

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134211.D
 Acq On : 11 Jul 2023 13:27
 Operator : CG\JU
 Sample : PB153791BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 01:03:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	116266	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	463533	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	229049	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	449463	20.000	ng	0.00
76) Chrysene-d12	14.039	240	192025	20.000	ng	0.00
86) Perylene-d12	15.545	264	184695	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	887824	127.735	ng	0.01
7) Phenol-d6	6.487	99	1107844	129.606	ng	0.00
23) Nitrobenzene-d5	7.410	82	700753	81.492	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	359153	125.061	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1328988	84.358	ng	0.00
79) Terphenyl-d14	12.974	244	1474909	123.617	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.699	88	93658	32.680	ng 98
3) Pyridine	3.475	79	230849	30.924	ng 98
4) n-Nitrosodimethylamine	3.434	42	164559	38.597	ng 99
6) Aniline	6.510	93	385299	37.043	ng 92
8) 2-Chlorophenol	6.634	128	328251	46.523	ng 95
9) Benzaldehyde	6.398	77	213717	47.977	ng 97
10) Phenol	6.504	94	406272	45.205	ng 84
11) bis(2-Chloroethyl)ether	6.587	93	298688	45.142	ng 94
12) 1,3-Dichlorobenzene	6.787	146	357634	47.544	ng 97
13) 1,4-Dichlorobenzene	6.863	146	347859	45.785	ng 98
14) 1,2-Dichlorobenzene	7.010	146	343282	48.244	ng 97
15) Benzyl Alcohol	6.993	79	287823	43.679	ng 98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	487046	41.608	ng 96
17) 2-Methylphenol	7.104	107	259283	41.038	ng 98
18) Hexachloroethane	7.351	117	130918	46.472	ng 96
19) n-Nitroso-di-n-propyla...	7.263	70	230696	42.558	ng 98
20) 3+4-Methylphenols	7.257	107	330675	43.141	ng 95
22) Acetophenone	7.257	105	449375	42.627	ng # 98
24) Nitrobenzene	7.434	77	353998	40.738	ng 100
25) Isophorone	7.669	82	633862	40.559	ng 99
26) 2-Nitrophenol	7.745	139	186151	44.656	ng 98
27) 2,4-Dimethylphenol	7.781	122	267363	40.519	ng 96
28) bis(2-Chloroethoxy)met...	7.875	93	365988	40.444	ng 99
29) 2,4-Dichlorophenol	7.987	162	265954	40.646	ng 96
30) 1,2,4-Trichlorobenzene	8.069	180	289303	42.851	ng 100
31) Naphthalene	8.151	128	874923	39.076	ng 100
32) Benzoic acid	7.904	122	148985	30.132	ng 98
33) 4-Chloroaniline	8.198	127	172550	18.016	ng 98
34) Hexachlorobutadiene	8.257	225	182475	42.846	ng 98
35) Caprolactam	8.581	113	64855	30.103	ng 95
36) 4-Chloro-3-methylphenol	8.687	107	303825	41.334	ng 98
37) 2-Methylnaphthalene	8.839	142	625956	39.534	ng 99
38) 1-Methylnaphthalene	8.939	142	575275	39.083	ng 100
40) 1,2,4,5-Tetrachloroben...	9.010	216	300269	44.249	ng 98
41) Hexachlorocyclopentadiene	8.992	237	310589	96.475	ng 99
43) 2,4,6-Trichlorophenol	9.122	196	186887	40.456	ng 99

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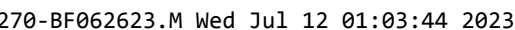
Instrument :
 BNA_F
 ClientSampleId :

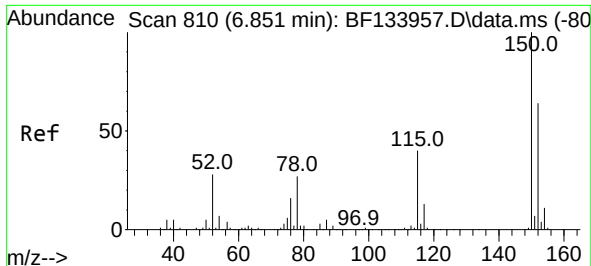
Quant Time: Jul 12 01:03:31 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	213806	39.347	ng	98
46) 1,1'-Biphenyl	9.304	154	728035	39.624	ng	98
47) 2-Chloronaphthalene	9.334	162	573667	42.673	ng	99
48) 2-Nitroaniline	9.434	65	205809	42.007	ng	90
49) Acenaphthylene	9.745	152	964368	41.994	ng	100
50) Dimethylphthalate	9.610	163	694919	41.795	ng	100
51) 2,6-Dinitrotoluene	9.675	165	156520	43.707	ng	95
52) Acenaphthene	9.922	154	563021	42.252	ng	98
53) 3-Nitroaniline	9.845	138	136267	31.718	ng	97
54) 2,4-Dinitrophenol	9.957	184	156625	75.939	ng	95
55) Dibenzofuran	10.092	168	764802	36.725	ng	100
56) 4-Nitrophenol	10.016	139	243064	80.884	ng	98
57) 2,4-Dinitrotoluene	10.086	165	184075	38.922	ng	98
58) Fluorene	10.439	166	688750	42.511	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	184489	43.043	ng	98
60) Diethylphthalate	10.310	149	717032	41.393	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	327509	41.946	ng	99
62) 4-Nitroaniline	10.469	138	177841	41.075	ng	95
63) Azobenzene	10.592	77	677826	41.367	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	114183	46.597	ng	98
66) n-Nitrosodiphenylamine	10.551	169	607467	42.301	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	205018	42.915	ng	97
68) Hexachlorobenzene	10.986	284	239283	47.174	ng	98
69) Atrazine	11.080	200	201139	50.636	ng	98
70) Pentachlorophenol	11.186	266	222082	73.226	ng	98
71) Phenanthrene	11.404	178	992544	43.866	ng	99
72) Anthracene	11.457	178	1016446	43.190	ng	99
73) Carbazole	11.616	167	959883	44.560	ng	99
74) Di-n-butylphthalate	11.945	149	1080506	42.180	ng	99
75) Fluoranthene	12.604	202	1024130	41.867	ng	99
77) Benzidine	12.727	184	374097	81.875	ng	99
78) Pyrene	12.833	202	1031365	57.713	ng	100
80) Butylbenzylphthalate	13.457	149	365710	54.565	ng	97
81) Benzo(a)anthracene	14.033	228	584434	43.885	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	140782	33.367	ng	# 99
83) Chrysene	14.069	228	543948	42.171	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	334655	43.454	ng	99
85) Di-n-octyl phthalate	14.639	149	480392	42.452	ng	98
87) Indeno(1,2,3-cd)pyrene	17.098	276	632223	49.331	ng	97
88) Benzo(b)fluoranthene	15.104	252	482201	44.401	ng	98
89) Benzo(k)fluoranthene	15.133	252	480894	43.491	ng	98
90) Benzo(a)pyrene	15.480	252	440549	41.950	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	515428	49.239	ng	97
92) Benzo(g,h,i)perylene	17.574	276	522165	48.371	ng	95

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

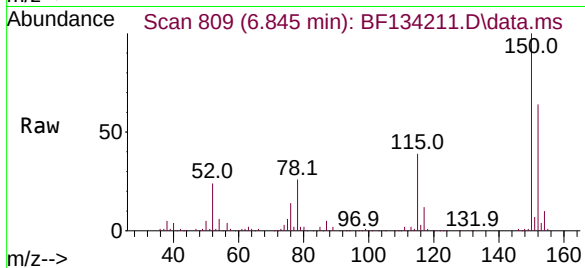
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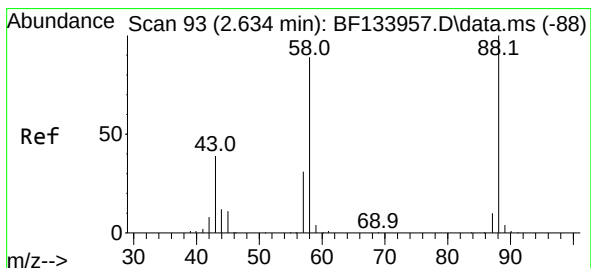
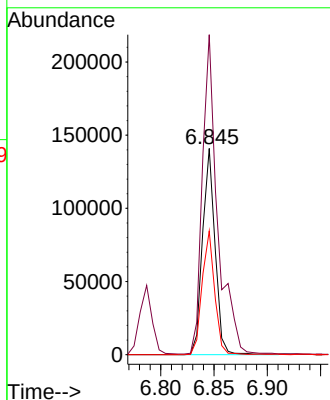
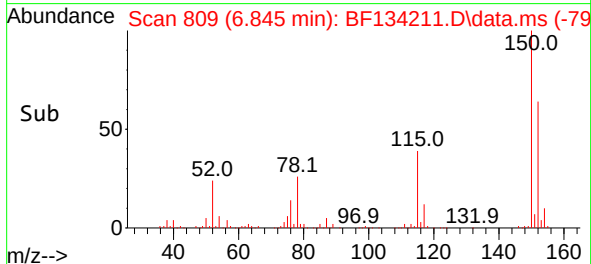


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134211.D
 Acq: 11 Jul 2023 13:27

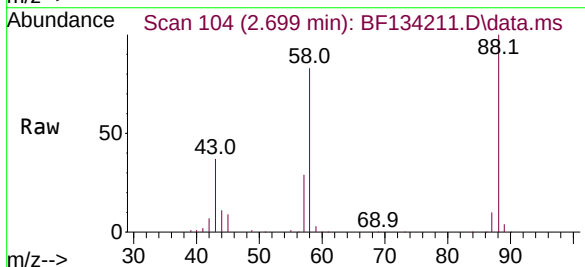
Instrument :
 BNA_F
 ClientSampleId :



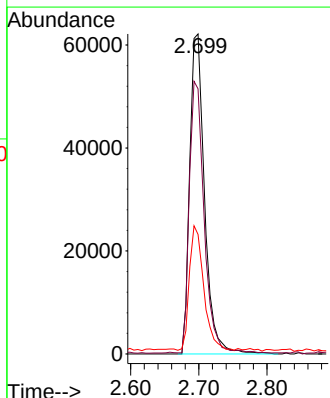
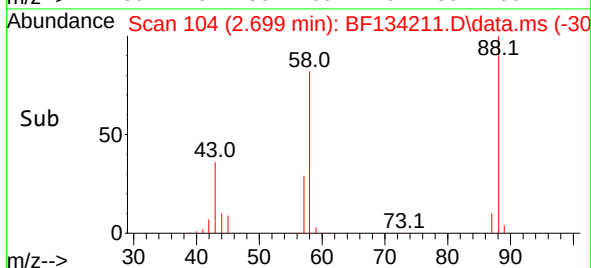
Tgt Ion:152 Resp: 116266
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.5 186.7
 115 60.0 50.2 75.2

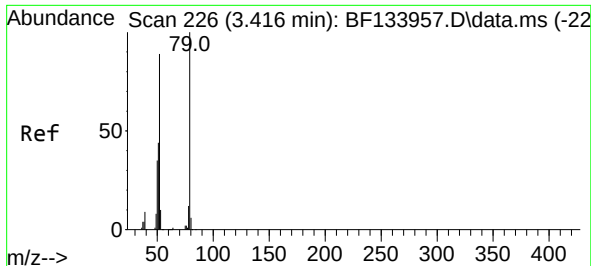


#2
 1,4-Dioxane
 Concen: 32.680 ng
 RT: 2.699 min Scan# 104
 Delta R.T. 0.082 min
 Lab File: BF134211.D
 Acq: 11 Jul 2023 13:27



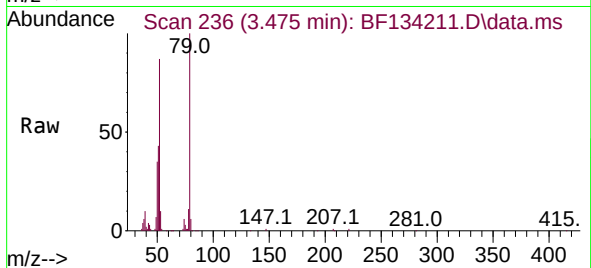
Tgt Ion: 88 Resp: 93658
 Ion Ratio Lower Upper
 88 100
 58 84.5 68.8 103.2
 43 37.5 30.7 46.1



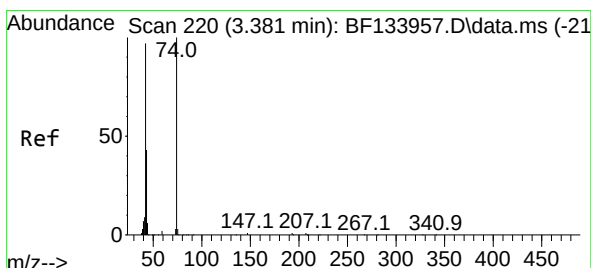
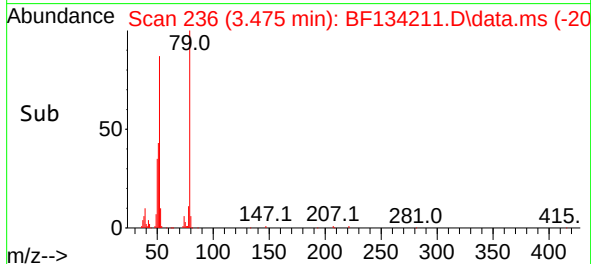
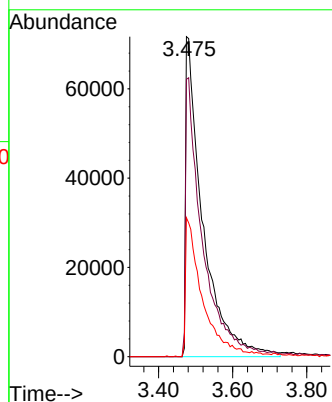


#3
Pyridine
Concen: 30.924 ng
RT: 3.475 min Scan# 21
Delta R.T. 0.077 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Instrument :
BNA_F
ClientSampleId :

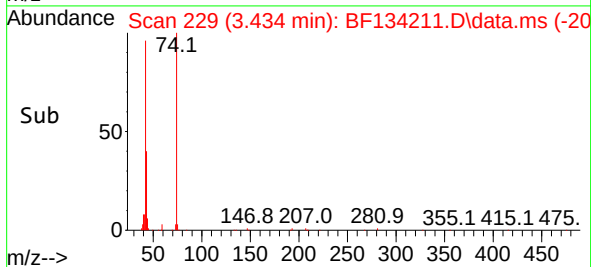
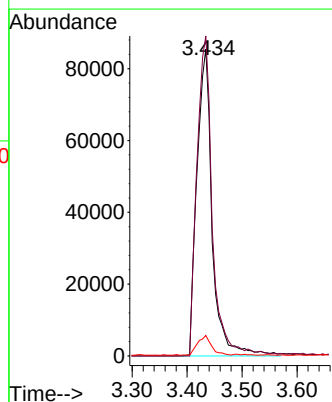
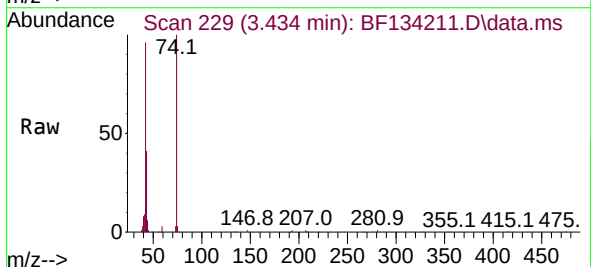


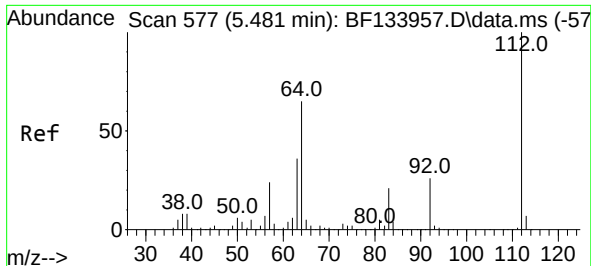
Tgt Ion: 79 Resp: 230849
Ion Ratio Lower Upper
79 100
52 86.7 71.1 106.7
51 43.4 35.2 52.8



#4
n-Nitrosodimethylamine
Concen: 38.597 ng
RT: 3.434 min Scan# 229
Delta R.T. 0.071 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion: 42 Resp: 164559
Ion Ratio Lower Upper
42 100
74 104.3 82.4 123.6
44 6.7 4.9 7.3

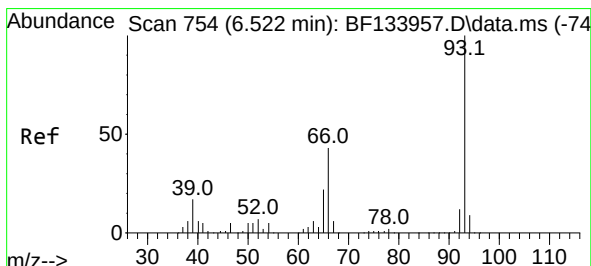
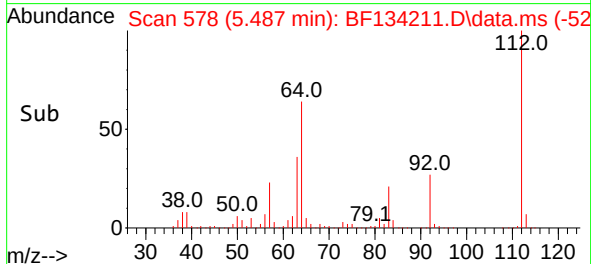
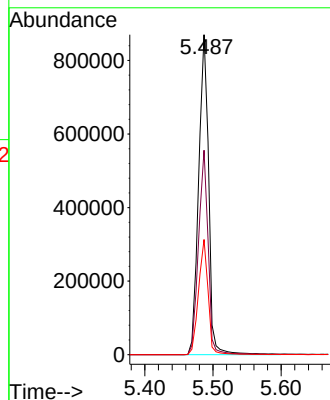
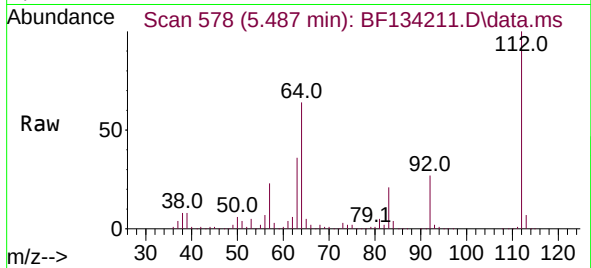




#5
2-Fluorophenol
Concen: 127.735 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

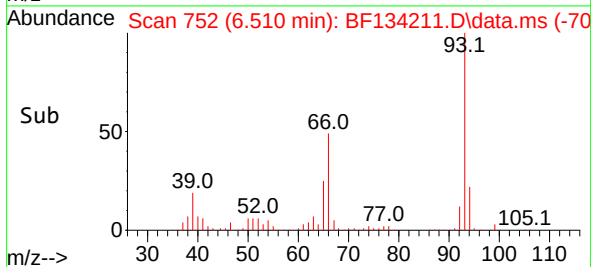
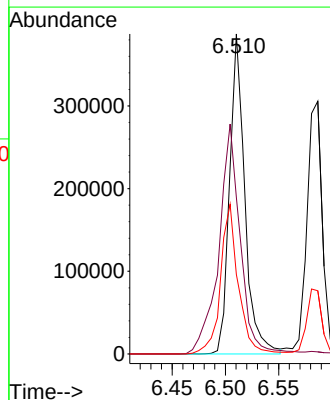
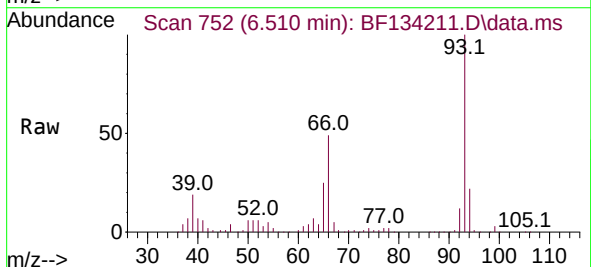
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BNA_F
ClientSampleId :

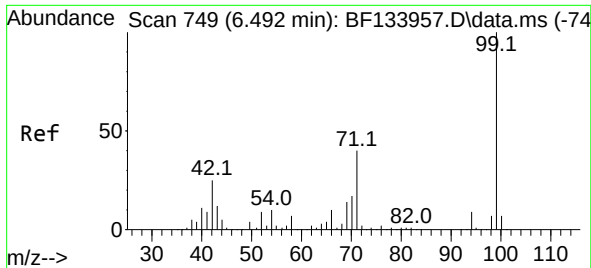
Tgt Ion:112 Resp: 887824
Ion Ratio Lower Upper
112 100
64 63.9 52.1 78.1
63 36.0 28.6 42.8



#6
Aniline
Concen: 37.043 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion: 93 Resp: 385299
Ion Ratio Lower Upper
93 100
66 48.9 34.5 51.7
65 24.8 17.8 26.6





#7

Phenol-d6

Concen: 129.606 ng

RT: 6.487 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

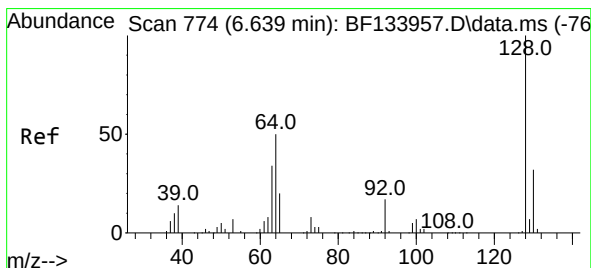
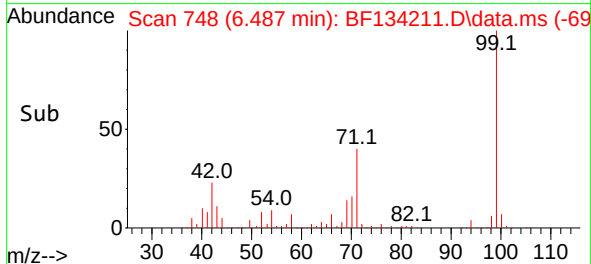
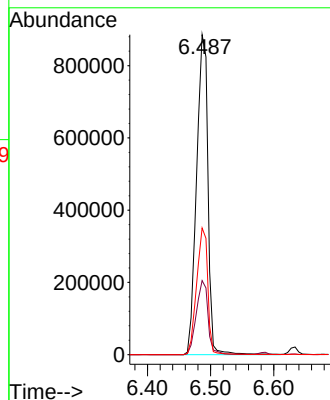
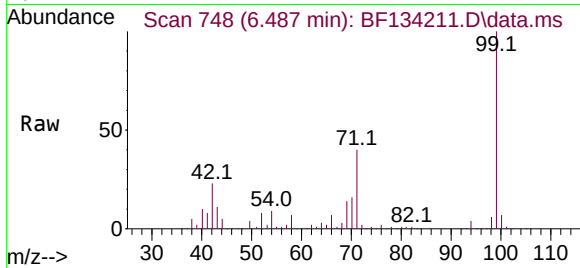
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 99 Resp: 1107844

Ion	Ratio	Lower	Upper
99	100		
42	23.1	19.8	29.6
71	39.6	31.9	47.9



#8

2-Chlorophenol

Concen: 46.523 ng

RT: 6.634 min Scan# 773

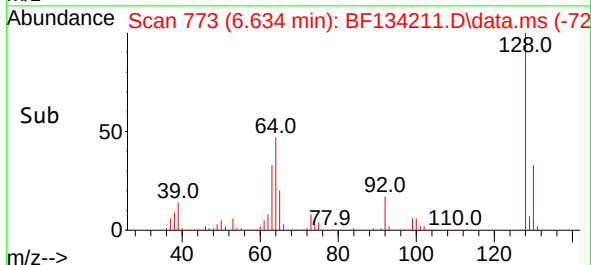
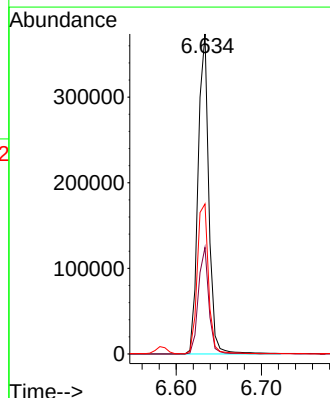
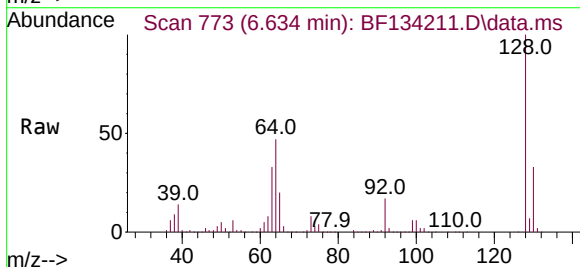
Delta R.T. 0.000 min

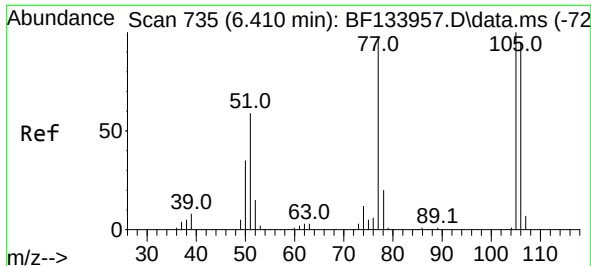
Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Tgt Ion: 128 Resp: 328251

Ion	Ratio	Lower	Upper
128	100		
130	33.3	11.7	51.7
64	46.9	31.3	71.3

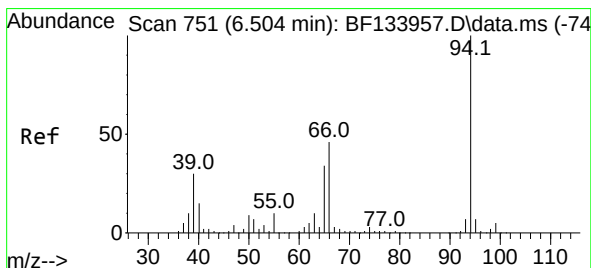
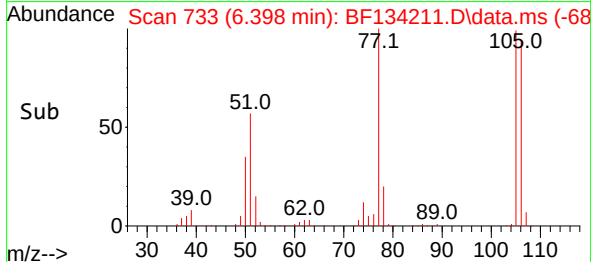
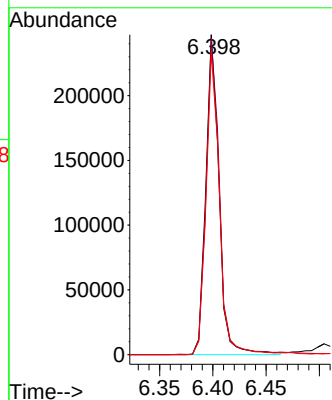
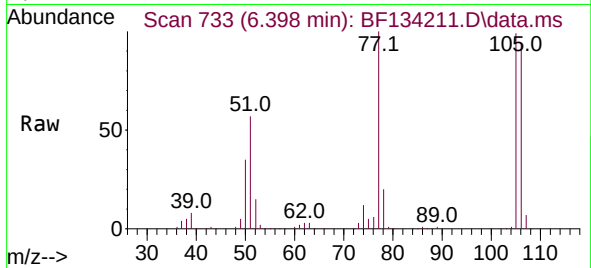




