

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122322\
 Data File : BF131803.D
 Acq On : 23 Dec 2022 12:52
 Operator : CG\JU
 Sample : PB149851BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149851BS

Quant Time: Dec 24 03:02:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 00:05:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	94254	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	372910	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	231872	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	436558	20.000	ng	0.00
76) Chrysene-d12	14.068	240	291668	20.000	ng	0.00
86) Perylene-d12	15.568	264	193295	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	794180	141.884	ng	0.02
7) Phenol-d6	6.498	99	1027092	136.329	ng	0.01
23) Nitrobenzene-d5	7.427	82	736616	80.190	ng	0.00
42) 2,4,6-Tribromophenol	10.715	330	334459	131.784	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1336507	80.743	ng	0.00
79) Terphenyl-d14	13.009	244	1688547	90.227	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.651	88	88500	33.834	ng	94
3) Pyridine	3.398	79	241363	32.361	ng	100
4) n-Nitrosodimethylamine	3.375	42	146205	43.327	ng	# 96
6) Aniline	6.516	93	213339	22.937	ng	# 86
8) 2-Chlorophenol	6.639	128	274686	45.690	ng	97
9) Benzaldehyde	6.398	77	100451	20.617	ng	97
10) Phenol	6.510	94	381492	42.411	ng	94
11) bis(2-Chloroethyl)ether	6.592	93	316896	49.231	ng	98
12) 1,3-Dichlorobenzene	6.792	146	296700	43.658	ng	96
13) 1,4-Dichlorobenzene	6.869	146	299777	43.154	ng	98
14) 1,2-Dichlorobenzene	7.022	146	288166	44.305	ng	99
15) Benzyl Alcohol	7.004	79	241589	35.902	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.127	45	384714	46.872	ng	93
17) 2-Methylphenol	7.116	107	249560	43.971	ng	94
18) Hexachloroethane	7.363	117	124435	45.188	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	243811	44.871	ng	96
20) 3+4-Methylphenols	7.269	107	321365	43.995	ng	98
22) Acetophenone	7.269	105	456056	41.907	ng	# 93
24) Nitrobenzene	7.445	77	373200	39.964	ng	98
25) Isophorone	7.686	82	686523	44.008	ng	99
26) 2-Nitrophenol	7.757	139	154096	42.223	ng	97
27) 2,4-Dimethylphenol	7.798	122	258730	49.774	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	389493	47.017	ng	100
29) 2,4-Dichlorophenol	8.004	162	262496	41.831	ng	98
30) 1,2,4-Trichlorobenzene	8.080	180	297596	40.340	ng	100
31) Naphthalene	8.163	128	802037	39.382	ng	99
32) Benzoic acid	7.951	122	182876	43.951	ng	98
33) 4-Chloroaniline	8.216	127	110089	13.861	ng	100
34) Hexachlorobutadiene	8.274	225	203643	41.029	ng	99
35) Caprolactam	8.616	113	44336	23.431	ng	92
36) 4-Chloro-3-methylphenol	8.716	107	303750	42.373	ng	96
37) 2-Methylnaphthalene	8.863	142	565605	40.714	ng	99
38) 1-Methylnaphthalene	8.963	142	527682	39.219	ng	100
40) 1,2,4,5-Tetrachloroben...	9.027	216	328361	41.392	ng	99
41) Hexachlorocyclopentadiene	9.010	237	377261	104.967	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	209602	40.447	ng	99

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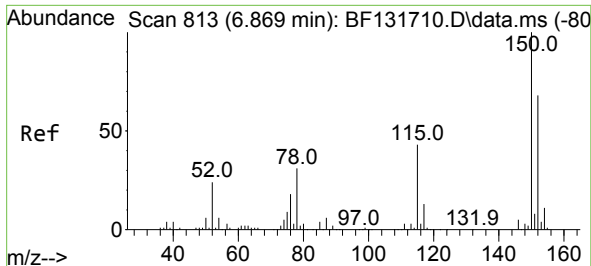
Quant Time: Dec 24 03:02:45 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 00:05:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	219166	39.067	ng	95
46) 1,1'-Biphenyl	9.333	154	728262	41.755	ng	98
47) 2-Chloronaphthalene	9.357	162	575839	40.320	ng	99
48) 2-Nitroaniline	9.463	65	203324	39.499	ng	99
49) Acenaphthylene	9.774	152	852665	39.805	ng	100
50) Dimethylphthalate	9.639	163	731487	41.926	ng	100
51) 2,6-Dinitrotoluene	9.704	165	152827	40.737	ng	91
52) Acenaphthene	9.951	154	520418	39.659	ng	98
53) 3-Nitroaniline	9.874	138	85858	22.367	ng	97
54) 2,4-Dinitrophenol	9.986	184	196447	87.392	ng	89
55) Dibenzofuran	10.121	168	804947	40.003	ng	100
56) 4-Nitrophenol	10.051	139	199667	72.674	ng	98
57) 2,4-Dinitrotoluene	10.116	165	208927	41.444	ng	94
58) Fluorene	10.468	166	645699	39.689	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	181878	38.834	ng	95
60) Diethylphthalate	10.345	149	713831	42.461	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	357352	41.328	ng	99
62) 4-Nitroaniline	10.504	138	140683	36.415	ng	99
63) Azobenzene	10.621	77	746230	40.421	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	127994	42.704	ng	88
66) n-Nitrosodiphenylamine	10.580	169	564747	41.715	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	219495	42.570	ng	96
68) Hexachlorobenzene	11.015	284	239074	42.160	ng	93
69) Atrazine	11.110	200	128225	28.414	ng	98
70) Pentachlorophenol	11.215	266	254321	84.499	ng	99
71) Phenanthrene	11.439	178	947715	39.812	ng	98
72) Anthracene	11.492	178	971523	41.682	ng	99
73) Carbazole	11.645	167	812550	40.294	ng	99
74) Di-n-butylphthalate	11.974	149	1119796	44.596	ng	100
75) Fluoranthene	12.633	202	1064437	40.150	ng	99
77) Benzidine	12.757	184	47131	8.812	ng	96
78) Pyrene	12.862	202	1061139	40.016	ng	100
80) Butylbenzylphthalate	13.480	149	441071	47.159	ng	94
81) Benzo(a)anthracene	14.056	228	854068	40.658	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	187479	31.967	ng	97
83) Chrysene	14.098	228	784048	39.546	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	612828	54.949	ng	98
85) Di-n-octyl phthalate	14.662	149	874576	56.178	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	556915	42.895	ng	99
88) Benzo(b)fluoranthene	15.127	252	659454	48.222	ng	99
89) Benzo(k)fluoranthene	15.162	252	587062	43.994	ng	99
90) Benzo(a)pyrene	15.509	252	510766	47.152	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	486047	45.300	ng	99
92) Benzo(g,h,i)perylene	17.550	276	461299	43.498	ng	99

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

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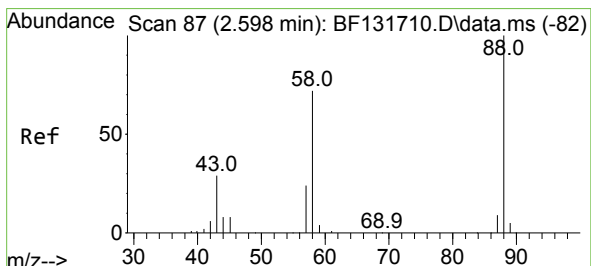
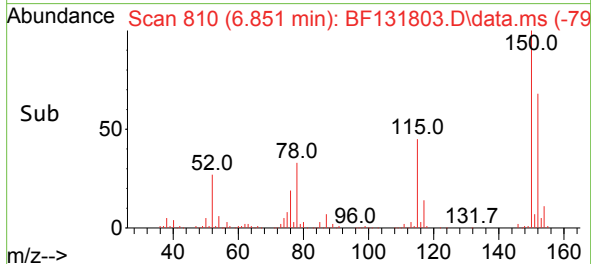
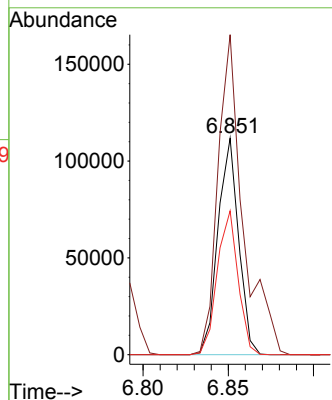
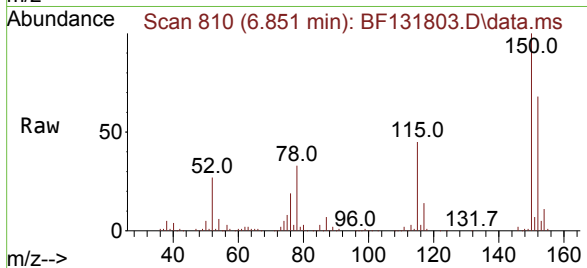




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131803.D
 Acq: 23 Dec 2022 12:52

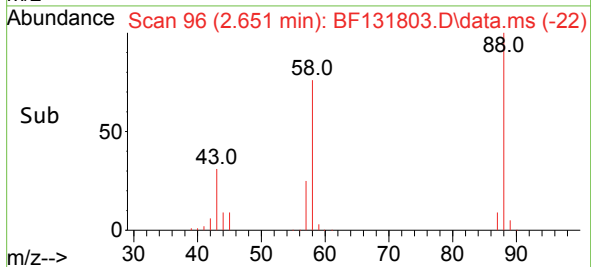
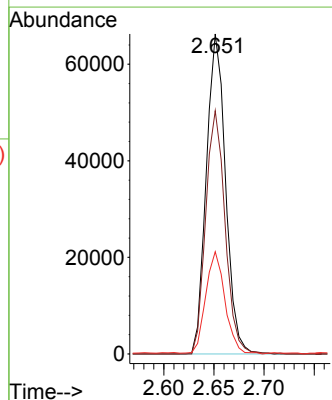
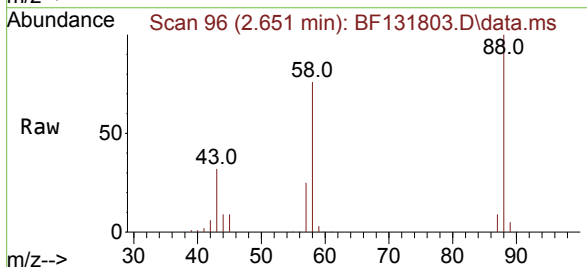
Instrument :
 BNA_F
 ClientSampleId :
 PB149851BS

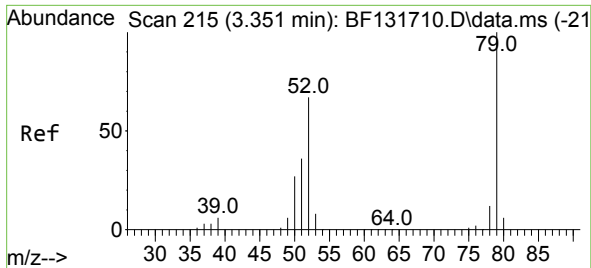
Tgt Ion:152 Resp: 94254
 Ion Ratio Lower Upper
 152 100
 150 147.8 117.4 176.0
 115 66.5 50.2 75.4



#2
 1,4-Dioxane
 Concen: 33.834 ng
 RT: 2.651 min Scan# 96
 Delta R.T. 0.088 min
 Lab File: BF131803.D
 Acq: 23 Dec 2022 12:52

Tgt Ion: 88 Resp: 88500
 Ion Ratio Lower Upper
 88 100
 58 76.5 57.5 86.3
 43 32.2 23.3 34.9





#3

Pyridine

Concen: 32.361 ng

RT: 3.398 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB149851BS

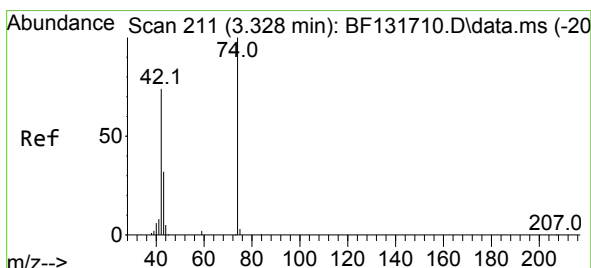
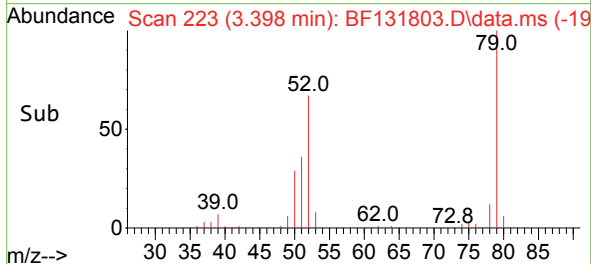
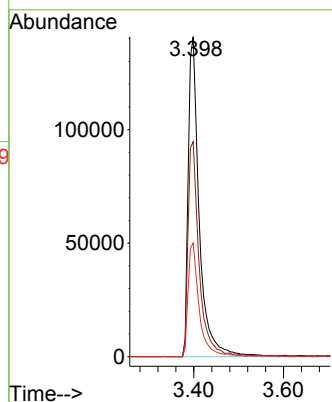
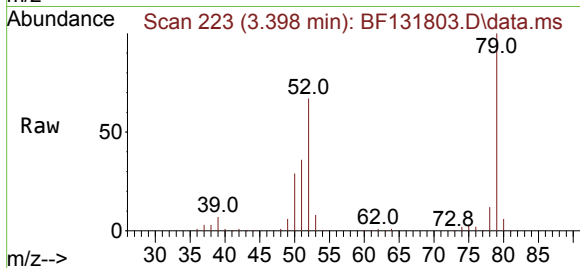
Tgt Ion: 79 Resp: 241363

Ion Ratio Lower Upper

79 100

52 67.2 53.7 80.5

51 35.5 28.6 42.8



#4

n-Nitrosodimethylamine

Concen: 43.327 ng

RT: 3.375 min Scan# 219

Delta R.T. 0.082 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

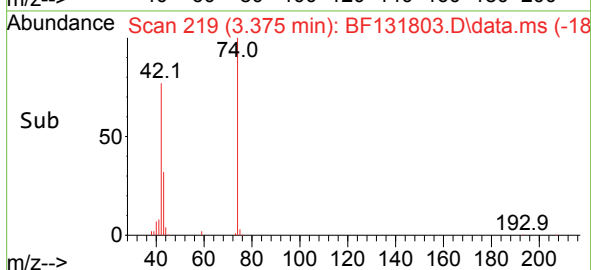
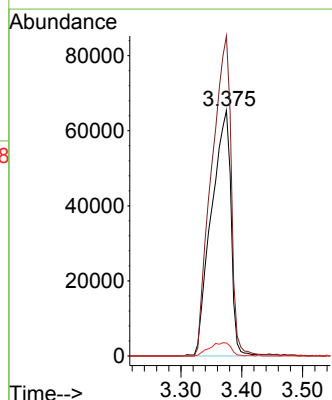
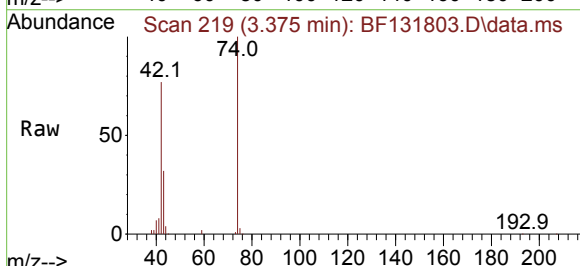
Tgt Ion: 42 Resp: 146205

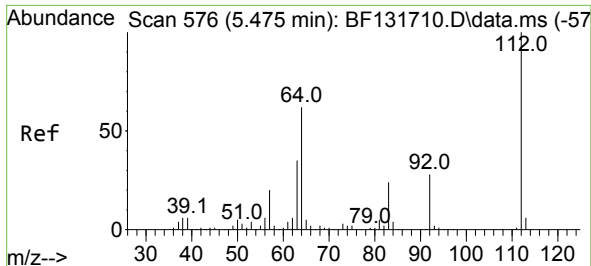
Ion Ratio Lower Upper

42 100

74 130.4 107.8 161.8

44 5.3 5.5 8.3#

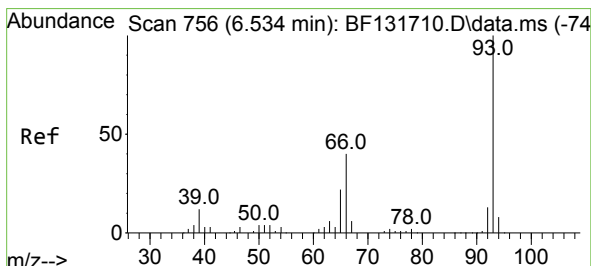
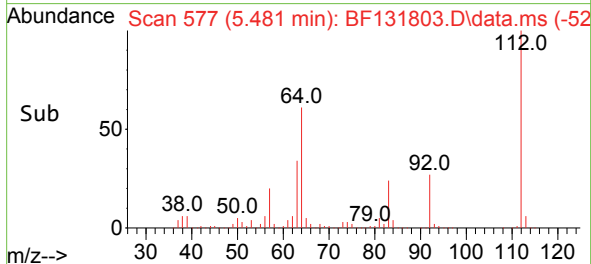
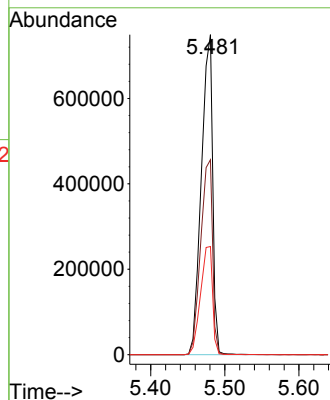
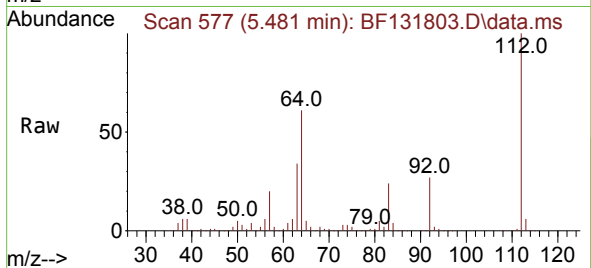




#5
2-Fluorophenol
Concen: 141.884 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

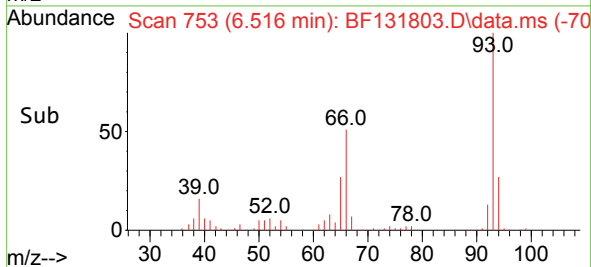
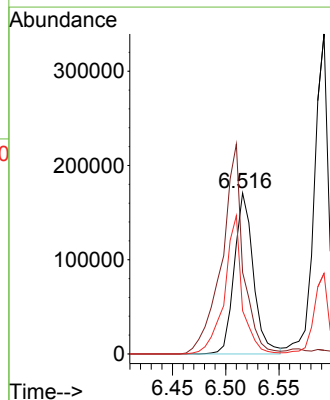
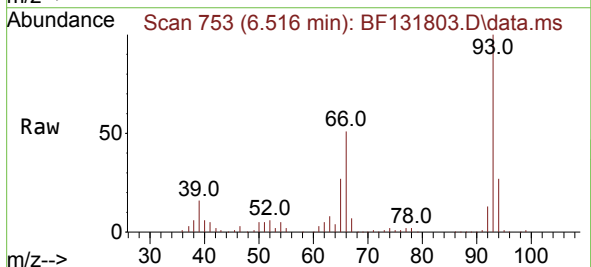
Instrument :
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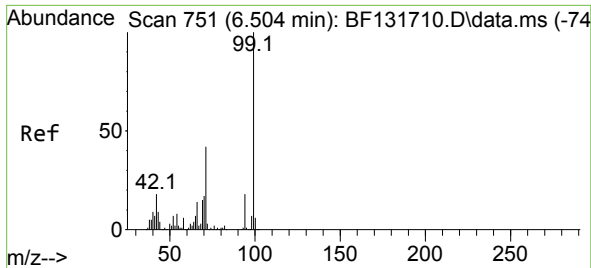
Tgt Ion:112 Resp: 794180
Ion Ratio Lower Upper
112 100
64 60.9 49.5 74.3
63 33.8 28.2 42.2



#6
Aniline
Concen: 22.937 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Tgt Ion: 93 Resp: 213339
Ion Ratio Lower Upper
93 100
66 50.7 32.8 49.2#
65 26.8 17.4 26.2#





#7

Phenol-d6

Concen: 136.329 ng

RT: 6.498 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Instrument :

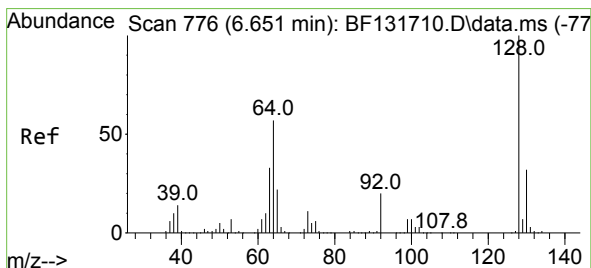
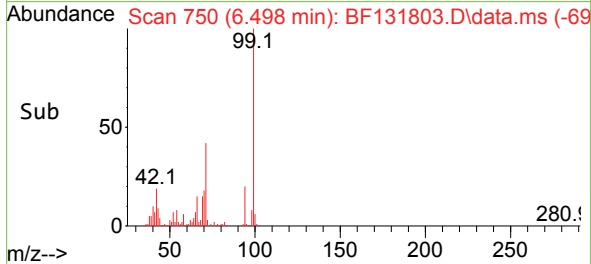
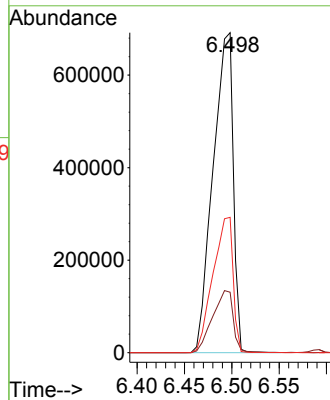
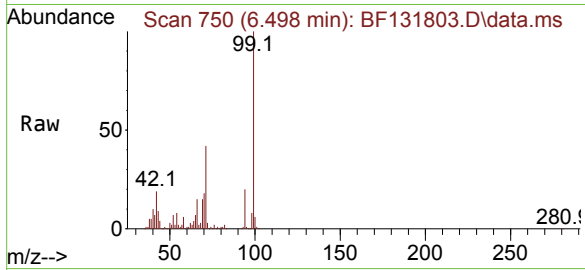
BNA_F

ClientSampleId :

PB149851BS

Tgt Ion: 99 Resp: 1027092

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.8	22.2
71	42.3	33.8	50.6



#8

2-Chlorophenol

Concen: 45.690 ng

RT: 6.639 min Scan# 774

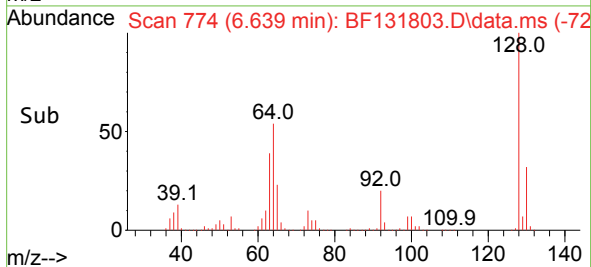
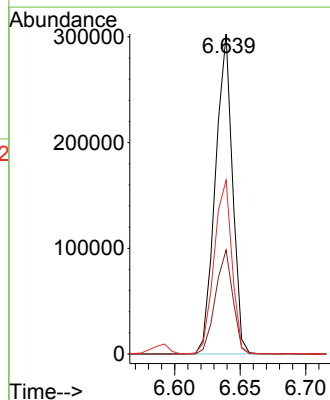
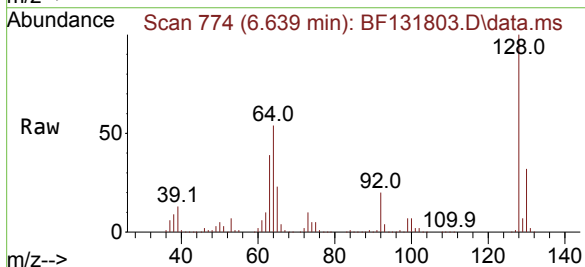
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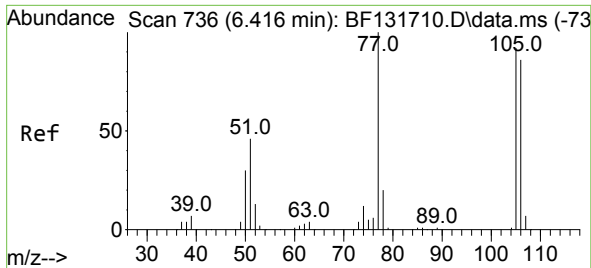
Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Tgt Ion:128 Resp: 274686

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.0	52.0
64	54.3	37.7	77.7



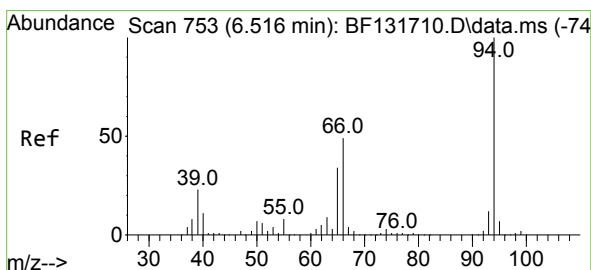
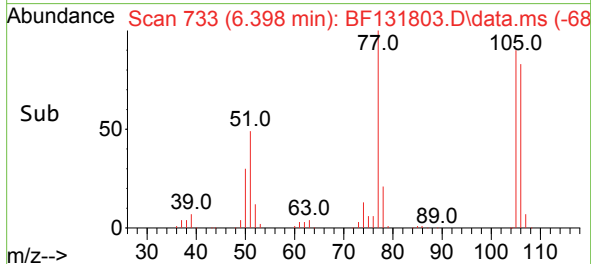
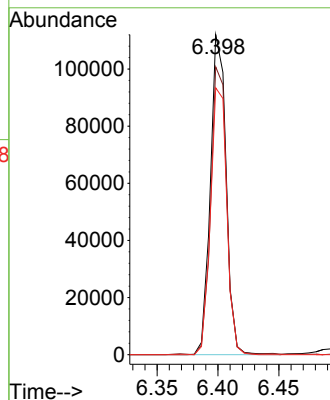
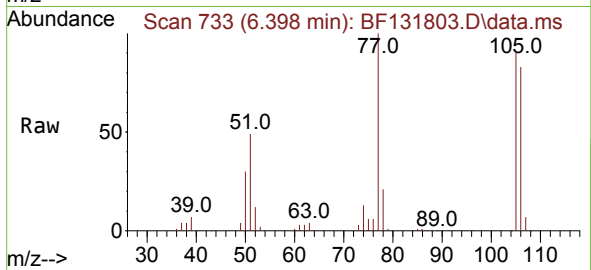


