

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133257.D
 Acq On : 05 May 2023 11:24
 Operator : CG\JU
 Sample : PB152569BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152569BS

Quant Time: May 06 05:45:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	201801	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	858564	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	452188	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	789706	20.000	ng	0.00
76) Chrysene-d12	13.886	240	483378	20.000	ng	0.00
86) Perylene-d12	15.298	264	409730	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1760170	131.760	ng	0.02
7) Phenol-d6	6.375	99	2071299	124.919	ng	0.00
23) Nitrobenzene-d5	7.298	82	1319844	82.977	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	545339	119.918	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2165982	80.137	ng	0.00
79) Terphenyl-d14	12.833	244	2480936	88.518	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.457	88	224860	36.289	ng	98
3) Pyridine	3.151	79	597904	36.330	ng	95
4) n-Nitrosodimethylamine	3.116	42	366689	43.016	ng	99
6) Aniline	6.392	93	754586	35.334	ng	# 42
8) 2-Chlorophenol	6.516	128	653336	48.168	ng	93
9) Benzaldehyde	6.275	77	336885	46.614	ng	97
10) Phenol	6.392	94	758582	41.470	ng	# 70
11) bis(2-Chloroethyl)ether	6.469	93	619450	45.128	ng	96
12) 1,3-Dichlorobenzene	6.669	146	671129	46.539	ng	98
13) 1,4-Dichlorobenzene	6.745	146	670637	46.402	ng	99
14) 1,2-Dichlorobenzene	6.898	146	648257	48.652	ng	97
15) Benzyl Alcohol	6.881	79	541843	47.307	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	995154	41.741	ng	95
17) 2-Methylphenol	6.992	107	531348	42.782	ng	99
18) Hexachloroethane	7.239	117	237012	47.169	ng	95
19) n-Nitroso-di-n-propyla...	7.151	70	420864	40.771	ng	98
20) 3+4-Methylphenols	7.151	107	617399	42.211	ng	# 76
22) Acetophenone	7.139	105	862511	43.368	ng	# 96
24) Nitrobenzene	7.316	77	662090	41.077	ng	98
25) Isophorone	7.557	82	1246416	41.272	ng	100
26) 2-Nitrophenol	7.633	139	364251	46.854	ng	91
27) 2,4-Dimethylphenol	7.675	122	583305	43.757	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	743961	41.641	ng	99
29) 2,4-Dichlorophenol	7.875	162	536923	44.244	ng	100
30) 1,2,4-Trichlorobenzene	7.957	180	553012	43.987	ng	100
31) Naphthalene	8.039	128	1821251	42.428	ng	100
32) Benzoic acid	7.816	122	401894	48.808	ng	98
33) 4-Chloroaniline	8.086	127	441406	25.451	ng	98
34) Hexachlorobutadiene	8.157	225	303189	43.511	ng	99
35) Caprolactam	8.469	113	127242	31.211	ng	90
36) 4-Chloro-3-methylphenol	8.575	107	580317	44.344	ng	96
37) 2-Methylnaphthalene	8.727	142	1186303	40.423	ng	98
38) 1-Methylnaphthalene	8.827	142	1129580	41.145	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	495945	40.791	ng	99
41) Hexachlorocyclopentadiene	8.880	237	600607	84.704	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	362537	43.117	ng	97

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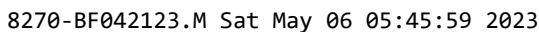
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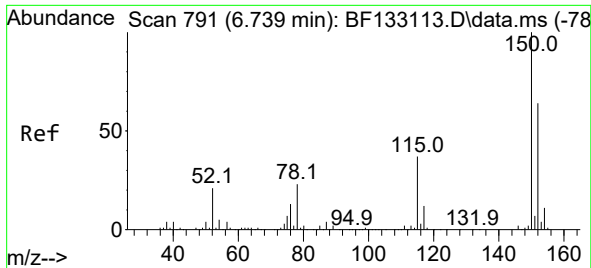
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	381224	39.203	ng	97
46) 1,1'-Biphenyl	9.192	154	1486249	41.450	ng	98
47) 2-Chloronaphthalene	9.216	162	1121277	42.724	ng	100
48) 2-Nitroaniline	9.310	65	372433	42.938	ng	94
49) Acenaphthylene	9.627	152	1742538	41.553	ng	99
50) Dimethylphthalate	9.498	163	1320934	41.894	ng	99
51) 2,6-Dinitrotoluene	9.557	165	311051	43.831	ng	89
52) Acenaphthene	9.804	154	1063172	37.854	ng	99
53) 3-Nitroaniline	9.722	138	275423	32.641	ng	99
54) 2,4-Dinitrophenol	9.833	184	348029	97.566	ng	99
55) Dibenzofuran	9.974	168	1531435	39.973	ng	99
56) 4-Nitrophenol	9.898	139	558824	85.507	ng	98
57) 2,4-Dinitrotoluene	9.957	165	408607	45.149	ng	97
58) Fluorene	10.316	166	1127954	40.185	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	321244	42.612	ng	99
60) Diethylphthalate	10.192	149	1237296	41.545	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	539440	39.437	ng	93
62) 4-Nitroaniline	10.339	138	361707	46.639	ng	98
63) Azobenzene	10.469	77	1268918	40.220	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	234167	48.922	ng	84
66) n-Nitrosodiphenylamine	10.427	169	1061319	41.432	ng	99
67) 4-Bromophenyl-phenylether	10.798	248	355511	41.508	ng	96
68) Hexachlorobenzene	10.863	284	391194	44.574	ng	98
69) Atrazine	10.957	200	368635	49.943	ng	98
70) Pentachlorophenol	11.057	266	452521	72.399	ng	98
71) Phenanthrene	11.274	178	1764060	41.562	ng	100
72) Anthracene	11.327	178	1780167	40.983	ng	99
73) Carbazole	11.480	167	1648869	42.631	ng	98
74) Di-n-butylphthalate	11.816	149	1943661	44.406	ng	99
75) Fluoranthene	12.457	202	1780667	41.802	ng	99
77) Benzidine	12.580	184	758285	92.766	ng	# 93
78) Pyrene	12.686	202	1842417	44.463	ng	98
80) Butylbenzylphthalate	13.310	149	790186	53.858	ng	99
81) Benzo(a)anthracene	13.874	228	1361351	40.955	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	373422	40.666	ng	99
83) Chrysene	13.910	228	1351541	40.670	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	846432	45.963	ng	99
85) Di-n-octyl phthalate	14.480	149	1421181	47.329	ng	98
87) Indeno(1,2,3-cd)pyrene	16.674	276	1192812	51.180	ng	98
88) Benzo(b)fluoranthene	14.898	252	1232982	47.301	ng	100
89) Benzo(k)fluoranthene	14.921	252	1097848	42.487	ng	98
90) Benzo(a)pyrene	15.239	252	1010690	42.599	ng	99
91) Dibenzo(a,h)anthracene	16.692	278	997992	51.341	ng	98
92) Benzo(g,h,i)perylene	17.092	276	1010297	52.645	ng	97

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

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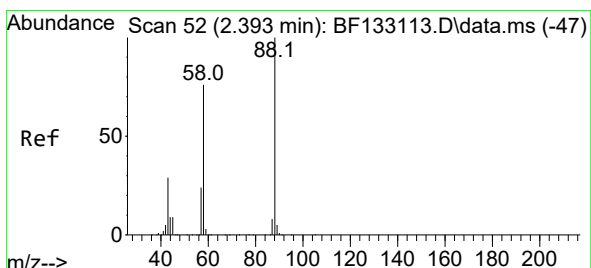
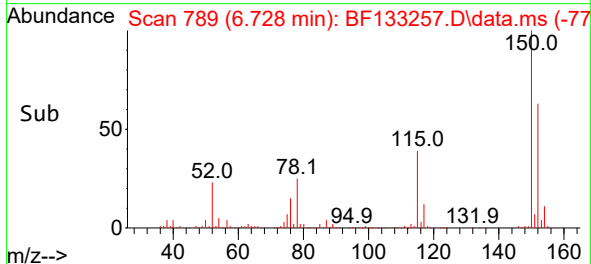
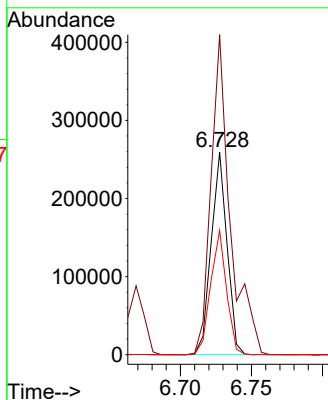
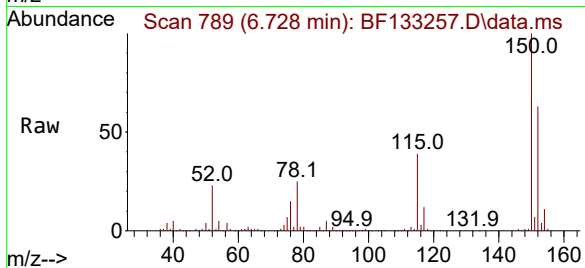




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133257.D
 Acq: 05 May 2023 11:24

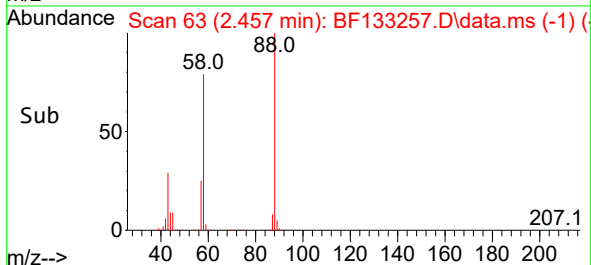
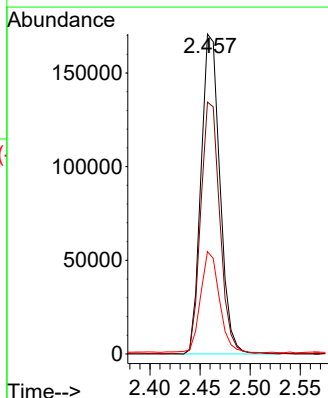
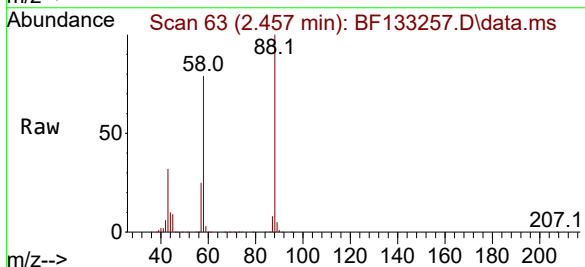
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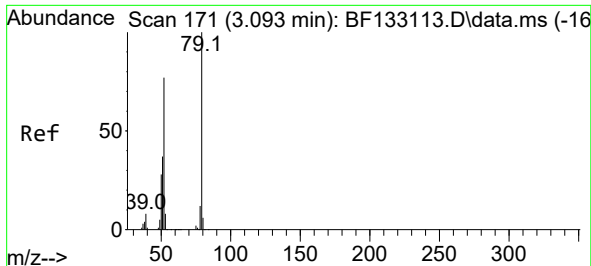
Tgt Ion:152 Resp: 201801
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.8 187.2
 115 61.2 49.9 74.9



#2
 1,4-Dioxane
 Concen: 36.289 ng
 RT: 2.457 min Scan# 63
 Delta R.T. 0.088 min
 Lab File: BF133257.D
 Acq: 05 May 2023 11:24

Tgt Ion: 88 Resp: 224860
 Ion Ratio Lower Upper
 88 100
 58 79.3 64.7 97.1
 43 31.5 26.2 39.2

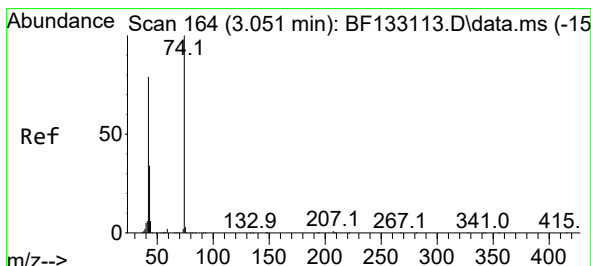
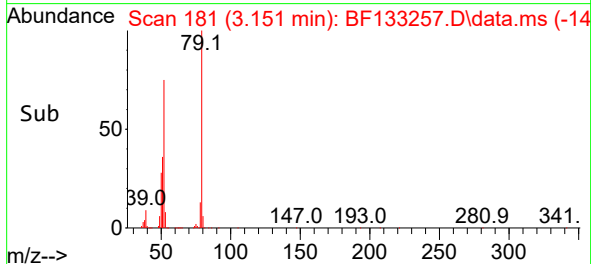
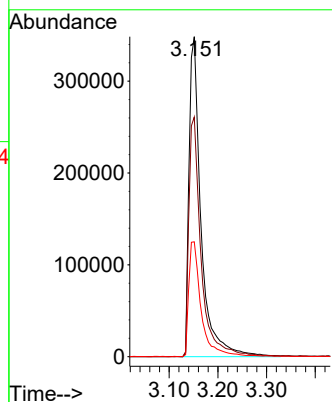
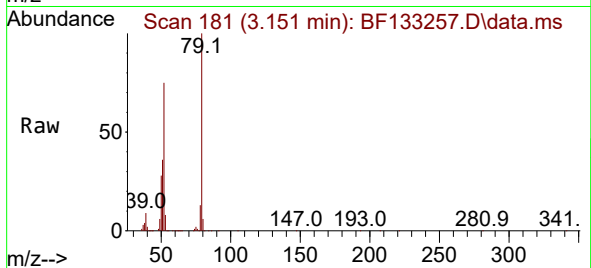




#3
Pyridine
Concen: 36.330 ng
RT: 3.151 min Scan# 171
Delta R.T. 0.088 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

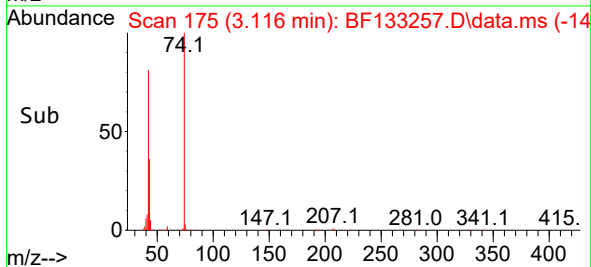
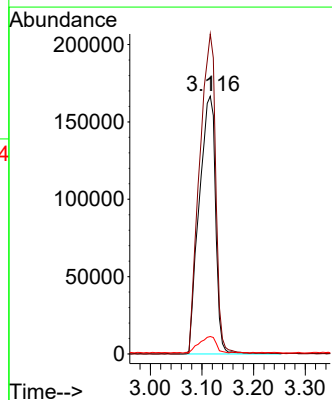
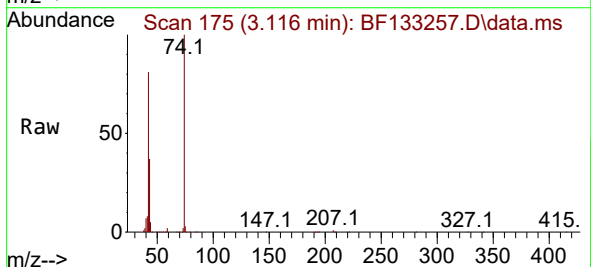
Instrument :
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ClientSampleId :
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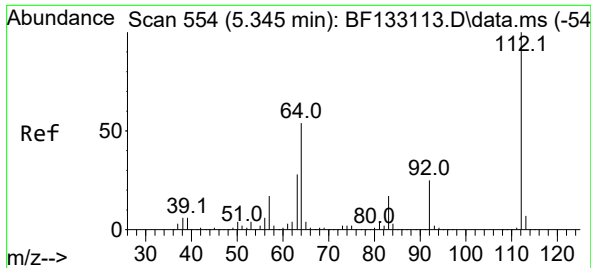
Tgt Ion: 79 Resp: 597904
Ion Ratio Lower Upper
79 100
52 74.9 64.6 96.8
51 35.9 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 43.016 ng
RT: 3.116 min Scan# 175
Delta R.T. 0.082 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion: 42 Resp: 366689
Ion Ratio Lower Upper
42 100
74 124.1 98.0 147.0
44 6.8 5.8 8.8

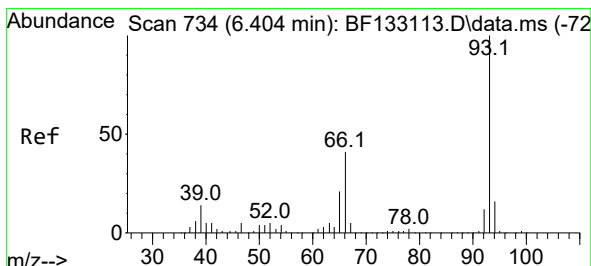
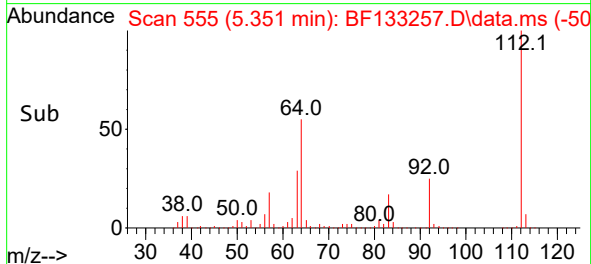
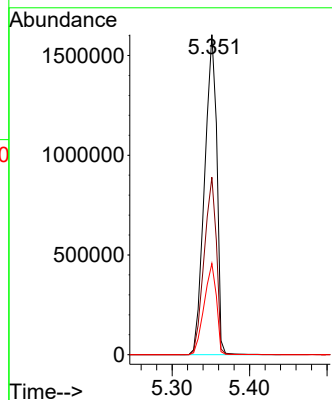
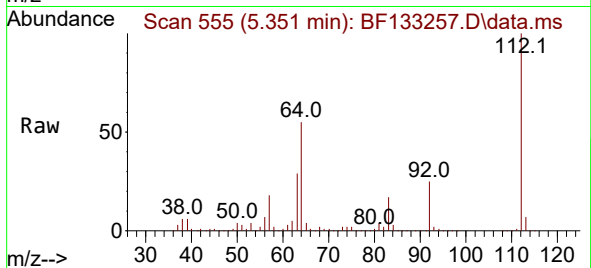




#5
2-Fluorophenol
Concen: 131.760 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

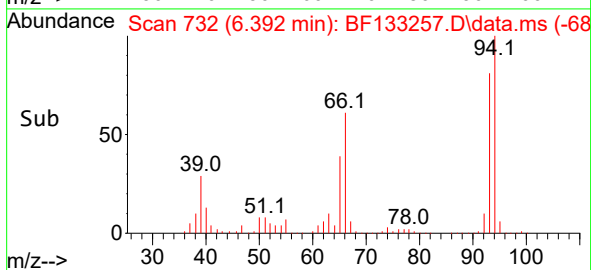
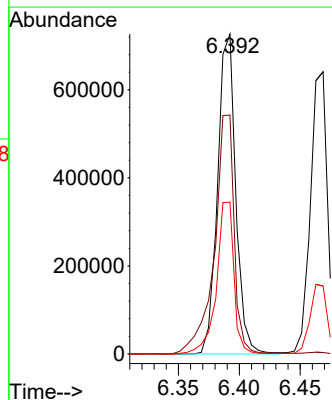
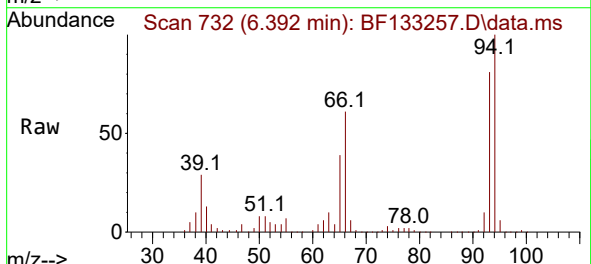
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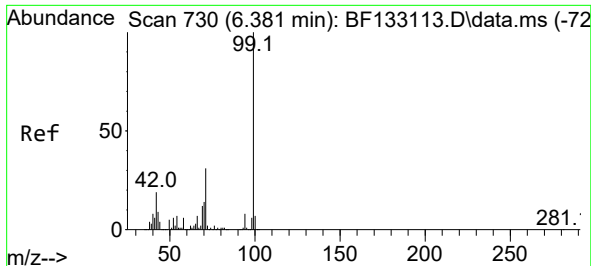
Tgt Ion:112 Resp: 1760170
Ion Ratio Lower Upper
112 100
64 55.5 46.8 70.2
63 28.5 23.8 35.8



#6
Aniline
Concen: 35.334 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion: 93 Resp: 754586
Ion Ratio Lower Upper
93 100
66 74.6 31.5 47.3#
65 47.5 16.4 24.6#

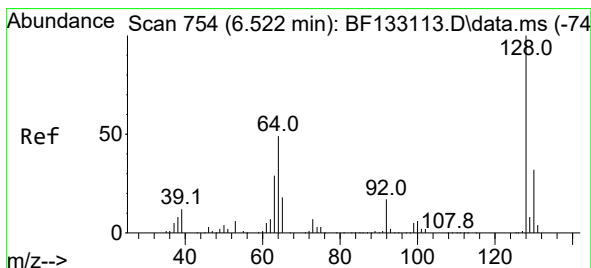
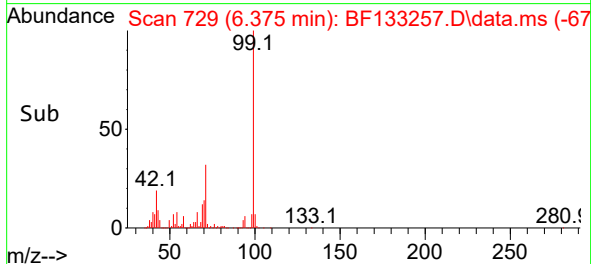
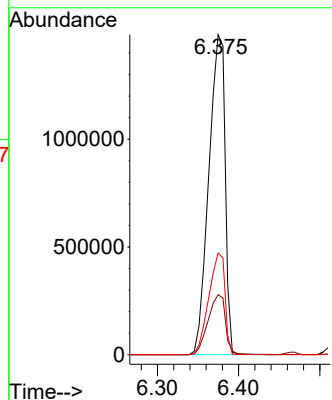
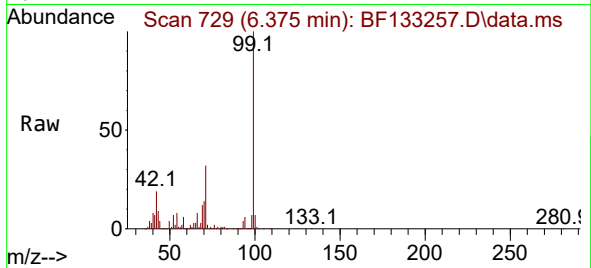




#7
Phenol-d6
Concen: 124.919 ng
RT: 6.375 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

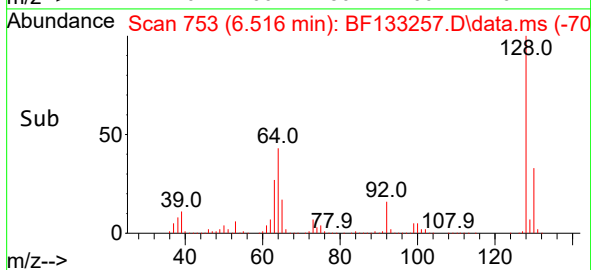
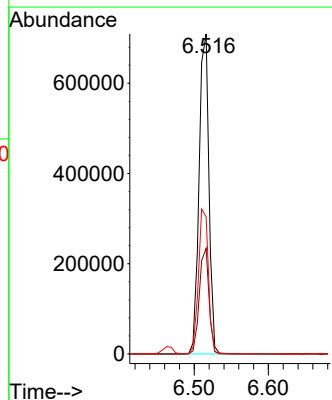
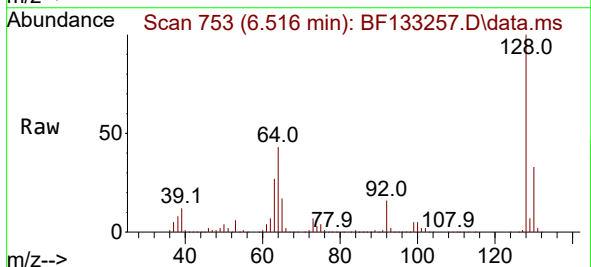
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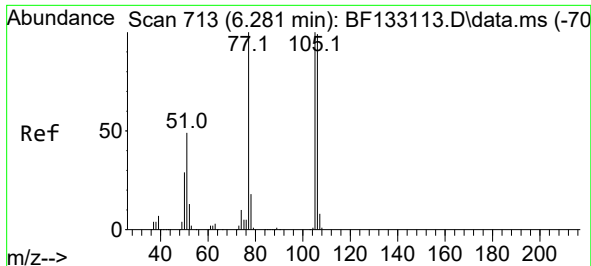
Tgt Ion: 99 Resp: 2071299
Ion Ratio Lower Upper
99 100
42 18.8 16.3 24.5
71 31.8 25.6 38.4



#8
2-Chlorophenol
Concen: 48.168 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion:128 Resp: 653336
Ion Ratio Lower Upper
128 100
130 33.0 12.2 52.2
64 42.9 30.3 70.3

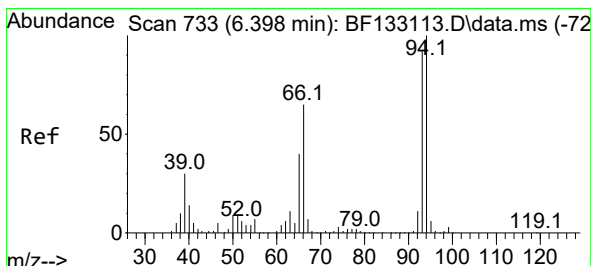
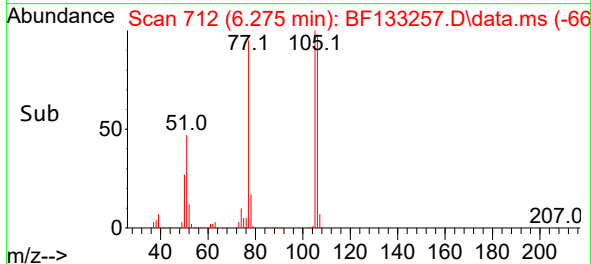
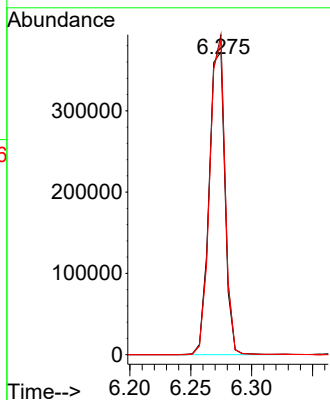
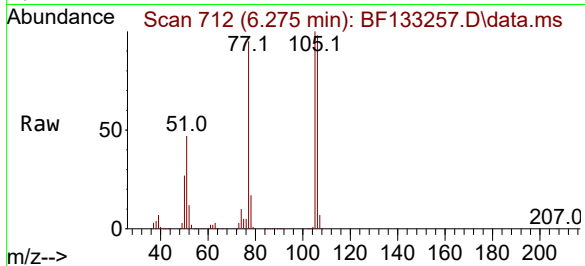




