

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135188.D
 Acq On : 12 Sep 2023 18:48
 Operator : CG\JU
 Sample : 04305-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 02:43:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	112610	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	435545	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	229278	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	468853	20.000	ng	0.00
76) Chrysene-d12	13.951	240	255879	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	228242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	868952	125.504	ng	0.03
7) Phenol-d6	6.416	99	1049212	119.176	ng	0.01
23) Nitrobenzene-d5	7.334	82	745283	92.966	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	327584	143.774	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1348655	88.746	ng	0.00
79) Terphenyl-d14	12.892	244	1452198	87.979	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	121920	40.169	ng	# 82
3) Pyridine	3.428	79	280634	34.354	ng	97
4) n-Nitrosodimethylamine	3.357	42	202555	46.727	ng	97
6) Aniline	6.434	93	238566	20.664	ng	# 73
8) 2-Chlorophenol	6.551	128	359929	48.698	ng	99
9) Benzaldehyde	6.322	77	88970	17.739	ng	99
10) Phenol	6.428	94	385514	39.934	ng	98
11) bis(2-Chloroethyl)ether	6.510	93	368163	50.841	ng	99
12) 1,3-Dichlorobenzene	6.704	146	343748	45.763	ng	98
13) 1,4-Dichlorobenzene	6.781	146	350651	45.884	ng	98
14) 1,2-Dichlorobenzene	6.934	146	337530	47.560	ng	99
15) Benzyl Alcohol	6.916	79	315120	49.880	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.045	45	624767	45.772	ng	96
17) 2-Methylphenol	7.028	107	288242	44.193	ng	97
18) Hexachloroethane	7.269	117	131587	46.601	ng	91
19) n-Nitroso-di-n-propyla...	7.187	70	248697	45.607	ng	98
20) 3+4-Methylphenols	7.181	107	332424	42.386	ng	98
22) Acetophenone	7.181	105	481114	48.316	ng	99
24) Nitrobenzene	7.351	77	380637	48.038	ng	100
25) Isophorone	7.592	82	709152	48.173	ng	99
26) 2-Nitrophenol	7.663	139	192079	50.508	ng	98
27) 2,4-Dimethylphenol	7.704	122	285584	44.676	ng	99
28) bis(2-Chloroethoxy)met...	7.798	93	435176	49.391	ng	99
29) 2,4-Dichlorophenol	7.904	162	297440	50.216	ng	99
30) 1,2,4-Trichlorobenzene	7.987	180	302710	48.894	ng	99
31) Naphthalene	8.063	128	1016387	48.029	ng	99
32) Benzoic acid	7.828	122	141938	29.488	ng	94
33) 4-Chloroaniline	8.116	127	156892	16.898	ng	98
34) Hexachlorobutadiene	8.181	225	179484	48.079	ng	98
35) Caprolactam	8.498	113	46681	23.482	ng	96
36) 4-Chloro-3-methylphenol	8.610	107	334832	50.862	ng	98
37) 2-Methylnaphthalene	8.757	142	655280	46.066	ng	100
38) 1-Methylnaphthalene	8.857	142	638230	47.923	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	313448	47.189	ng	99
41) Hexachlorocyclopentadiene	8.910	237	250488	85.068	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	217262	49.956	ng	99

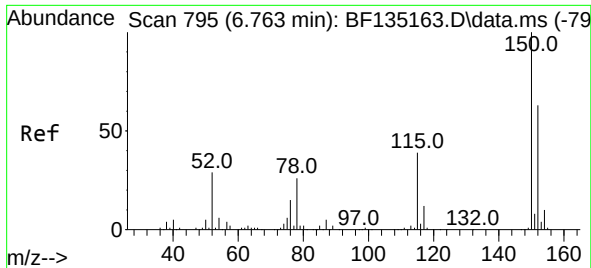
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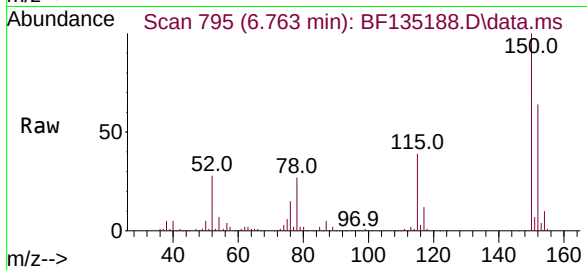
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	243750	48.668	ng	98
46) 1,1'-Biphenyl	9.228	154	843098	47.850	ng	100
47) 2-Chloronaphthalene	9.251	162	632680	49.490	ng	99
48) 2-Nitroaniline	9.351	65	248842	50.103	ng	97
49) Acenaphthylene	9.669	152	1067055	50.223	ng	100
50) Dimethylphthalate	9.534	163	793683	51.200	ng	99
51) 2,6-Dinitrotoluene	9.598	165	170557	50.225	ng	88
52) Acenaphthene	9.839	154	602997	48.043	ng	98
53) 3-Nitroaniline	9.763	138	141061	35.387	ng	97
54) 2,4-Dinitrophenol	9.875	184	121585	64.391	ng	92
55) Dibenzofuran	10.010	168	901109	47.048	ng	98
56) 4-Nitrophenol	9.939	139	255878	101.001	ng	96
57) 2,4-Dinitrotoluene	10.004	165	209533	49.286	ng	# 90
58) Fluorene	10.357	166	705829	47.937	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	200269	51.982	ng	99
60) Diethylphthalate	10.239	149	770885	49.552	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	332530	47.015	ng	100
62) 4-Nitroaniline	10.386	138	192896	50.342	ng	98
63) Azobenzene	10.510	77	743882	48.857	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	97873	39.303	ng	90
66) n-Nitrosodiphenylamine	10.475	169	661907	46.632	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	222280	47.668	ng	98
68) Hexachlorobenzene	10.904	284	238194	50.140	ng	97
69) Atrazine	11.004	200	214803	56.241	ng	99
70) Pentachlorophenol	11.104	266	268949	94.624	ng	97
71) Phenanthrene	11.322	178	1067141	48.124	ng	99
72) Anthracene	11.375	178	1087339	47.704	ng	99
73) Carbazole	11.533	167	1025469	49.422	ng	99
74) Di-n-butylphthalate	11.863	149	1230895	50.344	ng	99
75) Fluoranthene	12.516	202	1162922	50.330	ng	98
77) Benzidine	12.639	184	273505	52.174	ng	99
78) Pyrene	12.745	202	1143721	46.948	ng	100
80) Butylbenzylphthalate	13.369	149	462396	53.909	ng	96
81) Benzo(a)anthracene	13.939	228	801308	48.497	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	205459	39.810	ng	99
83) Chrysene	13.974	228	792072	48.216	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	487693	55.408	ng	99
85) Di-n-octyl phthalate	14.551	149	744047	53.192	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	739308	49.402	ng	99
88) Benzo(b)fluoranthene	14.986	252	638618	51.687	ng	99
89) Benzo(k)fluoranthene	15.016	252	591389	48.454	ng	98
90) Benzo(a)pyrene	15.351	252	550914	46.756	ng	97
91) Dibenzo(a,h)anthracene	16.904	278	598213	48.855	ng	98
92) Benzo(g,h,i)perylene	17.339	276	638651	49.942	ng	100

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

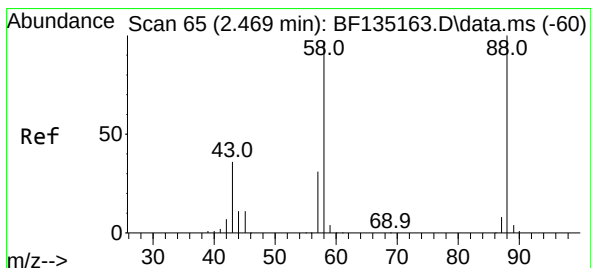
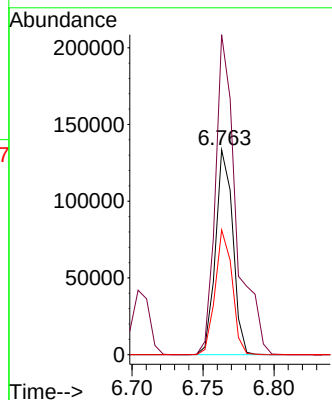
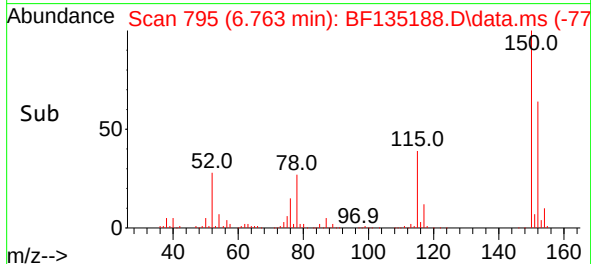


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135188.D
 Acq: 12 Sep 2023 18:48

Instrument :
 BNA_F
 ClientSampleId :

