

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
 Data File : BF135685.D
 Acq On : 10 Oct 2023 15:23
 Operator : CG\JU
 Sample : PB156053BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156053BSD

Quant Time: Oct 11 02:57:07 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 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	104516	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	421503	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	218176	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	427817	20.000	ng	0.00
76) Chrysene-d12	13.939	240	229729	20.000	ng	0.00
86) Perylene-d12	15.404	264	217151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	783988	122.002	ng	0.02
7) Phenol-d6	6.398	99	968596	118.540	ng	0.00
23) Nitrobenzene-d5	7.310	82	608385	78.417	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	262255	120.958	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1121756	77.571	ng	0.00
79) Terphenyl-d14	12.868	244	1179864	79.616	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	107390	38.122	ng	99
3) Pyridine	3.287	79	248817	32.818	ng	95
4) n-Nitrosodimethylamine	3.246	42	183287	45.556	ng	93
6) Aniline	6.410	93	287628	26.843	ng	# 17
8) 2-Chlorophenol	6.534	128	308482	44.969	ng	94
9) Benzaldehyde	6.298	77	66063	14.192	ng	97
10) Phenol	6.410	94	366961	40.956	ng	80
11) bis(2-Chloroethyl)ether	6.481	93	286629	42.647	ng	98
12) 1,3-Dichlorobenzene	6.681	146	305022	43.752	ng	96
13) 1,4-Dichlorobenzene	6.757	146	313359	44.179	ng	99
14) 1,2-Dichlorobenzene	6.904	146	289586	43.964	ng	99
15) Benzyl Alcohol	6.898	79	240744	41.058	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	524997	41.442	ng	62
17) 2-Methylphenol	7.010	107	250085	41.312	ng	# 92
18) Hexachloroethane	7.239	117	115002	43.881	ng	93
19) n-Nitroso-di-n-propyla...	7.157	70	204389	40.384	ng	94
20) 3+4-Methylphenols	7.163	107	313262	43.036	ng	# 75
22) Acetophenone	7.151	105	410361	42.583	ng	# 91
24) Nitrobenzene	7.328	77	318754	41.568	ng	99
25) Isophorone	7.563	82	590632	41.459	ng	99
26) 2-Nitrophenol	7.639	139	163864	44.524	ng	98
27) 2,4-Dimethylphenol	7.686	122	253615	40.997	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	359510	42.162	ng	99
29) 2,4-Dichlorophenol	7.892	162	255336	44.544	ng	97
30) 1,2,4-Trichlorobenzene	7.963	180	255724	42.681	ng	99
31) Naphthalene	8.039	128	856253	41.810	ng	99
32) Benzoic acid	7.845	122	177986	38.209	ng	95
33) 4-Chloroaniline	8.098	127	219482	24.427	ng	97
34) Hexachlorobutadiene	8.151	225	151069	41.815	ng	98
35) Caprolactam	8.481	113	55562	28.881	ng	95
36) 4-Chloro-3-methylphenol	8.598	107	282117	44.282	ng	99
37) 2-Methylnaphthalene	8.733	142	550634	39.999	ng	100
38) 1-Methylnaphthalene	8.833	142	527847	40.955	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	263474	41.684	ng	100
41) Hexachlorocyclopentadiene	8.880	237	111085	43.588	ng	98
43) 2,4,6-Trichlorophenol	9.022	196	169179	40.880	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	184529	38.719	ng	98
46) 1,1'-Biphenyl	9.198	154	694730	41.436	ng	98
47) 2-Chloronaphthalene	9.228	162	516757	42.479	ng	100
48) 2-Nitroaniline	9.333	65	209690	44.369	ng	94
49) Acenaphthylene	9.639	152	844820	41.787	ng	99
50) Dimethylphthalate	9.510	163	614992	41.692	ng	99
51) 2,6-Dinitrotoluene	9.580	165	139142	43.059	ng	89
52) Acenaphthene	9.810	154	503034	42.118	ng	97
53) 3-Nitroaniline	9.751	138	118944	31.357	ng	97
54) 2,4-Dinitrophenol	9.875	184	135647	74.416	ng	97
55) Dibenzofuran	9.986	168	749019	41.098	ng	97
56) 4-Nitrophenol	9.939	139	145536	60.370	ng	97
57) 2,4-Dinitrotoluene	9.992	165	174608	43.161	ng	94
58) Fluorene	10.333	166	605179	43.193	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	162482	44.320	ng	96
60) Diethylphthalate	10.210	149	641078	43.305	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	282088	41.912	ng	98
62) 4-Nitroaniline	10.375	138	147712	40.512	ng	99
63) Azobenzene	10.486	77	610707	42.151	ng	99
65) 4,6-Dinitro-2-methylph...	10.410	198	95729	42.129	ng	86
66) n-Nitrosodiphenylamine	10.445	169	552970	42.694	ng	98
67) 4-Bromophenyl-phenylether	10.816	248	179321	42.144	ng	98
68) Hexachlorobenzene	10.880	284	193267	44.585	ng	# 90
69) Atrazine	10.980	200	167117	47.953	ng	98
70) Pentachlorophenol	11.086	266	132036	50.910	ng	96
71) Phenanthrene	11.298	178	872448	43.118	ng	99
72) Anthracene	11.351	178	886063	42.603	ng	99
73) Carbazole	11.516	167	835656	44.137	ng	99
74) Di-n-butylphthalate	11.839	149	989231	44.341	ng	100
75) Fluoranthene	12.498	202	931534	44.183	ng	98
77) Benzidine	12.627	184	176942	37.596	ng	98
78) Pyrene	12.727	202	940130	42.983	ng	100
80) Butylbenzylphthalate	13.345	149	361560	46.951	ng	95
81) Benzo(a)anthracene	13.927	228	663876	44.753	ng	99
82) 3,3'-Dichlorobenzidine	13.886	252	185470	40.028	ng	# 98
83) Chrysene	13.963	228	617108	41.842	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	429920	54.404	ng	100
85) Di-n-octyl phthalate	14.521	149	594003	47.300	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.904	276	640512	44.987	ng	99
88) Benzo(b)fluoranthene	14.980	252	547821	46.603	ng	100
89) Benzo(k)fluoranthene	15.009	252	516215	44.455	ng	100
90) Benzo(a)pyrene	15.345	252	489678	43.682	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	530271	45.518	ng	98
92) Benzo(g,h,i)perylene	17.351	276	560360	46.058	ng	98

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

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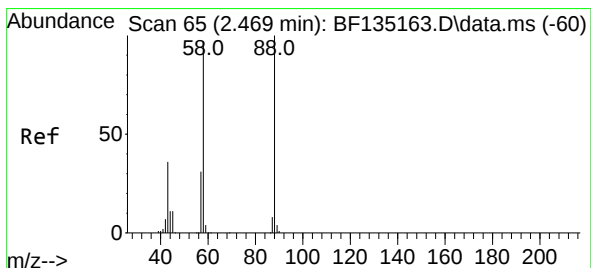
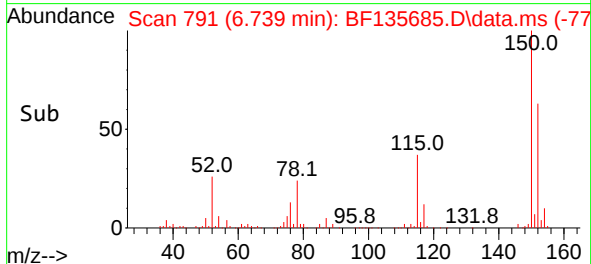
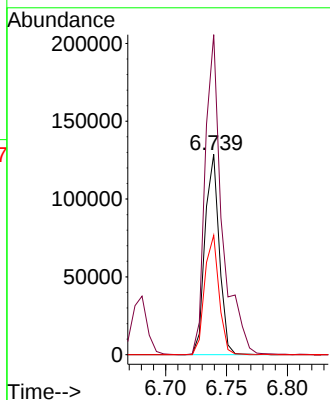
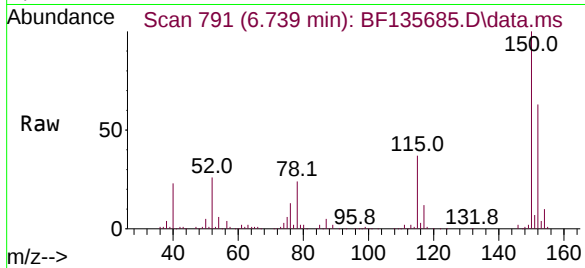




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135685.D
 Acq: 10 Oct 2023 15:23

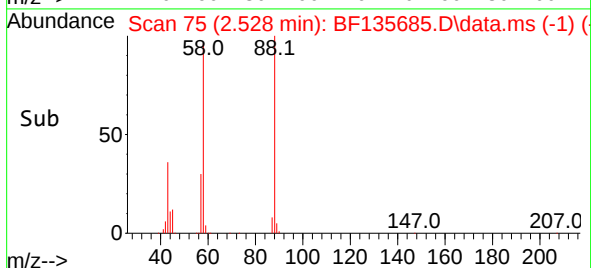
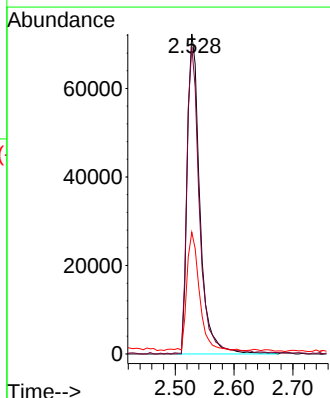
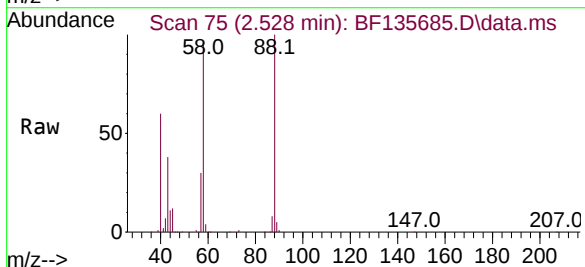
Instrument :
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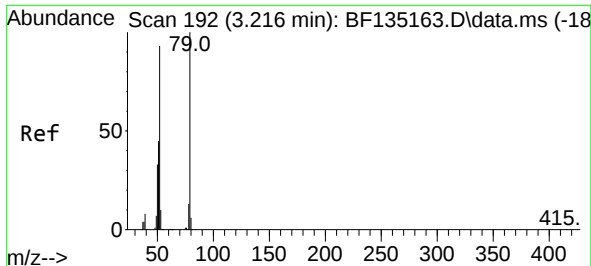
Tgt Ion:152 Resp: 104516
 Ion Ratio Lower Upper
 152 100
 150 159.8 127.8 191.6
 115 59.6 49.8 74.8



#2
 1,4-Dioxane
 Concen: 38.122 ng
 RT: 2.528 min Scan# 75
 Delta R.T. 0.100 min
 Lab File: BF135685.D
 Acq: 10 Oct 2023 15:23

Tgt Ion: 88 Resp: 107390
 Ion Ratio Lower Upper
 88 100
 58 97.4 78.3 117.5
 43 35.6 29.4 44.0

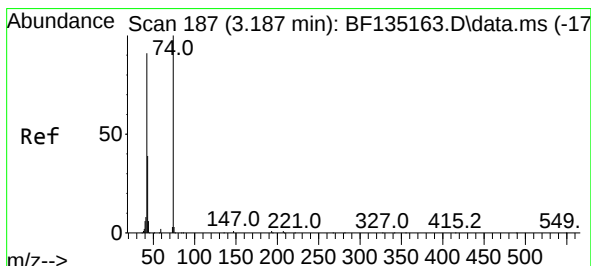
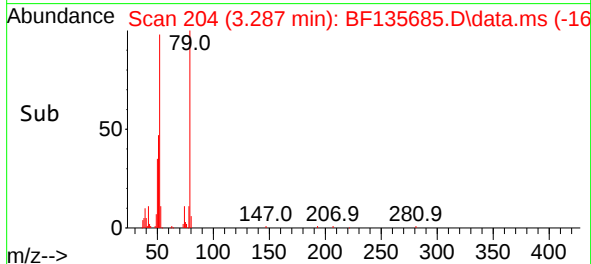
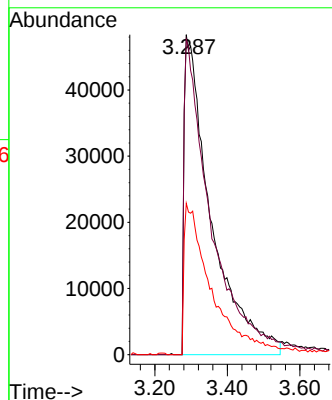
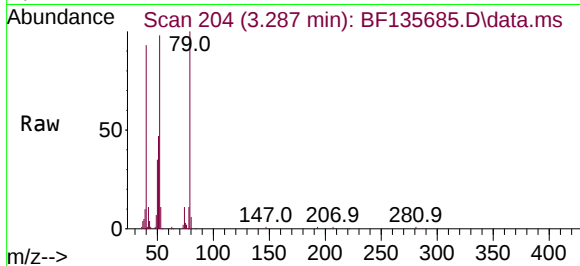




#3
Pyridine
Concen: 32.818 ng
RT: 3.287 min Scan# 20
Delta R.T. 0.112 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

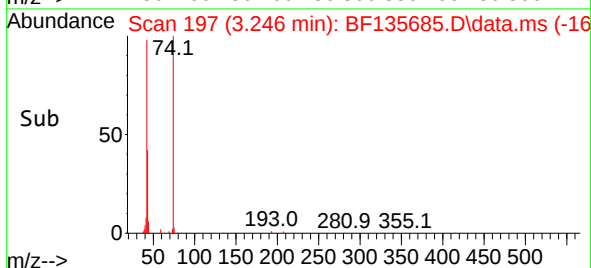
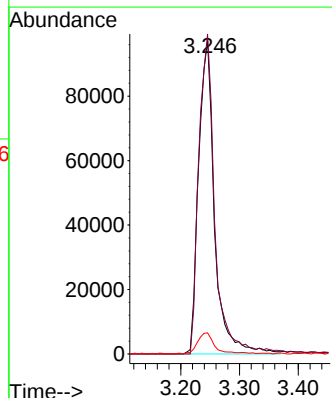
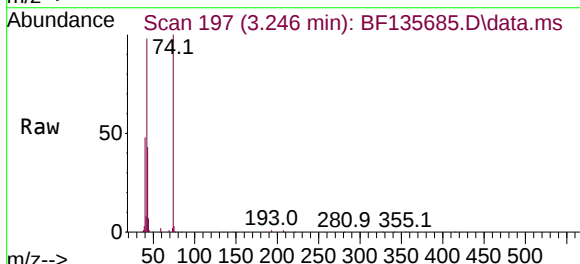
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

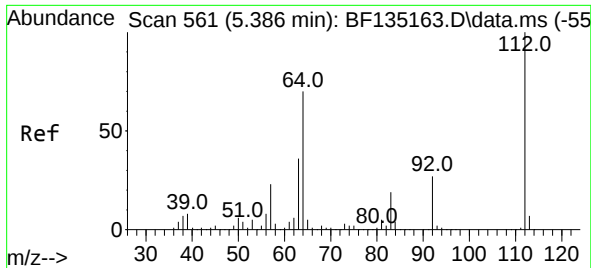
Tgt Ion: 79 Resp: 248817
Ion Ratio Lower Upper
79 100
52 98.5 74.1 111.1
51 47.3 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 45.556 ng
RT: 3.246 min Scan# 197
Delta R.T. 0.094 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion: 42 Resp: 183287
Ion Ratio Lower Upper
42 100
74 102.2 87.7 131.5
44 6.8 5.6 8.4

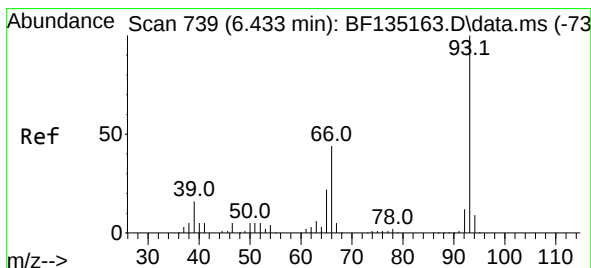
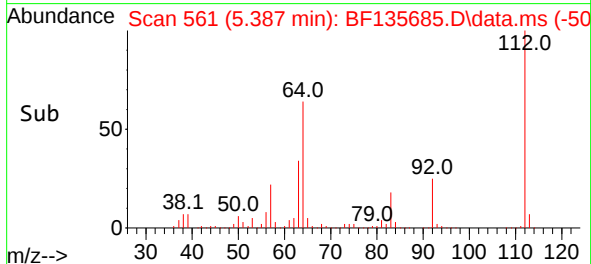
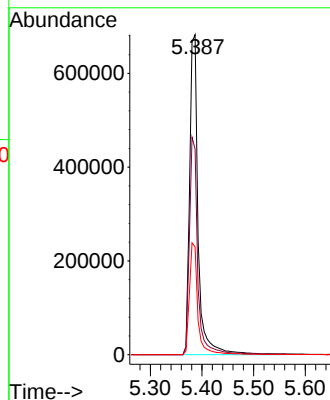
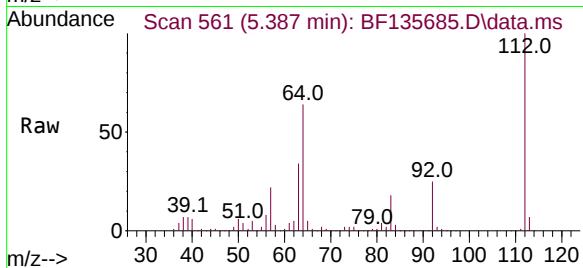




#5
2-Fluorophenol
Concen: 122.002 ng
RT: 5.387 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

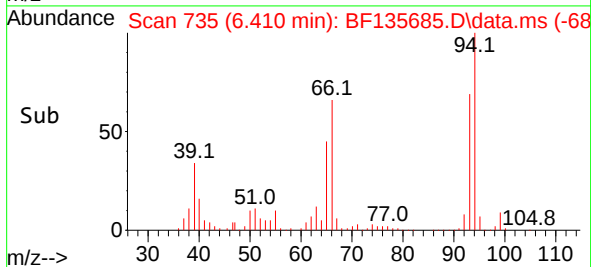
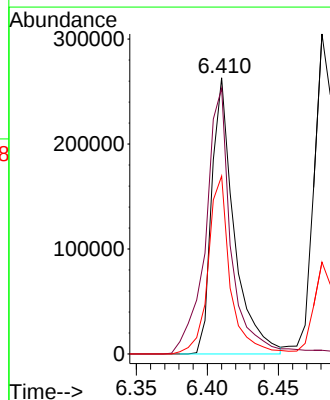
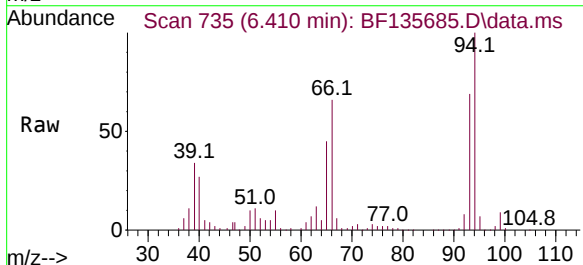
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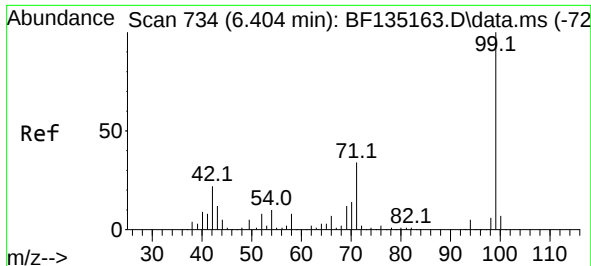
Tgt Ion:112 Resp: 783988
Ion Ratio Lower Upper
112 100
64 64.3 55.9 83.9
63 33.7 29.0 43.6



#6
Aniline
Concen: 26.843 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion: 93 Resp: 287628
Ion Ratio Lower Upper
93 100
66 96.3 35.4 53.0#
65 64.5 17.8 26.8#





#7

Phenol-d6

Concen: 118.540 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

Instrument :

BNA_F

ClientSampleId :

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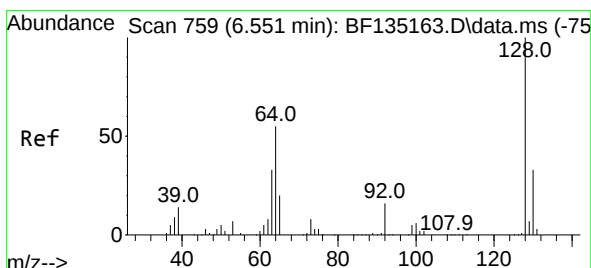
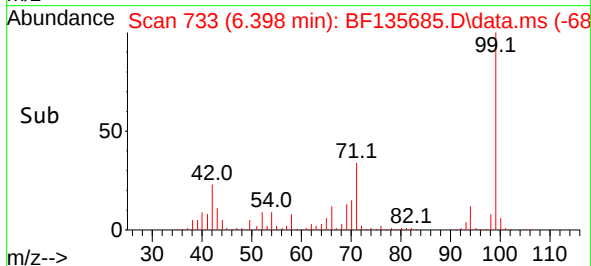
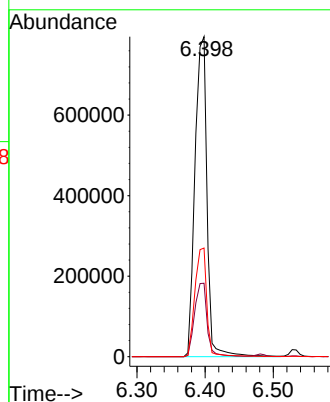
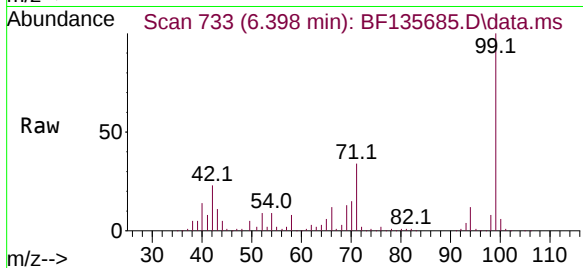
Tgt Ion: 99 Resp: 968596

Ion Ratio Lower Upper

99 100

42 22.9 17.9 26.9

71 34.0 27.0 40.6



#8

2-Chlorophenol

Concen: 44.969 ng

RT: 6.534 min Scan# 756

Delta R.T. -0.000 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

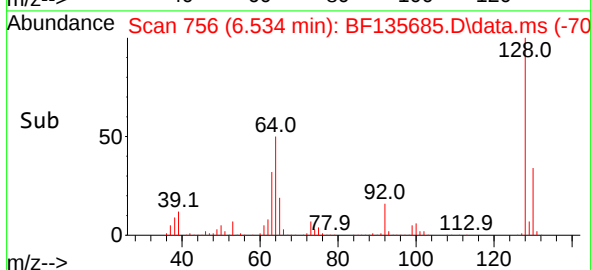
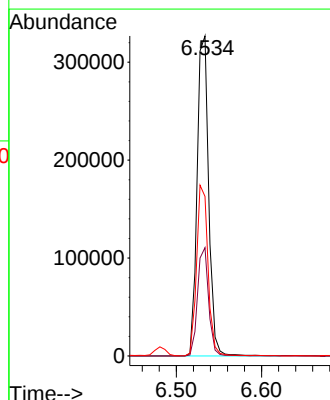
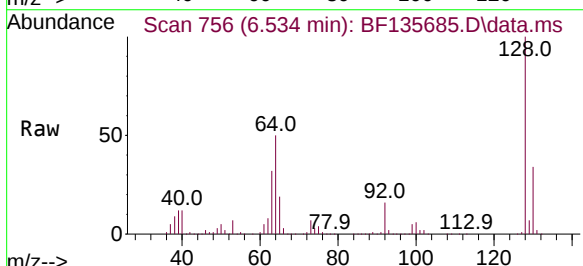
Tgt Ion:128 Resp: 308482

