

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135838.D
 Acq On : 18 Oct 2023 10:27
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 01:13:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	95918	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	334120	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	174848	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	340988	20.000	ng	0.00
76) Chrysene-d12	13.945	240	227882	20.000	ng	0.00
86) Perylene-d12	15.421	264	206413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	529503	88.754	ng	0.00
7) Phenol-d6	6.404	99	572187	76.867	ng	0.00
23) Nitrobenzene-d5	7.316	82	544645	89.654	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	142575	84.977	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	949959	84.946	ng	0.00
79) Terphenyl-d14	12.874	244	1031526	83.828	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.416	88	139666	48.535	ng	99
3) Pyridine	3.175	79	285833	40.483	ng	99
4) n-Nitrosodimethylamine	3.152	42	161825	42.619	ng	93
6) Aniline	6.410	93	352664	37.646	ng	89
8) 2-Chlorophenol	6.534	128	253039	39.331	ng	99
9) Benzaldehyde	6.304	77	164238	38.765	ng	98
10) Phenol	6.416	94	309076	39.626	ng	96
11) bis(2-Chloroethyl)ether	6.487	93	236514	37.633	ng	99
12) 1,3-Dichlorobenzene	6.681	146	257953	39.550	ng	99
13) 1,4-Dichlorobenzene	6.757	146	256180	38.773	ng	99
14) 1,2-Dichlorobenzene	6.910	146	236341	39.727	ng	99
15) Benzyl Alcohol	6.898	79	199863	40.380	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	406039	35.723	ng	64
17) 2-Methylphenol	7.016	107	202485	36.357	ng	97
18) Hexachloroethane	7.240	117	93583	39.064	ng	94
19) n-Nitroso-di-n-propyla...	7.163	70	175393	38.107	ng	99
20) 3+4-Methylphenols	7.169	107	276619	39.841	ng	95
22) Acetophenone	7.157	105	342826	44.739	ng	98
24) Nitrobenzene	7.334	77	266947	43.783	ng	99
25) Isophorone	7.569	82	482287	42.081	ng	99
26) 2-Nitrophenol	7.645	139	124032	41.685	ng	98
27) 2,4-Dimethylphenol	7.692	122	217179	44.338	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	296931	43.504	ng	99
29) 2,4-Dichlorophenol	7.892	162	205918	44.859	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	208477	44.405	ng	99
31) Naphthalene	8.045	128	660857	40.551	ng	99
32) Benzoic acid	7.845	122	143921	43.407	ng	96
33) 4-Chloroaniline	8.104	127	316261	44.425	ng	97
34) Hexachlorobutadiene	8.151	225	128447	46.221	ng	97
35) Caprolactam	8.498	113	67404	42.954	ng	# 85
36) 4-Chloro-3-methylphenol	8.598	107	227628	44.716	ng	95
37) 2-Methylnaphthalene	8.734	142	444392	41.388	ng	100
38) 1-Methylnaphthalene	8.834	142	417903	42.198	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	212190	42.188	ng	100
41) Hexachlorocyclopentadiene	8.881	237	18863	36.877	ng	98
43) 2,4,6-Trichlorophenol	9.028	196	131612	40.607	ng	97

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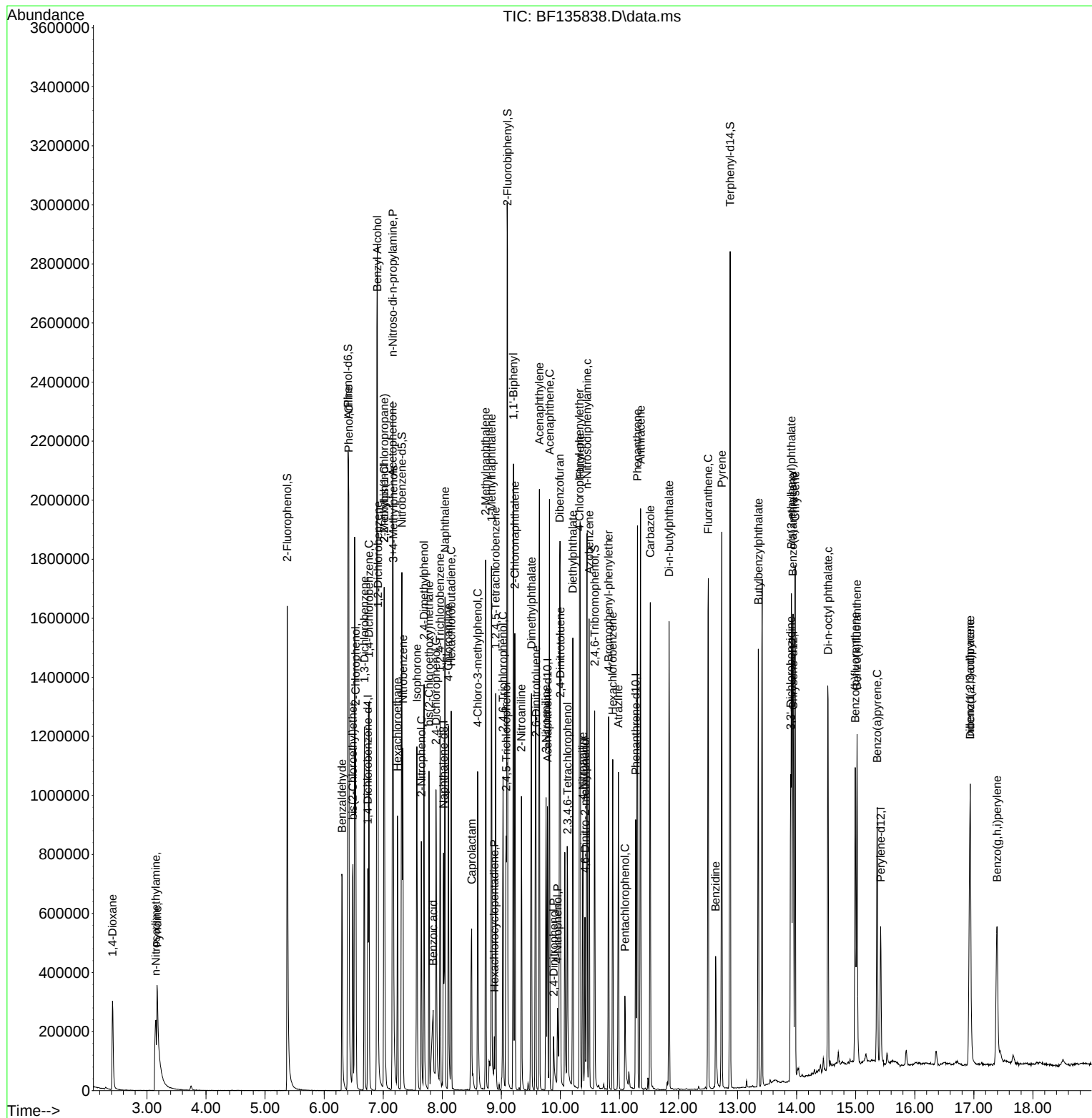
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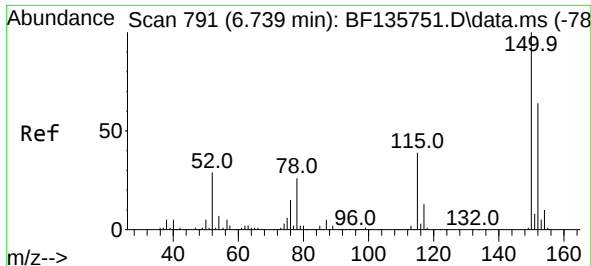
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	159757	42.379	ng	96
46) 1,1'-Biphenyl	9.204	154	575424	42.962	ng	98
47) 2-Chloronaphthalene	9.228	162	411182	42.597	ng	99
48) 2-Nitroaniline	9.339	65	163109	42.809	ng	96
49) Acenaphthylene	9.645	152	652475	40.846	ng	99
50) Dimethylphthalate	9.510	163	477439	40.449	ng	99
51) 2,6-Dinitrotoluene	9.586	165	108928	42.914	ng	# 80
52) Acenaphthene	9.816	154	400215	41.800	ng	98
53) 3-Nitroaniline	9.757	138	133441	42.886	ng	99
54) 2,4-Dinitrophenol	9.886	184	45470	42.915	ng	95
55) Dibenzofuran	9.986	168	616071	42.644	ng	99
56) 4-Nitrophenol	9.951	139	44410	34.504	ng	99
57) 2,4-Dinitrotoluene	9.998	165	140693	43.569	ng	95
58) Fluorene	10.334	166	480179	42.456	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	114808	40.300	ng	98
60) Diethylphthalate	10.210	149	499385	41.443	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	232724	42.575	ng	97
62) 4-Nitroaniline	10.381	138	124747	43.574	ng	97
63) Azobenzene	10.486	77	482082	41.178	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	71680	41.770	ng	88
66) n-Nitrosodiphenylamine	10.451	169	430983	41.468	ng	98
67) 4-Bromophenyl-phenylether	10.816	248	143846	42.024	ng	97
68) Hexachlorobenzene	10.886	284	143216	41.096	ng	97
69) Atrazine	10.981	200	115767	40.951	ng	99
70) Pentachlorophenol	11.092	266	52916	38.499	ng	96
71) Phenanthrene	11.304	178	689379	42.203	ng	98
72) Anthracene	11.357	178	709902	41.940	ng	99
73) Carbazole	11.522	167	663998	42.061	ng	99
74) Di-n-butylphthalate	11.839	149	788556	40.684	ng	100
75) Fluoranthene	12.504	202	755569	41.676	ng	97
77) Benzidine	12.627	184	188951	37.998	ng	99
78) Pyrene	12.733	202	765704	42.284	ng	99
80) Butylbenzylphthalate	13.351	149	318269	39.996	ng	97
81) Benzo(a)anthracene	13.933	228	637527	42.592	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	203831	41.060	ng	# 97
83) Chrysene	13.974	228	607912	41.931	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	420804	39.017	ng	98
85) Di-n-octyl phthalate	14.533	149	635137	37.138	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.939	276	470615	41.844	ng	98
88) Benzo(b)fluoranthene	14.992	252	469751	40.663	ng	99
89) Benzo(k)fluoranthene	15.021	252	494418	44.083	ng	99
90) Benzo(a)pyrene	15.363	252	445079	40.972	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	383521	41.597	ng	98
92) Benzo(g,h,i)perylene	17.392	276	426652	45.049	ng	97

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

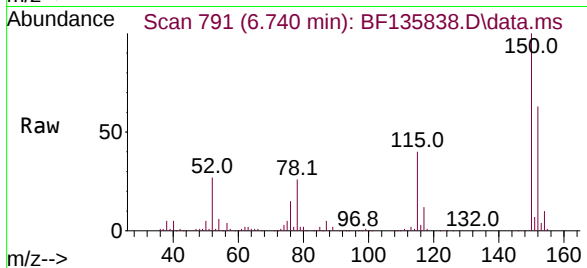
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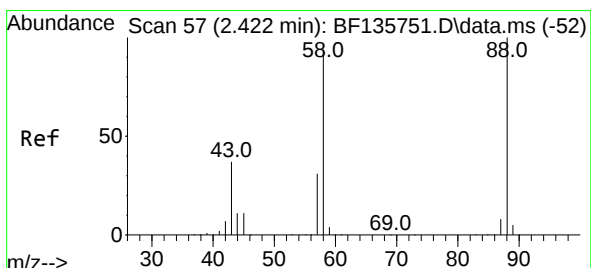
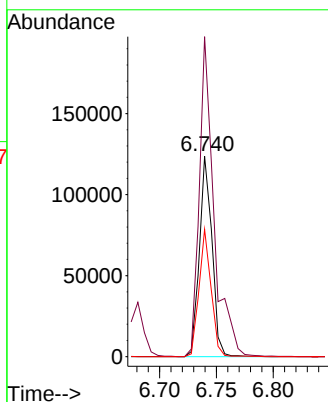
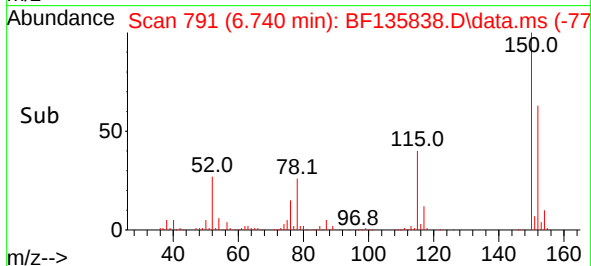


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF135838.D
 Acq: 18 Oct 2023 10:27

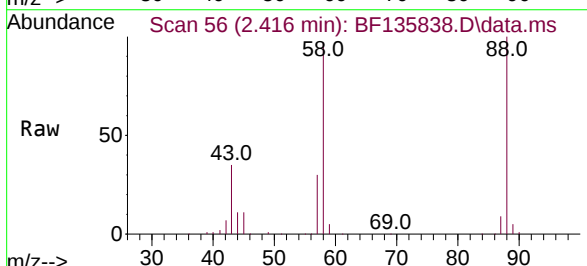
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 BNA_F
 ClientSampleId :



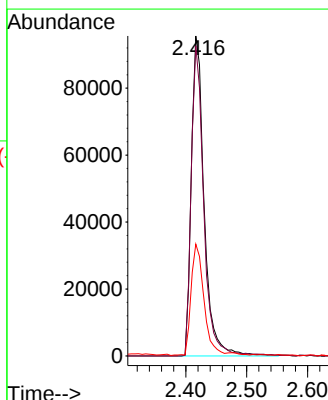
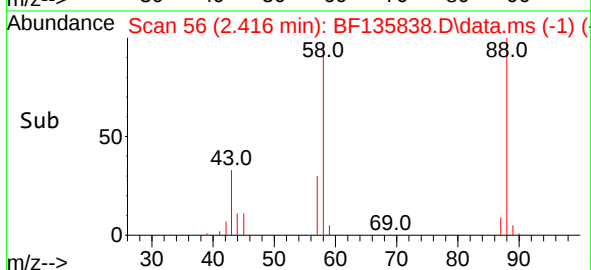
Tgt Ion:152 Resp: 95918
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.5 186.7
 115 63.5 49.0 73.4

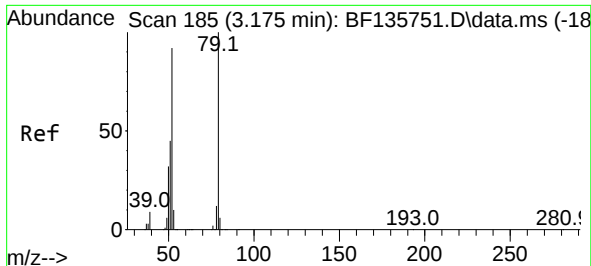


#2
 1,4-Dioxane
 Concen: 48.535 ng
 RT: 2.416 min Scan# 56
 Delta R.T. -0.024 min
 Lab File: BF135838.D
 Acq: 18 Oct 2023 10:27



Tgt Ion: 88 Resp: 139666
 Ion Ratio Lower Upper
 88 100
 58 95.2 76.1 114.1
 43 34.8 29.8 44.8

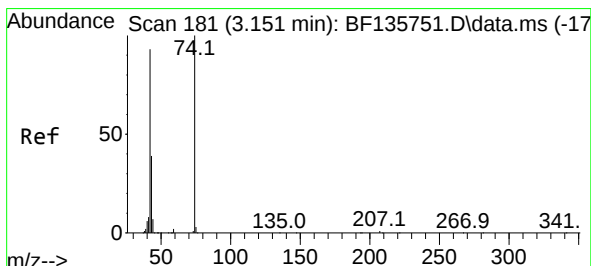
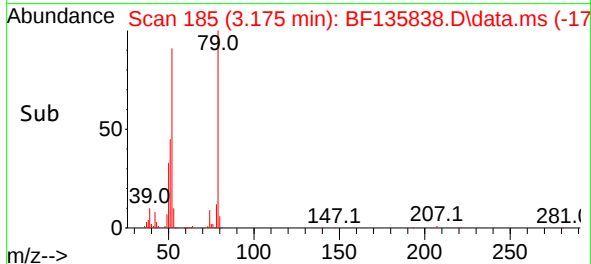
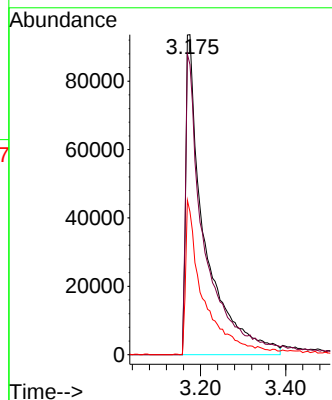
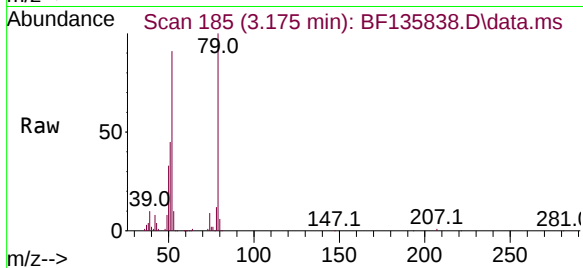




#3
 Pyridine
 Concen: 40.483 ng
 RT: 3.175 min Scan# 185
 Delta R.T. -0.012 min
 Lab File: BF135838.D
 Acq: 18 Oct 2023 10:27

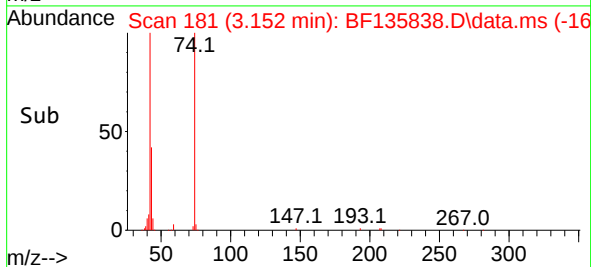
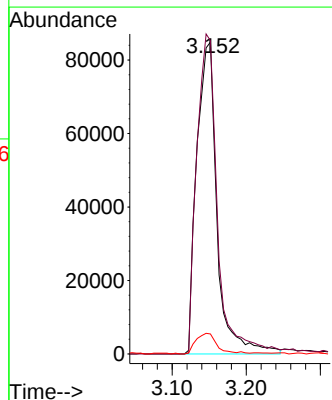
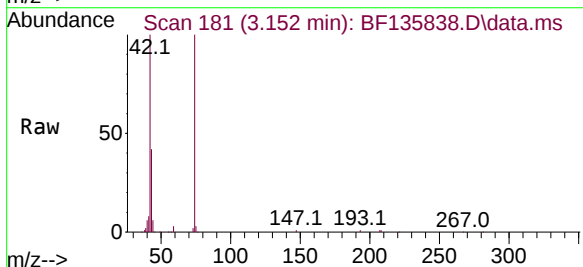
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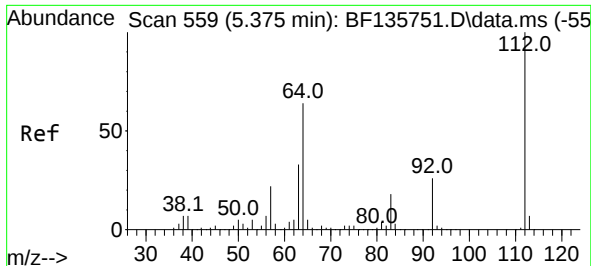
Tgt Ion: 79 Resp: 285833
 Ion Ratio Lower Upper
 79 100
 52 90.6 73.4 110.2
 51 44.7 36.5 54.7



#4
 n-Nitrosodimethylamine
 Concen: 42.619 ng
 RT: 3.152 min Scan# 181
 Delta R.T. -0.018 min
 Lab File: BF135838.D
 Acq: 18 Oct 2023 10:27

Tgt Ion: 42 Resp: 161825
 Ion Ratio Lower Upper
 42 100
 74 100.5 86.5 129.7
 44 6.4 5.9 8.9

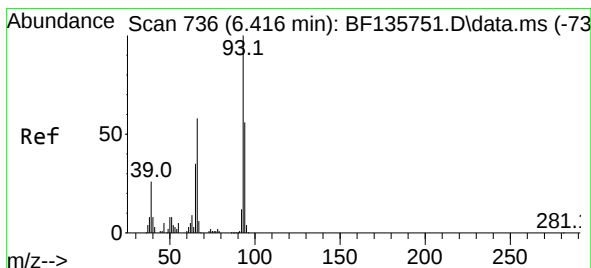
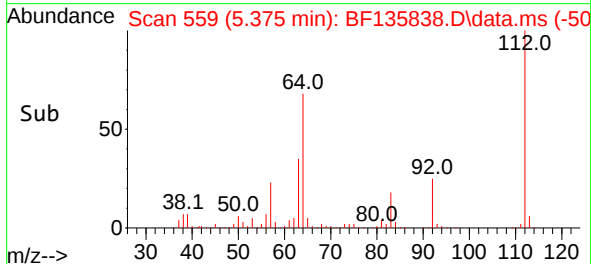
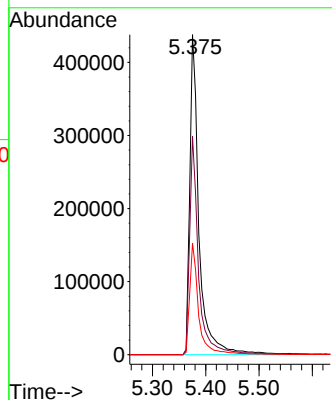
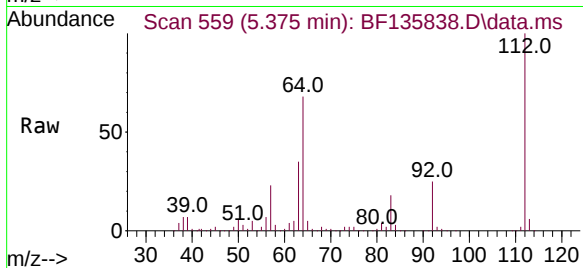




#5
2-Fluorophenol
Concen: 88.754 ng
RT: 5.375 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

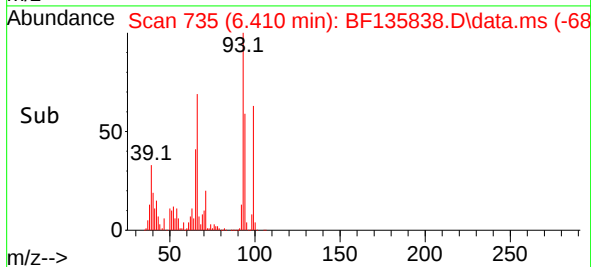
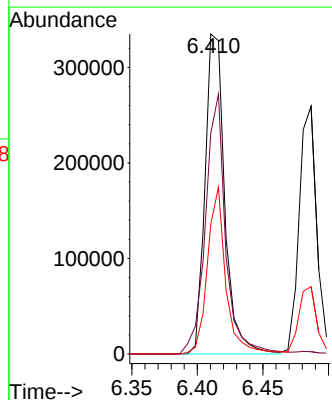
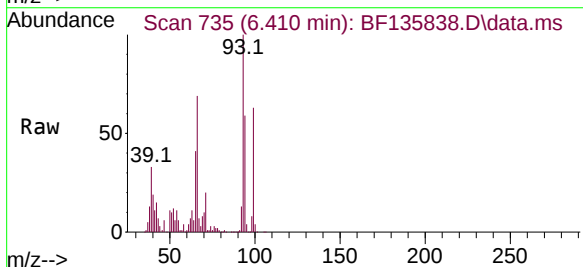
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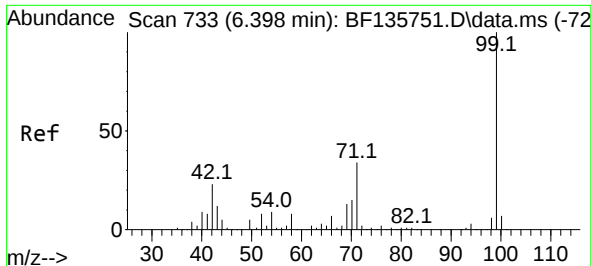
Tgt Ion:112 Resp: 529503
Ion Ratio Lower Upper
112 100
64 68.2 51.2 76.8
63 34.9 26.1 39.1



#6
Aniline
Concen: 37.646 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

Tgt Ion: 93 Resp: 352664
Ion Ratio Lower Upper
93 100
66 68.9 47.6 71.4
65 40.5 28.5 42.7





#7

Phenol-d6

Concen: 76.867 ng

RT: 6.404 min Scan# 733

Delta R.T. 0.006 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

Instrument :

BNA_F

ClientSampleId :

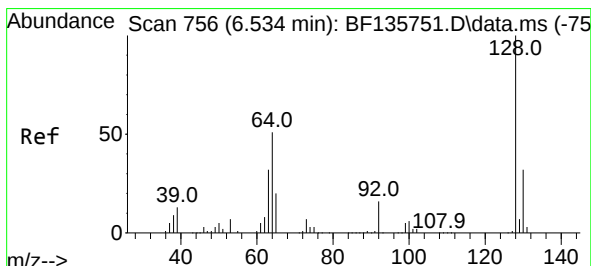
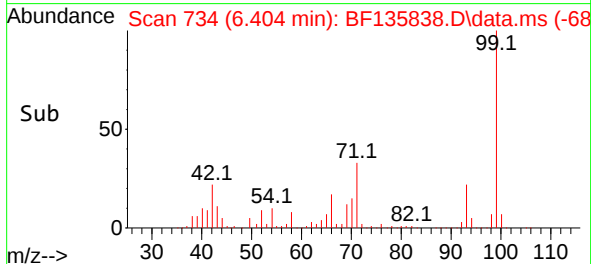
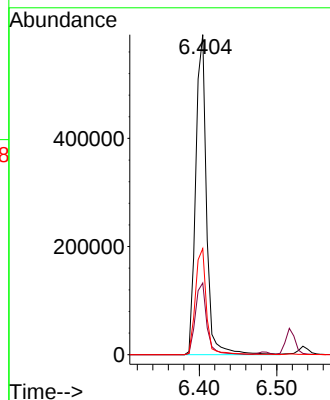
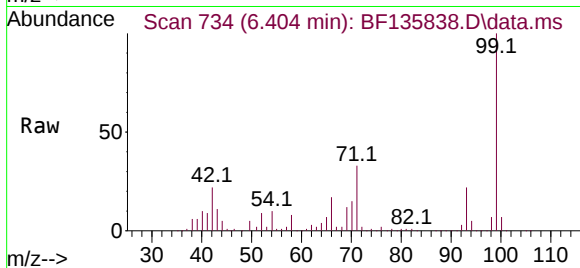
Tgt Ion: 99 Resp: 572187

