

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071823\
 Data File : BF134337.D
 Acq On : 18 Jul 2023 14:32
 Operator : CG\JU
 Sample : PB154222BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154222BS

Quant Time: Jul 18 15:11:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel
 07/19/2023

Supervised By :mohammad
 ahmed
 07/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	77780	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	307856	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	162022	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	321931	20.000	ng	0.00
76) Chrysene-d12	14.039	240	277603	20.000	ng	0.00
86) Perylene-d12	15.545	264	230199	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	663925	142.786	ng	0.02
7) Phenol-d6	6.492	99	658974	115.239	ng	0.00
23) Nitrobenzene-d5	7.410	82	461961	80.889	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	261009	128.485	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	908980	81.567	ng	0.00
79) Terphenyl-d14	12.974	244	1326586	76.910	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	82327	42.940	ng	97
3) Pyridine	3.481	79	166097	33.260	ng	98
4) n-Nitrosodimethylamine	3.434	42	135200	47.402	ng	98
6) Aniline	6.504	93	125460	18.030	ng	# 1
8) 2-Chlorophenol	6.628	128	213620	45.258	ng	98
9) Benzaldehyde	6.392	77	28651	6.720	ng	94
10) Phenol	6.504	94	251056	41.756	ng	85
11) bis(2-Chloroethyl)ether	6.581	93	192967	43.594	ng	97
12) 1,3-Dichlorobenzene	6.781	146	229145	45.536	ng	100
13) 1,4-Dichlorobenzene	6.857	146	227753	44.809	ng	97
14) 1,2-Dichlorobenzene	7.010	146	222039	46.645	ng	98
15) Benzyl Alcohol	6.987	79	201031	45.603	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	292082	37.299	ng	82
17) 2-Methylphenol	7.104	107	175093	41.425	ng	# 92
18) Hexachloroethane	7.345	117	89265	47.365	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	159541	43.995	ng	96
20) 3+4-Methylphenols	7.257	107	221377	43.173	ng	# 88
22) Acetophenone	7.251	105	319675	45.659	ng	95
24) Nitrobenzene	7.428	77	240681	41.704	ng	97
25) Isophorone	7.663	82	422639	40.719	ng	98
26) 2-Nitrophenol	7.739	139	119069	43.008	ng	92
27) 2,4-Dimethylphenol	7.781	122	187473	42.779	ng	95
28) bis(2-Chloroethoxy)met...	7.869	93	242686	40.380	ng	98
29) 2,4-Dichlorophenol	7.986	162	185180	42.613	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	200364	44.685	ng	99
31) Naphthalene	8.145	128	619790	41.679	ng	99
32) Benzoic acid	7.928	122	137263	41.800	ng	93
33) 4-Chloroaniline	8.198	127	71335	11.214	ng	98
34) Hexachlorobutadiene	8.251	225	130984	46.308	ng	100
35) Caprolactam	8.569	113	60272m	42.123	ng	
36) 4-Chloro-3-methylphenol	8.686	107	215477	44.138	ng	96
37) 2-Methylnaphthalene	8.833	142	423257	40.250	ng	99
38) 1-Methylnaphthalene	8.933	142	399994	40.916	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	213512	44.480	ng	99
41) Hexachlorocyclopentadiene	8.980	237	163490	71.792	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	135913	41.593	ng	99

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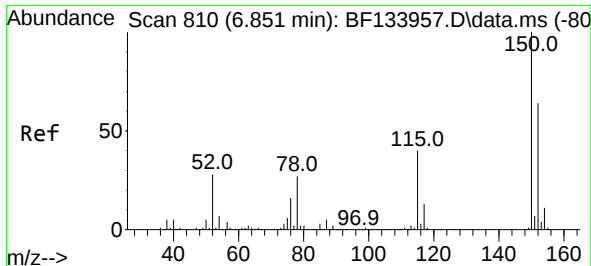
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	144958	37.713	ng	96
46) 1,1'-Biphenyl	9.298	154	549203	42.257	ng	98
47) 2-Chloronaphthalene	9.328	162	400059	42.070	ng	98
48) 2-Nitroaniline	9.428	65	136961	39.520	ng	98
49) Acenaphthylene	9.745	152	648527	39.923	ng	99
50) Dimethylphthalate	9.604	163	489790	41.645	ng	99
51) 2,6-Dinitrotoluene	9.675	165	106586	42.076	ng	91
52) Acenaphthene	9.916	154	388031	41.167	ng	98
53) 3-Nitroaniline	9.839	138	71580	23.554	ng	# 96
54) 2,4-Dinitrophenol	9.963	184	118175	80.742	ng	92
55) Dibenzofuran	10.086	168	595489	40.424	ng	96
56) 4-Nitrophenol	10.022	139	146831	69.074	ng	92
57) 2,4-Dinitrotoluene	10.080	165	144472	43.185	ng	# 86
58) Fluorene	10.433	166	484583	42.282	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	123223	40.642	ng	98
60) Diethylphthalate	10.304	149	518860	42.344	ng	98
61) 4-Chlorophenyl-phenyle...	10.422	204	235786	42.691	ng	97
62) 4-Nitroaniline	10.463	138	114433	37.364	ng	94
63) Azobenzene	10.586	77	461213	39.792	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	82333	46.909	ng	96
66) n-Nitrosodiphenylamine	10.545	169	422456	41.072	ng	98
67) 4-Bromophenyl-phenylether	10.916	248	147323	43.055	ng	96
68) Hexachlorobenzene	10.986	284	175311	48.254	ng	# 90
69) Atrazine	11.074	200	87033	30.590	ng	99
70) Pentachlorophenol	11.180	266	149164	68.667	ng	100
71) Phenanthrene	11.404	178	698851	43.122	ng	99
72) Anthracene	11.457	178	704735	41.808	ng	99
73) Carbazole	11.616	167	675488	43.780	ng	100
74) Di-n-butylphthalate	11.939	149	845031	46.056	ng	100
75) Fluoranthene	12.598	202	797606	45.523	ng	98
77) Benzidine	12.721	184	80880	12.245	ng	98
78) Pyrene	12.827	202	835734	32.349	ng	99
80) Butylbenzylphthalate	13.445	149	404675	41.765	ng	98
81) Benzo(a)anthracene	14.027	228	815131	42.339	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	199467	32.702	ng	97
83) Chrysene	14.068	228	755054	40.492	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	568563	51.068	ng	99
85) Di-n-octyl phthalate	14.627	149	896471	54.799	ng	98
87) Indeno(1,2,3-cd)pyrene	17.104	276	711601	44.549	ng	96
88) Benzo(b)fluoranthene	15.104	252	709797	52.438	ng	99
89) Benzo(k)fluoranthene	15.133	252	617393	44.798	ng	97
90) Benzo(a)pyrene	15.480	252	596594	45.580	ng	98
91) Dibenzo(a,h)anthracene	17.115	278	595777	45.664	ng	98
92) Benzo(g,h,i)perylene	17.574	276	605601	45.011	ng	98

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

Manual Integrations

Supervised By :mohammad
ahmed
07/19/2023

[illegible]



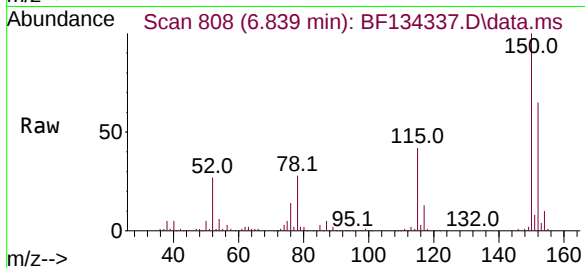
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS



Tgt Ion:152 Resp: 77780
Ion Ratio Lower Upper
152 100
150 154.7 124.5 186.7
115 65.3 50.2 75.2

Manual Integrations
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Reviewed By :Yogesh

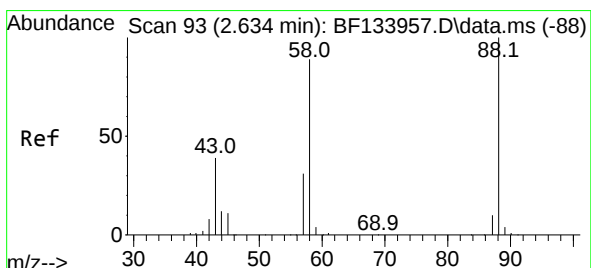
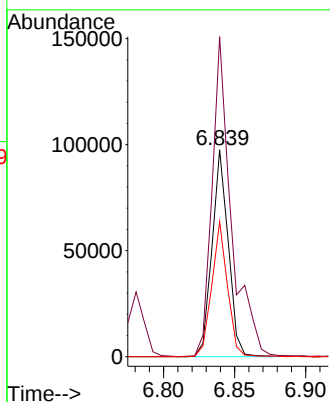
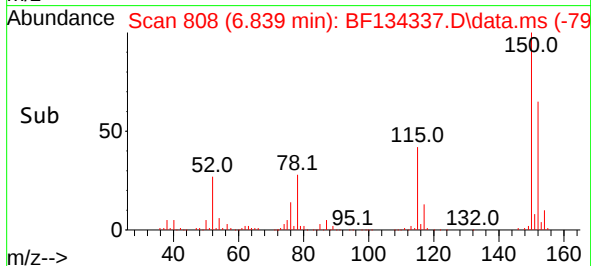
Patel

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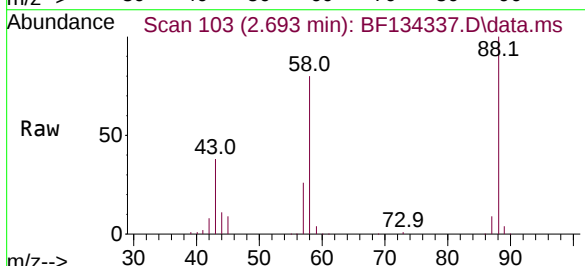
Supervised By :mohammad

ahmed

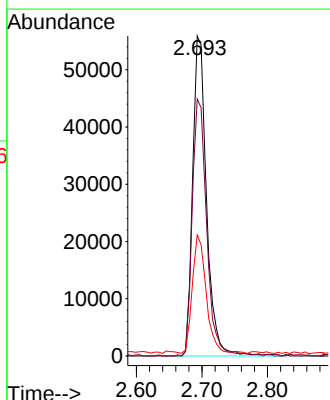
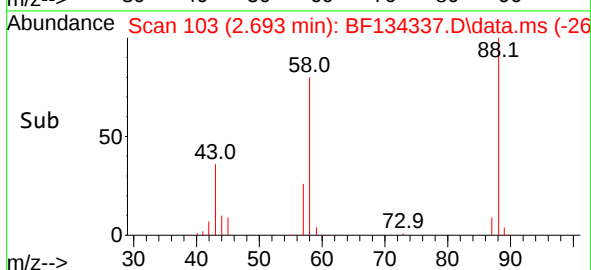
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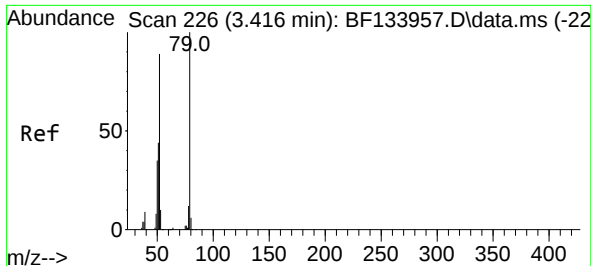


#2
1,4-Dioxane
Concen: 42.940 ng
RT: 2.693 min Scan# 103
Delta R.T. 0.100 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32



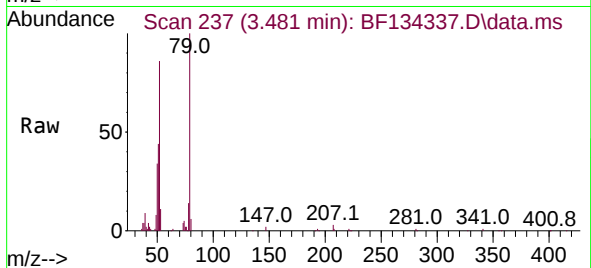
Tgt Ion: 88 Resp: 82327
Ion Ratio Lower Upper
88 100
58 83.7 68.8 103.2
43 36.6 30.7 46.1





#3
Pyridine
Concen: 33.260 ng
RT: 3.481 min Scan# 21
Delta R.T. 0.100 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :
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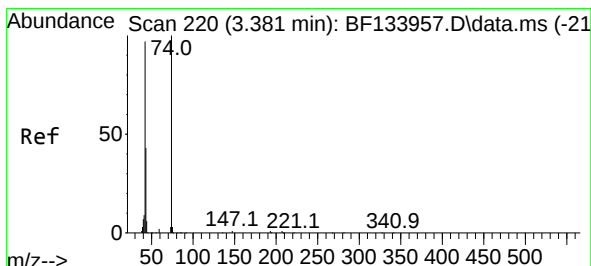
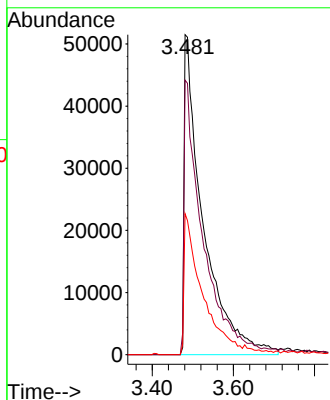
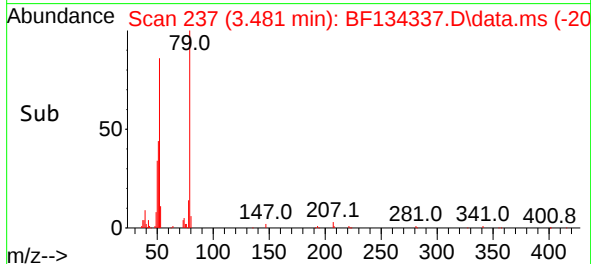


Tgt Ion: 79 Resp: 16609
Ion Ratio Lower Upper
79 100
52 85.8 71.1 106.7
51 44.1 35.2 52.8

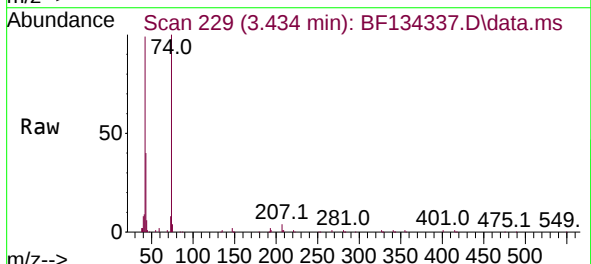
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
07/19/2023

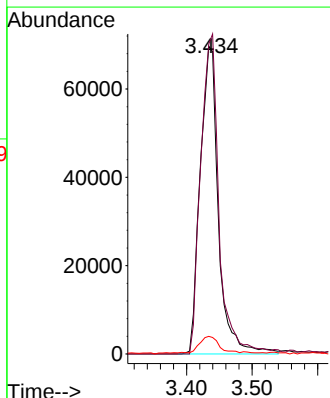
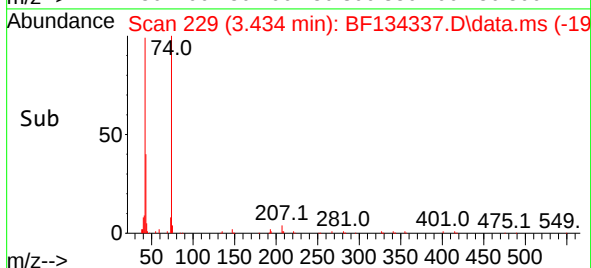
Supervised By :mohammad
ahmed
07/19/2023



#4
n-Nitrosodimethylamine
Concen: 47.402 ng
RT: 3.434 min Scan# 229
Delta R.T. 0.094 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32



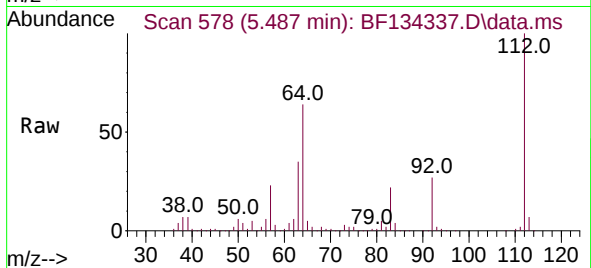
Tgt Ion: 42 Resp: 135200
Ion Ratio Lower Upper
42 100
74 100.7 82.4 123.6
44 5.7 4.9 7.3





#5
2-Fluorophenol
Concen: 142.786 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :
BNA_F
ClientSampleId :
PB154222BS

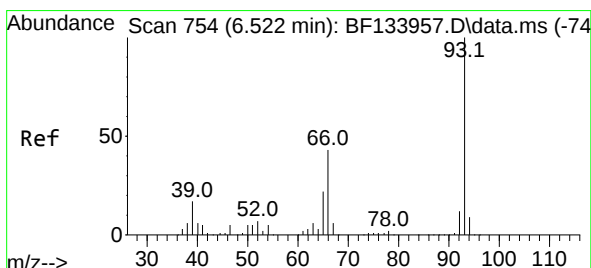
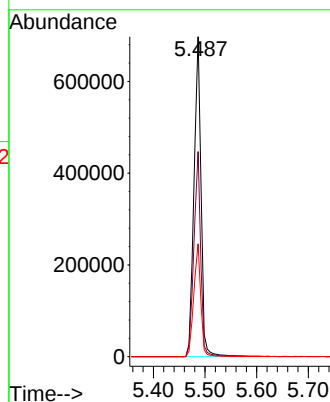


Tgt Ion:112 Resp: 663925
Ion Ratio Lower Upper
112 100
64 64.1 52.1 78.1
63 35.3 28.6 42.8

Manual Integrations
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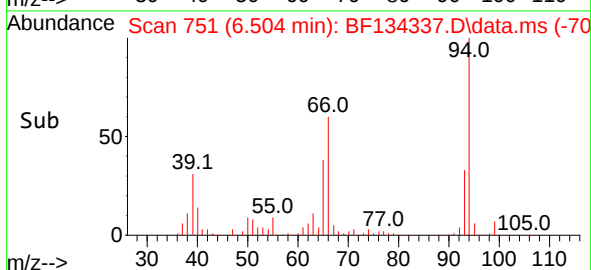
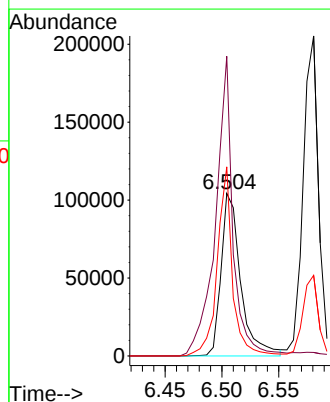
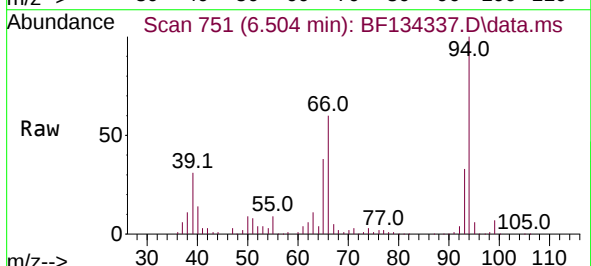
Reviewed By :Yogesh
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07/19/2023

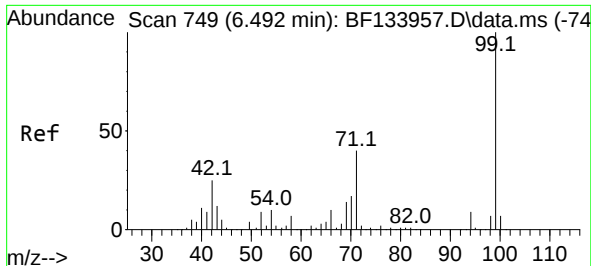
Supervised By :mohammad
ahmed
07/19/2023



#6
Aniline
Concen: 18.030 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

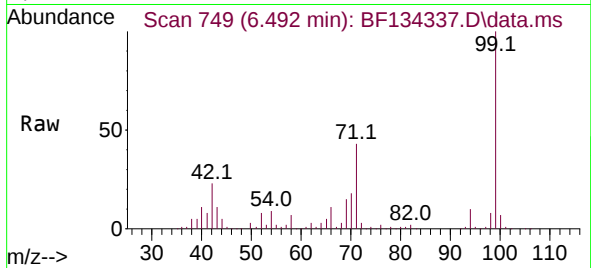
Tgt Ion: 93 Resp: 125460
Ion Ratio Lower Upper
93 100
66 184.5 34.5 51.7#
65 116.4 17.8 26.6#





#7
Phenol-d6
Concen: 115.239 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :
BNA_F
ClientSampleId :
PB154222BS

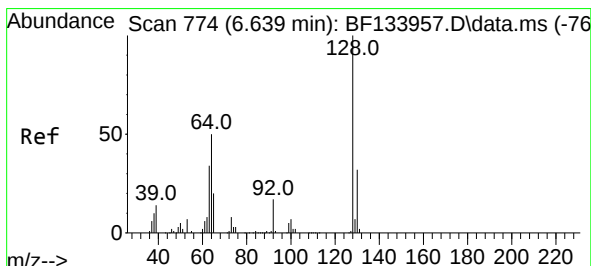
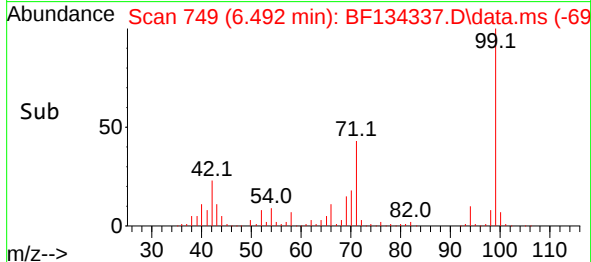
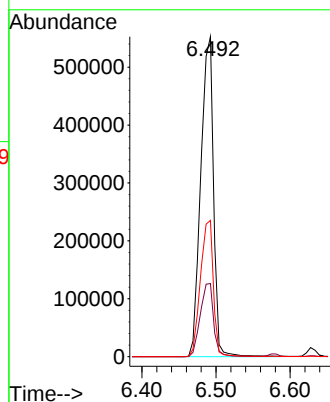


Tgt Ion: 99 Resp: 658974
Ion Ratio Lower Upper
99 100
42 22.8 19.8 29.6
71 42.6 31.9 47.9

Manual Integrations
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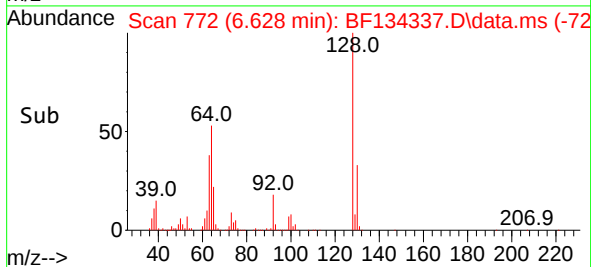
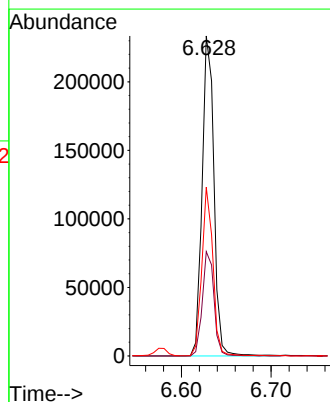
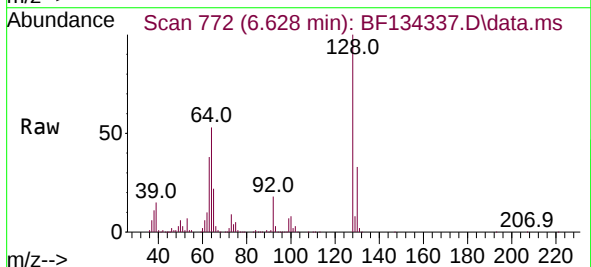
Reviewed By :Yogesh
Patel
07/19/2023

Supervised By :mohammad
ahmed
07/19/2023



#8
2-Chlorophenol
Concen: 45.258 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Tgt Ion:128 Resp: 213620
Ion Ratio Lower Upper
128 100
130 32.6 11.7 51.7
64 52.8 31.3 71.3





#9

Benzaldehyde

Concen: 6.720 ng

RT: 6.392 min Scan# 732

Delta R.T. -0.006 min

Lab File: BF134337.D

Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS

Tgt Ion:	77	Resp:	2865
Ion	Ratio	Lower	Upper
77	100		
105	94.3	82.0	122.0
106	93.6	76.9	116.9

Manual Integrations

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Reviewed By :Yogesh

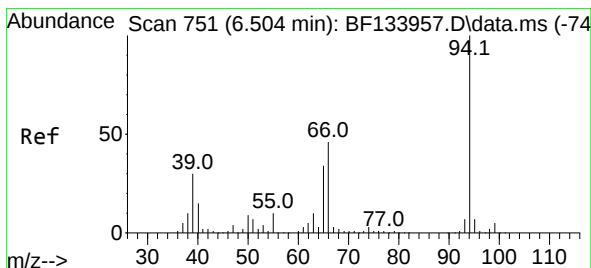
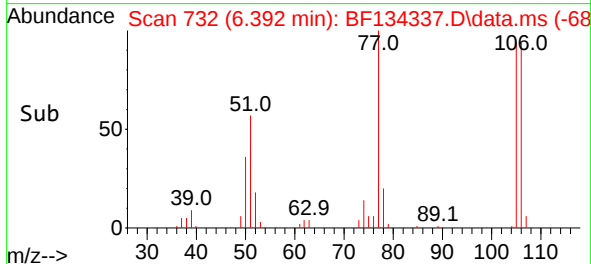
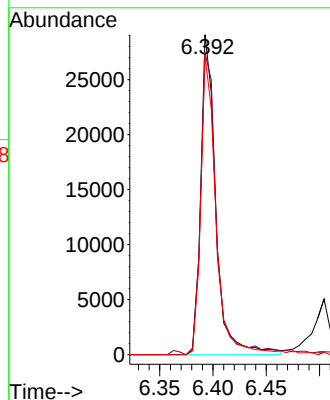
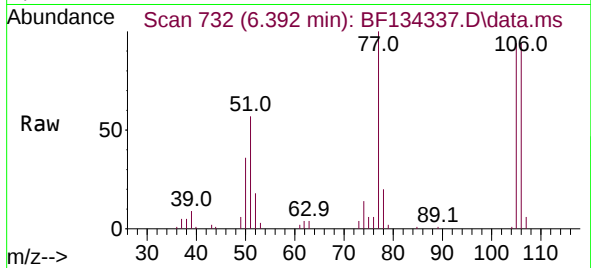
Patel

