

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100522\
 Data File : BF130530.D
 Acq On : 05 Oct 2022 13:53
 Operator : CG\JU
 Sample : PB148087BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148087BS

Quant Time: Oct 06 01:10:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 06 01:07:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	99565	20.000	ng	0.00
21) Naphthalene-d8	7.916	136	383794	20.000	ng	0.00
39) Acenaphthene-d10	9.669	164	206983	20.000	ng	0.00
64) Phenanthrene-d10	11.145	188	355581	20.000	ng	0.00
76) Chrysene-d12	13.780	240	194930	20.000	ng	0.00
86) Perylene-d12	15.163	264	167214	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	768674	133.906	ng	0.02
7) Phenol-d6	6.287	99	938166	130.617	ng	0.00
23) Nitrobenzene-d5	7.204	82	589153	78.425	ng	0.00
42) 2,4,6-Tribromophenol	10.463	330	288180	145.304	ng	0.00
45) 2-Fluorobiphenyl	8.992	172	1111565	78.202	ng	0.00
79) Terphenyl-d14	12.733	244	1130489	96.068	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.316	88	106370	40.348	ng	98
3) Pyridine	2.987	79	243016	35.337	ng	97
4) n-Nitrosodimethylamine	2.952	42	148014	39.572	ng	92
6) Aniline	6.298	93	343108	38.770	ng	# 27
8) 2-Chlorophenol	6.422	128	292919	44.795	ng	92
9) Benzaldehyde	6.181	77	123699	25.711	ng	99
10) Phenol	6.298	94	355896	42.282	ng	# 72
11) bis(2-Chloroethyl)ether	6.375	93	266118	43.833	ng	97
12) 1,3-Dichlorobenzene	6.569	146	312265	43.399	ng	97
13) 1,4-Dichlorobenzene	6.651	146	316546	43.142	ng	98
14) 1,2-Dichlorobenzene	6.798	146	301085	43.927	ng	99
15) Benzyl Alcohol	6.787	79	226494	39.772	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.916	45	335196	37.854	ng	84
17) 2-Methylphenol	6.904	107	236866	44.560	ng	96
18) Hexachloroethane	7.140	117	120054	41.509	ng	98
19) n-Nitroso-di-n-propyla...	7.057	70	196921	40.630	ng	95
20) 3+4-Methylphenols	7.057	107	296709	42.968	ng	# 70
22) Acetophenone	7.051	105	411129	43.815	ng	92
24) Nitrobenzene	7.222	77	307882	40.362	ng	97
25) Isophorone	7.463	82	533981	44.101	ng	98
26) 2-Nitrophenol	7.540	139	151396	48.416	ng	87
27) 2,4-Dimethylphenol	7.581	122	244438	50.769	ng	99
28) bis(2-Chloroethoxy)met...	7.675	93	319160	46.812	ng	99
29) 2,4-Dichlorophenol	7.781	162	234809	44.504	ng	99
30) 1,2,4-Trichlorobenzene	7.857	180	243770	42.734	ng	97
31) Naphthalene	7.940	128	830888	42.022	ng	99
32) Benzoic acid	7.740	122	135728	36.453	ng	87
33) 4-Chloroaniline	7.992	127	274922	36.558	ng	99
34) Hexachlorobutadiene	8.051	225	152752	41.901	ng	99
35) Caprolactam	8.375	113	43911	29.031	ng	86
36) 4-Chloro-3-methylphenol	8.487	107	263658	45.084	ng	97
37) 2-Methylnaphthalene	8.628	142	535972	42.514	ng	99
38) 1-Methylnaphthalene	8.728	142	512333	42.304	ng	99
40) 1,2,4,5-Tetrachloroben...	8.792	216	246918	43.713	ng	99
41) Hexachlorocyclopentadiene	8.781	237	221050	73.093	ng	98
43) 2,4,6-Trichlorophenol	8.910	196	161650	41.004	ng	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.957	196	171576	40.332	ng	96
46) 1,1'-Biphenyl	9.092	154	662711	42.871	ng	99
47) 2-Chloronaphthalene	9.116	162	516787	41.327	ng	99
48) 2-Nitroaniline	9.222	65	166242	39.859	ng	93
49) Acenaphthylene	9.528	152	780536	41.630	ng	100
50) Dimethylphthalate	9.404	163	605438	42.346	ng	99
51) 2,6-Dinitrotoluene	9.469	165	137552	46.002	ng	# 75
52) Acenaphthene	9.704	154	470247	38.173	ng	98
53) 3-Nitroaniline	9.634	138	118815	35.660	ng	97
54) 2,4-Dinitrophenol	9.745	184	121412	75.253	ng	89
55) Dibenzofuran	9.875	168	716027	41.789	ng	98
56) 4-Nitrophenol	9.816	139	173862	71.643	ng	# 84
57) 2,4-Dinitrotoluene	9.869	165	179768	47.042	ng	95
58) Fluorene	10.216	166	586325	41.842	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.998	232	135075	40.566	ng	96
60) Diethylphthalate	10.104	149	589873	41.142	ng	97
61) 4-Chlorophenyl-phenyle...	10.210	204	265413	43.176	ng	97
62) 4-Nitroaniline	10.251	138	129642	38.732	ng	91
63) Azobenzene	10.369	77	568457	38.504	ng	97
65) 4,6-Dinitro-2-methylph...	10.275	198	86356	43.627	ng	99
66) n-Nitrosodiphenylamine	10.334	169	495338	41.687	ng	99
67) 4-Bromophenyl-phenylether	10.698	248	172124	43.880	ng	93
68) Hexachlorobenzene	10.757	284	197776	44.478	ng	97
69) Atrazine	10.863	200	159750	46.004	ng	98
70) Pentachlorophenol	10.957	266	164062	68.748	ng	99
71) Phenanthrene	11.175	178	822530	41.201	ng	100
72) Anthracene	11.228	178	841632	43.686	ng	99
73) Carbazole	11.386	167	752167	43.261	ng	99
74) Di-n-butylphthalate	11.716	149	876391	41.799	ng	99
75) Fluoranthene	12.357	202	811553	42.069	ng	99
77) Benzidine	12.486	184	311150	54.987	ng	99
78) Pyrene	12.586	202	799224	46.868	ng	100
80) Butylbenzylphthalate	13.210	149	283790	44.923	ng	97
81) Benzo(a)anthracene	13.769	228	552826	42.631	ng	99
82) 3,3'-Dichlorobenzidine	13.739	252	165715	46.946	ng	98
83) Chrysene	13.804	228	520713	42.290	ng	98
84) Bis(2-ethylhexyl)phtha...	13.769	149	305825	42.264	ng	# 99
85) Di-n-octyl phthalate	14.380	149	436112	39.404	ng	97
87) Indeno(1,2,3-cd)pyrene	16.486	276	551075	46.474	ng	99
88) Benzo(b)fluoranthene	14.780	252	519488	47.598	ng	98
89) Benzo(k)fluoranthene	14.804	252	470911	43.863	ng	100
90) Benzo(a)pyrene	15.110	252	432697	50.043	ng	99
91) Dibenzo(a,h)anthracene	16.498	278	468777	48.190	ng	100
92) Benzo(g,h,i)perylene	16.880	276	485309	49.526	ng	99

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

Instrument :

BNA F

ClientSampleId :

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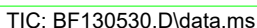
Quant Time: Oct 06 01:10:30 2022

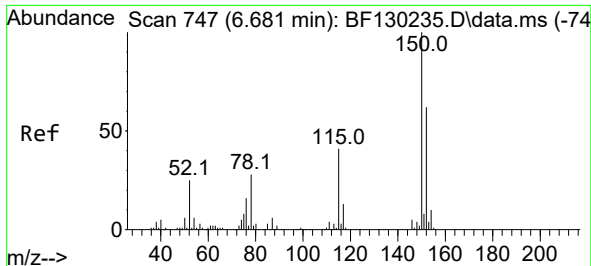
Quant Method : Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF091422.M

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QLast Update : Thu Oct 06 01:07:05 2022

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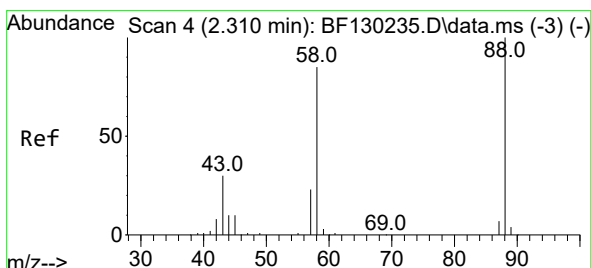
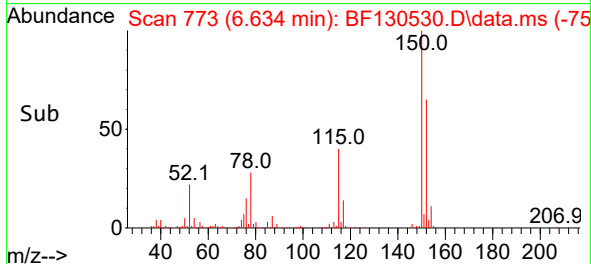
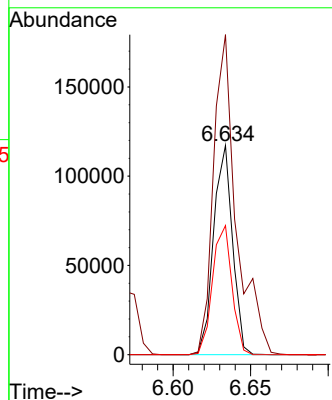
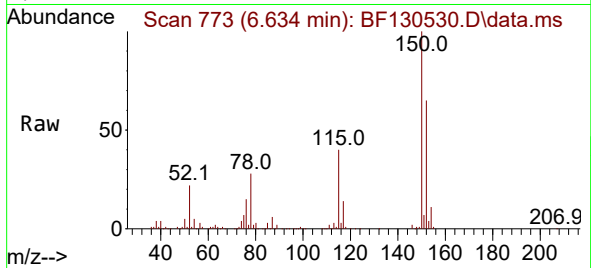




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF130530.D
 Acq: 05 Oct 2022 13:53

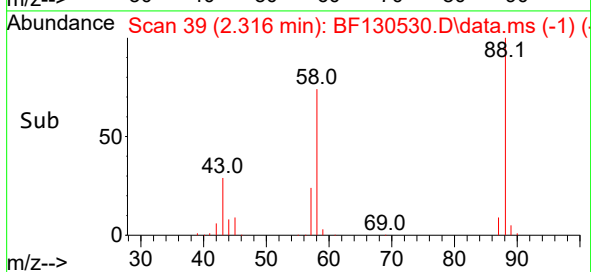
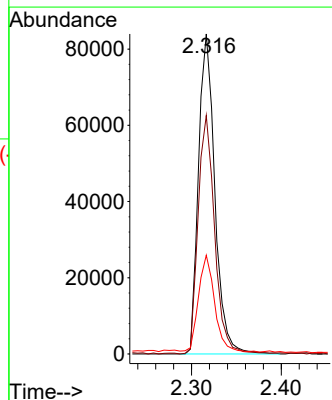
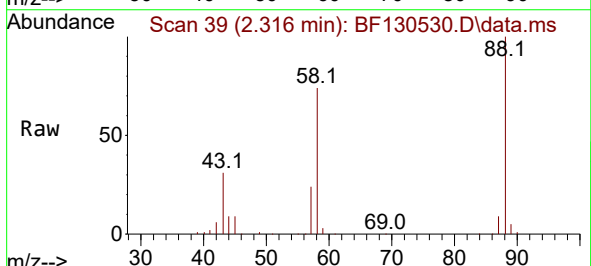
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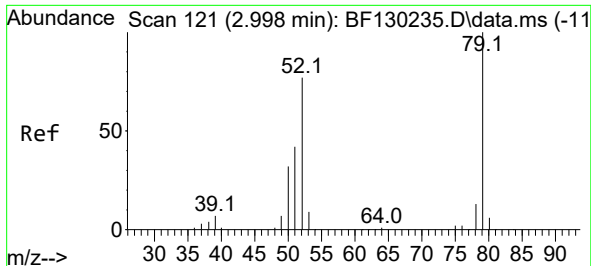
Tgt Ion:152 Resp: 99565
 Ion Ratio Lower Upper
 152 100
 150 152.9 122.8 184.2
 115 61.7 53.8 80.8



#2
 1,4-Dioxane
 Concen: 40.348 ng
 RT: 2.316 min Scan# 39
 Delta R.T. 0.094 min
 Lab File: BF130530.D
 Acq: 05 Oct 2022 13:53

Tgt Ion: 88 Resp: 106370
 Ion Ratio Lower Upper
 88 100
 58 75.4 61.3 91.9
 43 29.9 23.0 34.6

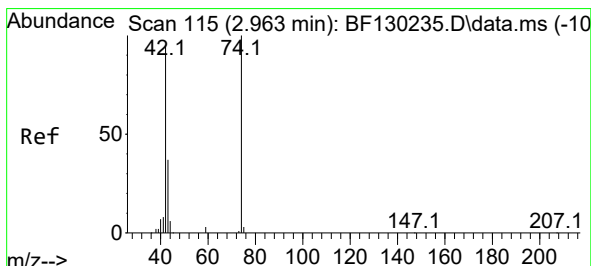
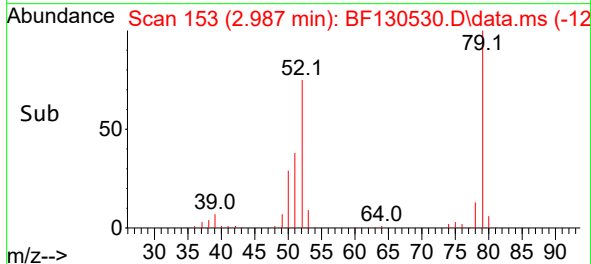
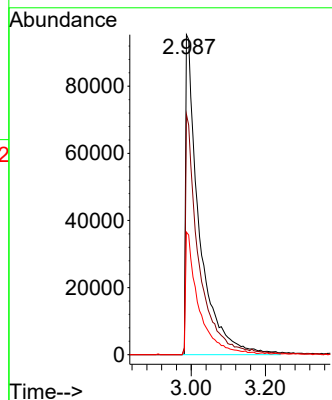
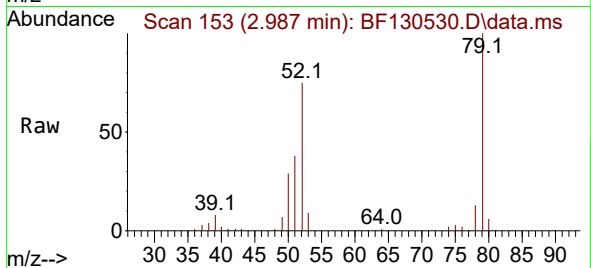




#3
Pyridine
Concen: 35.337 ng
RT: 2.987 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

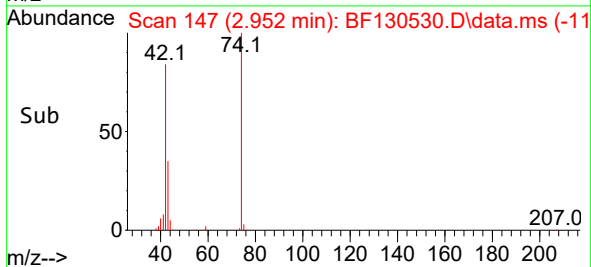
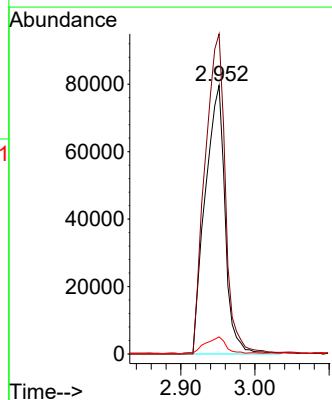
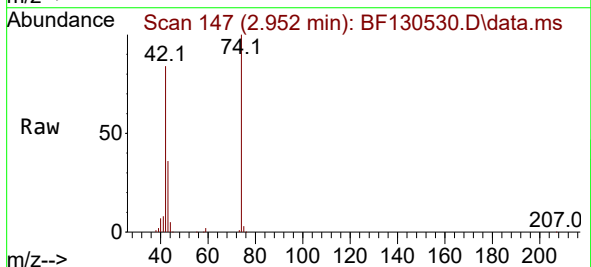
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BNA_F
ClientSampleId :
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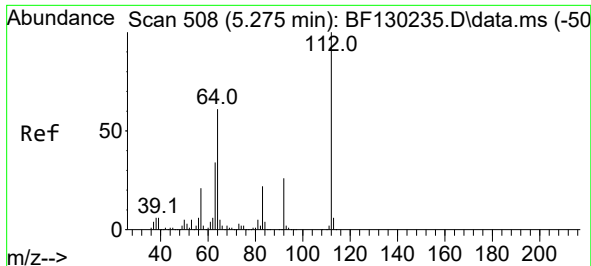
Tgt Ion: 79 Resp: 243016
Ion Ratio Lower Upper
79 100
52 75.1 62.4 93.6
51 38.3 32.2 48.4



#4
n-Nitrosodimethylamine
Concen: 39.572 ng
RT: 2.952 min Scan# 147
Delta R.T. 0.094 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion: 42 Resp: 148014
Ion Ratio Lower Upper
42 100
74 119.2 88.4 132.6
44 6.4 5.0 7.4

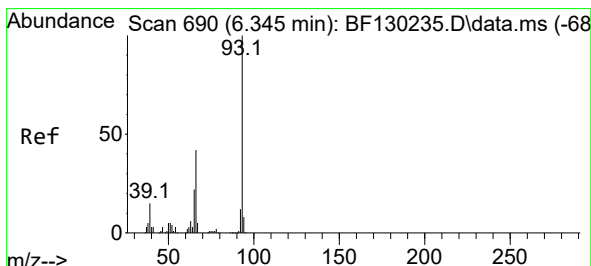
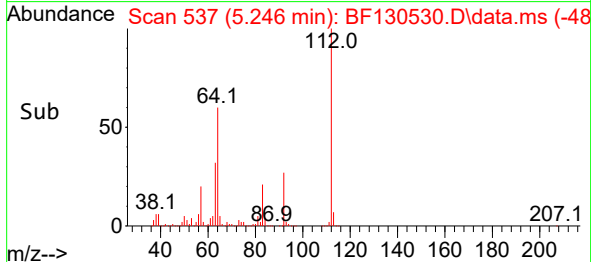
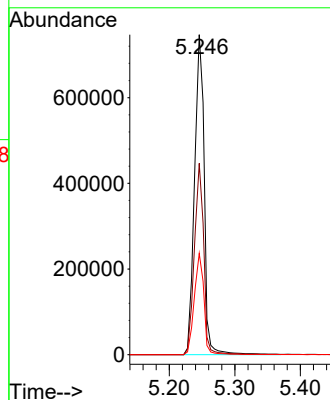
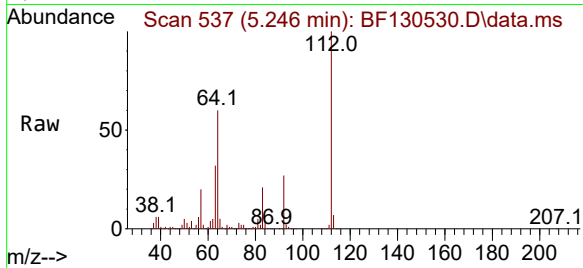




#5
2-Fluorophenol
Concen: 133.906 ng
RT: 5.246 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

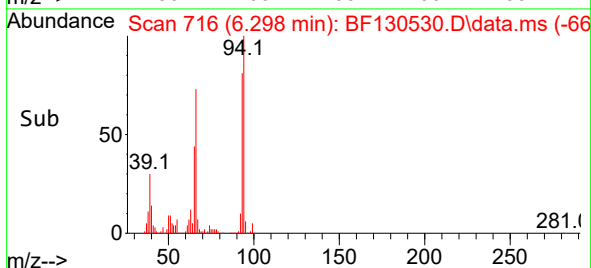
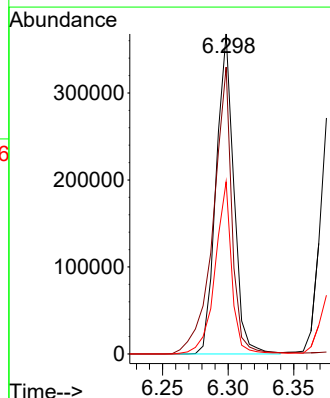
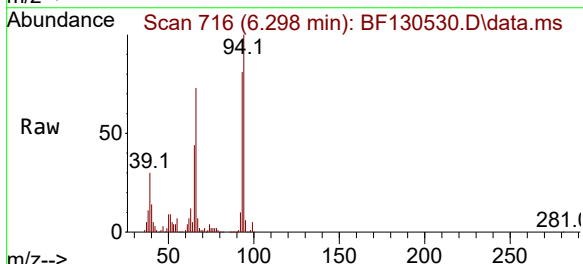
Instrument :
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ClientSampleId :
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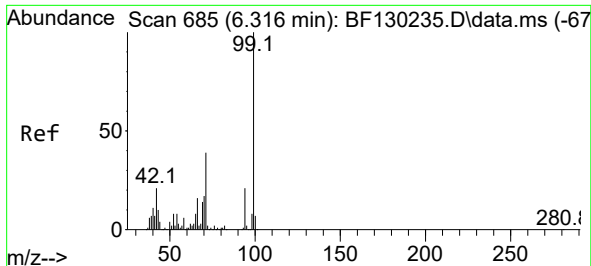
Tgt Ion:112 Resp: 768674
Ion Ratio Lower Upper
112 100
64 59.8 51.4 77.0
63 31.6 28.8 43.2



#6
Aniline
Concen: 38.770 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion: 93 Resp: 343108
Ion Ratio Lower Upper
93 100
66 89.6 34.2 51.4#
65 53.8 16.6 24.8#

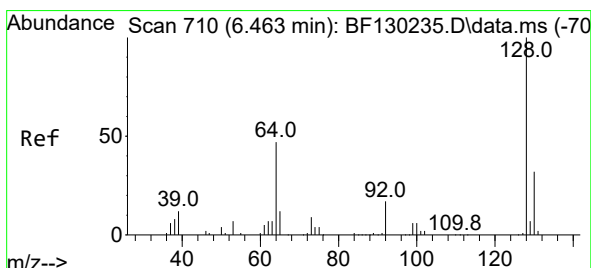
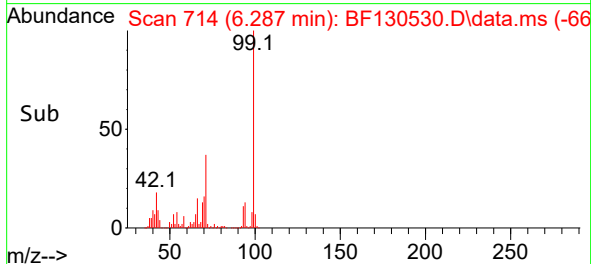
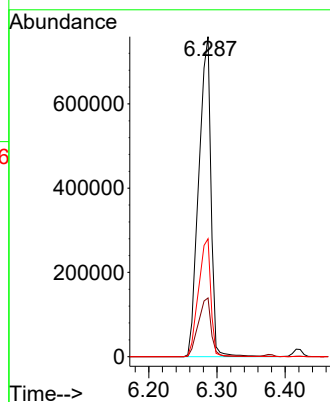
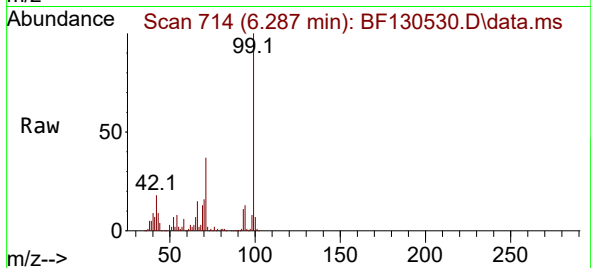




#7
Phenol-d6
Concen: 130.617 ng
RT: 6.287 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

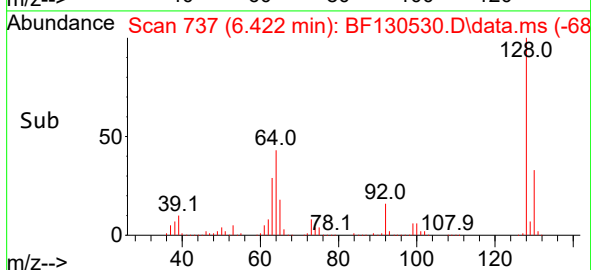
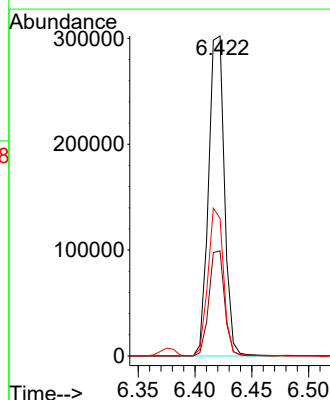
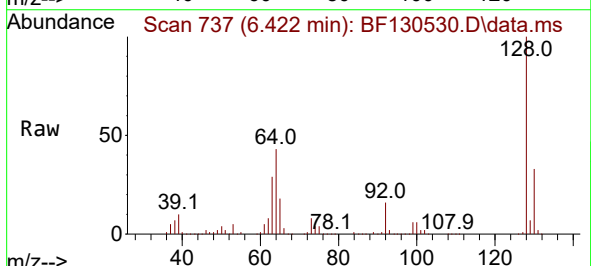
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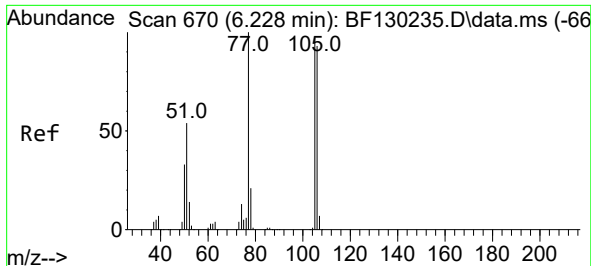
Tgt Ion: 99 Resp: 938166
Ion Ratio Lower Upper
99 100
42 18.3 17.0 25.6
71 36.8 32.3 48.5



#8
2-Chlorophenol
Concen: 44.795 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion:128 Resp: 292919
Ion Ratio Lower Upper
128 100
130 32.9 12.4 52.4
64 43.0 31.6 71.6

