

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135543.D
 Acq On : 03 Oct 2023 15:33
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 04 06:59:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 06:58:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	129946	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	496067	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	240912	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	455133	20.000	ng	0.00
76) Chrysene-d12	13.927	240	227016	20.000	ng	0.00
86) Perylene-d12	15.386	264	226397	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	634878	79.463	ng	0.00
7) Phenol-d6	6.392	99	776837	76.466	ng	0.00
23) Nitrobenzene-d5	7.310	82	715823	78.397	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	164455	68.692	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1177298	73.729	ng	0.00
79) Terphenyl-d14	12.863	244	1150407	78.556	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.422	88	158017	45.116	ng	95
3) Pyridine	3.169	79	419260	44.477	ng	97
4) n-Nitrosodimethylamine	3.134	42	208034	41.588	ng	97
6) Aniline	6.410	93	500938	37.602	ng	# 81
8) 2-Chlorophenol	6.528	128	337345	39.553	ng	100
9) Benzaldehyde	6.298	77	219568	37.938	ng	99
10) Phenol	6.404	94	420205	37.720	ng	# 74
11) bis(2-Chloroethyl)ether	6.481	93	335601	40.162	ng	100
12) 1,3-Dichlorobenzene	6.681	146	330744	38.158	ng	98
13) 1,4-Dichlorobenzene	6.757	146	331287	37.567	ng	99
14) 1,2-Dichlorobenzene	6.910	146	304592	37.193	ng	98
15) Benzyl Alcohol	6.892	79	252444	34.628	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	604458	38.377	ng	82
17) 2-Methylphenol	7.004	107	283686	37.692	ng	98
18) Hexachloroethane	7.245	117	126549	38.838	ng	96
19) n-Nitroso-di-n-propyla...	7.157	70	219874	34.942	ng	96
20) 3+4-Methylphenols	7.163	107	345089	38.130	ng	# 72
22) Acetophenone	7.151	105	433403	38.214	ng	93
24) Nitrobenzene	7.328	77	363560	40.285	ng	98
25) Isophorone	7.563	82	656174	39.136	ng	98
26) 2-Nitrophenol	7.639	139	179464	41.433	ng	99
27) 2,4-Dimethylphenol	7.686	122	292960	40.239	ng	96
28) bis(2-Chloroethoxy)met...	7.775	93	407732	40.630	ng	99
29) 2,4-Dichlorophenol	7.886	162	264752	39.244	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	272937	38.707	ng	98
31) Naphthalene	8.039	128	935039	38.794	ng	99
32) Benzoic acid	7.822	122	214949	39.208	ng	96
33) 4-Chloroaniline	8.098	127	419408	39.661	ng	99
34) Hexachlorobutadiene	8.151	225	154120	36.248	ng	99
35) Caprolactam	8.469	113	93909	41.476	ng	95
36) 4-Chloro-3-methylphenol	8.592	107	292328	38.988	ng	93
37) 2-Methylnaphthalene	8.733	142	612775	37.822	ng	99
38) 1-Methylnaphthalene	8.833	142	562370	37.075	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	273029	39.119	ng	99
41) Hexachlorocyclopentadiene	8.881	237	119327	42.604	ng	99
43) 2,4,6-Trichlorophenol	9.016	196	176568	38.639	ng	99

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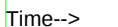
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 06:58:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	202900	38.555	ng	99
46) 1,1'-Biphenyl	9.198	154	733772	39.634	ng	99
47) 2-Chloronaphthalene	9.222	162	532355	39.631	ng	98
48) 2-Nitroaniline	9.328	65	219855	42.129	ng	98
49) Acenaphthylene	9.639	152	857520	38.412	ng	99
50) Dimethylphthalate	9.504	163	632175	38.812	ng	100
51) 2,6-Dinitrotoluene	9.575	165	142179	39.846	ng	# 84
52) Acenaphthene	9.810	154	523670	39.708	ng	96
53) 3-Nitroaniline	9.745	138	178002	42.498	ng	94
54) 2,4-Dinitrophenol	9.863	184	105646	54.329	ng	96
55) Dibenzofuran	9.986	168	754766	37.505	ng	97
56) 4-Nitrophenol	9.922	139	118757	44.612	ng	98
57) 2,4-Dinitrotoluene	9.980	165	166785	37.337	ng	# 80
58) Fluorene	10.327	166	597719	38.635	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	148134	36.593	ng	98
60) Diethylphthalate	10.204	149	621619	38.027	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	283039	38.085	ng	91
62) 4-Nitroaniline	10.363	138	166724	41.411	ng	95
63) Azobenzene	10.480	77	649487	40.597	ng	98
65) 4,6-Dinitro-2-methylph...	10.398	198	97628	40.386	ng	86
66) n-Nitrosodiphenylamine	10.439	169	552772	40.117	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	171585	37.906	ng	94
68) Hexachlorobenzene	10.874	284	178468	38.700	ng	# 89
69) Atrazine	10.974	200	135919	36.660	ng	99
70) Pentachlorophenol	11.080	266	112467	40.762	ng	97
71) Phenanthrene	11.292	178	865452	40.205	ng	99
72) Anthracene	11.345	178	888765	40.168	ng	99
73) Carbazole	11.510	167	833848	41.398	ng	98
74) Di-n-butylphthalate	11.833	149	971958	40.952	ng	99
75) Fluoranthene	12.486	202	912332	40.675	ng	98
77) Benzidine	12.616	184	187799	40.380	ng	100
78) Pyrene	12.716	202	918559	42.499	ng	100
80) Butylbenzylphthalate	13.339	149	350647	46.078	ng	95
81) Benzo(a)anthracene	13.915	228	600766	40.983	ng	100
82) 3,3'-Dichlorobenzidine	13.880	252	191823	41.894	ng	98
83) Chrysene	13.951	228	576577	39.561	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	374257	47.926	ng	99
85) Di-n-octyl phthalate	14.515	149	518704	41.797	ng	100
87) Indeno(1,2,3-cd)pyrene	16.868	276	648779	43.706	ng	97
88) Benzo(b)fluoranthene	14.962	252	450315	36.743	ng	# 97
89) Benzo(k)fluoranthene	14.986	252	447894	36.996	ng	# 96
90) Benzo(a)pyrene	15.321	252	465754	39.851	ng	98
91) Dibenzo(a,h)anthracene	16.874	278	526754	43.370	ng	99
92) Benzo(g,h,i)perylene	17.309	276	560249	44.168	ng	96

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

SSTDCCC040

Response via : Initial Calibration

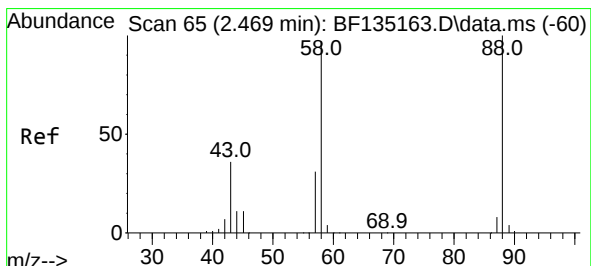
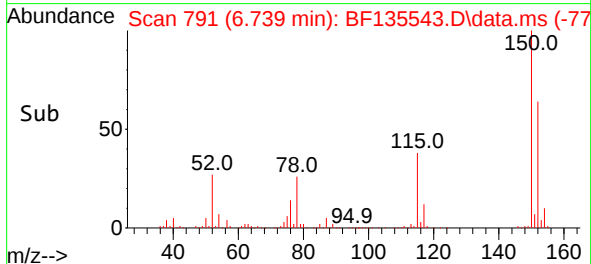
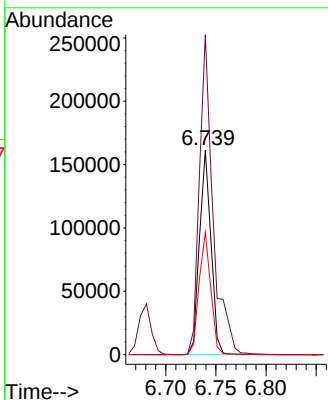
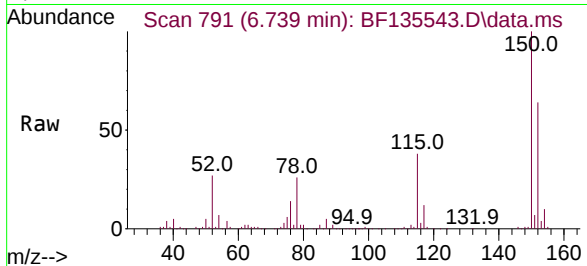




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135543.D
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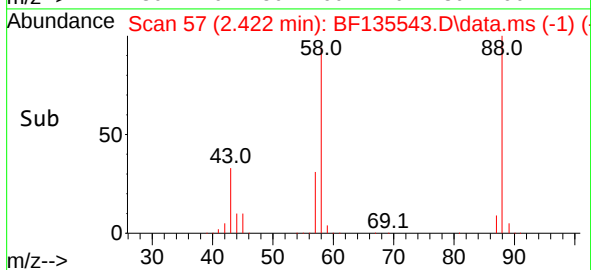
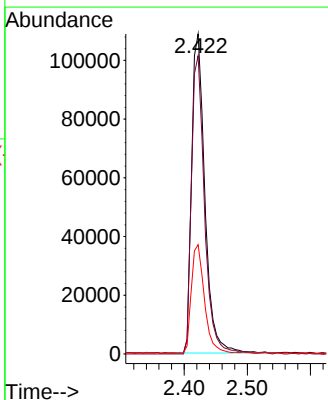
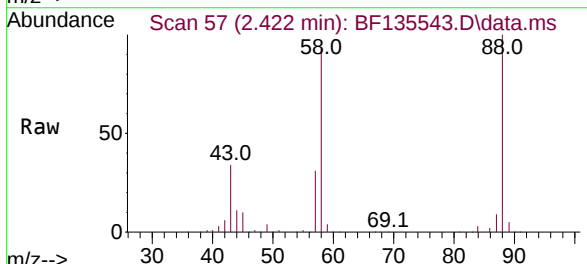
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:152 Resp: 129946
 Ion Ratio Lower Upper
 152 100
 150 156.5 127.8 191.6
 115 59.8 49.8 74.8



#2
 1,4-Dioxane
 Concen: 45.116 ng
 RT: 2.422 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: BF135543.D
 Acq: 03 Oct 2023 15:33

Tgt Ion: 88 Resp: 158017
 Ion Ratio Lower Upper
 88 100
 58 92.5 78.3 117.5
 43 33.6 29.4 44.0

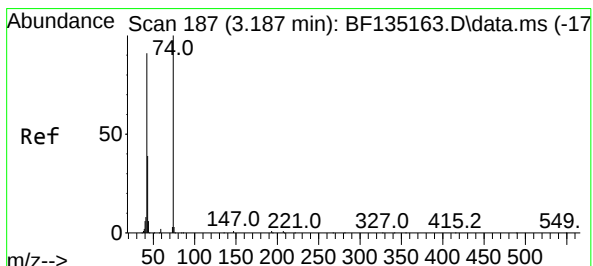
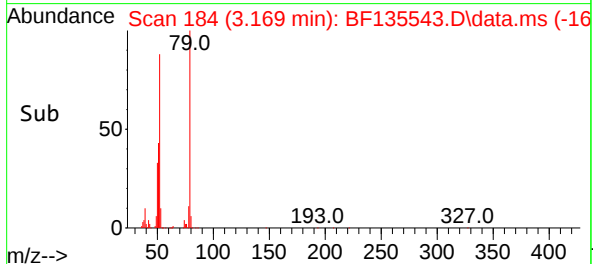
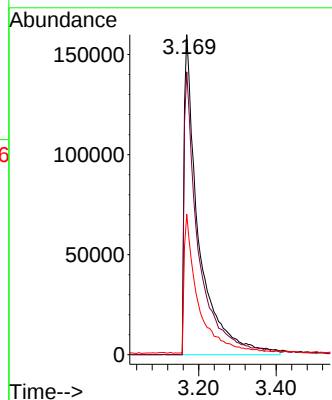
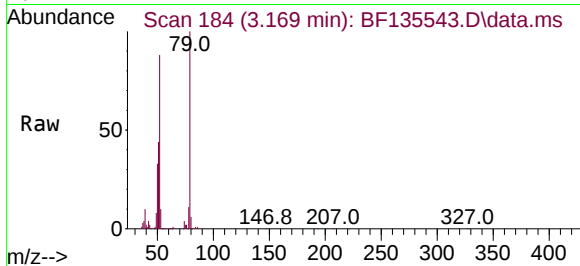




#3
Pyridine
Concen: 44.477 ng
RT: 3.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

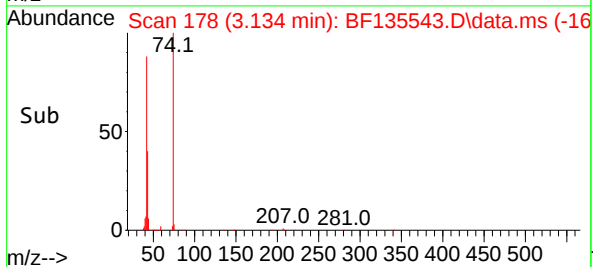
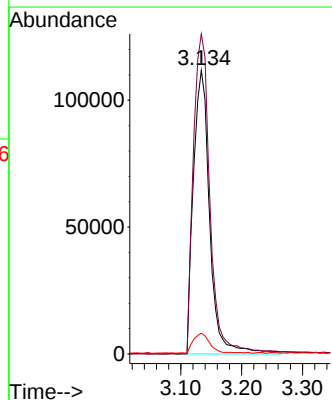
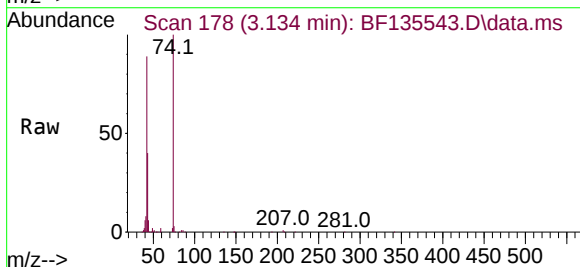
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ClientSampleId :
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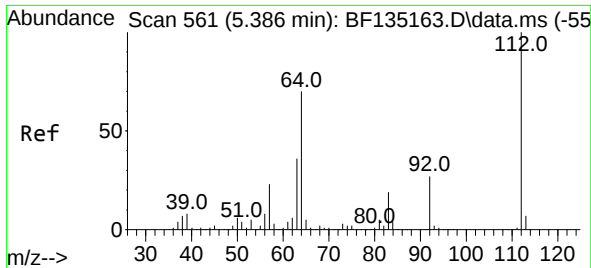
Tgt Ion: 79 Resp: 419260
Ion Ratio Lower Upper
79 100
52 88.4 74.1 111.1
51 43.9 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 41.588 ng
RT: 3.134 min Scan# 178
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion: 42 Resp: 208034
Ion Ratio Lower Upper
42 100
74 112.8 87.7 131.5
44 7.3 5.6 8.4

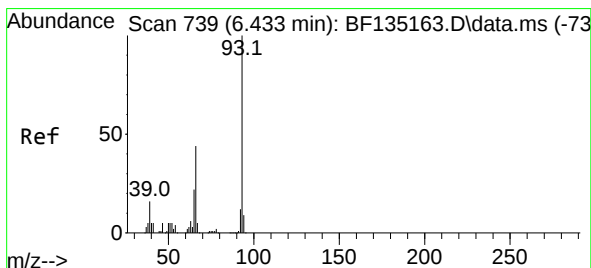
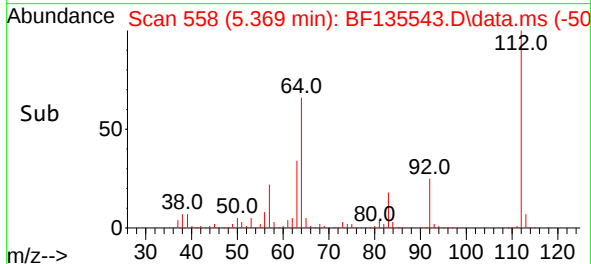
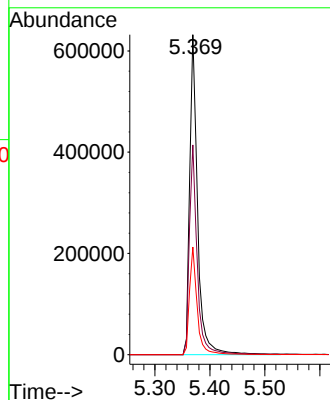
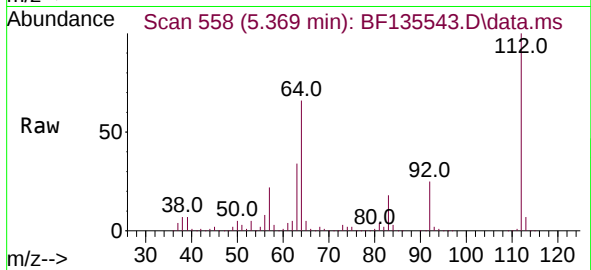




#5
2-Fluorophenol
Concen: 79.463 ng
RT: 5.369 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

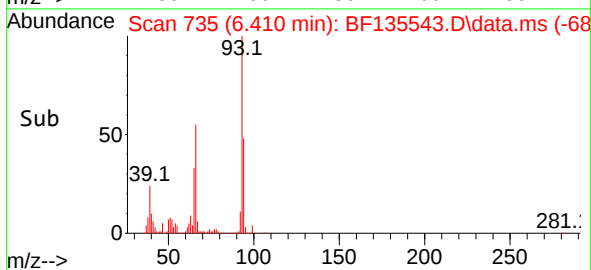
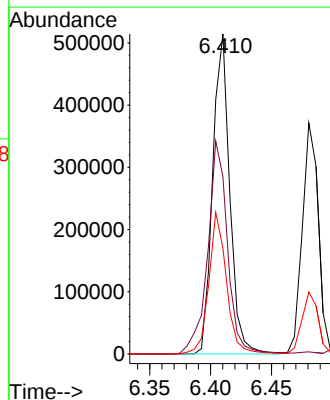
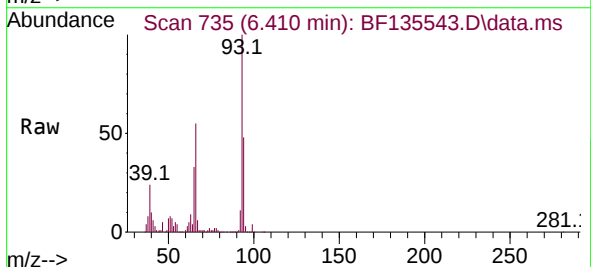
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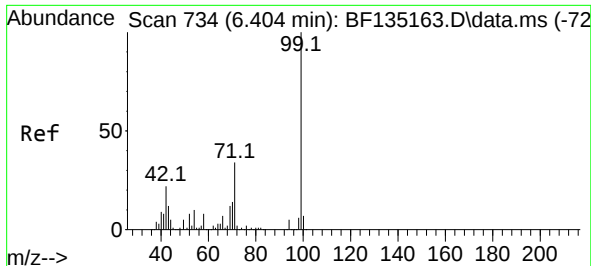
Tgt Ion:112 Resp: 634878
Ion Ratio Lower Upper
112 100
64 65.6 55.9 83.9
63 33.6 29.0 43.6



#6
Aniline
Concen: 37.602 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion: 93 Resp: 500938
Ion Ratio Lower Upper
93 100
66 55.4 35.4 53.0#
65 33.1 17.8 26.8#

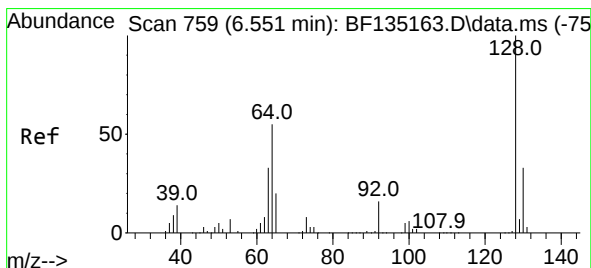
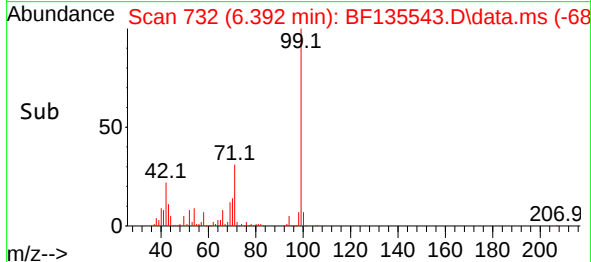
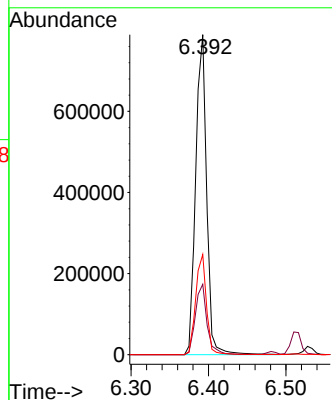
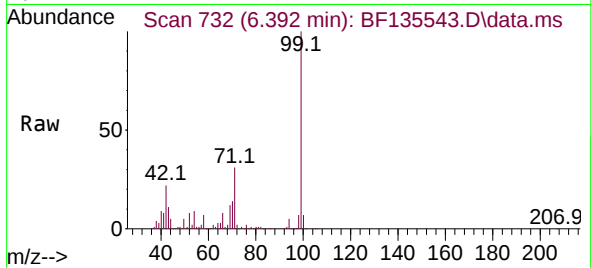




#7
Phenol-d6
Concen: 76.466 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

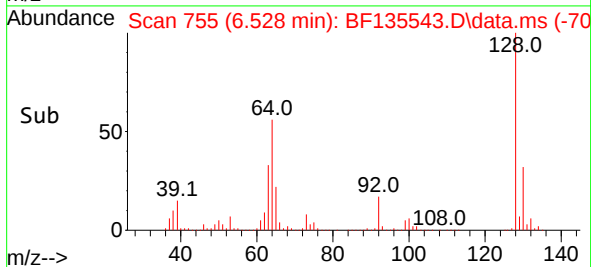
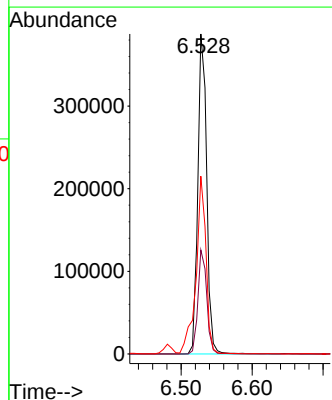
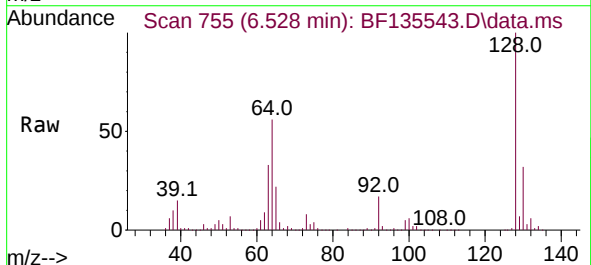
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 776837
Ion Ratio Lower Upper
99 100
42 22.0 17.9 26.9
71 31.3 27.0 40.6



#8
2-Chlorophenol
Concen: 39.553 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion: 128 Resp: 337345
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 55.5 35.9 75.9

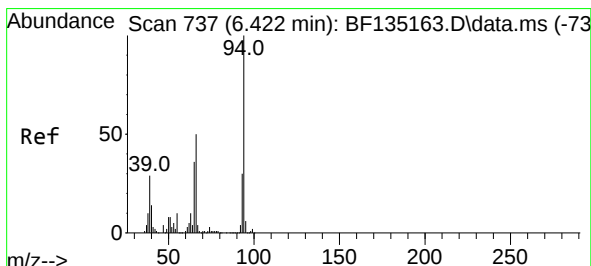
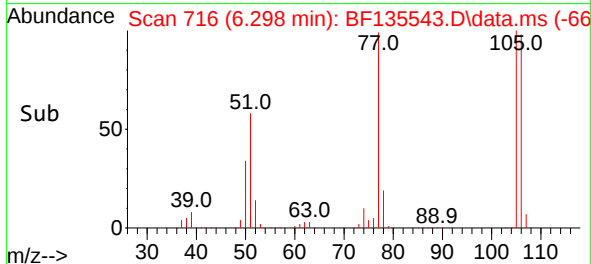
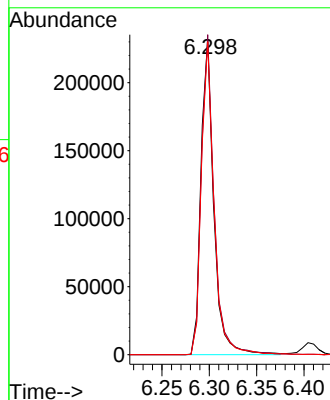
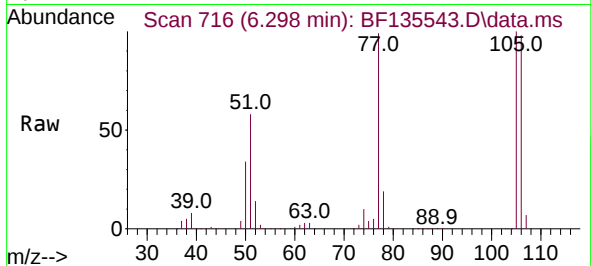




