

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
 Data File : BF134518.D
 Acq On : 28 Jul 2023 16:29
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2023
 Supervised By :mohammad ahmed 07/31/2023

Quant Time: Jul 28 18:13:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 12:16:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	87669	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	337479	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	185549	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	383332	20.000	ng	0.00
76) Chrysene-d12	14.021	240	254954	20.000	ng	0.00
86) Perylene-d12	15.515	264	199170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	411402	77.532	ng	0.00
7) Phenol-d6	6.475	99	496046	76.301	ng	0.00
23) Nitrobenzene-d5	7.398	82	475614	71.304	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	192307	72.945	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	972647	68.817	ng	0.00
79) Terphenyl-d14	12.957	244	1128327	77.256	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	72686	32.295	ng	97
3) Pyridine	3.387	79	195280	38.653	ng	98
4) n-Nitrosodimethylamine	3.352	42	98030	32.833	ng	88
6) Aniline	6.498	93	305668	39.893	ng	91
8) 2-Chlorophenol	6.622	128	203302	37.819	ng	98
9) Benzaldehyde	6.393	77	127894	36.735	ng	95
10) Phenol	6.487	94	259402	38.349	ng	94
11) bis(2-Chloroethyl)ether	6.569	93	192682	40.805	ng	97
12) 1,3-Dichlorobenzene	6.769	146	219544	37.980	ng	98
13) 1,4-Dichlorobenzene	6.845	146	222333	37.375	ng	99
14) 1,2-Dichlorobenzene	6.998	146	209372	37.468	ng	96
15) Benzyl Alcohol	6.981	79	194388	38.726	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	305045	43.867	ng	100
17) 2-Methylphenol	7.093	107	181695	37.899	ng	98
18) Hexachloroethane	7.334	117	82600	36.142	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	163750	40.461	ng	95
20) 3+4-Methylphenols	7.245	107	230505	37.553	ng	92
22) Acetophenone	7.245	105	299568	35.692	ng	96
24) Nitrobenzene	7.416	77	241289	36.373	ng	98
25) Isophorone	7.651	82	440708	39.644	ng	98
26) 2-Nitrophenol	7.728	139	117685	38.572	ng	95
27) 2,4-Dimethylphenol	7.769	122	181622	37.721	ng	92
28) bis(2-Chloroethoxy)met...	7.857	93	248161	40.105	ng	100
29) 2,4-Dichlorophenol	7.975	162	180694	37.541	ng	98
30) 1,2,4-Trichlorobenzene	8.051	180	186843	35.987	ng	96
31) Naphthalene	8.134	128	617184	36.746	ng	99
32) Benzoic acid	7.904	122	127637	39.686	ng	# 88
33) 4-Chloroaniline	8.187	127	267498	38.530	ng	98
34) Hexachlorobutadiene	8.239	225	121516	34.937	ng	96
35) Caprolactam	8.563	113	61885	42.048	ng	98
36) 4-Chloro-3-methylphenol	8.675	107	212682	38.295	ng	96
37) 2-Methylnaphthalene	8.822	142	442905	37.952	ng	99
38) 1-Methylnaphthalene	8.922	142	409784	37.851	ng	97
40) 1,2,4,5-Tetrachloroben...	8.987	216	205024	34.868	ng	100
41) Hexachlorocyclopentadiene	8.969	237	59048	39.834	ng	93
43) 2,4,6-Trichlorophenol	9.104	196	136983	36.314	ng	97

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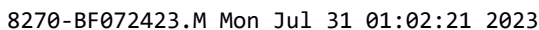
Quant Time: Jul 28 18:13:59 2023
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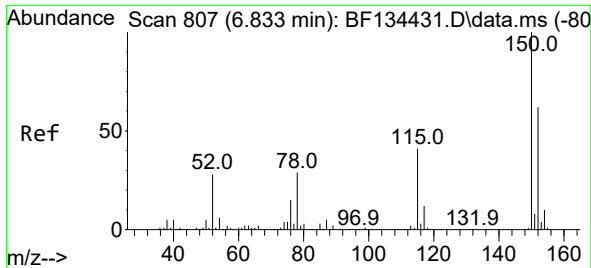
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	157425	35.820	ng	96
46) 1,1'-Biphenyl	9.286	154	537754	35.164	ng	99
47) 2-Chloronaphthalene	9.316	162	393862	34.935	ng	98
48) 2-Nitroaniline	9.422	65	145031	35.719	ng	90
49) Acenaphthylene	9.728	152	665336	34.932	ng	100
50) Dimethylphthalate	9.592	163	507425	36.891	ng	99
51) 2,6-Dinitrotoluene	9.663	165	111363	36.898	ng	# 83
52) Acenaphthene	9.904	154	397714	35.348	ng	98
53) 3-Nitroaniline	9.834	138	127752	36.919	ng	93
54) 2,4-Dinitrophenol	9.951	184	50019	35.564	ng	90
55) Dibenzofuran	10.075	168	612861	35.390	ng	99
56) 4-Nitrophenol	10.010	139	72919	39.516	ng	86
57) 2,4-Dinitrotoluene	10.069	165	145379	35.863	ng	91
58) Fluorene	10.422	166	506998	36.291	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	130440m	38.630	ng	
60) Diethylphthalate	10.292	149	548353	38.506	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	247283	37.054	ng	96
62) 4-Nitroaniline	10.457	138	121176	34.132	ng	93
63) Azobenzene	10.569	77	505287	38.548	ng	95
65) 4,6-Dinitro-2-methylph...	10.486	198	82426	37.485	ng	90
66) n-Nitrosodiphenylamine	10.533	169	443752	36.386	ng	97
67) 4-Bromophenyl-phenylether	10.898	248	155700	37.072	ng	92
68) Hexachlorobenzene	10.969	284	170382	36.025	ng	99
69) Atrazine	11.063	200	126106	37.087	ng	98
70) Pentachlorophenol	11.169	266	80311	40.463	ng	99
71) Phenanthrene	11.386	178	701333	35.017	ng	99
72) Anthracene	11.439	178	724445	35.045	ng	99
73) Carbazole	11.598	167	675751	34.714	ng	99
74) Di-n-butylphthalate	11.922	149	862275	38.588	ng	100
75) Fluoranthene	12.580	202	780580	33.441	ng	98
77) Benzidine	12.710	184	186206	34.205	ng	99
78) Pyrene	12.816	202	791720	39.055	ng	99
80) Butylbenzylphthalate	13.427	149	336111	41.391	ng	98
81) Benzo(a)anthracene	14.010	228	628446	35.330	ng	99
82) 3,3'-Dichlorobenzidine	13.969	252	187655	33.308	ng	# 98
83) Chrysene	14.051	228	605320	35.579	ng	98
84) Bis(2-ethylhexyl)phtha...	13.986	149	440229	44.625	ng	98
85) Di-n-octyl phthalate	14.604	149	622276	45.390	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	460468	35.388	ng	97
88) Benzo(b)fluoranthene	15.074	252	469939	37.715	ng	99
89) Benzo(k)fluoranthene	15.104	252	446532	36.441	ng	99
90) Benzo(a)pyrene	15.457	252	411059	35.691	ng	97
91) Dibenzo(a,h)anthracene	17.068	278	381321	36.288	ng	98
92) Benzo(g,h,i)perylene	17.527	276	384616	35.646	ng	98

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

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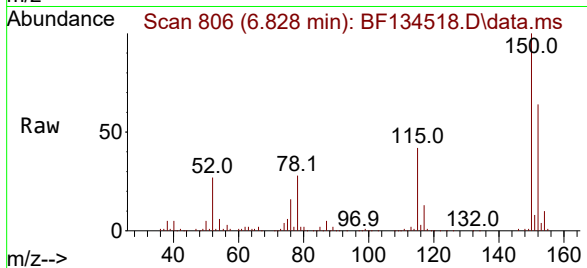
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF134518.D
 Acq: 28 Jul 2023 16:29

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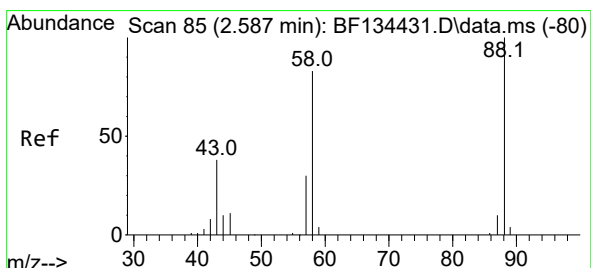
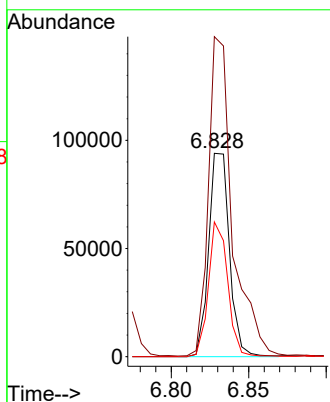
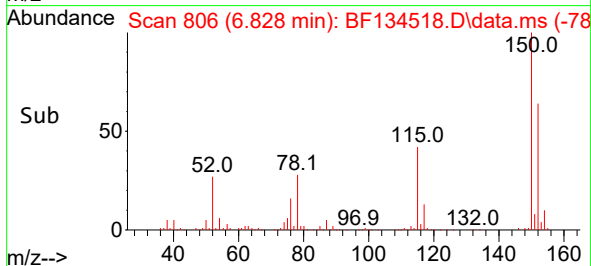
Tgt Ion:152 Resp: 87669
 Ion Ratio Lower Upper
 152 100
 150 157.3 128.3 192.5
 115 66.2 52.4 78.6

Manual Integrations

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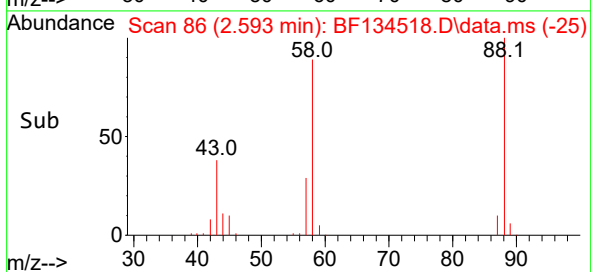
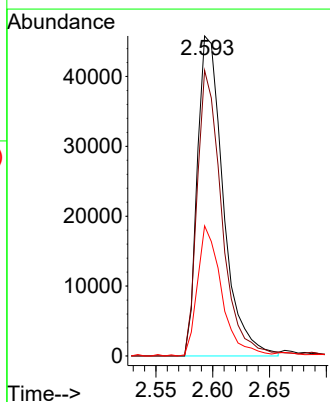
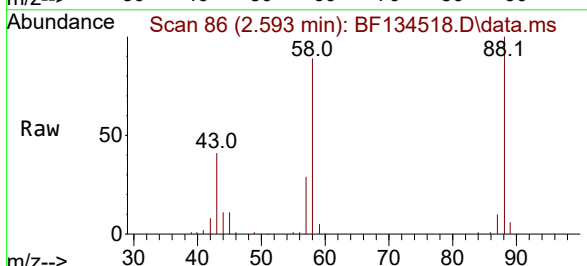
Reviewed By :Yogesh Patel 07/29/2023

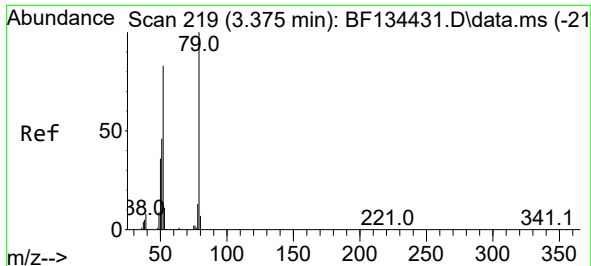
Supervised By :mohammad ahmed 07/31/2023



#2
 1,4-Dioxane
 Concen: 32.295 ng
 RT: 2.593 min Scan# 86
 Delta R.T. 0.006 min
 Lab File: BF134518.D
 Acq: 28 Jul 2023 16:29

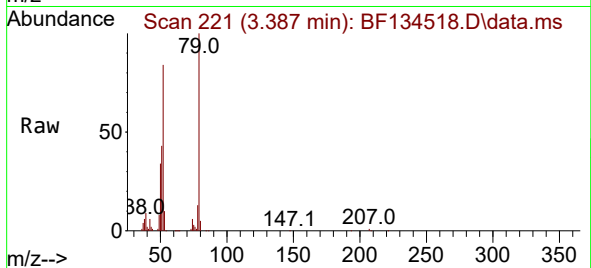
Tgt Ion: 88 Resp: 72686
 Ion Ratio Lower Upper
 88 100
 58 84.8 65.1 97.7
 43 38.0 30.3 45.5





#3
Pyridine
Concen: 38.653 ng
RT: 3.387 min Scan# 219
Delta R.T. 0.012 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

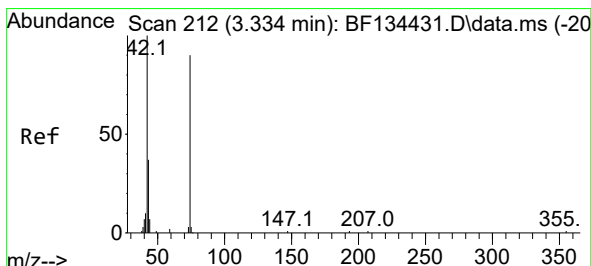
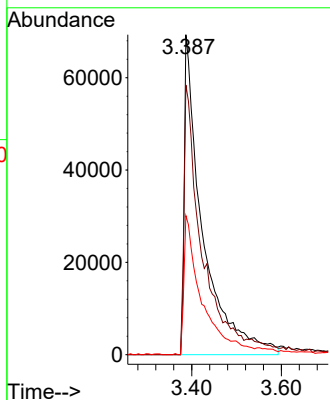
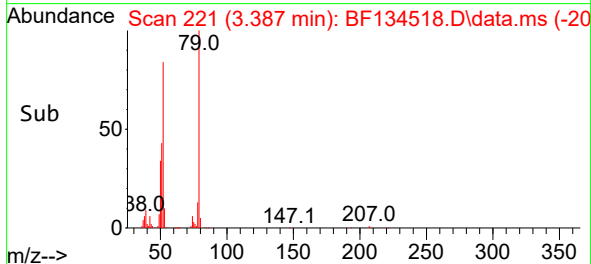
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



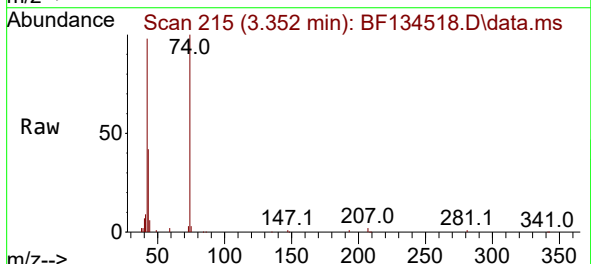
Tgt Ion: 79 Resp: 195280
Ion Ratio Lower Upper
79 100
52 84.3 66.6 100.0
51 43.5 36.5 54.7

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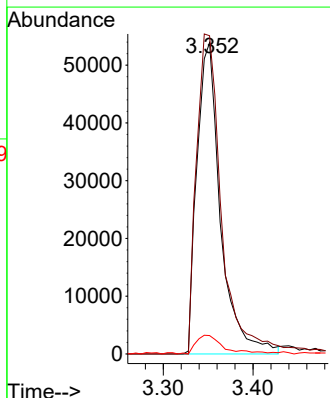
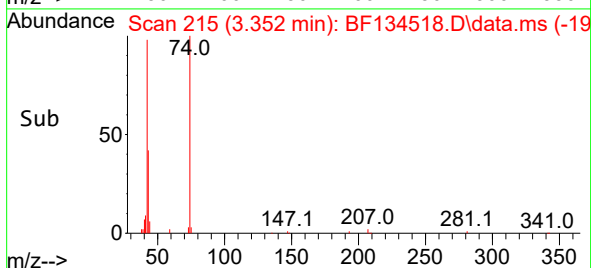
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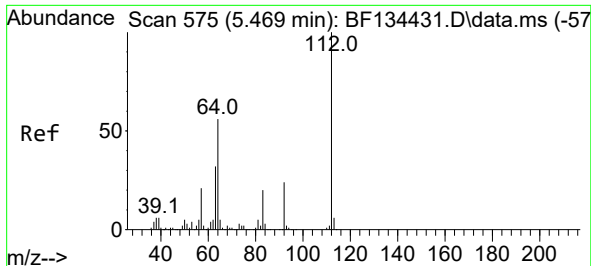


#4
n-Nitrosodimethylamine
Concen: 32.833 ng
RT: 3.352 min Scan# 215
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29



Tgt Ion: 42 Resp: 98030
Ion Ratio Lower Upper
42 100
74 102.2 72.2 108.4
44 5.9 5.4 8.0





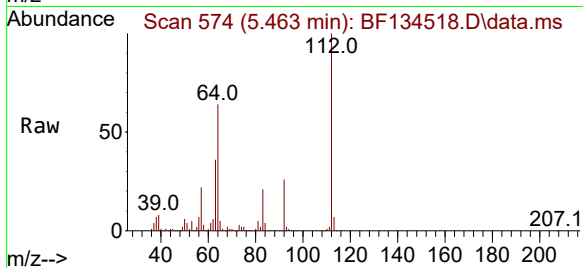
#5
2-Fluorophenol
Concen: 77.532 ng
RT: 5.463 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

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SSTDCCC040



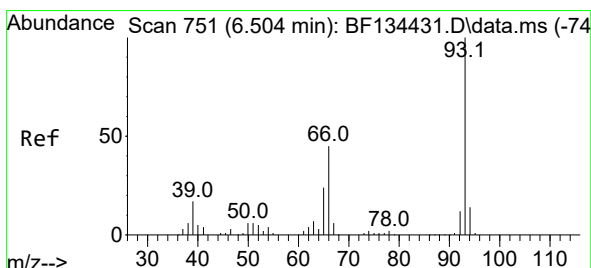
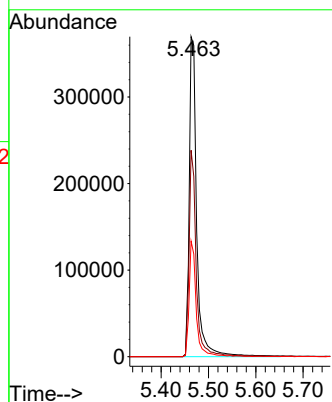
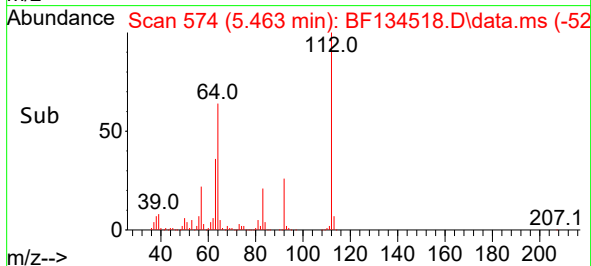
Tgt Ion:112 Resp: 411402
Ion Ratio Lower Upper
112 100
64 64.5 44.9 67.3
63 36.1 25.4 38.0

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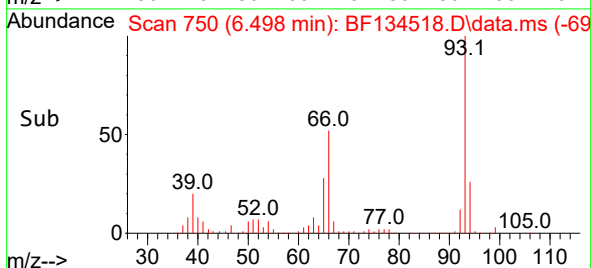
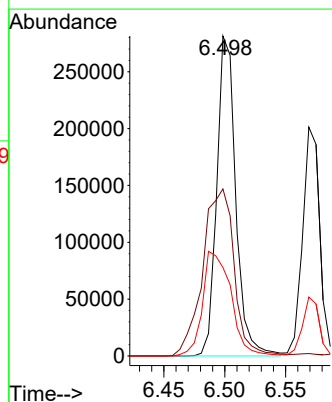
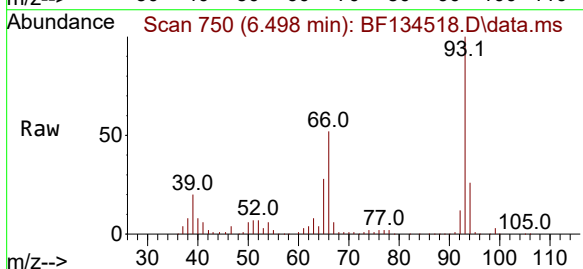
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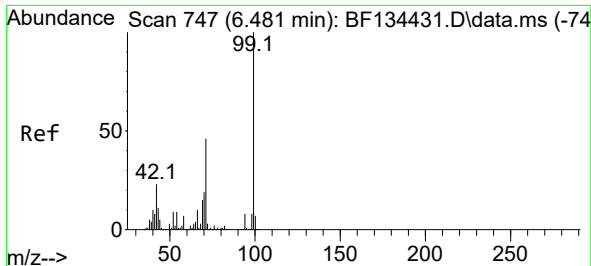
Supervised By :mohammad ahmed 07/31/2023



#6
Aniline
Concen: 39.893 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF134518.D
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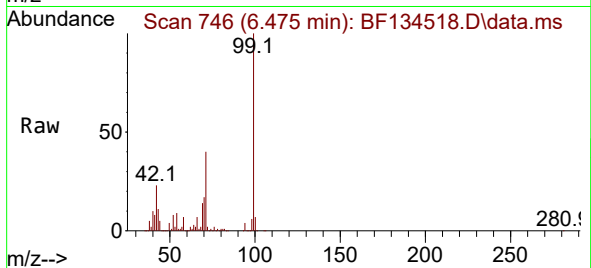
Tgt Ion: 93 Resp: 305668
Ion Ratio Lower Upper
93 100
66 52.2 36.8 55.2
65 27.7 19.4 29.0





#7
Phenol-d6
Concen: 76.301 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

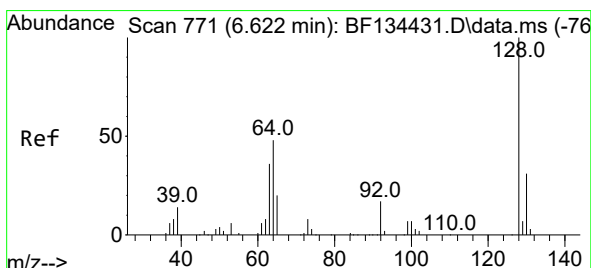
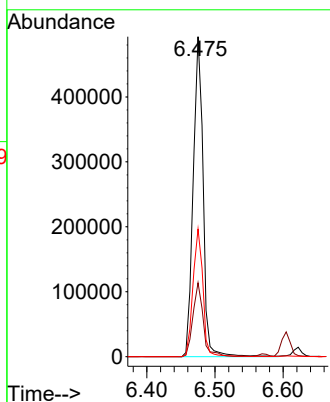
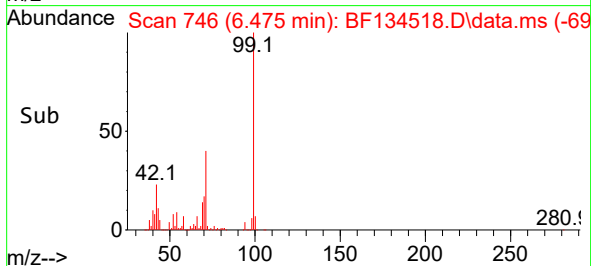
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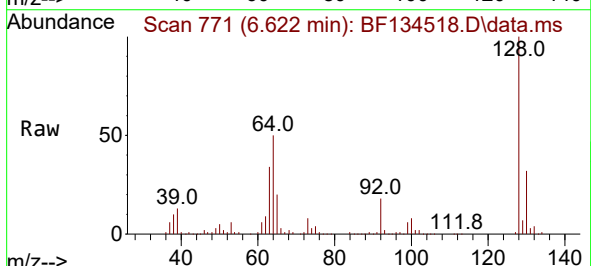
Tgt Ion: 99 Resp: 496040
Ion Ratio Lower Upper
99 100
42 23.1 18.7 28.1
71 39.9 36.4 54.6

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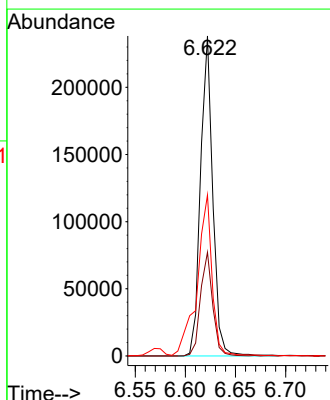
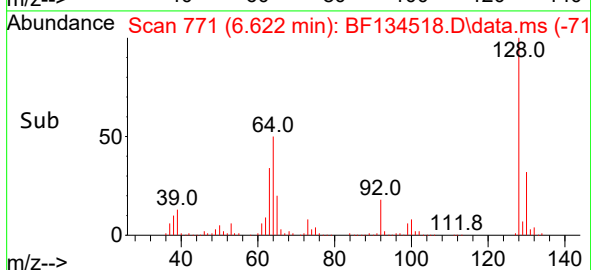
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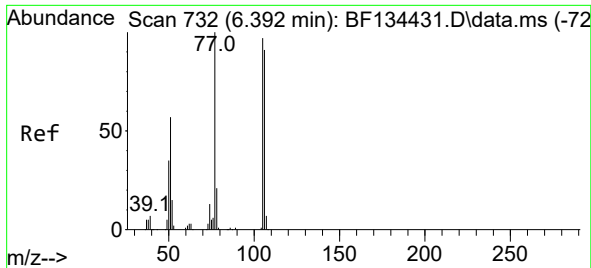


#8
2-Chlorophenol
Concen: 37.819 ng
RT: 6.622 min Scan# 771
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29



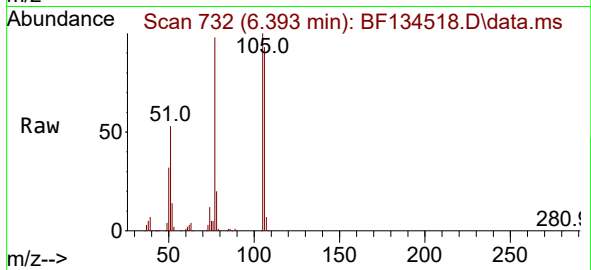
Tgt Ion:128 Resp: 203302
Ion Ratio Lower Upper
128 100
130 32.4 11.1 51.1
64 50.3 31.9 71.9