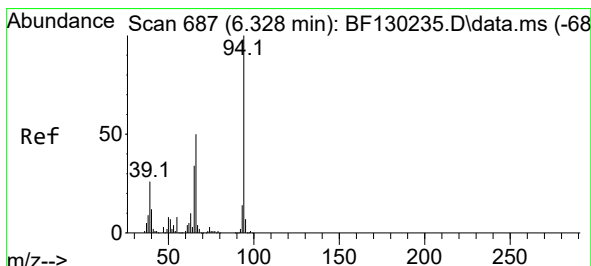
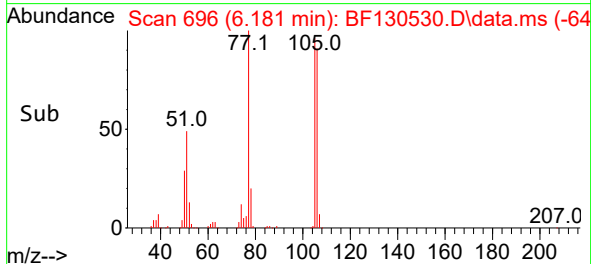
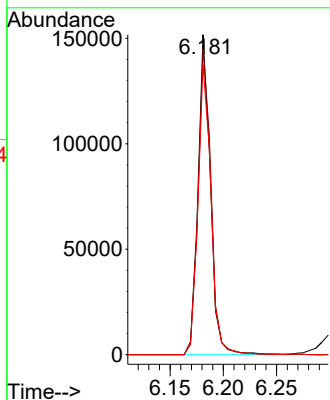
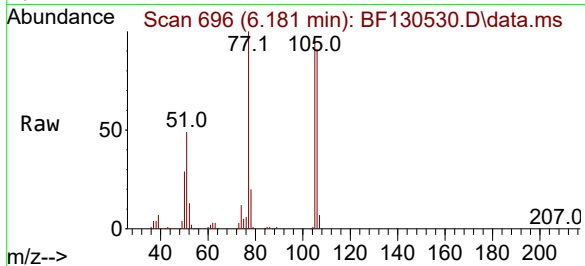




#9
Benzaldehyde
Concen: 25.711 ng
RT: 6.181 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

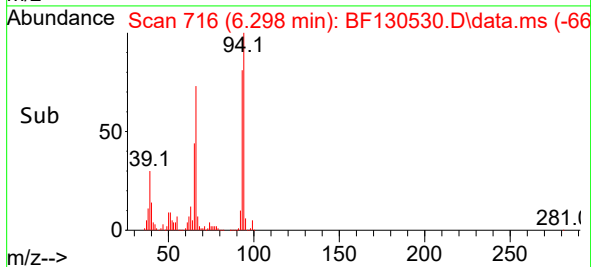
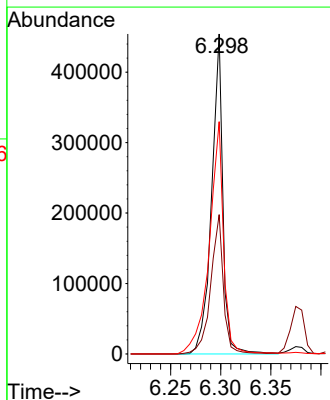
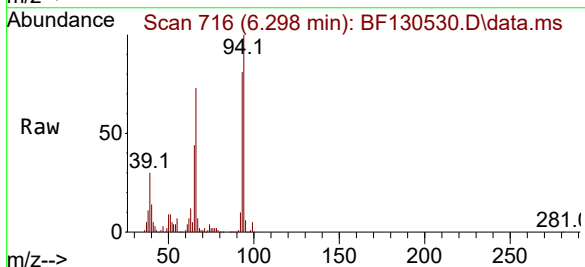
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ClientSampleId :
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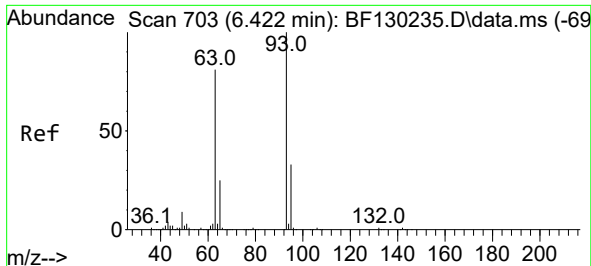
Tgt Ion: 77 Resp: 123699
Ion Ratio Lower Upper
77 100
105 95.6 75.1 115.1
106 90.6 69.7 109.7



#10
Phenol
Concen: 42.282 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion: 94 Resp: 355896
Ion Ratio Lower Upper
94 100
65 43.6 14.1 54.1
66 72.6 28.1 68.1#





#11

bis(2-Chloroethyl)ether

Concen: 43.833 ng

RT: 6.375 min Scan# 703

Delta R.T. 0.000 min

Lab File: BF130530.D

Acq: 05 Oct 2022 13:53

Instrument :

BNA_F

ClientSampleId :

PB148087BS

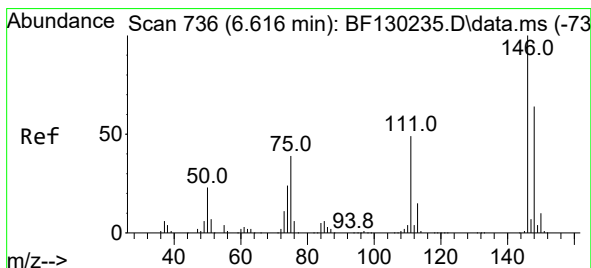
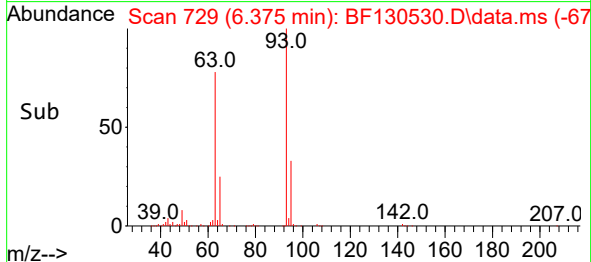
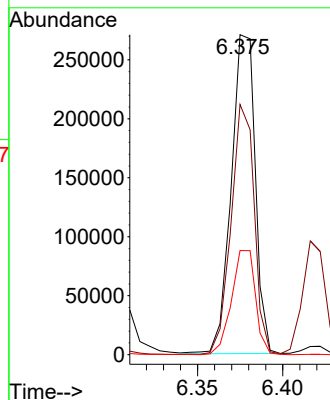
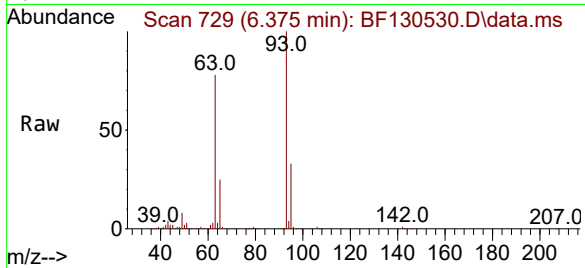
Tgt Ion: 93 Resp: 266118

Ion Ratio Lower Upper

93 100

63 78.2 62.5 102.5

95 32.6 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 43.399 ng

RT: 6.569 min Scan# 762

Delta R.T. 0.000 min

Lab File: BF130530.D

Acq: 05 Oct 2022 13:53

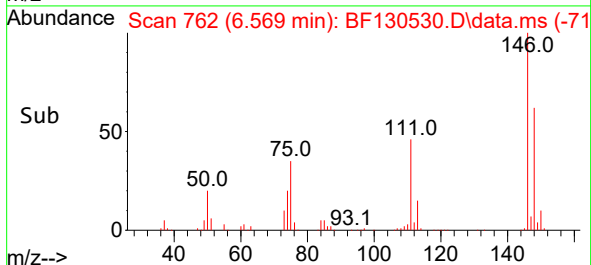
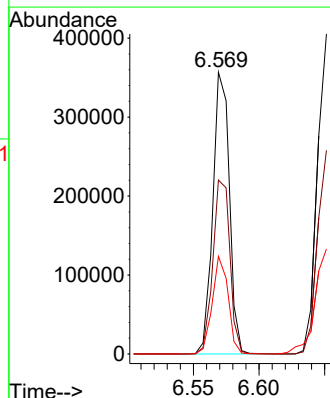
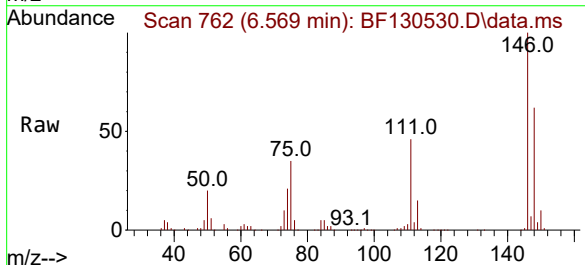
Tgt Ion:146 Resp: 312265

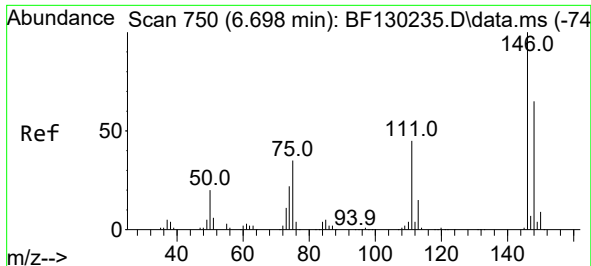
Ion Ratio Lower Upper

146 100

148 61.8 51.4 77.2

75 34.6 28.8 43.2

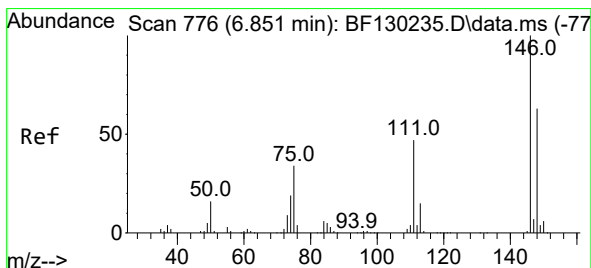
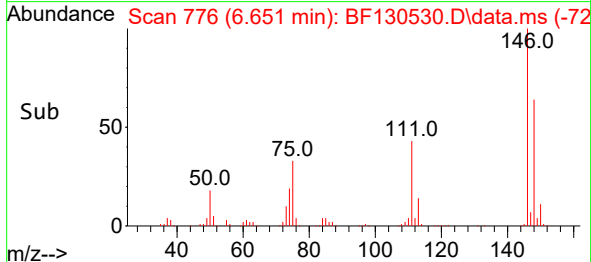
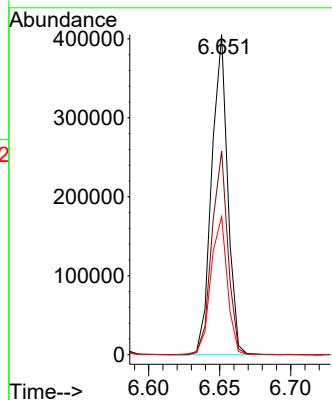
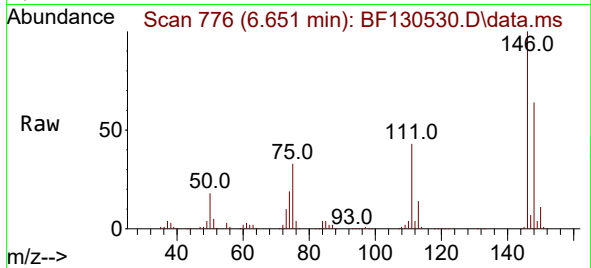




#13
1,4-Dichlorobenzene
Concen: 43.142 ng
RT: 6.651 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

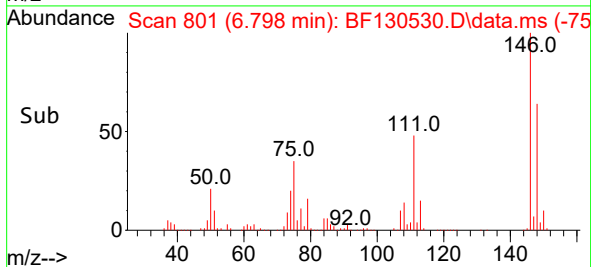
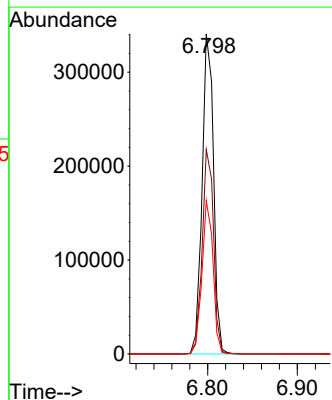
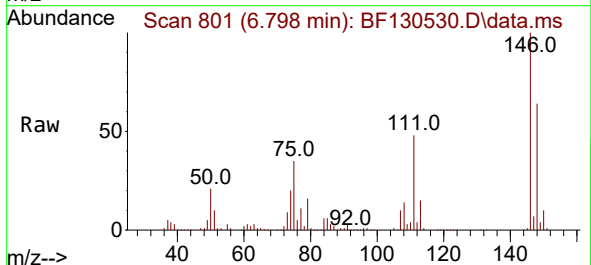
Instrument :
BNA_F
ClientSampleId :
PB148087BS

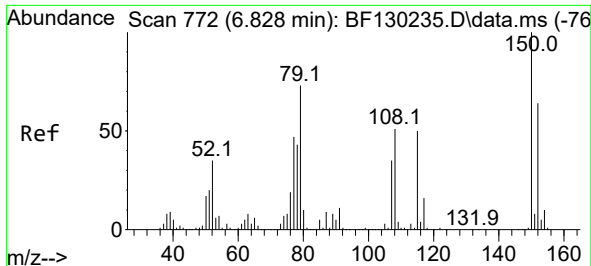
Tgt Ion:146 Resp: 316546
Ion Ratio Lower Upper
146 100
148 63.7 50.3 75.5
111 43.2 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 43.927 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion:146 Resp: 301085
Ion Ratio Lower Upper
146 100
148 63.9 51.6 77.4
111 47.9 39.2 58.8

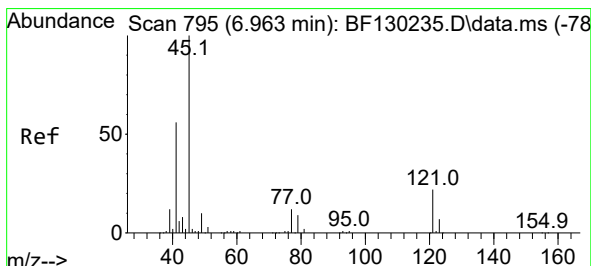
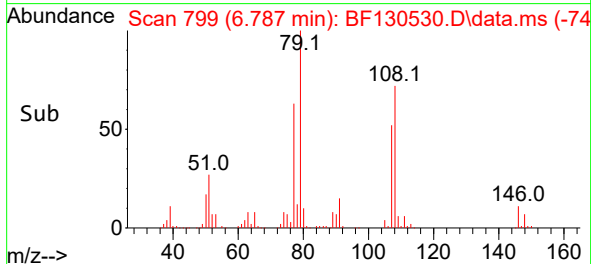
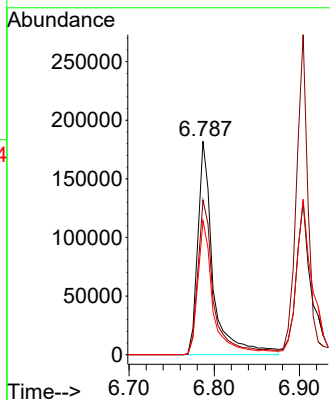
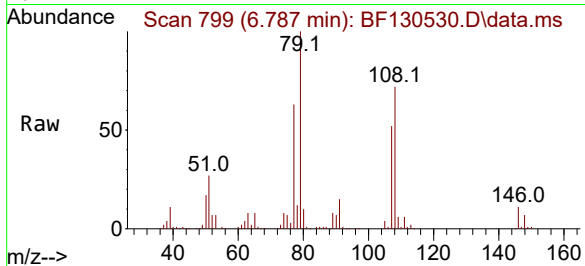




#15
Benzyl Alcohol
Concen: 39.772 ng
RT: 6.787 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

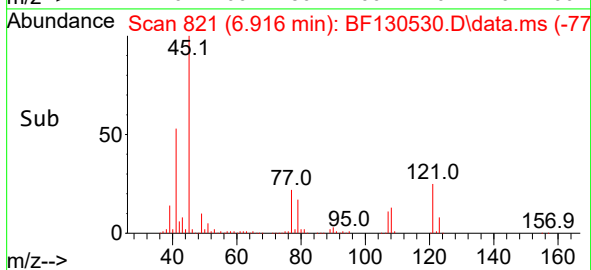
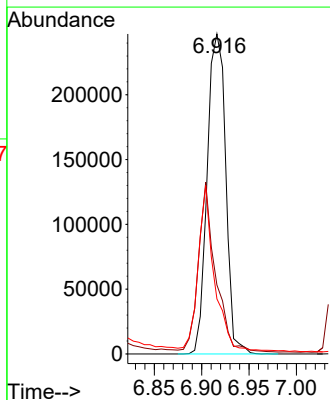
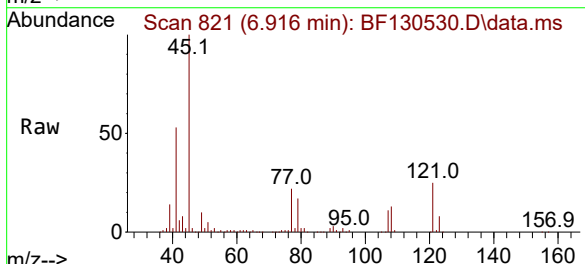
Instrument :
BNA_F
ClientSampleId :
PB148087BS

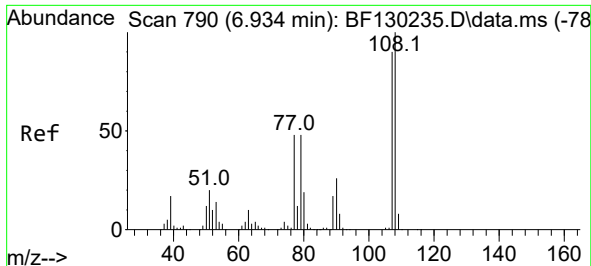
Tgt Ion: 79 Resp: 226494
Ion Ratio Lower Upper
79 100
108 72.4 54.0 81.0
77 62.8 51.3 76.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.854 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion: 45 Resp: 335196
Ion Ratio Lower Upper
45 100
77 21.5 0.0 34.9
79 17.2 0.0 31.0

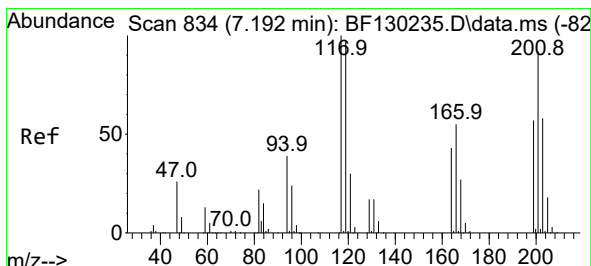
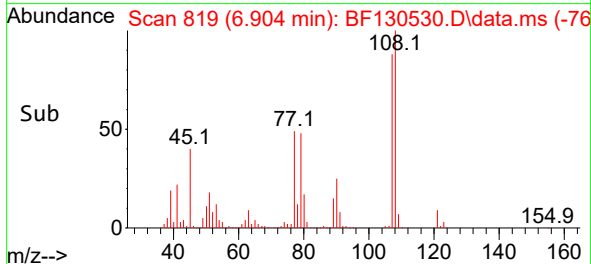
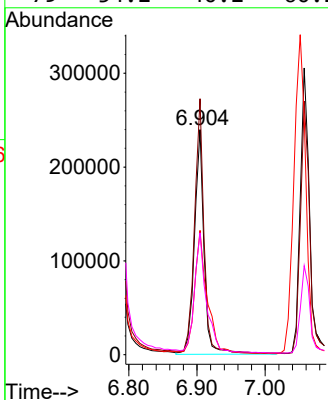
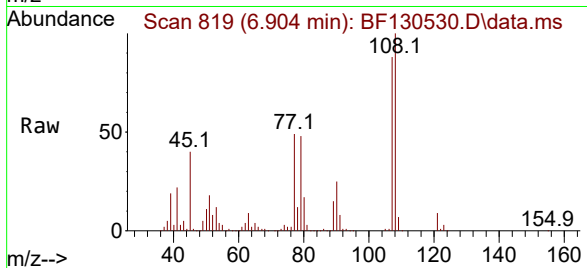




#17
2-Methylphenol
Concen: 44.560 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

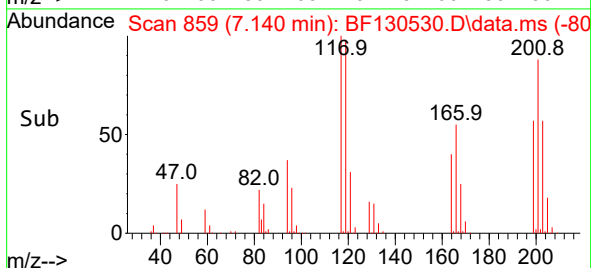
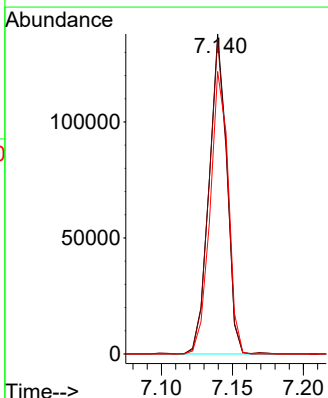
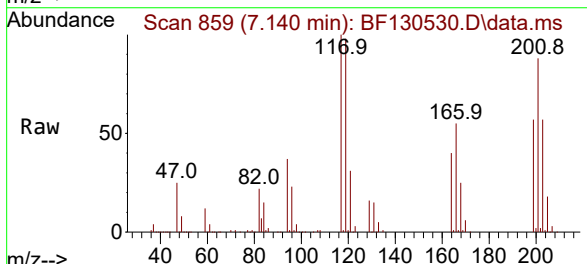
Instrument :
BNA_F
ClientSampleId :
PB148087BS

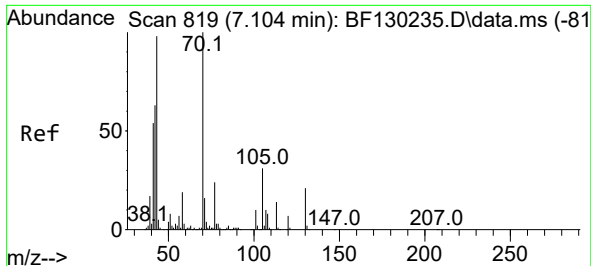
Tgt Ion:107 Resp: 236866
Ion Ratio Lower Upper
107 100
108 113.7 89.4 134.0
77 55.2 40.6 60.8
79 54.2 40.2 60.2



#18
Hexachloroethane
Concen: 41.509 ng
RT: 7.140 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion:117 Resp: 120054
Ion Ratio Lower Upper
117 100
119 98.2 77.8 116.6
201 88.2 68.7 103.1

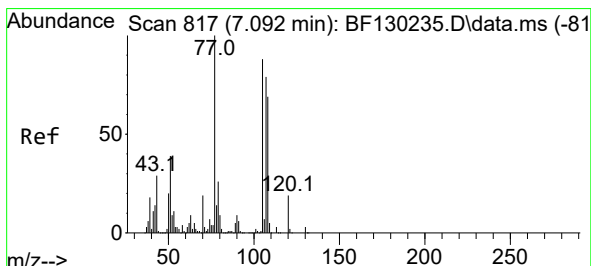
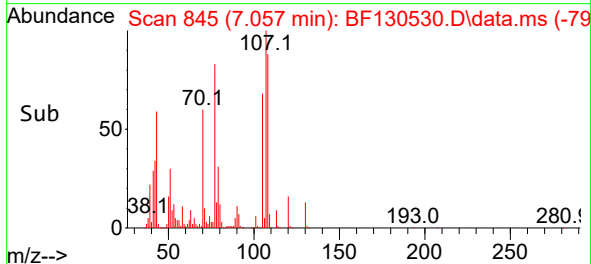
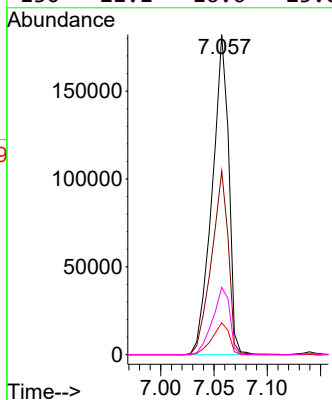
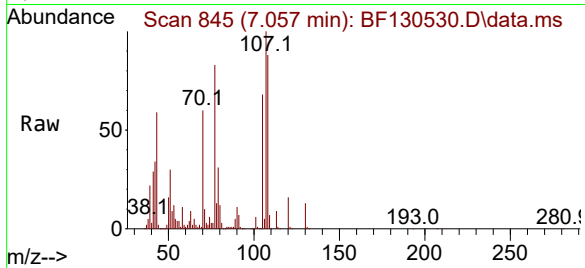




#19
n-Nitroso-di-n-propylamine
Concen: 40.630 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

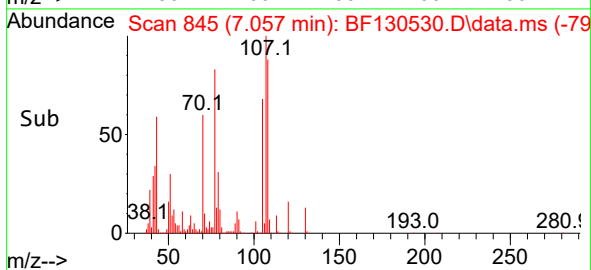
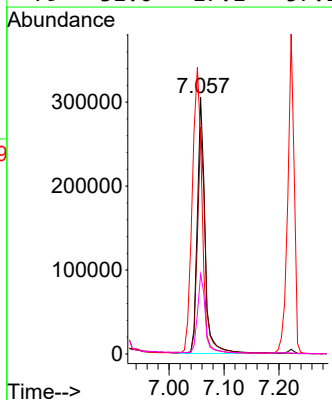
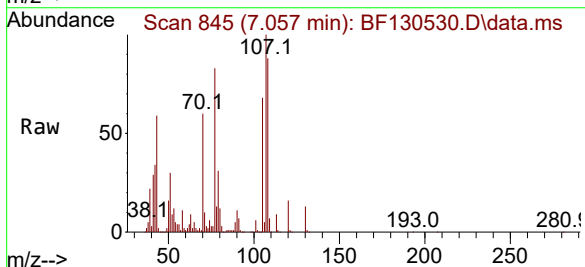
Instrument :
BNA_F
ClientSampleId :
PB148087BS

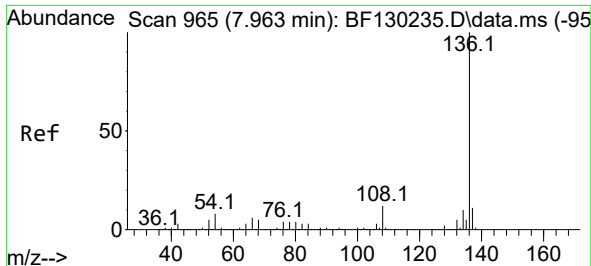
Tgt Ion: 70 Resp: 196921
Ion Ratio Lower Upper
70 100
42 57.4 50.8 76.2
101 10.0 8.2 12.4
130 21.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 42.968 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion: 107 Resp: 296709
Ion Ratio Lower Upper
107 100
108 88.4 74.8 114.8
77 83.3 125.8 165.8#
79 31.0 17.1 57.1