Ion Ratio Lower Upper

99 100

42 22.4 18.4 27.6

71 33.2 27.2 40.8



#8

2-Chlorophenol

Concen: 39.331 ng

RT: 6.534 min Scan# 756

Delta R.T. -0.000 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

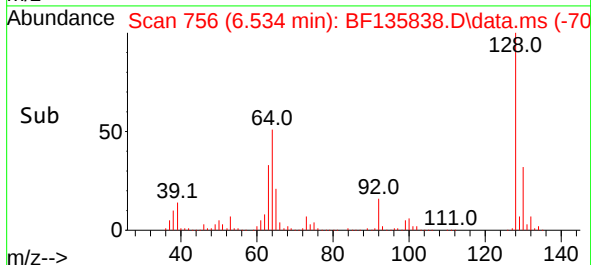
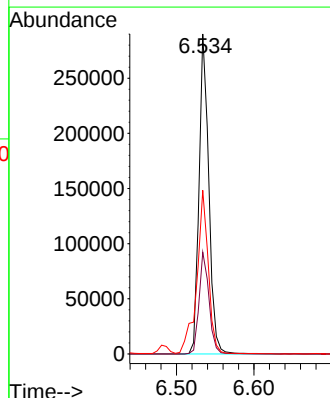
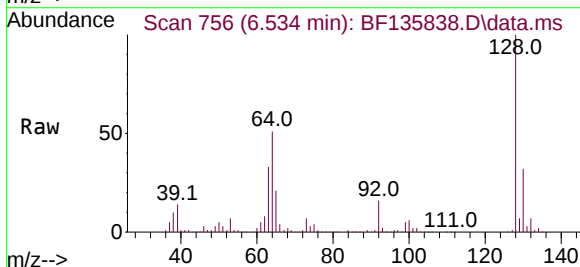
Tgt Ion:128 Resp: 253039

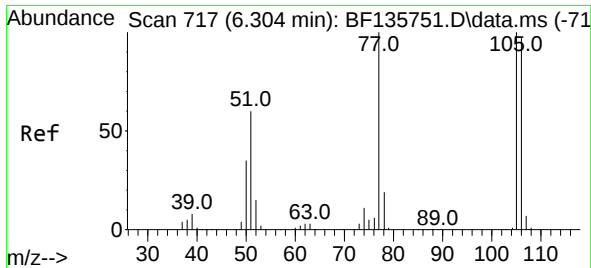
Ion Ratio Lower Upper

128 100

130 31.8 12.4 52.4

64 51.1 32.3 72.3





#9

Benzaldehyde

Concen: 38.765 ng

RT: 6.304 min Scan# 717

Delta R.T. -0.000 min

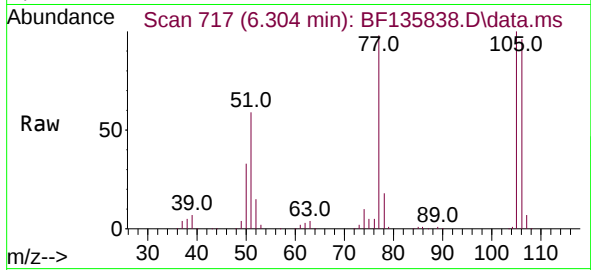
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Acq: 18 Oct 2023 10:27

Instrument :

BNA_F

ClientSampleId :



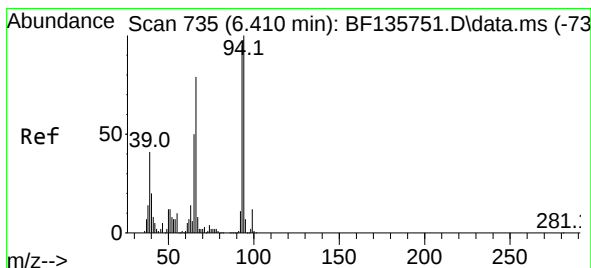
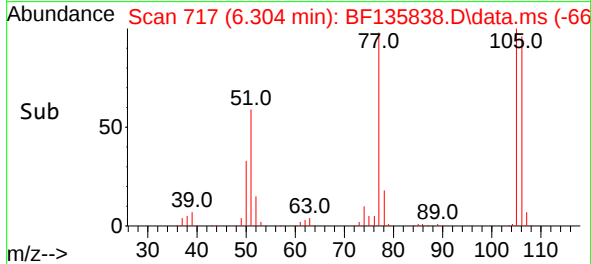
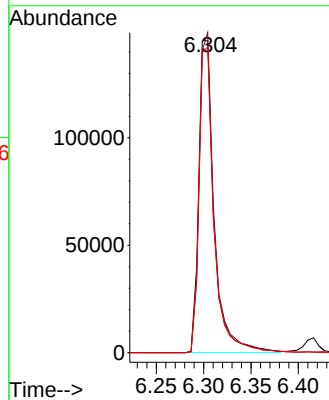
Tgt Ion: 77 Resp: 164238

Ion Ratio Lower Upper

77 100

105 102.6 79.9 119.9

106 98.0 77.1 117.1



#10

Phenol

Concen: 39.626 ng

RT: 6.416 min Scan# 736

Delta R.T. -0.000 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

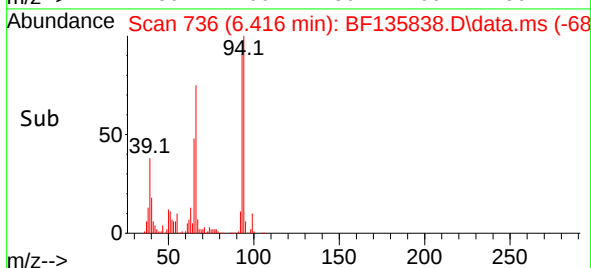
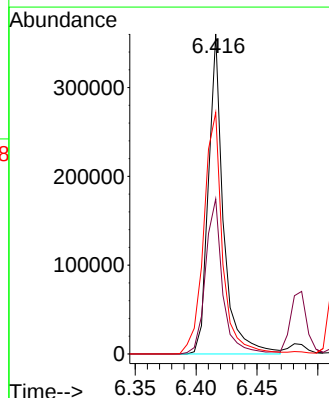
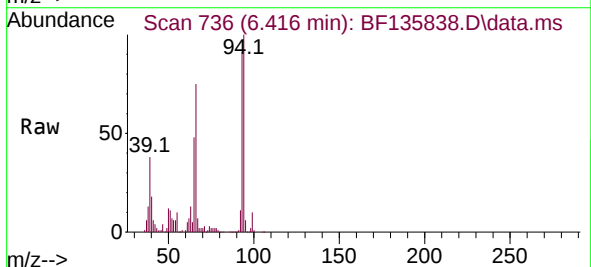
Tgt Ion: 94 Resp: 309076

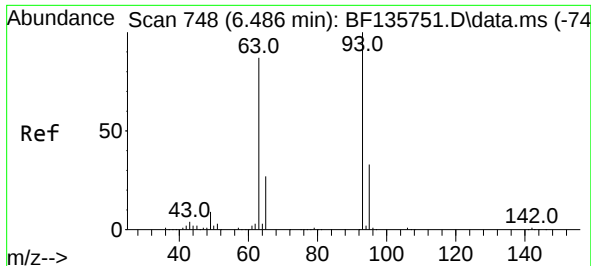
Ion Ratio Lower Upper

94 100

65 48.5 30.3 70.3

66 75.5 59.1 99.1

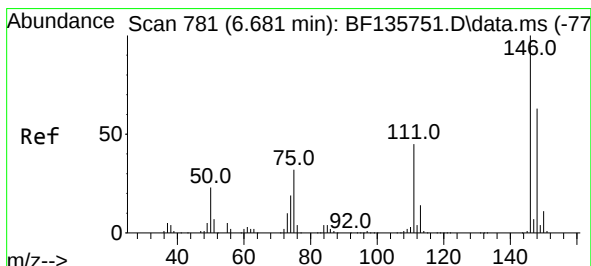
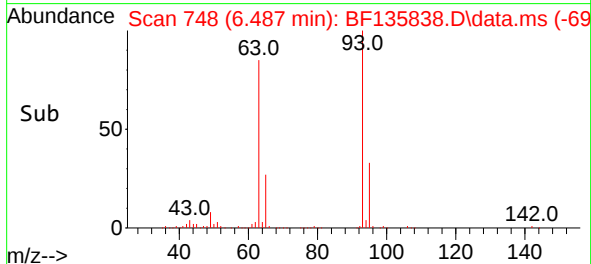
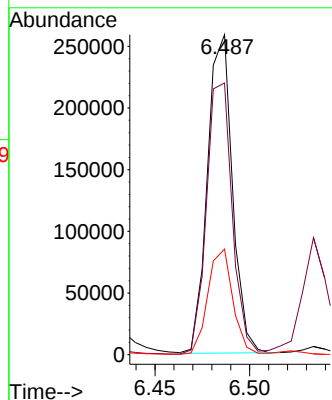
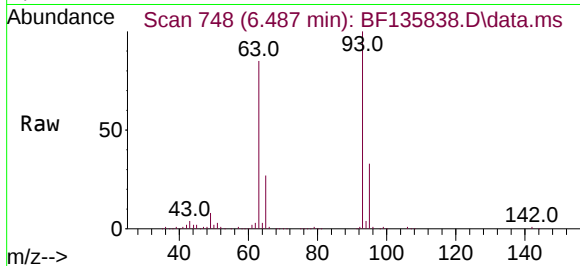




#11
bis(2-Chloroethyl)ether
Concen: 37.633 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

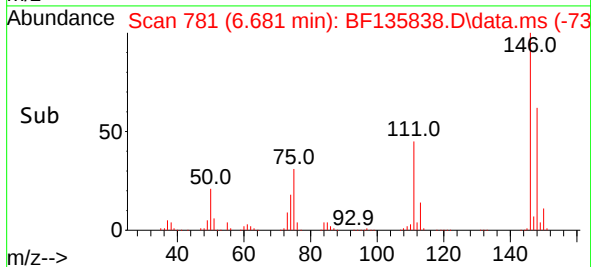
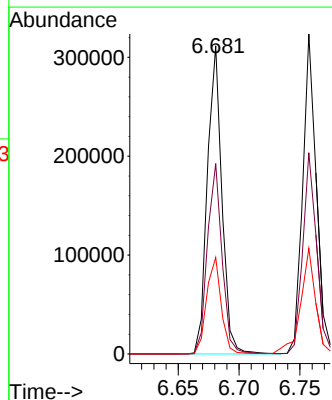
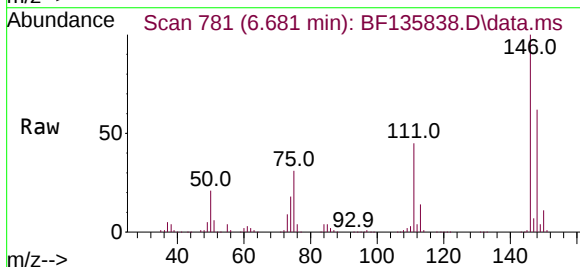
Instrument :
BNA_F
ClientSampleId :

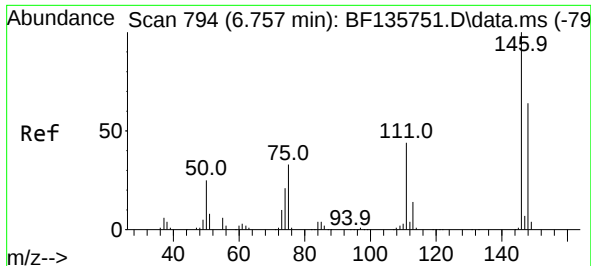
Tgt Ion: 93 Resp: 236514
Ion Ratio Lower Upper
93 100
63 84.9 66.3 106.3
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.550 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

Tgt Ion:146 Resp: 257953
Ion Ratio Lower Upper
146 100
148 61.8 50.2 75.4
75 31.3 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 38.773 ng

RT: 6.757 min Scan# 794

Delta R.T. -0.000 min

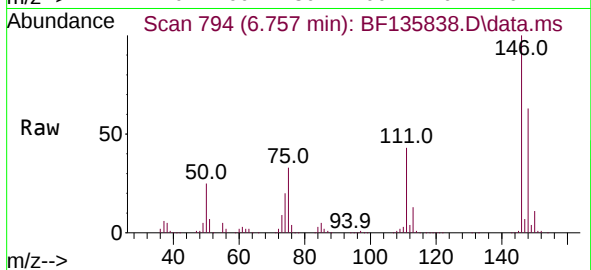
Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

Instrument :

BNA_F

ClientSampleId :



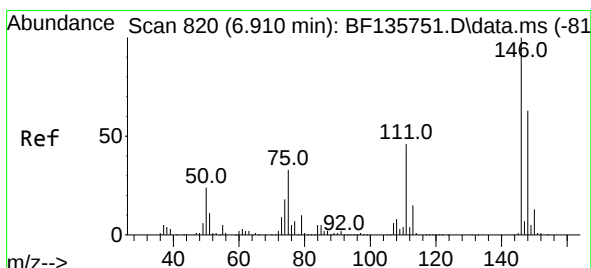
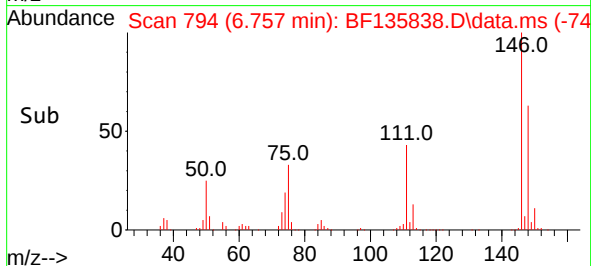
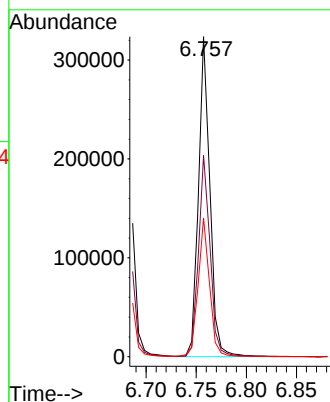
Tgt Ion:146 Resp: 256180

Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.6

111 43.3 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 39.727 ng

RT: 6.910 min Scan# 820

Delta R.T. -0.000 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

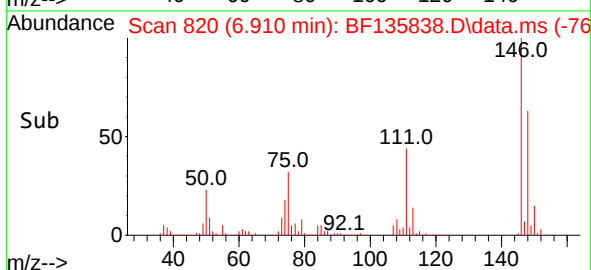
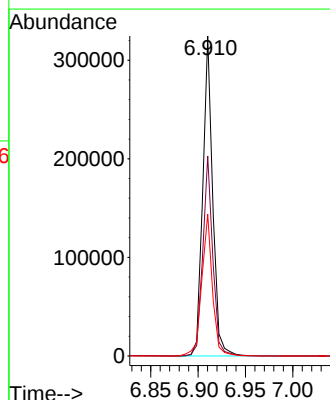
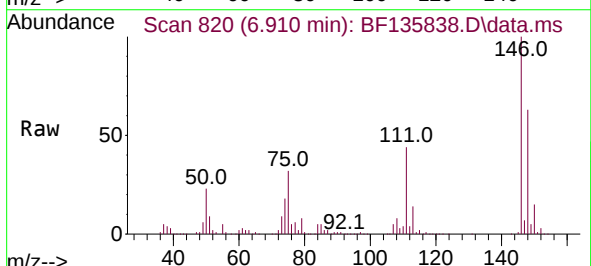
Tgt Ion:146 Resp: 236341

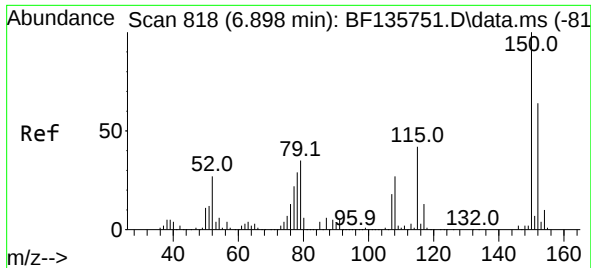
Ion Ratio Lower Upper

146 100

148 62.5 50.2 75.2

111 44.4 37.1 55.7

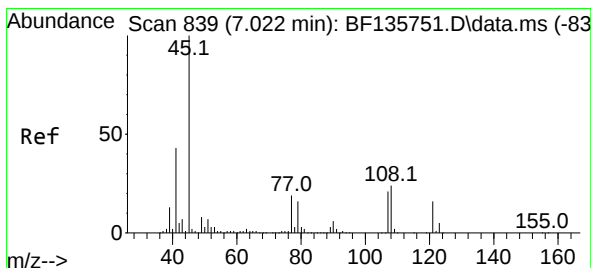
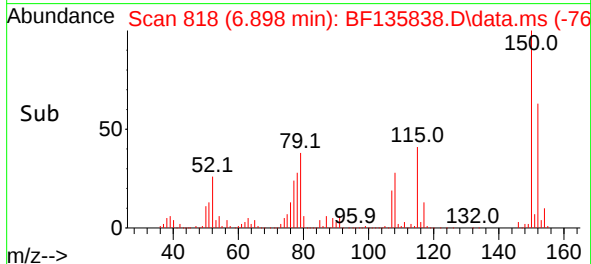
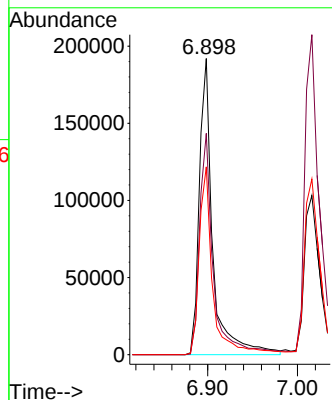
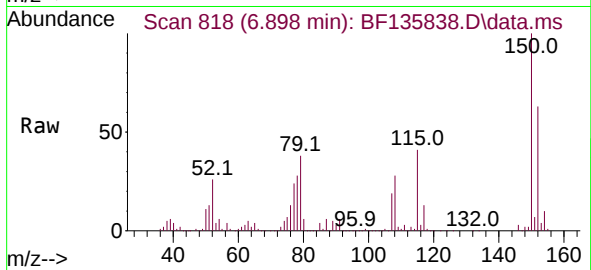




#15
Benzyl Alcohol
Concen: 40.380 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

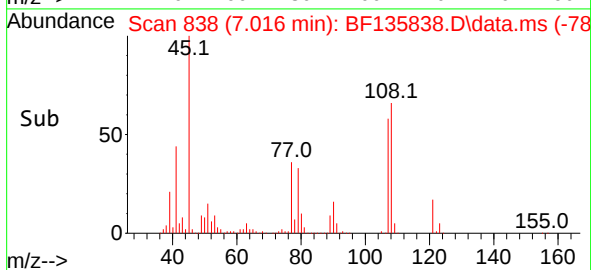
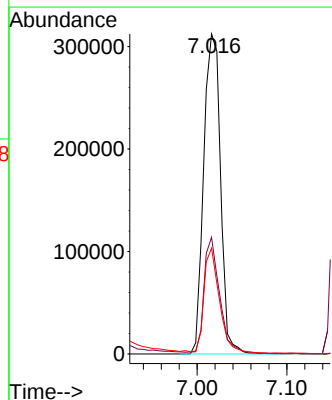
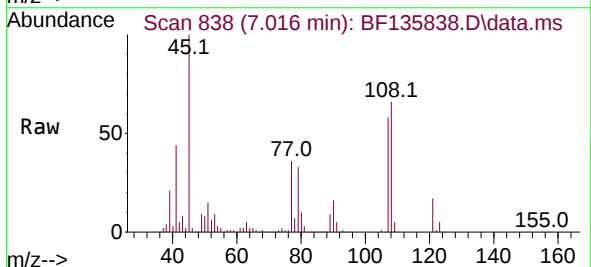
Instrument :
BNA_F
ClientSampleId :

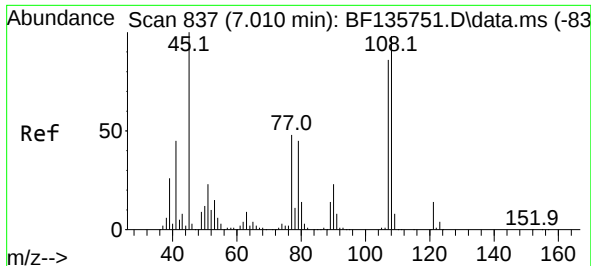
Tgt Ion: 79 Resp: 199863
Ion Ratio Lower Upper
79 100
108 74.7 62.0 93.0
77 63.4 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.723 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

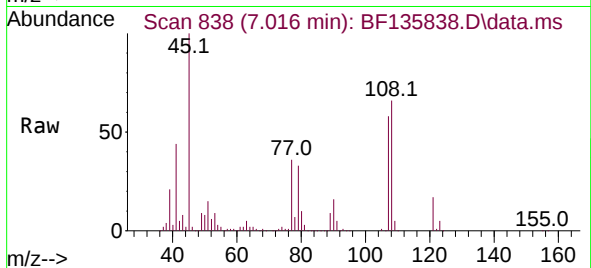
Tgt Ion: 45 Resp: 406039
Ion Ratio Lower Upper
45 100
77 36.5 0.0 39.8
79 33.0 0.0 37.6



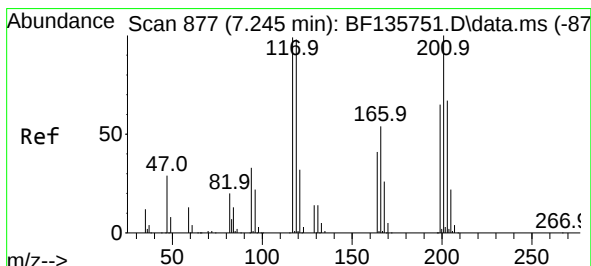
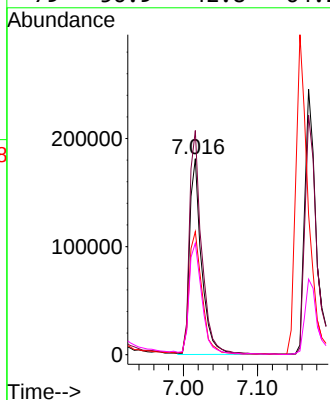
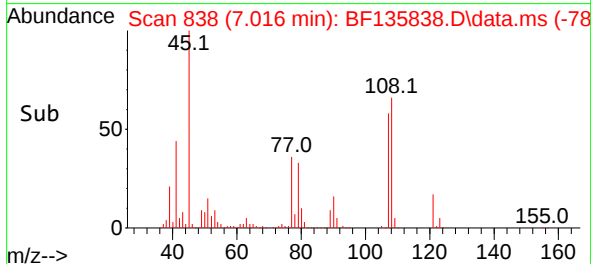


#17
2-Methylphenol
Concen: 36.357 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

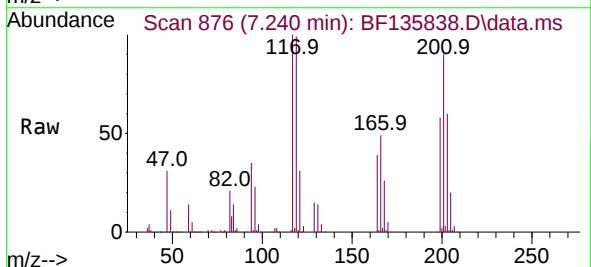
Instrument :
BNA_F
ClientSampleId :



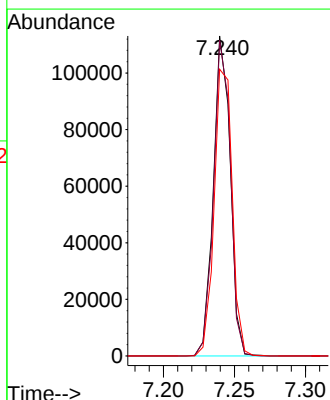
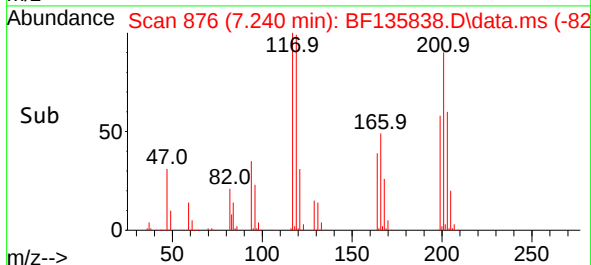
Tgt Ion:107 Resp: 202485
Ion Ratio Lower Upper
107 100
108 114.4 91.8 137.6
77 62.8 45.4 68.0
79 56.9 42.8 64.2

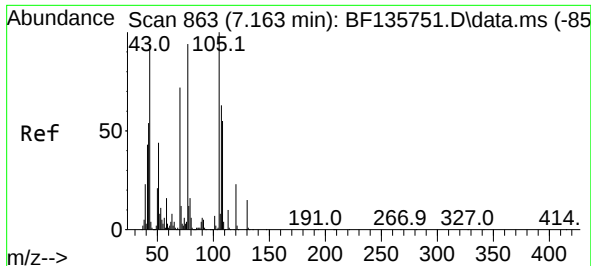


#18
Hexachloroethane
Concen: 39.064 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27



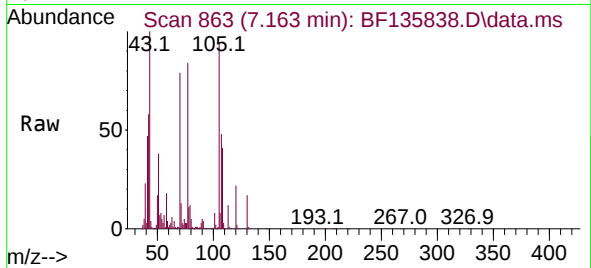
Tgt Ion:117 Resp: 93583
Ion Ratio Lower Upper
117 100
119 98.6 79.5 119.3
201 89.6 80.9 121.3





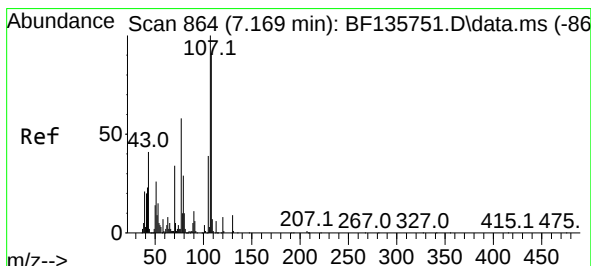
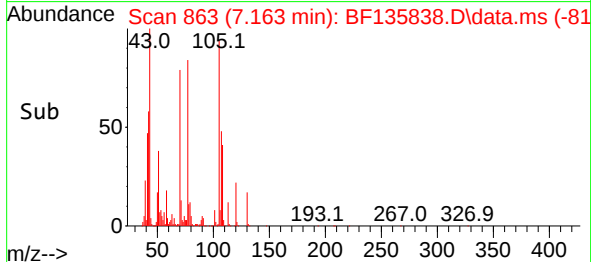
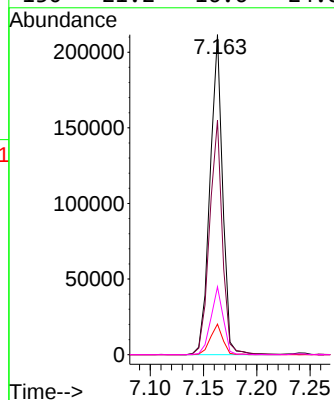
#19
n-Nitroso-di-n-propylamine
Concen: 38.107 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 70 Resp: 175393