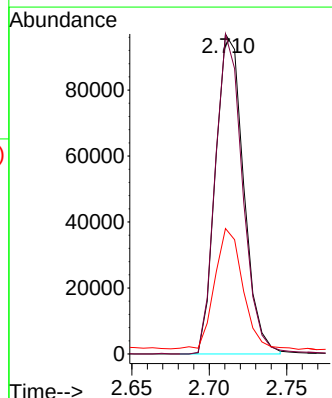
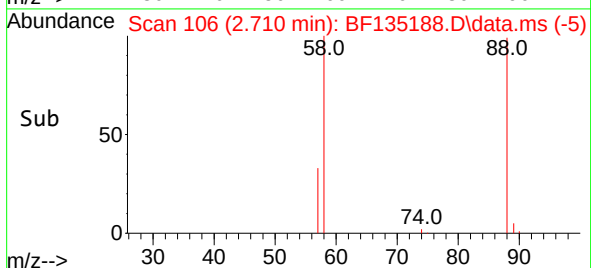
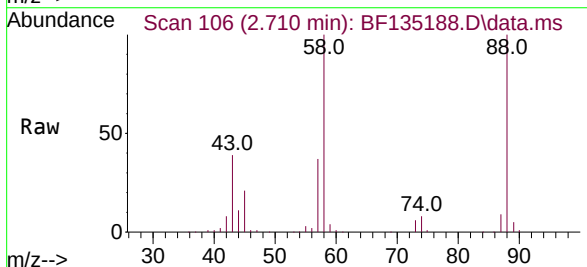


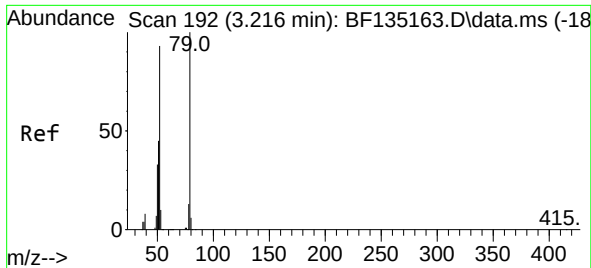
Tgt Ion:152 Resp: 112610
 Ion Ratio Lower Upper
 152 100
 150 156.3 127.8 191.6
 115 61.0 49.8 74.8



#2
 1,4-Dioxane
 Concen: 40.169 ng
 RT: 2.710 min Scan# 106
 Delta R.T. 0.241 min
 Lab File: BF135188.D
 Acq: 12 Sep 2023 18:48

Tgt Ion: 88 Resp: 121920
 Ion Ratio Lower Upper
 88 100
 58 97.0 78.3 117.5
 43 0.0 29.4 44.0#

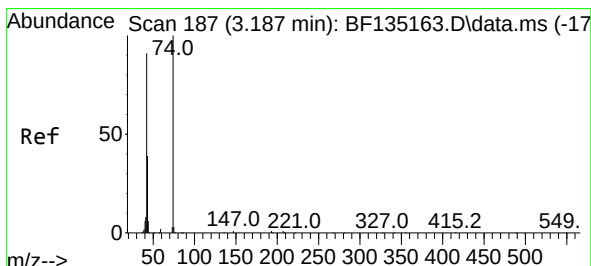
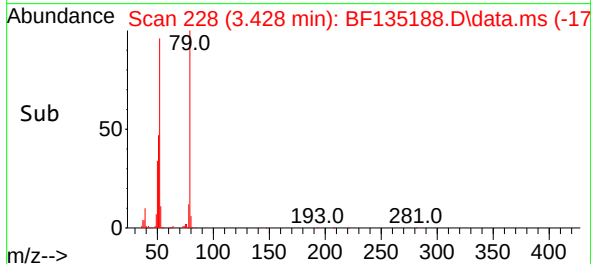
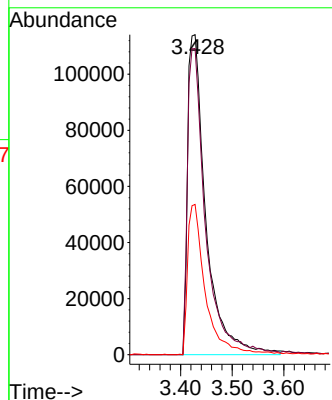
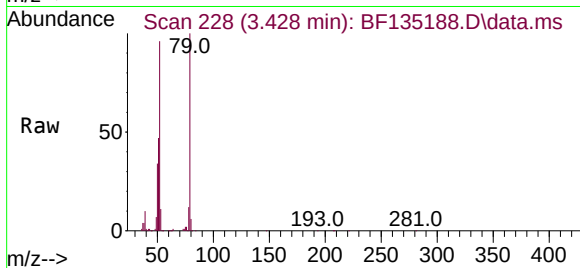




#3
 Pyridine
 Concen: 34.354 ng
 RT: 3.428 min Scan# 21
 Delta R.T. 0.212 min
 Lab File: BF135188.D
 Acq: 12 Sep 2023 18:48

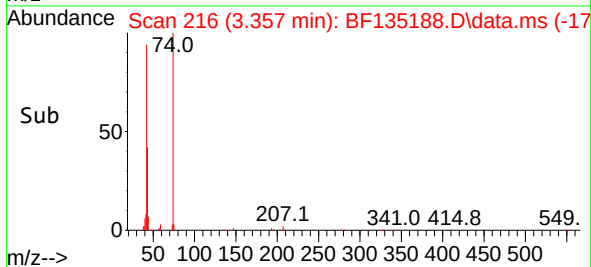
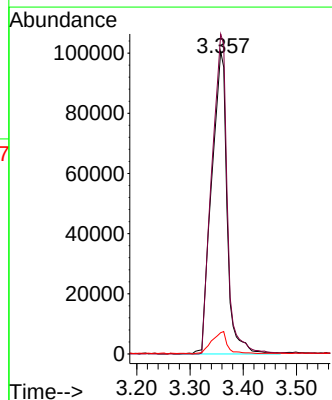
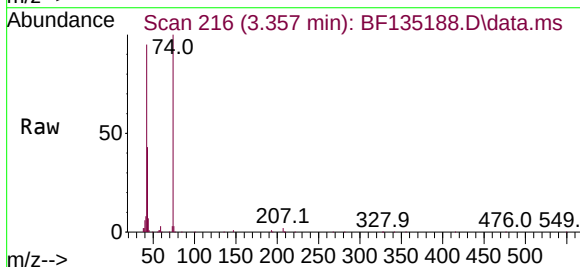
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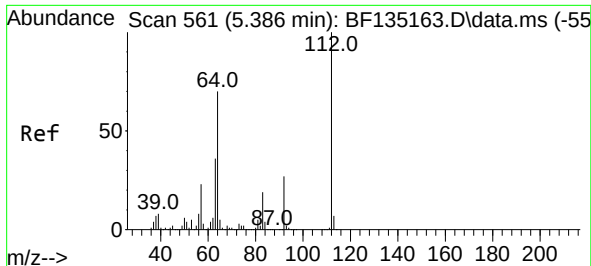
Tgt Ion: 79 Resp: 280634
 Ion Ratio Lower Upper
 79 100
 52 95.6 74.1 111.1
 51 46.9 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 46.727 ng
 RT: 3.357 min Scan# 216
 Delta R.T. 0.171 min
 Lab File: BF135188.D
 Acq: 12 Sep 2023 18:48

Tgt Ion: 42 Resp: 202555
 Ion Ratio Lower Upper
 42 100
 74 105.7 87.7 131.5
 44 7.0 5.6 8.4

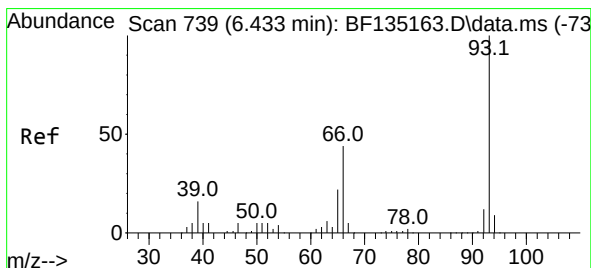
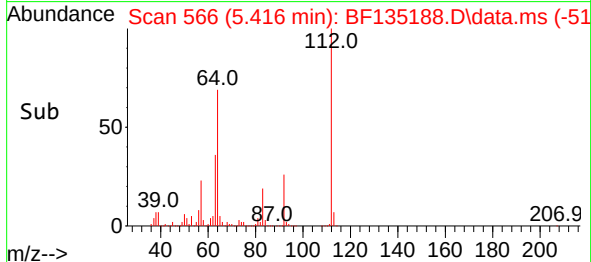
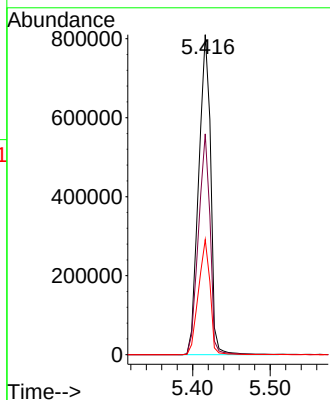
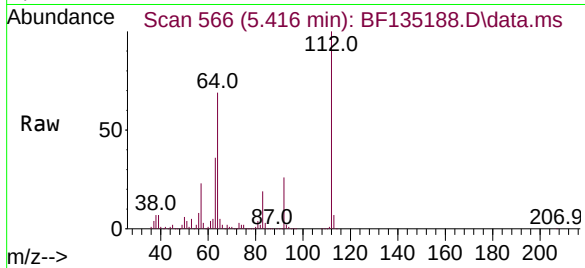




#5
2-Fluorophenol
Concen: 125.504 ng
RT: 5.416 min Scan# 501
Delta R.T. 0.030 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

