

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102023\
 Data File : BF135907.D
 Acq On : 20 Oct 2023 14:31
 Operator : CG\JU
 Sample : PB156209BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156209BSD

Quant Time: Oct 20 23:18:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	91679	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	372237	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	174347	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	339674	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	209321	20.000	ng	-0.01
86) Perylene-d12	15.410	264	163982	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	736671	129.188	ng	0.00
7) Phenol-d6	6.398	99	818628	115.058	ng	0.00
23) Nitrobenzene-d5	7.310	82	546091	80.687	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	213014	127.325	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	945456	84.787	ng	0.00
79) Terphenyl-d14	12.868	244	1002184	88.666	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.546	88	97850	35.576	ng	98
3) Pyridine	3.328	79	203217	30.113	ng	96
4) n-Nitrosodimethylamine	3.269	42	148172	40.828	ng	98
6) Aniline	6.404	93	257507	28.760	ng	# 77
8) 2-Chlorophenol	6.528	128	271483	44.149	ng	99
9) Benzaldehyde	6.298	77	47958	11.843	ng	97
10) Phenol	6.410	94	313998	42.118	ng	82
11) bis(2-Chloroethyl)ether	6.475	93	250607	41.719	ng	98
12) 1,3-Dichlorobenzene	6.675	146	270751	43.431	ng	98
13) 1,4-Dichlorobenzene	6.751	146	275527	43.629	ng	99
14) 1,2-Dichlorobenzene	6.898	146	253092	44.509	ng	99
15) Benzyl Alcohol	6.892	79	217236	45.920	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	462790	42.598	ng	62
17) 2-Methylphenol	7.010	107	210105	39.469	ng	95
18) Hexachloroethane	7.234	117	102686	44.846	ng	94
19) n-Nitroso-di-n-propyla...	7.157	70	185178	42.093	ng	97
20) 3+4-Methylphenols	7.163	107	275485	41.512	ng	92
22) Acetophenone	7.151	105	366856	42.973	ng	# 97
24) Nitrobenzene	7.328	77	286670	42.203	ng	99
25) Isophorone	7.563	82	552911	43.303	ng	100
26) 2-Nitrophenol	7.639	139	155096	46.788	ng	99
27) 2,4-Dimethylphenol	7.686	122	232838	42.667	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	331897	43.648	ng	99
29) 2,4-Dichlorophenol	7.886	162	239897	46.910	ng	96
30) 1,2,4-Trichlorobenzene	7.957	180	239984	45.882	ng	99
31) Naphthalene	8.039	128	747518	41.172	ng	99
32) Benzoic acid	7.851	122	142849	38.672	ng	94
33) 4-Chloroaniline	8.098	127	160961	20.295	ng	98
34) Hexachlorobutadiene	8.145	225	134178	43.339	ng	98
35) Caprolactam	8.486	113	43340	24.791	ng	# 84
36) 4-Chloro-3-methylphenol	8.598	107	244537	43.119	ng	99
37) 2-Methylnaphthalene	8.728	142	479946	40.122	ng	99
38) 1-Methylnaphthalene	8.828	142	453944	41.144	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	235735	47.004	ng	98
41) Hexachlorocyclopentadiene	8.875	237	78156	77.528	ng	94
43) 2,4,6-Trichlorophenol	9.022	196	146780	45.417	ng	99

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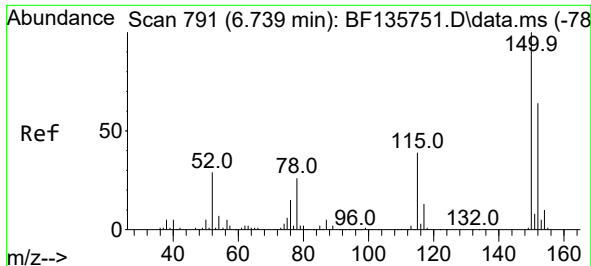
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	153657	40.878	ng	98
46) 1,1'-Biphenyl	9.198	154	555477	41.592	ng	99
47) 2-Chloronaphthalene	9.222	162	413729	42.984	ng	99
48) 2-Nitroaniline	9.333	65	138983	36.582	ng	95
49) Acenaphthylene	9.639	152	684766	42.990	ng	100
50) Dimethylphthalate	9.504	163	494499	42.015	ng	99
51) 2,6-Dinitrotoluene	9.580	165	108824	42.997	ng	96
52) Acenaphthene	9.810	154	404216	42.339	ng	99
53) 3-Nitroaniline	9.751	138	98791	31.841	ng	98
54) 2,4-Dinitrophenol	9.880	184	97077	91.885	ng	94
55) Dibenzofuran	9.986	168	619166	42.981	ng	98
56) 4-Nitrophenol	9.945	139	93850	66.978	ng	93
57) 2,4-Dinitrotoluene	9.998	165	147923	45.939	ng	93
58) Fluorene	10.327	166	489026	43.363	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.116	232	118361	41.666	ng	98
60) Diethylphthalate	10.210	149	514919	42.855	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	237208	43.520	ng	97
62) 4-Nitroaniline	10.380	138	113846	39.881	ng	97
63) Azobenzene	10.480	77	494366	42.349	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	75315	44.058	ng	82
66) n-Nitrosodiphenylamine	10.445	169	441043	42.600	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	142923	41.916	ng	100
68) Hexachlorobenzene	10.880	284	158790	45.741	ng	99
69) Atrazine	10.980	200	134077	47.611	ng	98
70) Pentachlorophenol	11.086	266	97132	70.942	ng	98
71) Phenanthrene	11.298	178	691807	42.515	ng	99
72) Anthracene	11.351	178	711507	42.197	ng	100
73) Carbazole	11.516	167	659933	41.965	ng	99
74) Di-n-butylphthalate	11.833	149	819897	42.465	ng	100
75) Fluoranthene	12.492	202	740364	40.995	ng	99
77) Benzidine	12.621	184	140199	30.694	ng	98
78) Pyrene	12.727	202	749846	45.080	ng	99
80) Butylbenzylphthalate	13.345	149	330412	45.203	ng	95
81) Benzo(a)anthracene	13.927	228	607112	44.157	ng	99
82) 3,3'-Dichlorobenzidine	13.886	252	155504	34.103	ng	98
83) Chrysene	13.963	228	550331	41.326	ng	100
84) Bis(2-ethylhexyl)phtha...	13.904	149	453521	45.779	ng	99
85) Di-n-octyl phthalate	14.521	149	678319	43.179	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	468105	52.390	ng	99
88) Benzo(b)fluoranthene	14.980	252	481431	52.458	ng	99
89) Benzo(k)fluoranthene	15.010	252	397179	44.577	ng	100
90) Benzo(a)pyrene	15.351	252	374032	43.341	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	388183	52.996	ng	97
92) Benzo(g,h,i)perylene	17.368	276	436942	58.073	ng	98

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

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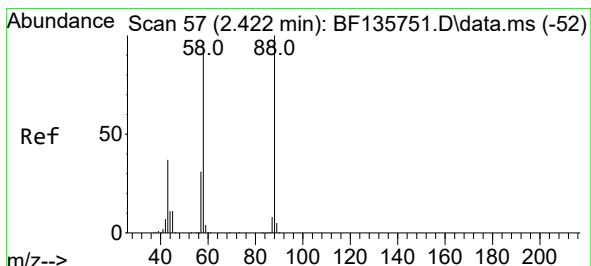
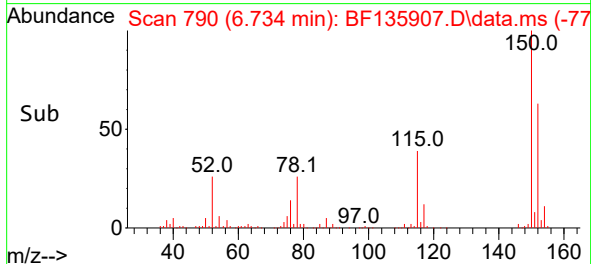
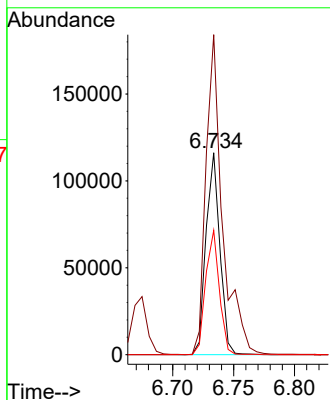
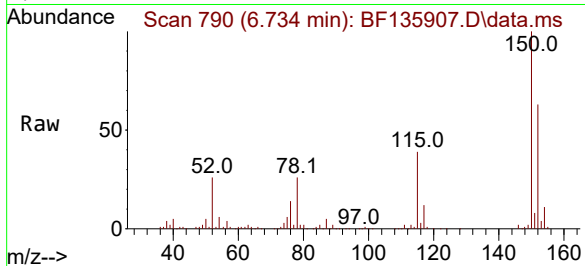




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF135907.D
 Acq: 20 Oct 2023 14:31

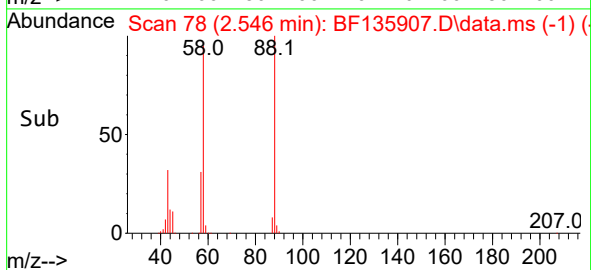
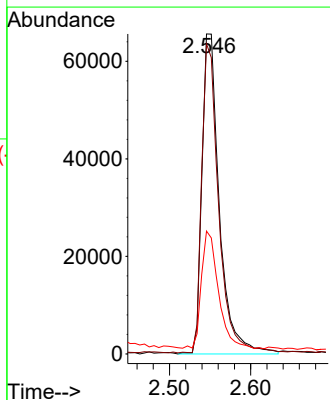
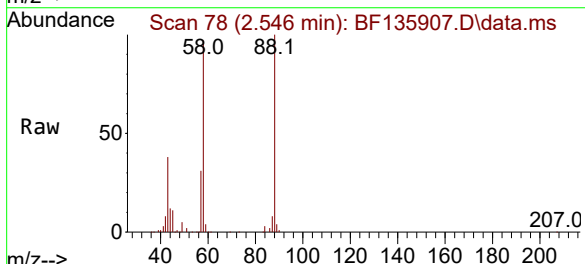
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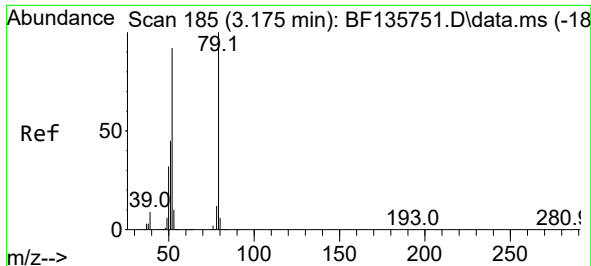
Tgt Ion:152 Resp: 91679
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.5 186.7
 115 61.5 49.0 73.4



#2
 1,4-Dioxane
 Concen: 35.576 ng
 RT: 2.546 min Scan# 78
 Delta R.T. 0.106 min
 Lab File: BF135907.D
 Acq: 20 Oct 2023 14:31

Tgt Ion: 88 Resp: 97850
 Ion Ratio Lower Upper
 88 100
 58 93.3 76.1 114.1
 43 36.1 29.8 44.8

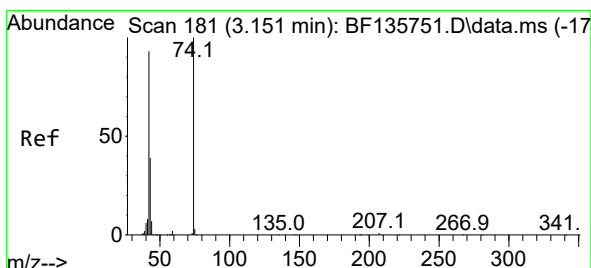
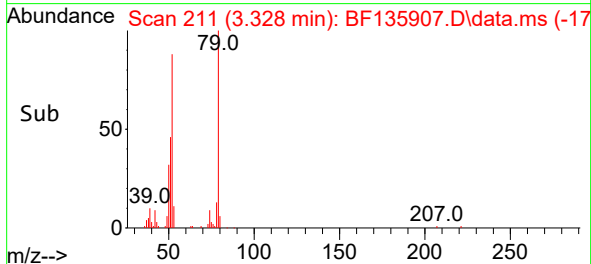
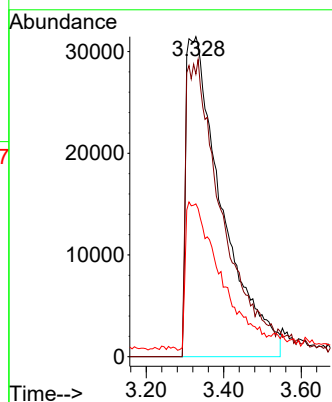
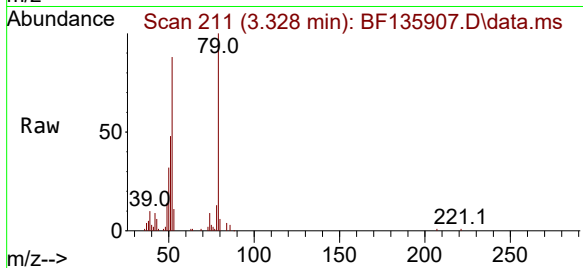




#3
Pyridine
Concen: 30.113 ng
RT: 3.328 min Scan# 21
Delta R.T. 0.141 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

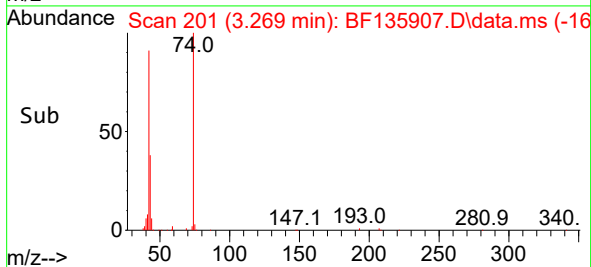
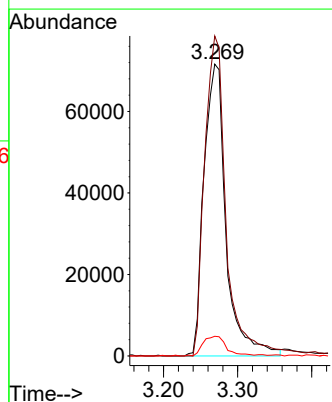
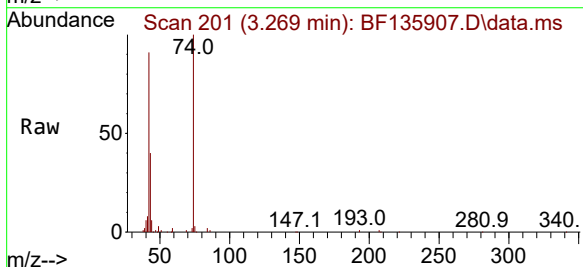
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ClientSampleId :
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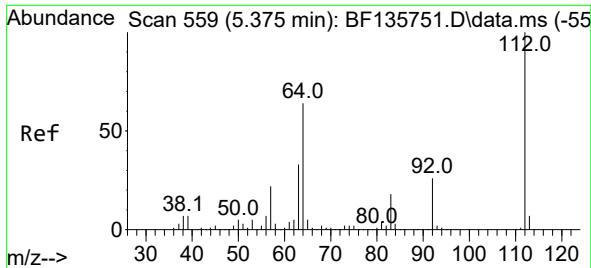
Tgt Ion: 79 Resp: 203217
Ion Ratio Lower Upper
79 100
52 88.3 73.4 110.2
51 47.7 36.5 54.7



#4
n-Nitrosodimethylamine
Concen: 40.828 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.100 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion: 42 Resp: 148172
Ion Ratio Lower Upper
42 100
74 109.7 86.5 129.7
44 6.8 5.9 8.9

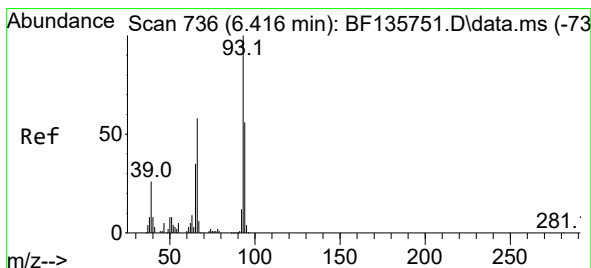
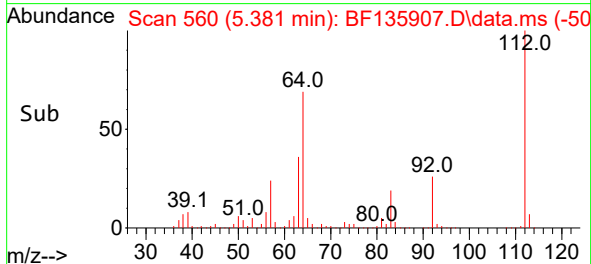
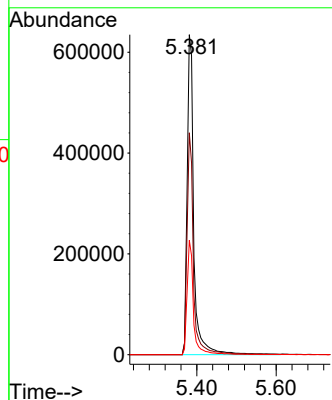
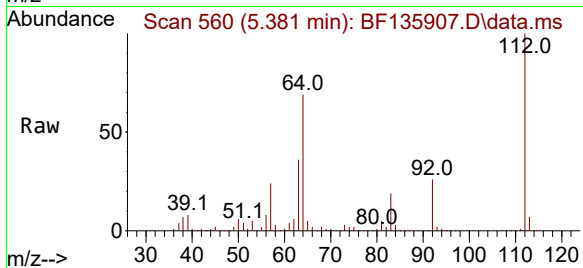




#5
2-Fluorophenol
Concen: 129.188 ng
RT: 5.381 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

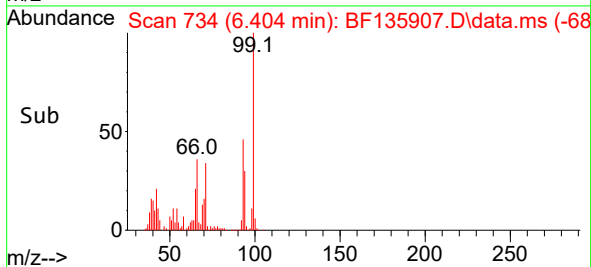
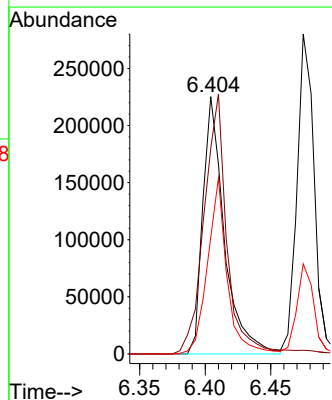
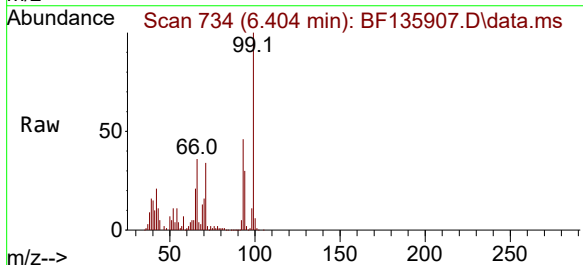
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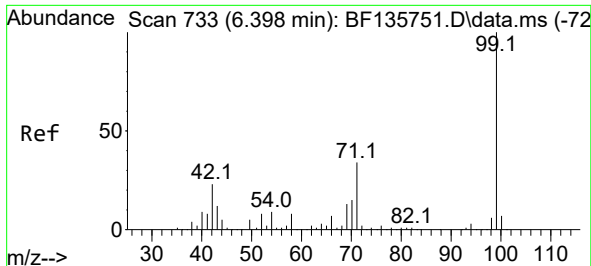
Tgt Ion:112 Resp: 736671
Ion Ratio Lower Upper
112 100
64 69.4 51.2 76.8
63 35.7 26.1 39.1



#6
Aniline
Concen: 28.760 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion: 93 Resp: 257507
Ion Ratio Lower Upper
93 100
66 79.9 47.6 71.4#
65 45.3 28.5 42.7#

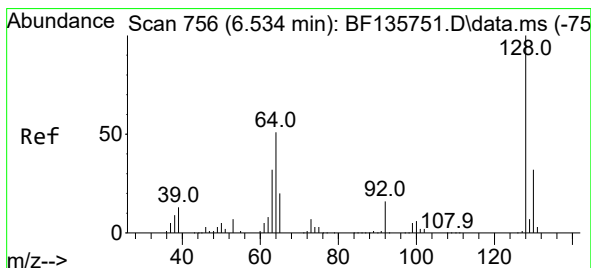
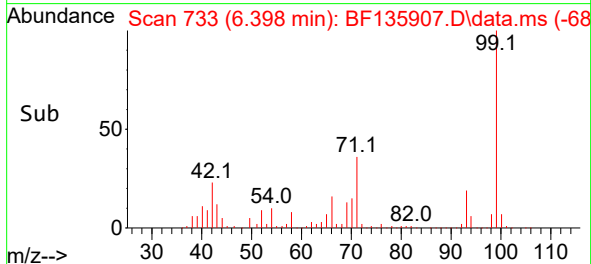
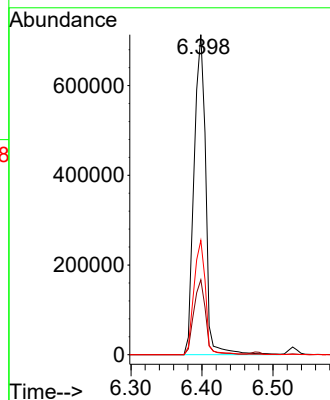
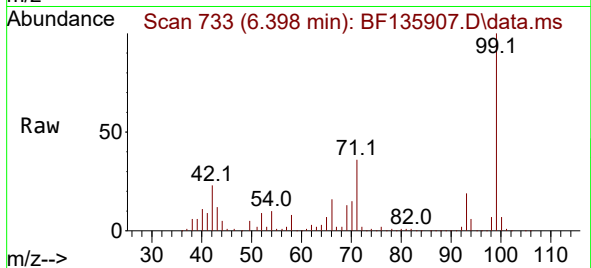




#7
Phenol-d6
Concen: 115.058 ng
RT: 6.398 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

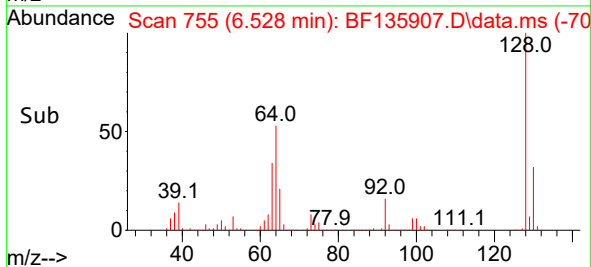
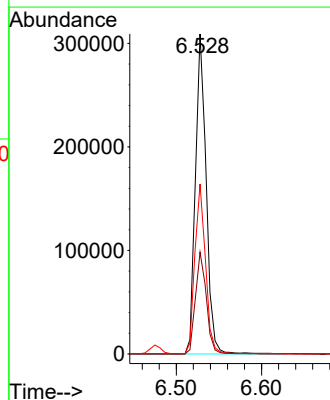
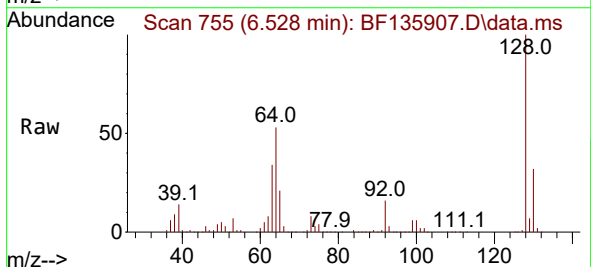
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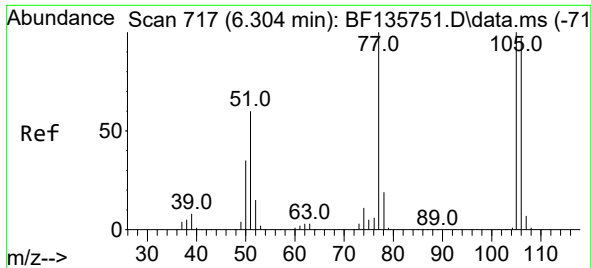
Tgt Ion: 99 Resp: 818628
Ion Ratio Lower Upper
99 100
42 23.4 18.4 27.6
71 35.7 27.2 40.8



#8
2-Chlorophenol
Concen: 44.149 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:128 Resp: 271483
Ion Ratio Lower Upper
128 100
130 31.8 12.4 52.4
64 53.1 32.3 72.3

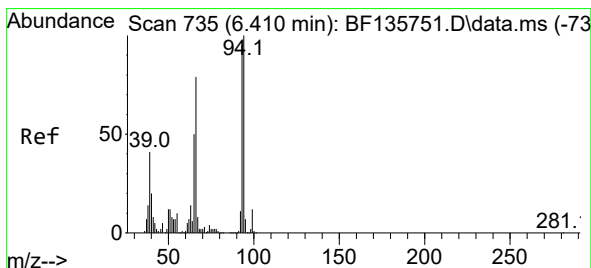
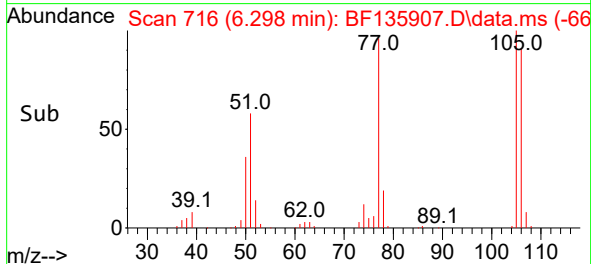
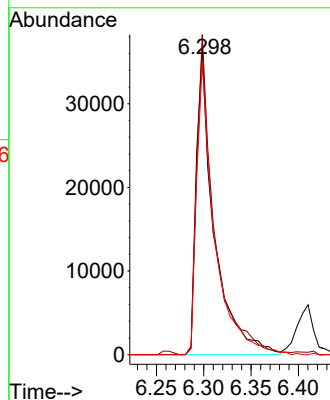
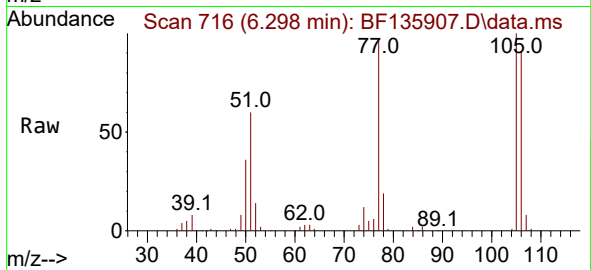