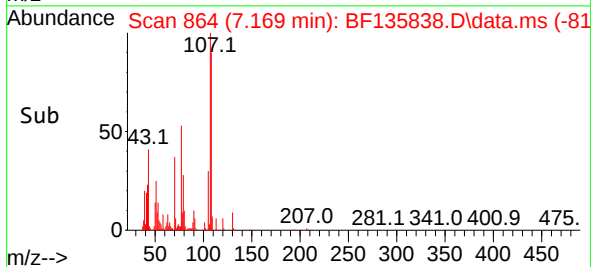
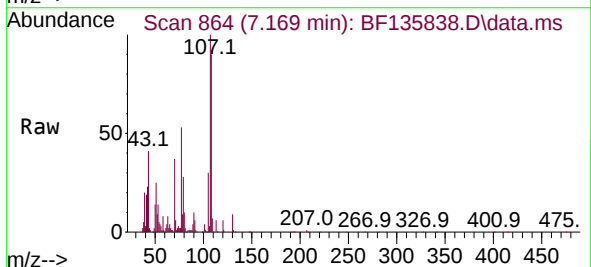
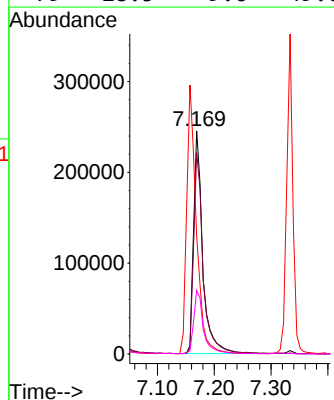
Ion	Ratio	Lower	Upper
70	100		
42	73.3	59.8	89.6
101	9.5	7.4	11.2
130	21.2	16.6	24.8

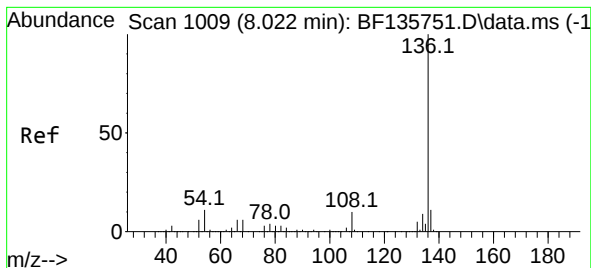


#20
3+4-Methylphenols
Concen: 39.841 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

Tgt Ion: 107 Resp: 276619

Ion	Ratio	Lower	Upper
107	100		
108	90.2	71.1	111.1
77	52.8	42.0	82.0
79	28.5	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.022 min Scan# 1

Delta R.T. -0.000 min

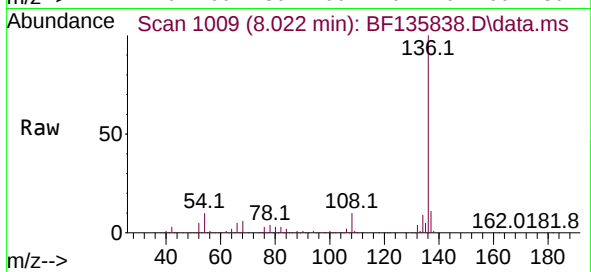
Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 334120

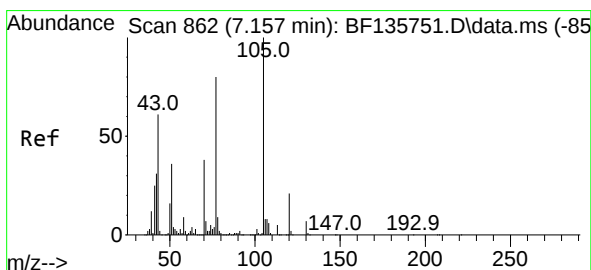
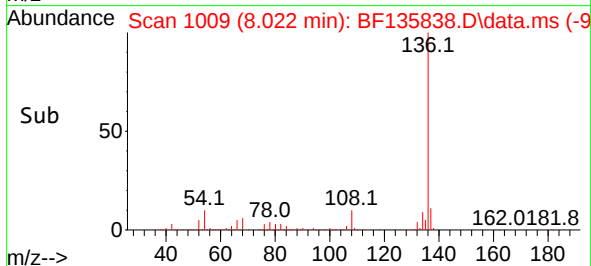
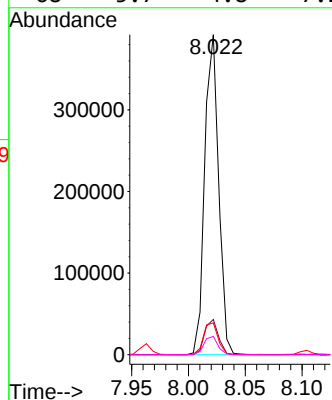
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 9.9 8.5 12.7

68 5.7 4.8 7.2



#22

Acetophenone

Concen: 44.739 ng

RT: 7.157 min Scan# 862

Delta R.T. -0.000 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

Tgt Ion:105 Resp: 342826

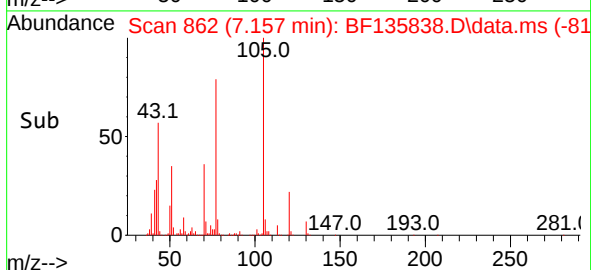
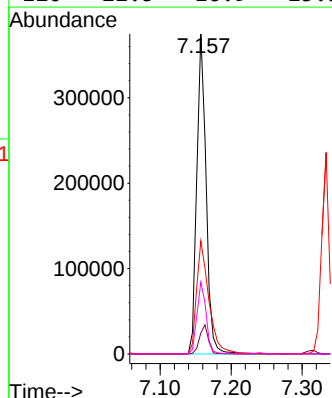
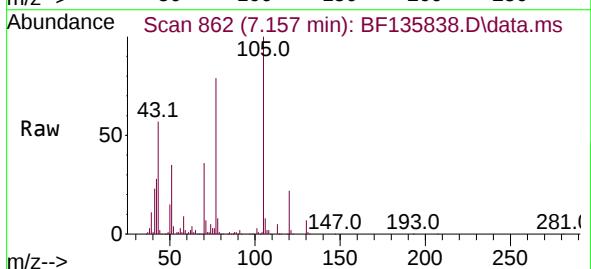
Ion Ratio Lower Upper

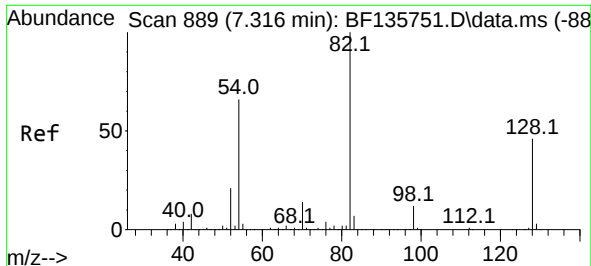
105 100

71 6.6 5.4 8.0

51 35.4 29.4 44.0

120 22.5 16.9 25.3





#23

Nitrobenzene-d5

Concen: 89.654 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

Instrument :

BNA_F

ClientSampleId :

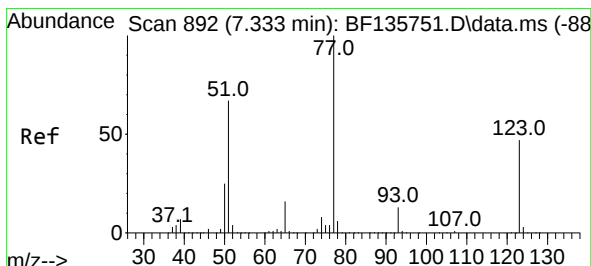
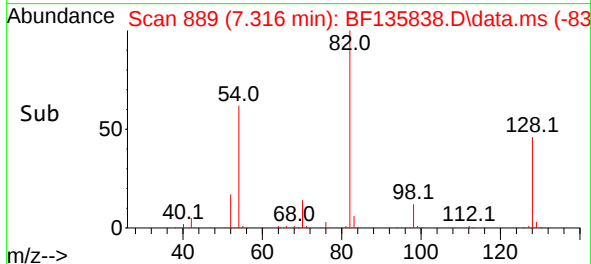
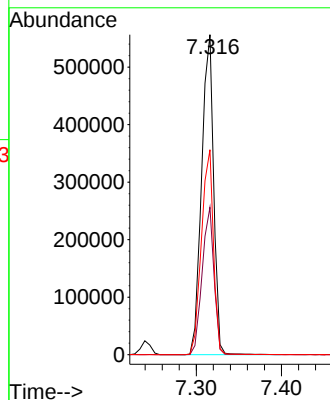
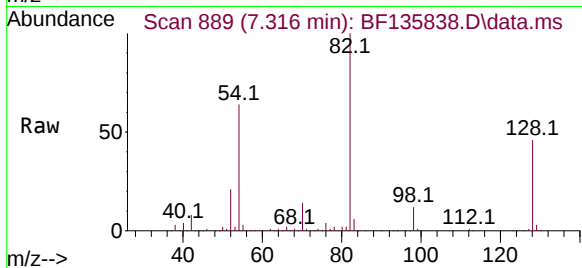
Tgt Ion: 82 Resp: 544645

Ion Ratio Lower Upper

82 100

128 46.0 37.0 55.6

54 64.1 52.8 79.2



#24

Nitrobenzene

Concen: 43.783 ng

RT: 7.334 min Scan# 892

Delta R.T. -0.000 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

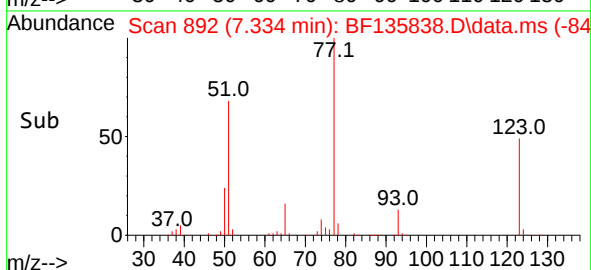
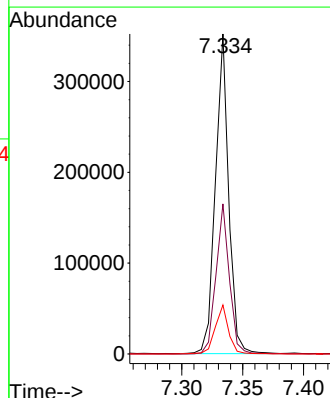
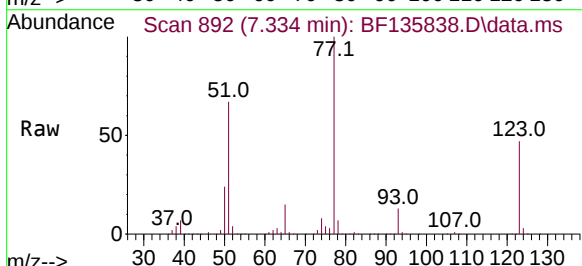
Tgt Ion: 77 Resp: 266947

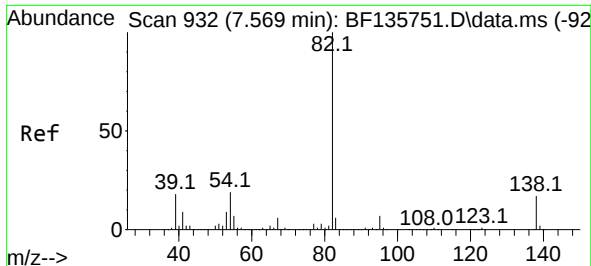
Ion Ratio Lower Upper

77 100

123 46.9 37.3 55.9

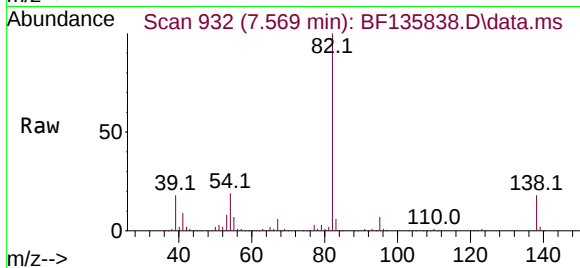
65 15.3 12.6 18.8



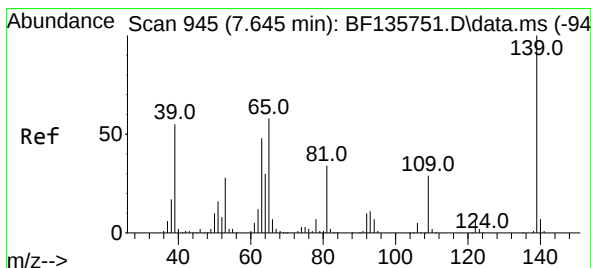
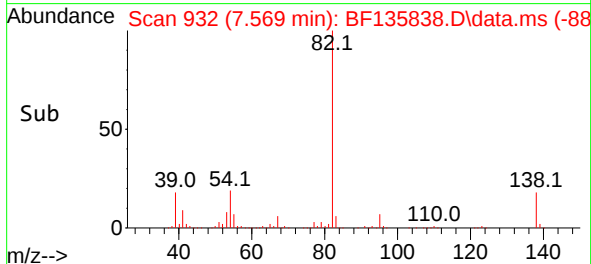
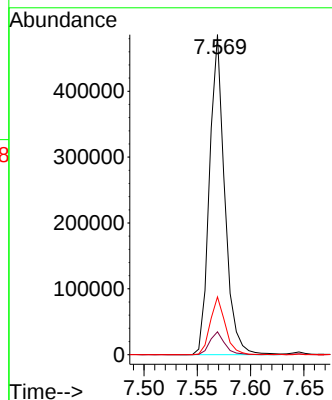


#25
Isophorone
Concen: 42.081 ng
RT: 7.569 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

Instrument :
BNA_F
ClientSampleId :

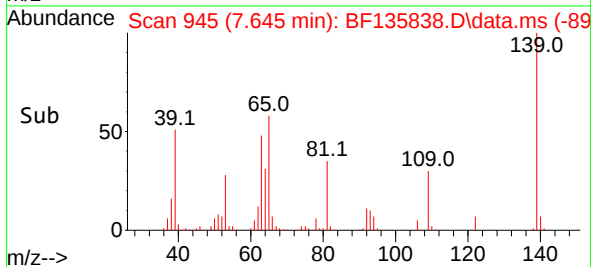
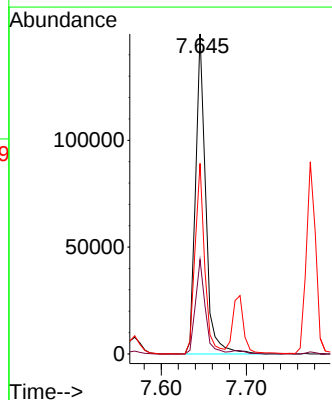
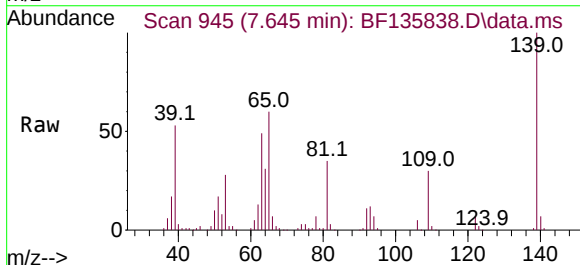


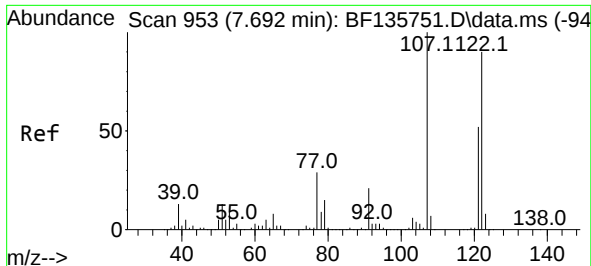
Tgt Ion: 82 Resp: 482287
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 18.1 13.9 20.9



#26
2-Nitrophenol
Concen: 41.685 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

Tgt Ion:139 Resp: 124032
Ion Ratio Lower Upper
139 100
109 29.5 23.0 34.4
65 59.5 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 44.338 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.000 min

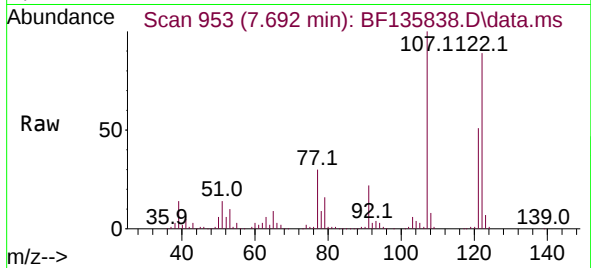
Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

Instrument :

BNA_F

ClientSampleId :



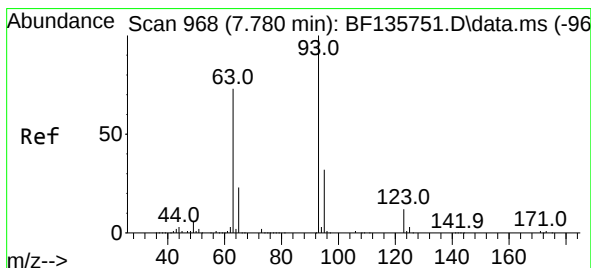
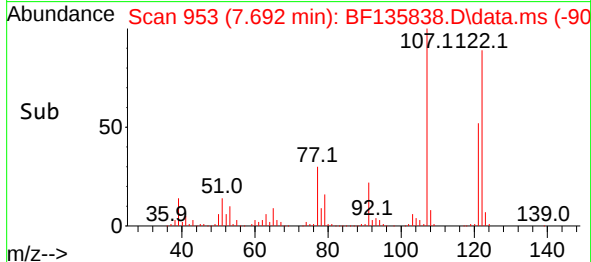
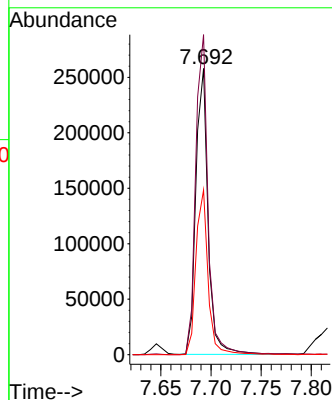
Tgt Ion:122 Resp: 217179

Ion Ratio Lower Upper

122 100

107 111.9 88.2 132.4

121 57.6 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 43.504 ng

RT: 7.775 min Scan# 967

Delta R.T. -0.006 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

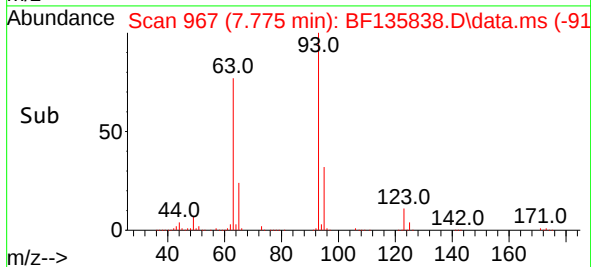
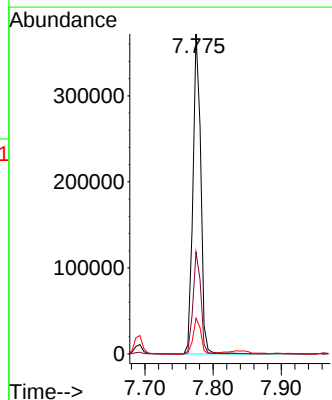
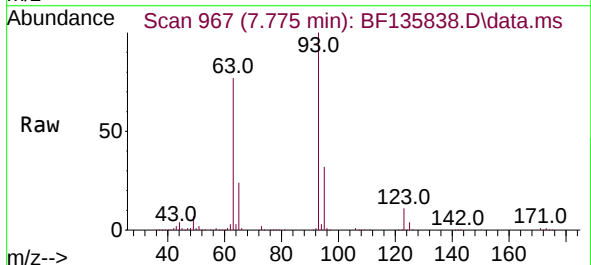
Tgt Ion: 93 Resp: 296931

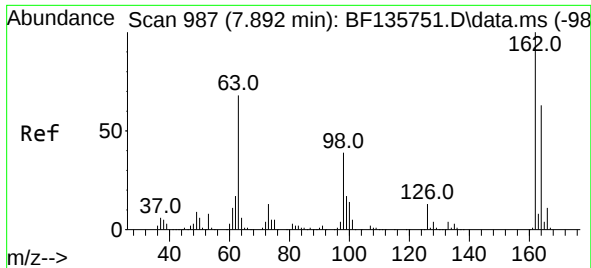
Ion Ratio Lower Upper

93 100

95 31.8 25.7 38.5

123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 44.859 ng

RT: 7.892 min Scan# 987

Delta R.T. -0.000 min

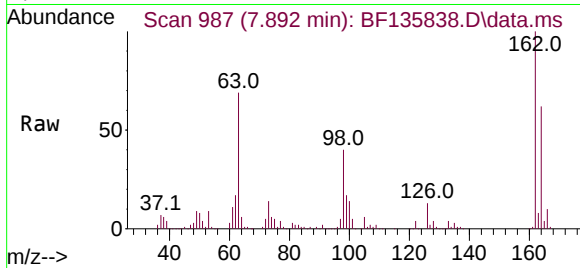
Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

Instrument :

BNA_F

ClientSampleId :



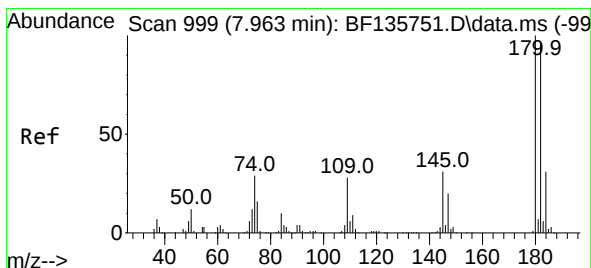
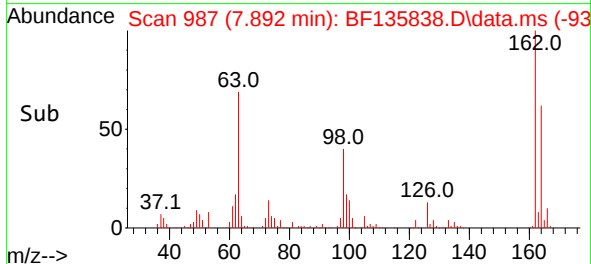
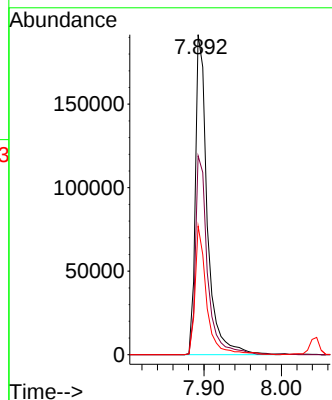
Tgt Ion:162 Resp: 205918

Ion Ratio Lower Upper

162 100

164 62.2 43.4 83.4

98 40.2 19.0 59.0



#30

1,2,4-Trichlorobenzene

Concen: 44.405 ng

RT: 7.963 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

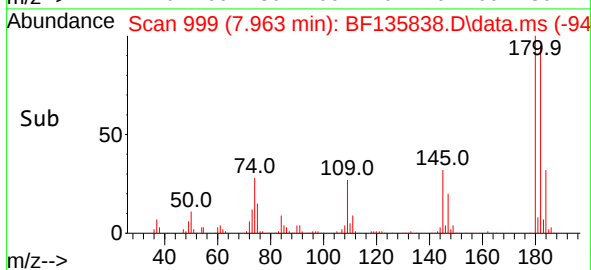
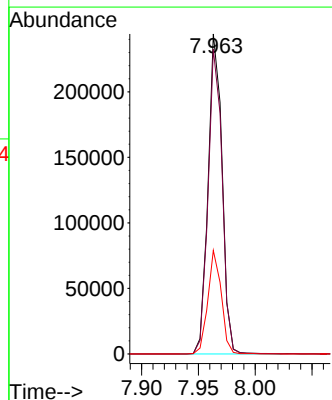
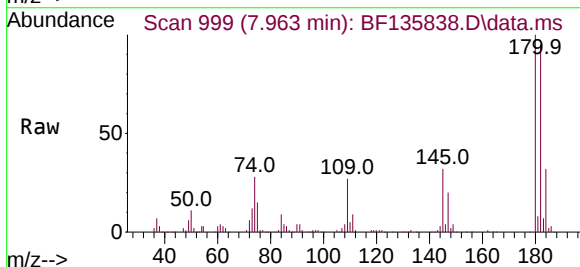
Tgt Ion:180 Resp: 208477

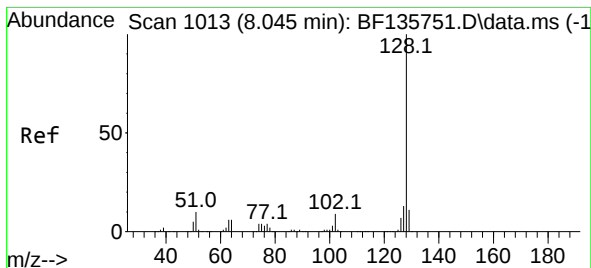
Ion Ratio Lower Upper

180 100

182 95.2 76.4 114.6

145 32.3 25.0 37.6





#31

Naphthalene

Concen: 40.551 ng

RT: 8.045 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

Instrument :

BNA_F

ClientSampleId :

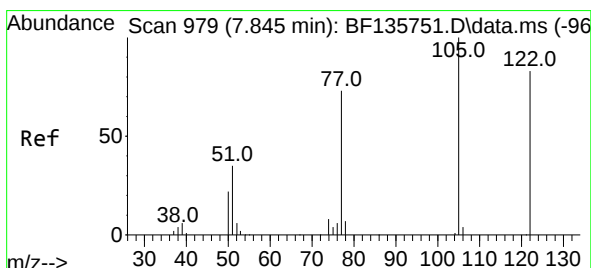
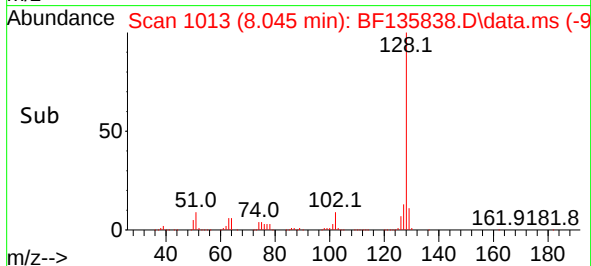
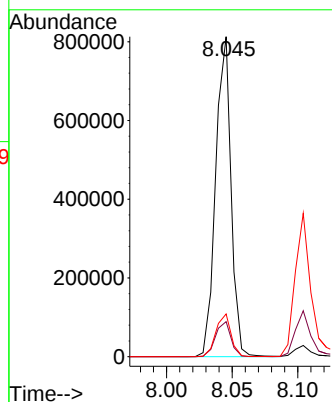
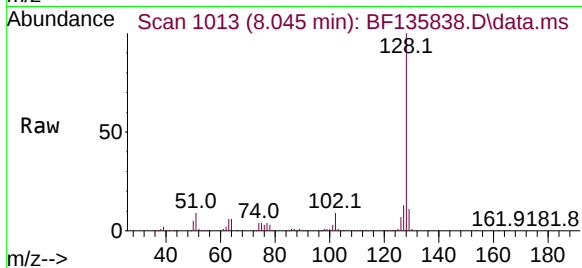
Tgt Ion:128 Resp: 660857