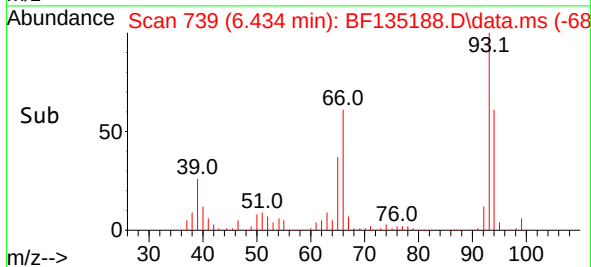
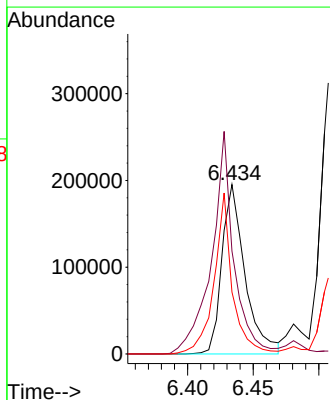
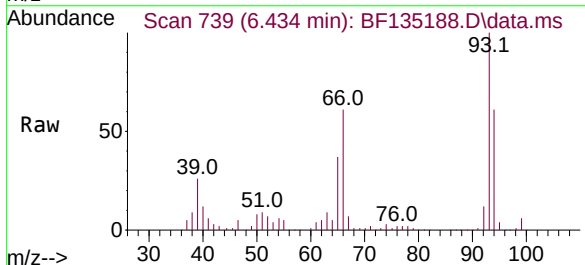
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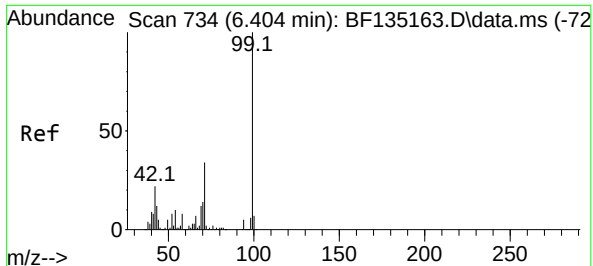
Tgt Ion:112 Resp: 868952
Ion Ratio Lower Upper
112 100
64 69.0 55.9 83.9
63 35.9 29.0 43.6



#6
Aniline
Concen: 20.664 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Tgt Ion: 93 Resp: 238566
Ion Ratio Lower Upper
93 100
66 60.7 35.4 53.0#
65 36.5 17.8 26.8#





#7

Phenol-d6

Concen: 119.176 ng

RT: 6.416 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

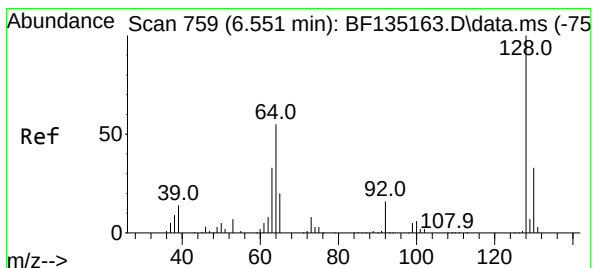
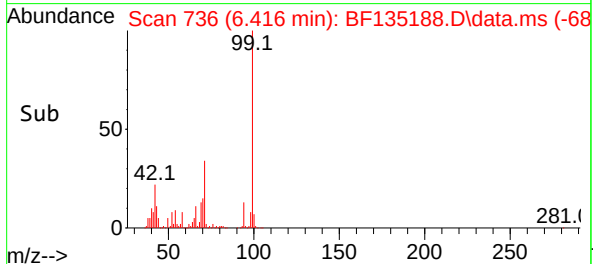
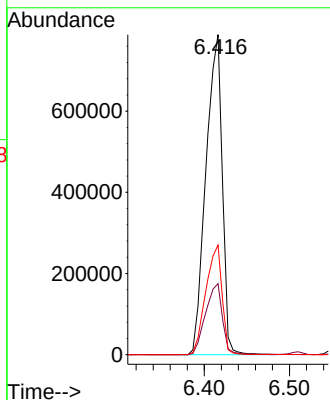
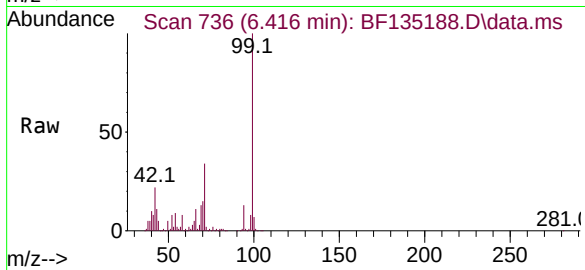
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 99 Resp: 1049212

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.9	26.9
71	34.3	27.0	40.6



#8

2-Chlorophenol

Concen: 48.698 ng

RT: 6.551 min Scan# 759

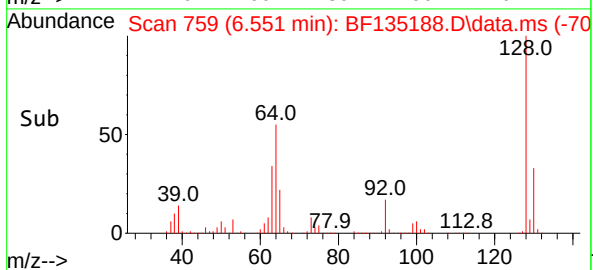
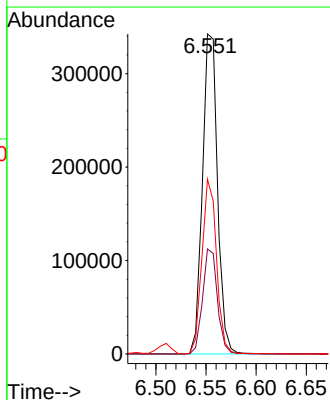
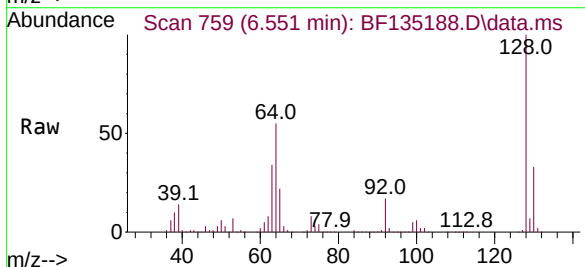
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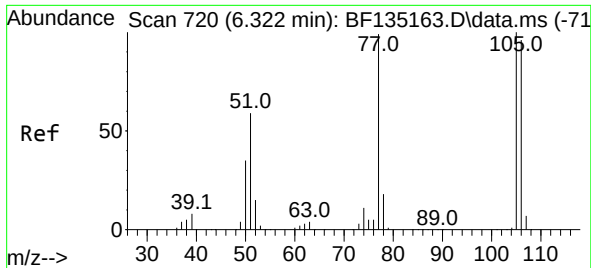
Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Tgt Ion:128 Resp: 359929

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.7	52.7
64	54.7	35.9	75.9





#9

Benzaldehyde

Concen: 17.739 ng

RT: 6.322 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

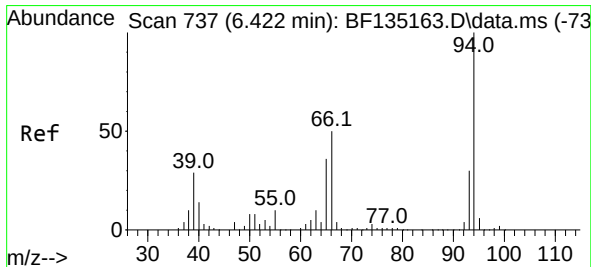
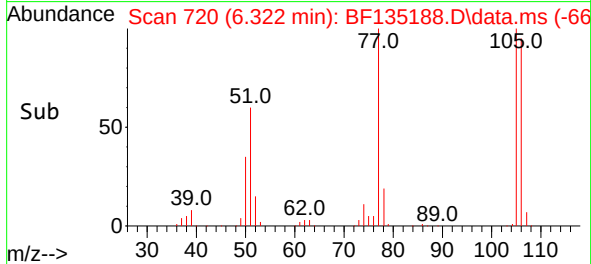
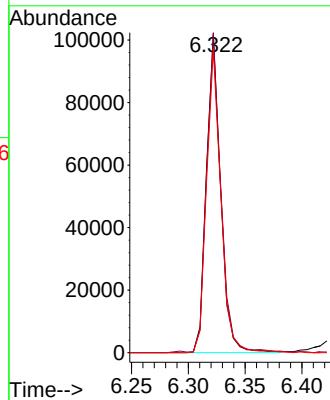
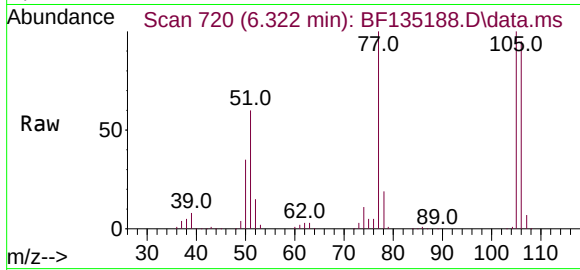
Tgt Ion: 77 Resp: 88970