#9
Benzaldehyde
Concen: 47.977 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

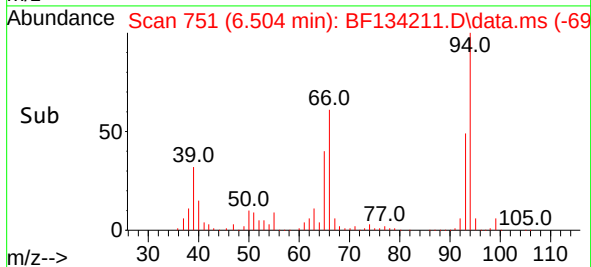
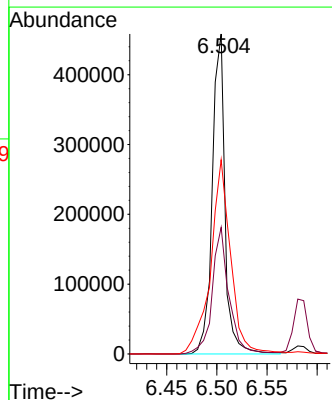
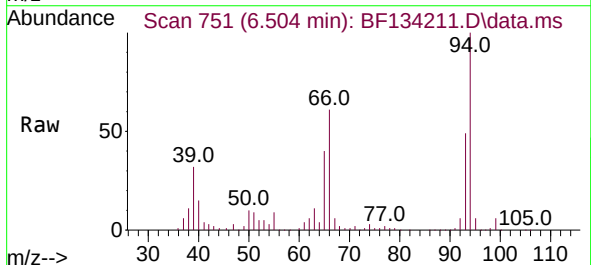
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BNA_F
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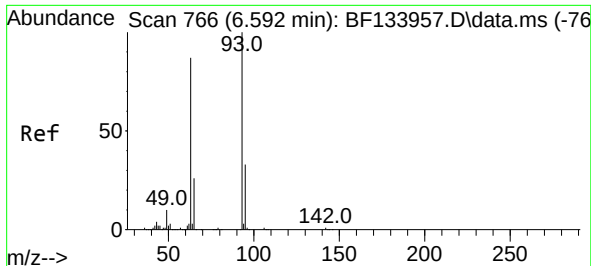
Tgt Ion: 77 Resp: 213717
Ion Ratio Lower Upper
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105 99.0 82.0 122.0
106 94.4 76.9 116.9



#10
Phenol
Concen: 45.205 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion: 94 Resp: 406272
Ion Ratio Lower Upper
94 100
65 39.5 14.2 54.2
66 60.7 26.4 66.4

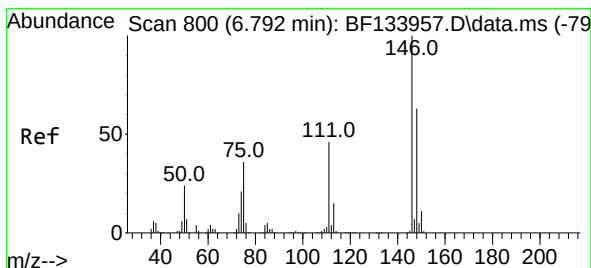
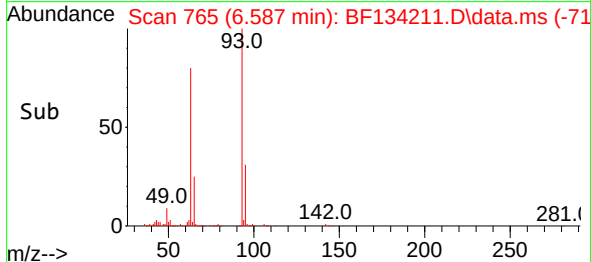
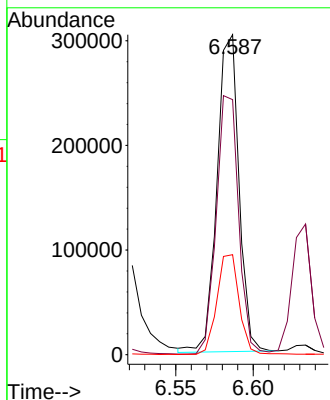
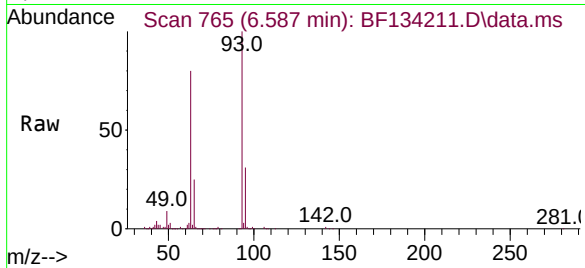




#11
bis(2-Chloroethyl)ether
Concen: 45.142 ng
RT: 6.587 min Scan# 701
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

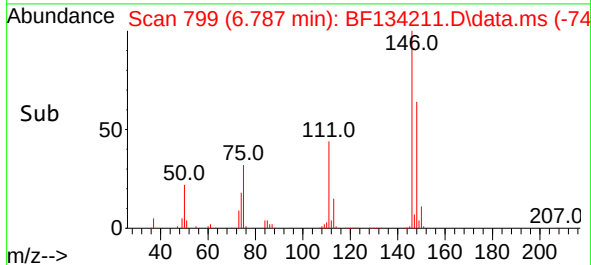
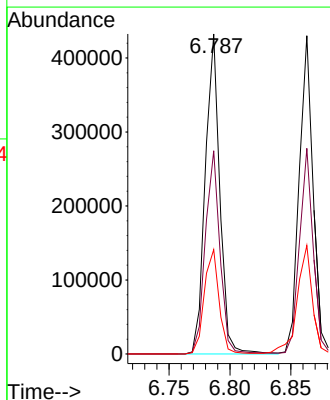
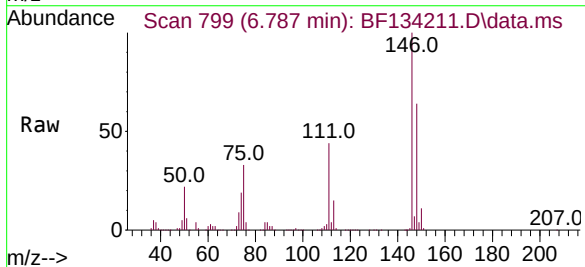
Instrument :
BNA_F
ClientSampleId :

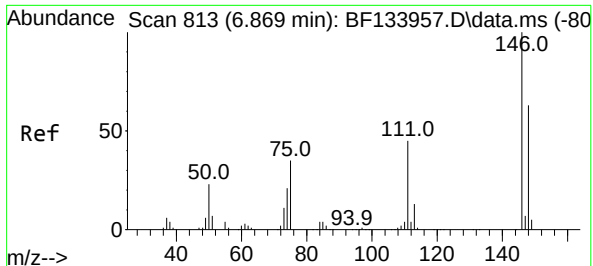
Tgt Ion: 93 Resp: 298688
Ion Ratio Lower Upper
93 100
63 79.7 66.5 106.5
95 31.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 47.544 ng
RT: 6.787 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:146 Resp: 357634
Ion Ratio Lower Upper
146 100
148 63.5 50.5 75.7
75 32.6 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 45.785 ng

RT: 6.863 min Scan# 813

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

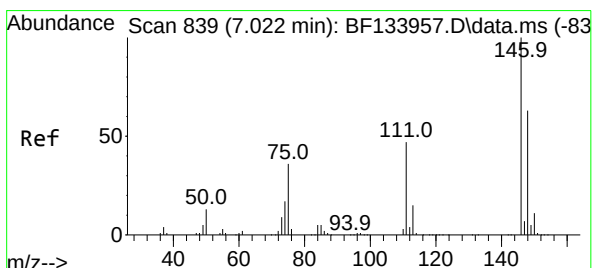
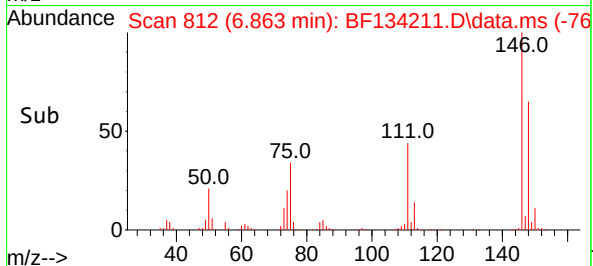
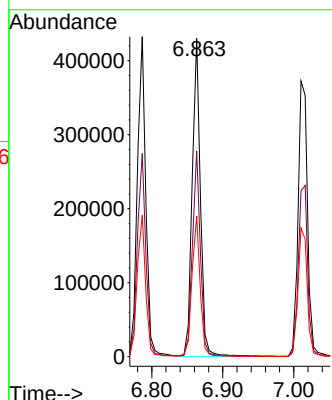
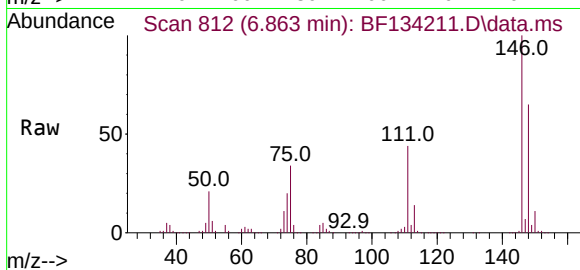
Tgt Ion:146 Resp: 347859

Ion Ratio Lower Upper

146 100

148 64.6 50.2 75.2

111 44.2 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 48.244 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

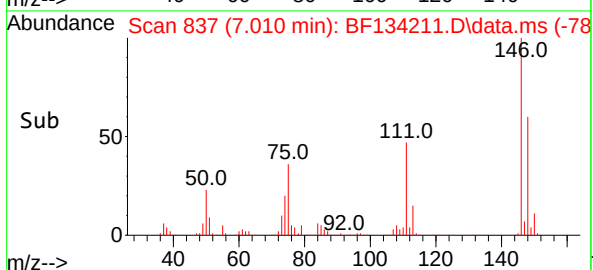
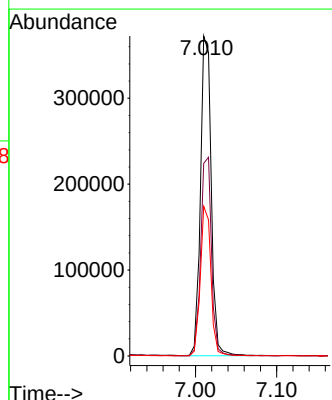
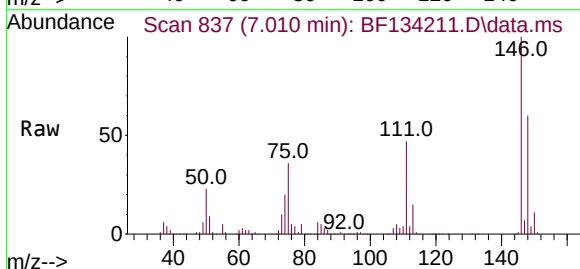
Tgt Ion:146 Resp: 343282

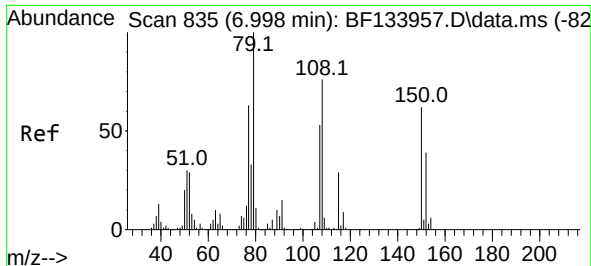
Ion Ratio Lower Upper

146 100

148 60.2 50.6 76.0

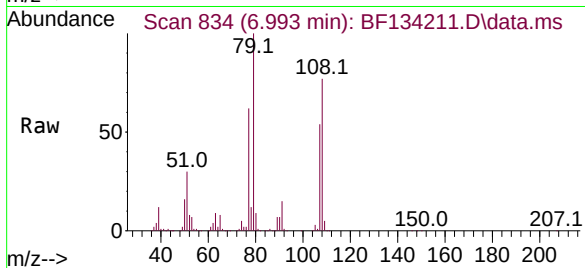
111 46.8 38.0 57.0



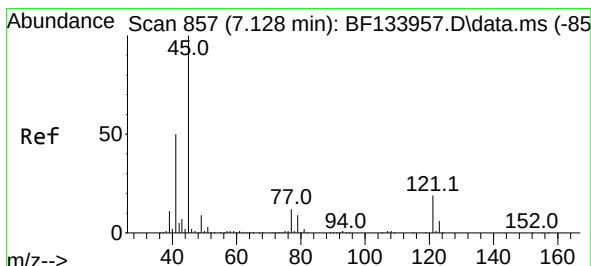
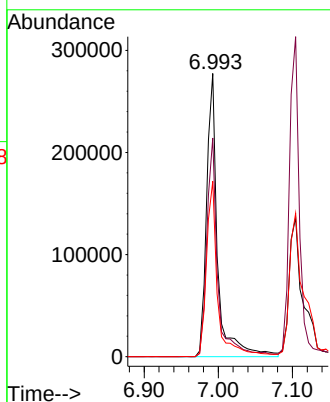
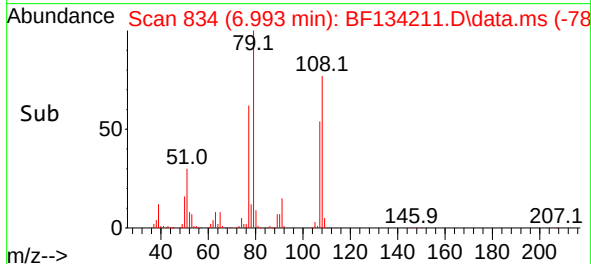


#15
Benzyl Alcohol
Concen: 43.679 ng
RT: 6.993 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Instrument :
BNA_F
ClientSampleId :

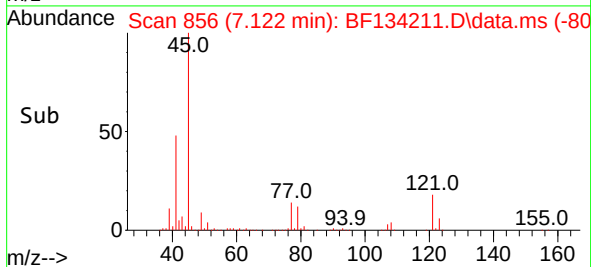
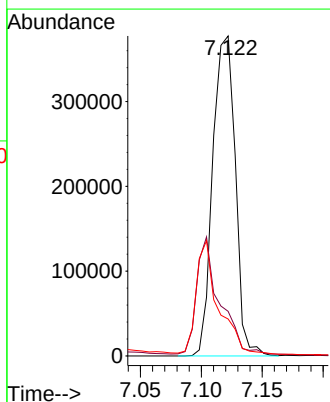
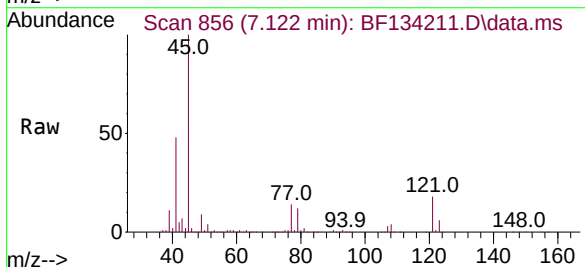


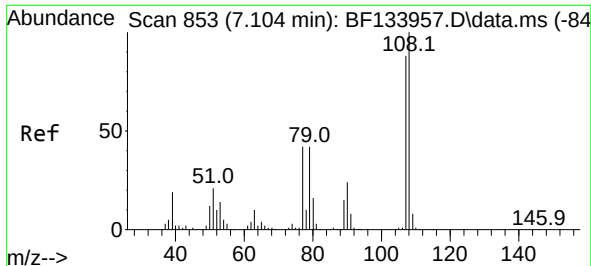
Tgt Ion: 79 Resp: 287823
Ion Ratio Lower Upper
79 100
108 77.2 60.7 91.1
77 61.9 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.608 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

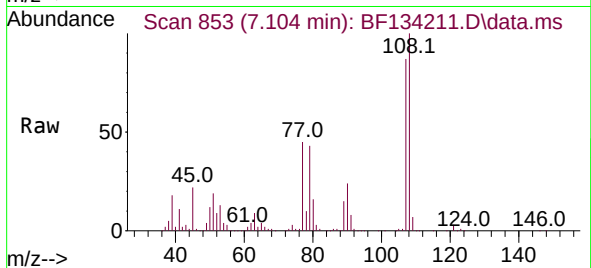
Tgt Ion: 45 Resp: 487046
Ion Ratio Lower Upper
45 100
77 13.9 0.0 32.9
79 11.6 0.0 29.5



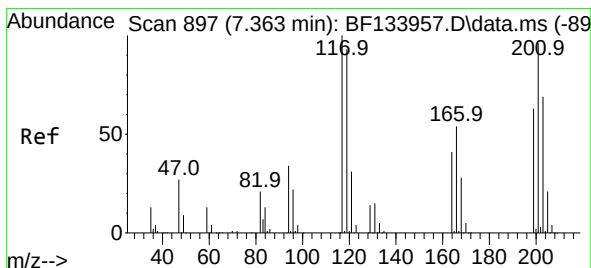
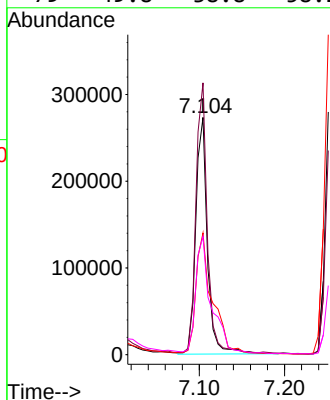
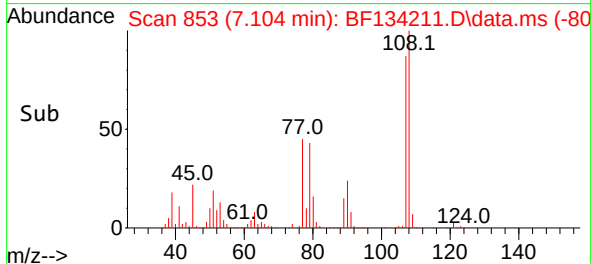


#17
2-Methylphenol
Concen: 41.038 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Instrument :
BNA_F
ClientSampleId :

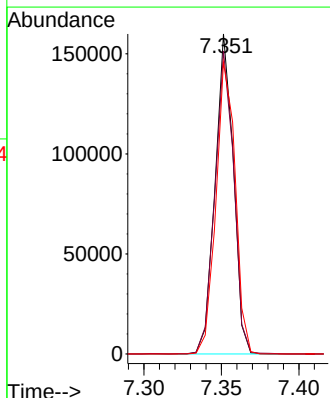
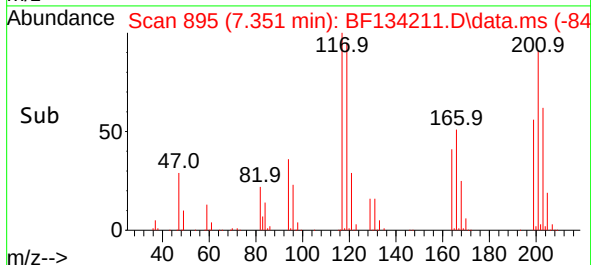
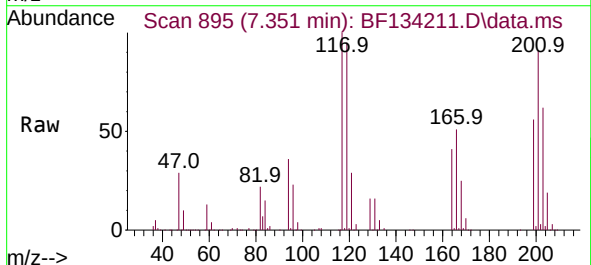


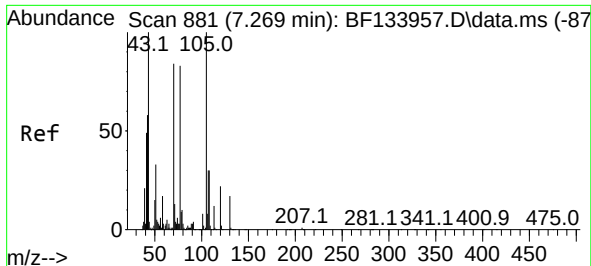
Tgt Ion:107 Resp: 259283
Ion Ratio Lower Upper
107 100
108 114.6 90.6 136.0
77 51.3 38.3 57.5
79 49.8 38.8 58.2



#18
Hexachloroethane
Concen: 46.472 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:117 Resp: 130918
Ion Ratio Lower Upper
117 100
119 94.7 74.2 111.4
201 91.2 77.2 115.8

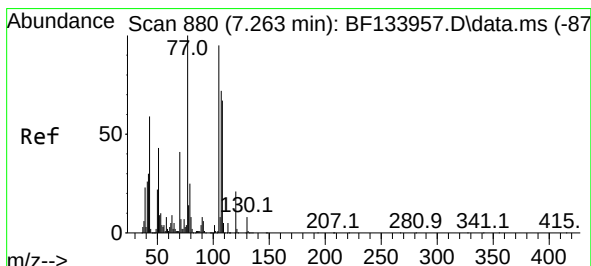
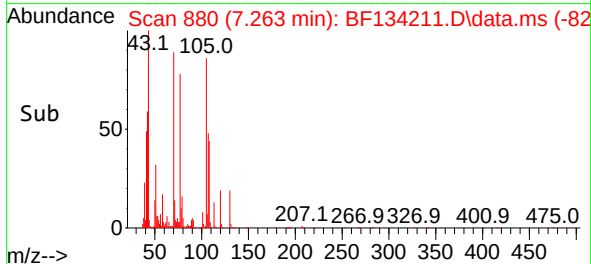
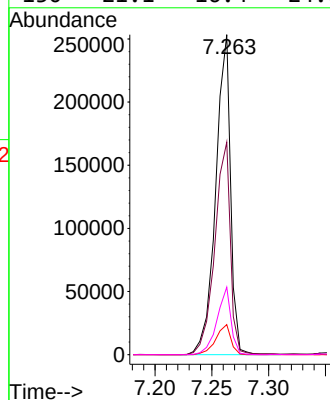
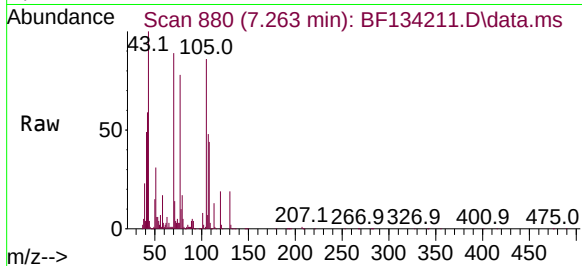




#19
n-Nitroso-di-n-propylamine
Concen: 42.558 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

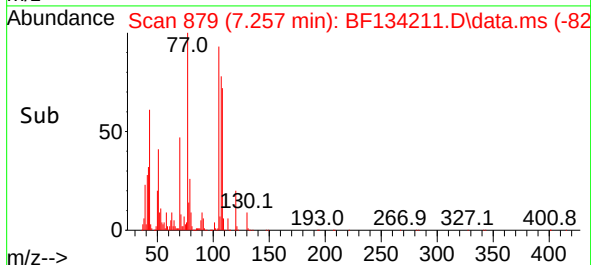
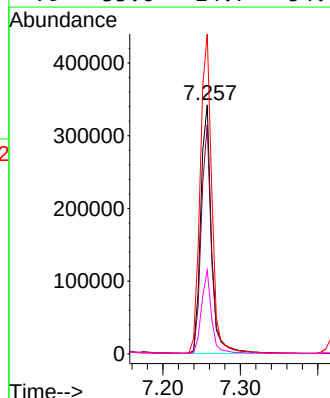
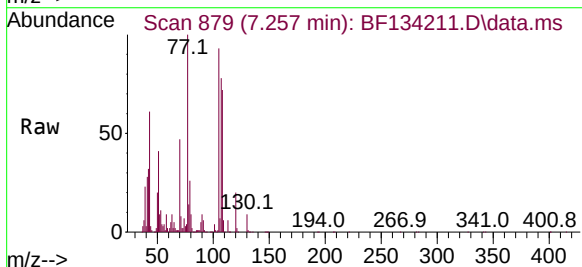
Instrument :
BNA_F
ClientSampleId :

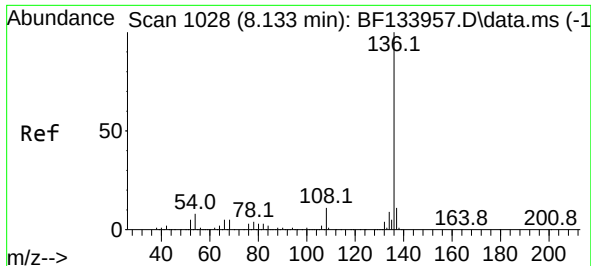
Tgt Ion: 70 Resp: 230696
Ion Ratio Lower Upper
70 100
42 66.4 54.7 82.1
101 9.4 7.7 11.5
130 21.1 16.4 24.6



#20
3+4-Methylphenols
Concen: 43.141 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

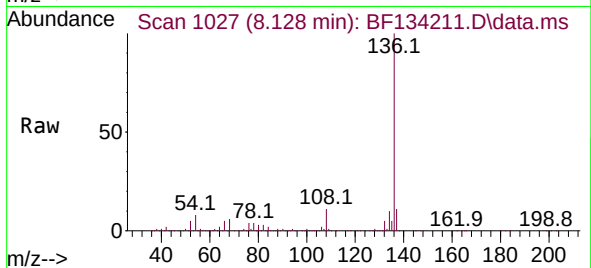
Tgt Ion: 107 Resp: 330675
Ion Ratio Lower Upper
107 100
108 92.0 73.2 113.2
77 128.5 118.3 158.3
79 33.6 14.7 54.7