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.3 10.2 15.4



#32

Benzoic acid

Concen: 43.407 ng

RT: 7.845 min Scan# 979

Delta R.T. -0.006 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

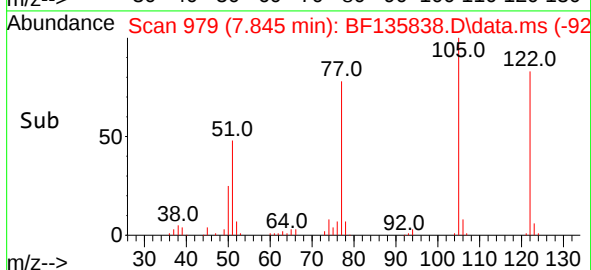
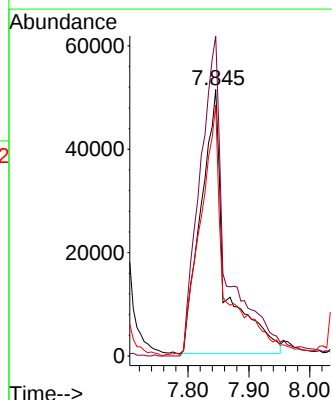
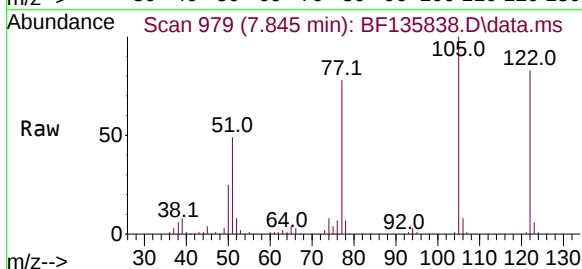
Tgt Ion:122 Resp: 143921

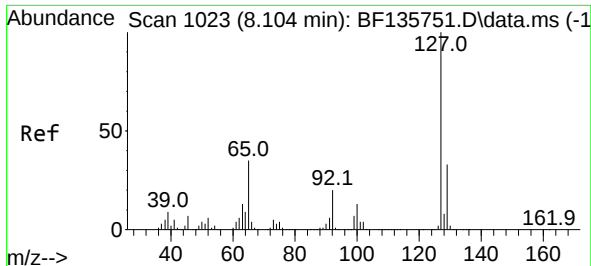
Ion Ratio Lower Upper

122 100

105 120.1 98.7 138.7

77 94.1 67.8 107.8

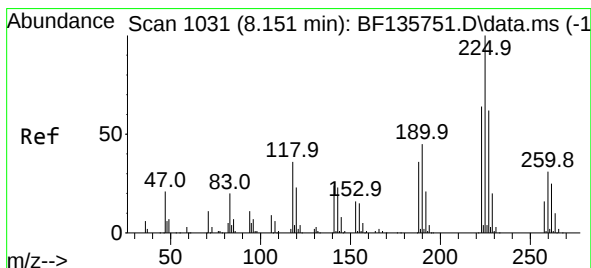
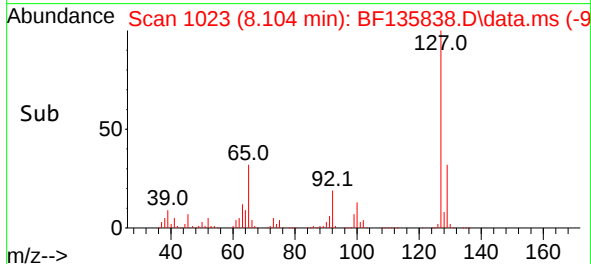
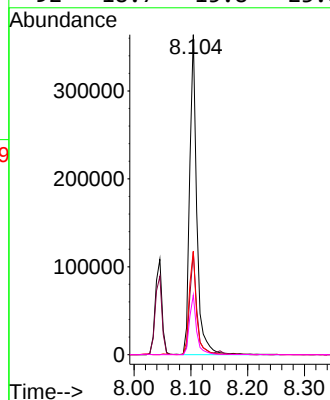
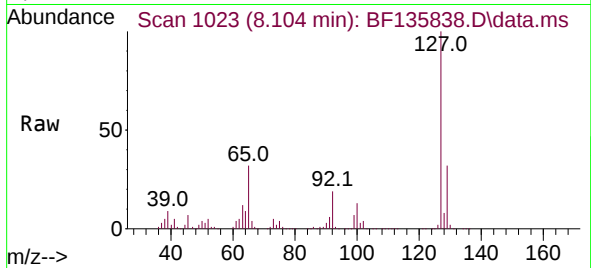




#33
4-Chloroaniline
Concen: 44.425 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

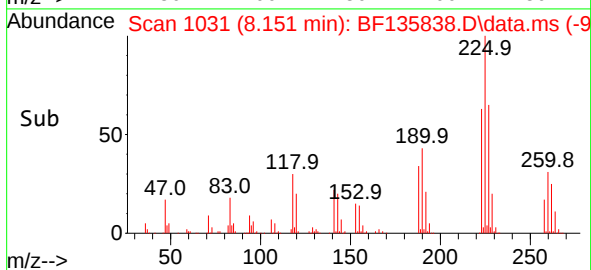
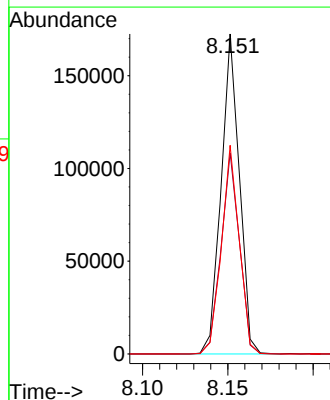
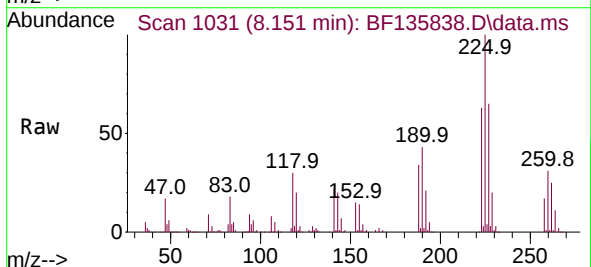
Instrument :
BNA_F
ClientSampleId :

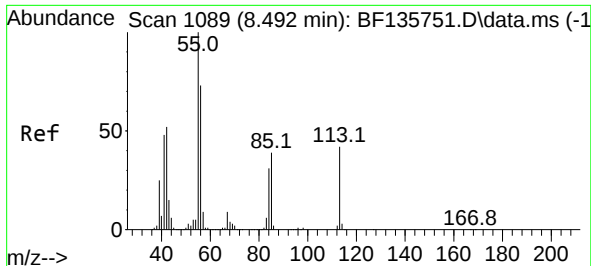
Tgt Ion:	127	Resp:	316261
Ion Ratio	Lower	Upper	
127	100		
129	32.0	26.5	39.7
65	32.4	27.9	41.9
92	18.7	15.8	23.8



#34
Hexachlorobutadiene
Concen: 46.221 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

Tgt Ion:	225	Resp:	128447
Ion Ratio	Lower	Upper	
225	100		
223	62.9	51.1	76.7
227	65.2	49.7	74.5

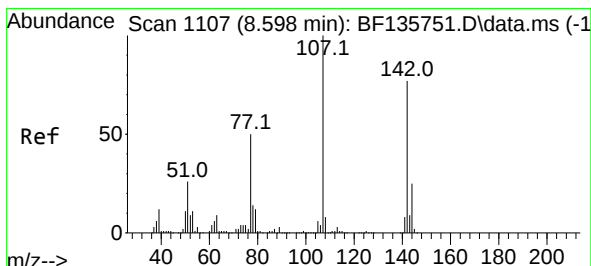
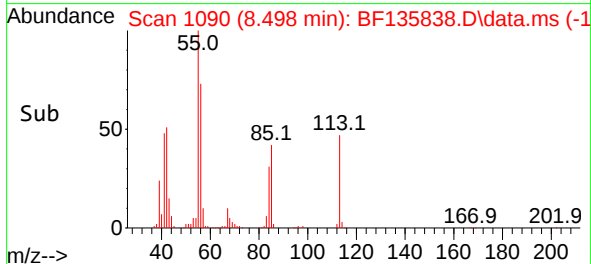
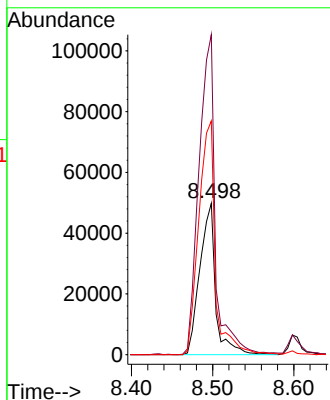
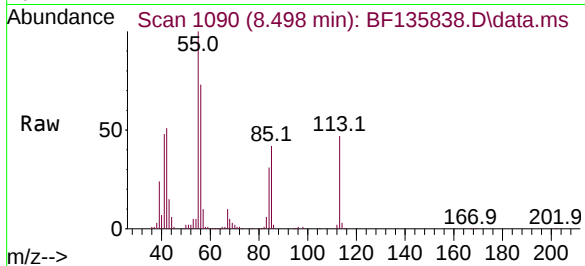




#35
 Caprolactam
 Concen: 42.954 ng
 RT: 8.498 min Scan# 1089
 Delta R.T. -0.000 min
 Lab File: BF135838.D
 Acq: 18 Oct 2023 10:27

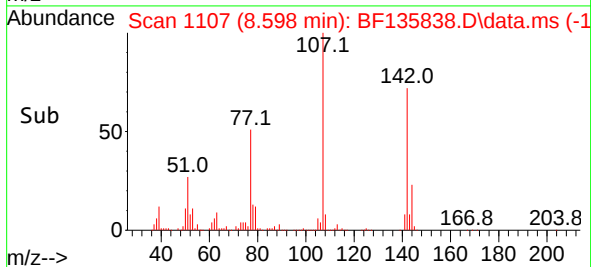
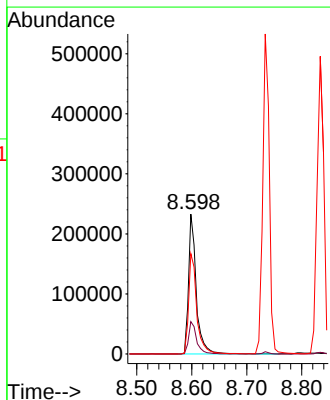
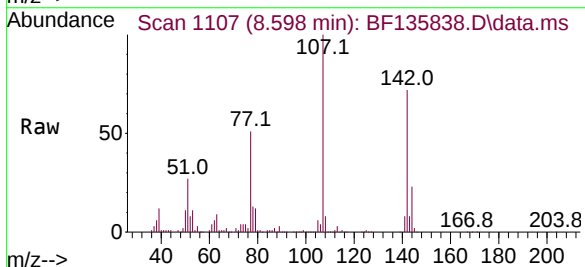
Instrument :
 BNA_F
 ClientSampleId :

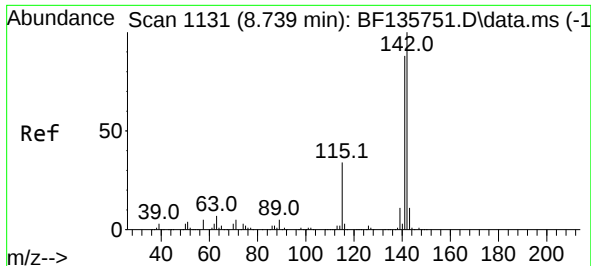
Tgt Ion:113 Resp: 67404
 Ion Ratio Lower Upper
 113 100
 55 211.4 217.4 257.4#
 56 154.4 153.1 193.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.716 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF135838.D
 Acq: 18 Oct 2023 10:27

Tgt Ion:107 Resp: 227628
 Ion Ratio Lower Upper
 107 100
 144 23.2 19.8 29.8
 142 71.8 61.3 91.9





#37

2-Methylnaphthalene

Concen: 41.388 ng

RT: 8.734 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

Instrument :

BNA_F

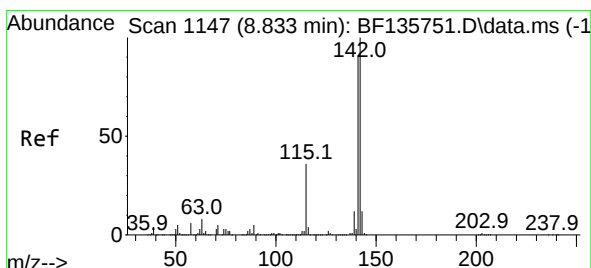
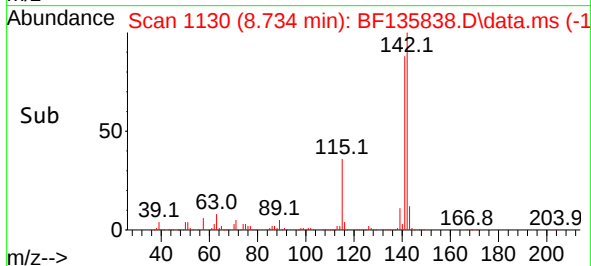
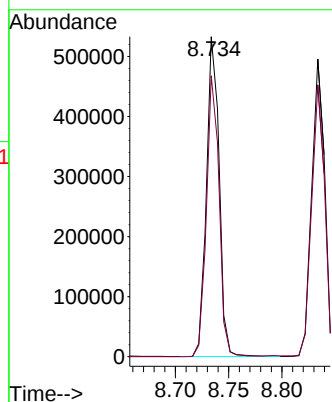
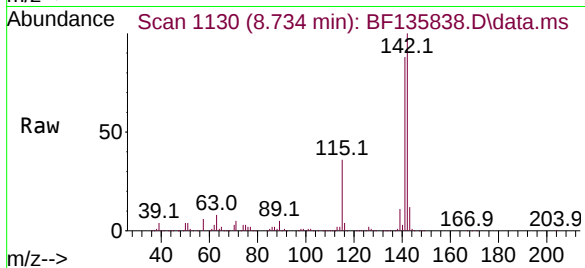
ClientSampleId :

Tgt Ion:142 Resp: 444392

Ion Ratio Lower Upper

142 100

141 87.8 70.6 105.8



#38

1-Methylnaphthalene

Concen: 42.198 ng

RT: 8.834 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF135838.D

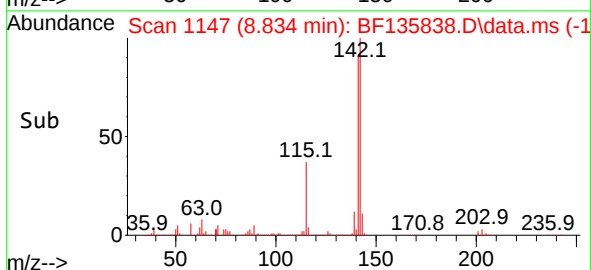
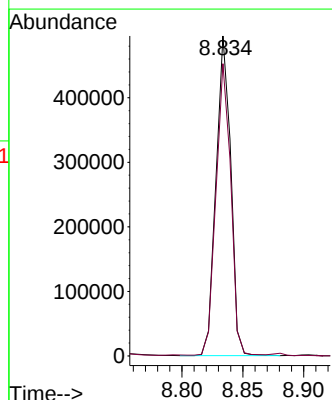
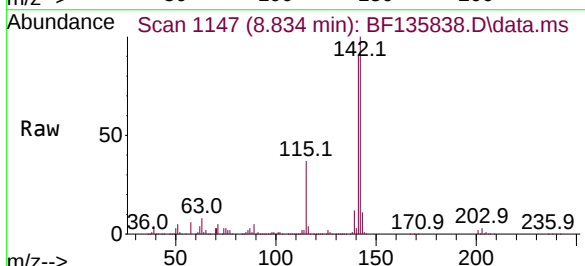
Acq: 18 Oct 2023 10:27

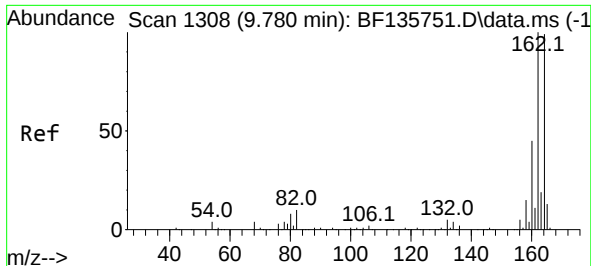
Tgt Ion:142 Resp: 417903

Ion Ratio Lower Upper

142 100

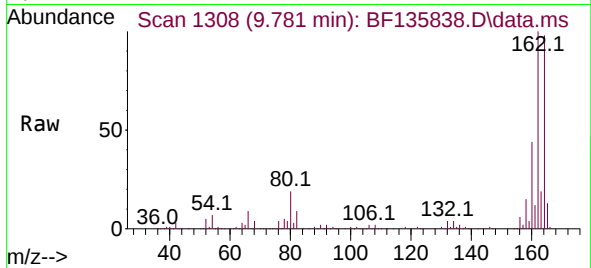
141 91.3 72.7 109.1



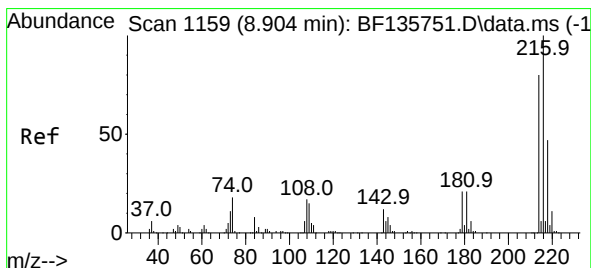
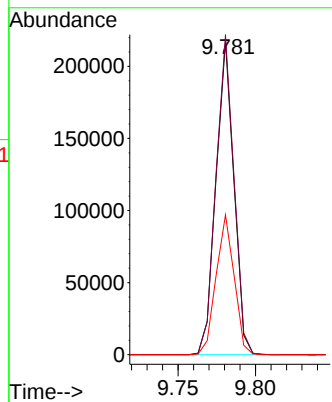
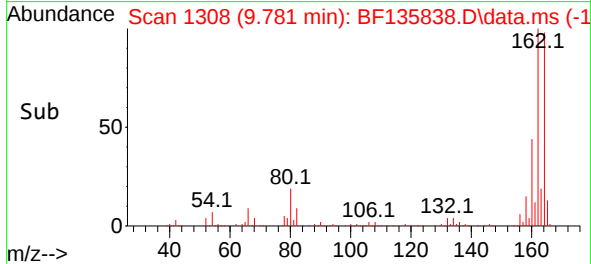


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

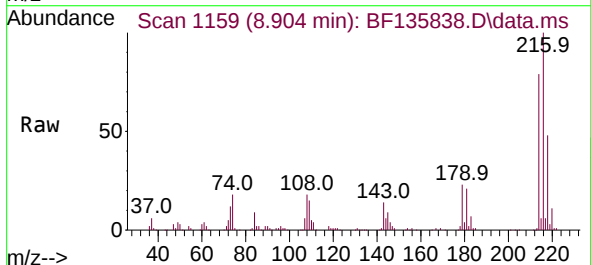
Instrument :
BNA_F
ClientSampleId :



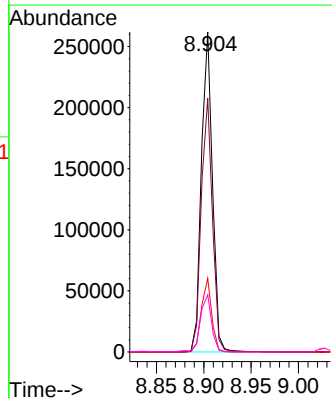
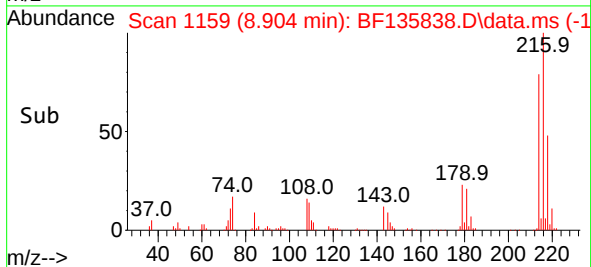
Tgt Ion:164 Resp: 174848
Ion Ratio Lower Upper
164 100
162 102.0 80.8 121.2
160 44.6 36.6 54.8

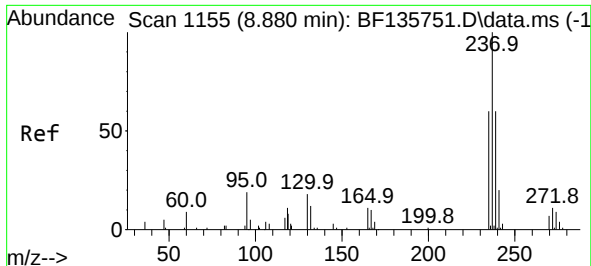


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.188 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27



Tgt Ion:216 Resp: 212190
Ion Ratio Lower Upper
216 100
214 80.2 64.0 96.0
179 21.5 16.9 25.3
108 18.0 14.4 21.6

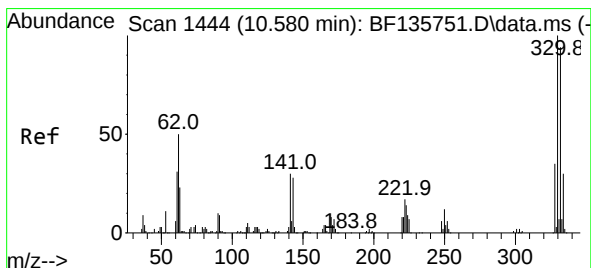
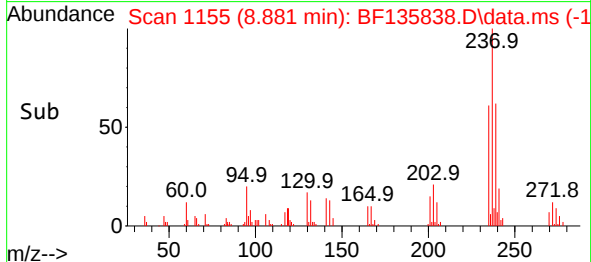
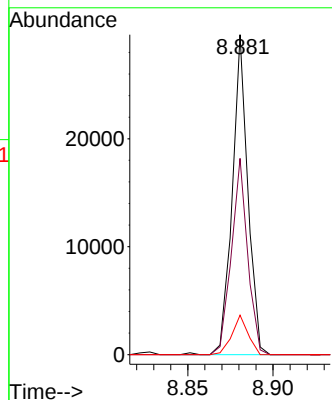
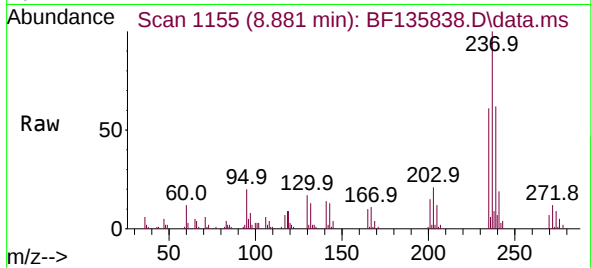




#41
Hexachlorocyclopentadiene
Concen: 36.877 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

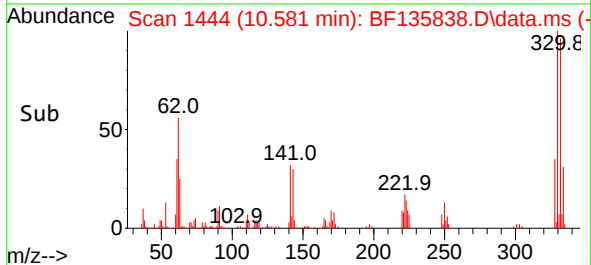
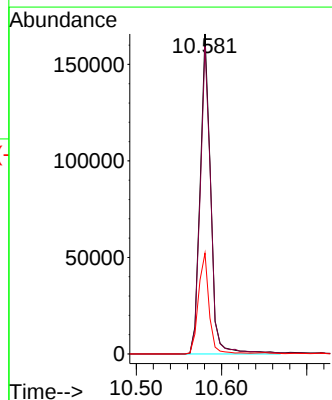
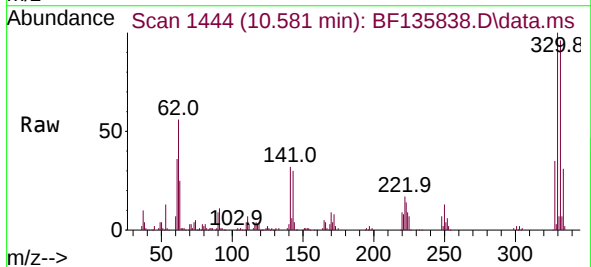
Instrument :
BNA_F
ClientSampleId :

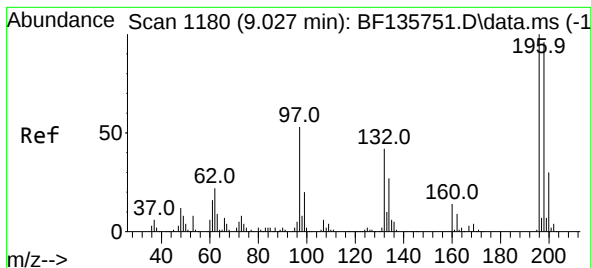
Tgt Ion:237 Resp: 18863
Ion Ratio Lower Upper
237 100
235 61.4 40.0 80.0
272 12.4 0.0 30.9



#42
2,4,6-Tribromophenol
Concen: 84.977 ng
RT: 10.581 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

Tgt Ion:330 Resp: 142575
Ion Ratio Lower Upper
330 100
332 96.9 75.0 112.4
141 31.9 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 40.607 ng

RT: 9.028 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

Instrument :

BNA_F

ClientSampleId :

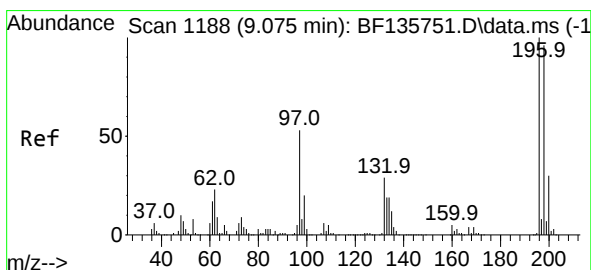
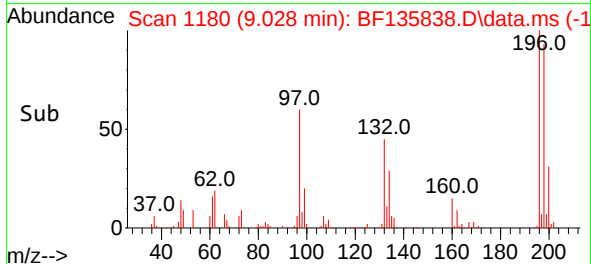
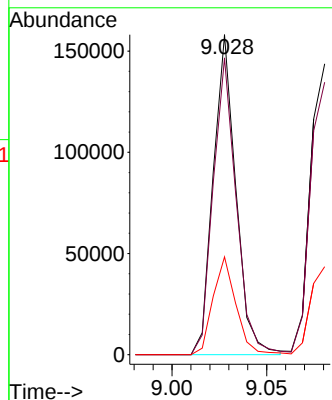
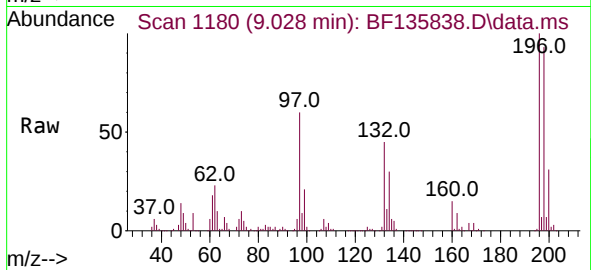
Tgt Ion:196 Resp: 131612

