

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102023\
 Data File : BF135912.D
 Acq On : 20 Oct 2023 17:23
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 20 23:19:33 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	6.733	152	91550	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	340549	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	166744	20.000	ng	-0.01
64) Phenanthrene-d10	11.268	188	343013	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	142734	20.000	ng	-0.02
86) Perylene-d12	15.409	264	166467	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	467623	82.121	ng	0.00
7) Phenol-d6	6.392	99	560135	78.838	ng	0.00
23) Nitrobenzene-d5	7.310	82	522685	84.414	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	147724	92.325	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	905462	84.903	ng	-0.01
79) Terphenyl-d14	12.868	244	865745	112.327	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.416	88	135766	49.430	ng	99
3) Pyridine	3.163	79	262489	38.950	ng	99
4) n-Nitrosodimethylamine	3.145	42	153877	42.460	ng	99
6) Aniline	6.410	93	349226	39.058	ng	# 70
8) 2-Chlorophenol	6.528	128	243433	39.644	ng	99
9) Benzaldehyde	6.298	77	163601	40.457	ng	99
10) Phenol	6.410	94	305918	41.092	ng	100
11) bis(2-Chloroethyl)ether	6.481	93	237279	39.556	ng	98
12) 1,3-Dichlorobenzene	6.675	146	235318	37.800	ng	99
13) 1,4-Dichlorobenzene	6.751	146	248395	39.388	ng	98
14) 1,2-Dichlorobenzene	6.904	146	221231	38.961	ng	98
15) Benzyl Alcohol	6.892	79	200122	42.362	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	396771	36.573	ng	91
17) 2-Methylphenol	7.010	107	201061	37.823	ng	95
18) Hexachloroethane	7.233	117	88250	38.595	ng	95
19) n-Nitroso-di-n-propyla...	7.157	70	167222	38.065	ng	97
20) 3+4-Methylphenols	7.163	107	259181	39.110	ng	93
22) Acetophenone	7.151	105	321698	41.190	ng	99
24) Nitrobenzene	7.328	77	260819	41.970	ng	99
25) Isophorone	7.563	82	488620	41.829	ng	99
26) 2-Nitrophenol	7.639	139	135728	44.755	ng	97
27) 2,4-Dimethylphenol	7.686	122	214343	42.933	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	283578	40.763	ng	99
29) 2,4-Dichlorophenol	7.886	162	197738	42.264	ng	99
30) 1,2,4-Trichlorobenzene	7.957	180	196355	41.033	ng	97
31) Naphthalene	8.039	128	676698	40.739	ng	99
32) Benzoic acid	7.857	122	165492	48.970	ng	93
33) 4-Chloroaniline	8.098	127	299079	41.218	ng	99
34) Hexachlorobutadiene	8.145	225	122916	43.396	ng	99
35) Caprolactam	8.498	113	67973	42.498	ng	# 85
36) 4-Chloro-3-methylphenol	8.592	107	231992	44.713	ng	99
37) 2-Methylnaphthalene	8.727	142	448780	41.007	ng	98
38) 1-Methylnaphthalene	8.827	142	412503	40.867	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	207741	43.311	ng	99
41) Hexachlorocyclopentadiene	8.875	237	20068	39.009	ng	91
43) 2,4,6-Trichlorophenol	9.022	196	131532	42.555	ng	100

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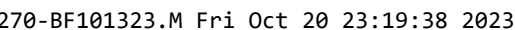
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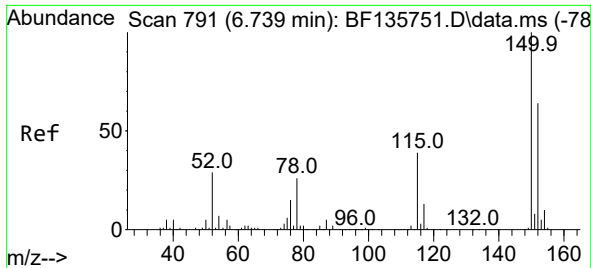
Quant Time: Oct 20 23:19:33 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	148950	41.433	ng	99
46) 1,1'-Biphenyl	9.198	154	544544	42.633	ng	98
47) 2-Chloronaphthalene	9.222	162	388765	42.232	ng	99
48) 2-Nitroaniline	9.333	65	155142	42.697	ng	97
49) Acenaphthylene	9.633	152	637242	41.831	ng	98
50) Dimethylphthalate	9.504	163	466746	41.465	ng	99
51) 2,6-Dinitrotoluene	9.580	165	105831	43.721	ng	# 84
52) Acenaphthene	9.810	154	385521	42.222	ng	99
53) 3-Nitroaniline	9.751	138	128771	43.396	ng	99
54) 2,4-Dinitrophenol	9.874	184	71005	70.272	ng	95
55) Dibenzofuran	9.980	168	593998	43.114	ng	100
56) 4-Nitrophenol	9.945	139	41092	33.641	ng	97
57) 2,4-Dinitrotoluene	9.992	165	139872	45.420	ng	94
58) Fluorene	10.327	166	471939	43.756	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	115195	42.401	ng	97
60) Diethylphthalate	10.204	149	487842	42.453	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	228535	43.840	ng	96
62) 4-Nitroaniline	10.374	138	117618	43.081	ng	96
63) Azobenzene	10.480	77	481322	43.111	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	76857	44.522	ng	93
66) n-Nitrosodiphenylamine	10.445	169	425355	40.685	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	139255	40.443	ng	98
68) Hexachlorobenzene	10.880	284	142880	40.757	ng	95
69) Atrazine	10.974	200	109887	38.642	ng	98
70) Pentachlorophenol	11.086	266	53076	38.388	ng	95
71) Phenanthrene	11.298	178	677054	41.204	ng	100
72) Anthracene	11.351	178	696479	40.904	ng	100
73) Carbazole	11.510	167	671891	42.310	ng	99
74) Di-n-butylphthalate	11.833	149	705323	36.175	ng	99
75) Fluoranthene	12.492	202	623665	34.197	ng	99
77) Benzidine	12.621	184	139415	44.762	ng	99
78) Pyrene	12.721	202	678112	59.786	ng	99
80) Butylbenzylphthalate	13.339	149	259343	52.032	ng	99
81) Benzo(a)anthracene	13.927	228	391403	41.748	ng	99
82) 3,3'-Dichlorobenzidine	13.886	252	120095	38.624	ng	95
83) Chrysene	13.962	228	381401	42.001	ng	99
84) Bis(2-ethylhexyl)phtha...	13.898	149	248238	36.747	ng	100
85) Di-n-octyl phthalate	14.521	149	437214	40.815	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	435855	48.052	ng	98
88) Benzo(b)fluoranthene	14.980	252	355184	38.124	ng	98
89) Benzo(k)fluoranthene	15.009	252	374414	41.394	ng	98
90) Benzo(a)pyrene	15.351	252	360541	41.154	ng	98
91) Dibenzo(a,h)anthracene	16.915	278	360664	48.504	ng	99
92) Benzo(g,h,i)perylene	17.368	276	373914	48.954	ng	94

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

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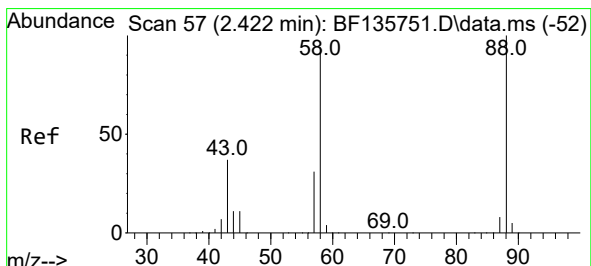
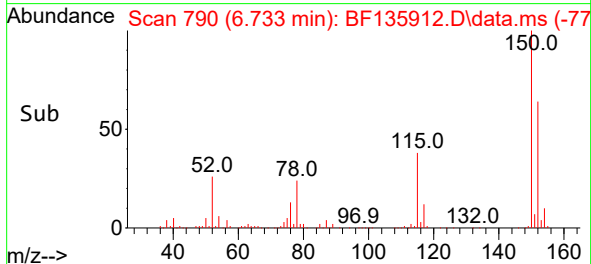
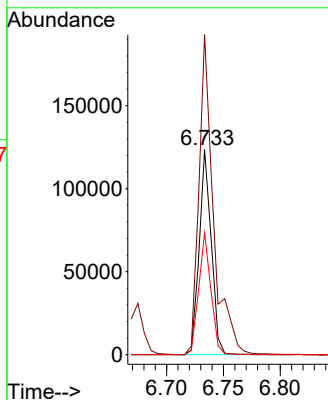
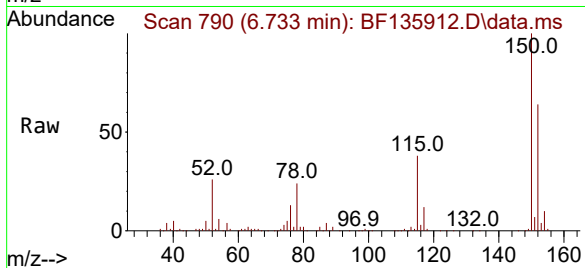




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.733 min Scan# 791
 Delta R.T. -0.013 min
 Lab File: BF135912.D
 Acq: 20 Oct 2023 17:23

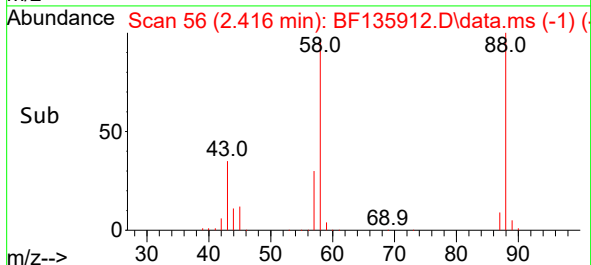
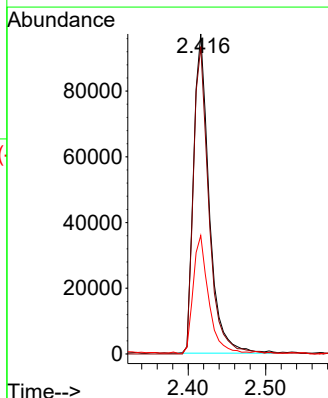
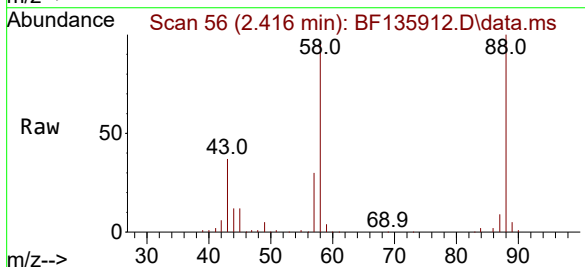
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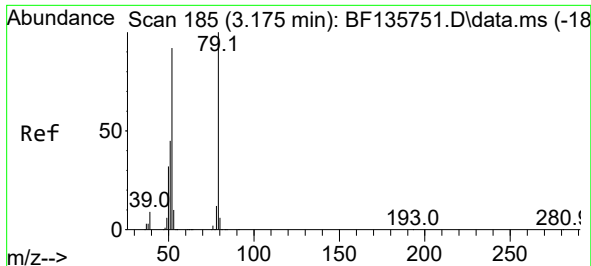
Tgt Ion:152 Resp: 91550
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.5 186.7
 115 59.5 49.0 73.4



#2
 1,4-Dioxane
 Concen: 49.430 ng
 RT: 2.416 min Scan# 56
 Delta R.T. -0.024 min
 Lab File: BF135912.D
 Acq: 20 Oct 2023 17:23

Tgt Ion: 88 Resp: 135766
 Ion Ratio Lower Upper
 88 100
 58 95.7 76.1 114.1
 43 36.0 29.8 44.8

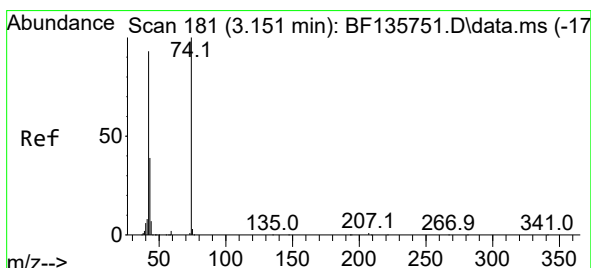
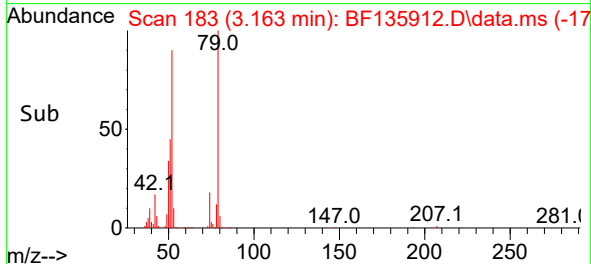
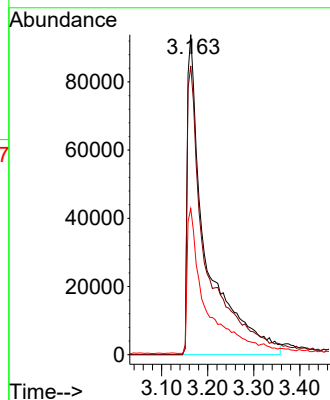
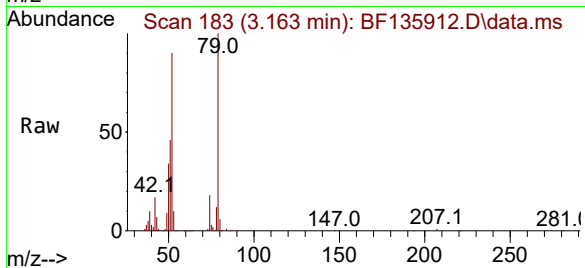




#3
Pyridine
Concen: 38.950 ng
RT: 3.163 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

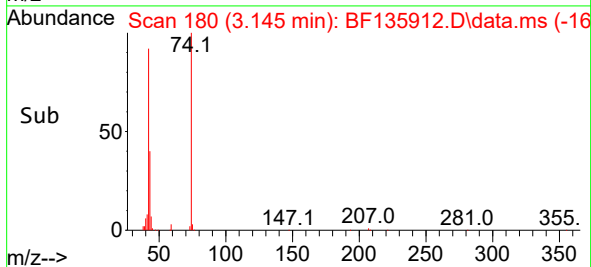
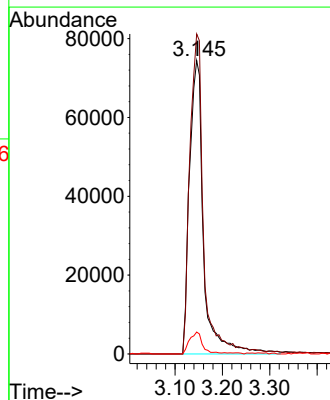
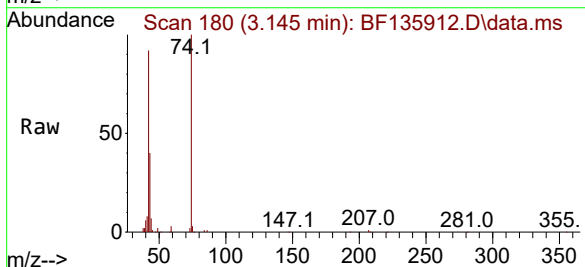
Instrument :
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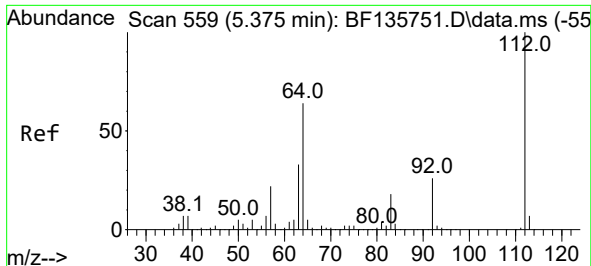
Tgt Ion: 79 Resp: 262489
Ion Ratio Lower Upper
79 100
52 90.2 73.4 110.2
51 45.7 36.5 54.7



#4
n-Nitrosodimethylamine
Concen: 42.460 ng
RT: 3.145 min Scan# 180
Delta R.T. -0.024 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion: 42 Resp: 153877
Ion Ratio Lower Upper
42 100
74 109.0 86.5 129.7
44 7.5 5.9 8.9

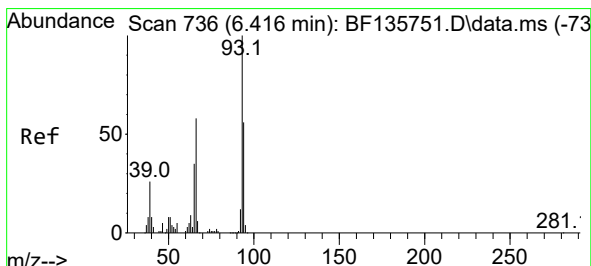
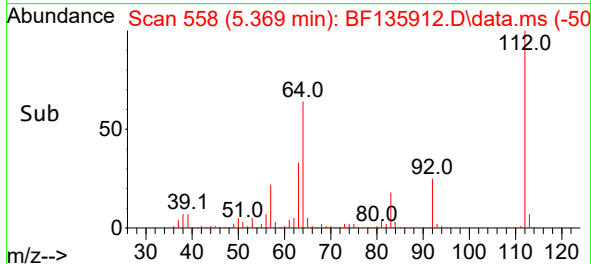
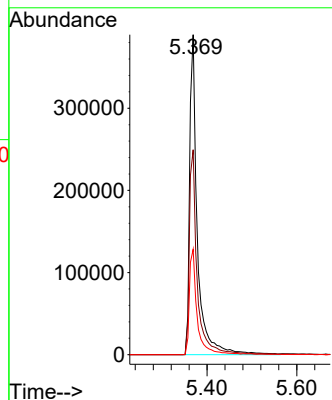
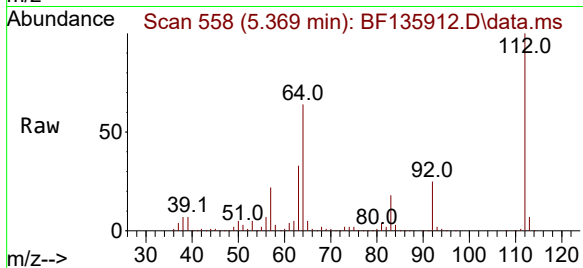




#5
2-Fluorophenol
Concen: 82.121 ng
RT: 5.369 min Scan# 511
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

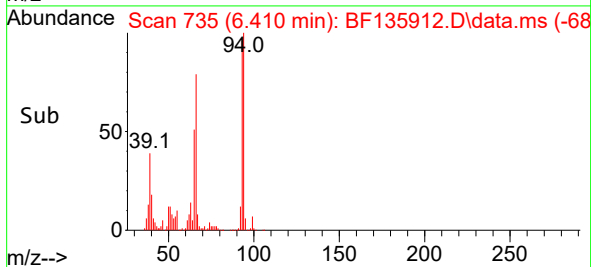
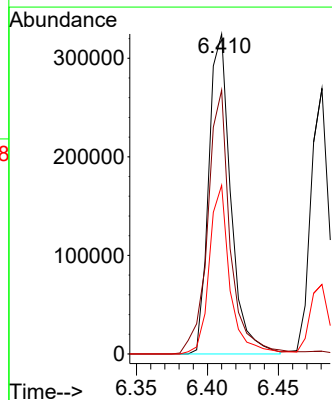
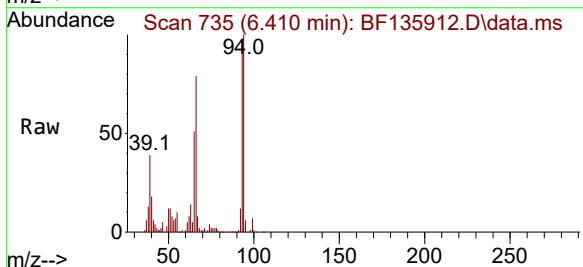
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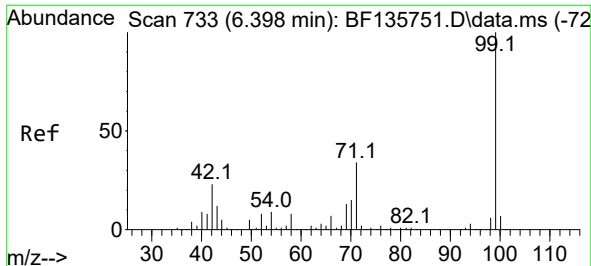
Tgt Ion:112 Resp: 467623
Ion Ratio Lower Upper
112 100
64 64.1 51.2 76.8
63 33.0 26.1 39.1



#6
Aniline
Concen: 39.058 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion: 93 Resp: 349226
Ion Ratio Lower Upper
93 100
66 82.5 47.6 71.4#
65 52.7 28.5 42.7#

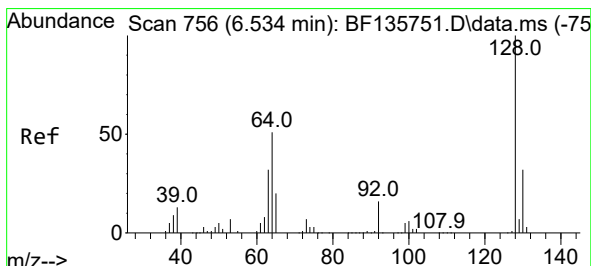
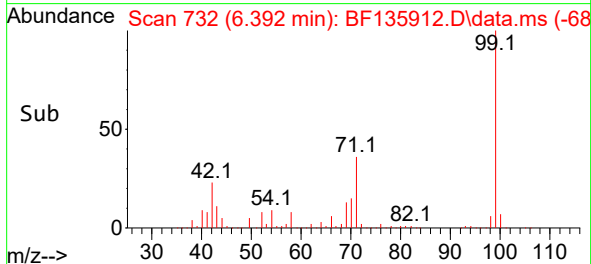
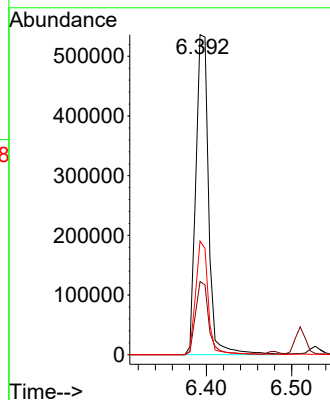
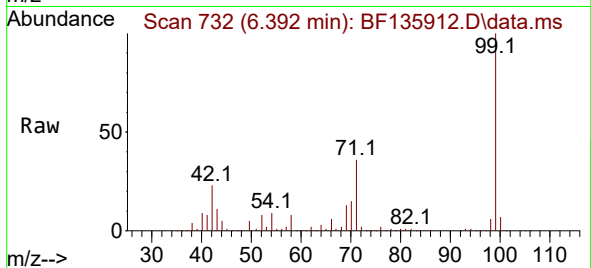




#7
Phenol-d6
Concen: 78.838 ng
RT: 6.392 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

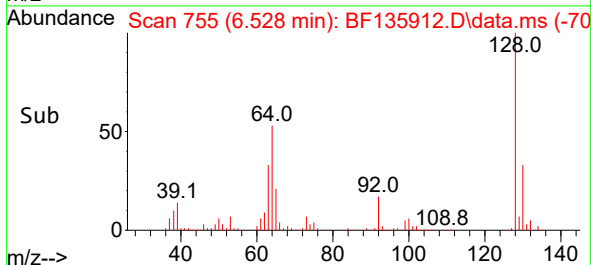
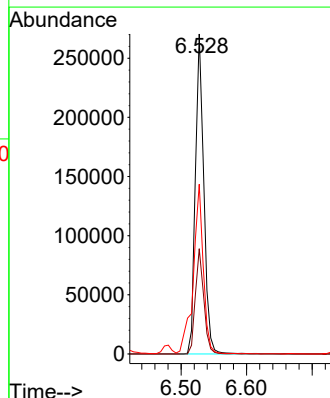
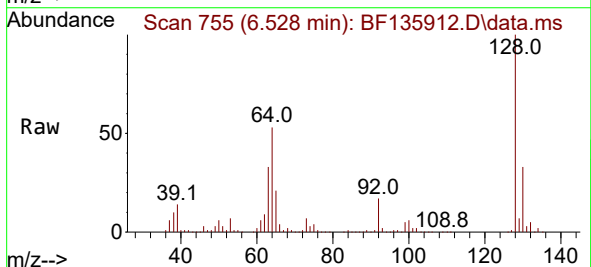
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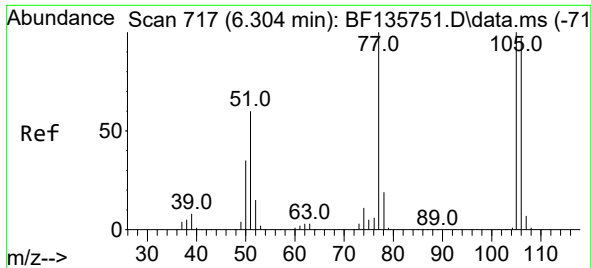
Tgt Ion: 99 Resp: 560135
Ion Ratio Lower Upper
99 100
42 22.9 18.4 27.6
71 35.5 27.2 40.8



#8
2-Chlorophenol
Concen: 39.644 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion:128 Resp: 243433
Ion Ratio Lower Upper
128 100
130 32.9 12.4 52.4
64 53.1 32.3 72.3

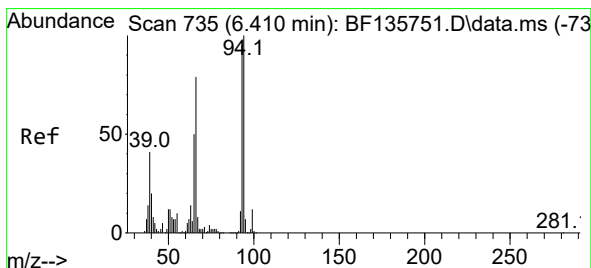
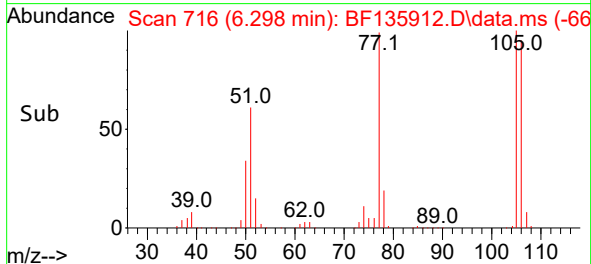
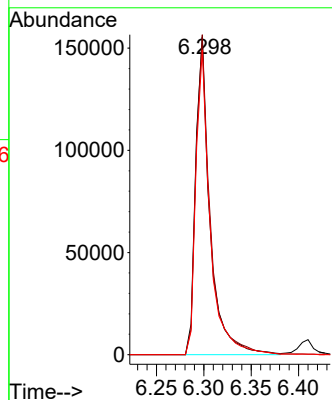
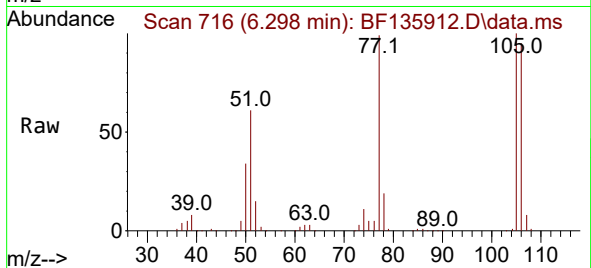