#9
Benzaldehyde
Concen: 36.735 ng
RT: 6.393 min Scan# 712
Delta R.T. 0.006 min
Lab File: BF134518.D
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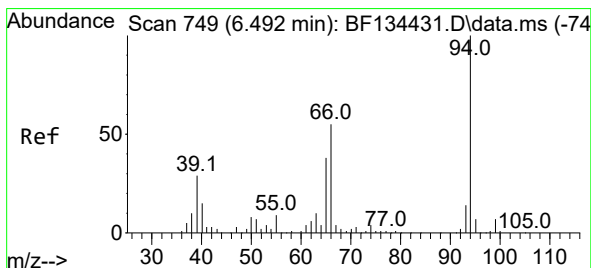
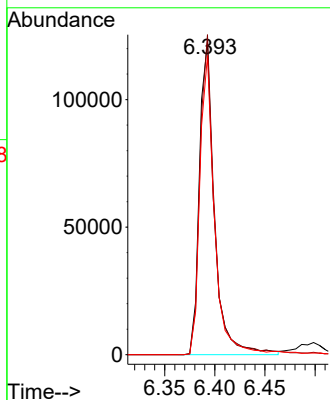
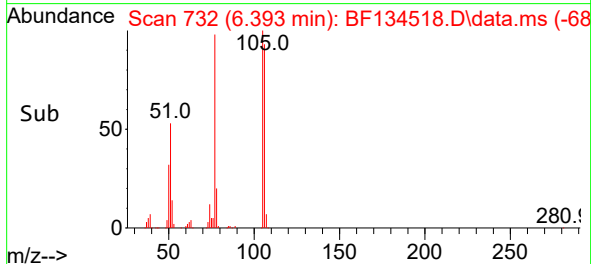
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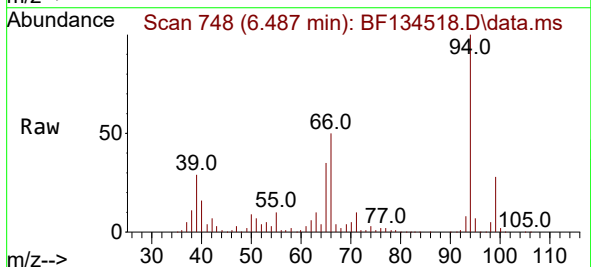
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Ion Ratio Lower Upper
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105 102.4 77.1 117.1
106 95.7 71.4 111.4

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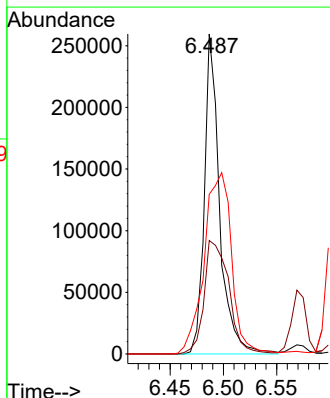
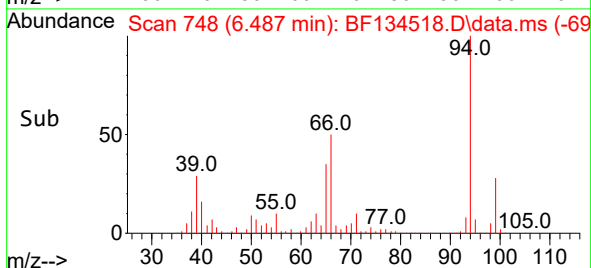
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023

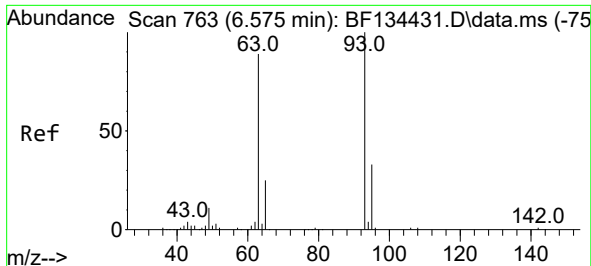


#10
Phenol
Concen: 38.349 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29



Tgt Ion: 94 Resp: 259402
Ion Ratio Lower Upper
94 100
65 35.5 17.8 57.8
66 49.9 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 40.805 ng

RT: 6.569 min Scan# 70

Delta R.T. 0.000 min

Lab File: BF134518.D

Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 19268

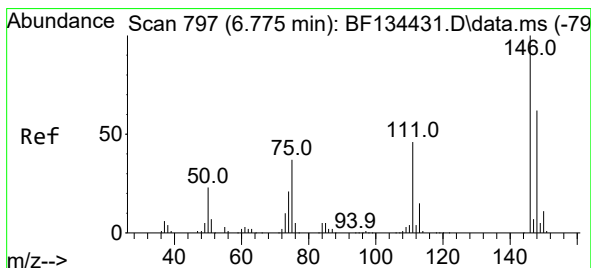
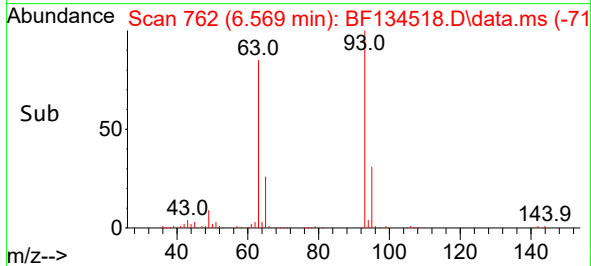
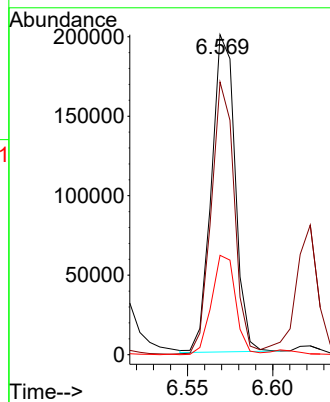
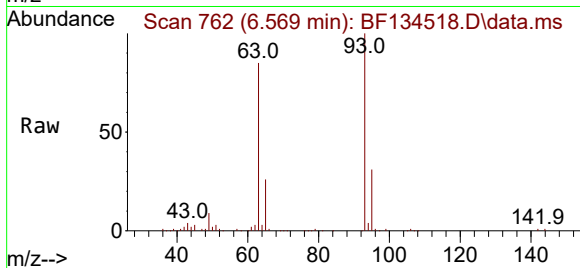
Ion	Ratio	Lower	Upper
93	100		
63	85.2	68.4	108.4
95	31.1	12.4	52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/29/2023

Supervised By :mohammad ahmed 07/31/2023



#12

1,3-Dichlorobenzene

Concen: 37.980 ng

RT: 6.769 min Scan# 796

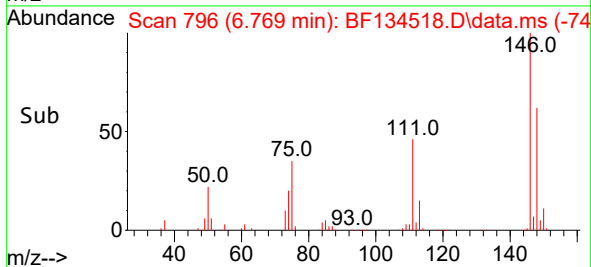
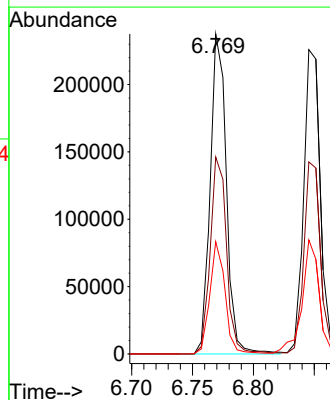
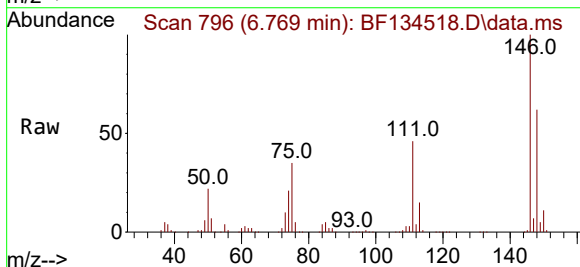
Delta R.T. 0.000 min

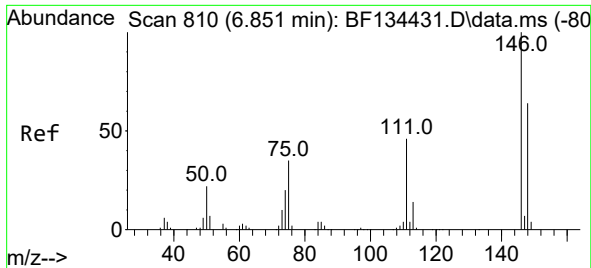
Lab File: BF134518.D

Acq: 28 Jul 2023 16:29

Tgt Ion:146 Resp: 219544

Ion	Ratio	Lower	Upper
146	100		
148	61.5	49.7	74.5
75	35.1	29.5	44.3





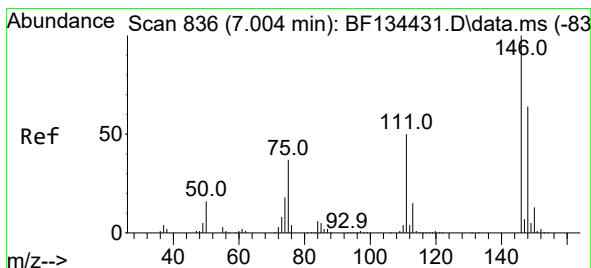
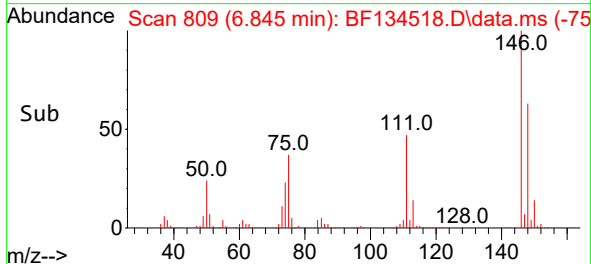
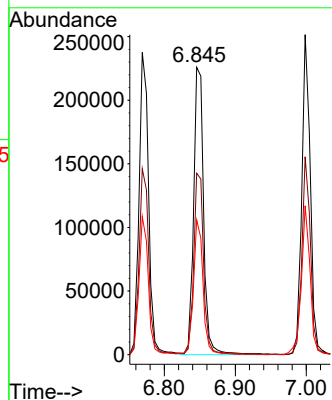
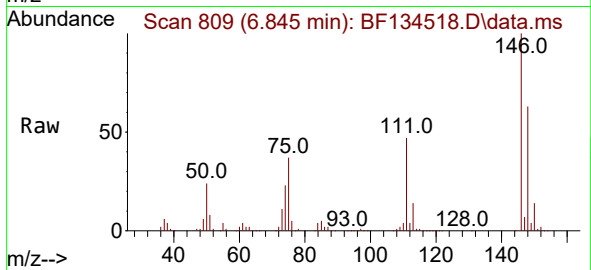
#13
1,4-Dichlorobenzene
Concen: 37.375 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 22233
Ion Ratio Lower Upper
146 100
148 63.1 51.3 76.9
111 46.9 36.6 55.0

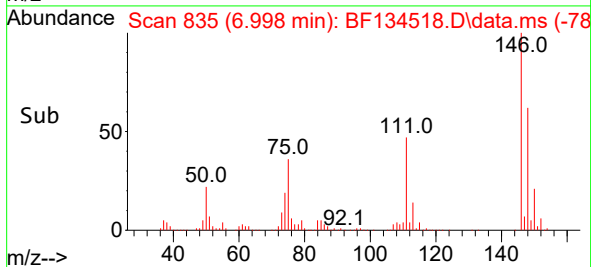
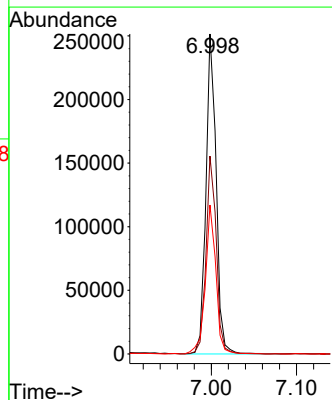
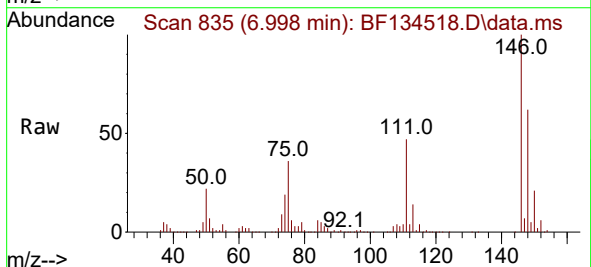
Manual Integrations
APPROVED

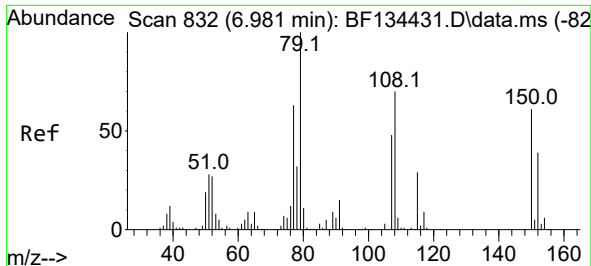
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023



#14
1,2-Dichlorobenzene
Concen: 37.468 ng
RT: 6.998 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Tgt Ion:146 Resp: 209372
Ion Ratio Lower Upper
146 100
148 61.9 51.2 76.8
111 46.5 39.9 59.9





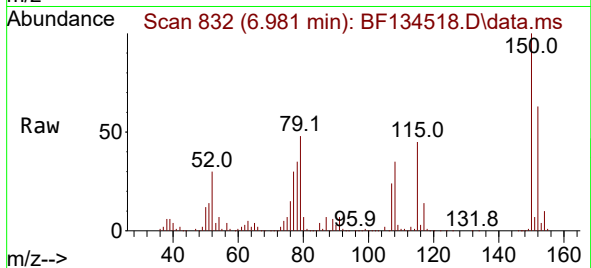
#15
Benzyl Alcohol
Concen: 38.726 ng
RT: 6.981 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

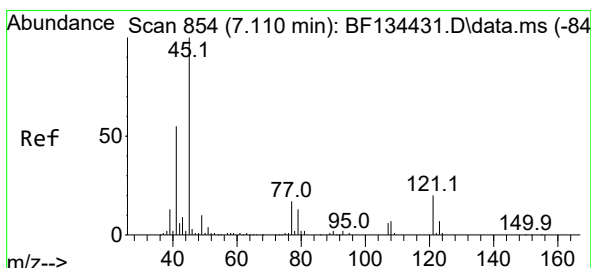
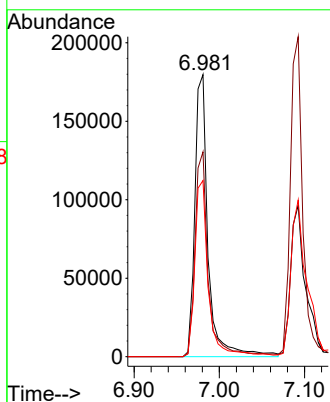
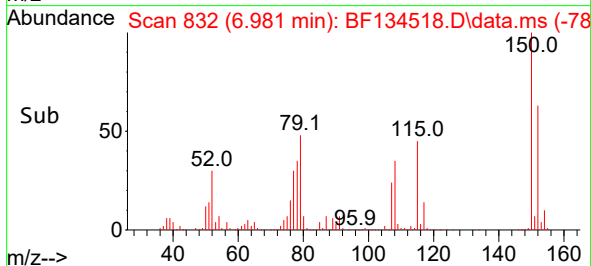


Tgt Ion: 79 Resp: 19438
Ion Ratio Lower Upper
79 100
108 72.6 56.3 84.5
77 62.5 50.6 76.0

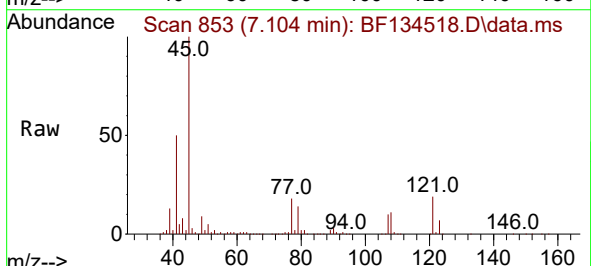
Manual Integrations

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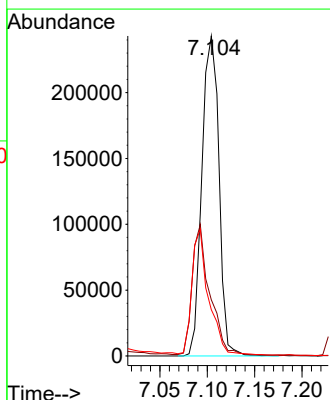
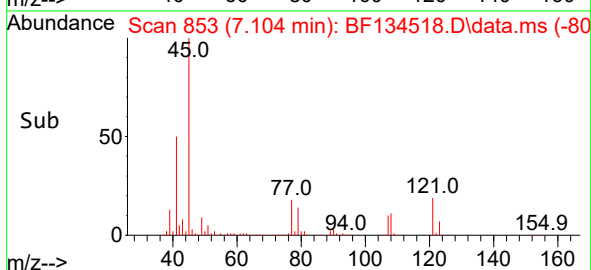
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023

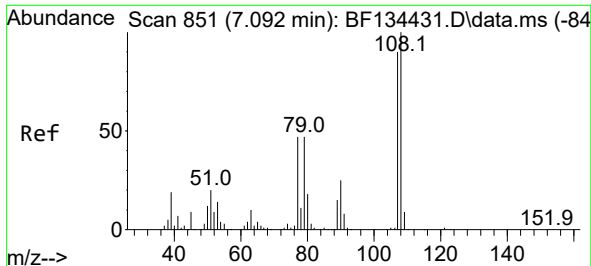


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.867 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29



Tgt Ion: 45 Resp: 305045
Ion Ratio Lower Upper
45 100
77 17.6 0.0 37.8
79 14.4 0.0 34.5





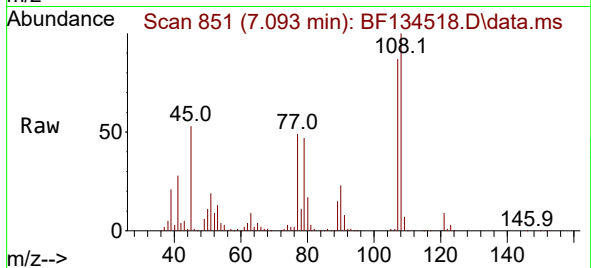
#17
2-Methylphenol
Concen: 37.899 ng
RT: 7.093 min Scan# 851
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



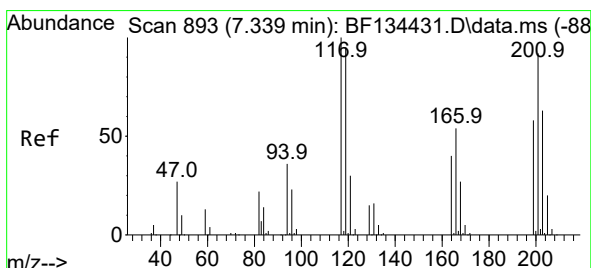
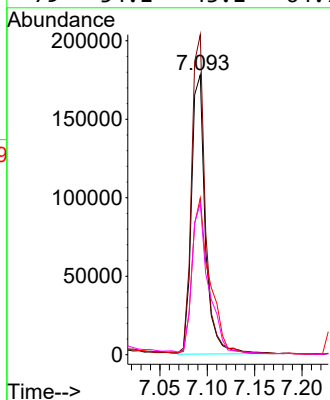
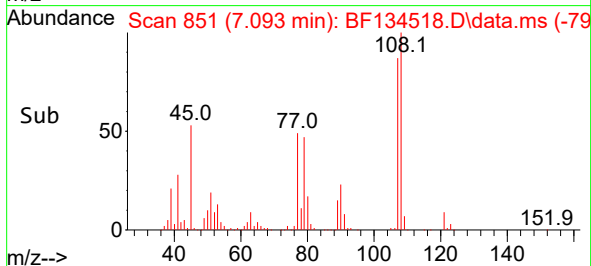
Tgt Ion:107 Resp: 18169
Ion Ratio Lower Upper
107 100
108 114.4 89.4 134.2
77 56.0 42.4 63.6
79 54.1 43.1 64.7

Manual Integrations

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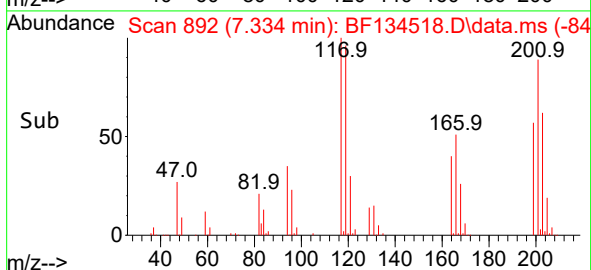
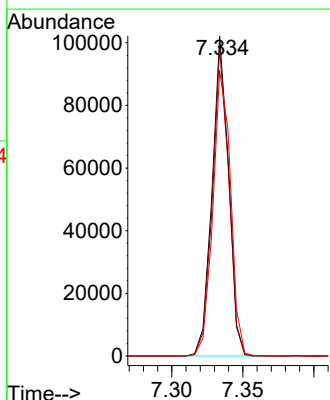
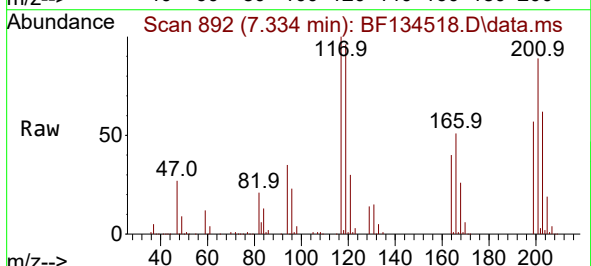
Reviewed By :Yogesh Patel 07/29/2023

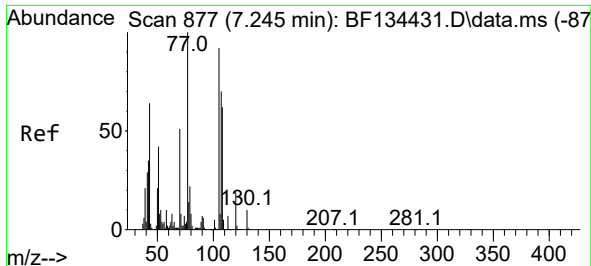
Supervised By :mohammad ahmed 07/31/2023



#18
Hexachloroethane
Concen: 36.142 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Tgt Ion:117 Resp: 82600
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
201 89.2 73.6 110.4





#19

n-Nitroso-di-n-propylamine

Concen: 40.461 ng

RT: 7.245 min Scan# 877

Delta R.T. 0.006 min

Lab File: BF134518.D

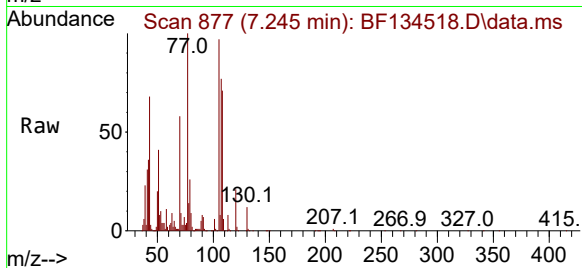
Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 163750

Ion Ratio Lower Upper

70 100

42 62.9 54.7 82.1

101 9.5 8.2 12.2

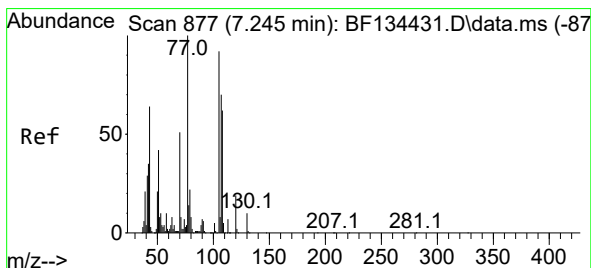
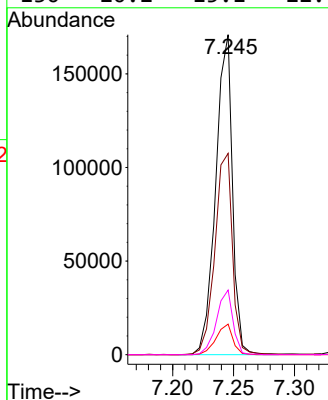
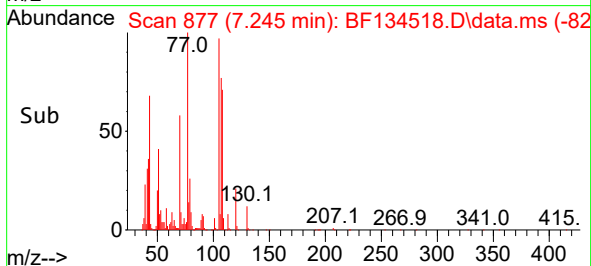
130 20.2 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/29/2023

Supervised By :mohammad ahmed 07/31/2023



#20

3+4-Methylphenols

Concen: 37.553 ng

RT: 7.245 min Scan# 877

Delta R.T. 0.006 min

Lab File: BF134518.D

Acq: 28 Jul 2023 16:29

Tgt Ion:107 Resp: 230505

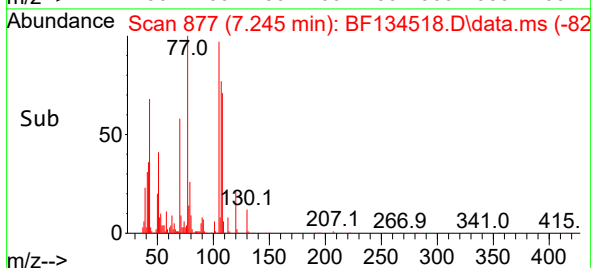
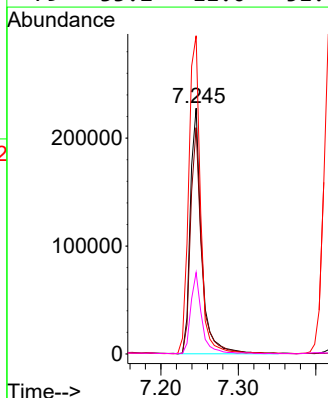
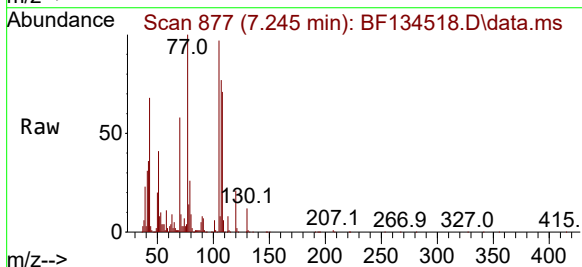
Ion Ratio Lower Upper

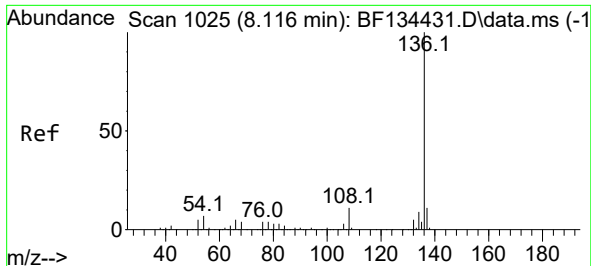
107 100

108 92.1 68.1 108.1

77 129.5 122.1 162.1

79 33.2 11.0 51.0





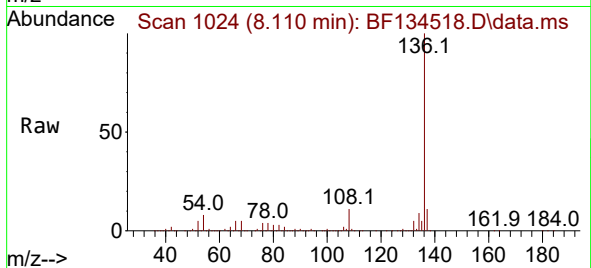
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1025
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