#9
Benzaldehyde
Concen: 20.617 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Instrument :
BNA_F
ClientSampleId :
PB149851BS

Tgt Ion: 77 Resp: 100451

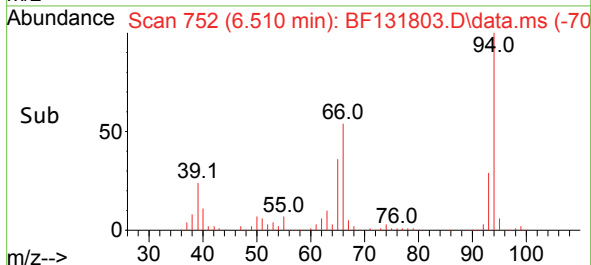
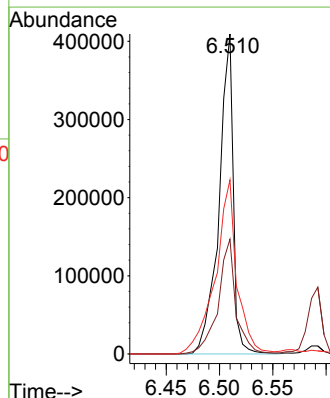
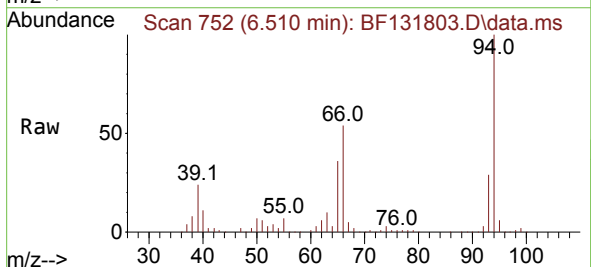
Ion	Ratio	Lower	Upper
77	100		
105	90.0	72.4	112.4
106	83.4	66.5	106.5

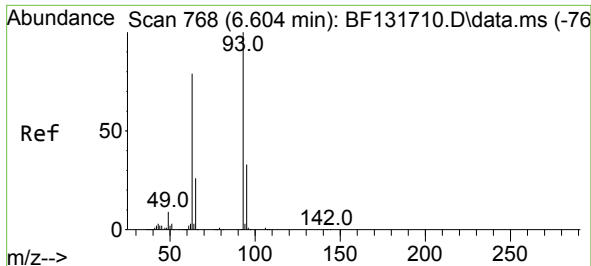


#10
Phenol
Concen: 42.411 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Tgt Ion: 94 Resp: 381492

Ion	Ratio	Lower	Upper
94	100		
65	35.8	14.0	54.0
66	54.4	28.8	68.8





#11

bis(2-Chloroethyl)ether

Concen: 49.231 ng

RT: 6.592 min Scan# 7

Delta R.T. -0.000 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB149851BS

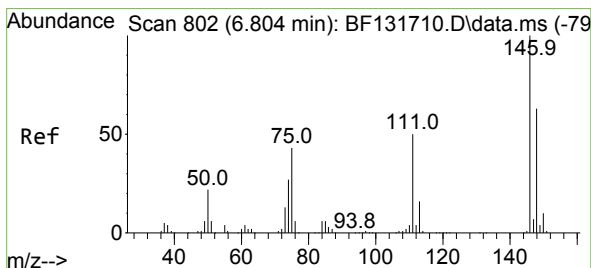
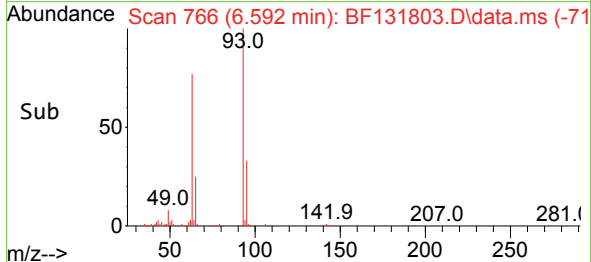
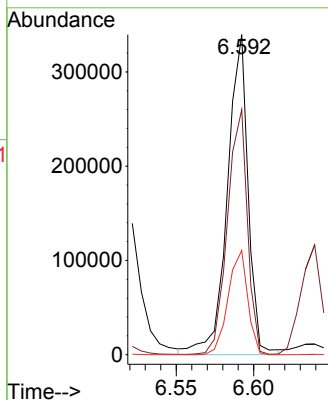
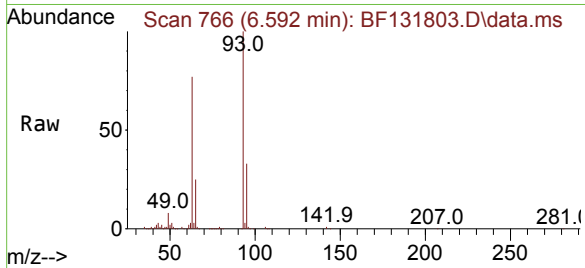
Tgt Ion: 93 Resp: 316896

Ion Ratio Lower Upper

93 100

63 76.6 59.0 99.0

95 32.6 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 43.658 ng

RT: 6.792 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

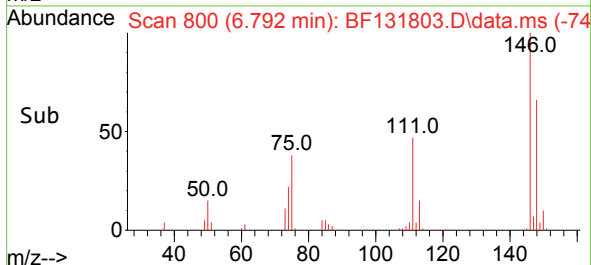
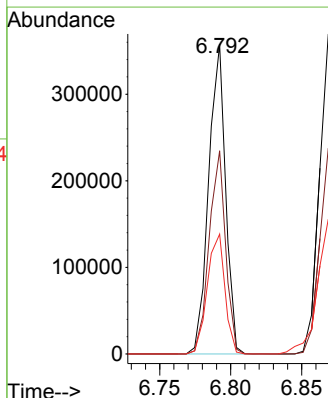
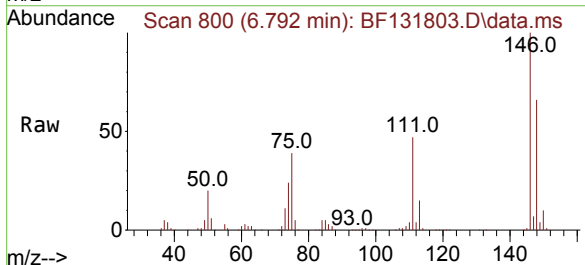
Tgt Ion:146 Resp: 296700

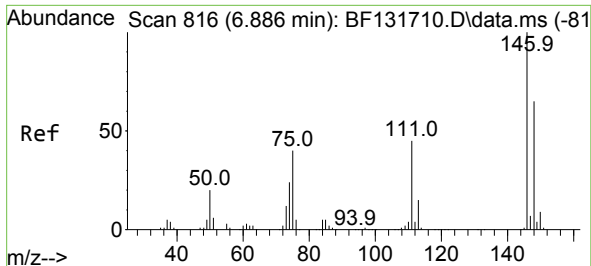
Ion Ratio Lower Upper

146 100

148 65.6 50.6 76.0

75 38.7 34.3 51.5





#13

1,4-Dichlorobenzene

Concen: 43.154 ng

RT: 6.869 min Scan# 816

Delta R.T. -0.000 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB149851BS

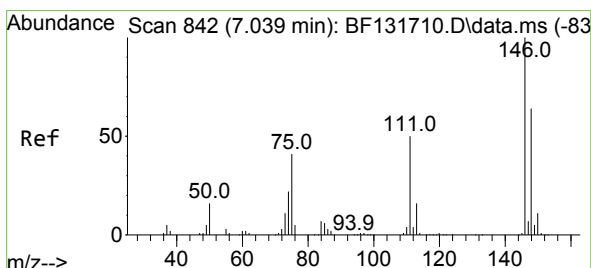
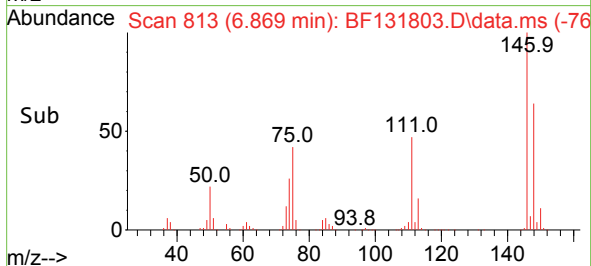
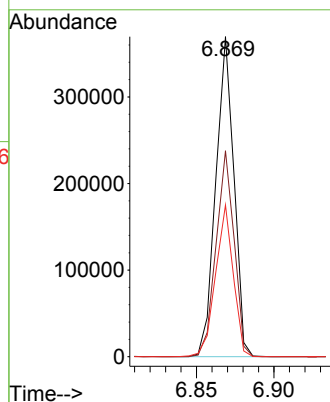
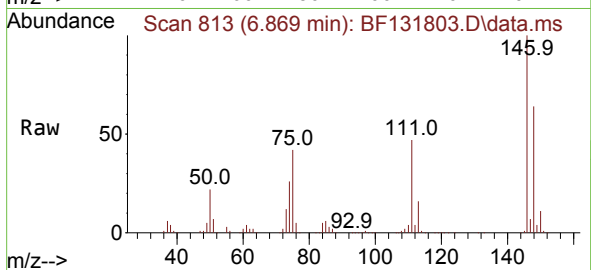
Tgt Ion:146 Resp: 299777

Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.4

111 47.4 36.4 54.6



#14

1,2-Dichlorobenzene

Concen: 44.305 ng

RT: 7.022 min Scan# 839

Delta R.T. -0.000 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

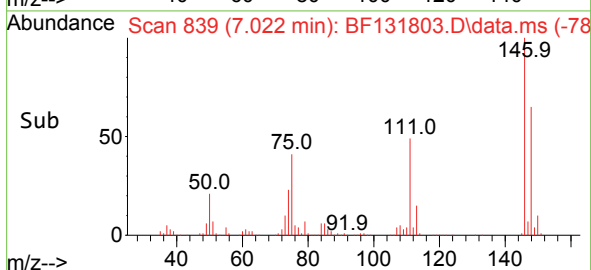
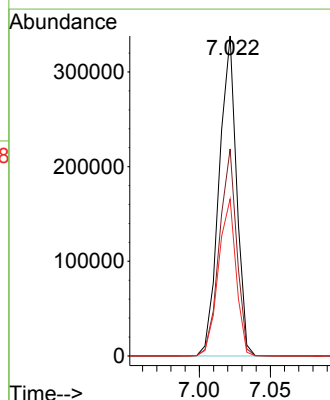
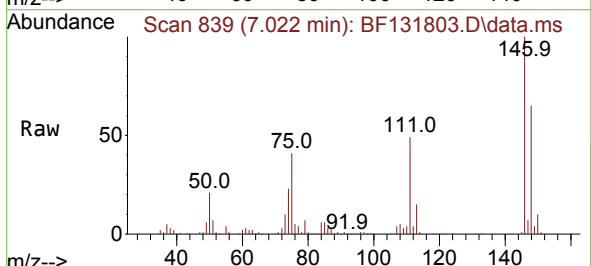
Tgt Ion:146 Resp: 288166

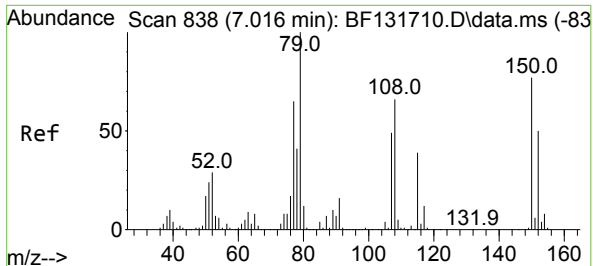
Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.0

111 49.1 39.8 59.6





#15

Benzyl Alcohol

Concen: 35.902 ng

RT: 7.004 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB149851BS

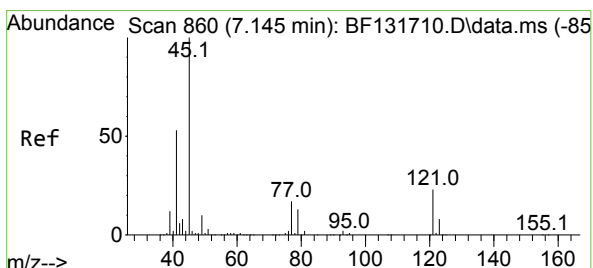
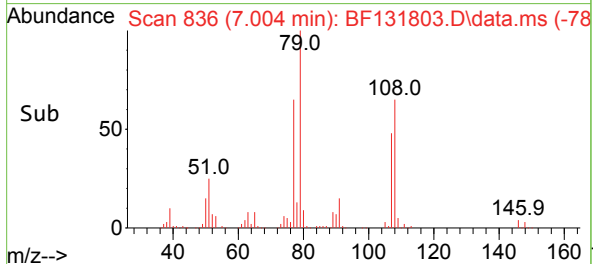
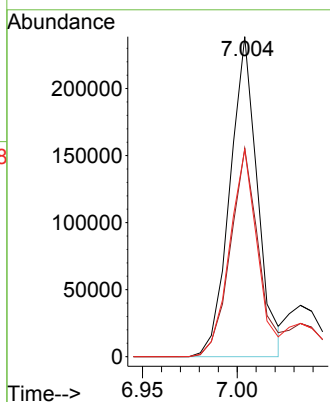
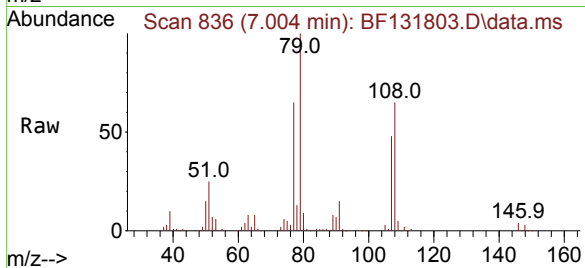
Tgt Ion: 79 Resp: 241589

Ion Ratio Lower Upper

79 100

108 65.1 52.6 78.8

77 64.8 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.872 ng

RT: 7.127 min Scan# 857

Delta R.T. -0.000 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

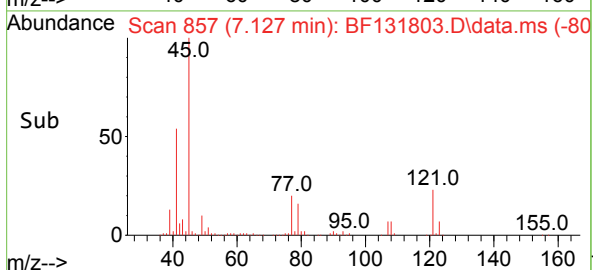
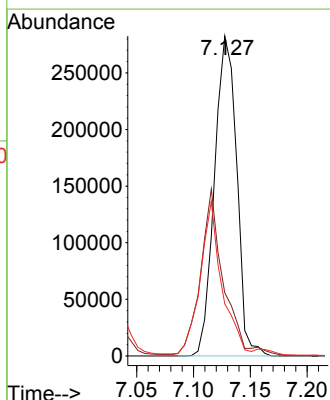
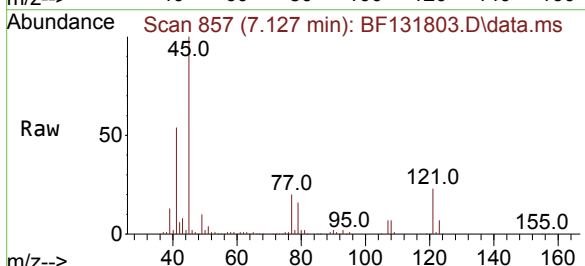
Tgt Ion: 45 Resp: 384714

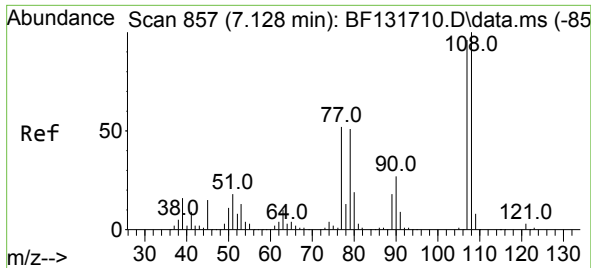
Ion Ratio Lower Upper

45 100

77 19.8 0.0 36.8

79 16.3 0.0 33.1

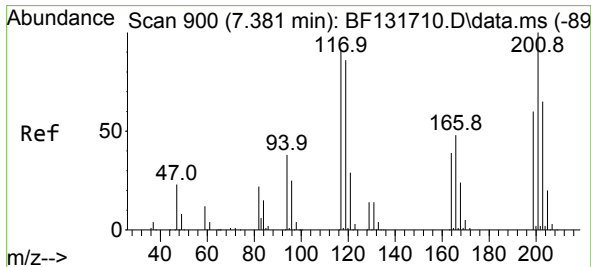
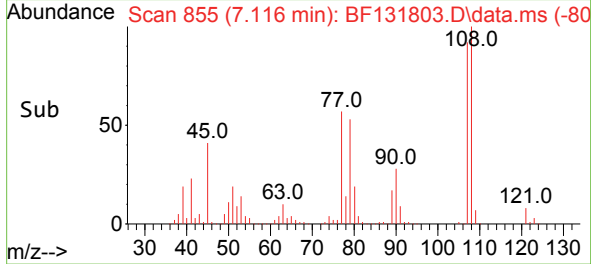
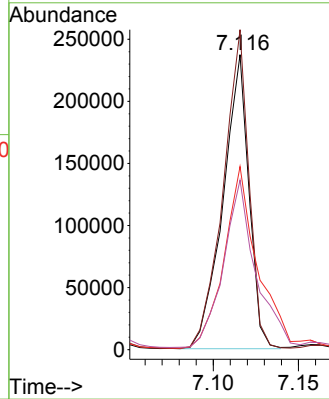
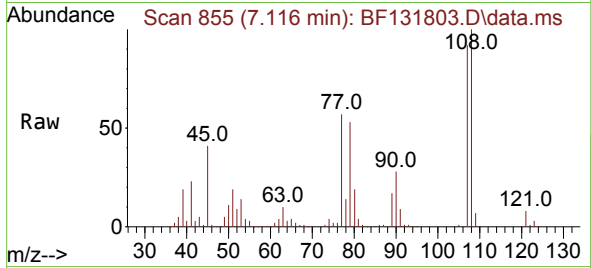




#17
2-Methylphenol
Concen: 43.971 ng
RT: 7.116 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

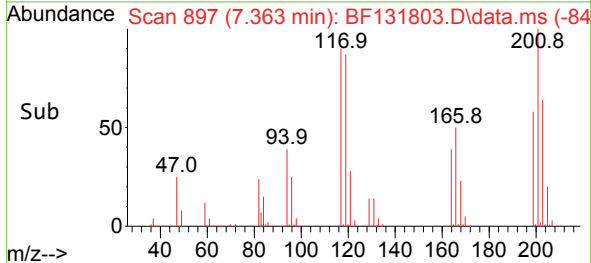
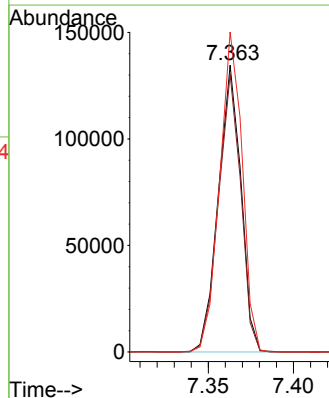
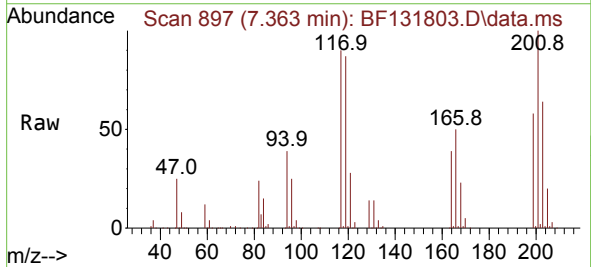
Instrument :
BNA_F
ClientSampleId :
PB149851BS

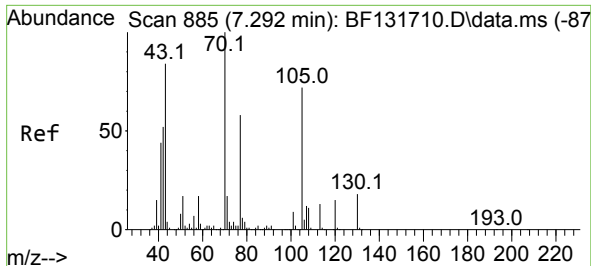
Tgt Ion:107 Resp: 249560
Ion Ratio Lower Upper
107 100
108 108.5 83.8 125.6
77 62.1 43.8 65.8
79 57.5 43.2 64.8



#18
Hexachloroethane
Concen: 45.188 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Tgt Ion:117 Resp: 124435
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.8
201 111.6 88.2 132.4

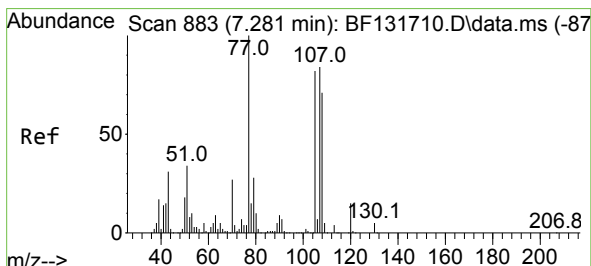
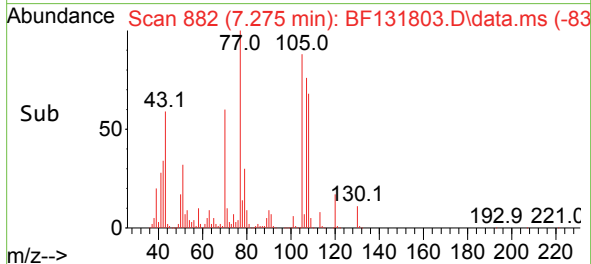
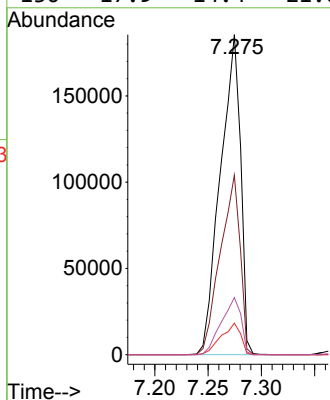
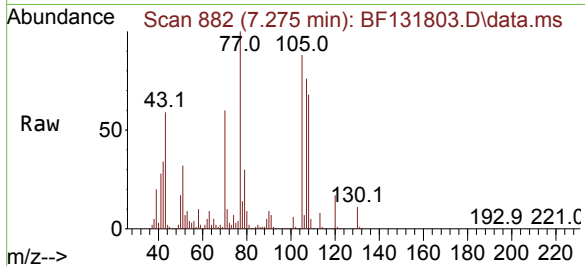




#19
n-Nitroso-di-n-propylamine
Concen: 44.871 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

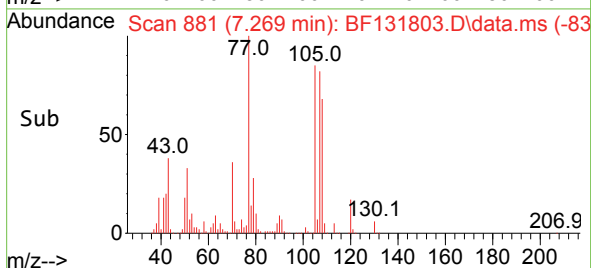
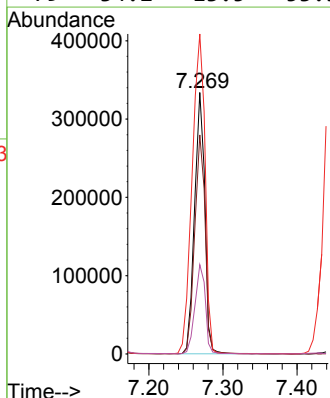
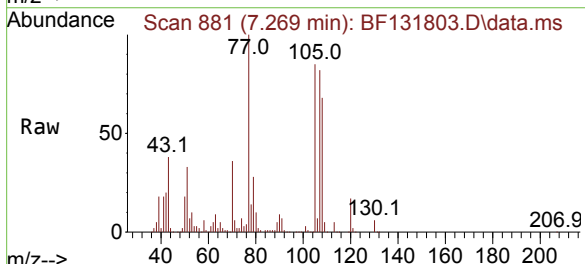
Instrument :
BNA_F
ClientSampleId :
PB149851BS

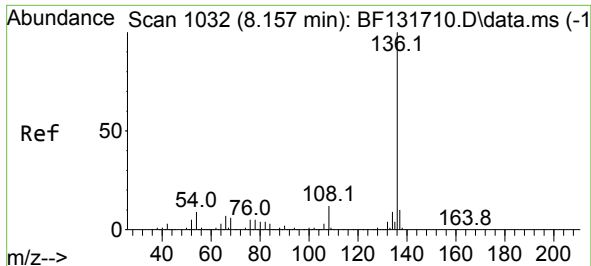
Tgt Ion: 70 Resp: 243811
Ion Ratio Lower Upper
70 100
42 56.1 41.5 62.3
101 9.8 7.3 10.9
130 17.9 14.4 21.6



#20
3+4-Methylphenols
Concen: 43.995 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Tgt Ion: 107 Resp: 321365
Ion Ratio Lower Upper
107 100
108 83.8 65.2 105.2
77 122.4 99.6 139.6
79 34.2 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