#9
Benzaldehyde
Concen: 37.938 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

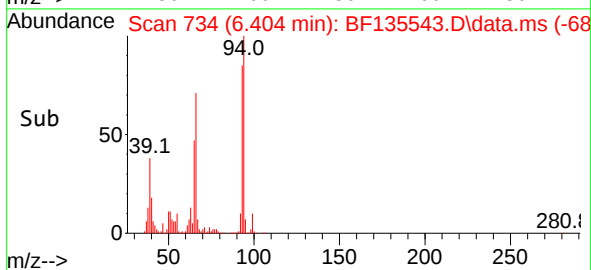
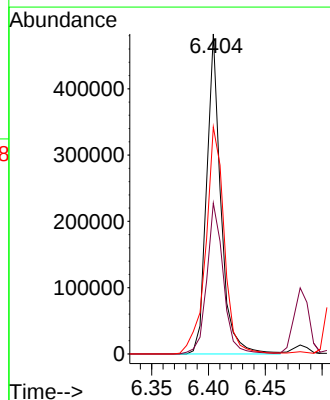
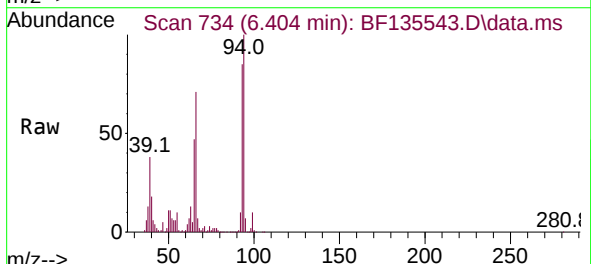
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BNA_F
ClientSampleId :
SSTDCCC040

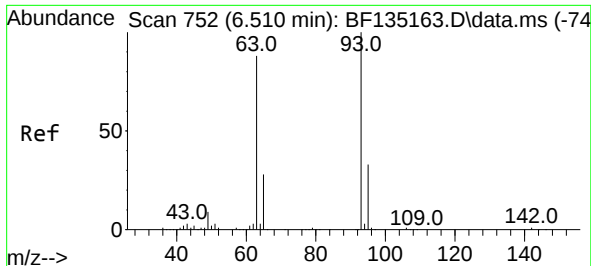
Tgt Ion: 77 Resp: 219568
Ion Ratio Lower Upper
77 100
105 101.4 81.4 121.4
106 99.1 76.9 116.9



#10
Phenol
Concen: 37.720 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion: 94 Resp: 420205
Ion Ratio Lower Upper
94 100
65 47.2 15.9 55.9
66 70.9 29.8 69.8#

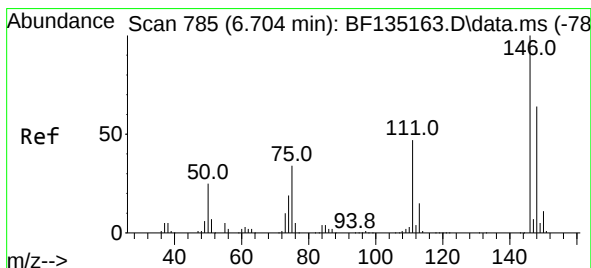
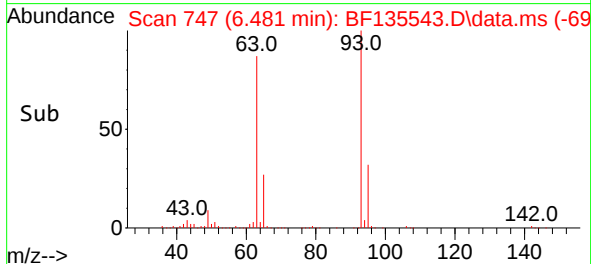
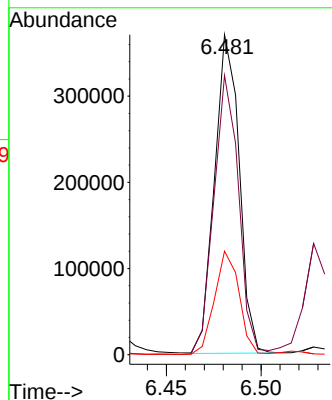
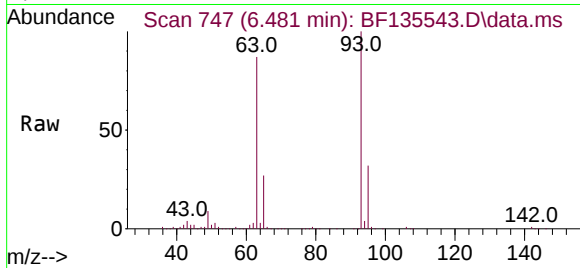




#11
bis(2-Chloroethyl)ether
Concen: 40.162 ng
RT: 6.481 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

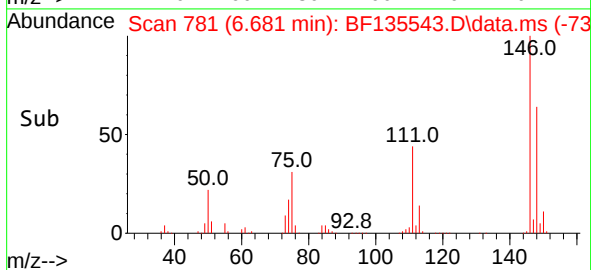
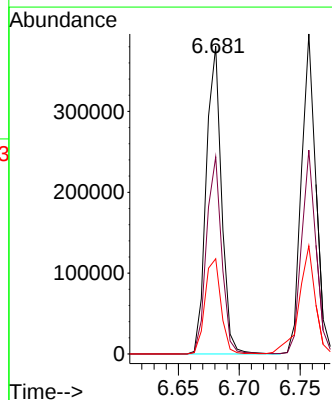
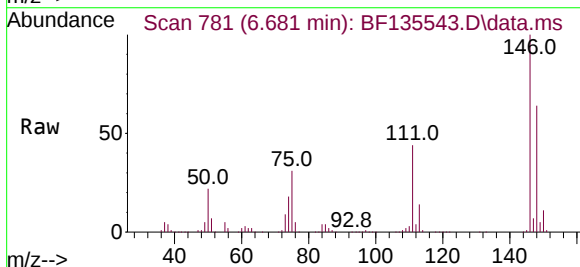
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

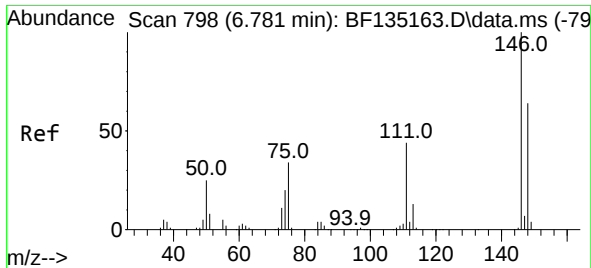
Tgt Ion: 93 Resp: 335601
Ion Ratio Lower Upper
93 100
63 87.3 67.3 107.3
95 32.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 38.158 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion:146 Resp: 330744
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
75 31.0 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 37.567 ng

RT: 6.757 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

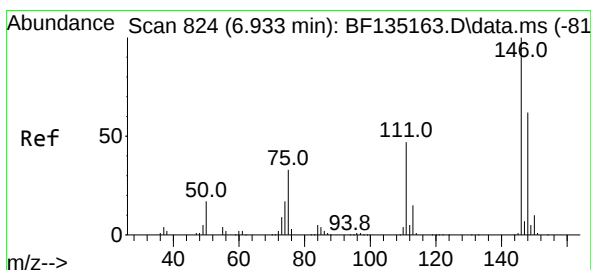
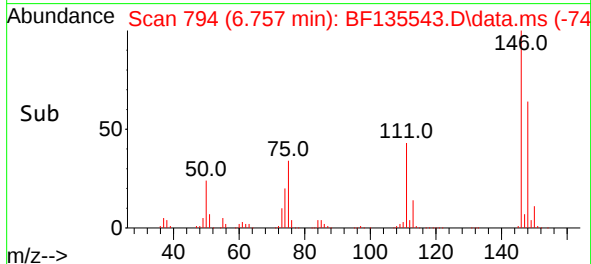
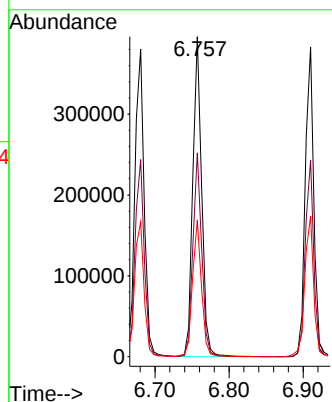
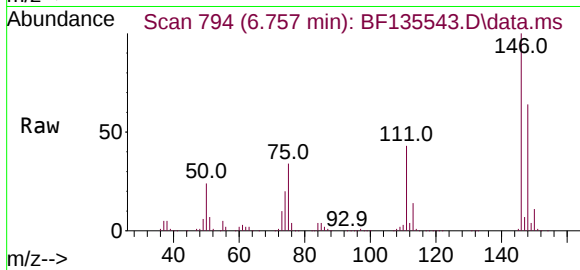
Tgt Ion:146 Resp: 331287

Ion Ratio Lower Upper

146 100

148 63.7 51.3 76.9

111 42.8 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 37.193 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

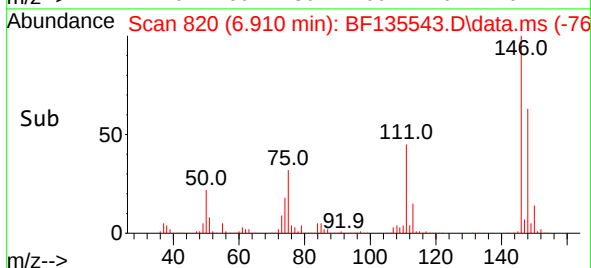
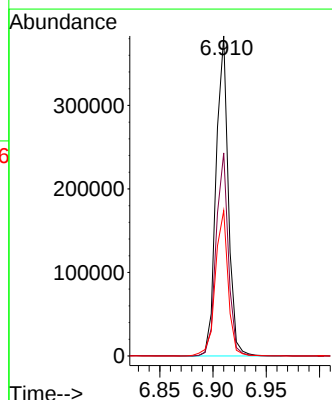
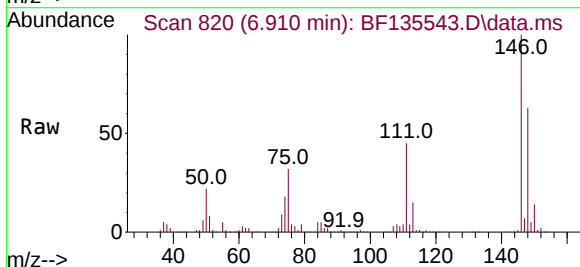
Tgt Ion:146 Resp: 304592

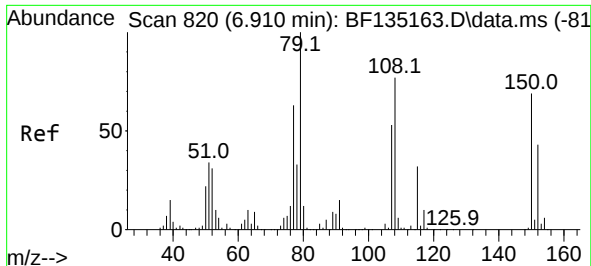
Ion Ratio Lower Upper

146 100

148 63.4 49.7 74.5

111 45.4 37.4 56.2

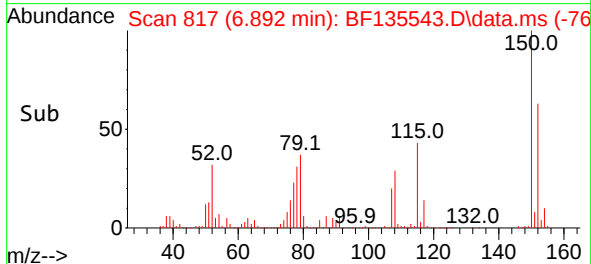
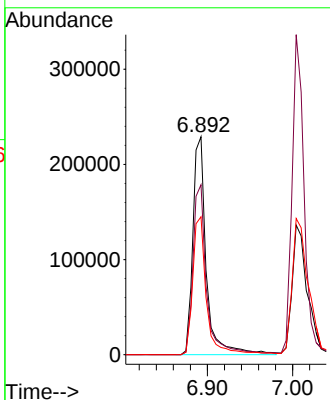
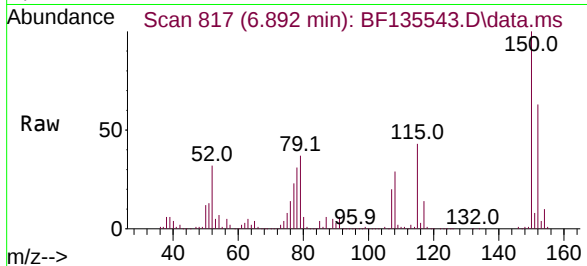




#15
Benzyl Alcohol
Concen: 34.628 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

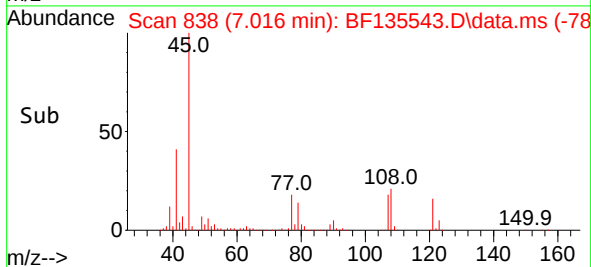
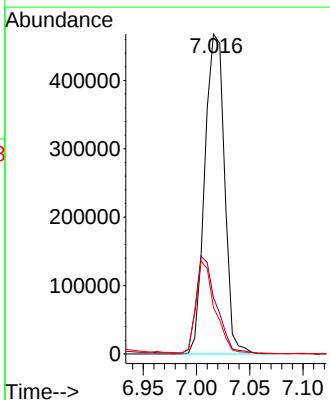
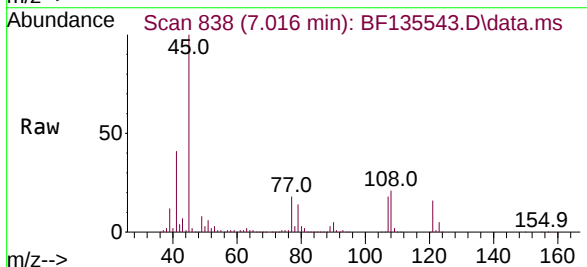
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

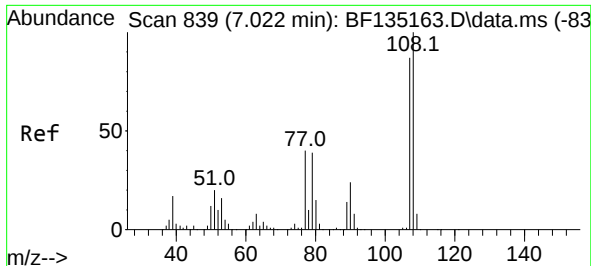
Tgt Ion: 79 Resp: 252444
Ion Ratio Lower Upper
79 100
108 78.0 61.2 91.8
77 63.3 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.377 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion: 45 Resp: 604458
Ion Ratio Lower Upper
45 100
77 17.6 0.0 30.6
79 14.4 0.0 28.3

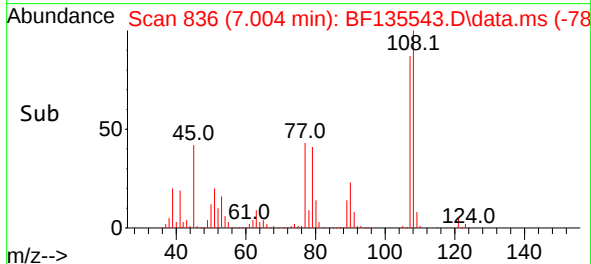
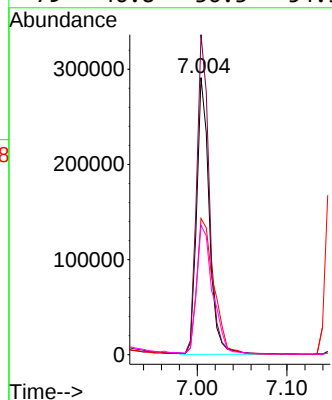
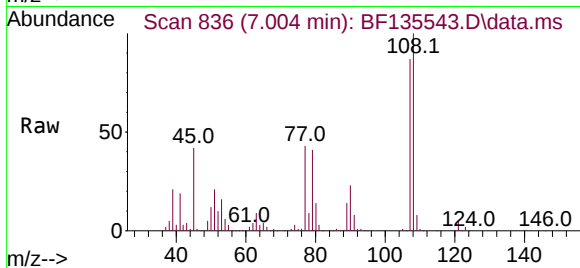




#17
2-Methylphenol
Concen: 37.692 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

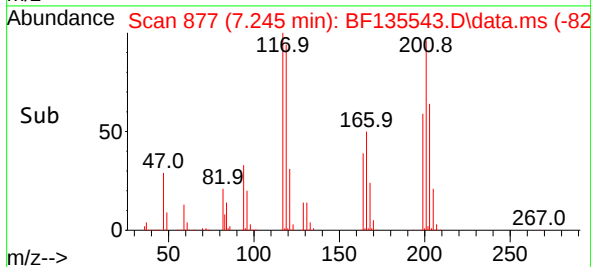
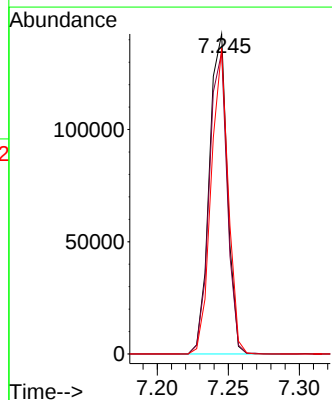
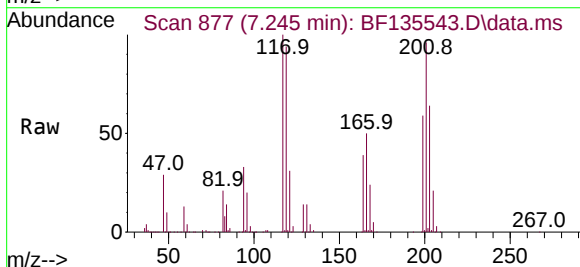
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	283686
Ion	Ratio	Lower	Upper
107	100		
108	115.5	92.0	138.0
77	49.1	36.7	55.1
79	46.8	36.3	54.5



#18
Hexachloroethane
Concen: 38.838 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion:	117	Resp:	126549
Ion	Ratio	Lower	Upper
117	100		
119	94.3	74.7	112.1
201	95.5	81.8	122.8

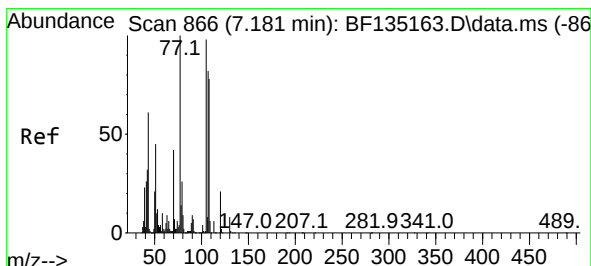
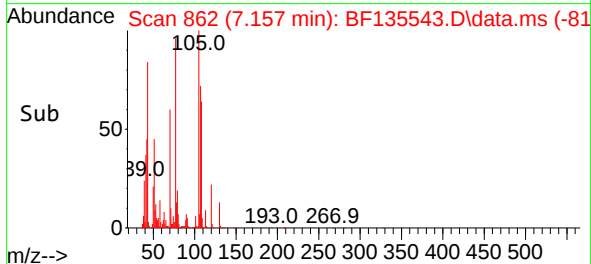
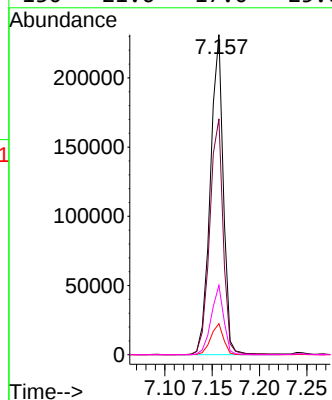
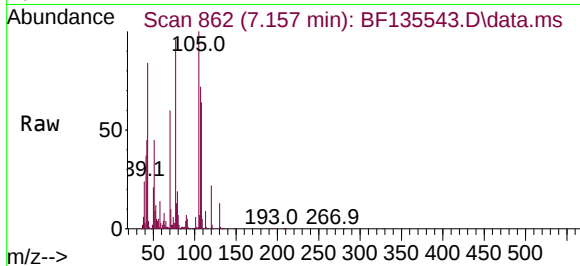




#19
n-Nitroso-di-n-propylamine
Concen: 34.942 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

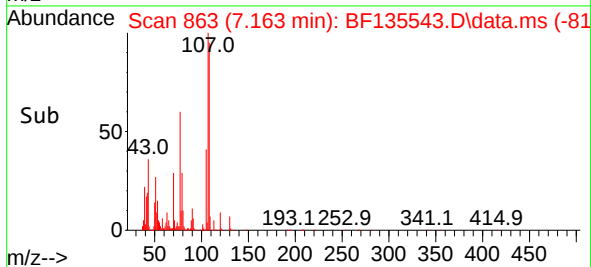
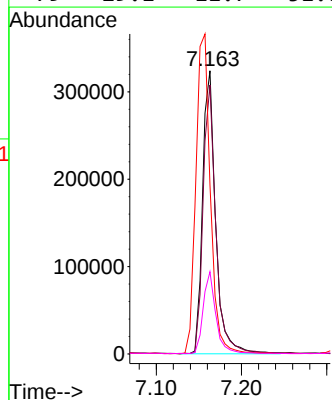
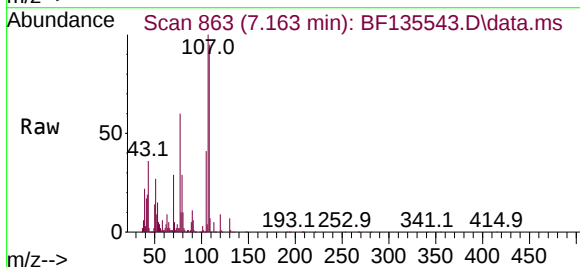
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

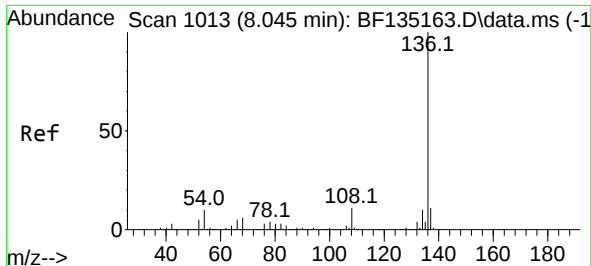
Tgt Ion: 70 Resp: 219874
Ion Ratio Lower Upper
70 100
42 73.7 55.4 83.0
101 9.7 7.7 11.5
130 21.6 17.0 25.6



#20
3+4-Methylphenols
Concen: 38.130 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion: 107 Resp: 345089
Ion Ratio Lower Upper
107 100
108 95.0 74.7 114.7
77 59.8 102.0 142.0#
79 29.1 11.7 51.7

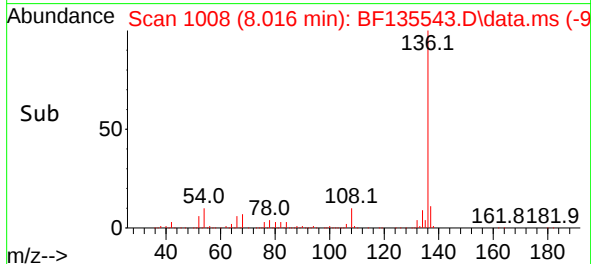
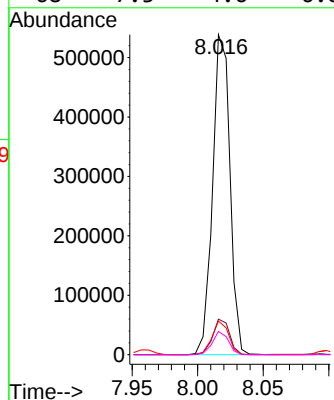
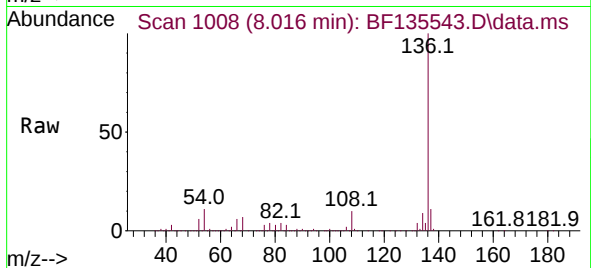




