

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
 Data File : BF130550.D
 Acq On : 06 Oct 2022 14:29
 Operator : CG\JU
 Sample : PB148113BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148113BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/07/2022
 Supervised By : Jagrut Upadhyay 10/10/2022

Quant Time: Oct 07 02:10:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	99515	20.000	ng	0.00
21) Naphthalene-d8	7.904	136	408959	20.000	ng	# 0.00
39) Acenaphthene-d10	9.651	164	220509	20.000	ng	0.00
64) Phenanthrene-d10	11.133	188	361040	20.000	ng	0.00
76) Chrysene-d12	13.763	240	171260	20.000	ng	0.00
86) Perylene-d12	15.145	264	180343	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	814721	141.999	ng	0.02
7) Phenol-d6	6.275	99	989950	137.896	ng	0.00
23) Nitrobenzene-d5	7.192	82	637882	79.686	ng	0.00
42) 2,4,6-Tribromophenol	10.445	330	299743	141.864	ng	0.00
45) 2-Fluorobiphenyl	8.981	172	1210434	79.934	ng	0.00
79) Terphenyl-d14	12.716	244	1055441	102.086	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.275	88	86158	32.697	ng	98
3) Pyridine	2.952	79	225585	32.818	ng	90
4) n-Nitrosodimethylamine	2.910	42	139842	37.406	ng	96
6) Aniline	6.287	93	367812	41.582	ng	# 27
8) 2-Chlorophenol	6.404	128	297877	45.576	ng	94
9) Benzaldehyde	6.169	77	172549	35.882	ng	92
10) Phenol	6.287	94	361934	43.021	ng	# 76
11) bis(2-Chloroethyl)ether	6.363	93	268368	44.225	ng	95
12) 1,3-Dichlorobenzene	6.557	146	314536	43.737	ng	98
13) 1,4-Dichlorobenzene	6.634	146	319434	43.557	ng	100
14) 1,2-Dichlorobenzene	6.787	146	303691	44.329	ng	97
15) Benzyl Alcohol	6.775	79	229220	40.271	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.898	45	349217	39.457	ng	# 48
17) 2-Methylphenol	6.892	107	242340	45.613	ng	95
18) Hexachloroethane	7.128	117	124100	42.930	ng	94
19) n-Nitroso-di-n-propyla...	7.045	70	202910	41.887	ng	95
20) 3+4-Methylphenols	7.045	107	301173	43.637	ng	# 71
22) Acetophenone	7.039	105	423323	42.339	ng	93
24) Nitrobenzene	7.210	77	310506	38.201	ng	96
25) Isophorone	7.451	82	551708	42.761	ng	98
26) 2-Nitrophenol	7.522	139	158088	47.445	ng	94
27) 2,4-Dimethylphenol	7.575	122	248767	48.489	ng	97
28) bis(2-Chloroethoxy)met...	7.663	93	330439	45.484	ng	98
29) 2,4-Dichlorophenol	7.769	162	240001	42.689	ng	97
30) 1,2,4-Trichlorobenzene	7.845	180	250591	41.227	ng	96
31) Naphthalene	7.928	128	849475	40.319	ng	99
32) Benzoic acid	7.728	122	133545	33.660	ng	93
33) 4-Chloroaniline	7.981	127	280384	34.990	ng	98
34) Hexachlorobutadiene	8.039	225	160049	41.201	ng	99
35) Caprolactam	8.363	113	74886m	46.463	ng	
36) 4-Chloro-3-methylphenol	8.475	107	265895	42.669	ng	98
37) 2-Methylnaphthalene	8.616	142	550111	40.951	ng	99
38) 1-Methylnaphthalene	8.716	142	524331	40.631	ng	99
40) 1,2,4,5-Tetrachloroben...	8.781	216	253693	42.157	ng	99
41) Hexachlorocyclopentadiene	8.763	237	258223	80.147	ng	98
43) 2,4,6-Trichlorophenol	8.898	196	162144	38.607	ng	94

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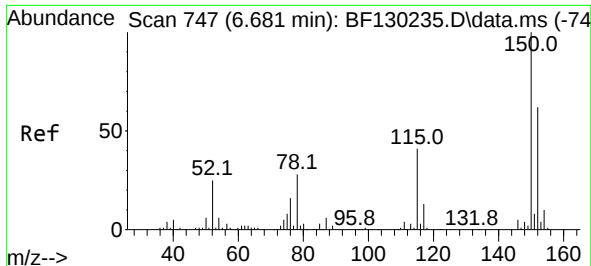
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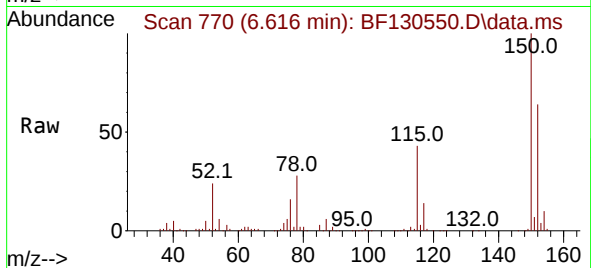
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.945	196	173572	38.298	ng	95
46) 1,1'-Biphenyl	9.081	154	676530	41.080	ng	99
47) 2-Chloronaphthalene	9.104	162	528147	39.645	ng	97
48) 2-Nitroaniline	9.210	65	166384	37.446	ng	92
49) Acenaphthylene	9.516	152	783007	39.201	ng	100
50) Dimethylphthalate	9.392	163	617244	40.523	ng	99
51) 2,6-Dinitrotoluene	9.451	165	135335	42.484	ng	90
52) Acenaphthene	9.686	154	563253m	42.918	ng	
53) 3-Nitroaniline	9.622	138	113424	31.954	ng	91
54) 2,4-Dinitrophenol	9.733	184	126258	73.606	ng	# 87
55) Dibenzofuran	9.857	168	720413	39.465	ng	100
56) 4-Nitrophenol	9.798	139	170262	65.856	ng	91
57) 2,4-Dinitrotoluene	9.857	165	175686	43.153	ng	95
58) Fluorene	10.198	166	590617	39.562	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.980	232	136202	38.395	ng	93
60) Diethylphthalate	10.086	149	598704	39.196	ng	99
61) 4-Chlorophenyl-phenyle...	10.198	204	274709	41.947	ng	92
62) 4-Nitroaniline	10.239	138	134226m	37.642	ng	
63) Azobenzene	10.357	77	562945	35.792	ng	94
65) 4,6-Dinitro-2-methylph...	10.263	198	86986	43.281	ng	93
66) n-Nitrosodiphenylamine	10.322	169	499876	41.432	ng	99
67) 4-Bromophenyl-phenylether	10.680	248	173599	43.587	ng	96
68) Hexachlorobenzene	10.745	284	195079	43.208	ng	98
69) Atrazine	10.851	200	159704	45.296	ng	96
70) Pentachlorophenol	10.945	266	162165	66.926	ng	100
71) Phenanthrene	11.157	178	802980	39.614	ng	99
72) Anthracene	11.210	178	795502	40.667	ng	100
73) Carbazole	11.369	167	696214	39.437	ng	99
74) Di-n-butylphthalate	11.704	149	830173	38.996	ng	99
75) Fluoranthene	12.339	202	728032	37.169	ng	99
77) Benzidine	12.474	184	355842	71.576	ng	98
78) Pyrene	12.569	202	695809	46.443	ng	99
80) Butylbenzylphthalate	13.192	149	233995	42.160	ng	99
81) Benzo(a)anthracene	13.751	228	470288	41.279	ng	99
82) 3,3'-Dichlorobenzidine	13.721	252	134774	43.457	ng	96
83) Chrysene	13.792	228	442647	40.919	ng	98
84) Bis(2-ethylhexyl)phtha...	13.751	149	272296	42.831	ng	99
85) Di-n-octyl phthalate	14.363	149	453491	46.638	ng	96
87) Indeno(1,2,3-cd)pyrene	16.462	276	595649	46.576	ng	98
88) Benzo(b)fluoranthene	14.763	252	490366	41.659	ng	98
89) Benzo(k)fluoranthene	14.792	252	461652m	39.870	ng	
90) Benzo(a)pyrene	15.092	252	434948	46.641	ng	98
91) Dibenzo(a,h)anthracene	16.474	278	514609	49.051	ng	97
92) Benzo(g,h,i)perylene	16.857	276	514267	48.661	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.616 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

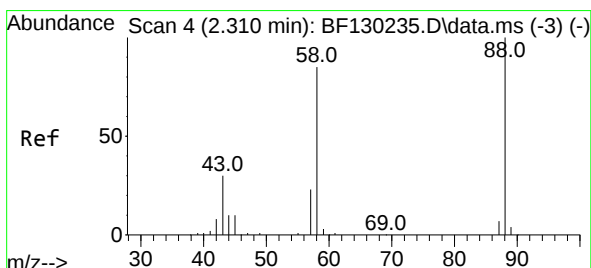
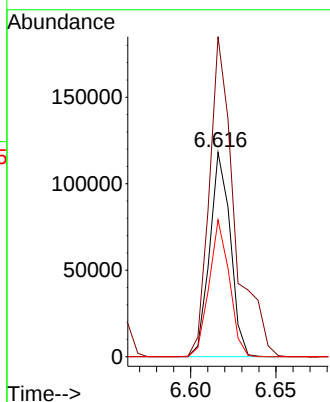
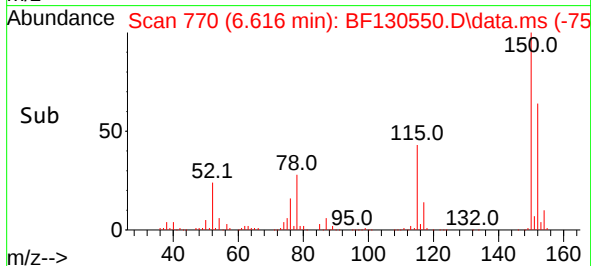
Instrument :
BNA_F
ClientSampleId :
PB148113BS



Tgt Ion:152 Resp: 9951
Ion Ratio Lower Upper
152 100
150 156.6 122.8 184.2
115 67.0 53.8 80.8

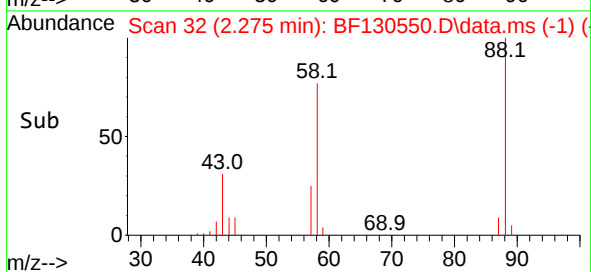
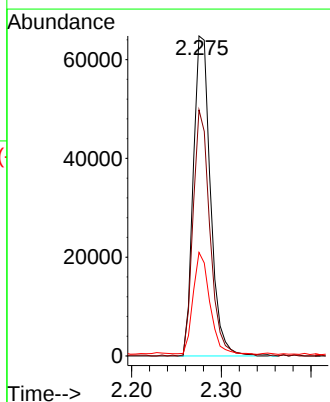
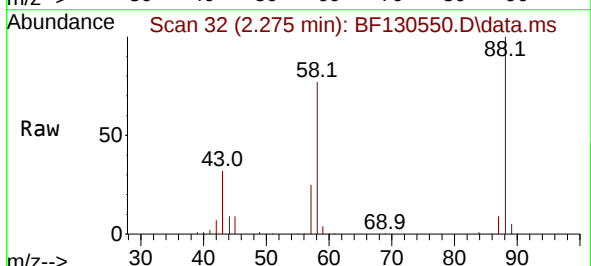
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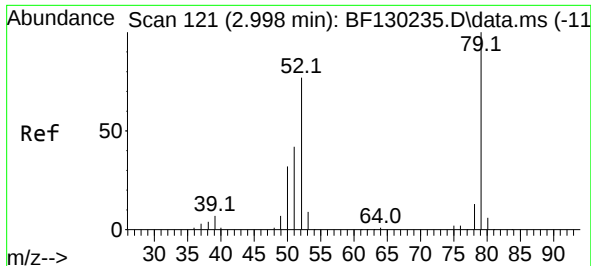
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#2
1,4-Dioxane
Concen: 32.697 ng
RT: 2.275 min Scan# 32
Delta R.T. 0.082 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

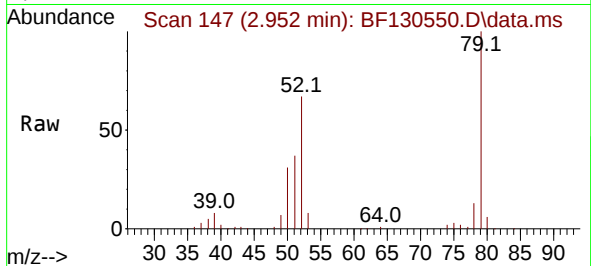
Tgt Ion: 88 Resp: 86158
Ion Ratio Lower Upper
88 100
58 75.3 61.3 91.9
43 31.1 23.0 34.6





#3
Pyridine
Concen: 32.818 ng
RT: 2.952 min Scan# 14
Delta R.T. 0.094 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

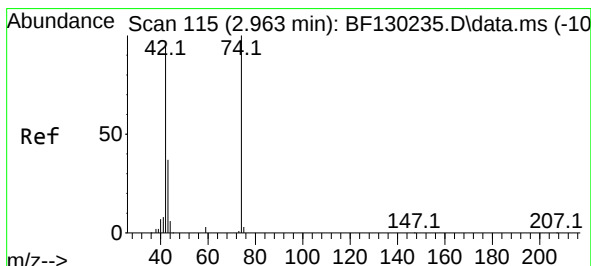
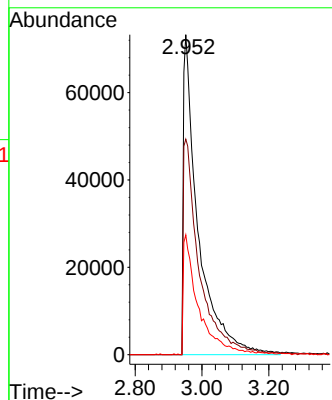
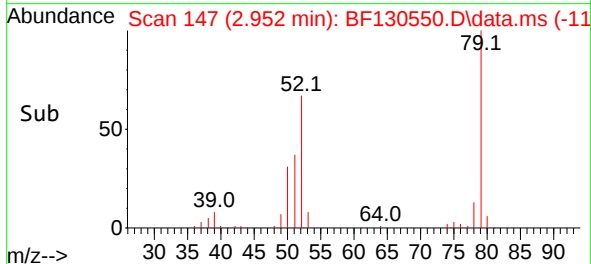
Instrument :
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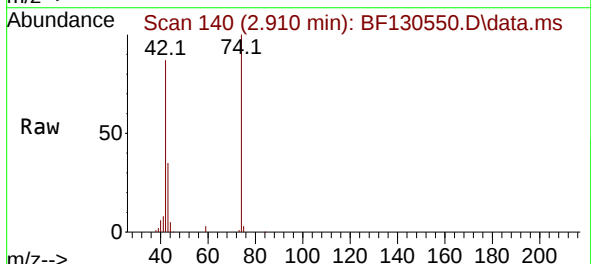
Tgt Ion: 79 Resp: 22558
Ion Ratio Lower Upper
79 100
52 67.4 62.4 93.6
51 37.4 32.2 48.4

Manual Integrations
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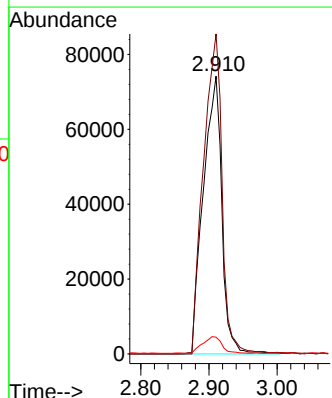
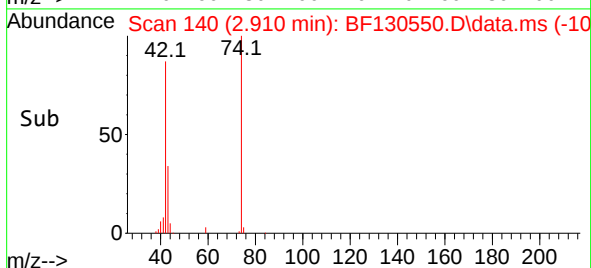
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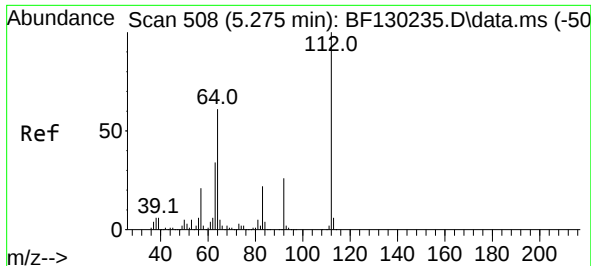


#4
n-Nitrosodimethylamine
Concen: 37.406 ng
RT: 2.910 min Scan# 140
Delta R.T. 0.082 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29



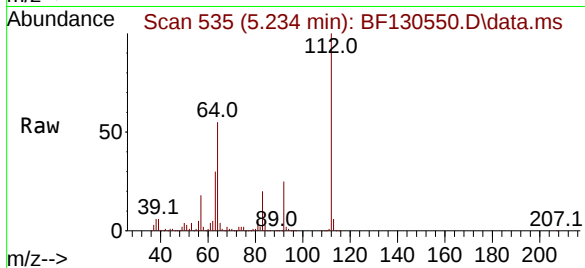
Tgt Ion: 42 Resp: 139842
Ion Ratio Lower Upper
42 100
74 115.2 88.4 132.6
44 6.1 5.0 7.4





#5
2-Fluorophenol
Concen: 141.999 ng
RT: 5.234 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

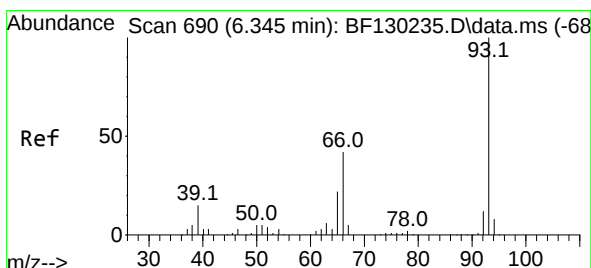
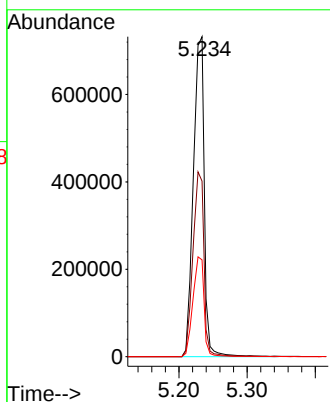
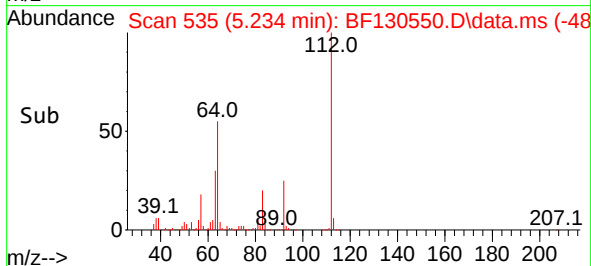
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Tgt Ion:112 Resp: 81472
Ion Ratio Lower Upper
112 100
64 54.9 51.4 77.0
63 30.3 28.8 43.2

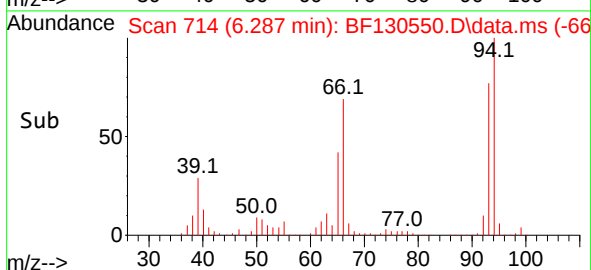
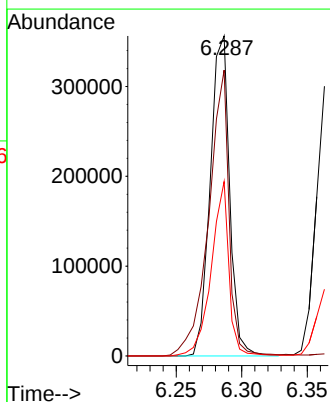
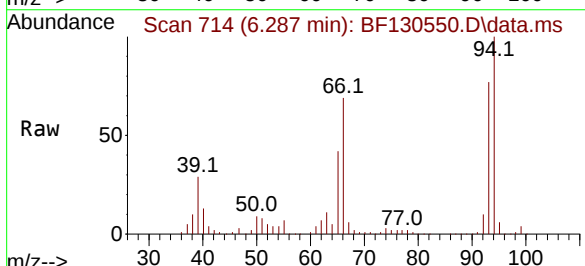
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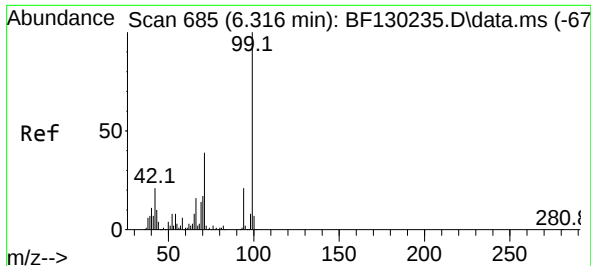
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#6
Aniline
Concen: 41.582 ng
RT: 6.287 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

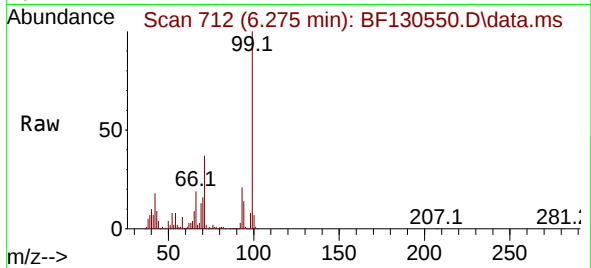
Tgt Ion: 93 Resp: 367812
Ion Ratio Lower Upper
93 100
66 89.3 34.2 51.4#
65 54.5 16.6 24.8#





#7
Phenol-d6
Concen: 137.896 ng
RT: 6.275 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

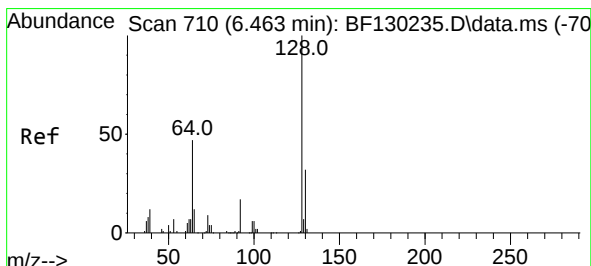
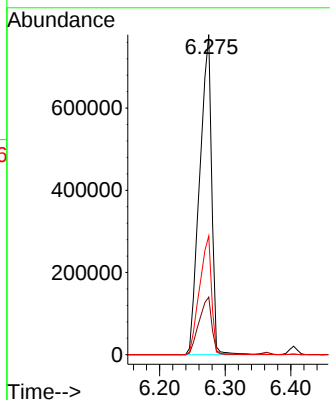
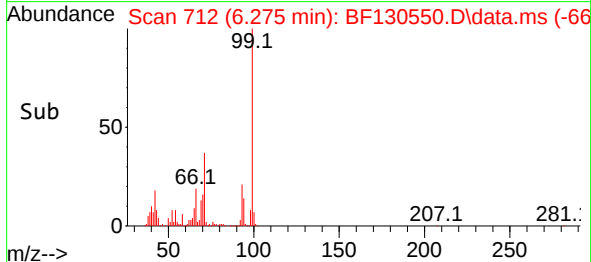
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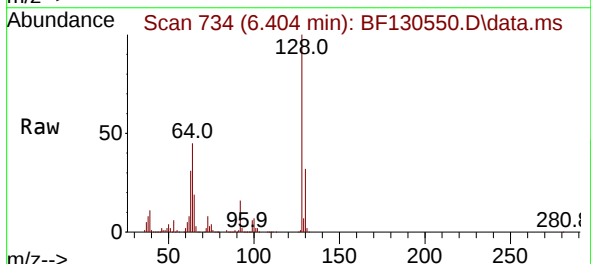
Tgt Ion: 99 Resp: 989950
Ion Ratio Lower Upper
99 100
42 18.0 17.0 25.6
71 37.1 32.3 48.5

Manual Integrations
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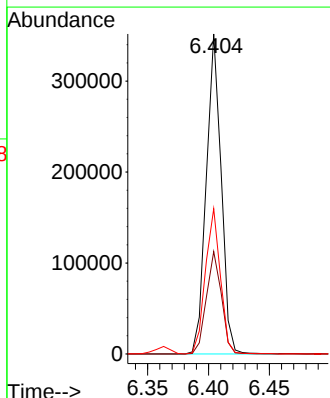
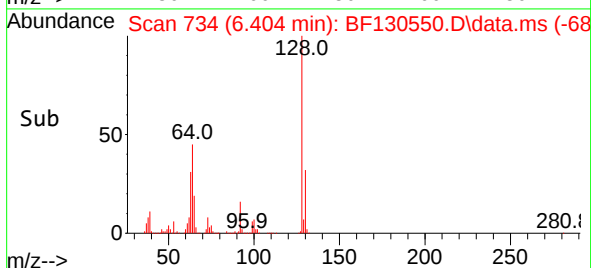
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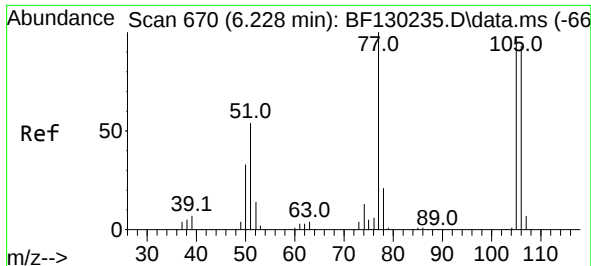


#8
2-Chlorophenol
Concen: 45.576 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29



Tgt Ion:128 Resp: 297877
Ion Ratio Lower Upper
128 100
130 32.0 12.4 52.4
64 45.4 31.6 71.6





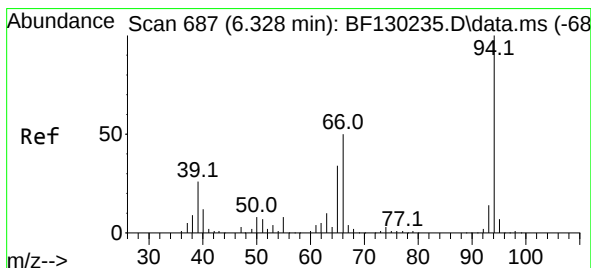
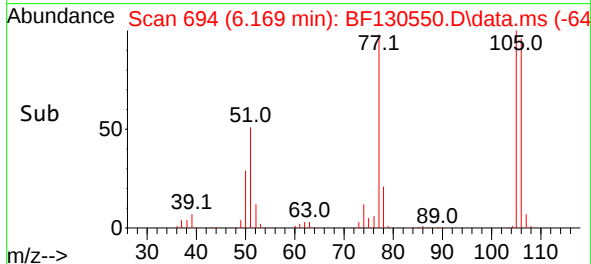
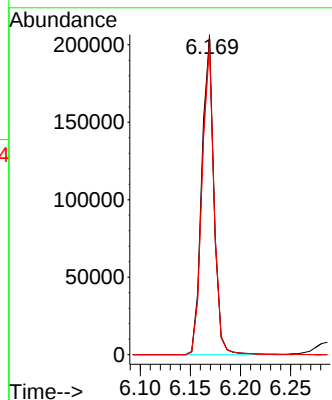
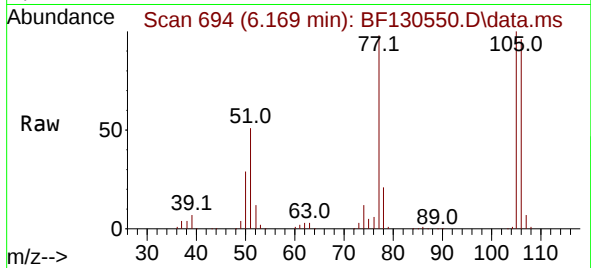
#9
Benzaldehyde
Concen: 35.882 ng
RT: 6.169 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

