

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
 Data File : BF133211.D
 Acq On : 03 May 2023 17:14
 Operator : CG\JU
 Sample : 02583-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-24MSD

Quant Time: May 03 18:09:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:31:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	177861	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	740021	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	377177	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	615509	20.000	ng	0.00
76) Chrysene-d12	13.886	240	307937	20.000	ng	0.00
86) Perylene-d12	15.304	264	385313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1111758	94.424	ng	0.00
7) Phenol-d6	6.375	99	1344292	91.986	ng	0.00
23) Nitrobenzene-d5	7.298	82	820312	59.833	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	224722	59.243	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1443874	64.044	ng	0.00
79) Terphenyl-d14	12.833	244	1246147	69.793	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.446	88	247466	45.313	ng	98
3) Pyridine	3.140	79	628031	43.297	ng	97
4) n-Nitrosodimethylamine	3.105	42	349275	46.489	ng	97
6) Aniline	6.393	93	529945	28.155	ng	# 51
8) 2-Chlorophenol	6.516	128	625814	52.349	ng	96
9) Benzaldehyde	6.275	77	336802	58.149	ng	100
10) Phenol	6.387	94	760049	47.143	ng	80
11) bis(2-Chloroethyl)ether	6.469	93	591185	48.866	ng	98
12) 1,3-Dichlorobenzene	6.675	146	644250	50.689	ng	96
13) 1,4-Dichlorobenzene	6.745	146	657209	51.594	ng	99
14) 1,2-Dichlorobenzene	6.898	146	625669	53.277	ng	97
15) Benzyl Alcohol	6.881	79	517842	51.297	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	974536	46.378	ng	95
17) 2-Methylphenol	6.998	107	517068	47.236	ng	99
18) Hexachloroethane	7.245	117	228809	51.666	ng	99
19) n-Nitroso-di-n-propyla...	7.151	70	399403	43.900	ng	97
20) 3+4-Methylphenols	7.151	107	616650	47.834	ng	# 75
22) Acetophenone	7.145	105	819216	47.789	ng	98
24) Nitrobenzene	7.316	77	632583	45.534	ng	100
25) Isophorone	7.557	82	1186997	45.600	ng	99
26) 2-Nitrophenol	7.634	139	338306	50.487	ng	94
27) 2,4-Dimethylphenol	7.681	122	569734	49.585	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	716822	46.549	ng	99
29) 2,4-Dichlorophenol	7.881	162	516076	49.338	ng	95
30) 1,2,4-Trichlorobenzene	7.957	180	538109	49.657	ng	98
31) Naphthalene	8.040	128	1725966	46.649	ng	99
32) Benzoic acid	7.681	122	569734	80.274	ng	# 12
33) 4-Chloroaniline	8.087	127	378188	25.299	ng	99
34) Hexachlorobutadiene	8.157	225	294068	48.962	ng	98
35) Caprolactam	8.445	113	140249	39.913	ng	91
36) 4-Chloro-3-methylphenol	8.581	107	547520	48.540	ng	96
37) 2-Methylnaphthalene	8.728	142	1159229	45.828	ng	99
38) 1-Methylnaphthalene	8.828	142	1084783	45.843	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	487660	48.087	ng	99
41) Hexachlorocyclopentadiene	8.887	237	437212	73.923	ng	98
43) 2,4,6-Trichlorophenol	9.010	196	287078	40.933	ng	98

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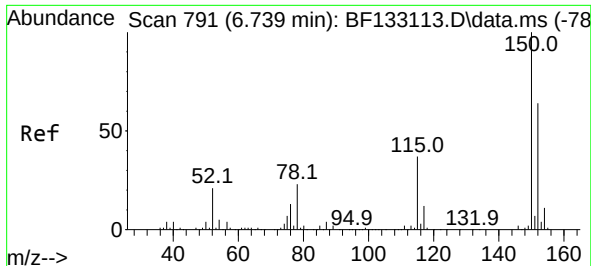
Quant Time: May 03 18:09:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:31:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	298181	36.762	ng	99
46) 1,1'-Biphenyl	9.192	154	1417230	47.386	ng	99
47) 2-Chloronaphthalene	9.216	162	1069576	48.859	ng	99
48) 2-Nitroaniline	9.316	65	353652	48.882	ng	94
49) Acenaphthylene	9.634	152	1654188	47.292	ng	100
50) Dimethylphthalate	9.498	163	1271914	48.362	ng	100
51) 2,6-Dinitrotoluene	9.557	165	292019	49.333	ng	93
52) Acenaphthene	9.804	154	1016040	43.371	ng	99
53) 3-Nitroaniline	9.722	138	251549	35.740	ng	95
55) Dibenzofuran	9.975	168	1488589	46.582	ng	98
56) 4-Nitrophenol	9.892	139	308641	56.618	ng	99
57) 2,4-Dinitrotoluene	9.957	165	382880	50.720	ng	96
58) Fluorene	10.316	166	1072589	45.812	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	161610	25.700	ng	99
60) Diethylphthalate	10.192	149	1209433	48.685	ng	99
61) 4-Chlorophenyl-phenyle...	10.310	204	524010	45.928	ng	99
62) 4-Nitroaniline	10.339	138	330056	51.022	ng	95
63) Azobenzene	10.469	77	1237939	47.042	ng	99
65) 4,6-Dinitro-2-methylph...	10.363	198	10838	2.905	ng	76
66) n-Nitrosodiphenylamine	10.428	169	1014616	50.818	ng	100
67) 4-Bromophenyl-phenylether	10.798	248	337402	50.543	ng	98
68) Hexachlorobenzene	10.863	284	351338	51.363	ng	# 93
69) Atrazine	10.957	200	324163	56.347	ng	98
70) Pentachlorophenol	11.057	266	74559	15.305	ng	98
71) Phenanthrene	11.275	178	1575954	47.638	ng	100
72) Anthracene	11.328	178	1594760	47.105	ng	99
73) Carbazole	11.480	167	1424579	47.256	ng	99
74) Di-n-butylphthalate	11.816	149	1779104	52.150	ng	99
75) Fluoranthene	12.457	202	1389228	41.843	ng	99
77) Benzidine	12.580	184	513908	98.688	ng	# 93
78) Pyrene	12.686	202	1347310	51.040	ng	98
80) Butylbenzylphthalate	13.310	149	573915	61.404	ng	95
81) Benzo(a)anthracene	13.874	228	1017054	48.029	ng	100
82) 3,3'-Dichlorobenzidine	13.839	252	235286	40.221	ng	98
83) Chrysene	13.910	228	1021672	48.259	ng	99
84) Bis(2-ethylhexyl)phtha...	13.874	149	672952	57.362	ng	99
85) Di-n-octyl phthalate	14.486	149	1289189	67.394	ng	99
87) Indeno(1,2,3-cd)pyrene	16.686	276	1118164	51.017	ng	99
88) Benzo(b)fluoranthene	14.904	252	1205798	49.190	ng	99
89) Benzo(k)fluoranthene	14.927	252	1084032	44.611	ng	98
90) Benzo(a)pyrene	15.251	252	1035497	46.410	ng	99
91) Dibenzo(a,h)anthracene	16.704	278	942718	51.570	ng	99
92) Benzo(g,h,i)perylene	17.104	276	846814	46.922	ng	99

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

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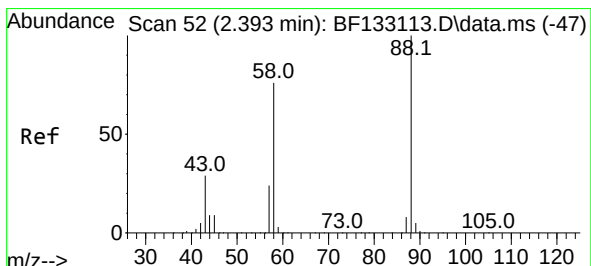
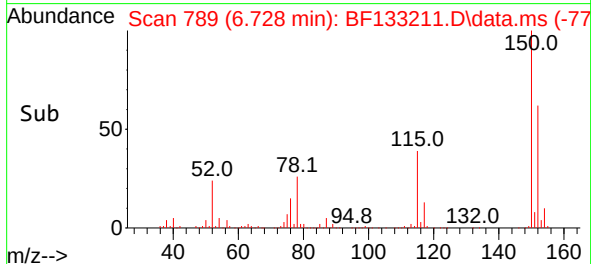
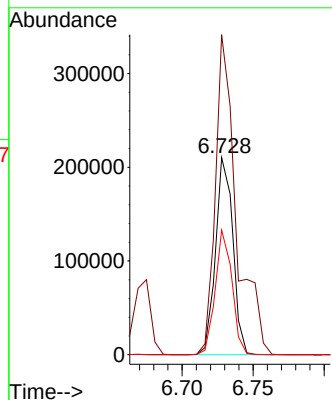
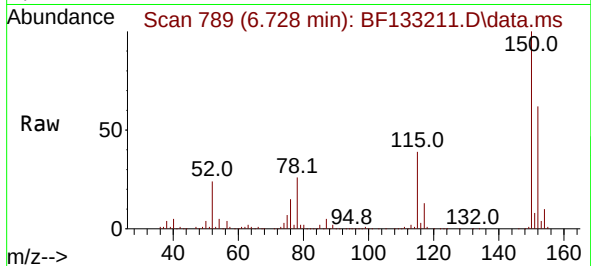




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF133211.D
 Acq: 03 May 2023 17:14

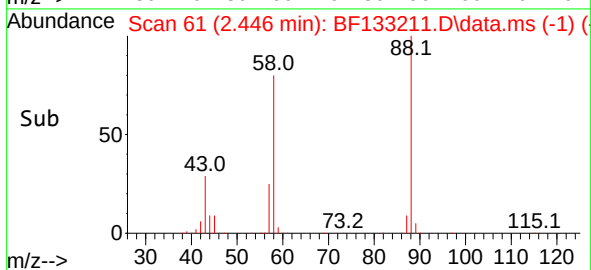
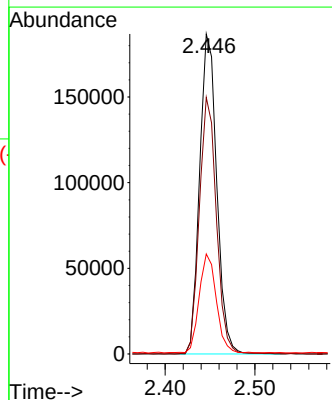
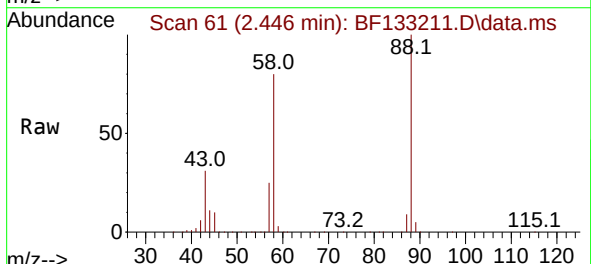
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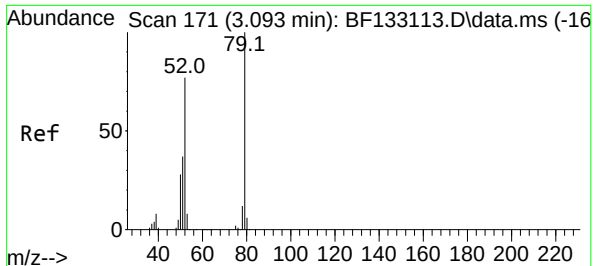
Tgt Ion:152 Resp: 177861
 Ion Ratio Lower Upper
 152 100
 150 162.3 124.8 187.2
 115 63.2 49.9 74.9



#2
 1,4-Dioxane
 Concen: 45.313 ng
 RT: 2.446 min Scan# 61
 Delta R.T. 0.070 min
 Lab File: BF133211.D
 Acq: 03 May 2023 17:14

Tgt Ion: 88 Resp: 247466
 Ion Ratio Lower Upper
 88 100
 58 79.9 64.7 97.1
 43 30.7 26.2 39.2

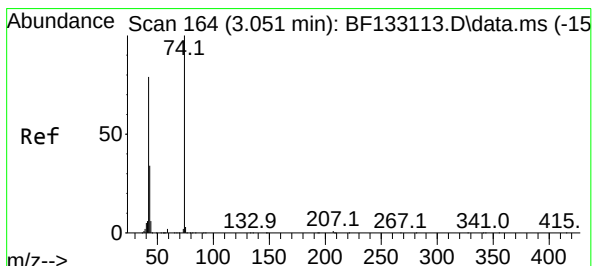
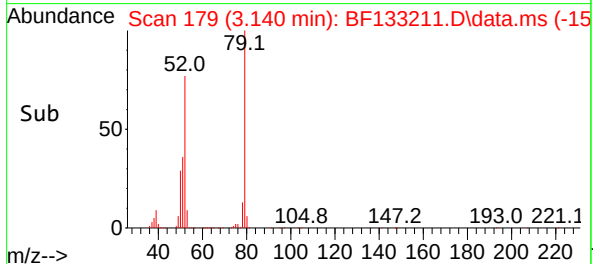
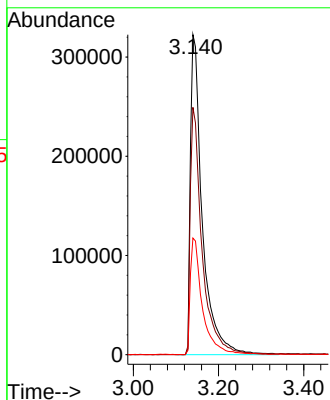
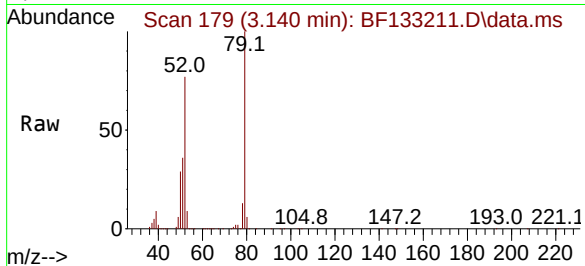




#3
Pyridine
Concen: 43.297 ng
RT: 3.140 min Scan# 11
Delta R.T. 0.065 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

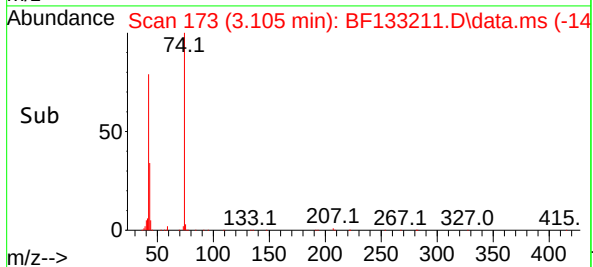
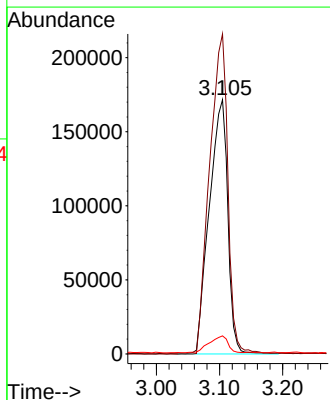
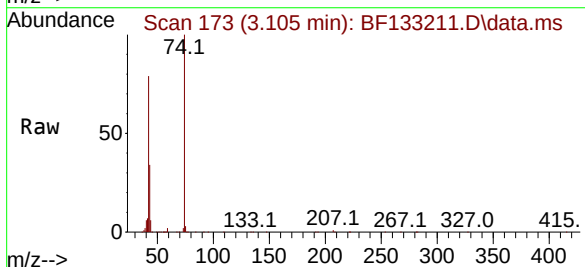
Instrument :
BNA_F
ClientSampleId :
CF-24MSD

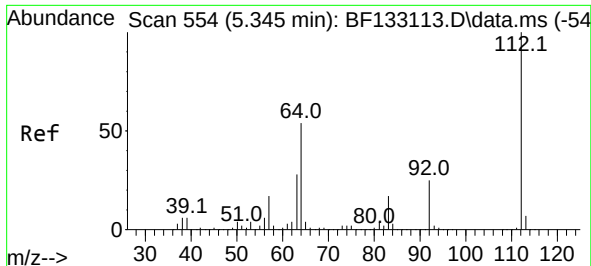
Tgt Ion: 79 Resp: 628031
Ion Ratio Lower Upper
79 100
52 77.3 64.6 96.8
51 36.4 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 46.489 ng
RT: 3.105 min Scan# 173
Delta R.T. 0.070 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion: 42 Resp: 349275
Ion Ratio Lower Upper
42 100
74 125.8 98.0 147.0
44 7.1 5.8 8.8

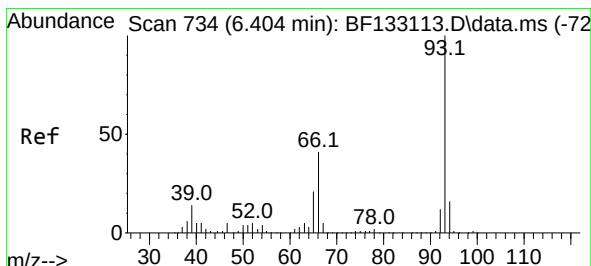
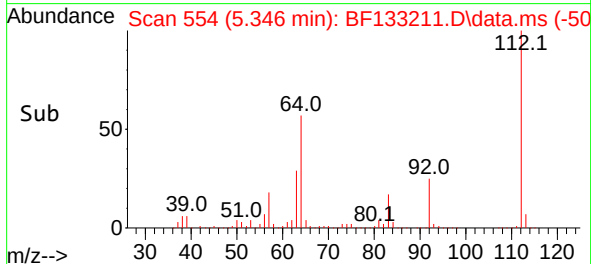
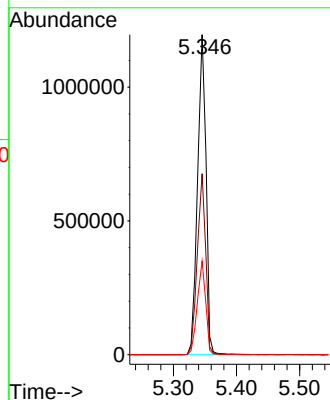
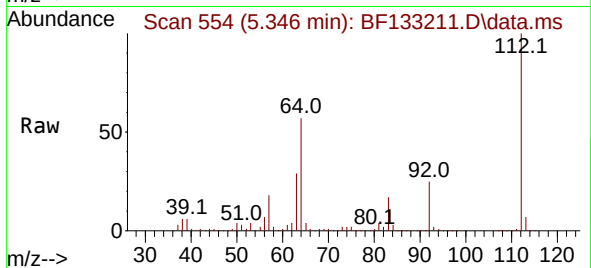




#5
2-Fluorophenol
Concen: 94.424 ng
RT: 5.346 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

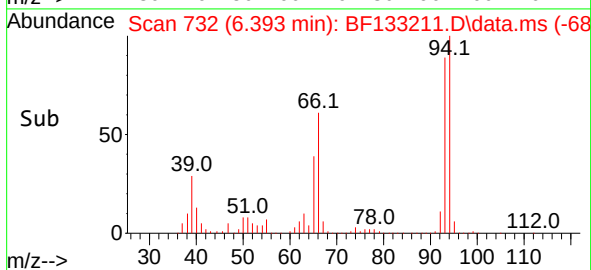
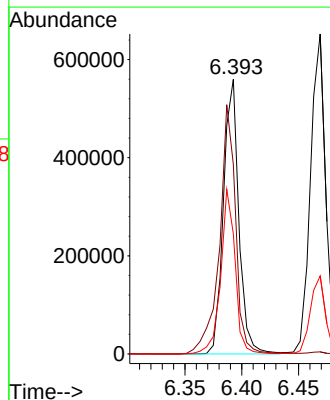
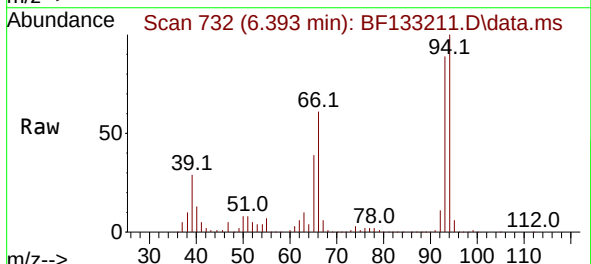
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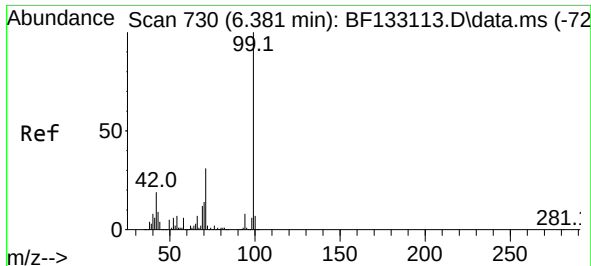
Tgt Ion:112 Resp: 1111758
Ion Ratio Lower Upper
112 100
64 56.6 46.8 70.2
63 29.2 23.8 35.8



#6
Aniline
Concen: 28.155 ng
RT: 6.393 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion: 93 Resp: 529945
Ion Ratio Lower Upper
93 100
66 69.0 31.5 47.3#
65 43.8 16.4 24.6#



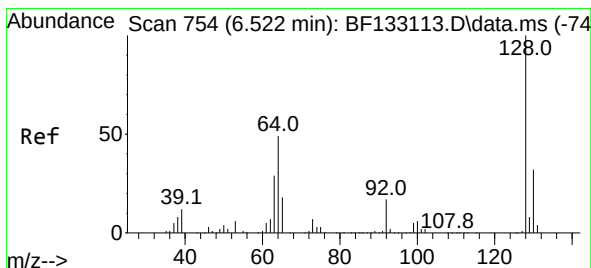
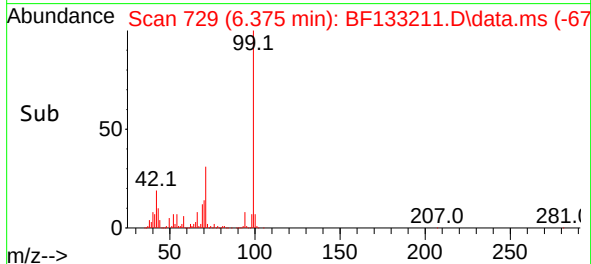
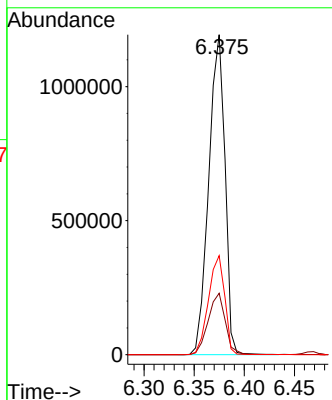
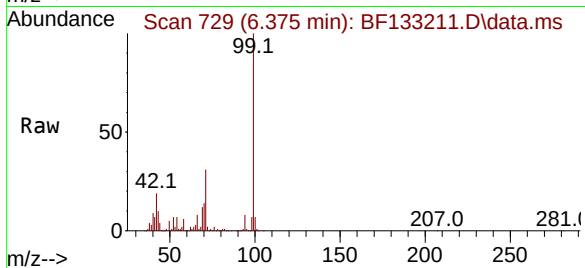


#7
Phenol-d6
Concen: 91.986 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Instrument :
BNA_F
ClientSampleId :
CF-24MSD

Tgt Ion: 99 Resp: 1344292

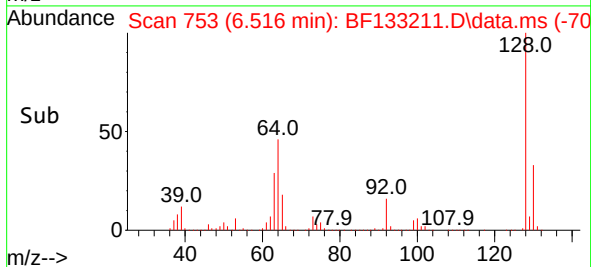
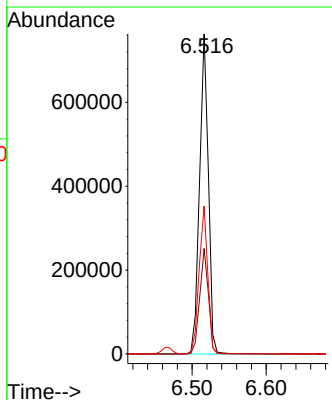
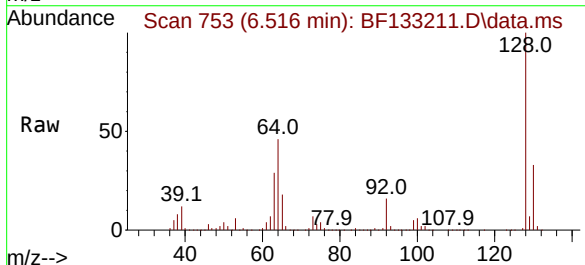
Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.3	24.5
71	31.0	25.6	38.4

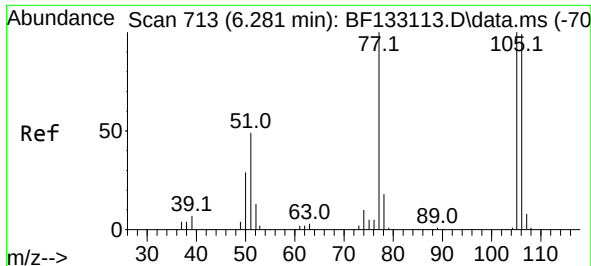


#8
2-Chlorophenol
Concen: 52.349 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion:128 Resp: 625814

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.2	52.2
64	46.2	30.3	70.3

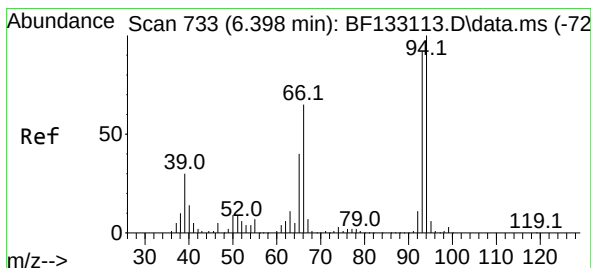
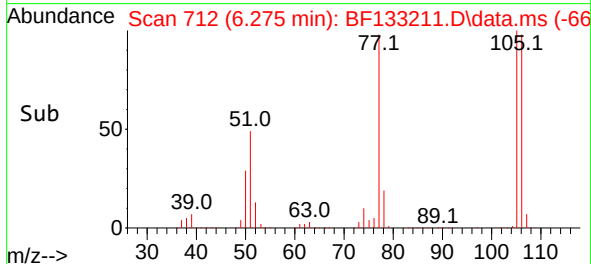
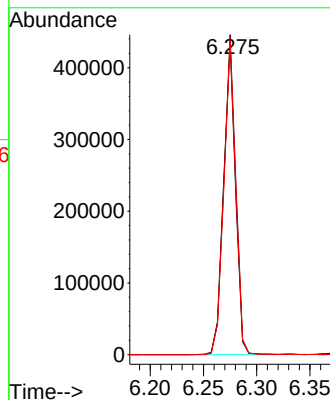
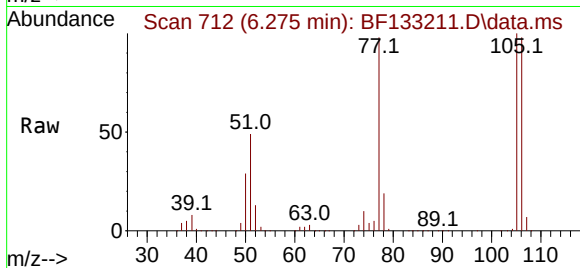