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

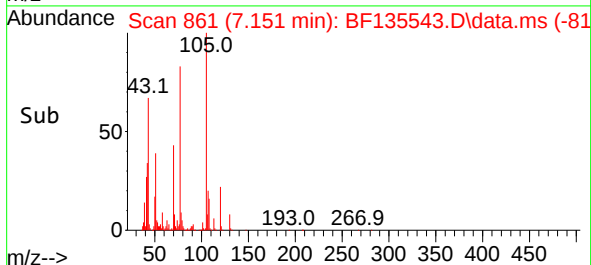
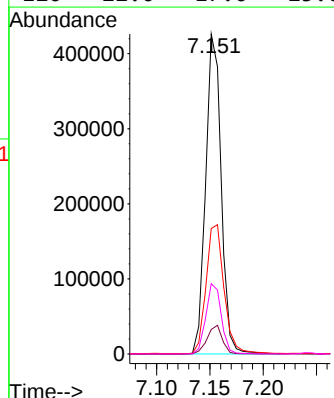
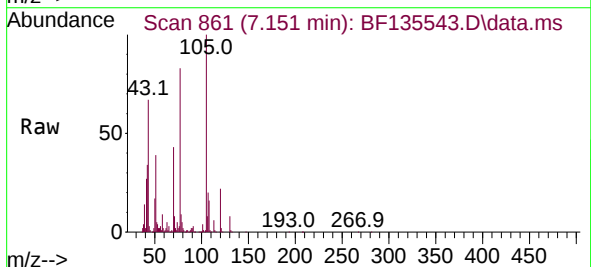
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 496067
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.5 7.7 11.5
68 7.3 4.6 6.8#



#22
Acetophenone
Concen: 38.214 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion:105 Resp: 433403
Ion Ratio Lower Upper
105 100
71 7.6 5.8 8.6
51 39.2 37.0 55.4
120 22.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 78.397 ng

RT: 7.310 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

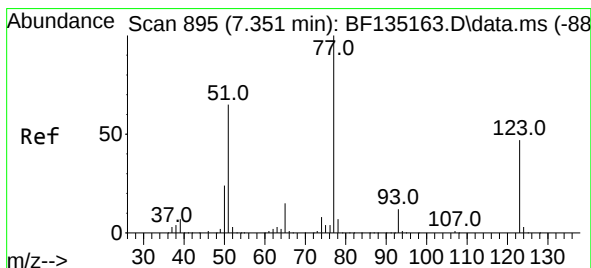
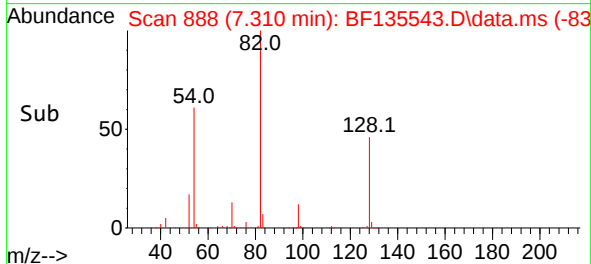
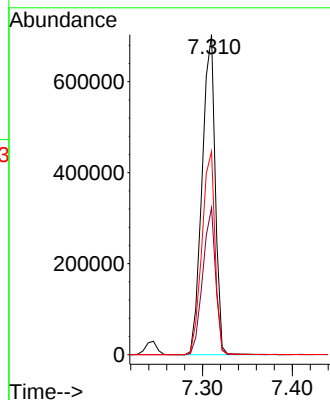
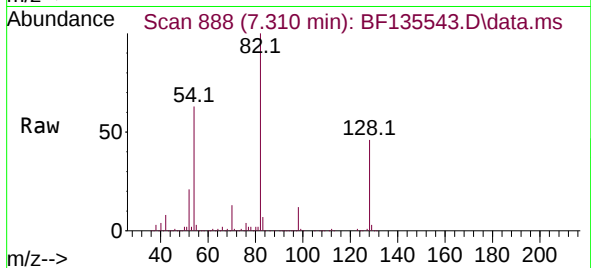
Tgt Ion: 82 Resp: 715823

Ion Ratio Lower Upper

82 100

128 45.9 35.8 53.6

54 63.5 50.6 76.0



#24

Nitrobenzene

Concen: 40.285 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

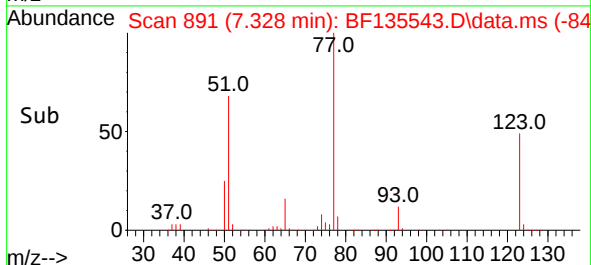
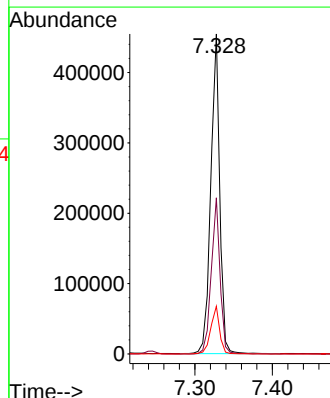
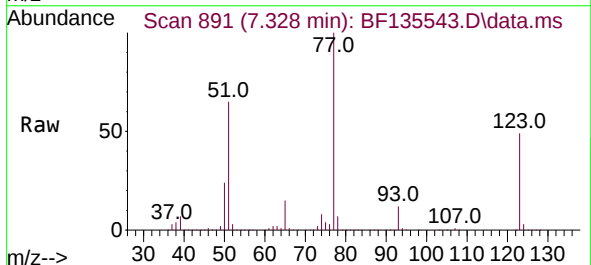
Tgt Ion: 77 Resp: 363560

Ion Ratio Lower Upper

77 100

123 48.8 37.6 56.4

65 14.9 12.2 18.4

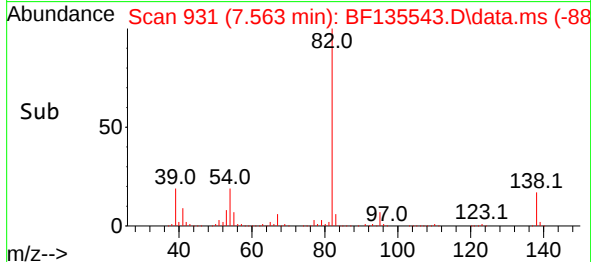
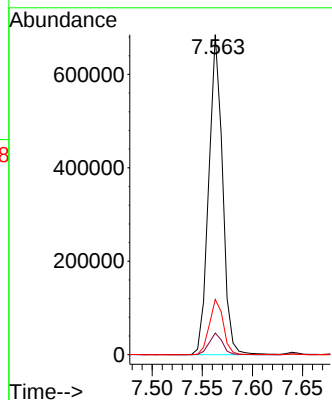
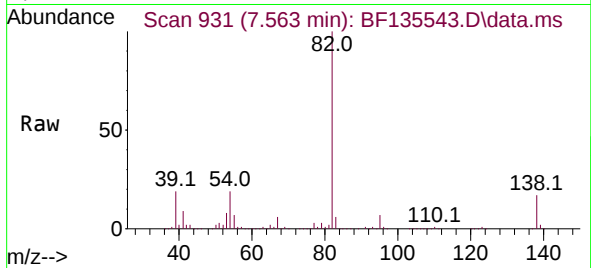




#25
Isophorone
Concen: 39.136 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

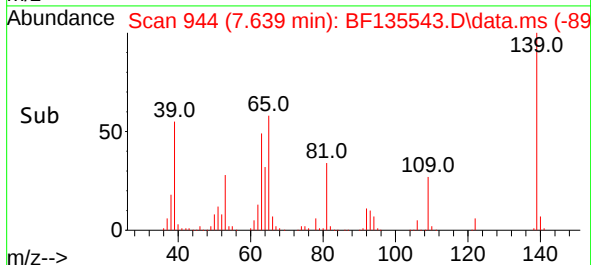
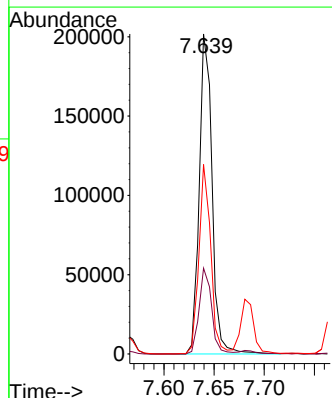
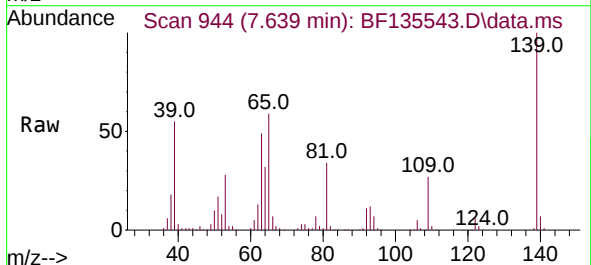
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 656174
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 17.3 14.5 21.7



#26
2-Nitrophenol
Concen: 41.433 ng
RT: 7.639 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion: 139 Resp: 179464
Ion Ratio Lower Upper
139 100
109 26.8 22.6 33.8
65 59.2 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 40.239 ng

RT: 7.686 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

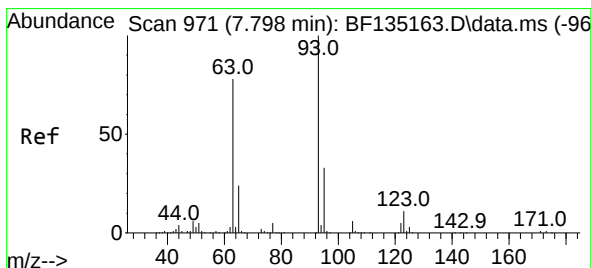
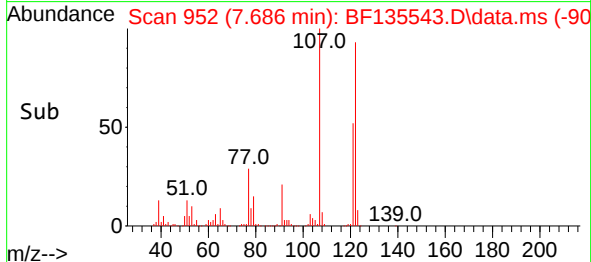
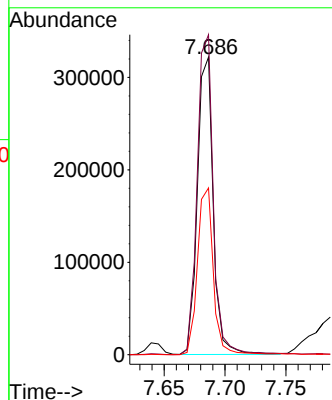
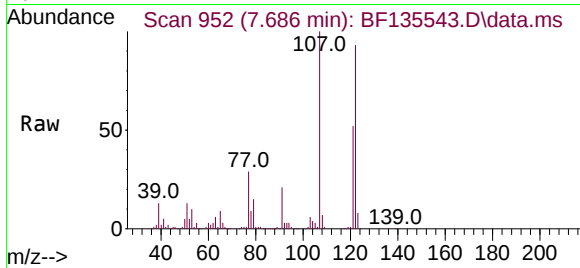
Tgt Ion:122 Resp: 292960

Ion Ratio Lower Upper

122 100

107 107.6 90.2 135.4

121 56.1 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 40.630 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

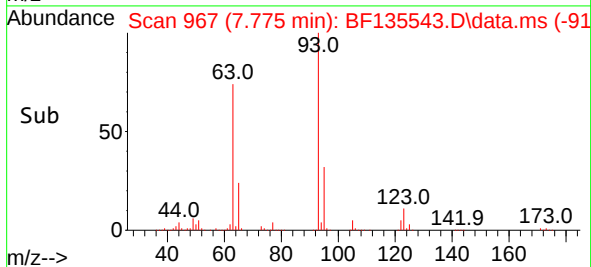
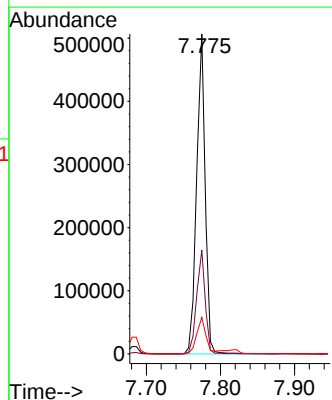
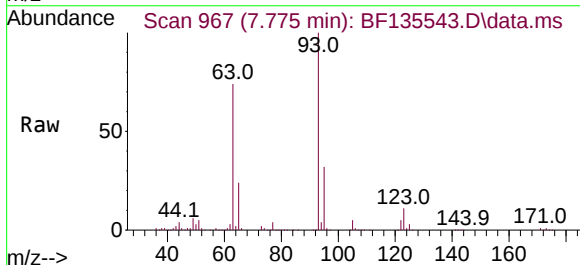
Tgt Ion: 93 Resp: 407732

Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 11.4 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 39.244 ng

RT: 7.886 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

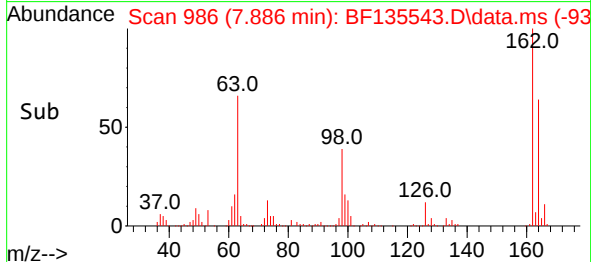
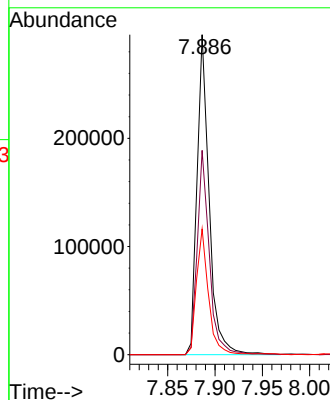
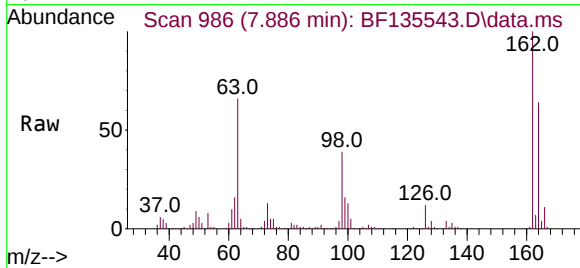
Tgt Ion:162 Resp: 264752

Ion Ratio Lower Upper

162 100

164 63.9 44.1 84.1

98 39.3 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 38.707 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

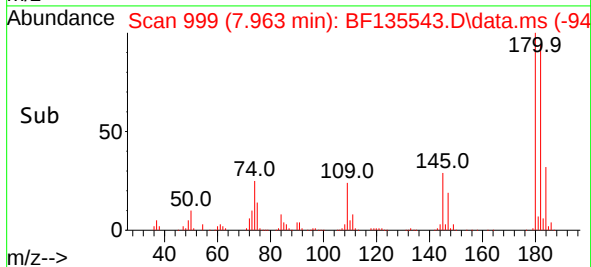
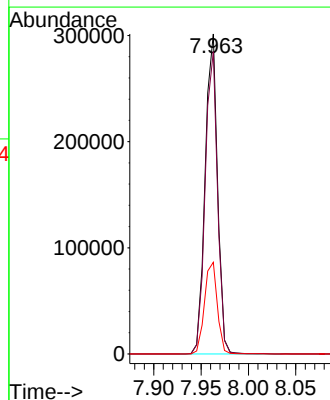
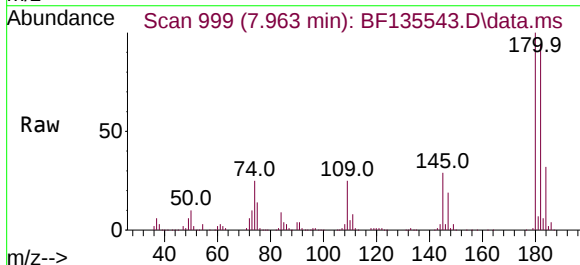
Tgt Ion:180 Resp: 272937

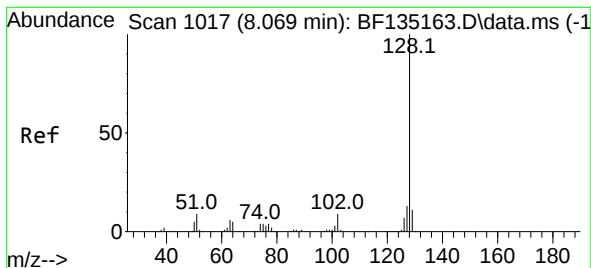
Ion Ratio Lower Upper

180 100

182 94.5 76.9 115.3

145 28.7 24.5 36.7





#31

Naphthalene

Concen: 38.794 ng

RT: 8.039 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

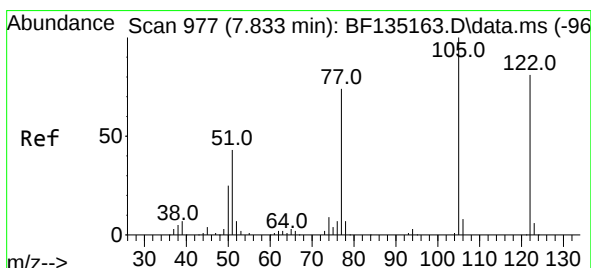
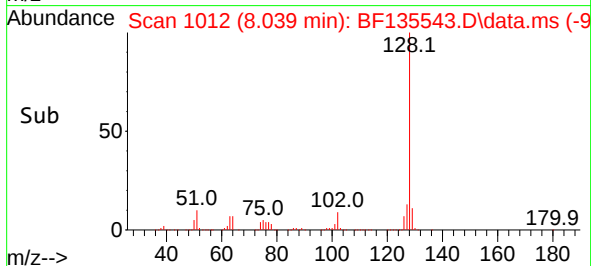
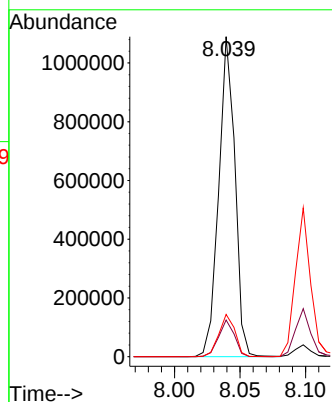
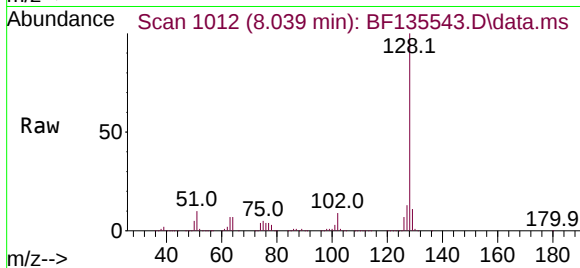
Tgt Ion:128 Resp: 935039

Ion Ratio Lower Upper

128 100

129 11.4 8.7 13.1

127 13.2 10.7 16.1



#32

Benzoic acid

Concen: 39.208 ng

RT: 7.822 min Scan# 975

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

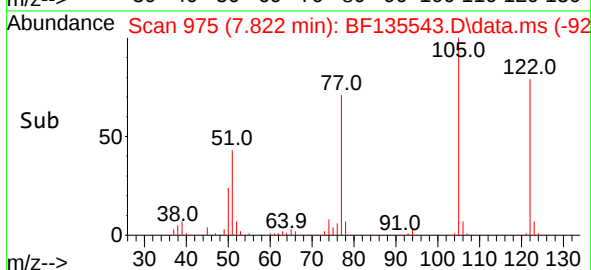
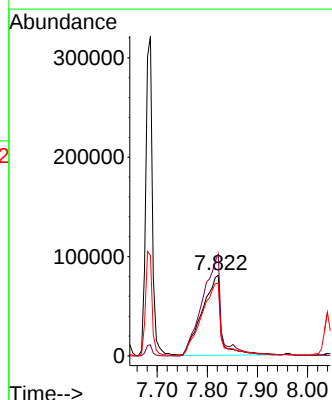
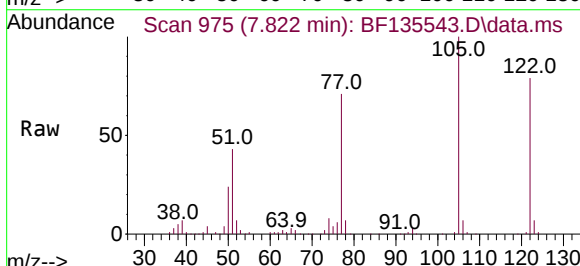
Tgt Ion:122 Resp: 214949

Ion Ratio Lower Upper

122 100

105 126.5 99.9 139.9

77 90.4 70.0 110.0





#33

4-Chloroaniline

Concen: 39.661 ng

RT: 8.098 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 419408

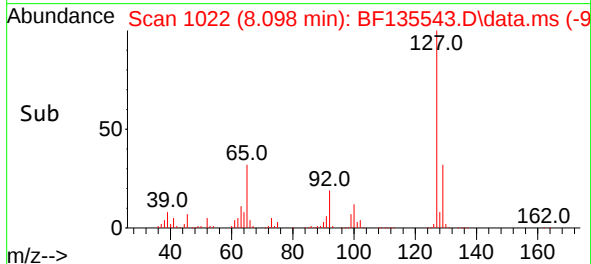
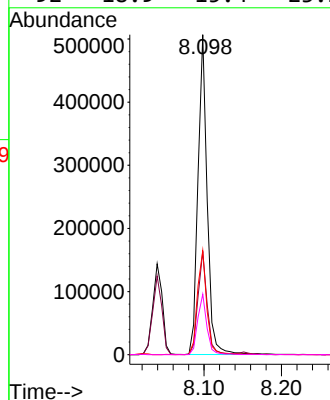
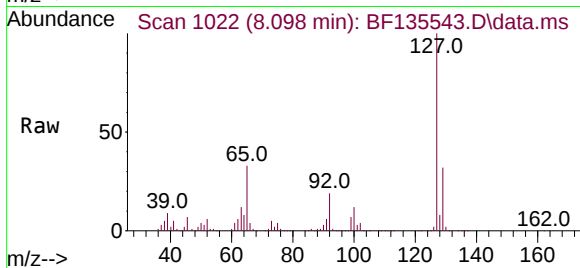
Ion Ratio Lower Upper

127 100

129 32.2 25.8 38.8

65 32.6 26.6 39.8

92 18.9 15.4 23.2



#34

Hexachlorobutadiene

Concen: 36.248 ng

RT: 8.151 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

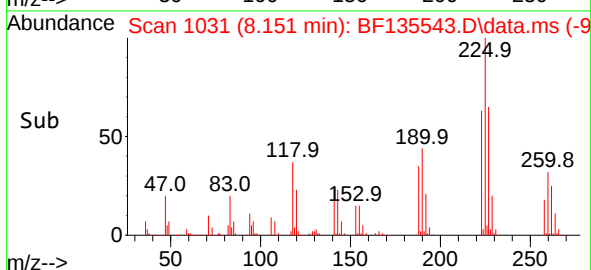
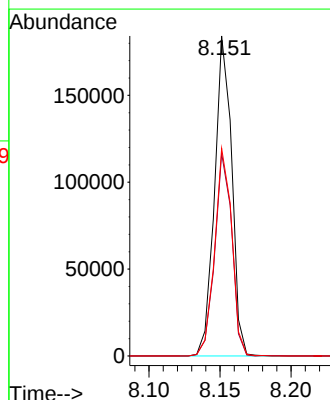
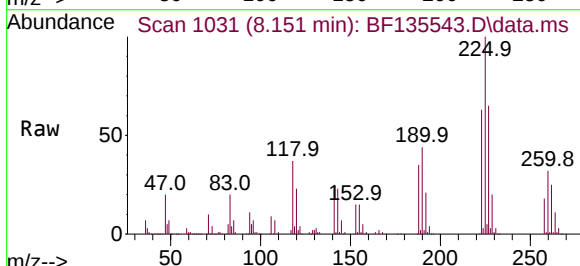
Tgt Ion:225 Resp: 154120