#9
Benzaldehyde
Concen: 46.614 ng
RT: 6.275 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF133257.D
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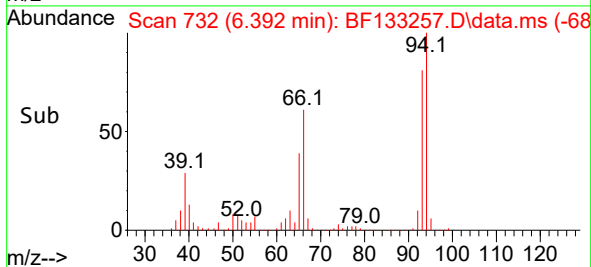
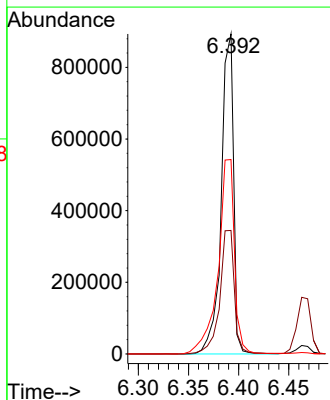
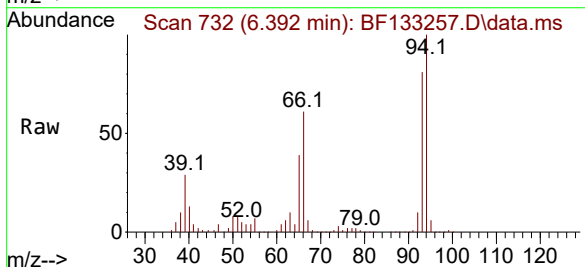
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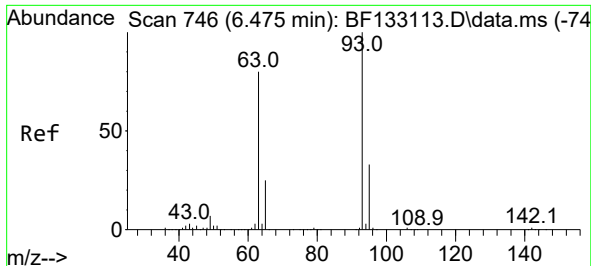
Tgt Ion: 77 Resp: 336885
Ion Ratio Lower Upper
77 100
105 105.7 82.3 122.3
106 103.7 80.8 120.8



#10
Phenol
Concen: 41.470 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.006 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion: 94 Resp: 758582
Ion Ratio Lower Upper
94 100
65 38.6 8.6 48.6
66 60.7 17.3 57.3#





#11

bis(2-Chloroethyl)ether

Concen: 45.128 ng

RT: 6.469 min Scan# 746

Delta R.T. -0.000 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152569BS

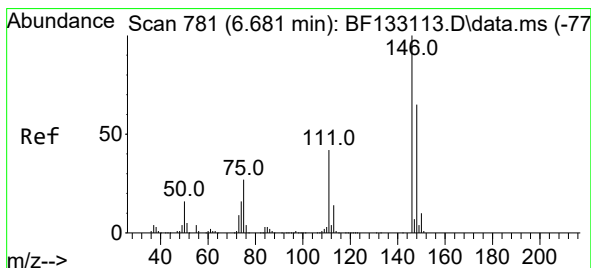
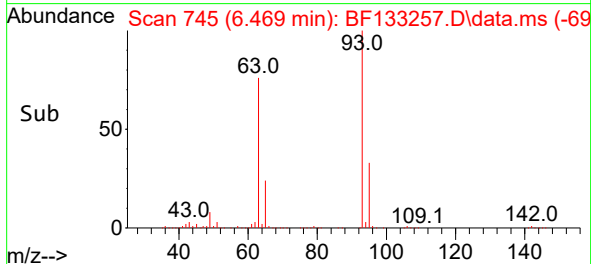
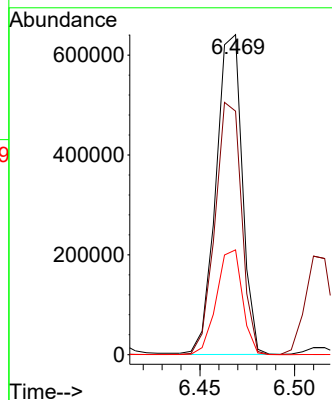
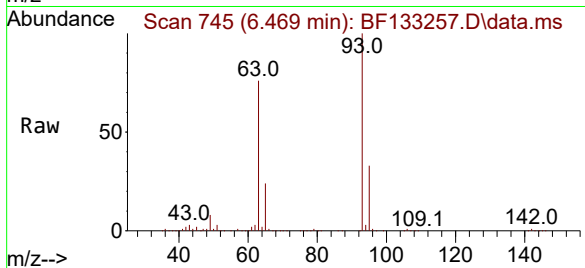
Tgt Ion: 93 Resp: 619450

Ion Ratio Lower Upper

93 100

63 76.1 60.6 100.6

95 32.8 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 46.539 ng

RT: 6.669 min Scan# 779

Delta R.T. -0.000 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

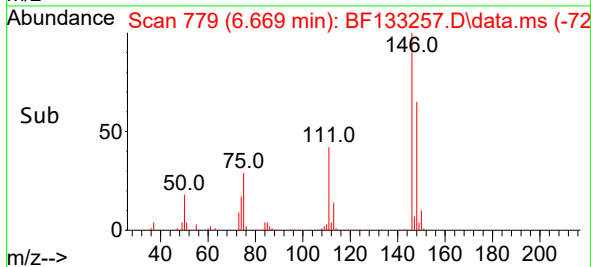
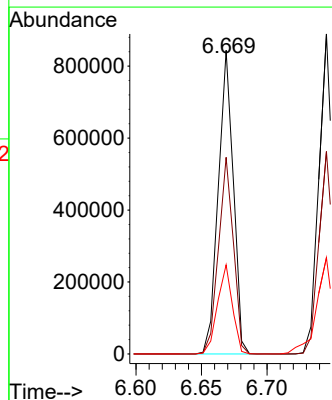
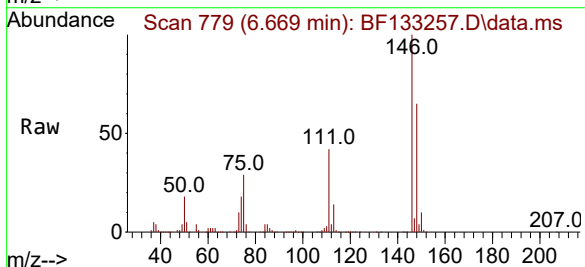
Tgt Ion: 146 Resp: 671129

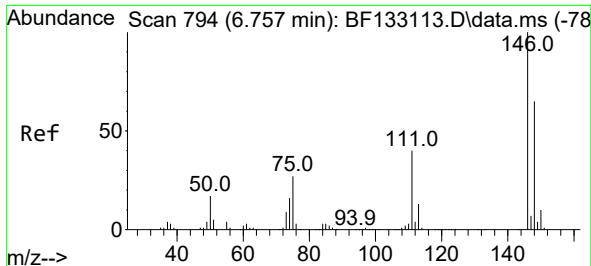
Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.4

75 29.3 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 46.402 ng

RT: 6.745 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152569BS

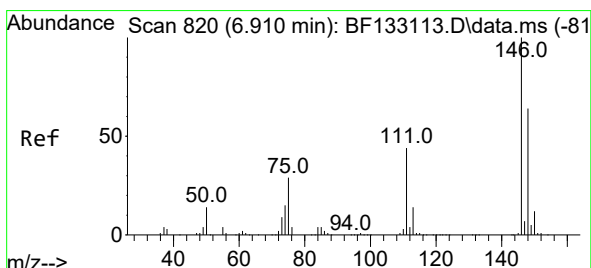
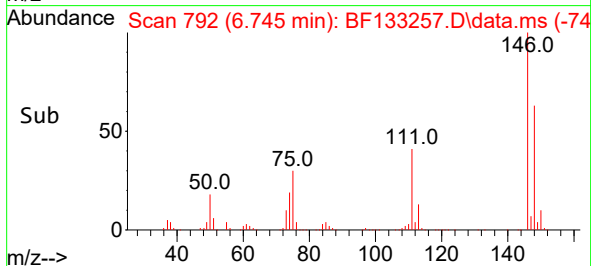
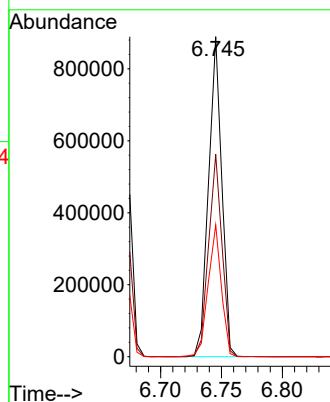
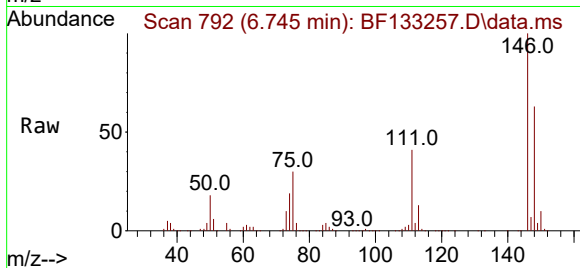
Tgt Ion:146 Resp: 670637

Ion Ratio Lower Upper

146 100

148 63.2 50.3 75.5

111 41.2 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 48.652 ng

RT: 6.898 min Scan# 818

Delta R.T. -0.000 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

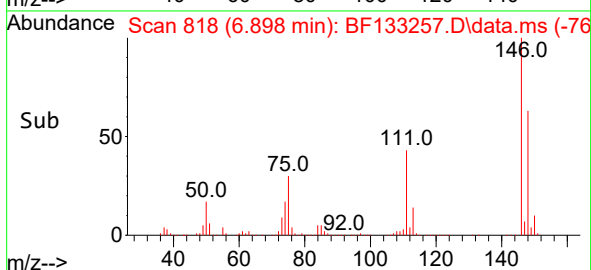
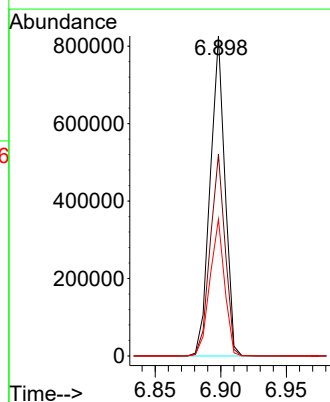
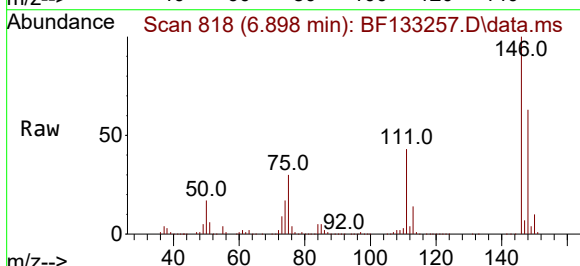
Tgt Ion:146 Resp: 648257

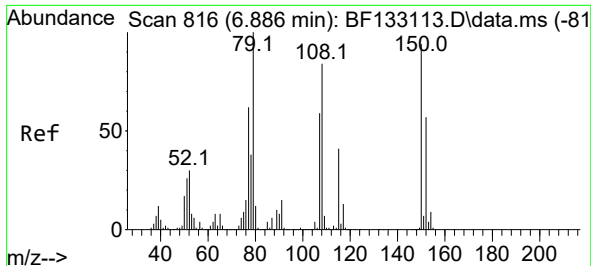
Ion Ratio Lower Upper

146 100

148 63.0 52.2 78.2

111 42.8 32.8 49.2

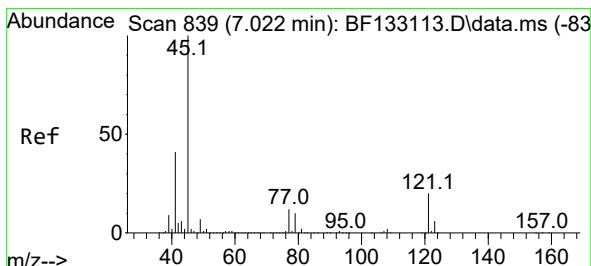
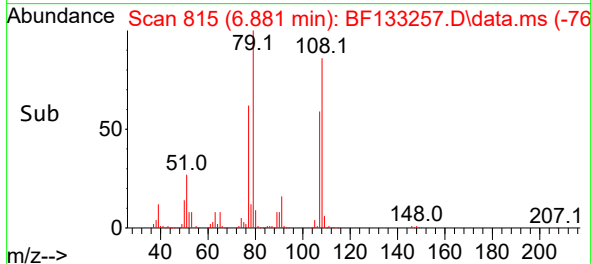
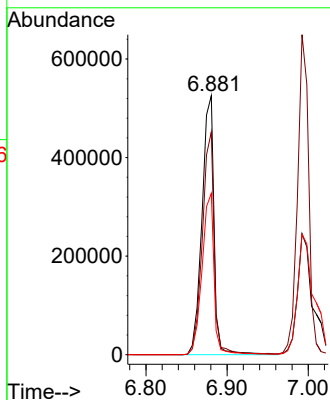
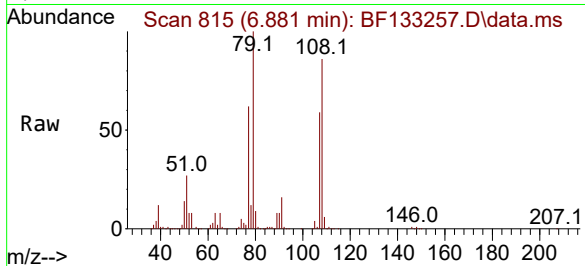




#15
Benzyl Alcohol
Concen: 47.307 ng
RT: 6.881 min Scan# 816
Delta R.T. 0.006 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

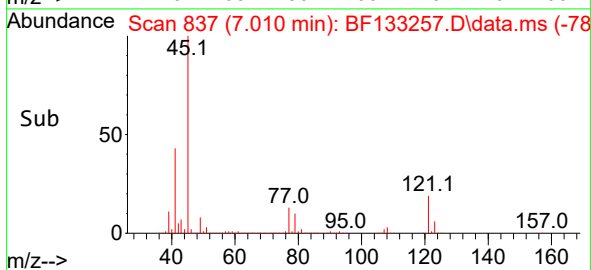
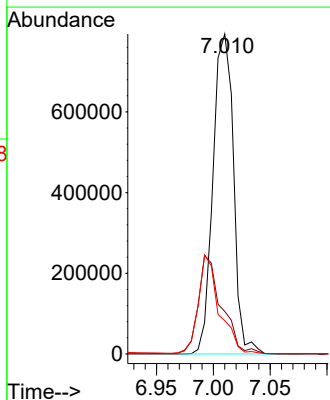
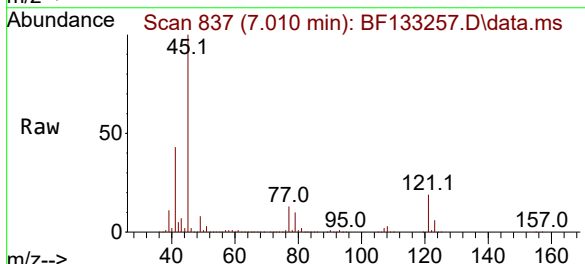
Instrument :
BNA_F
ClientSampleId :
PB152569BS

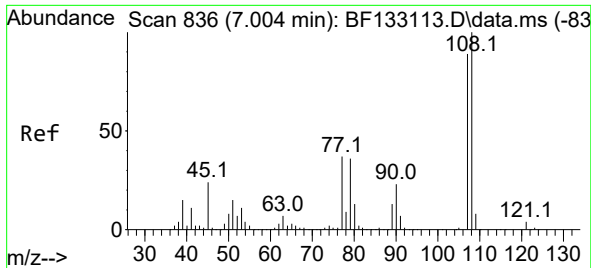
Tgt Ion: 79 Resp: 541843
Ion Ratio Lower Upper
79 100
108 86.0 66.6 99.8
77 62.3 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.741 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion: 45 Resp: 995154
Ion Ratio Lower Upper
45 100
77 13.3 0.0 31.5
79 10.4 0.0 28.7

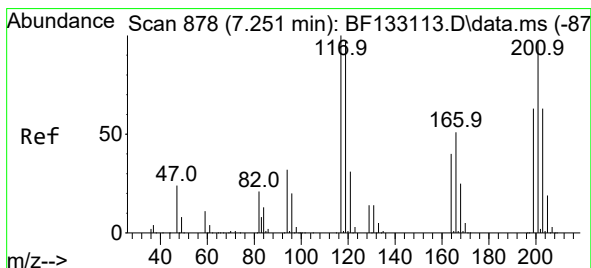
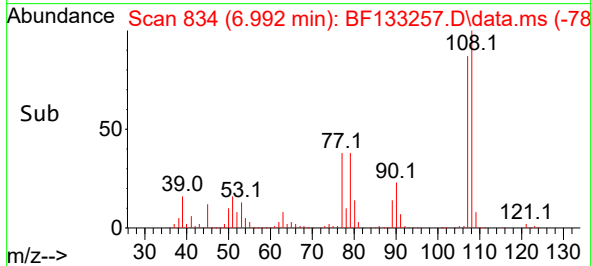
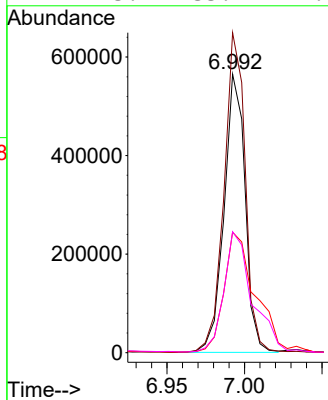
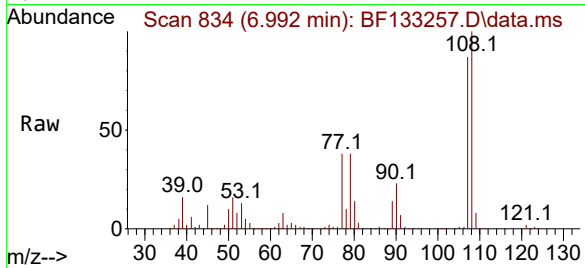




#17
2-Methylphenol
Concen: 42.782 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

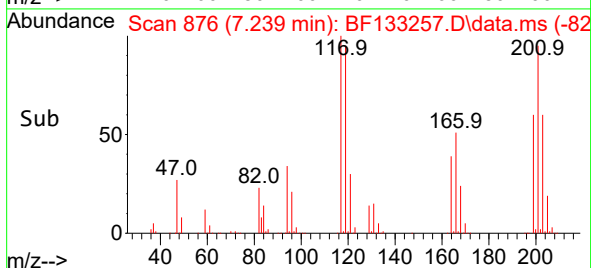
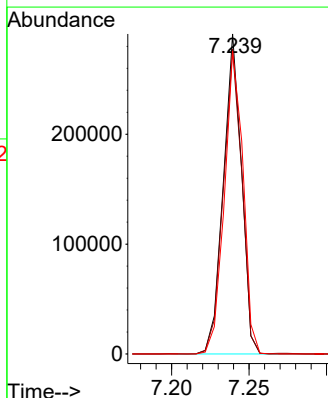
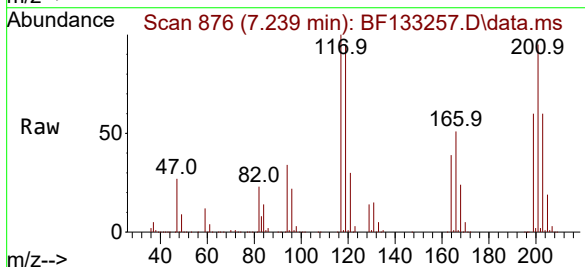
Instrument :
BNA_F
ClientSampleId :
PB152569BS

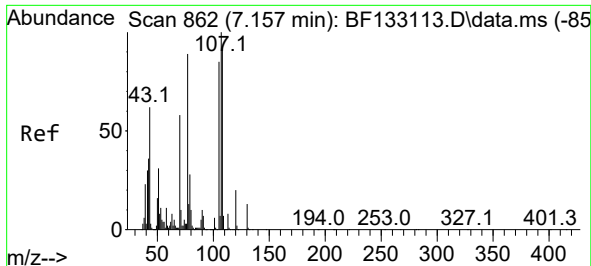
Tgt Ion:	107	Resp:	531348
Ion	Ratio	Lower	Upper
107	100		
108	114.9	92.4	138.6
77	43.3	33.8	50.8
79	43.4	33.1	49.7



#18
Hexachloroethane
Concen: 47.169 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion:	117	Resp:	237012
Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.2	117.4
201	94.6	81.7	122.5



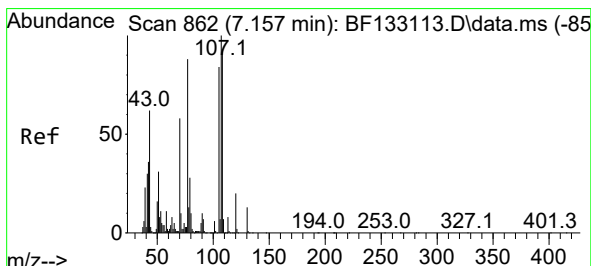
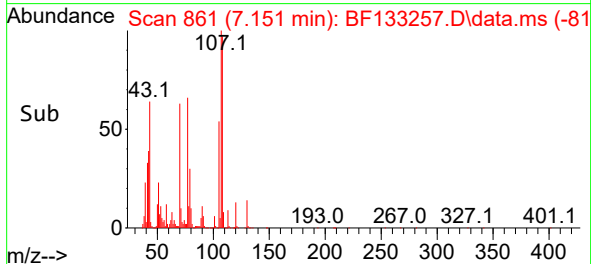
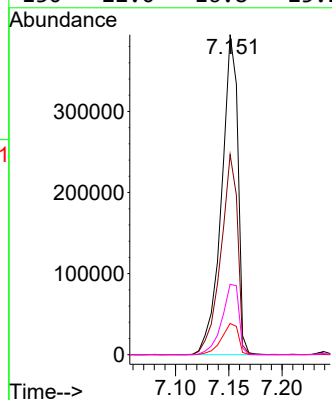
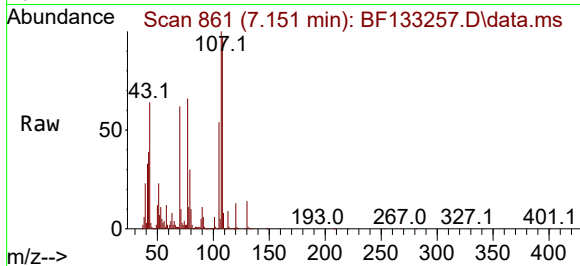


#19
n-Nitroso-di-n-propylamine
Concen: 40.771 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Instrument :
BNA_F
ClientSampleId :
PB152569BS

Tgt Ion: 70 Resp: 420864

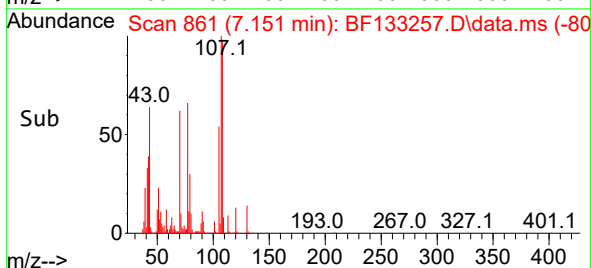
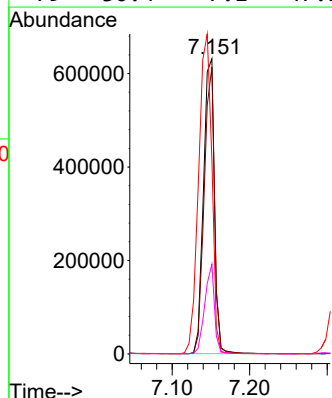
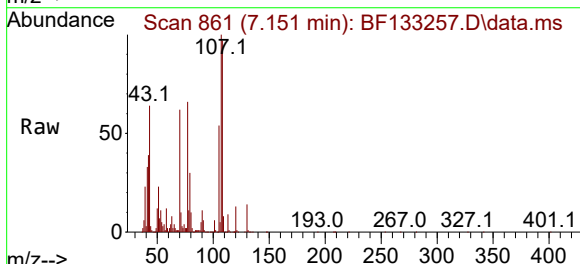
Ion	Ratio	Lower	Upper
70	100		
42	62.6	51.8	77.6
101	9.8	8.0	12.0
130	22.0	16.8	25.2

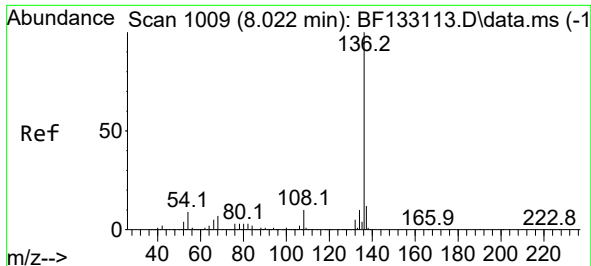


#20
3+4-Methylphenols
Concen: 42.211 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion: 107 Resp: 617399

Ion	Ratio	Lower	Upper
107	100		
108	97.1	70.5	110.5
77	65.9	91.7	131.7#
79	30.4	7.1	47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.000 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152569BS

Tgt Ion:136 Resp: 858564

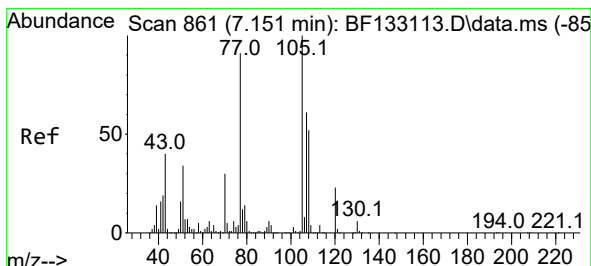
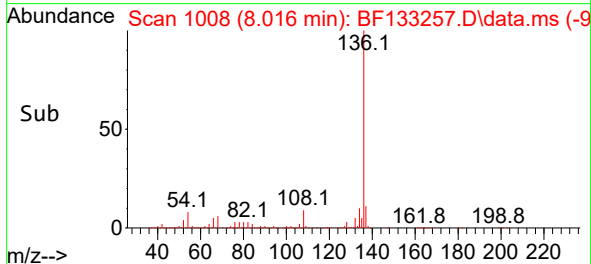
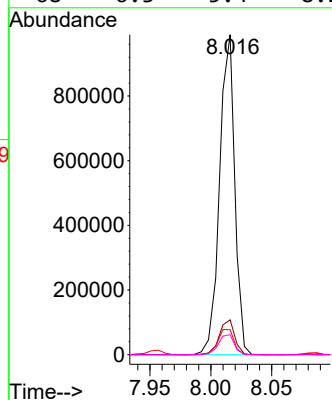
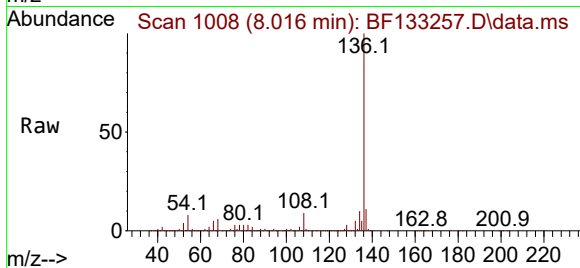
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 7.8 7.0 10.4