#9
Benzaldehyde
Concen: 58.149 ng
RT: 6.275 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

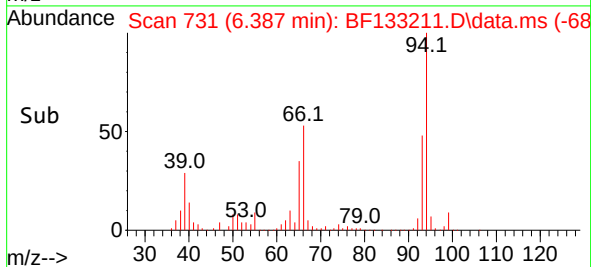
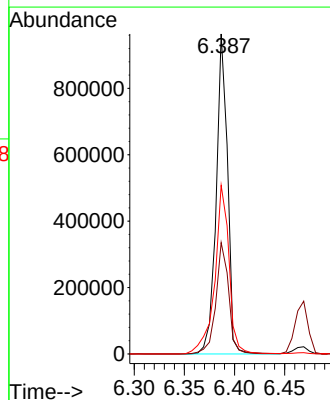
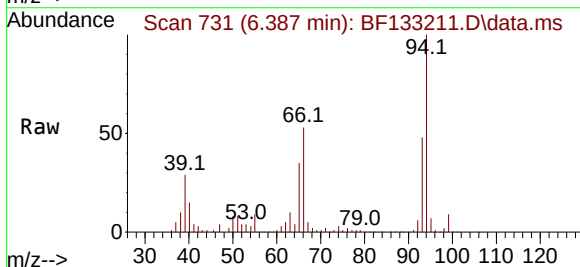
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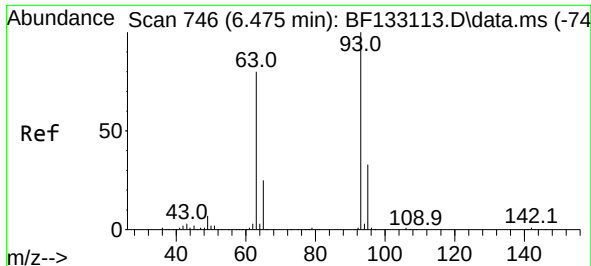
Tgt Ion: 77 Resp: 336802
Ion Ratio Lower Upper
77 100
105 102.4 82.3 122.3
106 100.1 80.8 120.8



#10
Phenol
Concen: 47.143 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion: 94 Resp: 760049
Ion Ratio Lower Upper
94 100
65 34.8 8.6 48.6
66 52.7 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 48.866 ng

RT: 6.469 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

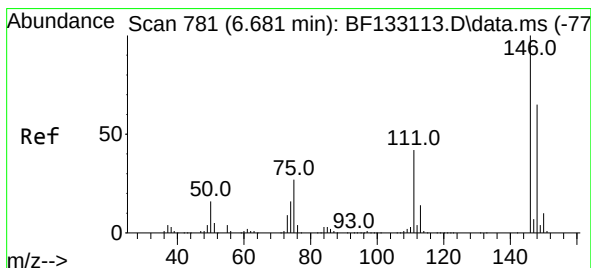
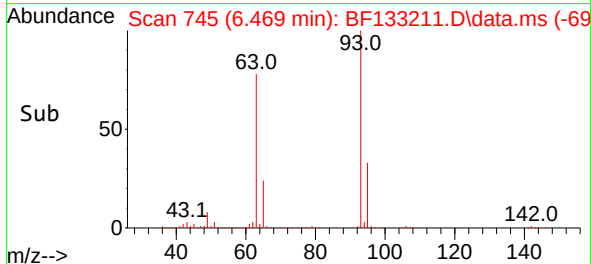
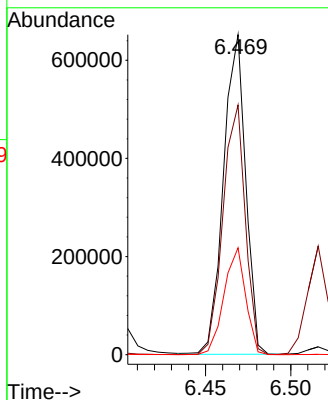
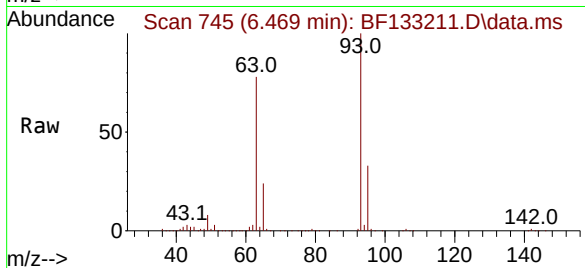
Tgt Ion: 93 Resp: 591185

Ion Ratio Lower Upper

93 100

63 78.0 60.6 100.6

95 33.4 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 50.689 ng

RT: 6.675 min Scan# 780

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

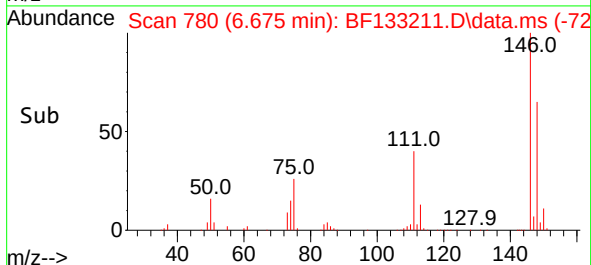
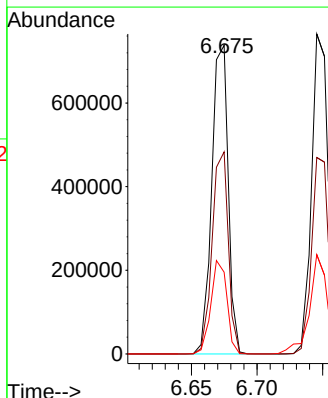
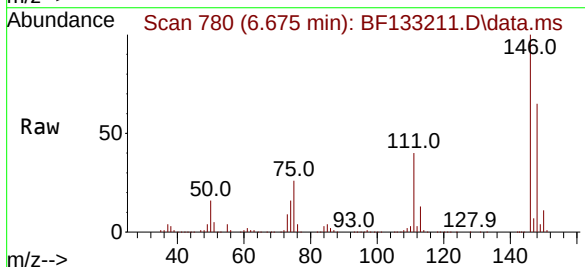
Tgt Ion:146 Resp: 644250

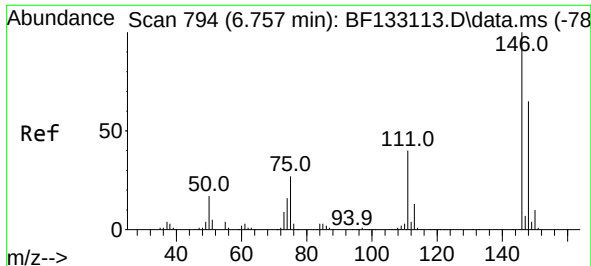
Ion Ratio Lower Upper

146 100

148 65.5 51.0 76.4

75 26.5 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 51.594 ng

RT: 6.745 min Scan# 794

Delta R.T. -0.006 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

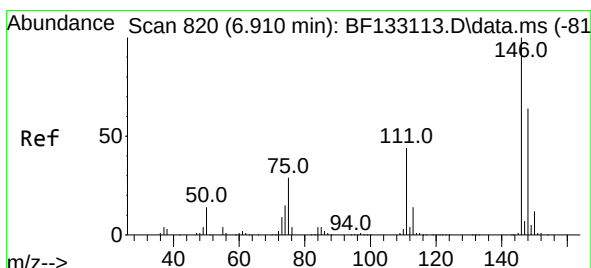
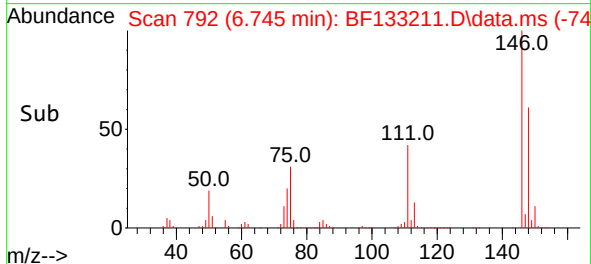
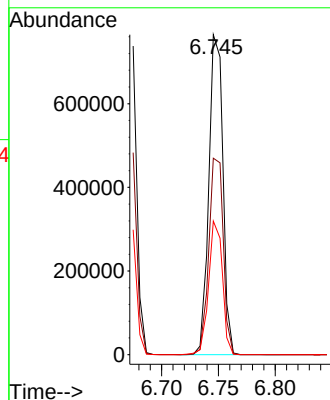
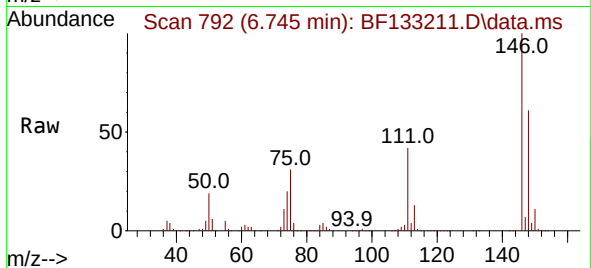
Tgt Ion:146 Resp: 657209

Ion Ratio Lower Upper

146 100

148 61.4 50.3 75.5

111 41.8 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 53.277 ng

RT: 6.898 min Scan# 818

Delta R.T. -0.006 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

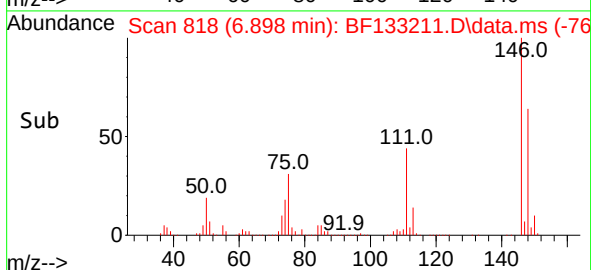
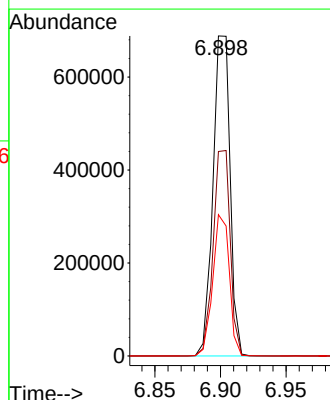
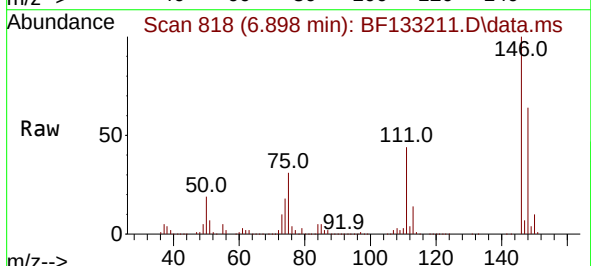
Tgt Ion:146 Resp: 625669

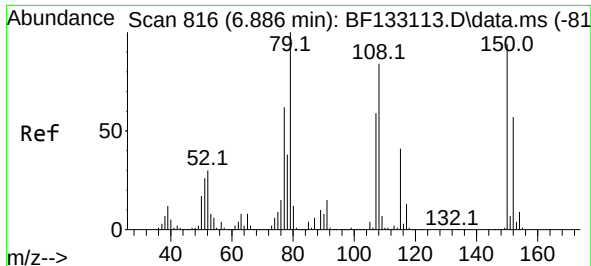
Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.2

111 44.2 32.8 49.2

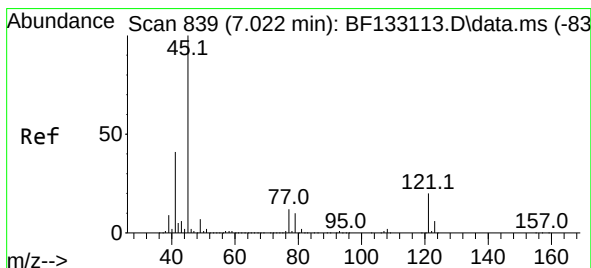
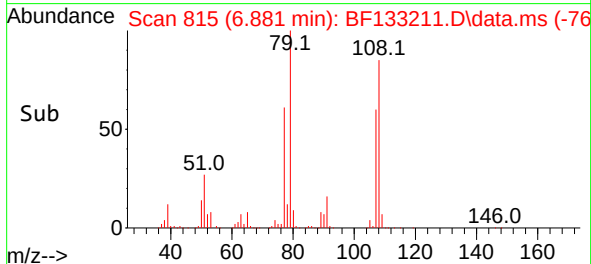
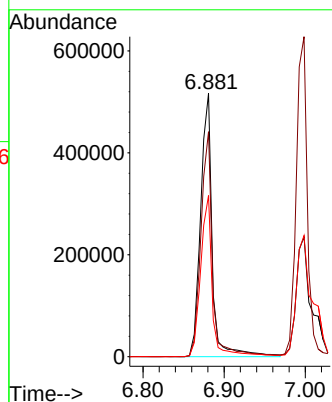
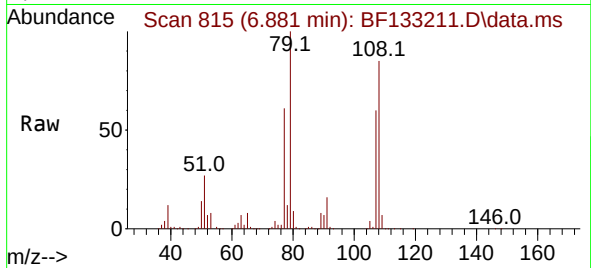




#15
Benzyl Alcohol
Concen: 51.297 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

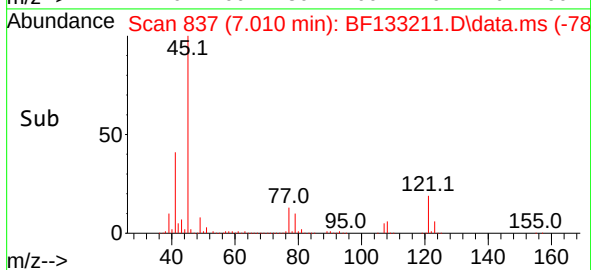
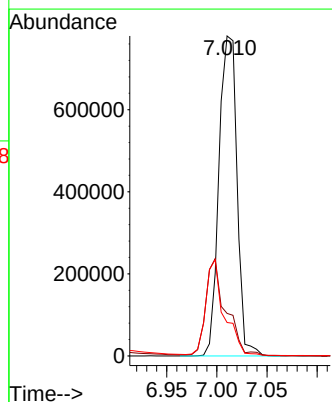
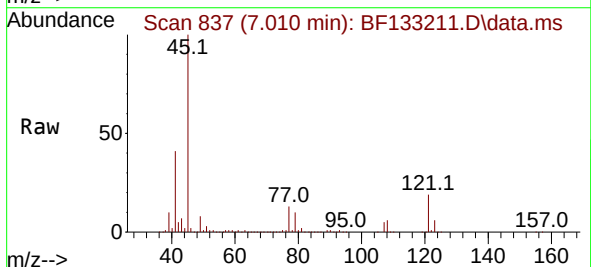
Instrument :
BNA_F
ClientSampleId :
CF-24MSD

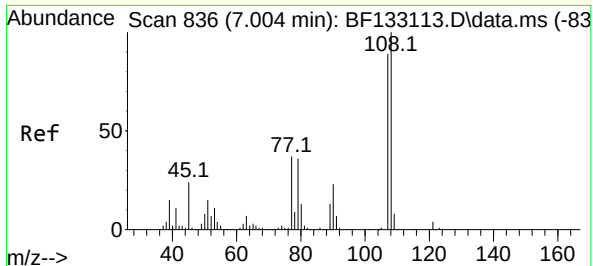
Tgt Ion: 79 Resp: 517842
Ion Ratio Lower Upper
79 100
108 85.4 66.6 99.8
77 61.2 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.378 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion: 45 Resp: 974536
Ion Ratio Lower Upper
45 100
77 13.3 0.0 31.5
79 10.5 0.0 28.7

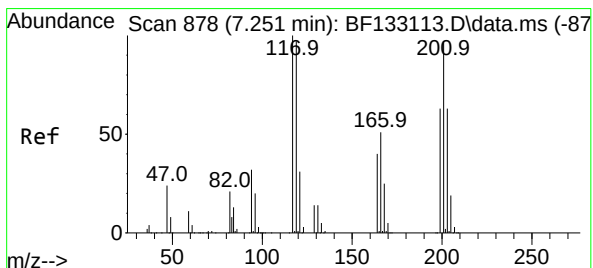
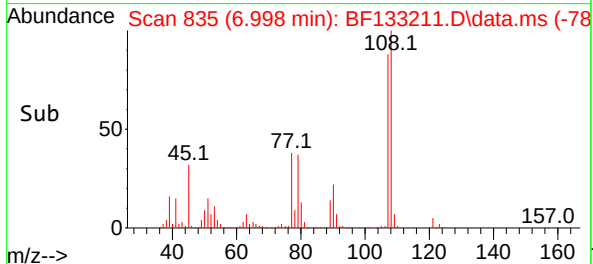
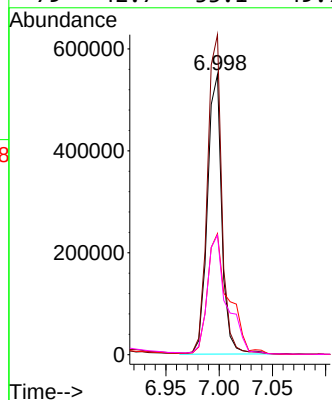
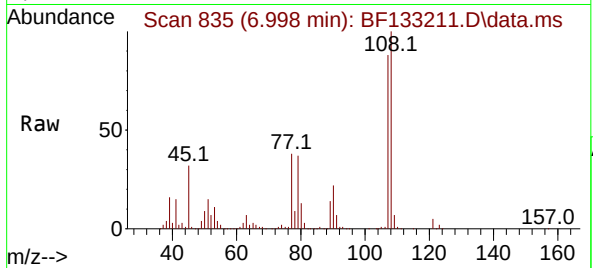




#17
2-Methylphenol
Concen: 47.236 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

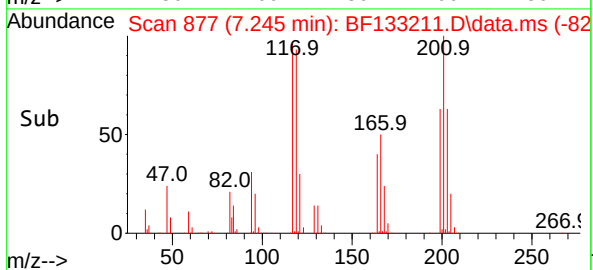
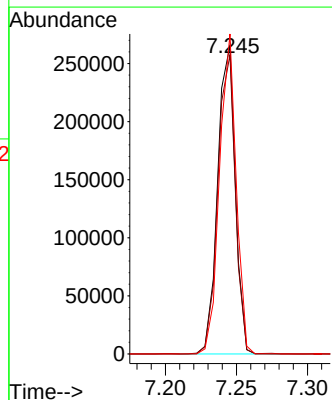
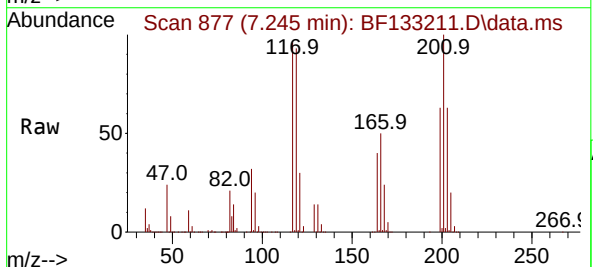
Instrument :
BNA_F
ClientSampleId :
CF-24MSD

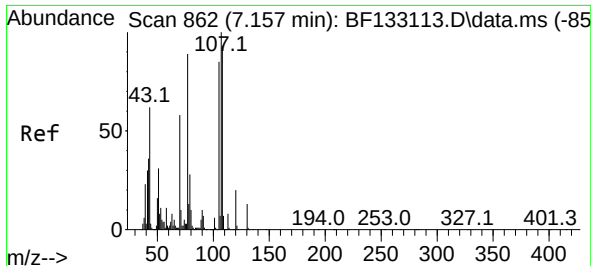
Tgt Ion:107 Resp: 517068
Ion Ratio Lower Upper
107 100
108 114.2 92.4 138.6
77 43.2 33.8 50.8
79 42.7 33.1 49.7



#18
Hexachloroethane
Concen: 51.666 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion:117 Resp: 228809
Ion Ratio Lower Upper
117 100
119 96.9 78.2 117.4
201 103.7 81.7 122.5

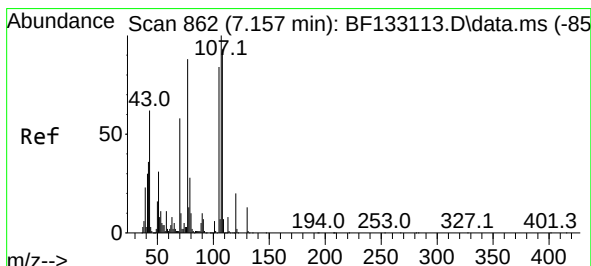
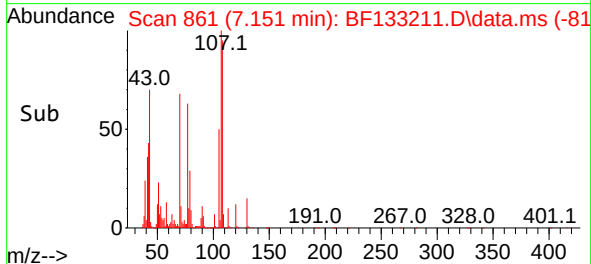
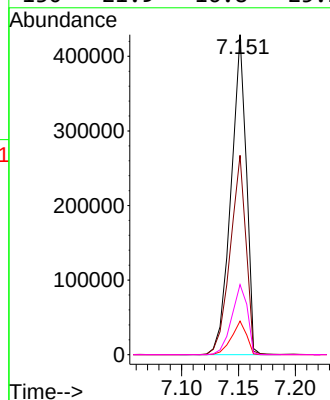
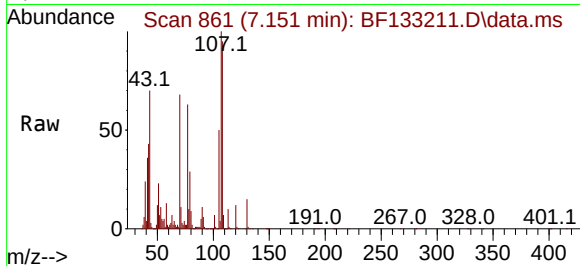




#19
n-Nitroso-di-n-propylamine
Concen: 43.900 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

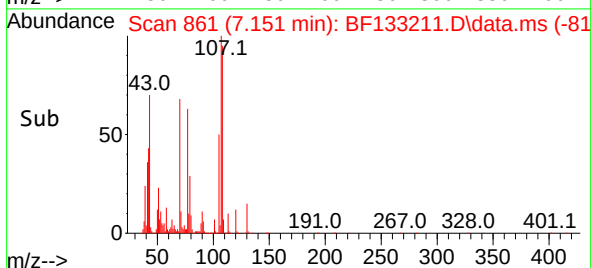
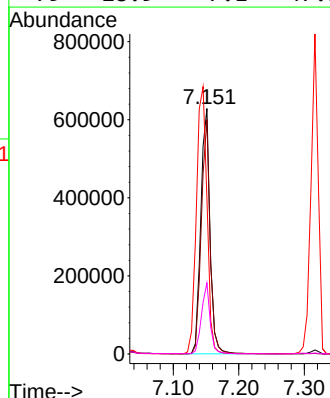
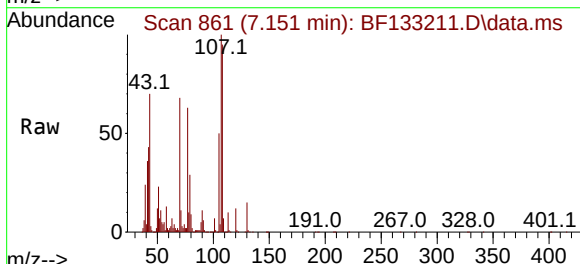
Instrument :
BNA_F
ClientSampleId :
CF-24MSD

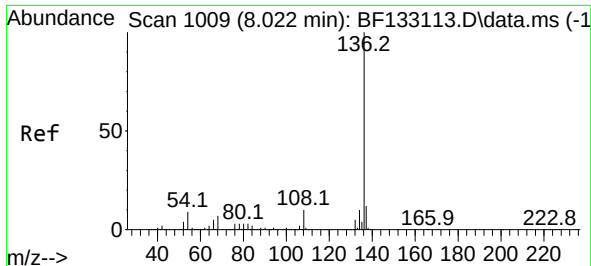
Tgt Ion: 70 Resp: 399403
Ion Ratio Lower Upper
70 100
42 62.3 51.8 77.6
101 10.5 8.0 12.0
130 21.9 16.8 25.2



#20
3+4-Methylphenols
Concen: 47.834 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion: 107 Resp: 616650
Ion Ratio Lower Upper
107 100
108 95.5 70.5 110.5
77 63.4 91.7 131.7#
79 28.9 7.1 47.1