07/19/2023

Supervised By :mohammad

ahmed

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#10

Phenol

Concen: 41.756 ng

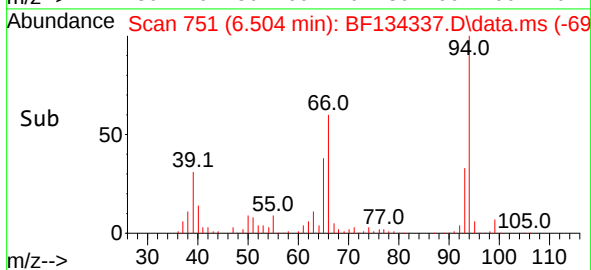
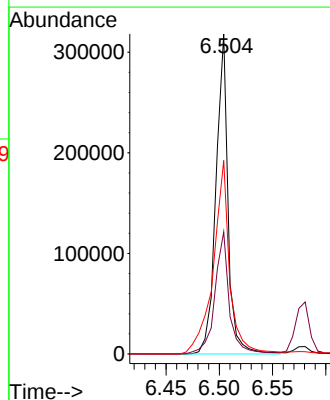
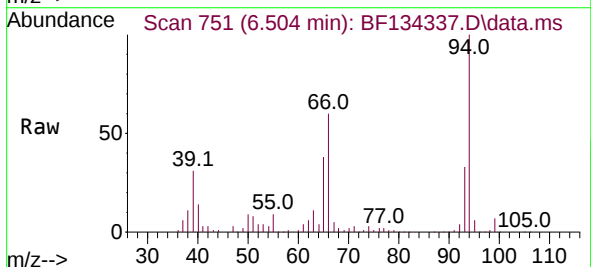
RT: 6.504 min Scan# 751

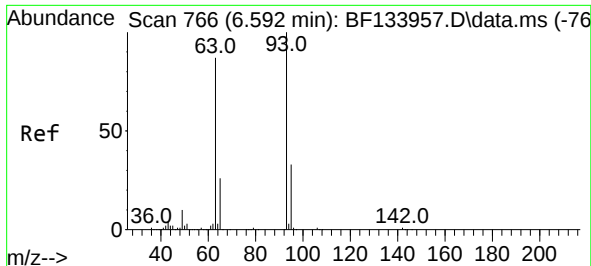
Delta R.T. 0.006 min

Lab File: BF134337.D

Acq: 18 Jul 2023 14:32

Tgt Ion:	94	Resp:	251056
Ion	Ratio	Lower	Upper
94	100		
65	38.1	14.2	54.2
66	60.4	26.4	66.4





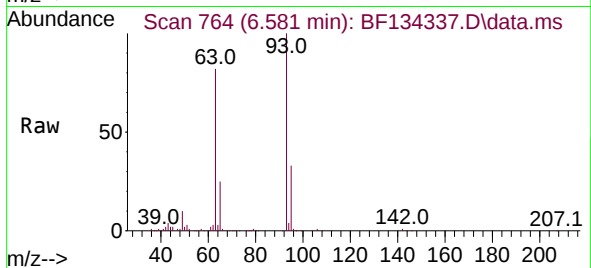
#11
bis(2-Chloroethyl)ether
Concen: 43.594 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS



Tgt Ion: 93 Resp: 19296
Ion Ratio Lower Upper
93 100
63 82.3 66.5 106.5
95 33.0 12.9 52.9

Manual Integrations
APPROVED

Reviewed By :Yogesh

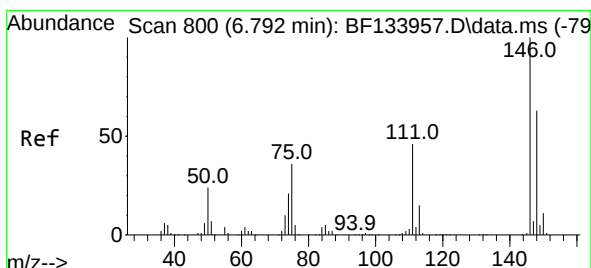
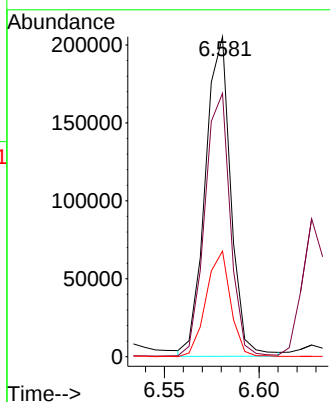
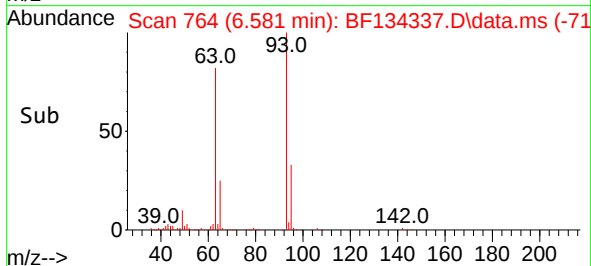
Patel

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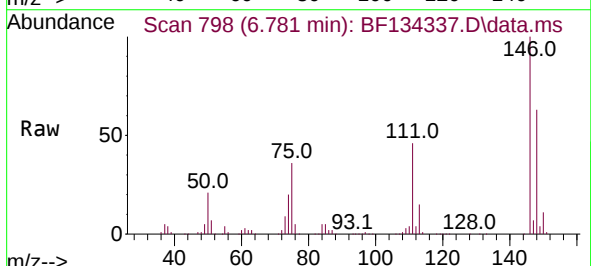
Supervised By :mohammad

ahmed

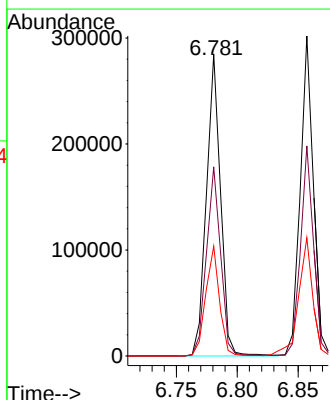
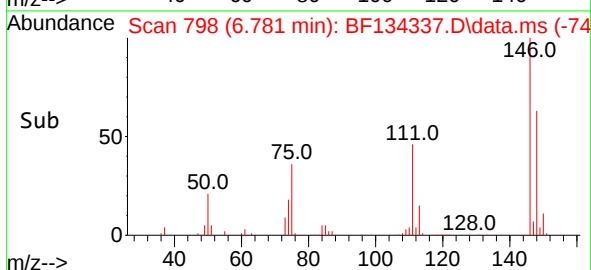
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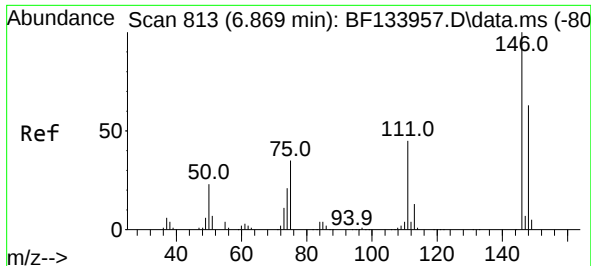


#12
1,3-Dichlorobenzene
Concen: 45.536 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32



Tgt Ion:146 Resp: 229145
Ion Ratio Lower Upper
146 100
148 62.6 50.5 75.7
75 36.3 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 44.809 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF134337.D

Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS

Tgt Ion:146 Resp: 22775

Ion Ratio Lower Upper

146 100

148 65.7 50.2 75.2

111 45.1 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh

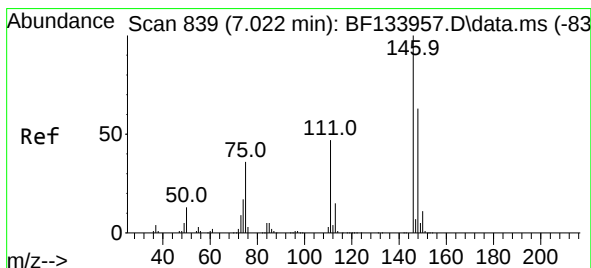
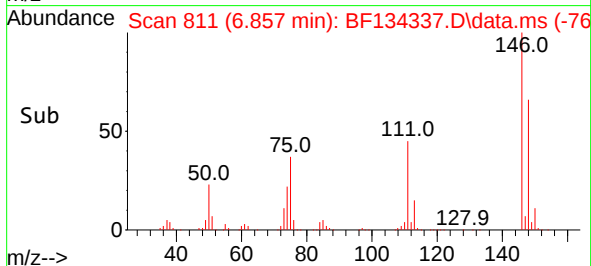
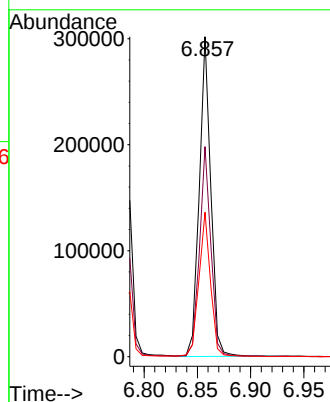
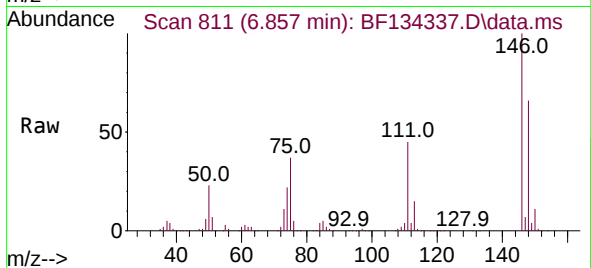
Patel

07/19/2023

Supervised By :mohammad

ahmed

07/19/2023



#14

1,2-Dichlorobenzene

Concen: 46.645 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF134337.D

Acq: 18 Jul 2023 14:32

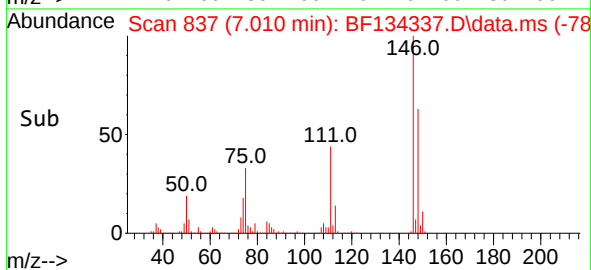
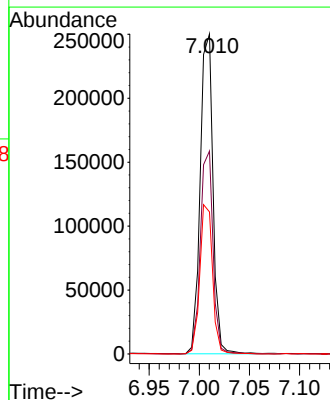
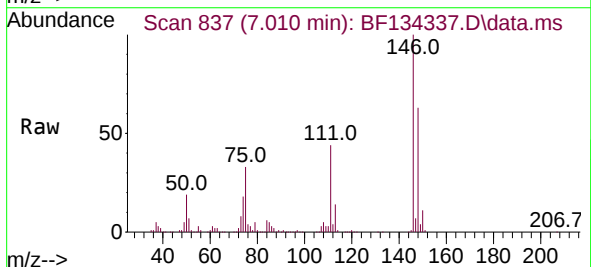
Tgt Ion:146 Resp: 222039

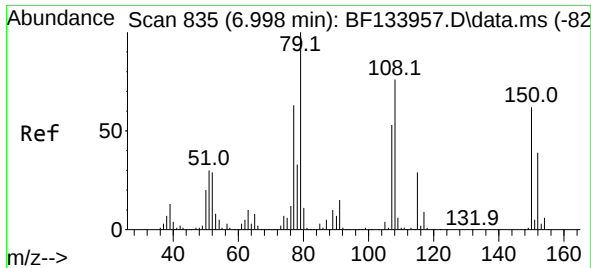
Ion Ratio Lower Upper

146 100

148 63.4 50.6 76.0

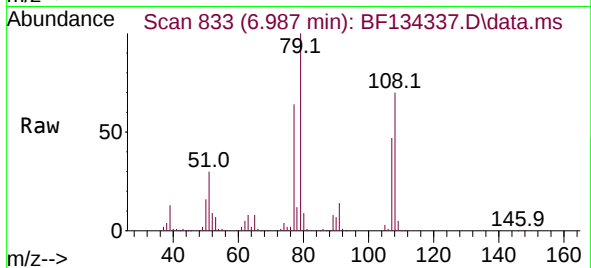
111 44.4 38.0 57.0





#15
Benzyl Alcohol
Concen: 45.603 ng
RT: 6.987 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :
BNA_F
ClientSampleId :
PB154222BS

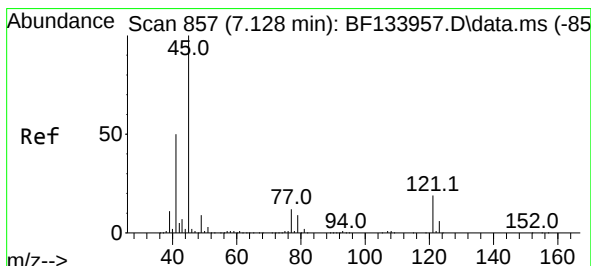
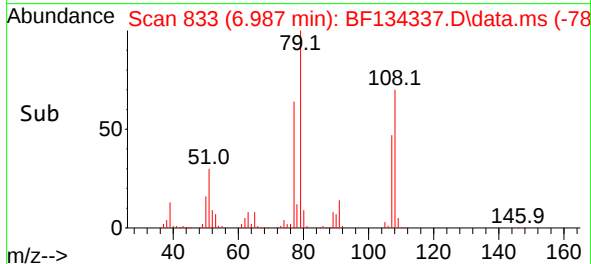
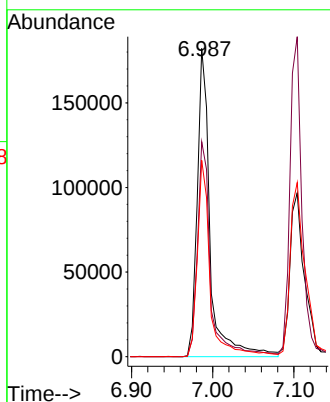


Tgt Ion: 79 Resp: 20103
Ion Ratio Lower Upper
79 100
108 69.8 60.7 91.1
77 63.7 50.6 75.8

Manual Integrations
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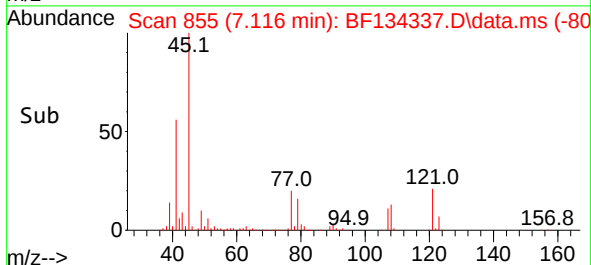
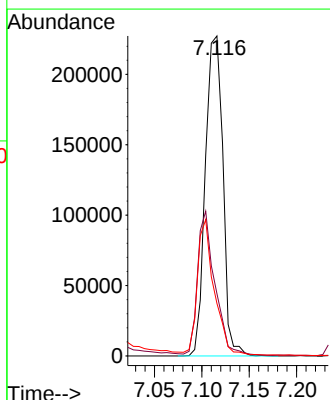
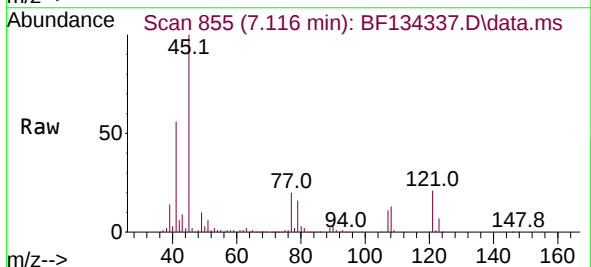
Reviewed By :Yogesh
Patel
07/19/2023

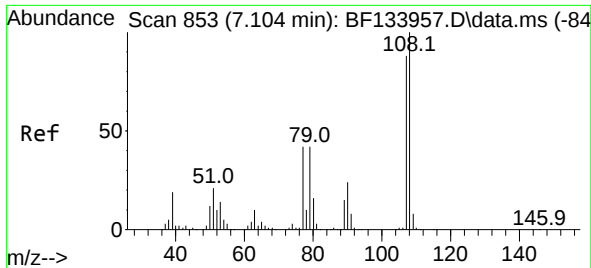
Supervised By :mohammad
ahmed
07/19/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.299 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Tgt Ion: 45 Resp: 292082
Ion Ratio Lower Upper
45 100
77 19.5 0.0 32.9
79 16.5 0.0 29.5





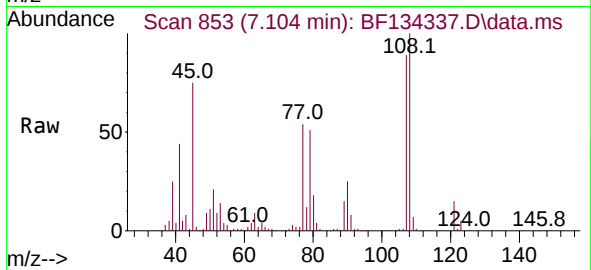
#17
2-Methylphenol
Concen: 41.425 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS



Tgt Ion:107 Resp: 175091
Ion Ratio Lower Upper
107 100
108 111.8 90.6 136.0
77 60.8 38.3 57.5
79 57.3 38.8 58.2

Manual Integrations
APPROVED

Reviewed By :Yogesh

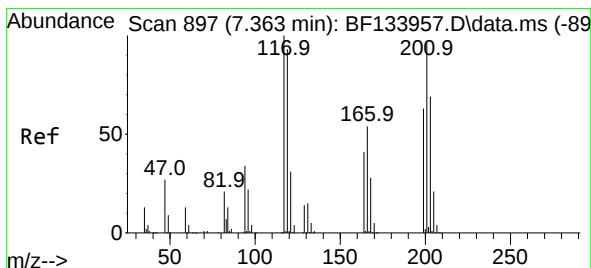
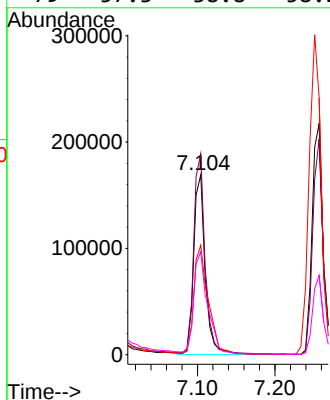
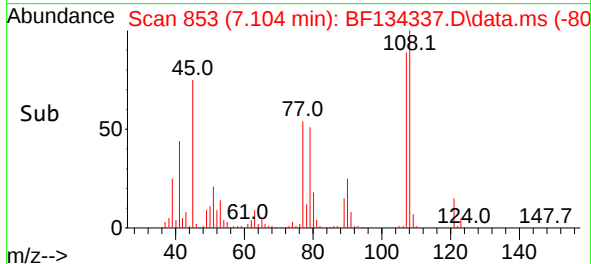
Patel

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Supervised By :mohammad

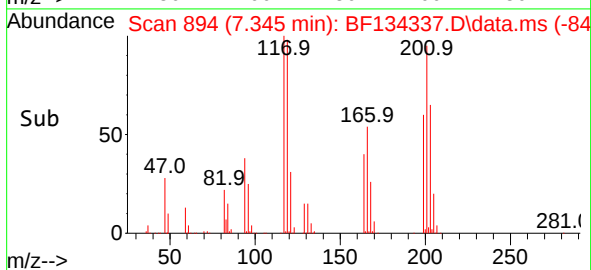
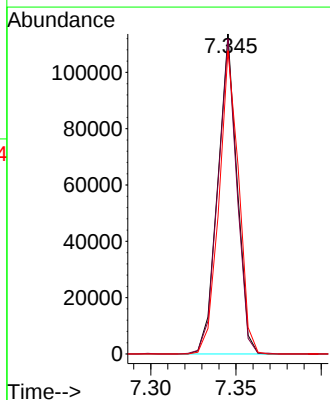
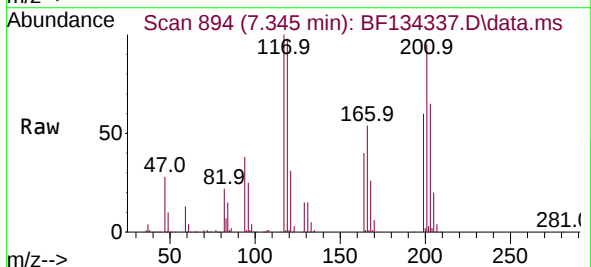
ahmed

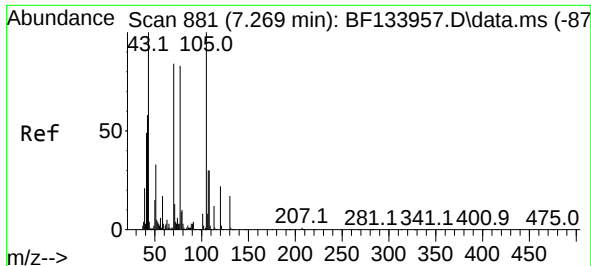
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#18
Hexachloroethane
Concen: 47.365 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

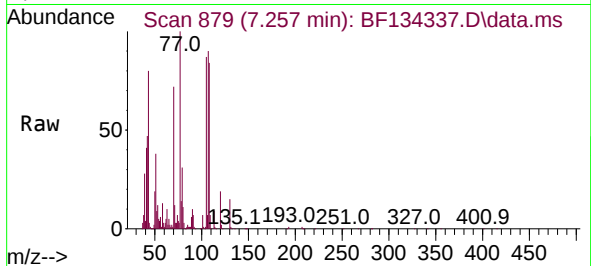
Tgt Ion:117 Resp: 89265
Ion Ratio Lower Upper
117 100
119 98.5 74.2 111.4
201 94.8 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 43.995 ng
RT: 7.257 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :
BNA_F
ClientSampleId :
PB154222BS

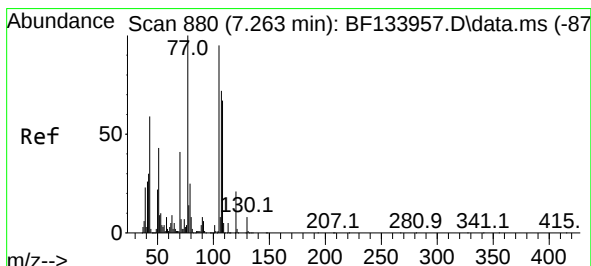
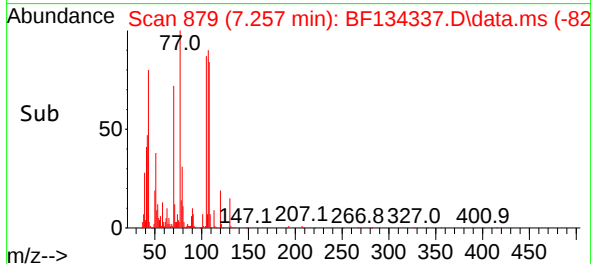
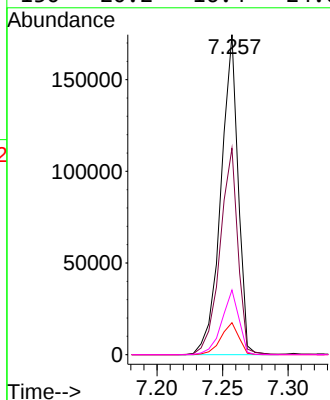


Tgt Ion: 70 Resp: 15954
Ion Ratio Lower Upper
70 100
42 64.5 54.7 82.1
101 10.0 7.7 11.5
130 20.2 16.4 24.6

Manual Integrations
APPROVED

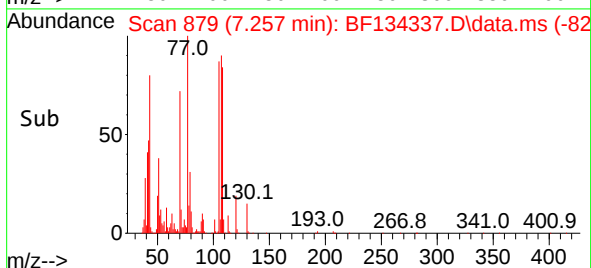
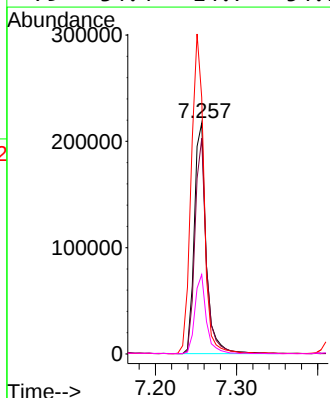
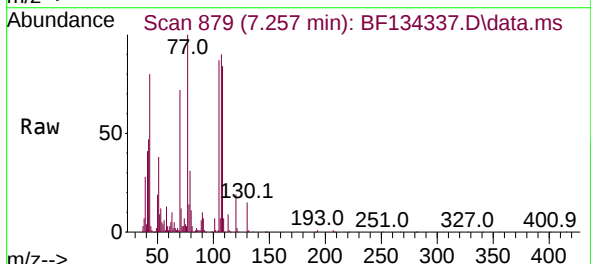
Reviewed By :Yogesh
Patel
07/19/2023

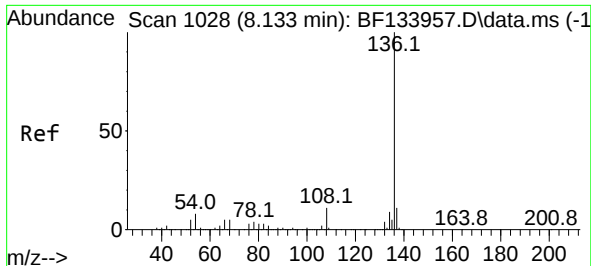
Supervised By :mohammad
ahmed
07/19/2023



#20
3+4-Methylphenols
Concen: 43.173 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Tgt Ion:107 Resp: 221377
Ion Ratio Lower Upper
107 100
108 93.3 73.2 113.2
77 111.1 118.3 158.3#
79 34.4 14.7 54.7





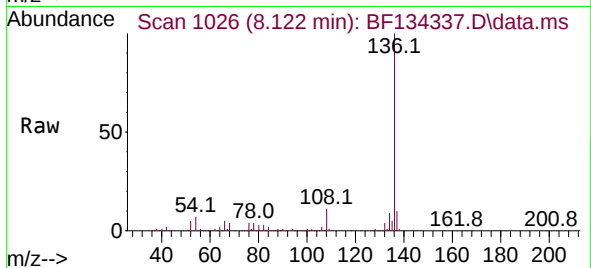
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS



Tgt Ion:136 Resp: 307850
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 7.2 6.5 9.7
68 4.4 4.2 6.2

Manual Integrations
APPROVED

Reviewed By :Yogesh

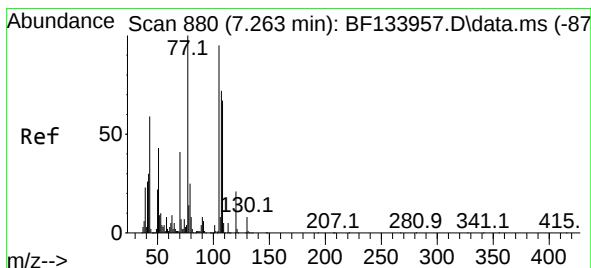
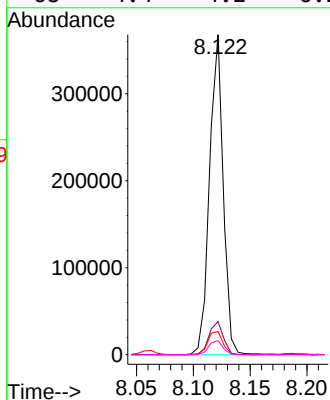
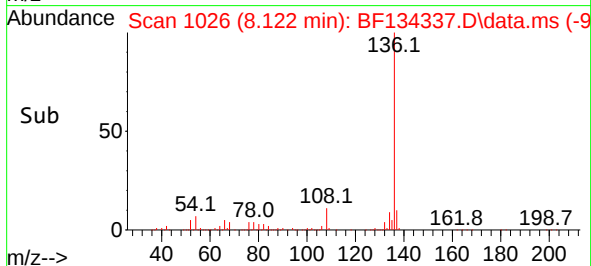
Patel