68 6.3 5.4 8.2



#22

Acetophenone

Concen: 43.368 ng

RT: 7.139 min Scan# 859

Delta R.T. -0.006 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

Tgt Ion:105 Resp: 862511

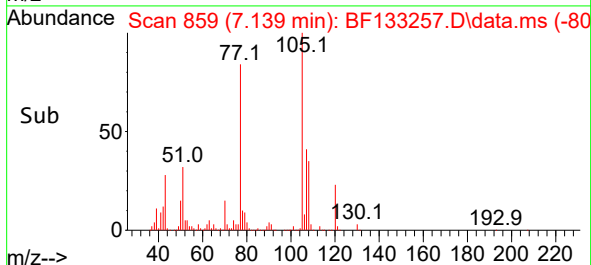
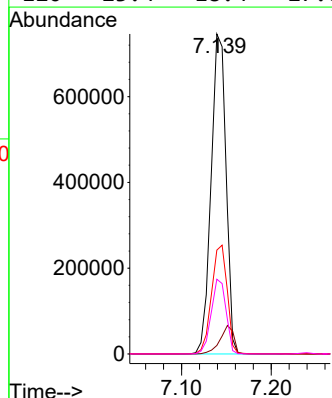
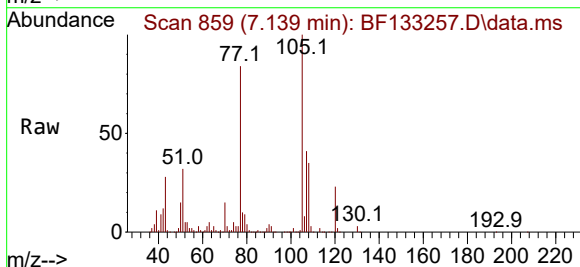
Ion Ratio Lower Upper

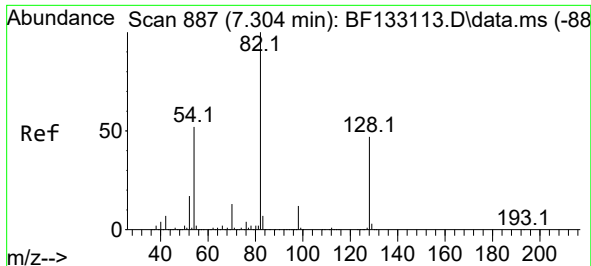
105 100

71 2.7 4.6 7.0#

51 32.5 28.2 42.2

120 23.4 18.4 27.6





#23

Nitrobenzene-d5

Concen: 82.977 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152569BS

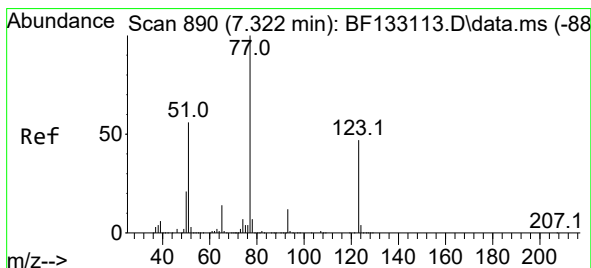
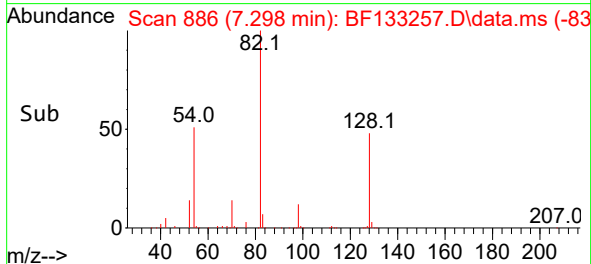
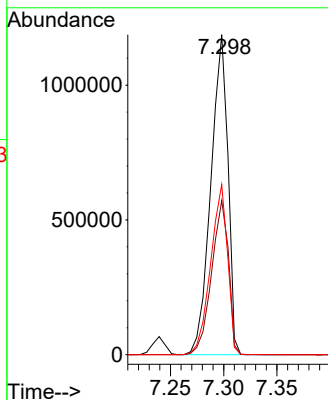
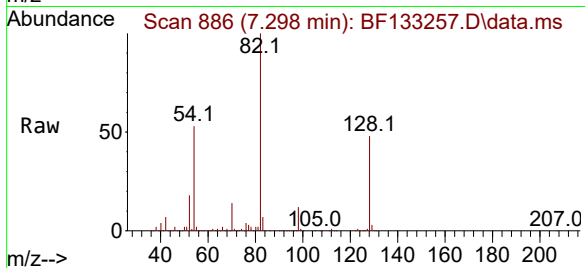
Tgt Ion: 82 Resp: 1319844

Ion Ratio Lower Upper

82 100

128 48.1 37.7 56.5

54 53.2 43.0 64.4



#24

Nitrobenzene

Concen: 41.077 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

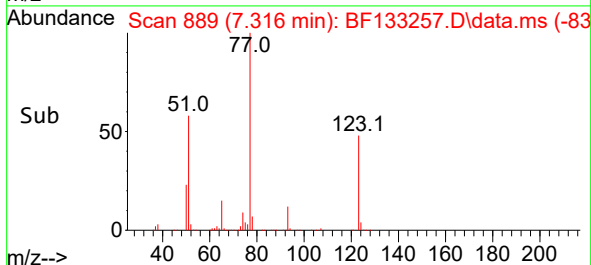
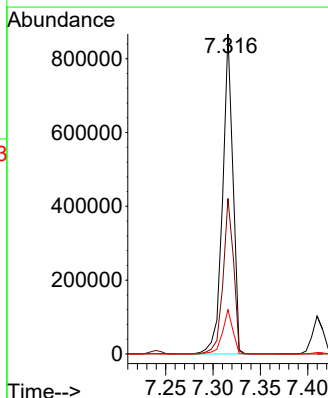
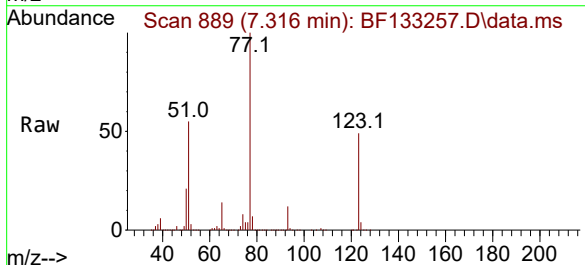
Tgt Ion: 77 Resp: 662090

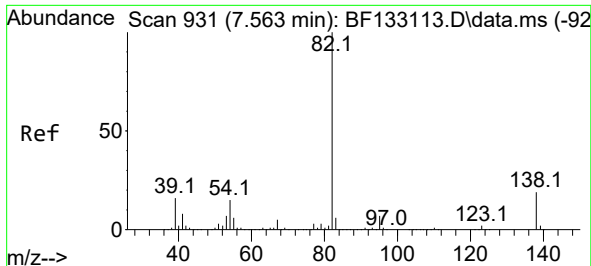
Ion Ratio Lower Upper

77 100

123 48.6 39.9 59.9

65 13.8 10.7 16.1

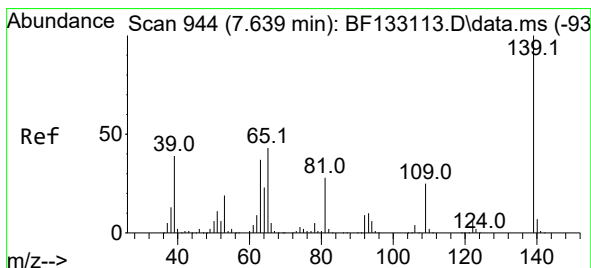
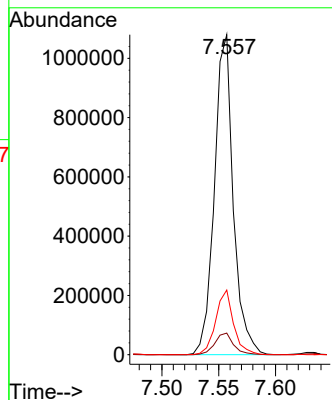
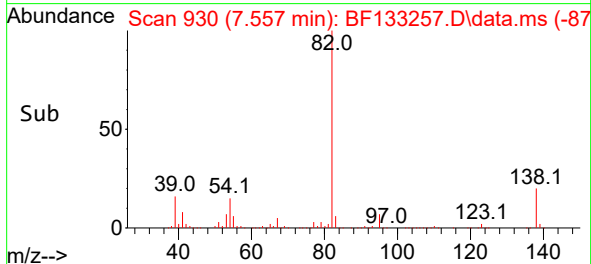
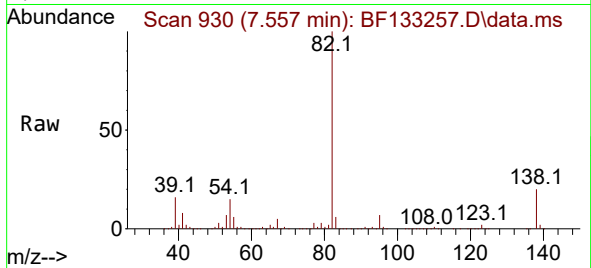




#25
Isophorone
Concen: 41.272 ng
RT: 7.557 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

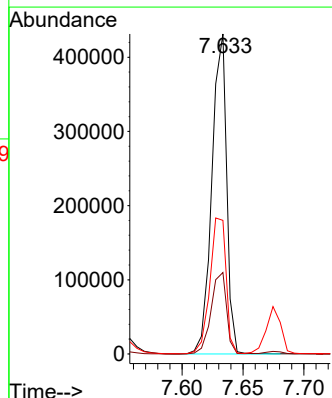
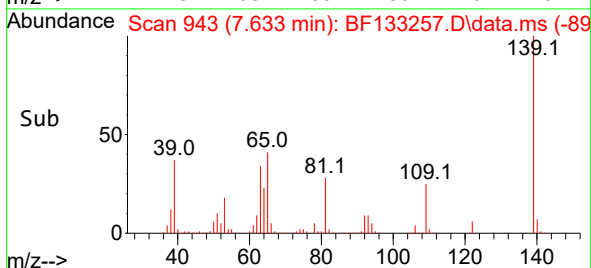
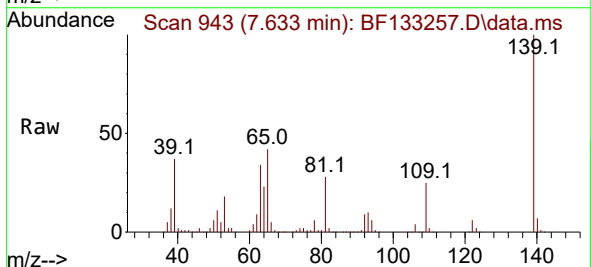
Instrument :
BNA_F
ClientSampleId :
PB152569BS

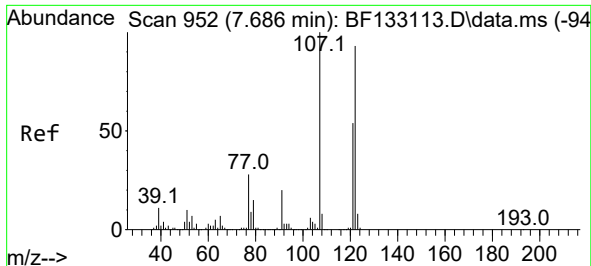
Tgt Ion: 82 Resp: 1246416
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 20.2 16.0 24.0



#26
2-Nitrophenol
Concen: 46.854 ng
RT: 7.633 min Scan# 943
Delta R.T. 0.006 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion: 139 Resp: 364251
Ion Ratio Lower Upper
139 100
109 25.5 21.6 32.4
65 41.8 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 43.757 ng

RT: 7.675 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152569BS

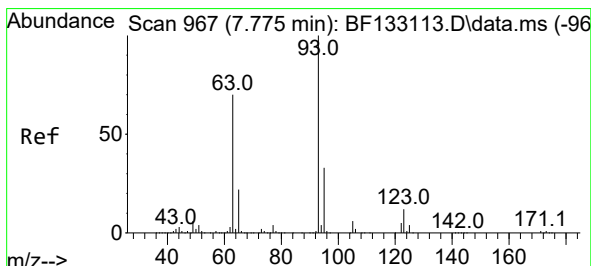
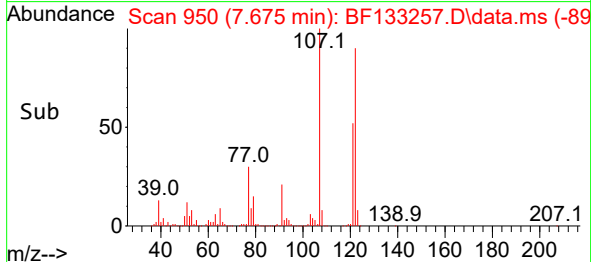
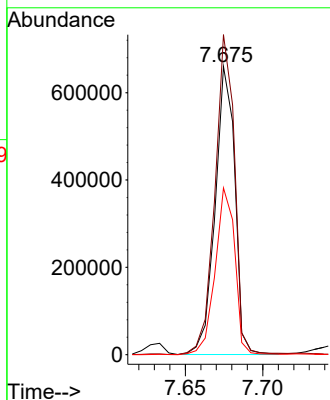
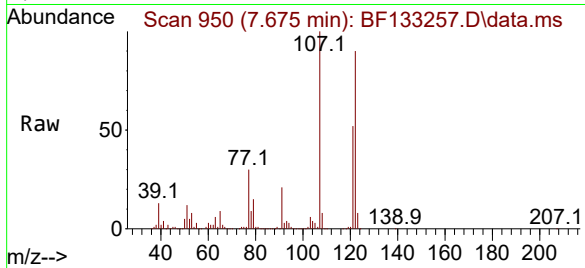
Tgt Ion:122 Resp: 583305

Ion Ratio Lower Upper

122 100

107 111.1 89.7 134.5

121 57.9 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.641 ng

RT: 7.769 min Scan# 966

Delta R.T. -0.000 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

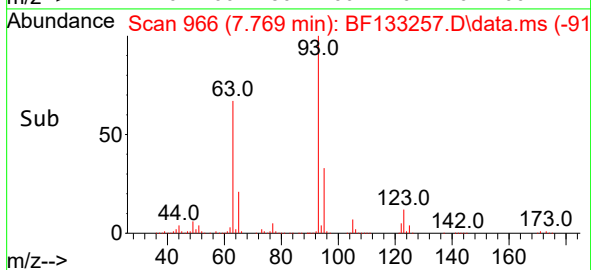
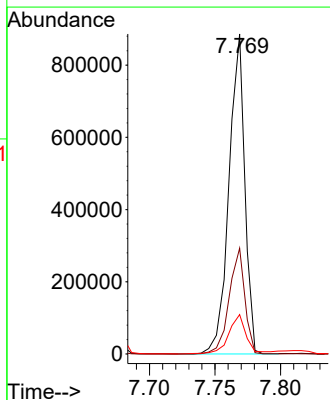
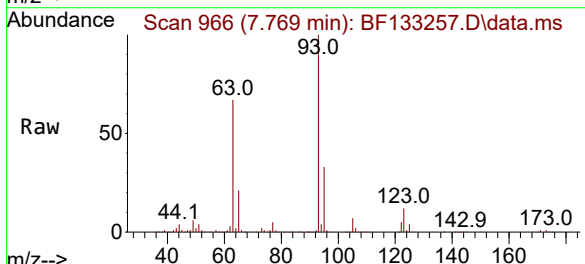
Tgt Ion: 93 Resp: 743961

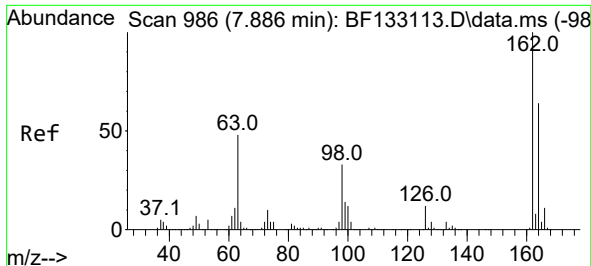
Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

123 12.3 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 44.244 ng

RT: 7.875 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152569BS

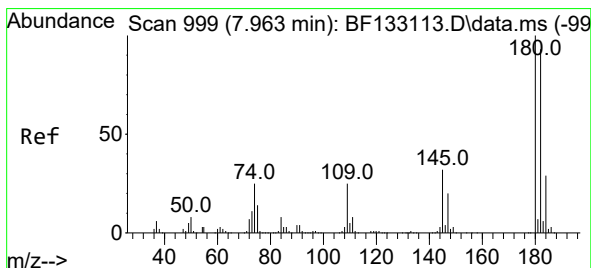
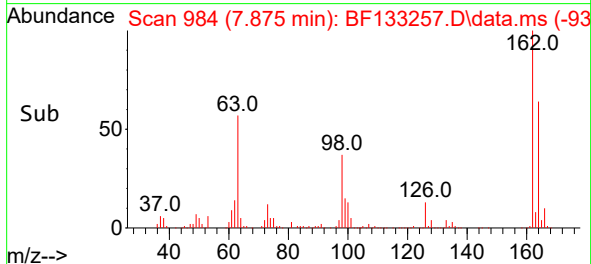
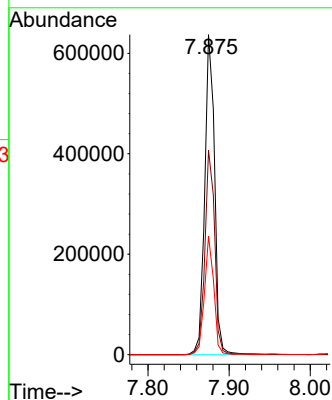
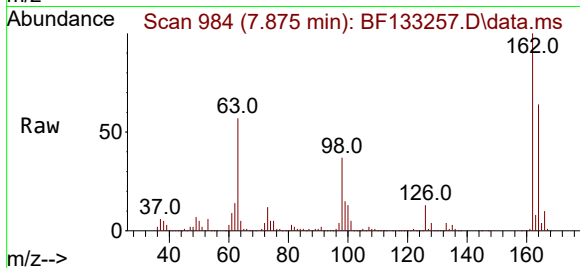
Tgt Ion:162 Resp: 536923

Ion Ratio Lower Upper

162 100

164 63.9 43.9 83.9

98 37.1 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 43.987 ng

RT: 7.957 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

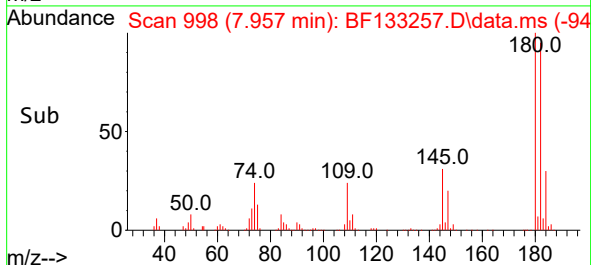
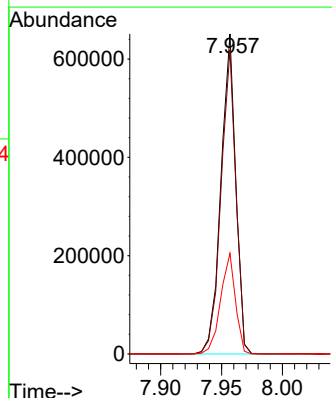
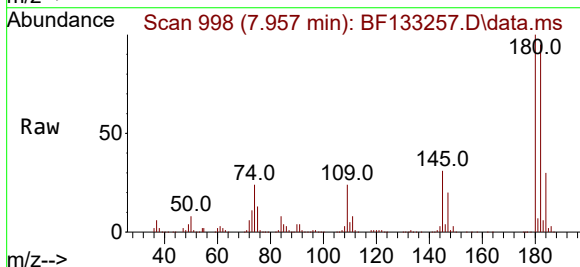
Tgt Ion:180 Resp: 553012

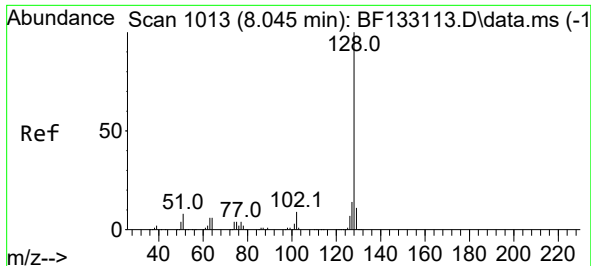
Ion Ratio Lower Upper

180 100

182 95.1 75.9 113.9

145 31.5 25.3 37.9





#31

Naphthalene

Concen: 42.428 ng

RT: 8.039 min Scan# 1013

Delta R.T. 0.006 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152569BS

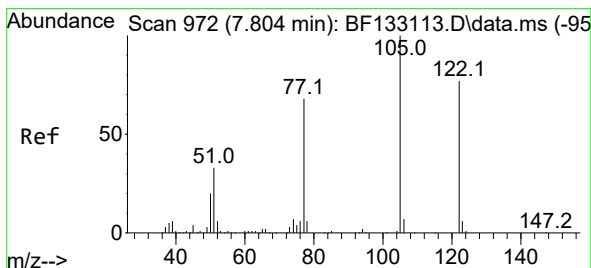
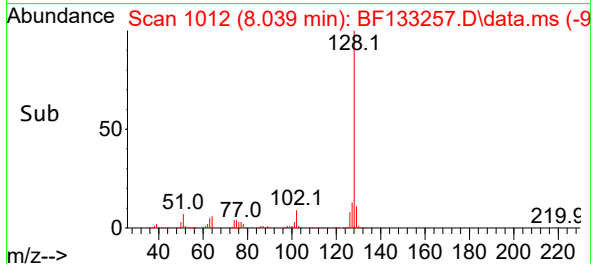
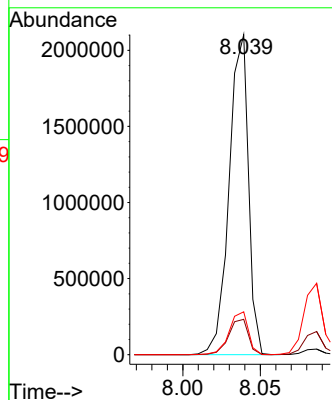
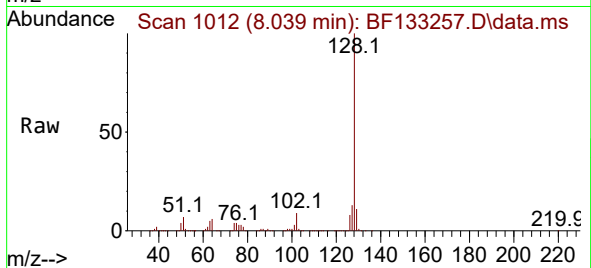
Tgt Ion:128 Resp: 1821251

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 13.4 10.7 16.1



#32

Benzoic acid

Concen: 48.808 ng

RT: 7.816 min Scan# 974

Delta R.T. 0.018 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

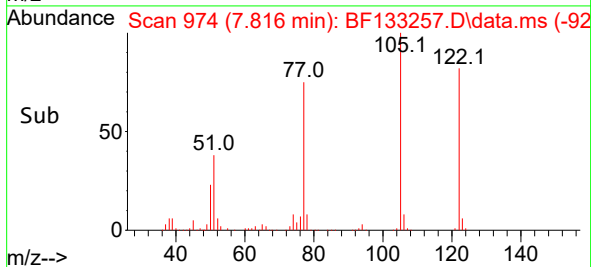
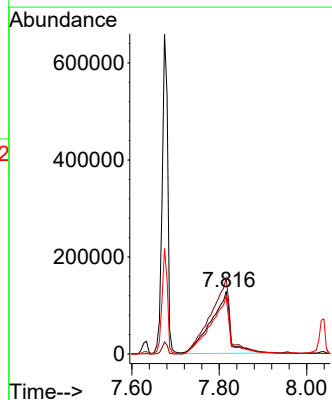
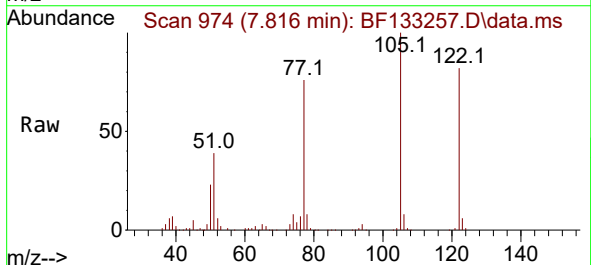
Tgt Ion:122 Resp: 401894

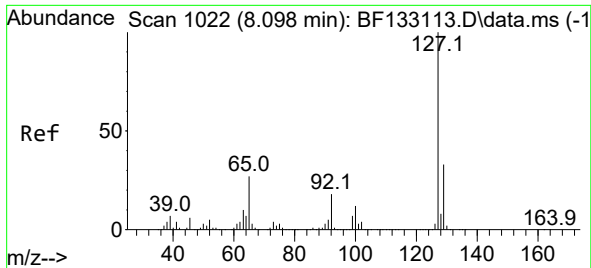
Ion Ratio Lower Upper

122 100

105 122.2 104.2 144.2

77 92.5 69.7 109.7

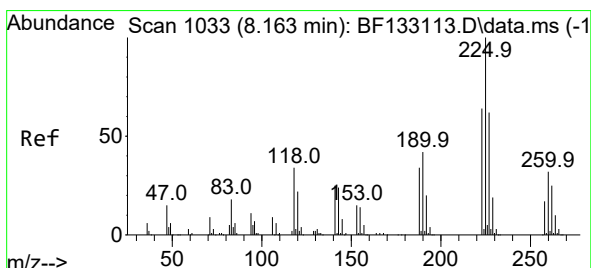
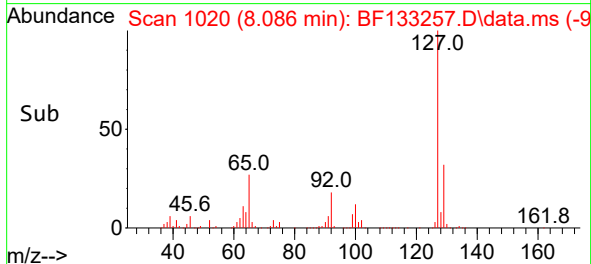
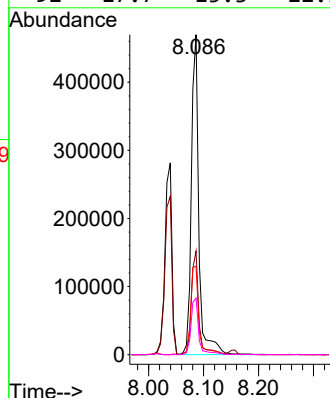
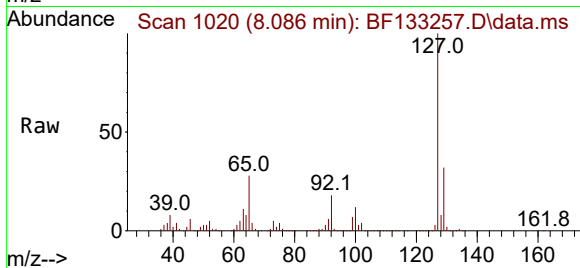