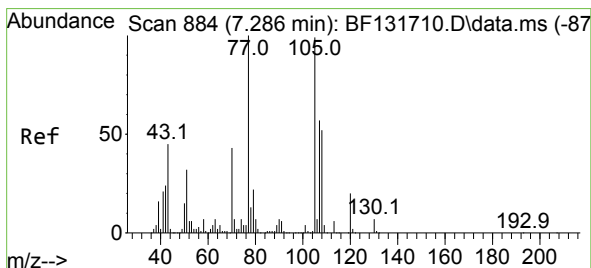
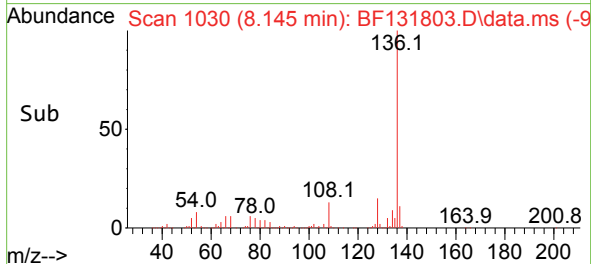
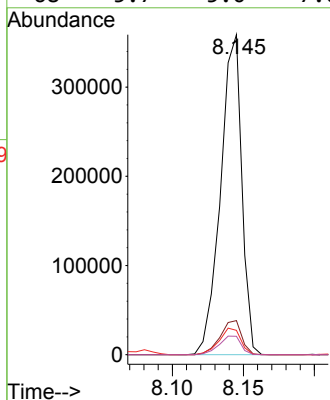
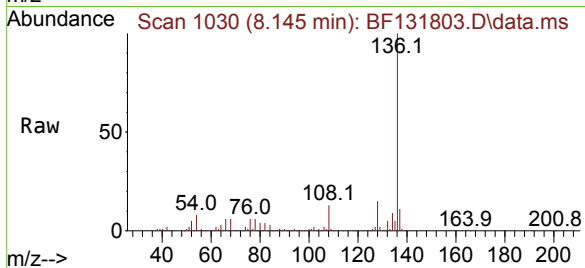
Instrument :

BNA_F

ClientSampleId :

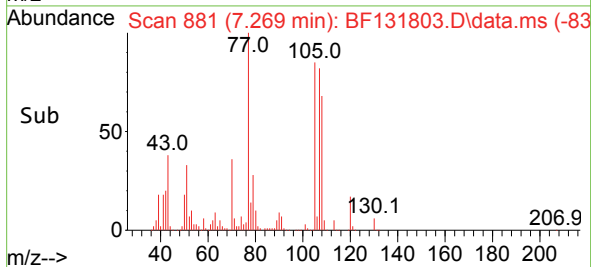
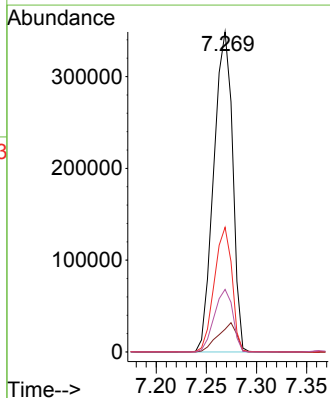
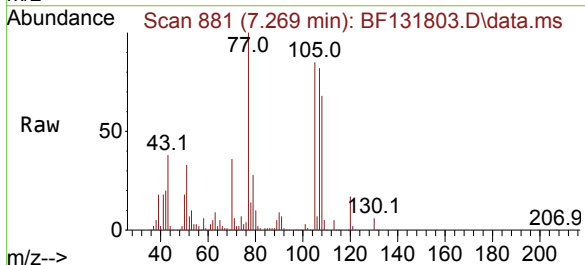
PB149851BS

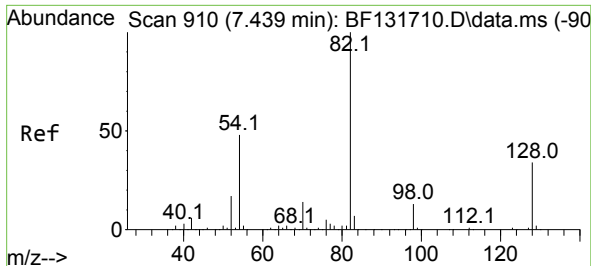
Tgt Ion:136 Resp: 372910
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.6 7.2 10.8
68 5.7 5.0 7.6



#22
Acetophenone
Concen: 41.907 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Tgt Ion:105 Resp: 456056
Ion Ratio Lower Upper
105 100
71 7.1 5.5 8.3
51 39.0 25.5 38.3#
120 19.6 15.9 23.9

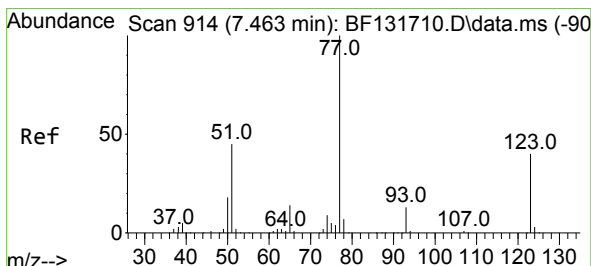
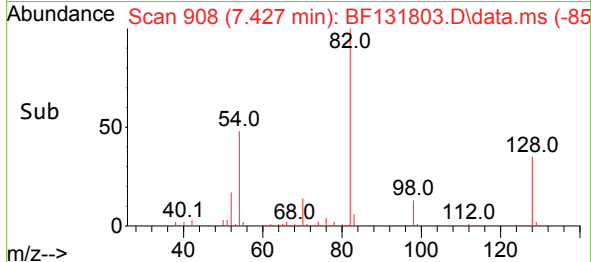
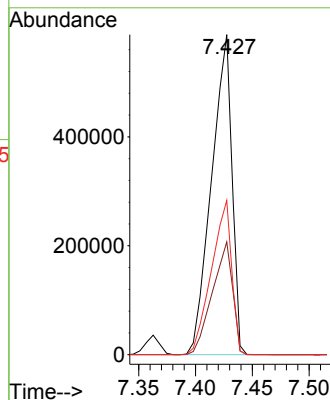
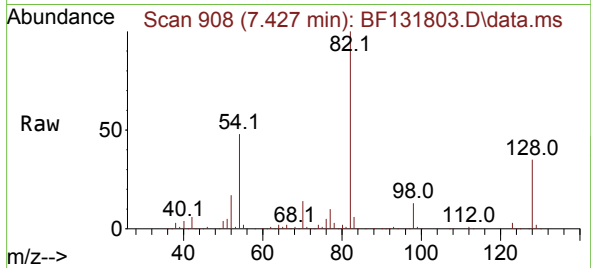




#23
Nitrobenzene-d5
Concen: 80.190 ng
RT: 7.427 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

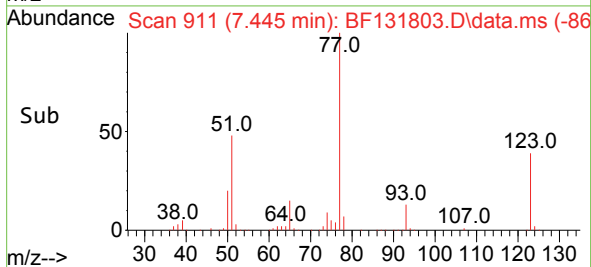
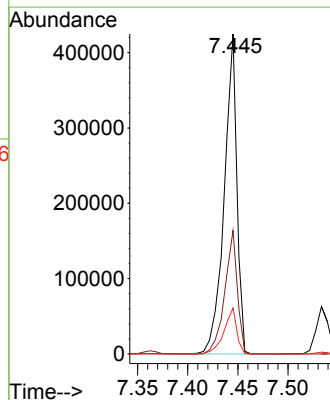
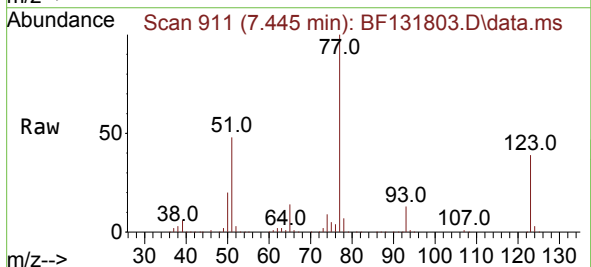
Instrument :
BNA_F
ClientSampleId :
PB149851BS

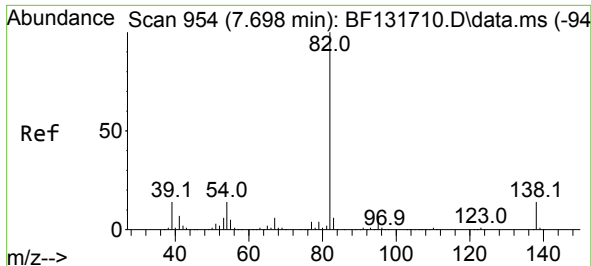
Tgt Ion: 82 Resp: 736616
Ion Ratio Lower Upper
82 100
128 35.2 27.3 40.9
54 48.2 38.2 57.2



#24
Nitrobenzene
Concen: 39.964 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Tgt Ion: 77 Resp: 373200
Ion Ratio Lower Upper
77 100
123 38.6 31.8 47.6
65 14.3 10.9 16.3

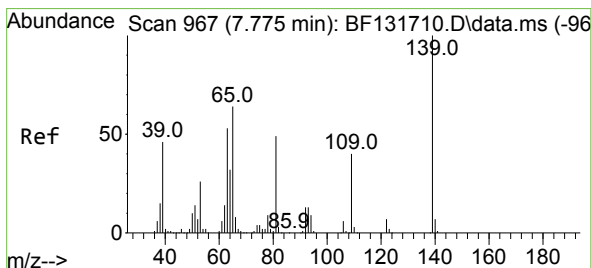
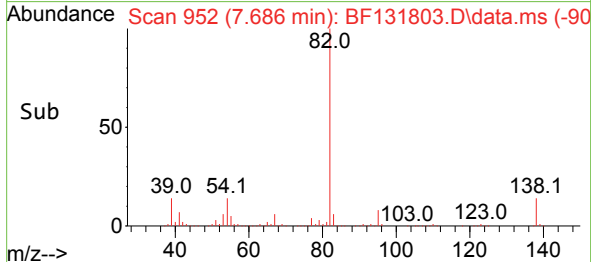
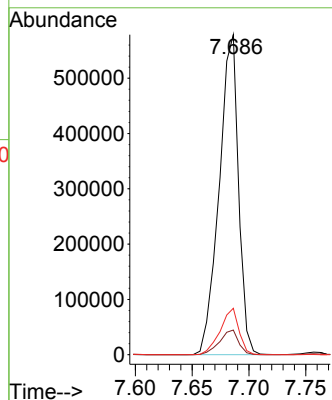
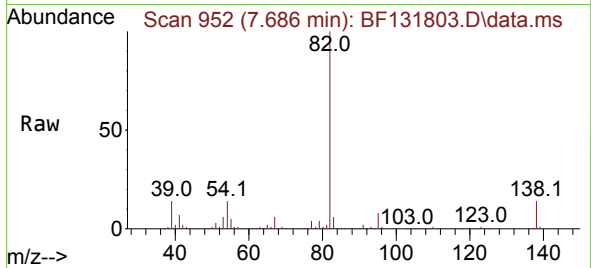




#25
Isophorone
Concen: 44.008 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

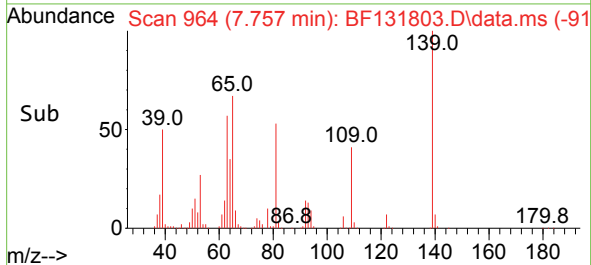
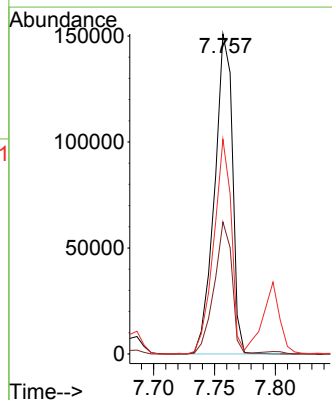
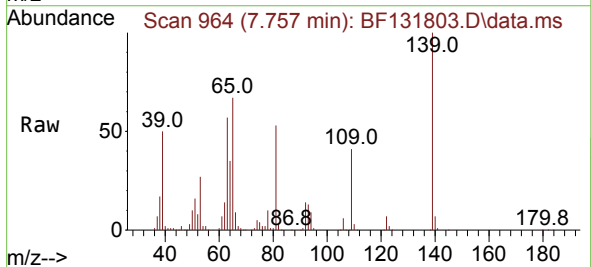
Instrument :
BNA_F
ClientSampleId :
PB149851BS

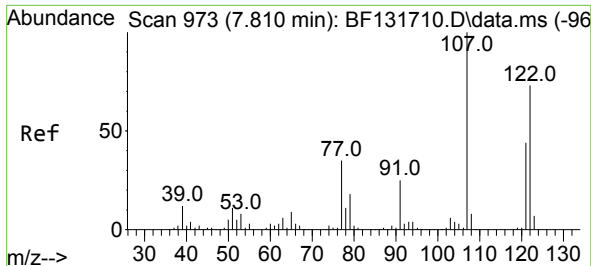
Tgt Ion: 82 Resp: 686523
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.6
138 14.5 11.6 17.4



#26
2-Nitrophenol
Concen: 42.223 ng
RT: 7.757 min Scan# 964
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Tgt Ion: 139 Resp: 154096
Ion Ratio Lower Upper
139 100
109 41.3 31.8 47.6
65 67.1 51.4 77.0





#27

2,4-Dimethylphenol

Concen: 49.774 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB149851BS

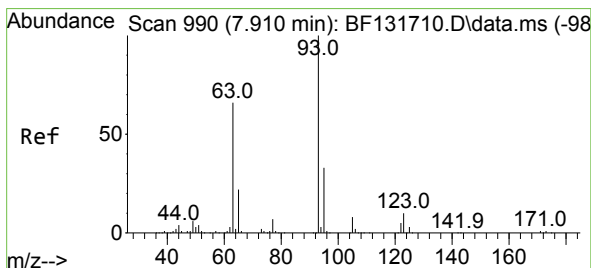
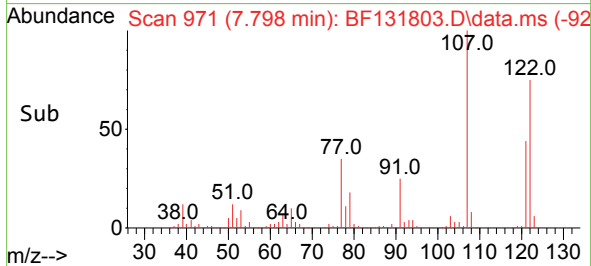
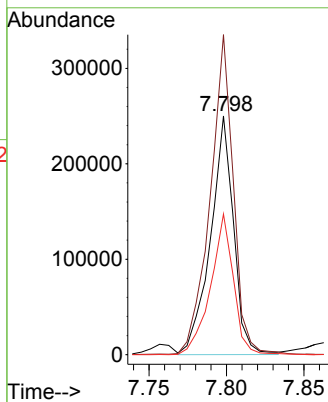
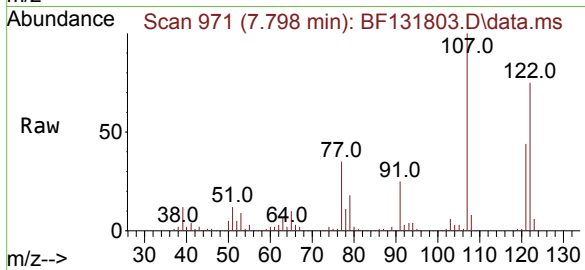
Tgt Ion:122 Resp: 258730

Ion Ratio Lower Upper

122 100

107 134.1 110.1 165.1

121 59.0 47.9 71.9



#28

bis(2-Chloroethoxy)methane

Concen: 47.017 ng

RT: 7.892 min Scan# 987

Delta R.T. -0.000 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

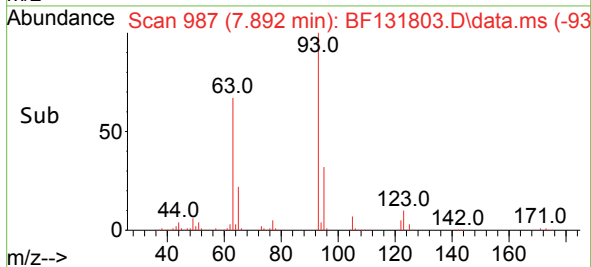
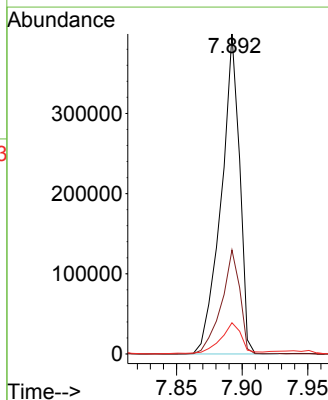
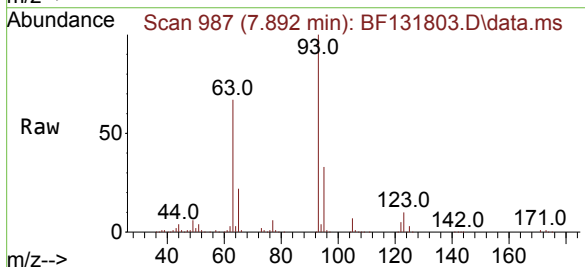
Tgt Ion: 93 Resp: 389493

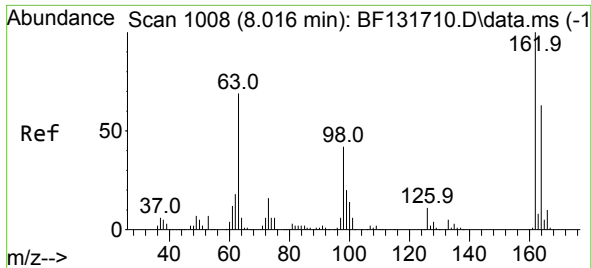
Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

123 9.8 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 41.831 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB149851BS

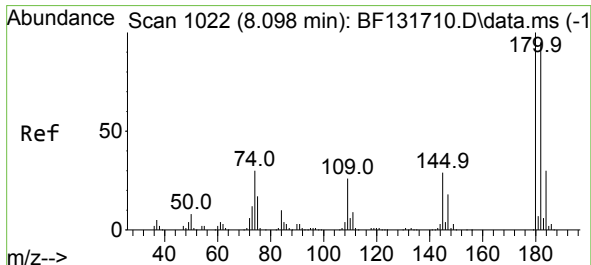
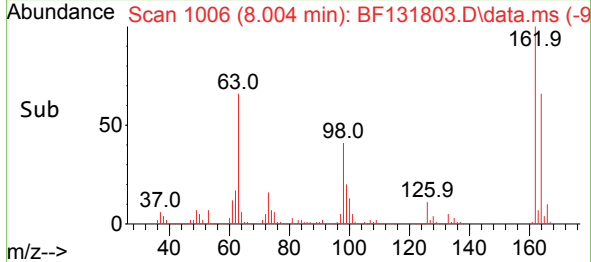
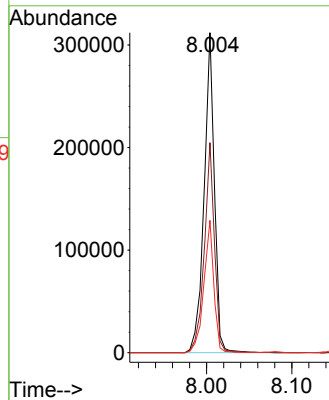
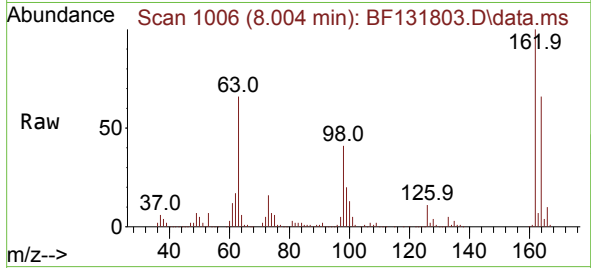
Tgt Ion:162 Resp: 262496

Ion Ratio Lower Upper

162 100

164 65.7 42.9 82.9

98 41.3 21.9 61.9



#30

1,2,4-Trichlorobenzene

Concen: 40.340 ng

RT: 8.080 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

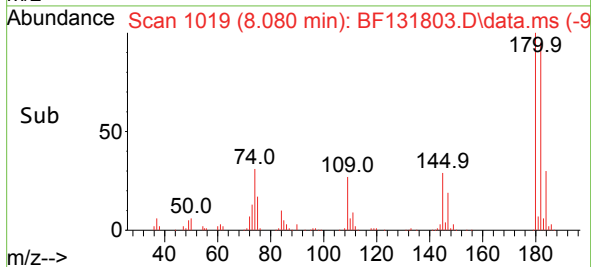
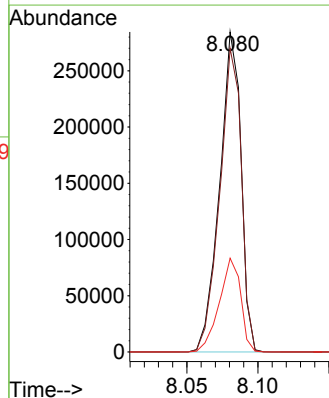
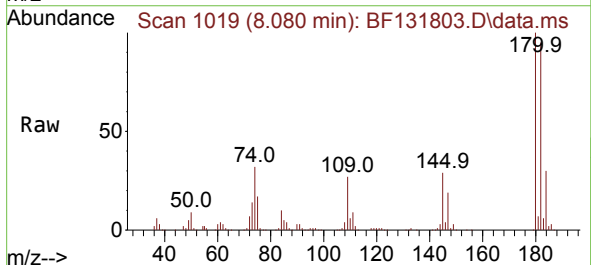
Tgt Ion:180 Resp: 297596

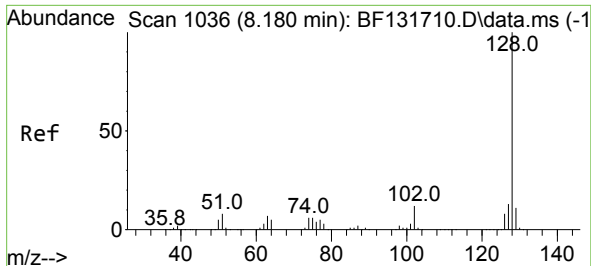
Ion Ratio Lower Upper

180 100

182 94.9 76.1 114.1

145 29.3 23.4 35.0

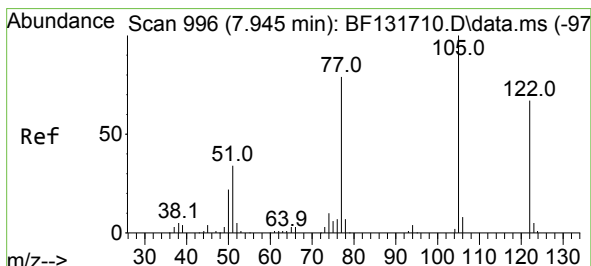
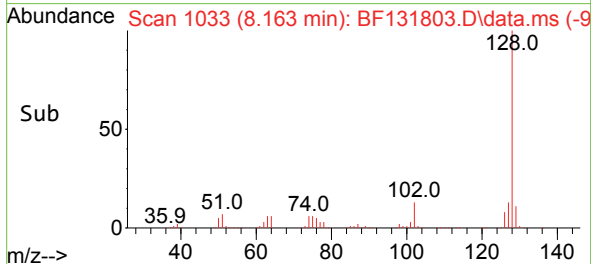
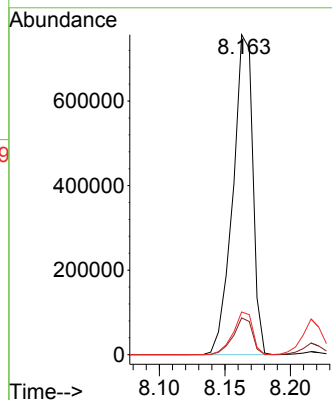
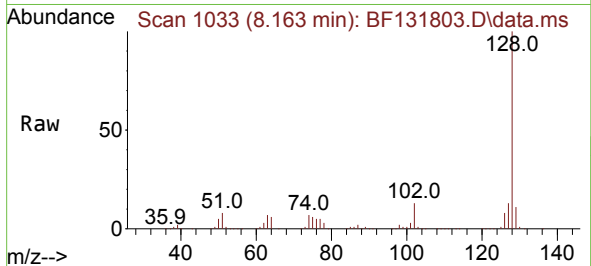




#31
Naphthalene
Concen: 39.382 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

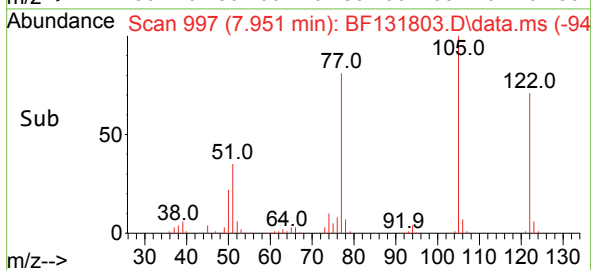
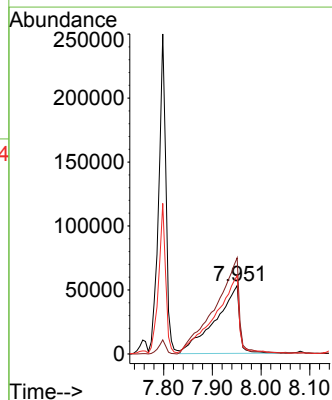
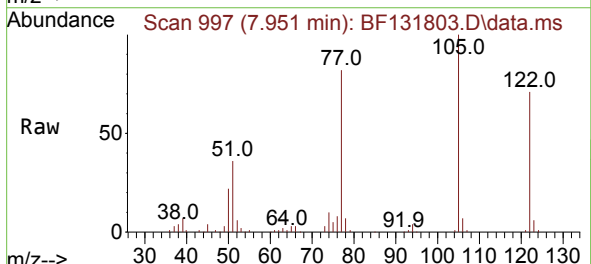
Instrument :
BNA_F
ClientSampleId :
PB149851BS

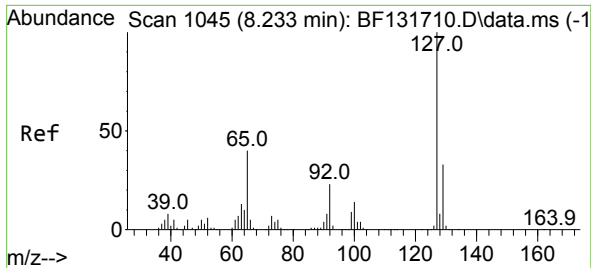
Tgt Ion:128 Resp: 802037
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 43.951 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.006 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Tgt Ion:122 Resp: 182876
Ion Ratio Lower Upper
122 100
105 140.9 125.1 165.1
77 114.9 95.3 135.3