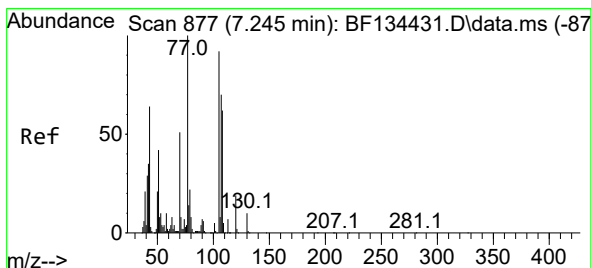
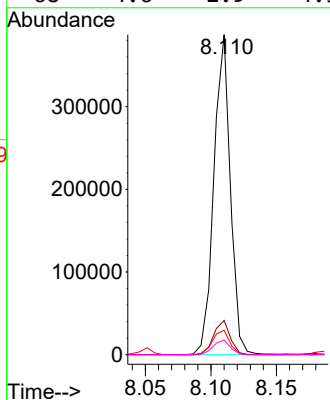
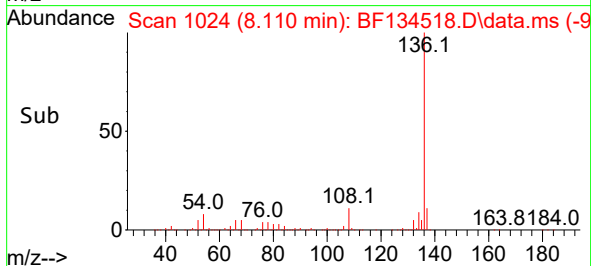


Tgt Ion:136 Resp: 337479
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.7 5.2 7.8
68 4.6 2.9 4.3#

Manual Integrations

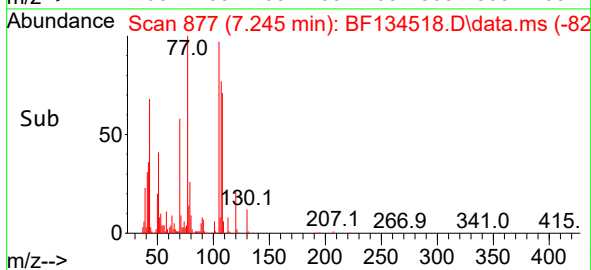
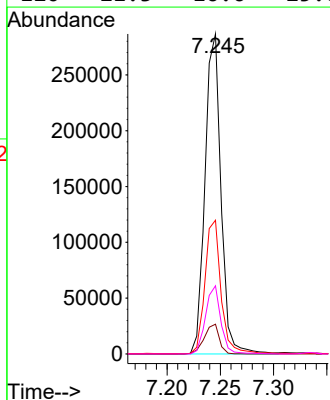
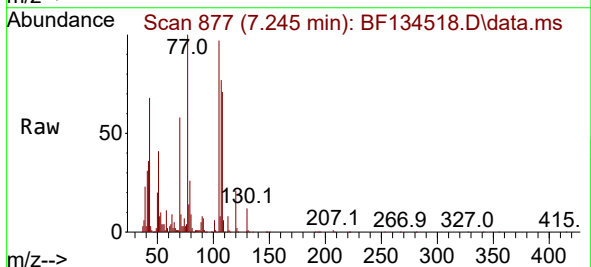
APPROVED

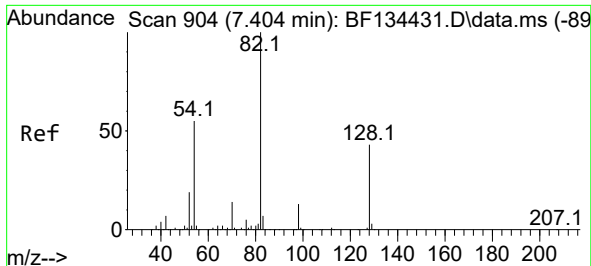
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023



#22
Acetophenone
Concen: 35.692 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Tgt Ion:105 Resp: 299568
Ion Ratio Lower Upper
105 100
71 9.3 7.4 11.0
51 41.8 36.4 54.6
120 21.3 16.6 25.0





#23
Nitrobenzene-d5
Concen: 71.304 ng
RT: 7.398 min Scan# 904
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

ClientSampleId :

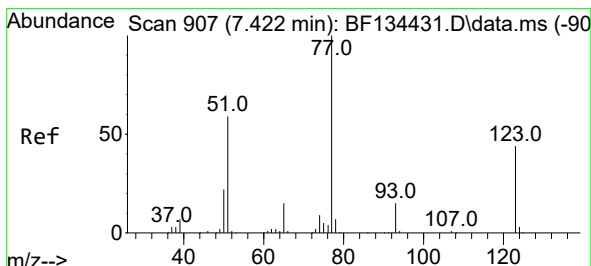
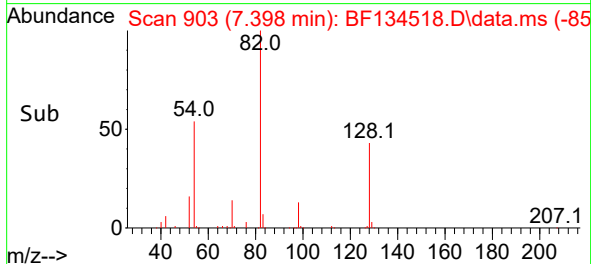
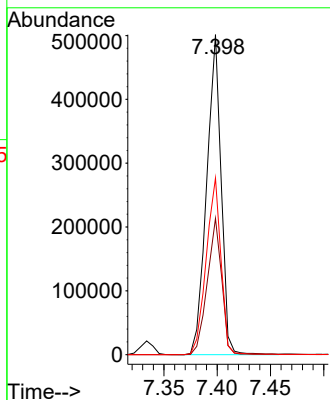
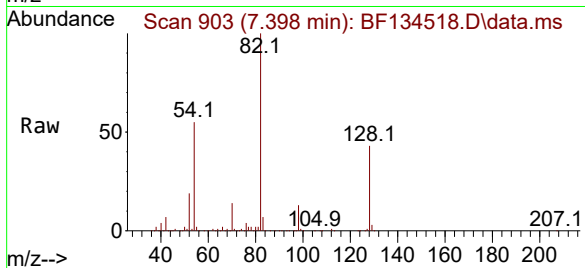
SSTDCCC040

Tgt Ion: 82 Resp: 475614
Ion Ratio Lower Upper
82 100
128 42.6 34.3 51.5
54 55.2 43.8 65.6

Manual Integrations

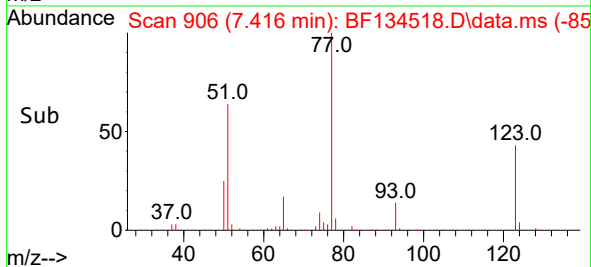
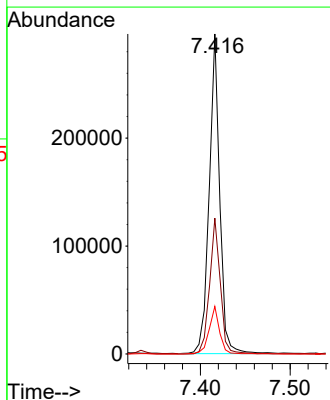
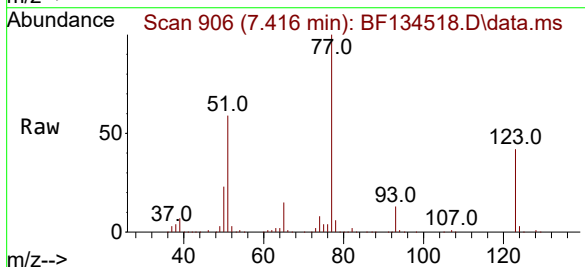
APPROVED

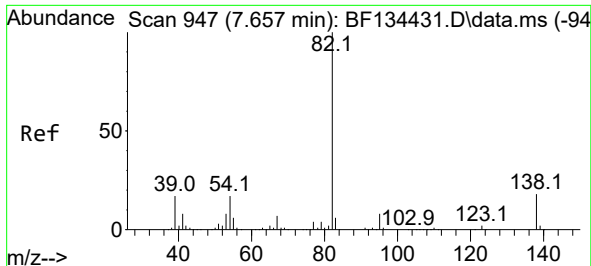
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023



#24
Nitrobenzene
Concen: 36.373 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

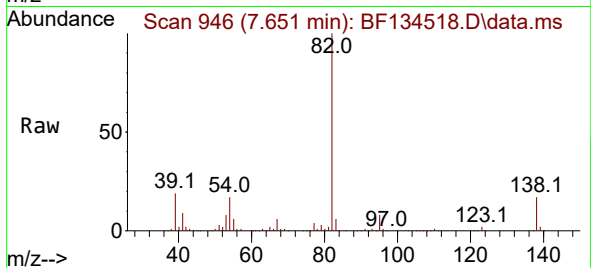
Tgt Ion: 77 Resp: 241289
Ion Ratio Lower Upper
77 100
123 42.5 35.5 53.3
65 14.8 11.9 17.9





#25
Isophorone
Concen: 39.644 ng
RT: 7.651 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

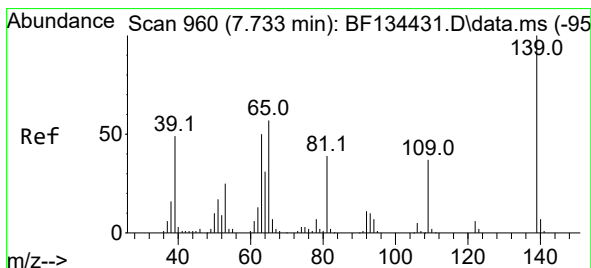
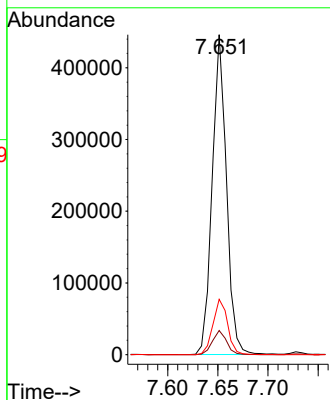
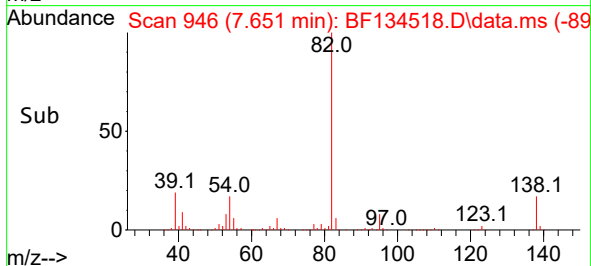
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



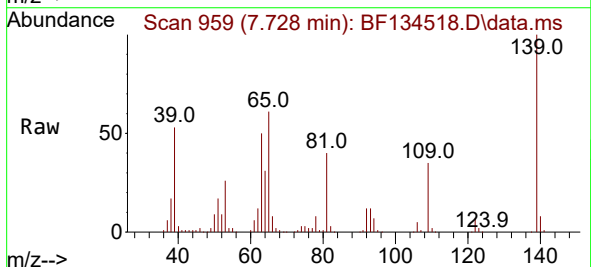
Tgt Ion: 82 Resp: 440708
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 17.3 14.6 22.0

Manual Integrations
APPROVED

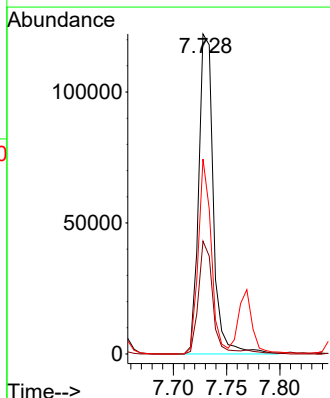
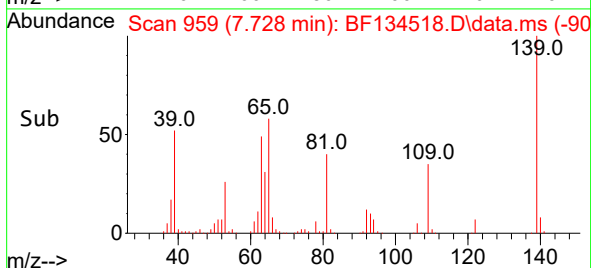
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023

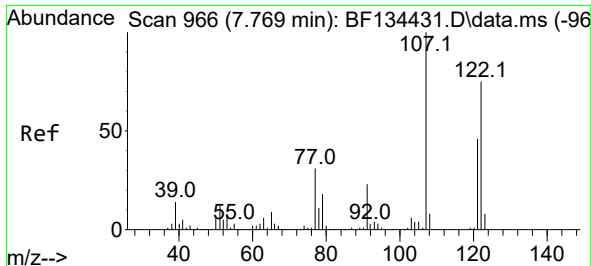


#26
2-Nitrophenol
Concen: 38.572 ng
RT: 7.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29



Tgt Ion:139 Resp: 117685
Ion Ratio Lower Upper
139 100
109 35.3 29.8 44.6
65 60.9 45.4 68.2





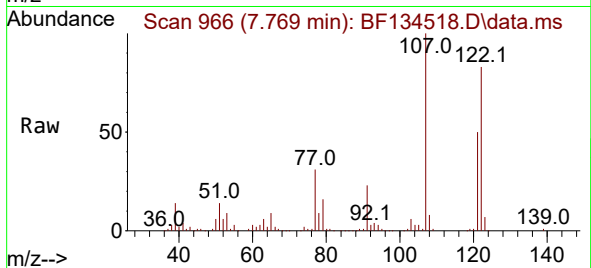
#27
2,4-Dimethylphenol
Concen: 37.721 ng
RT: 7.769 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



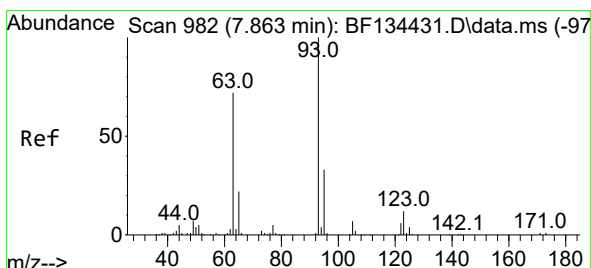
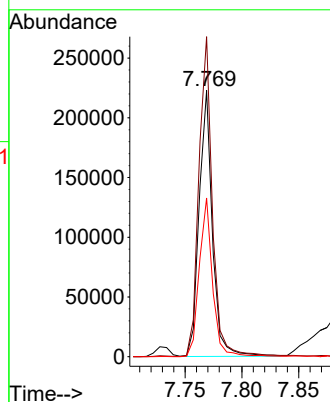
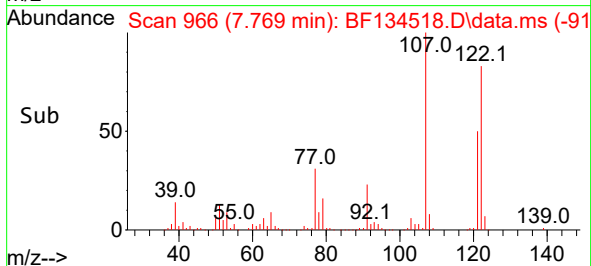
Tgt Ion:122 Resp: 18162
Ion Ratio Lower Upper
122 100
107 120.2 106.7 160.1
121 59.6 49.0 73.6

Manual Integrations

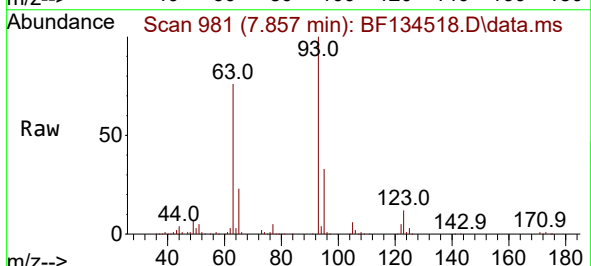
APPROVED

Reviewed By :Yogesh Patel 07/29/2023

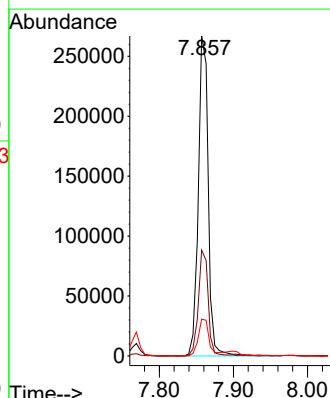
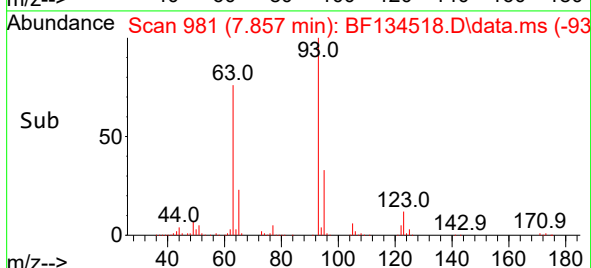
Supervised By :mohammad ahmed 07/31/2023

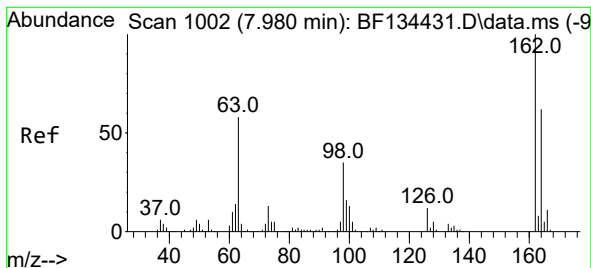


#28
bis(2-Chloroethoxy)methane
Concen: 40.105 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29



Tgt Ion: 93 Resp: 248161
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 11.5 9.6 14.4





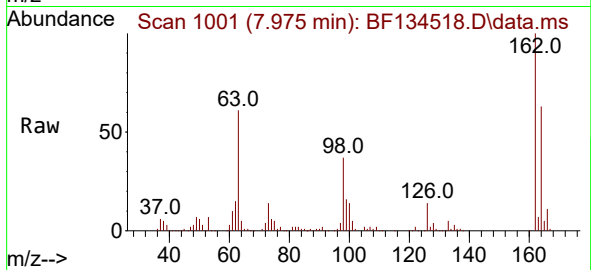
#29
2,4-Dichlorophenol
Concen: 37.541 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



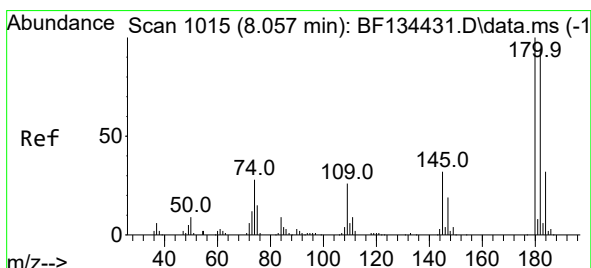
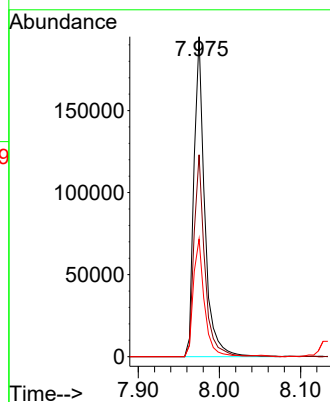
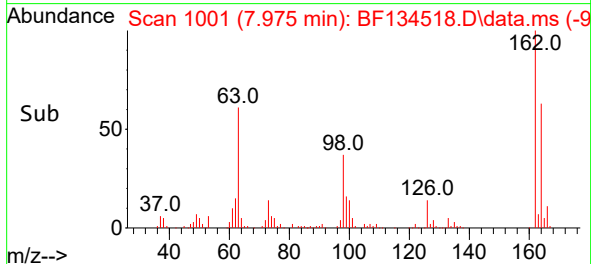
Tgt Ion:162 Resp: 180694
Ion Ratio Lower Upper
162 100
164 63.1 42.2 82.2
98 36.8 15.5 55.5

Manual Integrations

APPROVED

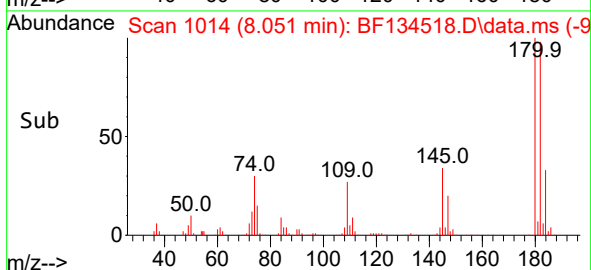
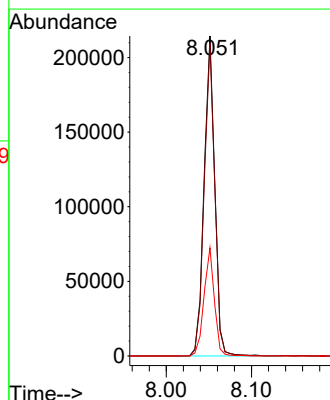
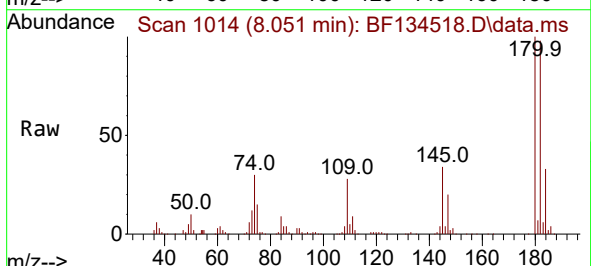
Reviewed By :Yogesh Patel 07/29/2023

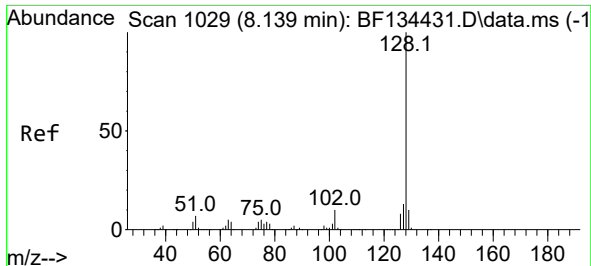
Supervised By :mohammad ahmed 07/31/2023



#30
1,2,4-Trichlorobenzene
Concen: 35.987 ng
RT: 8.051 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Tgt Ion:180 Resp: 186843
Ion Ratio Lower Upper
180 100
182 97.7 75.0 112.6
145 33.8 25.5 38.3





#31
Naphthalene
Concen: 36.746 ng
RT: 8.134 min Scan# 1029
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

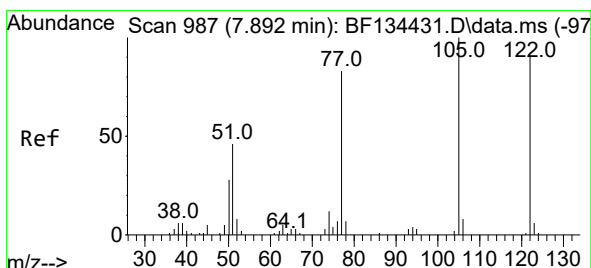
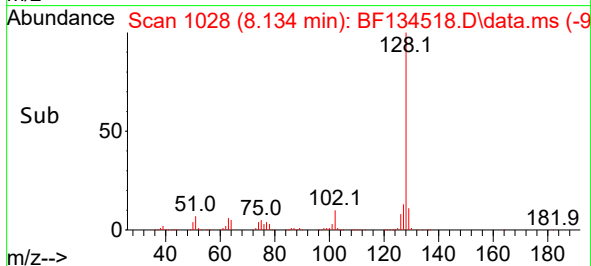
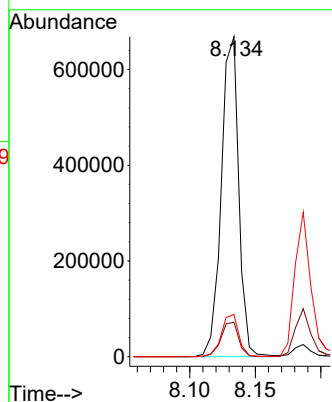
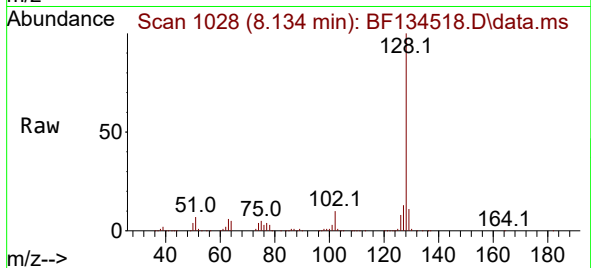
ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 617184
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 13.2 10.7 16.1

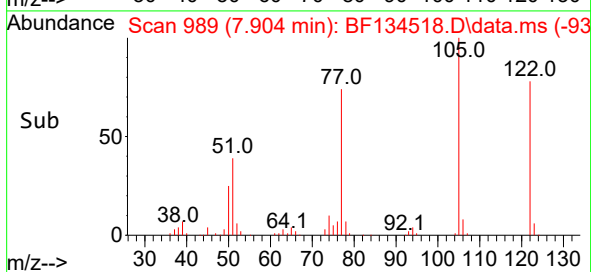
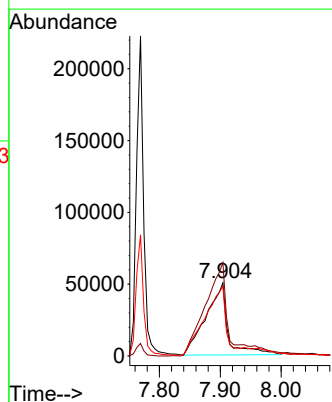
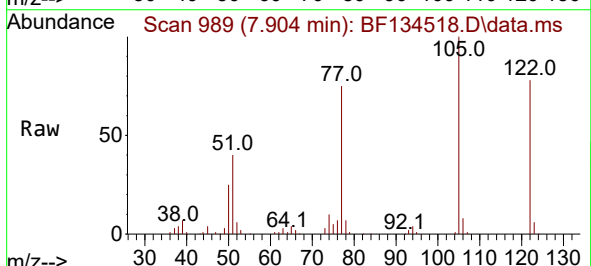
Manual Integrations
APPROVED

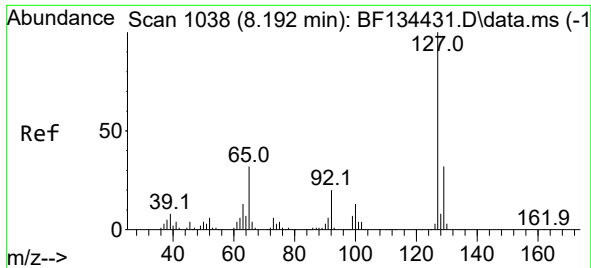
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023



