

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072623\
 Data File : BF134481.D
 Acq On : 26 Jul 2023 14:29
 Operator : CG\JU
 Sample : PB154316BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154316BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023

Quant Time: Jul 26 14:48:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	184179	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	718941	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	180612	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	352979	20.000	ng	0.00
76) Chrysene-d12	14.027	240	260673	20.000	ng	0.00
86) Perylene-d12	15.521	264	197560	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1270062	113.932	ng	0.02
7) Phenol-d6	6.487	99	1522722	111.490	ng	0.00
23) Nitrobenzene-d5	7.398	82	1035034	72.839	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	304712	118.742	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1793601	130.369	ng	0.00
79) Terphenyl-d14	12.957	244	1321179	88.476	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	150018	31.727	ng	95
3) Pyridine	3.522	79	325271	30.646	ng	97
4) n-Nitrosodimethylamine	3.475	42	232625	37.087	ng	# 80
6) Aniline	6.504	93	226439	14.067	ng	# 25
8) 2-Chlorophenol	6.622	128	517800	45.850	ng	97
9) Benzaldehyde	6.392	77	33283	4.551	ng	95
10) Phenol	6.498	94	592296	41.680	ng	92
11) bis(2-Chloroethyl)ether	6.575	93	521938	52.613	ng	93
12) 1,3-Dichlorobenzene	6.769	146	523808	43.133	ng	99
13) 1,4-Dichlorobenzene	6.845	146	535939	42.884	ng	99
14) 1,2-Dichlorobenzene	6.998	146	507303	43.213	ng	96
15) Benzyl Alcohol	6.987	79	449970	42.670	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.104	45	781256	53.478	ng	78
17) 2-Methylphenol	7.098	107	411462	40.853	ng	95
18) Hexachloroethane	7.334	117	201928	42.057	ng	99
19) n-Nitroso-di-n-propyla...	7.251	70	358513	42.166	ng	98
20) 3+4-Methylphenols	7.251	107	504078	39.090	ng	# 75
22) Acetophenone	7.245	105	713237	39.890	ng	# 96
24) Nitrobenzene	7.416	77	556604	39.386	ng	98
25) Isophorone	7.657	82	1012077	42.735	ng	100
26) 2-Nitrophenol	7.734	139	287419	44.220	ng	# 88
27) 2,4-Dimethylphenol	7.775	122	451134	43.982	ng	90
28) bis(2-Chloroethoxy)met...	7.863	93	592359	44.937	ng	99
29) 2,4-Dichlorophenol	7.975	162	424685	41.417	ng	97
30) 1,2,4-Trichlorobenzene	8.051	180	445676	40.294	ng	99
31) Naphthalene	8.133	128	1411438	39.447	ng	99
32) Benzoic acid	7.934	122	371922	54.283	ng	# 88
33) 4-Chloroaniline	8.192	127	183763	12.425	ng	98
34) Hexachlorobutadiene	8.239	225	272576	36.787	ng	94
35) Caprolactam	8.581	113	150071m	47.864	ng	
36) 4-Chloro-3-methylphenol	8.681	107	476918	40.310	ng	98
37) 2-Methylnaphthalene	8.822	142	951651	38.279	ng	99
38) 1-Methylnaphthalene	8.922	142	874748	37.928	ng	98
40) 1,2,4,5-Tetrachloroben...	8.992	216	448760	78.405	ng	98
41) Hexachlorocyclopentadiene	8.969	237	371638	141.524	ng	93
43) 2,4,6-Trichlorophenol	9.110	196	295694	80.531	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.163	196	302233	70.649	ng	96	07/27/2023
46) 1,1'-Biphenyl	9.292	154	1006687	67.627	ng	99	Supervised By :mohammad
47) 2-Chloronaphthalene	9.316	162	468701	42.709	ng	97	ahmed
48) 2-Nitroaniline	9.422	65	157367	39.817	ng	97	
49) Acenaphthylene	9.733	152	725132	39.112	ng	99	
50) Dimethylphthalate	9.598	163	569273	42.519	ng	99	
51) 2,6-Dinitrotoluene	9.663	165	120293	40.947	ng	98	07/27/2023
52) Acenaphthene	9.904	154	444870	40.620	ng	100	
53) 3-Nitroaniline	9.839	138	70493	20.929	ng	99	
54) 2,4-Dinitrophenol	9.957	184	140874	90.464	ng	98	
55) Dibenzofuran	10.080	168	675165	40.054	ng	98	
56) 4-Nitrophenol	10.022	139	158178	88.062	ng	93	
57) 2,4-Dinitrotoluene	10.075	165	161208	40.855	ng	# 84	
58) Fluorene	10.422	166	548656	40.347	ng	100	
59) 2,3,4,6-Tetrachlorophenol	10.204	232	144570m	43.985	ng		
60) Diethylphthalate	10.298	149	596951	43.064	ng	99	
61) 4-Chlorophenyl-phenyle...	10.410	204	267098	41.117	ng	96	
62) 4-Nitroaniline	10.463	138	108235	31.320	ng	94	
63) Azobenzene	10.575	77	531028	41.619	ng	97	
65) 4,6-Dinitro-2-methylph...	10.492	198	94846	46.843	ng	92	
66) n-Nitrosodiphenylamine	10.539	169	482532	42.968	ng	98	
67) 4-Bromophenyl-phenylether	10.904	248	170451	44.074	ng	98	
68) Hexachlorobenzene	10.974	284	201888	46.358	ng	# 93	
69) Atrazine	11.063	200	82264	26.274	ng	96	
70) Pentachlorophenol	11.174	266	180831	98.942	ng	94	
71) Phenanthrene	11.392	178	769555	41.727	ng	99	
72) Anthracene	11.445	178	782172	41.092	ng	99	
73) Carbazole	11.604	167	720891	40.218	ng	99	
74) Di-n-butylphthalate	11.921	149	957262	46.523	ng	98	
75) Fluoranthene	12.586	202	853449	39.707	ng	99	
77) Benzidine	12.710	184	27579	4.955	ng	96	
78) Pyrene	12.816	202	860487	41.516	ng	100	
80) Butylbenzylphthalate	13.433	149	388480	46.791	ng	94	
81) Benzo(a)anthracene	14.015	228	759532	41.763	ng	100	
82) 3,3'-Dichlorobenzidine	13.974	252	179764	31.208	ng	98	
83) Chrysene	14.051	228	701019	40.299	ng	100	
84) Bis(2-ethylhexyl)phtha...	13.992	149	556071	55.130	ng	99	
85) Di-n-octyl phthalate	14.610	149	897734	64.046	ng	100	
87) Indeno(1,2,3-cd)pyrene	17.068	276	620333	48.063	ng	99	
88) Benzo(b)fluoranthene	15.080	252	674447	54.569	ng	99	
89) Benzo(k)fluoranthene	15.115	252	591231	48.643	ng	98	
90) Benzo(a)pyrene	15.457	252	527556	46.179	ng	99	
91) Dibenzo(a,h)anthracene	17.080	278	530798	50.924	ng	97	
92) Benzo(g,h,i)perylene	17.533	276	506022	47.281	ng	99	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

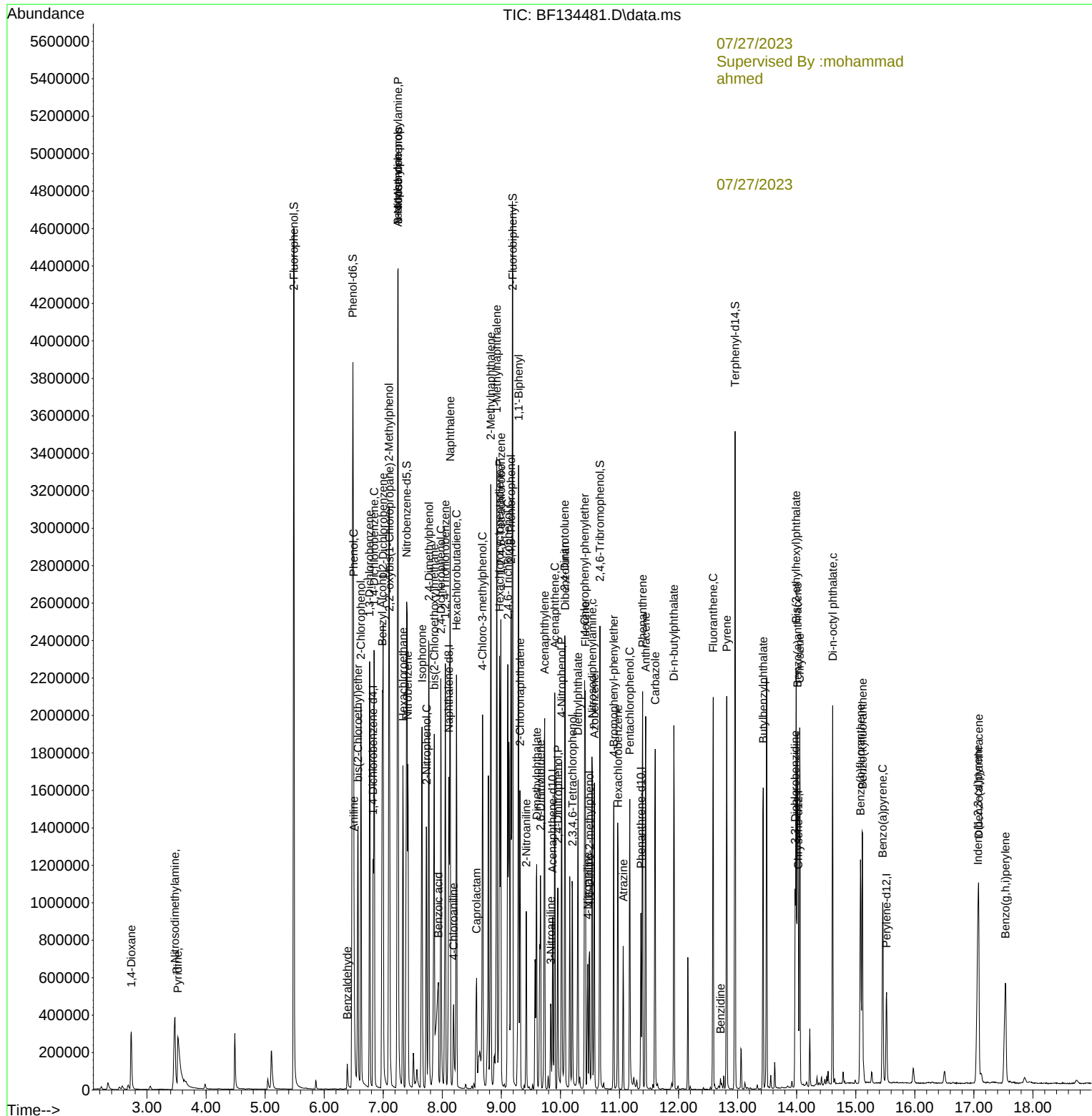
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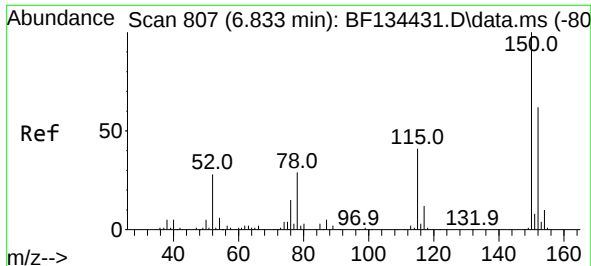
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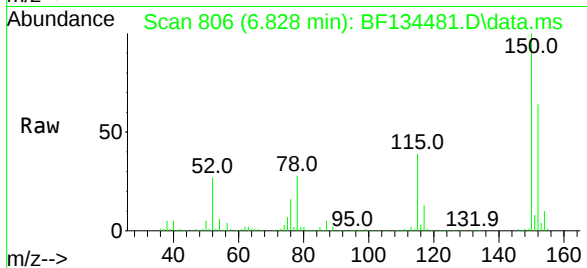
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

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BNA_F

ClientSampleId :

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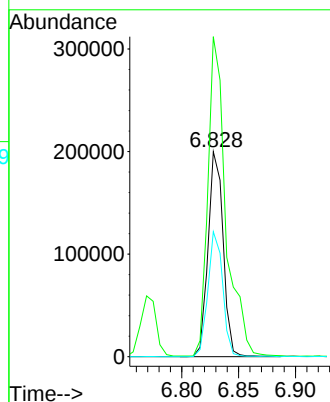
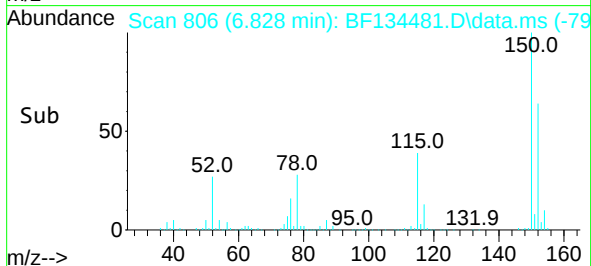
Tgt Ion:152 Resp: 184179
Ion Ratio Lower Upper
152 100
150 156.1 128.3 192.5
115 61.0 52.4 78.6

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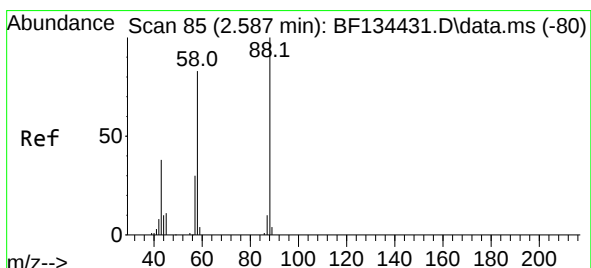
Supervised By :mohammad ahmed 07/27/2023



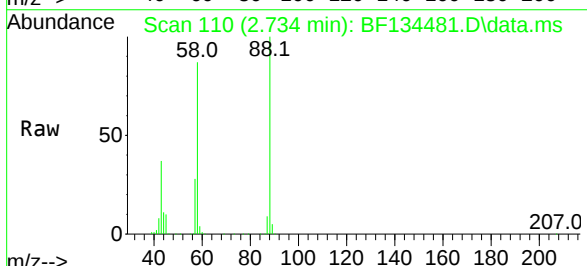
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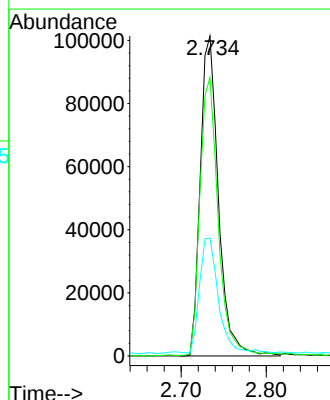
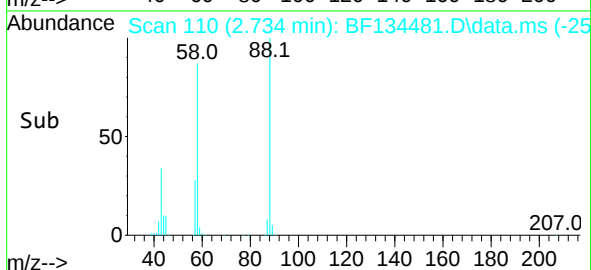
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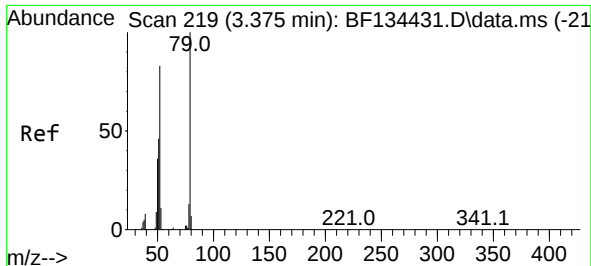


#2
1,4-Dioxane
Concen: 31.727 ng
RT: 2.734 min Scan# 110
Delta R.T. 0.147 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29



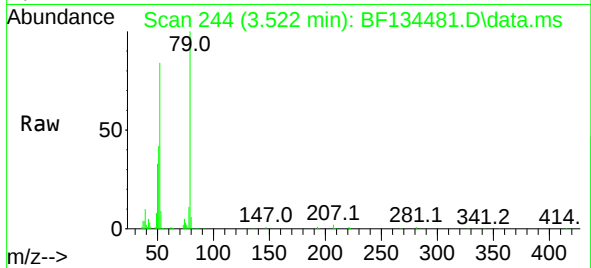
Tgt Ion: 88 Resp: 150018
Ion Ratio Lower Upper
88 100
58 87.2 65.1 97.7
43 37.1 30.3 45.5





#3
Pyridine
Concen: 30.646 ng
RT: 3.522 min Scan# 244
Delta R.T. 0.147 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

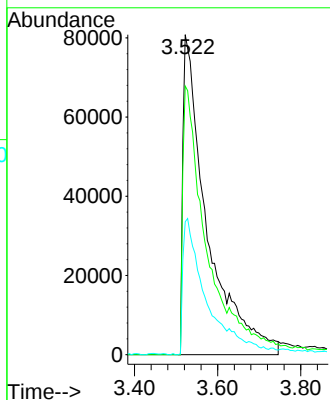
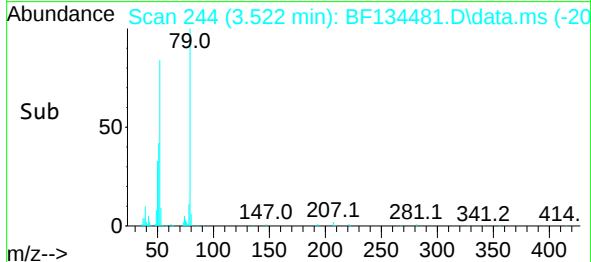
Instrument :
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ClientSampleId :
PB154316BS



Tgt Ion: 79 Resp: 32527
Ion Ratio Lower Upper
79 100
52 84.0 66.6 100.0
51 41.5 36.5 54.7

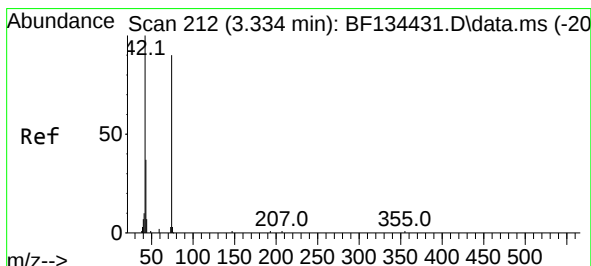
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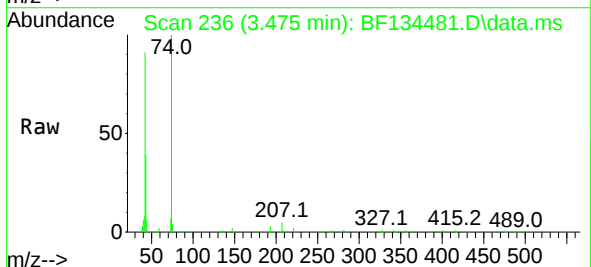


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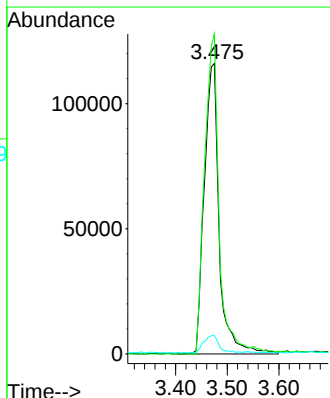
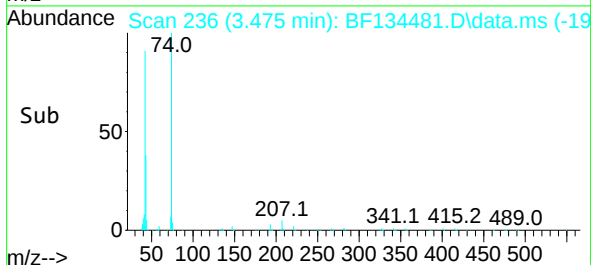
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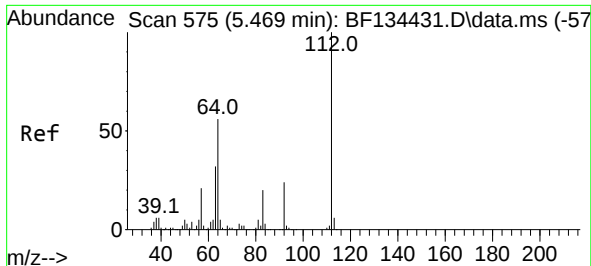


#4
n-Nitrosodimethylamine
Concen: 37.087 ng
RT: 3.475 min Scan# 236
Delta R.T. 0.141 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29



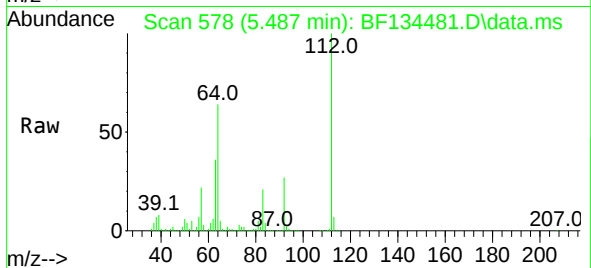
Tgt Ion: 42 Resp: 232625
Ion Ratio Lower Upper
42 100
74 110.2 72.2 108.4#
44 6.3 5.4 8.0





#5
2-Fluorophenol
Concen: 113.932 ng
RT: 5.487 min Scan# 512
Delta R.T. 0.018 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

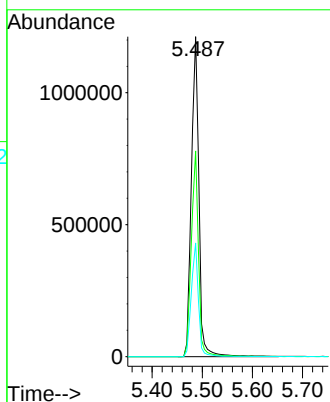
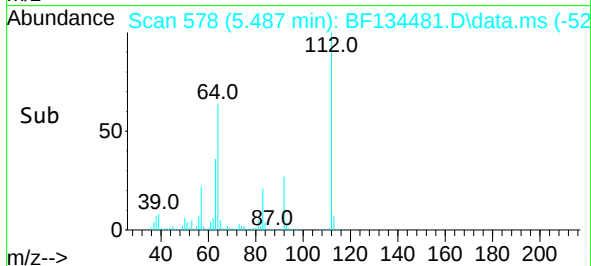
Instrument :
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Tgt Ion: 112 Resp: 1270062
Ion Ratio Lower Upper
112 100
64 64.3 44.9 67.3
63 35.6 25.4 38.0

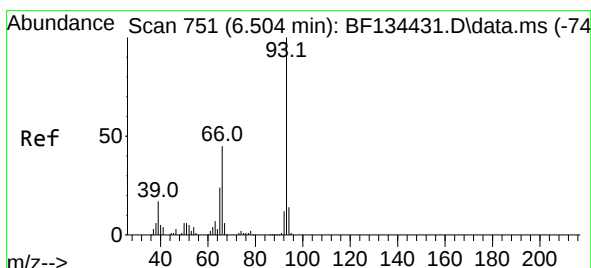
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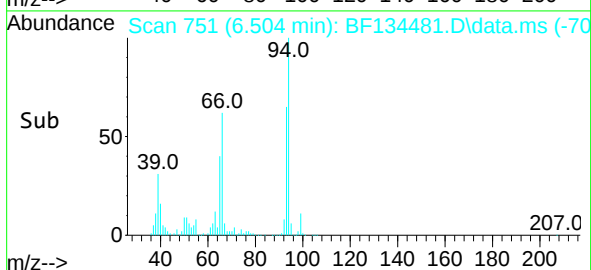
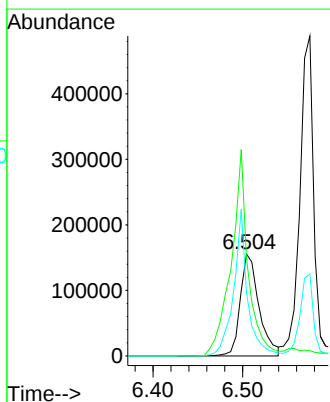
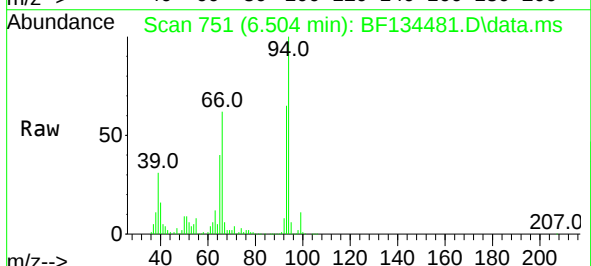
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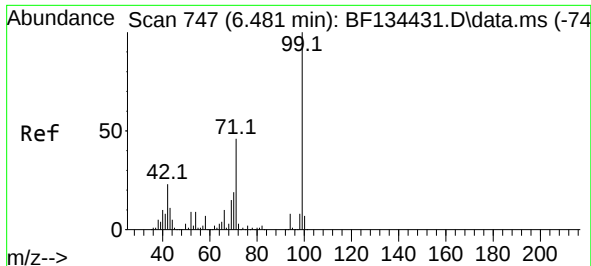
07/27/2023



#6
Aniline
Concen: 14.067 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF134481.D
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Tgt Ion: 93 Resp: 226439
Ion Ratio Lower Upper
93 100
66 95.3 36.8 55.2#
65 61.7 19.4 29.0#





#7

Phenol-d6

Concen: 111.490 ng

RT: 6.487 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF134481.D

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Tgt Ion: 99 Resp: 152272

Ion Ratio Lower Upper

99 100

42 23.6 18.7 28.1

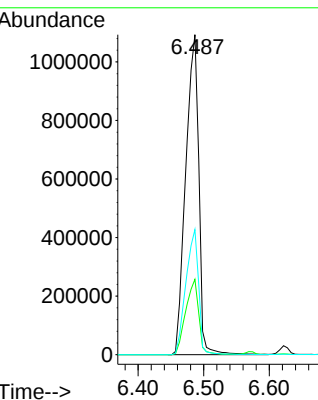
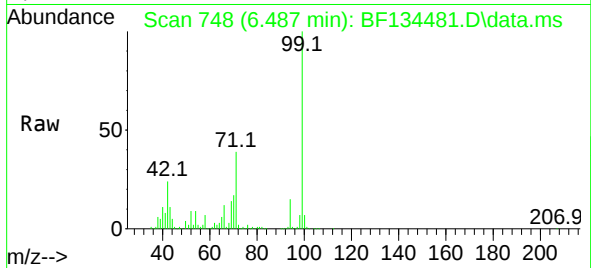
71 39.1 36.4 54.6

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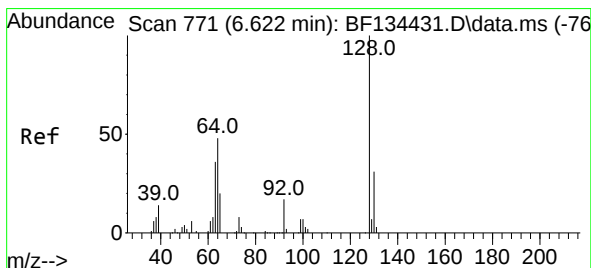
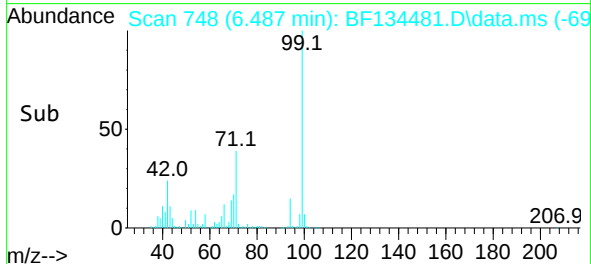
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Supervised By :mohammad
ahmed