#9
Benzaldehyde
Concen: 40.457 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

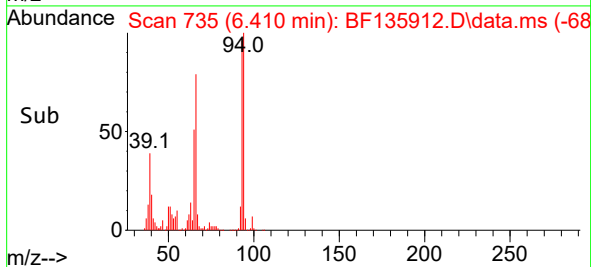
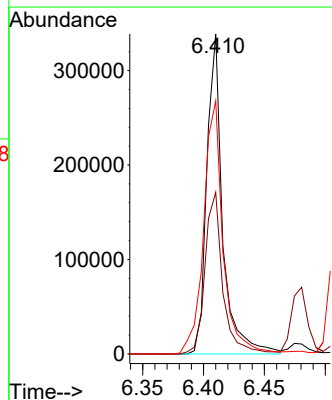
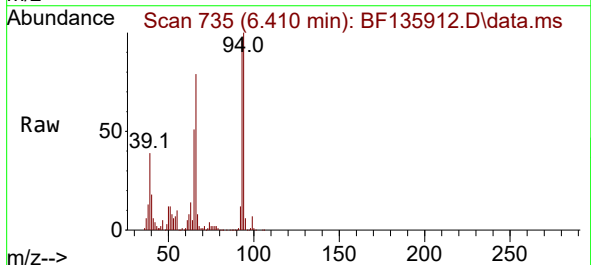
Instrument :
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ClientSampleId :
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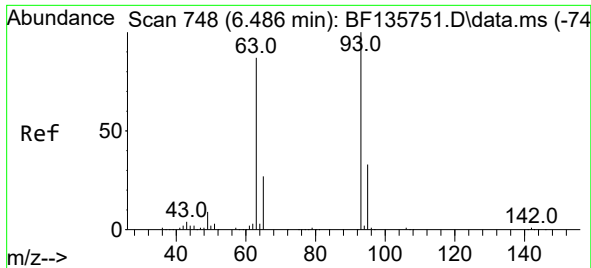
Tgt Ion: 77 Resp: 163601
Ion Ratio Lower Upper
77 100
105 100.7 79.9 119.9
106 95.9 77.1 117.1



#10
Phenol
Concen: 41.092 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion: 94 Resp: 305918
Ion Ratio Lower Upper
94 100
65 50.5 30.3 70.3
66 79.0 59.1 99.1

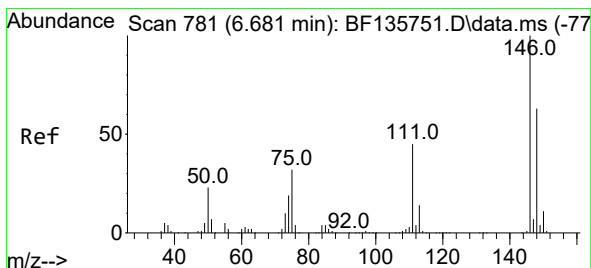
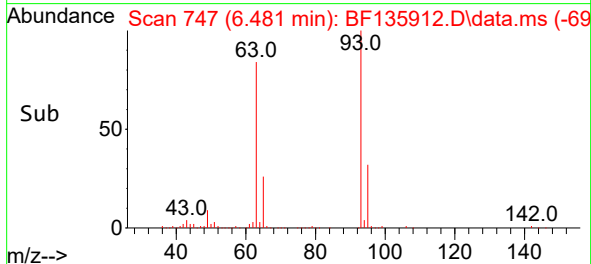
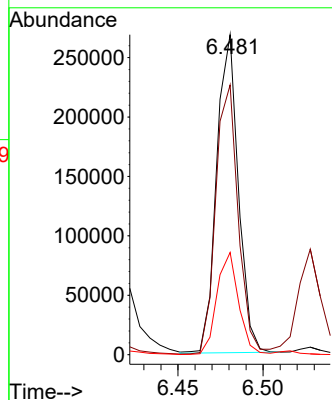
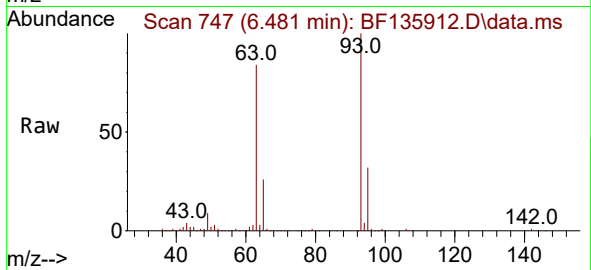




#11
bis(2-Chloroethyl)ether
Concen: 39.556 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

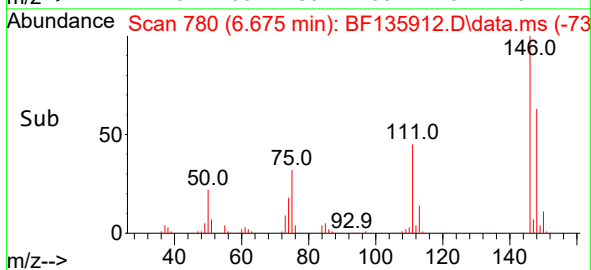
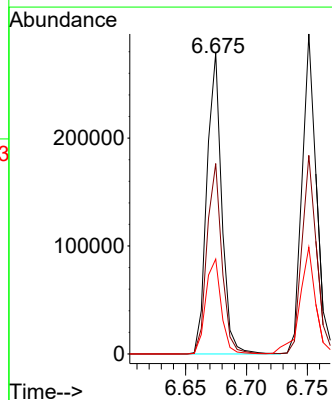
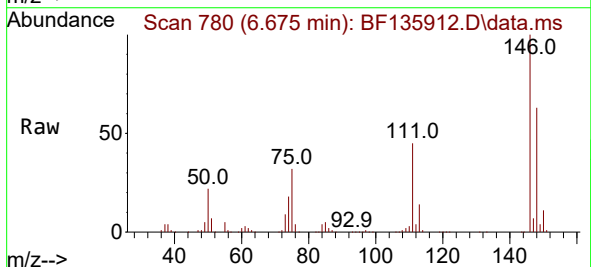
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

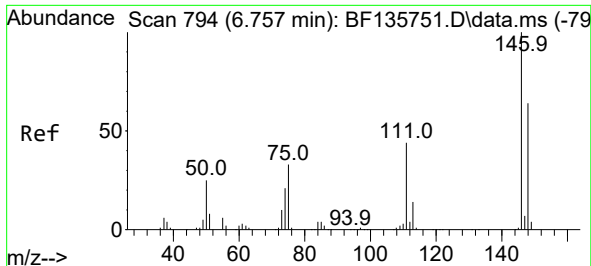
Tgt Ion: 93 Resp: 237279
Ion Ratio Lower Upper
93 100
63 84.3 66.3 106.3
95 31.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 37.800 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion:146 Resp: 235318
Ion Ratio Lower Upper
146 100
148 63.3 50.2 75.4
75 31.5 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 39.388 ng

RT: 6.751 min Scan# 794

Delta R.T. -0.006 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

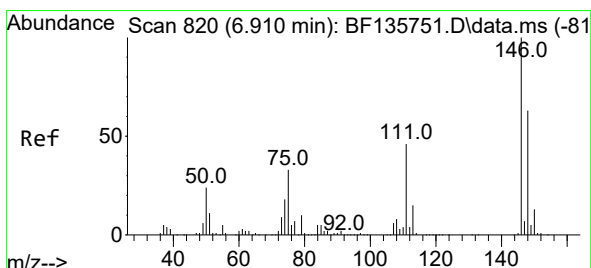
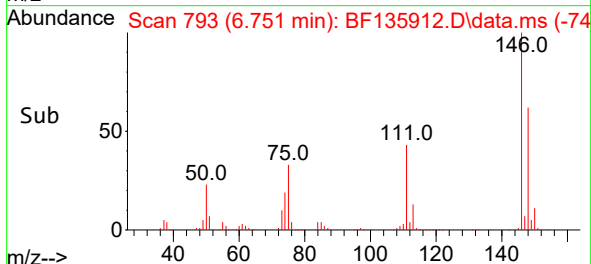
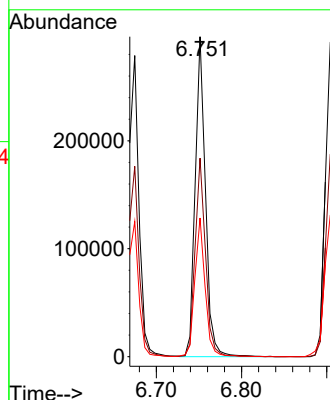
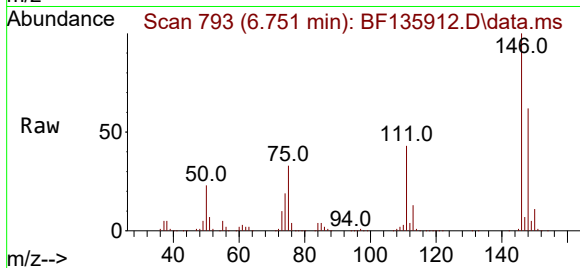
Tgt Ion:146 Resp: 248395

Ion Ratio Lower Upper

146 100

148 62.0 51.0 76.6

111 43.4 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 38.961 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

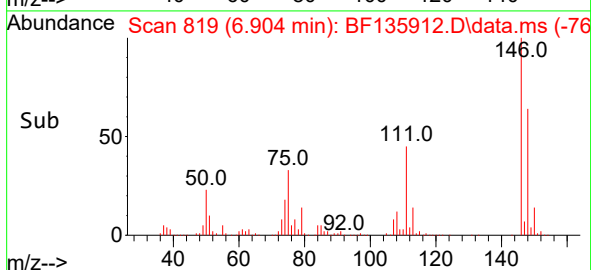
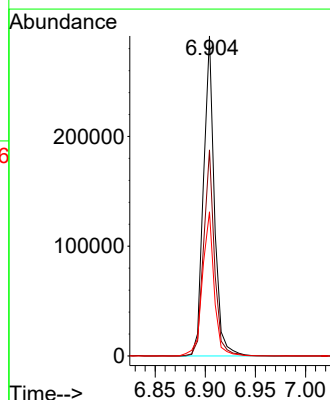
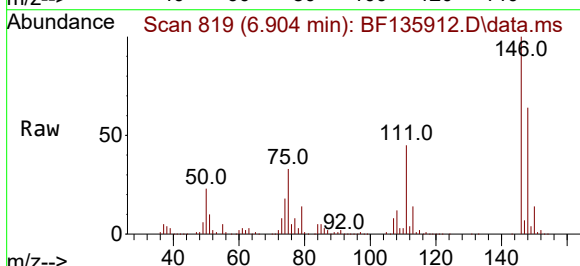
Tgt Ion:146 Resp: 221231

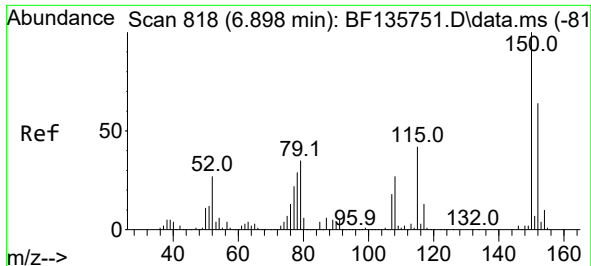
Ion Ratio Lower Upper

146 100

148 64.4 50.2 75.2

111 45.0 37.1 55.7

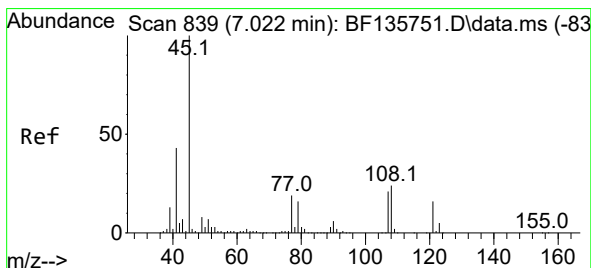
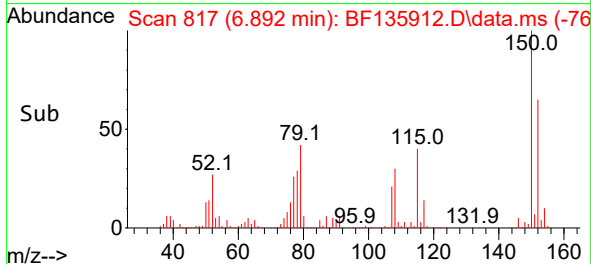
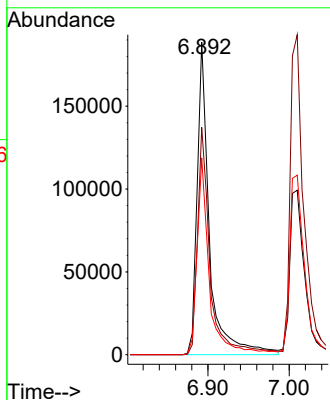
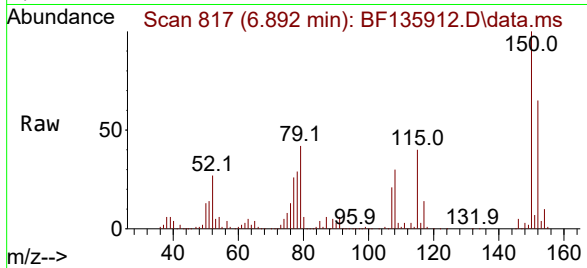




#15
Benzyl Alcohol
Concen: 42.362 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

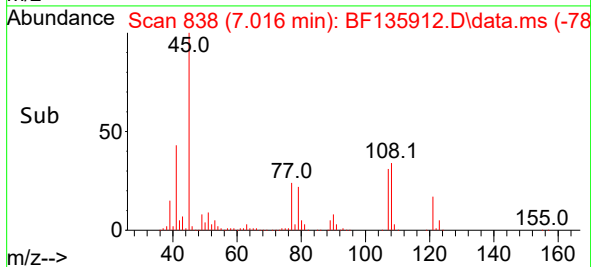
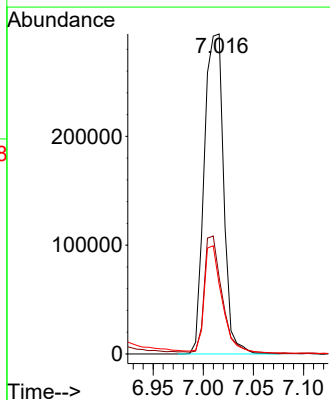
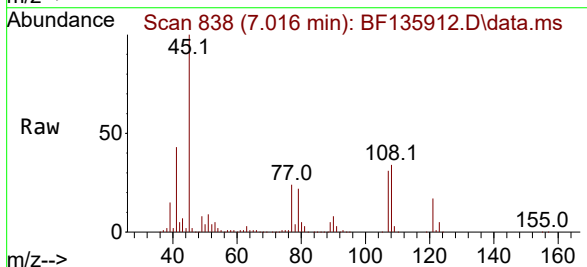
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

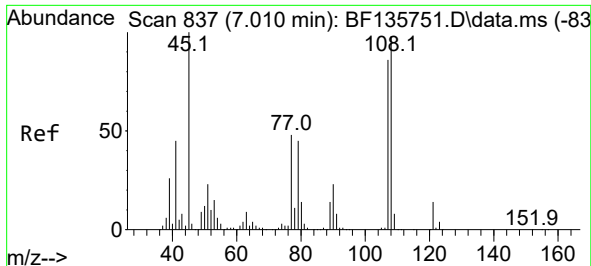
Tgt Ion: 79 Resp: 200122
Ion Ratio Lower Upper
79 100
108 72.7 62.0 93.0
77 62.9 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.573 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion: 45 Resp: 396771
Ion Ratio Lower Upper
45 100
77 23.9 0.0 39.8
79 21.7 0.0 37.6

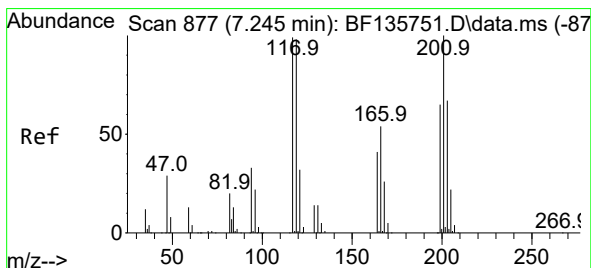
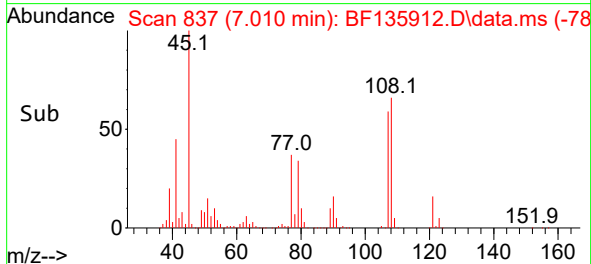
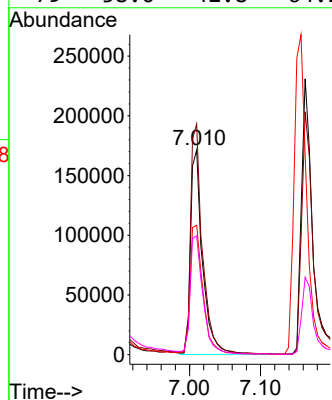
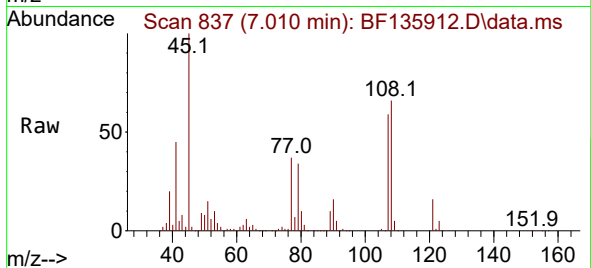




#17
2-Methylphenol
Concen: 37.823 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

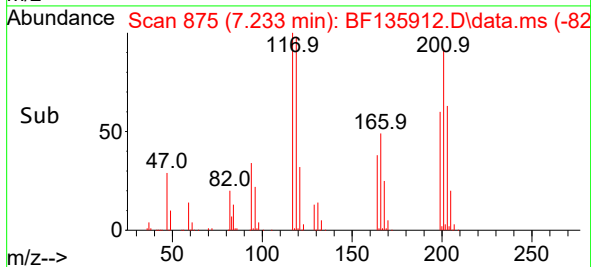
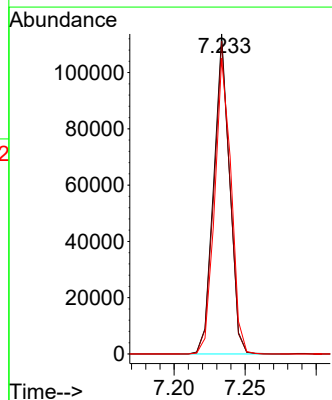
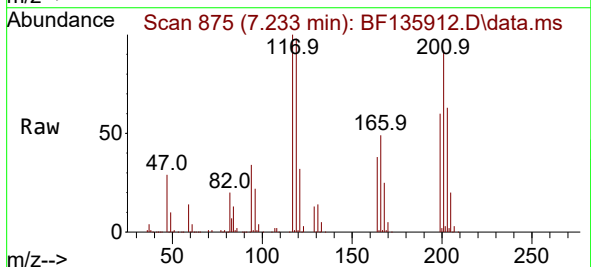
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

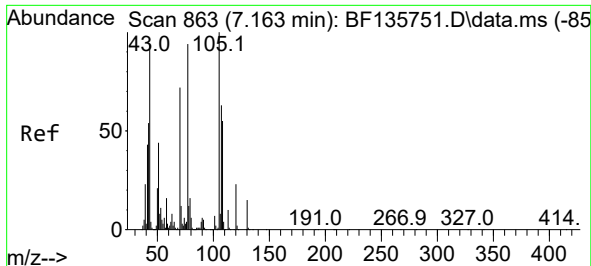
Tgt Ion:107 Resp: 201061
Ion Ratio Lower Upper
107 100
108 112.8 91.8 137.6
77 63.2 45.4 68.0
79 58.0 42.8 64.2



#18
Hexachloroethane
Concen: 38.595 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion:117 Resp: 88250
Ion Ratio Lower Upper
117 100
119 97.7 79.5 119.3
201 92.4 80.9 121.3





#19

n-Nitroso-di-n-propylamine

Concen: 38.065 ng

RT: 7.157 min Scan# 8

Delta R.T. -0.006 min

Lab File: BF135912.D

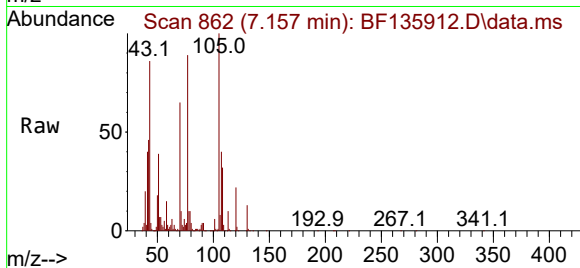
Acq: 20 Oct 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 167222

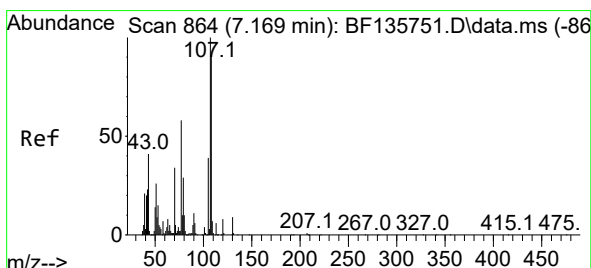
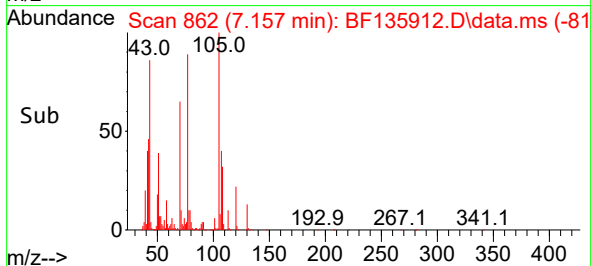
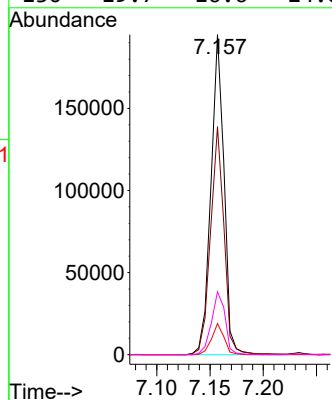
Ion Ratio Lower Upper

70 100

42 71.2 59.8 89.6

101 9.7 7.4 11.2

130 19.7 16.6 24.8



#20

3+4-Methylphenols

Concen: 39.110 ng

RT: 7.163 min Scan# 863

Delta R.T. -0.006 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

Tgt Ion: 107 Resp: 259181

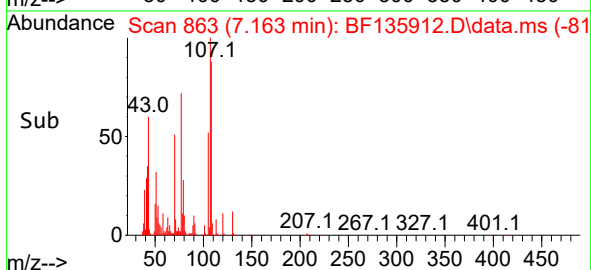
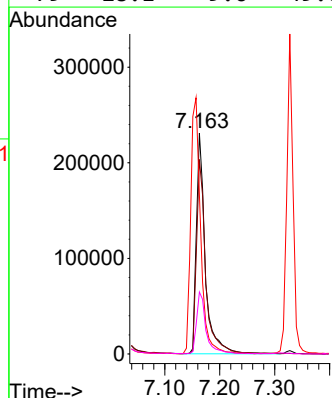
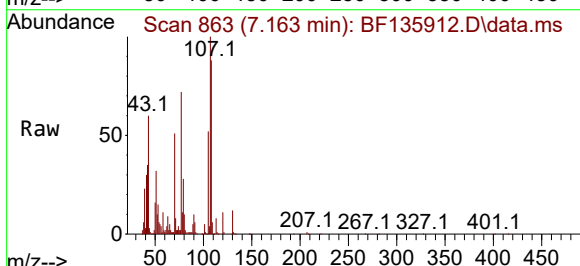
Ion Ratio Lower Upper