#32
Benzoic acid
Concen: 39.686 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Tgt Ion:122 Resp: 127637
Ion Ratio Lower Upper
122 100
105 127.6 87.5 127.5#
77 95.1 71.4 111.4





#33
4-Chloroaniline
Concen: 38.530 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

ClientSampleId :

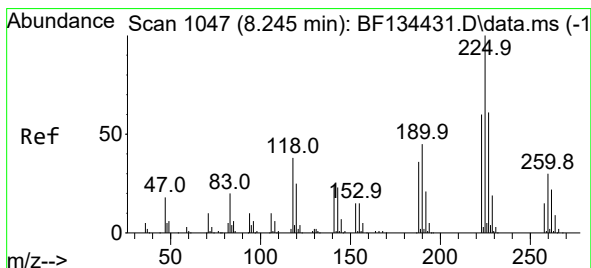
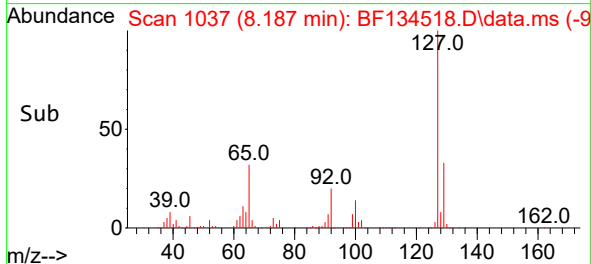
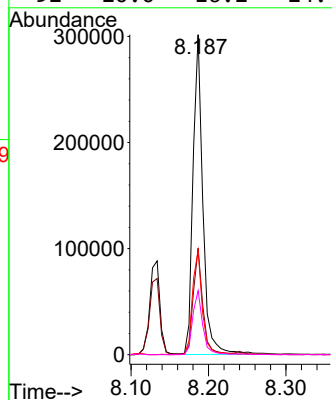
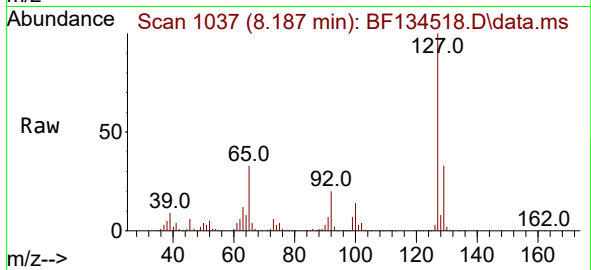
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Tgt Ion:127 Resp: 267498
Ion Ratio Lower Upper
127 100
129 33.3 25.6 38.4
65 32.7 25.4 38.0
92 20.0 16.2 24.4

Manual Integrations

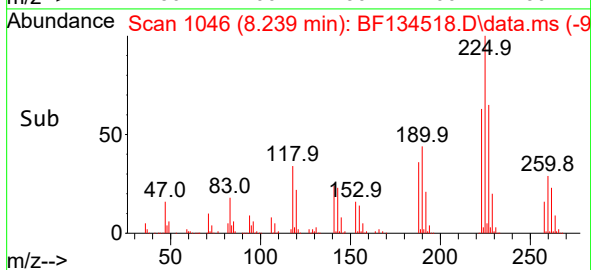
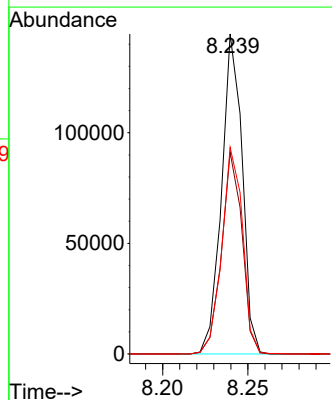
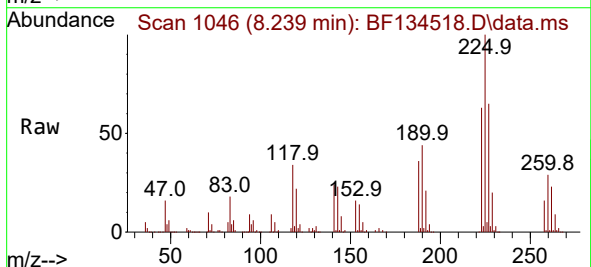
APPROVED

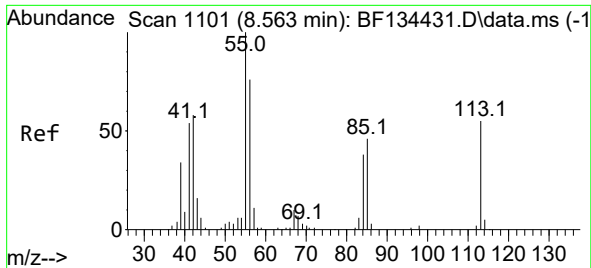
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023



#34
Hexachlorobutadiene
Concen: 34.937 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Tgt Ion:225 Resp: 121516
Ion Ratio Lower Upper
225 100
223 63.0 48.2 72.4
227 64.6 48.5 72.7





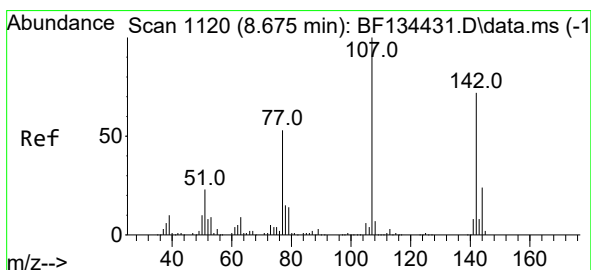
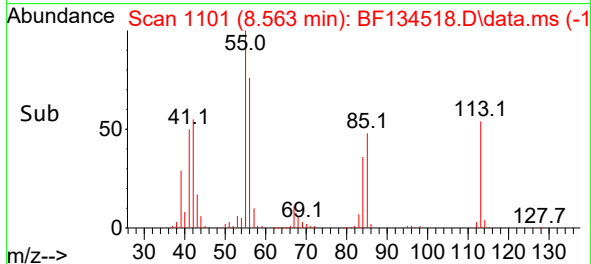
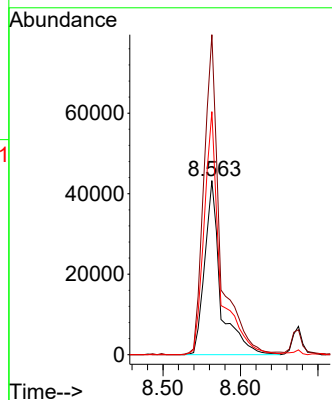
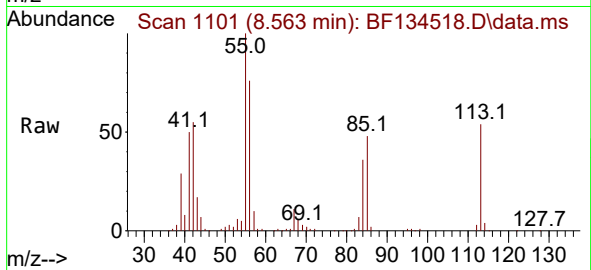
#35
Caprolactam
Concen: 42.048 ng
RT: 8.563 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 6188
Ion Ratio Lower Upper
113 100
55 183.8 161.5 201.5
56 139.6 117.8 157.8

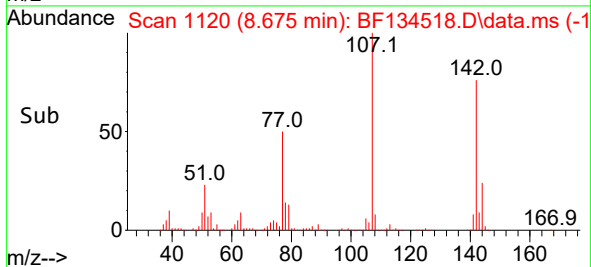
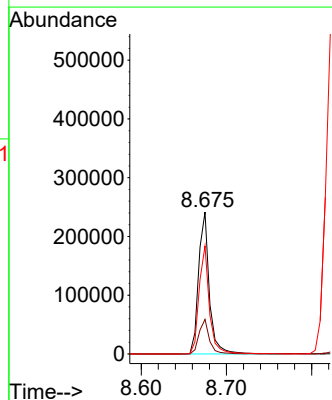
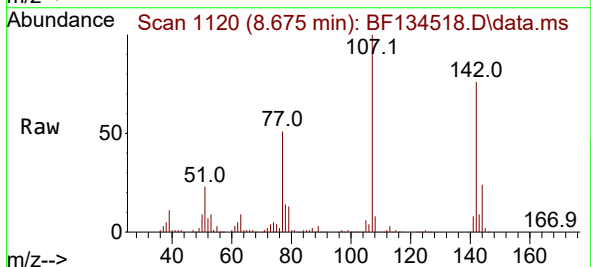
Manual Integrations
APPROVED

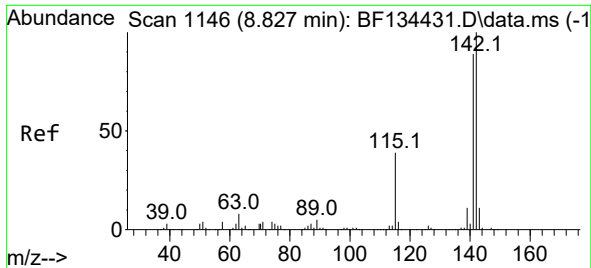
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023



#36
4-Chloro-3-methylphenol
Concen: 38.295 ng
RT: 8.675 min Scan# 1120
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

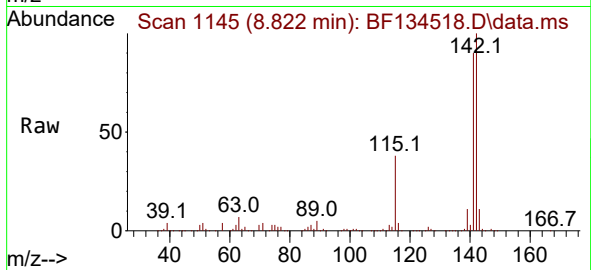
Tgt Ion:107 Resp: 212682
Ion Ratio Lower Upper
107 100
144 24.4 19.6 29.4
142 76.1 57.7 86.5





#37
2-Methylnaphthalene
Concen: 37.952 ng
RT: 8.822 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

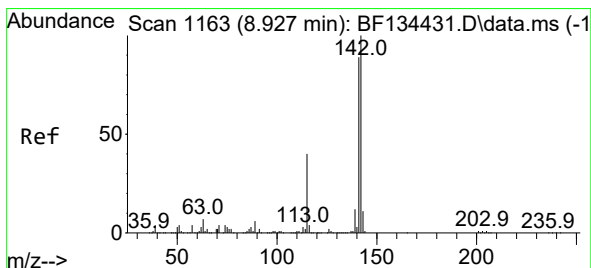
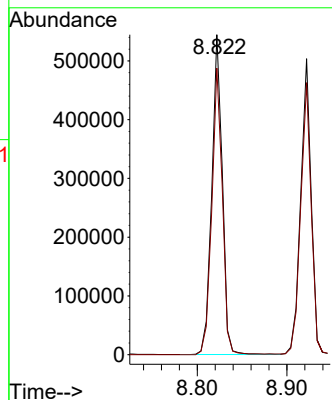
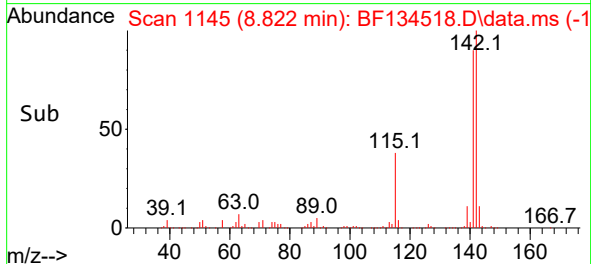
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 442905
Ion Ratio Lower Upper
142 100
141 89.5 70.8 106.2

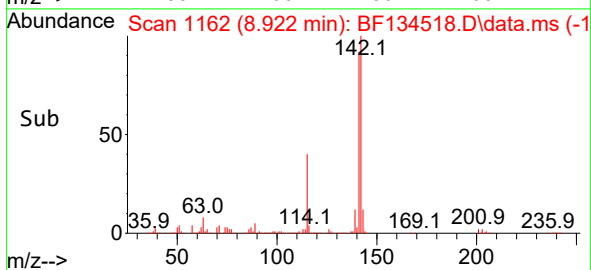
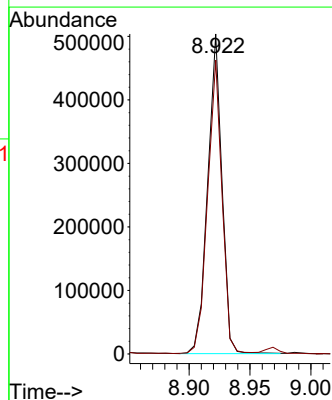
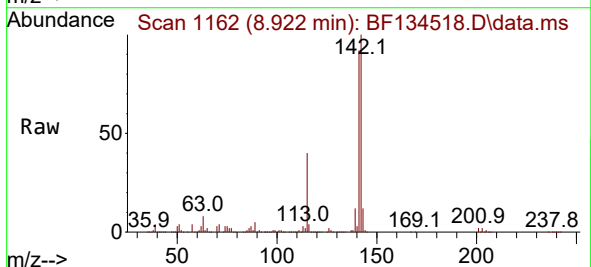
Manual Integrations
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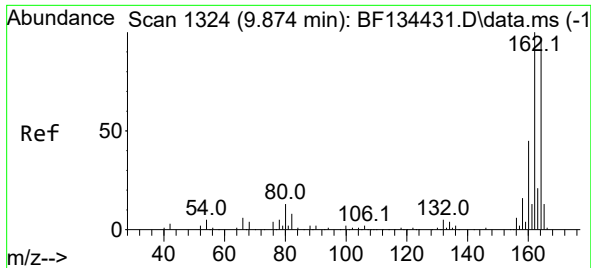
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023



#38
1-Methylnaphthalene
Concen: 37.851 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Tgt Ion:142 Resp: 409784
Ion Ratio Lower Upper
142 100
141 91.9 71.4 107.2





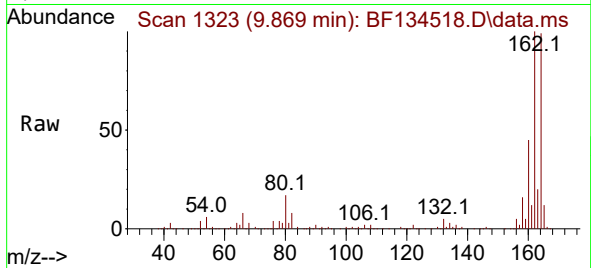
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



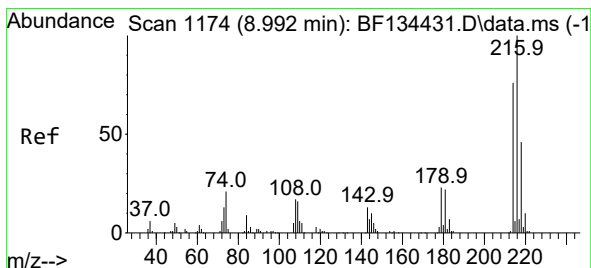
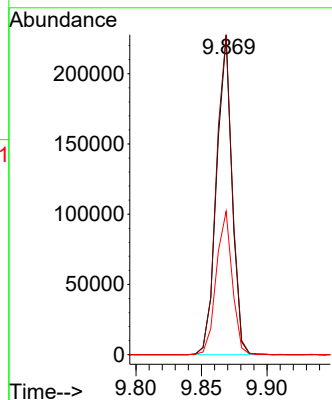
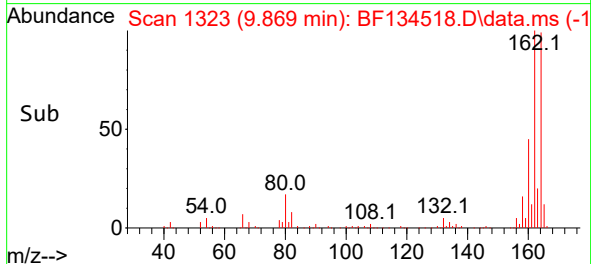
Tgt Ion:164 Resp: 185549
Ion Ratio Lower Upper
164 100
162 100.5 82.6 123.8
160 45.0 37.2 55.8

Manual Integrations

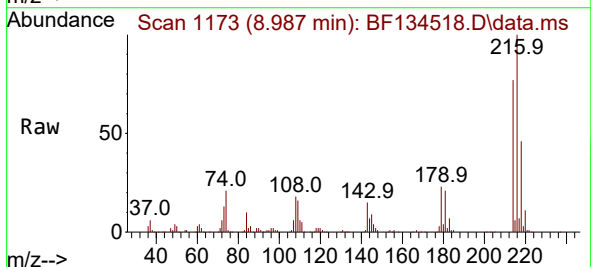
APPROVED

Reviewed By :Yogesh Patel 07/29/2023

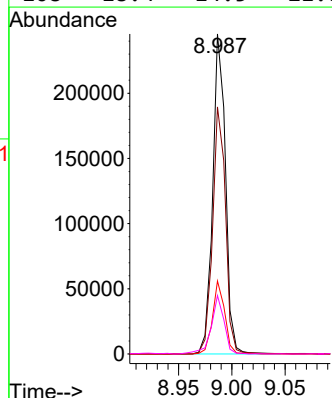
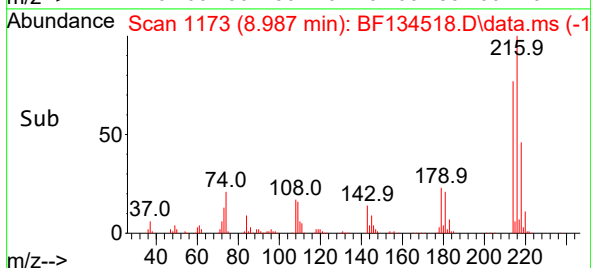
Supervised By :mohammad ahmed 07/31/2023

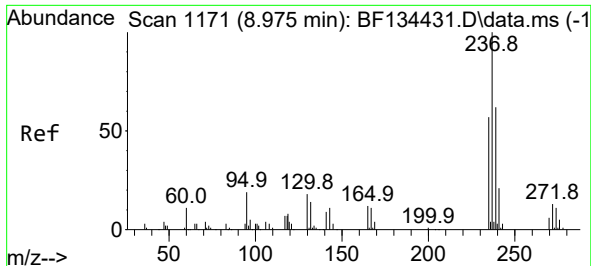


#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.868 ng
RT: 8.987 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29



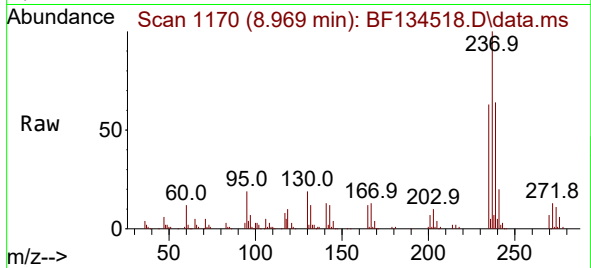
Tgt Ion:216 Resp: 205024
Ion Ratio Lower Upper
216 100
214 78.2 62.3 93.5
179 21.8 17.4 26.0
108 18.4 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 39.834 ng
RT: 8.969 min Scan# 1171
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

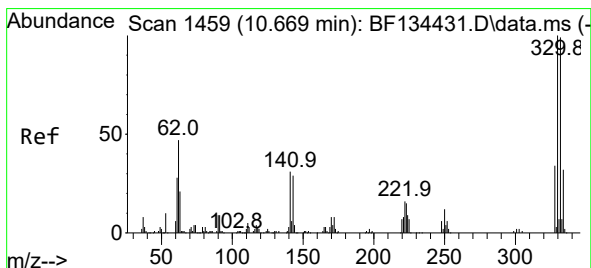
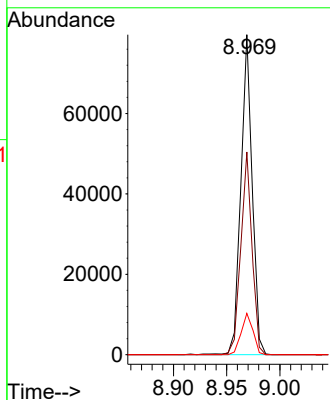
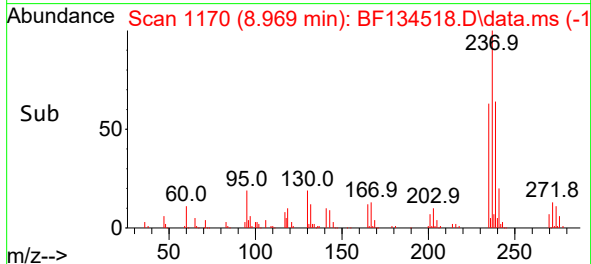
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



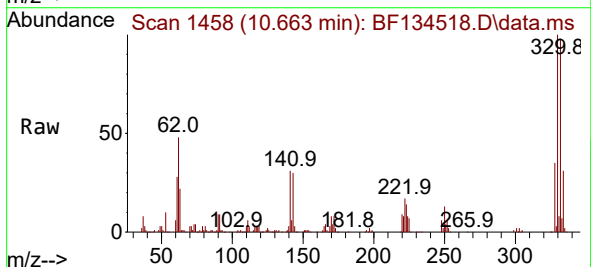
Tgt Ion: 237 Resp: 59048
Ion Ratio Lower Upper
237 100
235 63.3 37.0 77.0
272 12.9 0.0 32.7

Manual Integrations
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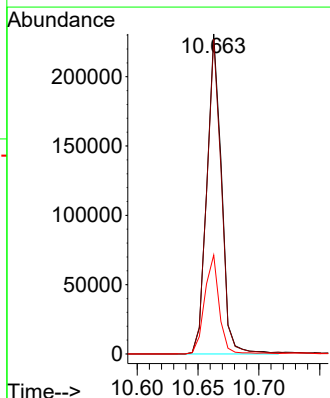
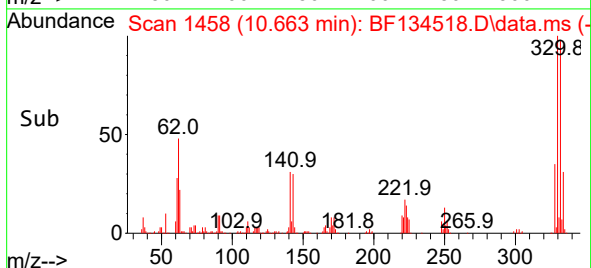
Reviewed By : Yogesh Patel 07/29/2023
Supervised By : mohammad ahmed 07/31/2023

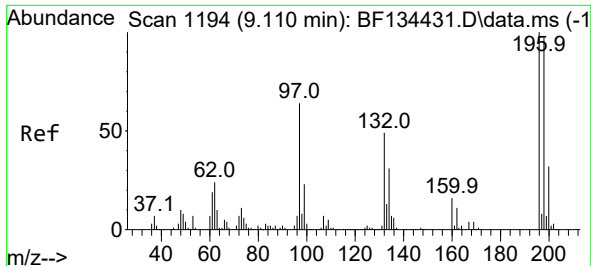


#42
2,4,6-Tribromophenol
Concen: 72.945 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29



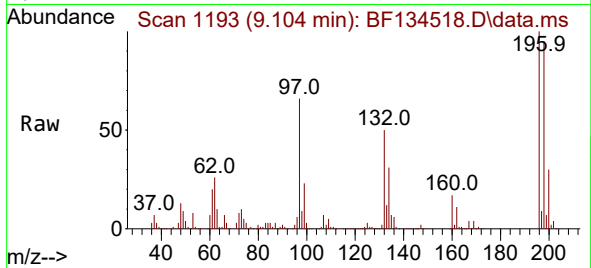
Tgt Ion: 330 Resp: 192307
Ion Ratio Lower Upper
330 100
332 99.1 78.8 118.2
141 30.9 25.4 38.2





#43
2,4,6-Trichlorophenol
Concen: 36.314 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

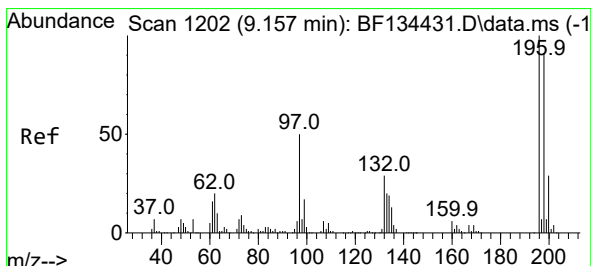
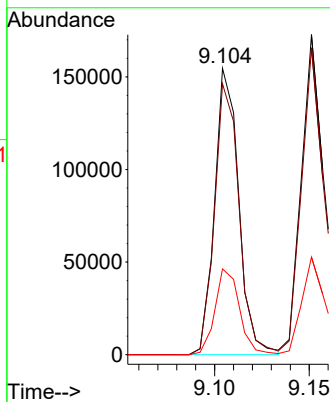
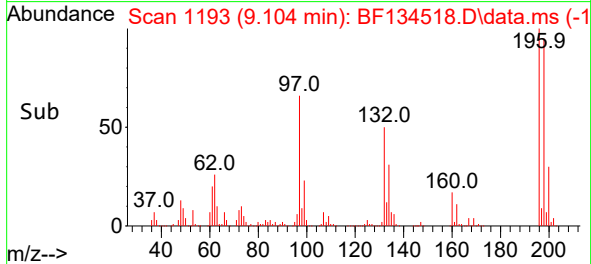
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



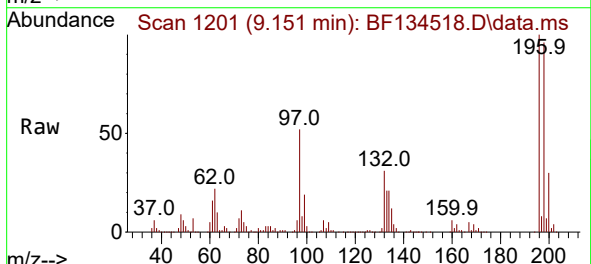
Tgt Ion:196 Resp: 13698
Ion Ratio Lower Upper
196 100
198 94.6 77.4 116.2
200 29.9 25.4 38.2

Manual Integrations
APPROVED

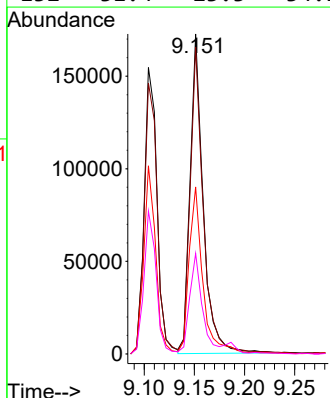
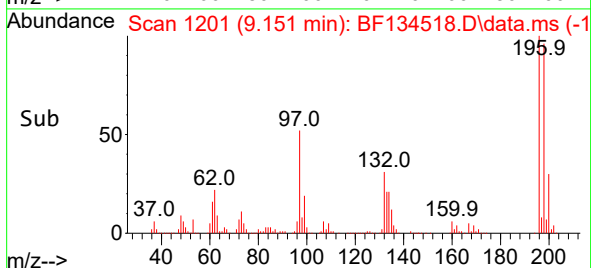
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023