07/27/2023



#8

2-Chlorophenol

Concen: 45.850 ng

RT: 6.622 min Scan# 771

Delta R.T. 0.000 min

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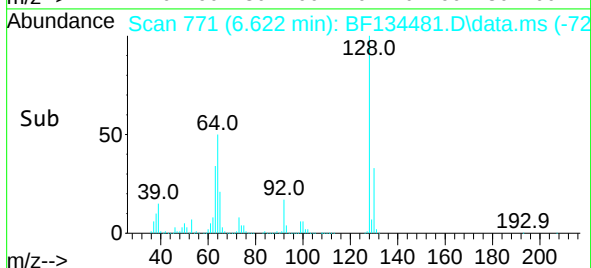
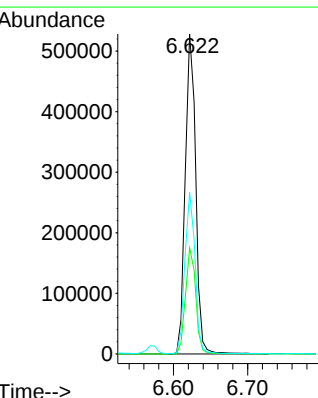
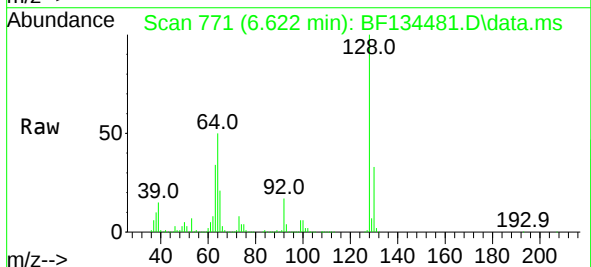
Tgt Ion:128 Resp: 517800

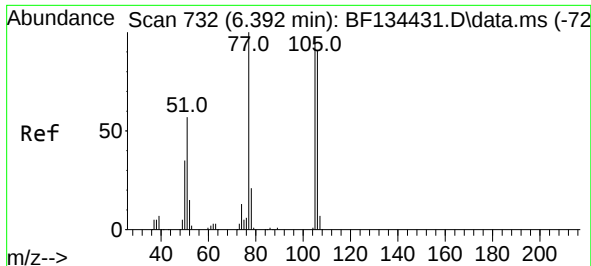
Ion Ratio Lower Upper

128 100

130 33.1 11.1 51.1

64 50.4 31.9 71.9





#9

Benzaldehyde

Concen: 4.551 ng

RT: 6.392 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF134481.D

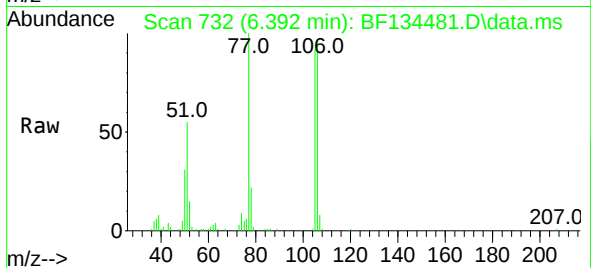
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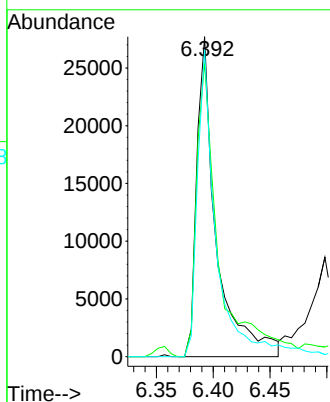
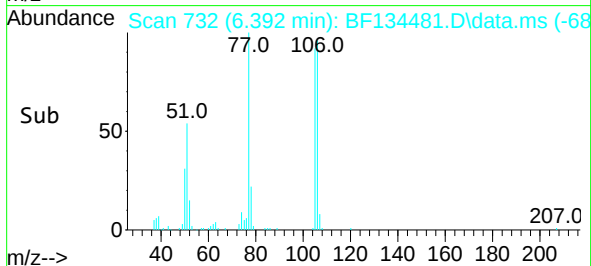


Tgt Ion: 77	Resp: 3328
Ion Ratio	Lower Upper
77	100
105	91.9 77.1 117.1
106	95.9 71.4 111.4

Manual Integrations
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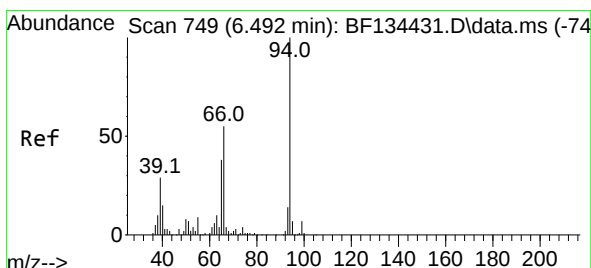
Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



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Supervised By :mohammad
ahmed

07/27/2023



#10

Phenol

Concen: 41.680 ng

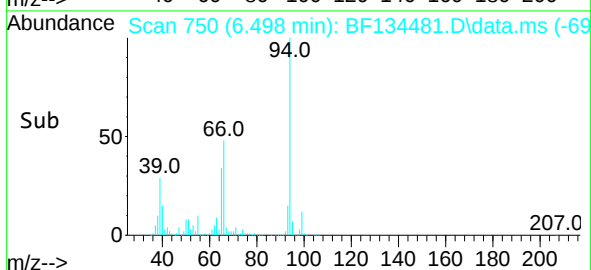
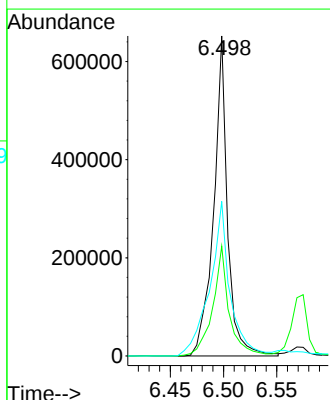
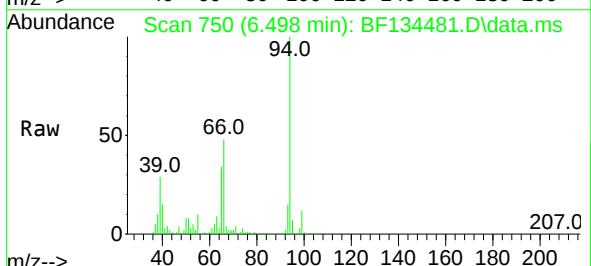
RT: 6.498 min Scan# 750

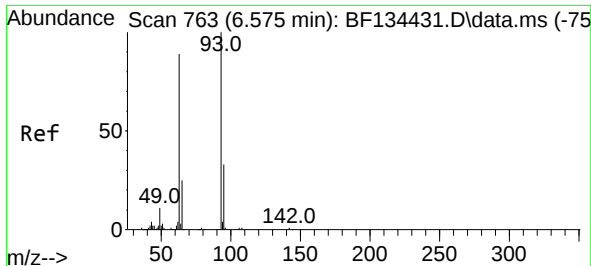
Delta R.T. 0.006 min

Lab File: BF134481.D

Acq: 26 Jul 2023 14:29

Tgt Ion: 94	Resp: 592296
Ion Ratio	Lower Upper
94	100
65	34.3 17.8 57.8
66	48.3 35.2 75.2





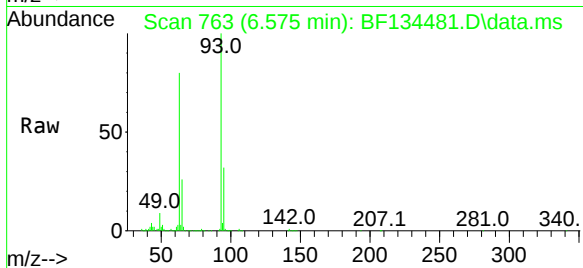
#11
bis(2-Chloroethyl)ether
Concen: 52.613 ng
RT: 6.575 min Scan# 701
Delta R.T. 0.000 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

ClientSampleId :

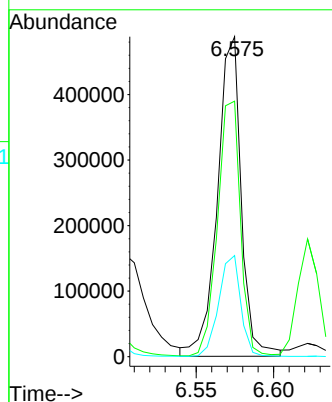
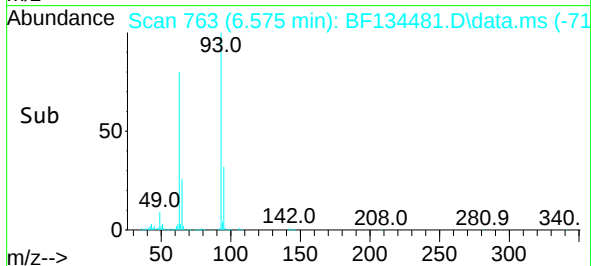
PB154316BS



Tgt Ion: 93 Resp: 521938
Ion Ratio Lower Upper
93 100
63 79.8 68.4 108.4
95 31.6 12.4 52.4

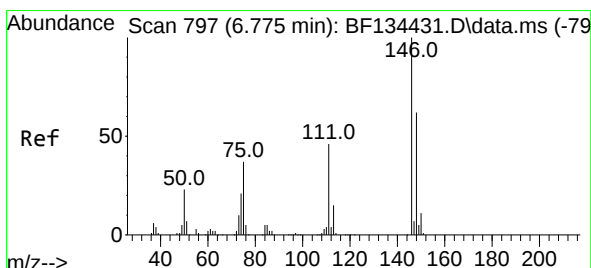
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



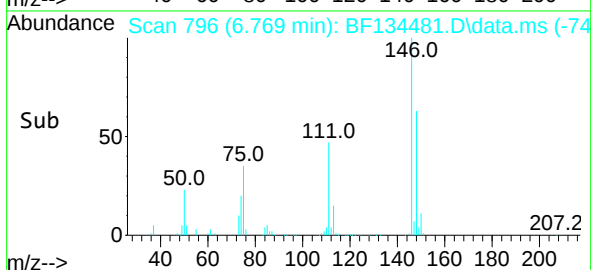
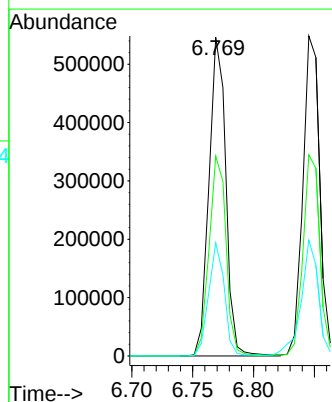
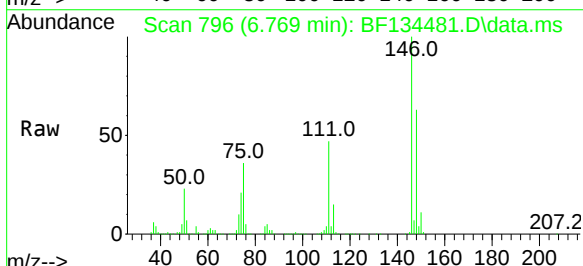
07/27/2023
Supervised By :mohammad
ahmed

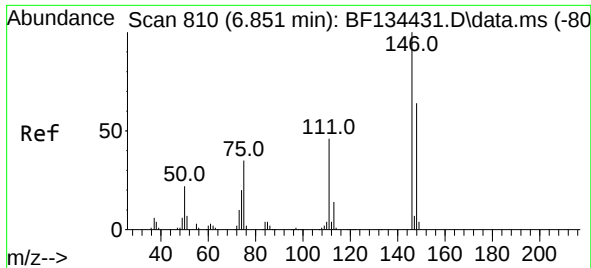
07/27/2023



#12
1,3-Dichlorobenzene
Concen: 43.133 ng
RT: 6.769 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Tgt Ion:146 Resp: 523808
Ion Ratio Lower Upper
146 100
148 62.7 49.7 74.5
75 35.5 29.5 44.3





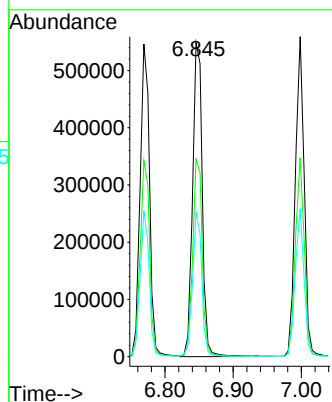
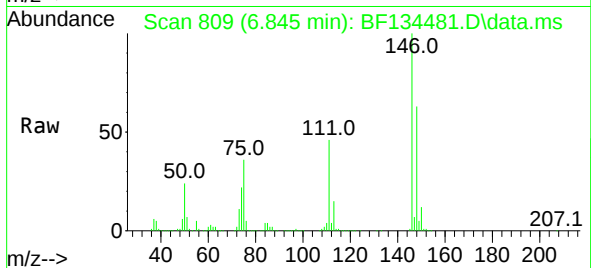
#13
1,4-Dichlorobenzene
Concen: 42.884 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Instrument :
BNA_F
ClientSampleId :
PB154316BS

Tgt Ion:146 Resp: 535939
Ion Ratio Lower Upper
146 100
148 62.9 51.3 76.9
111 46.0 36.6 55.0

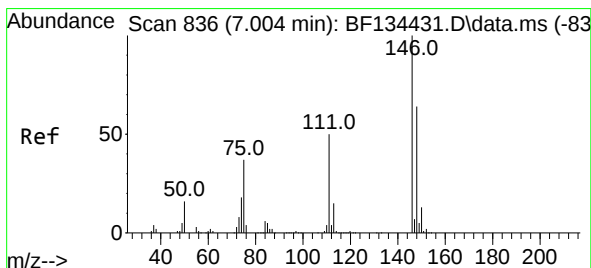
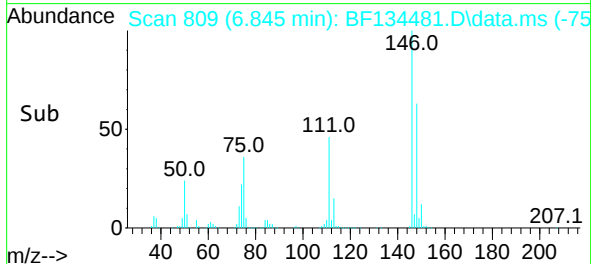
Manual Integrations
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Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



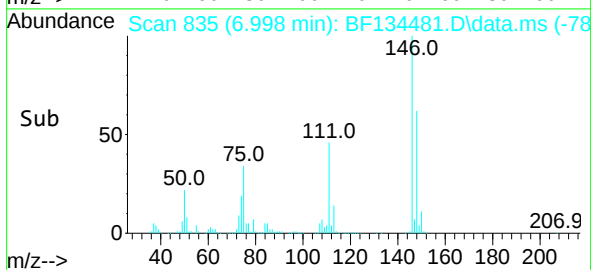
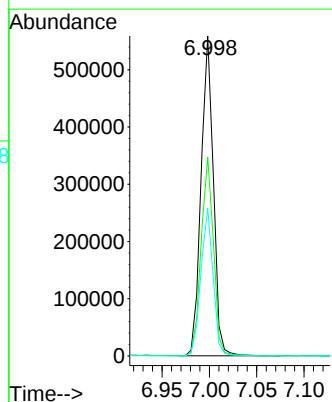
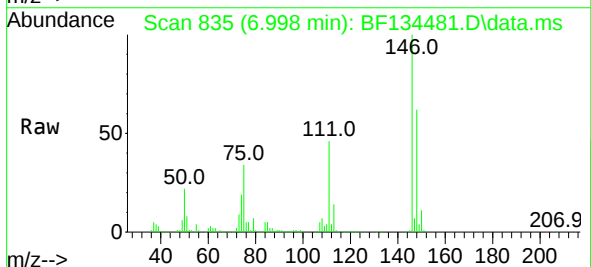
07/27/2023
Supervised By :mohammad
ahmed

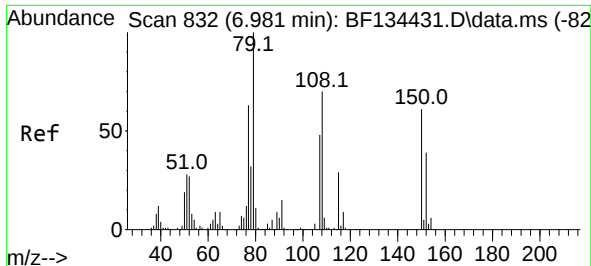
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#14
1,2-Dichlorobenzene
Concen: 43.213 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

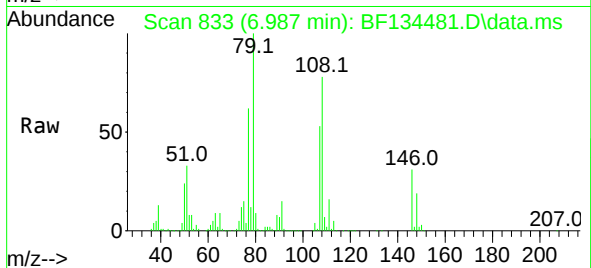
Tgt Ion:146 Resp: 507303
Ion Ratio Lower Upper
146 100
148 62.2 51.2 76.8
111 46.2 39.9 59.9





#15
Benzyl Alcohol
Concen: 42.670 ng
RT: 6.987 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

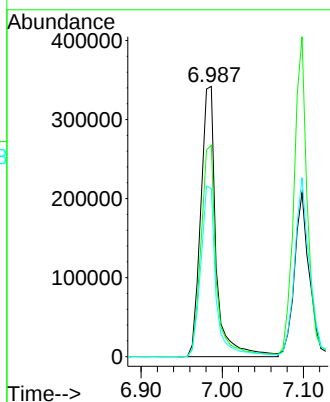
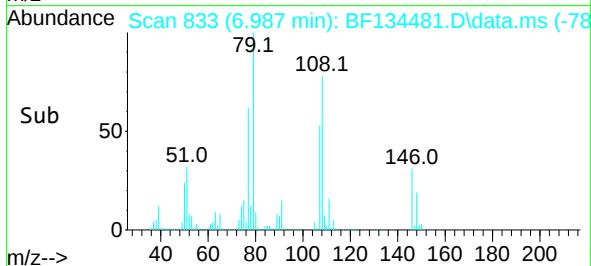
Instrument :
BNA_F
ClientSampleId :
PB154316BS



Tgt Ion: 79 Resp: 449970
Ion Ratio Lower Upper
79 100
108 78.3 56.3 84.5
77 62.2 50.6 76.0

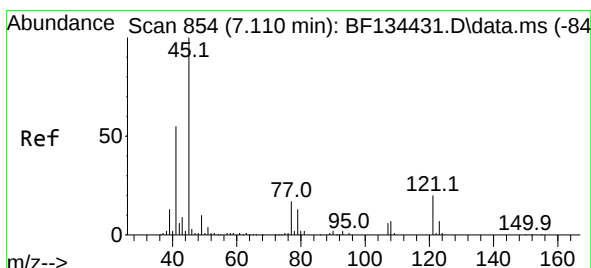
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Supervised By :mohammad ahmed 07/27/2023



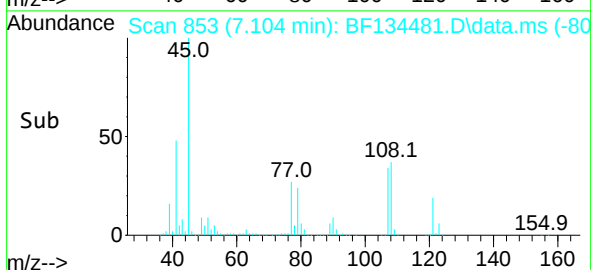
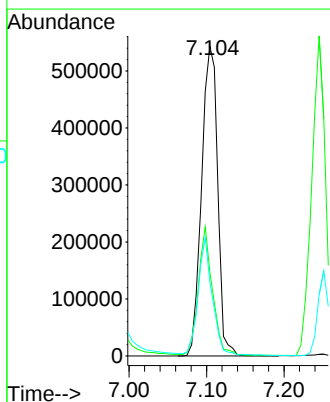
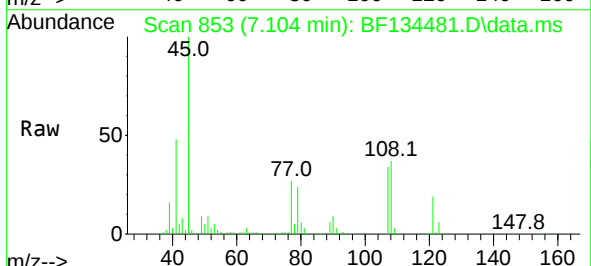
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ahmed

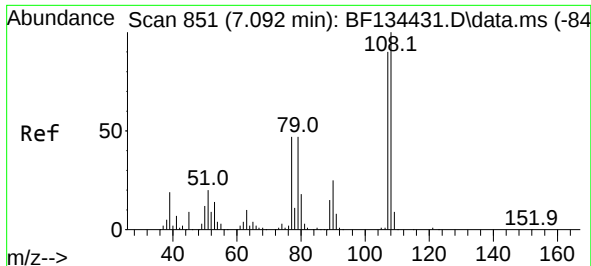
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.478 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Tgt Ion: 45 Resp: 781256
Ion Ratio Lower Upper
45 100
77 27.0 0.0 37.8
79 23.8 0.0 34.5





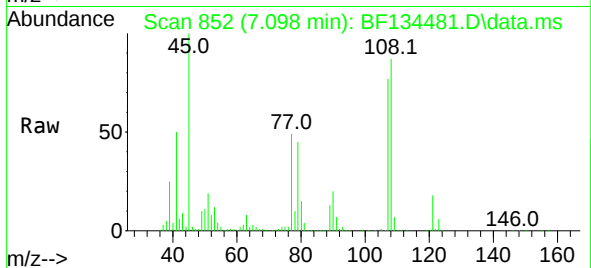
#17
2-Methylphenol
Concen: 40.853 ng
RT: 7.098 min Scan# 851
Delta R.T. 0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

ClientSampleId :

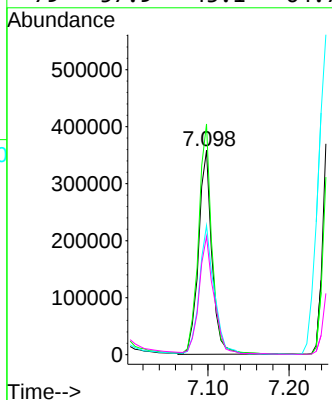
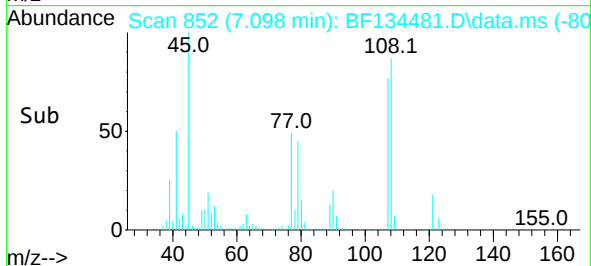
PB154316BS



Tgt Ion:107 Resp: 411462
Ion Ratio Lower Upper
107 100
108 113.0 89.4 134.2
77 63.2 42.4 63.6
79 57.9 43.1 64.7

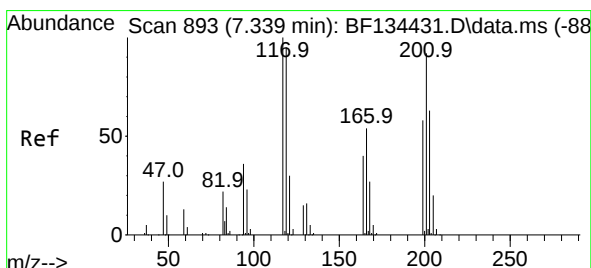
Manual Integrations
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Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



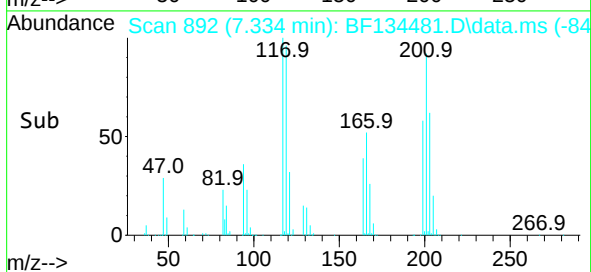
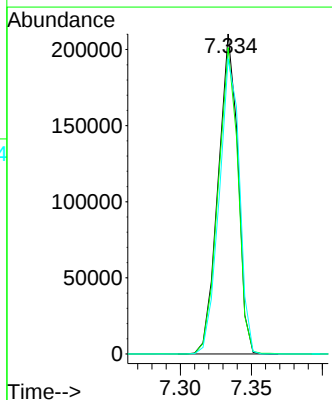
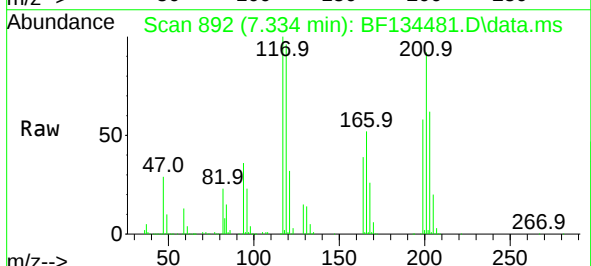
07/27/2023
Supervised By :mohammad
ahmed

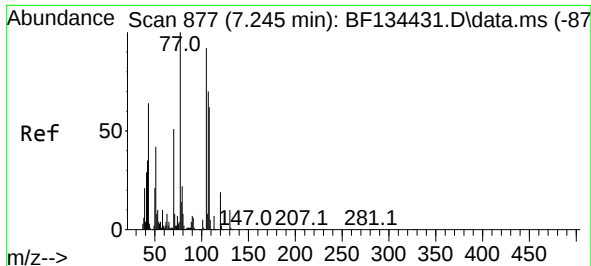
07/27/2023



#18
Hexachloroethane
Concen: 42.057 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

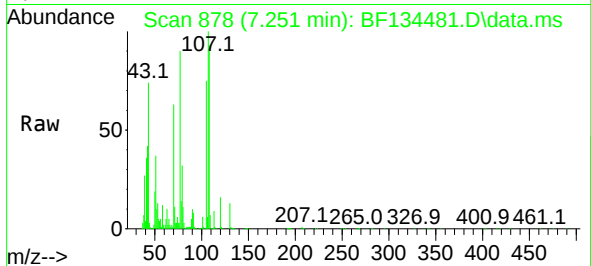
Tgt Ion:117 Resp: 201928
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.8
201 92.1 73.6 110.4





#19
n-Nitroso-di-n-propylamine
Concen: 42.166 ng
RT: 7.251 min Scan# 877
Delta R.T. 0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

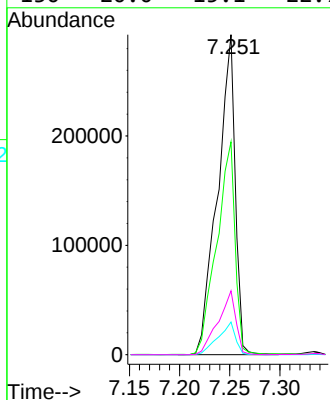
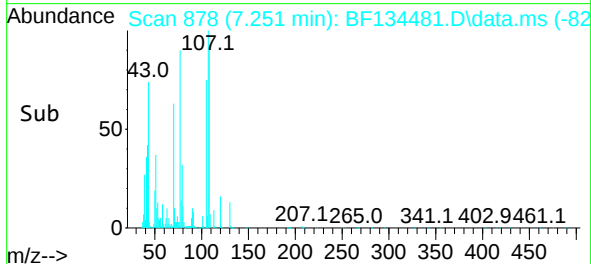
Instrument :
BNA_F
ClientSampleId :
PB154316BS



Tgt Ion: 70 Resp: 35851
Ion Ratio Lower Upper
70 100
42 66.5 54.7 82.1
101 10.2 8.2 12.2
130 20.0 15.1 22.7

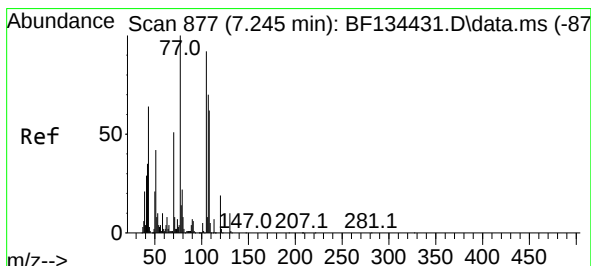
Manual Integrations
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Supervised By :mohammad ahmed 07/27/2023