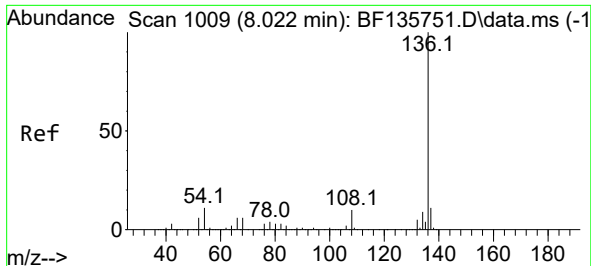
107 100

108 88.0 71.1 111.1

77 72.1 42.0 82.0

79 28.1 9.6 49.6

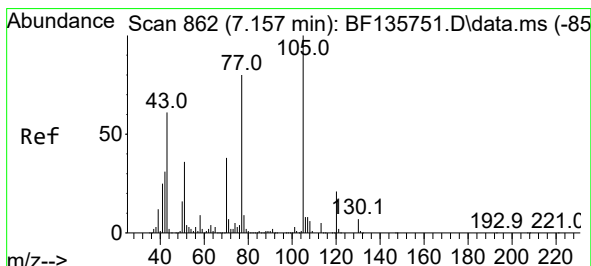
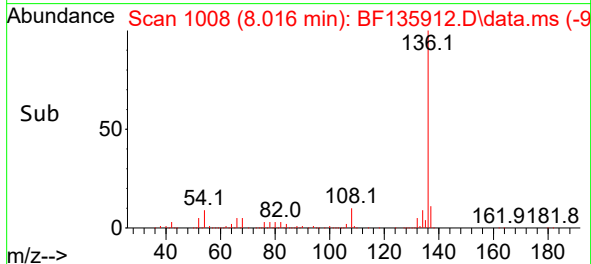
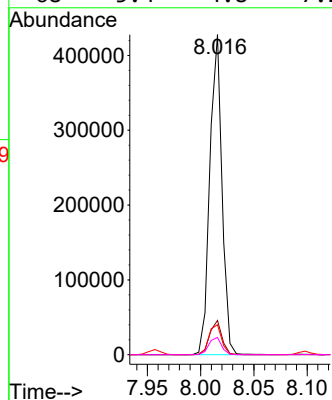
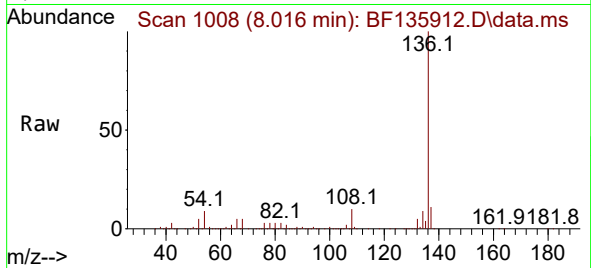




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

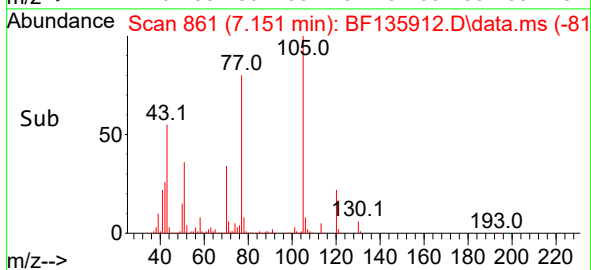
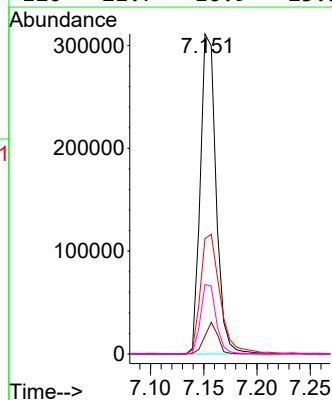
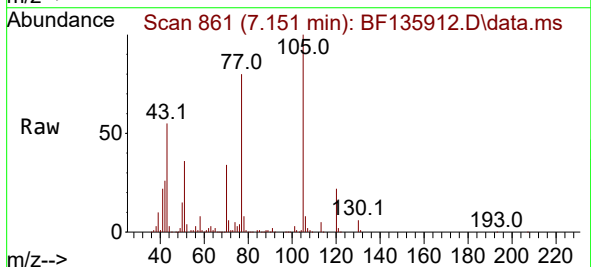
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

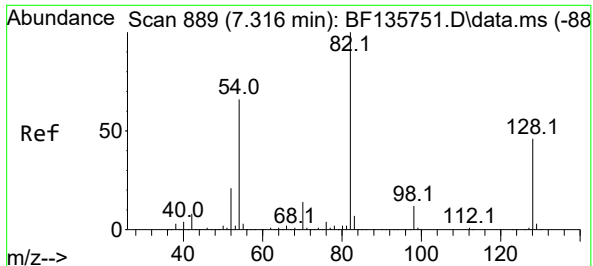
Tgt Ion:136 Resp: 340549
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.3 8.5 12.7
68 5.4 4.8 7.2



#22
Acetophenone
Concen: 41.190 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion:105 Resp: 321698
Ion Ratio Lower Upper
105 100
71 5.6 5.4 8.0
51 36.1 29.4 44.0
120 21.7 16.9 25.3





#23

Nitrobenzene-d5

Concen: 84.414 ng

RT: 7.310 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

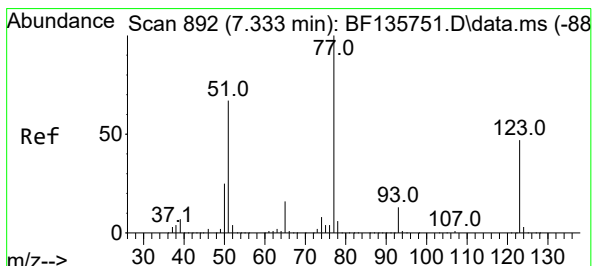
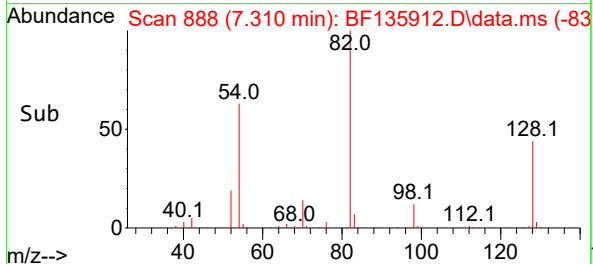
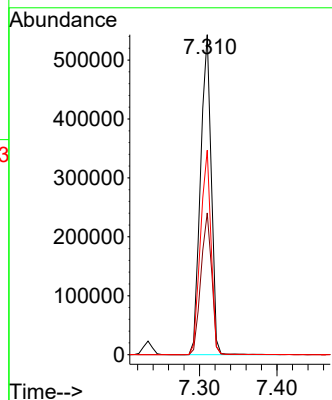
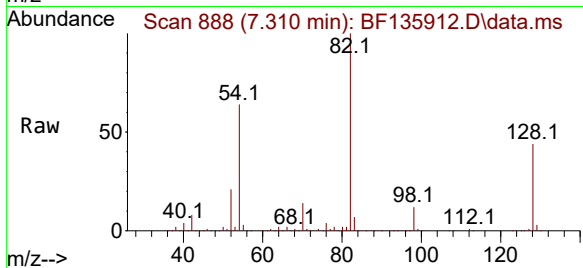
Tgt Ion: 82 Resp: 522685

Ion Ratio Lower Upper

82 100

128 44.3 37.0 55.6

54 63.9 52.8 79.2



#24

Nitrobenzene

Concen: 41.970 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

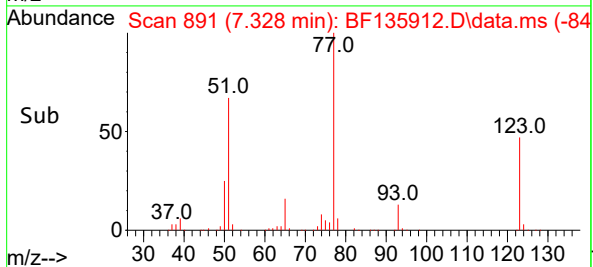
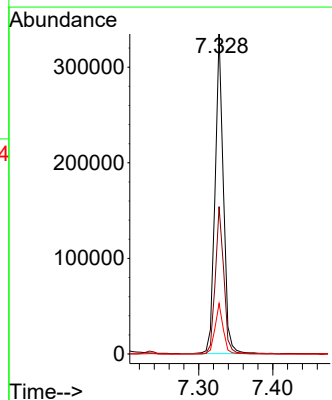
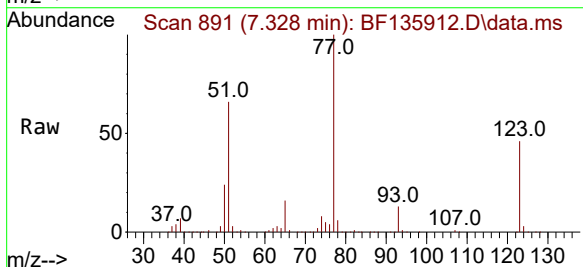
Tgt Ion: 77 Resp: 260819

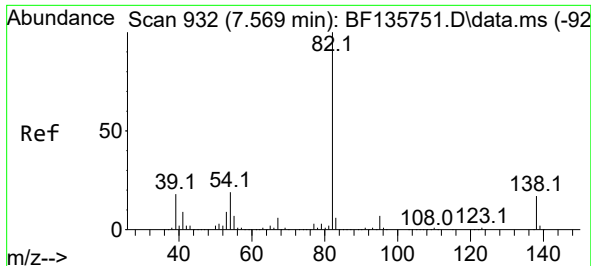
Ion Ratio Lower Upper

77 100

123 46.1 37.3 55.9

65 15.8 12.6 18.8

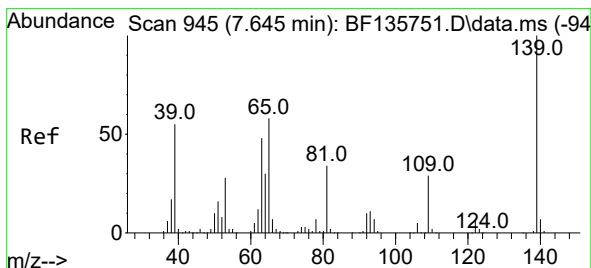
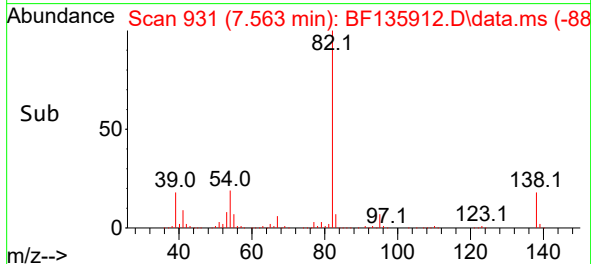
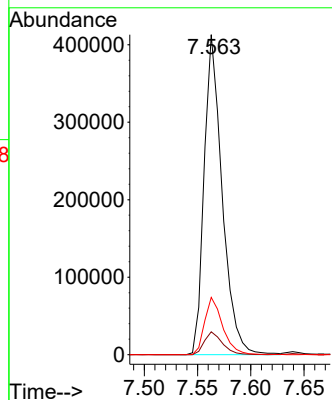
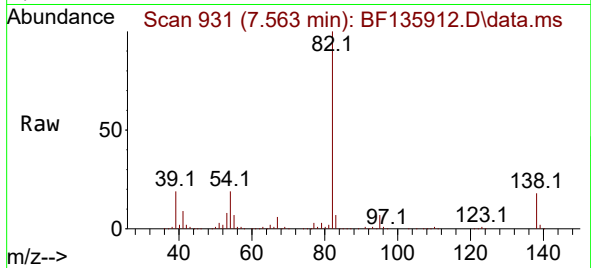




#25
Isophorone
Concen: 41.829 ng
RT: 7.563 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

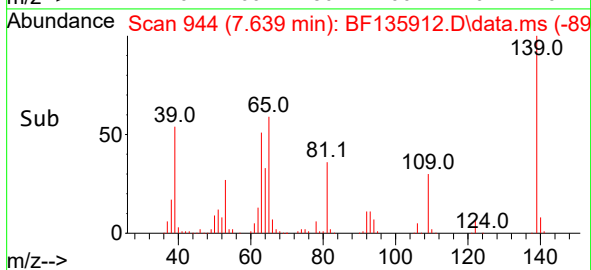
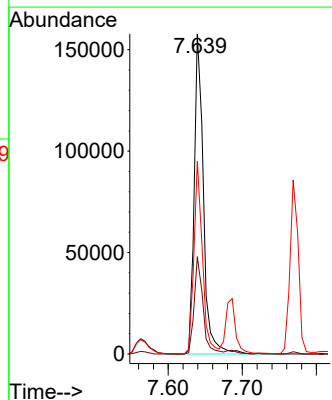
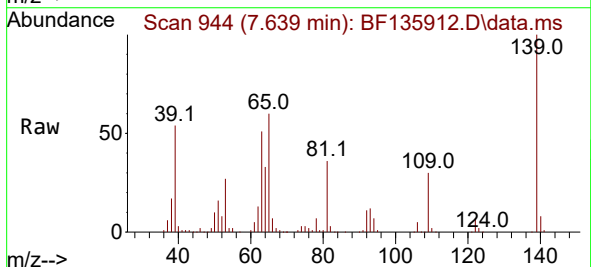
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

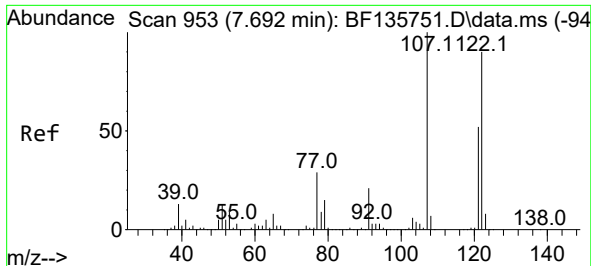
Tgt Ion: 82 Resp: 488620
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.9 13.9 20.9



#26
2-Nitrophenol
Concen: 44.755 ng
RT: 7.639 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion:139 Resp: 135728
Ion Ratio Lower Upper
139 100
109 30.4 23.0 34.4
65 60.1 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 42.933 ng

RT: 7.686 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

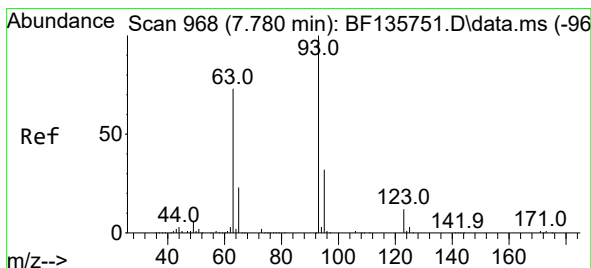
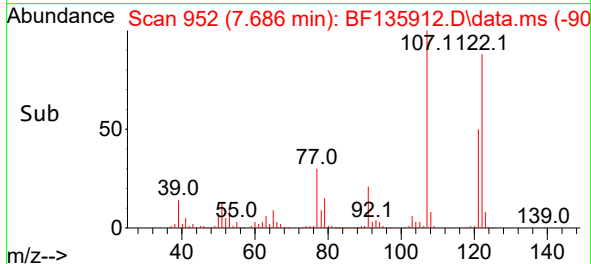
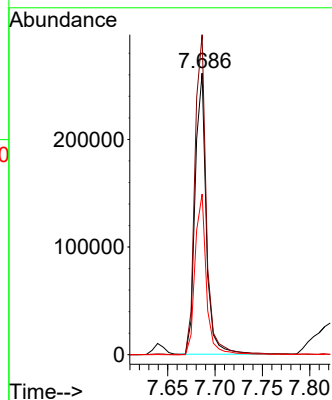
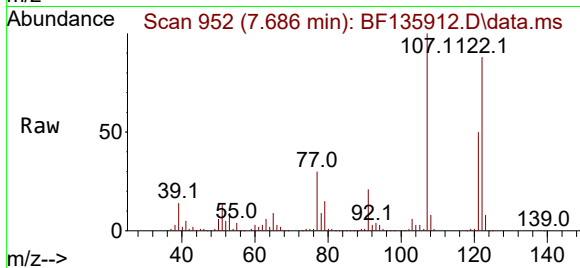
Tgt Ion:122 Resp: 214343

Ion Ratio Lower Upper

122 100

107 113.7 88.2 132.4

121 57.0 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 40.763 ng

RT: 7.769 min Scan# 966

Delta R.T. -0.012 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

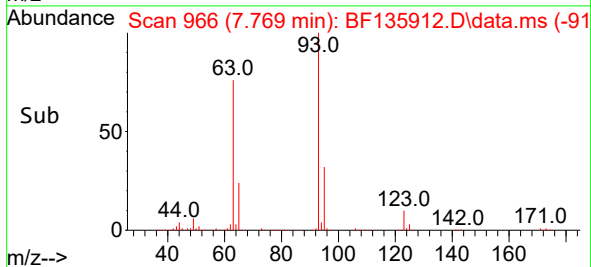
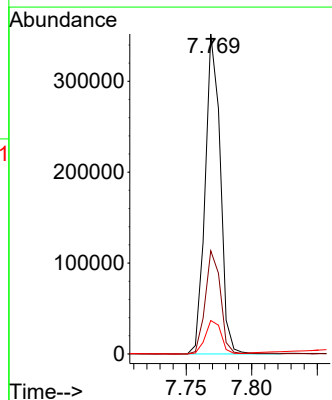
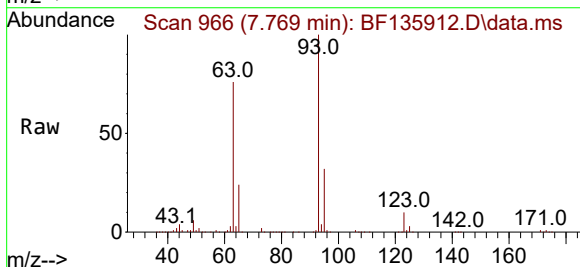
Tgt Ion: 93 Resp: 283578

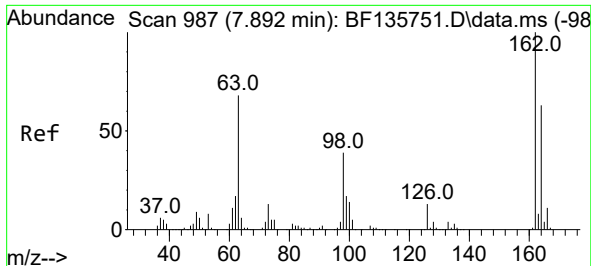
Ion Ratio Lower Upper

93 100

95 32.2 25.7 38.5

123 10.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 42.264 ng

RT: 7.886 min Scan# 986

Delta R.T. -0.006 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

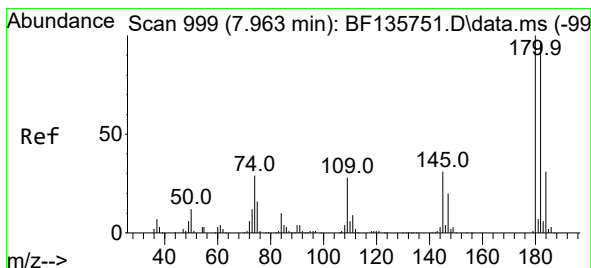
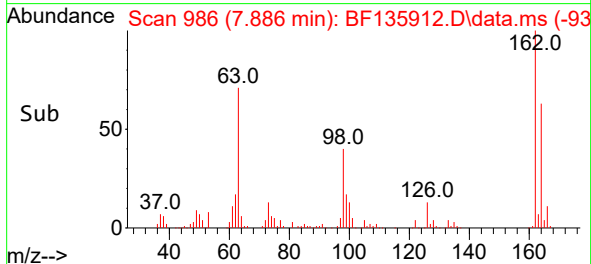
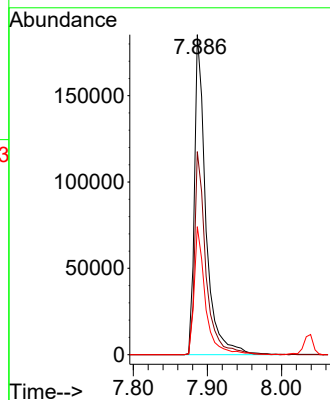
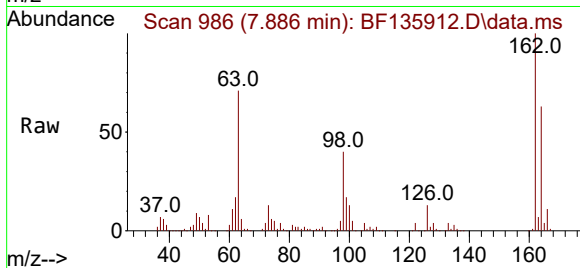
Tgt Ion:162 Resp: 197738

Ion Ratio Lower Upper

162 100

164 63.5 43.4 83.4

98 40.0 19.0 59.0



#30

1,2,4-Trichlorobenzene

Concen: 41.033 ng

RT: 7.957 min Scan# 998

Delta R.T. -0.012 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

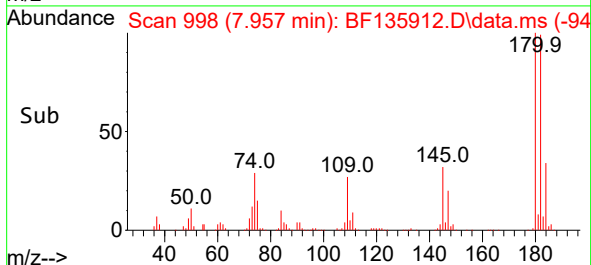
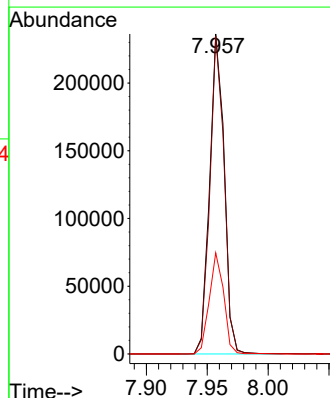
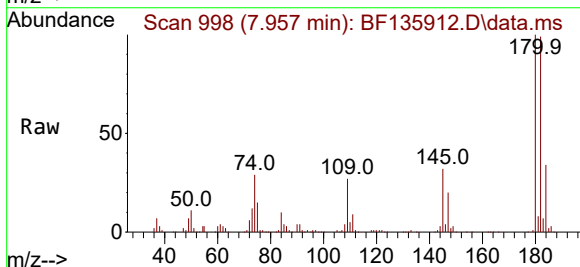
Tgt Ion:180 Resp: 196355

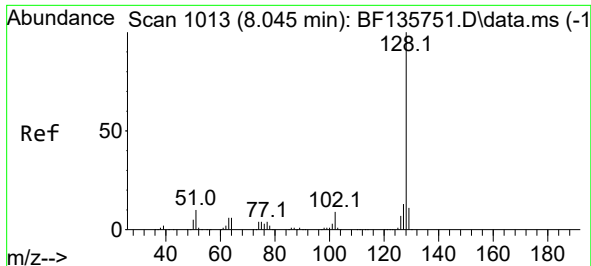
Ion Ratio Lower Upper

180 100

182 99.4 76.4 114.6

145 31.6 25.0 37.6

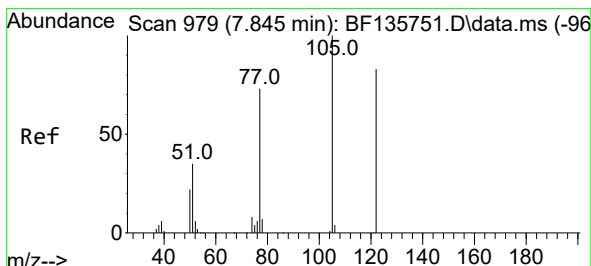
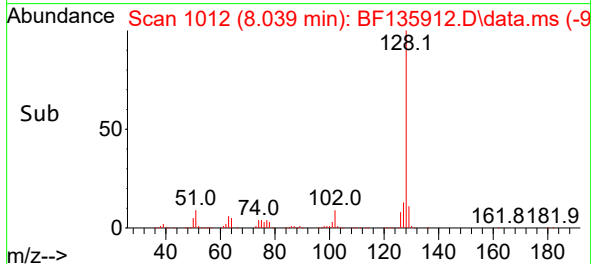
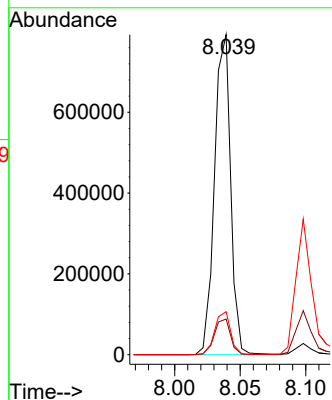
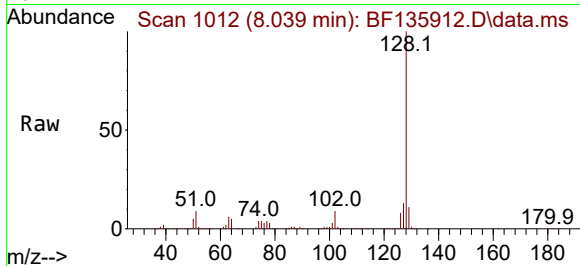




#31
Naphthalene
Concen: 40.739 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

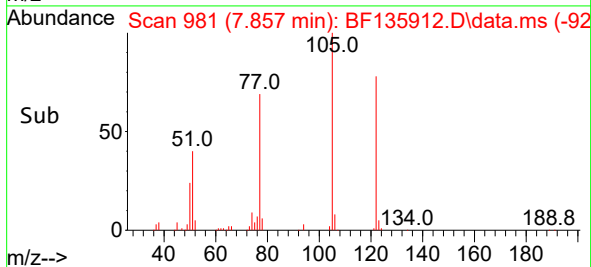
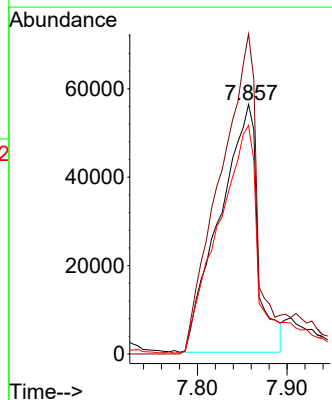
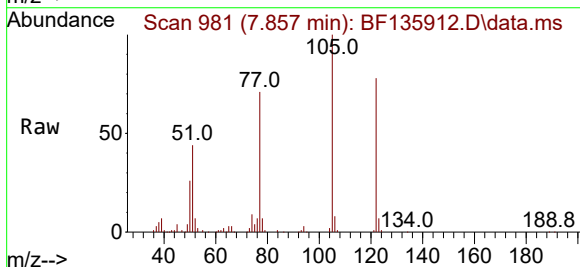
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

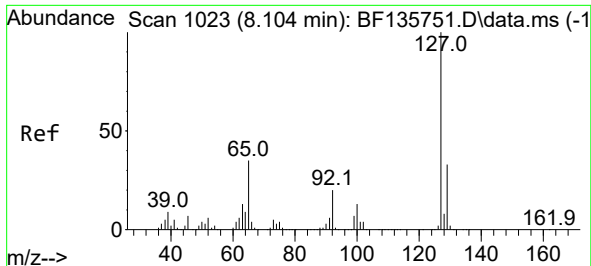
Tgt Ion:128 Resp: 676698
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.5 10.2 15.4



#32
Benzoic acid
Concen: 48.970 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion:122 Resp: 165492
Ion Ratio Lower Upper
122 100
105 128.3 98.7 138.7
77 91.6 67.8 107.8