Ion Ratio Lower Upper

196 100

198 92.8 76.7 115.1

200 30.6 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 42.379 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.000 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

Tgt Ion:196 Resp: 159757

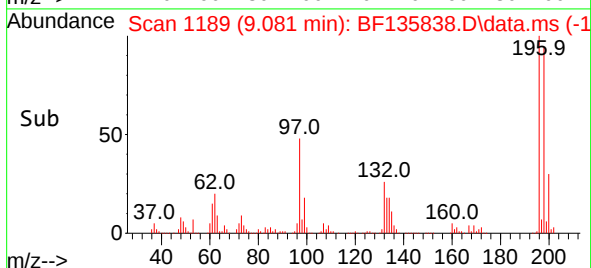
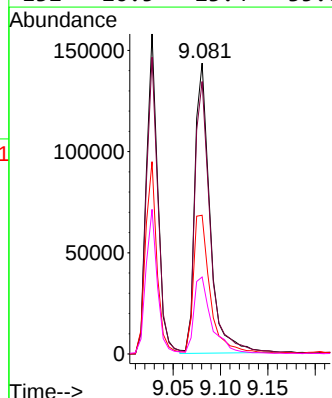
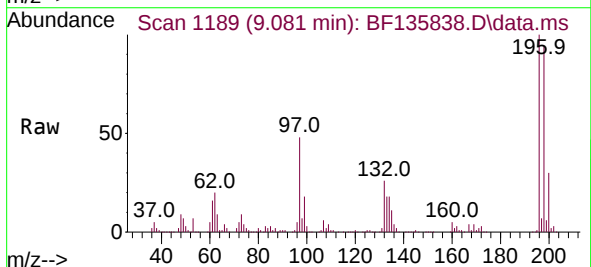
Ion Ratio Lower Upper

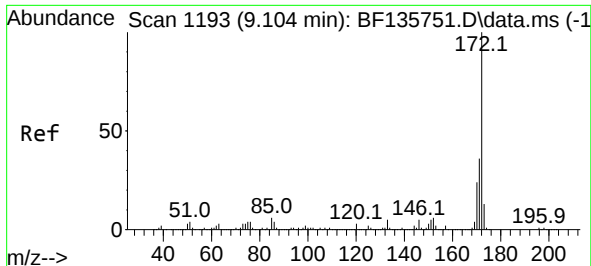
196 100

198 93.7 77.0 115.6

97 47.7 42.2 63.2

132 26.5 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 84.946 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

Instrument :

BNA_F

ClientSampleId :

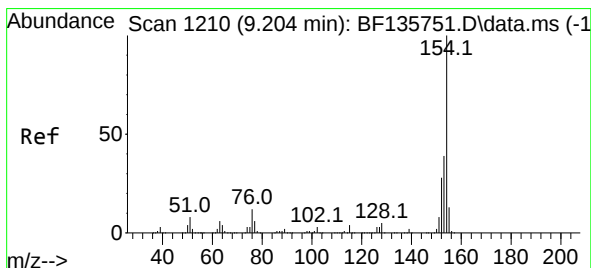
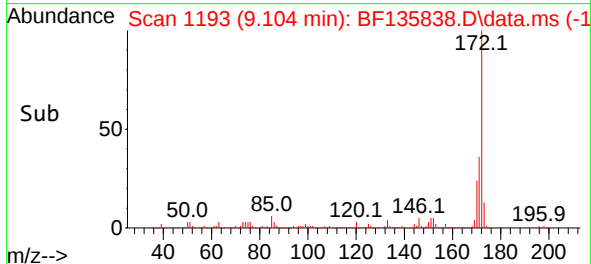
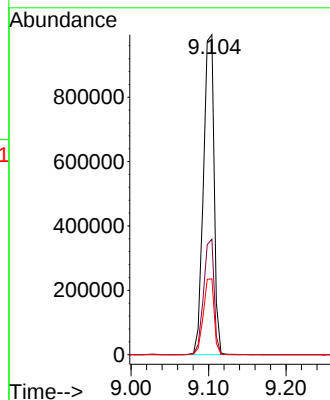
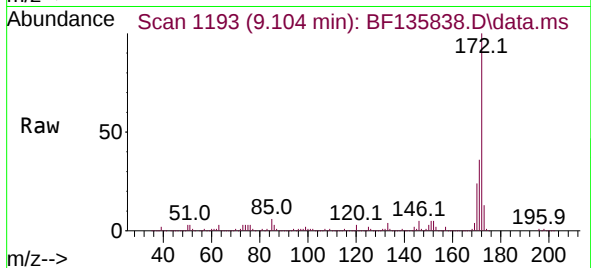
Tgt Ion:172 Resp: 949959

Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 23.7 18.8 28.2



#46

1,1'-Biphenyl

Concen: 42.962 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

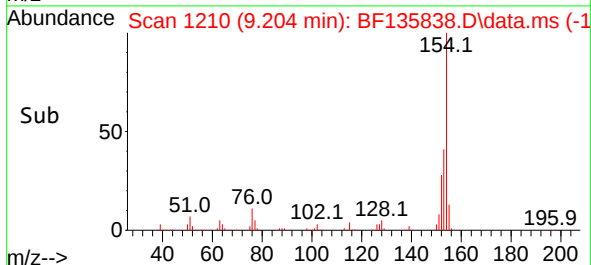
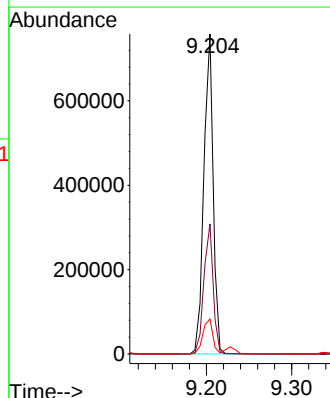
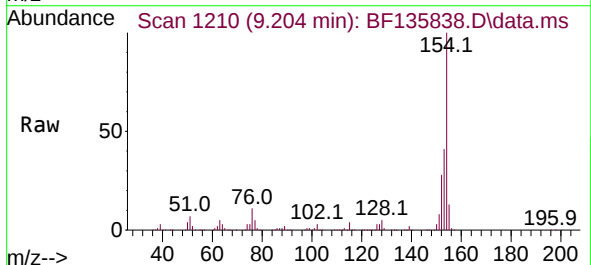
Tgt Ion:154 Resp: 575424

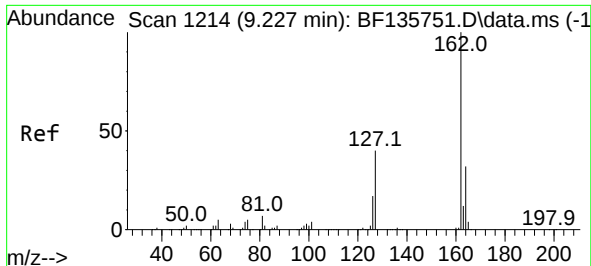
Ion Ratio Lower Upper

154 100

153 40.6 19.4 59.4

76 10.9 0.0 31.7

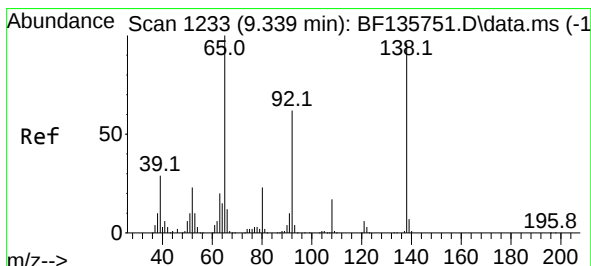
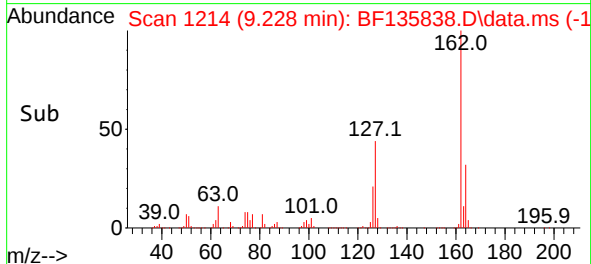
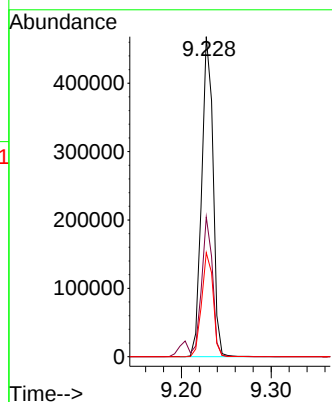
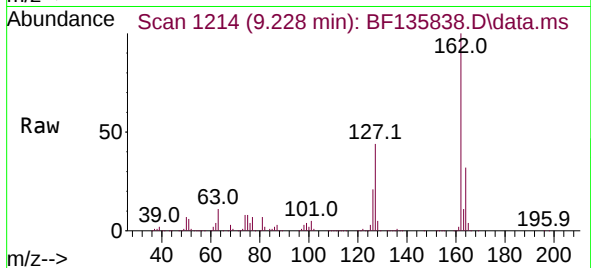




#47
2-Chloronaphthalene
Concen: 42.597 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

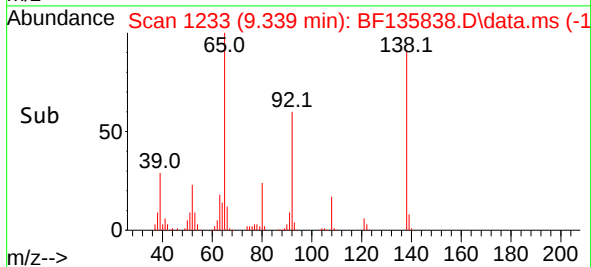
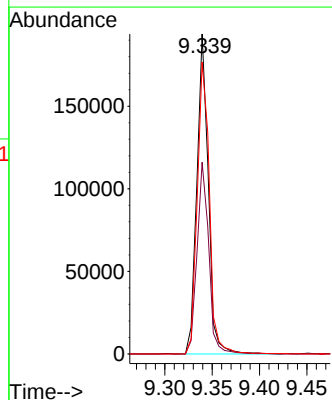
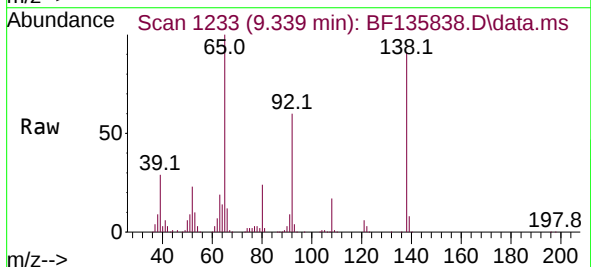
Instrument :
BNA_F
ClientSampleId :

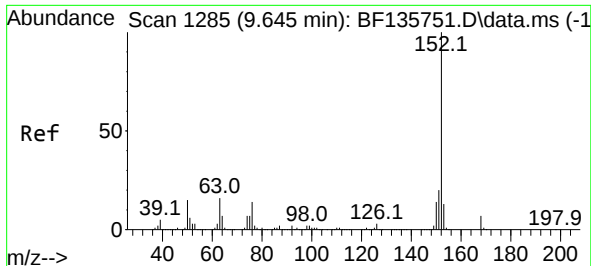
Tgt Ion:162 Resp: 411182
Ion Ratio Lower Upper
162 100
127 43.6 34.7 52.1
164 32.5 25.6 38.4



#48
2-Nitroaniline
Concen: 42.809 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

Tgt Ion: 65 Resp: 163109
Ion Ratio Lower Upper
65 100
92 59.9 49.4 74.0
138 91.2 76.6 114.8

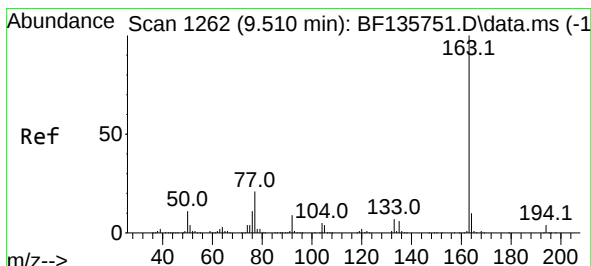
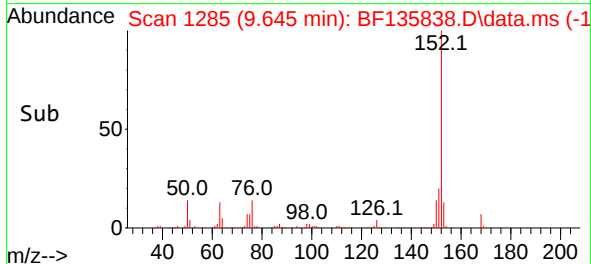
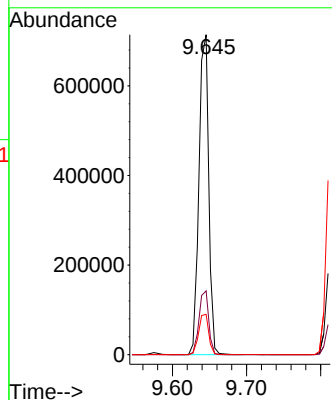
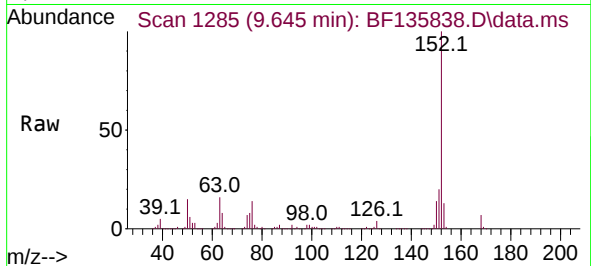




#49
Acenaphthylene
Concen: 40.846 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

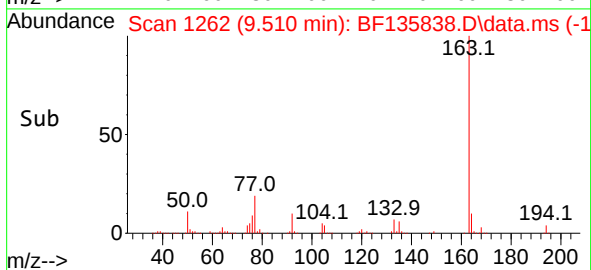
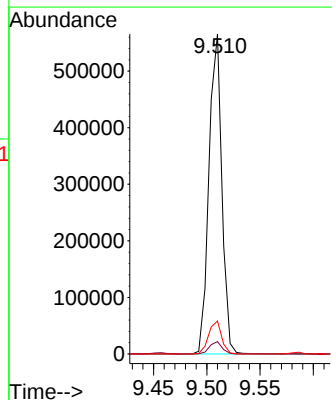
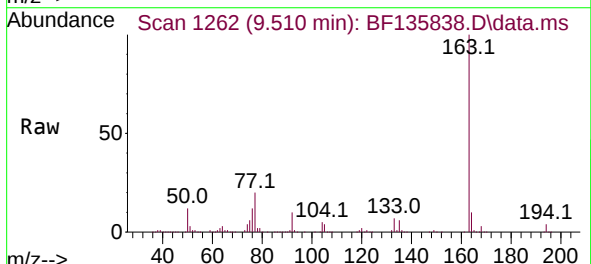
Instrument :
BNA_F
ClientSampleId :

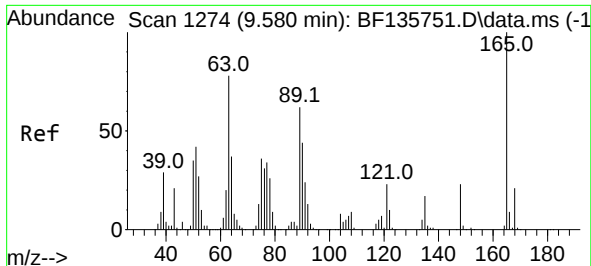
Tgt Ion:152 Resp: 652475
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 12.6 10.2 15.4



#50
Dimethylphthalate
Concen: 40.449 ng
RT: 9.510 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

Tgt Ion:163 Resp: 477439
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.3 7.9 11.9

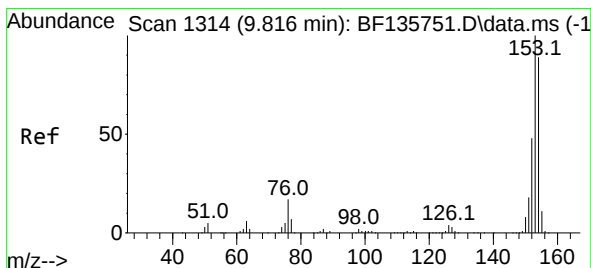
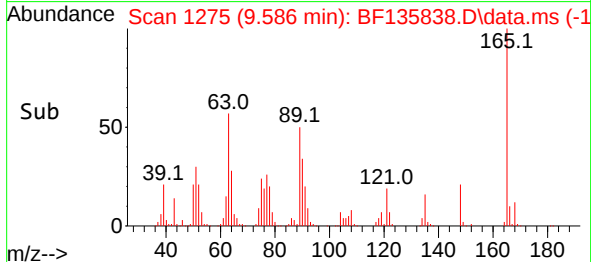
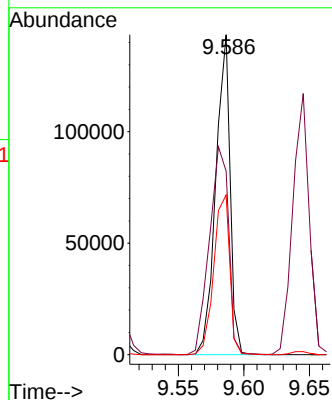
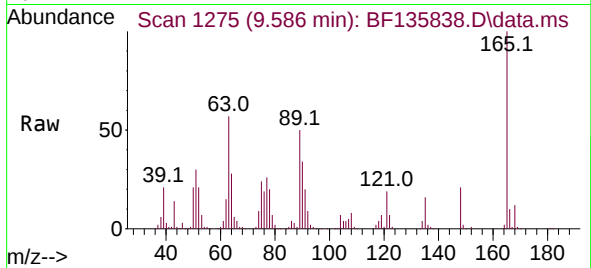




#51
2,6-Dinitrotoluene
Concen: 42.914 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

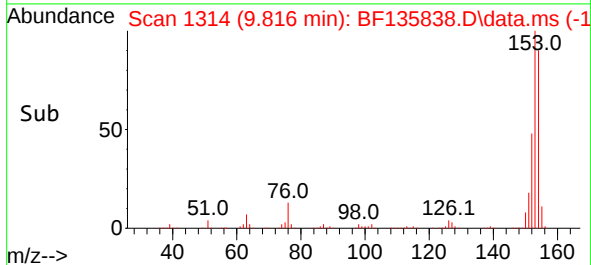
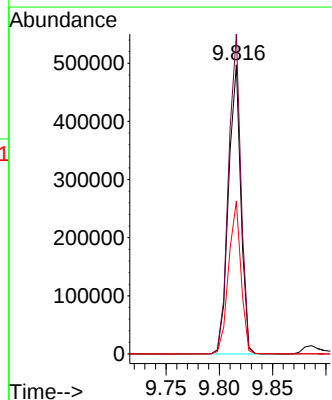
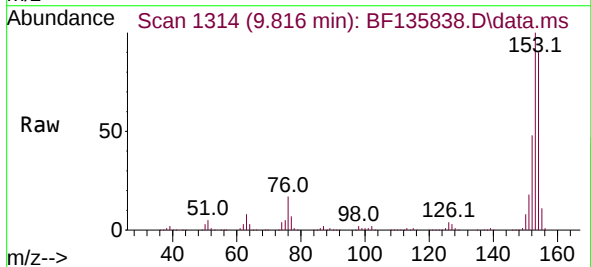
Instrument :
BNA_F
ClientSampleId :

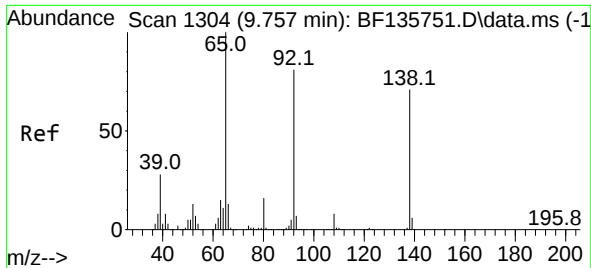
Tgt Ion:165 Resp: 108928
Ion Ratio Lower Upper
165 100
63 57.3 62.2 93.4#
89 49.9 49.6 74.4



#52
Acenaphthene
Concen: 41.800 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

Tgt Ion:154 Resp: 400215
Ion Ratio Lower Upper
154 100
153 110.7 90.1 135.1
152 52.9 43.1 64.7

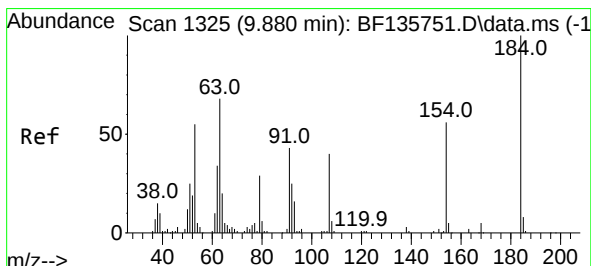
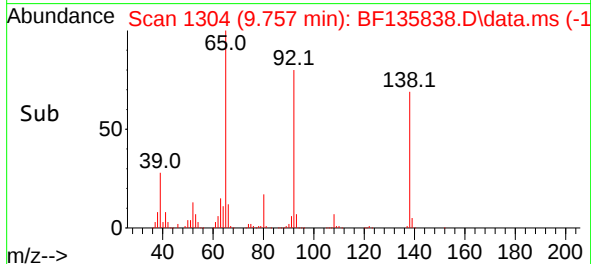
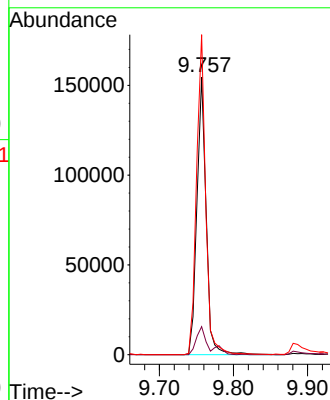
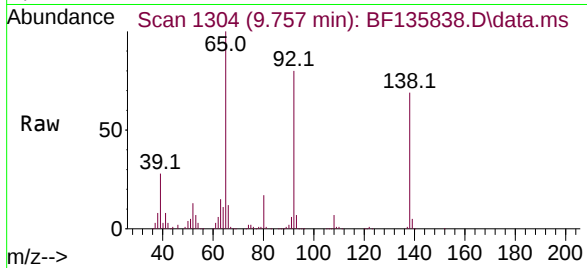




#53
3-Nitroaniline
Concen: 42.886 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

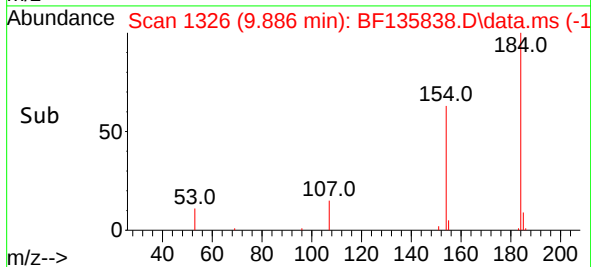
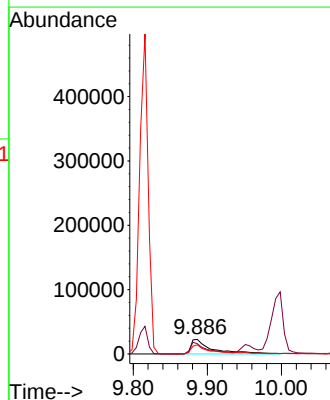
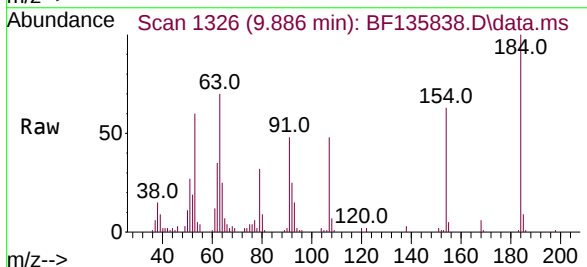
Instrument :
BNA_F
ClientSampleId :

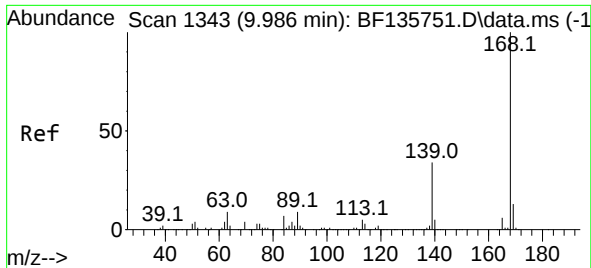
Tgt Ion:138 Resp: 133441
Ion Ratio Lower Upper
138 100
108 10.1 8.6 13.0
92 115.3 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 42.915 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

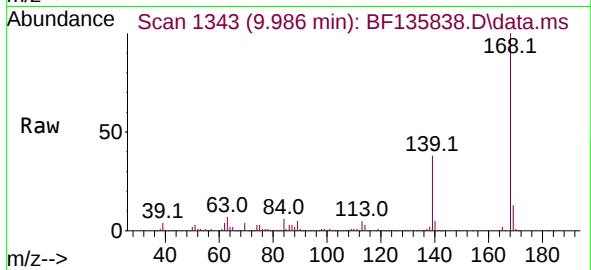
Tgt Ion:184 Resp: 45470
Ion Ratio Lower Upper
184 100
63 70.1 54.6 81.8
154 63.0 45.0 67.4



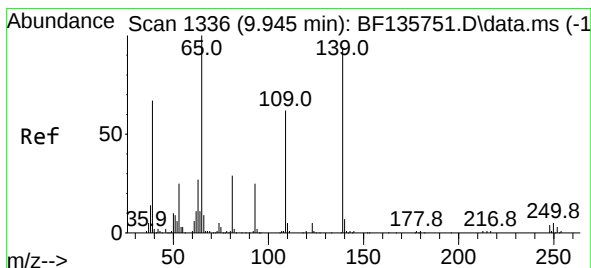
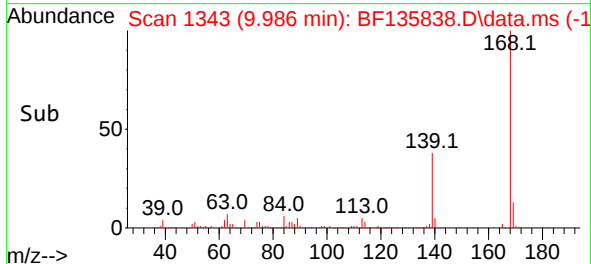
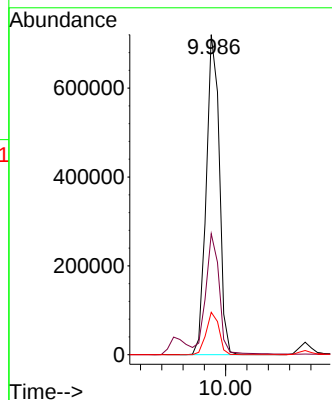


#55
Dibenzofuran
Concen: 42.644 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

Instrument :
BNA_F
ClientSampleId :