#33
4-Chloroaniline
Concen: 25.451 ng
RT: 8.086 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

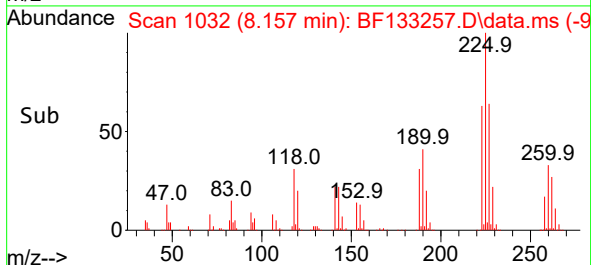
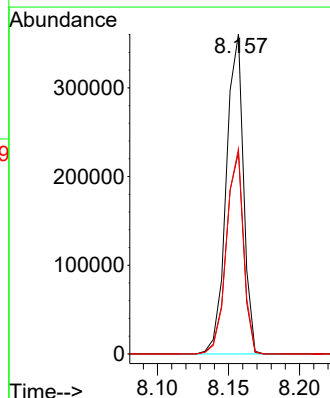
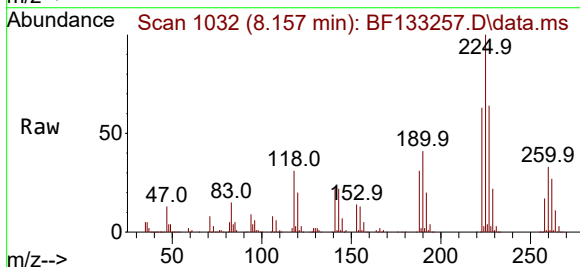
Instrument :
BNA_F
ClientSampleId :
PB152569BS

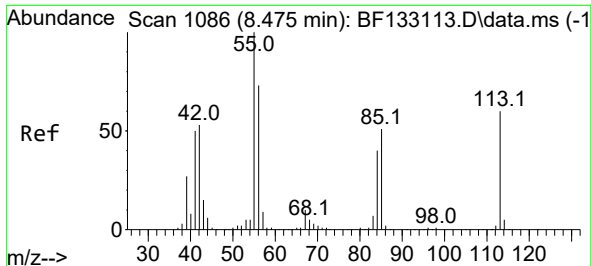
Tgt Ion:	127	Resp:	441406
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.8
65	27.7	23.6	35.4
92	17.7	15.3	22.9



#34
Hexachlorobutadiene
Concen: 43.511 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion:	225	Resp:	303189
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.9	76.3
227	64.1	50.3	75.5

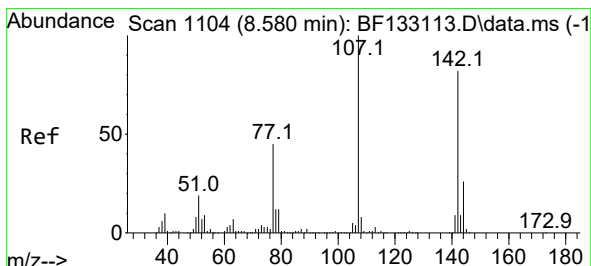
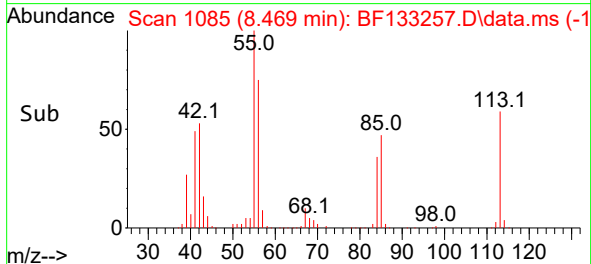
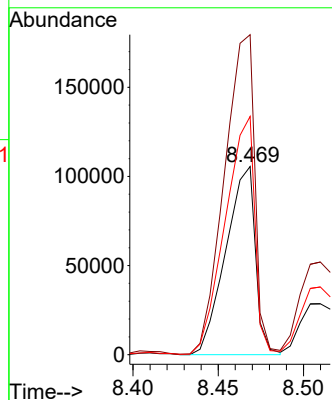
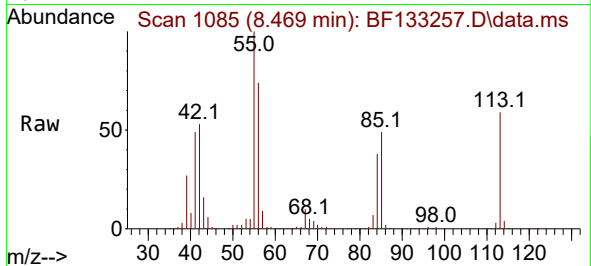




#35
Caprolactam
Concen: 31.211 ng
RT: 8.469 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

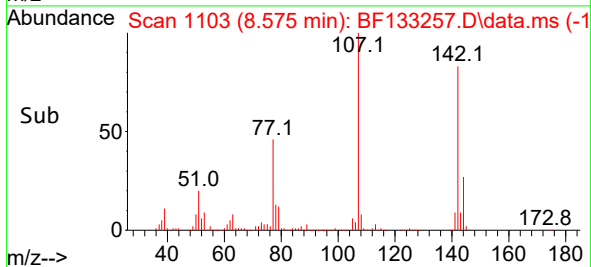
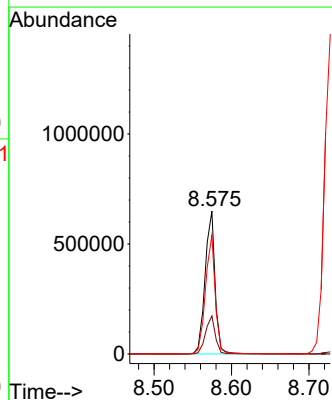
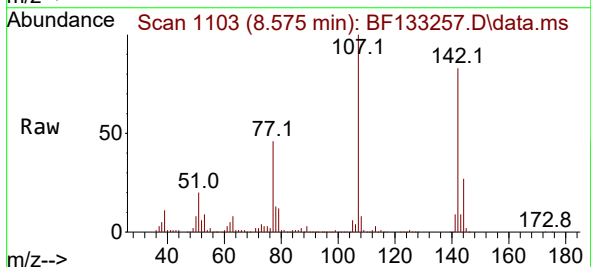
Instrument :
BNA_F
ClientSampleId :
PB152569BS

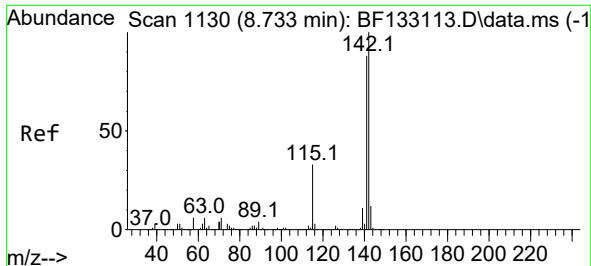
Tgt Ion:113 Resp: 127242
Ion Ratio Lower Upper
113 100
55 170.1 167.1 207.1
56 126.7 114.5 154.5



#36
4-Chloro-3-methylphenol
Concen: 44.344 ng
RT: 8.575 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion:107 Resp: 580317
Ion Ratio Lower Upper
107 100
144 26.7 20.6 30.8
142 83.2 62.8 94.2

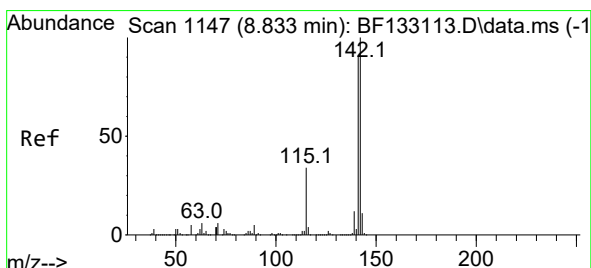
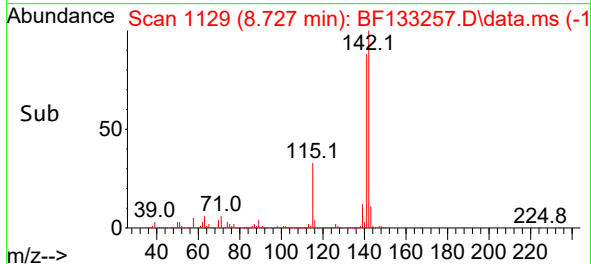
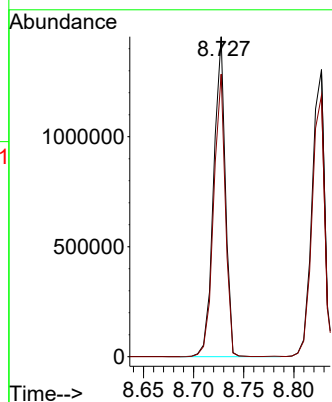
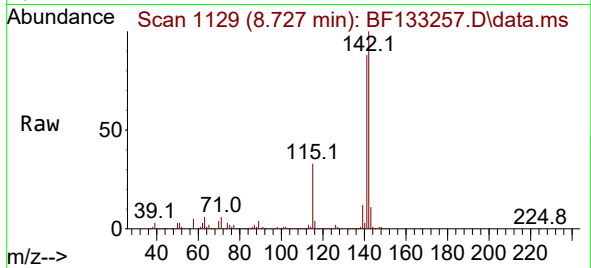




#37
2-Methylnaphthalene
Concen: 40.423 ng
RT: 8.727 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

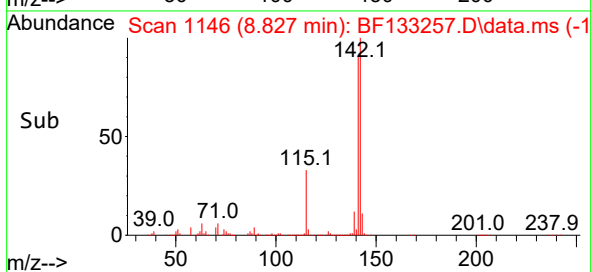
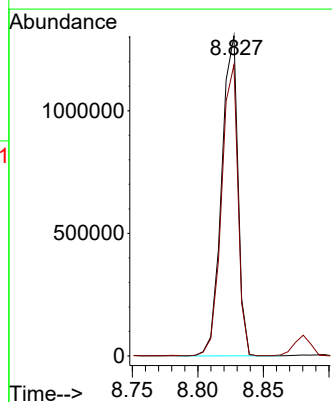
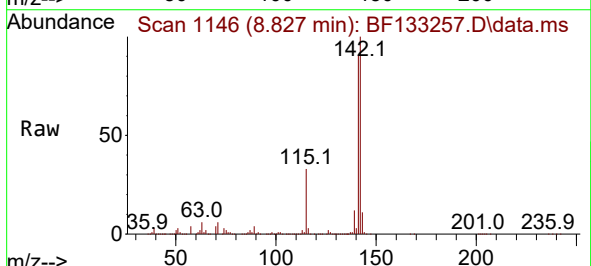
Instrument :
BNA_F
ClientSampleId :
PB152569BS

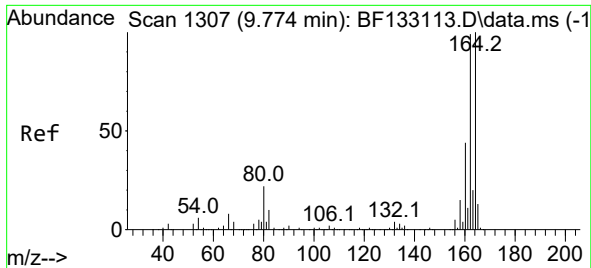
Tgt Ion:142 Resp: 1186303
Ion Ratio Lower Upper
142 100
141 88.3 69.4 104.0



#38
1-Methylnaphthalene
Concen: 41.145 ng
RT: 8.827 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion:142 Resp: 1129580
Ion Ratio Lower Upper
142 100
141 91.0 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1157

Delta R.T. 0.006 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152569BS

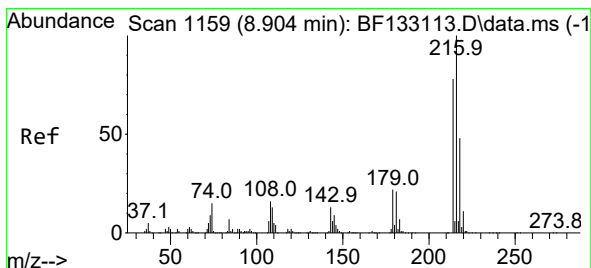
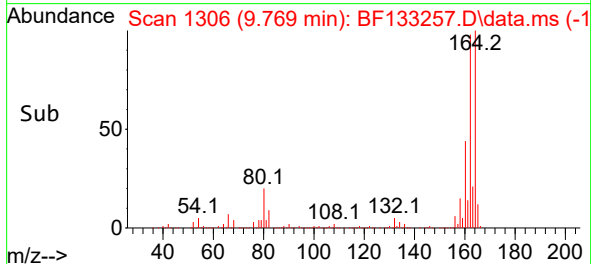
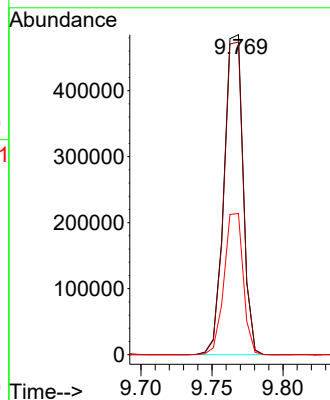
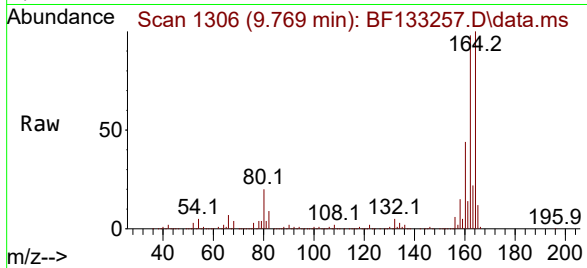
Tgt Ion:164 Resp: 452188

Ion Ratio Lower Upper

164 100

162 97.7 78.7 118.1

160 44.1 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.791 ng

RT: 8.892 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

Tgt Ion:216 Resp: 495945

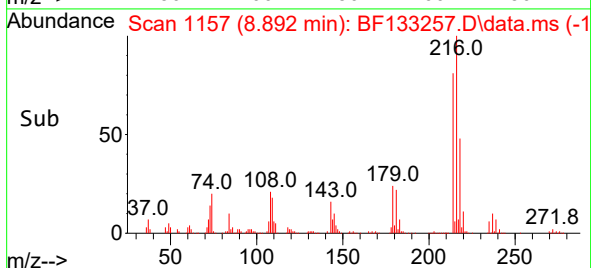
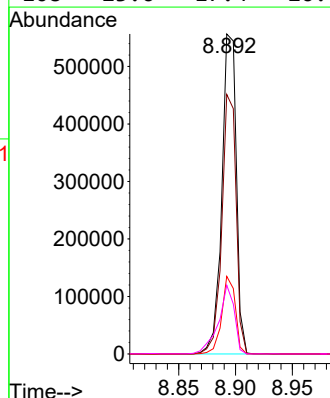
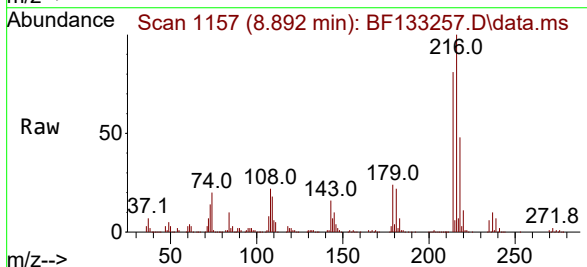
Ion Ratio Lower Upper

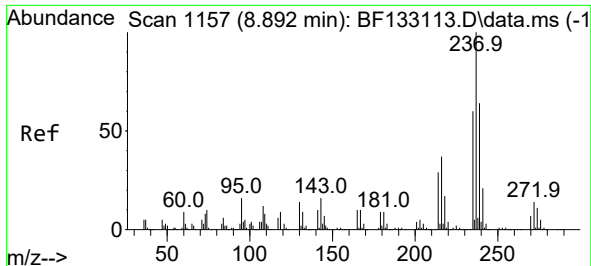
216 100

214 79.8 63.5 95.3

179 22.6 17.4 26.2

108 23.6 17.4 26.0

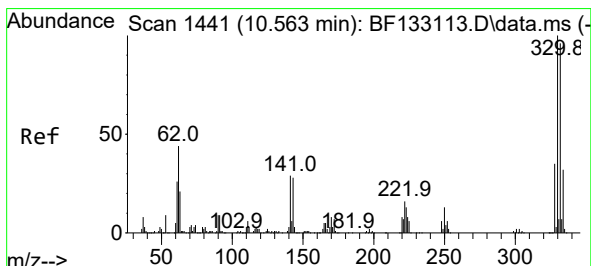
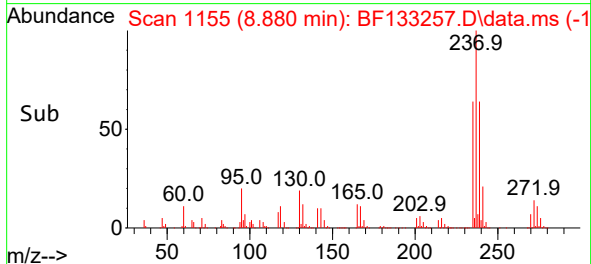
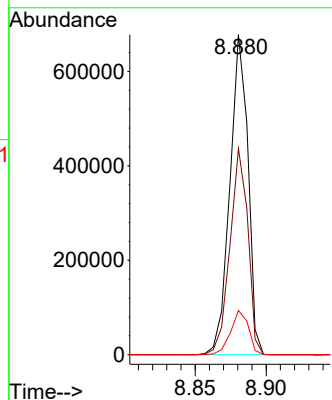
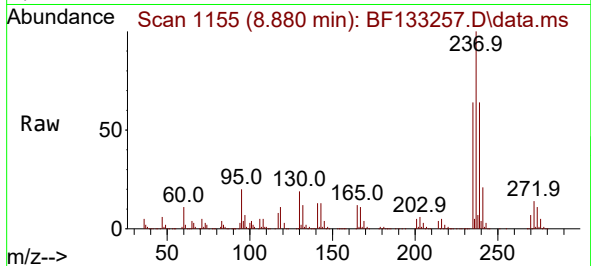




#41
Hexachlorocyclopentadiene
Concen: 84.704 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

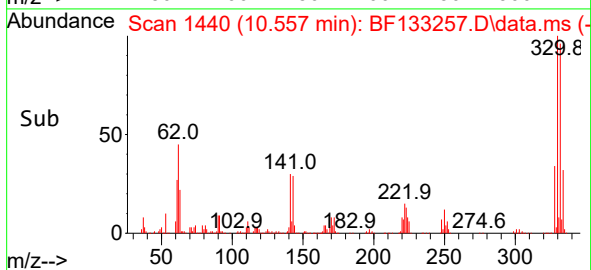
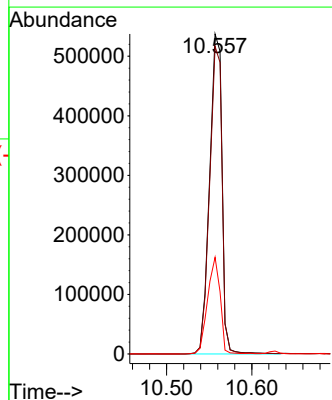
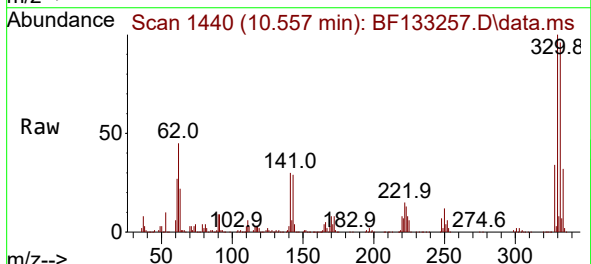
Instrument :
BNA_F
ClientSampleId :
PB152569BS

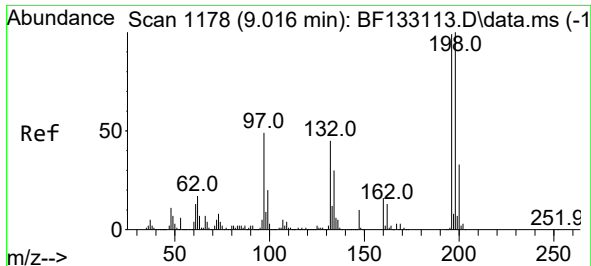
Tgt Ion:237 Resp: 600607
Ion Ratio Lower Upper
237 100
235 64.4 43.5 83.5
272 13.8 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 119.918 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion:330 Resp: 545339
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 30.6 25.8 38.8

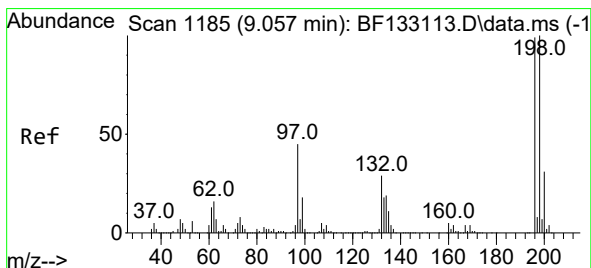
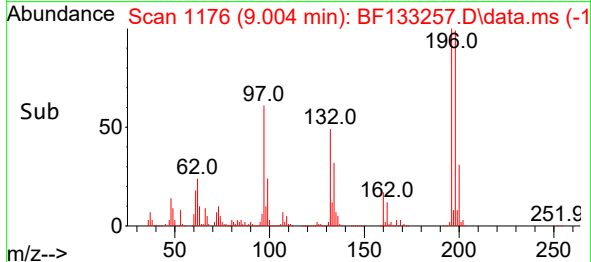
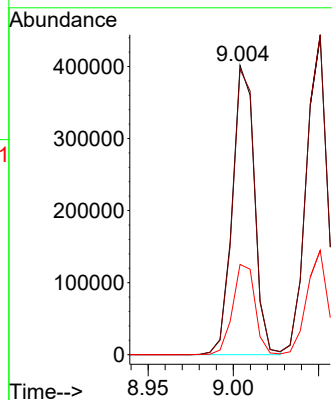
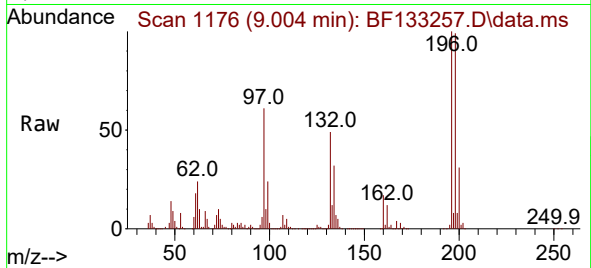




#43
2,4,6-Trichlorophenol
Concen: 43.117 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

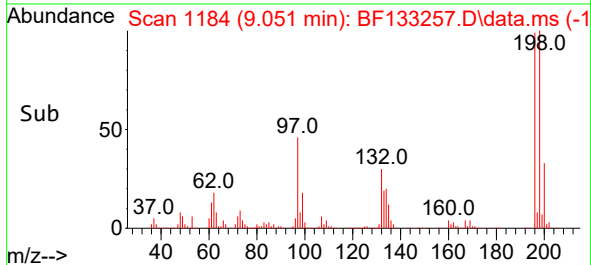
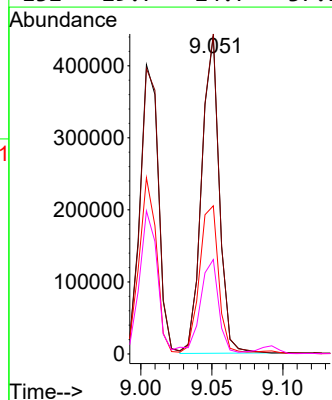
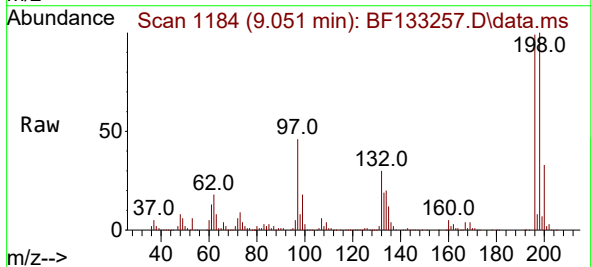
Instrument :
BNA_F
ClientSampleId :
PB152569BS

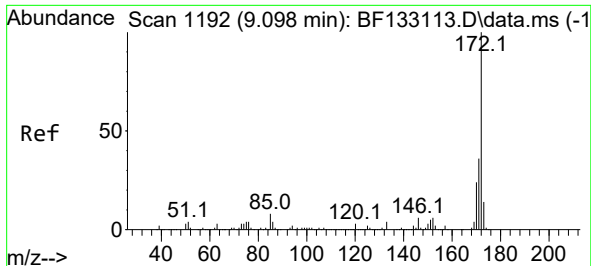
Tgt Ion:196 Resp: 362537
Ion Ratio Lower Upper
196 100
198 98.7 81.0 121.6
200 31.2 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 39.203 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion:196 Resp: 381224
Ion Ratio Lower Upper
196 100
198 100.6 80.9 121.3
97 46.6 41.3 61.9
132 29.7 24.7 37.1