Ion Ratio Lower Upper

77 100

105 100.5 81.4 121.4

106 95.1 76.9 116.9



#10

Phenol

Concen: 39.934 ng

RT: 6.428 min Scan# 738

Delta R.T. 0.006 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

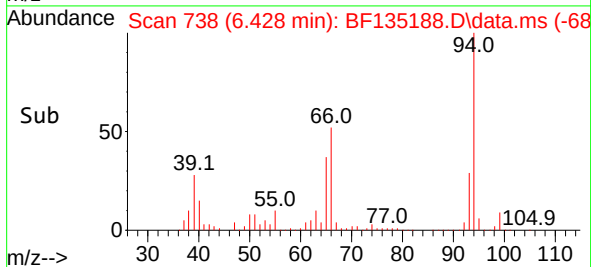
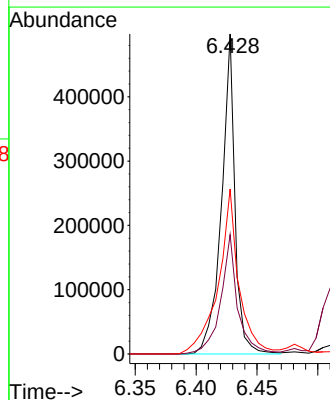
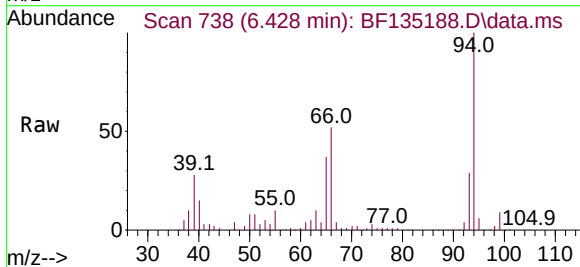
Tgt Ion: 94 Resp: 385514

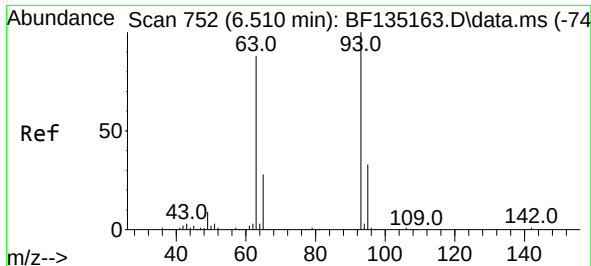
Ion Ratio Lower Upper

94 100

65 37.3 15.9 55.9

66 51.5 29.8 69.8

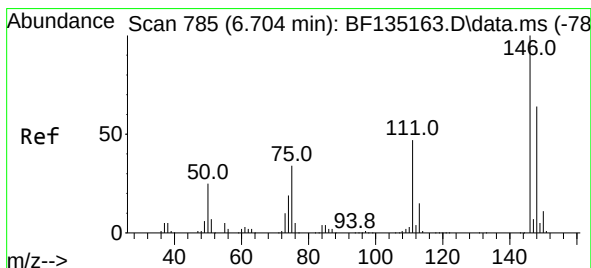
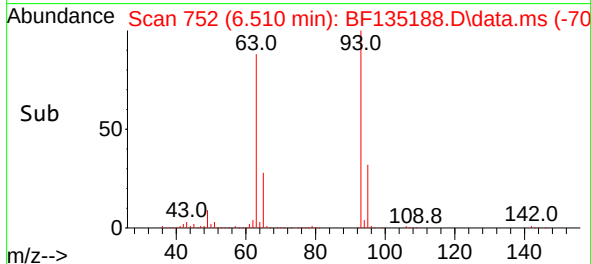
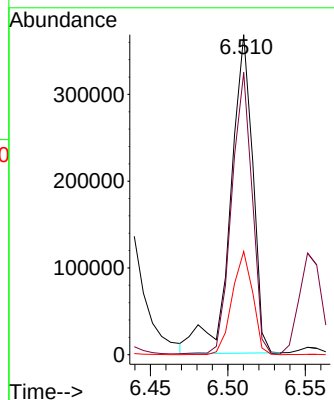
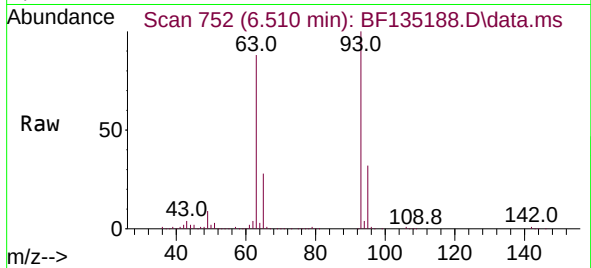




#11
 bis(2-Chloroethyl)ether
 Concen: 50.841 ng
 RT: 6.510 min Scan# 752
 Delta R.T. 0.000 min
 Lab File: BF135188.D
 Acq: 12 Sep 2023 18:48

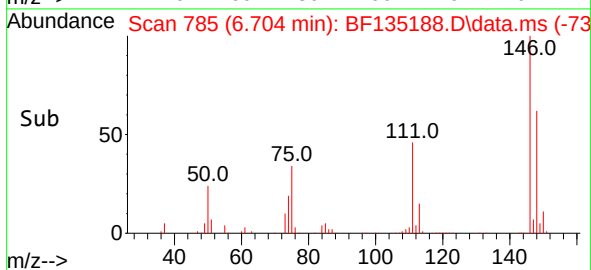
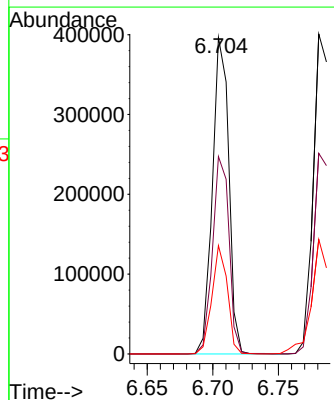
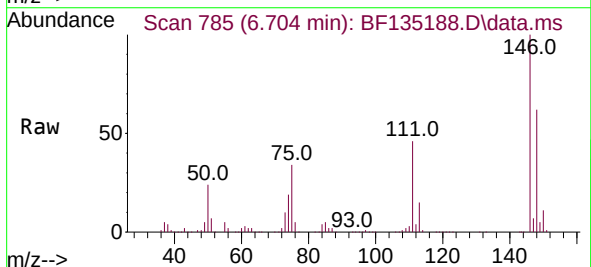
Instrument :
 BNA_F
 ClientSampleId :

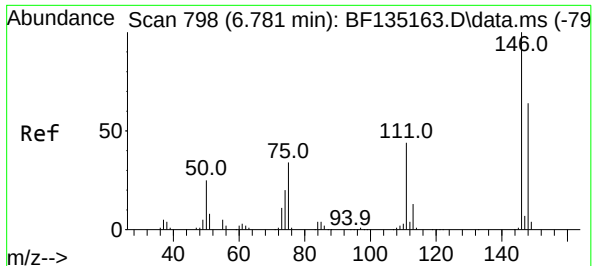
Tgt Ion: 93 Resp: 368163
 Ion Ratio Lower Upper
 93 100
 63 88.2 67.3 107.3
 95 32.3 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 45.763 ng
 RT: 6.704 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: BF135188.D
 Acq: 12 Sep 2023 18:48

Tgt Ion:146 Resp: 343748
 Ion Ratio Lower Upper
 146 100
 148 62.3 51.3 76.9
 75 34.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 45.884 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

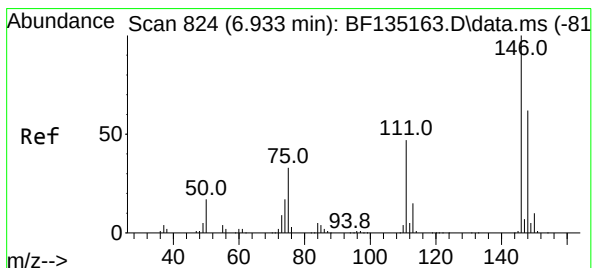
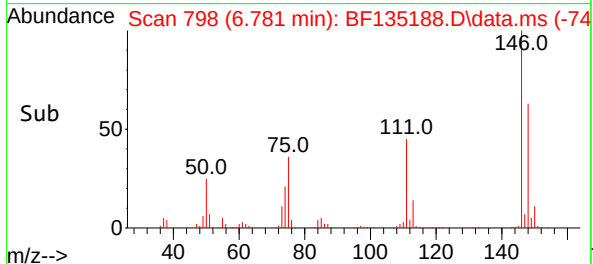
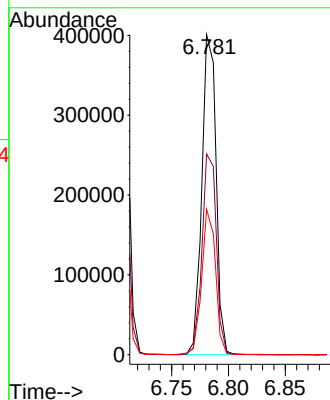
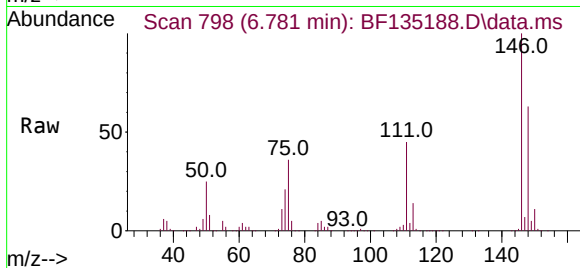
Tgt Ion:146 Resp: 350651