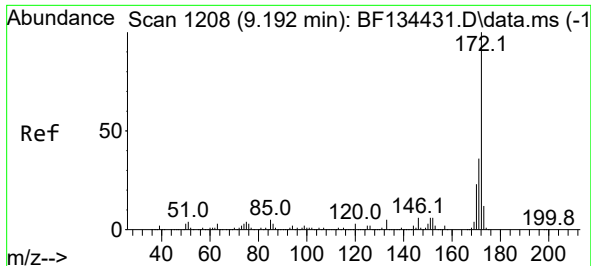


#44
2,4,5-Trichlorophenol
Concen: 35.820 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29



Tgt Ion:196 Resp: 157425
Ion Ratio Lower Upper
196 100
198 95.9 73.0 109.4
97 52.2 40.8 61.2
132 31.4 23.3 34.9





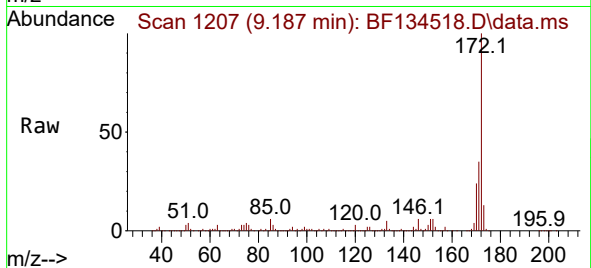
#45
2-Fluorobiphenyl
Concen: 68.817 ng
RT: 9.187 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

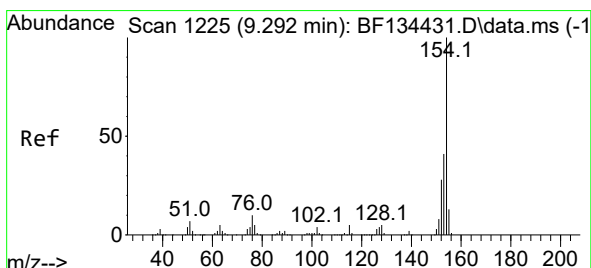
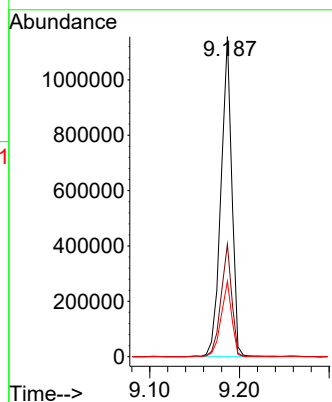
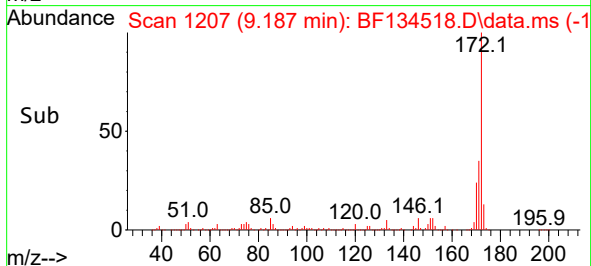


Tgt Ion:172 Resp: 97264
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.6 18.7 28.1

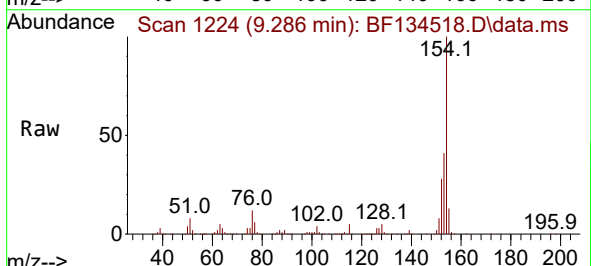
Manual Integrations

APPROVED

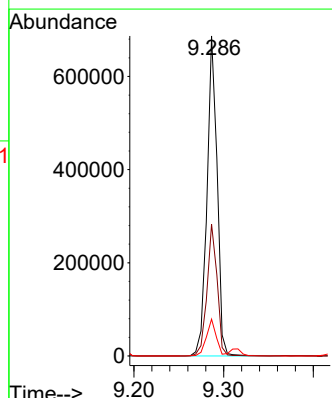
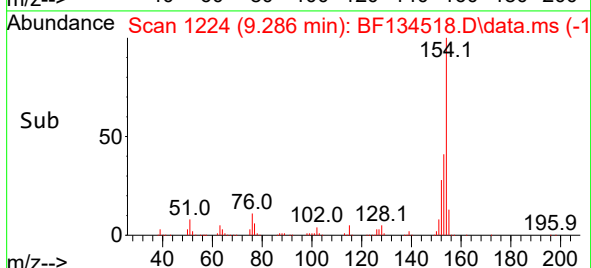
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023

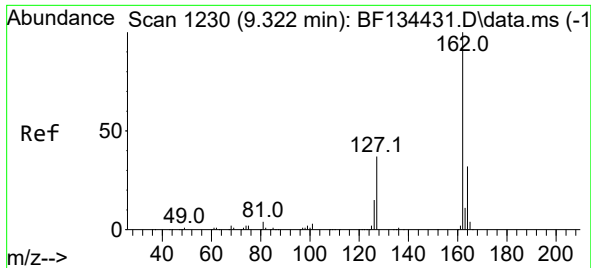


#46
1,1'-Biphenyl
Concen: 35.164 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29



Tgt Ion:154 Resp: 537754
Ion Ratio Lower Upper
154 100
153 41.2 20.8 60.8
76 11.5 0.0 30.2





#47
2-Chloronaphthalene
Concen: 34.935 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

ClientSampleId :

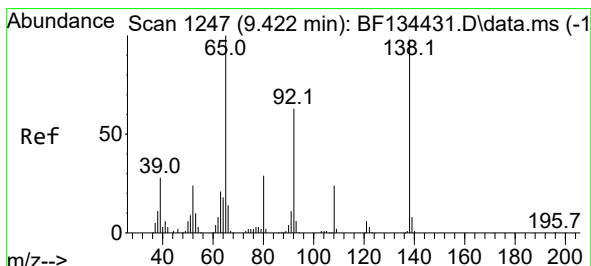
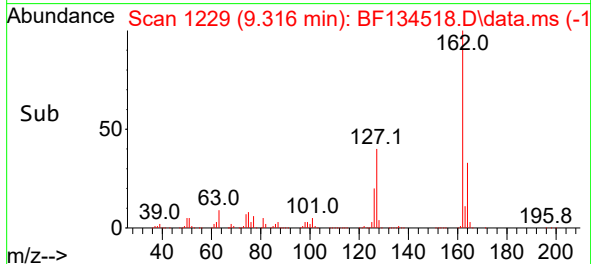
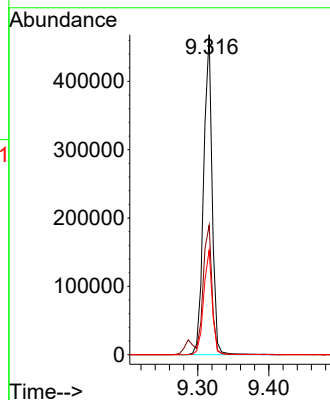
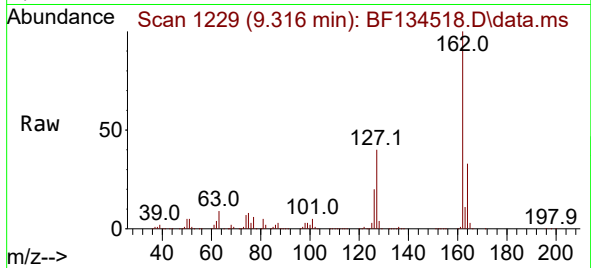
SSTDCCC040

Tgt Ion:162 Resp: 393862
Ion Ratio Lower Upper
162 100
127 40.4 34.0 51.0
164 32.7 25.7 38.5

Manual Integrations

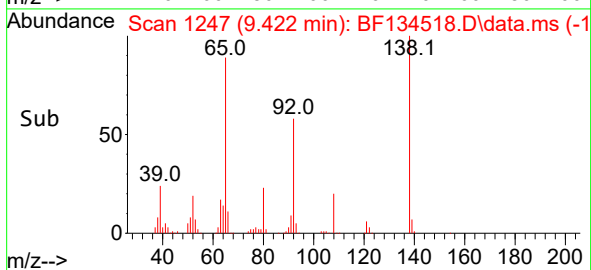
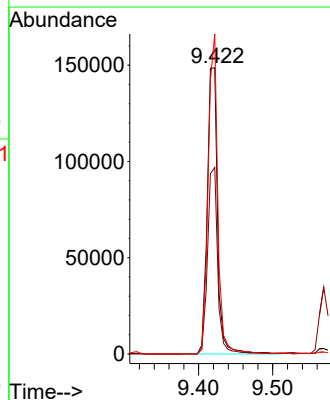
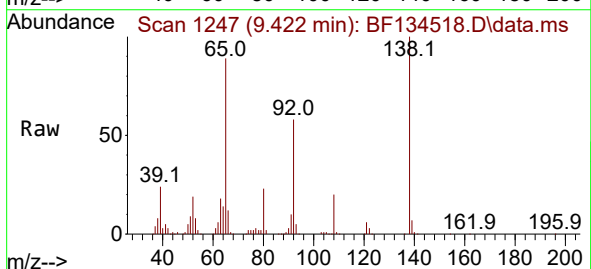
APPROVED

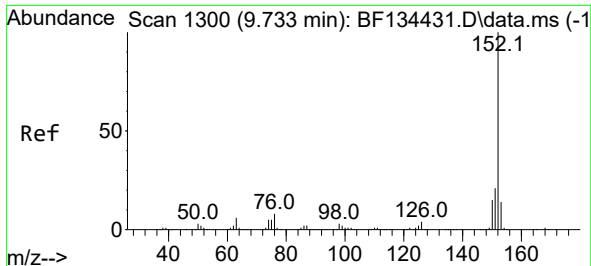
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023



#48
2-Nitroaniline
Concen: 35.719 ng
RT: 9.422 min Scan# 1247
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Tgt Ion: 65 Resp: 145031
Ion Ratio Lower Upper
65 100
92 65.2 50.7 76.1
138 111.8 78.2 117.4





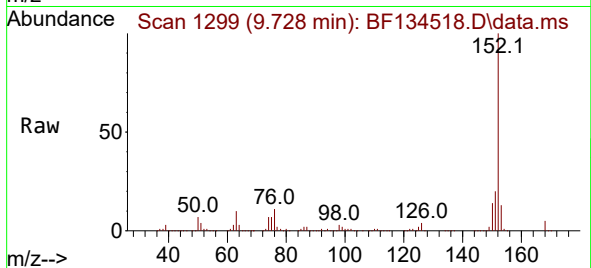
#49
Acenaphthylene
Concen: 34.932 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



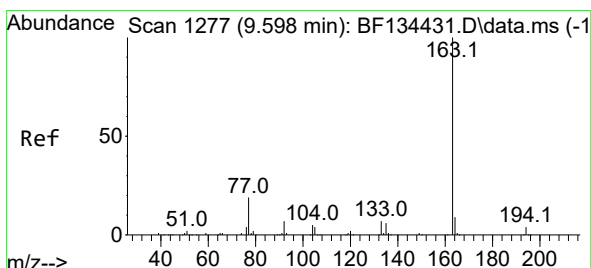
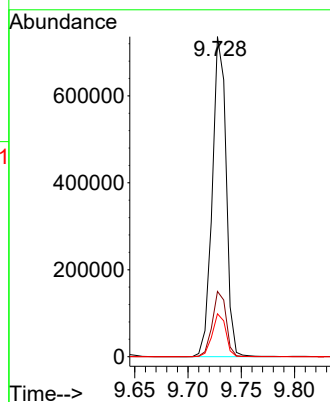
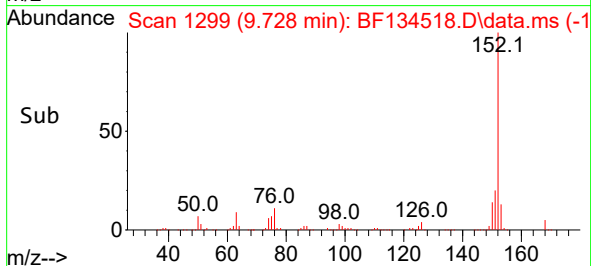
Tgt Ion:152 Resp: 665330
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.4 10.9 16.3

Manual Integrations

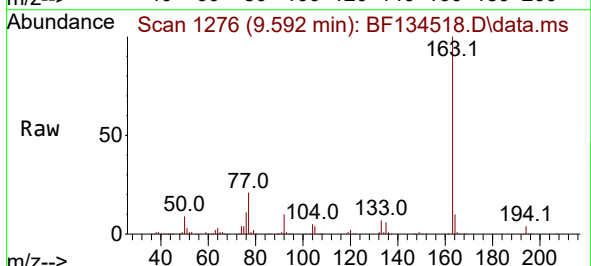
APPROVED

Reviewed By :Yogesh Patel 07/29/2023

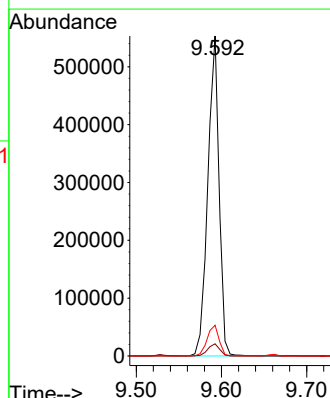
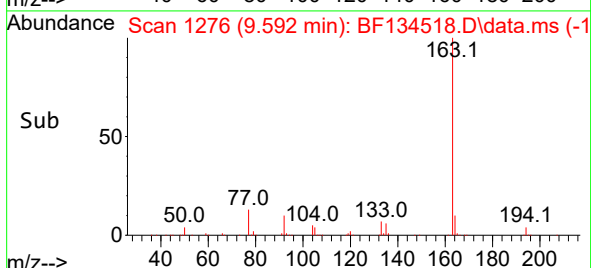
Supervised By :mohammad ahmed 07/31/2023

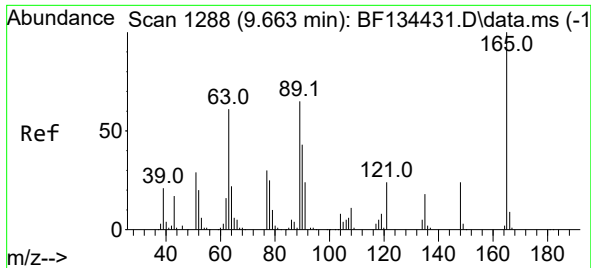


#50
Dimethylphthalate
Concen: 36.891 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29



Tgt Ion:163 Resp: 507425
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.6 7.5 11.3





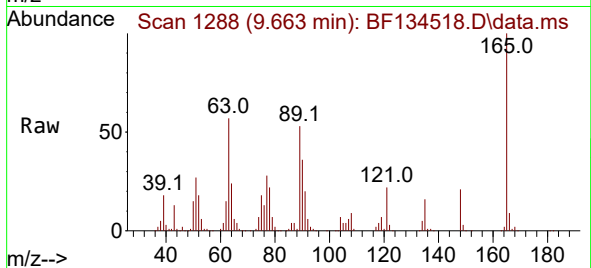
#51
2,6-Dinitrotoluene
Concen: 36.898 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



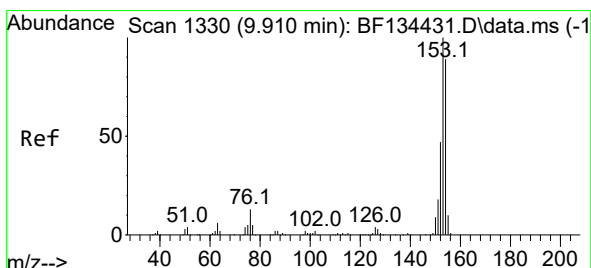
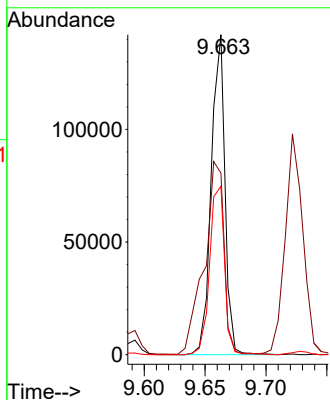
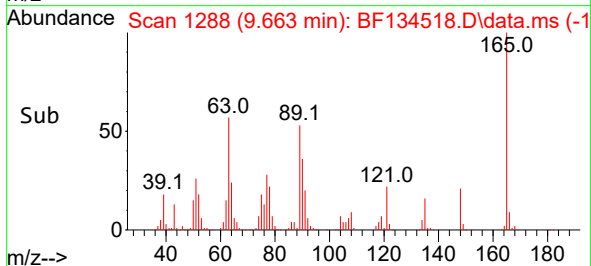
Tgt Ion:165 Resp: 111363
Ion Ratio Lower Upper
165 100
63 56.8 57.8 86.6
89 52.6 51.8 77.8

Manual Integrations

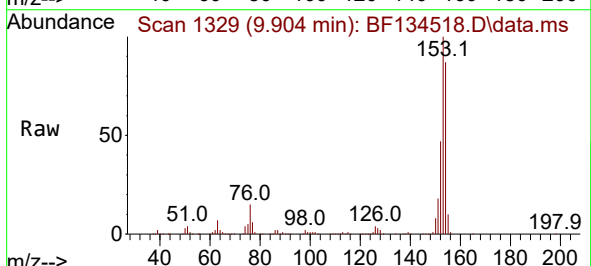
APPROVED

Reviewed By :Yogesh Patel 07/29/2023

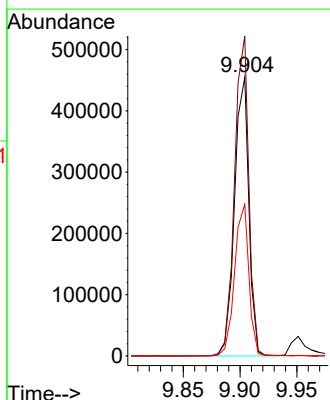
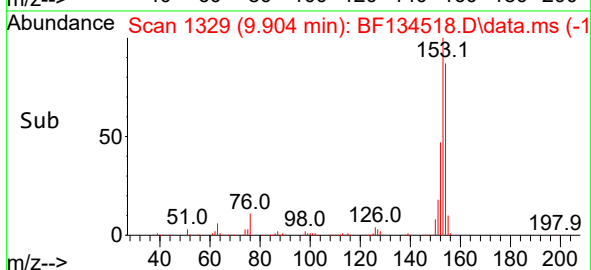
Supervised By :mohammad ahmed 07/31/2023

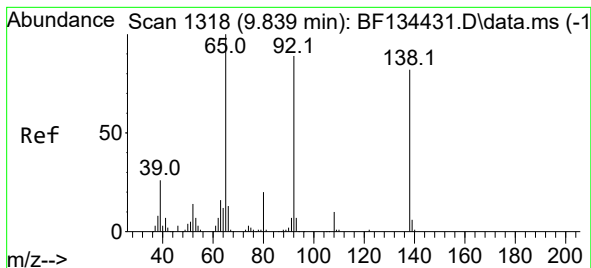


#52
Acenaphthene
Concen: 35.348 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29



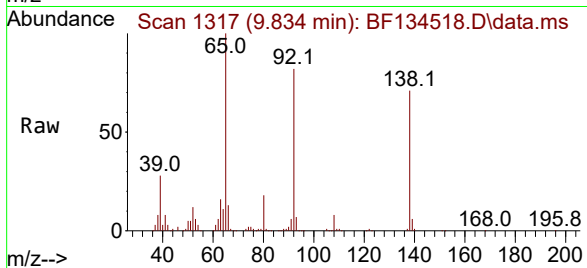
Tgt Ion:154 Resp: 397714
Ion Ratio Lower Upper
154 100
153 114.9 90.0 135.0
152 54.4 42.4 63.6





#53
3-Nitroaniline
Concen: 36.919 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

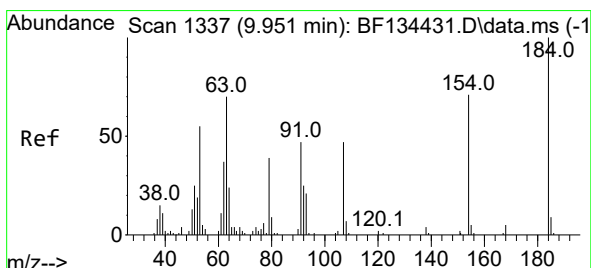
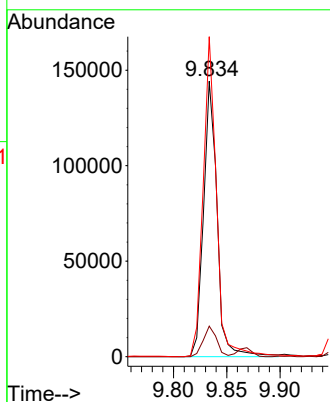
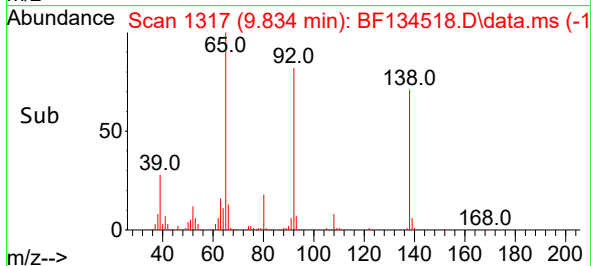
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 127752
Ion Ratio Lower Upper
138 100
108 11.1 9.3 13.9
92 116.1 86.6 129.8

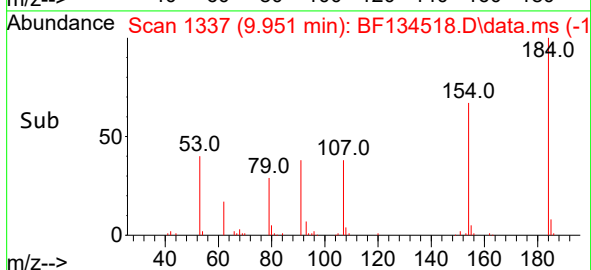
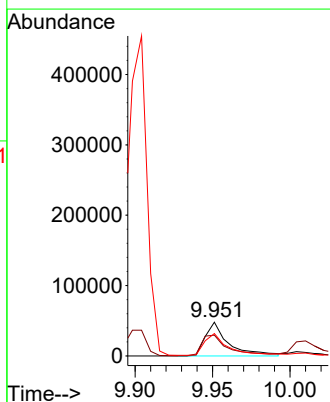
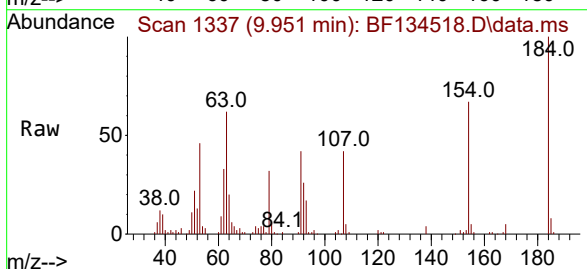
Manual Integrations
APPROVED

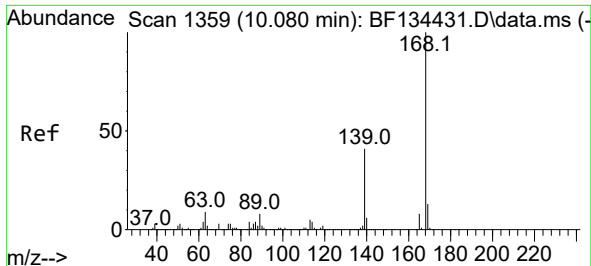
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023



#54
2,4-Dinitrophenol
Concen: 35.564 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

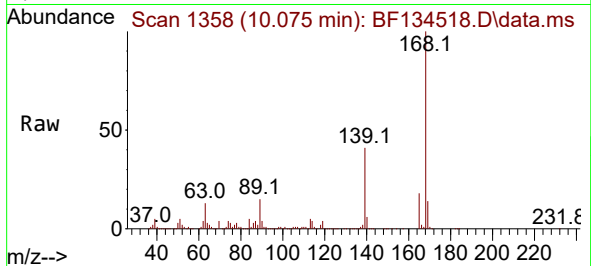
Tgt Ion:184 Resp: 50019
Ion Ratio Lower Upper
184 100
63 61.7 57.1 85.7
154 66.7 59.1 88.7





#55
Dibenzenofuran
Concen: 35.390 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

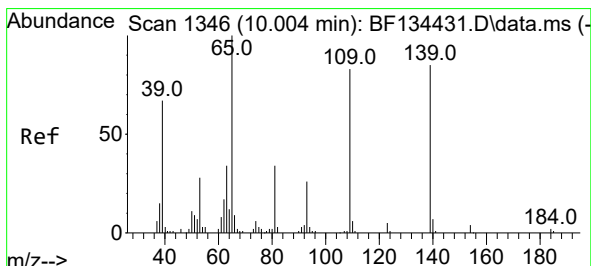
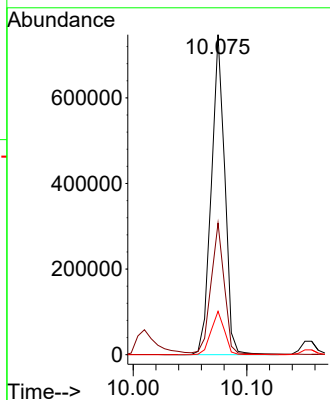
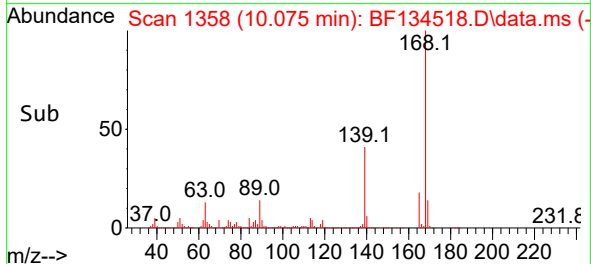
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 61286
Ion Ratio Lower Upper
168 100
139 41.1 33.4 50.2
169 13.6 10.6 15.8

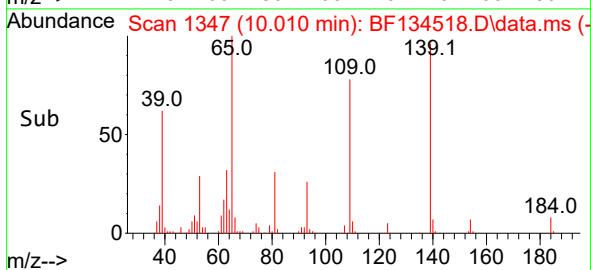
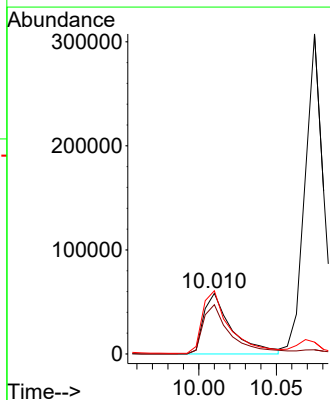
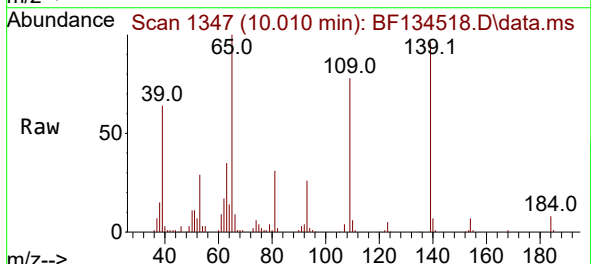
Manual Integrations
APPROVED