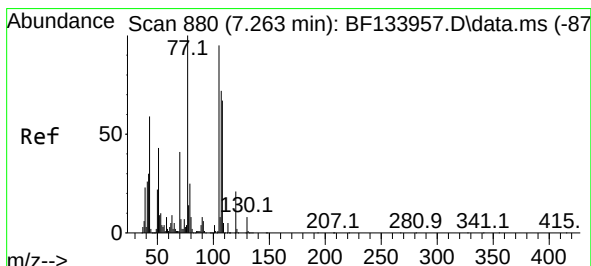
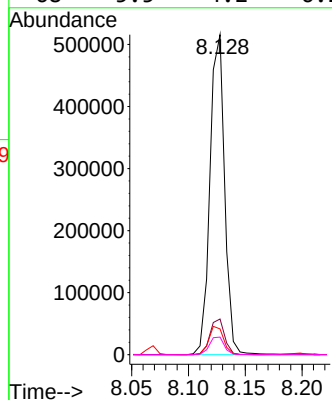
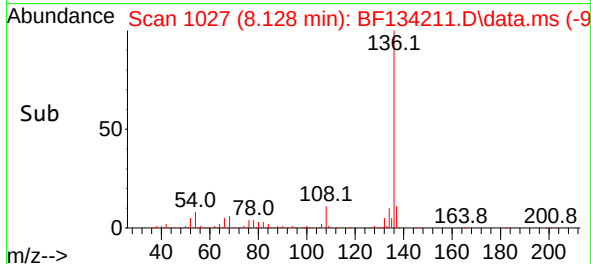


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Instrument :
BNA_F
ClientSampleId :

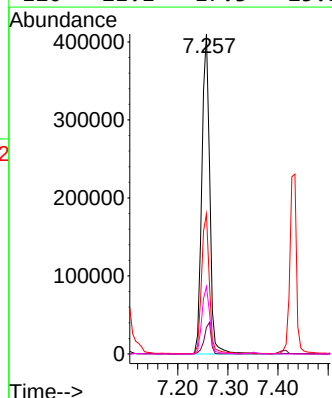
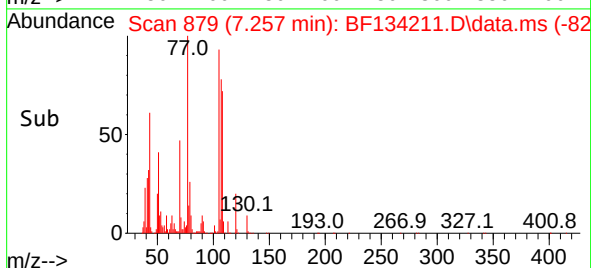
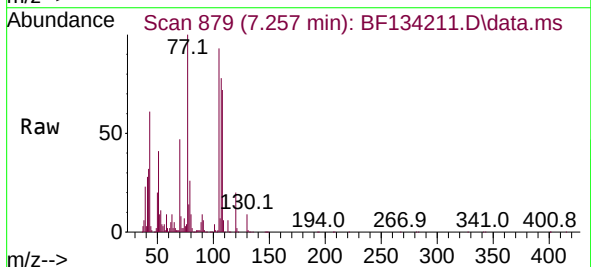


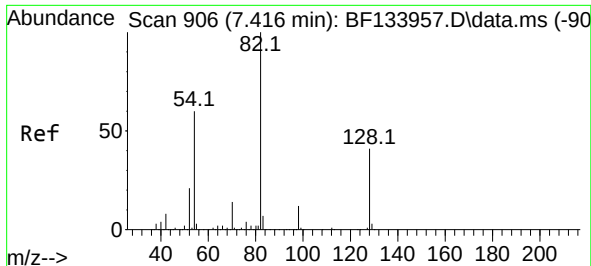
Tgt Ion:136 Resp: 463533
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 8.1 6.5 9.7
68 5.5 4.2 6.2



#22
Acetophenone
Concen: 42.627 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:105 Resp: 449375
Ion Ratio Lower Upper
105 100
71 8.3 5.5 8.3#
51 43.8 36.5 54.7
120 21.1 17.3 25.9

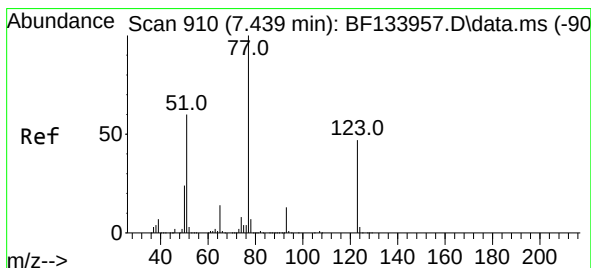
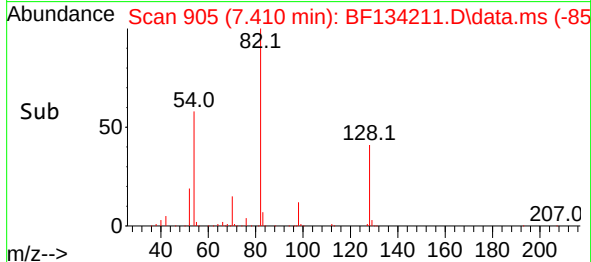
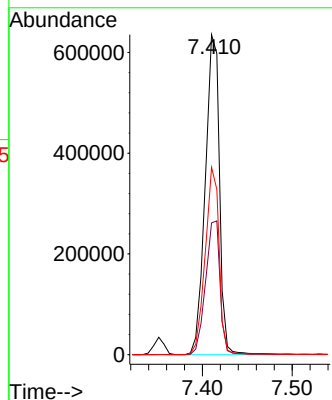
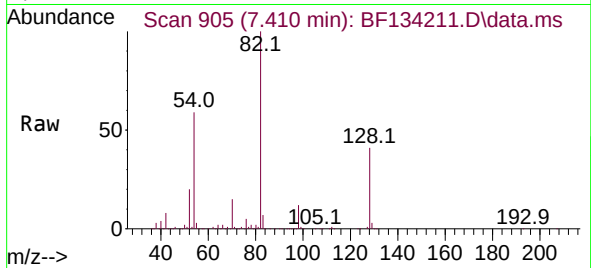




#23
Nitrobenzene-d5
Concen: 81.492 ng
RT: 7.410 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

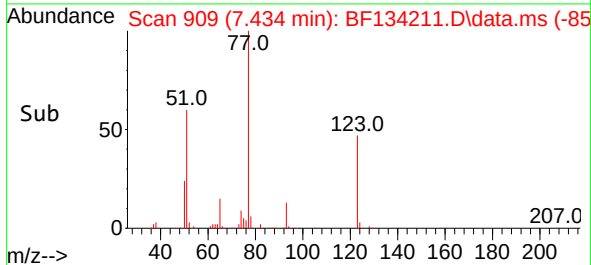
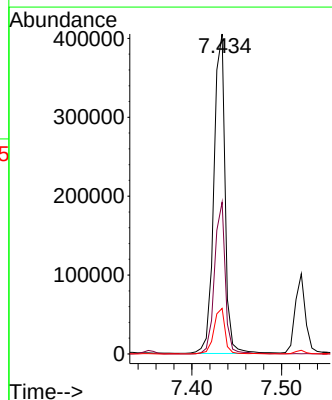
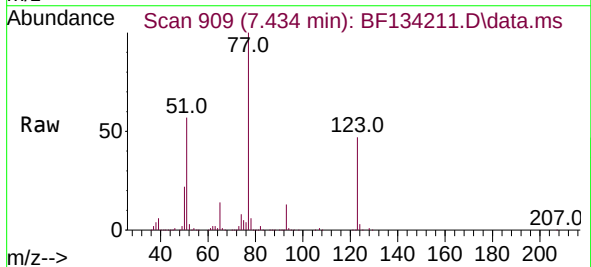
Instrument :
BNA_F
ClientSampleId :

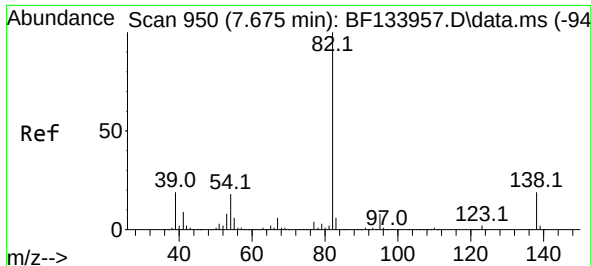
Tgt Ion: 82 Resp: 700753
Ion Ratio Lower Upper
82 100
128 41.2 32.5 48.7
54 58.6 48.2 72.2



#24
Nitrobenzene
Concen: 40.738 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion: 77 Resp: 353998
Ion Ratio Lower Upper
77 100
123 47.5 37.8 56.6
65 14.2 11.3 16.9

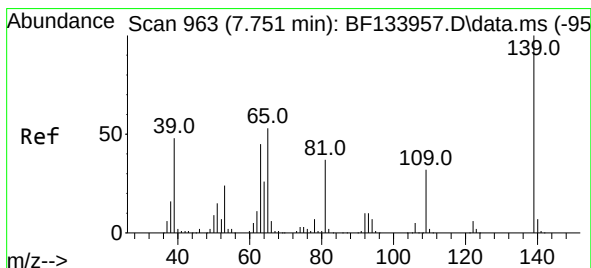
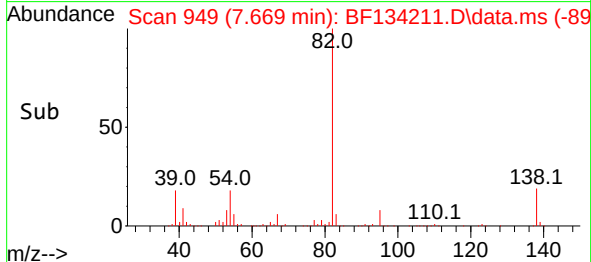
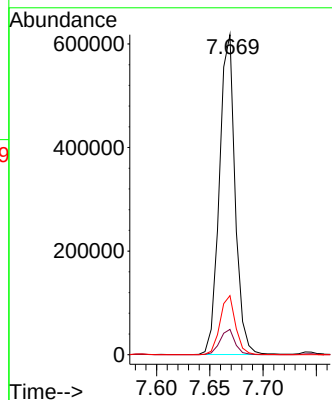
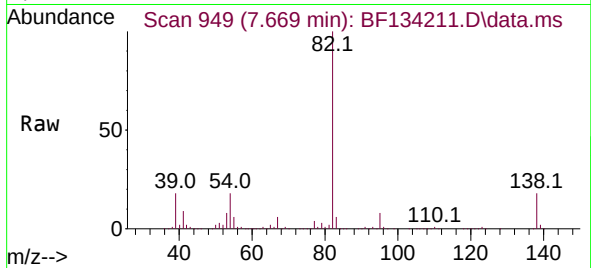




#25
Isophorone
Concen: 40.559 ng
RT: 7.669 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

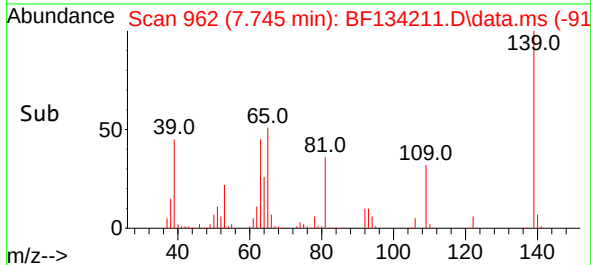
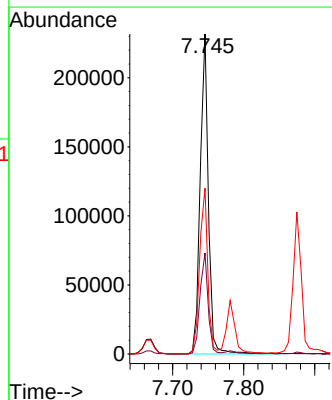
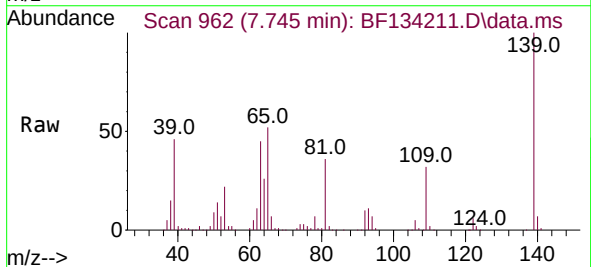
Instrument :
BNA_F
ClientSampleId :

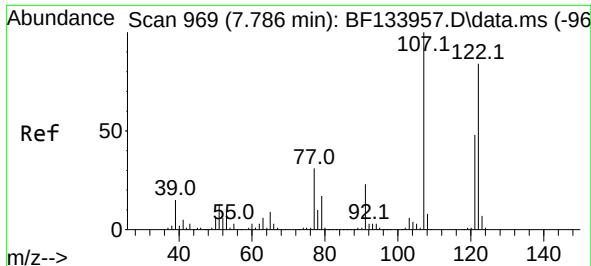
Tgt Ion: 82 Resp: 633862
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 18.4 15.2 22.8



#26
2-Nitrophenol
Concen: 44.656 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:139 Resp: 186151
Ion Ratio Lower Upper
139 100
109 31.5 25.8 38.8
65 51.8 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 40.519 ng

RT: 7.781 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

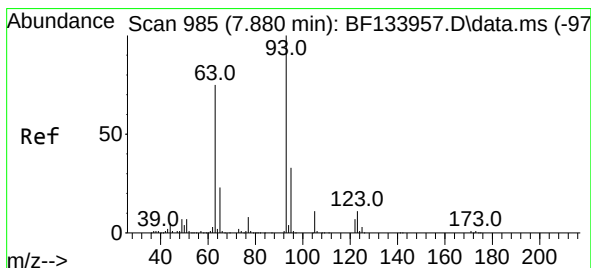
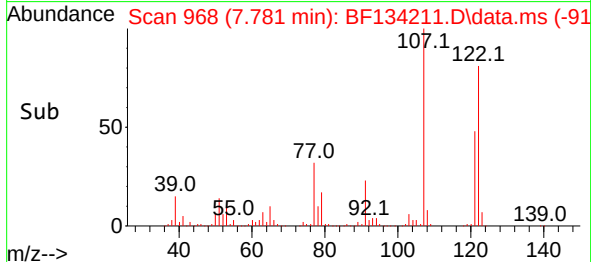
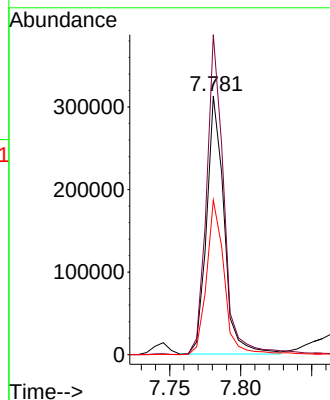
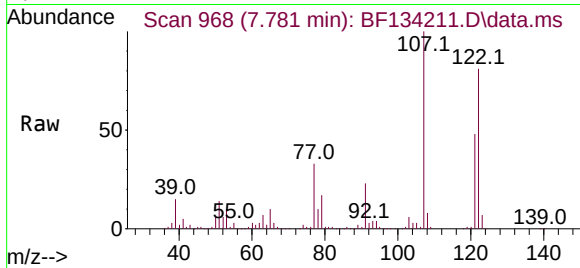
Tgt Ion:122 Resp: 267363

Ion Ratio Lower Upper

122 100

107 123.7 95.5 143.3

121 59.8 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 40.444 ng

RT: 7.875 min Scan# 984

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

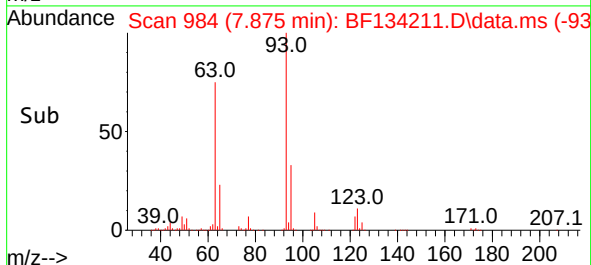
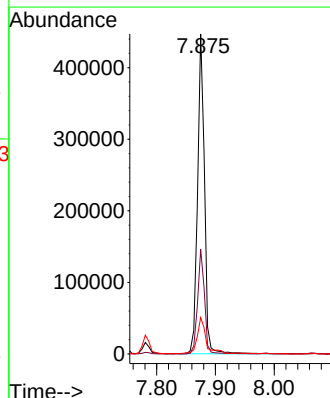
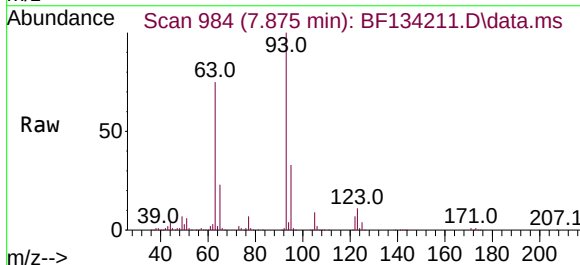
Tgt Ion: 93 Resp: 365988

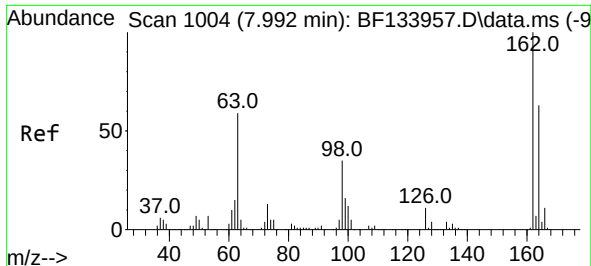
Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.646 ng

RT: 7.987 min Scan# 1003

Delta R.T. 0.000 min

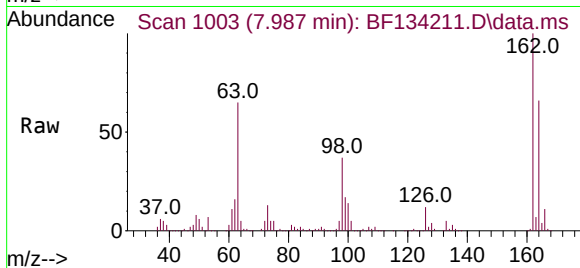
Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :



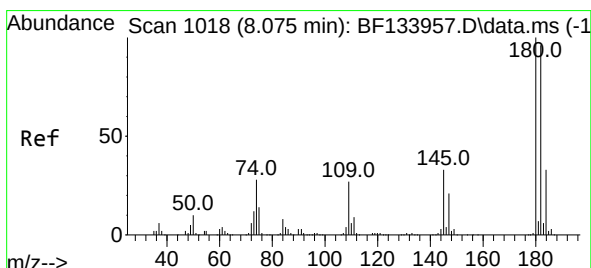
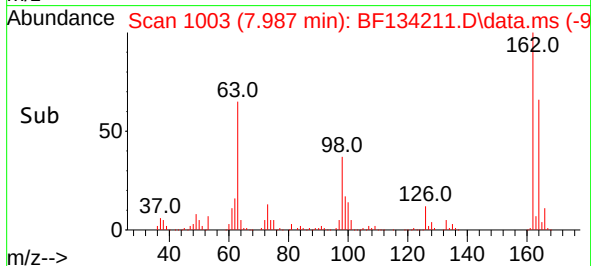
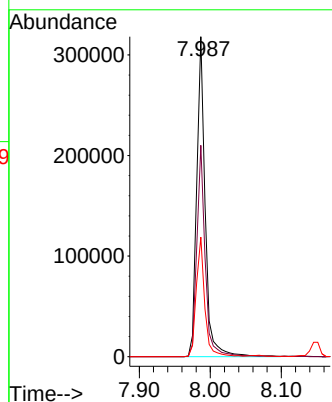
Tgt Ion:162 Resp: 265954

Ion Ratio Lower Upper

162 100

164 66.0 43.2 83.2

98 37.3 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 42.851 ng

RT: 8.069 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

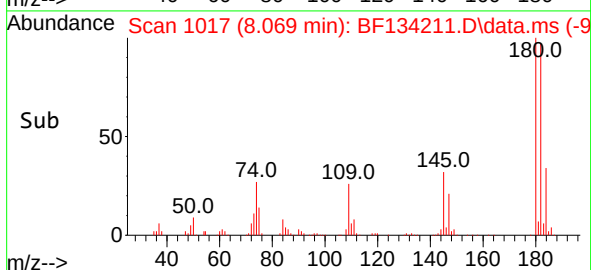
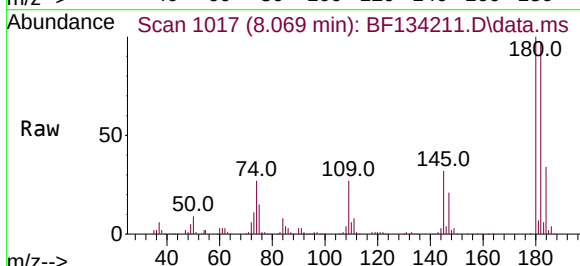
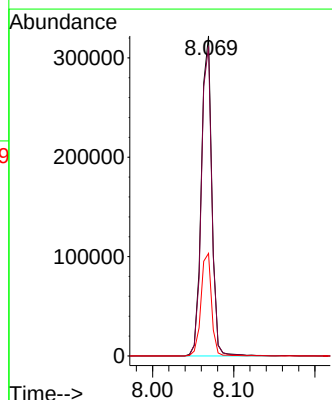
Tgt Ion:180 Resp: 289303

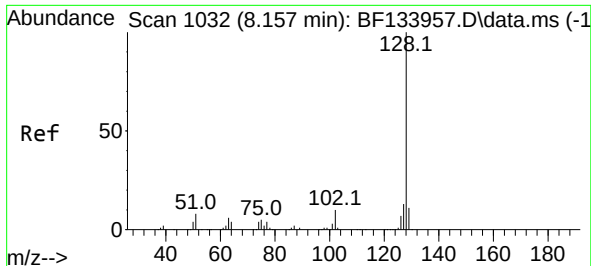
Ion Ratio Lower Upper

180 100

182 96.7 77.1 115.7

145 32.0 26.0 39.0

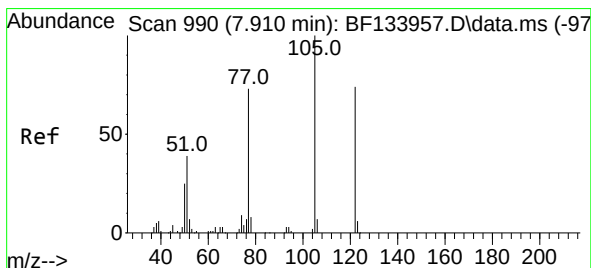
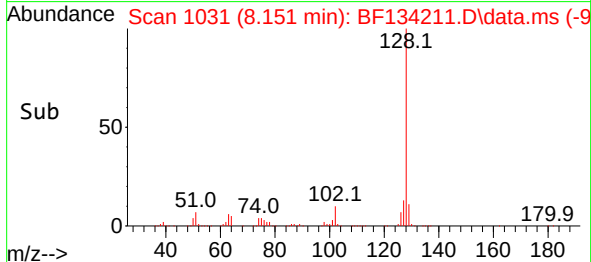
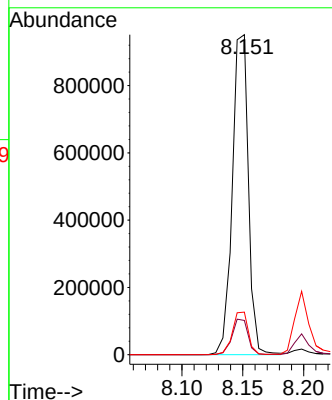
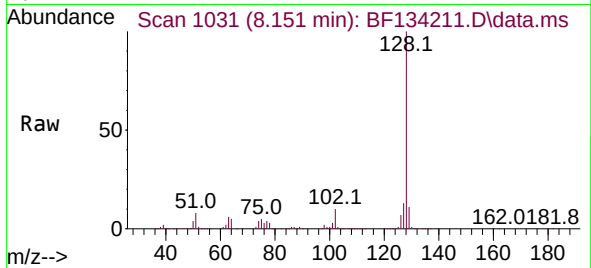




#31
Naphthalene
Concen: 39.076 ng
RT: 8.151 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

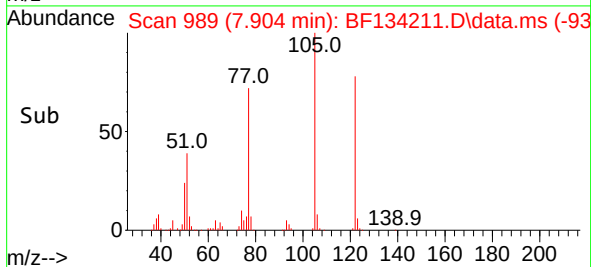
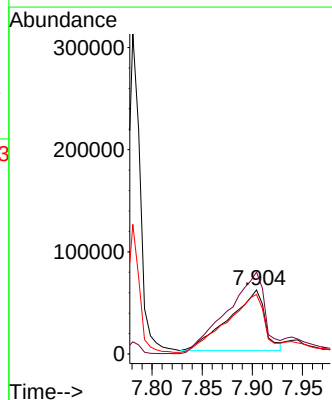
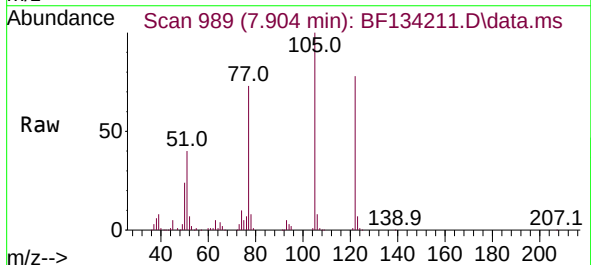
Instrument :
BNA_F
ClientSampleId :

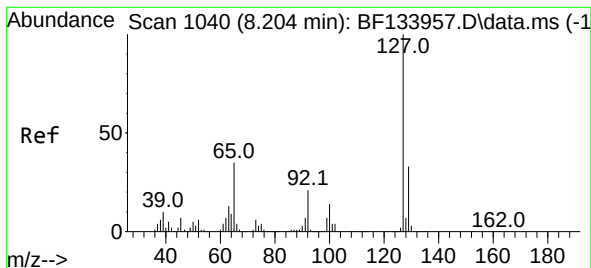
Tgt Ion:128 Resp: 874923
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 30.132 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.012 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:122 Resp: 148985
Ion Ratio Lower Upper
122 100
105 127.9 109.7 149.7
77 93.1 76.0 116.0