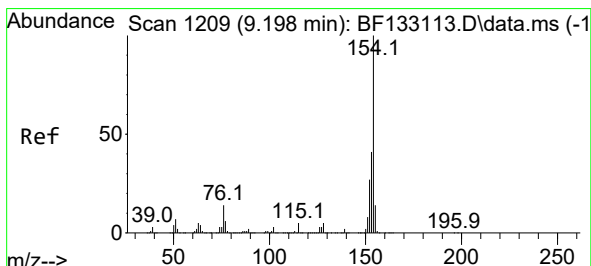
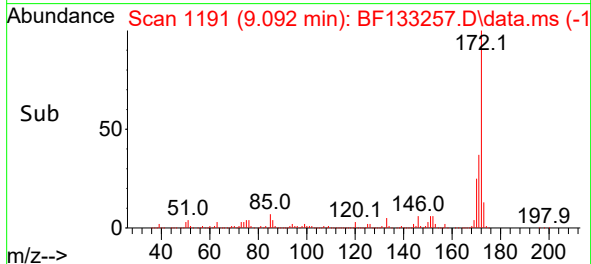
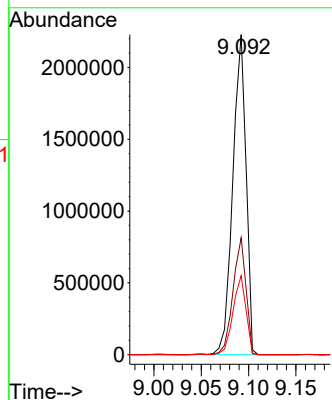
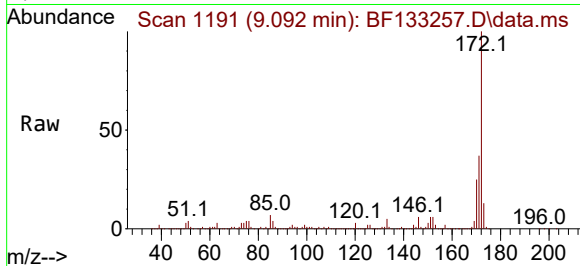




#45
2-Fluorobiphenyl
Concen: 80.137 ng
RT: 9.092 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

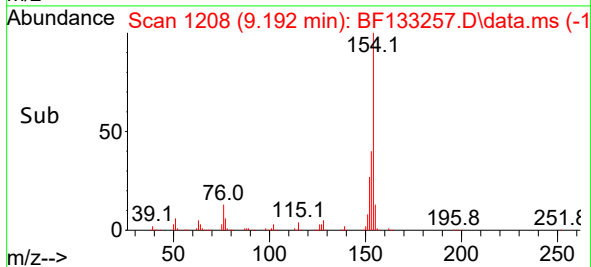
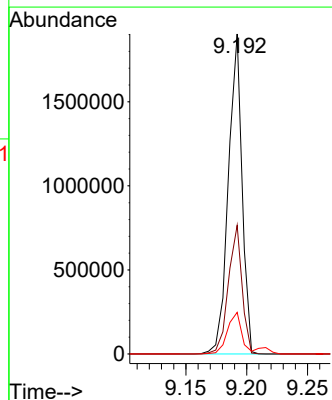
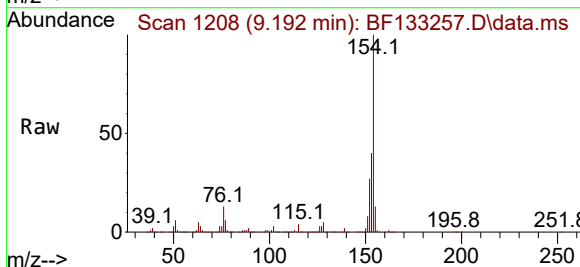
Instrument :
BNA_F
ClientSampleId :
PB152569BS

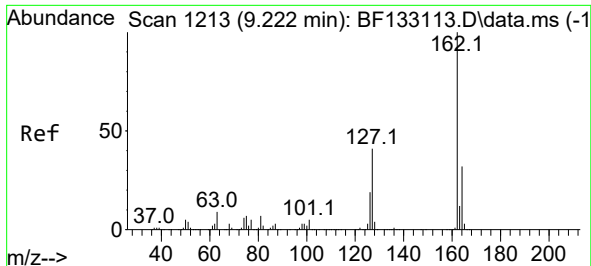
Tgt Ion:172 Resp: 2165982
Ion Ratio Lower Upper
172 100
171 36.6 28.8 43.2
170 24.7 19.4 29.2



#46
1,1'-Biphenyl
Concen: 41.450 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion:154 Resp: 1486249
Ion Ratio Lower Upper
154 100
153 40.2 21.0 61.0
76 13.0 0.0 34.5

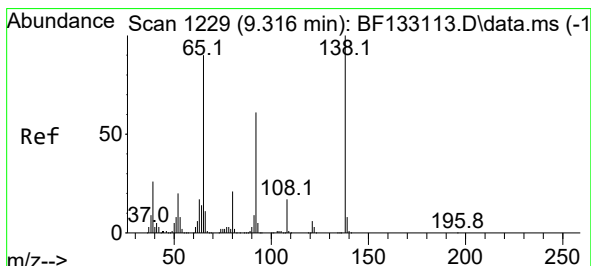
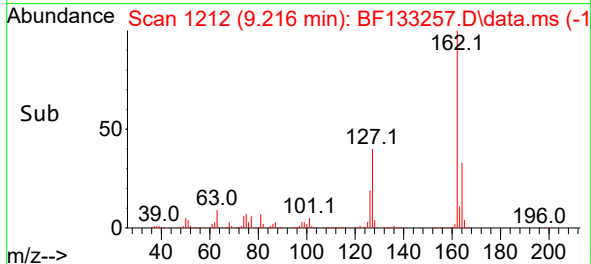
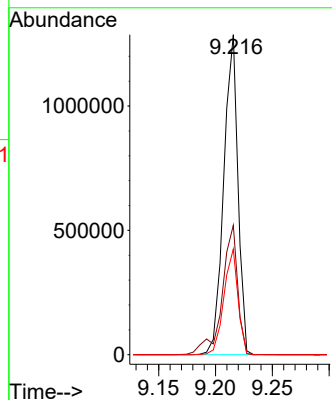
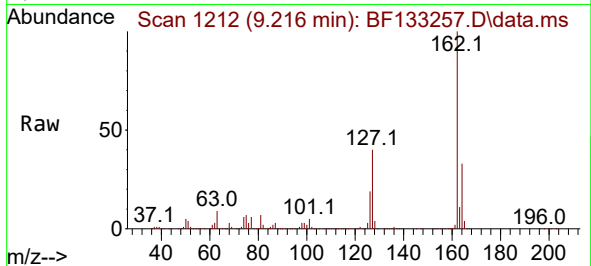




#47
2-Chloronaphthalene
Concen: 42.724 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

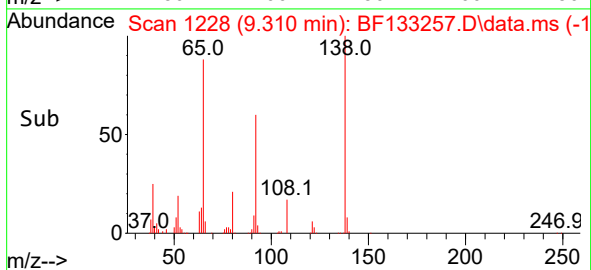
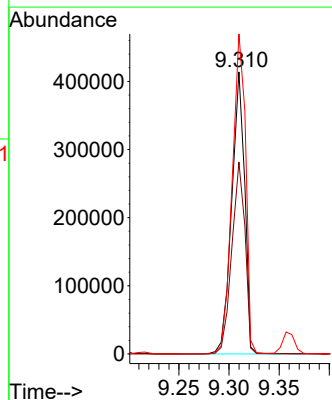
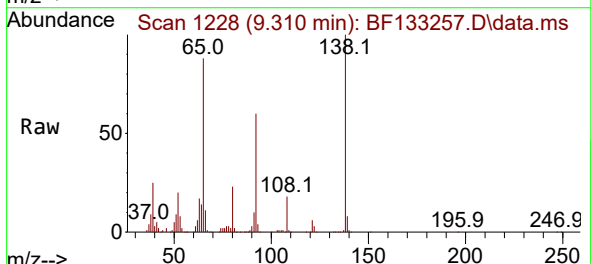
Instrument :
BNA_F
ClientSampleId :
PB152569BS

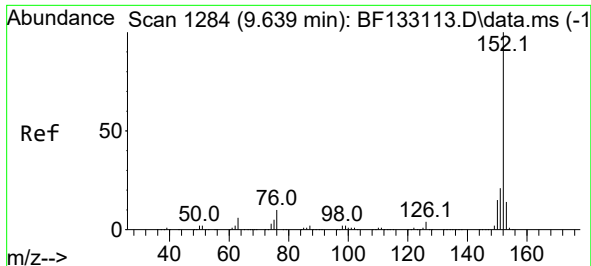
Tgt Ion:162 Resp: 1121277
Ion Ratio Lower Upper
162 100
127 40.5 32.3 48.5
164 33.0 26.8 40.2



#48
2-Nitroaniline
Concen: 42.938 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion: 65 Resp: 372433
Ion Ratio Lower Upper
65 100
92 68.0 55.4 83.0
138 113.5 98.2 147.2





#49

Acenaphthylene

Concen: 41.553 ng

RT: 9.627 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152569BS

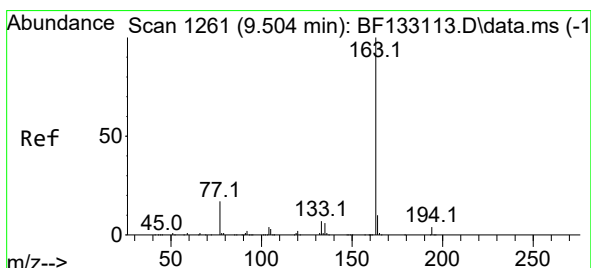
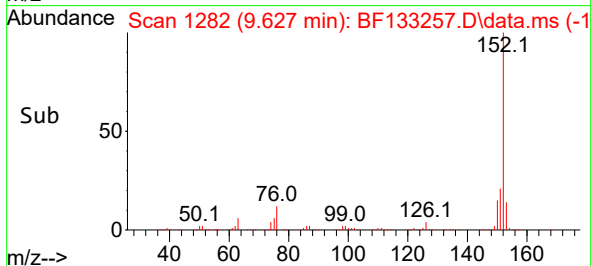
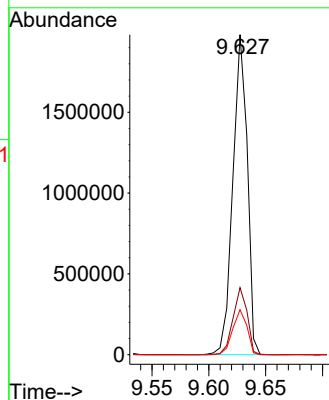
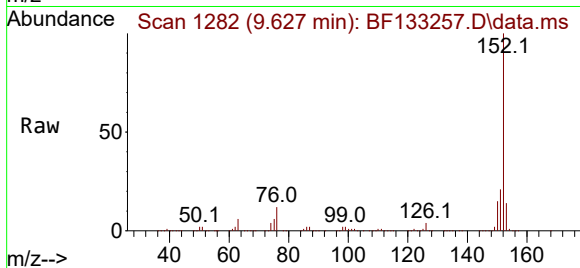
Tgt Ion:152 Resp: 1742538

Ion Ratio Lower Upper

152 100

151 20.9 16.6 24.8

153 14.0 11.5 17.3



#50

Dimethylphthalate

Concen: 41.894 ng

RT: 9.498 min Scan# 1260

Delta R.T. 0.006 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

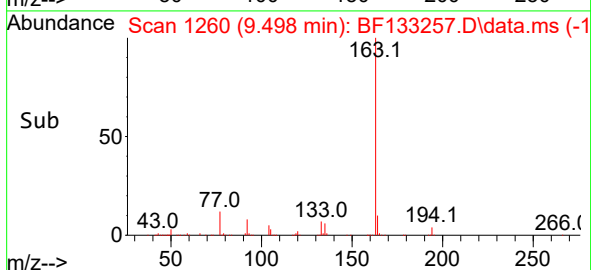
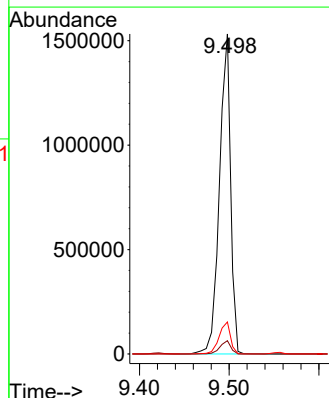
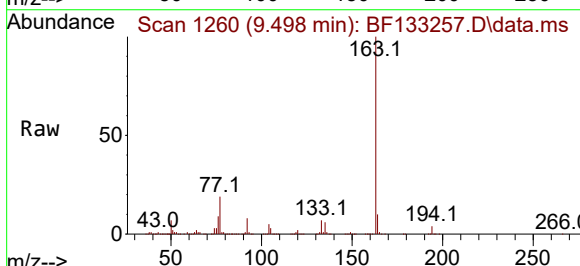
Tgt Ion:163 Resp: 1320934

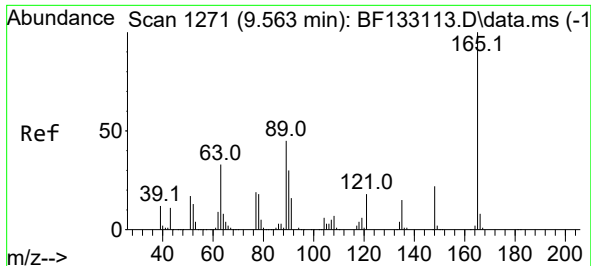
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.0 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 43.831 ng

RT: 9.557 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152569BS

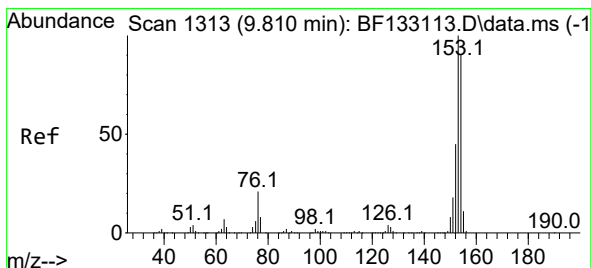
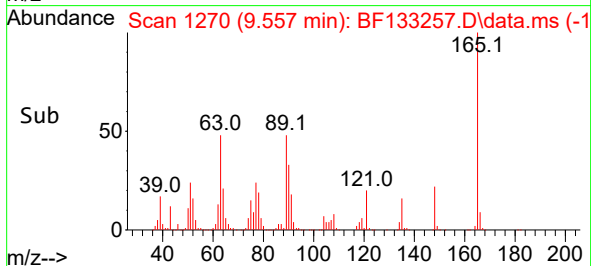
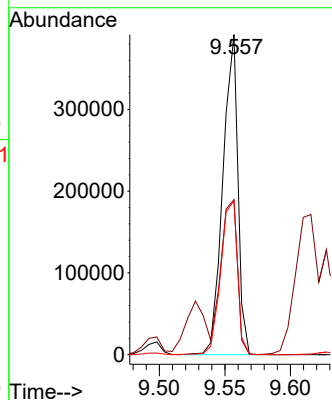
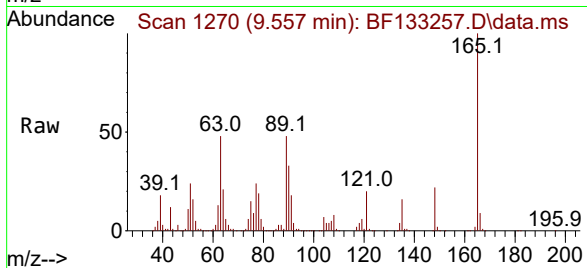
Tgt Ion:165 Resp: 311051

Ion Ratio Lower Upper

165 100

63 48.4 45.9 68.9

89 48.1 44.0 66.0



#52

Acenaphthene

Concen: 37.854 ng

RT: 9.804 min Scan# 1312

Delta R.T. 0.006 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

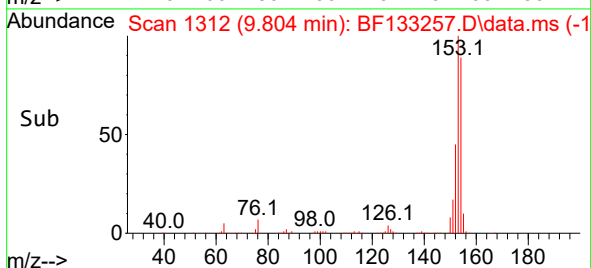
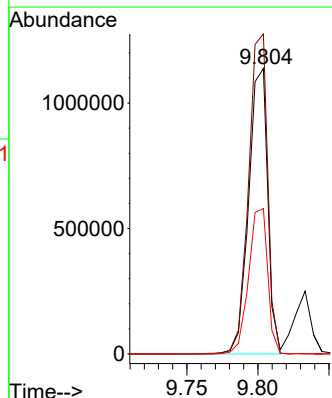
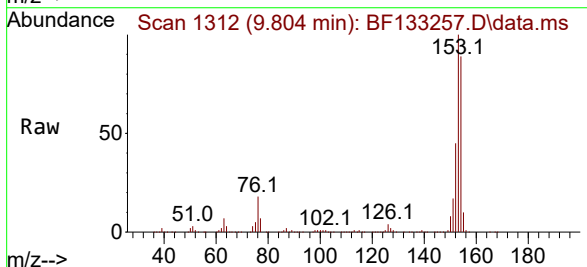
Tgt Ion:154 Resp: 1063172

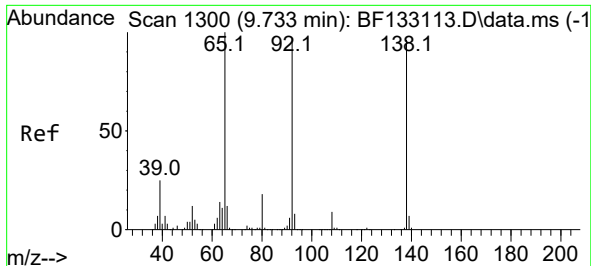
Ion Ratio Lower Upper

154 100

153 112.1 89.0 133.6

152 51.0 40.4 60.6

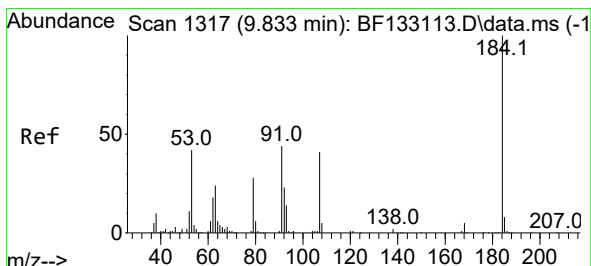
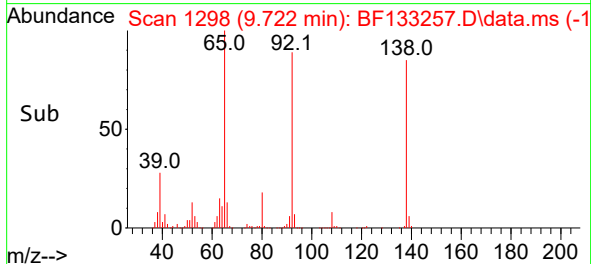
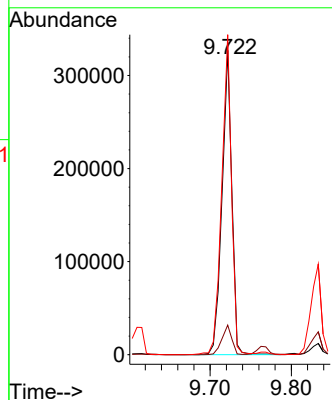
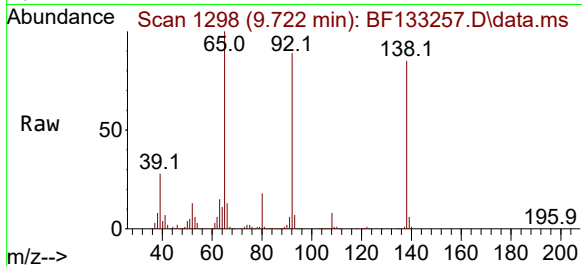




#53
3-Nitroaniline
Concen: 32.641 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

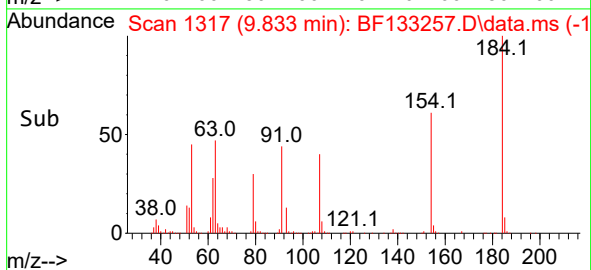
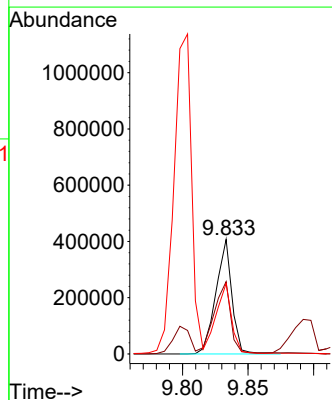
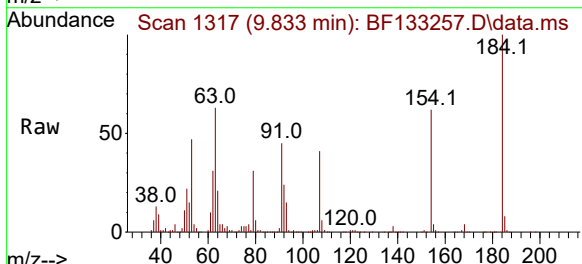
Instrument :
BNA_F
ClientSampleId :
PB152569BS

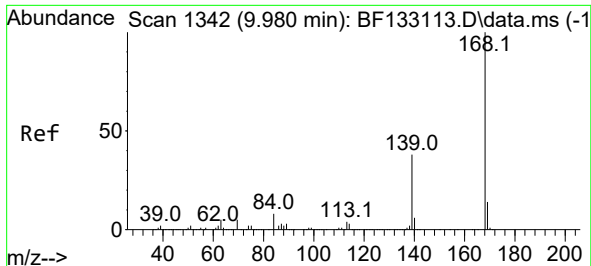
Tgt Ion:138 Resp: 275423
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 105.1 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 97.566 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion:184 Resp: 348029
Ion Ratio Lower Upper
184 100
63 63.2 49.8 74.8
154 61.5 49.5 74.3



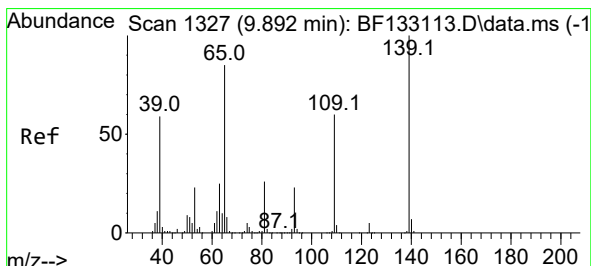
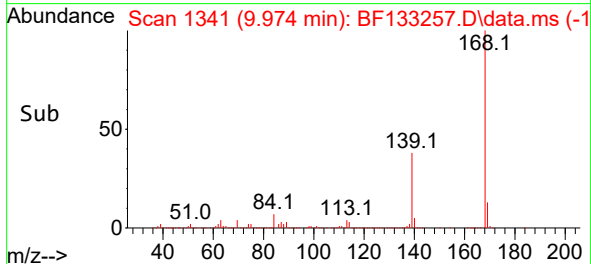
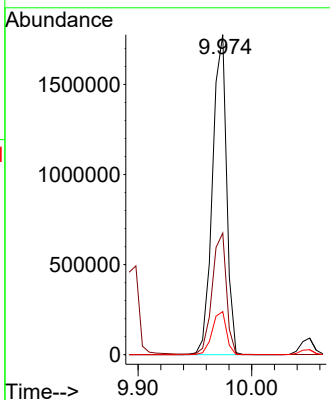
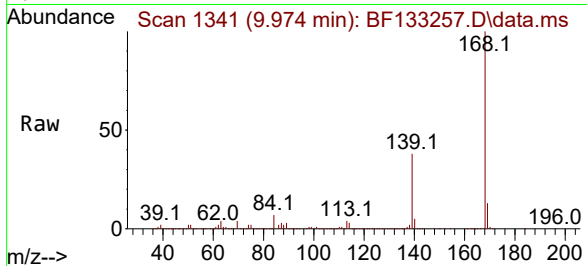


#55
 Dibenzenofuran
 Concen: 39.973 ng
 RT: 9.974 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF133257.D
 Acq: 05 May 2023 11:24

Instrument :
 BNA_F
 ClientSampleId :
 PB152569BS

Tgt Ion:168 Resp: 1531435

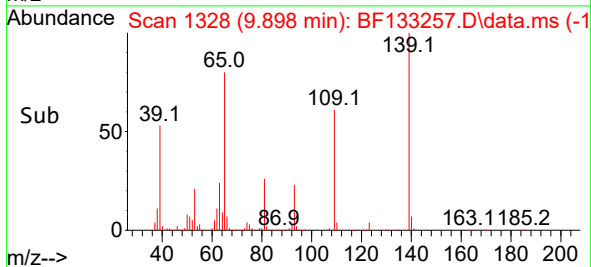
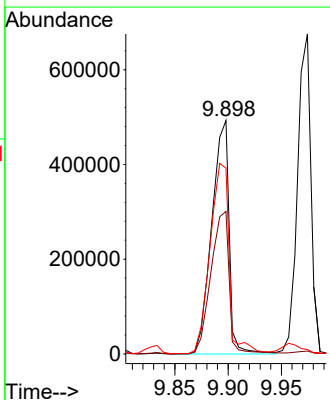
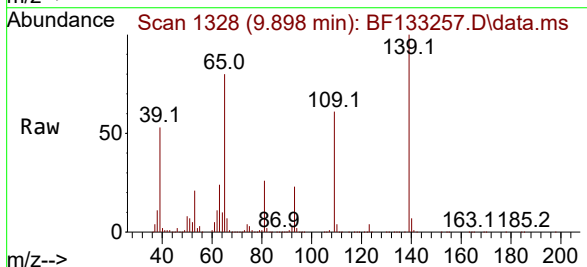
Ion	Ratio	Lower	Upper
168	100		
139	38.0	29.8	44.8
169	13.4	10.8	16.2

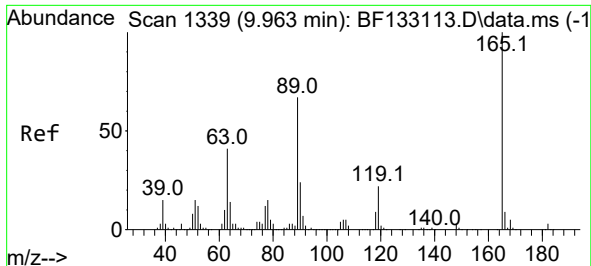


#56
 4-Nitrophenol
 Concen: 85.507 ng
 RT: 9.898 min Scan# 1328
 Delta R.T. 0.012 min
 Lab File: BF133257.D
 Acq: 05 May 2023 11:24