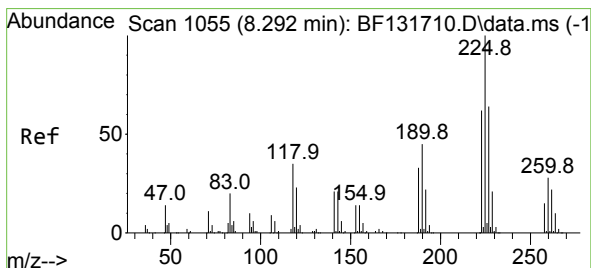
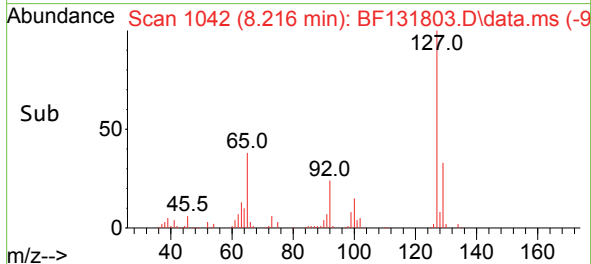
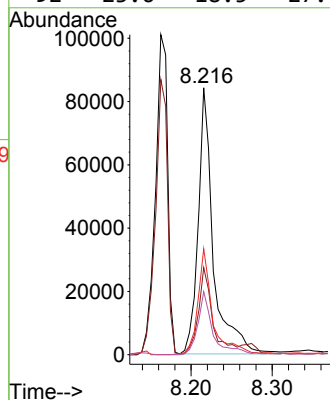
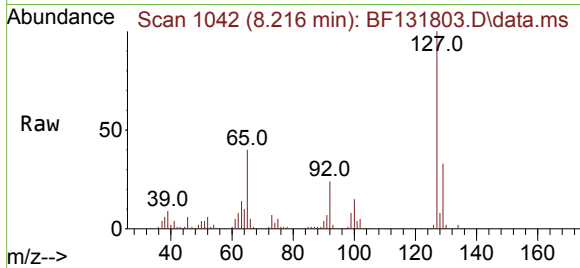




#33
4-Chloroaniline
Concen: 13.861 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

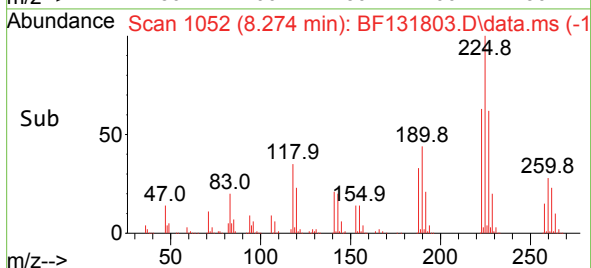
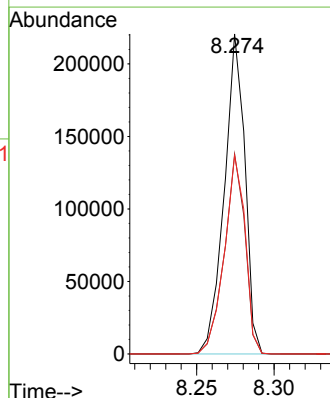
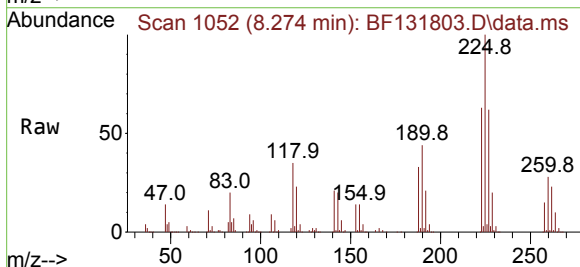
Instrument :
BNA_F
ClientSampleId :
PB149851BS

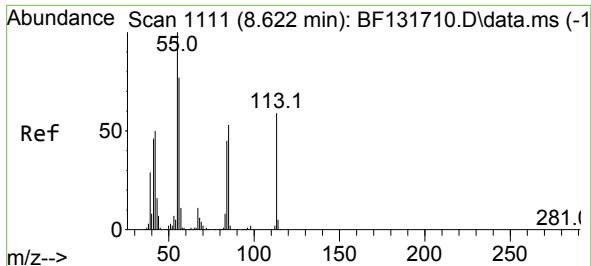
Tgt Ion:127	Resp: 110089
Ion Ratio	Lower Upper
127 100	
129 32.6	26.1 39.1
65 39.7	31.8 47.6
92 23.6	18.5 27.7



#34
Hexachlorobutadiene
Concen: 41.029 ng
RT: 8.274 min Scan# 1052
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

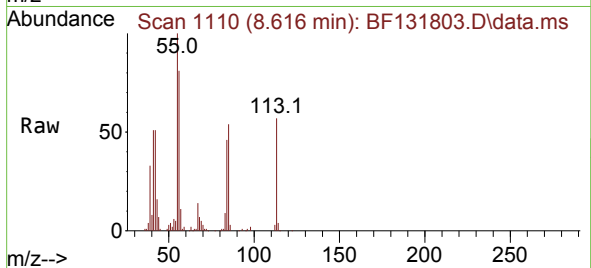
Tgt Ion:225	Resp: 203643
Ion Ratio	Lower Upper
225 100	
223 62.5	49.5 74.3
227 62.0	51.0 76.4



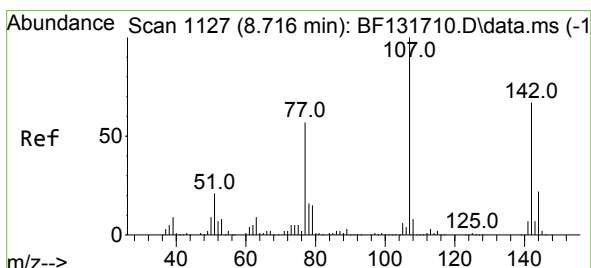
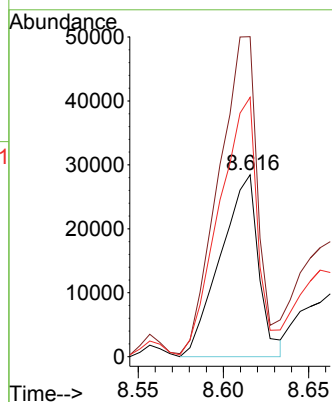
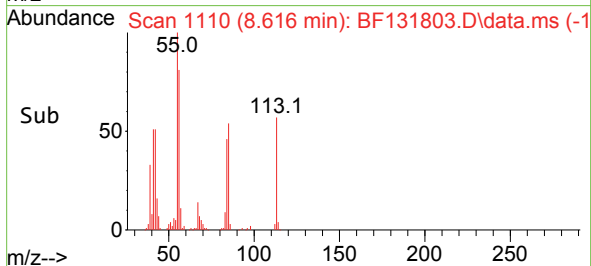


#35
Caprolactam
Concen: 23.431 ng
RT: 8.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Instrument :
BNA_F
ClientSampleId :
PB149851BS

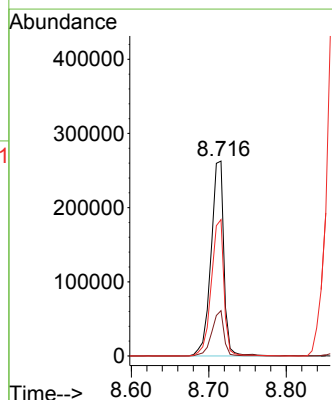
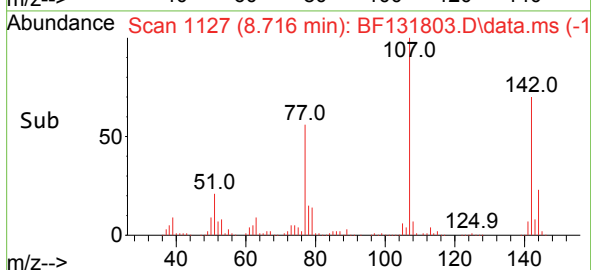
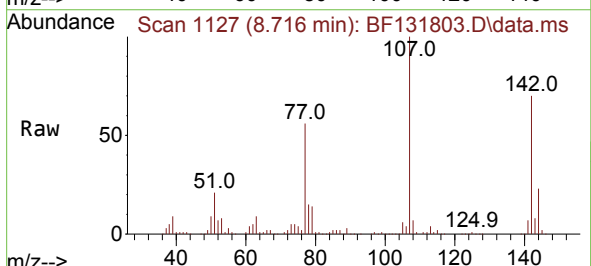


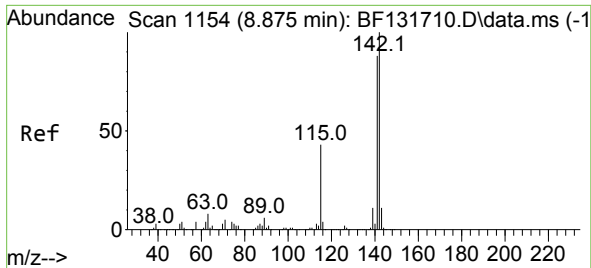
Tgt Ion:113 Resp: 44336
Ion Ratio Lower Upper
113 100
55 175.9 149.0 189.0
56 142.5 109.5 149.5



#36
4-Chloro-3-methylphenol
Concen: 42.373 ng
RT: 8.716 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Tgt Ion:107 Resp: 303750
Ion Ratio Lower Upper
107 100
144 23.2 17.5 26.3
142 69.9 53.4 80.0

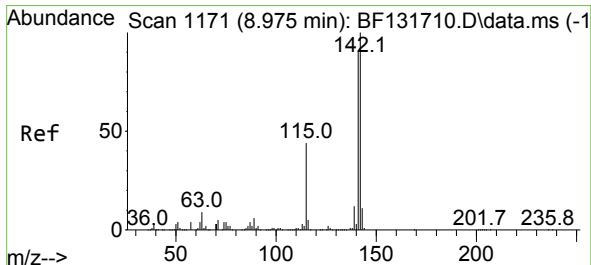
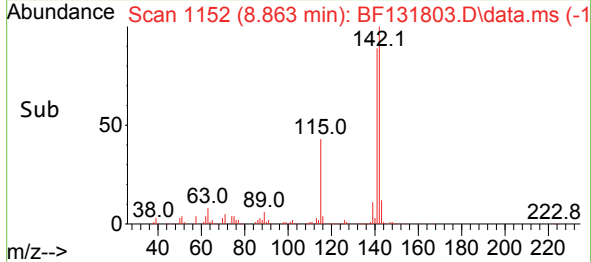
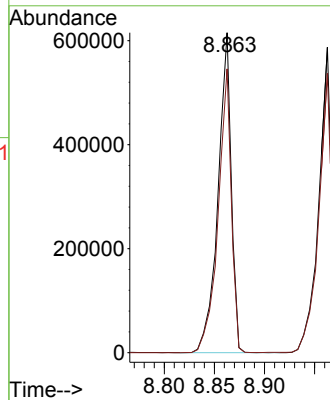
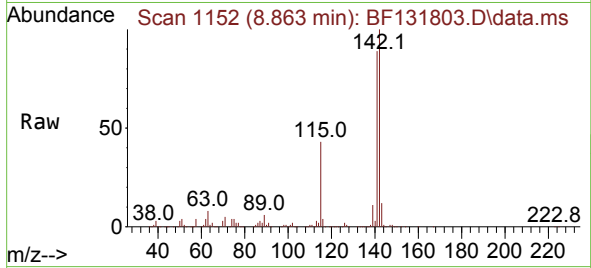




#37
2-Methylnaphthalene
Concen: 40.714 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

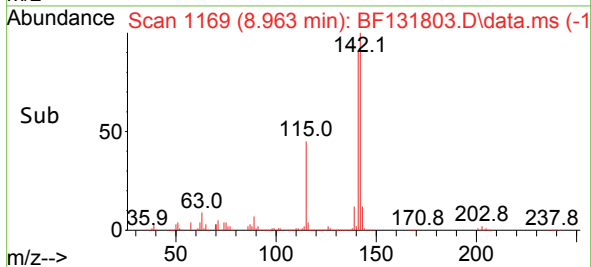
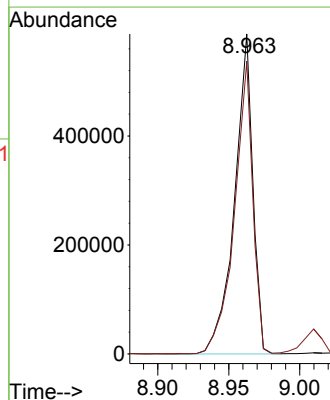
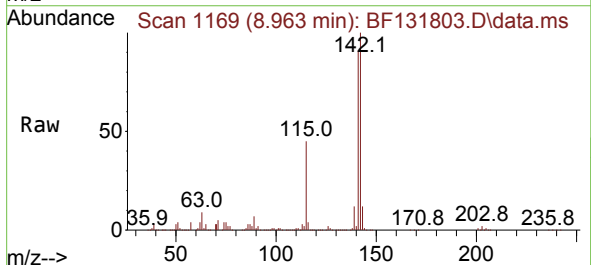
Instrument :
BNA_F
ClientSampleId :
PB149851BS

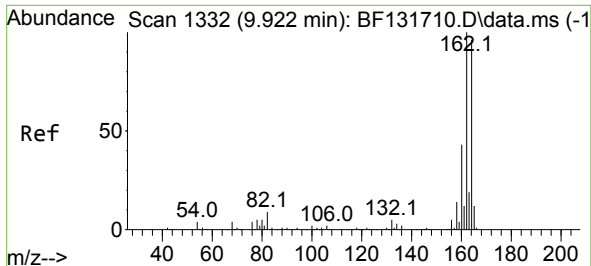
Tgt Ion:142 Resp: 565605
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6



#38
1-Methylnaphthalene
Concen: 39.219 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Tgt Ion:142 Resp: 527682
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.6

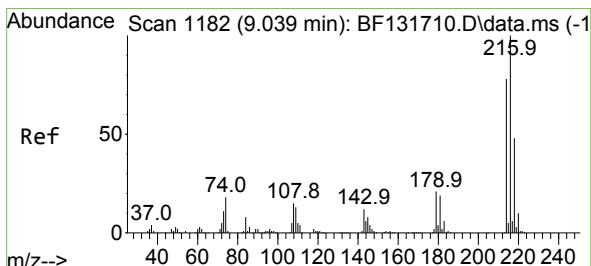
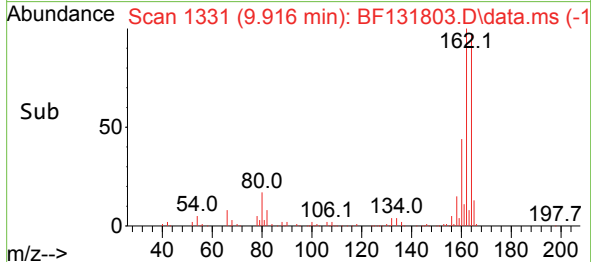
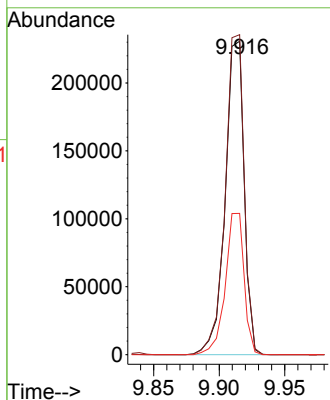
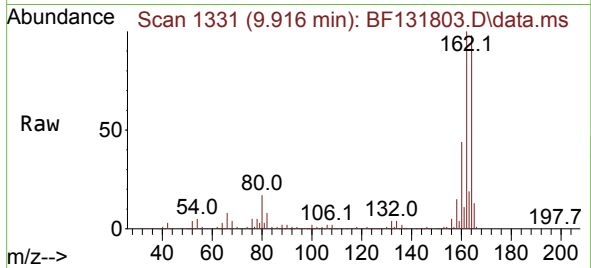




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

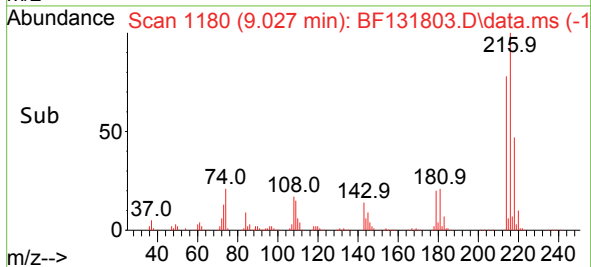
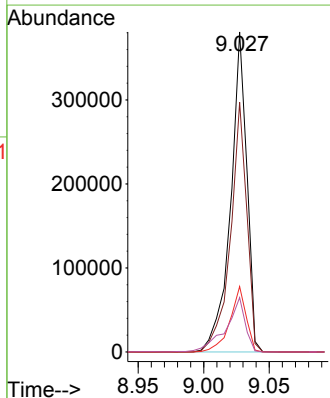
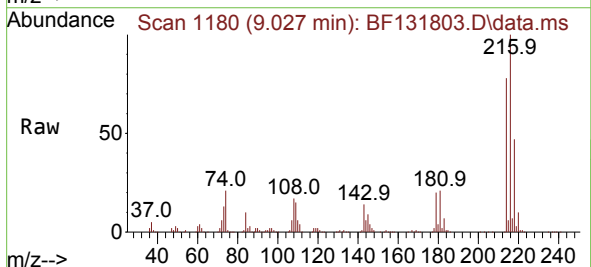
Instrument :
BNA_F
ClientSampleId :
PB149851BS

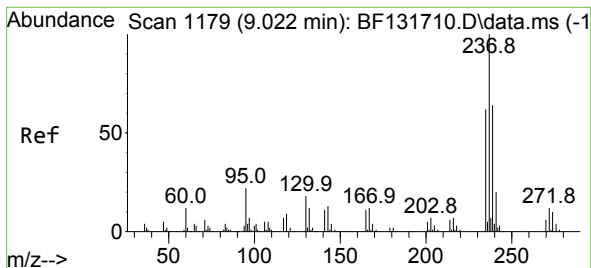
Tgt Ion:164 Resp: 231872
Ion Ratio Lower Upper
164 100
162 102.1 83.7 125.5
160 45.1 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.392 ng
RT: 9.027 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Tgt Ion:216 Resp: 328361
Ion Ratio Lower Upper
216 100
214 78.1 62.9 94.3
179 20.5 16.3 24.5
108 20.4 14.2 21.4





#41

Hexachlorocyclopentadiene

Concen: 104.967 ng

RT: 9.010 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB149851BS

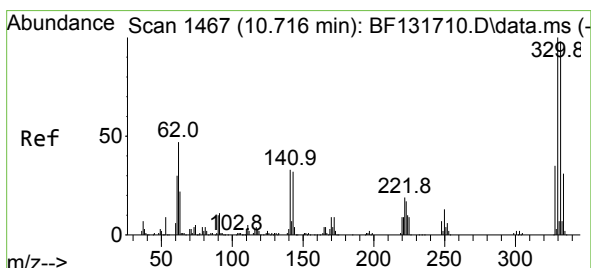
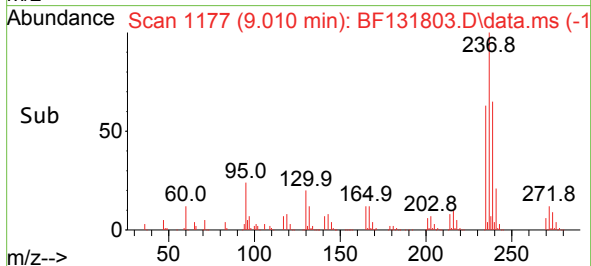
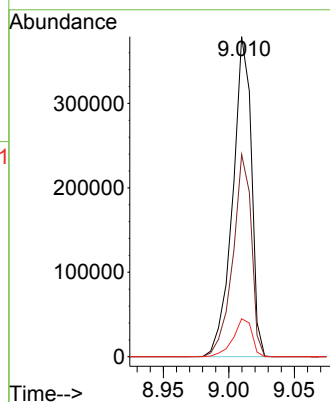
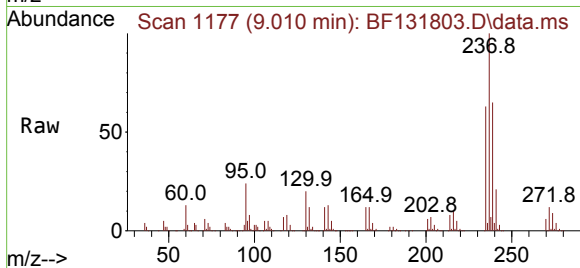
Tgt Ion:237 Resp: 377261

Ion Ratio Lower Upper

237 100

235 63.2 42.2 82.2

272 11.8 0.0 31.7



#42

2,4,6-Tribromophenol

Concen: 131.784 ng

RT: 10.715 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

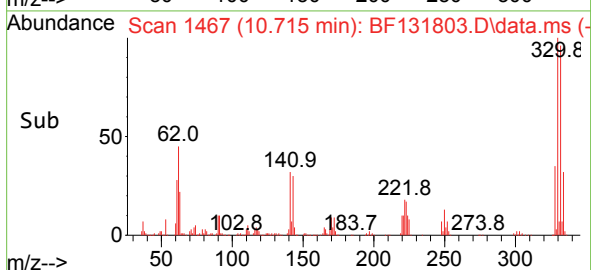
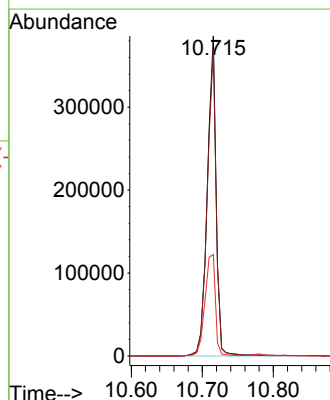
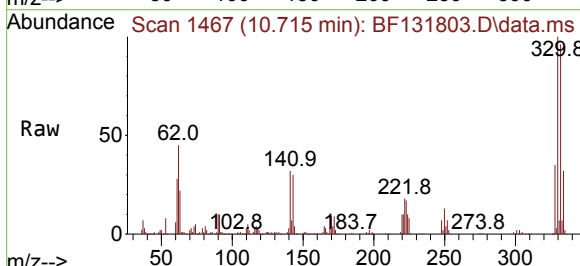
Tgt Ion:330 Resp: 334459

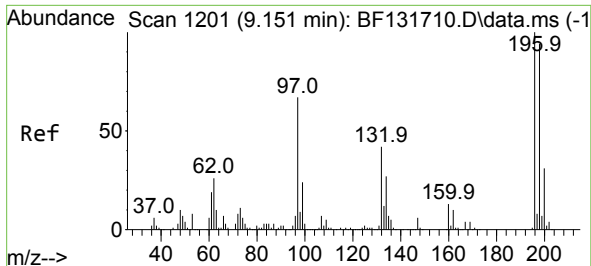
Ion Ratio Lower Upper

330 100

332 97.7 77.1 115.7

141 37.6 30.4 45.6





#43

2,4,6-Trichlorophenol

Concen: 40.447 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB149851BS

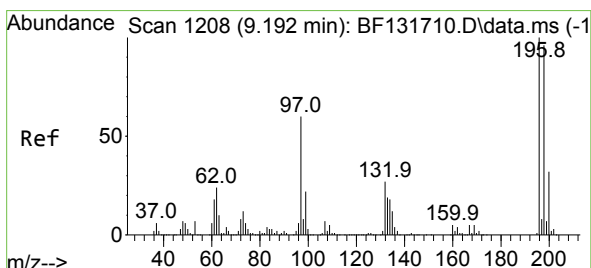
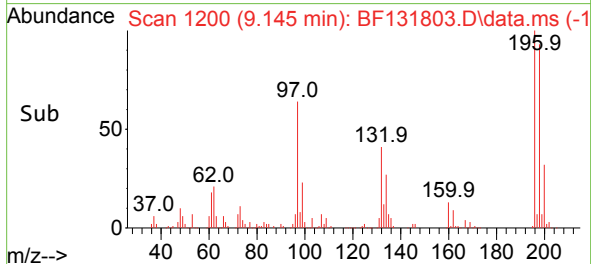
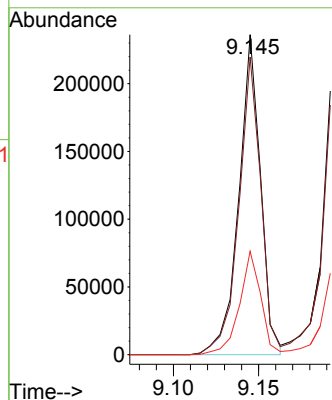
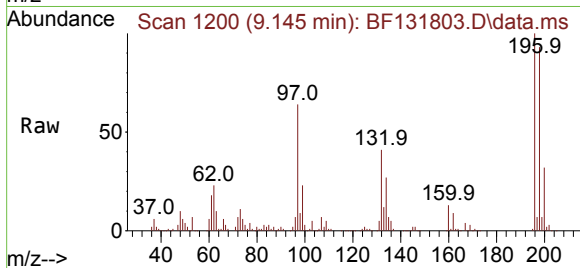
Tgt Ion:196 Resp: 209602

Ion Ratio Lower Upper

196 100

198 93.0 75.5 113.3

200 32.3 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 39.067 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.012 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Tgt Ion:196 Resp: 219166

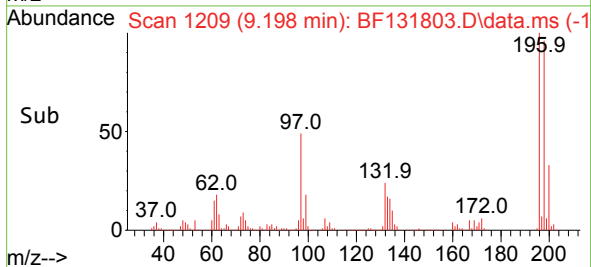
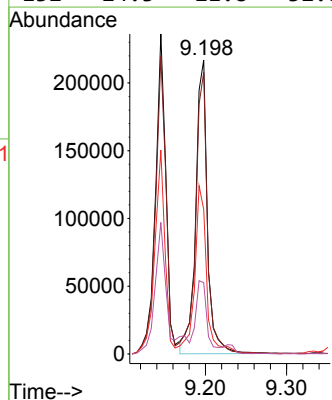
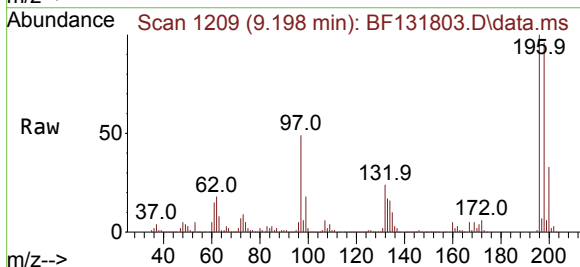
Ion Ratio Lower Upper

