

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135768.D
 Acq On : 16 Oct 2023 10:33
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.746	152	134474	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	517932	20.000	ng	0.00
39) Acenaphthene-d10	9.787	164	257242	20.000	ng	0.00
64) Phenanthrene-d10	11.281	188	491967	20.000	ng	0.00
76) Chrysene-d12	13.951	240	325224	20.000	ng	0.00
86) Perylene-d12	15.421	264	281898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	657483	78.608	ng	0.00
7) Phenol-d6	6.398	99	779880	74.729	ng	0.00
23) Nitrobenzene-d5	7.316	82	761003	80.811	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	202083	81.867	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1308966	79.559	ng	0.00
79) Terphenyl-d14	12.880	244	1449633	82.546	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.440	88	154137	38.206	ng	99
3) Pyridine	3.187	79	397361	40.143	ng	97
4) n-Nitrosodimethylamine	3.169	42	216019	40.580	ng	100
6) Aniline	6.416	93	494273	37.635	ng	# 82
8) 2-Chlorophenol	6.534	128	354281	39.279	ng	99
9) Benzaldehyde	6.304	77	235081	39.577	ng	96
10) Phenol	6.416	94	420809	38.482	ng	95
11) bis(2-Chloroethyl)ether	6.487	93	349131	39.625	ng	98
12) 1,3-Dichlorobenzene	6.681	146	353634	38.674	ng	99
13) 1,4-Dichlorobenzene	6.757	146	357733	38.619	ng	99
14) 1,2-Dichlorobenzene	6.910	146	317566	38.075	ng	99
15) Benzyl Alcohol	6.898	79	269284	38.807	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.022	45	609140	38.226	ng	94
17) 2-Methylphenol	7.016	107	298737	38.260	ng	96
18) Hexachloroethane	7.245	117	133606	39.780	ng	93
19) n-Nitroso-di-n-propyla...	7.163	70	243633	37.756	ng	99
20) 3+4-Methylphenols	7.169	107	370540	38.066	ng	96
22) Acetophenone	7.157	105	468803	39.467	ng	# 99
24) Nitrobenzene	7.334	77	383581	40.585	ng	99
25) Isophorone	7.569	82	728886	41.027	ng	100
26) 2-Nitrophenol	7.645	139	193723	42.001	ng	99
27) 2,4-Dimethylphenol	7.693	122	310867	40.941	ng	98
28) bis(2-Chloroethoxy)met...	7.781	93	438055	41.403	ng	99
29) 2,4-Dichlorophenol	7.893	162	294838	41.435	ng	98
30) 1,2,4-Trichlorobenzene	7.969	180	296221	40.702	ng	99
31) Naphthalene	8.045	128	1025341	40.587	ng	99
32) Benzoic acid	7.851	122	229775	44.706	ng	98
33) 4-Chloroaniline	8.104	127	454695	41.203	ng	99
34) Hexachlorobutadiene	8.157	225	178552	41.449	ng	98
35) Caprolactam	8.498	113	77125	31.706	ng	# 82
36) 4-Chloro-3-methylphenol	8.598	107	326181	41.336	ng	98
37) 2-Methylnaphthalene	8.739	142	657307	39.492	ng	100
38) 1-Methylnaphthalene	8.839	142	611929	39.861	ng	99
40) 1,2,4,5-Tetrachloroben...	8.910	216	304126	41.100	ng	99
41) Hexachlorocyclopentadiene	8.887	237	110880	75.951	ng	94
43) 2,4,6-Trichlorophenol	9.028	196	194791	40.850	ng	100

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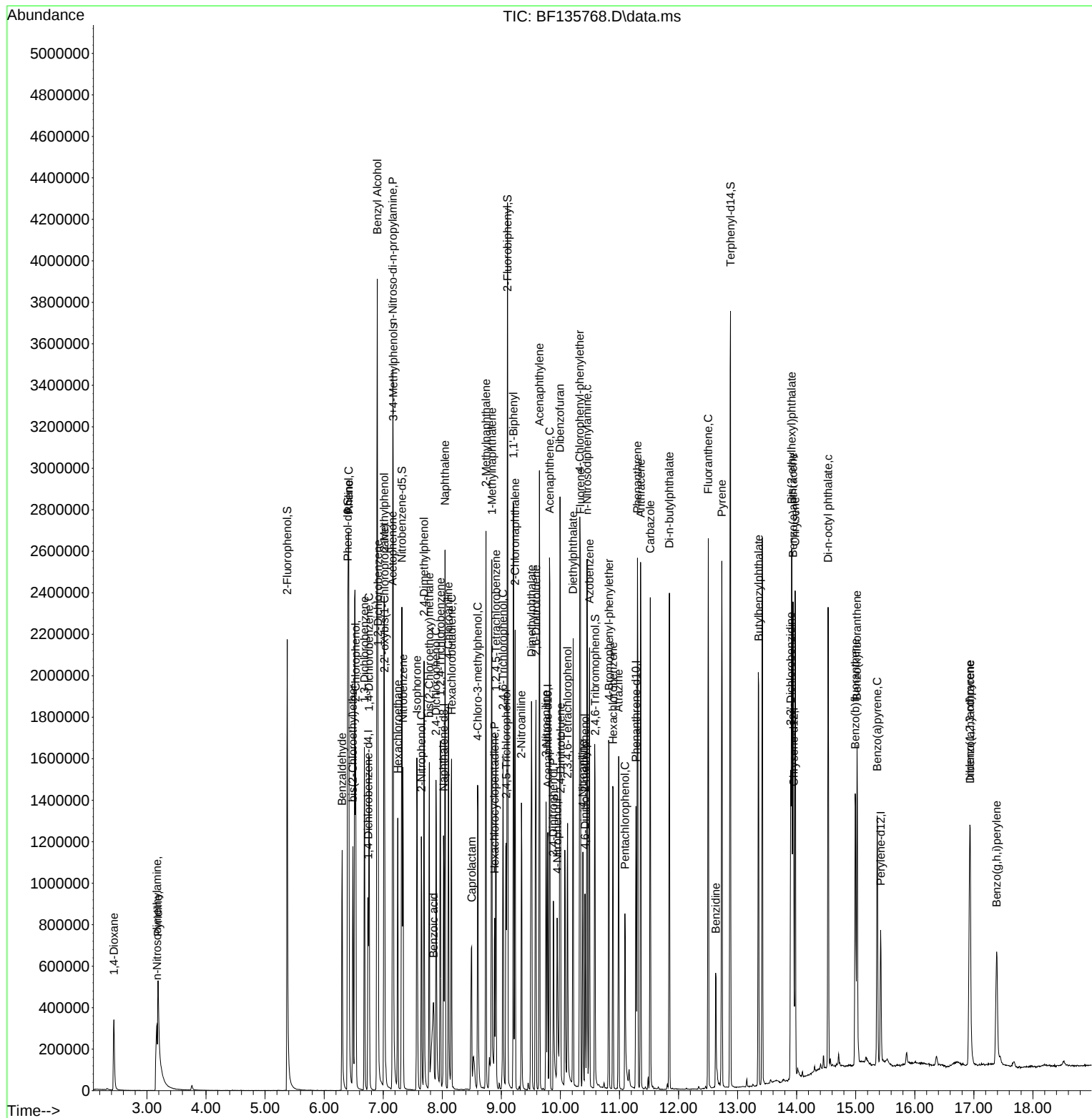
Instrument :
 BNA_F
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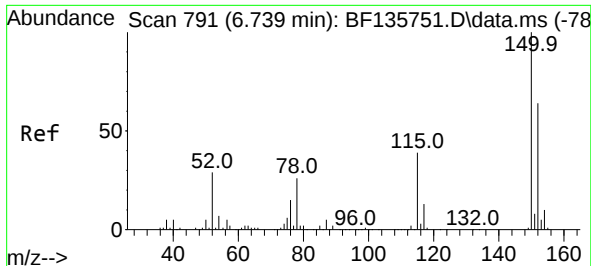
Quant Time: Oct 17 01:22:20 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	231472	41.736	ng	97
46) 1,1'-Biphenyl	9.204	154	798149	40.505	ng	98
47) 2-Chloronaphthalene	9.234	162	570654	40.183	ng	98
48) 2-Nitroaniline	9.339	65	239612	42.745	ng	96
49) Acenaphthylene	9.645	152	944554	40.191	ng	99
50) Dimethylphthalate	9.510	163	713437	41.084	ng	99
51) 2,6-Dinitrotoluene	9.586	165	155146	41.545	ng	98
52) Acenaphthene	9.816	154	575031	40.821	ng	98
53) 3-Nitroaniline	9.757	138	192234	41.992	ng	95
54) 2,4-Dinitrophenol	9.881	184	135530	86.943	ng	90
55) Dibenzofuran	9.992	168	858829	40.407	ng	100
56) 4-Nitrophenol	9.945	139	132212	64.199	ng	95
57) 2,4-Dinitrotoluene	10.004	165	203082	42.746	ng	91
58) Fluorene	10.339	166	683108	41.053	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	175186	41.797	ng	99
60) Diethylphthalate	10.216	149	733186	41.357	ng	100
61) 4-Chlorophenyl-phenyle...	10.328	204	335168	41.677	ng	94
62) 4-Nitroaniline	10.381	138	179458	42.607	ng	97
63) Azobenzene	10.492	77	721118	41.867	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	114040	46.060	ng	99
66) n-Nitrosodiphenylamine	10.451	169	624899	41.674	ng	99
67) 4-Bromophenyl-phenylether	10.822	248	207470	42.011	ng	95
68) Hexachlorobenzene	10.892	284	206784	41.127	ng	97
69) Atrazine	10.986	200	168246	41.250	ng	96
70) Pentachlorophenol	11.092	266	128158	64.627	ng	97
71) Phenanthrene	11.304	178	963747	40.893	ng	99
72) Anthracene	11.357	178	978661	40.074	ng	100
73) Carbazole	11.522	167	912362	40.057	ng	99
74) Di-n-butylphthalate	11.845	149	1131259	40.454	ng	99
75) Fluoranthene	12.504	202	1068733	40.858	ng	99
77) Benzidine	12.633	184	245486	34.592	ng	98
78) Pyrene	12.733	202	1101050	42.604	ng	100
80) Butylbenzylphthalate	13.357	149	485257	42.728	ng	94
81) Benzo(a)anthracene	13.939	228	902518	42.249	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	294655	41.590	ng	99
83) Chrysene	13.974	228	850073	41.085	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	657122	42.692	ng	98
85) Di-n-octyl phthalate	14.533	149	999744	40.960	ng	100
87) Indeno(1,2,3-cd)pyrene	16.933	276	589375	38.371	ng	99
88) Benzo(b)fluoranthene	14.992	252	690061	43.739	ng	99
89) Benzo(k)fluoranthene	15.021	252	641250	41.865	ng	99
90) Benzo(a)pyrene	15.363	252	612857	41.310	ng	100
91) Dibenzo(a,h)anthracene	16.939	278	488753	38.815	ng	99
92) Benzo(g,h,i)perylene	17.386	276	498163	38.515	ng	96

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

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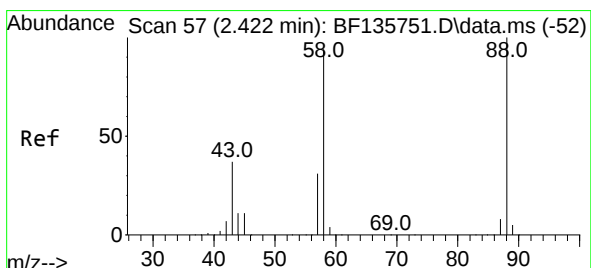
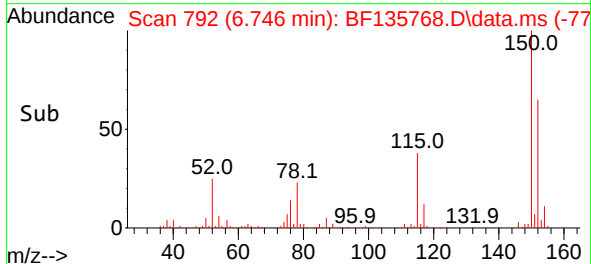
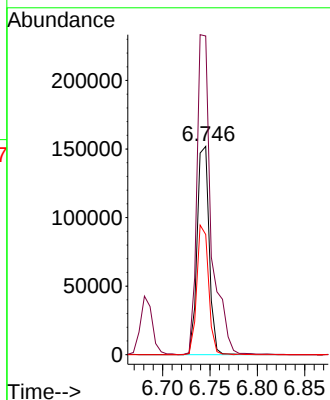
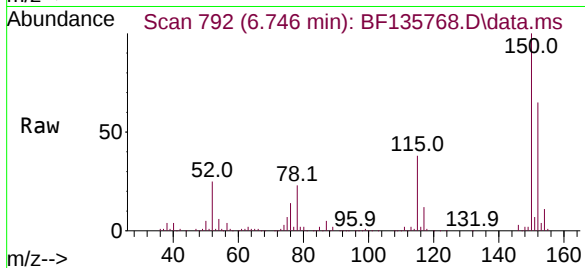




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.746 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF135768.D
 Acq: 16 Oct 2023 10:33

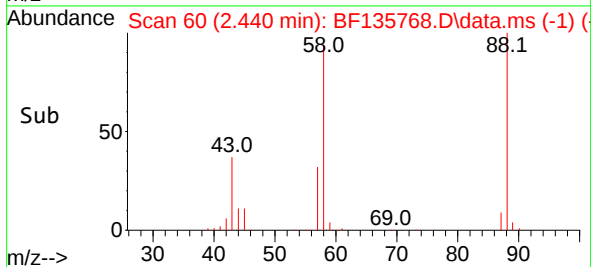
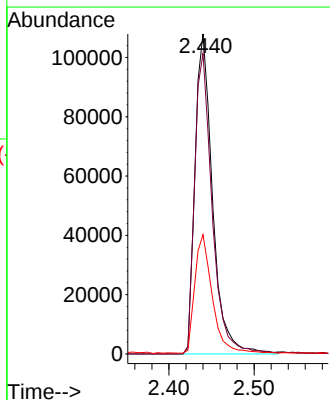
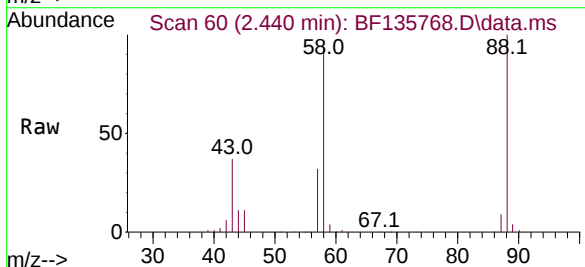
Instrument :
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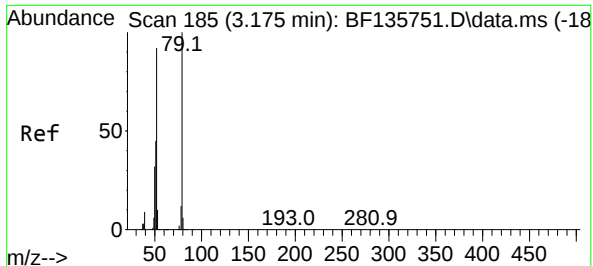
Tgt Ion:152 Resp: 134474
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.5 186.7
 115 57.7 49.0 73.4



#2
 1,4-Dioxane
 Concen: 38.206 ng
 RT: 2.440 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: BF135768.D
 Acq: 16 Oct 2023 10:33

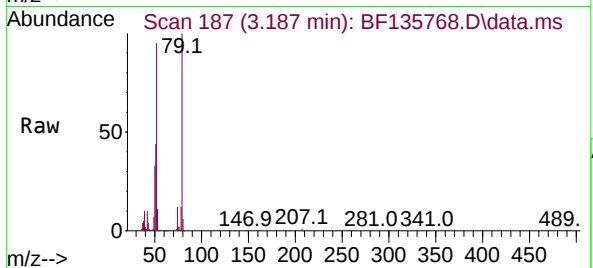
Tgt Ion: 88 Resp: 154137
 Ion Ratio Lower Upper
 88 100
 58 93.8 76.1 114.1
 43 36.8 29.8 44.8





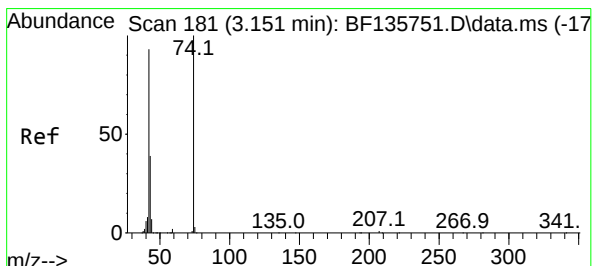
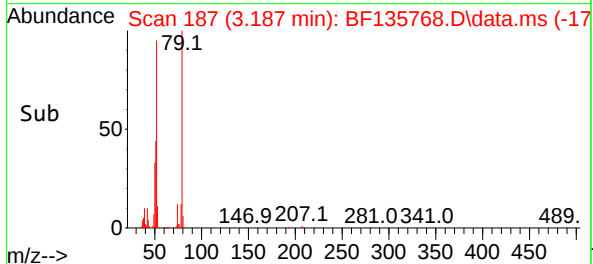
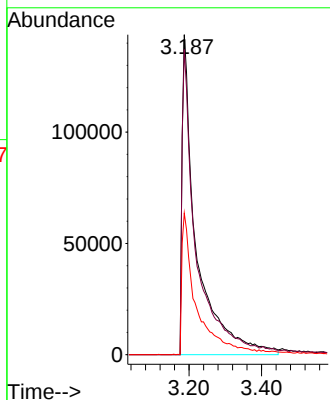
#3
 Pyridine
 Concen: 40.143 ng
 RT: 3.187 min Scan# 187
 Delta R.T. 0.000 min
 Lab File: BF135768.D
 Acq: 16 Oct 2023 10:33

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion: 79 Resp: 397361

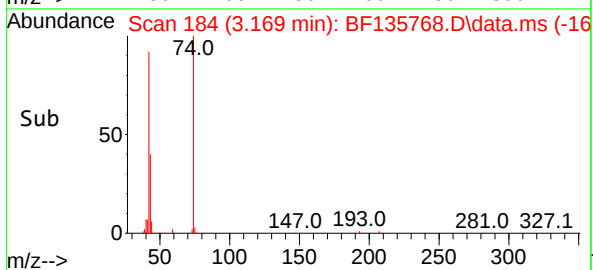
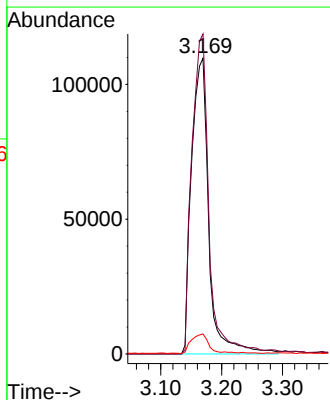
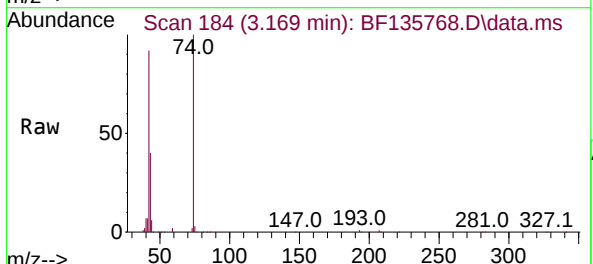
Ion	Ratio	Lower	Upper
79	100		
52	95.3	73.4	110.2
51	44.3	36.5	54.7

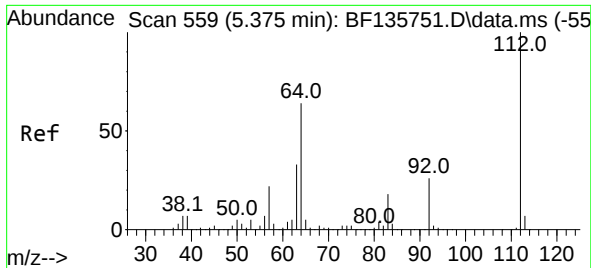


#4
 n-Nitrosodimethylamine
 Concen: 40.580 ng
 RT: 3.169 min Scan# 184
 Delta R.T. 0.000 min
 Lab File: BF135768.D
 Acq: 16 Oct 2023 10:33

Tgt Ion: 42 Resp: 216019

Ion	Ratio	Lower	Upper
42	100		
74	108.3	86.5	129.7
44	6.7	5.9	8.9

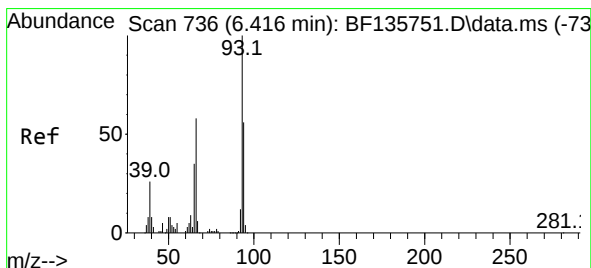
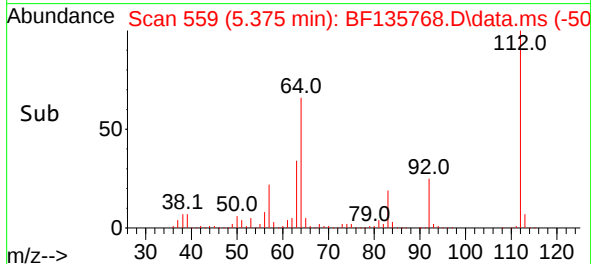
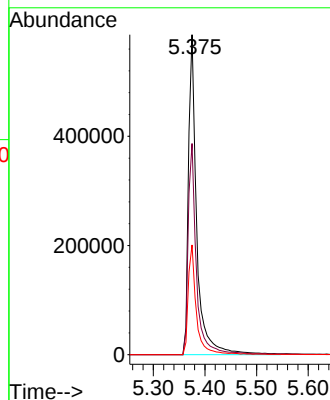
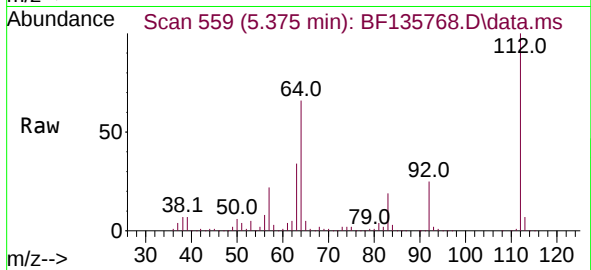




#5
2-Fluorophenol
Concen: 78.608 ng
RT: 5.375 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

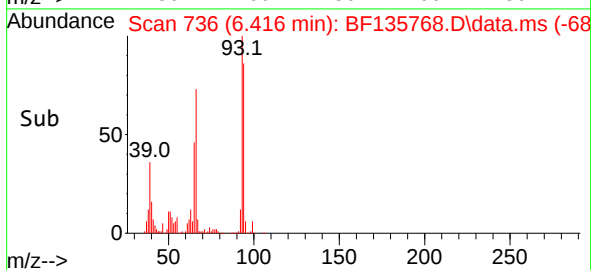
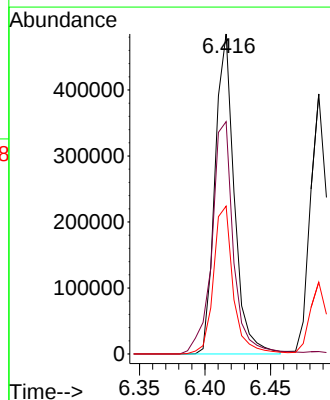
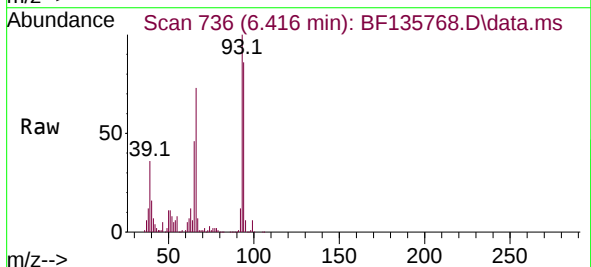
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BNA_F
ClientSampleId :

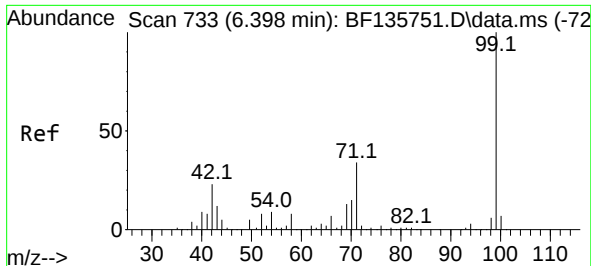
Tgt Ion:112 Resp: 657483
Ion Ratio Lower Upper
112 100
64 66.0 51.2 76.8
63 34.3 26.1 39.1



#6
Aniline
Concen: 37.635 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

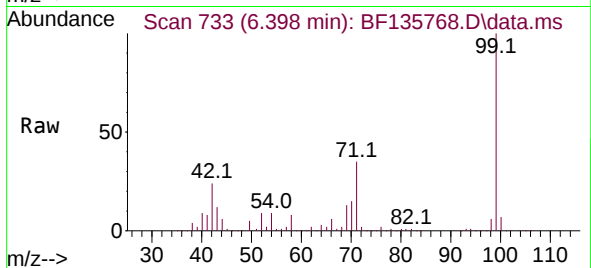
Tgt Ion: 93 Resp: 494273
Ion Ratio Lower Upper
93 100
66 72.6 47.6 71.4#
65 46.2 28.5 42.7#



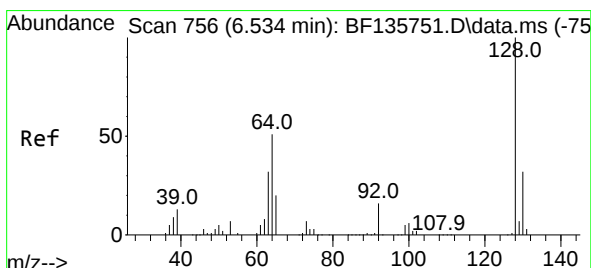
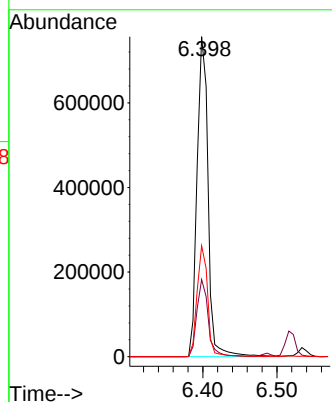
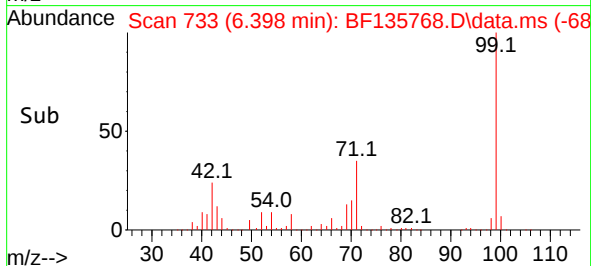


#7
Phenol-d6
Concen: 74.729 ng
RT: 6.398 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