#9
Benzaldehyde
Concen: 11.843 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

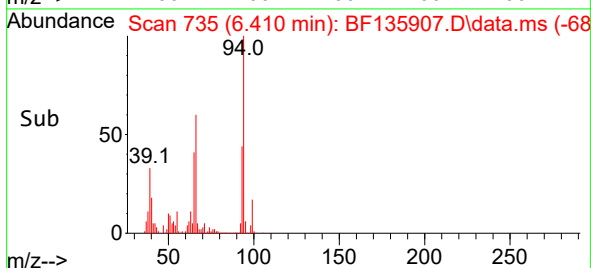
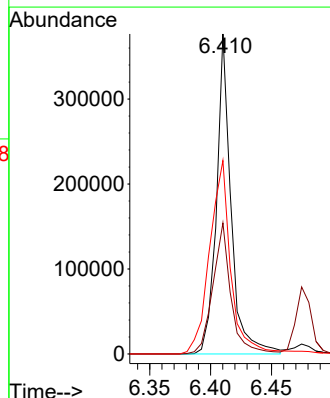
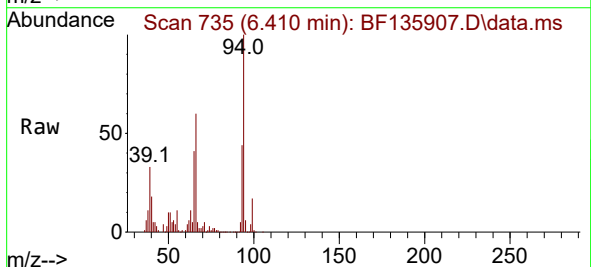
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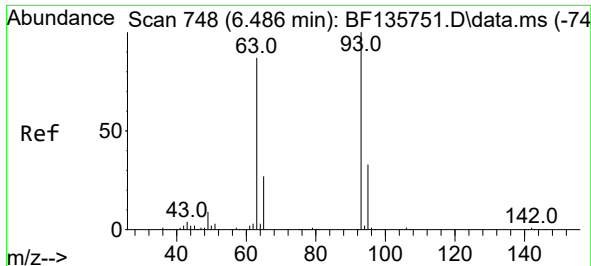
Tgt Ion: 77 Resp: 47958
Ion Ratio Lower Upper
77 100
105 104.5 79.9 119.9
106 95.3 77.1 117.1



#10
Phenol
Concen: 42.118 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion: 94 Resp: 313998
Ion Ratio Lower Upper
94 100
65 41.0 30.3 70.3
66 60.5 59.1 99.1





#11

bis(2-Chloroethyl)ether

Concen: 41.719 ng

RT: 6.475 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

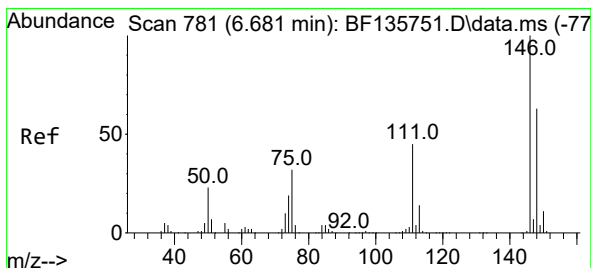
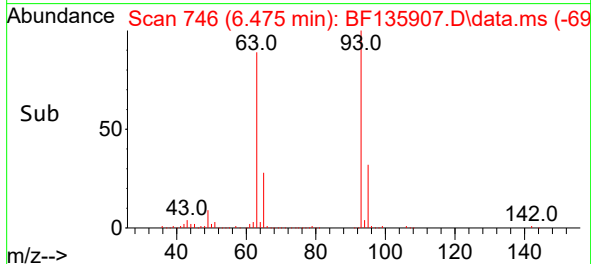
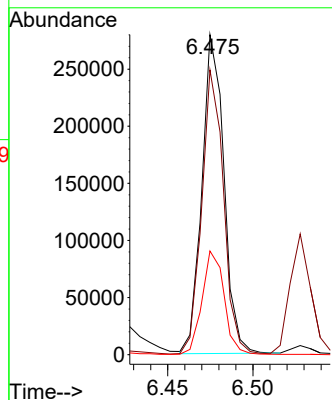
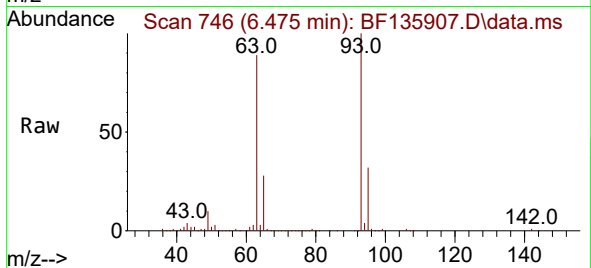
Tgt Ion: 93 Resp: 250607

Ion Ratio Lower Upper

93 100

63 89.0 66.3 106.3

95 32.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 43.431 ng

RT: 6.675 min Scan# 780

Delta R.T. -0.006 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

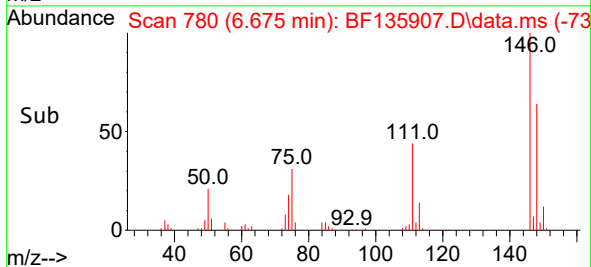
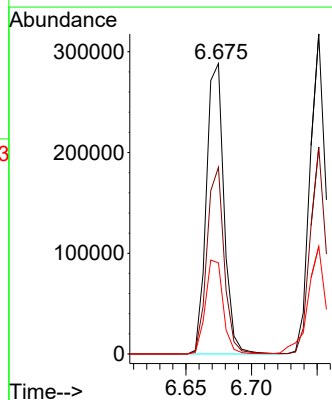
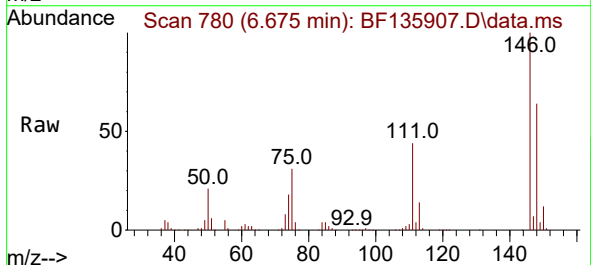
Tgt Ion: 146 Resp: 270751

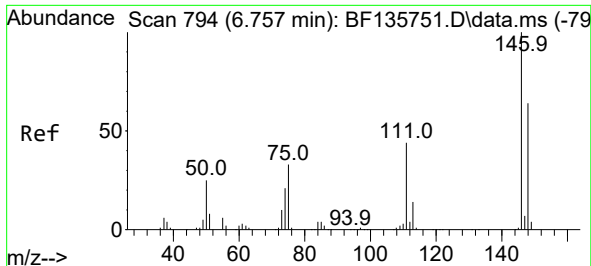
Ion Ratio Lower Upper

146 100

148 64.3 50.2 75.4

75 31.3 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 43.629 ng

RT: 6.751 min Scan# 794

Delta R.T. -0.006 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

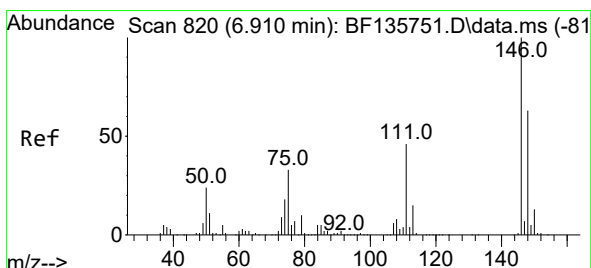
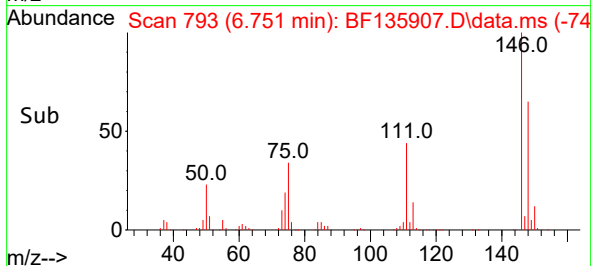
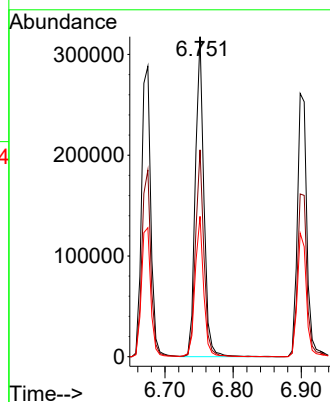
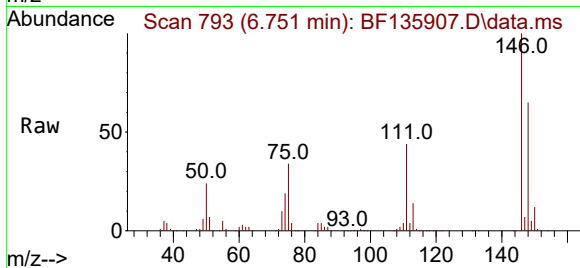
Tgt Ion:146 Resp: 275527

Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.6

111 43.9 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 44.509 ng

RT: 6.898 min Scan# 818

Delta R.T. -0.012 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

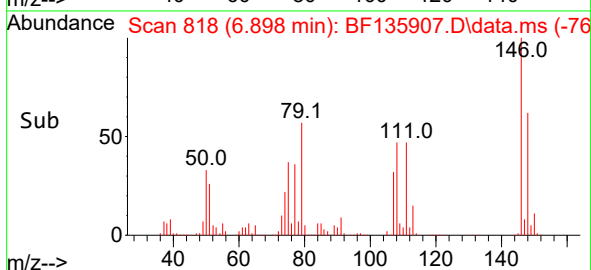
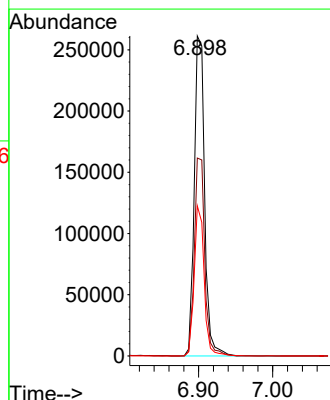
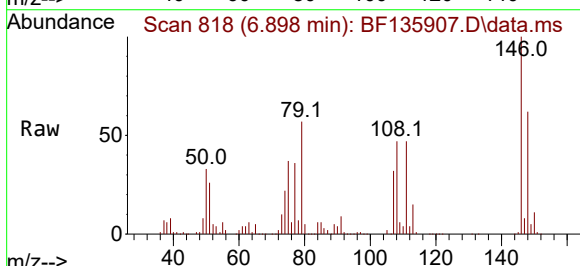
Tgt Ion:146 Resp: 253092

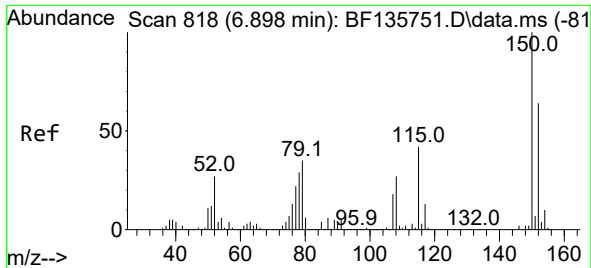
Ion Ratio Lower Upper

146 100

148 61.8 50.2 75.2

111 46.9 37.1 55.7

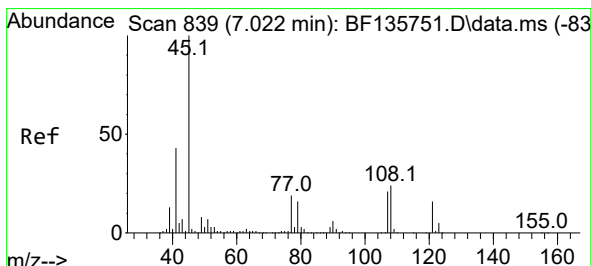
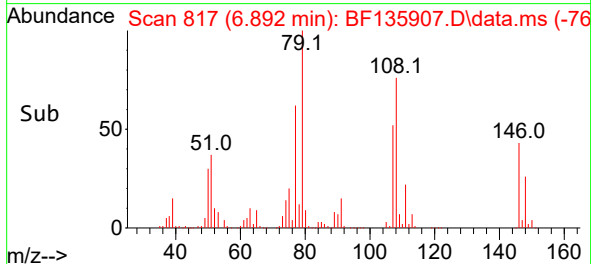
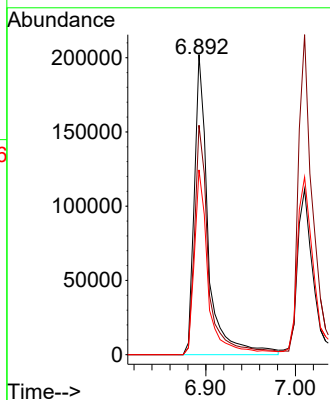
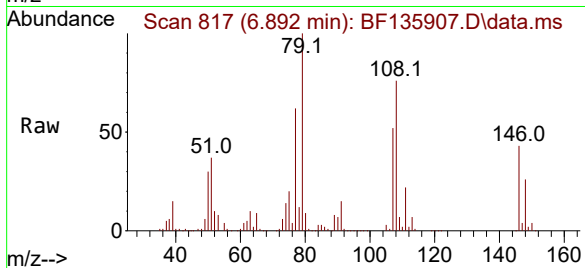




#15
Benzyl Alcohol
Concen: 45.920 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

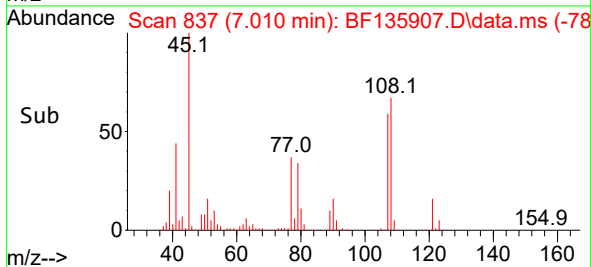
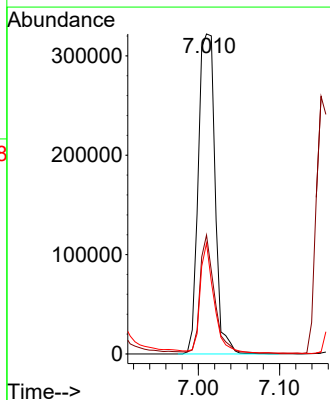
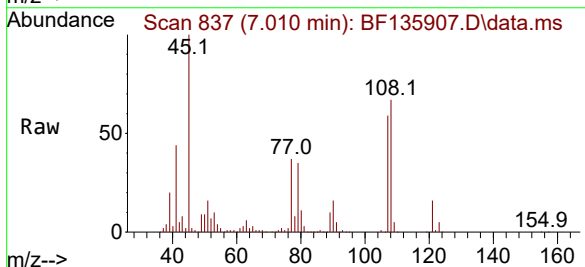
Instrument :
BNA_F
ClientSampleId :
PB156209BSD

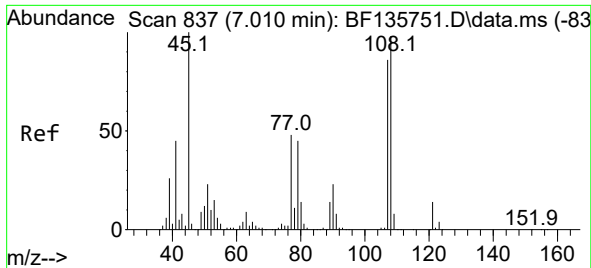
Tgt Ion: 79 Resp: 217236
Ion Ratio Lower Upper
79 100
108 76.4 62.0 93.0
77 61.6 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.598 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion: 45 Resp: 462790
Ion Ratio Lower Upper
45 100
77 37.1 0.0 39.8
79 34.6 0.0 37.6

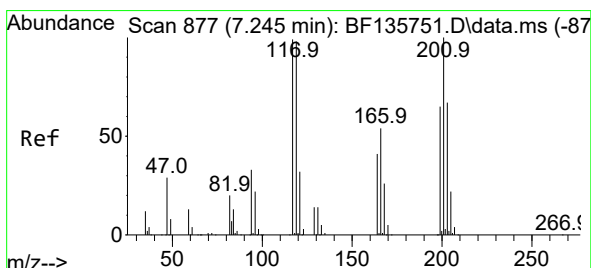
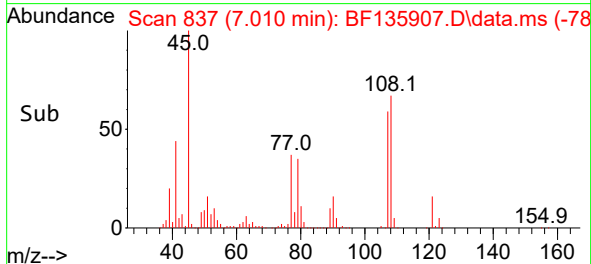
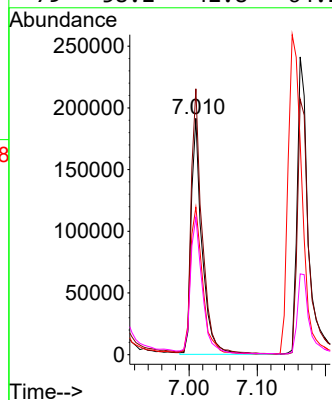
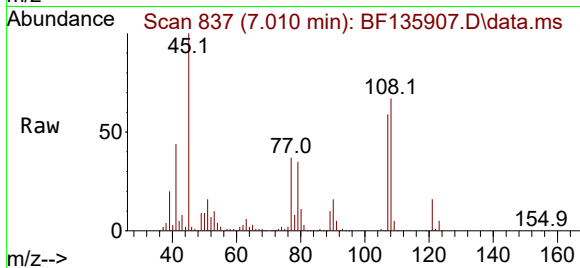




#17
2-Methylphenol
Concen: 39.469 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

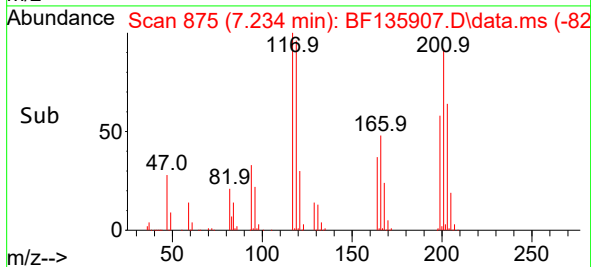
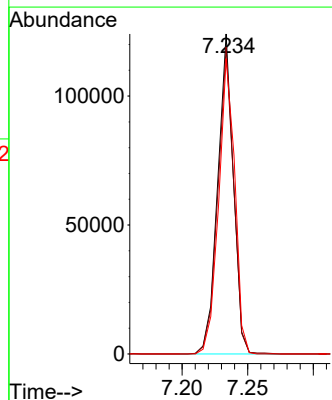
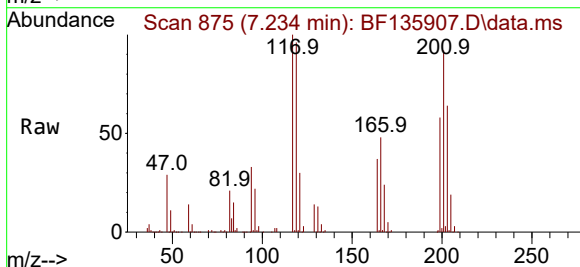
Instrument :
BNA_F
ClientSampleId :
PB156209BSD

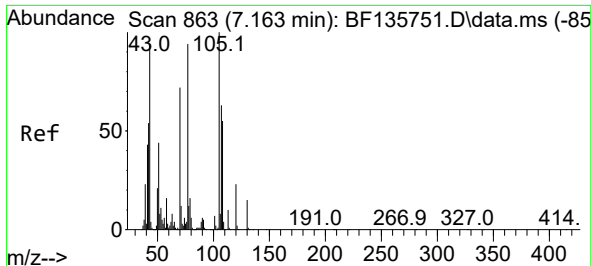
Tgt Ion:107 Resp: 210105
Ion Ratio Lower Upper
107 100
108 112.5 91.8 137.6
77 62.5 45.4 68.0
79 58.2 42.8 64.2



#18
Hexachloroethane
Concen: 44.846 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:117 Resp: 102686
Ion Ratio Lower Upper
117 100
119 95.9 79.5 119.3
201 92.3 80.9 121.3



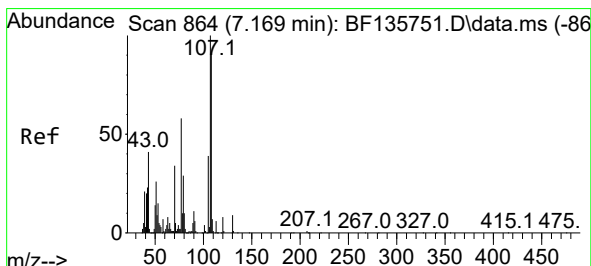
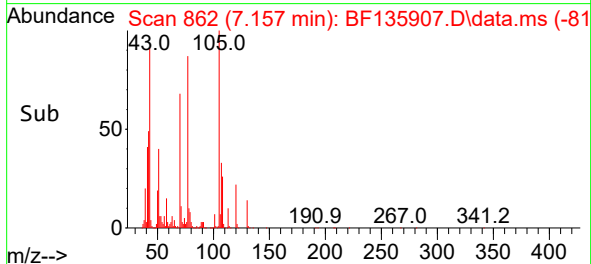
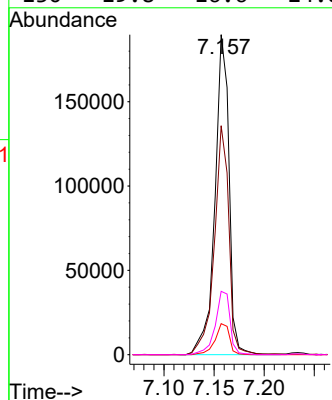
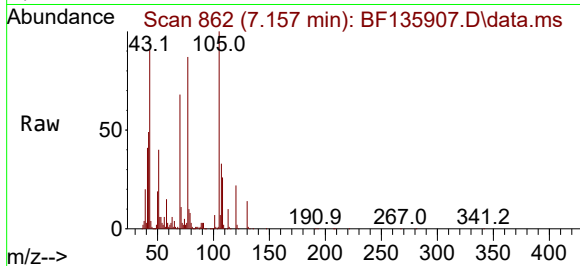


#19
n-Nitroso-di-n-propylamine
Concen: 42.093 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Instrument :
BNA_F
ClientSampleId :
PB156209BSD

Tgt Ion: 70 Resp: 185178

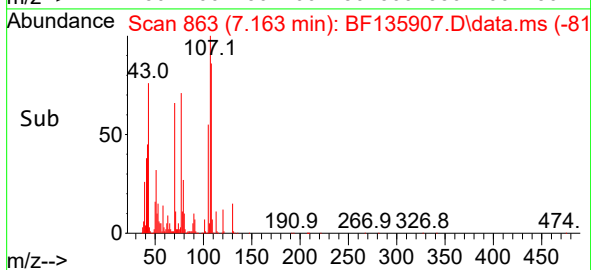
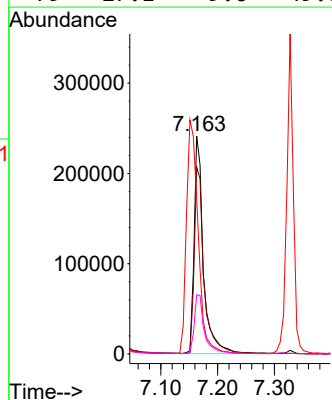
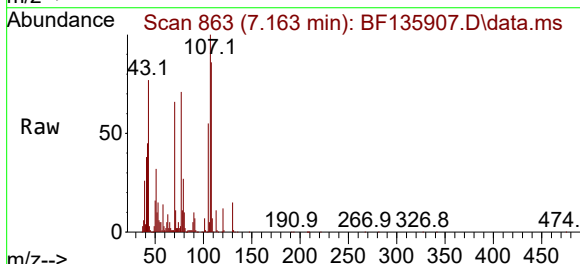
Ion	Ratio	Lower	Upper
70	100		
42	71.6	59.8	89.6
101	9.7	7.4	11.2
130	19.8	16.6	24.8

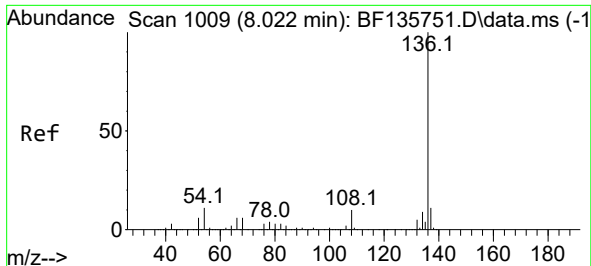


#20
3+4-Methylphenols
Concen: 41.512 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion: 107 Resp: 275485

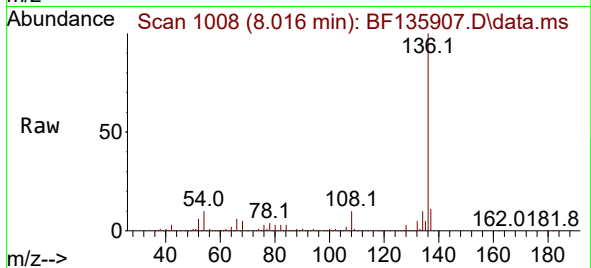
Ion	Ratio	Lower	Upper
107	100		
108	85.7	71.1	111.1
77	71.1	42.0	82.0
79	27.1	9.6	49.6