Instrument :
BNA_F
ClientSampleId :
PB148113BS

Tgt Ion: 77 Resp: 172549
Ion Ratio Lower Upper
77 100
105 101.8 75.1 115.1
106 97.9 69.7 109.7

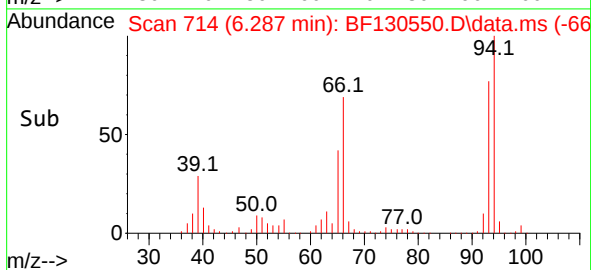
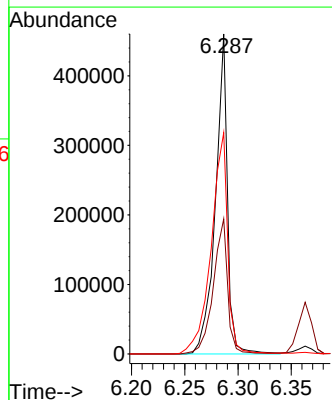
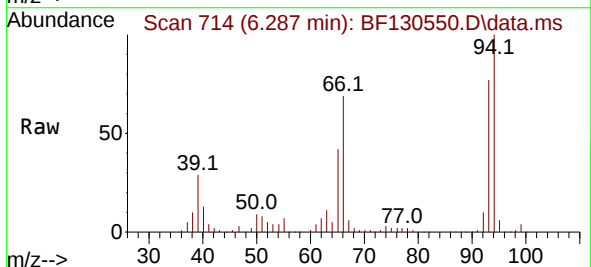
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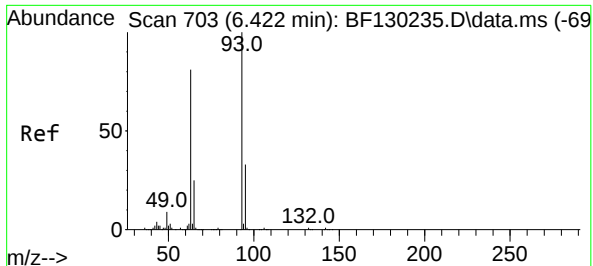
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#10
Phenol
Concen: 43.021 ng
RT: 6.287 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

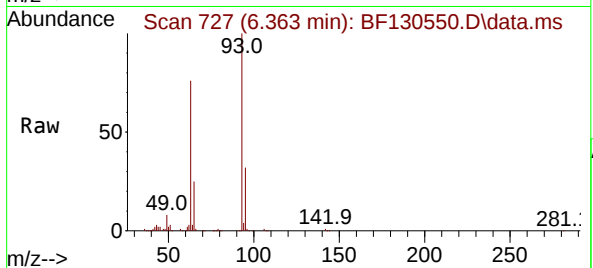
Tgt Ion: 94 Resp: 361934
Ion Ratio Lower Upper
94 100
65 42.2 14.1 54.1
66 69.2 28.1 68.1#





#11
bis(2-Chloroethyl)ether
Concen: 44.225 ng
RT: 6.363 min Scan# 703
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

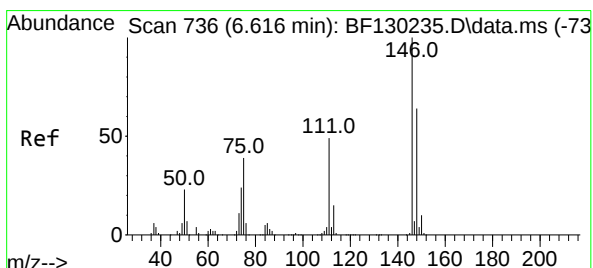
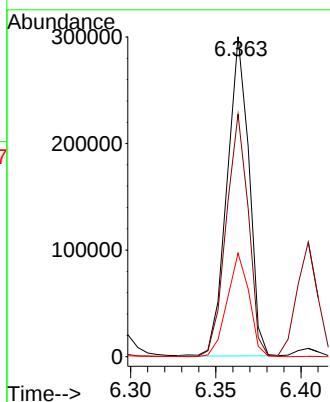
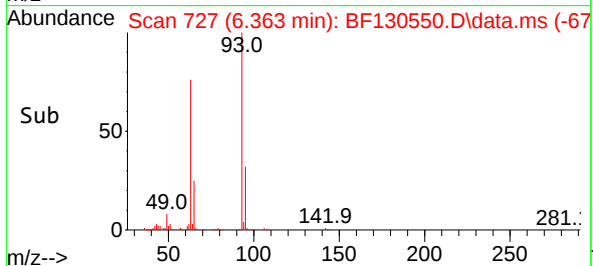
Instrument :
BNA_F
ClientSampleId :
PB148113BS



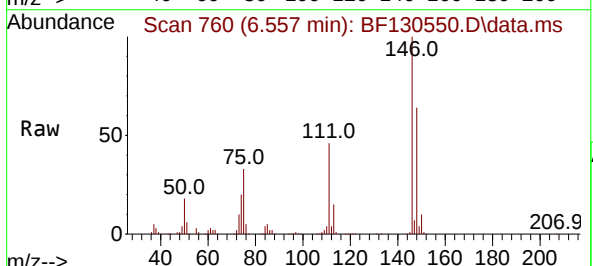
Tgt Ion: 93 Resp: 26836
Ion Ratio Lower Upper
93 100
63 75.8 62.5 102.5
95 32.4 12.5 52.5

Manual Integrations
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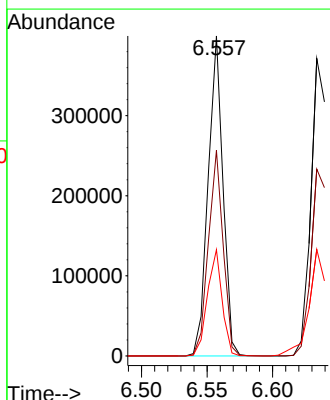
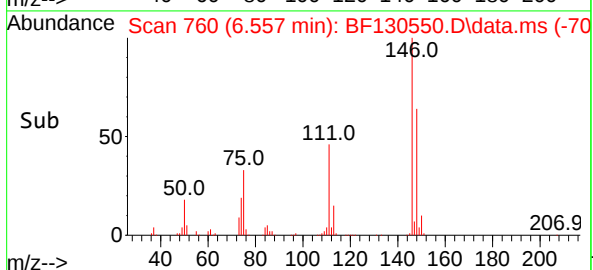
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

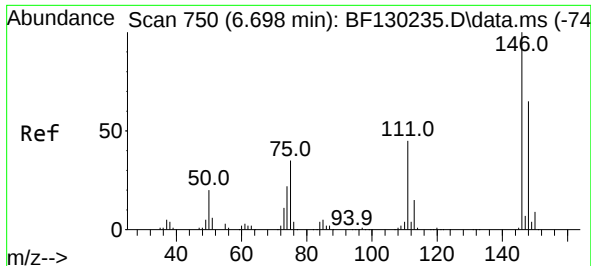


#12
1,3-Dichlorobenzene
Concen: 43.737 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29



Tgt Ion:146 Resp: 314536
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
75 33.2 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 43.557 ng

RT: 6.634 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF130550.D

Acq: 06 Oct 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB148113BS

Tgt Ion:146 Resp: 319434

Ion Ratio Lower Upper

146 100

148 62.8 50.3 75.5

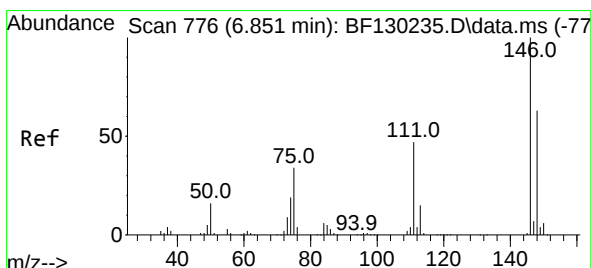
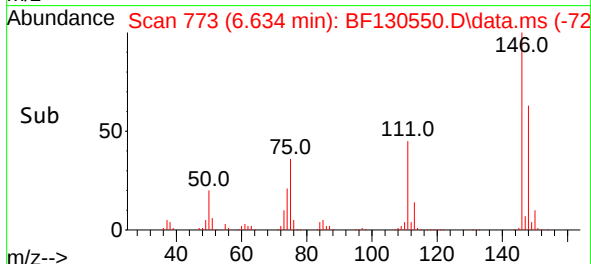
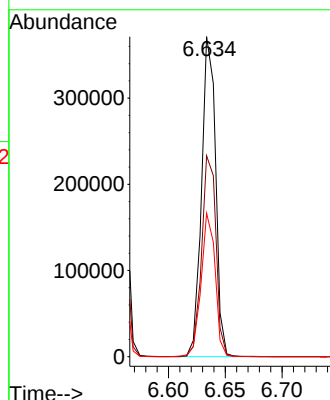
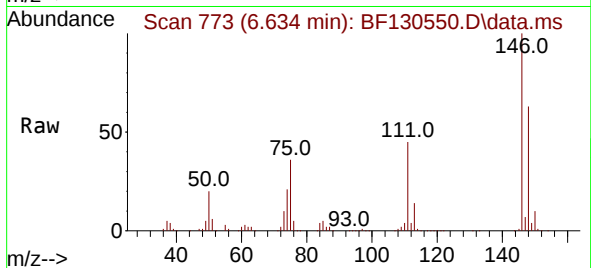
111 44.8 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/07/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#14

1,2-Dichlorobenzene

Concen: 44.329 ng

RT: 6.787 min Scan# 799

Delta R.T. -0.000 min

Lab File: BF130550.D

Acq: 06 Oct 2022 14:29

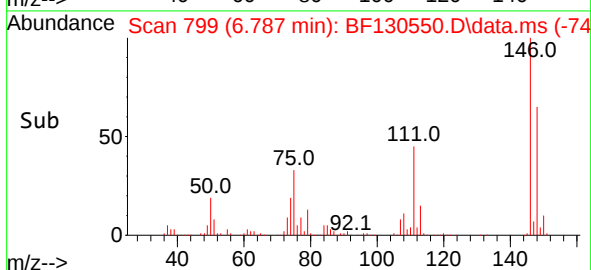
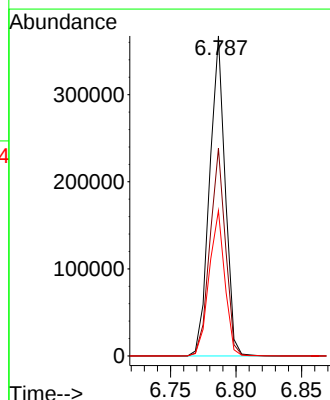
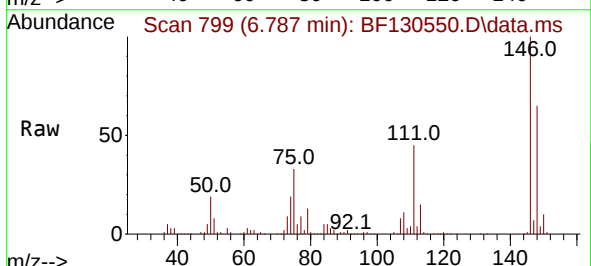
Tgt Ion:146 Resp: 303691

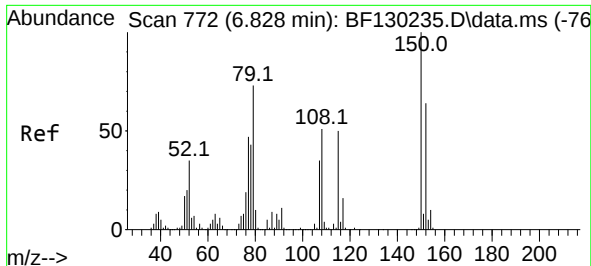
Ion Ratio Lower Upper

146 100

148 64.9 51.6 77.4

111 45.4 39.2 58.8





#15

Benzyl Alcohol

Concen: 40.271 ng

RT: 6.775 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF130550.D

Acq: 06 Oct 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB148113BS

Tgt Ion: 79 Resp: 229220

Ion Ratio Lower Upper

79 100

108 73.3 54.0 81.0

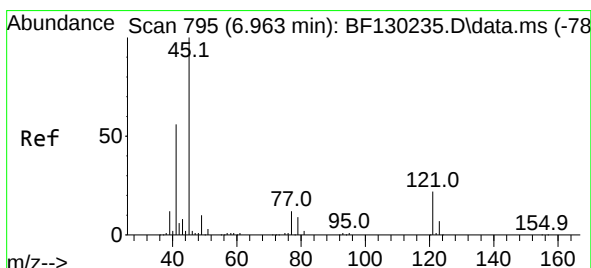
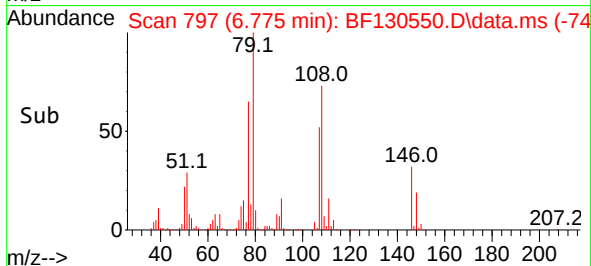
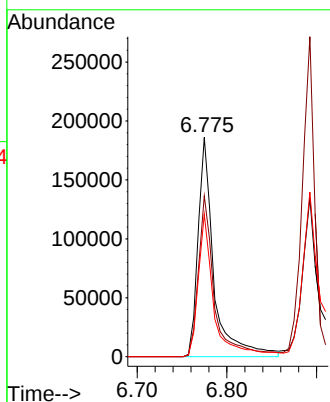
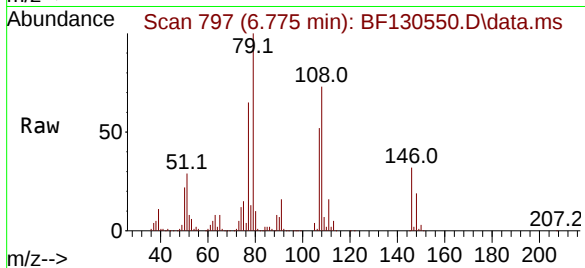
77 65.0 51.3 76.9

Manual Integrations

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Reviewed By :Christian Giraldo 10/07/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.457 ng

RT: 6.898 min Scan# 818

Delta R.T. -0.000 min

Lab File: BF130550.D

Acq: 06 Oct 2022 14:29

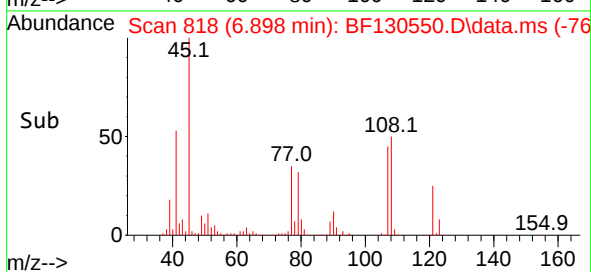
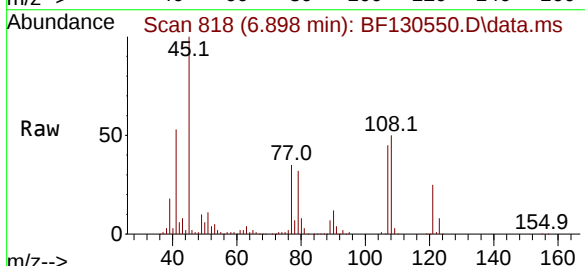
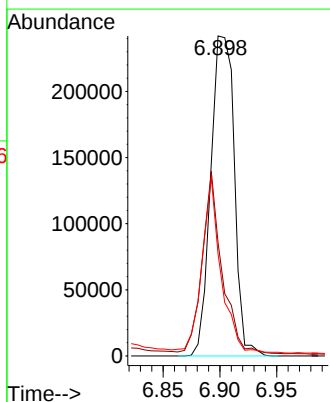
Tgt Ion: 45 Resp: 349217

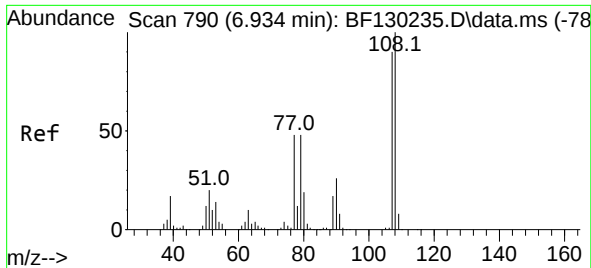
Ion Ratio Lower Upper

45 100

77 35.5 0.0 34.9#

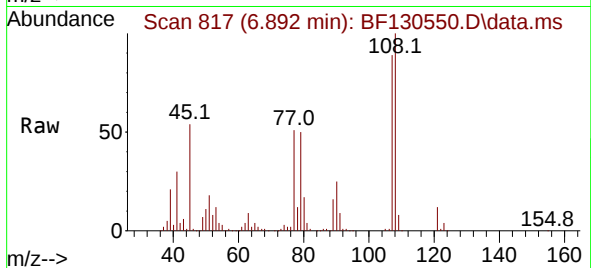
79 31.9 0.0 31.0#





#17
2-Methylphenol
Concen: 45.613 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

Instrument :
BNA_F
ClientSampleId :
PB148113BS

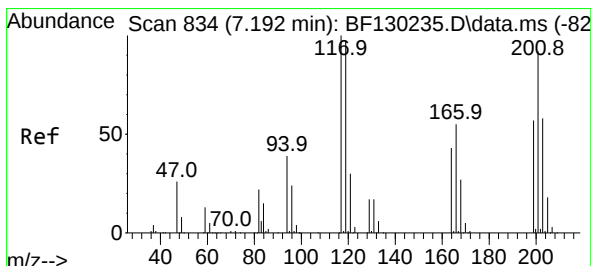
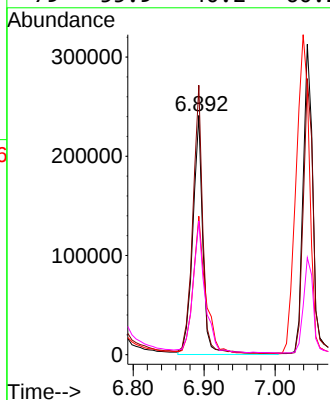
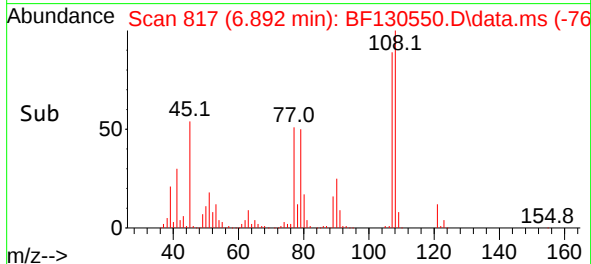


Tgt Ion:107 Resp: 242340

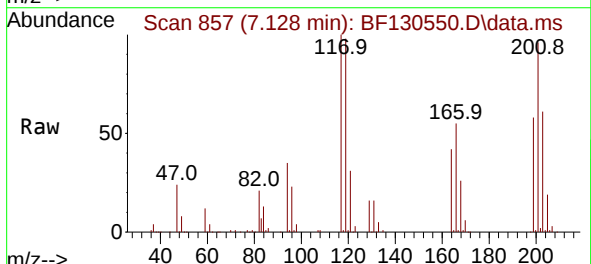
Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.4	134.0
77	57.9	40.6	60.8
79	55.9	40.2	60.2

Manual Integrations
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Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

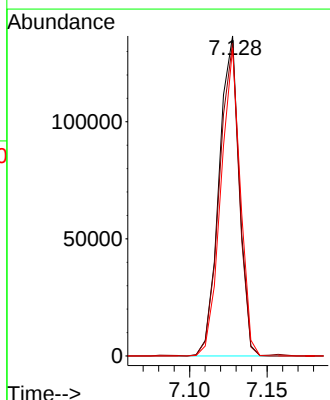
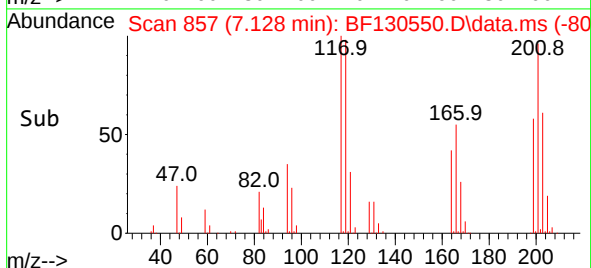


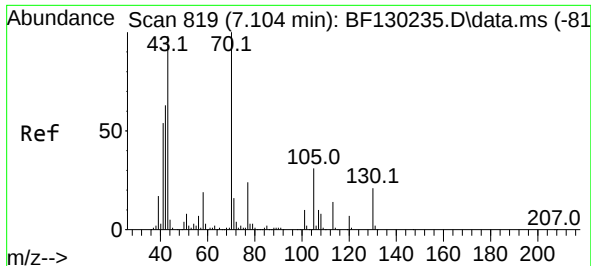
#18
Hexachloroethane
Concen: 42.930 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29



Tgt Ion:117 Resp: 124100

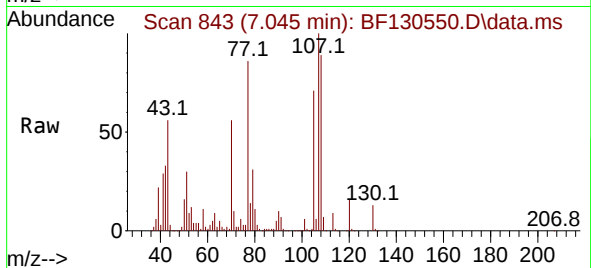
Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.8	116.6
201	96.3	68.7	103.1





#19
n-Nitroso-di-n-propylamine
Concen: 41.887 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

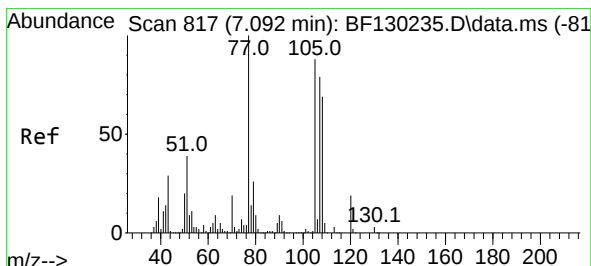
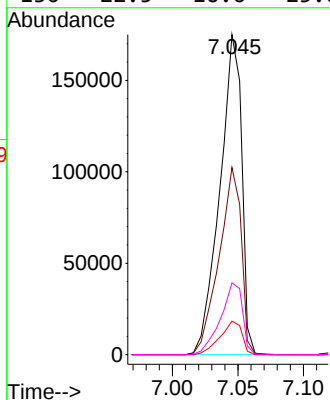
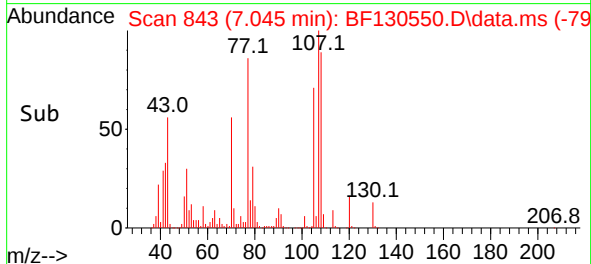
Instrument :
BNA_F
ClientSampleId :
PB148113BS



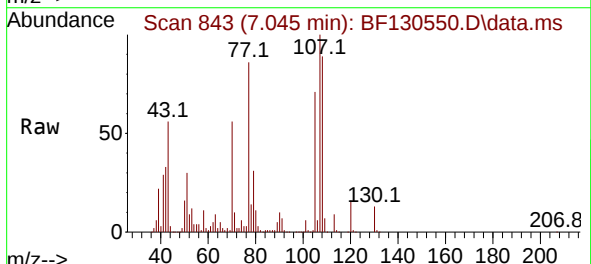
Tgt Ion: 70 Resp: 202910
Ion Ratio Lower Upper
70 100
42 58.5 50.8 76.2
101 10.5 8.2 12.4
130 22.5 16.6 25.0

Manual Integrations
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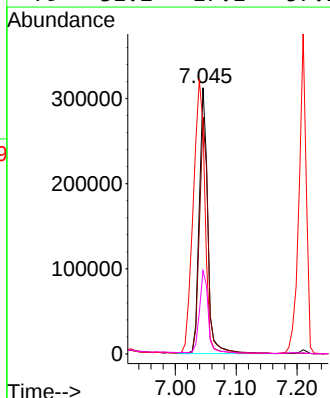
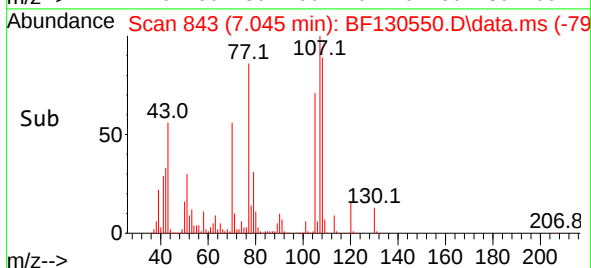
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

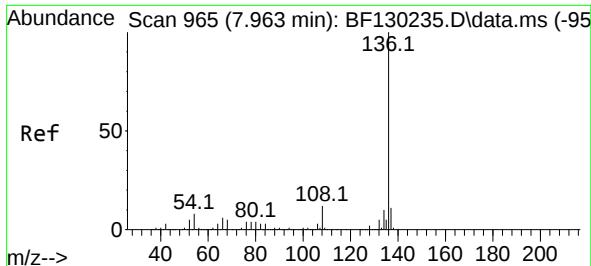


#20
3+4-Methylphenols
Concen: 43.637 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29



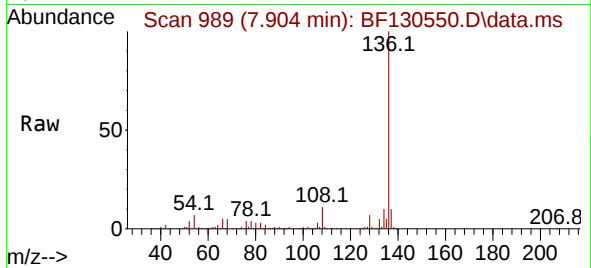
Tgt Ion:107 Resp: 301173
Ion Ratio Lower Upper
107 100
108 88.9 74.8 114.8
77 86.1 125.8 165.8#
79 31.2 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.904 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