Tgt Ion:139 Resp: 558824

Ion	Ratio	Lower	Upper
139	100		
109	61.1	39.4	79.4
65	79.6	57.5	97.5

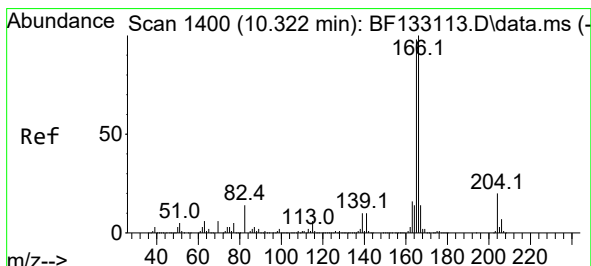
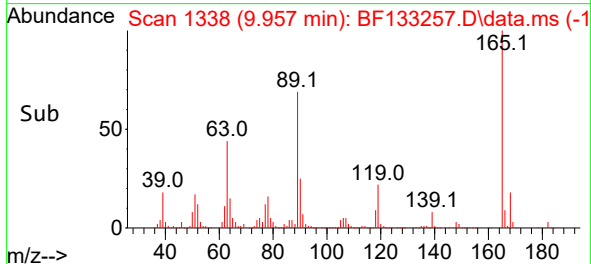
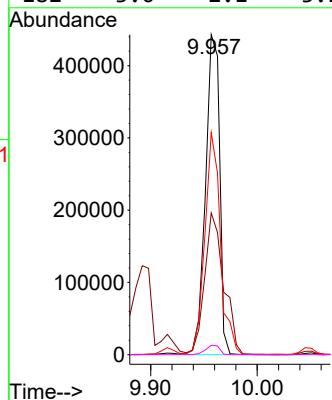
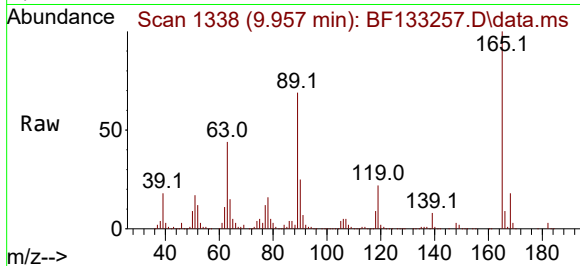




#57
2,4-Dinitrotoluene
Concen: 45.149 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

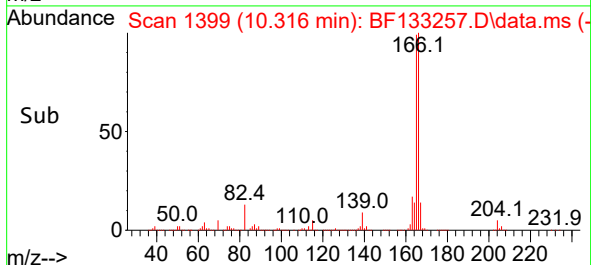
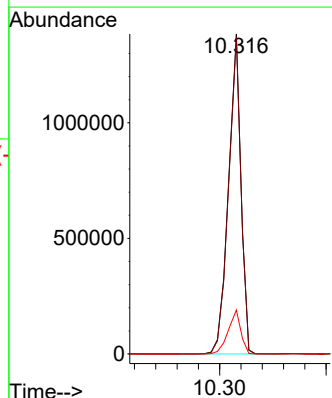
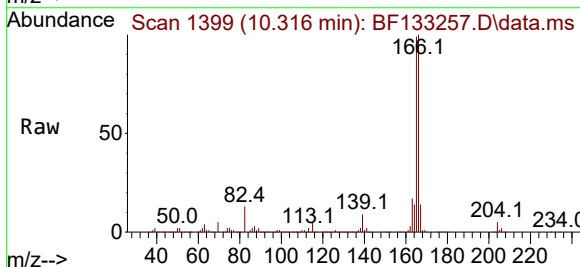
Instrument :
BNA_F
ClientSampleId :
PB152569BS

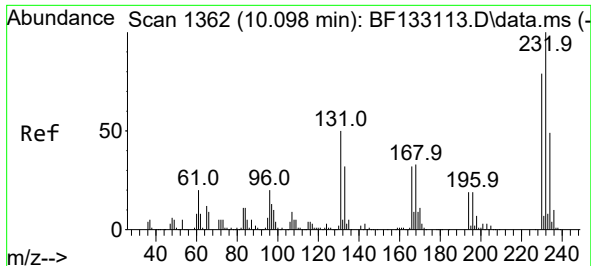
Tgt Ion:165 Resp: 408607
Ion Ratio Lower Upper
165 100
63 44.3 37.7 56.5
89 69.4 57.0 85.4
182 3.0 2.1 3.1



#58
Fluorene
Concen: 40.185 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion:166 Resp: 1127954
Ion Ratio Lower Upper
166 100
165 98.9 78.6 117.8
167 13.7 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.612 ng

RT: 10.092 min Scan# 1361

Delta R.T. -0.000 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152569BS

Tgt Ion:232 Resp: 321244

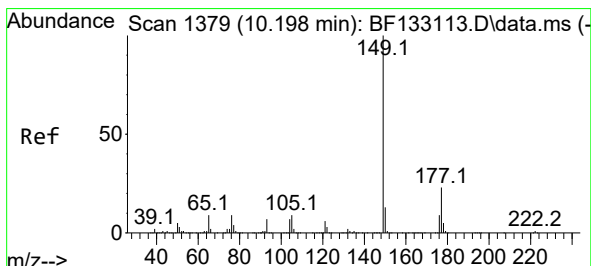
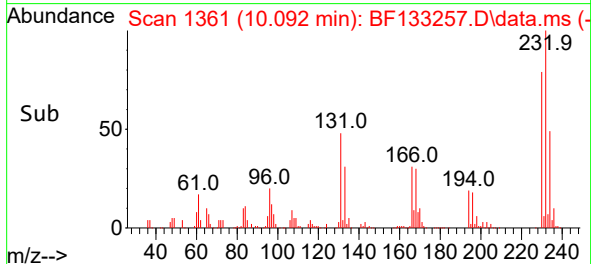
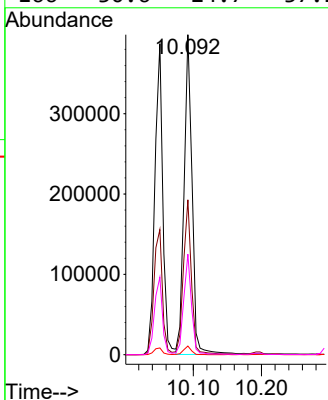
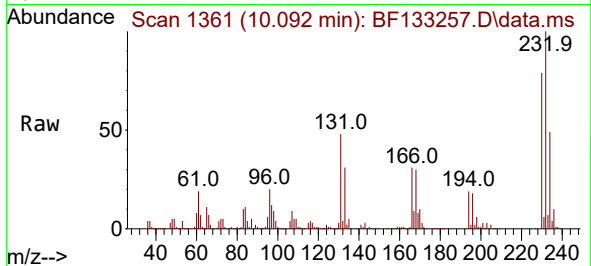
Ion Ratio Lower Upper

232 100

131 48.1 38.0 57.0

130 2.6 1.8 2.8

166 30.6 24.7 37.1



#60

Diethylphthalate

Concen: 41.545 ng

RT: 10.192 min Scan# 1378

Delta R.T. -0.000 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

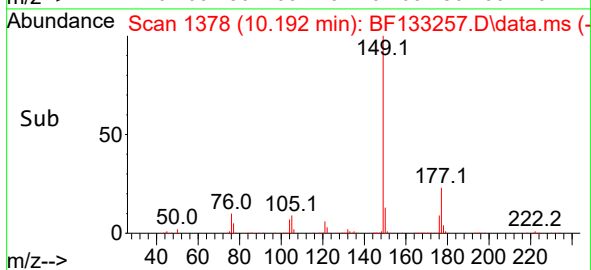
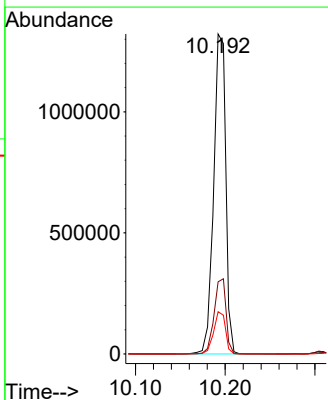
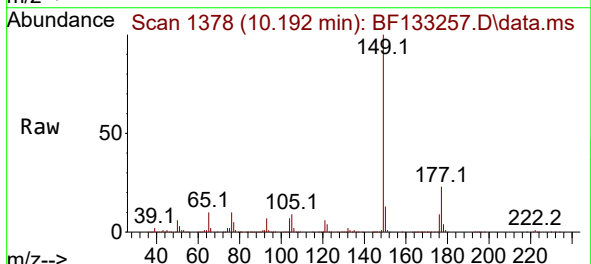
Tgt Ion:149 Resp: 1237296

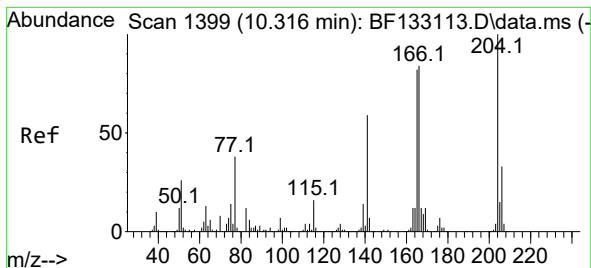
Ion Ratio Lower Upper

149 100

177 22.5 18.2 27.4

150 13.2 10.2 15.4

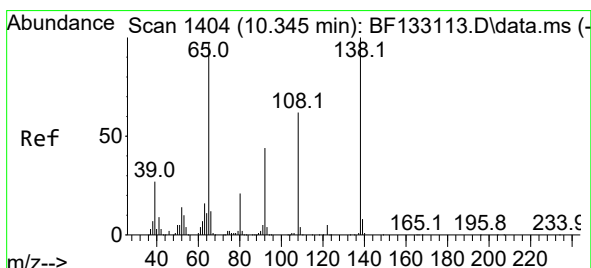
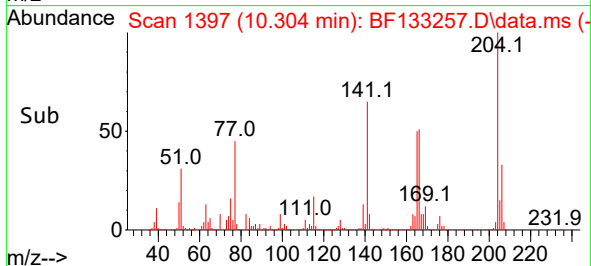
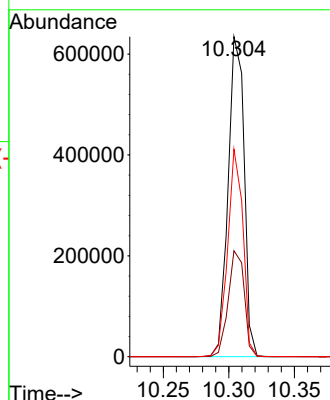
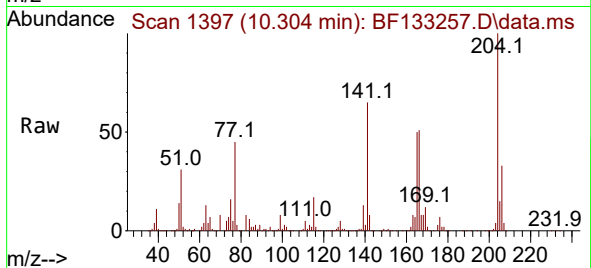




#61
4-Chlorophenyl-phenylether
Concen: 39.437 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

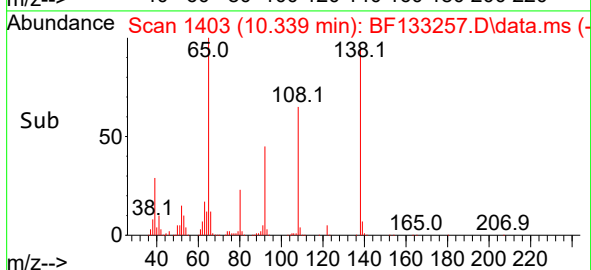
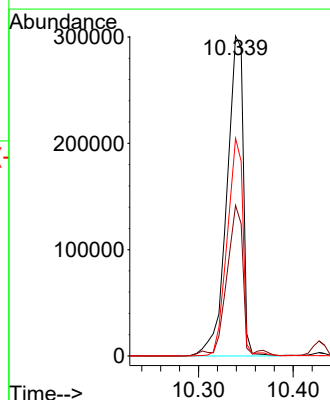
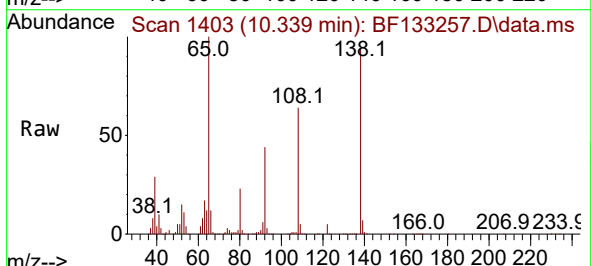
Instrument :
BNA_F
ClientSampleId :
PB152569BS

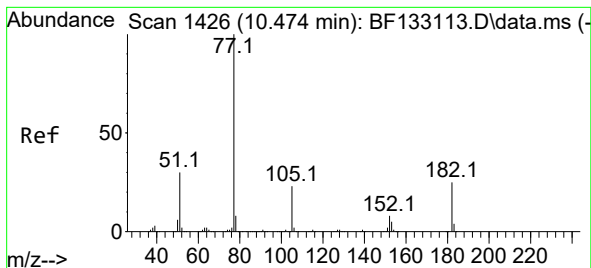
Tgt Ion:204 Resp: 539440
Ion Ratio Lower Upper
204 100
206 33.1 26.1 39.1
141 64.9 46.1 69.1



#62
4-Nitroaniline
Concen: 46.639 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion:138 Resp: 361707
Ion Ratio Lower Upper
138 100
92 47.0 27.7 67.7
108 68.0 45.2 85.2





#63

Azobenzene

Concen: 40.220 ng

RT: 10.469 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152569BS

Tgt Ion: 77 Resp: 1268918

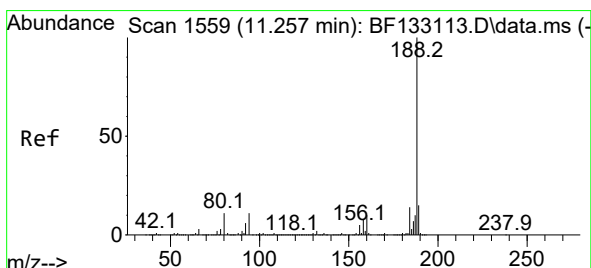
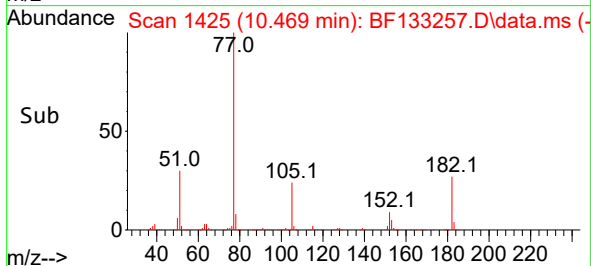
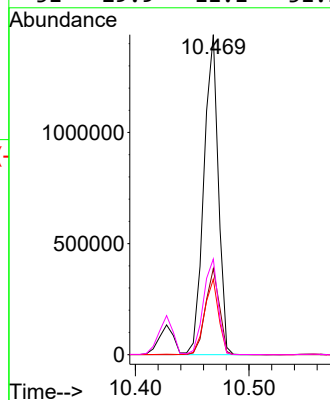
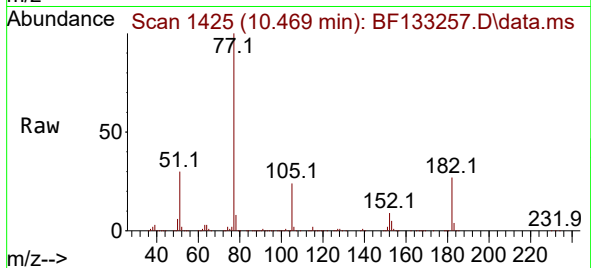
Ion Ratio Lower Upper

77 100

182 26.9 5.9 45.9

105 23.6 2.3 42.3

51 29.9 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1557

Delta R.T. -0.000 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

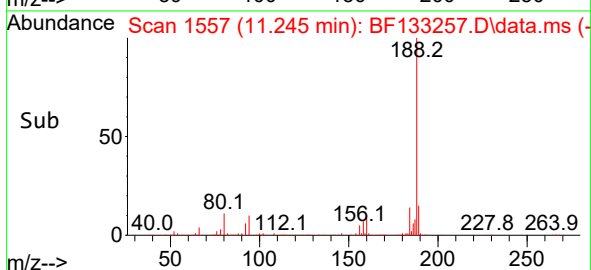
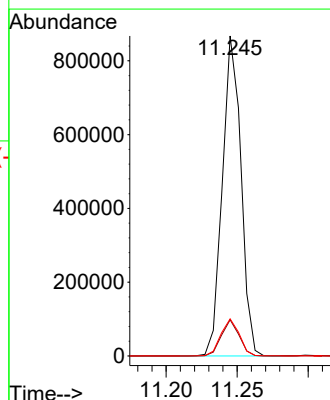
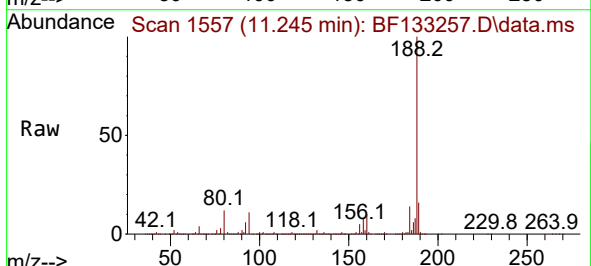
Tgt Ion:188 Resp: 789706

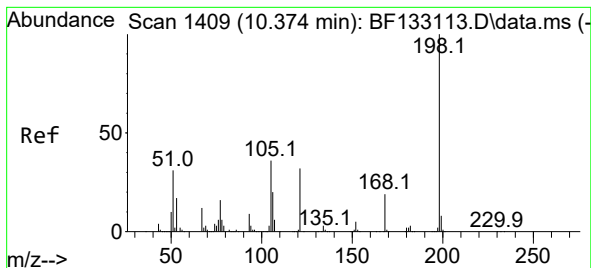
Ion Ratio Lower Upper

188 100

94 11.3 9.7 14.5

80 11.6 10.4 15.6

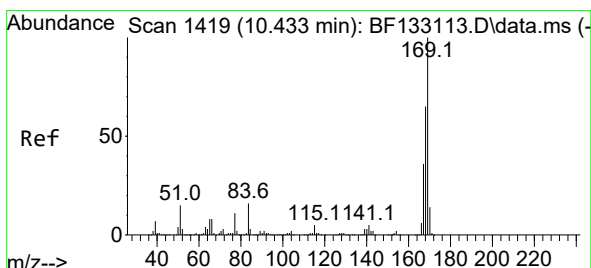
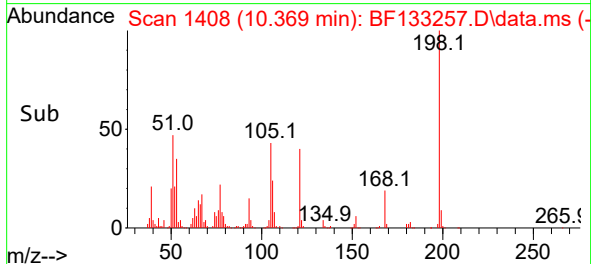
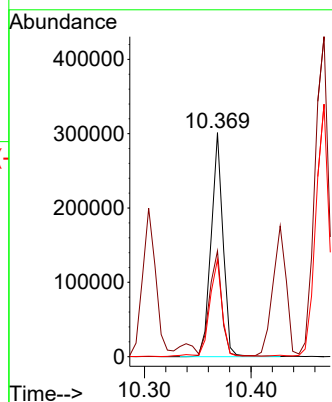
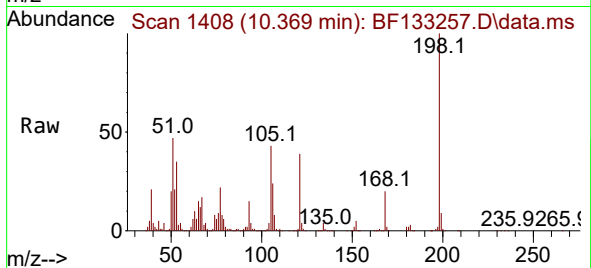




#65
4,6-Dinitro-2-methylphenol
Concen: 48.922 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

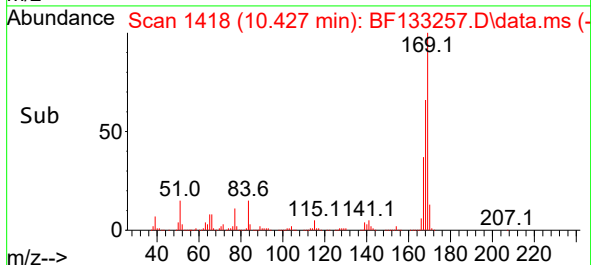
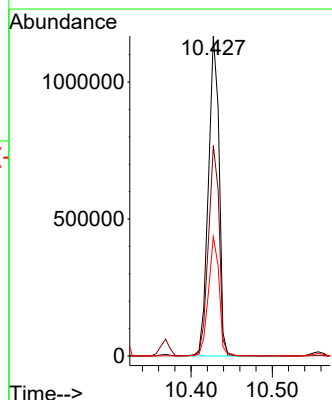
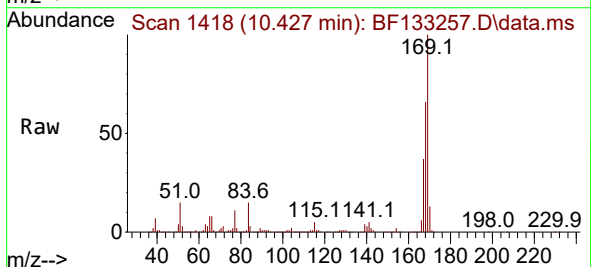
Instrument :
BNA_F
ClientSampleId :
PB152569BS

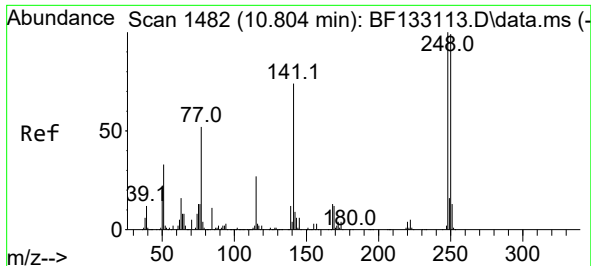
Tgt Ion:198 Resp: 234167
Ion Ratio Lower Upper
198 100
51 47.2 15.5 55.5
105 43.4 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 41.432 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion:169 Resp: 1061319
Ion Ratio Lower Upper
169 100
168 65.8 53.8 80.8
167 37.3 29.7 44.5

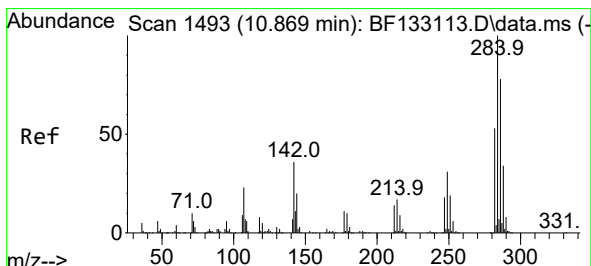
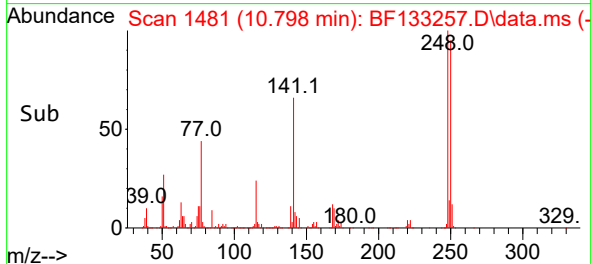
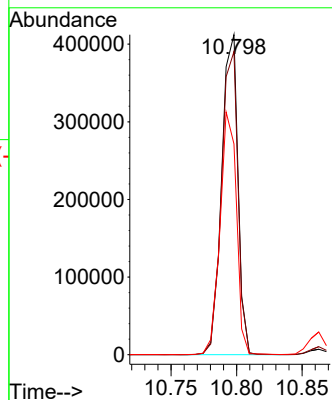
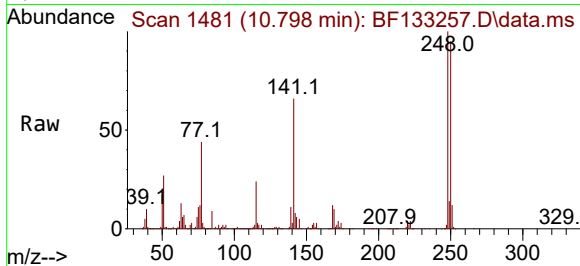




#67
4-Bromophenyl-phenylether
Concen: 41.508 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

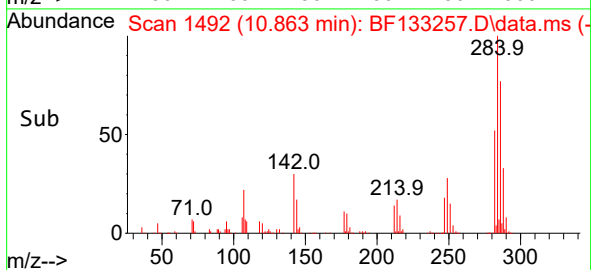
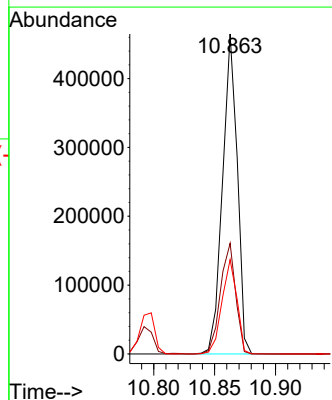
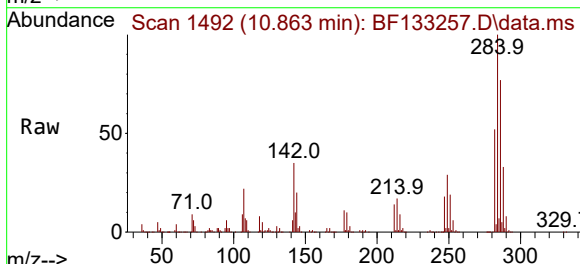
Instrument :
BNA_F
ClientSampleId :
PB152569BS