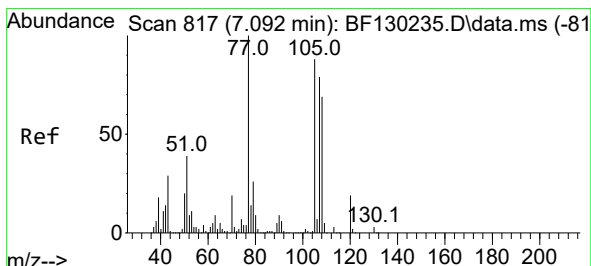
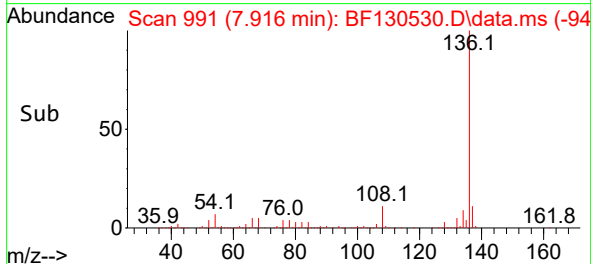
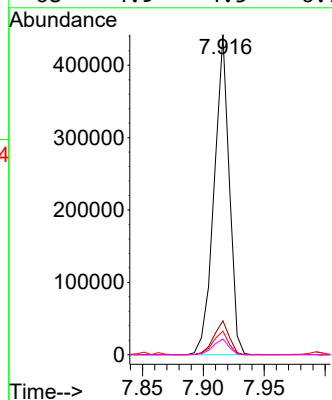
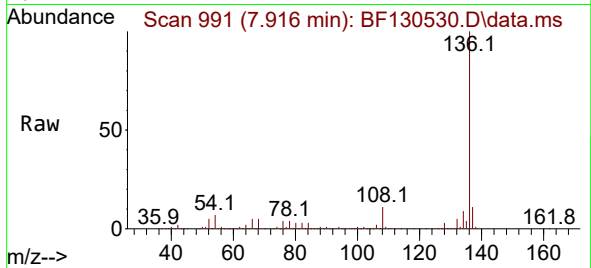




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

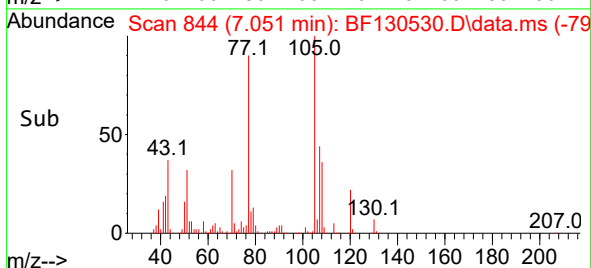
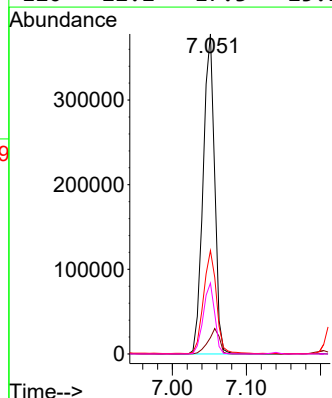
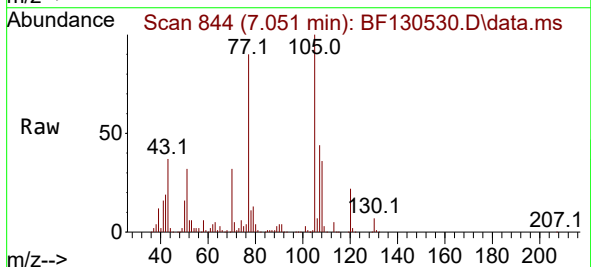
Instrument :
BNA_F
ClientSampleId :
PB148087BS

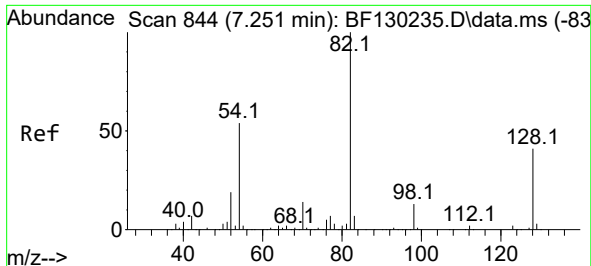
Tgt Ion:136 Resp: 383794
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 7.4 7.1 10.7
68 4.9 4.5 6.7



#22
Acetophenone
Concen: 43.815 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion:105 Resp: 411129
Ion Ratio Lower Upper
105 100
71 5.1 3.9 5.9
51 32.3 32.2 48.2
120 22.2 17.3 25.9

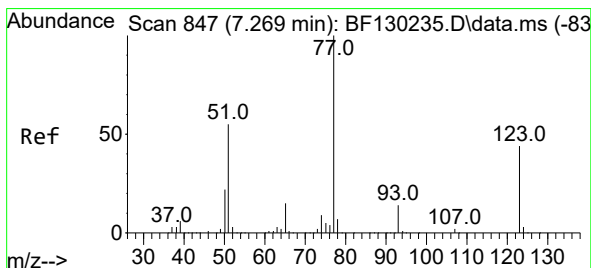
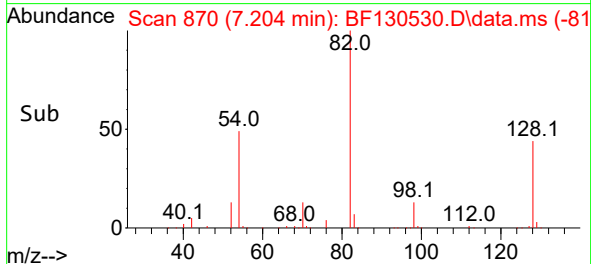
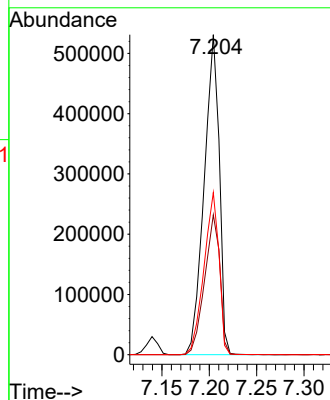
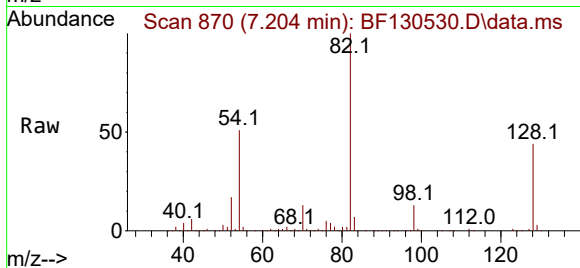




#23
Nitrobenzene-d5
Concen: 78.425 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

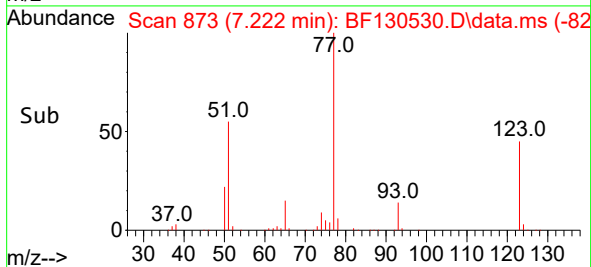
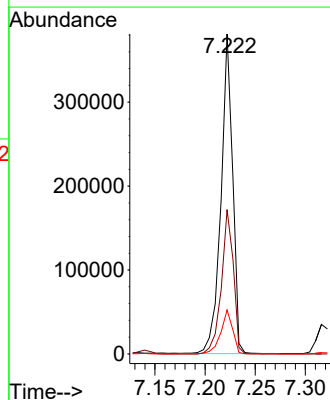
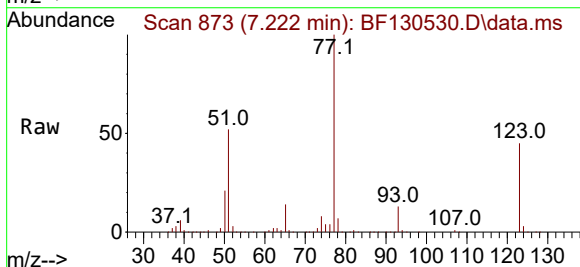
Instrument :
BNA_F
ClientSampleId :
PB148087BS

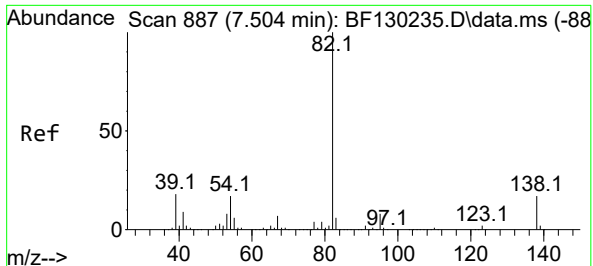
Tgt Ion: 82 Resp: 589153
Ion Ratio Lower Upper
82 100
128 43.7 32.6 49.0
54 50.7 43.8 65.6



#24
Nitrobenzene
Concen: 40.362 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion: 77 Resp: 307882
Ion Ratio Lower Upper
77 100
123 45.1 34.3 51.5
65 13.7 12.0 18.0

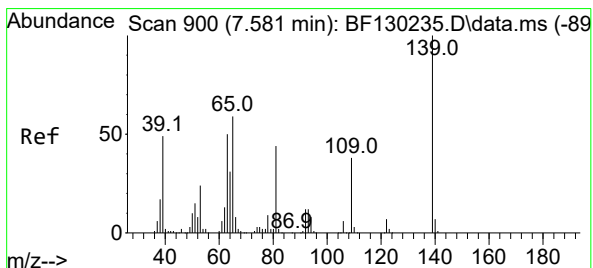
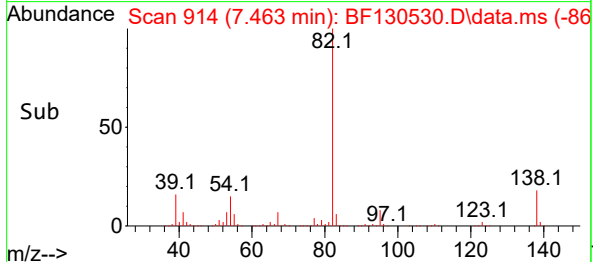
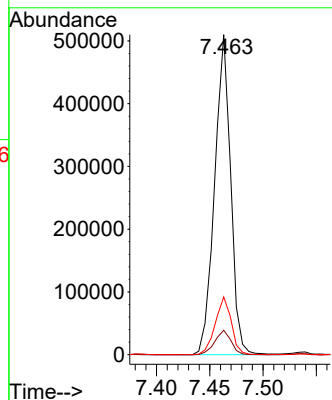
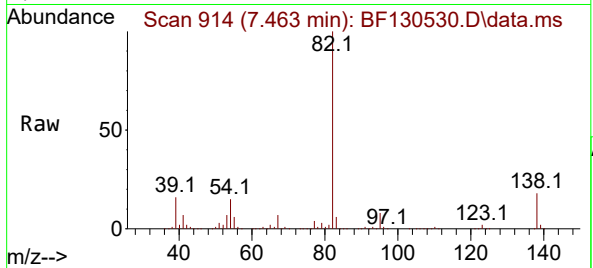




#25
Isophorone
Concen: 44.101 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

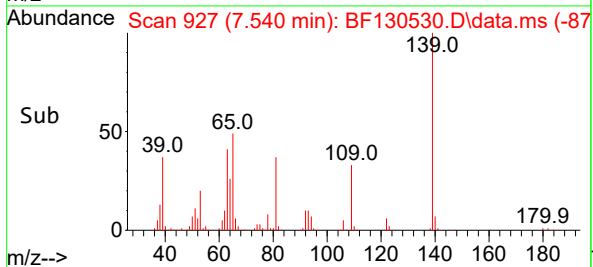
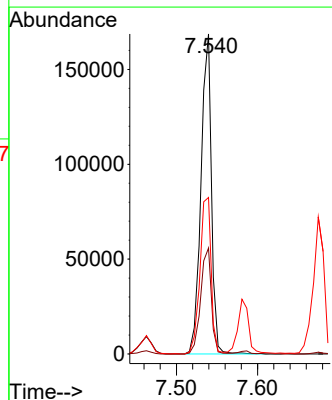
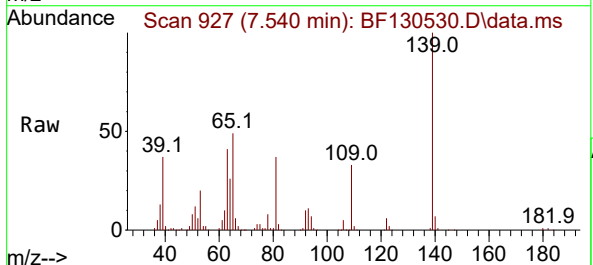
Instrument :
BNA_F
ClientSampleId :
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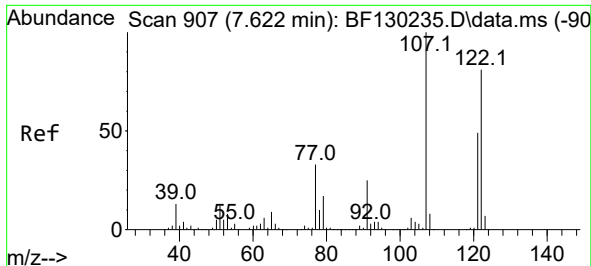
Tgt Ion: 82 Resp: 533981
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.0 13.8 20.6



#26
2-Nitrophenol
Concen: 48.416 ng
RT: 7.540 min Scan# 927
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion: 139 Resp: 151396
Ion Ratio Lower Upper
139 100
109 33.1 30.2 45.4
65 48.9 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 50.769 ng

RT: 7.581 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130530.D

Acq: 05 Oct 2022 13:53

Instrument :

BNA_F

ClientSampleId :

PB148087BS

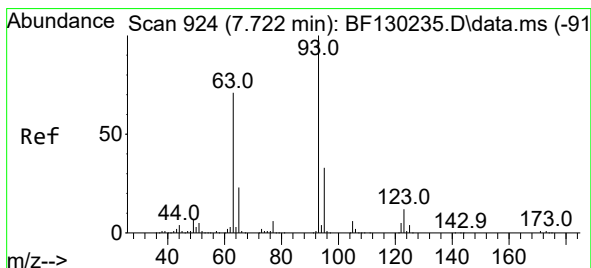
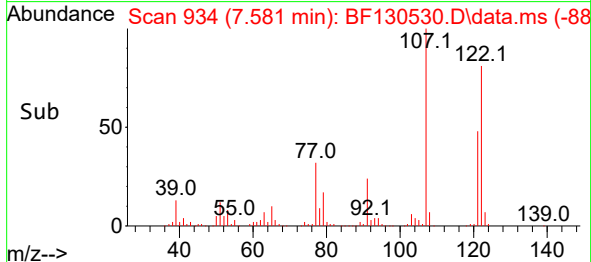
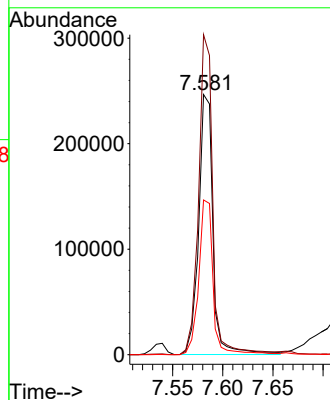
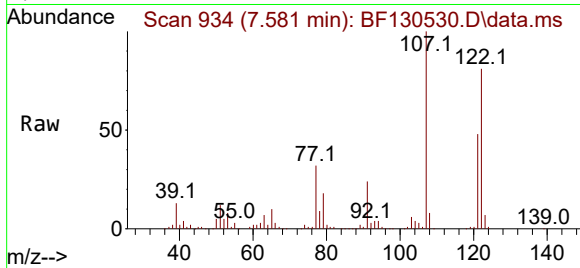
Tgt Ion:122 Resp: 244438

Ion Ratio Lower Upper

122 100

107 123.0 100.2 150.2

121 59.5 47.8 71.8



#28

bis(2-Chloroethoxy)methane

Concen: 46.812 ng

RT: 7.675 min Scan# 950

Delta R.T. 0.000 min

Lab File: BF130530.D

Acq: 05 Oct 2022 13:53

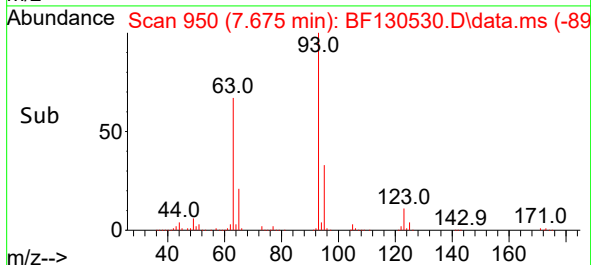
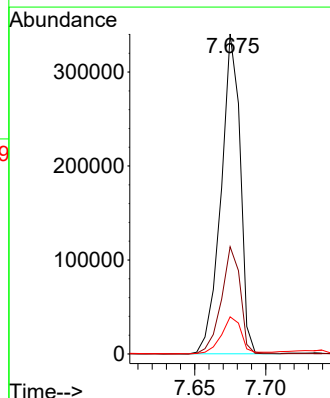
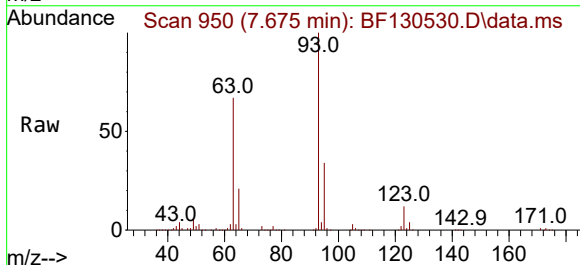
Tgt Ion: 93 Resp: 319160

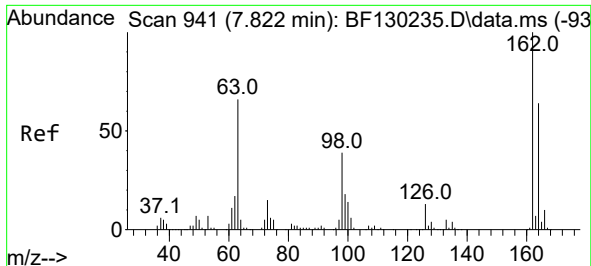
Ion Ratio Lower Upper

93 100

95 33.5 26.3 39.5

123 11.6 9.4 14.2

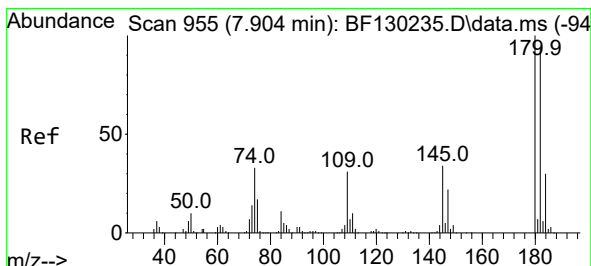
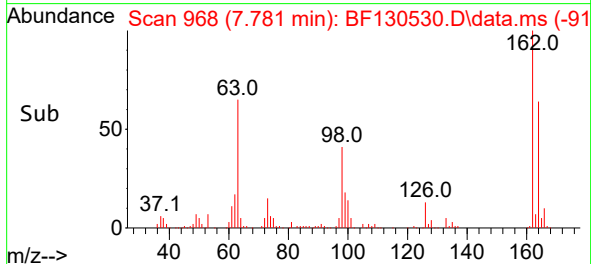
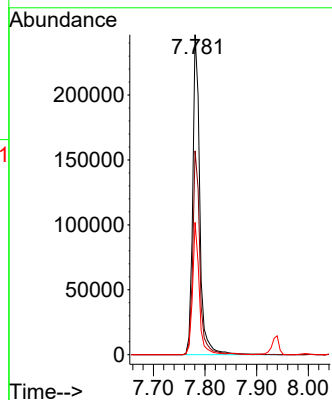
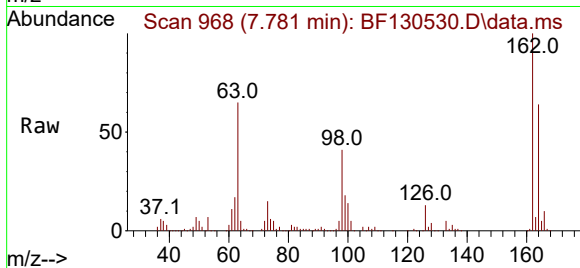




#29
2,4-Dichlorophenol
Concen: 44.504 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

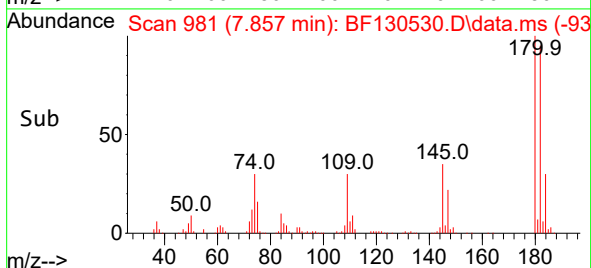
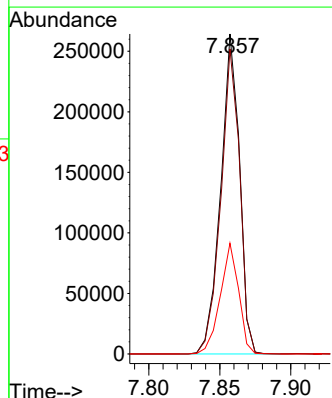
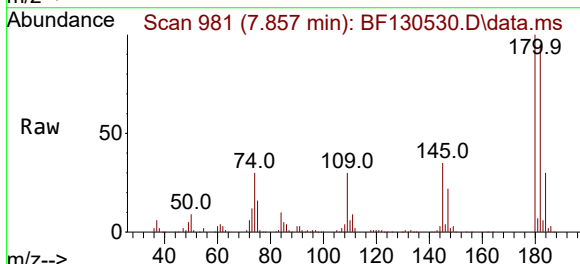
Instrument :
BNA_F
ClientSampleId :
PB148087BS

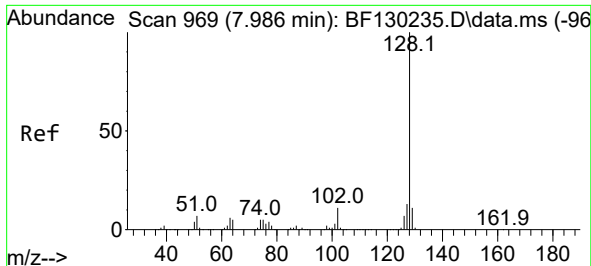
Tgt Ion:162 Resp: 234809
Ion Ratio Lower Upper
162 100
164 63.7 42.2 82.2
98 41.4 21.7 61.7



#30
1,2,4-Trichlorobenzene
Concen: 42.734 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion:180 Resp: 243770
Ion Ratio Lower Upper
180 100
182 95.4 73.3 109.9
145 34.6 28.3 42.5





#31

Naphthalene

Concen: 42.022 ng

RT: 7.940 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF130530.D

Acq: 05 Oct 2022 13:53

Instrument :

BNA_F

ClientSampleId :

PB148087BS

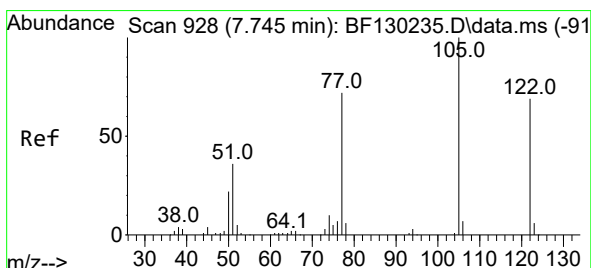
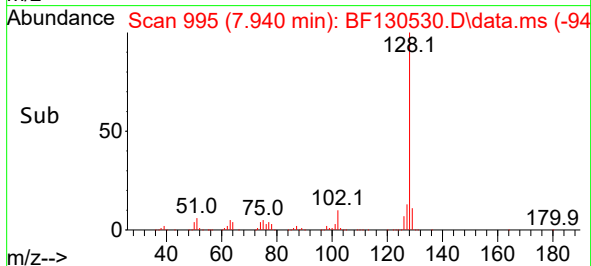
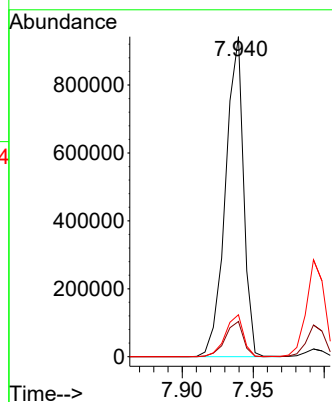
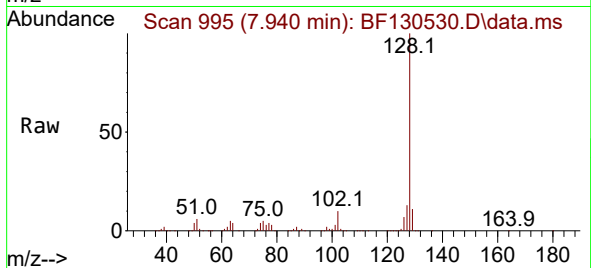
Tgt Ion:128 Resp: 830888

Ion Ratio Lower Upper

128 100

129 11.0 9.1 13.7

127 13.1 10.6 16.0



#32

Benzoic acid

Concen: 36.453 ng

RT: 7.740 min Scan# 961

Delta R.T. 0.018 min

Lab File: BF130530.D

Acq: 05 Oct 2022 13:53

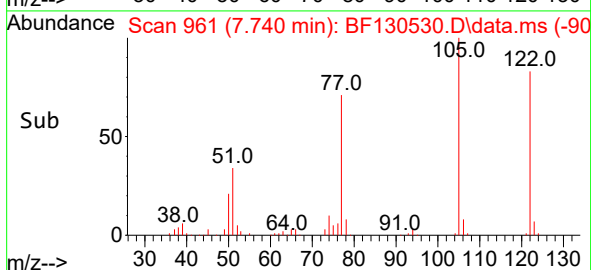
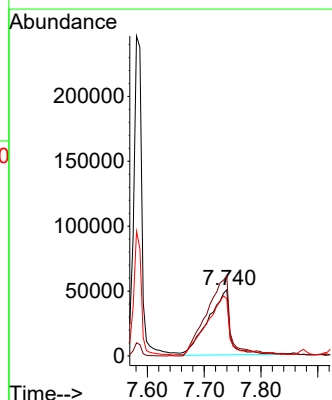
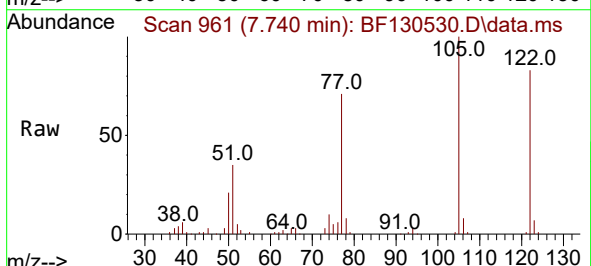
Tgt Ion:122 Resp: 135728

