

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
 Data File : BF133518.D
 Acq On : 30 May 2023 12:59
 Operator : CG\JU
 Sample : PB153070BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153070BS

Quant Time: May 30 19:05:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	143330	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	525547	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	260012	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	509553	20.000	ng	0.00
76) Chrysene-d12	14.004	240	361786	20.000	ng	0.00
86) Perylene-d12	15.456	264	330255	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	802412	93.406	ng	0.01
7) Phenol-d6	6.463	99	987813	93.410	ng	0.00
23) Nitrobenzene-d5	7.398	82	590140	74.975	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	270492	104.363	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1147522	68.117	ng	0.00
79) Terphenyl-d14	12.951	244	1255171	61.685	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	166615	42.945	ng	98
3) Pyridine	3.387	79	417297	38.360	ng	99
4) n-Nitrosodimethylamine	3.345	42	245178	41.327	ng	96
6) Aniline	6.492	93	514992	35.867	ng	99
8) 2-Chlorophenol	6.616	128	373357	44.108	ng	99
9) Benzaldehyde	6.381	77	239834	47.029	ng	97
10) Phenol	6.475	94	487586	45.961	ng	96
11) bis(2-Chloroethyl)ether	6.575	93	365002	41.614	ng	96
12) 1,3-Dichlorobenzene	6.775	146	405457	43.146	ng	99
13) 1,4-Dichlorobenzene	6.851	146	411144	43.640	ng	98
14) 1,2-Dichlorobenzene	7.004	146	385206	44.307	ng	99
15) Benzyl Alcohol	6.975	79	341704	42.561	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	698259	41.974	ng	99
17) 2-Methylphenol	7.086	107	318736	39.763	ng	99
18) Hexachloroethane	7.345	117	145611	44.697	ng	95
19) n-Nitroso-di-n-propyla...	7.251	70	271313	39.653	ng	98
20) 3+4-Methylphenols	7.239	107	381983	42.150	ng	92
22) Acetophenone	7.245	105	517151	42.730	ng	# 96
24) Nitrobenzene	7.416	77	399597	47.646	ng	98
25) Isophorone	7.657	82	758679	41.357	ng	98
26) 2-Nitrophenol	7.733	139	162979	42.961	ng	99
27) 2,4-Dimethylphenol	7.769	122	339847	43.541	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	442696	41.617	ng	99
29) 2,4-Dichlorophenol	7.975	162	311475	44.355	ng	96
30) 1,2,4-Trichlorobenzene	8.057	180	329397	43.367	ng	98
31) Naphthalene	8.139	128	1077148	42.276	ng	99
32) Benzoic acid	7.886	122	203481	40.867	ng	97
33) 4-Chloroaniline	8.186	127	226616	20.752	ng	96
34) Hexachlorobutadiene	8.257	225	192301	41.621	ng	99
35) Caprolactam	8.563	113	73086	31.735	ng	96
36) 4-Chloro-3-methylphenol	8.663	107	349054	44.374	ng	98
37) 2-Methylnaphthalene	8.833	142	707167	40.650	ng	98
38) 1-Methylnaphthalene	8.933	142	664731	40.991	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	314016	40.747	ng	99
41) Hexachlorocyclopentadiene	8.986	237	375630	95.115	ng	99
43) 2,4,6-Trichlorophenol	9.104	196	223052	45.233	ng	95

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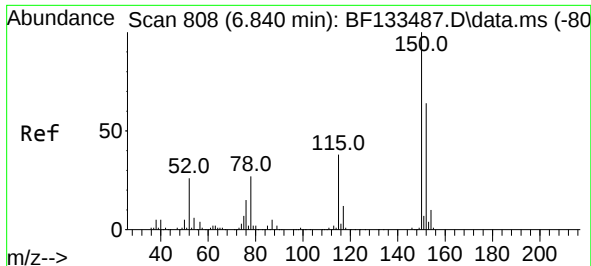
Quant Time: May 30 19:05:37 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	241065	42.117	ng	97
46) 1,1'-Biphenyl	9.298	154	885633	41.924	ng	98
47) 2-Chloronaphthalene	9.322	162	647983	42.324	ng	99
48) 2-Nitroaniline	9.416	65	206247	42.461	ng	99
49) Acenaphthylene	9.739	152	1102318	42.191	ng	100
50) Dimethylphthalate	9.598	163	765027	41.863	ng	99
51) 2,6-Dinitrotoluene	9.657	165	155123	44.902	ng	96
52) Acenaphthene	9.910	154	723281	45.701	ng	99
53) 3-Nitroaniline	9.827	138	140197	33.233	ng #	91
54) 2,4-Dinitrophenol	9.933	184	141347	80.152	ng	97
55) Dibenzofuran	10.080	168	982368	41.721	ng	99
56) 4-Nitrophenol	9.986	139	298432	95.450	ng	100
57) 2,4-Dinitrotoluene	10.063	165	204537	47.486	ng	91
58) Fluorene	10.427	166	717874	41.613	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	201299	46.698	ng	99
60) Diethylphthalate	10.304	149	787850	41.530	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	337500	40.745	ng	97
62) 4-Nitroaniline	10.445	138	192016	44.010	ng	97
63) Azobenzene	10.580	77	787037	41.445	ng	100
65) 4,6-Dinitro-2-methylph...	10.469	198	91485	44.647	ng	85
66) n-Nitrosodiphenylamine	10.539	169	671169	40.572	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	222512	41.119	ng	92
68) Hexachlorobenzene	10.969	284	243730	43.070	ng	98
69) Atrazine	11.069	200	218610	48.163	ng	95
70) Pentachlorophenol	11.163	266	271199	80.149	ng	99
71) Phenanthrene	11.386	178	1069937	41.457	ng	100
72) Anthracene	11.439	178	1099100	41.379	ng	100
73) Carbazole	11.592	167	1068602	42.540	ng	100
74) Di-n-butylphthalate	11.927	149	1235488	41.594	ng	100
75) Fluoranthene	12.574	202	1181734	41.454	ng	100
77) Benzidine	12.698	184	783755	74.069	ng	99
78) Pyrene	12.804	202	1215855	39.493	ng	100
80) Butylbenzylphthalate	13.427	149	512285	42.057	ng	98
81) Benzo(a)anthracene	13.992	228	967260	40.134	ng	100
82) 3,3'-Dichlorobenzidine	13.957	252	228487	30.327	ng	99
83) Chrysene	14.033	228	985249	40.495	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	620431	40.749	ng	99
85) Di-n-octyl phthalate	14.604	149	1160781	45.765	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	859812	40.872	ng	100
88) Benzo(b)fluoranthene	15.039	252	923916	42.962	ng	99
89) Benzo(k)fluoranthene	15.068	252	888149	42.355	ng	100
90) Benzo(a)pyrene	15.404	252	761889	38.934	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	690340	40.475	ng	99
92) Benzo(g,h,i)perylene	17.356	276	710121	41.291	ng	99

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

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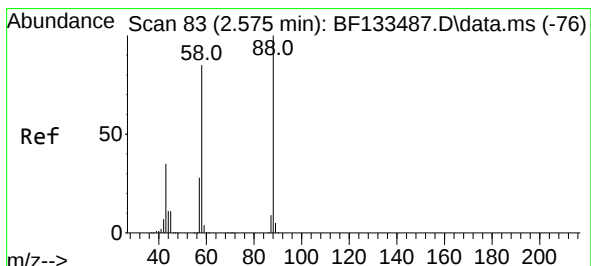
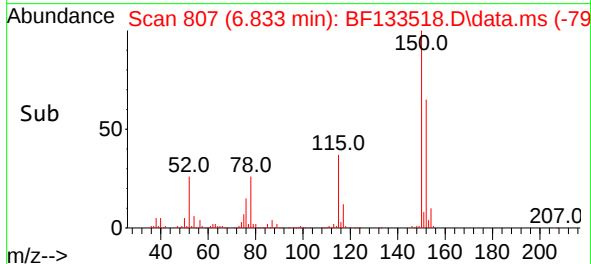
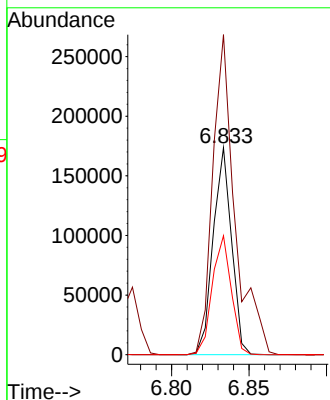
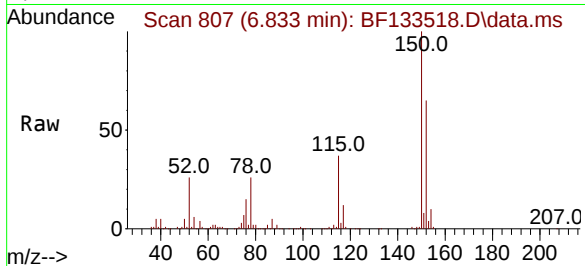




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.833 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF133518.D
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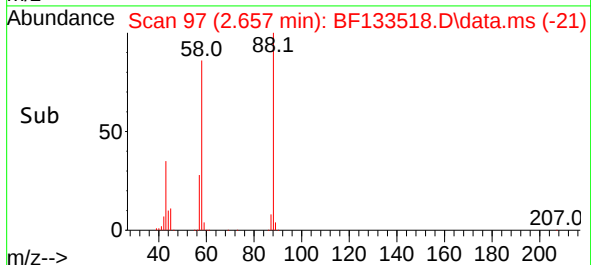
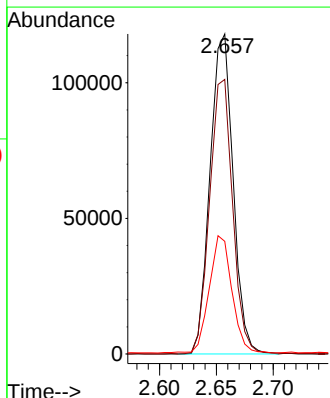
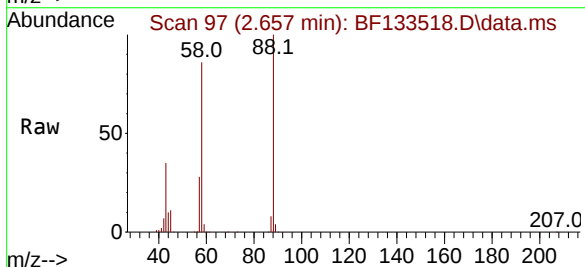
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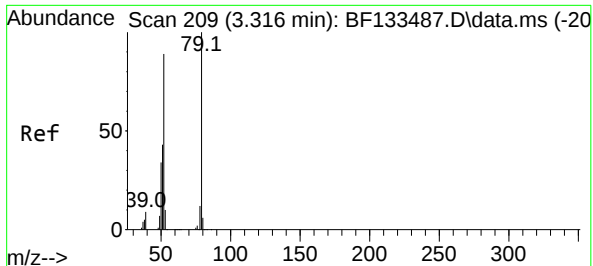
Tgt Ion:152 Resp: 143330
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.9 187.3
 115 57.4 48.1 72.1



#2
 1,4-Dioxane
 Concen: 42.945 ng
 RT: 2.657 min Scan# 97
 Delta R.T. 0.100 min
 Lab File: BF133518.D
 Acq: 30 May 2023 12:59

Tgt Ion: 88 Resp: 166615
 Ion Ratio Lower Upper
 88 100
 58 86.2 67.7 101.5
 43 36.1 28.2 42.4

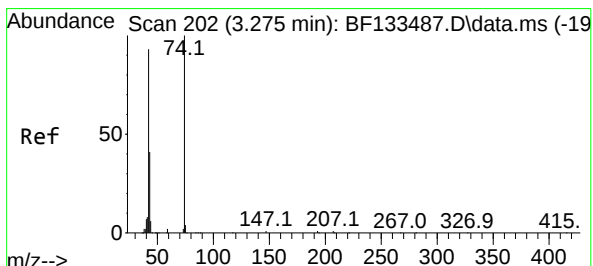
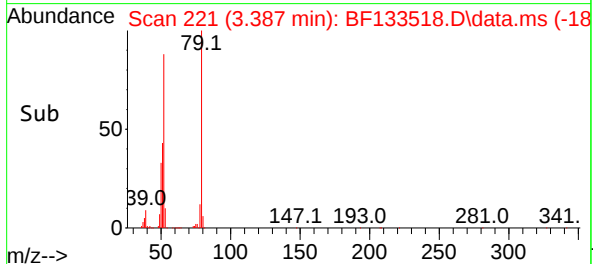
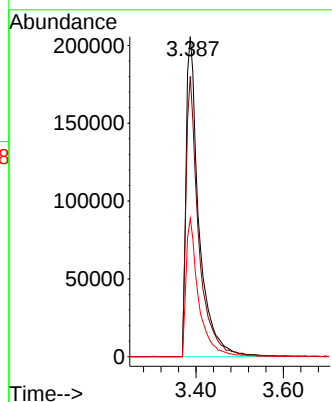
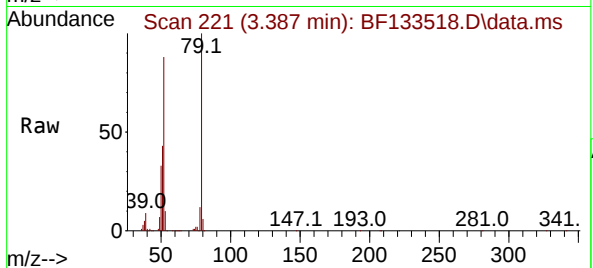




#3
Pyridine
Concen: 38.360 ng
RT: 3.387 min Scan# 210
Delta R.T. 0.088 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

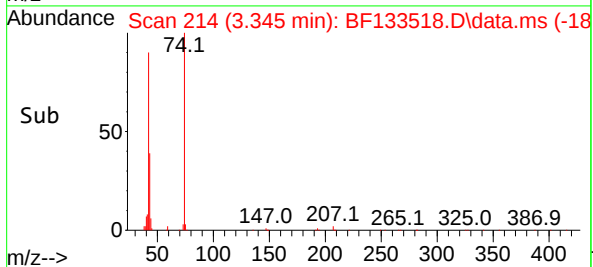
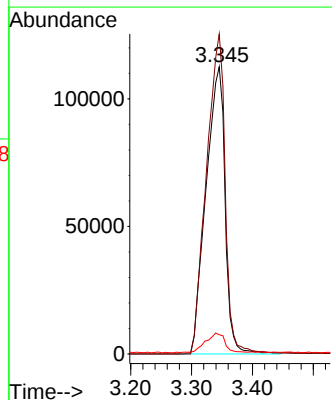
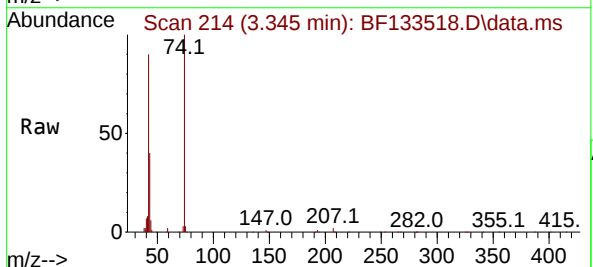
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ClientSampleId :
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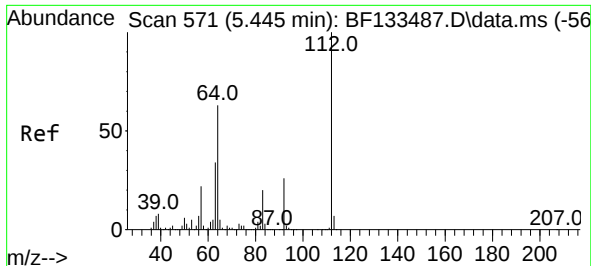
Tgt Ion: 79 Resp: 417297
Ion Ratio Lower Upper
79 100
52 87.6 71.3 106.9
51 43.2 34.4 51.6



#4
n-Nitrosodimethylamine
Concen: 41.327 ng
RT: 3.345 min Scan# 214
Delta R.T. 0.088 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion: 42 Resp: 245178
Ion Ratio Lower Upper
42 100
74 111.4 85.7 128.5
44 6.7 5.6 8.4

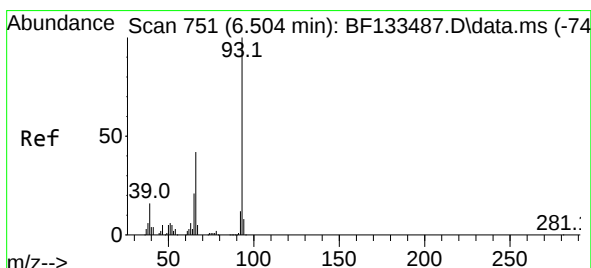
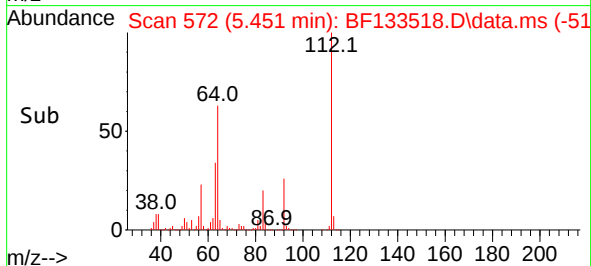
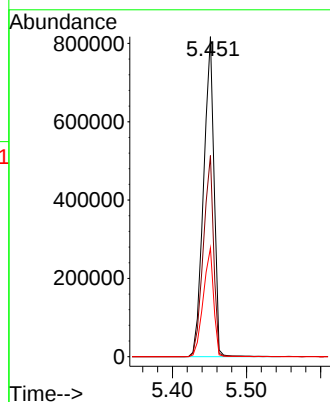
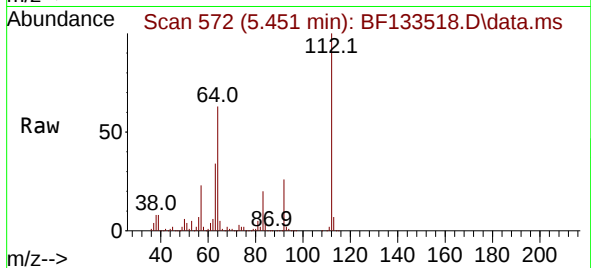




#5
2-Fluorophenol
Concen: 93.406 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

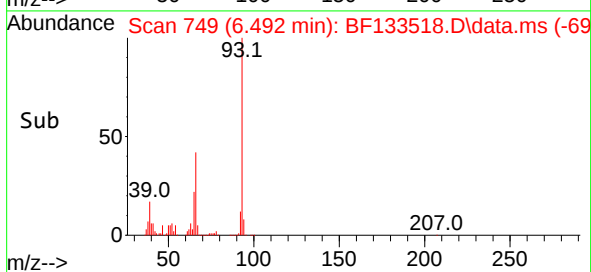
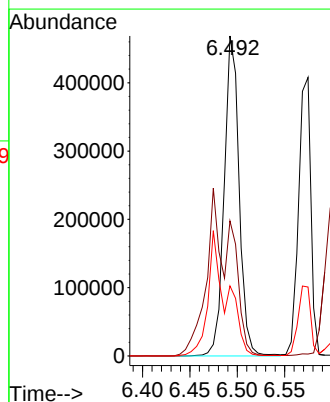
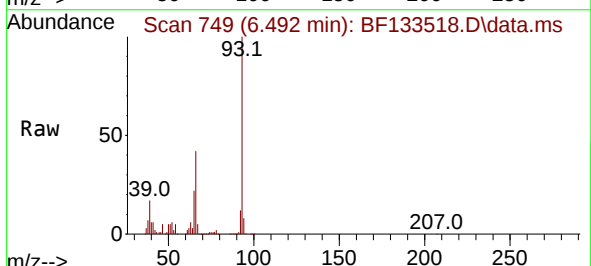
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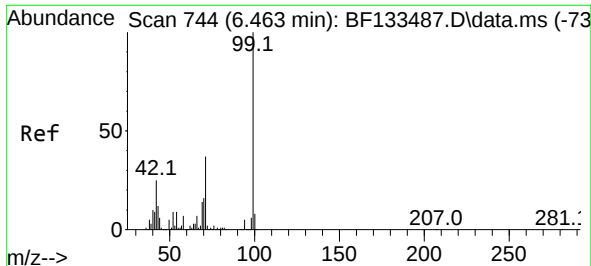
Tgt Ion:112 Resp: 802412
Ion Ratio Lower Upper
112 100
64 62.8 50.1 75.1
63 34.0 27.5 41.3



#6
Aniline
Concen: 35.867 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion: 93 Resp: 514992
Ion Ratio Lower Upper
93 100
66 42.2 33.9 50.9
65 21.9 17.2 25.8

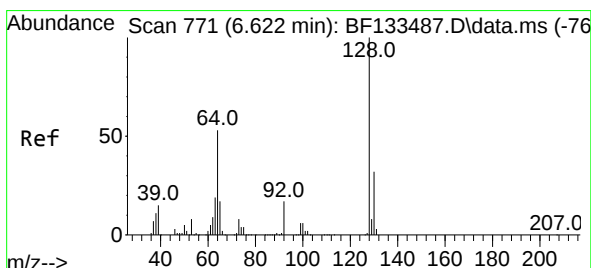
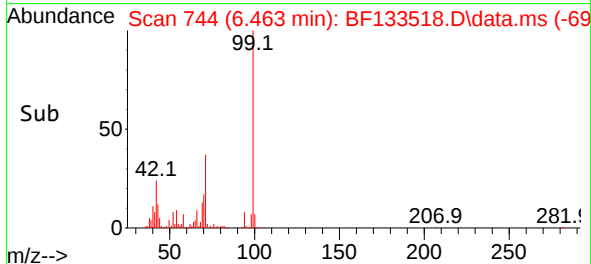
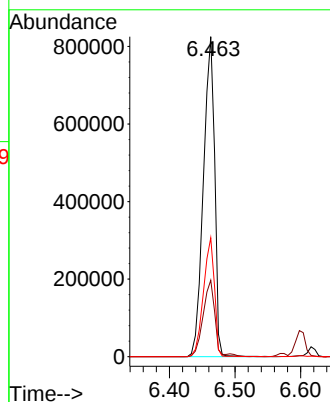
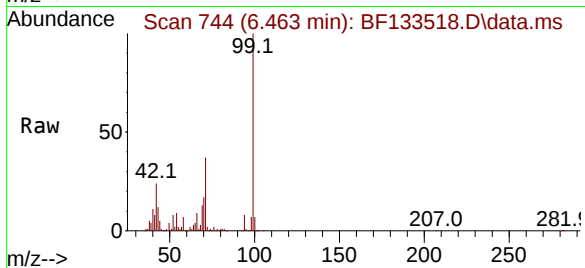




#7
Phenol-d6
Concen: 93.410 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

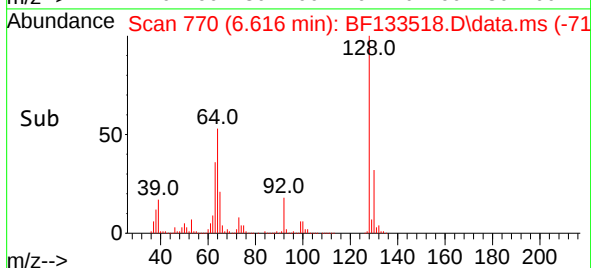
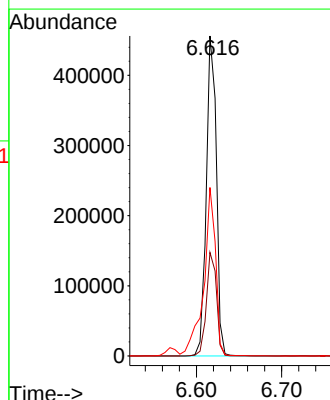
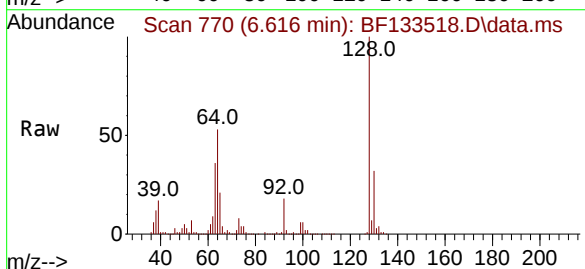
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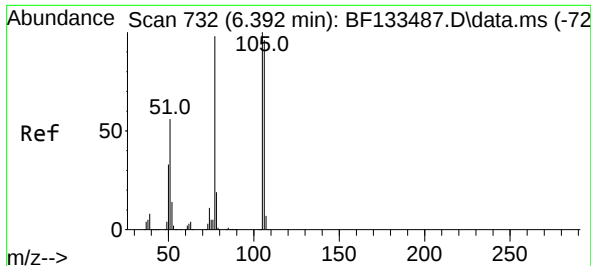
Tgt Ion: 99 Resp: 987813
Ion Ratio Lower Upper
99 100
42 23.9 19.7 29.5
71 37.2 29.8 44.8



#8
2-Chlorophenol
Concen: 44.108 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion: 128 Resp: 373357
Ion Ratio Lower Upper
128 100
130 32.3 12.4 52.4
64 52.7 33.3 73.3





#9

Benzaldehyde

Concen: 47.029 ng

RT: 6.381 min Scan# 710

Delta R.T. -0.006 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

Instrument :

BNA_F

ClientSampleId :

PB153070BS

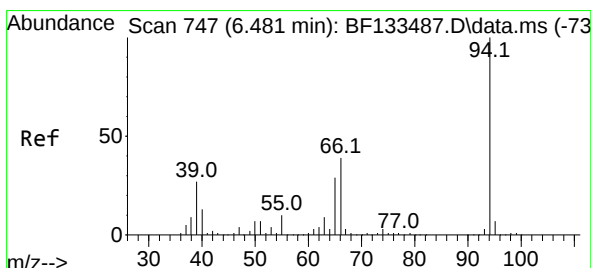
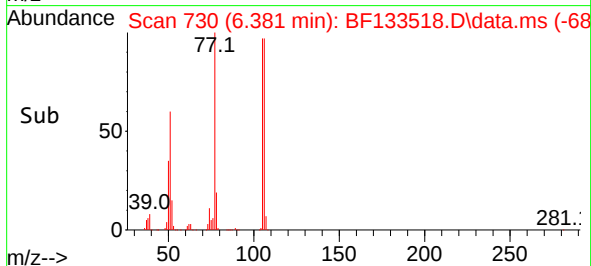
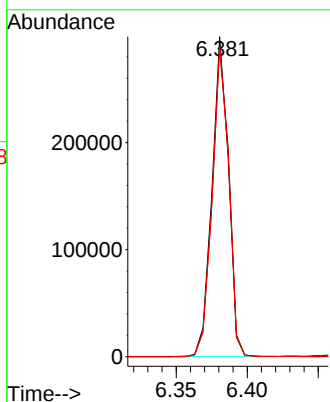
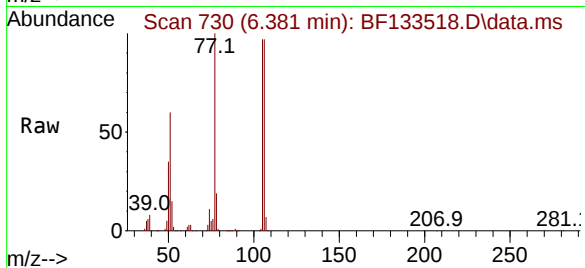
Tgt Ion: 77 Resp: 239834