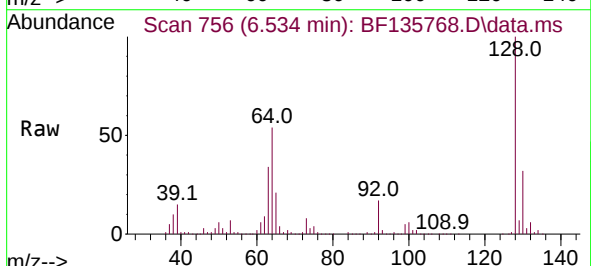
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ClientSampleId :



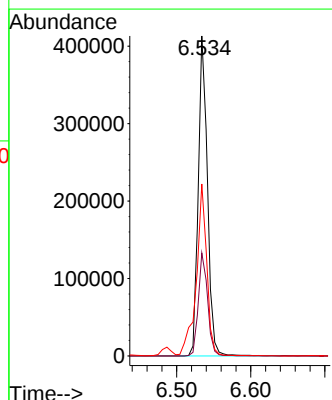
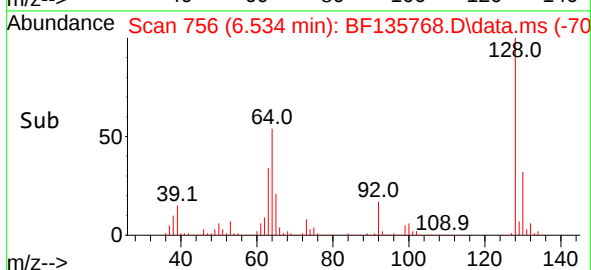
Tgt Ion: 99 Resp: 779880
Ion Ratio Lower Upper
99 100
42 24.1 18.4 27.6
71 34.7 27.2 40.8

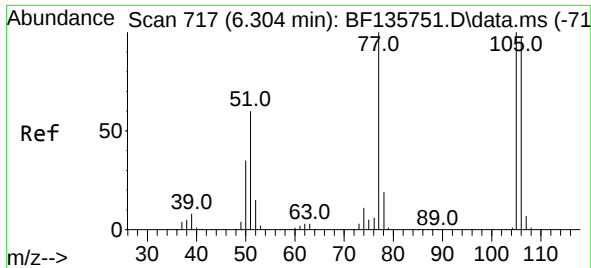


#8
2-Chlorophenol
Concen: 39.279 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33



Tgt Ion: 128 Resp: 354281
Ion Ratio Lower Upper
128 100
130 32.2 12.4 52.4
64 53.7 32.3 72.3

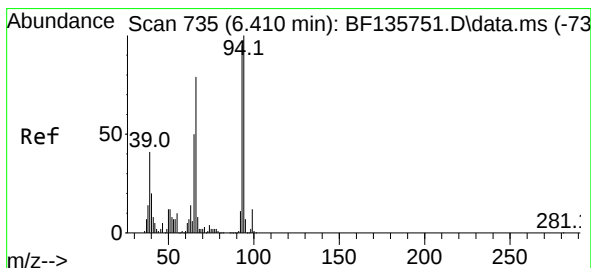
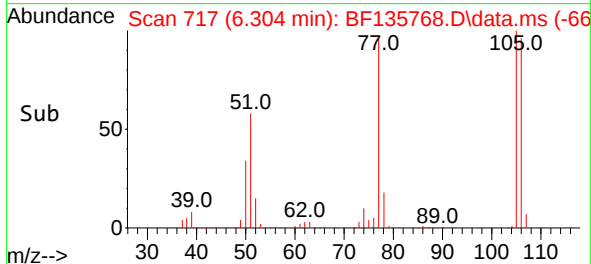
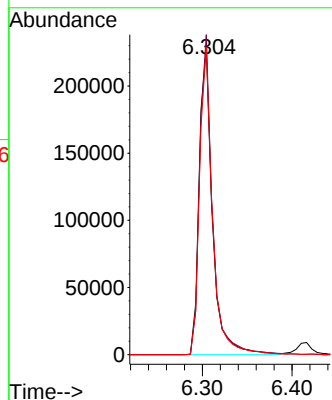
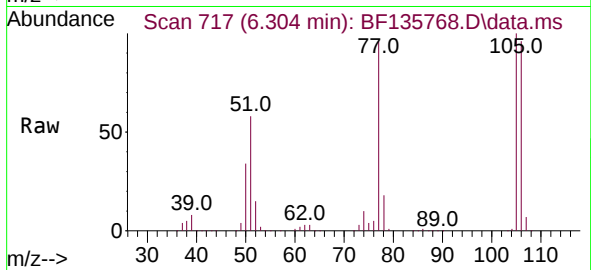




#9
Benzaldehyde
Concen: 39.577 ng
RT: 6.304 min Scan# 717
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

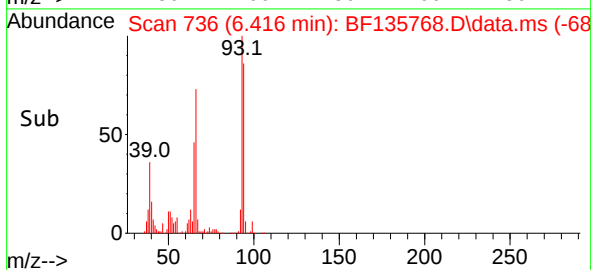
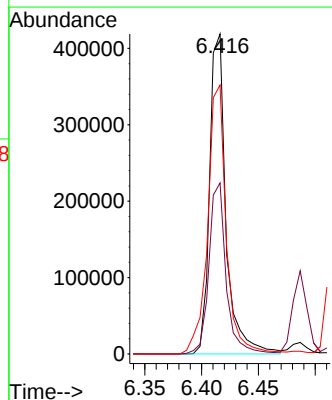
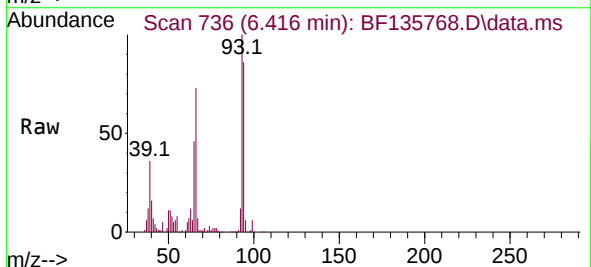
Instrument :
BNA_F
ClientSampleId :

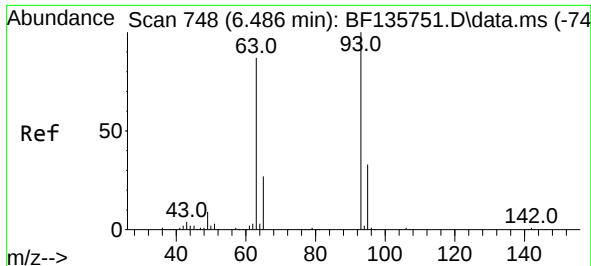
Tgt Ion: 77 Resp: 235081
Ion Ratio Lower Upper
77 100
105 104.3 79.9 119.9
106 100.3 77.1 117.1



#10
Phenol
Concen: 38.482 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

Tgt Ion: 94 Resp: 420809
Ion Ratio Lower Upper
94 100
65 53.5 30.3 70.3
66 84.1 59.1 99.1





#11

bis(2-Chloroethyl)ether

Concen: 39.625 ng

RT: 6.487 min Scan# 748

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

Instrument :

BNA_F

ClientSampleId :

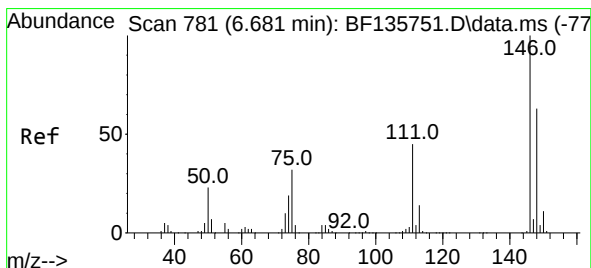
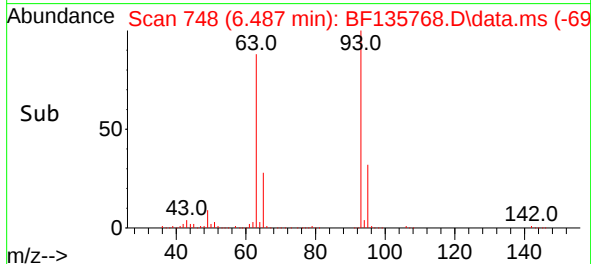
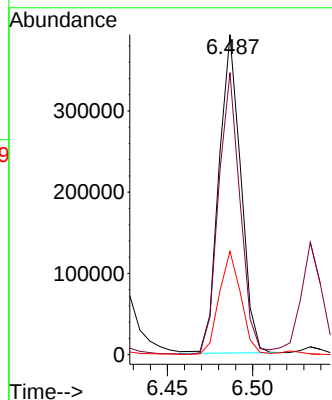
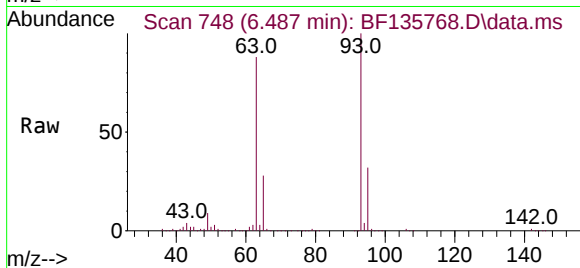
Tgt Ion: 93 Resp: 349131

Ion Ratio Lower Upper

93 100

63 88.1 66.3 106.3

95 32.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.674 ng

RT: 6.681 min Scan# 781

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

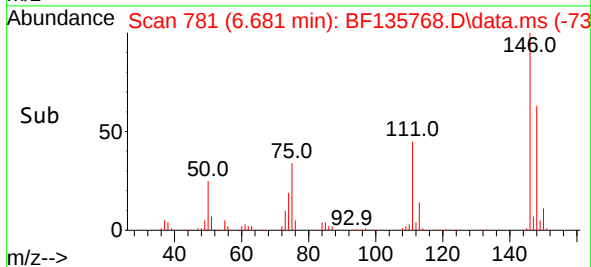
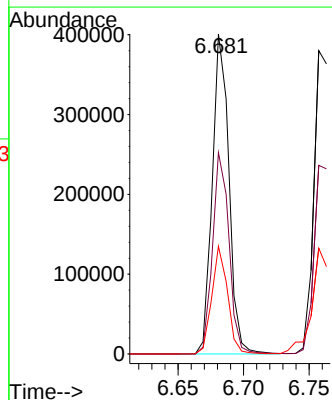
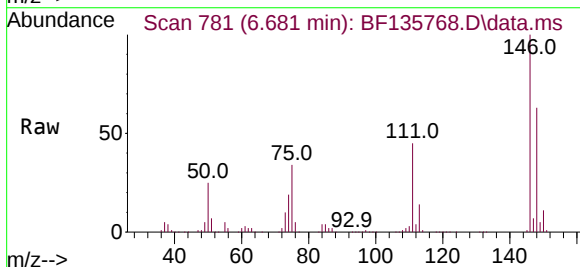
Tgt Ion:146 Resp: 353634

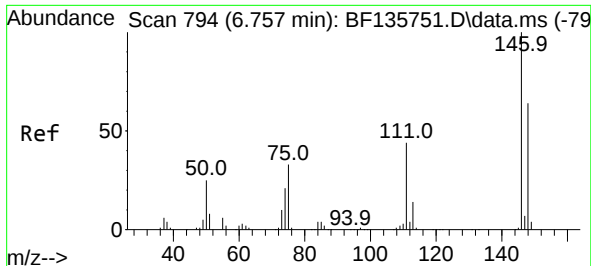
Ion Ratio Lower Upper

146 100

148 63.0 50.2 75.4

75 33.7 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 38.619 ng

RT: 6.757 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

Instrument :

BNA_F

ClientSampleId :

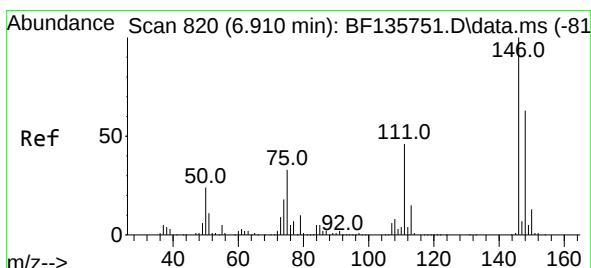
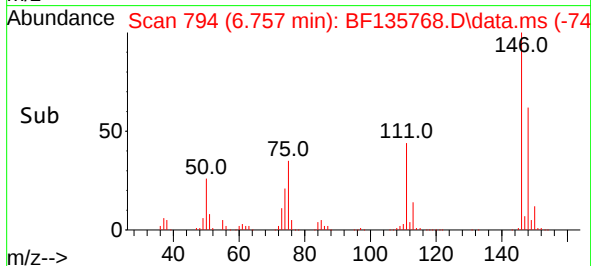
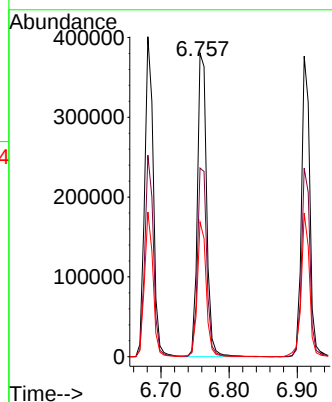
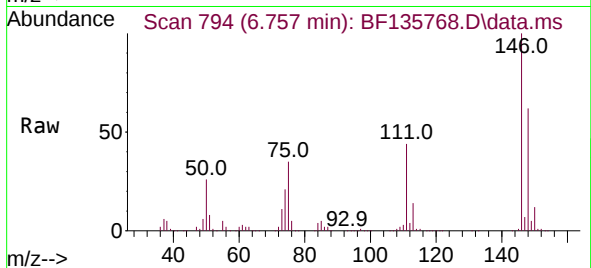
Tgt Ion:146 Resp: 357733

Ion Ratio Lower Upper

146 100

148 62.2 51.0 76.6

111 44.4 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 38.075 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

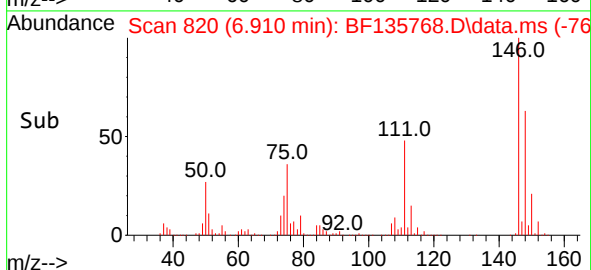
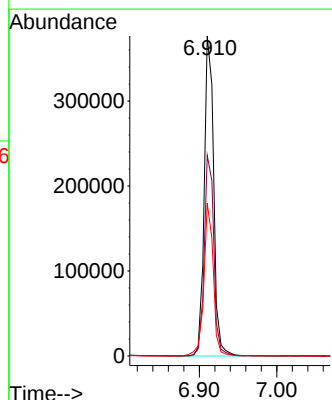
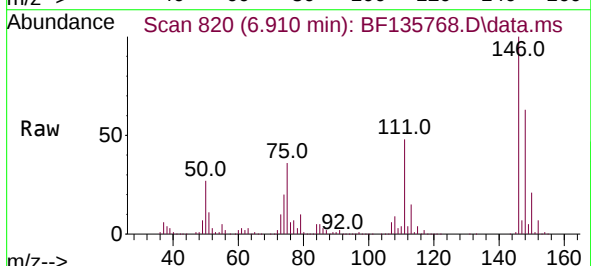
Tgt Ion:146 Resp: 317566

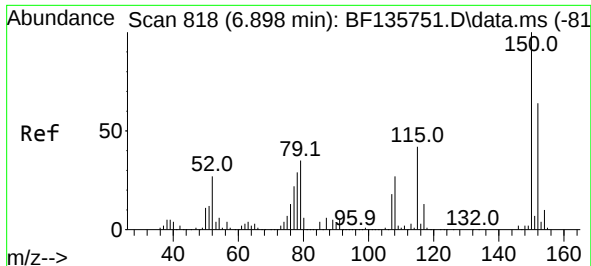
Ion Ratio Lower Upper

146 100

148 62.7 50.2 75.2

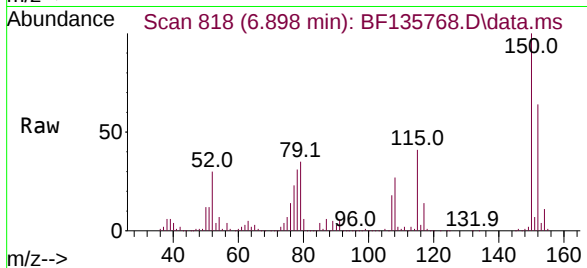
111 47.7 37.1 55.7



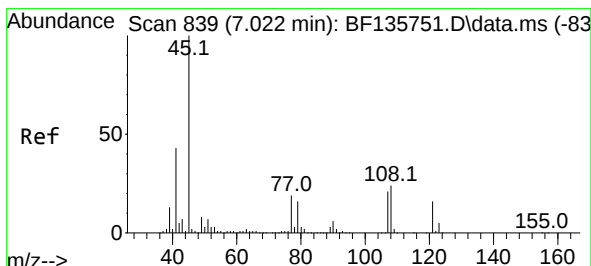
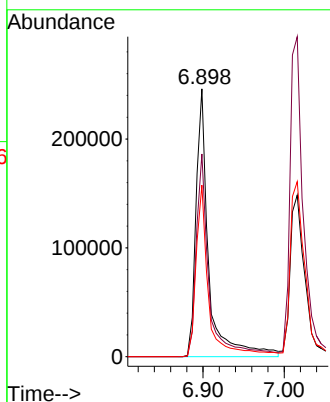
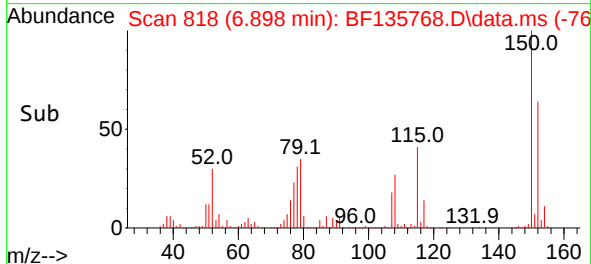


#15
Benzyl Alcohol
Concen: 38.807 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

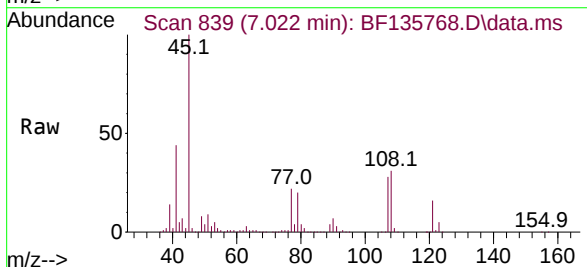
Instrument :
BNA_F
ClientSampleId :



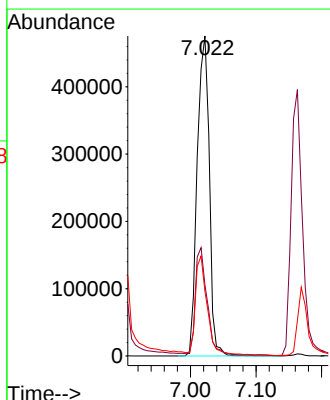
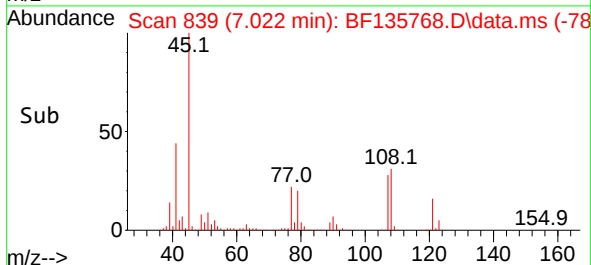
Tgt Ion: 79 Resp: 269284
Ion Ratio Lower Upper
79 100
108 75.7 62.0 93.0
77 64.0 50.5 75.7

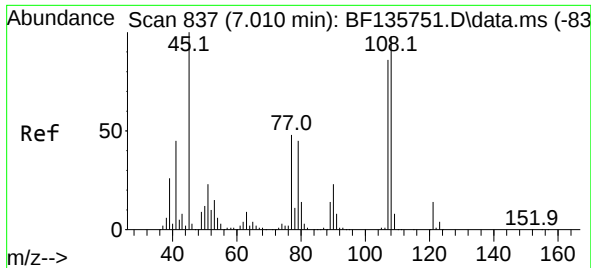


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.226 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33



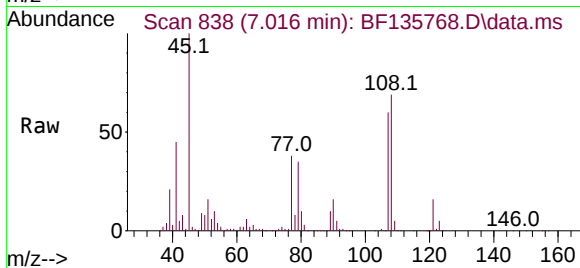
Tgt Ion: 45 Resp: 609140
Ion Ratio Lower Upper
45 100
77 22.2 0.0 39.8
79 20.2 0.0 37.6



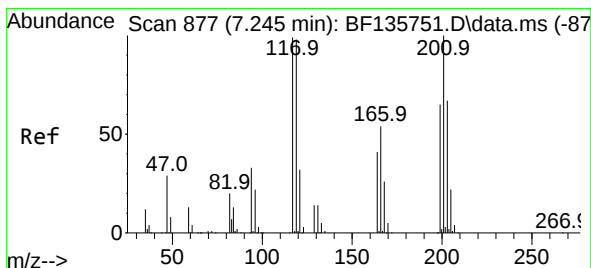
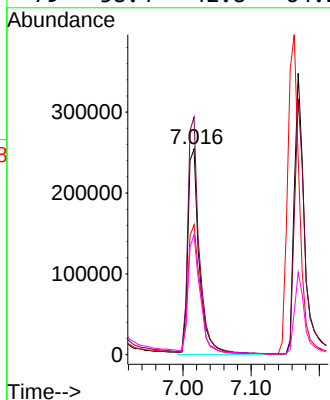
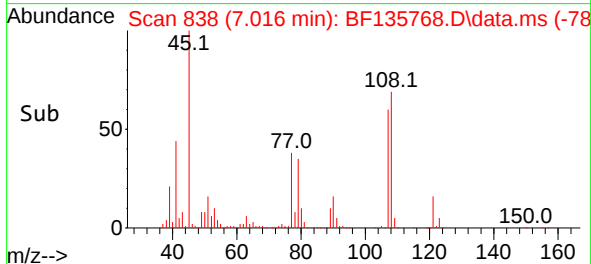


#17
2-Methylphenol
Concen: 38.260 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

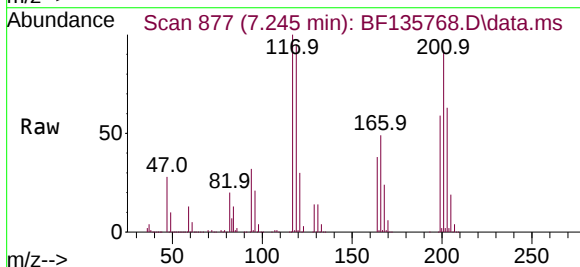
Instrument :
BNA_F
ClientSampleId :



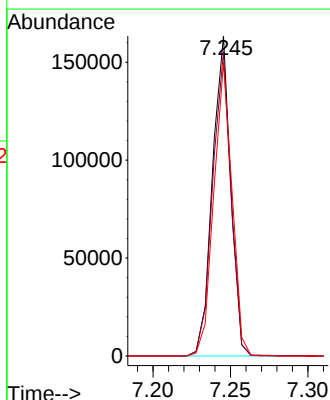
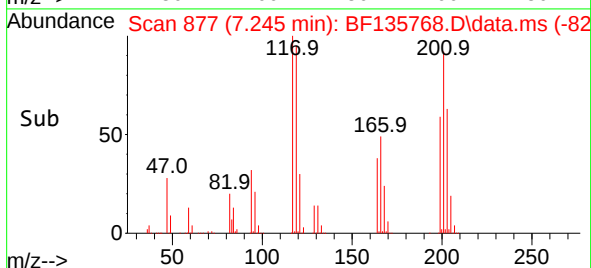
Tgt Ion:107 Resp: 298737
Ion Ratio Lower Upper
107 100
108 115.6 91.8 137.6
77 63.3 45.4 68.0
79 58.4 42.8 64.2

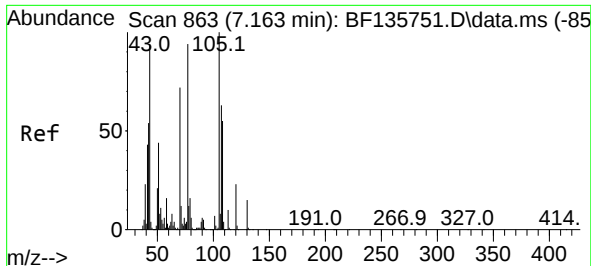


#18
Hexachloroethane
Concen: 39.780 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33



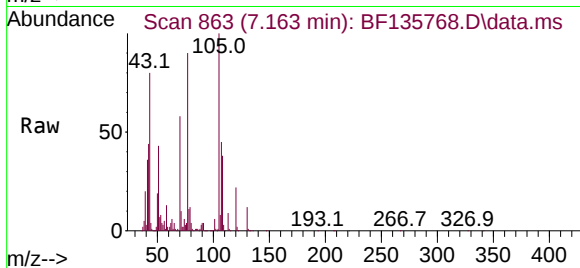
Tgt Ion:117 Resp: 133606
Ion Ratio Lower Upper
117 100
119 95.1 79.5 119.3
201 91.7 80.9 121.3



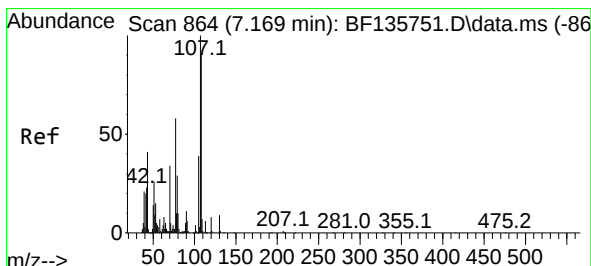
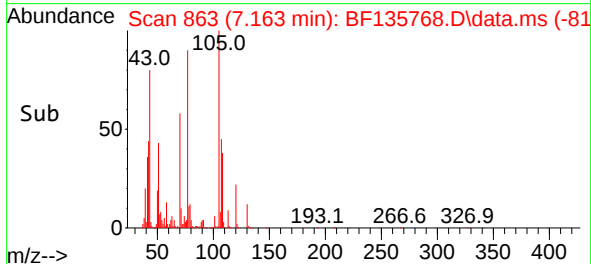
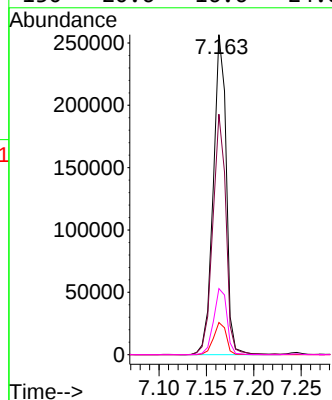


#19
n-Nitroso-di-n-propylamine
Concen: 37.756 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

Instrument :
BNA_F
ClientSampleId :