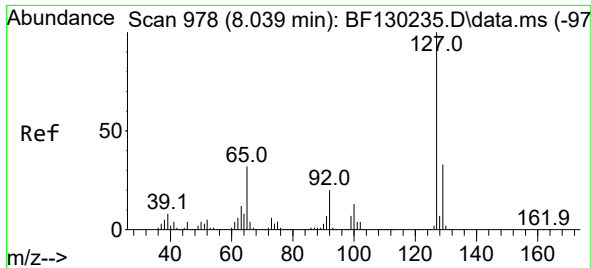
Ion Ratio Lower Upper

122 100

105 120.9 112.9 152.9

77 86.4 82.8 122.8

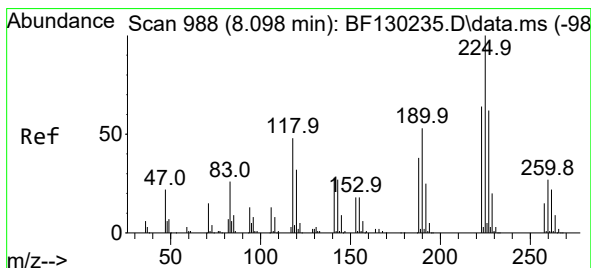
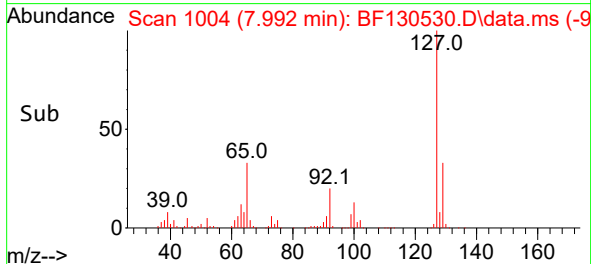
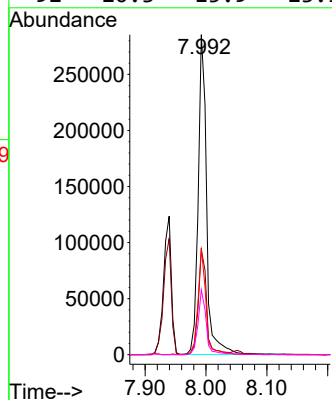
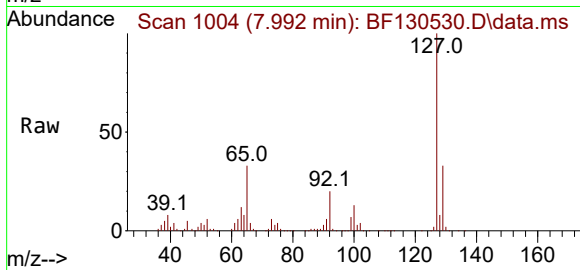




#33
4-Chloroaniline
Concen: 36.558 ng
RT: 7.992 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

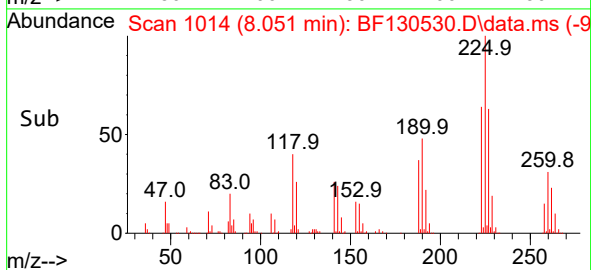
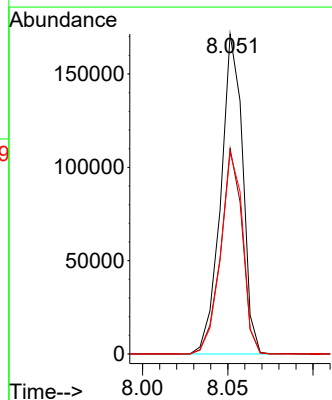
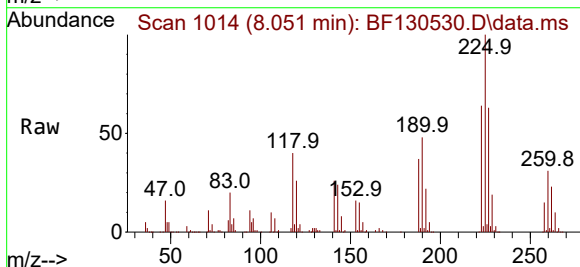
Instrument :
BNA_F
ClientSampleId :
PB148087BS

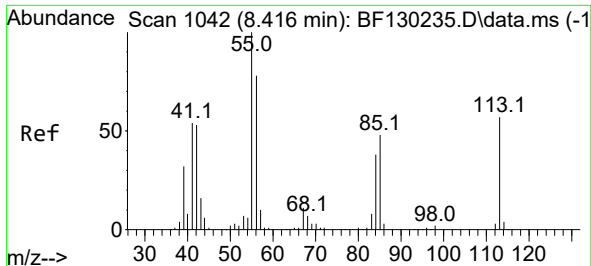
Tgt Ion:	127	Resp:	274922
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.6	38.4
65	33.4	27.0	40.6
92	20.3	15.9	23.9



#34
Hexachlorobutadiene
Concen: 41.901 ng
RT: 8.051 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion:	225	Resp:	152752
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.3	75.5
227	63.0	51.1	76.7

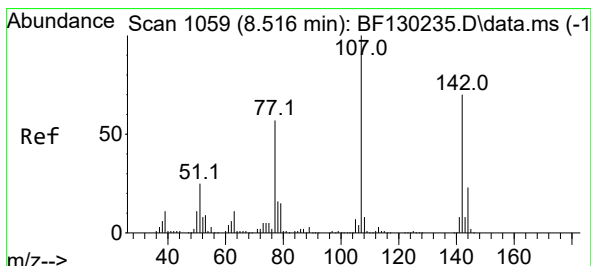
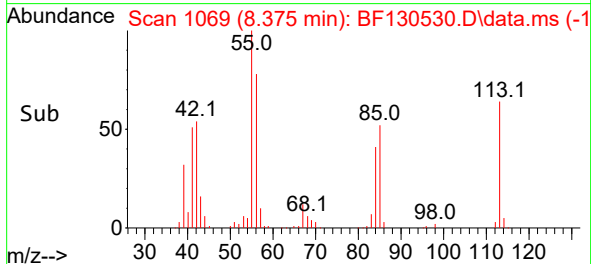
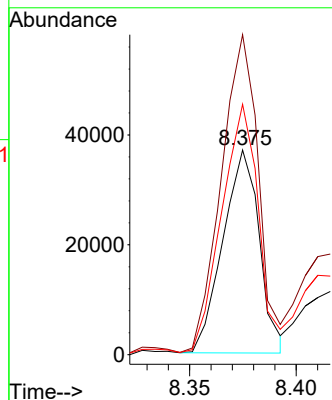
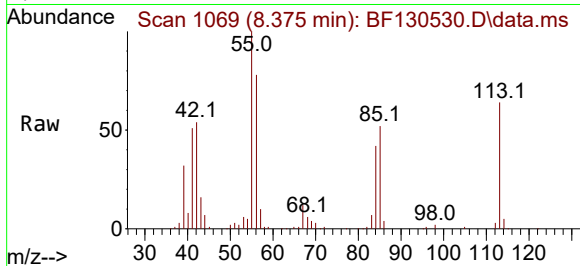




#35
 Caprolactam
 Concen: 29.031 ng
 RT: 8.375 min Scan# 1069
 Delta R.T. 0.000 min
 Lab File: BF130530.D
 Acq: 05 Oct 2022 13:53

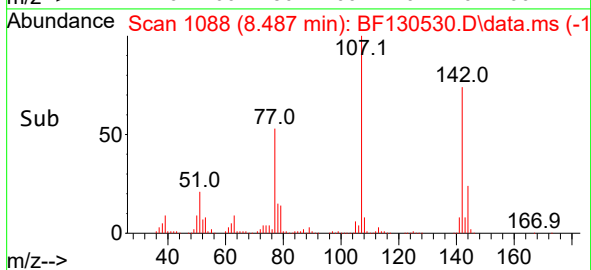
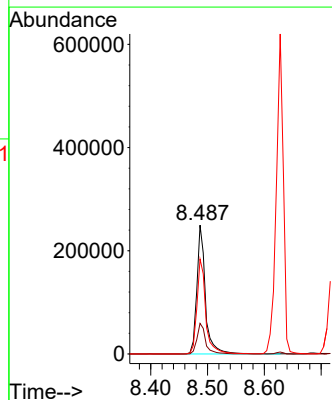
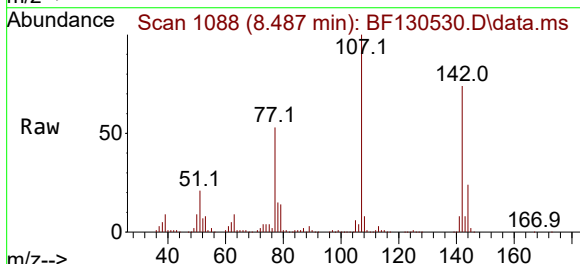
Instrument :
 BNA_F
 ClientSampleId :
 PB148087BS

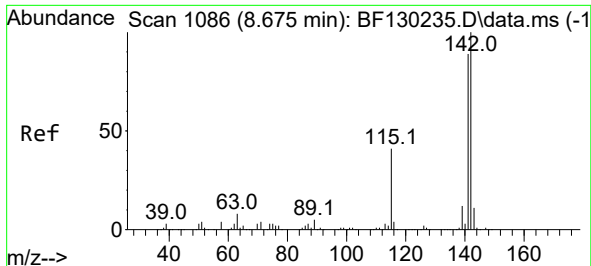
Tgt Ion:113 Resp: 43911
 Ion Ratio Lower Upper
 113 100
 55 156.4 155.4 195.4
 56 122.4 120.4 160.4



#36
 4-Chloro-3-methylphenol
 Concen: 45.084 ng
 RT: 8.487 min Scan# 1088
 Delta R.T. 0.006 min
 Lab File: BF130530.D
 Acq: 05 Oct 2022 13:53

Tgt Ion:107 Resp: 263658
 Ion Ratio Lower Upper
 107 100
 144 23.7 20.0 30.0
 142 73.6 61.3 91.9

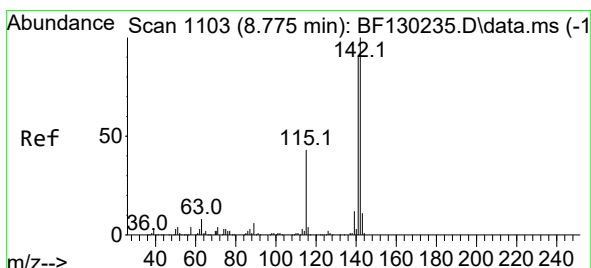
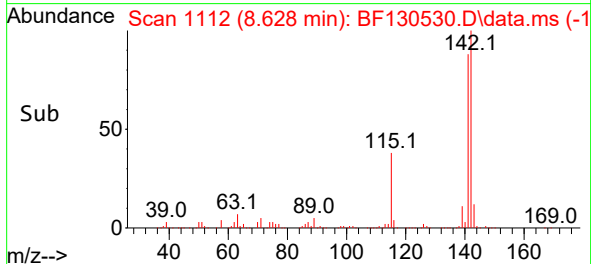
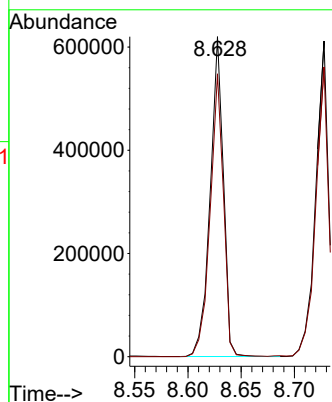
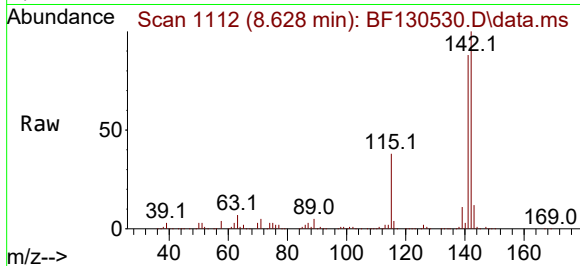




#37
2-Methylnaphthalene
Concen: 42.514 ng
RT: 8.628 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

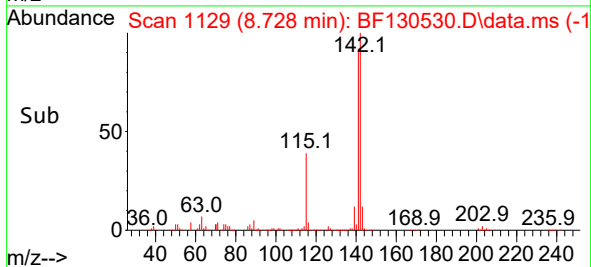
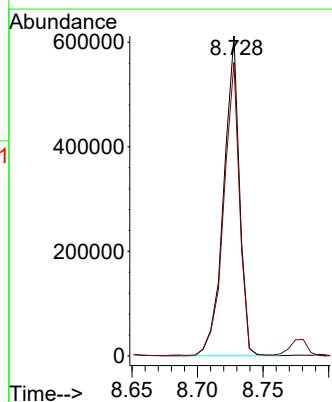
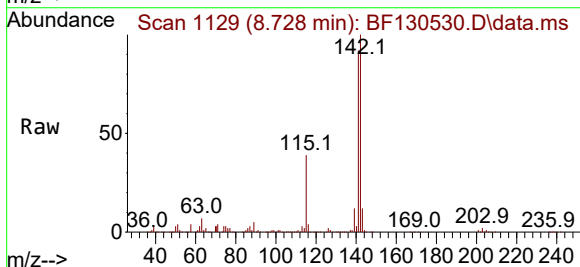
Instrument :
BNA_F
ClientSampleId :
PB148087BS

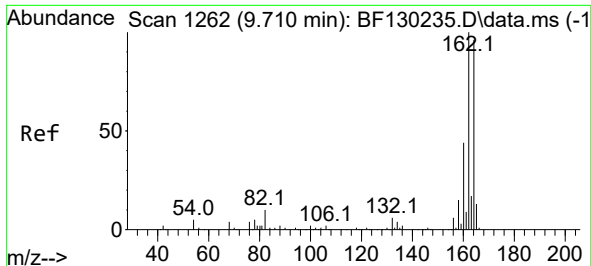
Tgt Ion:142 Resp: 535972
Ion Ratio Lower Upper
142 100
141 88.4 70.0 105.0



#38
1-Methylnaphthalene
Concen: 42.304 ng
RT: 8.728 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion:142 Resp: 512333
Ion Ratio Lower Upper
142 100
141 91.8 73.8 110.8

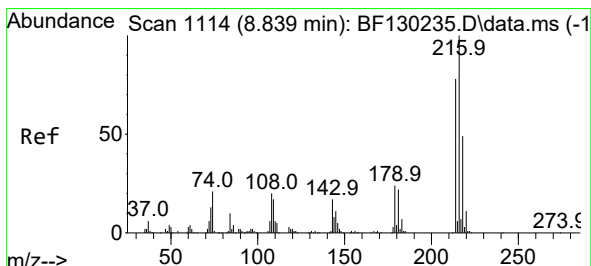
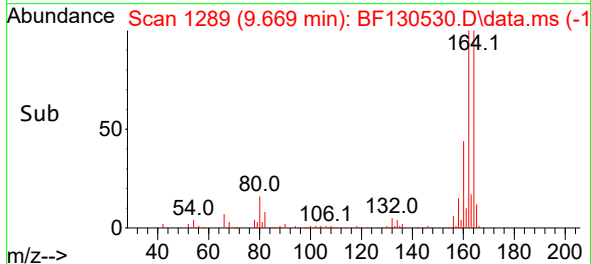
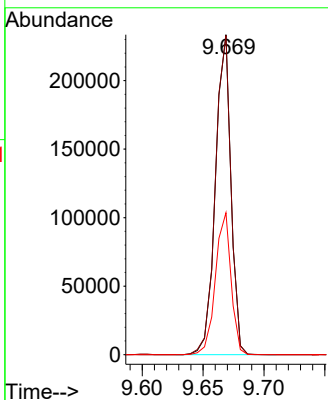
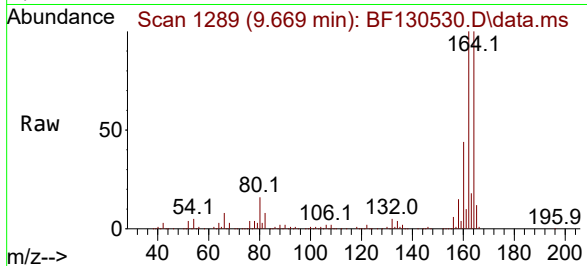




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

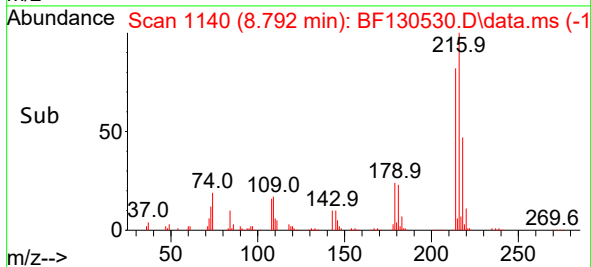
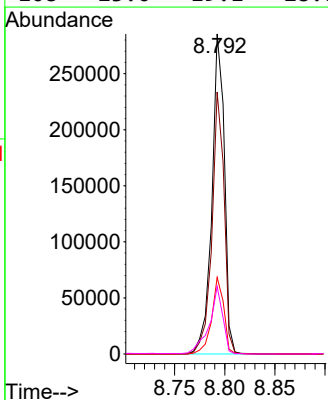
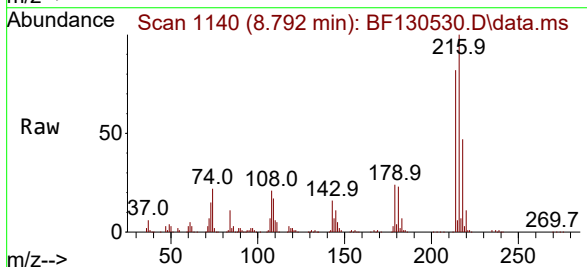
Instrument :
BNA_F
ClientSampleId :
PB148087BS

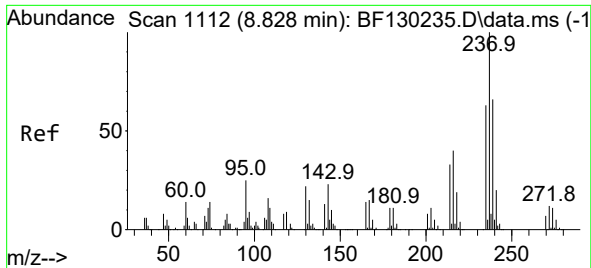
Tgt Ion:164 Resp: 206983
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.0
160 44.3 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.713 ng
RT: 8.792 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion:216 Resp: 246918
Ion Ratio Lower Upper
216 100
214 79.3 62.8 94.2
179 23.1 19.5 29.3
108 23.0 19.1 28.7

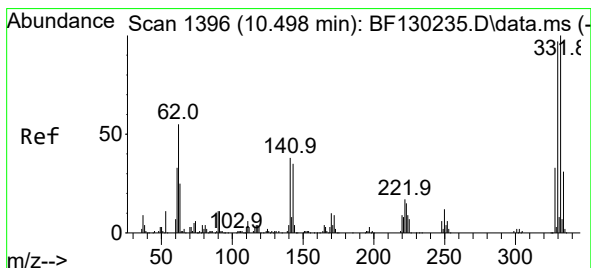
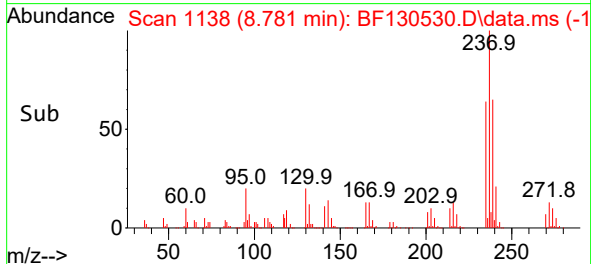
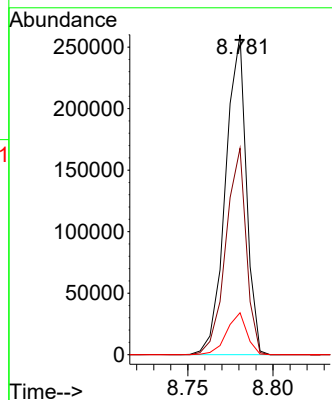
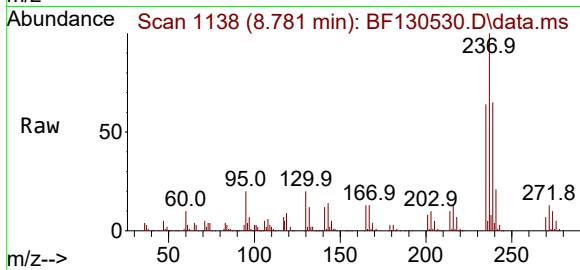




#41
Hexachlorocyclopentadiene
Concen: 73.093 ng
RT: 8.781 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

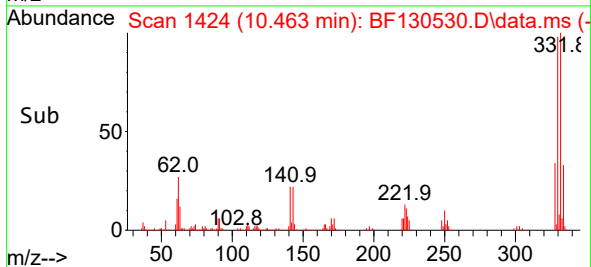
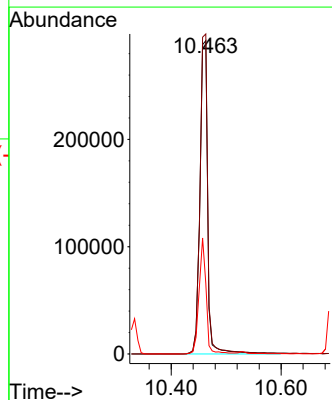
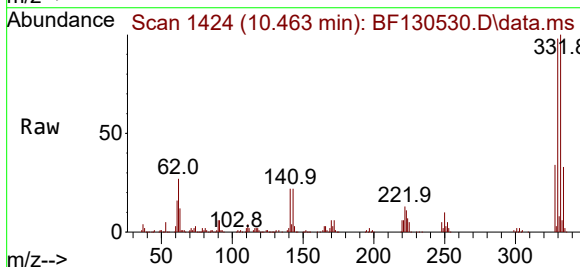
Instrument :
BNA_F
ClientSampleId :
PB148087BS

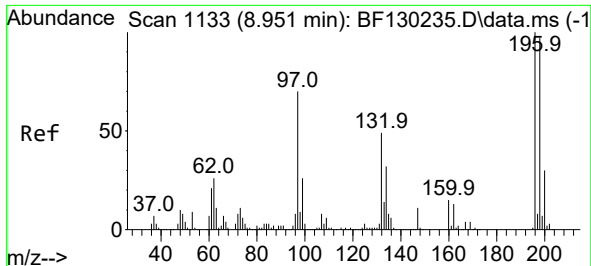
Tgt Ion:237 Resp: 221050
Ion Ratio Lower Upper
237 100
235 64.5 42.5 82.5
272 13.1 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 145.304 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion:330 Resp: 288180
Ion Ratio Lower Upper
330 100
332 102.5 83.4 125.2
141 33.7 34.0 51.0#

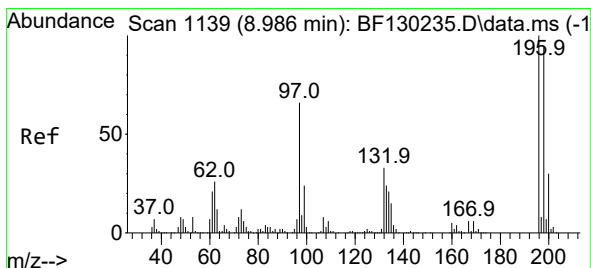
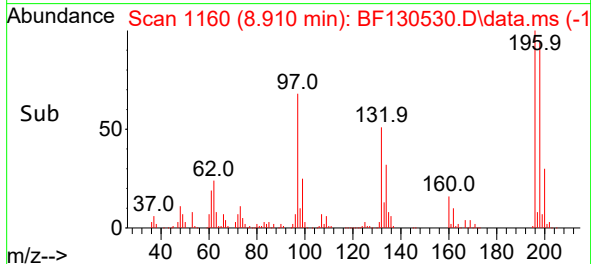
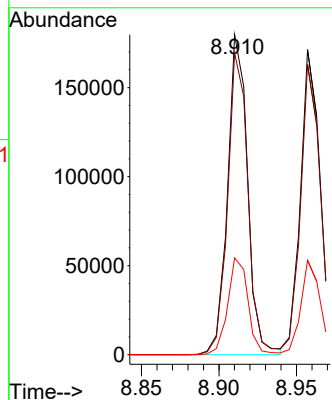
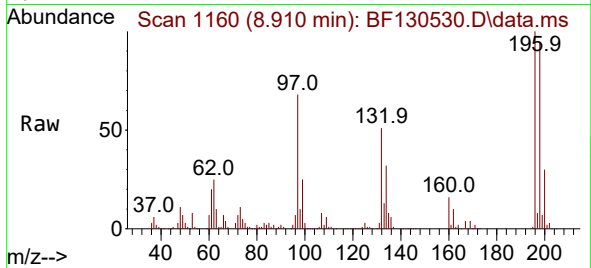




#43
2,4,6-Trichlorophenol
Concen: 41.004 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

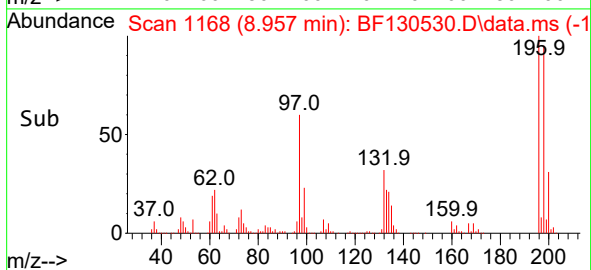
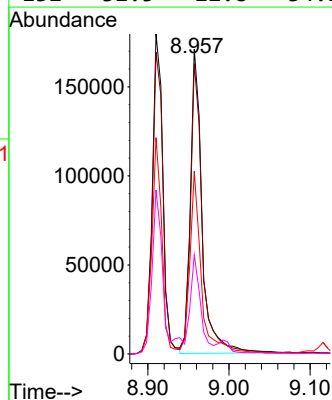
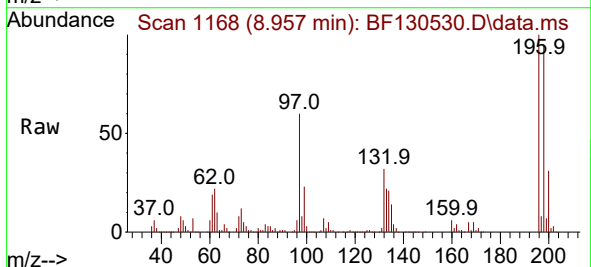
Instrument :
BNA_F
ClientSampleId :
PB148087BS

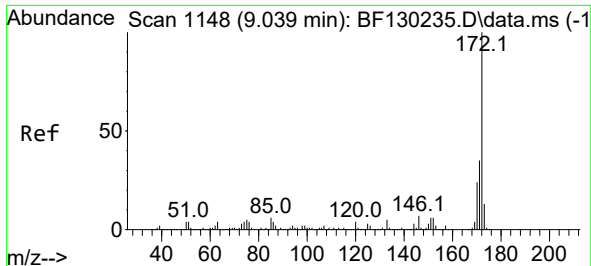
Tgt Ion:196 Resp: 161650
Ion Ratio Lower Upper
196 100
198 94.3 72.4 108.6
200 30.2 23.8 35.6