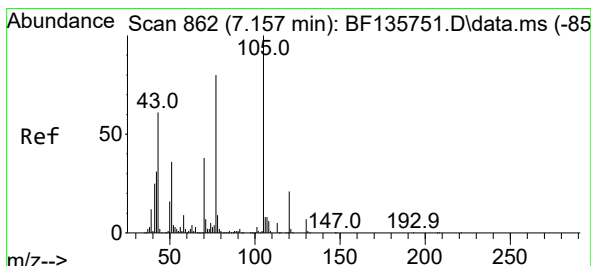
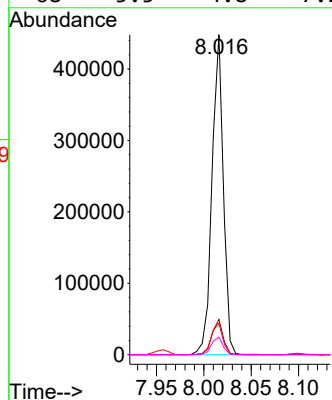
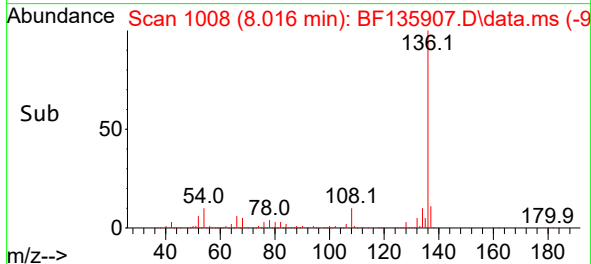


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

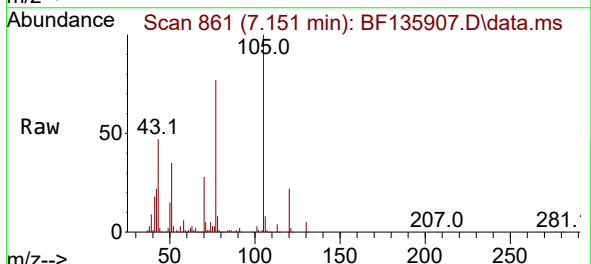
Instrument :
BNA_F
ClientSampleId :
PB156209BSD



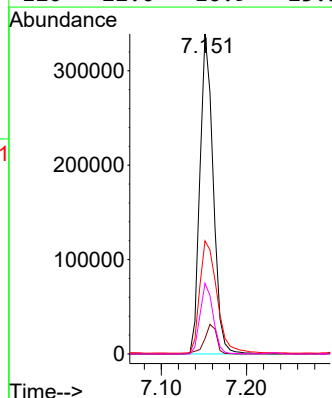
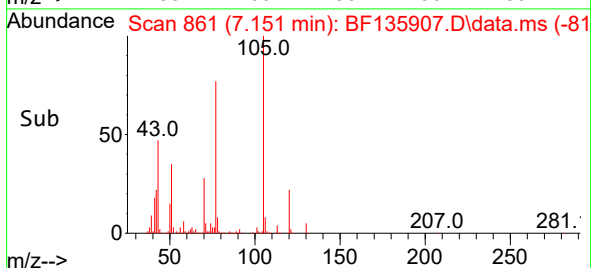
Tgt Ion:136 Resp: 372237
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.8 8.5 12.7
68 5.5 4.8 7.2

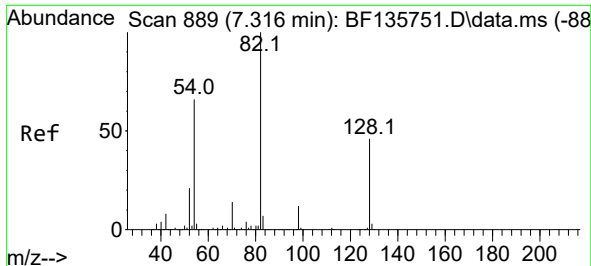


#22
Acetophenone
Concen: 42.973 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31



Tgt Ion:105 Resp: 366856
Ion Ratio Lower Upper
105 100
71 4.8 5.4 8.0#
51 35.4 29.4 44.0
120 22.0 16.9 25.3





#23

Nitrobenzene-d5

Concen: 80.687 ng

RT: 7.310 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

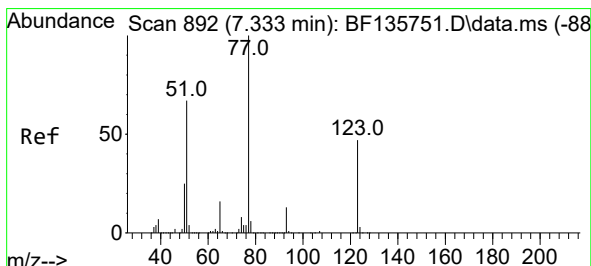
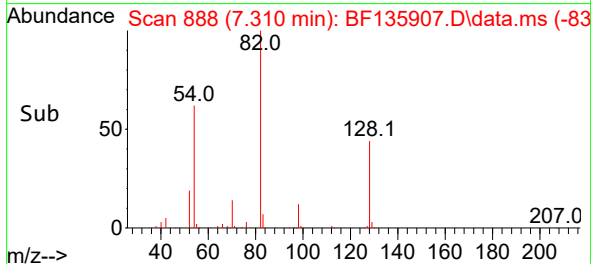
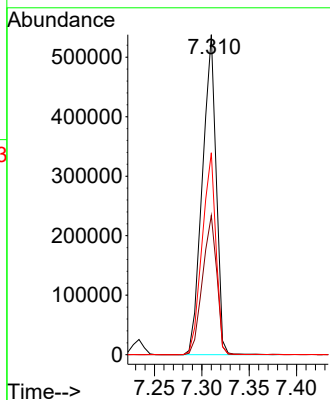
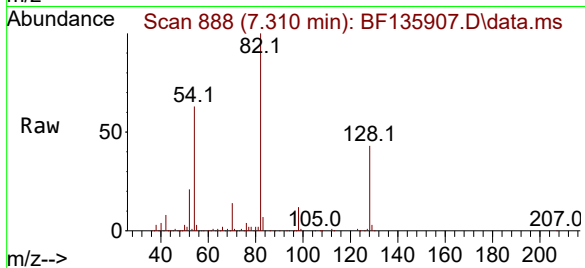
Tgt Ion: 82 Resp: 546091

Ion Ratio Lower Upper

82 100

128 43.5 37.0 55.6

54 63.1 52.8 79.2



#24

Nitrobenzene

Concen: 42.203 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

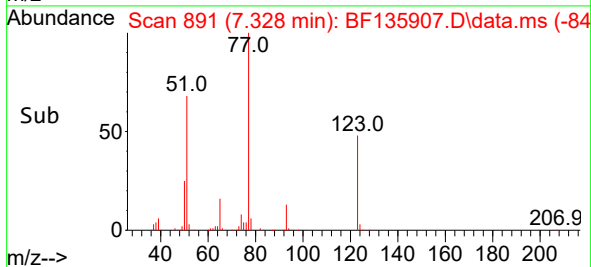
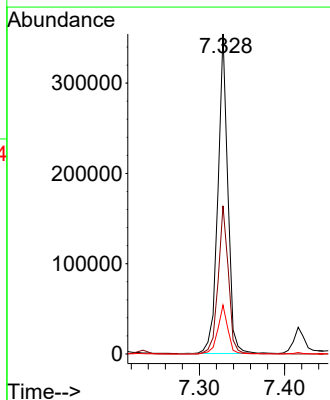
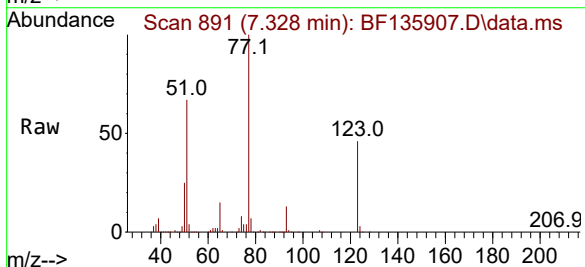
Tgt Ion: 77 Resp: 286670

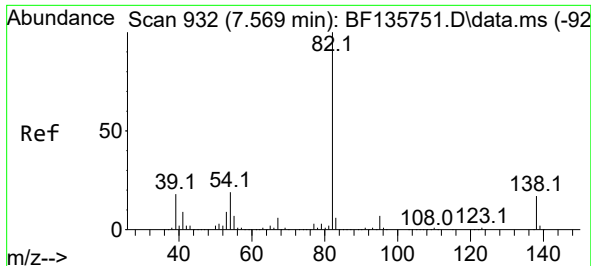
Ion Ratio Lower Upper

77 100

123 46.3 37.3 55.9

65 15.2 12.6 18.8

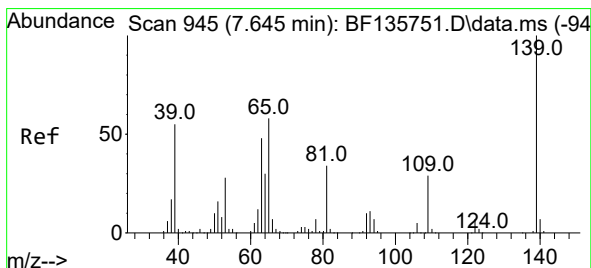
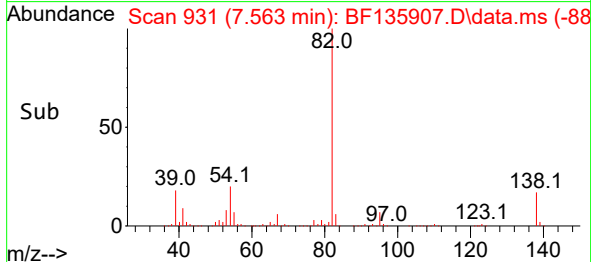
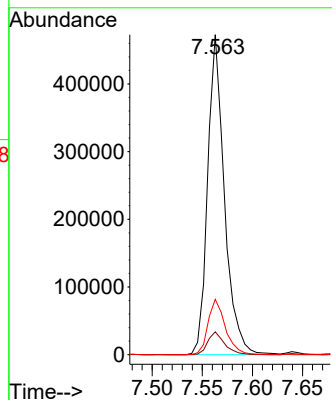
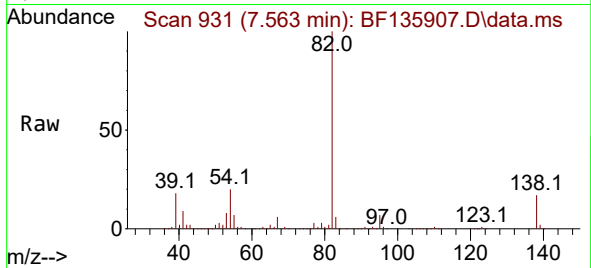




#25
Isophorone
Concen: 43.303 ng
RT: 7.563 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

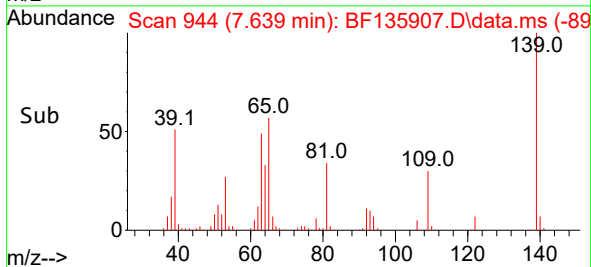
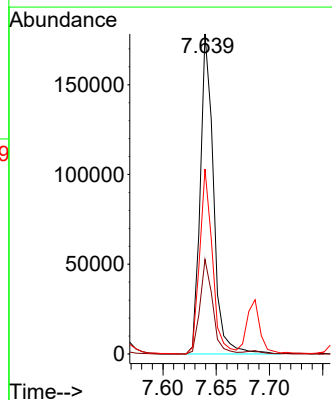
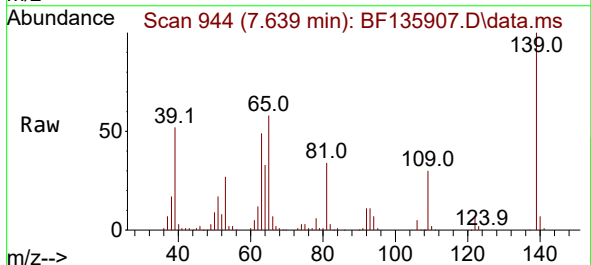
Instrument :
BNA_F
ClientSampleId :
PB156209BSD

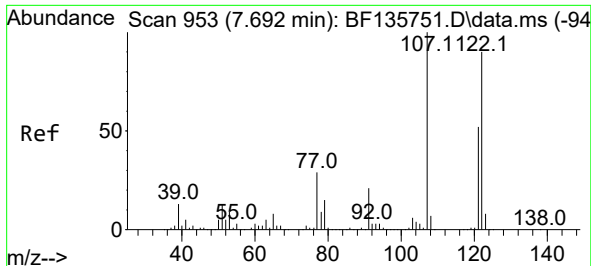
Tgt Ion: 82 Resp: 552911
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.3 13.9 20.9



#26
2-Nitrophenol
Concen: 46.788 ng
RT: 7.639 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:139 Resp: 155096
Ion Ratio Lower Upper
139 100
109 29.6 23.0 34.4
65 57.8 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 42.667 ng

RT: 7.686 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

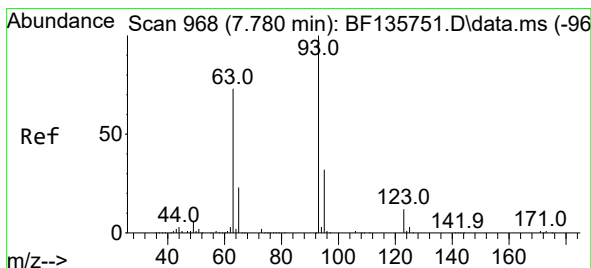
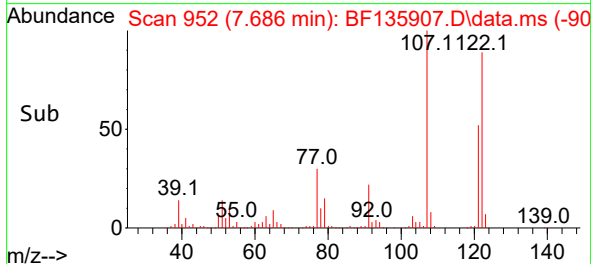
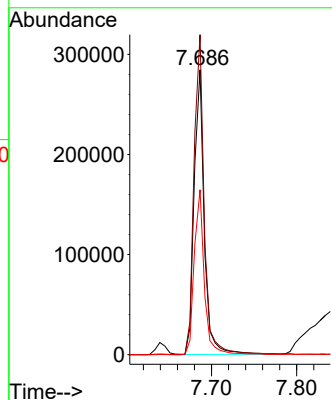
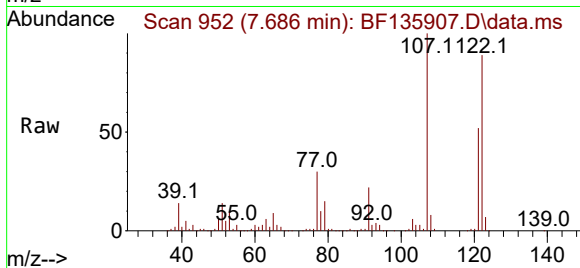
Tgt Ion:122 Resp: 232838

Ion Ratio Lower Upper

122 100

107 112.3 88.2 132.4

121 57.9 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 43.648 ng

RT: 7.769 min Scan# 966

Delta R.T. -0.012 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

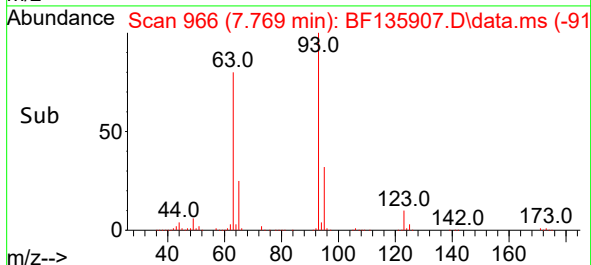
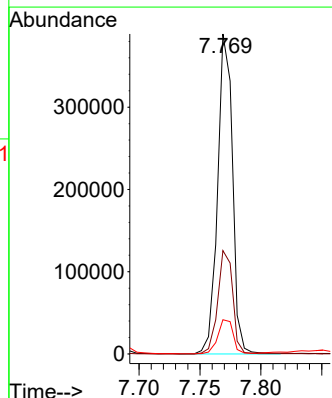
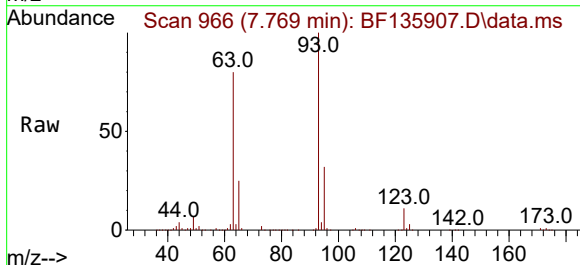
Tgt Ion: 93 Resp: 331897

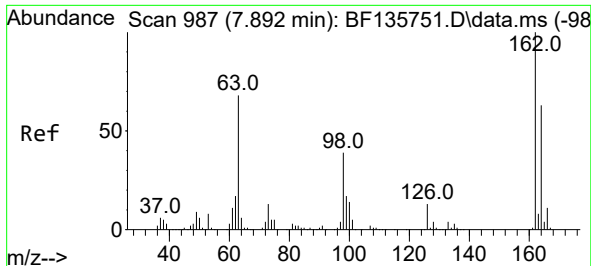
Ion Ratio Lower Upper

93 100

95 32.3 25.7 38.5

123 10.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 46.910 ng

RT: 7.886 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

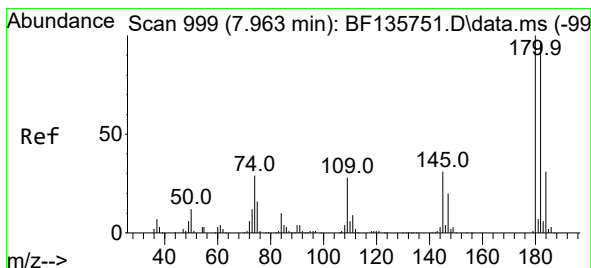
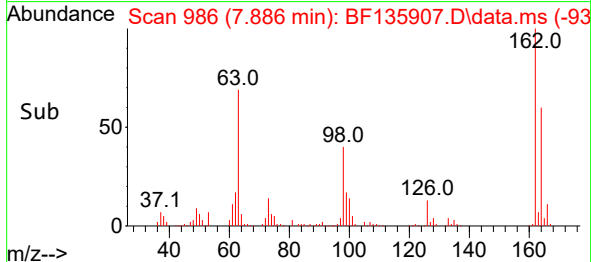
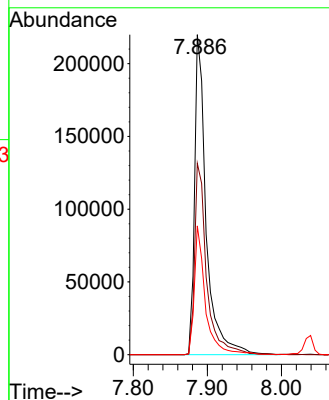
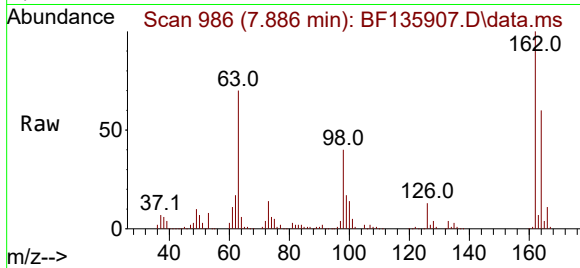
Tgt Ion:162 Resp: 239897

Ion Ratio Lower Upper

162 100

164 59.8 43.4 83.4

98 40.2 19.0 59.0



#30

1,2,4-Trichlorobenzene

Concen: 45.882 ng

RT: 7.957 min Scan# 998

Delta R.T. -0.012 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

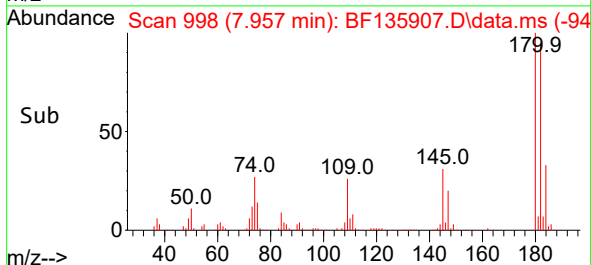
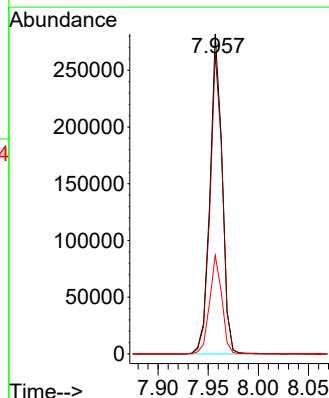
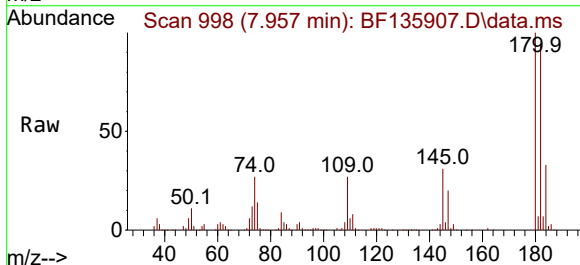
Tgt Ion:180 Resp: 239984

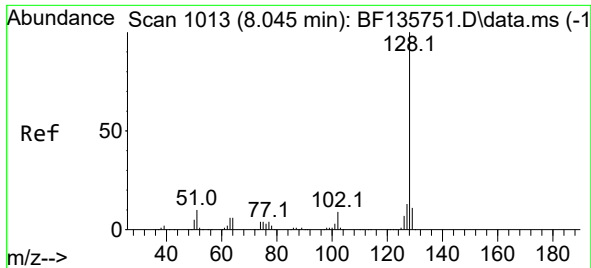
Ion Ratio Lower Upper

180 100

182 94.1 76.4 114.6

145 30.8 25.0 37.6

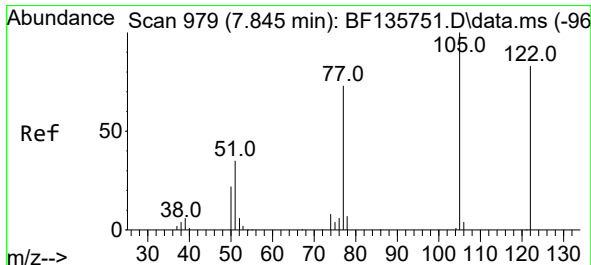
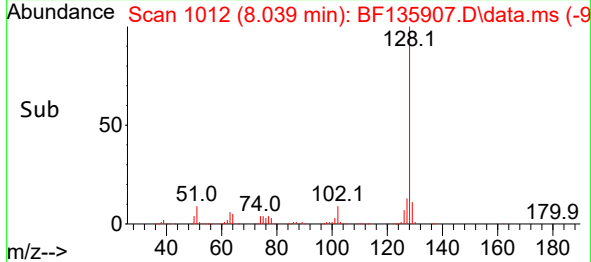
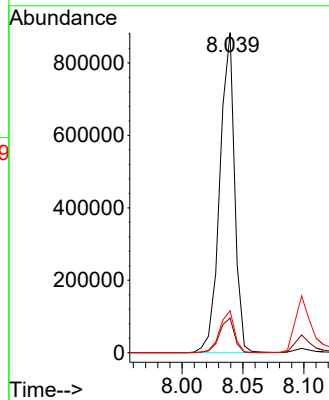
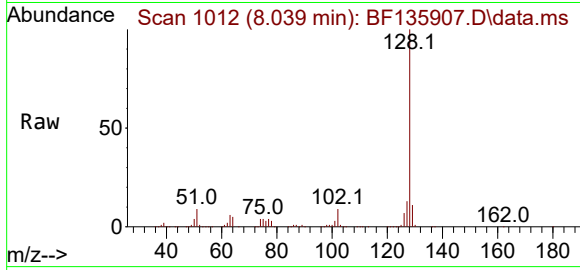




#31
Naphthalene
Concen: 41.172 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

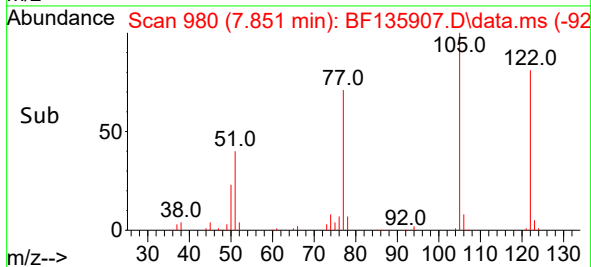
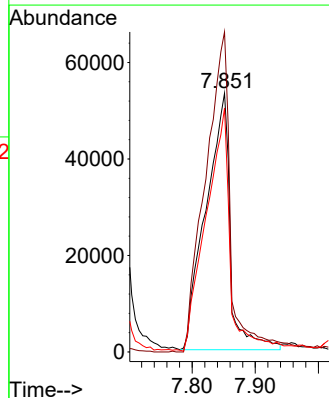
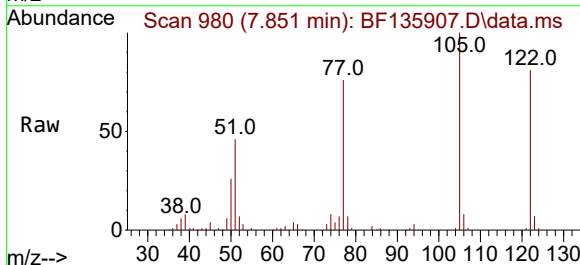
Instrument :
BNA_F
ClientSampleId :
PB156209BSD

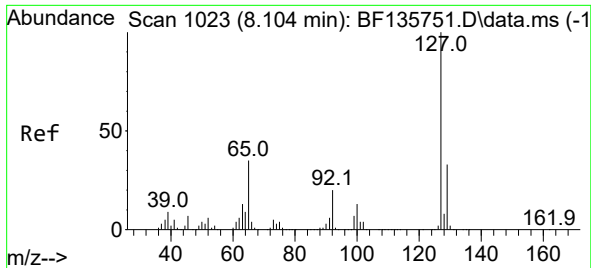
Tgt Ion:128 Resp: 747518
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 38.672 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.000 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:122 Resp: 142849
Ion Ratio Lower Upper
122 100
105 123.7 98.7 138.7
77 94.3 67.8 107.8