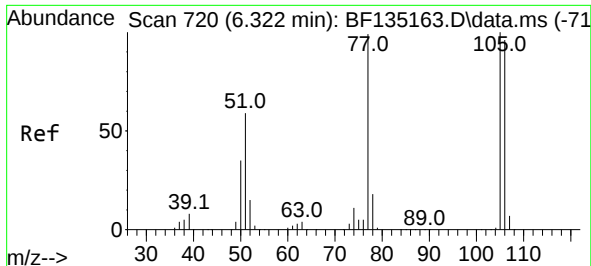
Ion Ratio Lower Upper

128 100

130 33.9 12.7 52.7

64 49.9 35.9 75.9

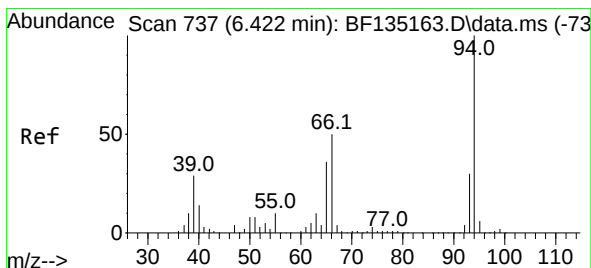
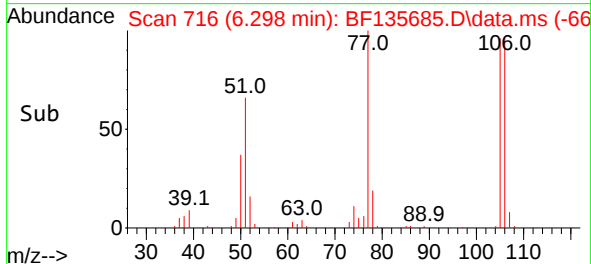
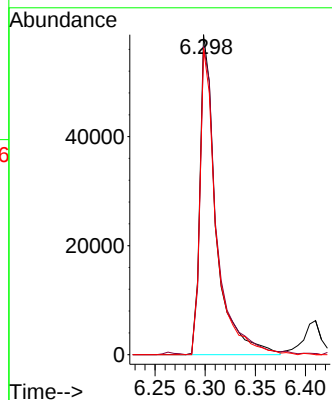
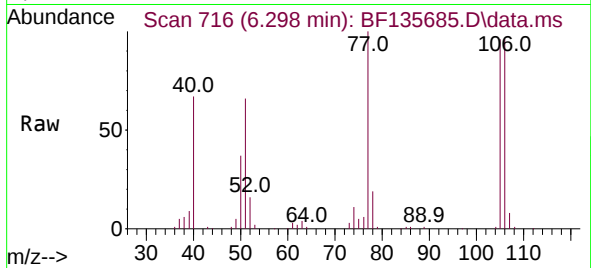




#9
Benzaldehyde
Concen: 14.192 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

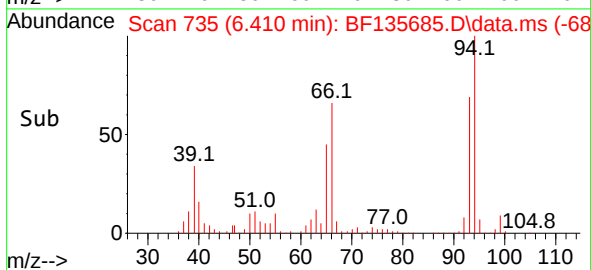
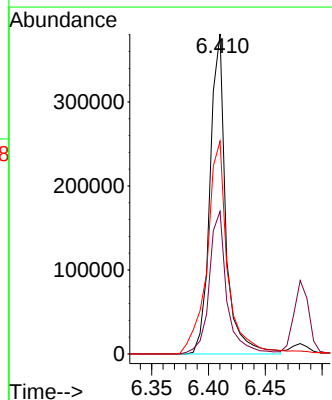
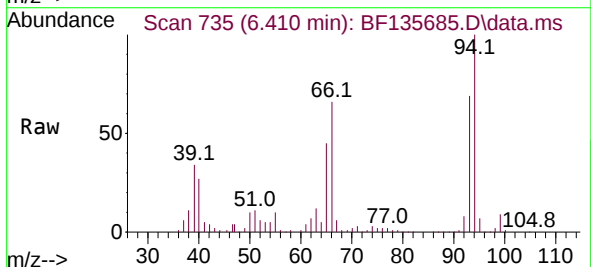
Instrument :
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Tgt Ion: 77 Resp: 66063
Ion Ratio Lower Upper
77 100
105 96.3 81.4 121.4
106 95.7 76.9 116.9



#10
Phenol
Concen: 40.956 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion: 94 Resp: 366961
Ion Ratio Lower Upper
94 100
65 44.5 15.9 55.9
66 66.5 29.8 69.8

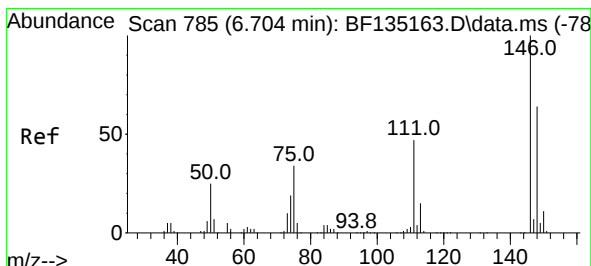
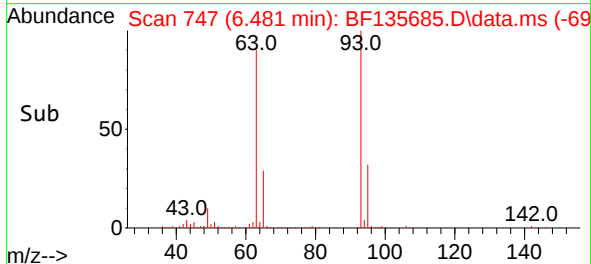
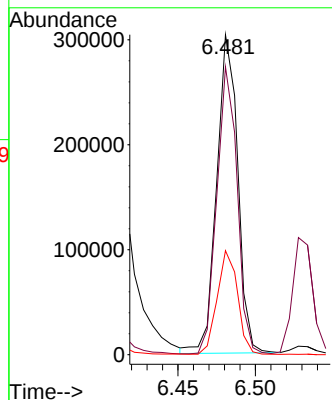
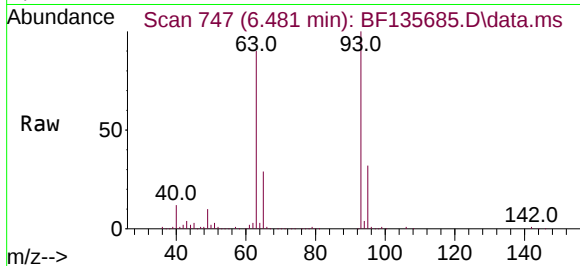




#11
bis(2-Chloroethyl)ether
Concen: 42.647 ng
RT: 6.481 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

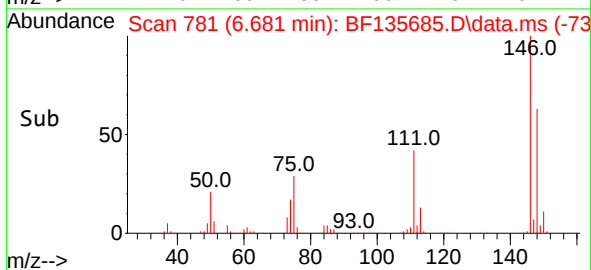
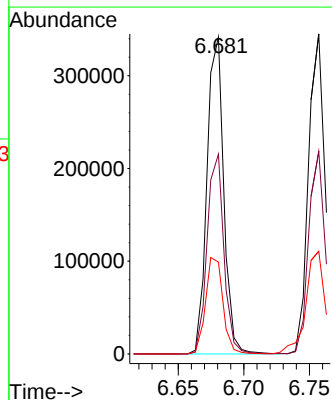
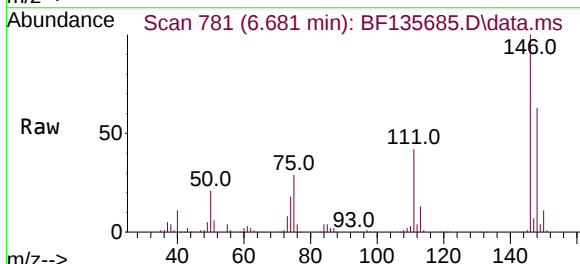
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

Tgt Ion: 93 Resp: 286629
Ion Ratio Lower Upper
93 100
63 90.0 67.3 107.3
95 32.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 43.752 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion:146 Resp: 305022
Ion Ratio Lower Upper
146 100
148 63.0 51.3 76.9
75 29.0 27.4 41.2

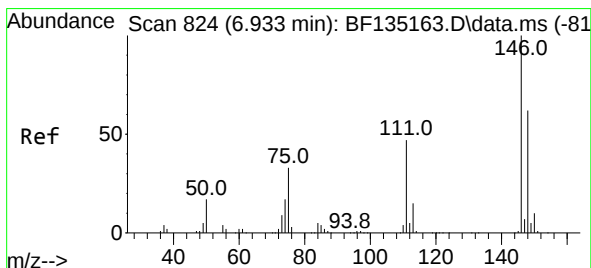
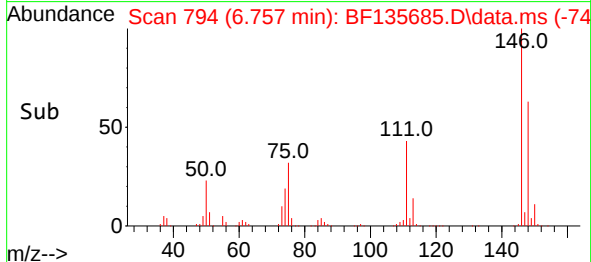
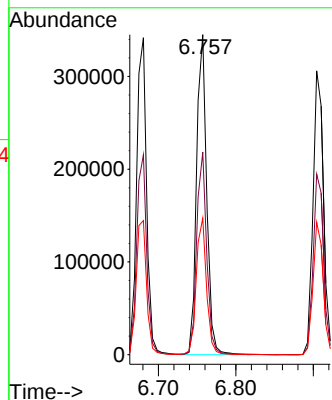
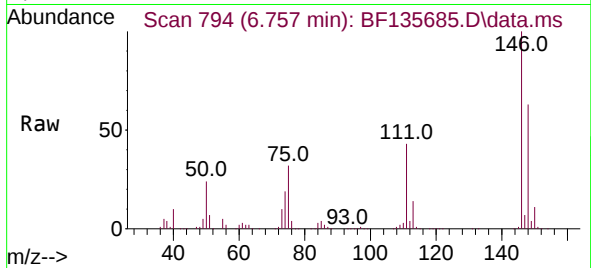




#13
1,4-Dichlorobenzene
Concen: 44.179 ng
RT: 6.757 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

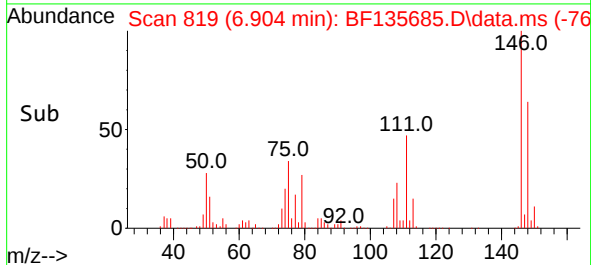
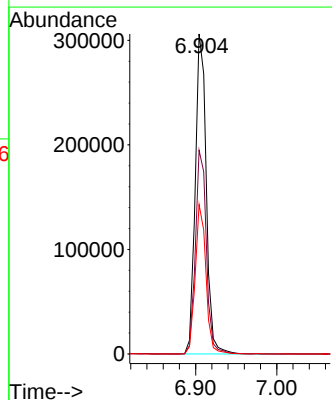
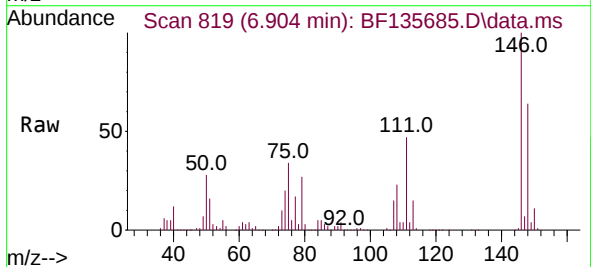
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

Tgt Ion:146 Resp: 313359
Ion Ratio Lower Upper
146 100
148 63.3 51.3 76.9
111 42.6 35.1 52.7



#14
1,2-Dichlorobenzene
Concen: 43.964 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion:146 Resp: 289586
Ion Ratio Lower Upper
146 100
148 63.7 49.7 74.5
111 46.7 37.4 56.2

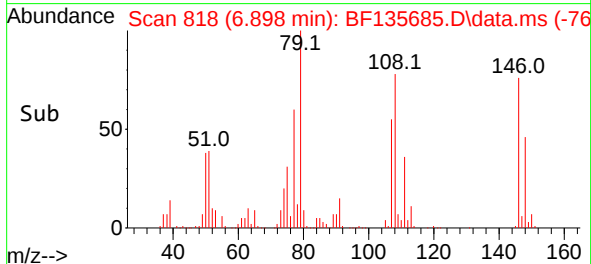
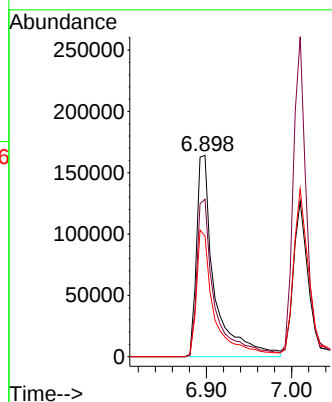
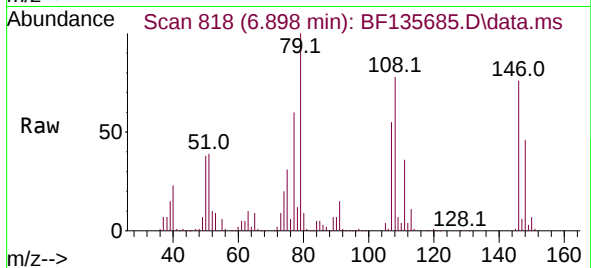




#15
Benzyl Alcohol
Concen: 41.058 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.006 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

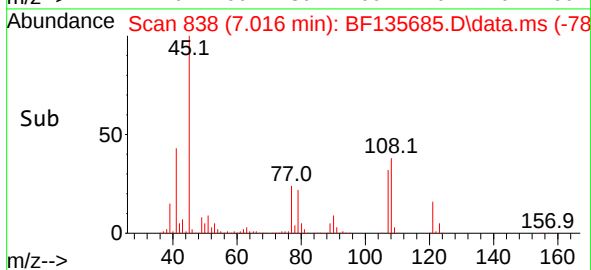
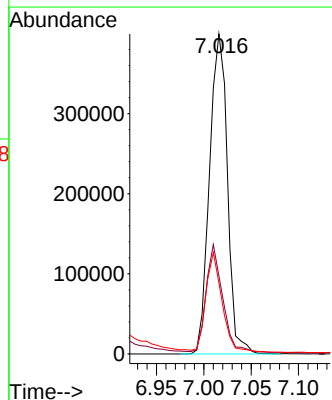
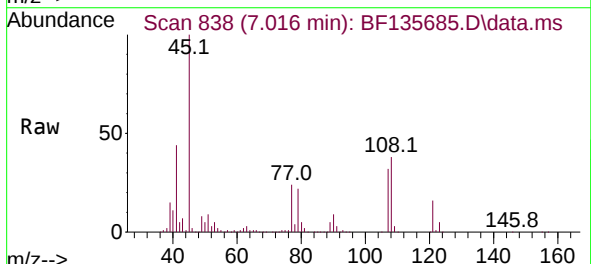
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

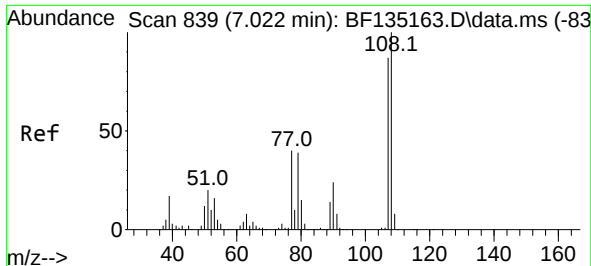
Tgt Ion: 79 Resp: 240744
Ion Ratio Lower Upper
79 100
108 78.2 61.2 91.8
77 59.9 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.442 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion: 45 Resp: 524997
Ion Ratio Lower Upper
45 100
77 24.3 0.0 30.6
79 22.2 0.0 28.3

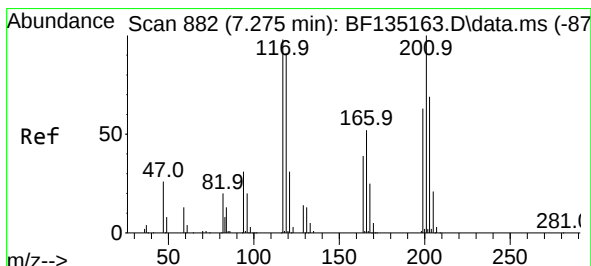
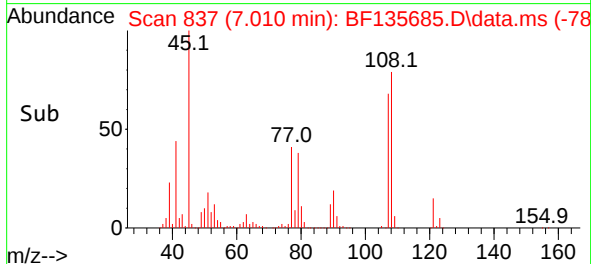
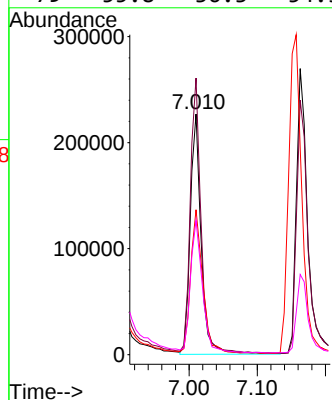
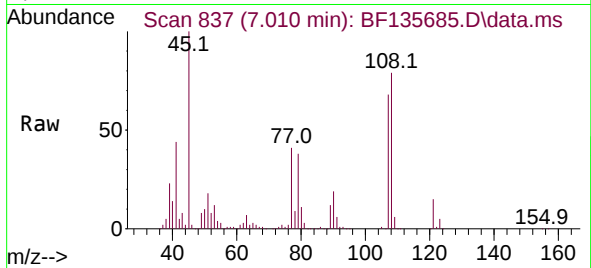




#17
2-Methylphenol
Concen: 41.312 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

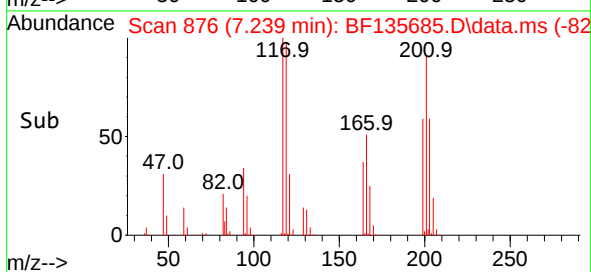
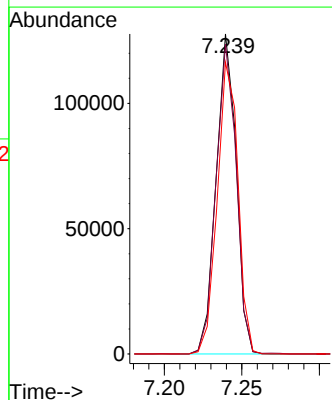
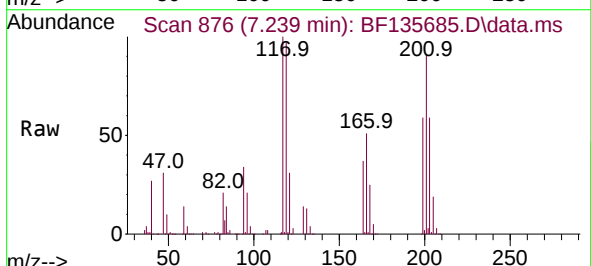
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

Tgt Ion:107 Resp: 250085
Ion Ratio Lower Upper
107 100
108 115.0 92.0 138.0
77 60.2 36.7 55.1#
79 55.8 36.3 54.5#



#18
Hexachloroethane
Concen: 43.881 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion:117 Resp: 115002
Ion Ratio Lower Upper
117 100
119 96.9 74.7 112.1
201 91.1 81.8 122.8

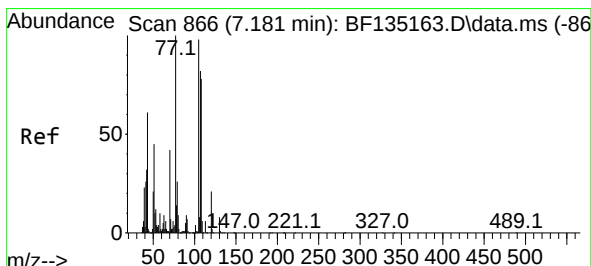
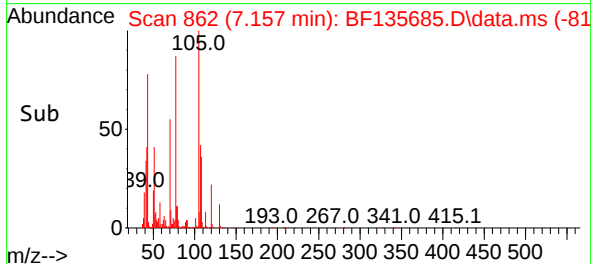
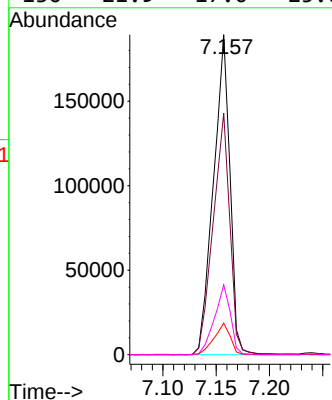
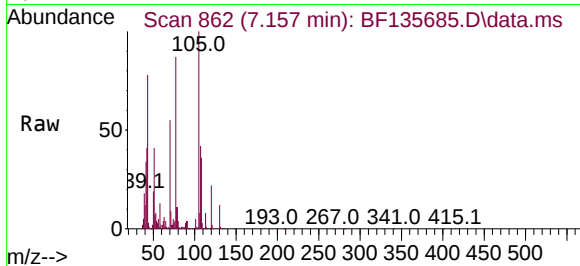




#19
n-Nitroso-di-n-propylamine
Concen: 40.384 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

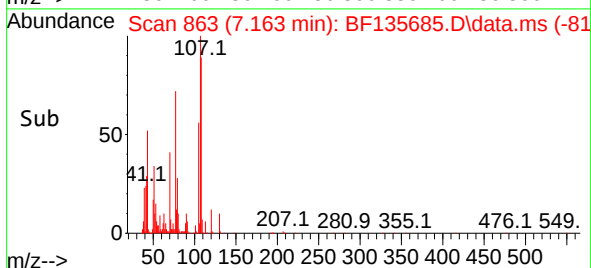
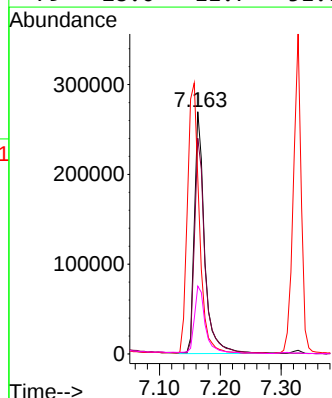
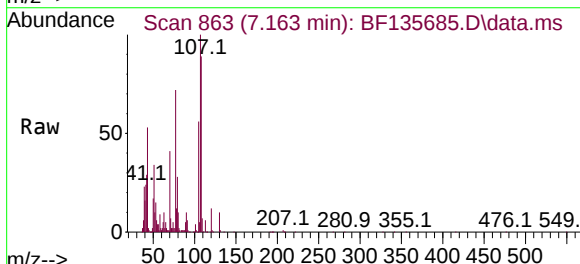
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

Tgt Ion: 70 Resp: 204389
Ion Ratio Lower Upper
70 100
42 75.5 55.4 83.0
101 9.9 7.7 11.5
130 21.9 17.0 25.6



#20
3+4-Methylphenols
Concen: 43.036 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

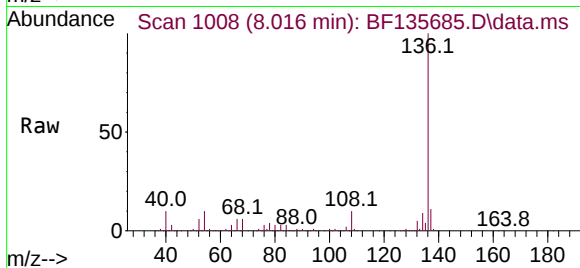
Tgt Ion:107 Resp: 313262
Ion Ratio Lower Upper
107 100
108 89.0 74.7 114.7
77 72.2 102.0 142.0#
79 28.0 11.7 51.7



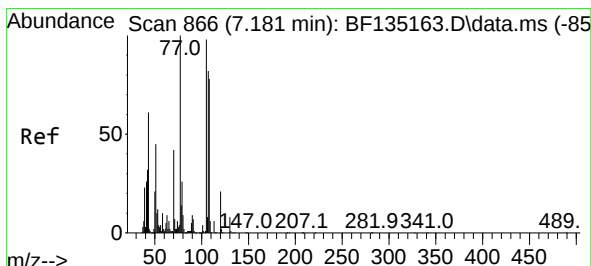
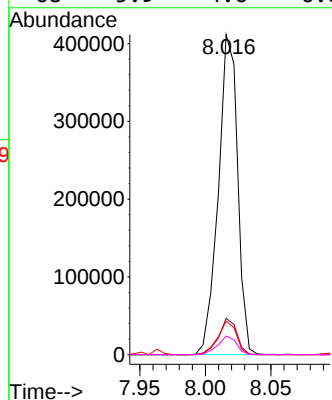
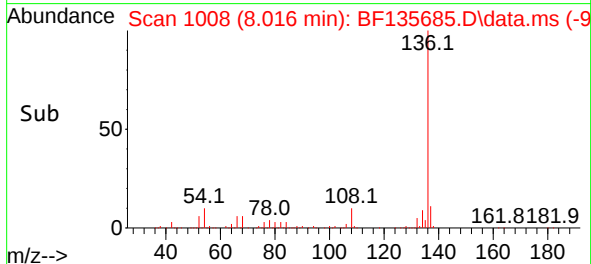