#44
2,4,5-Trichlorophenol
Concen: 40.332 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion:196 Resp: 171576
Ion Ratio Lower Upper
196 100
198 95.2 74.8 112.2
97 59.9 43.7 65.5
132 32.5 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 78.202 ng

RT: 8.992 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF130530.D

Acq: 05 Oct 2022 13:53

Instrument :

BNA_F

ClientSampleId :

PB148087BS

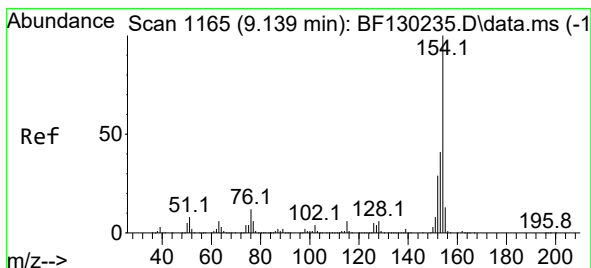
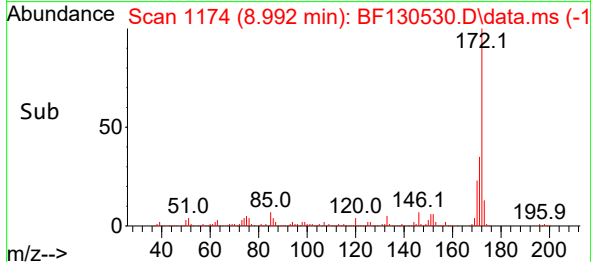
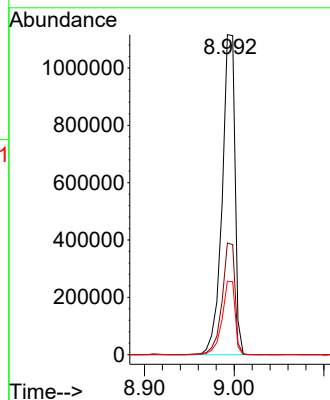
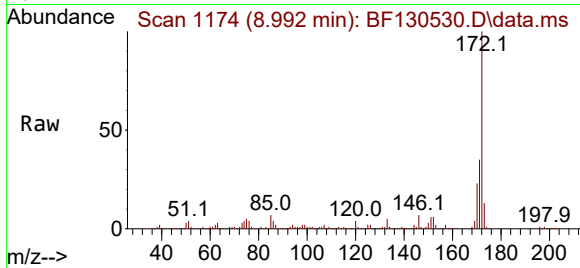
Tgt Ion:172 Resp: 1111565

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 22.9 18.7 28.1



#46

1,1'-Biphenyl

Concen: 42.871 ng

RT: 9.092 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF130530.D

Acq: 05 Oct 2022 13:53

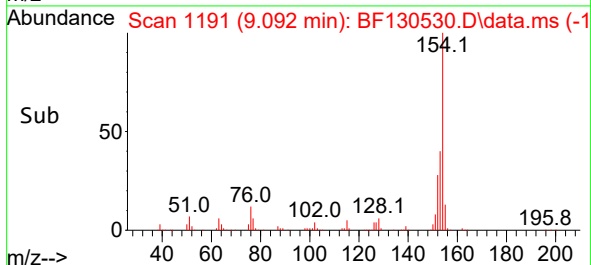
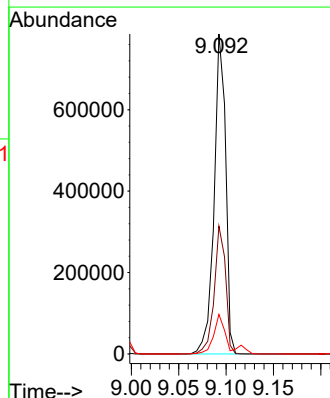
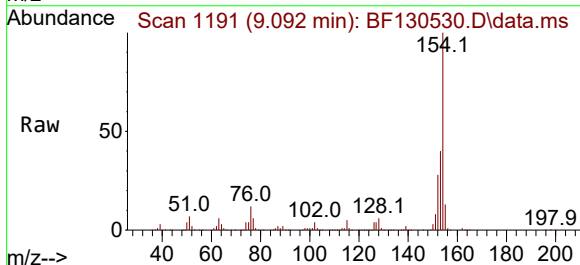
Tgt Ion:154 Resp: 662711

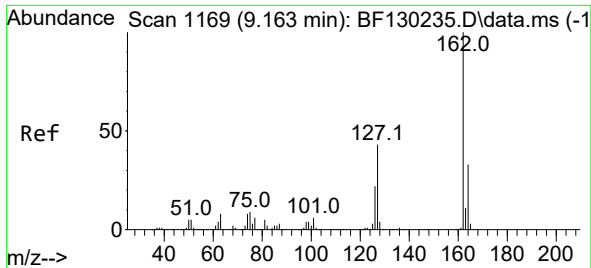
Ion Ratio Lower Upper

154 100

153 40.0 20.0 60.0

76 12.4 0.0 33.3

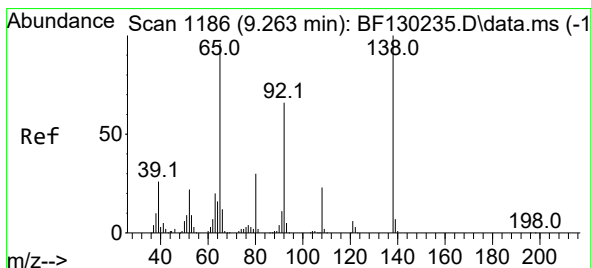
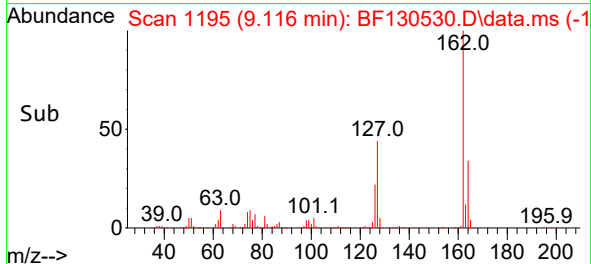
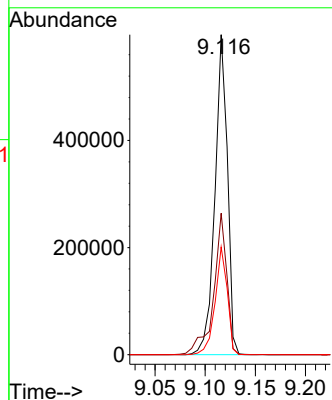
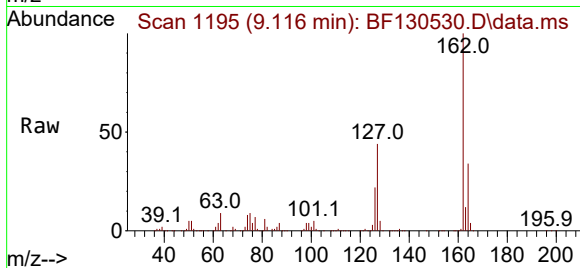




#47
2-Chloronaphthalene
Concen: 41.327 ng
RT: 9.116 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

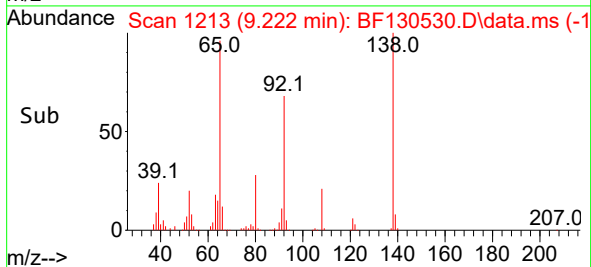
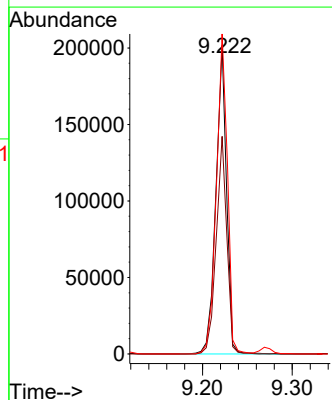
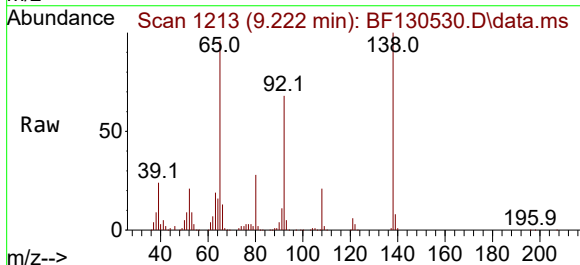
Instrument :
BNA_F
ClientSampleId :
PB148087BS

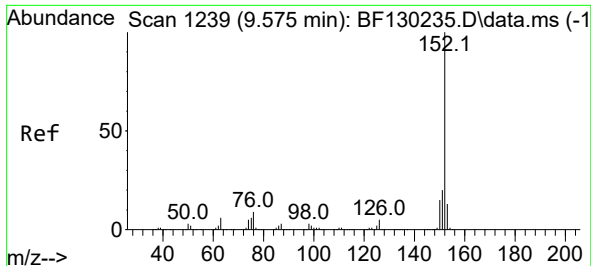
Tgt Ion:162 Resp: 516787
Ion Ratio Lower Upper
162 100
127 44.2 35.9 53.9
164 33.7 26.2 39.2



#48
2-Nitroaniline
Concen: 39.859 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion: 65 Resp: 166242
Ion Ratio Lower Upper
65 100
92 70.5 52.2 78.4
138 103.7 77.0 115.4

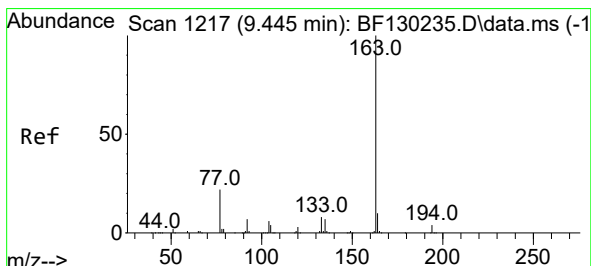
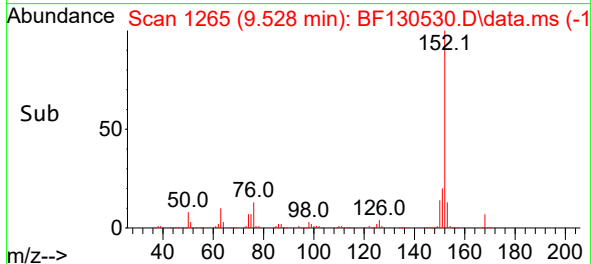
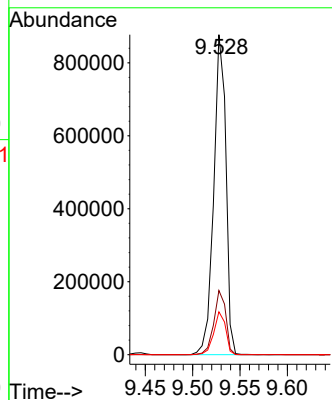
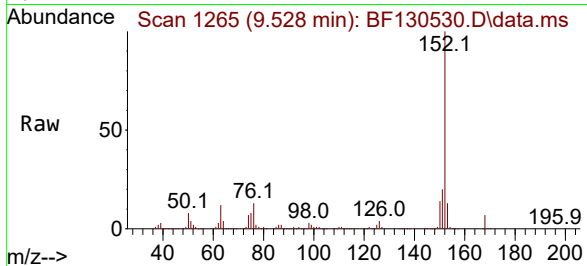




#49
Acenaphthylene
Concen: 41.630 ng
RT: 9.528 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

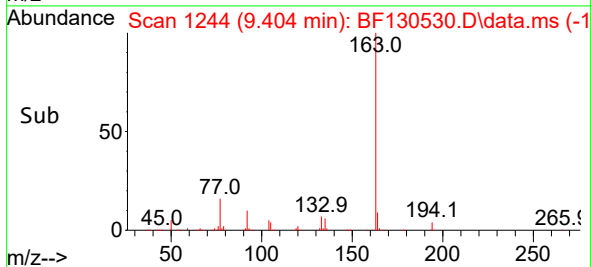
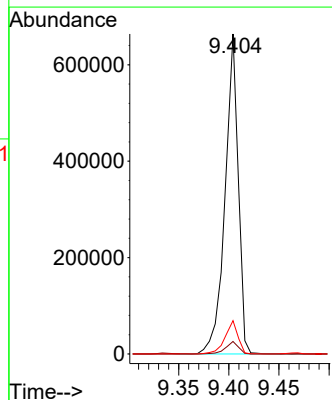
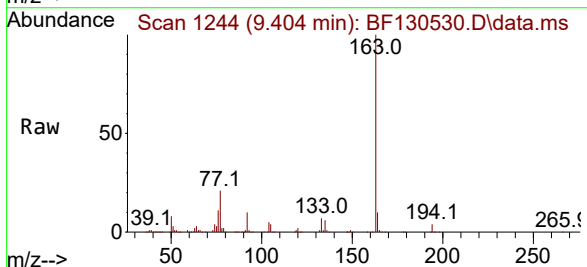
Instrument :
BNA_F
ClientSampleId :
PB148087BS

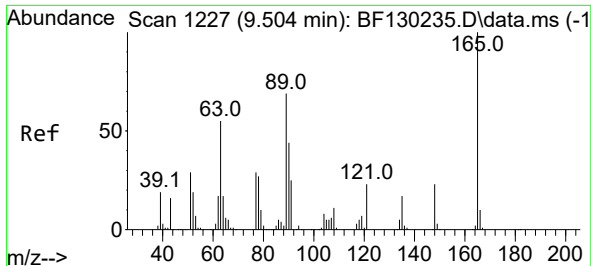
Tgt Ion:152 Resp: 780536
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 42.346 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.006 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion:163 Resp: 605438
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 10.4 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 46.002 ng

RT: 9.469 min Scan# 1255

Delta R.T. 0.006 min

Lab File: BF130530.D

Acq: 05 Oct 2022 13:53

Instrument :

BNA_F

ClientSampleId :

PB148087BS

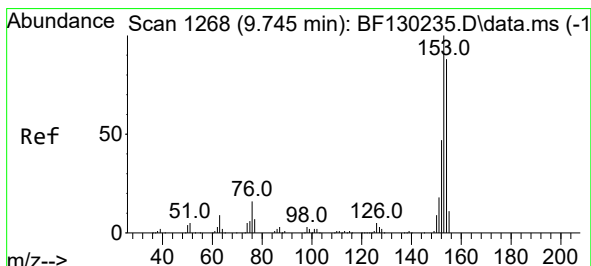
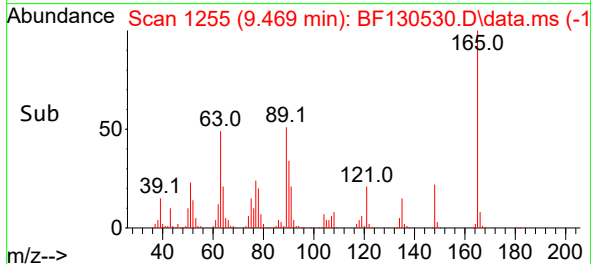
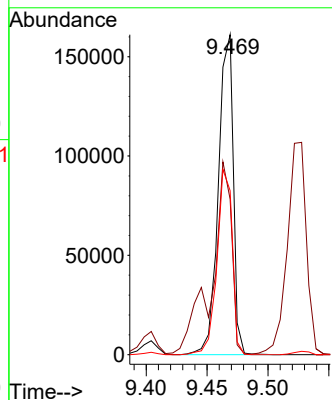
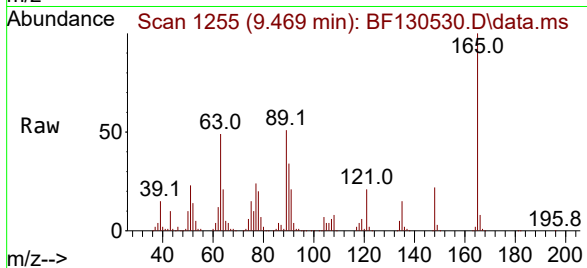
Tgt Ion:165 Resp: 137552

Ion Ratio Lower Upper

165 100

63 48.6 58.8 88.2#

89 51.3 54.5 81.7#



#52

Acenaphthene

Concen: 38.173 ng

RT: 9.704 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BF130530.D

Acq: 05 Oct 2022 13:53

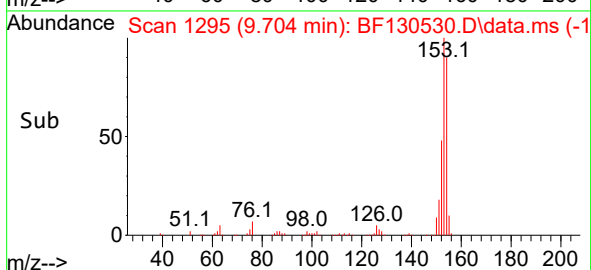
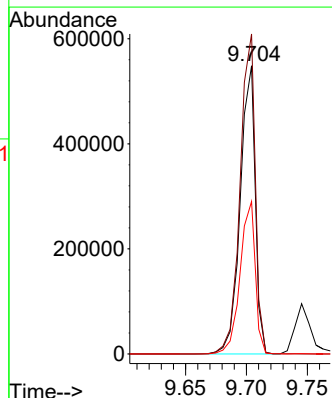
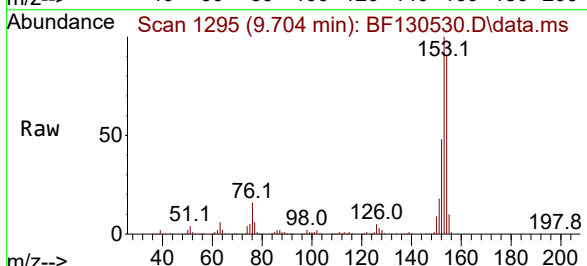
Tgt Ion:154 Resp: 470247

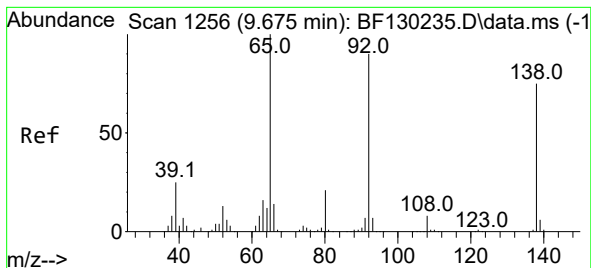
Ion Ratio Lower Upper

154 100

153 111.1 90.6 136.0

152 52.9 43.8 65.6





#53

3-Nitroaniline

Concen: 35.660 ng

RT: 9.634 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130530.D

Acq: 05 Oct 2022 13:53

Instrument :

BNA_F

ClientSampleId :

PB148087BS

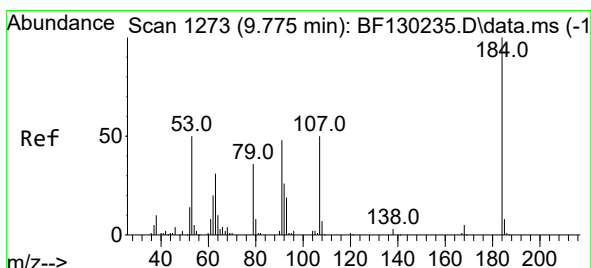
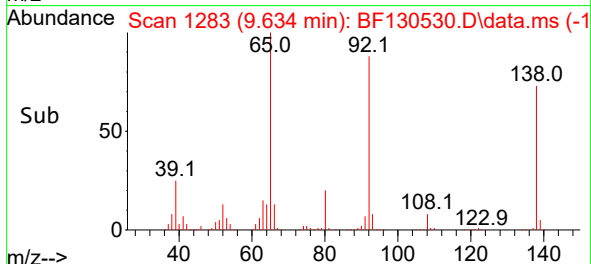
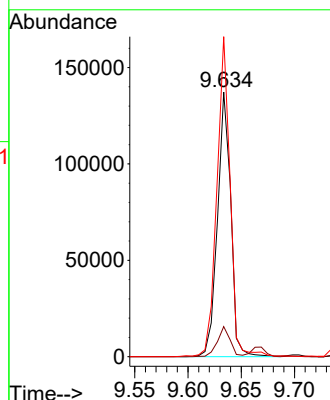
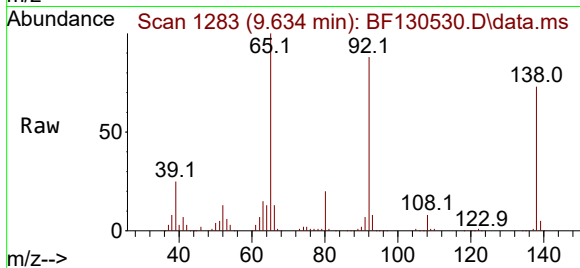
Tgt Ion:138 Resp: 118815

Ion Ratio Lower Upper

138 100

108 11.4 9.2 13.8

92 120.9 99.2 148.8



#54

2,4-Dinitrophenol

Concen: 75.253 ng

RT: 9.745 min Scan# 1302

Delta R.T. 0.006 min

Lab File: BF130530.D

Acq: 05 Oct 2022 13:53

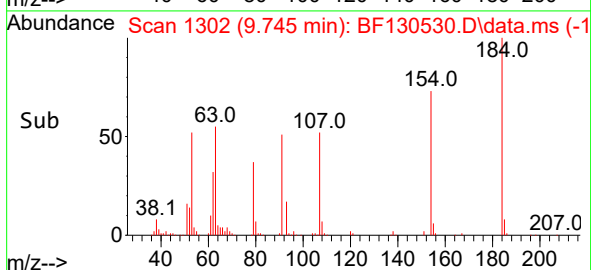
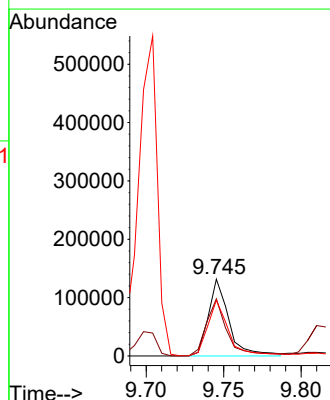
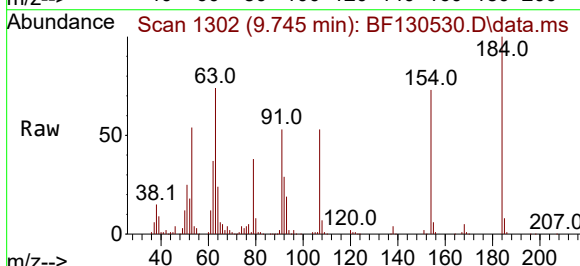
Tgt Ion:184 Resp: 121412

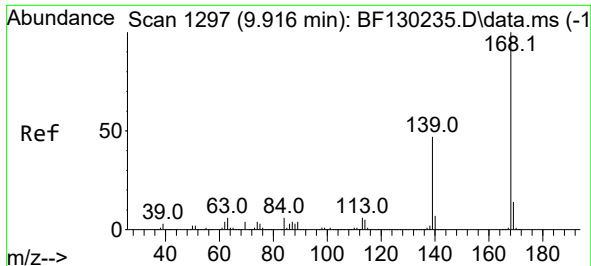
Ion Ratio Lower Upper

184 100

63 74.4 70.0 105.0

154 72.6 63.0 94.6

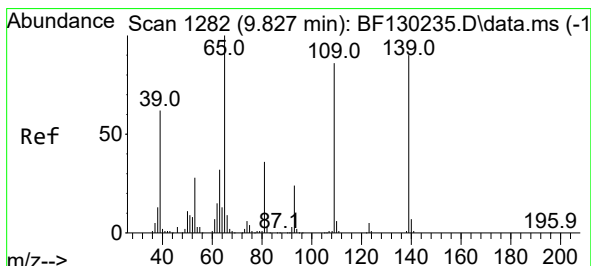
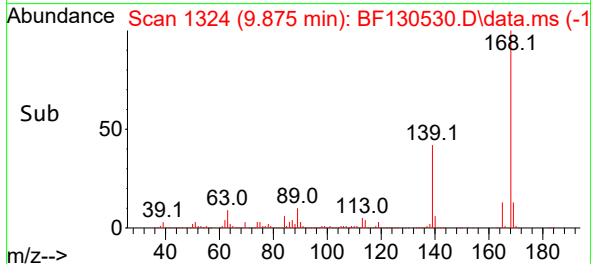
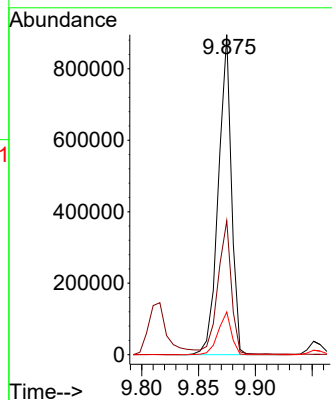
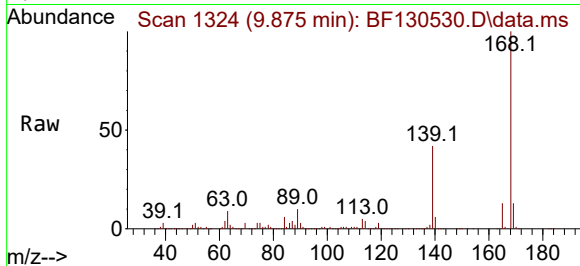




#55
Dibenzenofuran
Concen: 41.789 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

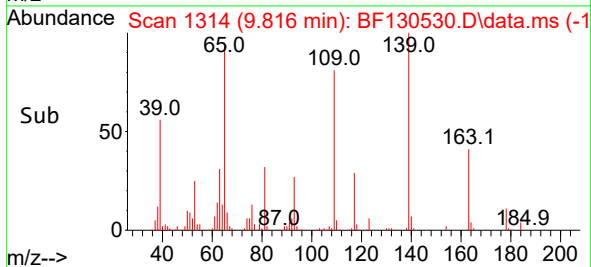
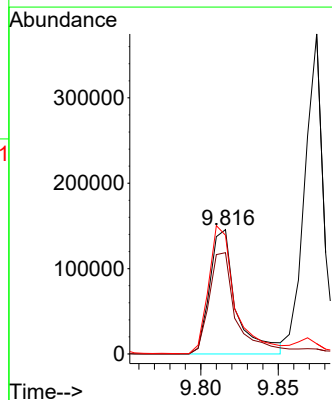
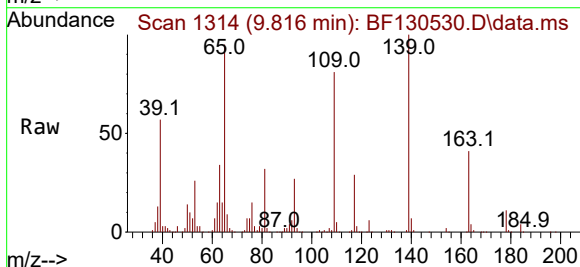
Instrument :
BNA_F
ClientSampleId :
PB148087BS