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Supervised By :mohammad

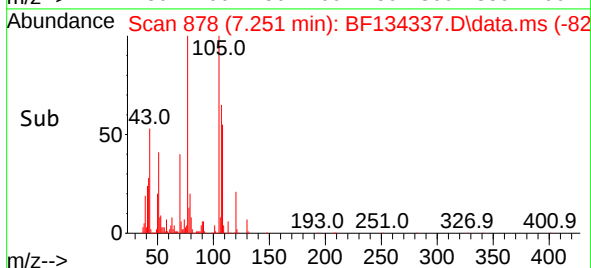
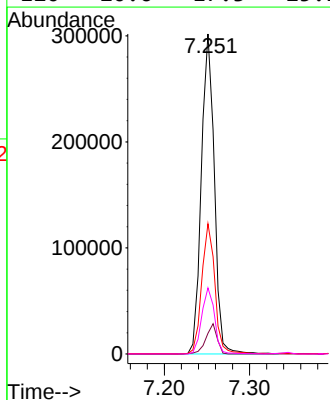
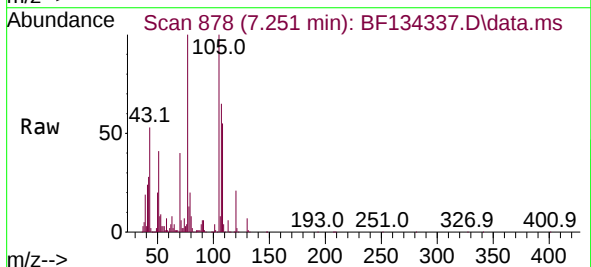
ahmed

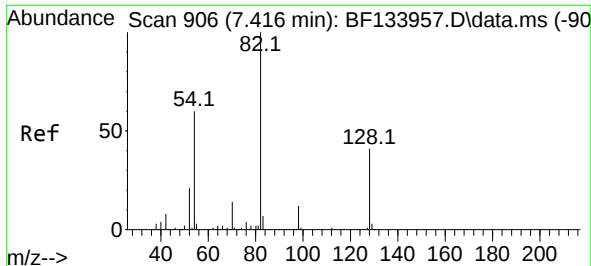
07/19/2023



#22
Acetophenone
Concen: 45.659 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Tgt Ion:105 Resp: 319675
Ion Ratio Lower Upper
105 100
71 6.5 5.5 8.3
51 40.7 36.5 54.7
120 20.6 17.3 25.9





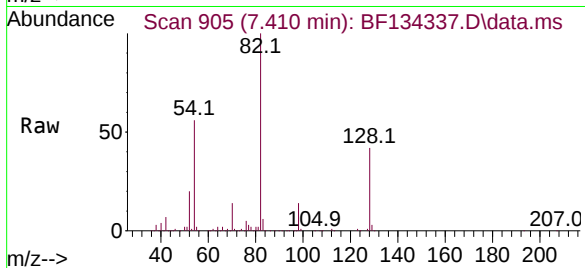
#23
Nitrobenzene-d5
Concen: 80.889 ng
RT: 7.410 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS

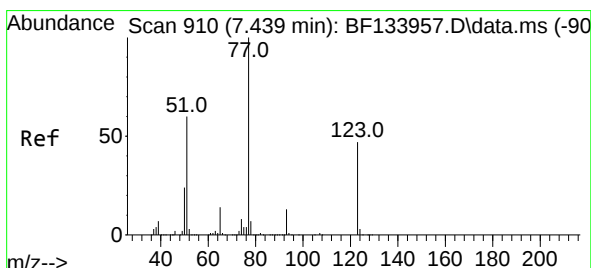
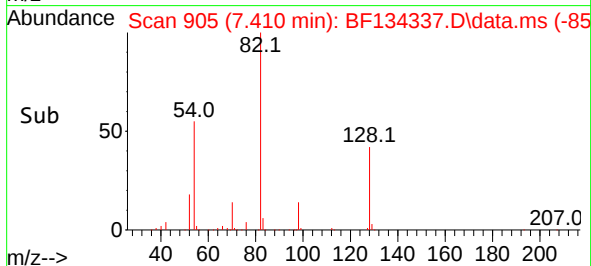
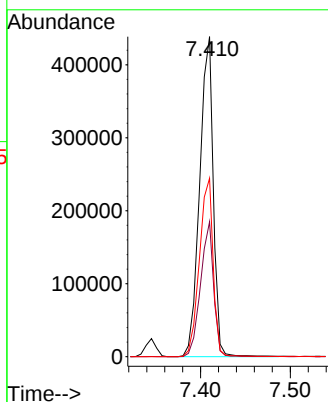


Tgt Ion: 82 Resp: 46196
Ion Ratio Lower Upper
82 100
128 42.1 32.5 48.7
54 55.7 48.2 72.2

Manual Integrations
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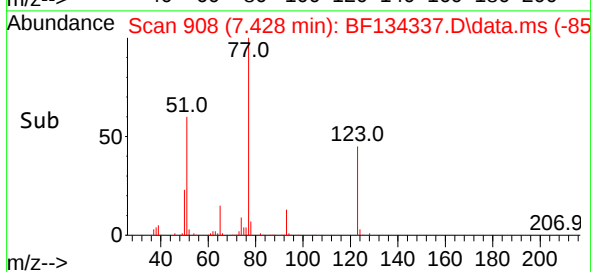
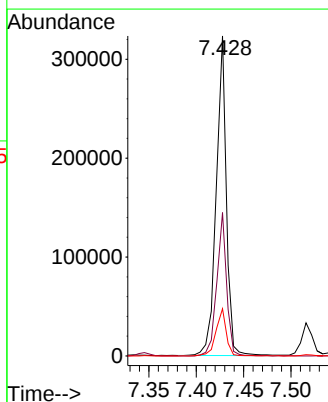
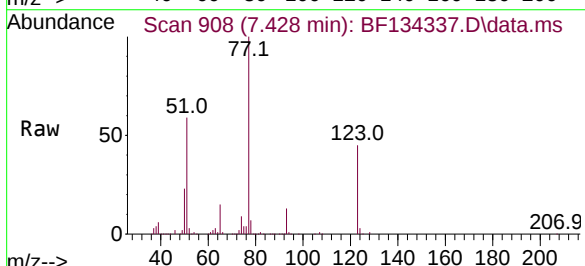
Reviewed By :Yogesh
Patel
07/19/2023

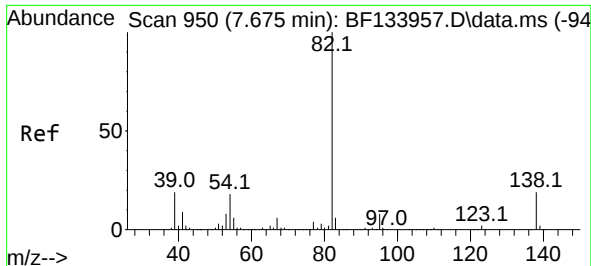
Supervised By :mohammad
ahmed
07/19/2023



#24
Nitrobenzene
Concen: 41.704 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

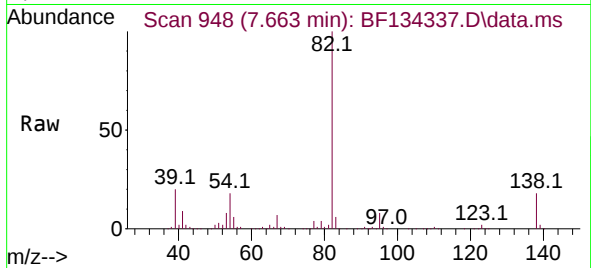
Tgt Ion: 77 Resp: 240681
Ion Ratio Lower Upper
77 100
123 44.8 37.8 56.6
65 14.8 11.3 16.9





#25
Isophorone
Concen: 40.719 ng
RT: 7.663 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :
BNA_F
ClientSampleId :
PB154222BS

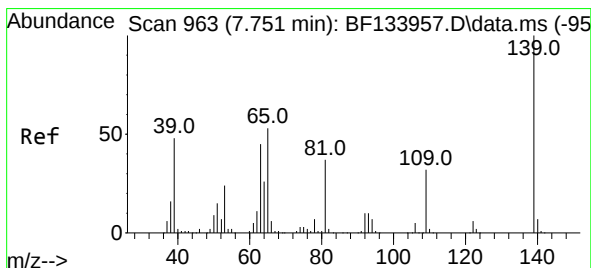
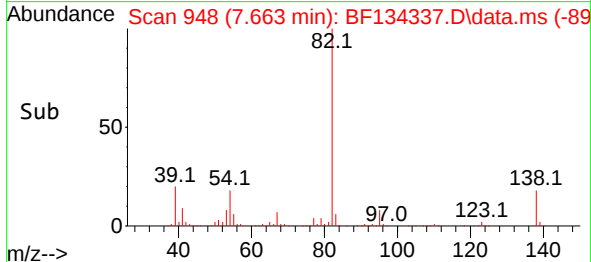
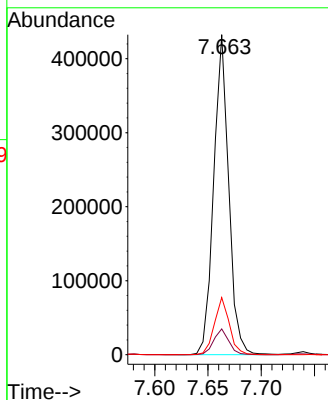


Tgt Ion: 82 Resp: 422639
Ion Ratio Lower Upper
82 100
95 8.0 6.1 9.1
138 17.9 15.2 22.8

Manual Integrations
APPROVED

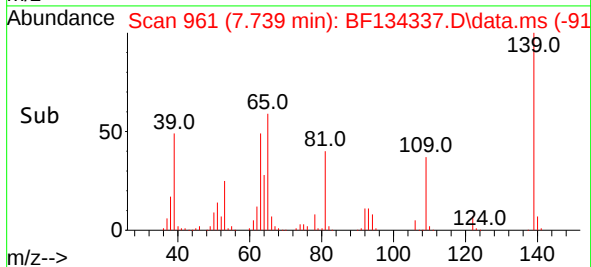
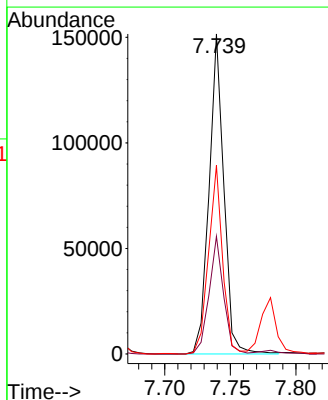
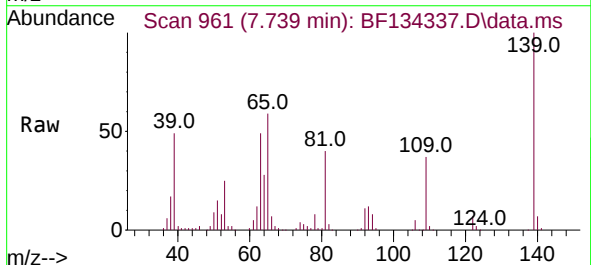
Reviewed By :Yogesh
Patel
07/19/2023

Supervised By :mohammad
ahmed
07/19/2023



#26
2-Nitrophenol
Concen: 43.008 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Tgt Ion:139 Resp: 119069
Ion Ratio Lower Upper
139 100
109 36.8 25.8 38.8
65 58.9 42.4 63.6





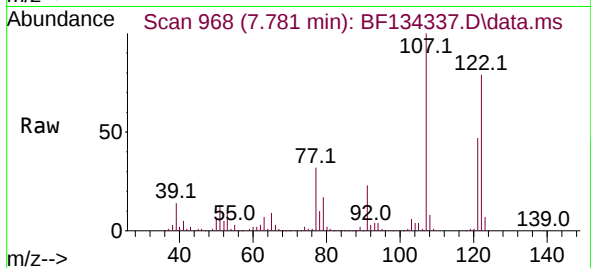
#27
2,4-Dimethylphenol
Concen: 42.779 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS



Tgt Ion:122 Resp: 18747
Ion Ratio Lower Upper
122 100
107 125.8 95.5 143.3
121 58.8 45.5 68.3

Manual Integrations
APPROVED

Reviewed By :Yogesh

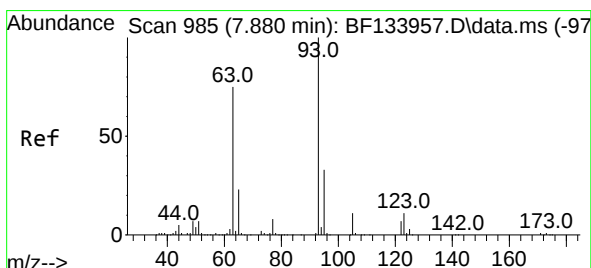
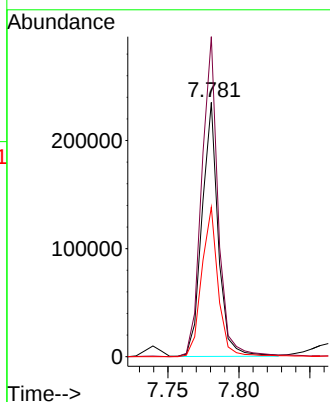
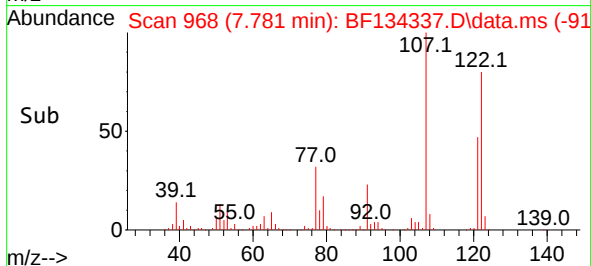
Patel

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Supervised By :mohammad

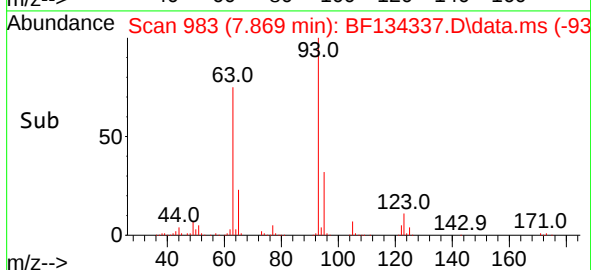
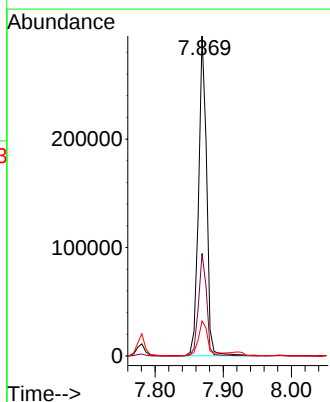
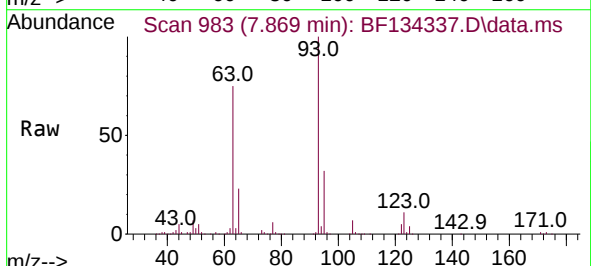
ahmed

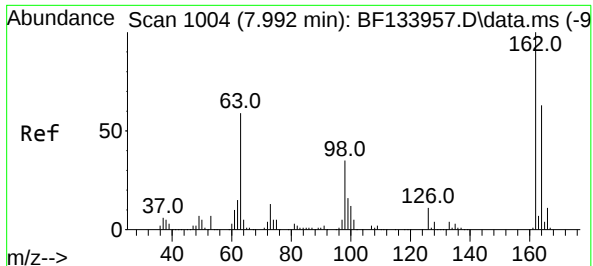
07/19/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.380 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Tgt Ion: 93 Resp: 242686
Ion Ratio Lower Upper
93 100
95 32.0 26.5 39.7
123 10.9 9.1 13.7





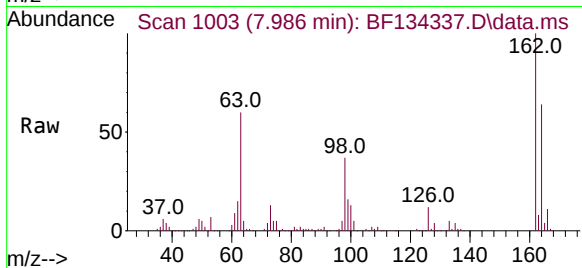
#29
2,4-Dichlorophenol
Concen: 42.613 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS



Tgt Ion:162 Resp: 185180
Ion Ratio Lower Upper
162 100
164 63.7 43.2 83.2
98 37.4 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh

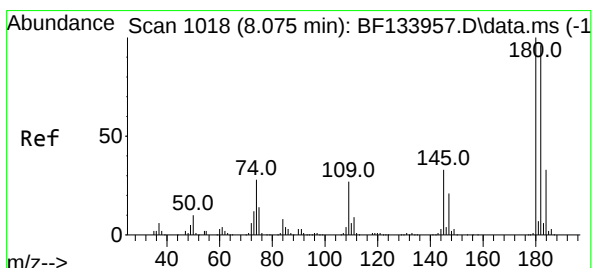
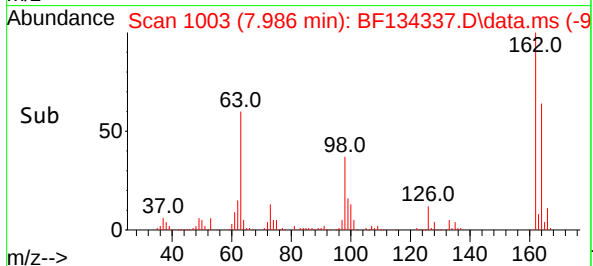
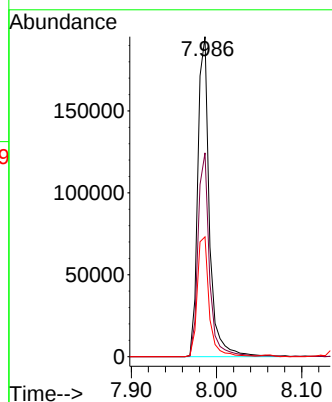
Patel

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Supervised By :mohammad

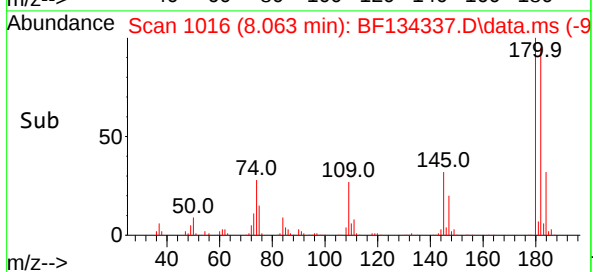
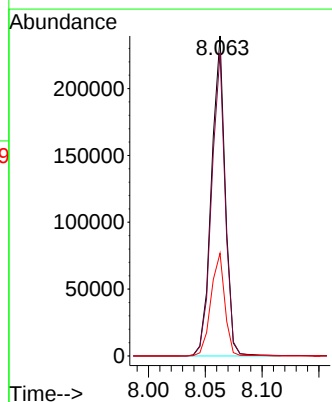
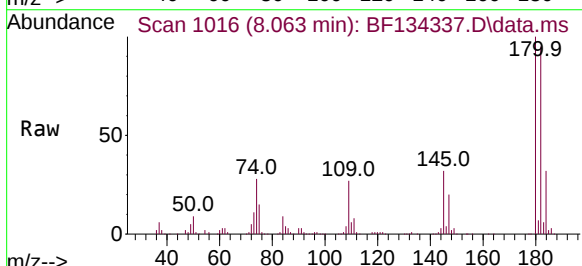
ahmed

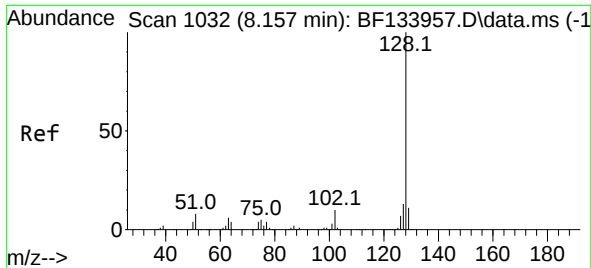
07/19/2023



#30
1,2,4-Trichlorobenzene
Concen: 44.685 ng
RT: 8.063 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

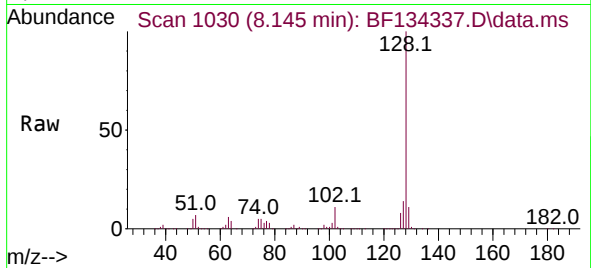
Tgt Ion:180 Resp: 200364
Ion Ratio Lower Upper
180 100
182 94.7 77.1 115.7
145 32.1 26.0 39.0





#31
Naphthalene
Concen: 41.679 ng
RT: 8.145 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :
BNA_F
ClientSampleId :
PB154222BS

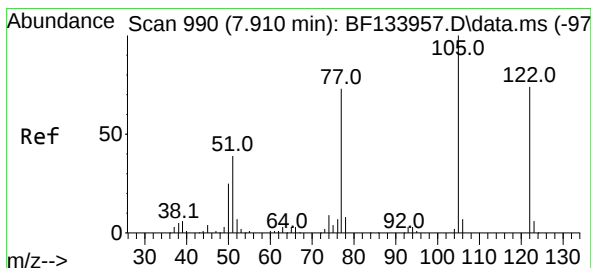
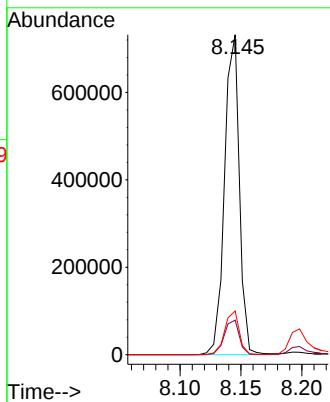
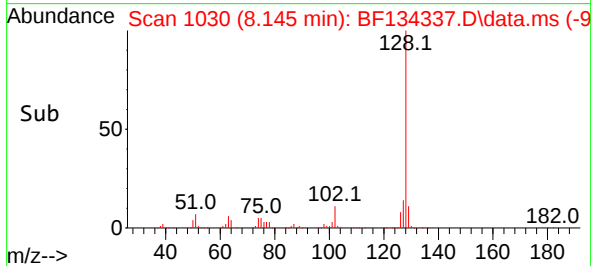


Tgt Ion:128 Resp: 619790
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.7 10.6 15.8

Manual Integrations
APPROVED

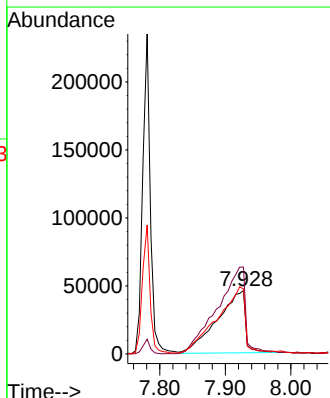
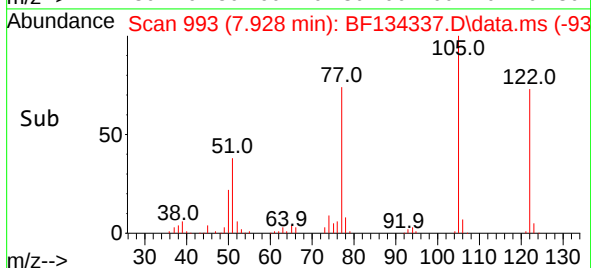
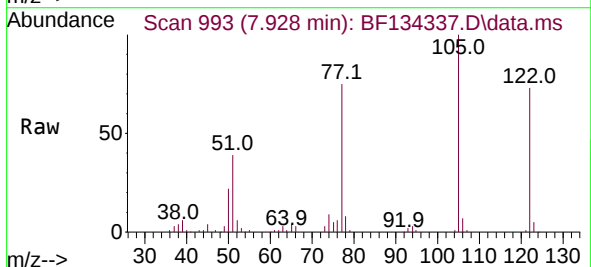
Reviewed By :Yogesh
Patel
07/19/2023

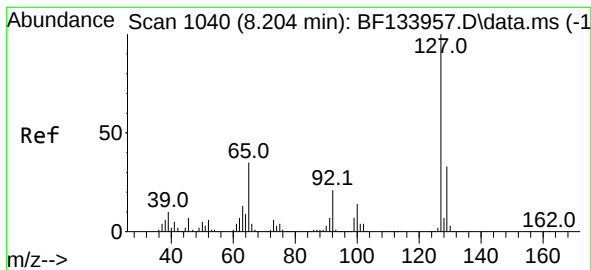
Supervised By :mohammad
ahmed
07/19/2023



#32
Benzoic acid
Concen: 41.800 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.024 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Tgt Ion:122 Resp: 137263
Ion Ratio Lower Upper
122 100
105 137.0 109.7 149.7
77 102.7 76.0 116.0





#33
4-Chloroaniline
Concen: 11.214 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

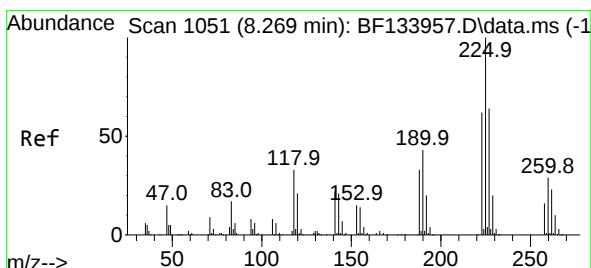
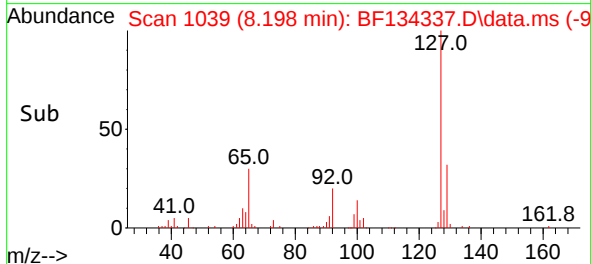
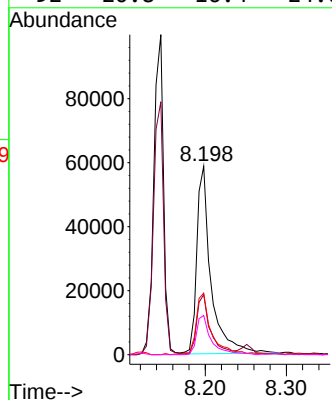
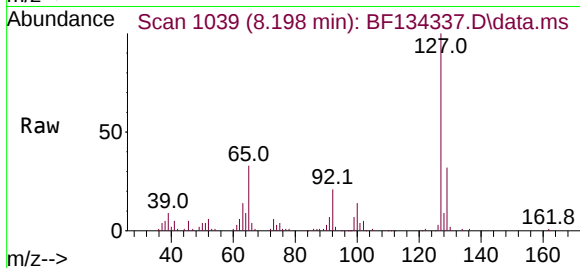
Instrument :
BNA_F
ClientSampleId :
PB154222BS