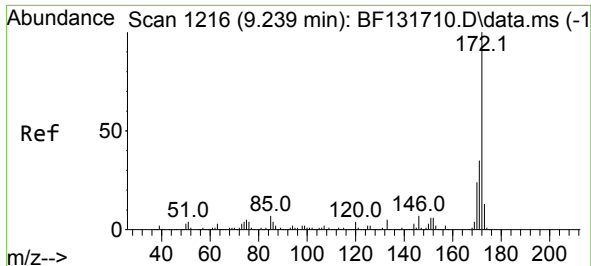
196 100

198 95.8 76.6 114.8

97 49.2 47.7 71.5

132 24.3 21.8 32.8

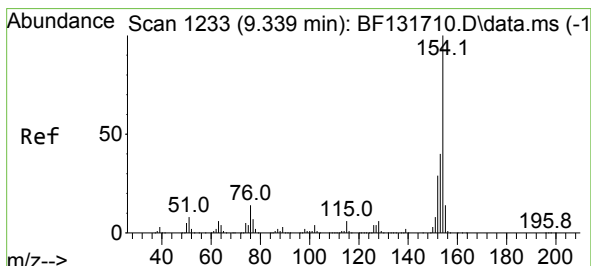
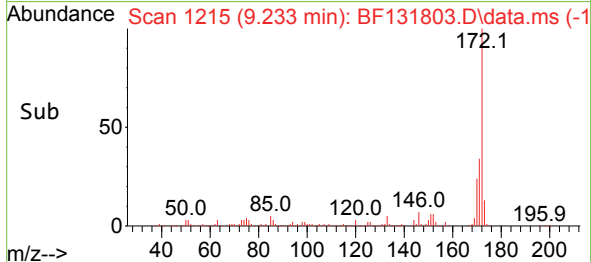
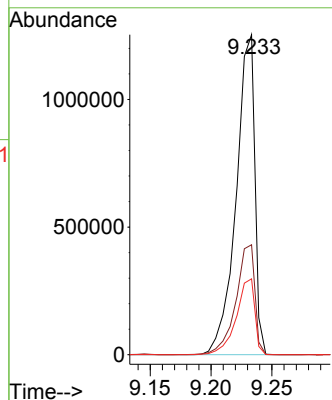
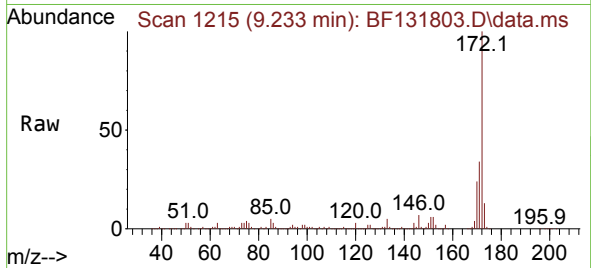




#45
2-Fluorobiphenyl
Concen: 80.743 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.006 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

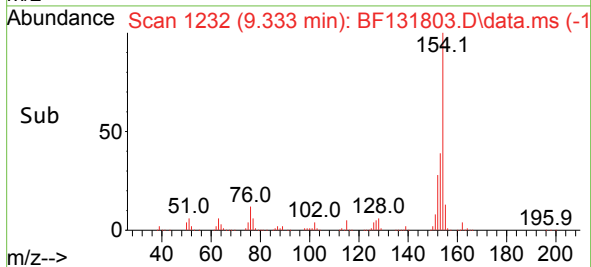
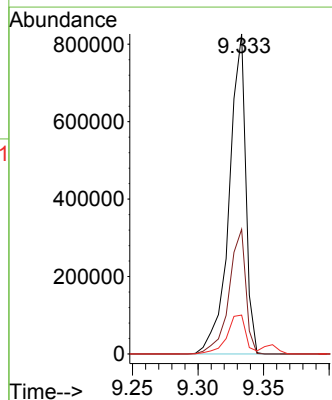
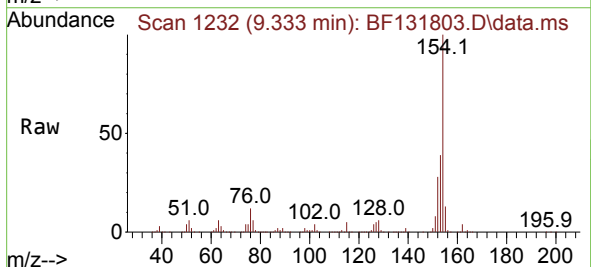
Instrument :
BNA_F
ClientSampleId :
PB149851BS

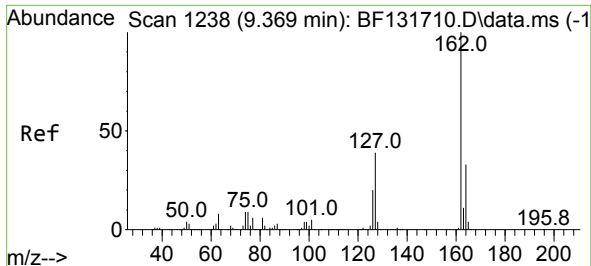
Tgt Ion:172 Resp: 1336507
Ion Ratio Lower Upper
172 100
171 34.4 27.9 41.9
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 41.755 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Tgt Ion:154 Resp: 728262
Ion Ratio Lower Upper
154 100
153 39.0 20.1 60.1
76 12.2 0.0 33.6





#47

2-Chloronaphthalene

Concen: 40.320 ng

RT: 9.357 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB149851BS

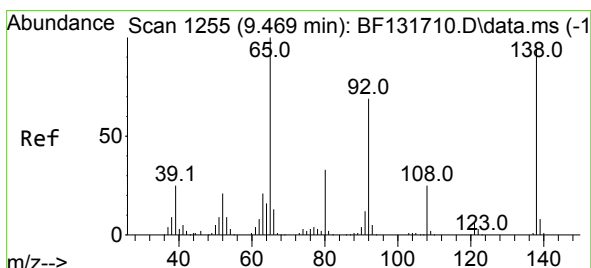
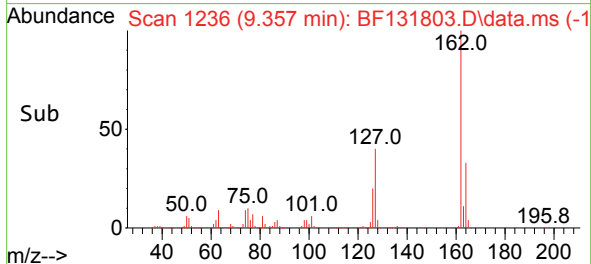
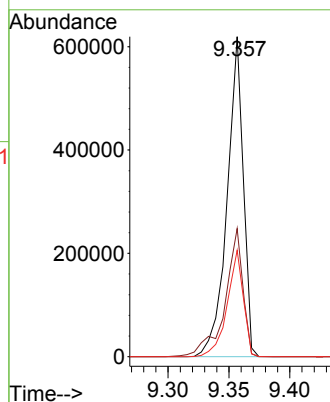
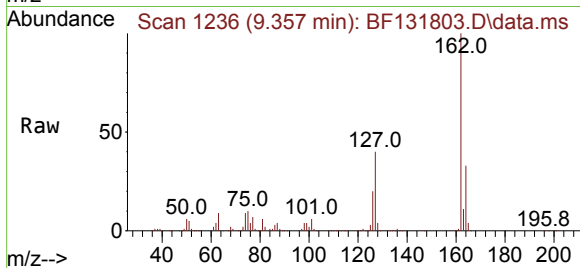
Tgt Ion:162 Resp: 575839

Ion Ratio Lower Upper

162 100

127 40.1 31.4 47.2

164 33.3 26.6 39.8



#48

2-Nitroaniline

Concen: 39.499 ng

RT: 9.463 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

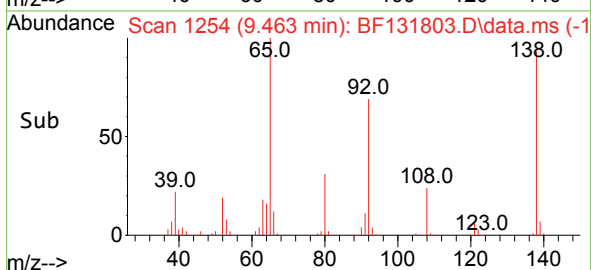
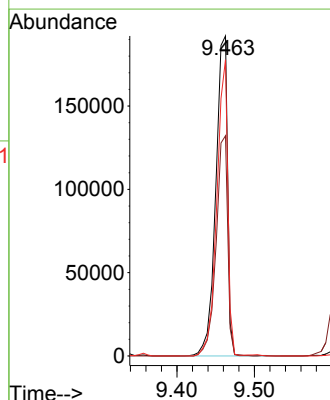
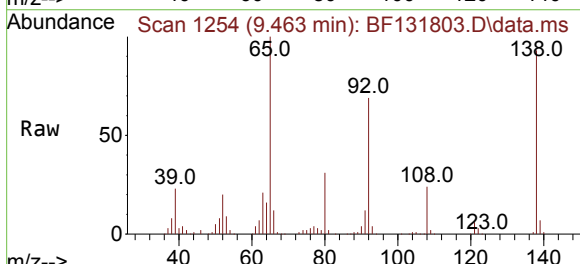
Tgt Ion: 65 Resp: 203324

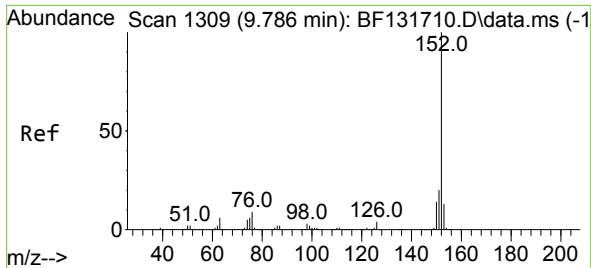
Ion Ratio Lower Upper

65 100

92 68.8 55.5 83.3

138 92.5 74.8 112.2





#49

Acenaphthylene

Concen: 39.805 ng

RT: 9.774 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB149851BS

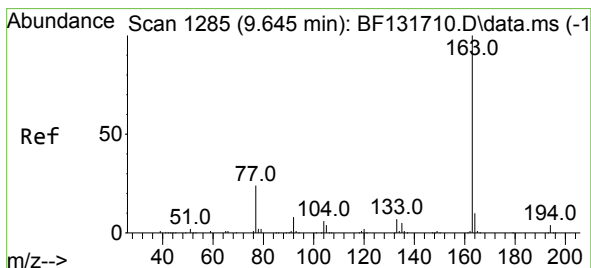
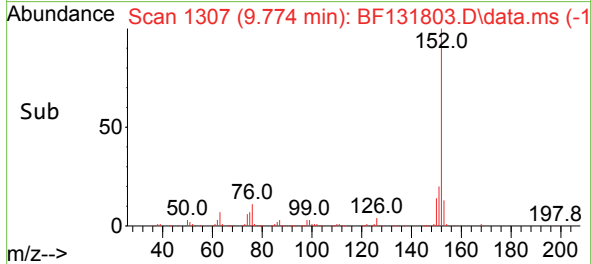
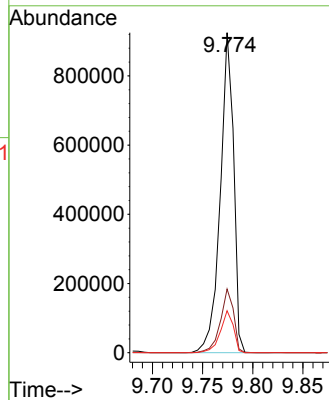
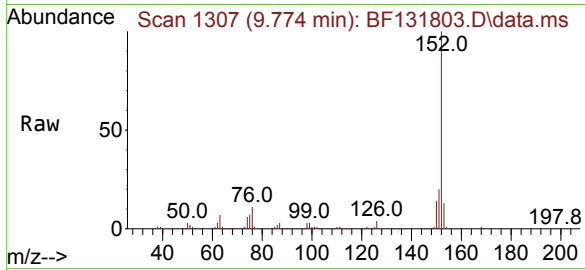
Tgt Ion:152 Resp: 852665

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 41.926 ng

RT: 9.639 min Scan# 1284

Delta R.T. -0.000 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

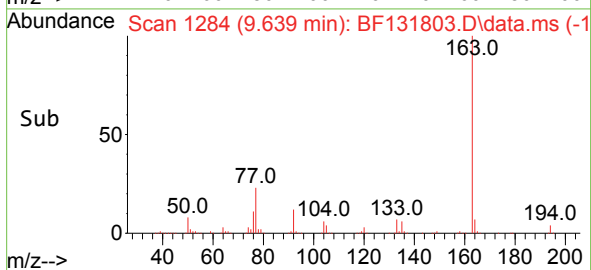
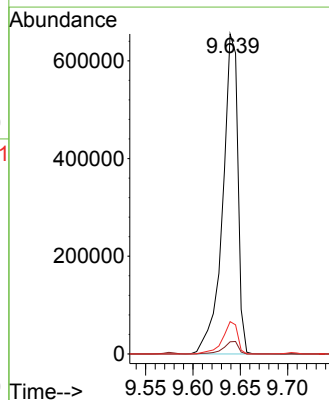
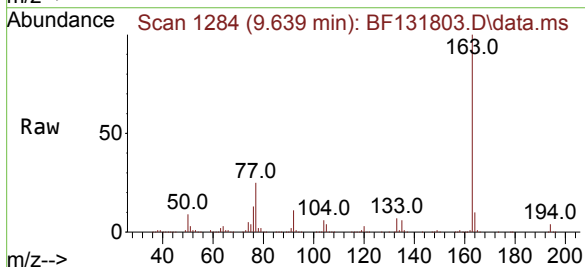
Tgt Ion:163 Resp: 731487

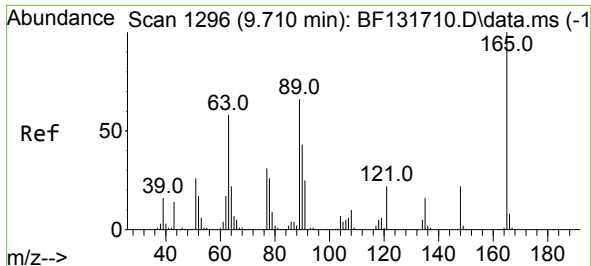
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.1 8.2 12.4

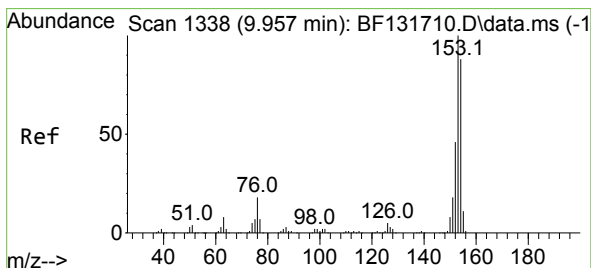
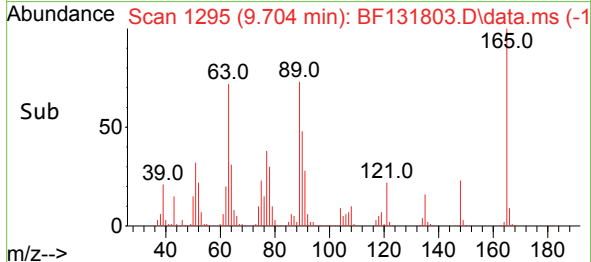
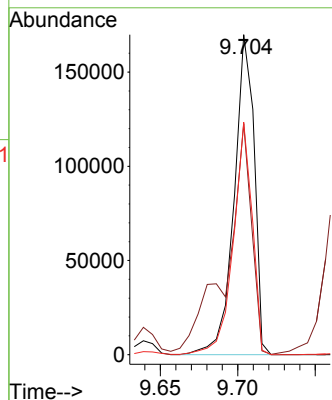
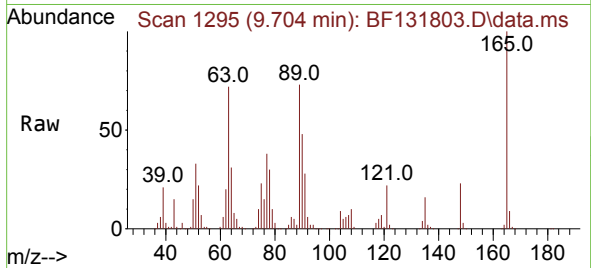




#51
2,6-Dinitrotoluene
Concen: 40.737 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

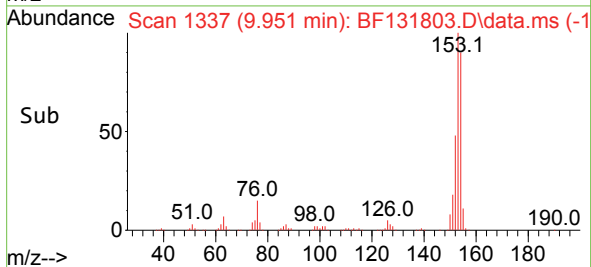
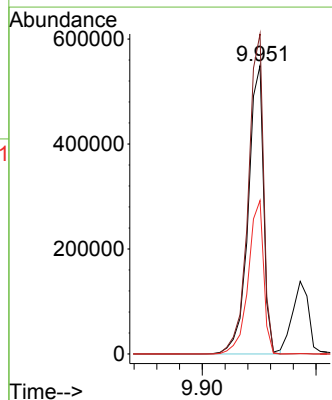
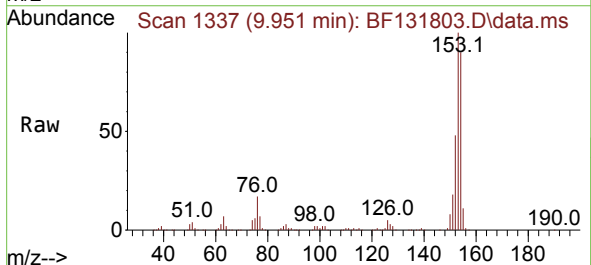
Instrument :
BNA_F
ClientSampleId :
PB149851BS

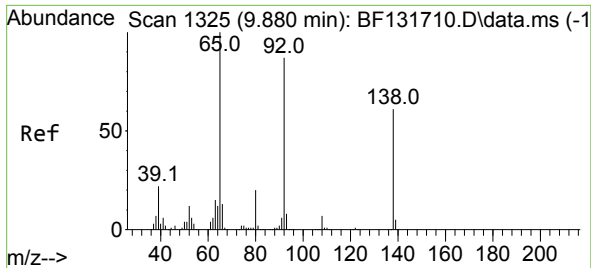
Tgt Ion:165 Resp: 152827
Ion Ratio Lower Upper
165 100
63 72.2 51.8 77.8
89 72.7 53.2 79.8



#52
Acenaphthene
Concen: 39.659 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Tgt Ion:154 Resp: 520418
Ion Ratio Lower Upper
154 100
153 111.0 90.4 135.6
152 53.2 42.0 63.0

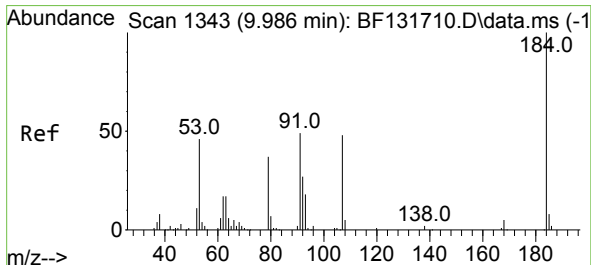
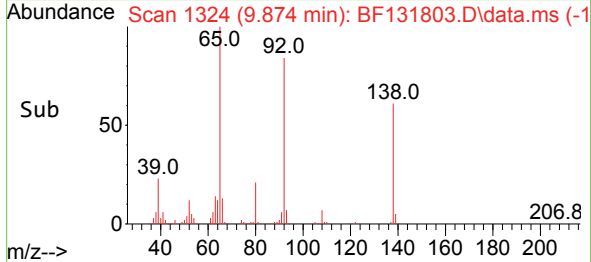
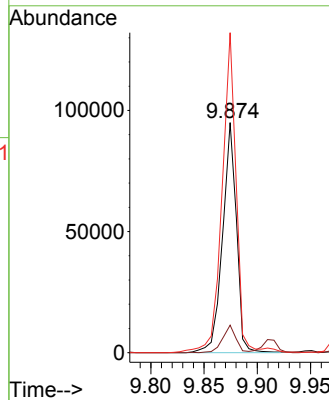
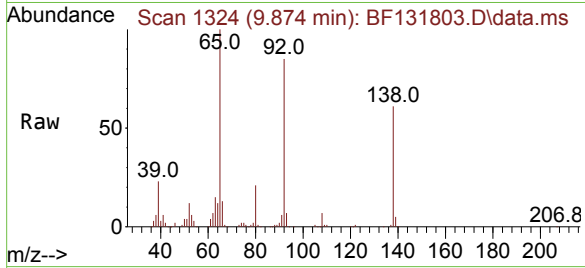




#53
3-Nitroaniline
Concen: 22.367 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

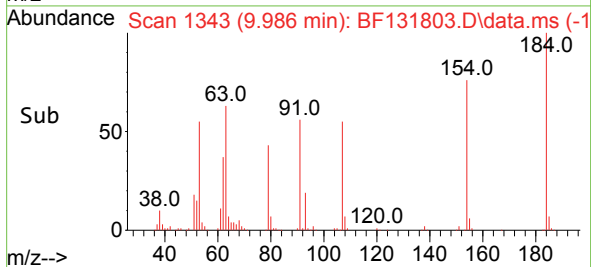
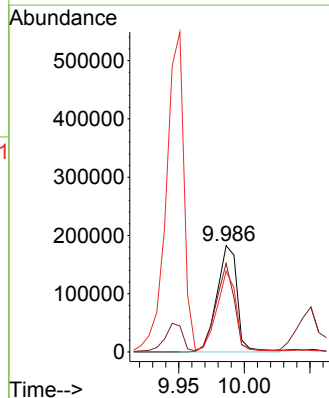
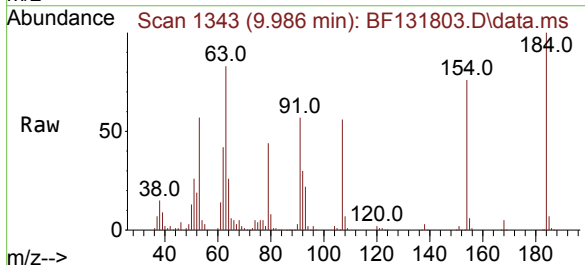
Instrument :
BNA_F
ClientSampleId :
PB149851BS

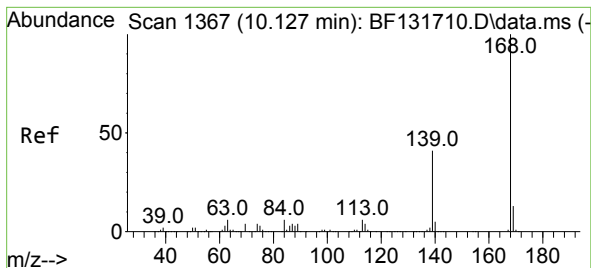
Tgt Ion:138 Resp: 85858
Ion Ratio Lower Upper
138 100
108 12.0 9.2 13.8
92 139.1 114.6 171.8



#54
2,4-Dinitrophenol
Concen: 87.392 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Tgt Ion:184 Resp: 196447
Ion Ratio Lower Upper
184 100
63 83.2 55.8 83.8
154 75.8 57.1 85.7





#55

Dibenzenofuran

Concen: 40.003 ng

RT: 10.121 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB149851BS

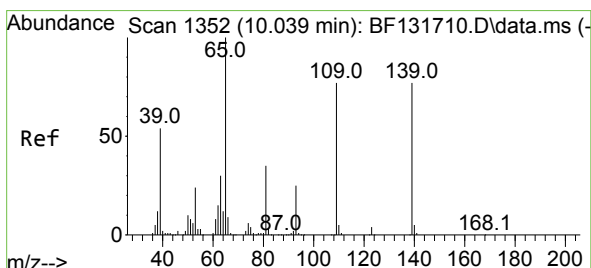
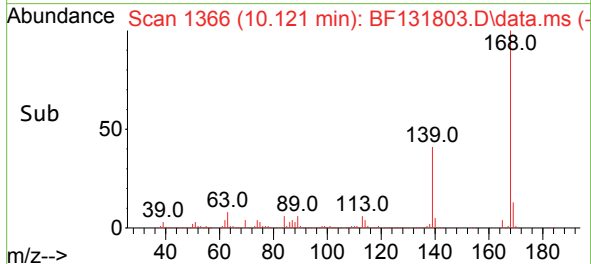
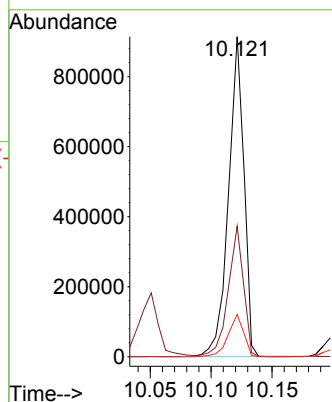
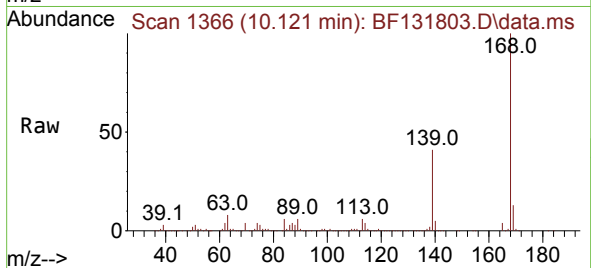
Tgt Ion:168 Resp: 804947

Ion Ratio Lower Upper

168 100

139 40.8 32.7 49.1

169 13.2 10.6 16.0



#56

4-Nitrophenol

Concen: 72.674 ng

RT: 10.051 min Scan# 1354

Delta R.T. 0.012 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

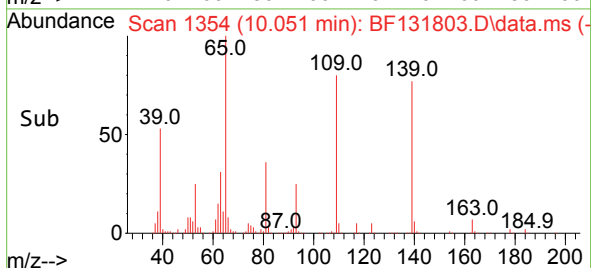
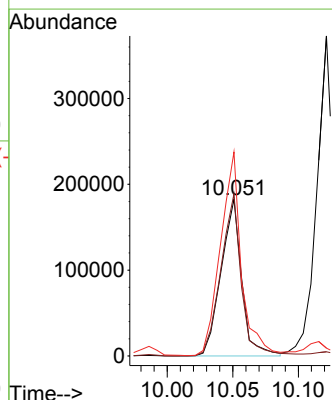
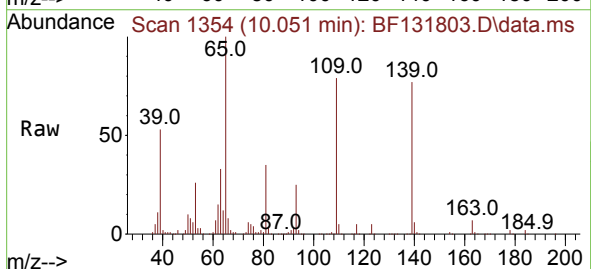
Tgt Ion:139 Resp: 199667