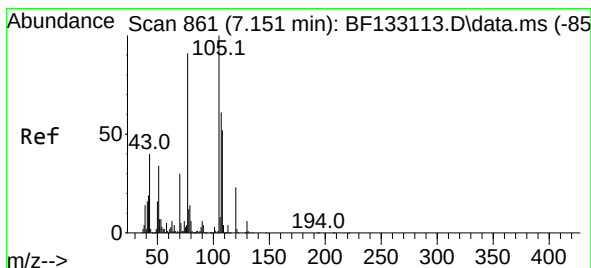
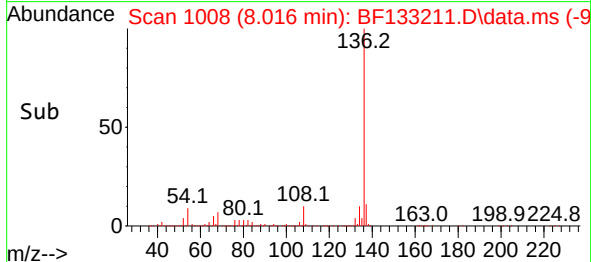
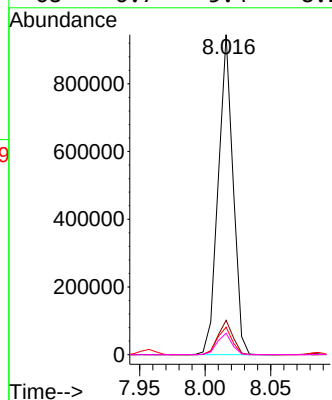
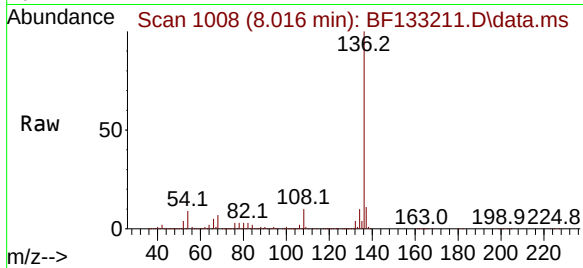


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Instrument :
BNA_F
ClientSampleId :
CF-24MSD

Tgt Ion:136 Resp: 740021

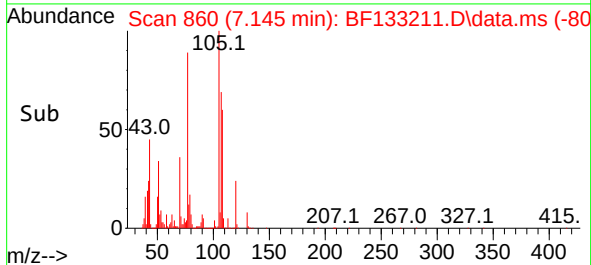
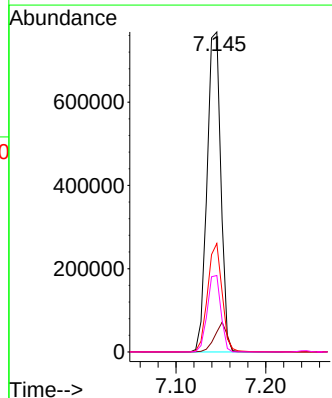
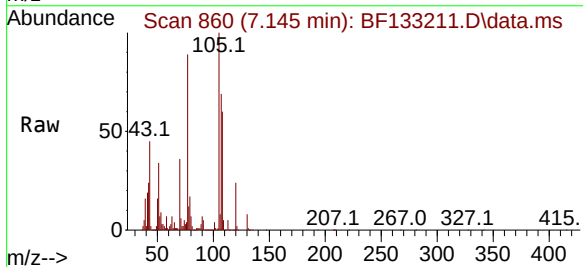
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.6	7.0	10.4
68	6.7	5.4	8.2

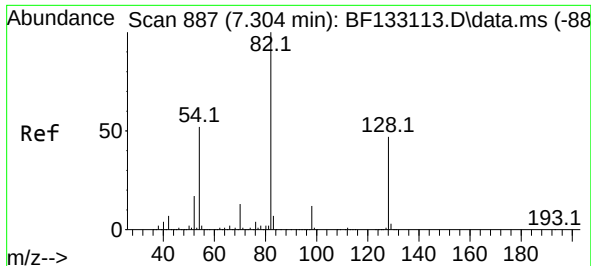


#22
Acetophenone
Concen: 47.789 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion:105 Resp: 819216

Ion	Ratio	Lower	Upper
105	100		
71	6.3	4.6	7.0
51	33.9	28.2	42.2
120	23.9	18.4	27.6





#23

Nitrobenzene-d5

Concen: 59.833 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

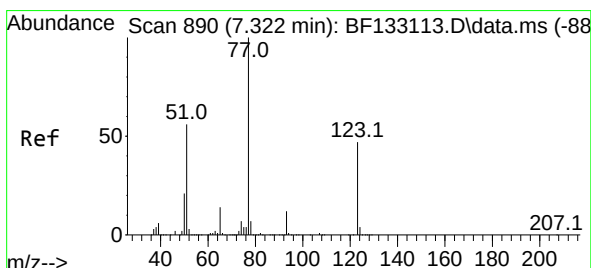
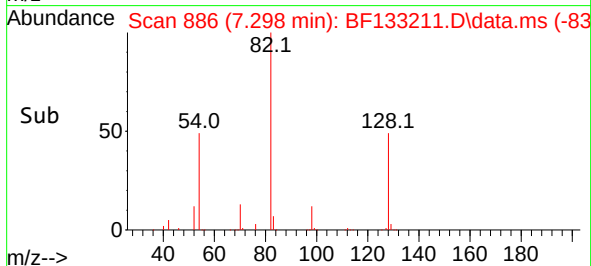
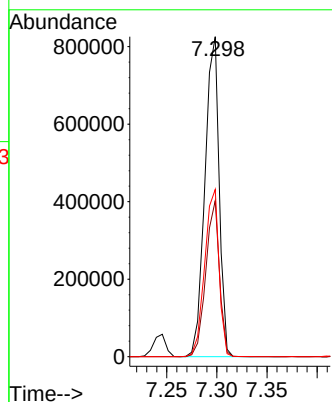
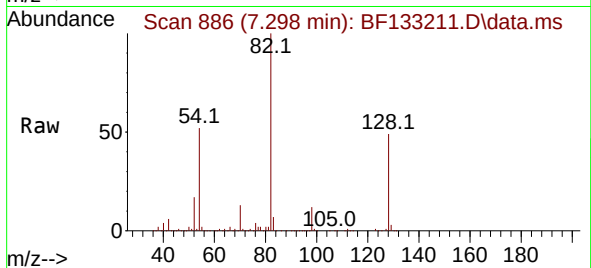
Tgt Ion: 82 Resp: 820312

Ion Ratio Lower Upper

82 100

128 48.8 37.7 56.5

54 52.3 43.0 64.4



#24

Nitrobenzene

Concen: 45.534 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

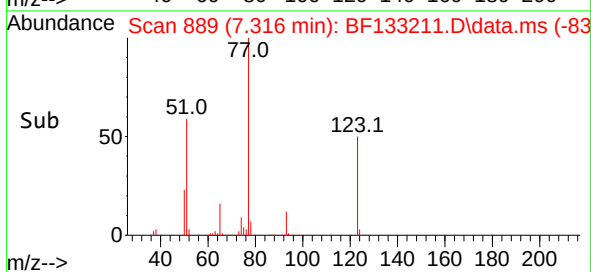
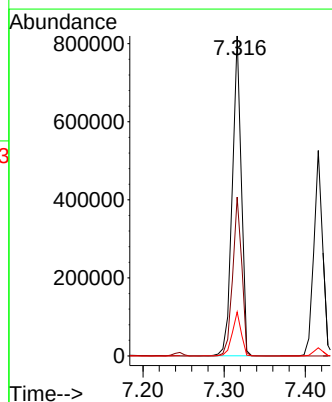
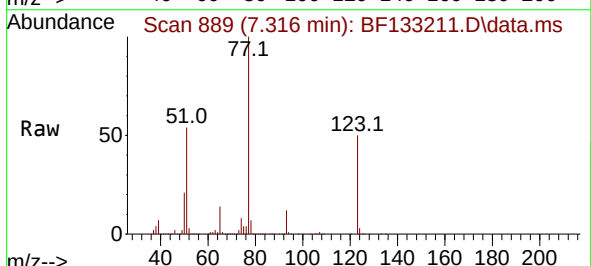
Tgt Ion: 77 Resp: 632583

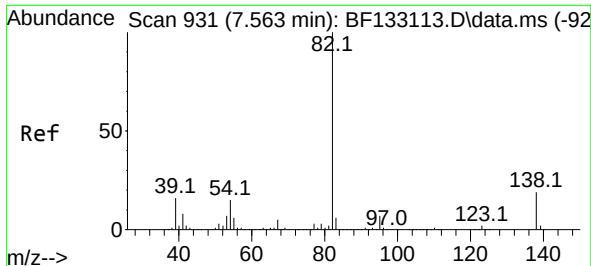
Ion Ratio Lower Upper

77 100

123 49.6 39.9 59.9

65 13.8 10.7 16.1

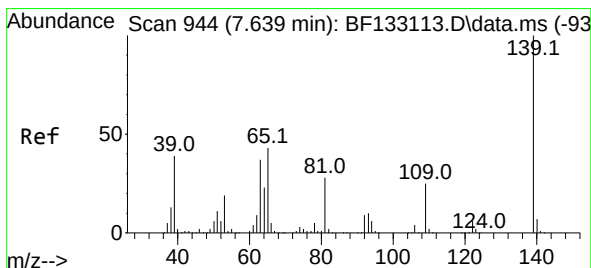
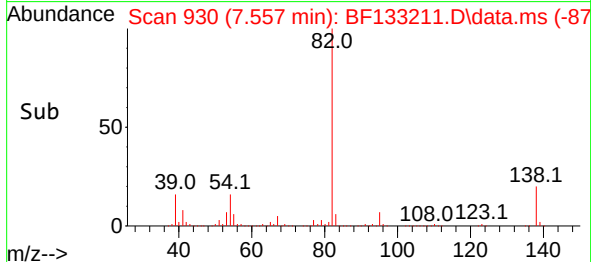
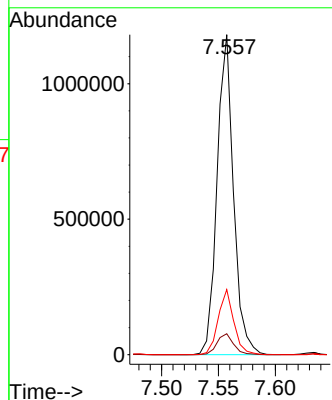
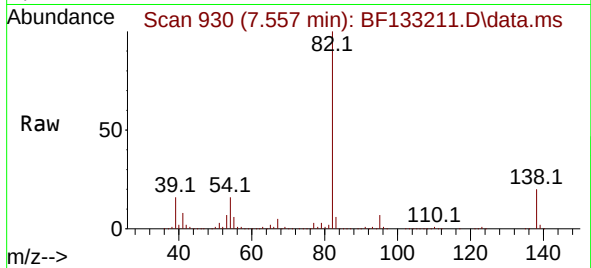




#25
Isophorone
Concen: 45.600 ng
RT: 7.557 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

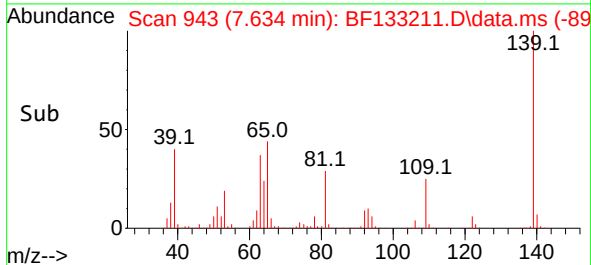
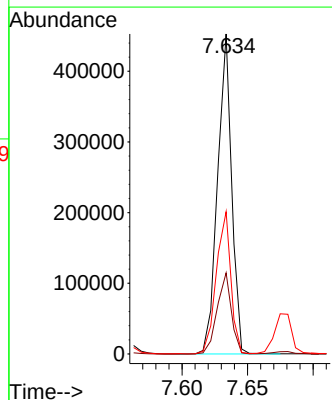
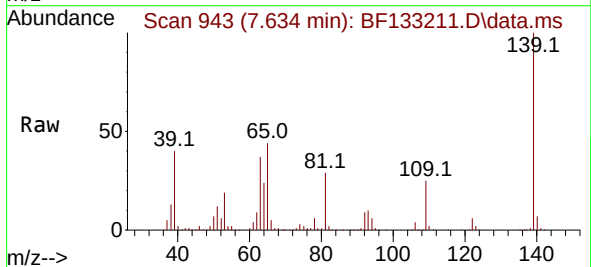
Instrument :
BNA_F
ClientSampleId :
CF-24MSD

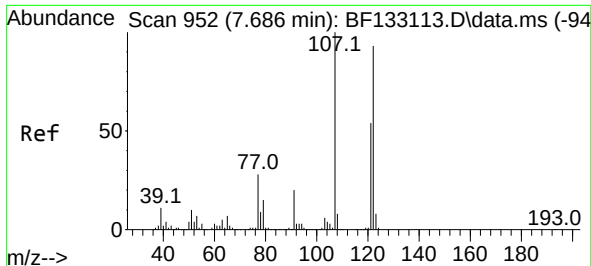
Tgt Ion: 82 Resp: 1186997
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 20.3 16.0 24.0



#26
2-Nitrophenol
Concen: 50.487 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion: 139 Resp: 338306
Ion Ratio Lower Upper
139 100
109 25.3 21.6 32.4
65 44.4 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 49.585 ng

RT: 7.681 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF133211.D

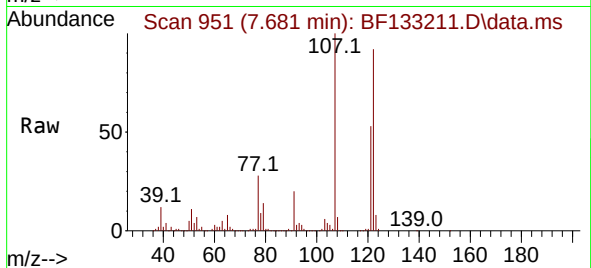
Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD



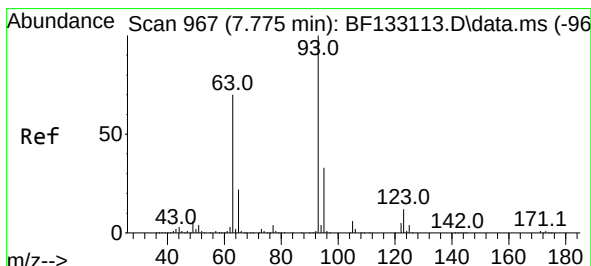
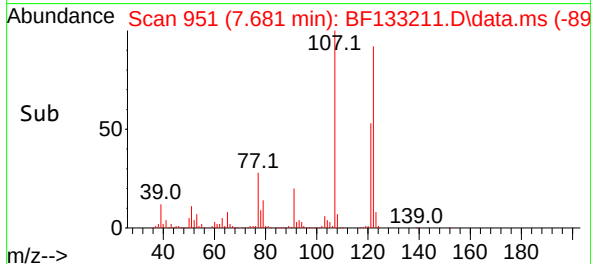
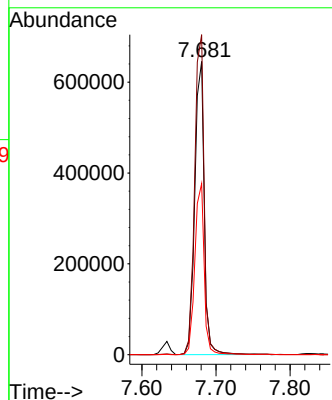
Tgt Ion:122 Resp: 569734

Ion Ratio Lower Upper

122 100

107 109.2 89.7 134.5

121 58.3 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.549 ng

RT: 7.769 min Scan# 966

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

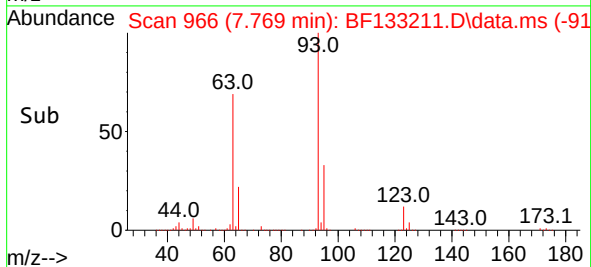
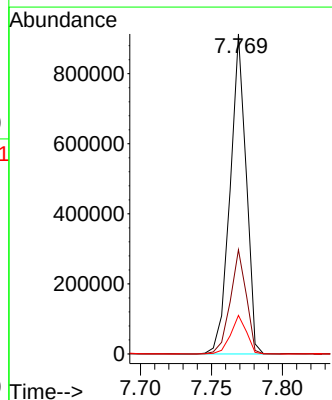
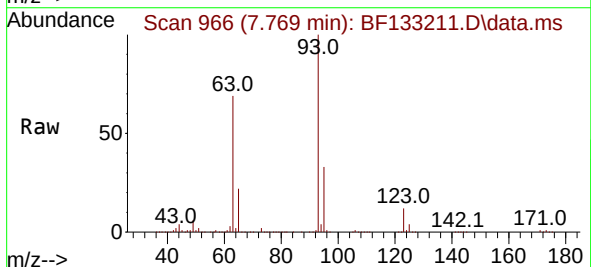
Tgt Ion: 93 Resp: 716822

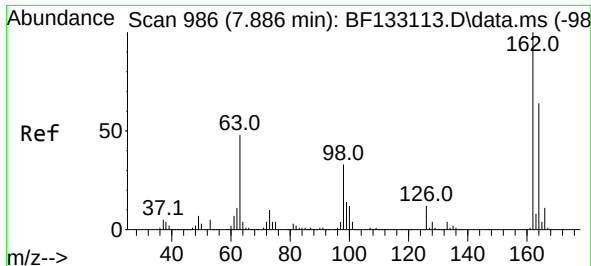
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 12.1 10.3 15.5

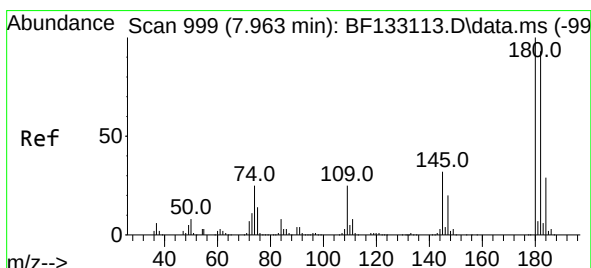
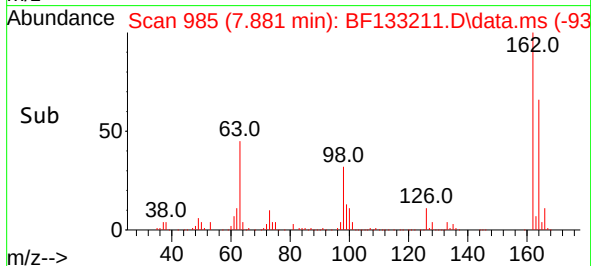
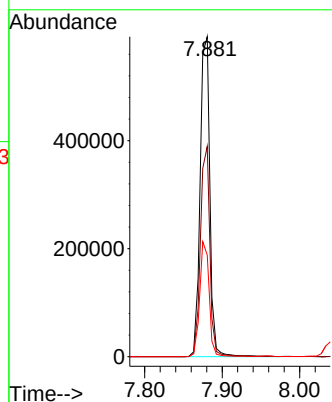
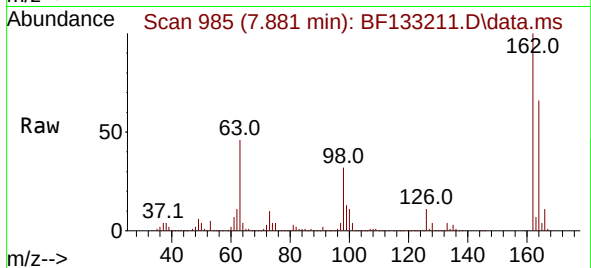




#29
2,4-Dichlorophenol
Concen: 49.338 ng
RT: 7.881 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

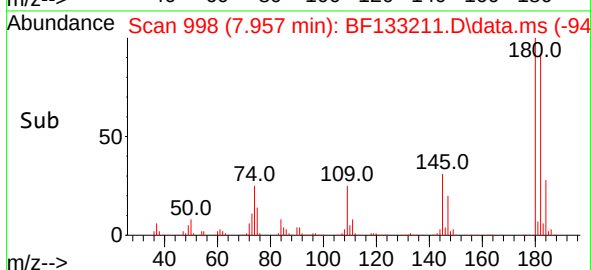
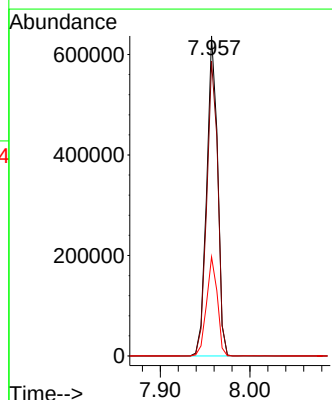
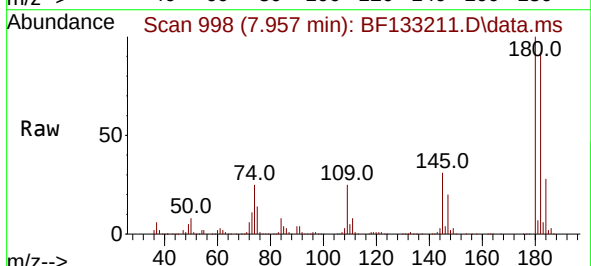
Instrument :
BNA_F
ClientSampleId :
CF-24MSD

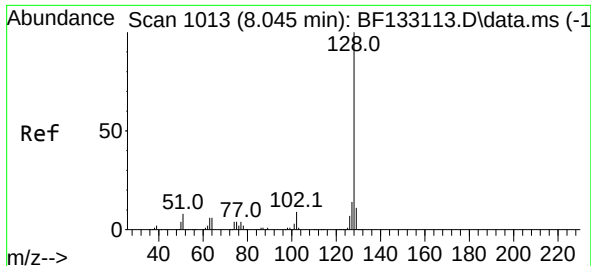
Tgt Ion:162 Resp: 516076
Ion Ratio Lower Upper
162 100
164 65.7 43.9 83.9
98 31.8 17.0 57.0



#30
1,2,4-Trichlorobenzene
Concen: 49.657 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion:180 Resp: 538109
Ion Ratio Lower Upper
180 100
182 92.1 75.9 113.9
145 31.0 25.3 37.9

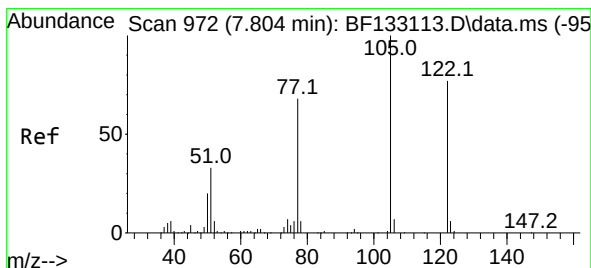
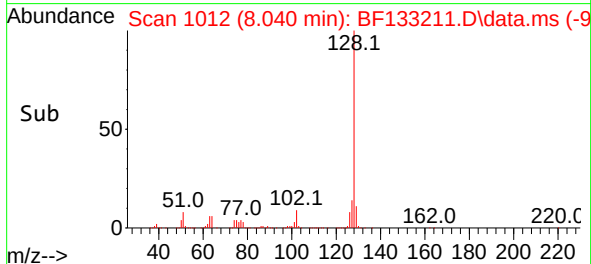
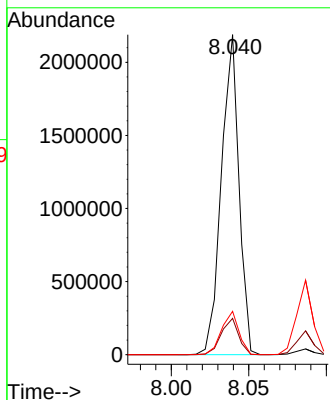
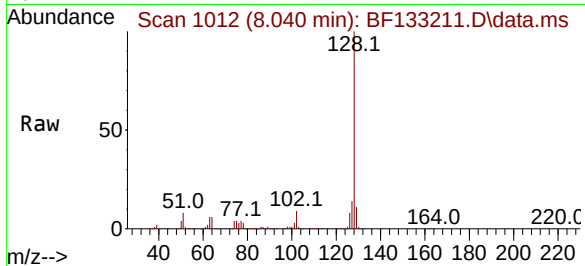




#31
Naphthalene
Concen: 46.649 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

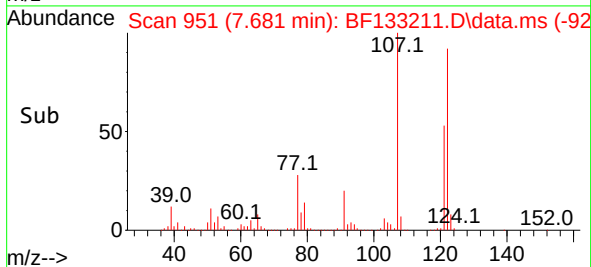
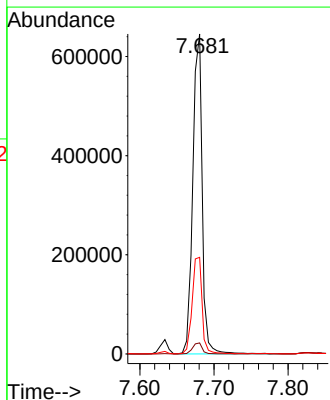
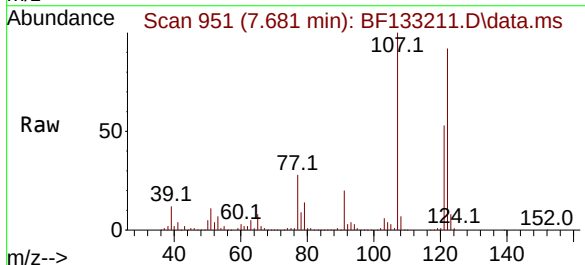
Instrument :
BNA_F
ClientSampleId :
CF-24MSD

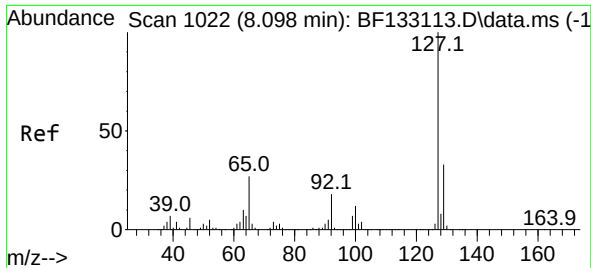
Tgt Ion:128 Resp: 1725966
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 80.274 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.118 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion:122 Resp: 569734
Ion Ratio Lower Upper
122 100
105 3.5 104.2 144.2#
77 30.2 69.7 109.7#