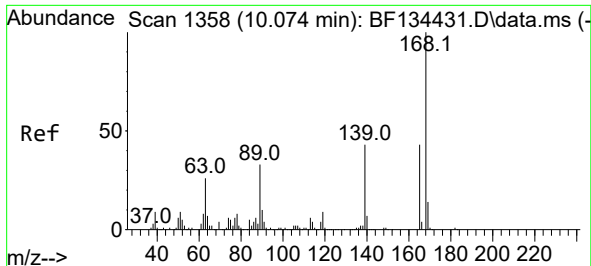
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023



#56
4-Nitrophenol
Concen: 39.516 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Tgt Ion:139 Resp: 72919
Ion Ratio Lower Upper
139 100
109 81.2 76.9 116.9
65 104.0 98.5 138.5





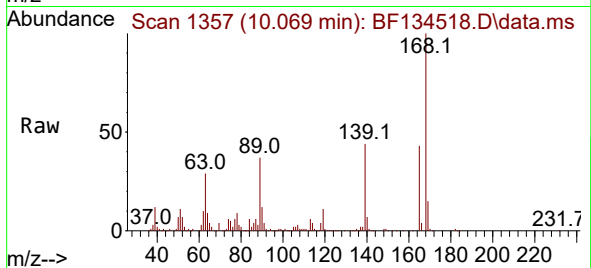
#57
2,4-Dinitrotoluene
Concen: 35.863 ng
RT: 10.069 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

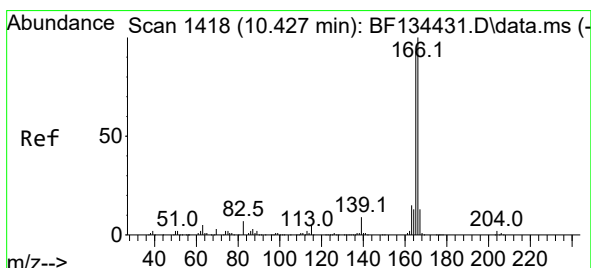
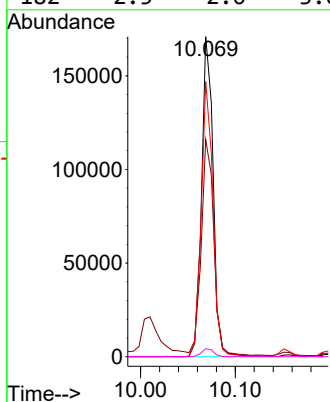
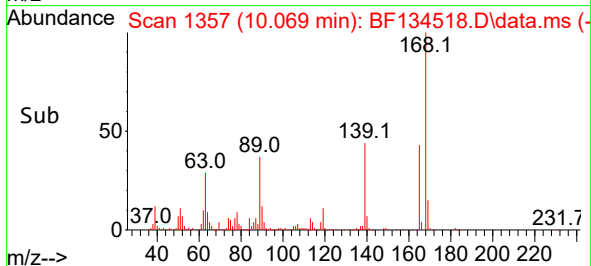


Tgt Ion:165 Resp: 145379
Ion Ratio Lower Upper
165 100
63 67.9 48.9 73.3
89 86.0 61.7 92.5
182 2.5 2.0 3.0

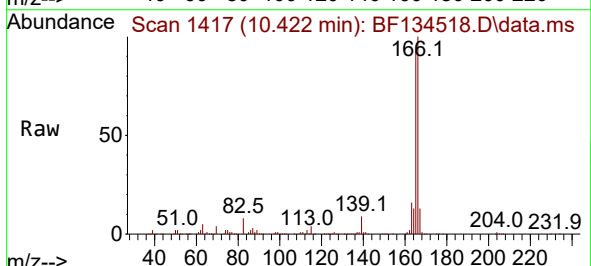
Manual Integrations

APPROVED

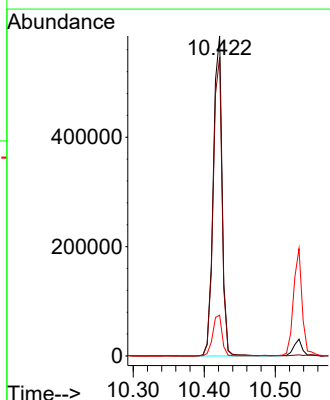
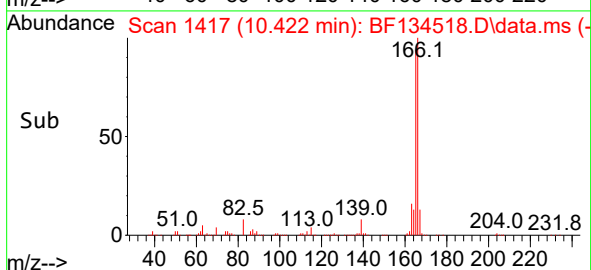
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023

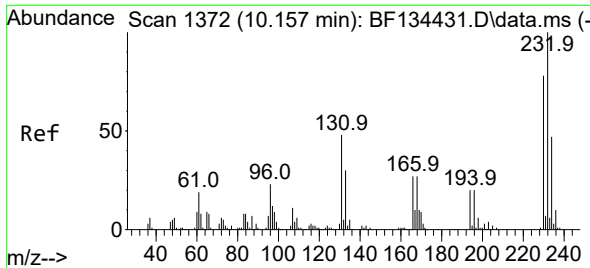


#58
Fluorene
Concen: 36.291 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29



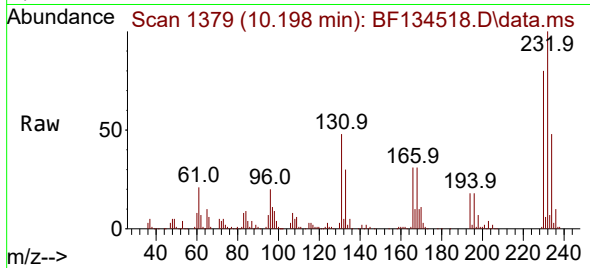
Tgt Ion:166 Resp: 506998
Ion Ratio Lower Upper
166 100
165 93.5 74.5 111.7
167 12.8 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.630 ng m
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

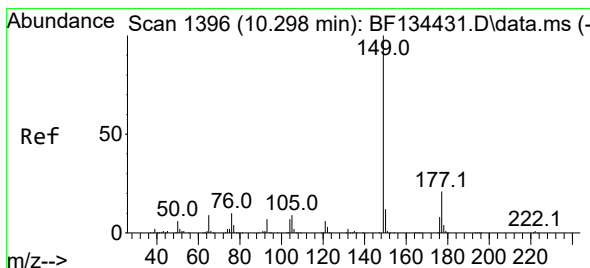
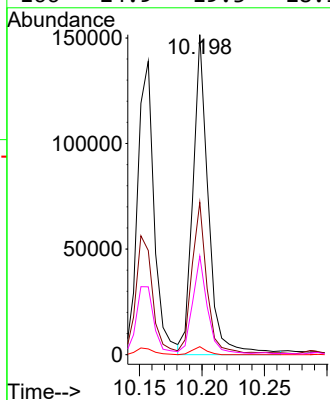
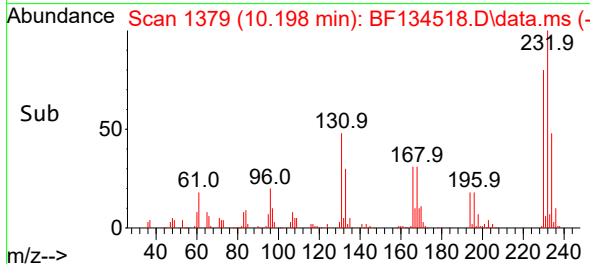
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



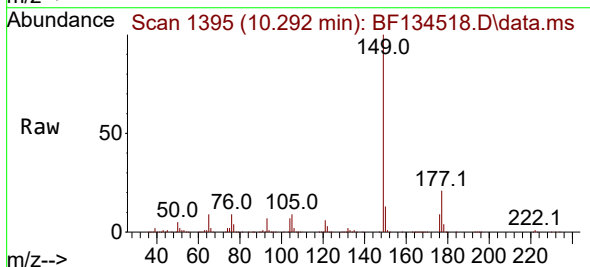
Tgt Ion:232 Resp: 130440
Ion Ratio Lower Upper
232 100
131 40.4 33.4 50.0
130 2.4 1.8 2.6
166 24.9 19.3 28.9

Manual Integrations
APPROVED

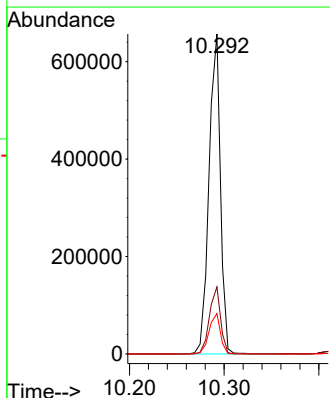
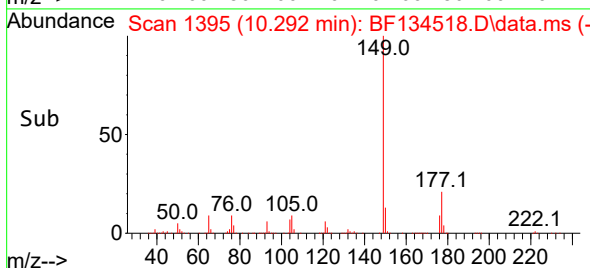
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023

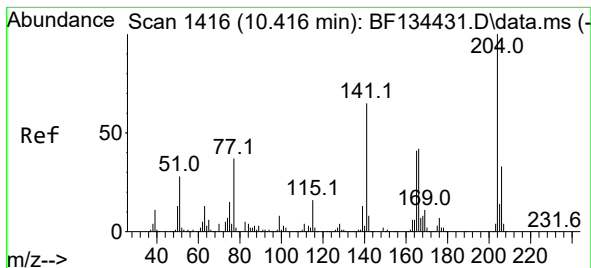


#60
Diethylphthalate
Concen: 38.506 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29



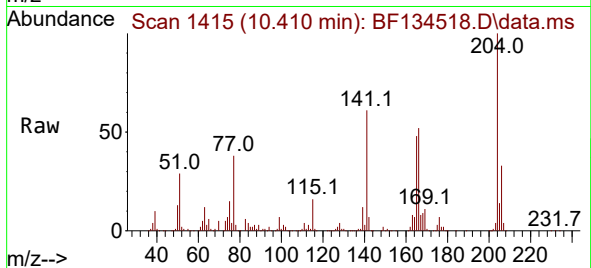
Tgt Ion:149 Resp: 548353
Ion Ratio Lower Upper
149 100
177 21.0 17.0 25.4
150 12.6 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 37.054 ng
RT: 10.410 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

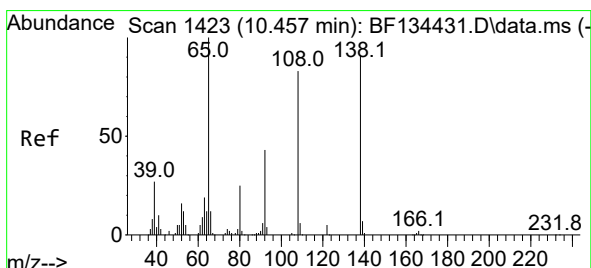
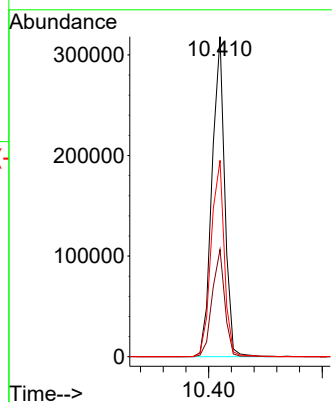
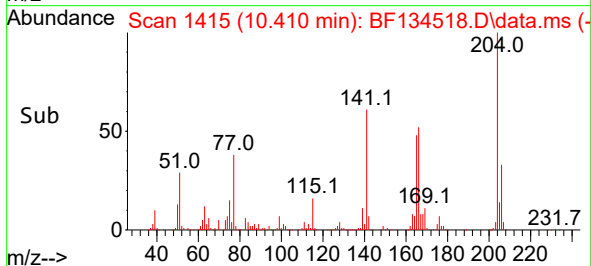
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 24728
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 61.4 52.2 78.4

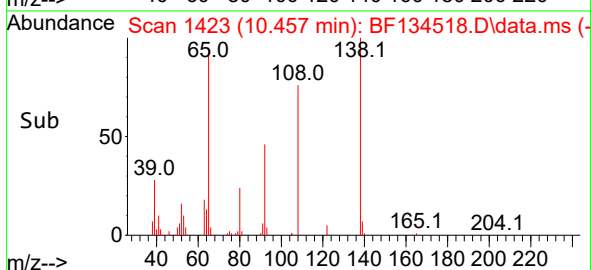
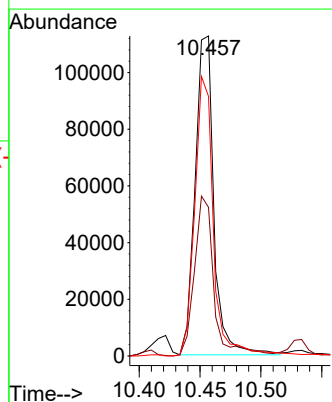
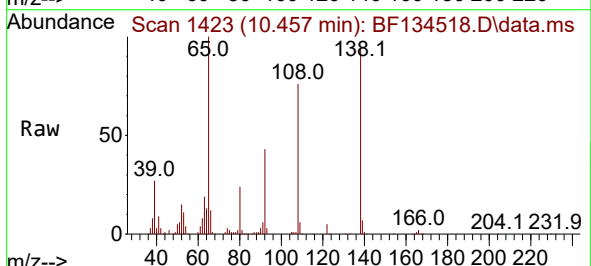
Manual Integrations
APPROVED

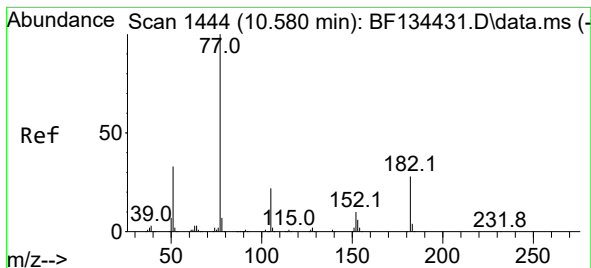
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023



#62
4-Nitroaniline
Concen: 34.132 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

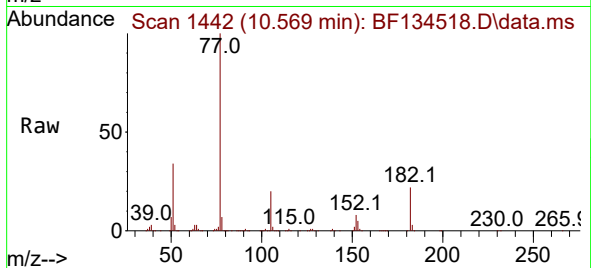
Tgt Ion:138 Resp: 121176
Ion Ratio Lower Upper
138 100
92 46.5 27.0 67.0
108 81.1 70.4 110.4





#63
Azobenzene
Concen: 38.548 ng
RT: 10.569 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

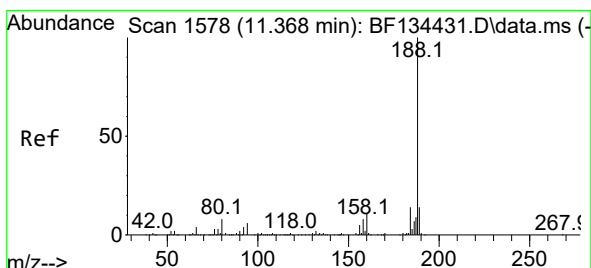
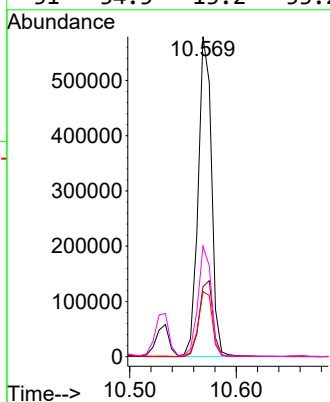
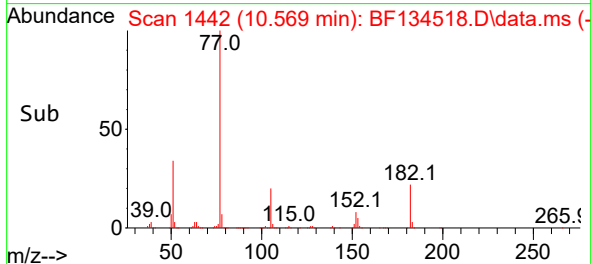
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



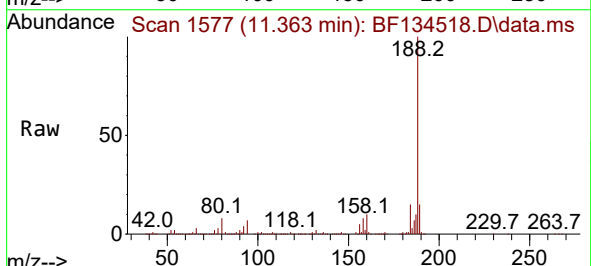
Tgt Ion: 77 Resp: 50528
Ion Ratio Lower Upper
77 100
182 21.9 7.5 47.5
105 20.4 1.9 41.9
51 34.5 13.2 53.2

Manual Integrations
APPROVED

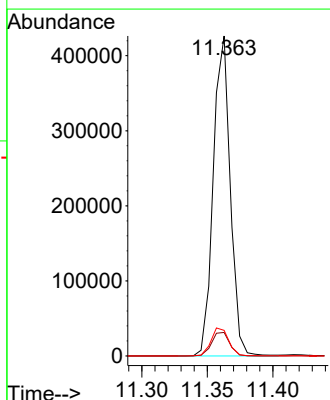
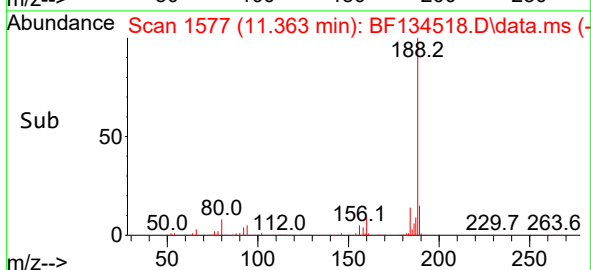
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023

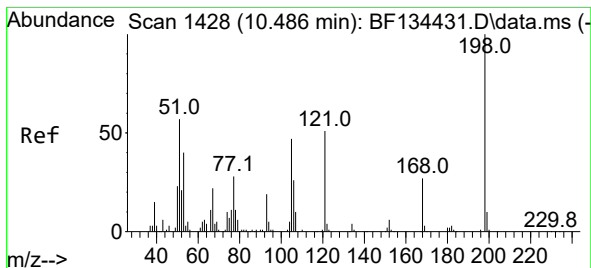


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29



Tgt Ion:188 Resp: 383332
Ion Ratio Lower Upper
188 100
94 7.3 5.1 7.7
80 8.0 6.6 9.8





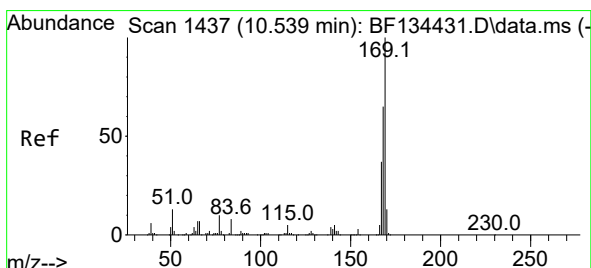
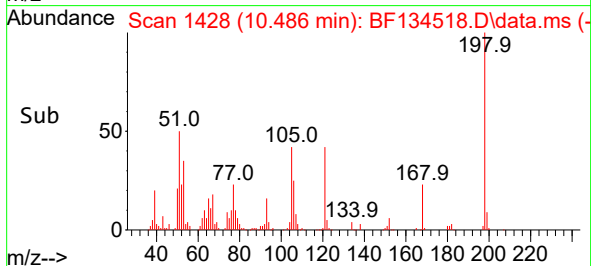
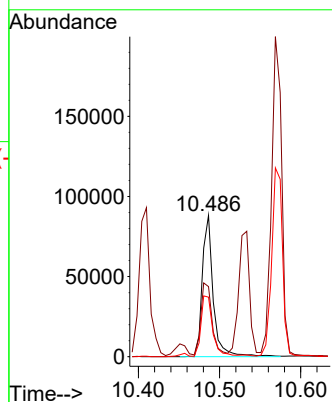
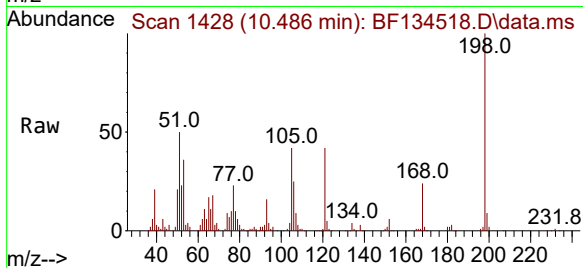
#65
4,6-Dinitro-2-methylphenol
Concen: 37.485 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 82420
Ion Ratio Lower Upper
198 100
51 49.7 38.6 78.6
105 42.2 27.9 67.9

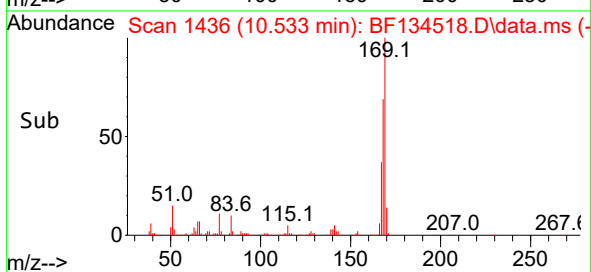
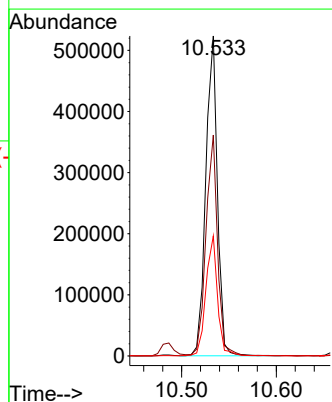
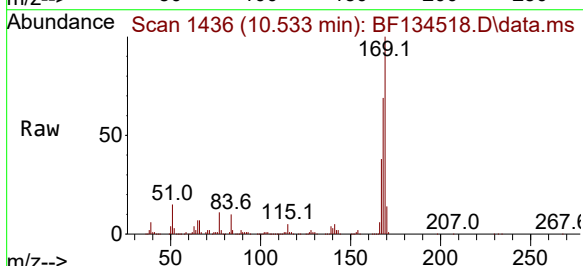
Manual Integrations
APPROVED

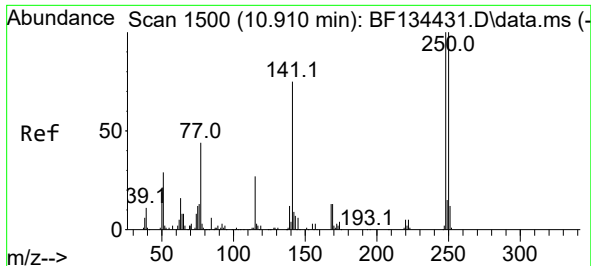
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023



#66
n-Nitrosodiphenylamine
Concen: 36.386 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Tgt Ion:169 Resp: 443752
Ion Ratio Lower Upper
169 100
168 69.0 52.6 78.8
167 37.5 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 37.072 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

ClientSampleId :

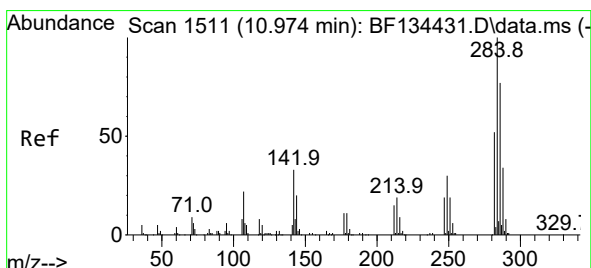
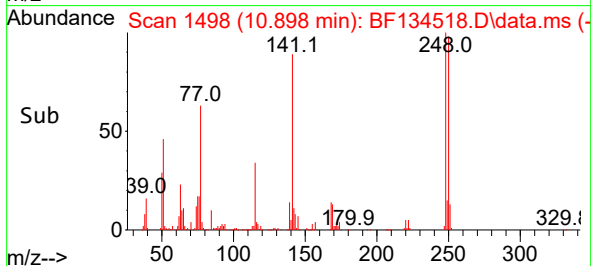
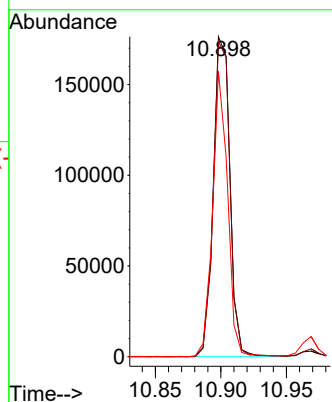
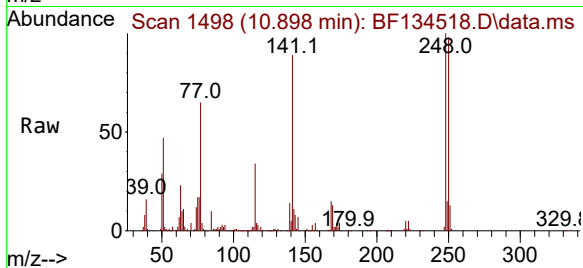
SSTDCCC040

Tgt Ion:248 Resp: 155700
Ion Ratio Lower Upper
248 100
250 98.5 79.6 119.4
141 89.1 59.6 89.4

Manual Integrations

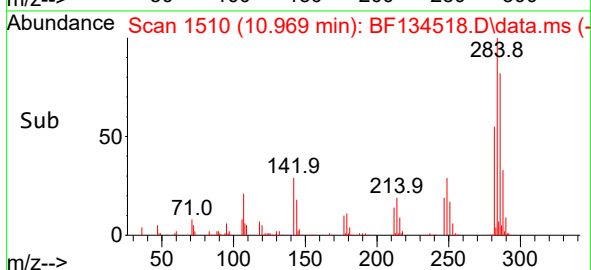
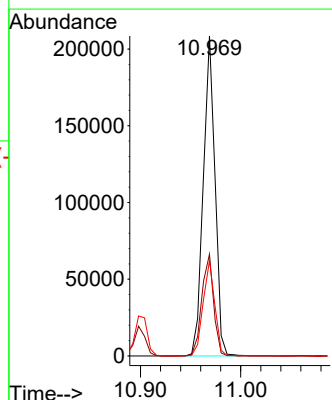
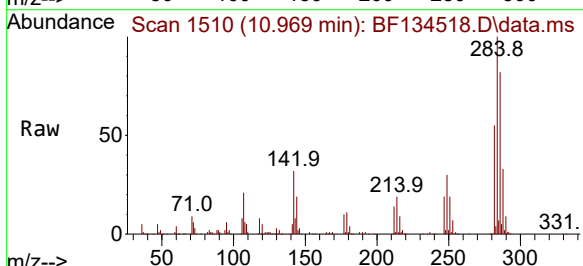
APPROVED