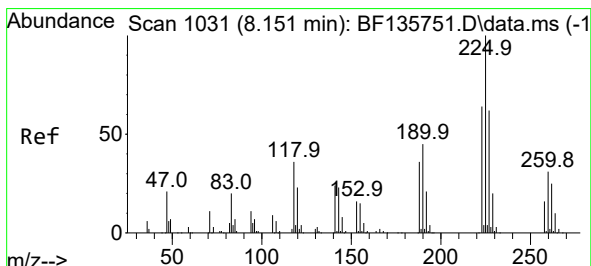
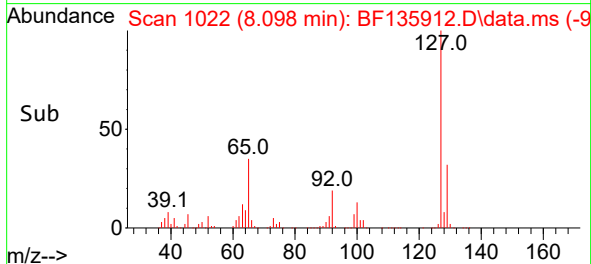
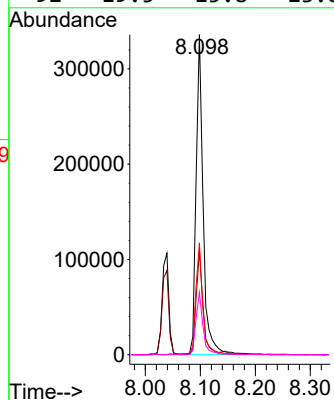
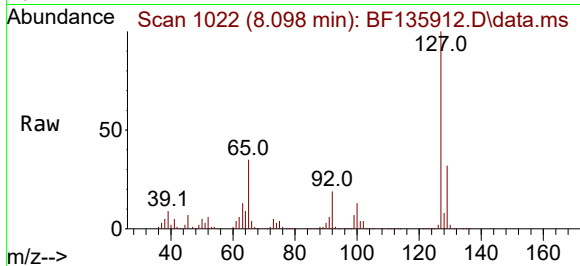




#33
4-Chloroaniline
Concen: 41.218 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

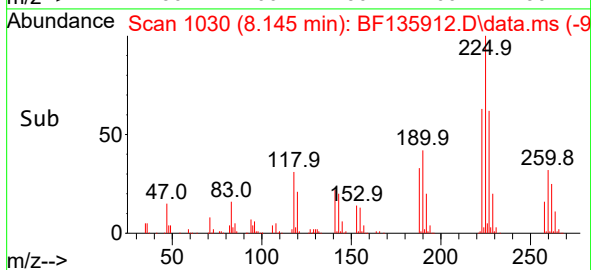
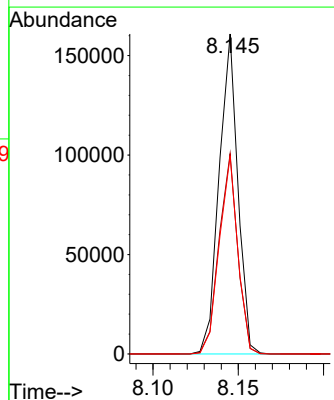
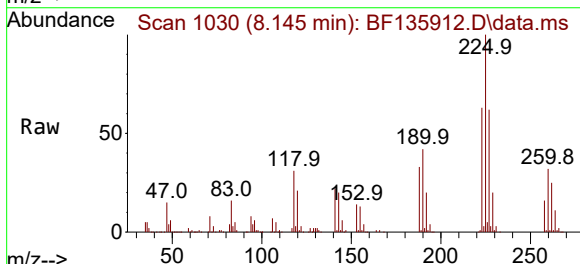
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

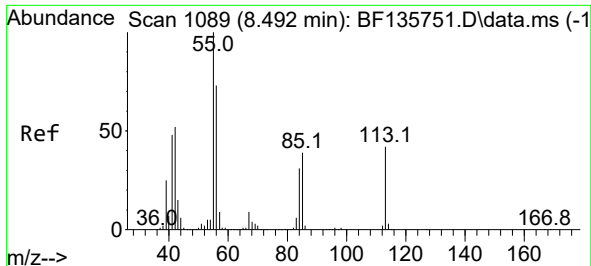
Tgt Ion:	127	Resp:	299079
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.5	39.7
65	34.9	27.9	41.9
92	19.5	15.8	23.8



#34
Hexachlorobutadiene
Concen: 43.396 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion:	225	Resp:	122916
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.1	76.7
227	61.8	49.7	74.5

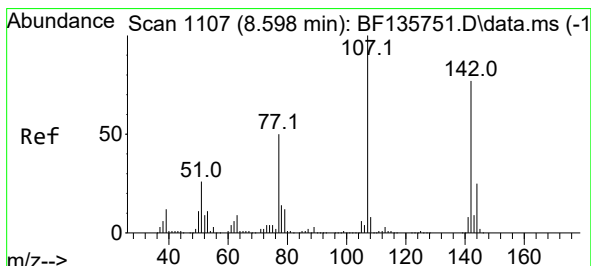
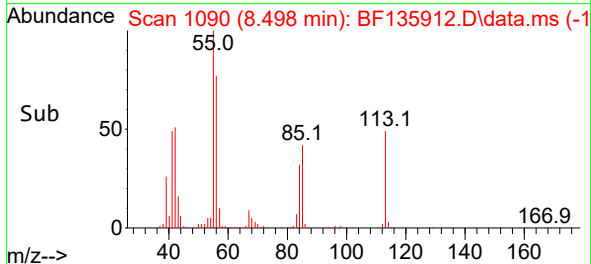
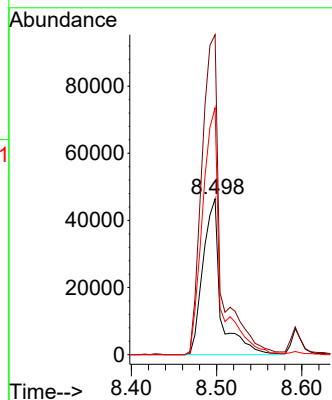
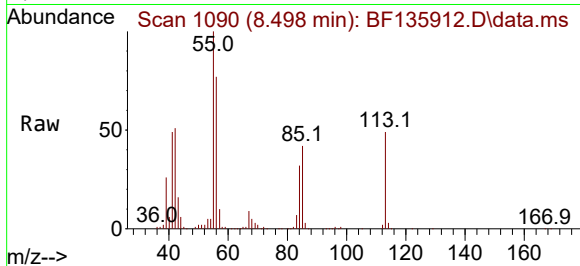




#35
 Caprolactam
 Concen: 42.498 ng
 RT: 8.498 min Scan# 1106
 Delta R.T. -0.000 min
 Lab File: BF135912.D
 Acq: 20 Oct 2023 17:23

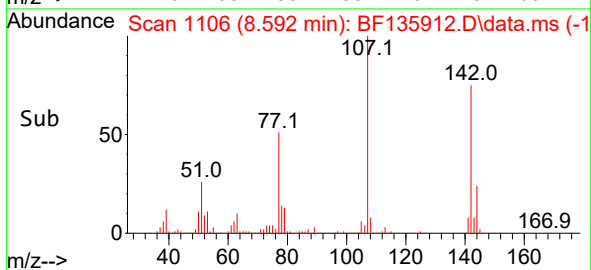
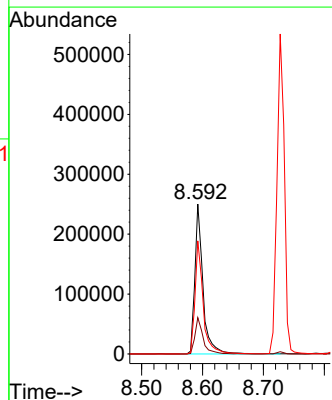
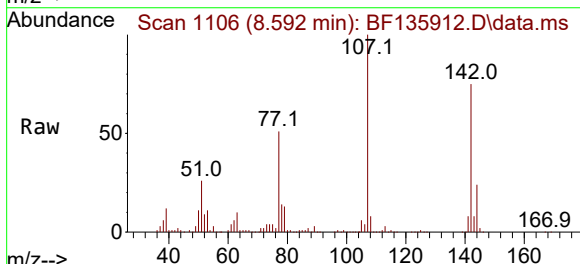
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

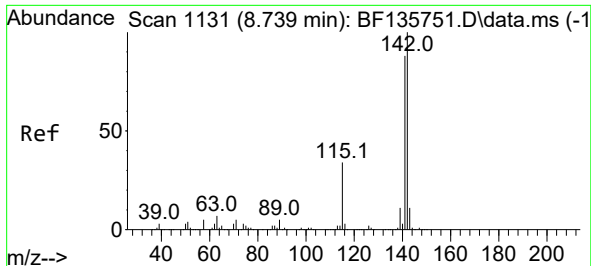
Tgt Ion:113 Resp: 67973
 Ion Ratio Lower Upper
 113 100
 55 205.4 217.4 257.4#
 56 158.5 153.1 193.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.713 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF135912.D
 Acq: 20 Oct 2023 17:23

Tgt Ion:107 Resp: 231992
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.8 29.8
 142 75.5 61.3 91.9

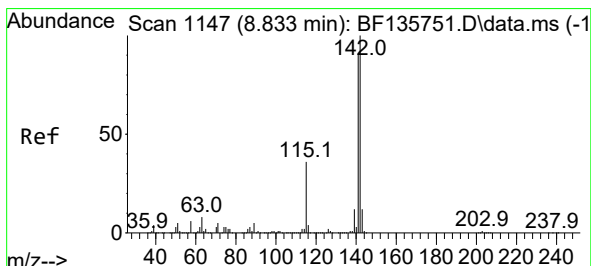
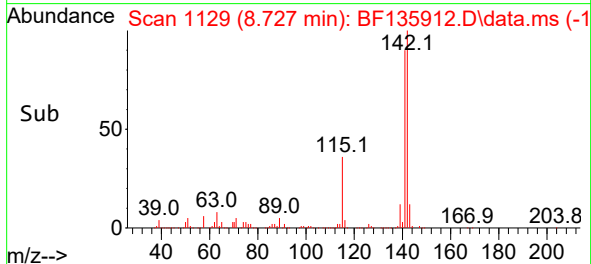
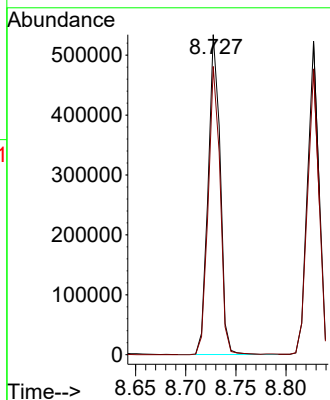
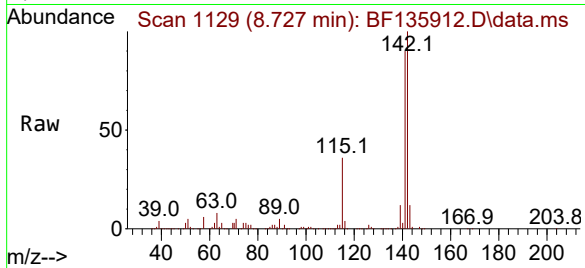




#37
2-Methylnaphthalene
Concen: 41.007 ng
RT: 8.727 min Scan# 1129
Delta R.T. -0.012 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

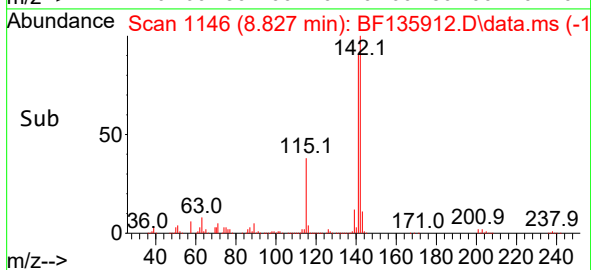
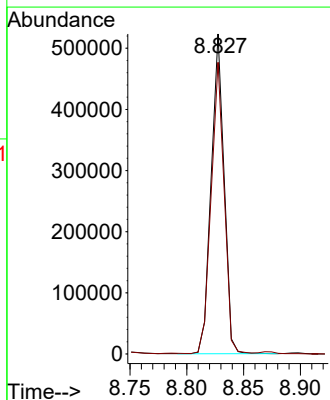
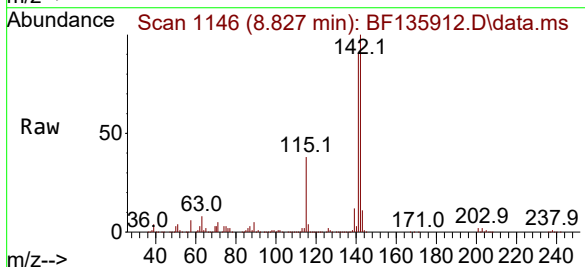
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

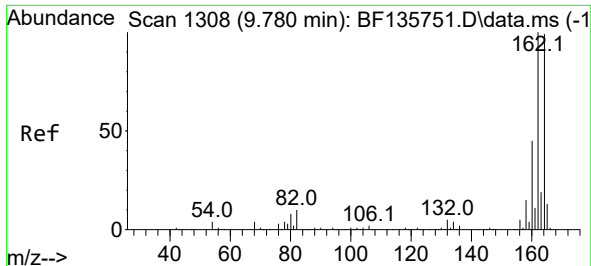
Tgt Ion:142 Resp: 448780
Ion Ratio Lower Upper
142 100
141 90.0 70.6 105.8



#38
1-Methylnaphthalene
Concen: 40.867 ng
RT: 8.827 min Scan# 1146
Delta R.T. -0.012 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion:142 Resp: 412503
Ion Ratio Lower Upper
142 100
141 91.1 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 1158

Delta R.T. -0.012 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

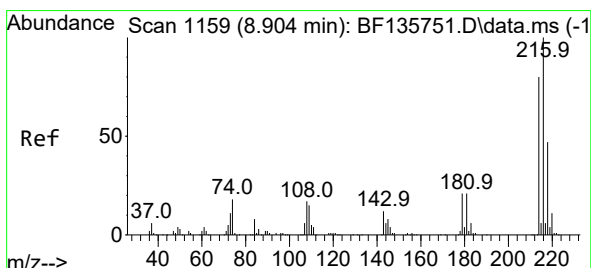
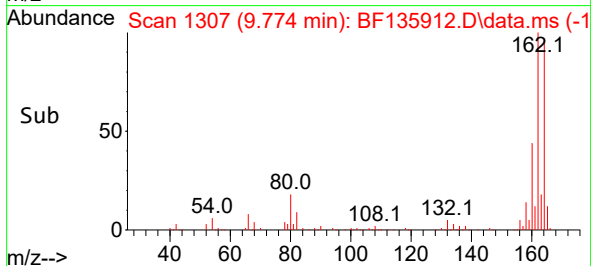
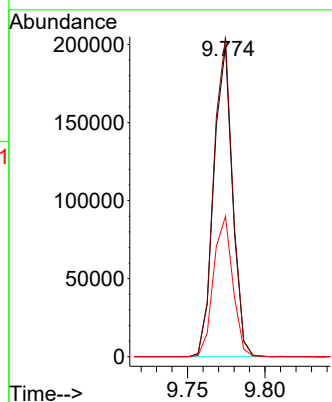
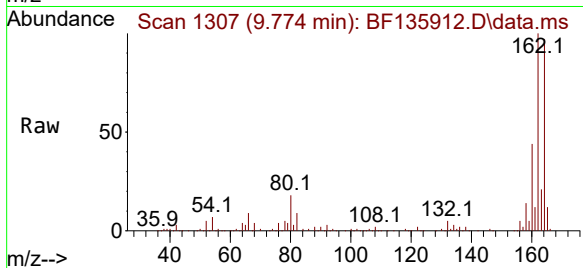
Tgt Ion:164 Resp: 166744

Ion Ratio Lower Upper

164 100

162 103.1 80.8 121.2

160 45.3 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.311 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.012 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

Tgt Ion:216 Resp: 207741

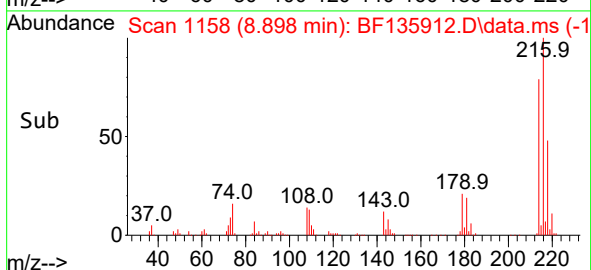
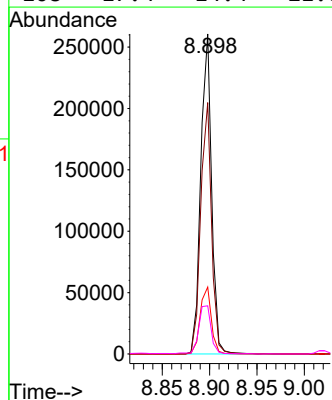
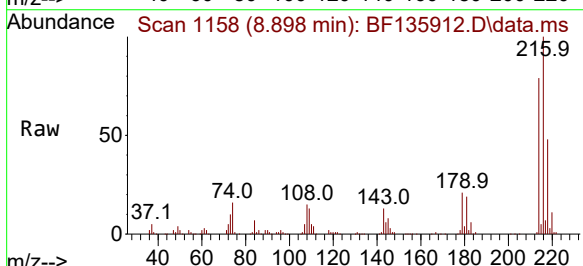
Ion Ratio Lower Upper

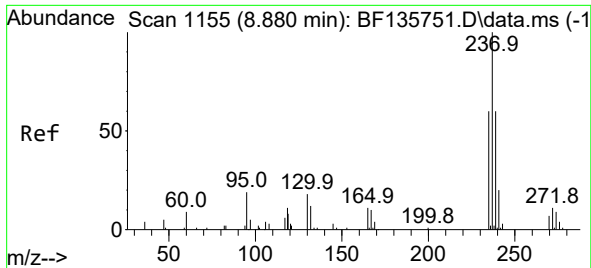
216 100

214 78.6 64.0 96.0

179 21.6 16.9 25.3

108 17.4 14.4 21.6

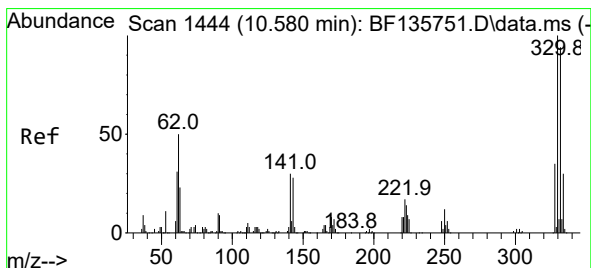
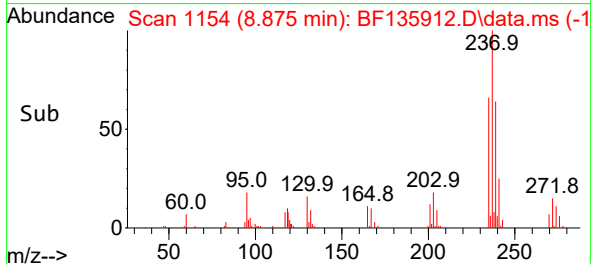
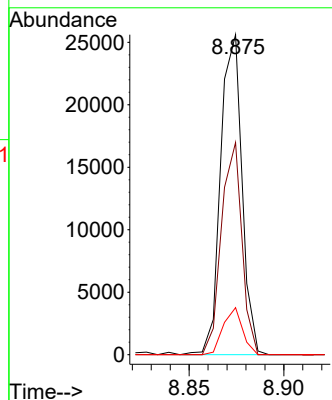
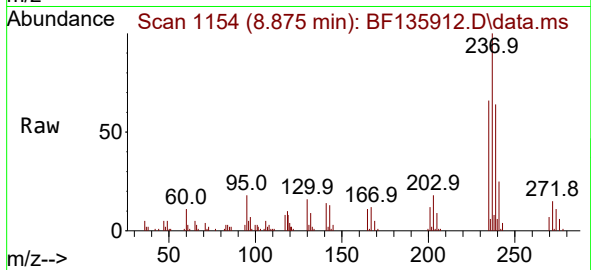




#41
Hexachlorocyclopentadiene
Concen: 39.009 ng
RT: 8.875 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

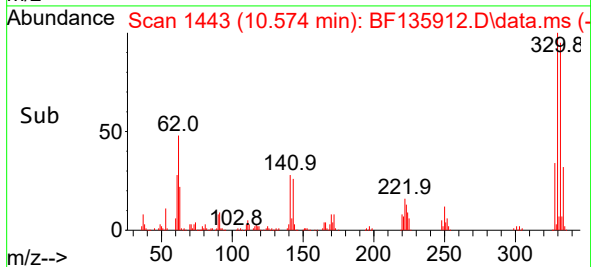
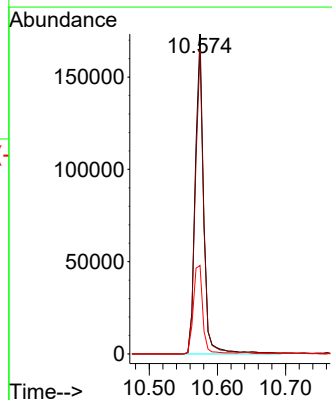
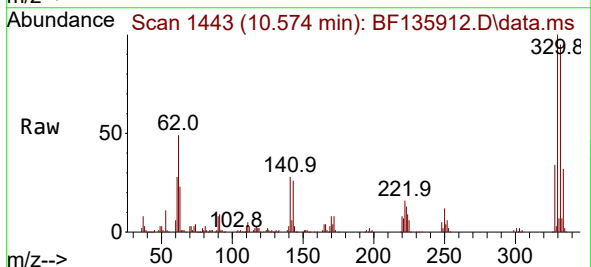
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

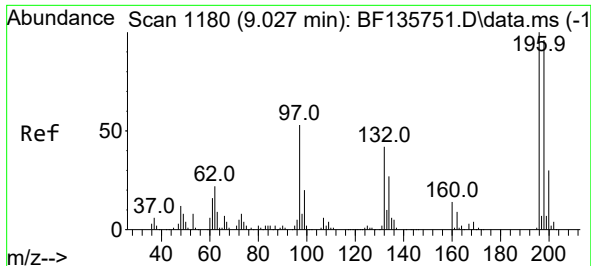
Tgt Ion:237 Resp: 20068
Ion Ratio Lower Upper
237 100
235 66.3 40.0 80.0
272 14.7 0.0 30.9



#42
2,4,6-Tribromophenol
Concen: 92.325 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion:330 Resp: 147724
Ion Ratio Lower Upper
330 100
332 93.8 75.0 112.4
141 31.3 25.8 38.6

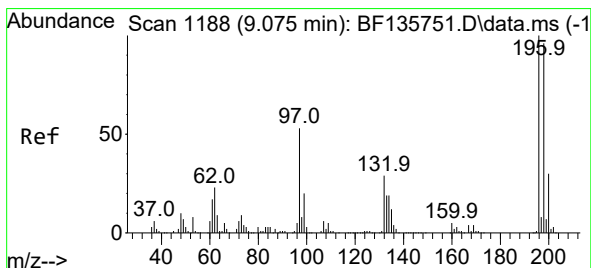
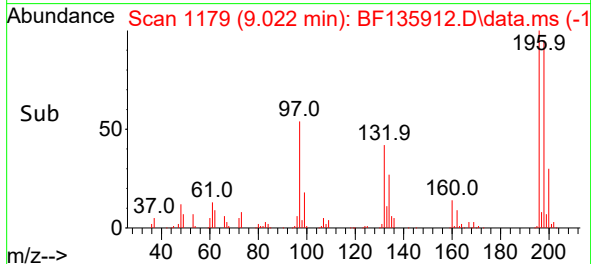
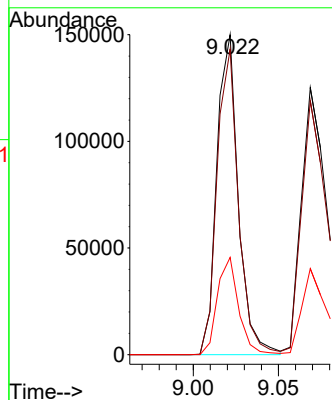
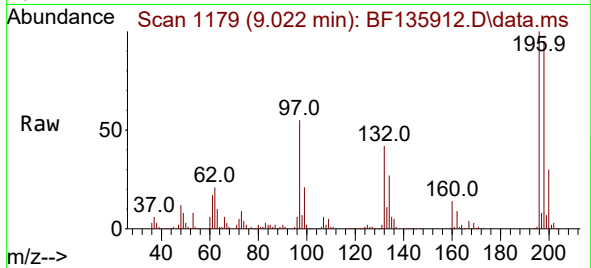




#43
2,4,6-Trichlorophenol
Concen: 42.555 ng
RT: 9.022 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

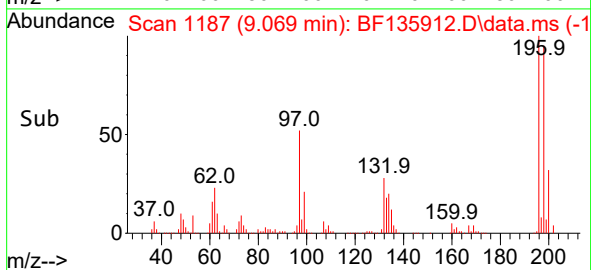
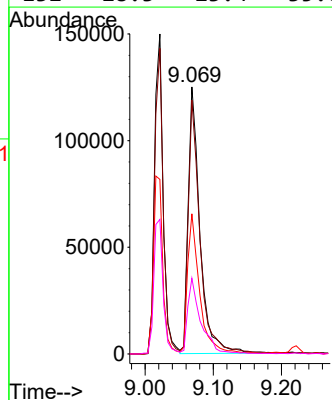
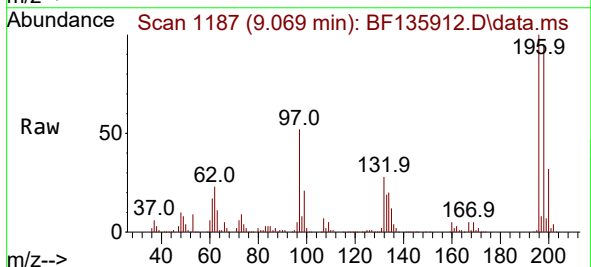
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

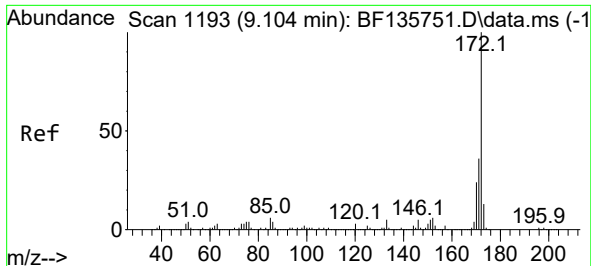
Tgt Ion:196 Resp: 131532
Ion Ratio Lower Upper
196 100
198 95.5 76.7 115.1
200 30.4 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 41.433 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.012 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion:196 Resp: 148950
Ion Ratio Lower Upper
196 100
198 95.1 77.0 115.6
97 52.5 42.2 63.2
132 28.3 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 84.903 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