Ion Ratio Lower Upper

77 100

105 97.2 81.9 121.9

106 96.5 77.8 117.8



#10

Phenol

Concen: 45.961 ng

RT: 6.475 min Scan# 746

Delta R.T. -0.000 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

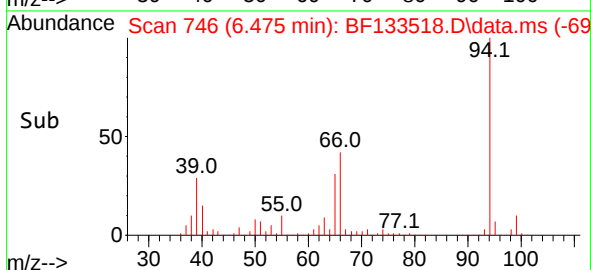
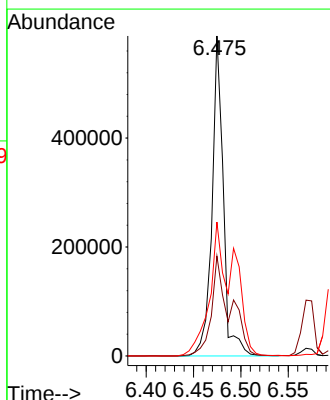
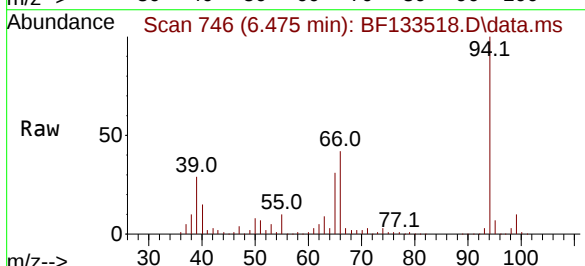
Tgt Ion: 94 Resp: 487586

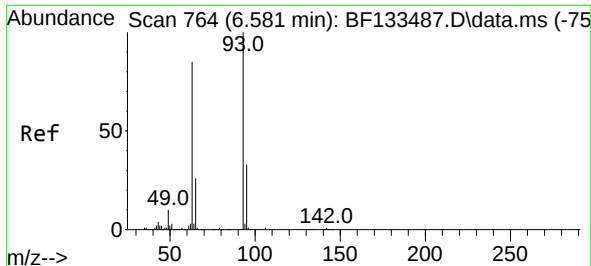
Ion Ratio Lower Upper

94 100

65 31.2 9.1 49.1

66 41.8 18.9 58.9

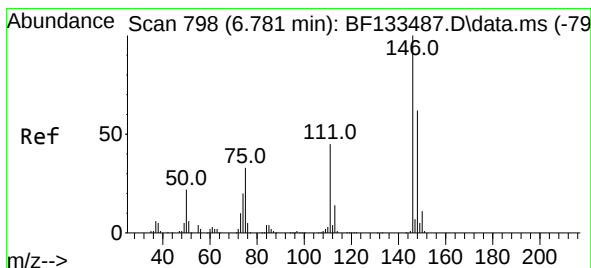
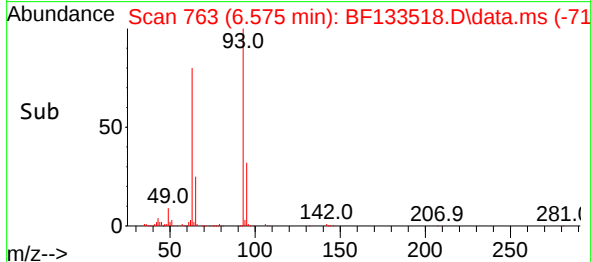
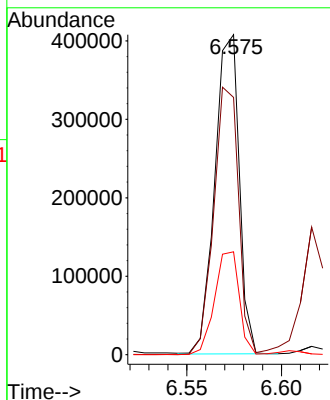
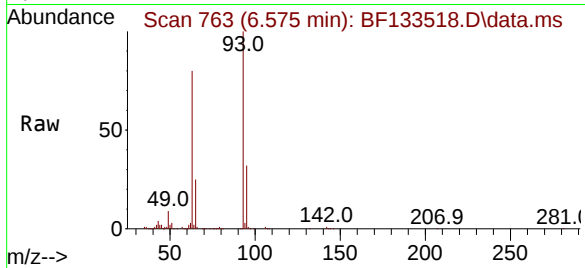




#11
bis(2-Chloroethyl)ether
Concen: 41.614 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

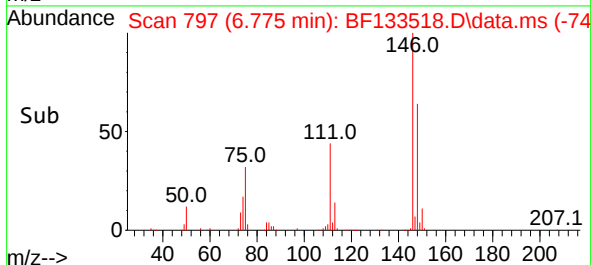
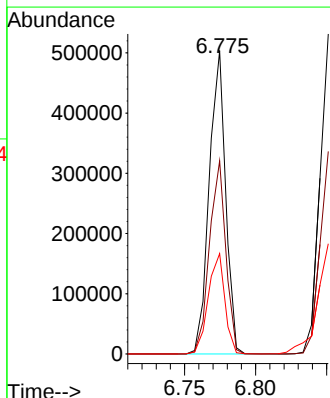
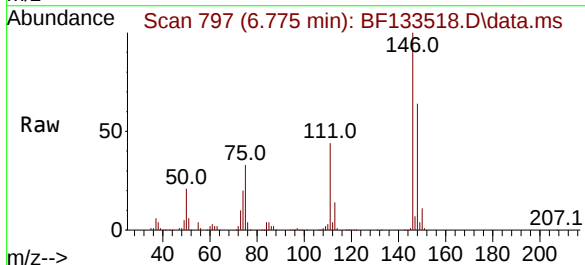
Instrument :
BNA_F
ClientSampleId :
PB153070BS

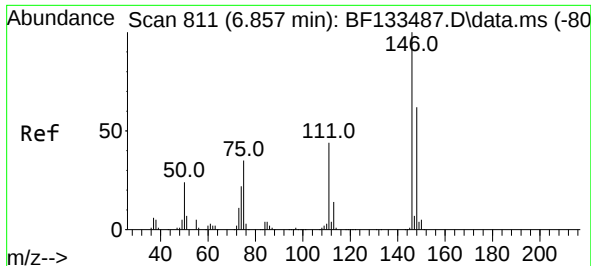
Tgt Ion: 93 Resp: 365002
Ion Ratio Lower Upper
93 100
63 80.4 64.5 104.5
95 32.1 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 43.146 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion:146 Resp: 405457
Ion Ratio Lower Upper
146 100
148 63.7 49.9 74.9
75 33.1 26.7 40.1

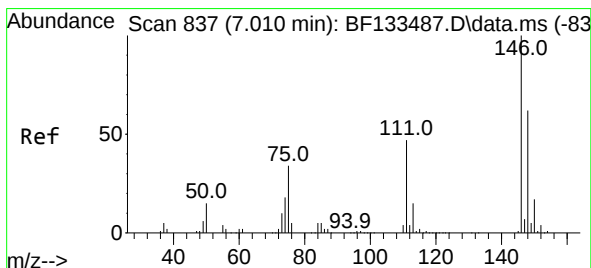
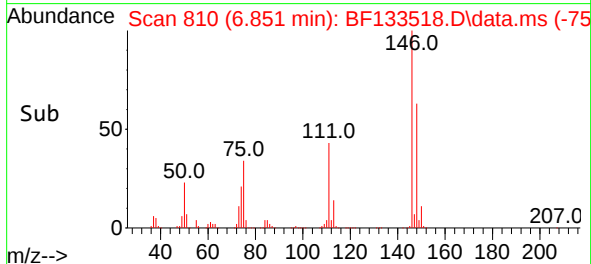
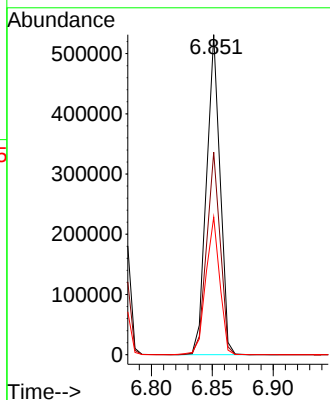
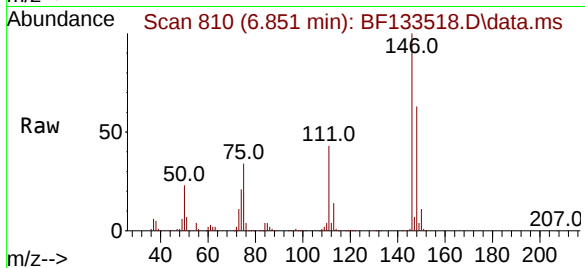




#13
1,4-Dichlorobenzene
Concen: 43.640 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

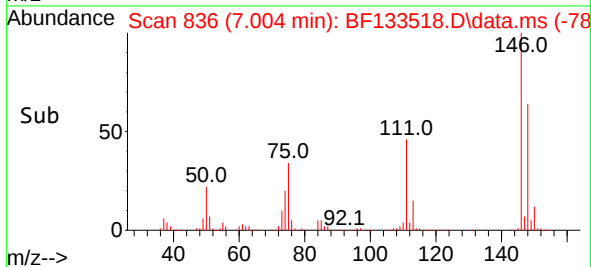
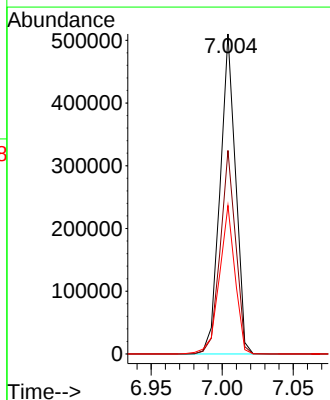
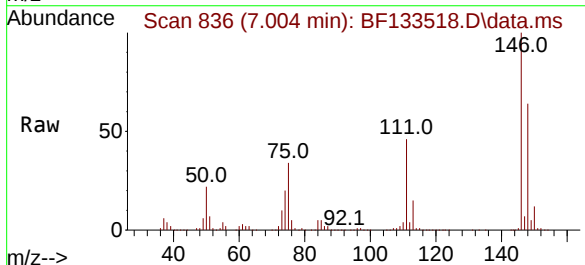
Instrument :
BNA_F
ClientSampleId :
PB153070BS

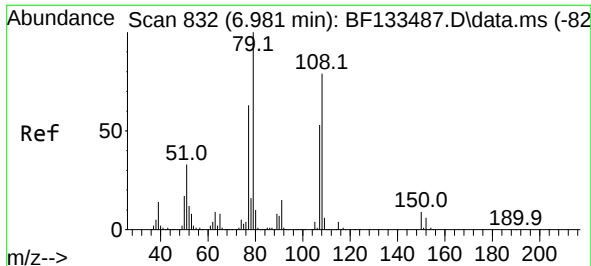
Tgt Ion:146 Resp: 411144
Ion Ratio Lower Upper
146 100
148 63.3 49.8 74.6
111 43.0 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 44.307 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion:146 Resp: 385206
Ion Ratio Lower Upper
146 100
148 63.6 49.8 74.6
111 46.4 37.4 56.2

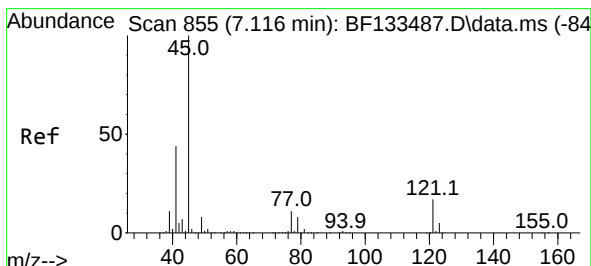
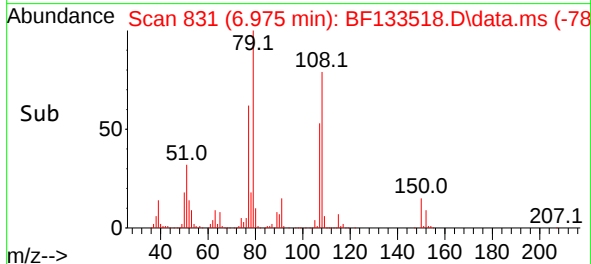
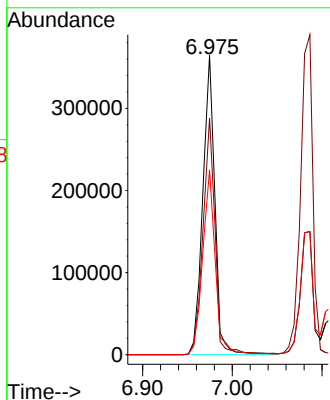
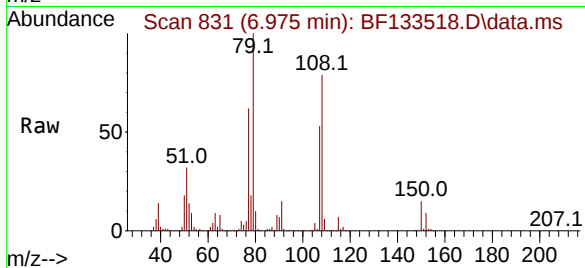




#15
Benzyl Alcohol
Concen: 42.561 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

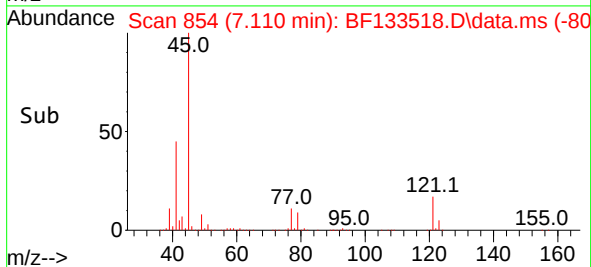
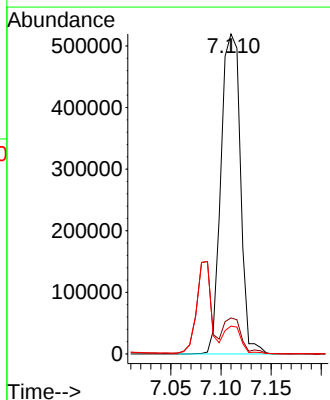
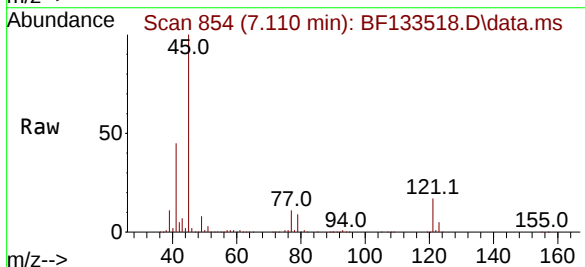
Instrument :
BNA_F
ClientSampleId :
PB153070BS

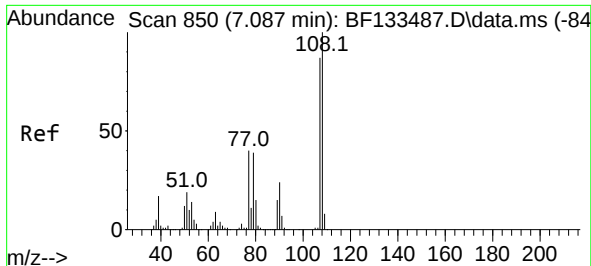
Tgt Ion: 79 Resp: 341704
Ion Ratio Lower Upper
79 100
108 79.0 63.2 94.8
77 61.7 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.974 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

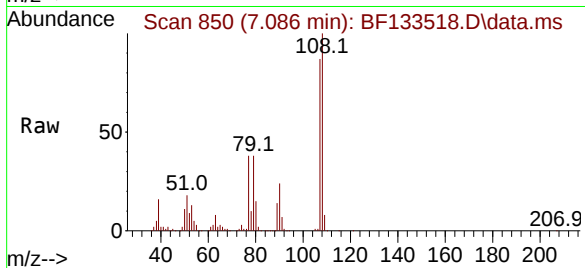
Tgt Ion: 45 Resp: 698259
Ion Ratio Lower Upper
45 100
77 11.2 0.0 30.8
79 8.7 0.0 28.2



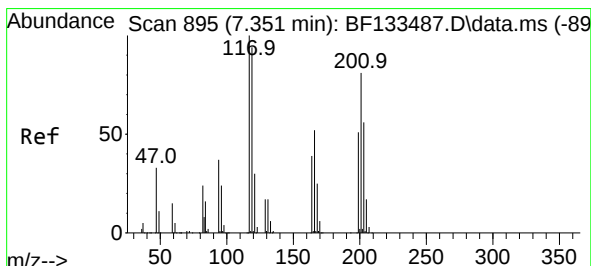
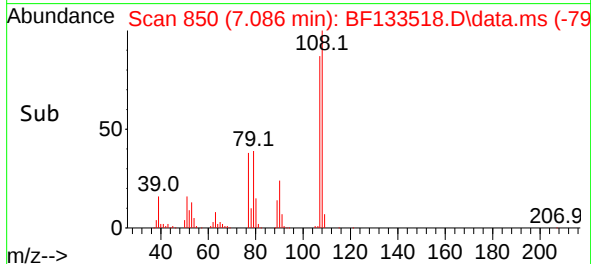
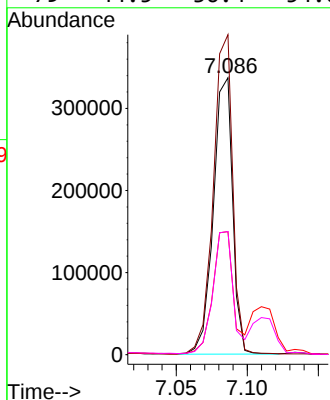


#17
2-Methylphenol
Concen: 39.763 ng
RT: 7.086 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Instrument :
BNA_F
ClientSampleId :
PB153070BS

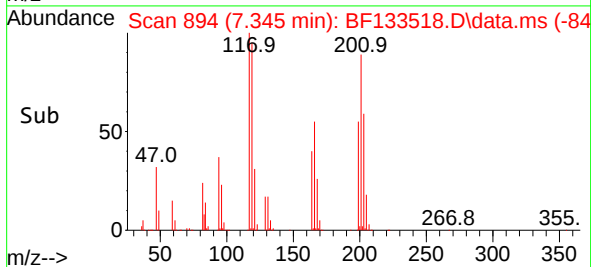
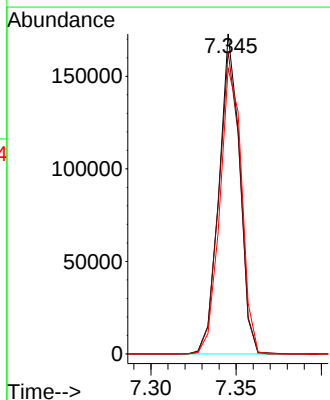
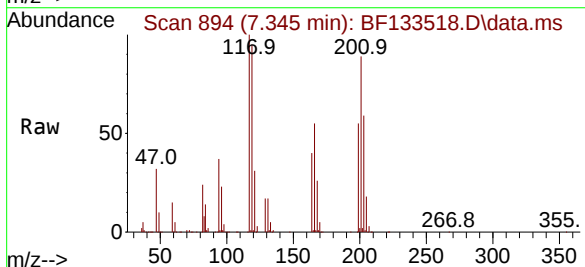


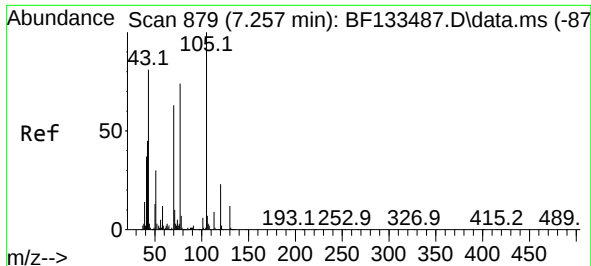
Tgt Ion:	107	Resp:	318736
Ion	Ratio	Lower	Upper
107	100		
108	115.5	92.2	138.4
77	44.4	37.1	55.7
79	44.5	36.4	54.6



#18
Hexachloroethane
Concen: 44.697 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion:	117	Resp:	145611
Ion	Ratio	Lower	Upper
117	100		
119	94.7	74.9	112.3
201	89.3	64.8	97.2

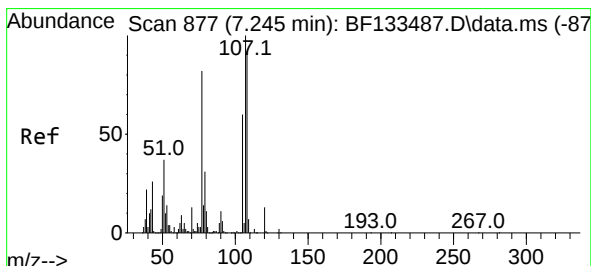
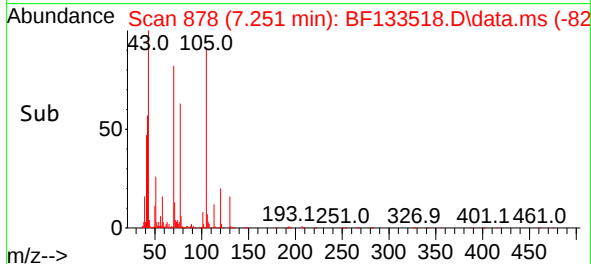
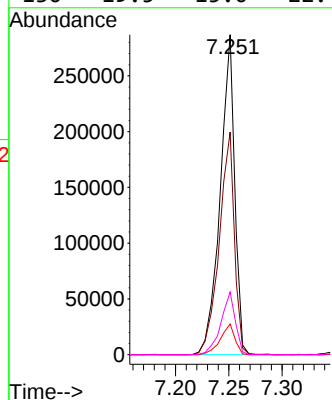
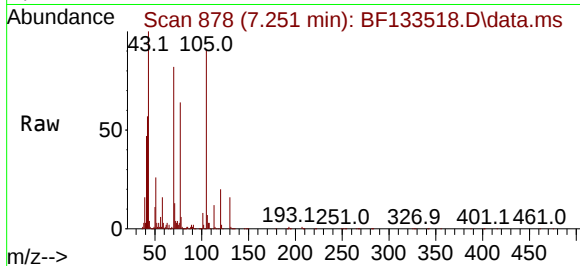




#19
n-Nitroso-di-n-propylamine
Concen: 39.653 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

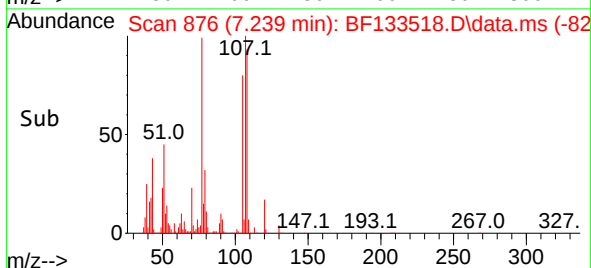
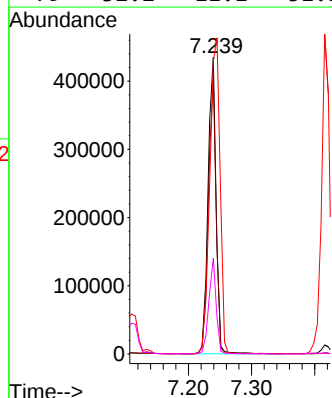
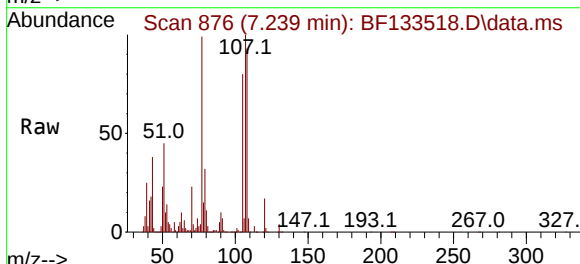
Instrument :
BNA_F
ClientSampleId :
PB153070BS

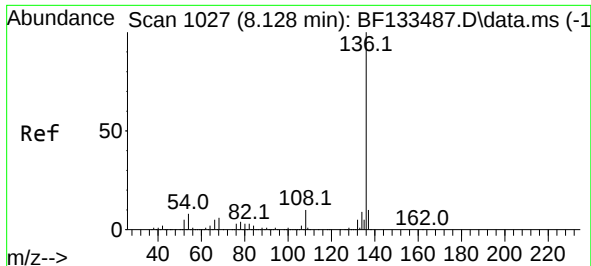
Tgt Ion: 70 Resp: 271313
Ion Ratio Lower Upper
70 100
42 69.6 57.2 85.8
101 9.6 7.3 10.9
130 19.5 15.0 22.4



#20
3+4-Methylphenols
Concen: 42.150 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion: 107 Resp: 381983
Ion Ratio Lower Upper
107 100
108 92.9 72.0 112.0
77 98.5 61.9 101.9
79 32.2 11.1 51.1

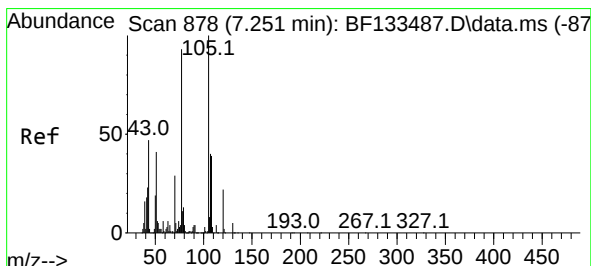
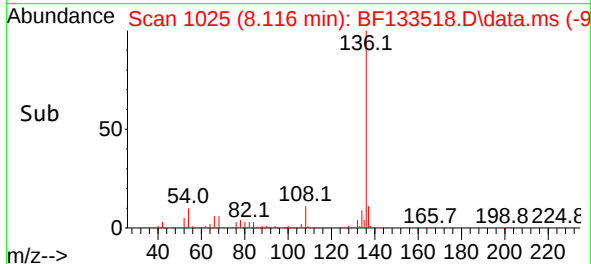
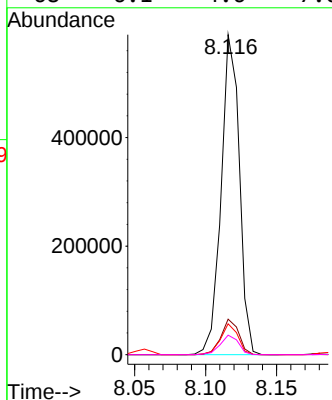
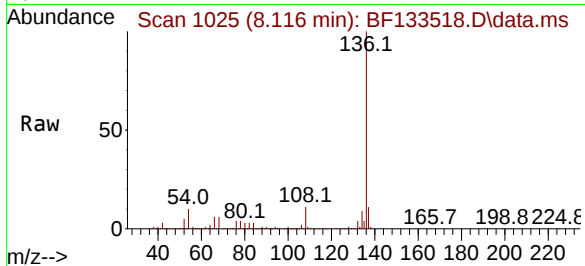