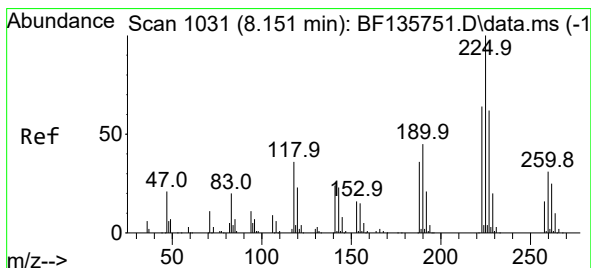
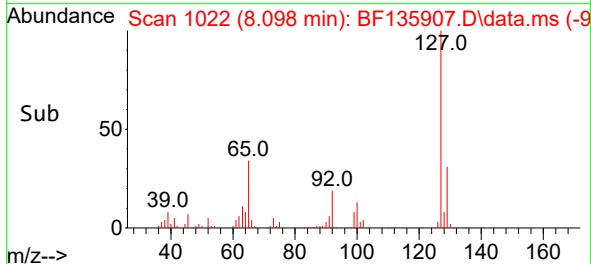
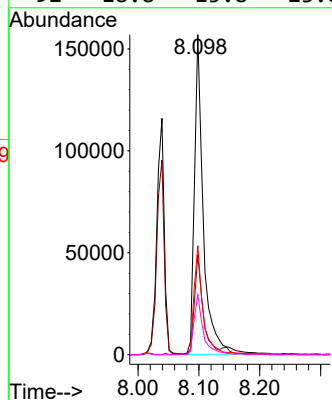
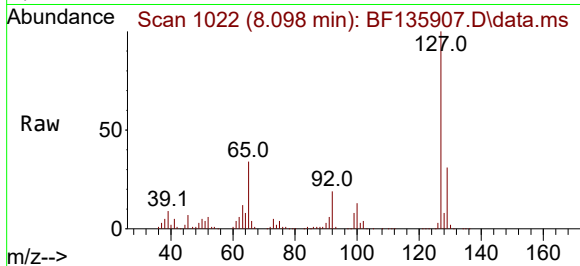




#33
4-Chloroaniline
Concen: 20.295 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

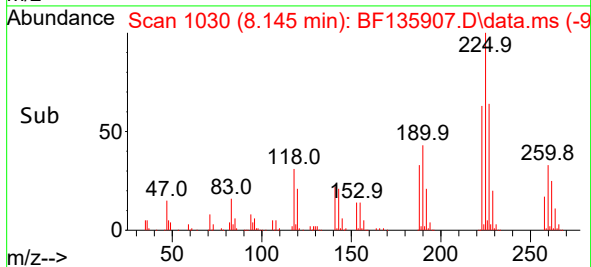
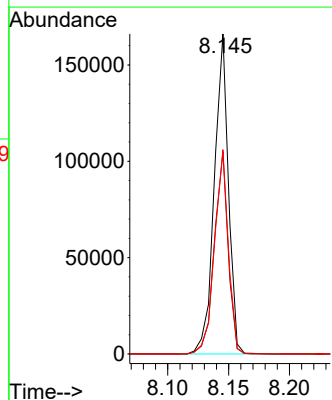
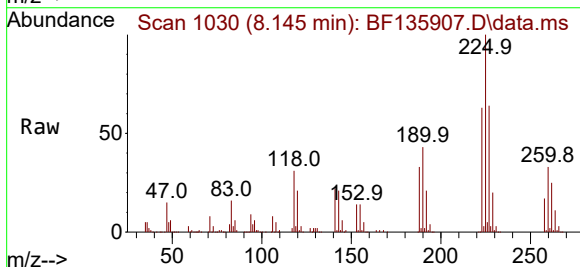
Instrument :
BNA_F
ClientSampleId :
PB156209BSD

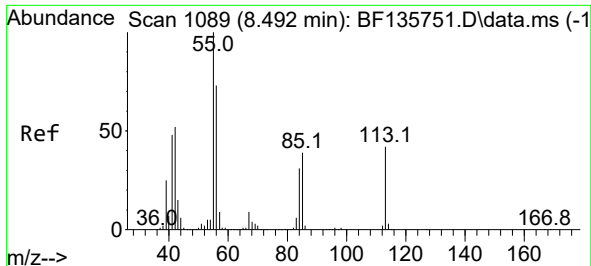
Tgt Ion:	127	Resp:	160961
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.5	39.7
65	34.1	27.9	41.9
92	18.8	15.8	23.8



#34
Hexachlorobutadiene
Concen: 43.339 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:	225	Resp:	134178
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.1	76.7
227	63.9	49.7	74.5

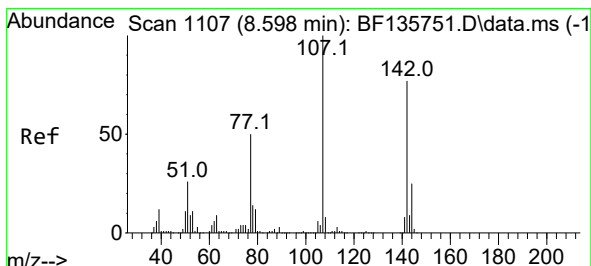
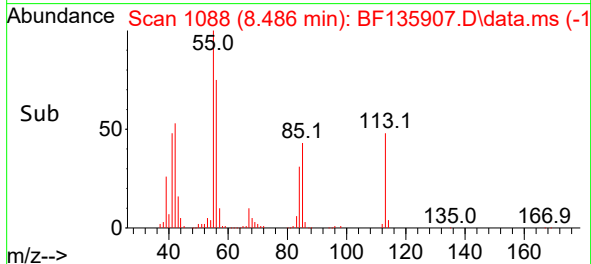
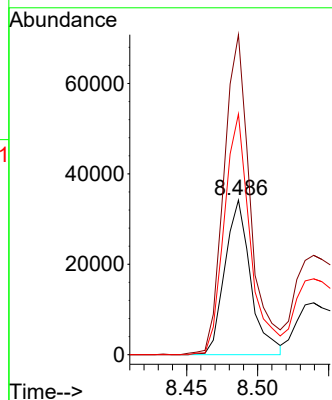
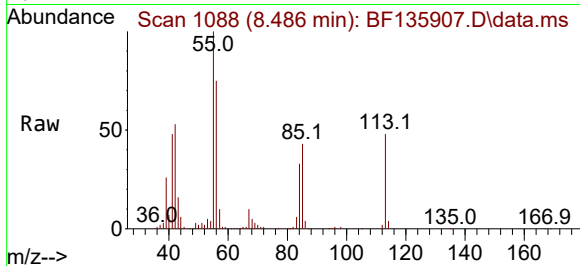




#35
 Caprolactam
 Concen: 24.791 ng
 RT: 8.486 min Scan# 1088
 Delta R.T. -0.012 min
 Lab File: BF135907.D
 Acq: 20 Oct 2023 14:31

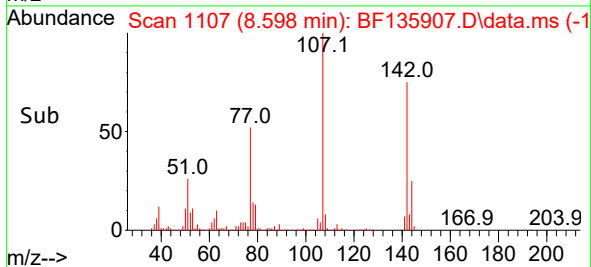
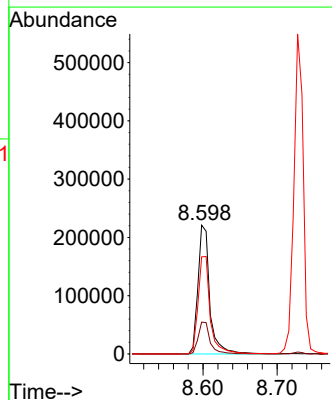
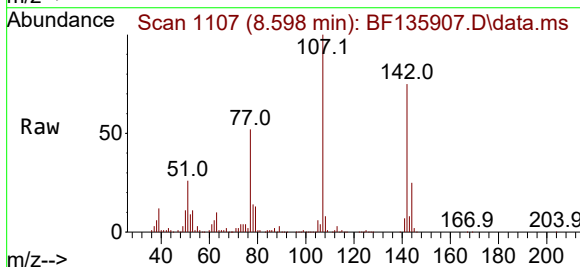
Instrument :
 BNA_F
 ClientSampleId :
 PB156209BSD

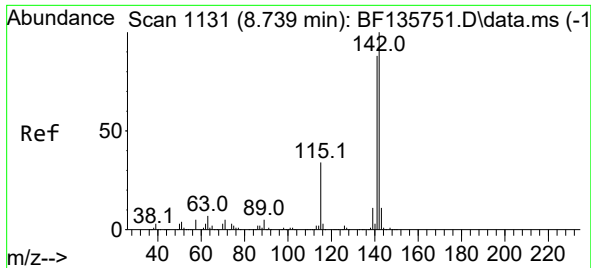
Tgt Ion:113 Resp: 43340
 Ion Ratio Lower Upper
 113 100
 55 207.1 217.4 257.4#
 56 155.8 153.1 193.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.119 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF135907.D
 Acq: 20 Oct 2023 14:31

Tgt Ion:107 Resp: 244537
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.8 29.8
 142 75.3 61.3 91.9





#37

2-Methylnaphthalene

Concen: 40.122 ng

RT: 8.728 min Scan# 1129

Delta R.T. -0.012 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

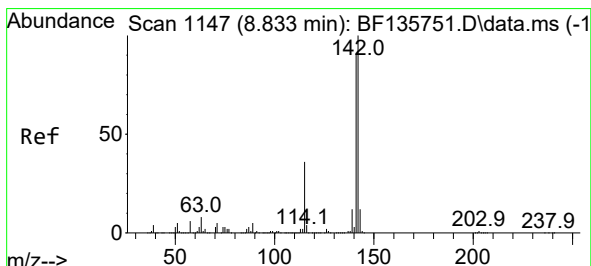
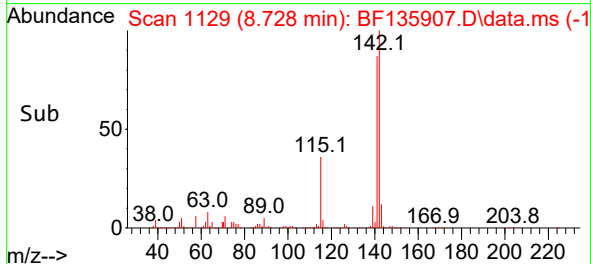
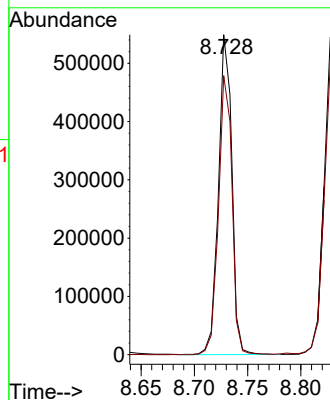
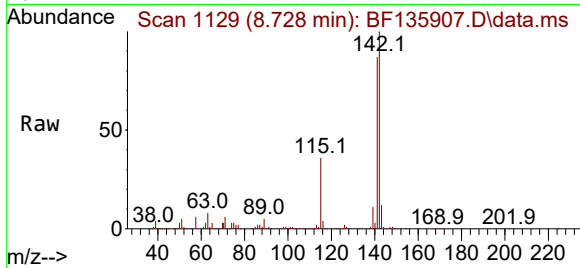
PB156209BSD

Tgt Ion:142 Resp: 479946

Ion Ratio Lower Upper

142 100

141 87.2 70.6 105.8



#38

1-Methylnaphthalene

Concen: 41.144 ng

RT: 8.828 min Scan# 1146

Delta R.T. -0.012 min

Lab File: BF135907.D

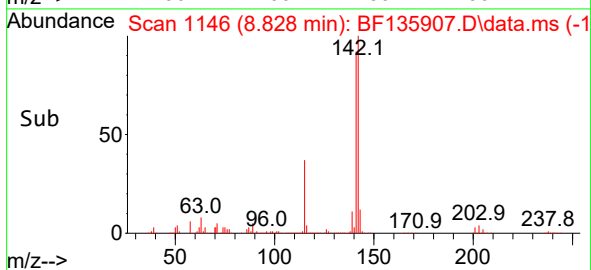
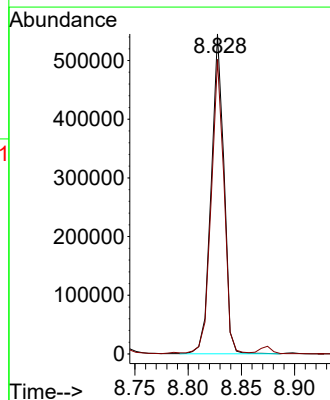
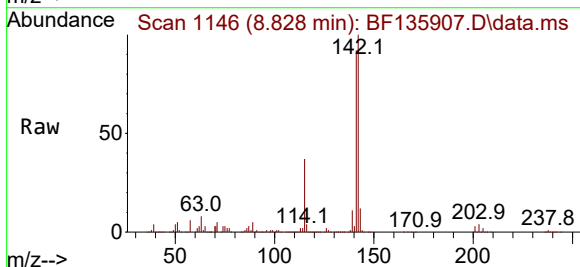
Acq: 20 Oct 2023 14:31

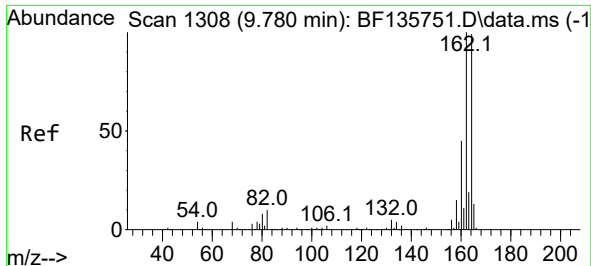
Tgt Ion:142 Resp: 453944

Ion Ratio Lower Upper

142 100

141 92.0 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

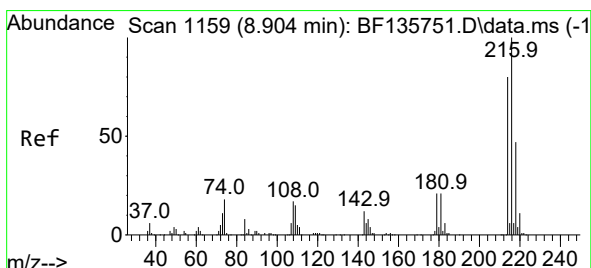
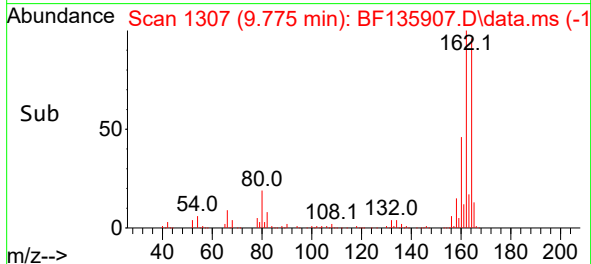
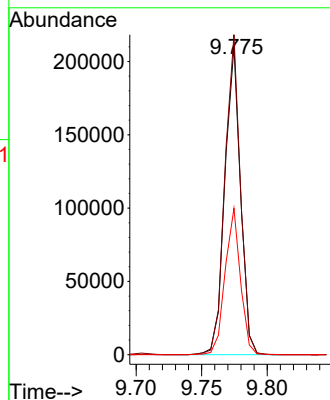
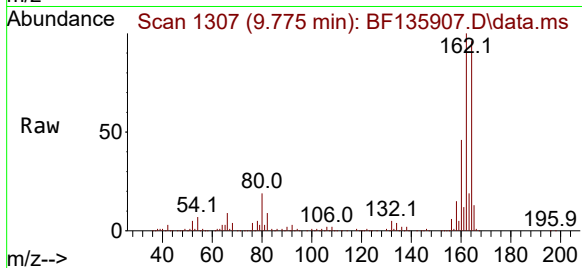
Tgt Ion:164 Resp: 174347

Ion Ratio Lower Upper

164 100

162 103.7 80.8 121.2

160 47.5 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.004 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.012 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Tgt Ion:216 Resp: 235735

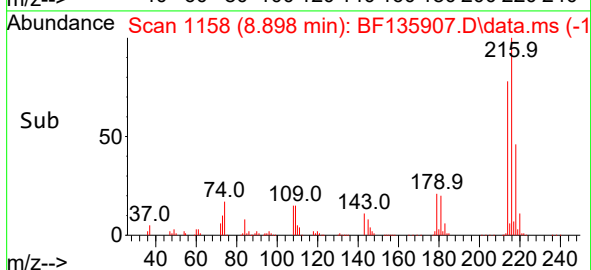
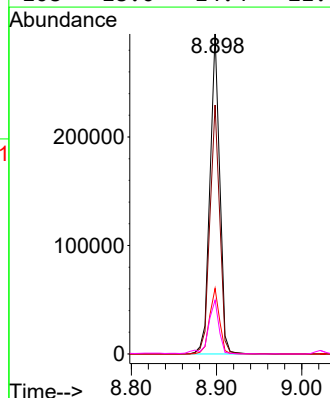
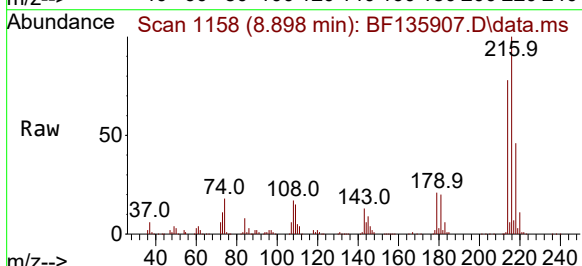
Ion Ratio Lower Upper

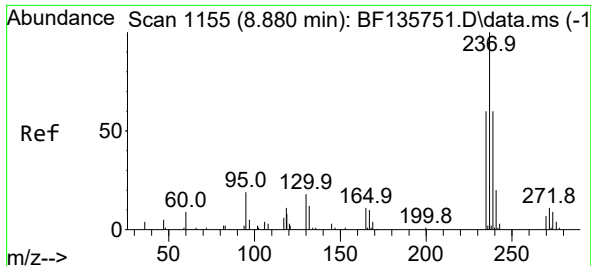
216 100

214 78.0 64.0 96.0

179 20.8 16.9 25.3

108 18.0 14.4 21.6

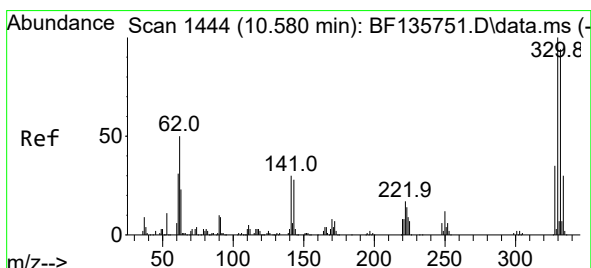
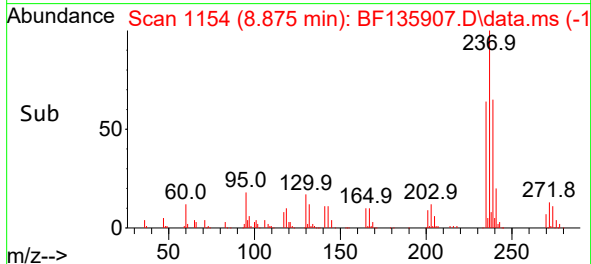
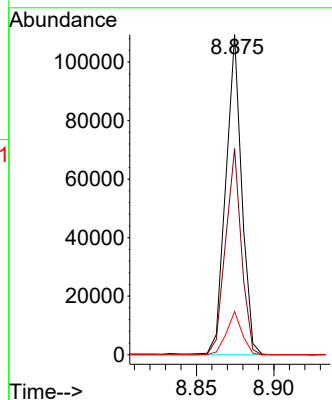
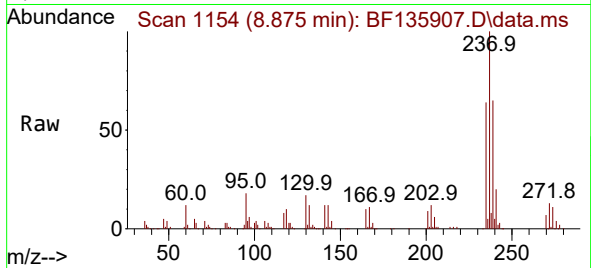




#41
Hexachlorocyclopentadiene
Concen: 77.528 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

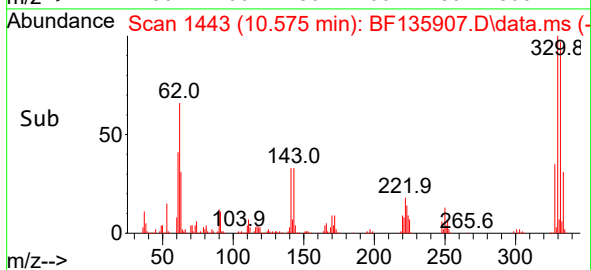
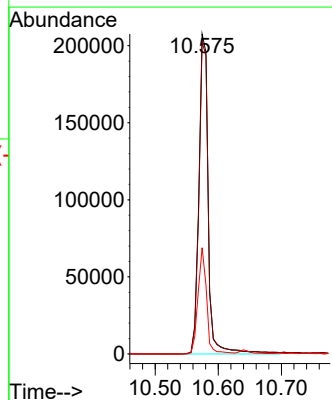
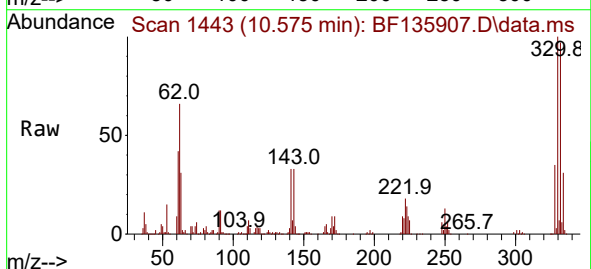
Instrument :
BNA_F
ClientSampleId :
PB156209BSD

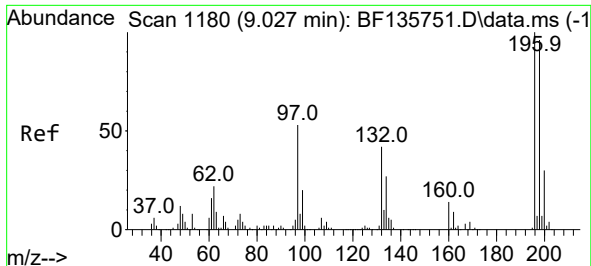
Tgt Ion:237 Resp: 78156
Ion Ratio Lower Upper
237 100
235 64.4 40.0 80.0
272 13.5 0.0 30.9



#42
2,4,6-Tribromophenol
Concen: 127.325 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:330 Resp: 213014
Ion Ratio Lower Upper
330 100
332 97.3 75.0 112.4
141 30.5 25.8 38.6

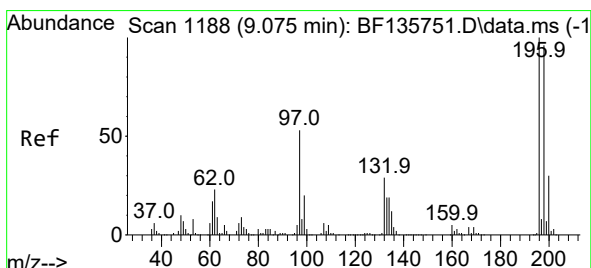
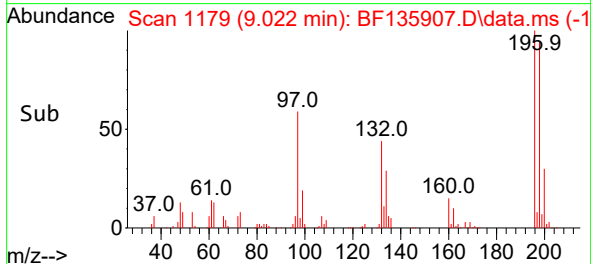
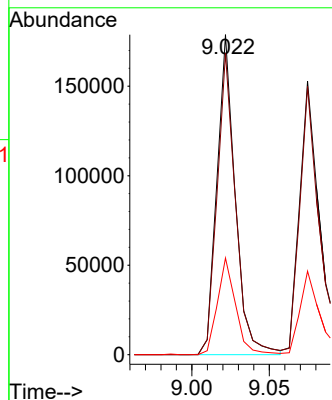
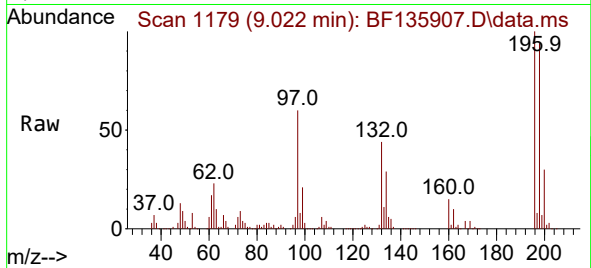




#43
2,4,6-Trichlorophenol
Concen: 45.417 ng
RT: 9.022 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

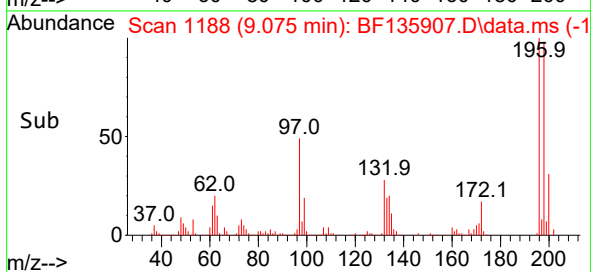
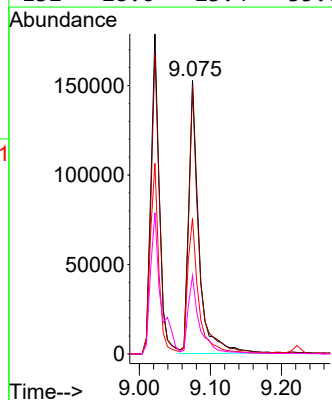
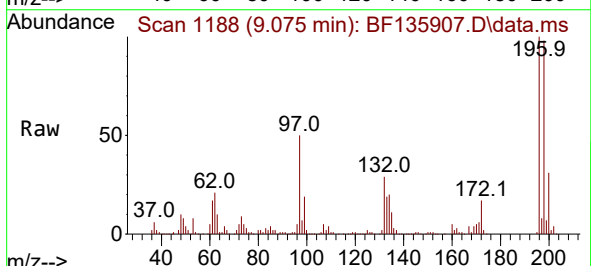
Instrument :
BNA_F
ClientSampleId :
PB156209BSD

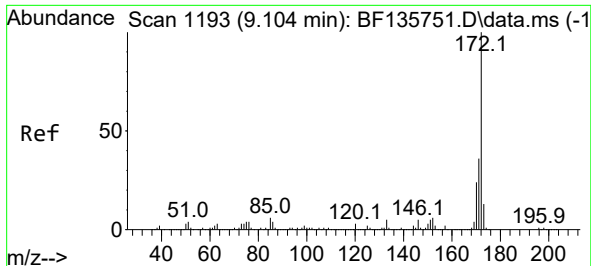
Tgt Ion:196 Resp: 146780
Ion Ratio Lower Upper
196 100
198 94.2 76.7 115.1
200 30.2 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 40.878 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:196 Resp: 153657
Ion Ratio Lower Upper
196 100
198 98.1 77.0 115.6
97 49.7 42.2 63.2
132 28.6 23.4 35.0