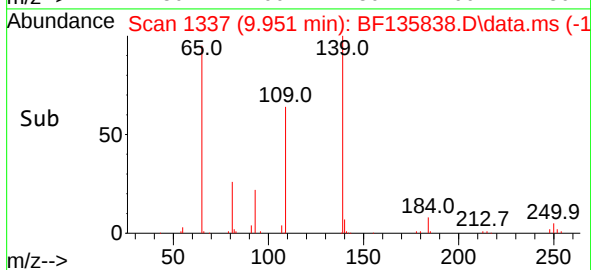
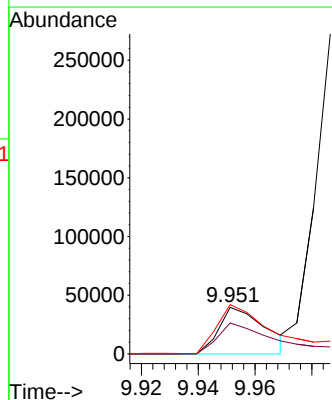
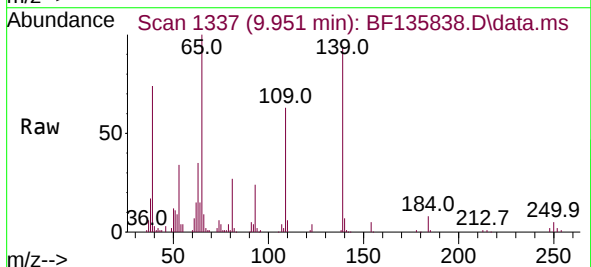


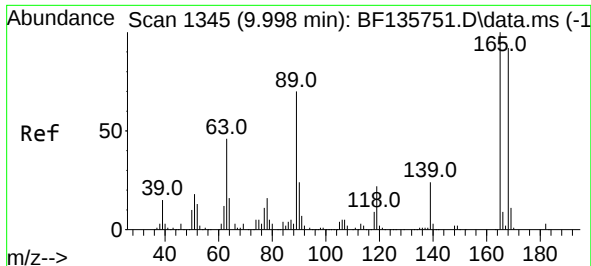
Tgt Ion:168 Resp: 616071
Ion Ratio Lower Upper
168 100
139 37.8 31.0 46.4
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 34.504 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

Tgt Ion:139 Resp: 44410
Ion Ratio Lower Upper
139 100
109 66.5 45.6 85.6
65 105.9 87.5 127.5





#57

2,4-Dinitrotoluene

Concen: 43.569 ng

RT: 9.998 min Scan# 11

Delta R.T. -0.006 min

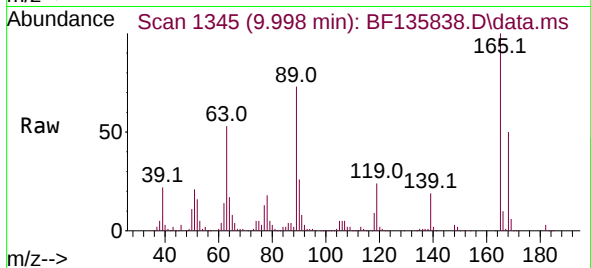
Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:165 Resp: 140693

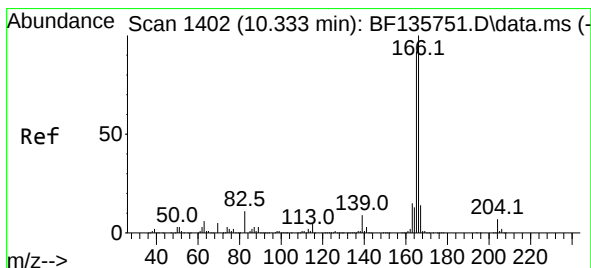
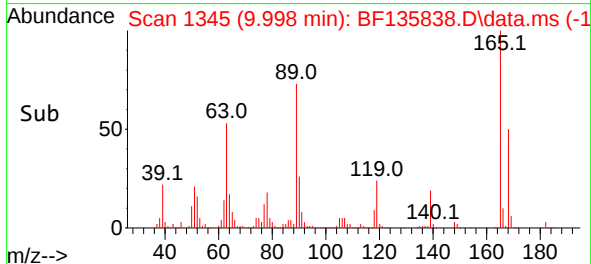
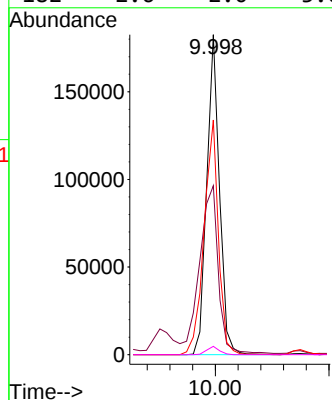
Ion Ratio Lower Upper

165 100

63 52.8 39.0 58.4

89 73.4 55.9 83.9

182 2.6 2.0 3.0



#58

Fluorene

Concen: 42.456 ng

RT: 10.334 min Scan# 1402

Delta R.T. -0.006 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

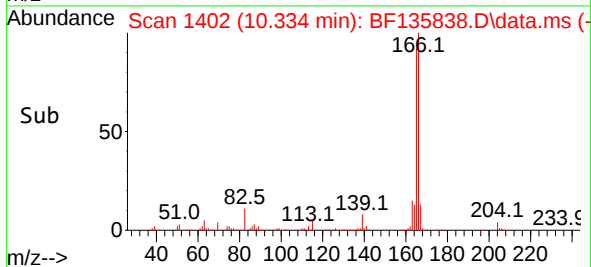
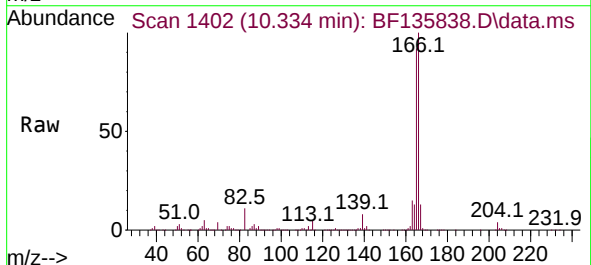
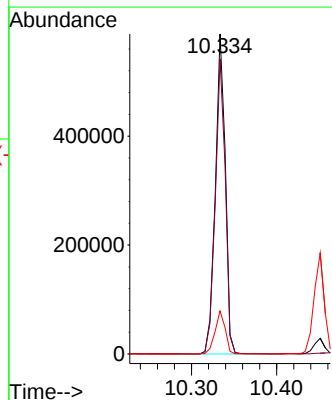
Tgt Ion:166 Resp: 480179

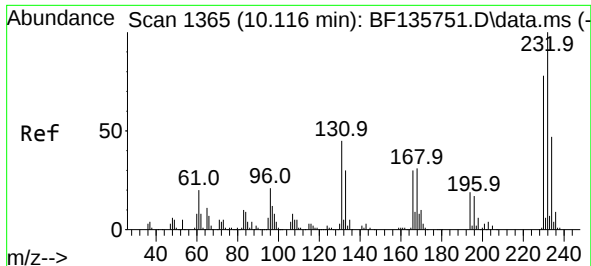
Ion Ratio Lower Upper

166 100

165 92.2 73.4 110.0

167 13.4 11.0 16.6

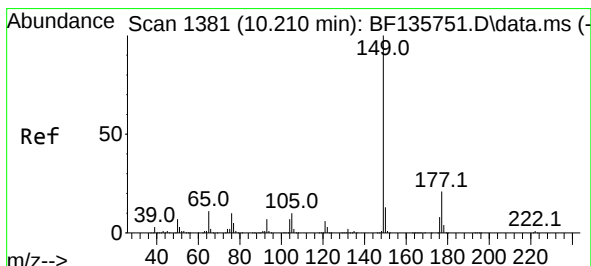
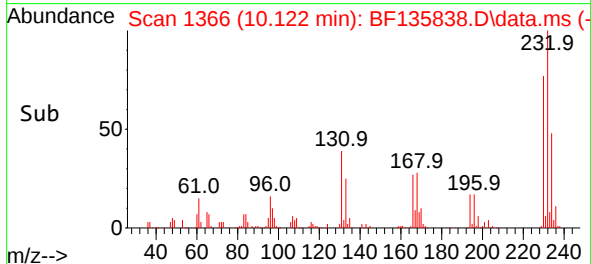
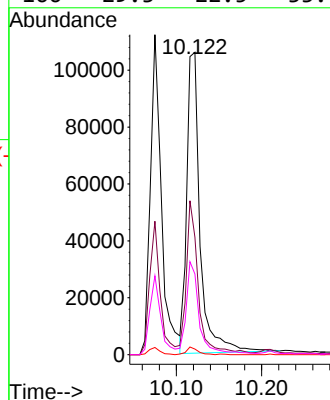
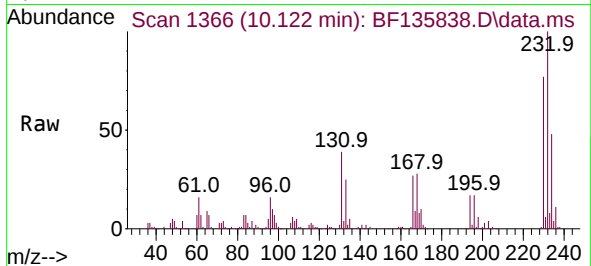




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.300 ng
RT: 10.122 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

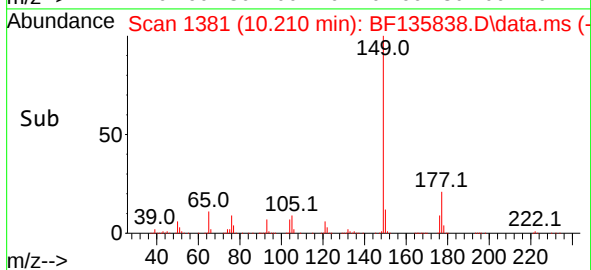
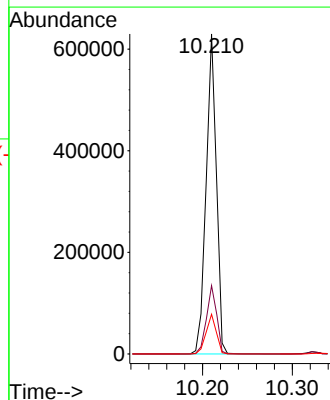
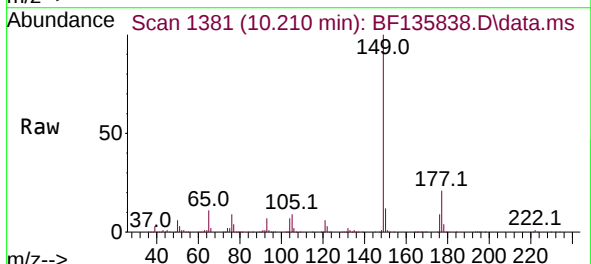
Instrument :
BNA_F
ClientSampleId :

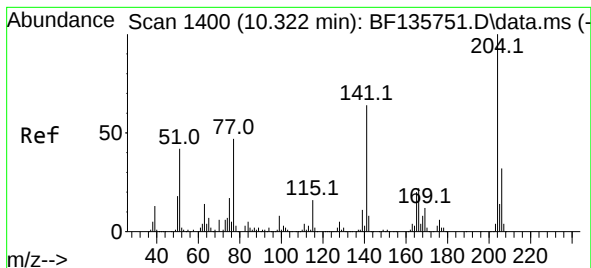
Tgt Ion:232 Resp: 114808
Ion Ratio Lower Upper
232 100
131 45.9 35.8 53.6
130 2.1 1.9 2.9
166 29.3 22.5 33.7



#60
Diethylphthalate
Concen: 41.443 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

Tgt Ion:149 Resp: 499385
Ion Ratio Lower Upper
149 100
177 21.4 16.9 25.3
150 12.4 10.2 15.2

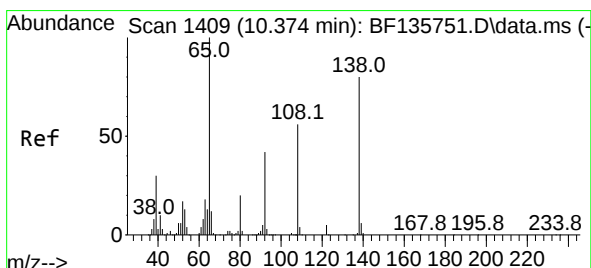
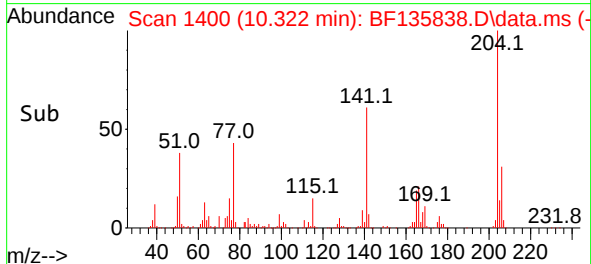
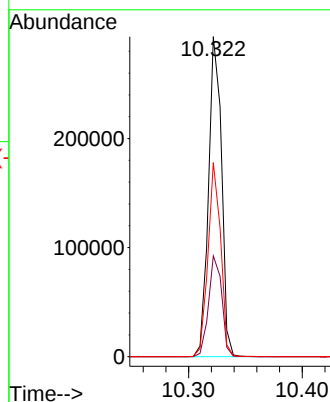
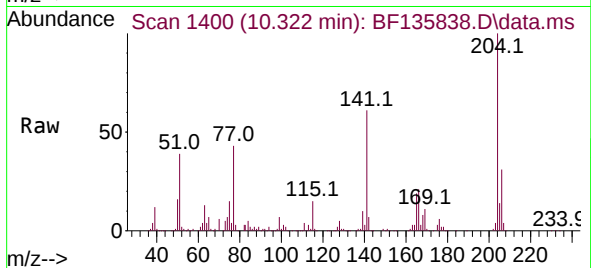




#61
4-Chlorophenyl-phenylether
Concen: 42.575 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

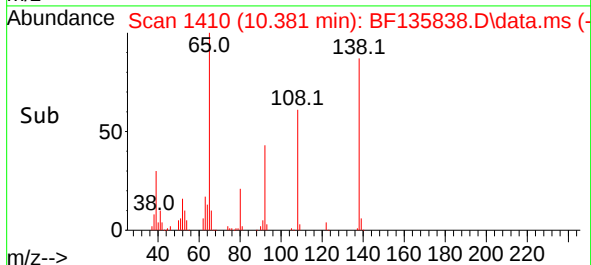
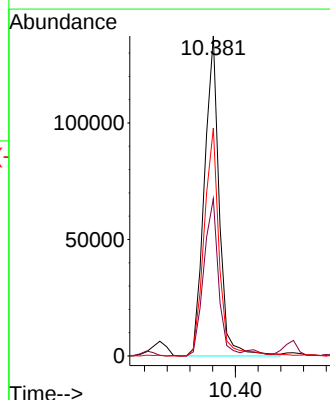
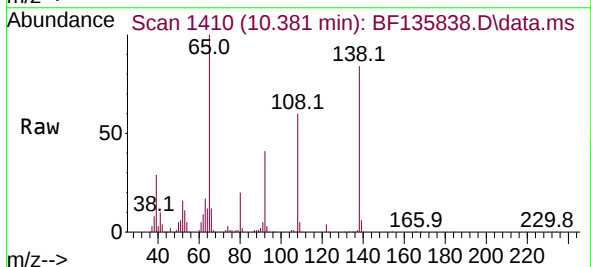
Instrument :
BNA_F
ClientSampleId :

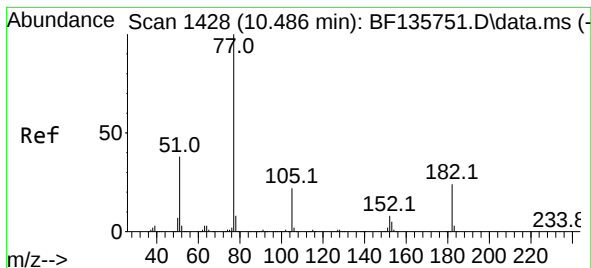
Tgt Ion:204 Resp: 232724
Ion Ratio Lower Upper
204 100
206 31.5 25.8 38.6
141 60.6 51.4 77.0



#62
4-Nitroaniline
Concen: 43.574 ng
RT: 10.381 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

Tgt Ion:138 Resp: 124747
Ion Ratio Lower Upper
138 100
92 49.1 31.9 71.9
108 71.2 49.7 89.7

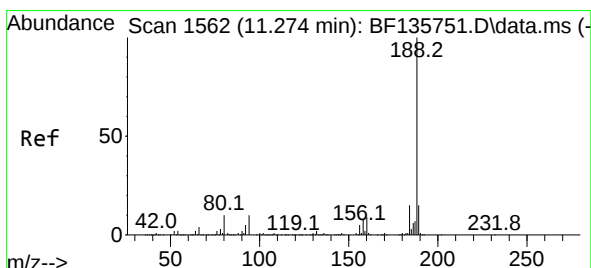
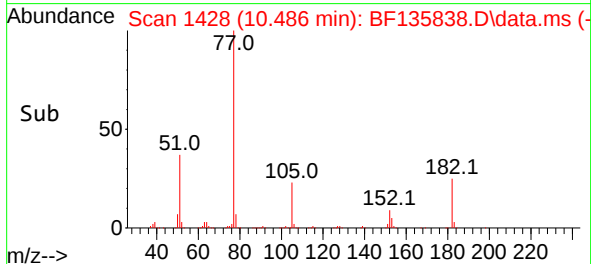
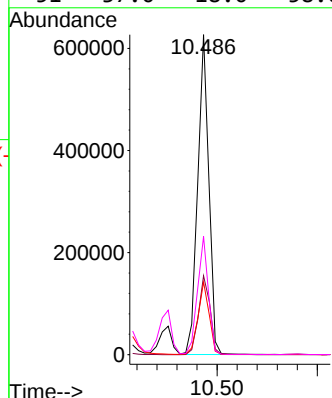
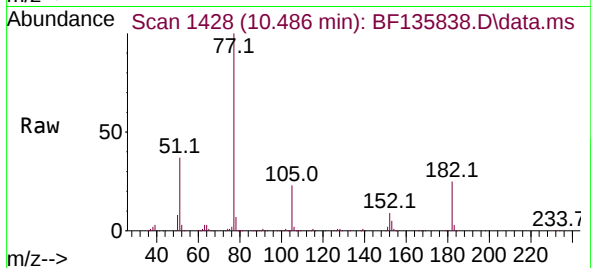




#63
Azobenzene
Concen: 41.178 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

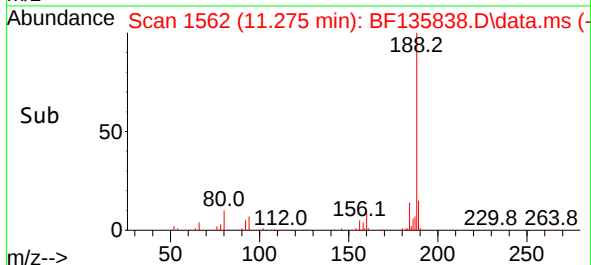
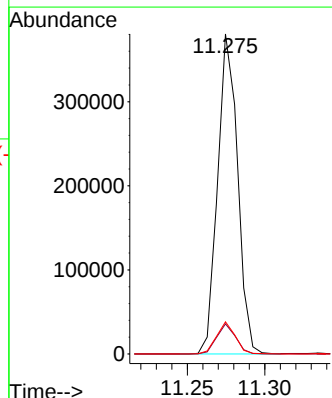
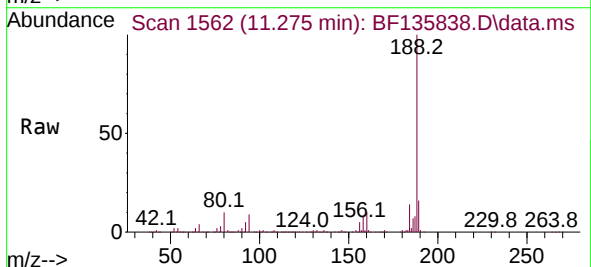
Instrument :
BNA_F
ClientSampleId :

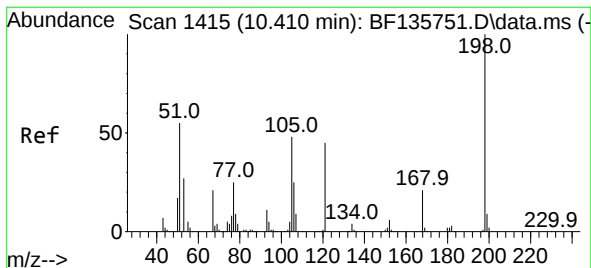
Tgt Ion: 77	Resp: 482082
Ion Ratio	Lower Upper
77 100	
182 24.7	3.5 43.5
105 22.7	2.2 42.2
51 37.0	18.0 58.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

Tgt Ion:188	Resp: 340988
Ion Ratio	Lower Upper
188 100	
94 9.4	8.0 12.0
80 10.0	8.3 12.5

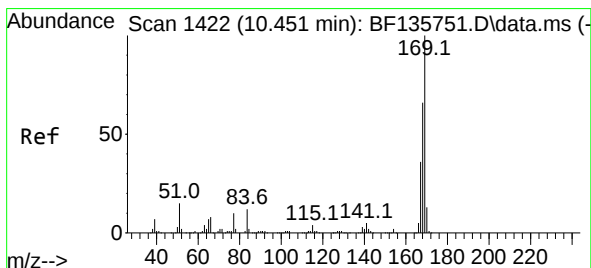
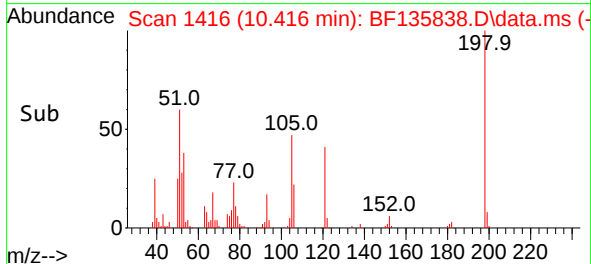
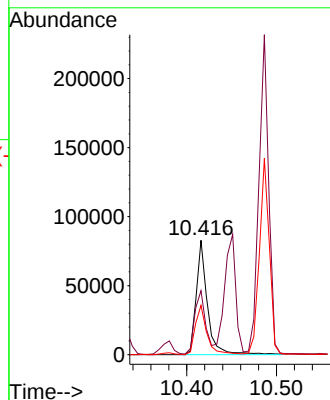
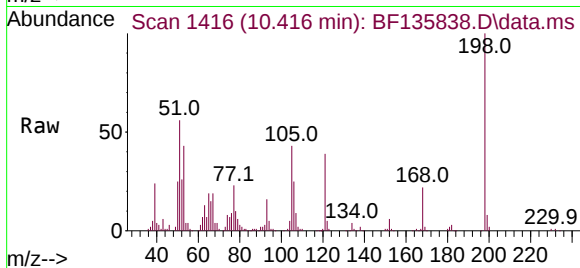




#65
4,6-Dinitro-2-methylphenol
Concen: 41.770 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

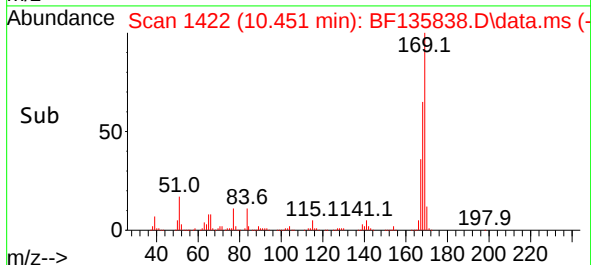
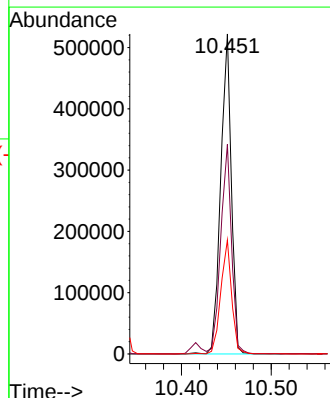
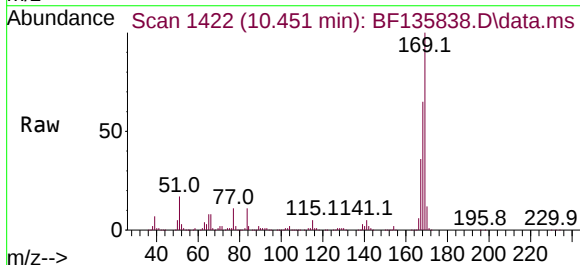
Instrument :
BNA_F
ClientSampleId :

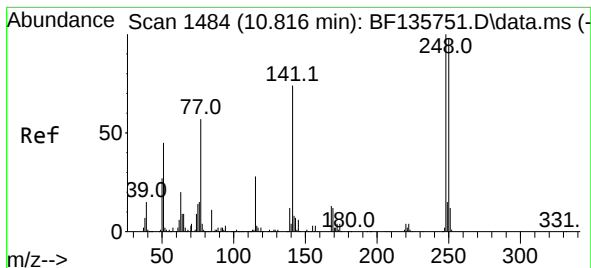
Tgt Ion:198 Resp: 71680
Ion Ratio Lower Upper
198 100
51 55.9 47.6 87.6
105 43.1 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 41.468 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

Tgt Ion:169 Resp: 430983
Ion Ratio Lower Upper
169 100
168 65.5 53.4 80.2
167 35.6 29.2 43.8

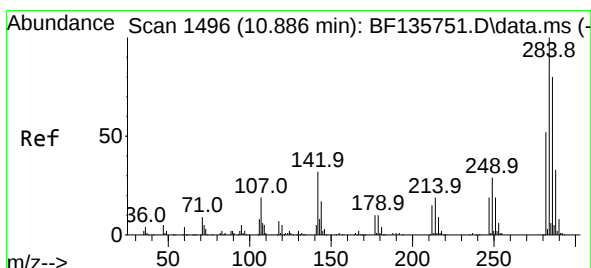
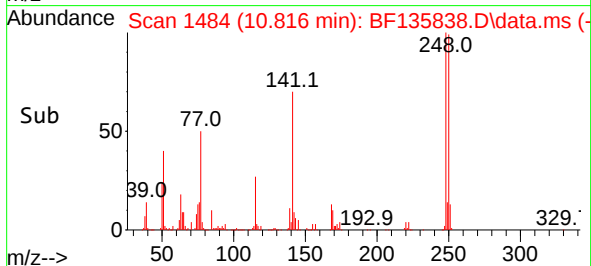
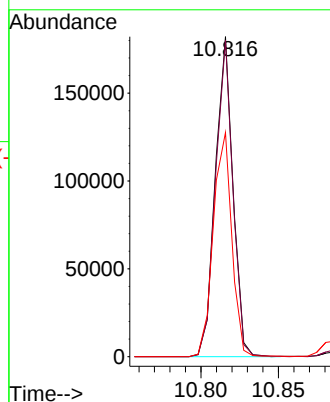
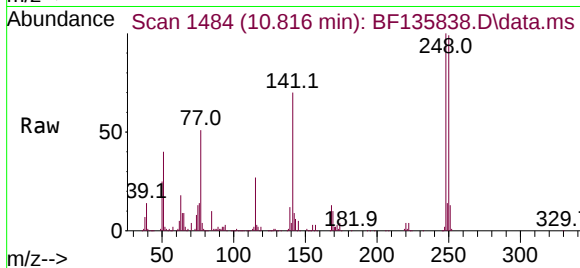




#67
4-Bromophenyl-phenylether
Concen: 42.024 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