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

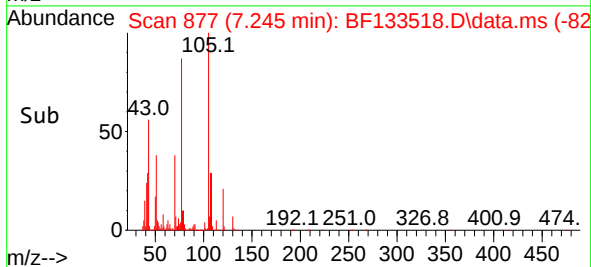
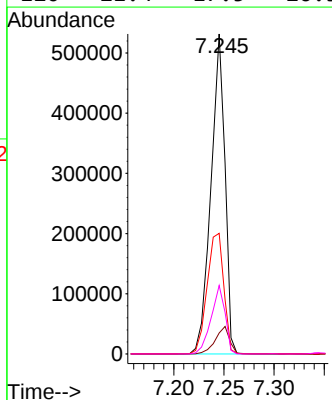
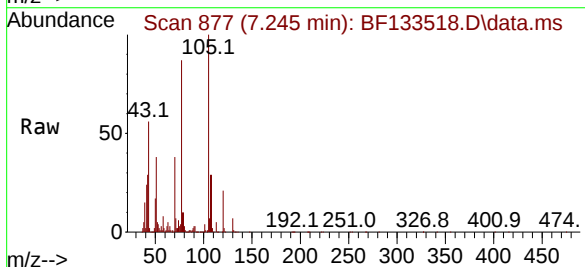
Instrument :
BNA_F
ClientSampleId :
PB153070BS

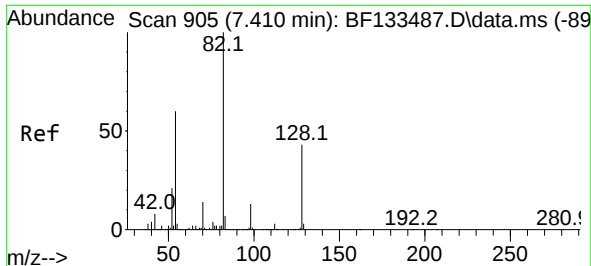
Tgt Ion:	136	Resp:	525547
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	9.7	6.6	10.0
68	6.1	4.6	7.0



#22
Acetophenone
Concen: 42.730 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion:	105	Resp:	517151
Ion	Ratio	Lower	Upper
105	100		
71	6.6	3.8	5.8
51	37.7	32.6	49.0
120	21.4	17.5	26.3





#23

Nitrobenzene-d5

Concen: 74.975 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

Instrument :

BNA_F

ClientSampleId :

PB153070BS

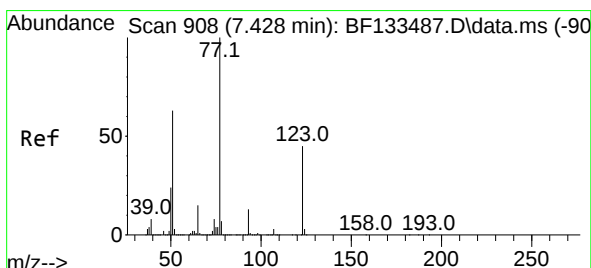
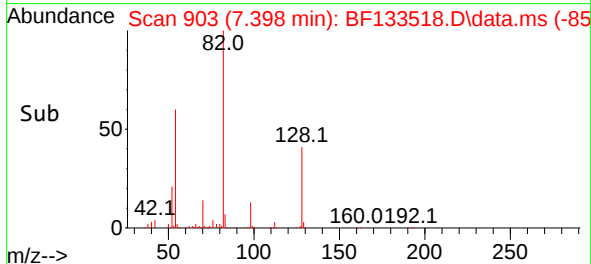
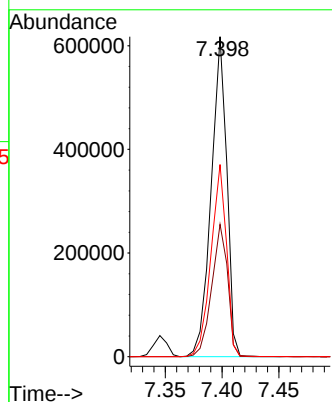
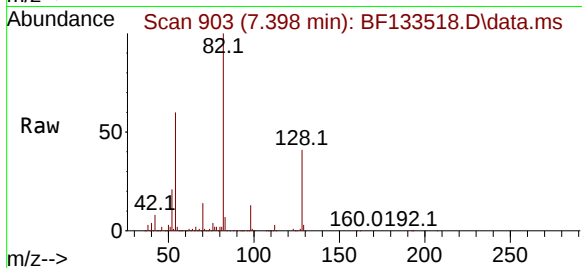
Tgt Ion: 82 Resp: 590140

Ion Ratio Lower Upper

82 100

128 41.3 34.2 51.4

54 60.1 48.2 72.4



#24

Nitrobenzene

Concen: 47.646 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

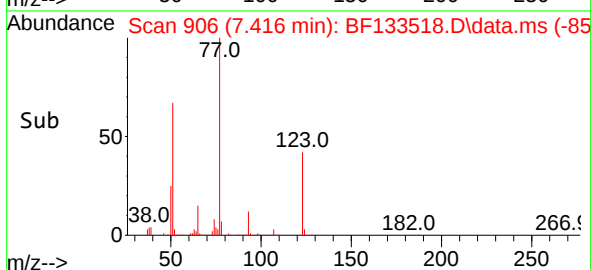
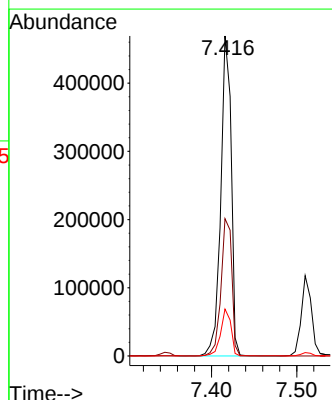
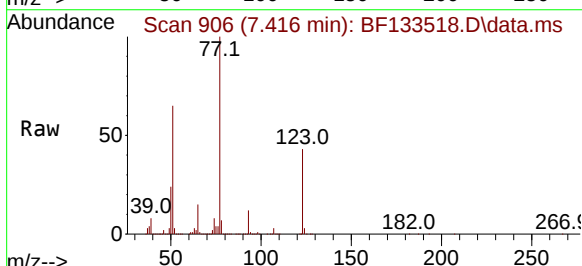
Tgt Ion: 77 Resp: 399597

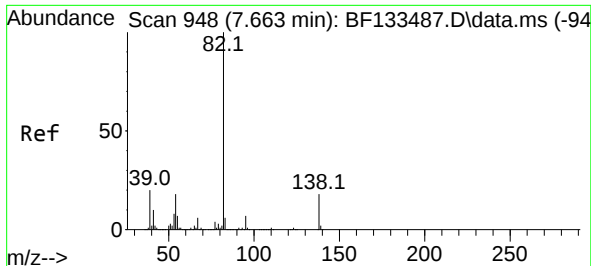
Ion Ratio Lower Upper

77 100

123 42.9 35.8 53.8

65 14.6 11.8 17.8

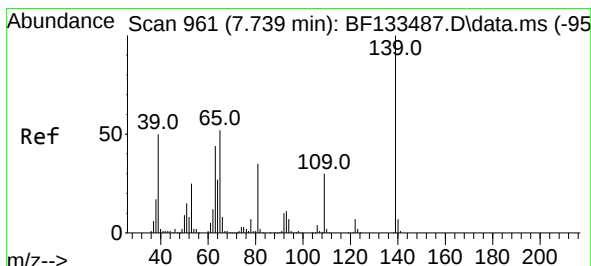
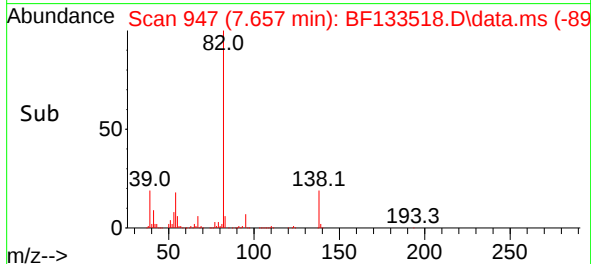
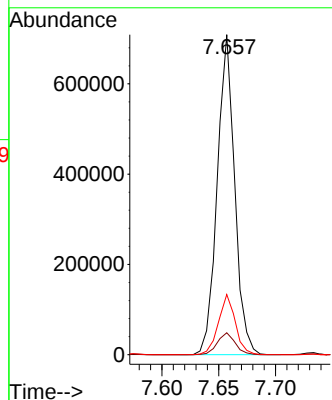
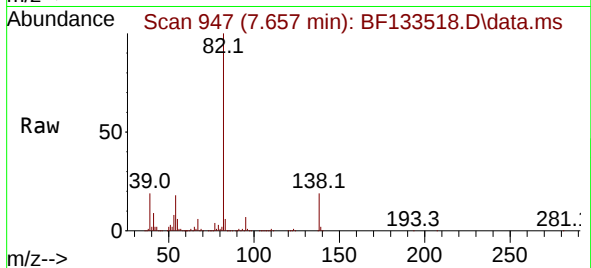




#25
Isophorone
Concen: 41.357 ng
RT: 7.657 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

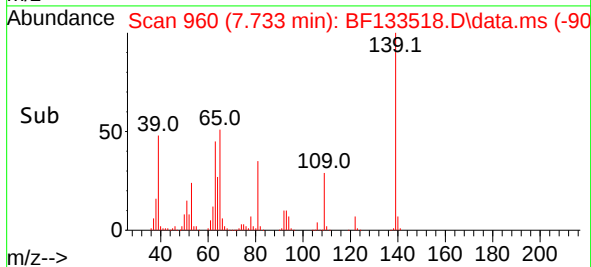
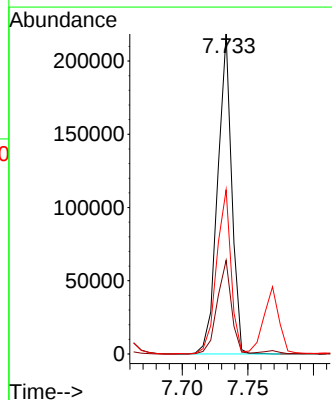
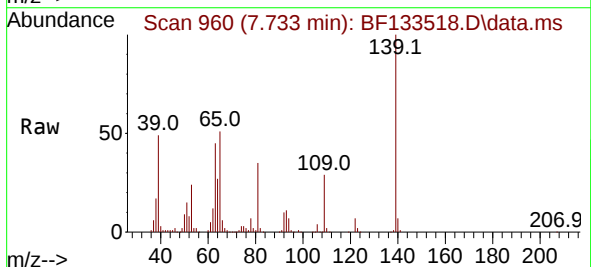
Instrument :
BNA_F
ClientSampleId :
PB153070BS

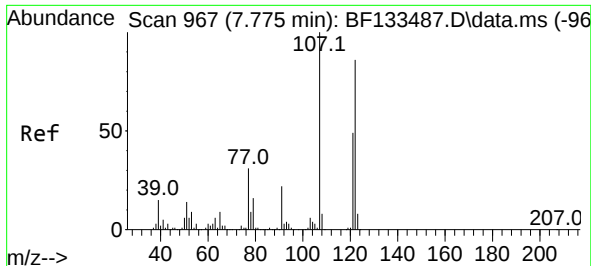
Tgt Ion: 82 Resp: 758679
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 18.8 14.2 21.4



#26
2-Nitrophenol
Concen: 42.961 ng
RT: 7.733 min Scan# 960
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion: 139 Resp: 162979
Ion Ratio Lower Upper
139 100
109 29.3 24.0 36.0
65 51.3 41.7 62.5

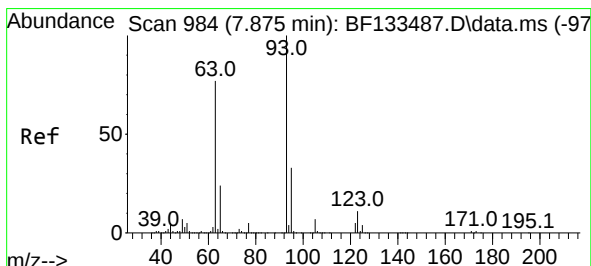
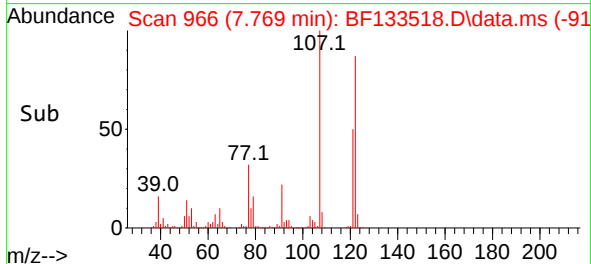
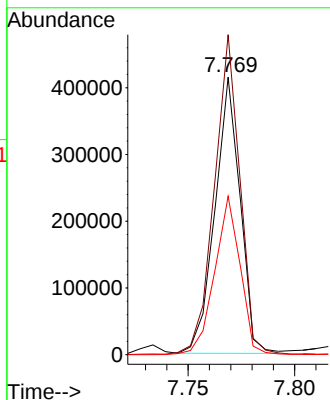
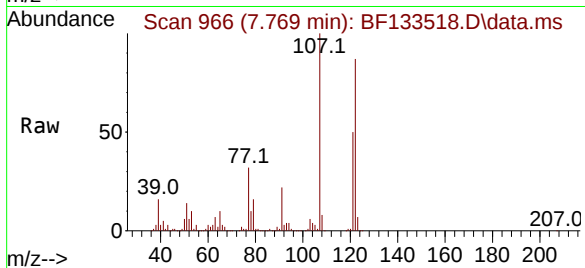




#27
2,4-Dimethylphenol
Concen: 43.541 ng
RT: 7.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

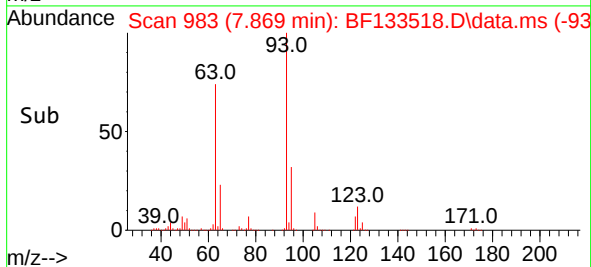
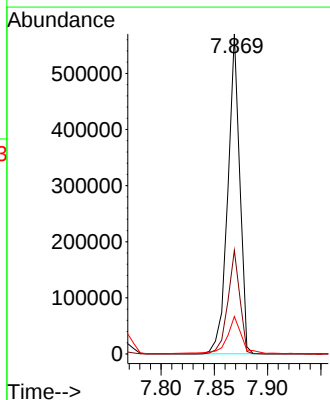
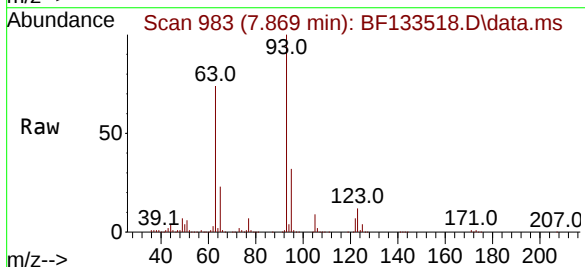
Instrument :
BNA_F
ClientSampleId :
PB153070BS

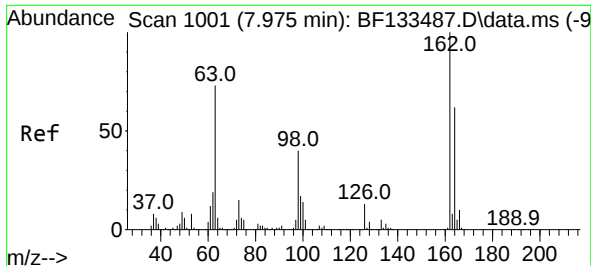
Tgt Ion:122 Resp: 339847
Ion Ratio Lower Upper
122 100
107 115.3 93.4 140.0
121 57.1 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.617 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion: 93 Resp: 442696
Ion Ratio Lower Upper
93 100
95 32.4 26.8 40.2
123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 44.355 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.000 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

Instrument :

BNA_F

ClientSampleId :

PB153070BS

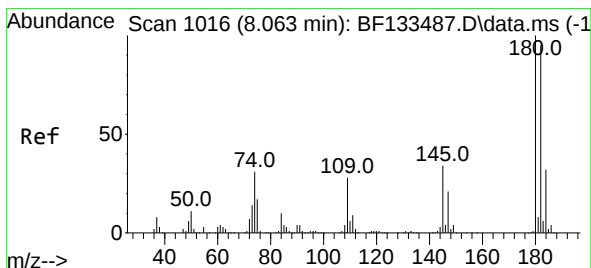
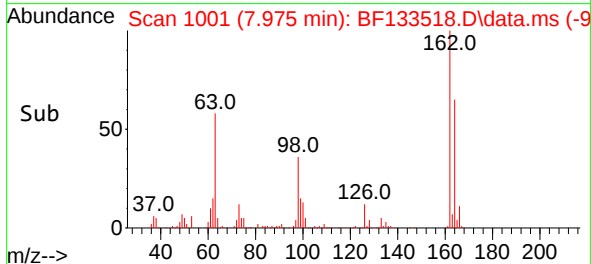
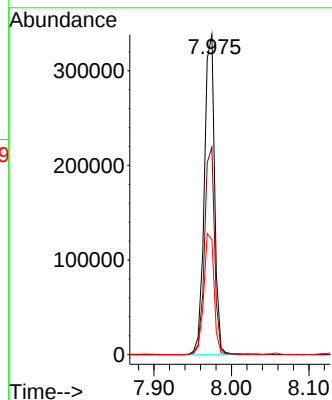
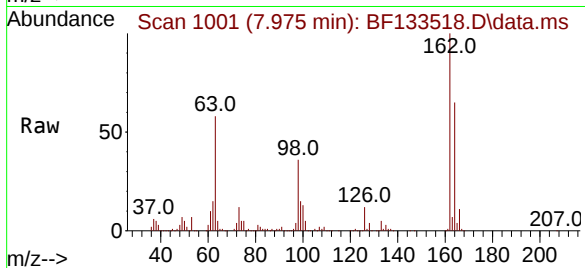
Tgt Ion:162 Resp: 311475

Ion Ratio Lower Upper

162 100

164 64.8 42.2 82.2

98 36.0 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 43.367 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.000 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

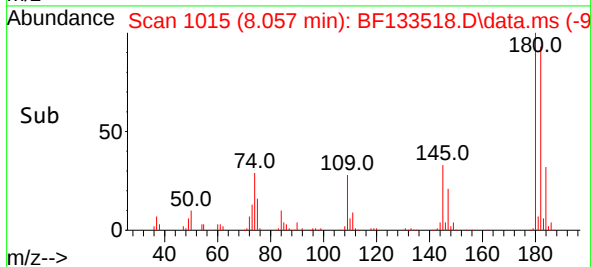
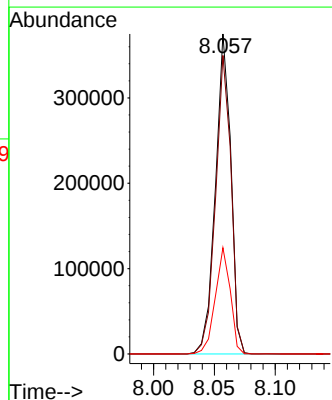
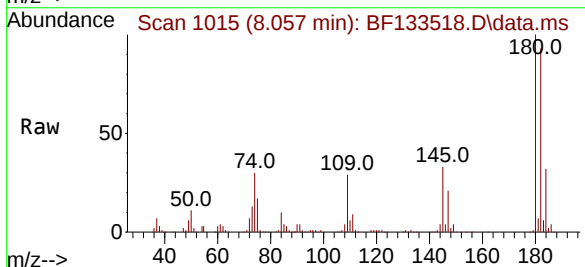
Tgt Ion:180 Resp: 329397

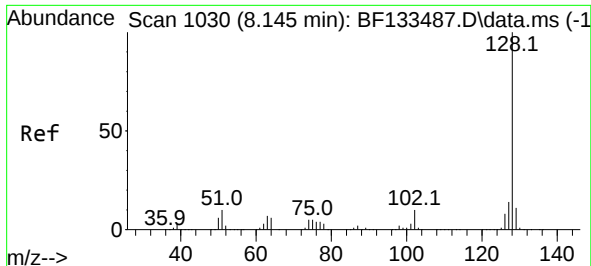
Ion Ratio Lower Upper

180 100

182 93.3 76.1 114.1

145 33.2 27.0 40.4

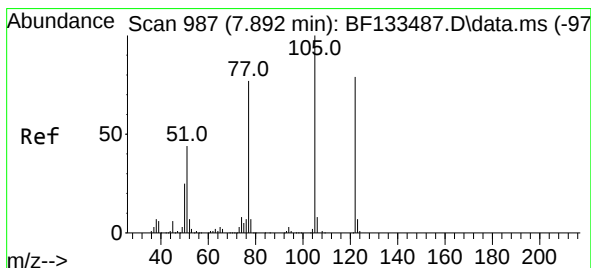
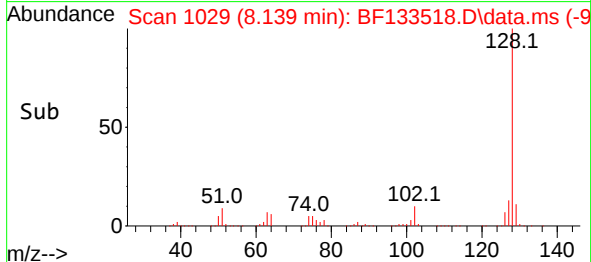
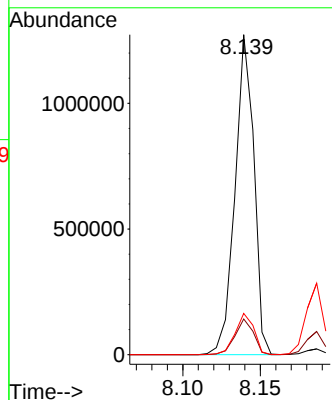
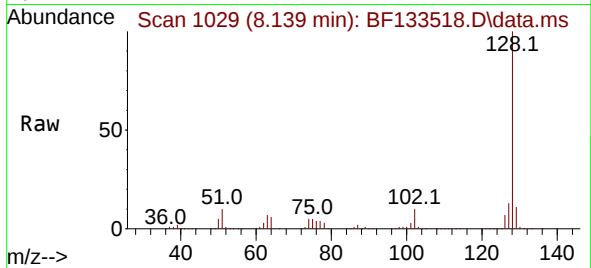




#31
Naphthalene
Concen: 42.276 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

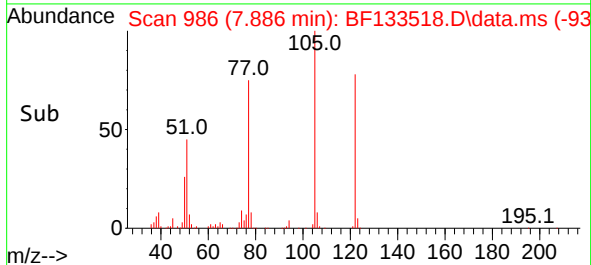
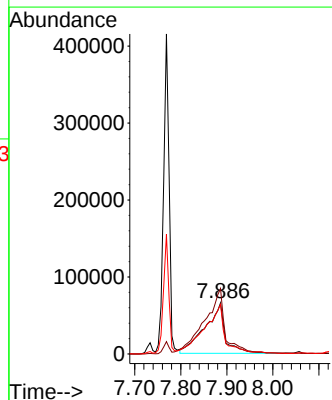
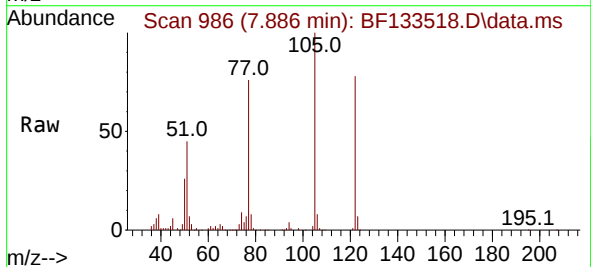
Instrument :
BNA_F
ClientSampleId :
PB153070BS

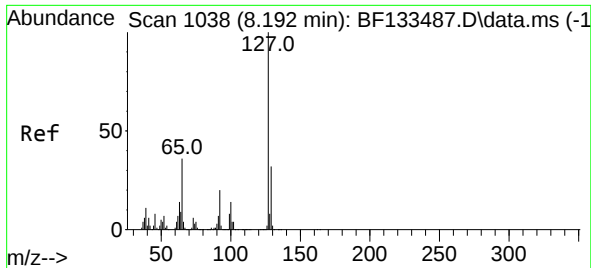
Tgt Ion:128 Resp: 1077148
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 12.9 10.9 16.3



#32
Benzoic acid
Concen: 40.867 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion:122 Resp: 203481
Ion Ratio Lower Upper
122 100
105 128.2 103.3 143.3
77 97.0 75.7 115.7