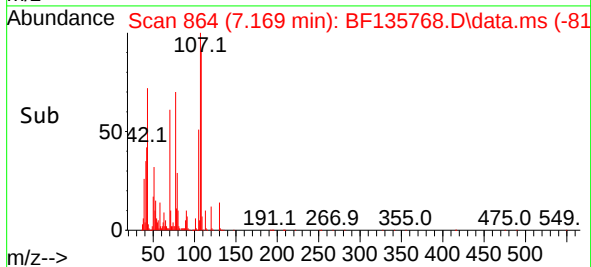
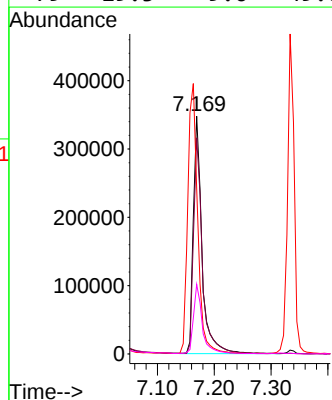
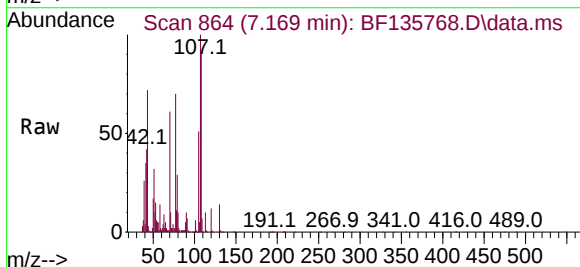


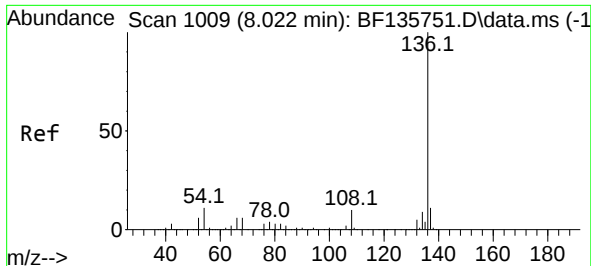
Tgt Ion: 70 Resp: 243633
Ion Ratio Lower Upper
70 100
42 75.2 59.8 89.6
101 10.1 7.4 11.2
130 20.6 16.6 24.8



#20
3+4-Methylphenols
Concen: 38.066 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

Tgt Ion: 107 Resp: 370540
Ion Ratio Lower Upper
107 100
108 90.9 71.1 111.1
77 69.6 42.0 82.0
79 29.3 9.6 49.6



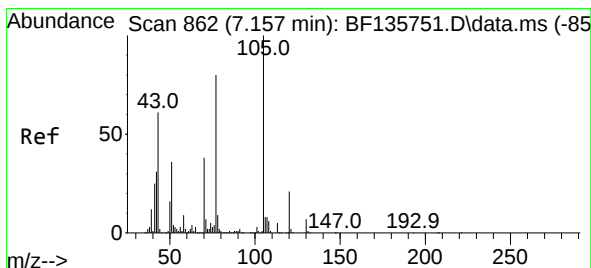
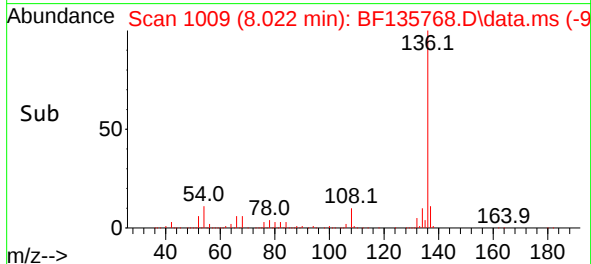
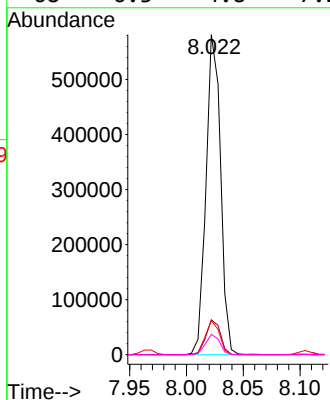
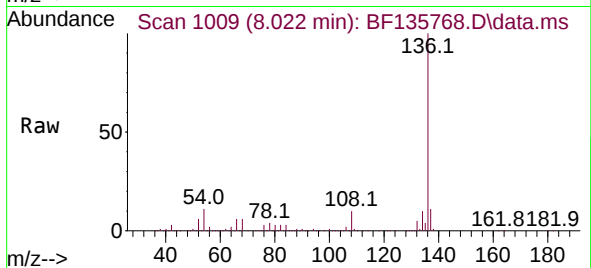


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 517932

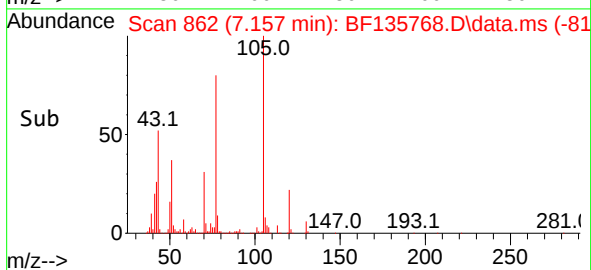
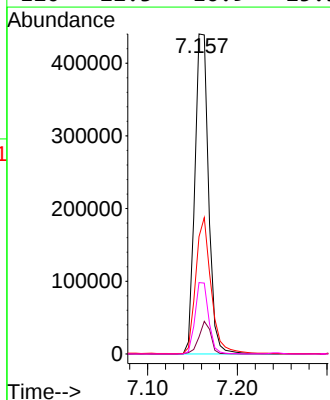
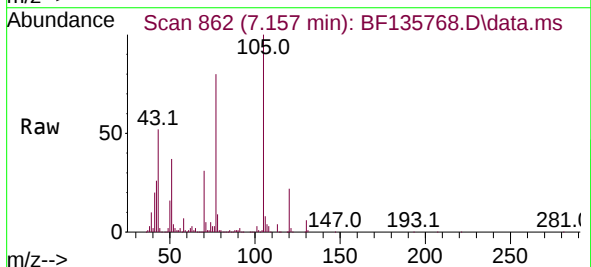
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.7	8.5	12.7
68	6.3	4.8	7.2

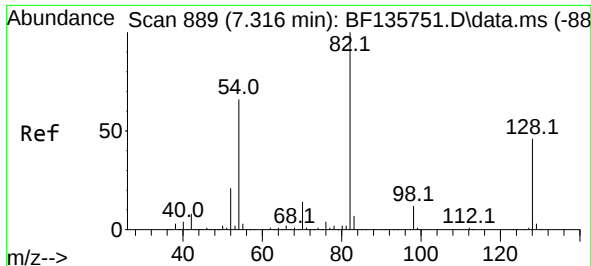


#22
Acetophenone
Concen: 39.467 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

Tgt Ion:105 Resp: 468803

Ion	Ratio	Lower	Upper
105	100		
71	5.3	5.4	8.0#
51	36.6	29.4	44.0
120	22.3	16.9	25.3





#23

Nitrobenzene-d5

Concen: 80.811 ng

RT: 7.316 min Scan# 889

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

Instrument :

BNA_F

ClientSampleId :

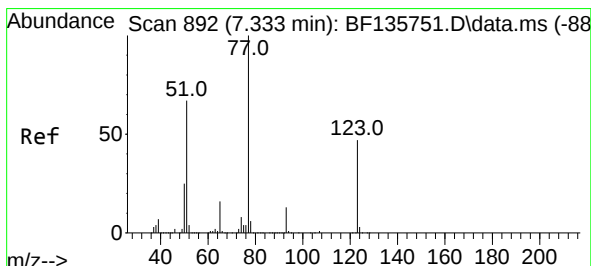
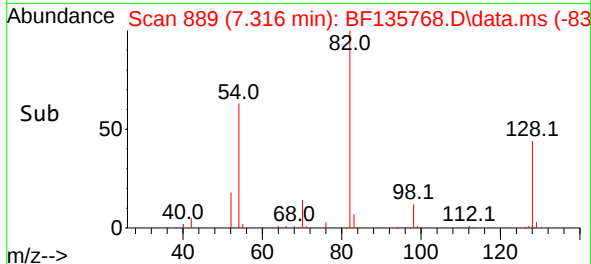
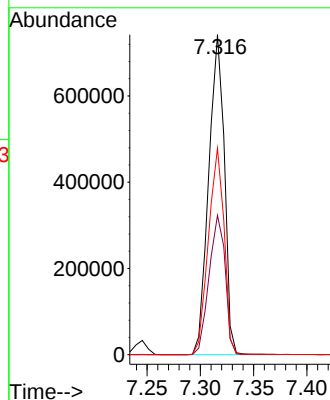
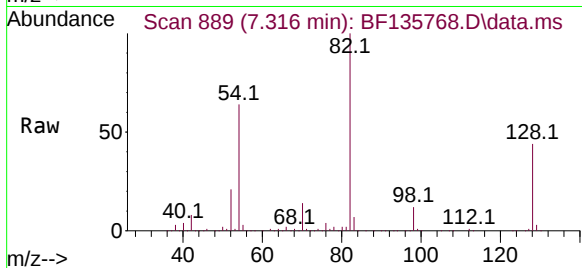
Tgt Ion: 82 Resp: 761003

Ion Ratio Lower Upper

82 100

128 43.6 37.0 55.6

54 64.5 52.8 79.2



#24

Nitrobenzene

Concen: 40.585 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

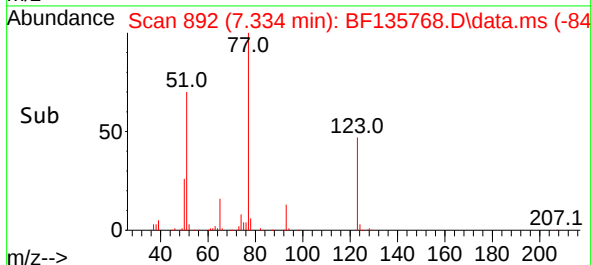
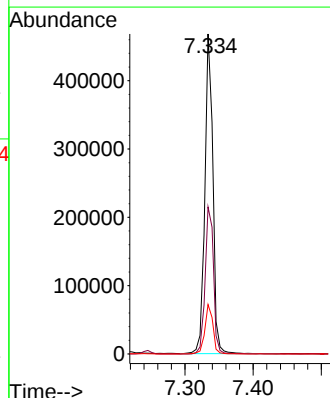
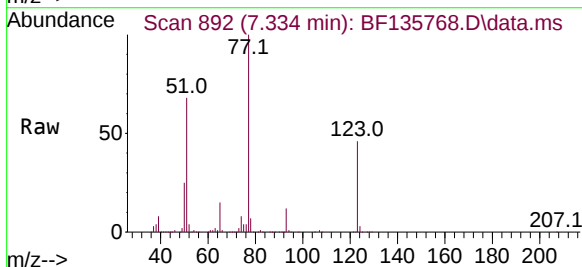
Tgt Ion: 77 Resp: 383581

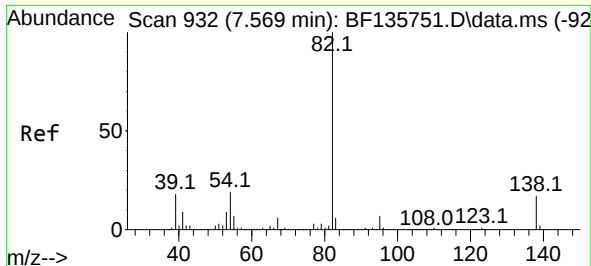
Ion Ratio Lower Upper

77 100

123 46.0 37.3 55.9

65 15.5 12.6 18.8

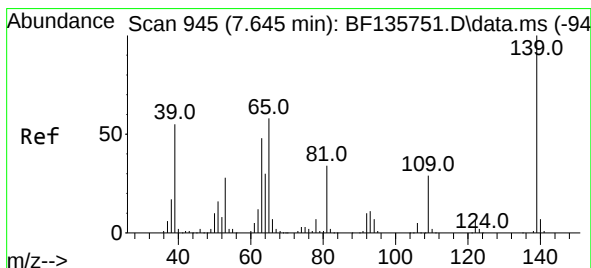
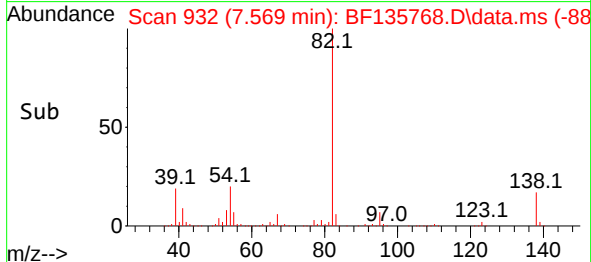
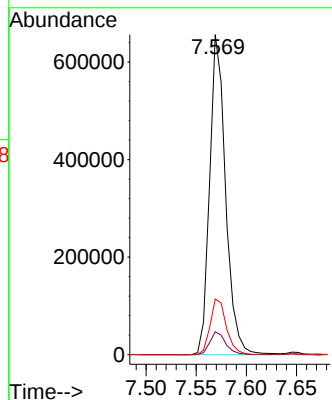
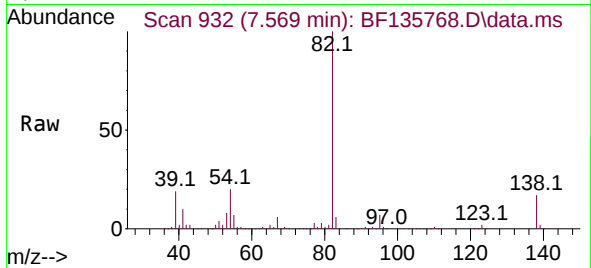




#25
Isophorone
Concen: 41.027 ng
RT: 7.569 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

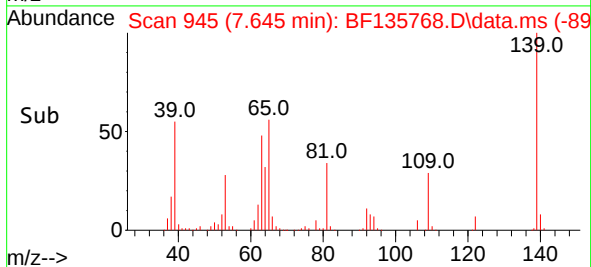
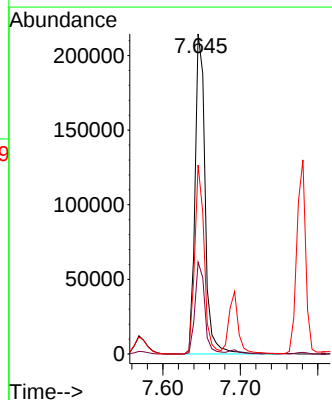
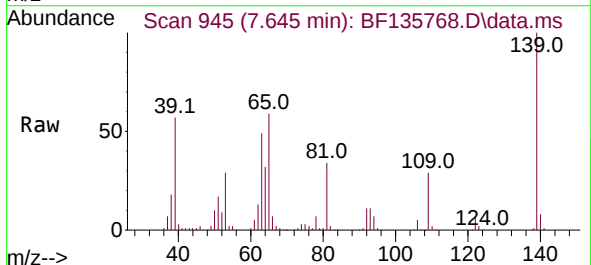
Instrument :
BNA_F
ClientSampleId :

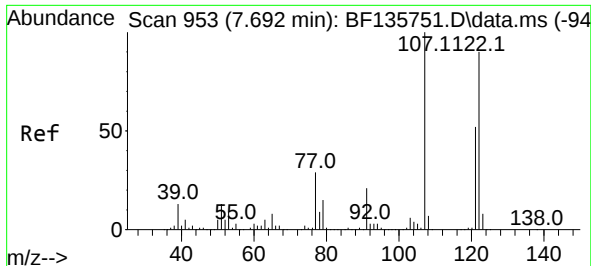
Tgt Ion: 82 Resp: 728886
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.4 13.9 20.9



#26
2-Nitrophenol
Concen: 42.001 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

Tgt Ion:139 Resp: 193723
Ion Ratio Lower Upper
139 100
109 28.7 23.0 34.4
65 59.0 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 40.941 ng

RT: 7.693 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

Instrument :

BNA_F

ClientSampleId :

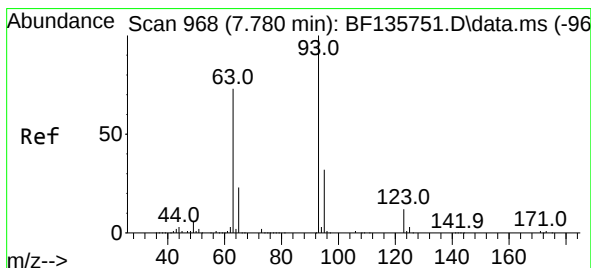
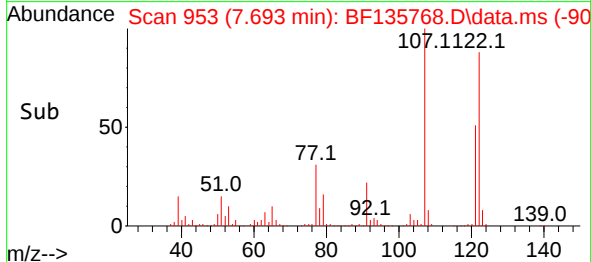
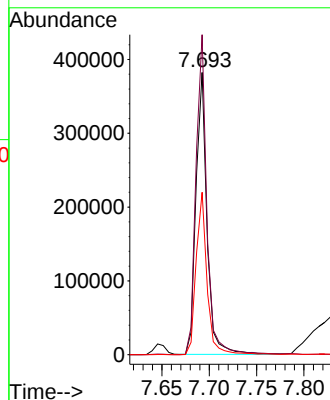
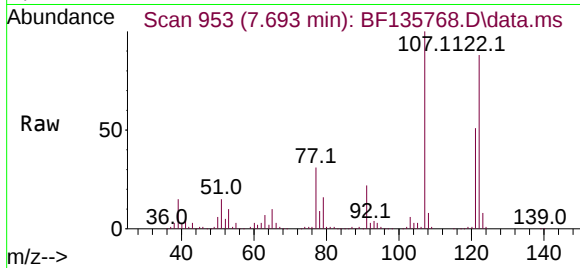
Tgt Ion:122 Resp: 310867

Ion Ratio Lower Upper

122 100

107 113.4 88.2 132.4

121 57.5 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 41.403 ng

RT: 7.781 min Scan# 968

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

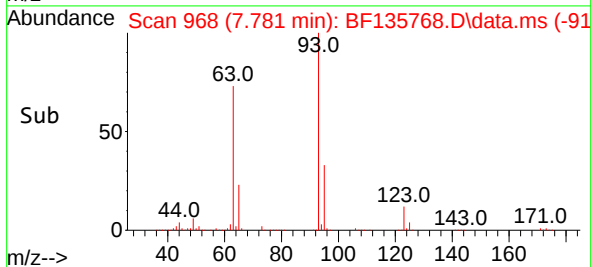
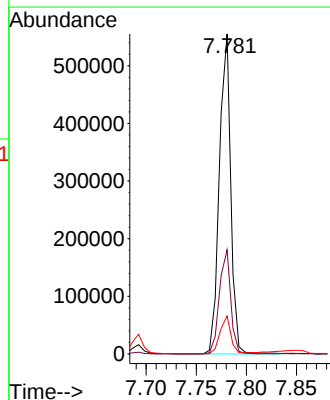
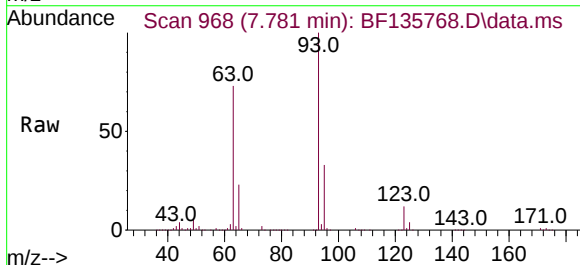
Tgt Ion: 93 Resp: 438055

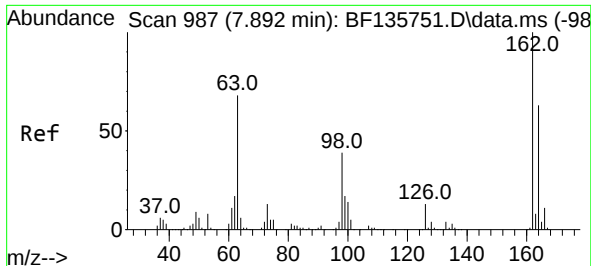
Ion Ratio Lower Upper

93 100

95 32.6 25.7 38.5

123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.435 ng

RT: 7.893 min Scan# 91

Delta R.T. 0.000 min

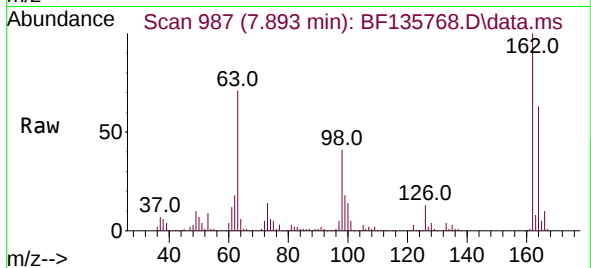
Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

Instrument :

BNA_F

ClientSampleId :



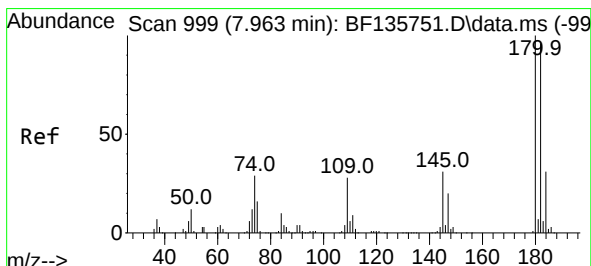
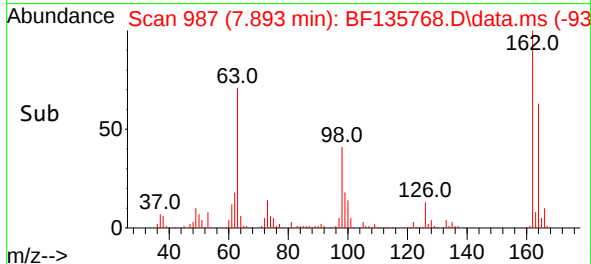
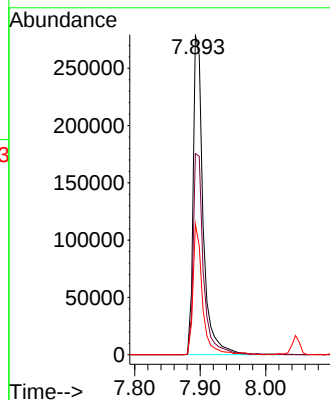
Tgt Ion:162 Resp: 294838

Ion Ratio Lower Upper

162 100

164 62.9 43.4 83.4

98 40.8 19.0 59.0



#30

1,2,4-Trichlorobenzene

Concen: 40.702 ng

RT: 7.969 min Scan# 1000

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

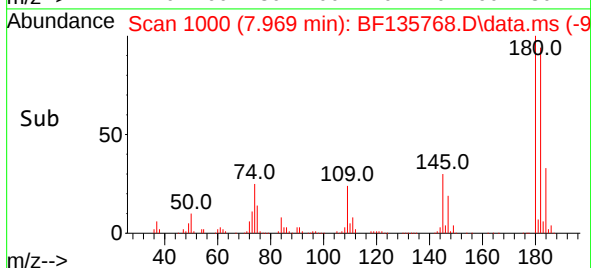
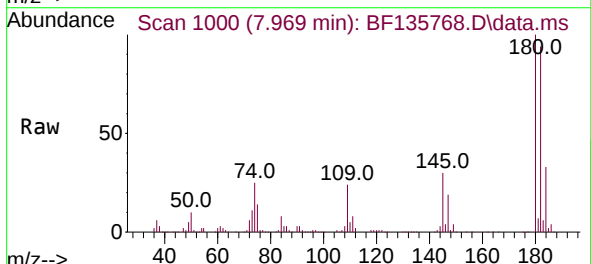
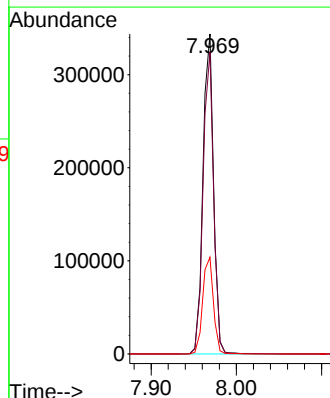
Tgt Ion:180 Resp: 296221

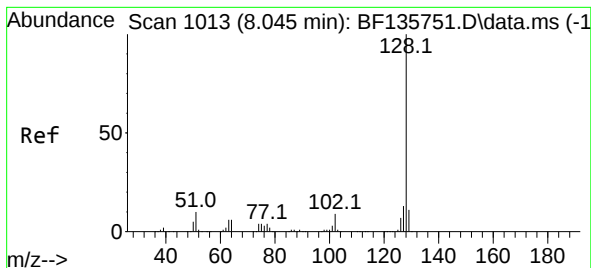
Ion Ratio Lower Upper

180 100

182 94.2 76.4 114.6

145 30.2 25.0 37.6





#31

Naphthalene

Concen: 40.587 ng

RT: 8.045 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

Instrument :

BNA_F

ClientSampleId :

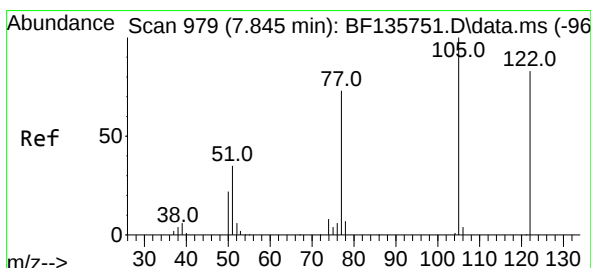
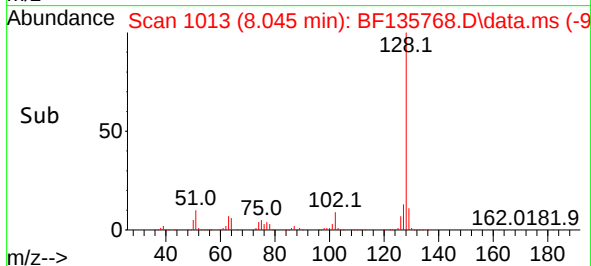
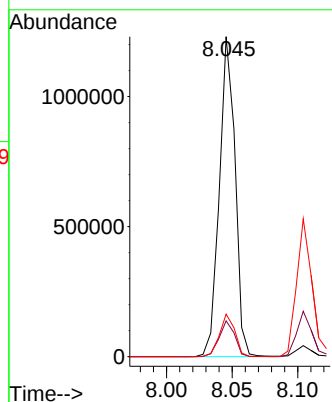
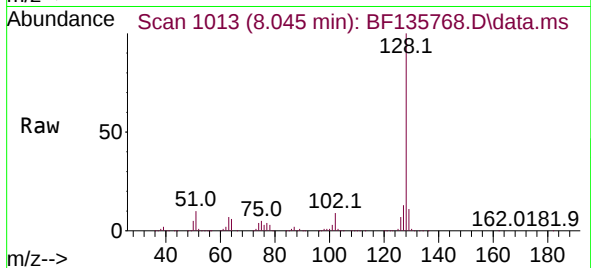
Tgt Ion:128 Resp: 1025341