#33

4-Chloroaniline

Concen: 18.016 ng

RT: 8.198 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 172550

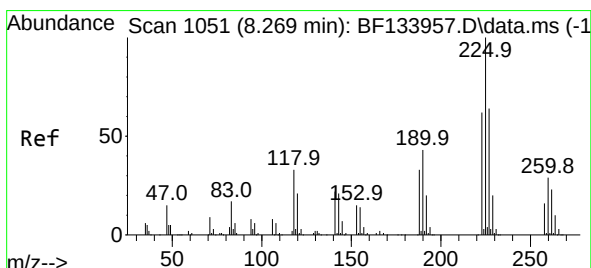
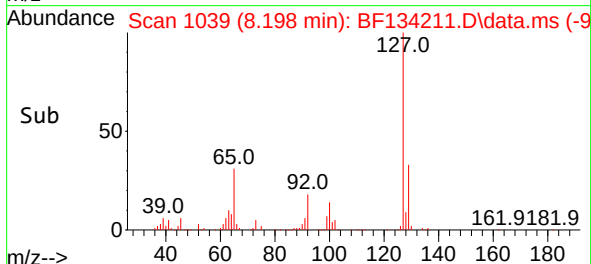
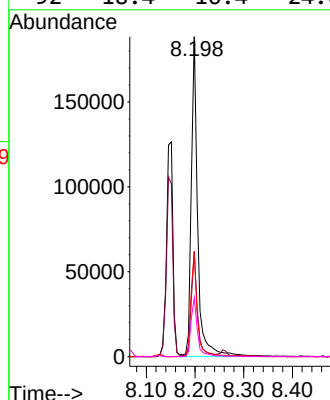
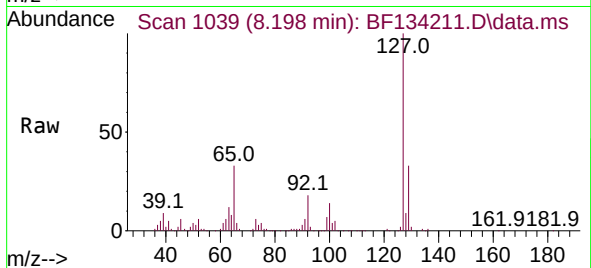
Ion Ratio Lower Upper

127 100

129 32.8 26.4 39.6

65 32.9 27.8 41.8

92 18.4 16.4 24.6



#34

Hexachlorobutadiene

Concen: 42.846 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

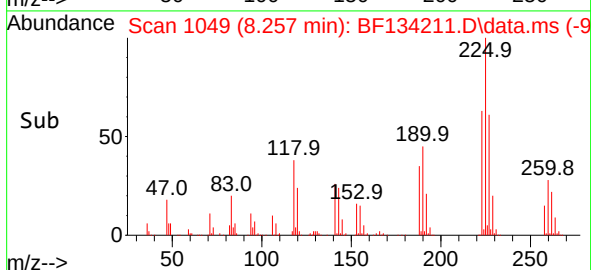
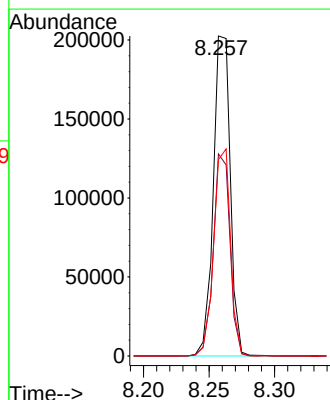
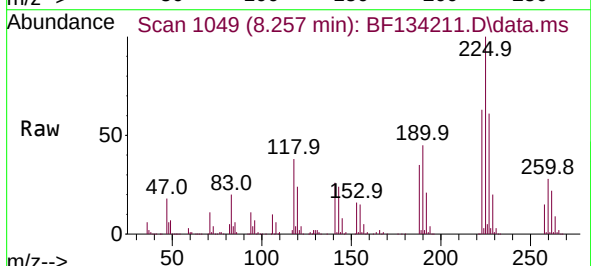
Tgt Ion:225 Resp: 182475

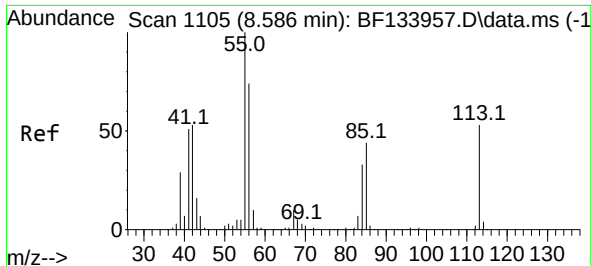
Ion Ratio Lower Upper

225 100

223 63.2 49.8 74.8

227 61.3 51.0 76.4

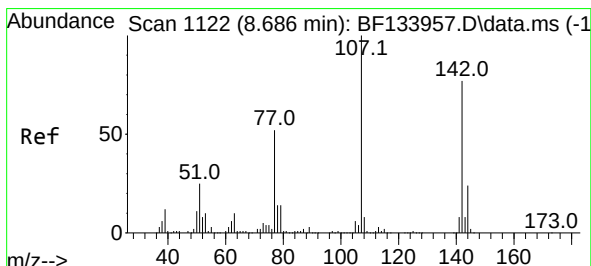
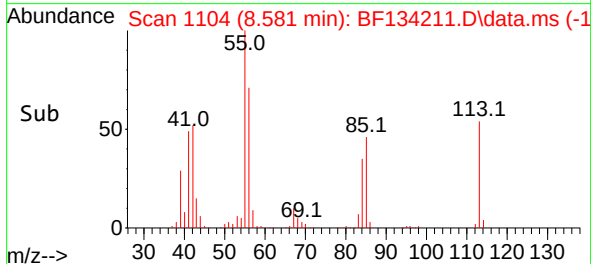
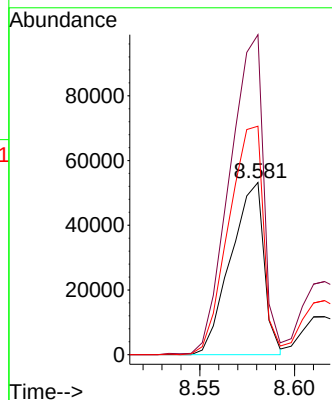
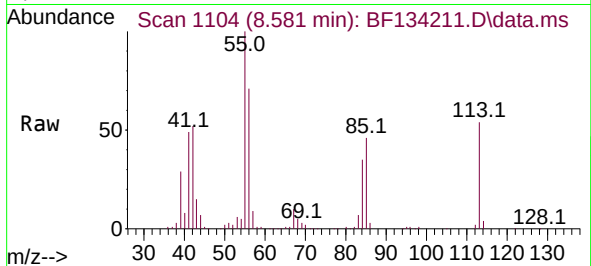




#35
 Caprolactam
 Concen: 30.103 ng
 RT: 8.581 min Scan# 1105
 Delta R.T. 0.006 min
 Lab File: BF134211.D
 Acq: 11 Jul 2023 13:27

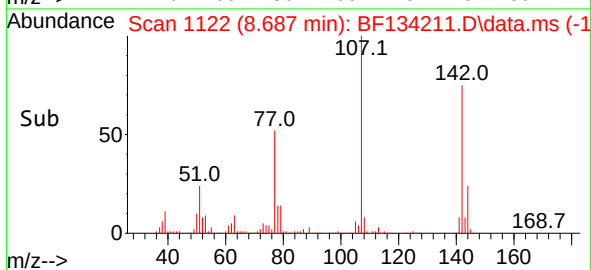
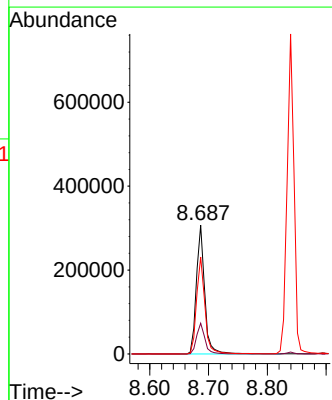
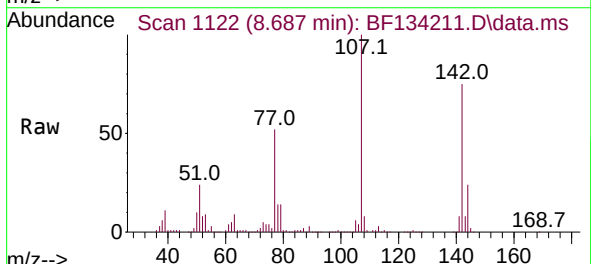
Instrument :
 BNA_F
 ClientSampleId :

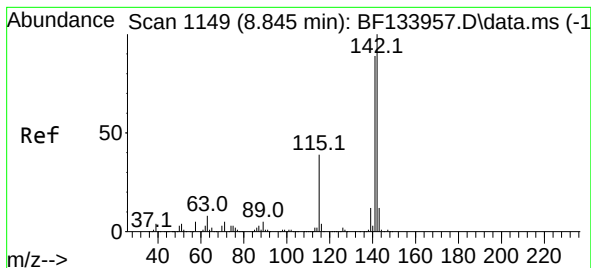
Tgt Ion:113 Resp: 64855
 Ion Ratio Lower Upper
 113 100
 55 185.9 170.2 210.2
 56 132.7 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.334 ng
 RT: 8.687 min Scan# 1122
 Delta R.T. 0.006 min
 Lab File: BF134211.D
 Acq: 11 Jul 2023 13:27

Tgt Ion:107 Resp: 303825
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.6 29.4
 142 75.3 61.4 92.2





#37

2-Methylnaphthalene

Concen: 39.534 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

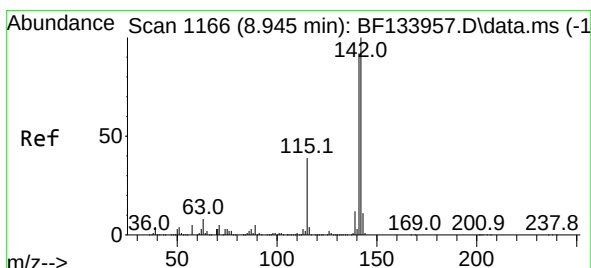
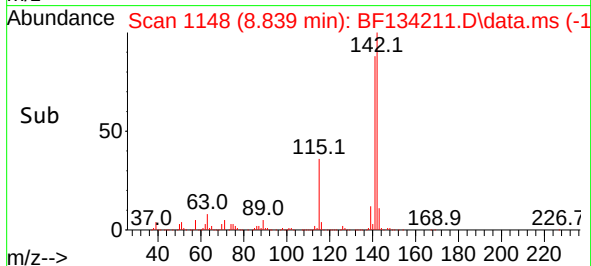
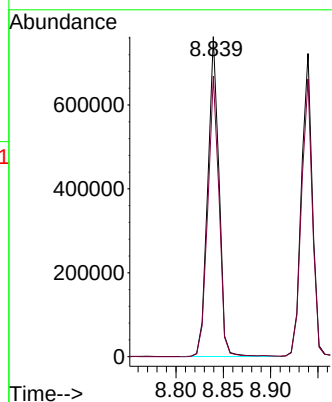
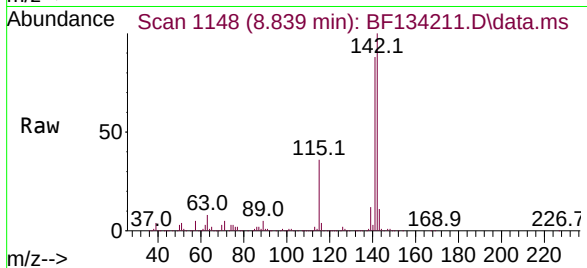
ClientSampleId :

Tgt Ion:142 Resp: 625956

Ion Ratio Lower Upper

142 100

141 87.7 71.0 106.4



#38

1-Methylnaphthalene

Concen: 39.083 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF134211.D

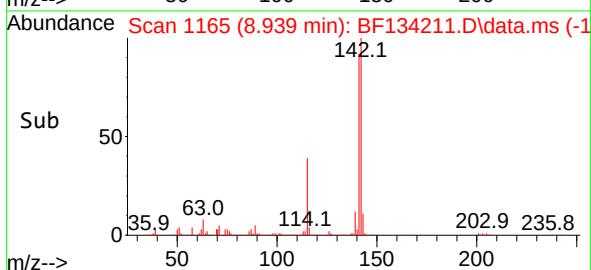
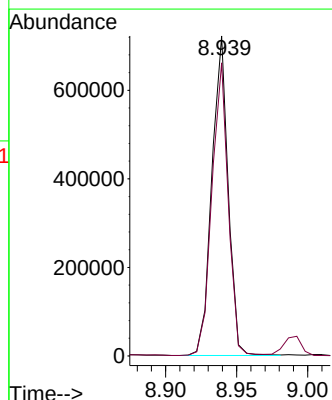
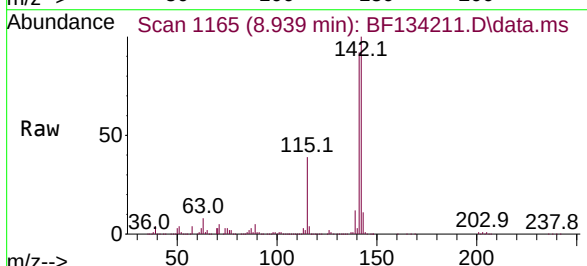
Acq: 11 Jul 2023 13:27

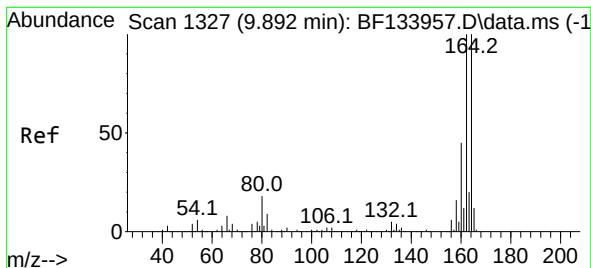
Tgt Ion:142 Resp: 575275

Ion Ratio Lower Upper

142 100

141 91.6 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

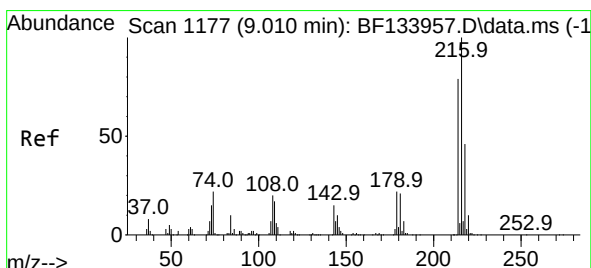
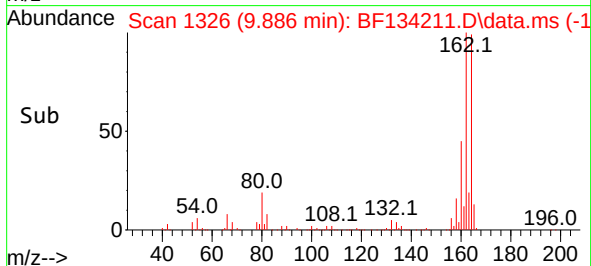
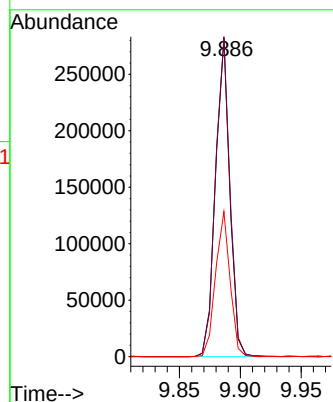
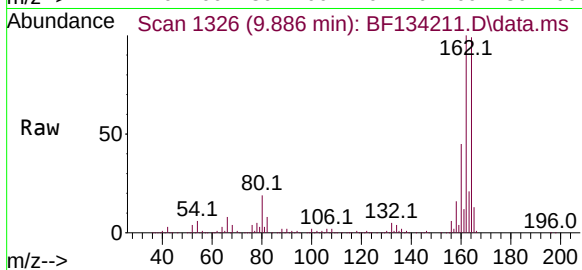
Tgt Ion:164 Resp: 229049

Ion Ratio Lower Upper

164 100

162 100.7 80.0 120.0

160 45.7 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.249 ng

RT: 9.010 min Scan# 1177

Delta R.T. 0.006 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Tgt Ion:216 Resp: 300269

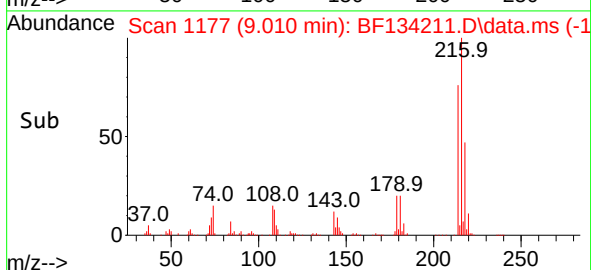
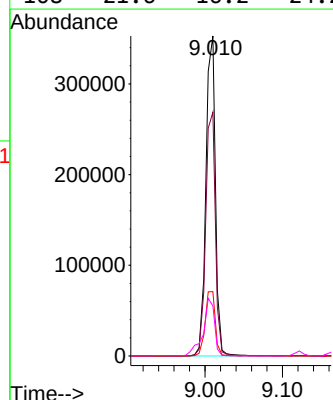
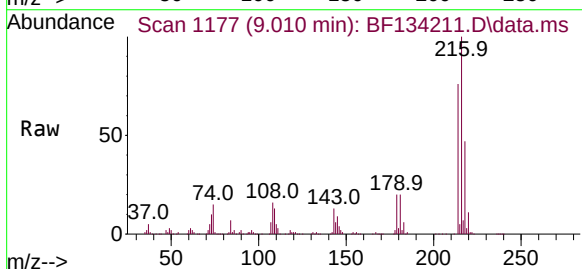
Ion Ratio Lower Upper

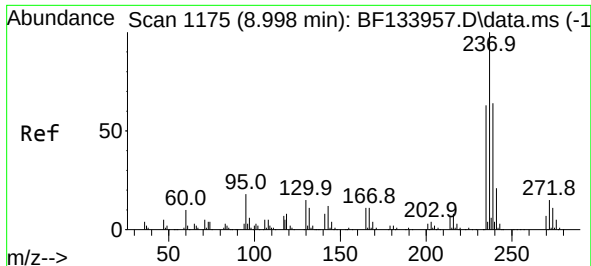
216 100

214 78.3 64.1 96.1

179 21.6 17.3 25.9

108 21.6 16.2 24.2

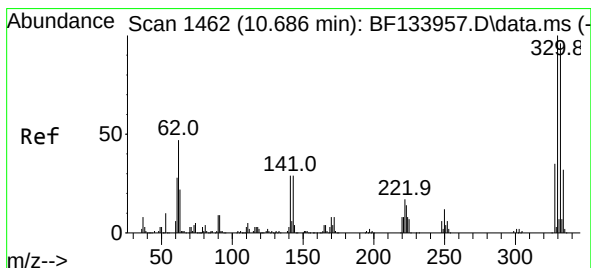
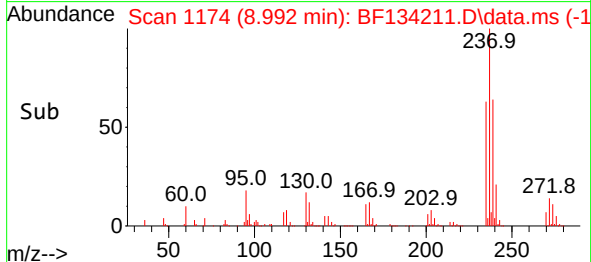
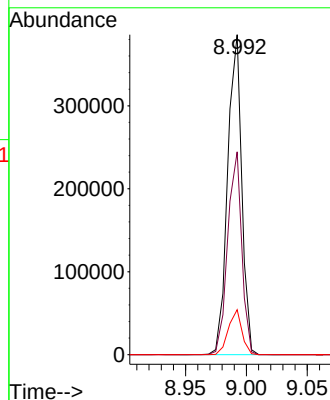
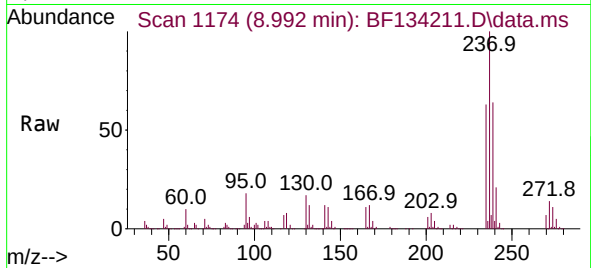




#41
Hexachlorocyclopentadiene
Concen: 96.475 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

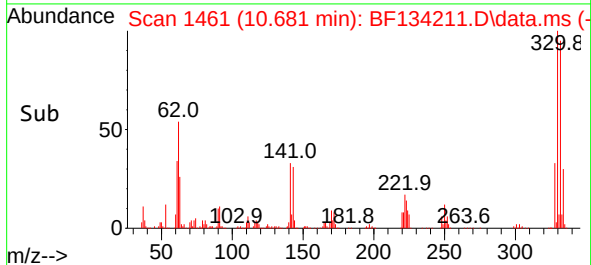
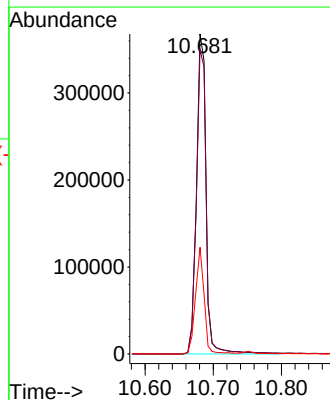
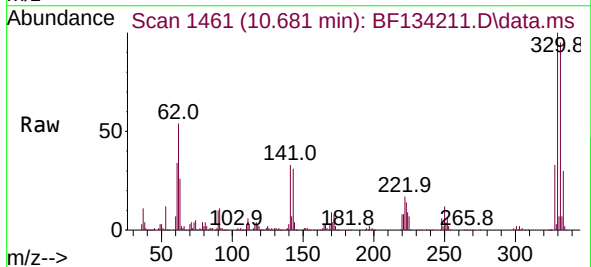
Instrument :
BNA_F
ClientSampleId :

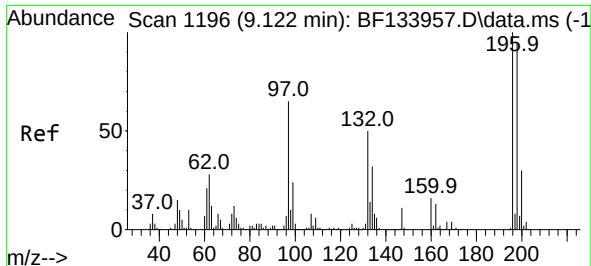
Tgt Ion:237 Resp: 310589
Ion Ratio Lower Upper
237 100
235 63.4 42.8 82.8
272 14.0 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 125.061 ng
RT: 10.681 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:330 Resp: 359153
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 30.1 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 40.456 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

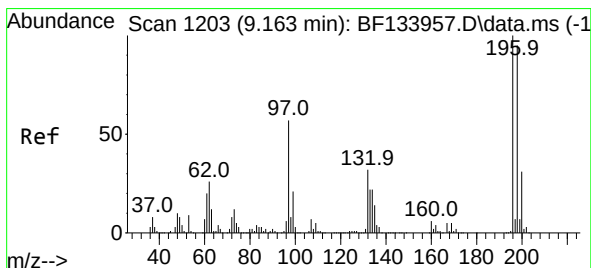
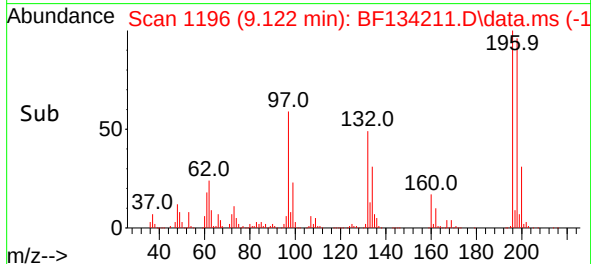
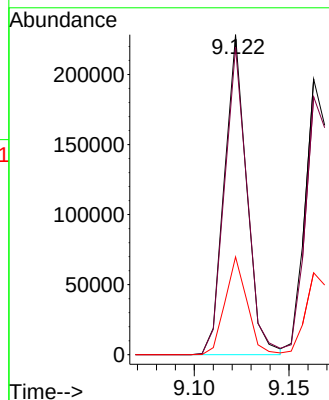
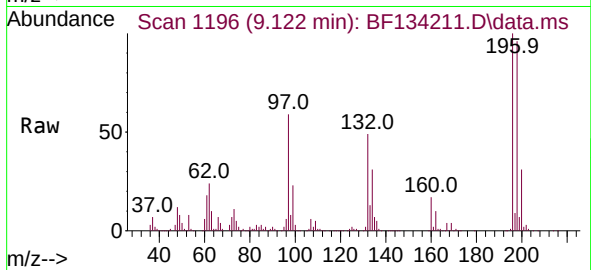
Tgt Ion:196 Resp: 186887

Ion Ratio Lower Upper

196 100

198 96.1 75.6 113.4

200 30.6 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 39.347 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Tgt Ion:196 Resp: 213806

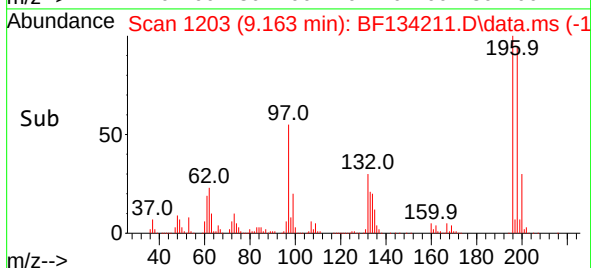
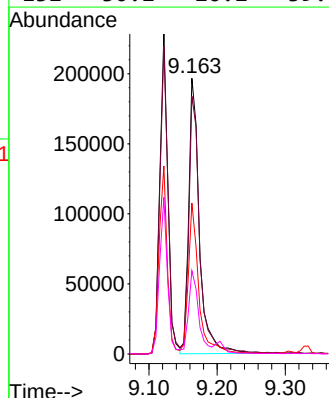
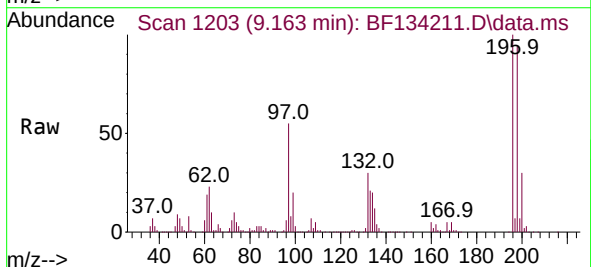
Ion Ratio Lower Upper