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

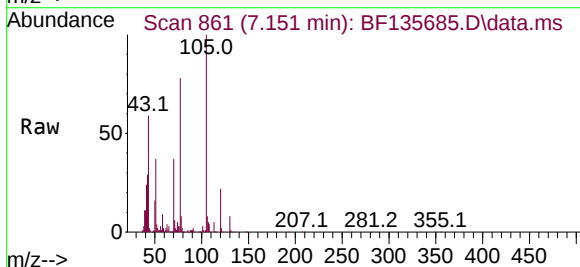
Instrument :
BNA_F
ClientSampleId :
PB156053BSD



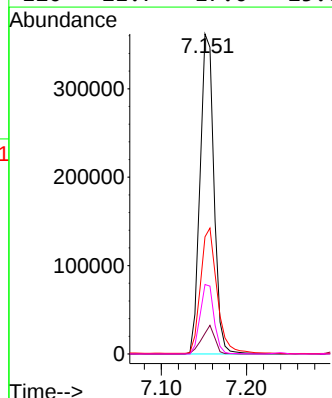
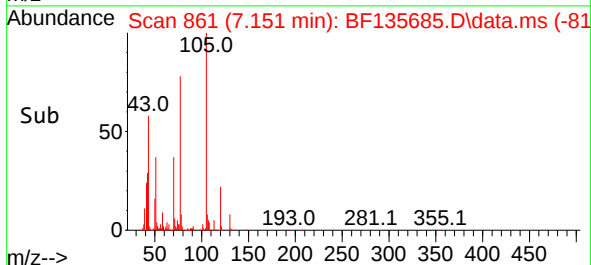
Tgt Ion:136 Resp: 421503
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.4 7.7 11.5
68 5.9 4.6 6.8



#22
Acetophenone
Concen: 42.583 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23



Tgt Ion:105 Resp: 410361
Ion Ratio Lower Upper
105 100
71 6.4 5.8 8.6
51 36.6 37.0 55.4#
120 21.7 17.0 25.6





#23

Nitrobenzene-d5

Concen: 78.417 ng

RT: 7.310 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

Instrument :

BNA_F

ClientSampleId :

PB156053BSD

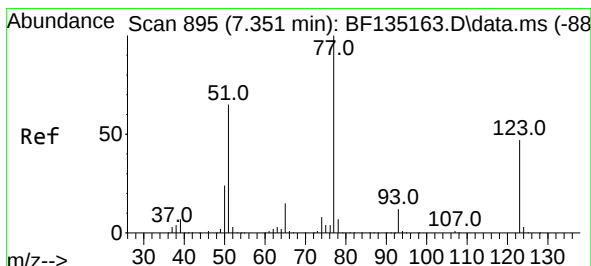
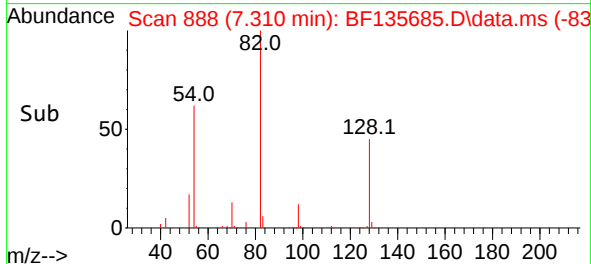
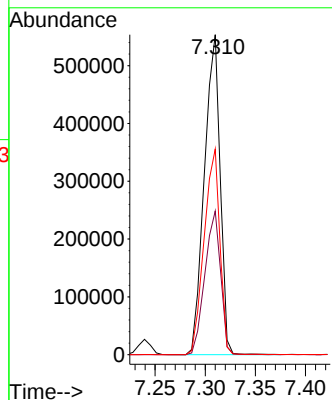
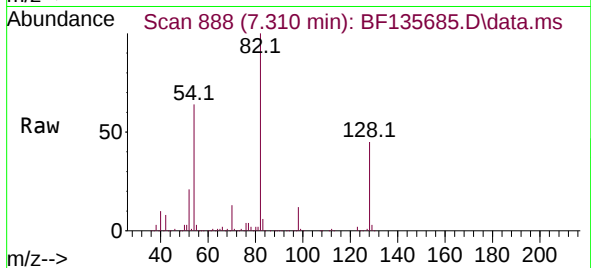
Tgt Ion: 82 Resp: 608385

Ion Ratio Lower Upper

82 100

128 44.9 35.8 53.6

54 64.2 50.6 76.0



#24

Nitrobenzene

Concen: 41.568 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

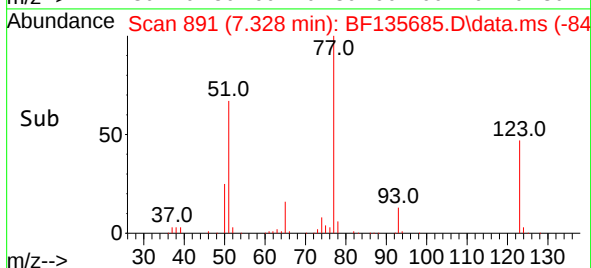
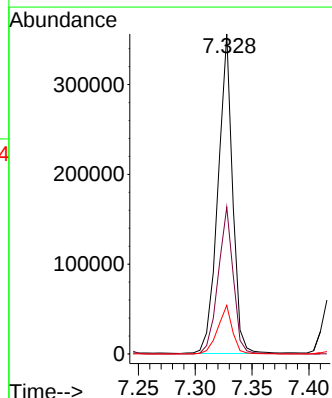
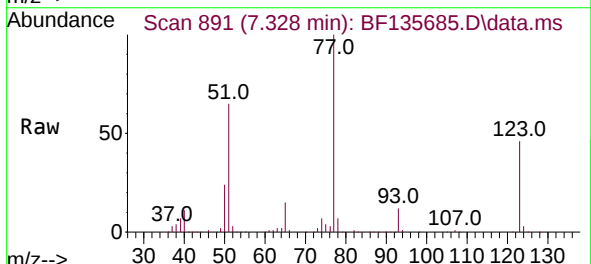
Tgt Ion: 77 Resp: 318754

Ion Ratio Lower Upper

77 100

123 45.9 37.6 56.4

65 15.2 12.2 18.4

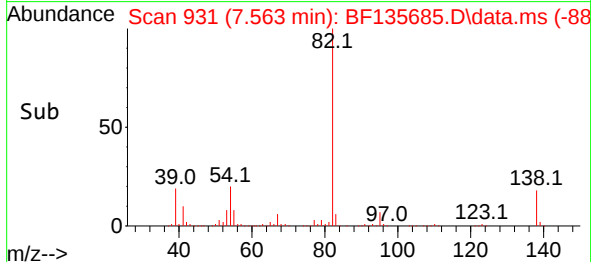
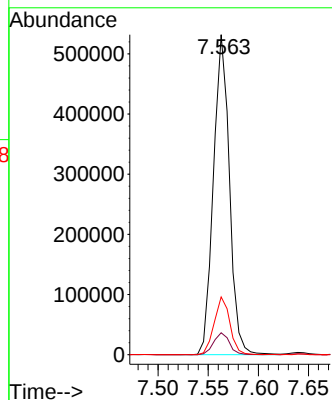
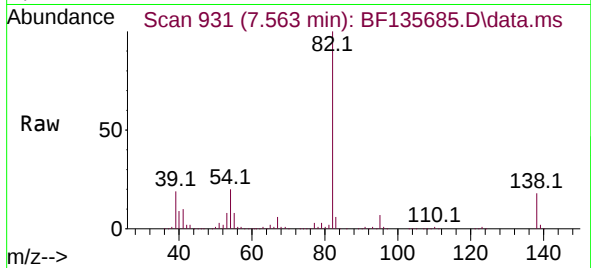




#25
Isophorone
Concen: 41.459 ng
RT: 7.563 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

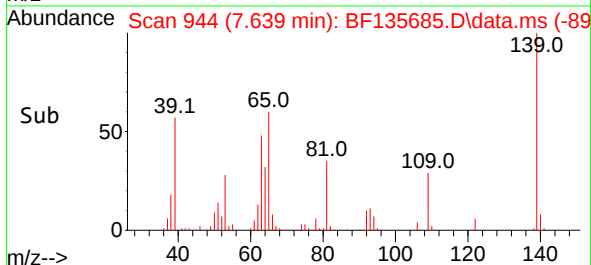
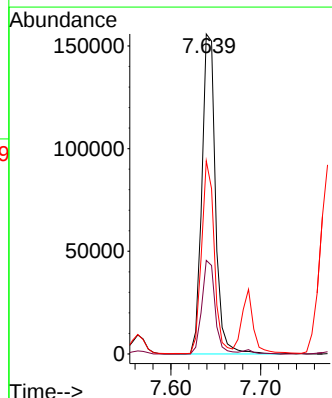
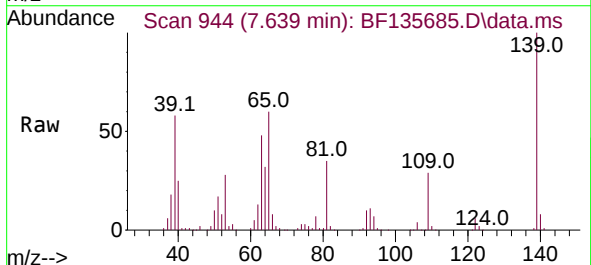
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

Tgt Ion: 82 Resp: 590632
Ion Ratio Lower Upper
82 100
95 6.9 6.0 9.0
138 18.0 14.5 21.7



#26
2-Nitrophenol
Concen: 44.524 ng
RT: 7.639 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion:139 Resp: 163864
Ion Ratio Lower Upper
139 100
109 29.2 22.6 33.8
65 60.3 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 40.997 ng

RT: 7.686 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135685.D

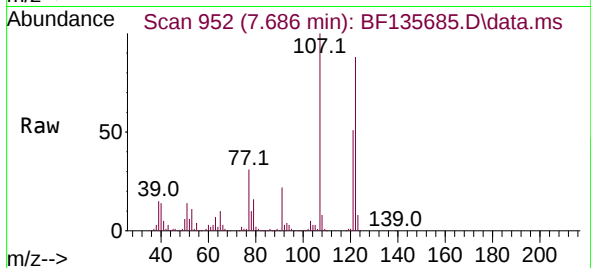
Acq: 10 Oct 2023 15:23

Instrument :

BNA_F

ClientSampleId :

PB156053BSD



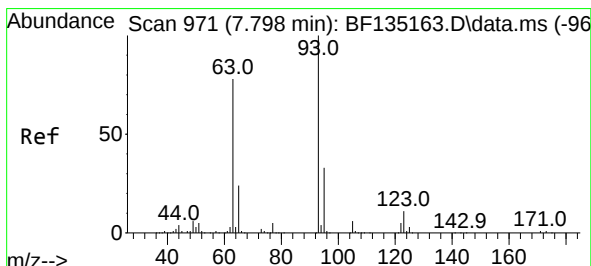
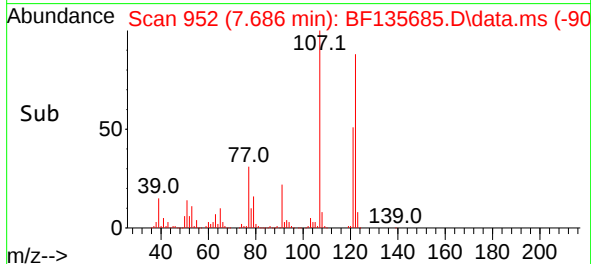
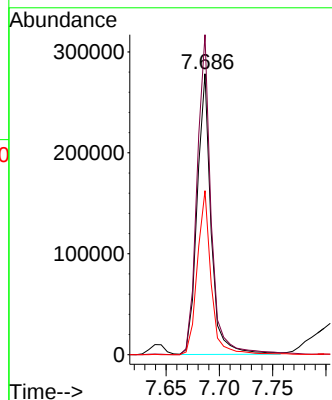
Tgt Ion:122 Resp: 253615

Ion Ratio Lower Upper

122 100

107 113.9 90.2 135.4

121 58.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.162 ng

RT: 7.775 min Scan# 967

Delta R.T. -0.000 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

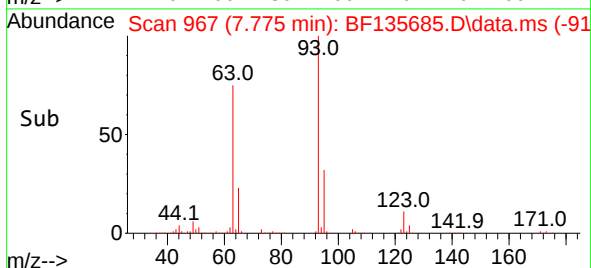
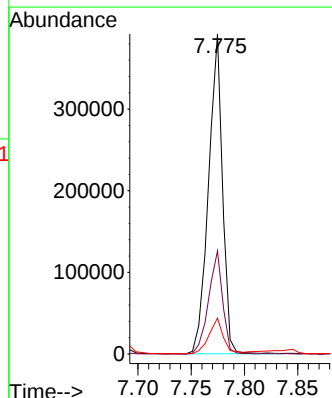
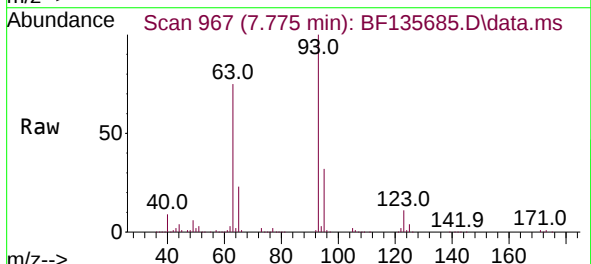
Tgt Ion: 93 Resp: 359510

Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.2

123 11.2 8.8 13.2

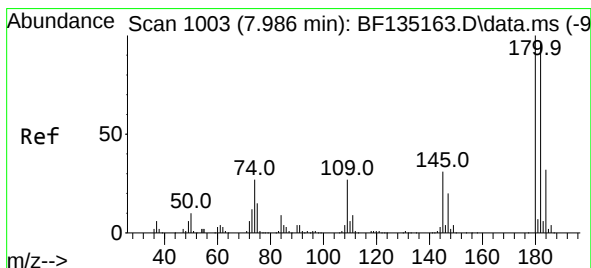
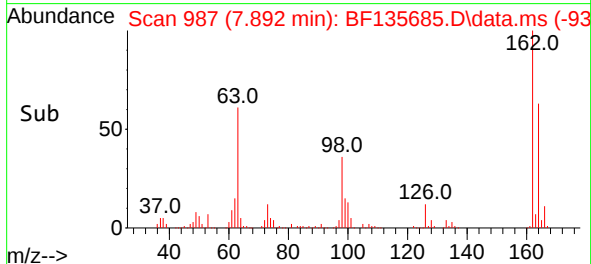
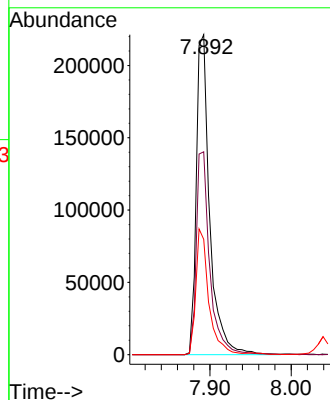
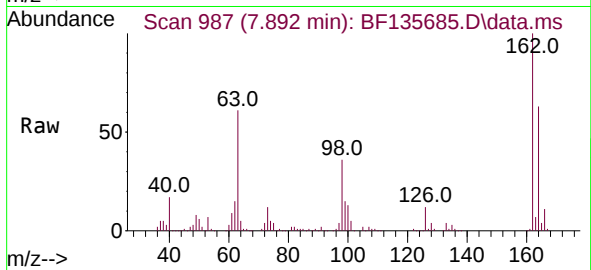




#29
2,4-Dichlorophenol
Concen: 44.544 ng
RT: 7.892 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

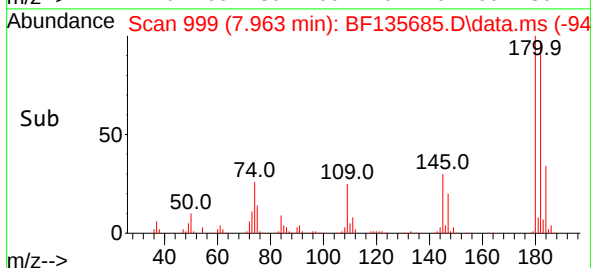
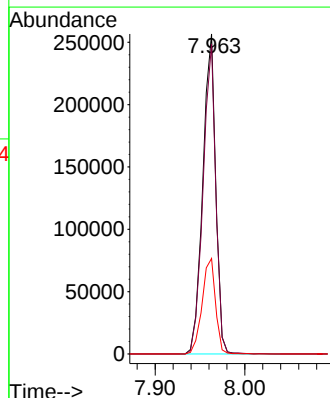
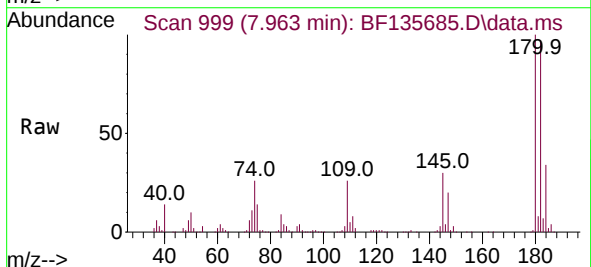
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

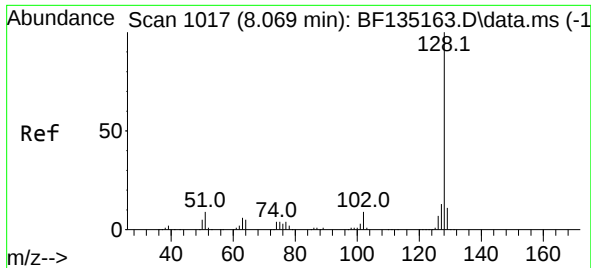
Tgt Ion:162 Resp: 255336
Ion Ratio Lower Upper
162 100
164 63.4 44.1 84.1
98 36.1 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 42.681 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion:180 Resp: 255724
Ion Ratio Lower Upper
180 100
182 96.8 76.9 115.3
145 29.8 24.5 36.7

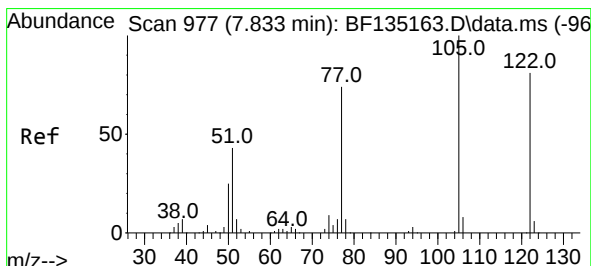
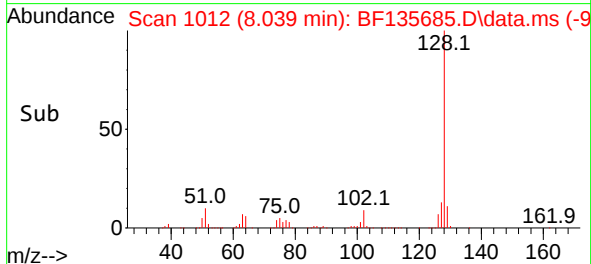
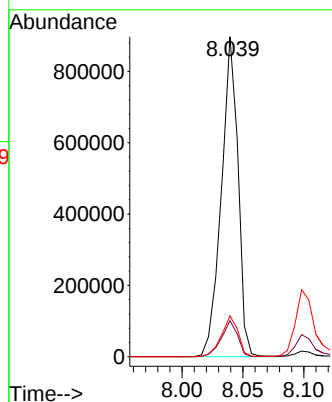
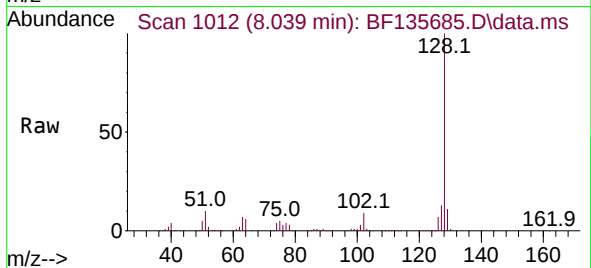




#31
Naphthalene
Concen: 41.810 ng
RT: 8.039 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

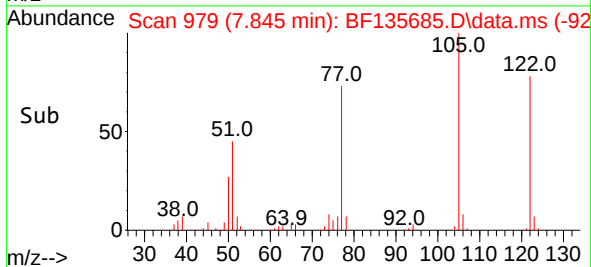
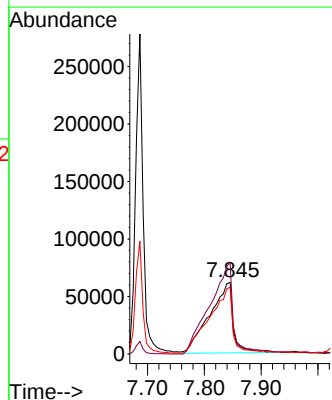
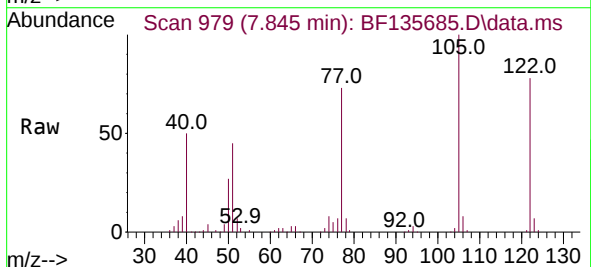
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

Tgt Ion:128 Resp: 856253
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 12.8 10.7 16.1



#32
Benzoic acid
Concen: 38.209 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.012 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion:122 Resp: 177986
Ion Ratio Lower Upper
122 100
105 127.6 99.9 139.9
77 93.2 70.0 110.0





#33

4-Chloroaniline

Concen: 24.427 ng

RT: 8.098 min Scan# 1022

Delta R.T. -0.000 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

Instrument :

BNA_F

ClientSampleId :

PB156053BSD

Tgt Ion:127 Resp: 219482

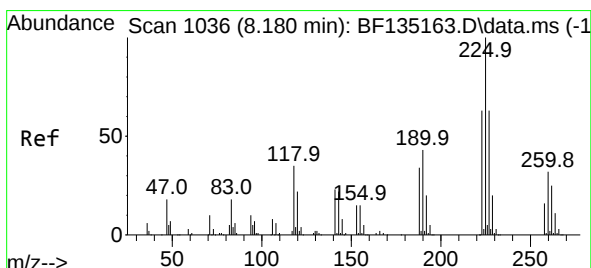
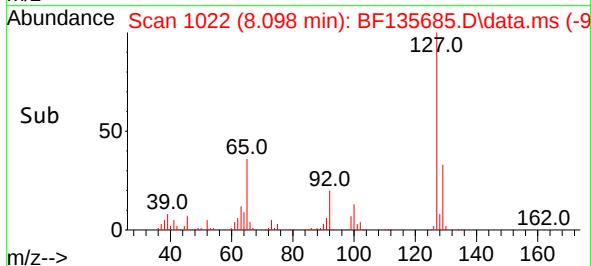
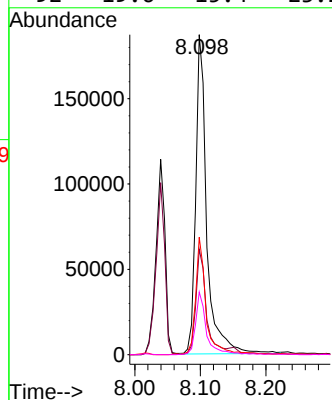
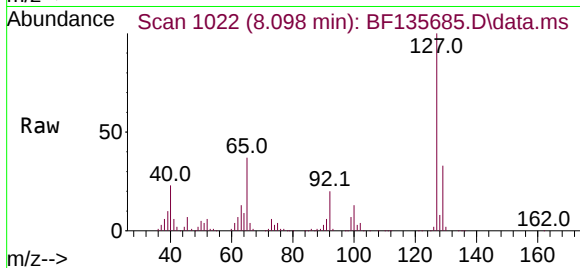
Ion Ratio Lower Upper

127 100

129 32.9 25.8 38.8

65 36.7 26.6 39.8

92 19.6 15.4 23.2



#34

Hexachlorobutadiene

Concen: 41.815 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

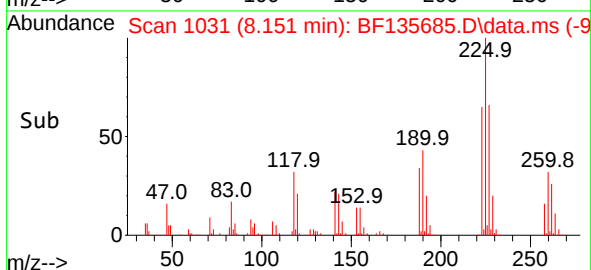
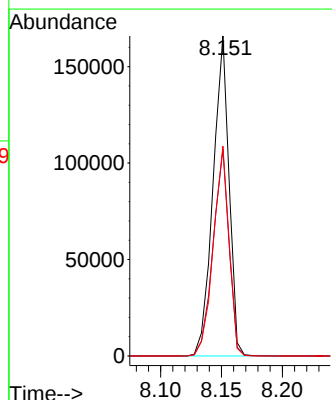
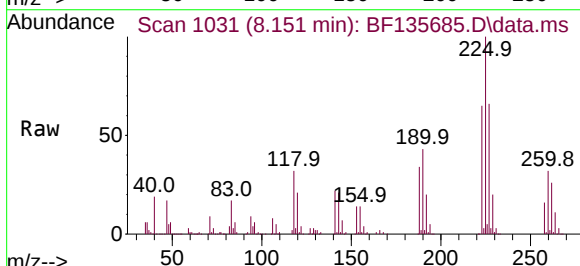
Tgt Ion:225 Resp: 151069