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 13.3 10.2 15.4



#32

Benzoic acid

Concen: 44.706 ng

RT: 7.851 min Scan# 980

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

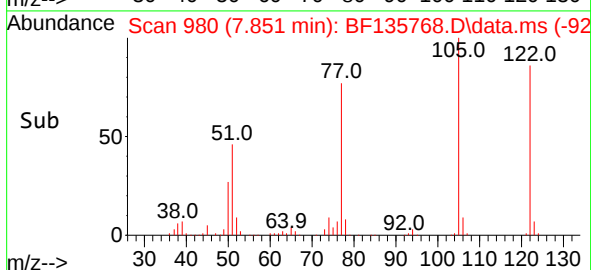
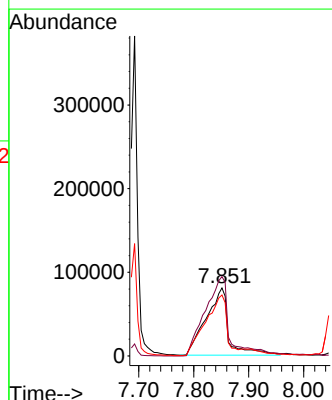
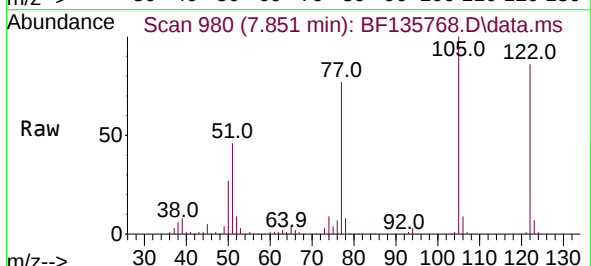
Tgt Ion:122 Resp: 229775

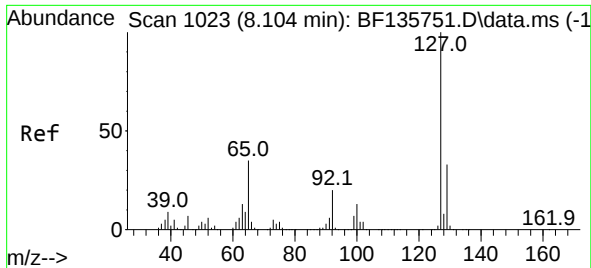
Ion Ratio Lower Upper

122 100

105 116.6 98.7 138.7

77 89.7 67.8 107.8

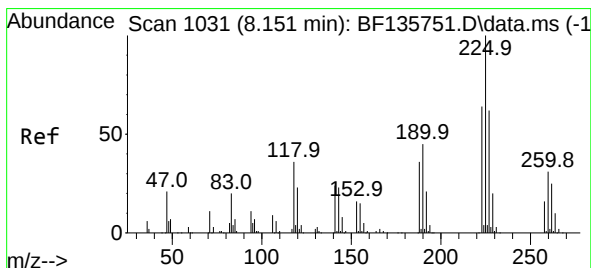
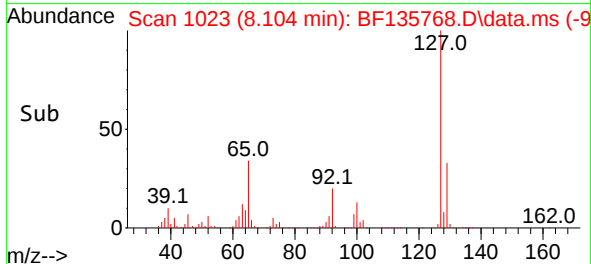
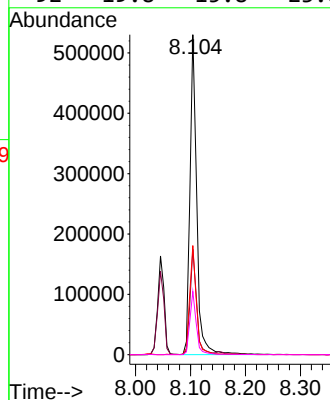
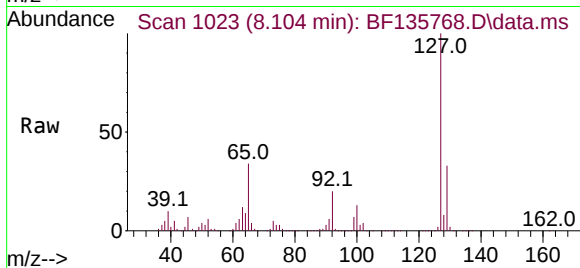




#33
4-Chloroaniline
Concen: 41.203 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

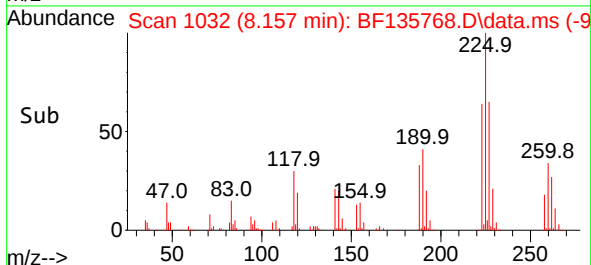
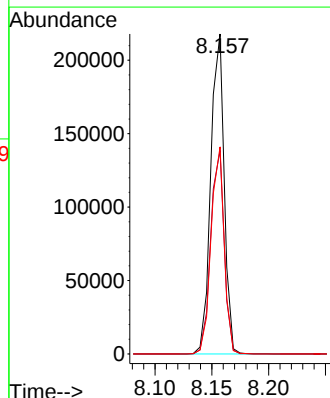
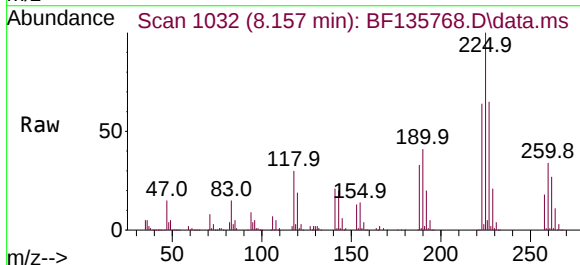
Instrument :
BNA_F
ClientSampleId :

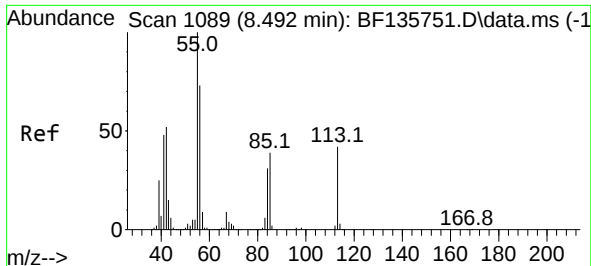
Tgt Ion:	127	Resp:	454695
Ion Ratio	Lower	Upper	
127	100		
129	32.9	26.5	39.7
65	34.1	27.9	41.9
92	19.8	15.8	23.8



#34
Hexachlorobutadiene
Concen: 41.449 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

Tgt Ion:	225	Resp:	178552
Ion Ratio	Lower	Upper	
225	100		
223	63.6	51.1	76.7
227	64.7	49.7	74.5

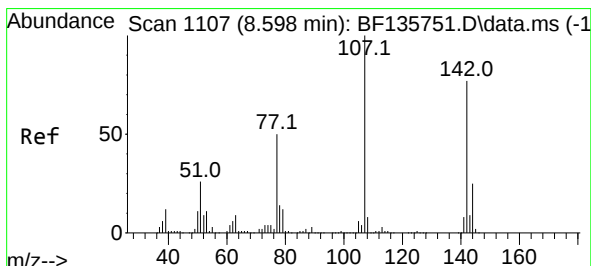
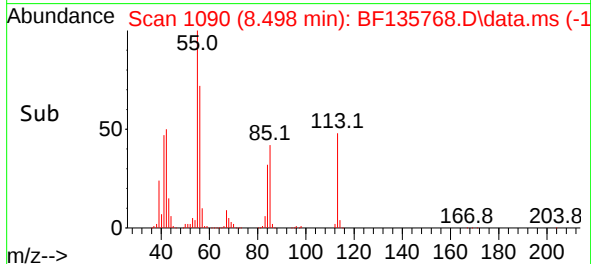
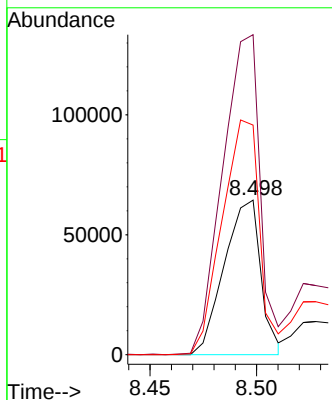
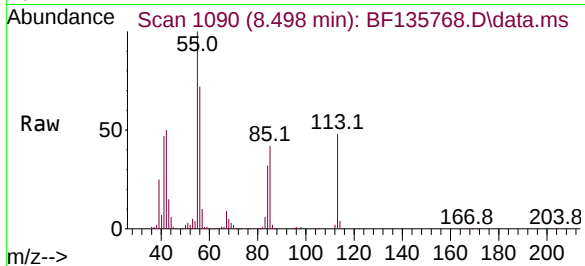




#35
 Caprolactam
 Concen: 31.706 ng
 RT: 8.498 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: BF135768.D
 Acq: 16 Oct 2023 10:33

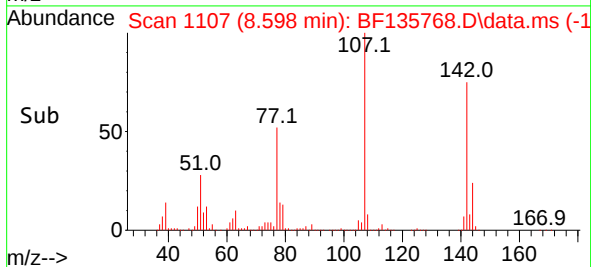
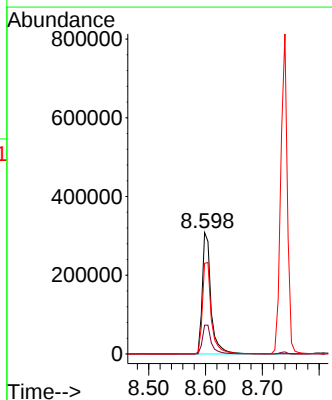
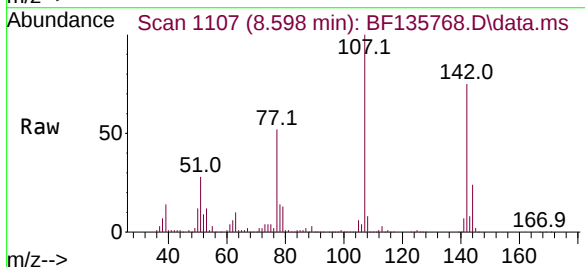
Instrument :
 BNA_F
 ClientSampleId :

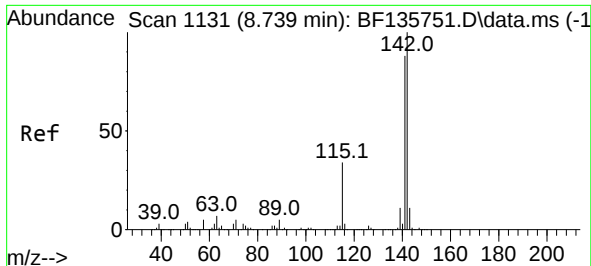
Tgt Ion:113 Resp: 77125
 Ion Ratio Lower Upper
 113 100
 55 207.1 217.4 257.4#
 56 148.7 153.1 193.1#



#36
 4-Chloro-3-methylphenol
 Concen: 41.336 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: BF135768.D
 Acq: 16 Oct 2023 10:33

Tgt Ion:107 Resp: 326181
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.8 29.8
 142 74.6 61.3 91.9

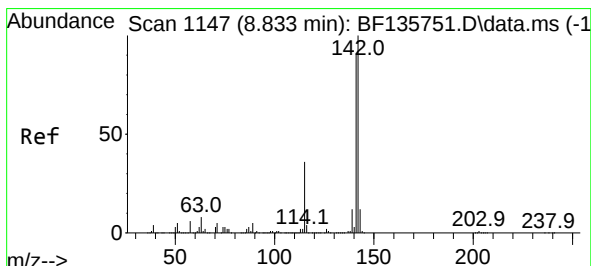
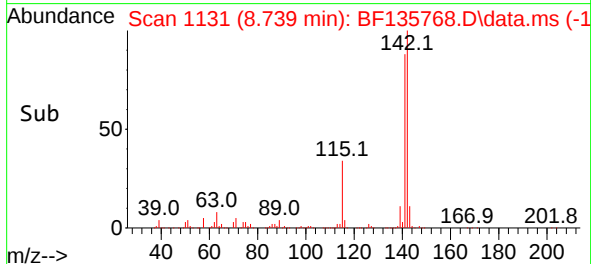
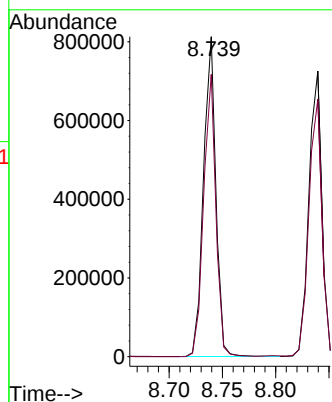
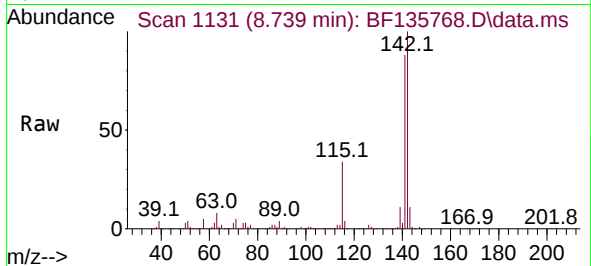




#37
2-Methylnaphthalene
Concen: 39.492 ng
RT: 8.739 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

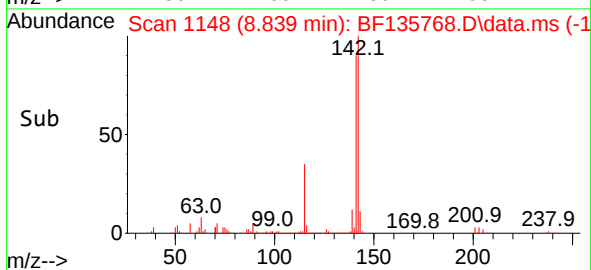
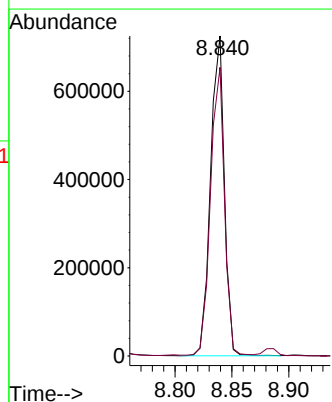
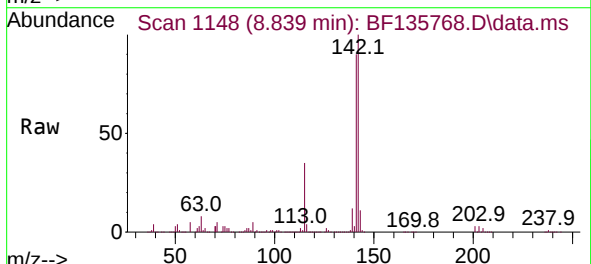
Instrument :
BNA_F
ClientSampleId :

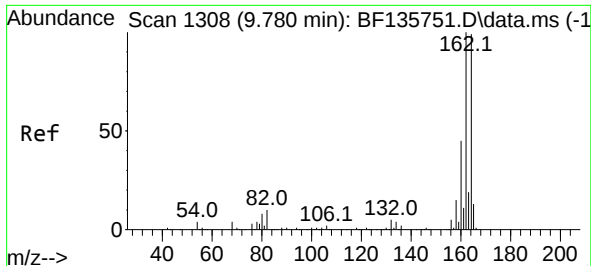
Tgt Ion:142 Resp: 657307
Ion Ratio Lower Upper
142 100
141 88.2 70.6 105.8



#38
1-Methylnaphthalene
Concen: 39.861 ng
RT: 8.839 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

Tgt Ion:142 Resp: 611929
Ion Ratio Lower Upper
142 100
141 90.2 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.787 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

Instrument :

BNA_F

ClientSampleId :

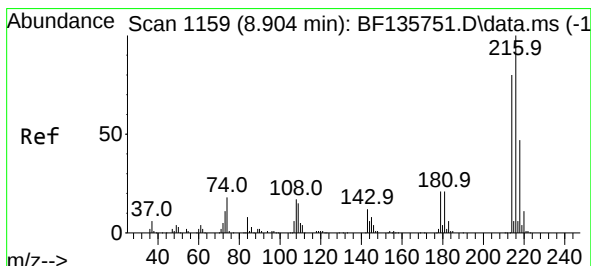
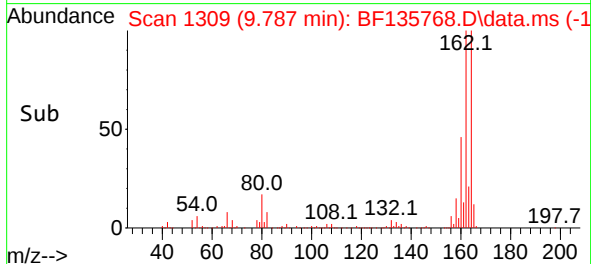
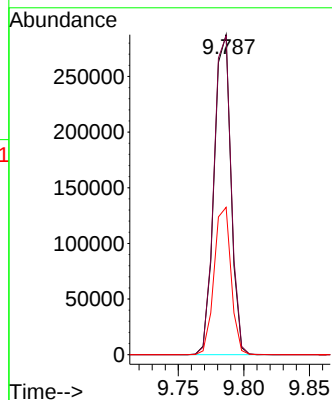
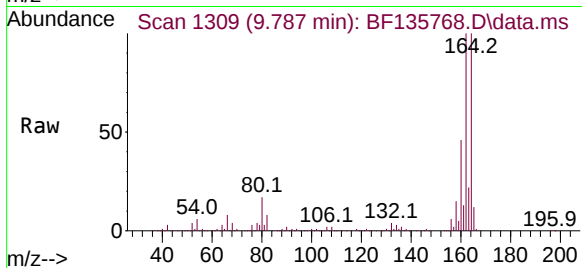
Tgt Ion:164 Resp: 257242

Ion Ratio Lower Upper

164 100

162 99.6 80.8 121.2

160 46.0 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.100 ng

RT: 8.910 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

Tgt Ion:216 Resp: 304126

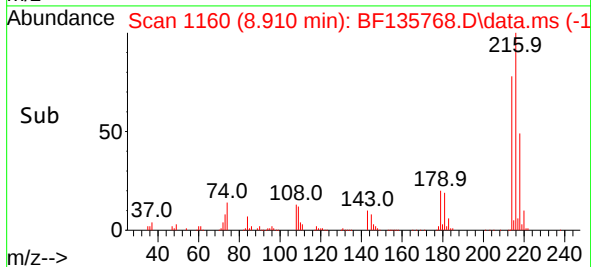
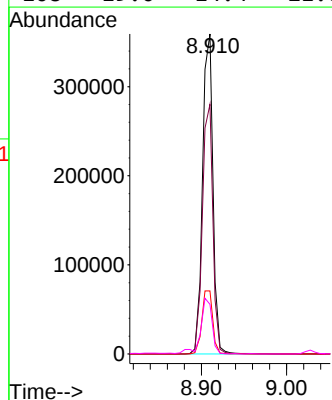
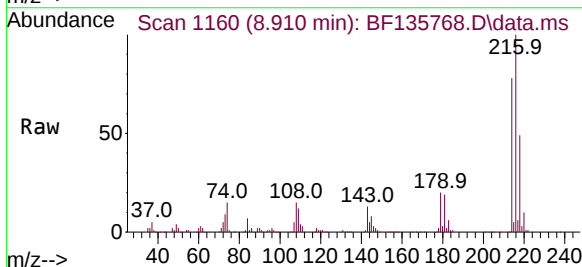
Ion Ratio Lower Upper

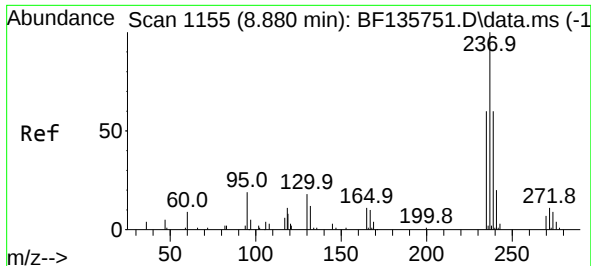
216 100

214 79.1 64.0 96.0

179 20.6 16.9 25.3

108 19.0 14.4 21.6

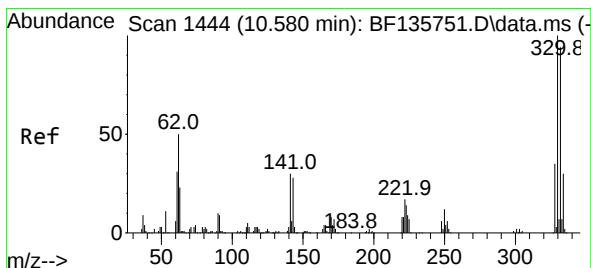
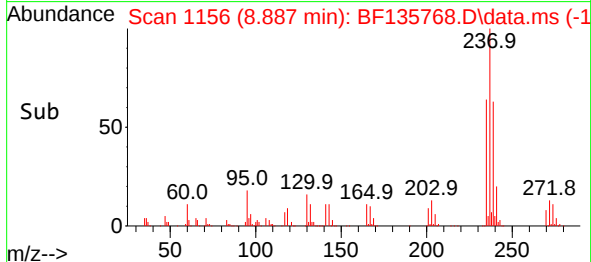
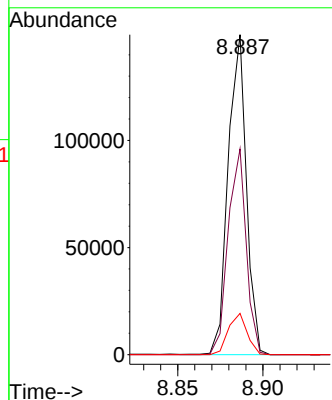
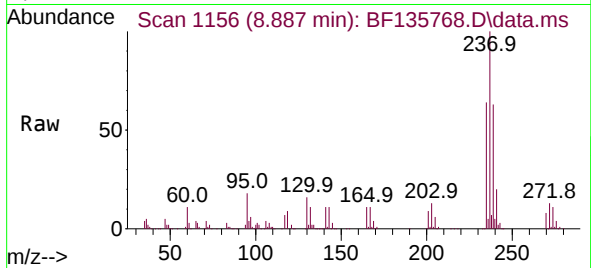




#41
Hexachlorocyclopentadiene
Concen: 75.951 ng
RT: 8.887 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

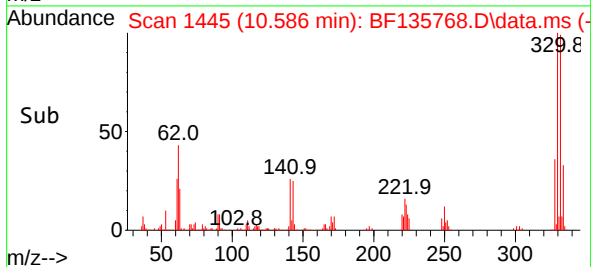
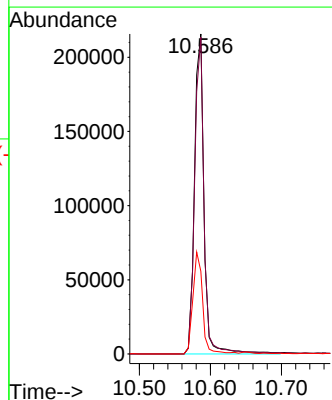
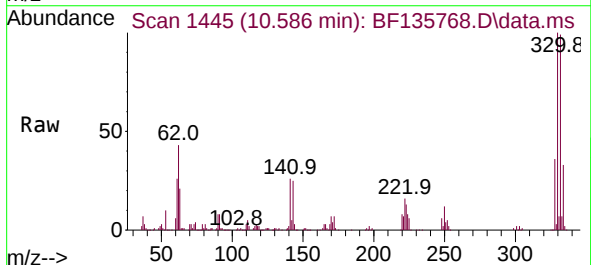
Instrument :
BNA_F
ClientSampleId :

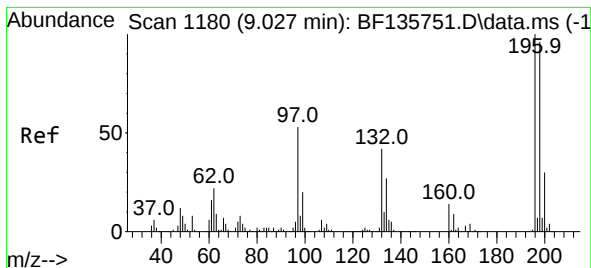
Tgt Ion:237 Resp: 110880
Ion Ratio Lower Upper
237 100
235 64.3 40.0 80.0
272 12.9 0.0 30.9



#42
2,4,6-Tribromophenol
Concen: 81.867 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

Tgt Ion:330 Resp: 202083
Ion Ratio Lower Upper
330 100
332 98.0 75.0 112.4
141 32.6 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 40.850 ng

RT: 9.028 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

Instrument :

BNA_F

ClientSampleId :

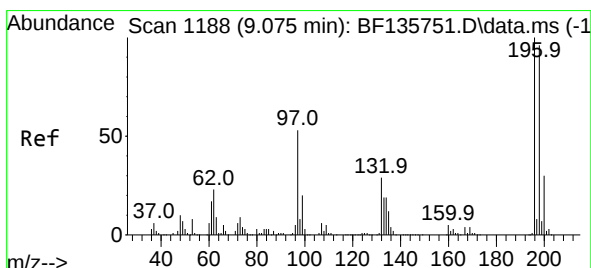
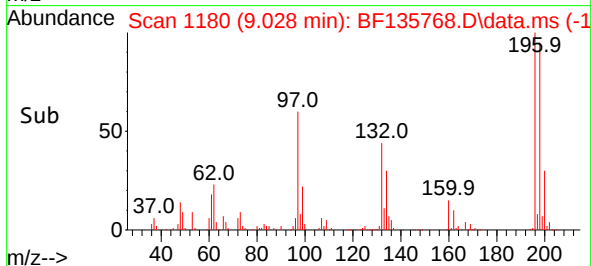
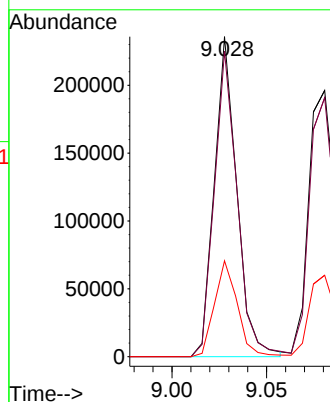
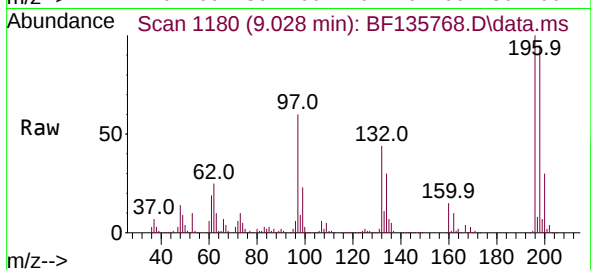
Tgt Ion:196 Resp: 194791