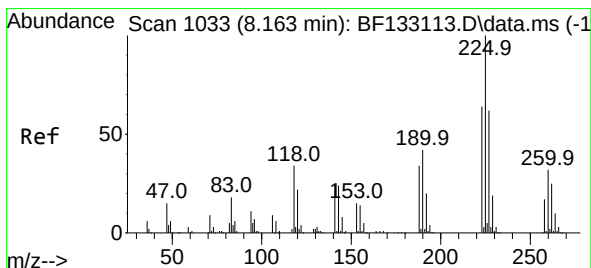
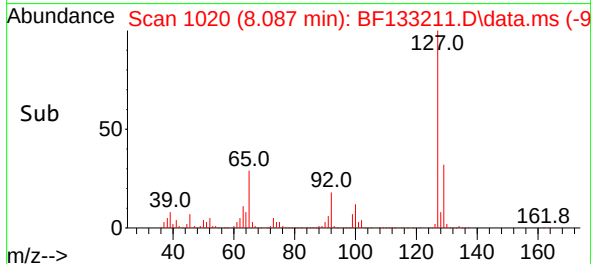
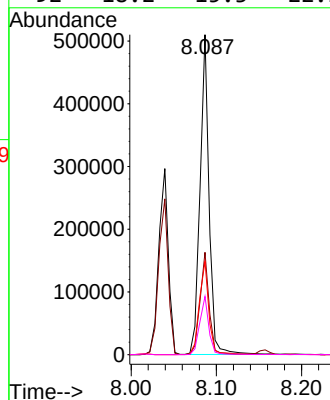
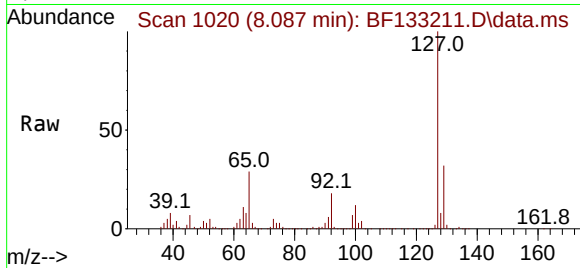




#33
4-Chloroaniline
Concen: 25.299 ng
RT: 8.087 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

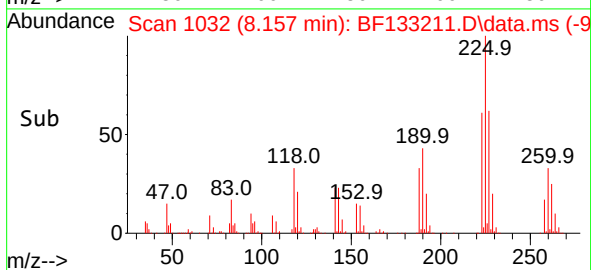
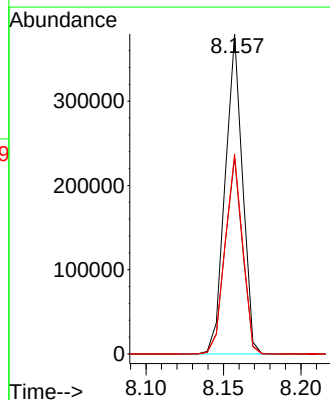
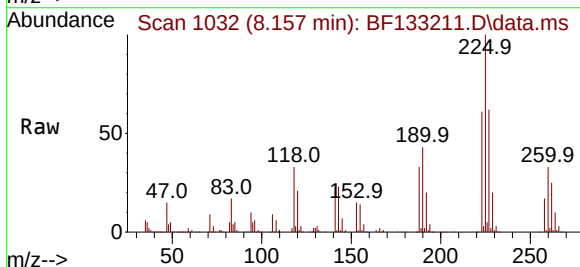
Instrument :
BNA_F
ClientSampleId :
CF-24MSD

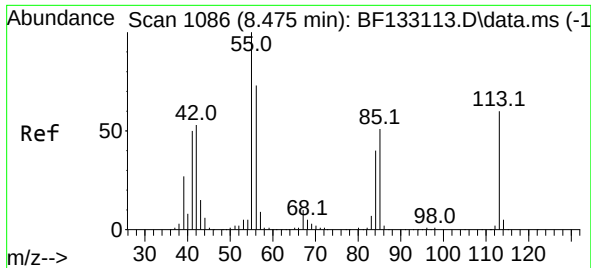
Tgt Ion:	127	Resp:	378188
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8
65	29.1	23.6	35.4
92	18.2	15.3	22.9



#34
Hexachlorobutadiene
Concen: 48.962 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion:	225	Resp:	294068
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.9	76.3
227	62.5	50.3	75.5

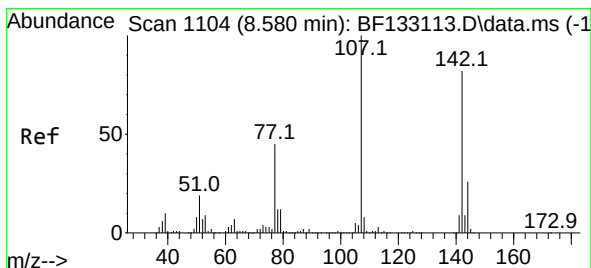
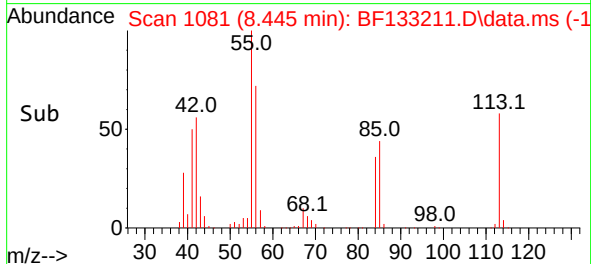
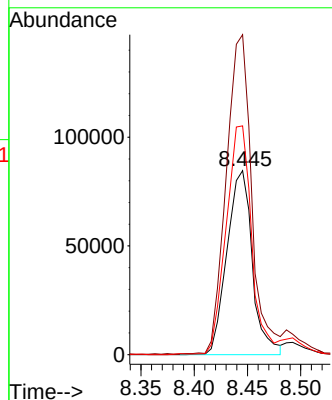
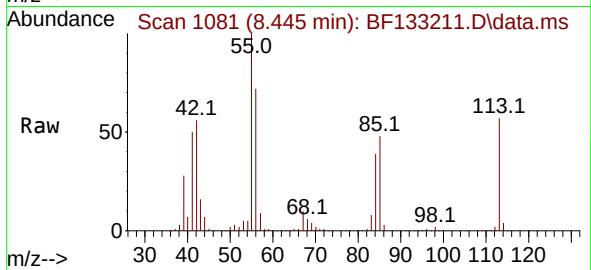




#35
 Caprolactam
 Concen: 39.913 ng
 RT: 8.445 min Scan# 1081
 Delta R.T. -0.018 min
 Lab File: BF133211.D
 Acq: 03 May 2023 17:14

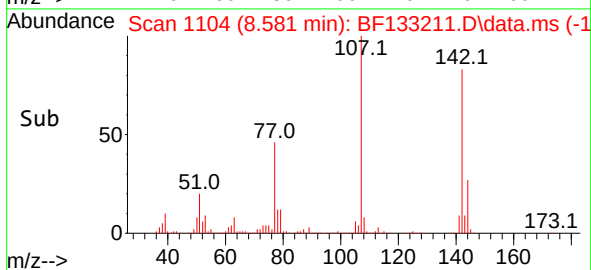
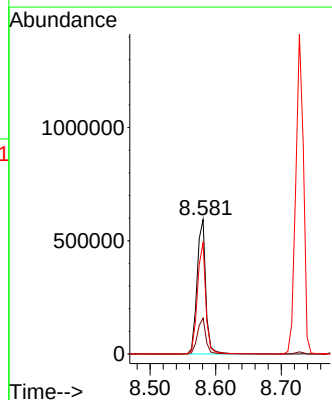
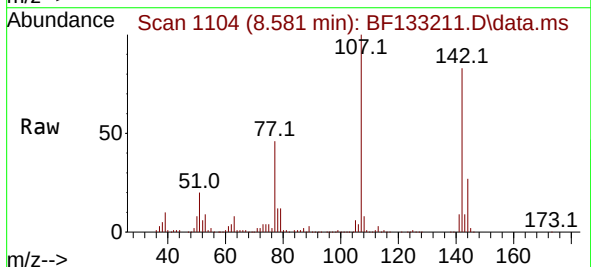
Instrument :
 BNA_F
 ClientSampleId :
 CF-24MSD

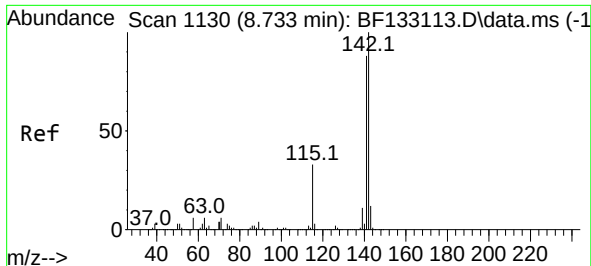
Tgt Ion:113 Resp: 140249
 Ion Ratio Lower Upper
 113 100
 55 174.0 167.1 207.1
 56 124.4 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 48.540 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. 0.006 min
 Lab File: BF133211.D
 Acq: 03 May 2023 17:14

Tgt Ion:107 Resp: 547520
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.6 30.8
 142 82.7 62.8 94.2





#37

2-Methylnaphthalene

Concen: 45.828 ng

RT: 8.728 min Scan# 1129

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

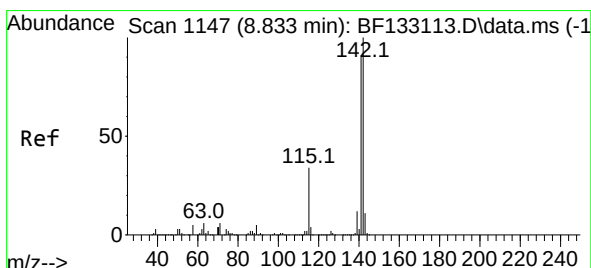
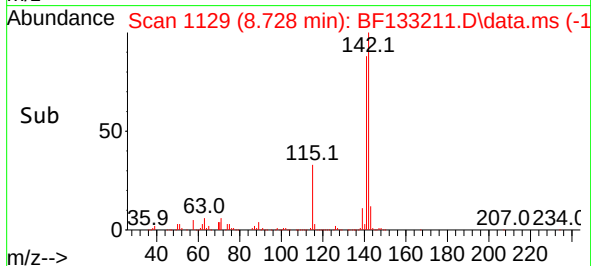
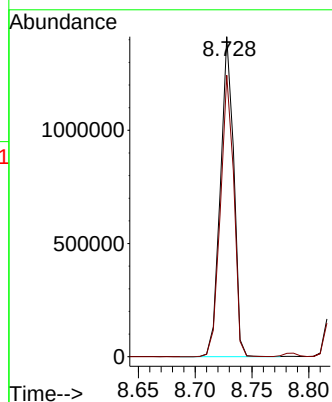
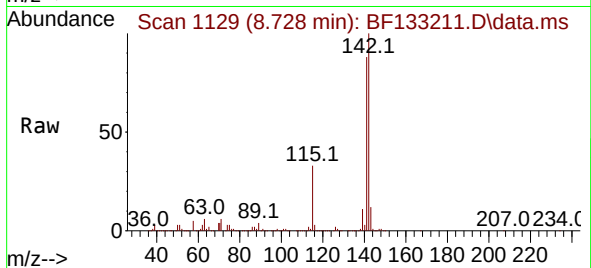
CF-24MSD

Tgt Ion:142 Resp: 1159229

Ion Ratio Lower Upper

142 100

141 87.9 69.4 104.0



#38

1-Methylnaphthalene

Concen: 45.843 ng

RT: 8.828 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF133211.D

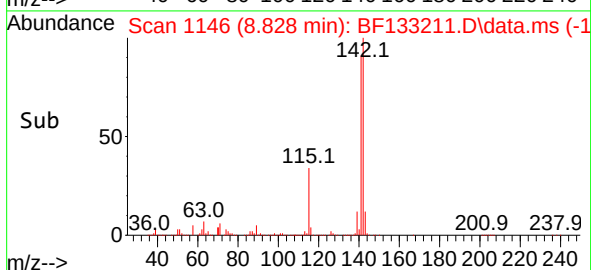
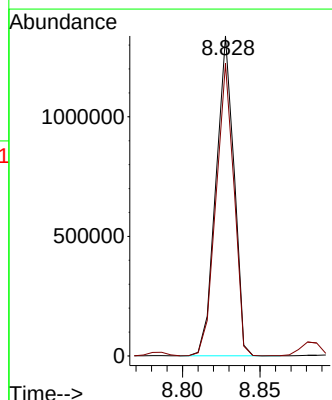
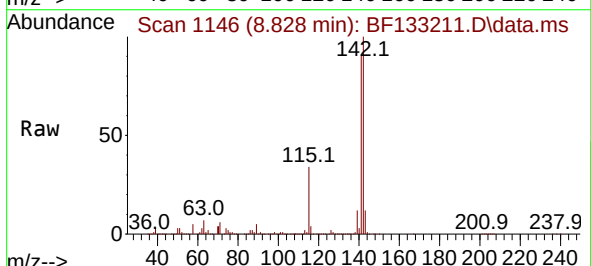
Acq: 03 May 2023 17:14

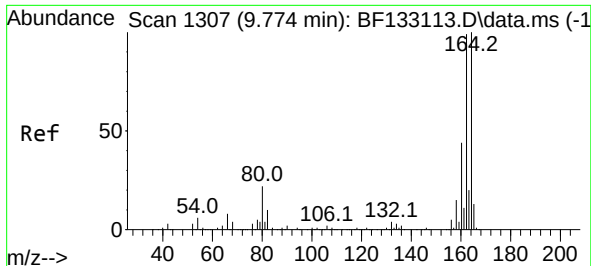
Tgt Ion:142 Resp: 1084783

Ion Ratio Lower Upper

142 100

141 91.4 73.1 109.7

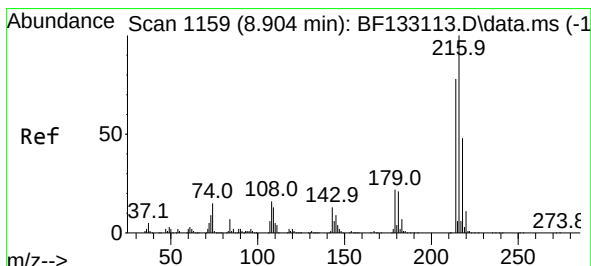
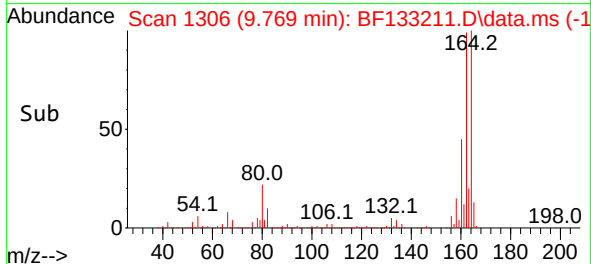
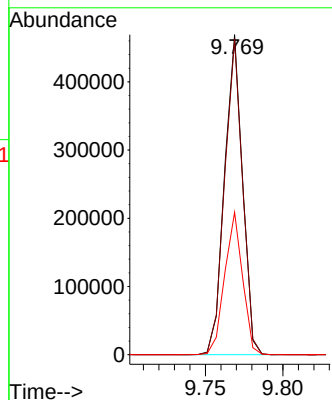
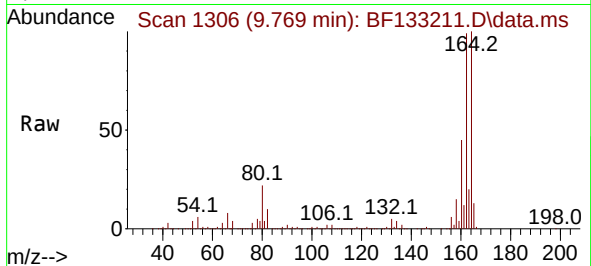




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

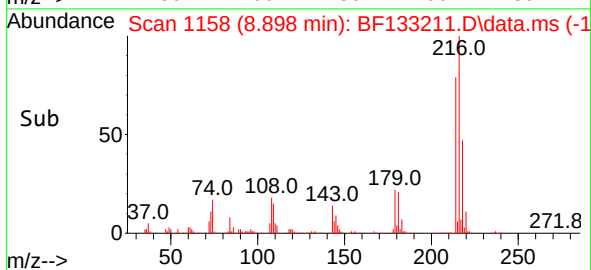
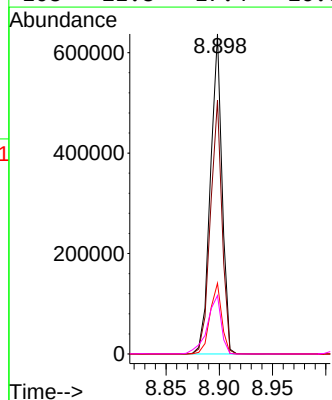
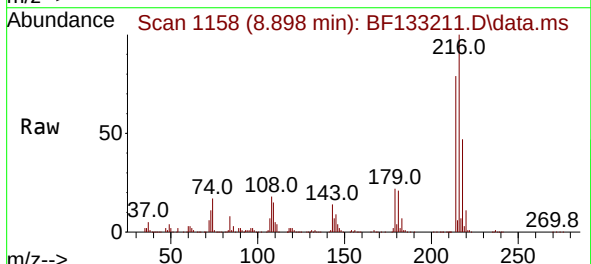
Instrument :
BNA_F
ClientSampleId :
CF-24MSD

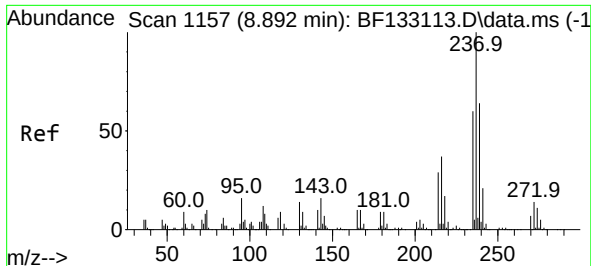
Tgt Ion:164 Resp: 377177
Ion Ratio Lower Upper
164 100
162 98.7 78.7 118.1
160 44.5 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.087 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion:216 Resp: 487660
Ion Ratio Lower Upper
216 100
214 78.7 63.5 95.3
179 22.0 17.4 26.2
108 21.8 17.4 26.0

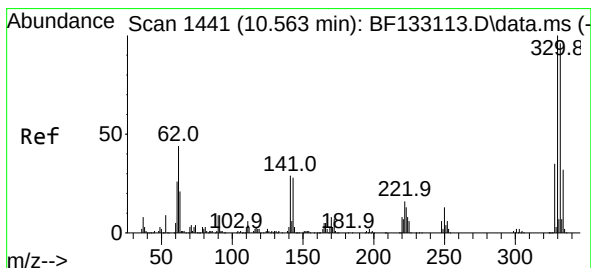
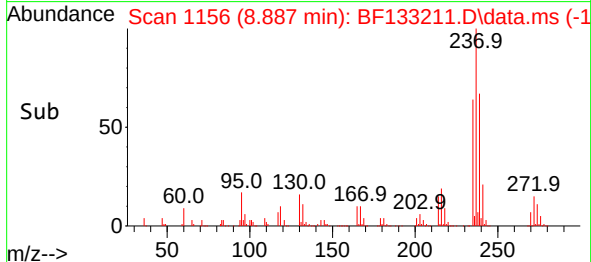
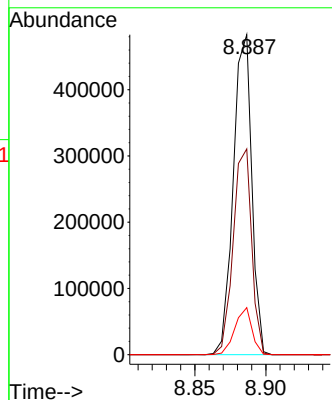
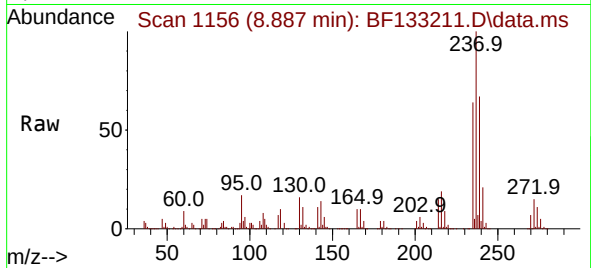




#41
Hexachlorocyclopentadiene
Concen: 73.923 ng
RT: 8.887 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

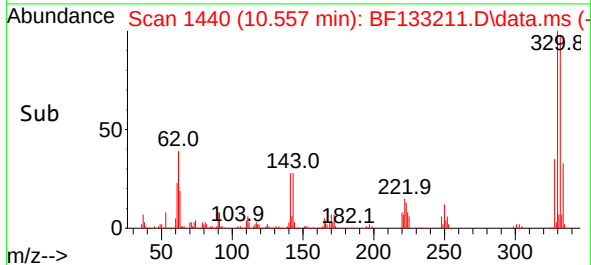
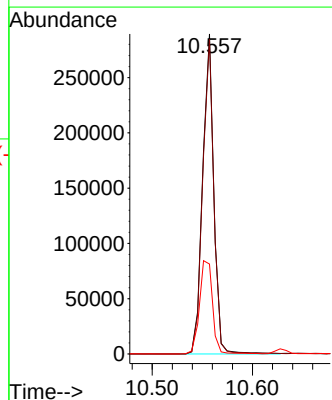
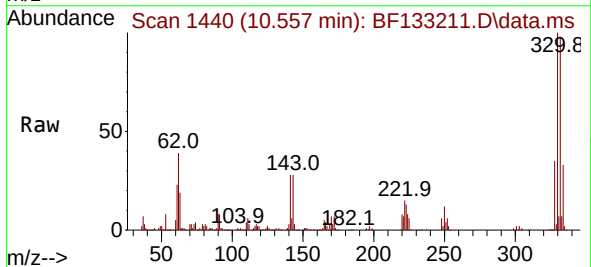
Instrument :
BNA_F
ClientSampleId :
CF-24MSD

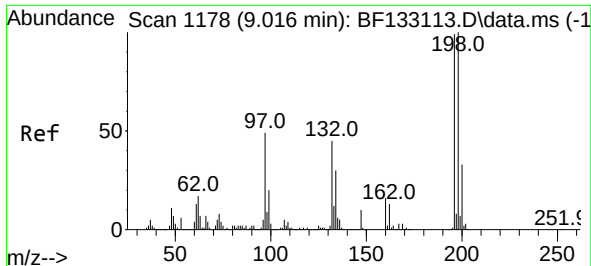
Tgt Ion:237 Resp: 437212
Ion Ratio Lower Upper
237 100
235 64.3 43.5 83.5
272 14.7 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 59.243 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion:330 Resp: 224722
Ion Ratio Lower Upper
330 100
332 97.7 77.1 115.7
141 34.2 25.8 38.8

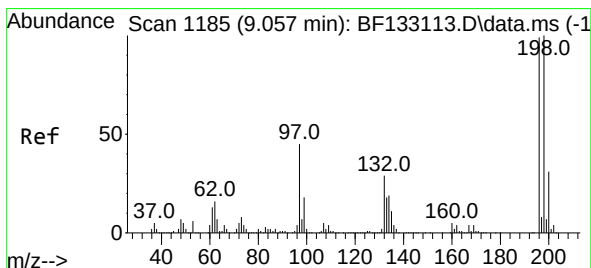
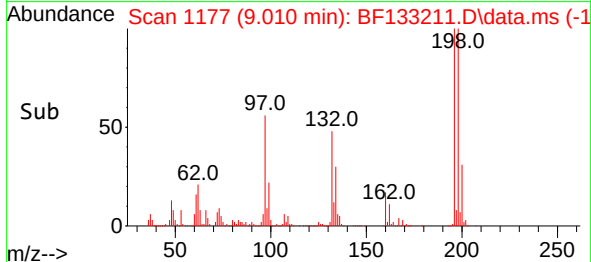
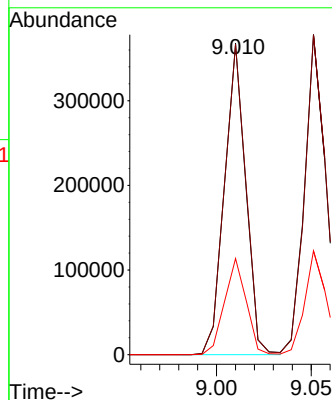
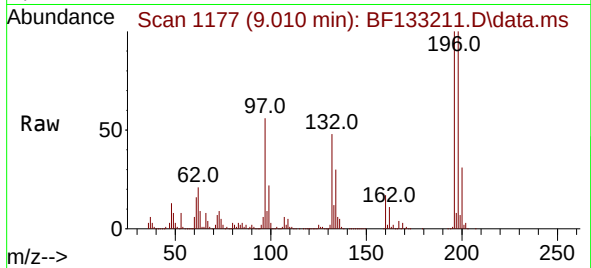




#43
2,4,6-Trichlorophenol
Concen: 40.933 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

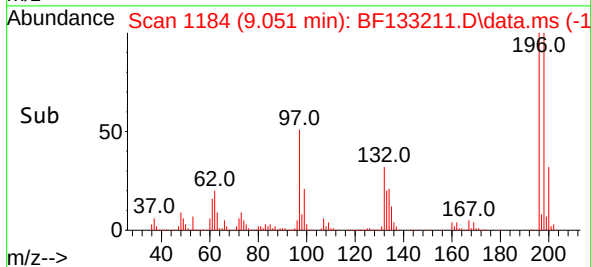
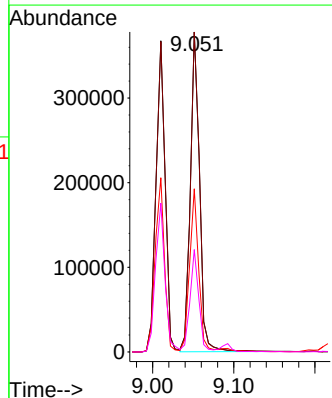
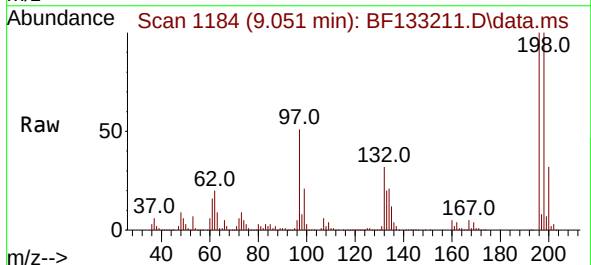
Instrument :
BNA_F
ClientSampleId :
CF-24MSD