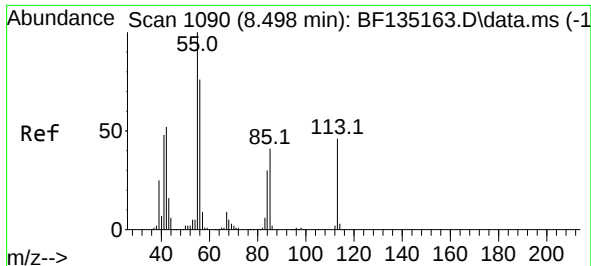
Ion Ratio Lower Upper

225 100

223 64.6 50.6 75.8

227 65.6 50.8 76.2

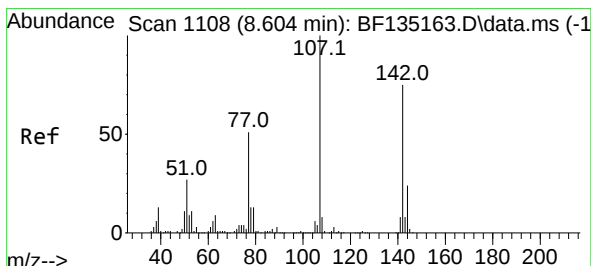
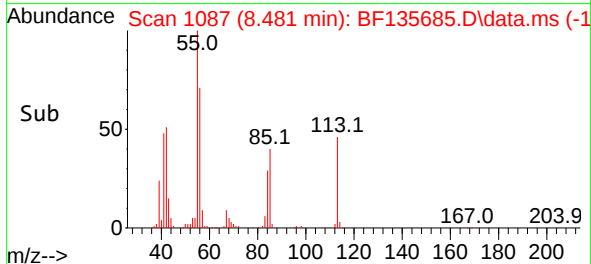
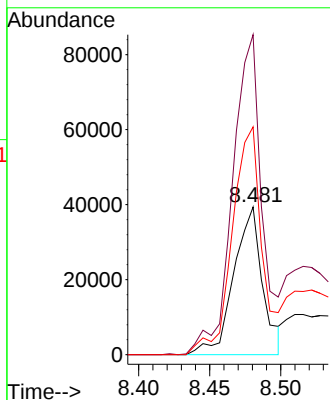
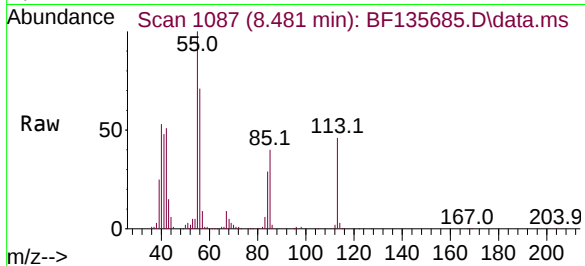




#35
 Caprolactam
 Concen: 28.881 ng
 RT: 8.481 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF135685.D
 Acq: 10 Oct 2023 15:23

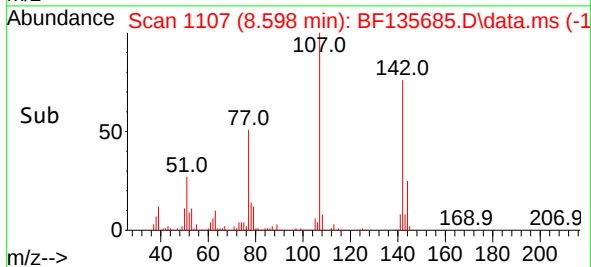
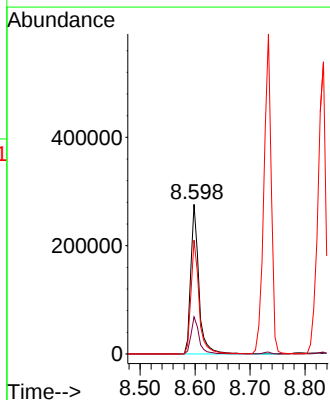
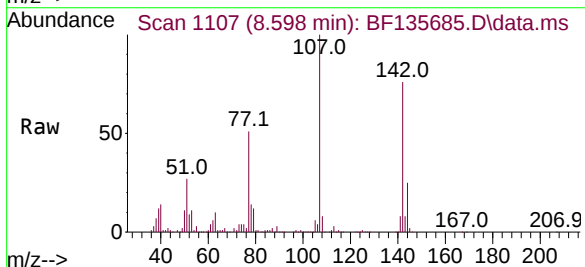
Instrument :
 BNA_F
 ClientSampleId :
 PB156053BSD

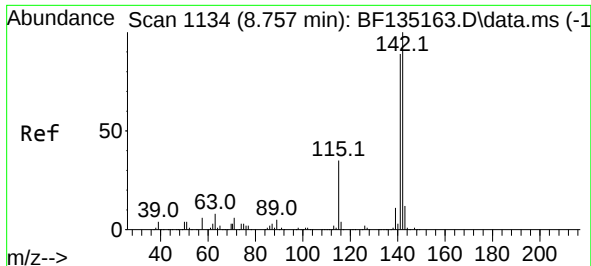
Tgt Ion:113 Resp: 55562
 Ion Ratio Lower Upper
 113 100
 55 216.7 199.3 239.3
 56 154.3 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 44.282 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: BF135685.D
 Acq: 10 Oct 2023 15:23

Tgt Ion:107 Resp: 282117
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.0 28.4
 142 76.0 60.2 90.2





#37

2-Methylnaphthalene

Concen: 39.999 ng

RT: 8.733 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

Instrument :

BNA_F

ClientSampleId :

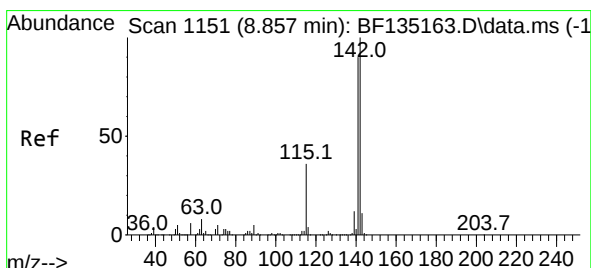
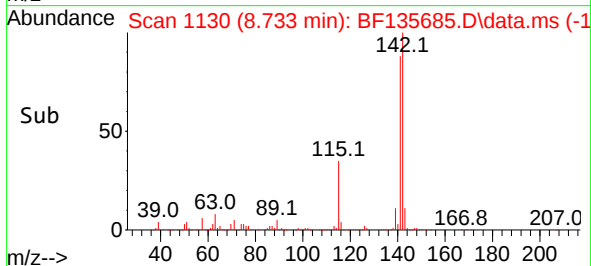
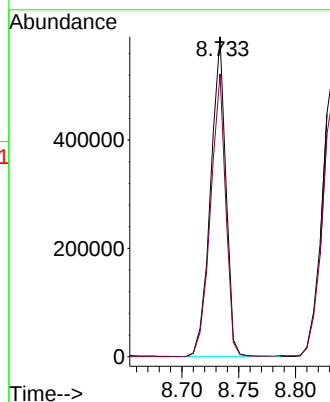
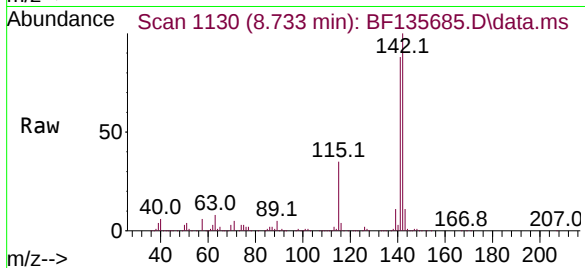
PB156053BSD

Tgt Ion:142 Resp: 550634

Ion Ratio Lower Upper

142 100

141 88.4 71.0 106.6



#38

1-Methylnaphthalene

Concen: 40.955 ng

RT: 8.833 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF135685.D

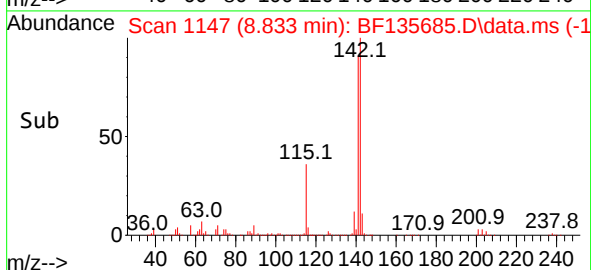
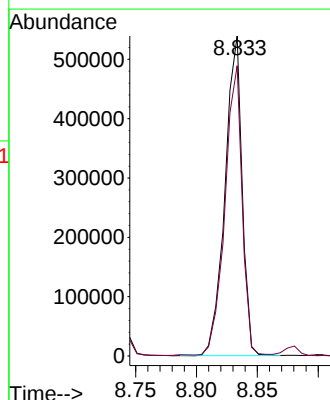
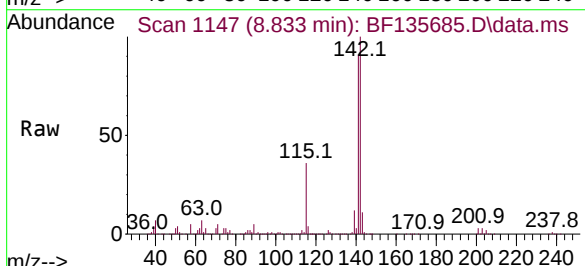
Acq: 10 Oct 2023 15:23

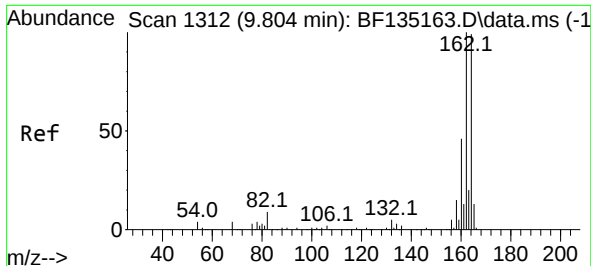
Tgt Ion:142 Resp: 527847

Ion Ratio Lower Upper

142 100

141 90.7 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

Instrument :

BNA_F

ClientSampleId :

PB156053BSD

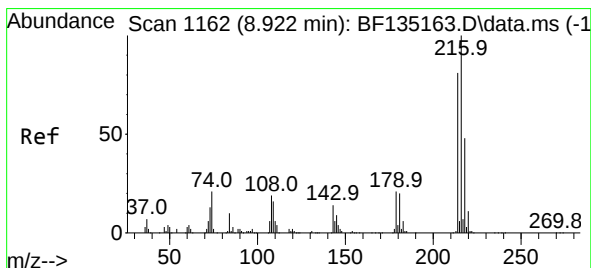
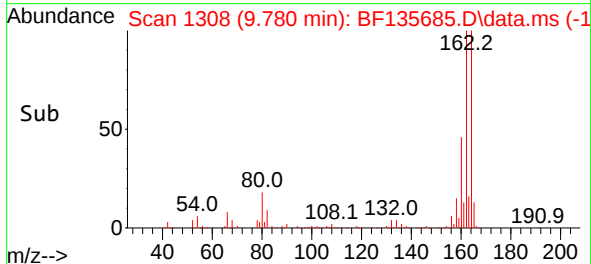
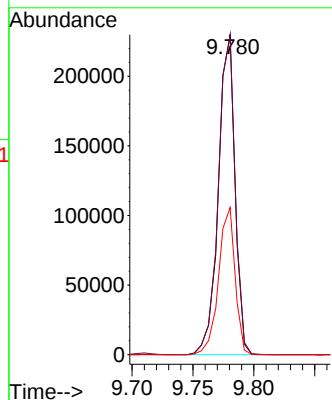
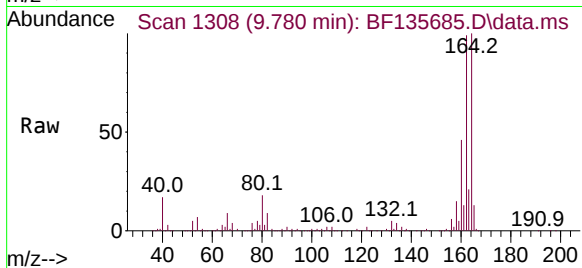
Tgt Ion:164 Resp: 218176

Ion Ratio Lower Upper

164 100

162 99.5 81.0 121.4

160 46.0 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.684 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.006 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

Tgt Ion:216 Resp: 263474

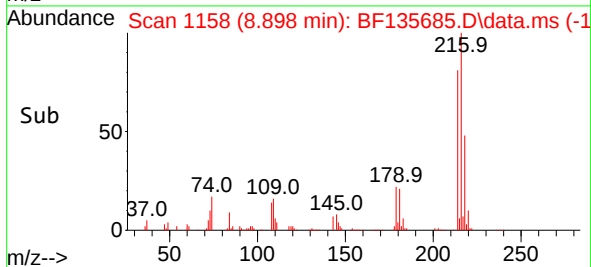
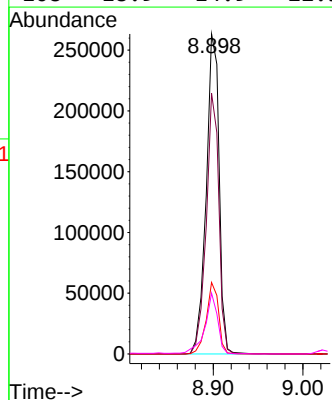
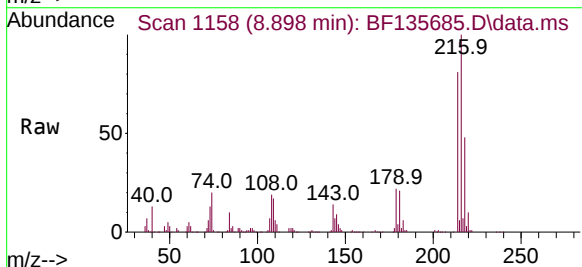
Ion Ratio Lower Upper

216 100

214 79.4 63.7 95.5

179 21.2 16.7 25.1

108 18.9 14.9 22.3

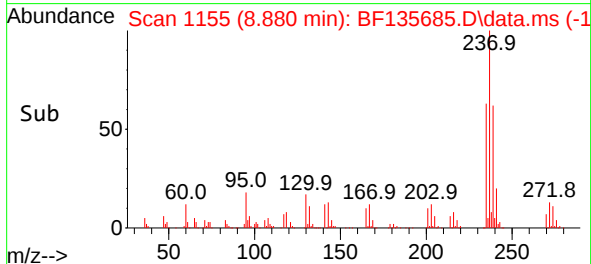
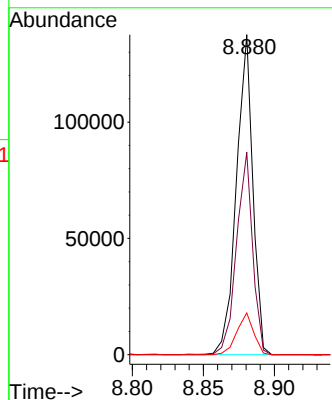
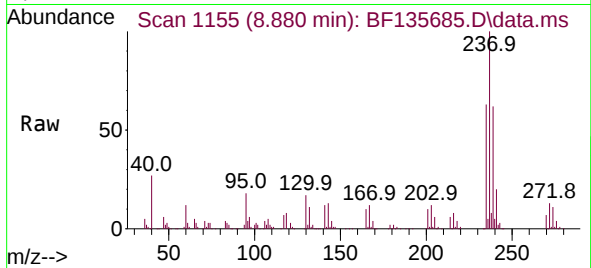




#41
Hexachlorocyclopentadiene
Concen: 43.588 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

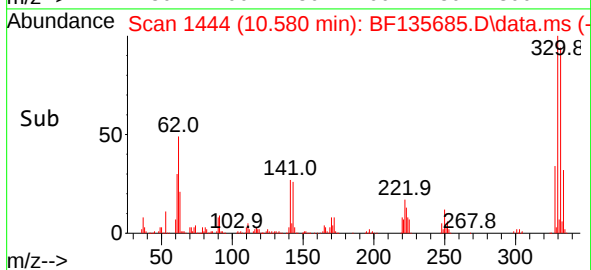
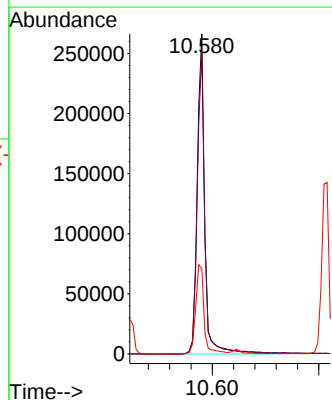
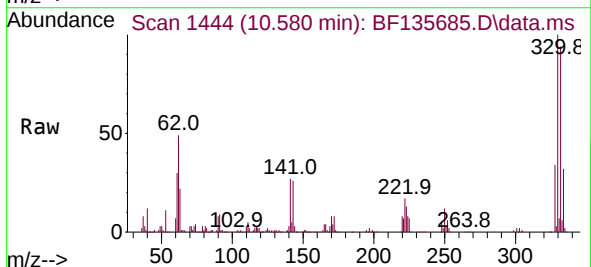
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

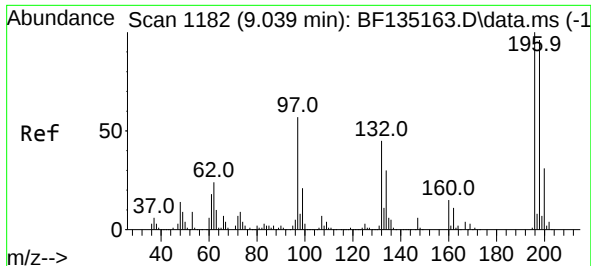
Tgt Ion:237 Resp: 111085
Ion Ratio Lower Upper
237 100
235 63.2 41.8 81.8
272 13.0 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 120.958 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion:330 Resp: 262255
Ion Ratio Lower Upper
330 100
332 93.0 77.3 115.9
141 30.7 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 40.880 ng

RT: 9.022 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

Instrument :

BNA_F

ClientSampleId :

PB156053BSD

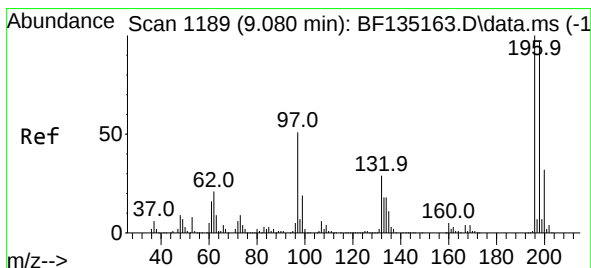
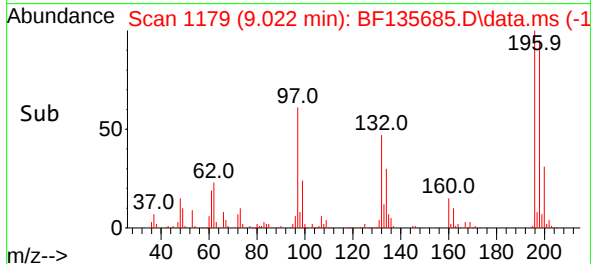
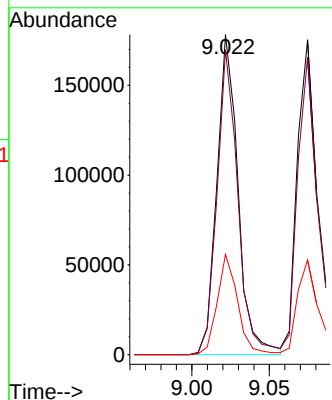
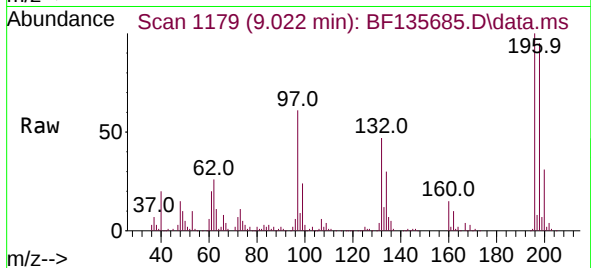
Tgt Ion:196 Resp: 169179

Ion Ratio Lower Upper

196 100

198 95.3 77.0 115.6

200 31.3 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 38.719 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

Tgt Ion:196 Resp: 184529

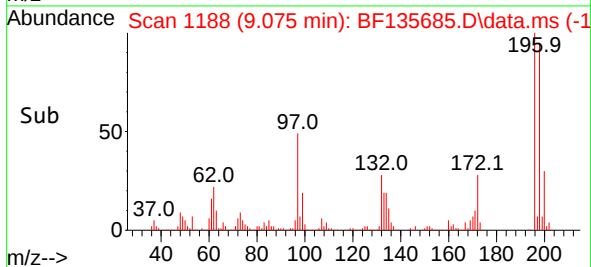
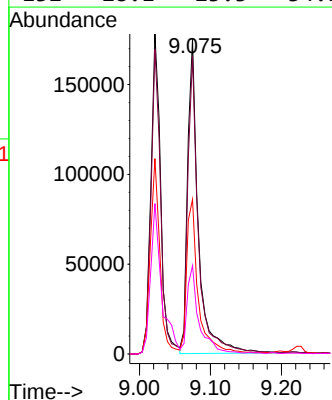
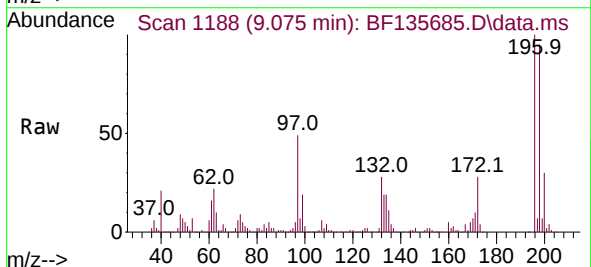
Ion Ratio Lower Upper

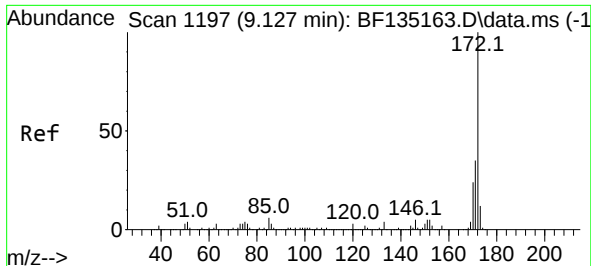
196 100

198 94.5 77.5 116.3

97 49.1 40.5 60.7

132 28.1 23.3 34.9

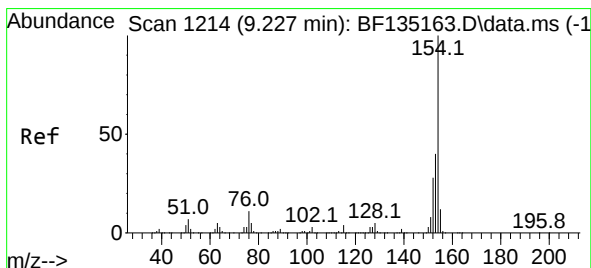
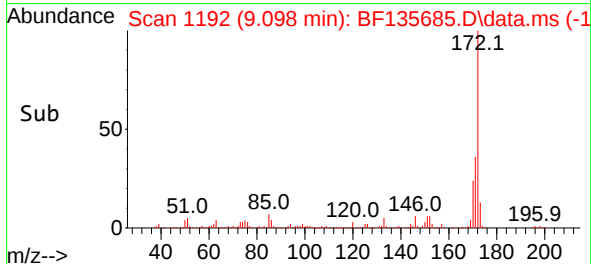
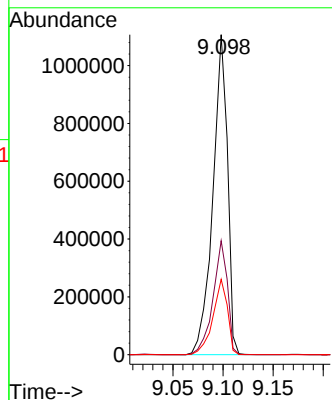
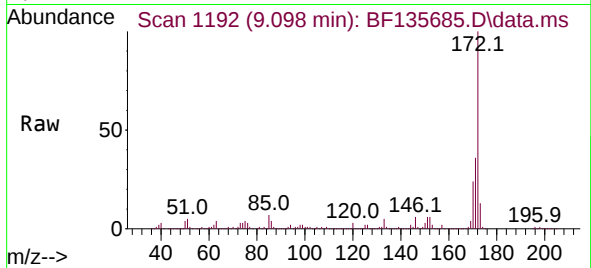




#45
2-Fluorobiphenyl
Concen: 77.571 ng
RT: 9.098 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