Ion Ratio Lower Upper

196 100

198 95.5 76.7 115.1

200 30.0 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 41.736 ng

RT: 9.081 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

Tgt Ion:196 Resp: 231472

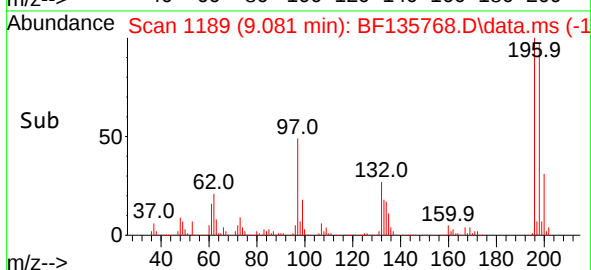
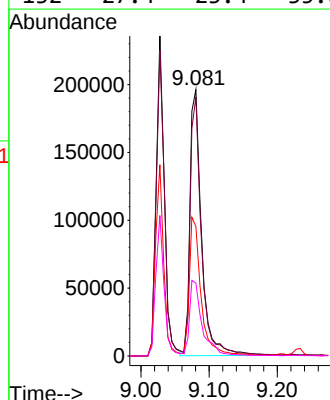
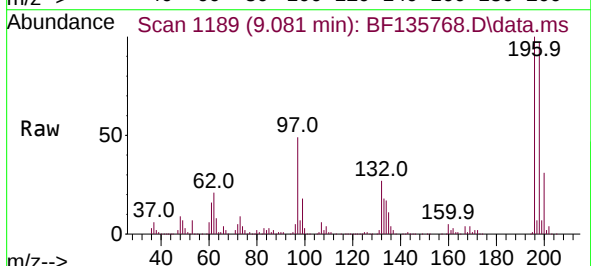
Ion Ratio Lower Upper

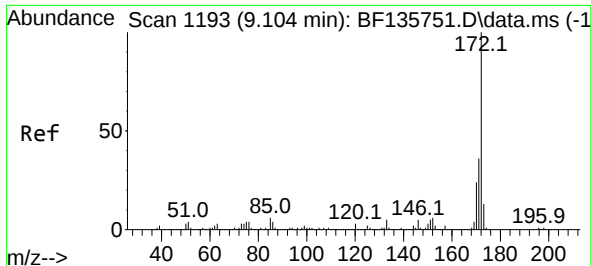
196 100

198 97.3 77.0 115.6

97 48.7 42.2 63.2

132 27.4 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 79.559 ng

RT: 9.104 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

Instrument :

BNA_F

ClientSampleId :

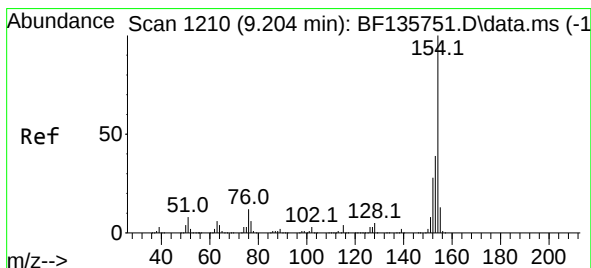
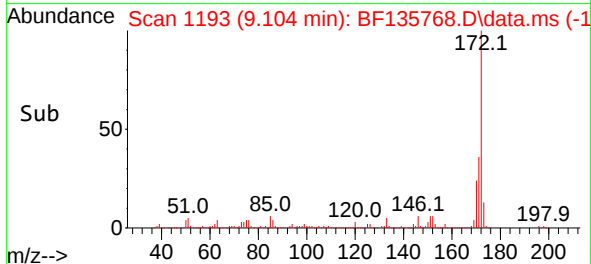
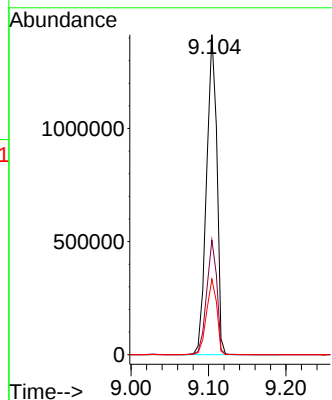
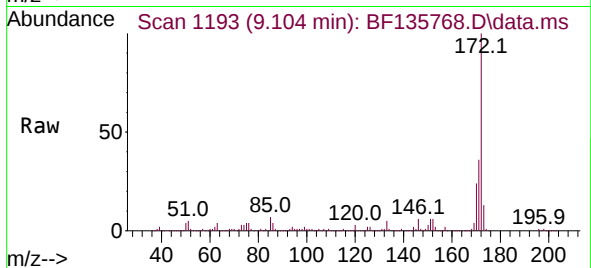
Tgt Ion:172 Resp: 1308966

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.6 18.8 28.2



#46

1,1'-Biphenyl

Concen: 40.505 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

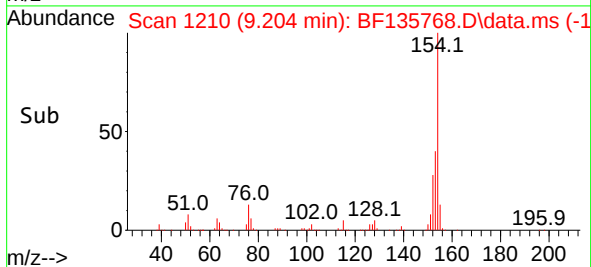
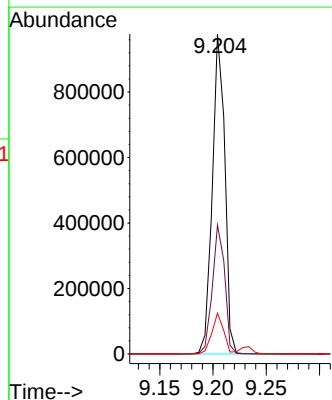
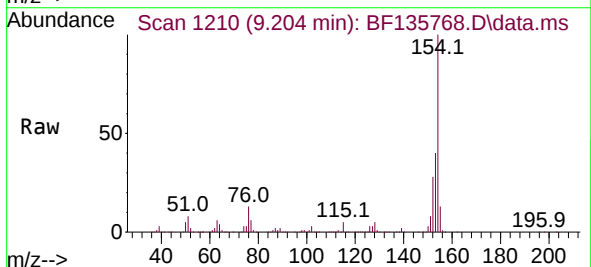
Tgt Ion:154 Resp: 798149

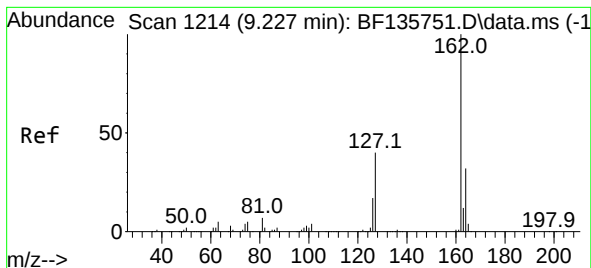
Ion Ratio Lower Upper

154 100

153 40.3 19.4 59.4

76 12.7 0.0 31.7





#47

2-Chloronaphthalene

Concen: 40.183 ng

RT: 9.234 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

Instrument :

BNA_F

ClientSampleId :

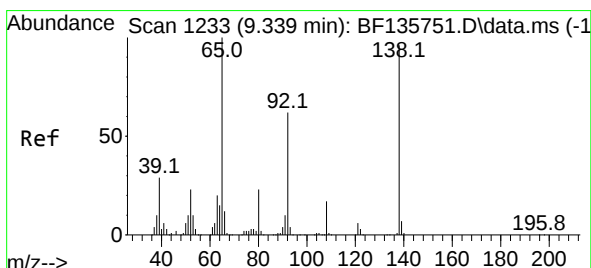
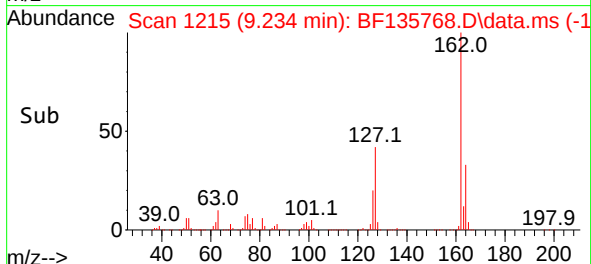
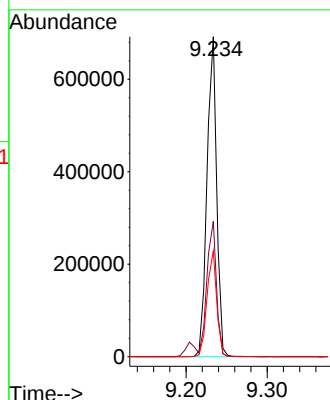
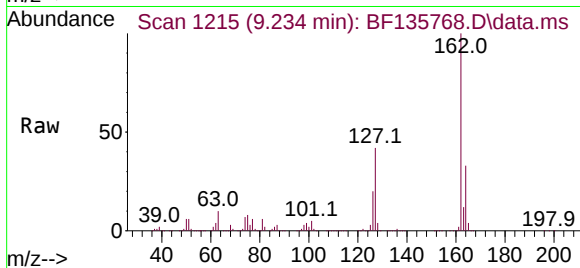
Tgt Ion:162 Resp: 570654

Ion Ratio Lower Upper

162 100

127 42.3 34.7 52.1

164 33.0 25.6 38.4



#48

2-Nitroaniline

Concen: 42.745 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

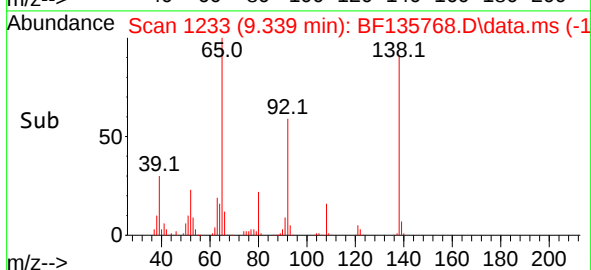
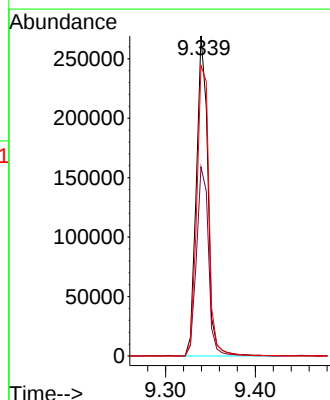
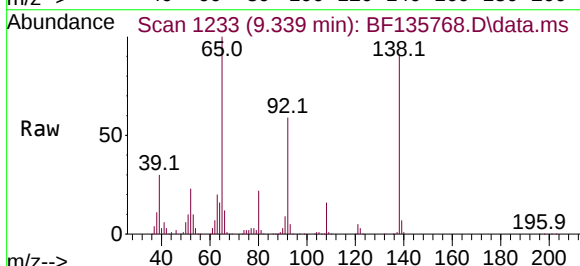
Tgt Ion: 65 Resp: 239612

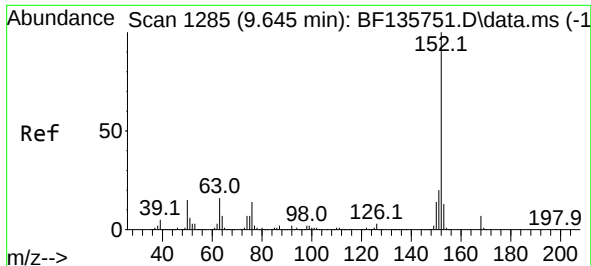
Ion Ratio Lower Upper

65 100

92 59.0 49.4 74.0

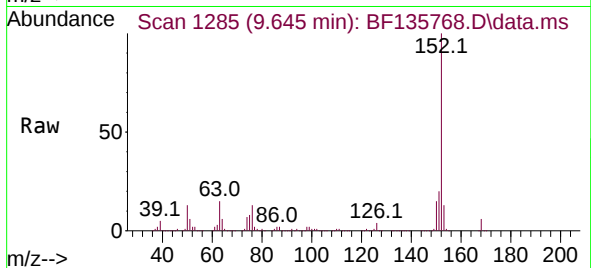
138 90.7 76.6 114.8



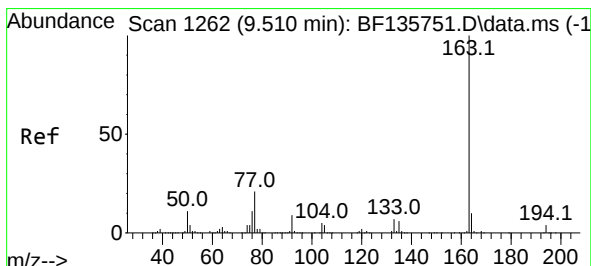
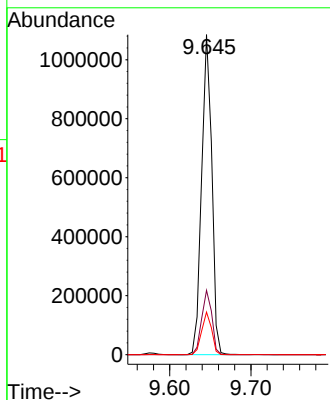
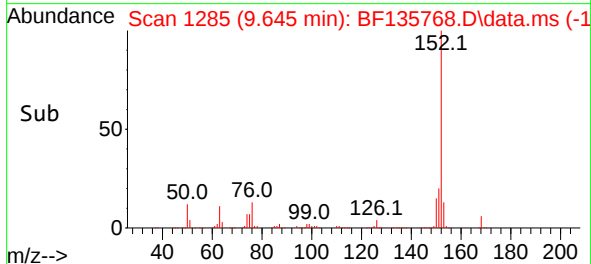


#49
Acenaphthylene
Concen: 40.191 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

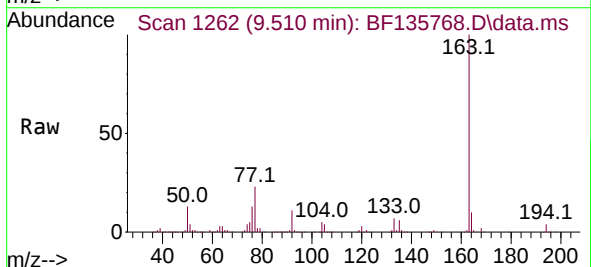
Instrument :
BNA_F
ClientSampleId :



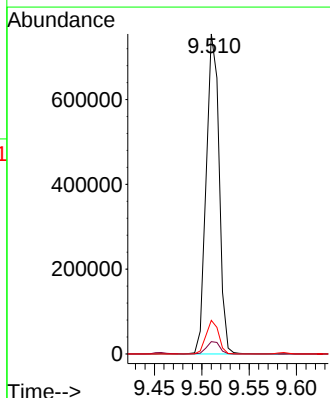
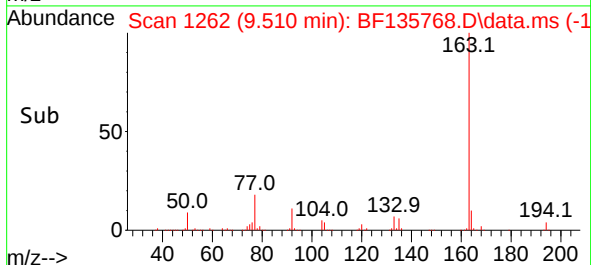
Tgt Ion:152 Resp: 944554
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.3 10.2 15.4

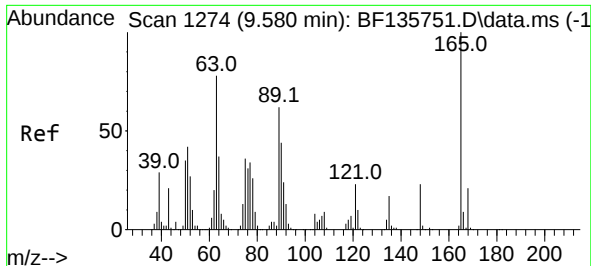


#50
Dimethylphthalate
Concen: 41.084 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33



Tgt Ion:163 Resp: 713437
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.5 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 41.545 ng

RT: 9.586 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135768.D

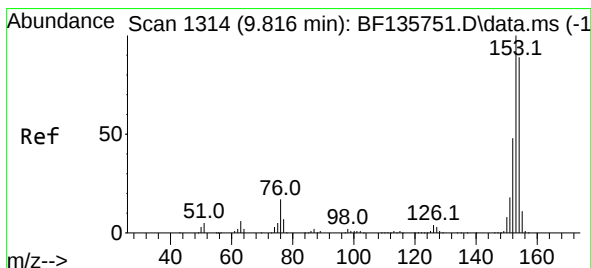
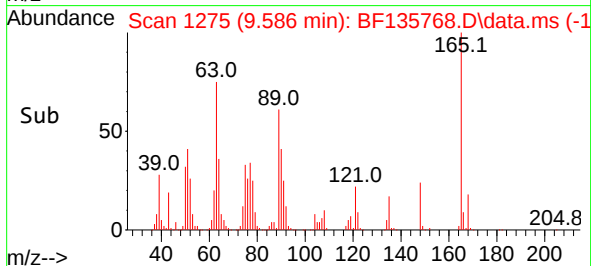
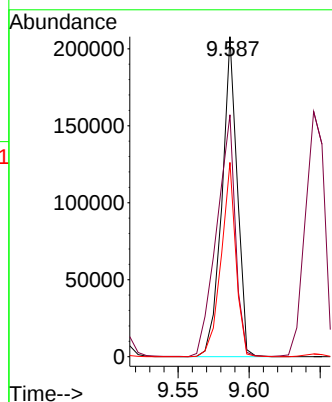
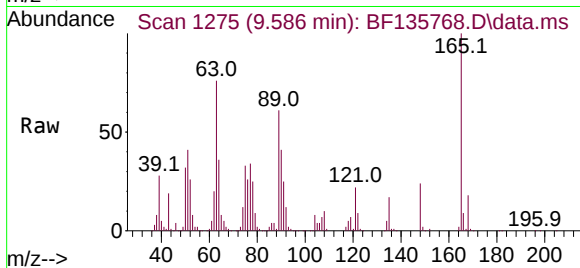
Acq: 16 Oct 2023 10:33

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:165	Resp:	155146
Ion	Ratio	Lower Upper
165	100	
63	75.6	62.2 93.4
89	60.7	49.6 74.4



#52

Acenaphthene

Concen: 40.821 ng

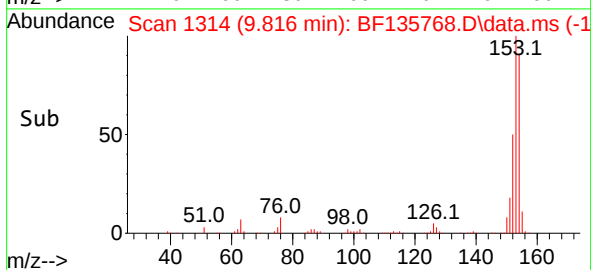
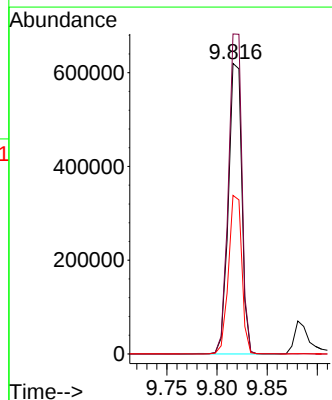
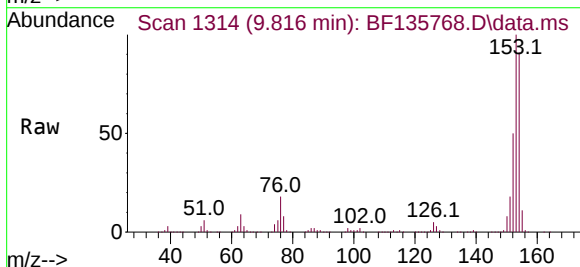
RT: 9.816 min Scan# 1314

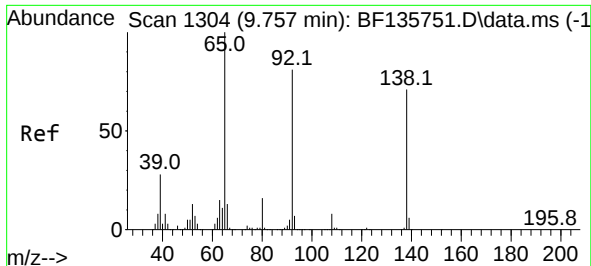
Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

Tgt Ion:154	Resp:	575031
Ion	Ratio	Lower Upper
154	100	
153	110.2	90.1 135.1
152	54.6	43.1 64.7

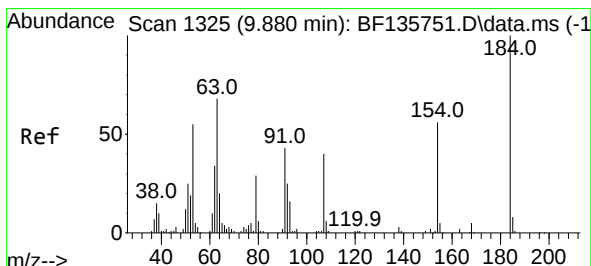
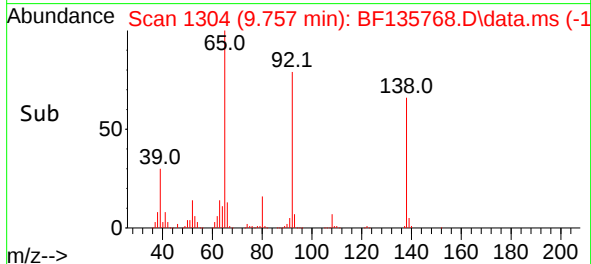
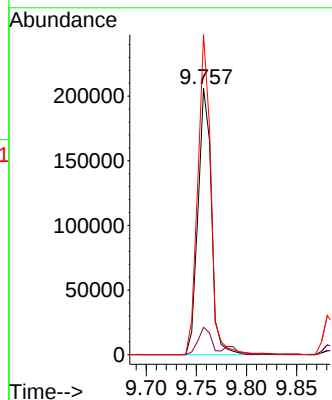
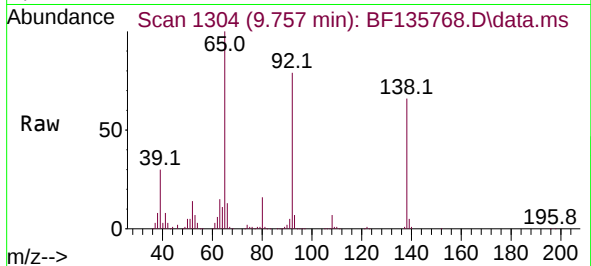




#53
3-Nitroaniline
Concen: 41.992 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

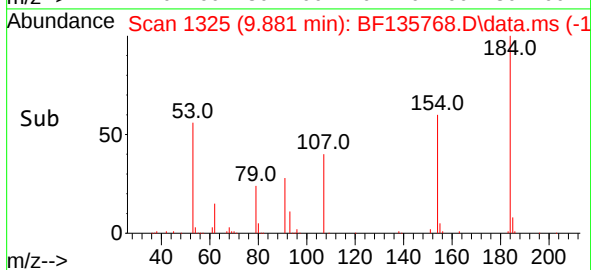
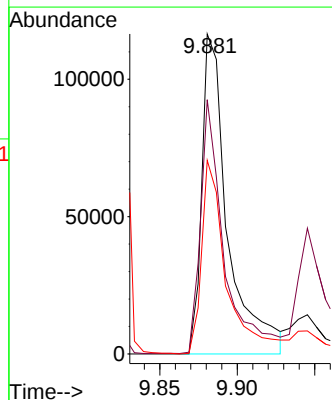
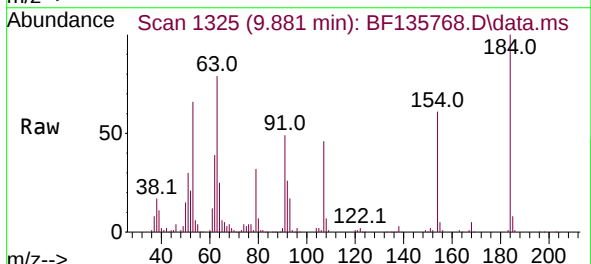
Instrument :
BNA_F
ClientSampleId :

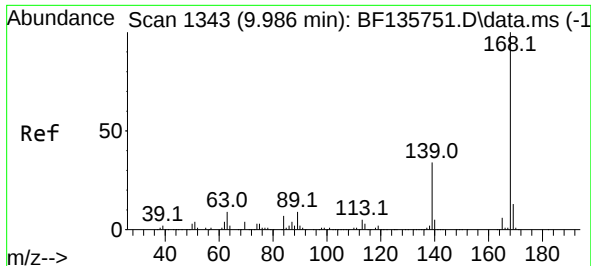
Tgt Ion:138 Resp: 192234
Ion Ratio Lower Upper
138 100
108 10.3 8.6 13.0
92 120.2 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 86.943 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

Tgt Ion:184 Resp: 135530
Ion Ratio Lower Upper
184 100
63 79.5 54.6 81.8
154 60.5 45.0 67.4

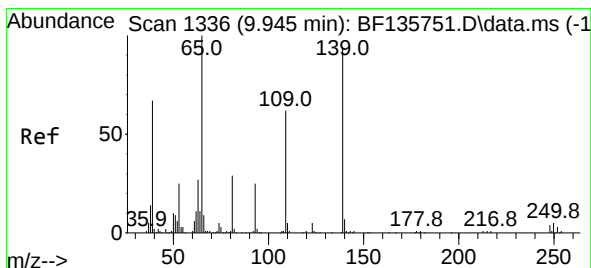
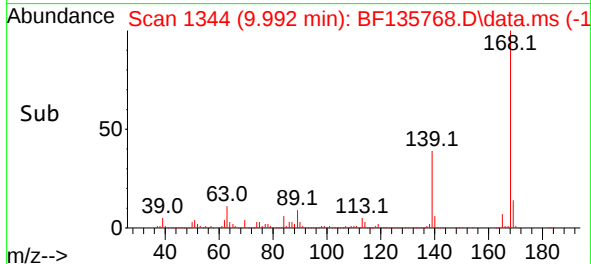
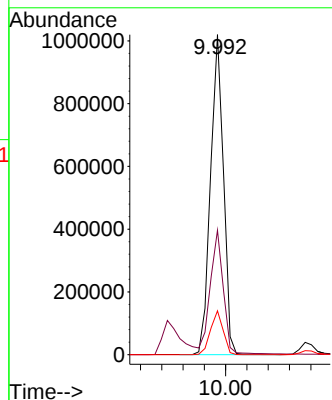
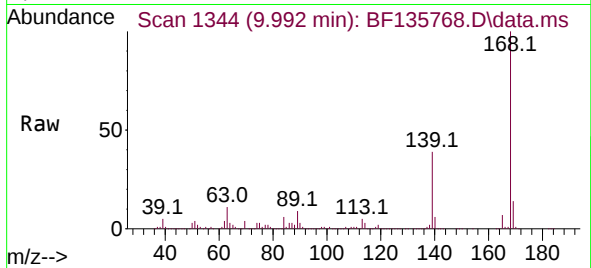