Ion Ratio Lower Upper

146 100

148 62.7 51.3 76.9

111 45.4 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 47.560 ng

RT: 6.934 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

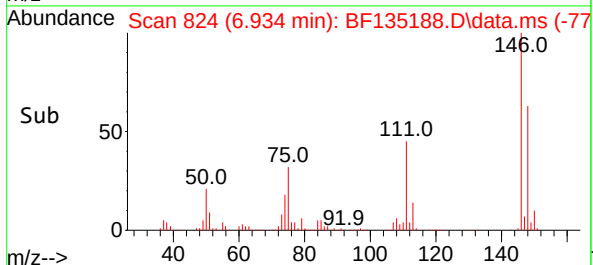
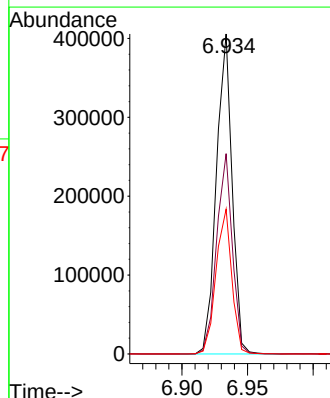
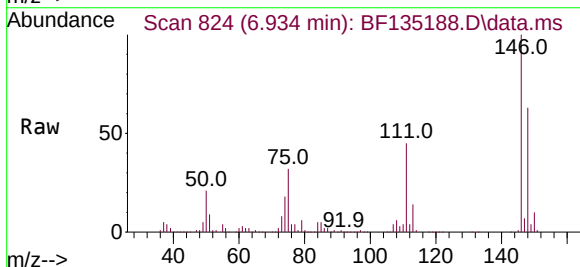
Tgt Ion:146 Resp: 337530

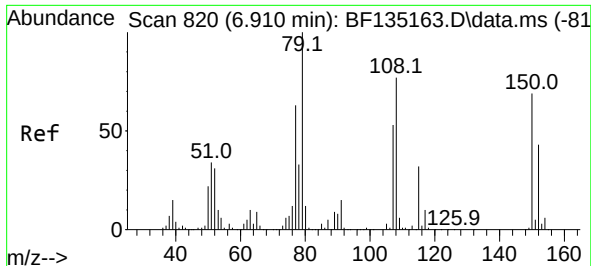
Ion Ratio Lower Upper

146 100

148 62.6 49.7 74.5

111 45.2 37.4 56.2

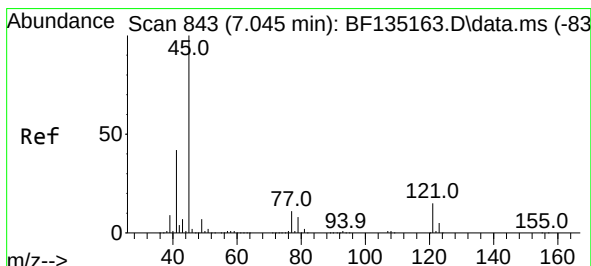
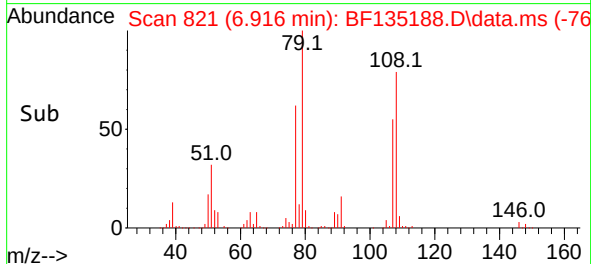
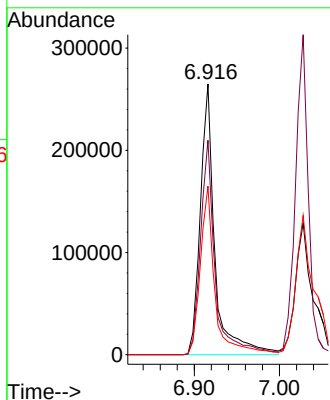
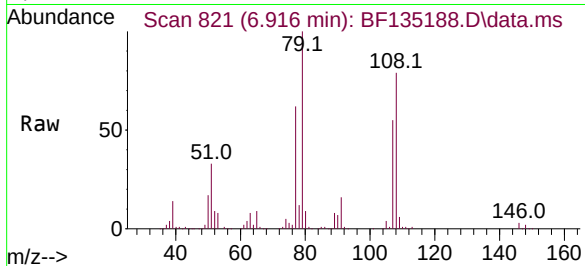




#15
Benzyl Alcohol
Concen: 49.880 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

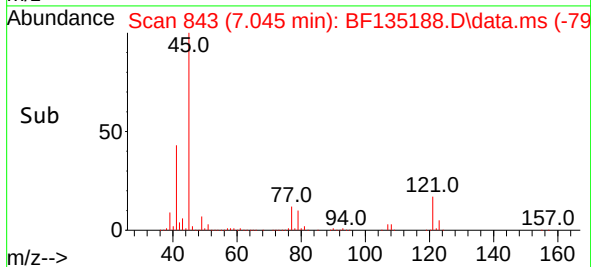
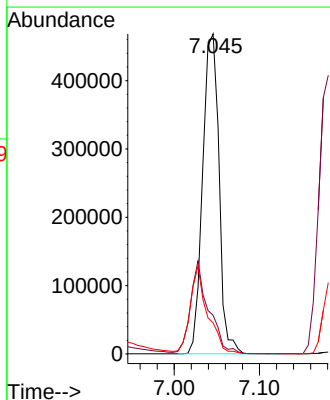
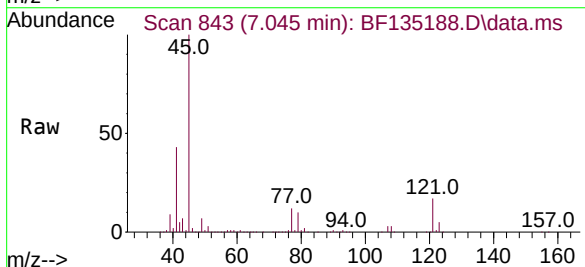
Instrument :
BNA_F
ClientSampleId :

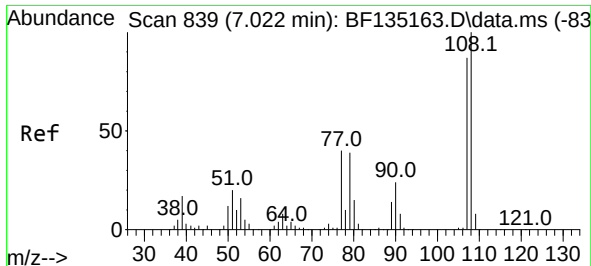
Tgt Ion: 79 Resp: 315120
Ion Ratio Lower Upper
79 100
108 79.2 61.2 91.8
77 62.2 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.772 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

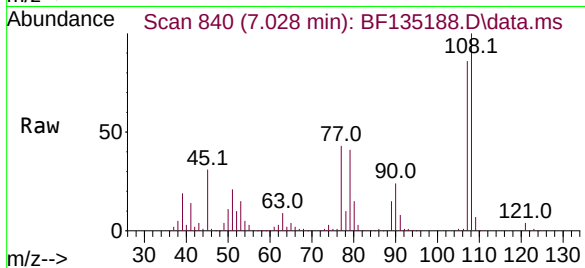
Tgt Ion: 45 Resp: 624767
Ion Ratio Lower Upper
45 100
77 12.1 0.0 30.6
79 9.7 0.0 28.3



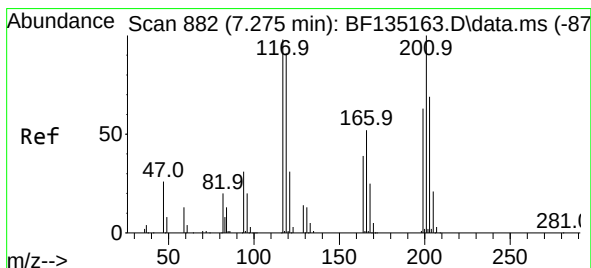
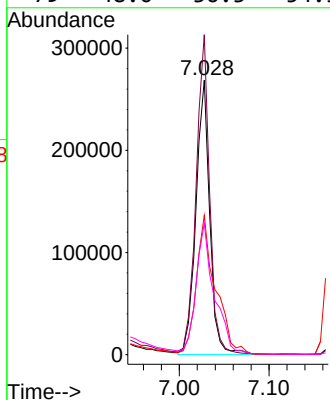
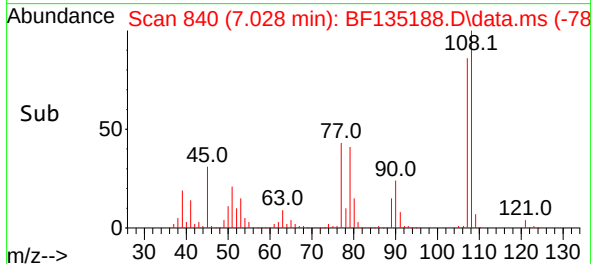


#17
2-Methylphenol
Concen: 44.193 ng
RT: 7.028 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