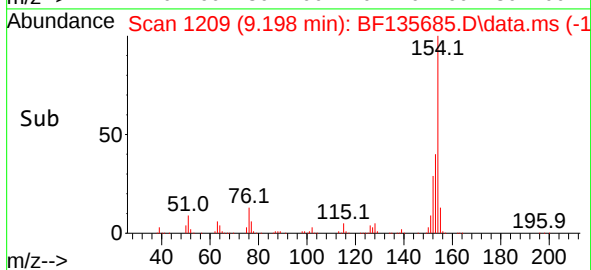
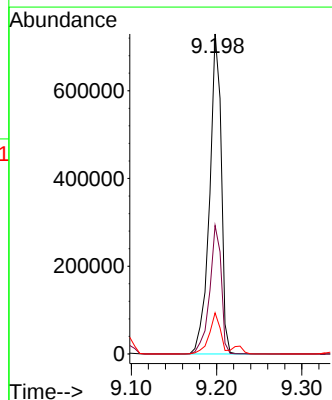
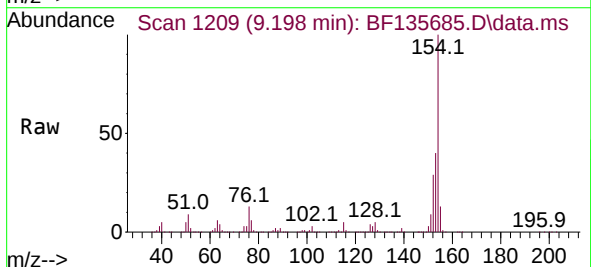
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

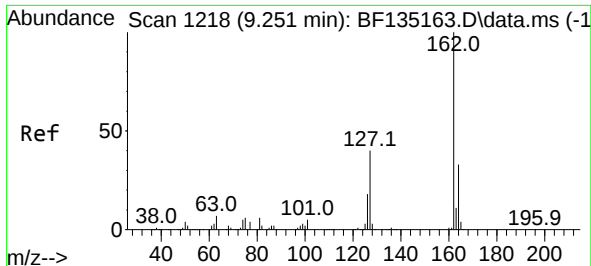
Tgt Ion:172 Resp: 1121756
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 41.436 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion:154 Resp: 694730
Ion Ratio Lower Upper
154 100
153 40.1 19.6 59.6
76 12.8 0.0 31.0

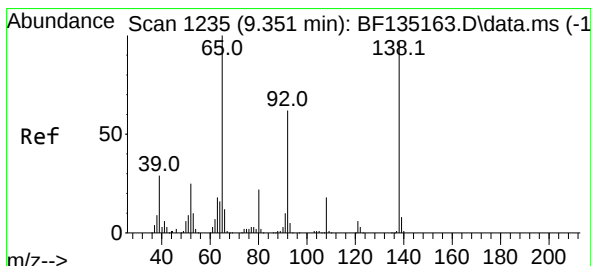
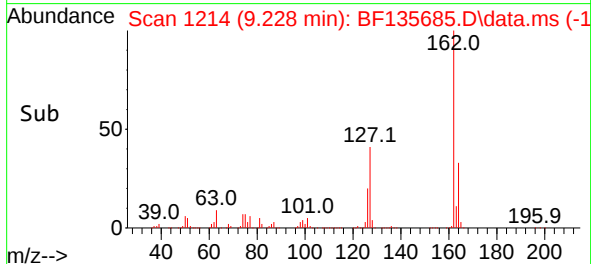
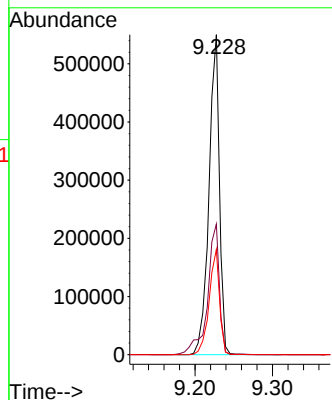
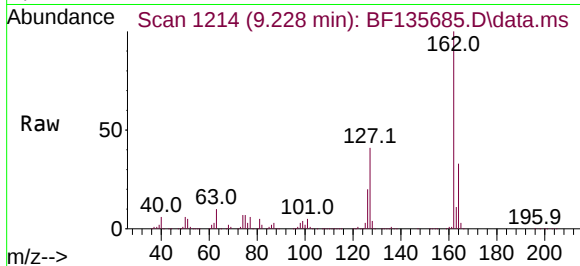




#47
2-Chloronaphthalene
Concen: 42.479 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

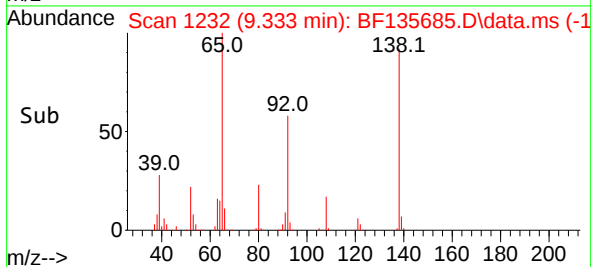
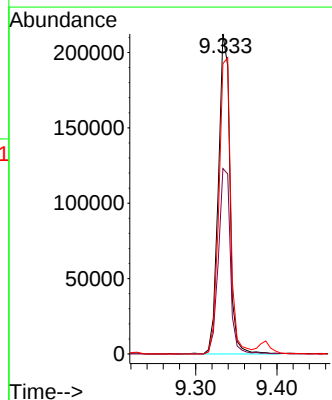
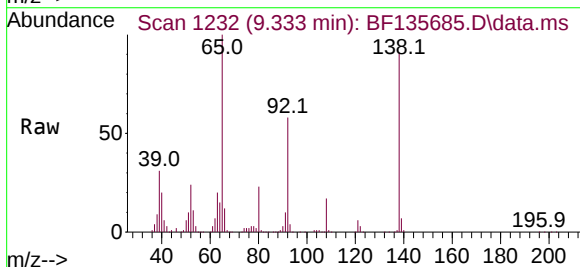
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

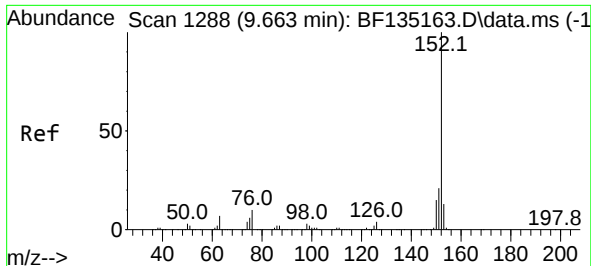
Tgt Ion:162 Resp: 516757
Ion Ratio Lower Upper
162 100
127 40.8 32.6 48.8
164 32.8 26.2 39.2



#48
2-Nitroaniline
Concen: 44.369 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion: 65 Resp: 209690
Ion Ratio Lower Upper
65 100
92 57.9 49.4 74.0
138 90.7 77.4 116.0

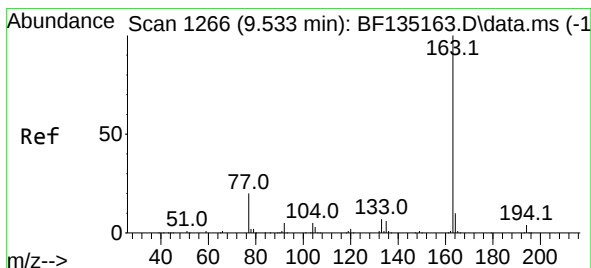
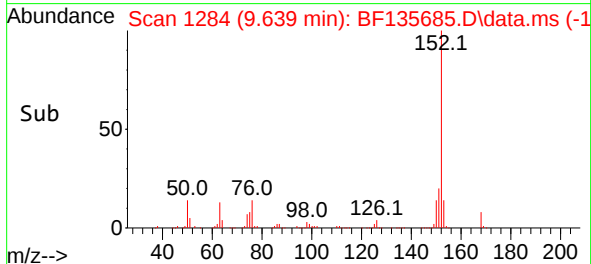
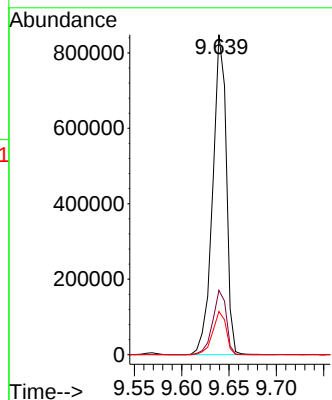
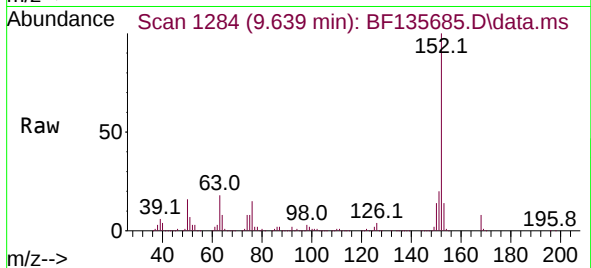




#49
Acenaphthylene
Concen: 41.787 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

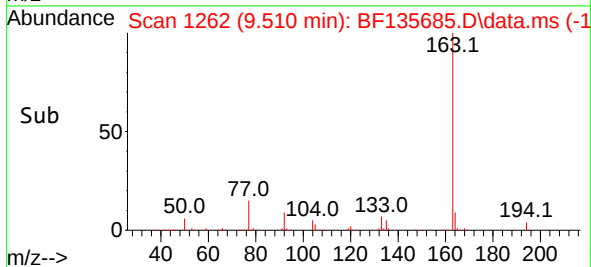
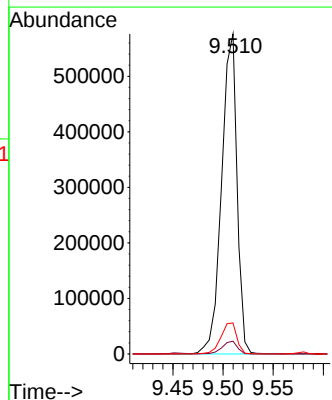
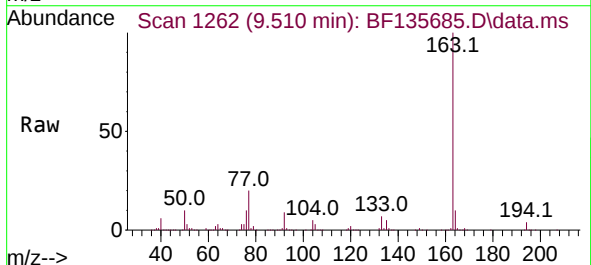
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

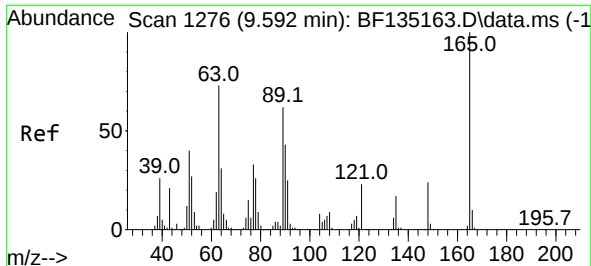
Tgt Ion:152 Resp: 844820
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.5 10.4 15.6



#50
Dimethylphthalate
Concen: 41.692 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion:163 Resp: 614992
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.7 8.1 12.1

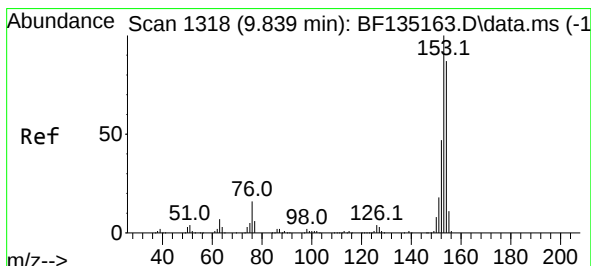
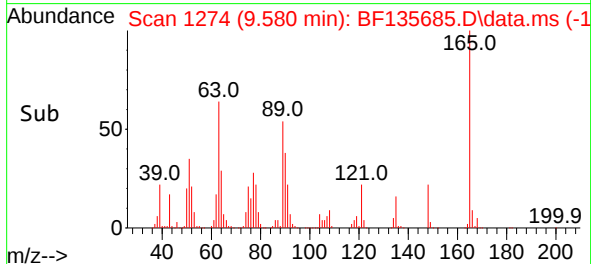
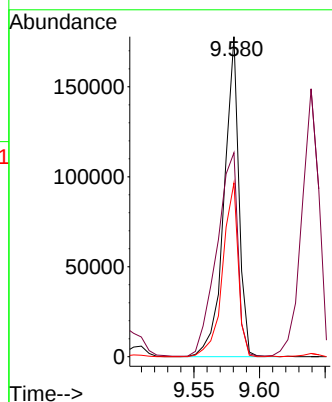
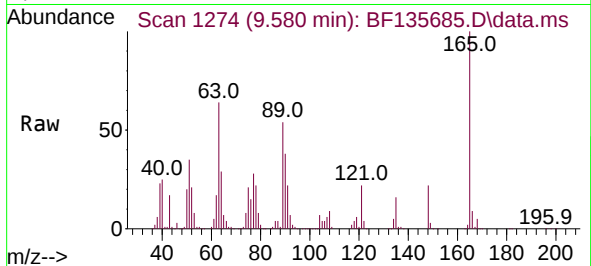




#51
2,6-Dinitrotoluene
Concen: 43.059 ng
RT: 9.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

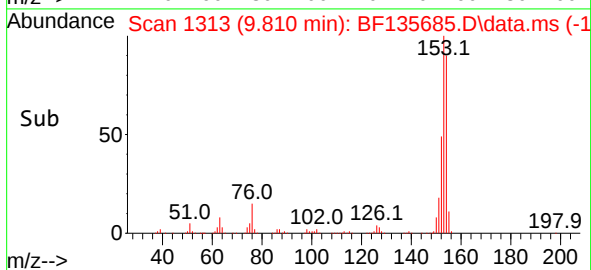
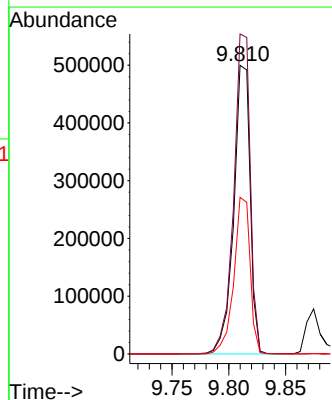
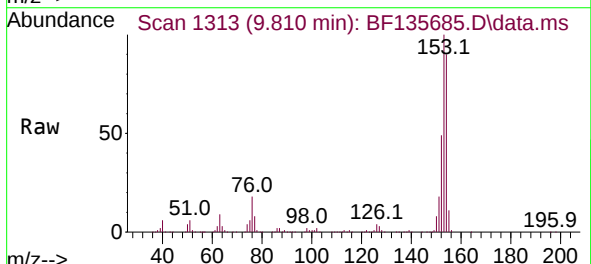
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

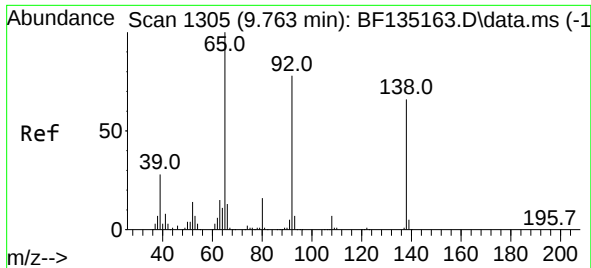
Tgt Ion:165 Resp: 139142
Ion Ratio Lower Upper
165 100
63 63.8 59.4 89.2
89 54.3 49.8 74.8



#52
Acenaphthene
Concen: 42.118 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion:154 Resp: 503034
Ion Ratio Lower Upper
154 100
153 110.9 92.1 138.1
152 54.3 43.1 64.7

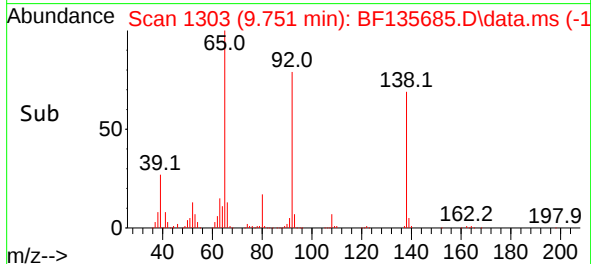
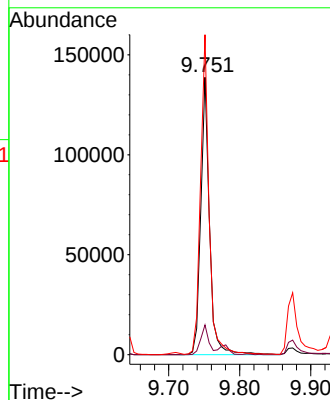
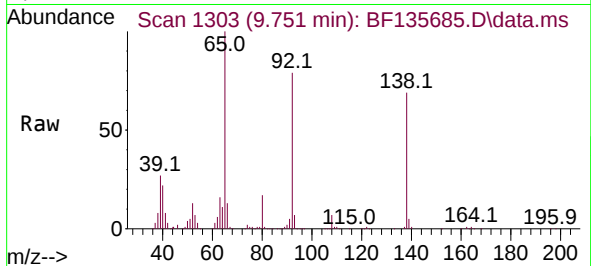




#53
3-Nitroaniline
Concen: 31.357 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

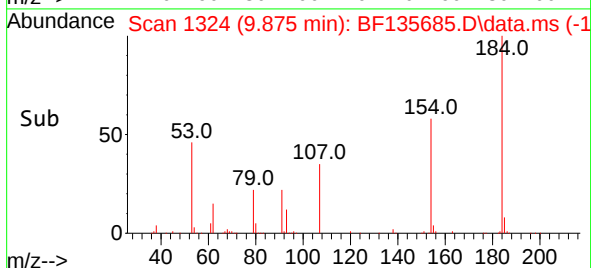
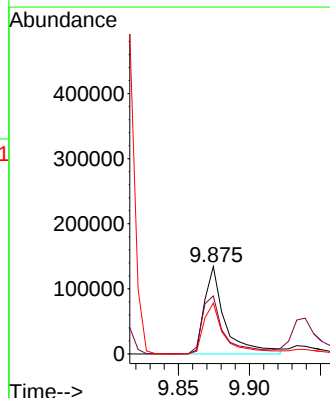
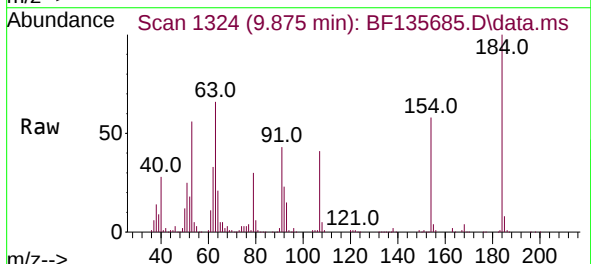
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

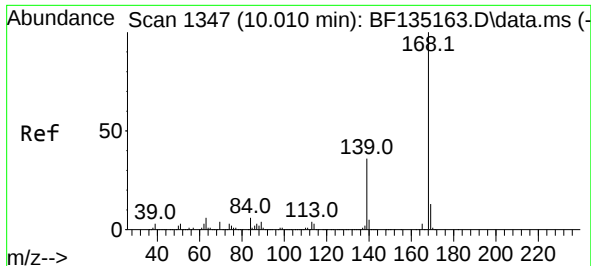
Tgt Ion:138 Resp: 118944
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 115.3 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 74.416 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion:184 Resp: 135647
Ion Ratio Lower Upper
184 100
63 66.4 55.1 82.7
154 58.2 48.4 72.6

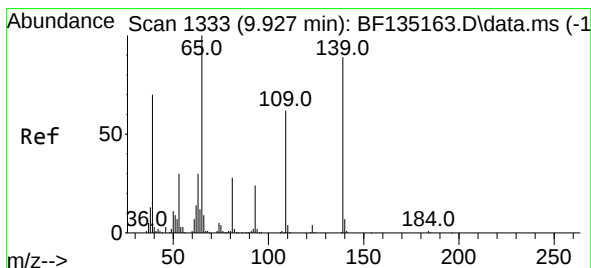
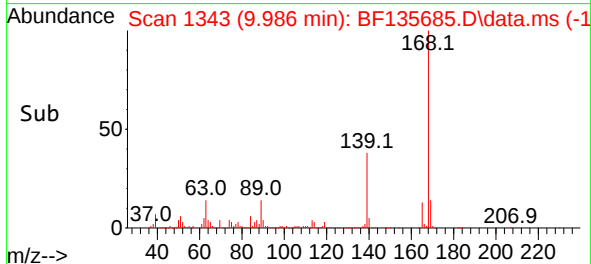
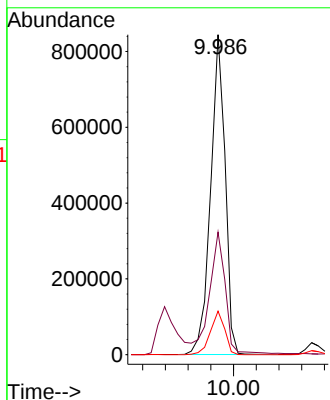
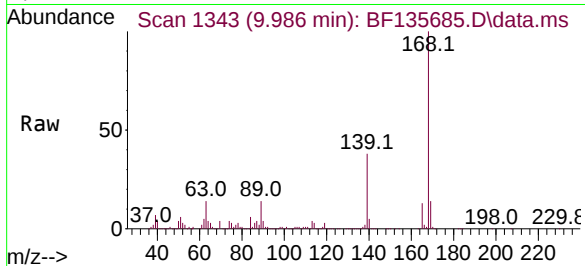




#55
Dibenzenofuran
Concen: 41.098 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

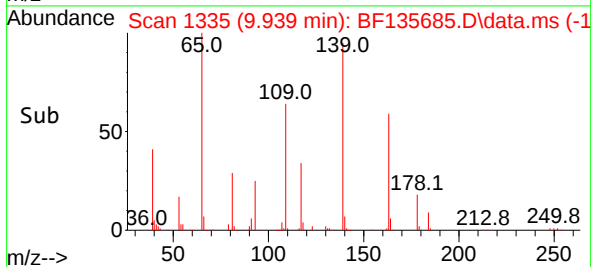
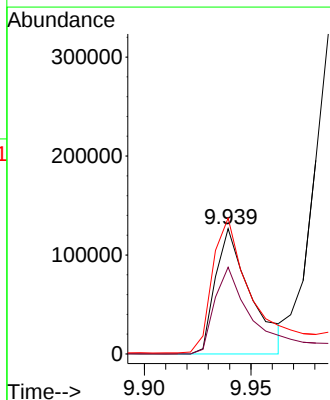
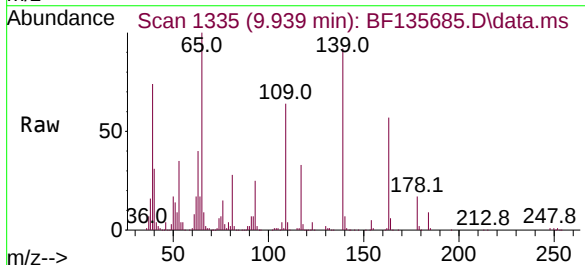
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

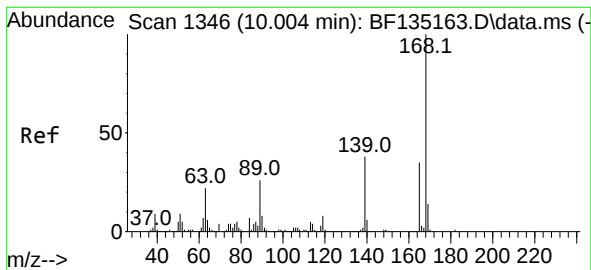
Tgt Ion:168 Resp: 749019
Ion Ratio Lower Upper
168 100
139 38.3 29.0 43.6
169 13.6 10.4 15.6



#56
4-Nitrophenol
Concen: 60.370 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion:139 Resp: 145536
Ion Ratio Lower Upper
139 100
109 69.2 49.8 89.8
65 108.5 92.7 132.7

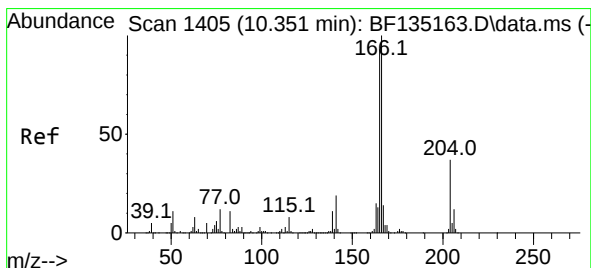
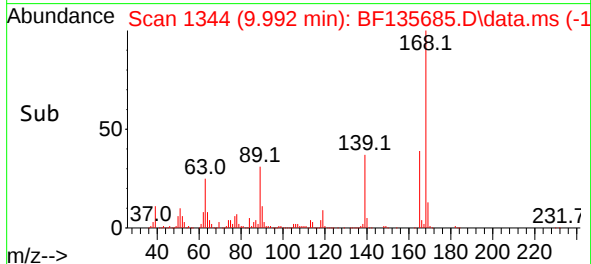
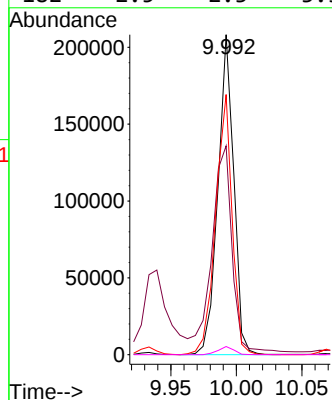
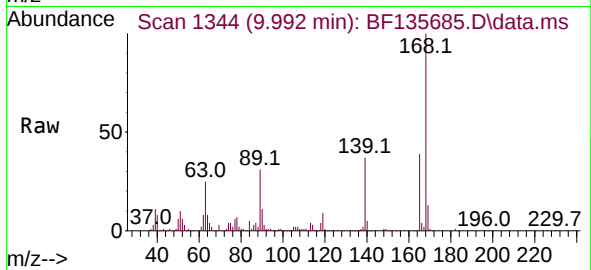