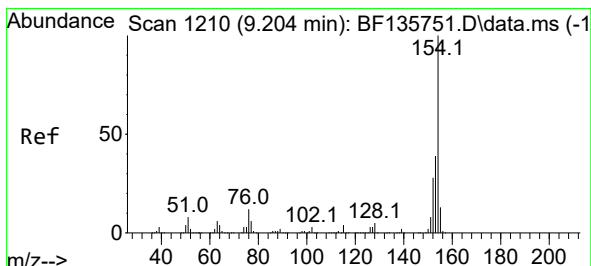
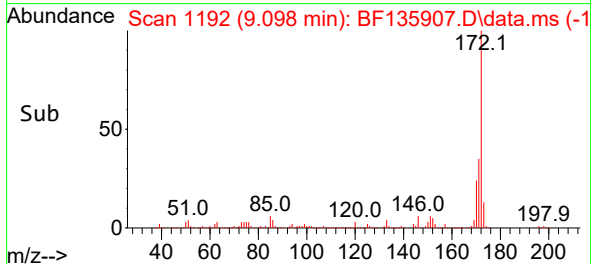
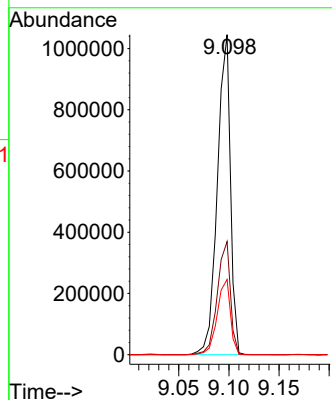
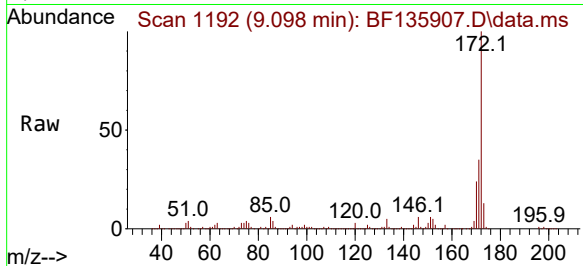




#45
2-Fluorobiphenyl
Concen: 84.787 ng
RT: 9.098 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

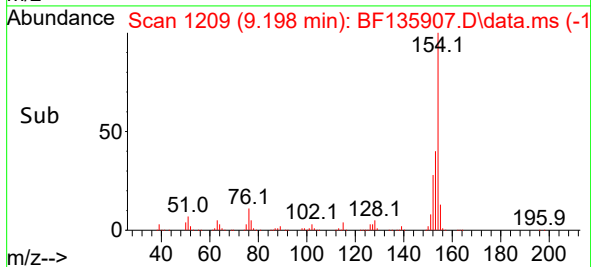
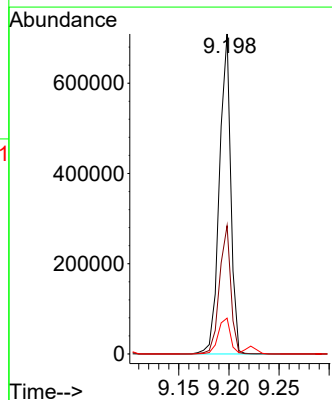
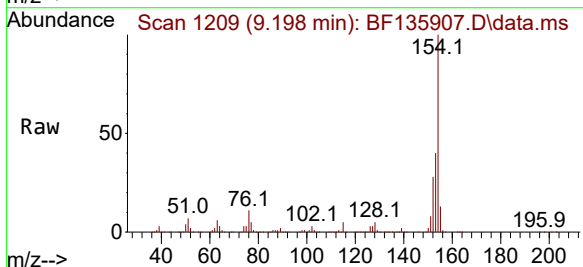
Instrument :
BNA_F
ClientSampleId :
PB156209BSD

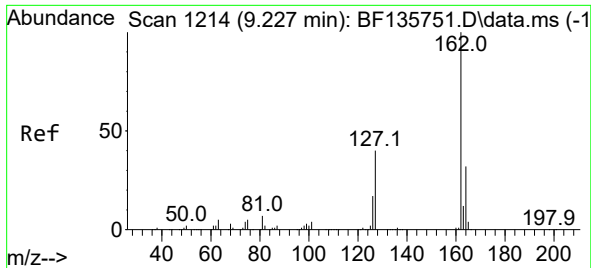
Tgt Ion:172 Resp: 945456
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.5 18.8 28.2



#46
1,1'-Biphenyl
Concen: 41.592 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:154 Resp: 555477
Ion Ratio Lower Upper
154 100
153 40.1 19.4 59.4
76 11.2 0.0 31.7

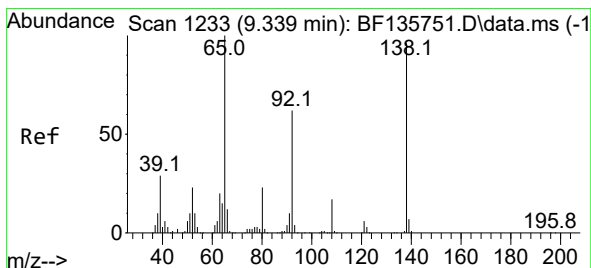
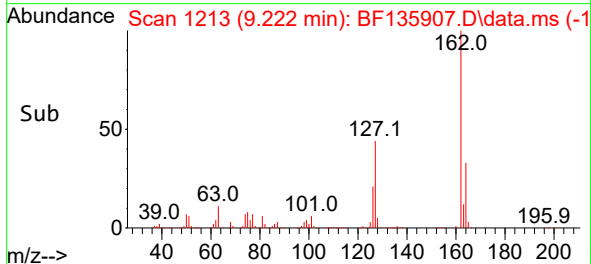
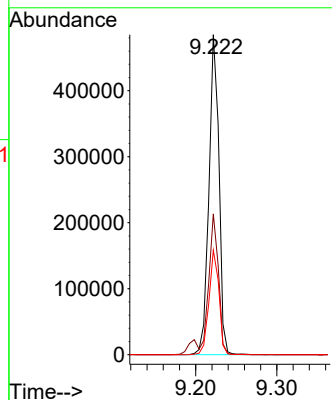
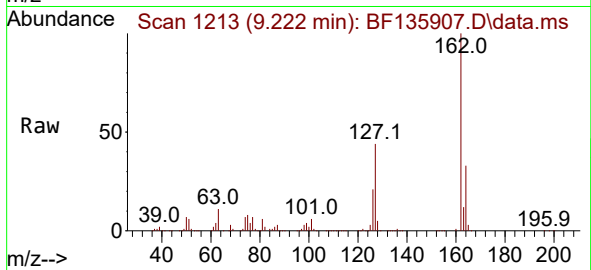




#47
2-Chloronaphthalene
Concen: 42.984 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

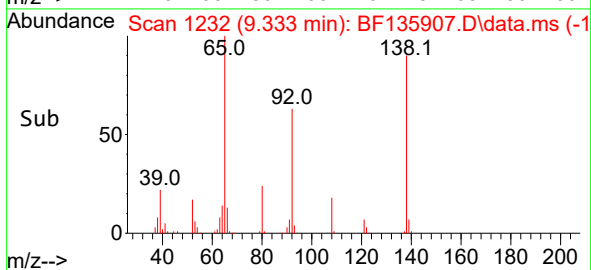
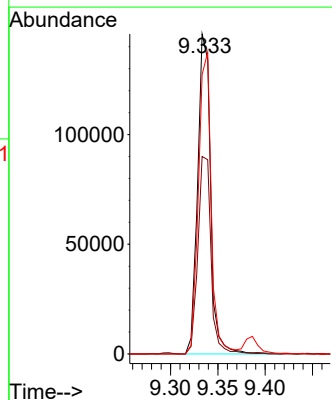
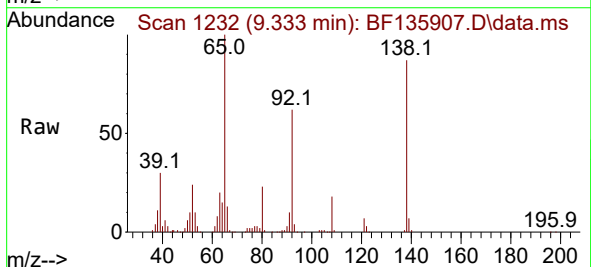
Instrument :
BNA_F
ClientSampleId :
PB156209BSD

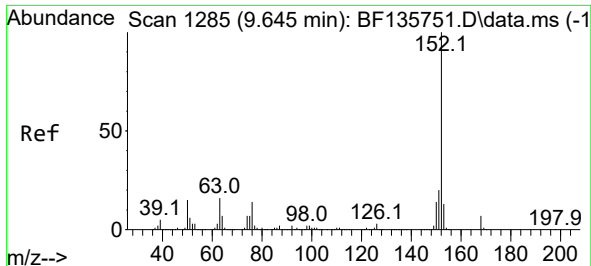
Tgt Ion:162 Resp: 413729
Ion Ratio Lower Upper
162 100
127 44.0 34.7 52.1
164 32.7 25.6 38.4



#48
2-Nitroaniline
Concen: 36.582 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion: 65 Resp: 138983
Ion Ratio Lower Upper
65 100
92 61.7 49.4 74.0
138 87.2 76.6 114.8





#49

Acenaphthylene

Concen: 42.990 ng

RT: 9.639 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

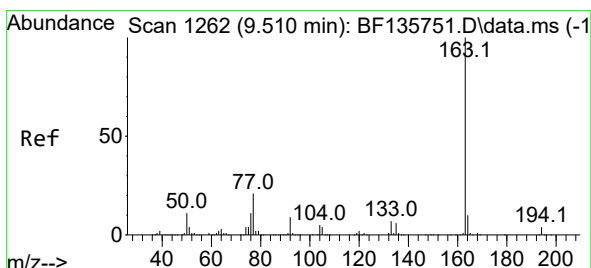
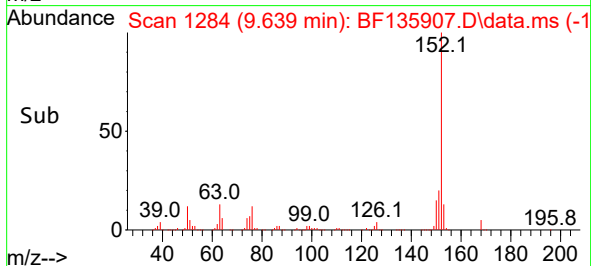
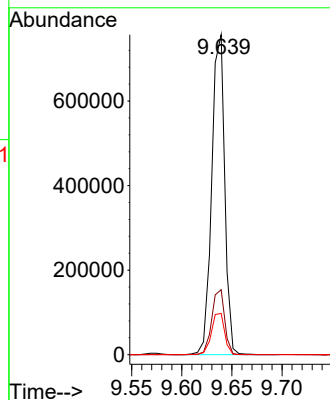
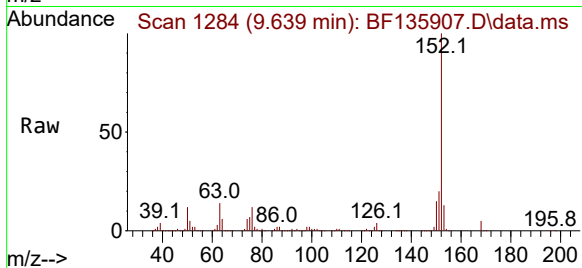
Tgt Ion:152 Resp: 684766

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 12.9 10.2 15.4



#50

Dimethylphthalate

Concen: 42.015 ng

RT: 9.504 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

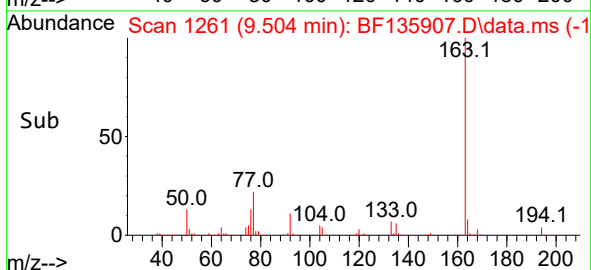
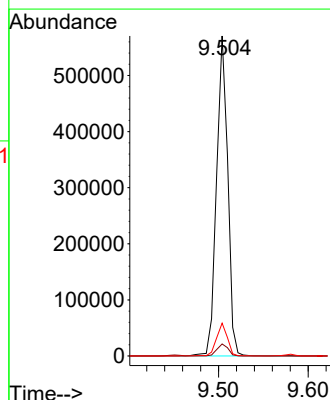
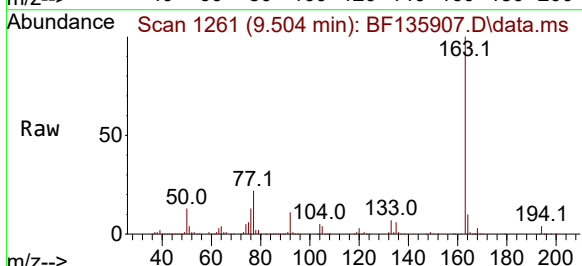
Tgt Ion:163 Resp: 494499

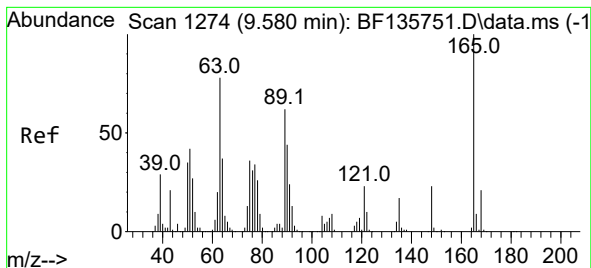
Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 10.2 7.9 11.9

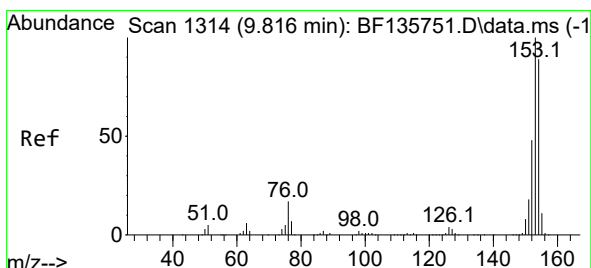
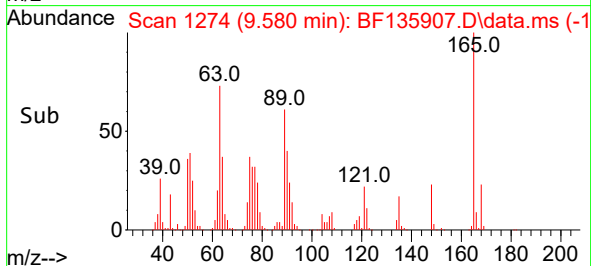
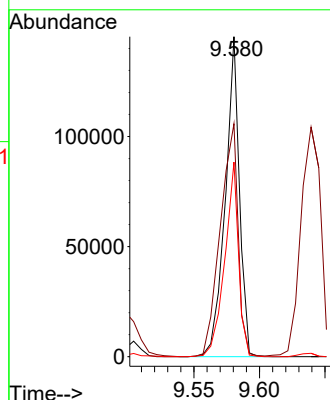
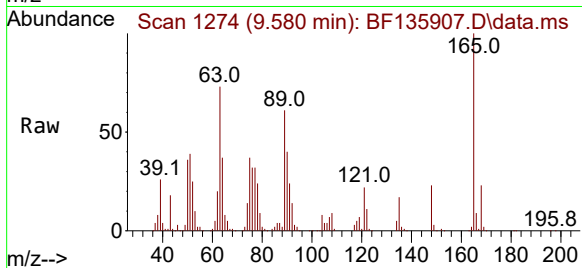




#51
2,6-Dinitrotoluene
Concen: 42.997 ng
RT: 9.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

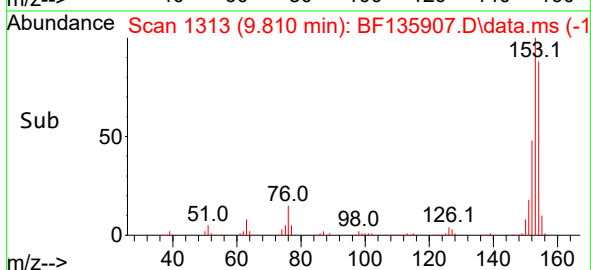
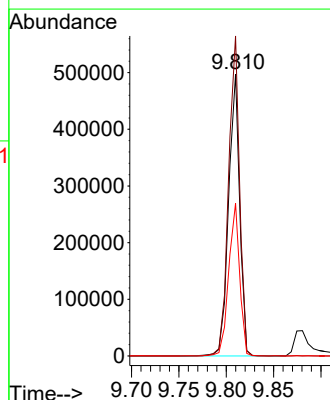
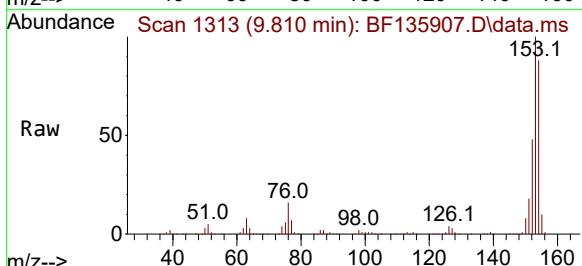
Instrument :
BNA_F
ClientSampleId :
PB156209BSD

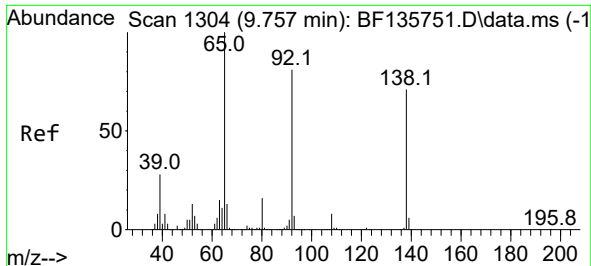
Tgt Ion:165 Resp: 108824
Ion Ratio Lower Upper
165 100
63 72.8 62.2 93.4
89 60.8 49.6 74.4



#52
Acenaphthene
Concen: 42.339 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:154 Resp: 404216
Ion Ratio Lower Upper
154 100
153 113.6 90.1 135.1
152 54.2 43.1 64.7

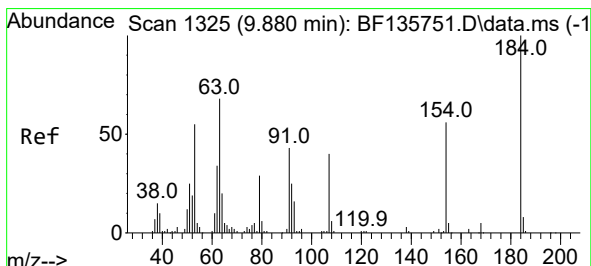
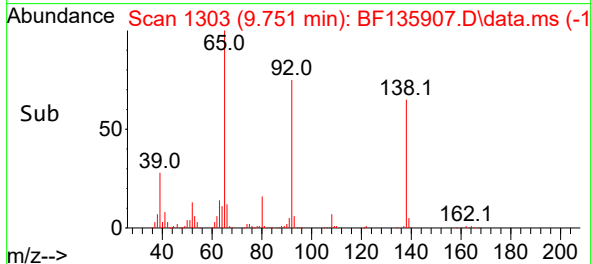
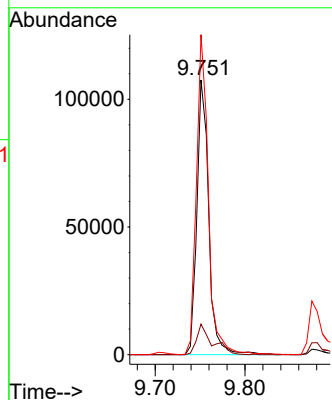
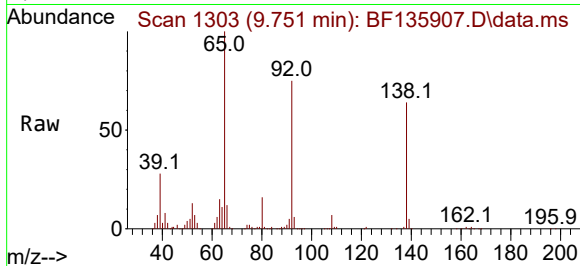




#53
3-Nitroaniline
Concen: 31.841 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

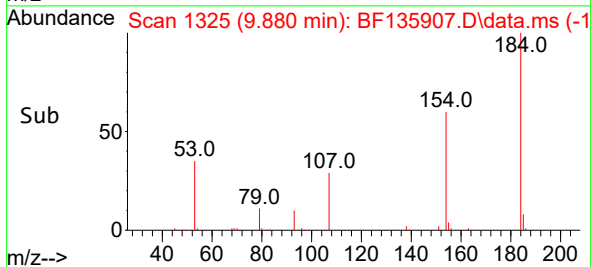
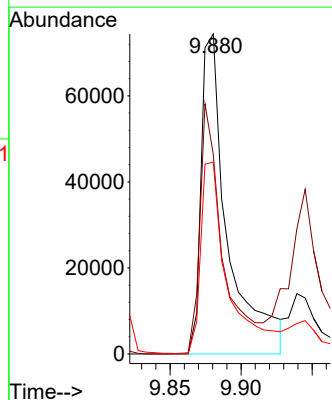
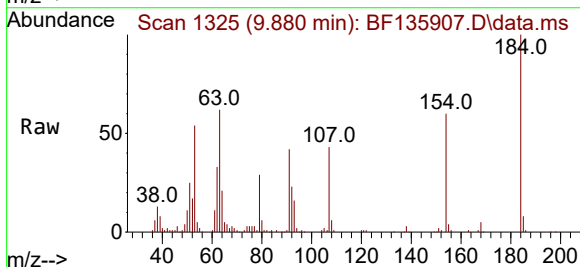
Instrument :
BNA_F
ClientSampleId :
PB156209BSD

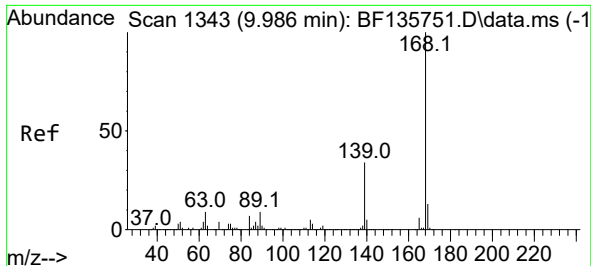
Tgt Ion:138 Resp: 98791
Ion Ratio Lower Upper
138 100
108 11.1 8.6 13.0
92 116.5 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 91.885 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:184 Resp: 97077
Ion Ratio Lower Upper
184 100
63 62.3 54.6 81.8
154 60.0 45.0 67.4

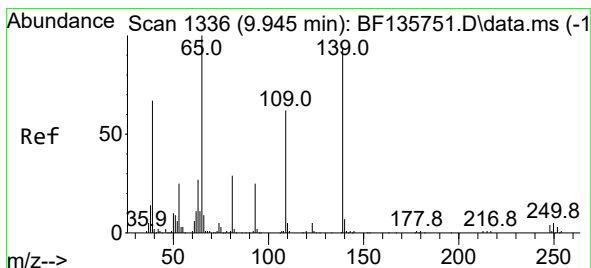
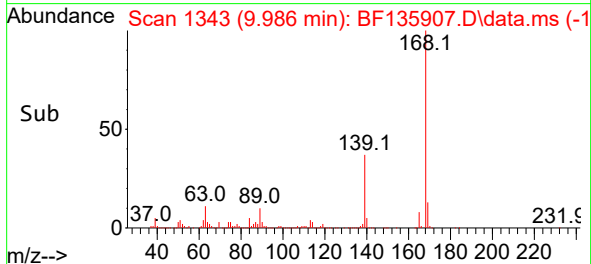
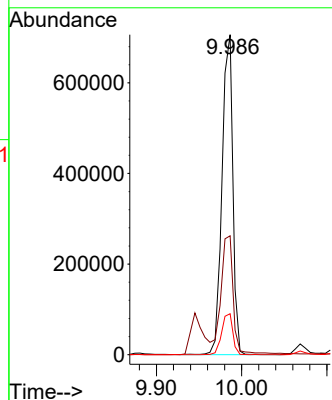
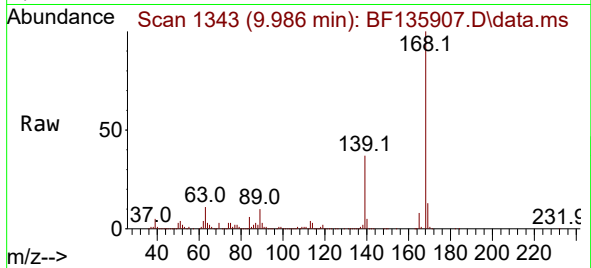




#55
Dibenzenofuran
Concen: 42.981 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

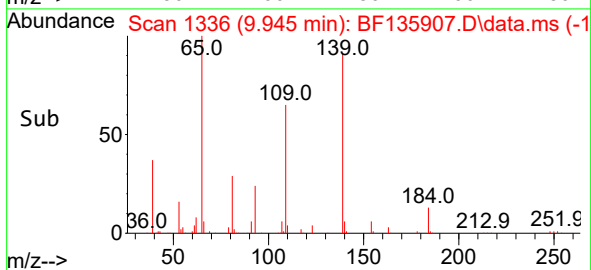
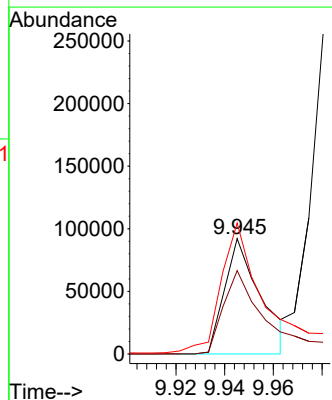
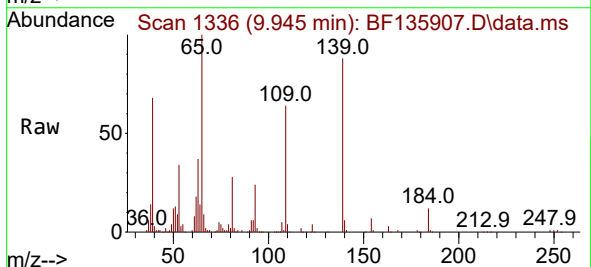
Instrument :
BNA_F
ClientSampleId :
PB156209BSD

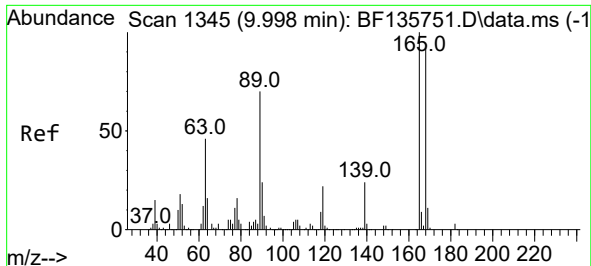
Tgt Ion:168 Resp: 619166
Ion Ratio Lower Upper
168 100
139 37.1 31.0 46.4
169 12.8 10.7 16.1