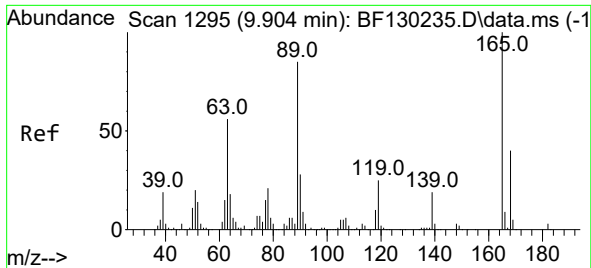
Tgt Ion:168 Resp: 716027
Ion Ratio Lower Upper
168 100
139 41.9 35.0 52.4
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 71.643 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.012 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion:139 Resp: 173862
Ion Ratio Lower Upper
139 100
109 81.5 72.2 112.2
65 95.5 97.7 137.7#

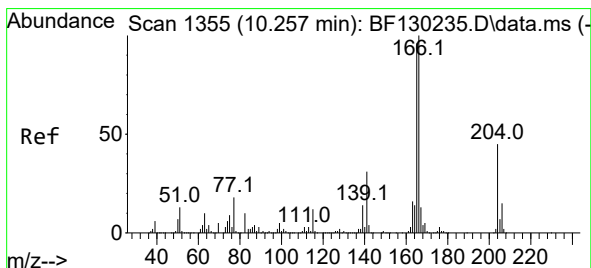
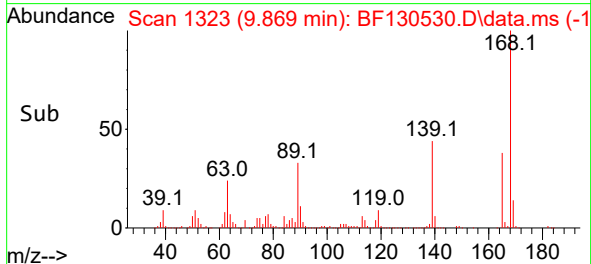
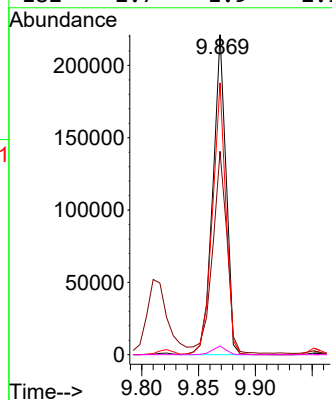
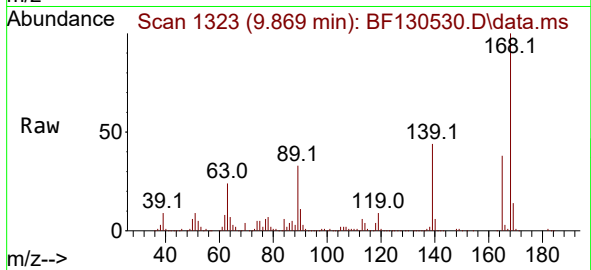




#57
2,4-Dinitrotoluene
Concen: 47.042 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

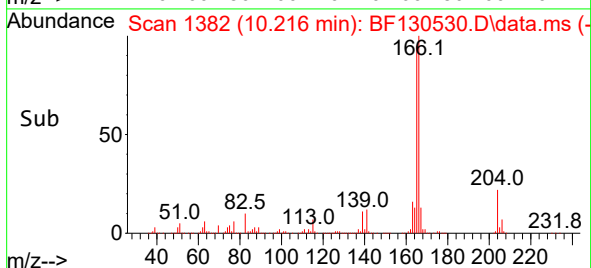
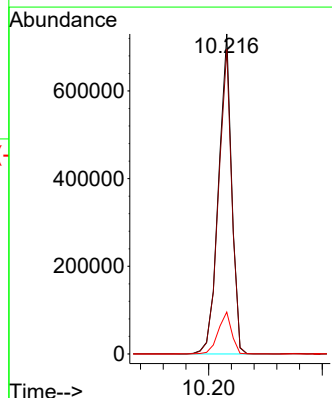
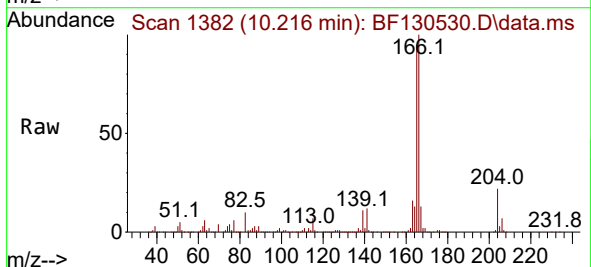
Instrument :
BNA_F
ClientSampleId :
PB148087BS

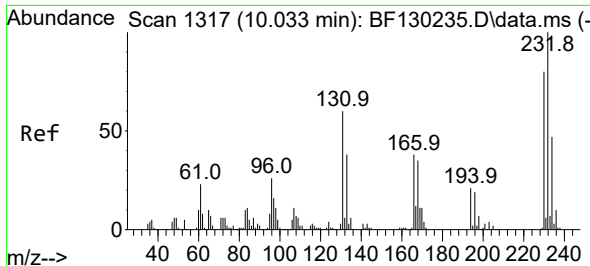
Tgt Ion:165 Resp: 179768
Ion Ratio Lower Upper
165 100
63 63.6 44.7 67.1
89 84.9 69.0 103.4
182 2.7 1.9 2.9



#58
Fluorene
Concen: 41.842 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion:166 Resp: 586325
Ion Ratio Lower Upper
166 100
165 95.3 78.8 118.2
167 13.1 10.6 15.8

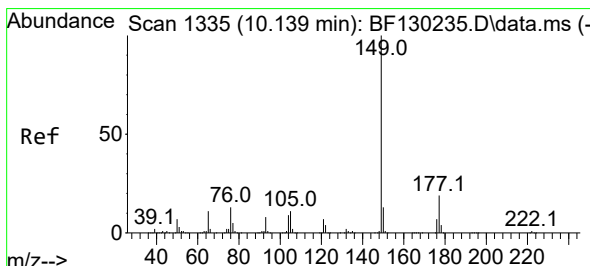
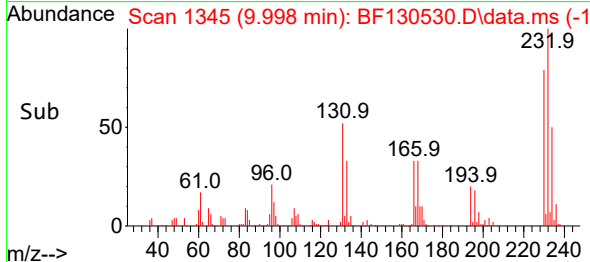
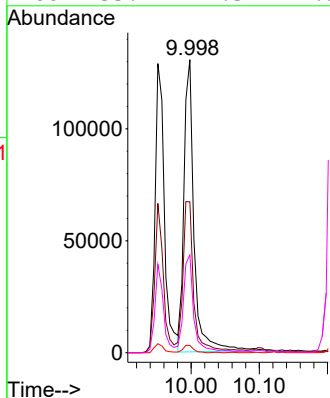
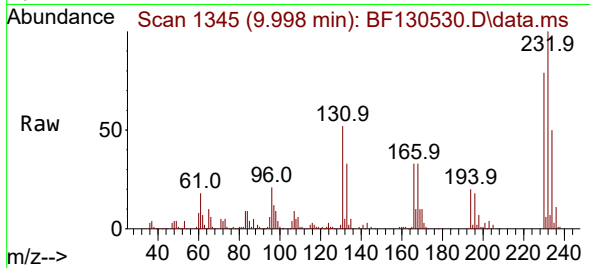




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.566 ng
RT: 9.998 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

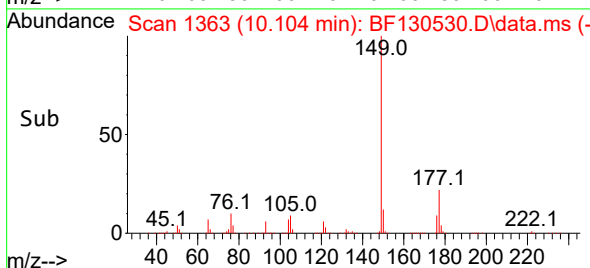
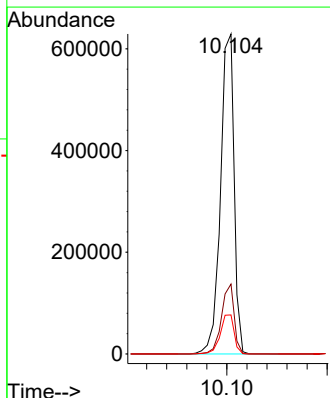
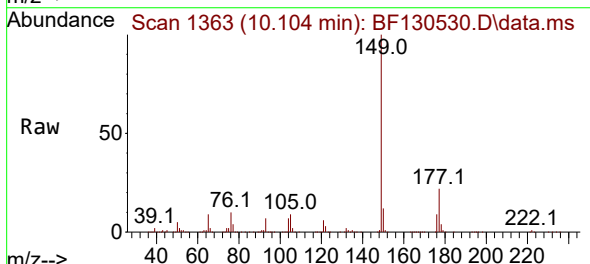
Instrument :
BNA_F
ClientSampleId :
PB148087BS

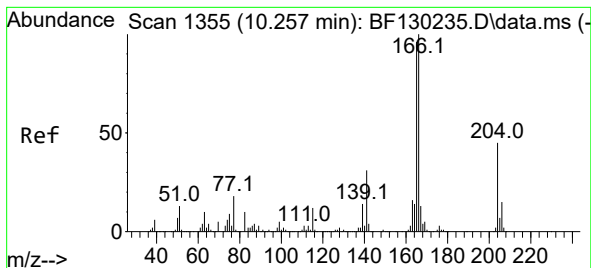
Tgt Ion:232 Resp: 135075
Ion Ratio Lower Upper
232 100
131 55.3 46.4 69.6
130 2.6 2.3 3.5
166 33.7 29.5 44.3



#60
Diethylphthalate
Concen: 41.142 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion:149 Resp: 589873
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.2 9.9 14.9

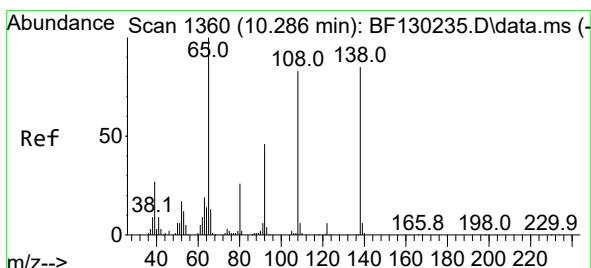
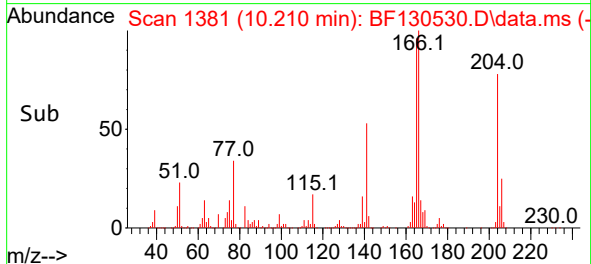
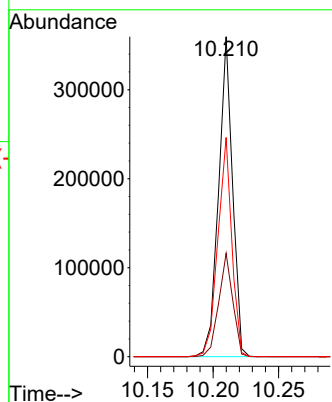
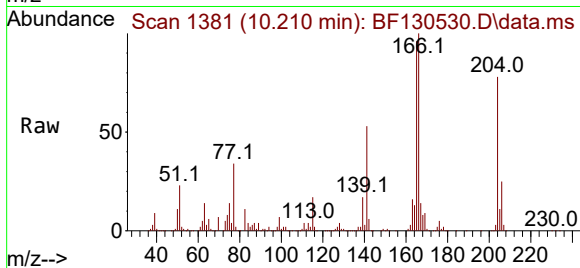




#61
4-Chlorophenyl-phenylether
Concen: 43.176 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

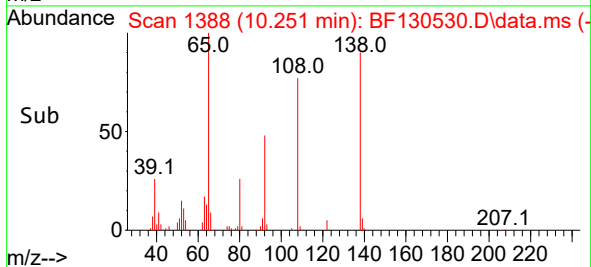
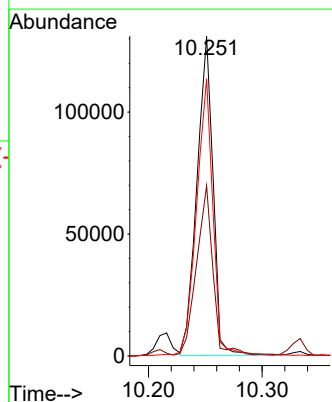
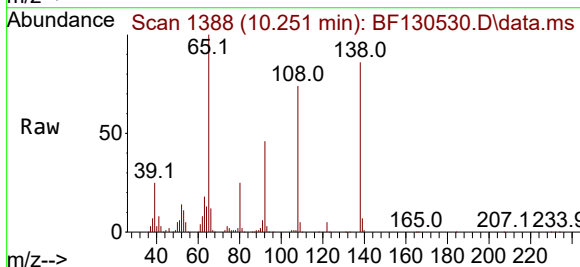
Instrument :
BNA_F
ClientSampleId :
PB148087BS

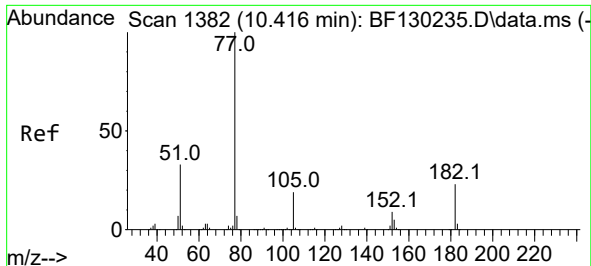
Tgt Ion:204 Resp: 265413
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 68.5 57.1 85.7



#62
4-Nitroaniline
Concen: 38.732 ng
RT: 10.251 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion:138 Resp: 129642
Ion Ratio Lower Upper
138 100
92 53.2 36.7 76.7
108 86.7 78.2 118.2

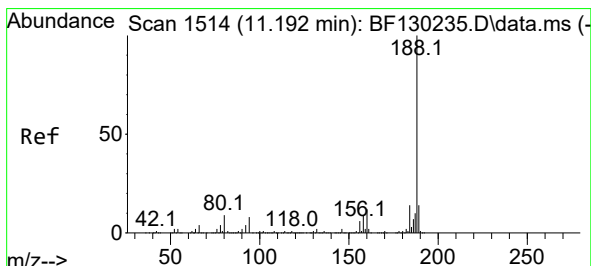
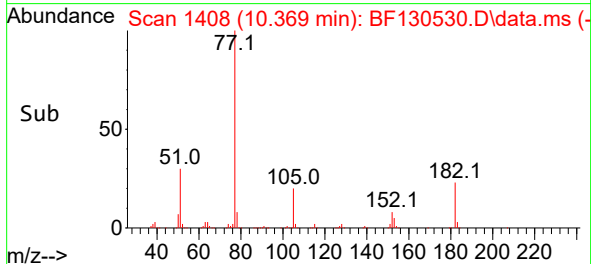
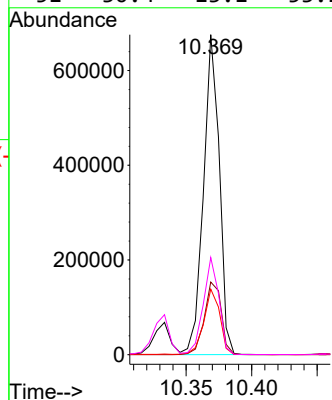
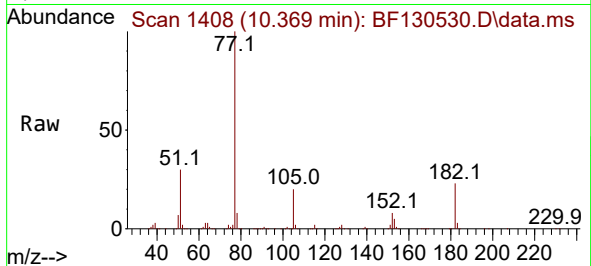




#63
Azobenzene
Concen: 38.504 ng
RT: 10.369 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

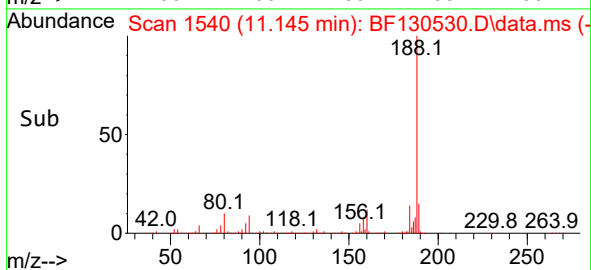
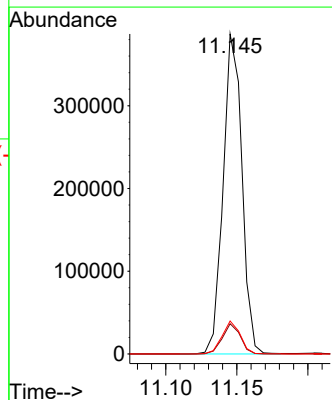
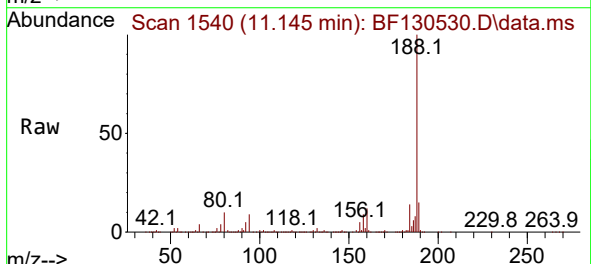
Instrument :
BNA_F
ClientSampleId :
PB148087BS

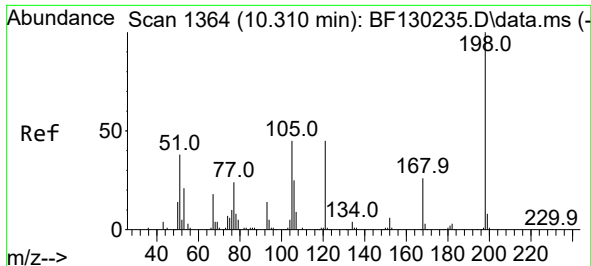
Tgt Ion: 77	Resp: 568457
Ion Ratio	Lower Upper
77	100
182	22.7 2.1 42.1
105	20.5 0.0 39.4
51	30.4 13.1 53.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion: 188	Resp: 355581
Ion Ratio	Lower Upper
188	100
94	9.5 7.4 11.2
80	10.3 7.9 11.9

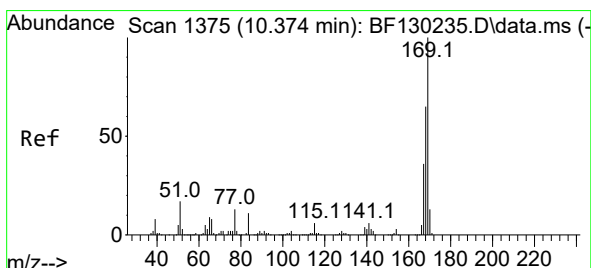
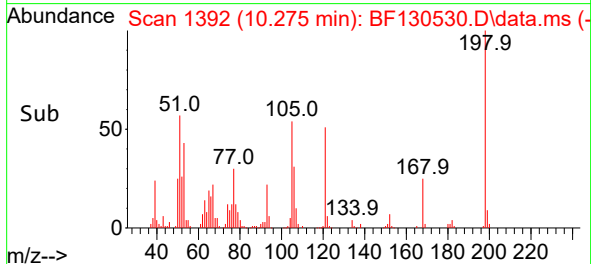
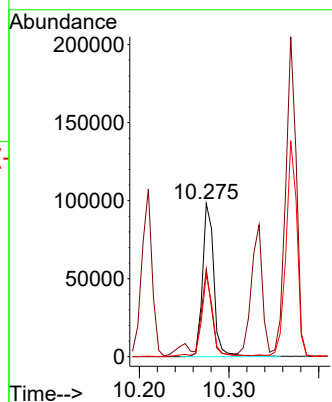
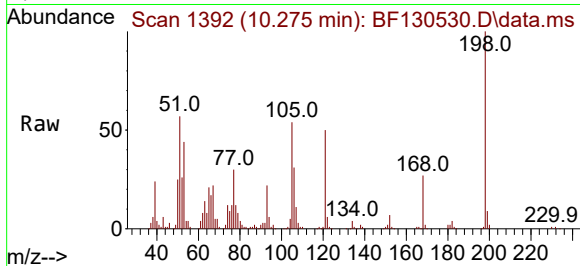




#65
4,6-Dinitro-2-methylphenol
Concen: 43.627 ng
RT: 10.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

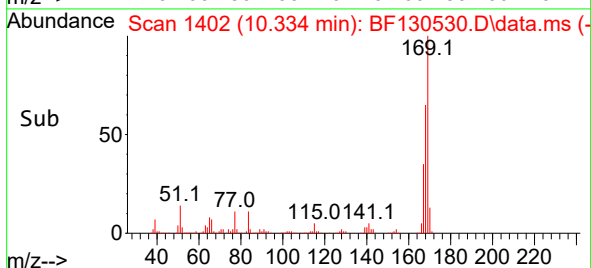
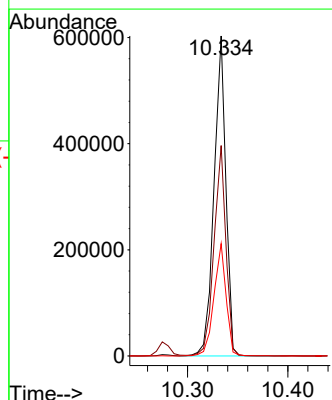
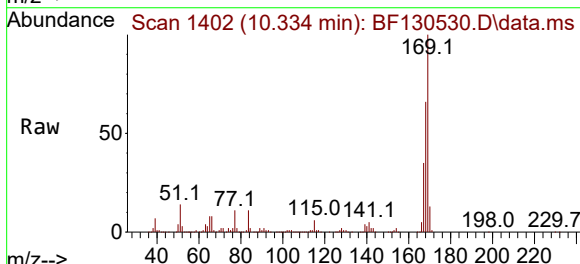
Instrument :
BNA_F
ClientSampleId :
PB148087BS

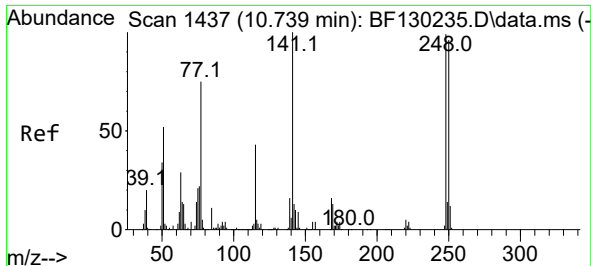
Tgt Ion:198 Resp: 86356
Ion Ratio Lower Upper
198 100
51 57.3 36.9 76.9
105 53.7 33.0 73.0



#66
n-Nitrosodiphenylamine
Concen: 41.687 ng
RT: 10.334 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion:169 Resp: 495338
Ion Ratio Lower Upper
169 100
168 65.7 53.2 79.8
167 35.1 29.2 43.8

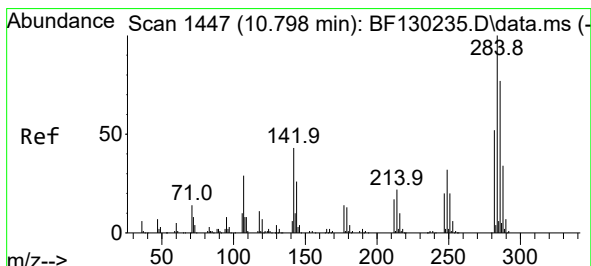
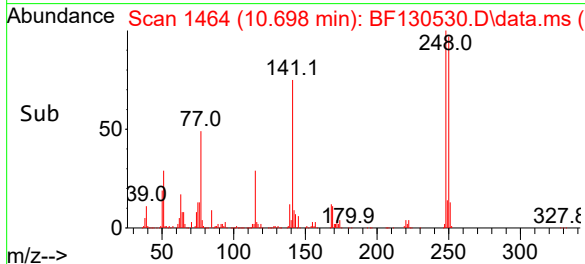
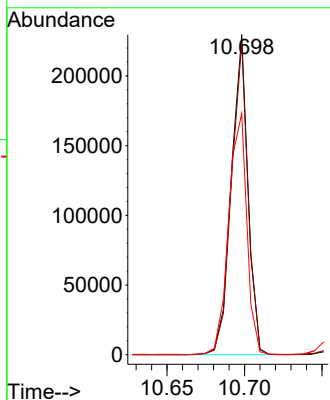
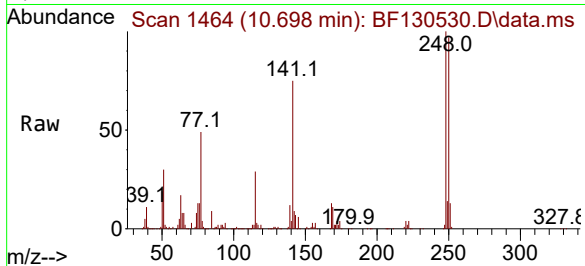




#67
4-Bromophenyl-phenylether
Concen: 43.880 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

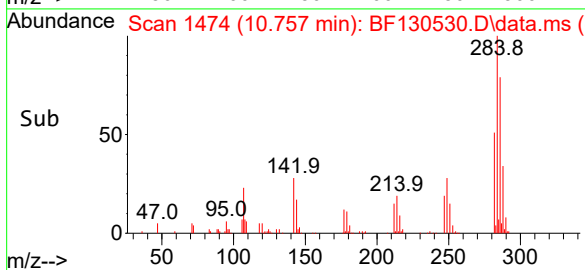
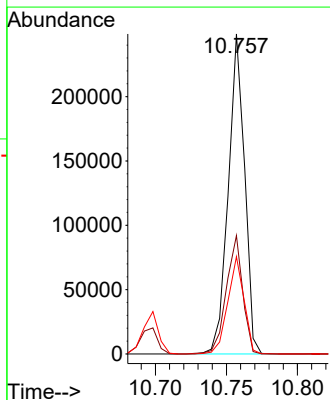
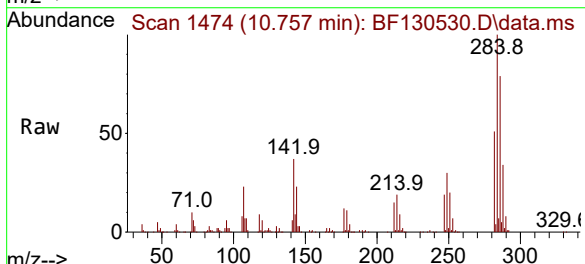
Instrument :
BNA_F
ClientSampleId :
PB148087BS