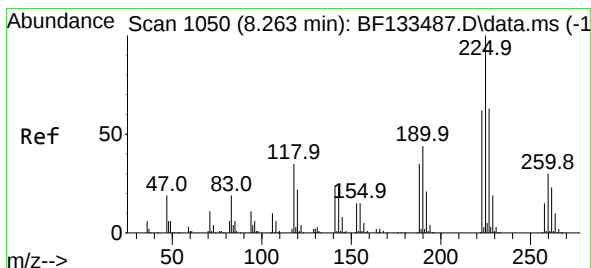
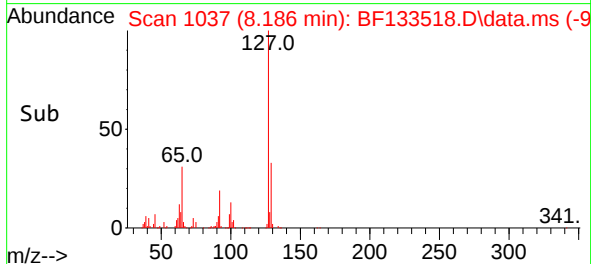
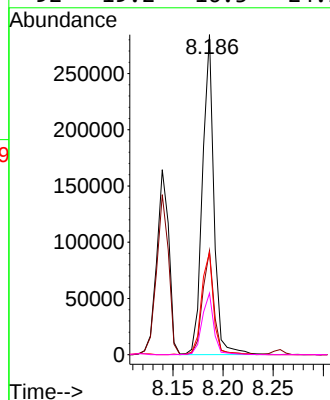
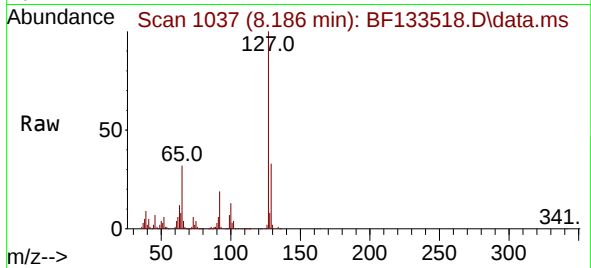




#33
4-Chloroaniline
Concen: 20.752 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

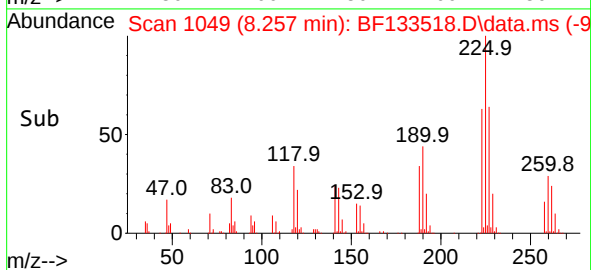
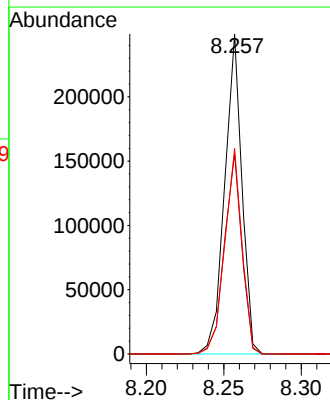
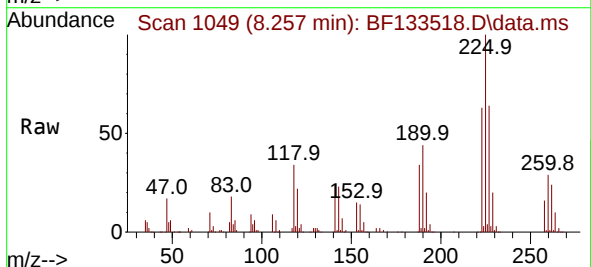
Instrument :
BNA_F
ClientSampleId :
PB153070BS

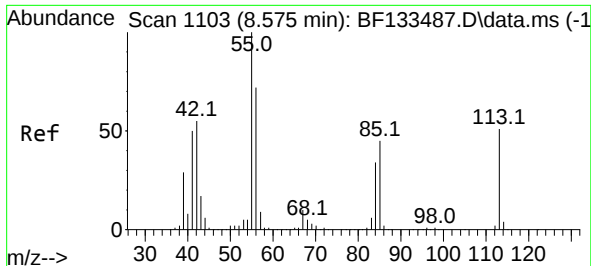
Tgt Ion:127	Resp: 226616
Ion Ratio	Lower Upper
127 100	
129 32.5	25.9 38.9
65 32.0	29.0 43.6
92 19.2	16.3 24.5



#34
Hexachlorobutadiene
Concen: 41.621 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion:225	Resp: 192301
Ion Ratio	Lower Upper
225 100	
223 62.6	49.8 74.8
227 64.2	50.2 75.4

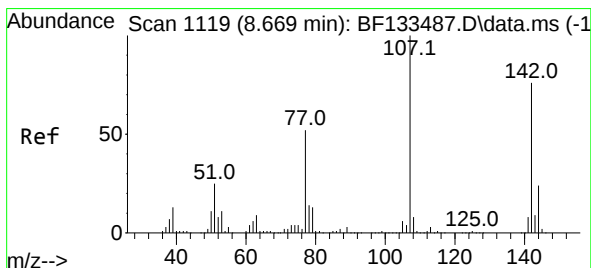
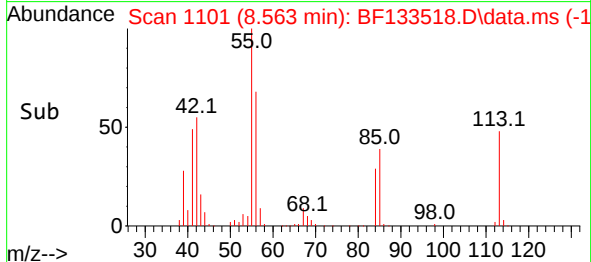
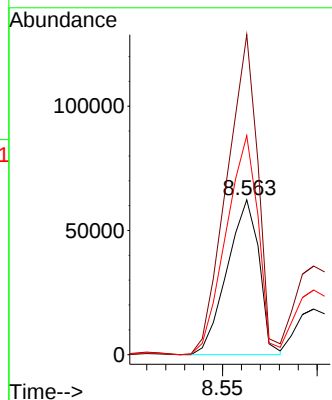
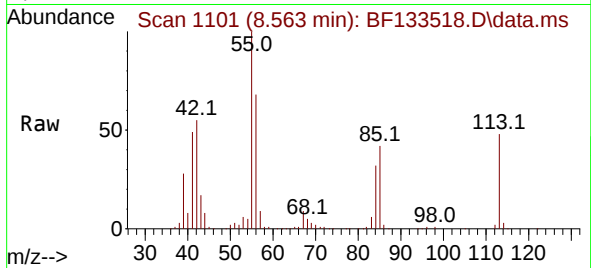




#35
 Caprolactam
 Concen: 31.735 ng
 RT: 8.563 min Scan# 1103
 Delta R.T. -0.000 min
 Lab File: BF133518.D
 Acq: 30 May 2023 12:59

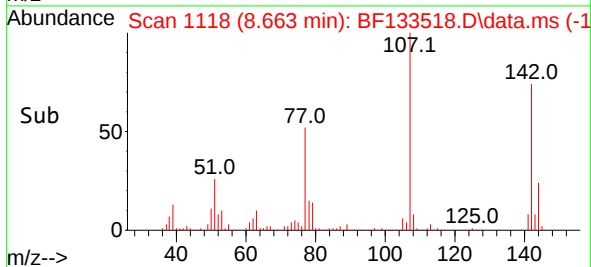
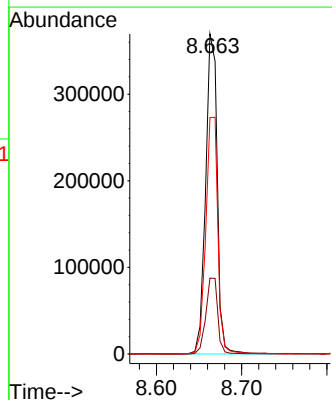
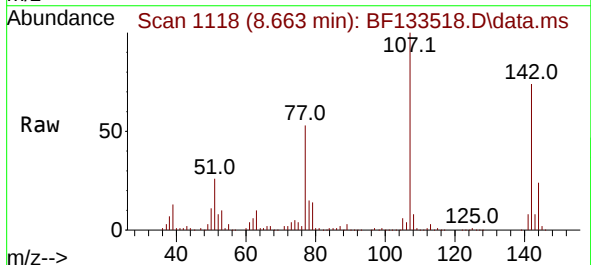
Instrument :
 BNA_F
 ClientSampleId :
 PB153070BS

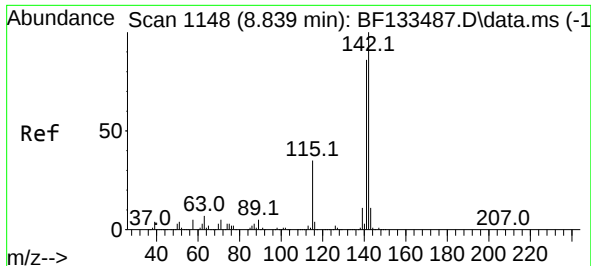
Tgt Ion:113 Resp: 73086
 Ion Ratio Lower Upper
 113 100
 55 206.5 177.5 217.5
 56 141.4 122.3 162.3



#36
 4-Chloro-3-methylphenol
 Concen: 44.374 ng
 RT: 8.663 min Scan# 1118
 Delta R.T. -0.000 min
 Lab File: BF133518.D
 Acq: 30 May 2023 12:59

Tgt Ion:107 Resp: 349054
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.4 29.0
 142 73.9 60.5 90.7





#37

2-Methylnaphthalene

Concen: 40.650 ng

RT: 8.833 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

Instrument :

BNA_F

ClientSampleId :

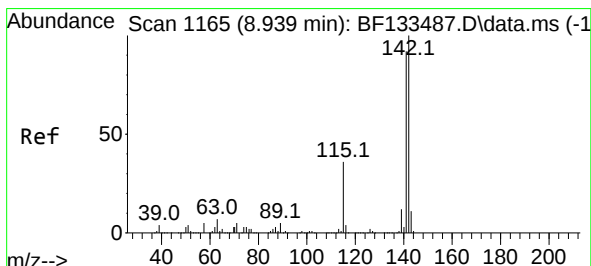
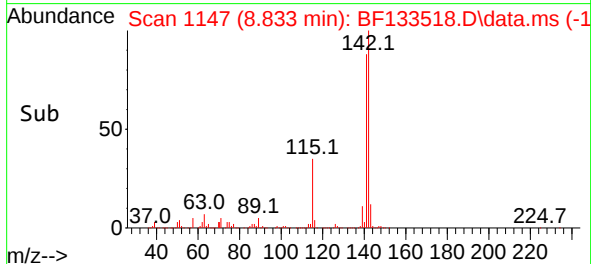
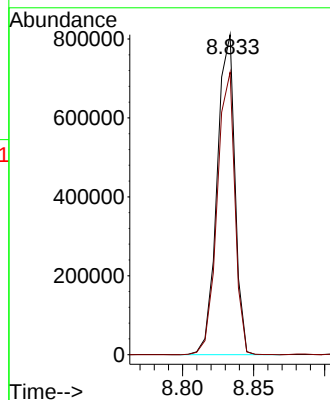
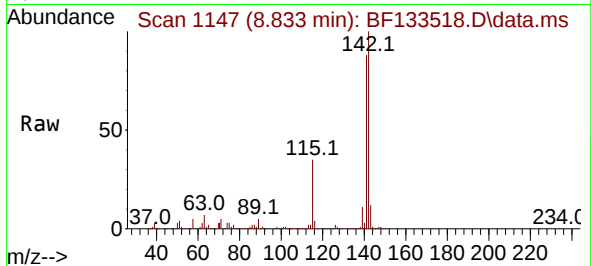
PB153070BS

Tgt Ion:142 Resp: 707167

Ion Ratio Lower Upper

142 100

141 88.3 69.2 103.8



#38

1-Methylnaphthalene

Concen: 40.991 ng

RT: 8.933 min Scan# 1164

Delta R.T. 0.006 min

Lab File: BF133518.D

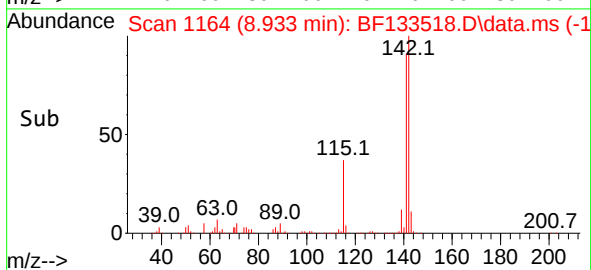
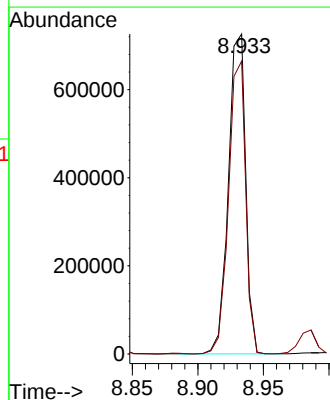
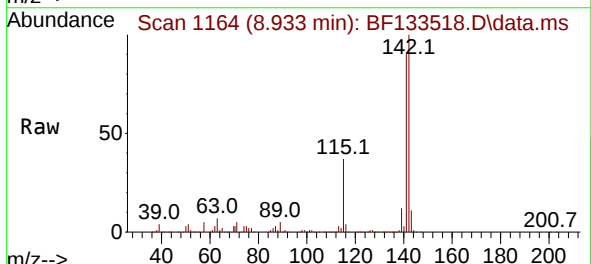
Acq: 30 May 2023 12:59

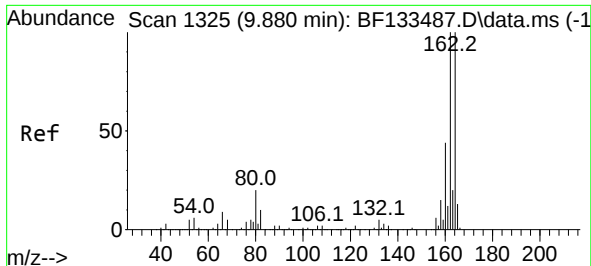
Tgt Ion:142 Resp: 664731

Ion Ratio Lower Upper

142 100

141 91.5 73.6 110.4

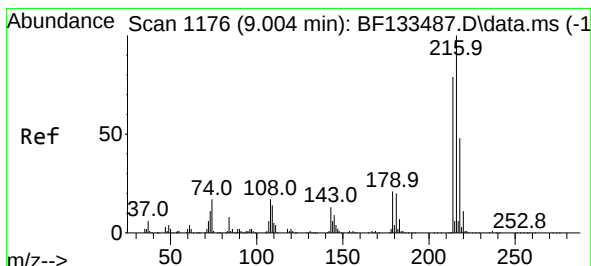
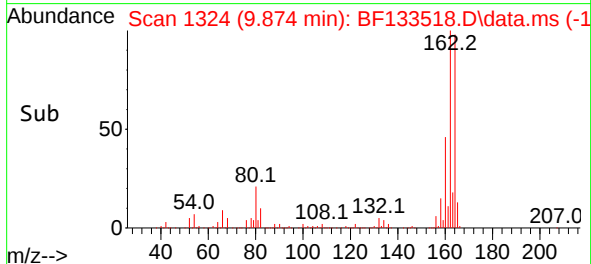
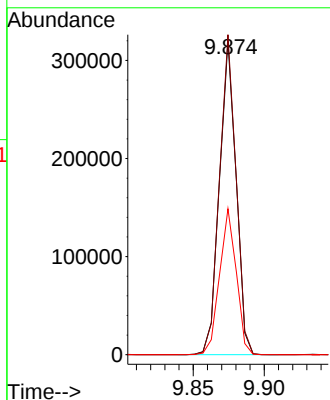
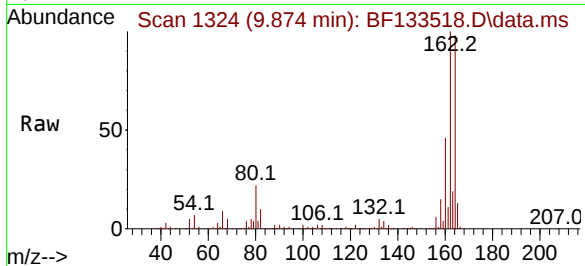




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

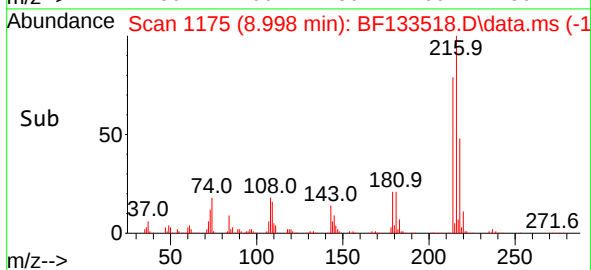
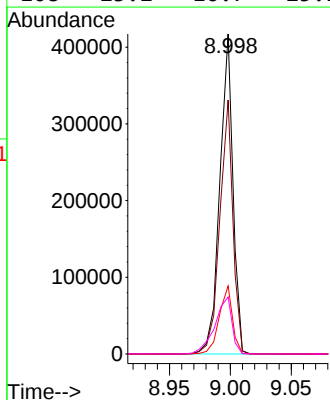
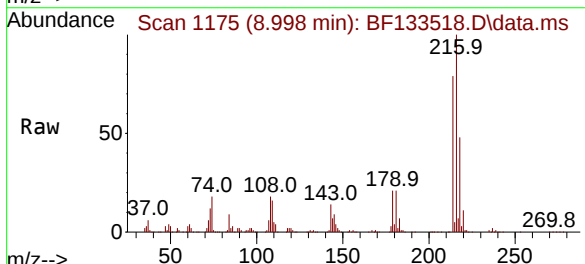
Instrument :
BNA_F
ClientSampleId :
PB153070BS

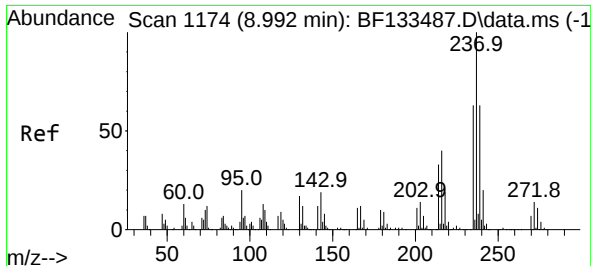
Tgt Ion:164 Resp: 260012
Ion Ratio Lower Upper
164 100
162 102.1 79.7 119.5
160 46.6 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.747 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion:216 Resp: 314016
Ion Ratio Lower Upper
216 100
214 79.3 63.2 94.8
179 21.4 17.3 25.9
108 23.2 16.7 25.1

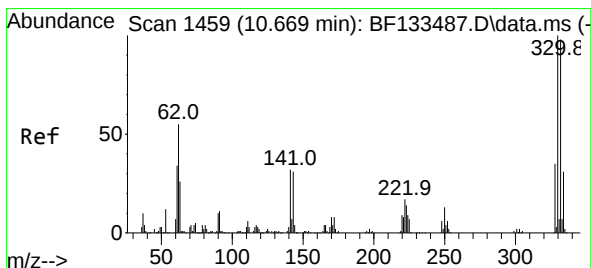
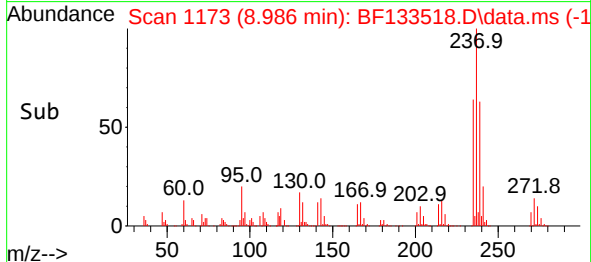
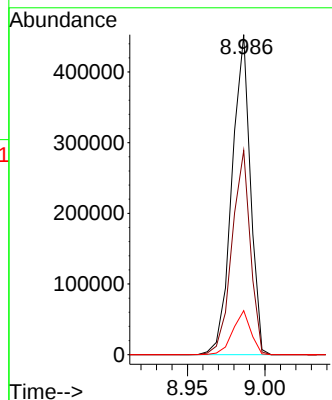
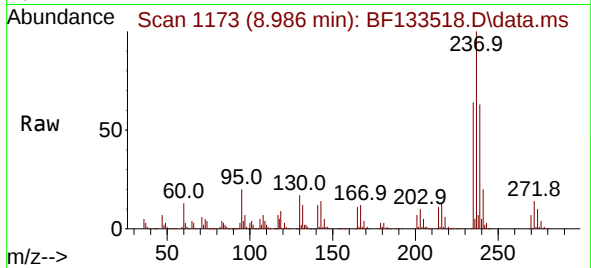




#41
Hexachlorocyclopentadiene
Concen: 95.115 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

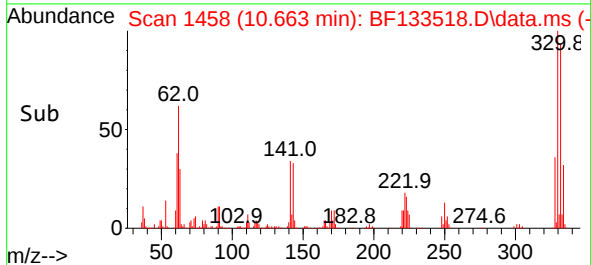
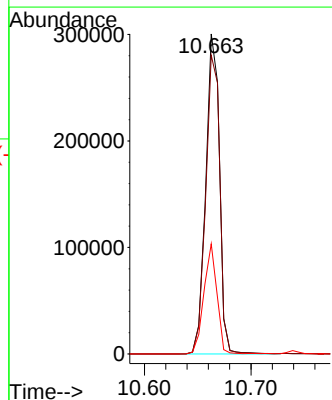
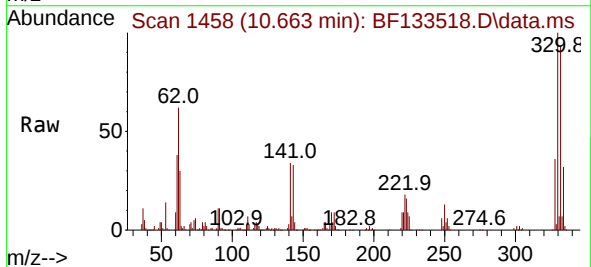
Instrument :
BNA_F
ClientSampleId :
PB153070BS

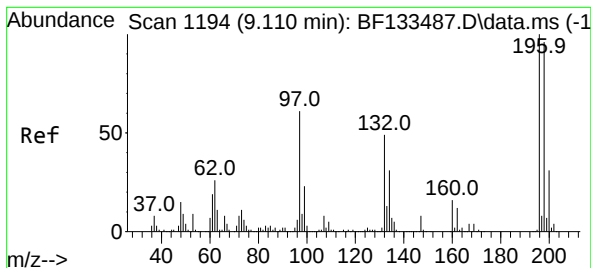
Tgt Ion:237 Resp: 375630
Ion Ratio Lower Upper
237 100
235 63.8 43.0 83.0
272 13.8 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 104.363 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion:330 Resp: 270492
Ion Ratio Lower Upper
330 100
332 96.2 77.8 116.6
141 32.7 26.6 40.0





#43

2,4,6-Trichlorophenol

Concen: 45.233 ng

RT: 9.104 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

Instrument :

BNA_F

ClientSampleId :

PB153070BS

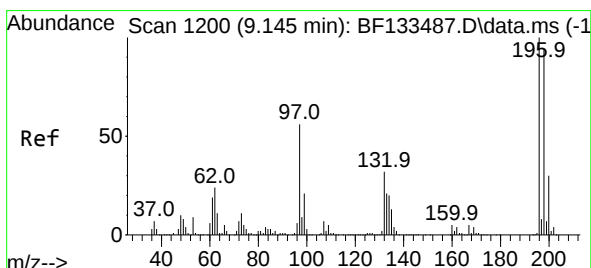
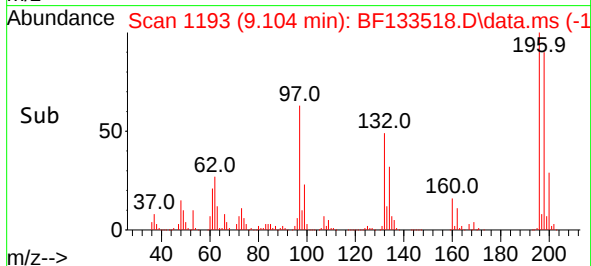
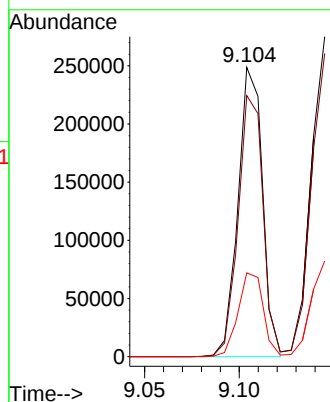
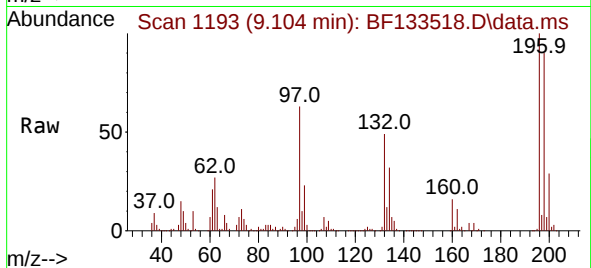
Tgt Ion:196 Resp: 223052

Ion Ratio Lower Upper

196 100

198 90.3 76.6 115.0

200 29.0 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 42.117 ng

RT: 9.145 min Scan# 1200

Delta R.T. 0.006 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

Tgt Ion:196 Resp: 241065

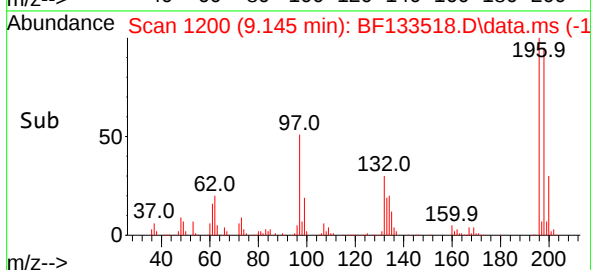
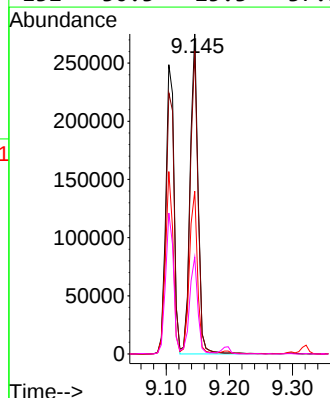
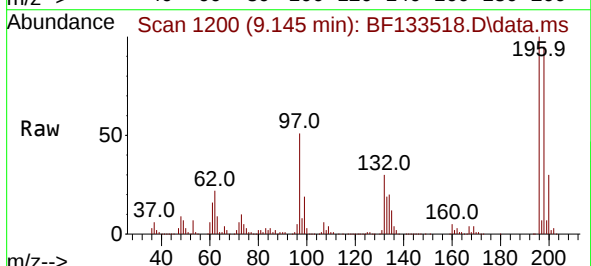
Ion Ratio Lower Upper