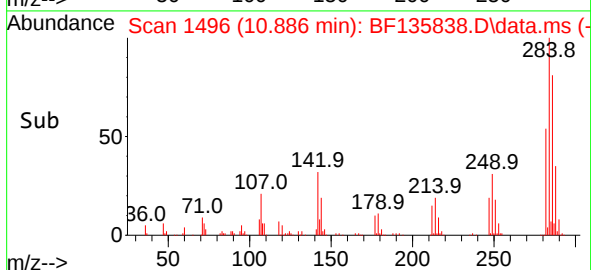
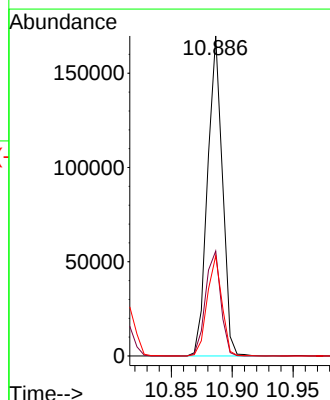
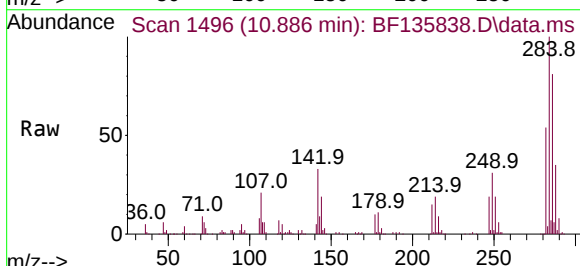
Instrument :
BNA_F
ClientSampleId :

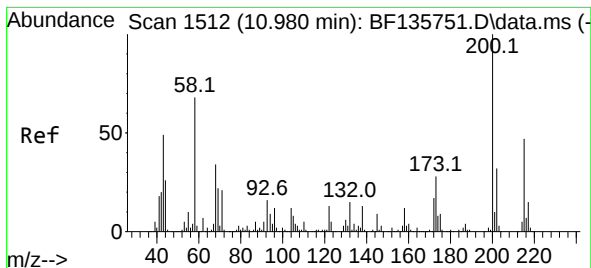
Tgt Ion:248 Resp: 143846
Ion Ratio Lower Upper
248 100
250 98.9 78.0 117.0
141 70.0 59.0 88.6



#68
Hexachlorobenzene
Concen: 41.096 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

Tgt Ion:284 Resp: 143216
Ion Ratio Lower Upper
284 100
142 32.8 25.3 37.9
249 31.3 23.5 35.3





#69

Atrazine

Concen: 40.951 ng

RT: 10.981 min Scan# 1512

Delta R.T. -0.006 min

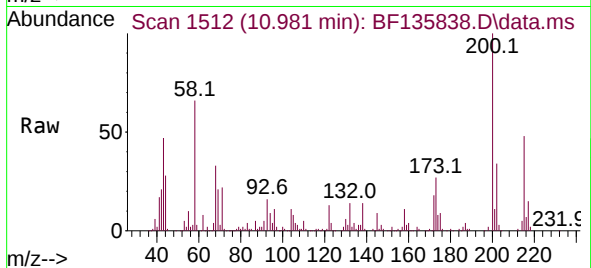
Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

Instrument :

BNA_F

ClientSampleId :



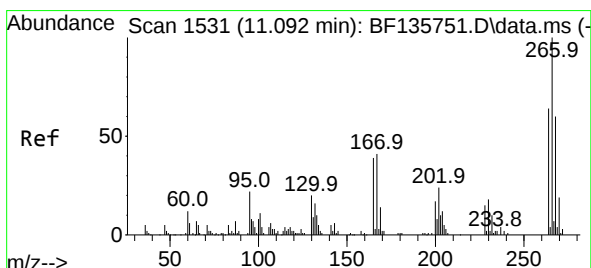
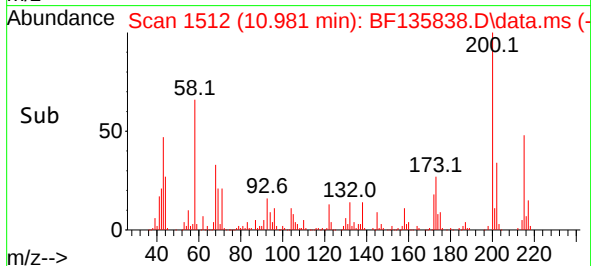
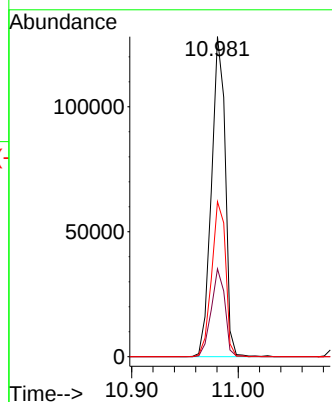
Tgt Ion:200 Resp: 115767

Ion Ratio Lower Upper

200 100

173 27.5 7.6 47.6

215 48.4 27.1 67.1



#70

Pentachlorophenol

Concen: 38.499 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

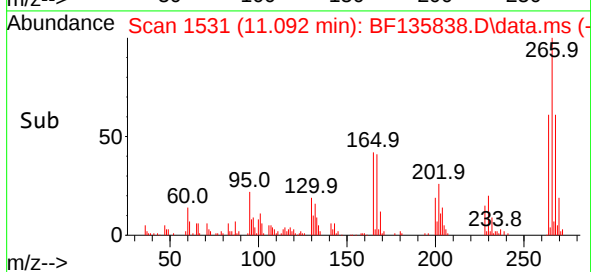
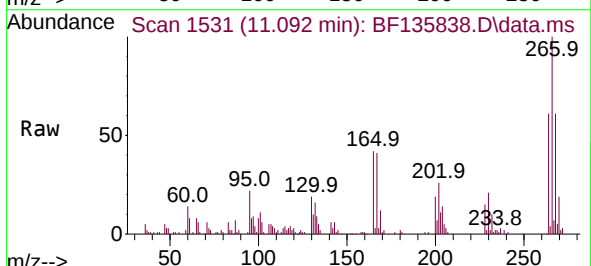
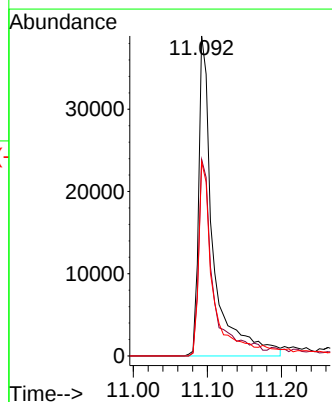
Tgt Ion:266 Resp: 52916

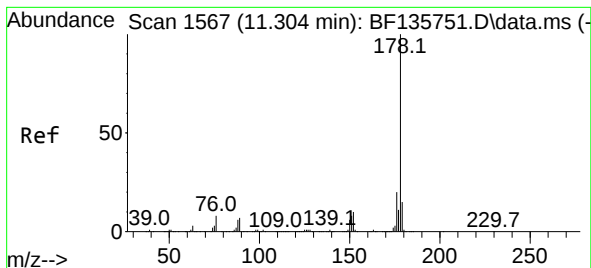
Ion Ratio Lower Upper

266 100

268 61.4 47.7 71.5

264 60.7 51.4 77.2





#71

Phenanthrene

Concen: 42.203 ng

RT: 11.304 min Scan# 1567

Delta R.T. -0.000 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

Instrument :

BNA_F

ClientSampleId :

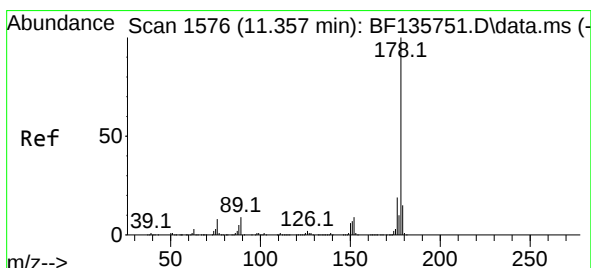
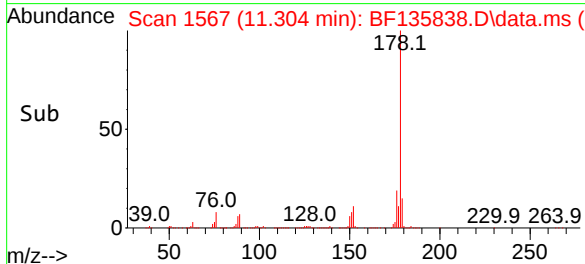
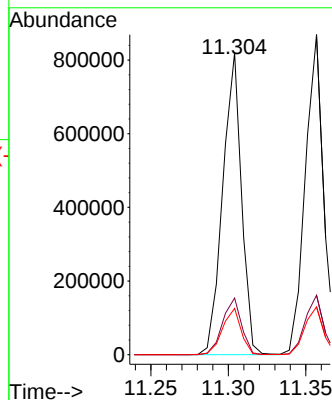
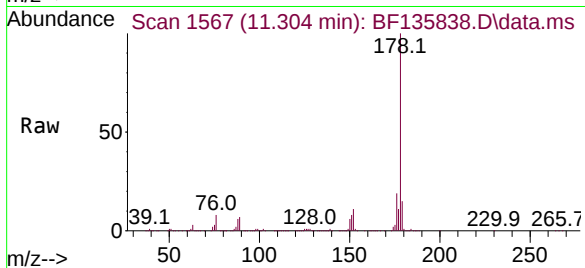
Tgt Ion:178 Resp: 689379

Ion Ratio Lower Upper

178 100

176 18.8 16.0 24.0

179 15.3 12.2 18.4



#72

Anthracene

Concen: 41.940 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

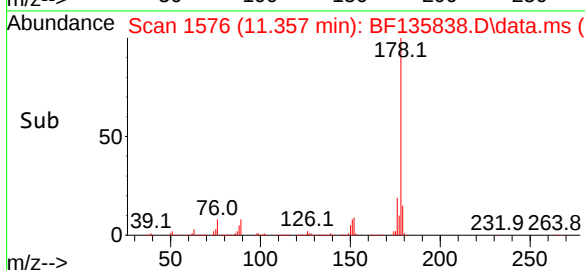
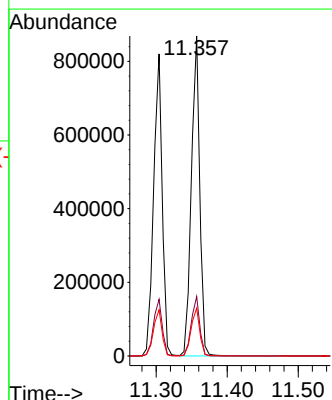
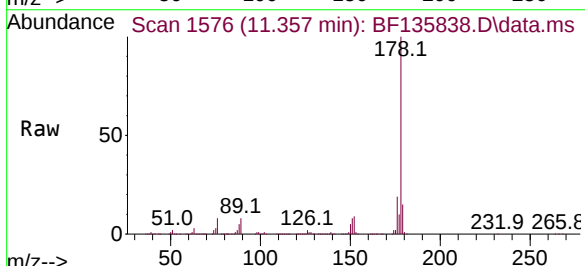
Tgt Ion:178 Resp: 709902

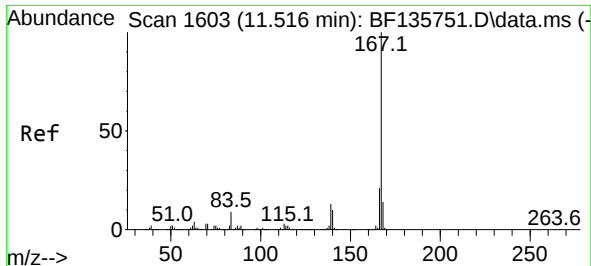
Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

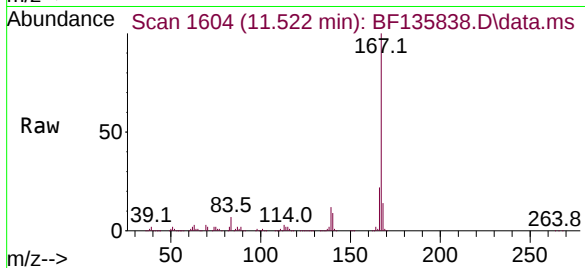
179 15.0 12.3 18.5



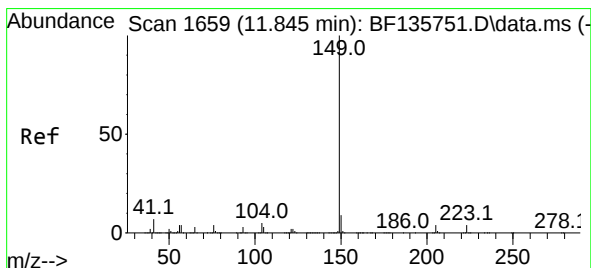
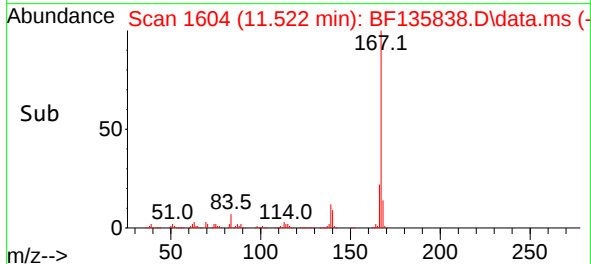
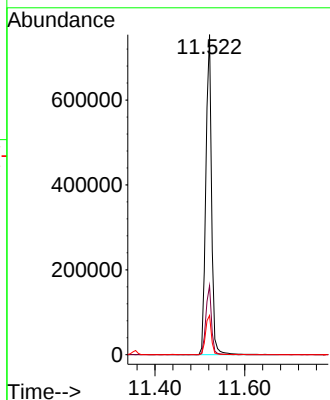


#73
 Carbazole
 Concen: 42.061 ng
 RT: 11.522 min Scan# 1604
 Delta R.T. -0.000 min
 Lab File: BF135838.D
 Acq: 18 Oct 2023 10:27

Instrument :
 BNA_F
 ClientSampleId :

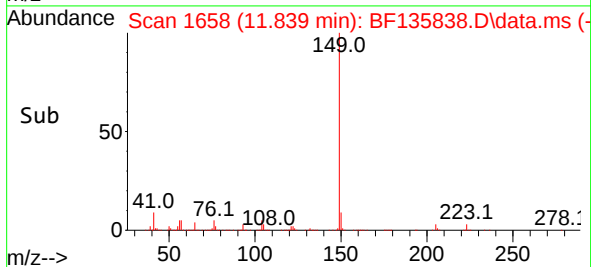
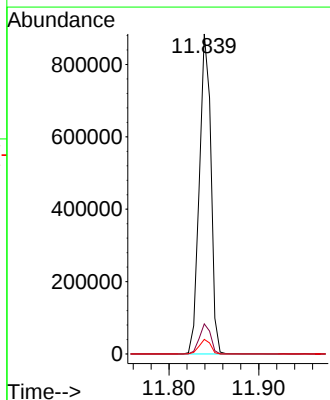
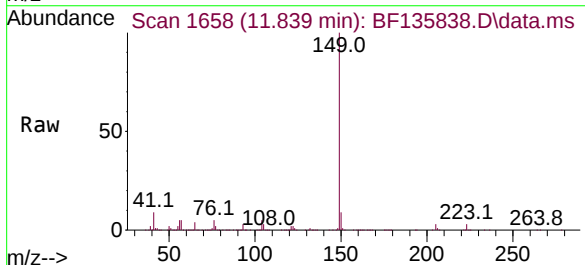


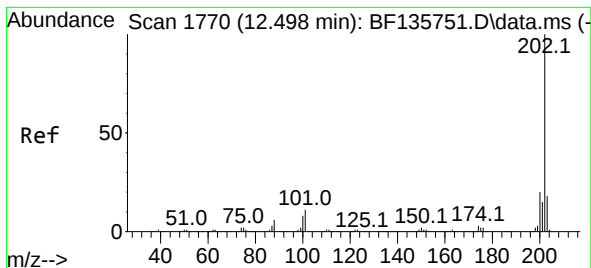
Tgt Ion:167 Resp: 663998
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 12.3 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 40.684 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. -0.006 min
 Lab File: BF135838.D
 Acq: 18 Oct 2023 10:27

Tgt Ion:149 Resp: 788556
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.6 3.7 5.5





#75

Fluoranthene

Concen: 41.676 ng

RT: 12.504 min Scan# 1771

Delta R.T. -0.000 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

Instrument :

BNA_F

ClientSampleId :

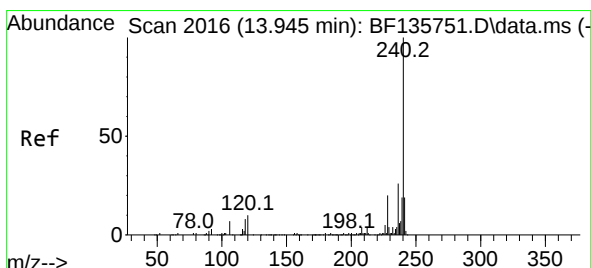
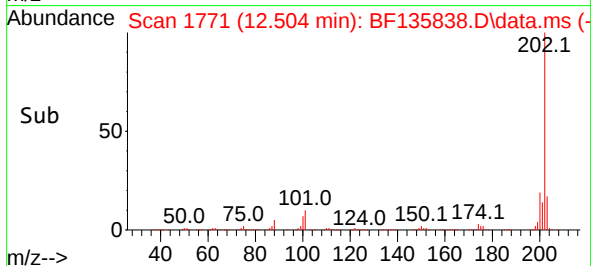
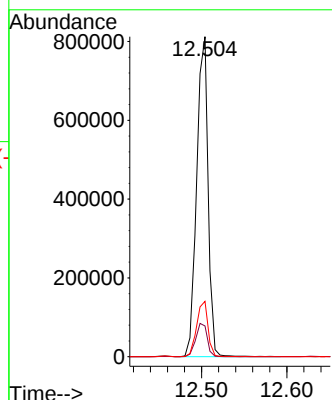
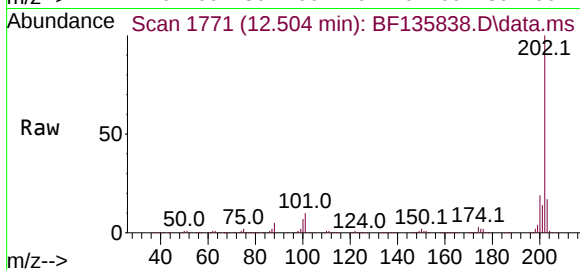
Tgt Ion:202 Resp: 755569

Ion Ratio Lower Upper

202 100

101 9.6 0.0 31.5

203 17.3 0.0 38.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

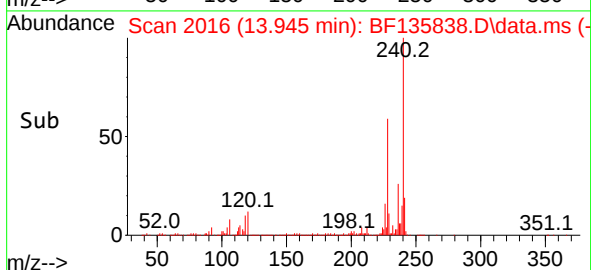
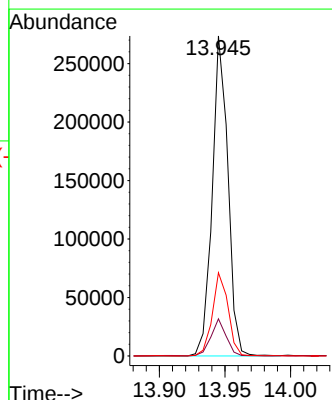
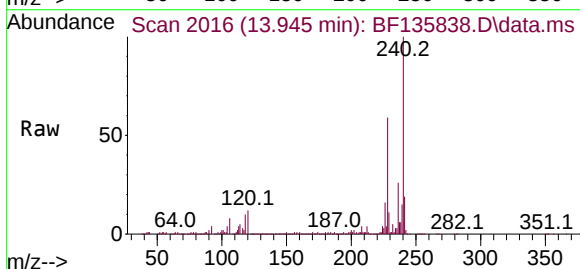
Tgt Ion:240 Resp: 227882

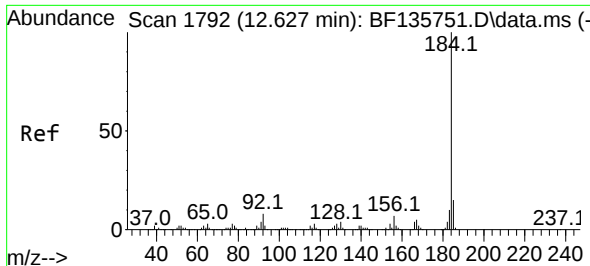
Ion Ratio Lower Upper

240 100

120 11.6 8.2 12.2

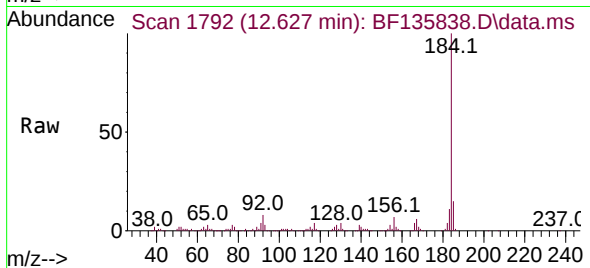
236 26.0 21.2 31.8



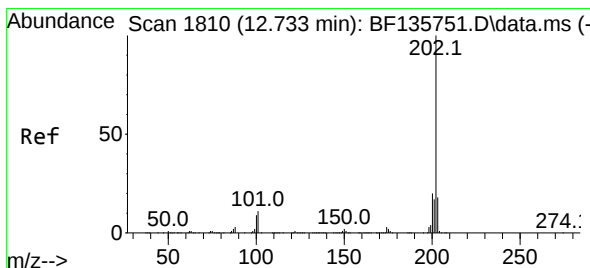
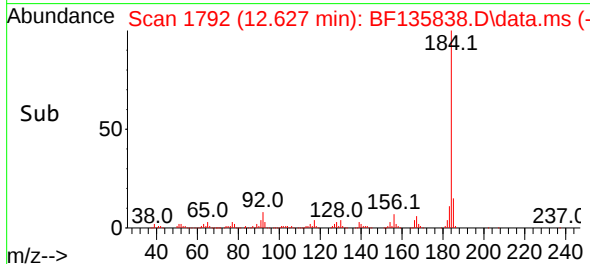
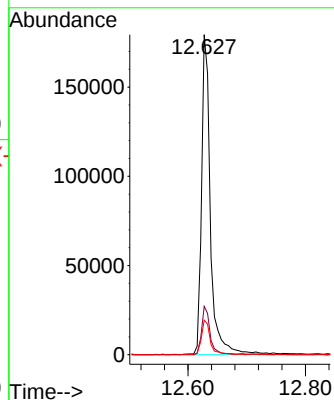


#77
Benzidine
Concen: 37.998 ng
RT: 12.627 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

Instrument :
BNA_F
ClientSampleId :

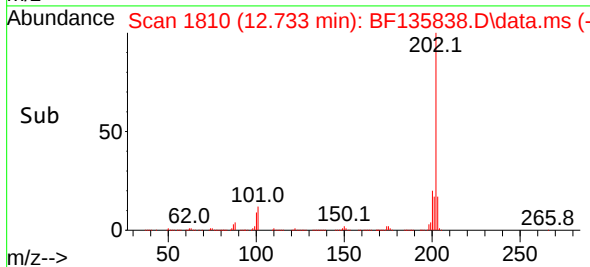
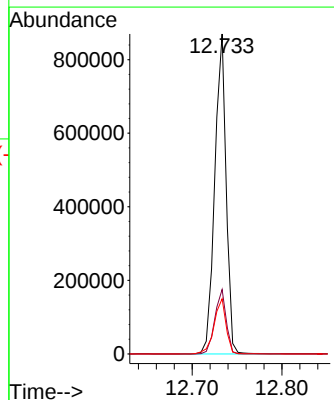
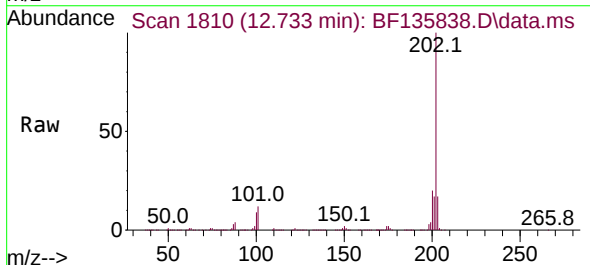


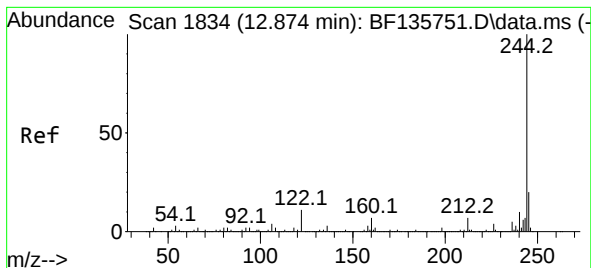
Tgt Ion:184 Resp: 188951
Ion Ratio Lower Upper
184 100
185 15.1 12.0 18.0
183 10.8 8.2 12.2



#78
Pyrene
Concen: 42.284 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

Tgt Ion:202 Resp: 765704
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.2 14.2 21.2





#79

Terphenyl-d14

Concen: 83.828 ng

RT: 12.874 min Scan# 1834

Delta R.T. -0.006 min

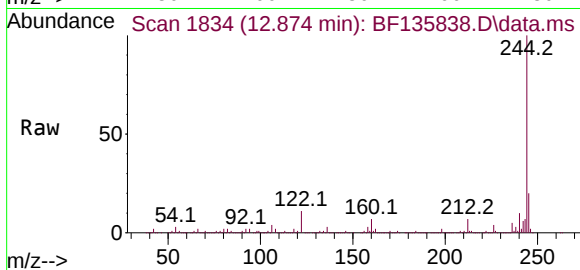
Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

Instrument :

BNA_F

ClientSampleId :



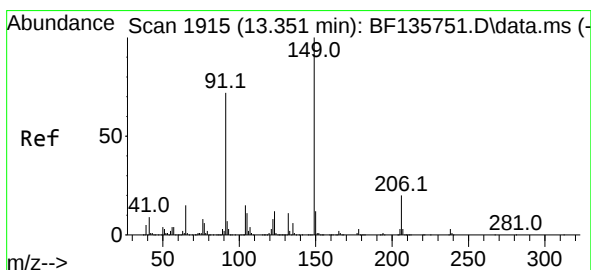
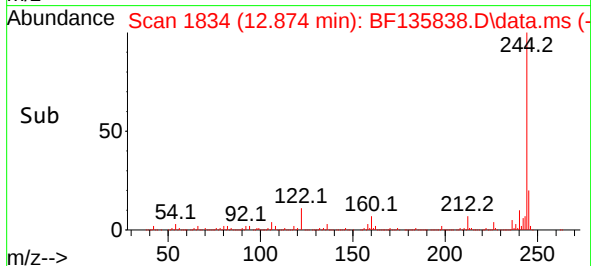
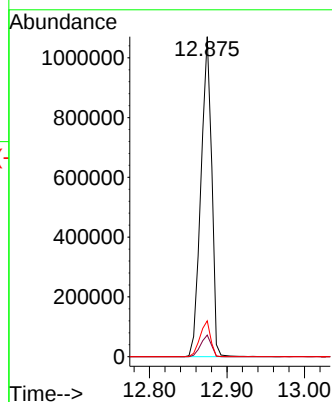
Tgt Ion:244 Resp: 1031526