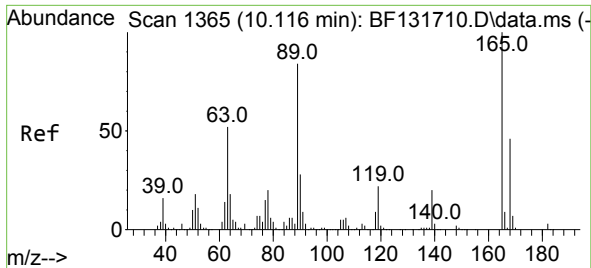
Ion Ratio Lower Upper

139 100

109 103.5 79.9 119.9

65 130.2 110.2 150.2

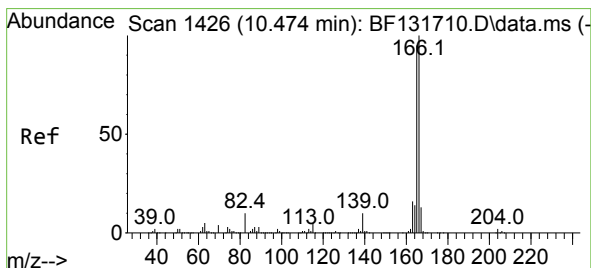
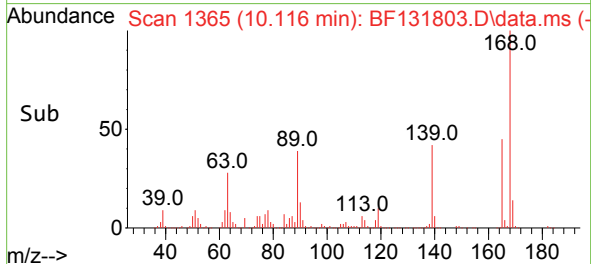
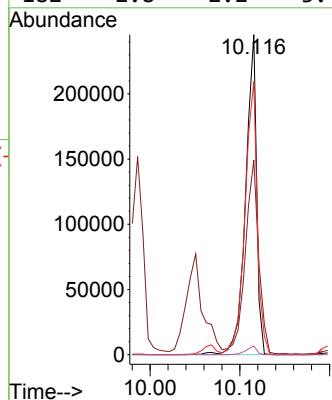
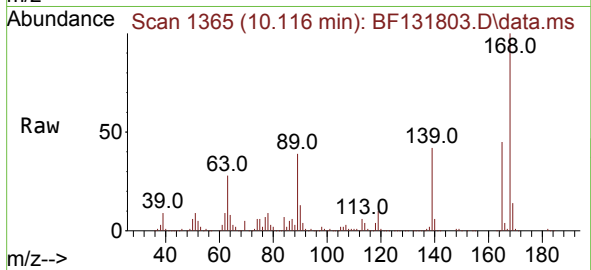




#57
2,4-Dinitrotoluene
Concen: 41.444 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

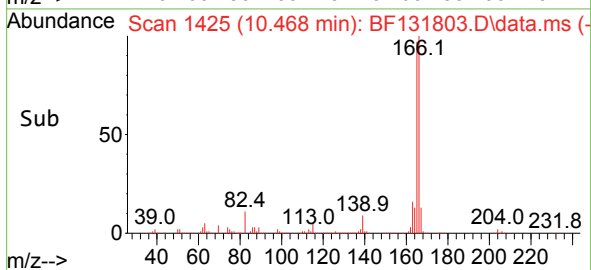
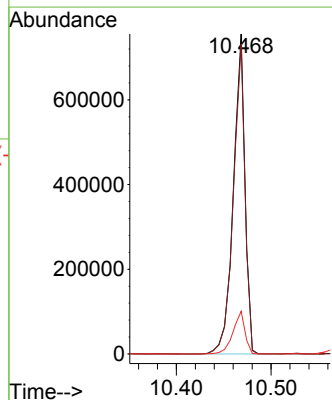
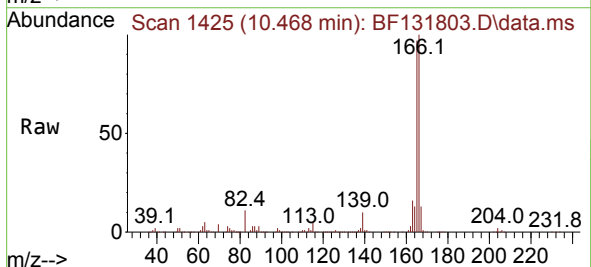
Instrument :
BNA_F
ClientSampleId :
PB149851BS

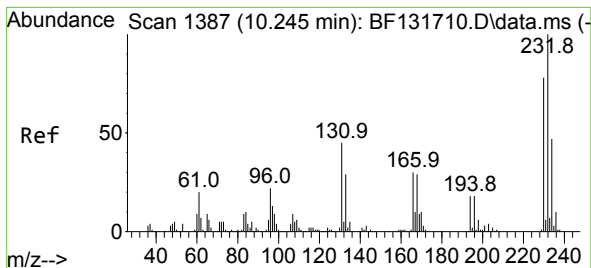
Tgt Ion:165 Resp: 208927
Ion Ratio Lower Upper
165 100
63 60.9 41.5 62.3
89 85.4 67.0 100.4
182 2.8 2.2 3.4



#58
Fluorene
Concen: 39.689 ng
RT: 10.468 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Tgt Ion:166 Resp: 645699
Ion Ratio Lower Upper
166 100
165 96.8 75.8 113.8
167 13.4 10.6 15.8

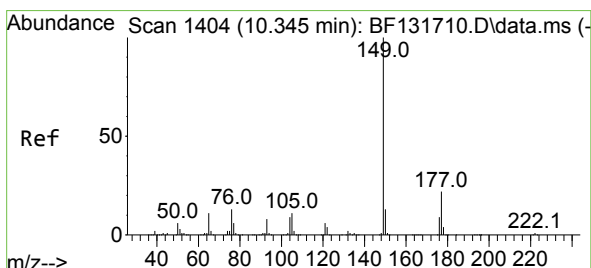
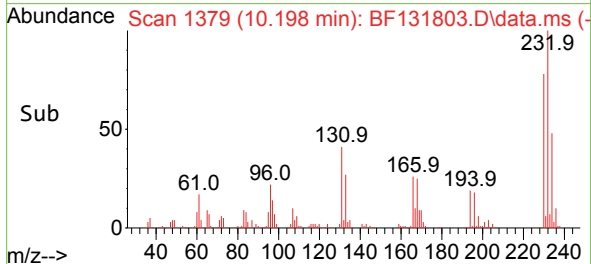
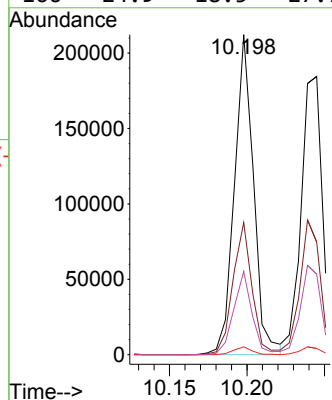
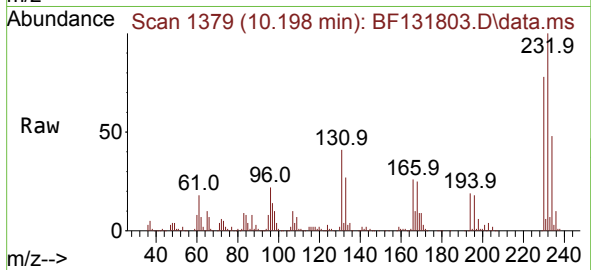




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.834 ng
RT: 10.198 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

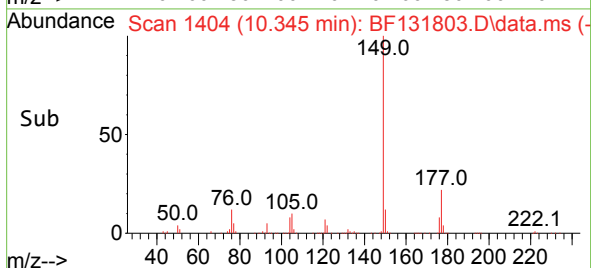
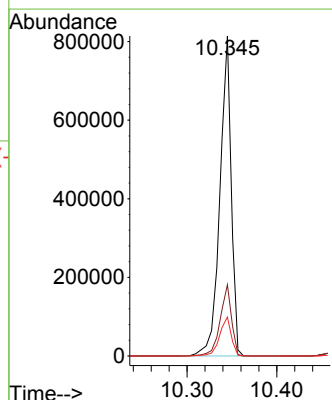
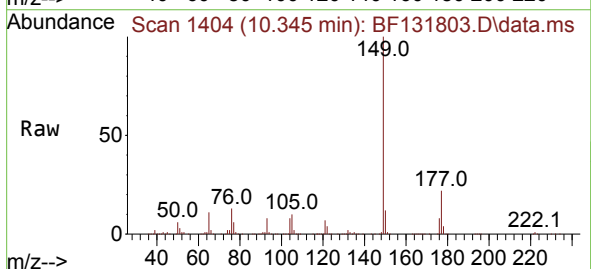
Instrument :
BNA_F
ClientSampleId :
PB149851BS

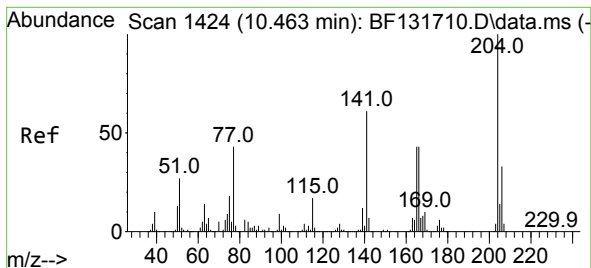
Tgt Ion:232 Resp: 181878
Ion Ratio Lower Upper
232 100
131 41.1 29.9 44.9
130 2.4 1.7 2.5
166 24.9 18.5 27.7



#60
Diethylphthalate
Concen: 42.461 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Tgt Ion:149 Resp: 713831
Ion Ratio Lower Upper
149 100
177 22.3 17.4 26.0
150 12.2 10.2 15.2

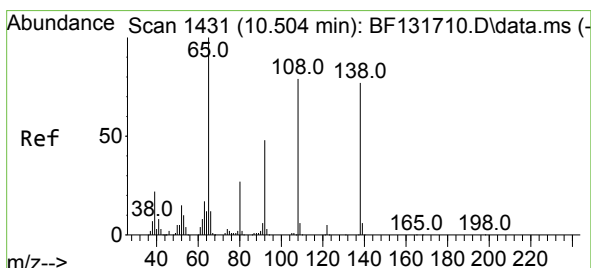
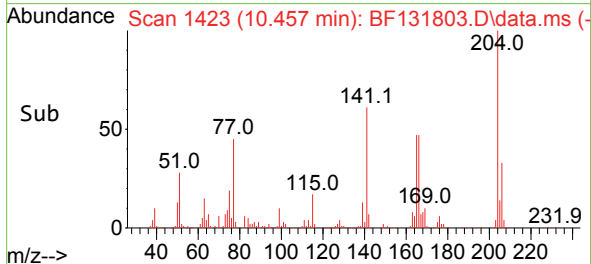
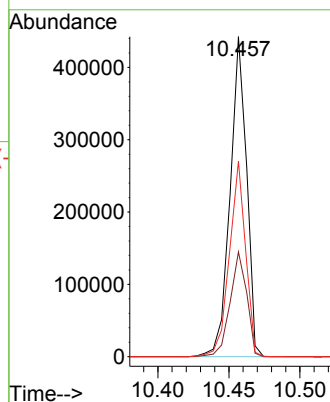
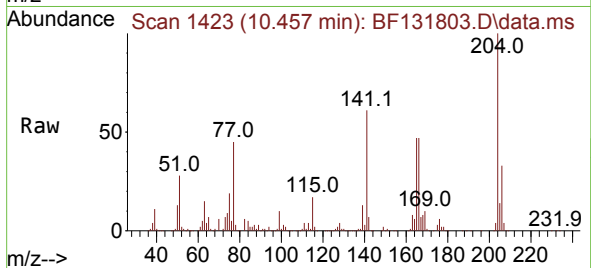




#61
4-Chlorophenyl-phenylether
Concen: 41.328 ng
RT: 10.457 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

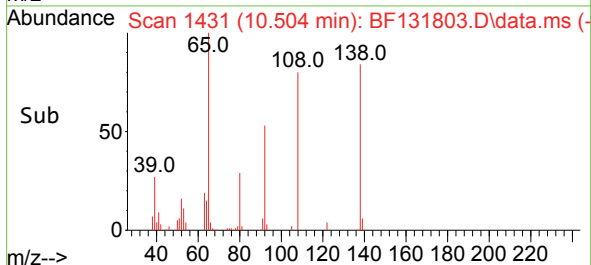
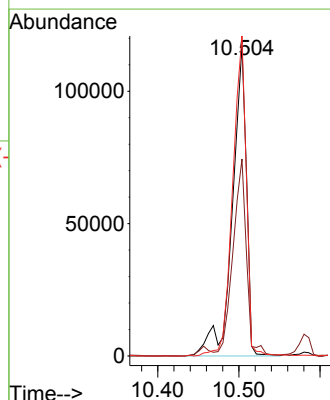
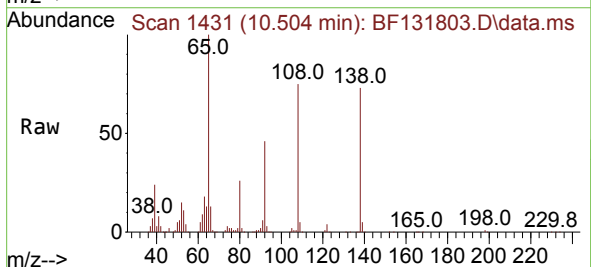
Instrument :
BNA_F
ClientSampleId :
PB149851BS

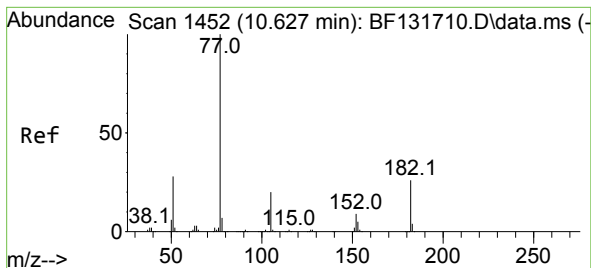
Tgt Ion:204 Resp: 357352
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 61.1 48.6 72.8



#62
4-Nitroaniline
Concen: 36.415 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Tgt Ion:138 Resp: 140683
Ion Ratio Lower Upper
138 100
92 63.5 42.1 82.1
108 103.2 83.1 123.1





#63

Azobenzene

Concen: 40.421 ng

RT: 10.621 min Scan# 1452

Delta R.T. 0.006 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB149851BS

Tgt Ion: 77 Resp: 746230

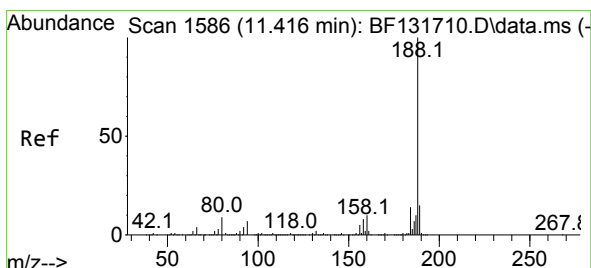
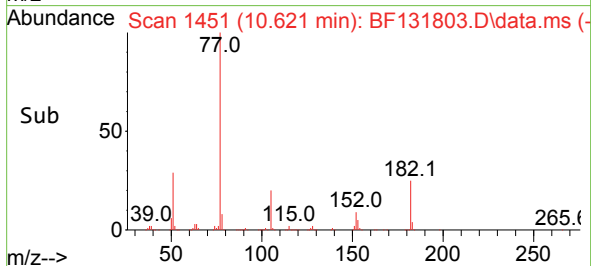
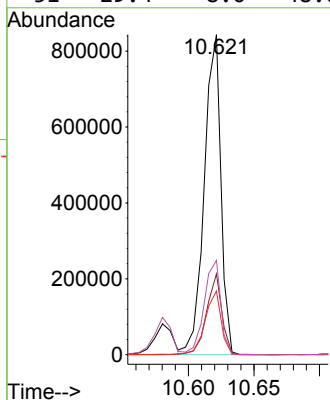
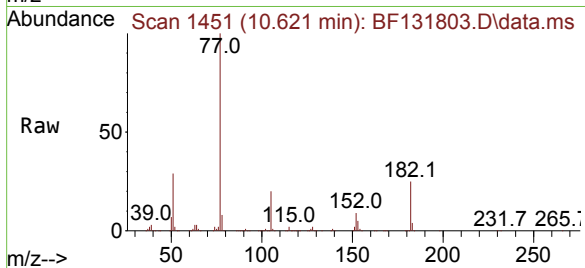
Ion Ratio Lower Upper

77 100

182 25.2 5.8 45.8

105 19.9 0.0 39.7

51 29.4 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.000 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

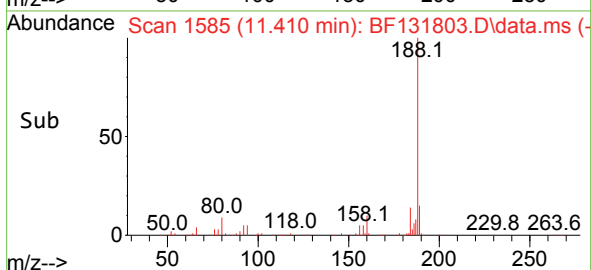
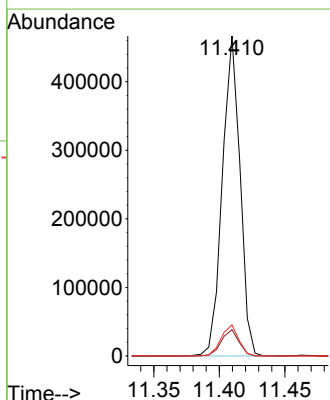
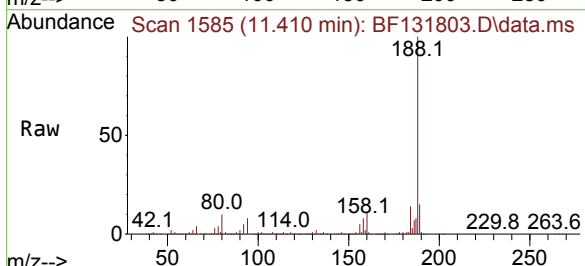
Tgt Ion: 188 Resp: 436558

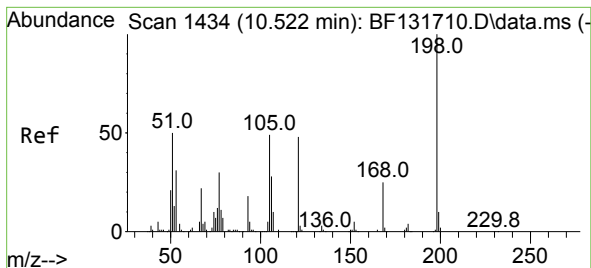
Ion Ratio Lower Upper

188 100

94 8.2 5.9 8.9

80 9.7 7.0 10.6

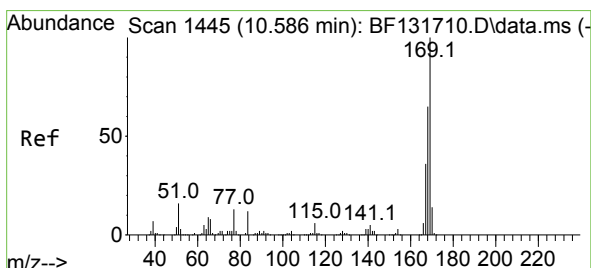
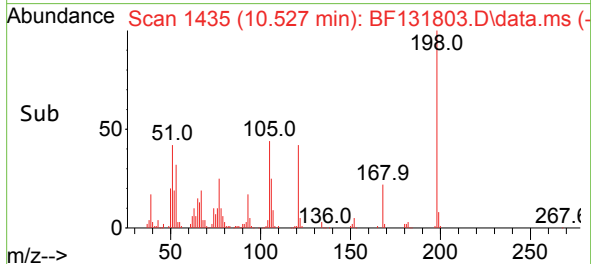
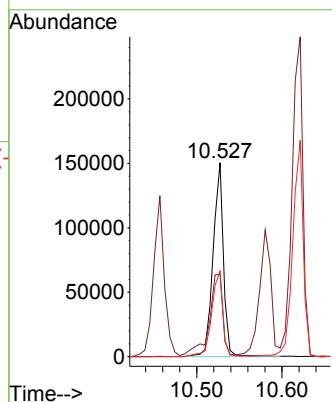
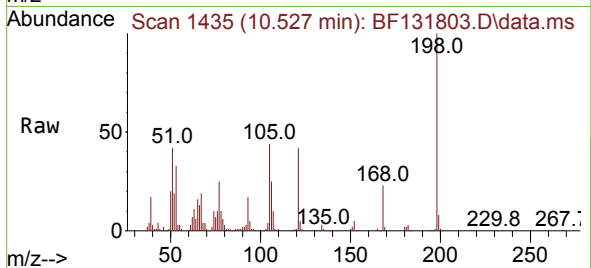




#65
4,6-Dinitro-2-methylphenol
Concen: 42.704 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

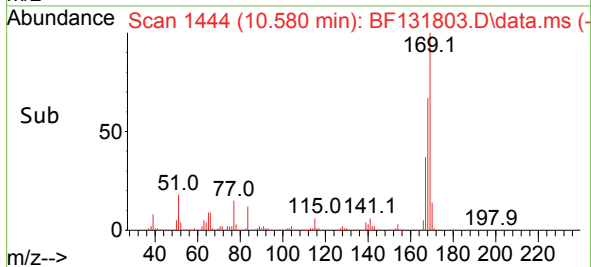
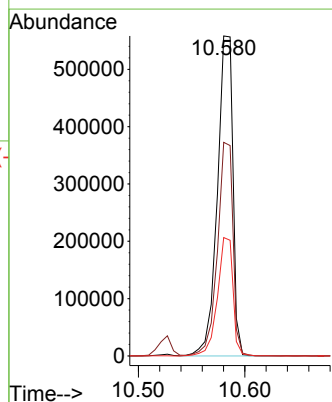
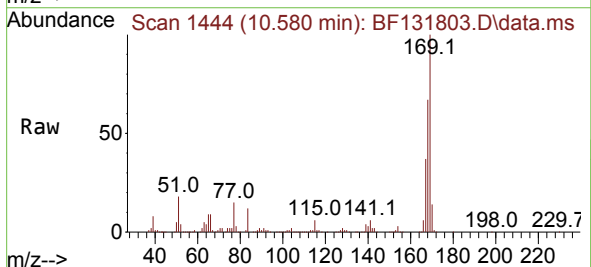
Instrument :
BNA_F
ClientSampleId :
PB149851BS

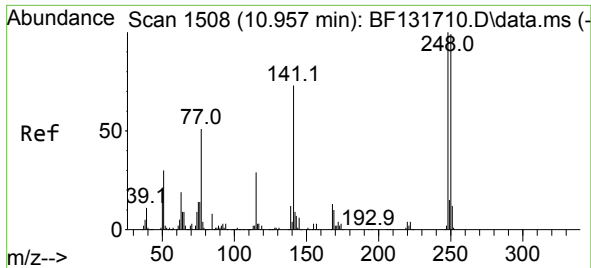
Tgt Ion:198 Resp: 127994
Ion Ratio Lower Upper
198 100
51 42.5 34.1 74.1
105 44.1 29.7 69.7



#66
n-Nitrosodiphenylamine
Concen: 41.715 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Tgt Ion:169 Resp: 564747
Ion Ratio Lower Upper
169 100
168 66.7 52.4 78.6
167 37.0 28.6 42.8

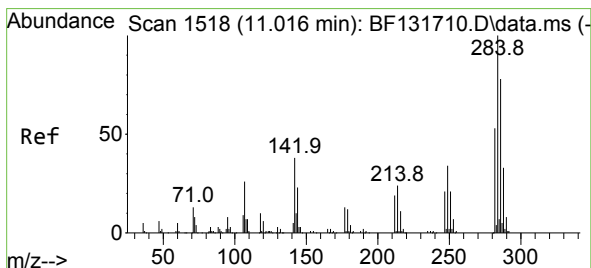
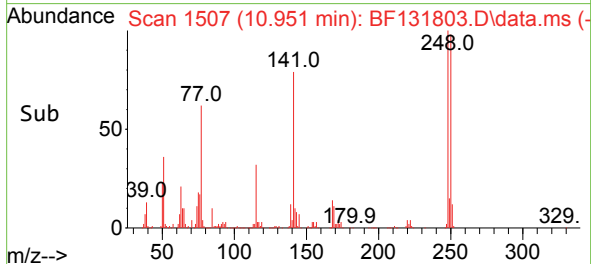
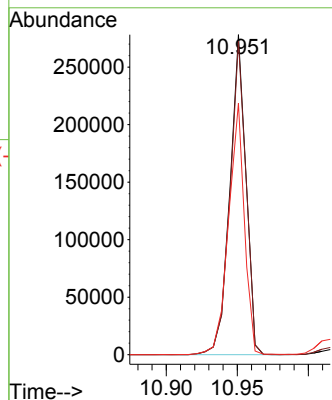
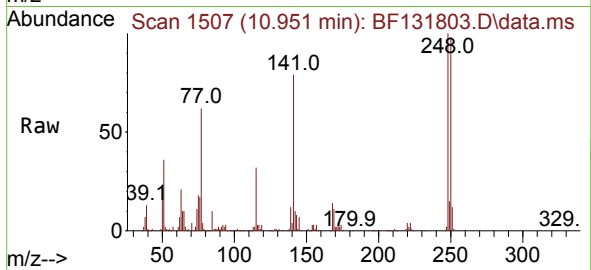




#67
4-Bromophenyl-phenylether
Concen: 42.570 ng
RT: 10.951 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

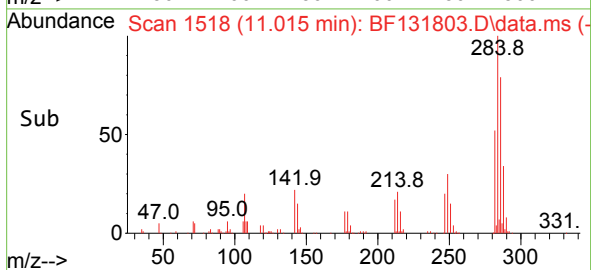
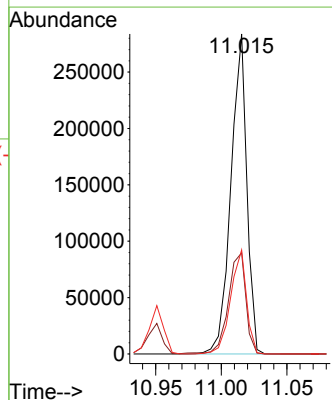
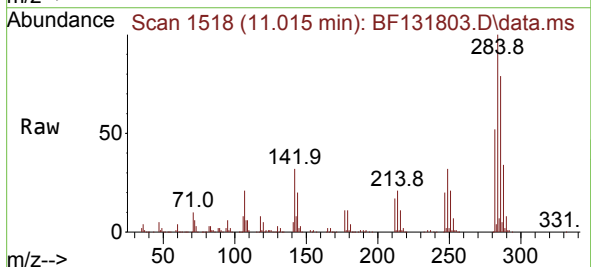
Instrument :
BNA_F
ClientSampleId :
PB149851BS