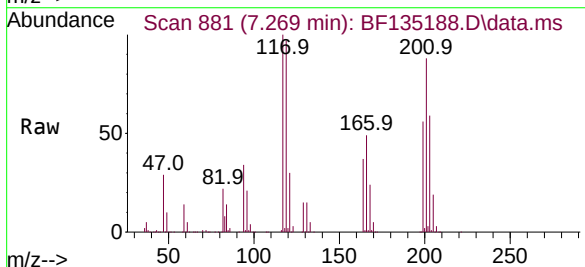
Instrument :
BNA_F
ClientSampleId :



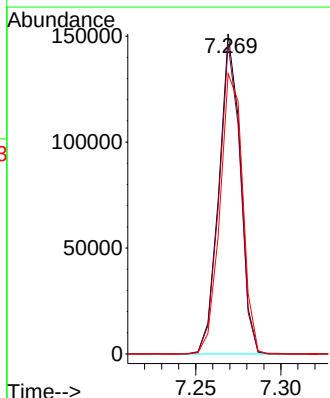
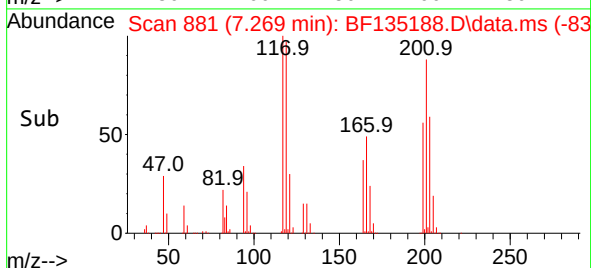
Tgt Ion:107 Resp: 288242
Ion Ratio Lower Upper
107 100
108 116.6 92.0 138.0
77 50.7 36.7 55.1
79 48.0 36.3 54.5

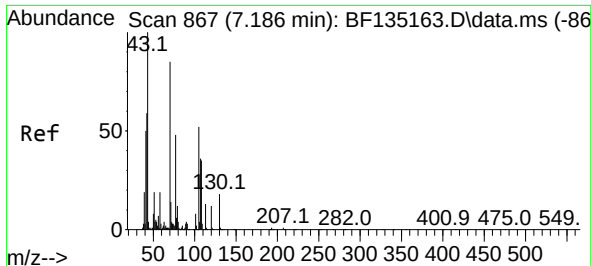


#18
Hexachloroethane
Concen: 46.601 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



Tgt Ion:117 Resp: 131587
Ion Ratio Lower Upper
117 100
119 96.9 74.7 112.1
201 87.6 81.8 122.8

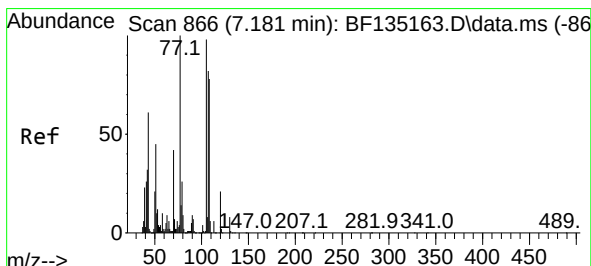
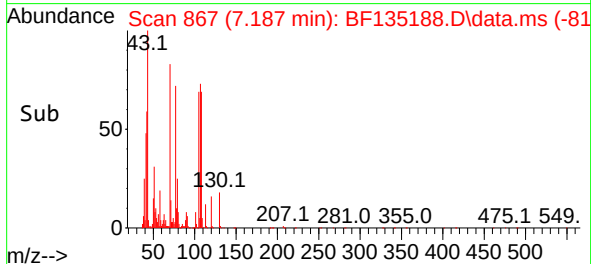
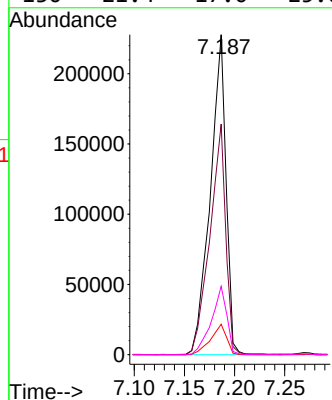
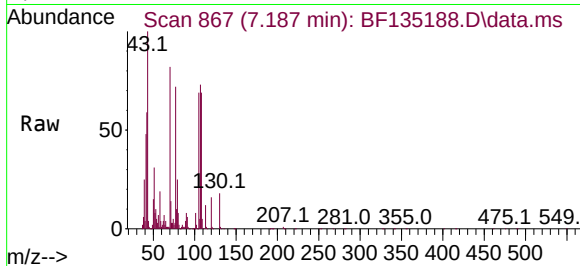




#19
n-Nitroso-di-n-propylamine
Concen: 45.607 ng
RT: 7.187 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

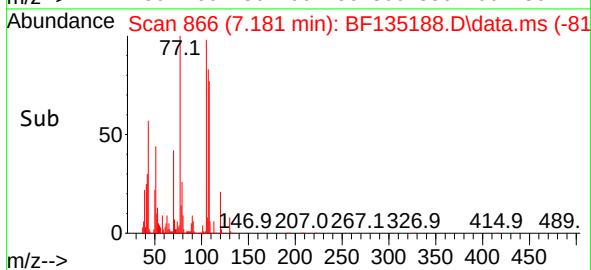
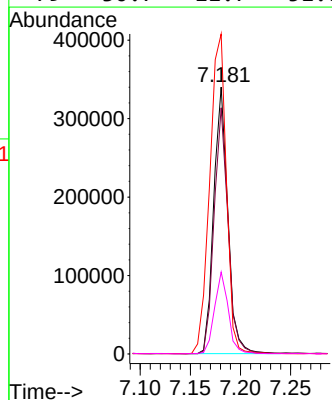
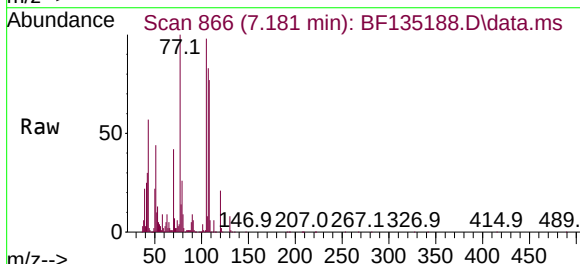
Instrument :
BNA_F
ClientSampleId :

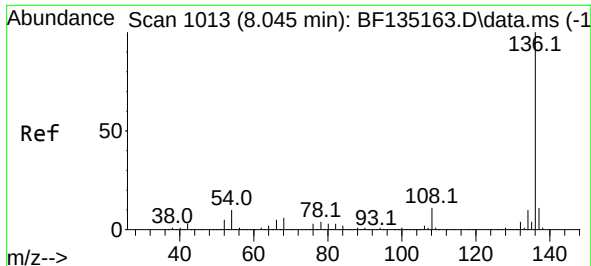
Tgt Ion: 70 Resp: 248697
Ion Ratio Lower Upper
70 100
42 72.1 55.4 83.0
101 9.5 7.7 11.5
130 21.4 17.0 25.6



#20
3+4-Methylphenols
Concen: 42.386 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Tgt Ion: 107 Resp: 332424
Ion Ratio Lower Upper
107 100
108 92.3 74.7 114.7
77 119.9 102.0 142.0
79 30.7 11.7 51.7

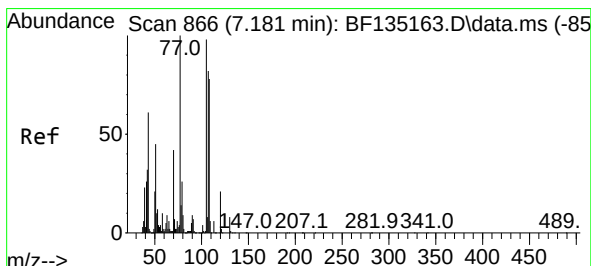
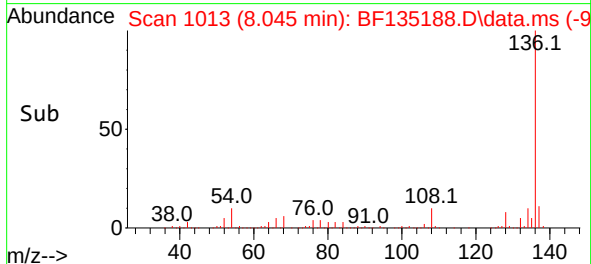
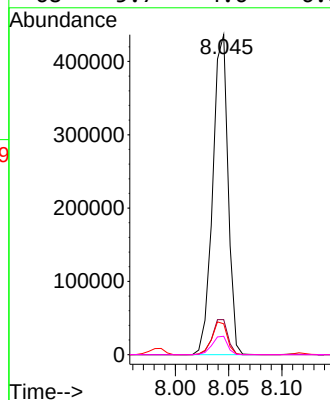
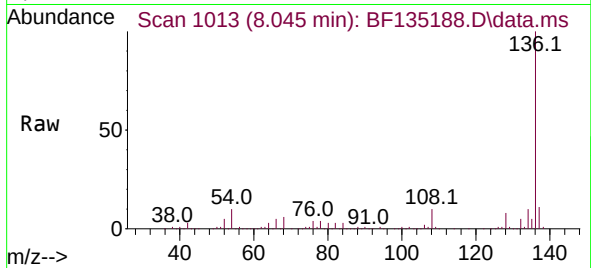