Tgt Ion:	127	Resp:	7133
Ion Ratio	Lower	Upper	
127	100		
129	31.8	26.4	39.6
65	32.7	27.8	41.8
92	20.8	16.4	24.6

Manual Integrations
APPROVED

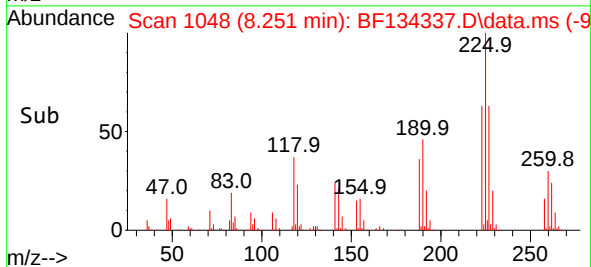
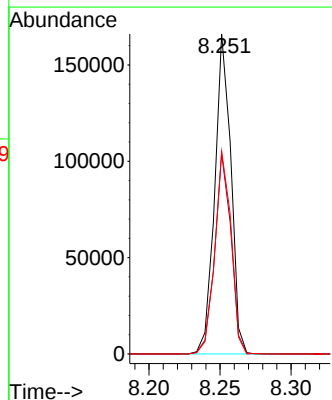
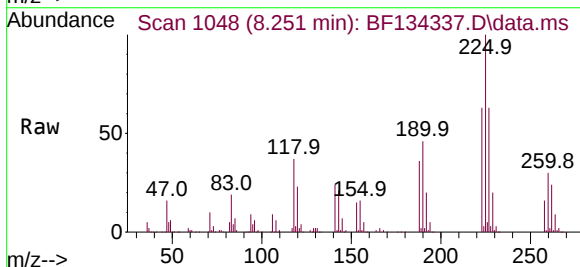
Reviewed By :Yogesh
Patel
07/19/2023

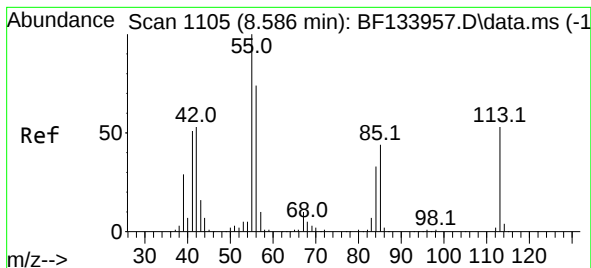
Supervised By :mohammad
ahmed
07/19/2023



#34
Hexachlorobutadiene
Concen: 46.308 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Tgt Ion:	225	Resp:	130984
Ion Ratio	Lower	Upper	
225	100		
223	62.7	49.8	74.8
227	63.4	51.0	76.4





#35

Caprolactam

Concen: 42.123 ng m

RT: 8.569 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BF134337.D

Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS

Tgt Ion:	113	Resp:	6027
Ion Ratio	Lower	Upper	
113	100		
55	171.5	170.2	210.2
56	136.4	121.4	161.4

Manual Integrations

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Reviewed By :Yogesh

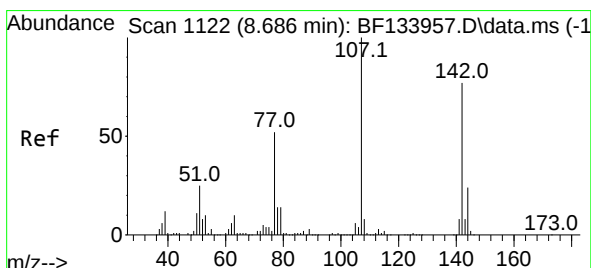
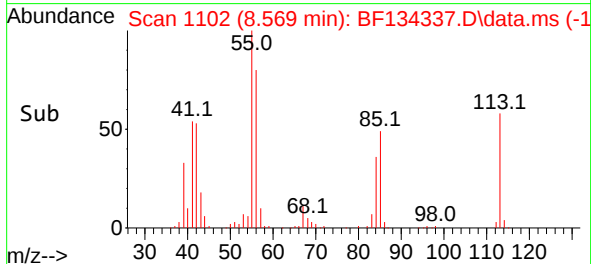
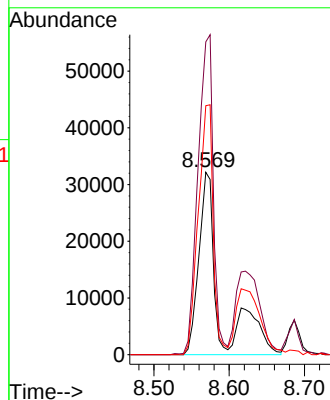
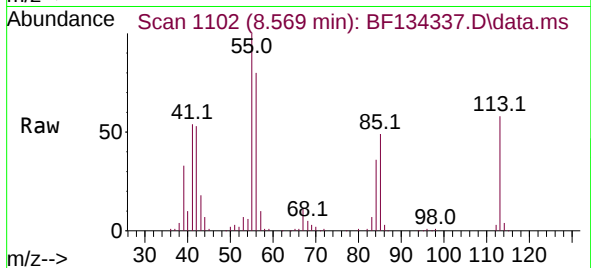
Patel

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Supervised By :mohammad

ahmed

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#36

4-Chloro-3-methylphenol

Concen: 44.138 ng

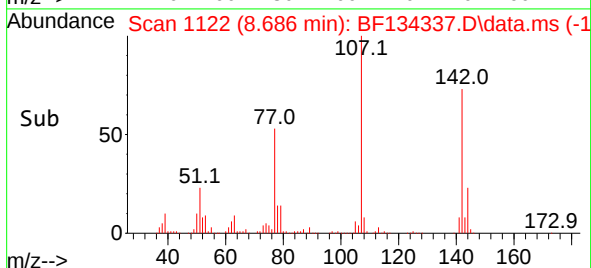
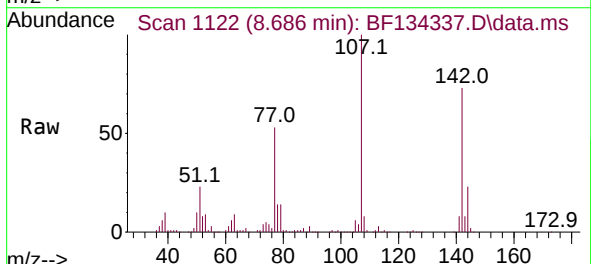
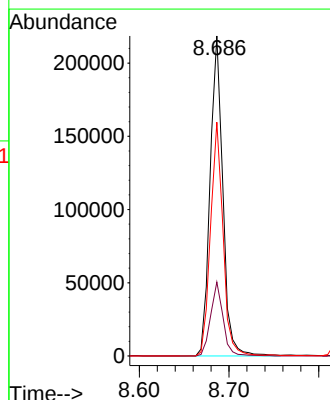
RT: 8.686 min Scan# 1122

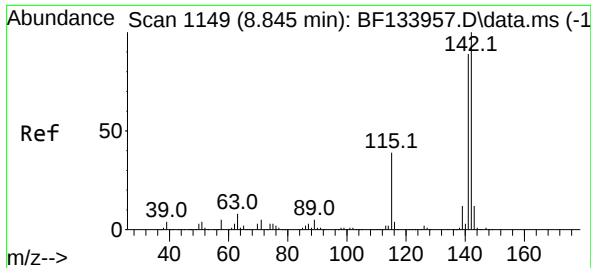
Delta R.T. 0.006 min

Lab File: BF134337.D

Acq: 18 Jul 2023 14:32

Tgt Ion:	107	Resp:	215477
Ion Ratio	Lower	Upper	
107	100		
144	23.1	19.6	29.4
142	73.1	61.4	92.2





#37
2-Methylnaphthalene
Concen: 40.250 ng
RT: 8.833 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

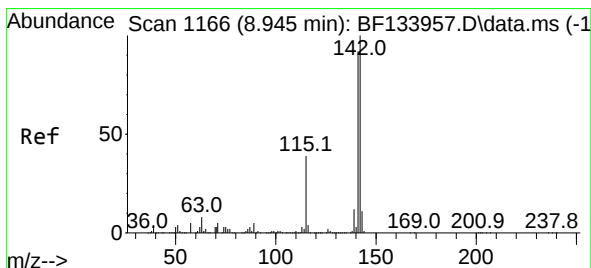
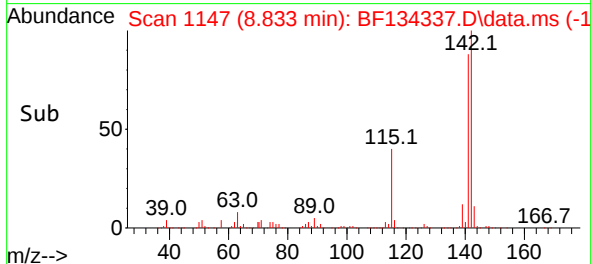
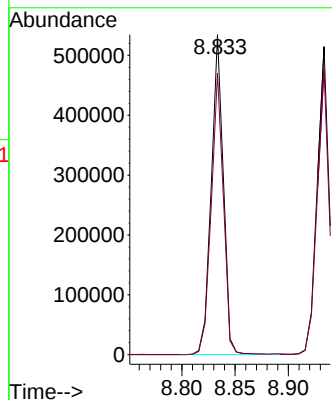
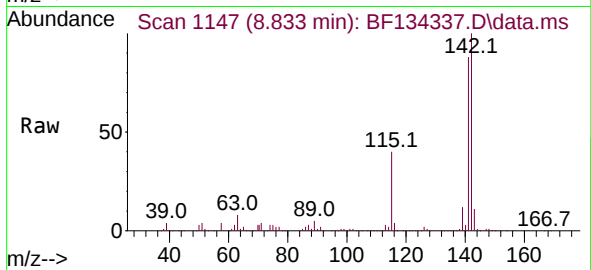
Instrument :
BNA_F
ClientSampleId :
PB154222BS

Tgt Ion:142 Resp: 42325
Ion Ratio Lower Upper
142 100
141 87.9 71.0 106.4

Manual Integrations
APPROVED

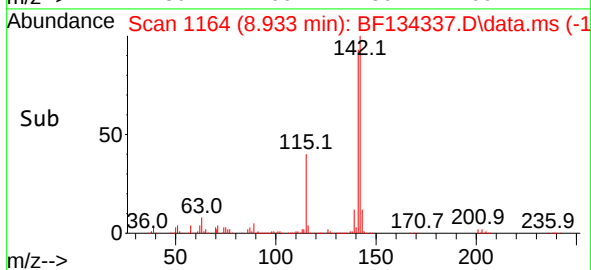
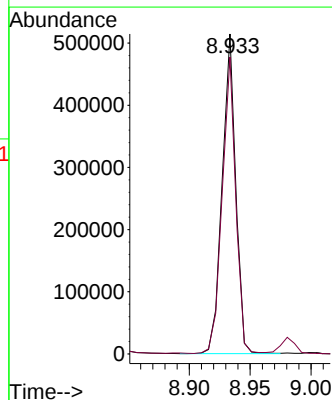
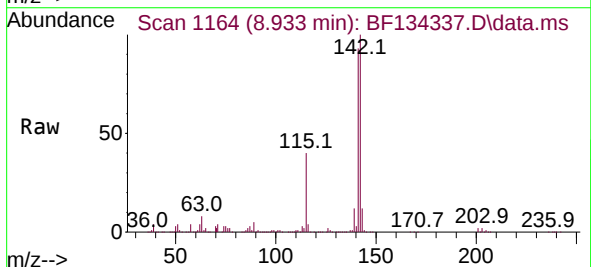
Reviewed By :Yogesh
Patel
07/19/2023

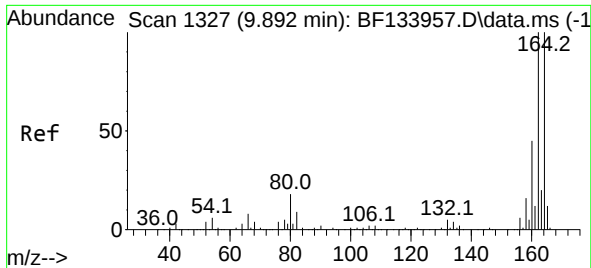
Supervised By :mohammad
ahmed
07/19/2023



#38
1-Methylnaphthalene
Concen: 40.916 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

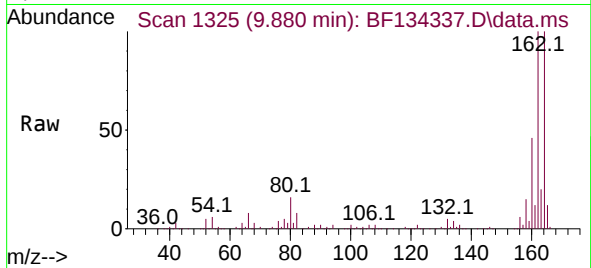
Tgt Ion:142 Resp: 399994
Ion Ratio Lower Upper
142 100
141 92.8 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :
BNA_F
ClientSampleId :
PB154222BS

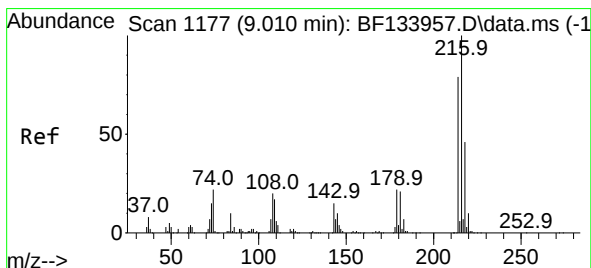
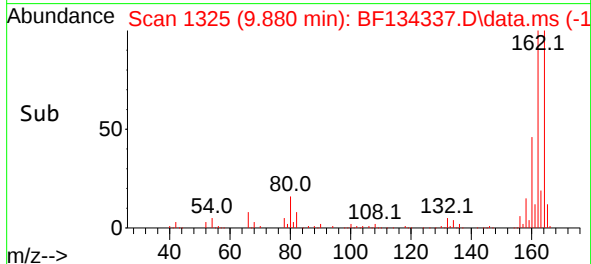
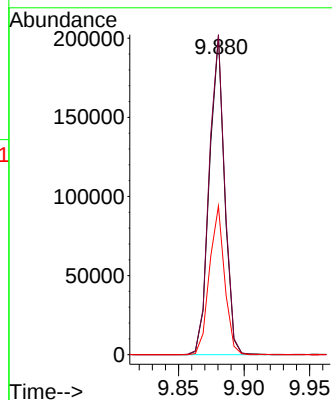


Tgt Ion:164 Resp: 16202
Ion Ratio Lower Upper
164 100
162 100.3 80.0 120.0
160 46.6 35.9 53.9

Manual Integrations
APPROVED

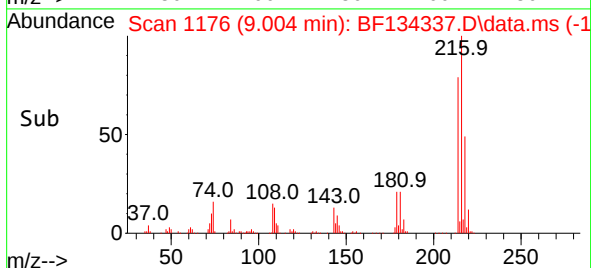
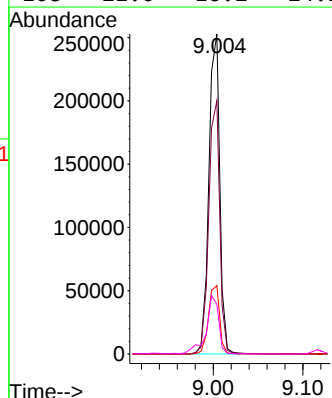
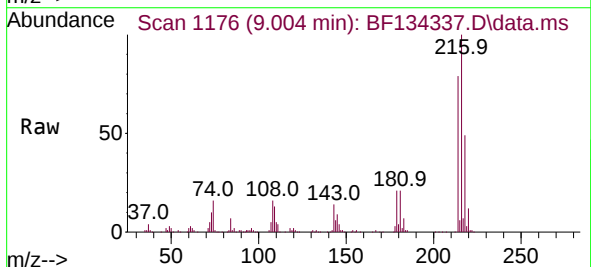
Reviewed By :Yogesh
Patel
07/19/2023

Supervised By :mohammad
ahmed
07/19/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.480 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Tgt Ion:216 Resp: 213512
Ion Ratio Lower Upper
216 100
214 79.6 64.1 96.1
179 21.8 17.3 25.9
108 21.0 16.2 24.2





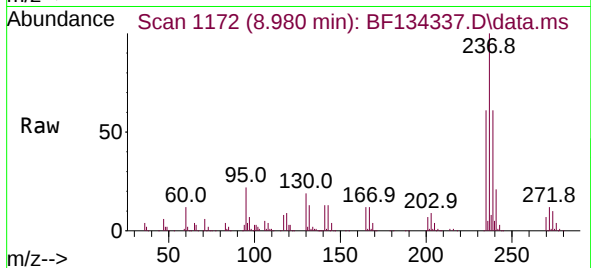
#41
Hexachlorocyclopentadiene
Concen: 71.792 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS



Tgt Ion:237 Resp: 163490
Ion Ratio Lower Upper
237 100
235 61.3 42.8 82.8
272 12.3 0.0 34.6

Manual Integrations
APPROVED

Reviewed By :Yogesh

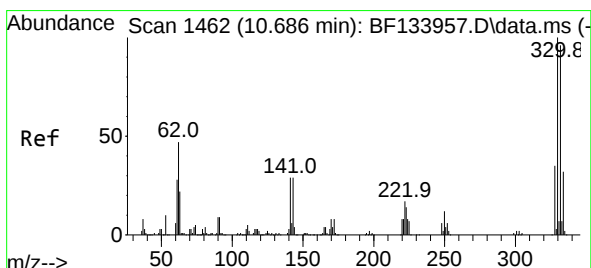
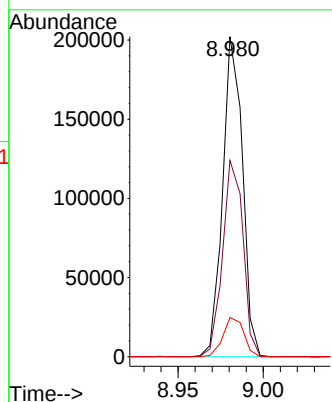
Patel

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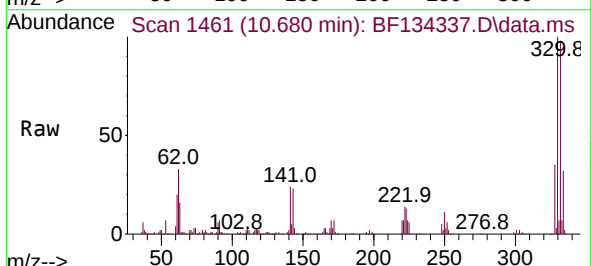
Supervised By :mohammad

ahmed

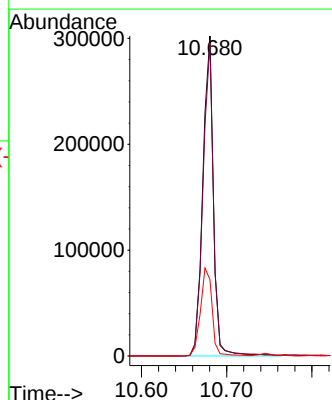
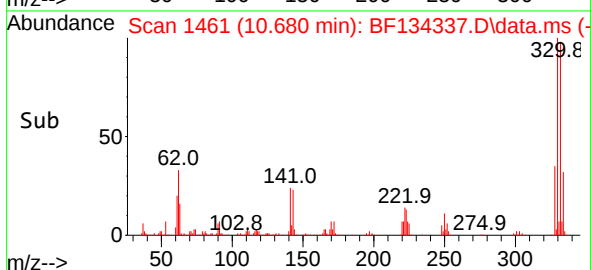
07/19/2023

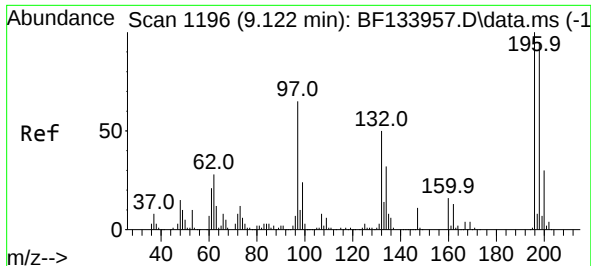


#42
2,4,6-Tribromophenol
Concen: 128.485 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32



Tgt Ion:330 Resp: 261009
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 30.1 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 41.593 ng

RT: 9.116 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF134337.D

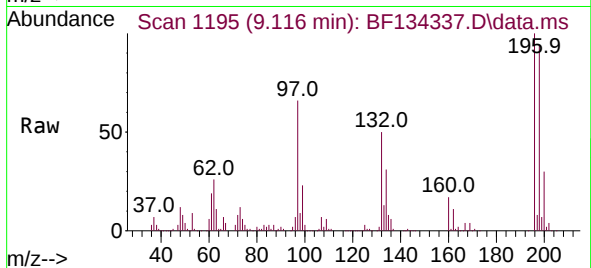
Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS



Tgt Ion:196 Resp: 13591

Ion Ratio Lower Upper

196 100

198 94.0 75.6 113.4

200 29.9 24.4 36.6

Manual Integrations

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Reviewed By :Yogesh

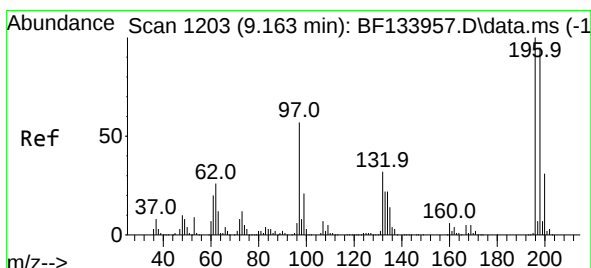
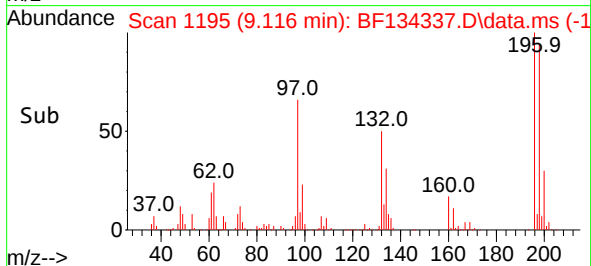
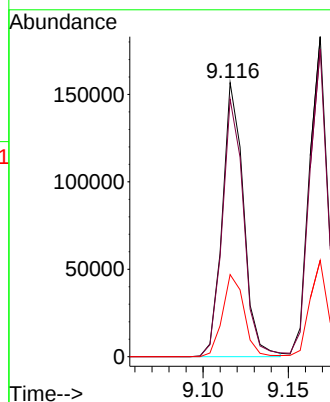
Patel

07/19/2023

Supervised By :mohammad

ahmed

07/19/2023



#44

2,4,5-Trichlorophenol

Concen: 37.713 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF134337.D

Acq: 18 Jul 2023 14:32

Tgt Ion:196 Resp: 144958

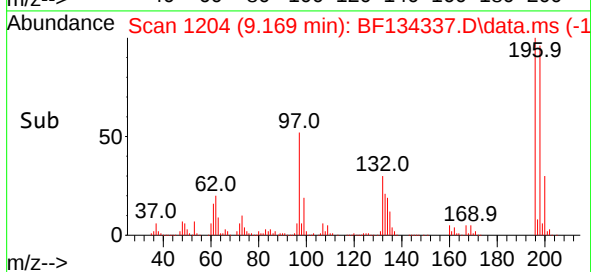
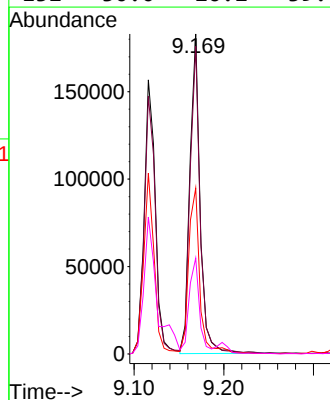
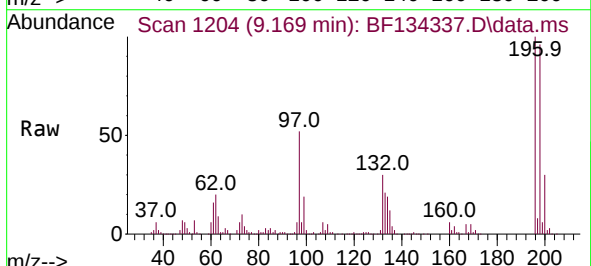
Ion Ratio Lower Upper

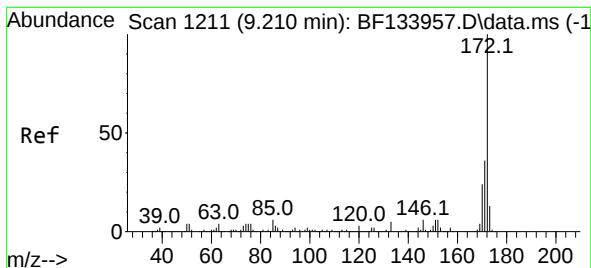
196 100

198 96.1 75.7 113.5

97 51.8 45.8 68.6

132 30.0 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 81.567 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134337.D

Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS

Tgt Ion:172 Resp: 908980

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 24.1 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh