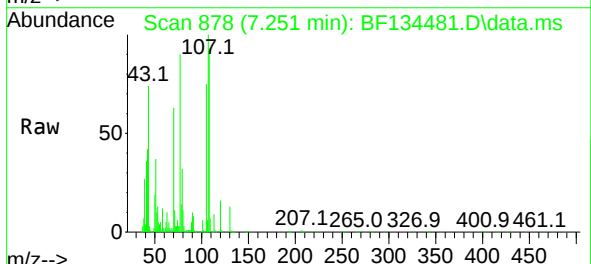


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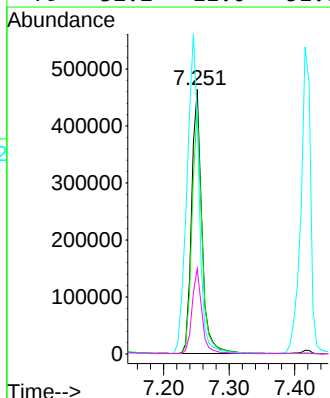
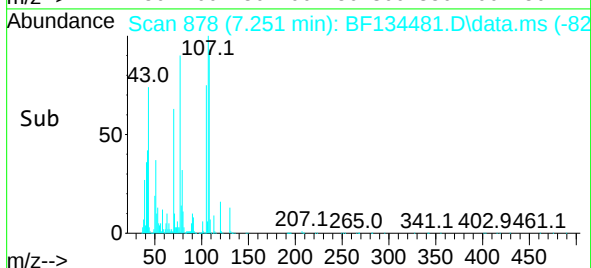
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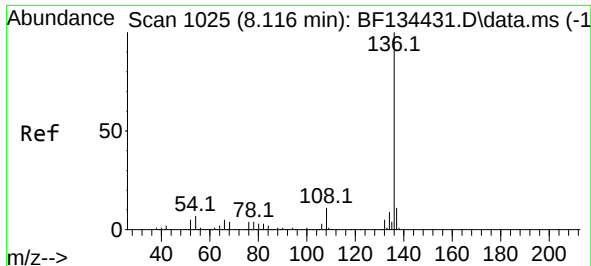


#20
3+4-Methylphenols
Concen: 39.090 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29



Tgt Ion:107 Resp: 504078
Ion Ratio Lower Upper
107 100
108 92.7 68.1 108.1
77 89.7 122.1 162.1#
79 32.2 11.0 51.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

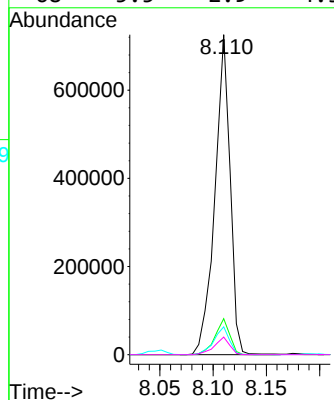
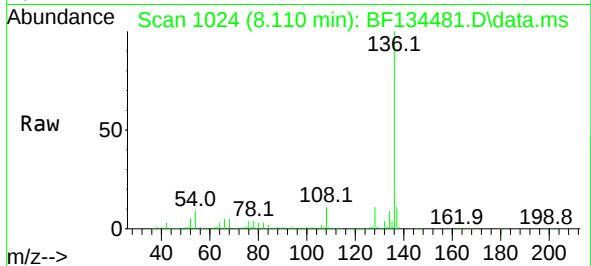
ClientSampleId :

PB154316BS

Tgt Ion:136 Resp: 71894
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.7 5.2 7.8
68 5.5 2.9 4.3

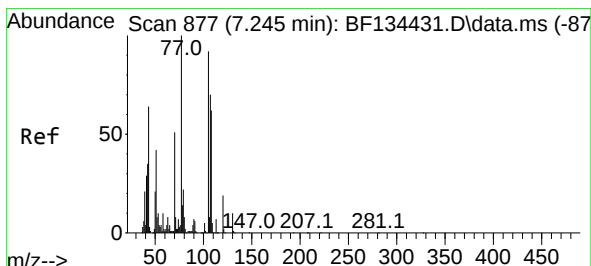
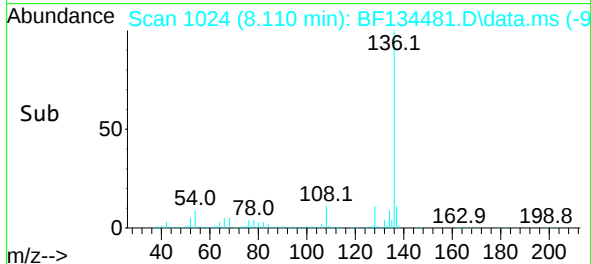
Manual Integrations
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Supervised By :mohammad ahmed 07/27/2023



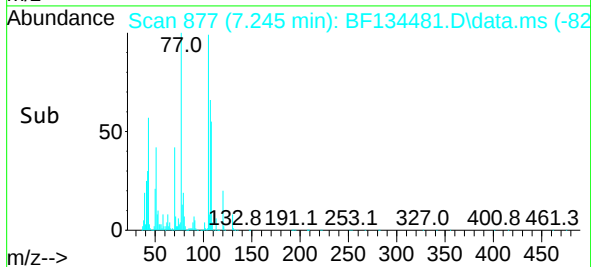
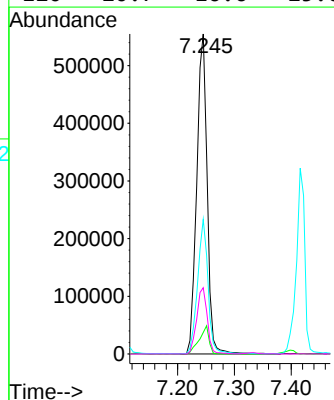
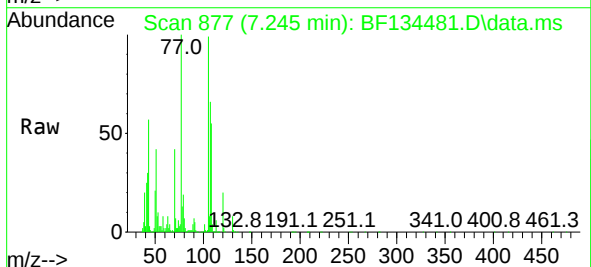
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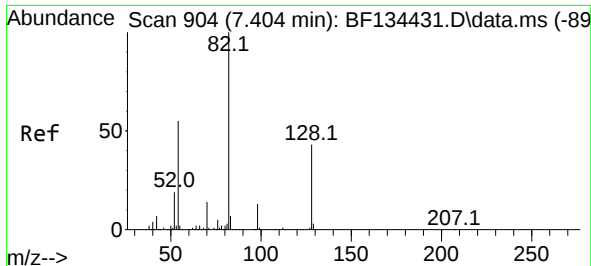
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#22
Acetophenone
Concen: 39.890 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Tgt Ion:105 Resp: 713237
Ion Ratio Lower Upper
105 100
71 6.7 7.4 11.0#
51 42.0 36.4 54.6
120 20.7 16.6 25.0





#23

Nitrobenzene-d5

Concen: 72.839 ng

RT: 7.398 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF134481.D

Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB154316BS

Tgt Ion: 82 Resp: 1035034

Ion Ratio Lower Upper

82 100

128 41.5 34.3 51.5

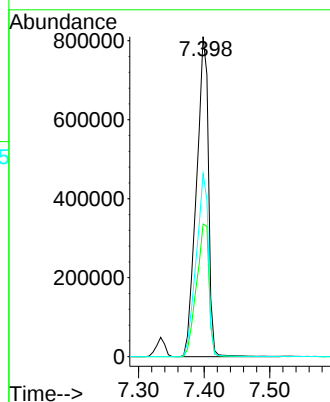
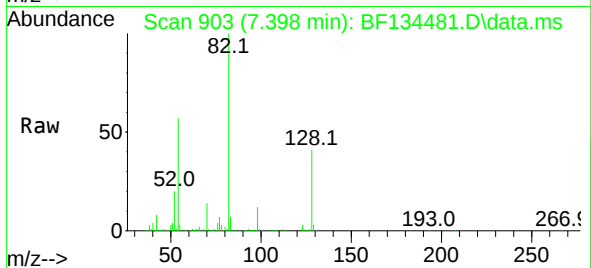
54 57.2 43.8 65.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/27/2023

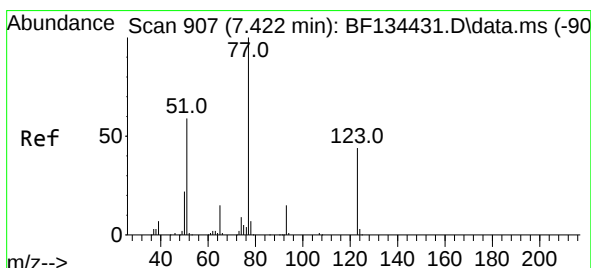
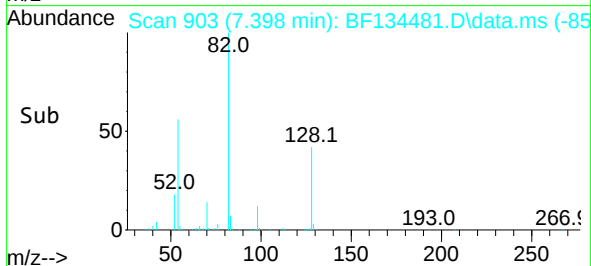
Supervised By :mohammad ahmed 07/27/2023



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Supervised By :mohammad
ahmed

07/27/2023



#24

Nitrobenzene

Concen: 39.386 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134481.D

Acq: 26 Jul 2023 14:29

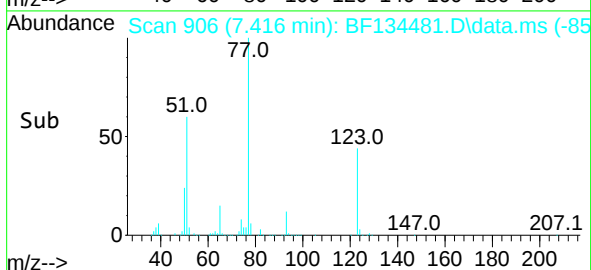
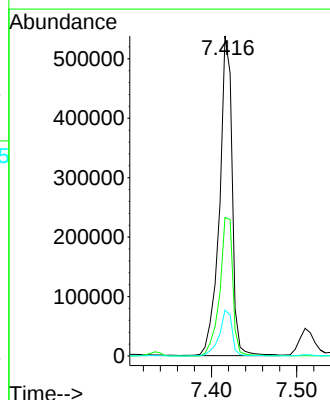
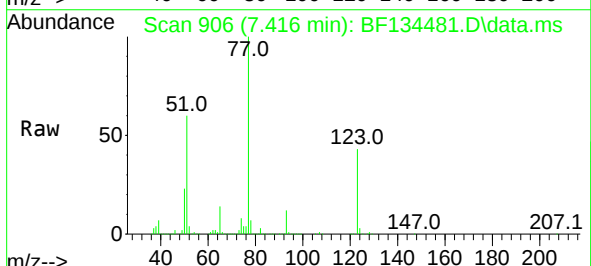
Tgt Ion: 77 Resp: 556604

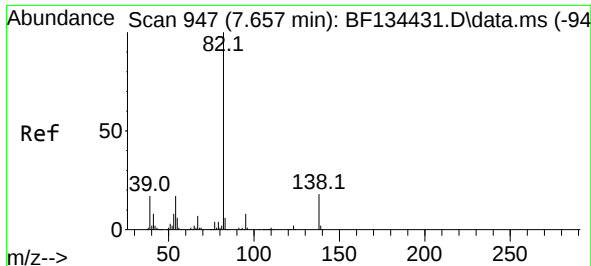
Ion Ratio Lower Upper

77 100

123 43.3 35.5 53.3

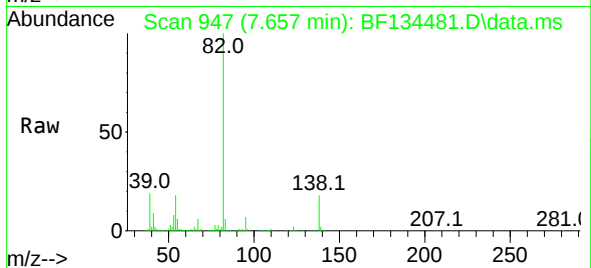
65 14.3 11.9 17.9





#25
Isophorone
Concen: 42.735 ng
RT: 7.657 min Scan# 947
Delta R.T. 0.000 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

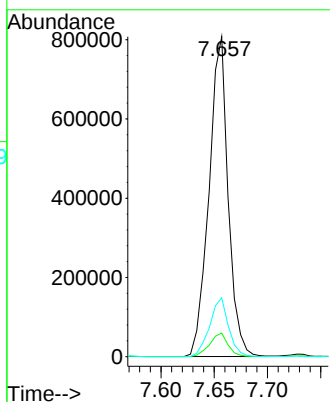
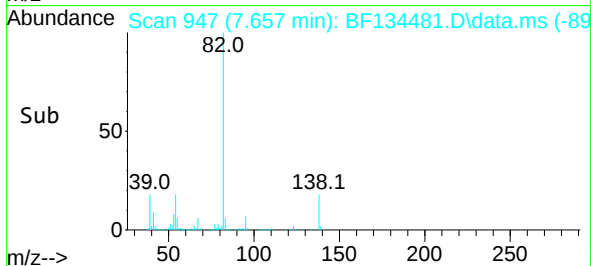
Instrument :
BNA_F
ClientSampleId :
PB154316BS



Tgt Ion: 82 Resp: 101207
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 18.4 14.6 22.0

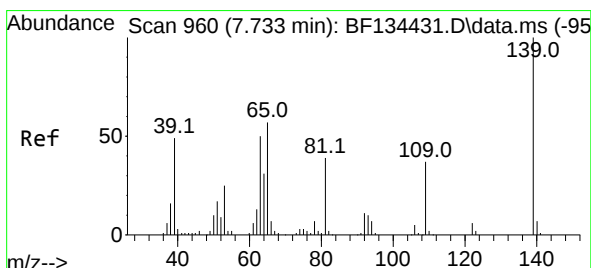
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

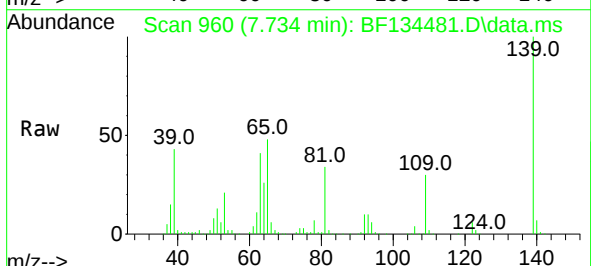


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Supervised By :mohammad
ahmed

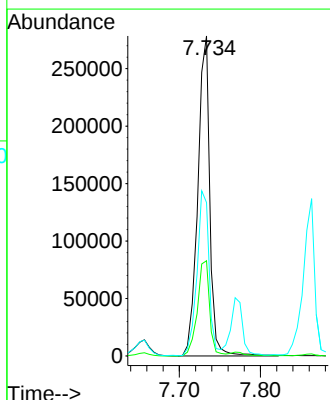
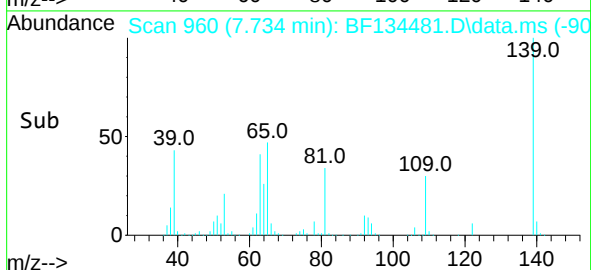
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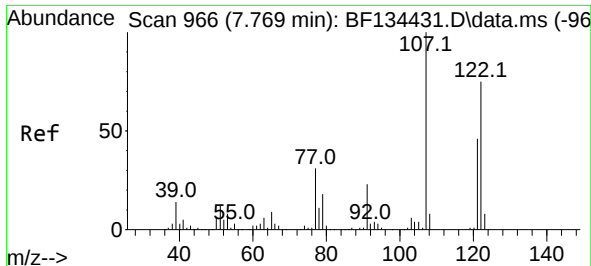


#26
2-Nitrophenol
Concen: 44.220 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29



Tgt Ion:139 Resp: 287419
Ion Ratio Lower Upper
139 100
109 29.7 29.8 44.6#
65 47.9 45.4 68.2





#27
2,4-Dimethylphenol
Concen: 43.982 ng
RT: 7.775 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB154316BS

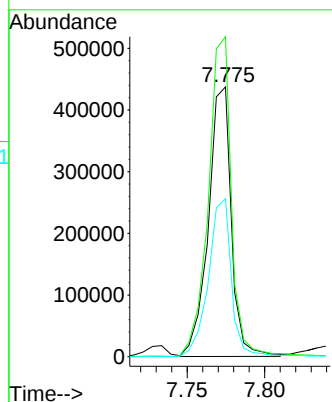
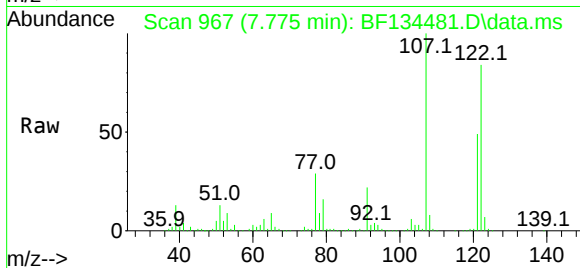
Tgt Ion:122 Resp: 451134
Ion Ratio Lower Upper
122 100
107 118.6 106.7 160.1
121 58.6 49.0 73.6

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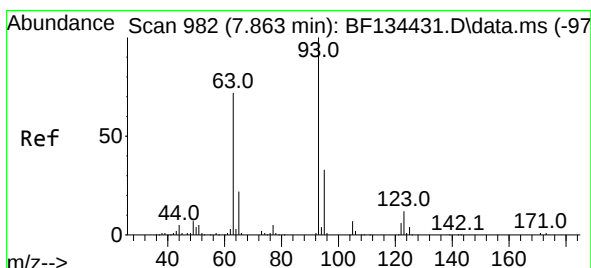
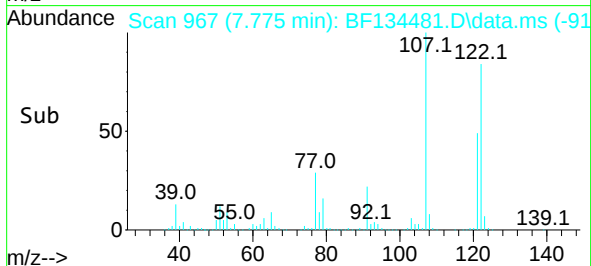
Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023



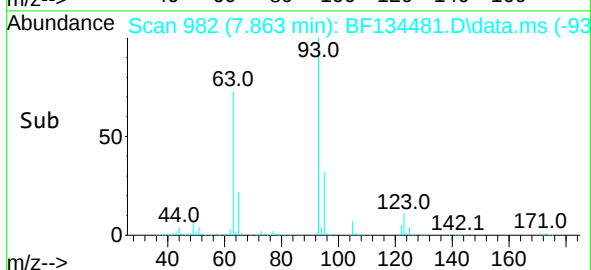
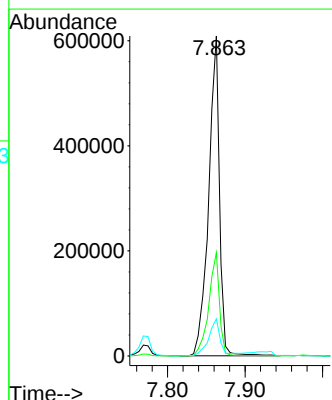
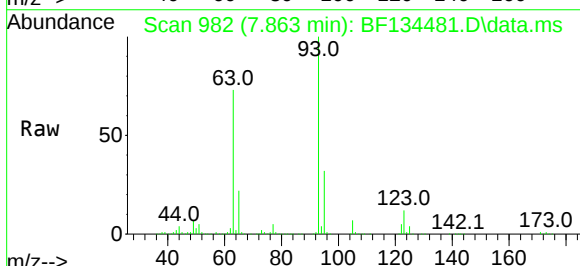
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Supervised By :mohammad
ahmed

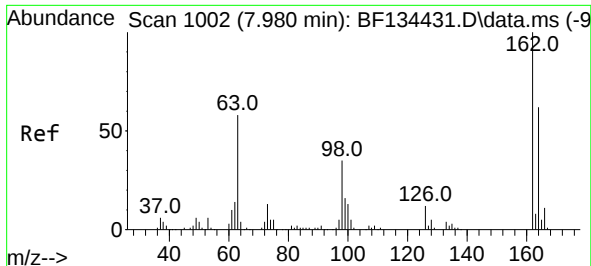
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#28
bis(2-Chloroethoxy)methane
Concen: 44.937 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.000 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Tgt Ion: 93 Resp: 592359
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 11.6 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 41.417 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF134481.D

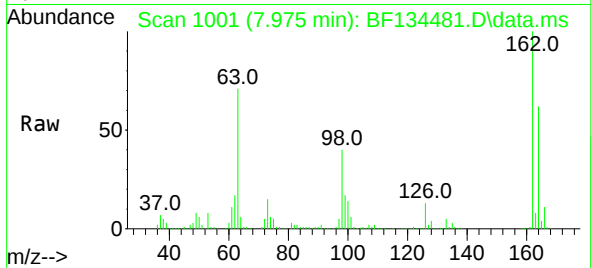
Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:162 Resp: 42468

Ion Ratio Lower Upper

162 100

164 62.0 42.2 82.2

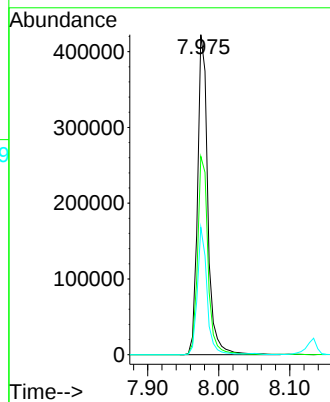
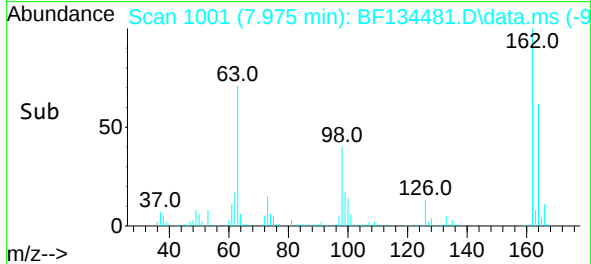
98 39.8 15.5 55.5

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Reviewed By :Yogesh Patel 07/27/2023

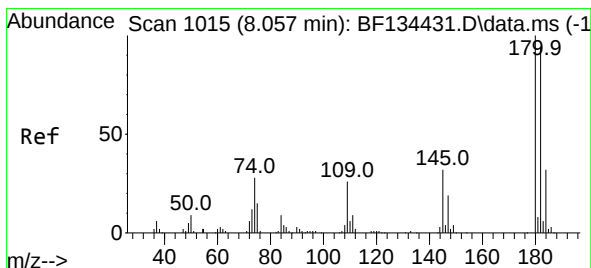
Supervised By :mohammad ahmed 07/27/2023



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Supervised By :mohammad
ahmed

07/27/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.294 ng

RT: 8.051 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF134481.D

Acq: 26 Jul 2023 14:29

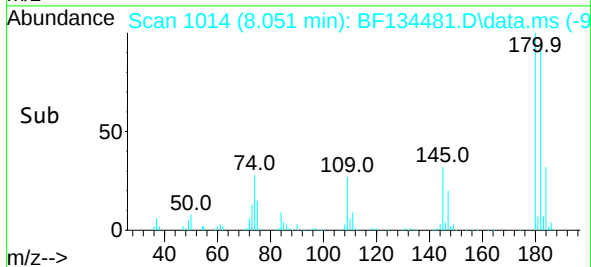
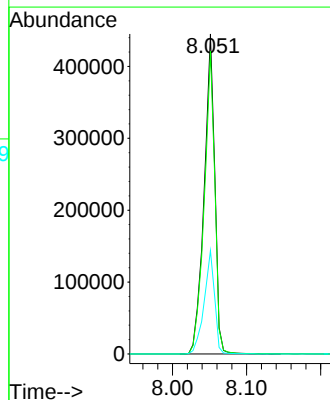
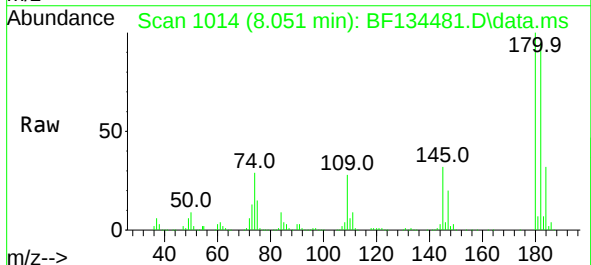
Tgt Ion:180 Resp: 445676

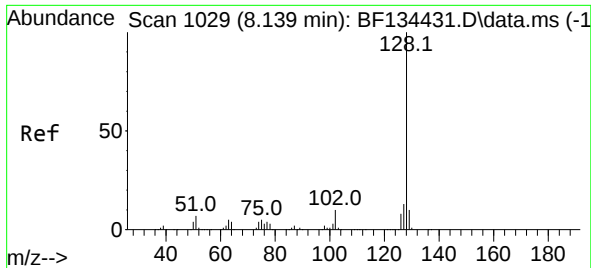
Ion Ratio Lower Upper

180 100

182 94.5 75.0 112.6

145 32.3 25.5 38.3





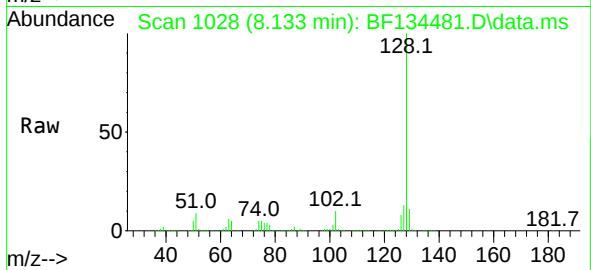
#31
Naphthalene
Concen: 39.447 ng
RT: 8.133 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB154316BS



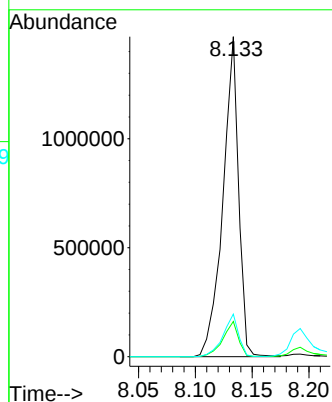
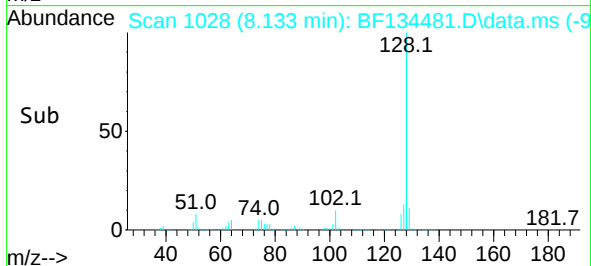
Tgt Ion:128 Resp: 1411438
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 13.3 10.7 16.1

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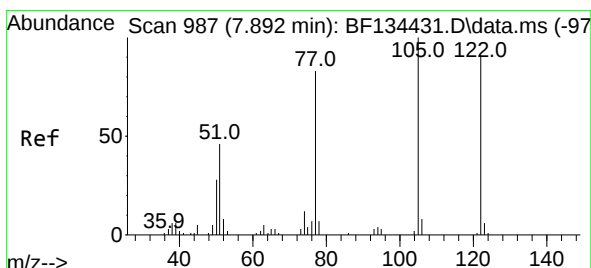
Supervised By :mohammad ahmed 07/27/2023