#56
4-Nitrophenol
Concen: 66.978 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:139 Resp: 93850
Ion Ratio Lower Upper
139 100
109 72.4 45.6 85.6
65 113.5 87.5 127.5





#57

2,4-Dinitrotoluene

Concen: 45.939 ng

RT: 9.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

Tgt Ion:165 Resp: 147923

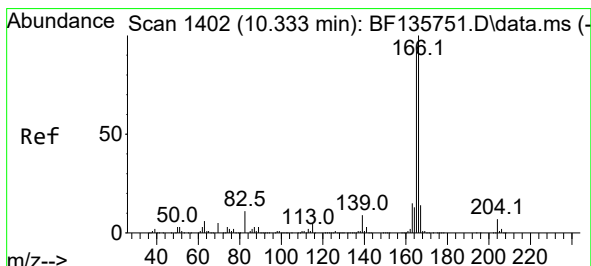
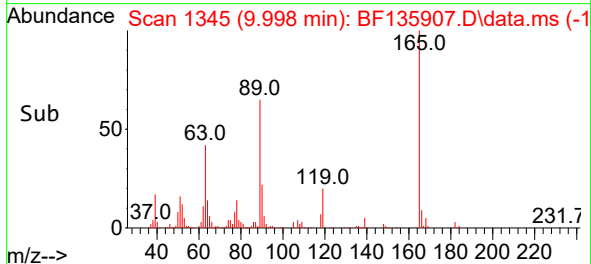
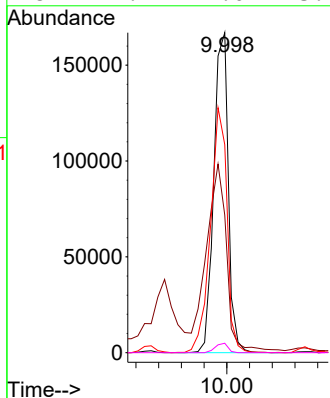
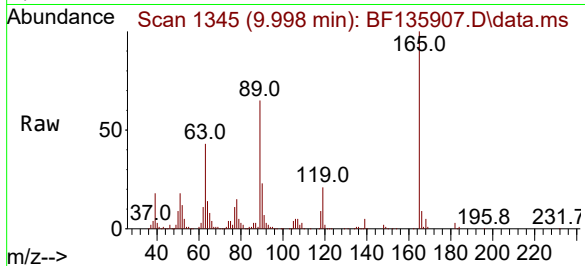
Ion Ratio Lower Upper

165 100

63 43.0 39.0 58.4

89 65.0 55.9 83.9

182 2.9 2.0 3.0



#58

Fluorene

Concen: 43.363 ng

RT: 10.327 min Scan# 1401

Delta R.T. -0.012 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

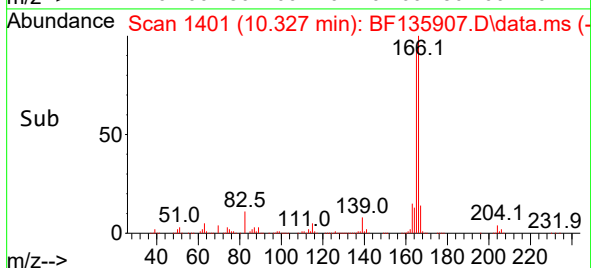
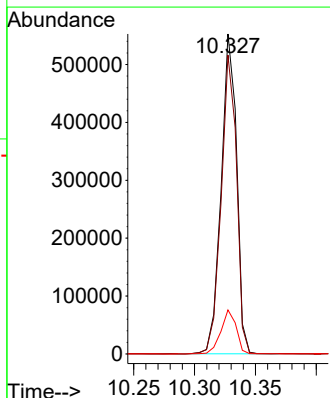
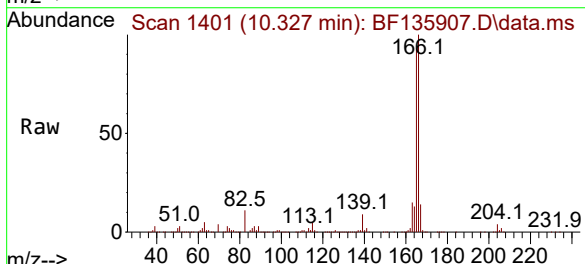
Tgt Ion:166 Resp: 489026

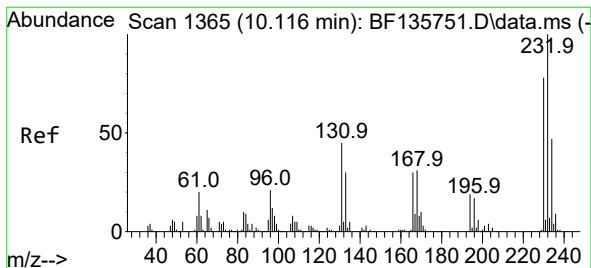
Ion Ratio Lower Upper

166 100

165 93.4 73.4 110.0

167 13.8 11.0 16.6

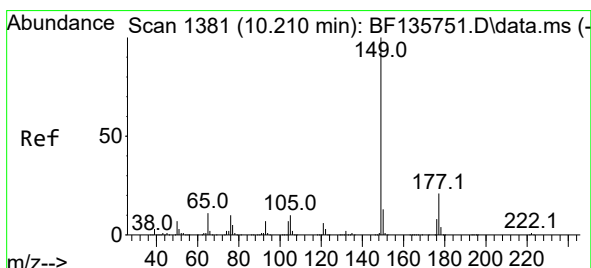
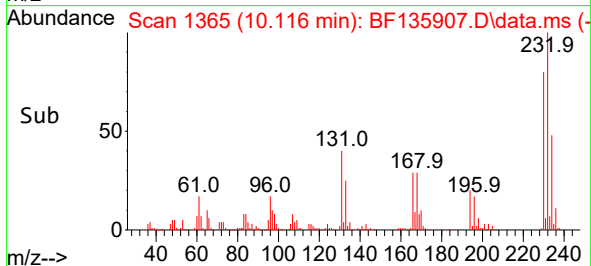
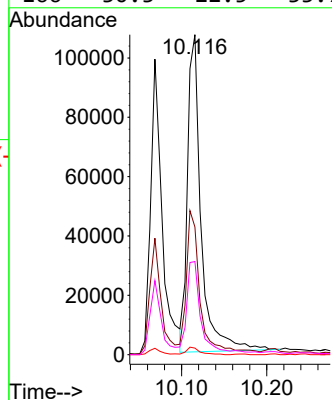
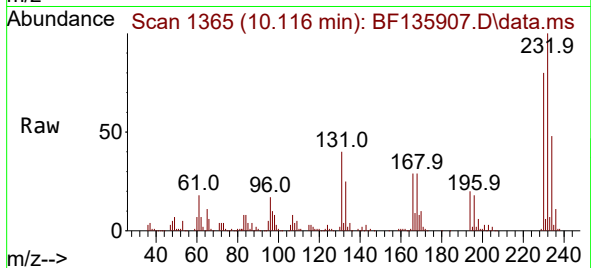




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.666 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

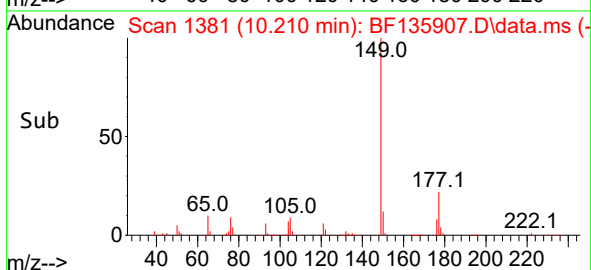
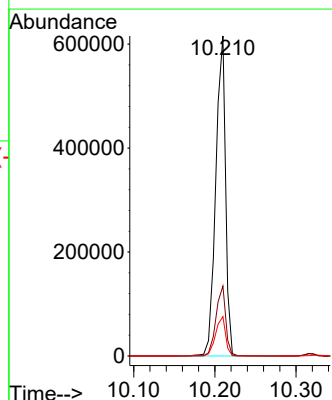
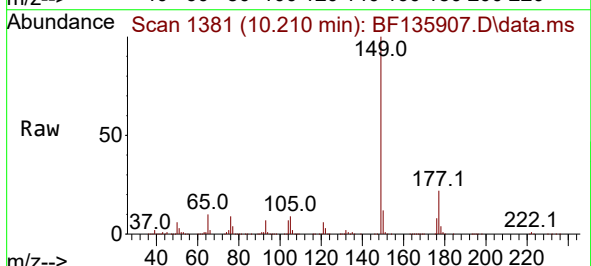
Instrument :
BNA_F
ClientSampleId :
PB156209BSD

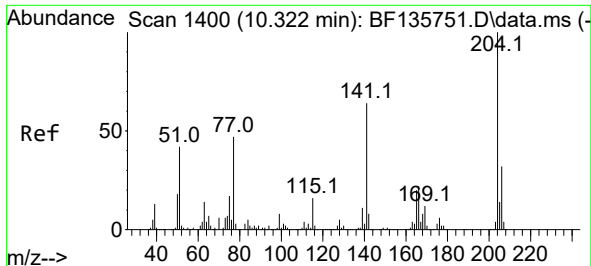
Tgt Ion:232 Resp: 118361
Ion Ratio Lower Upper
232 100
131 44.4 35.8 53.6
130 2.3 1.9 2.9
166 30.3 22.5 33.7



#60
Diethylphthalate
Concen: 42.855 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:149 Resp: 514919
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 12.3 10.2 15.2

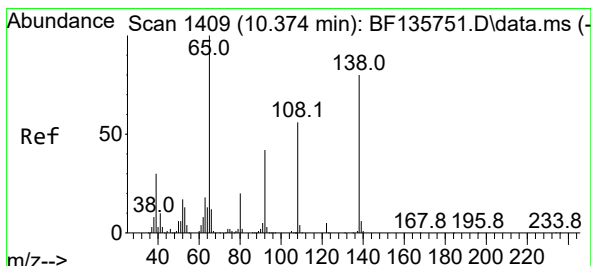
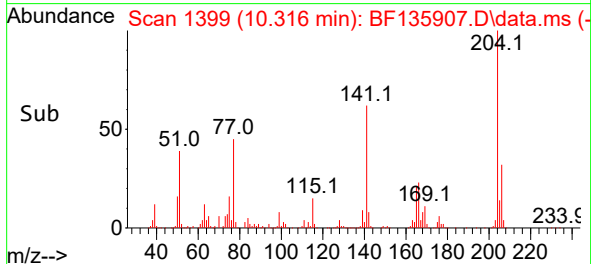
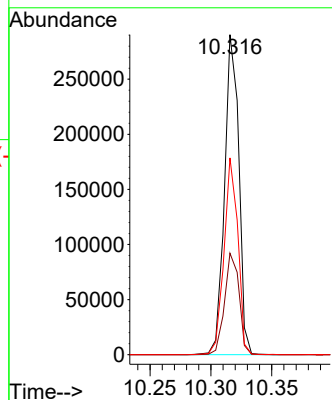
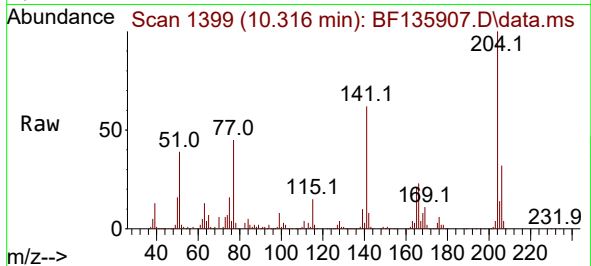




#61
4-Chlorophenyl-phenylether
Concen: 43.520 ng
RT: 10.316 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

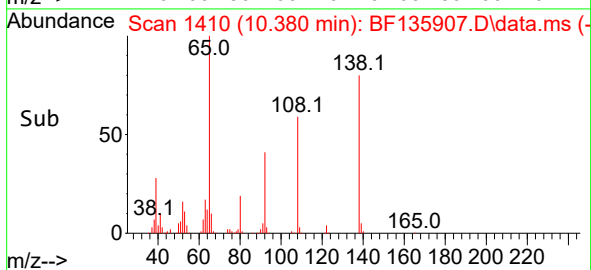
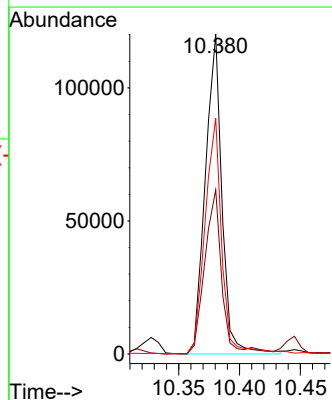
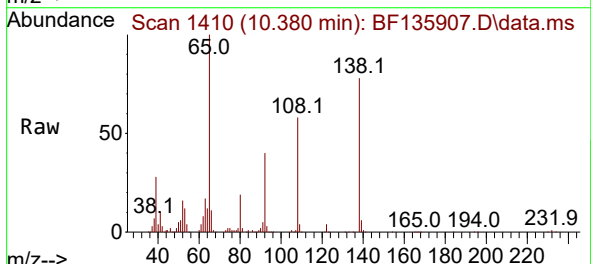
Instrument :
BNA_F
ClientSampleId :
PB156209BSD

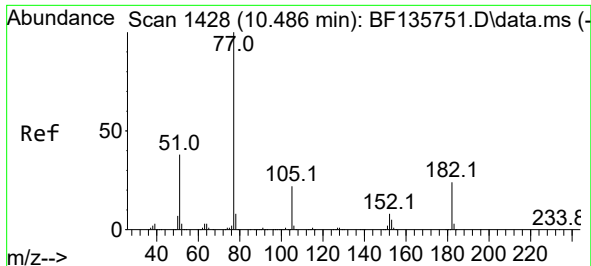
Tgt Ion:204 Resp: 237208
Ion Ratio Lower Upper
204 100
206 31.7 25.8 38.6
141 61.5 51.4 77.0



#62
4-Nitroaniline
Concen: 39.881 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:138 Resp: 113846
Ion Ratio Lower Upper
138 100
92 51.3 31.9 71.9
108 73.7 49.7 89.7

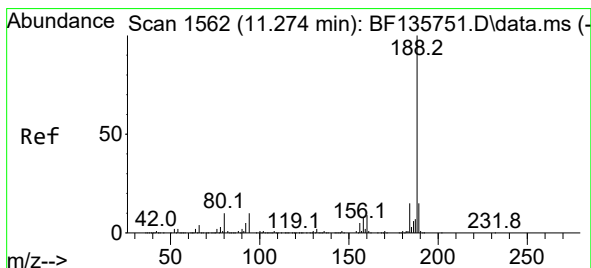
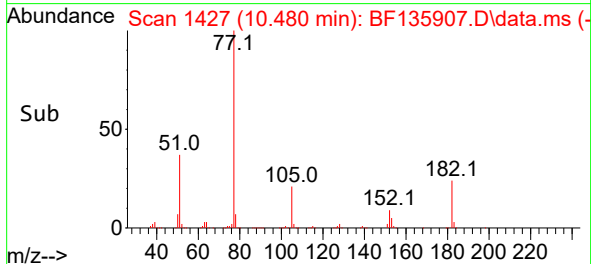
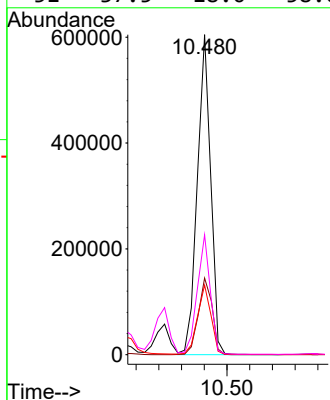
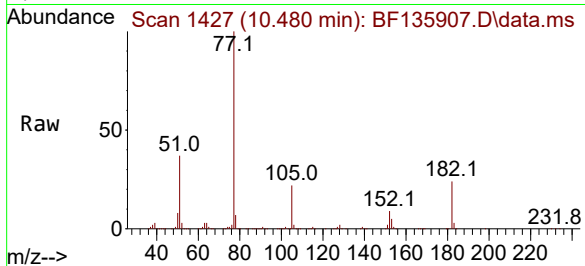




#63
Azobenzene
Concen: 42.349 ng
RT: 10.480 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

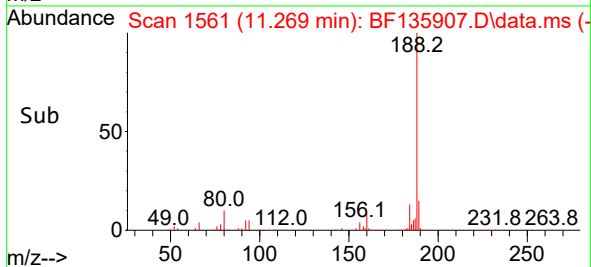
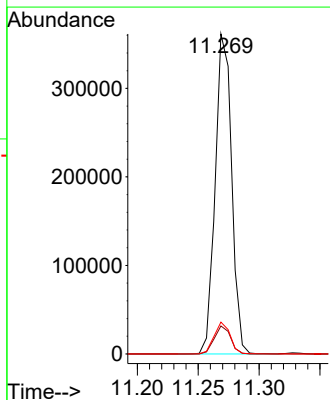
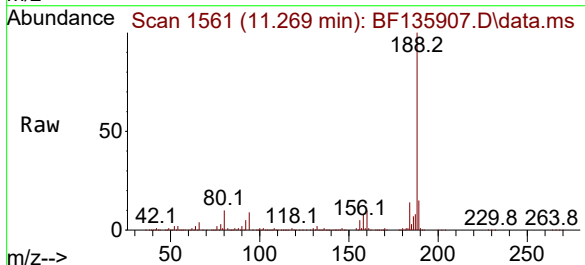
Instrument :
BNA_F
ClientSampleId :
PB156209BSD

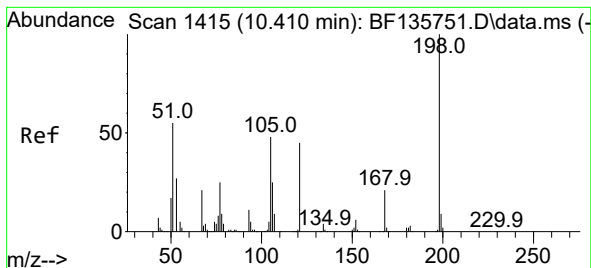
Tgt Ion: 77	Resp: 494366
Ion Ratio	Lower Upper
77 100	
182 23.9	3.5 43.5
105 21.7	2.2 42.2
51 37.5	18.0 58.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:188	Resp: 339674		
Ion Ratio	Lower	Upper	
188 100			
94 8.7	8.0	12.0	
80 10.0	8.3	12.5	

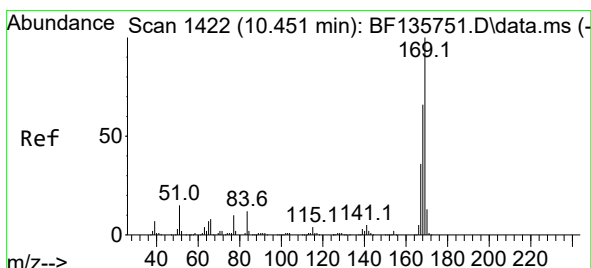
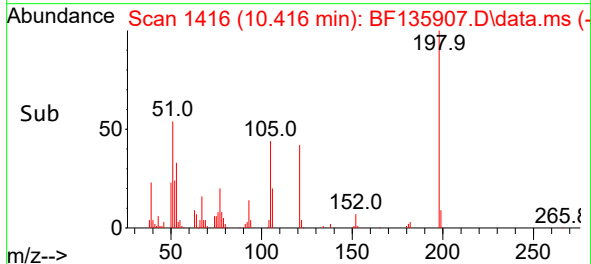
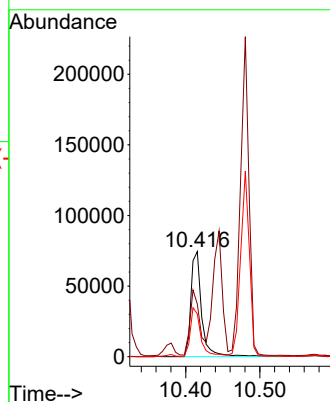
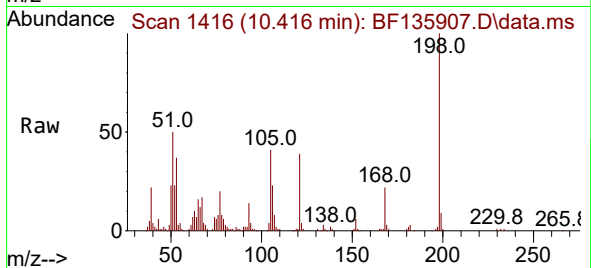




#65
4,6-Dinitro-2-methylphenol
Concen: 44.058 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

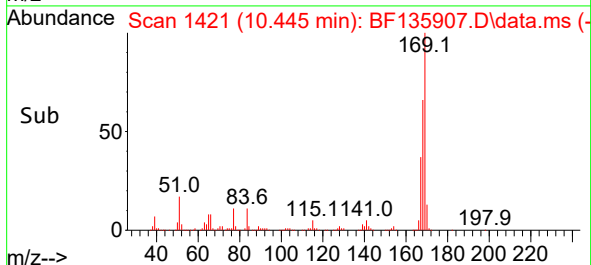
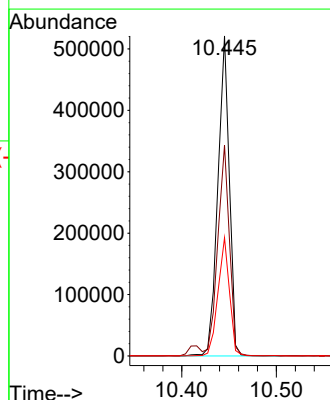
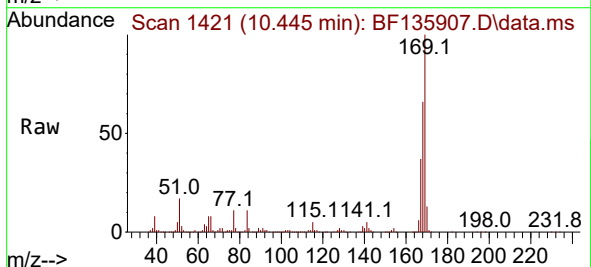
Instrument :
BNA_F
ClientSampleId :
PB156209BSD

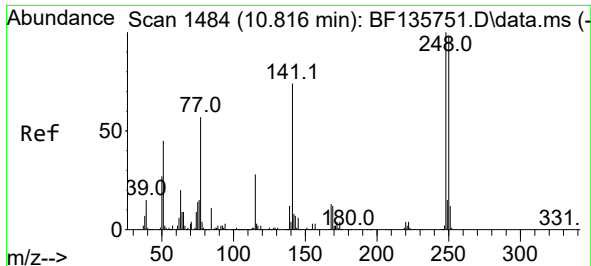
Tgt Ion:198 Resp: 75315
Ion Ratio Lower Upper
198 100
51 50.1 47.6 87.6
105 40.6 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 42.600 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:169 Resp: 441043
Ion Ratio Lower Upper
169 100
168 65.9 53.4 80.2
167 37.0 29.2 43.8





#67

4-Bromophenyl-phenylether

Concen: 41.916 ng

RT: 10.810 min Scan# 1483

Delta R.T. -0.012 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

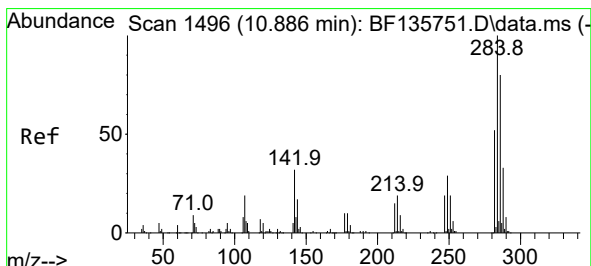
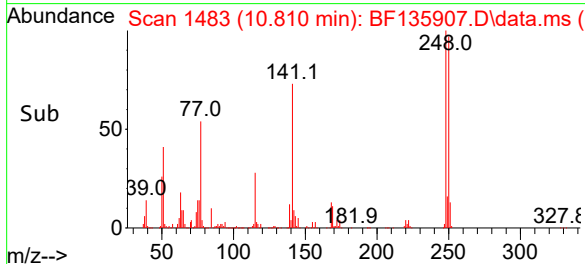
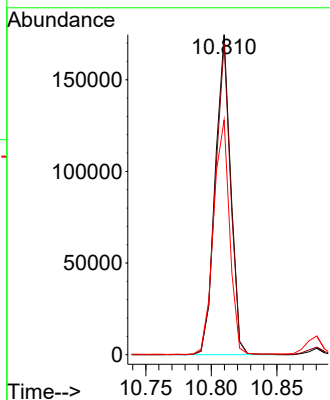
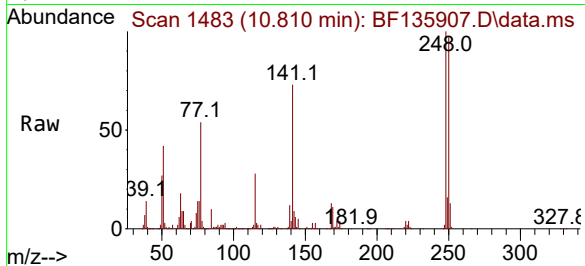
Tgt Ion:248 Resp: 142923

Ion Ratio Lower Upper

248 100

250 97.4 78.0 117.0

141 73.3 59.0 88.6



#68

Hexachlorobenzene

Concen: 45.741 ng

RT: 10.880 min Scan# 1495

Delta R.T. -0.012 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

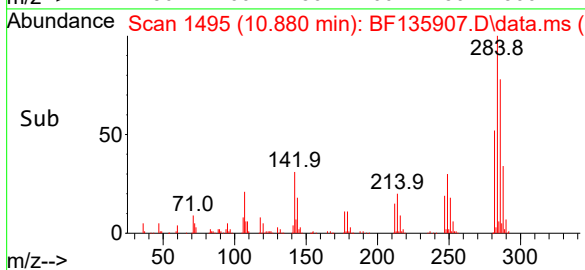
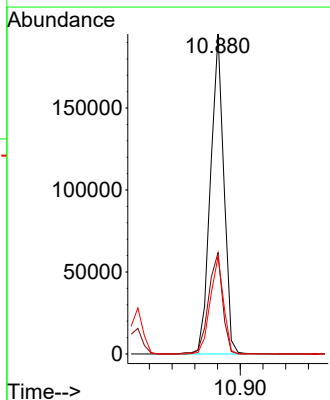
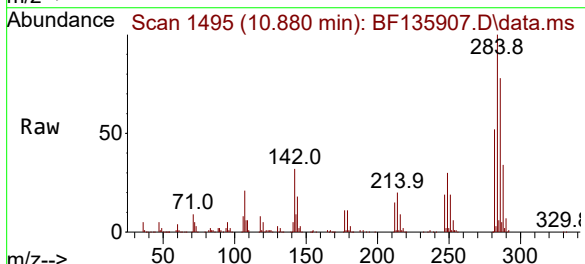
Tgt Ion:284 Resp: 158790