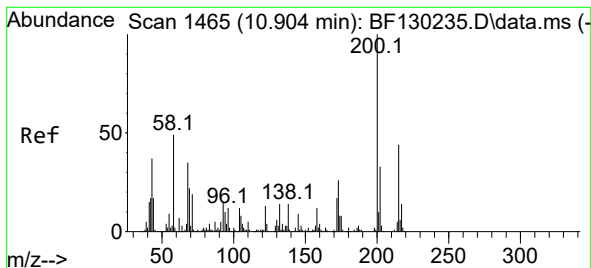
Tgt Ion:248 Resp: 172124
Ion Ratio Lower Upper
248 100
250 97.3 80.0 120.0
141 75.4 68.5 102.7



#68
Hexachlorobenzene
Concen: 44.478 ng
RT: 10.757 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion:284 Resp: 197776
Ion Ratio Lower Upper
284 100
142 37.0 27.2 40.8
249 30.4 23.8 35.8





#69

Atrazine

Concen: 46.004 ng

RT: 10.863 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF130530.D

Acq: 05 Oct 2022 13:53

Instrument :

BNA_F

ClientSampleId :

PB148087BS

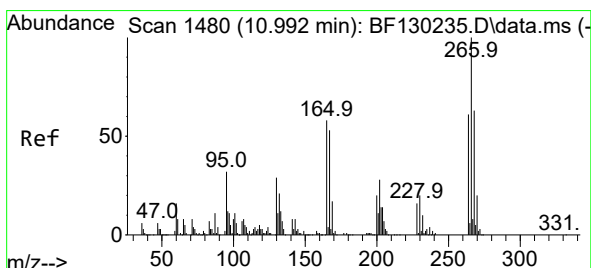
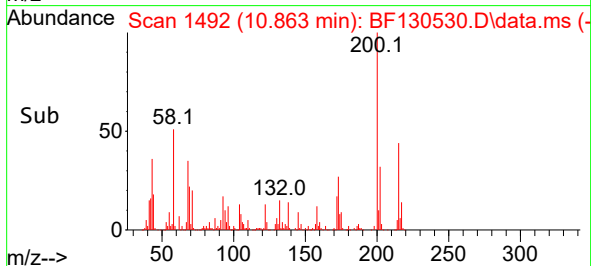
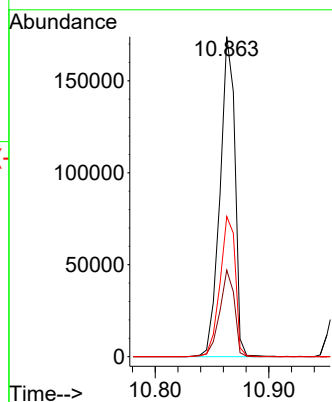
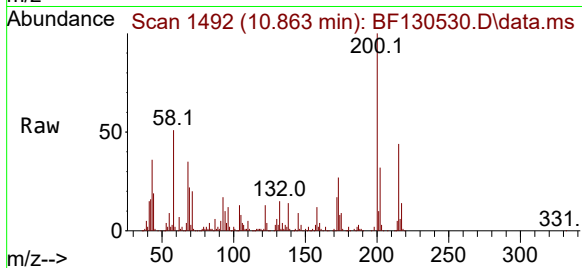
Tgt Ion:200 Resp: 159750

Ion Ratio Lower Upper

200 100

173 27.1 6.2 46.2

215 43.8 22.5 62.5



#70

Pentachlorophenol

Concen: 68.748 ng

RT: 10.957 min Scan# 1508

Delta R.T. 0.000 min

Lab File: BF130530.D

Acq: 05 Oct 2022 13:53

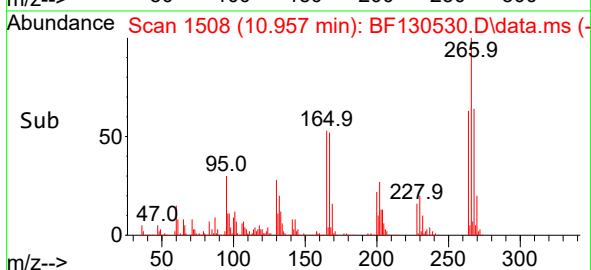
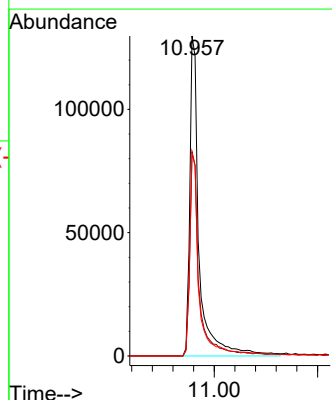
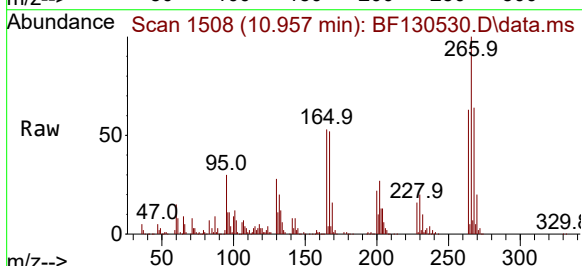
Tgt Ion:266 Resp: 164062

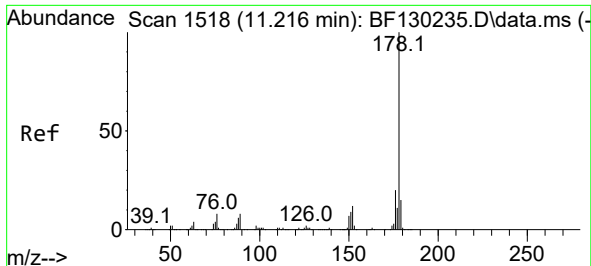
Ion Ratio Lower Upper

266 100

268 63.8 50.5 75.7

264 63.5 50.5 75.7

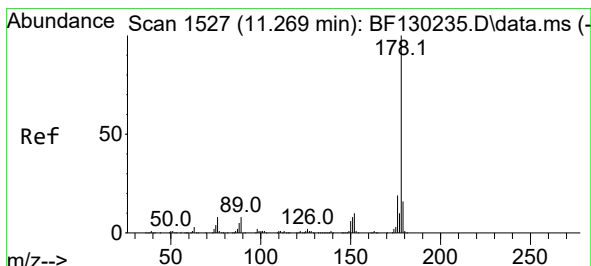
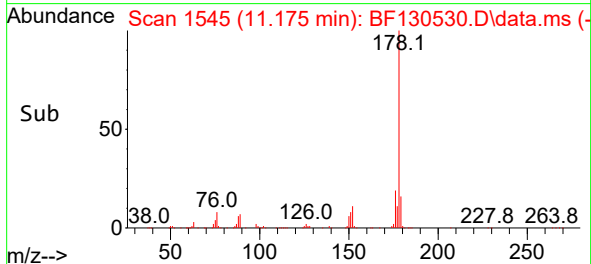
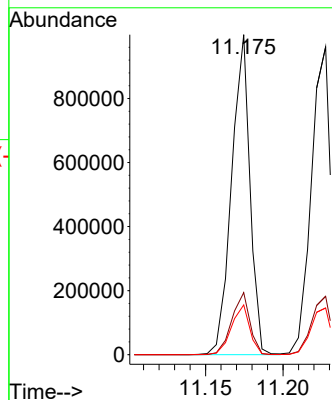
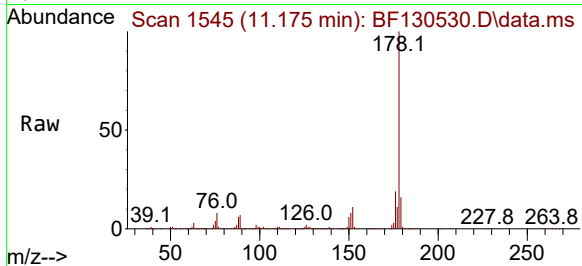




#71
Phenanthrene
Concen: 41.201 ng
RT: 11.175 min Scan# 1545
Delta R.T. 0.006 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

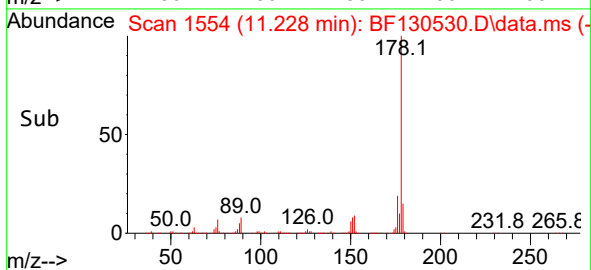
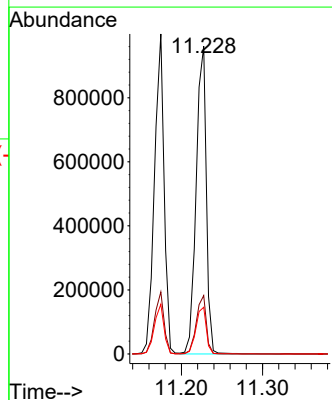
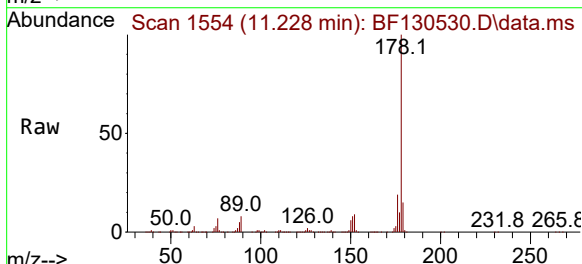
Instrument :
BNA_F
ClientSampleId :
PB148087BS

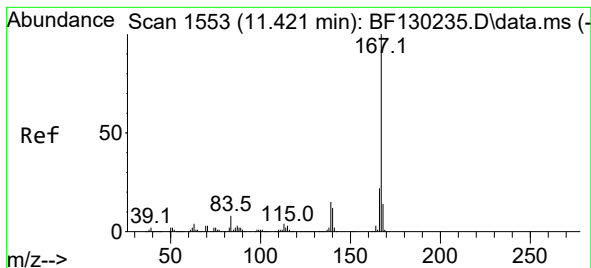
Tgt Ion:178 Resp: 822530
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.6 12.4 18.6



#72
Anthracene
Concen: 43.686 ng
RT: 11.228 min Scan# 1554
Delta R.T. 0.006 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion:178 Resp: 841632
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.2 12.7 19.1





#73

Carbazole

Concen: 43.261 ng

RT: 11.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130530.D

Acq: 05 Oct 2022 13:53

Instrument :

BNA_F

ClientSampleId :

PB148087BS

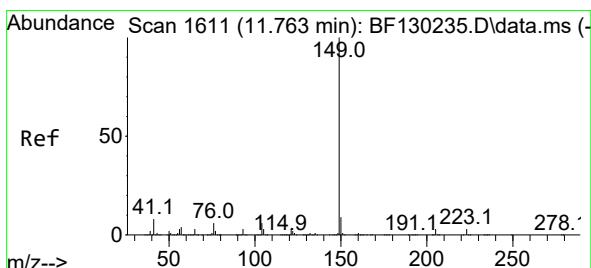
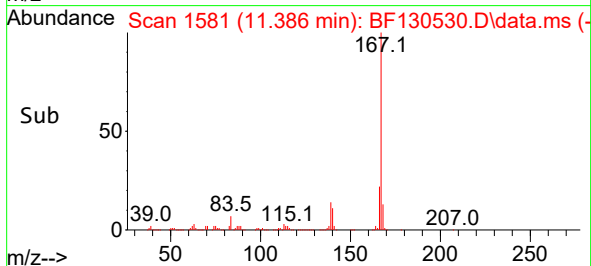
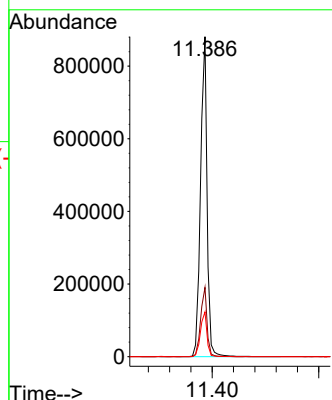
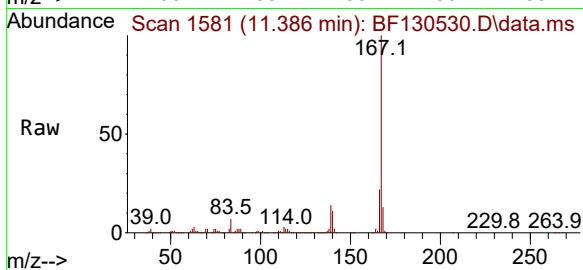
Tgt Ion:167 Resp: 752167

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

139 14.0 11.6 17.4



#74

Di-n-butylphthalate

Concen: 41.799 ng

RT: 11.716 min Scan# 1637

Delta R.T. 0.000 min

Lab File: BF130530.D

Acq: 05 Oct 2022 13:53

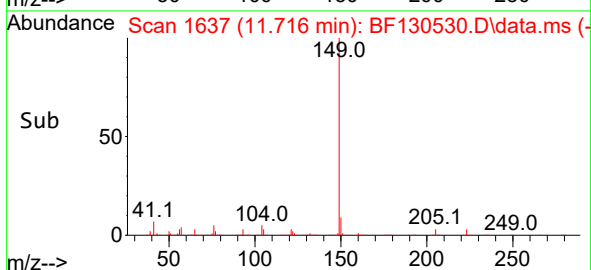
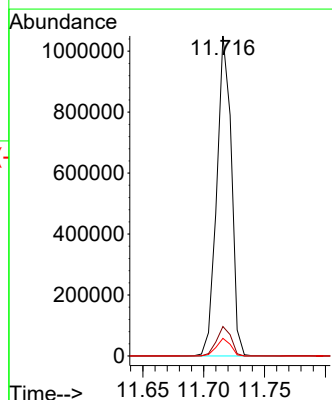
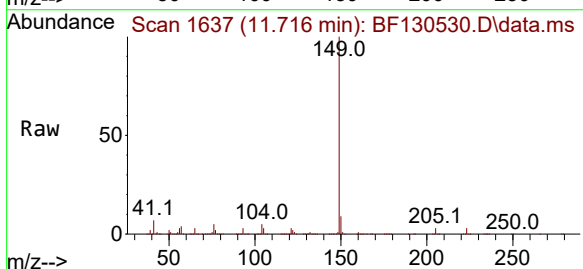
Tgt Ion:149 Resp: 876391

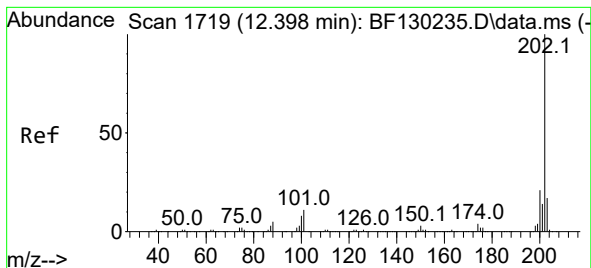
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.5 4.8 7.2





#75

Fluoranthene

Concen: 42.069 ng

RT: 12.357 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130530.D

Acq: 05 Oct 2022 13:53

Instrument :

BNA_F

ClientSampleId :

PB148087BS

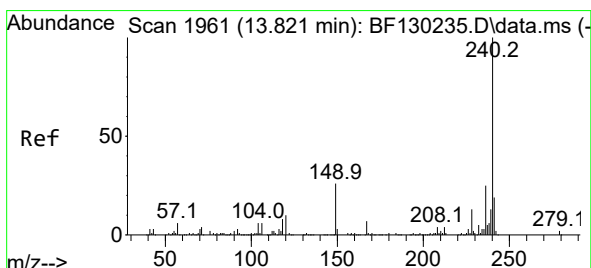
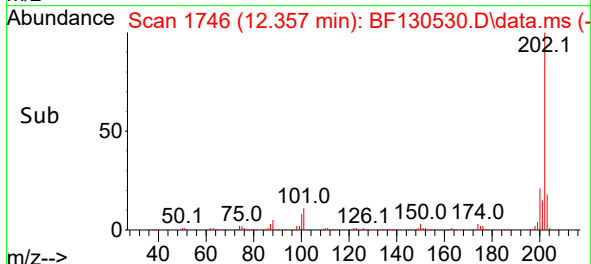
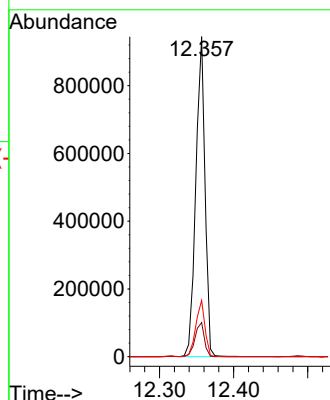
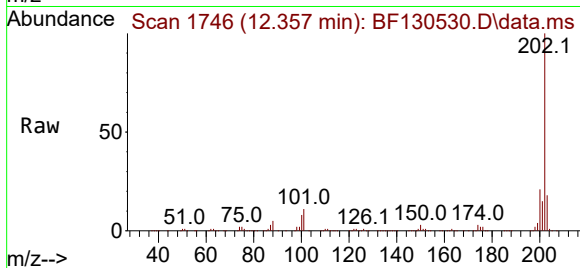
Tgt Ion:202 Resp: 811553

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.8

203 17.6 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.780 min Scan# 1988

Delta R.T. 0.006 min

Lab File: BF130530.D

Acq: 05 Oct 2022 13:53

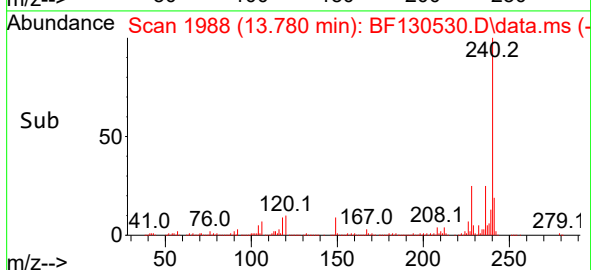
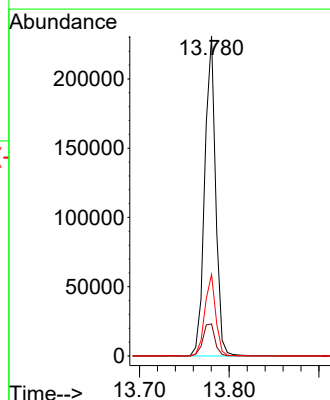
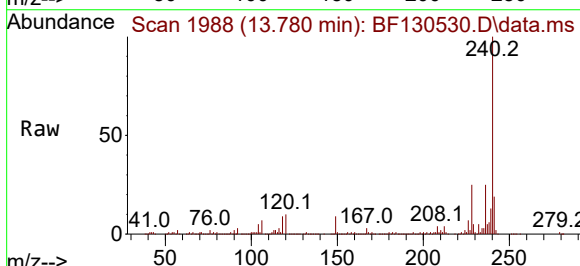
Tgt Ion:240 Resp: 194930

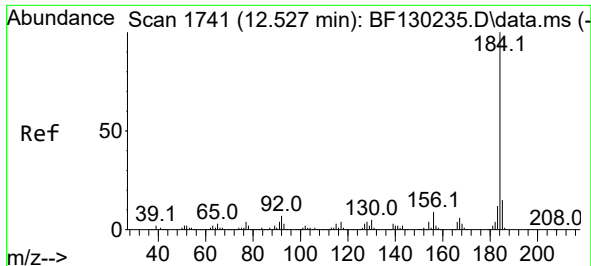
Ion Ratio Lower Upper

240 100

120 10.0 8.7 13.1

236 25.5 20.9 31.3

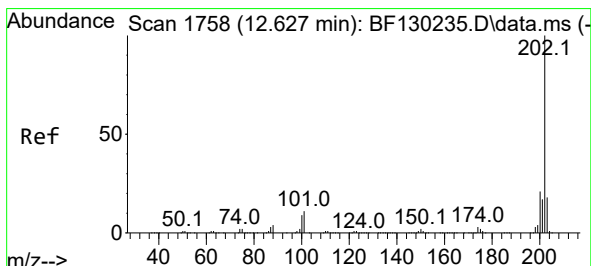
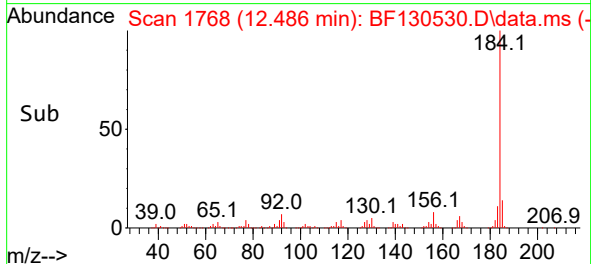
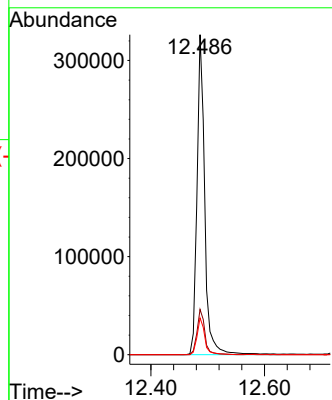
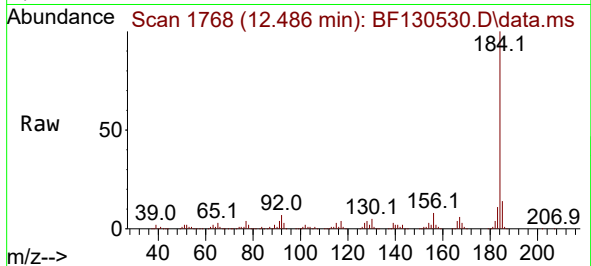




#77
Benzidine
Concen: 54.987 ng
RT: 12.486 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

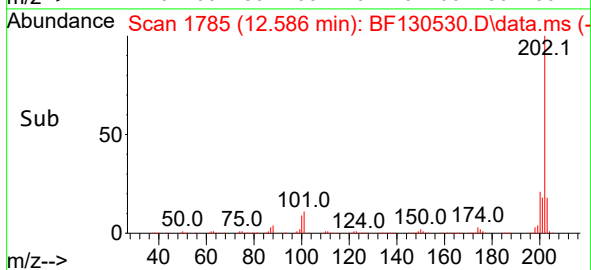
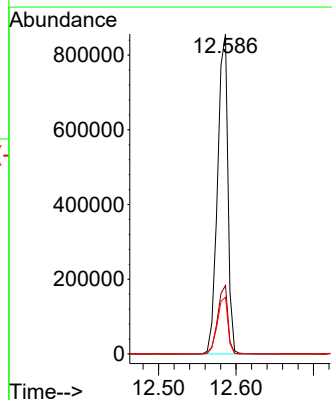
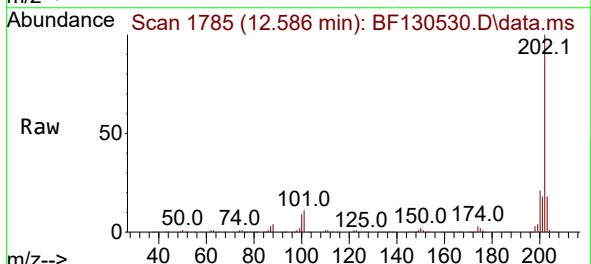
Instrument :
BNA_F
ClientSampleId :
PB148087BS

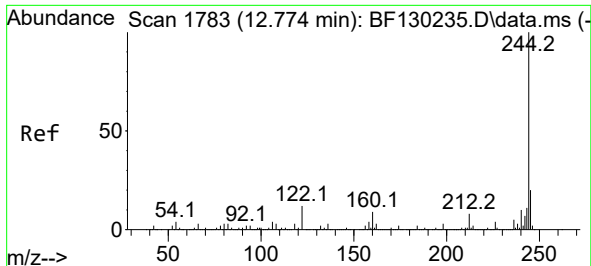
Tgt Ion:184 Resp: 311150
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.6
183 11.5 9.1 13.7



#78
Pyrene
Concen: 46.868 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.006 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion:202 Resp: 799224
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.8 14.3 21.5

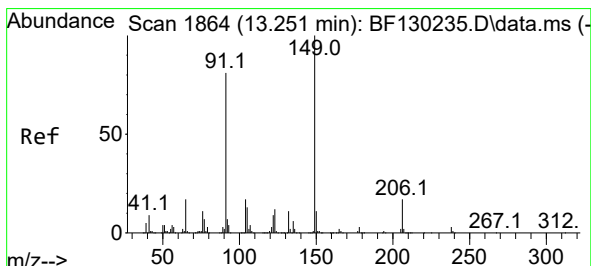
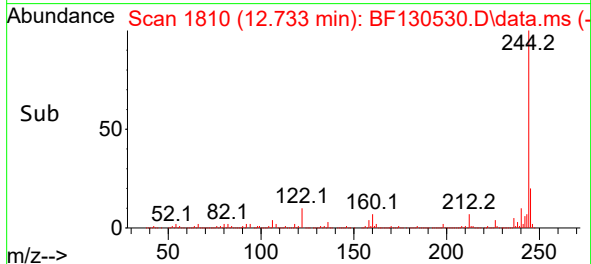
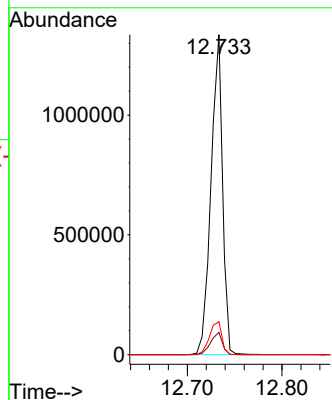
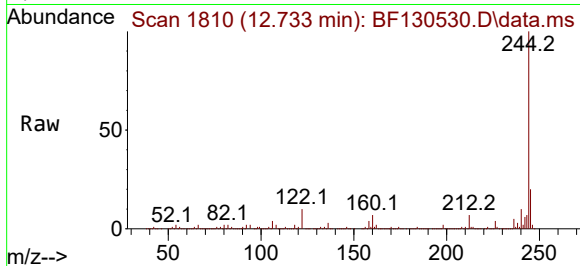




#79
 Terphenyl-d14
 Concen: 96.068 ng
 RT: 12.733 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: BF130530.D
 Acq: 05 Oct 2022 13:53

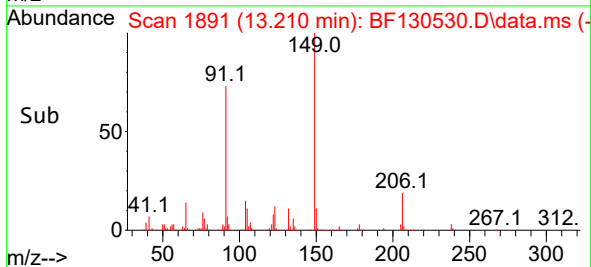
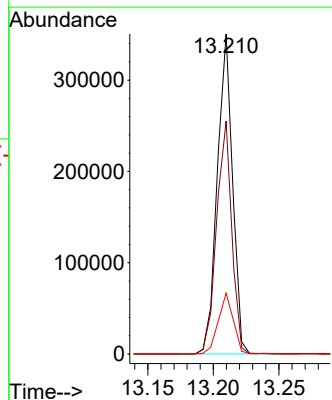
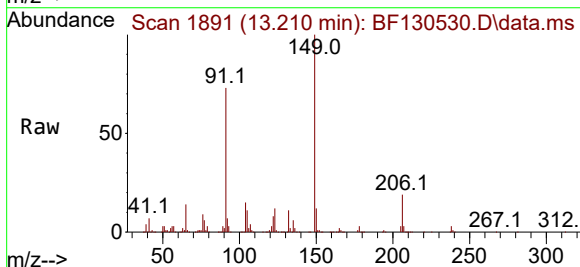
Instrument :
 BNA_F
 ClientSampleId :
 PB148087BS