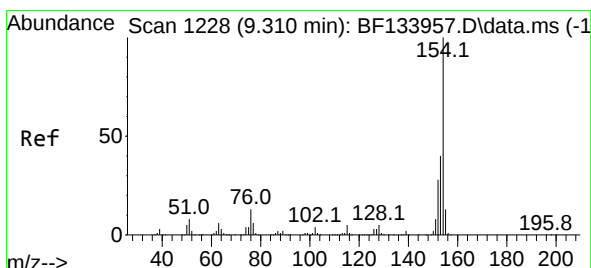
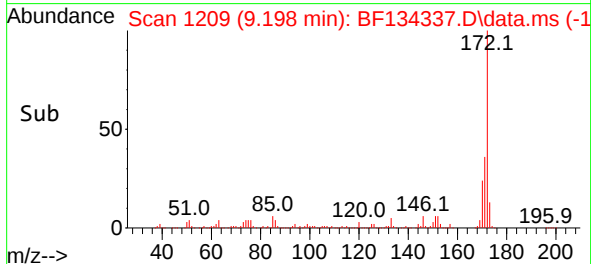
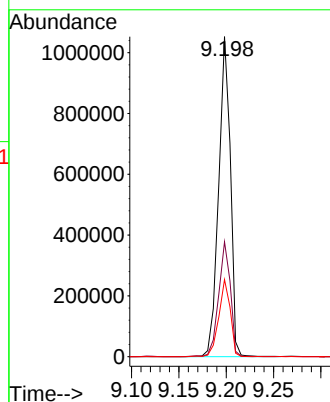
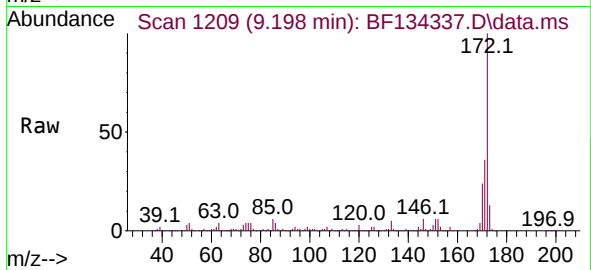
Patel

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Supervised By :mohammad

ahmed

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#46

1,1'-Biphenyl

Concen: 42.257 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF134337.D

Acq: 18 Jul 2023 14:32

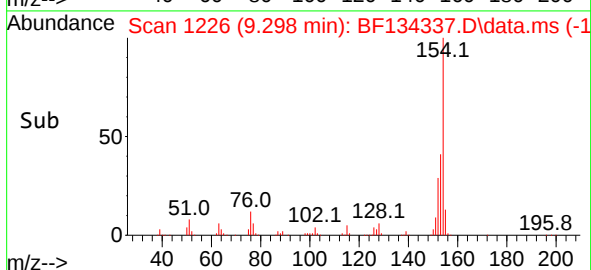
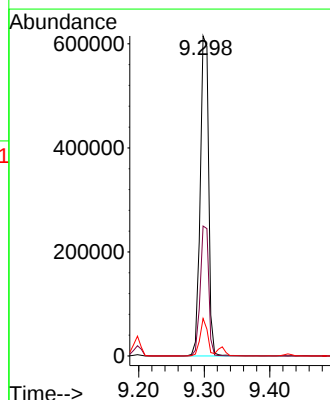
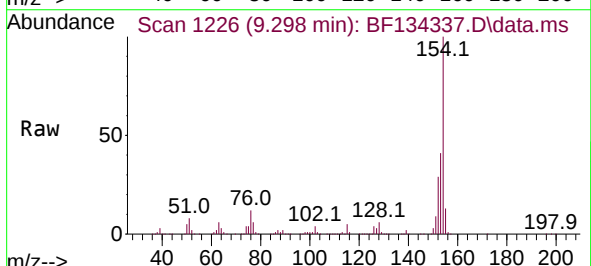
Tgt Ion:154 Resp: 549203

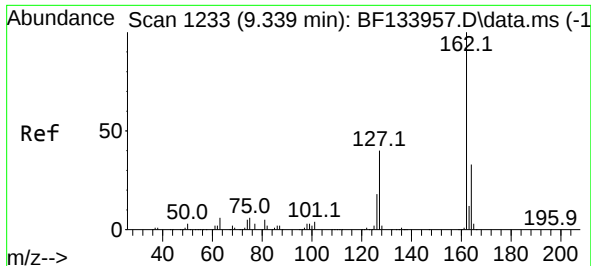
Ion Ratio Lower Upper

154 100

153 40.6 19.8 59.8

76 11.7 0.0 32.9





#47

2-Chloronaphthalene

Concen: 42.070 ng

RT: 9.328 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF134337.D

Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS

Tgt Ion:162 Resp: 400059

Ion Ratio Lower Upper

162 100

127 42.8 32.9 49.3

164 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh

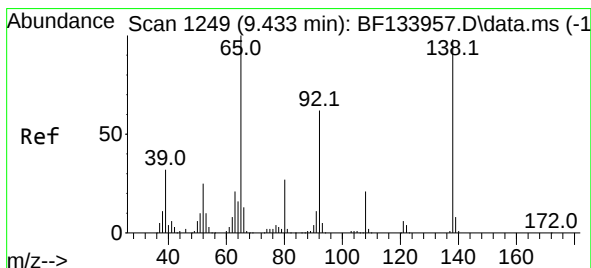
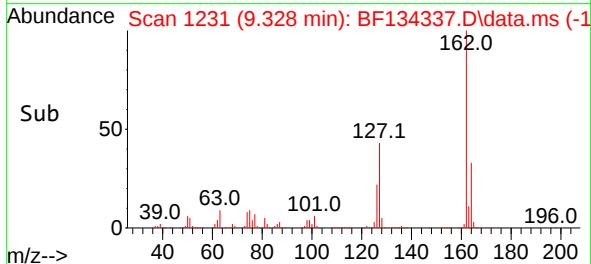
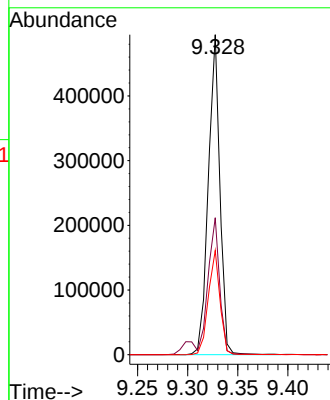
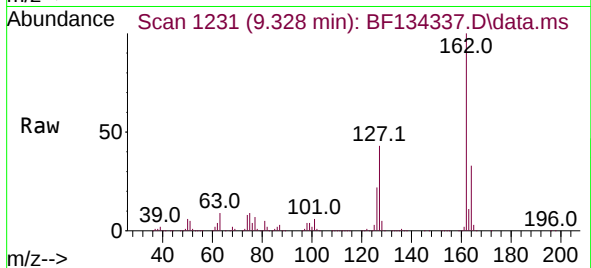
Patel

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Supervised By :mohammad

ahmed

07/19/2023



#48

2-Nitroaniline

Concen: 39.520 ng

RT: 9.428 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF134337.D

Acq: 18 Jul 2023 14:32

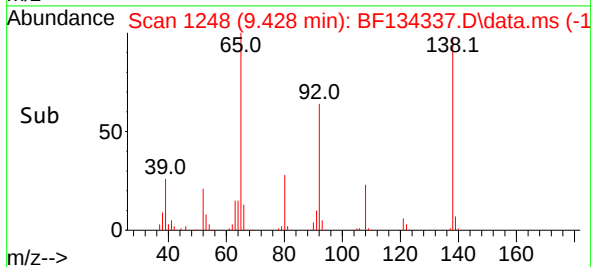
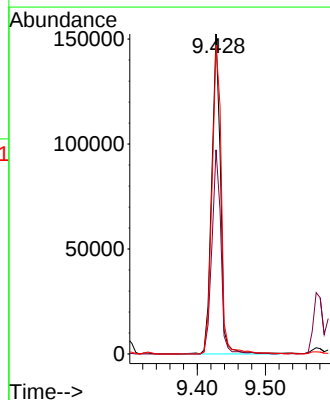
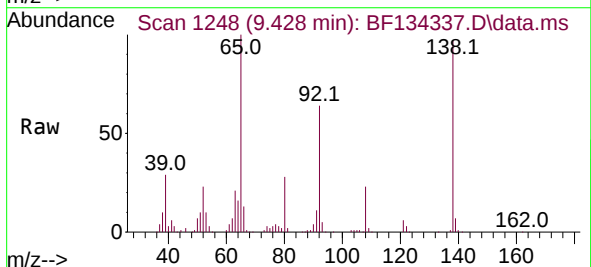
Tgt Ion: 65 Resp: 136961

Ion Ratio Lower Upper

65 100

92 63.8 49.5 74.3

138 96.6 78.0 117.0





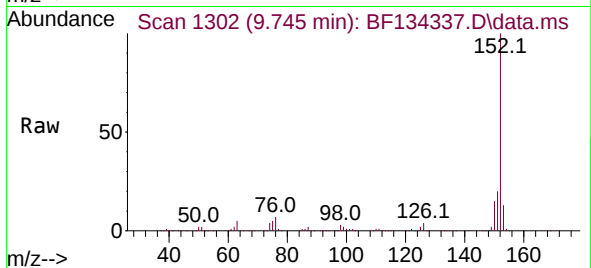
#49
Acenaphthylene
Concen: 39.923 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS



Tgt Ion:152 Resp: 64852
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 12.7 10.8 16.2

Manual Integrations
APPROVED

Reviewed By :Yogesh

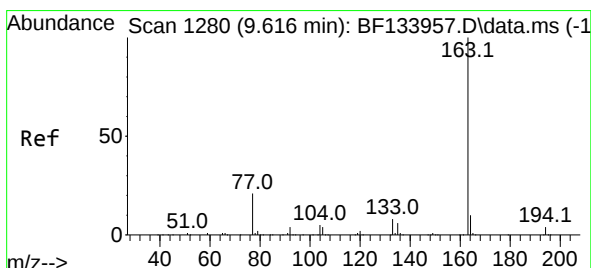
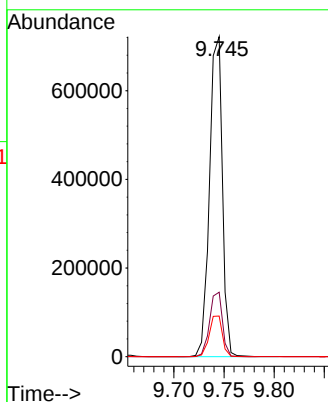
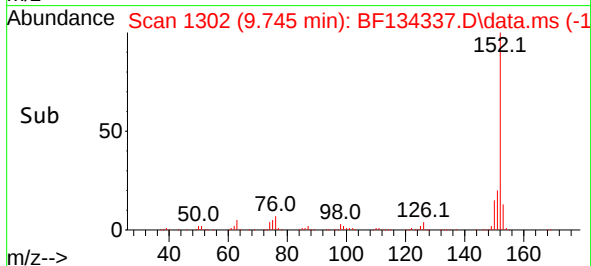
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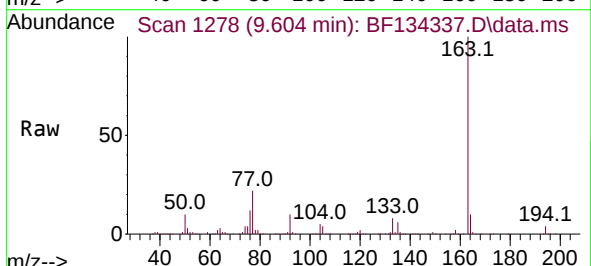
Supervised By :mohammad

ahmed

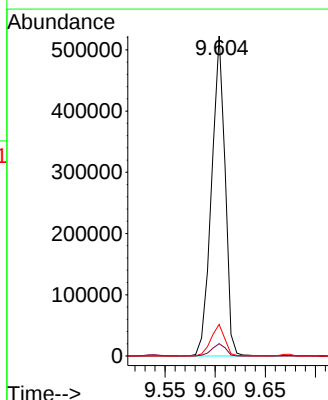
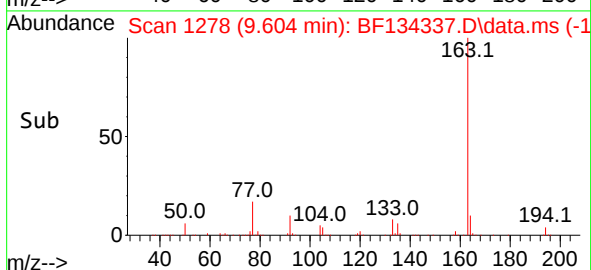
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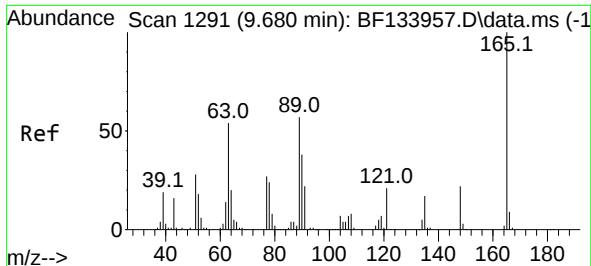


#50
Dimethylphthalate
Concen: 41.645 ng
RT: 9.604 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32



Tgt Ion:163 Resp: 489790
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.8 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 42.076 ng
RT: 9.675 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS

Tgt Ion:165 Resp: 106580
Ion Ratio Lower Upper
165 100
63 52.9 48.5 72.7
89 51.7 45.5 68.3

Manual Integrations
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Reviewed By :Yogesh

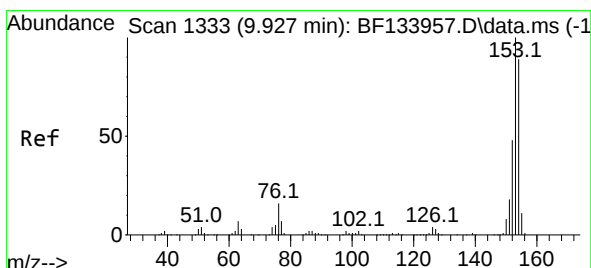
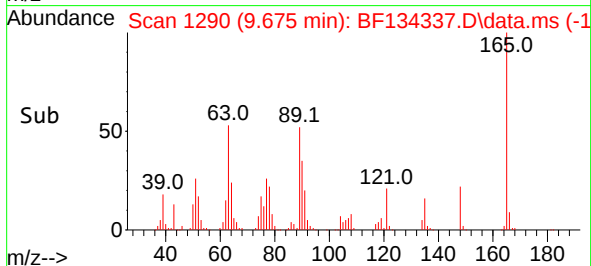
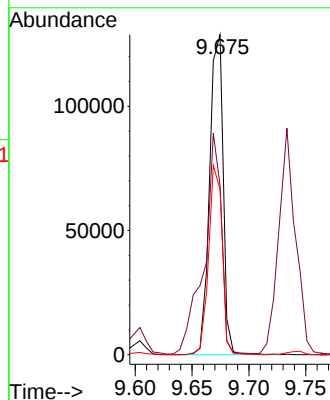
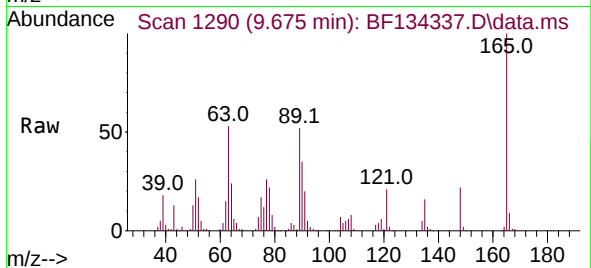
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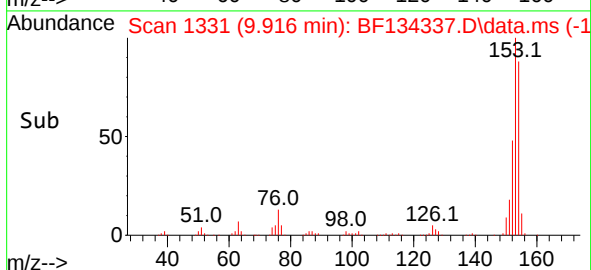
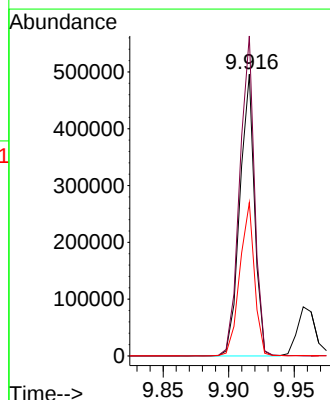
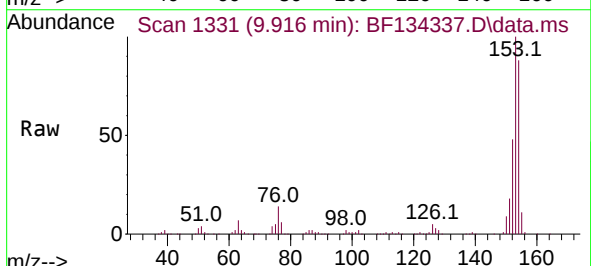
ahmed

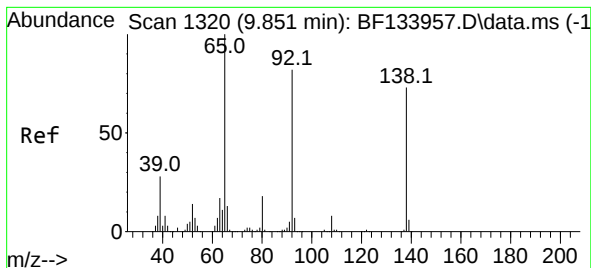
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#52
Acenaphthene
Concen: 41.167 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Tgt Ion:154 Resp: 388031
Ion Ratio Lower Upper
154 100
153 113.6 89.4 134.2
152 54.4 42.8 64.2





#53

3-Nitroaniline

Concen: 23.554 ng

RT: 9.839 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134337.D

Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS

Tgt Ion:138 Resp: 71580

Ion	Ratio	Lower	Upper
138	100		
108	12.9	8.4	12.6
92	116.3	90.1	135.1

Manual Integrations
APPROVED

Reviewed By :Yogesh

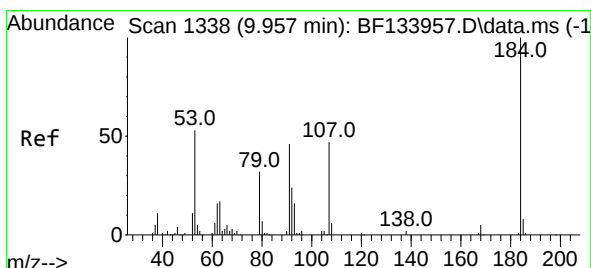
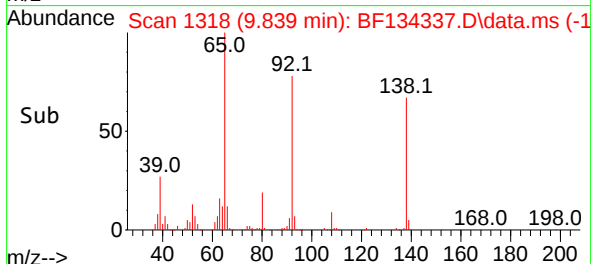
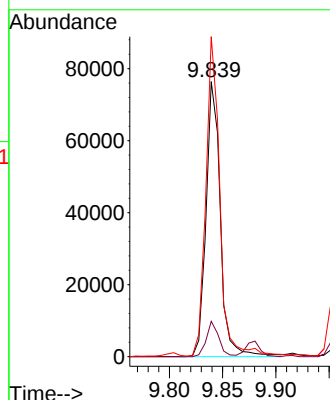
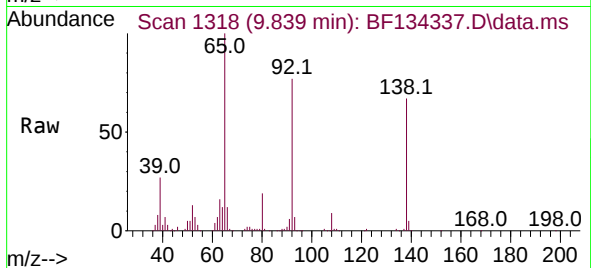
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#54

2,4-Dinitrophenol

Concen: 80.742 ng

RT: 9.963 min Scan# 1339

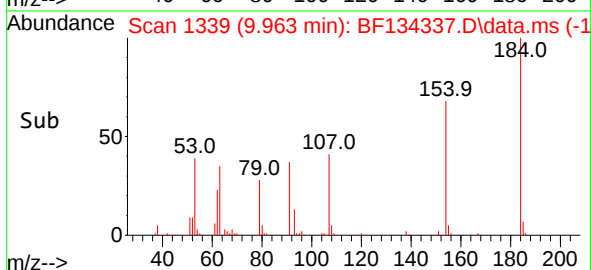
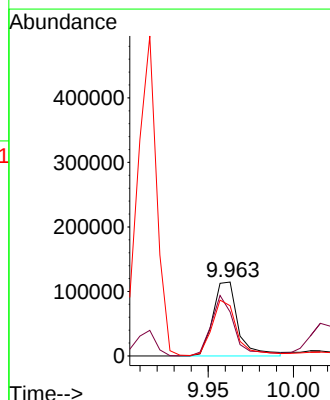
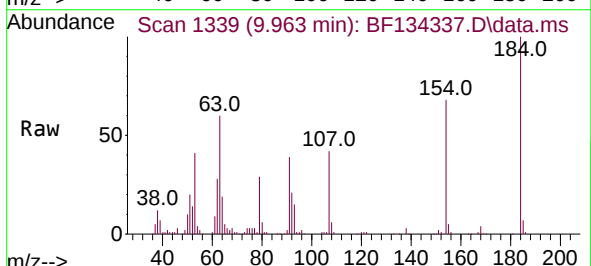
Delta R.T. 0.006 min

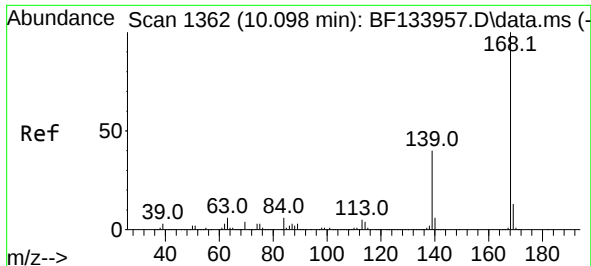
Lab File: BF134337.D

Acq: 18 Jul 2023 14:32

Tgt Ion:184 Resp: 118175

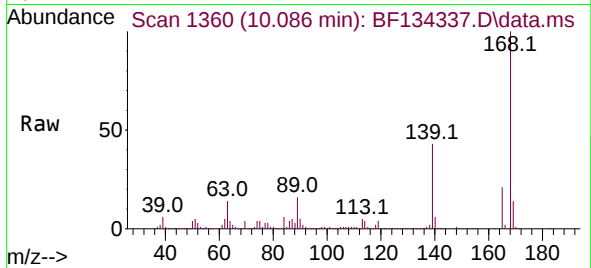
Ion	Ratio	Lower	Upper
184	100		
63	59.5	56.9	85.3
154	68.0	55.4	83.0





#55
Dibenzenofuran
Concen: 40.424 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :
BNA_F
ClientSampleId :
PB154222BS

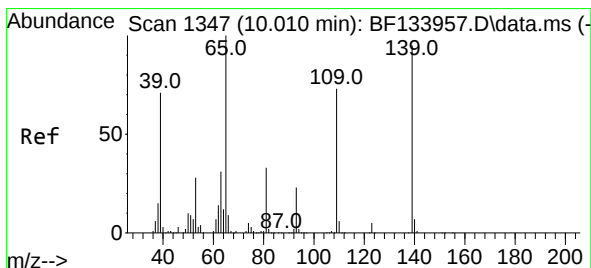
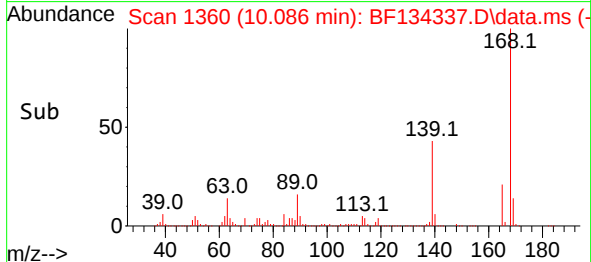
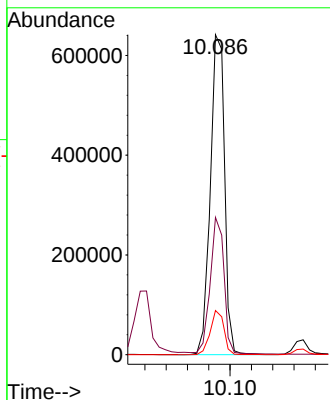


Tgt Ion:168 Resp: 595489
Ion Ratio Lower Upper
168 100
139 42.9 32.0 48.0
169 13.8 10.6 16.0

Manual Integrations
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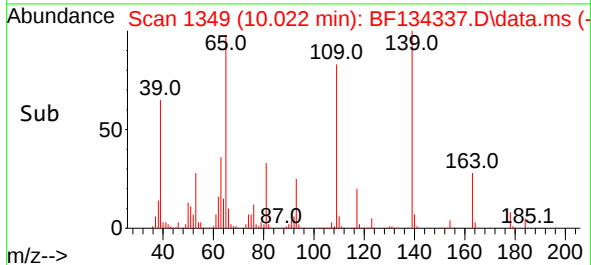
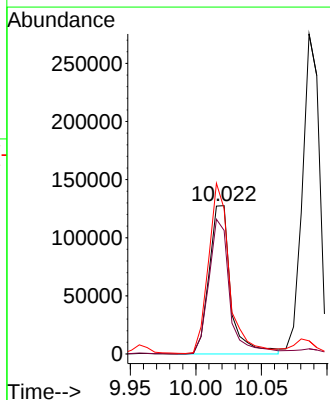
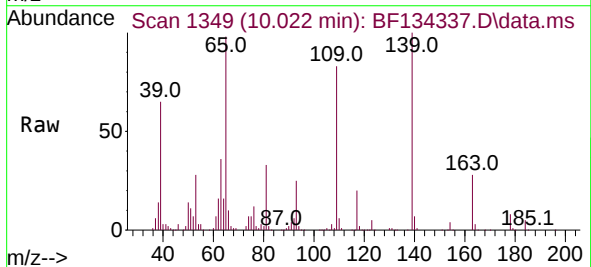
Reviewed By :Yogesh
Patel
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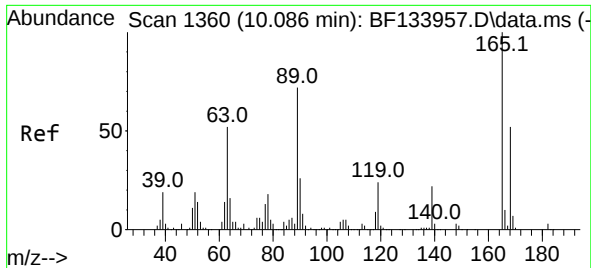
Supervised By :mohammad
ahmed
07/19/2023



#56
4-Nitrophenol
Concen: 69.074 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Tgt Ion:139 Resp: 146831
Ion Ratio Lower Upper
139 100
109 83.3 56.8 96.8
65 98.0 86.1 126.1





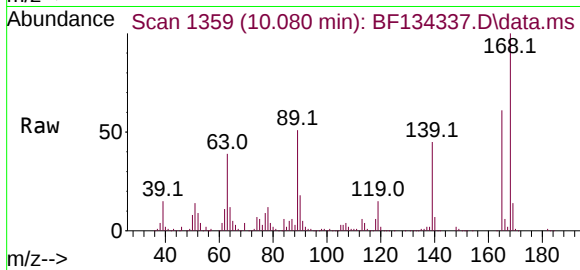
#57
2,4-Dinitrotoluene
Concen: 43.185 ng
RT: 10.080 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS