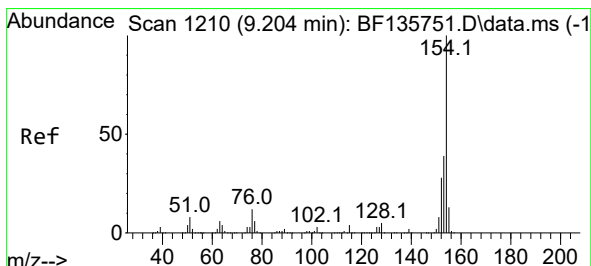
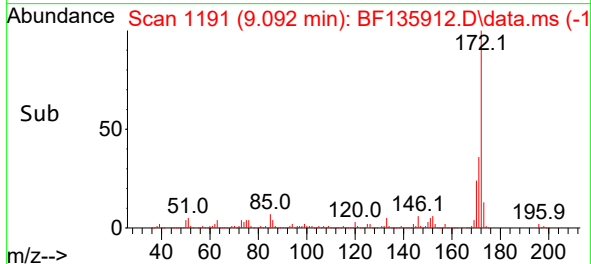
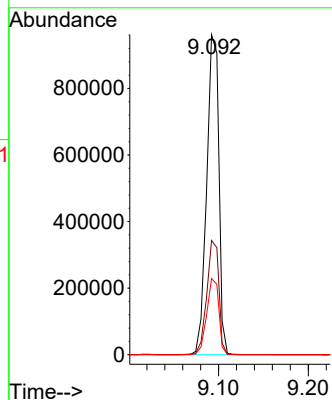
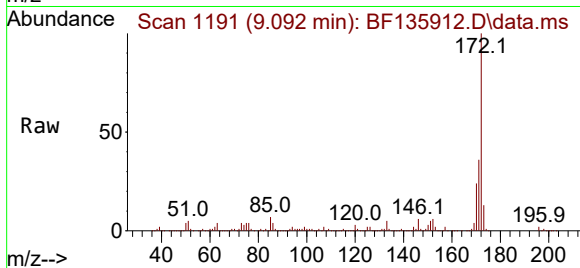
Tgt Ion:172 Resp: 905462

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.8 18.8 28.2



#46

1,1'-Biphenyl

Concen: 42.633 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

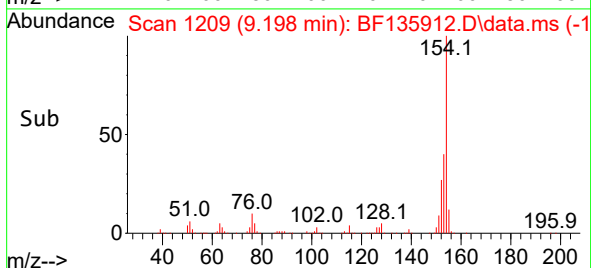
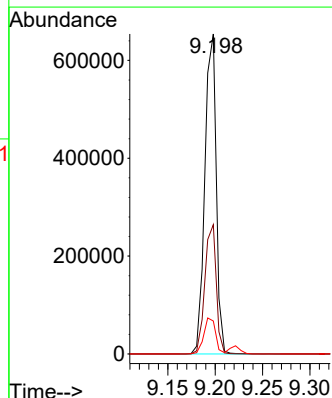
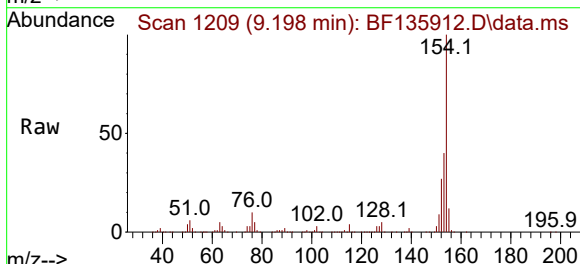
Tgt Ion:154 Resp: 544544

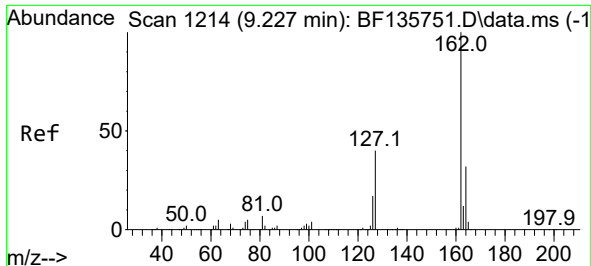
Ion Ratio Lower Upper

154 100

153 40.4 19.4 59.4

76 10.3 0.0 31.7





#47

2-Chloronaphthalene

Concen: 42.232 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

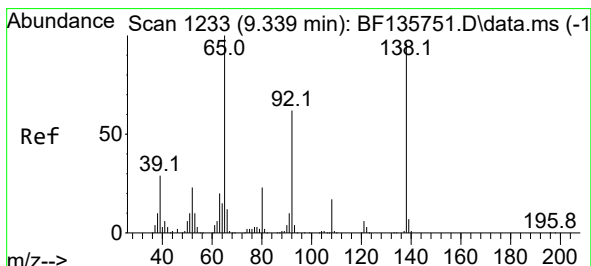
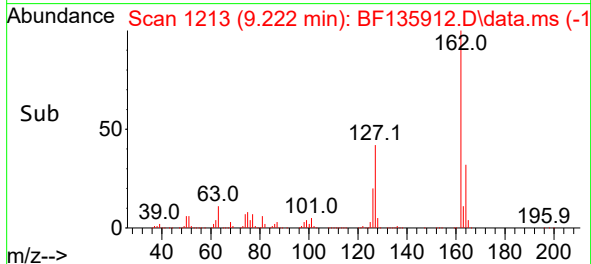
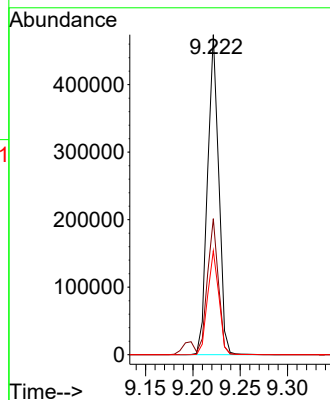
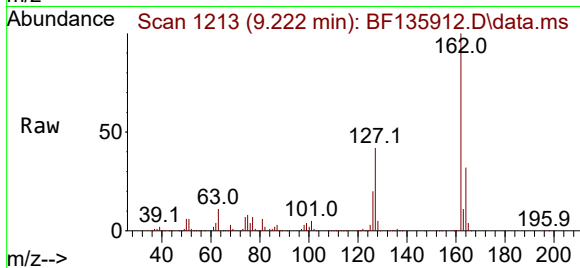
Tgt Ion:162 Resp: 388765

Ion Ratio Lower Upper

162 100

127 42.5 34.7 52.1

164 32.5 25.6 38.4



#48

2-Nitroaniline

Concen: 42.697 ng

RT: 9.333 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

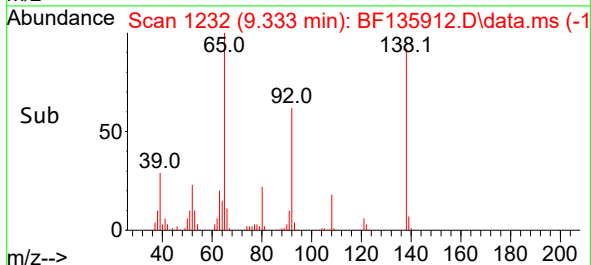
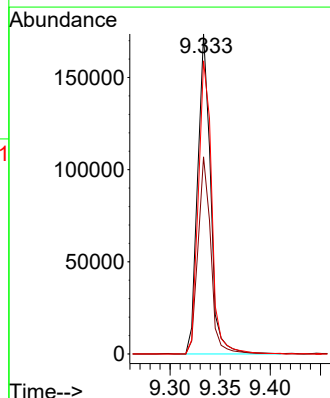
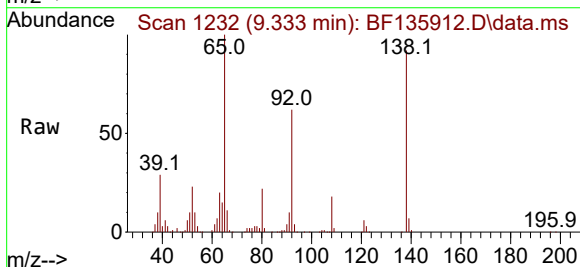
Tgt Ion: 65 Resp: 155142

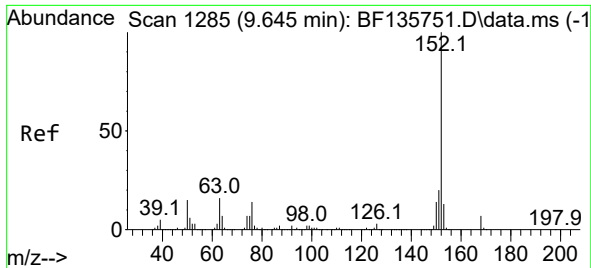
Ion Ratio Lower Upper

65 100

92 61.6 49.4 74.0

138 91.6 76.6 114.8

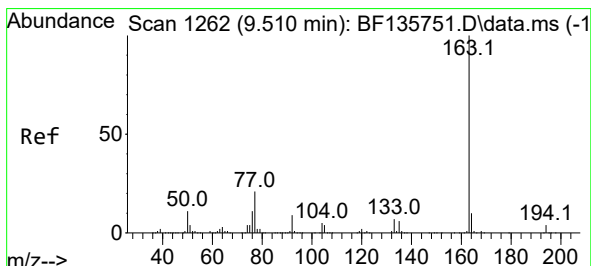
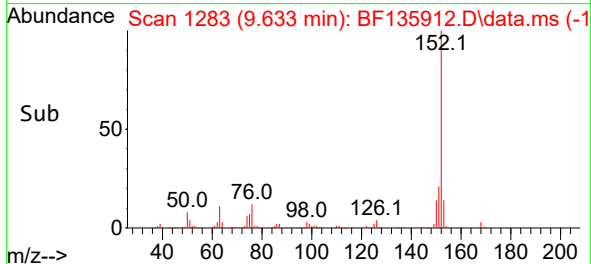
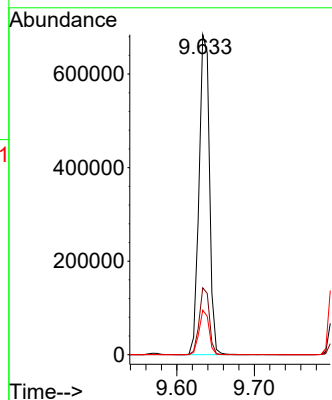
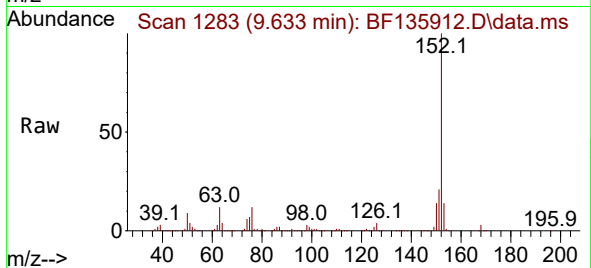




#49
Acenaphthylene
Concen: 41.831 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.012 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

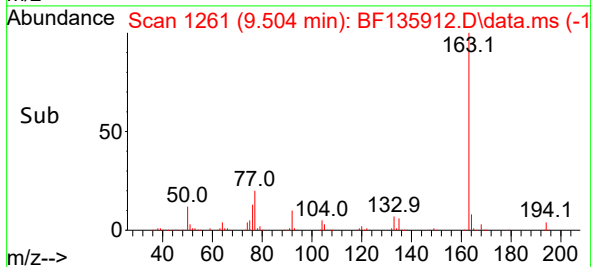
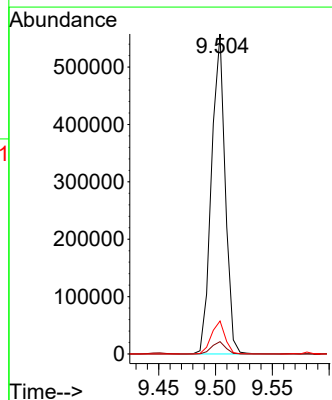
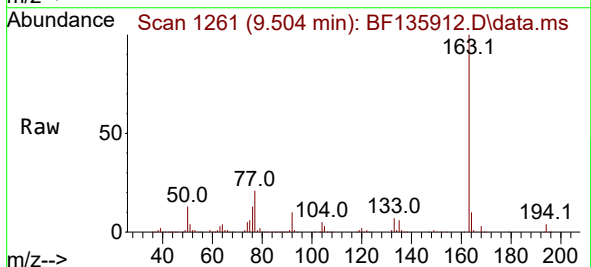
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

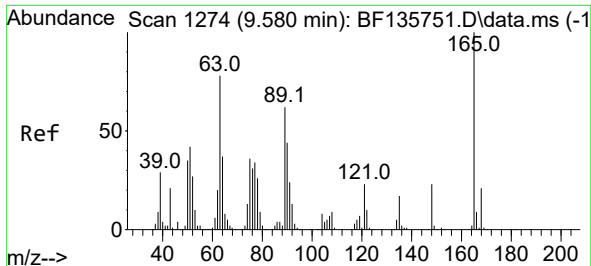
Tgt Ion:152 Resp: 637242
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.2
153 13.9 10.2 15.4



#50
Dimethylphthalate
Concen: 41.465 ng
RT: 9.504 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion:163 Resp: 466746
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.3 7.9 11.9

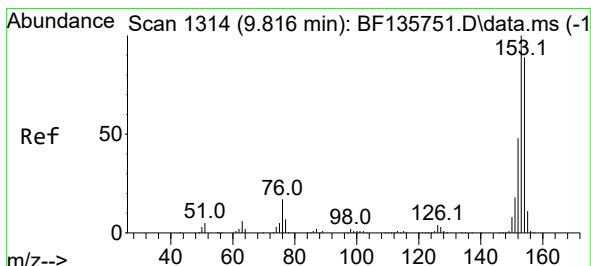
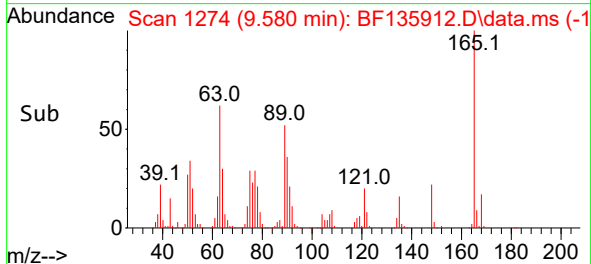
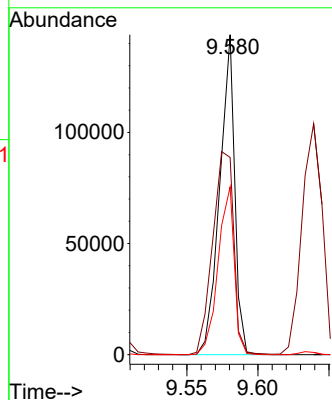
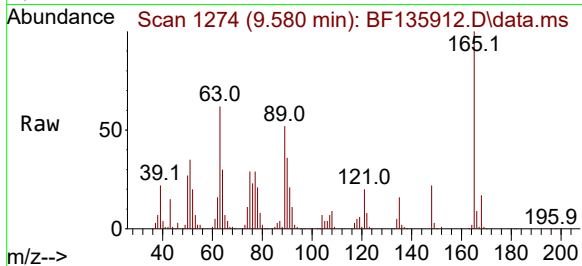




#51
2,6-Dinitrotoluene
Concen: 43.721 ng
RT: 9.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

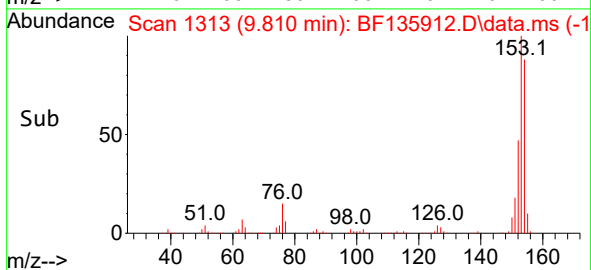
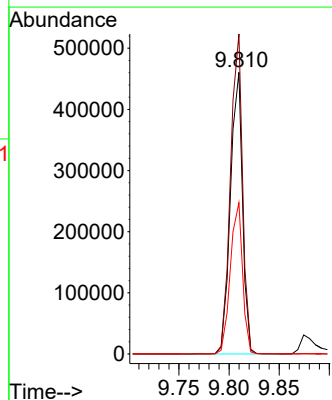
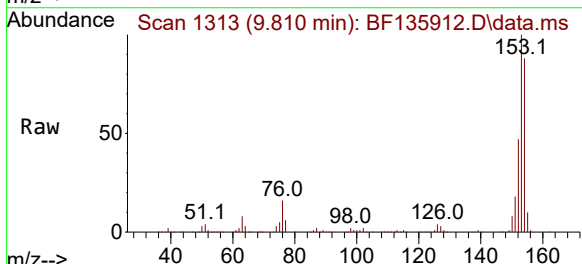
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

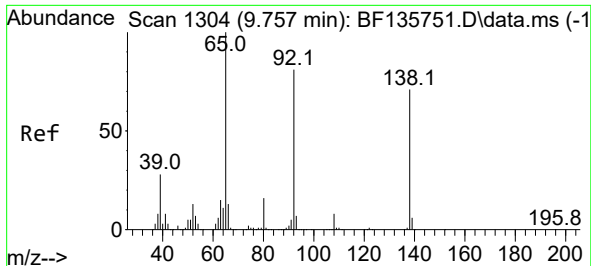
Tgt Ion:165 Resp: 105831
Ion Ratio Lower Upper
165 100
63 61.7 62.2 93.4#
89 52.4 49.6 74.4



#52
Acenaphthene
Concen: 42.222 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion:154 Resp: 385521
Ion Ratio Lower Upper
154 100
153 113.6 90.1 135.1
152 53.7 43.1 64.7

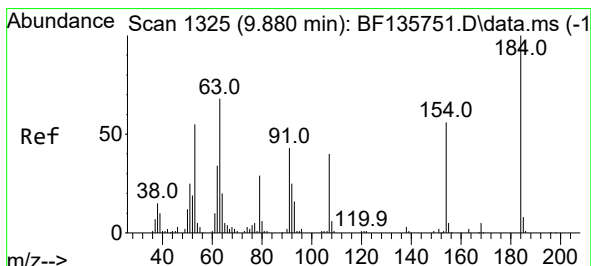
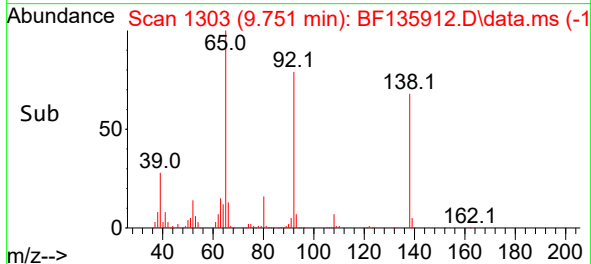
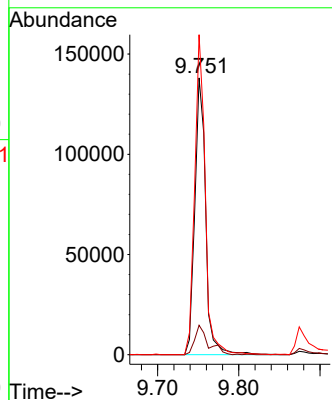
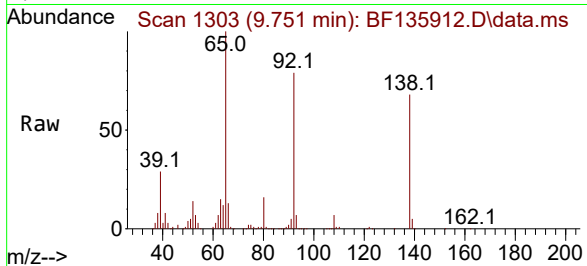




#53
3-Nitroaniline
Concen: 43.396 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

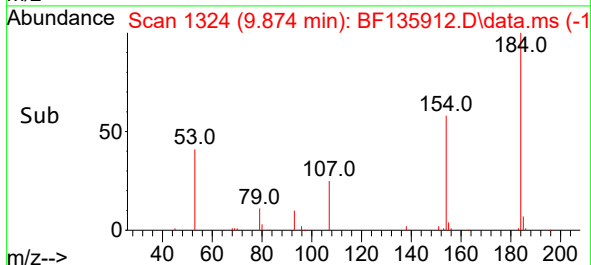
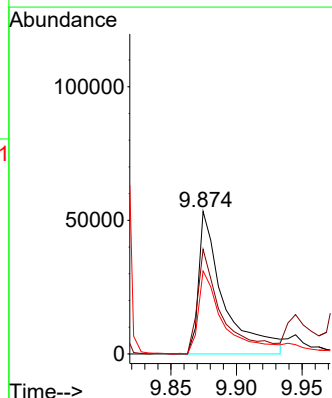
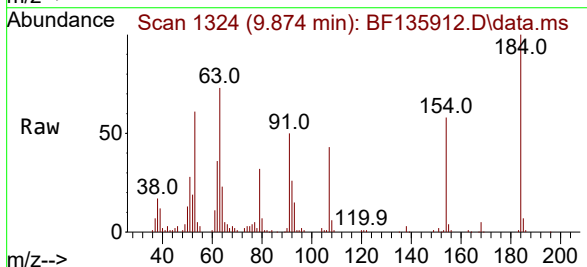
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

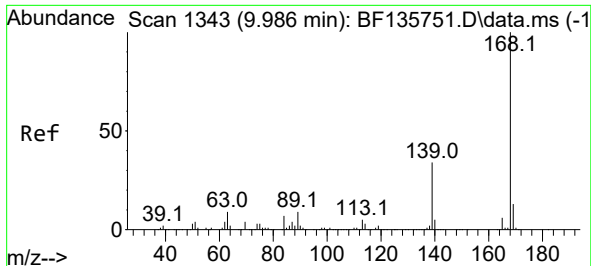
Tgt Ion:138 Resp: 128771
Ion Ratio Lower Upper
138 100
108 10.6 8.6 13.0
92 115.6 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 70.272 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion:184 Resp: 71005
Ion Ratio Lower Upper
184 100
63 73.5 54.6 81.8
154 58.3 45.0 67.4





#55

Dibenzenofuran

Concen: 43.114 ng

RT: 9.980 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

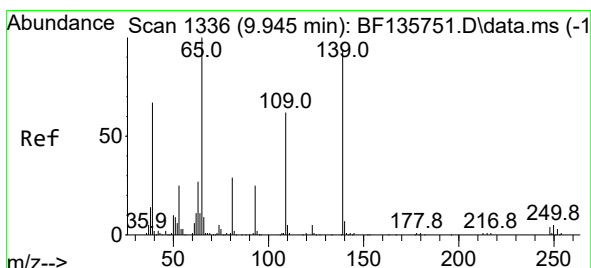
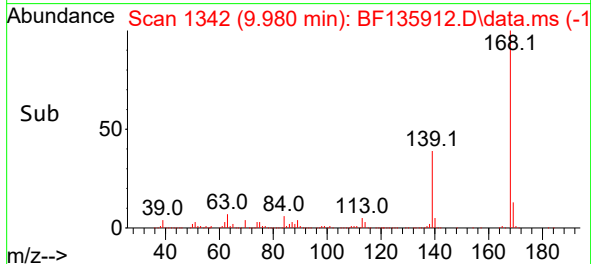
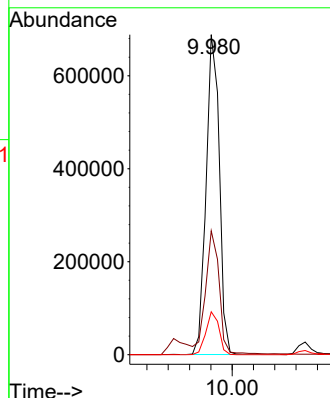
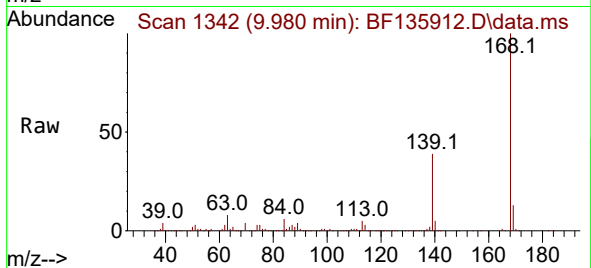
Tgt Ion:168 Resp: 593998

Ion Ratio Lower Upper

168 100

139 38.7 31.0 46.4

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 33.641 ng

RT: 9.945 min Scan# 1336

Delta R.T. -0.000 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

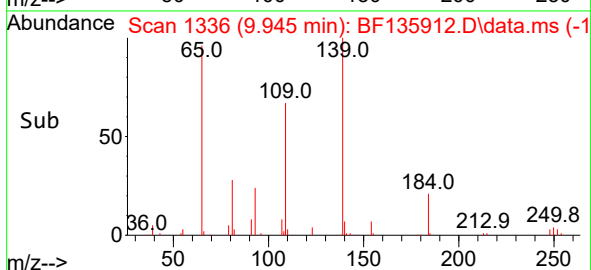
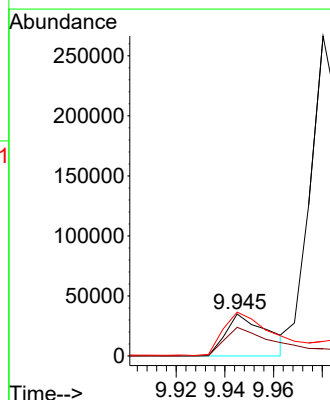
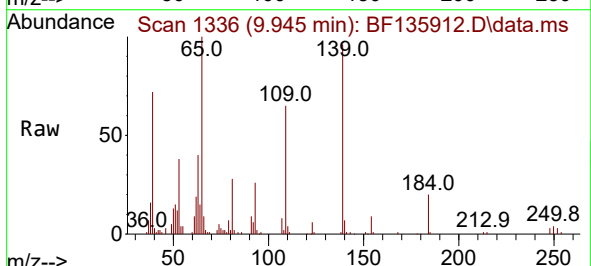
Tgt Ion:139 Resp: 41092