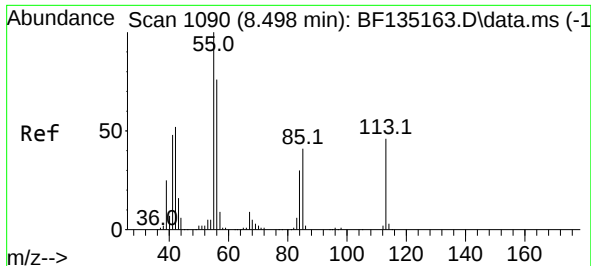
Ion Ratio Lower Upper

225 100

223 63.3 50.6 75.8

227 64.9 50.8 76.2

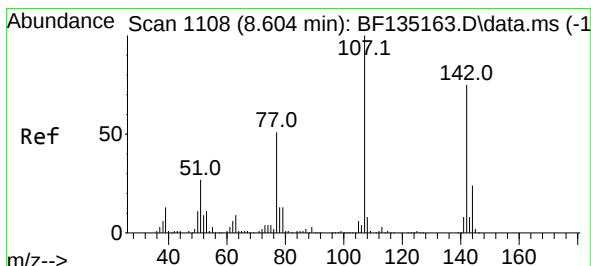
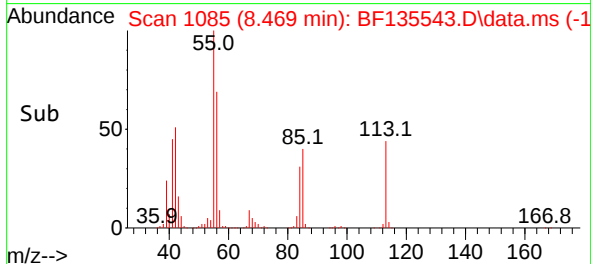
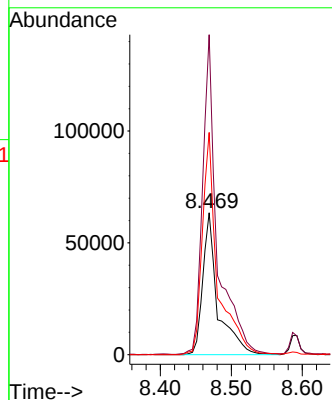
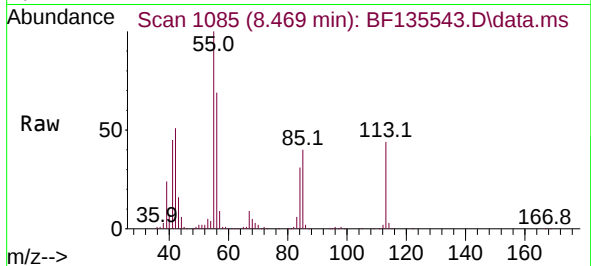




#35
 Caprolactam
 Concen: 41.476 ng
 RT: 8.469 min Scan# 1105
 Delta R.T. 0.000 min
 Lab File: BF135543.D
 Acq: 03 Oct 2023 15:33

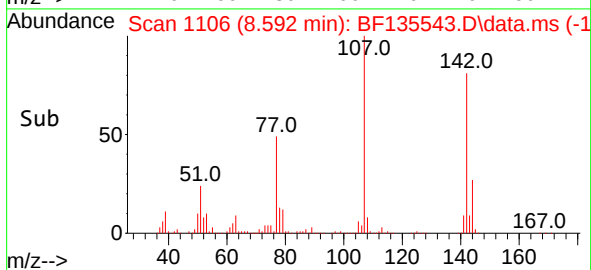
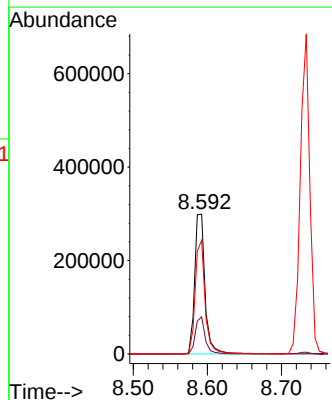
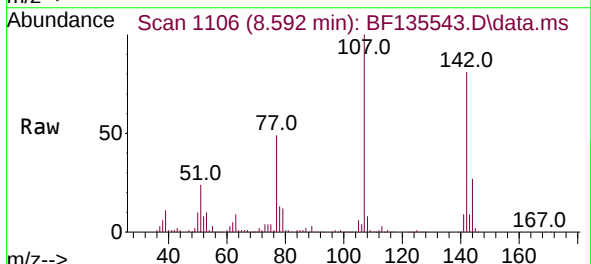
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

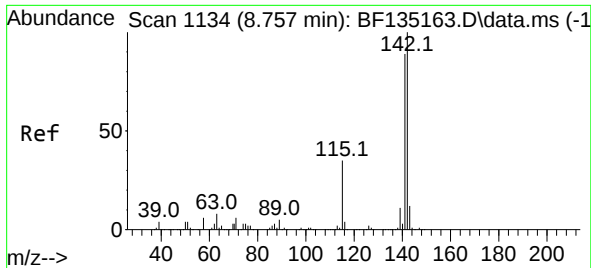
Tgt Ion:113 Resp: 93909
 Ion Ratio Lower Upper
 113 100
 55 225.4 199.3 239.3
 56 156.5 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 38.988 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. 0.000 min
 Lab File: BF135543.D
 Acq: 03 Oct 2023 15:33

Tgt Ion:107 Resp: 292328
 Ion Ratio Lower Upper
 107 100
 144 26.6 19.0 28.4
 142 81.4 60.2 90.2

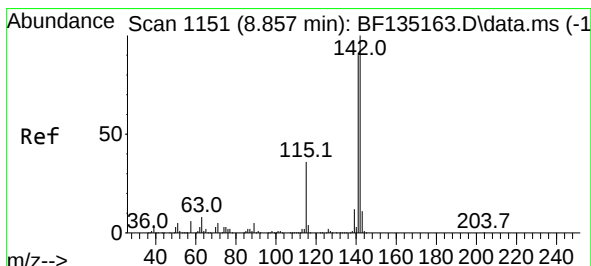
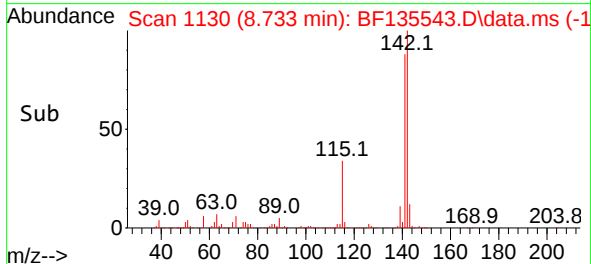
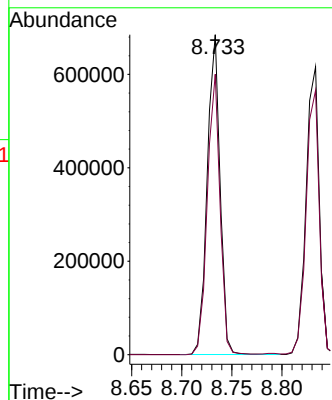
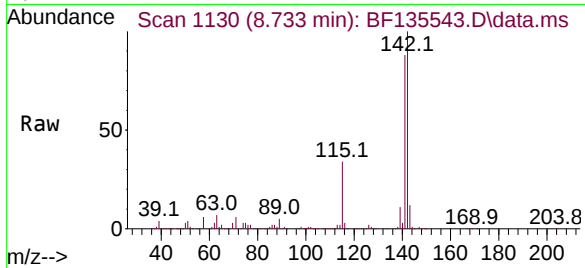




#37
2-Methylnaphthalene
Concen: 37.822 ng
RT: 8.733 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

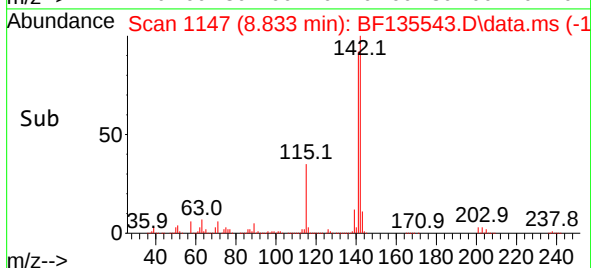
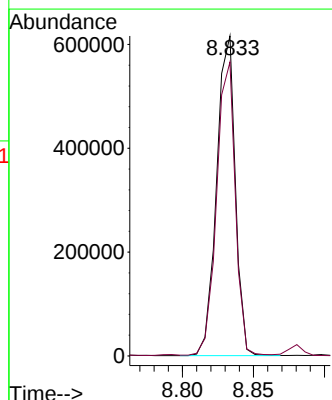
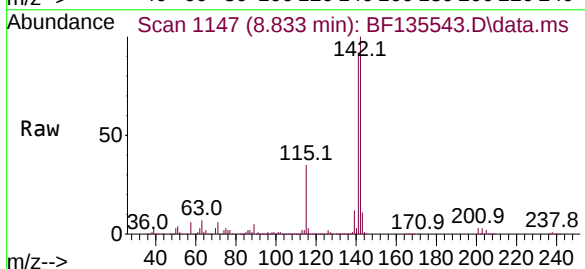
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

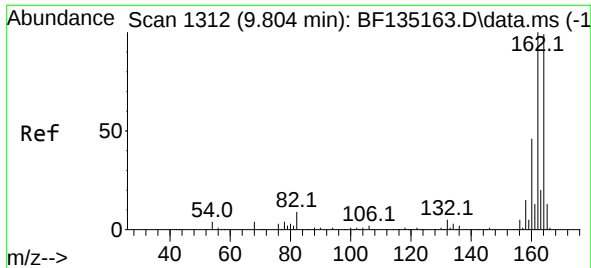
Tgt Ion:142 Resp: 612775
Ion Ratio Lower Upper
142 100
141 87.6 71.0 106.6



#38
1-Methylnaphthalene
Concen: 37.075 ng
RT: 8.833 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion:142 Resp: 562370
Ion Ratio Lower Upper
142 100
141 91.8 72.4 108.6

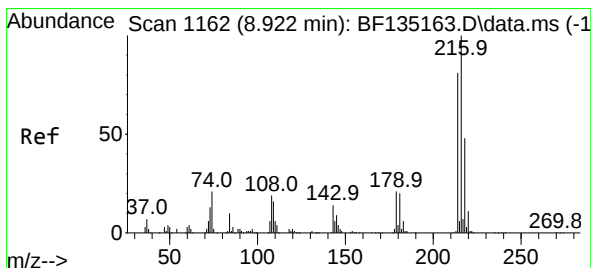
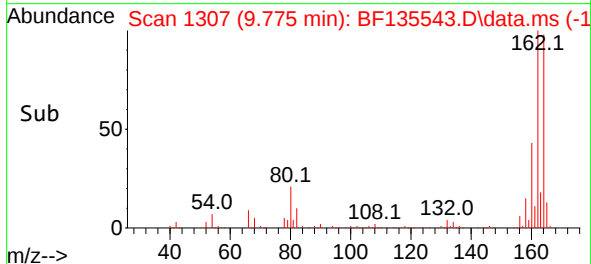
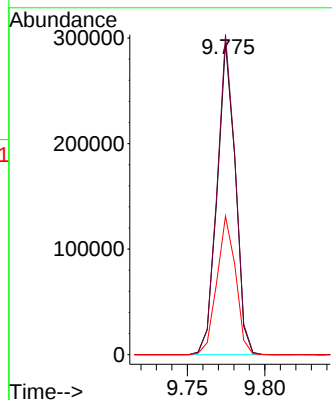
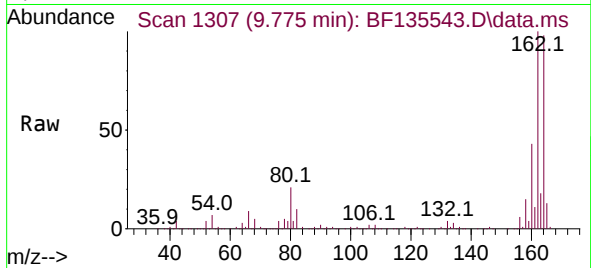




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

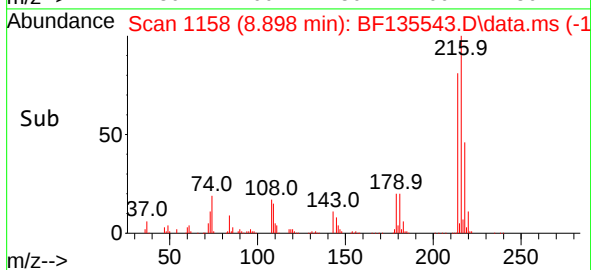
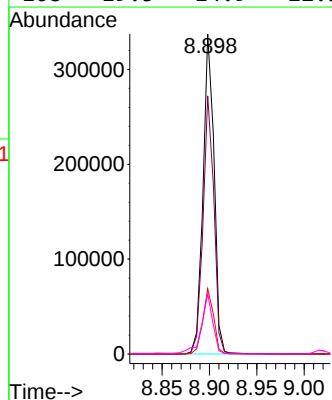
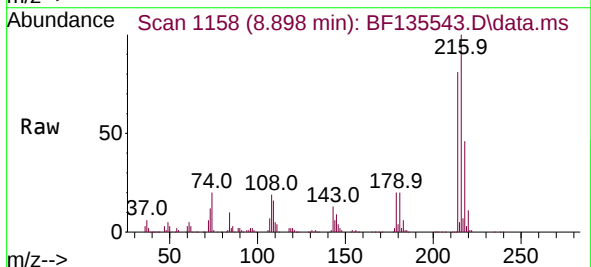
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 240912
Ion Ratio Lower Upper
164 100
162 102.5 81.0 121.4
160 44.4 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.119 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion:216 Resp: 273029
Ion Ratio Lower Upper
216 100
214 79.6 63.7 95.5
179 20.0 16.7 25.1
108 19.5 14.9 22.3

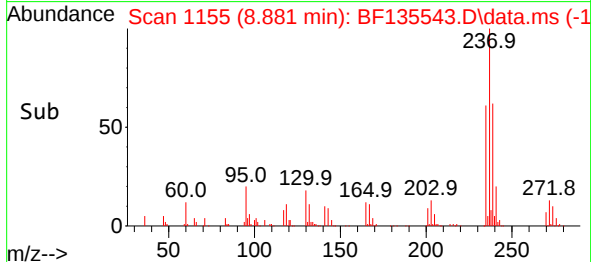
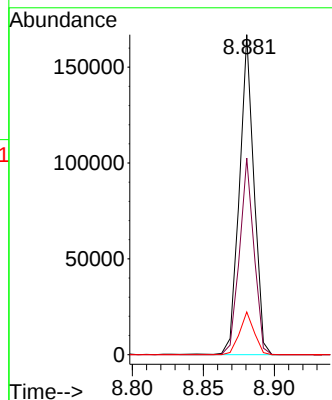
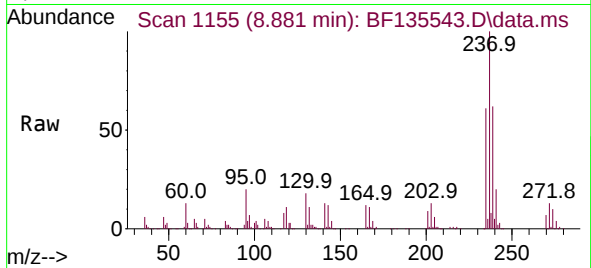




#41
Hexachlorocyclopentadiene
Concen: 42.604 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

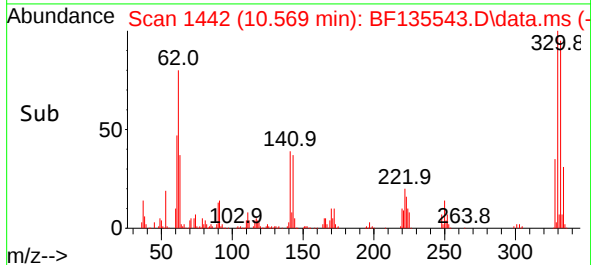
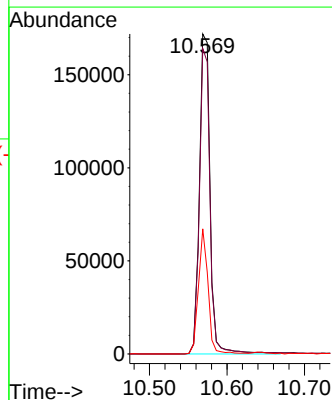
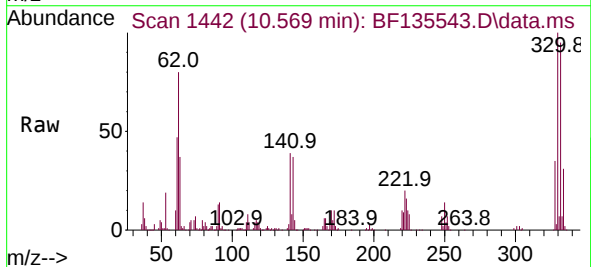
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

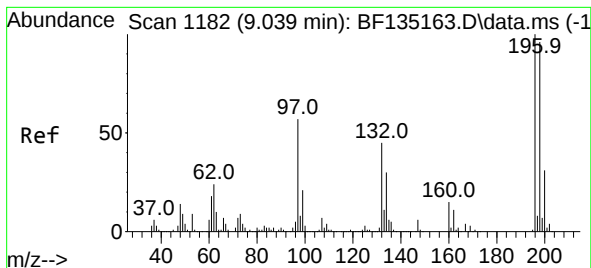
Tgt Ion:237 Resp: 119327
Ion Ratio Lower Upper
237 100
235 61.4 41.8 81.8
272 13.3 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 68.692 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion:330 Resp: 164455
Ion Ratio Lower Upper
330 100
332 93.9 77.3 115.9
141 35.1 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 38.639 ng

RT: 9.016 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

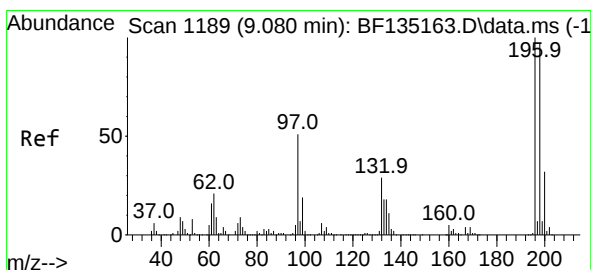
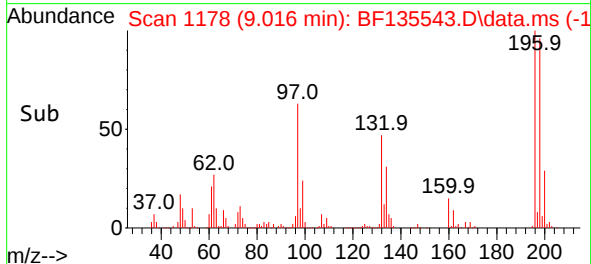
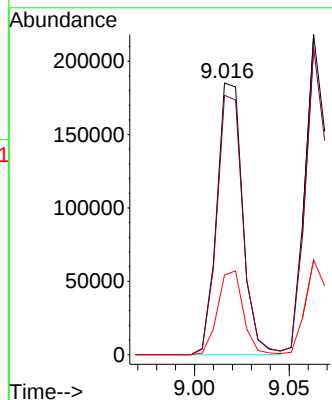
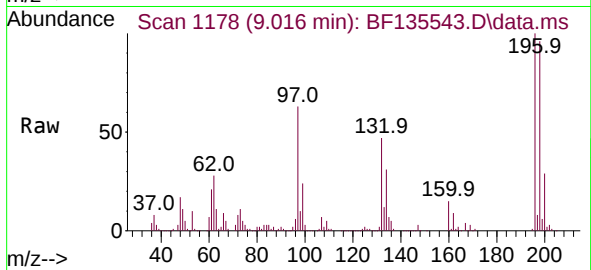
Tgt Ion:196 Resp: 176568

Ion Ratio Lower Upper

196 100

198 95.5 77.0 115.6

200 29.3 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 38.555 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

Tgt Ion:196 Resp: 202900

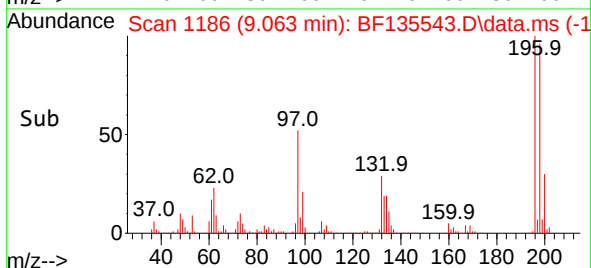
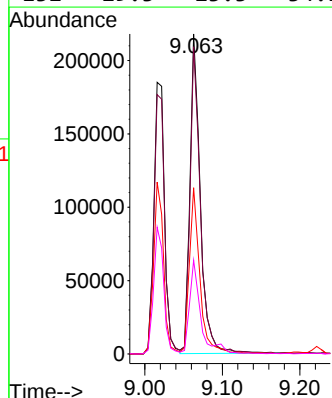
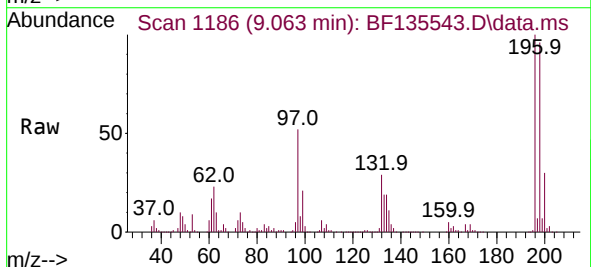
Ion Ratio Lower Upper

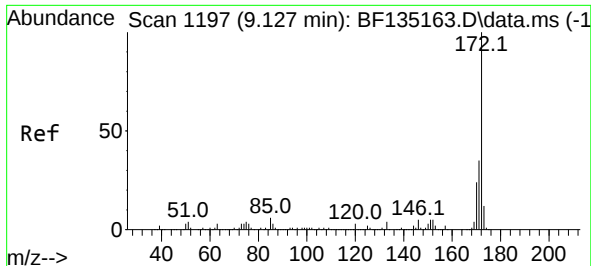
196 100

198 96.0 77.5 116.3

97 52.0 40.5 60.7

132 29.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 73.729 ng

RT: 9.098 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

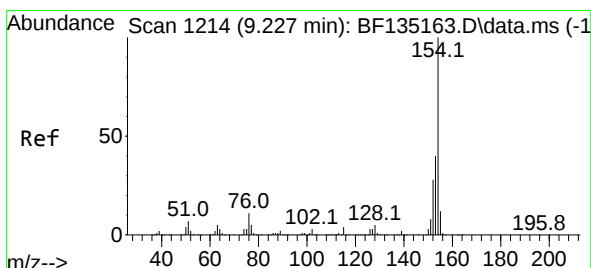
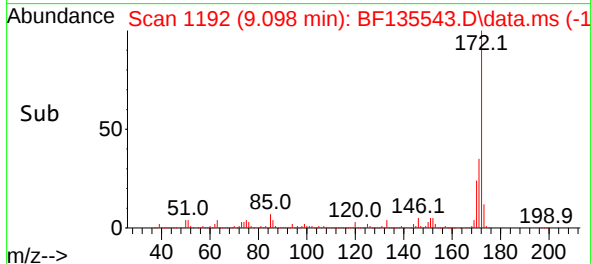
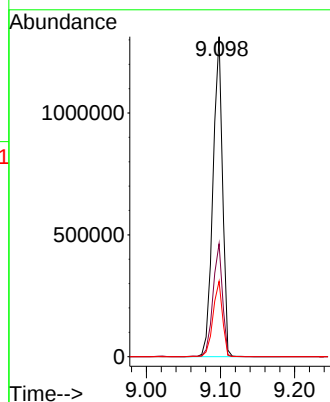
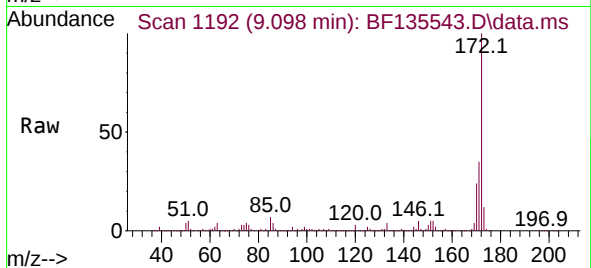
Tgt Ion:172 Resp: 1177298

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 39.634 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

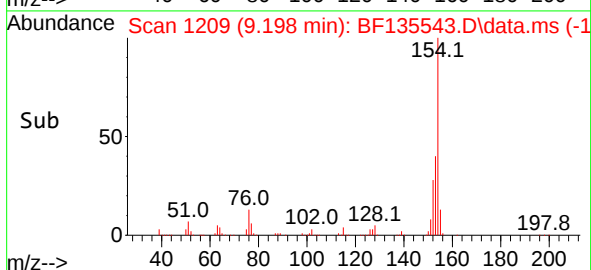
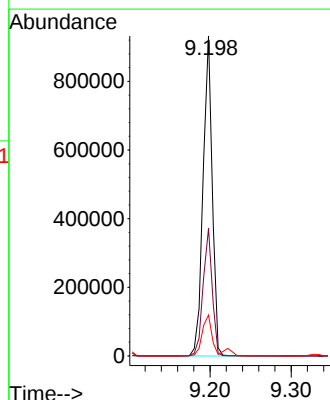
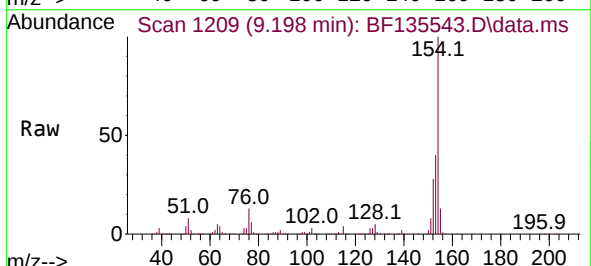
Tgt Ion:154 Resp: 733772