Tgt Ion:165 Resp: 144472
Ion Ratio Lower Upper
165 100
63 63.8 42.2 63.2
89 82.4 57.4 86.2
182 2.4 2.2 3.4

Manual Integrations
APPROVED

Reviewed By :Yogesh

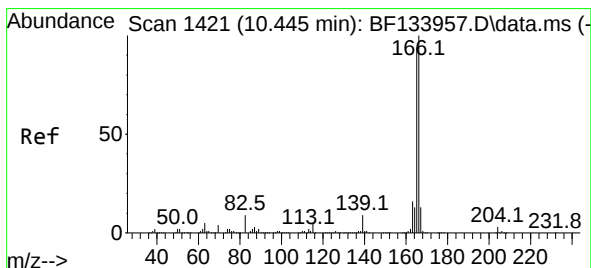
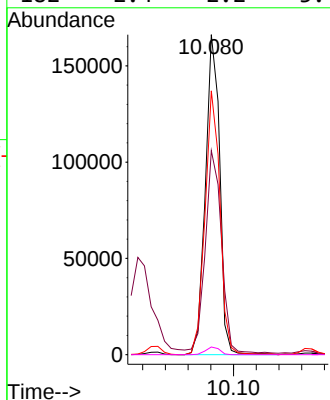
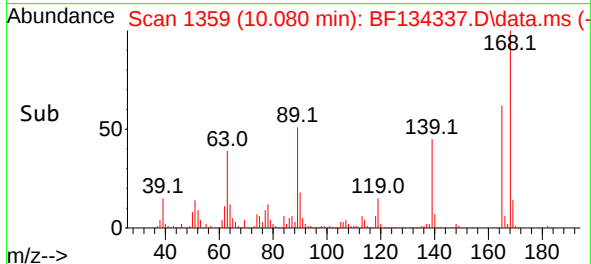
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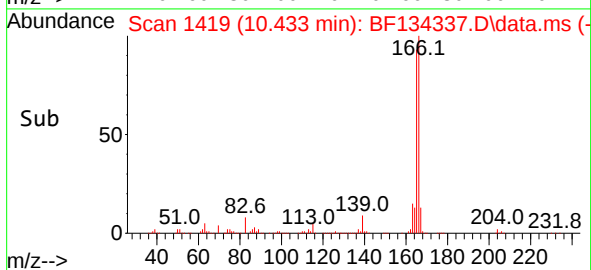
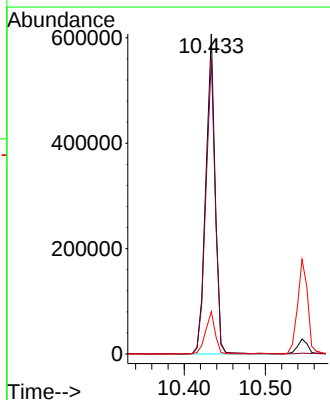
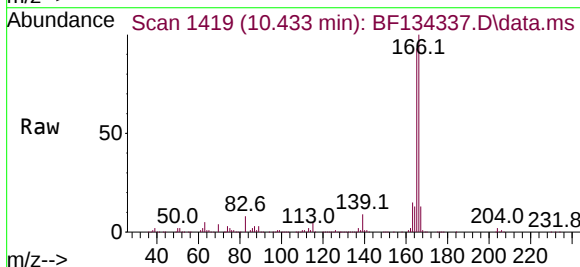
ahmed

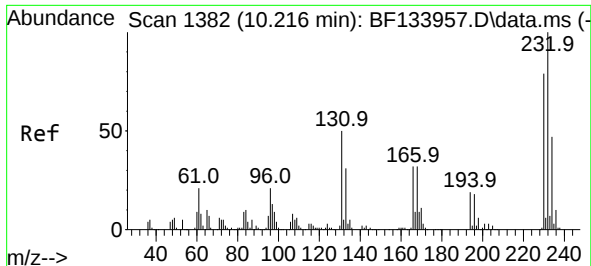
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#58
Fluorene
Concen: 42.282 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

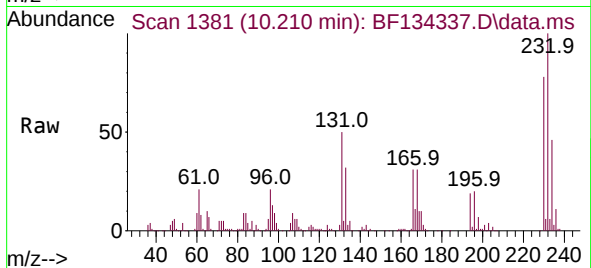
Tgt Ion:166 Resp: 484583
Ion Ratio Lower Upper
166 100
165 92.6 75.0 112.4
167 13.2 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.642 ng
RT: 10.210 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :
BNA_F
ClientSampleId :
PB154222BS

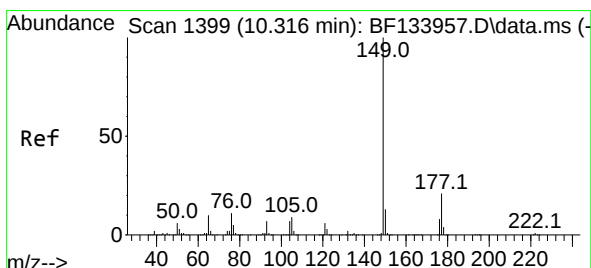
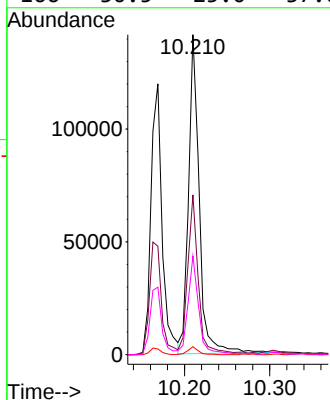
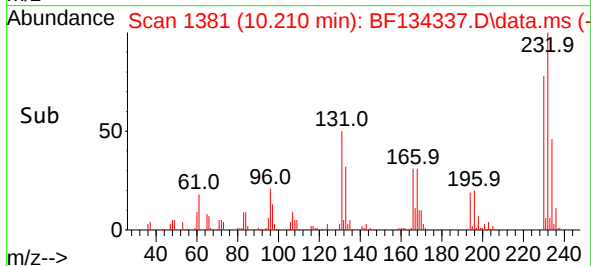


Tgt Ion:232 Resp: 123221
Ion Ratio Lower Upper
232 100
131 50.2 39.3 58.9
130 2.5 1.8 2.6
166 30.5 25.0 37.6

Manual Integrations
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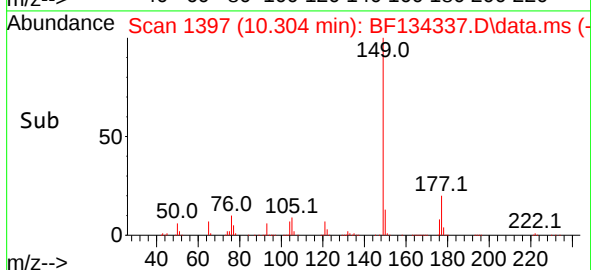
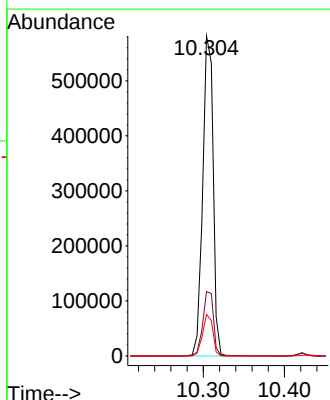
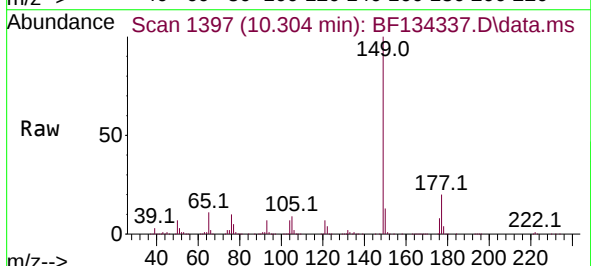
Reviewed By :Yogesh
Patel
07/19/2023

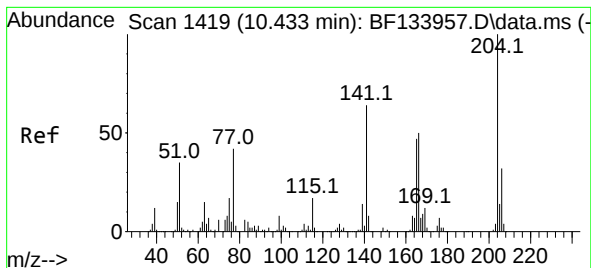
Supervised By :mohammad
ahmed
07/19/2023



#60
Diethylphthalate
Concen: 42.344 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

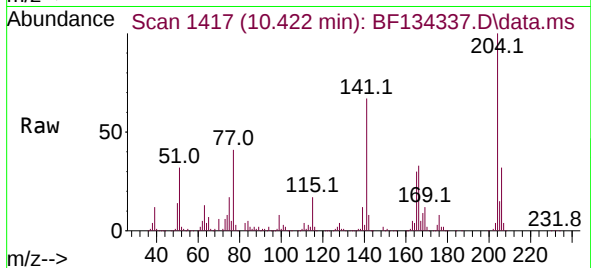
Tgt Ion:149 Resp: 518860
Ion Ratio Lower Upper
149 100
177 20.1 17.0 25.6
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 42.691 ng
RT: 10.422 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :
BNA_F
ClientSampleId :
PB154222BS

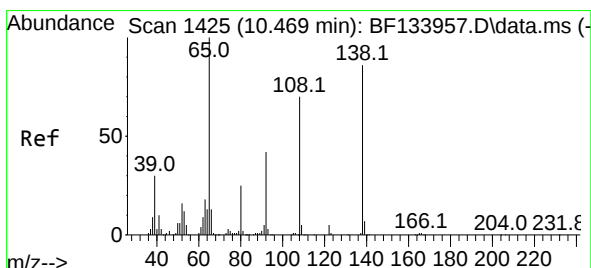
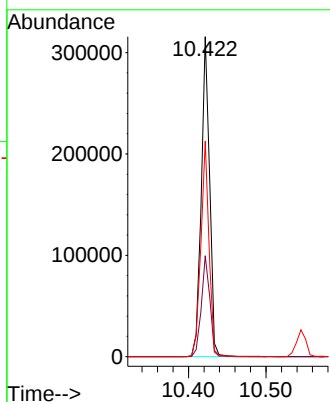
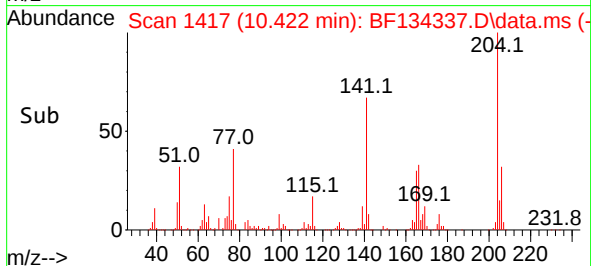


Tgt Ion:204 Resp: 235780
Ion Ratio Lower Upper
204 100
206 31.6 25.8 38.6
141 67.3 51.5 77.3

Manual Integrations
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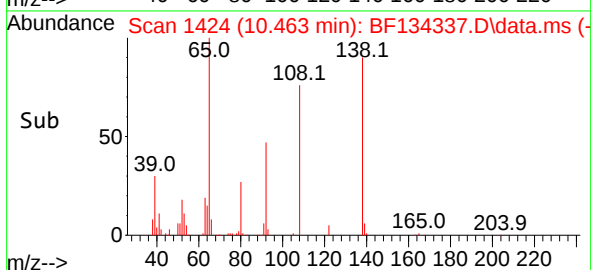
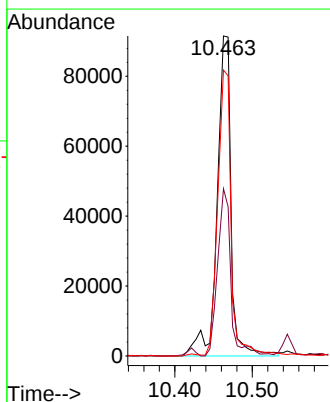
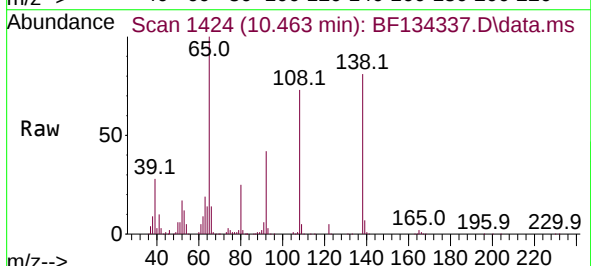
Reviewed By :Yogesh
Patel
07/19/2023

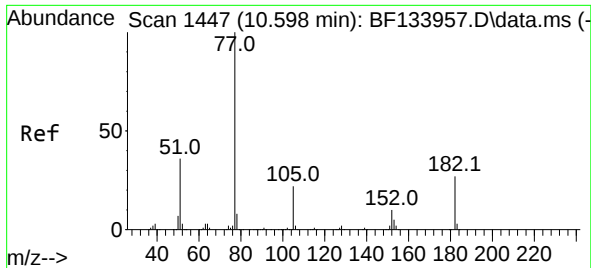
Supervised By :mohammad
ahmed
07/19/2023



#62
4-Nitroaniline
Concen: 37.364 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

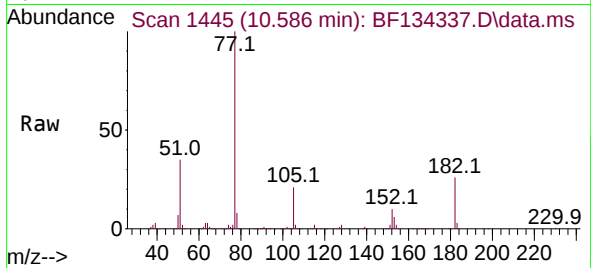
Tgt Ion:138 Resp: 114433
Ion Ratio Lower Upper
138 100
92 52.2 29.7 69.7
108 89.3 62.1 102.1





#63
Azobenzene
Concen: 39.792 ng
RT: 10.586 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :
BNA_F
ClientSampleId :
PB154222BS

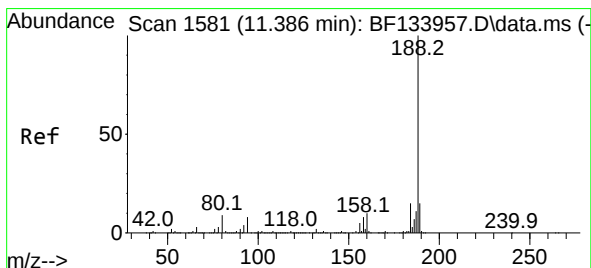
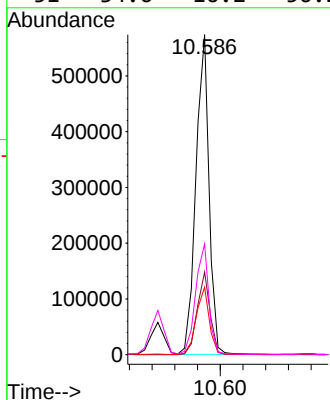
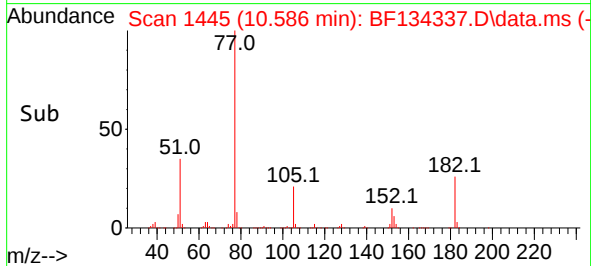


Tgt Ion: 77 Resp: 461211
Ion Ratio Lower Upper
77 100
182 25.8 6.8 46.8
105 21.1 2.3 42.3
51 34.6 16.2 56.2

Manual Integrations
APPROVED

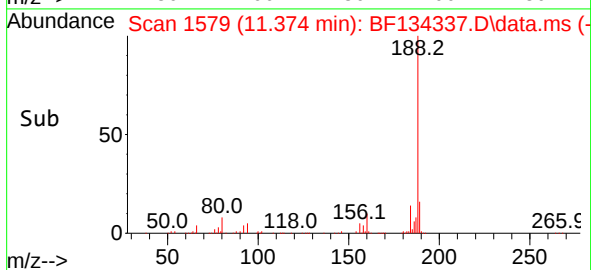
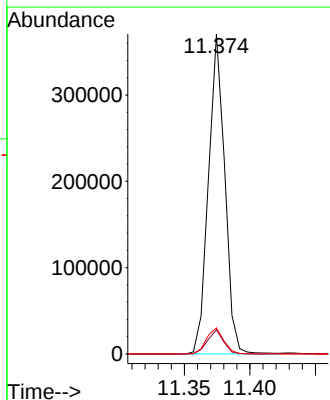
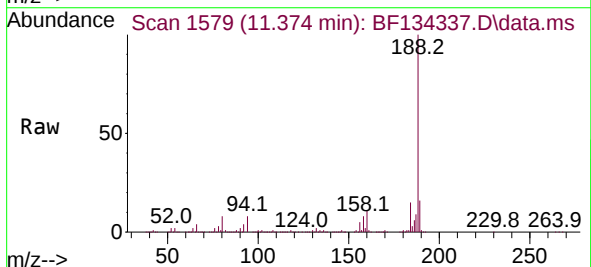
Reviewed By :Yogesh
Patel
07/19/2023

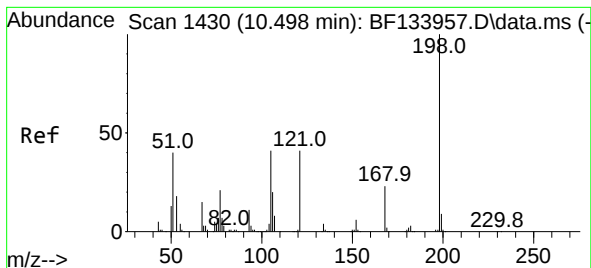
Supervised By :mohammad
ahmed
07/19/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Tgt Ion:188 Resp: 321931
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 8.2 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 46.909 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

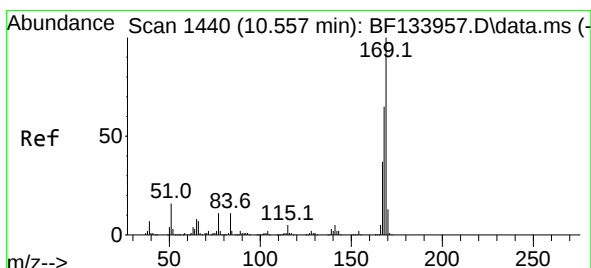
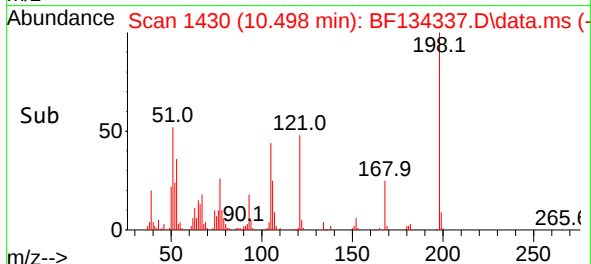
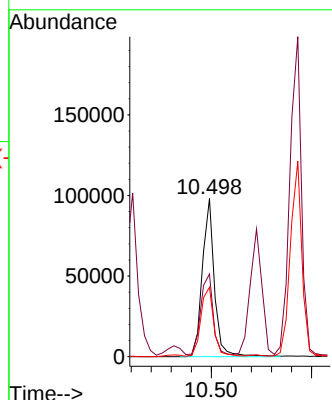
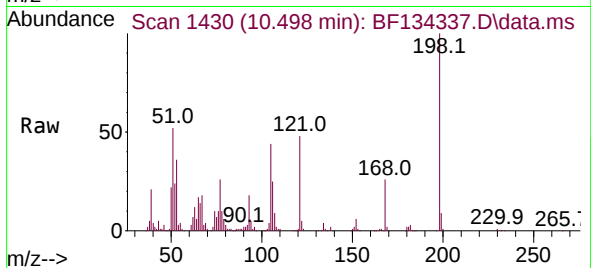
Instrument :
BNA_F
ClientSampleId :
PB154222BS

Tgt Ion:198 Resp: 82331
Ion Ratio Lower Upper
198 100
51 52.4 29.3 69.3
105 43.9 22.4 62.4

Manual Integrations
APPROVED

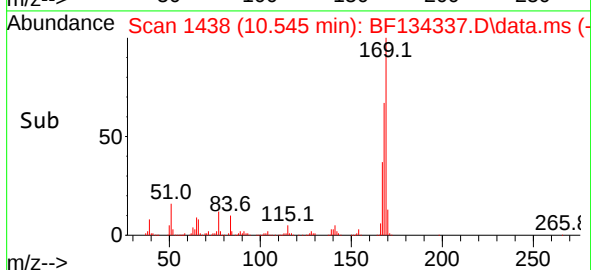
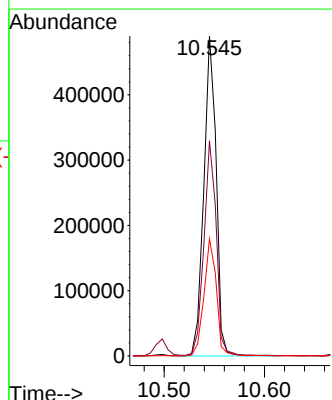
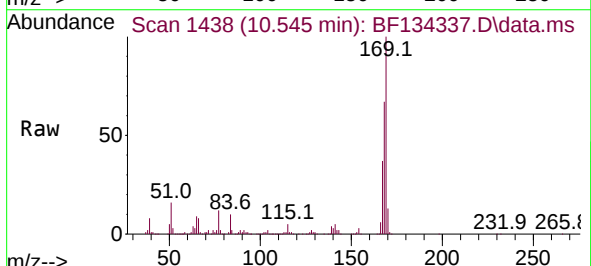
Reviewed By :Yogesh
Patel
07/19/2023

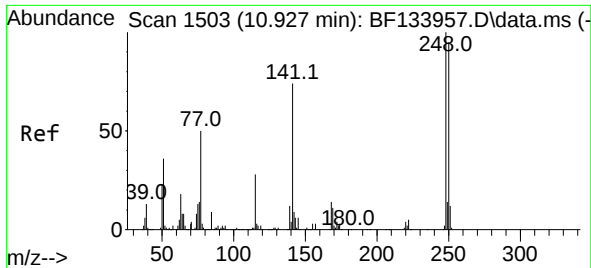
Supervised By :mohammad
ahmed
07/19/2023



#66
n-Nitrosodiphenylamine
Concen: 41.072 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Tgt Ion:169 Resp: 422456
Ion Ratio Lower Upper
169 100
168 67.2 52.3 78.5
167 36.6 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 43.055 ng
RT: 10.916 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS

Tgt Ion:248 Resp: 14732
Ion Ratio Lower Upper
248 100
250 97.3 76.2 114.4
141 79.0 59.0 88.4

Manual Integrations
APPROVED

Reviewed By :Yogesh

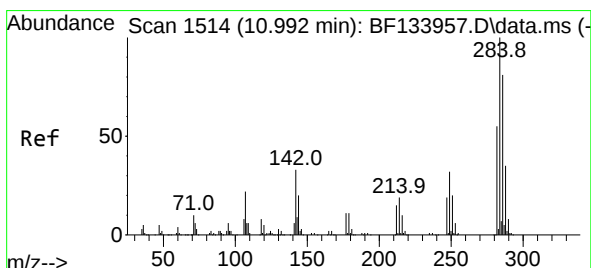
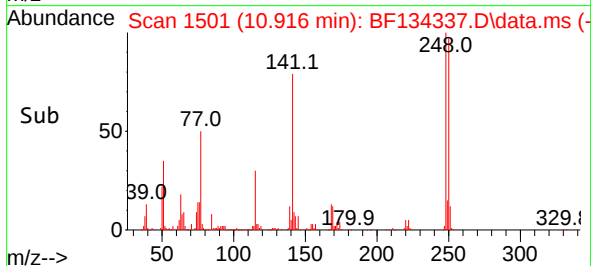
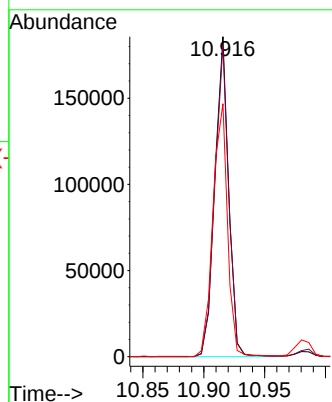
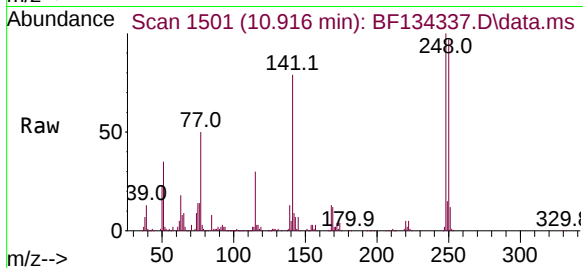
Patel

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Supervised By :mohammad

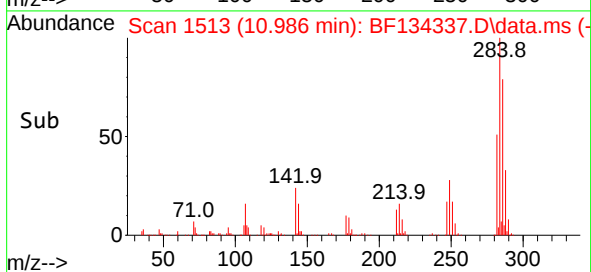
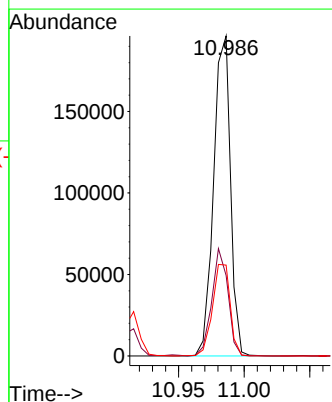
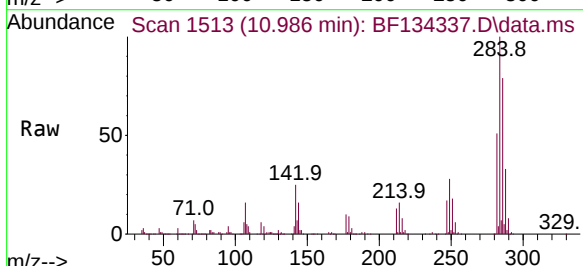
ahmed

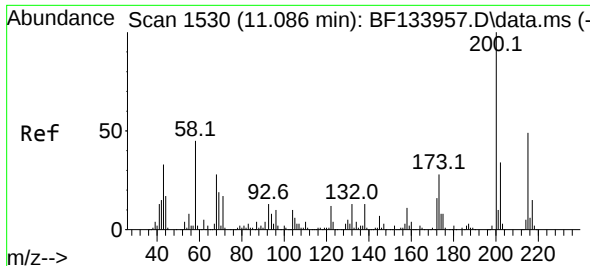
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#68
Hexachlorobenzene
Concen: 48.254 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