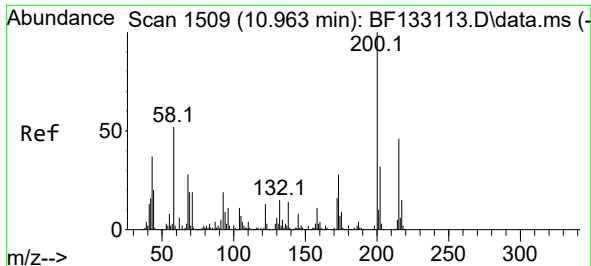
Tgt Ion:248 Resp: 355511
Ion Ratio Lower Upper
248 100
250 94.7 78.7 118.1
141 65.9 56.3 84.5



#68
Hexachlorobenzene
Concen: 44.574 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion:284 Resp: 391194
Ion Ratio Lower Upper
284 100
142 34.6 26.0 39.0
249 29.5 23.7 35.5

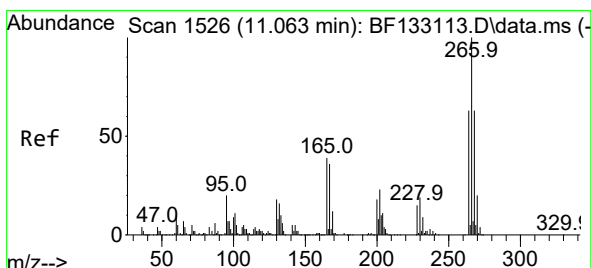
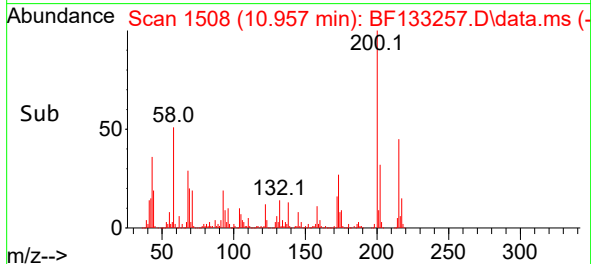
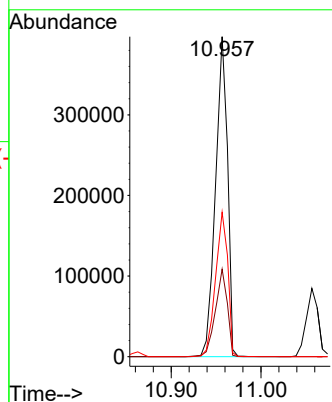
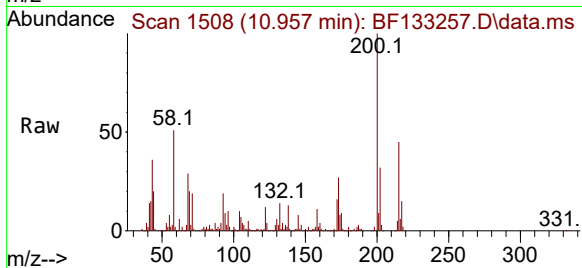




#69
 Atrazine
 Concen: 49.943 ng
 RT: 10.957 min Scan# 1508
 Delta R.T. -0.000 min
 Lab File: BF133257.D
 Acq: 05 May 2023 11:24

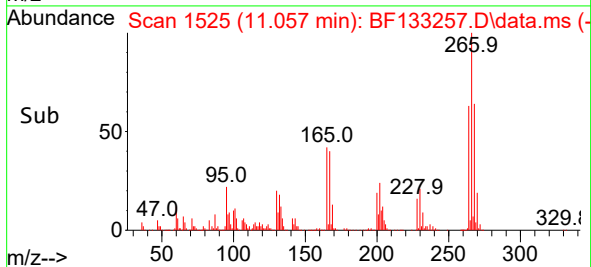
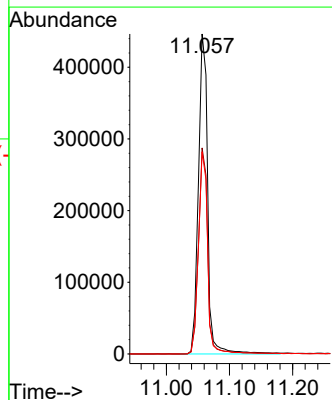
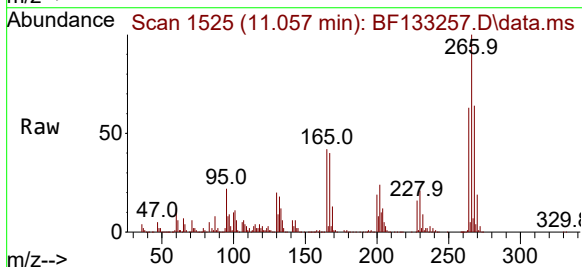
Instrument :
 BNA_F
 ClientSampleId :
 PB152569BS

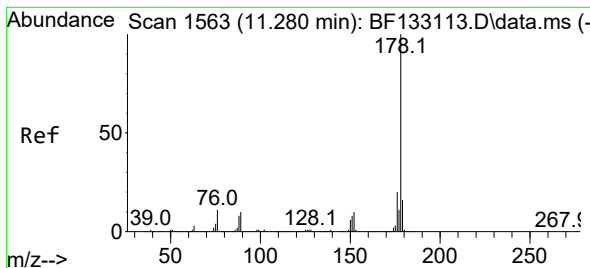
Tgt Ion:200 Resp: 368635
 Ion Ratio Lower Upper
 200 100
 173 27.4 6.2 46.2
 215 45.1 26.3 66.3



#70
 Pentachlorophenol
 Concen: 72.399 ng
 RT: 11.057 min Scan# 1525
 Delta R.T. -0.000 min
 Lab File: BF133257.D
 Acq: 05 May 2023 11:24

Tgt Ion:266 Resp: 452521
 Ion Ratio Lower Upper
 266 100
 268 64.4 48.8 73.2
 264 63.2 50.6 76.0





#71

Phenanthrene

Concen: 41.562 ng

RT: 11.274 min Scan# 1562

Delta R.T. 0.006 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152569BS

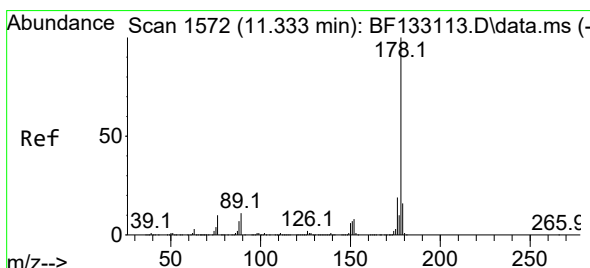
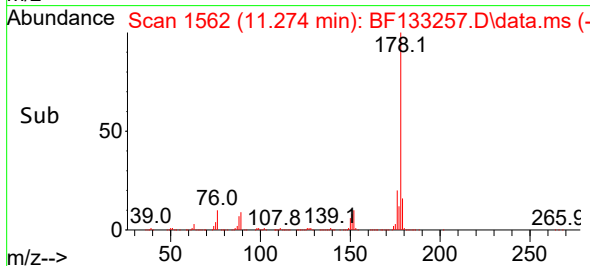
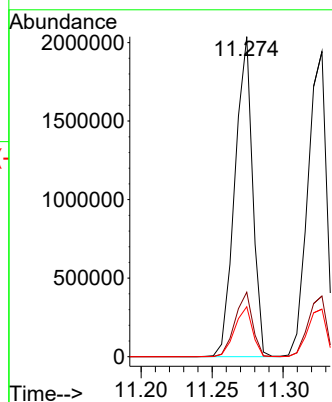
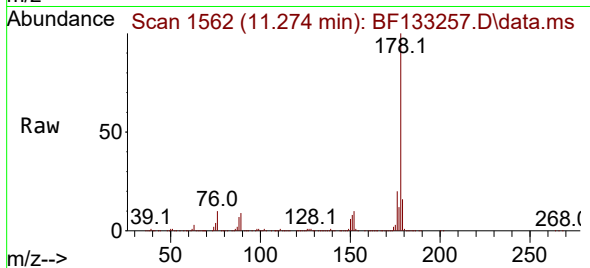
Tgt Ion:178 Resp: 1764060

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

179 15.6 12.5 18.7



#72

Anthracene

Concen: 40.983 ng

RT: 11.327 min Scan# 1571

Delta R.T. 0.006 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

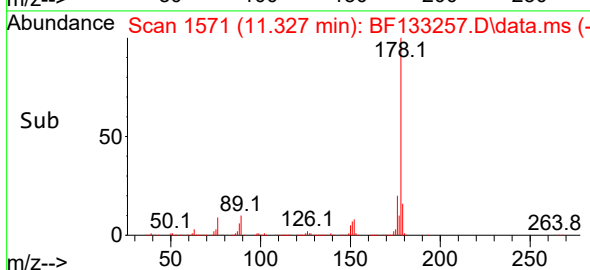
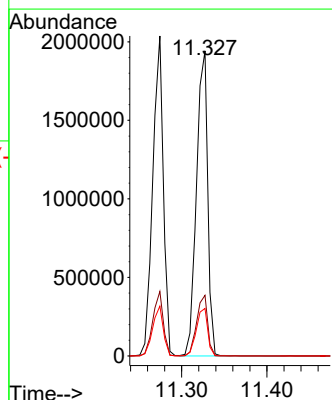
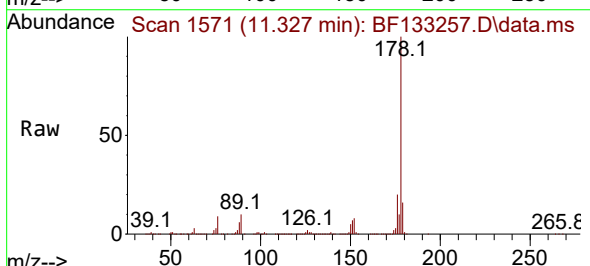
Tgt Ion:178 Resp: 1780167

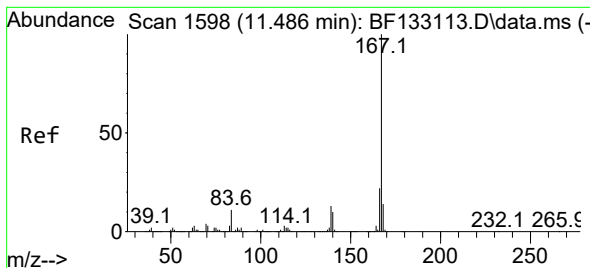
Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.0

179 15.6 12.4 18.6





#73

Carbazole

Concen: 42.631 ng

RT: 11.480 min Scan# 1598

Delta R.T. -0.000 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152569BS

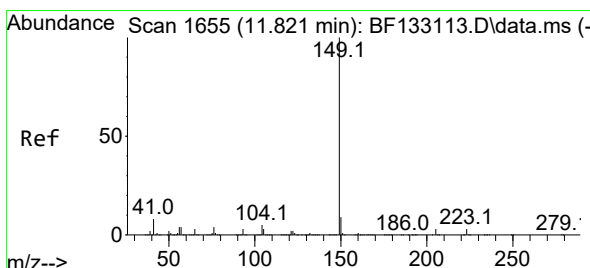
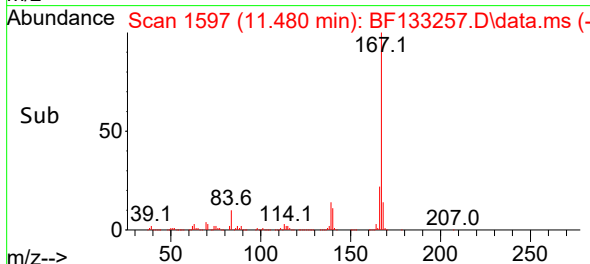
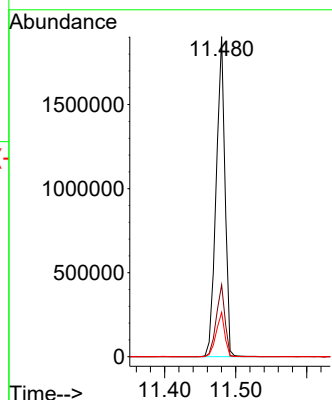
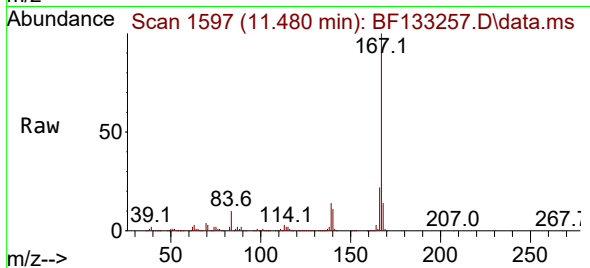
Tgt Ion:167 Resp: 1648869

Ion Ratio Lower Upper

167 100

166 22.5 17.4 26.0

139 13.8 10.6 16.0



#74

Di-n-butylphthalate

Concen: 44.406 ng

RT: 11.816 min Scan# 1654

Delta R.T. 0.006 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

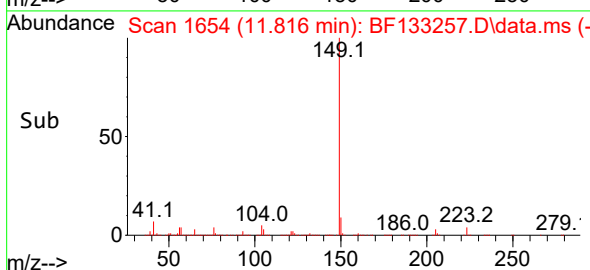
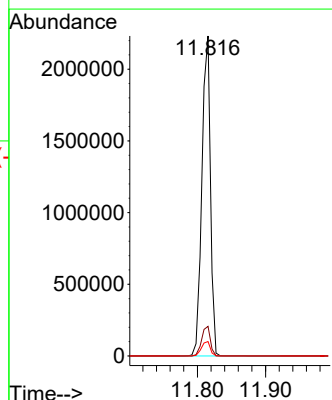
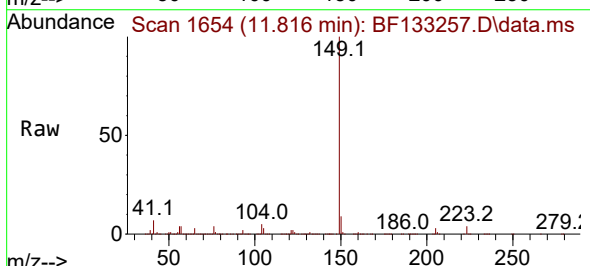
Tgt Ion:149 Resp: 1943661

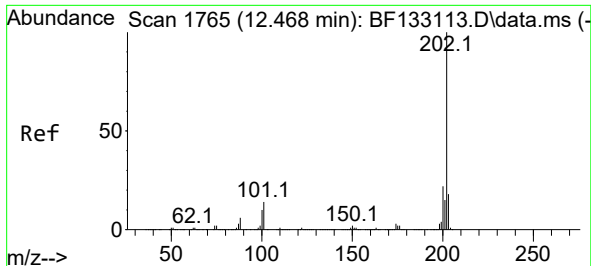
Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

104 4.5 4.0 6.0

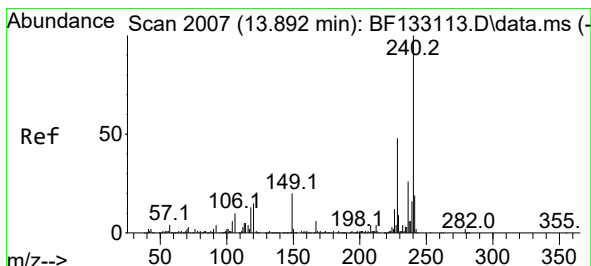
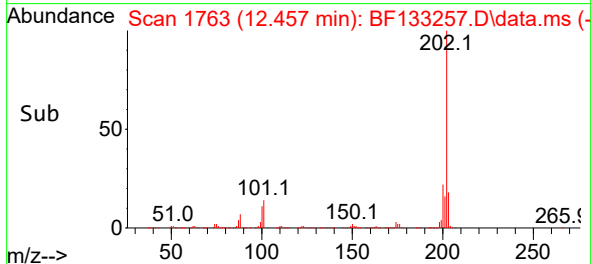
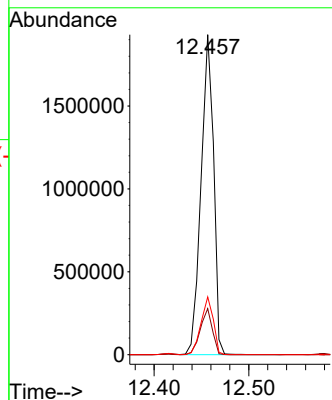
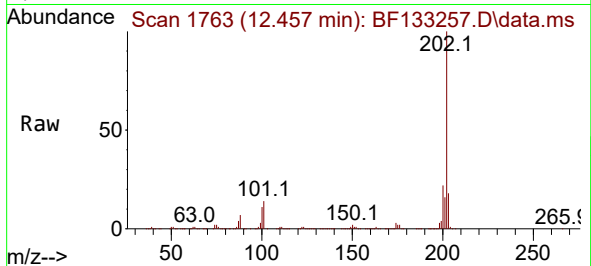




#75
Fluoranthene
Concen: 41.802 ng
RT: 12.457 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

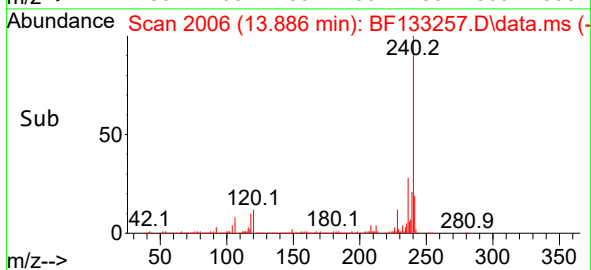
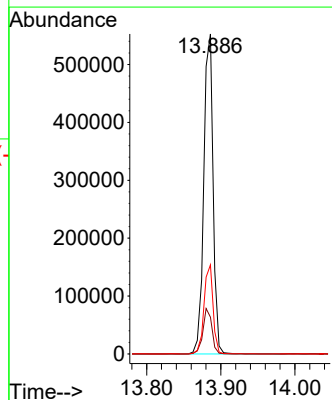
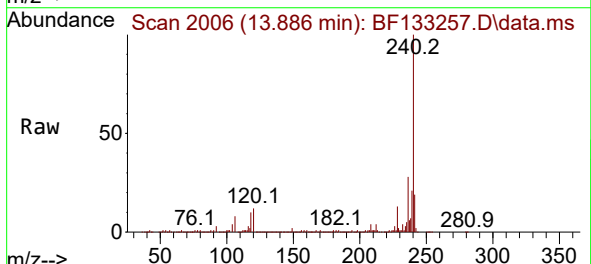
Instrument :
BNA_F
ClientSampleId :
PB152569BS

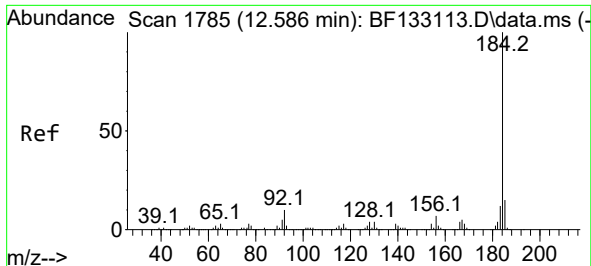
Tgt Ion:202 Resp: 1780667
Ion Ratio Lower Upper
202 100
101 14.4 0.0 35.3
203 18.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion:240 Resp: 483378
Ion Ratio Lower Upper
240 100
120 11.5 10.5 15.7
236 27.9 21.5 32.3

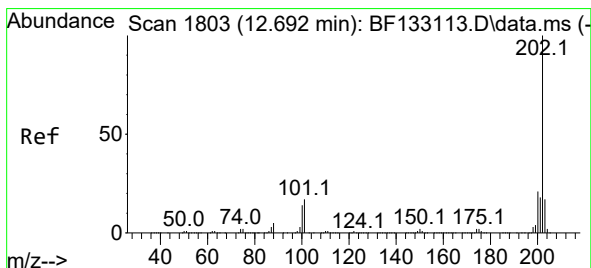
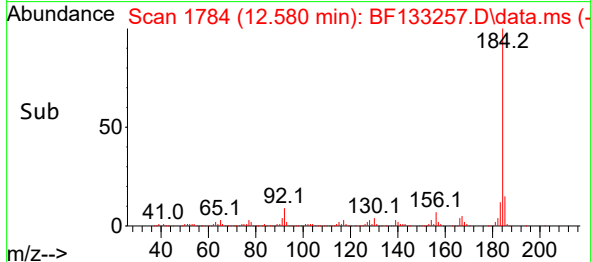
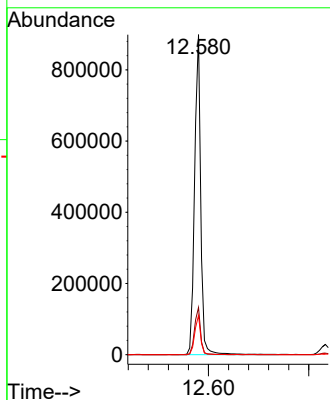
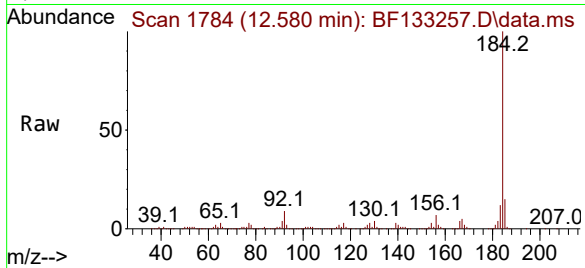




#77
Benzidine
Concen: 92.766 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

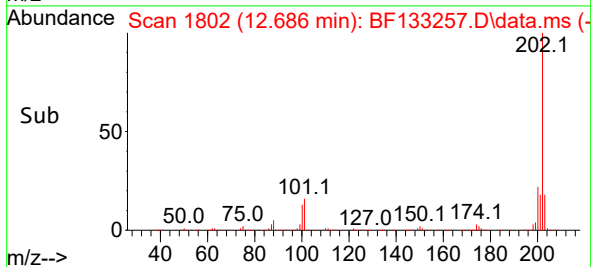
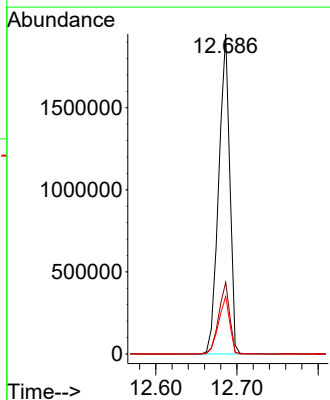
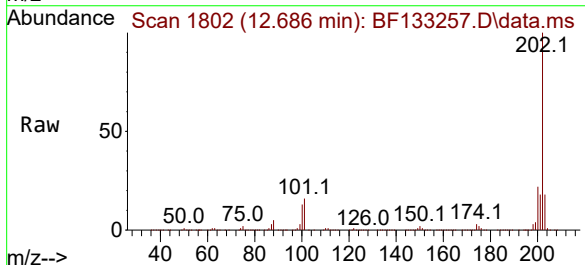
Instrument :
BNA_F
ClientSampleId :
PB152569BS

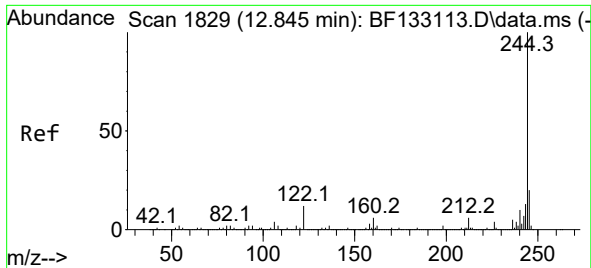
Tgt Ion:184 Resp: 758285
Ion Ratio Lower Upper
184 100
185 14.7 15.4 23.2#
183 12.2 9.4 14.0



#78
Pyrene
Concen: 44.463 ng
RT: 12.686 min Scan# 1802
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion:202 Resp: 1842417
Ion Ratio Lower Upper
202 100
200 22.4 17.1 25.7
203 17.9 14.1 21.1

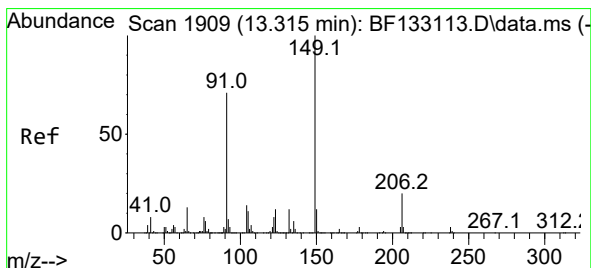
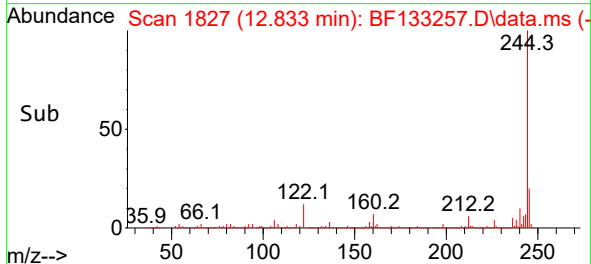
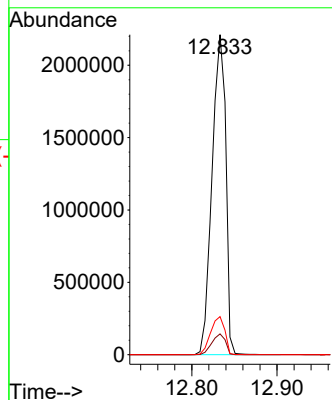
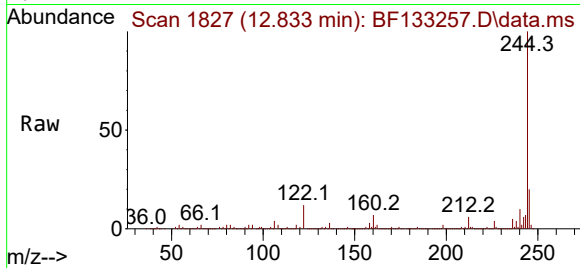




#79
 Terphenyl-d14
 Concen: 88.518 ng
 RT: 12.833 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133257.D
 Acq: 05 May 2023 11:24

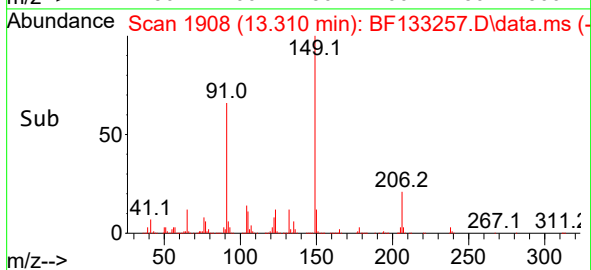
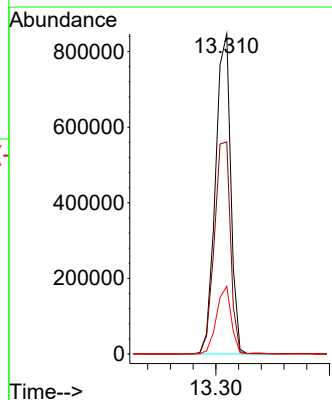
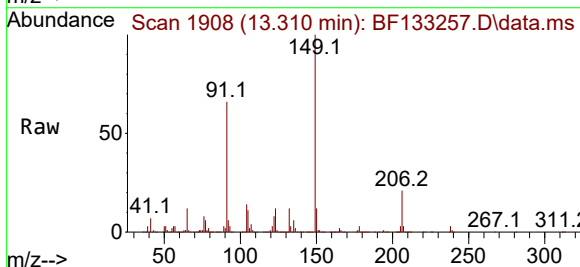
Instrument :
 BNA_F
 ClientSampleId :
 PB152569BS