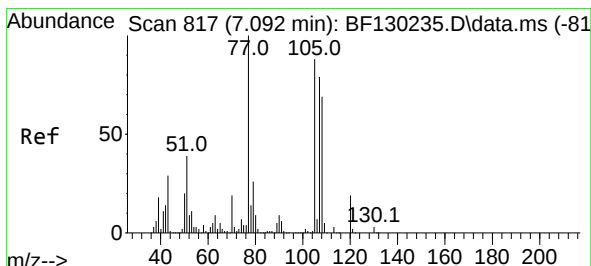
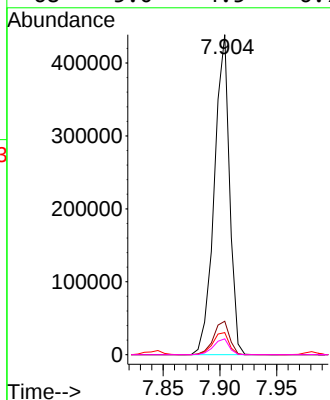
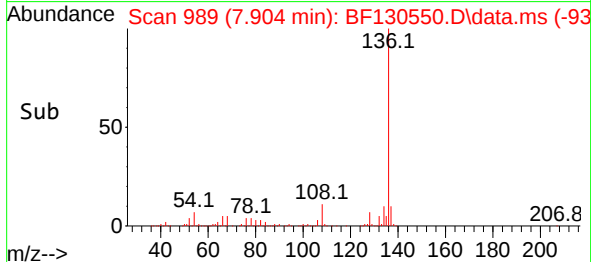
Instrument :
BNA_F
ClientSampleId :
PB148113BS



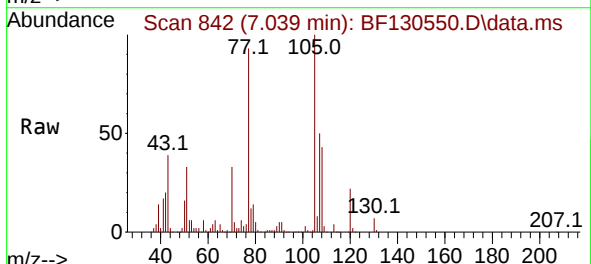
Tgt Ion:136 Resp: 40895
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 6.9 7.1 10.7
68 5.0 4.5 6.7

Manual Integrations
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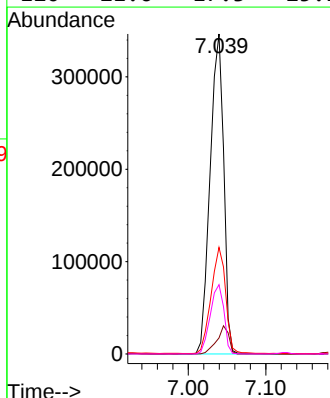
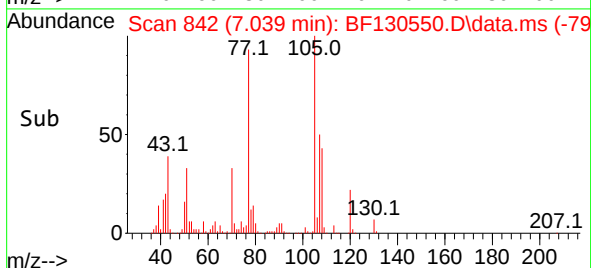
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

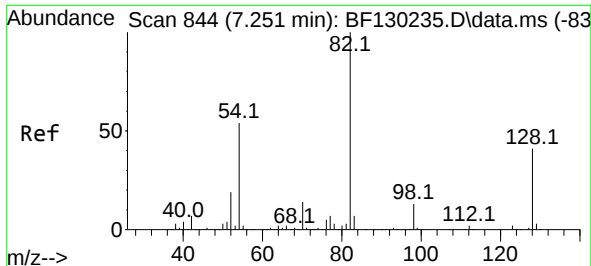


#22
Acetophenone
Concen: 42.339 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29



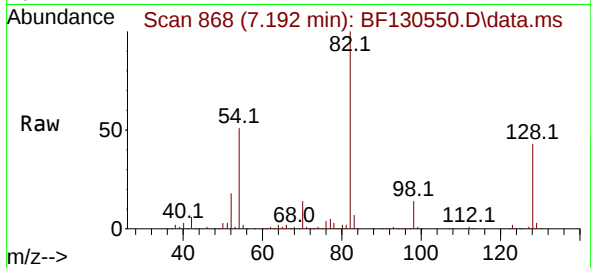
Tgt Ion:105 Resp: 423323
Ion Ratio Lower Upper
105 100
71 5.0 3.9 5.9
51 33.3 32.2 48.2
120 21.6 17.3 25.9





#23
Nitrobenzene-d5
Concen: 79.686 ng
RT: 7.192 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

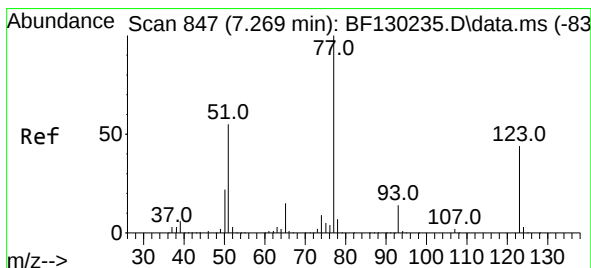
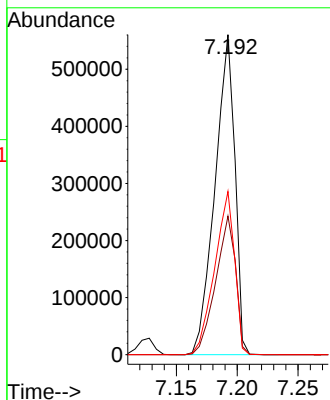
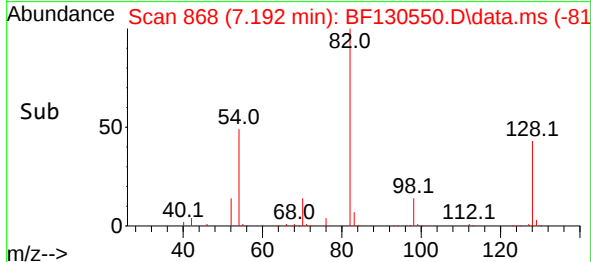
Instrument :
BNA_F
ClientSampleId :
PB148113BS



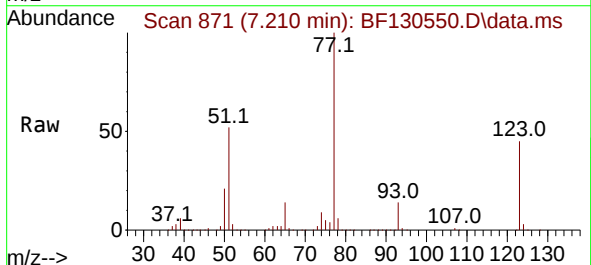
Tgt Ion: 82 Resp: 63788
Ion Ratio Lower Upper
82 100
128 43.3 32.6 49.0
54 51.0 43.8 65.6

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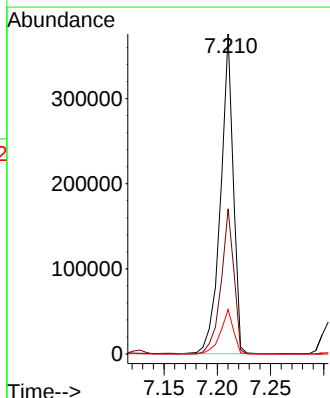
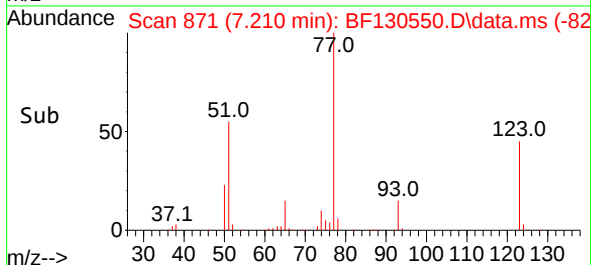
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

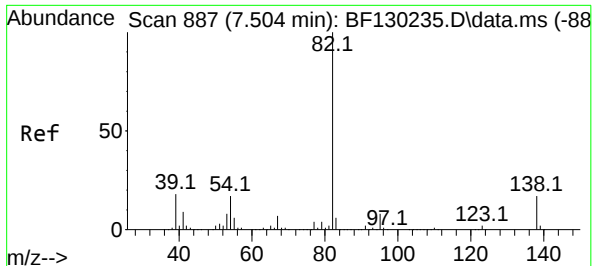


#24
Nitrobenzene
Concen: 38.201 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29



Tgt Ion: 77 Resp: 310506
Ion Ratio Lower Upper
77 100
123 45.4 34.3 51.5
65 13.9 12.0 18.0





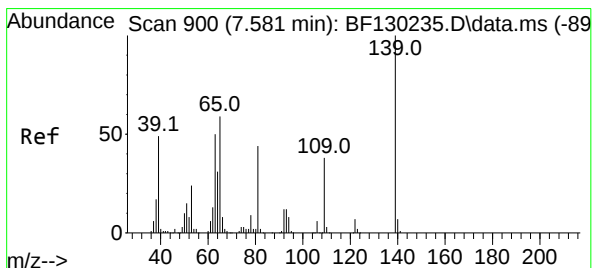
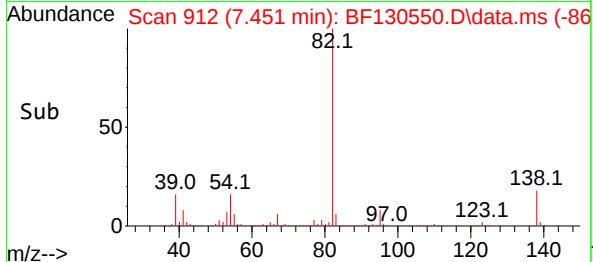
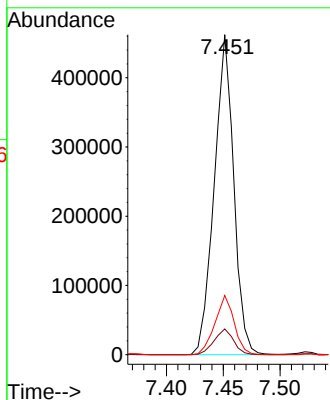
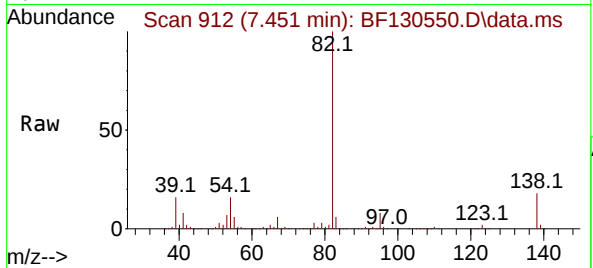
#25
Isophorone
Concen: 42.761 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

Instrument :
BNA_F
ClientSampleId :
PB148113BS

Tgt Ion: 82 Resp: 551708
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 18.5 13.8 20.6

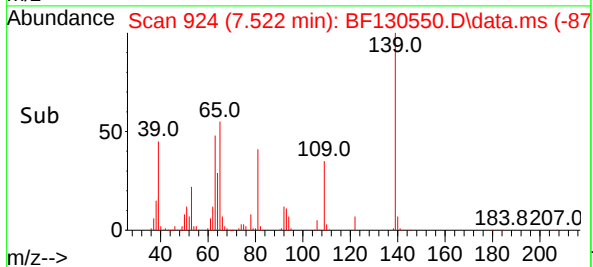
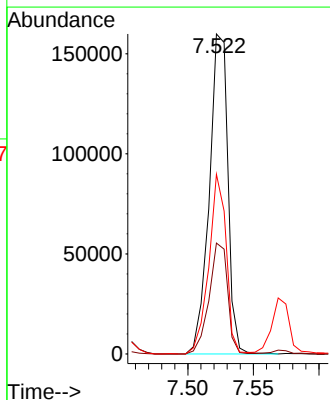
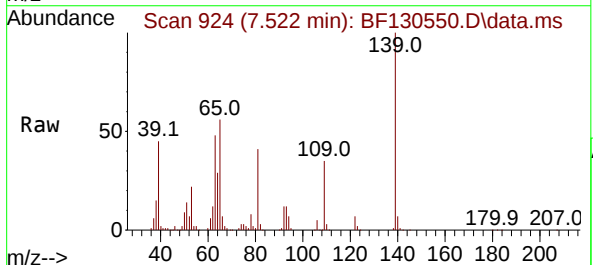
Manual Integrations
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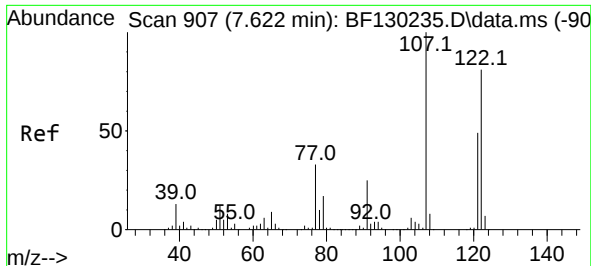
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#26
2-Nitrophenol
Concen: 47.445 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

Tgt Ion:139 Resp: 158088
Ion Ratio Lower Upper
139 100
109 34.6 30.2 45.4
65 56.2 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 48.489 ng

RT: 7.575 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF130550.D

Acq: 06 Oct 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB148113BS

Tgt Ion:122 Resp: 24876

Ion Ratio Lower Upper

122 100

107 120.5 100.2 150.2

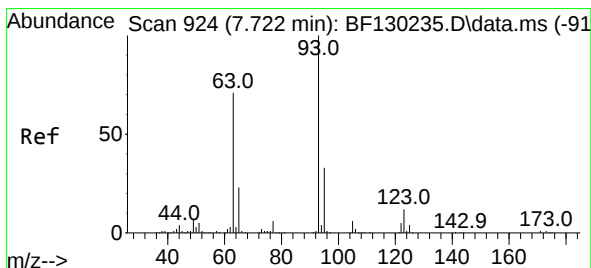
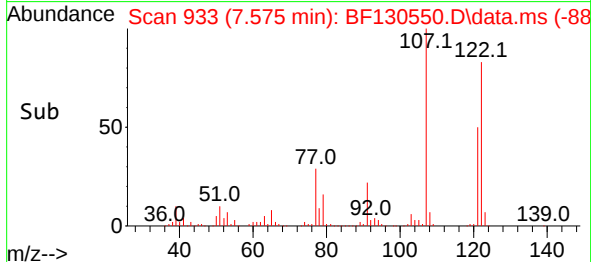
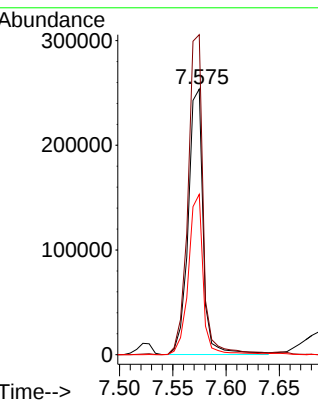
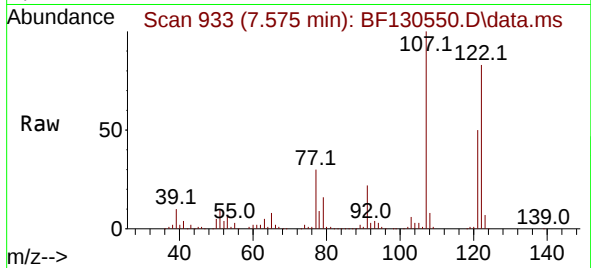
121 60.4 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/07/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.484 ng

RT: 7.663 min Scan# 948

Delta R.T. -0.000 min

Lab File: BF130550.D

Acq: 06 Oct 2022 14:29

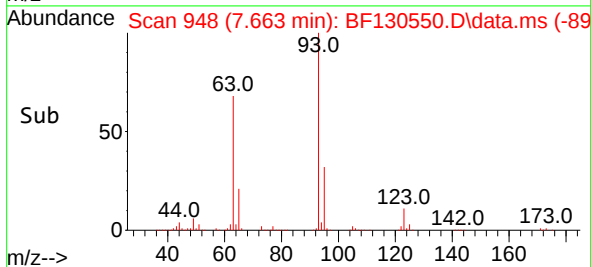
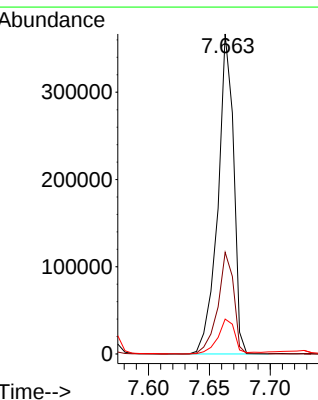
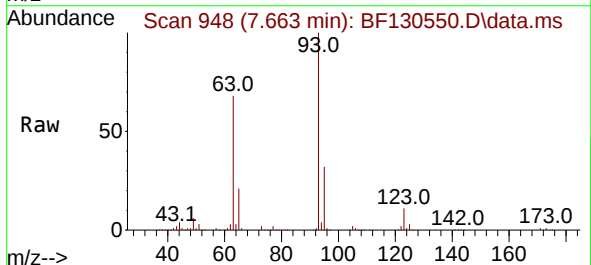
Tgt Ion: 93 Resp: 330439

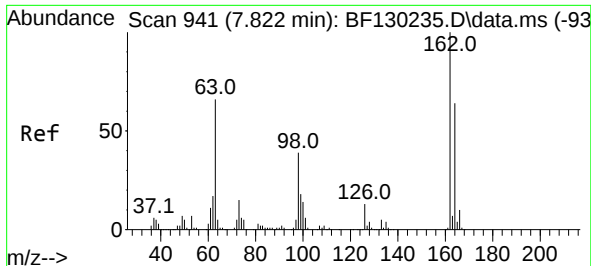
Ion Ratio Lower Upper

93 100

95 31.8 26.3 39.5

123 10.9 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 42.689 ng

RT: 7.769 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF130550.D

Acq: 06 Oct 2022 14:29

Instrument :

BNA_F

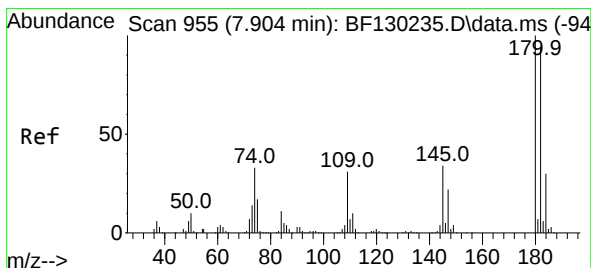
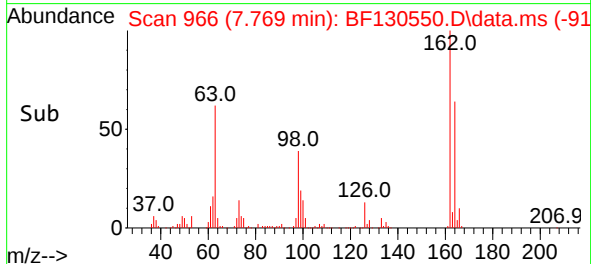
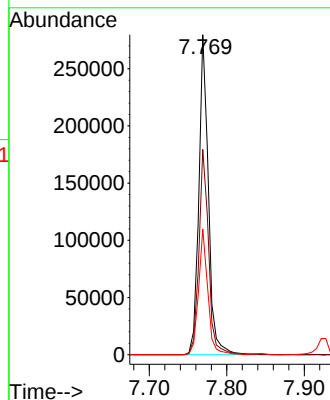
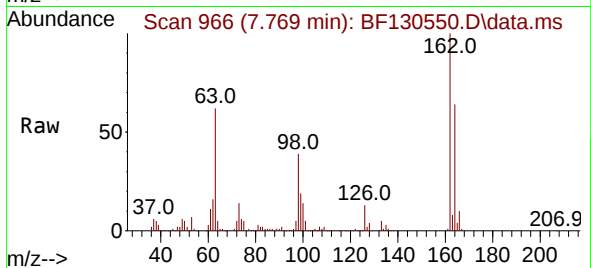
ClientSampleId :

PB148113BS

Tgt Ion:162 Resp: 24000
 Ion Ratio Lower Upper
 162 100
 164 64.2 42.2 82.2
 98 39.3 21.7 61.7

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/07/2022
 Supervised By :Jagrut Upadhyay 10/10/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.227 ng

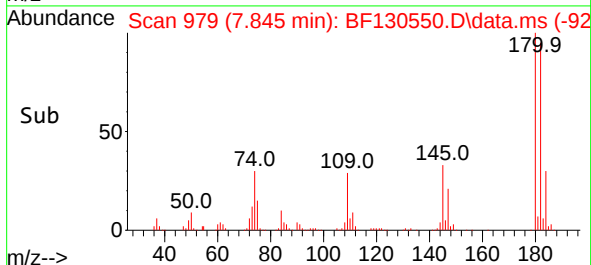
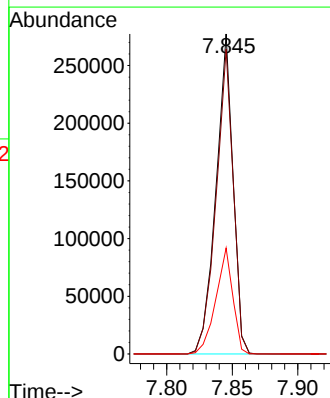
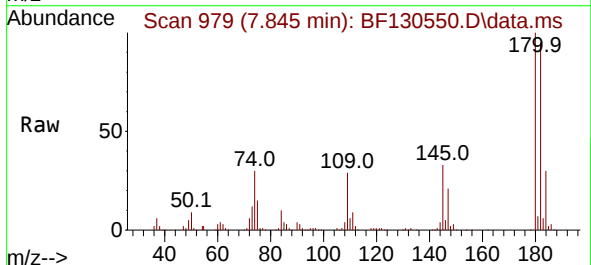
RT: 7.845 min Scan# 979

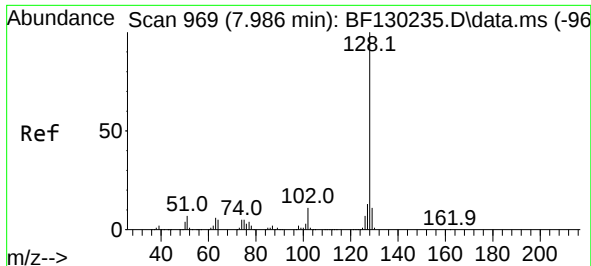
Delta R.T. -0.000 min

Lab File: BF130550.D

Acq: 06 Oct 2022 14:29

Tgt Ion:180 Resp: 250591
 Ion Ratio Lower Upper
 180 100
 182 95.2 73.3 109.9
 145 33.1 28.3 42.5





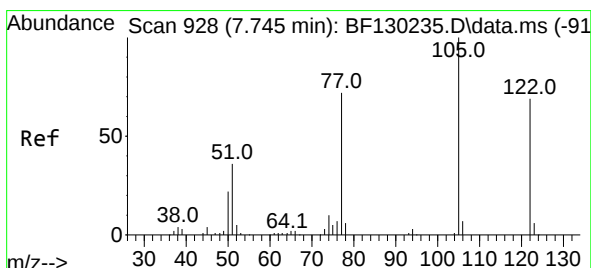
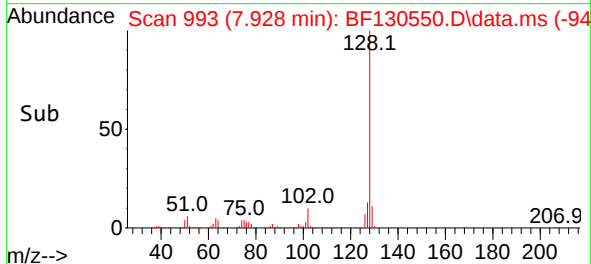
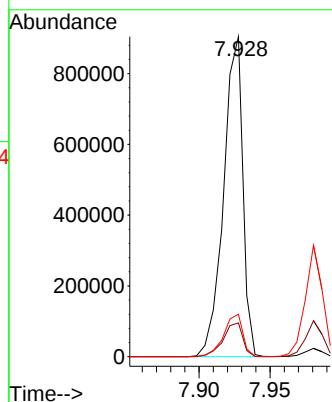
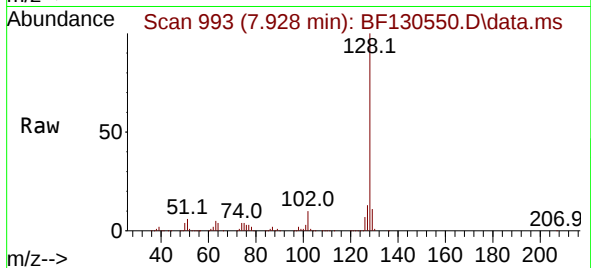
#31
Naphthalene
Concen: 40.319 ng
RT: 7.928 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

Instrument :
BNA_F
ClientSampleId :
PB148113BS

Tgt Ion:128 Resp: 849475
Ion Ratio Lower Upper
128 100
129 10.6 9.1 13.7
127 13.2 10.6 16.0

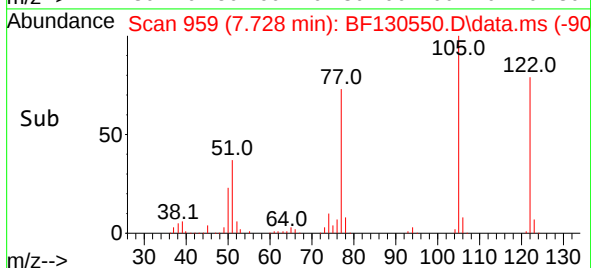
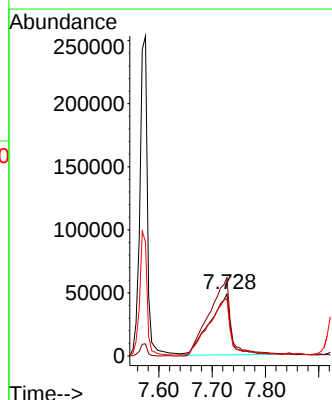
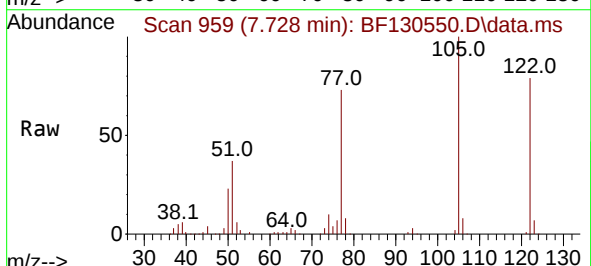
Manual Integrations
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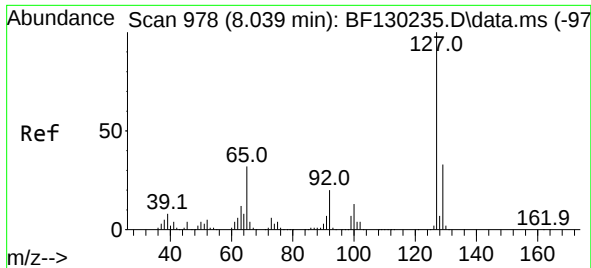
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#32
Benzoic acid
Concen: 33.660 ng
RT: 7.728 min Scan# 959
Delta R.T. 0.018 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

Tgt Ion:122 Resp: 133545
Ion Ratio Lower Upper
122 100
105 126.9 112.9 152.9
77 92.9 82.8 122.8





#33
4-Chloroaniline
Concen: 34.990 ng
RT: 7.981 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

Instrument :

BNA_F

ClientSampleId :