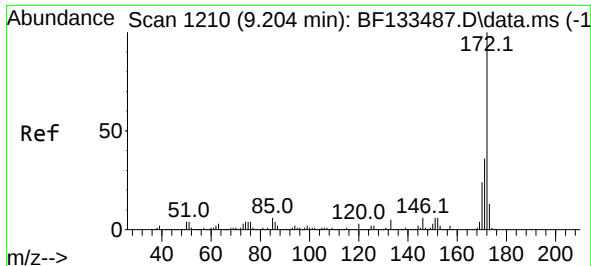
196 100

198 94.8 75.3 112.9

97 50.9 44.9 67.3

132 30.3 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 68.117 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

Instrument :

BNA_F

ClientSampleId :

PB153070BS

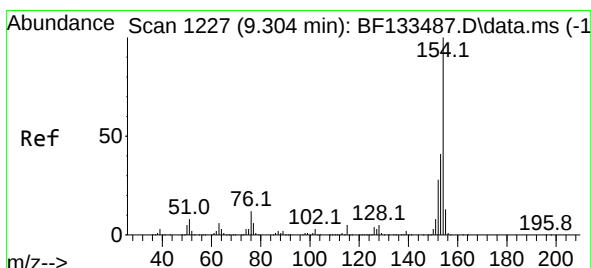
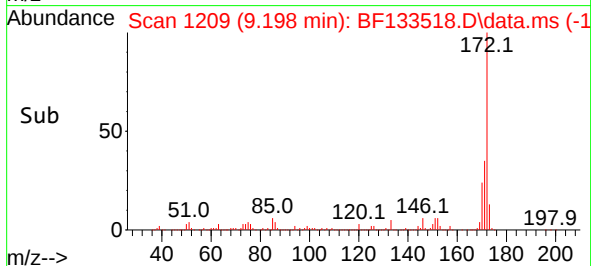
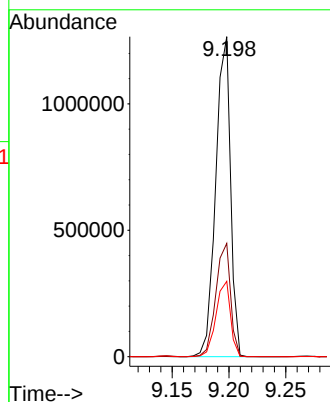
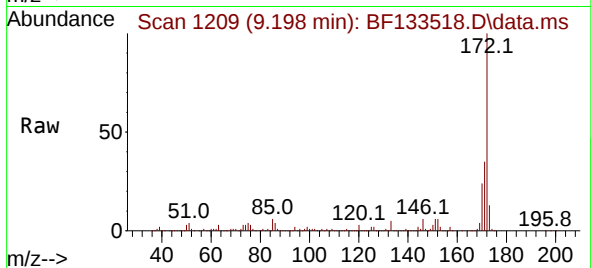
Tgt Ion:172 Resp: 1147522

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.6 19.3 28.9



#46

1,1'-Biphenyl

Concen: 41.924 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

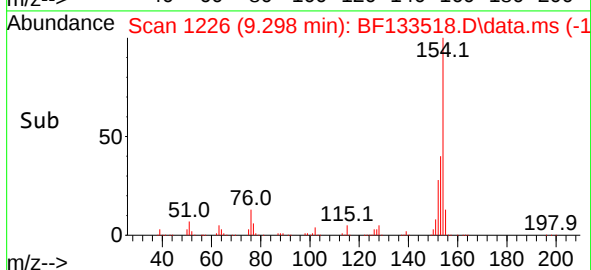
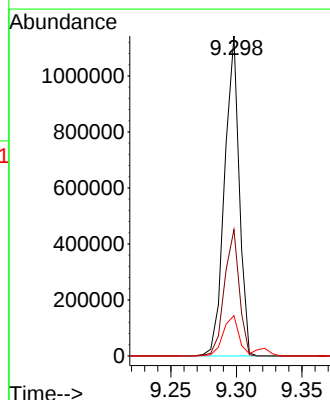
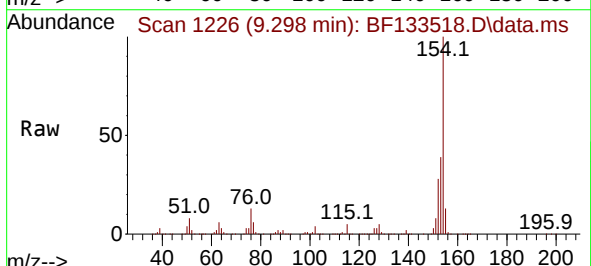
Tgt Ion:154 Resp: 885633

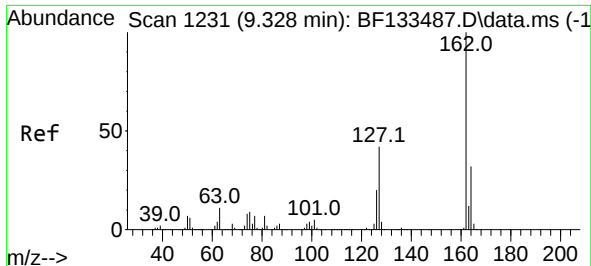
Ion Ratio Lower Upper

154 100

153 39.5 21.0 61.0

76 12.6 0.0 32.5





#47

2-Chloronaphthalene

Concen: 42.324 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

Instrument :

BNA_F

ClientSampleId :

PB153070BS

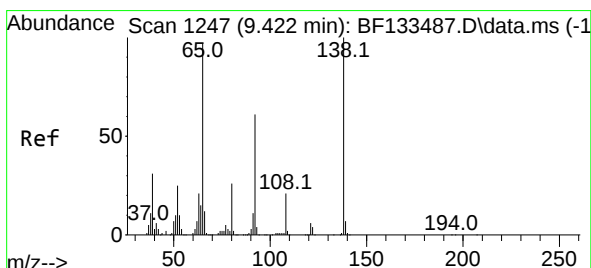
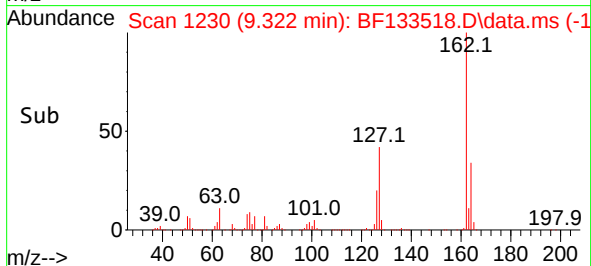
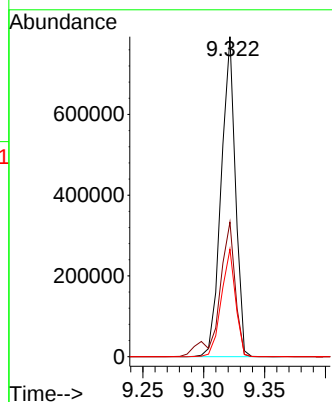
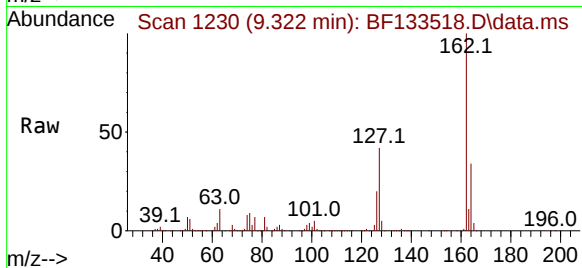
Tgt Ion:162 Resp: 647983

Ion Ratio Lower Upper

162 100

127 42.1 33.2 49.8

164 33.6 26.0 39.0



#48

2-Nitroaniline

Concen: 42.461 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.000 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

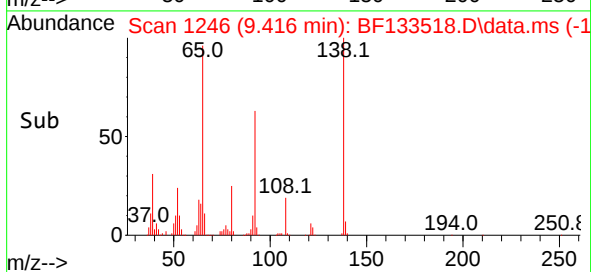
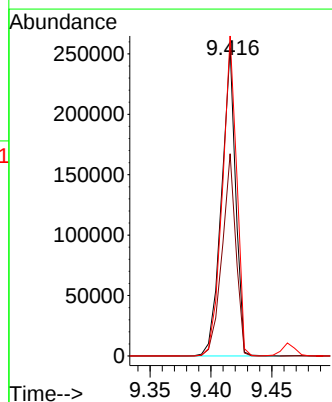
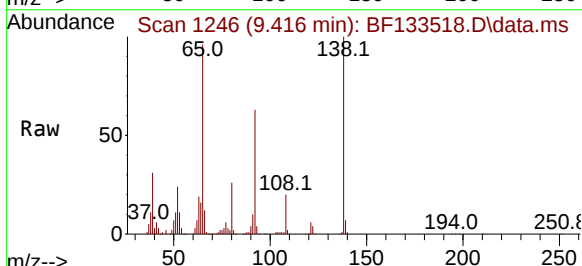
Tgt Ion: 65 Resp: 206247

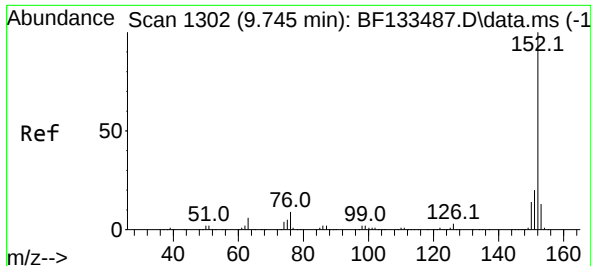
Ion Ratio Lower Upper

65 100

92 65.6 50.8 76.2

138 103.7 82.6 124.0





#49

Acenaphthylene

Concen: 42.191 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

Instrument :

BNA_F

ClientSampleId :

PB153070BS

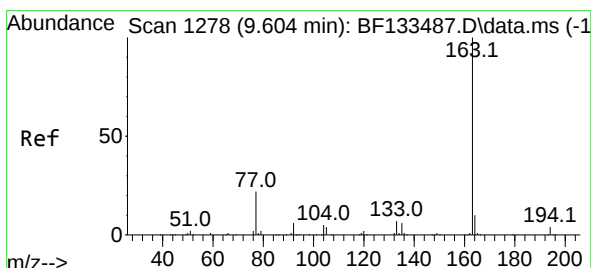
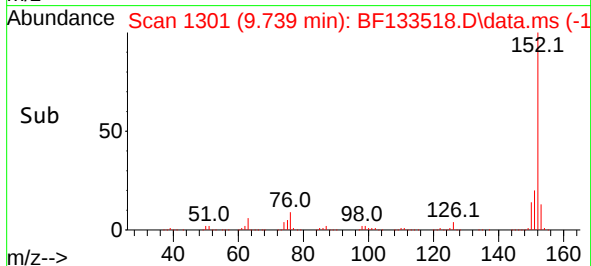
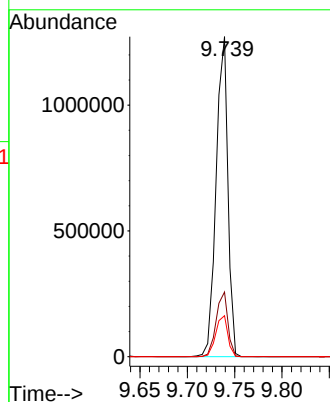
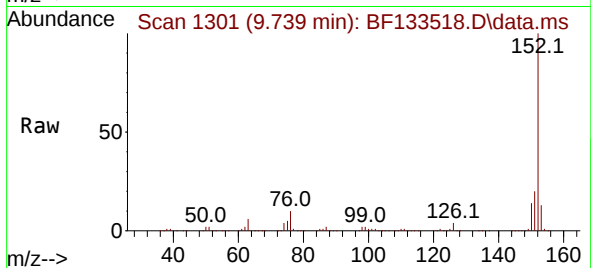
Tgt Ion:152 Resp: 1102318

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 12.8 10.4 15.6



#50

Dimethylphthalate

Concen: 41.863 ng

RT: 9.598 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

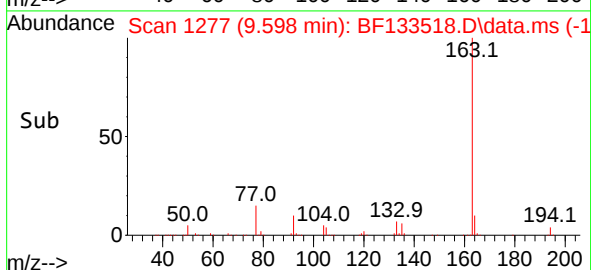
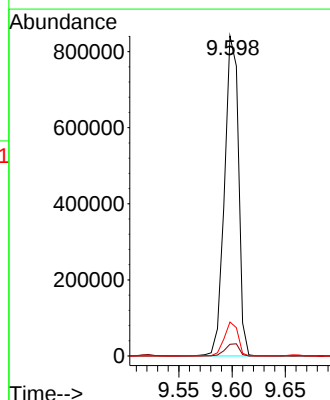
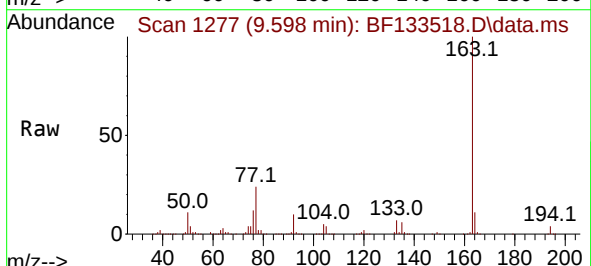
Tgt Ion:163 Resp: 765027

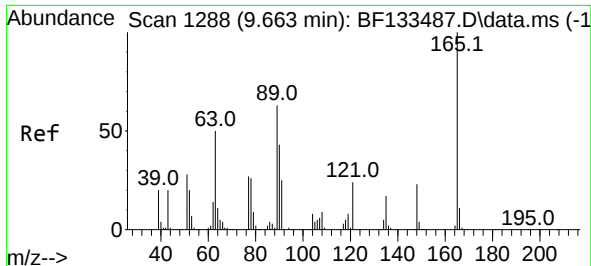
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

164 10.6 8.2 12.2

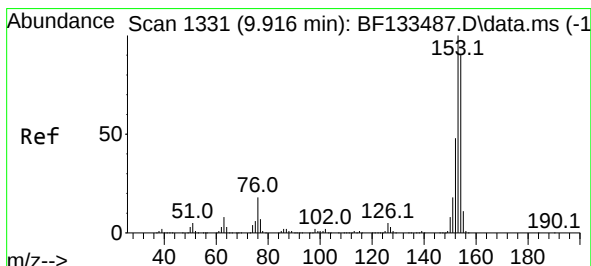
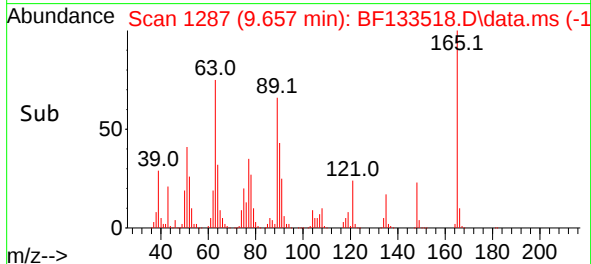
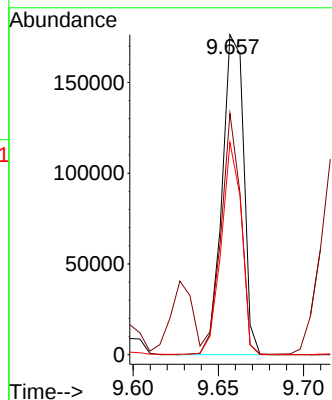
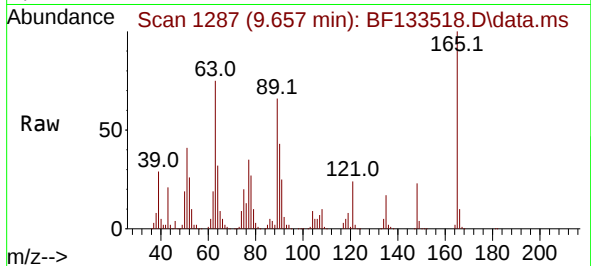




#51
2,6-Dinitrotoluene
Concen: 44.902 ng
RT: 9.657 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

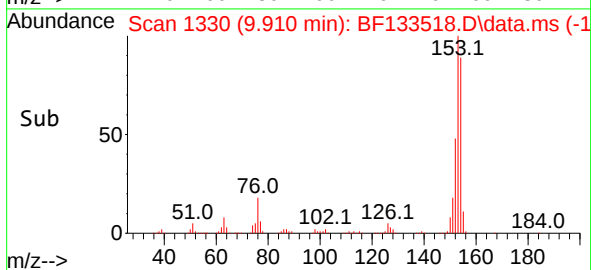
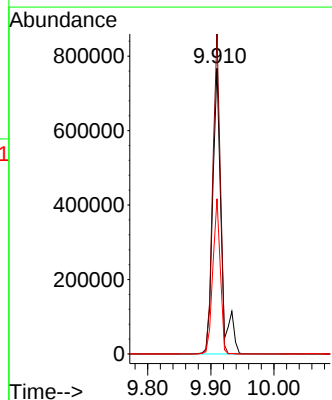
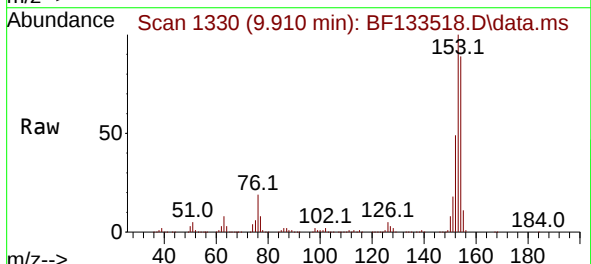
Instrument :
BNA_F
ClientSampleId :
PB153070BS

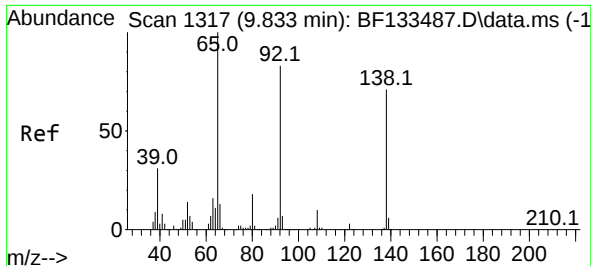
Tgt Ion:165 Resp: 155123
Ion Ratio Lower Upper
165 100
63 75.4 57.0 85.4
89 66.3 50.8 76.2



#52
Acenaphthene
Concen: 45.701 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion:154 Resp: 723281
Ion Ratio Lower Upper
154 100
153 112.0 89.2 133.8
152 54.3 43.1 64.7

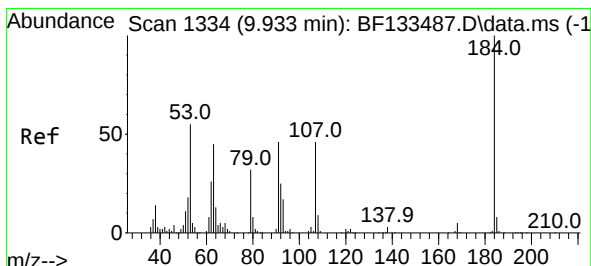
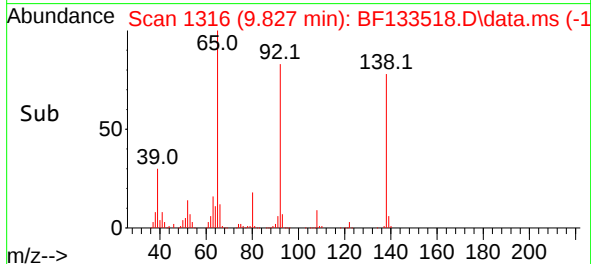
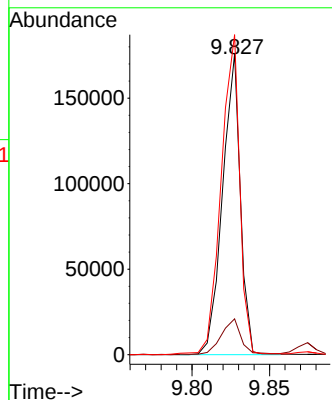
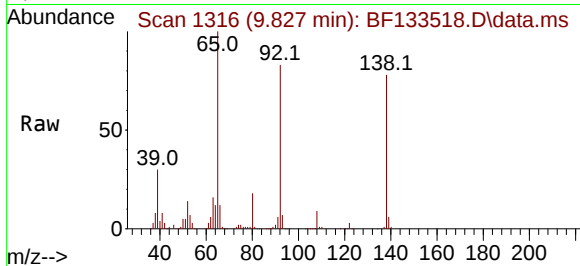




#53
3-Nitroaniline
Concen: 33.233 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

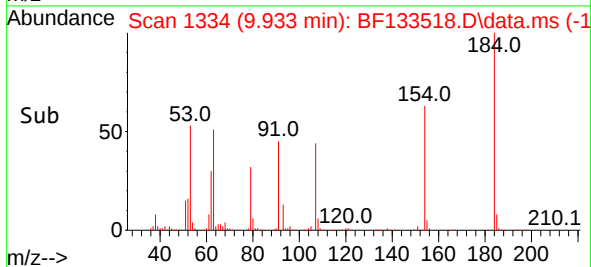
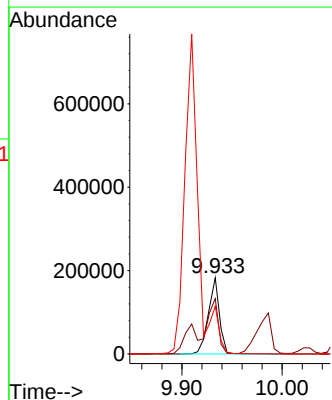
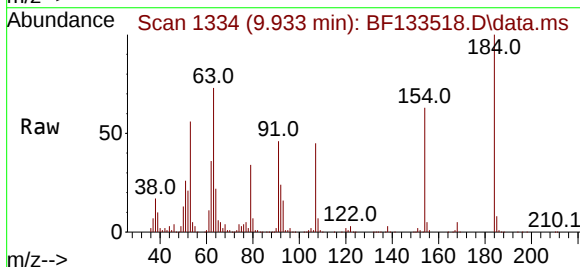
Instrument :
BNA_F
ClientSampleId :
PB153070BS

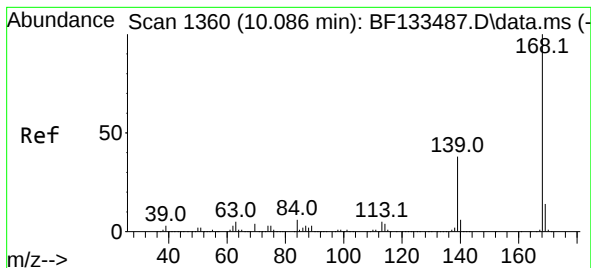
Tgt Ion:138 Resp: 140197
Ion Ratio Lower Upper
138 100
108 11.9 11.9 17.9#
92 106.3 93.1 139.7



#54
2,4-Dinitrophenol
Concen: 80.152 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion:184 Resp: 141347
Ion Ratio Lower Upper
184 100
63 72.8 55.7 83.5
154 62.7 49.3 73.9





#55

Dibenzenofuran

Concen: 41.721 ng

RT: 10.080 min Scan# 1359

Delta R.T. -0.000 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

Instrument :

BNA_F

ClientSampleId :

PB153070BS

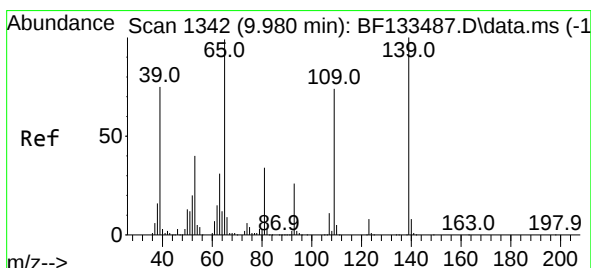
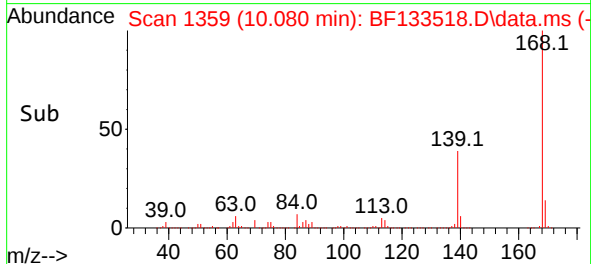
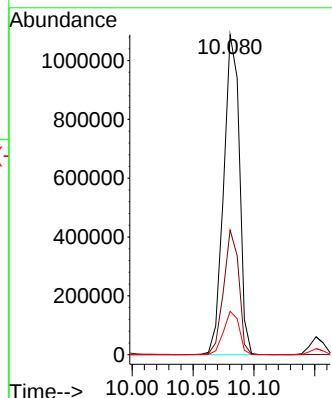
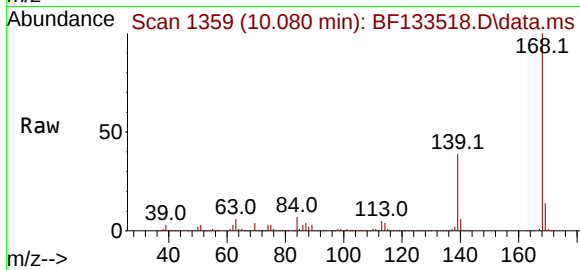
Tgt Ion:168 Resp: 982368

Ion Ratio Lower Upper

168 100

139 38.9 30.6 46.0

169 13.5 10.9 16.3



#56

4-Nitrophenol

Concen: 95.450 ng

RT: 9.986 min Scan# 1343

Delta R.T. 0.011 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

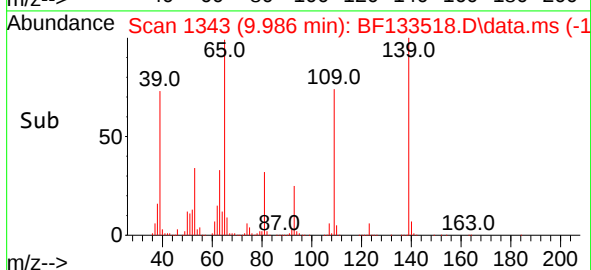
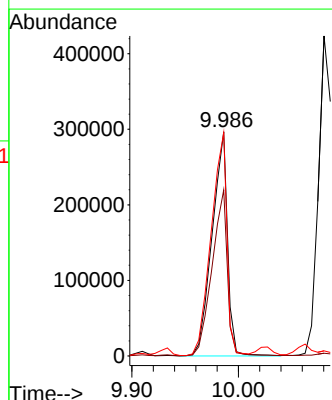
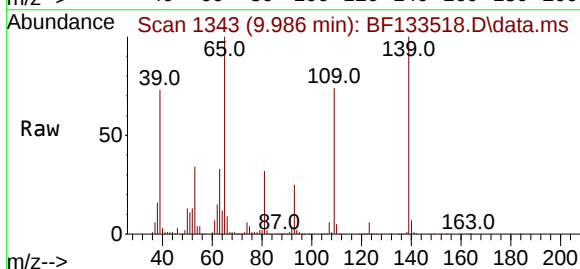
Tgt Ion:139 Resp: 298432