Ion Ratio Lower Upper

154 100

153 39.9 19.6 59.6

76 12.8 0.0 31.0





#47

2-Chloronaphthalene

Concen: 39.631 ng

RT: 9.222 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

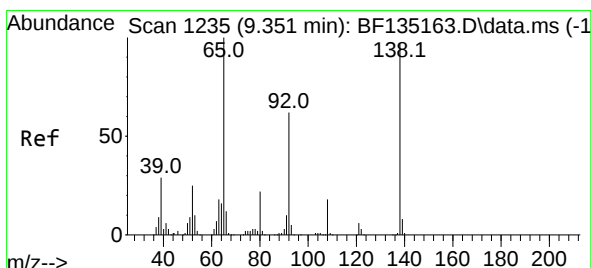
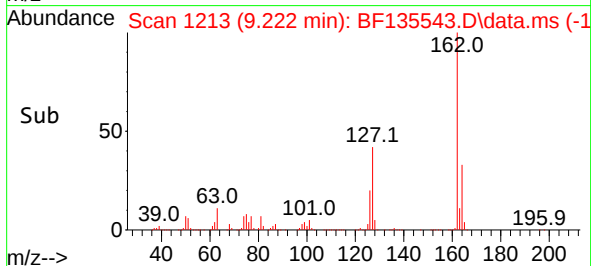
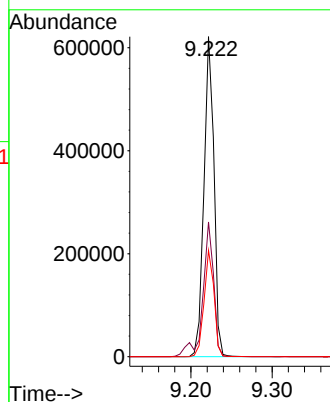
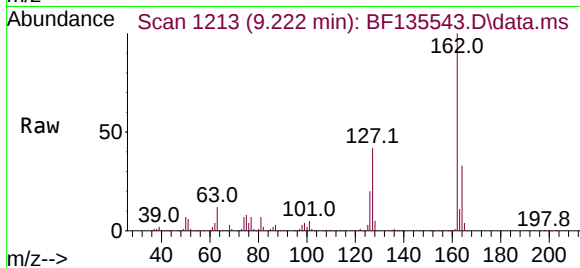
Tgt Ion:162 Resp: 532355

Ion Ratio Lower Upper

162 100

127 42.1 32.6 48.8

164 33.2 26.2 39.2



#48

2-Nitroaniline

Concen: 42.129 ng

RT: 9.328 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

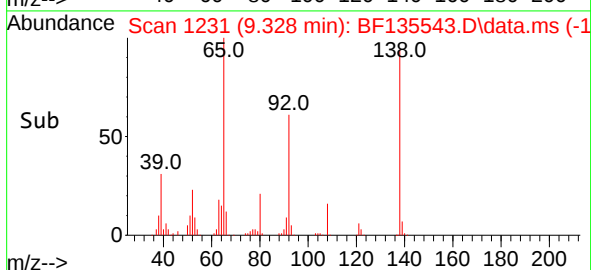
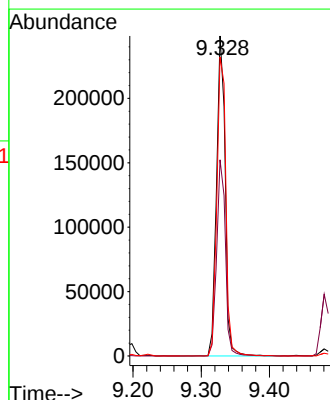
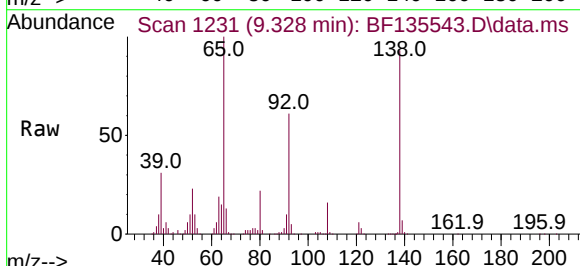
Tgt Ion: 65 Resp: 219855

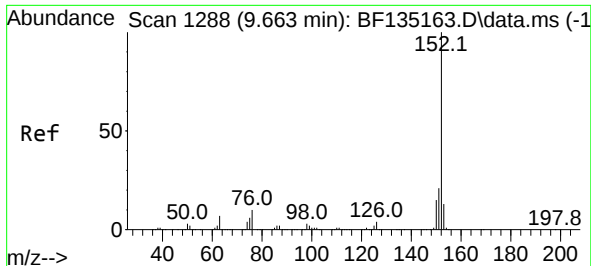
Ion Ratio Lower Upper

65 100

92 61.3 49.4 74.0

138 93.4 77.4 116.0





#49

Acenaphthylene

Concen: 38.412 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

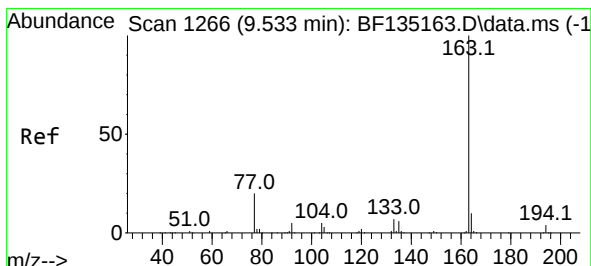
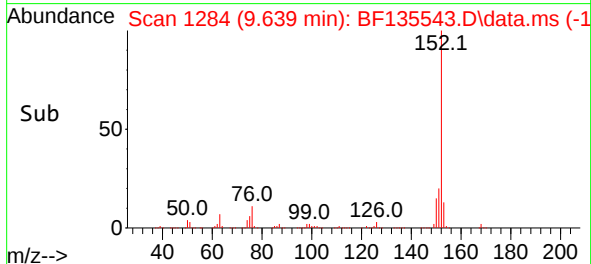
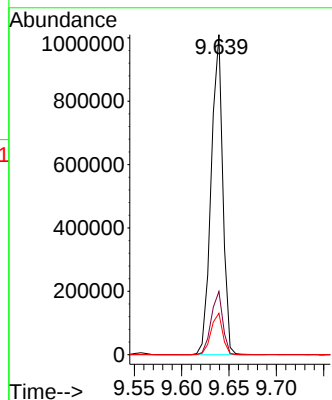
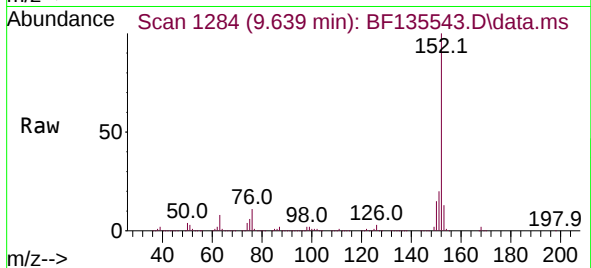
Tgt Ion:152 Resp: 857520

Ion Ratio Lower Upper

152 100

151 19.8 16.4 24.6

153 12.9 10.4 15.6



#50

Dimethylphthalate

Concen: 38.812 ng

RT: 9.504 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

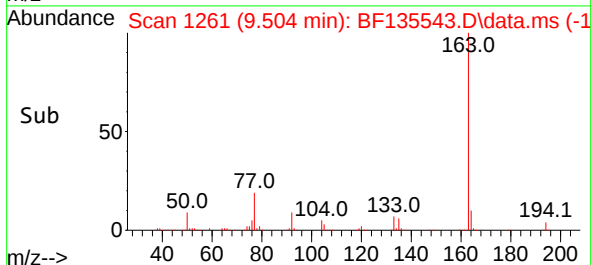
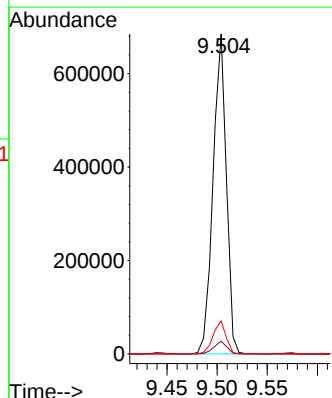
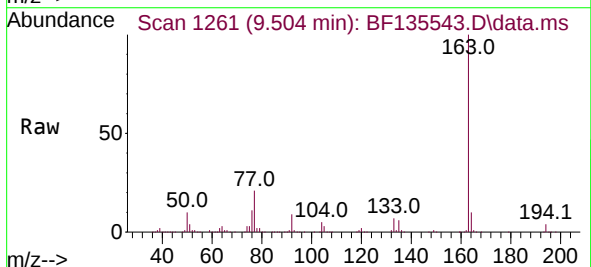
Tgt Ion:163 Resp: 632175

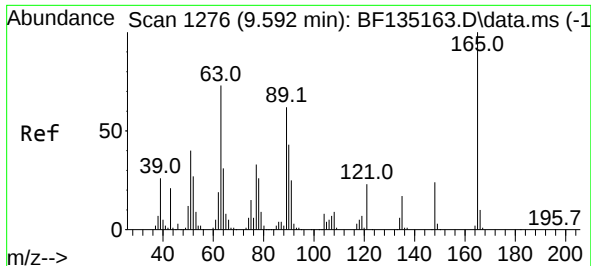
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 39.846 ng

RT: 9.575 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

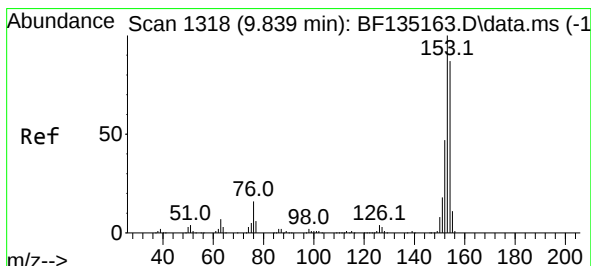
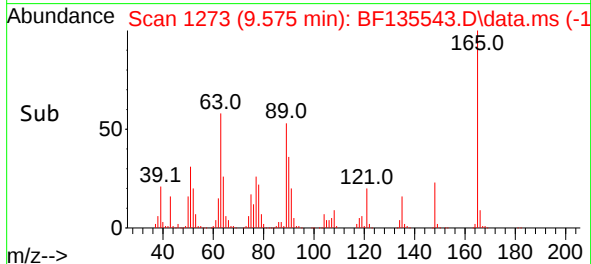
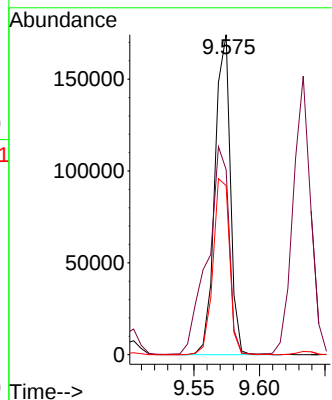
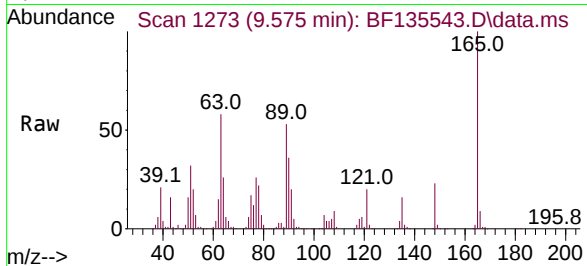
Tgt Ion:165 Resp: 142179

Ion Ratio Lower Upper

165 100

63 57.9 59.4 89.2#

89 52.9 49.8 74.8



#52

Acenaphthene

Concen: 39.708 ng

RT: 9.810 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

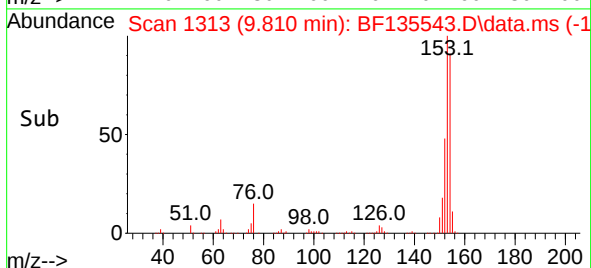
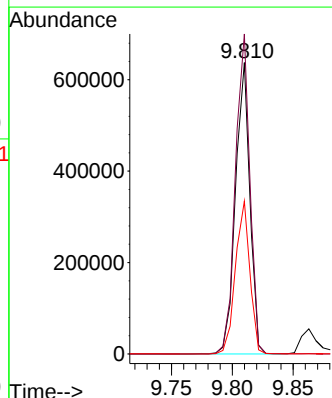
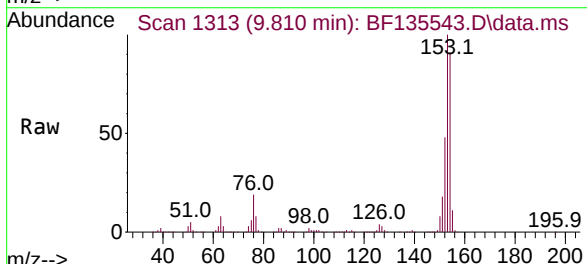
Tgt Ion:154 Resp: 523670

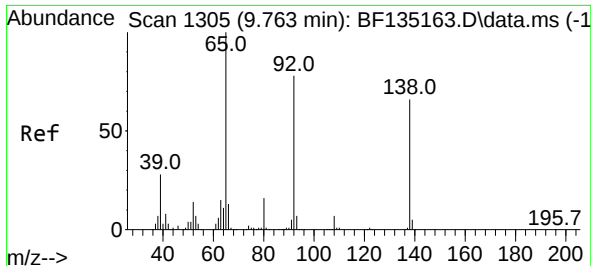
Ion Ratio Lower Upper

154 100

153 109.9 92.1 138.1

152 52.5 43.1 64.7

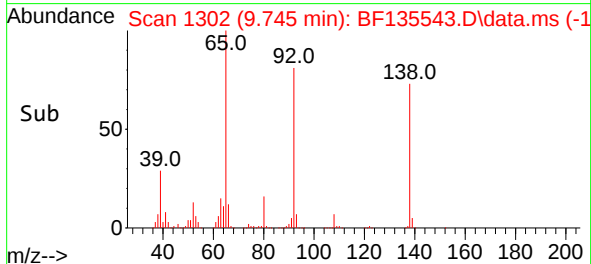
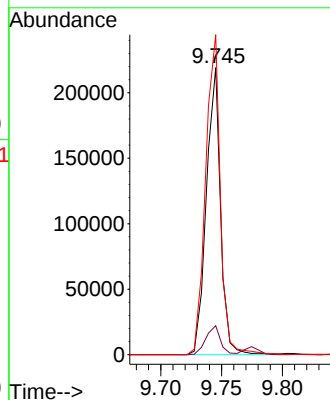
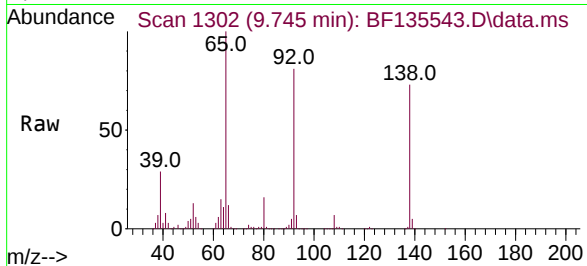




#53
3-Nitroaniline
Concen: 42.498 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

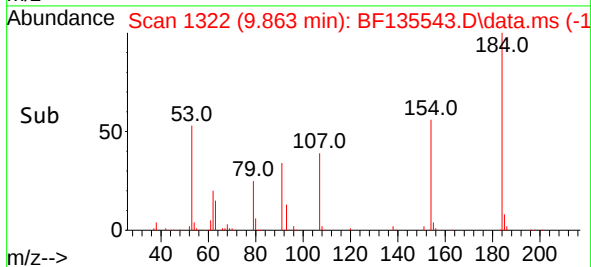
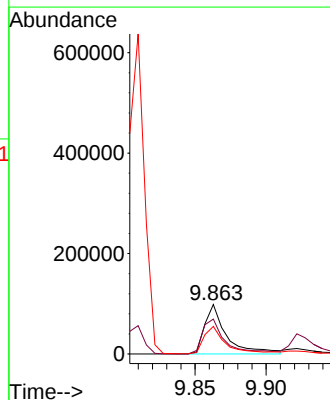
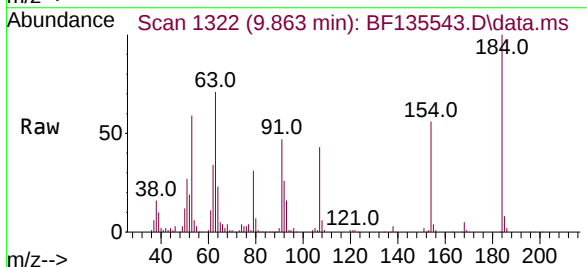
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

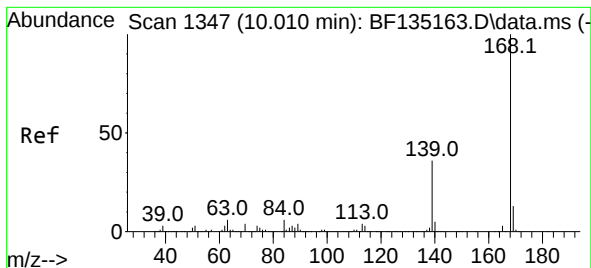
Tgt Ion:138 Resp: 178002
Ion Ratio Lower Upper
138 100
108 10.1 8.5 12.7
92 111.5 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 54.329 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion:184 Resp: 105646
Ion Ratio Lower Upper
184 100
63 70.5 55.1 82.7
154 55.8 48.4 72.6





#55

Dibenzenofuran

Concen: 37.505 ng

RT: 9.986 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

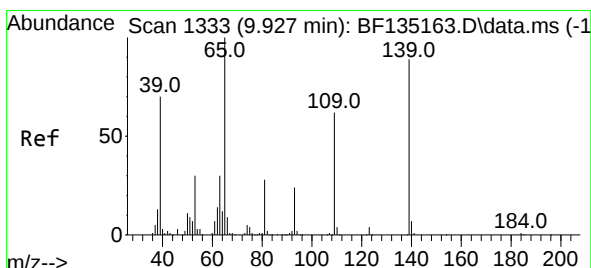
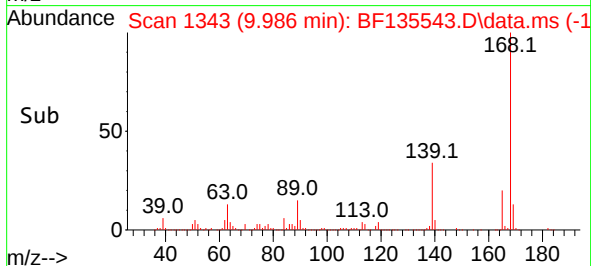
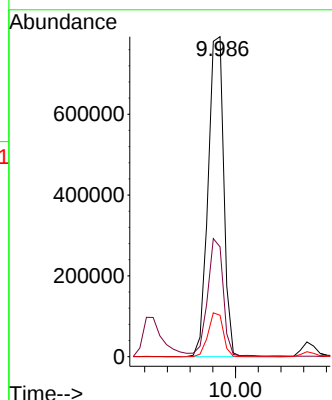
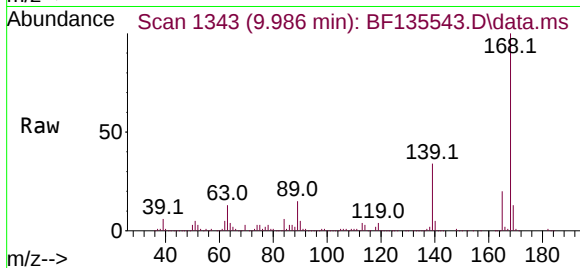
Tgt Ion:168 Resp: 754766

Ion Ratio Lower Upper

168 100

139 34.3 29.0 43.6

169 12.9 10.4 15.6



#56

4-Nitrophenol

Concen: 44.612 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

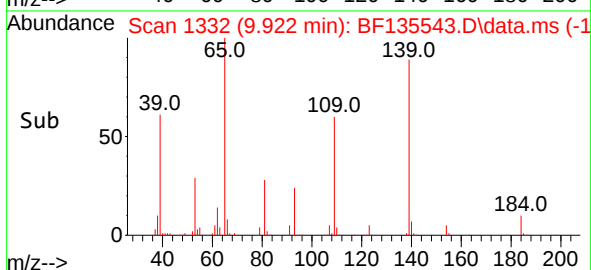
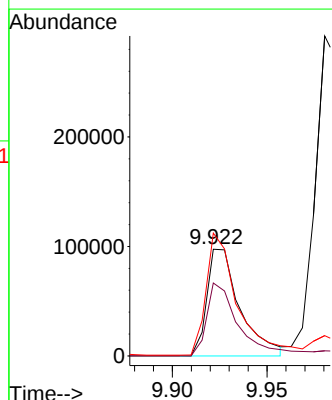
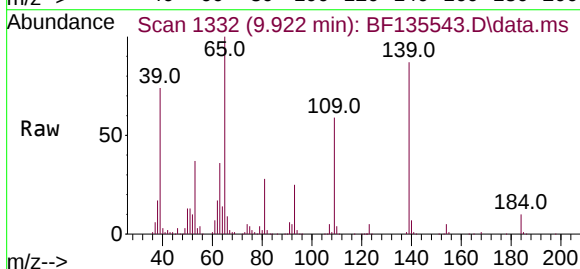
Tgt Ion:139 Resp: 118757

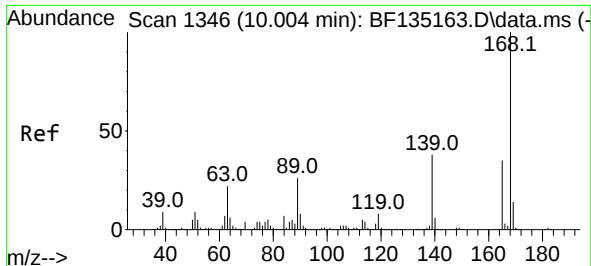
Ion Ratio Lower Upper

139 100

109 68.3 49.8 89.8

65 115.1 92.7 132.7

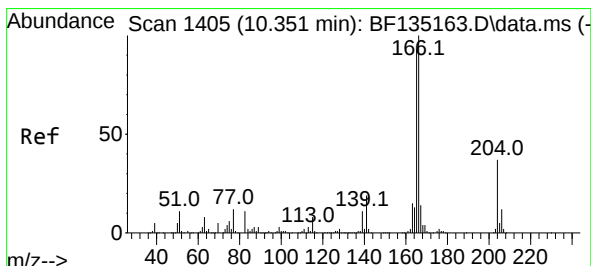
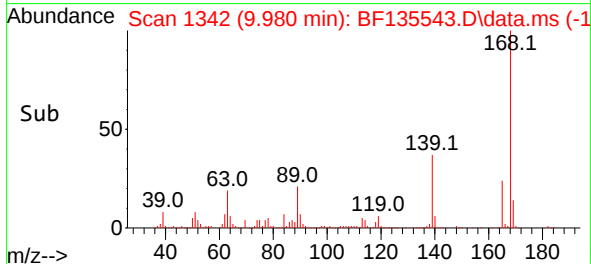
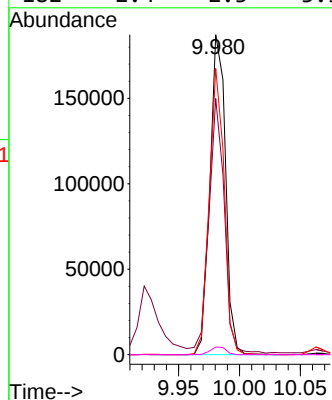
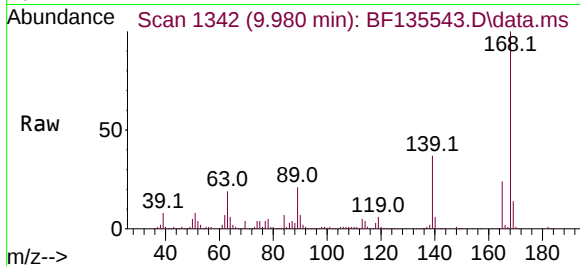




#57
2,4-Dinitrotoluene
Concen: 37.337 ng
RT: 9.980 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