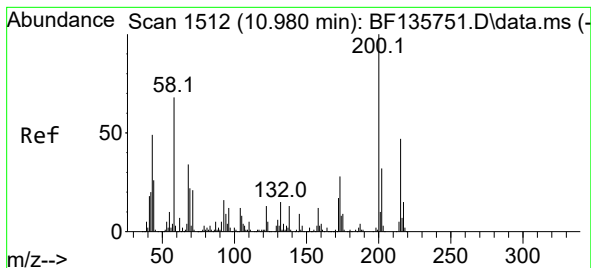
Ion Ratio Lower Upper

284 100

142 31.7 25.3 37.9

249 30.4 23.5 35.3





#69

Atrazine

Concen: 47.611 ng

RT: 10.980 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

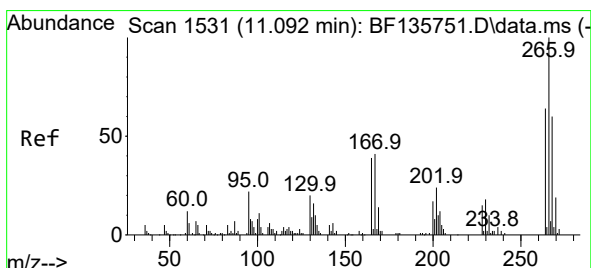
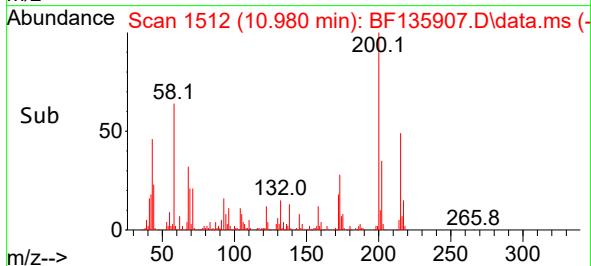
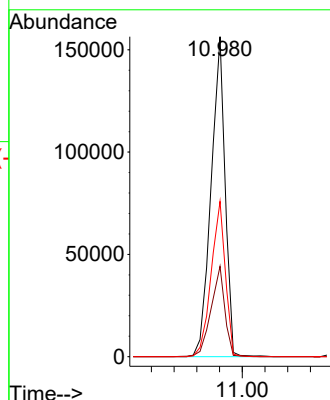
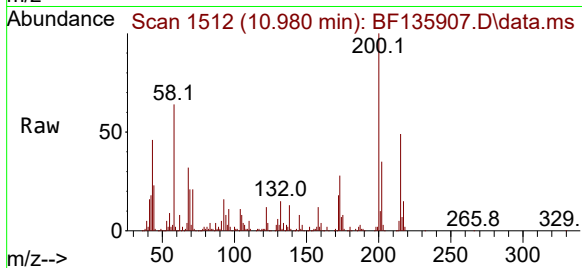
Tgt Ion:200 Resp: 134077

Ion Ratio Lower Upper

200 100

173 28.3 7.6 47.6

215 48.5 27.1 67.1



#70

Pentachlorophenol

Concen: 70.942 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

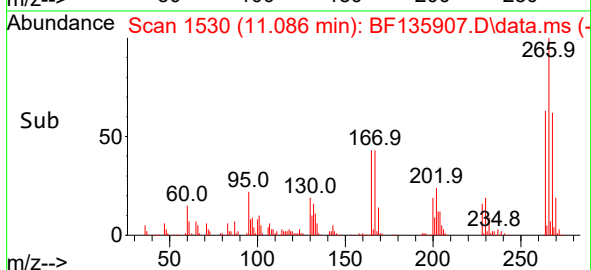
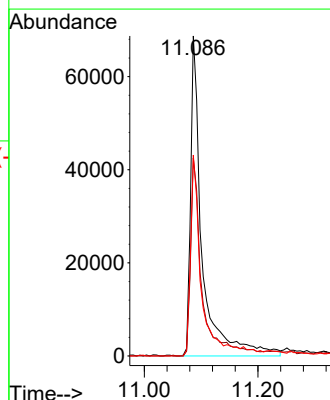
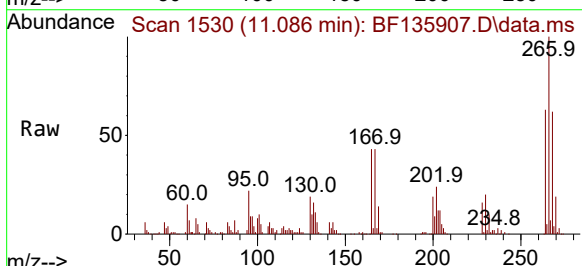
Tgt Ion:266 Resp: 97132

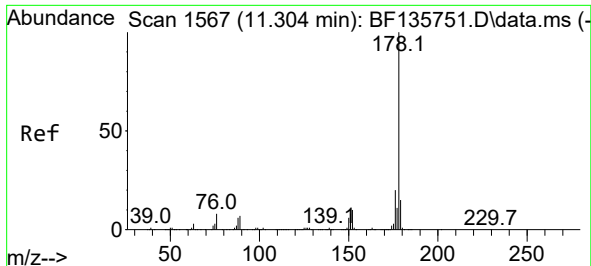
Ion Ratio Lower Upper

266 100

268 61.9 47.7 71.5

264 62.8 51.4 77.2

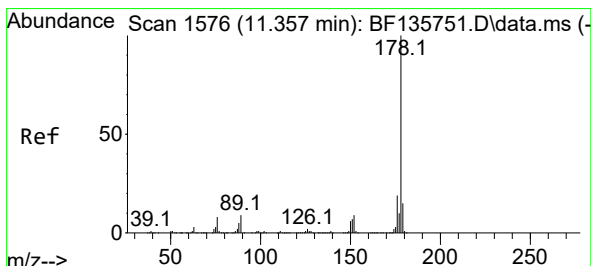
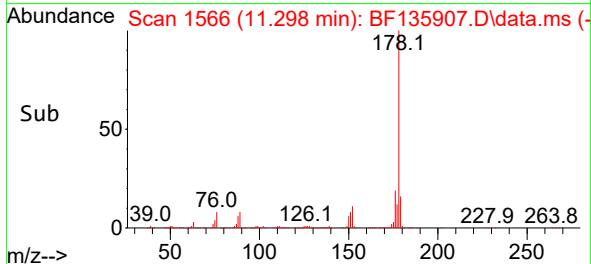
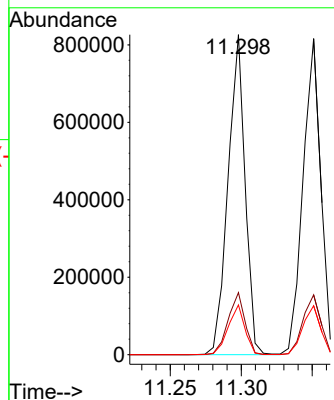
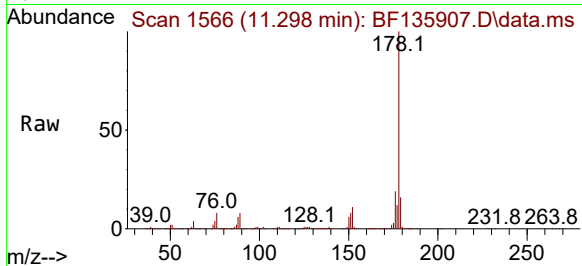




#71
Phenanthrene
Concen: 42.515 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

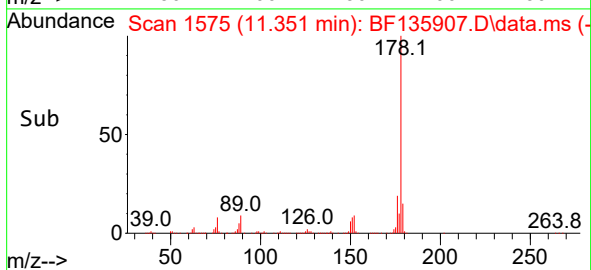
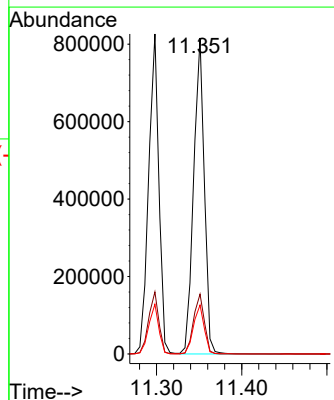
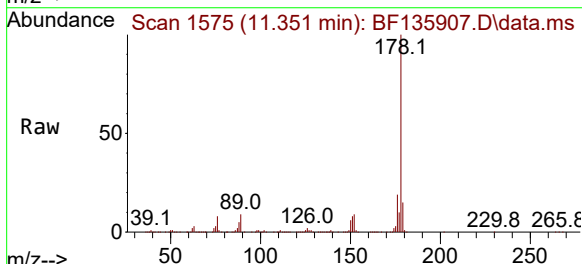
Instrument :
BNA_F
ClientSampleId :
PB156209BSD

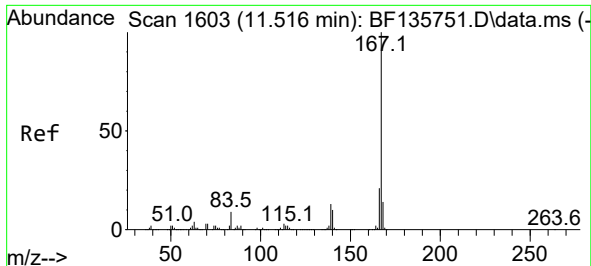
Tgt Ion:178 Resp: 691807
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.5 12.2 18.4



#72
Anthracene
Concen: 42.197 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:178 Resp: 711507
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.5 12.3 18.5

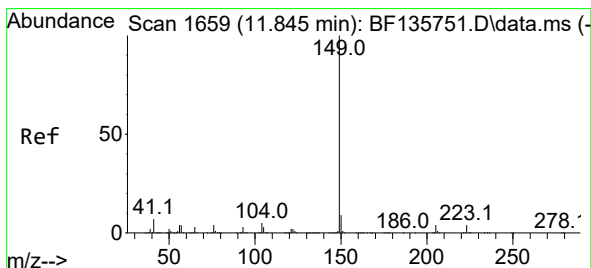
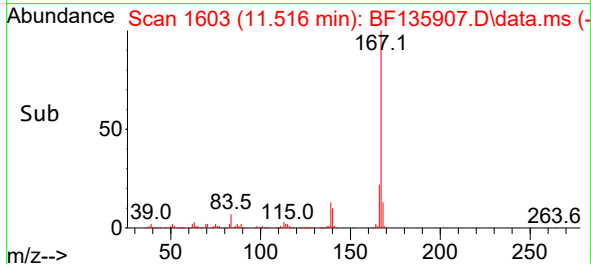
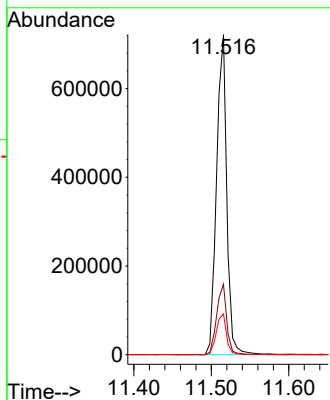
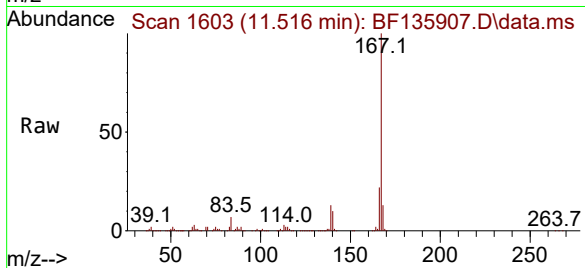




#73
 Carbazole
 Concen: 41.965 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. -0.006 min
 Lab File: BF135907.D
 Acq: 20 Oct 2023 14:31

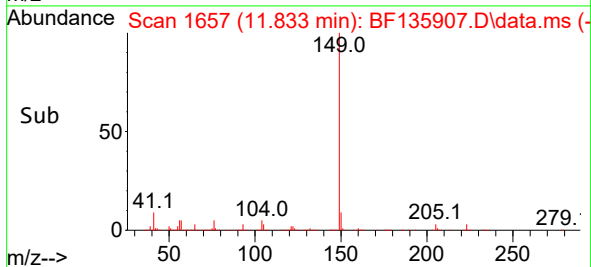
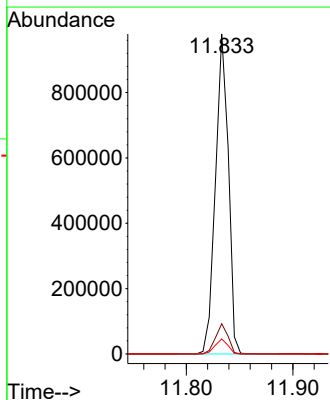
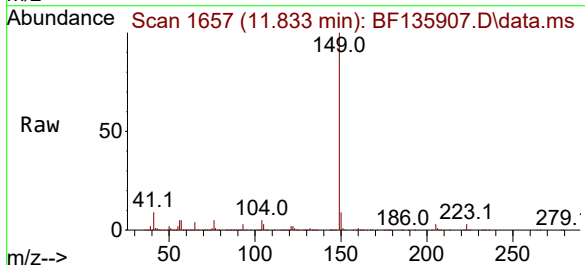
Instrument :
 BNA_F
 ClientSampleId :
 PB156209BSD

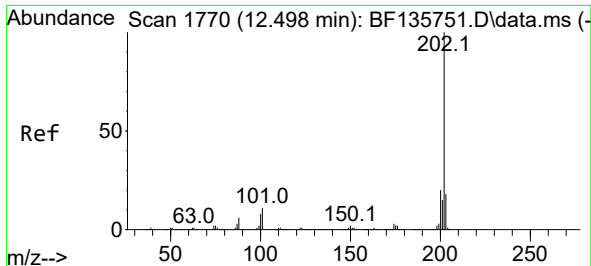
Tgt Ion:167 Resp: 659933
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.1 25.7
 139 12.8 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 42.465 ng
 RT: 11.833 min Scan# 1657
 Delta R.T. -0.012 min
 Lab File: BF135907.D
 Acq: 20 Oct 2023 14:31

Tgt Ion:149 Resp: 819897
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.7 3.7 5.5

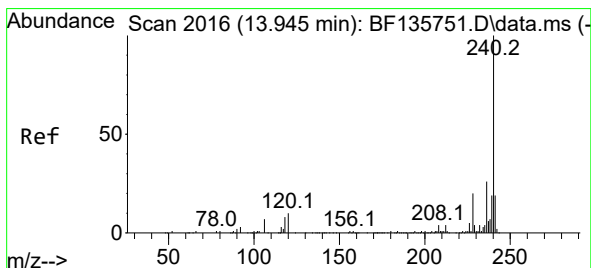
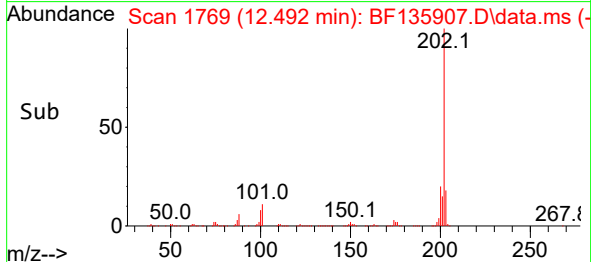
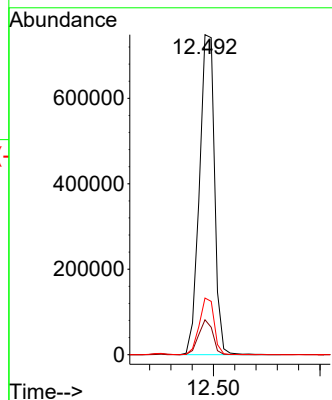
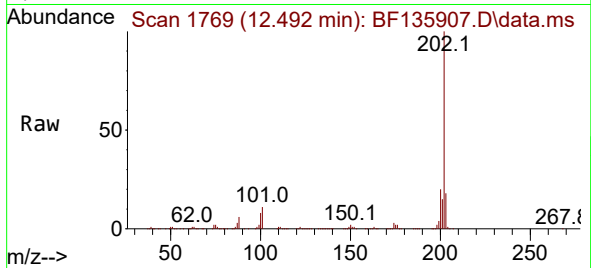




#75
Fluoranthene
Concen: 40.995 ng
RT: 12.492 min Scan# 1770
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

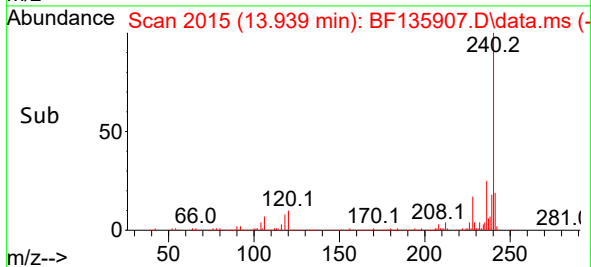
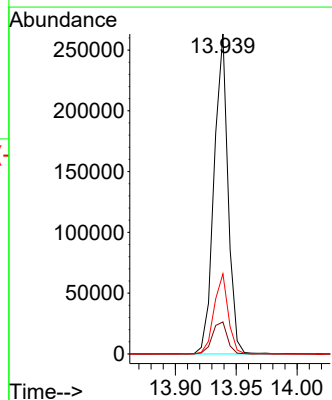
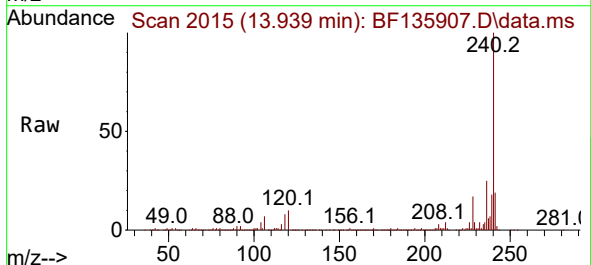
Instrument :
BNA_F
ClientSampleId :
PB156209BSD

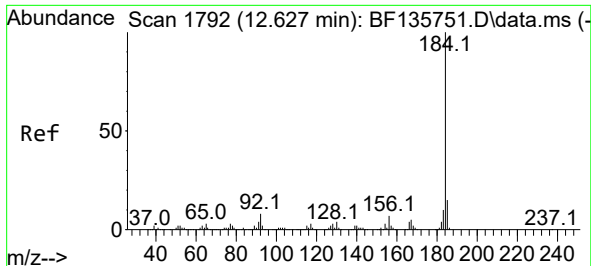
Tgt Ion:202 Resp: 740364
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.5
203 17.7 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:240 Resp: 209321
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 25.1 21.2 31.8

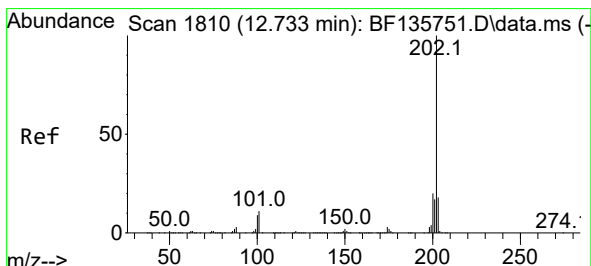
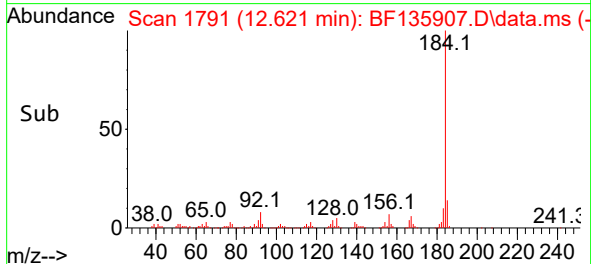
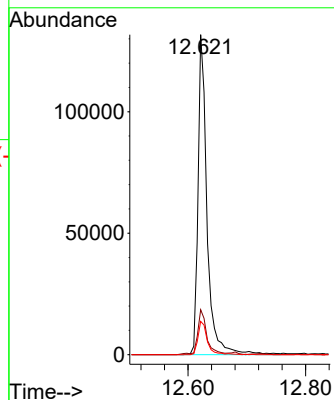
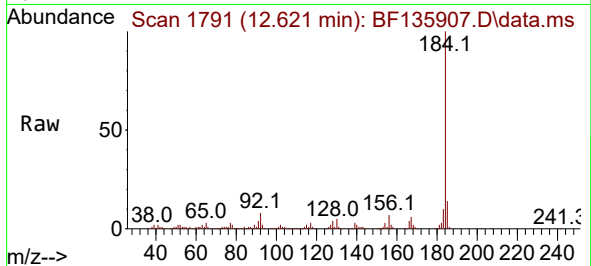




#77
Benzidine
Concen: 30.694 ng
RT: 12.621 min Scan# 1792
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

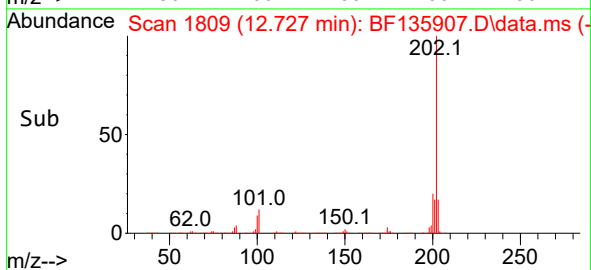
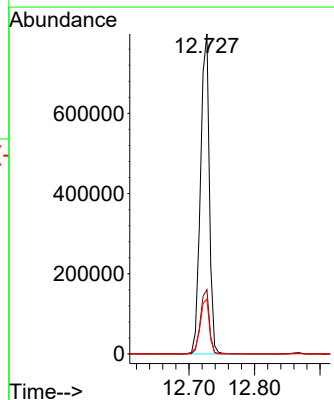
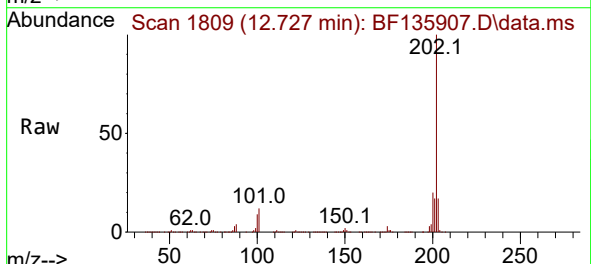
Instrument :
BNA_F
ClientSampleId :
PB156209BSD

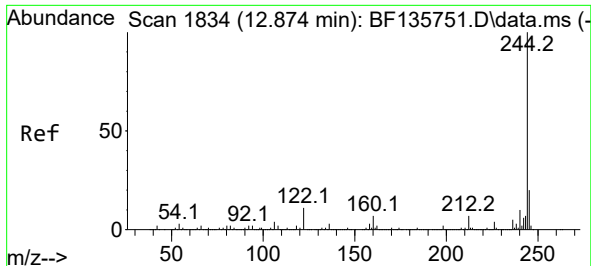
Tgt Ion:184 Resp: 140199
Ion Ratio Lower Upper
184 100
185 14.0 12.0 18.0
183 10.4 8.2 12.2



#78
Pyrene
Concen: 45.080 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:202 Resp: 749846
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.2 14.2 21.2

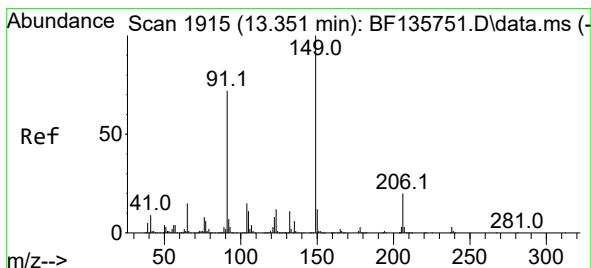
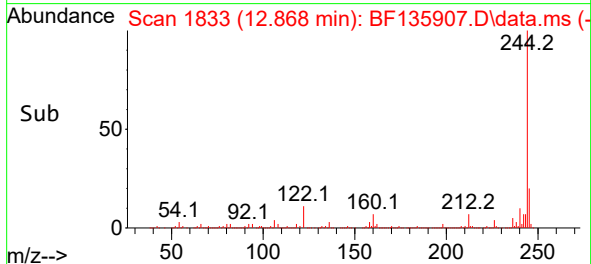
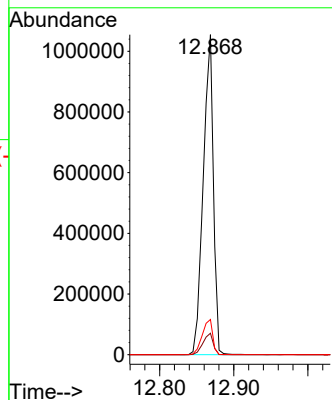
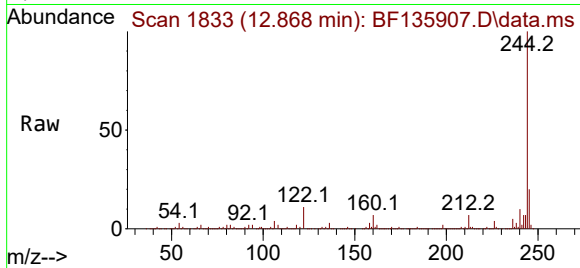




#79
 Terphenyl-d14
 Concen: 88.666 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135907.D
 Acq: 20 Oct 2023 14:31

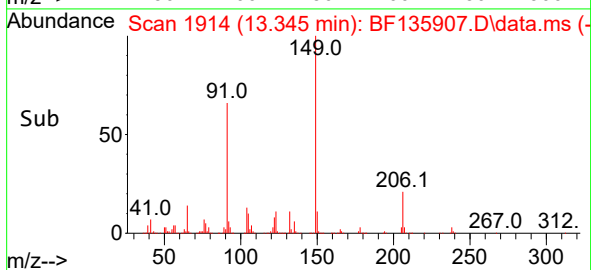
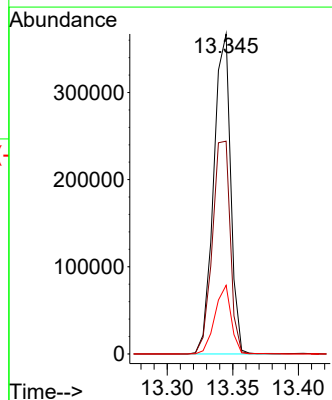
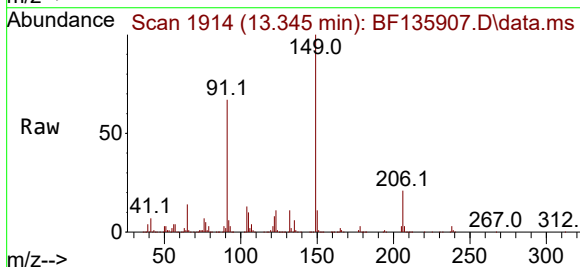
Instrument :
 BNA_F
 ClientSampleId :
 PB156209BSD