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

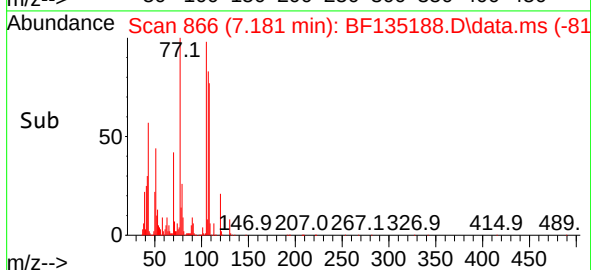
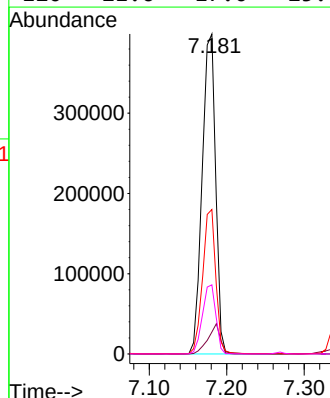
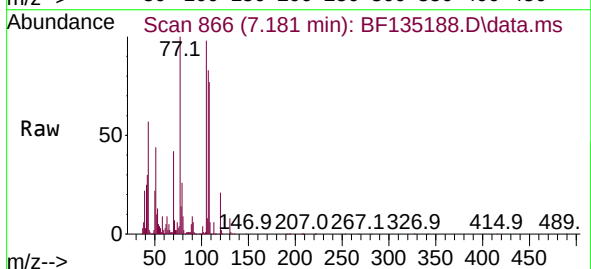
Instrument :
BNA_F
ClientSampleId :

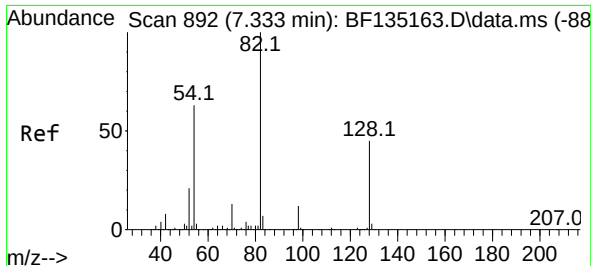
Tgt Ion:	136	Resp:	435545
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	9.6	7.7	11.5
68	5.7	4.6	6.8



#22
Acetophenone
Concen: 48.316 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Tgt Ion:	105	Resp:	481114
Ion Ratio	Lower	Upper	
105	100		
71	6.9	5.8	8.6
51	45.1	37.0	55.4
120	21.6	17.0	25.6





#23

Nitrobenzene-d5

Concen: 92.966 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

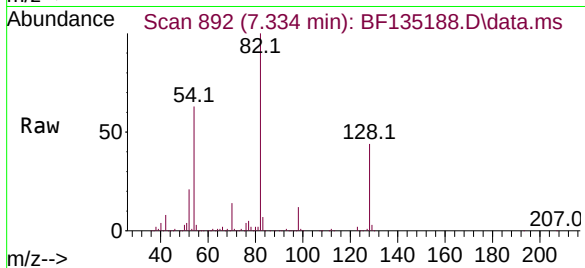
Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :



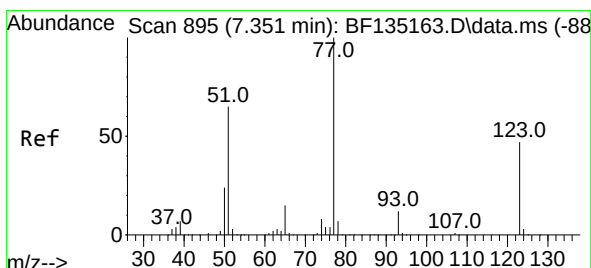
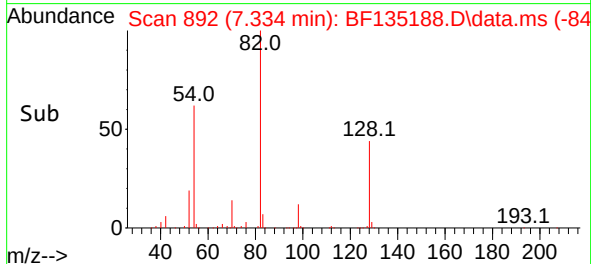
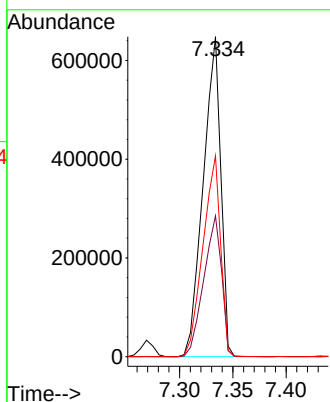
Tgt Ion: 82 Resp: 745283

Ion Ratio Lower Upper

82 100

128 44.0 35.8 53.6

54 62.8 50.6 76.0



#24

Nitrobenzene

Concen: 48.038 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

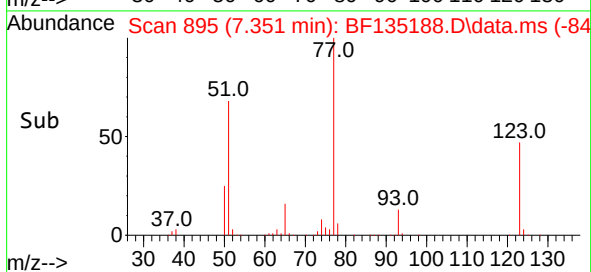
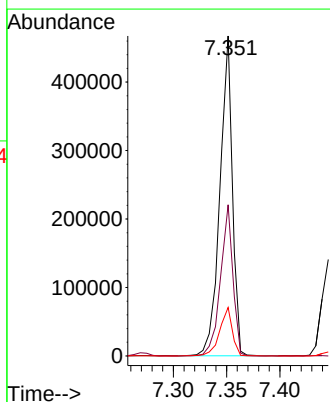
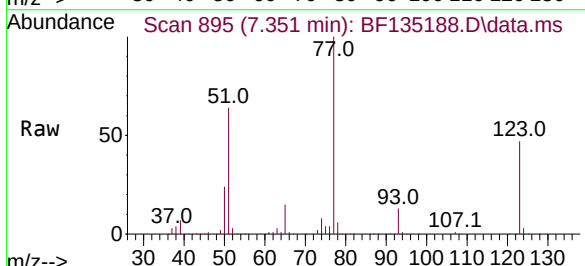
Tgt Ion: 77 Resp: 380637

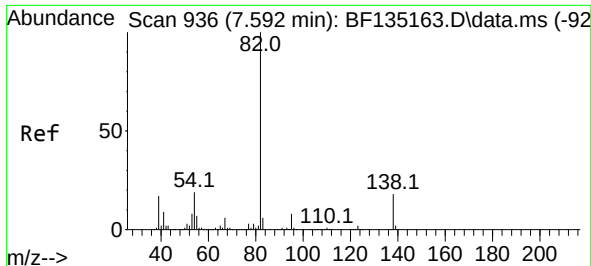
Ion Ratio Lower Upper

77 100

123 47.2 37.6 56.4

65 15.2 12.2 18.4

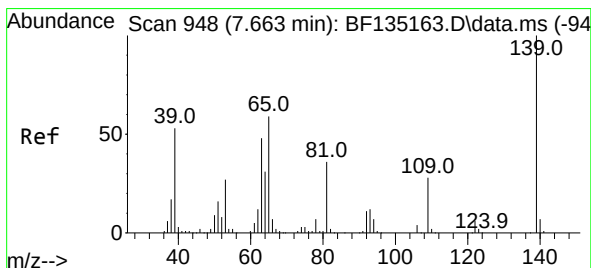
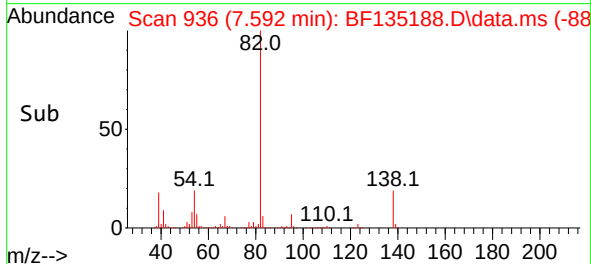
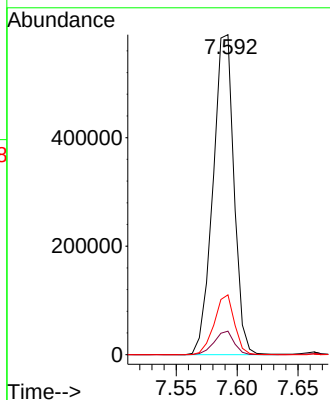
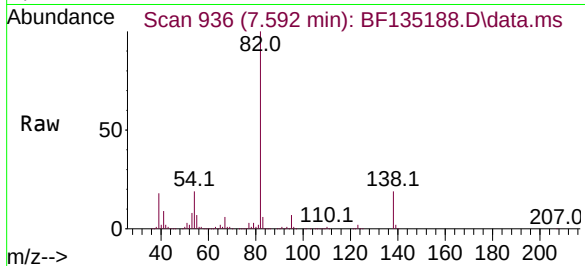




#25
Isophorone
Concen: 48.173 ng
RT: 7.592 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