07/27/2023

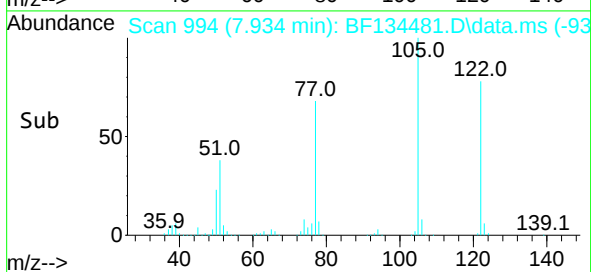
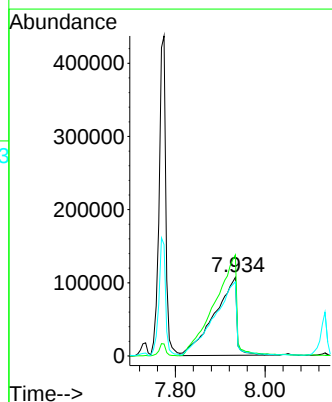
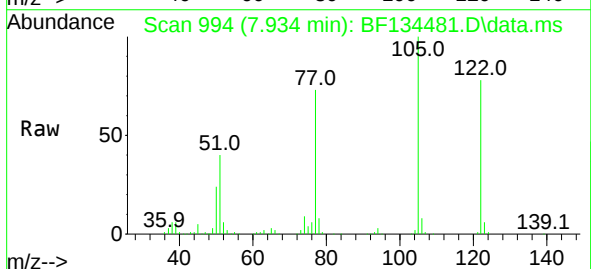
Supervised By :mohammad
ahmed

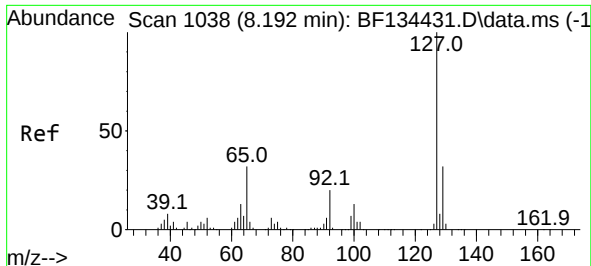
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#32
Benzoic acid
Concen: 54.283 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.042 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Tgt Ion:122 Resp: 371922
Ion Ratio Lower Upper
122 100
105 128.6 87.5 127.5#
77 94.2 71.4 111.4





#33
4-Chloroaniline
Concen: 12.425 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

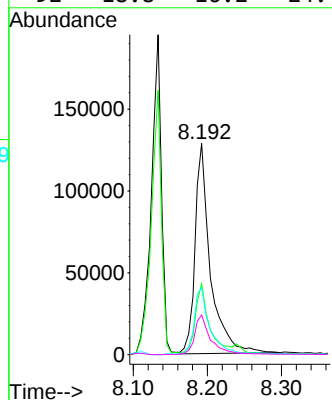
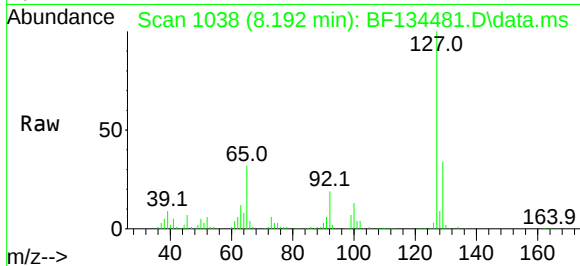
ClientSampleId :

PB154316BS

Tgt Ion:127 Resp: 18376
Ion Ratio Lower Upper
127 100
129 33.5 25.6 38.4
65 31.6 25.4 38.0
92 18.8 16.2 24.4

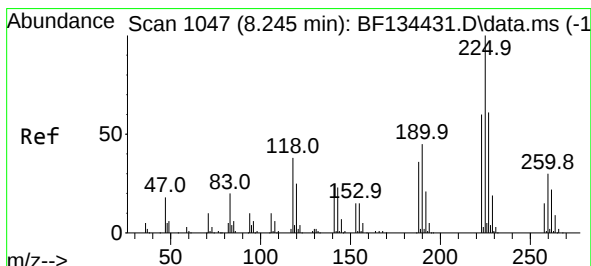
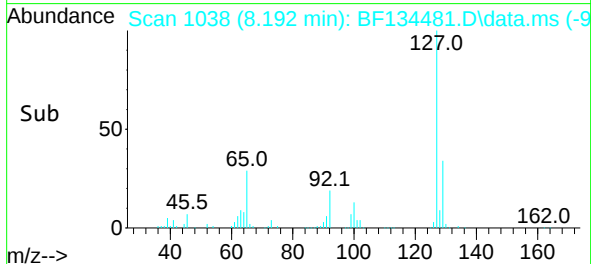
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Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



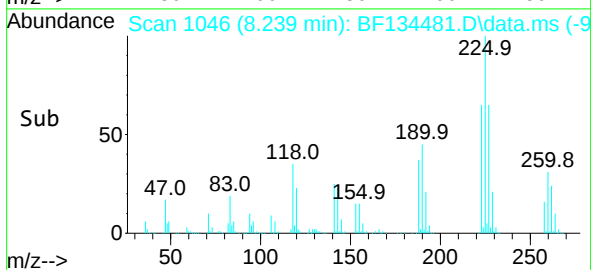
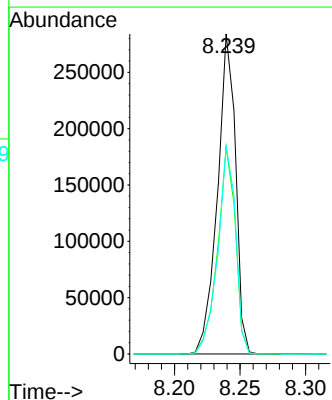
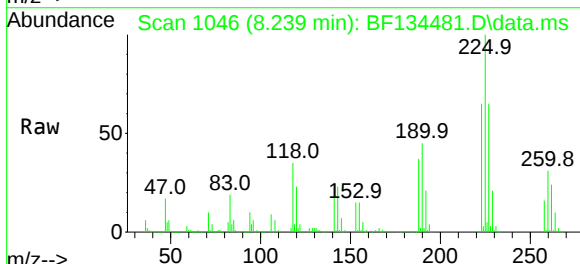
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Supervised By :mohammad
ahmed

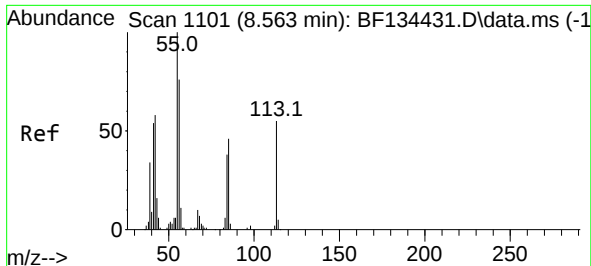
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#34
Hexachlorobutadiene
Concen: 36.787 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

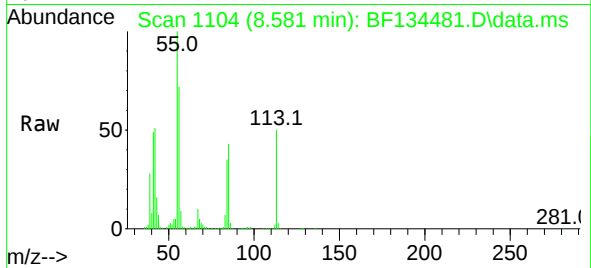
Tgt Ion:225 Resp: 272576
Ion Ratio Lower Upper
225 100
223 64.5 48.2 72.4
227 65.1 48.5 72.7





#35
Caprolactam
Concen: 47.864 ng m
RT: 8.581 min Scan# 1104
Delta R.T. 0.018 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

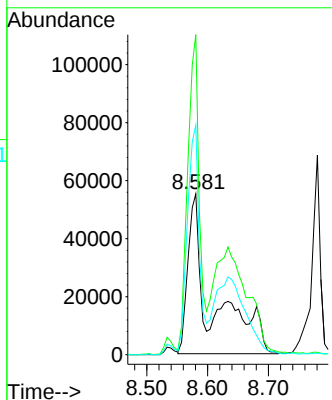
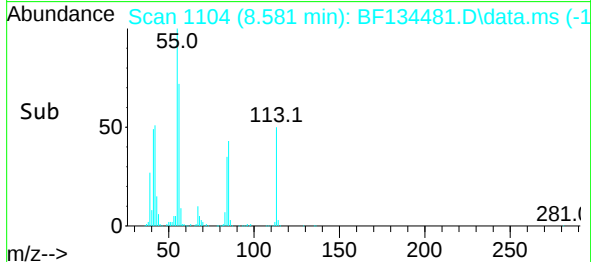
Instrument :
BNA_F
ClientSampleId :
PB154316BS



Tgt Ion:113 Resp: 15007
Ion Ratio Lower Upper
113 100
55 199.0 161.5 201.5
56 142.8 117.8 157.8

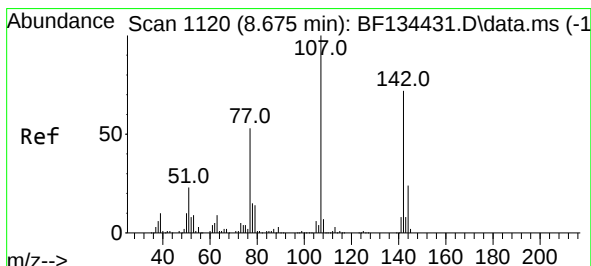
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Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



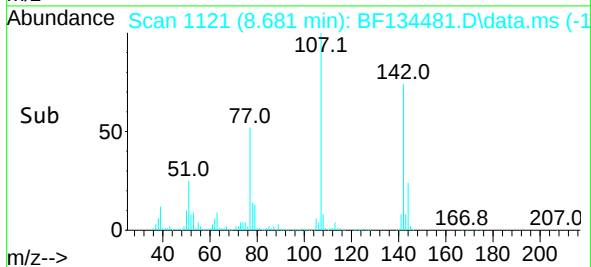
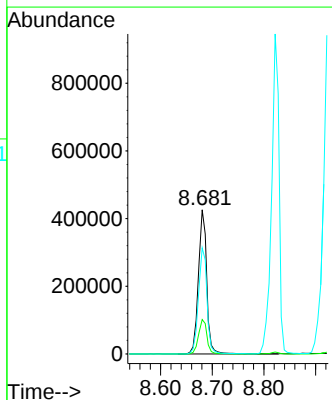
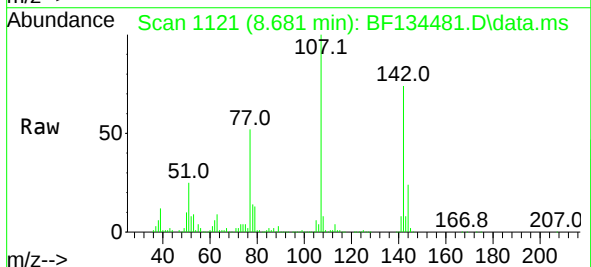
07/27/2023
Supervised By :mohammad
ahmed

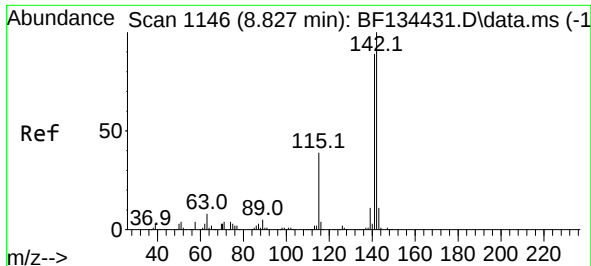
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#36
4-Chloro-3-methylphenol
Concen: 40.310 ng
RT: 8.681 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Tgt Ion:107 Resp: 476918
Ion Ratio Lower Upper
107 100
144 23.9 19.6 29.4
142 73.6 57.7 86.5





#37

2-Methylnaphthalene

Concen: 38.279 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.005 min

Lab File: BF134481.D

Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB154316BS

Tgt Ion:142 Resp: 95165

Ion Ratio Lower Upper

142 100

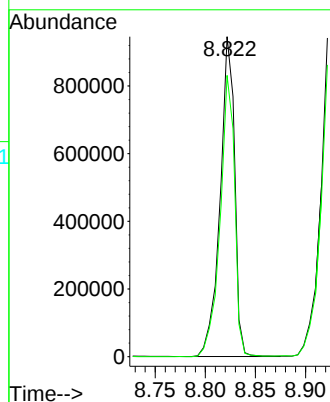
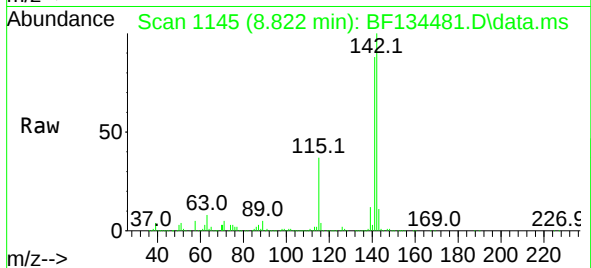
141 87.9 70.8 106.2

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Reviewed By :Yogesh Patel 07/27/2023

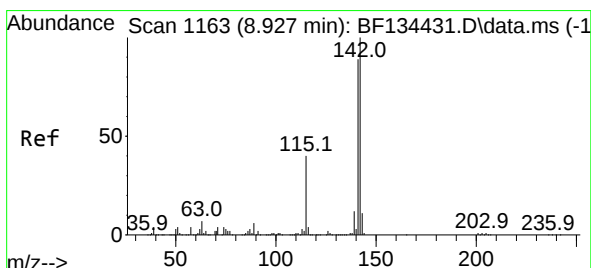
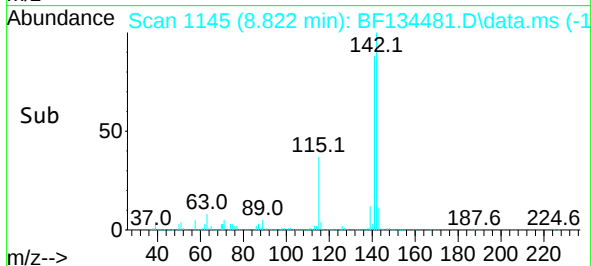
Supervised By :mohammad ahmed 07/27/2023



07/27/2023

Supervised By :mohammad
ahmed

07/27/2023



#38

1-Methylnaphthalene

Concen: 37.928 ng

RT: 8.922 min Scan# 1162

Delta R.T. -0.005 min

Lab File: BF134481.D

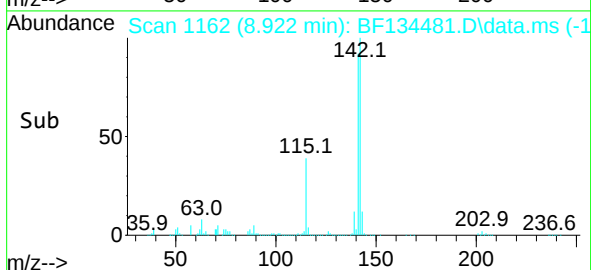
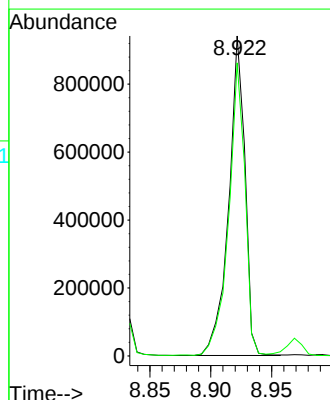
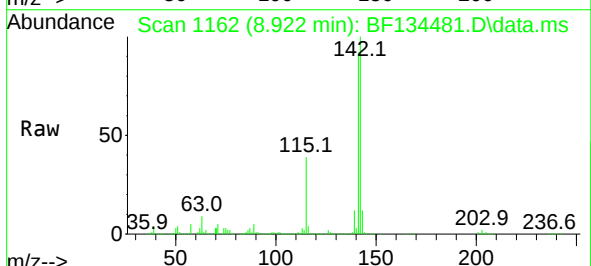
Acq: 26 Jul 2023 14:29

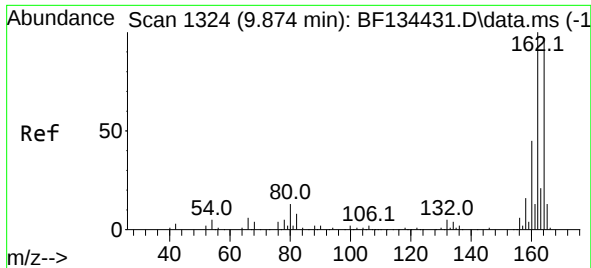
Tgt Ion:142 Resp: 874748

Ion Ratio Lower Upper

142 100

141 91.6 71.4 107.2





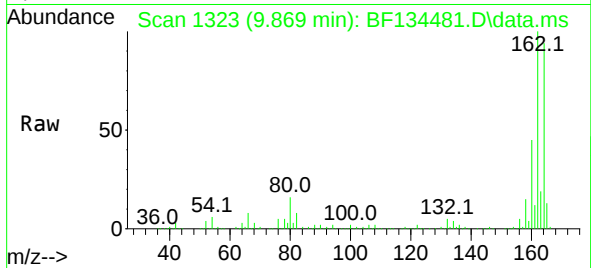
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB154316BS



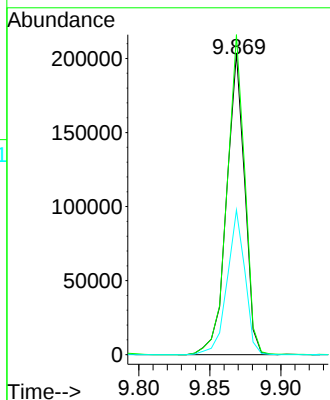
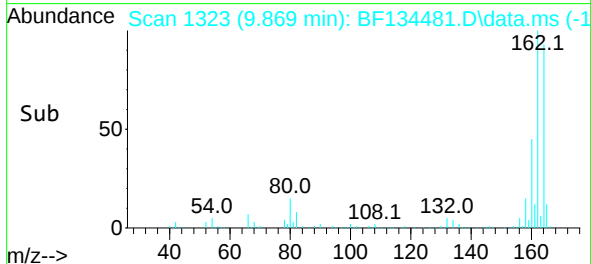
Tgt Ion:164 Resp: 180612
Ion Ratio Lower Upper
164 100
162 106.1 82.6 123.8
160 48.0 37.2 55.8

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Reviewed By :Yogesh Patel 07/27/2023

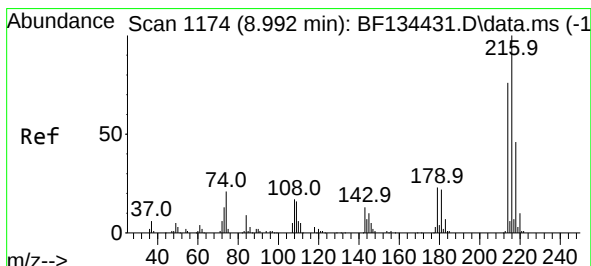
Supervised By :mohammad ahmed 07/27/2023



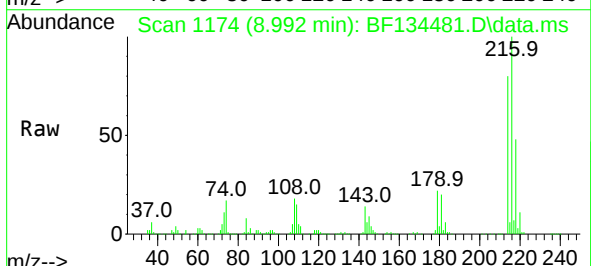
07/27/2023

Supervised By :mohammad
ahmed

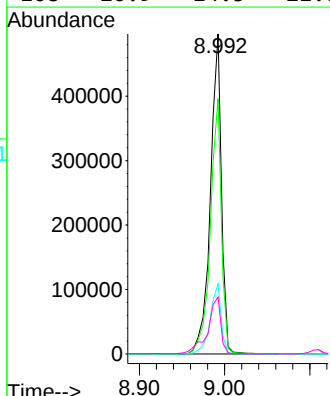
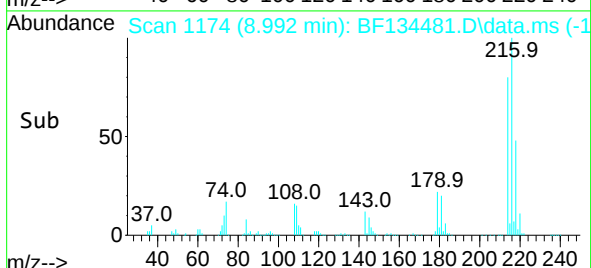
07/27/2023

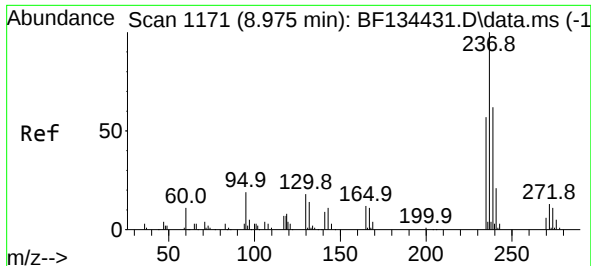


#40
1,2,4,5-Tetrachlorobenzene
Concen: 78.405 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29



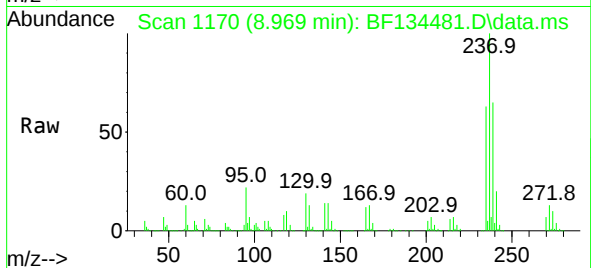
Tgt Ion:216 Resp: 448760
Ion Ratio Lower Upper
216 100
214 79.8 62.3 93.5
179 21.7 17.4 26.0
108 20.9 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 141.524 ng
RT: 8.969 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

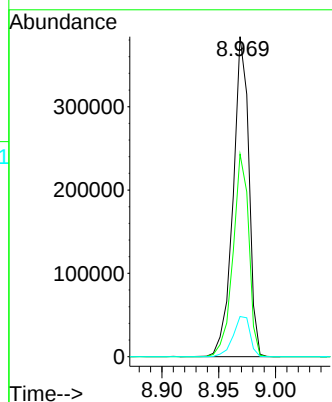
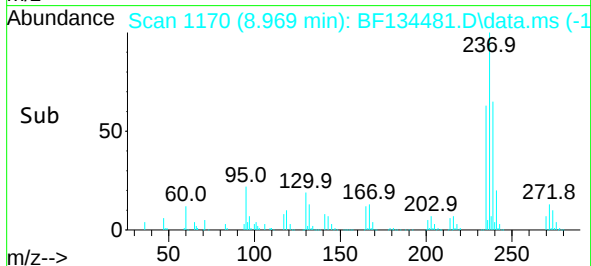
Instrument :
BNA_F
ClientSampleId :
PB154316BS



Tgt Ion:237 Resp: 371638
Ion Ratio Lower Upper
237 100
235 63.3 37.0 77.0
272 12.6 0.0 32.7

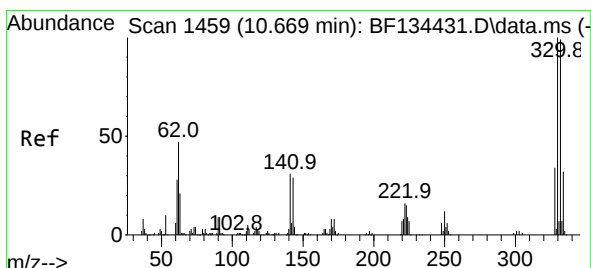
Manual Integrations
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Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

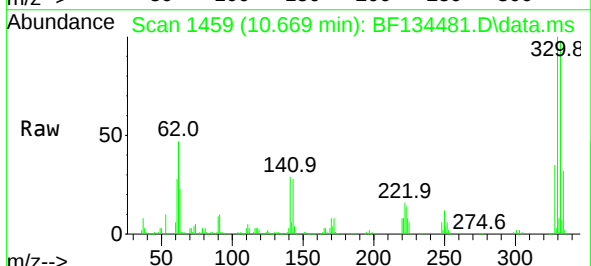


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Supervised By :mohammad
ahmed

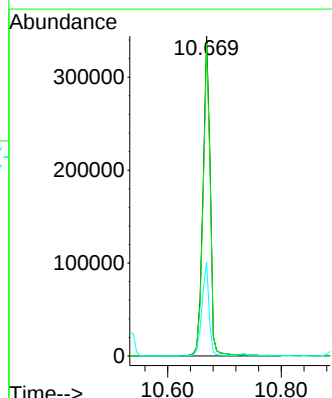
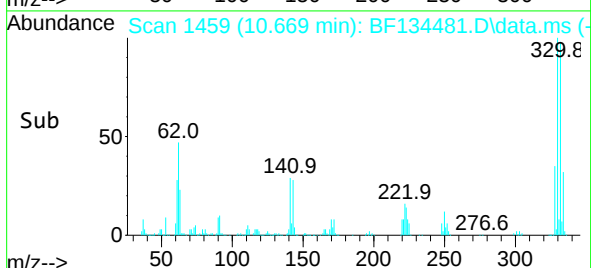
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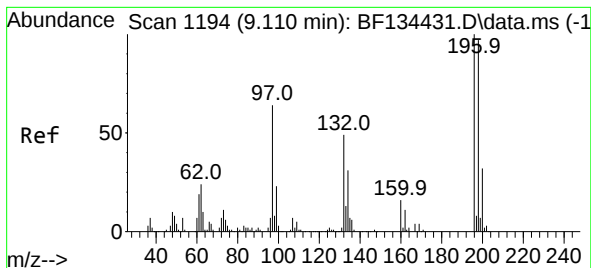


#42
2,4,6-Tribromophenol
Concen: 118.742 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29



Tgt Ion:330 Resp: 304712
Ion Ratio Lower Upper
330 100
332 95.8 78.8 118.2
141 29.1 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 80.531 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF134481.D

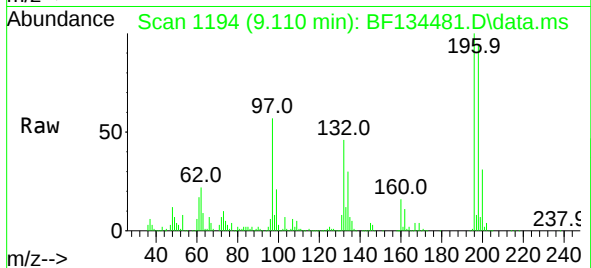
Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:196 Resp: 295694

Ion Ratio Lower Upper

196 100

198 94.1 77.4 116.2

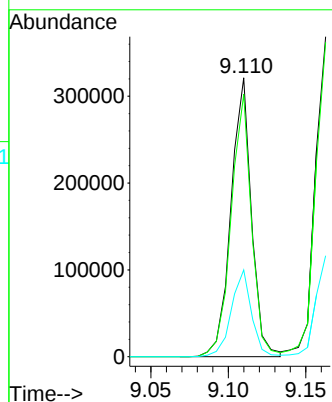
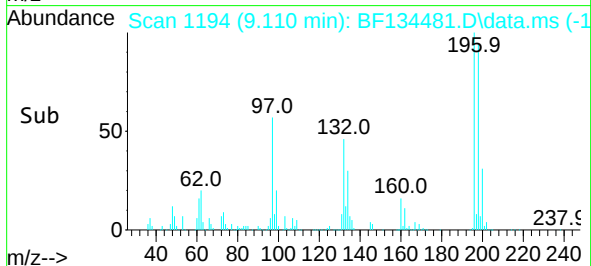
200 31.1 25.4 38.2

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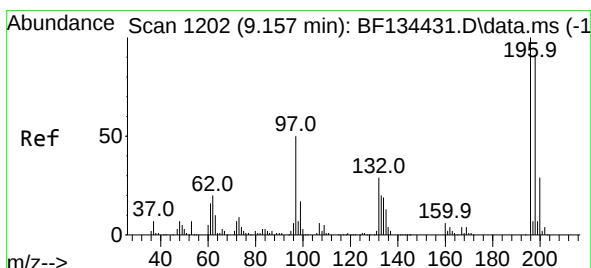
Supervised By :mohammad ahmed 07/27/2023