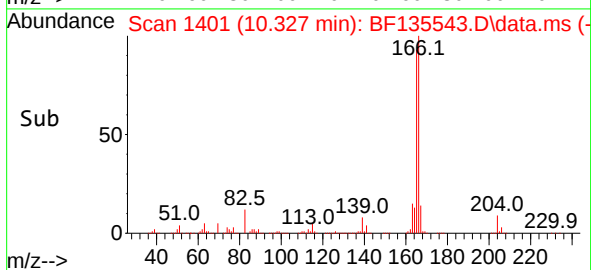
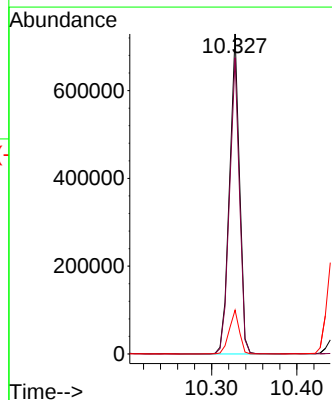
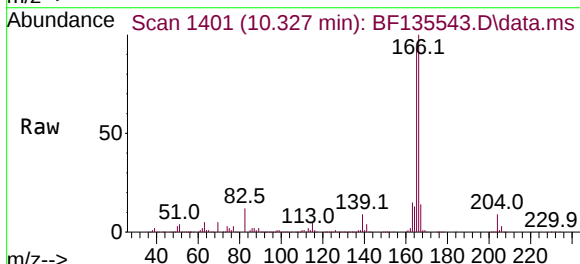
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 166785
Ion Ratio Lower Upper
165 100
63 80.0 50.1 75.1#
89 89.4 59.3 88.9#
182 2.4 2.3 3.5



#58
Fluorene
Concen: 38.635 ng
RT: 10.327 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion:166 Resp: 597719
Ion Ratio Lower Upper
166 100
165 92.6 74.3 111.5
167 13.7 10.9 16.3

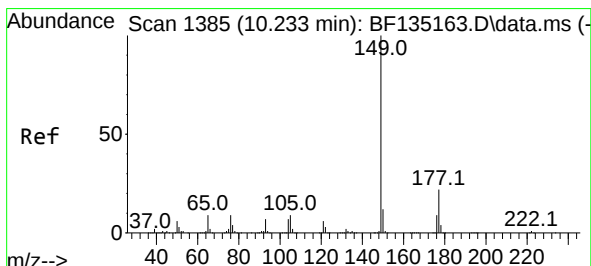
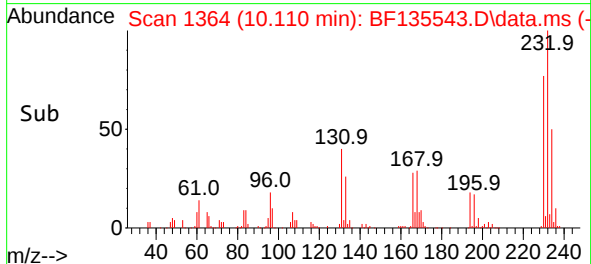
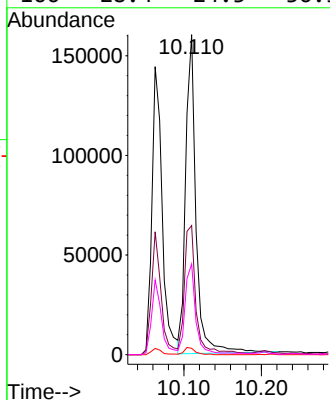
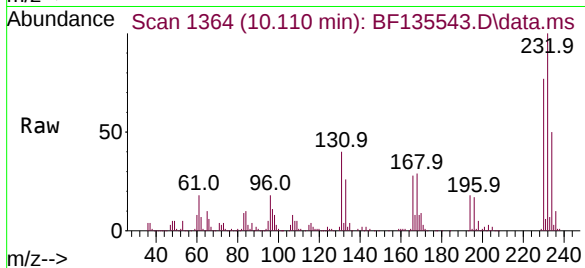




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.593 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

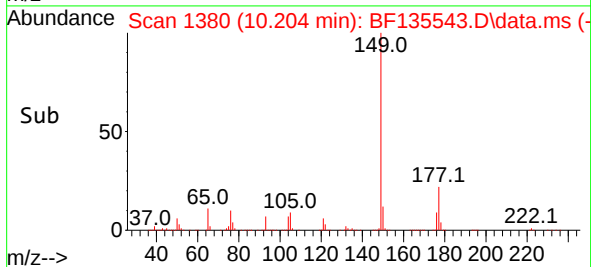
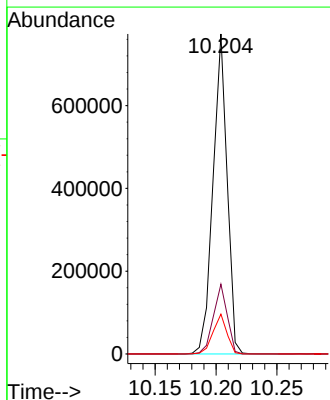
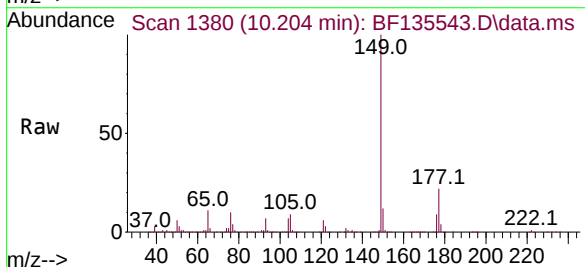
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

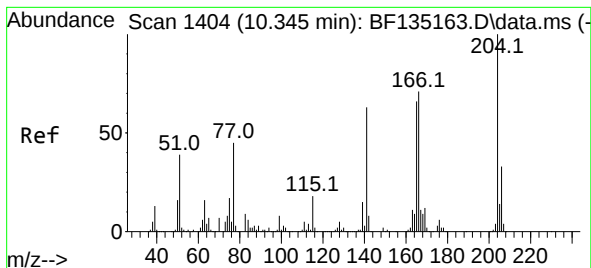
Tgt Ion:232 Resp: 148134
Ion Ratio Lower Upper
232 100
131 44.7 35.4 53.2
130 2.4 1.8 2.8
166 28.4 24.3 36.5



#60
Diethylphthalate
Concen: 38.027 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion:149 Resp: 621619
Ion Ratio Lower Upper
149 100
177 21.8 17.8 26.6
150 12.5 10.0 15.0

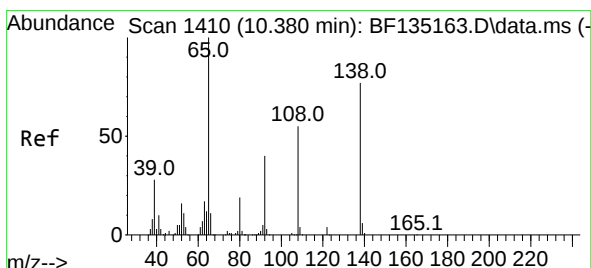
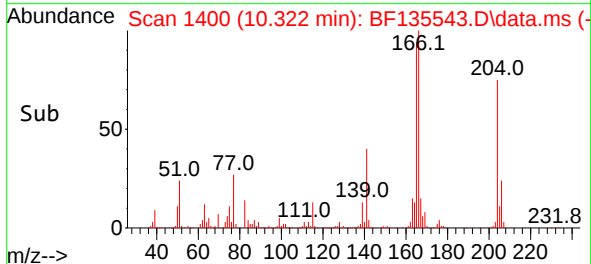
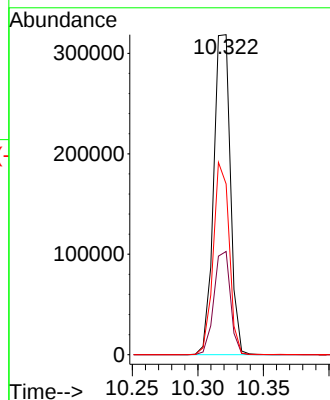
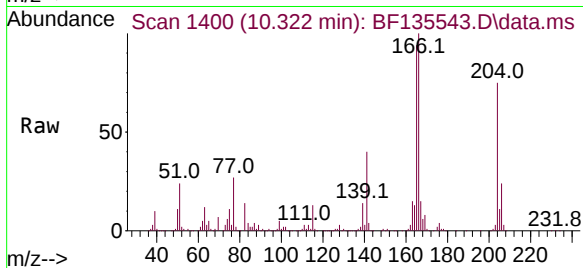




#61
4-Chlorophenyl-phenylether
Concen: 38.085 ng
RT: 10.322 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

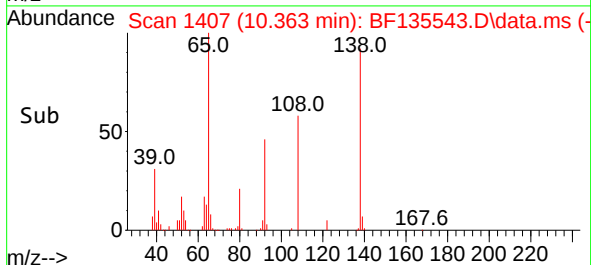
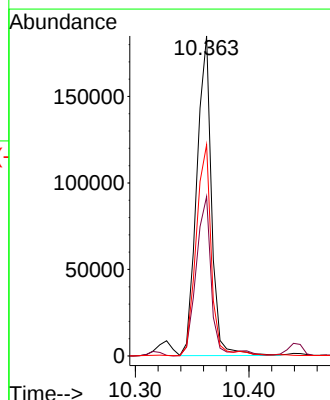
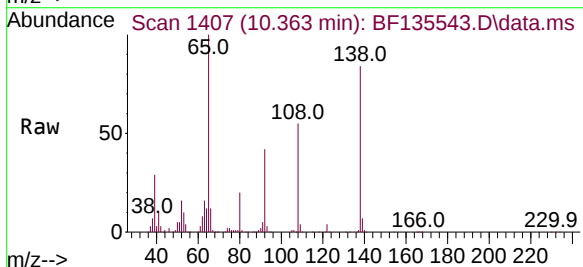
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

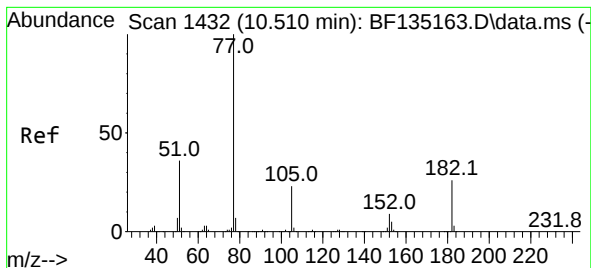
Tgt Ion:204 Resp: 283039
Ion Ratio Lower Upper
204 100
206 32.3 26.7 40.1
141 53.4 50.6 75.8



#62
4-Nitroaniline
Concen: 41.411 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion:138 Resp: 166724
Ion Ratio Lower Upper
138 100
92 49.8 31.8 71.8
108 66.0 52.0 92.0





#63

Azobenzene

Concen: 40.597 ng

RT: 10.480 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 649487

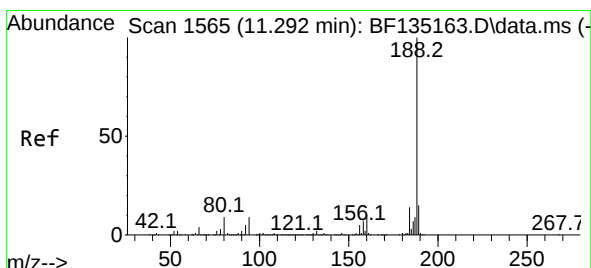
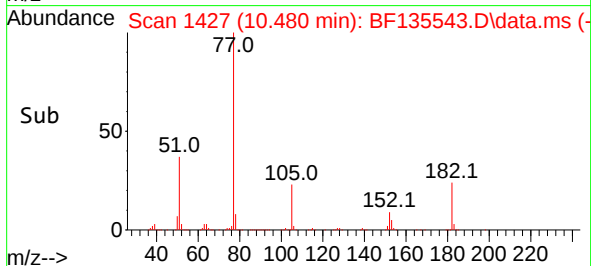
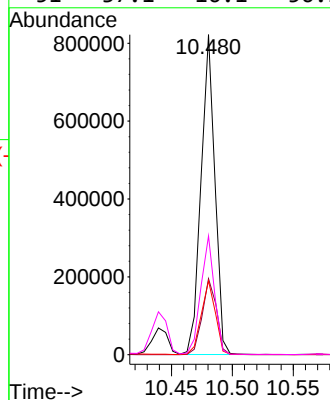
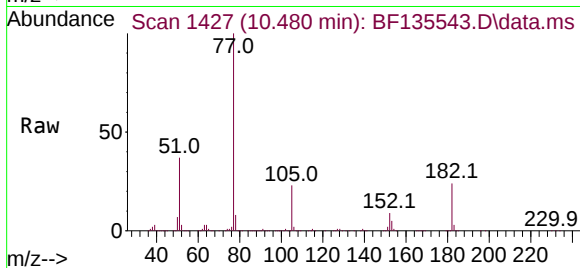
Ion Ratio Lower Upper

77 100

182 23.8 6.4 46.4

105 23.1 3.1 43.1

51 37.1 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

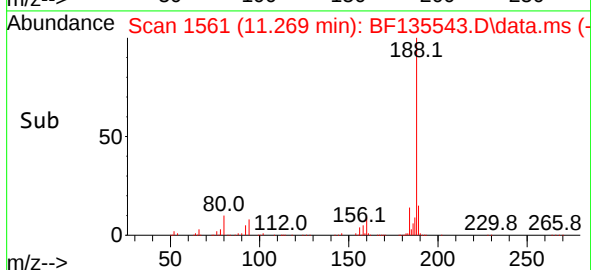
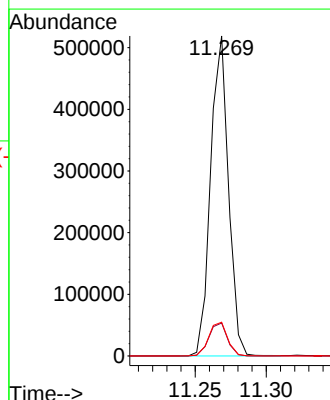
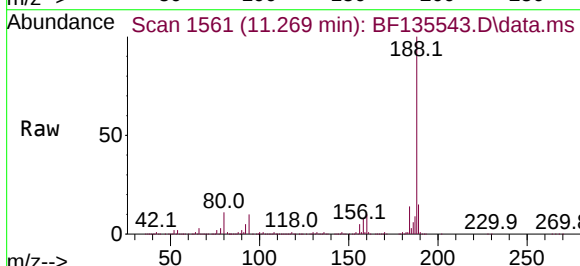
Tgt Ion: 188 Resp: 455133

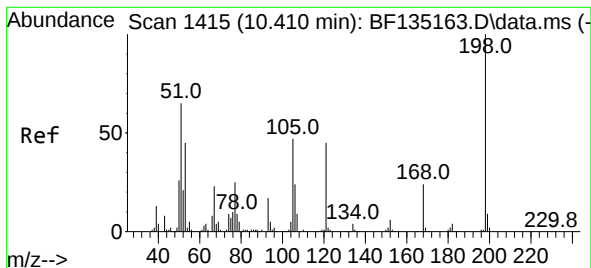
Ion Ratio Lower Upper

188 100

94 10.3 7.0 10.6

80 10.6 7.5 11.3

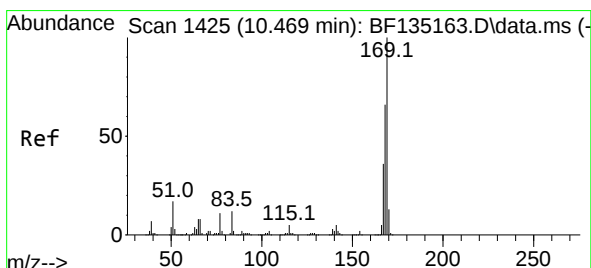
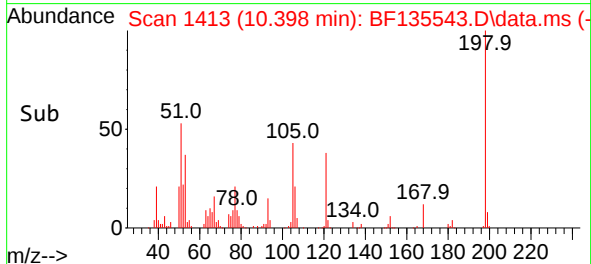
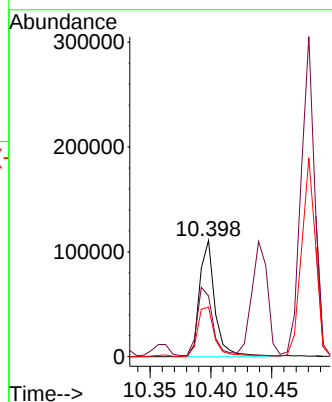
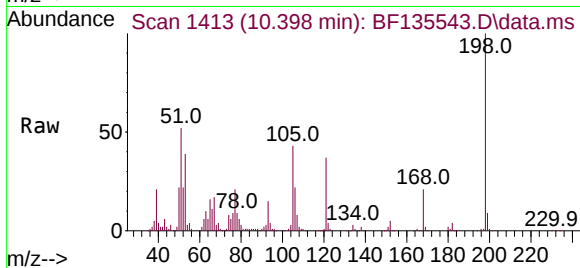




#65
4,6-Dinitro-2-methylphenol
Concen: 40.386 ng
RT: 10.398 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

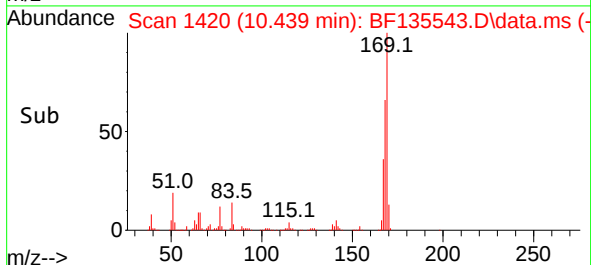
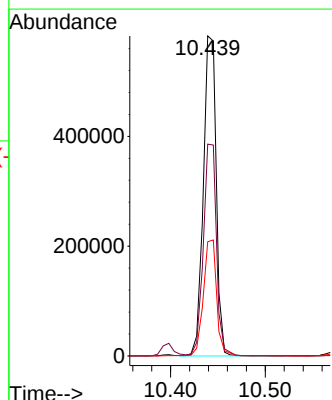
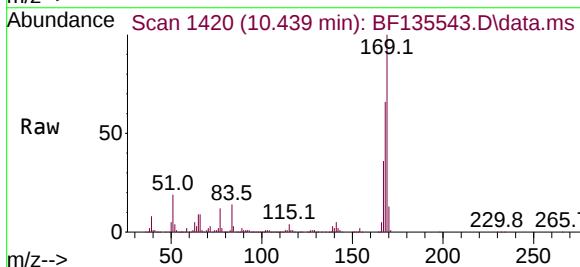
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

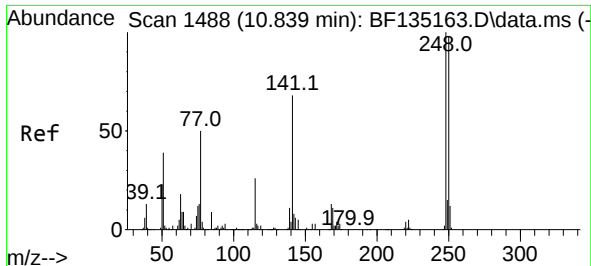
Tgt Ion:198 Resp: 97628
Ion Ratio Lower Upper
198 100
51 52.3 47.7 87.7
105 42.7 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 40.117 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion:169 Resp: 552772
Ion Ratio Lower Upper
169 100
168 66.2 52.8 79.2
167 35.7 29.0 43.6

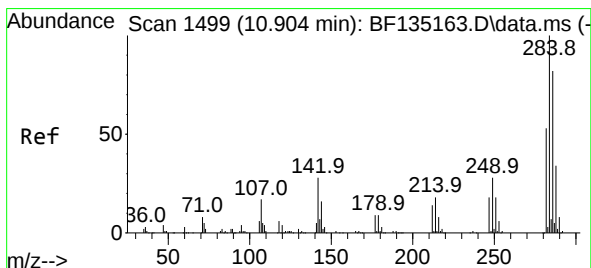
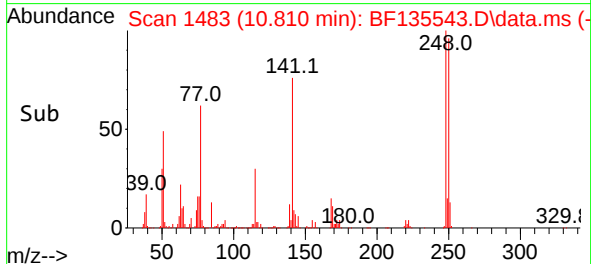
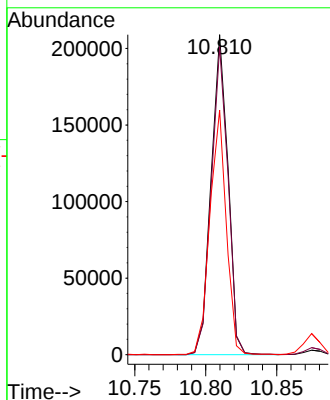
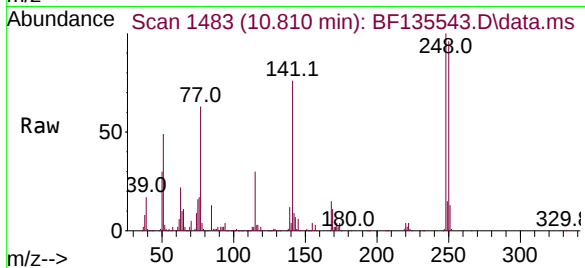




#67
4-Bromophenyl-phenylether
Concen: 37.906 ng
RT: 10.810 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

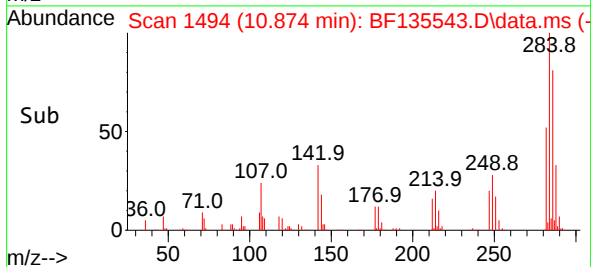
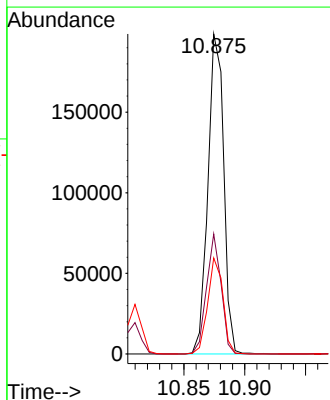
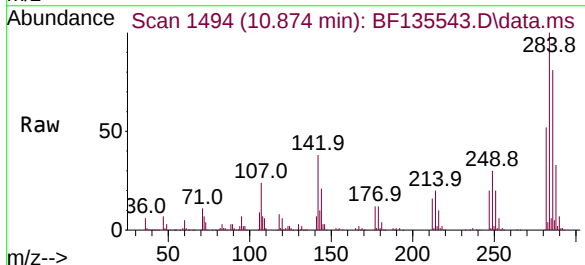
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

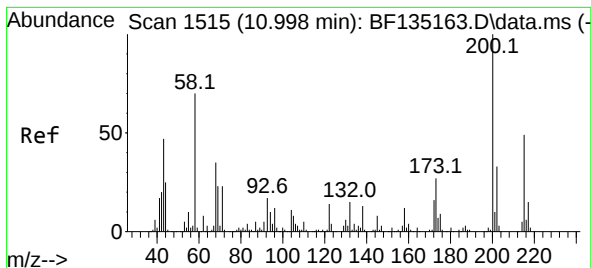
Tgt Ion:248 Resp: 171585
Ion Ratio Lower Upper
248 100
250 96.2 78.6 117.8
141 76.5 54.2 81.2



#68
Hexachlorobenzene
Concen: 38.700 ng
RT: 10.874 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion:284 Resp: 178468
Ion Ratio Lower Upper
284 100
142 37.5 22.2 33.4#
249 30.0 22.5 33.7





#69

Atrazine

Concen: 36.660 ng

RT: 10.974 min Scan# 1511

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

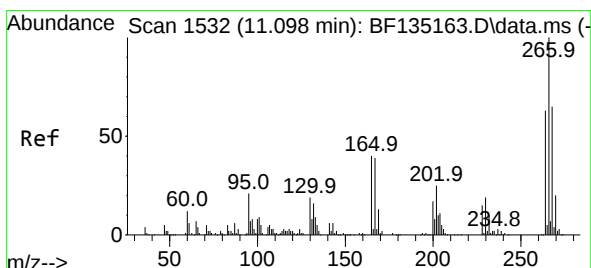
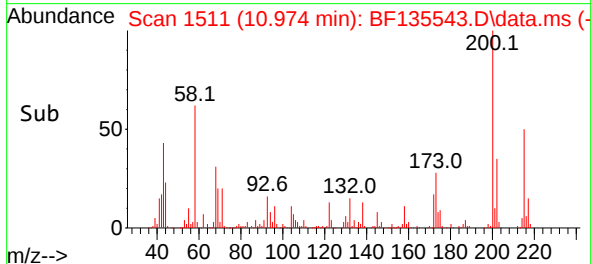
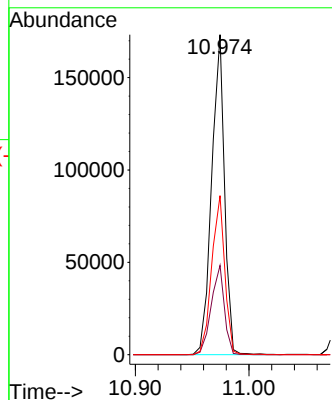
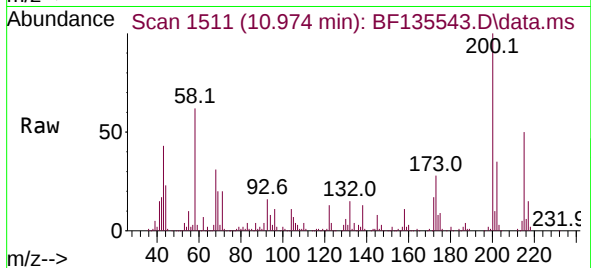
Tgt Ion:200 Resp: 135919