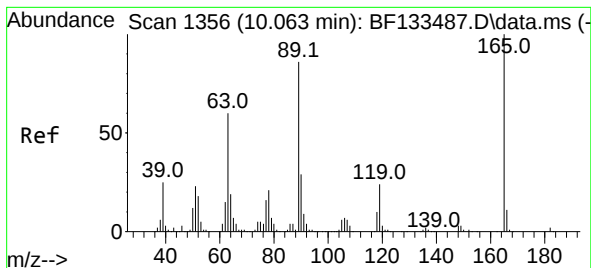
Ion Ratio Lower Upper

139 100

109 74.1 54.5 94.5

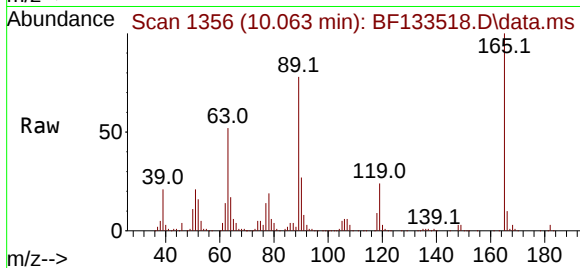
65 99.5 79.5 119.5



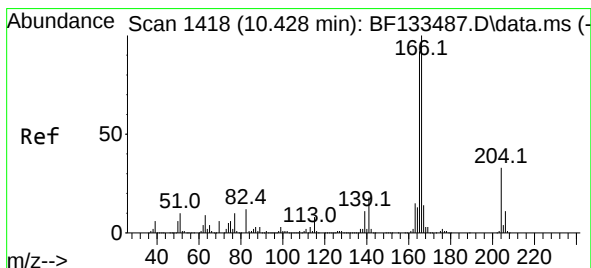
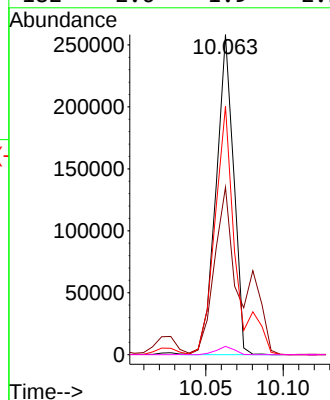
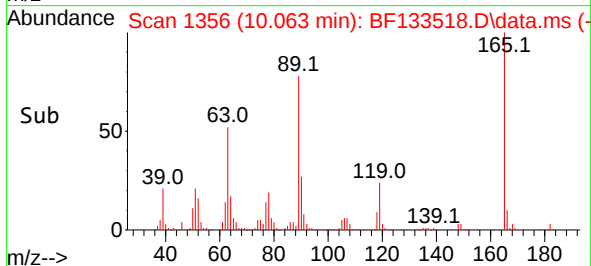


#57
2,4-Dinitrotoluene
Concen: 47.486 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

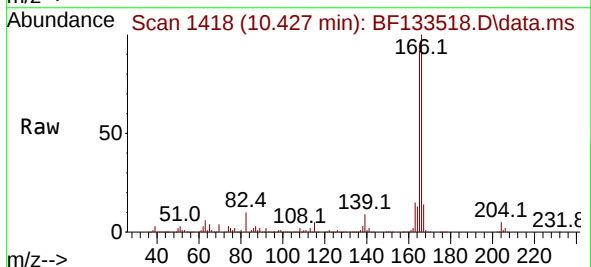
Instrument :
BNA_F
ClientSampleId :
PB153070BS



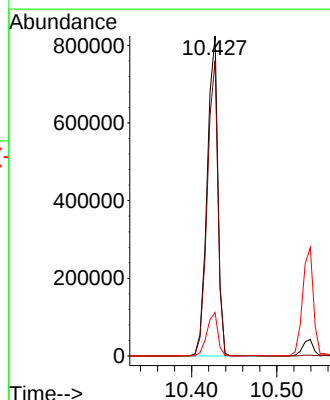
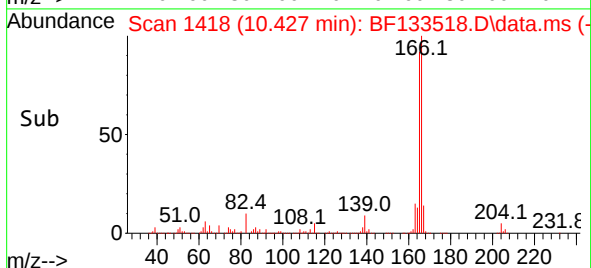
Tgt Ion:165 Resp: 204537
Ion Ratio Lower Upper
165 100
63 52.3 48.1 72.1
89 77.7 68.4 102.6
182 2.6 1.9 2.9

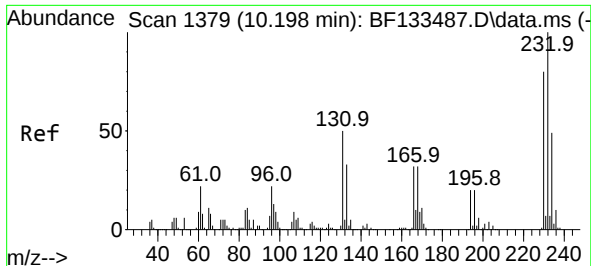


#58
Fluorene
Concen: 41.613 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59



Tgt Ion:166 Resp: 717874
Ion Ratio Lower Upper
166 100
165 92.3 73.4 110.0
167 13.6 10.9 16.3

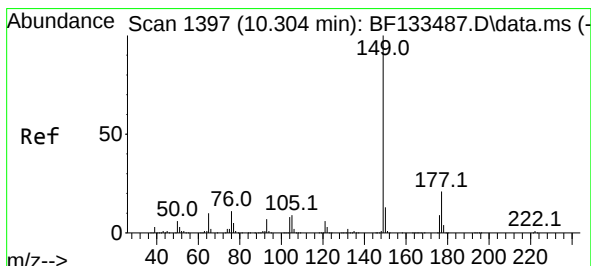
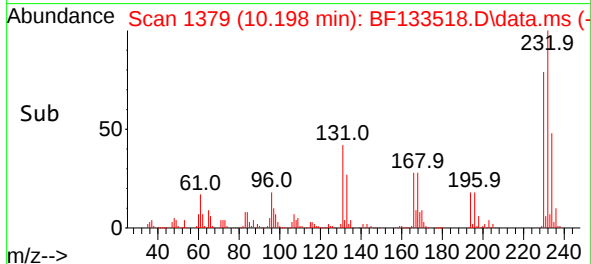
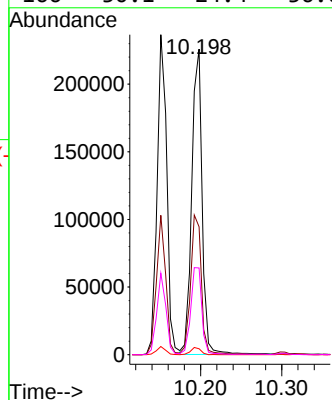
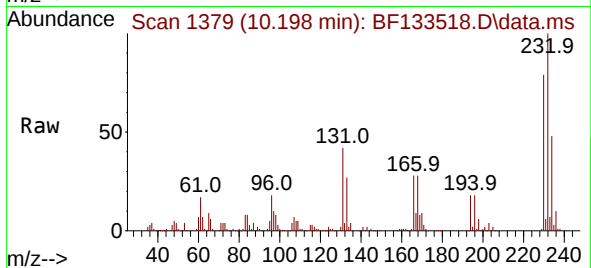




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.698 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.006 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

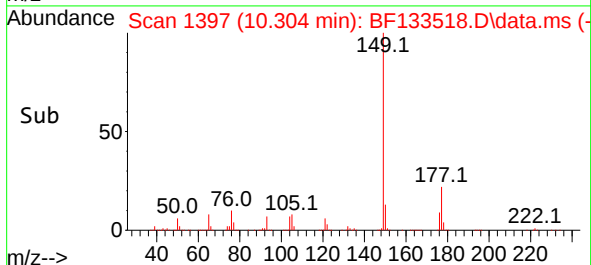
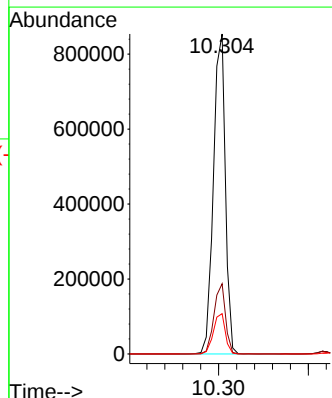
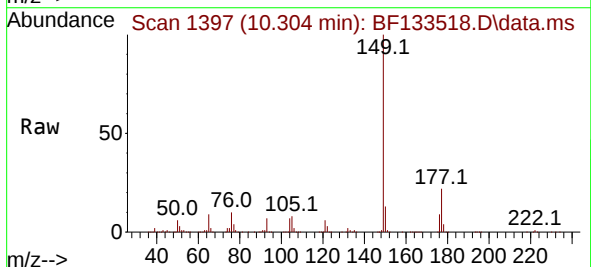
Instrument :
BNA_F
ClientSampleId :
PB153070BS

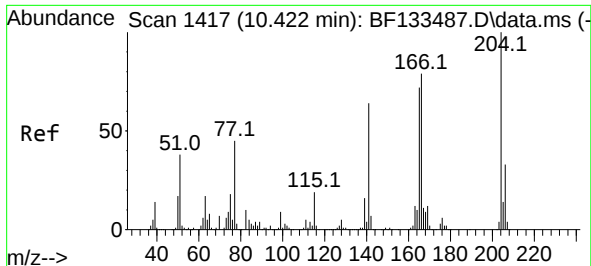
Tgt Ion:232 Resp: 201299
Ion Ratio Lower Upper
232 100
131 47.0 37.9 56.9
130 2.3 1.8 2.6
166 30.1 24.4 36.6



#60
Diethylphthalate
Concen: 41.530 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion:149 Resp: 787850
Ion Ratio Lower Upper
149 100
177 22.0 17.1 25.7
150 12.6 10.2 15.2

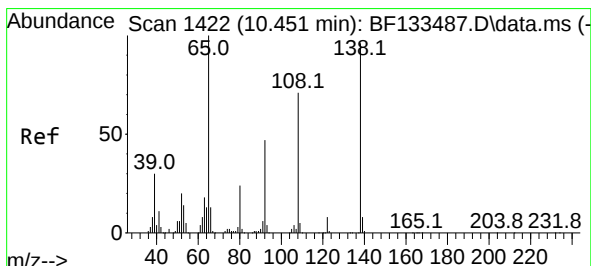
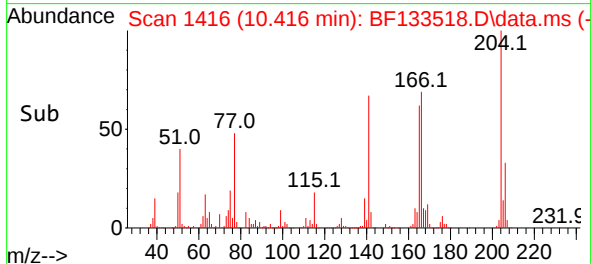
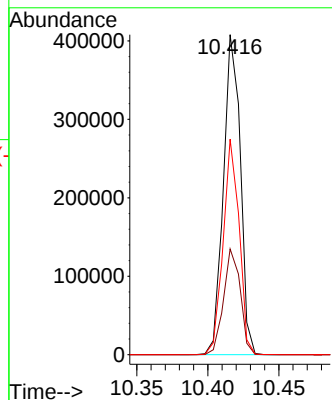
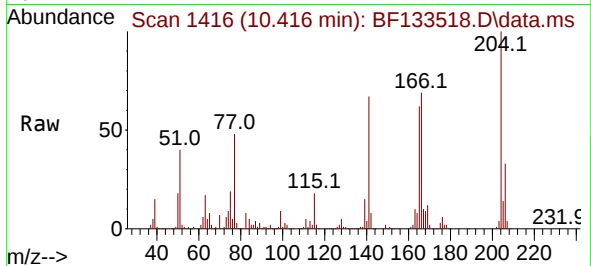




#61
4-Chlorophenyl-phenylether
Concen: 40.745 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

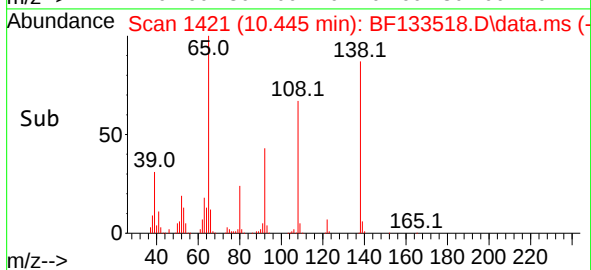
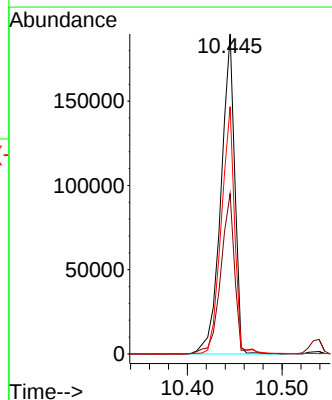
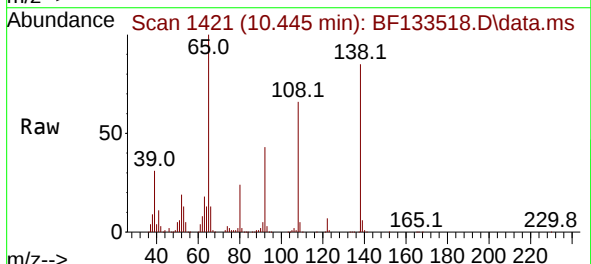
Instrument :
BNA_F
ClientSampleId :
PB153070BS

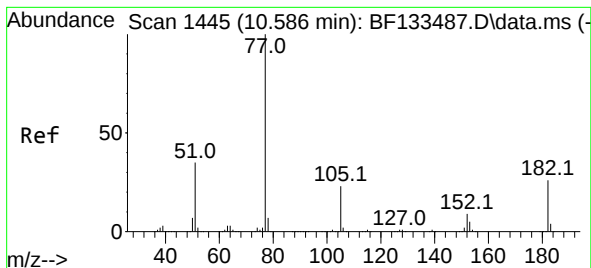
Tgt Ion:204 Resp: 337500
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 67.4 51.4 77.2



#62
4-Nitroaniline
Concen: 44.010 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion:138 Resp: 192016
Ion Ratio Lower Upper
138 100
92 50.1 28.4 68.4
108 77.3 54.2 94.2





#63

Azobenzene

Concen: 41.445 ng

RT: 10.580 min Scan# 1445

Delta R.T. 0.006 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

Instrument :

BNA_F

ClientSampleId :

PB153070BS

Tgt Ion: 77 Resp: 787037

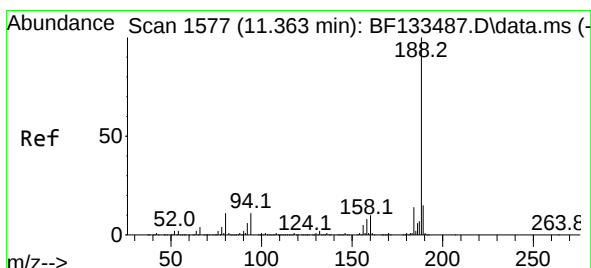
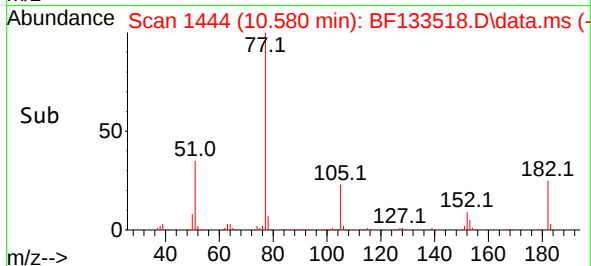
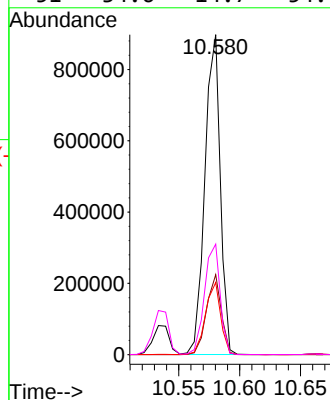
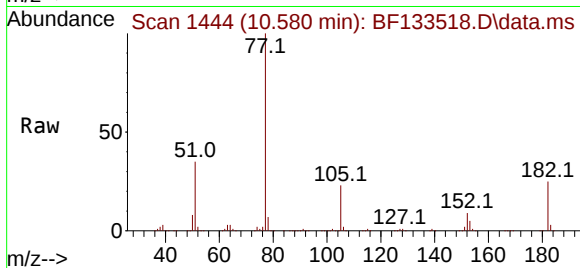
Ion Ratio Lower Upper

77 100

182 25.0 5.6 45.6

105 22.6 2.6 42.6

51 34.6 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1577

Delta R.T. -0.000 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

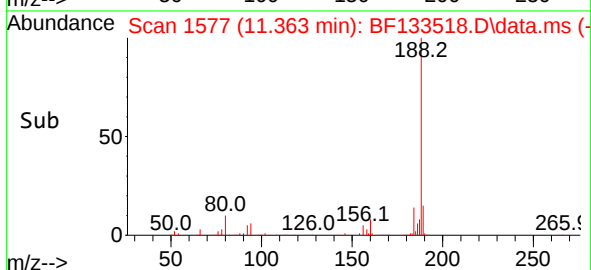
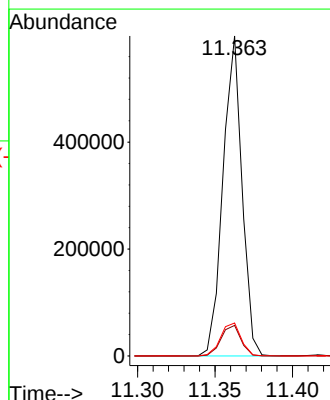
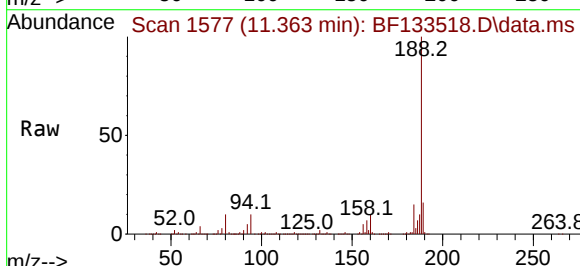
Tgt Ion:188 Resp: 509553

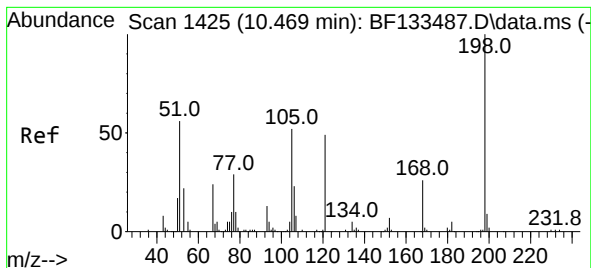
Ion Ratio Lower Upper

188 100

94 9.6 8.6 12.8

80 10.3 9.2 13.8

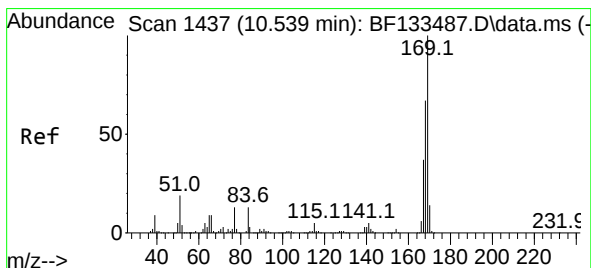
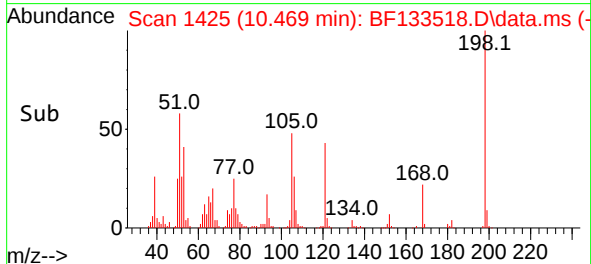
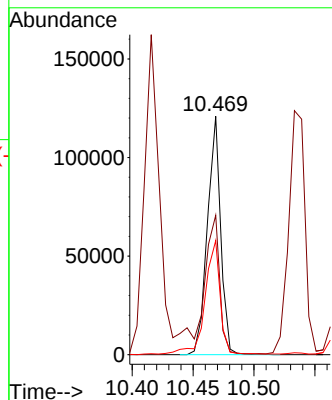
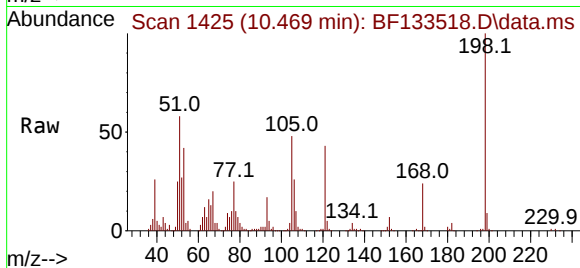




#65
4,6-Dinitro-2-methylphenol
Concen: 44.647 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

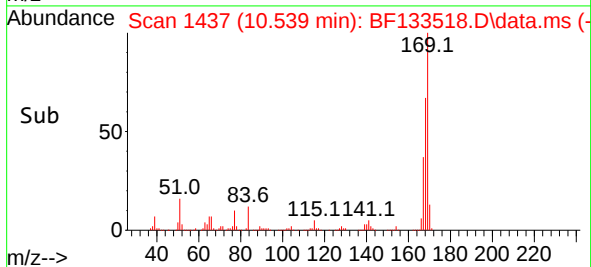
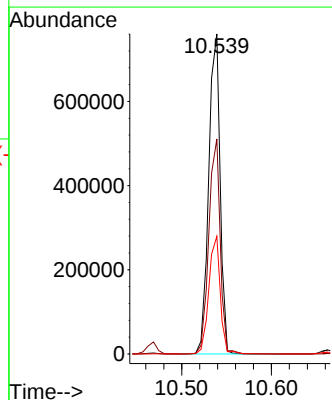
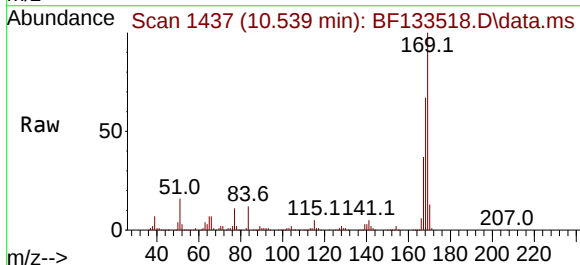
Instrument :
BNA_F
ClientSampleId :
PB153070BS

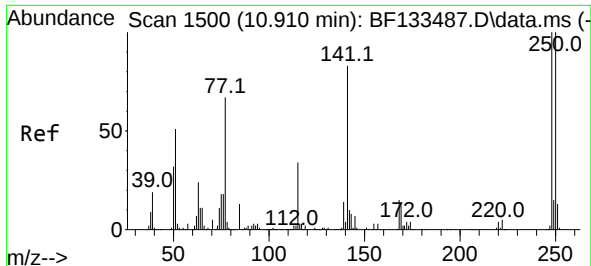
Tgt Ion:198 Resp: 91485
Ion Ratio Lower Upper
198 100
51 58.4 53.6 93.6
105 47.8 35.9 75.9



#66
n-Nitrosodiphenylamine
Concen: 40.572 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion:169 Resp: 671169
Ion Ratio Lower Upper
169 100
168 67.2 53.7 80.5
167 36.7 29.6 44.4

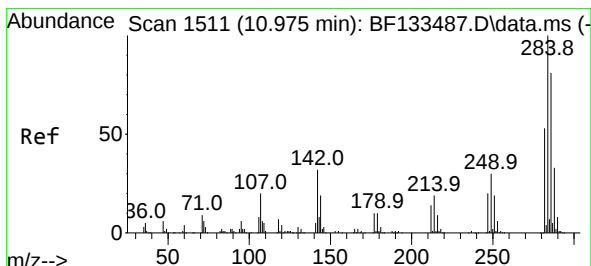
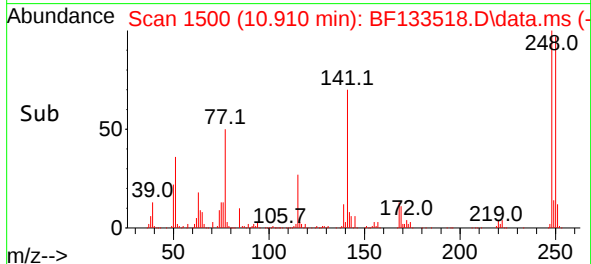
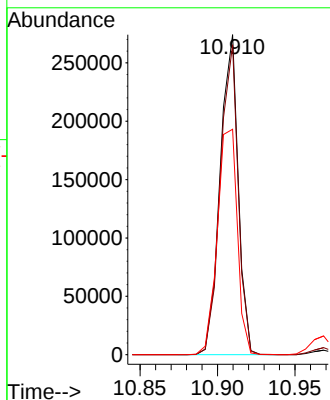
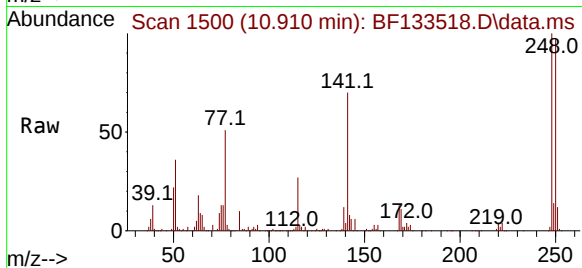




#67
4-Bromophenyl-phenylether
Concen: 41.119 ng
RT: 10.910 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