#57
2,4-Dinitrotoluene
Concen: 43.161 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

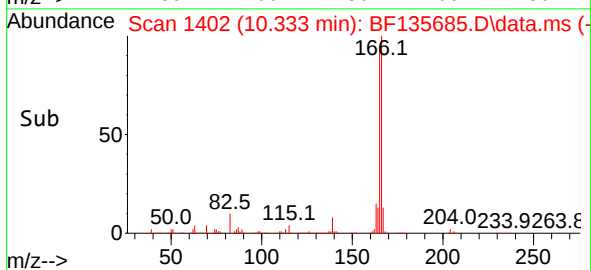
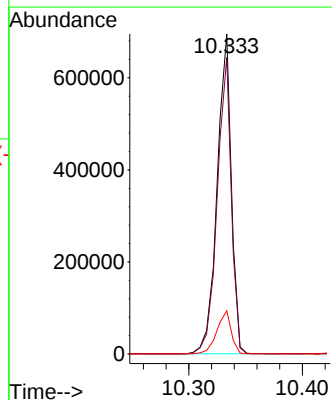
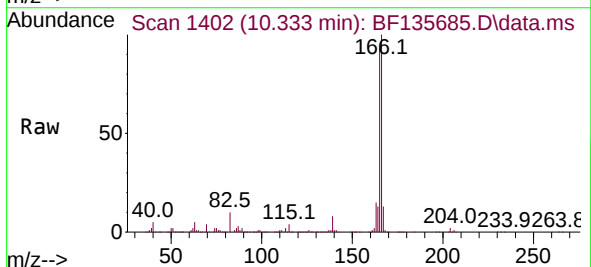
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

Tgt Ion:165 Resp: 174608
Ion Ratio Lower Upper
165 100
63 65.2 50.1 75.1
89 81.3 59.3 88.9
182 2.5 2.3 3.5



#58
Fluorene
Concen: 43.193 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion:166 Resp: 605179
Ion Ratio Lower Upper
166 100
165 92.7 74.3 111.5
167 13.5 10.9 16.3

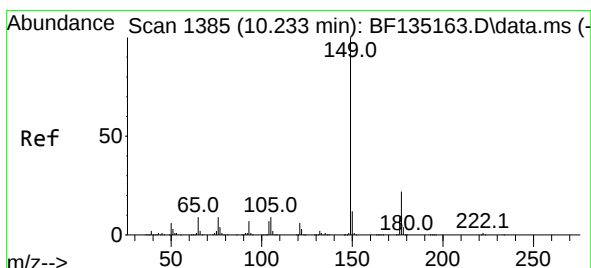
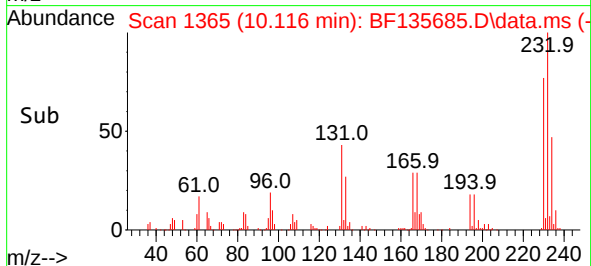
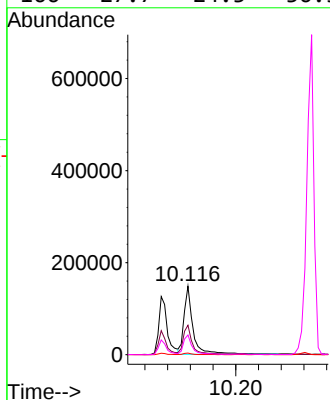
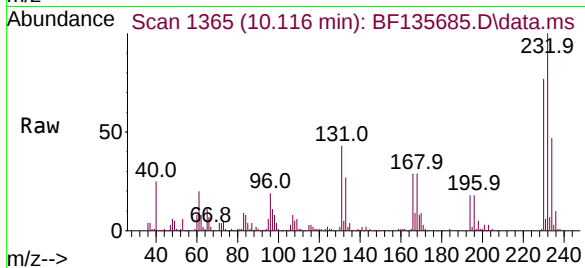




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.320 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

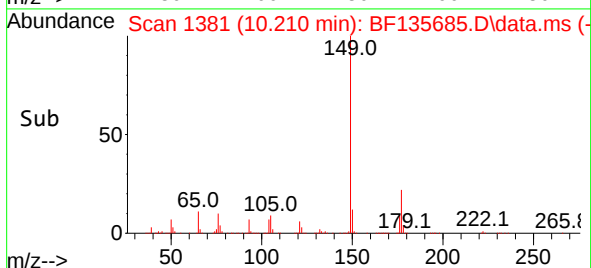
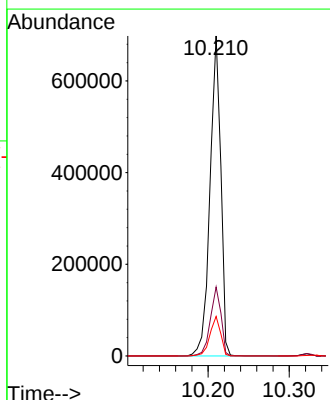
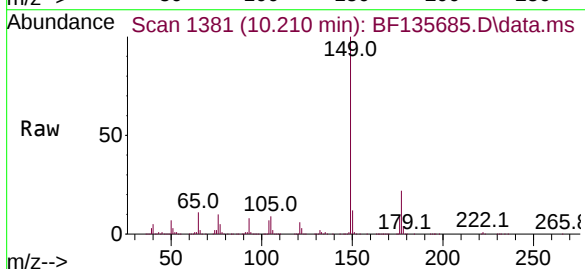
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

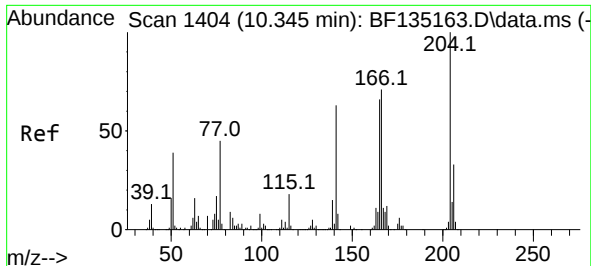
Tgt Ion:232 Resp: 162482
Ion Ratio Lower Upper
232 100
131 41.5 35.4 53.2
130 2.4 1.8 2.8
166 27.7 24.3 36.5



#60
Diethylphthalate
Concen: 43.305 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion:149 Resp: 641078
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.6
150 12.3 10.0 15.0

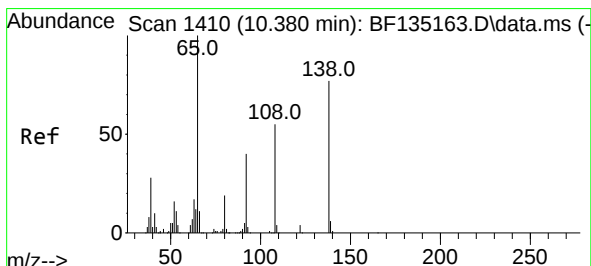
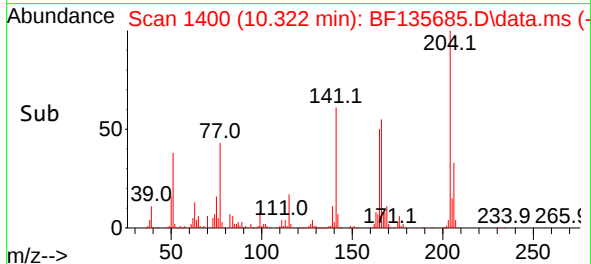
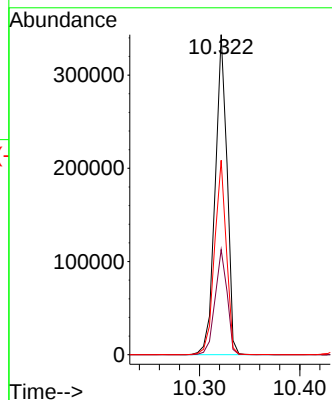
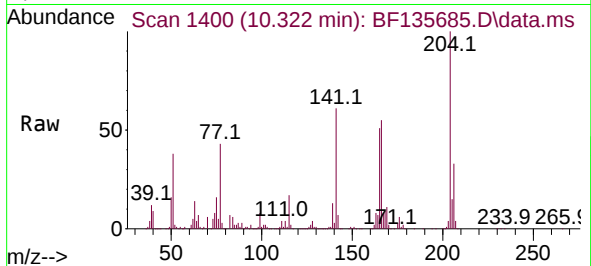




#61
4-Chlorophenyl-phenylether
Concen: 41.912 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

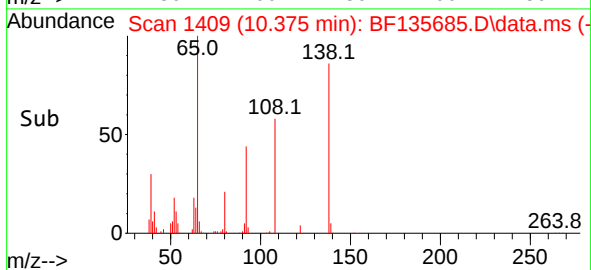
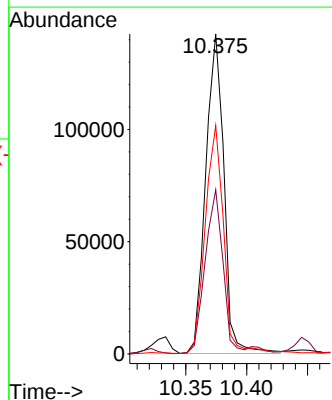
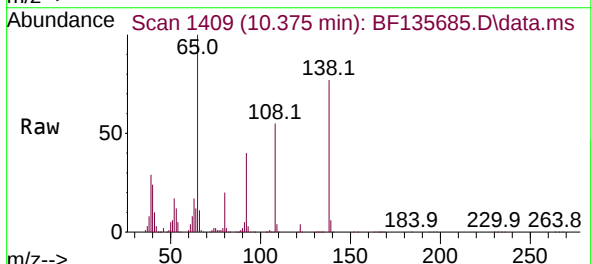
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

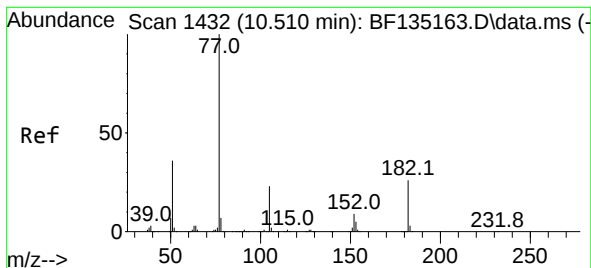
Tgt Ion:204 Resp: 282088
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 60.8 50.6 75.8



#62
4-Nitroaniline
Concen: 40.512 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion:138 Resp: 147712
Ion Ratio Lower Upper
138 100
92 51.3 31.8 71.8
108 71.4 52.0 92.0





#63

Azobenzene

Concen: 42.151 ng

RT: 10.486 min Scan# 1432

Delta R.T. -0.000 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

Instrument :

BNA_F

ClientSampleId :

PB156053BSD

Tgt Ion: 77 Resp: 610707

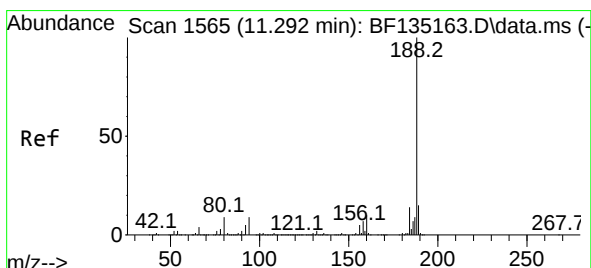
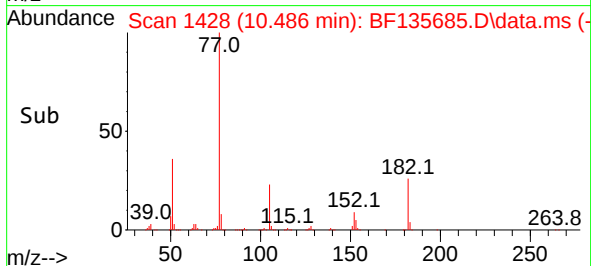
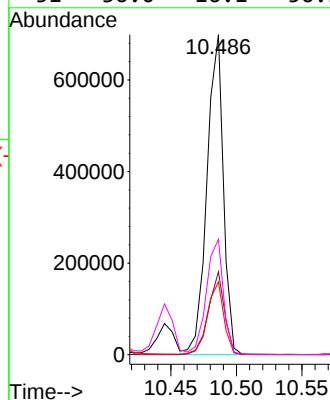
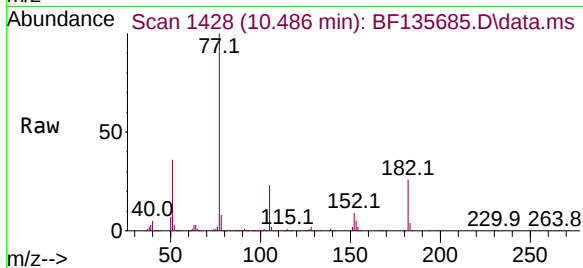
Ion Ratio Lower Upper

77 100

182 25.9 6.4 46.4

105 22.8 3.1 43.1

51 36.0 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 1562

Delta R.T. -0.000 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

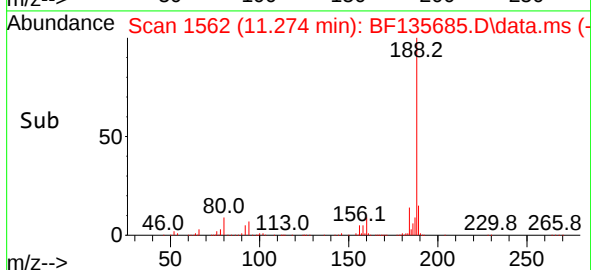
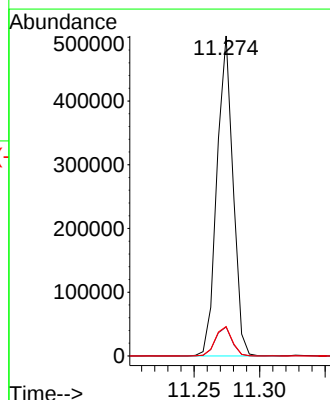
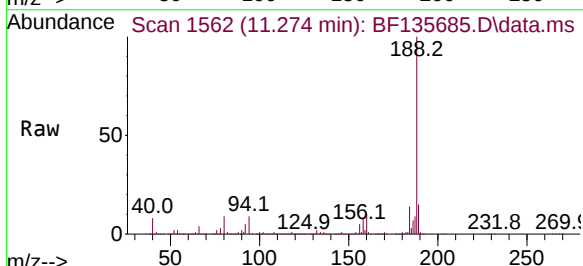
Tgt Ion: 188 Resp: 427817

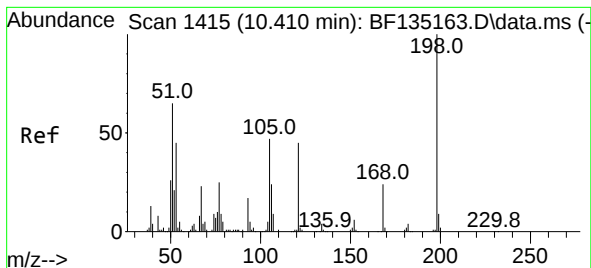
Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

80 9.2 7.5 11.3

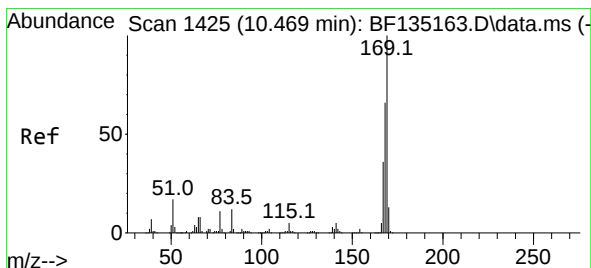
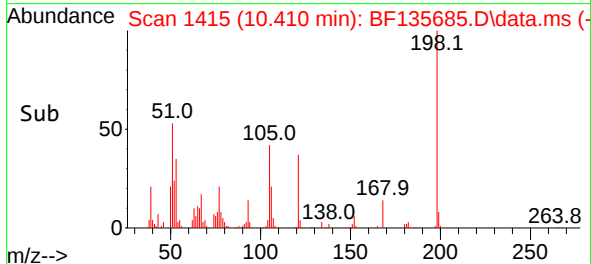
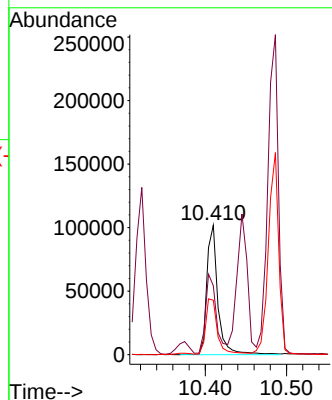
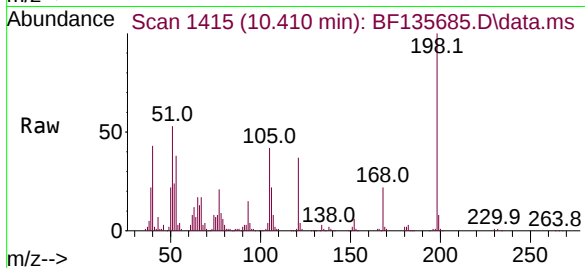




#65
4,6-Dinitro-2-methylphenol
Concen: 42.129 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

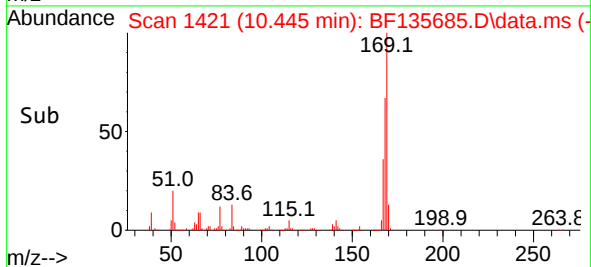
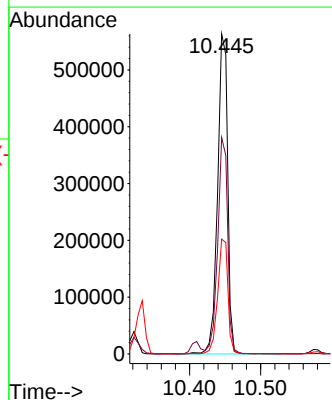
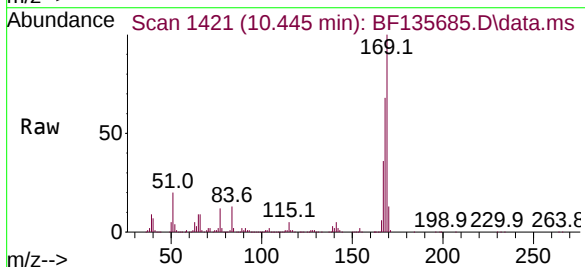
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

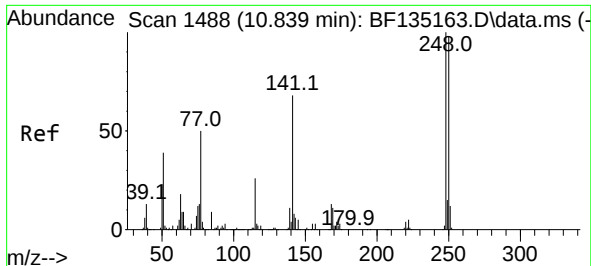
Tgt Ion:198 Resp: 95729
Ion Ratio Lower Upper
198 100
51 53.3 47.7 87.7
105 42.0 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 42.694 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion:169 Resp: 552970
Ion Ratio Lower Upper
169 100
168 67.7 52.8 79.2
167 35.9 29.0 43.6

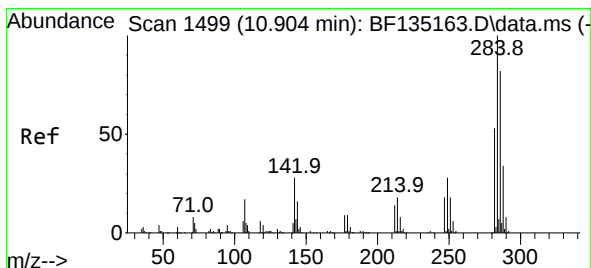
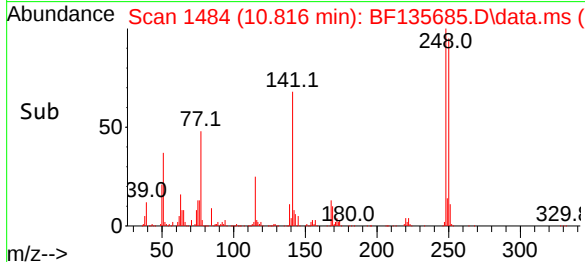
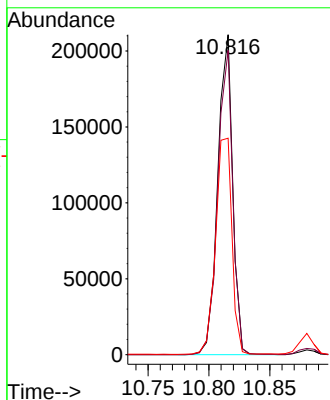
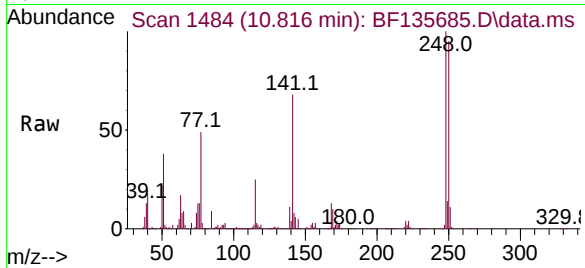




#67
4-Bromophenyl-phenylether
Concen: 42.144 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

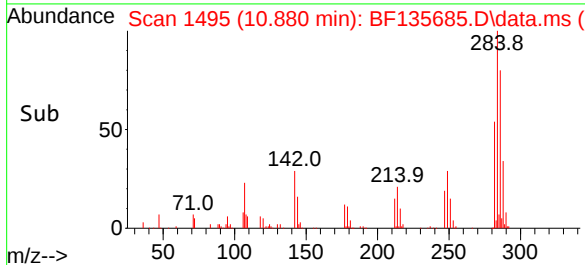
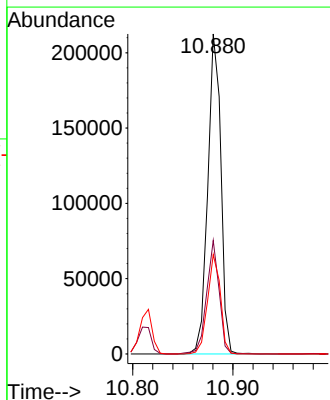
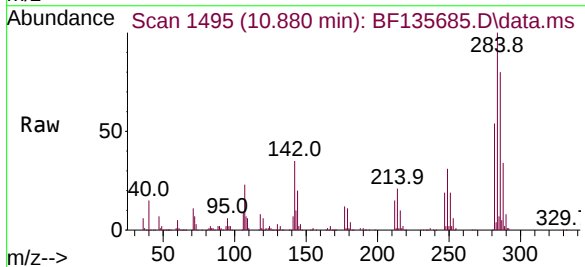
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

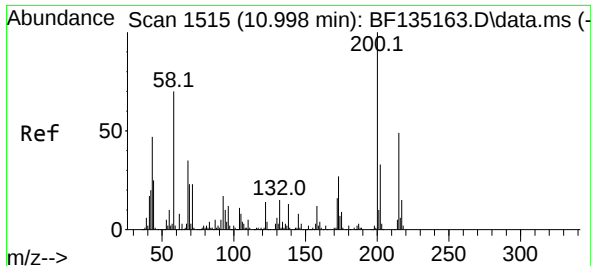
Tgt Ion:248 Resp: 179321
Ion Ratio Lower Upper
248 100
250 95.1 78.6 117.8
141 67.7 54.2 81.2



#68
Hexachlorobenzene
Concen: 44.585 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion:284 Resp: 193267
Ion Ratio Lower Upper
284 100
142 35.5 22.2 33.4#
249 31.1 22.5 33.7