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ahmed

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#44

2,4,5-Trichlorophenol

Concen: 70.649 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF134481.D

Acq: 26 Jul 2023 14:29

Tgt Ion:196 Resp: 302233

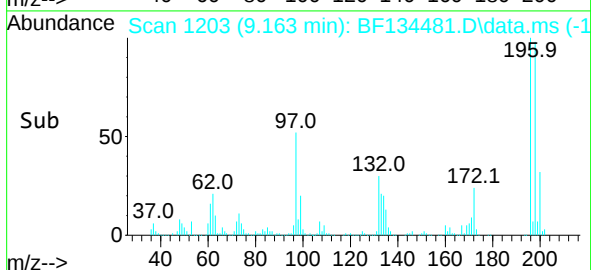
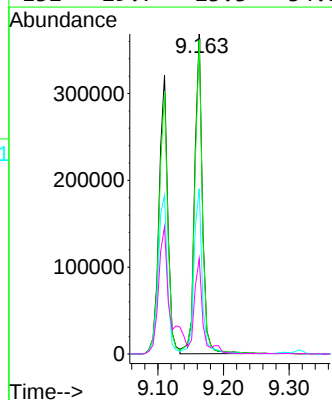
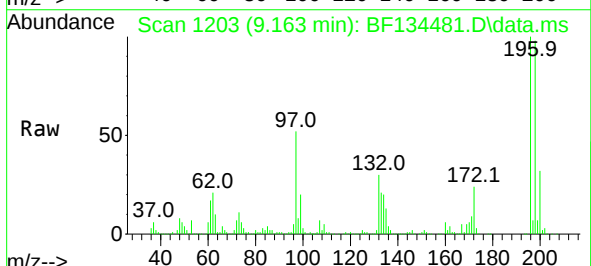
Ion Ratio Lower Upper

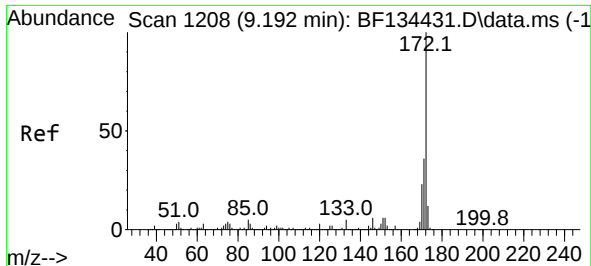
196 100

198 98.2 73.0 109.4

97 51.6 40.8 61.2

132 29.7 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 130.369 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

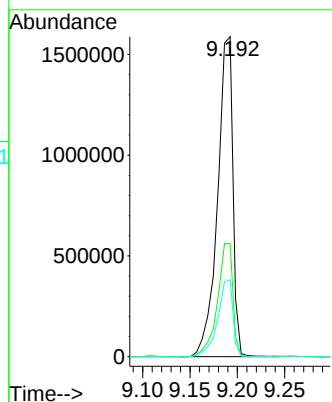
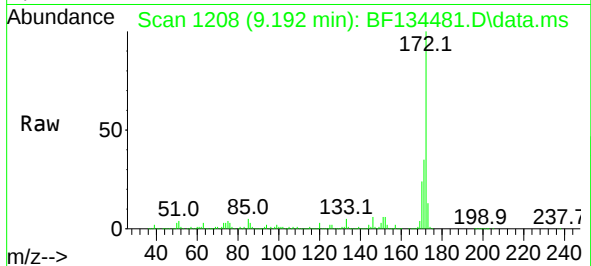
ClientSampleId :

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Tgt Ion:172 Resp: 179360
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 24.0 18.7 28.1

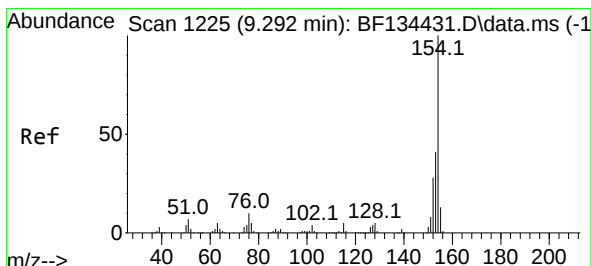
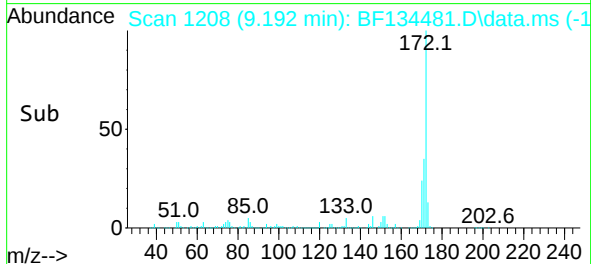
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Supervised By :mohammad ahmed 07/27/2023



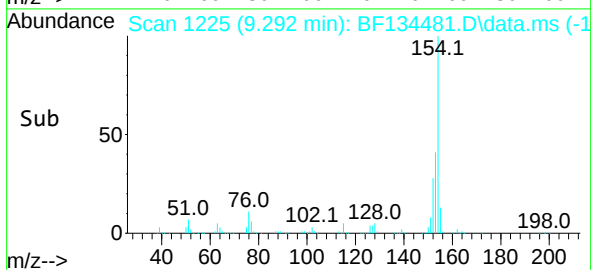
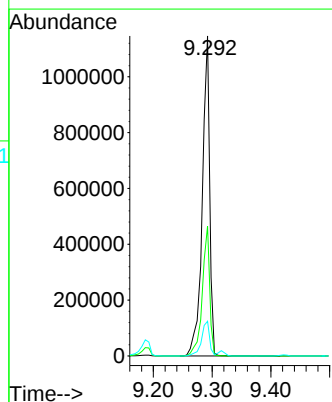
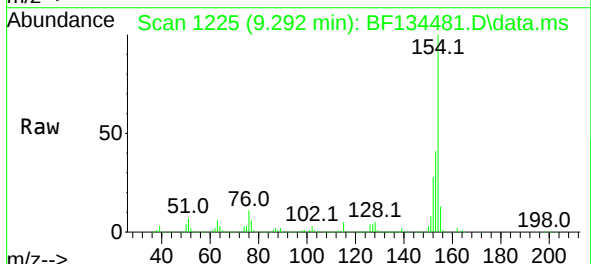
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ahmed

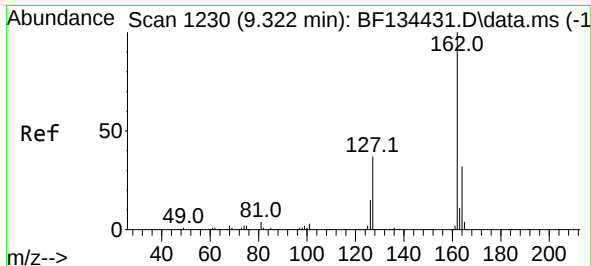
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#46
1,1'-Biphenyl
Concen: 67.627 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Tgt Ion:154 Resp: 1006687
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 10.8 0.0 30.2





#47
2-Chloronaphthalene
Concen: 42.709 ng
RT: 9.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

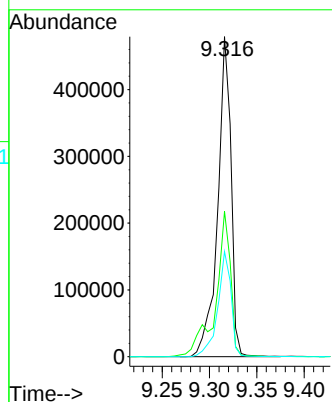
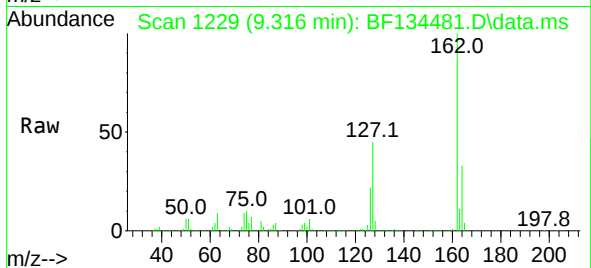
ClientSampleId :

PB154316BS

Tgt Ion:162 Resp: 46870
Ion Ratio Lower Upper
162 100
127 45.4 34.0 51.0
164 32.8 25.7 38.5

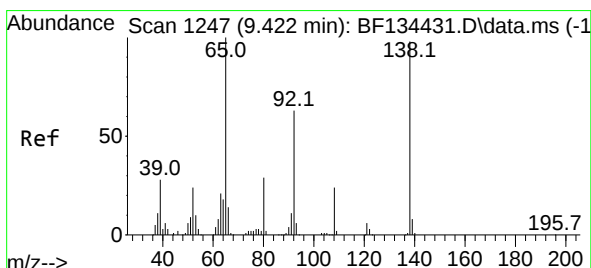
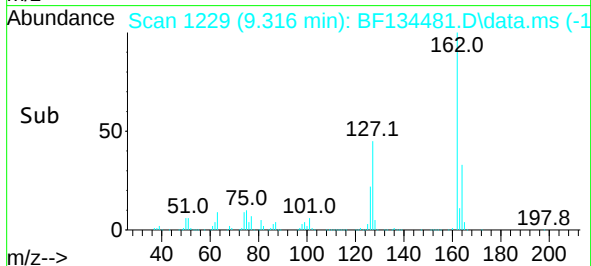
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Supervised By :mohammad ahmed 07/27/2023



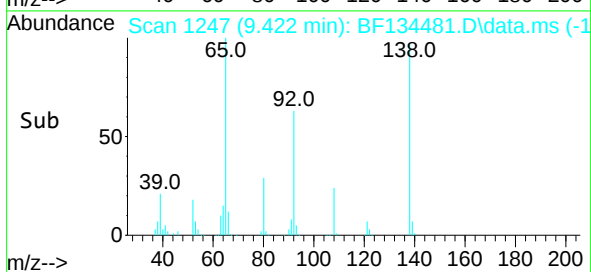
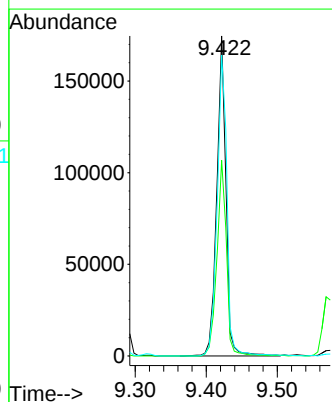
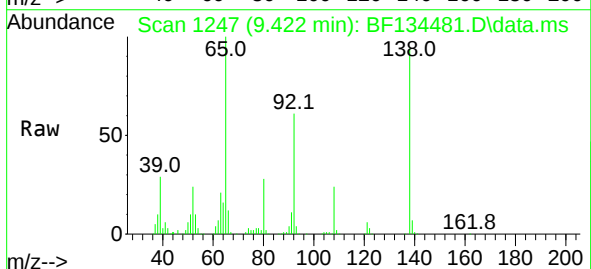
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ahmed

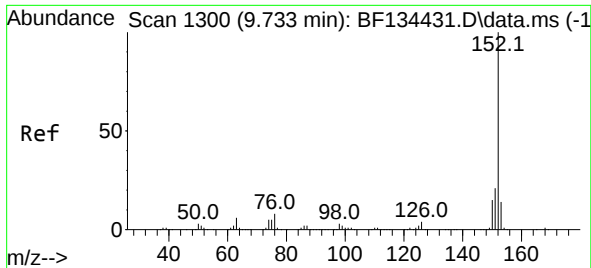
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#48
2-Nitroaniline
Concen: 39.817 ng
RT: 9.422 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Tgt Ion: 65 Resp: 157367
Ion Ratio Lower Upper
65 100
92 61.2 50.7 76.1
138 94.1 78.2 117.4





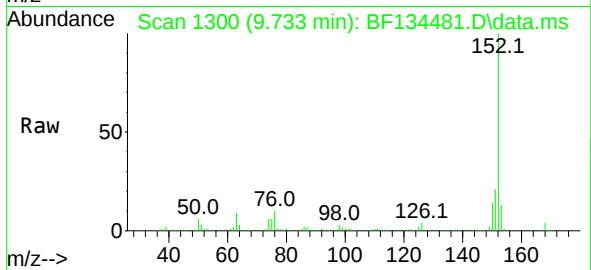
#49
Acenaphthylene
Concen: 39.112 ng
RT: 9.733 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Instrument :

BNF_F

ClientSampleId :

PB154316BS

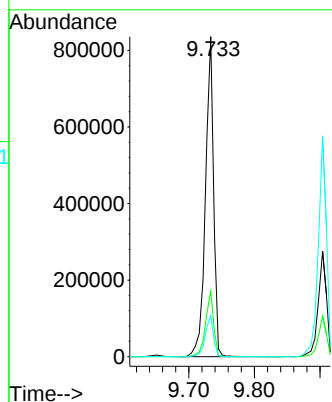
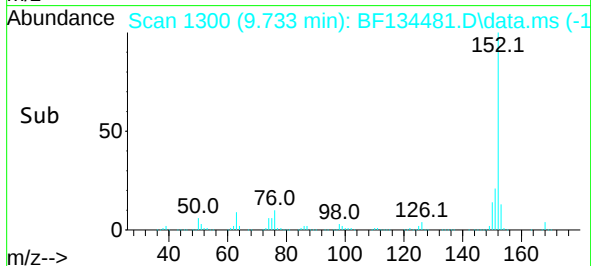


Tgt Ion:152 Resp: 725132
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 12.8 10.9 16.3

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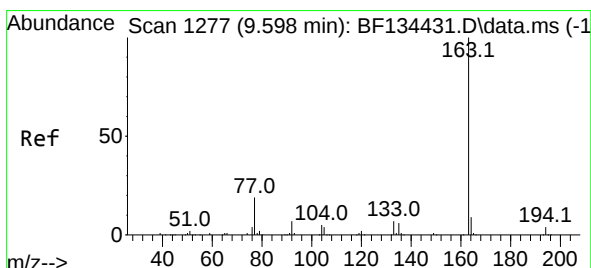
Reviewed By :Yogesh Patel 07/27/2023

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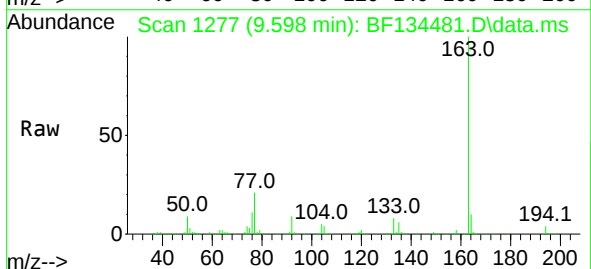


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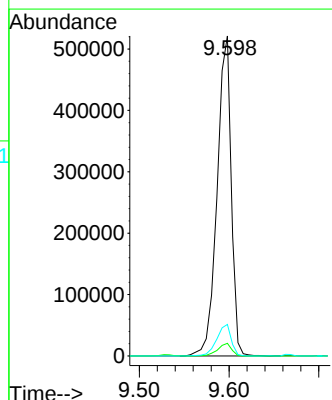
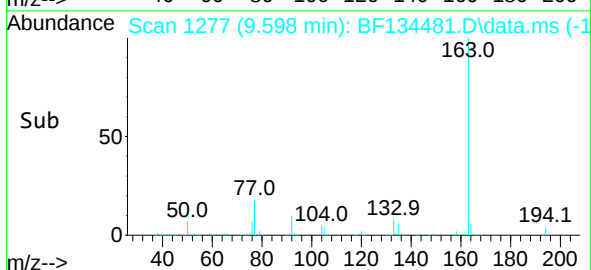
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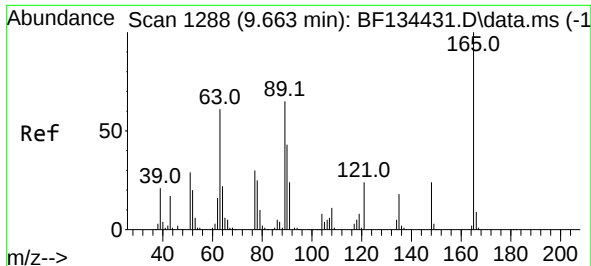


#50
Dimethylphthalate
Concen: 42.519 ng
RT: 9.598 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29



Tgt Ion:163 Resp: 569273
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 7.5 11.3





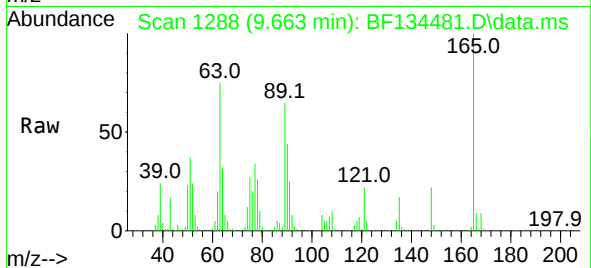
#51
2,6-Dinitrotoluene
Concen: 40.947 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

ClientSampleId :

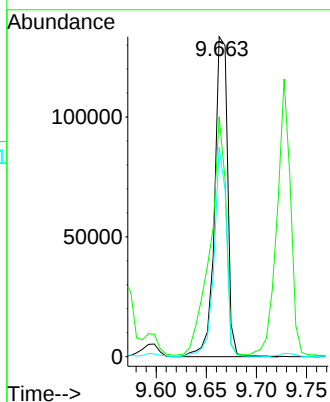
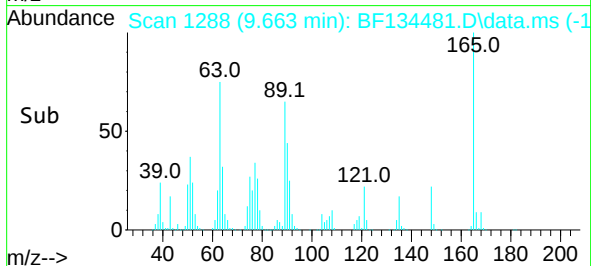
PB154316BS



Tgt Ion:165 Resp: 120293
Ion Ratio Lower Upper
165 100
63 75.0 57.8 86.6
89 65.4 51.8 77.8

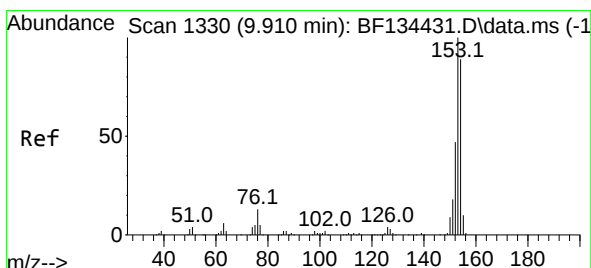
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Supervised By :mohammad ahmed 07/27/2023

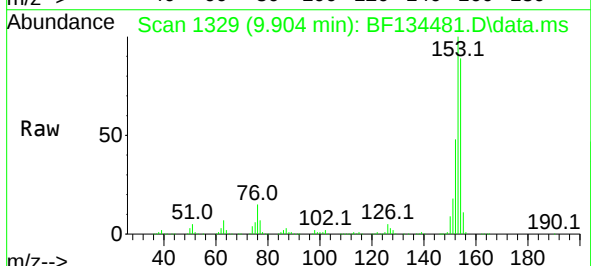


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ahmed

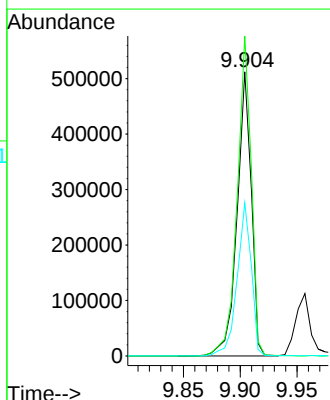
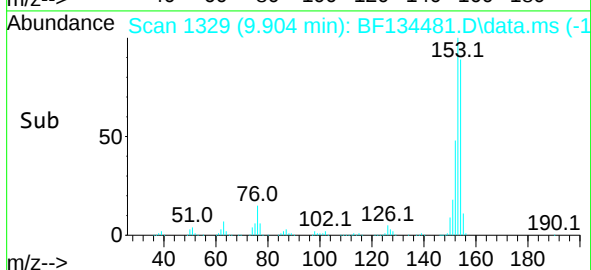
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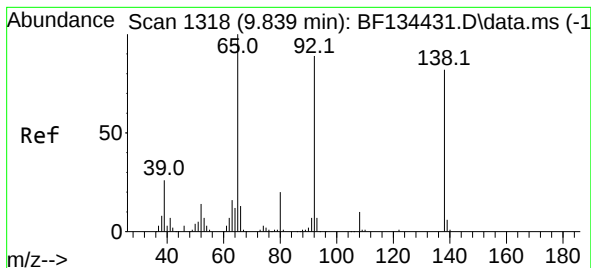


#52
Acenaphthene
Concen: 40.620 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29



Tgt Ion:154 Resp: 444870
Ion Ratio Lower Upper
154 100
153 112.6 90.0 135.0
152 53.9 42.4 63.6





#53

3-Nitroaniline

Concen: 20.929 ng

RT: 9.839 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134481.D

Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB154316BS

Tgt Ion:138 Resp: 7049

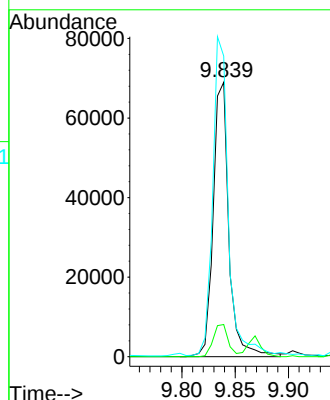
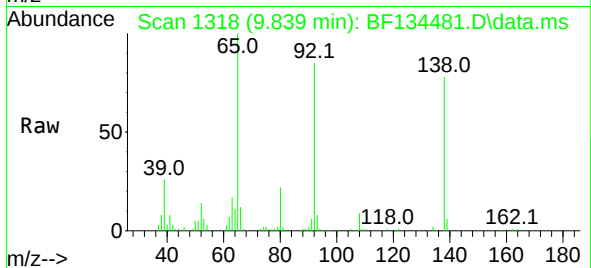
Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.3	13.9
92	109.6	86.6	129.8

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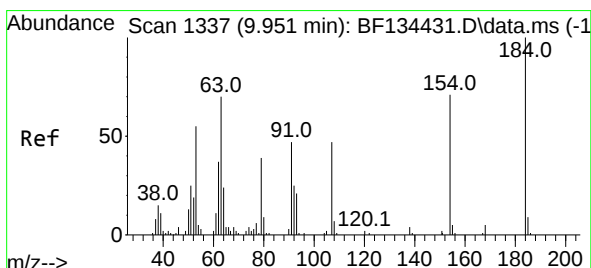
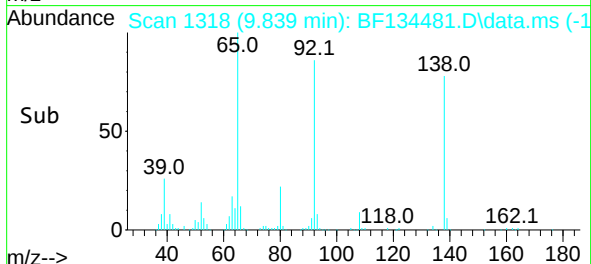
Supervised By :mohammad ahmed 07/27/2023



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Supervised By :mohammad ahmed

07/27/2023



#54

2,4-Dinitrophenol

Concen: 90.464 ng

RT: 9.957 min Scan# 1338

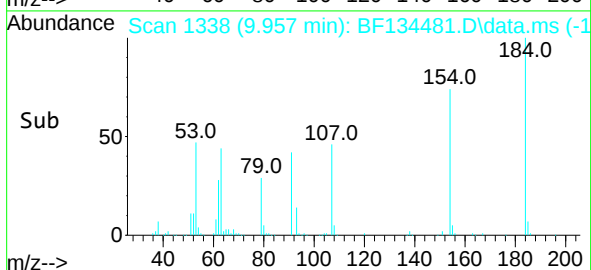
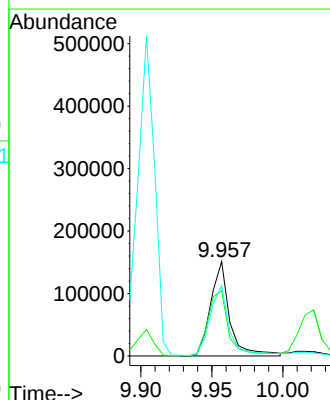
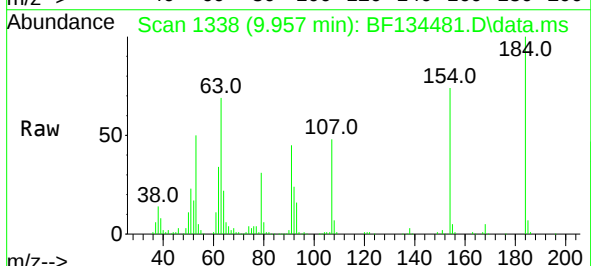
Delta R.T. 0.006 min

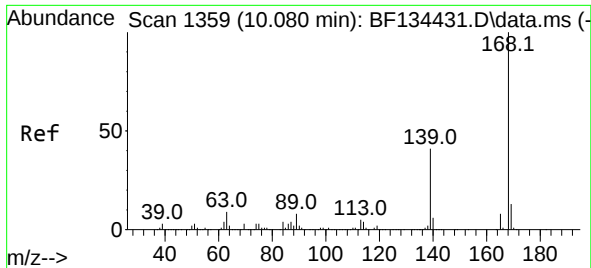
Lab File: BF134481.D

Acq: 26 Jul 2023 14:29

Tgt Ion:184 Resp: 140874

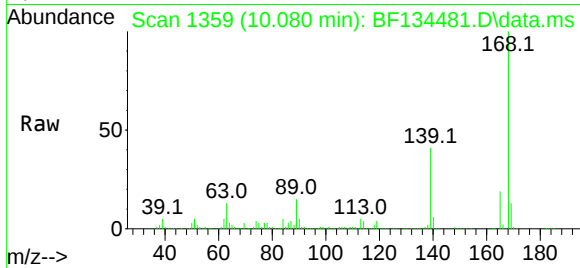
Ion	Ratio	Lower	Upper
184	100		
63	69.0	57.1	85.7
154	74.4	59.1	88.7





#55
Dibenzenofuran
Concen: 40.054 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

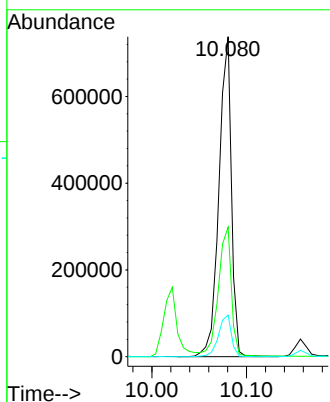
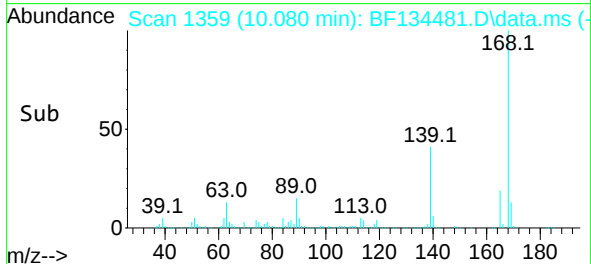
Instrument :
BNA_F
ClientSampleId :
PB154316BS



Tgt Ion:168 Resp: 675168
Ion Ratio Lower Upper
168 100
139 40.5 33.4 50.2
169 13.0 10.6 15.8

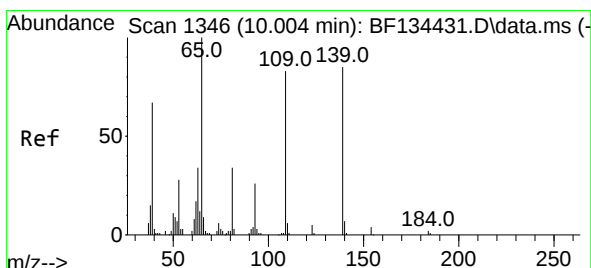
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Supervised By :mohammad ahmed 07/27/2023