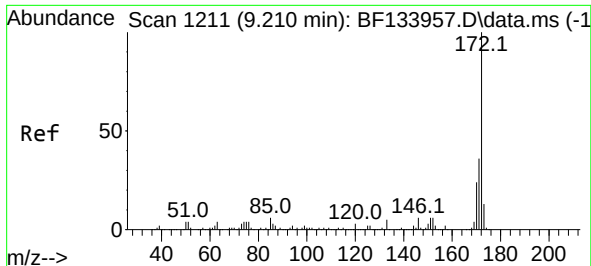
196 100

198 93.6 75.7 113.5

97 54.7 45.8 68.6

132 30.2 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 84.358 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

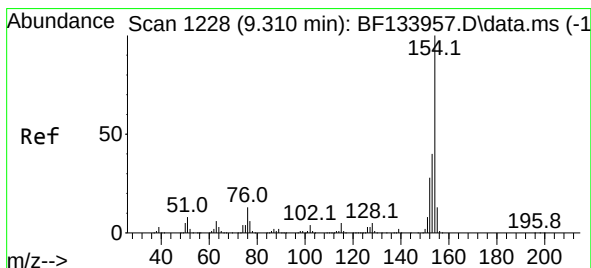
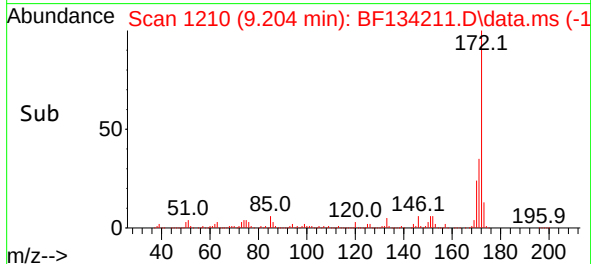
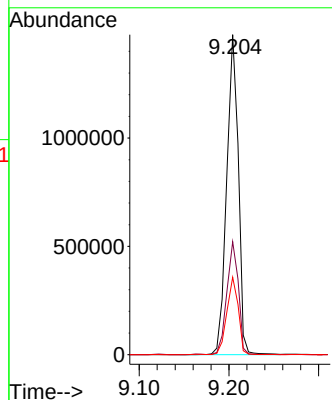
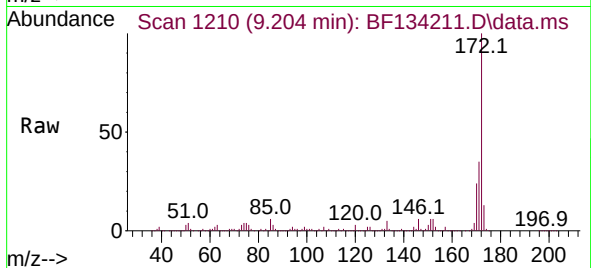
Tgt Ion:172 Resp: 1328988

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 24.2 19.4 29.0



#46

1,1'-Biphenyl

Concen: 39.624 ng

RT: 9.304 min Scan# 1227

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

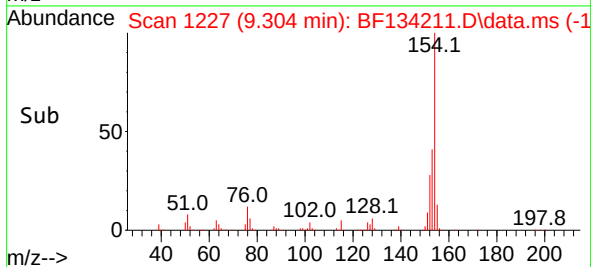
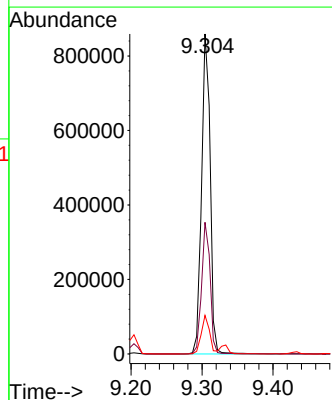
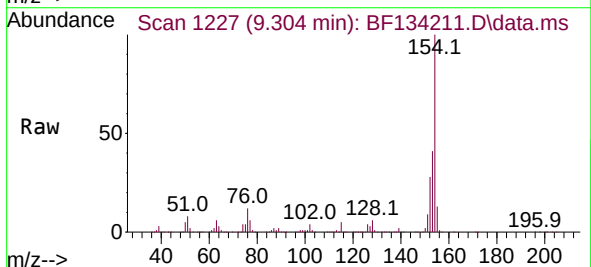
Tgt Ion:154 Resp: 728035

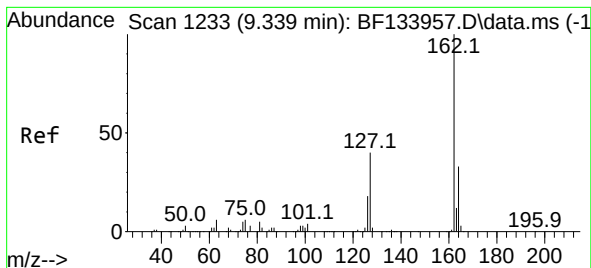
Ion Ratio Lower Upper

154 100

153 41.2 19.8 59.8

76 12.0 0.0 32.9





#47

2-Chloronaphthalene

Concen: 42.673 ng

RT: 9.334 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

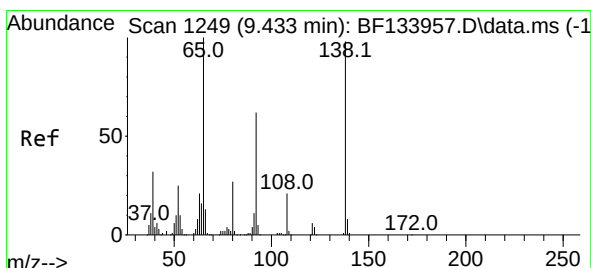
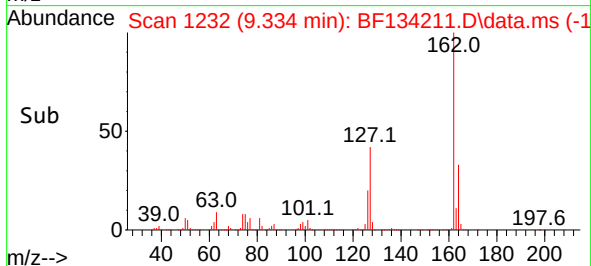
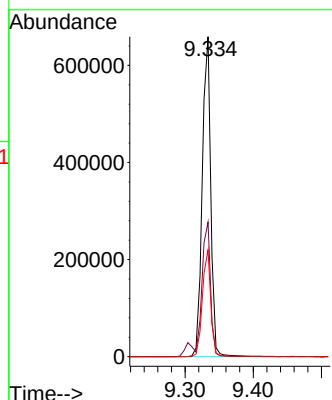
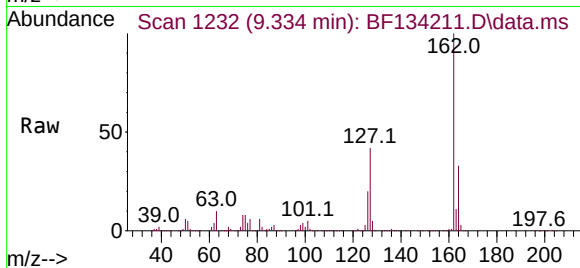
Tgt Ion:162 Resp: 573667

Ion Ratio Lower Upper

162 100

127 42.1 32.9 49.3

164 33.4 26.1 39.1



#48

2-Nitroaniline

Concen: 42.007 ng

RT: 9.434 min Scan# 1249

Delta R.T. 0.006 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

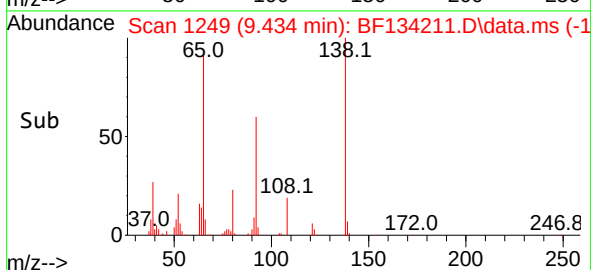
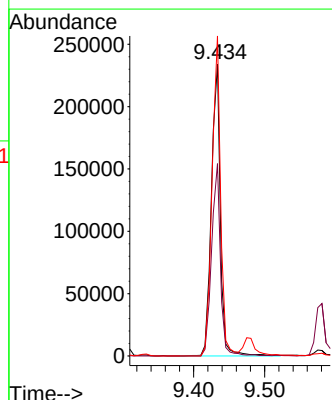
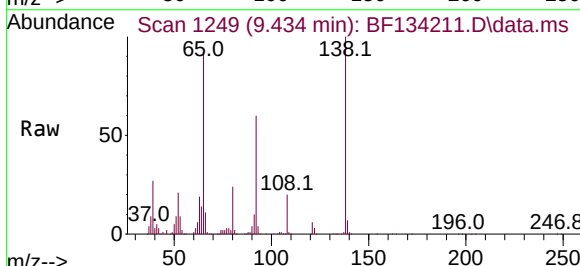
Tgt Ion: 65 Resp: 205809

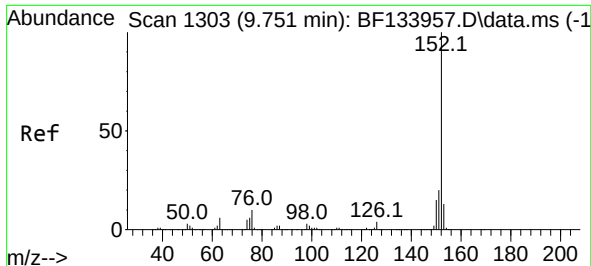
Ion Ratio Lower Upper

65 100

92 65.9 49.5 74.3

138 109.6 78.0 117.0





#49

Acenaphthylene

Concen: 41.994 ng

RT: 9.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

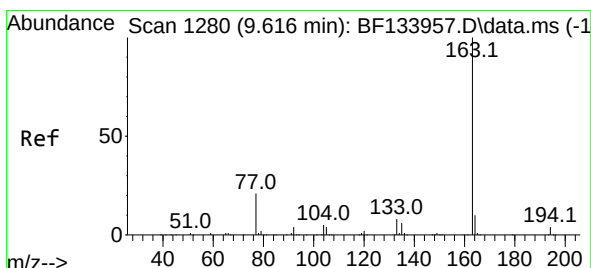
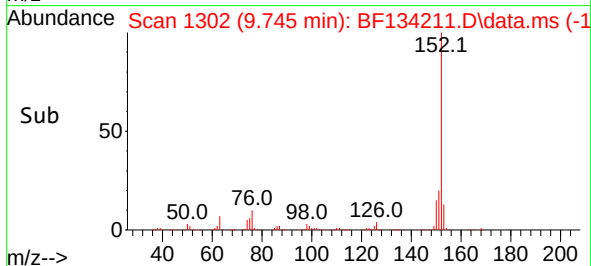
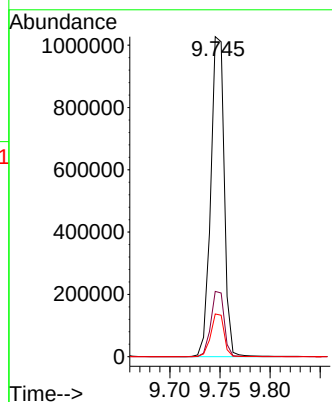
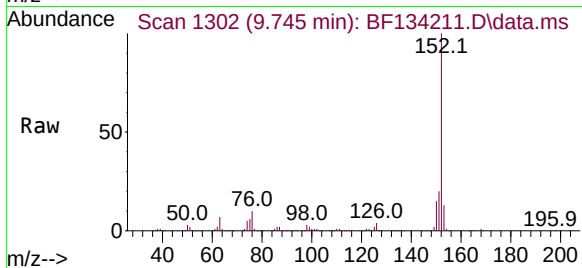
Tgt Ion:152 Resp: 964368

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 13.4 10.8 16.2



#50

Dimethylphthalate

Concen: 41.795 ng

RT: 9.610 min Scan# 1279

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

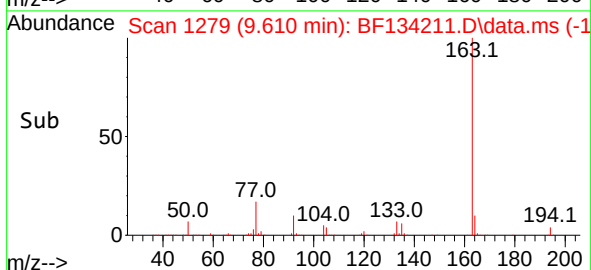
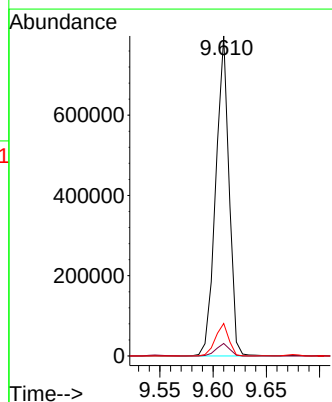
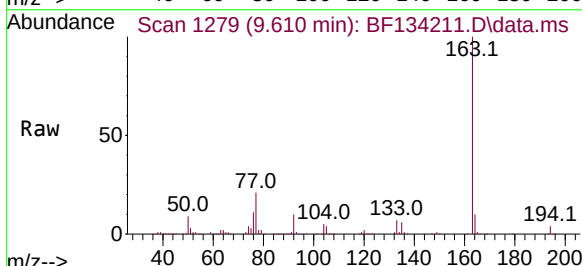
Tgt Ion:163 Resp: 694919

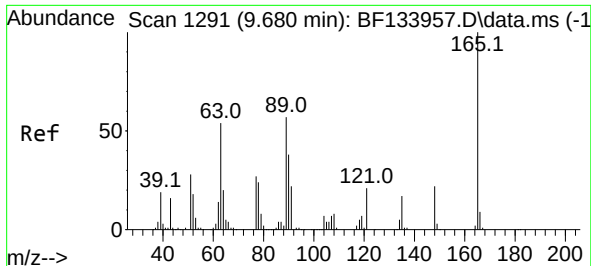
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.1 8.2 12.2

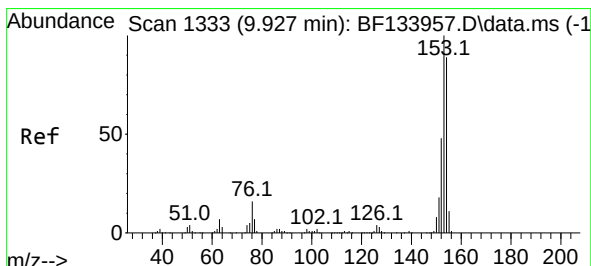
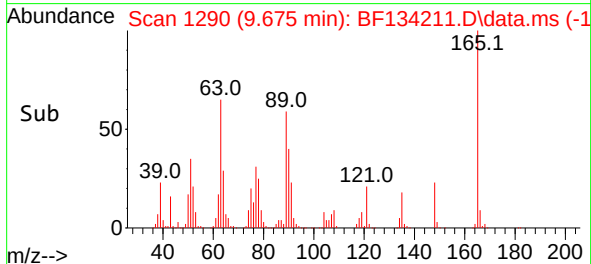
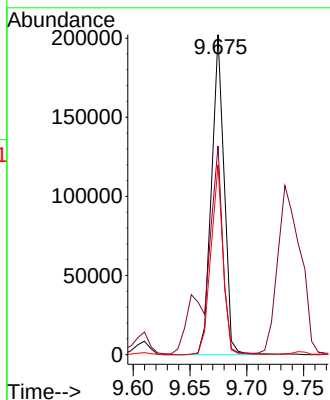
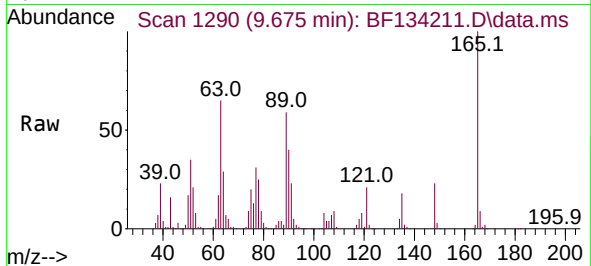




#51
2,6-Dinitrotoluene
Concen: 43.707 ng
RT: 9.675 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

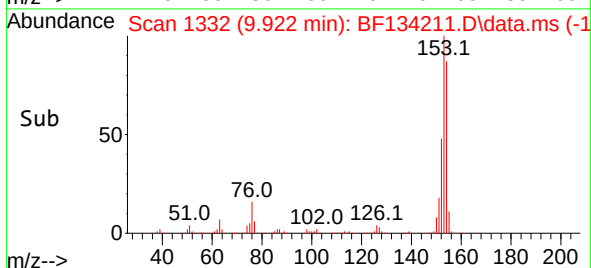
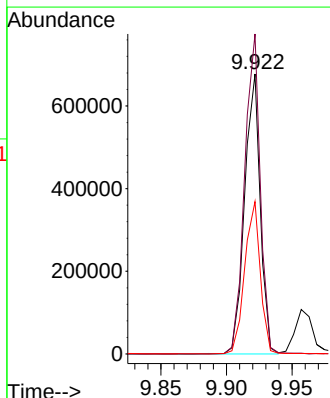
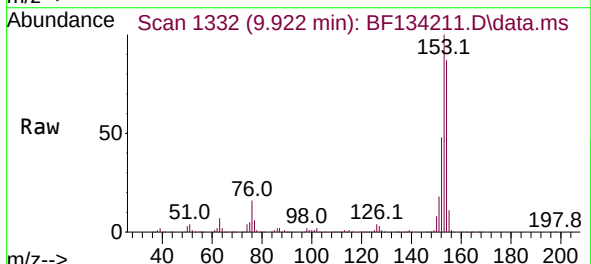
Instrument :
BNA_F
ClientSampleId :

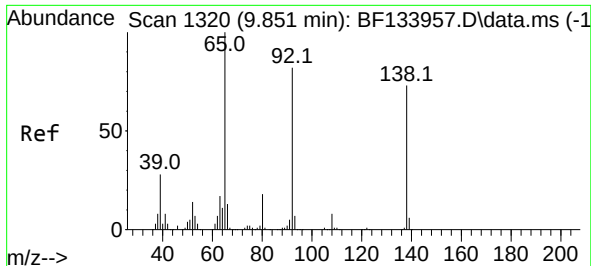
Tgt Ion:165 Resp: 156520
Ion Ratio Lower Upper
165 100
63 65.2 48.5 72.7
89 59.4 45.5 68.3



#52
Acenaphthene
Concen: 42.252 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:154 Resp: 563021
Ion Ratio Lower Upper
154 100
153 114.3 89.4 134.2
152 54.4 42.8 64.2

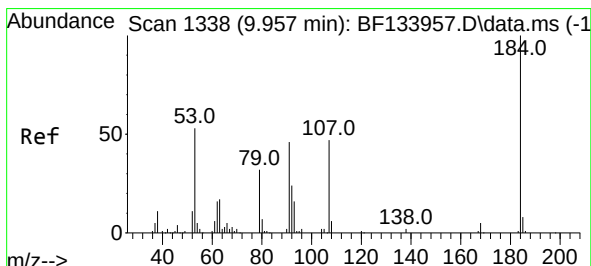
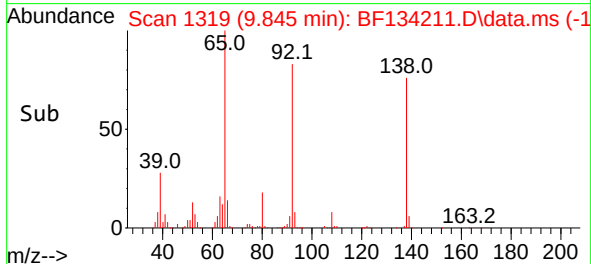
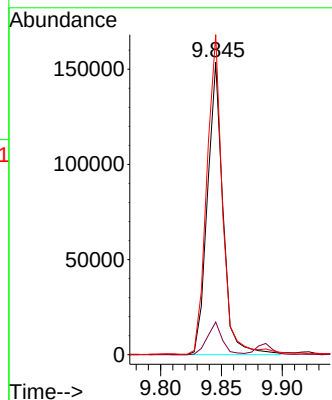
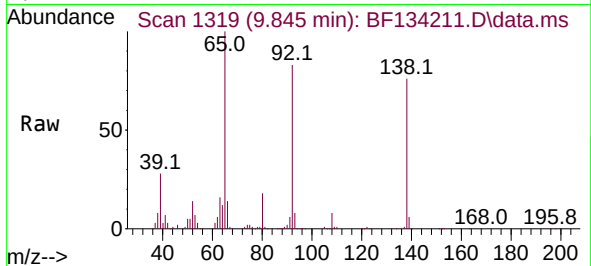




#53
3-Nitroaniline
Concen: 31.718 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

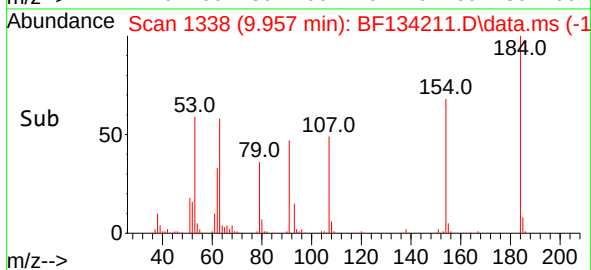
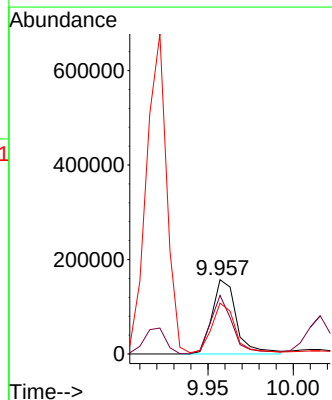
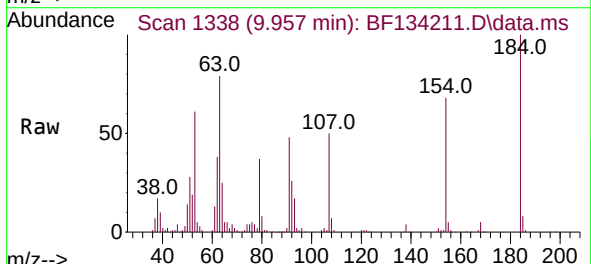
Instrument :
BNA_F
ClientSampleId :

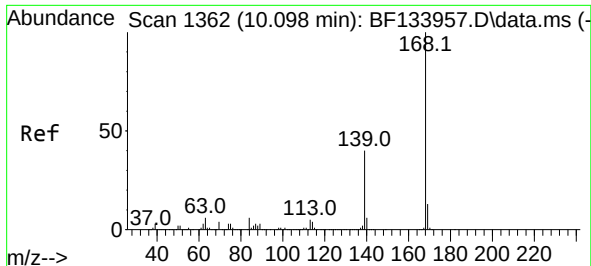
Tgt Ion:138 Resp: 136267
Ion Ratio Lower Upper
138 100
108 11.2 8.4 12.6
92 109.5 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 75.939 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:184 Resp: 156625
Ion Ratio Lower Upper
184 100
63 78.9 56.9 85.3
154 68.4 55.4 83.0

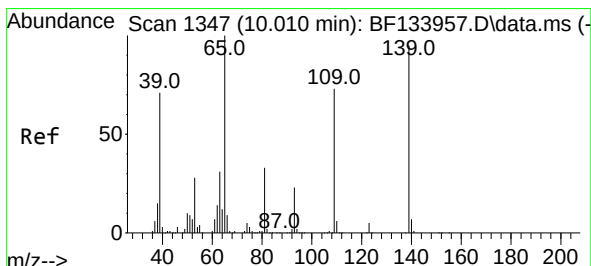
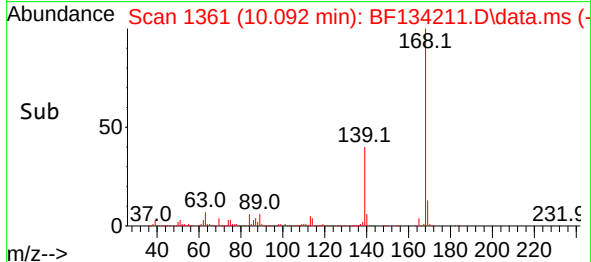
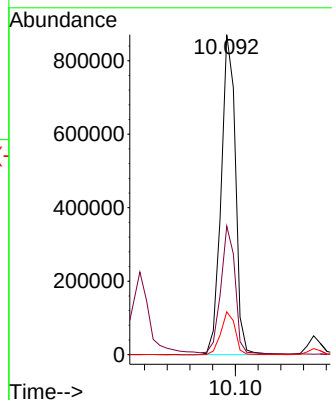
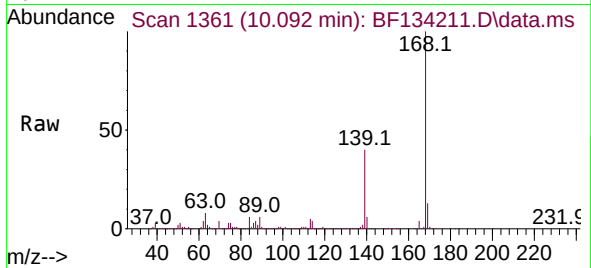




#55
Dibenzenofuran
Concen: 36.725 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

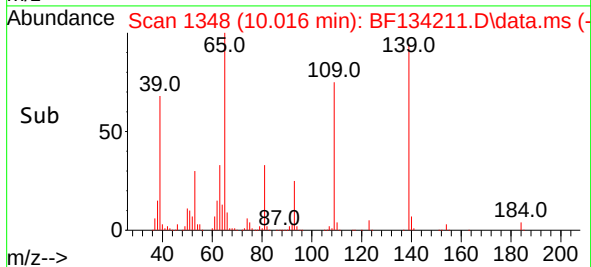
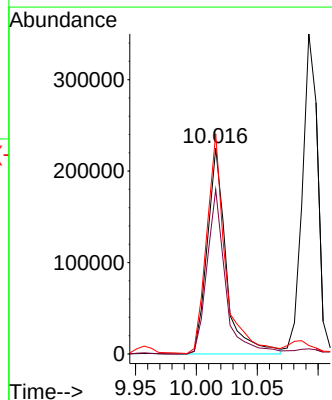
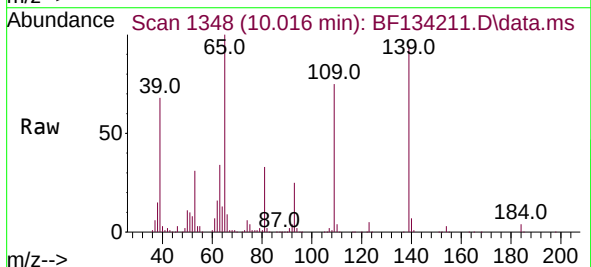
Instrument :
BNA_F
ClientSampleId :