Ion Ratio Lower Upper

200 100

173 27.9 7.4 47.4

215 49.7 28.6 68.6



#70

Pentachlorophenol

Concen: 40.762 ng

RT: 11.080 min Scan# 1529

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

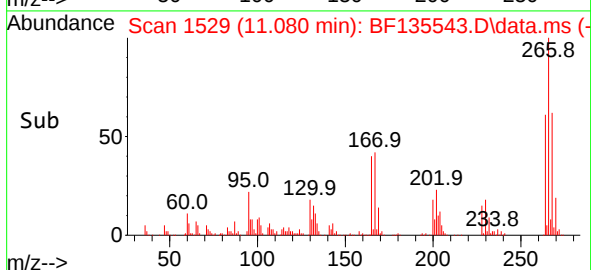
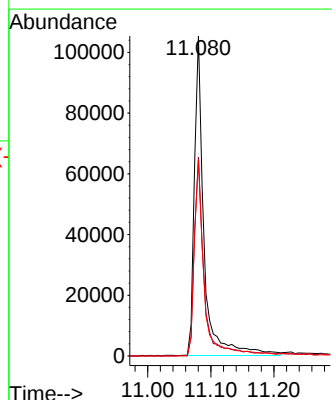
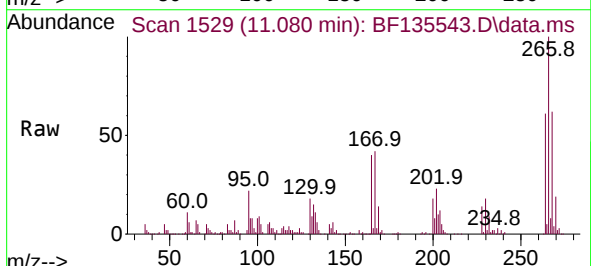
Tgt Ion:266 Resp: 112467

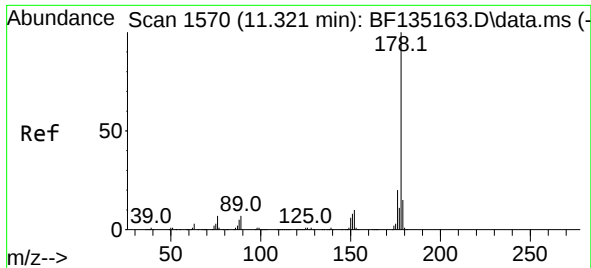
Ion Ratio Lower Upper

266 100

268 62.1 52.1 78.1

264 61.3 50.8 76.2

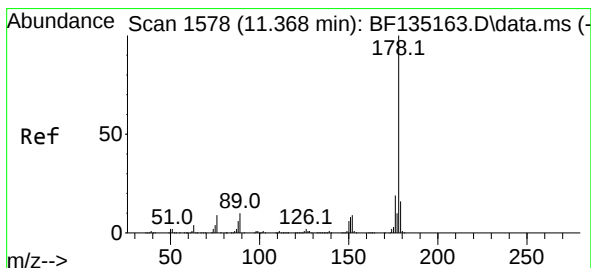
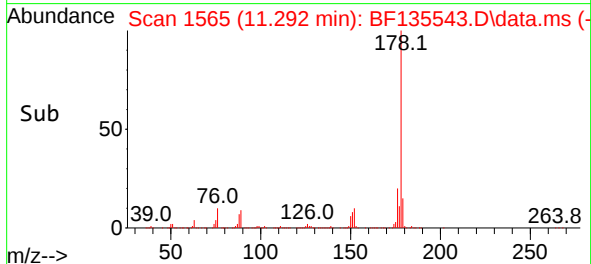
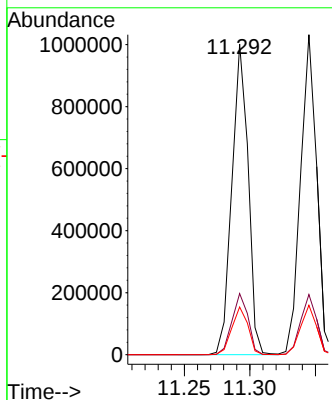
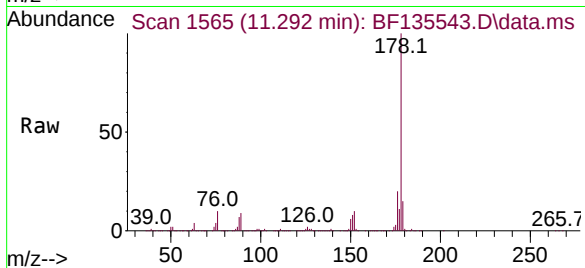




#71
Phenanthrene
Concen: 40.205 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

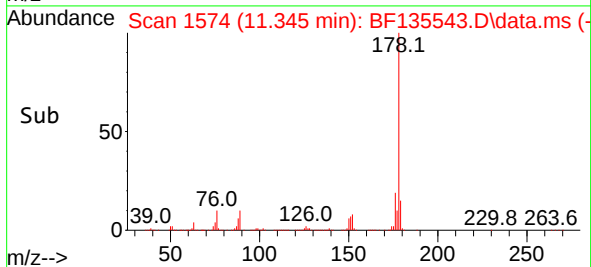
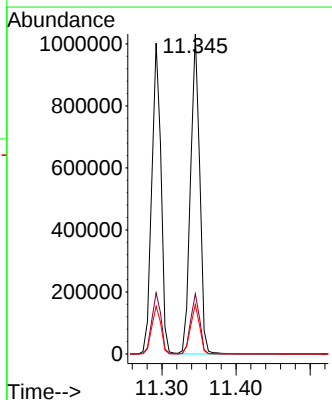
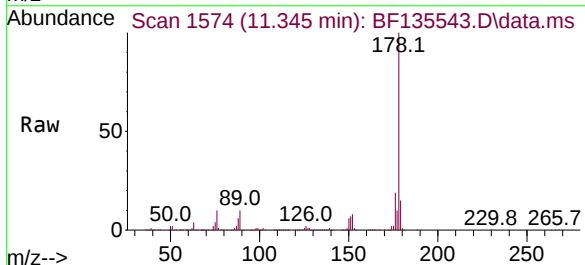
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

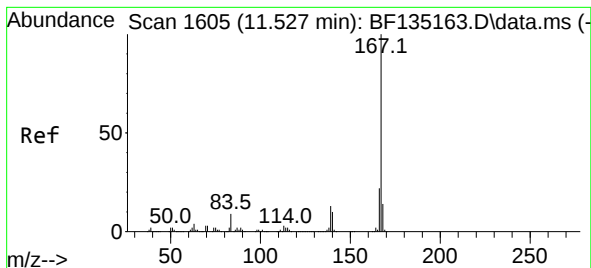
Tgt Ion:178 Resp: 865452
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.4 12.0 18.0



#72
Anthracene
Concen: 40.168 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion:178 Resp: 888765
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.5 12.6 19.0





#73

Carbazole

Concen: 41.398 ng

RT: 11.510 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

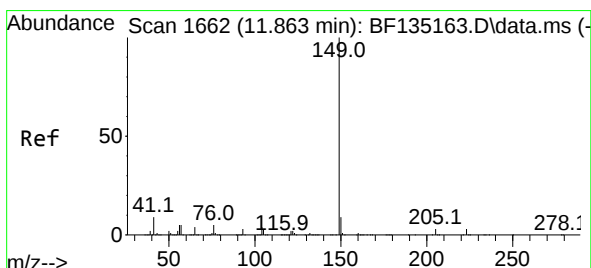
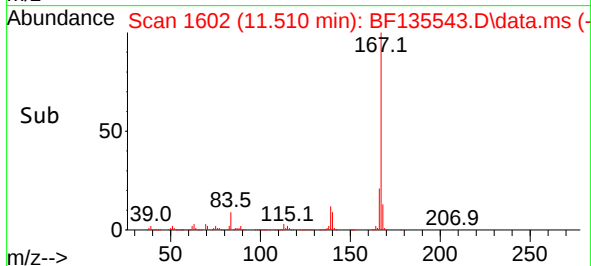
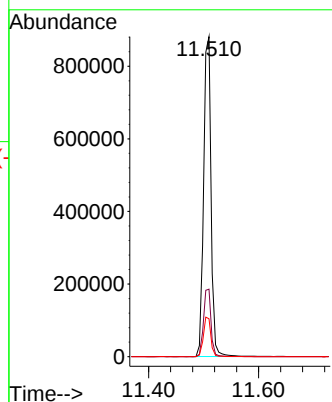
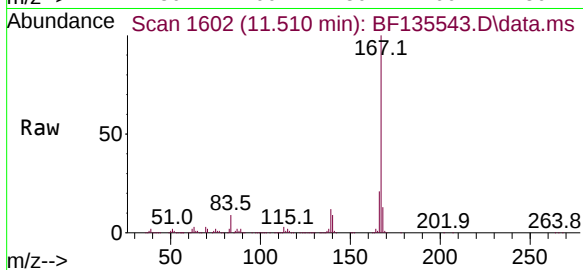
Tgt Ion:167 Resp: 833848

Ion Ratio Lower Upper

167 100

166 21.1 17.4 26.0

139 11.8 10.6 15.8



#74

Di-n-butylphthalate

Concen: 40.952 ng

RT: 11.833 min Scan# 1657

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

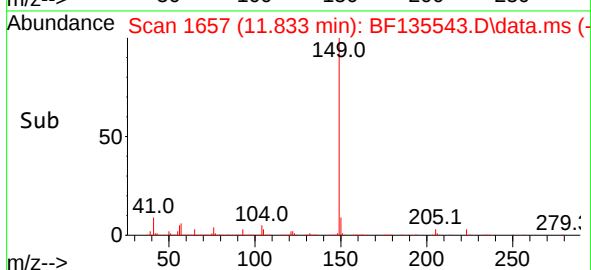
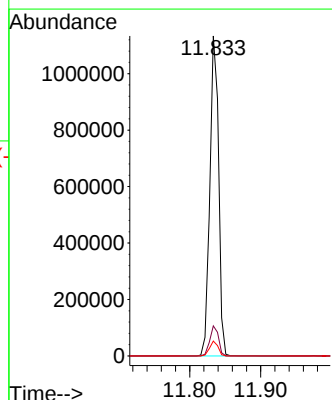
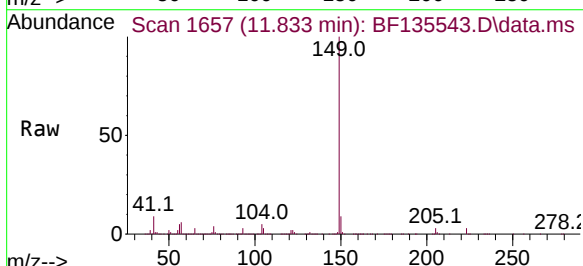
Tgt Ion:149 Resp: 971958

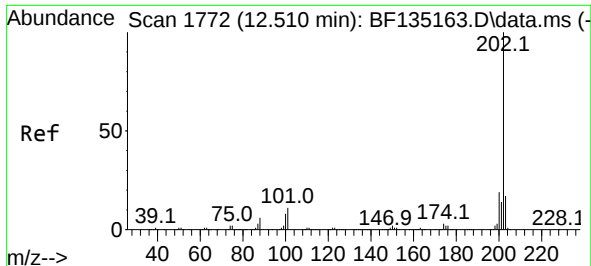
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 4.6 3.6 5.4

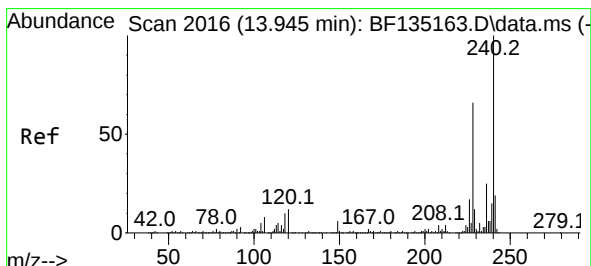
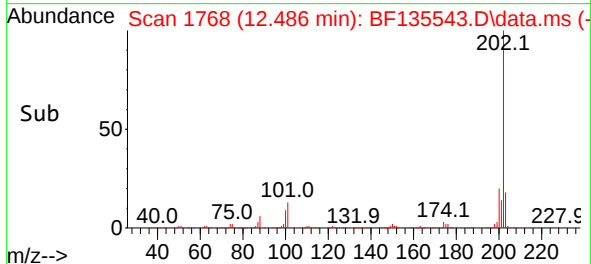
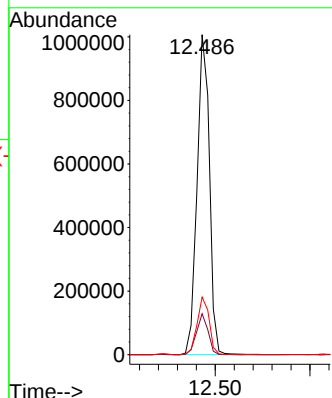
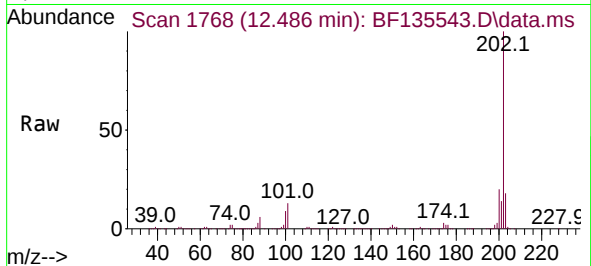




#75
Fluoranthene
Concen: 40.675 ng
RT: 12.486 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

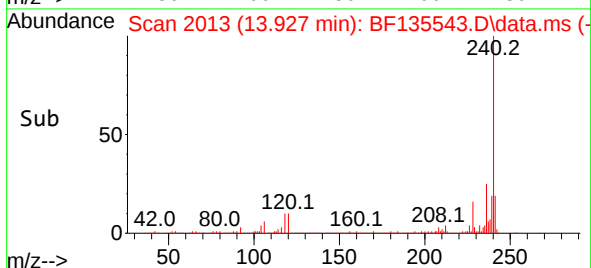
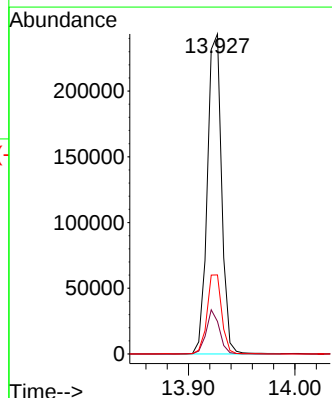
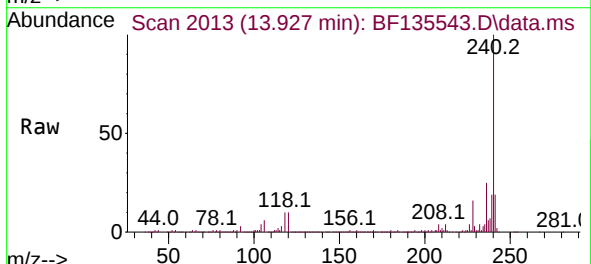
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

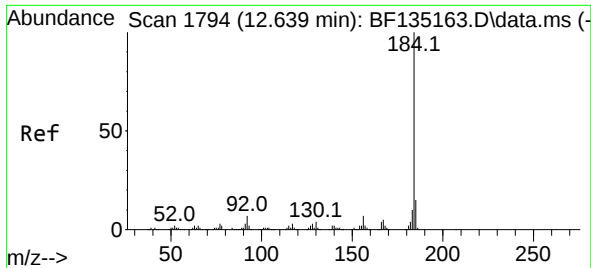
Tgt Ion:202 Resp: 912332
Ion Ratio Lower Upper
202 100
101 12.8 0.0 31.3
203 18.0 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion:240 Resp: 227016
Ion Ratio Lower Upper
240 100
120 10.2 9.4 14.2
236 24.7 19.8 29.8

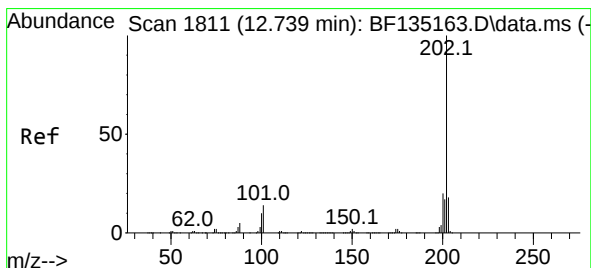
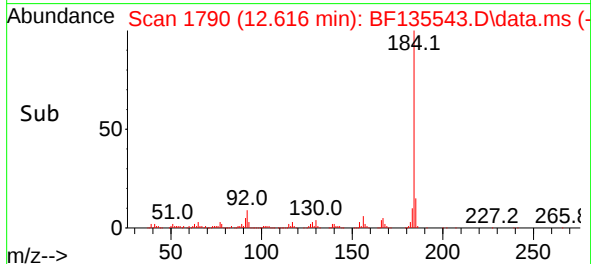
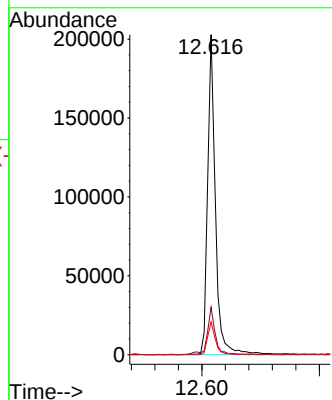
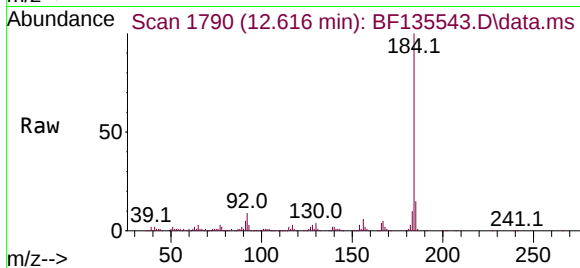




#77
Benzidine
Concen: 40.380 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

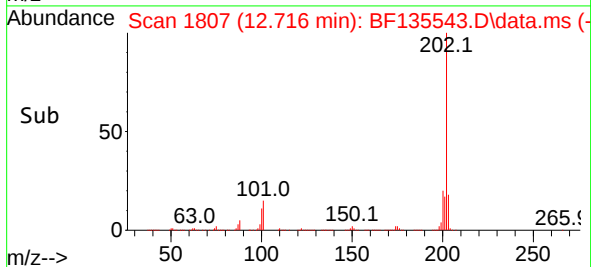
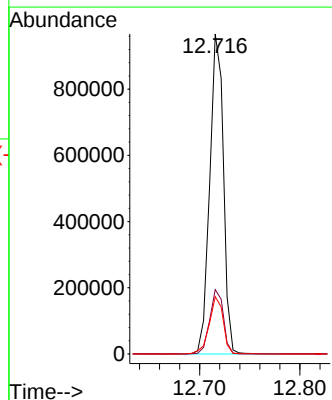
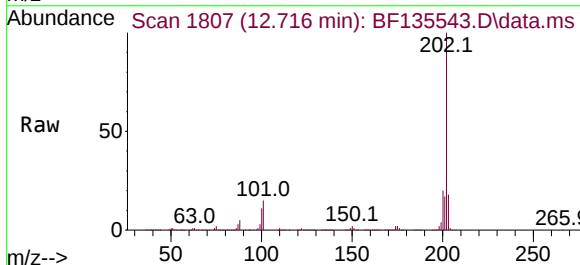
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

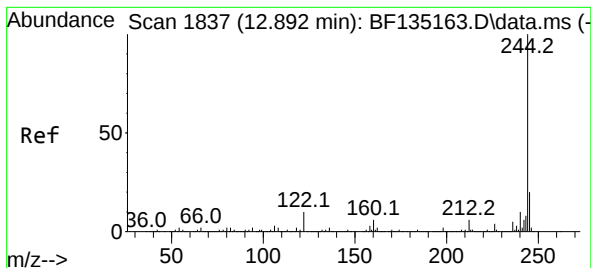
Tgt Ion:184 Resp: 187799
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 10.2 8.2 12.4



#78
Pyrene
Concen: 42.499 ng
RT: 12.716 min Scan# 1807
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion:202 Resp: 918559
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.2
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 78.556 ng

RT: 12.863 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

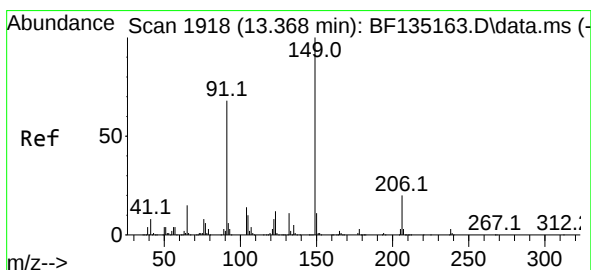
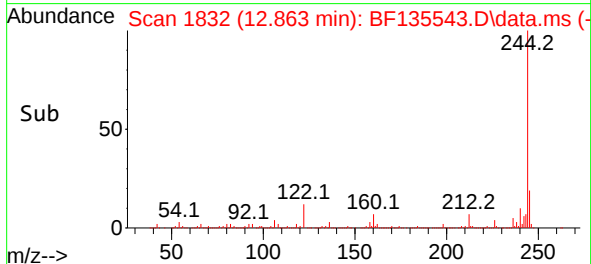
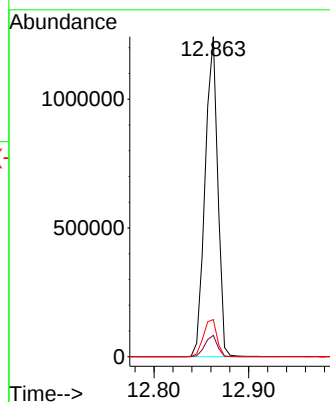
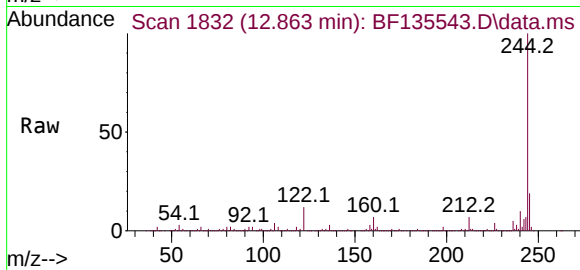
Tgt Ion:244 Resp: 1150407

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 11.6 7.9 11.9



#80

Butylbenzylphthalate

Concen: 46.078 ng

RT: 13.339 min Scan# 1913

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

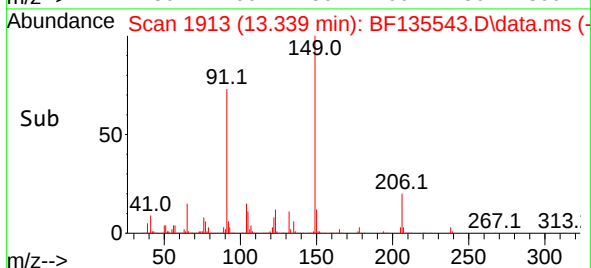
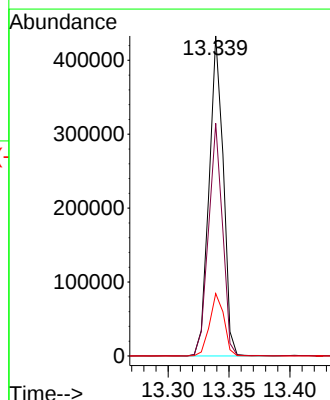
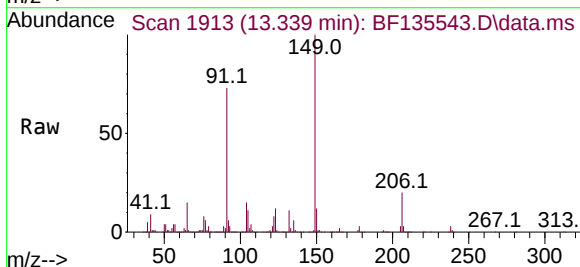
Tgt Ion:149 Resp: 350647