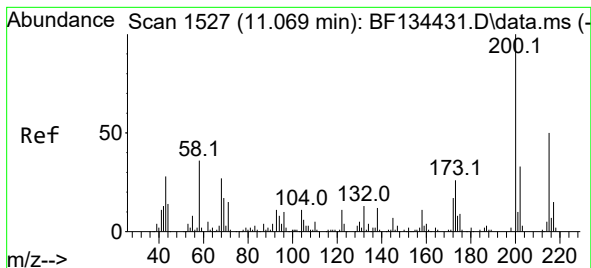
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023



#68
Hexachlorobenzene
Concen: 36.025 ng
RT: 10.969 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Tgt Ion:284 Resp: 170382
Ion Ratio Lower Upper
284 100
142 31.8 26.5 39.7
249 29.8 23.8 35.8





#69

Atrazine

Concen: 37.087 ng

RT: 11.063 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134518.D

Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 126100

Ion Ratio Lower Upper

200 100

173 27.1 6.1 46.1

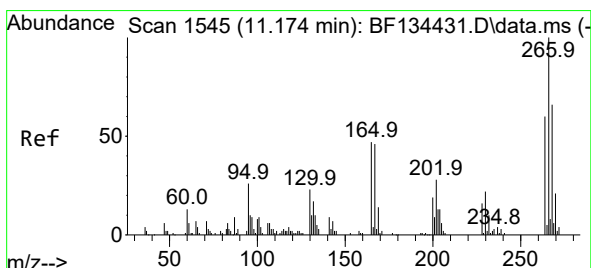
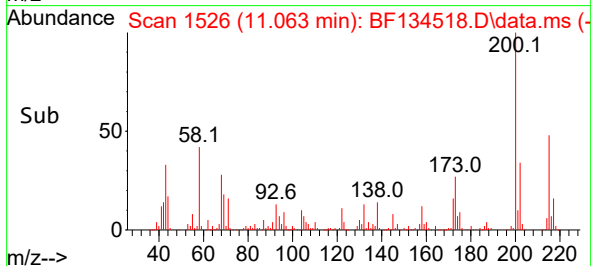
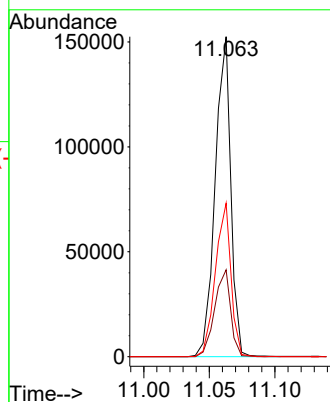
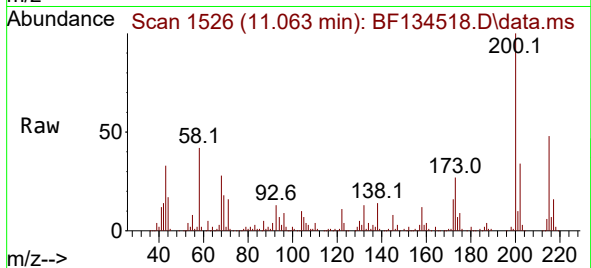
215 47.9 29.7 69.7

Manual Integrations

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Reviewed By :Yogesh Patel 07/29/2023

Supervised By :mohammad ahmed 07/31/2023



#70

Pentachlorophenol

Concen: 40.463 ng

RT: 11.169 min Scan# 1544

Delta R.T. 0.000 min

Lab File: BF134518.D

Acq: 28 Jul 2023 16:29

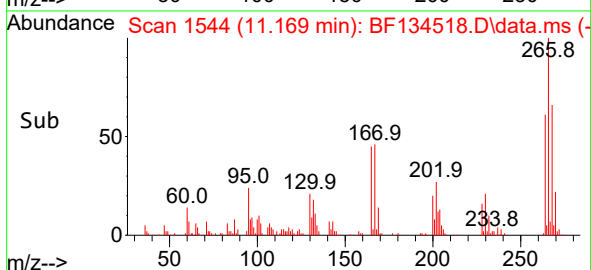
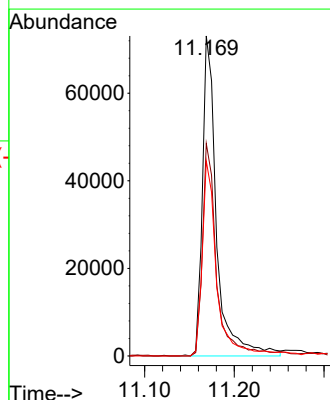
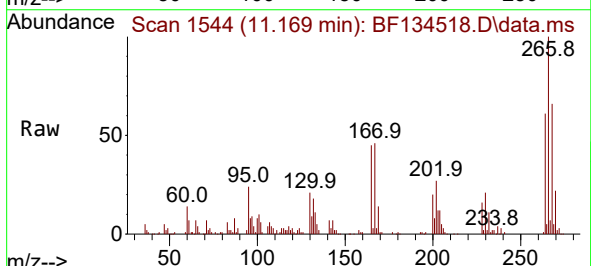
Tgt Ion:266 Resp: 80311

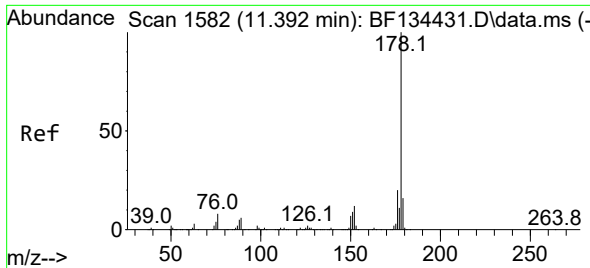
Ion Ratio Lower Upper

266 100

268 66.4 52.9 79.3

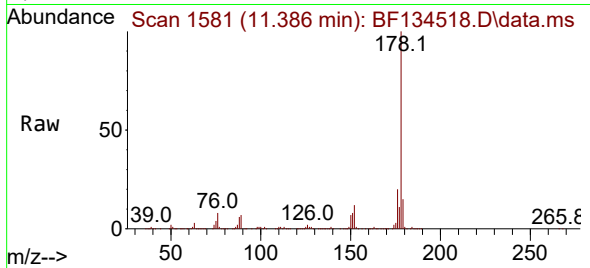
264 61.0 47.8 71.6





#71
Phenanthrene
Concen: 35.017 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

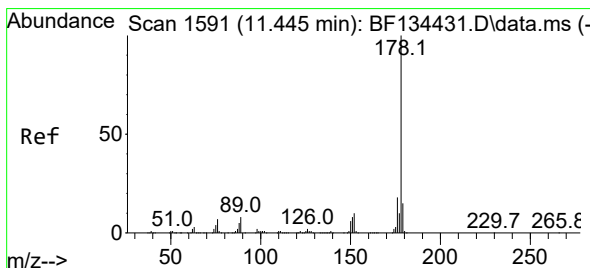
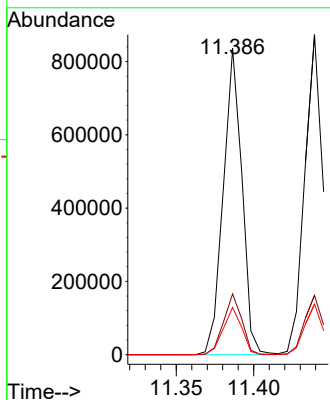
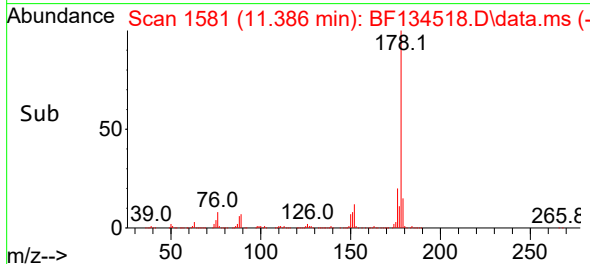
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



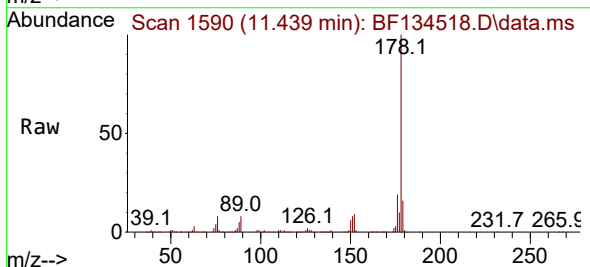
Tgt Ion:178 Resp: 701333
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 15.4 12.7 19.1

Manual Integrations
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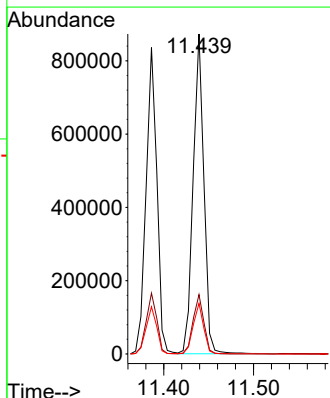
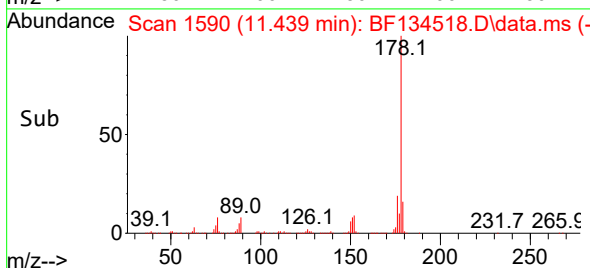
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023

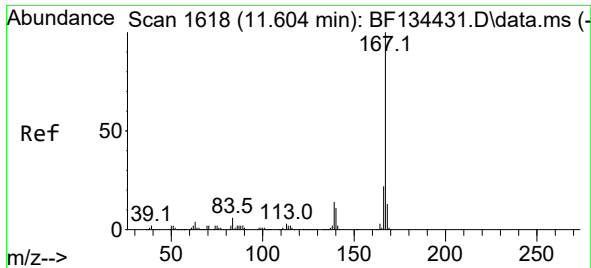


#72
Anthracene
Concen: 35.045 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29



Tgt Ion:178 Resp: 724445
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.8 12.3 18.5





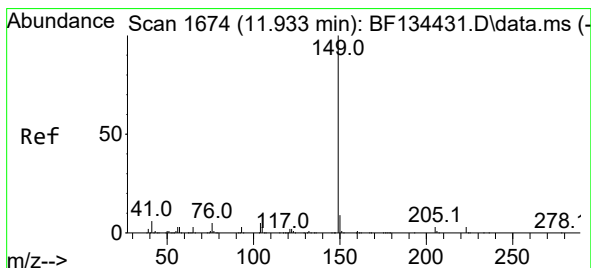
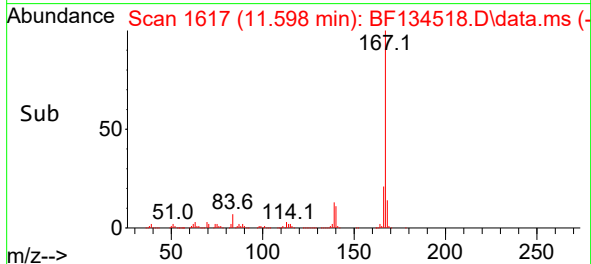
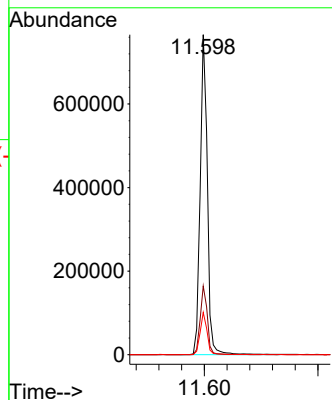
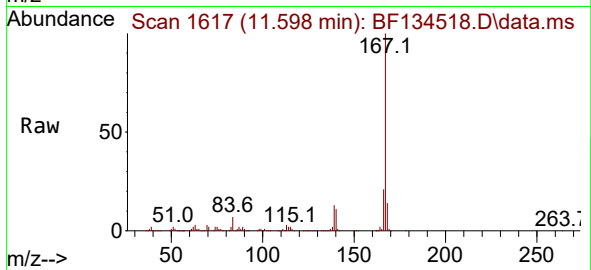
#73
 Carbazole
 Concen: 34.714 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: BF134518.D
 Acq: 28 Jul 2023 16:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:167 Resp: 67575
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 13.2 11.0 16.4

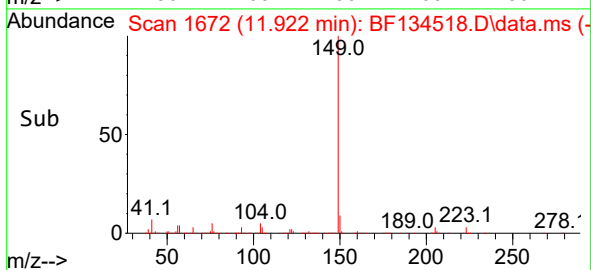
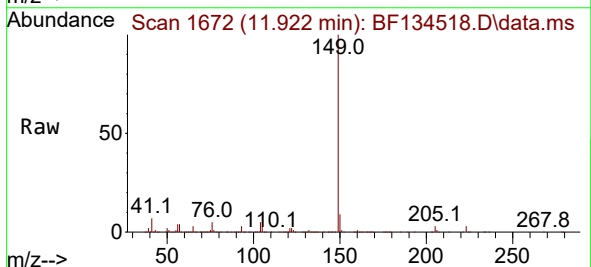
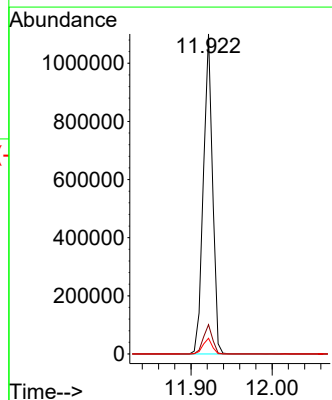
Manual Integrations
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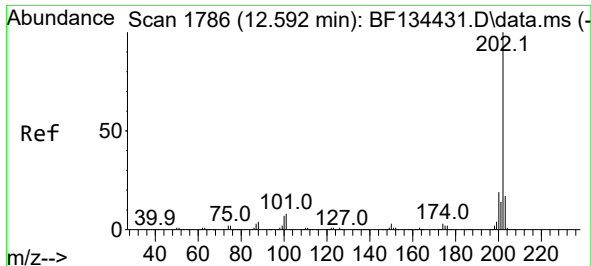
Reviewed By :Yogesh Patel 07/29/2023
 Supervised By :mohammad ahmed 07/31/2023



#74
 Di-n-butylphthalate
 Concen: 38.588 ng
 RT: 11.922 min Scan# 1672
 Delta R.T. 0.000 min
 Lab File: BF134518.D
 Acq: 28 Jul 2023 16:29

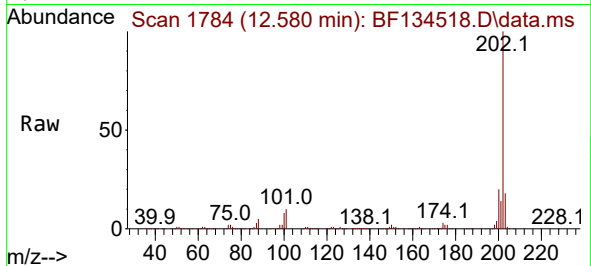
Tgt Ion:149 Resp: 862275
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 4.9 3.8 5.8





#75
Fluoranthene
Concen: 33.441 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

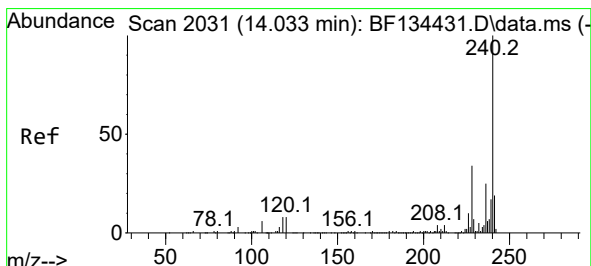
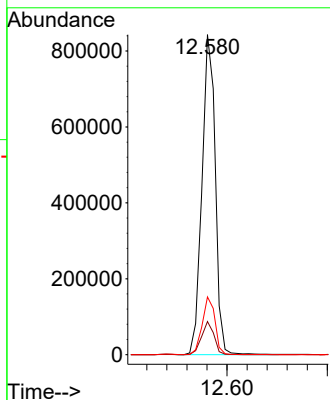
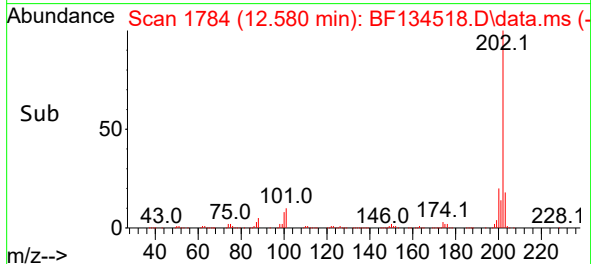
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 780580
Ion Ratio Lower Upper
202 100
101 10.3 0.0 28.5
203 18.0 0.0 37.5

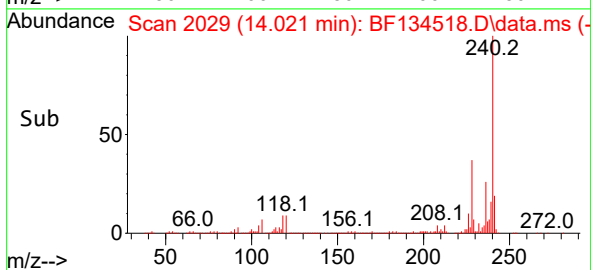
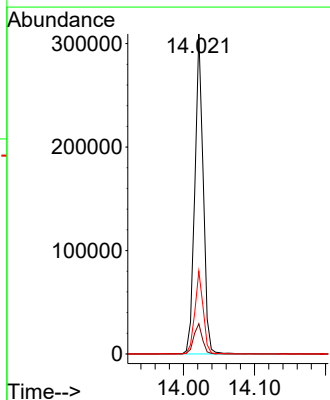
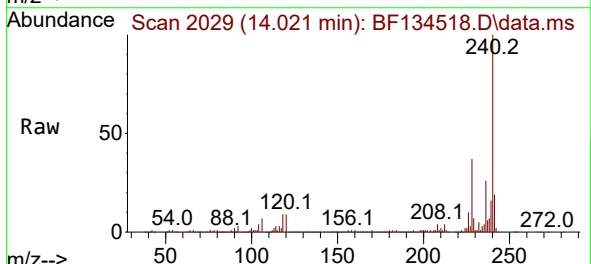
Manual Integrations
APPROVED

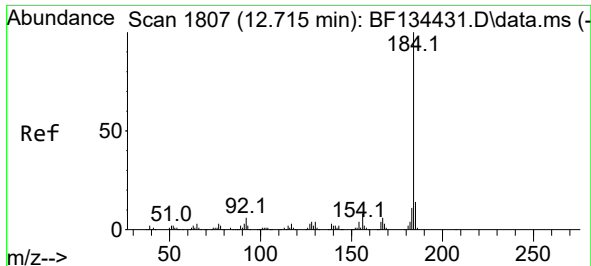
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Tgt Ion:240 Resp: 254954
Ion Ratio Lower Upper
240 100
120 9.5 6.6 10.0
236 25.8 20.2 30.2





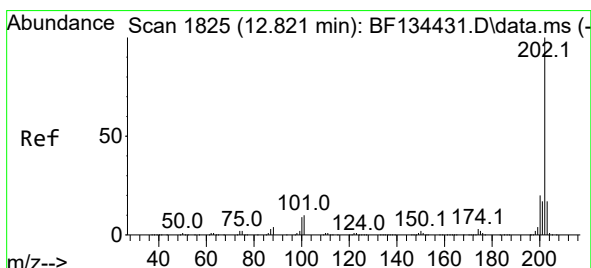
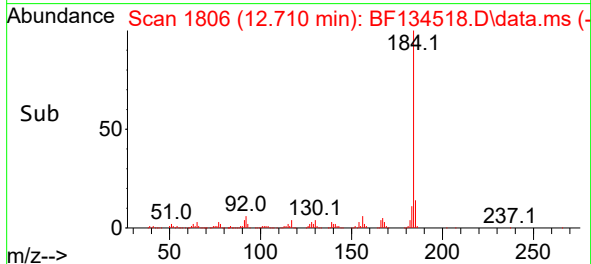
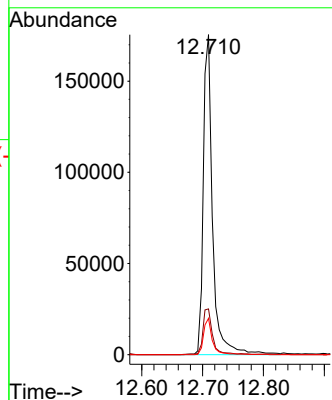
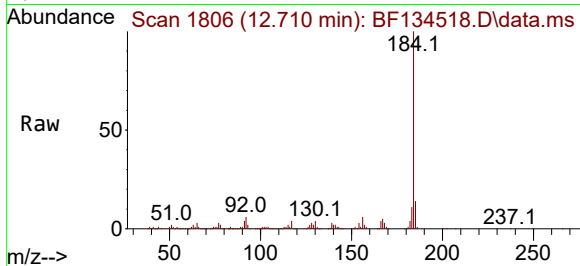
#77
Benzidine
Concen: 34.205 ng
RT: 12.710 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 186200
Ion Ratio Lower Upper
184 100
185 14.3 11.2 16.8
183 11.4 8.6 13.0

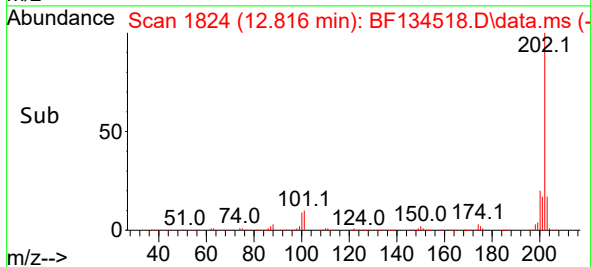
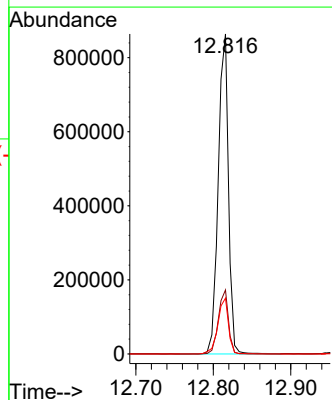
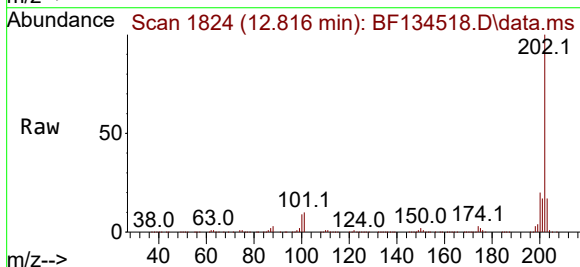
Manual Integrations
APPROVED

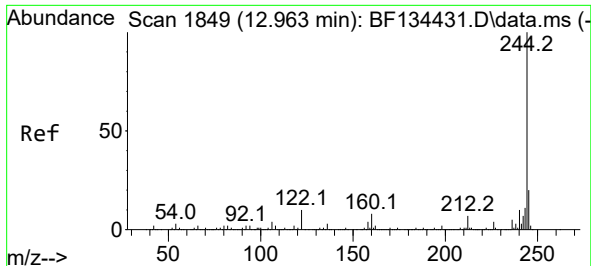
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023



#78
Pyrene
Concen: 39.055 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Tgt Ion:202 Resp: 791720
Ion Ratio Lower Upper
202 100
200 20.0 15.8 23.8
203 17.4 13.5 20.3





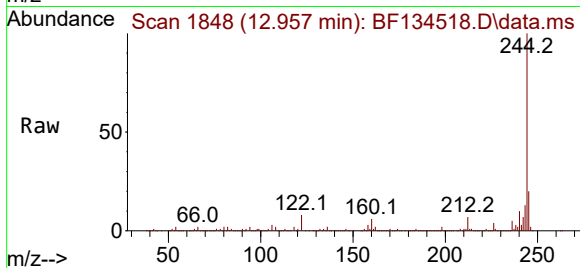
#79
 Terphenyl-d14
 Concen: 77.256 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF134518.D
 Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



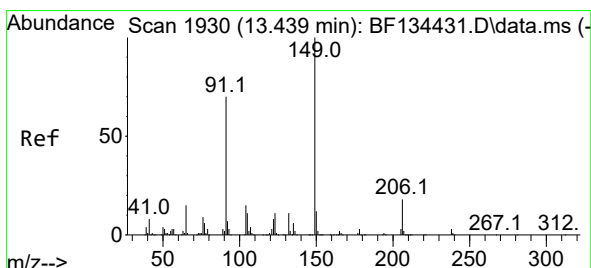
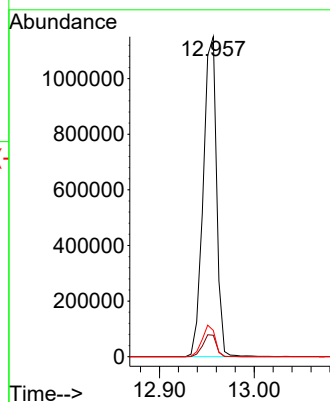
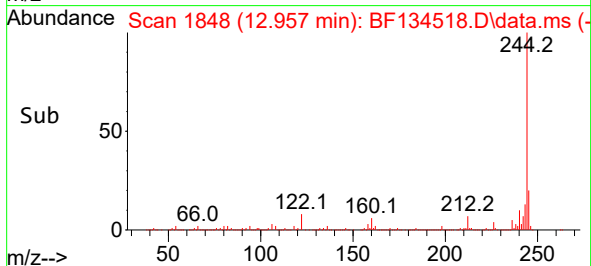
Tgt Ion:244 Resp: 112832
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 8.2 8.0 12.0