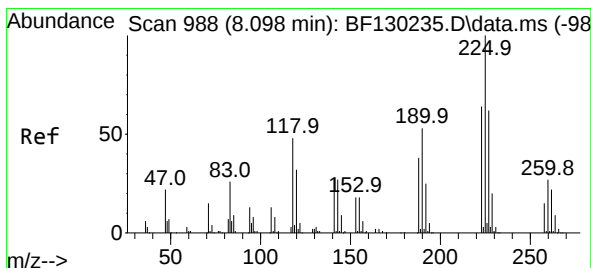
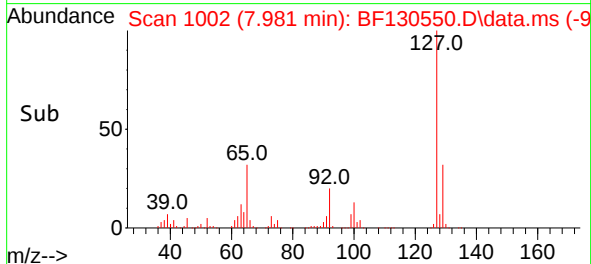
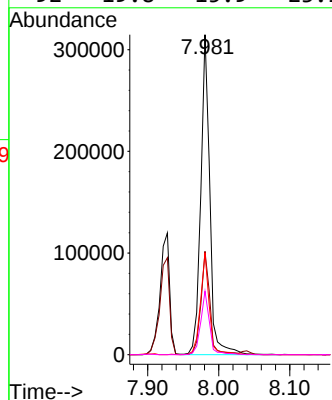
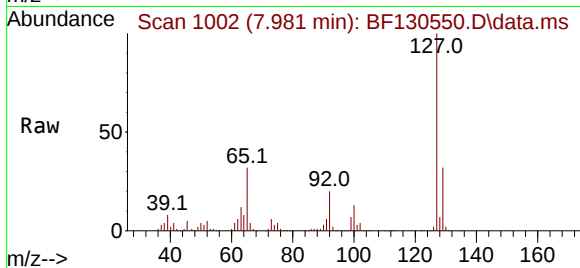
PB148113BS

Tgt Ion:127 Resp: 280384
Ion Ratio Lower Upper
127 100
129 32.3 25.6 38.4
65 31.9 27.0 40.6
92 19.8 15.9 23.9

Manual Integrations

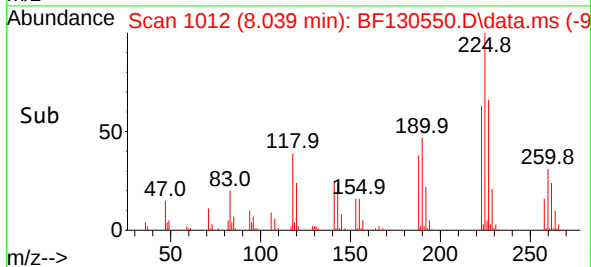
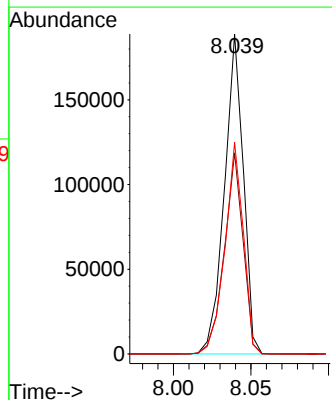
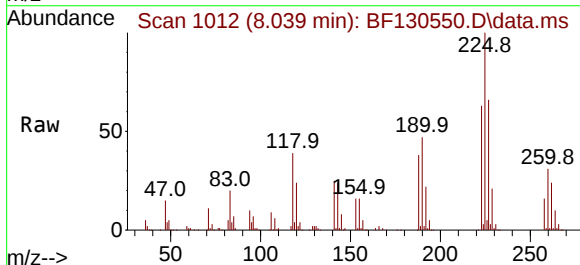
APPROVED

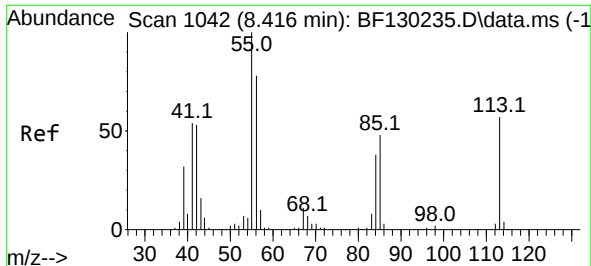
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#34
Hexachlorobutadiene
Concen: 41.201 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

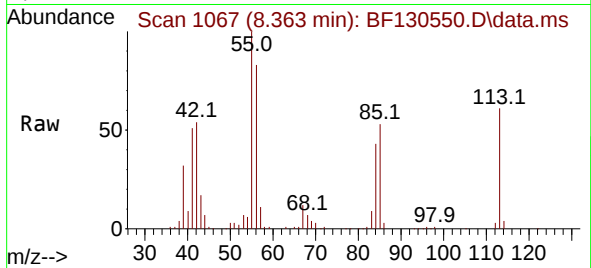
Tgt Ion:225 Resp: 160049
Ion Ratio Lower Upper
225 100
223 62.8 50.3 75.5
227 66.1 51.1 76.7





#35
Caprolactam
Concen: 46.463 ng m
RT: 8.363 min Scan# 1067
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

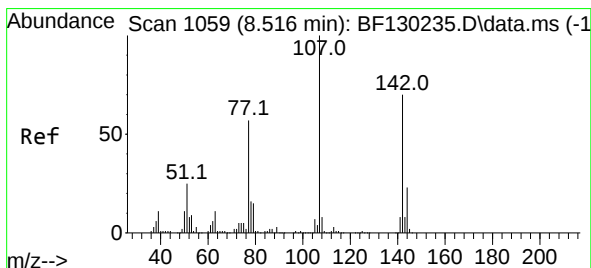
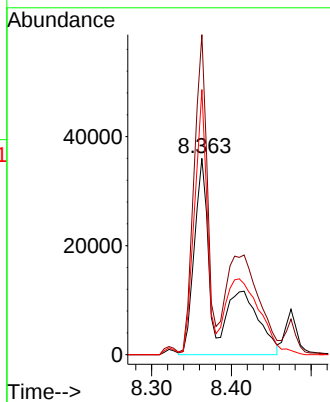
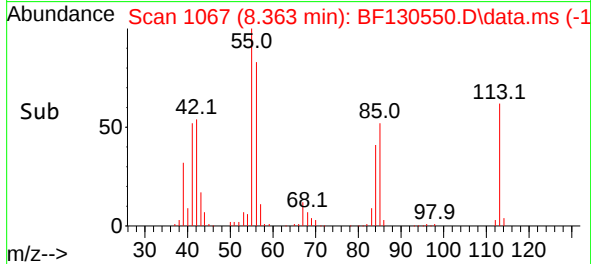
Instrument :
BNA_F
ClientSampleId :
PB148113BS



Tgt Ion:113 Resp: 74880
Ion Ratio Lower Upper
113 100
55 163.0 155.4 195.4
56 135.0 120.4 160.4

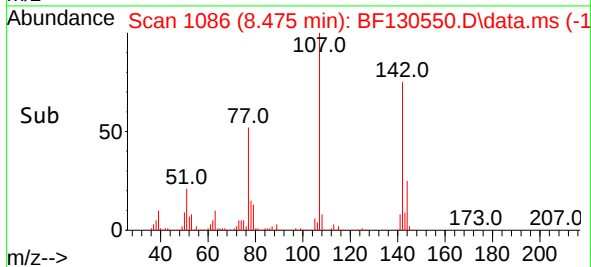
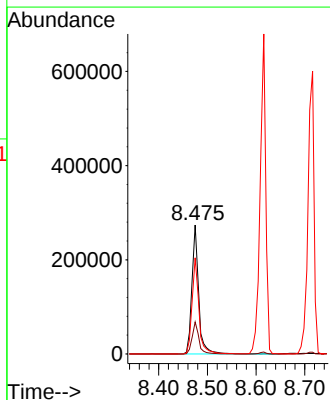
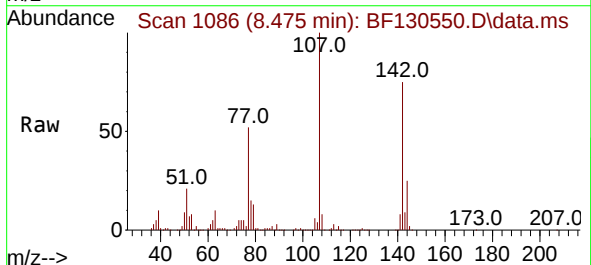
Manual Integrations
APPROVED

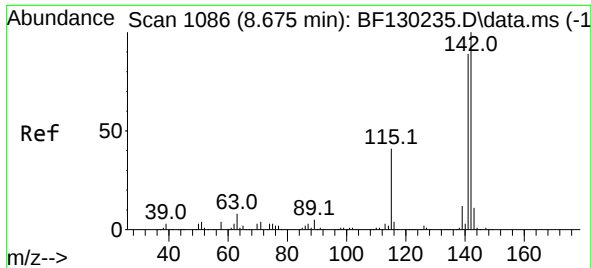
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#36
4-Chloro-3-methylphenol
Concen: 42.669 ng
RT: 8.475 min Scan# 1086
Delta R.T. 0.006 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

Tgt Ion:107 Resp: 265895
Ion Ratio Lower Upper
107 100
144 24.8 20.0 30.0
142 74.5 61.3 91.9





#37

2-Methylnaphthalene

Concen: 40.951 ng

RT: 8.616 min Scan# 1110

Delta R.T. -0.000 min

Lab File: BF130550.D

Acq: 06 Oct 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB148113BS

Tgt Ion:142 Resp: 55011

Ion Ratio Lower Upper

142 100

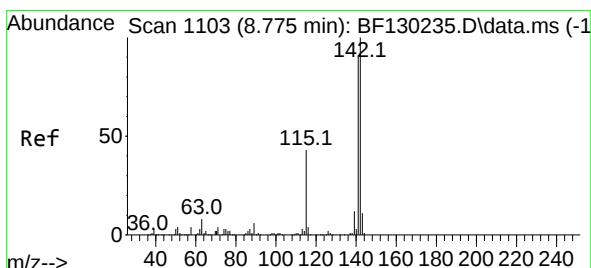
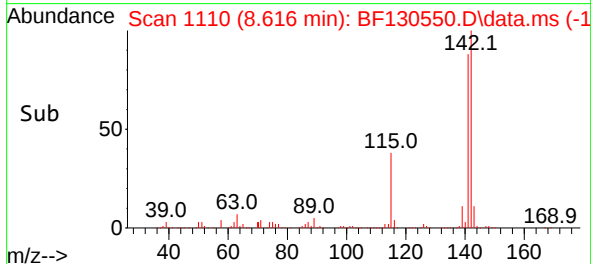
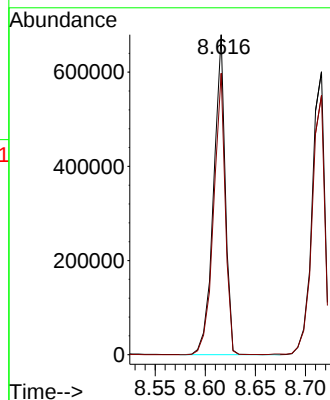
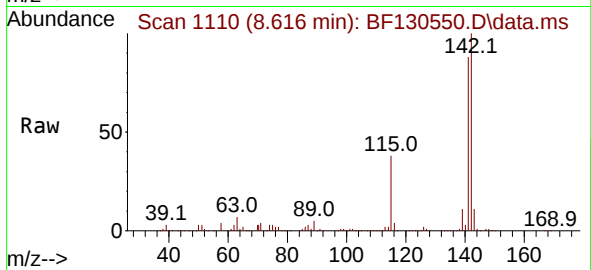
141 88.0 70.0 105.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/07/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#38

1-Methylnaphthalene

Concen: 40.631 ng

RT: 8.716 min Scan# 1127

Delta R.T. 0.006 min

Lab File: BF130550.D

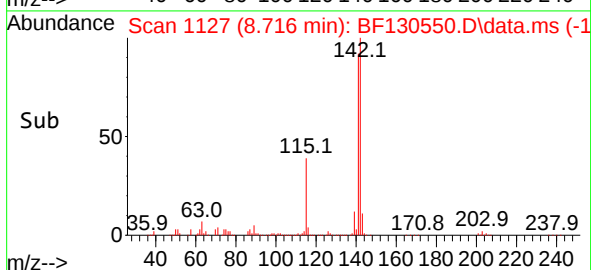
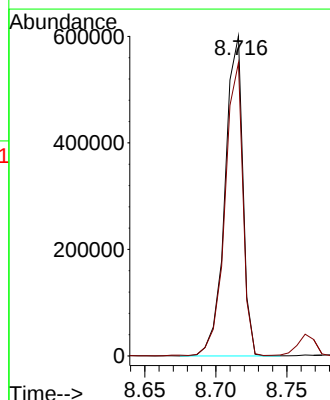
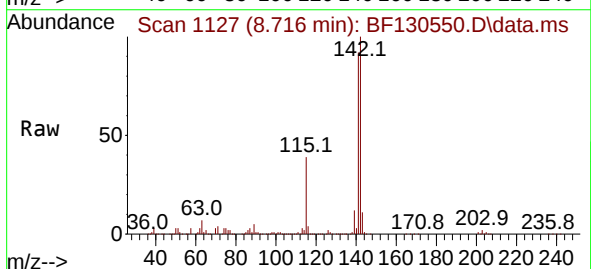
Acq: 06 Oct 2022 14:29

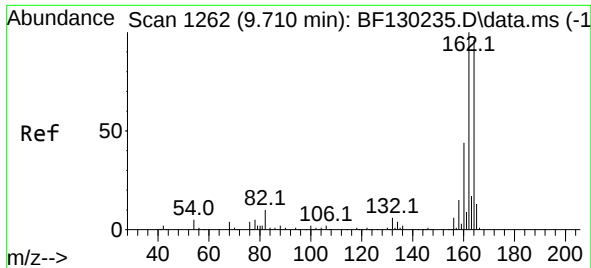
Tgt Ion:142 Resp: 524331

Ion Ratio Lower Upper

142 100

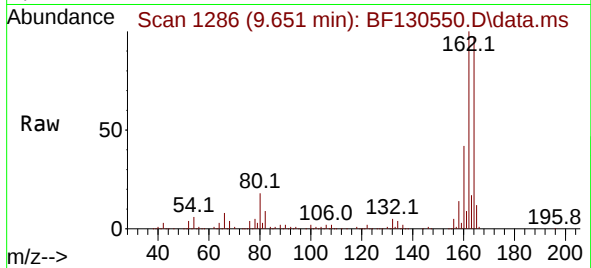
141 91.6 73.8 110.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.651 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

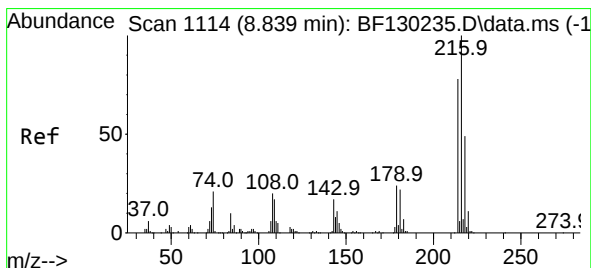
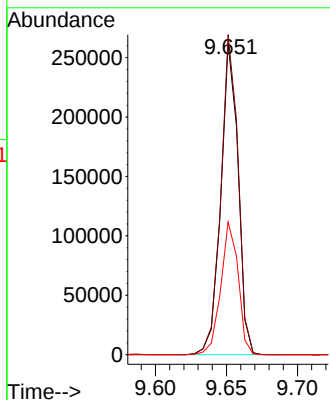
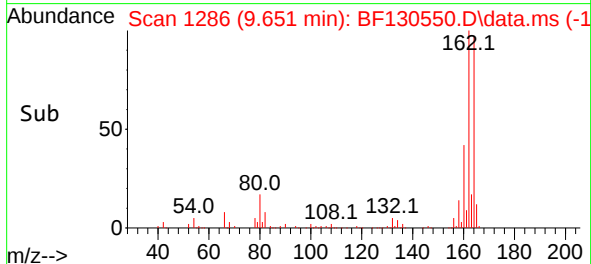
Instrument :
BNA_F
ClientSampleId :
PB148113BS



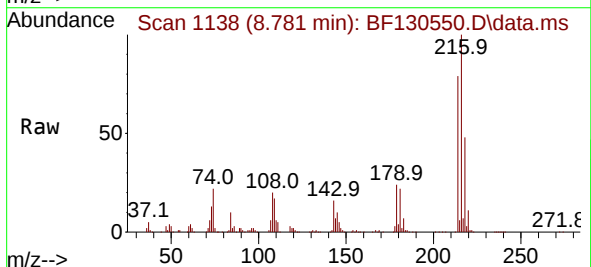
Tgt Ion:164 Resp: 220509
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.0
160 42.7 36.2 54.4

Manual Integrations
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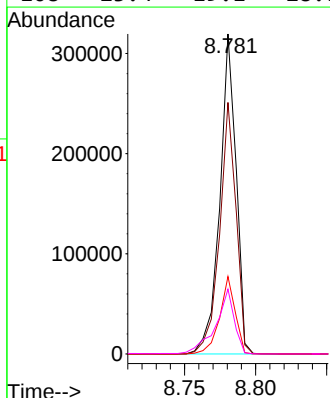
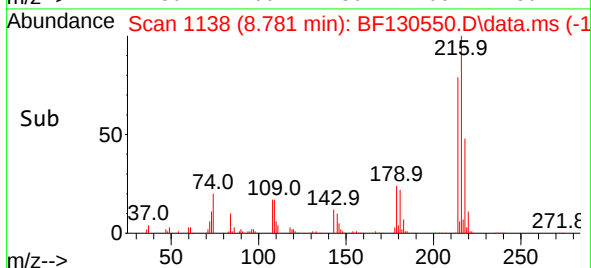
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

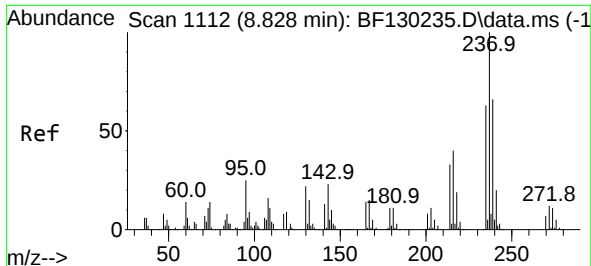


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.157 ng
RT: 8.781 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29



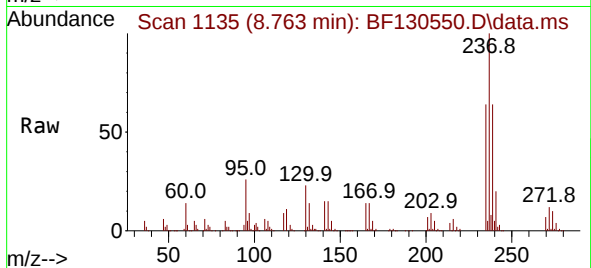
Tgt Ion:216 Resp: 253693
Ion Ratio Lower Upper
216 100
214 79.3 62.8 94.2
179 23.1 19.5 29.3
108 23.4 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 80.147 ng
RT: 8.763 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

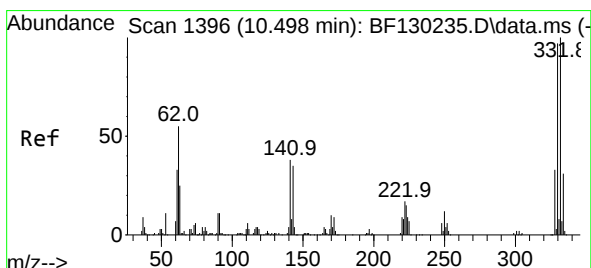
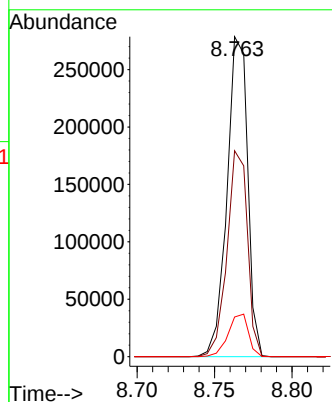
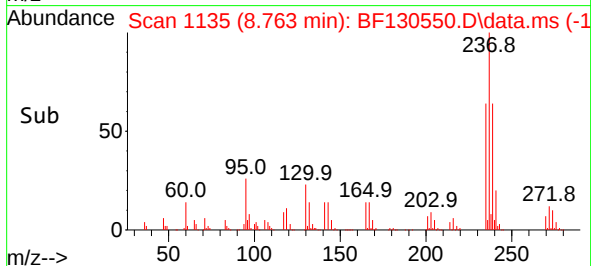
Instrument :
BNA_F
ClientSampleId :
PB148113BS



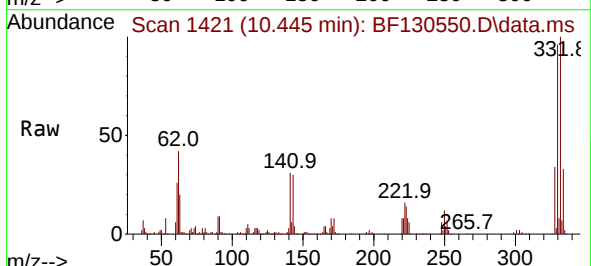
Tgt Ion:237 Resp: 25822
Ion Ratio Lower Upper
237 100
235 64.4 42.5 82.5
272 12.4 0.0 32.8

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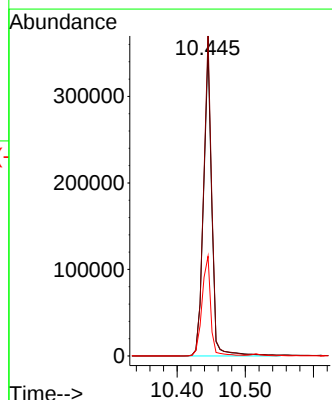
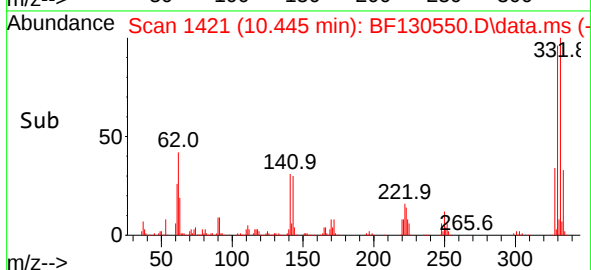
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

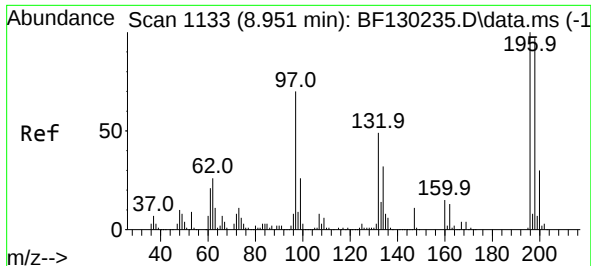


#42
2,4,6-Tribromophenol
Concen: 141.864 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29



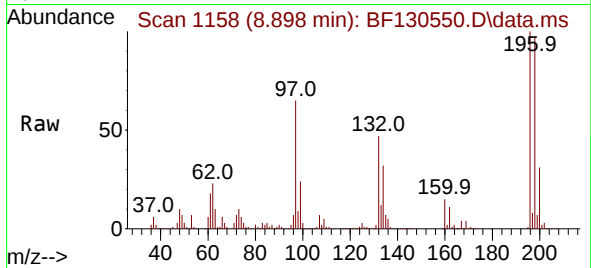
Tgt Ion:330 Resp: 299743
Ion Ratio Lower Upper
330 100
332 104.7 83.4 125.2
141 34.2 34.0 51.0





#43
2,4,6-Trichlorophenol
Concen: 38.607 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

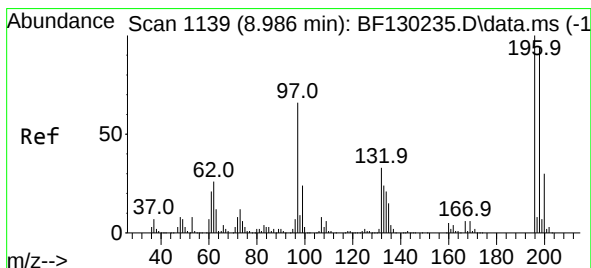
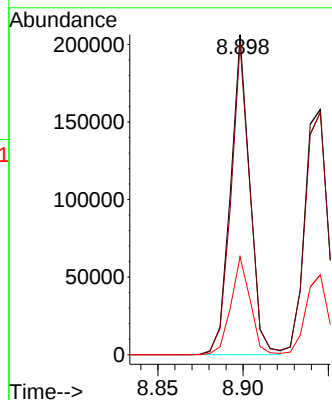
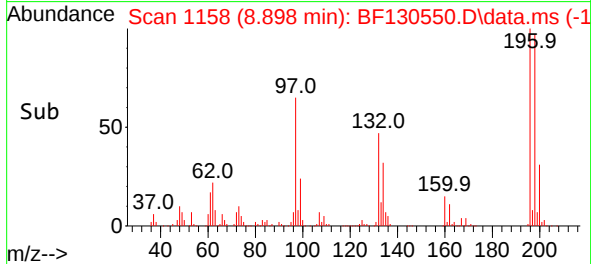
Instrument :
BNA_F
ClientSampleId :
PB148113BS



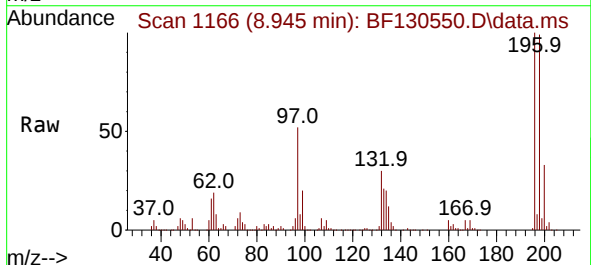
Tgt Ion:196 Resp: 162144
Ion Ratio Lower Upper
196 100
198 97.1 72.4 108.6
200 30.6 23.8 35.6

Manual Integrations
APPROVED

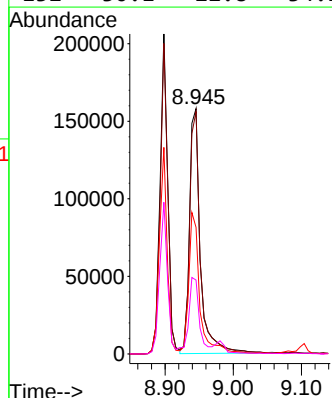
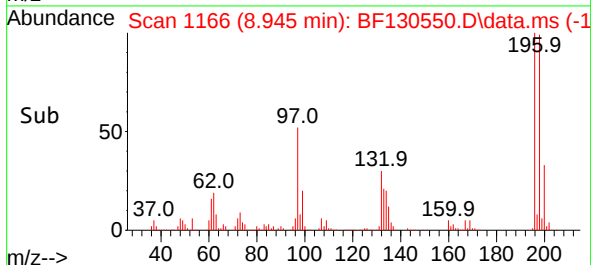
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

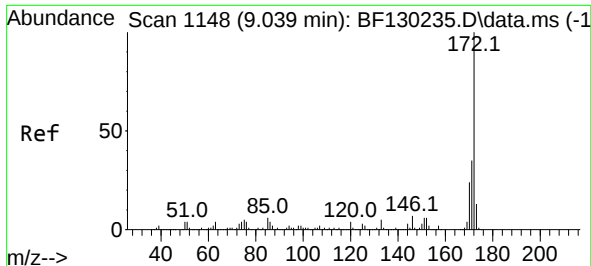


#44
2,4,5-Trichlorophenol
Concen: 38.298 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29