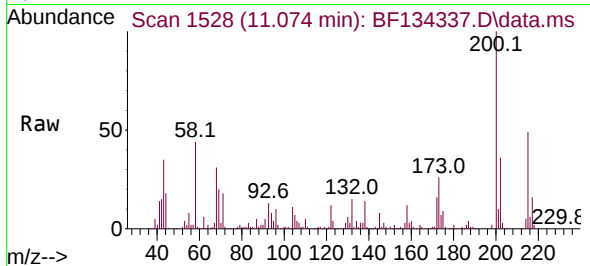
Tgt Ion:284 Resp: 175311
Ion Ratio Lower Upper
284 100
142 25.1 26.6 40.0#
249 28.4 25.5 38.3





#69
 Atrazine
 Concen: 30.590 ng
 RT: 11.074 min Scan# 1528
 Delta R.T. 0.000 min
 Lab File: BF134337.D
 Acq: 18 Jul 2023 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB154222BS

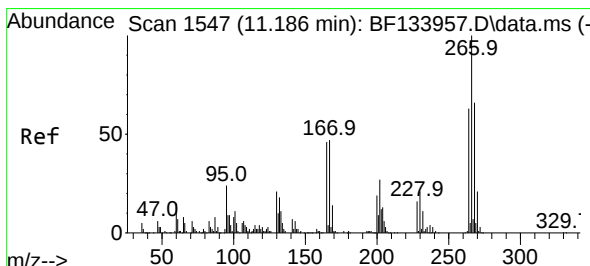
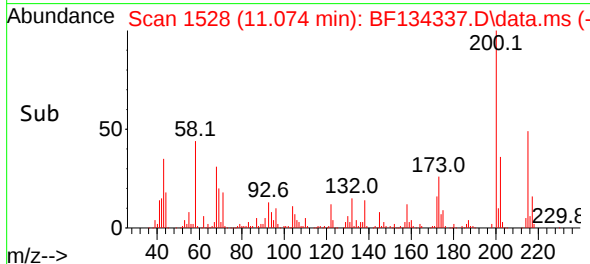
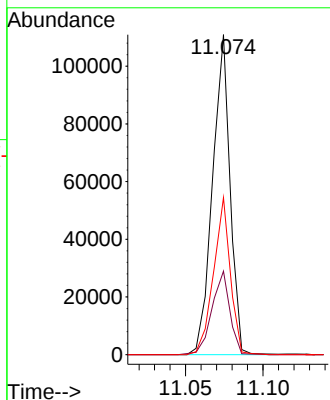


Tgt Ion:200 Resp: 87033
 Ion Ratio Lower Upper
 200 100
 173 26.1 8.0 48.0
 215 49.1 29.3 69.3

Manual Integrations
 APPROVED

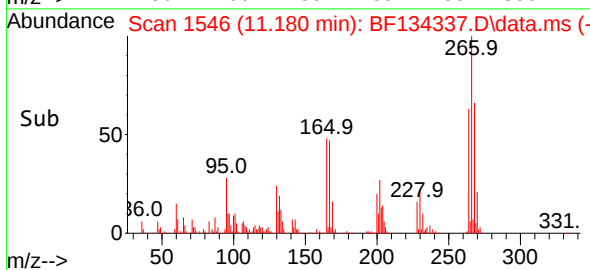
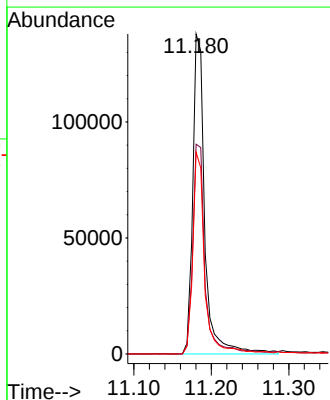
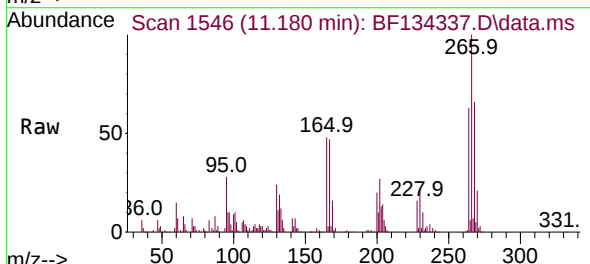
Reviewed By :Yogesh
 Patel
 07/19/2023

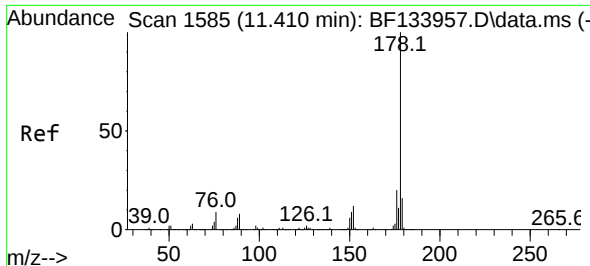
Supervised By :mohammad
 ahmed
 07/19/2023



#70
 Pentachlorophenol
 Concen: 68.667 ng
 RT: 11.180 min Scan# 1546
 Delta R.T. 0.000 min
 Lab File: BF134337.D
 Acq: 18 Jul 2023 14:32

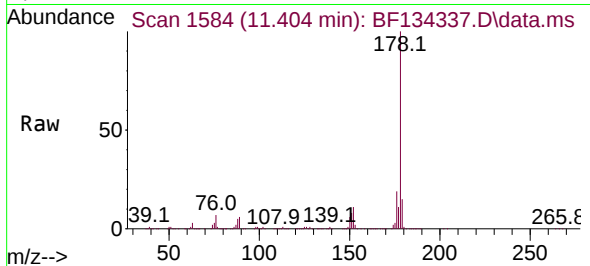
Tgt Ion:266 Resp: 149164
 Ion Ratio Lower Upper
 266 100
 268 65.5 52.6 79.0
 264 63.0 50.6 76.0





#71
Phenanthrene
Concen: 43.122 ng
RT: 11.404 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :
BNA_F
ClientSampleId :
PB154222BS

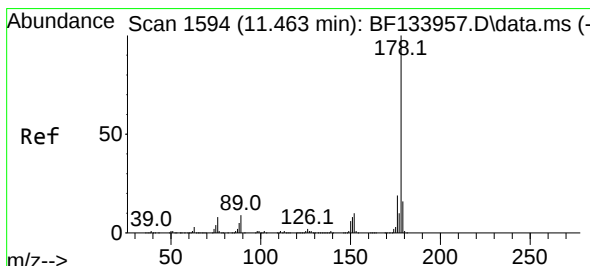
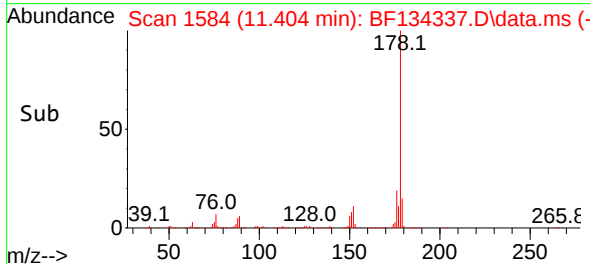
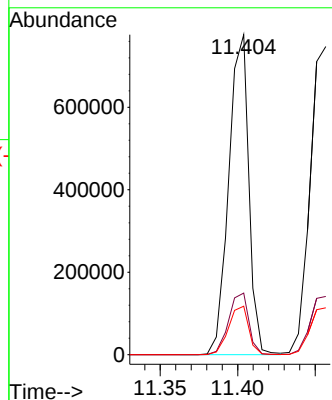


Tgt Ion:178 Resp: 69885
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.1 12.4 18.6

Manual Integrations
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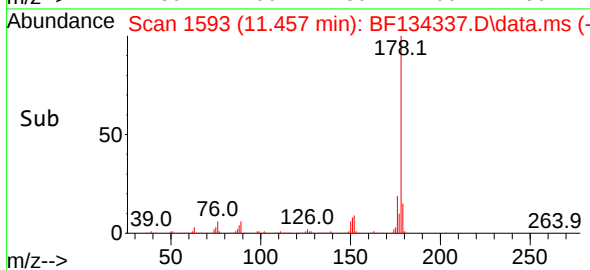
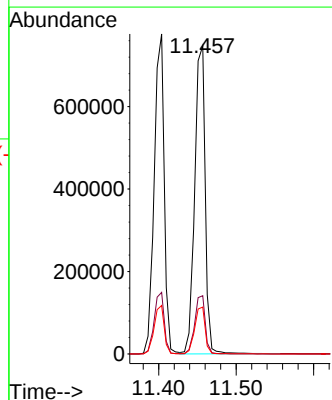
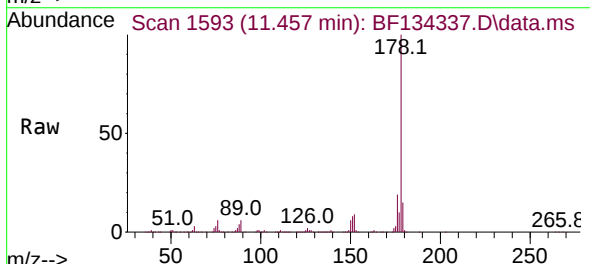
Reviewed By :Yogesh
Patel
07/19/2023

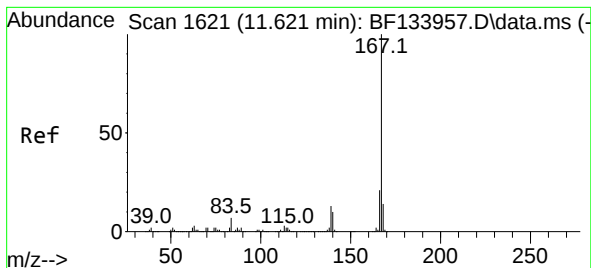
Supervised By :mohammad
ahmed
07/19/2023



#72
Anthracene
Concen: 41.808 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Tgt Ion:178 Resp: 704735
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.2 12.4 18.6





#73

Carbazole

Concen: 43.780 ng

RT: 11.616 min Scan# 1620

Delta R.T. 0.000 min

Lab File: BF134337.D

Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS

Tgt Ion:167 Resp: 67548

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

139 13.0 10.4 15.6

Manual Integrations

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Reviewed By :Yogesh

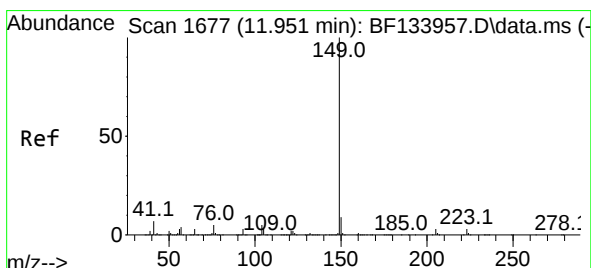
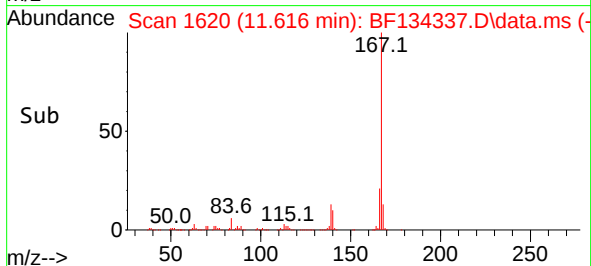
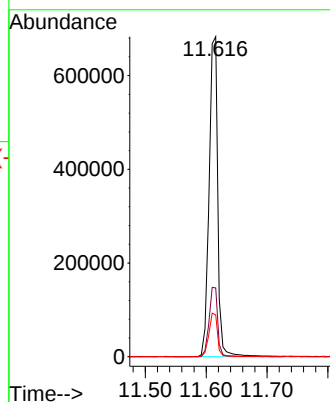
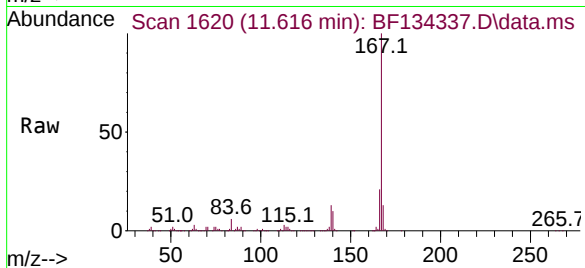
Patel

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Supervised By :mohammad

ahmed

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#74

Di-n-butylphthalate

Concen: 46.056 ng

RT: 11.939 min Scan# 1675

Delta R.T. 0.000 min

Lab File: BF134337.D

Acq: 18 Jul 2023 14:32

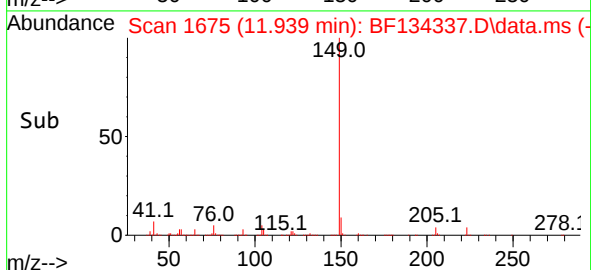
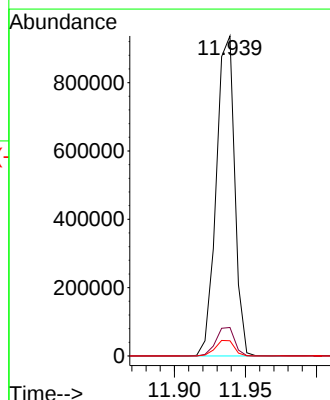
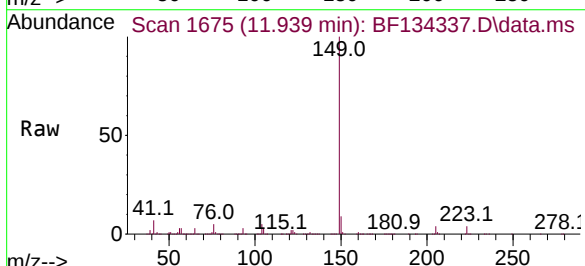
Tgt Ion:149 Resp: 845031

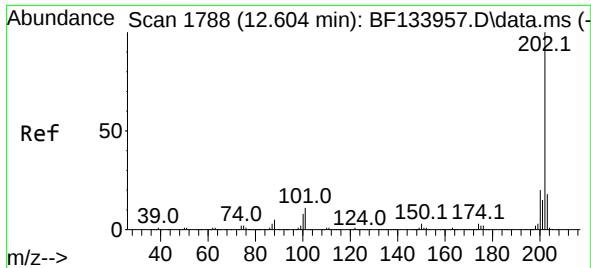
Ion Ratio Lower Upper

149 100

150 8.9 7.1 10.7

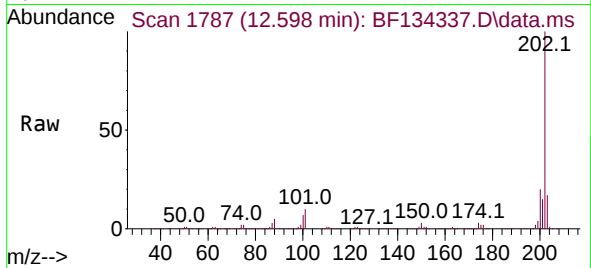
104 4.8 4.0 6.0





#75
Fluoranthene
Concen: 45.523 ng
RT: 12.598 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :
BNA_F
ClientSampleId :
PB154222BS

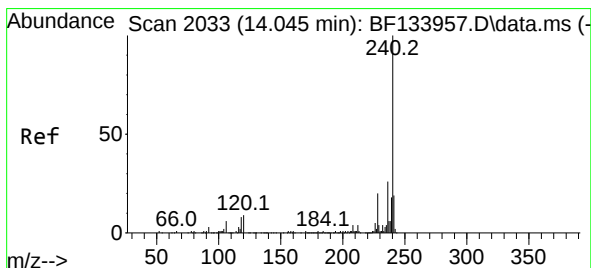
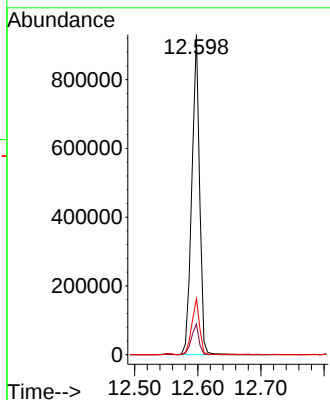
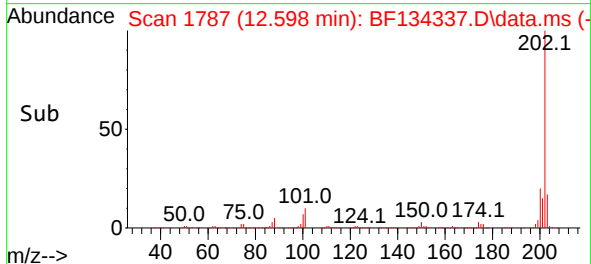


Tgt Ion:202 Resp: 797600
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.0
203 17.5 0.0 37.6

Manual Integrations
APPROVED

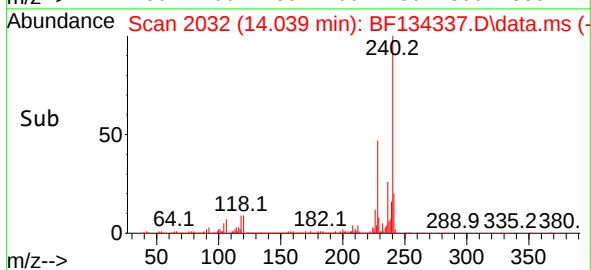
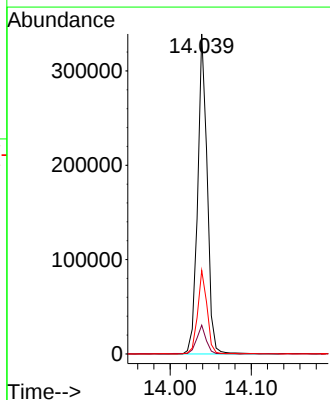
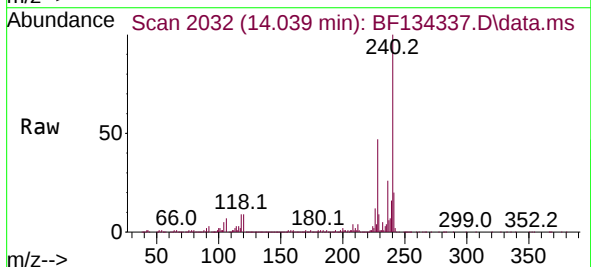
Reviewed By :Yogesh
Patel
07/19/2023

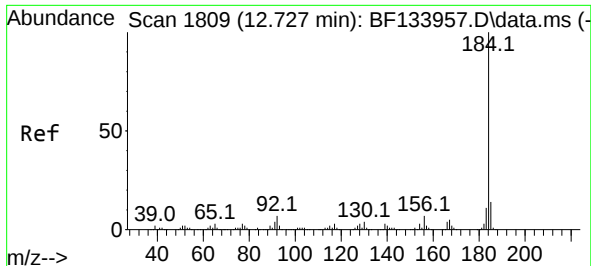
Supervised By :mohammad
ahmed
07/19/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

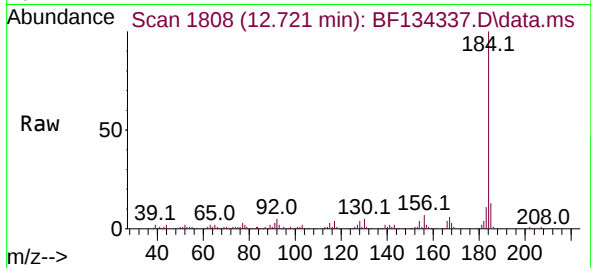
Tgt Ion:240 Resp: 277603
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.0
236 26.1 21.0 31.6





#77
Benzidine
Concen: 12.245 ng
RT: 12.721 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :
BNA_F
ClientSampleId :
PB154222BS

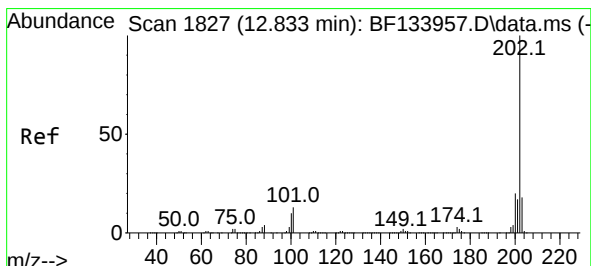
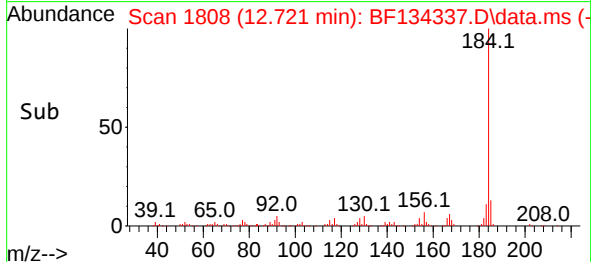
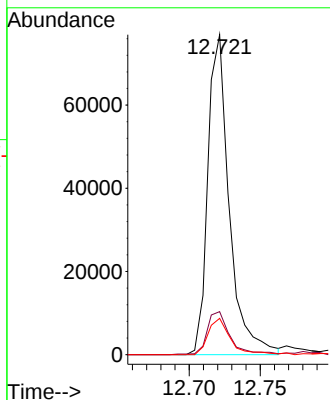


Tgt Ion:184 Resp: 80880
Ion Ratio Lower Upper
184 100
185 13.5 11.6 17.4
183 11.4 8.8 13.2

Manual Integrations
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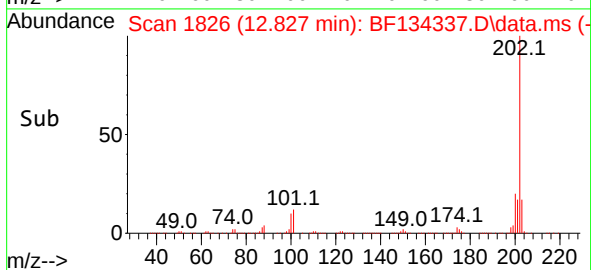
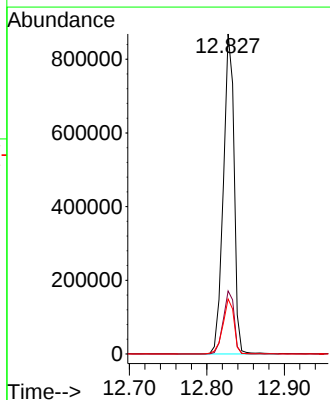
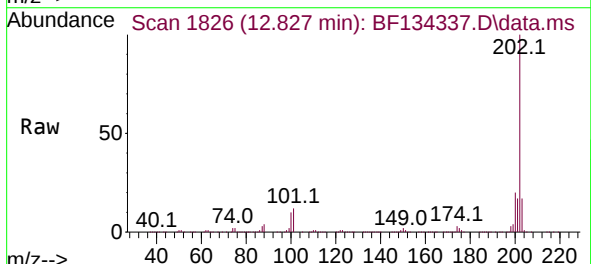
Reviewed By :Yogesh
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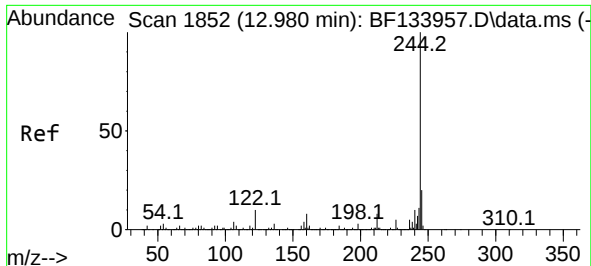
Supervised By :mohammad
ahmed
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#78
Pyrene
Concen: 32.349 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Tgt Ion:202 Resp: 835734
Ion Ratio Lower Upper
202 100
200 19.7 16.1 24.1
203 17.2 14.3 21.5





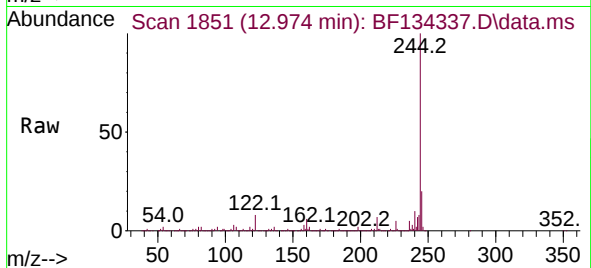
#79
Terphenyl-d14
Concen: 76.910 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS



Tgt Ion:244 Resp: 1326580
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 8.0 8.3 12.5

Manual Integrations
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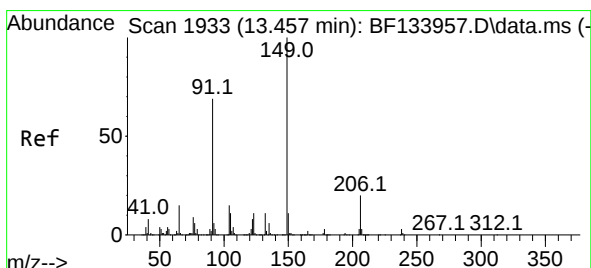
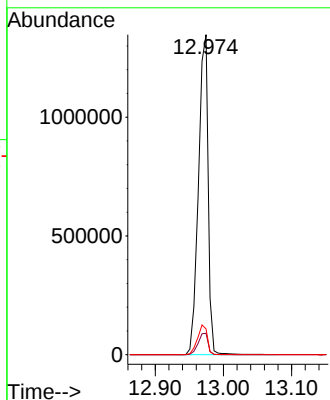
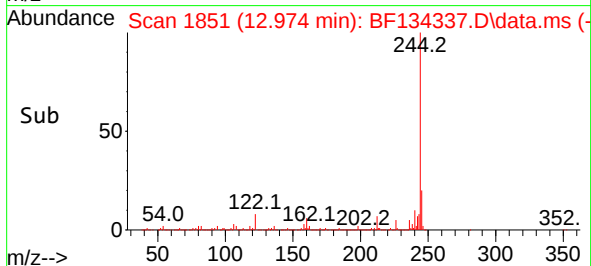
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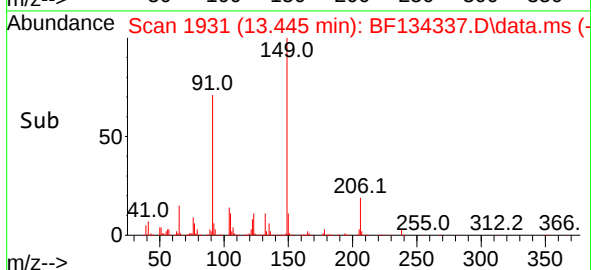
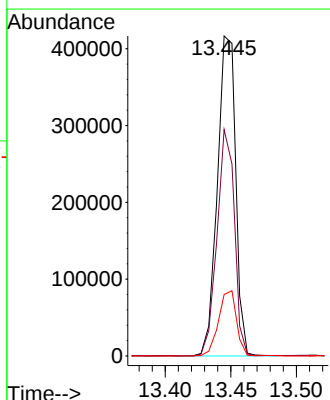
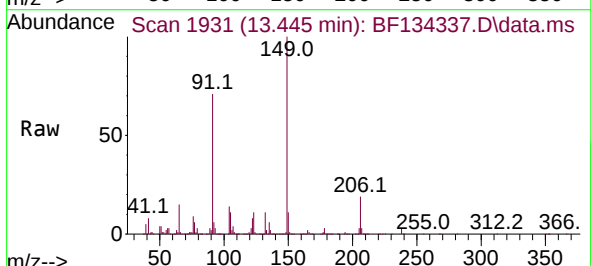
ahmed