Manual Integrations

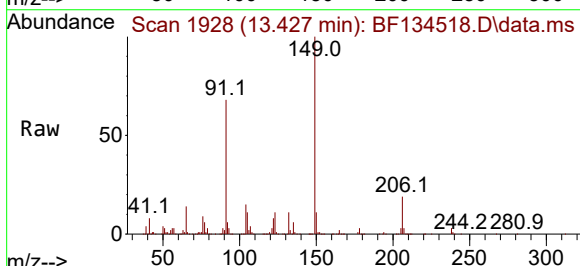
APPROVED

Reviewed By :Yogesh Patel 07/29/2023

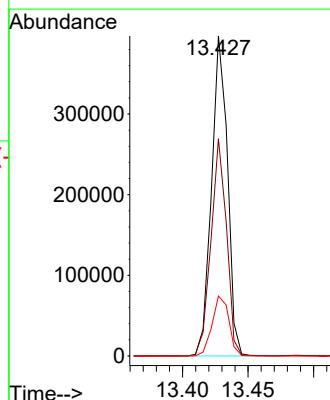
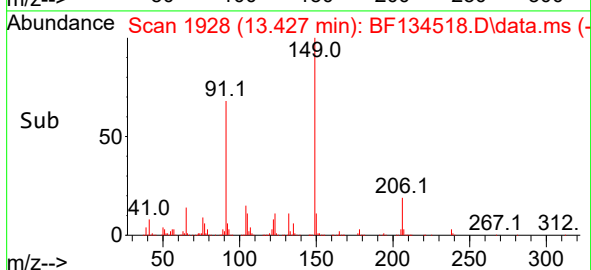
Supervised By :mohammad ahmed 07/31/2023

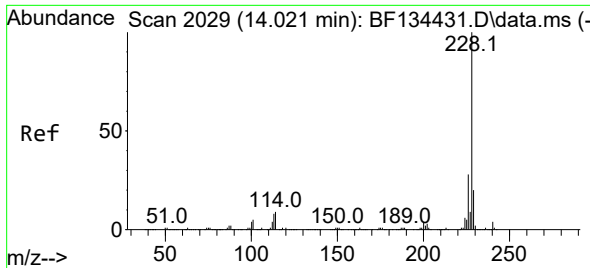


#80
 Butylbenzylphthalate
 Concen: 41.391 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. 0.000 min
 Lab File: BF134518.D
 Acq: 28 Jul 2023 16:29



Tgt Ion:149 Resp: 336111
 Ion Ratio Lower Upper
 149 100
 91 67.9 55.8 83.6
 206 18.7 14.6 21.8





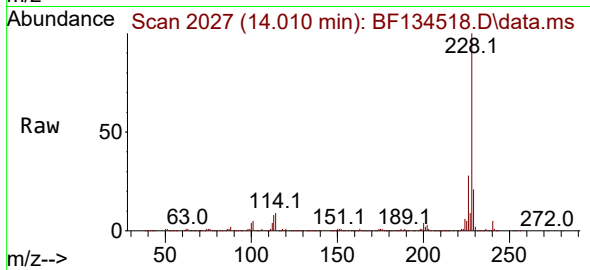
#81
Benzo(a)anthracene
Concen: 35.330 ng
RT: 14.010 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



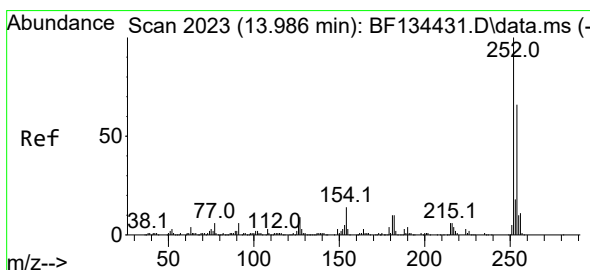
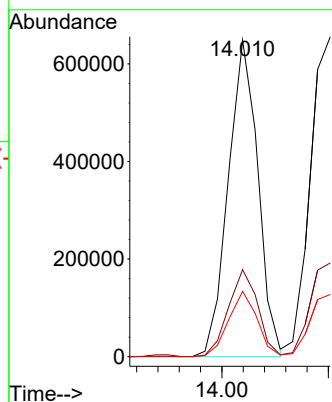
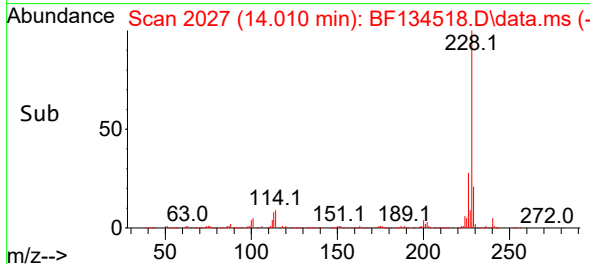
Tgt Ion:228 Resp: 628440
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 20.6 15.8 23.6

Manual Integrations

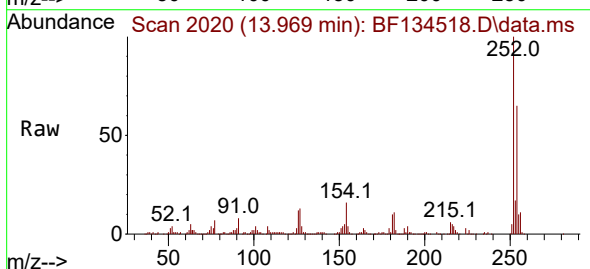
APPROVED

Reviewed By :Yogesh Patel 07/29/2023

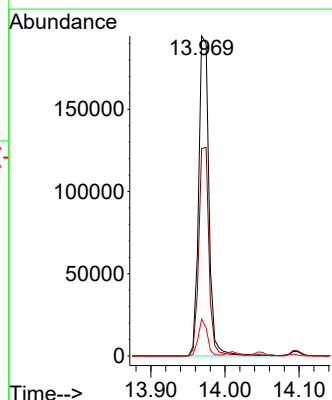
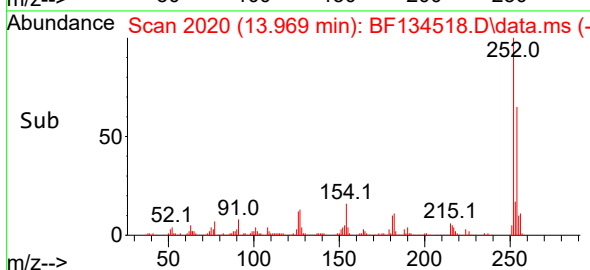
Supervised By :mohammad ahmed 07/31/2023

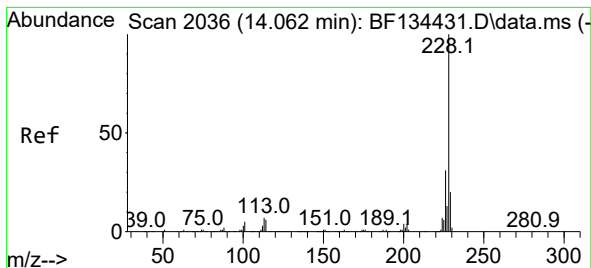


#82
3,3'-Dichlorobenzidine
Concen: 33.308 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29



Tgt Ion:252 Resp: 187655
Ion Ratio Lower Upper
252 100
254 64.8 52.7 79.1
126 11.5 7.2 10.8#





#83

Chrysene

Concen: 35.579 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF134518.D

Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 605320

Ion Ratio Lower Upper

228 100

226 29.3 24.5 36.7

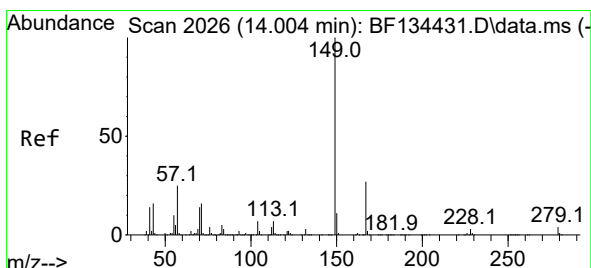
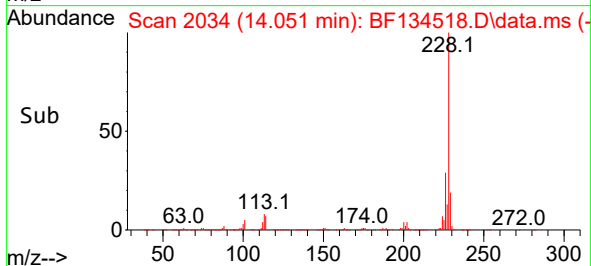
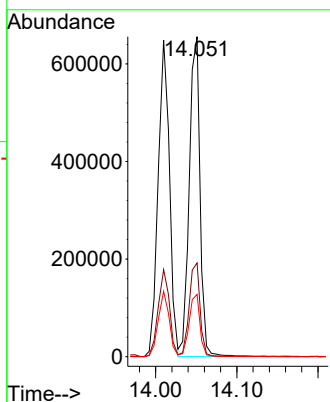
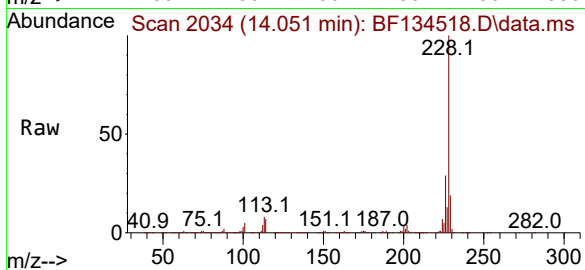
229 19.5 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/29/2023

Supervised By :mohammad ahmed 07/31/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.625 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF134518.D

Acq: 28 Jul 2023 16:29

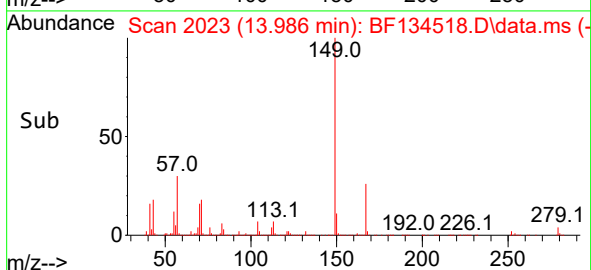
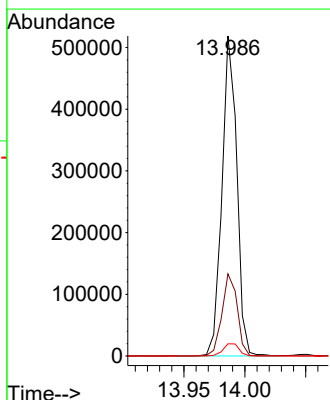
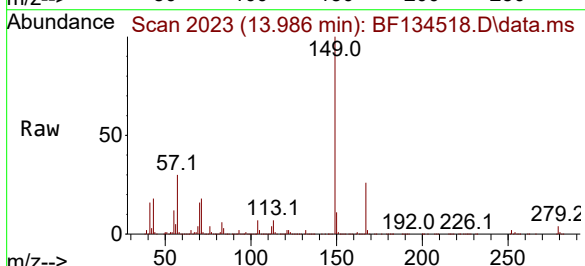
Tgt Ion:149 Resp: 440229

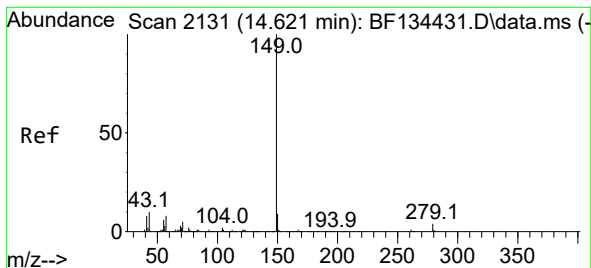
Ion Ratio Lower Upper

149 100

167 25.7 21.6 32.4

279 3.8 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 45.390 ng

RT: 14.604 min Scan# 2131

Delta R.T. 0.000 min

Lab File: BF134518.D

Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 622270

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

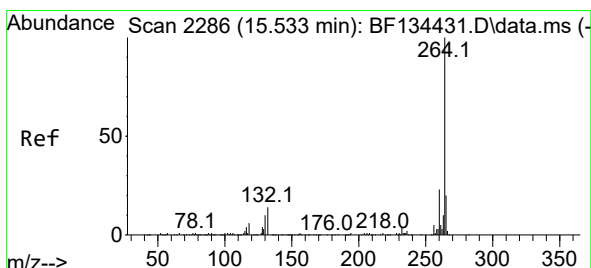
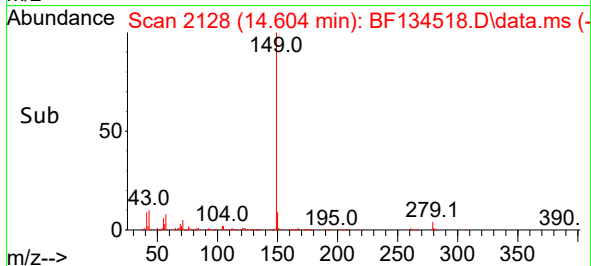
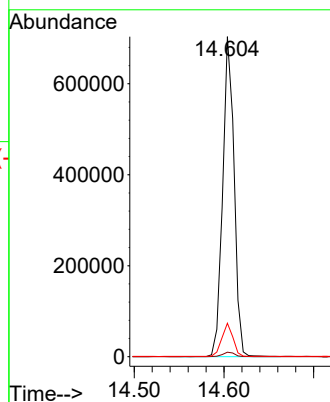
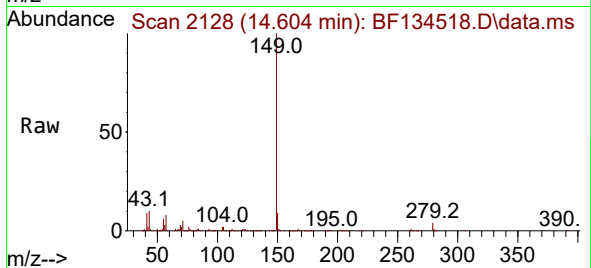
43 10.0 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/29/2023

Supervised By :mohammad ahmed 07/31/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2283

Delta R.T. 0.000 min

Lab File: BF134518.D

Acq: 28 Jul 2023 16:29

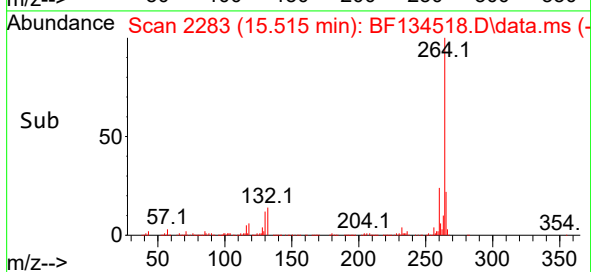
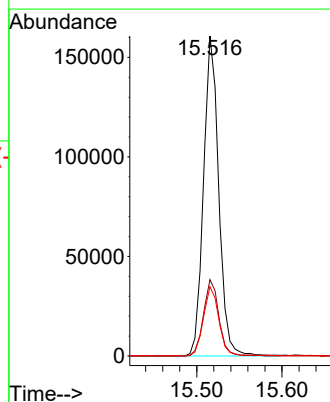
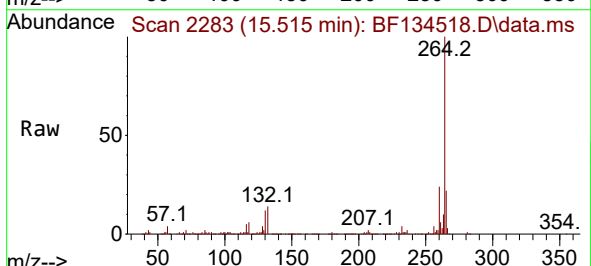
Tgt Ion:264 Resp: 199170

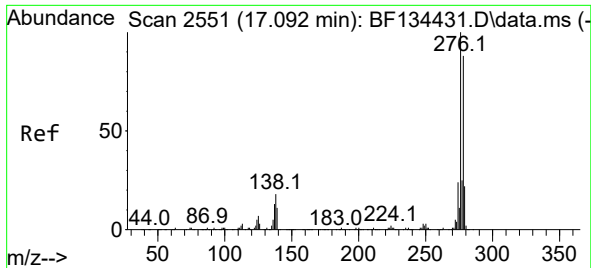
Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

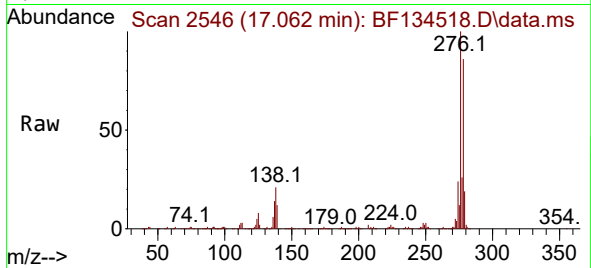
265 21.6 15.8 23.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 35.388 ng
RT: 17.062 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

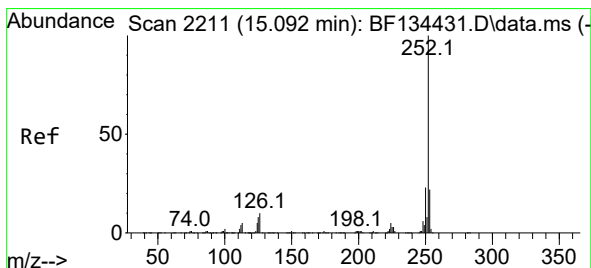
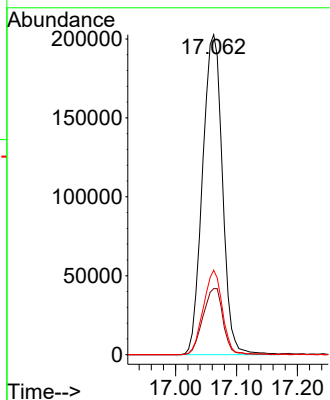
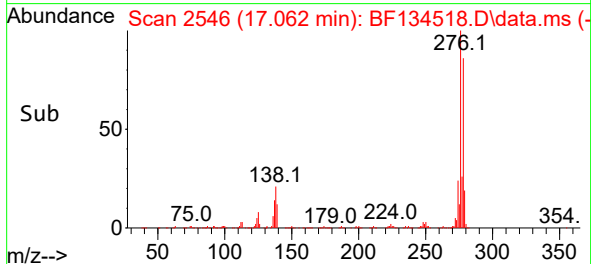
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:276 Resp: 460468
Ion Ratio Lower Upper
276 100
138 20.9 14.2 21.4
277 25.4 19.9 29.9

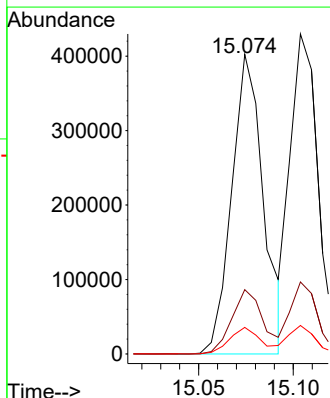
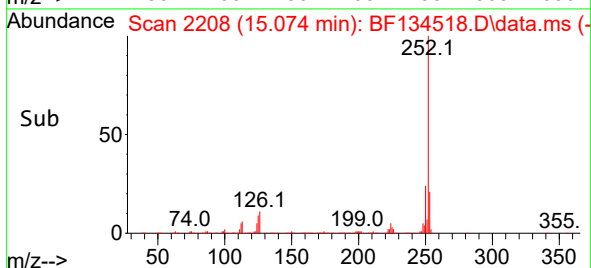
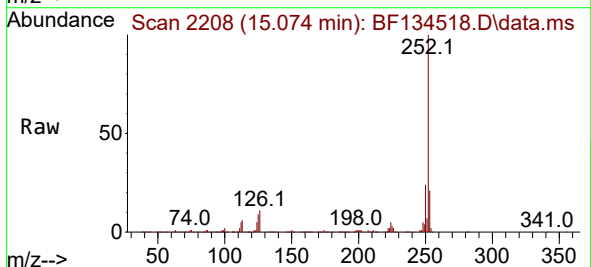
Manual Integrations
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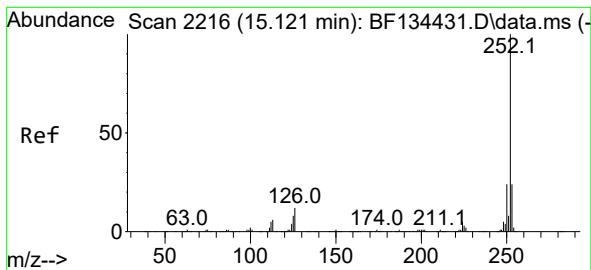
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023



#88
Benzo(b)fluoranthene
Concen: 37.715 ng
RT: 15.074 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Tgt Ion:252 Resp: 469939
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 8.9 6.0 9.0





#89

Benzo(k)fluoranthene

Concen: 36.441 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134518.D

Acq: 28 Jul 2023 16:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 44653

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

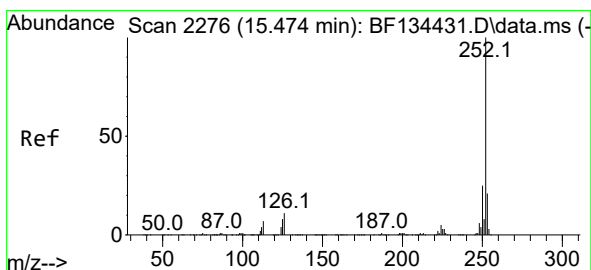
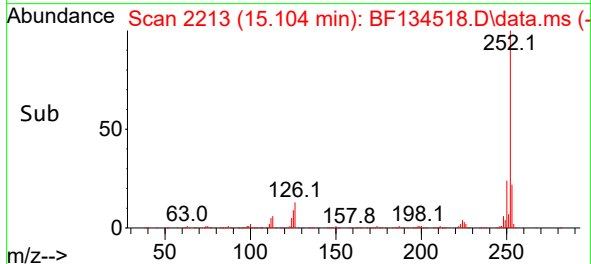
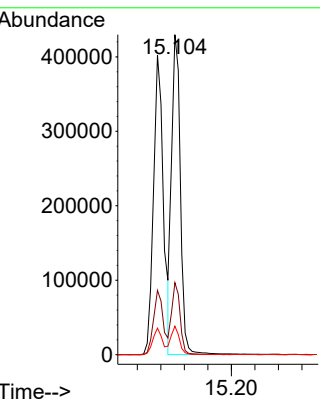
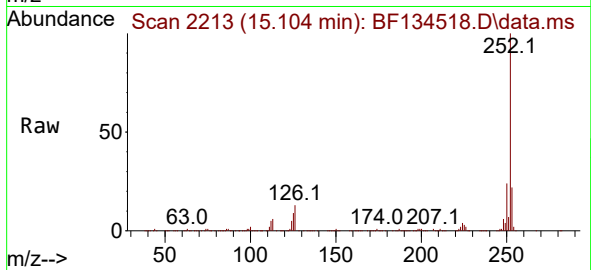
125 8.9 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/29/2023

Supervised By :mohammad ahmed 07/31/2023



#90

Benzo(a)pyrene

Concen: 35.691 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF134518.D

Acq: 28 Jul 2023 16:29

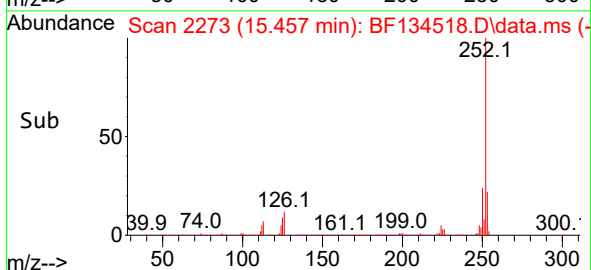
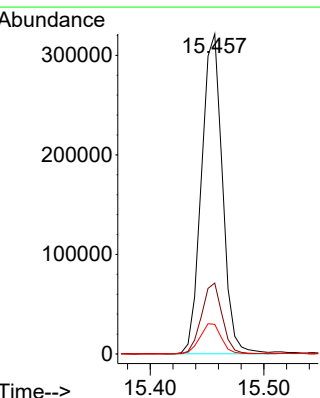
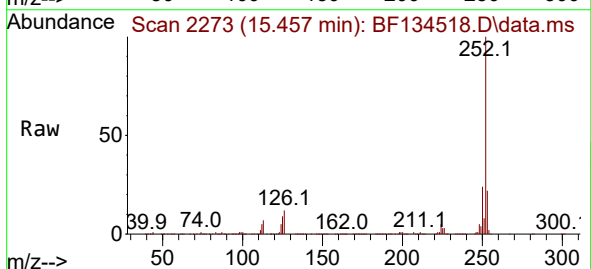
Tgt Ion:252 Resp: 411059

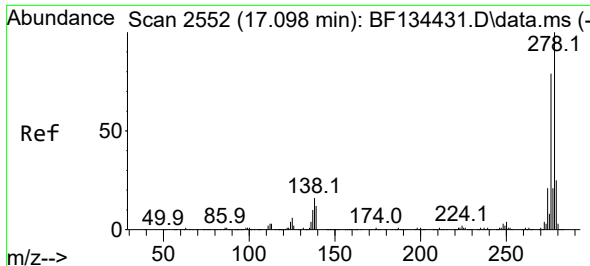
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

125 9.3 6.2 9.4





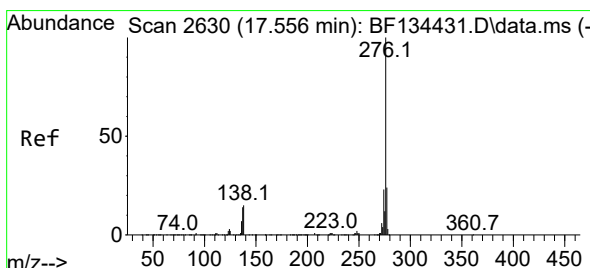
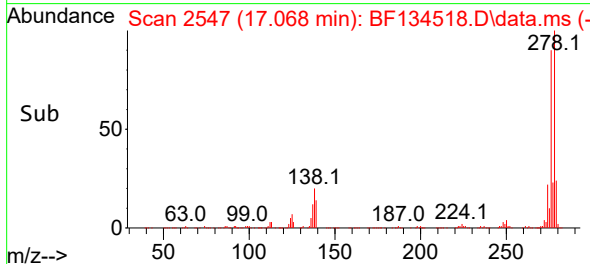
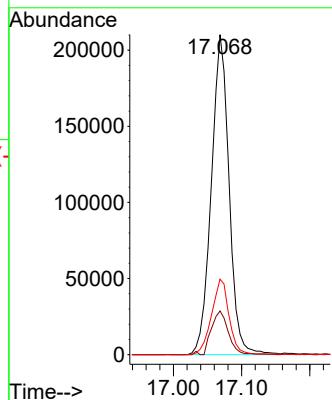
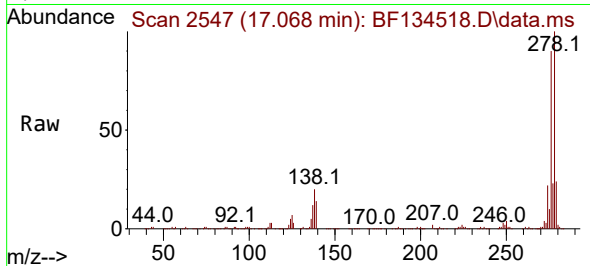
#91
Dibenzo(a,h)anthracene
Concen: 36.288 ng
RT: 17.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 38132
Ion Ratio Lower Upper
278 100
139 13.7 10.0 15.0
279 23.6 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/31/2023



#92
Benzo(g,h,i)perylene
Concen: 35.646 ng
RT: 17.527 min Scan# 2625
Delta R.T. 0.006 min
Lab File: BF134518.D
Acq: 28 Jul 2023 16:29

Tgt Ion:276 Resp: 384616
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 17.5 12.2 18.2