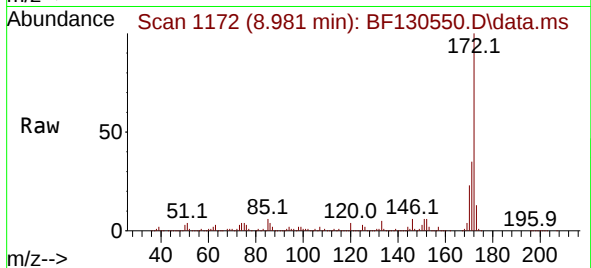
Tgt Ion:196 Resp: 173572
Ion Ratio Lower Upper
196 100
198 98.8 74.8 112.2
97 51.6 43.7 65.5
132 30.1 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 79.934 ng
RT: 8.981 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

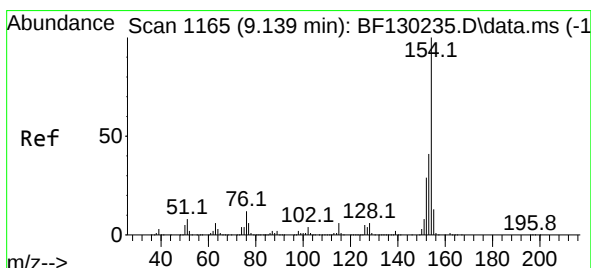
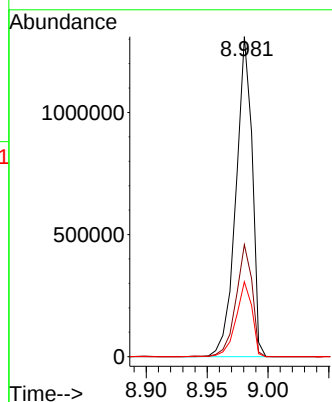
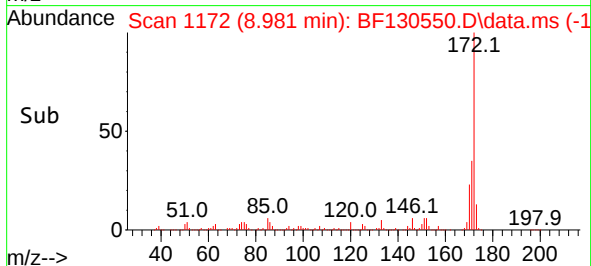
Instrument :
BNA_F
ClientSampleId :
PB148113BS



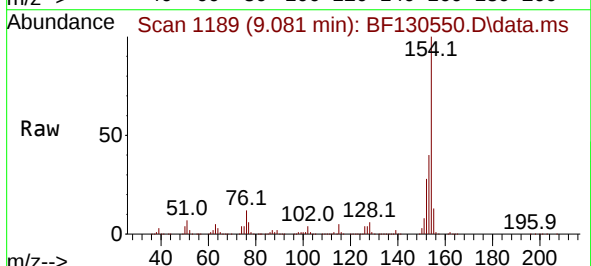
Tgt Ion:172 Resp: 1210434
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.4 18.7 28.1

Manual Integrations
APPROVED

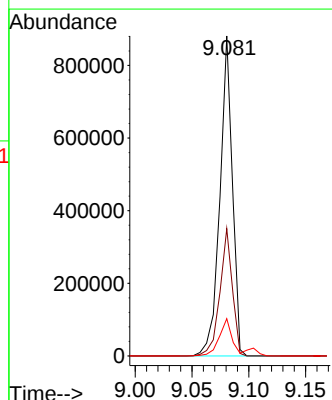
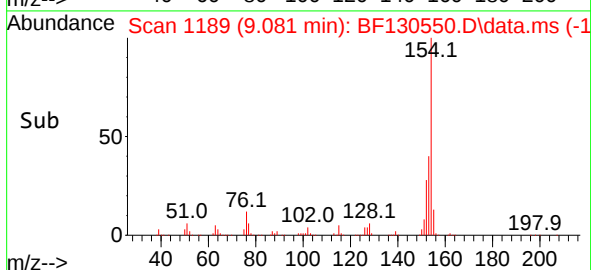
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

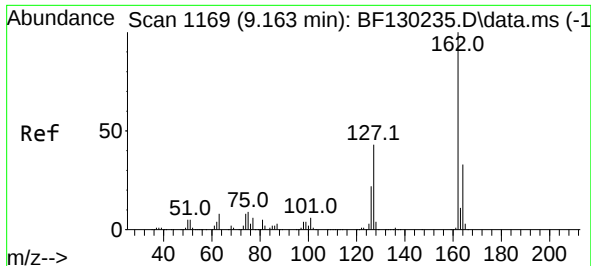


#46
1,1'-Biphenyl
Concen: 41.080 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29



Tgt Ion:154 Resp: 676530
Ion Ratio Lower Upper
154 100
153 39.8 20.0 60.0
76 11.7 0.0 33.3





#47

2-Chloronaphthalene

Concen: 39.645 ng

RT: 9.104 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF130550.D

Acq: 06 Oct 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB148113BS

Tgt Ion:162 Resp: 52814

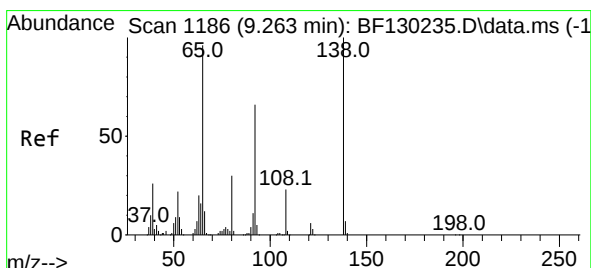
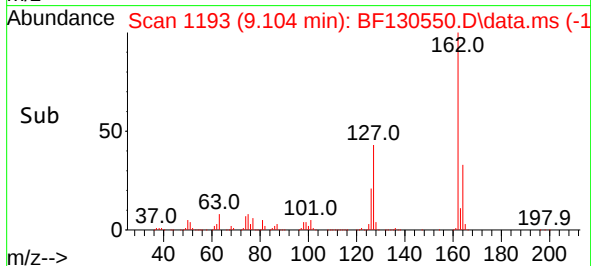
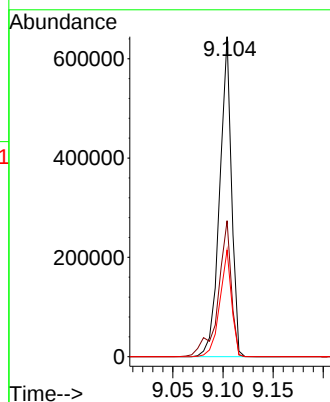
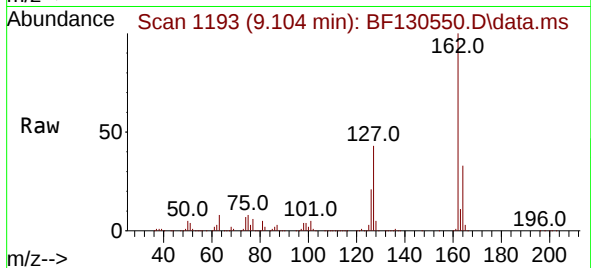
Ion	Ratio	Lower	Upper
162	100		
127	42.5	35.9	53.9
164	33.4	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/07/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#48

2-Nitroaniline

Concen: 37.446 ng

RT: 9.210 min Scan# 1211

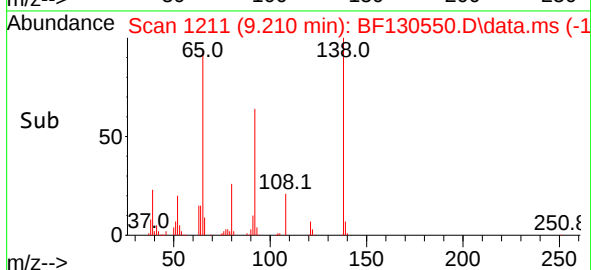
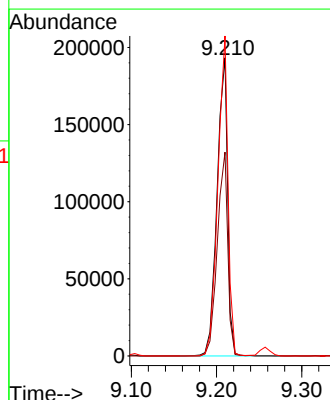
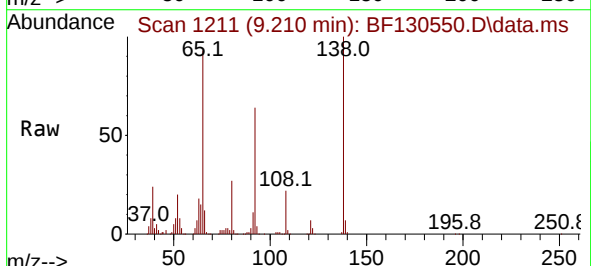
Delta R.T. 0.006 min

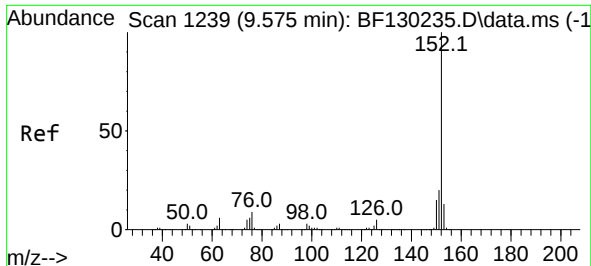
Lab File: BF130550.D

Acq: 06 Oct 2022 14:29

Tgt Ion: 65 Resp: 166384

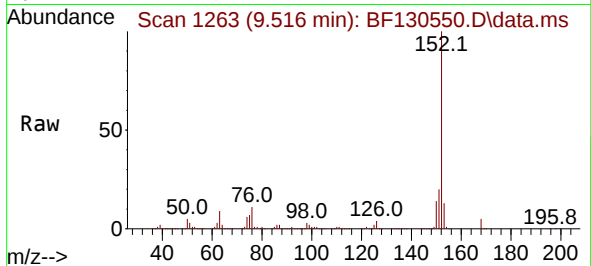
Ion	Ratio	Lower	Upper
65	100		
92	68.4	52.2	78.4
138	107.3	77.0	115.4





#49
Acenaphthylene
Concen: 39.201 ng
RT: 9.516 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

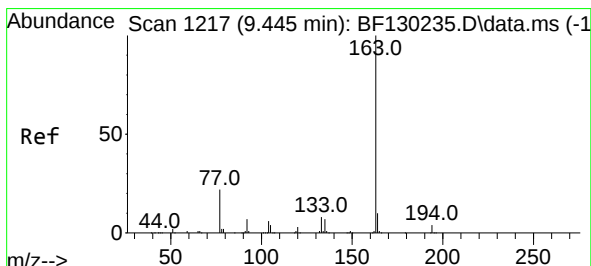
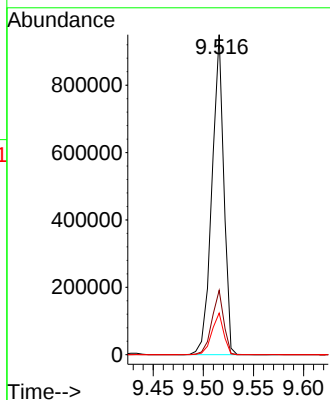
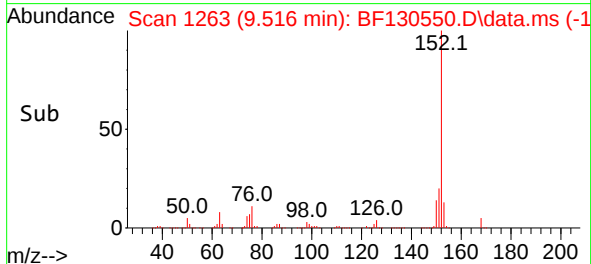
Instrument :
BNA_F
ClientSampleId :
PB148113BS



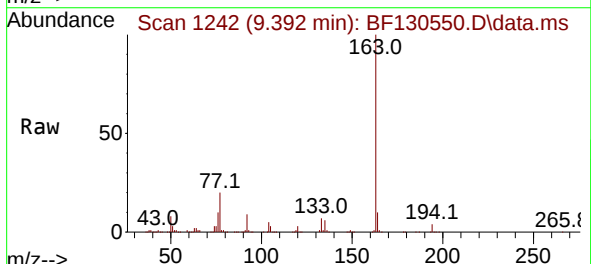
Tgt Ion:152 Resp: 78300
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.0 10.6 15.8

Manual Integrations
APPROVED

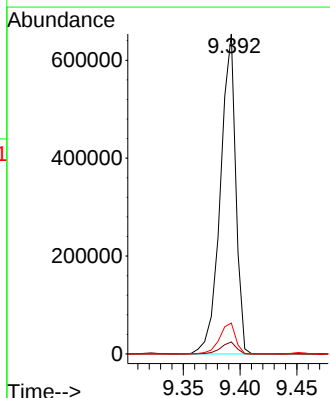
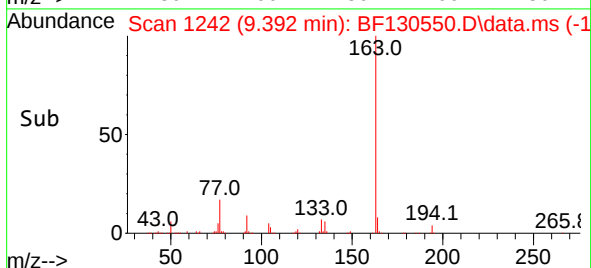
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

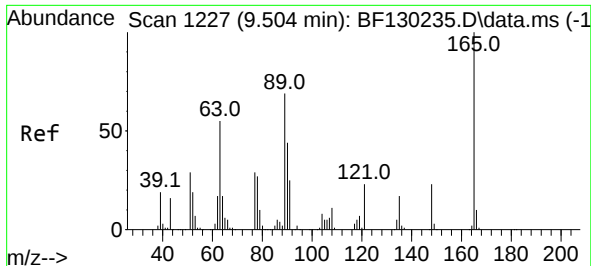


#50
Dimethylphthalate
Concen: 40.523 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.006 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29



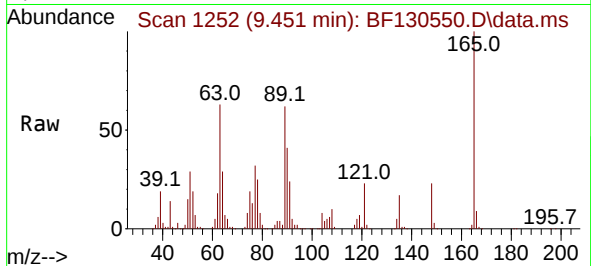
Tgt Ion:163 Resp: 617244
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.7 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 42.484 ng
RT: 9.451 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

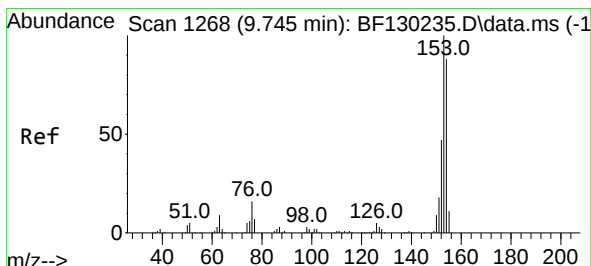
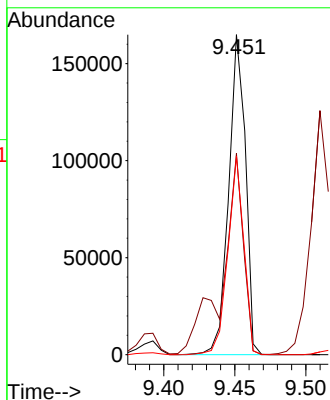
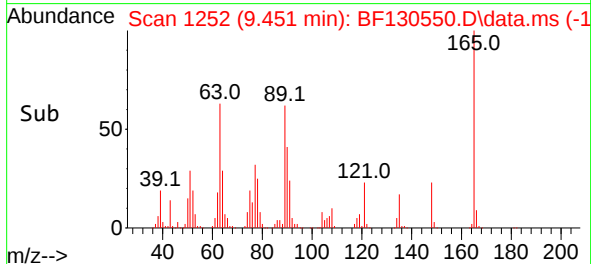
Instrument :
BNA_F
ClientSampleId :
PB148113BS



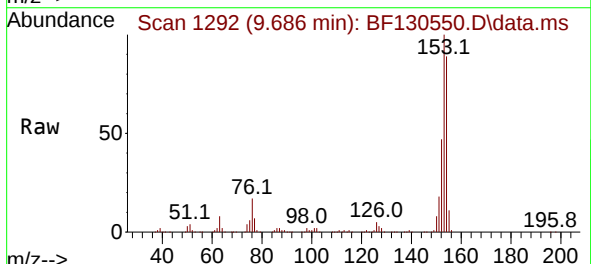
Tgt Ion:165 Resp: 135338
Ion Ratio Lower Upper
165 100
63 62.9 58.8 88.2
89 62.1 54.5 81.7

Manual Integrations
APPROVED

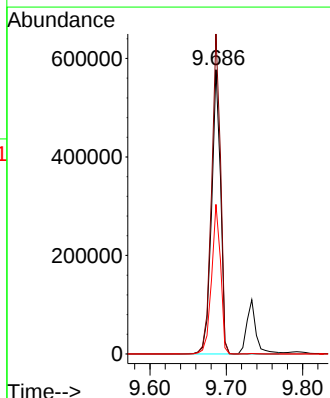
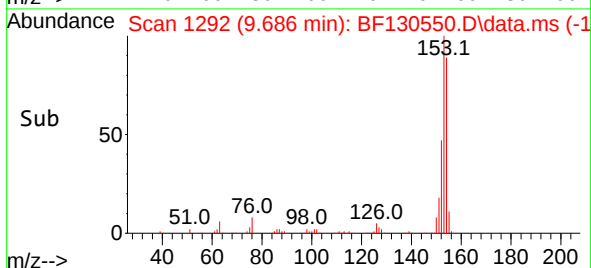
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

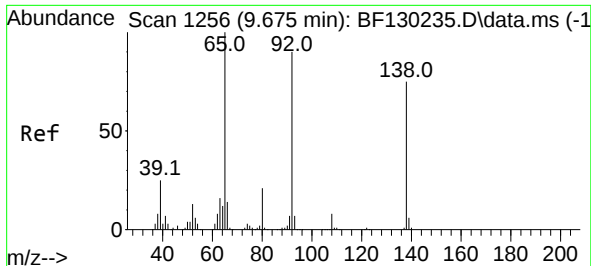


#52
Acenaphthene
Concen: 42.918 ng m
RT: 9.686 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29



Tgt Ion:154 Resp: 563253
Ion Ratio Lower Upper
154 100
153 112.6 90.6 136.0
152 52.6 43.8 65.6





#53
3-Nitroaniline
Concen: 31.954 ng
RT: 9.622 min Scan# 113424
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

Instrument :

BNA_F

ClientSampleId :

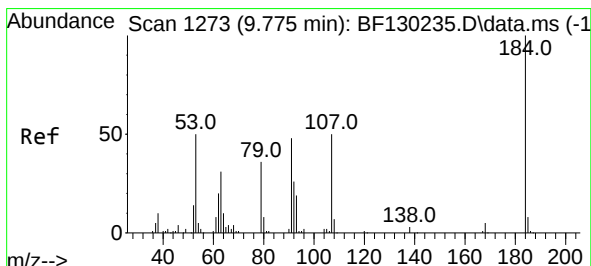
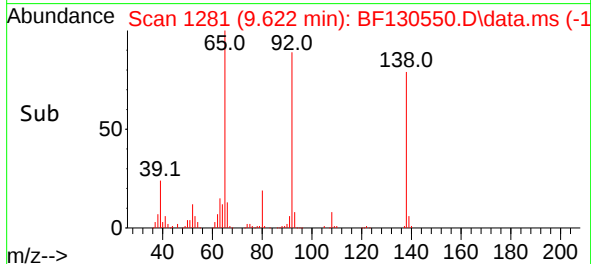
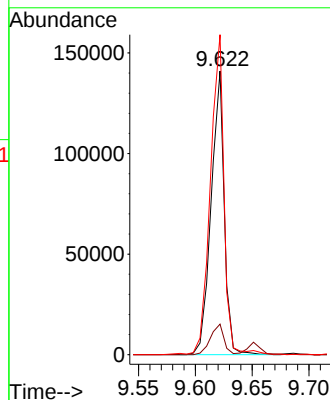
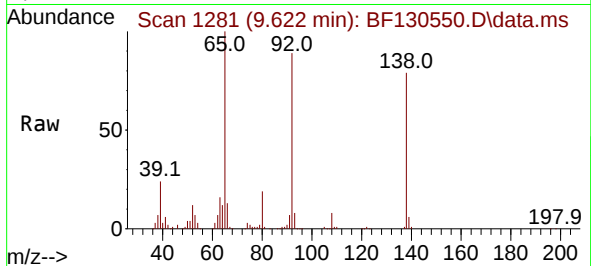
PB148113BS

Tgt Ion:138 Resp: 113424
Ion Ratio Lower Upper
138 100
108 10.8 9.2 13.8
92 112.8 99.2 148.8

Manual Integrations

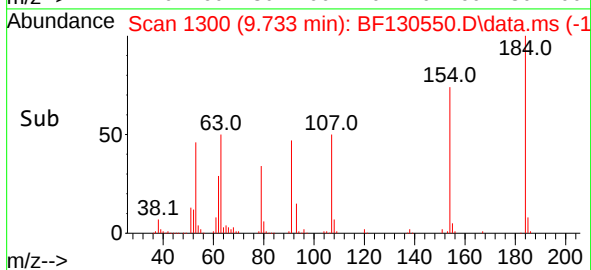
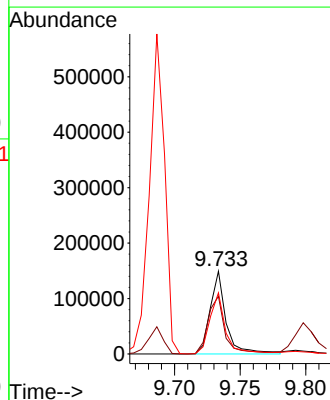
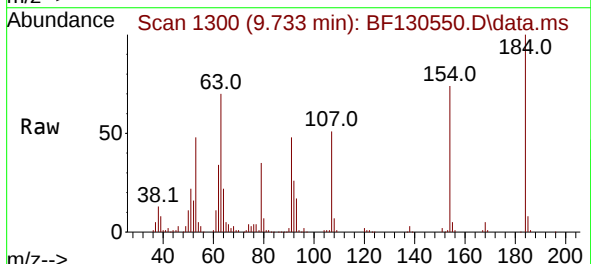
APPROVED

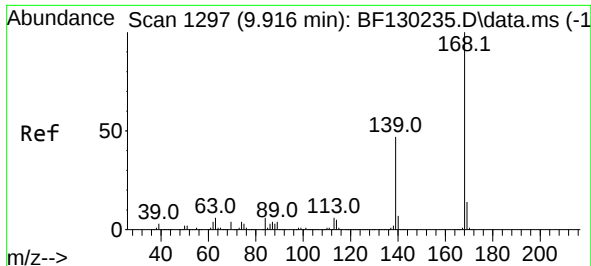
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#54
2,4-Dinitrophenol
Concen: 73.606 ng
RT: 9.733 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

Tgt Ion:184 Resp: 126258
Ion Ratio Lower Upper
184 100
63 69.8 70.0 105.0#
154 73.8 63.0 94.6





#55
Dibenzenofuran
Concen: 39.465 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

Instrument :

BNA_F

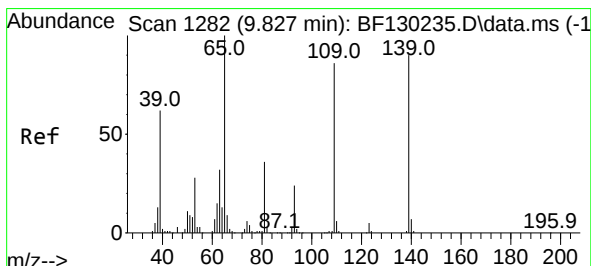
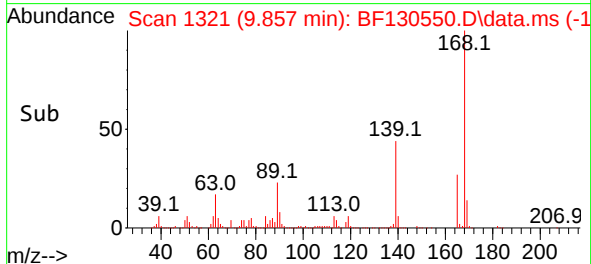
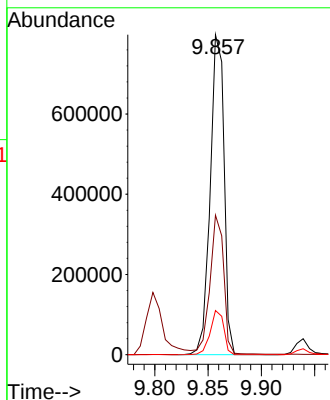
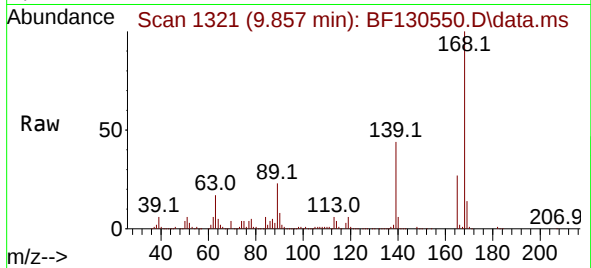
ClientSampleId :

PB148113BS

Tgt Ion:168 Resp: 72041
Ion Ratio Lower Upper
168 100
139 43.6 35.0 52.4
169 13.8 10.9 16.3

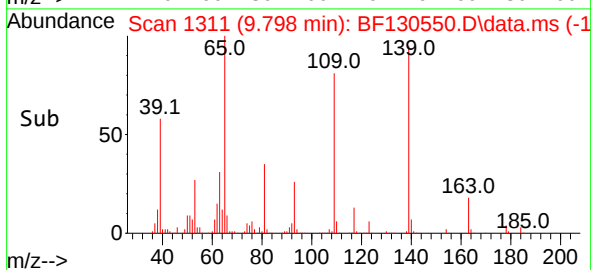
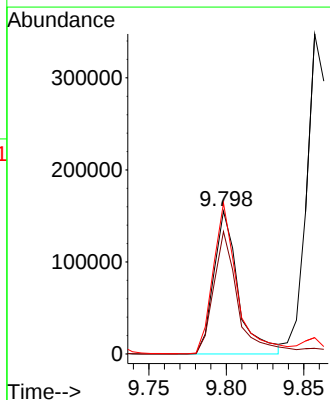
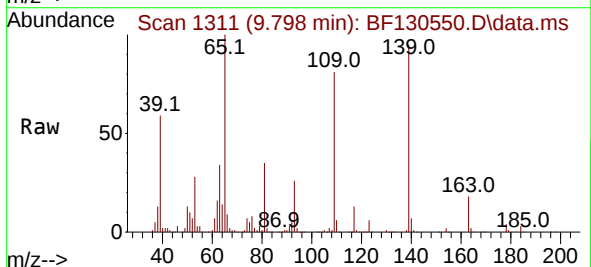
Manual Integrations
APPROVED

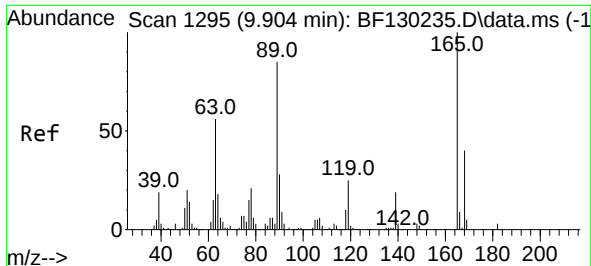
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#56
4-Nitrophenol
Concen: 65.856 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