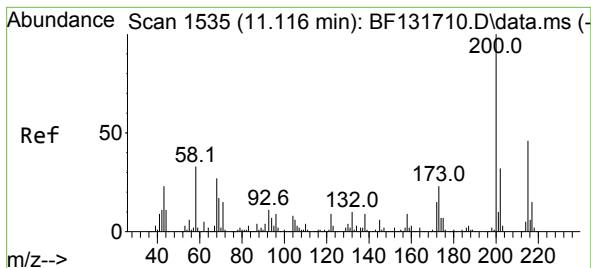
Tgt Ion:248 Resp: 219495
Ion Ratio Lower Upper
248 100
250 98.0 79.4 119.0
141 78.6 58.1 87.1



#68
Hexachlorobenzene
Concen: 42.160 ng
RT: 11.015 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Tgt Ion:284 Resp: 239074
Ion Ratio Lower Upper
284 100
142 31.6 30.2 45.4
249 32.5 27.2 40.8





#69

Atrazine

Concen: 28.414 ng

RT: 11.110 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB149851BS

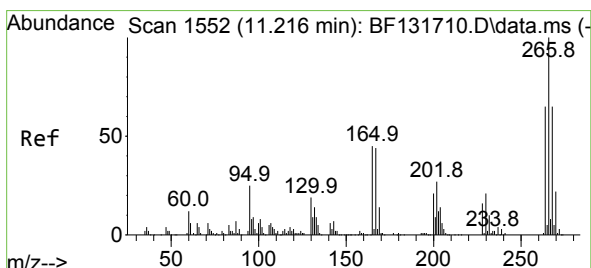
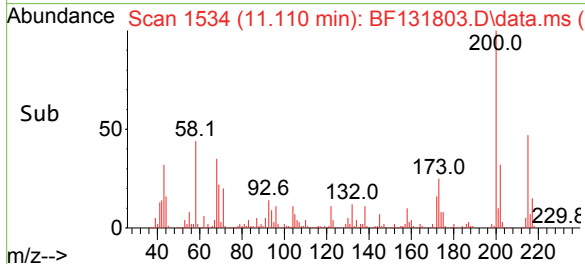
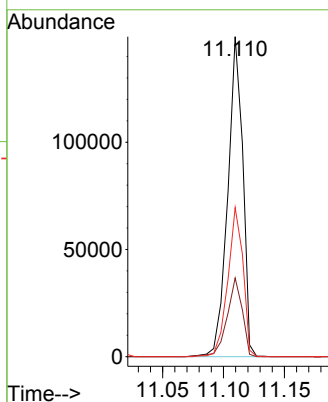
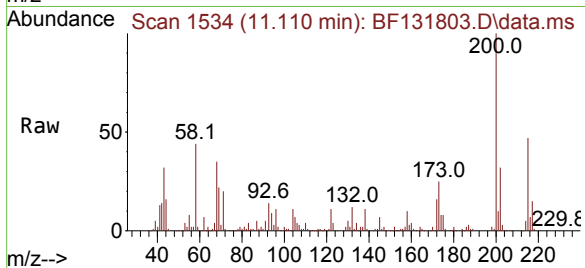
Tgt Ion:200 Resp: 128225

Ion Ratio Lower Upper

200 100

173 24.6 2.7 42.7

215 46.6 26.4 66.4



#70

Pentachlorophenol

Concen: 84.499 ng

RT: 11.215 min Scan# 1552

Delta R.T. 0.006 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

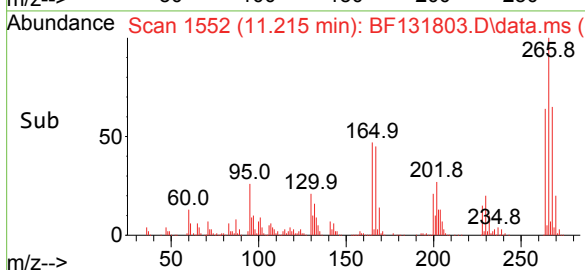
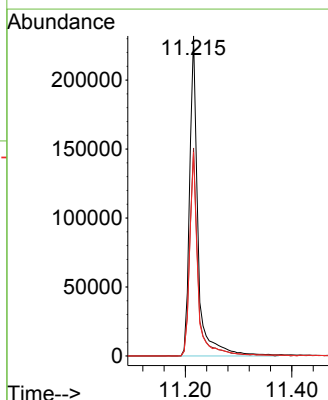
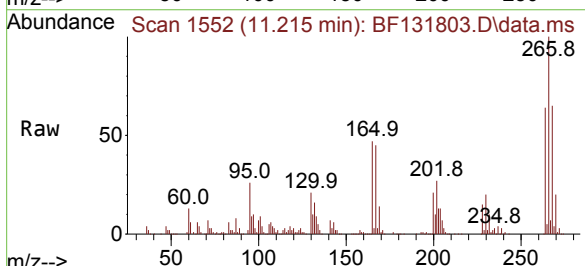
Tgt Ion:266 Resp: 254321

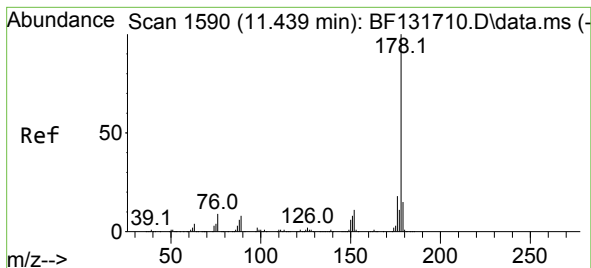
Ion Ratio Lower Upper

266 100

268 65.0 52.2 78.4

264 63.6 52.0 78.0





#71

Phenanthrene

Concen: 39.812 ng

RT: 11.439 min Scan# 1590

Delta R.T. 0.006 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB149851BS

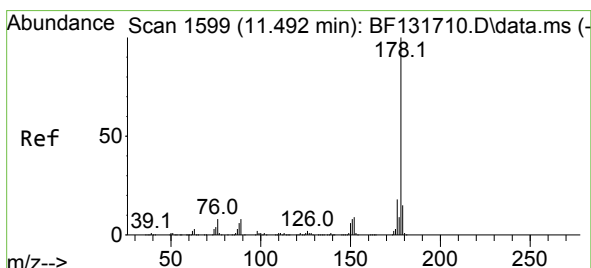
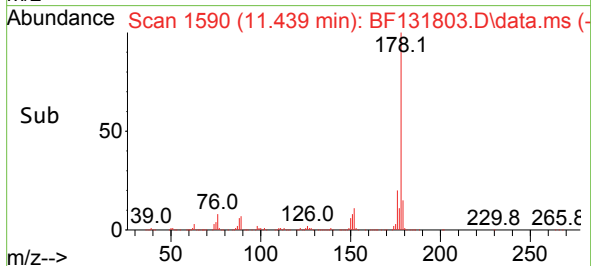
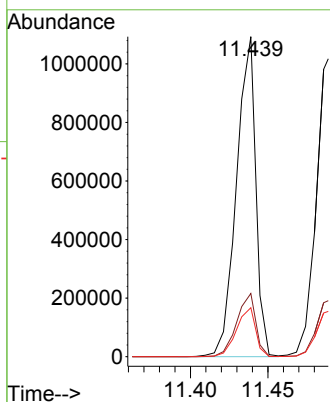
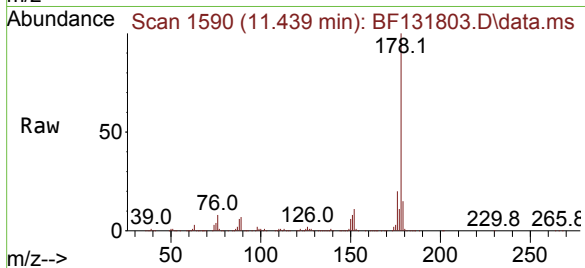
Tgt Ion:178 Resp: 947715

Ion Ratio Lower Upper

178 100

176 19.7 14.8 22.2

179 15.3 12.2 18.4



#72

Anthracene

Concen: 41.682 ng

RT: 11.492 min Scan# 1599

Delta R.T. 0.006 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

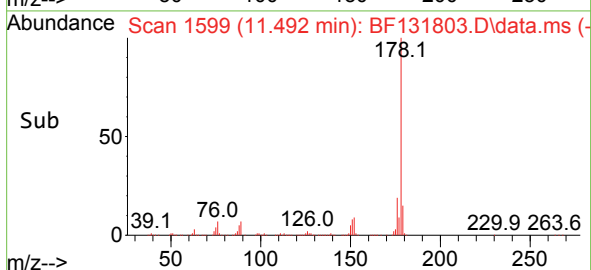
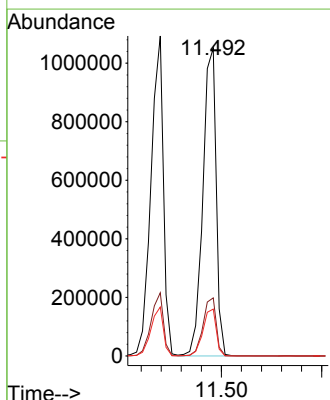
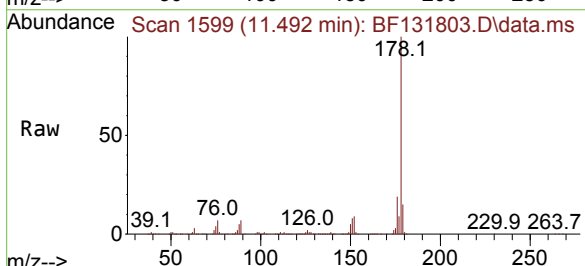
Tgt Ion:178 Resp: 971523

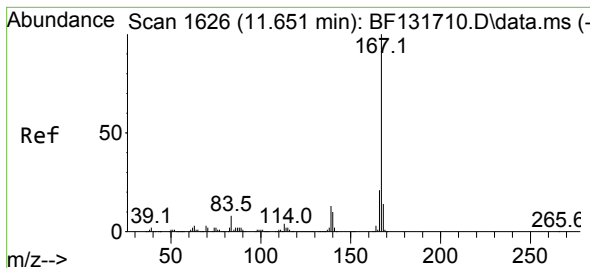
Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

179 15.2 12.2 18.4





#73

Carbazole

Concen: 40.294 ng

RT: 11.645 min Scan# 1625

Delta R.T. -0.000 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB149851BS

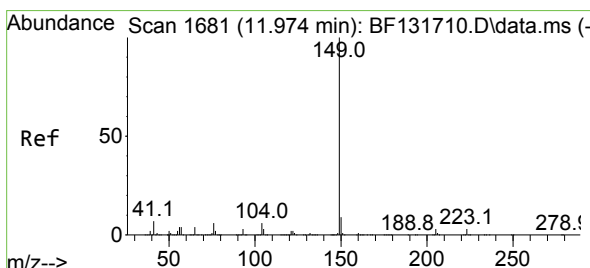
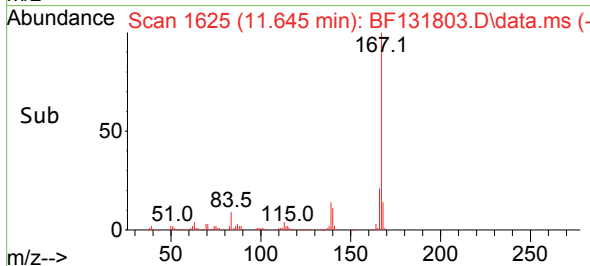
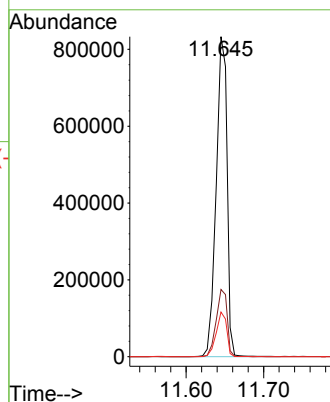
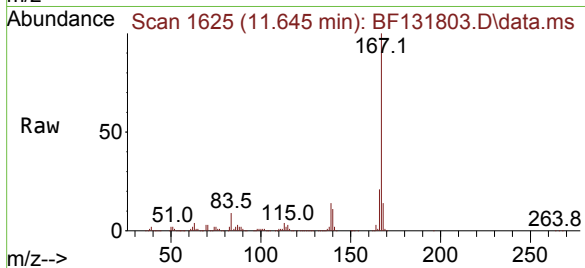
Tgt Ion:167 Resp: 812550

Ion Ratio Lower Upper

167 100

166 21.0 17.1 25.7

139 14.0 10.5 15.7



#74

Di-n-butylphthalate

Concen: 44.596 ng

RT: 11.974 min Scan# 1681

Delta R.T. -0.000 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

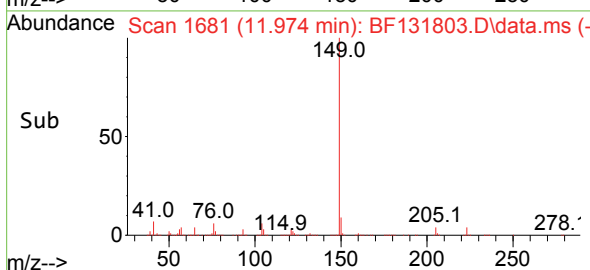
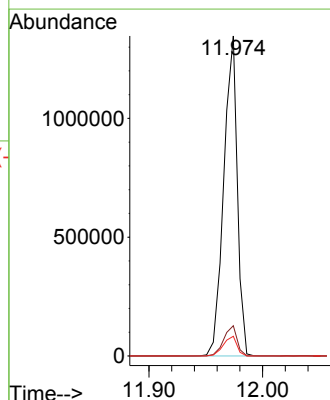
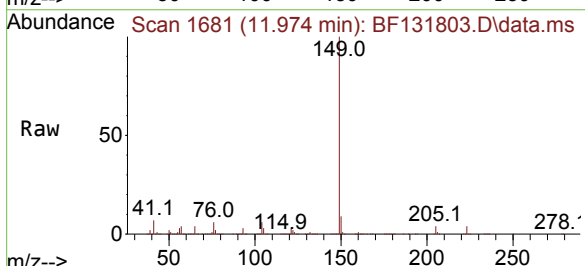
Tgt Ion:149 Resp: 1119796

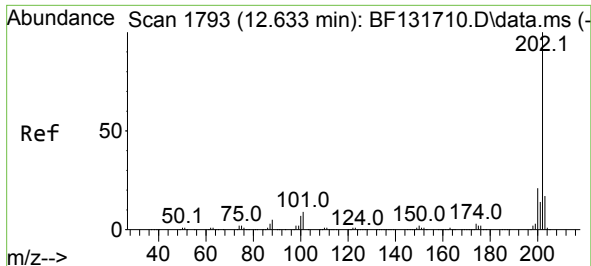
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 6.1 5.0 7.4

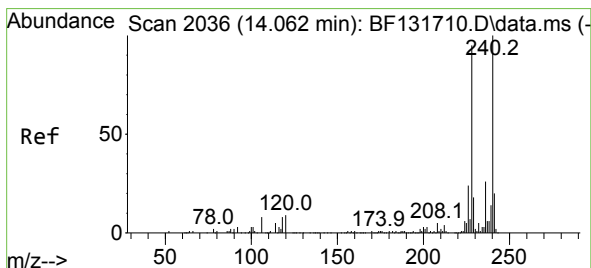
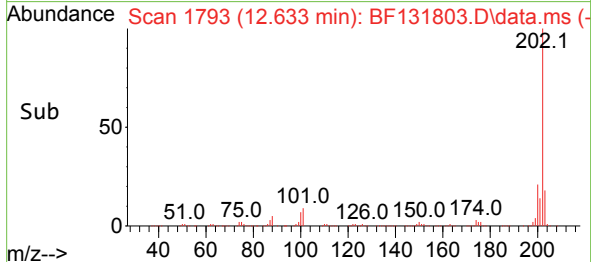
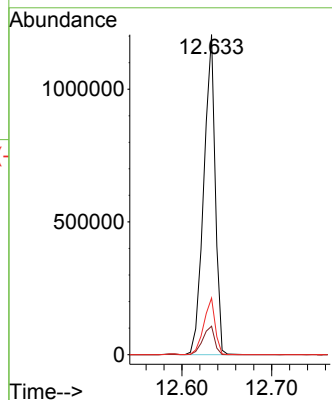
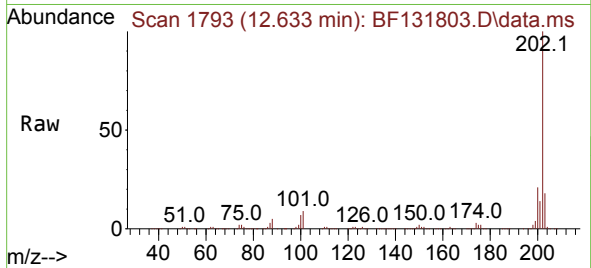




#75
Fluoranthene
Concen: 40.150 ng
RT: 12.633 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

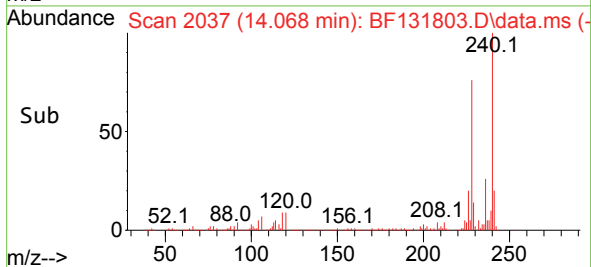
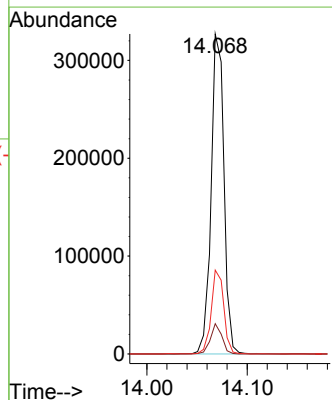
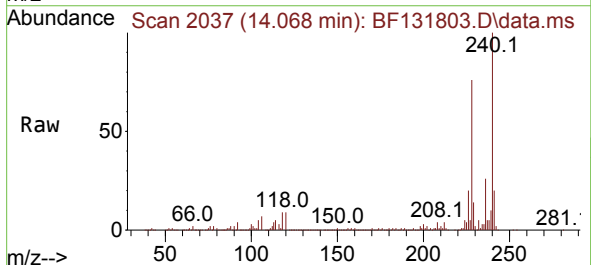
Instrument :
BNA_F
ClientSampleId :
PB149851BS

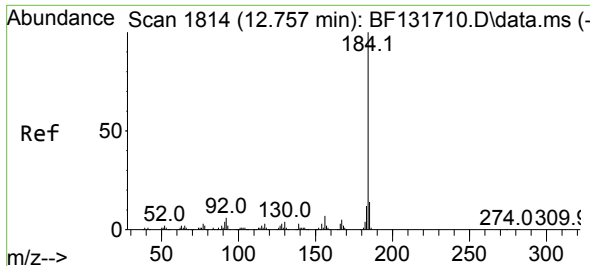
Tgt Ion:202 Resp: 1064437
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.8
203 17.7 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Tgt Ion:240 Resp: 291668
Ion Ratio Lower Upper
240 100
120 9.4 7.6 11.4
236 26.2 21.2 31.8

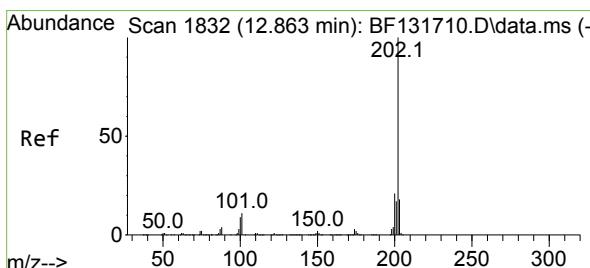
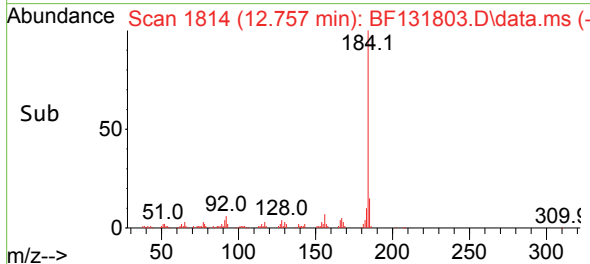
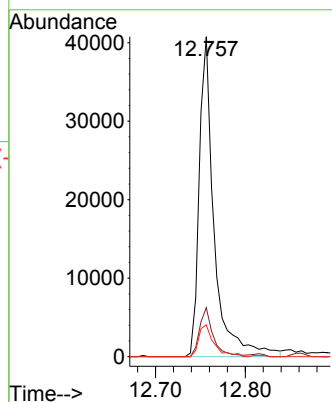
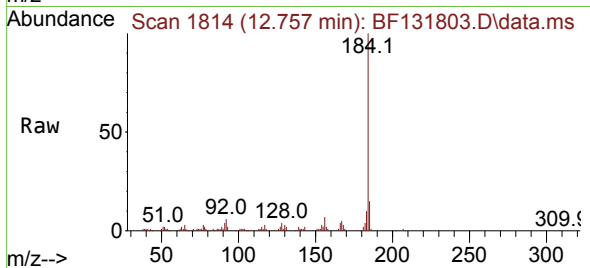




#77
Benzidine
Concen: 8.812 ng
RT: 12.757 min Scan# 1814
Delta R.T. 0.006 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

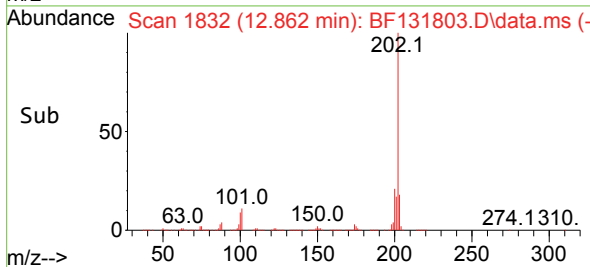
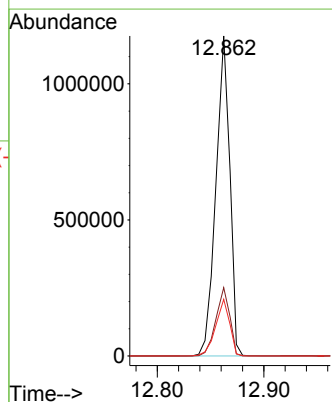
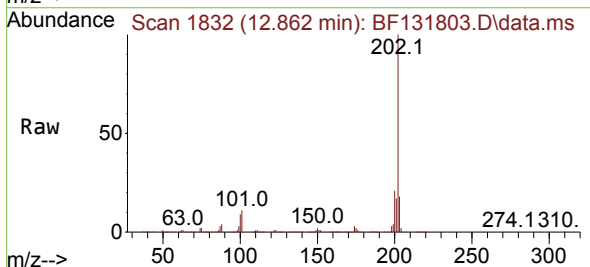
Instrument :
BNA_F
ClientSampleId :
PB149851BS

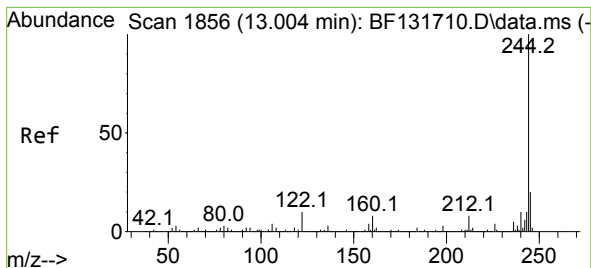
Tgt Ion:184 Resp: 47131
Ion Ratio Lower Upper
184 100
185 15.3 11.3 16.9
183 9.9 9.3 13.9



#78
Pyrene
Concen: 40.016 ng
RT: 12.862 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Tgt Ion:202 Resp: 1061139
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 90.227 ng

RT: 13.009 min Scan# 1856

Delta R.T. 0.006 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB149851BS

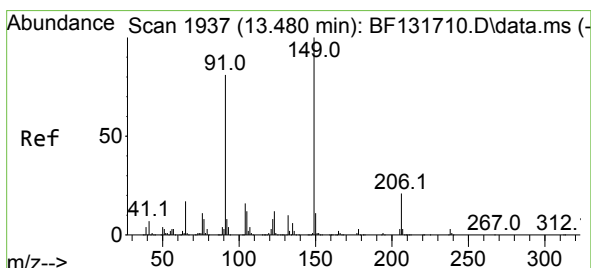
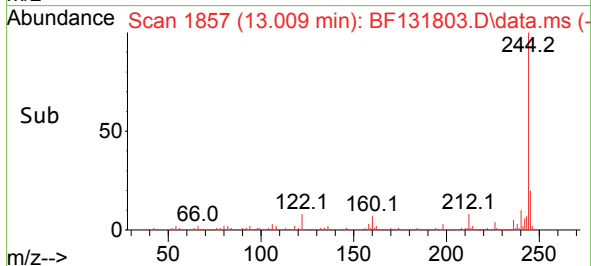
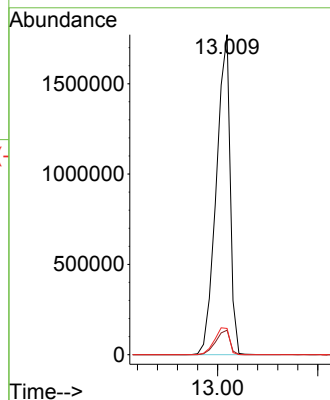
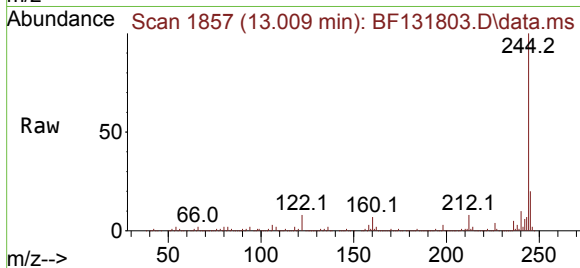
Tgt Ion:244 Resp: 1688547