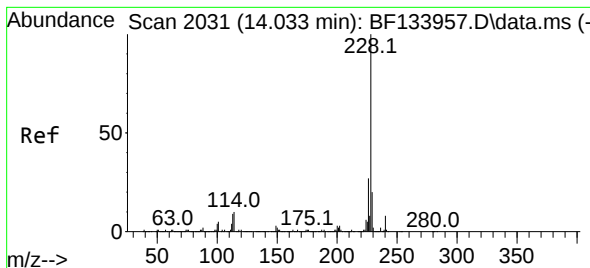
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#80
Butylbenzylphthalate
Concen: 41.765 ng
RT: 13.445 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Tgt Ion:149 Resp: 404675
Ion Ratio Lower Upper
149 100
91 70.8 55.1 82.7
206 19.2 15.7 23.5





#81

Benzo(a)anthracene

Concen: 42.339 ng

RT: 14.027 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF134337.D

Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS

Tgt Ion:228 Resp: 81513

Ion Ratio Lower Upper

228 100

226 27.6 22.0 33.0

229 19.3 16.3 24.5

Manual Integrations

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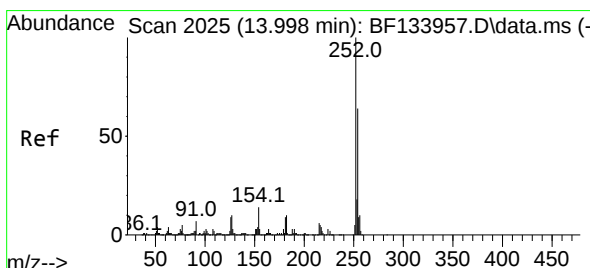
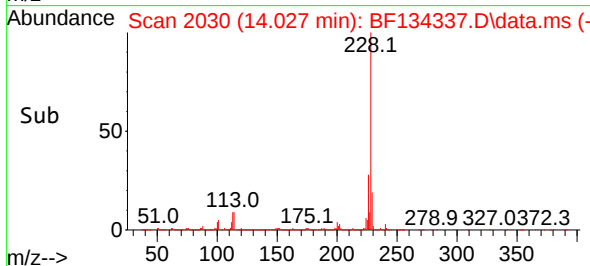
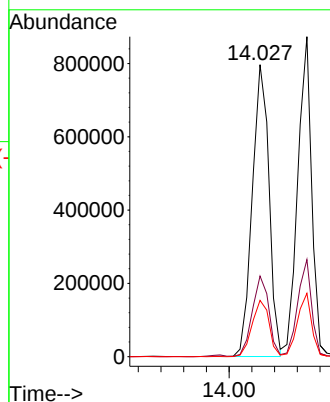
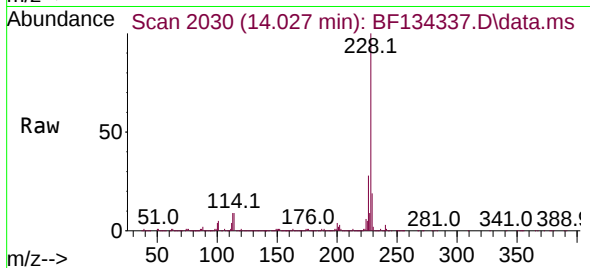
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#82

3,3'-Dichlorobenzidine

Concen: 32.702 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF134337.D

Acq: 18 Jul 2023 14:32

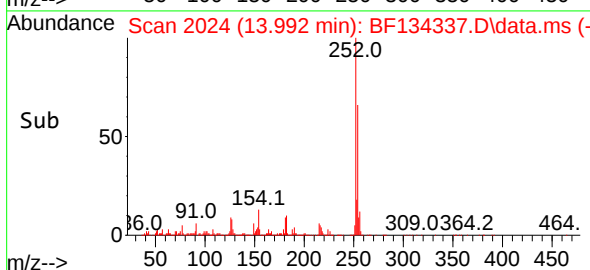
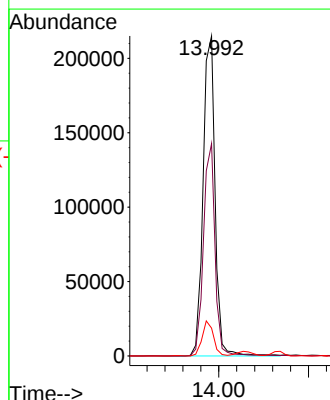
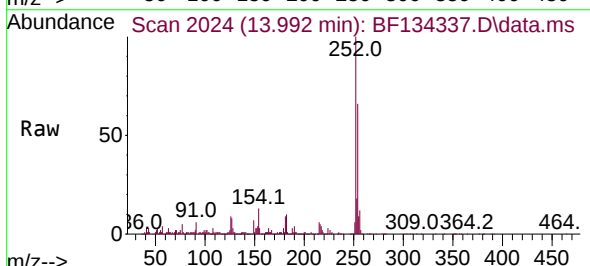
Tgt Ion:252 Resp: 199467

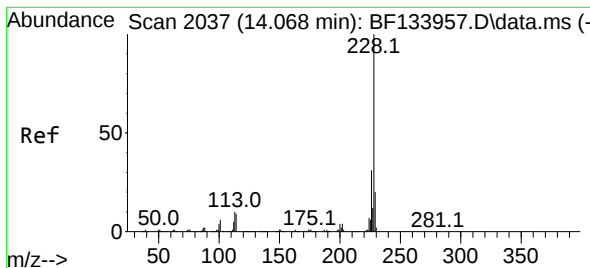
Ion Ratio Lower Upper

252 100

254 66.3 51.4 77.0

126 8.7 7.4 11.2





#83

Chrysene

Concen: 40.492 ng

RT: 14.068 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF134337.D

Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS

Tgt Ion:228 Resp: 755054

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	19.8	16.1	24.1

Manual Integrations

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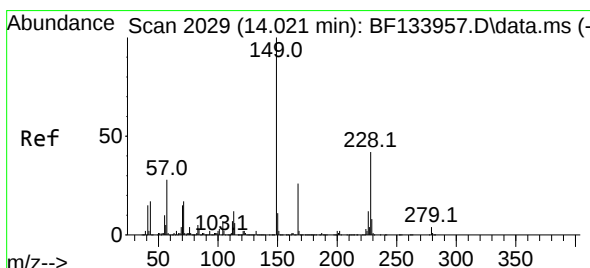
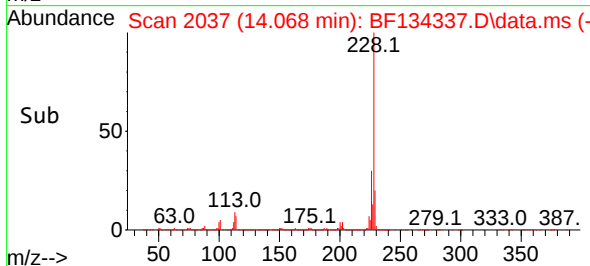
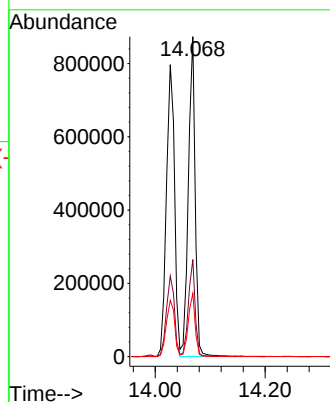
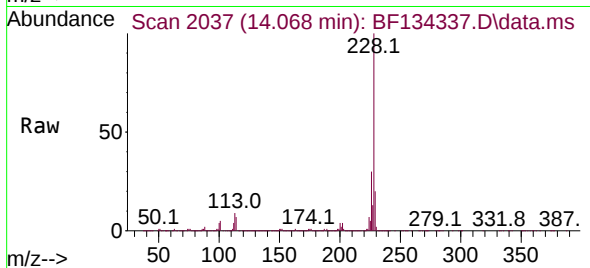
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#84

Bis(2-ethylhexyl)phthalate

Concen: 51.068 ng

RT: 14.010 min Scan# 2027

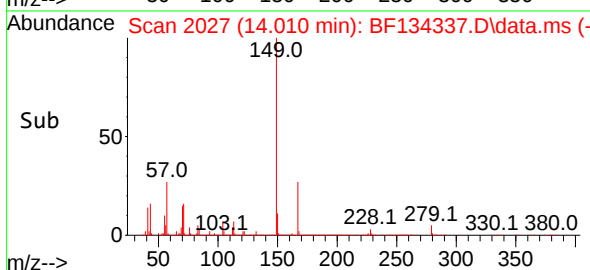
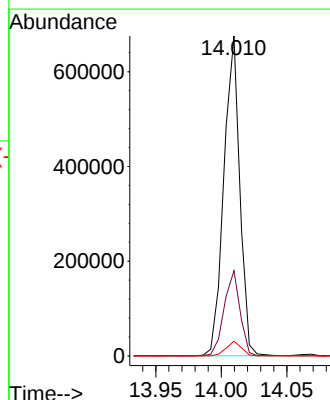
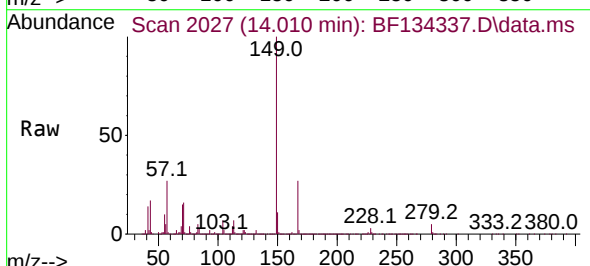
Delta R.T. -0.006 min

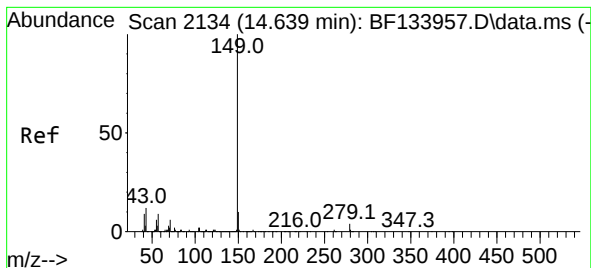
Lab File: BF134337.D

Acq: 18 Jul 2023 14:32

Tgt Ion:149 Resp: 568563

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.0	31.4
279	4.6	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 54.799 ng

RT: 14.627 min Scan# 2134

Delta R.T. -0.006 min

Lab File: BF134337.D

Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS

Tgt Ion:149 Resp: 89647

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.3	9.0	13.4

Manual Integrations

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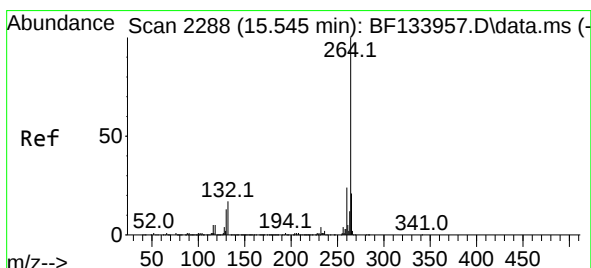
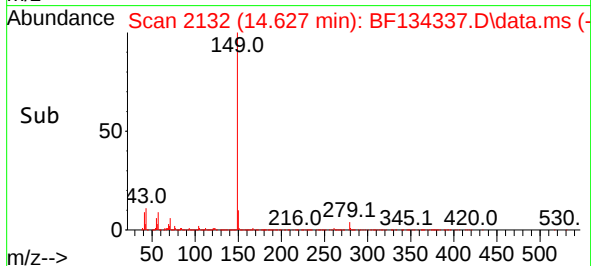
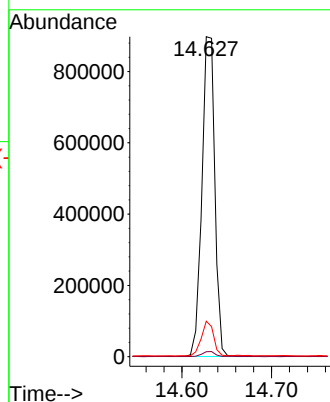
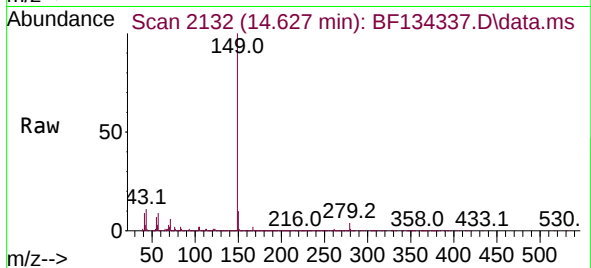
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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

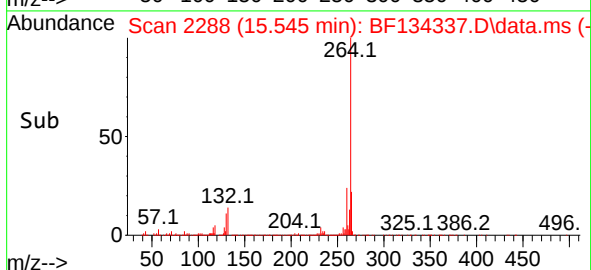
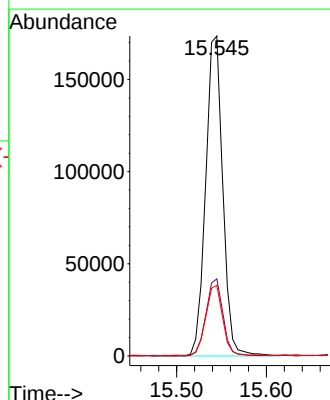
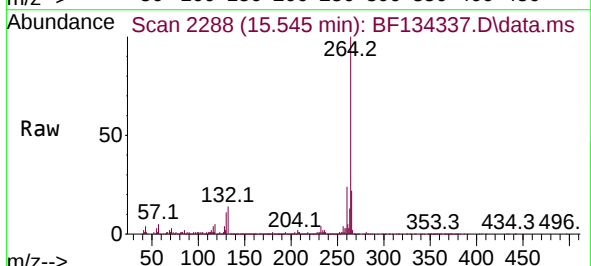
Delta R.T. 0.000 min

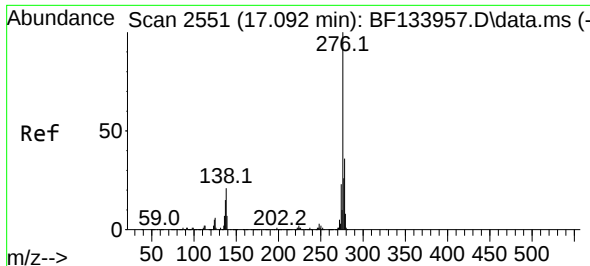
Lab File: BF134337.D

Acq: 18 Jul 2023 14:32

Tgt Ion:264 Resp: 230199

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.1	16.6	25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.549 ng
RT: 17.104 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

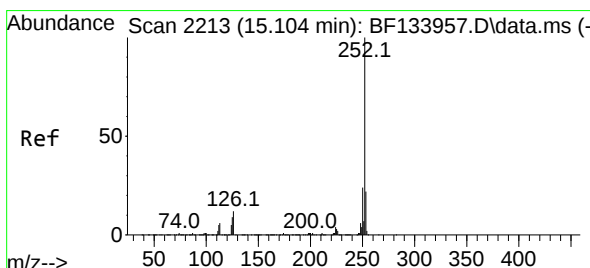
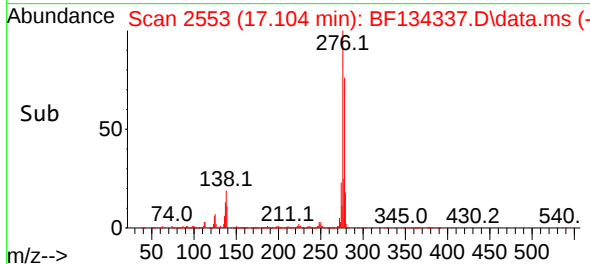
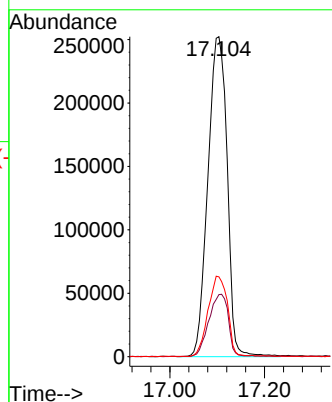
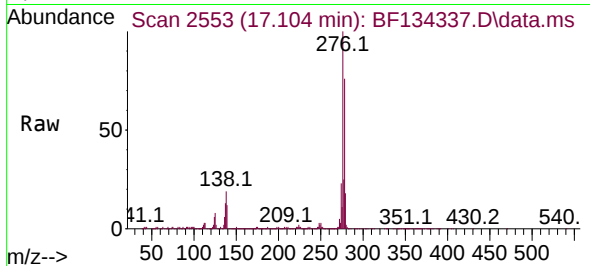
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Tgt Ion:276 Resp: 71160
Ion Ratio Lower Upper
276 100
138 19.6 18.7 28.1
277 25.2 19.9 29.9

Manual Integrations
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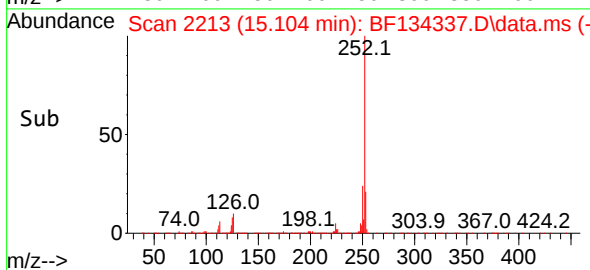
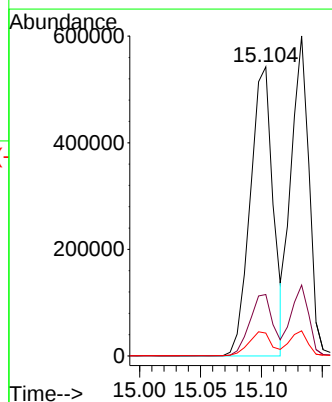
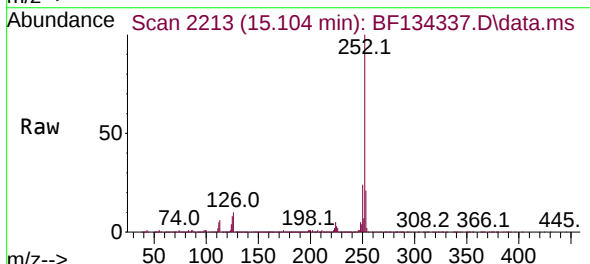
Reviewed By :Yogesh
Patel
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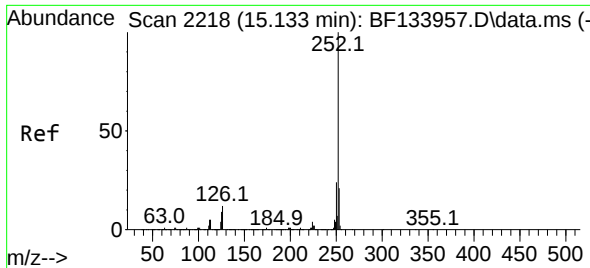
Supervised By :mohammad
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#88
Benzo(b)fluoranthene
Concen: 52.438 ng
RT: 15.104 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Tgt Ion:252 Resp: 709797
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 7.9 7.1 10.7





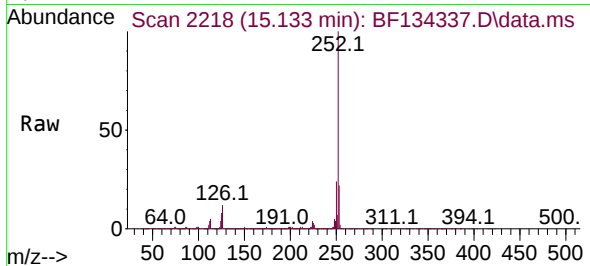
#89
Benzo(k)fluoranthene
Concen: 44.798 ng
RT: 15.133 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS

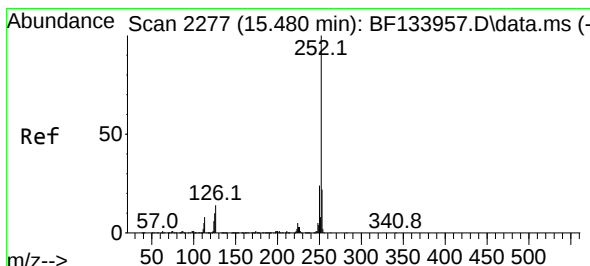
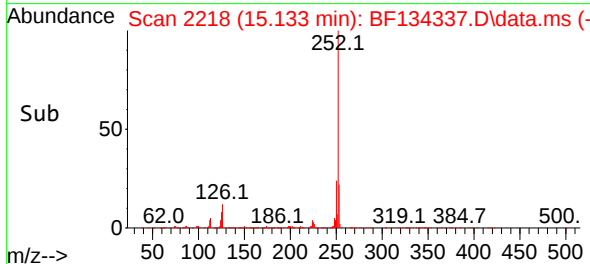
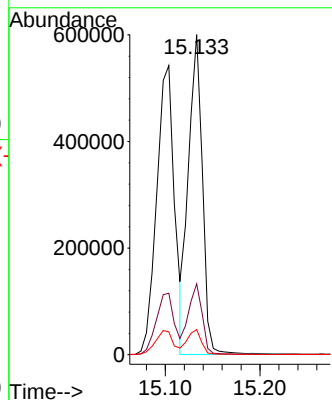


Tgt Ion:252 Resp: 61739
Ion Ratio Lower Upper
252 100
253 22.2 16.9 25.3
125 7.8 7.4 11.2

Manual Integrations
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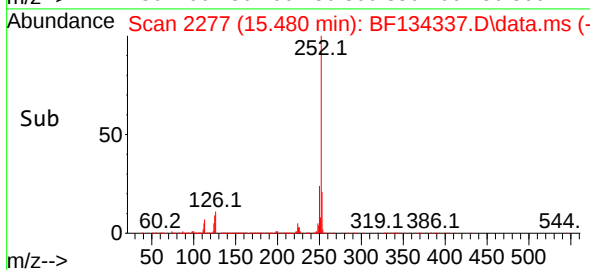
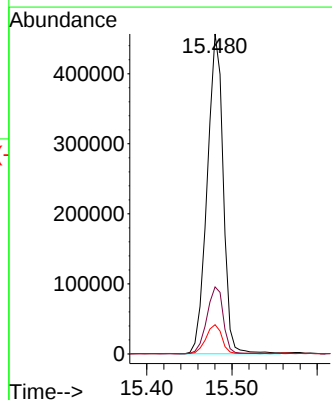
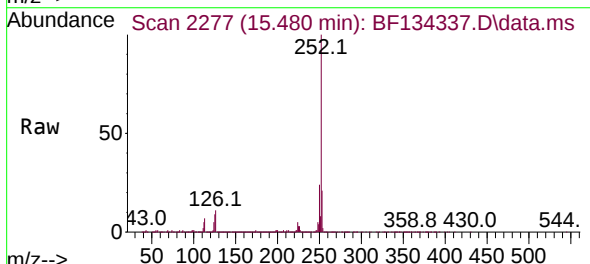
Reviewed By :Yogesh
Patel
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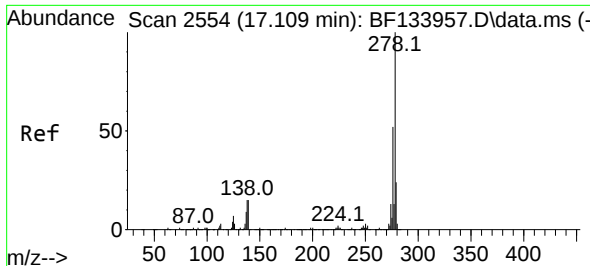
Supervised By :mohammad
ahmed
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#90
Benzo(a)pyrene
Concen: 45.580 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Tgt Ion:252 Resp: 596594
Ion Ratio Lower Upper
252 100
253 20.9 17.4 26.0
125 9.1 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 45.664 ng
RT: 17.115 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB154222BS

Tgt Ion:278 Resp: 595777
Ion Ratio Lower Upper
278 100
139 13.6 12.2 18.4
279 24.9 19.4 29.2

Manual Integrations
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Reviewed By :Yogesh

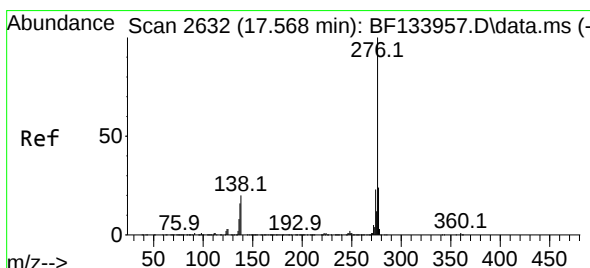
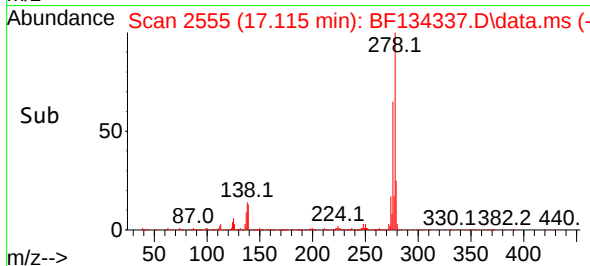
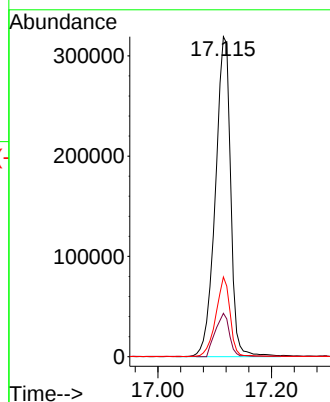
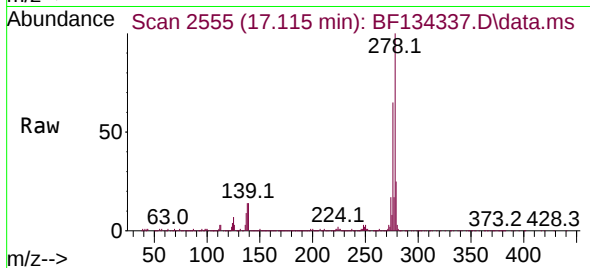
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#92
Benzo(g,h,i)perylene
Concen: 45.011 ng
RT: 17.574 min Scan# 2633
Delta R.T. 0.006 min
Lab File: BF134337.D
Acq: 18 Jul 2023 14:32

Tgt Ion:276 Resp: 605601
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 17.9 16.2 24.2