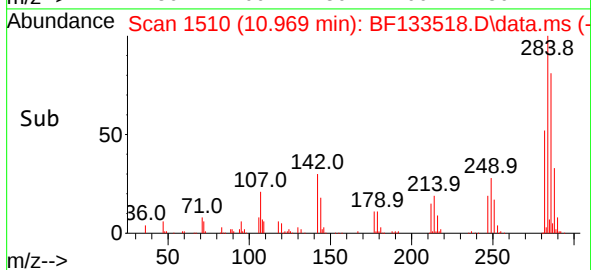
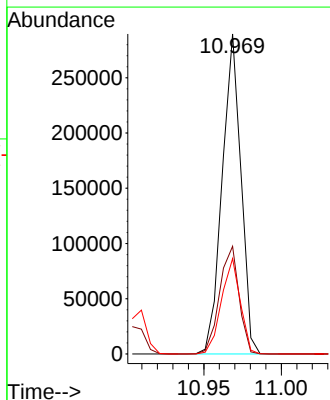
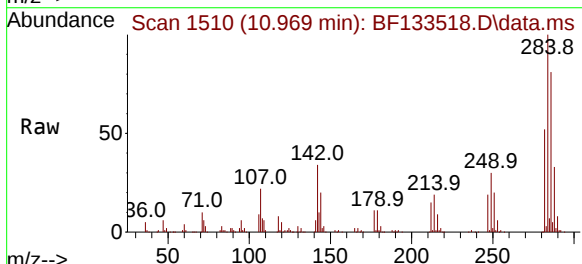
Instrument :
BNA_F
ClientSampleId :
PB153070BS

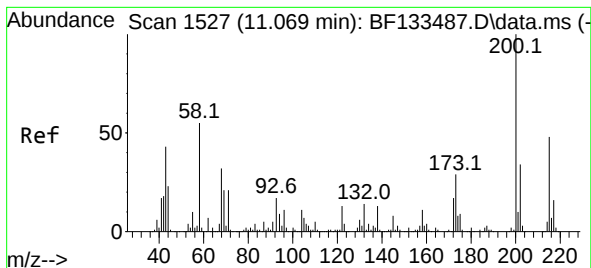
Tgt Ion:248 Resp: 222512
Ion Ratio Lower Upper
248 100
250 96.8 79.7 119.5
141 70.5 66.6 100.0



#68
Hexachlorobenzene
Concen: 43.070 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion:284 Resp: 243730
Ion Ratio Lower Upper
284 100
142 33.7 25.8 38.6
249 29.8 24.4 36.6





#69

Atrazine

Concen: 48.163 ng

RT: 11.069 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

Instrument :

BNA_F

ClientSampleId :

PB153070BS

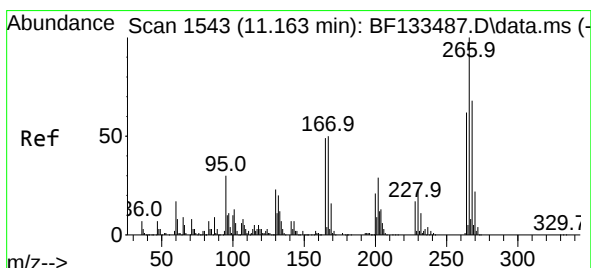
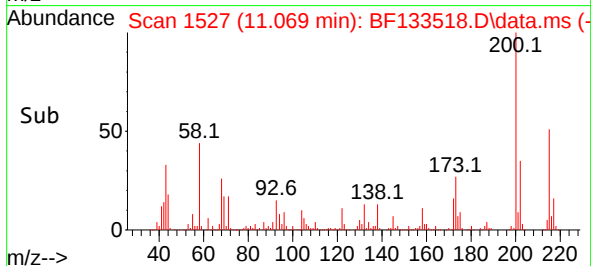
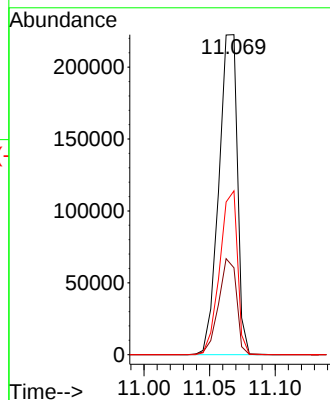
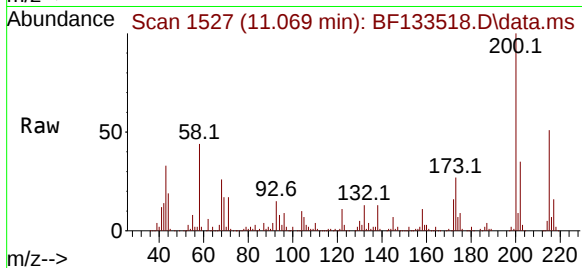
Tgt Ion:200 Resp: 218610

Ion Ratio Lower Upper

200 100

173 27.1 9.0 49.0

215 51.2 27.6 67.6



#70

Pentachlorophenol

Concen: 80.149 ng

RT: 11.163 min Scan# 1543

Delta R.T. 0.006 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

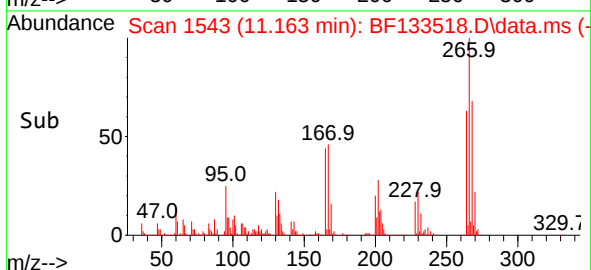
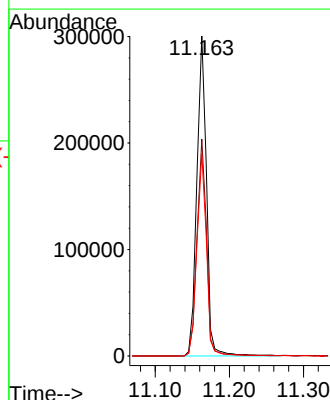
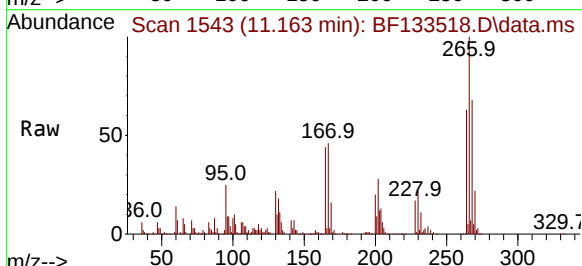
Tgt Ion:266 Resp: 271199

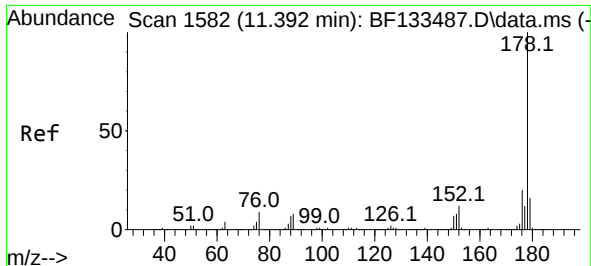
Ion Ratio Lower Upper

266 100

268 67.7 54.6 82.0

264 63.2 49.2 73.8

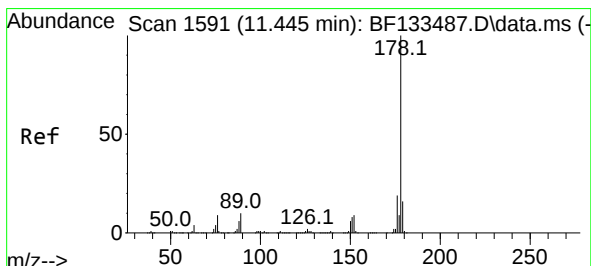
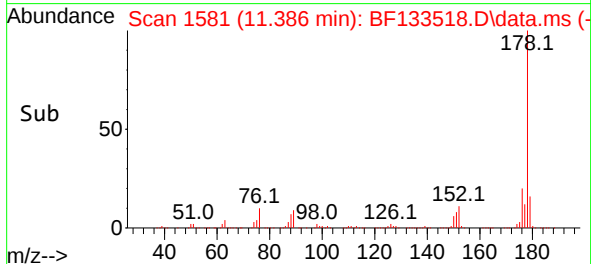
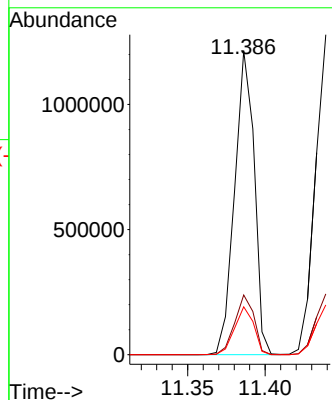
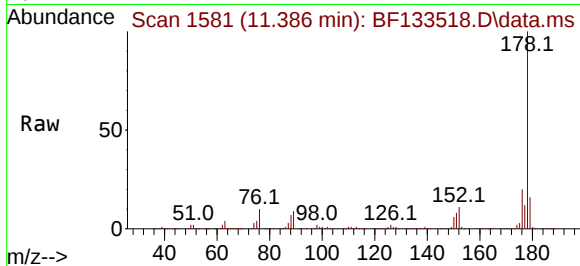




#71
Phenanthrene
Concen: 41.457 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

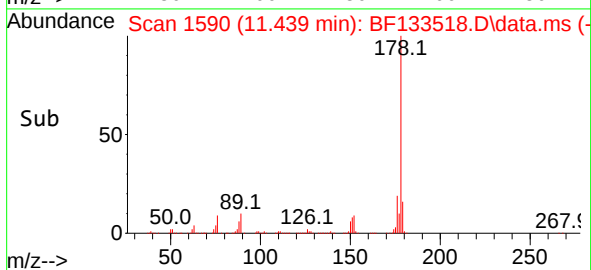
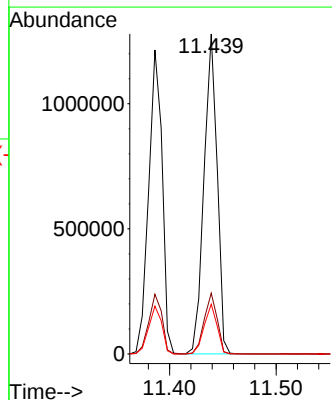
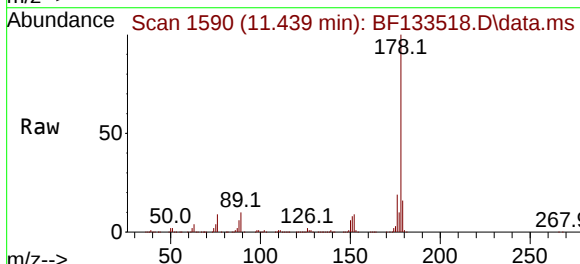
Instrument :
BNA_F
ClientSampleId :
PB153070BS

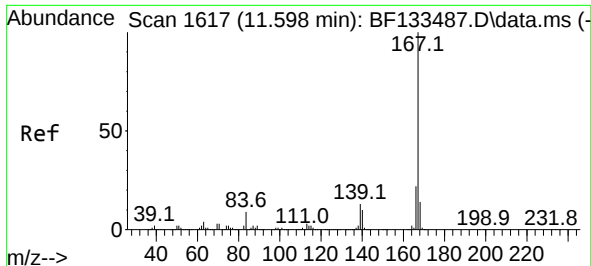
Tgt Ion:178 Resp: 1069937
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.7 12.4 18.6



#72
Anthracene
Concen: 41.379 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion:178 Resp: 1099100
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.6 12.6 18.8

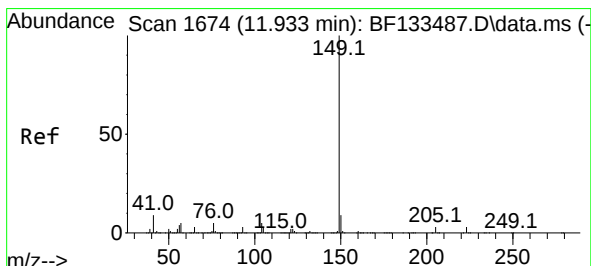
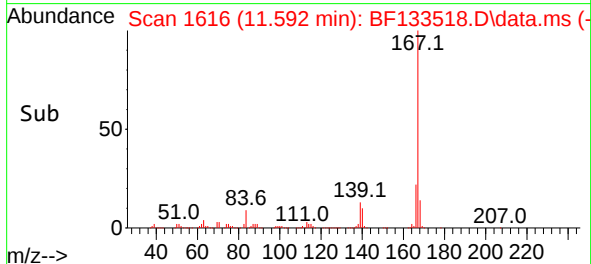
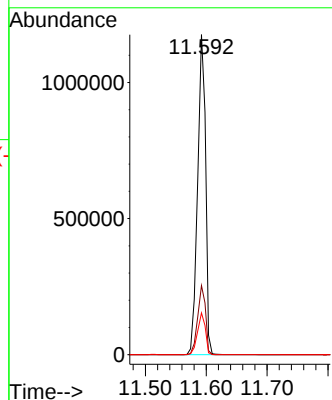
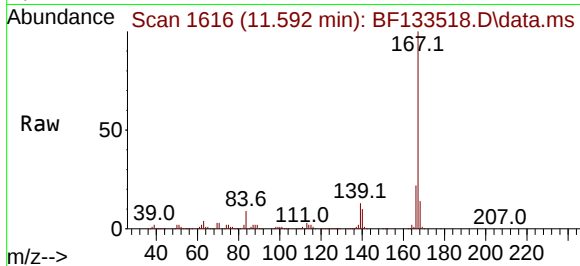




#73
Carbazole
Concen: 42.540 ng
RT: 11.592 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

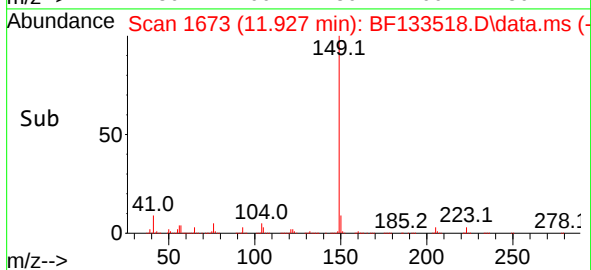
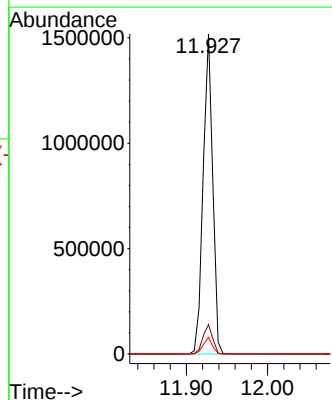
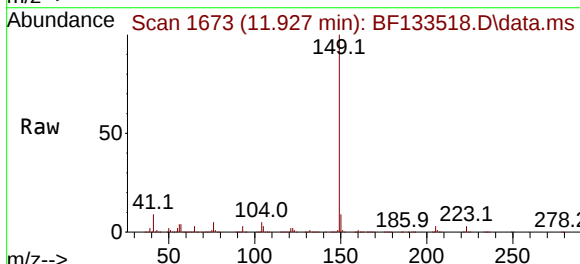
Instrument :
BNA_F
ClientSampleId :
PB153070BS

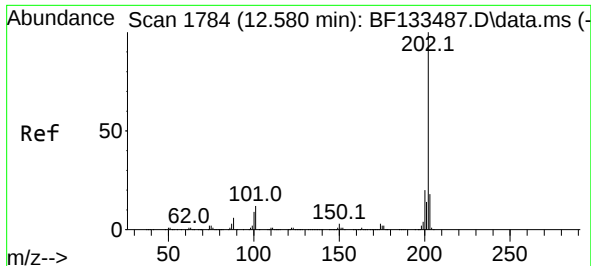
Tgt Ion:167 Resp: 1068602
Ion Ratio Lower Upper
167 100
166 21.6 17.3 25.9
139 13.0 10.7 16.1



#74
Di-n-butylphthalate
Concen: 41.594 ng
RT: 11.927 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion:149 Resp: 1235488
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 5.2 3.9 5.9

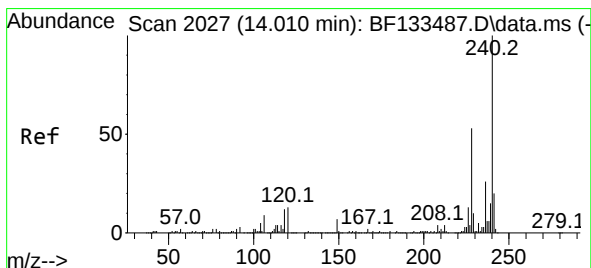
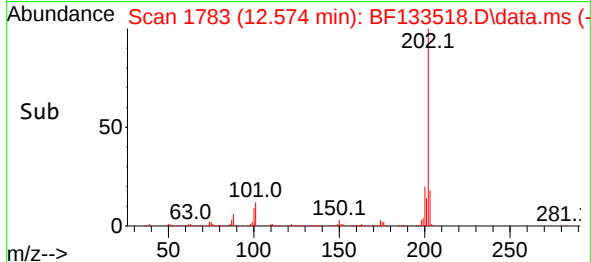
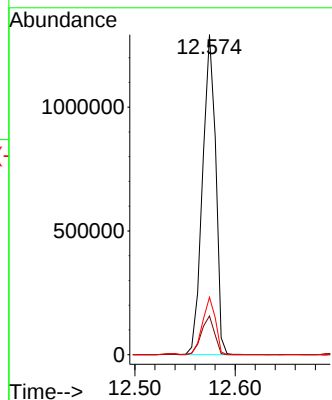
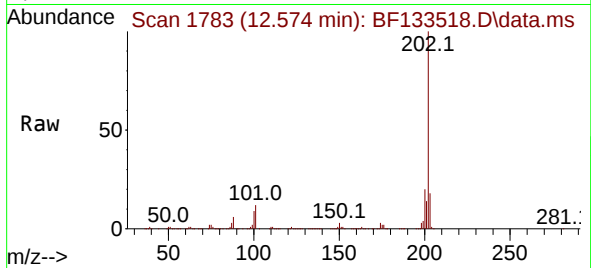




#75
Fluoranthene
Concen: 41.454 ng
RT: 12.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

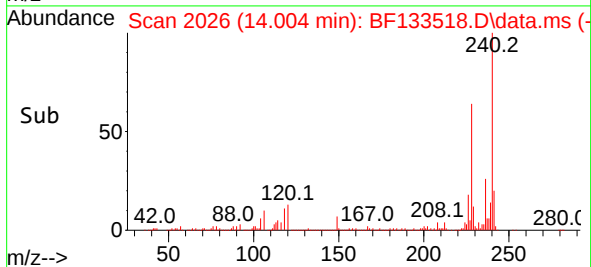
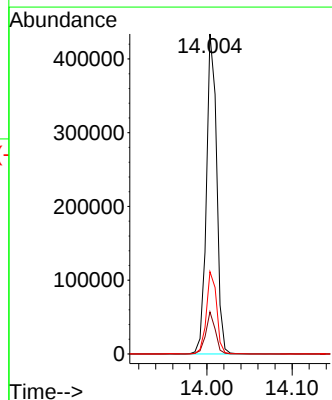
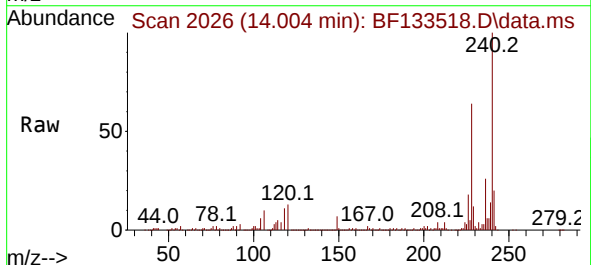
Instrument :
BNA_F
ClientSampleId :
PB153070BS

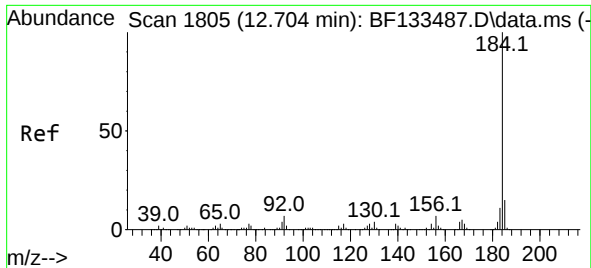
Tgt Ion:202 Resp: 1181734
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.2
203 18.0 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion:240 Resp: 361786
Ion Ratio Lower Upper
240 100
120 13.2 10.3 15.5
236 25.7 20.5 30.7

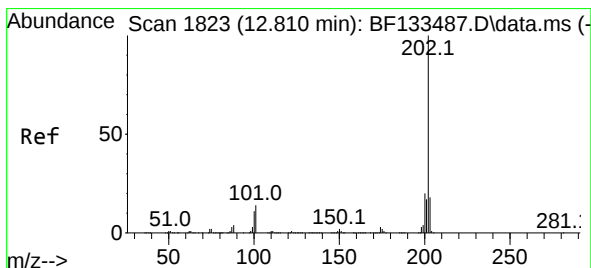
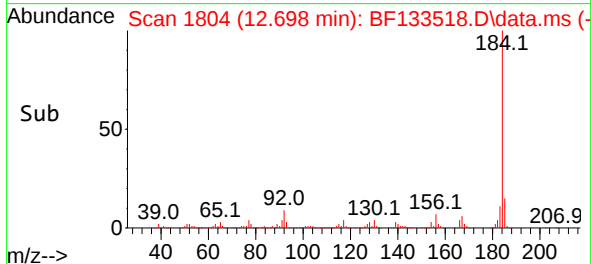
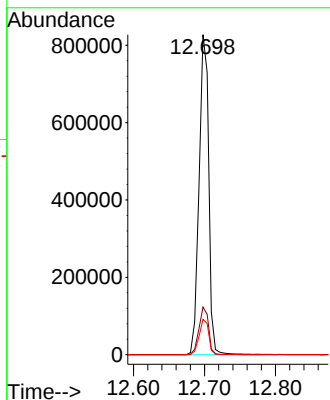
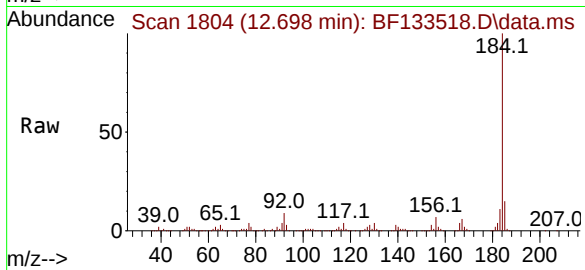




#77
Benzidine
Concen: 74.069 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

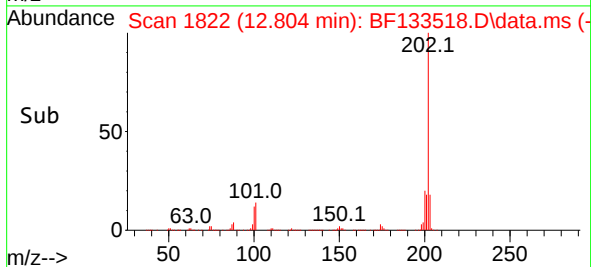
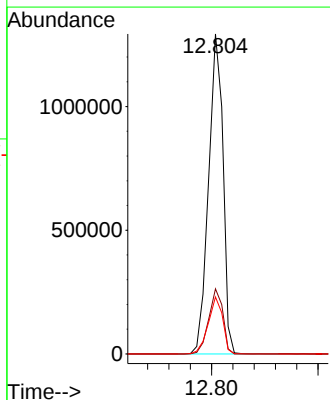
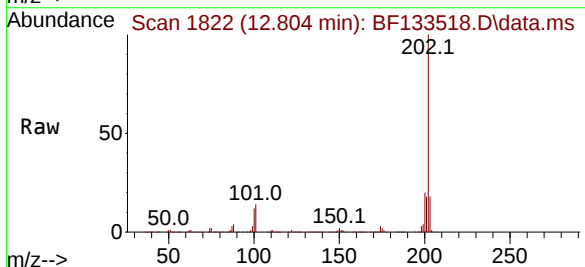
Instrument :
BNA_F
ClientSampleId :
PB153070BS

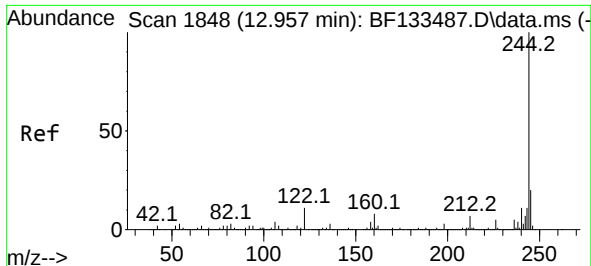
Tgt Ion:184 Resp: 783755
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 11.1 8.7 13.1



#78
Pyrene
Concen: 39.493 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

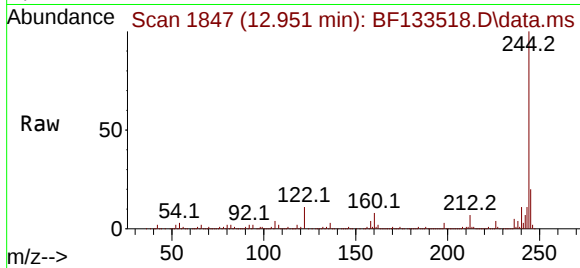
Tgt Ion:202 Resp: 1215855
Ion Ratio Lower Upper
202 100
200 20.4 16.3 24.5
203 17.8 14.3 21.5



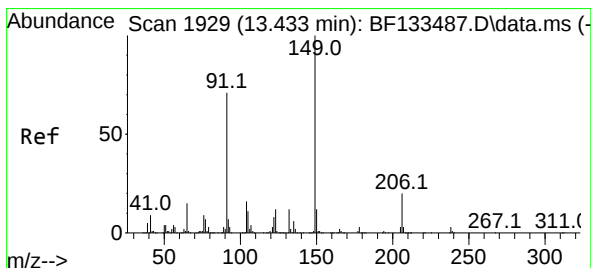
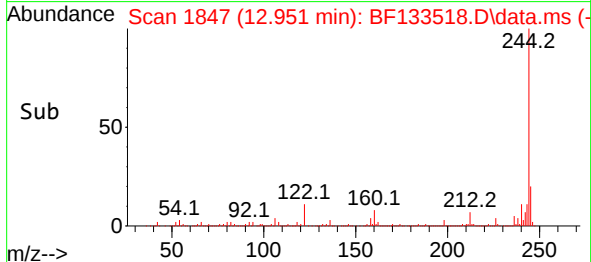
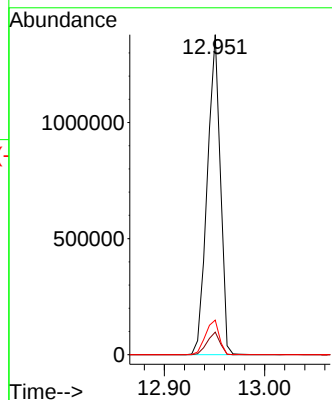


#79
 Terphenyl-d14
 Concen: 61.685 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: BF133518.D
 Acq: 30 May 2023 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB153070BS