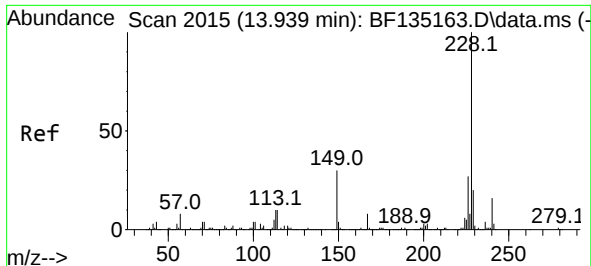
Ion Ratio Lower Upper

149 100

91 72.7 54.7 82.1

206 19.5 16.3 24.5

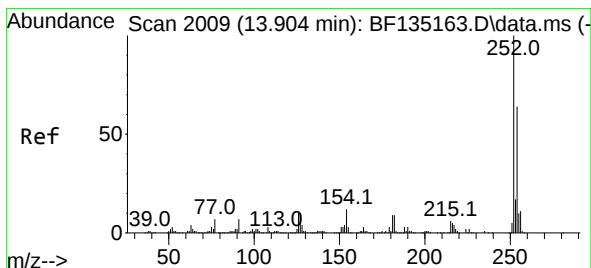
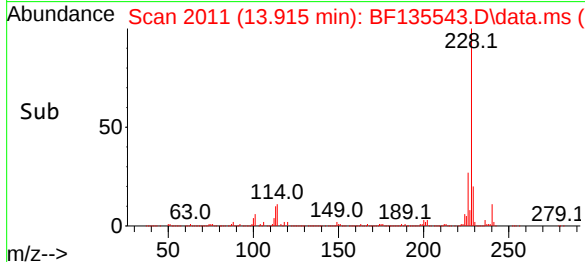
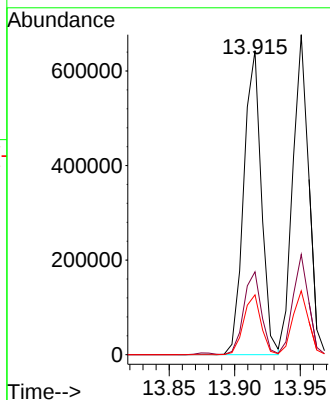
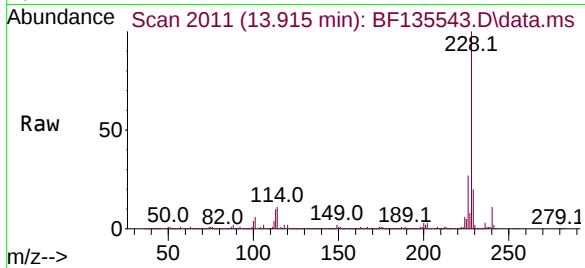




#81
Benzo(a)anthracene
Concen: 40.983 ng
RT: 13.915 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

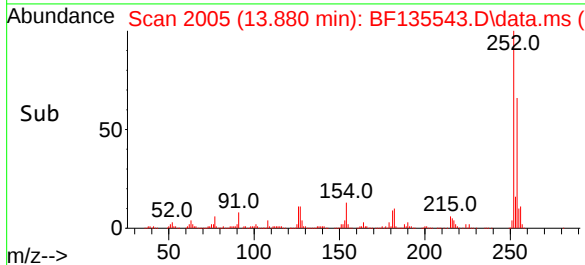
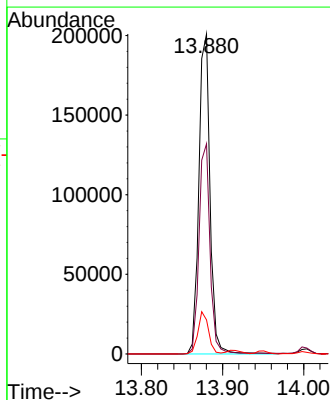
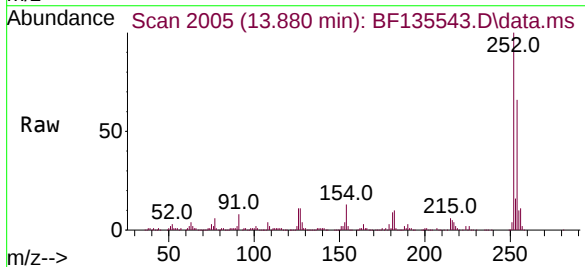
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

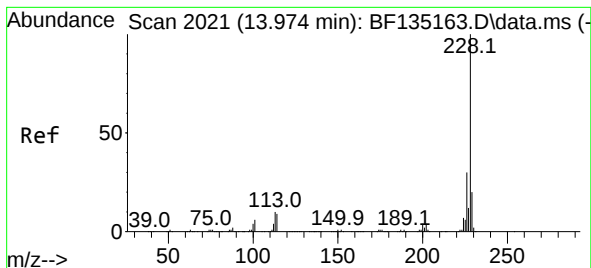
Tgt Ion:228 Resp: 600766
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.7 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 41.894 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion:252 Resp: 191823
Ion Ratio Lower Upper
252 100
254 65.6 51.0 76.4
126 10.6 7.8 11.8





#83

Chrysene

Concen: 39.561 ng

RT: 13.951 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

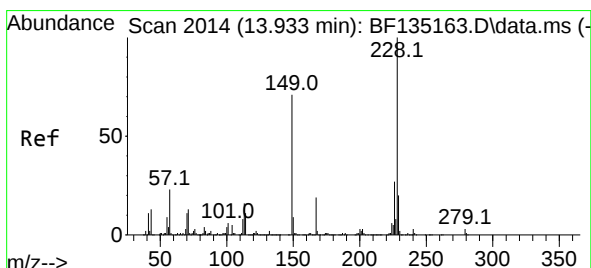
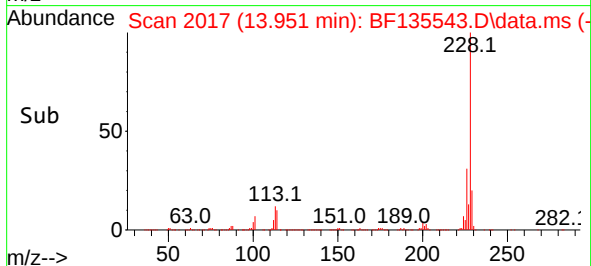
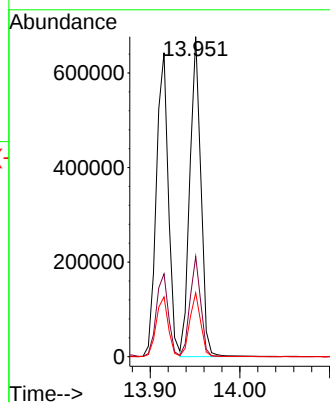
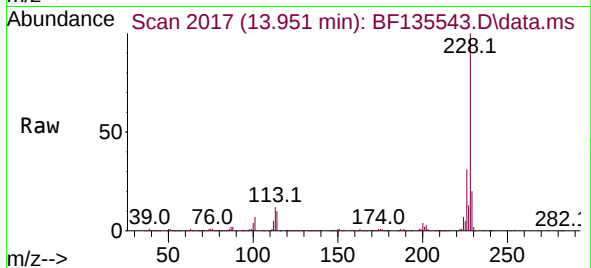
Tgt Ion:228 Resp: 576577

Ion Ratio Lower Upper

228 100

226 31.3 24.3 36.5

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.926 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

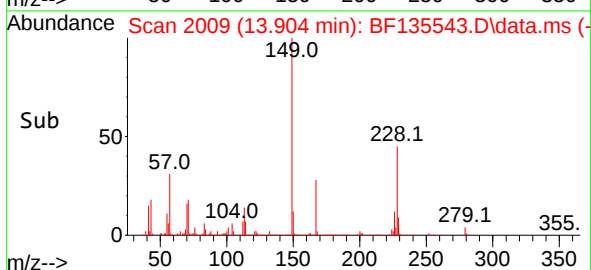
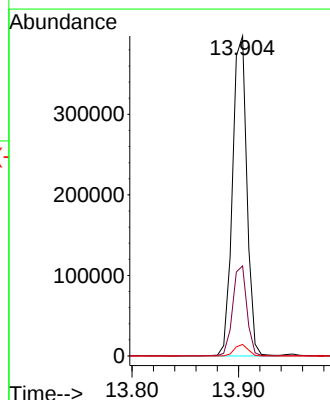
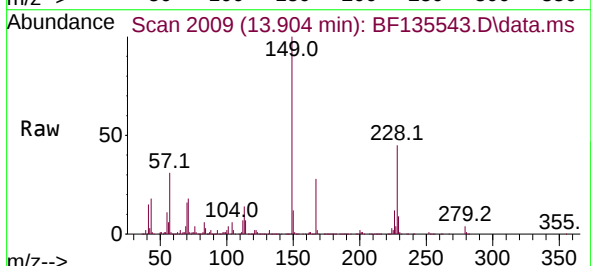
Tgt Ion:149 Resp: 374257

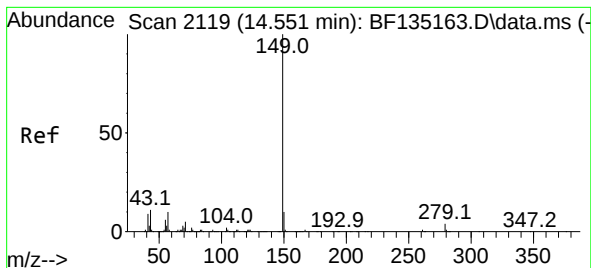
Ion Ratio Lower Upper

149 100

167 28.2 21.9 32.9

279 3.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 41.797 ng

RT: 14.515 min Scan# 2113

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

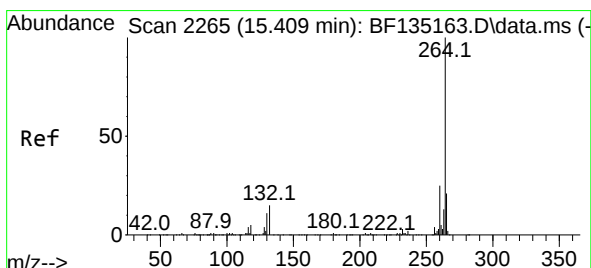
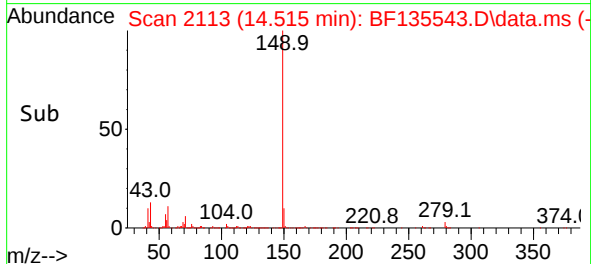
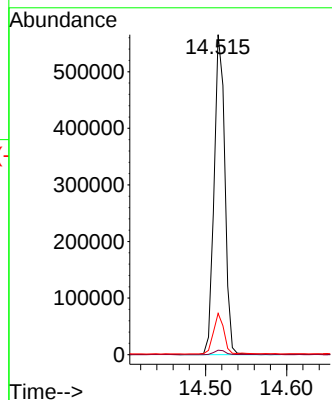
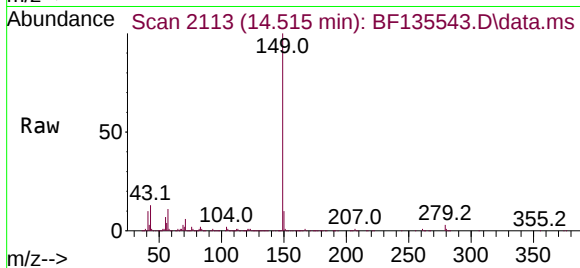
Tgt Ion:149 Resp: 518704

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 12.3 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

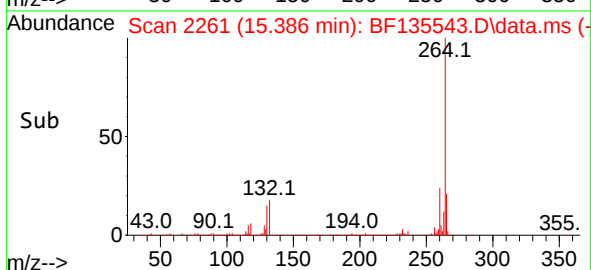
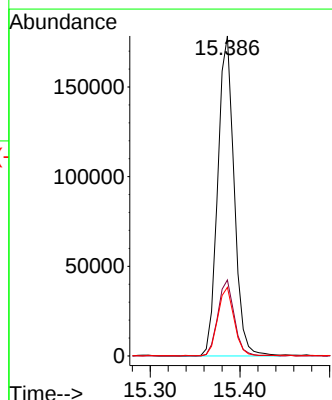
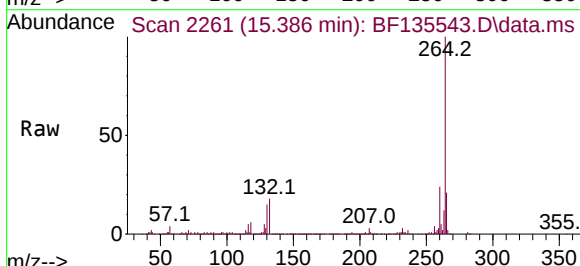
Tgt Ion:264 Resp: 226397

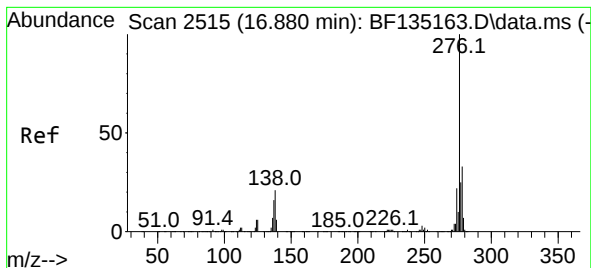
Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.6

265 21.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.706 ng

RT: 16.868 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

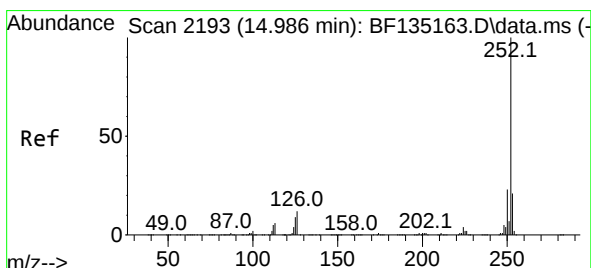
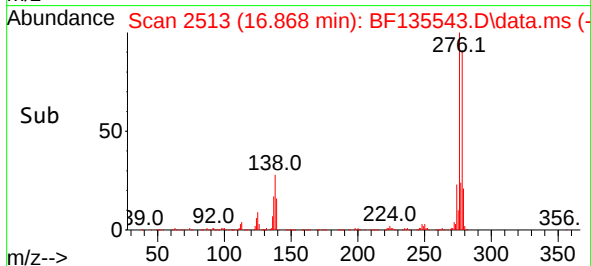
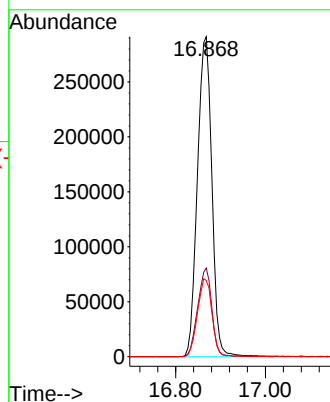
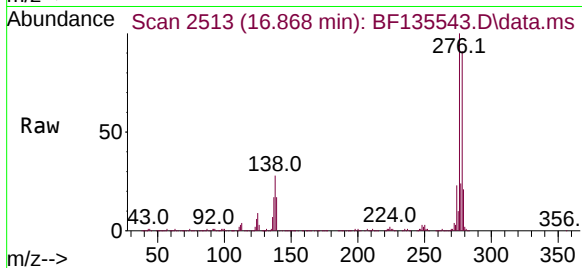
Tgt Ion:276 Resp: 648779

Ion Ratio Lower Upper

276 100

138 27.1 19.2 28.8

277 24.5 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 36.743 ng

RT: 14.962 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

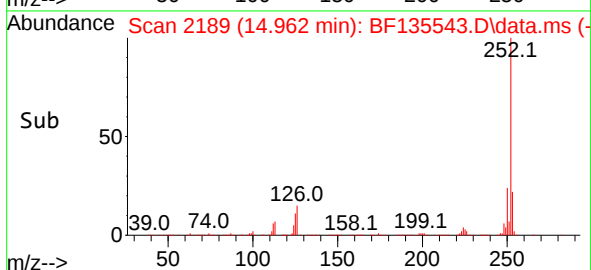
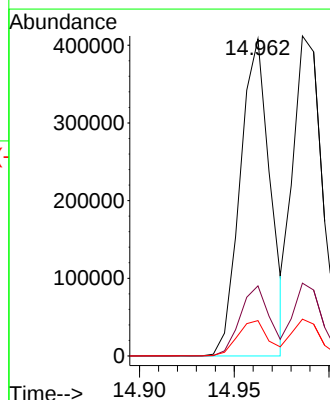
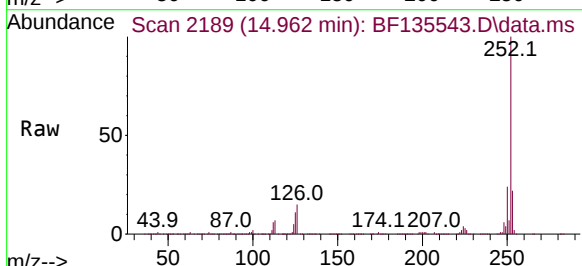
Tgt Ion:252 Resp: 450315

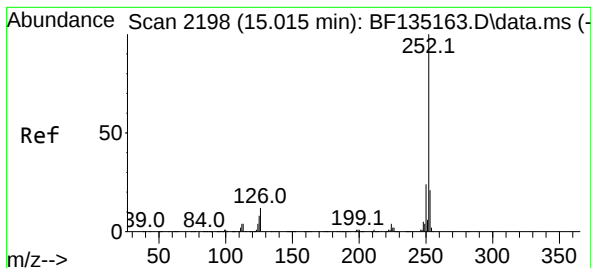
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 11.2 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 36.996 ng

RT: 14.986 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

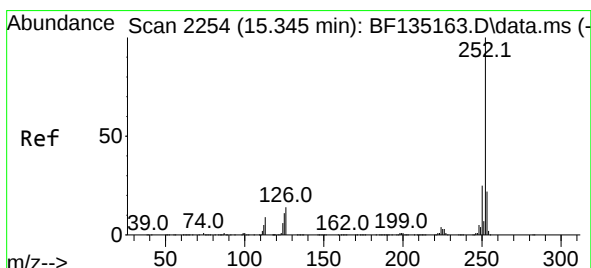
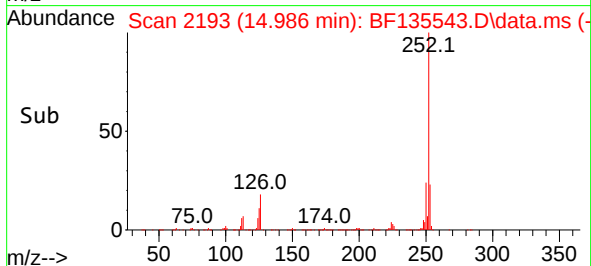
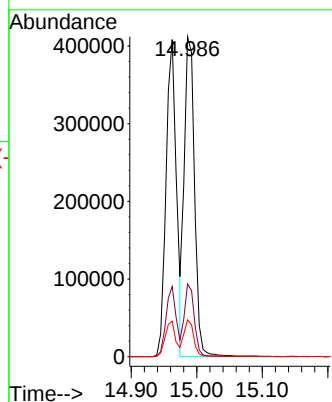
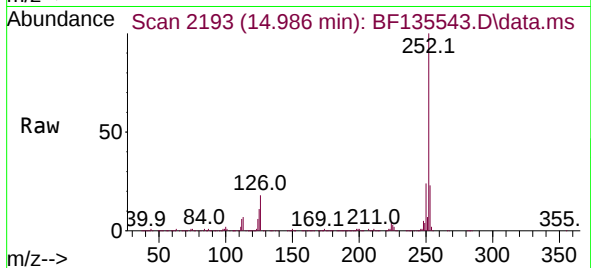
Tgt Ion:252 Resp: 447894

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

125 11.5 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 39.851 ng

RT: 15.321 min Scan# 2250

Delta R.T. 0.000 min

Lab File: BF135543.D

Acq: 03 Oct 2023 15:33

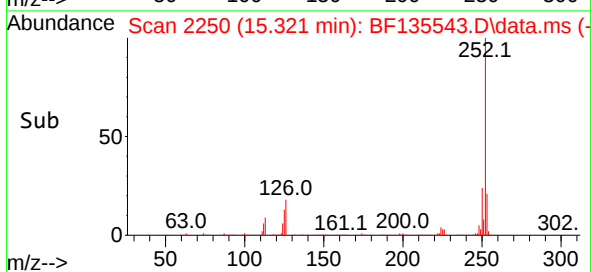
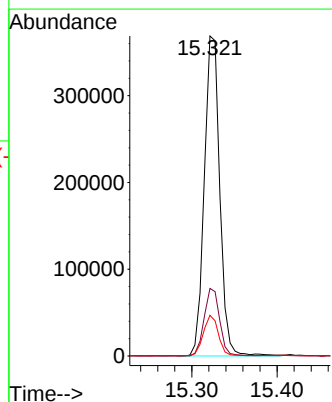
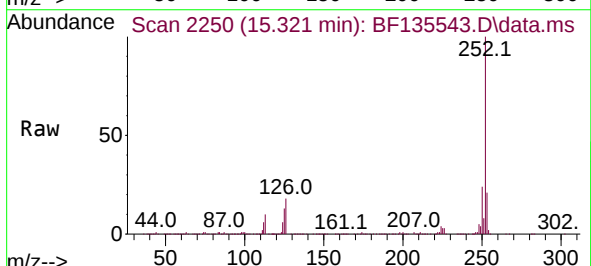
Tgt Ion:252 Resp: 465754

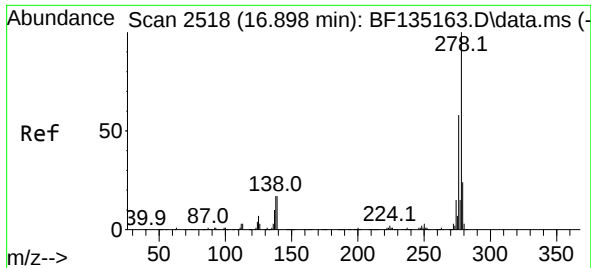
Ion Ratio Lower Upper

252 100

253 21.1 17.5 26.3

125 12.7 9.2 13.8

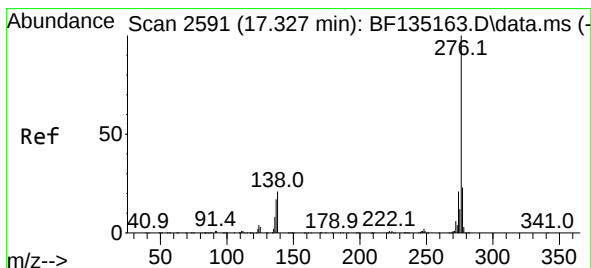
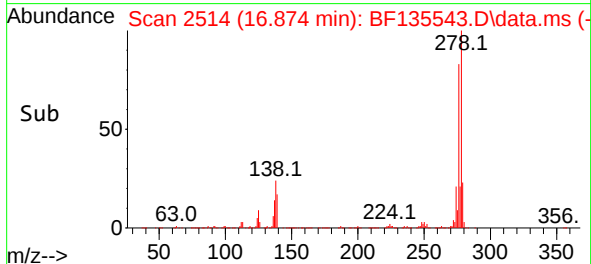
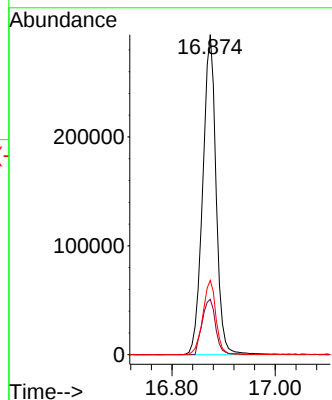
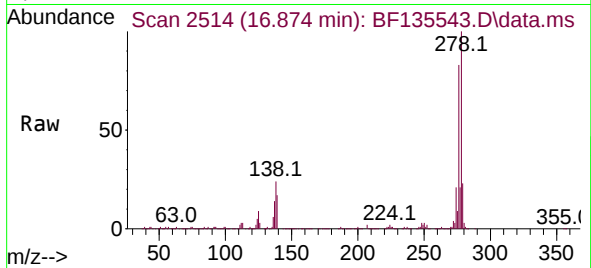




#91
Dibenzo(a,h)anthracene
Concen: 43.370 ng
RT: 16.874 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 526754
Ion Ratio Lower Upper
278 100
139 17.3 13.4 20.0
279 23.2 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 44.168 ng
RT: 17.309 min Scan# 2588
Delta R.T. 0.000 min
Lab File: BF135543.D
Acq: 03 Oct 2023 15:33

Tgt Ion:276 Resp: 560249
Ion Ratio Lower Upper
276 100
277 24.1 18.8 28.2
138 24.0 16.9 25.3