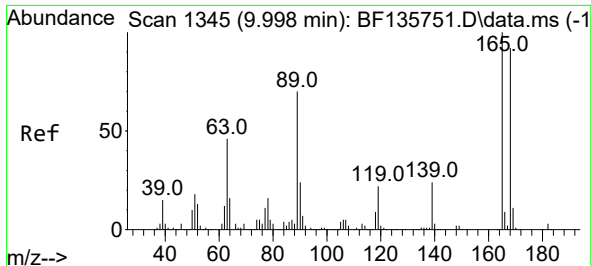
Ion Ratio Lower Upper

139 100

109 68.3 45.6 85.6

65 104.7 87.5 127.5





#57

2,4-Dinitrotoluene

Concen: 45.420 ng

RT: 9.992 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 139872

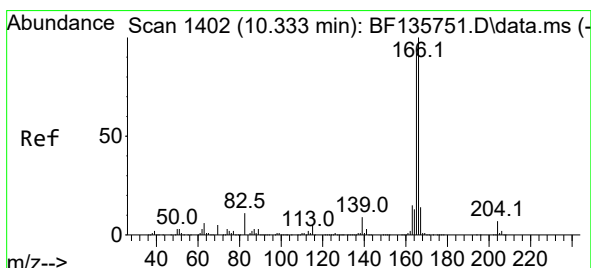
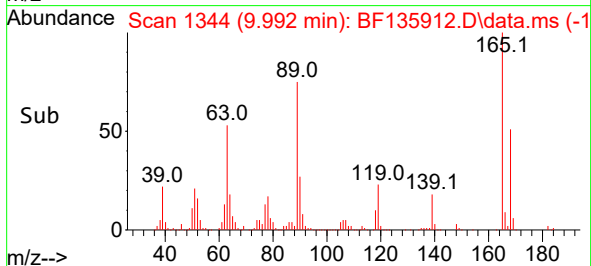
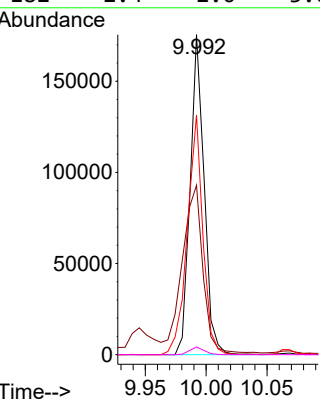
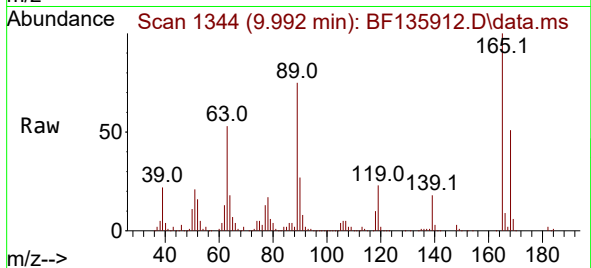
Ion Ratio Lower Upper

165 100

63 53.0 39.0 58.4

89 74.9 55.9 83.9

182 2.4 2.0 3.0



#58

Fluorene

Concen: 43.756 ng

RT: 10.327 min Scan# 1401

Delta R.T. -0.012 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

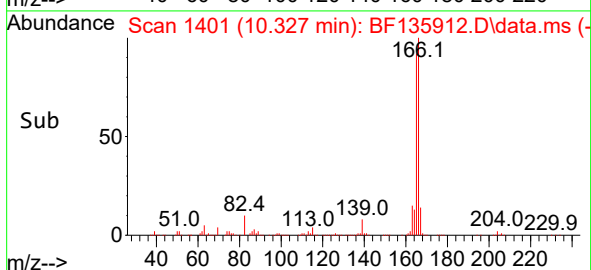
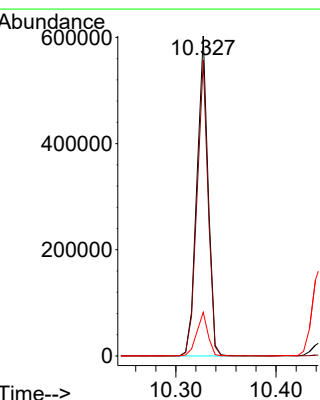
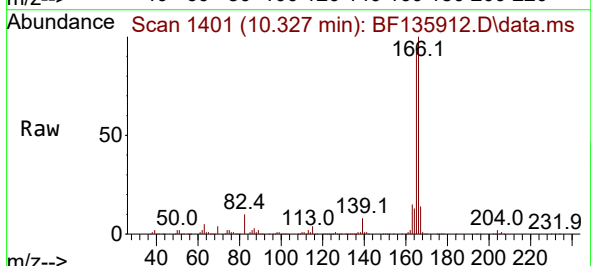
Tgt Ion:166 Resp: 471939

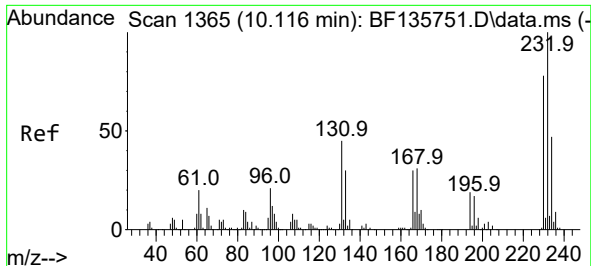
Ion Ratio Lower Upper

166 100

165 92.4 73.4 110.0

167 13.7 11.0 16.6

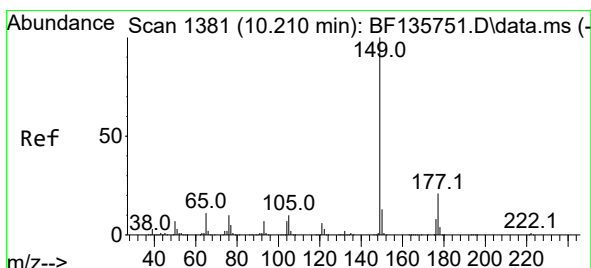
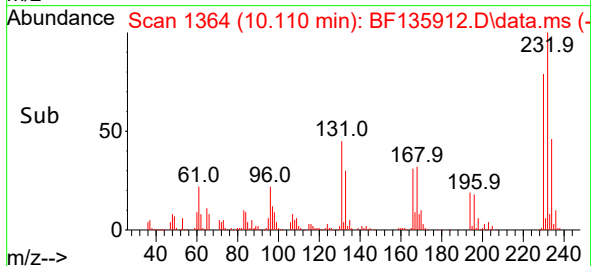
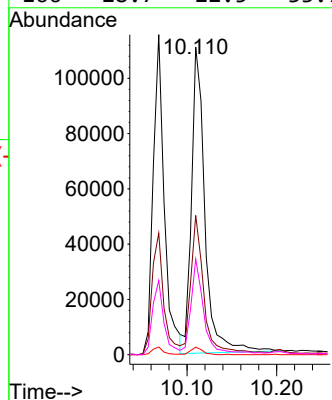
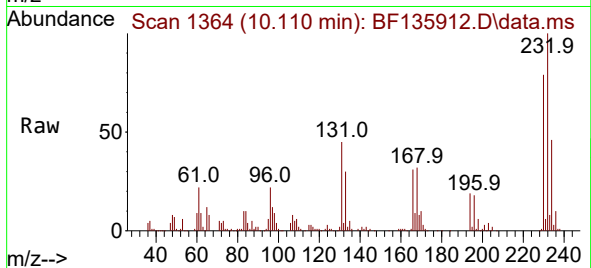




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.401 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

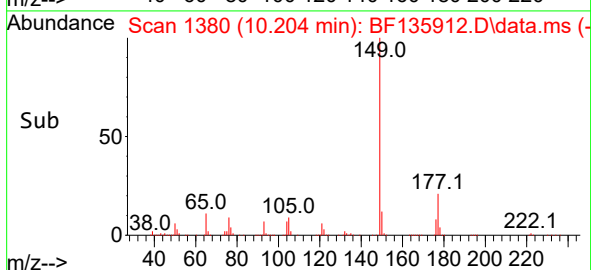
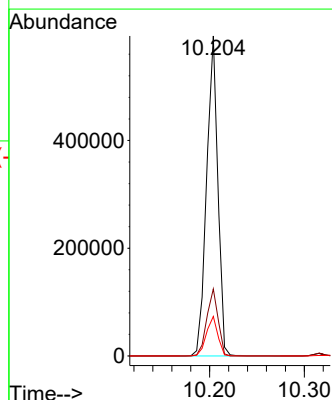
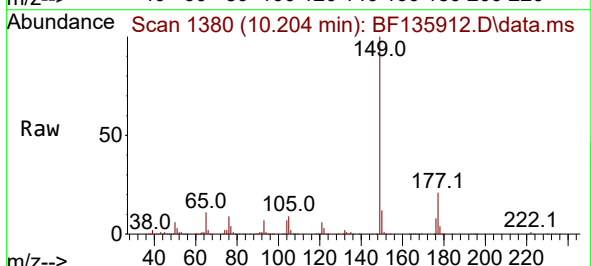
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

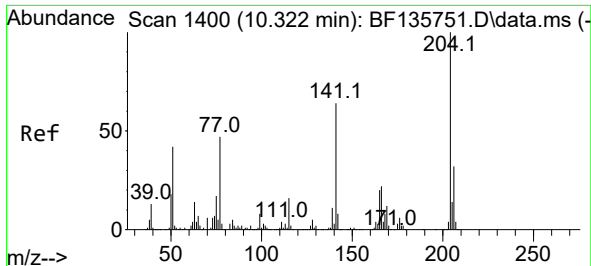
Tgt Ion:232 Resp: 115195
Ion Ratio Lower Upper
232 100
131 42.4 35.8 53.6
130 2.1 1.9 2.9
166 28.7 22.5 33.7



#60
Diethylphthalate
Concen: 42.453 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.012 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion:149 Resp: 487842
Ion Ratio Lower Upper
149 100
177 21.0 16.9 25.3
150 12.3 10.2 15.2

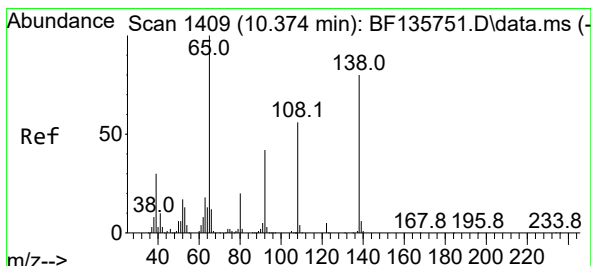
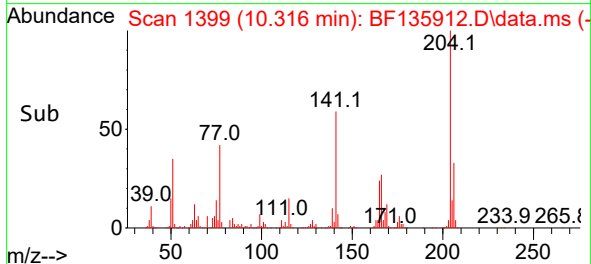
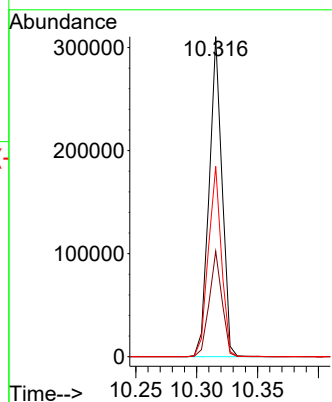
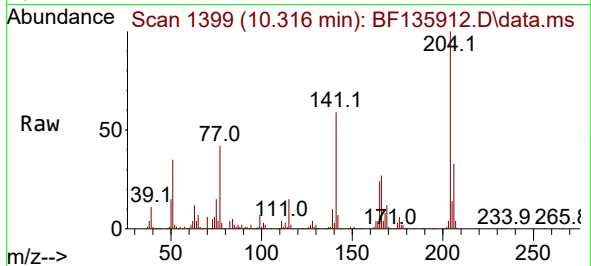




#61
4-Chlorophenyl-phenylether
Concen: 43.840 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

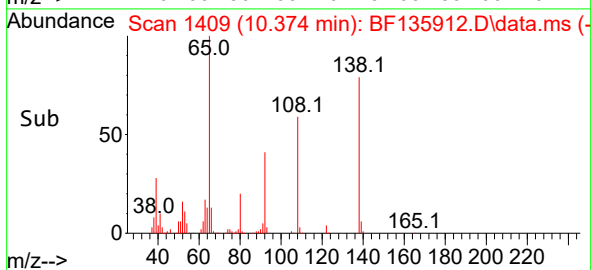
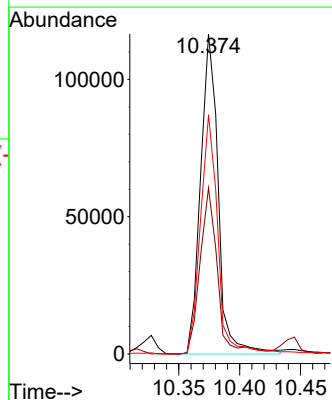
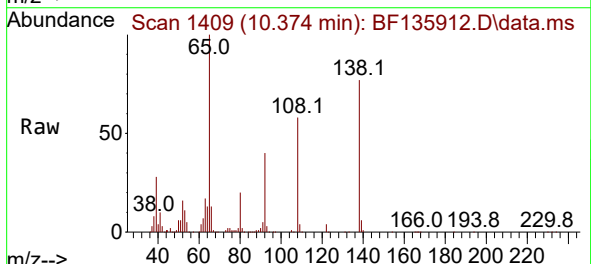
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

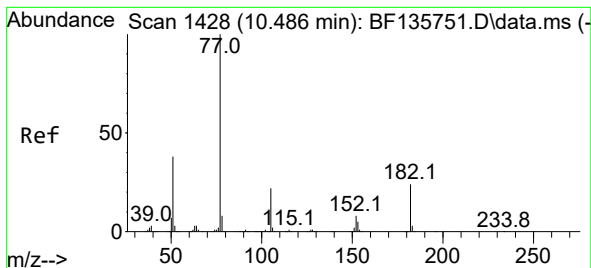
Tgt Ion:204 Resp: 228535
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 59.4 51.4 77.0



#62
4-Nitroaniline
Concen: 43.081 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion:138 Resp: 117618
Ion Ratio Lower Upper
138 100
92 51.9 31.9 71.9
108 74.7 49.7 89.7





#63

Azobenzene

Concen: 43.111 ng

RT: 10.480 min Scan# 1427

Delta R.T. -0.012 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 481322

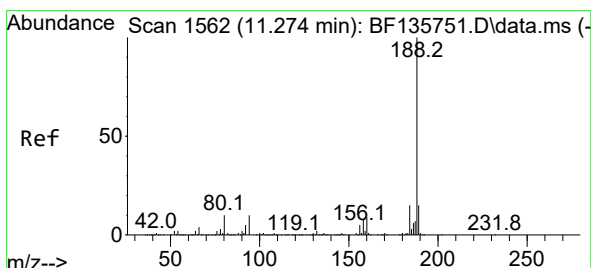
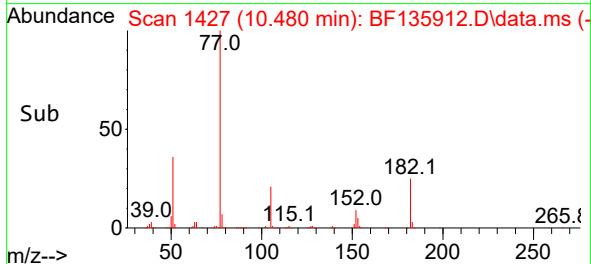
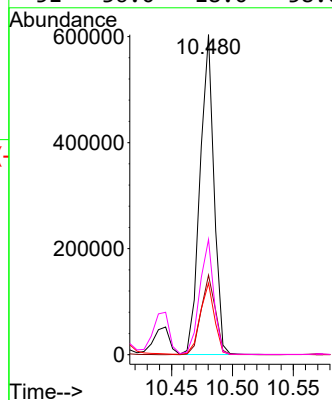
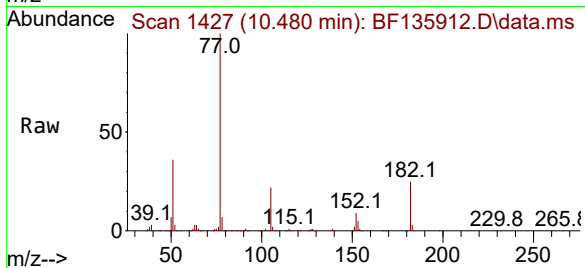
Ion Ratio Lower Upper

77 100

182 24.9 3.5 43.5

105 22.4 2.2 42.2

51 36.0 18.0 58.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.268 min Scan# 1561

Delta R.T. -0.012 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

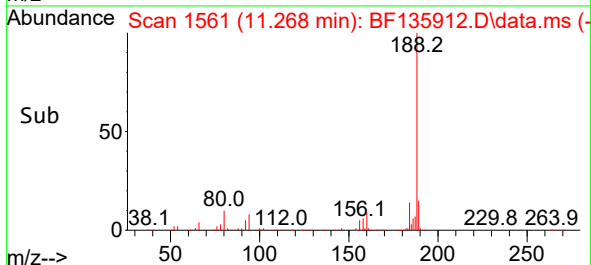
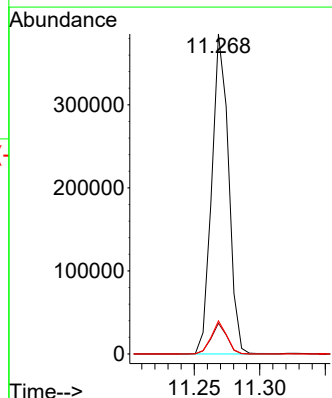
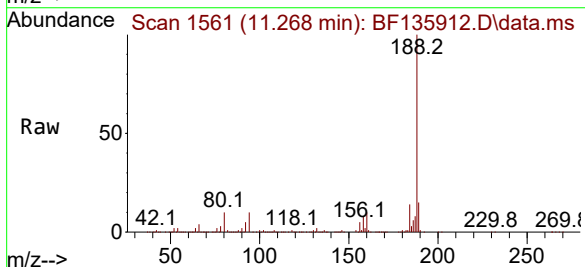
Tgt Ion: 188 Resp: 343013

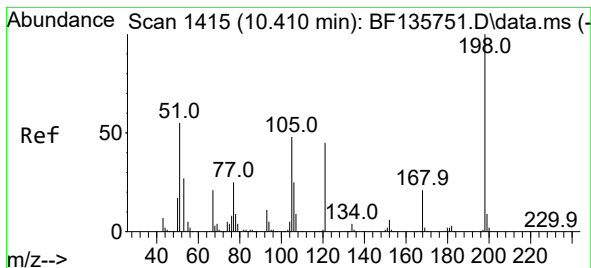
Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

80 10.4 8.3 12.5

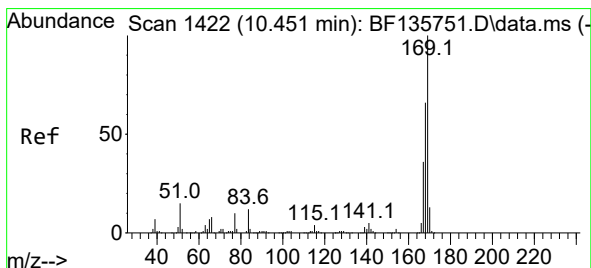
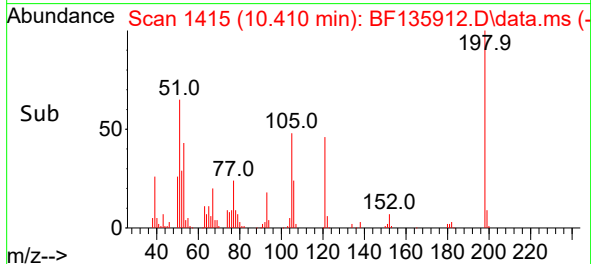
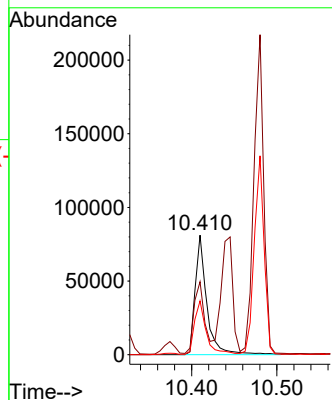
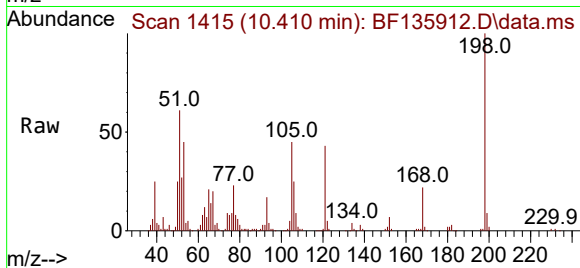




#65
4,6-Dinitro-2-methylphenol
Concen: 44.522 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

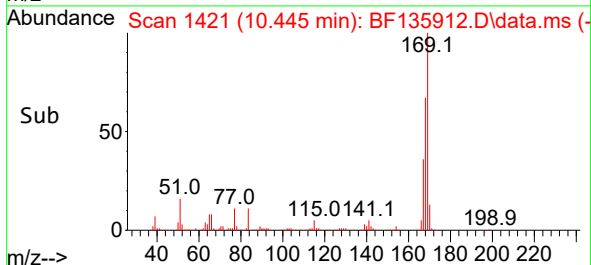
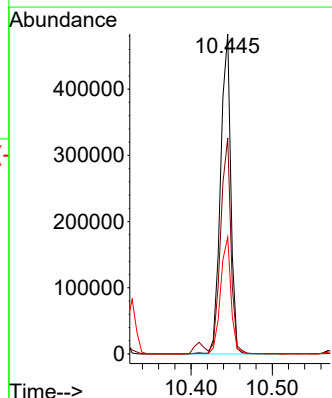
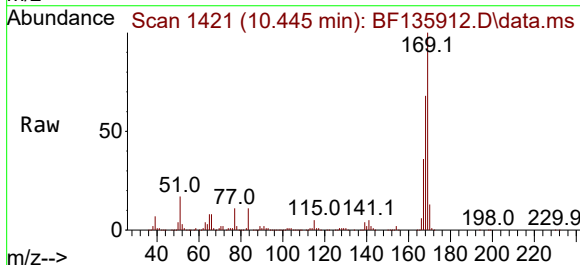
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

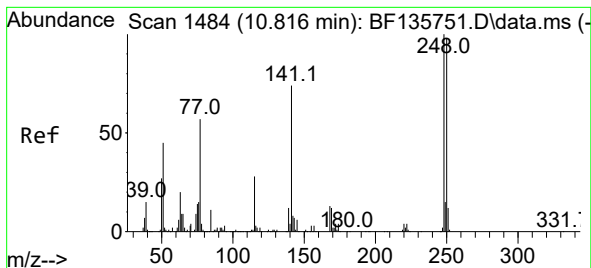
Tgt Ion:198 Resp: 76857
Ion Ratio Lower Upper
198 100
51 61.1 47.6 87.6
105 45.1 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 40.685 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion:169 Resp: 425355
Ion Ratio Lower Upper
169 100
168 67.5 53.4 80.2
167 36.5 29.2 43.8

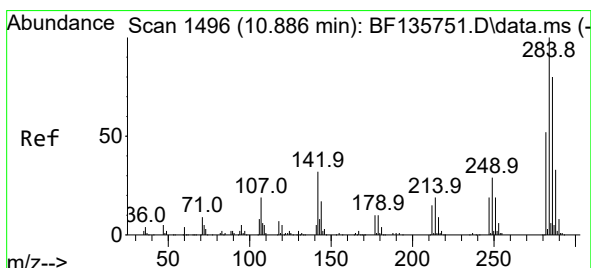
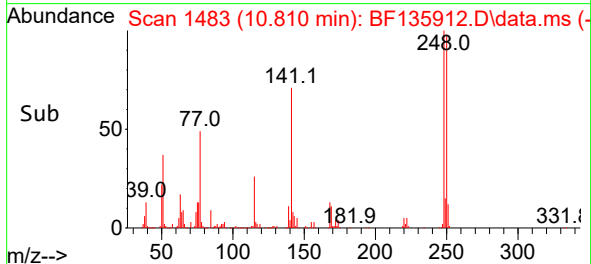
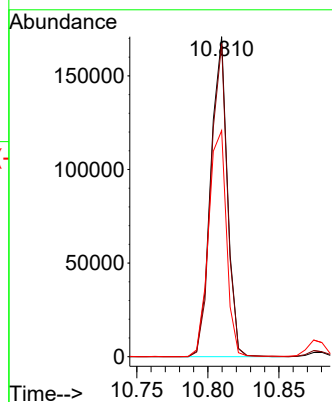
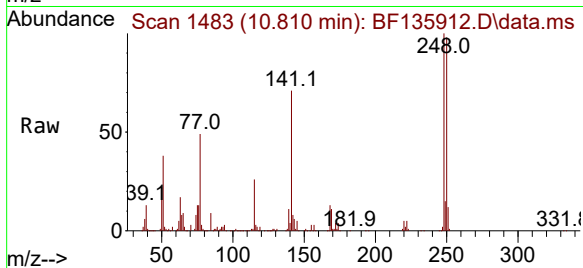




#67
4-Bromophenyl-phenylether
Concen: 40.443 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.012 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

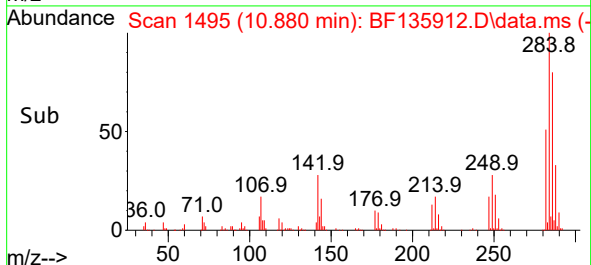
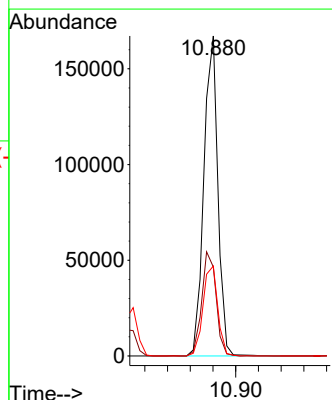
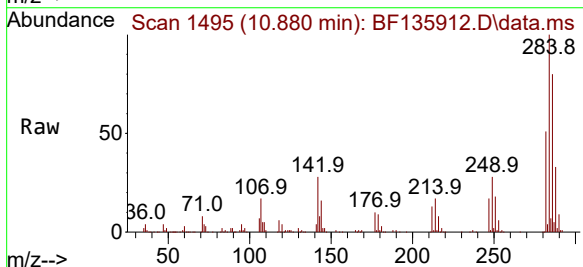
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