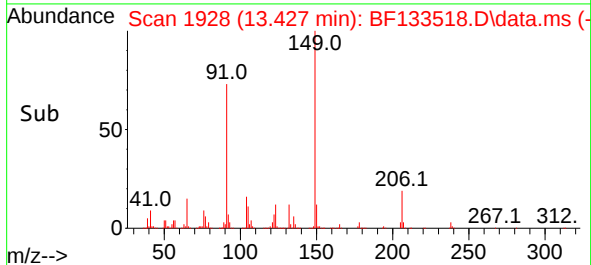
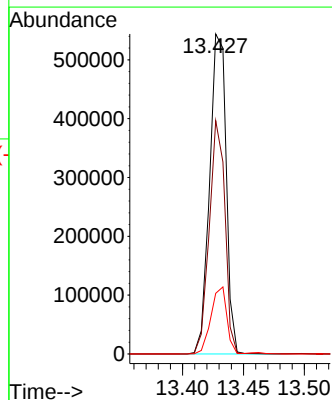
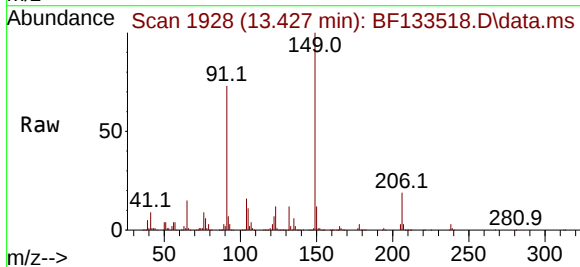


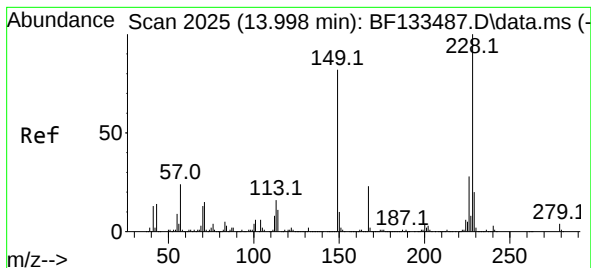
Tgt Ion:244 Resp: 1255171
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.8 8.5 12.7



#80
 Butylbenzylphthalate
 Concen: 42.057 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. -0.000 min
 Lab File: BF133518.D
 Acq: 30 May 2023 12:59

Tgt Ion:149 Resp: 512285
 Ion Ratio Lower Upper
 149 100
 91 72.9 56.9 85.3
 206 18.9 15.7 23.5





#81

Benzo(a)anthracene

Concen: 40.134 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

Instrument :

BNA_F

ClientSampleId :

PB153070BS

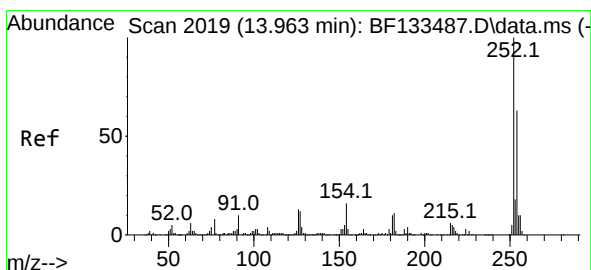
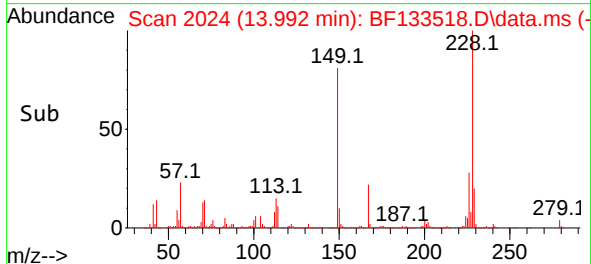
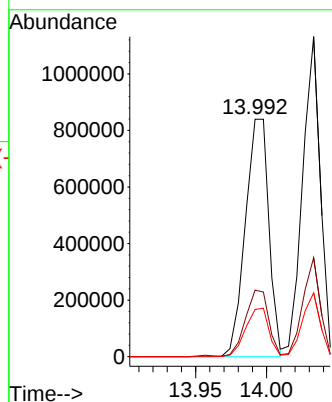
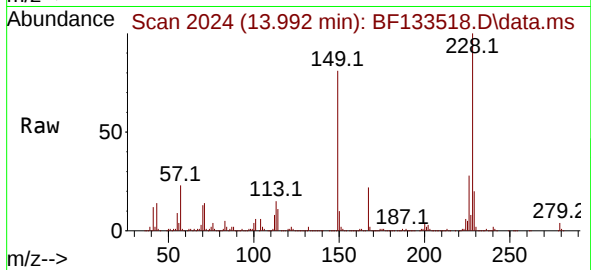
Tgt Ion:228 Resp: 967260

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

229 19.9 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 30.327 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

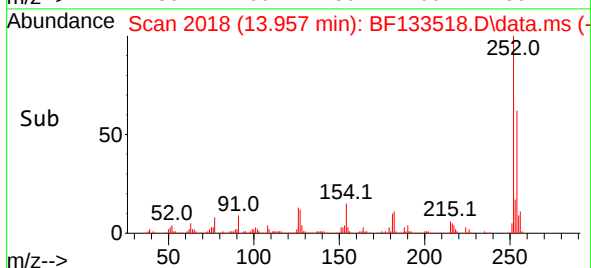
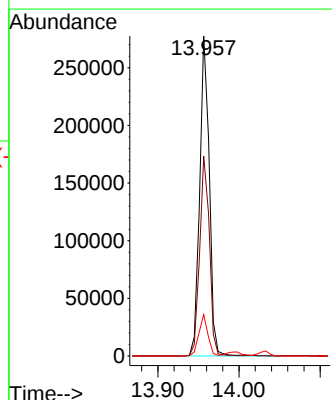
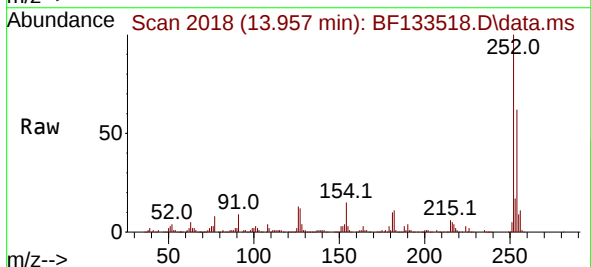
Tgt Ion:252 Resp: 228487

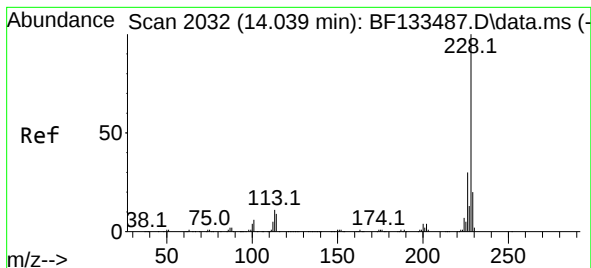
Ion Ratio Lower Upper

252 100

254 62.5 50.3 75.5

126 13.0 10.5 15.7





#83

Chrysene

Concen: 40.495 ng

RT: 14.033 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

Instrument :

BNA_F

ClientSampleId :

PB153070BS

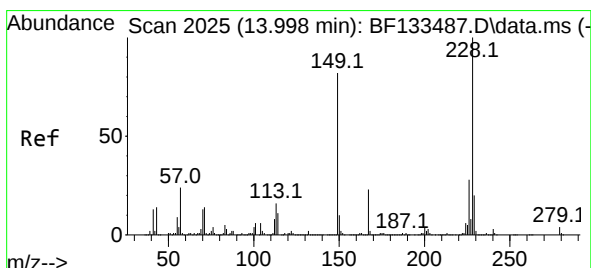
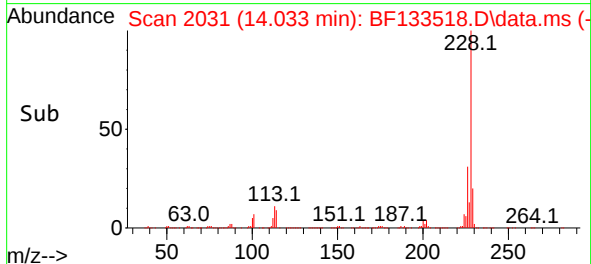
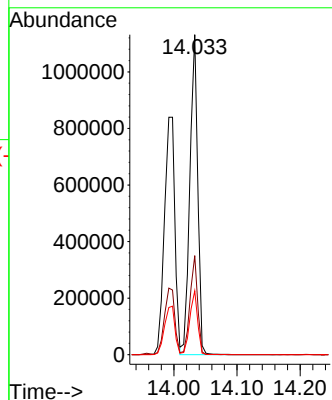
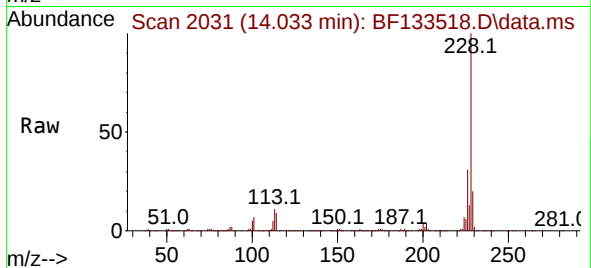
Tgt Ion:228 Resp: 985249

Ion Ratio Lower Upper

228 100

226 31.0 24.1 36.1

229 19.9 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.749 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.006 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

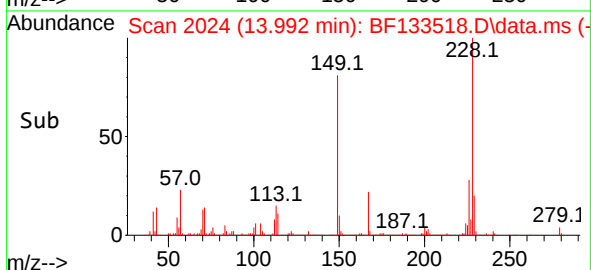
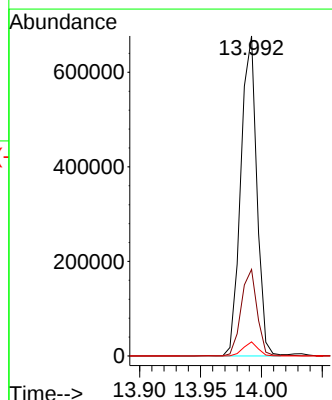
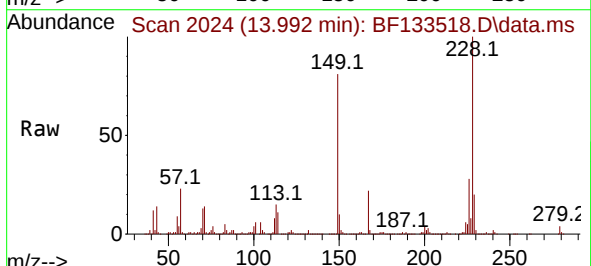
Tgt Ion:149 Resp: 620431

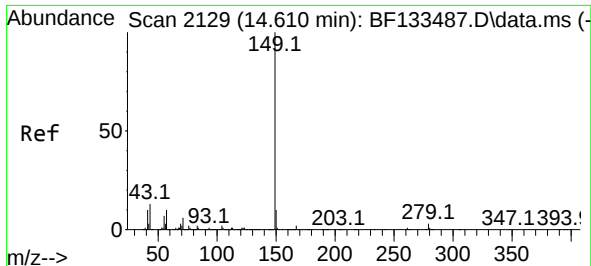
Ion Ratio Lower Upper

149 100

167 27.0 22.0 33.0

279 4.4 3.6 5.4

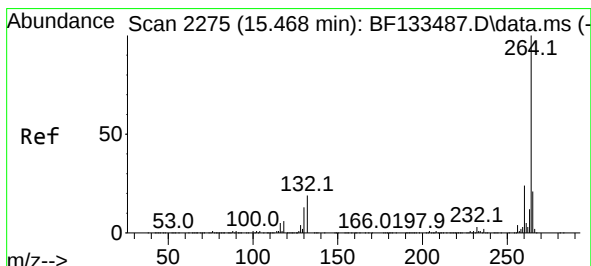
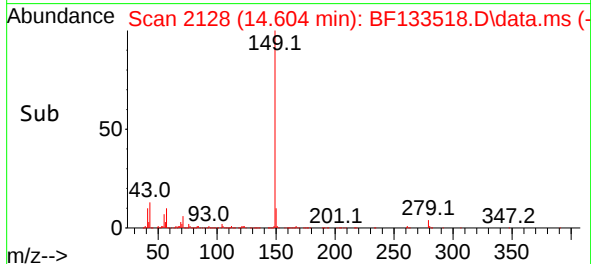
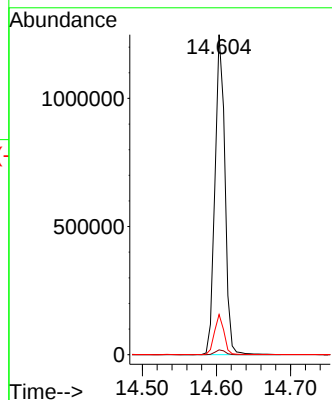
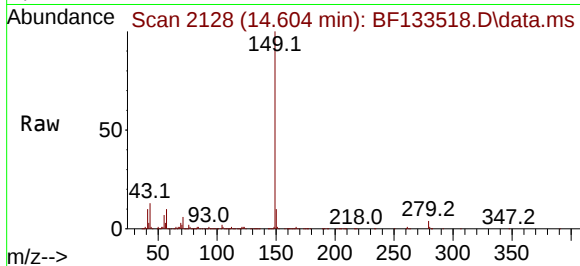




#85
Di-n-octyl phthalate
Concen: 45.765 ng
RT: 14.604 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

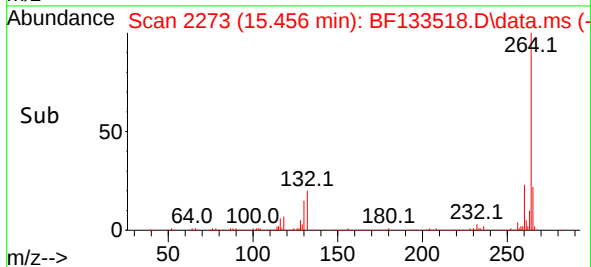
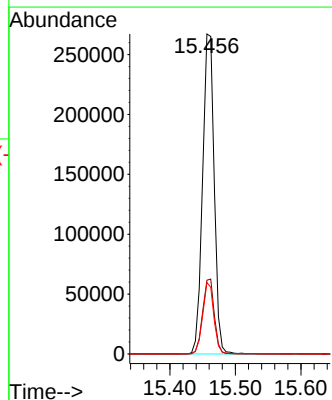
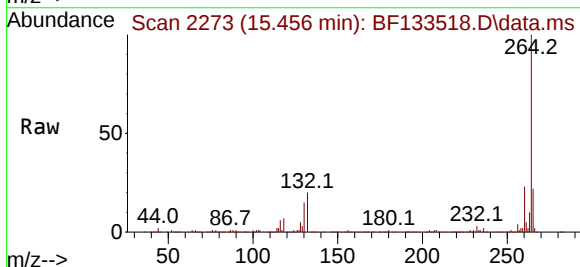
Instrument :
BNA_F
ClientSampleId :
PB153070BS

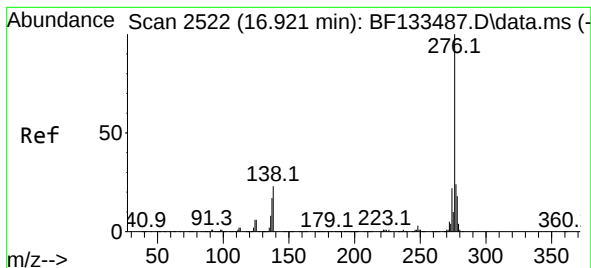
Tgt Ion:149 Resp: 1160781
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.0 10.0 15.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.456 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF133518.D
Acq: 30 May 2023 12:59

Tgt Ion:264 Resp: 330255
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.4
265 22.4 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.872 ng

RT: 16.915 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

Instrument :

BNA_F

ClientSampleId :

PB153070BS

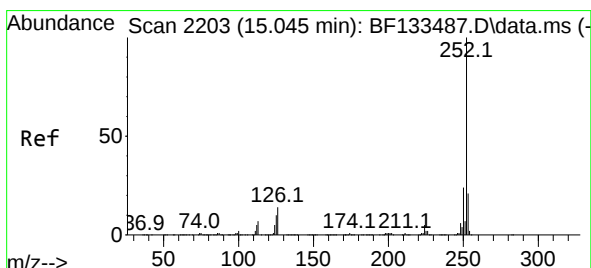
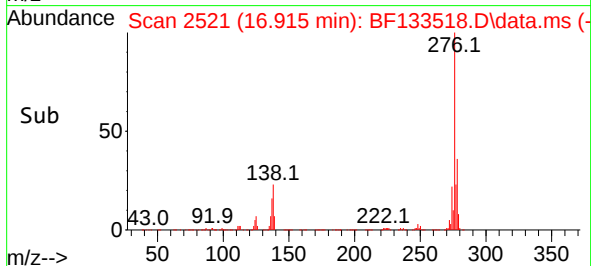
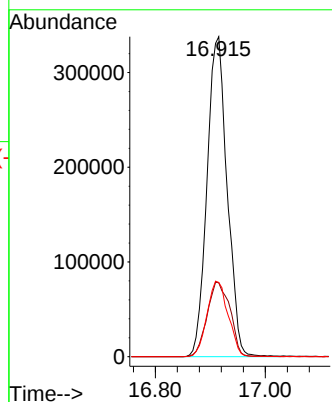
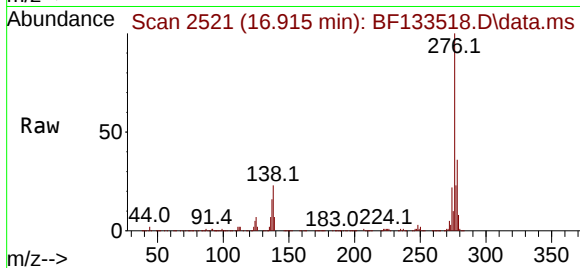
Tgt Ion:276 Resp: 859812

Ion Ratio Lower Upper

276 100

138 26.6 21.4 32.2

277 24.7 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 42.962 ng

RT: 15.039 min Scan# 2202

Delta R.T. 0.006 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

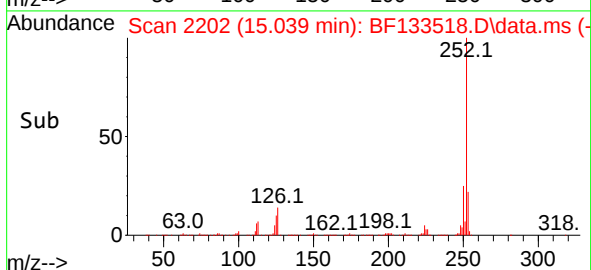
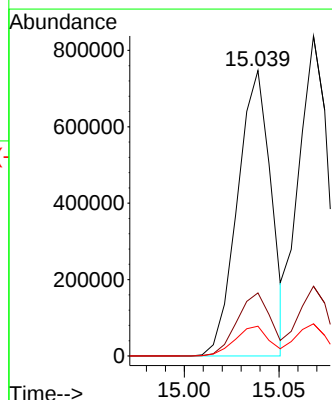
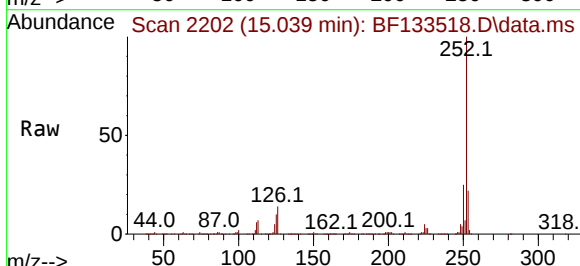
Tgt Ion:252 Resp: 923916

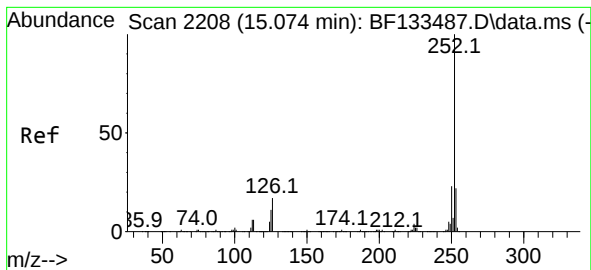
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 10.5 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 42.355 ng

RT: 15.068 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

Instrument :

BNA_F

ClientSampleId :

PB153070BS

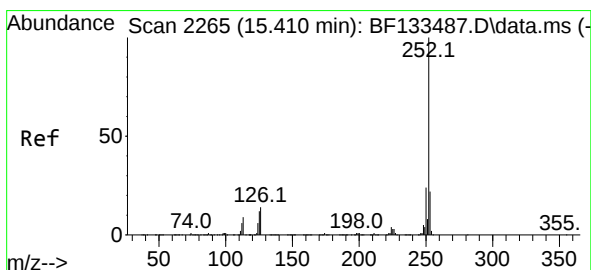
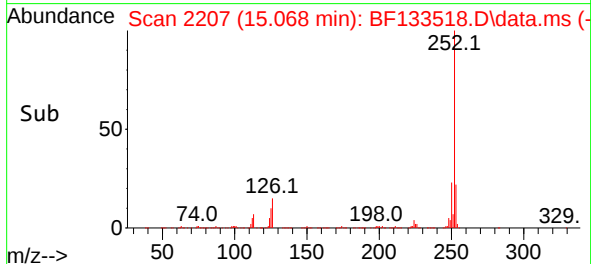
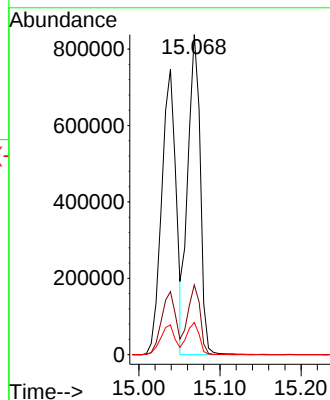
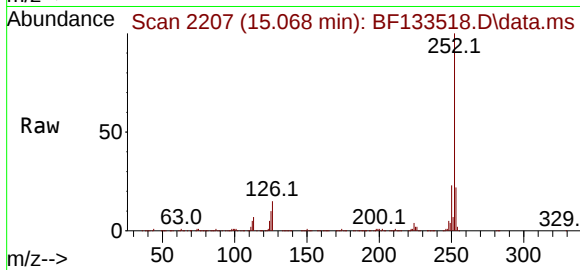
Tgt Ion:252 Resp: 888149

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 10.1 8.3 12.5



#90

Benzo(a)pyrene

Concen: 38.934 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.006 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

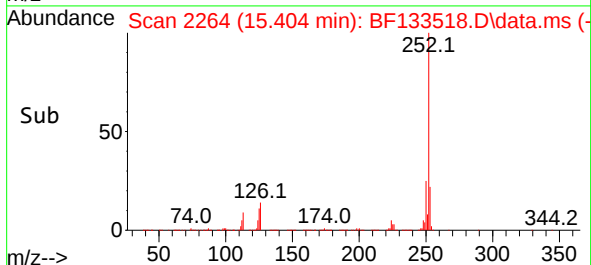
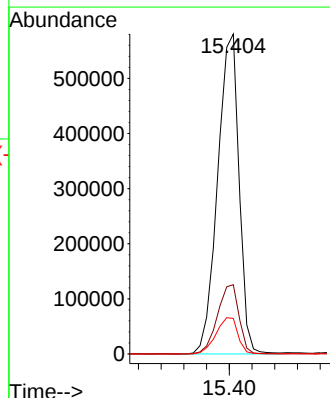
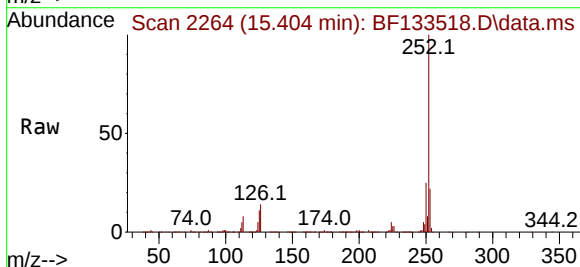
Tgt Ion:252 Resp: 761889

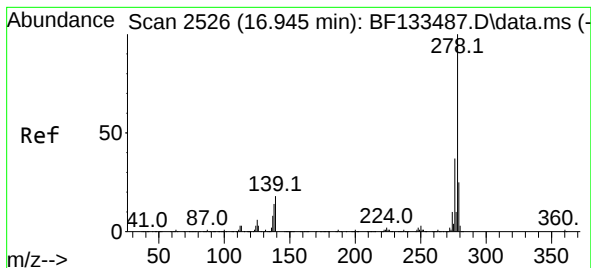
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 11.1 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 40.475 ng

RT: 16.933 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

Instrument :

BNA_F

ClientSampleId :

PB153070BS

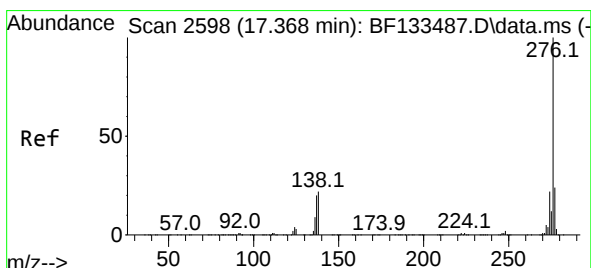
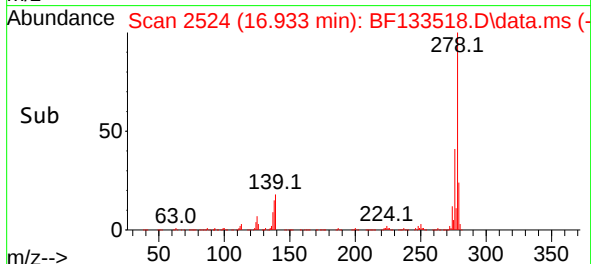
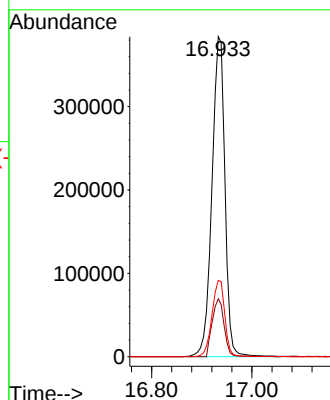
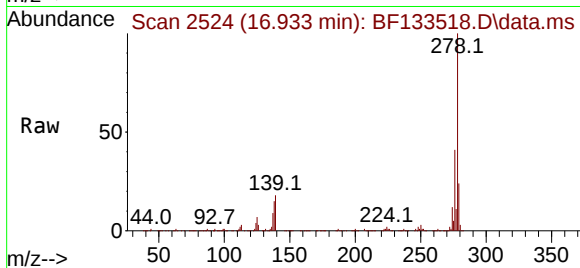
Tgt Ion:278 Resp: 690340

Ion Ratio Lower Upper

278 100

139 18.1 14.1 21.1

279 23.9 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 41.291 ng

RT: 17.356 min Scan# 2596

Delta R.T. 0.006 min

Lab File: BF133518.D

Acq: 30 May 2023 12:59

Tgt Ion:276 Resp: 710121

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 22.5 17.8 26.6