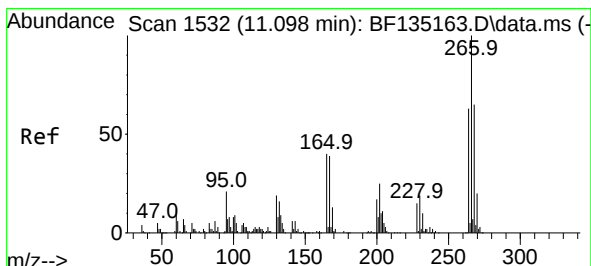
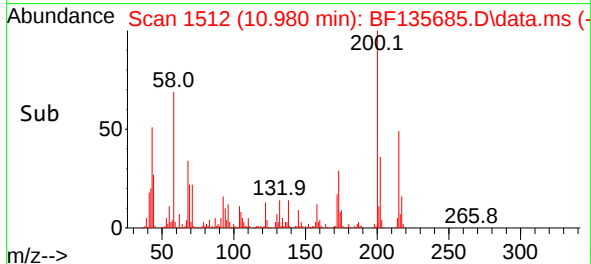
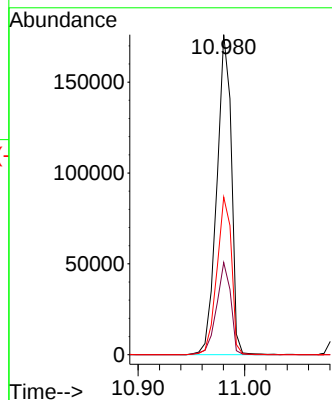
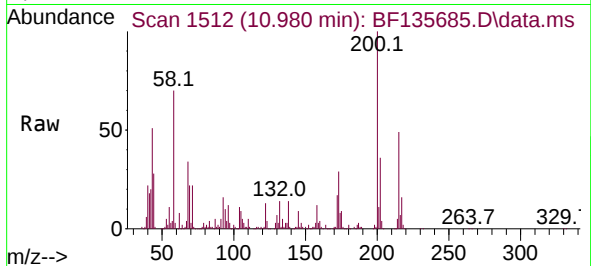




#69
 Atrazine
 Concen: 47.953 ng
 RT: 10.980 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF135685.D
 Acq: 10 Oct 2023 15:23

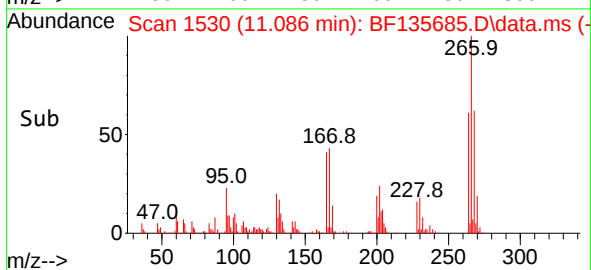
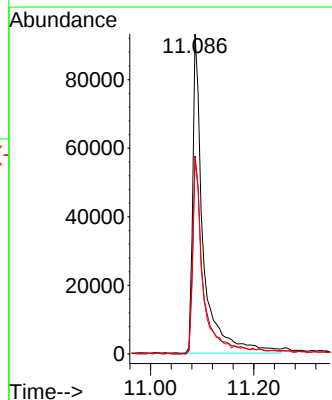
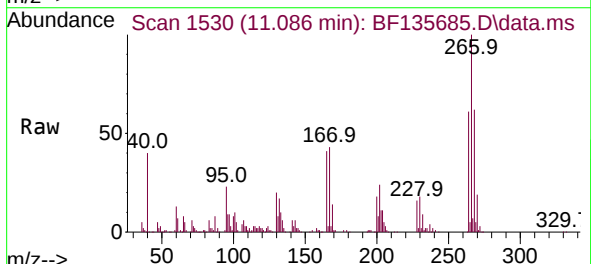
Instrument :
 BNA_F
 ClientSampleId :
 PB156053BSD

Tgt Ion:200 Resp: 167117
 Ion Ratio Lower Upper
 200 100
 173 28.8 7.4 47.4
 215 49.2 28.6 68.6



#70
 Pentachlorophenol
 Concen: 50.910 ng
 RT: 11.086 min Scan# 1530
 Delta R.T. -0.000 min
 Lab File: BF135685.D
 Acq: 10 Oct 2023 15:23

Tgt Ion:266 Resp: 132036
 Ion Ratio Lower Upper
 266 100
 268 61.9 52.1 78.1
 264 61.1 50.8 76.2





#71

Phenanthrene

Concen: 43.118 ng

RT: 11.298 min Scan# 1566

Delta R.T. -0.000 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

Instrument :

BNA_F

ClientSampleId :

PB156053BSD

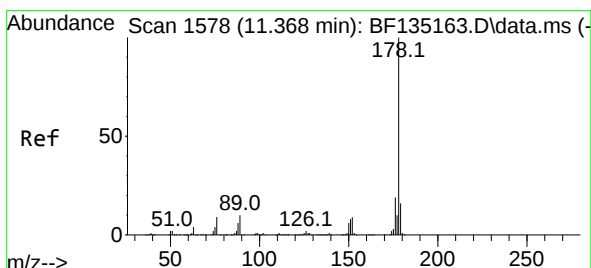
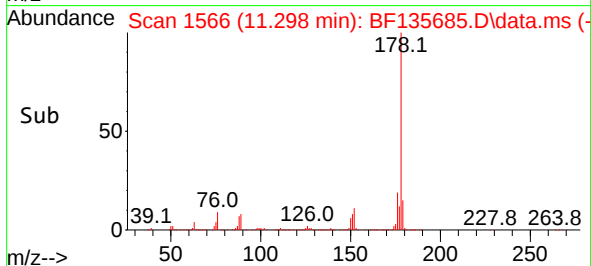
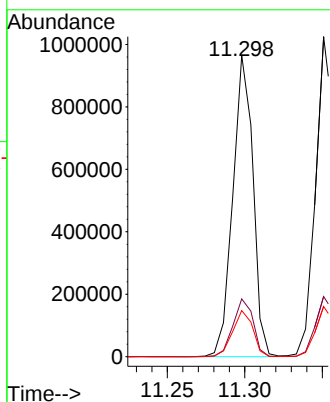
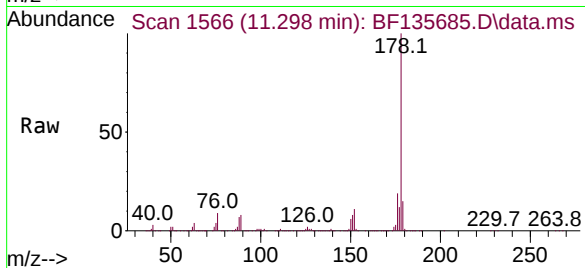
Tgt Ion:178 Resp: 872448

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

179 15.3 12.0 18.0



#72

Anthracene

Concen: 42.603 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

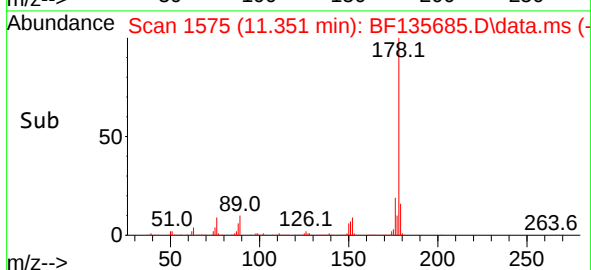
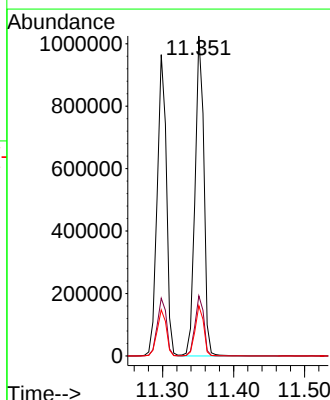
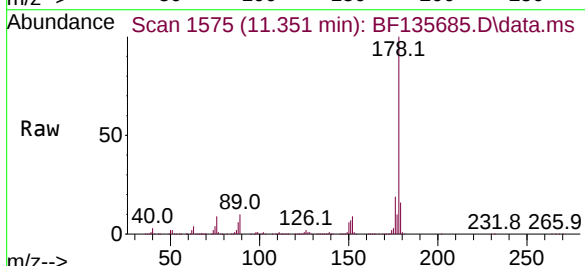
Tgt Ion:178 Resp: 886063

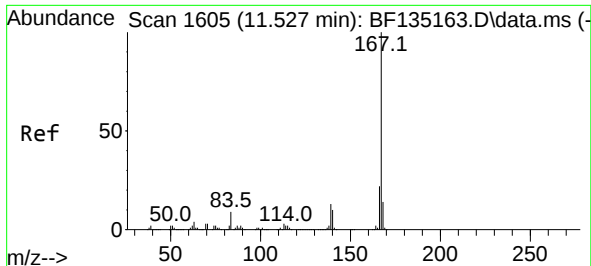
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

179 15.7 12.6 19.0

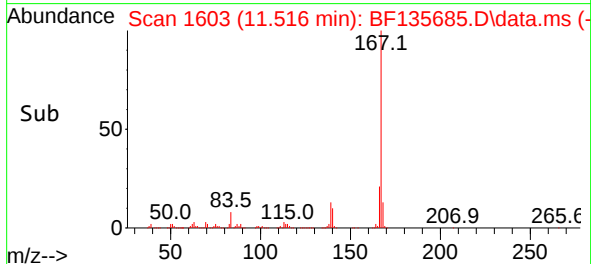
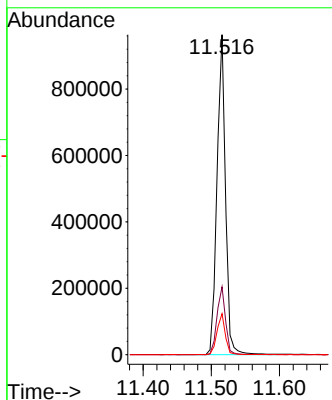
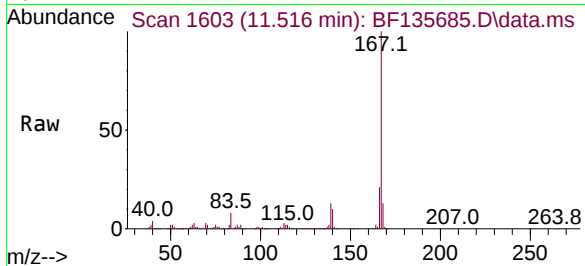




#73
Carbazole
Concen: 44.137 ng
RT: 11.516 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

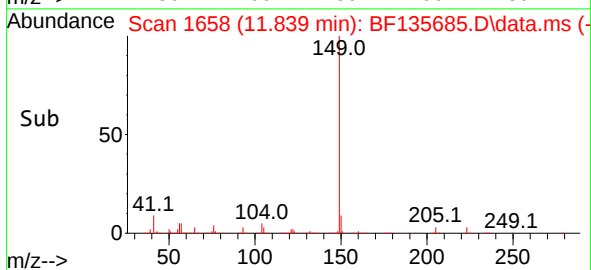
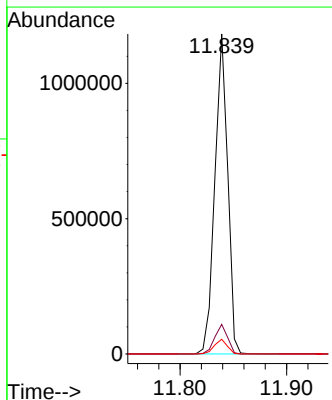
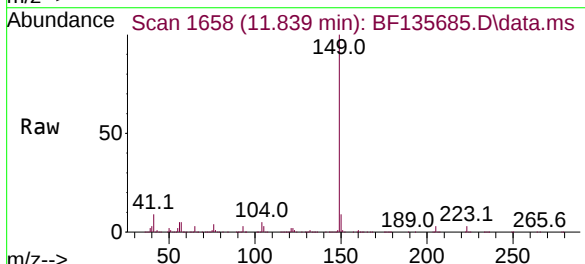
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

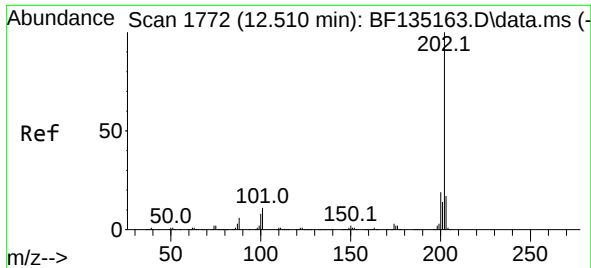
Tgt Ion:167 Resp: 835656
Ion Ratio Lower Upper
167 100
166 21.2 17.4 26.0
139 12.8 10.6 15.8



#74
Di-n-butylphthalate
Concen: 44.341 ng
RT: 11.839 min Scan# 1658
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion:149 Resp: 989231
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 4.6 3.6 5.4

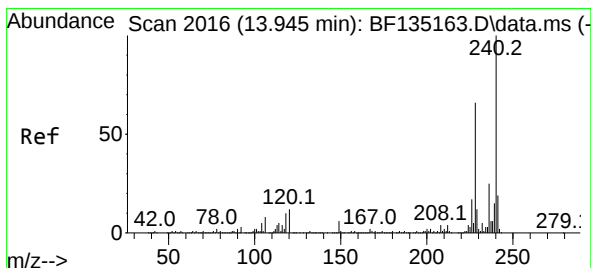
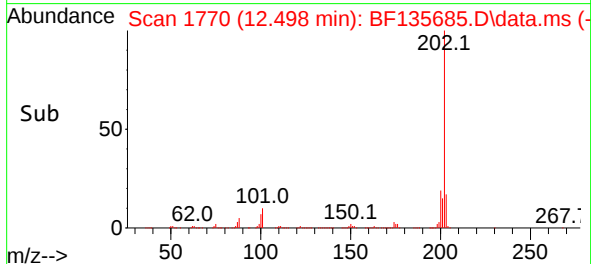
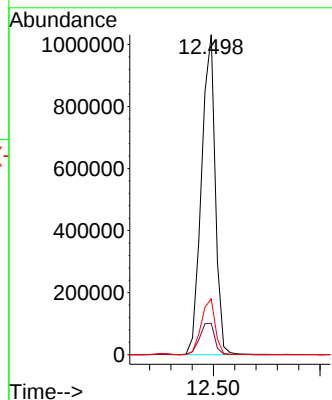
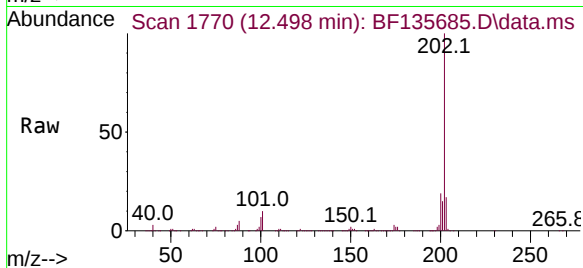




#75
Fluoranthene
Concen: 44.183 ng
RT: 12.498 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

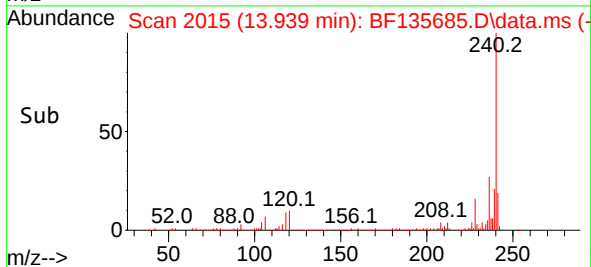
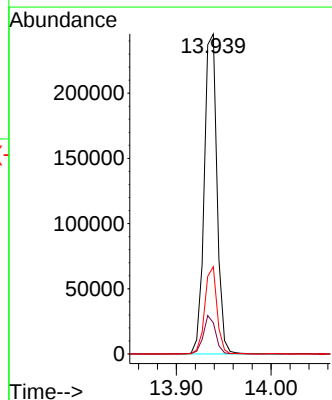
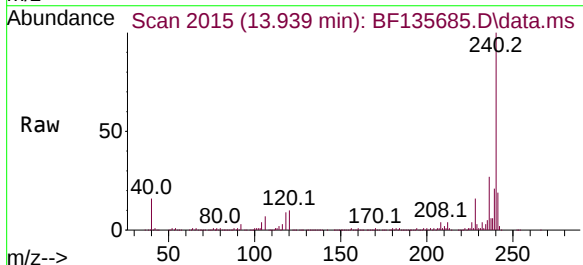
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

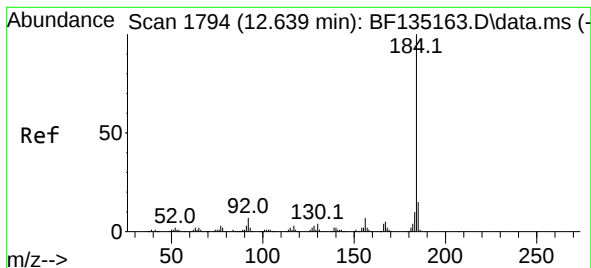
Tgt Ion:202 Resp: 931534
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.3
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion:240 Resp: 229729
Ion Ratio Lower Upper
240 100
120 9.7 9.4 14.2
236 27.3 19.8 29.8





#77

Benzidine

Concen: 37.596 ng

RT: 12.627 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

Instrument :

BNA_F

ClientSampleId :

PB156053BSD

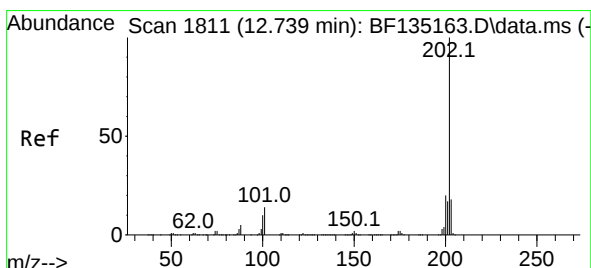
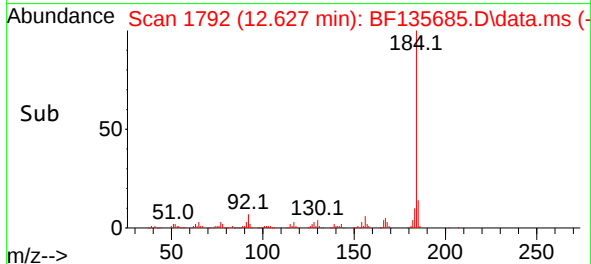
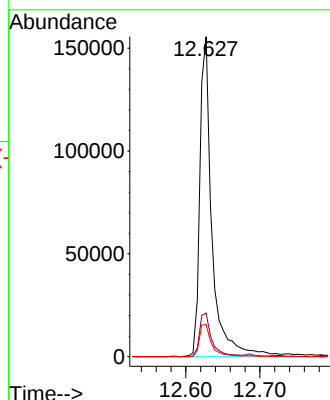
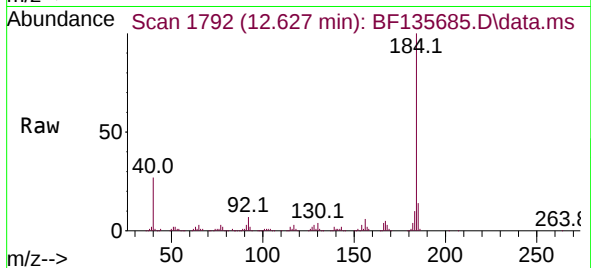
Tgt Ion:184 Resp: 176942

Ion Ratio Lower Upper

184 100

185 13.6 11.7 17.5

183 10.1 8.2 12.4



#78

Pyrene

Concen: 42.983 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

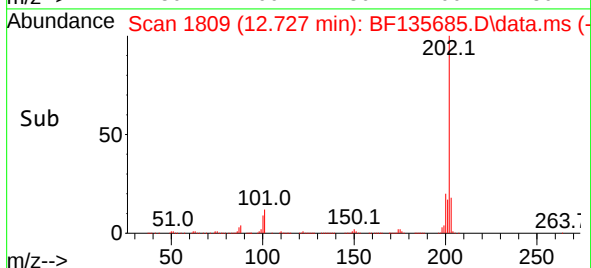
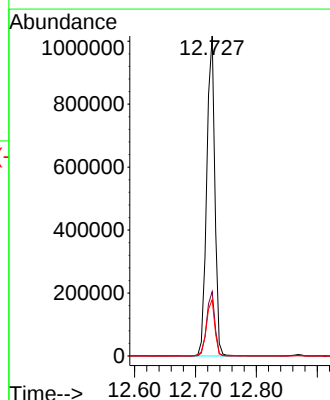
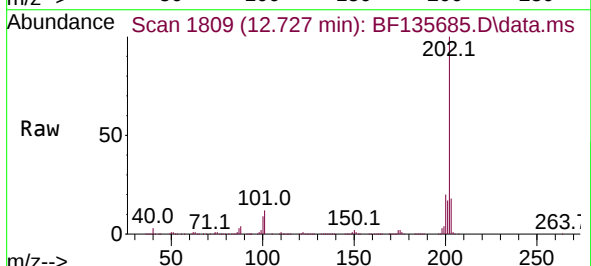
Tgt Ion:202 Resp: 940130

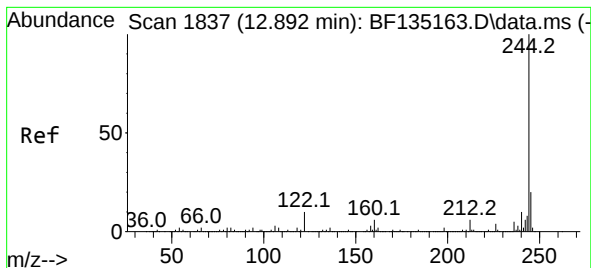
Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.2

203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 79.616 ng

RT: 12.868 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

Instrument :

BNA_F

ClientSampleId :

PB156053BSD

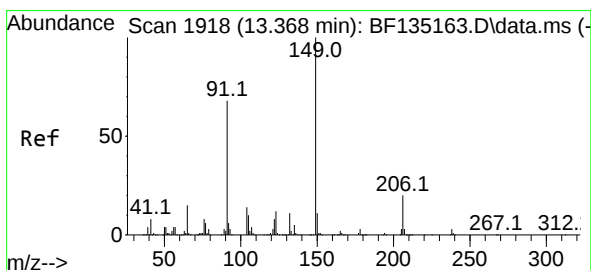
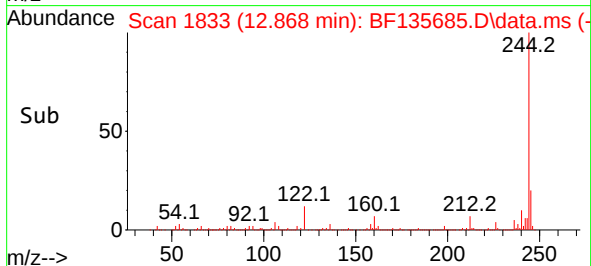
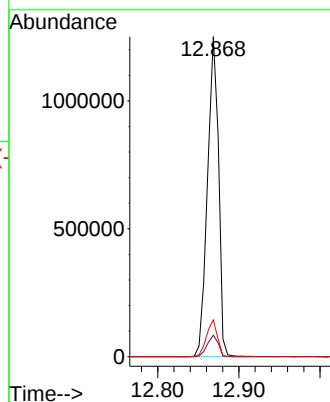
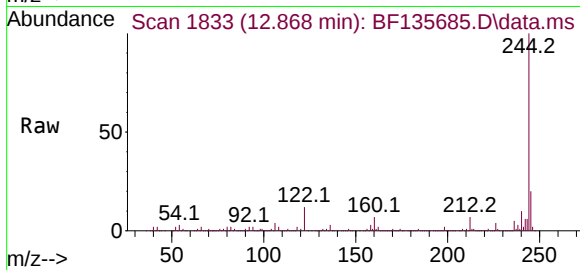
Tgt Ion:244 Resp: 1179864

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 11.5 7.9 11.9



#80

Butylbenzylphthalate

Concen: 46.951 ng

RT: 13.345 min Scan# 1914

Delta R.T. -0.000 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

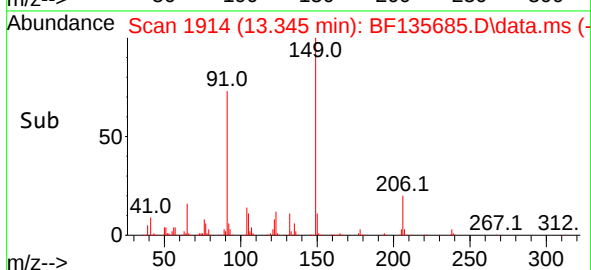
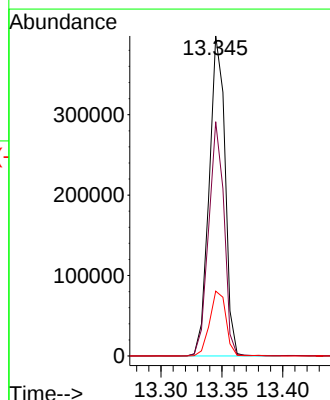
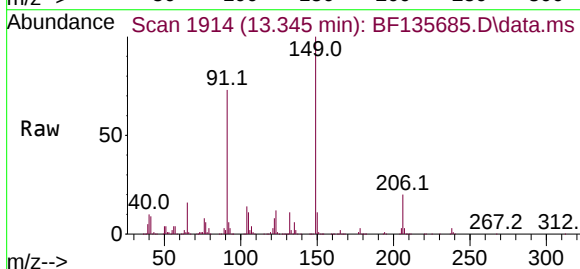
Tgt Ion:149 Resp: 361560