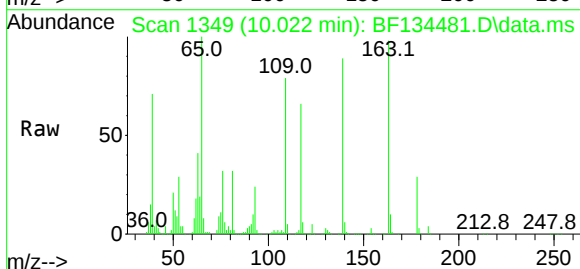


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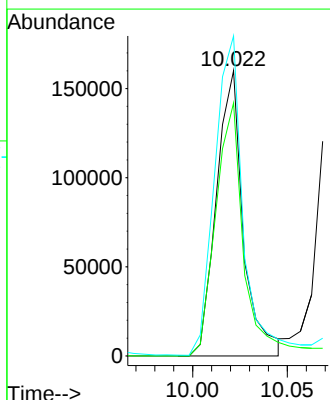
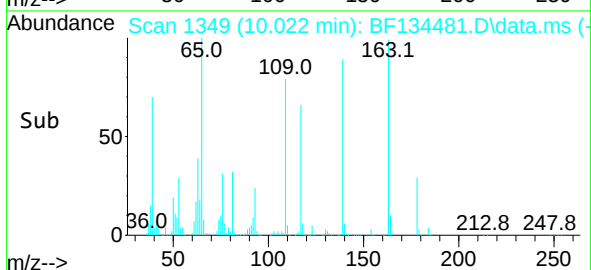
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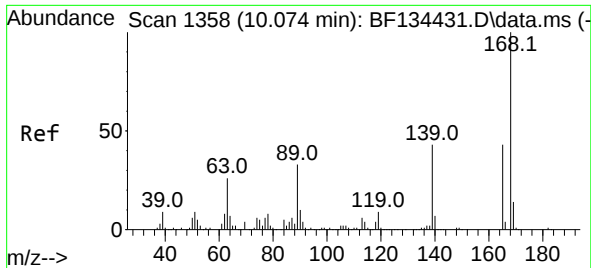


#56
4-Nitrophenol
Concen: 88.062 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.018 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29



Tgt Ion:139 Resp: 158178
Ion Ratio Lower Upper
139 100
109 88.7 76.9 116.9
65 112.2 98.5 138.5





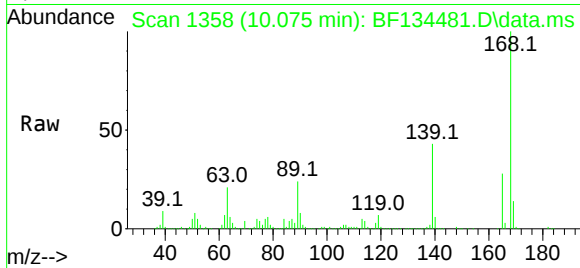
#57
2,4-Dinitrotoluene
Concen: 40.855 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB154316BS



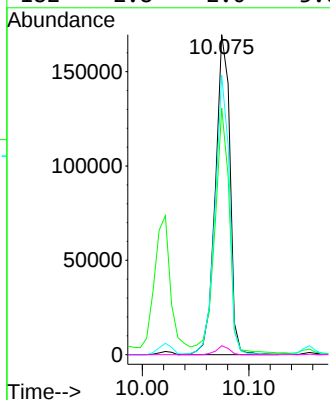
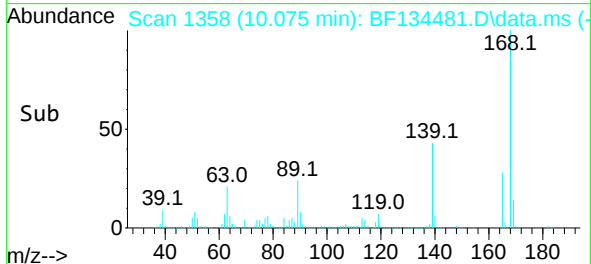
Tgt Ion:165 Resp: 161208
Ion Ratio Lower Upper
165 100
63 77.0 48.9 73.3
89 87.3 61.7 92.5
182 2.8 2.0 3.0

Manual Integrations

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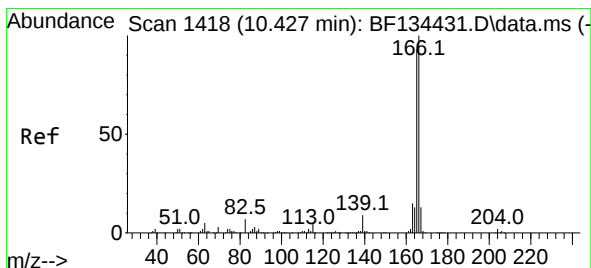
Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023

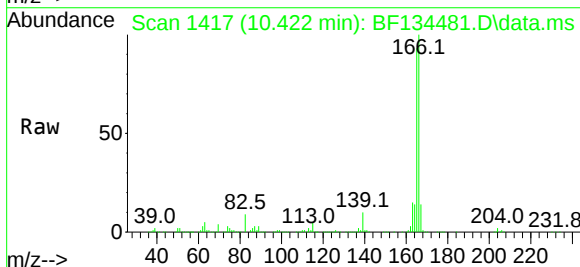


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Supervised By :mohammad
ahmed

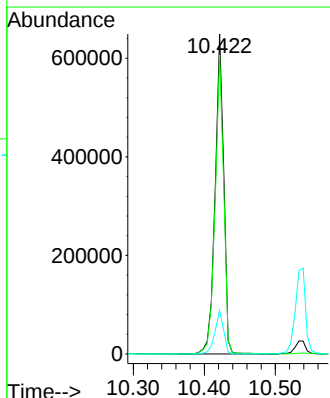
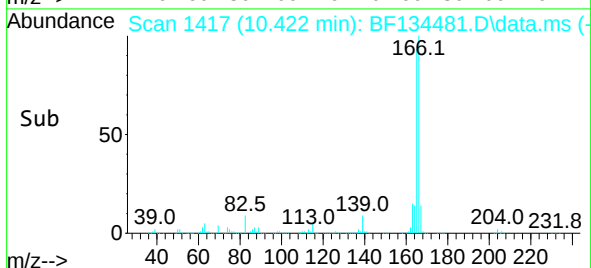
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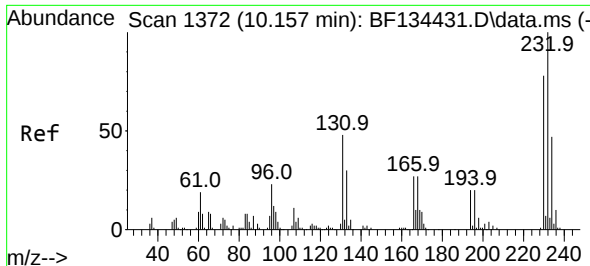


#58
Fluorene
Concen: 40.347 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.005 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29



Tgt Ion:166 Resp: 548656
Ion Ratio Lower Upper
166 100
165 93.4 74.5 111.7
167 13.6 10.6 16.0





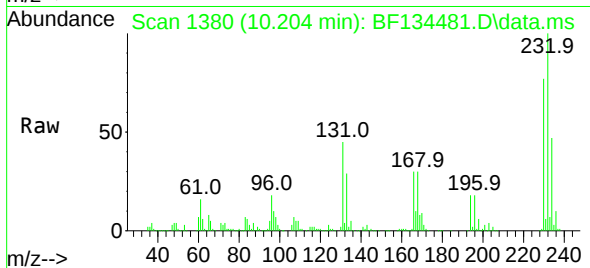
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.985 ng m
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB154316BS

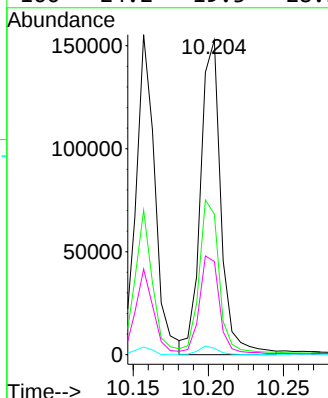
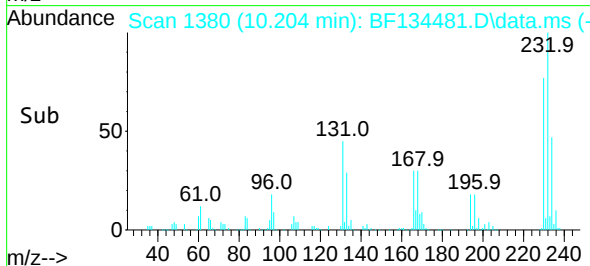


Tgt Ion:232 Resp: 144570
Ion Ratio Lower Upper
232 100
131 40.1 33.4 50.0
130 2.2 1.8 2.6
166 24.2 19.3 28.9

Manual Integrations

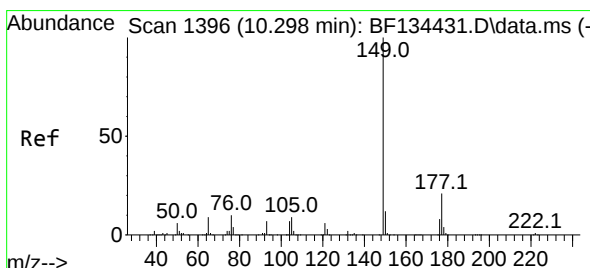
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Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023

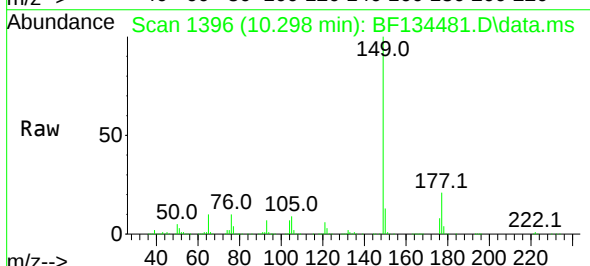


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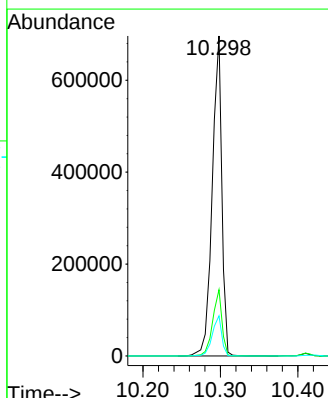
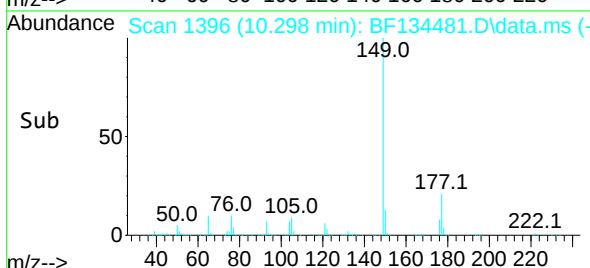
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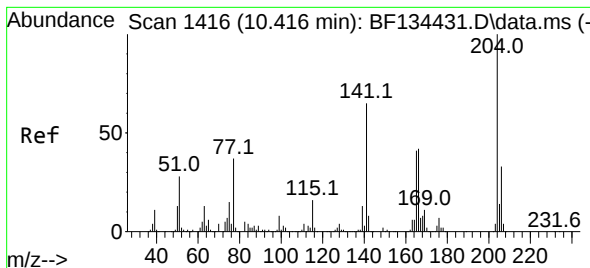


#60
Diethylphthalate
Concen: 43.064 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29



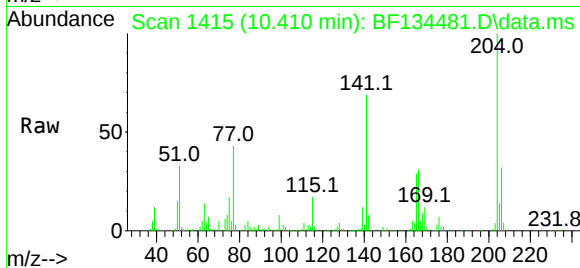
Tgt Ion:149 Resp: 596951
Ion Ratio Lower Upper
149 100
177 20.7 17.0 25.4
150 12.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.117 ng
RT: 10.410 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

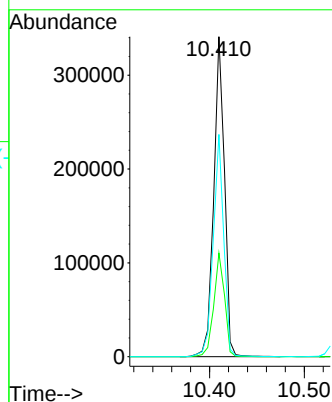
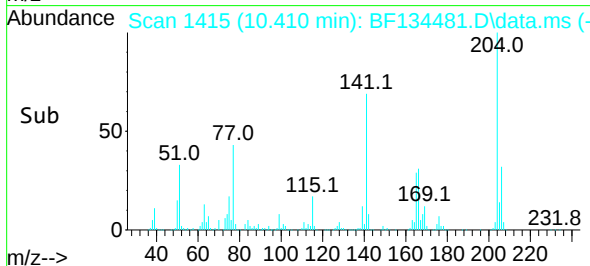
Instrument :
BNA_F
ClientSampleId :
PB154316BS



Tgt Ion:204 Resp: 267098
Ion Ratio Lower Upper
204 100
206 32.4 26.0 39.0
141 69.5 52.2 78.4

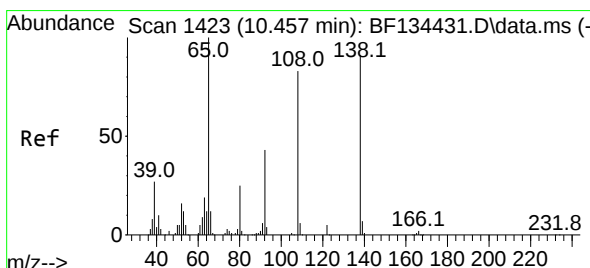
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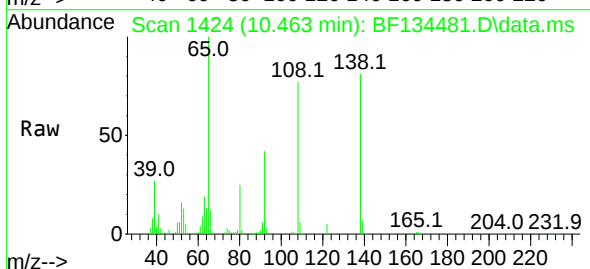


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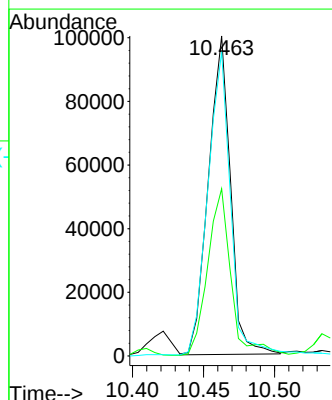
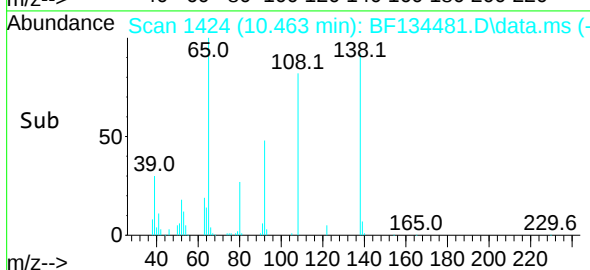
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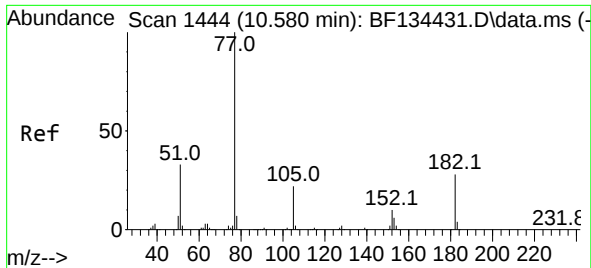


#62
4-Nitroaniline
Concen: 31.320 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29



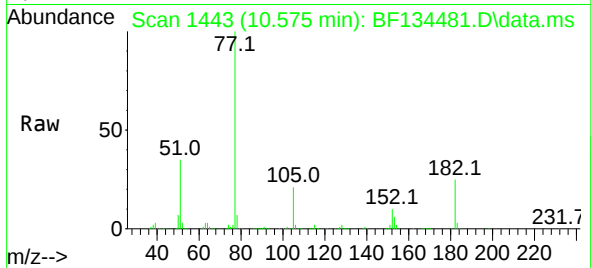
Tgt Ion:138 Resp: 108235
Ion Ratio Lower Upper
138 100
92 52.2 27.0 67.0
108 95.1 70.4 110.4





#63
Azobenzene
Concen: 41.619 ng
RT: 10.575 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

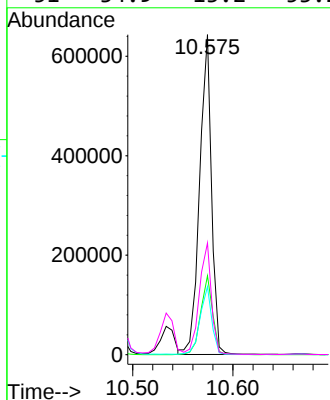
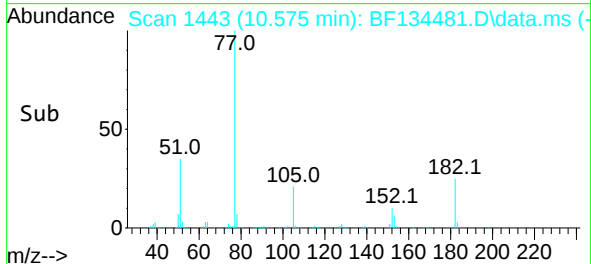
Instrument :
BNA_F
ClientSampleId :
PB154316BS



Tgt Ion: 77 Resp: 531028
Ion Ratio Lower Upper
77 100
182 24.6 7.5 47.5
105 21.2 1.9 41.9
51 34.9 13.2 53.2

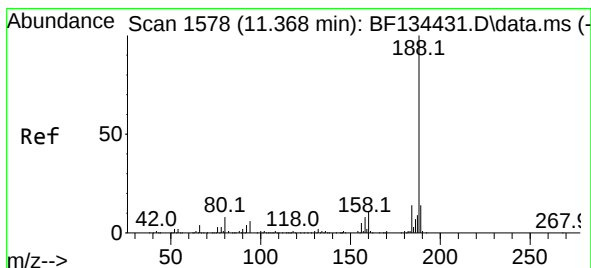
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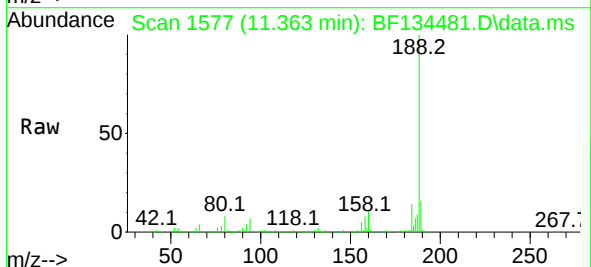


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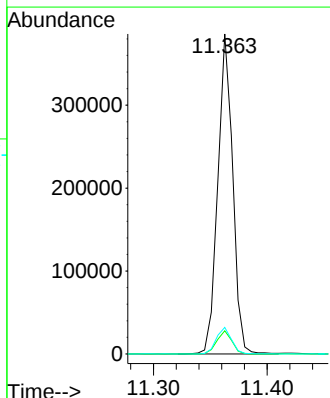
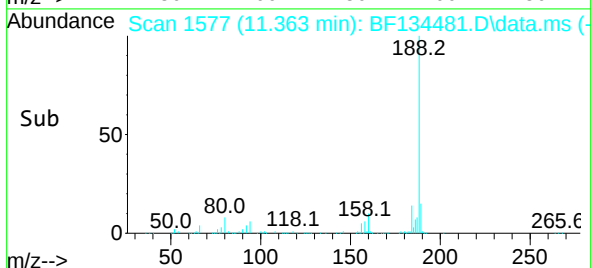
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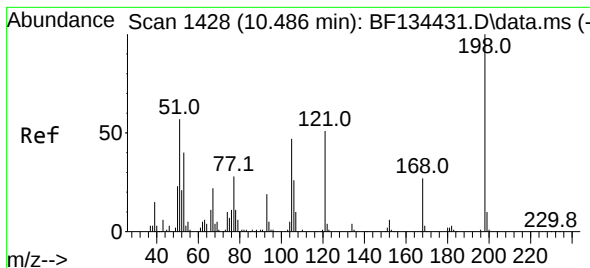


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29



Tgt Ion:188 Resp: 352979
Ion Ratio Lower Upper
188 100
94 7.2 5.1 7.7
80 8.3 6.6 9.8





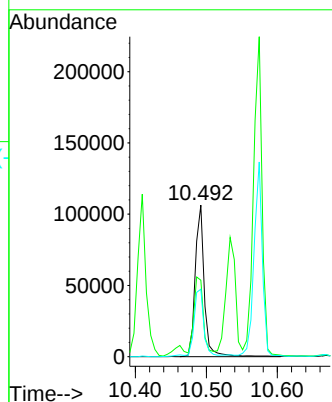
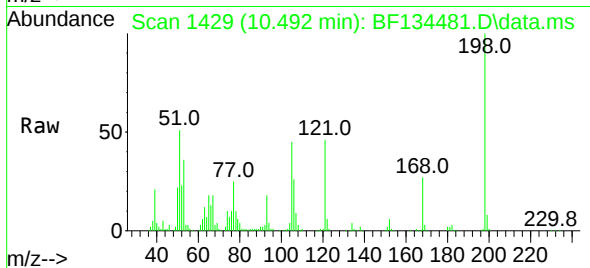
#65
4,6-Dinitro-2-methylphenol
Concen: 46.843 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Instrument :
BNA_F
ClientSampleId :
PB154316BS

Tgt Ion:198 Resp: 94840
Ion Ratio Lower Upper
198 100
51 50.5 38.6 78.6
105 44.5 27.9 67.9

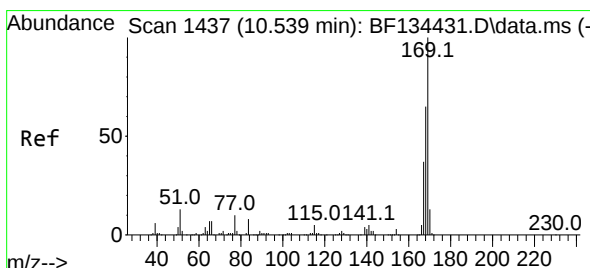
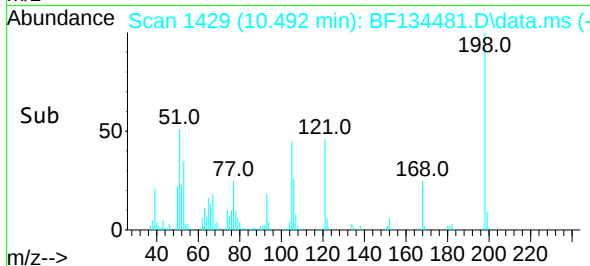
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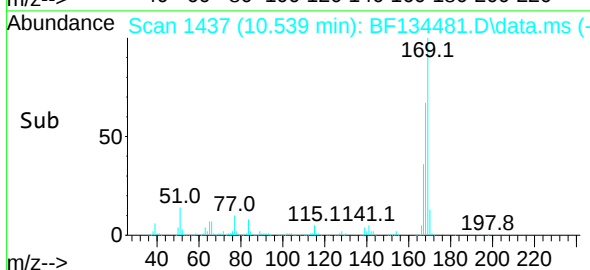
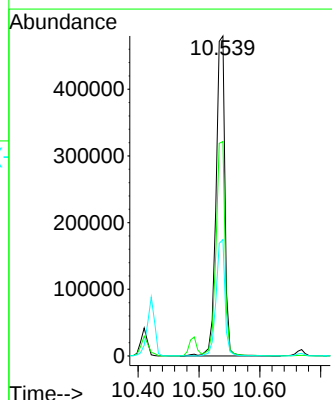
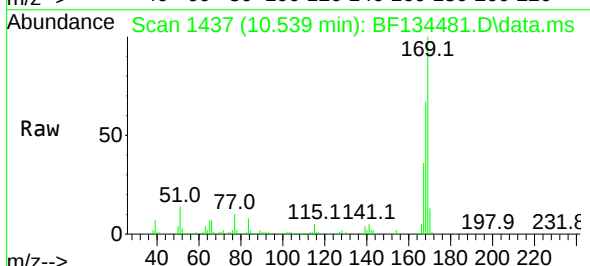
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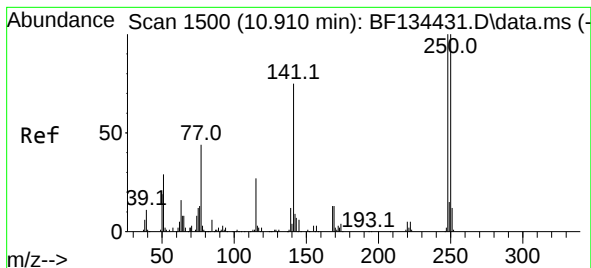
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#66
n-Nitrosodiphenylamine
Concen: 42.968 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Tgt Ion:169 Resp: 482532
Ion Ratio Lower Upper
169 100
168 67.0 52.6 78.8
167 36.4 29.8 44.8





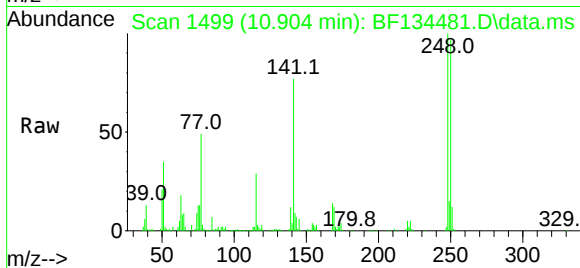
#67
4-Bromophenyl-phenylether
Concen: 44.074 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

ClientSampleId :

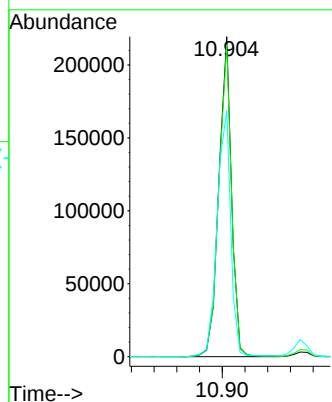
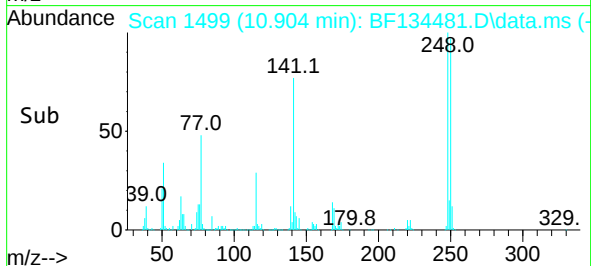
PB154316BS



Tgt Ion:248 Resp: 17045
Ion Ratio Lower Upper
248 100
250 97.5 79.6 119.4
141 76.9 59.6 89.4