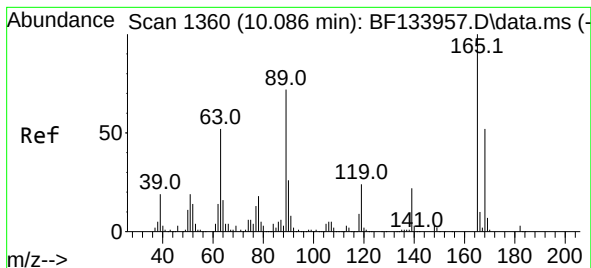
Tgt Ion:168 Resp: 764802
Ion Ratio Lower Upper
168 100
139 40.2 32.0 48.0
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 80.884 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:139 Resp: 243064
Ion Ratio Lower Upper
139 100
109 79.9 56.8 96.8
65 106.9 86.1 126.1

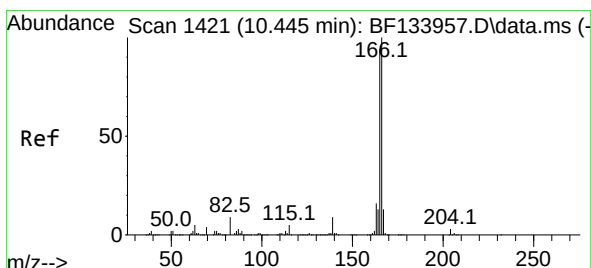
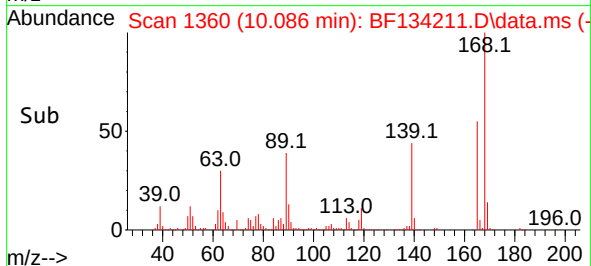
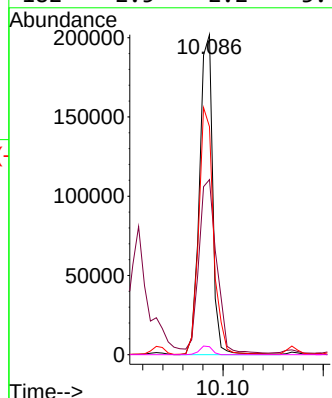
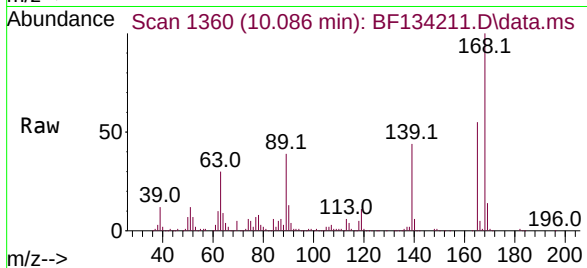




#57
2,4-Dinitrotoluene
Concen: 38.922 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

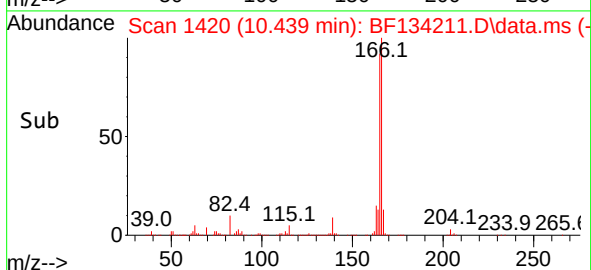
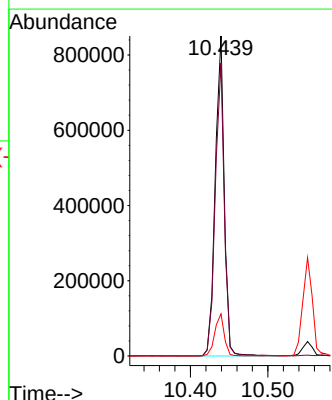
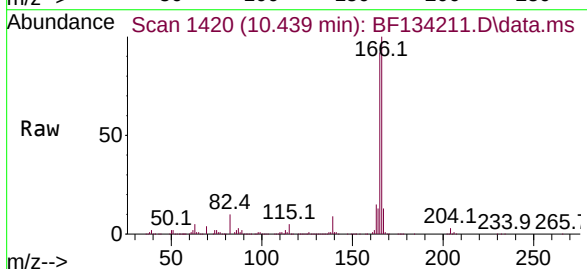
Instrument :
BNA_F
ClientSampleId :

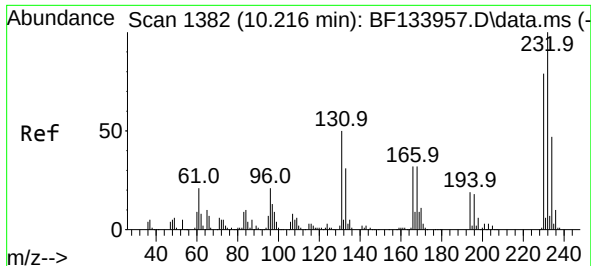
Tgt Ion:165 Resp: 184075
Ion Ratio Lower Upper
165 100
63 54.7 42.2 63.2
89 71.3 57.4 86.2
182 2.5 2.2 3.4



#58
Fluorene
Concen: 42.511 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:166 Resp: 688750
Ion Ratio Lower Upper
166 100
165 91.6 75.0 112.4
167 13.1 10.6 15.8

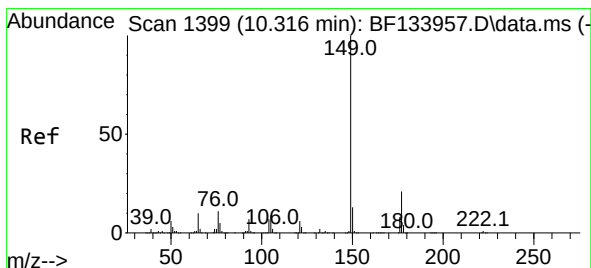
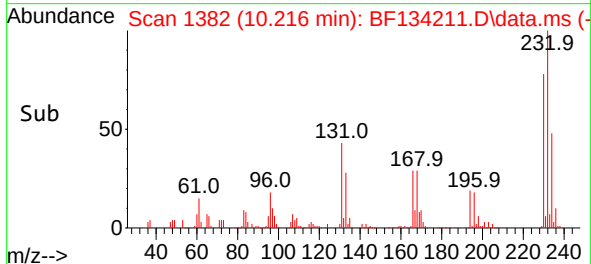
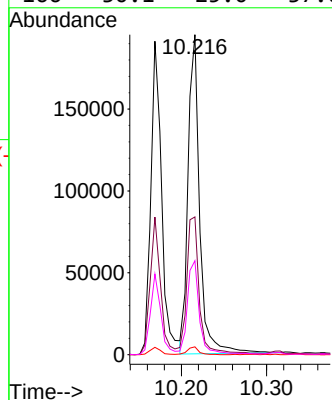
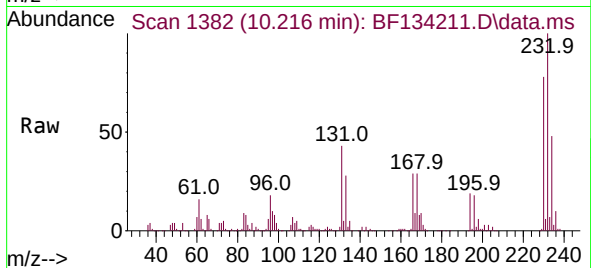




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.043 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

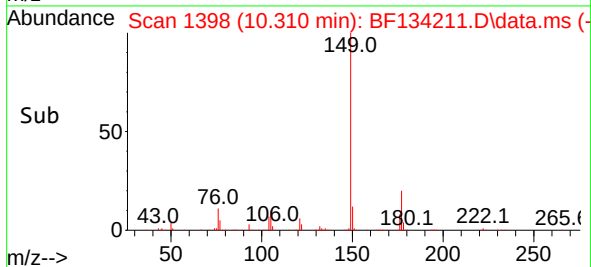
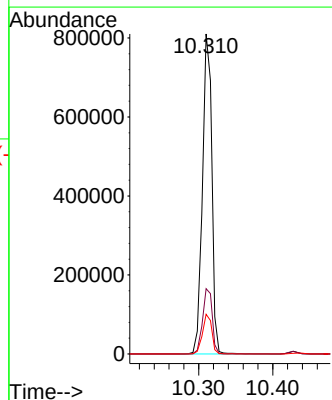
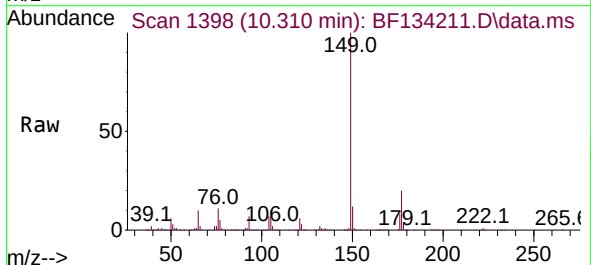
Instrument :
BNA_F
ClientSampleId :

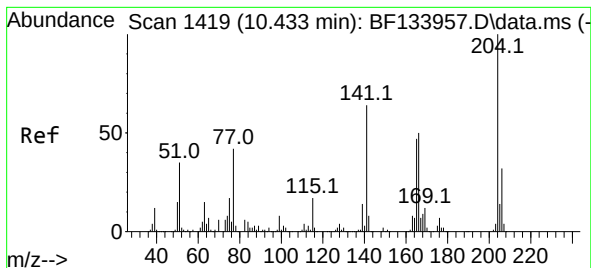
Tgt Ion:232 Resp: 184489
Ion Ratio Lower Upper
232 100
131 47.4 39.3 58.9
130 2.4 1.8 2.6
166 30.1 25.0 37.6



#60
Diethylphthalate
Concen: 41.393 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:149 Resp: 717032
Ion Ratio Lower Upper
149 100
177 20.4 17.0 25.6
150 12.4 10.2 15.2

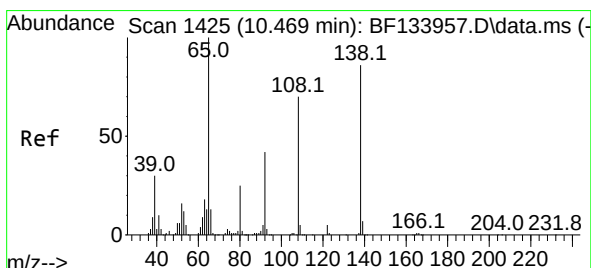
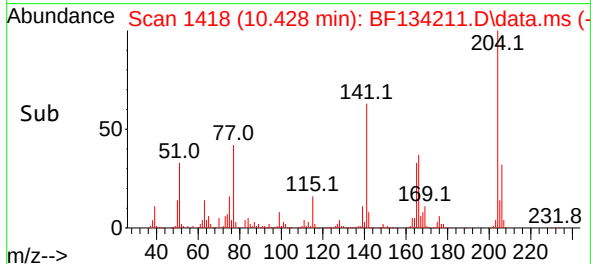
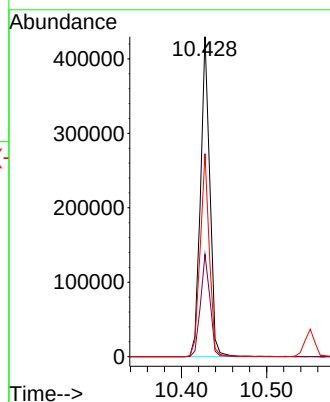
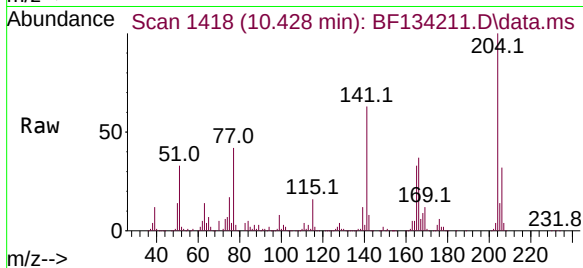




#61
4-Chlorophenyl-phenylether
Concen: 41.946 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

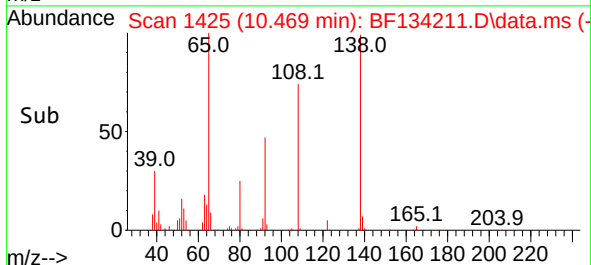
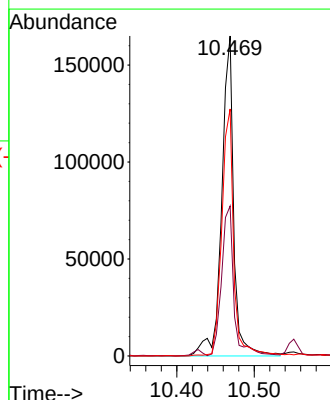
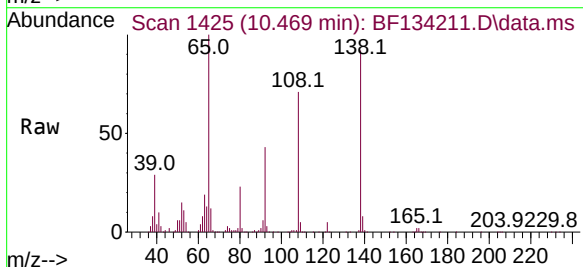
Instrument :
BNA_F
ClientSampleId :

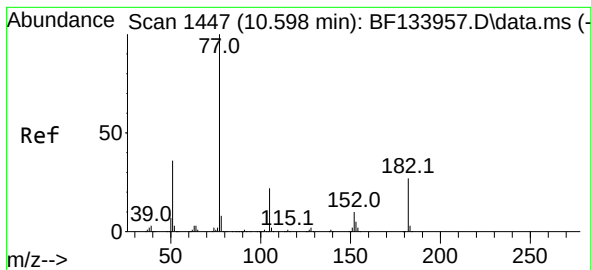
Tgt Ion:204 Resp: 327509
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.6
141 63.5 51.5 77.3



#62
4-Nitroaniline
Concen: 41.075 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:138 Resp: 177841
Ion Ratio Lower Upper
138 100
92 46.9 29.7 69.7
108 77.2 62.1 102.1





#63

Azobenzene

Concen: 41.367 ng

RT: 10.592 min Scan# 1447

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 677826

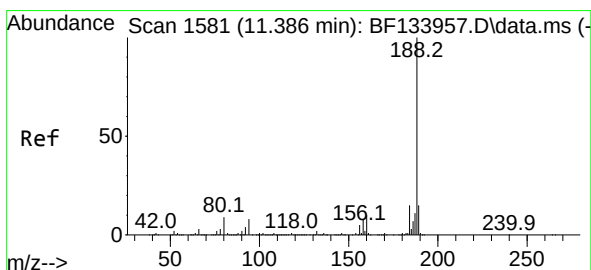
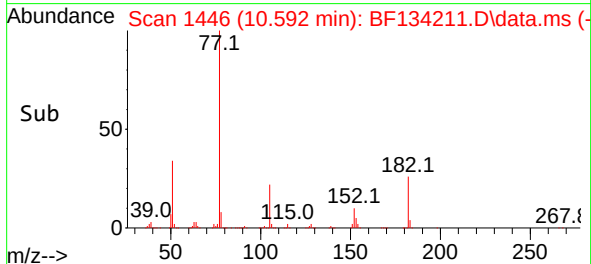
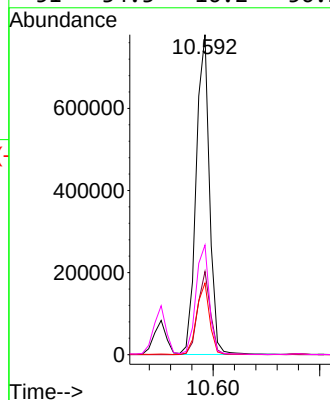
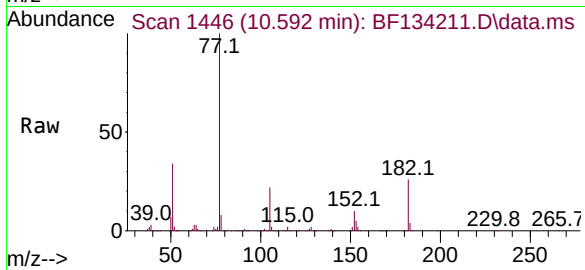
Ion Ratio Lower Upper

77 100

182 26.0 6.8 46.8

105 22.4 2.3 42.3

51 34.3 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

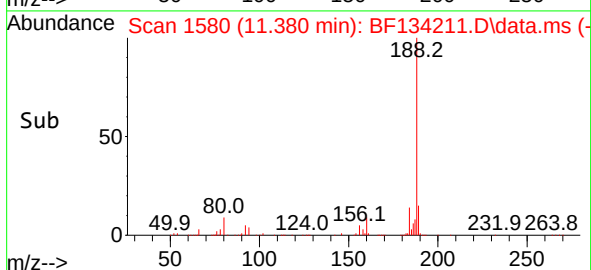
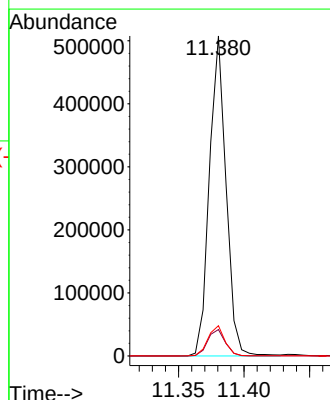
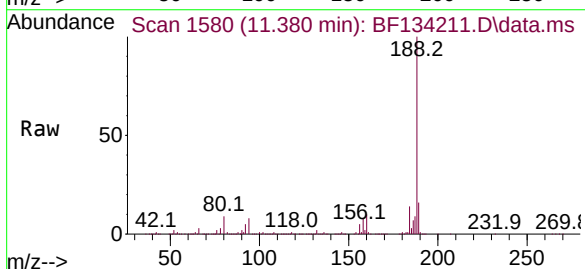
Tgt Ion: 188 Resp: 449463

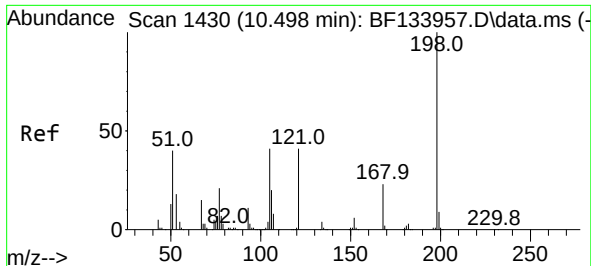
Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 9.4 7.3 10.9

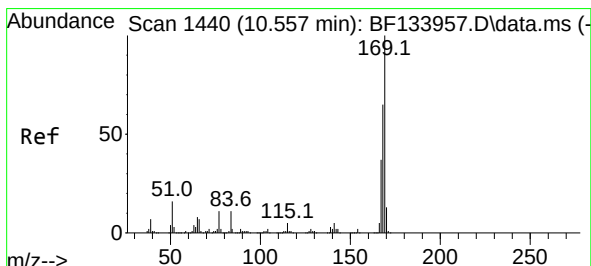
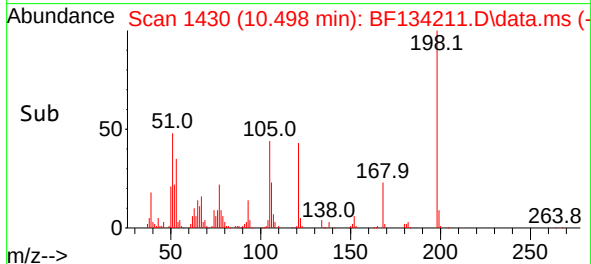
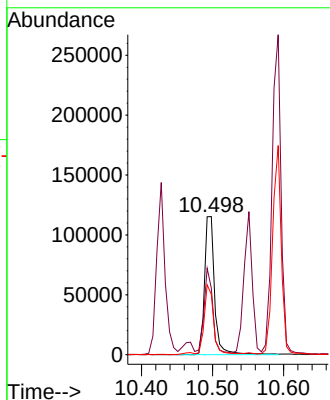
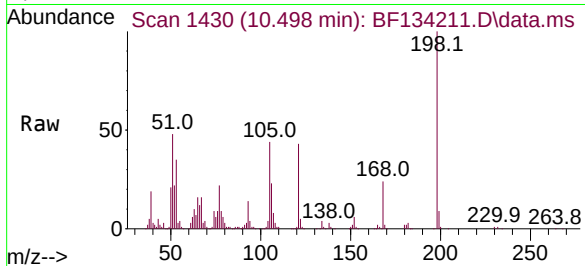




#65
4,6-Dinitro-2-methylphenol
Concen: 46.597 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

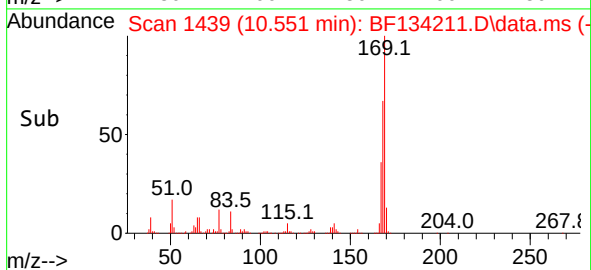
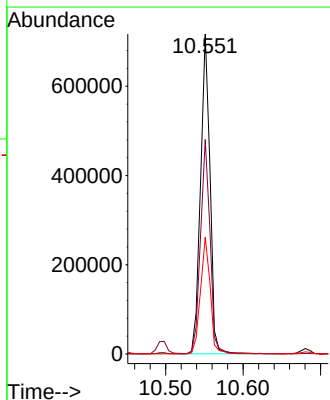
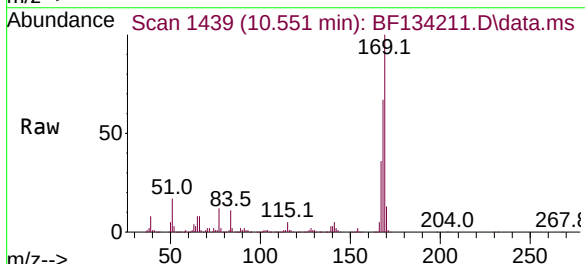
Instrument :
BNA_F
ClientSampleId :

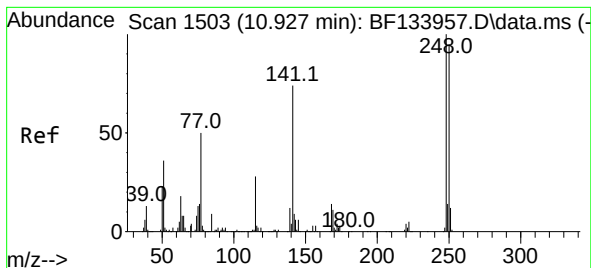
Tgt Ion:198 Resp: 114183
Ion Ratio Lower Upper
198 100
51 48.2 29.3 69.3
105 43.7 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 42.301 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:169 Resp: 607467
Ion Ratio Lower Upper
169 100
168 67.0 52.3 78.5
167 36.5 29.4 44.0

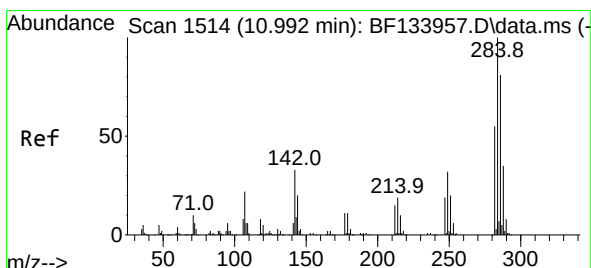
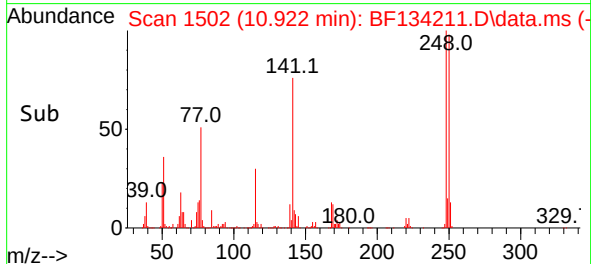
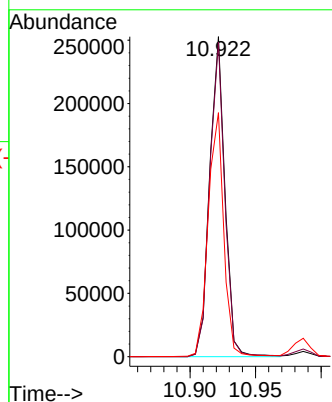
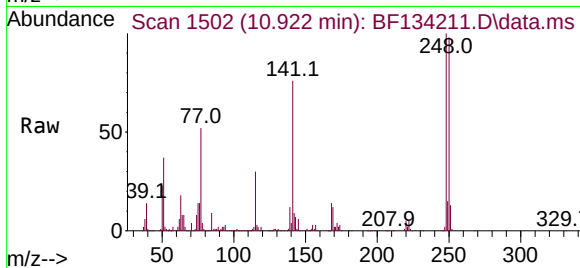




#67
4-Bromophenyl-phenylether
Concen: 42.915 ng
RT: 10.922 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

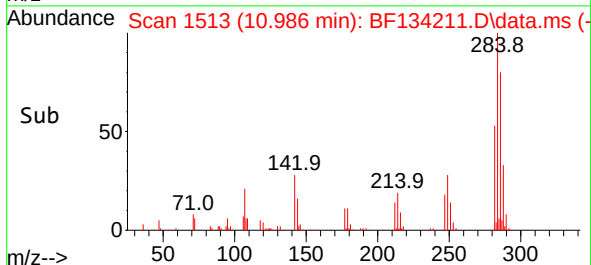
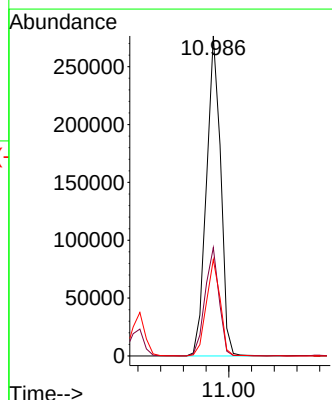
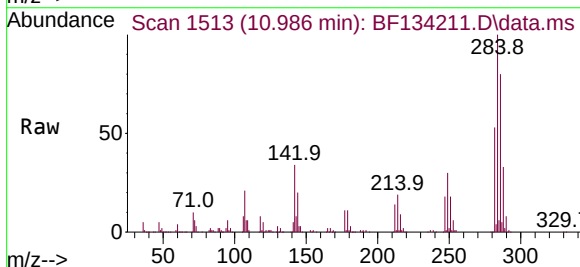
Instrument :
BNA_F
ClientSampleId :