Tgt Ion:139 Resp: 170262
Ion Ratio Lower Upper
139 100
109 85.7 72.2 112.2
65 105.6 97.7 137.7





#57

2,4-Dinitrotoluene

Concen: 43.153 ng

RT: 9.857 min Scan# 1379

Delta R.T. 0.006 min

Lab File: BF130550.D

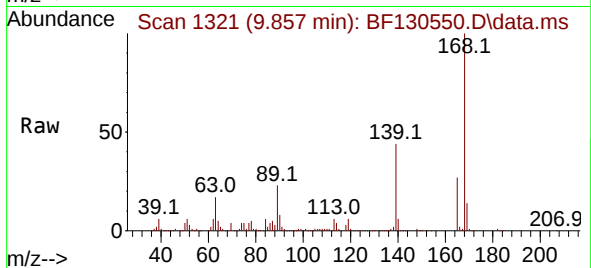
Acq: 06 Oct 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB148113BS



Tgt Ion:165 Resp: 17568

Ion Ratio Lower Upper

165 100

63 63.7 44.7 67.1

89 84.4 69.0 103.4

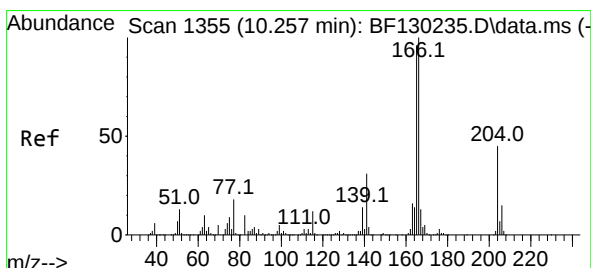
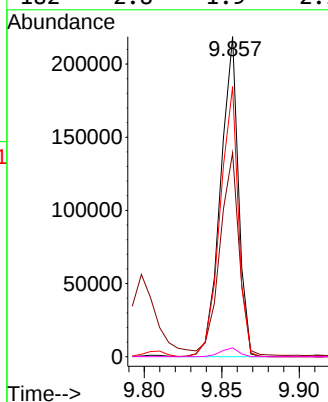
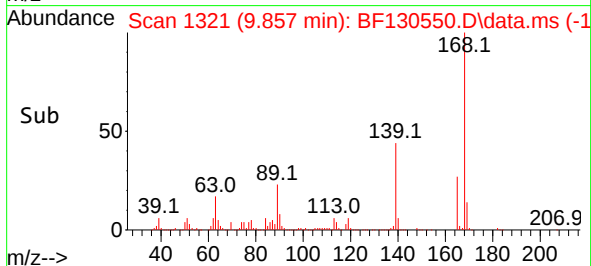
182 2.8 1.9 2.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/07/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#58

Fluorene

Concen: 39.562 ng

RT: 10.198 min Scan# 1379

Delta R.T. -0.000 min

Lab File: BF130550.D

Acq: 06 Oct 2022 14:29

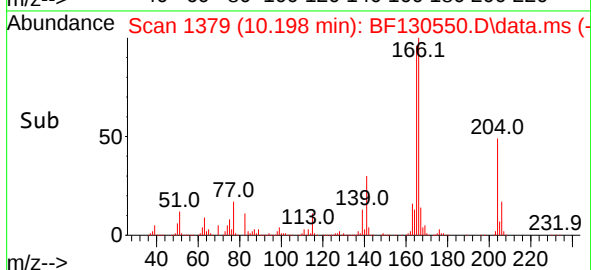
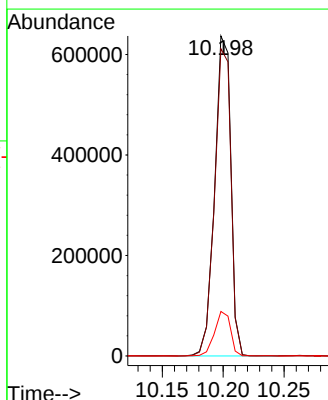
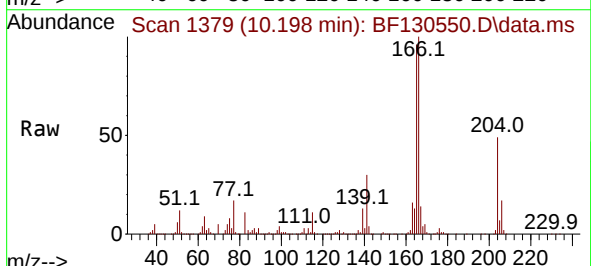
Tgt Ion:166 Resp: 590617

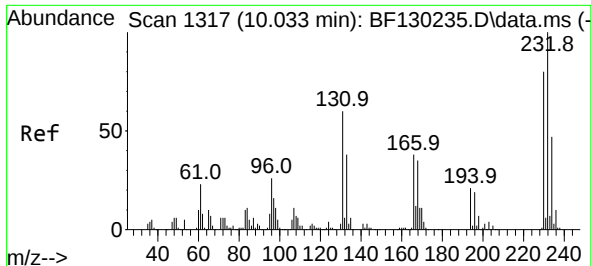
Ion Ratio Lower Upper

166 100

165 96.0 78.8 118.2

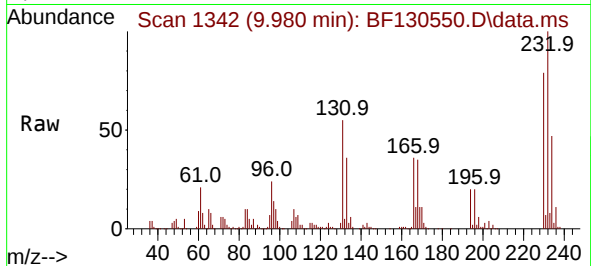
167 13.9 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.395 ng
RT: 9.980 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

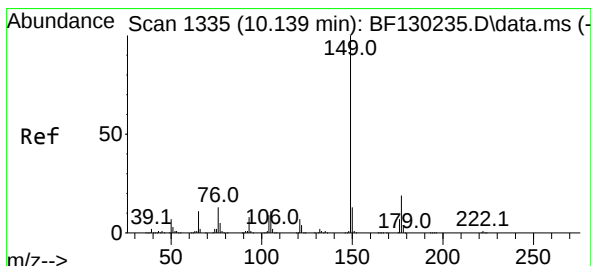
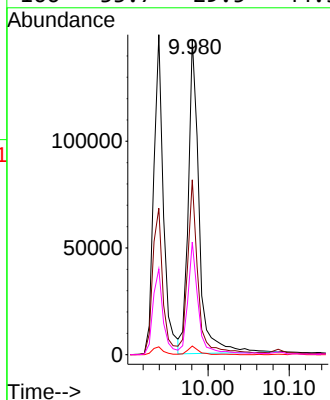
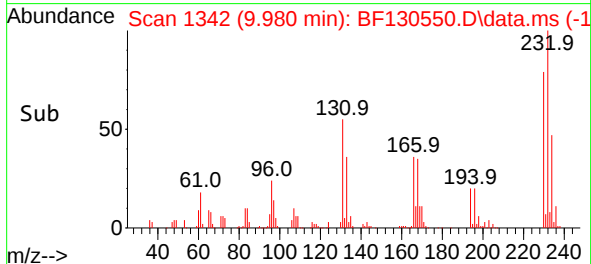
Instrument :
BNA_F
ClientSampleId :
PB148113BS



Tgt Ion:232 Resp: 13620
Ion Ratio Lower Upper
232 100
131 51.8 46.4 69.6
130 2.7 2.3 3.5
166 33.7 29.5 44.3

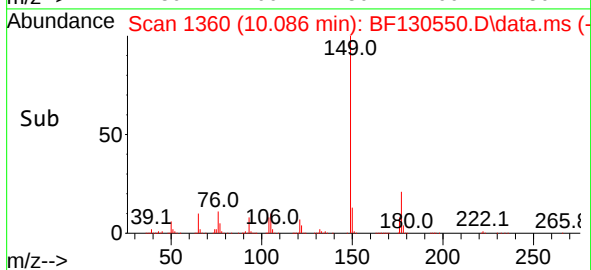
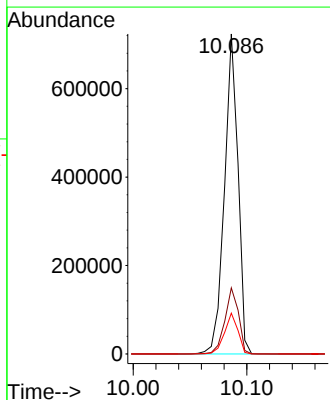
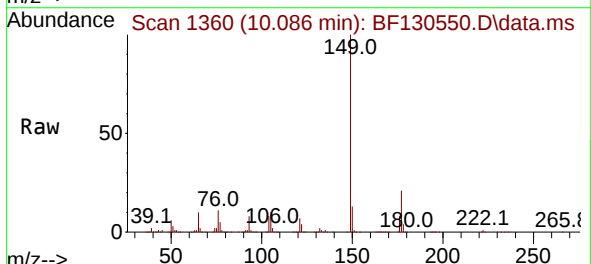
Manual Integrations
APPROVED

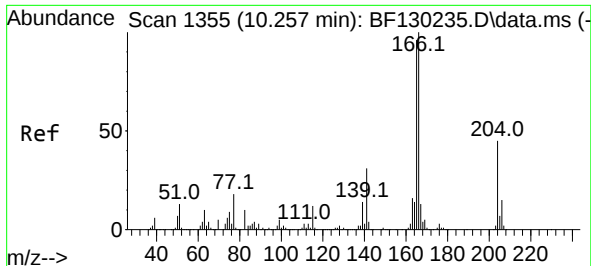
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#60
Diethylphthalate
Concen: 39.196 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.006 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

Tgt Ion:149 Resp: 598704
Ion Ratio Lower Upper
149 100
177 20.6 16.1 24.1
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.947 ng
RT: 10.198 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

Instrument :

BNA_F

ClientSampleId :

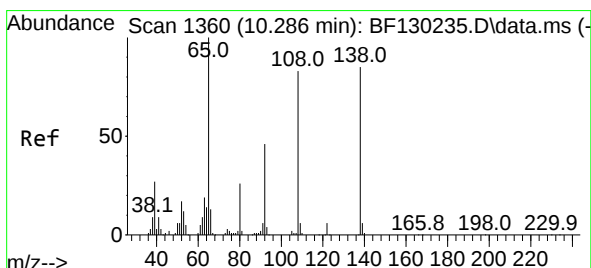
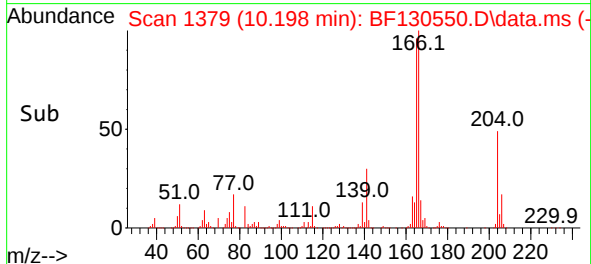
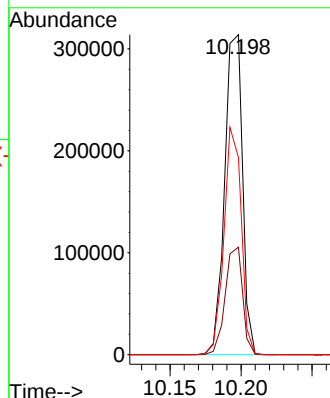
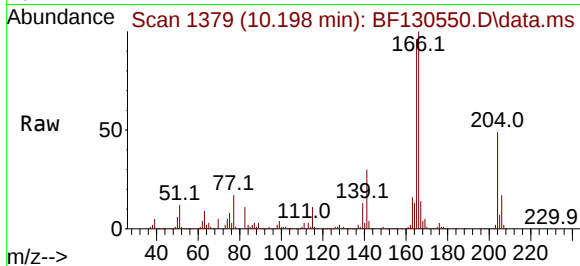
PB148113BS

Tgt Ion:204 Resp: 274709
Ion Ratio Lower Upper
204 100
206 33.6 26.6 39.8
141 61.6 57.1 85.7

Manual Integrations

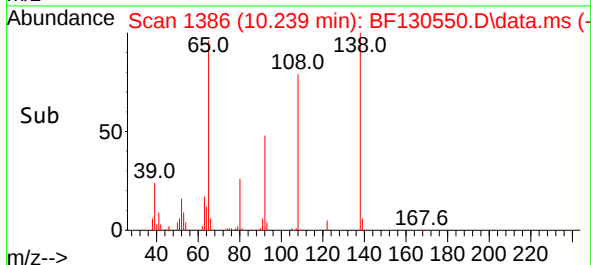
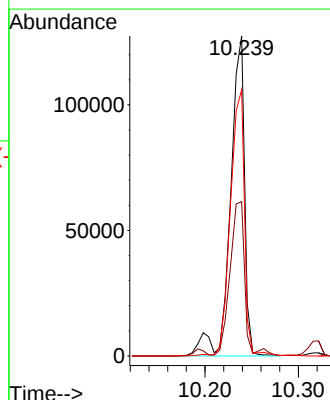
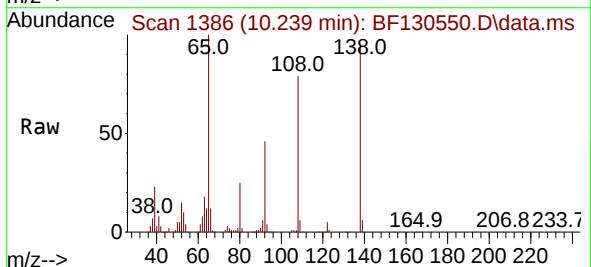
APPROVED

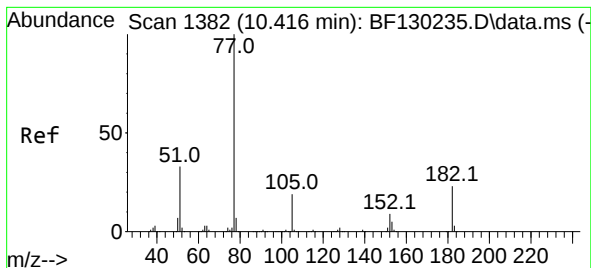
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#62
4-Nitroaniline
Concen: 37.642 ng m
RT: 10.239 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

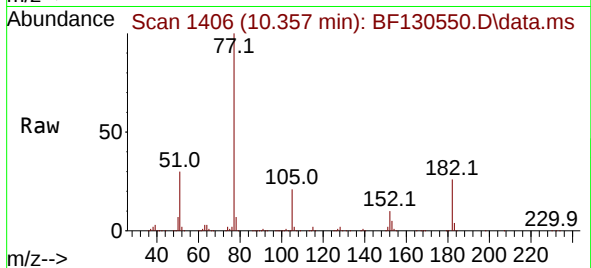
Tgt Ion:138 Resp: 134226
Ion Ratio Lower Upper
138 100
92 48.2 36.7 76.7
108 83.2 78.2 118.2





#63
Azobenzene
Concen: 35.792 ng
RT: 10.357 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

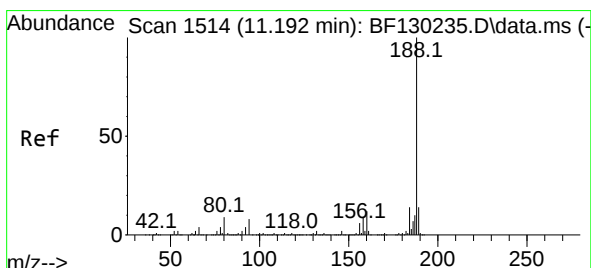
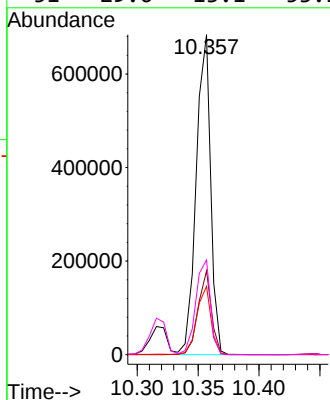
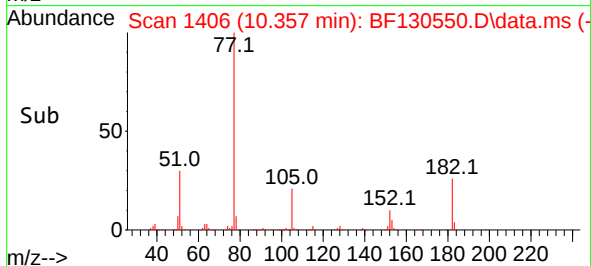
Instrument :
BNA_F
ClientSampleId :
PB148113BS



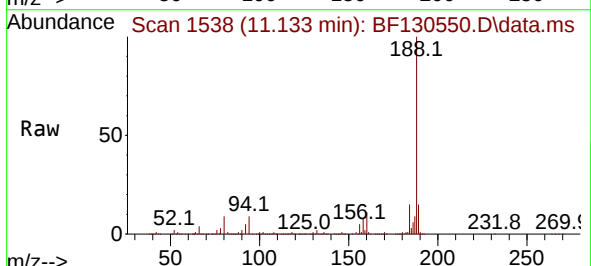
Tgt Ion: 77 Resp: 56294
Ion Ratio Lower Upper
77 100
182 26.1 2.1 42.1
105 21.4 0.0 39.4
51 29.6 13.1 53.1

Manual Integrations
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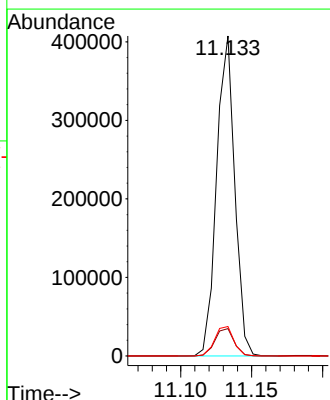
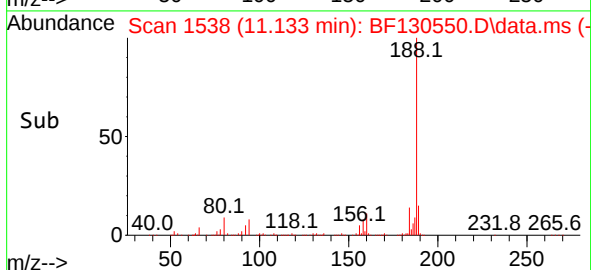
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

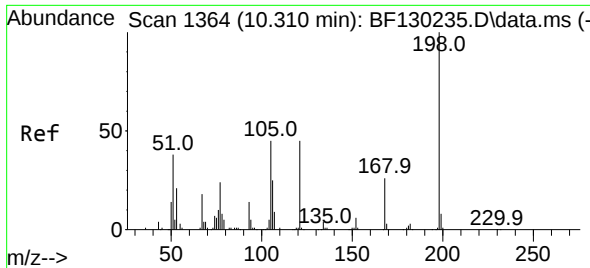


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.133 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29



Tgt Ion:188 Resp: 361040
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.2 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 43.281 ng
RT: 10.263 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

Instrument :

BNA_F

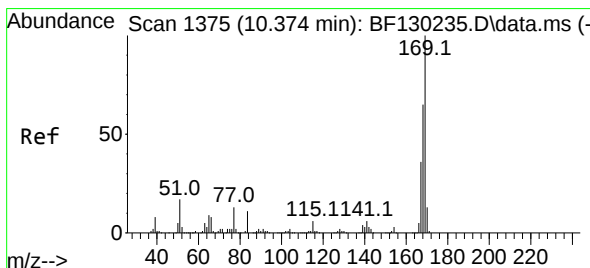
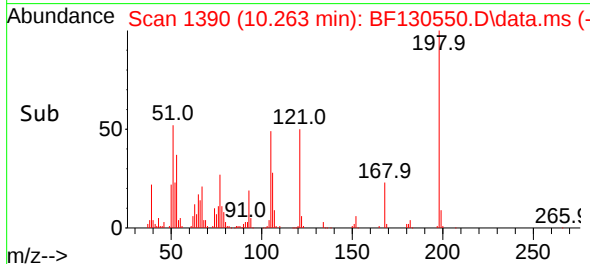
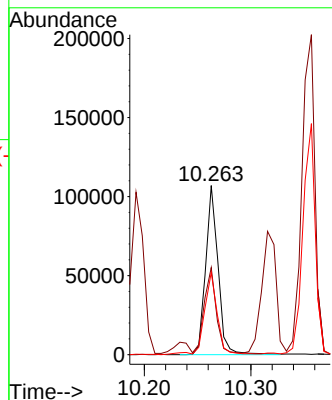
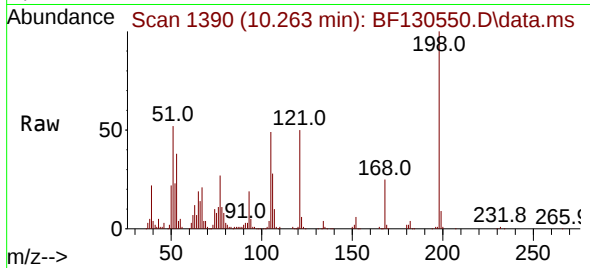
ClientSampleId :

PB148113BS

Tgt Ion:198 Resp: 86980
Ion Ratio Lower Upper
198 100
51 51.5 36.9 76.9
105 48.7 33.0 73.0

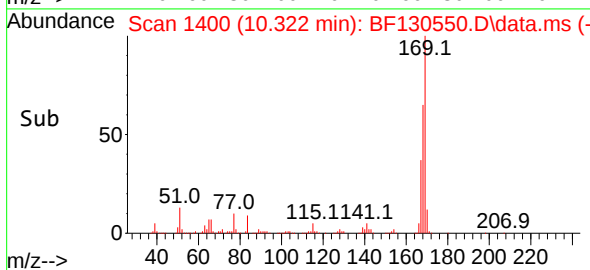
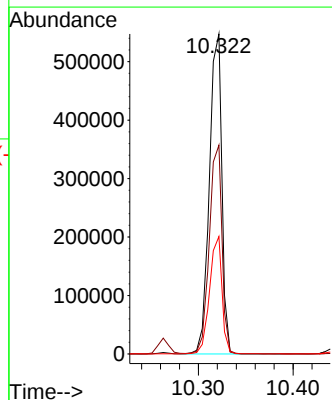
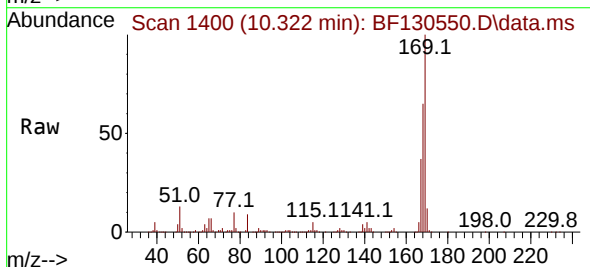
Manual Integrations
APPROVED

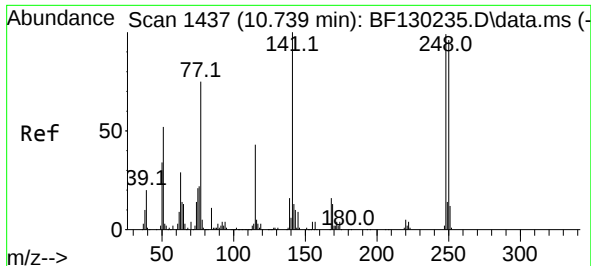
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#66
n-Nitrosodiphenylamine
Concen: 41.432 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

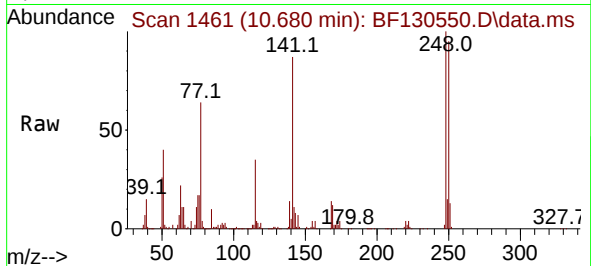
Tgt Ion:169 Resp: 499876
Ion Ratio Lower Upper
169 100
168 65.3 53.2 79.8
167 36.7 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 43.587 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

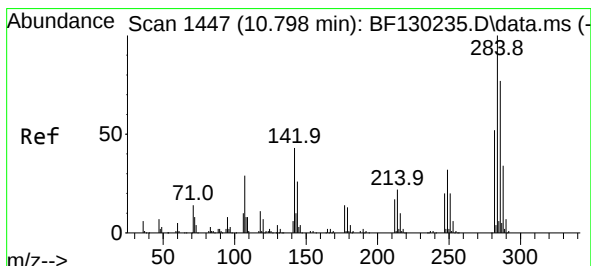
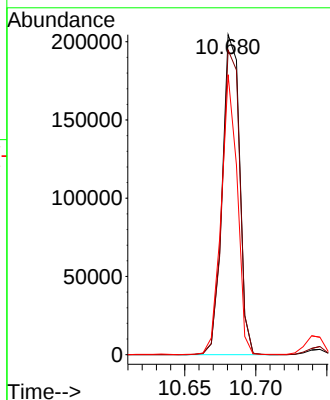
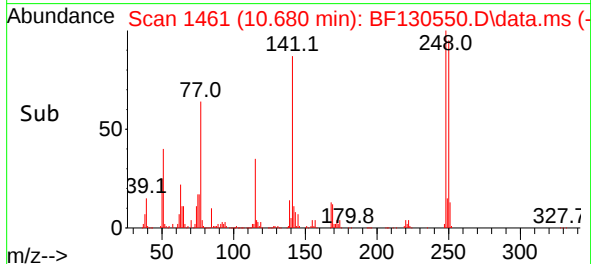
Instrument :
BNA_F
ClientSampleId :
PB148113BS



Tgt Ion:248 Resp: 17359
Ion Ratio Lower Upper
248 100
250 95.2 80.0 120.0
141 87.5 68.5 102.7

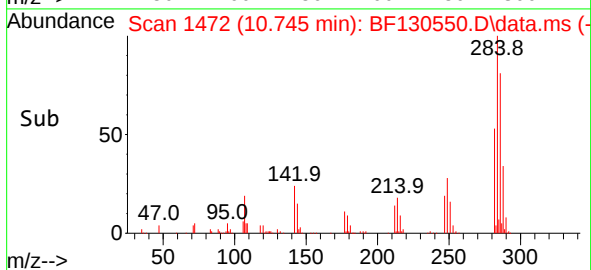
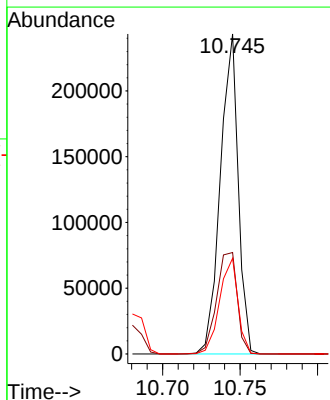
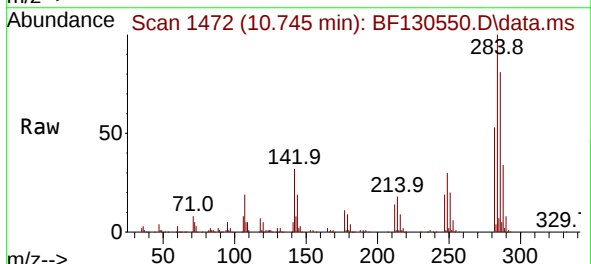
Manual Integrations
APPROVED