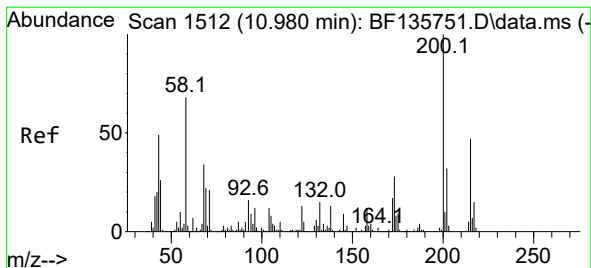
Tgt Ion:248 Resp: 139255
Ion Ratio Lower Upper
248 100
250 97.8 78.0 117.0
141 70.7 59.0 88.6



#68
Hexachlorobenzene
Concen: 40.757 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.012 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion:284 Resp: 142880
Ion Ratio Lower Upper
284 100
142 27.8 25.3 37.9
249 28.1 23.5 35.3





#69

Atrazine

Concen: 38.642 ng

RT: 10.974 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

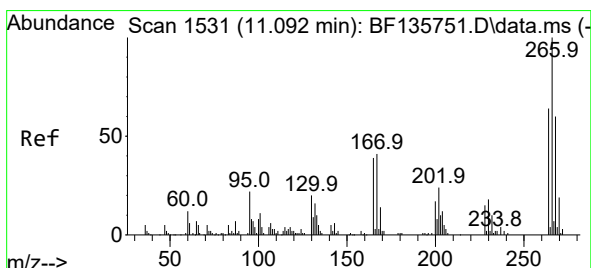
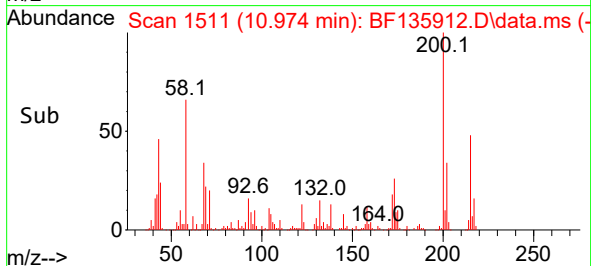
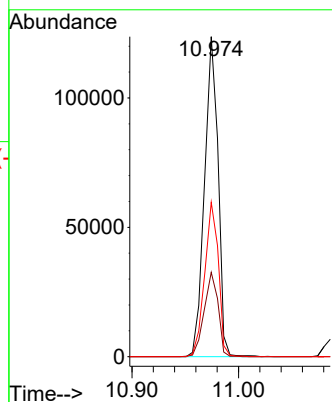
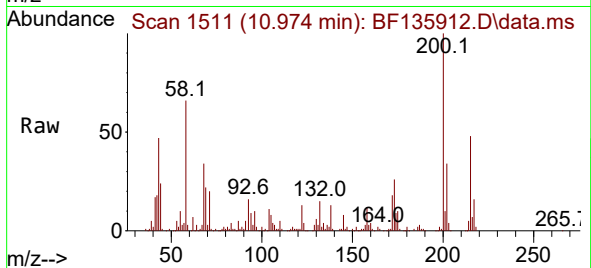
Tgt Ion:200 Resp: 109887

Ion Ratio Lower Upper

200 100

173 26.4 7.6 47.6

215 48.3 27.1 67.1



#70

Pentachlorophenol

Concen: 38.388 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

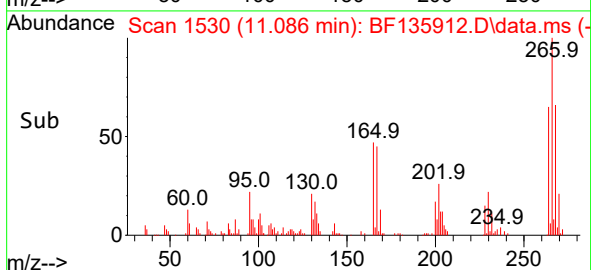
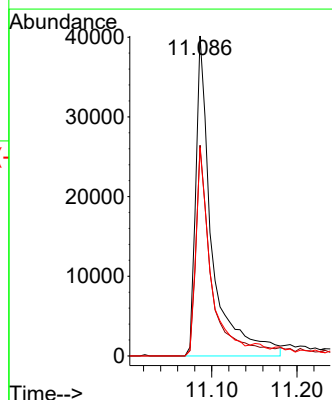
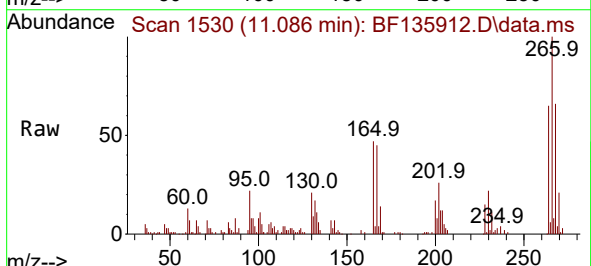
Tgt Ion:266 Resp: 53076

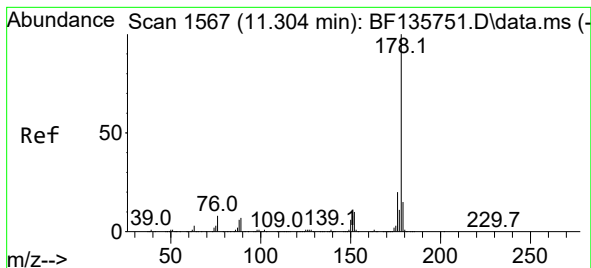
Ion Ratio Lower Upper

266 100

268 65.8 47.7 71.5

264 65.1 51.4 77.2





#71

Phenanthrene

Concen: 41.204 ng

RT: 11.298 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

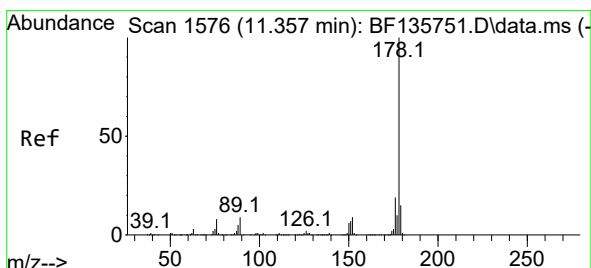
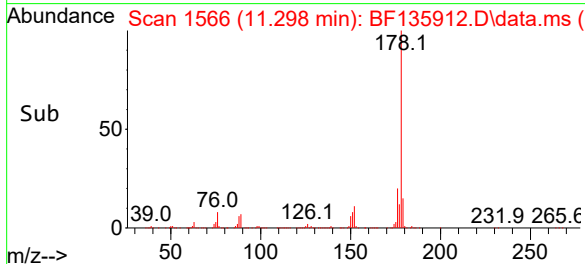
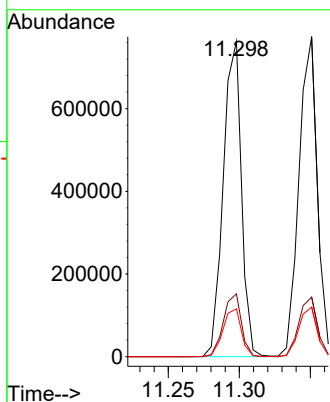
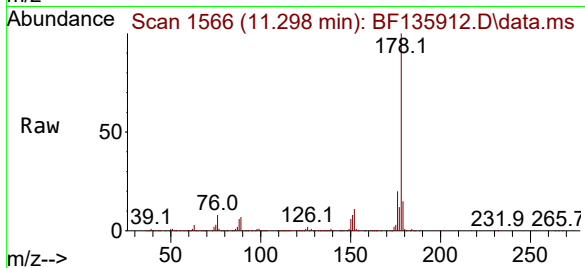
Tgt Ion:178 Resp: 677054

Ion Ratio Lower Upper

178 100

176 19.9 16.0 24.0

179 15.2 12.2 18.4



#72

Anthracene

Concen: 40.904 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.006 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

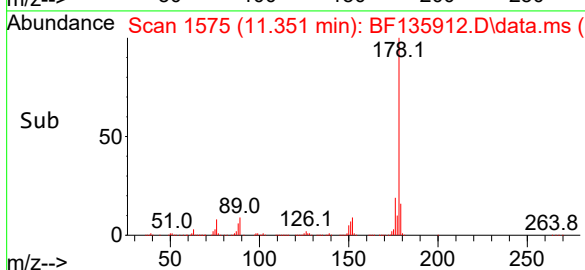
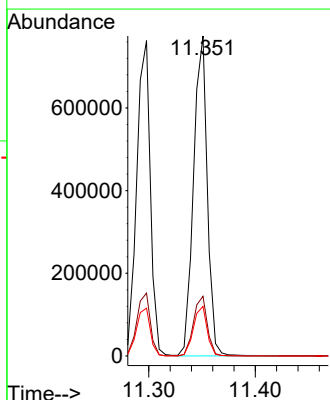
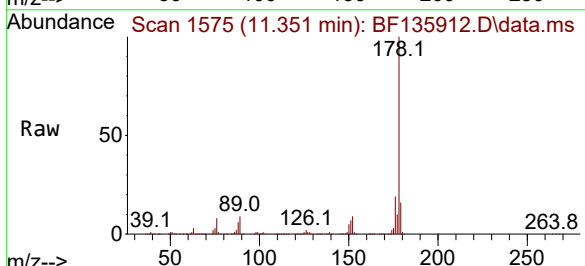
Tgt Ion:178 Resp: 696479

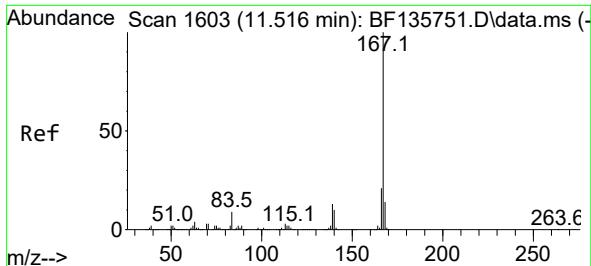
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.5 12.3 18.5

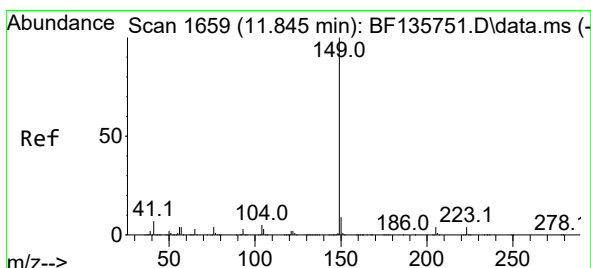
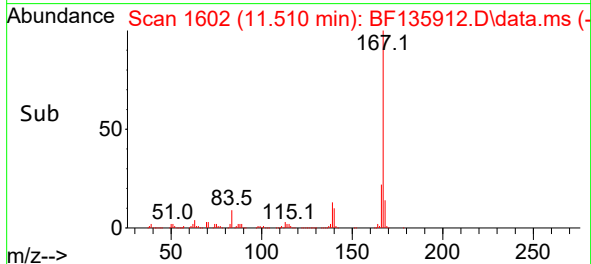
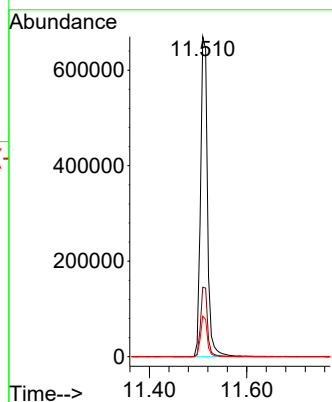
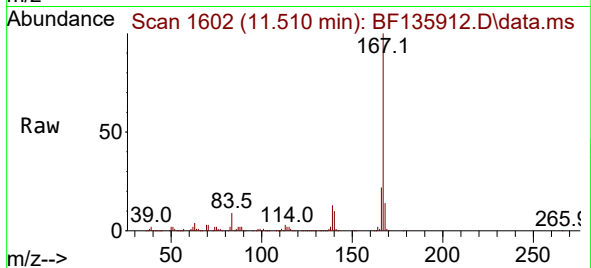




#73
Carbazole
Concen: 42.310 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

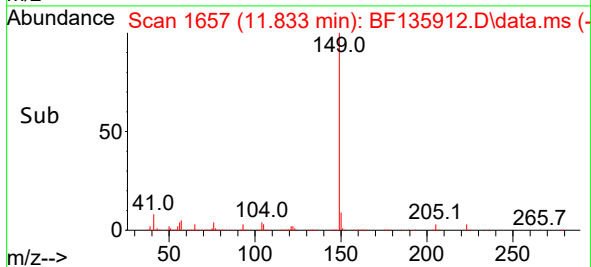
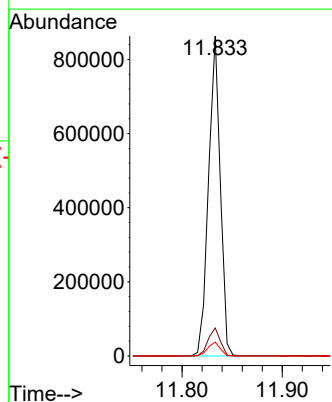
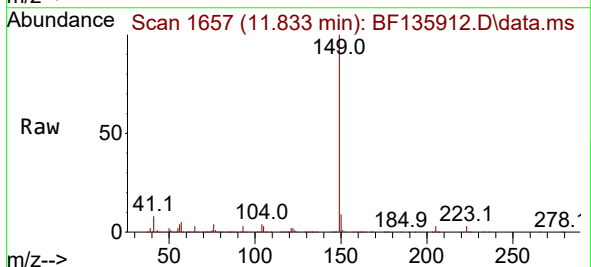
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

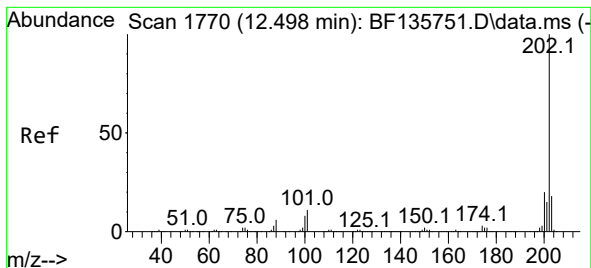
Tgt Ion:167 Resp: 671891
Ion Ratio Lower Upper
167 100
166 21.7 17.1 25.7
139 12.7 10.2 15.4



#74
Di-n-butylphthalate
Concen: 36.175 ng
RT: 11.833 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion:149 Resp: 705323
Ion Ratio Lower Upper
149 100
150 8.7 7.4 11.2
104 4.4 3.7 5.5





#75

Fluoranthene

Concen: 34.197 ng

RT: 12.492 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

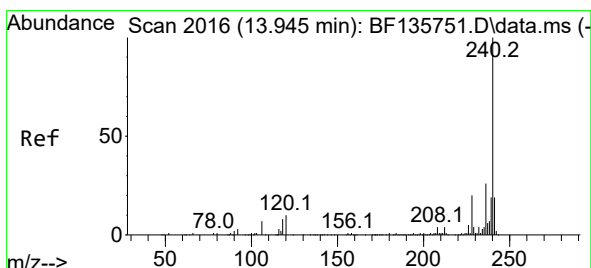
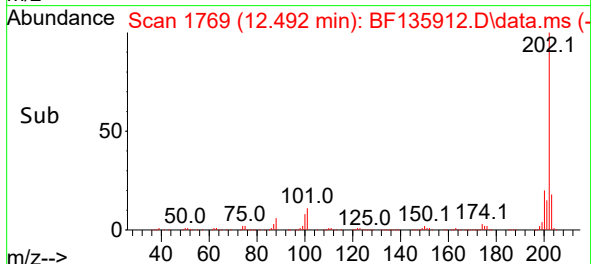
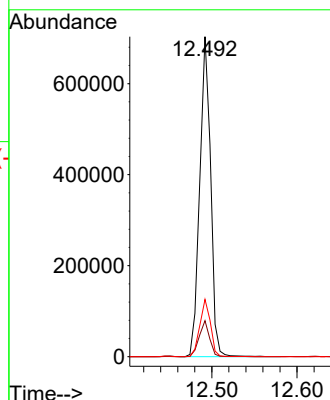
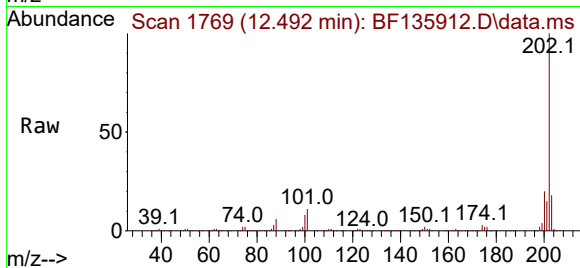
Tgt Ion:202 Resp: 623665

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.5

203 17.9 0.0 38.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.018 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

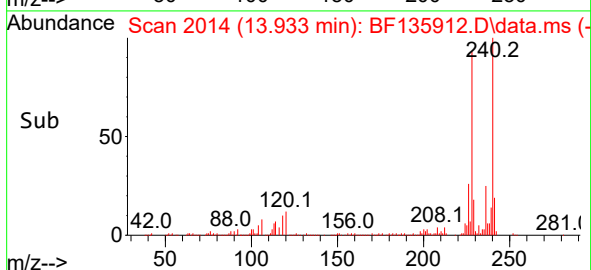
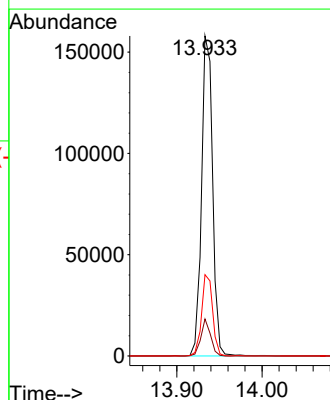
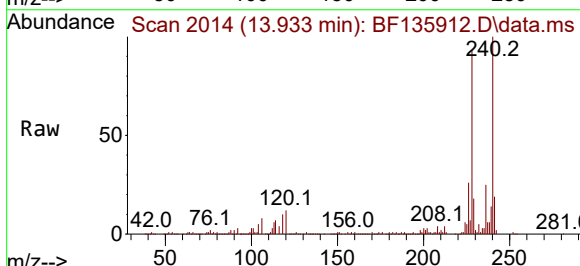
Tgt Ion:240 Resp: 142734

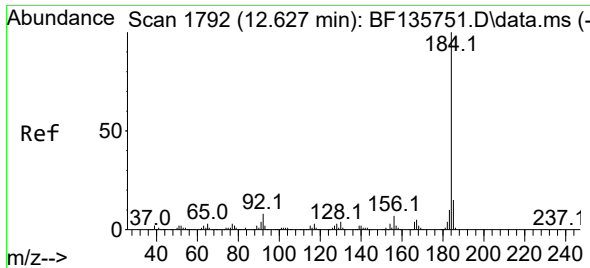
Ion Ratio Lower Upper

240 100

120 11.5 8.2 12.2

236 25.4 21.2 31.8

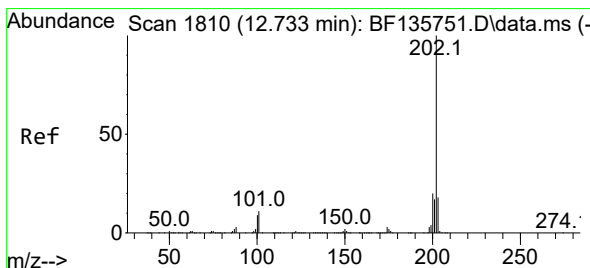
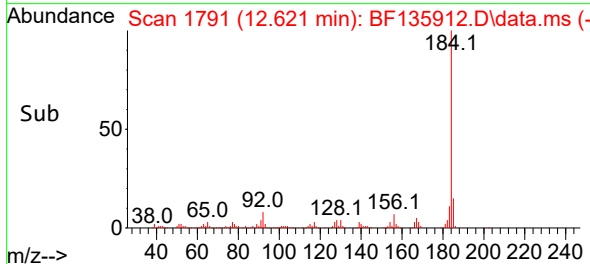
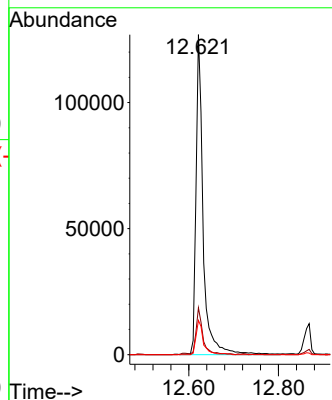
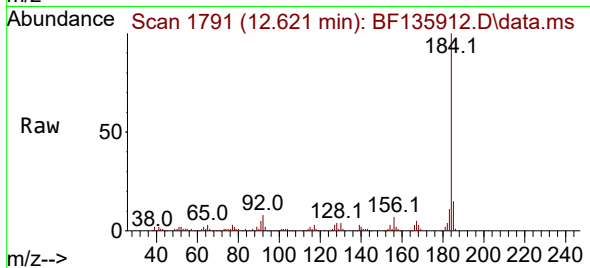




#77
Benzidine
Concen: 44.762 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

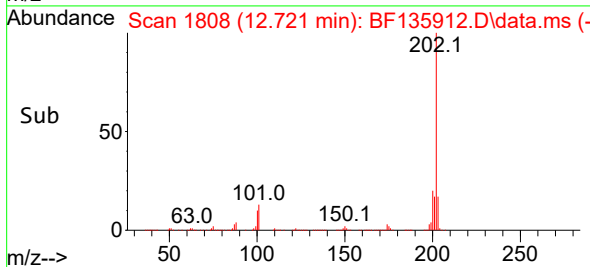
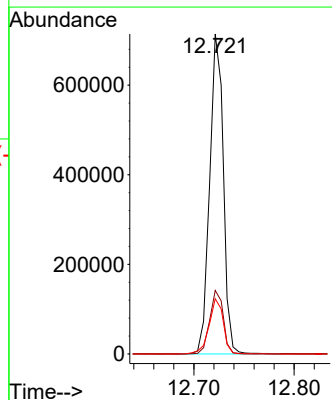
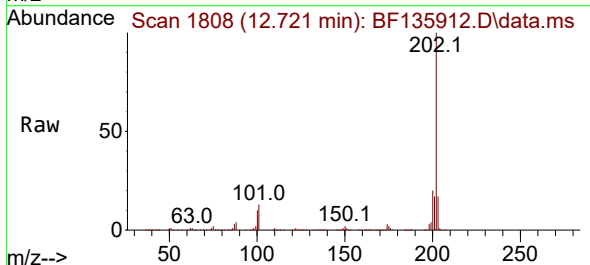
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

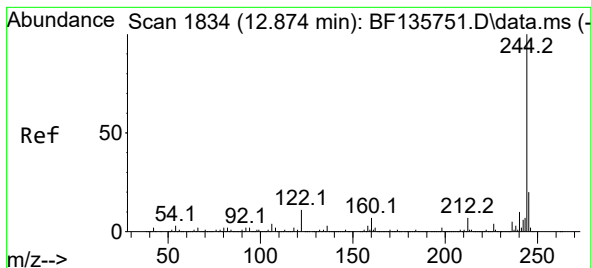
Tgt Ion:184 Resp: 139415
Ion Ratio Lower Upper
184 100
185 14.7 12.0 18.0
183 10.7 8.2 12.2



#78
Pyrene
Concen: 59.786 ng
RT: 12.721 min Scan# 1808
Delta R.T. -0.012 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion:202 Resp: 678112
Ion Ratio Lower Upper
202 100
200 19.8 16.1 24.1
203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 112.327 ng

RT: 12.868 min Scan# 1833

Delta R.T. -0.012 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

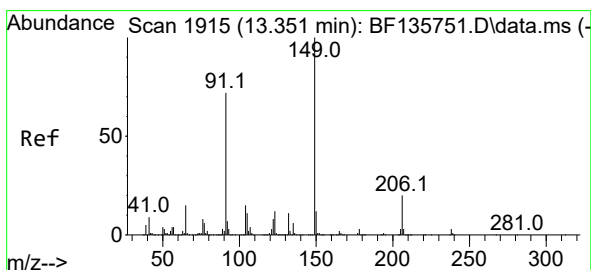
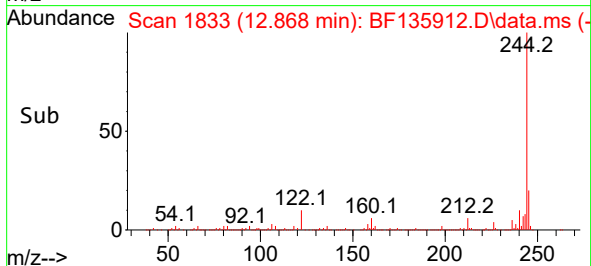
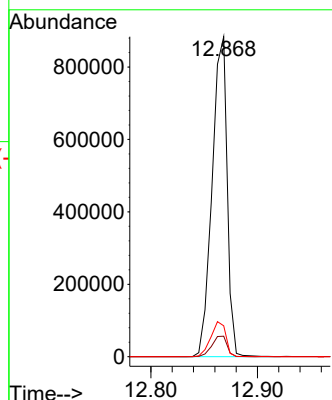
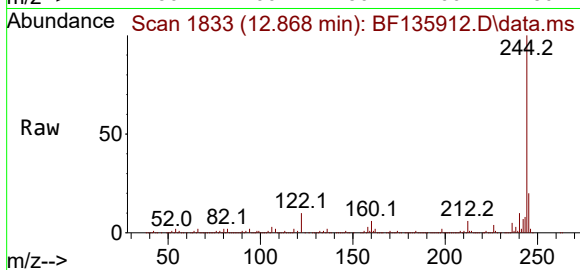
Tgt Ion:244 Resp: 865745