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 11.2 9.0 13.6



#80

Butylbenzylphthalate

Concen: 39.996 ng

RT: 13.351 min Scan# 1915

Delta R.T. -0.006 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

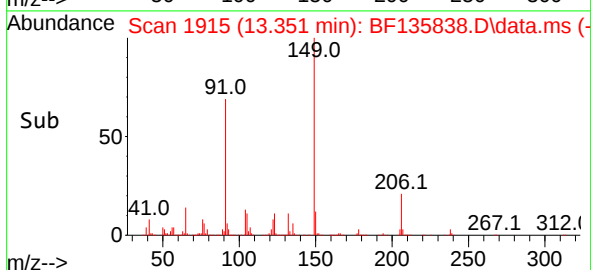
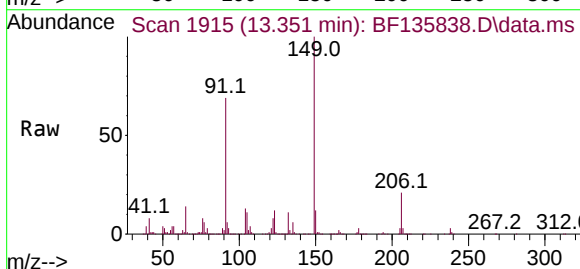
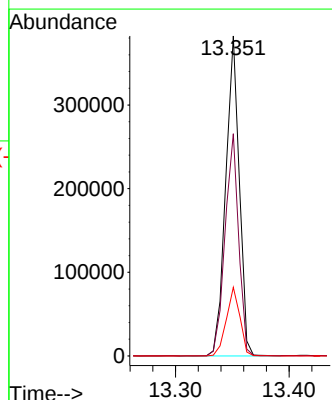
Tgt Ion:149 Resp: 318269

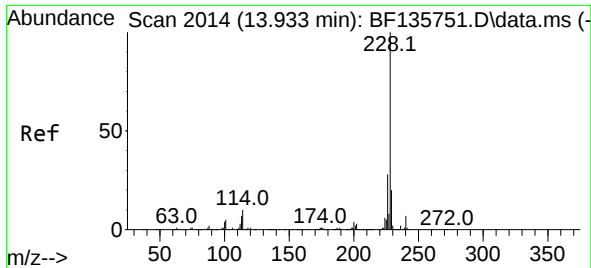
Ion Ratio Lower Upper

149 100

91 69.4 57.4 86.0

206 21.4 16.2 24.4

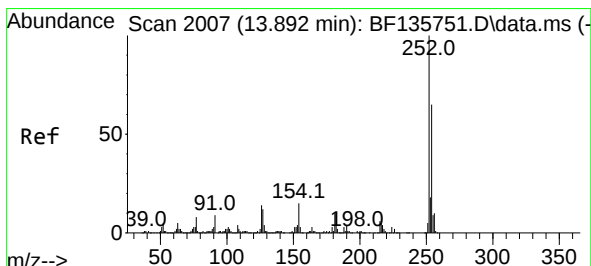
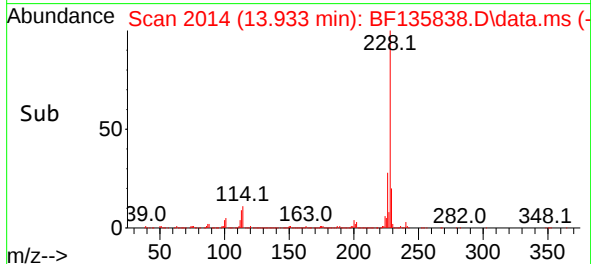
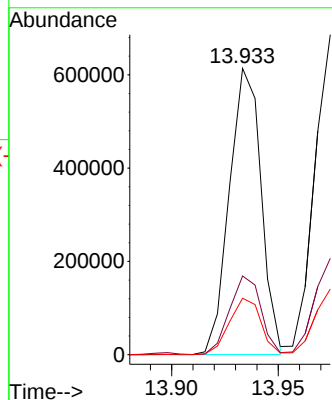
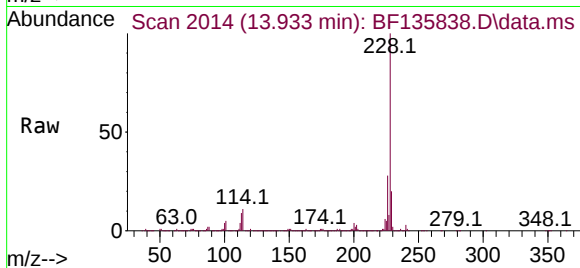




#81
Benzo(a)anthracene
Concen: 42.592 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

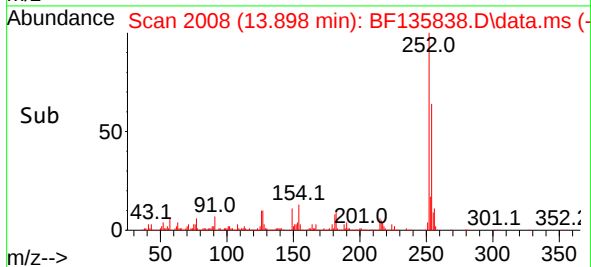
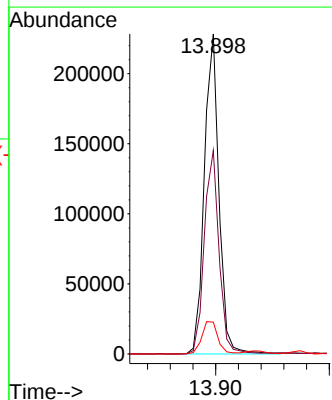
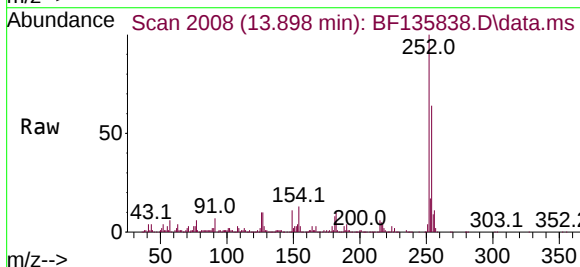
Instrument :
BNA_F
ClientSampleId :

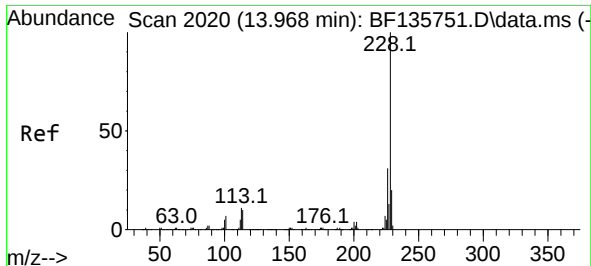
Tgt Ion:228 Resp: 637527
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.2
229 19.7 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 41.060 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

Tgt Ion:252 Resp: 203831
Ion Ratio Lower Upper
252 100
254 63.6 51.8 77.6
126 10.0 11.0 16.4#

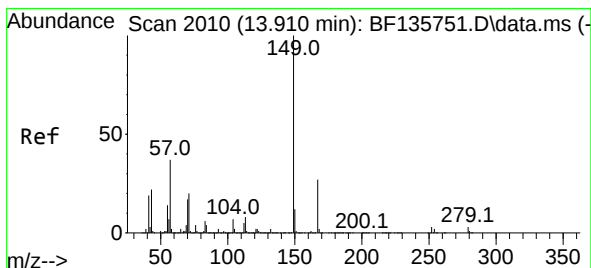
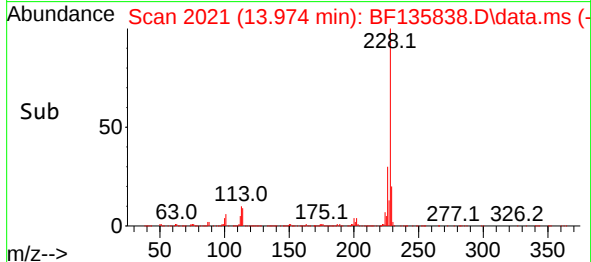
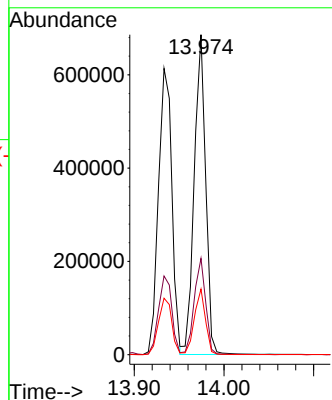
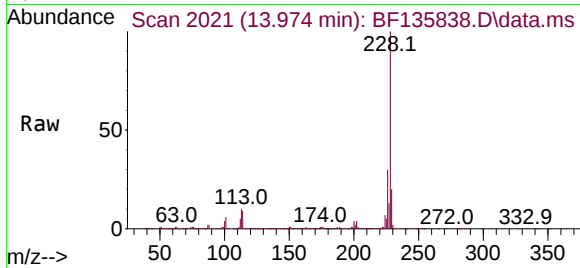




#83
Chrysene
Concen: 41.931 ng
RT: 13.974 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

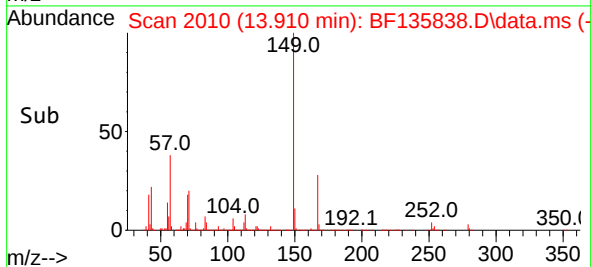
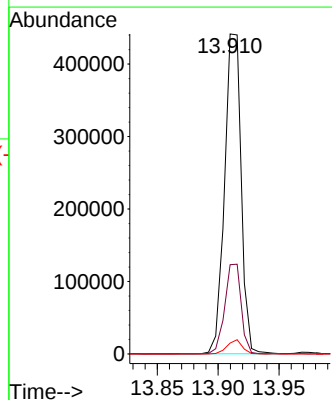
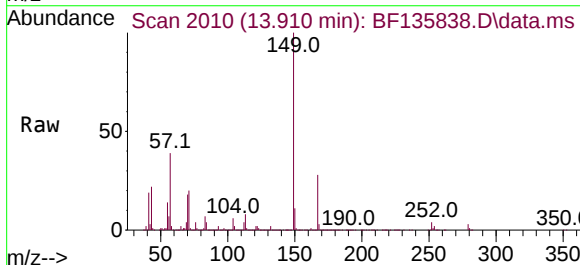
Instrument :
BNA_F
ClientSampleId :

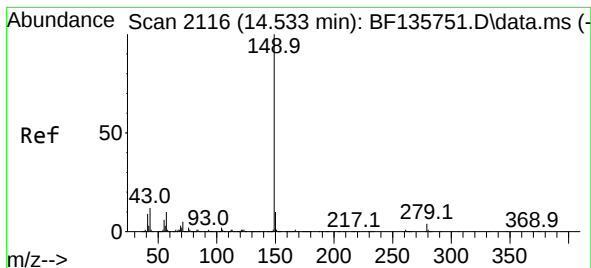
Tgt Ion:228 Resp: 607912
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 20.5 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.017 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF135838.D
Acq: 18 Oct 2023 10:27

Tgt Ion:149 Resp: 420804
Ion Ratio Lower Upper
149 100
167 27.9 21.3 31.9
279 3.4 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 37.138 ng

RT: 14.533 min Scan# 2116

Delta R.T. -0.000 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

Instrument :

BNA_F

ClientSampleId :

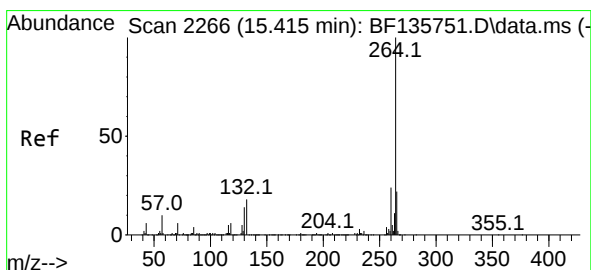
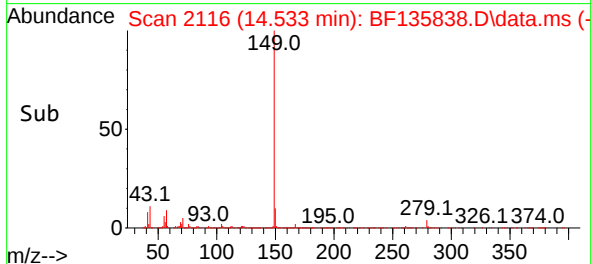
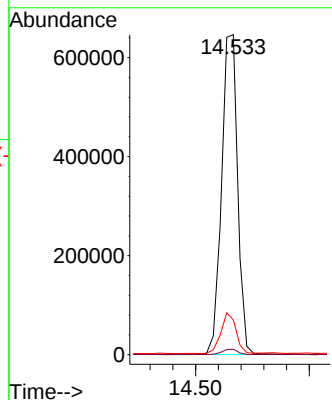
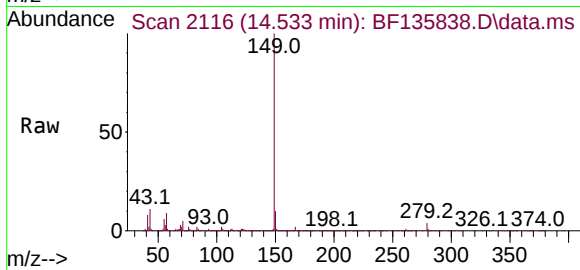
Tgt Ion:149 Resp: 635137

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

43 12.0 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: BF135838.D

Acq: 18 Oct 2023 10:27

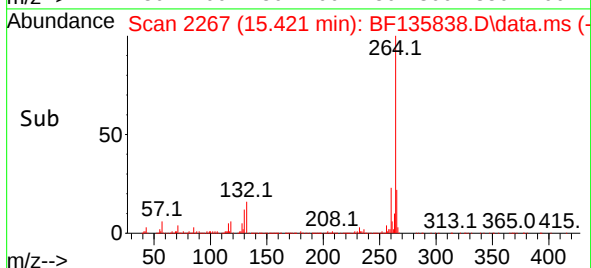
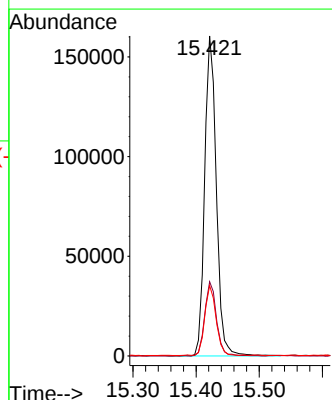
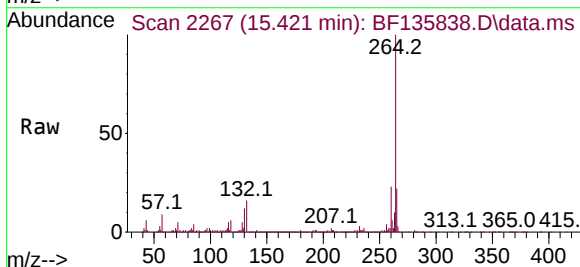
Tgt Ion:264 Resp: 206413

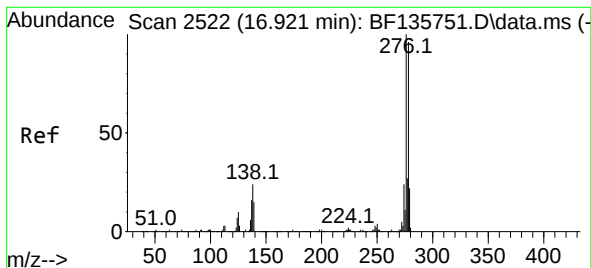
Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.844 ng

RT: 16.939 min Scan# 2194

Delta R.T. 0.006 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

Instrument :

BNA_F

ClientSampleId :

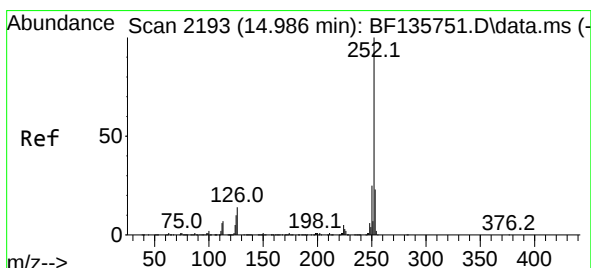
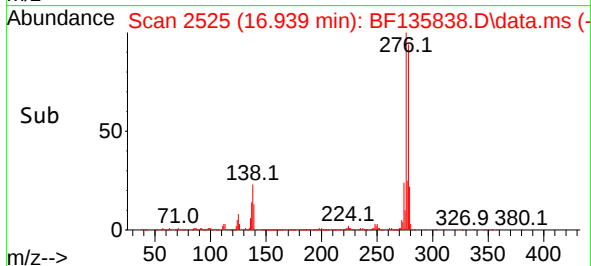
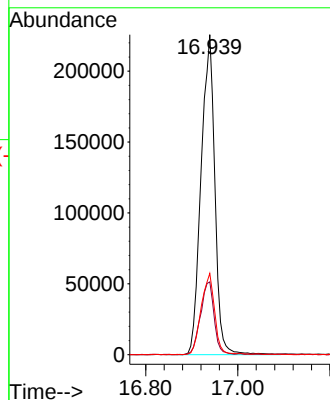
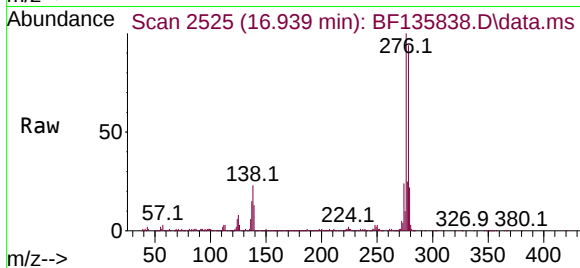
Tgt Ion:276 Resp: 470615

Ion Ratio Lower Upper

276 100

138 22.5 19.8 29.6

277 25.0 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 40.663 ng

RT: 14.992 min Scan# 2194

Delta R.T. -0.000 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

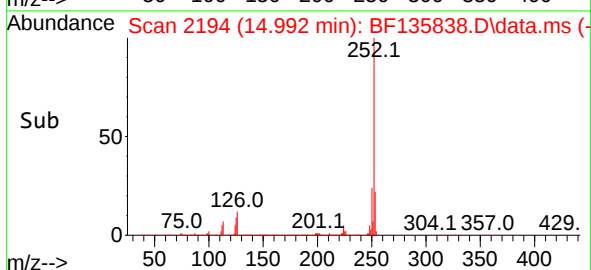
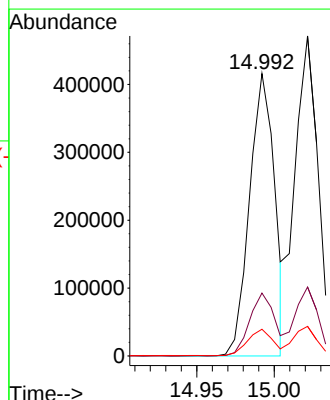
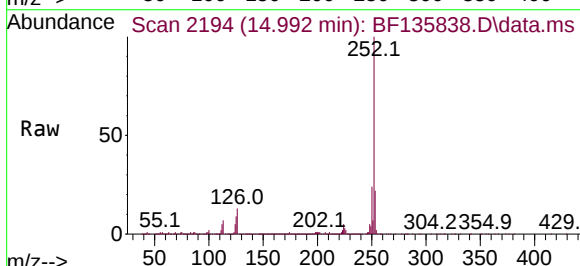
Tgt Ion:252 Resp: 469751

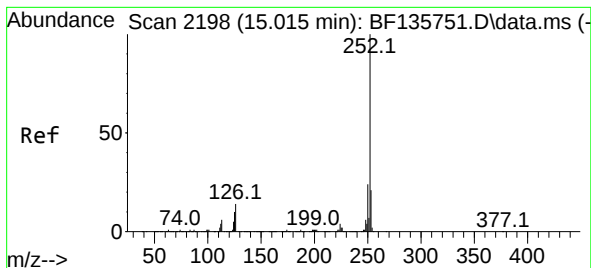
Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

125 9.5 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 44.083 ng

RT: 15.021 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

Instrument :

BNA_F

ClientSampleId :

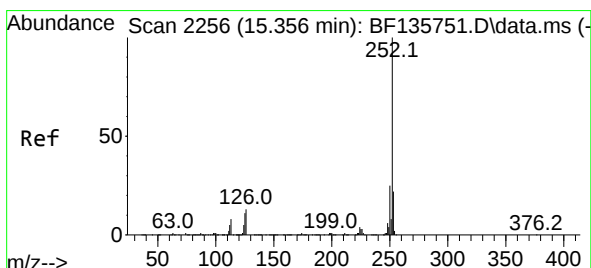
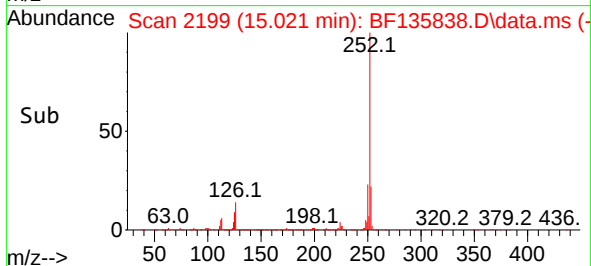
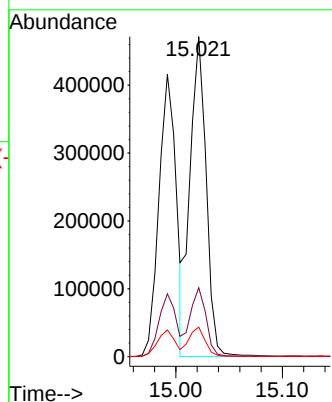
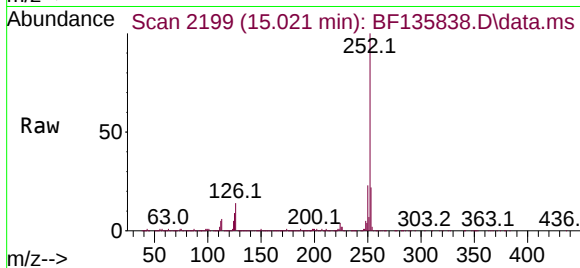
Tgt Ion:252 Resp: 494418

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 9.3 8.3 12.5



#90

Benzo(a)pyrene

Concen: 40.972 ng

RT: 15.363 min Scan# 2257

Delta R.T. -0.000 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

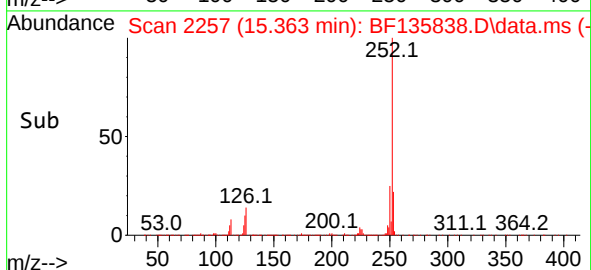
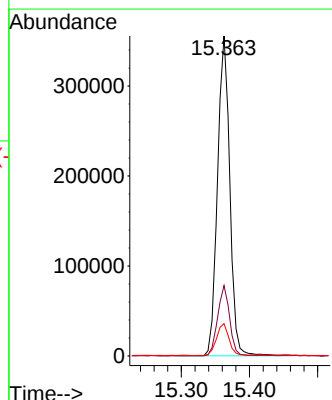
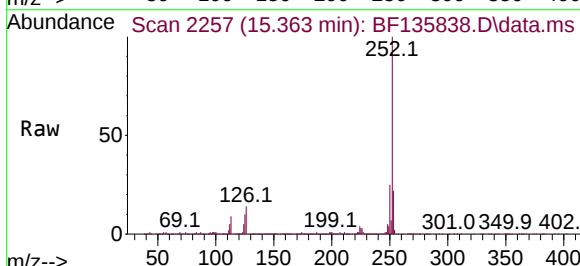
Tgt Ion:252 Resp: 445079

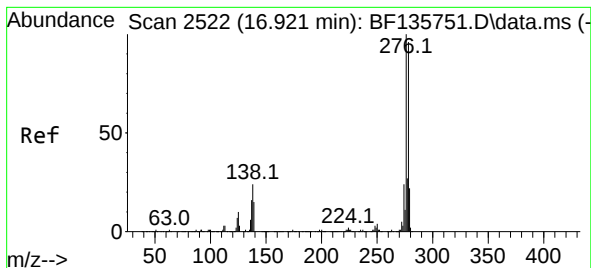
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 10.1 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 41.597 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

Instrument :

BNA_F

ClientSampleId :

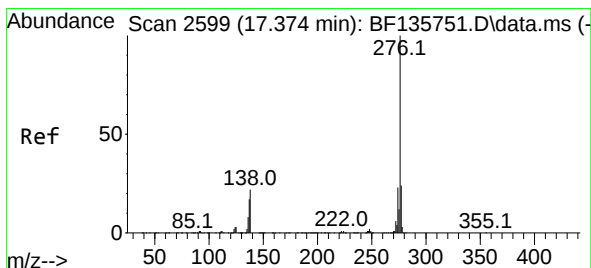
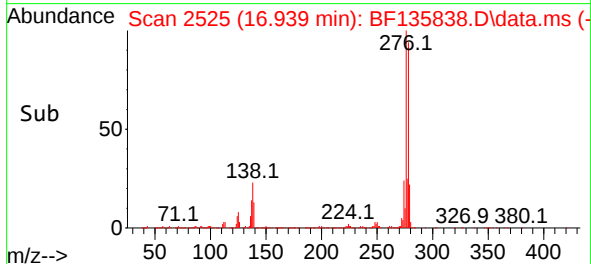
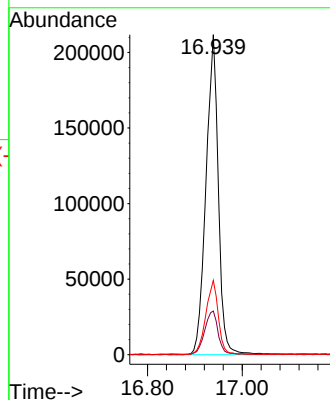
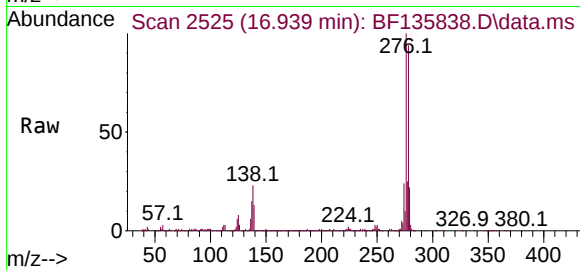
Tgt Ion:278 Resp: 383521

Ion Ratio Lower Upper

278 100

139 13.6 12.5 18.7

279 23.2 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 45.049 ng

RT: 17.392 min Scan# 2602

Delta R.T. 0.006 min

Lab File: BF135838.D

Acq: 18 Oct 2023 10:27

Tgt Ion:276 Resp: 426652

Ion Ratio Lower Upper

276 100

277 24.6 19.4 29.2

138 19.2 17.3 25.9