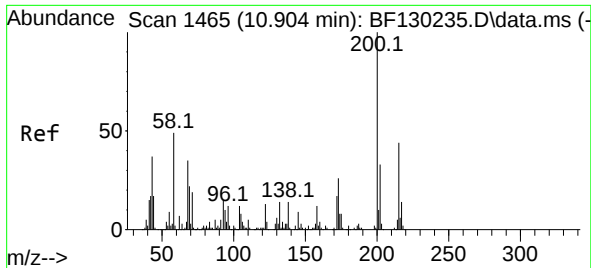
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#68
Hexachlorobenzene
Concen: 43.208 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.006 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

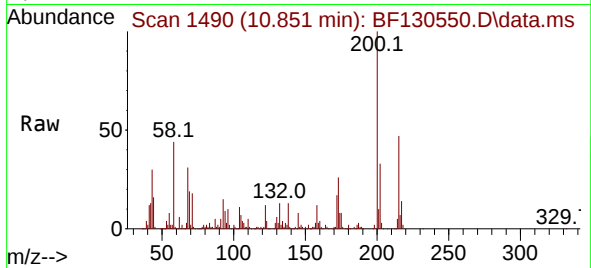
Tgt Ion:284 Resp: 195079
Ion Ratio Lower Upper
284 100
142 31.7 27.2 40.8
249 29.9 23.8 35.8





#69
 Atrazine
 Concen: 45.296 ng
 RT: 10.851 min Scan# 1465
 Delta R.T. 0.006 min
 Lab File: BF130550.D
 Acq: 06 Oct 2022 14:29

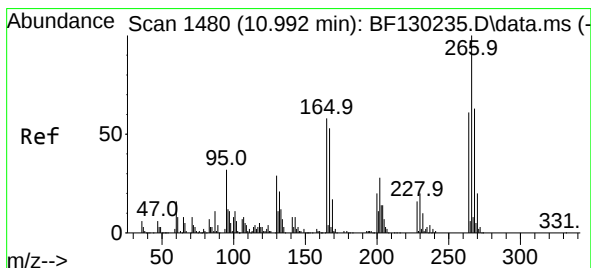
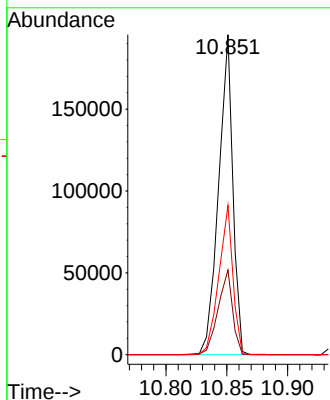
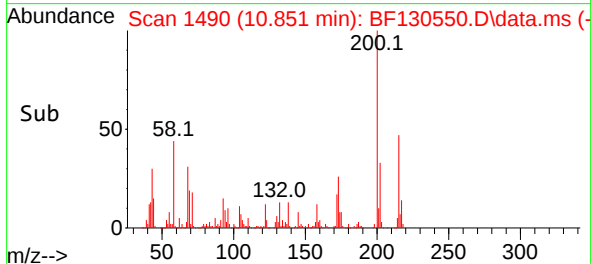
Instrument :
 BNA_F
 ClientSampleId :
 PB148113BS



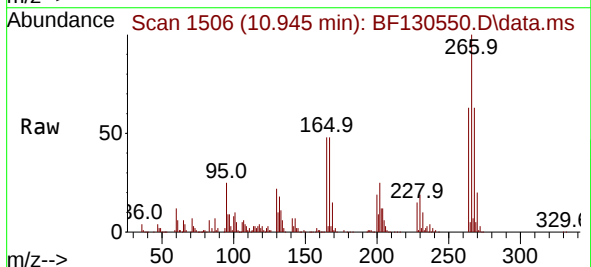
Tgt Ion:200 Resp: 159704
 Ion Ratio Lower Upper
 200 100
 173 26.4 6.2 46.2
 215 46.7 22.5 62.5

Manual Integrations
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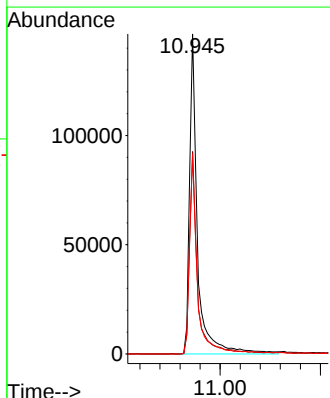
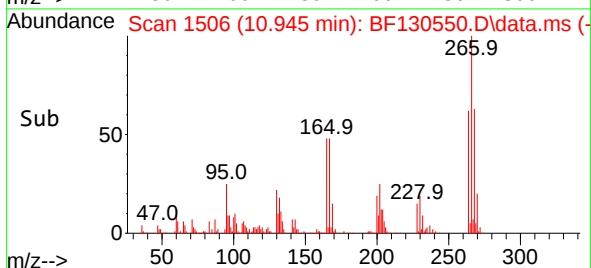
Reviewed By :Christian Giraldo 10/07/2022
 Supervised By :Jagrut Upadhyay 10/10/2022

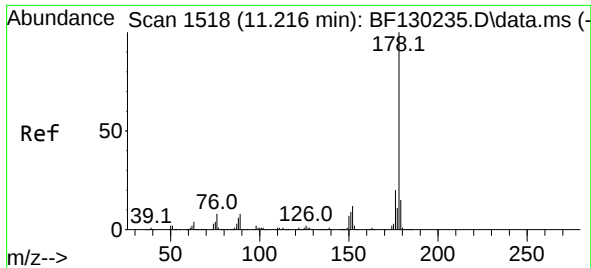


#70
 Pentachlorophenol
 Concen: 66.926 ng
 RT: 10.945 min Scan# 1506
 Delta R.T. -0.000 min
 Lab File: BF130550.D
 Acq: 06 Oct 2022 14:29



Tgt Ion:266 Resp: 162165
 Ion Ratio Lower Upper
 266 100
 268 63.3 50.5 75.7
 264 62.6 50.5 75.7





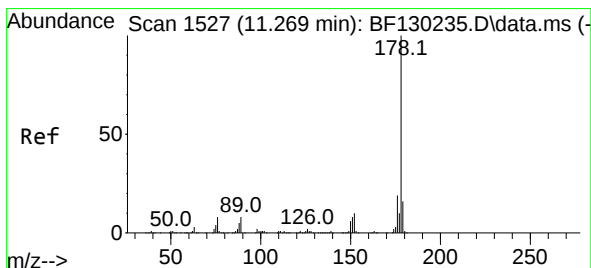
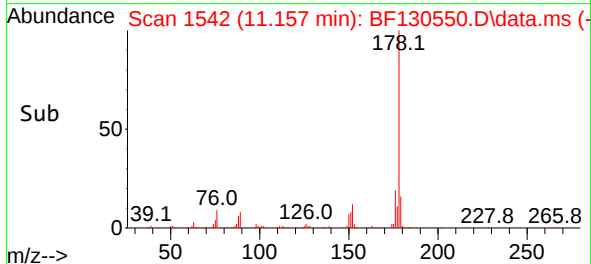
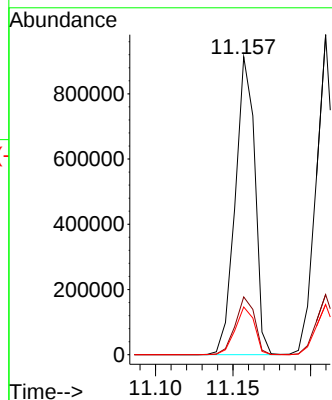
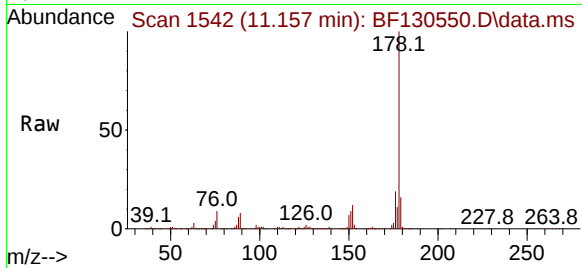
#71
Phenanthrene
Concen: 39.614 ng
RT: 11.157 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

Instrument :
BNA_F
ClientSampleId :
PB148113BS

Tgt Ion:178 Resp: 802980
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 16.0 12.4 18.6

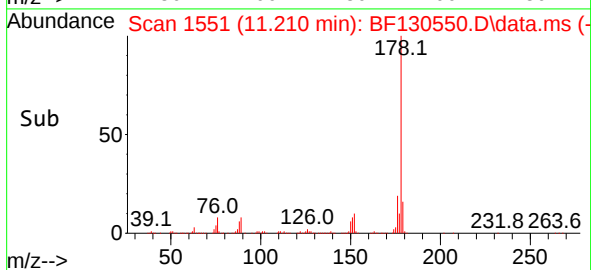
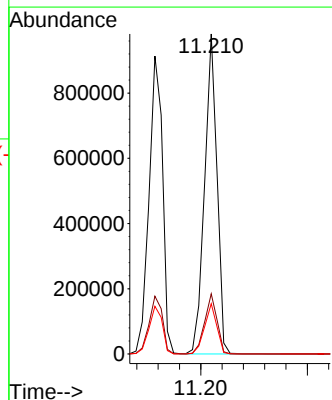
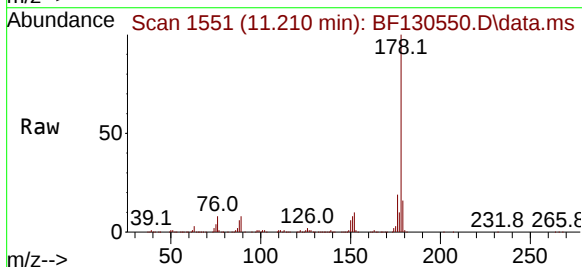
Manual Integrations
APPROVED

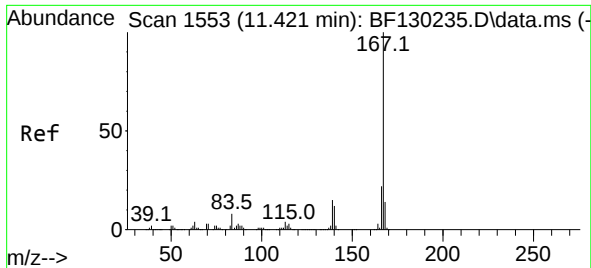
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#72
Anthracene
Concen: 40.667 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

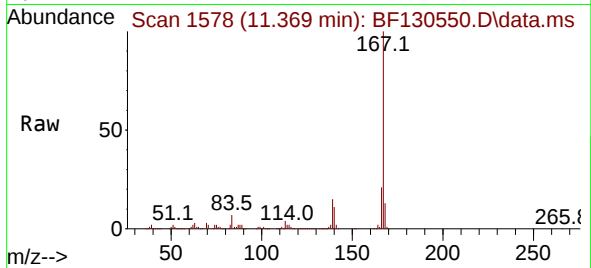
Tgt Ion:178 Resp: 795502
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.7 12.7 19.1





#73
 Carbazole
 Concen: 39.437 ng
 RT: 11.369 min Scan# 1634
 Delta R.T. -0.000 min
 Lab File: BF130550.D
 Acq: 06 Oct 2022 14:29

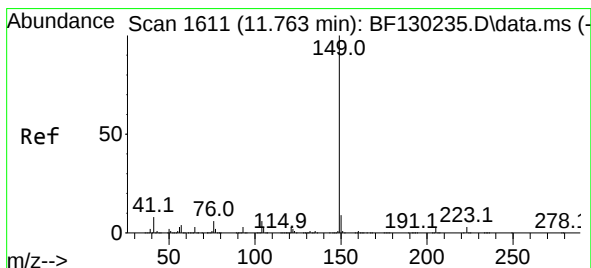
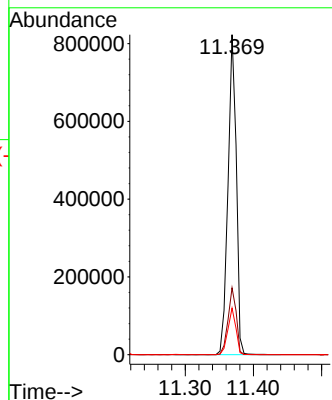
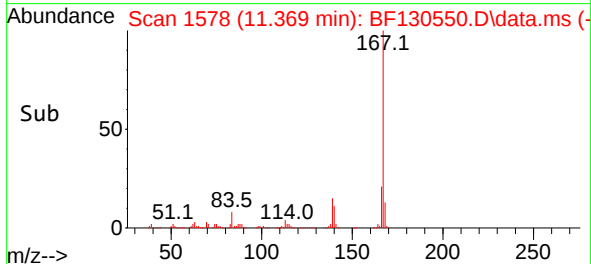
Instrument :
 BNA_F
 ClientSampleId :
 PB148113BS



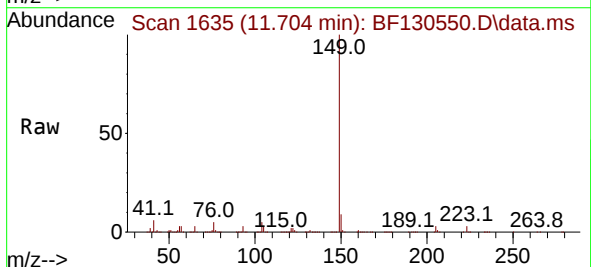
Tgt Ion:167 Resp: 696214
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.4 26.2
 139 14.6 11.6 17.4

Manual Integrations
 APPROVED

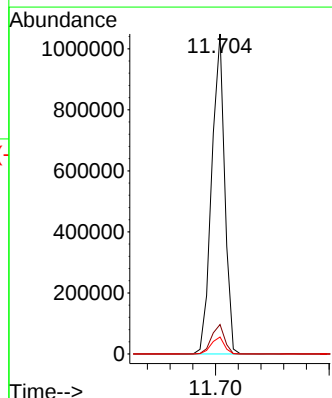
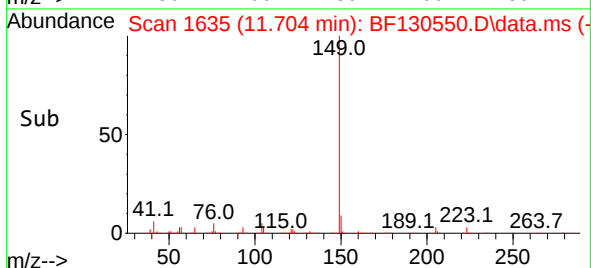
Reviewed By :Christian Giraldo 10/07/2022
 Supervised By :Jagrut Upadhyay 10/10/2022

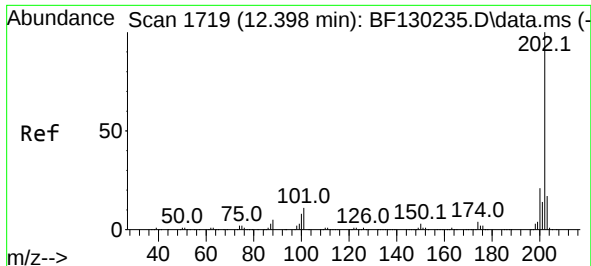


#74
 Di-n-butylphthalate
 Concen: 38.996 ng
 RT: 11.704 min Scan# 1635
 Delta R.T. -0.000 min
 Lab File: BF130550.D
 Acq: 06 Oct 2022 14:29



Tgt Ion:149 Resp: 830173
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.3 4.8 7.2





#75
Fluoranthene
Concen: 37.169 ng
RT: 12.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

Instrument :

BNA_F

ClientSampleId :

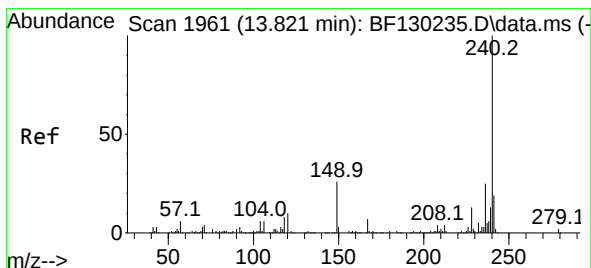
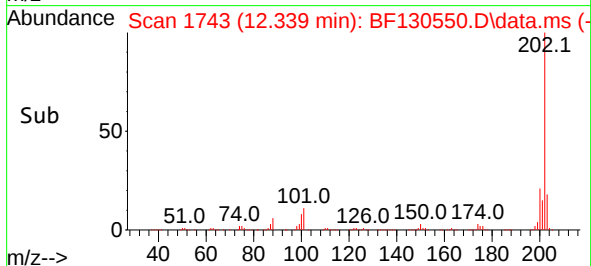
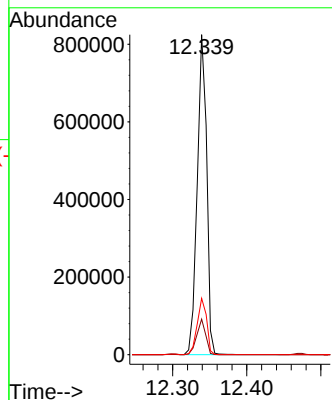
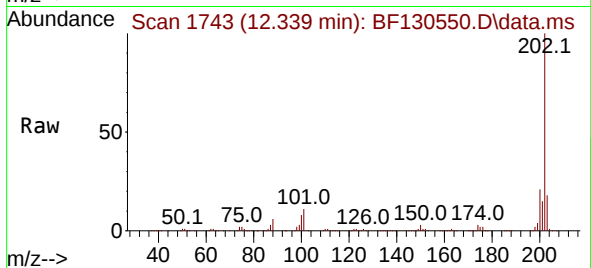
PB148113BS

Tgt Ion:202 Resp: 72803
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.8
203 17.6 0.0 37.8

Manual Integrations

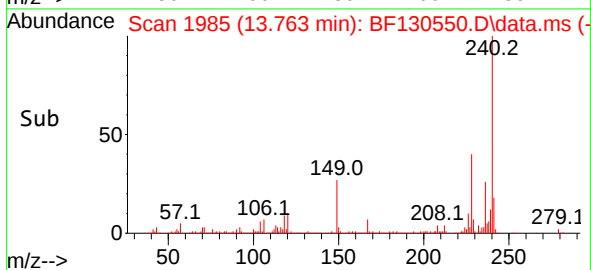
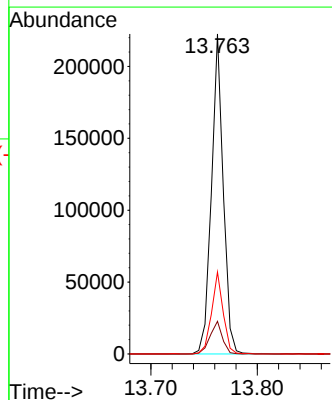
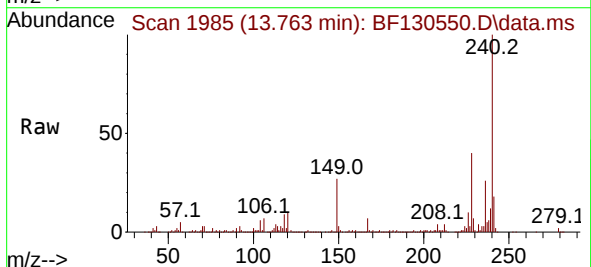
APPROVED

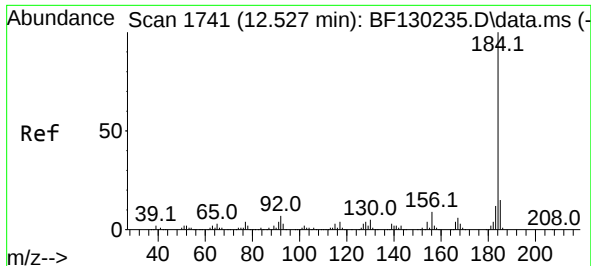
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.763 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

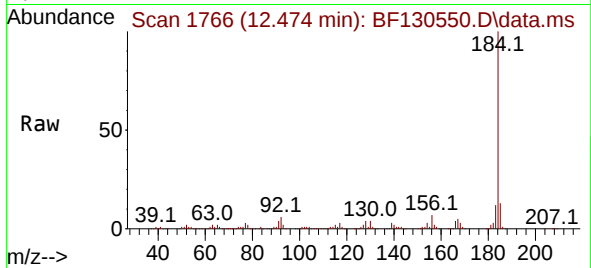
Tgt Ion:240 Resp: 171260
Ion Ratio Lower Upper
240 100
120 10.2 8.7 13.1
236 25.6 20.9 31.3





#77
Benzidine
Concen: 71.576 ng
RT: 12.474 min Scan# 1766
Delta R.T. 0.006 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

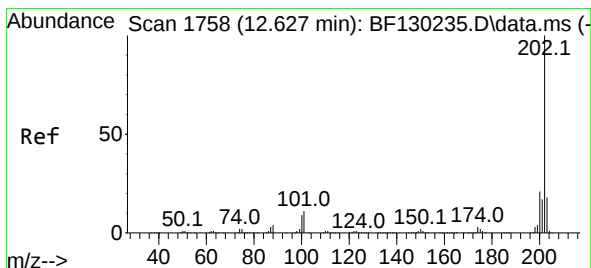
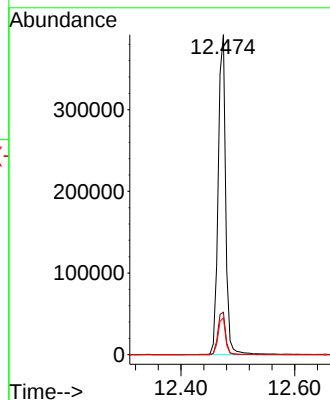
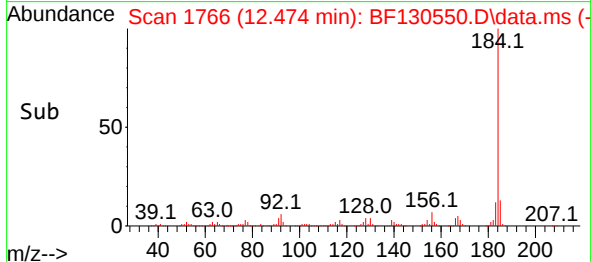
Instrument :
BNA_F
ClientSampleId :
PB148113BS



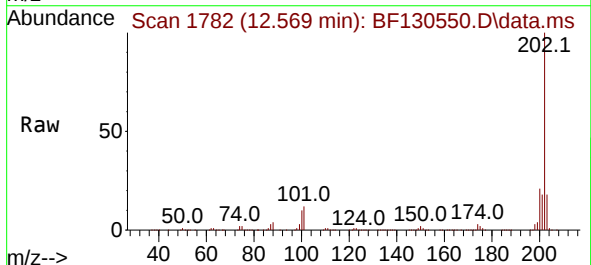
Tgt Ion:184 Resp: 35584
Ion Ratio Lower Upper
184 100
185 13.2 11.8 17.6
183 11.5 9.1 13.7

Manual Integrations
APPROVED

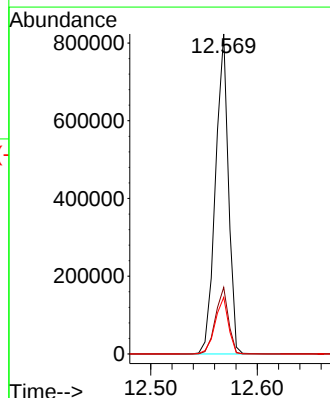
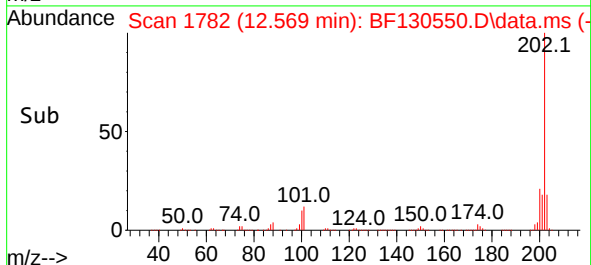
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

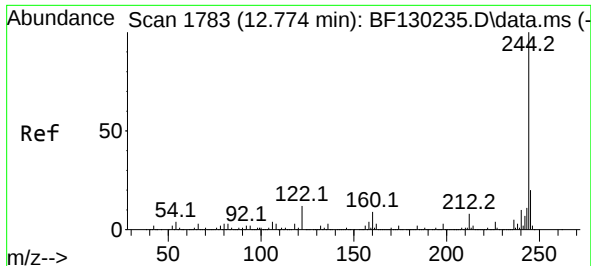


#78
Pyrene
Concen: 46.443 ng
RT: 12.569 min Scan# 1782
Delta R.T. 0.006 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29



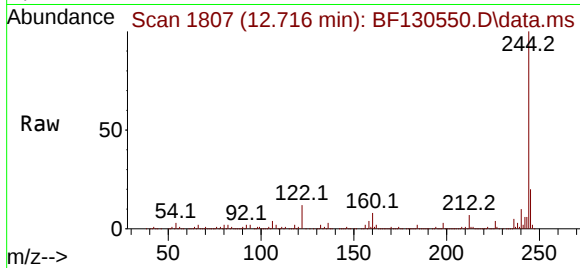
Tgt Ion:202 Resp: 695809
Ion Ratio Lower Upper
202 100
200 20.8 17.2 25.8
203 17.7 14.3 21.5





#79
 Terphenyl-d14
 Concen: 102.086 ng
 RT: 12.716 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130550.D
 Acq: 06 Oct 2022 14:29

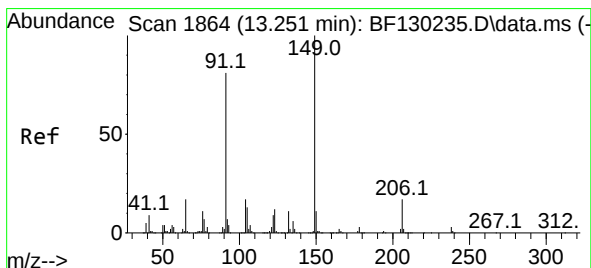
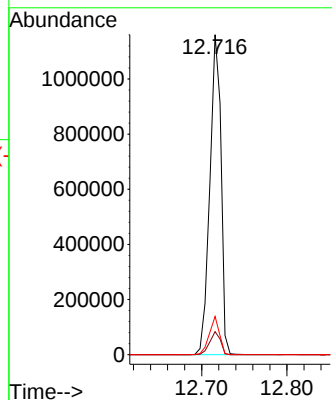
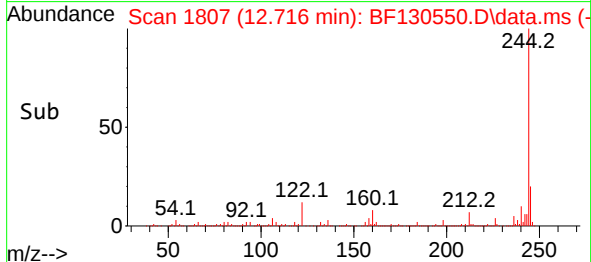
Instrument :
 BNA_F
 ClientSampleId :
 PB148113BS



Tgt Ion:244 Resp: 105544
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.9 8.5 12.7

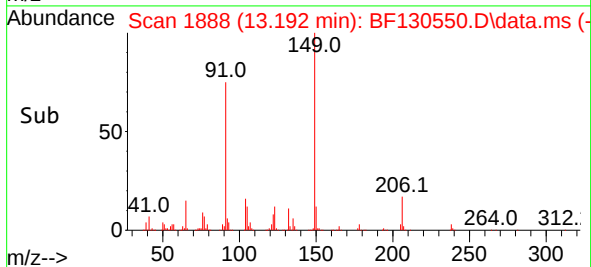
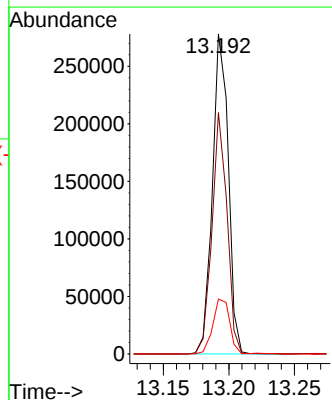
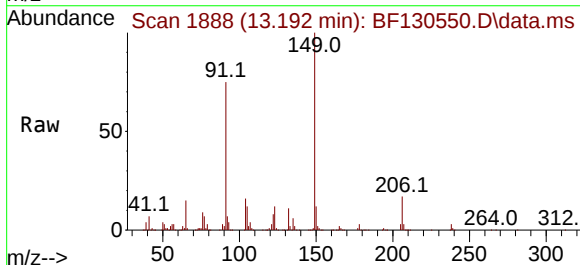
Manual Integrations
 APPROVED