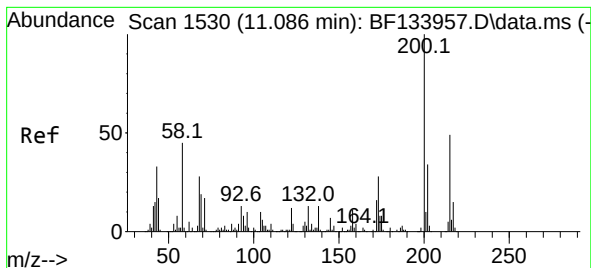
Tgt Ion:248 Resp: 205018
Ion Ratio Lower Upper
248 100
250 98.3 76.2 114.4
141 76.2 59.0 88.4



#68
Hexachlorobenzene
Concen: 47.174 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:284 Resp: 239283
Ion Ratio Lower Upper
284 100
142 33.9 26.6 40.0
249 30.1 25.5 38.3





#69

Atrazine

Concen: 50.636 ng

RT: 11.080 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

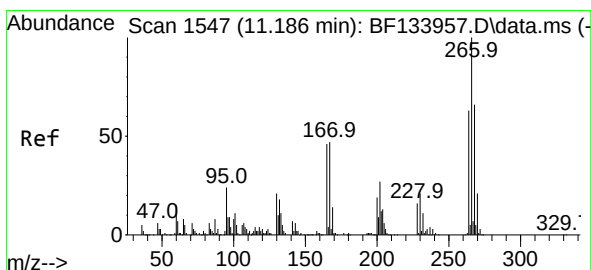
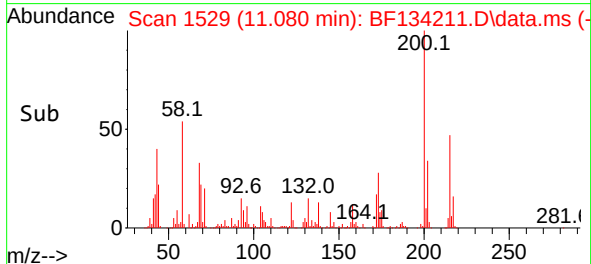
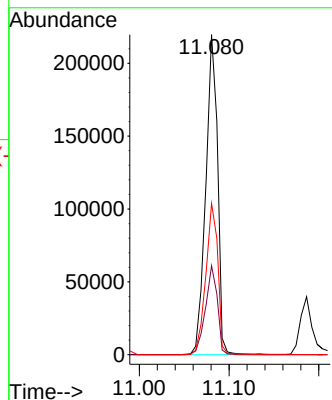
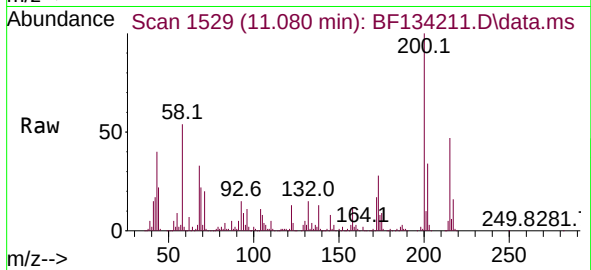
Tgt Ion:200 Resp: 201139

Ion Ratio Lower Upper

200 100

173 27.8 8.0 48.0

215 47.3 29.3 69.3



#70

Pentachlorophenol

Concen: 73.226 ng

RT: 11.186 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

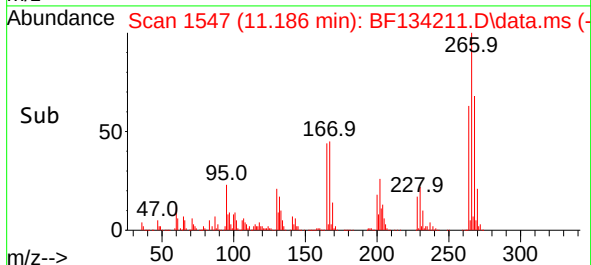
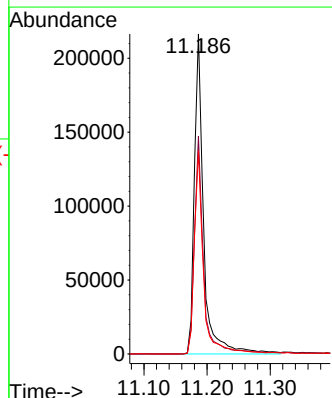
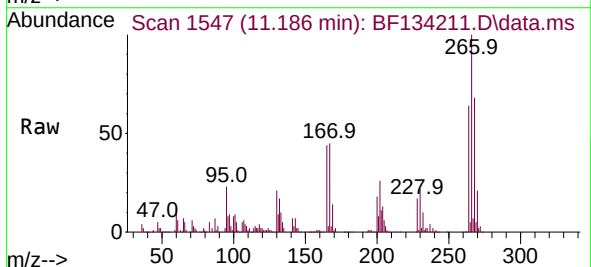
Tgt Ion:266 Resp: 222082

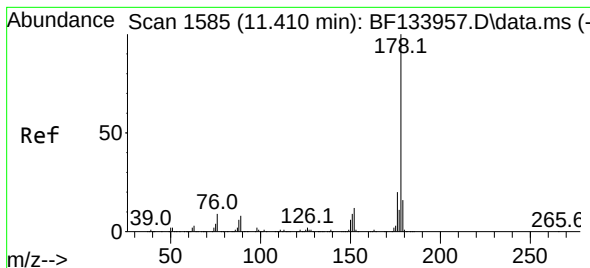
Ion Ratio Lower Upper

266 100

268 68.1 52.6 79.0

264 63.5 50.6 76.0





#71

Phenanthrene

Concen: 43.866 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

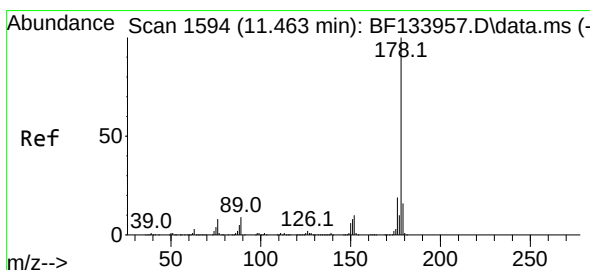
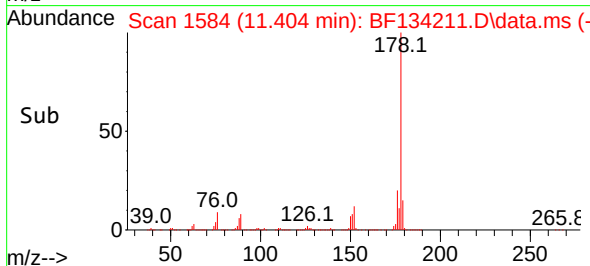
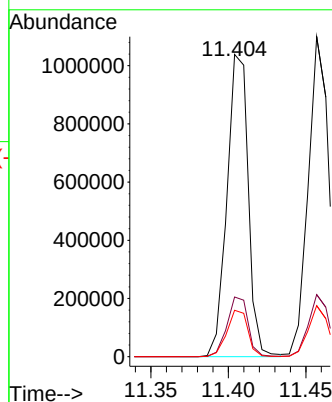
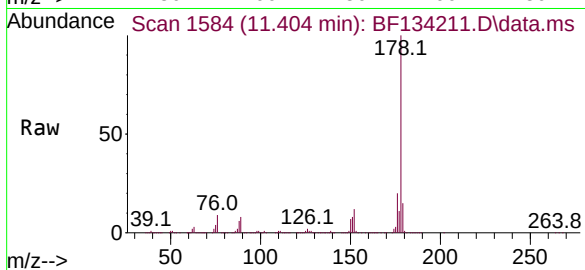
Tgt Ion:178 Resp: 992544

Ion Ratio Lower Upper

178 100

176 19.7 16.0 24.0

179 15.3 12.4 18.6



#72

Anthracene

Concen: 43.190 ng

RT: 11.457 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

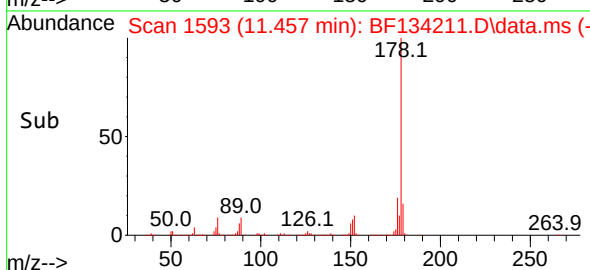
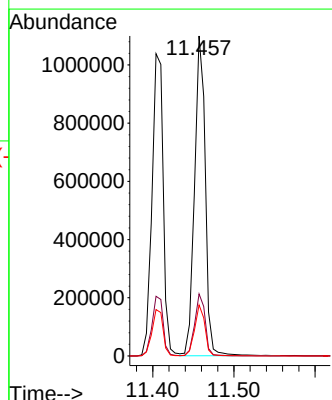
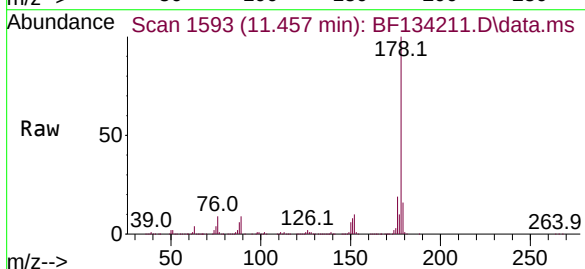
Tgt Ion:178 Resp: 1016446

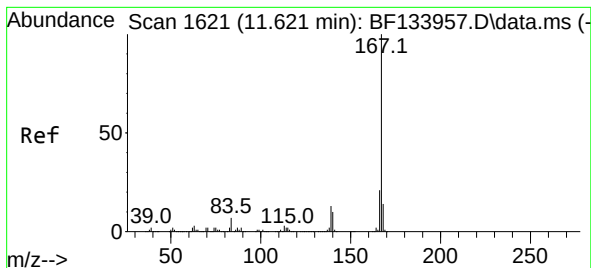
Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 16.0 12.4 18.6





#73

Carbazole

Concen: 44.560 ng

RT: 11.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

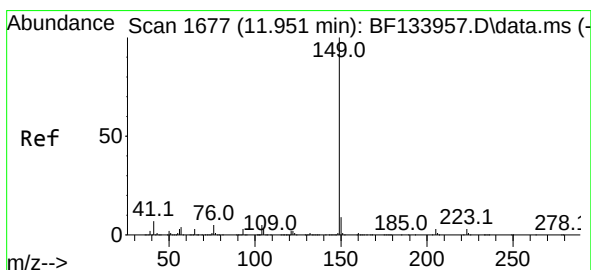
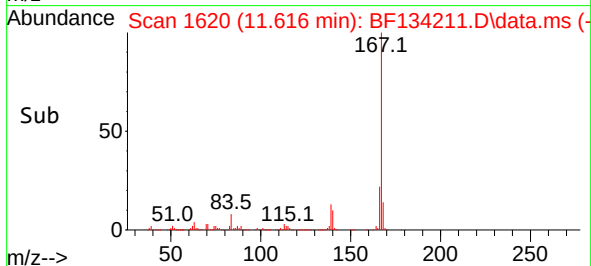
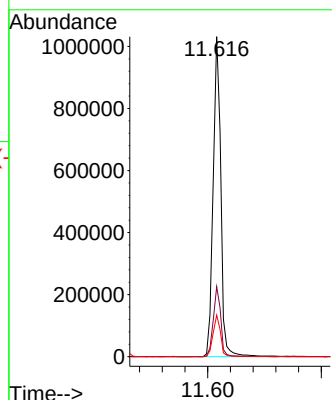
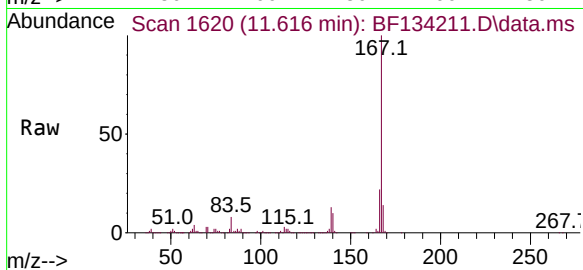
Tgt Ion:167 Resp: 959883

Ion Ratio Lower Upper

167 100

166 21.9 17.0 25.6

139 13.0 10.4 15.6



#74

Di-n-butylphthalate

Concen: 42.180 ng

RT: 11.945 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

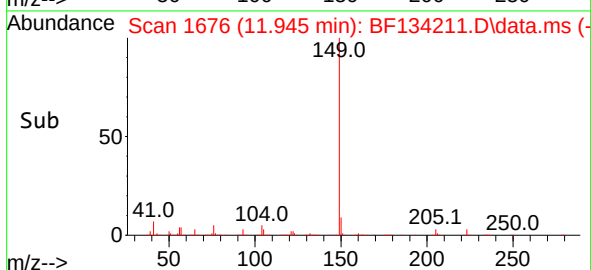
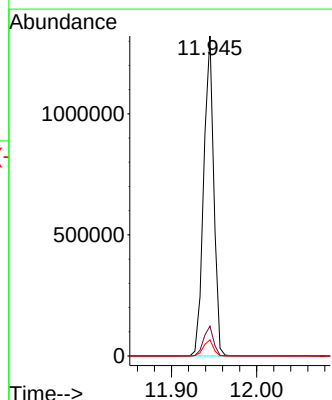
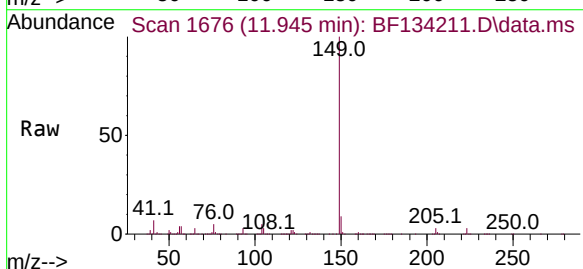
Tgt Ion:149 Resp: 1080506

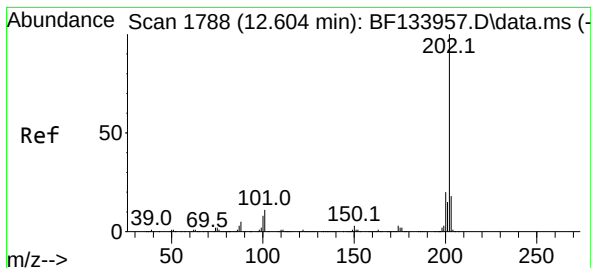
Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

104 5.1 4.0 6.0





#75

Fluoranthene

Concen: 41.867 ng

RT: 12.604 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

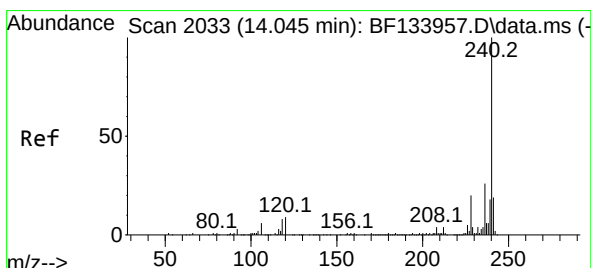
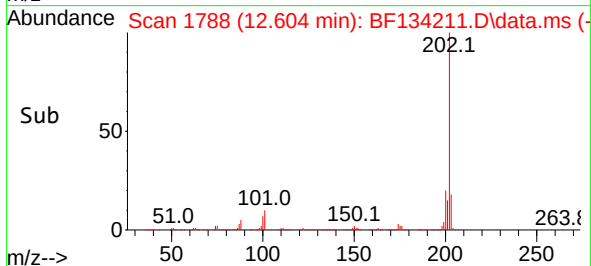
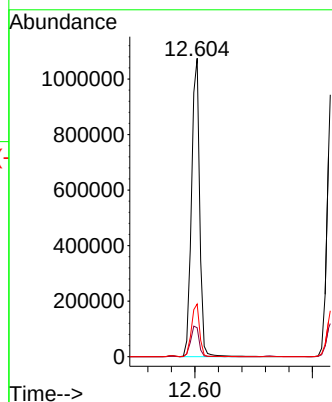
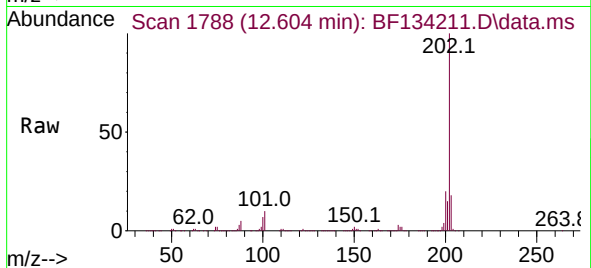
Tgt Ion:202 Resp: 1024130

Ion Ratio Lower Upper

202 100

101 9.7 0.0 31.0

203 17.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

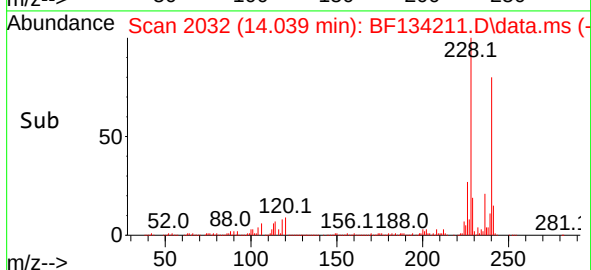
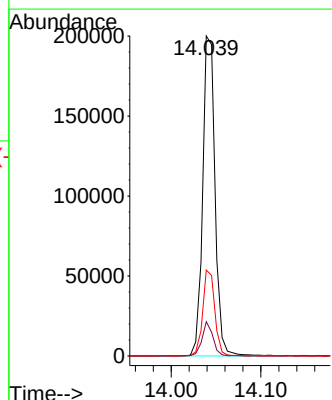
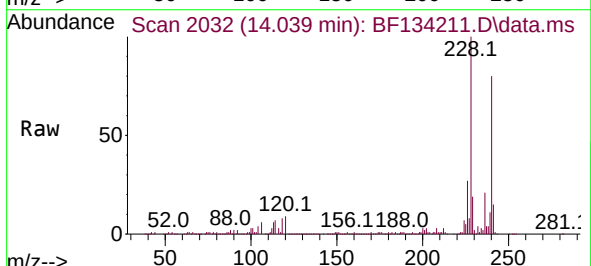
Tgt Ion:240 Resp: 192025

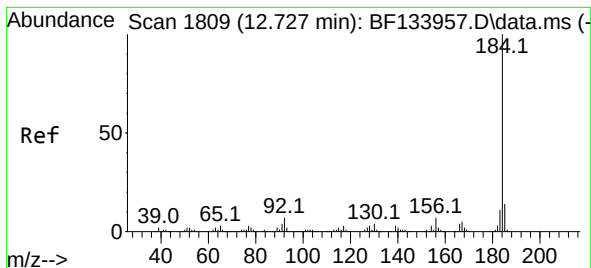
Ion Ratio Lower Upper

240 100

120 10.7 7.4 11.0

236 26.9 21.0 31.6





#77

Benzidine

Concen: 81.875 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

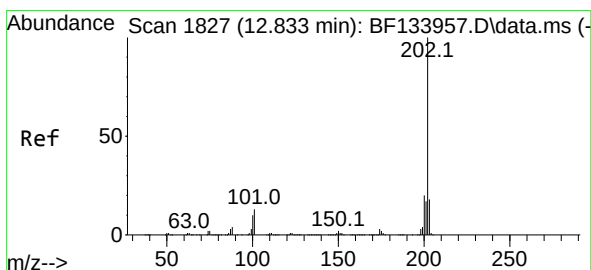
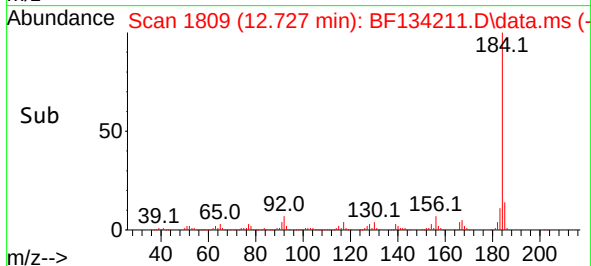
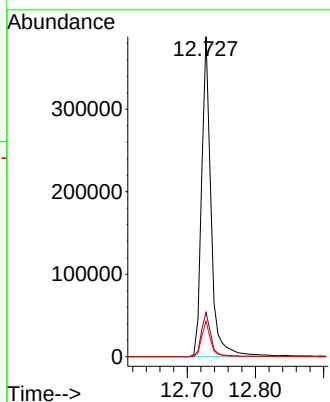
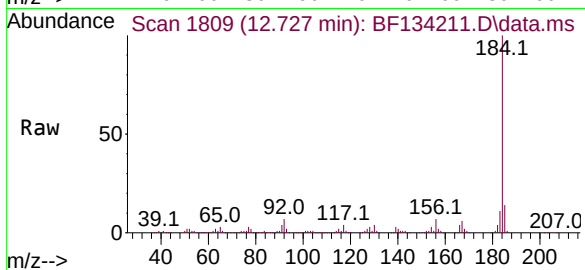
Tgt Ion:184 Resp: 374097

Ion Ratio Lower Upper

184 100

185 13.8 11.6 17.4

183 11.1 8.8 13.2



#78

Pyrene

Concen: 57.713 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

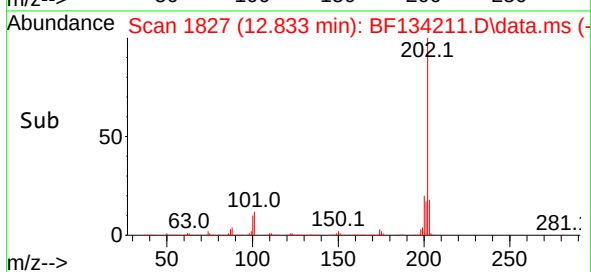
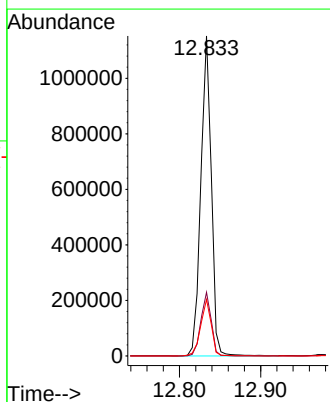
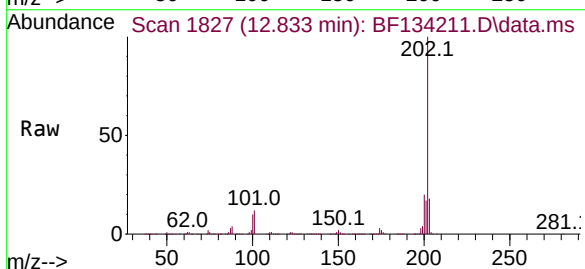
Tgt Ion:202 Resp: 1031365

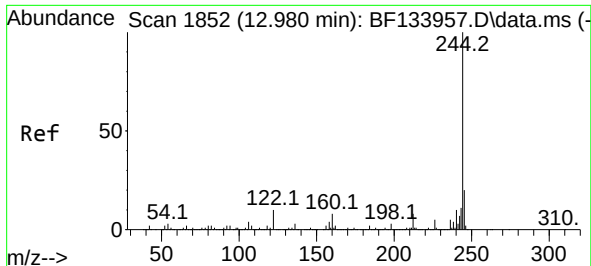
Ion Ratio Lower Upper

202 100

200 19.9 16.1 24.1

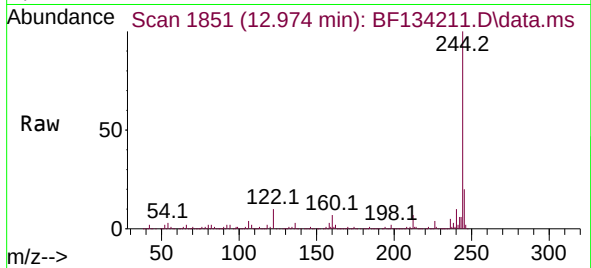
203 17.6 14.3 21.5



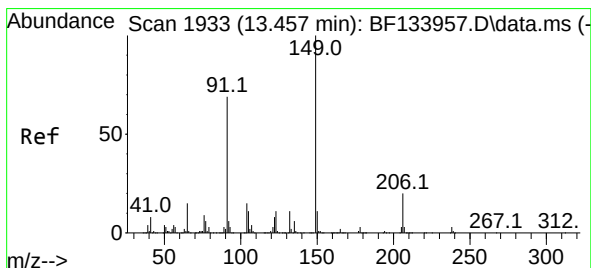
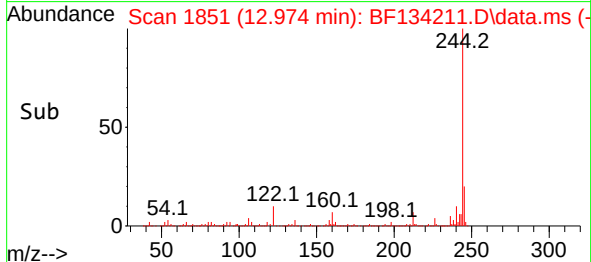
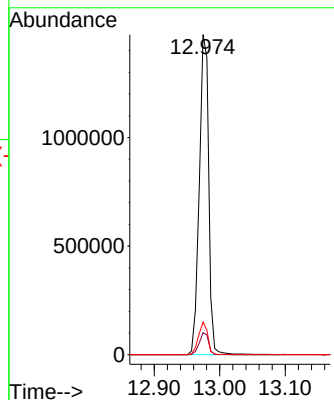


#79
 Terphenyl-d14
 Concen: 123.617 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF134211.D
 Acq: 11 Jul 2023 13:27

Instrument :
 BNA_F
 ClientSampleId :