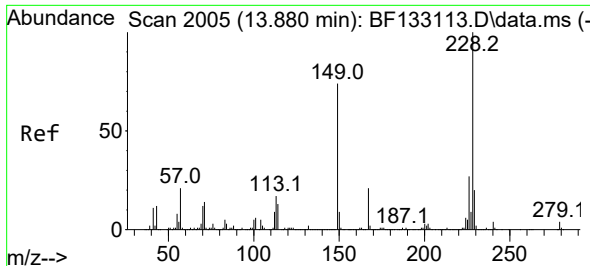
Tgt Ion:244 Resp: 2480936
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.9 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 53.858 ng
 RT: 13.310 min Scan# 1908
 Delta R.T. 0.006 min
 Lab File: BF133257.D
 Acq: 05 May 2023 11:24

Tgt Ion:149 Resp: 790186
 Ion Ratio Lower Upper
 149 100
 91 66.2 53.8 80.6
 206 21.2 17.5 26.3

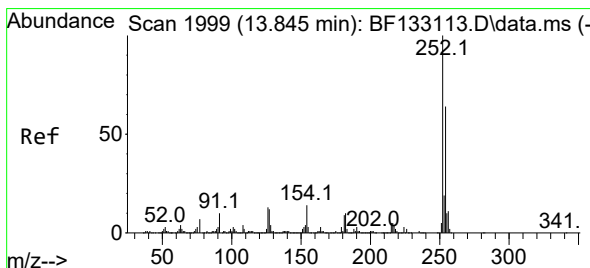
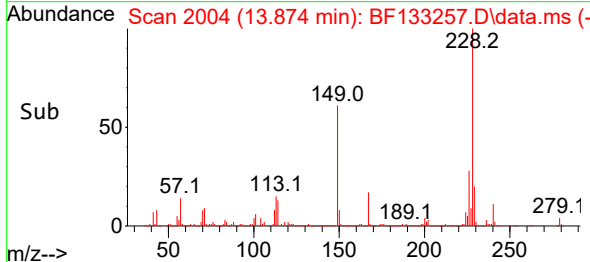
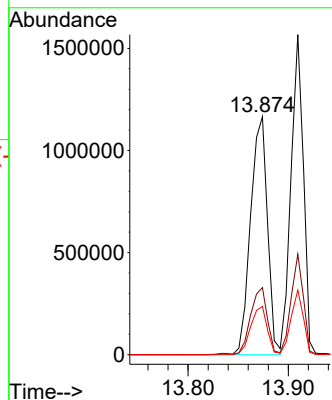
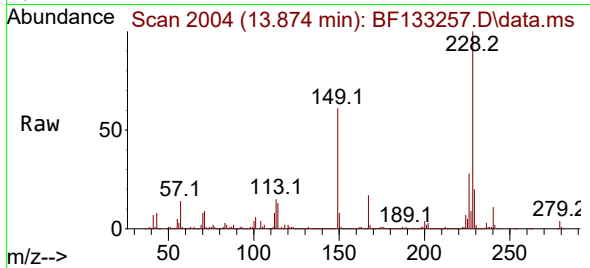




#81
Benzo(a)anthracene
Concen: 40.955 ng
RT: 13.874 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

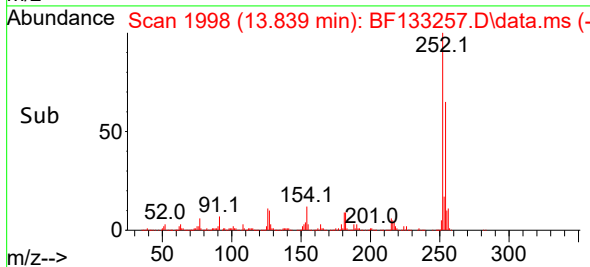
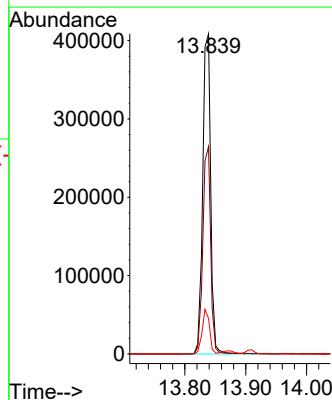
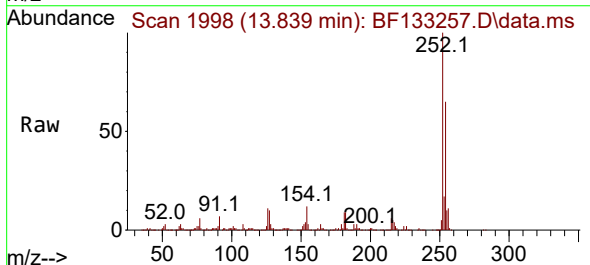
Instrument :
BNA_F
ClientSampleId :
PB152569BS

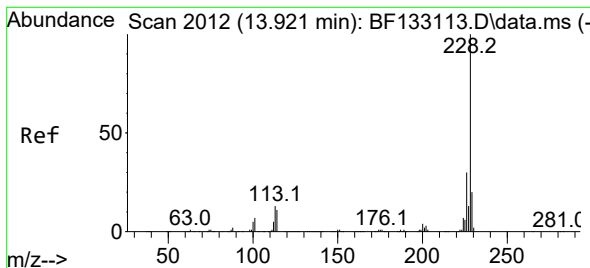
Tgt Ion:228 Resp: 1361351
Ion Ratio Lower Upper
228 100
226 28.1 22.2 33.4
229 20.3 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 40.666 ng
RT: 13.839 min Scan# 1998
Delta R.T. 0.006 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion:252 Resp: 373422
Ion Ratio Lower Upper
252 100
254 64.7 51.5 77.3
126 11.1 9.5 14.3





#83

Chrysene

Concen: 40.670 ng

RT: 13.910 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

Instrument :

BNA_F

ClientSampleId :

PB152569BS

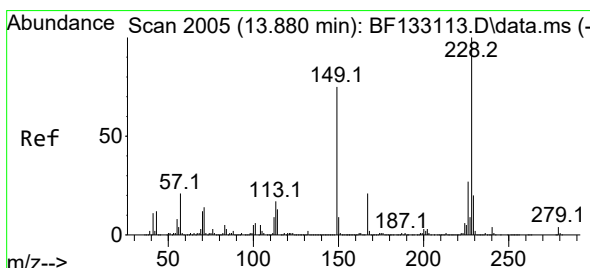
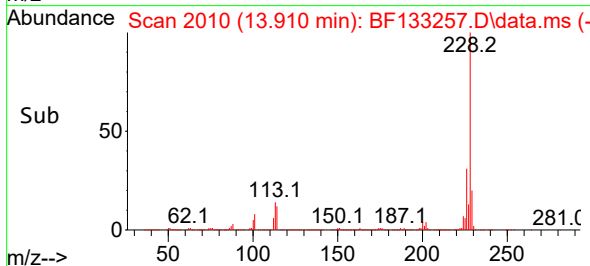
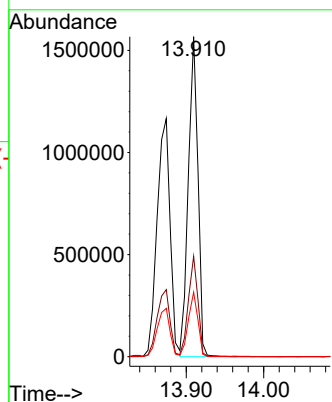
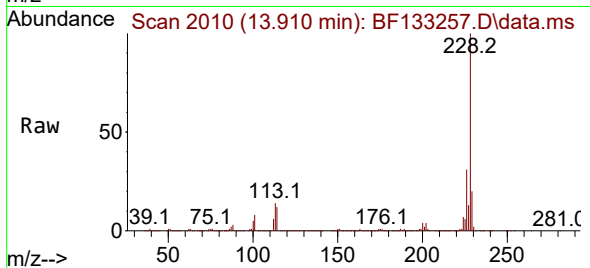
Tgt Ion:228 Resp: 1351541

Ion Ratio Lower Upper

228 100

226 31.4 24.7 37.1

229 20.2 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.963 ng

RT: 13.868 min Scan# 2003

Delta R.T. -0.000 min

Lab File: BF133257.D

Acq: 05 May 2023 11:24

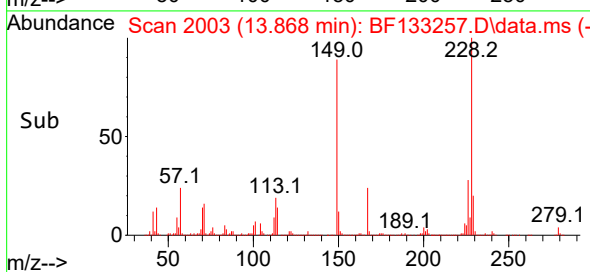
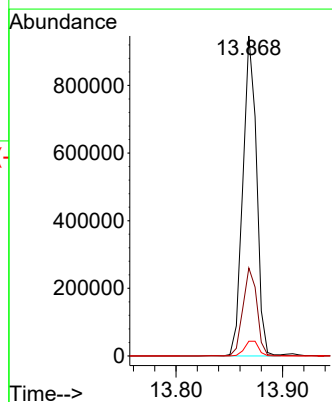
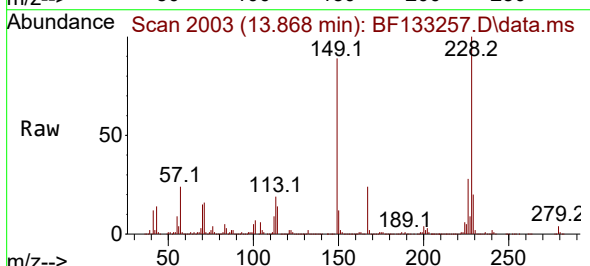
Tgt Ion:149 Resp: 846432

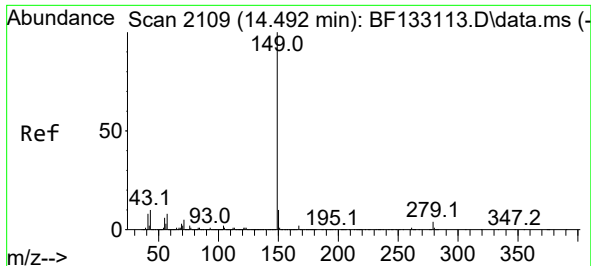
Ion Ratio Lower Upper

149 100

167 27.5 22.5 33.7

279 4.6 4.2 6.4

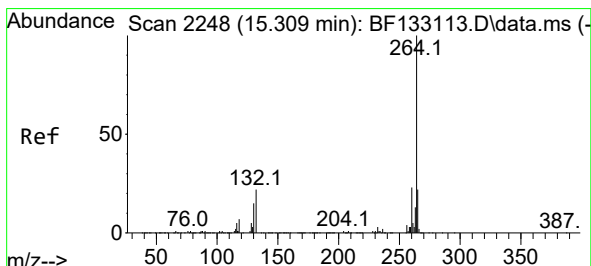
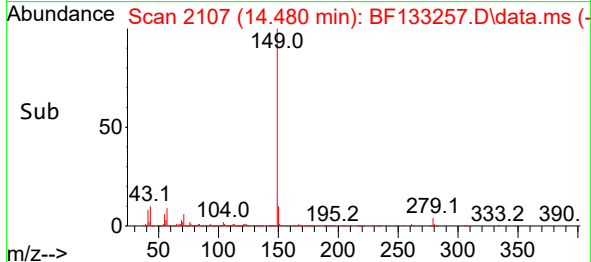
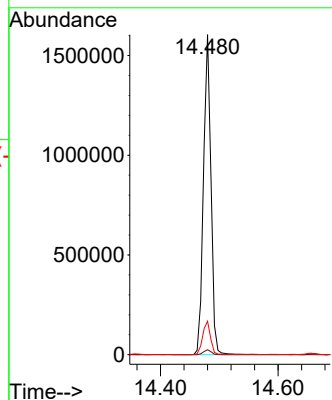
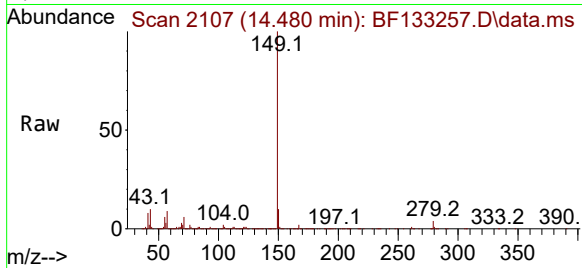




#85
Di-n-octyl phthalate
Concen: 47.329 ng
RT: 14.480 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

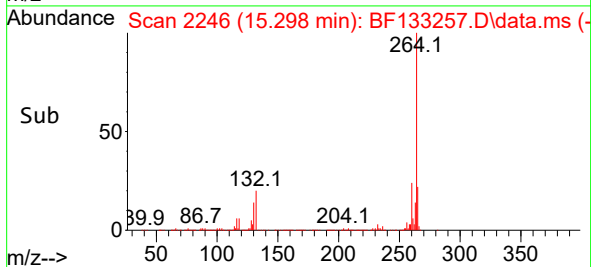
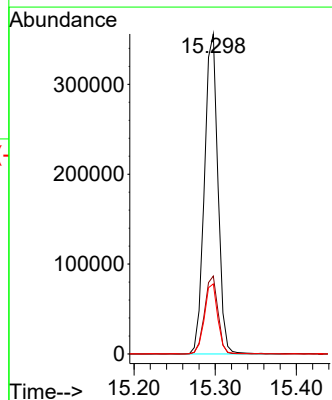
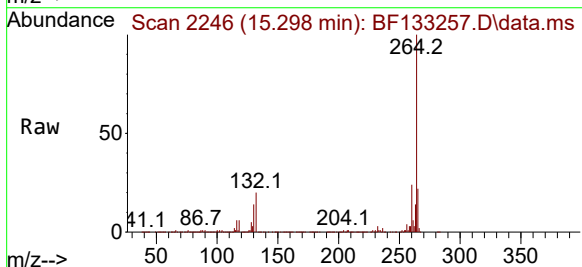
Instrument :
BNA_F
ClientSampleId :
PB152569BS

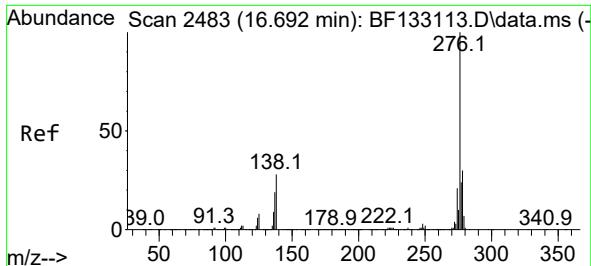
Tgt Ion:149 Resp: 1421181
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 9.5 14.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 2246
Delta R.T. 0.006 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion:264 Resp: 409730
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 21.9 17.0 25.4

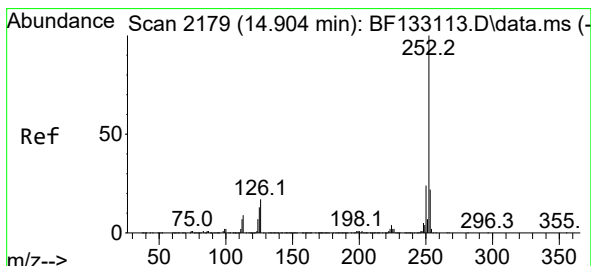
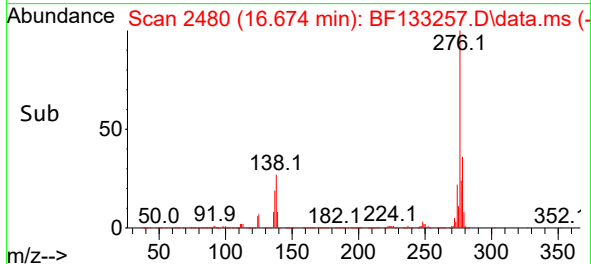
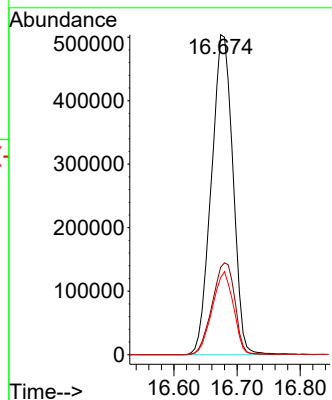
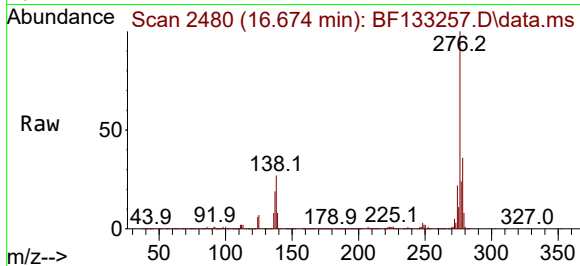




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.180 ng
RT: 16.674 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

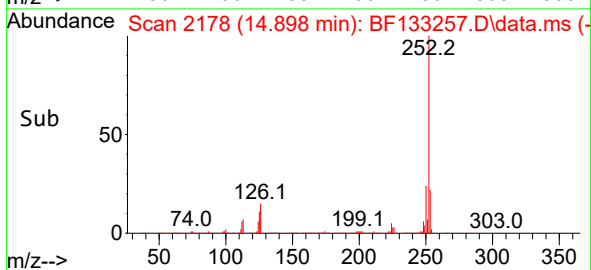
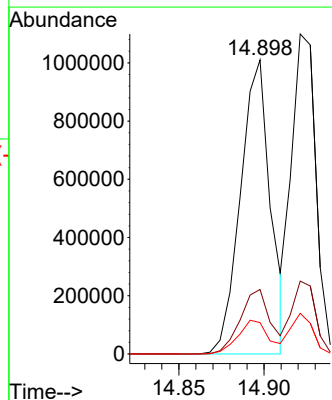
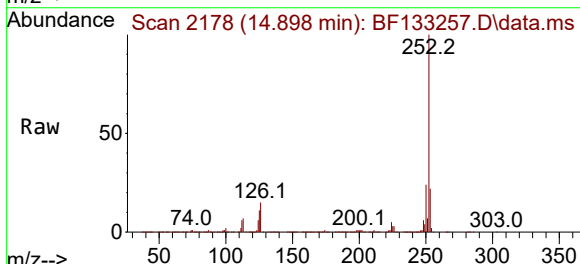
Instrument :
BNA_F
ClientSampleId :
PB152569BS

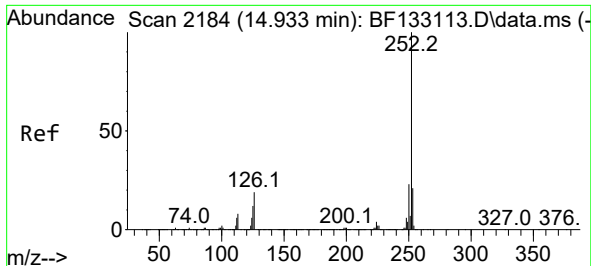
Tgt Ion:276 Resp: 1192812
Ion Ratio Lower Upper
276 100
138 30.2 25.5 38.3
277 25.6 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 47.301 ng
RT: 14.898 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion:252 Resp: 1232982
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 10.7 8.9 13.3

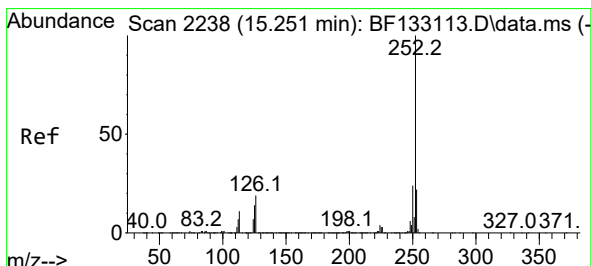
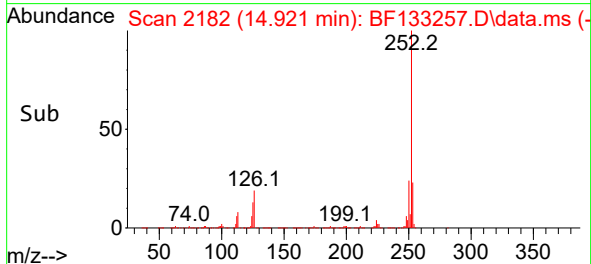
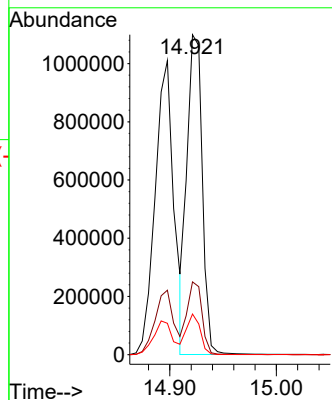
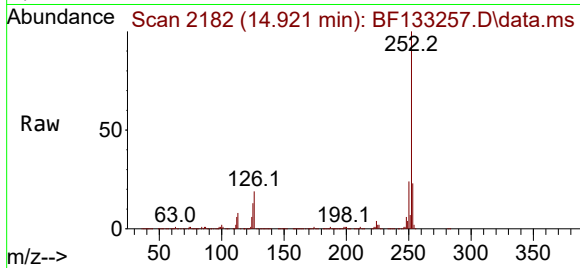




#89
Benzo(k)fluoranthene
Concen: 42.487 ng
RT: 14.921 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

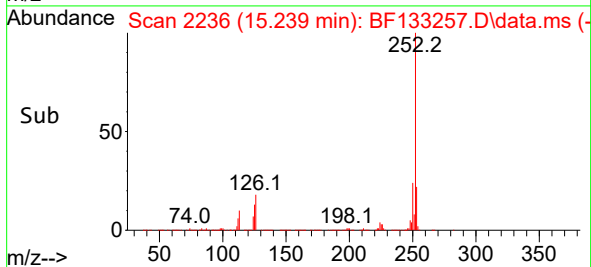
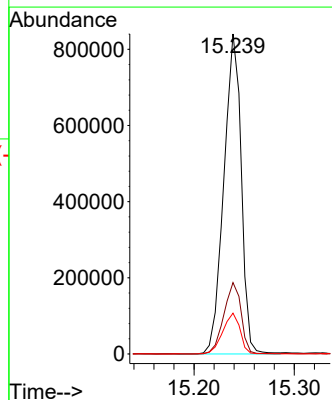
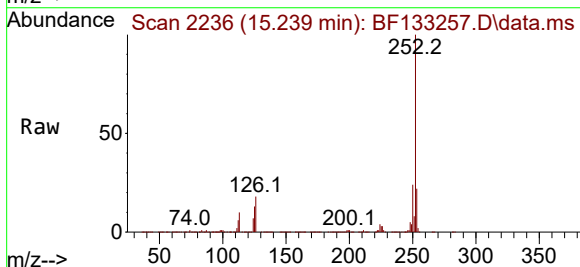
Instrument :
BNA_F
ClientSampleId :
PB152569BS

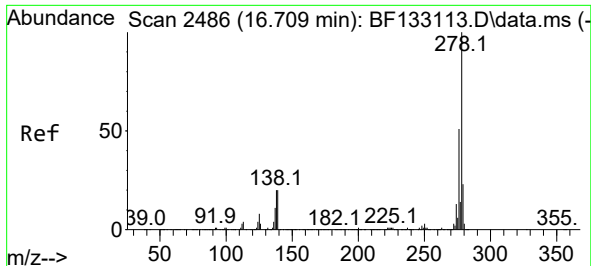
Tgt Ion:252 Resp: 1097848
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 12.7 9.0 13.4



#90
Benzo(a)pyrene
Concen: 42.599 ng
RT: 15.239 min Scan# 2236
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion:252 Resp: 1010690
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 12.8 10.5 15.7

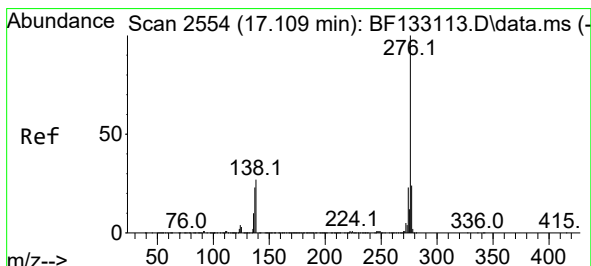
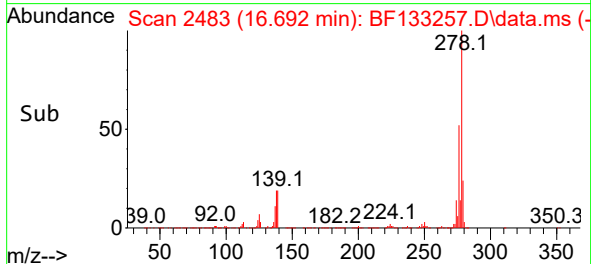
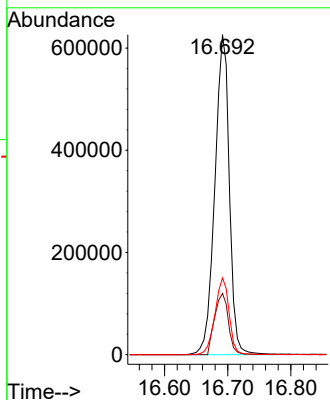
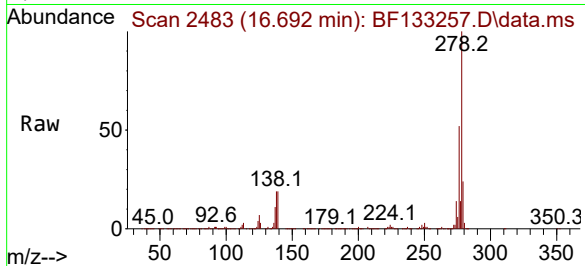




#91
Dibenzo(a,h)anthracene
Concen: 51.341 ng
RT: 16.692 min Scan# 2486
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Instrument :
BNA_F
ClientSampleId :
PB152569BS

Tgt Ion:278 Resp: 997992
Ion Ratio Lower Upper
278 100
139 19.2 16.6 24.8
279 24.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 52.645 ng
RT: 17.092 min Scan# 2551
Delta R.T. -0.000 min
Lab File: BF133257.D
Acq: 05 May 2023 11:24

Tgt Ion:276 Resp: 1010297
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 26.1 22.7 34.1