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 8.2 7.7 11.5



#80

Butylbenzylphthalate

Concen: 47.159 ng

RT: 13.480 min Scan# 1937

Delta R.T. -0.000 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

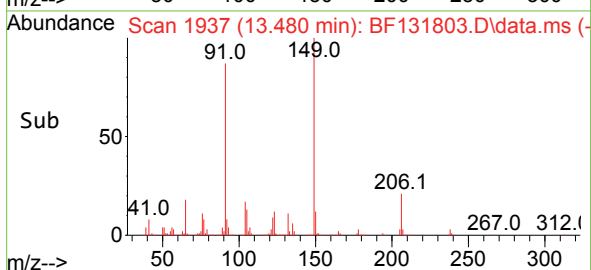
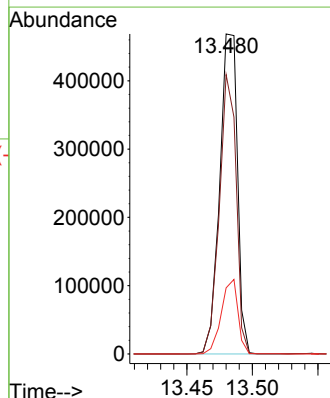
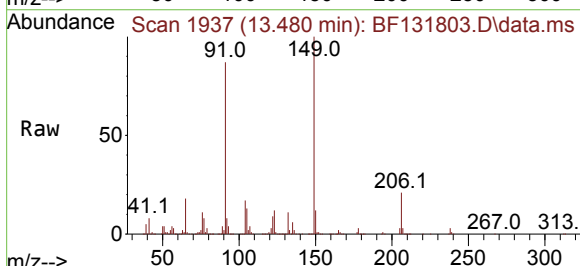
Tgt Ion:149 Resp: 441071

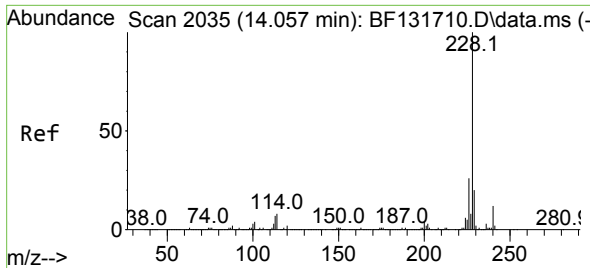
Ion Ratio Lower Upper

149 100

91 87.3 64.9 97.3

206 20.6 17.0 25.4

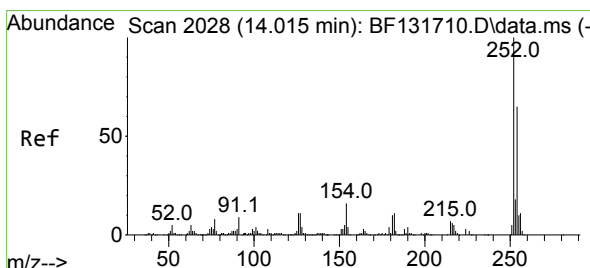
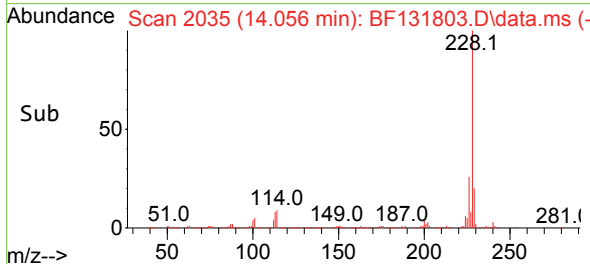
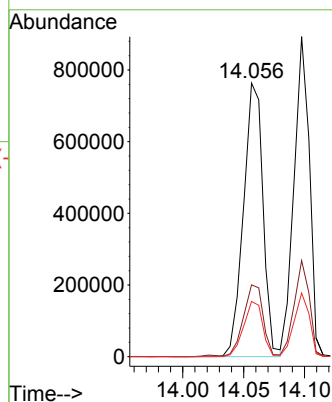
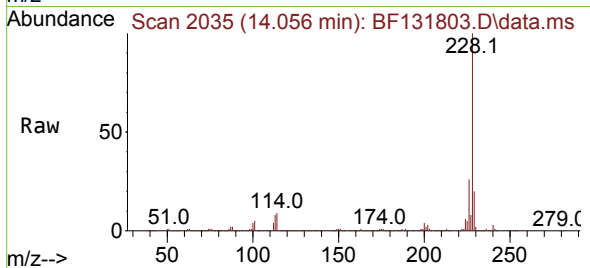




#81
Benzo(a)anthracene
Concen: 40.658 ng
RT: 14.056 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

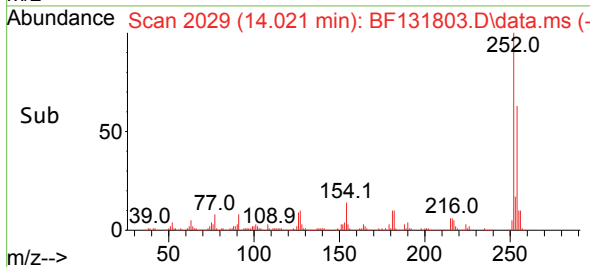
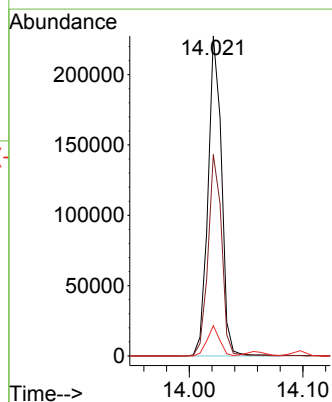
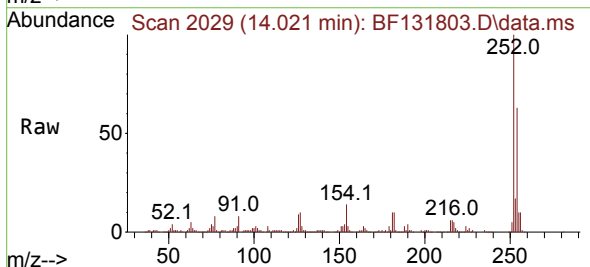
Instrument :
BNA_F
ClientSampleId :
PB149851BS

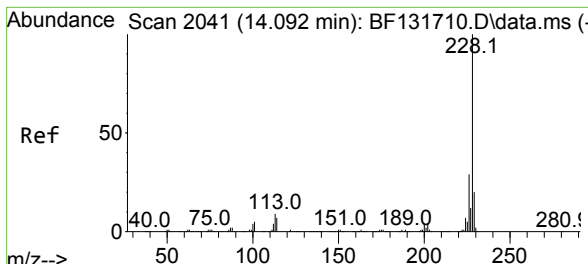
Tgt Ion:228 Resp: 854068
Ion Ratio Lower Upper
228 100
226 26.2 21.0 31.4
229 20.2 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 31.967 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF131803.D
Acq: 23 Dec 2022 12:52

Tgt Ion:252 Resp: 187479
Ion Ratio Lower Upper
252 100
254 63.0 52.1 78.1
126 9.5 8.4 12.6





#83

Chrysene

Concen: 39.546 ng

RT: 14.098 min Scan# 2042

Delta R.T. -0.000 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB149851BS

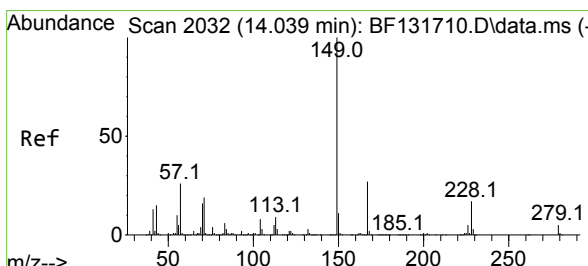
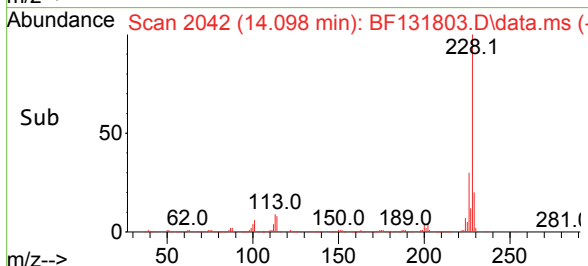
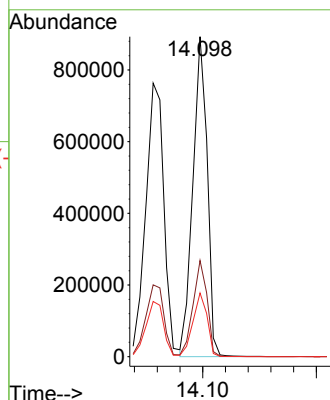
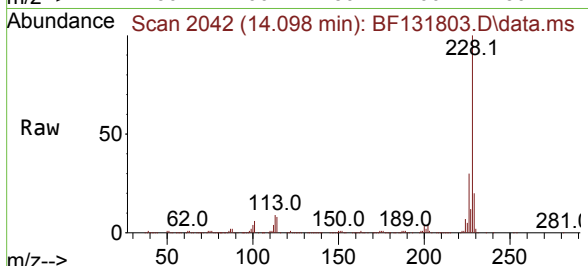
Tgt Ion:228 Resp: 784048

Ion Ratio Lower Upper

228 100

226 30.1 23.5 35.3

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.949 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

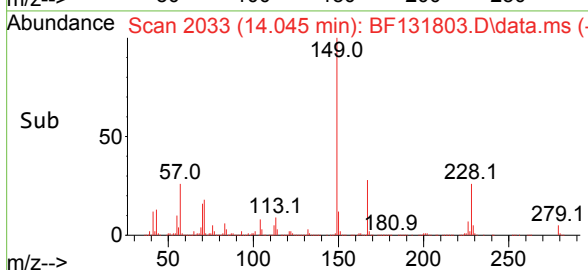
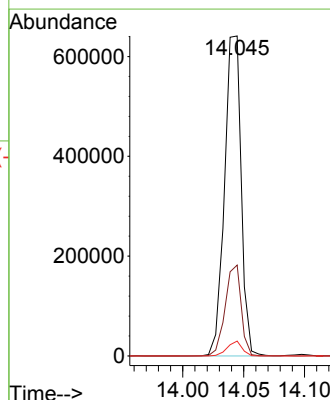
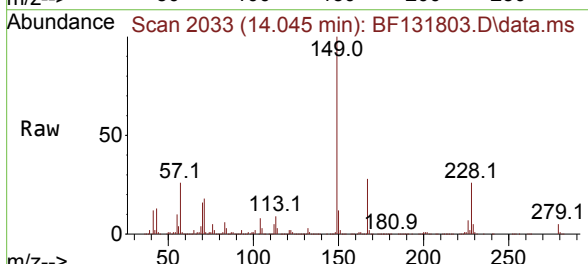
Tgt Ion:149 Resp: 612828

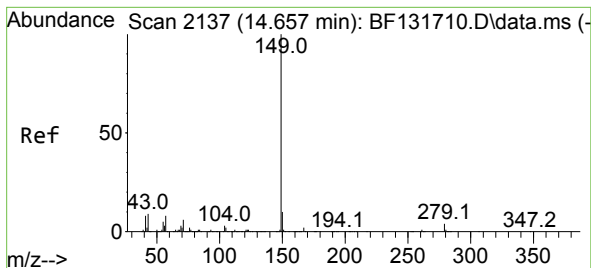
Ion Ratio Lower Upper

149 100

167 28.4 21.7 32.5

279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 56.178 ng

RT: 14.662 min Scan# 2137

Delta R.T. -0.000 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB149851BS

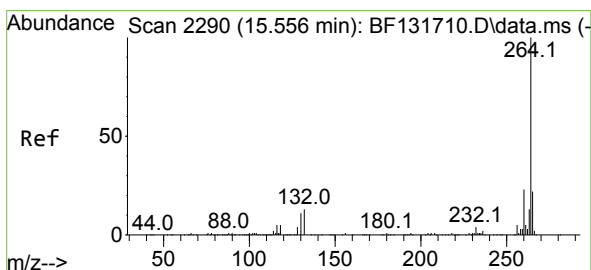
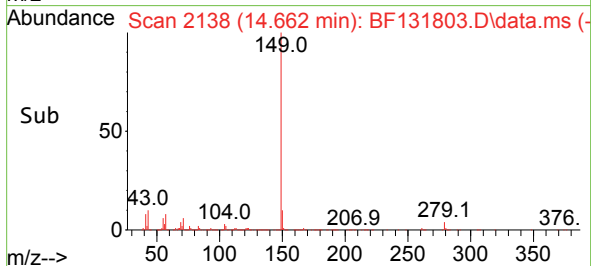
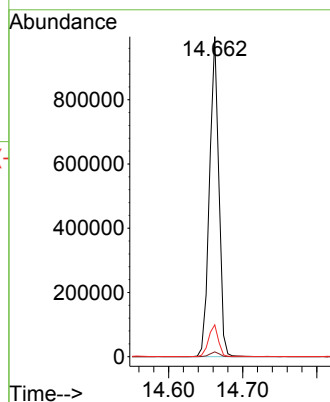
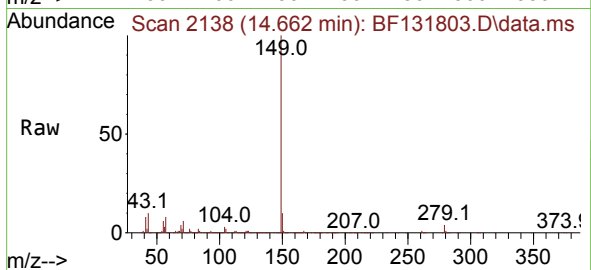
Tgt Ion:149 Resp: 874576

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 10.4 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2292

Delta R.T. 0.006 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

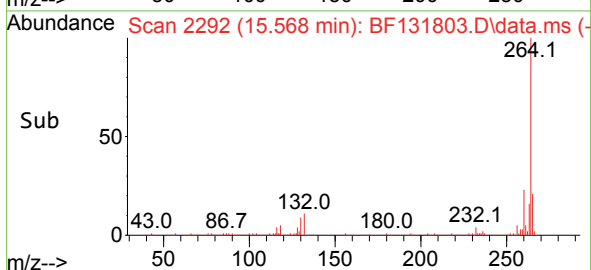
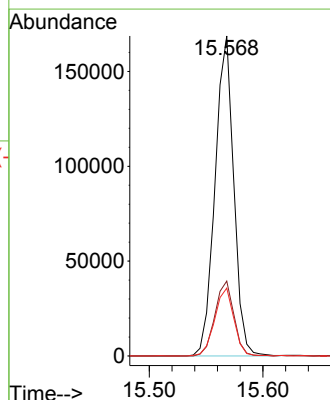
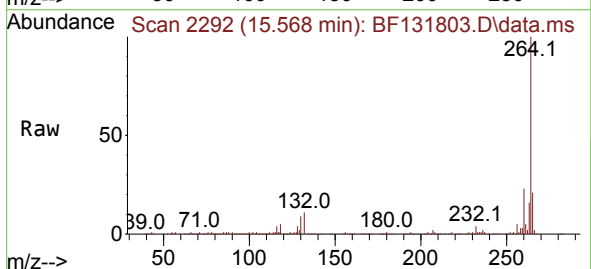
Tgt Ion:264 Resp: 193295

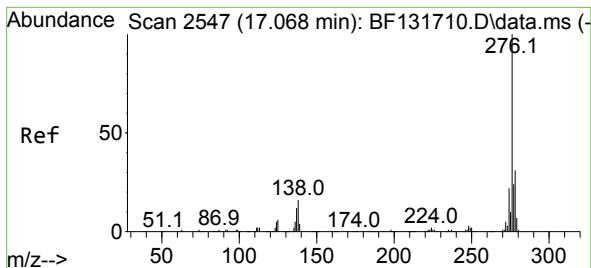
Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 21.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.895 ng

RT: 17.092 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB149851BS

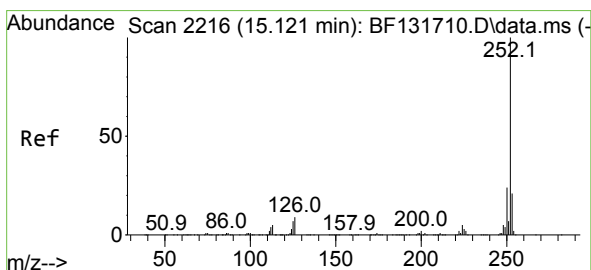
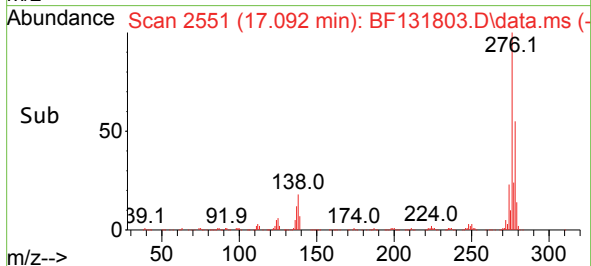
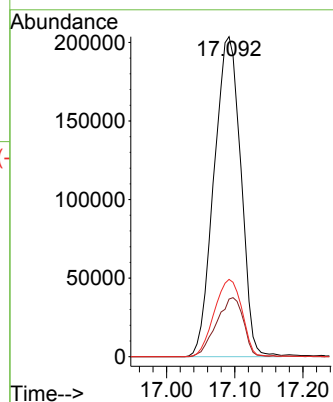
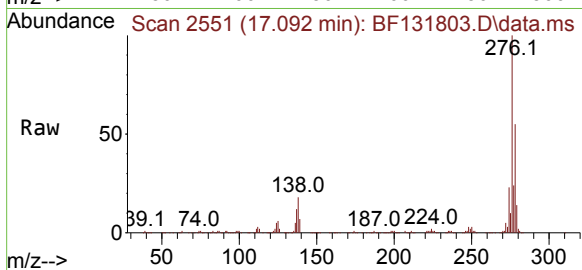
Tgt Ion:276 Resp: 556915

Ion Ratio Lower Upper

276 100

138 18.6 14.4 21.6

277 25.0 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 48.222 ng

RT: 15.127 min Scan# 2217

Delta R.T. -0.000 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

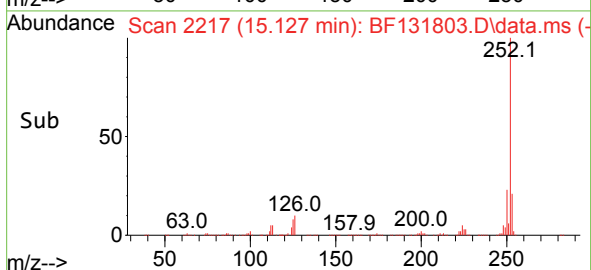
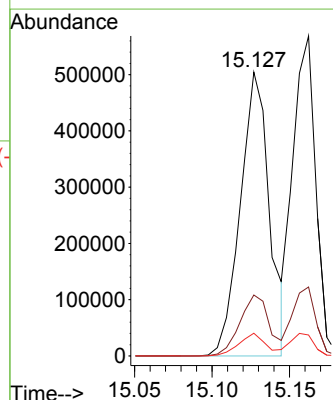
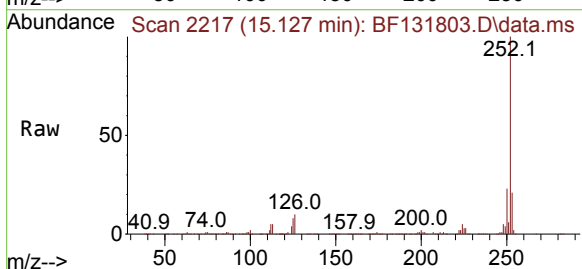
Tgt Ion:252 Resp: 659454

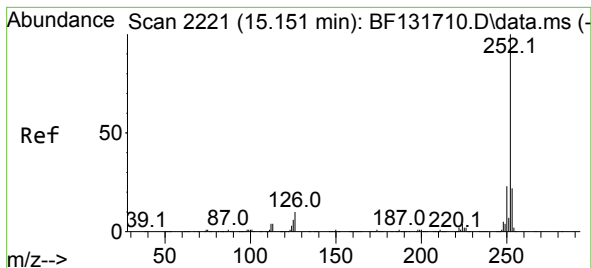
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 8.0 5.5 8.3





#89

Benzo(k)fluoranthene

Concen: 43.994 ng

RT: 15.162 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB149851BS

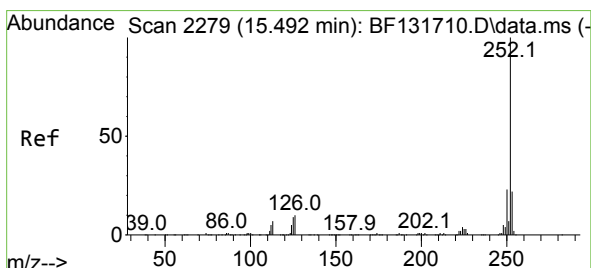
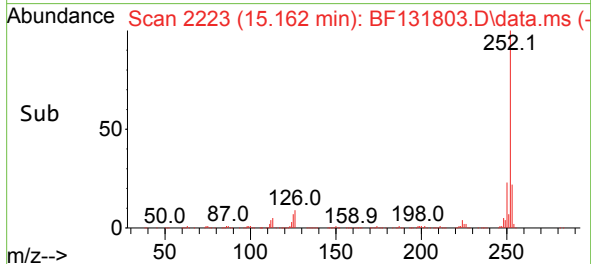
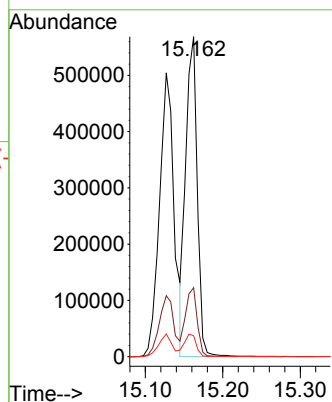
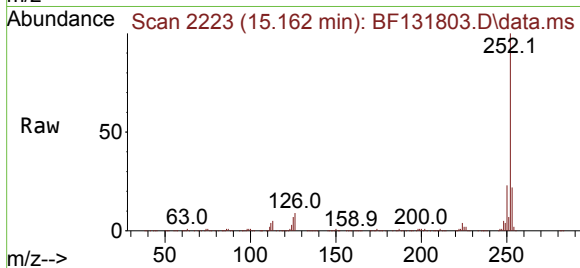
Tgt Ion:252 Resp: 587062

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 6.5 5.2 7.8



#90

Benzo(a)pyrene

Concen: 47.152 ng

RT: 15.509 min Scan# 2282

Delta R.T. 0.006 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

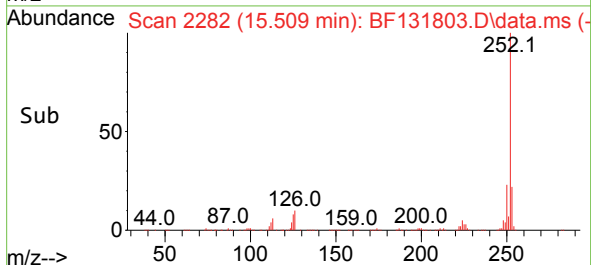
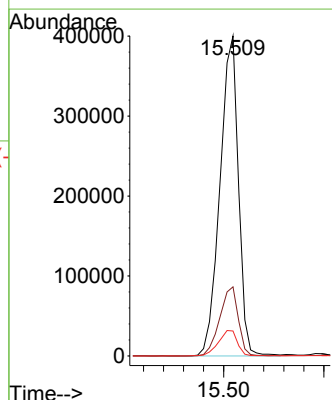
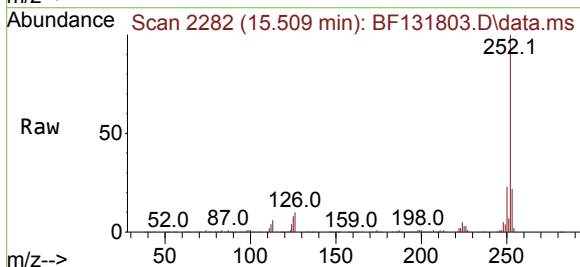
Tgt Ion:252 Resp: 510766

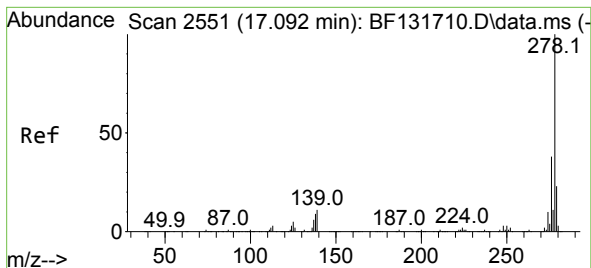
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 7.8 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 45.300 ng

RT: 17.109 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

PB149851BS

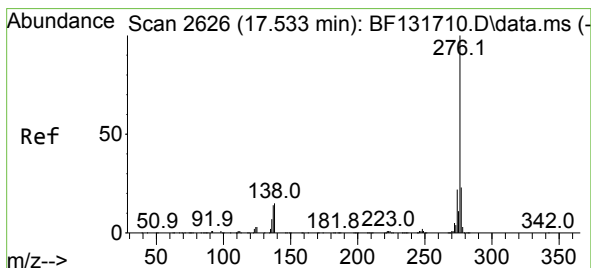
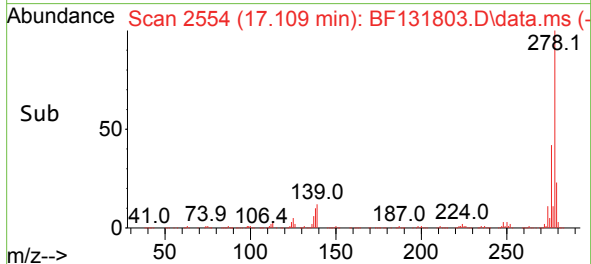
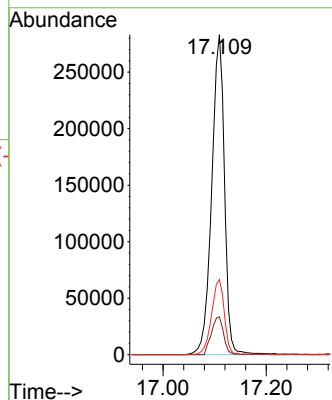
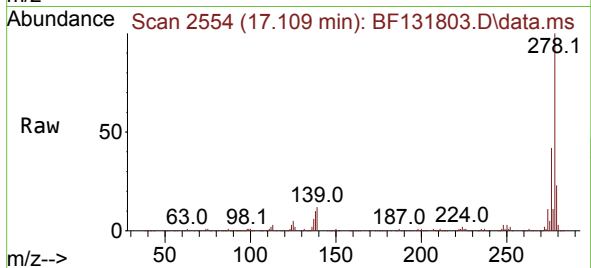
Tgt Ion:278 Resp: 486047

Ion Ratio Lower Upper

278 100

139 11.8 8.7 13.1

279 23.4 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 43.498 ng

RT: 17.550 min Scan# 2629

Delta R.T. -0.000 min

Lab File: BF131803.D

Acq: 23 Dec 2022 12:52

Tgt Ion:276 Resp: 461299

Ion Ratio Lower Upper

276 100

277 22.6 18.3 27.5

138 16.1 12.3 18.5