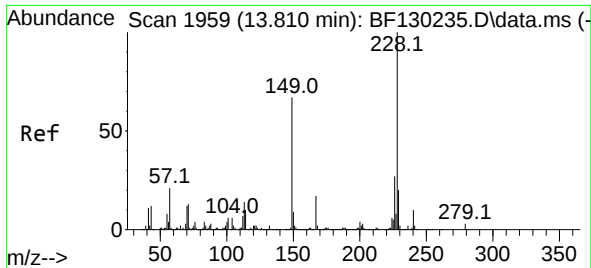
Reviewed By :Christian Giraldo 10/07/2022
 Supervised By :Jagrut Upadhyay 10/10/2022



#80
 Butylbenzylphthalate
 Concen: 42.160 ng
 RT: 13.192 min Scan# 1888
 Delta R.T. -0.000 min
 Lab File: BF130550.D
 Acq: 06 Oct 2022 14:29

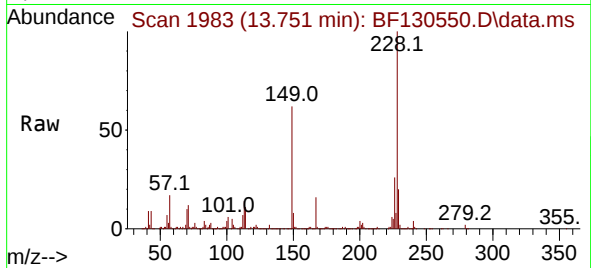
Tgt Ion:149 Resp: 233995
 Ion Ratio Lower Upper
 149 100
 91 75.4 59.8 89.8
 206 17.1 13.9 20.9





#81
Benzo(a)anthracene
Concen: 41.279 ng
RT: 13.751 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

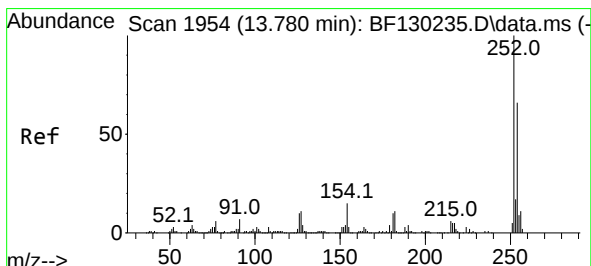
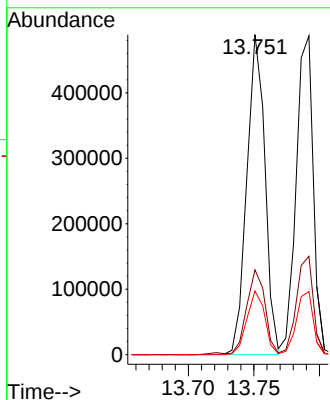
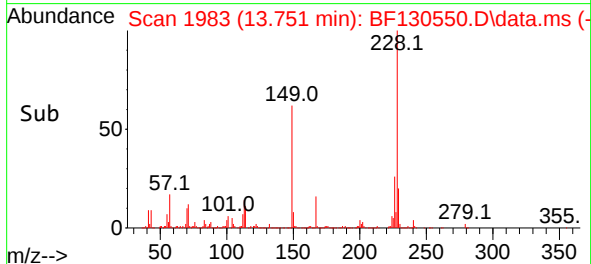
Instrument :
BNA_F
ClientSampleId :
PB148113BS



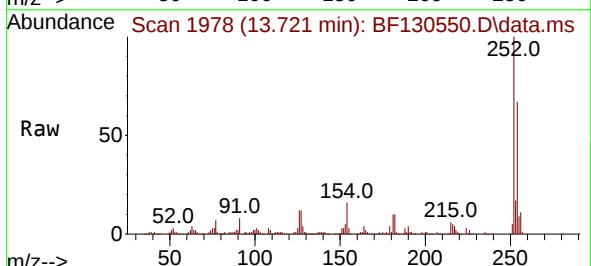
Tgt Ion:228 Resp: 470288
Ion Ratio Lower Upper
228 100
226 26.5 21.9 32.9
229 19.9 16.1 24.1

Manual Integrations
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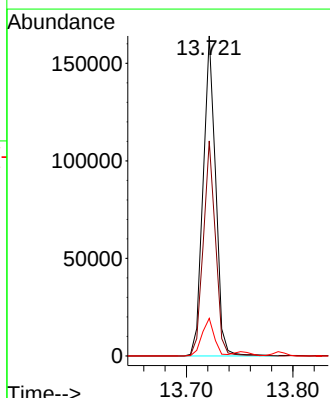
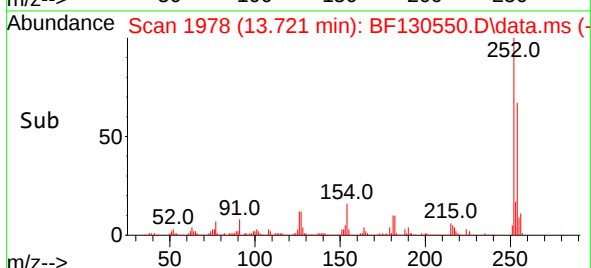
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

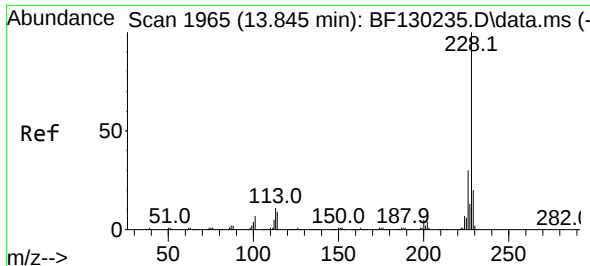


#82
3,3'-Dichlorobenzidine
Concen: 43.457 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29



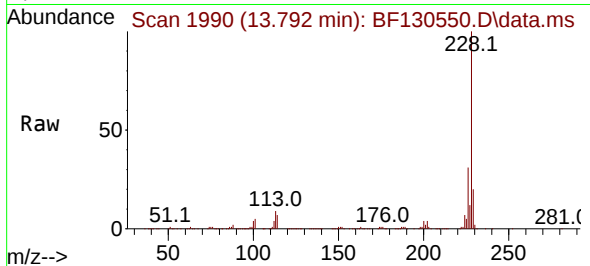
Tgt Ion:252 Resp: 134774
Ion Ratio Lower Upper
252 100
254 67.2 51.1 76.7
126 11.7 10.4 15.6





#83
Chrysene
Concen: 40.919 ng
RT: 13.792 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

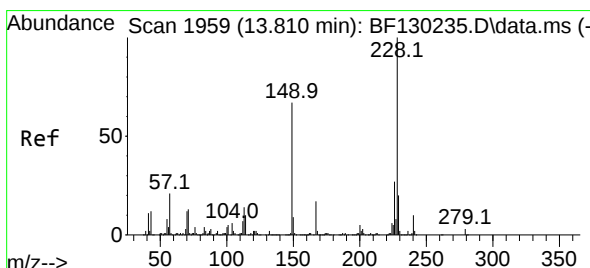
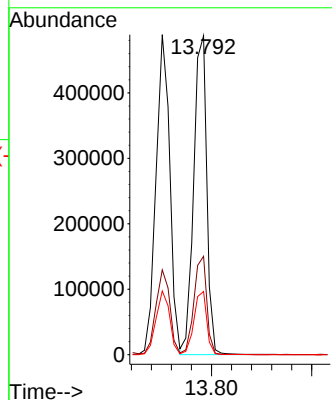
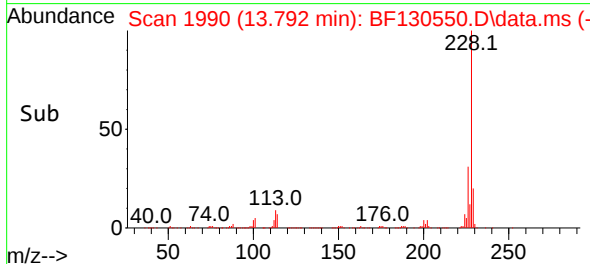
Instrument :
BNA_F
ClientSampleId :
PB148113BS



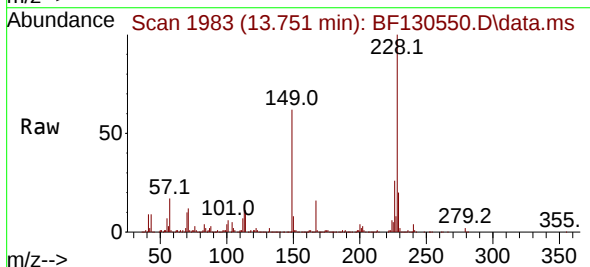
Tgt Ion:228 Resp: 44264
Ion Ratio Lower Upper
228 100
226 30.9 23.8 35.8
229 19.8 15.3 22.9

Manual Integrations
APPROVED

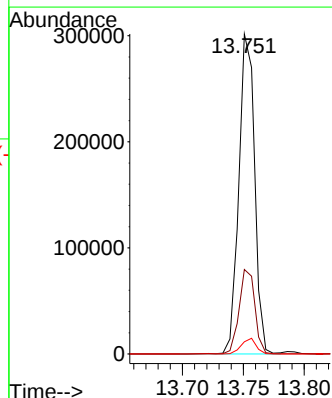
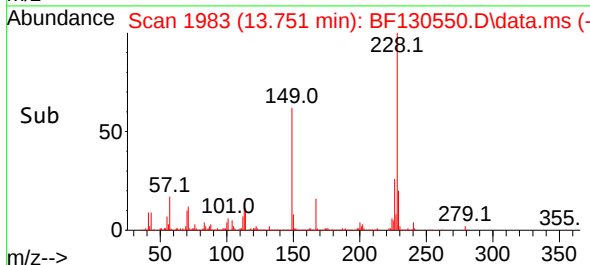
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

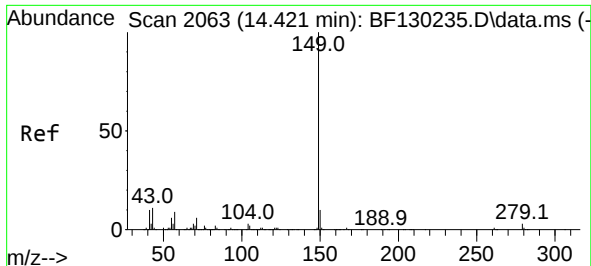


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.831 ng
RT: 13.751 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29



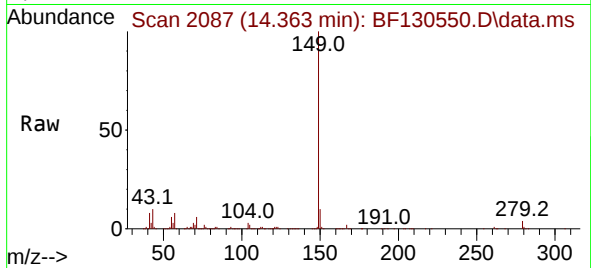
Tgt Ion:149 Resp: 272296
Ion Ratio Lower Upper
149 100
167 26.4 20.5 30.7
279 3.8 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 46.638 ng
RT: 14.363 min Scan# 2063
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

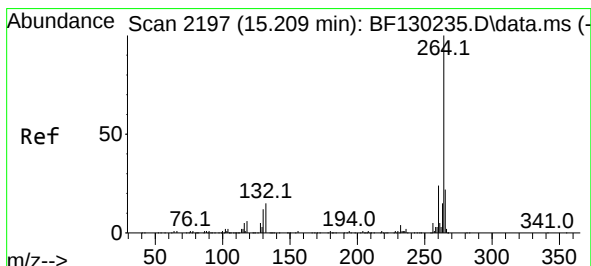
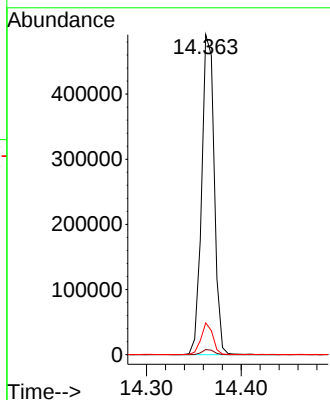
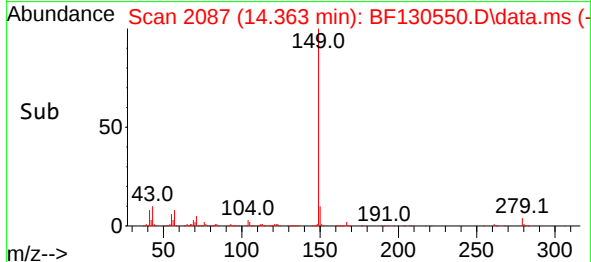
Instrument :
BNA_F
ClientSampleId :
PB148113BS



Tgt Ion:149 Resp: 45349
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.3 8.7 13.1

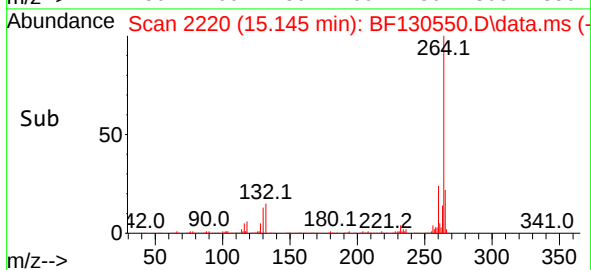
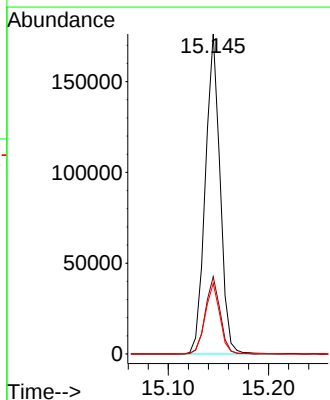
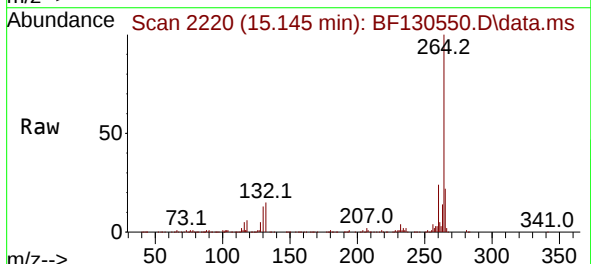
Manual Integrations
APPROVED

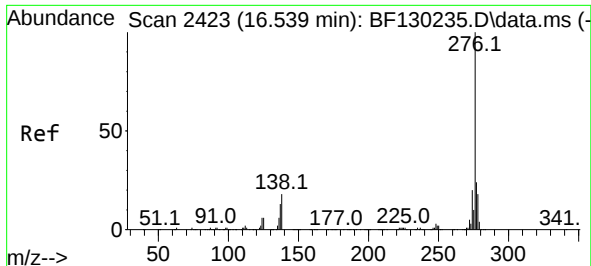
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

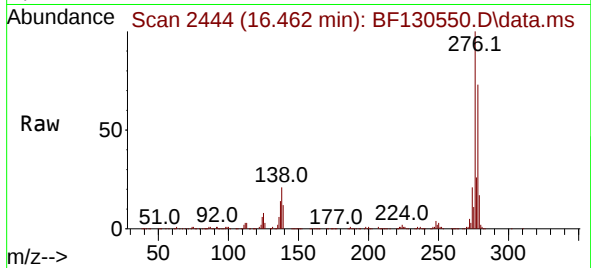
Tgt Ion:264 Resp: 180343
Ion Ratio Lower Upper
264 100
260 24.2 19.3 28.9
265 22.1 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.576 ng
RT: 16.462 min Scan# 2444
Delta R.T. 0.006 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

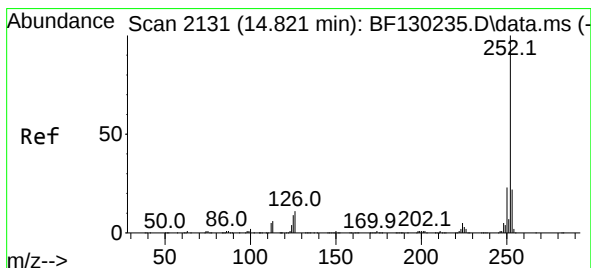
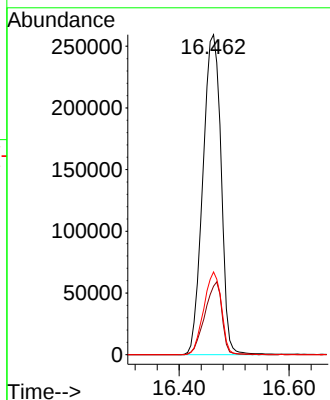
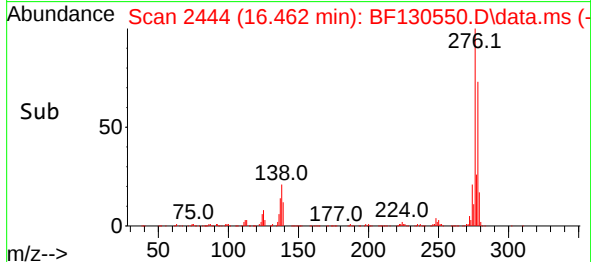
Instrument :
BNA_F
ClientSampleId :
PB148113BS



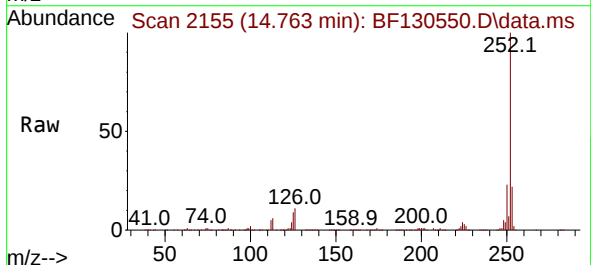
Tgt Ion:276 Resp: 595649
Ion Ratio Lower Upper
276 100
138 21.4 18.5 27.7
277 25.1 20.2 30.4

Manual Integrations
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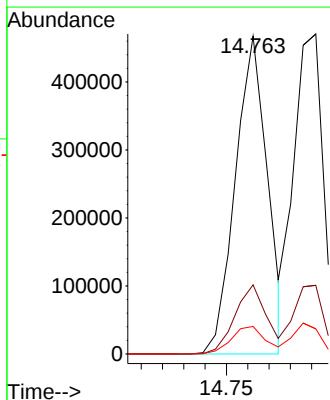
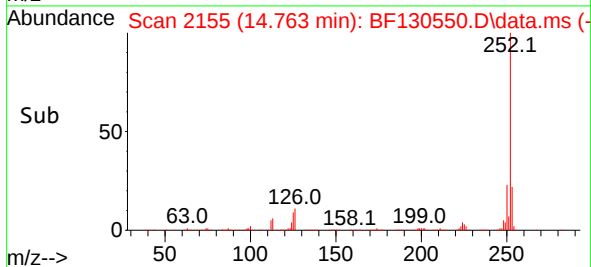
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

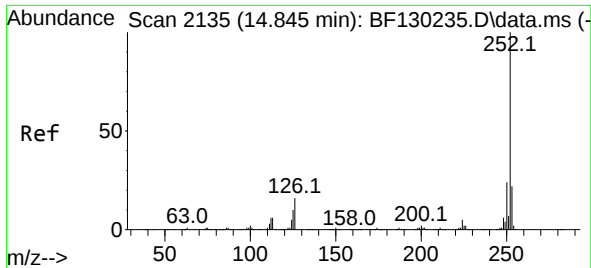


#88
Benzo(b)fluoranthene
Concen: 41.659 ng
RT: 14.763 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29



Tgt Ion:252 Resp: 490366
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 8.6 8.1 12.1





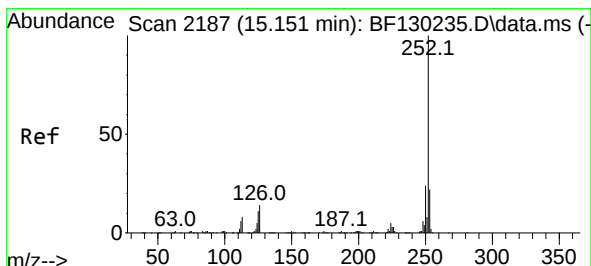
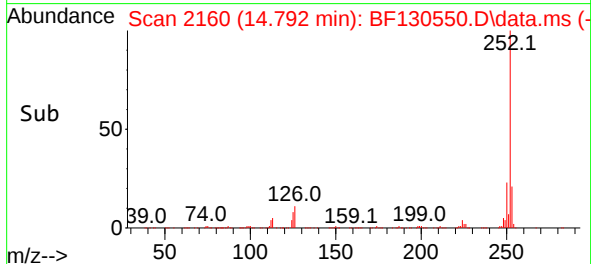
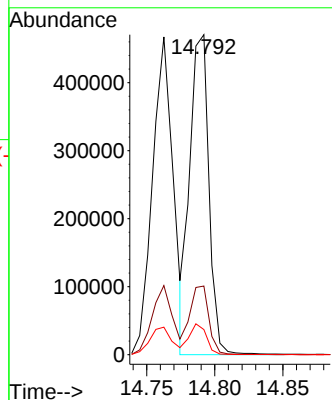
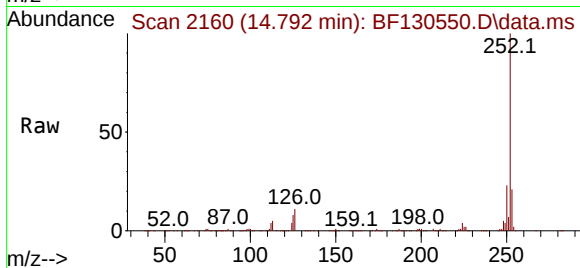
#89
Benzo(k)fluoranthene
Concen: 39.870 ng m
RT: 14.792 min Scan# 2115
Delta R.T. 0.006 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

Instrument :
BNA_F
ClientSampleId :
PB148113BS

Tgt Ion:252 Resp: 461652
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 7.8 7.9 11.9

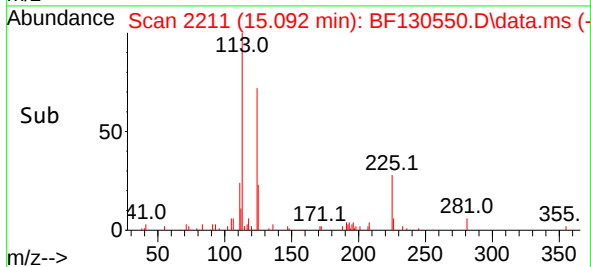
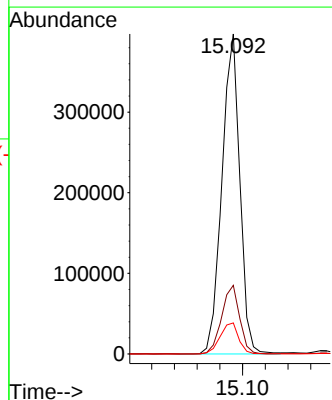
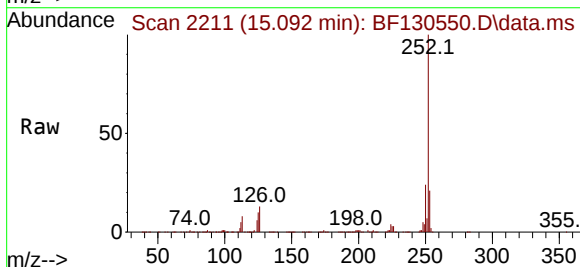
Manual Integrations
APPROVED

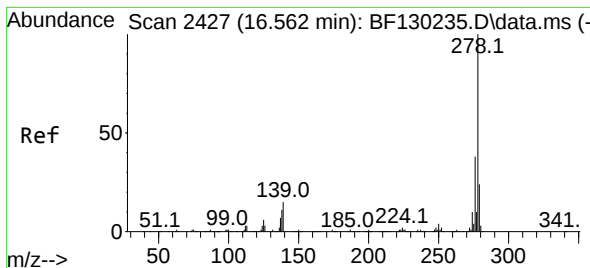
Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#90
Benzo(a)pyrene
Concen: 46.641 ng
RT: 15.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BF130550.D
Acq: 06 Oct 2022 14:29

Tgt Ion:252 Resp: 434948
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 9.7 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 49.051 ng

RT: 16.474 min Scan# 2446

Delta R.T. -0.000 min

Lab File: BF130550.D

Acq: 06 Oct 2022 14:29

Instrument :

BNA_F

ClientSampleId :

PB148113BS

Tgt Ion:278 Resp: 514609

Ion Ratio Lower Upper

278 100

139 13.2 11.8 17.8

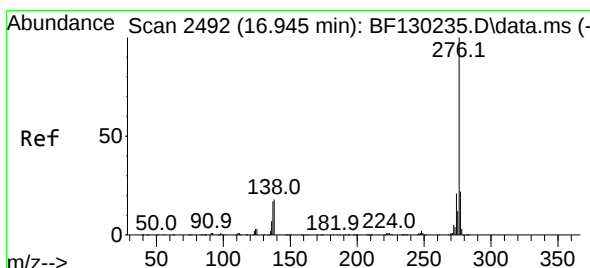
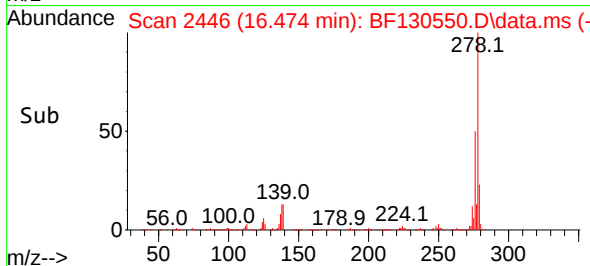
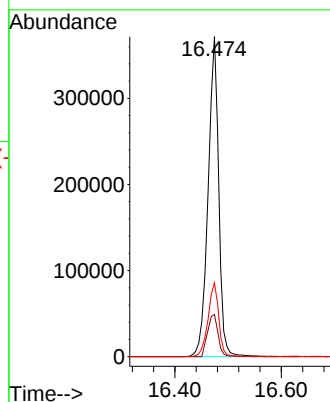
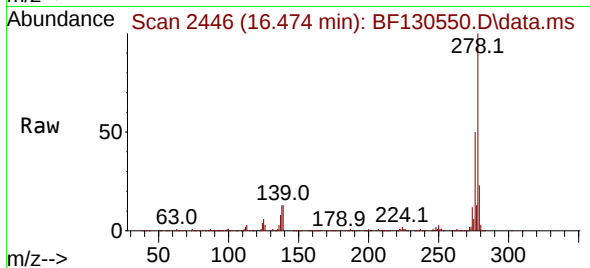
279 23.0 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/07/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#92

Benzo(g,h,i)perylene

Concen: 48.661 ng

RT: 16.857 min Scan# 2511

Delta R.T. 0.006 min

Lab File: BF130550.D

Acq: 06 Oct 2022 14:29

Tgt Ion:276 Resp: 514267

Ion Ratio Lower Upper

276 100

277 23.6 18.6 27.8

138 18.7 14.6 21.8