#55
Dibenzenofuran
Concen: 40.407 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

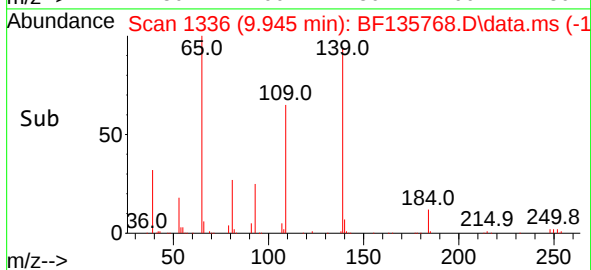
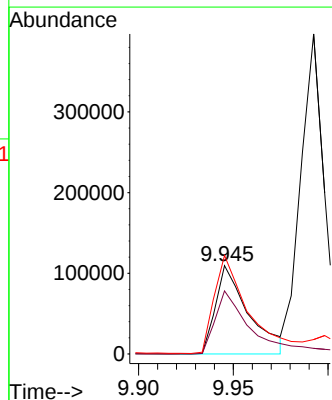
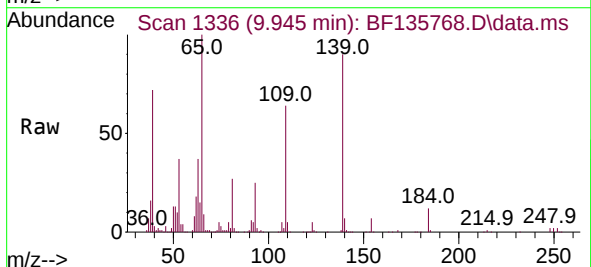
Instrument :
BNA_F
ClientSampleId :

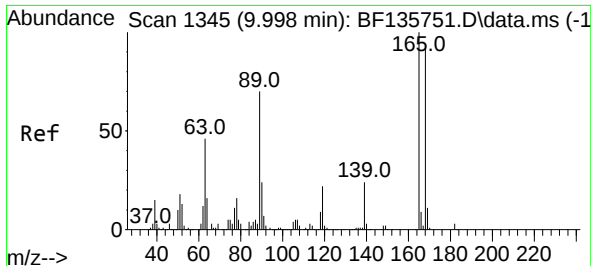
Tgt Ion:168 Resp: 858829
Ion Ratio Lower Upper
168 100
139 38.9 31.0 46.4
169 13.7 10.7 16.1



#56
4-Nitrophenol
Concen: 64.199 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

Tgt Ion:139 Resp: 132212
Ion Ratio Lower Upper
139 100
109 71.5 45.6 85.6
65 111.6 87.5 127.5





#57

2,4-Dinitrotoluene

Concen: 42.746 ng

RT: 10.004 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:165 Resp: 203082

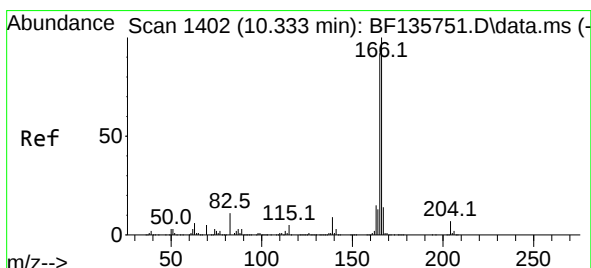
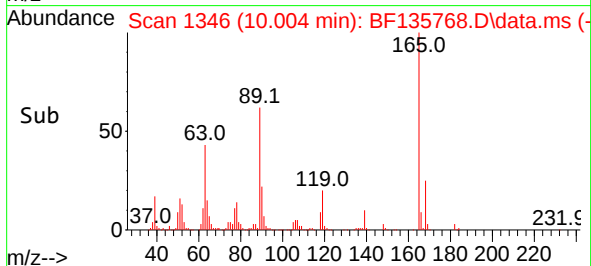
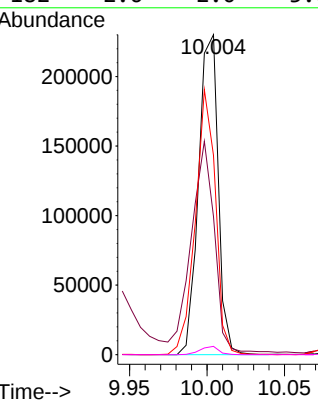
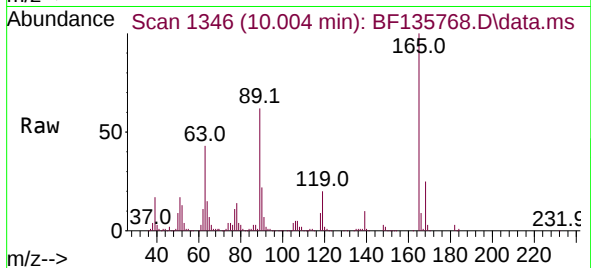
Ion Ratio Lower Upper

165 100

63 43.2 39.0 58.4

89 62.3 55.9 83.9

182 2.6 2.0 3.0



#58

Fluorene

Concen: 41.053 ng

RT: 10.339 min Scan# 1403

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

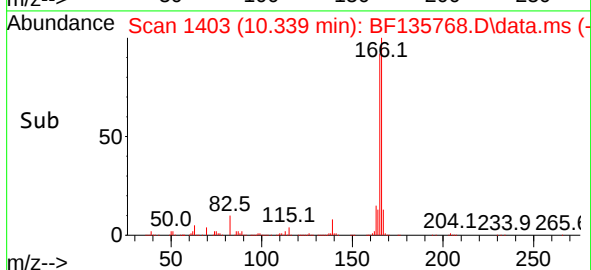
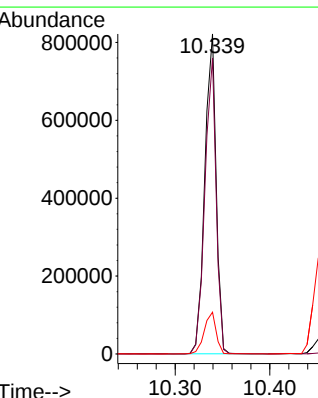
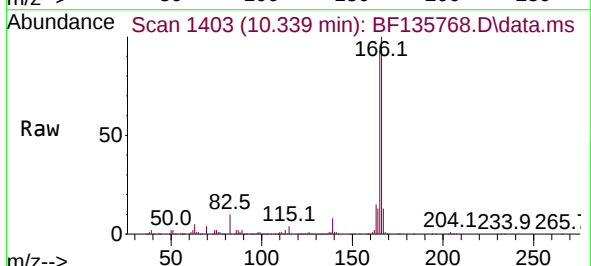
Tgt Ion:166 Resp: 683108

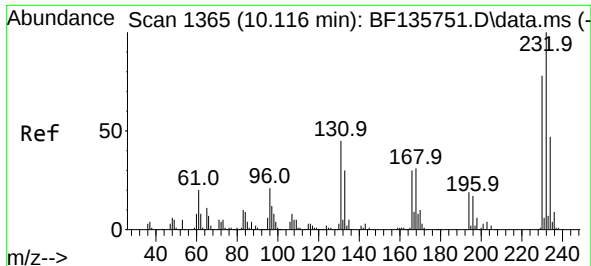
Ion Ratio Lower Upper

166 100

165 92.5 73.4 110.0

167 13.1 11.0 16.6

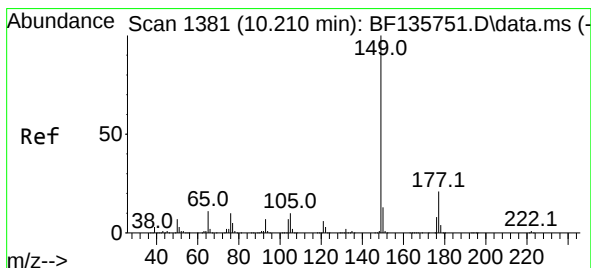
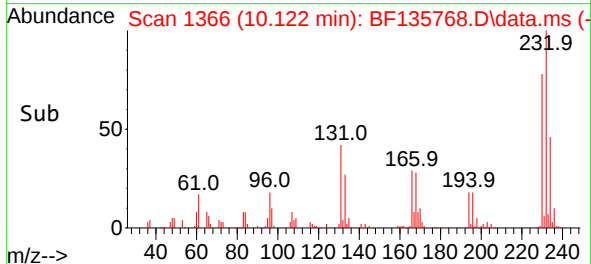
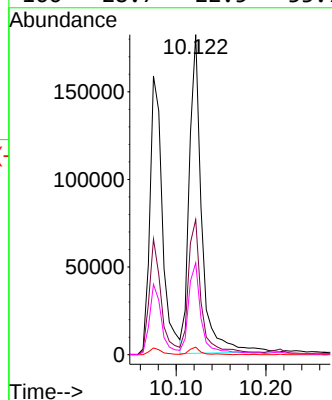
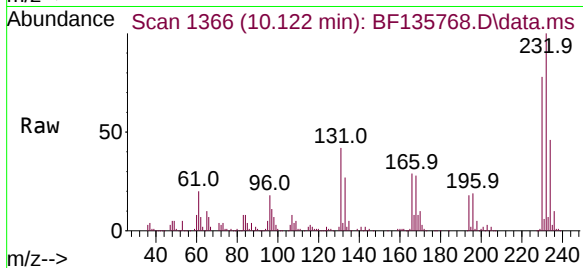




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.797 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

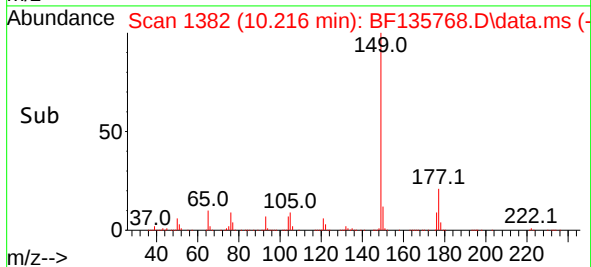
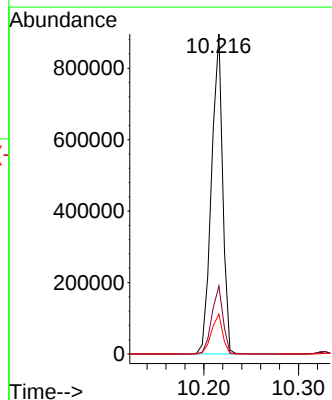
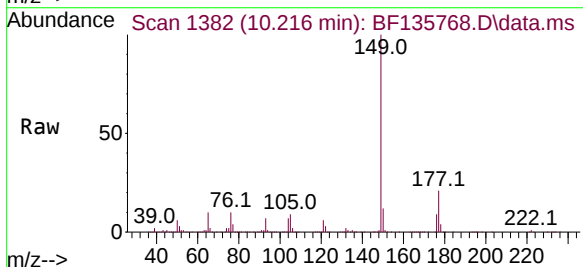
Instrument :
BNA_F
ClientSampleId :

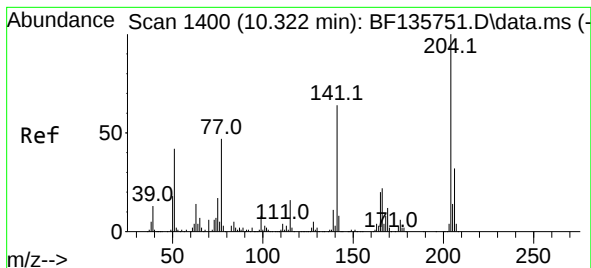
Tgt Ion:232 Resp: 175186
Ion Ratio Lower Upper
232 100
131 44.3 35.8 53.6
130 2.2 1.9 2.9
166 28.7 22.5 33.7



#60
Diethylphthalate
Concen: 41.357 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

Tgt Ion:149 Resp: 733186
Ion Ratio Lower Upper
149 100
177 21.2 16.9 25.3
150 12.4 10.2 15.2

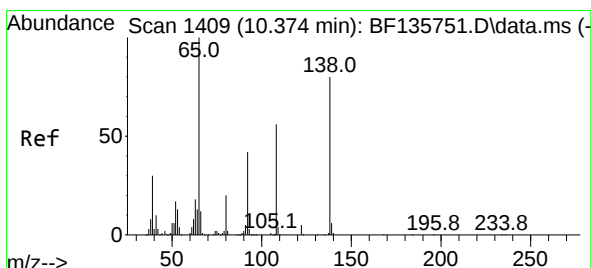
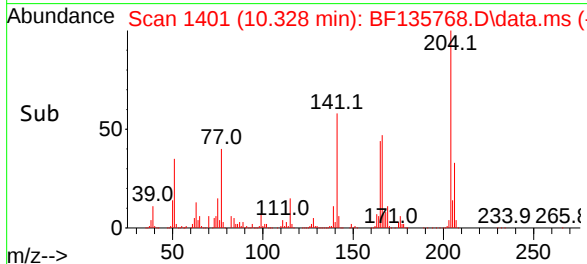
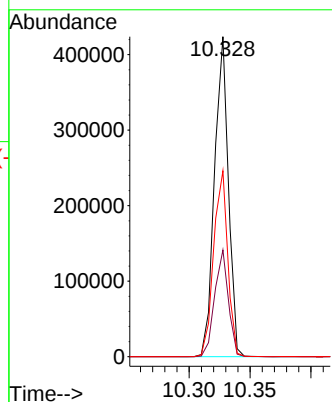
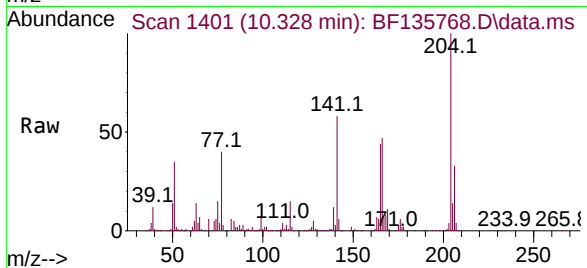




#61
4-Chlorophenyl-phenylether
Concen: 41.677 ng
RT: 10.328 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

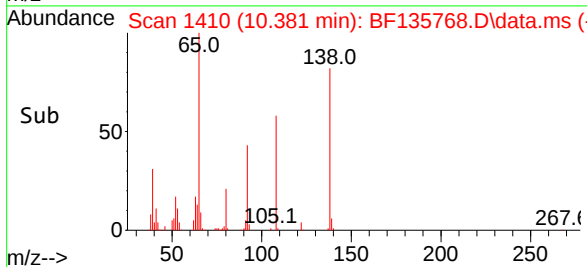
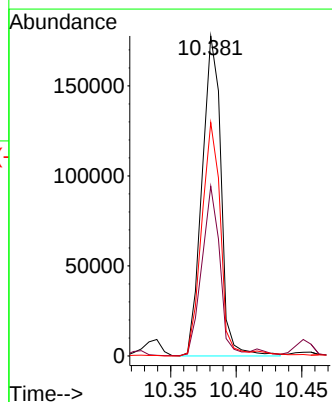
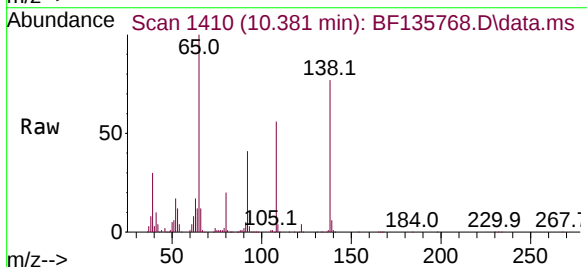
Instrument :
BNA_F
ClientSampleId :

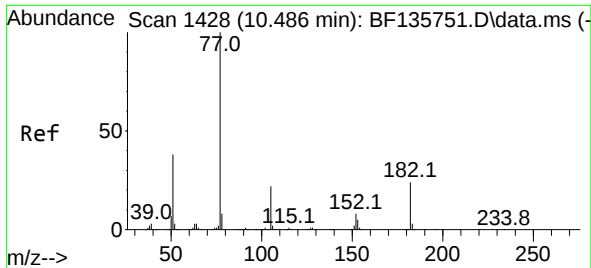
Tgt Ion:204 Resp: 335168
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.6
141 58.1 51.4 77.0



#62
4-Nitroaniline
Concen: 42.607 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

Tgt Ion:138 Resp: 179458
Ion Ratio Lower Upper
138 100
92 53.0 31.9 71.9
108 72.9 49.7 89.7

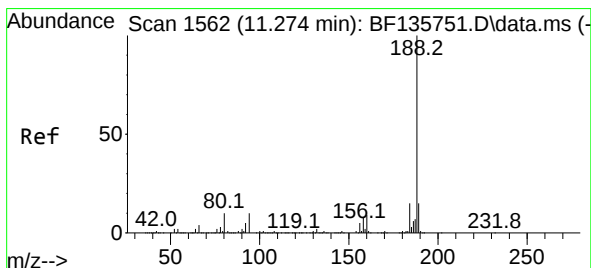
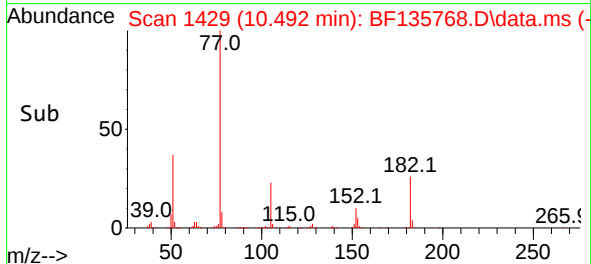
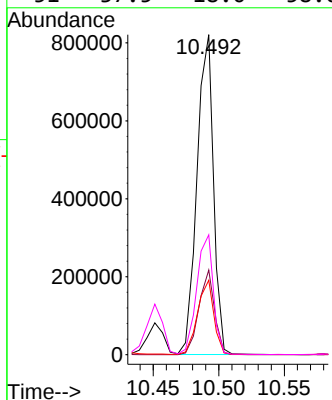
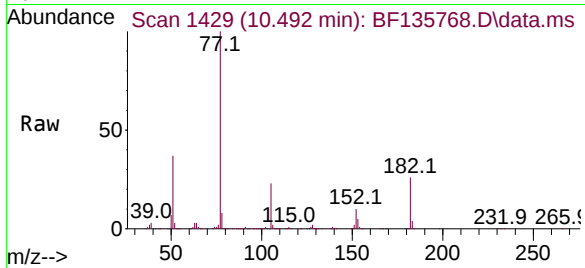




#63
Azobenzene
Concen: 41.867 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

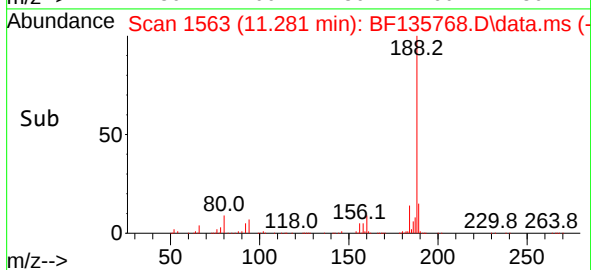
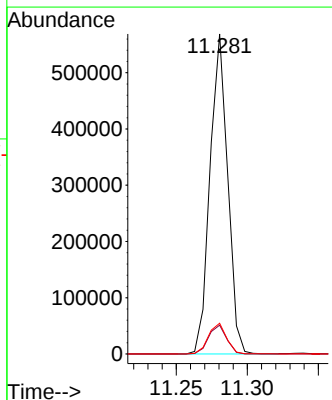
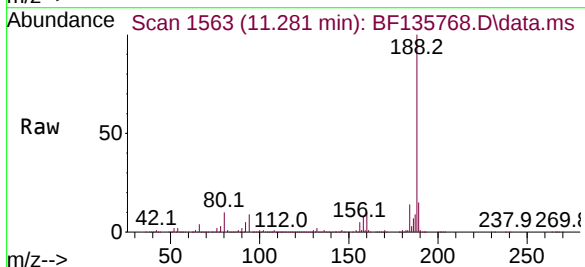
Instrument :
BNA_F
ClientSampleId :

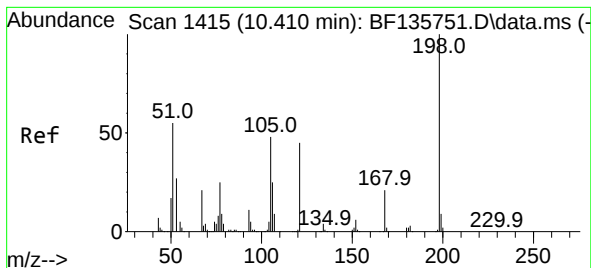
Tgt Ion: 77	Resp: 721118
Ion Ratio	Lower Upper
77 100	
182 26.5	3.5 43.5
105 23.3	2.2 42.2
51 37.5	18.0 58.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.281 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

Tgt Ion: 188	Resp: 491967
Ion Ratio	Lower Upper
188 100	
94 9.0	8.0 12.0
80 9.6	8.3 12.5

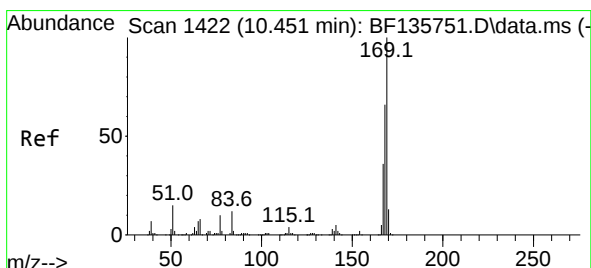
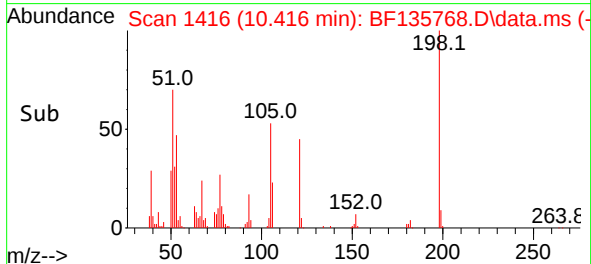
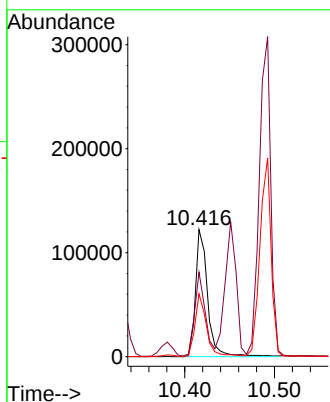
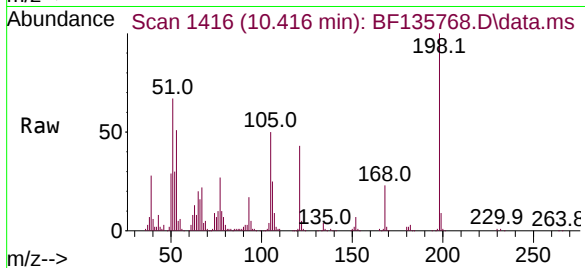




#65
4,6-Dinitro-2-methylphenol
Concen: 46.060 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

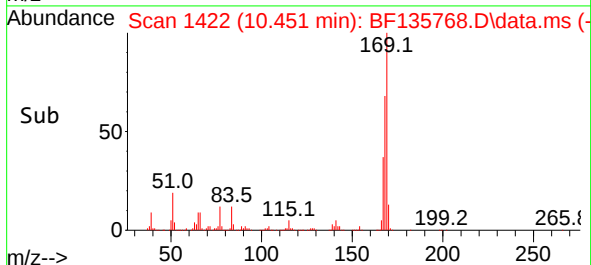
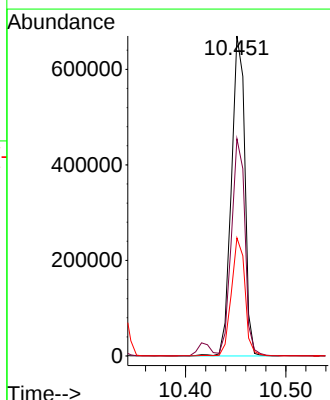
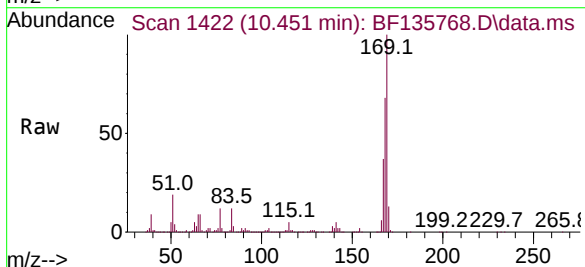
Instrument :
BNA_F
ClientSampleId :

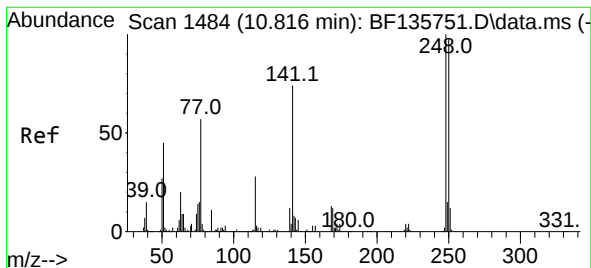
Tgt Ion:198 Resp: 114040
Ion Ratio Lower Upper
198 100
51 66.6 47.6 87.6
105 49.5 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 41.674 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

Tgt Ion:169 Resp: 624899
Ion Ratio Lower Upper
169 100
168 67.9 53.4 80.2
167 36.9 29.2 43.8

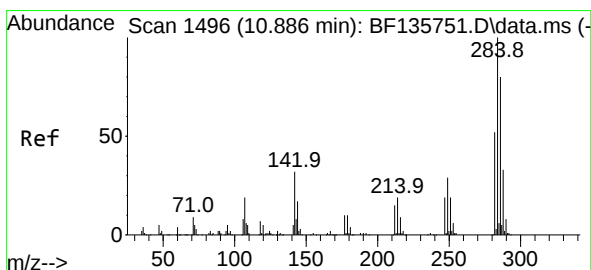
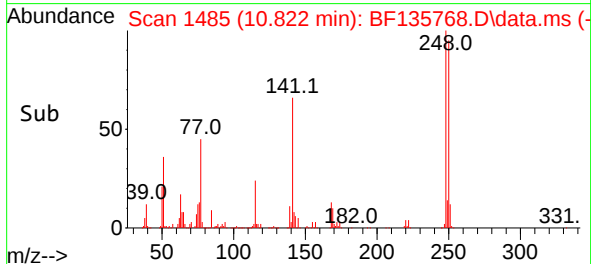
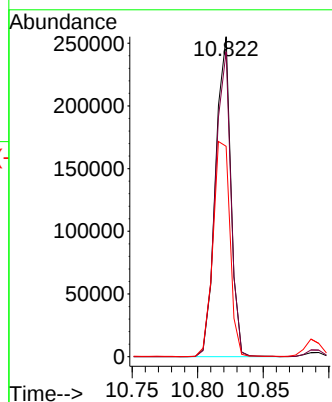
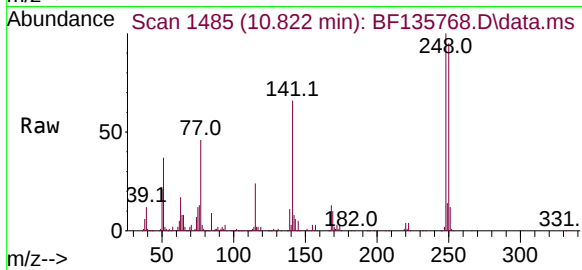