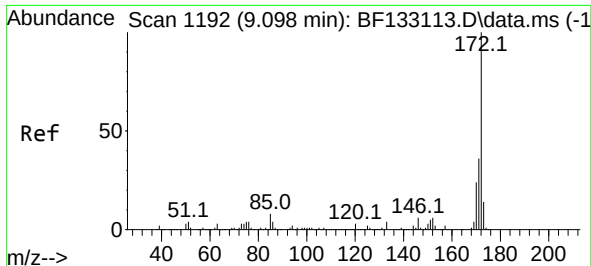
Tgt Ion:196 Resp: 287078
Ion Ratio Lower Upper
196 100
198 99.7 81.0 121.6
200 30.9 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 36.762 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion:196 Resp: 298181
Ion Ratio Lower Upper
196 100
198 100.0 80.9 121.3
97 51.0 41.3 61.9
132 32.0 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 64.044 ng

RT: 9.092 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

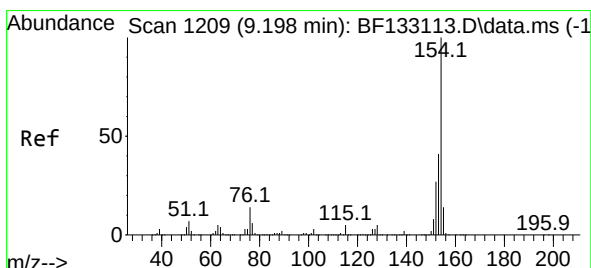
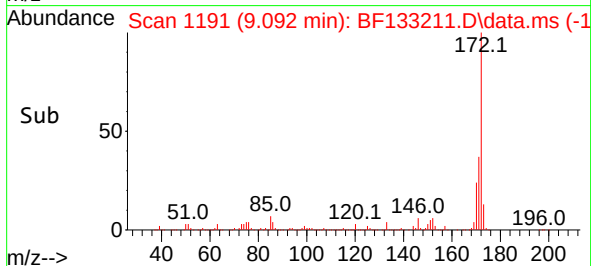
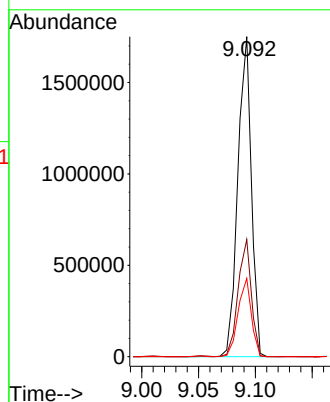
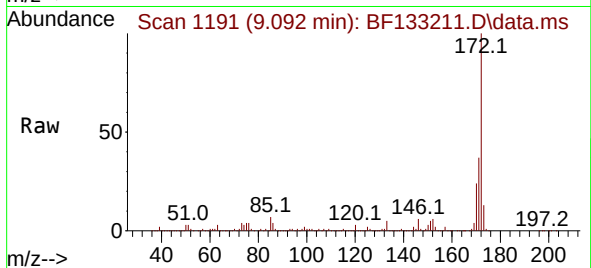
Tgt Ion:172 Resp: 1443874

Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 24.4 19.4 29.2



#46

1,1'-Biphenyl

Concen: 47.386 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

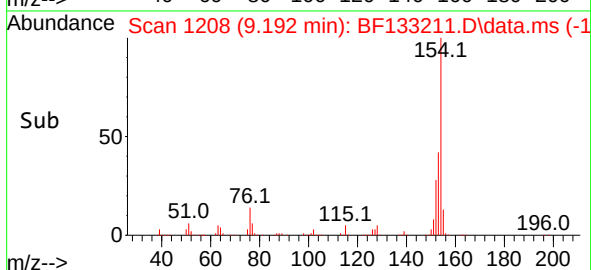
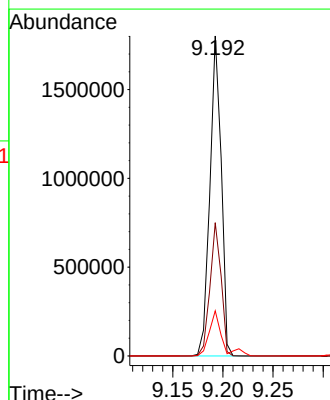
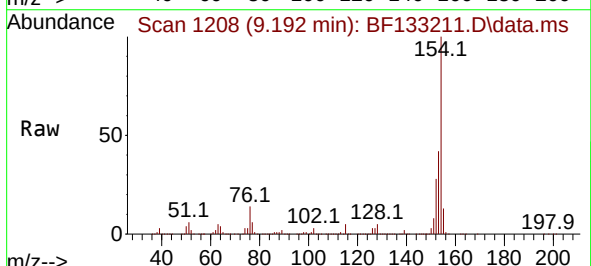
Tgt Ion:154 Resp: 1417230

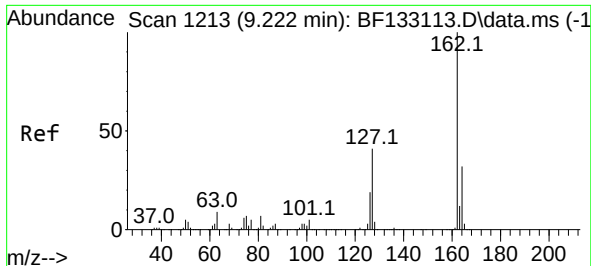
Ion Ratio Lower Upper

154 100

153 41.7 21.0 61.0

76 14.1 0.0 34.5





#47

2-Chloronaphthalene

Concen: 48.859 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

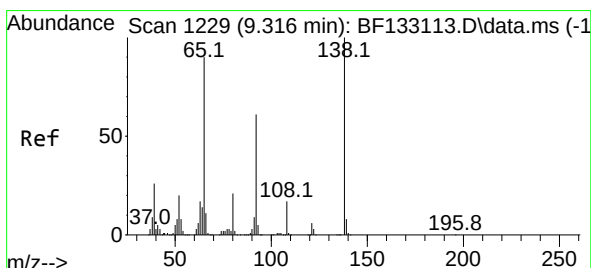
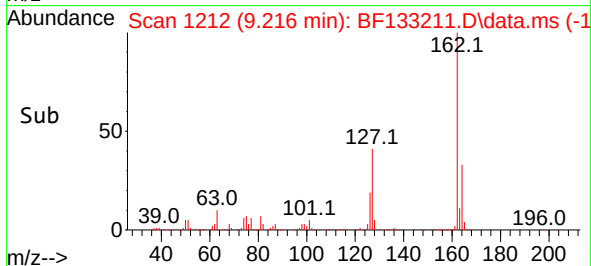
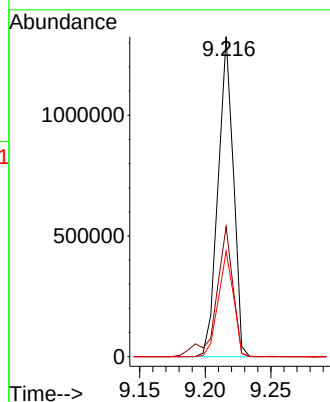
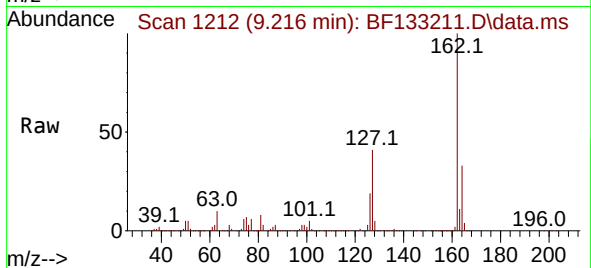
Tgt Ion:162 Resp: 1069576

Ion Ratio Lower Upper

162 100

127 40.6 32.3 48.5

164 32.9 26.8 40.2



#48

2-Nitroaniline

Concen: 48.882 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

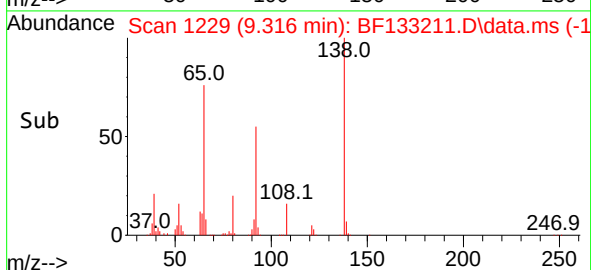
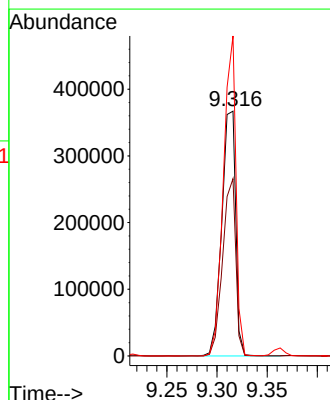
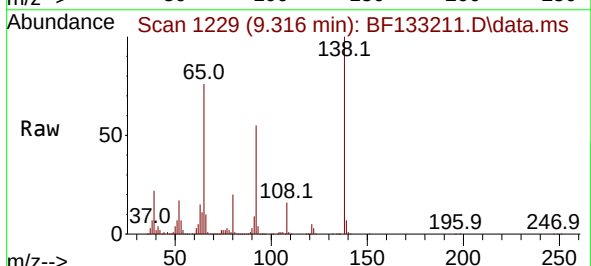
Tgt Ion: 65 Resp: 353652

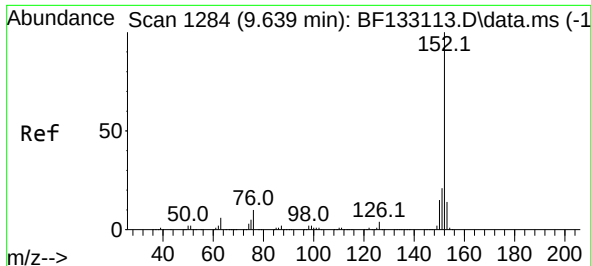
Ion Ratio Lower Upper

65 100

92 72.4 55.4 83.0

138 130.7 98.2 147.2





#49

Acenaphthylene

Concen: 47.292 ng

RT: 9.634 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

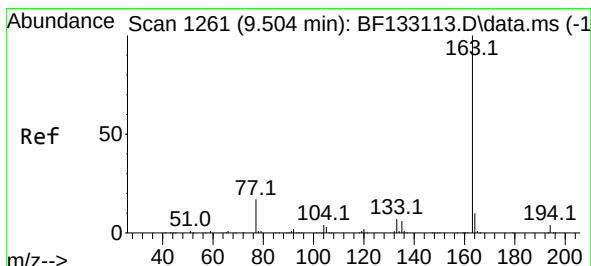
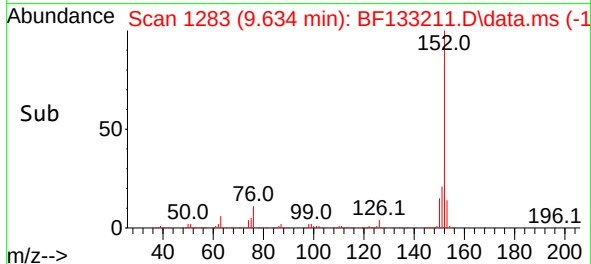
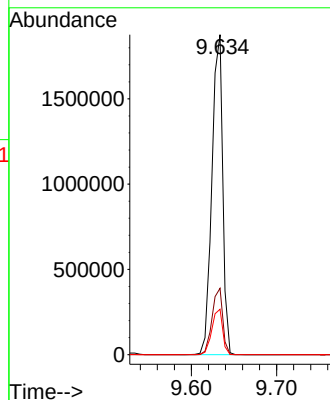
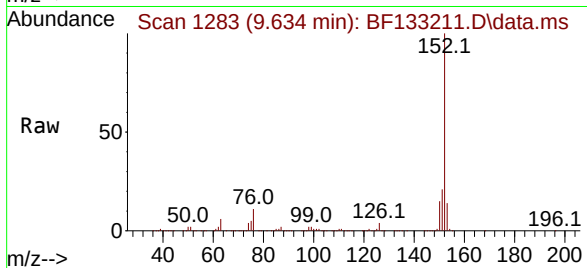
Tgt Ion:152 Resp: 1654188

Ion Ratio Lower Upper

152 100

151 20.8 16.6 24.8

153 14.2 11.5 17.3



#50

Dimethylphthalate

Concen: 48.362 ng

RT: 9.498 min Scan# 1260

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

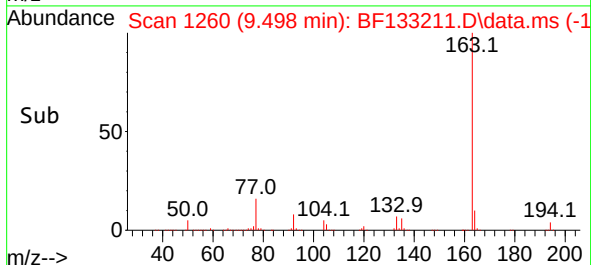
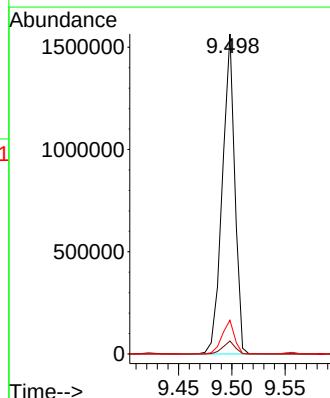
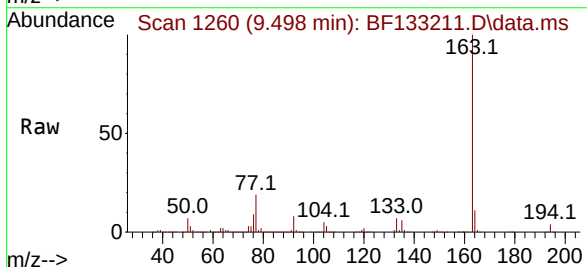
Tgt Ion:163 Resp: 1271914

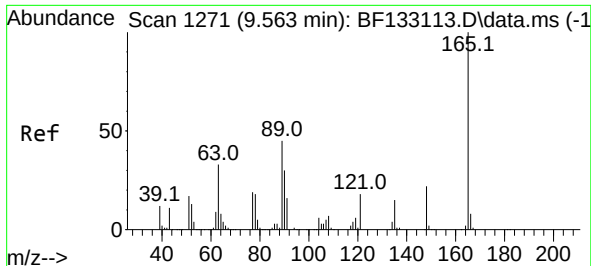
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.6 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 49.333 ng

RT: 9.557 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

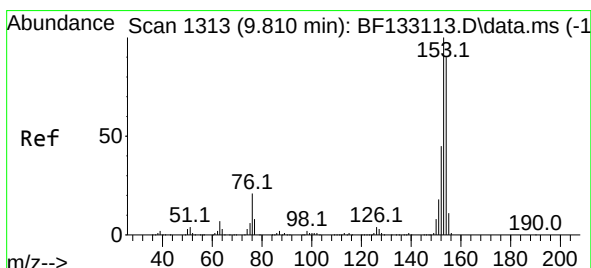
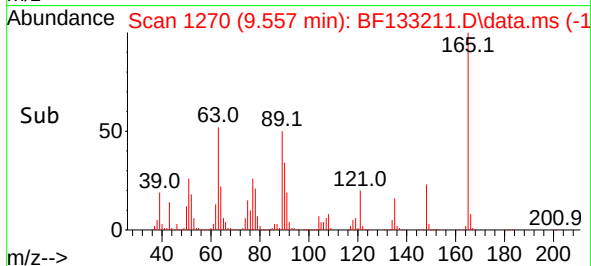
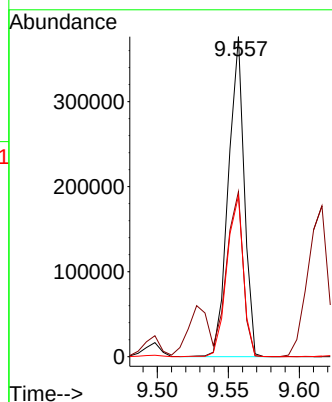
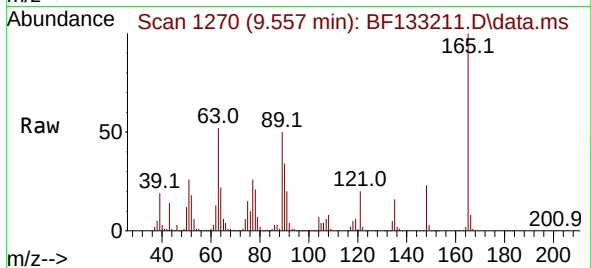
Tgt Ion:165 Resp: 292019

Ion Ratio Lower Upper

165 100

63 51.5 45.9 68.9

89 50.2 44.0 66.0



#52

Acenaphthene

Concen: 43.371 ng

RT: 9.804 min Scan# 1312

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

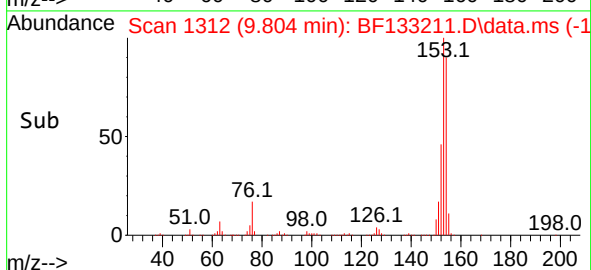
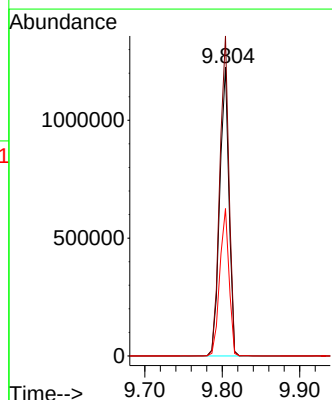
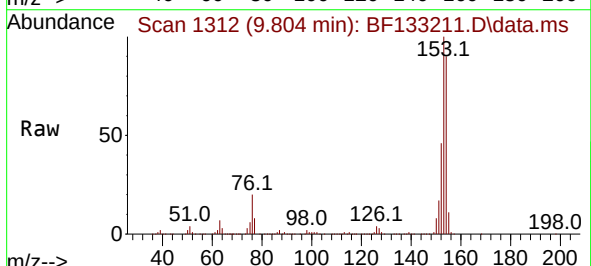
Tgt Ion:154 Resp: 1016040

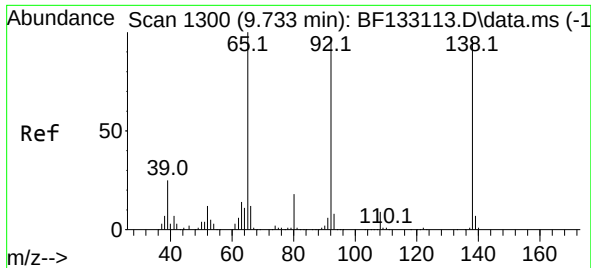
Ion Ratio Lower Upper

154 100

153 110.9 89.0 133.6

152 51.1 40.4 60.6

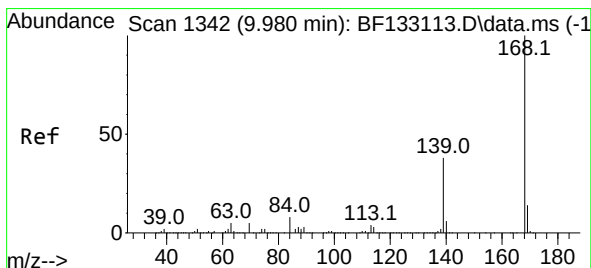
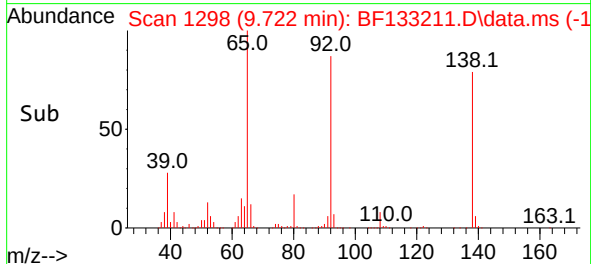
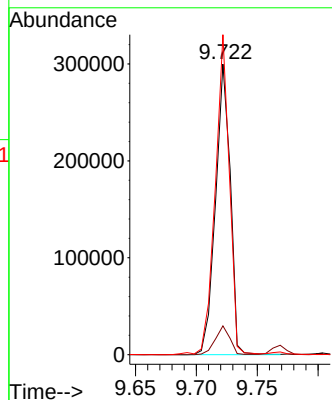
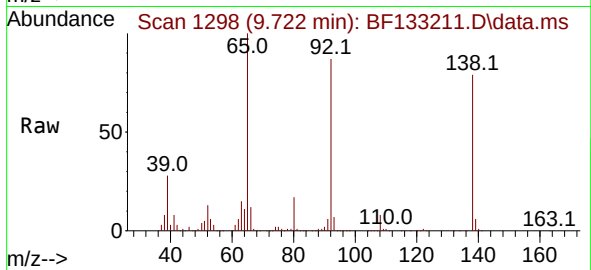




#53
3-Nitroaniline
Concen: 35.740 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

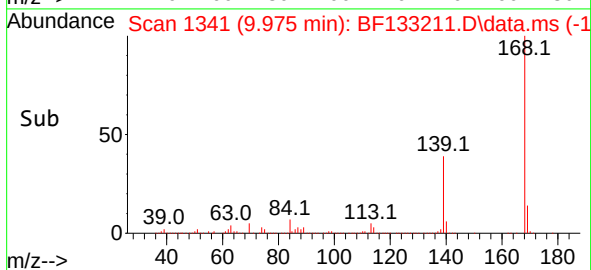
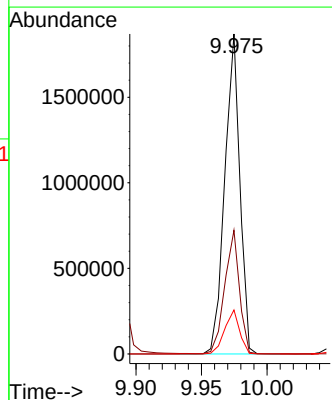
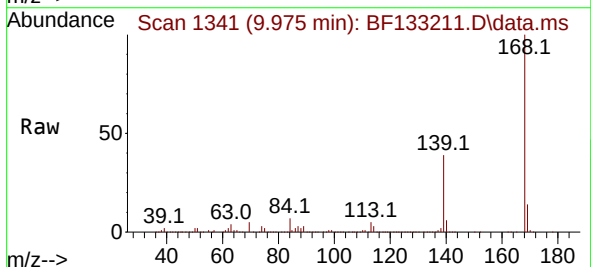
Instrument :
BNA_F
ClientSampleId :
CF-24MSD

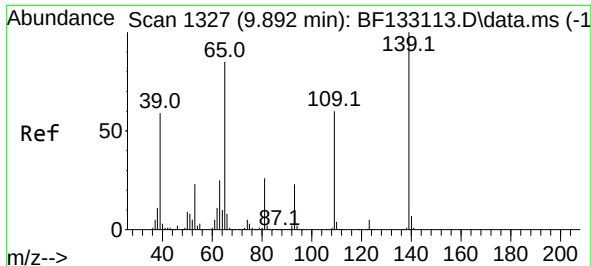
Tgt Ion:138 Resp: 251549
Ion Ratio Lower Upper
138 100
108 9.9 8.0 12.0
92 110.1 83.6 125.4



#55
Dibenzofuran
Concen: 46.582 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion:168 Resp: 1488589
Ion Ratio Lower Upper
168 100
139 38.7 29.8 44.8
169 13.7 10.8 16.2

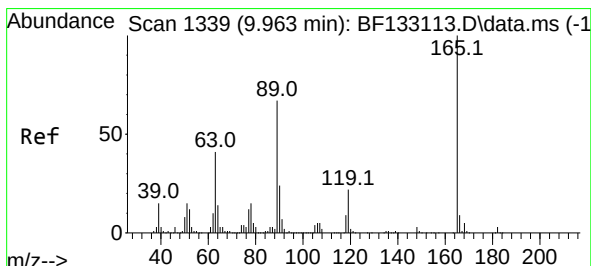
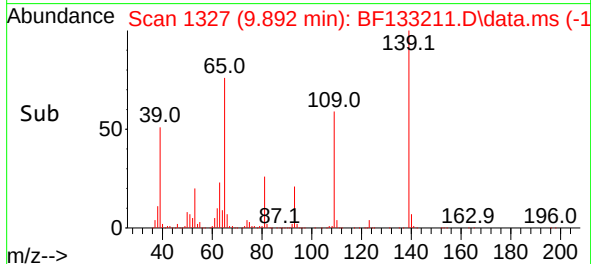
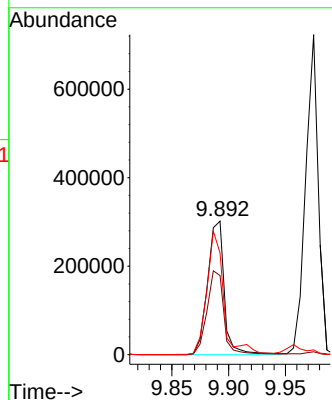
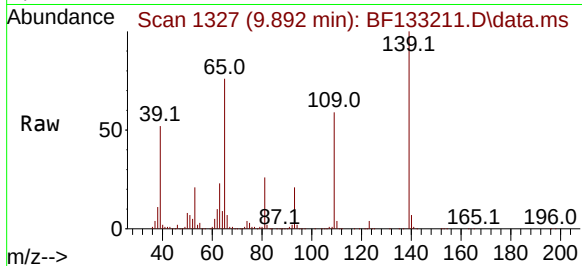




#56
4-Nitrophenol
Concen: 56.618 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

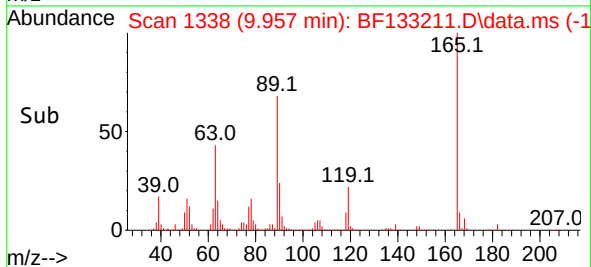
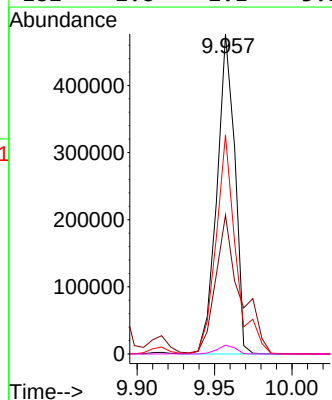
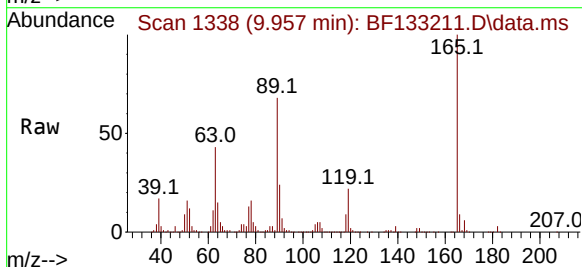
Instrument :
BNA_F
ClientSampleId :
CF-24MSD