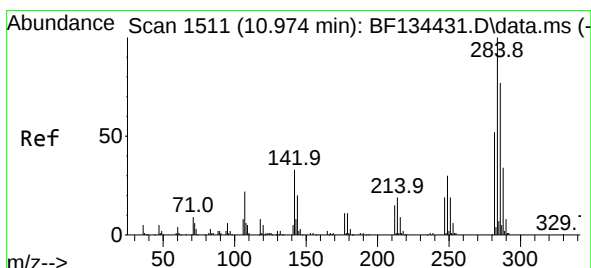
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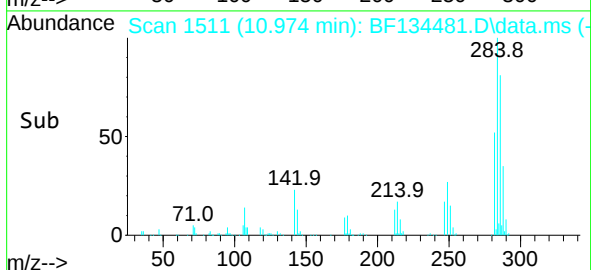
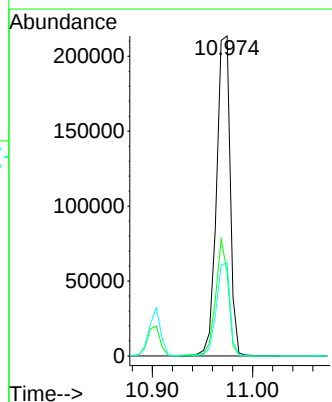
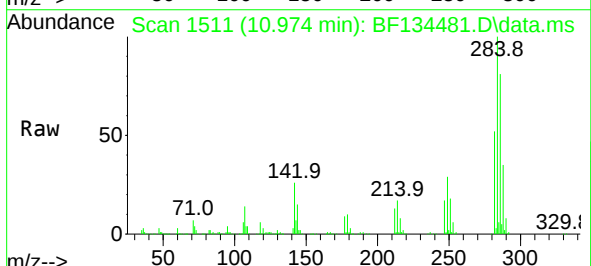
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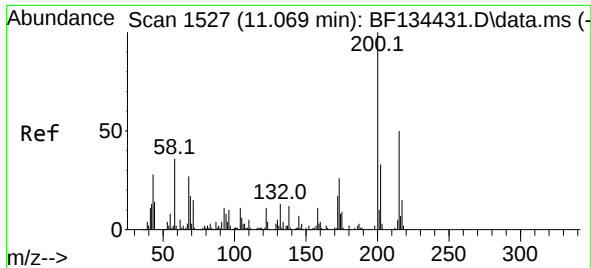
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#68
Hexachlorobenzene
Concen: 46.358 ng
RT: 10.974 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Tgt Ion:284 Resp: 201888
Ion Ratio Lower Upper
284 100
142 26.3 26.5 39.7#
249 29.1 23.8 35.8





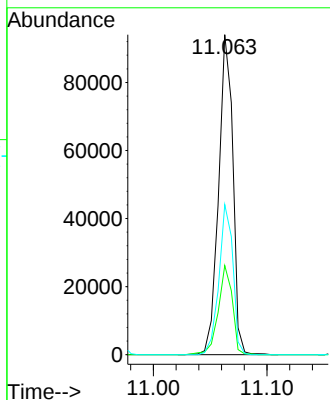
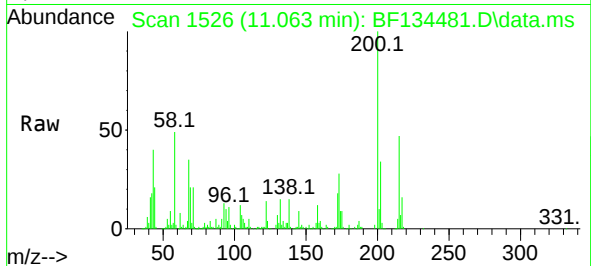
#69
 Atrazine
 Concen: 26.274 ng
 RT: 11.063 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF134481.D
 Acq: 26 Jul 2023 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PB154316BS

Tgt Ion:200 Resp: 82264
 Ion Ratio Lower Upper
 200 100
 173 27.9 6.1 46.1
 215 46.9 29.7 69.7

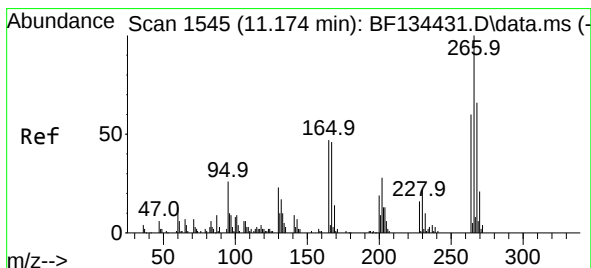
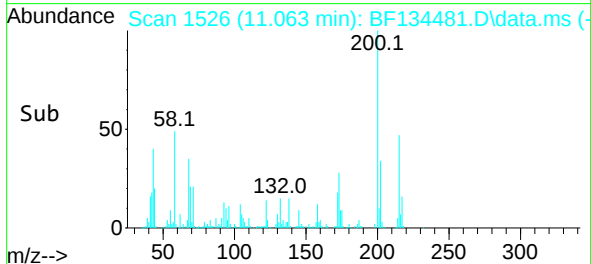
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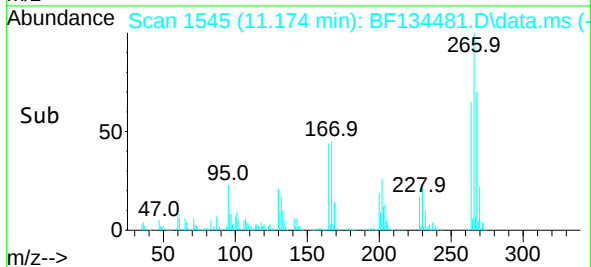
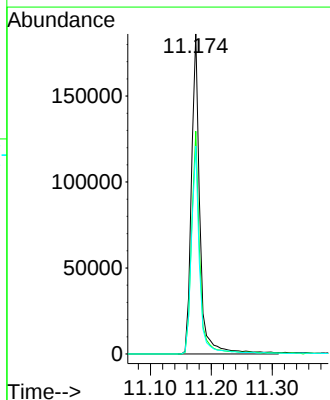
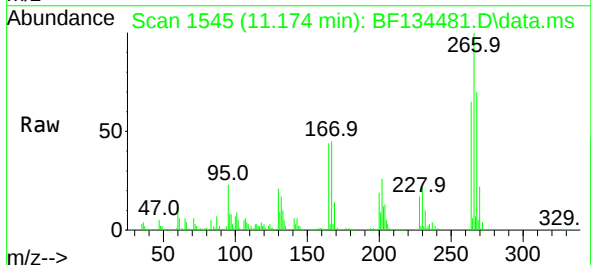
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 ahmed

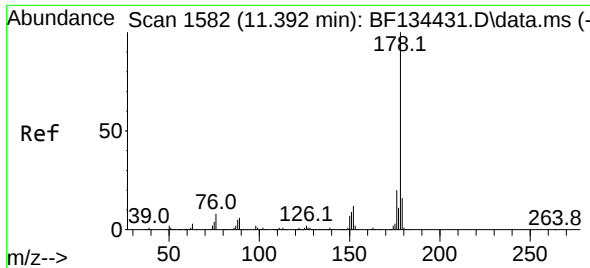
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#70
 Pentachlorophenol
 Concen: 98.942 ng
 RT: 11.174 min Scan# 1545
 Delta R.T. 0.000 min
 Lab File: BF134481.D
 Acq: 26 Jul 2023 14:29

Tgt Ion:266 Resp: 180831
 Ion Ratio Lower Upper
 266 100
 268 69.6 52.9 79.3
 264 64.9 47.8 71.6





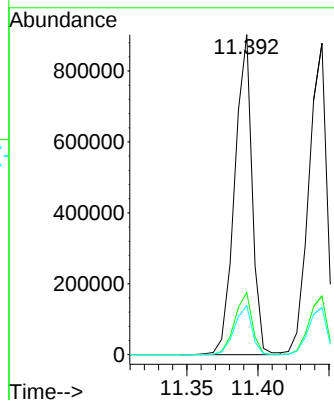
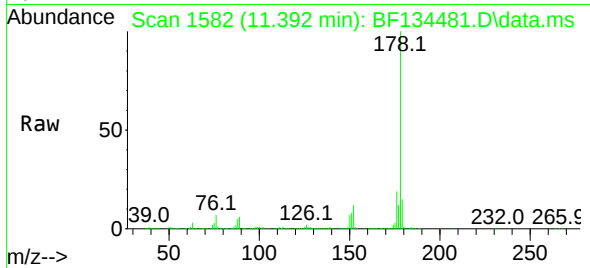
#71
Phenanthrene
Concen: 41.727 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Instrument :
BNA_F
ClientSampleId :
PB154316BS

Tgt Ion:178 Resp: 76955
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.3 12.7 19.1

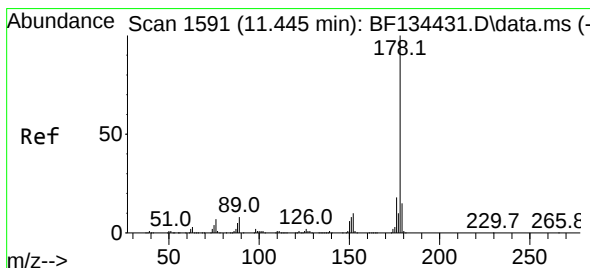
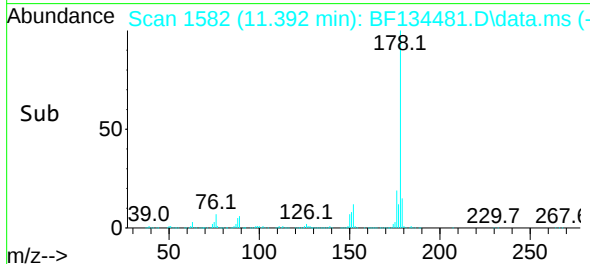
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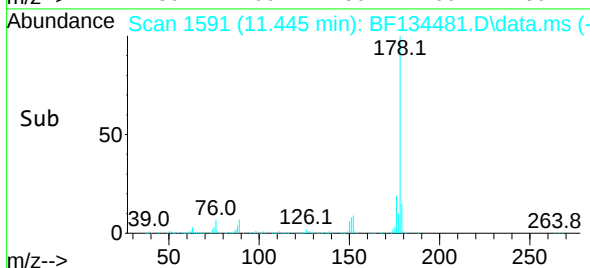
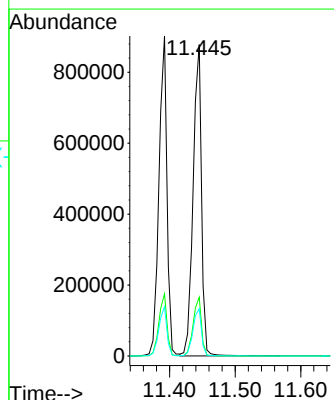
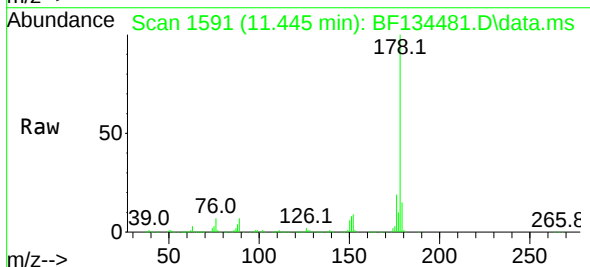
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Supervised By :mohammad
ahmed

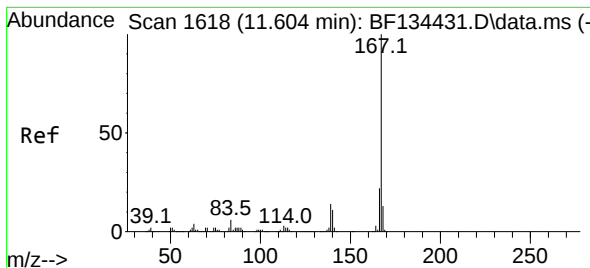
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#72
Anthracene
Concen: 41.092 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

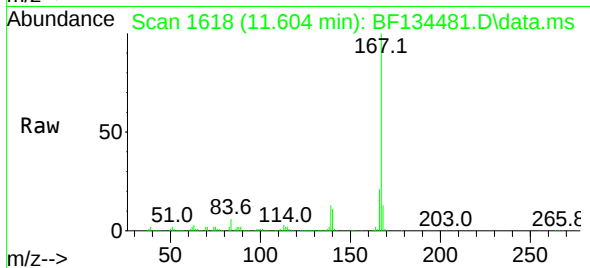
Tgt Ion:178 Resp: 782172
Ion Ratio Lower Upper
178 100
176 18.8 14.6 21.8
179 15.1 12.3 18.5





#73
 Carbazole
 Concen: 40.218 ng
 RT: 11.604 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: BF134481.D
 Acq: 26 Jul 2023 14:29

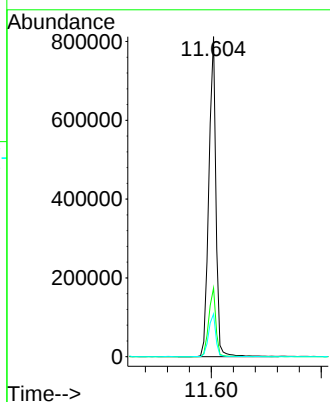
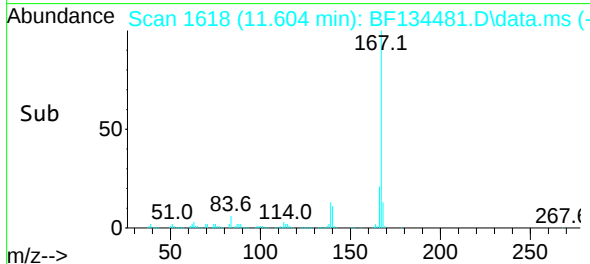
Instrument :
 BNA_F
 ClientSampleId :
 PB154316BS



Tgt Ion:167 Resp: 72089
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 13.4 11.0 16.4

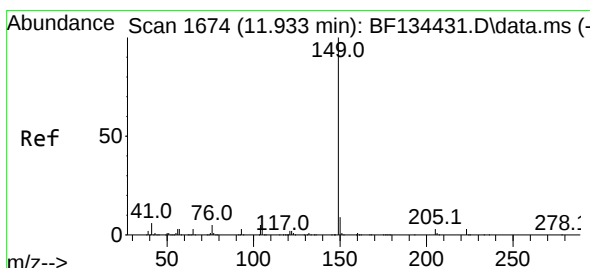
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Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023

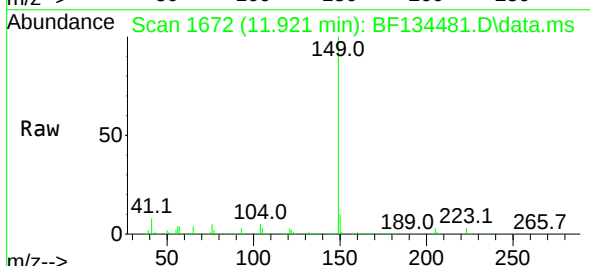


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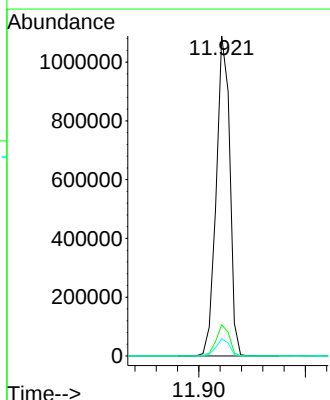
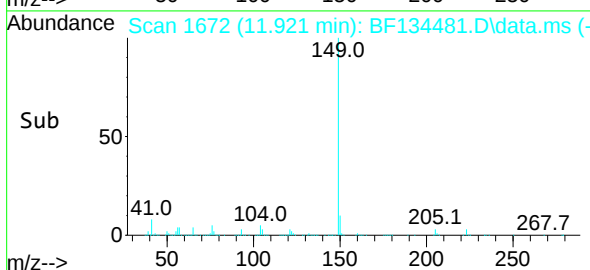
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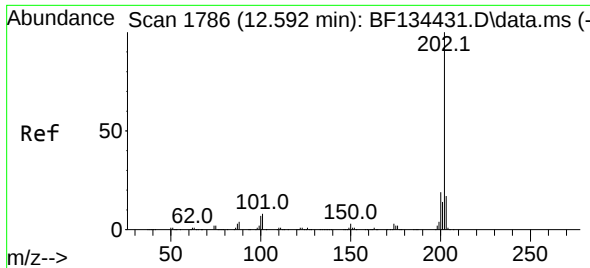


#74
 Di-n-butylphthalate
 Concen: 46.523 ng
 RT: 11.921 min Scan# 1672
 Delta R.T. -0.012 min
 Lab File: BF134481.D
 Acq: 26 Jul 2023 14:29



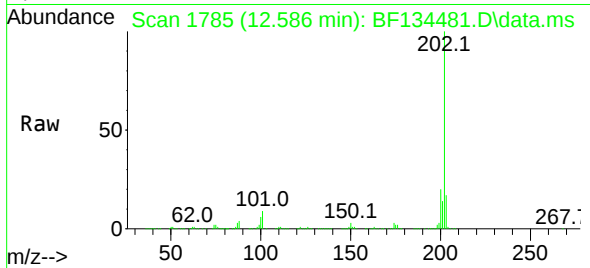
Tgt Ion:149 Resp: 957262
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.2 10.8
 104 5.4 3.8 5.8





#75
Fluoranthene
Concen: 39.707 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

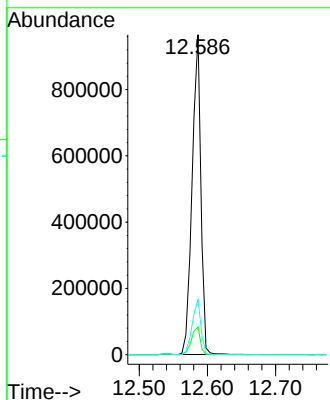
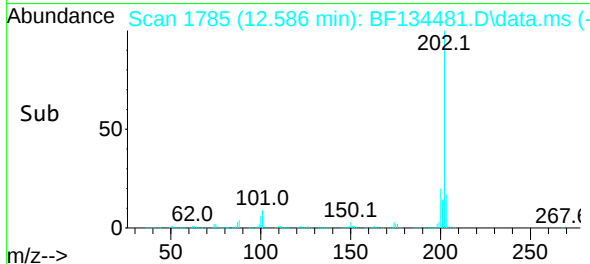
Instrument :
BNA_F
ClientSampleId :
PB154316BS



Tgt Ion:202 Resp: 853449
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.5
203 17.2 0.0 37.5

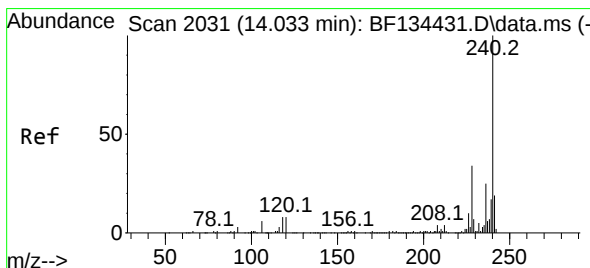
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Supervised By :mohammad ahmed 07/27/2023

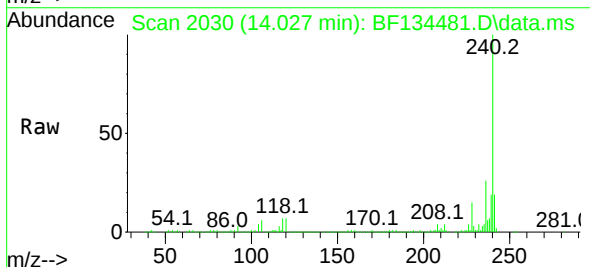


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ahmed

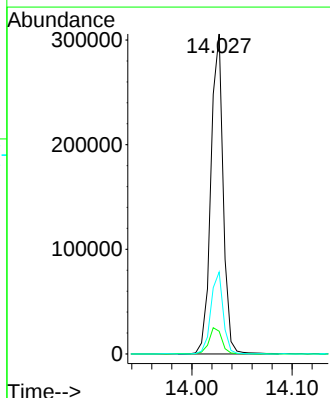
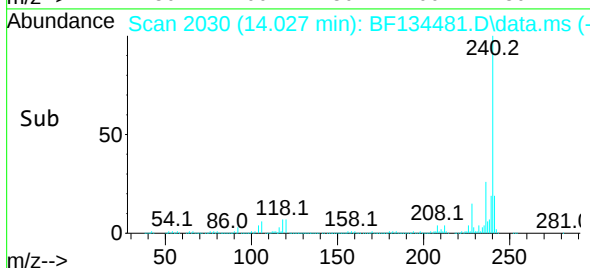
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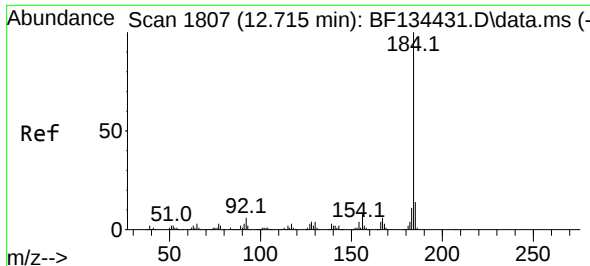


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29



Tgt Ion:240 Resp: 260673
Ion Ratio Lower Upper
240 100
120 7.1 6.6 10.0
236 25.6 20.2 30.2





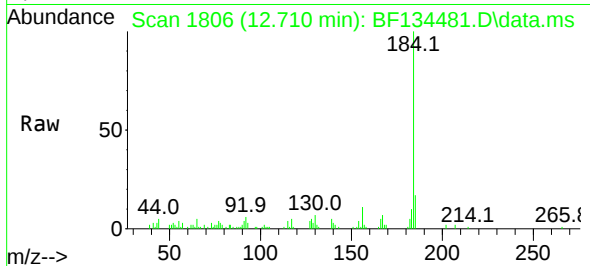
#77
Benzidine
Concen: 4.955 ng
RT: 12.710 min Scan# 1806
Delta R.T. -0.005 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB154316BS



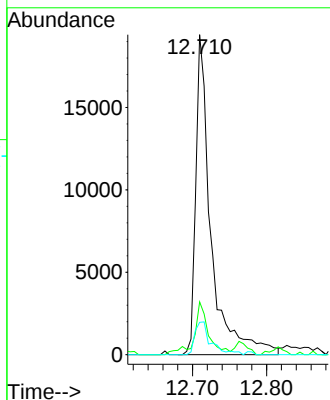
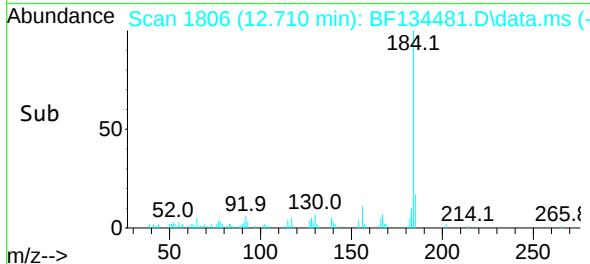
Tgt Ion:184 Resp: 27579
Ion Ratio Lower Upper
184 100
185 16.5 11.2 16.8
183 10.1 8.6 13.0

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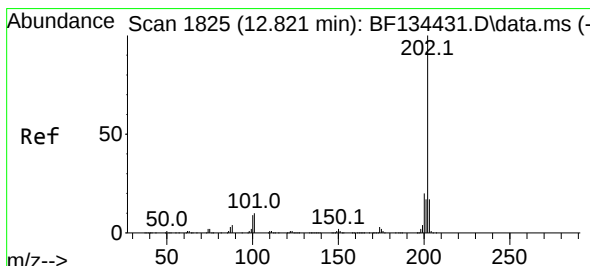
Reviewed By :Yogesh Patel 07/27/2023

Supervised By :mohammad ahmed 07/27/2023

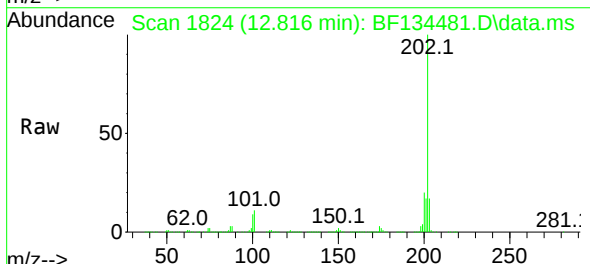


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Supervised By :mohammad
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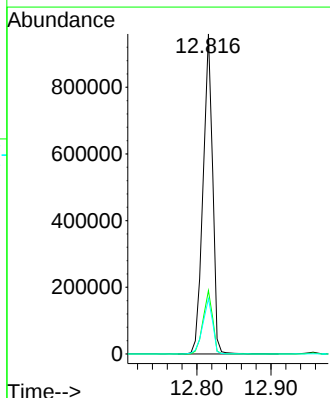
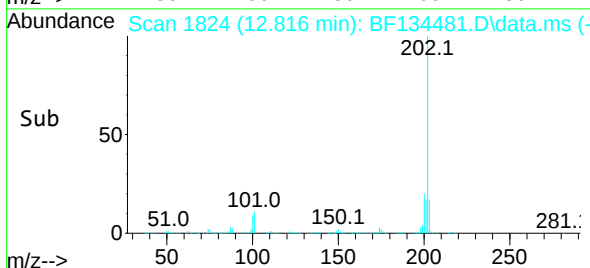
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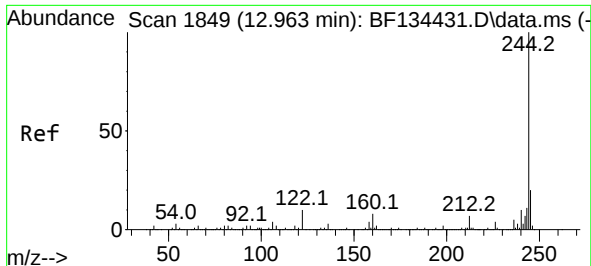


#78
Pyrene
Concen: 41.516 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29



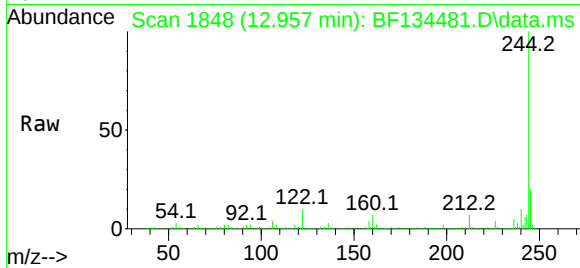
Tgt Ion:202 Resp: 860487
Ion Ratio Lower Upper
202 100
200 19.8 15.8 23.8
203 17.3 13.5 20.3





#79
 Terphenyl-d14
 Concen: 88.476 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF134481.D
 Acq: 26 Jul 2023 14:29

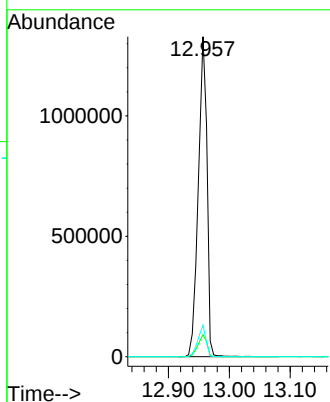
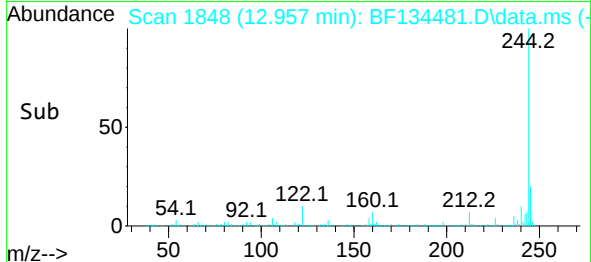
Instrument :
 BNA_F
 ClientSampleId :
 PB154316BS



Tgt Ion:244 Resp: 1321179
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 9.8 8.0 12.0