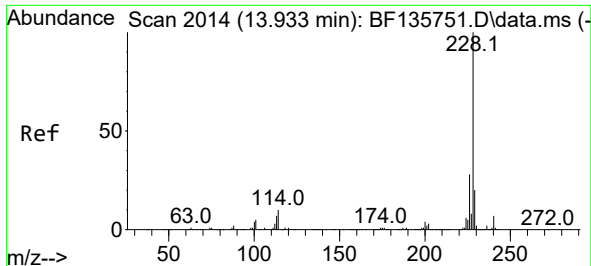
Tgt Ion:244 Resp: 1002184
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.0 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 45.203 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. -0.012 min
 Lab File: BF135907.D
 Acq: 20 Oct 2023 14:31

Tgt Ion:149 Resp: 330412
 Ion Ratio Lower Upper
 149 100
 91 66.5 57.4 86.0
 206 21.5 16.2 24.4

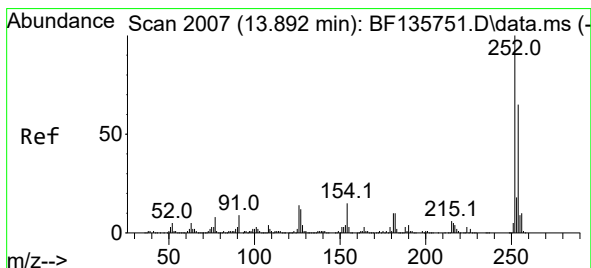
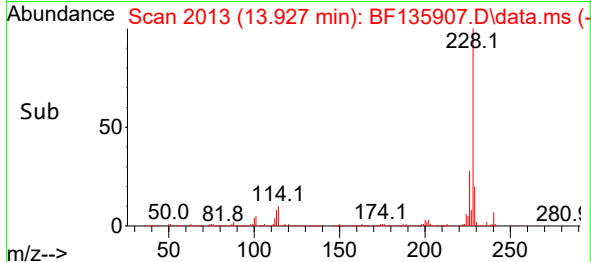
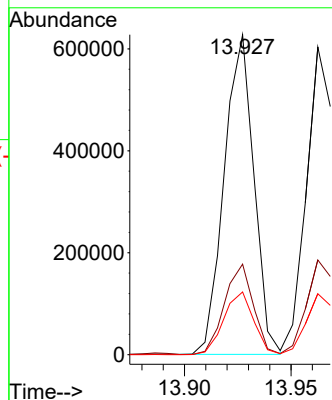
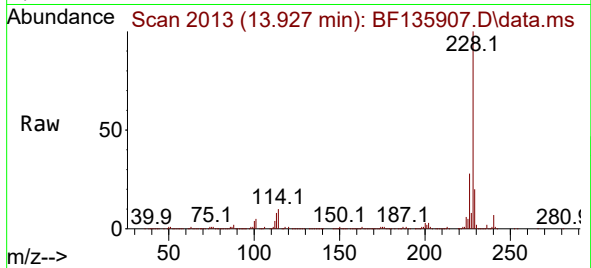




#81
Benzo(a)anthracene
Concen: 44.157 ng
RT: 13.927 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

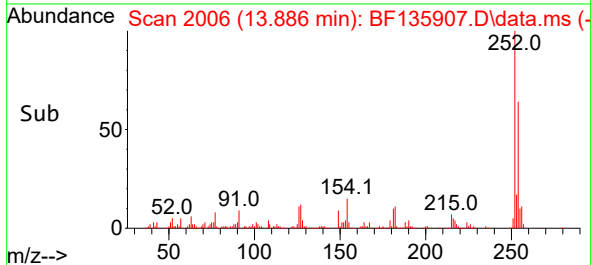
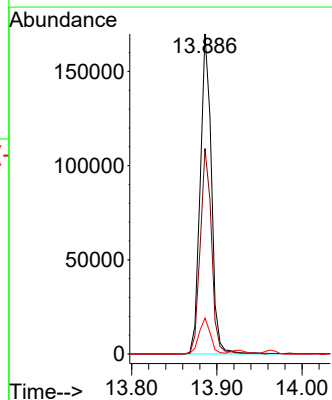
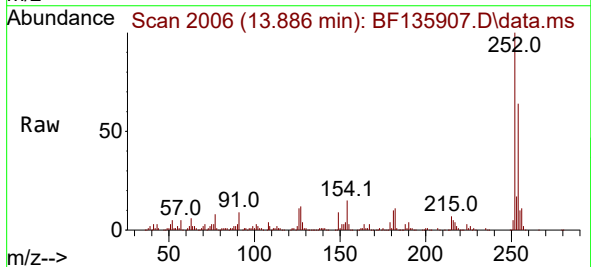
Instrument :
BNA_F
ClientSampleId :
PB156209BSD

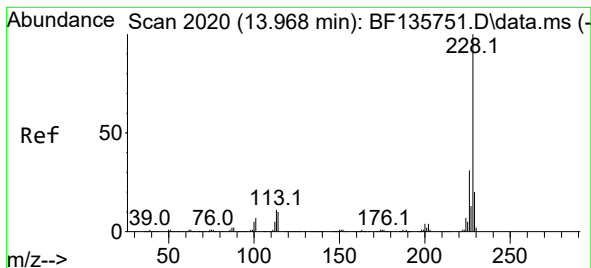
Tgt Ion:228 Resp: 607112
Ion Ratio Lower Upper
228 100
226 28.3 22.2 33.2
229 19.6 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 34.103 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:252 Resp: 155504
Ion Ratio Lower Upper
252 100
254 64.2 51.8 77.6
126 11.2 11.0 16.4





#83

Chrysene

Concen: 41.326 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

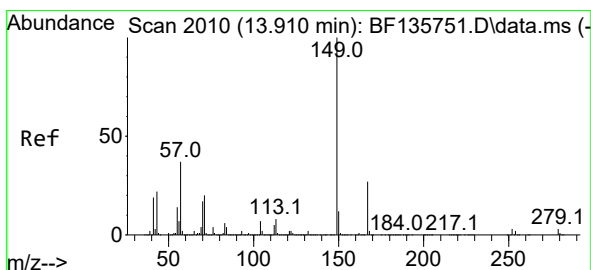
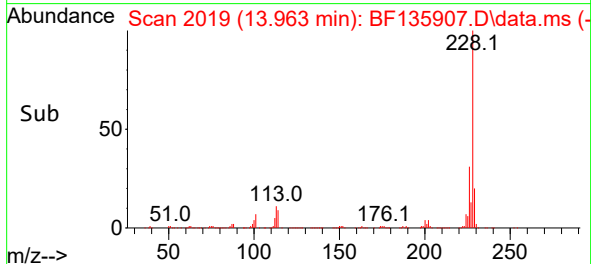
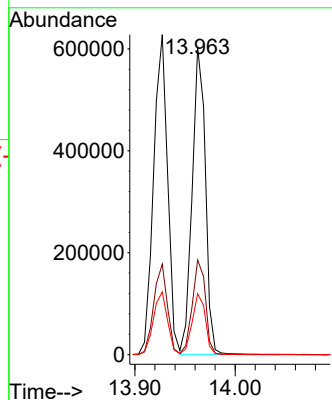
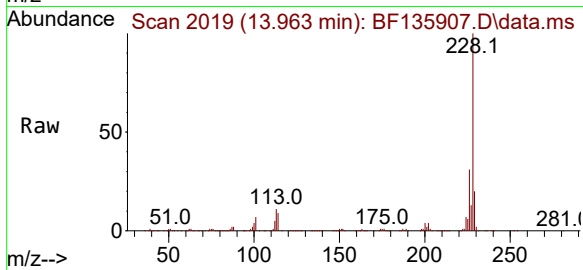
Tgt Ion:228 Resp: 550331

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.779 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.012 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

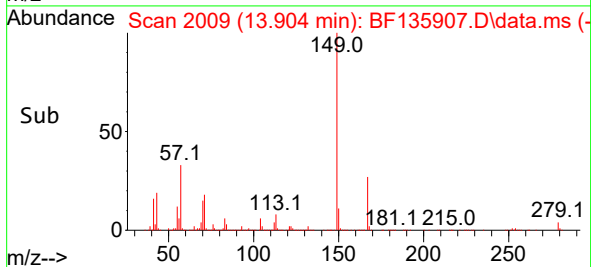
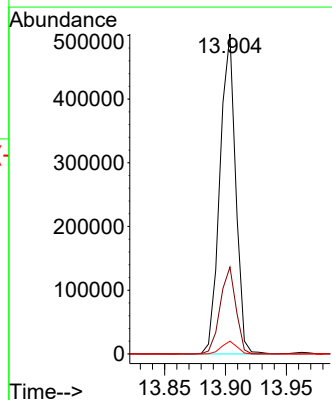
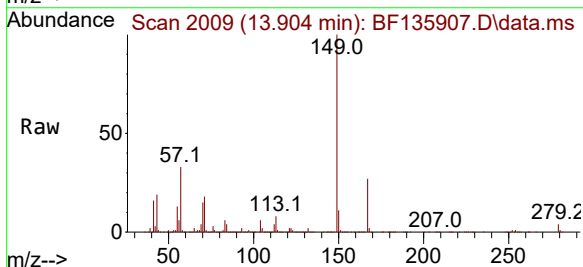
Tgt Ion:149 Resp: 453521

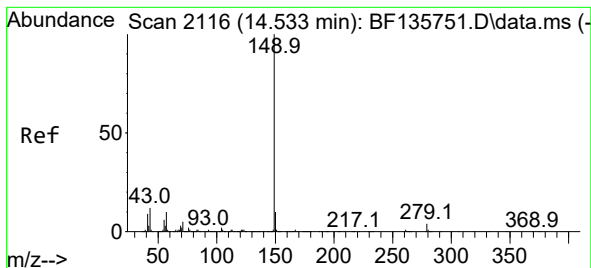
Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

279 4.0 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 43.179 ng

RT: 14.521 min Scan# 2114

Delta R.T. -0.012 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

Instrument :

BNA_F

ClientSampleId :

PB156209BSD

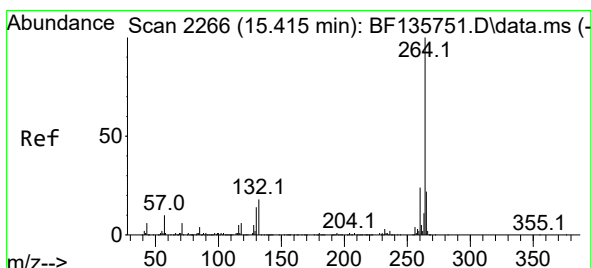
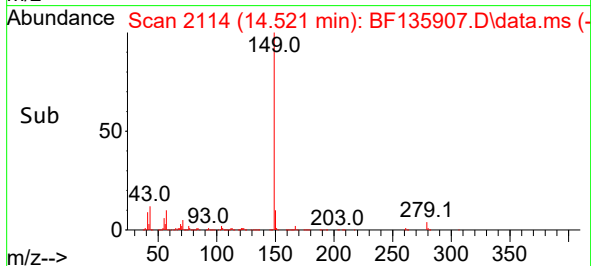
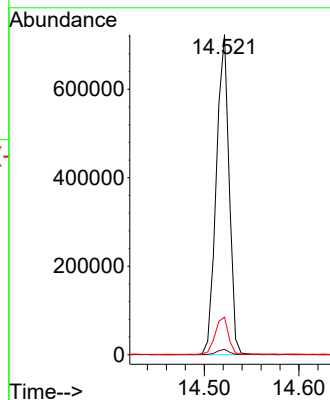
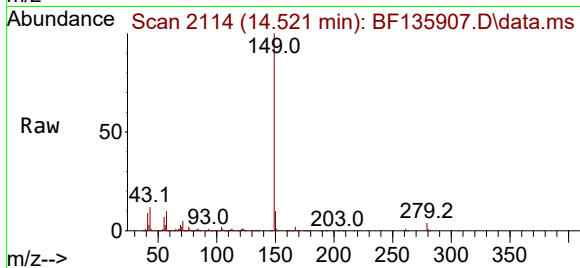
Tgt Ion:149 Resp: 678319

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 12.0 10.1 15.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. -0.012 min

Lab File: BF135907.D

Acq: 20 Oct 2023 14:31

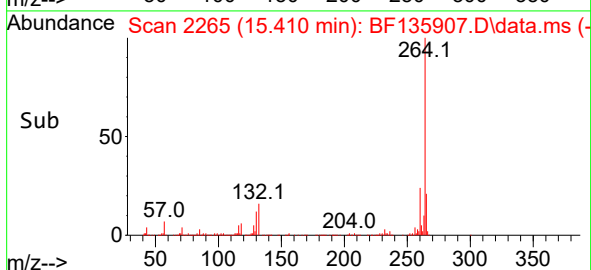
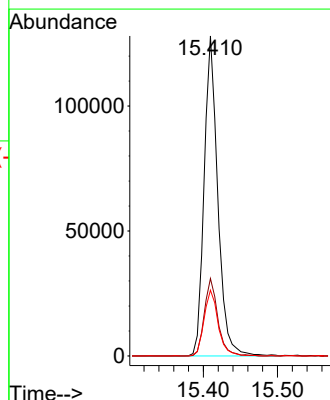
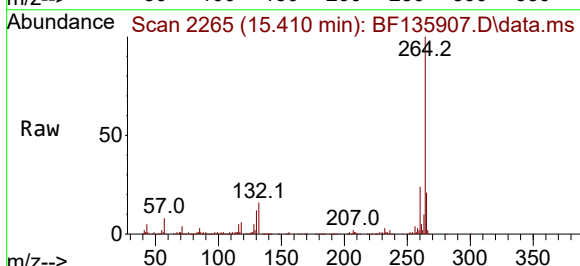
Tgt Ion:264 Resp: 163982

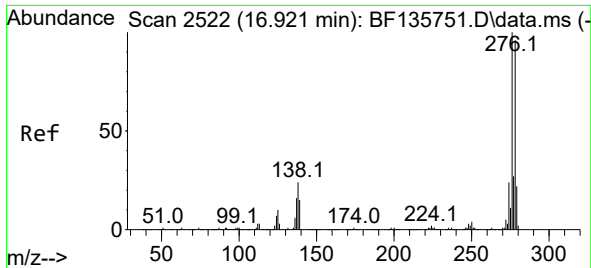
Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

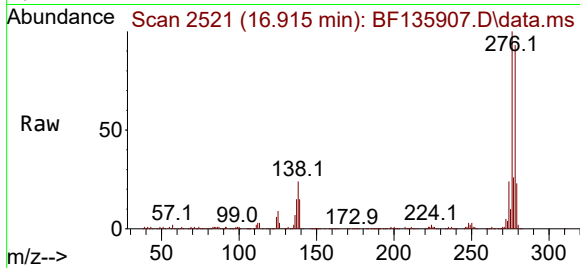
265 20.6 17.4 26.2



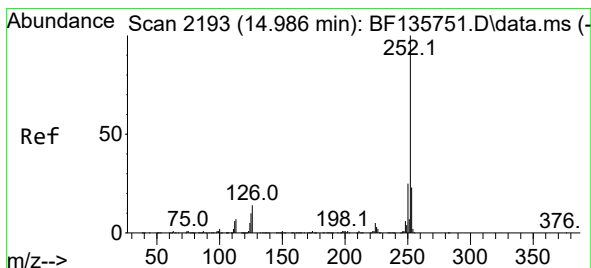
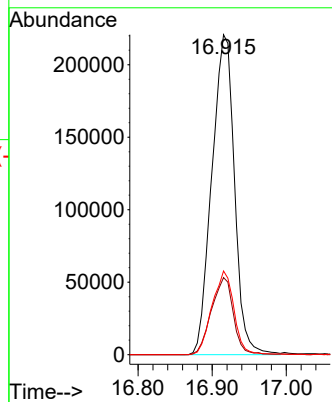
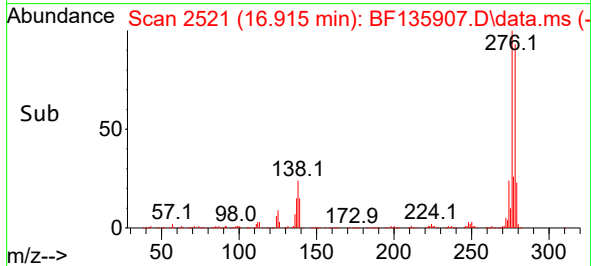


#87
Indeno(1,2,3-cd)pyrene
Concen: 52.390 ng
RT: 16.915 min Scan# 2192
Delta R.T. -0.018 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Instrument :
BNA_F
ClientSampleId :
PB156209BSD

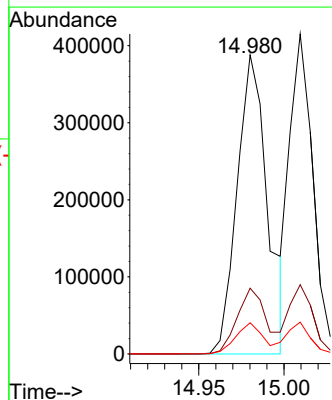
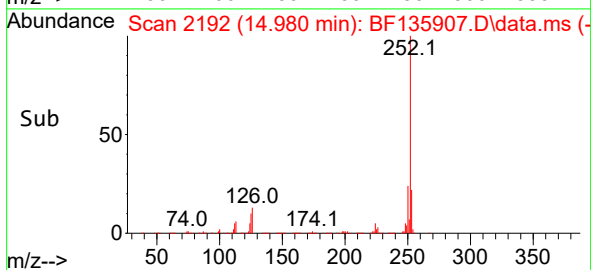
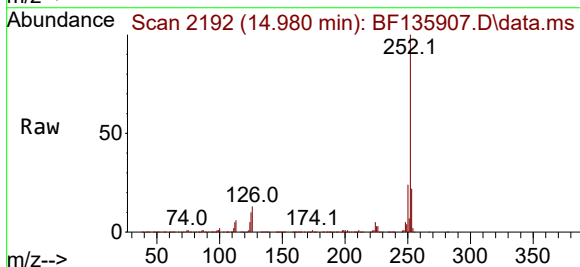


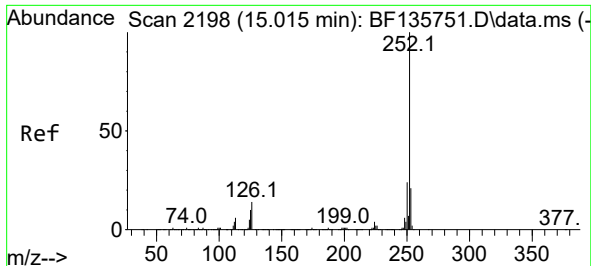
Tgt Ion:276 Resp: 468105
Ion Ratio Lower Upper
276 100
138 23.4 19.8 29.6
277 25.4 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 52.458 ng
RT: 14.980 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:252 Resp: 481431
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 10.5 8.2 12.2

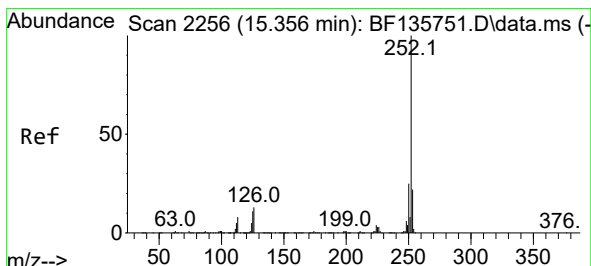
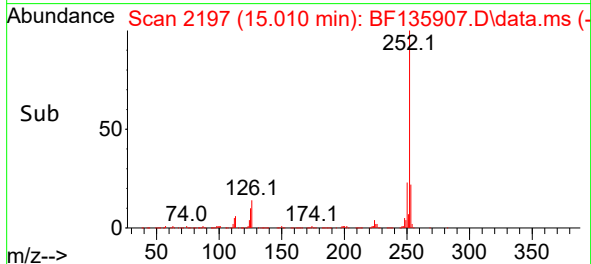
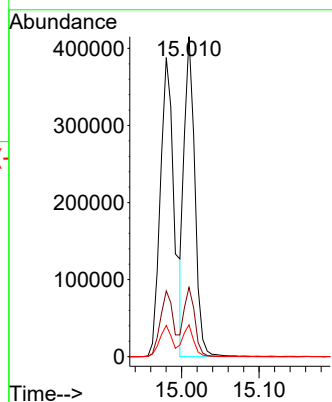
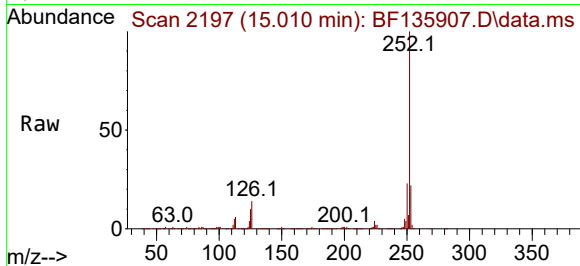




#89
Benzo(k)fluoranthene
Concen: 44.577 ng
RT: 15.010 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

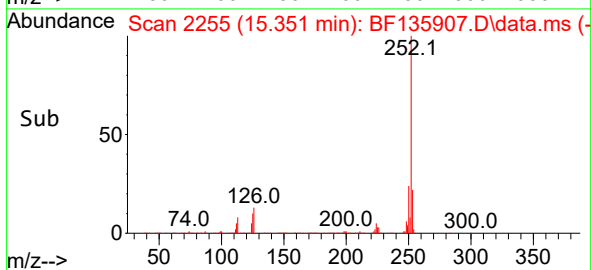
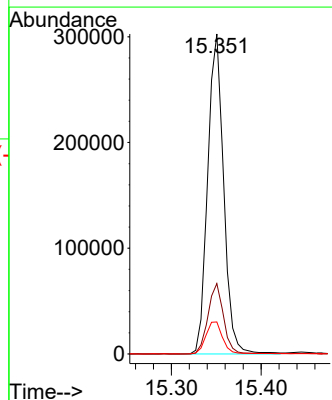
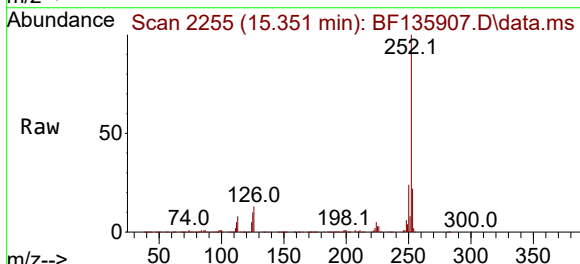
Instrument :
BNA_F
ClientSampleId :
PB156209BSD

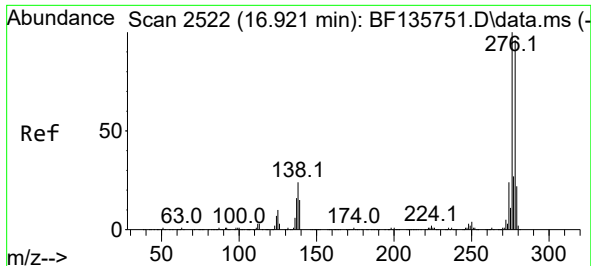
Tgt Ion:252 Resp: 397179
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 10.0 8.3 12.5



#90
Benzo(a)pyrene
Concen: 43.341 ng
RT: 15.351 min Scan# 2255
Delta R.T. -0.012 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

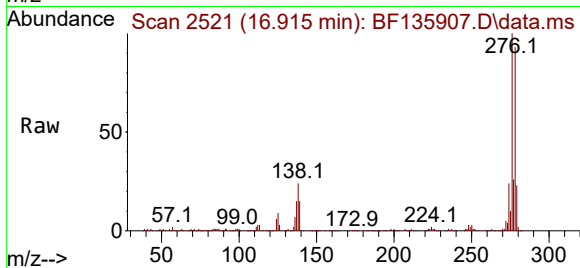
Tgt Ion:252 Resp: 374032
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 10.0 8.8 13.2



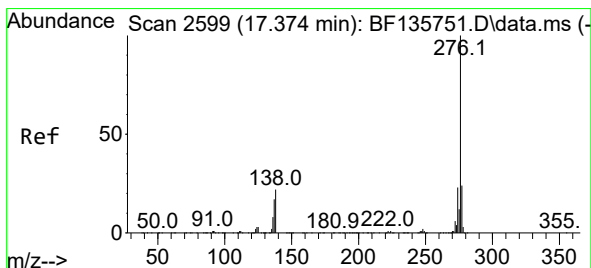
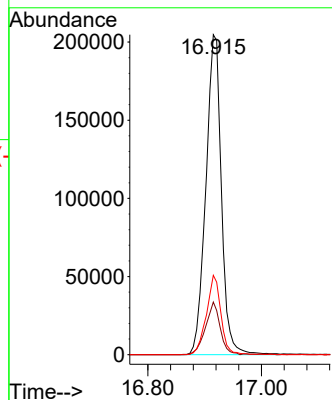
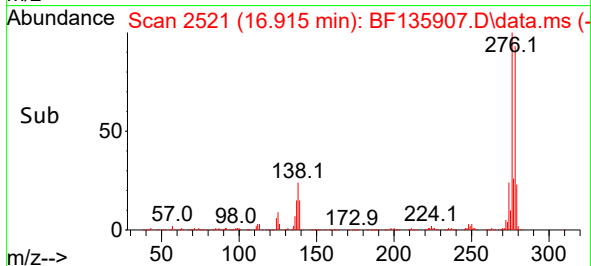


#91
Dibenzo(a,h)anthracene
Concen: 52.996 ng
RT: 16.915 min Scan# 2521
Delta R.T. -0.024 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Instrument :
BNA_F
ClientSampleId :
PB156209BSD



Tgt Ion:278 Resp: 388183
Ion Ratio Lower Upper
278 100
139 16.5 12.5 18.7
279 24.8 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 58.073 ng
RT: 17.368 min Scan# 2598
Delta R.T. -0.018 min
Lab File: BF135907.D
Acq: 20 Oct 2023 14:31

Tgt Ion:276 Resp: 436942
Ion Ratio Lower Upper
276 100
277 25.2 19.4 29.2
138 20.8 17.3 25.9