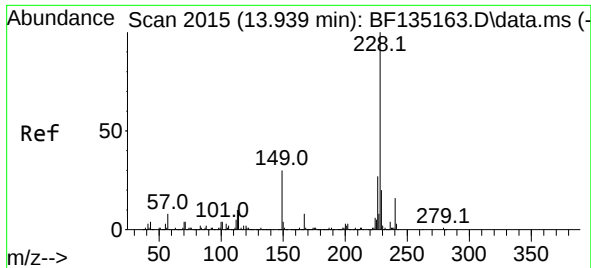
Ion Ratio Lower Upper

149 100

91 73.2 54.7 82.1

206 20.3 16.3 24.5

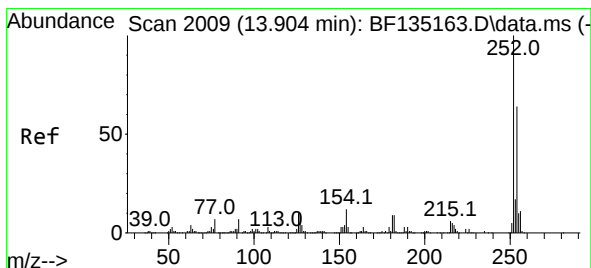
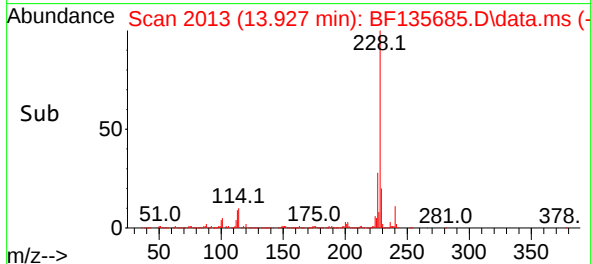
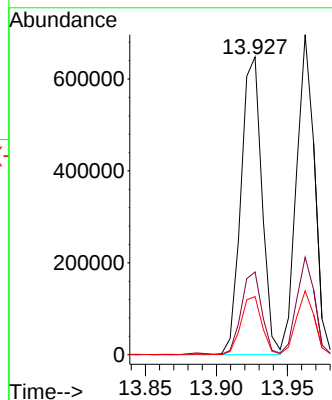
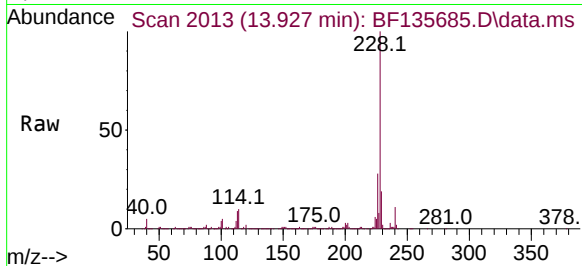




#81
Benzo(a)anthracene
Concen: 44.753 ng
RT: 13.927 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

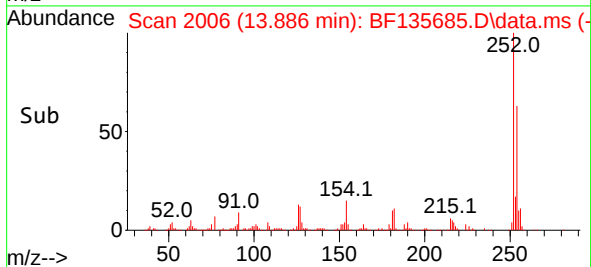
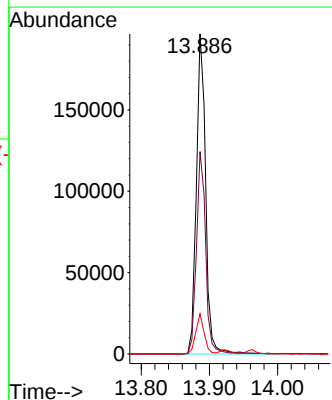
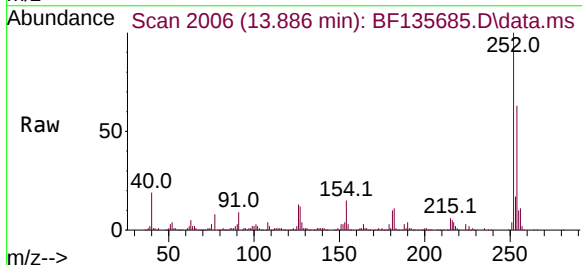
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

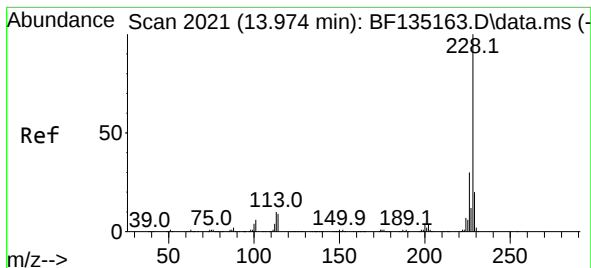
Tgt Ion:228 Resp: 663876
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 19.5 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 40.028 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion:252 Resp: 185470
Ion Ratio Lower Upper
252 100
254 63.2 51.0 76.4
126 12.6 7.8 11.8#





#83

Chrysene

Concen: 41.842 ng

RT: 13.963 min Scan# 2010

Delta R.T. -0.000 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

Instrument :

BNA_F

ClientSampleId :

PB156053BSD

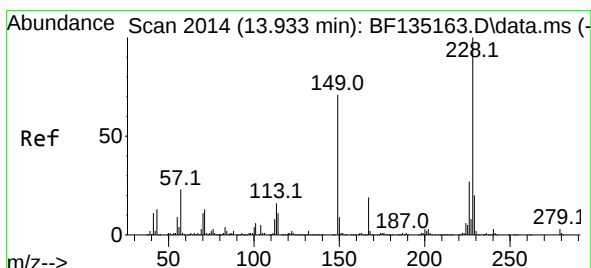
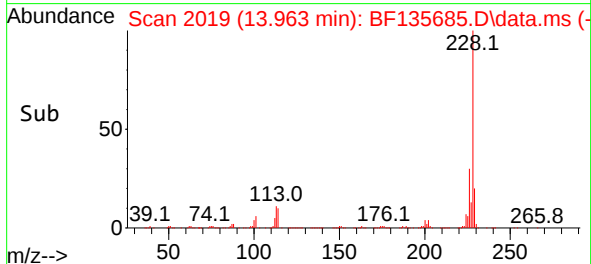
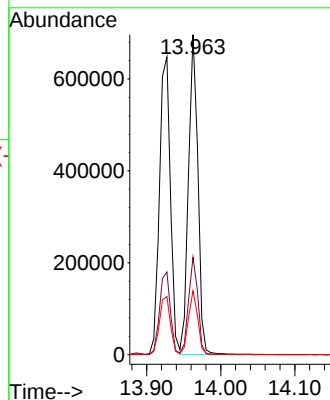
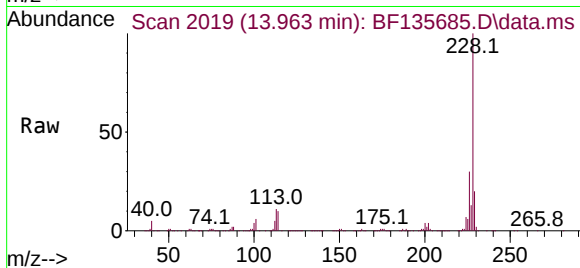
Tgt Ion:228 Resp: 617108

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.404 ng

RT: 13.910 min Scan# 2010

Delta R.T. -0.000 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

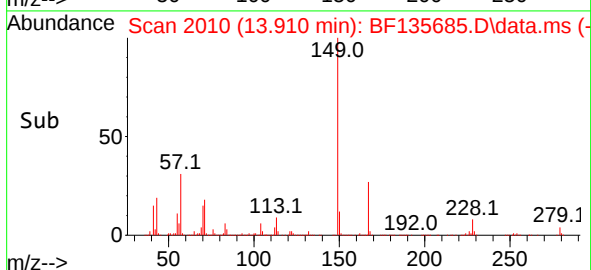
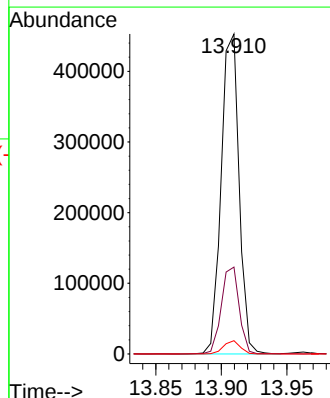
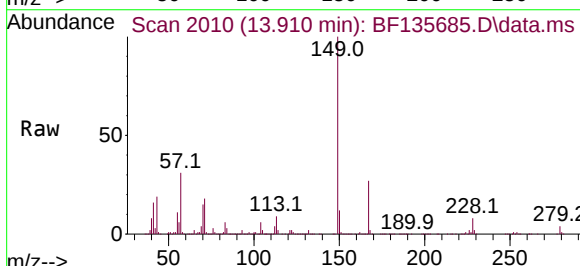
Tgt Ion:149 Resp: 429920

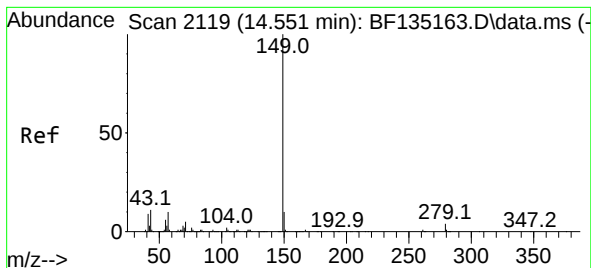
Ion Ratio Lower Upper

149 100

167 27.1 21.9 32.9

279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 47.300 ng

RT: 14.521 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

Instrument :

BNA_F

ClientSampleId :

PB156053BSD

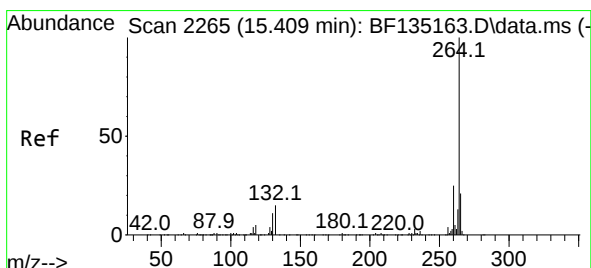
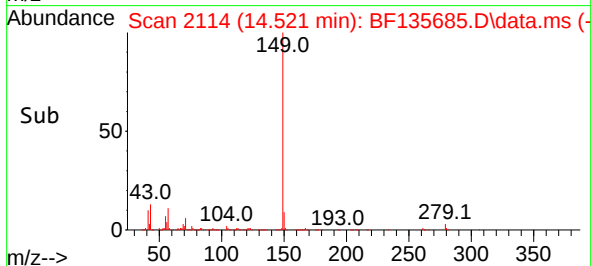
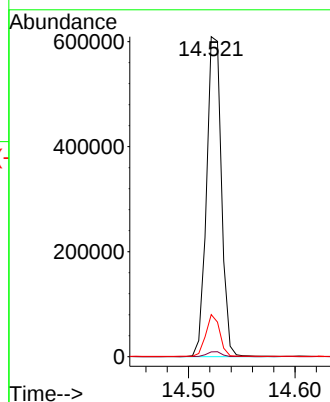
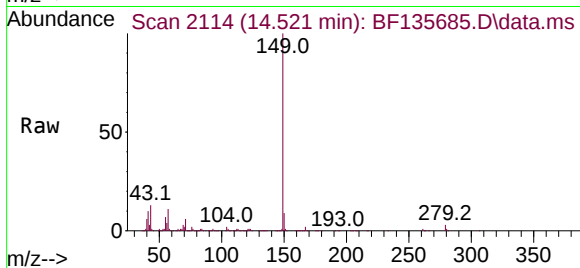
Tgt Ion:149 Resp: 594003

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7#

43 12.4 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.000 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

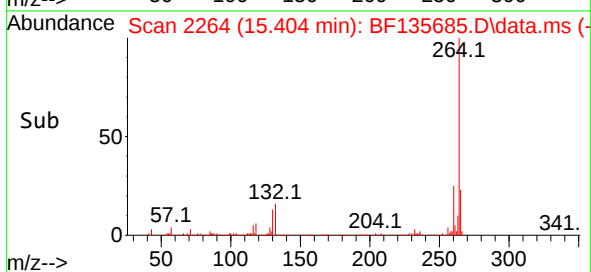
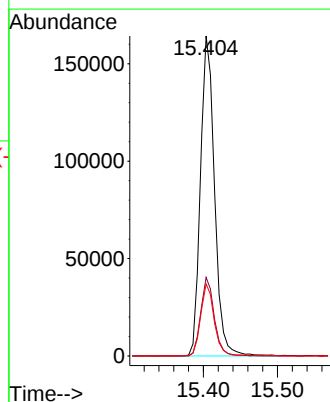
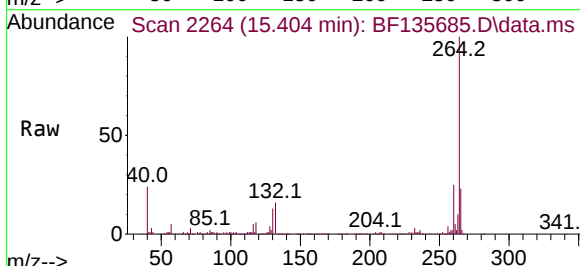
Tgt Ion:264 Resp: 217151

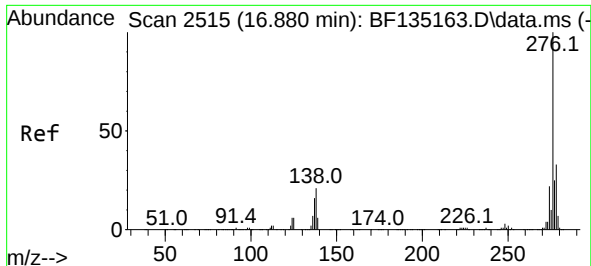
Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.6

265 22.5 17.0 25.4

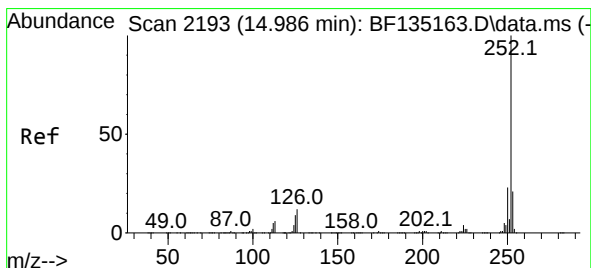
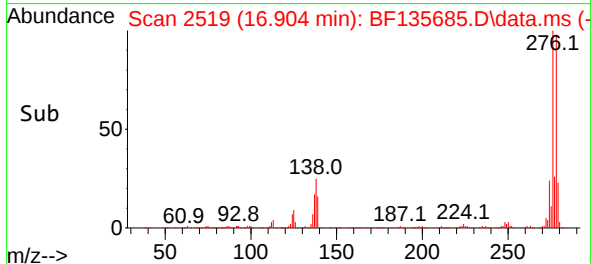
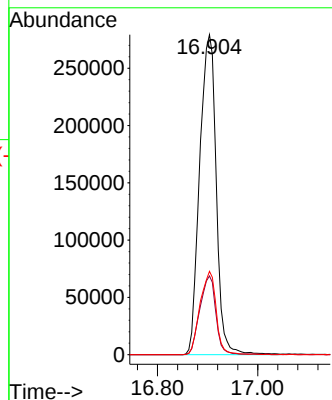
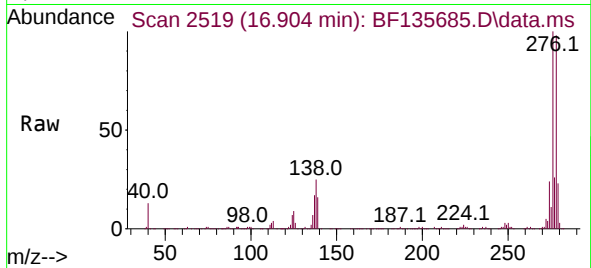




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.987 ng
RT: 16.904 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

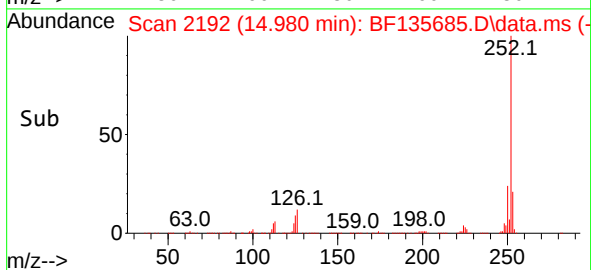
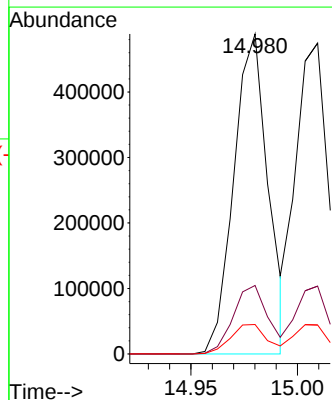
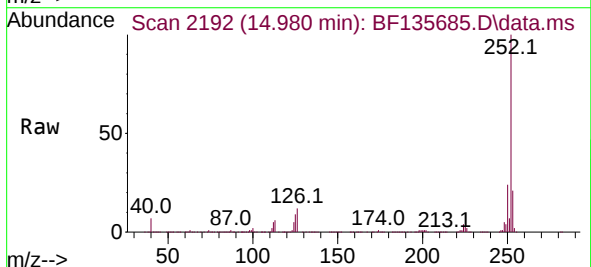
Instrument :
BNA_F
ClientSampleId :
PB156053BSD

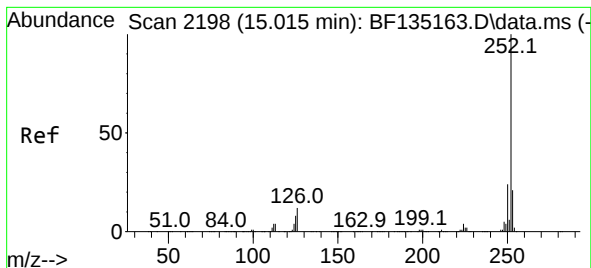
Tgt Ion:276 Resp: 640512
Ion Ratio Lower Upper
276 100
138 23.6 19.2 28.8
277 25.3 19.7 29.5



#88
Benzo(b)fluoranthene
Concen: 46.603 ng
RT: 14.980 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion:252 Resp: 547821
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 9.2 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 44.455 ng

RT: 15.009 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

Instrument :

BNA_F

ClientSampleId :

PB156053BSD

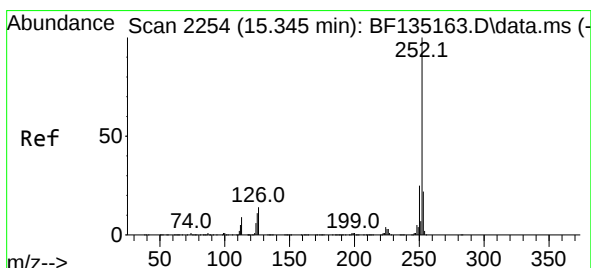
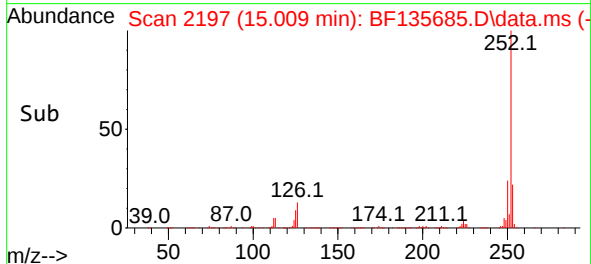
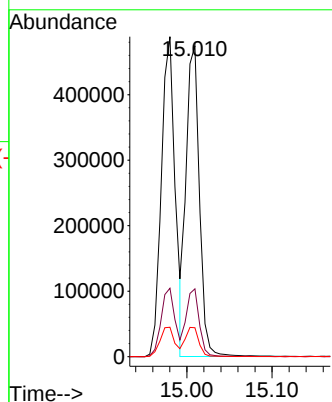
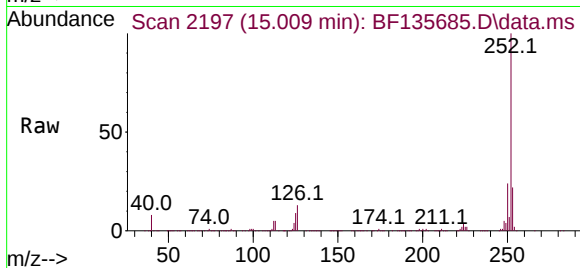
Tgt Ion:252 Resp: 516215

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 9.3 7.2 10.8



#90

Benzo(a)pyrene

Concen: 43.682 ng

RT: 15.345 min Scan# 2254

Delta R.T. -0.000 min

Lab File: BF135685.D

Acq: 10 Oct 2023 15:23

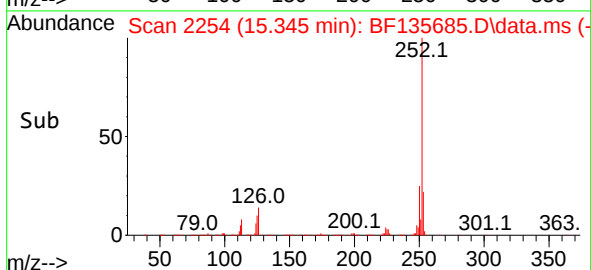
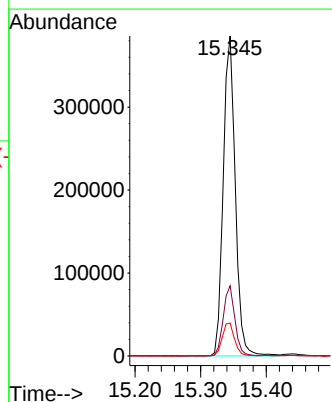
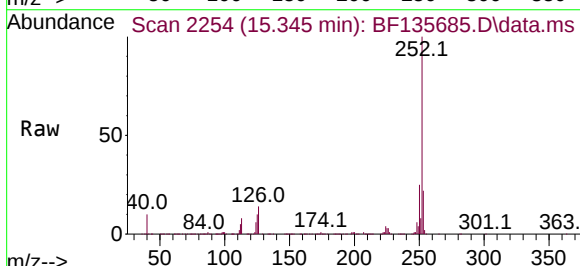
Tgt Ion:252 Resp: 489678

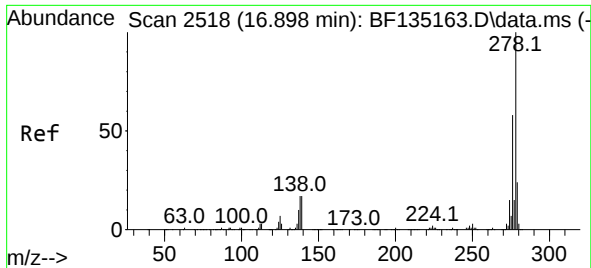
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.3 9.2 13.8

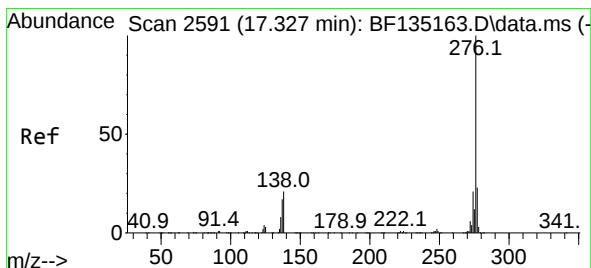
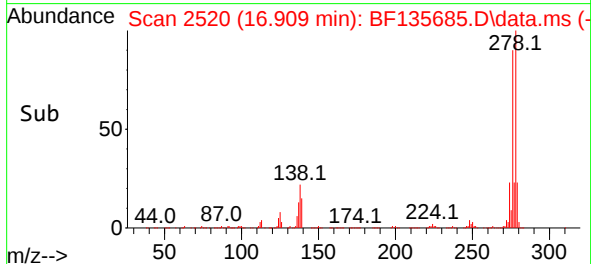
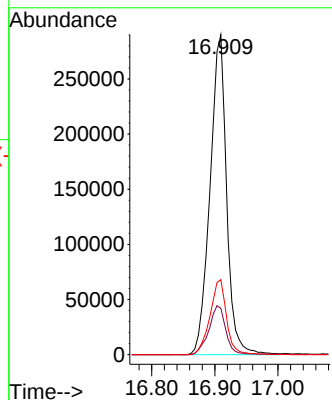
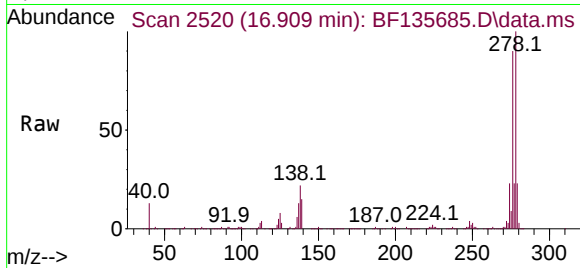




#91
Dibenzo(a,h)anthracene
Concen: 45.518 ng
RT: 16.909 min Scan# 2518
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Instrument :
BNA_F
ClientSampleId :
PB156053BSD

Tgt Ion:278 Resp: 530271
Ion Ratio Lower Upper
278 100
139 14.5 13.4 20.0
279 23.5 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 46.058 ng
RT: 17.351 min Scan# 2595
Delta R.T. -0.000 min
Lab File: BF135685.D
Acq: 10 Oct 2023 15:23

Tgt Ion:276 Resp: 560360
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 20.3 16.9 25.3