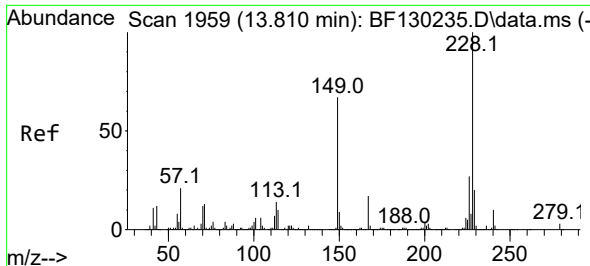
Tgt Ion:244 Resp: 1130489
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.3 8.5 12.7



#80
 Butylbenzylphthalate
 Concen: 44.923 ng
 RT: 13.210 min Scan# 1891
 Delta R.T. 0.000 min
 Lab File: BF130530.D
 Acq: 05 Oct 2022 13:53

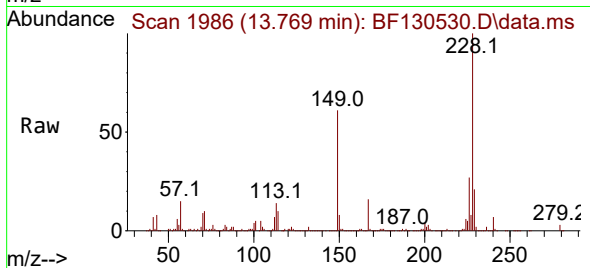
Tgt Ion:149 Resp: 283790
 Ion Ratio Lower Upper
 149 100
 91 72.8 59.8 89.8
 206 19.0 13.9 20.9



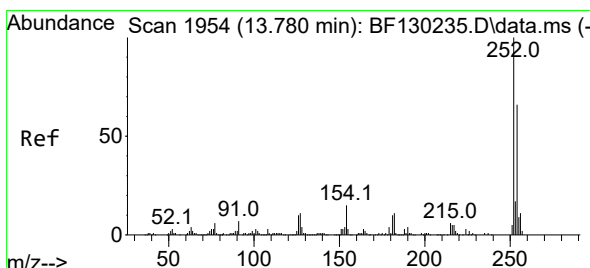
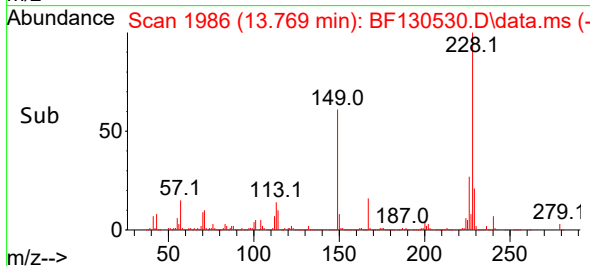
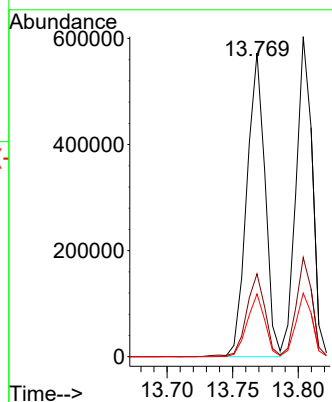


#81
Benzo(a)anthracene
Concen: 42.631 ng
RT: 13.769 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Instrument :
BNA_F
ClientSampleId :
PB148087BS

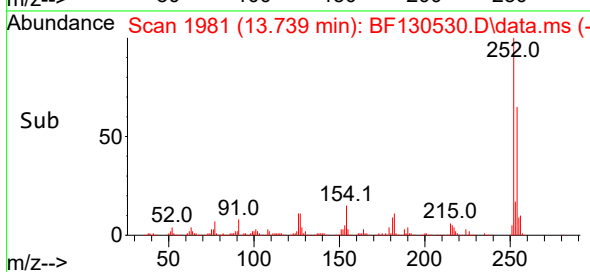
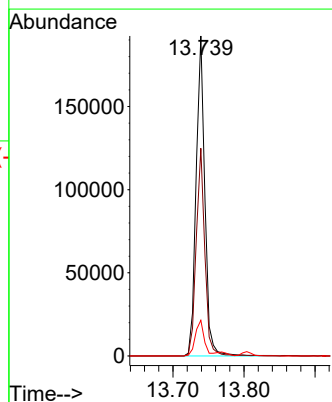
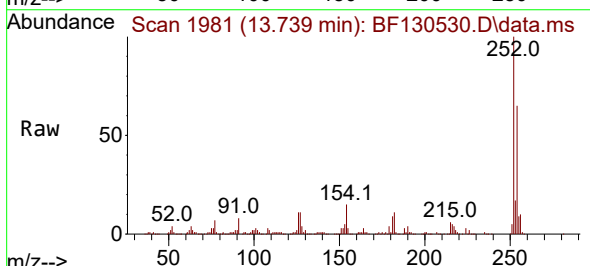


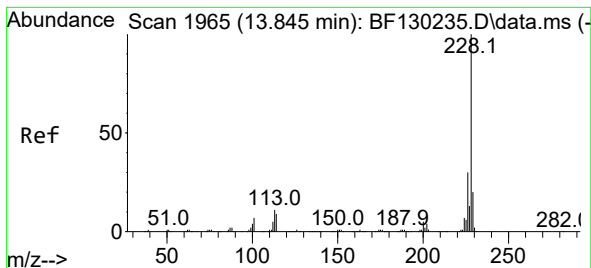
Tgt Ion:228 Resp: 552826
Ion Ratio Lower Upper
228 100
226 27.3 21.9 32.9
229 20.7 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 46.946 ng
RT: 13.739 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion:252 Resp: 165715
Ion Ratio Lower Upper
252 100
254 64.9 51.1 76.7
126 11.2 10.4 15.6





#83

Chrysene

Concen: 42.290 ng

RT: 13.804 min Scan# 1992

Delta R.T. 0.000 min

Lab File: BF130530.D

Acq: 05 Oct 2022 13:53

Instrument :

BNA_F

ClientSampleId :

PB148087BS

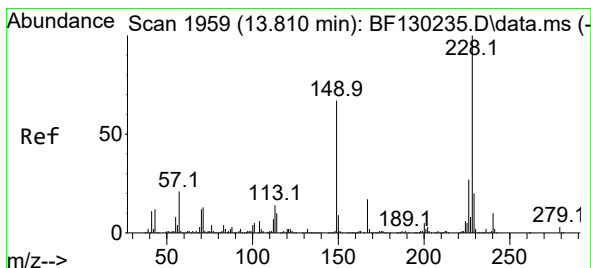
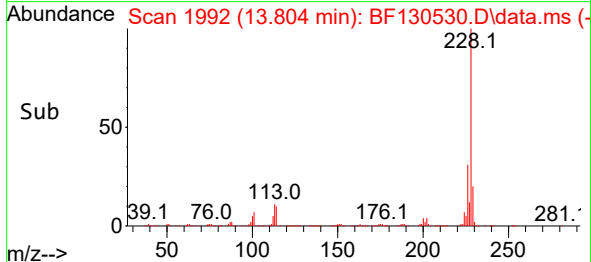
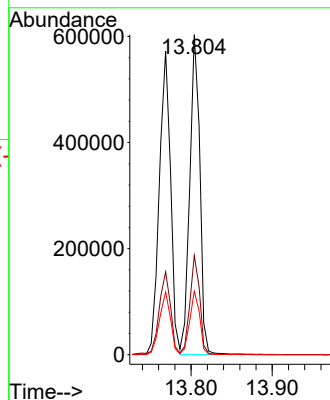
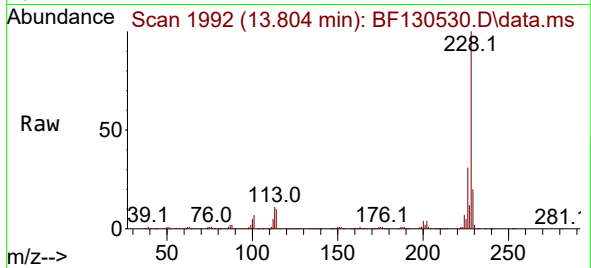
Tgt Ion:228 Resp: 520713

Ion Ratio Lower Upper

228 100

226 31.0 23.8 35.8

229 19.8 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.264 ng

RT: 13.769 min Scan# 1986

Delta R.T. 0.000 min

Lab File: BF130530.D

Acq: 05 Oct 2022 13:53

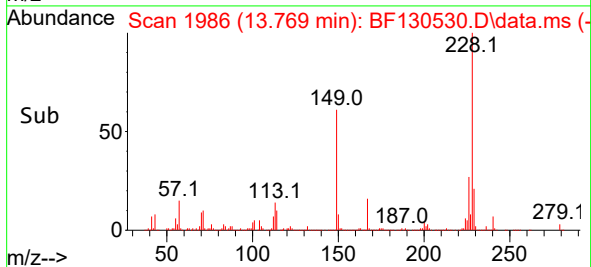
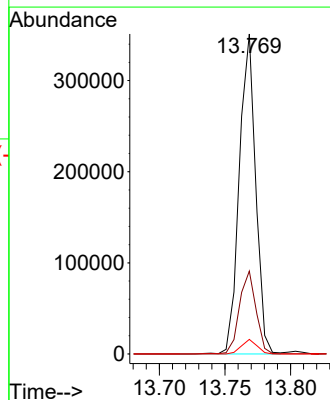
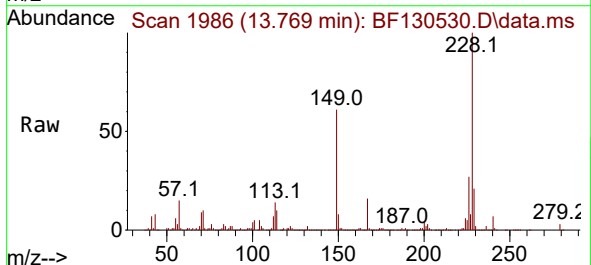
Tgt Ion:149 Resp: 305825

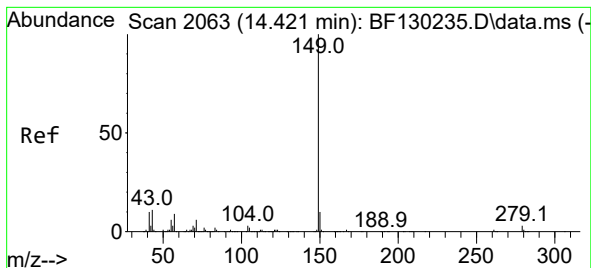
Ion Ratio Lower Upper

149 100

167 25.9 20.5 30.7

279 4.6 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 39.404 ng

RT: 14.380 min Scan# 2063

Delta R.T. 0.000 min

Lab File: BF130530.D

Acq: 05 Oct 2022 13:53

Instrument :

BNA_F

ClientSampleId :

PB148087BS

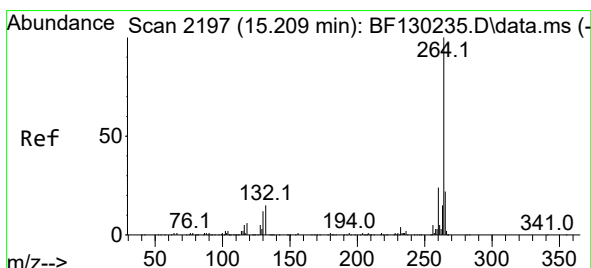
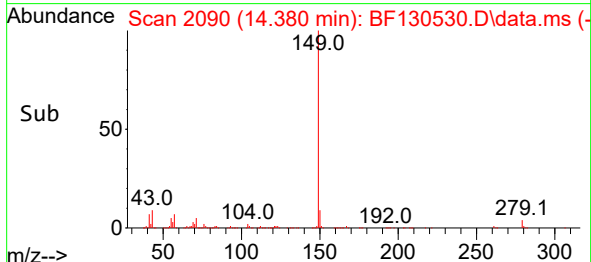
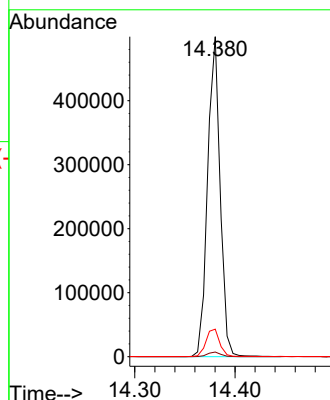
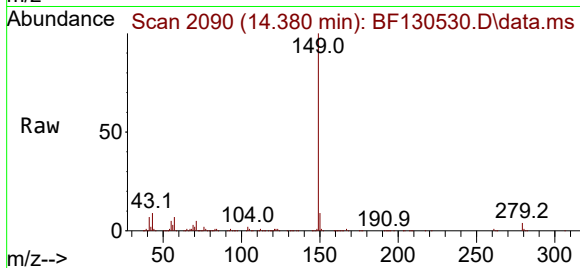
Tgt Ion:149 Resp: 436112

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.4 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.163 min Scan# 2223

Delta R.T. 0.000 min

Lab File: BF130530.D

Acq: 05 Oct 2022 13:53

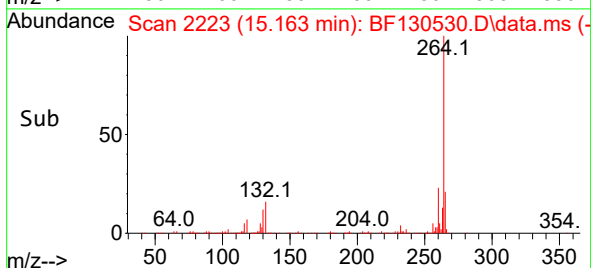
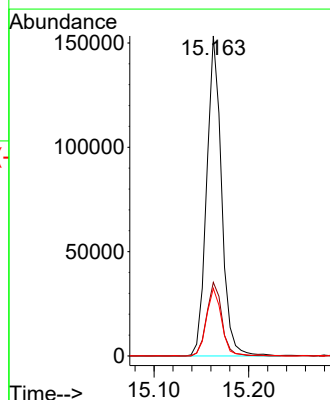
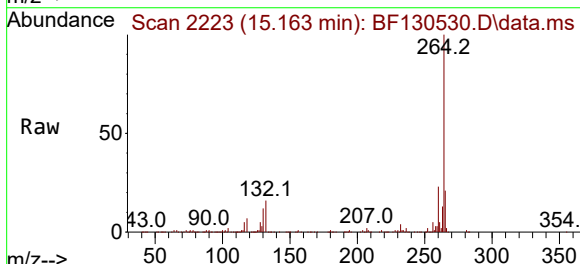
Tgt Ion:264 Resp: 167214

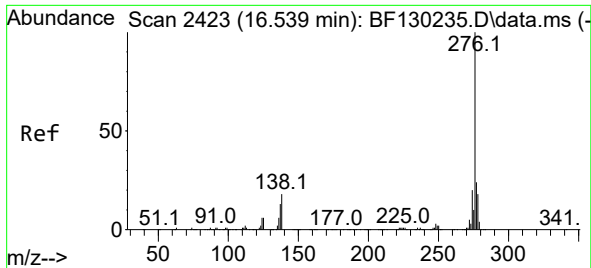
Ion Ratio Lower Upper

264 100

260 23.0 19.3 28.9

265 21.1 17.0 25.4

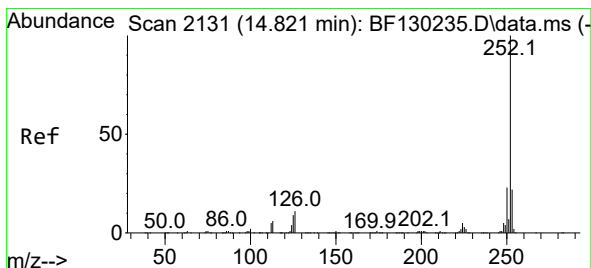
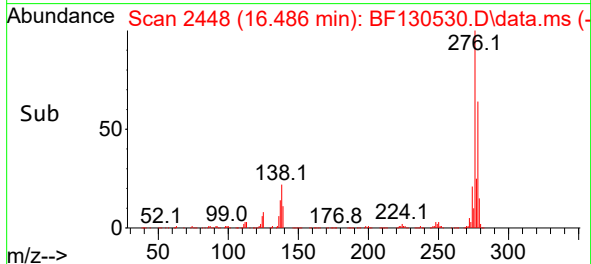
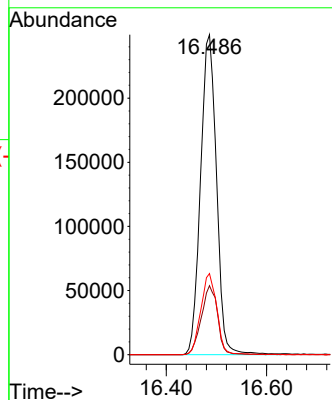
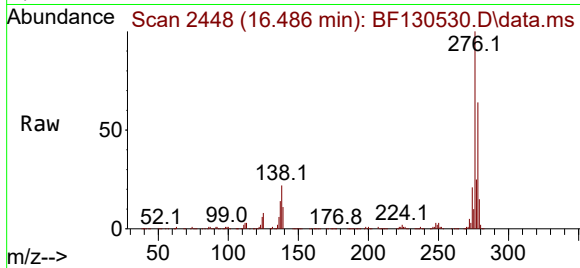




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.474 ng
RT: 16.486 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

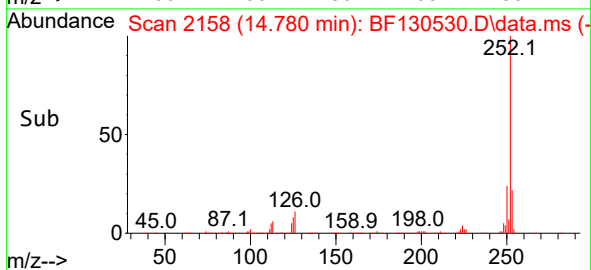
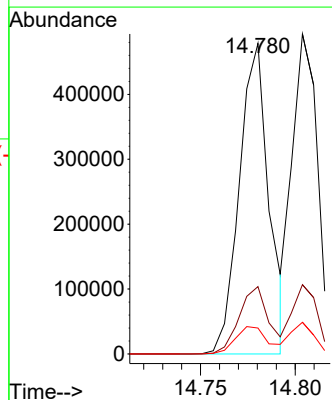
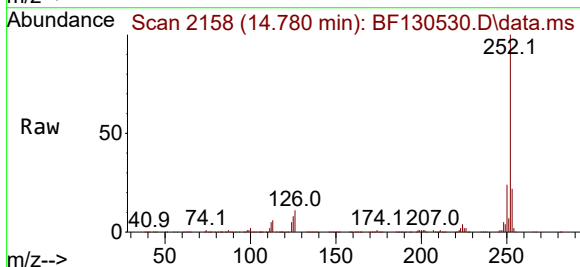
Instrument :
BNA_F
ClientSampleId :
PB148087BS

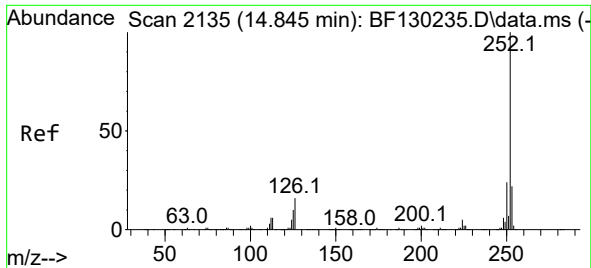
Tgt Ion:276 Resp: 551075
Ion Ratio Lower Upper
276 100
138 21.9 18.5 27.7
277 25.5 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 47.598 ng
RT: 14.780 min Scan# 2158
Delta R.T. 0.006 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion:252 Resp: 519488
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 8.4 8.1 12.1

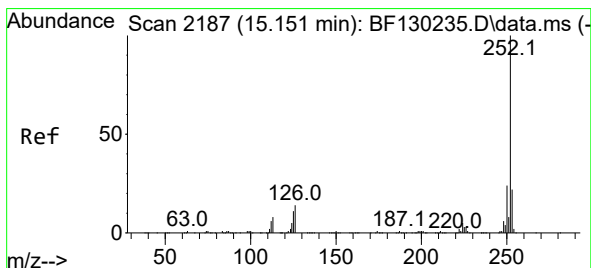
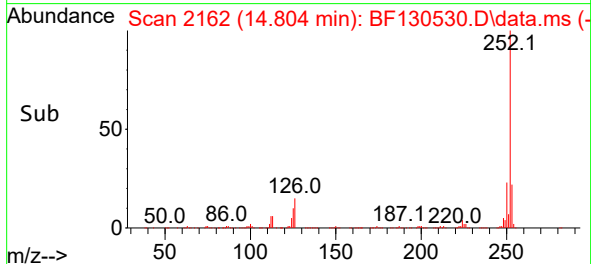
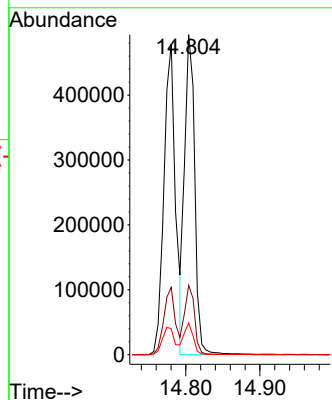
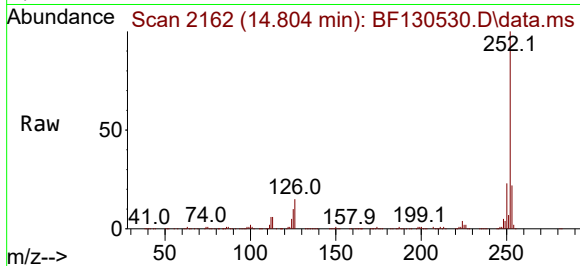




#89
Benzo(k)fluoranthene
Concen: 43.863 ng
RT: 14.804 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

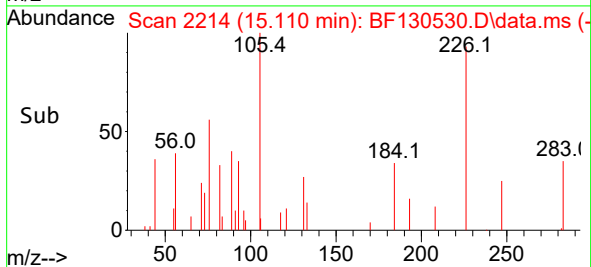
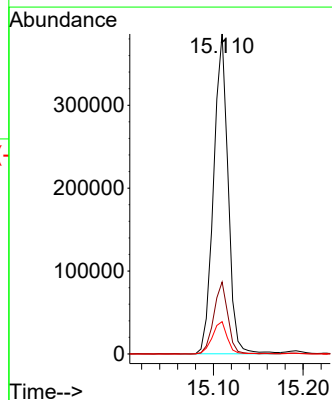
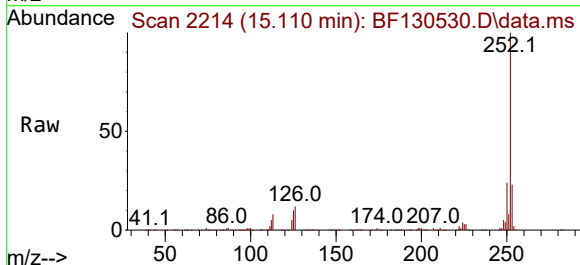
Instrument :
BNA_F
ClientSampleId :
PB148087BS

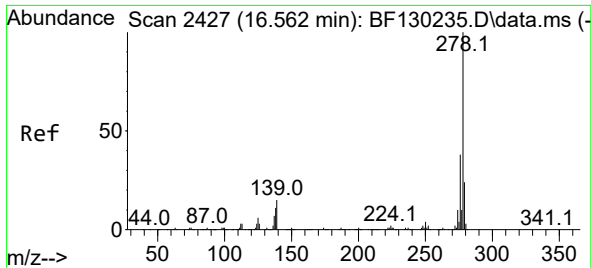
Tgt Ion:252 Resp: 470911
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 9.9 7.9 11.9



#90
Benzo(a)pyrene
Concen: 50.043 ng
RT: 15.110 min Scan# 2214
Delta R.T. 0.006 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion:252 Resp: 432697
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 10.1 9.0 13.6

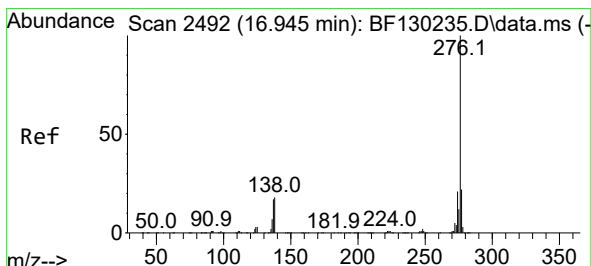
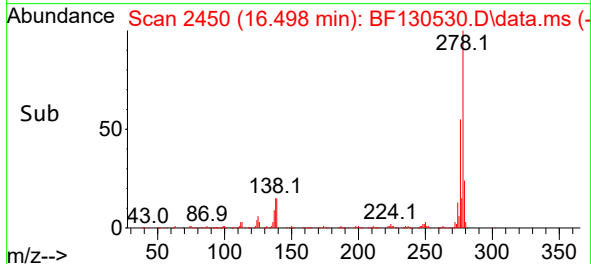
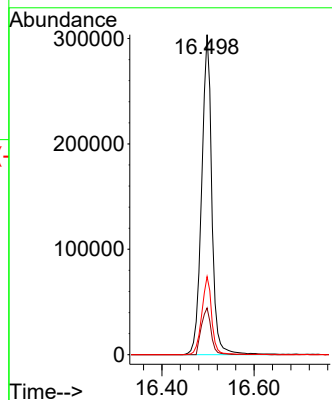
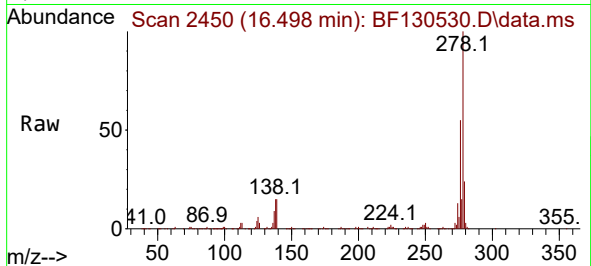




#91
Dibenzo(a,h)anthracene
Concen: 48.190 ng
RT: 16.498 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Instrument :
BNA_F
ClientSampleId :
PB148087BS

Tgt Ion:278 Resp: 468777
Ion Ratio Lower Upper
278 100
139 14.6 11.8 17.8
279 24.4 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 49.526 ng
RT: 16.880 min Scan# 2515
Delta R.T. 0.006 min
Lab File: BF130530.D
Acq: 05 Oct 2022 13:53

Tgt Ion:276 Resp: 485309
Ion Ratio Lower Upper
276 100
277 23.3 18.6 27.8
138 19.4 14.6 21.8