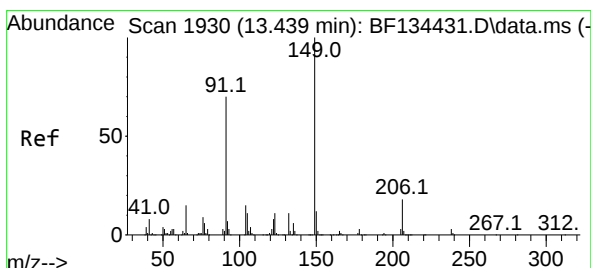
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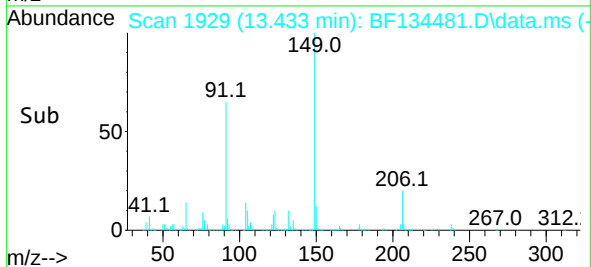
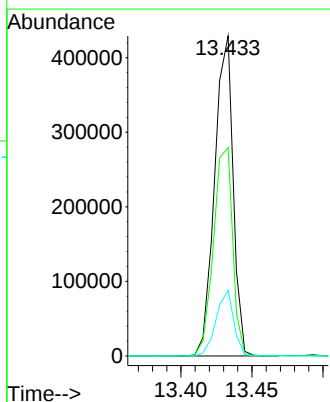
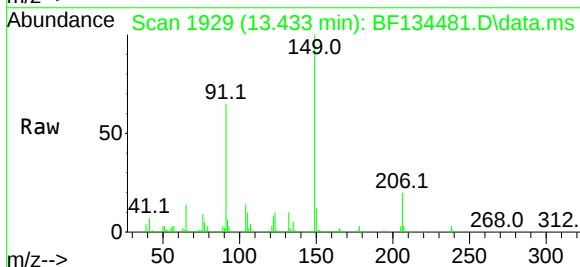
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 ahmed

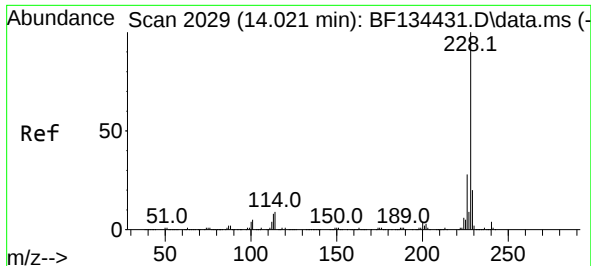
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#80
 Butylbenzylphthalate
 Concen: 46.791 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF134481.D
 Acq: 26 Jul 2023 14:29

Tgt Ion:149 Resp: 388480
 Ion Ratio Lower Upper
 149 100
 91 65.1 55.8 83.6
 206 20.5 14.6 21.8





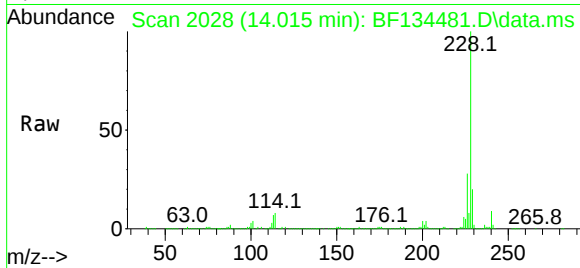
#81
Benzo(a)anthracene
Concen: 41.763 ng
RT: 14.015 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB154316BS



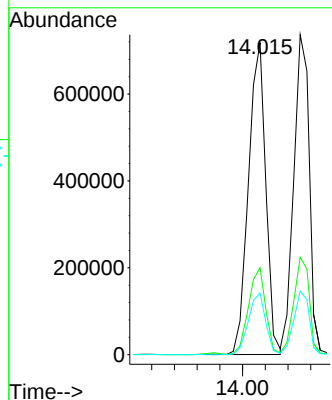
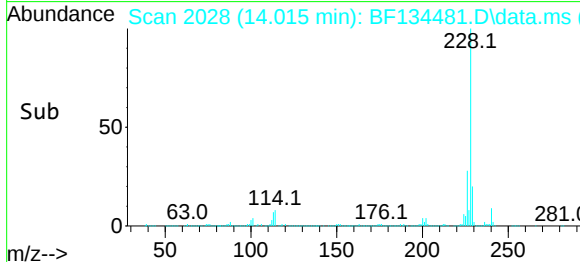
Tgt Ion:228 Resp: 75953
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 19.8 15.8 23.6

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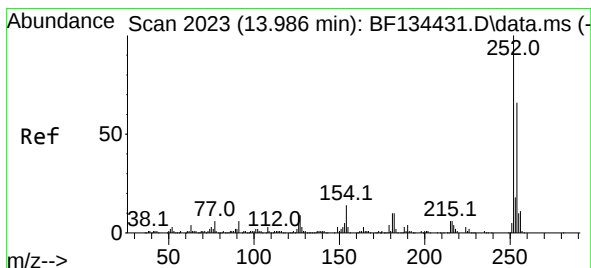
Supervised By :mohammad ahmed 07/27/2023



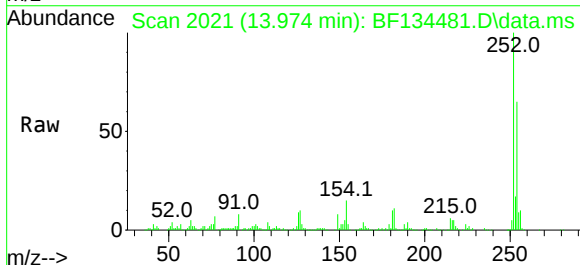
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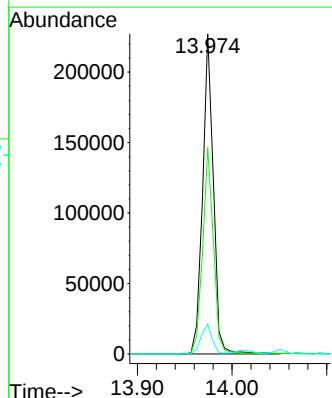
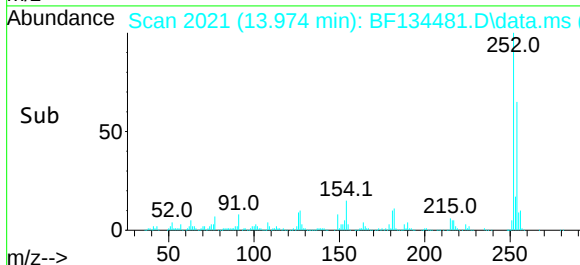
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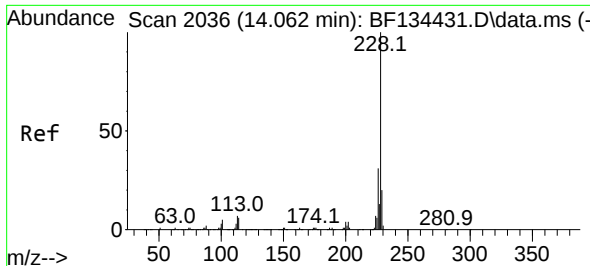


#82
3,3'-Dichlorobenzidine
Concen: 31.208 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29



Tgt Ion:252 Resp: 179764
Ion Ratio Lower Upper
252 100
254 64.5 52.7 79.1
126 9.3 7.2 10.8





#83
Chrysene
Concen: 40.299 ng
RT: 14.051 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

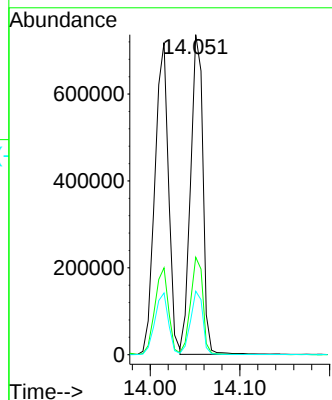
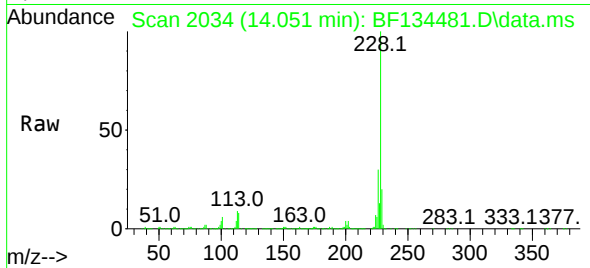
ClientSampleId :

PB154316BS

Tgt Ion:228 Resp: 701019
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 19.9 15.8 23.8

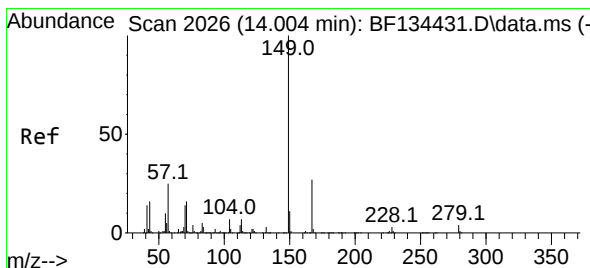
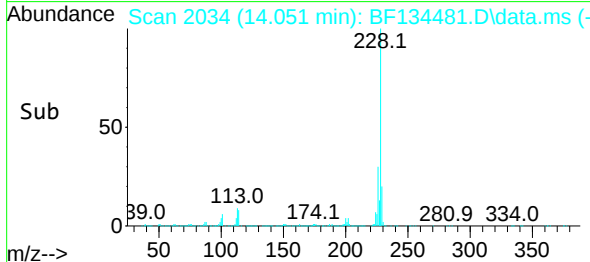
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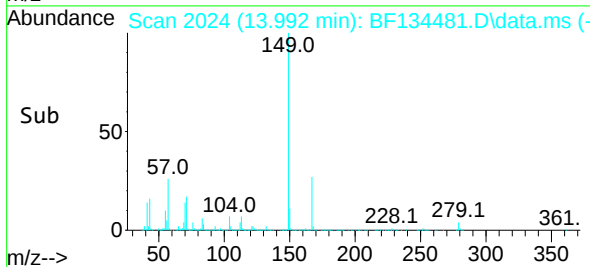
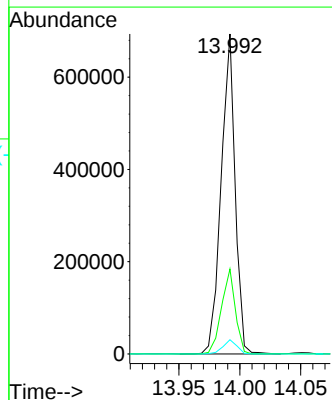
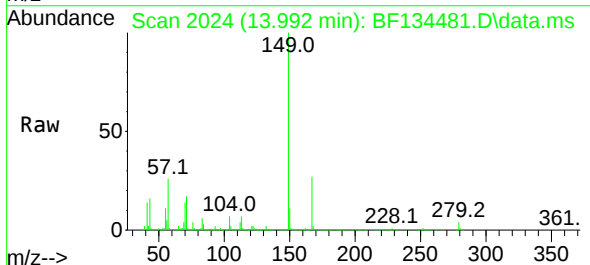
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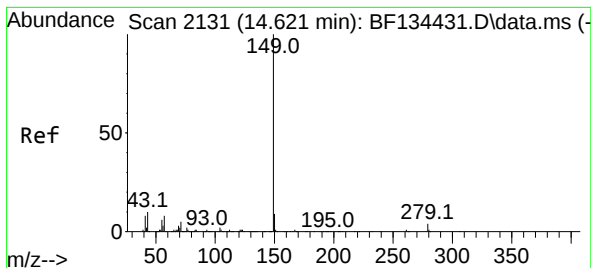
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#84
Bis(2-ethylhexyl)phthalate
Concen: 55.130 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Tgt Ion:149 Resp: 556071
Ion Ratio Lower Upper
149 100
167 26.5 21.6 32.4
279 4.5 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 64.046 ng

RT: 14.610 min Scan# 2131

Delta R.T. -0.012 min

Lab File: BF134481.D

Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

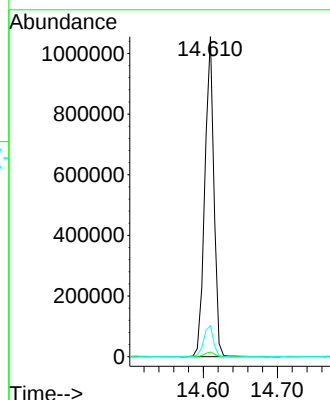
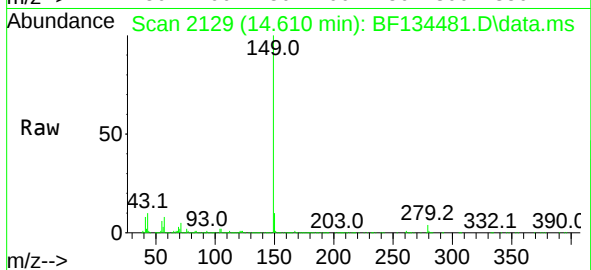
ClientSampleId :

PB154316BS

Tgt Ion:149 Resp: 897734
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.1 8.1 12.1

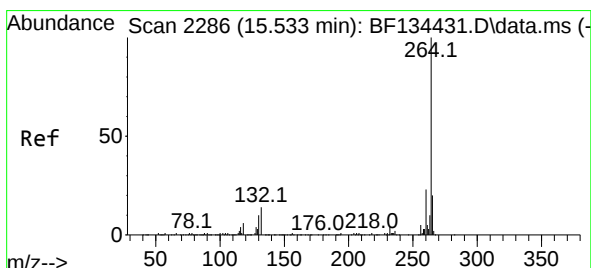
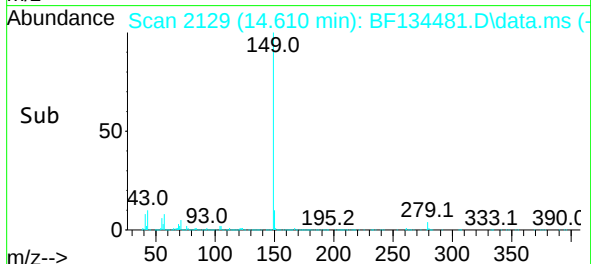
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 ahmed

07/27/2023



#86

Perylene-d12

Concen: 20.000 ng

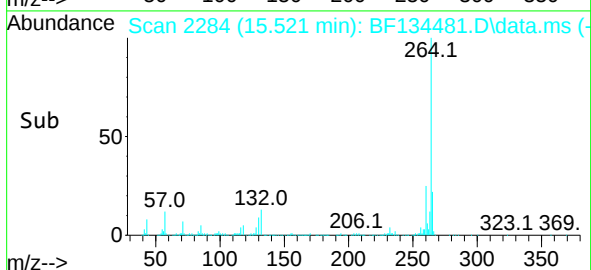
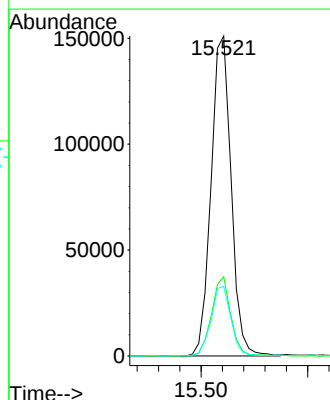
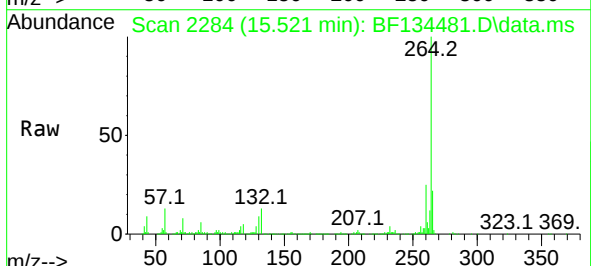
RT: 15.521 min Scan# 2284

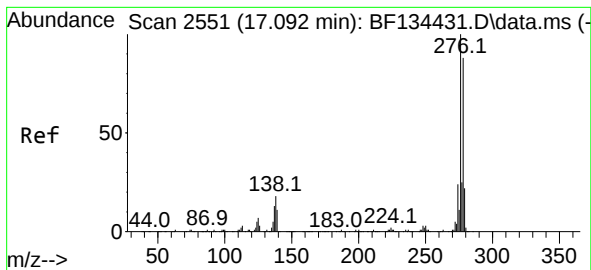
Delta R.T. -0.012 min

Lab File: BF134481.D

Acq: 26 Jul 2023 14:29

Tgt Ion:264 Resp: 197560
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.4 27.6
 265 21.7 15.8 23.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.063 ng

RT: 17.068 min Scan# 2109

Delta R.T. -0.023 min

Lab File: BF134481.D

Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

ClientSampleId :

PB154316BS

Tgt Ion:276 Resp: 62033

Ion Ratio Lower Upper

276 100

138 18.6 14.2 21.4

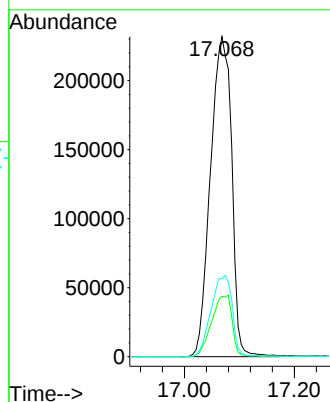
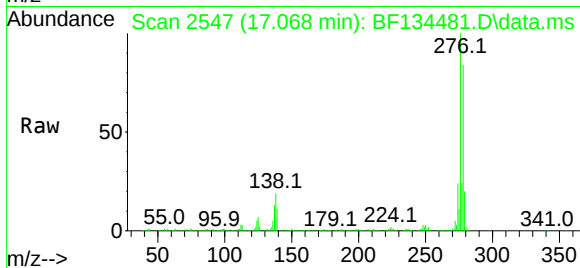
277 25.3 19.9 29.9

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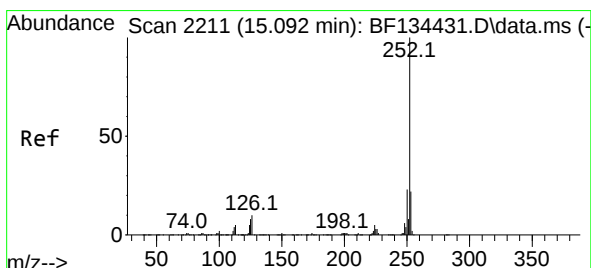
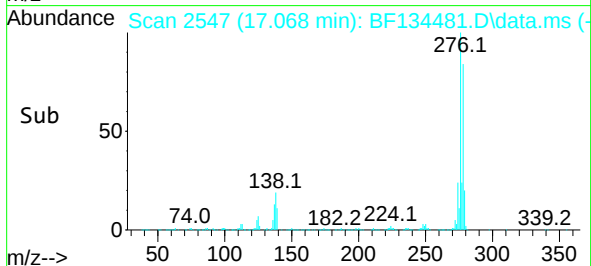
Supervised By :mohammad ahmed 07/27/2023



07/27/2023

Supervised By :mohammad
ahmed

07/27/2023



#88

Benzo(b)fluoranthene

Concen: 54.569 ng

RT: 15.080 min Scan# 2209

Delta R.T. -0.012 min

Lab File: BF134481.D

Acq: 26 Jul 2023 14:29

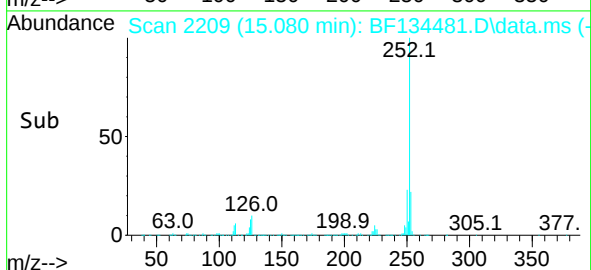
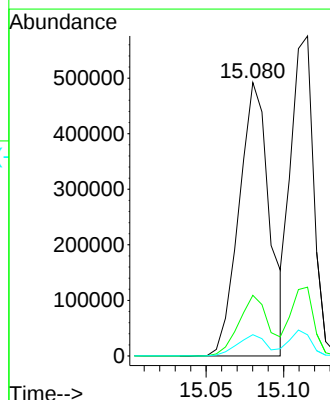
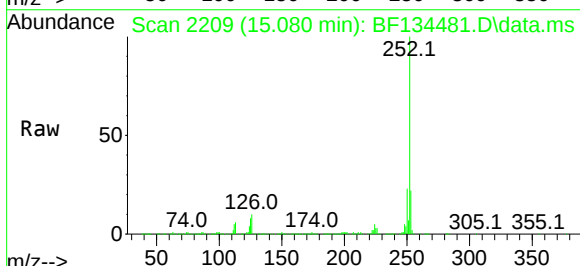
Tgt Ion:252 Resp: 674447

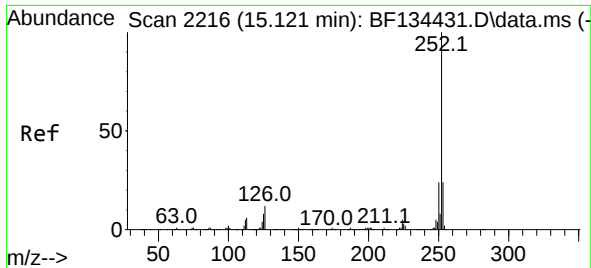
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

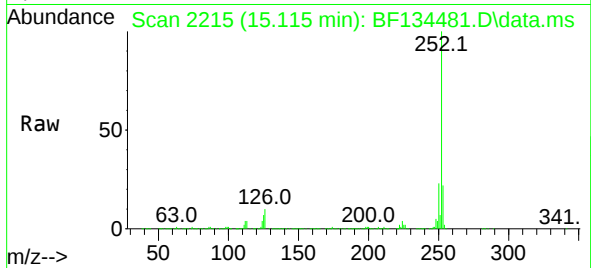
125 7.8 6.0 9.0





#89
Benzo(k)fluoranthene
Concen: 48.643 ng
RT: 15.115 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

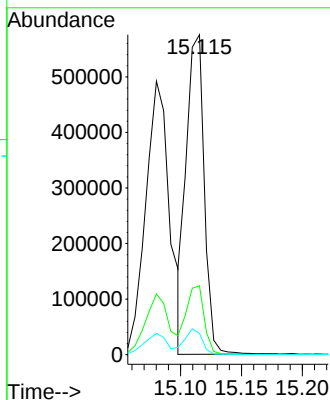
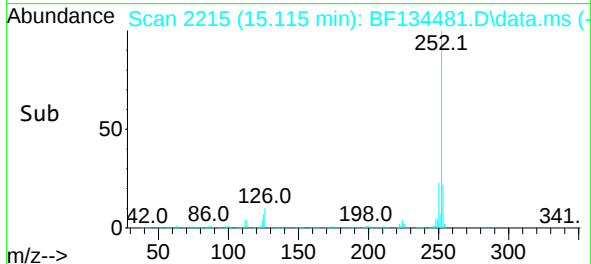
Instrument :
BNA_F
ClientSampleId :
PB154316BS



Tgt Ion:252 Resp: 59123
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 6.6 6.3 9.5

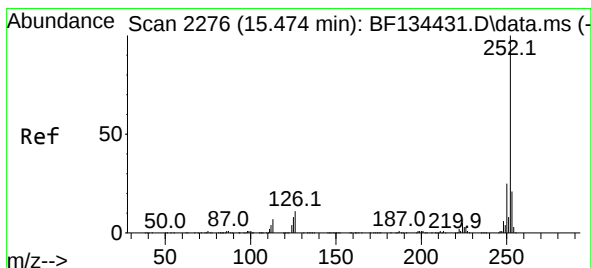
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023



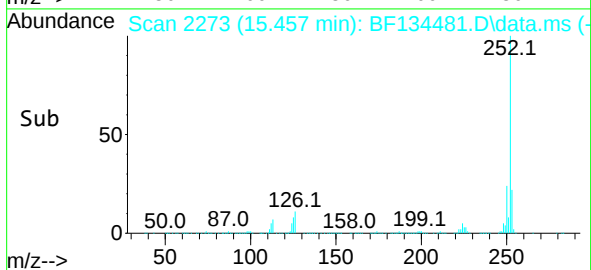
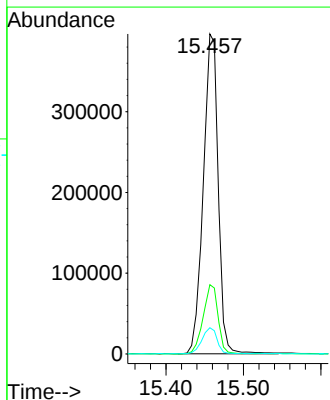
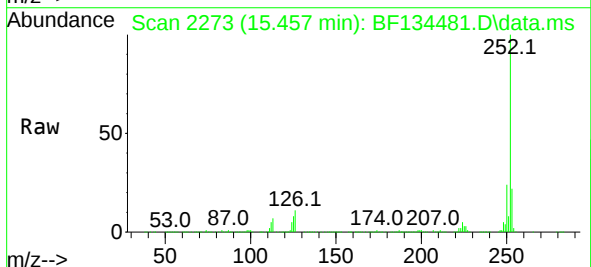
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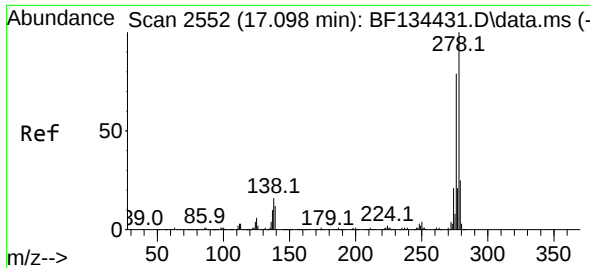
07/27/2023



#90
Benzo(a)pyrene
Concen: 46.179 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.018 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Tgt Ion:252 Resp: 527556
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.4
125 8.2 6.2 9.4





#91
Dibenzo(a,h)anthracene
Concen: 50.924 ng
RT: 17.080 min Scan# 2549
Delta R.T. -0.018 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Instrument :

BNA_F

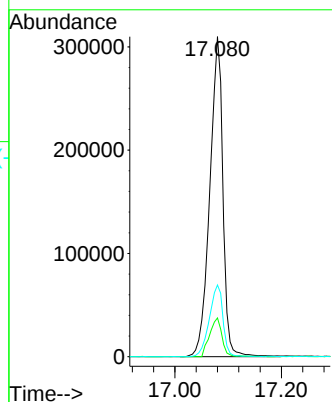
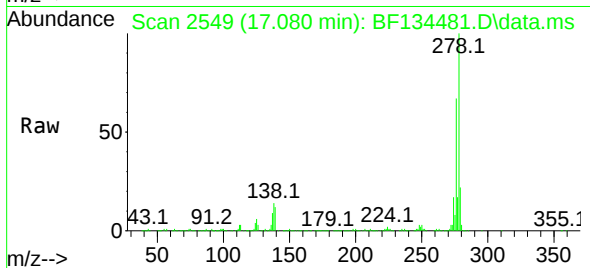
ClientSampleId :

PB154316BS

Tgt Ion:278 Resp: 530798
Ion Ratio Lower Upper
278 100
139 12.1 10.0 15.0
279 22.4 19.7 29.5

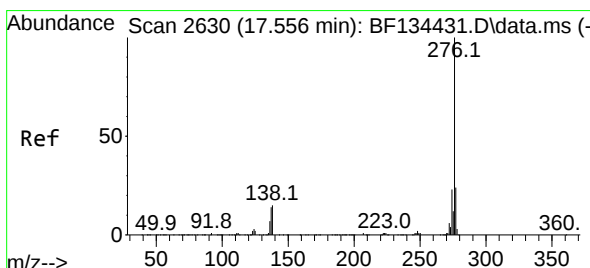
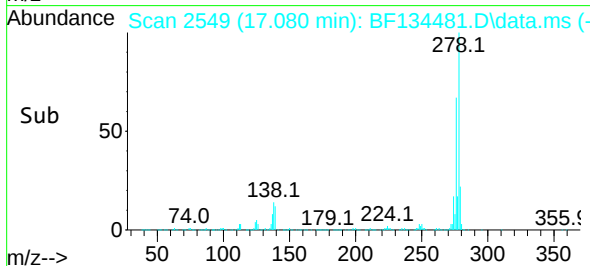
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#92
Benzo(g,h,i)perylene
Concen: 47.281 ng
RT: 17.533 min Scan# 2626
Delta R.T. -0.023 min
Lab File: BF134481.D
Acq: 26 Jul 2023 14:29

Tgt Ion:276 Resp: 506022
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.6
138 15.2 12.2 18.2