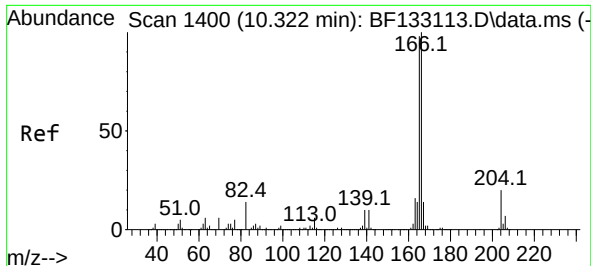
Tgt Ion:139 Resp: 308641
Ion Ratio Lower Upper
139 100
109 59.3 39.4 79.4
65 76.2 57.5 97.5



#57
2,4-Dinitrotoluene
Concen: 50.720 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion:165 Resp: 382880
Ion Ratio Lower Upper
165 100
63 43.4 37.7 56.5
89 68.5 57.0 85.4
182 2.8 2.1 3.1

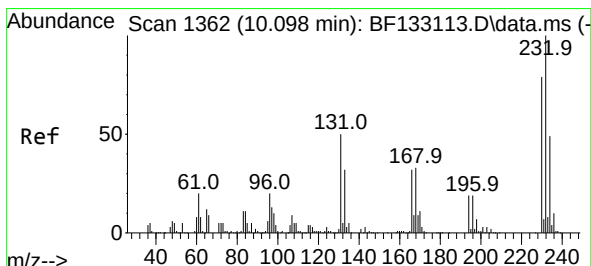
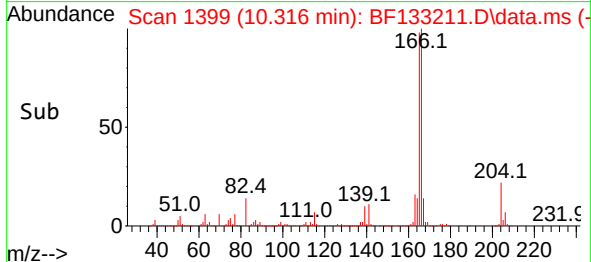
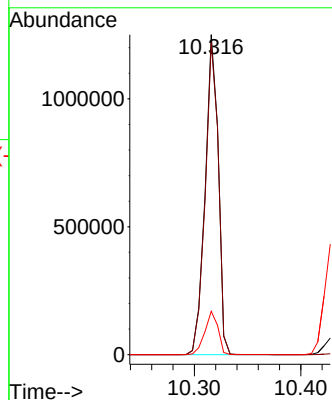
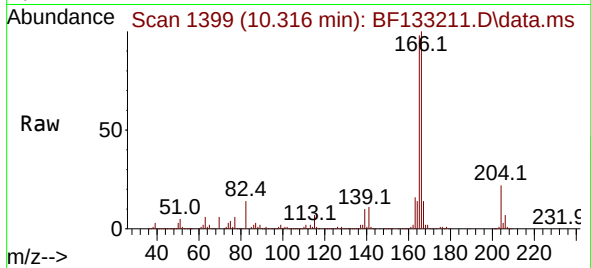




#58
Fluorene
Concen: 45.812 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

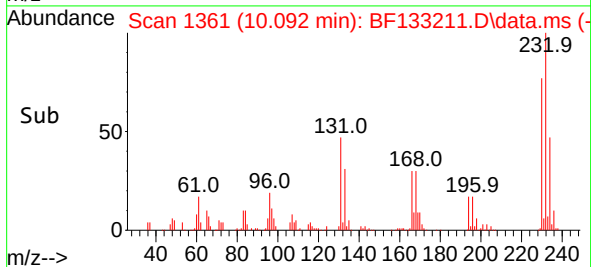
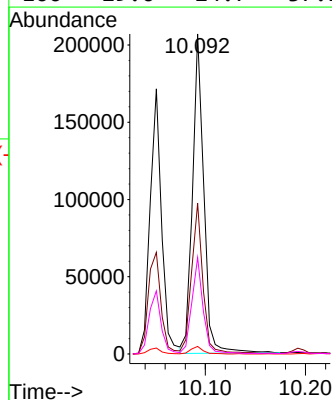
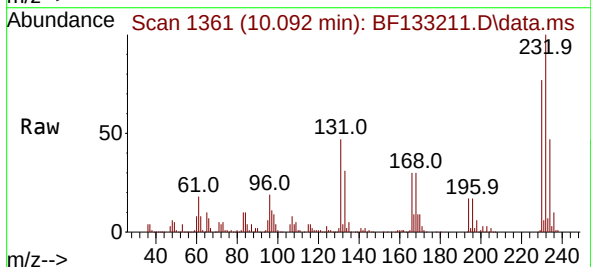
Instrument :
BNA_F
ClientSampleId :
CF-24MSD

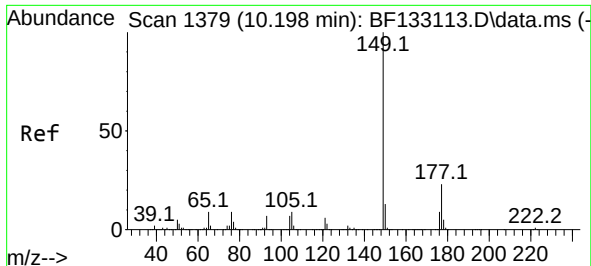
Tgt Ion:166 Resp: 1072589
Ion Ratio Lower Upper
166 100
165 97.5 78.6 117.8
167 13.5 11.0 16.4



#59
2,3,4,6-Tetrachlorophenol
Concen: 25.700 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion:232 Resp: 161610
Ion Ratio Lower Upper
232 100
131 47.5 38.0 57.0
130 2.5 1.8 2.8
166 29.6 24.7 37.1

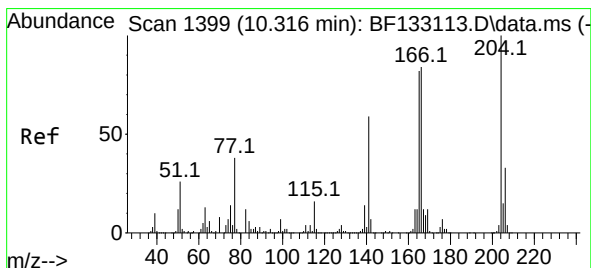
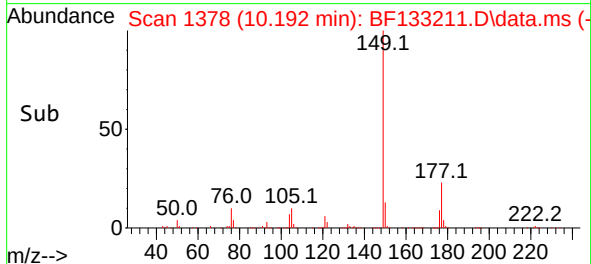
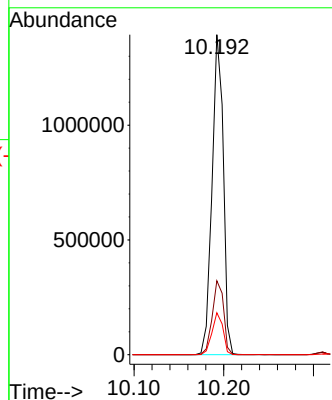
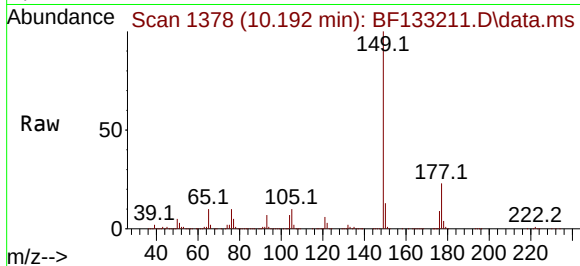




#60
Diethylphthalate
Concen: 48.685 ng
RT: 10.192 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

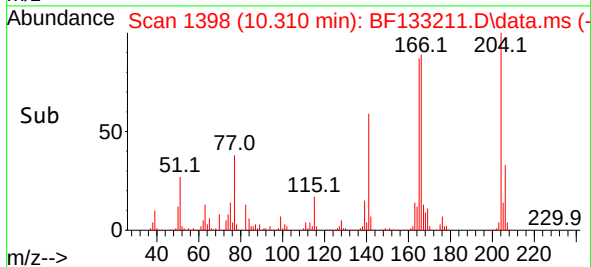
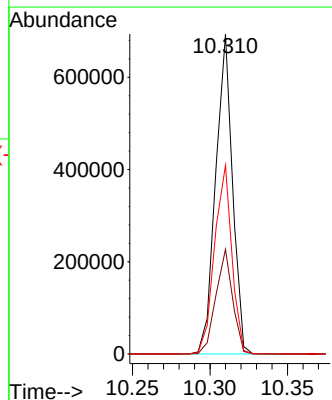
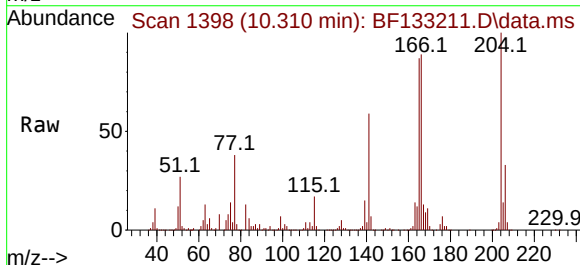
Instrument :
BNA_F
ClientSampleId :
CF-24MSD

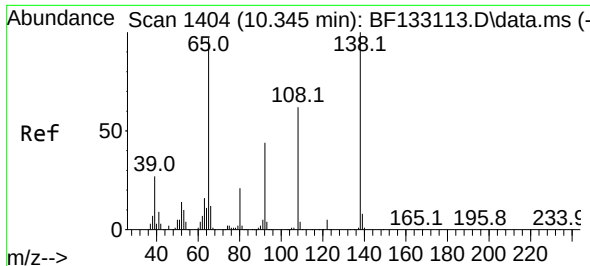
Tgt Ion:149 Resp: 1209433
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.4
150 13.1 10.2 15.4



#61
4-Chlorophenyl-phenylether
Concen: 45.928 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion:204 Resp: 524010
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 58.9 46.1 69.1

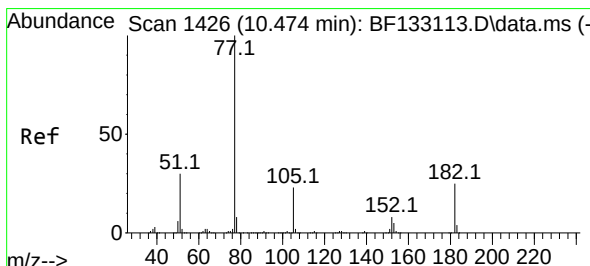
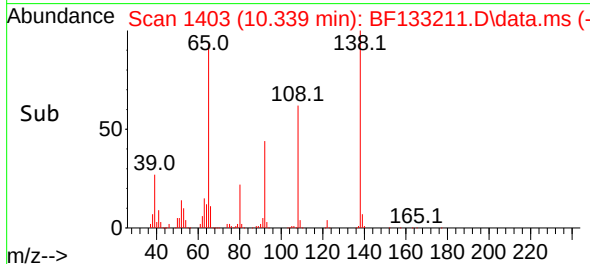
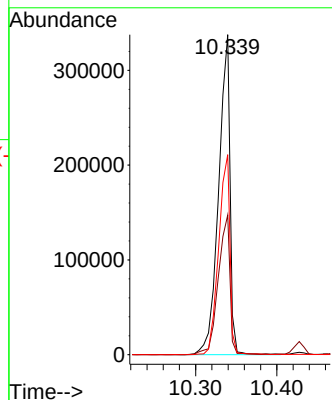
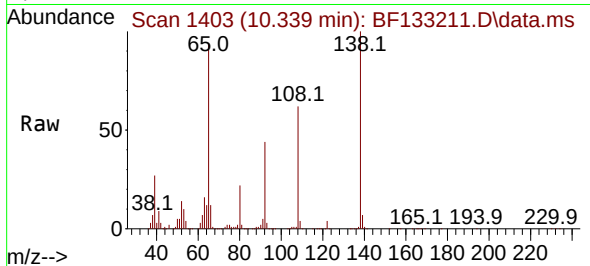




#62
4-Nitroaniline
Concen: 51.022 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

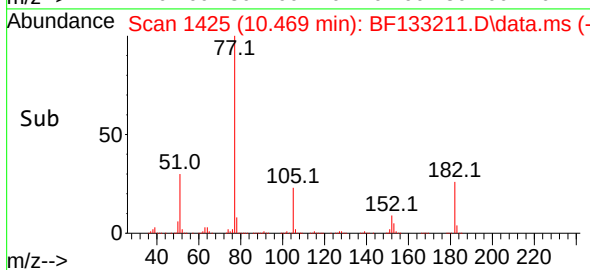
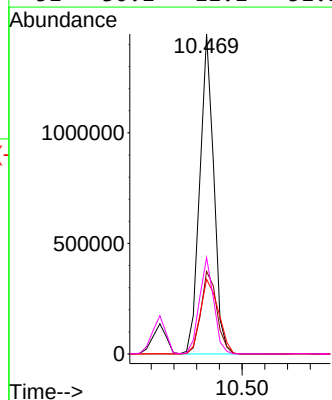
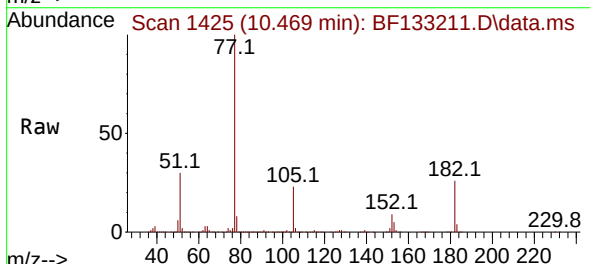
Instrument :
BNA_F
ClientSampleId :
CF-24MSD

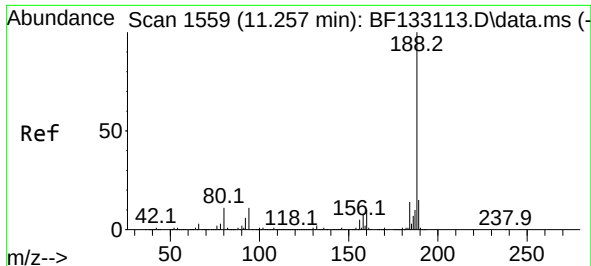
Tgt Ion:138 Resp: 330056
Ion Ratio Lower Upper
138 100
92 43.7 27.7 67.7
108 62.5 45.2 85.2



#63
Azobenzene
Concen: 47.042 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion: 77 Resp: 1237939
Ion Ratio Lower Upper
77 100
182 25.8 5.9 45.9
105 23.3 2.3 42.3
51 30.1 11.1 51.1

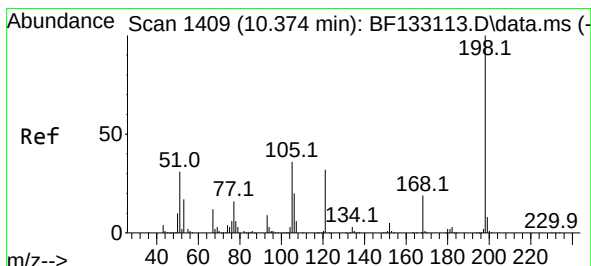
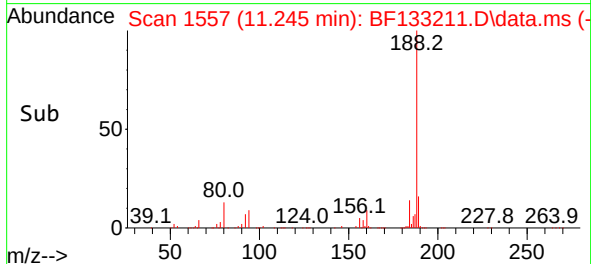
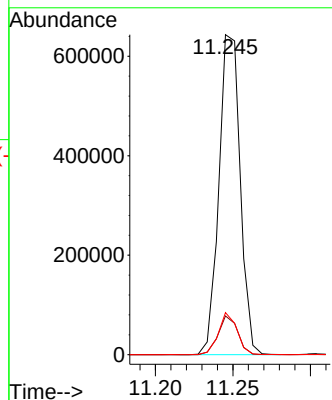
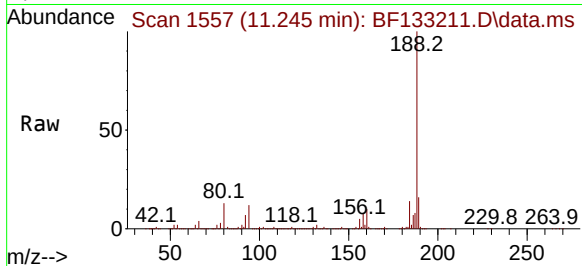




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

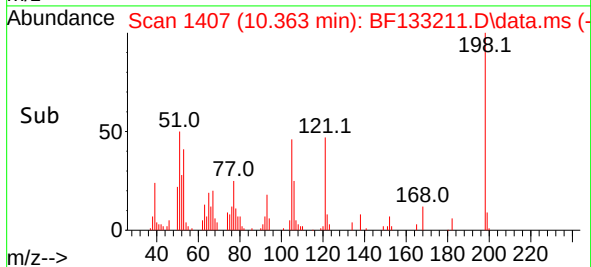
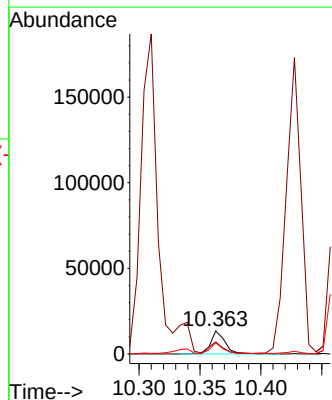
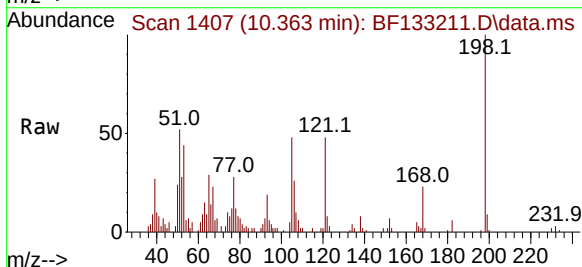
Instrument :
BNA_F
ClientSampleId :
CF-24MSD

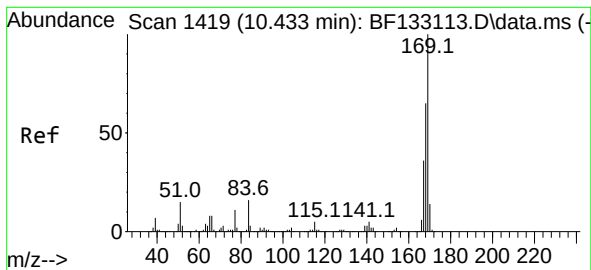
Tgt Ion:188 Resp: 615509
Ion Ratio Lower Upper
188 100
94 12.1 9.7 14.5
80 13.1 10.4 15.6



#65
4,6-Dinitro-2-methylphenol
Concen: 2.905 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion:198 Resp: 10838
Ion Ratio Lower Upper
198 100
51 52.0 15.5 55.5
105 48.4 16.7 56.7





#66

n-Nitrosodiphenylamine

Concen: 50.818 ng

RT: 10.428 min Scan# 1418

Delta R.T. -0.006 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

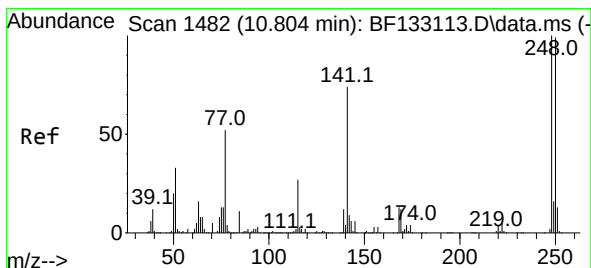
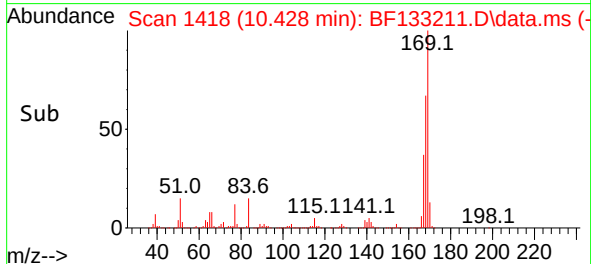
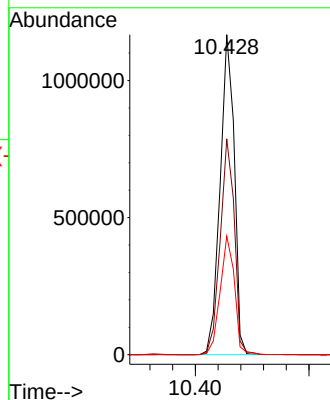
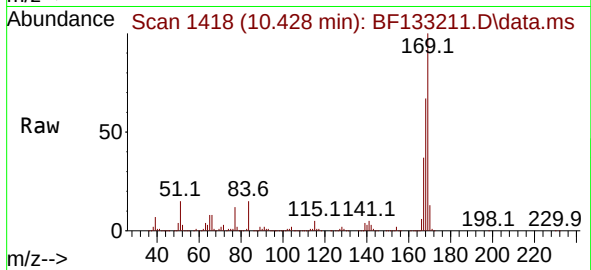
Tgt Ion:169 Resp: 1014616

Ion Ratio Lower Upper

169 100

168 67.5 53.8 80.8

167 37.0 29.7 44.5



#67

4-Bromophenyl-phenylether

Concen: 50.543 ng

RT: 10.798 min Scan# 1481

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

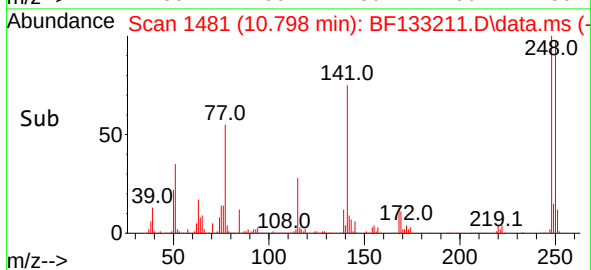
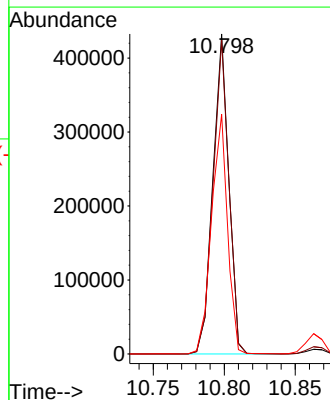
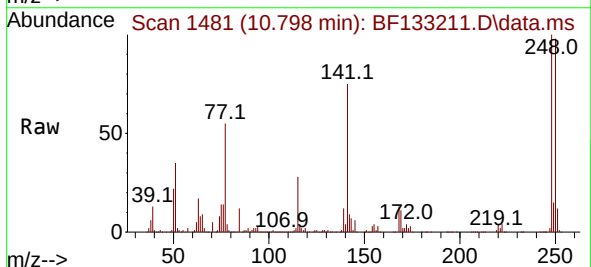
Tgt Ion:248 Resp: 337402

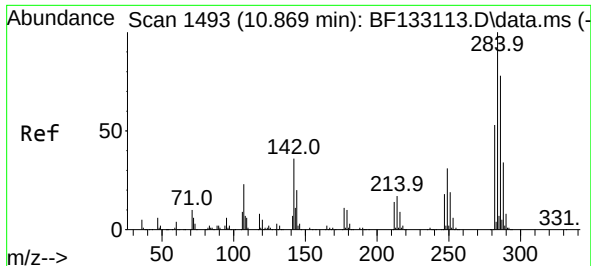
Ion Ratio Lower Upper

248 100

250 98.0 78.7 118.1

141 74.9 56.3 84.5





#68

Hexachlorobenzene

Concen: 51.363 ng

RT: 10.863 min Scan# 1493

Delta R.T. -0.006 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

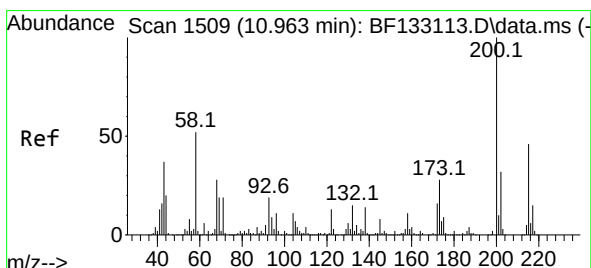
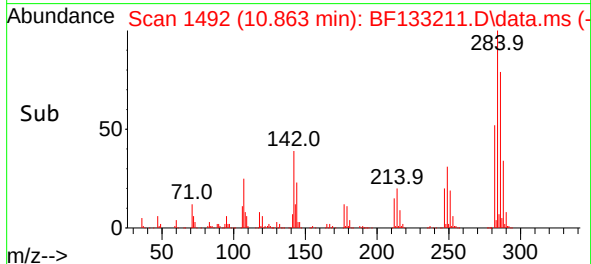
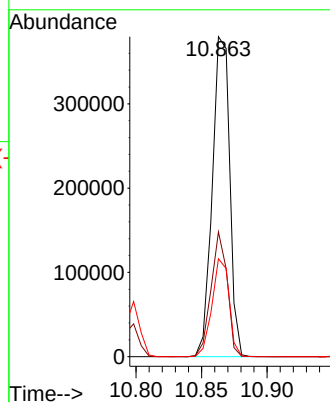
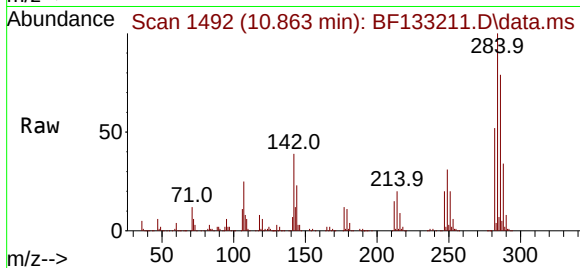
Tgt Ion:284 Resp: 351338