#67
4-Bromophenyl-phenylether
Concen: 42.011 ng
RT: 10.822 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

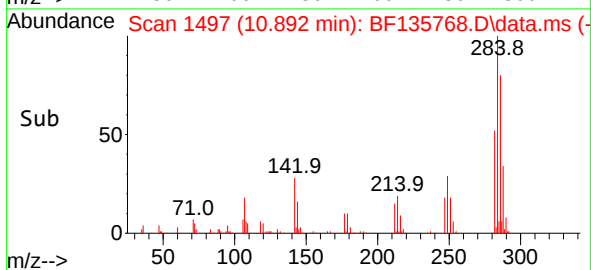
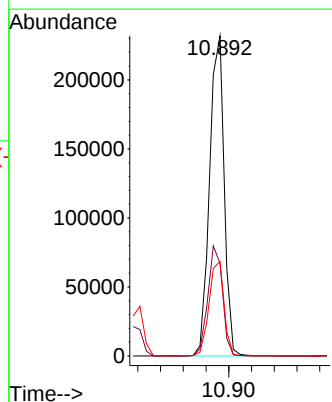
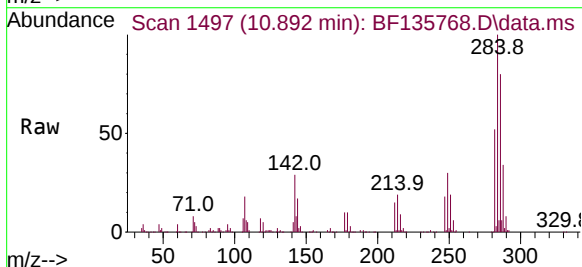
Instrument :
BNA_F
ClientSampleId :

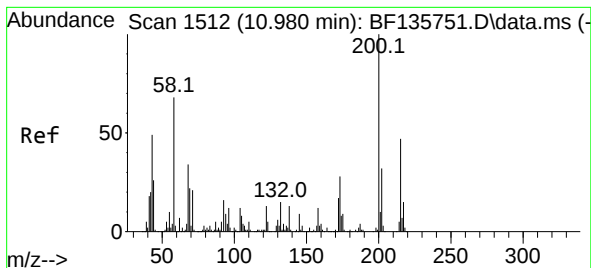
Tgt Ion:248 Resp: 207470
Ion Ratio Lower Upper
248 100
250 95.3 78.0 117.0
141 65.7 59.0 88.6



#68
Hexachlorobenzene
Concen: 41.127 ng
RT: 10.892 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

Tgt Ion:284 Resp: 206784
Ion Ratio Lower Upper
284 100
142 28.9 25.3 37.9
249 29.5 23.5 35.3





#69

Atrazine

Concen: 41.250 ng

RT: 10.986 min Scan# 1513

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

Instrument :

BNA_F

ClientSampleId :

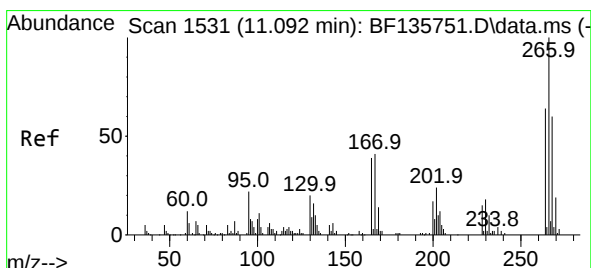
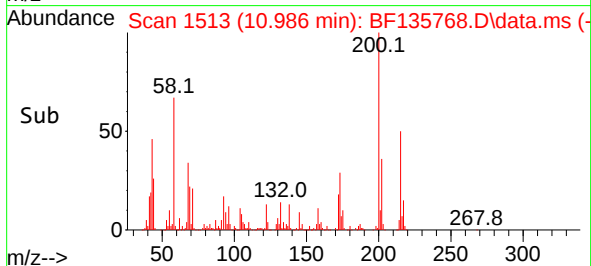
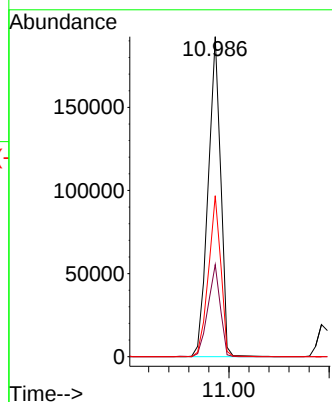
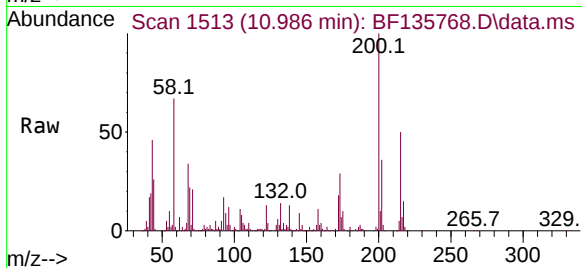
Tgt Ion:200 Resp: 168246

Ion Ratio Lower Upper

200 100

173 28.8 7.6 47.6

215 50.3 27.1 67.1



#70

Pentachlorophenol

Concen: 64.627 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

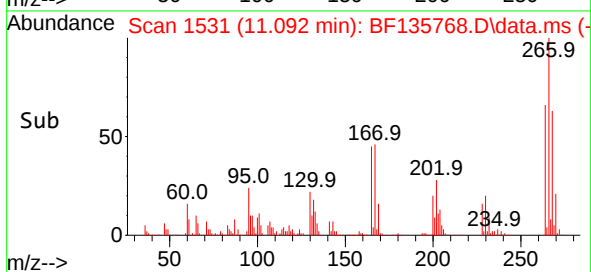
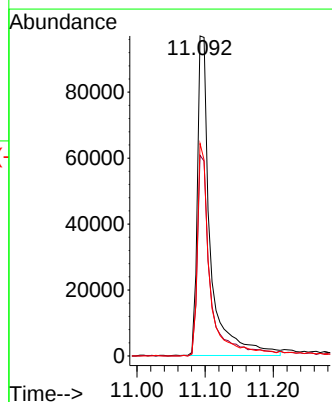
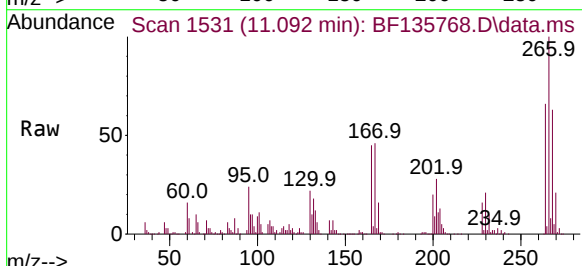
Tgt Ion:266 Resp: 128158

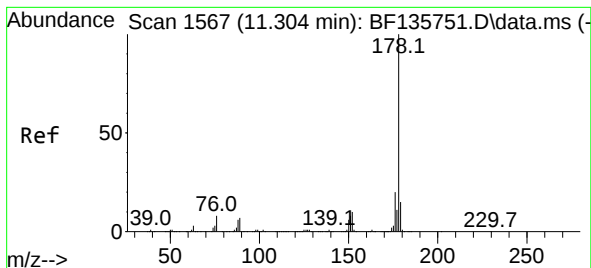
Ion Ratio Lower Upper

266 100

268 62.7 47.7 71.5

264 66.4 51.4 77.2





#71

Phenanthrene

Concen: 40.893 ng

RT: 11.304 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

Instrument :

BNA_F

ClientSampleId :

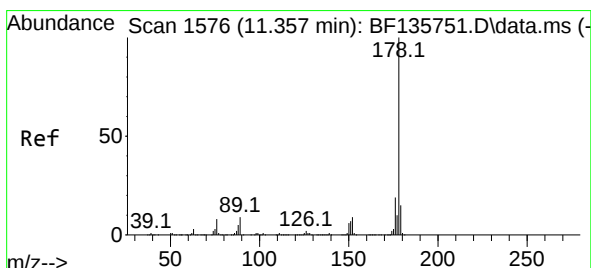
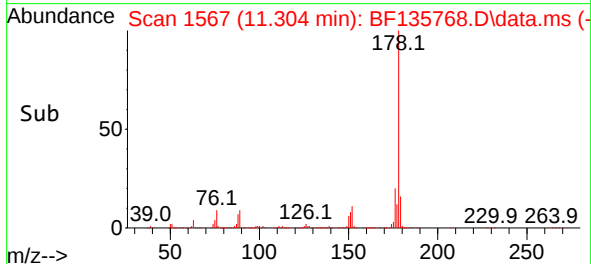
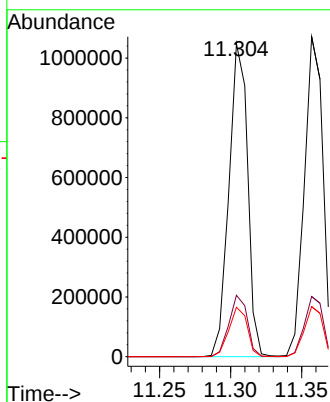
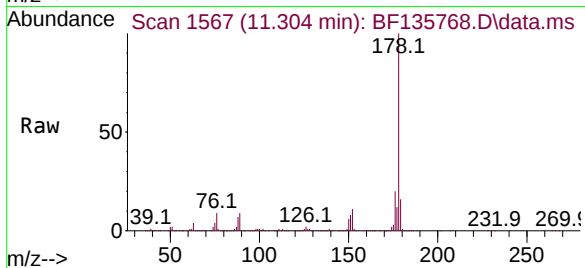
Tgt Ion:178 Resp: 963747

Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

179 15.8 12.2 18.4



#72

Anthracene

Concen: 40.074 ng

RT: 11.357 min Scan# 1576

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

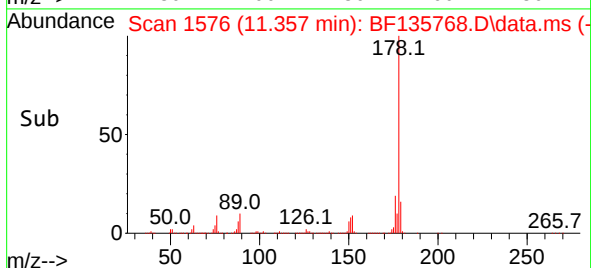
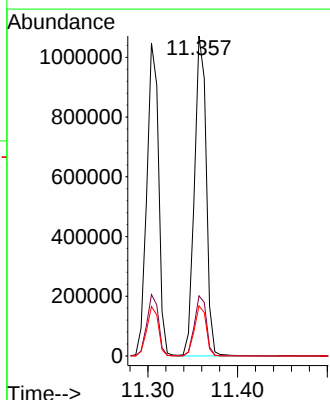
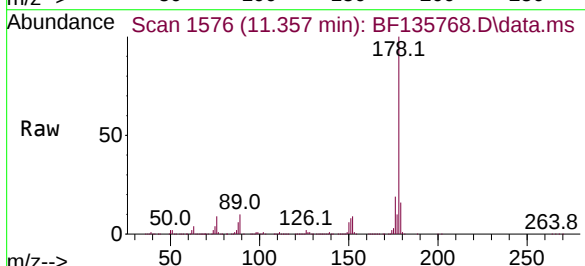
Tgt Ion:178 Resp: 978661

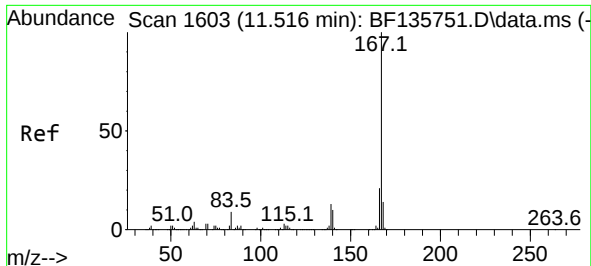
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

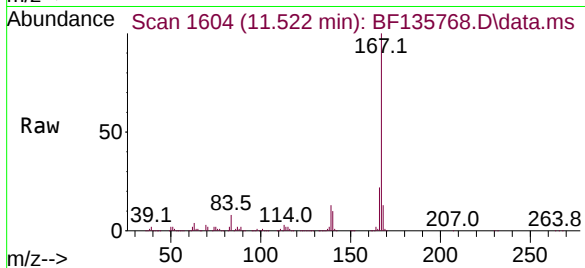
179 15.7 12.3 18.5



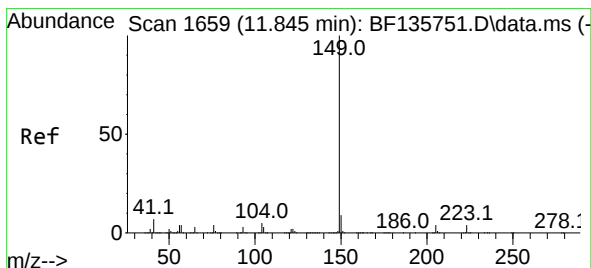
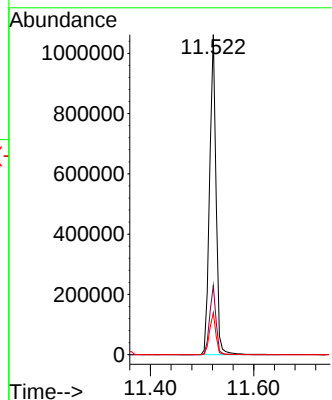
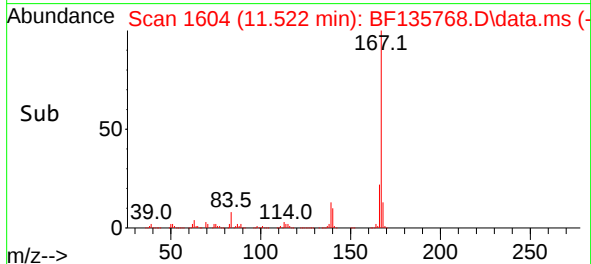


#73
Carbazole
Concen: 40.057 ng
RT: 11.522 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

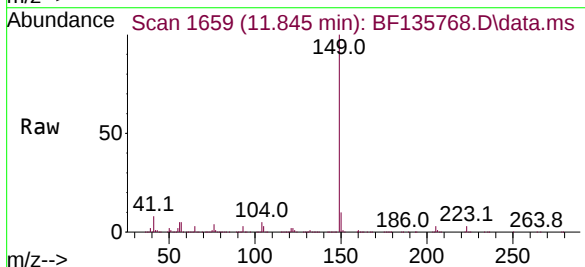
Instrument :
BNA_F
ClientSampleId :



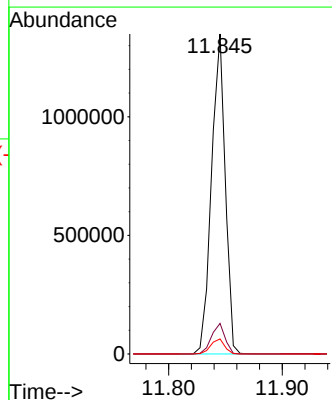
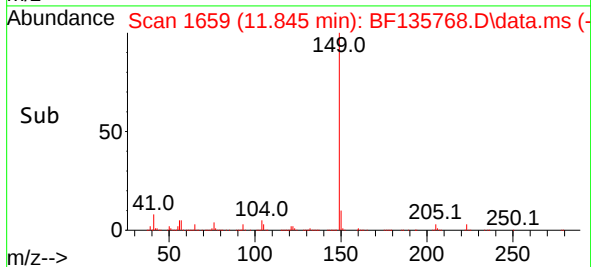
Tgt Ion:167 Resp: 912362
Ion Ratio Lower Upper
167 100
166 21.6 17.1 25.7
139 13.2 10.2 15.4

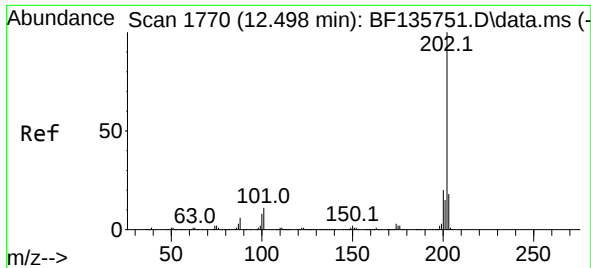


#74
Di-n-butylphthalate
Concen: 40.454 ng
RT: 11.845 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33



Tgt Ion:149 Resp: 1131259
Ion Ratio Lower Upper
149 100
150 9.6 7.4 11.2
104 4.7 3.7 5.5

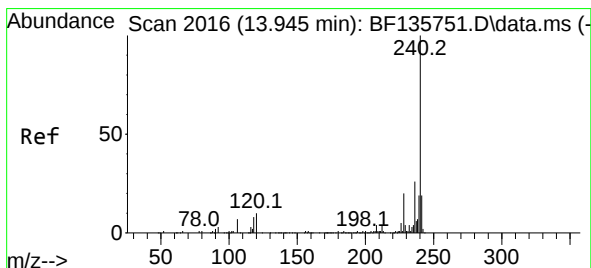
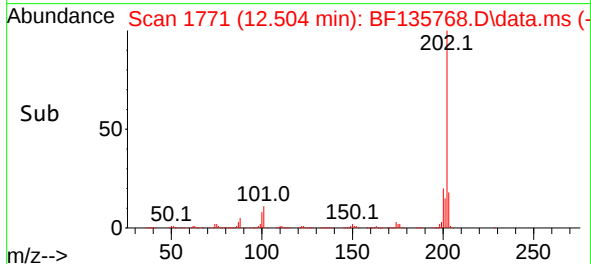
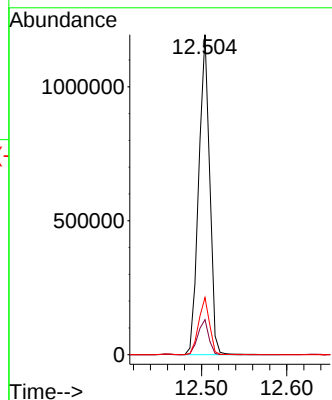
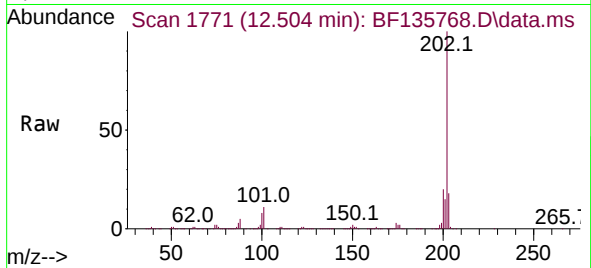




#75
Fluoranthene
Concen: 40.858 ng
RT: 12.504 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

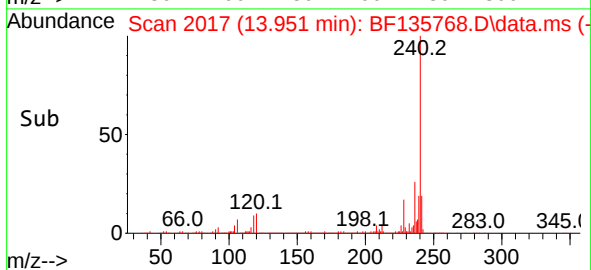
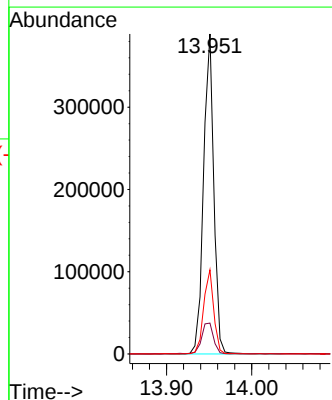
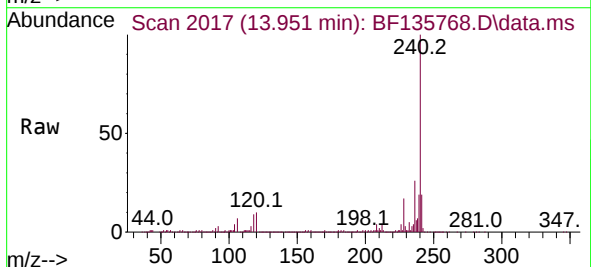
Instrument :
BNA_F
ClientSampleId :

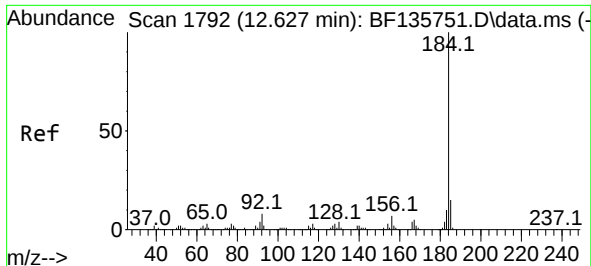
Tgt Ion:202 Resp: 1068733
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.5
203 17.9 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

Tgt Ion:240 Resp: 325224
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.2
236 26.3 21.2 31.8

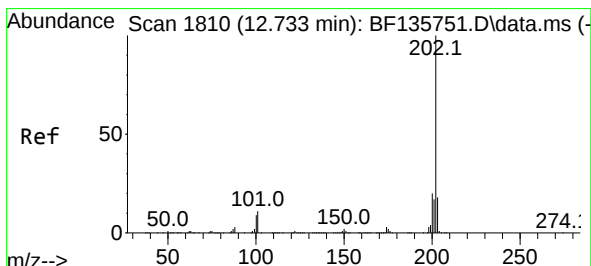
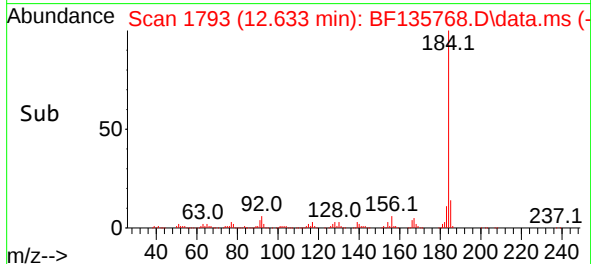
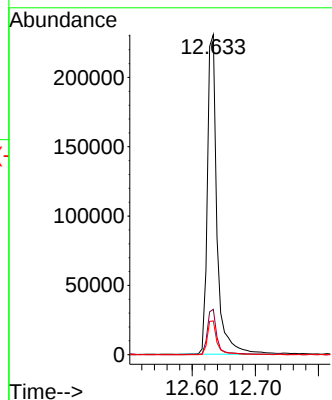
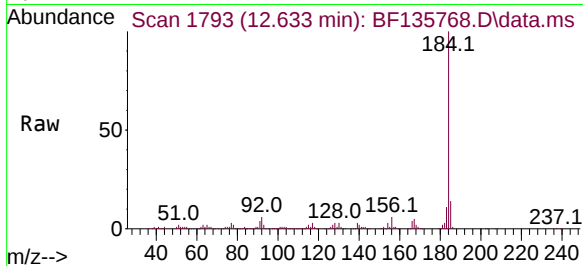




#77
Benzidine
Concen: 34.592 ng
RT: 12.633 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

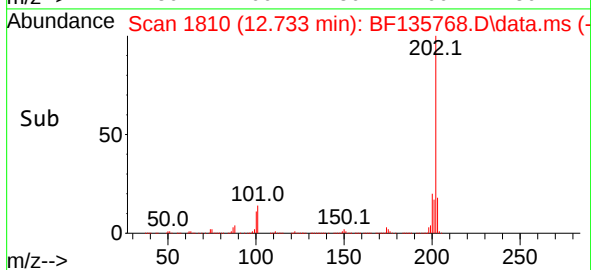
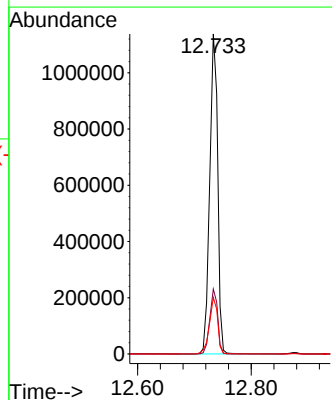
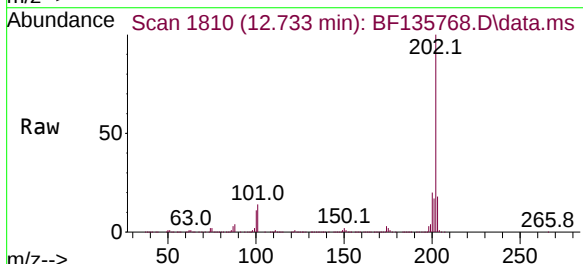
Instrument :
BNA_F
ClientSampleId :

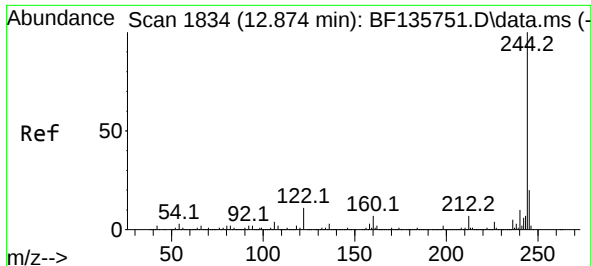
Tgt Ion:184 Resp: 245486
Ion Ratio Lower Upper
184 100
185 14.2 12.0 18.0
183 10.5 8.2 12.2



#78
Pyrene
Concen: 42.604 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF135768.D
Acq: 16 Oct 2023 10:33

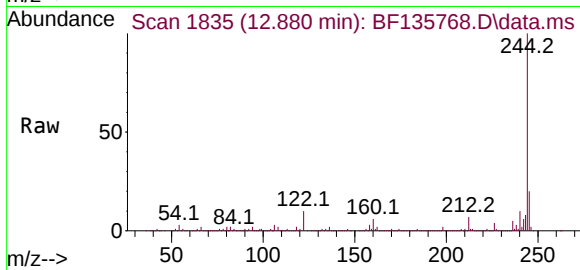
Tgt Ion:202 Resp: 1101050
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 17.6 14.2 21.2



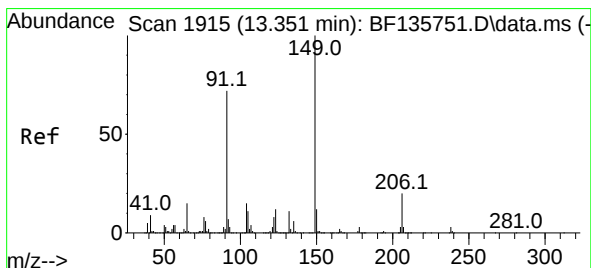
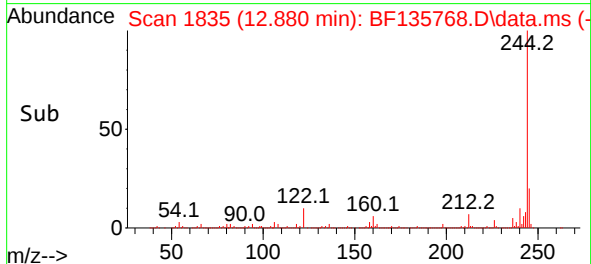
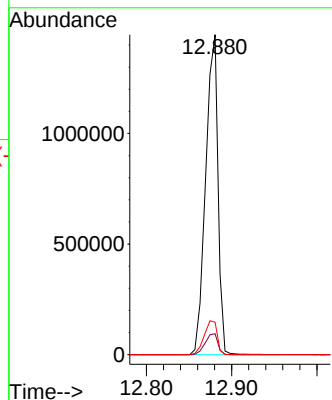