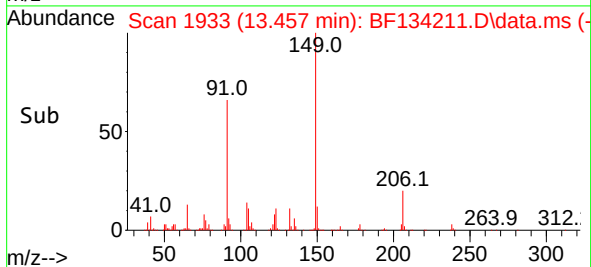
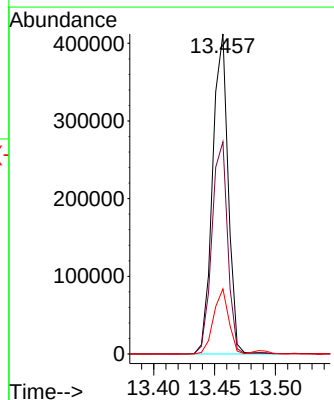
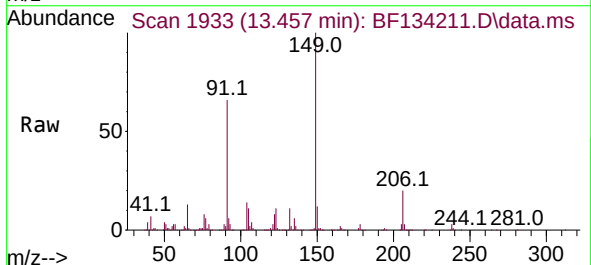


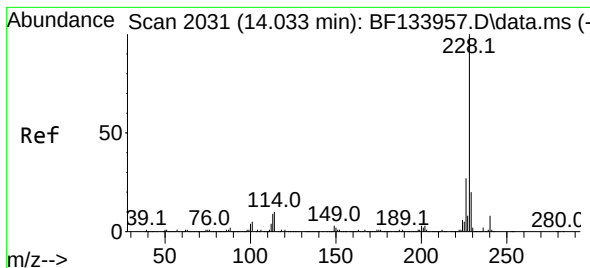
Tgt Ion:244 Resp: 1474909
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 10.2 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 54.565 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. 0.006 min
 Lab File: BF134211.D
 Acq: 11 Jul 2023 13:27

Tgt Ion:149 Resp: 365710
 Ion Ratio Lower Upper
 149 100
 91 66.3 55.1 82.7
 206 20.3 15.7 23.5





#81

Benzo(a)anthracene

Concen: 43.885 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

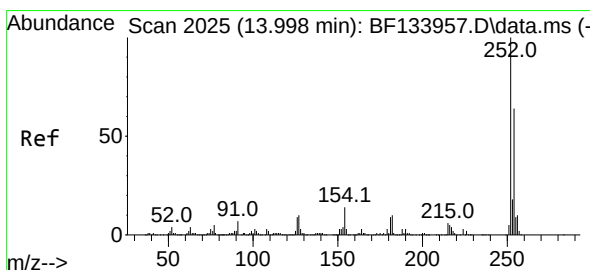
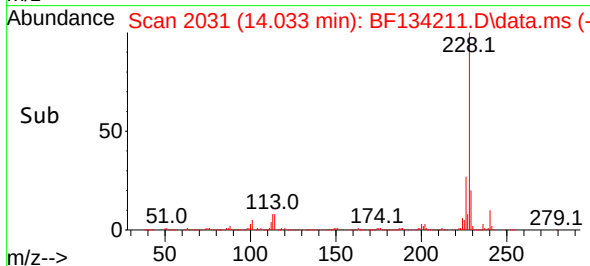
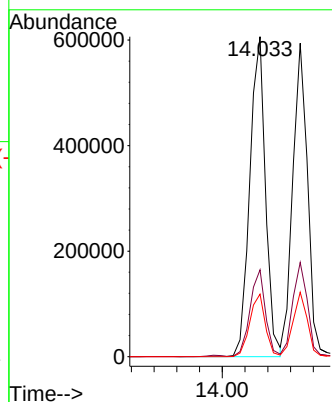
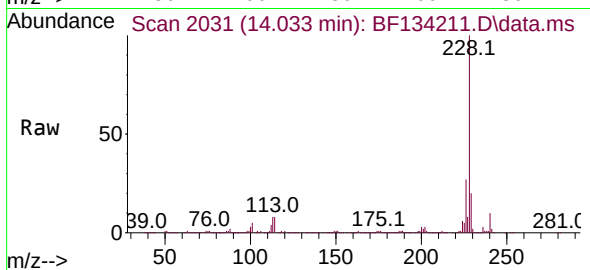
Tgt Ion:228 Resp: 584434

Ion Ratio Lower Upper

228 100

226 27.1 22.0 33.0

229 19.6 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 33.367 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

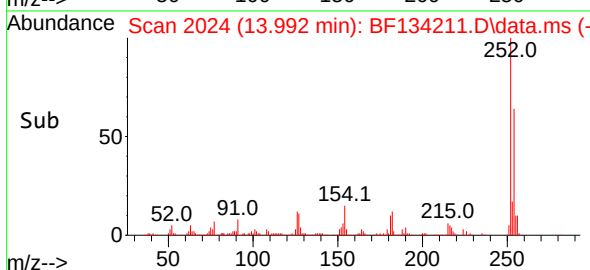
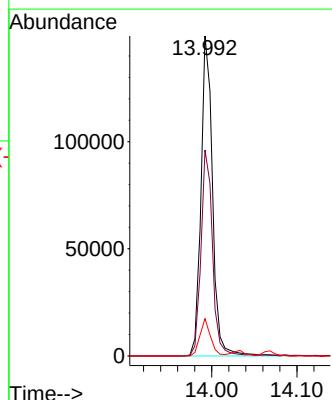
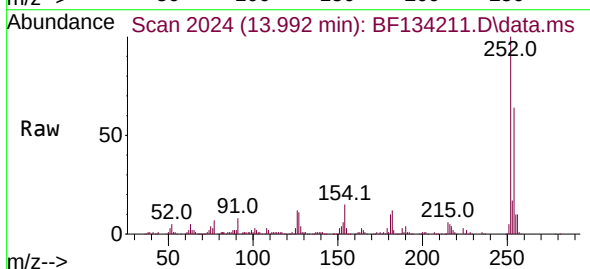
Tgt Ion:252 Resp: 140782

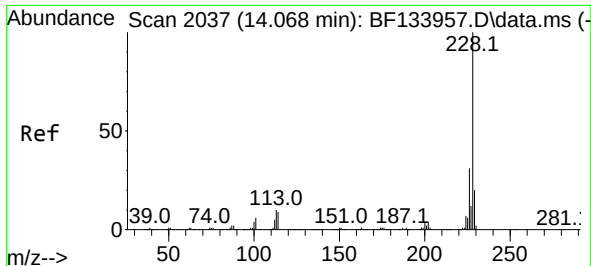
Ion Ratio Lower Upper

252 100

254 64.4 51.4 77.0

126 11.6 7.4 11.2#

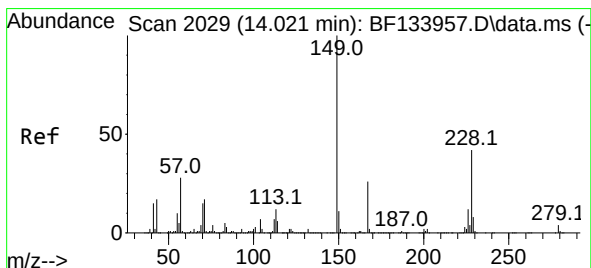
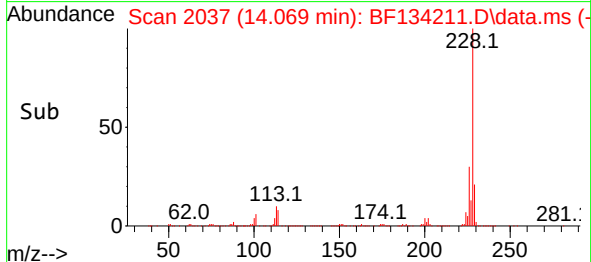
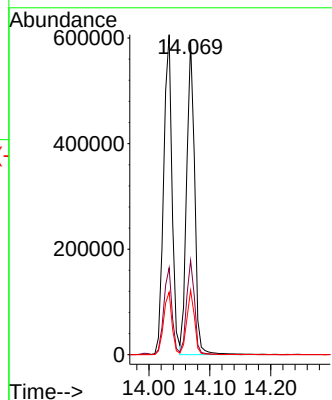
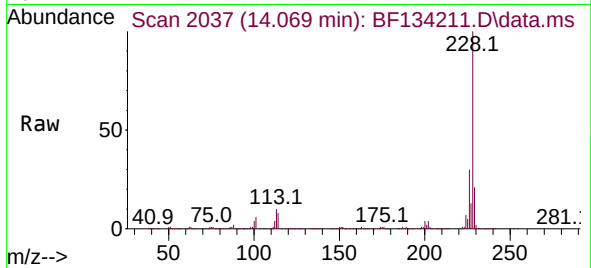




#83
Chrysene
Concen: 42.171 ng
RT: 14.069 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

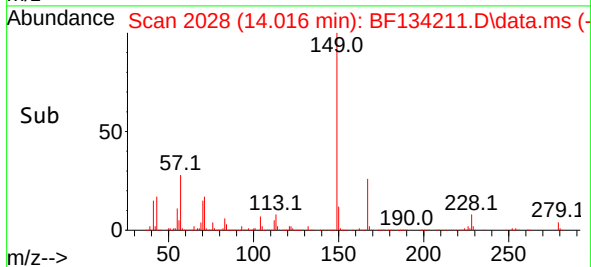
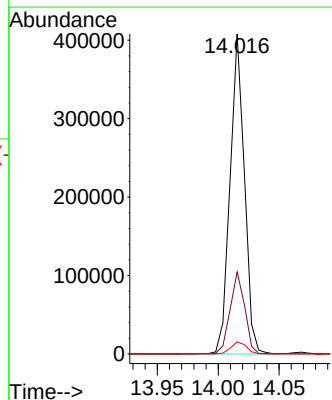
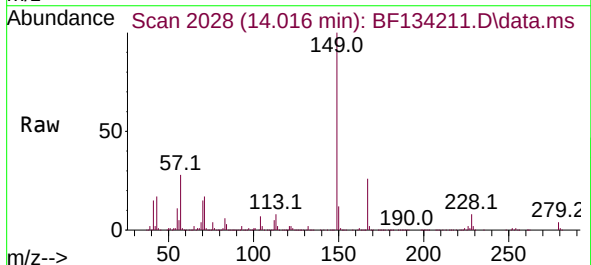
Instrument :
BNA_F
ClientSampleId :

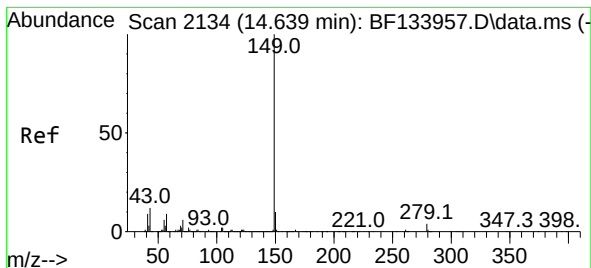
Tgt Ion:228 Resp: 543948
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 20.6 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.454 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:149 Resp: 334655
Ion Ratio Lower Upper
149 100
167 25.6 21.0 31.4
279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 42.452 ng

RT: 14.639 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

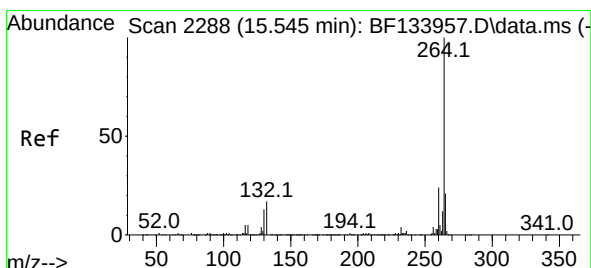
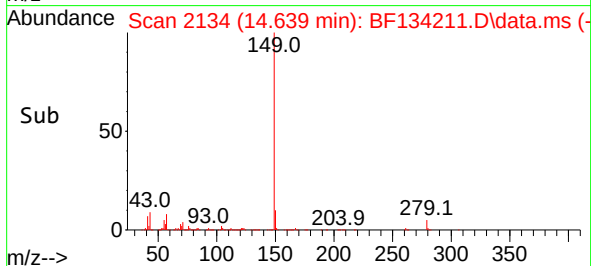
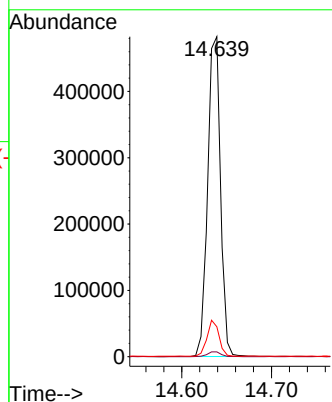
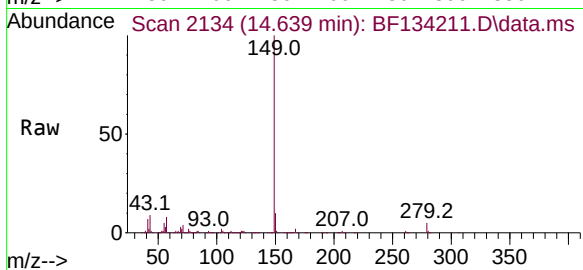
Tgt Ion:149 Resp: 480392

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.4 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

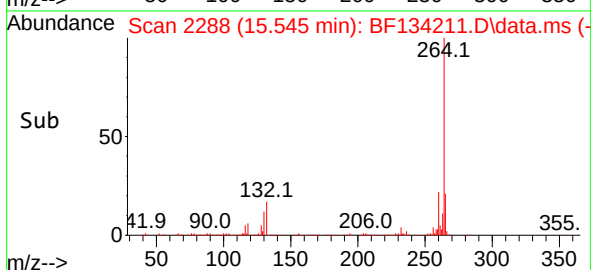
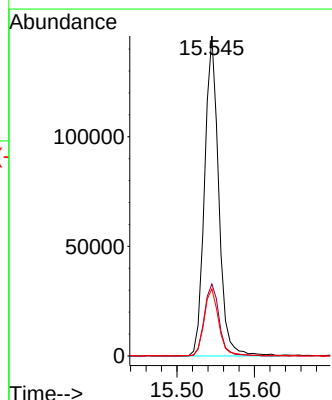
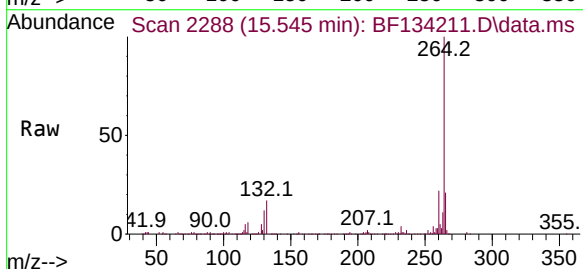
Tgt Ion:264 Resp: 184695

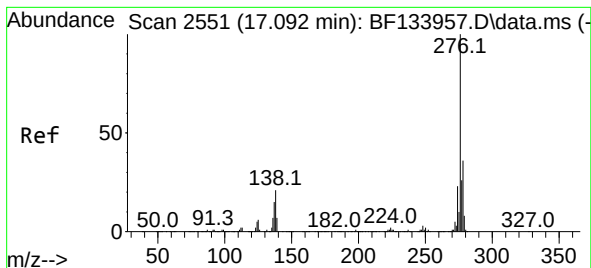
Ion Ratio Lower Upper

264 100

260 22.5 19.5 29.3

265 21.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.331 ng

RT: 17.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

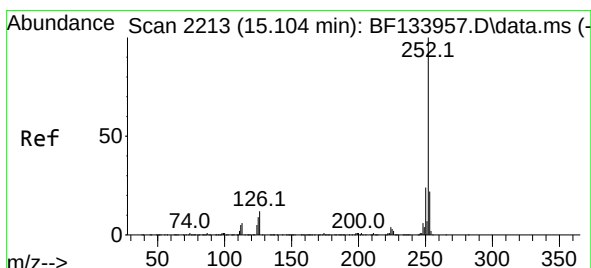
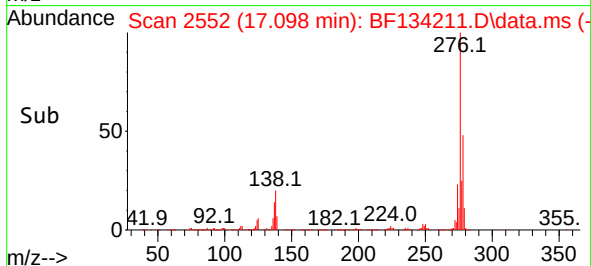
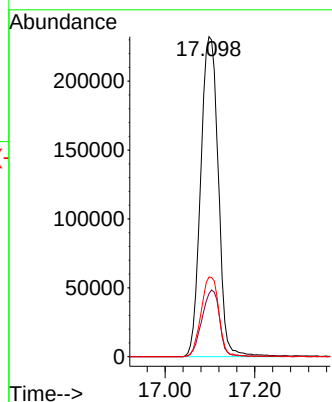
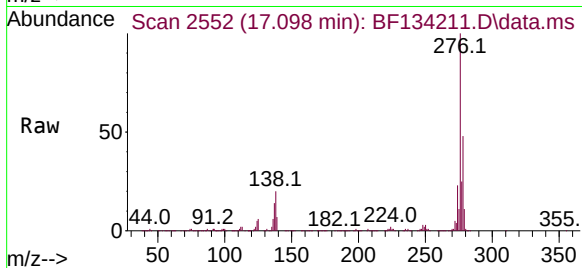
Tgt Ion:276 Resp: 632223

Ion Ratio Lower Upper

276 100

138 20.9 18.7 28.1

277 25.1 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 44.401 ng

RT: 15.104 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

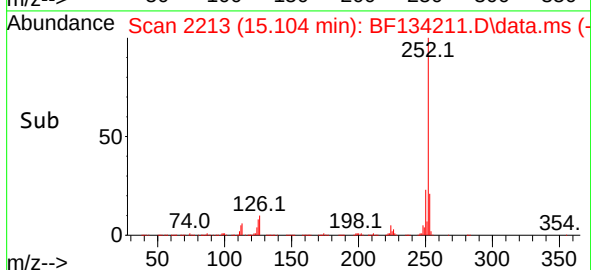
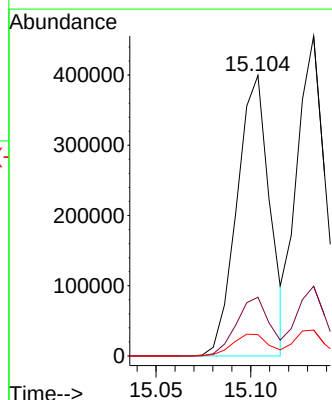
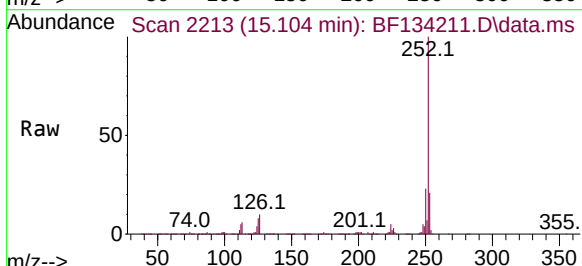
Tgt Ion:252 Resp: 482201

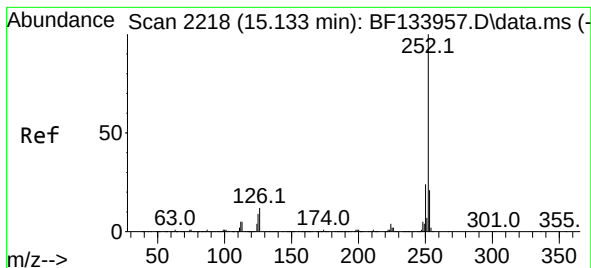
Ion Ratio Lower Upper

252 100

253 20.9 17.4 26.0

125 7.6 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 43.491 ng

RT: 15.133 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

Instrument :

BNA_F

ClientSampleId :

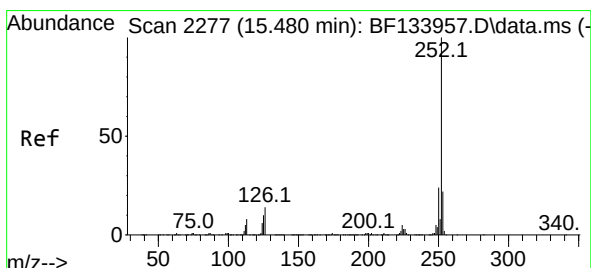
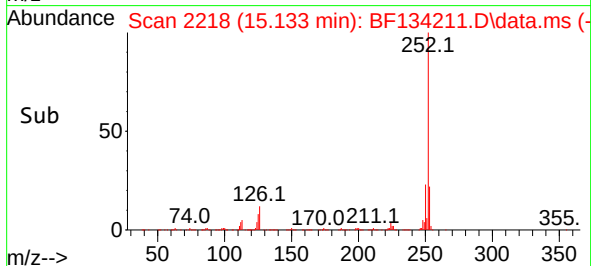
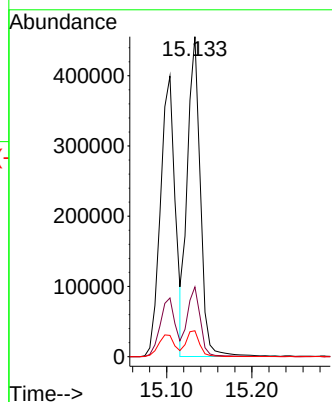
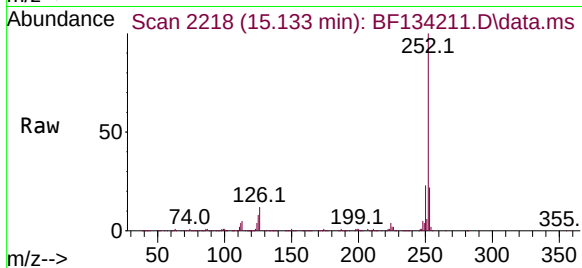
Tgt Ion:252 Resp: 480894

Ion Ratio Lower Upper

252 100

253 21.8 16.9 25.3

125 8.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 41.950 ng

RT: 15.480 min Scan# 2277

Delta R.T. 0.000 min

Lab File: BF134211.D

Acq: 11 Jul 2023 13:27

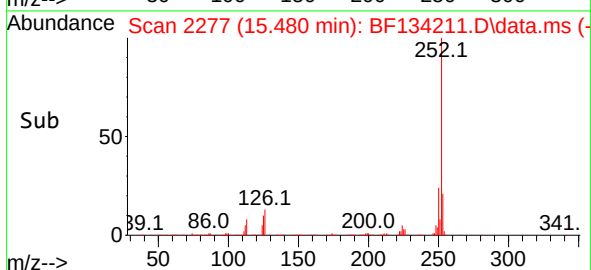
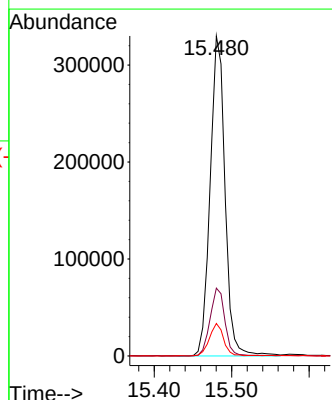
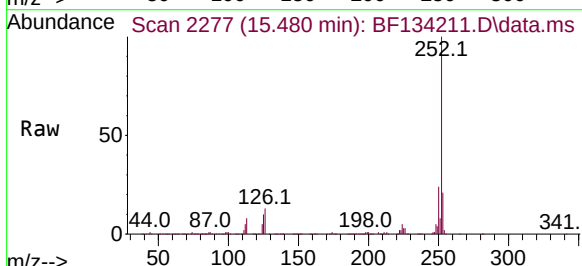
Tgt Ion:252 Resp: 440549

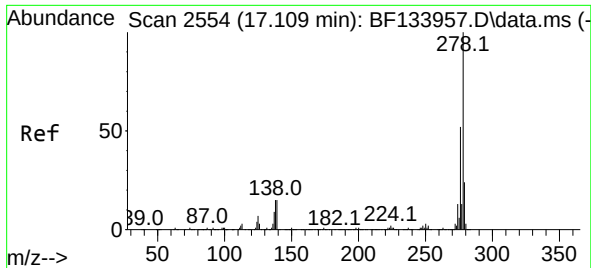
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 10.1 8.4 12.6

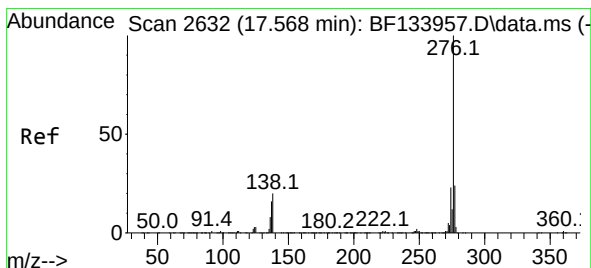
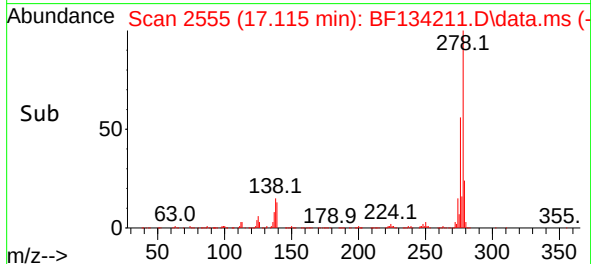
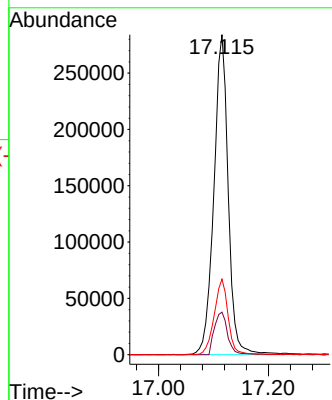
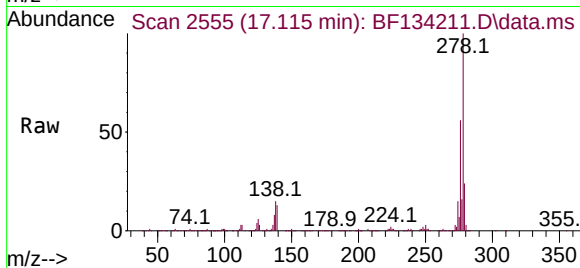




#91
Dibenzo(a,h)anthracene
Concen: 49.239 ng
RT: 17.115 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 515428
Ion Ratio Lower Upper
278 100
139 13.3 12.2 18.4
279 23.6 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 48.371 ng
RT: 17.574 min Scan# 2633
Delta R.T. 0.006 min
Lab File: BF134211.D
Acq: 11 Jul 2023 13:27

Tgt Ion:276 Resp: 522165
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.6
138 16.3 16.2 24.2