Ion Ratio Lower Upper

284 100

142 39.0 26.0 39.0#

249 30.6 23.7 35.5



#69

Atrazine

Concen: 56.347 ng

RT: 10.957 min Scan# 1508

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

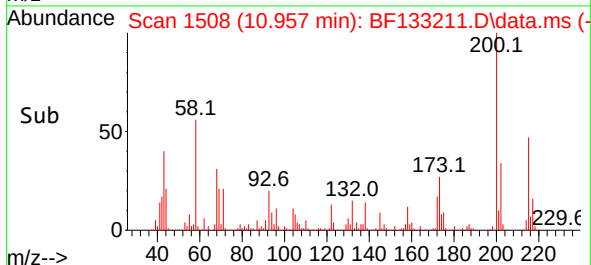
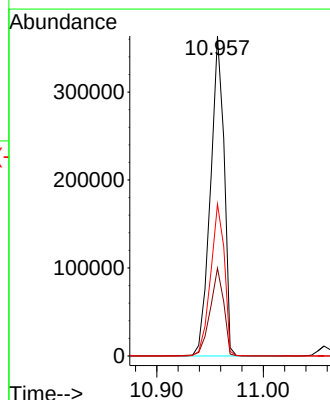
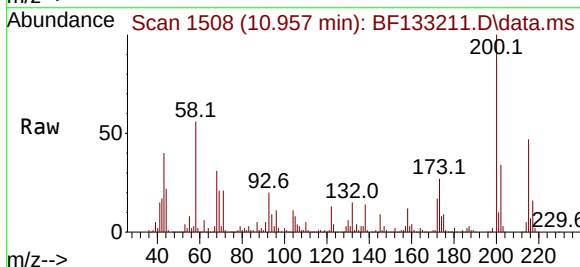
Tgt Ion:200 Resp: 324163

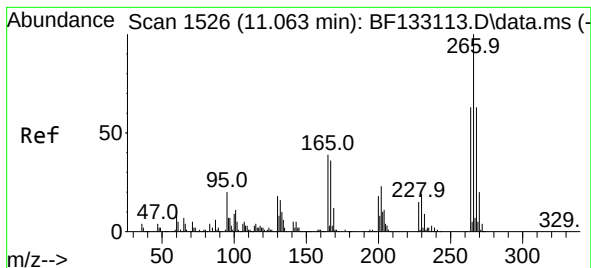
Ion Ratio Lower Upper

200 100

173 27.4 6.2 46.2

215 47.4 26.3 66.3





#70

Pentachlorophenol

Concen: 15.305 ng

RT: 11.057 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

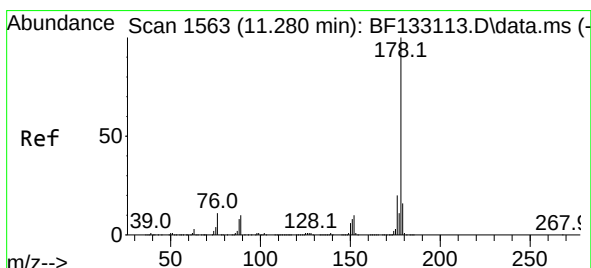
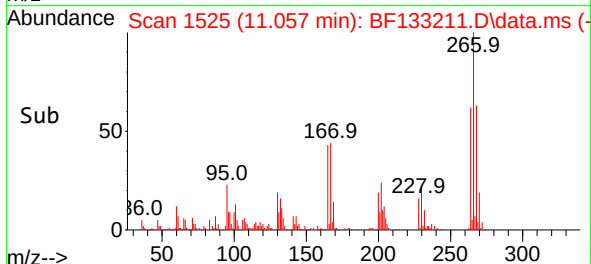
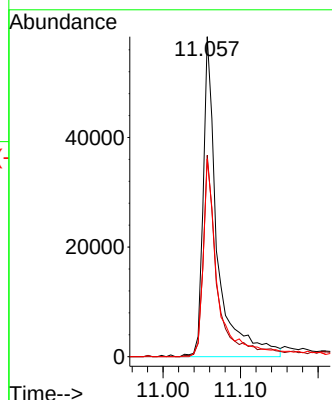
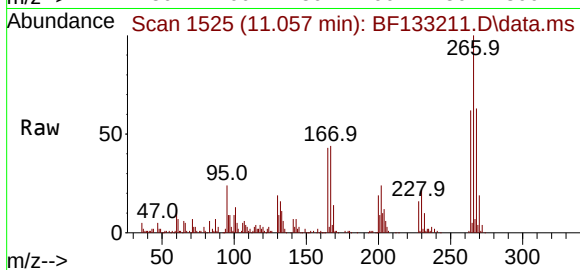
Tgt Ion:266 Resp: 74559

Ion Ratio Lower Upper

266 100

268 63.0 48.8 73.2

264 61.9 50.6 76.0



#71

Phenanthrene

Concen: 47.638 ng

RT: 11.275 min Scan# 1562

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

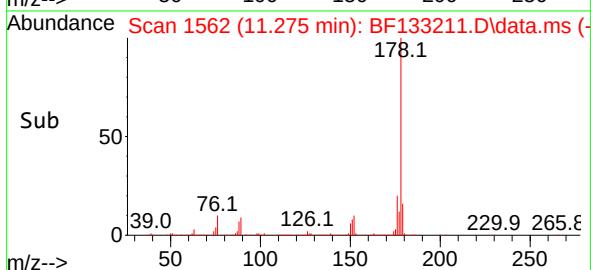
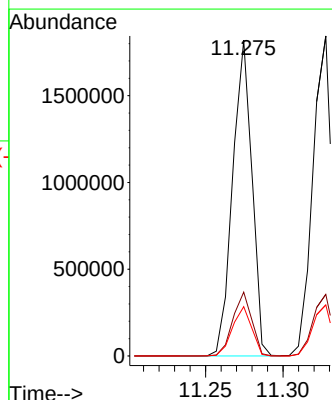
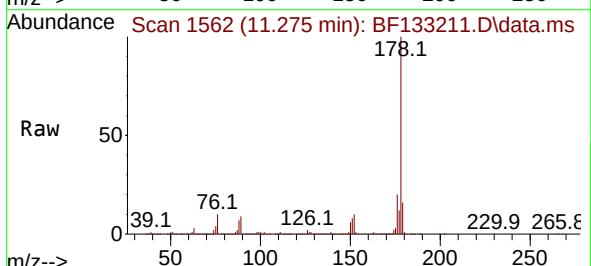
Tgt Ion:178 Resp: 1575954

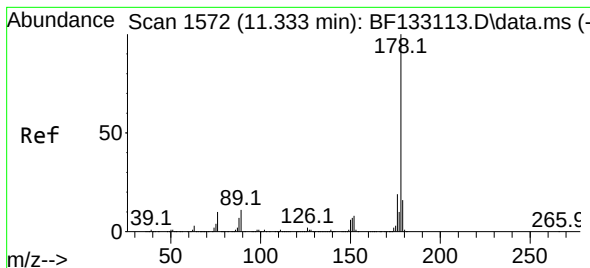
Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

179 15.6 12.5 18.7





#72

Anthracene

Concen: 47.105 ng

RT: 11.328 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

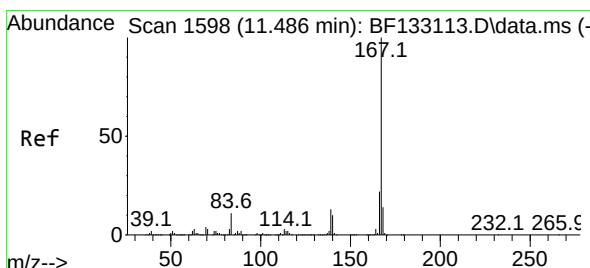
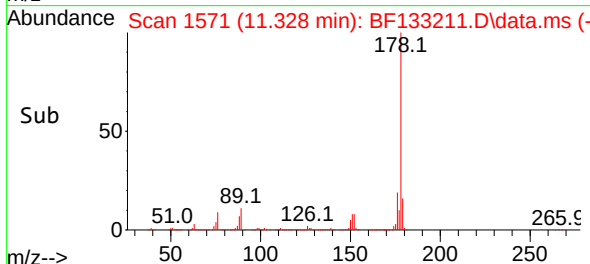
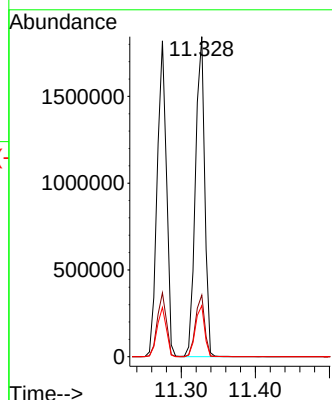
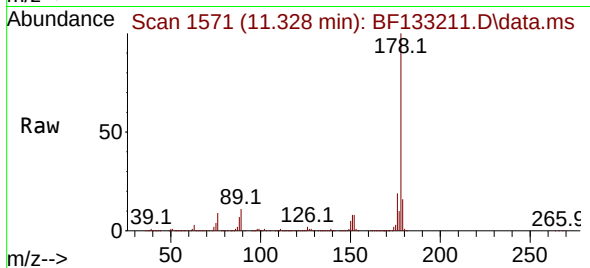
Tgt Ion:178 Resp: 1594760

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.9 12.4 18.6



#73

Carbazole

Concen: 47.256 ng

RT: 11.480 min Scan# 1597

Delta R.T. -0.006 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

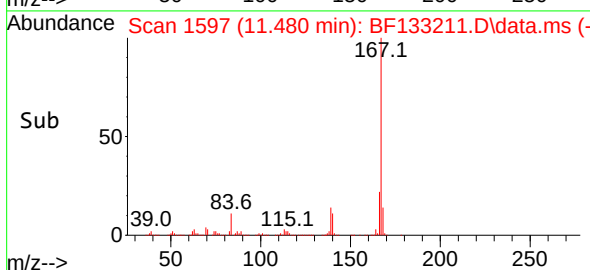
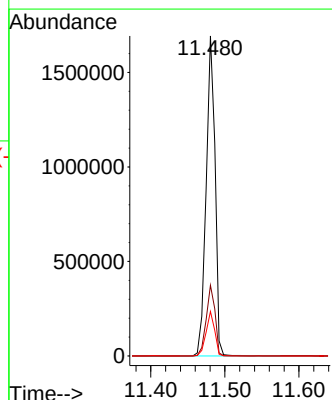
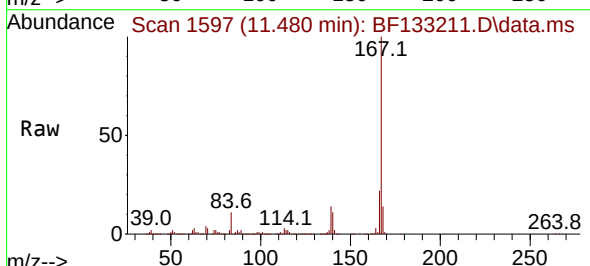
Tgt Ion:167 Resp: 1424579

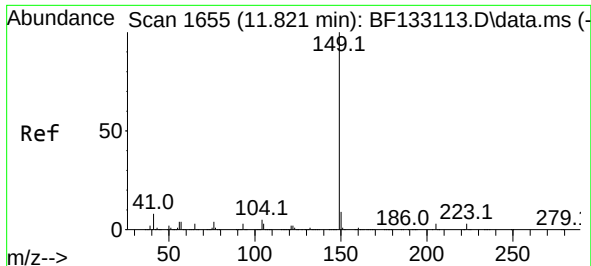
Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.0

139 13.9 10.6 16.0

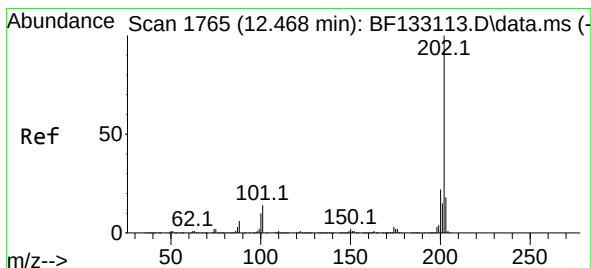
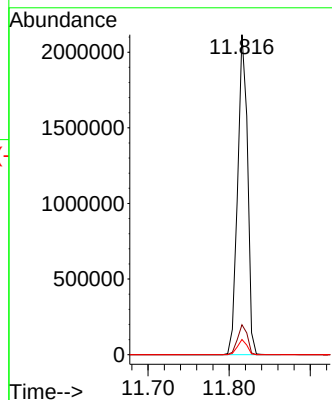
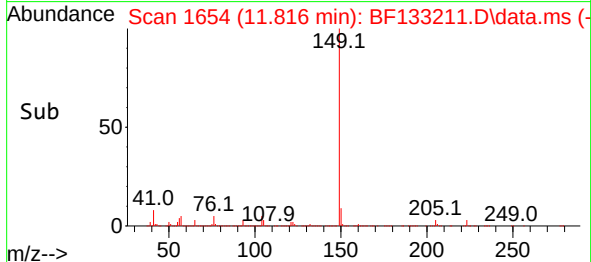
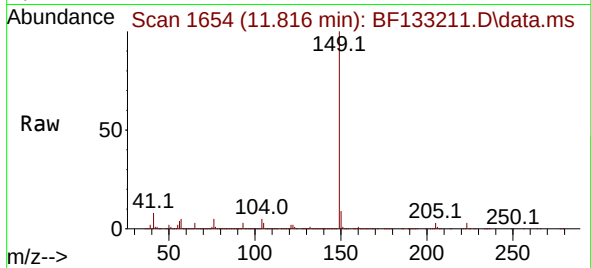




#74
Di-n-butylphthalate
Concen: 52.150 ng
RT: 11.816 min Scan# 1654
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

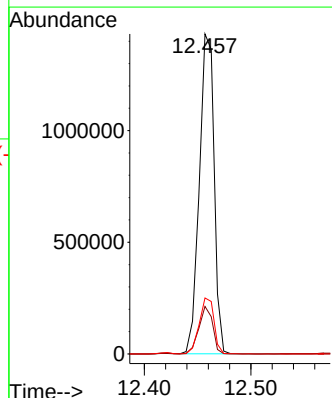
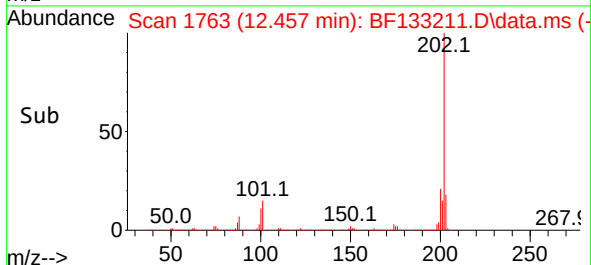
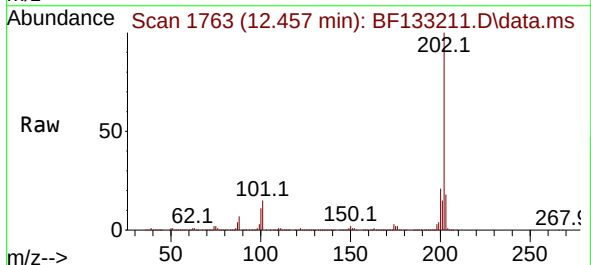
Instrument :
BNA_F
ClientSampleId :
CF-24MSD

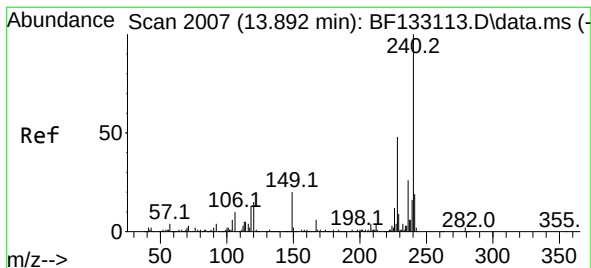
Tgt Ion:149 Resp: 1779104
Ion Ratio Lower Upper
149 100
150 9.4 7.6 11.4
104 4.7 4.0 6.0



#75
Fluoranthene
Concen: 41.843 ng
RT: 12.457 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion:202 Resp: 1389228
Ion Ratio Lower Upper
202 100
101 14.8 0.0 35.3
203 17.5 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.886 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

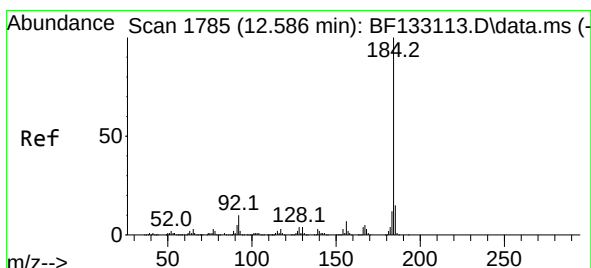
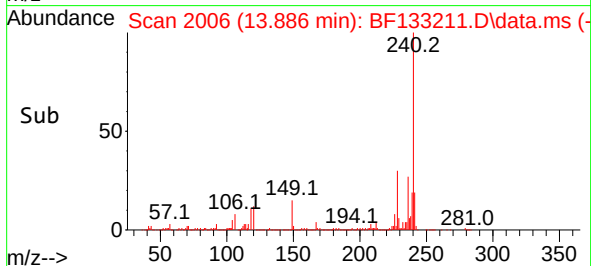
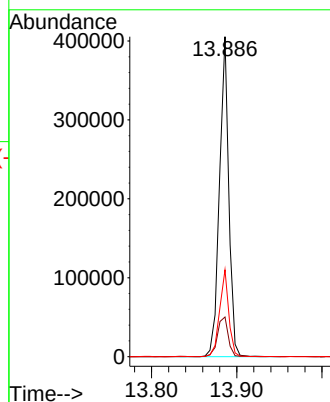
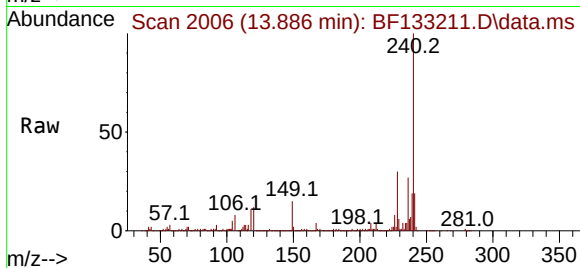
Tgt Ion:240 Resp: 307937

Ion Ratio Lower Upper

240 100

120 12.4 10.5 15.7

236 27.2 21.5 32.3



#77

Benzidine

Concen: 98.688 ng

RT: 12.580 min Scan# 1784

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

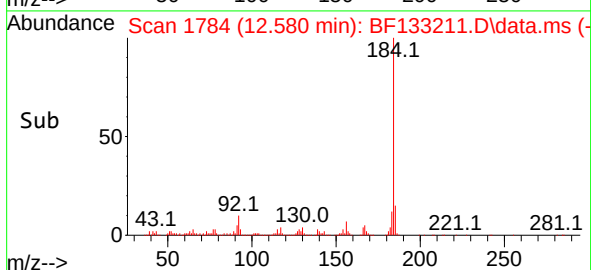
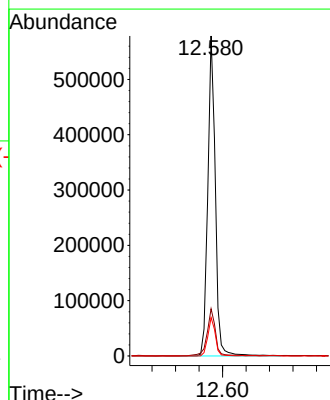
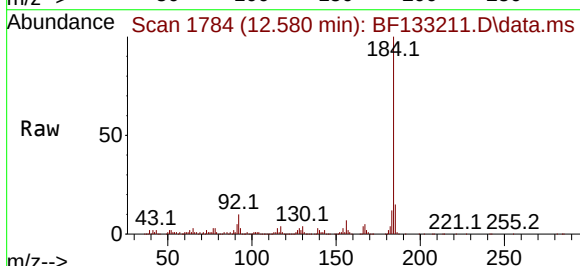
Tgt Ion:184 Resp: 513908

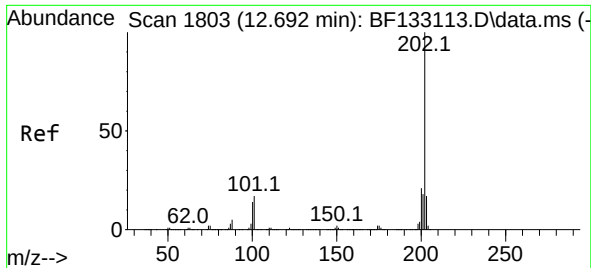
Ion Ratio Lower Upper

184 100

185 14.8 15.4 23.2#

183 12.0 9.4 14.0

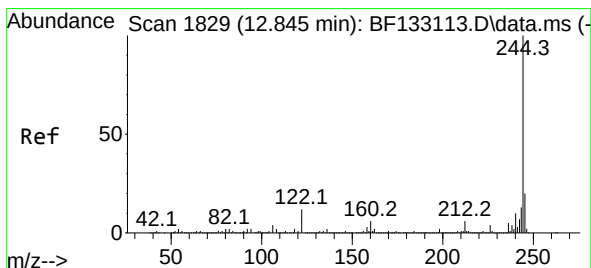
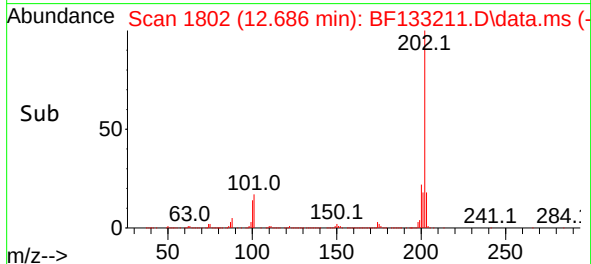
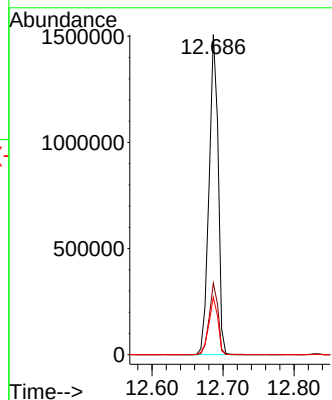
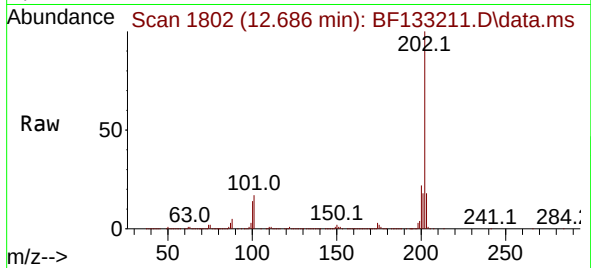




#78
 Pyrene
 Concen: 51.040 ng
 RT: 12.686 min Scan# 1802
 Delta R.T. -0.006 min
 Lab File: BF133211.D
 Acq: 03 May 2023 17:14

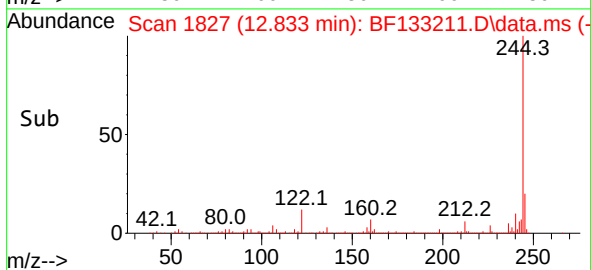
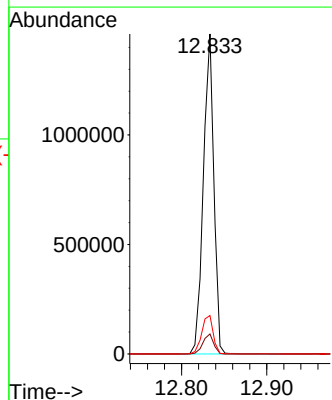
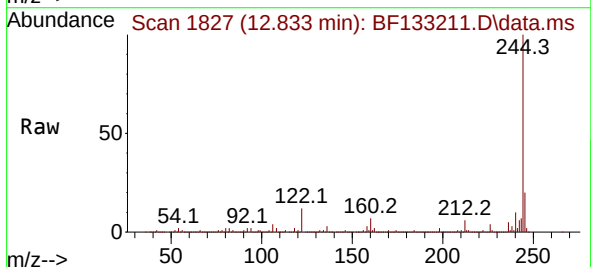
Instrument :
 BNA_F
 ClientSampleId :
 CF-24MSD

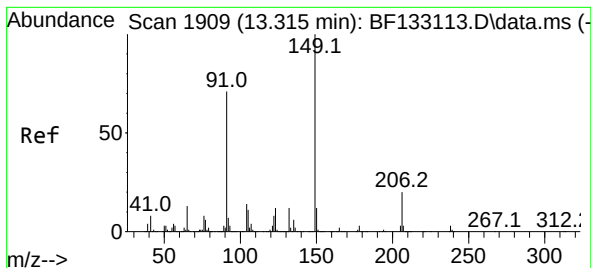
Tgt Ion:202 Resp: 1347310
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.1 25.7
 203 18.0 14.1 21.1



#79
 Terphenyl-d14
 Concen: 69.793 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. -0.006 min
 Lab File: BF133211.D
 Acq: 03 May 2023 17:14

Tgt Ion:244 Resp: 1246147
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.1 7.7
 122 12.0 8.6 13.0





#80

Butylbenzylphthalate

Concen: 61.404 ng

RT: 13.310 min Scan# 1909

Delta R.T. -0.006 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

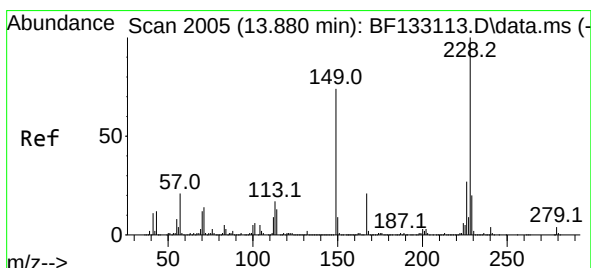
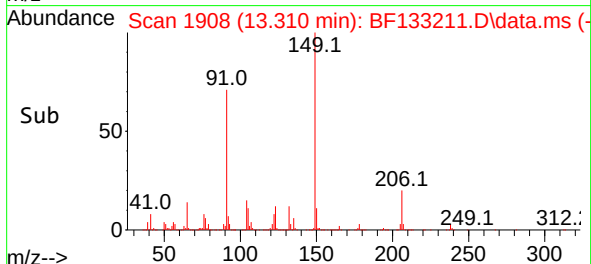
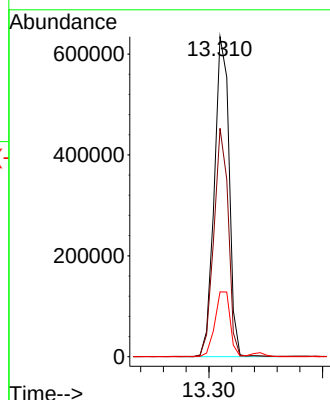
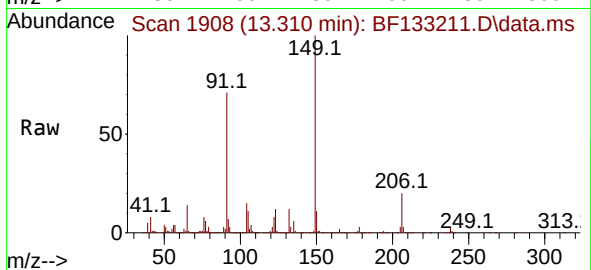
Tgt Ion:149 Resp: 573915