#79
 Terphenyl-d14
 Concen: 82.546 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: BF135768.D
 Acq: 16 Oct 2023 10:33

Instrument :
 BNA_F
 ClientSampleId :

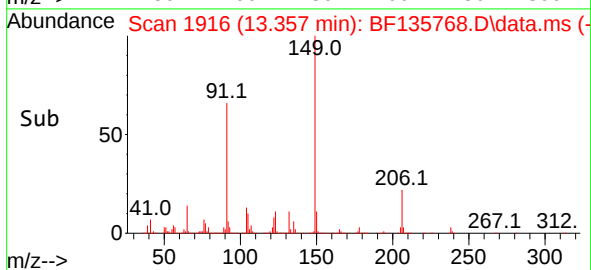
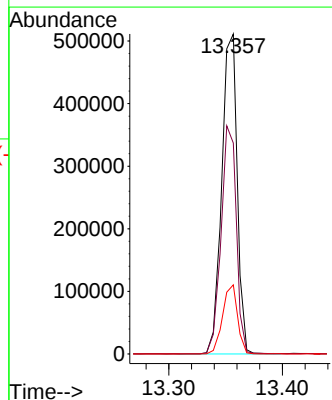
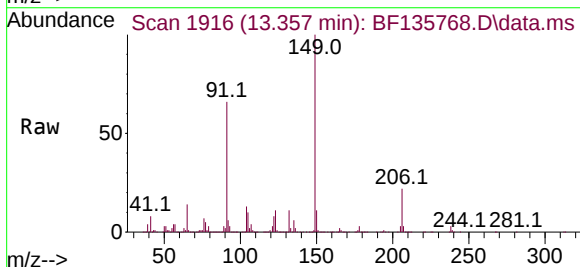


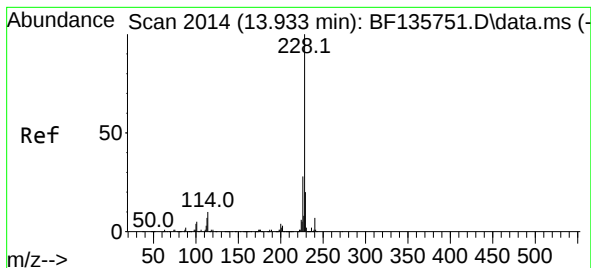
Tgt Ion:244 Resp: 1449633
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 10.1 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 42.728 ng
 RT: 13.357 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: BF135768.D
 Acq: 16 Oct 2023 10:33

Tgt Ion:149 Resp: 485257
 Ion Ratio Lower Upper
 149 100
 91 65.9 57.4 86.0
 206 21.6 16.2 24.4





#81

Benzo(a)anthracene

Concen: 42.249 ng

RT: 13.939 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

Instrument :

BNA_F

ClientSampleId :

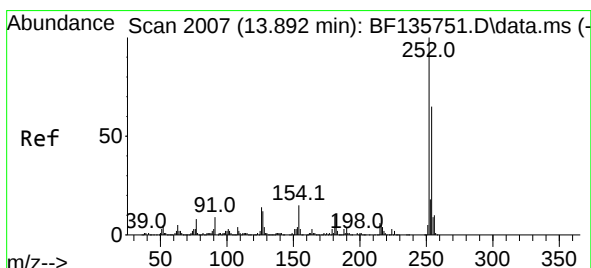
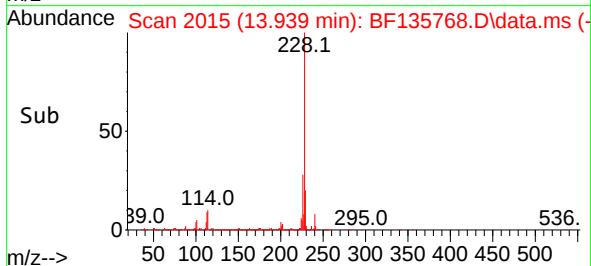
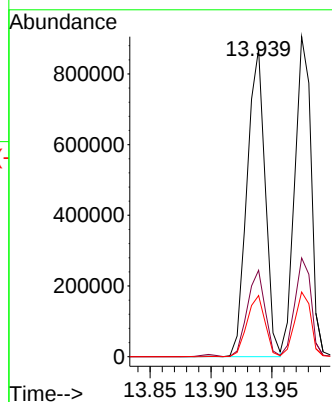
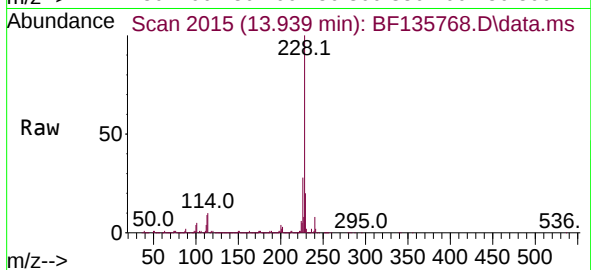
Tgt Ion:228 Resp: 902518

Ion Ratio Lower Upper

228 100

226 28.1 22.2 33.2

229 19.9 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 41.590 ng

RT: 13.898 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

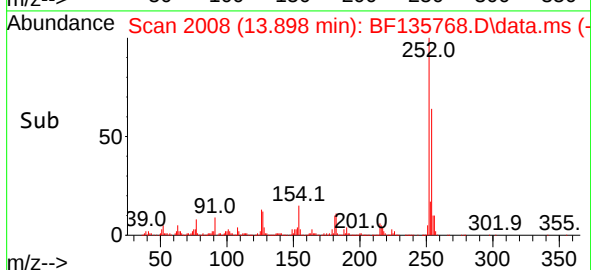
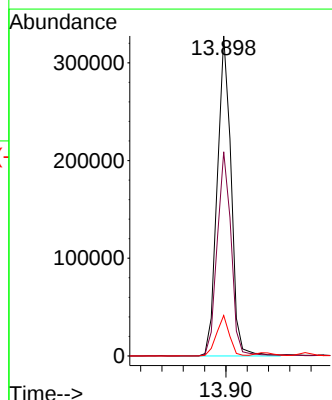
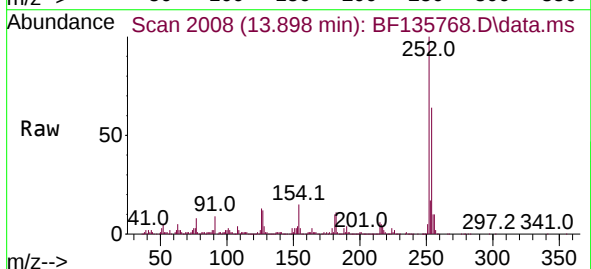
Tgt Ion:252 Resp: 294655

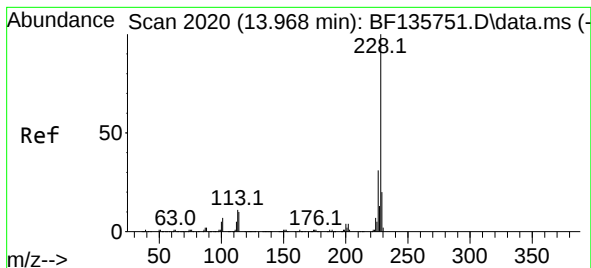
Ion Ratio Lower Upper

252 100

254 63.8 51.8 77.6

126 12.6 11.0 16.4





#83

Chrysene

Concen: 41.085 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

Instrument :

BNA_F

ClientSampleId :

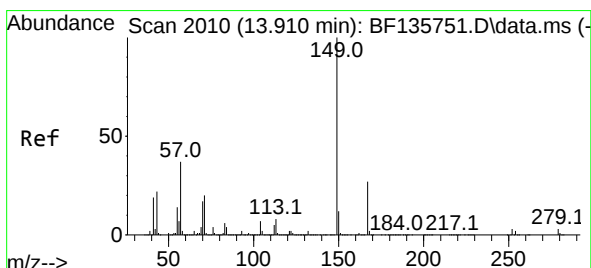
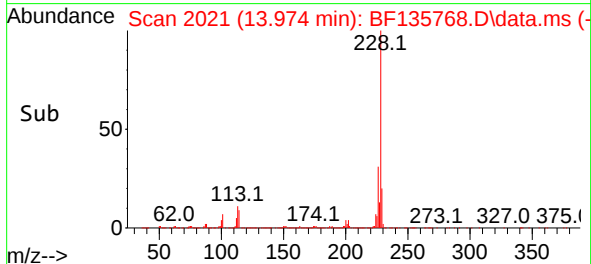
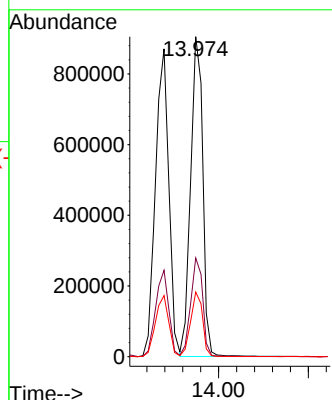
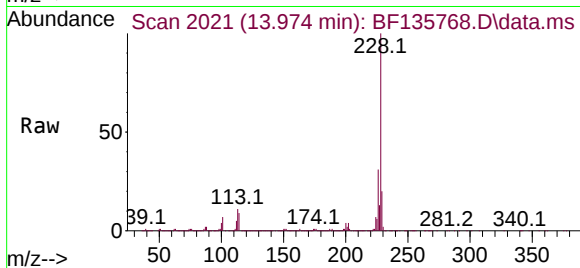
Tgt Ion:228 Resp: 850073

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

229 20.2 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.692 ng

RT: 13.916 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

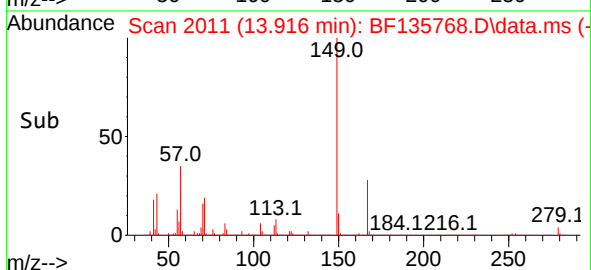
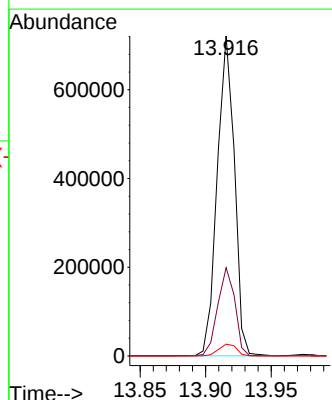
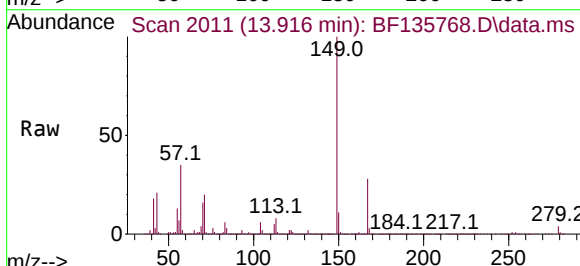
Tgt Ion:149 Resp: 657122

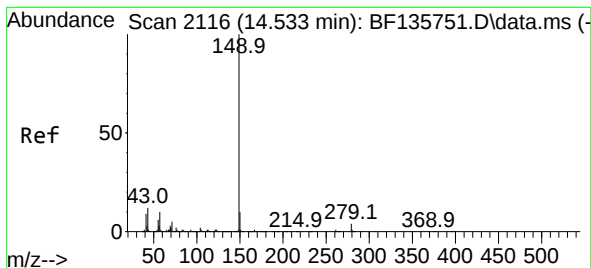
Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

279 3.7 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 40.960 ng

RT: 14.533 min Scan# 2116

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

Instrument :

BNA_F

ClientSampleId :

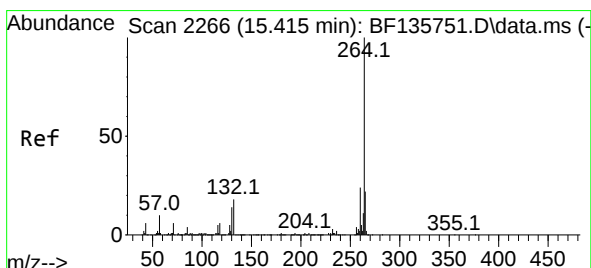
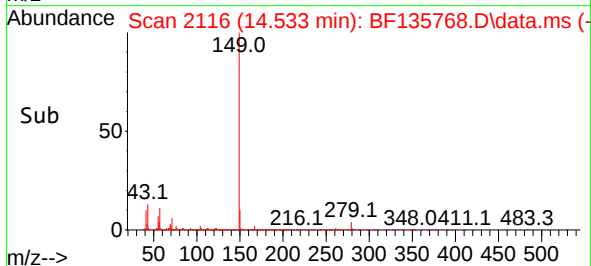
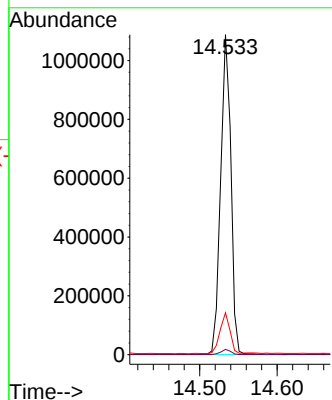
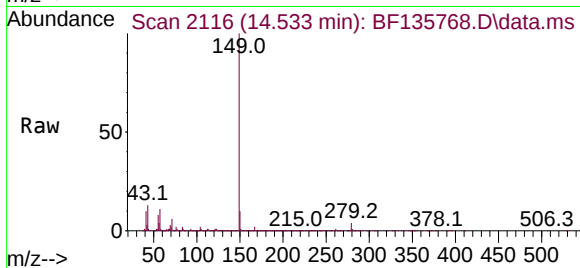
Tgt Ion:149 Resp: 999744

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.5 10.1 15.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2267

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

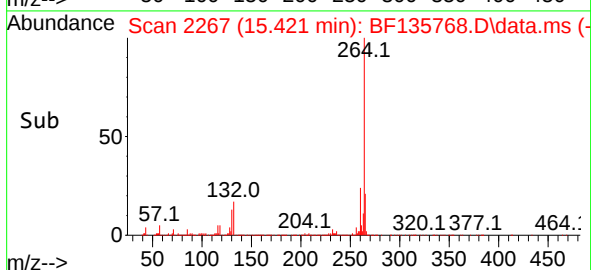
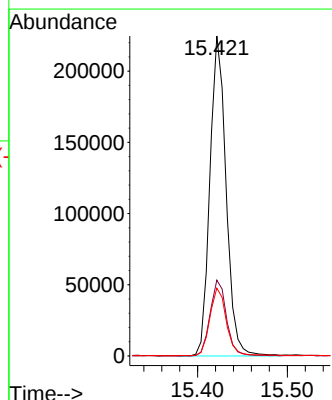
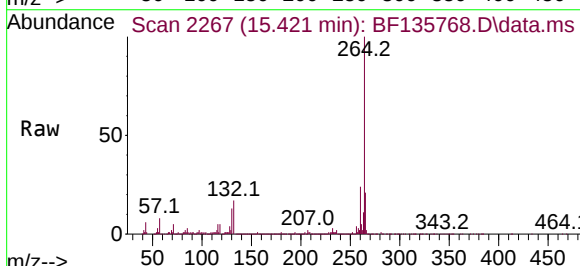
Tgt Ion:264 Resp: 281898

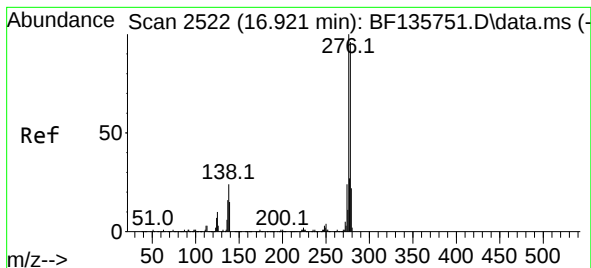
Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.371 ng

RT: 16.933 min Scan# 2194

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

Instrument :

BNA_F

ClientSampleId :

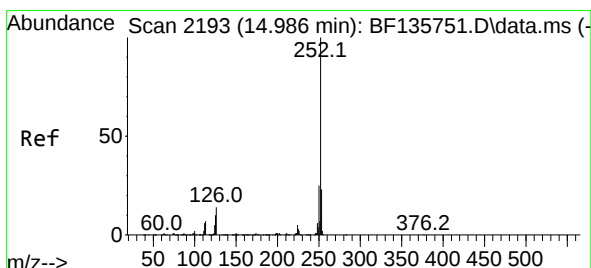
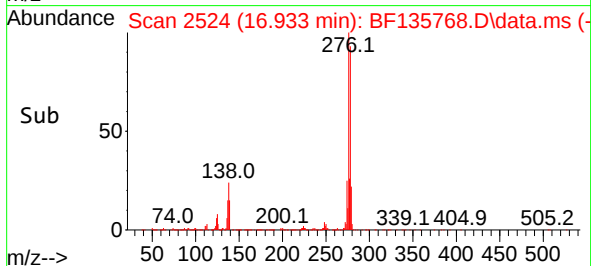
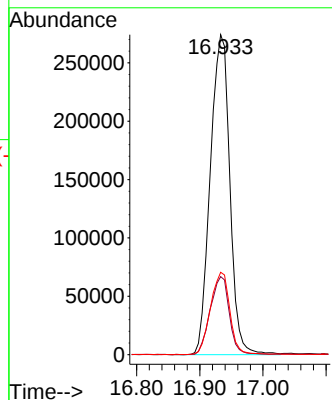
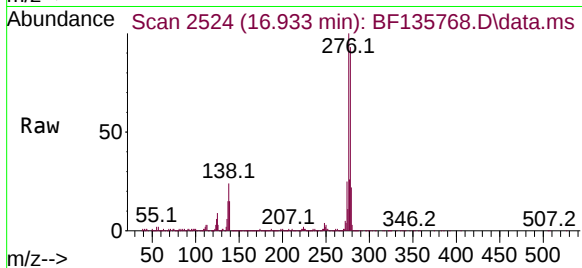
Tgt Ion:276 Resp: 589375

Ion Ratio Lower Upper

276 100

138 23.9 19.8 29.6

277 25.6 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 43.739 ng

RT: 14.992 min Scan# 2194

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

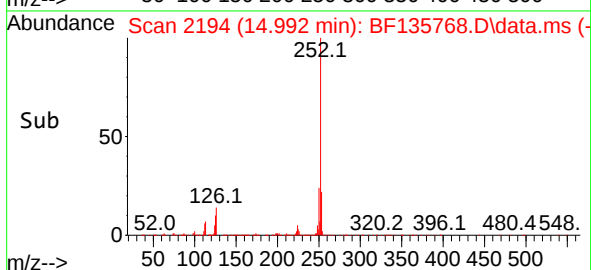
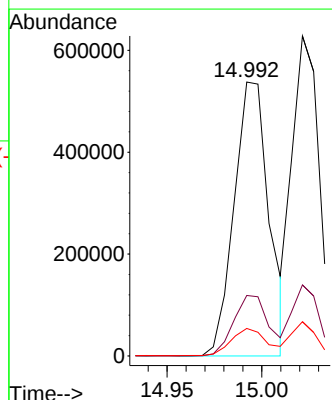
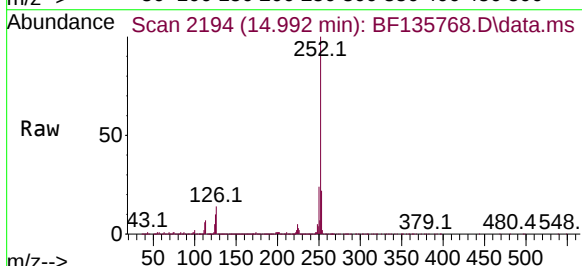
Tgt Ion:252 Resp: 690061

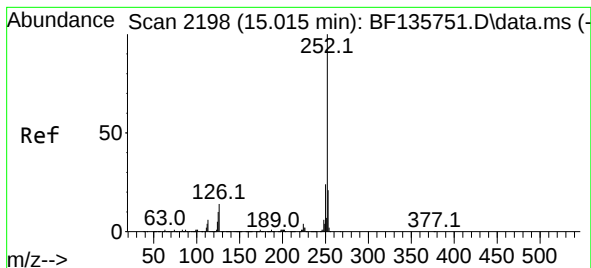
Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

125 10.1 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 41.865 ng

RT: 15.021 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

Instrument :

BNF

ClientSampleId :

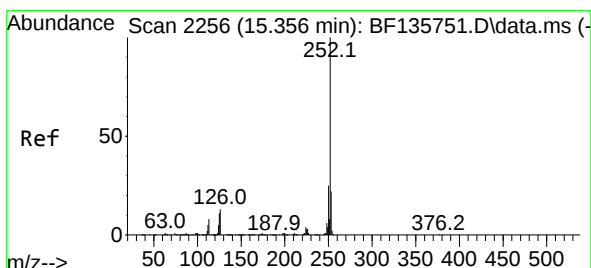
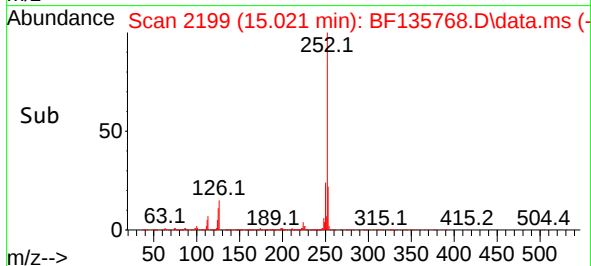
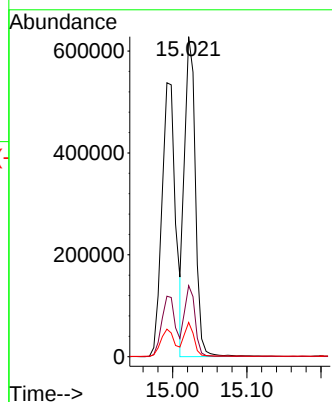
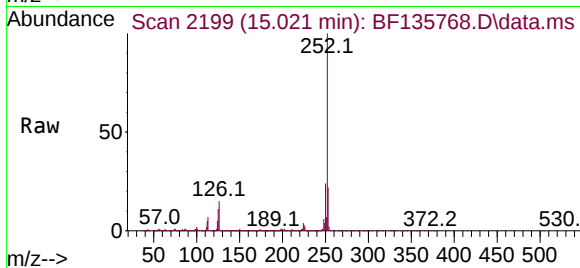
Tgt Ion:252 Resp: 641250

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 10.7 8.3 12.5



#90

Benzo(a)pyrene

Concen: 41.310 ng

RT: 15.363 min Scan# 2257

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

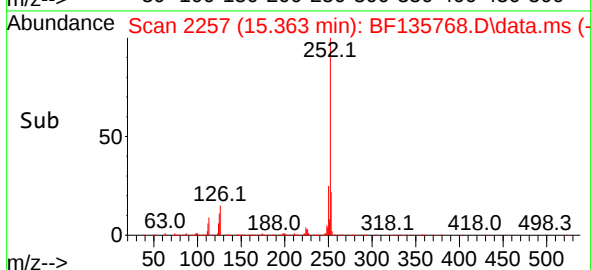
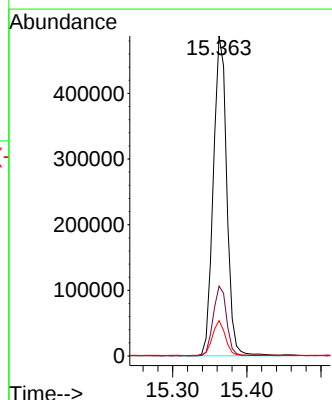
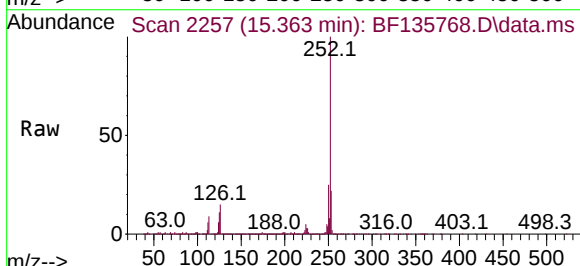
Tgt Ion:252 Resp: 612857

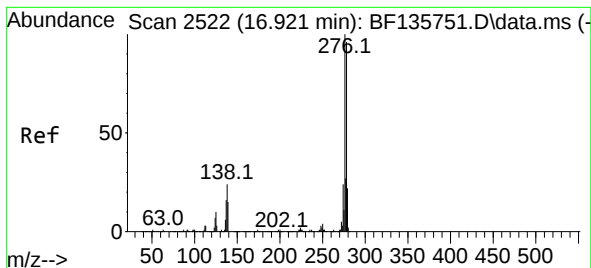
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 11.1 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 38.815 ng

RT: 16.939 min Scan# 2

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

Instrument :

BNA_F

ClientSampleId :

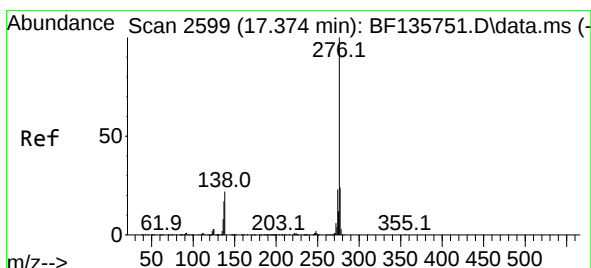
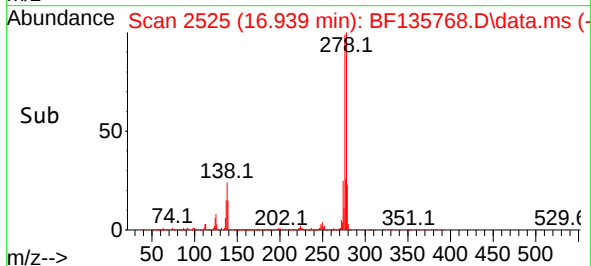
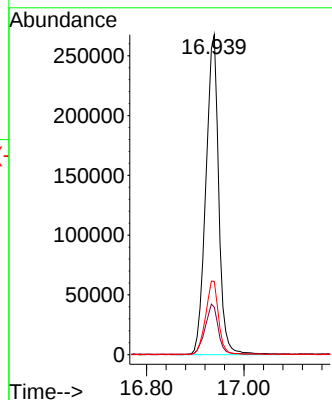
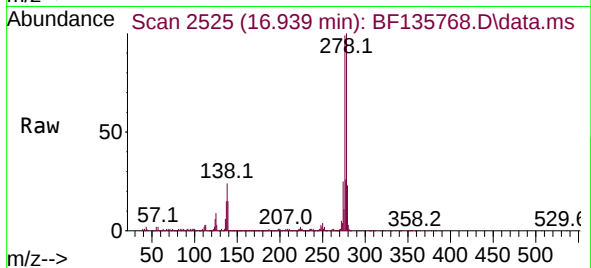
Tgt Ion:278 Resp: 488753

Ion Ratio Lower Upper

278 100

139 14.8 12.5 18.7

279 22.9 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 38.515 ng

RT: 17.386 min Scan# 2601

Delta R.T. 0.000 min

Lab File: BF135768.D

Acq: 16 Oct 2023 10:33

Tgt Ion:276 Resp: 498163

Ion Ratio Lower Upper

276 100

277 22.7 19.4 29.2

138 19.5 17.3 25.9