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

122 9.7 9.0 13.6



#80

Butylbenzylphthalate

Concen: 52.032 ng

RT: 13.339 min Scan# 1913

Delta R.T. -0.018 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

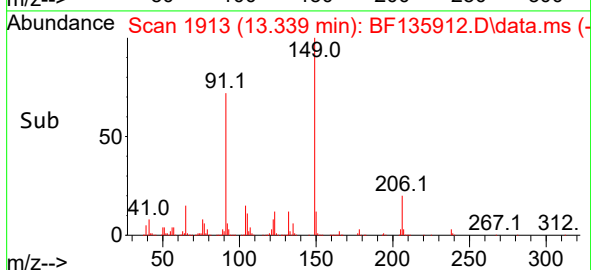
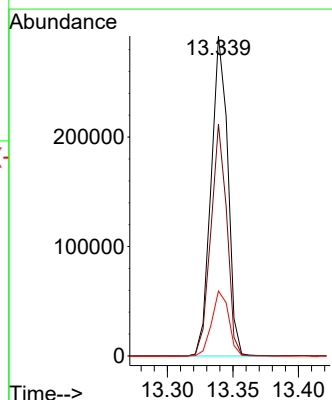
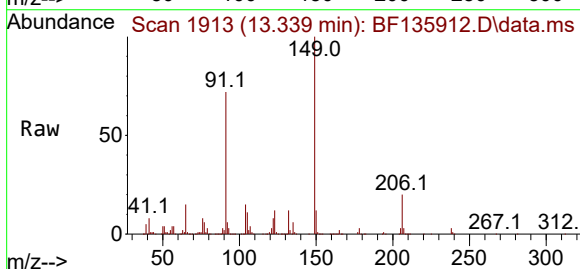
Tgt Ion:149 Resp: 259343

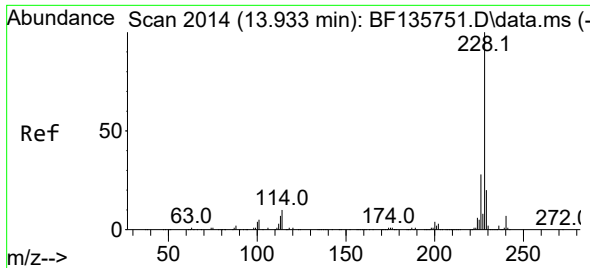
Ion Ratio Lower Upper

149 100

91 72.5 57.4 86.0

206 20.3 16.2 24.4

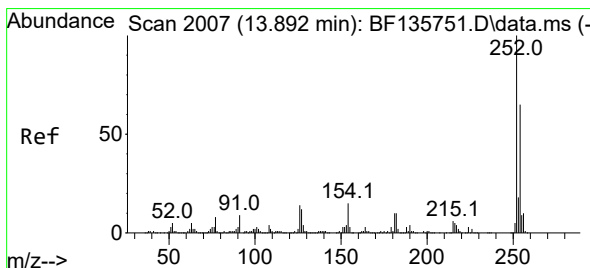
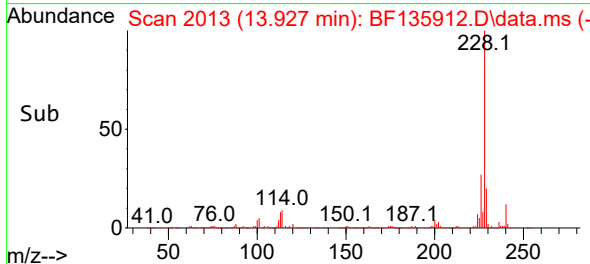
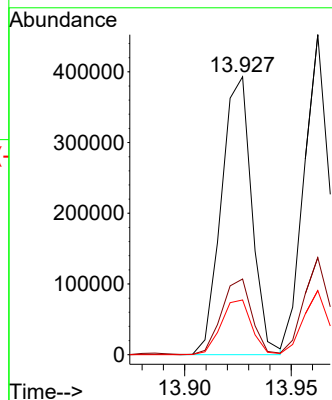
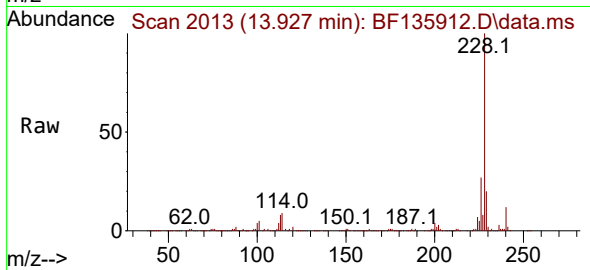




#81
Benzo(a)anthracene
Concen: 41.748 ng
RT: 13.927 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

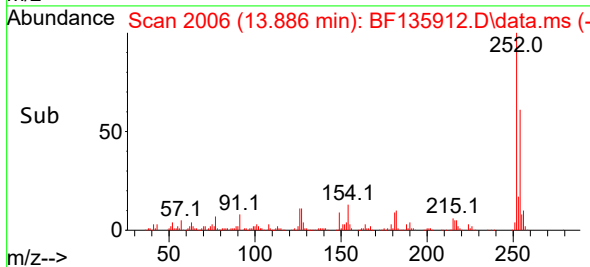
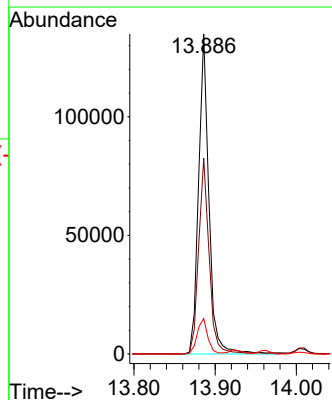
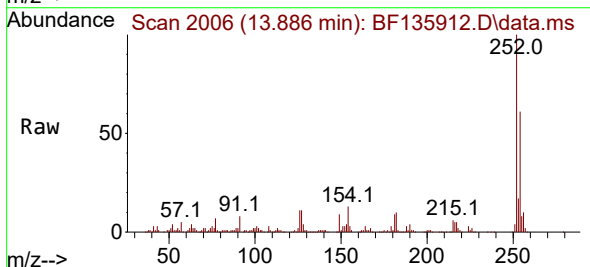
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

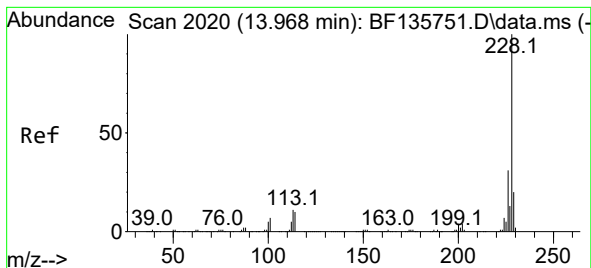
Tgt Ion:228 Resp: 391403
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.2
229 19.7 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 38.624 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF135912.D
Acq: 20 Oct 2023 17:23

Tgt Ion:252 Resp: 120095
Ion Ratio Lower Upper
252 100
254 61.1 51.8 77.6
126 11.1 11.0 16.4





#83

Chrysene

Concen: 42.001 ng

RT: 13.962 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

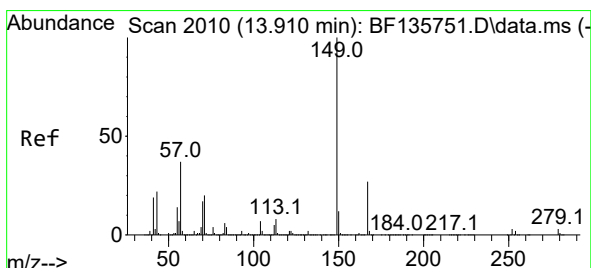
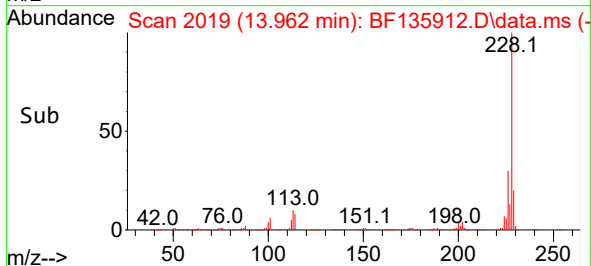
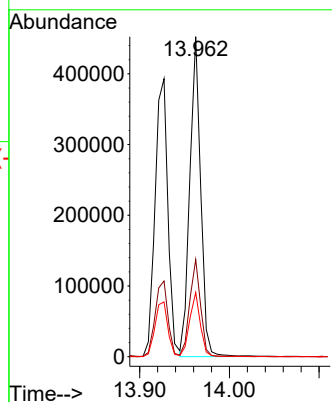
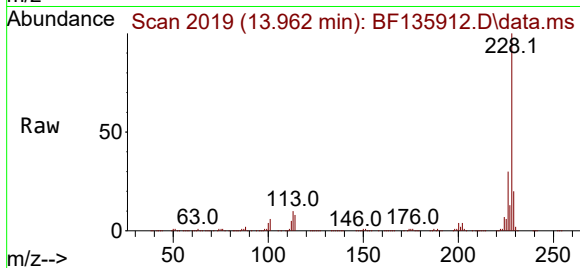
Tgt Ion:228 Resp: 381401

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 20.1 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.747 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.018 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

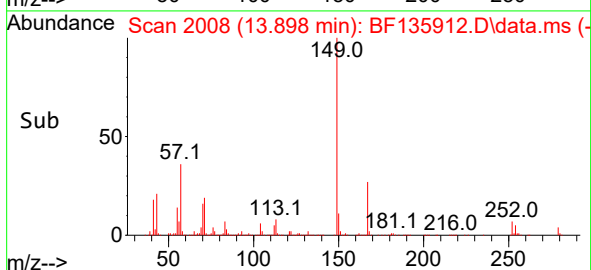
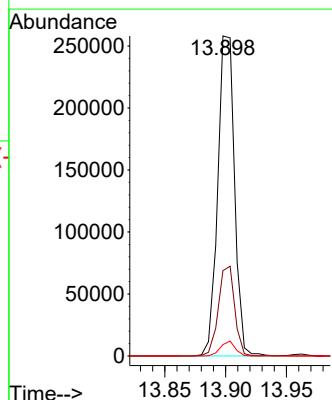
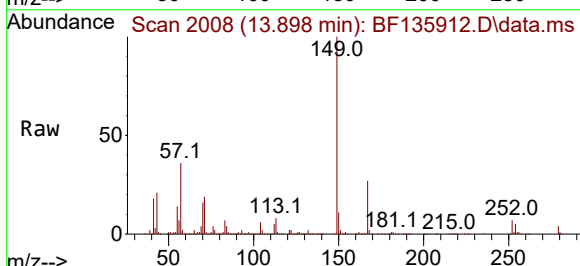
Tgt Ion:149 Resp: 248238

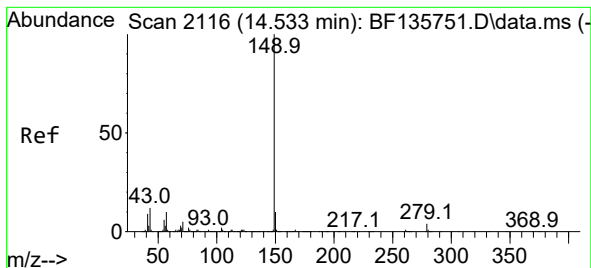
Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

279 3.6 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 40.815 ng

RT: 14.521 min Scan# 2114

Delta R.T. -0.012 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

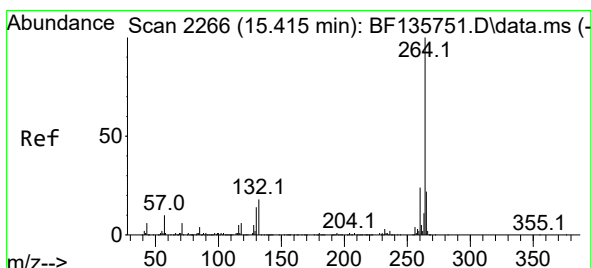
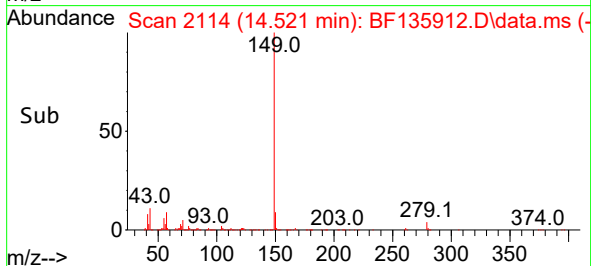
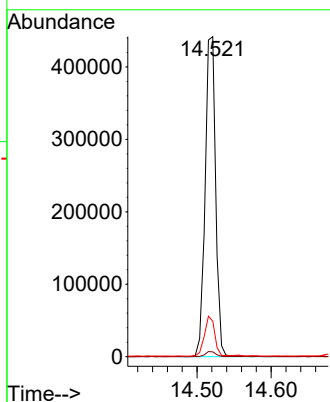
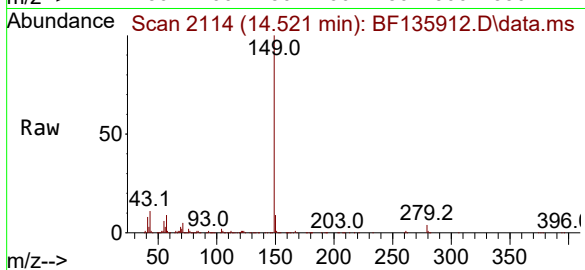
Tgt Ion:149 Resp: 437214

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 12.1 10.1 15.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. -0.012 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

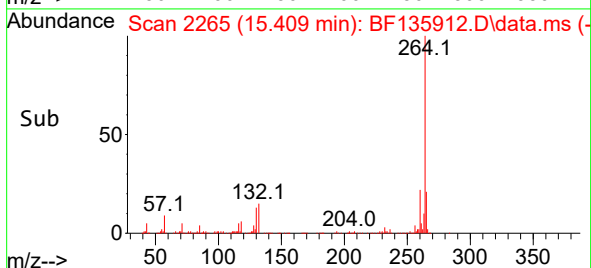
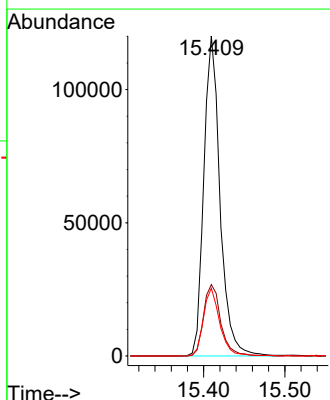
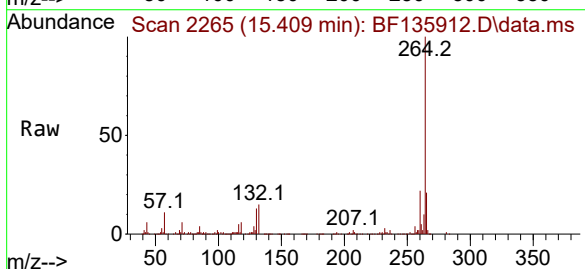
Tgt Ion:264 Resp: 166467

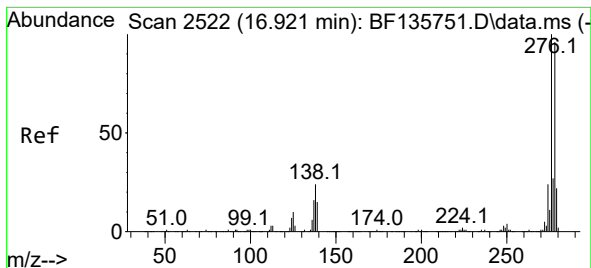
Ion Ratio Lower Upper

264 100

260 22.3 19.2 28.8

265 21.1 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.052 ng

RT: 16.915 min Scan# 2192

Delta R.T. -0.018 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

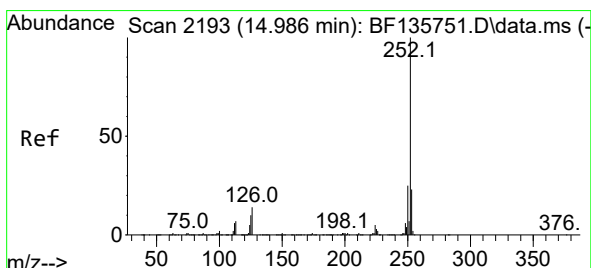
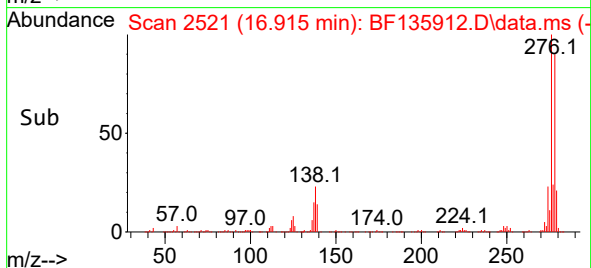
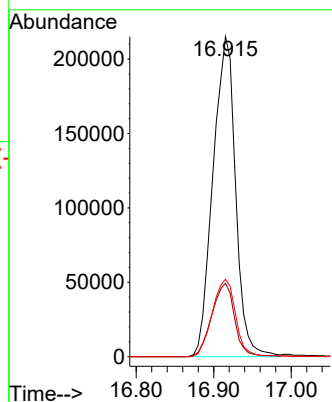
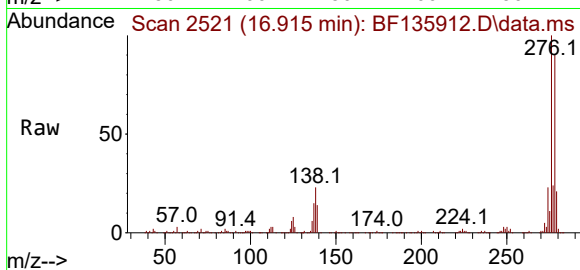
Tgt Ion:276 Resp: 435855

Ion Ratio Lower Upper

276 100

138 23.3 19.8 29.6

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 38.124 ng

RT: 14.980 min Scan# 2192

Delta R.T. -0.012 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

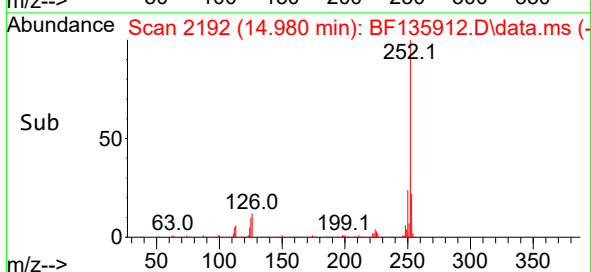
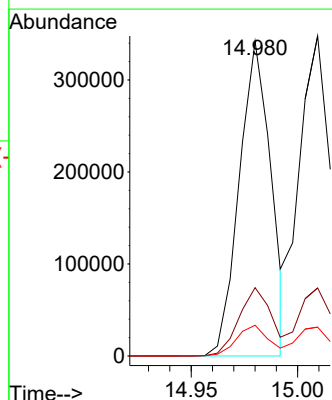
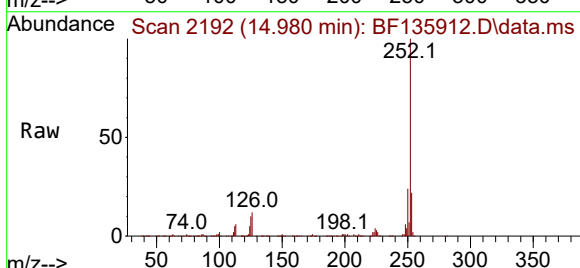
Tgt Ion:252 Resp: 355184

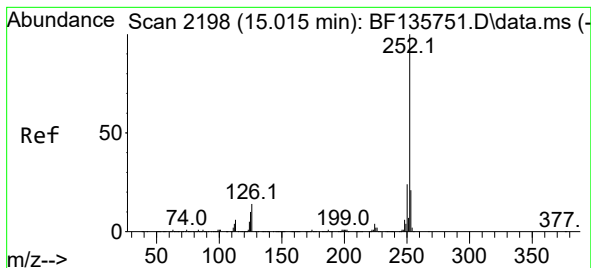
Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

125 9.7 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 41.394 ng

RT: 15.009 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

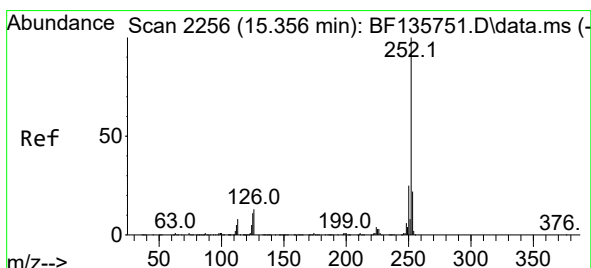
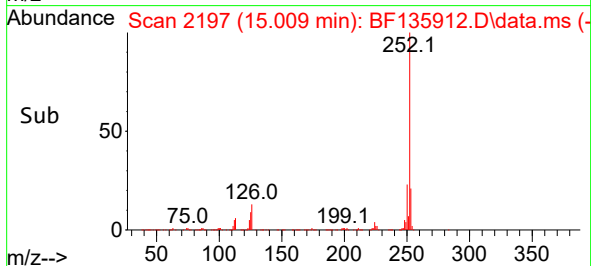
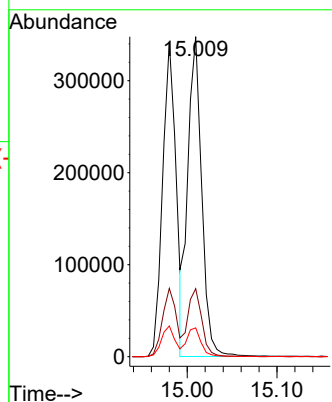
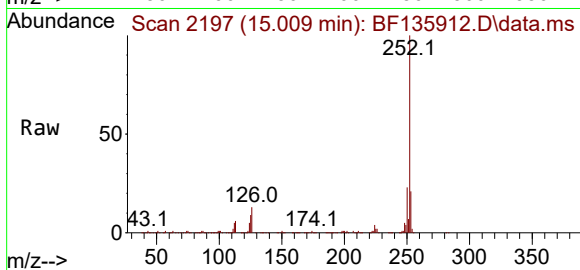
Tgt Ion:252 Resp: 374414

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 9.0 8.3 12.5



#90

Benzo(a)pyrene

Concen: 41.154 ng

RT: 15.351 min Scan# 2255

Delta R.T. -0.012 min

Lab File: BF135912.D

Acq: 20 Oct 2023 17:23

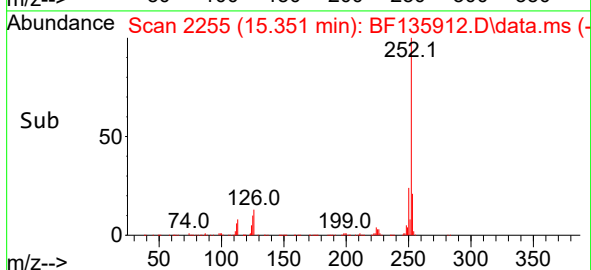
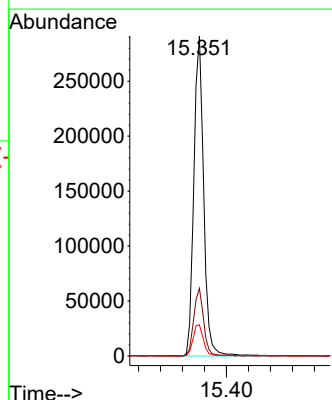
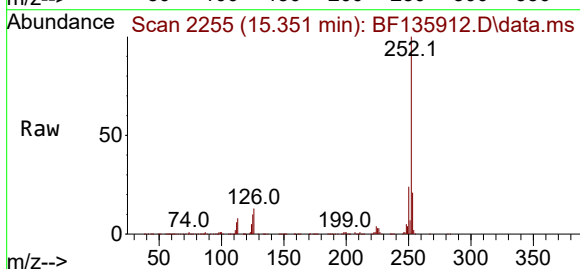
Tgt Ion:252 Resp: 360541

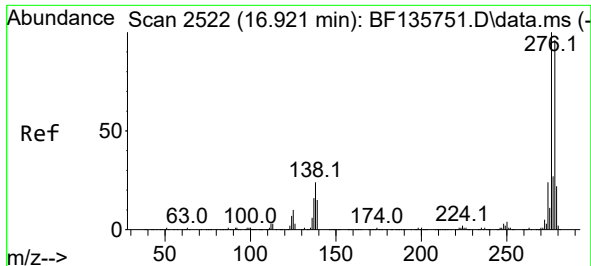
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

125 9.7 8.8 13.2

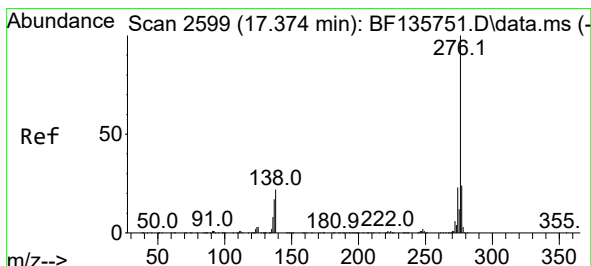
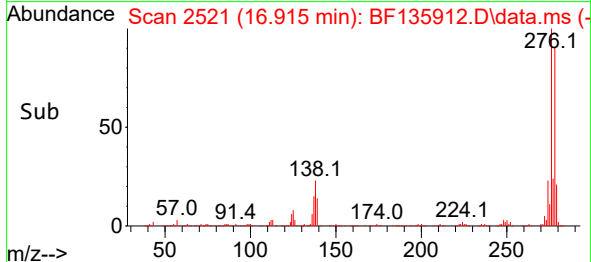
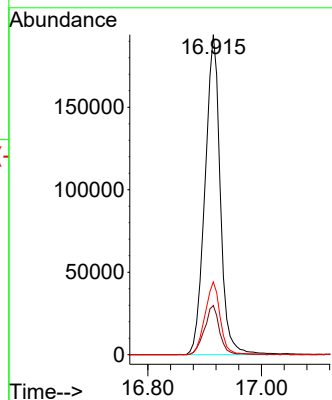
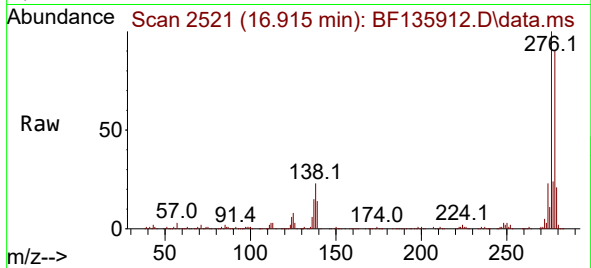




#91
 Dibenzo(a,h)anthracene
 Concen: 48.504 ng
 RT: 16.915 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF135912.D
 Acq: 20 Oct 2023 17:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:278 Resp: 360664
 Ion Ratio Lower Upper
 278 100
 139 15.3 12.5 18.7
 279 22.7 18.6 27.8



#92
 Benzo(g,h,i)perylene
 Concen: 48.954 ng
 RT: 17.368 min Scan# 2598
 Delta R.T. -0.018 min
 Lab File: BF135912.D
 Acq: 20 Oct 2023 17:23

Tgt Ion:276 Resp: 373914
 Ion Ratio Lower Upper
 276 100
 277 22.7 19.4 29.2
 138 17.4 17.3 25.9