Ion Ratio Lower Upper

149 100

91 71.3 53.8 80.6

206 20.3 17.5 26.3



#81

Benzo(a)anthracene

Concen: 48.029 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

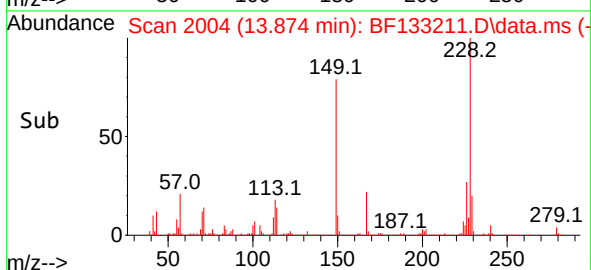
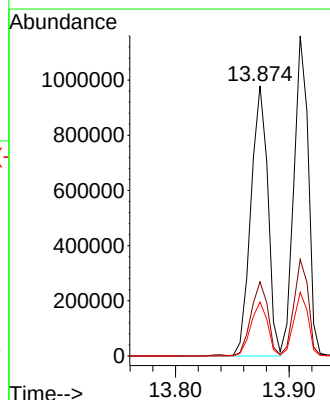
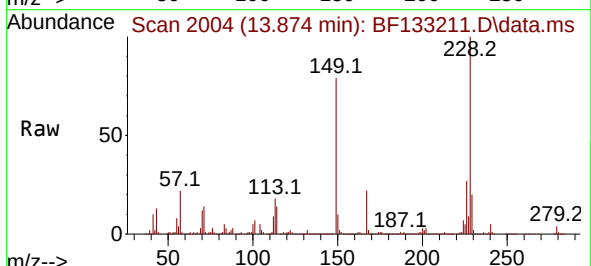
Tgt Ion:228 Resp: 1017054

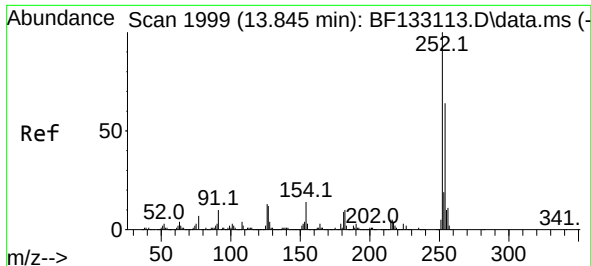
Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.4

229 20.0 16.0 24.0





#82

3,3'-Dichlorobenzidine

Concen: 40.221 ng

RT: 13.839 min Scan# 1999

Delta R.T. -0.006 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

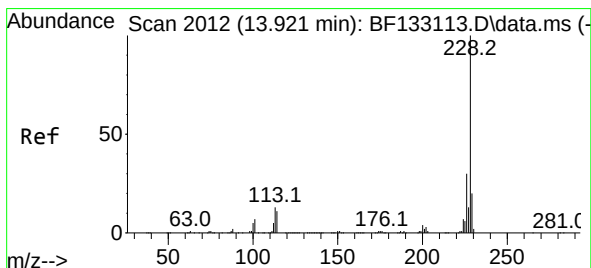
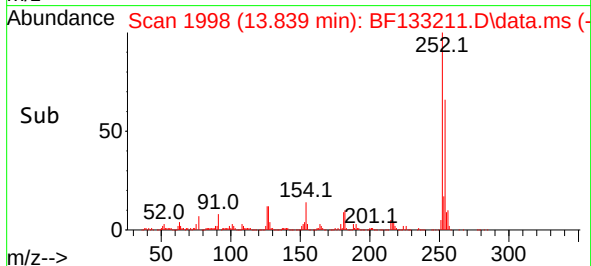
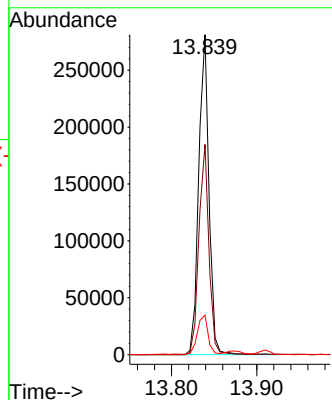
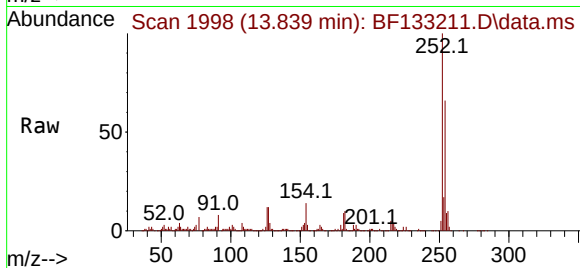
Tgt Ion:252 Resp: 235286

Ion Ratio Lower Upper

252 100

254 65.7 51.5 77.3

126 12.3 9.5 14.3



#83

Chrysene

Concen: 48.259 ng

RT: 13.910 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

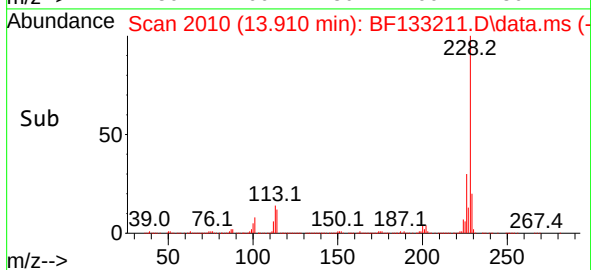
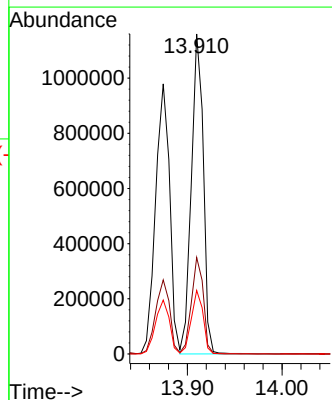
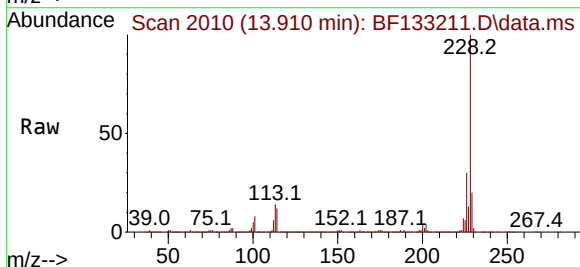
Tgt Ion:228 Resp: 1021672

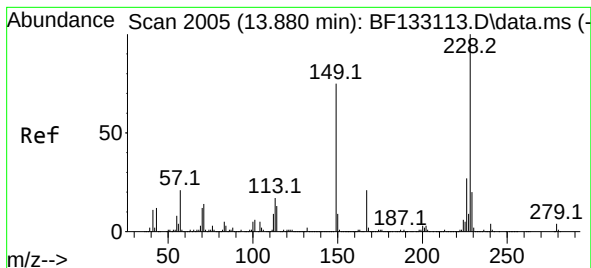
Ion Ratio Lower Upper

228 100

226 30.2 24.7 37.1

229 19.8 16.1 24.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 57.362 ng

RT: 13.874 min Scan# 2005

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

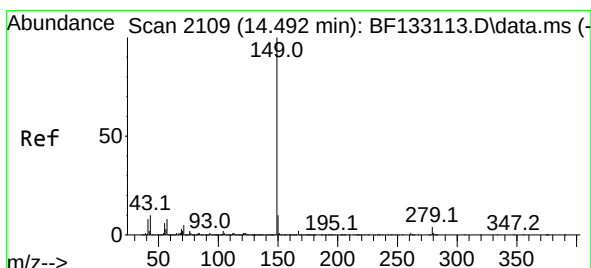
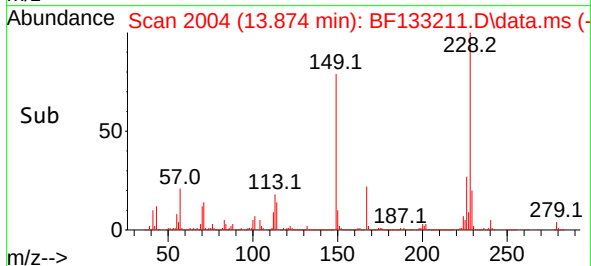
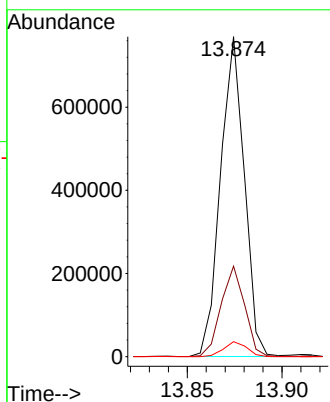
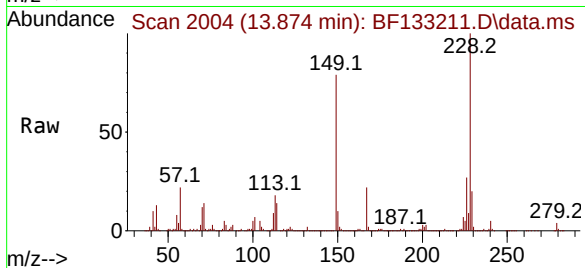
Tgt Ion:149 Resp: 672952

Ion Ratio Lower Upper

149 100

167 28.3 22.5 33.7

279 4.7 4.2 6.4



#85

Di-n-octyl phthalate

Concen: 67.394 ng

RT: 14.486 min Scan# 2108

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

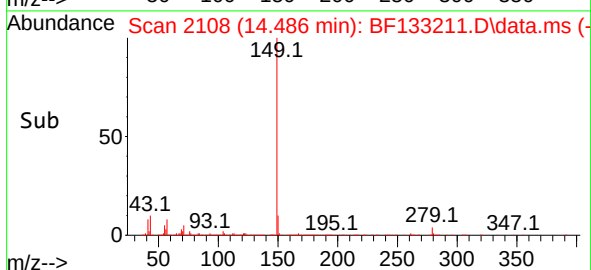
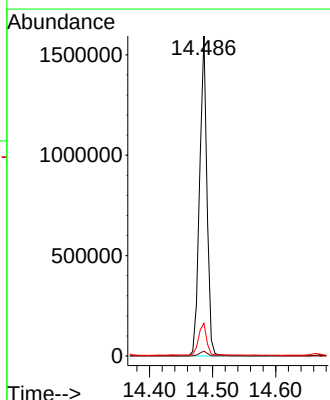
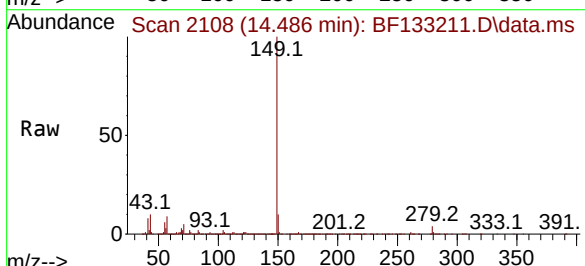
Tgt Ion:149 Resp: 1289189

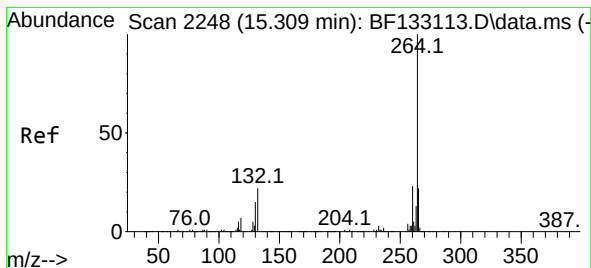
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.4 9.5 14.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

Instrument :

BNA_F

ClientSampleId :

CF-24MSD

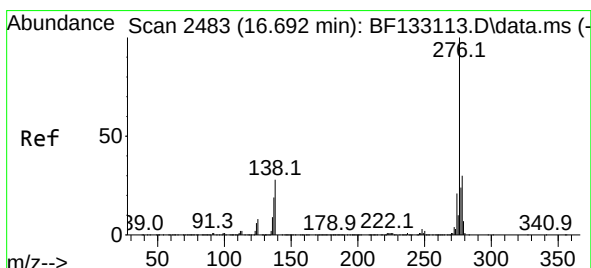
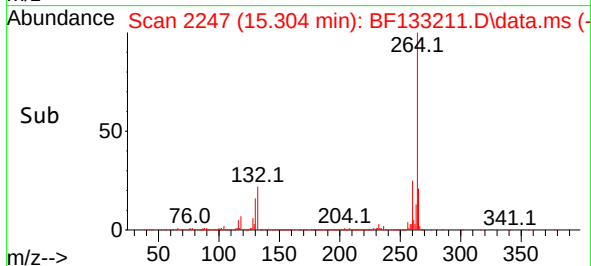
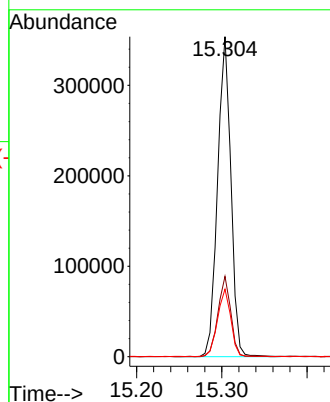
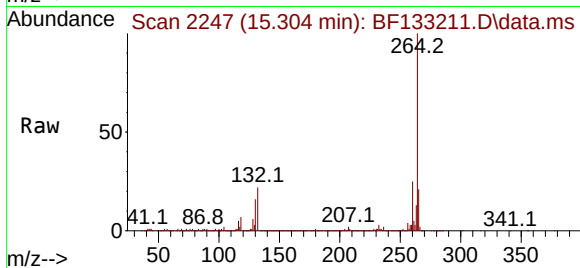
Tgt Ion:264 Resp: 385313

Ion Ratio Lower Upper

264 100

260 25.1 18.8 28.2

265 21.1 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 51.017 ng

RT: 16.686 min Scan# 2482

Delta R.T. -0.006 min

Lab File: BF133211.D

Acq: 03 May 2023 17:14

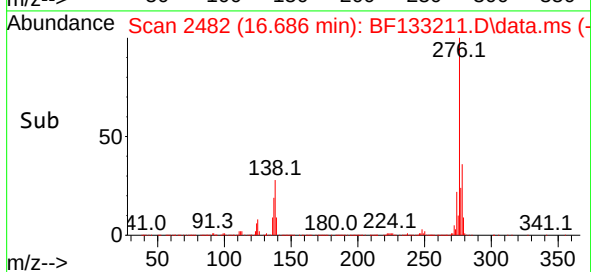
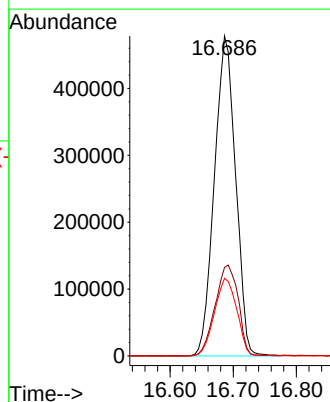
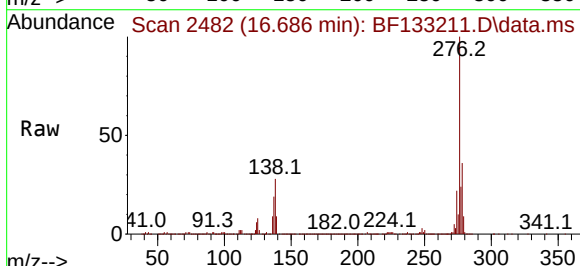
Tgt Ion:276 Resp: 1118164

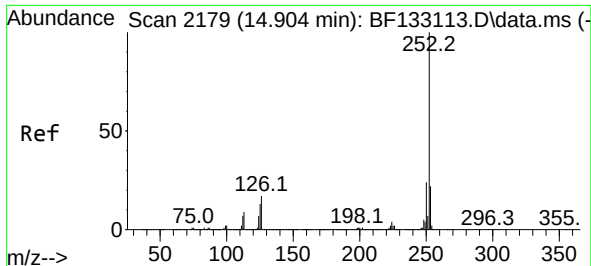
Ion Ratio Lower Upper

276 100

138 30.9 25.5 38.3

277 25.6 20.4 30.6

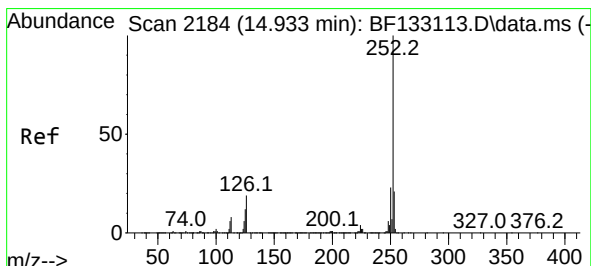
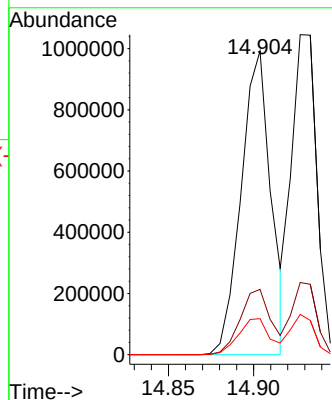
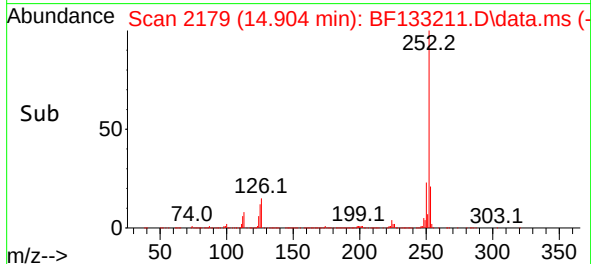
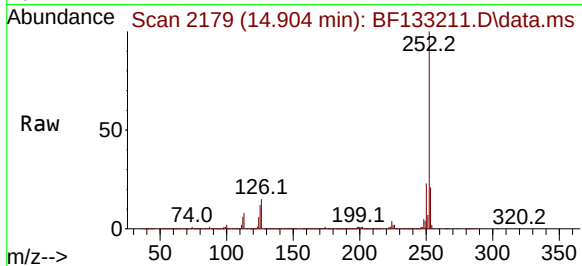




#88
Benzo(b)fluoranthene
Concen: 49.190 ng
RT: 14.904 min Scan# 2179
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

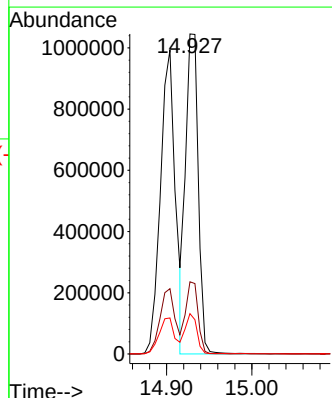
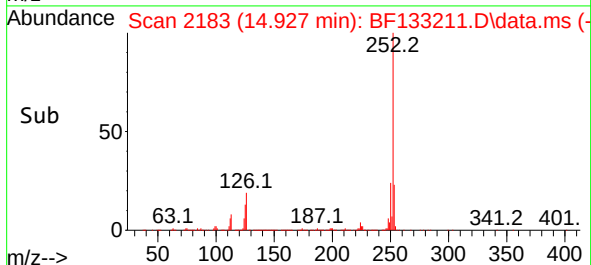
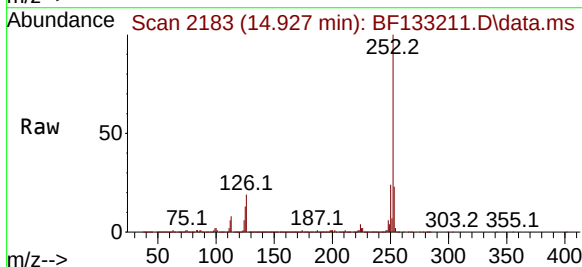
Instrument :
BNA_F
ClientSampleId :
CF-24MSD

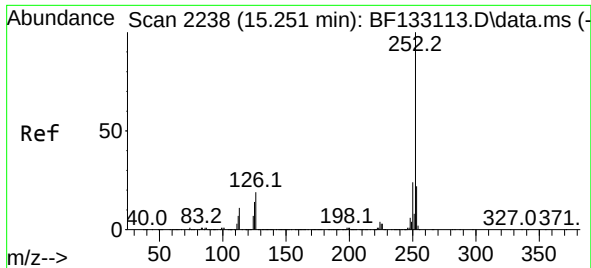
Tgt Ion:252 Resp: 1205798
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 11.8 8.9 13.3



#89
Benzo(k)fluoranthene
Concen: 44.611 ng
RT: 14.927 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

Tgt Ion:252 Resp: 1084032
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 12.6 9.0 13.4

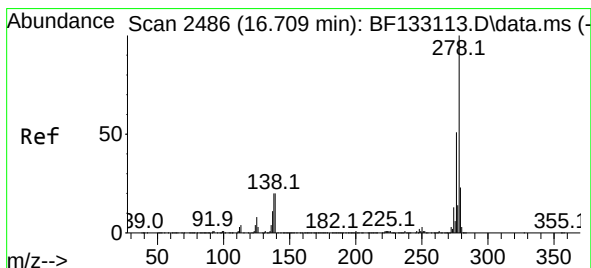
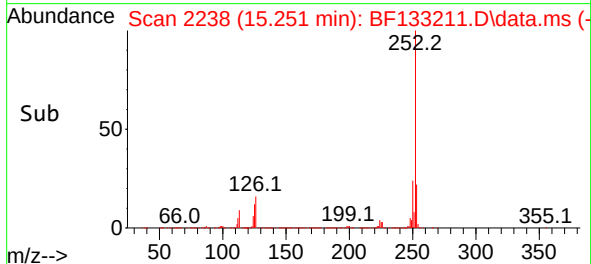
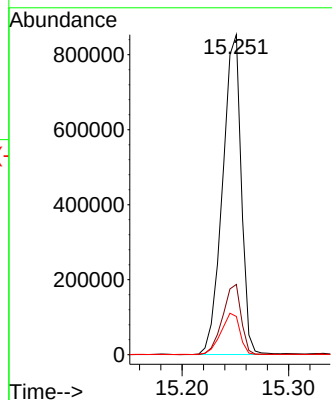
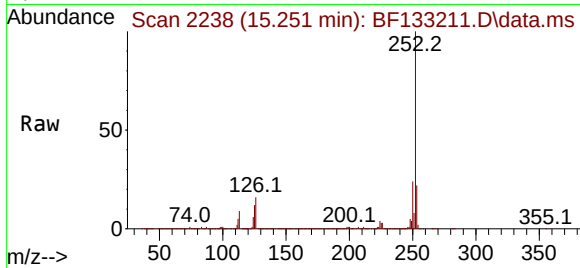




#90
Benzo(a)pyrene
Concen: 46.410 ng
RT: 15.251 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

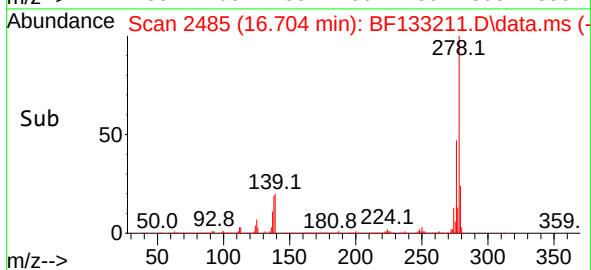
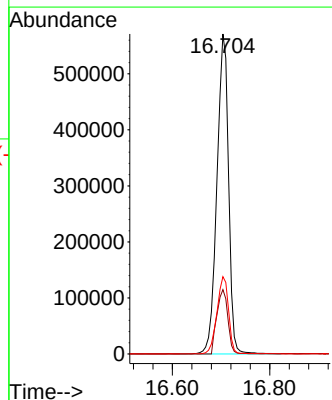
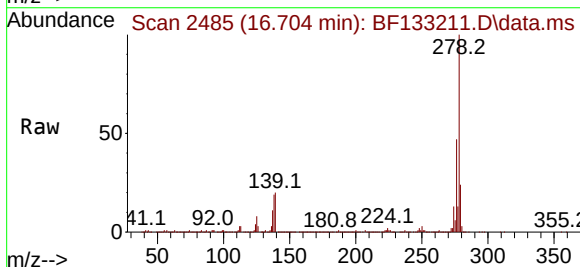
Instrument :
BNA_F
ClientSampleId :
CF-24MSD

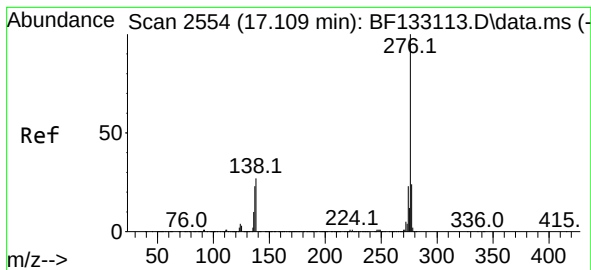
Tgt Ion:252 Resp: 1035497
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 11.9 10.5 15.7



#91
Dibenzo(a,h)anthracene
Concen: 51.570 ng
RT: 16.704 min Scan# 2485
Delta R.T. -0.000 min
Lab File: BF133211.D
Acq: 03 May 2023 17:14

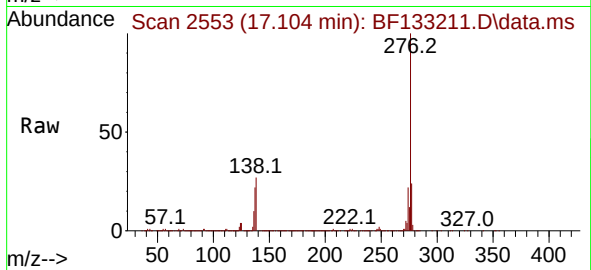
Tgt Ion:278 Resp: 942718
Ion Ratio Lower Upper
278 100
139 20.1 16.6 24.8
279 24.2 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 46.922 ng
 RT: 17.104 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF133211.D
 Acq: 03 May 2023 17:14

Instrument :
 BNA_F
 ClientSampleId :
 CF-24MSD



Tgt Ion:276 Resp: 846814
 Ion Ratio Lower Upper
 276 100
 277 24.2 19.4 29.0
 138 27.1 22.7 34.1