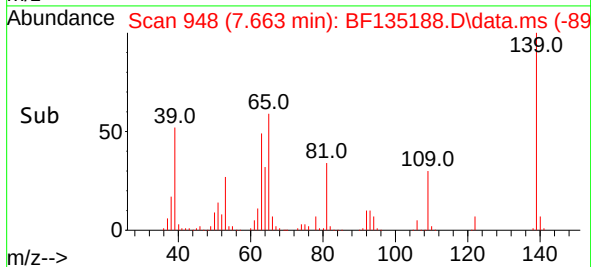
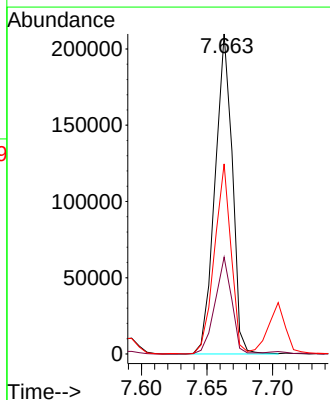
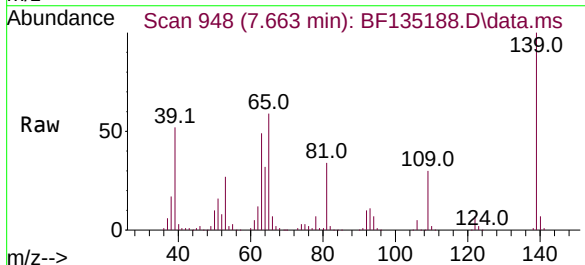
Instrument :
BNA_F
ClientSampleId :

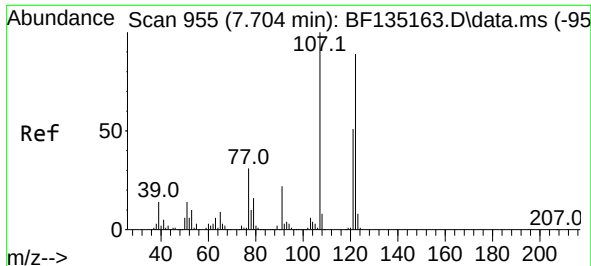
Tgt Ion: 82 Resp: 709152
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 18.7 14.5 21.7



#26
2-Nitrophenol
Concen: 50.508 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Tgt Ion:139 Resp: 192079
Ion Ratio Lower Upper
139 100
109 30.2 22.6 33.8
65 59.4 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 44.676 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

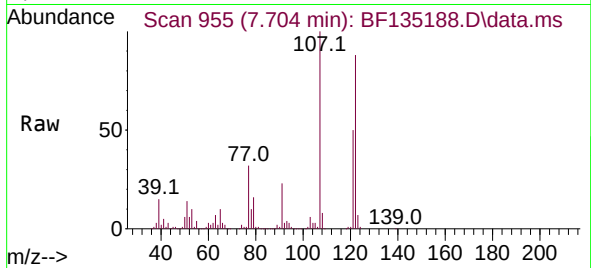
Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :



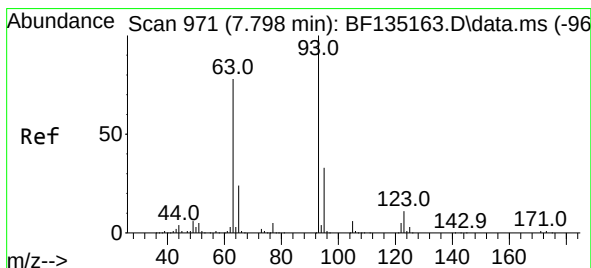
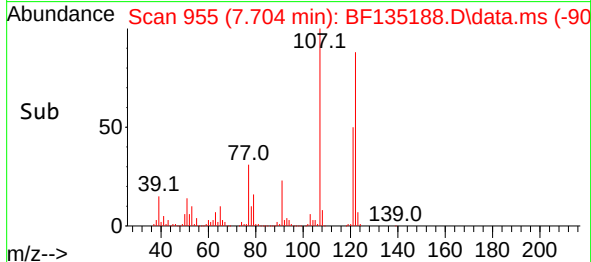
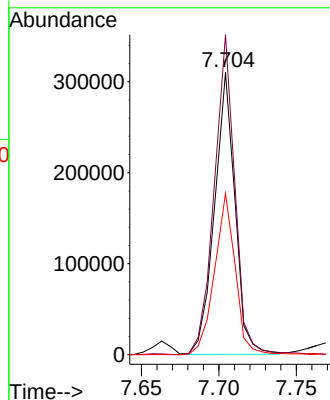
Tgt Ion:122 Resp: 285584

Ion Ratio Lower Upper

122 100

107 113.4 90.2 135.4

121 57.1 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 49.391 ng

RT: 7.798 min Scan# 971

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

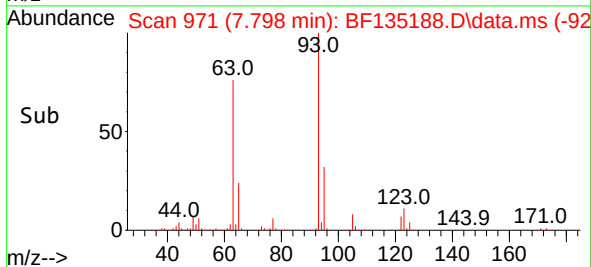
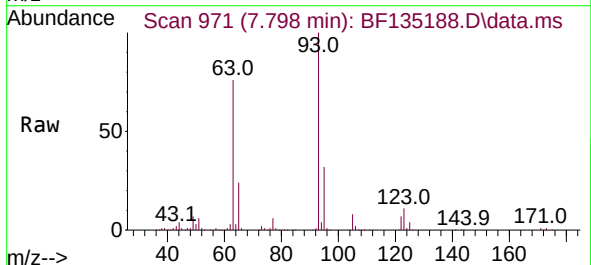
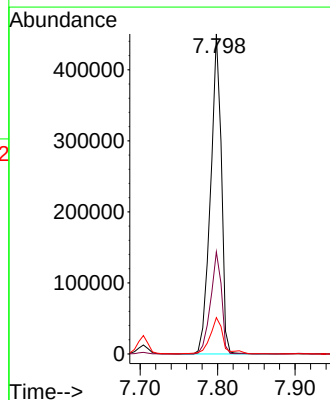
Tgt Ion: 93 Resp: 435176

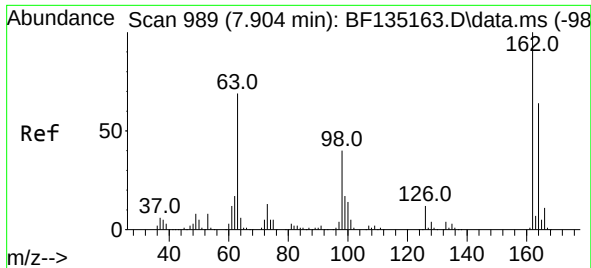
Ion Ratio Lower Upper

93 100

95 31.9 26.2 39.2

123 11.4 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 50.216 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

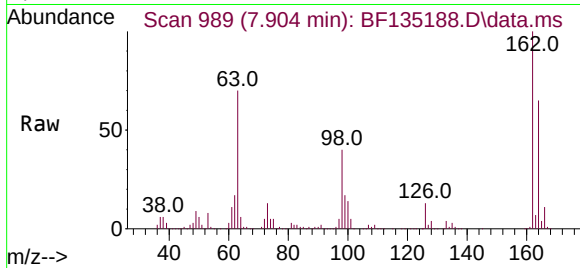
Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :



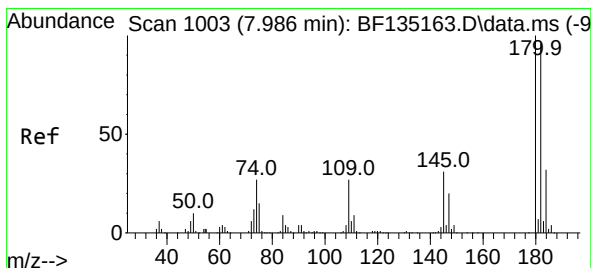
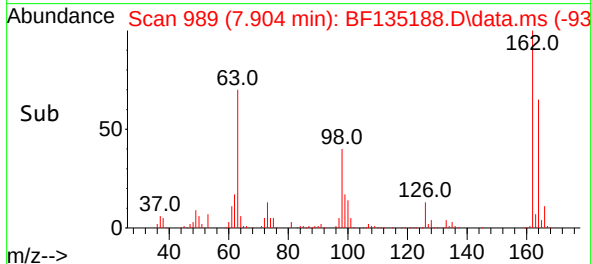
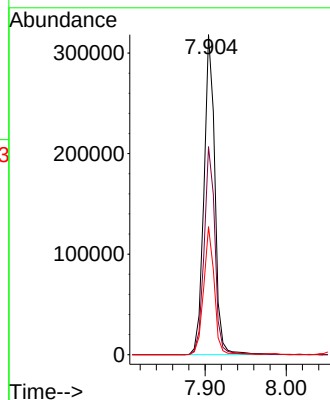
Tgt Ion:162 Resp: 297440

Ion Ratio Lower Upper

162 100

164 65.0 44.1 84.1

98 40.0 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 48.894 ng

RT: 7.987 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

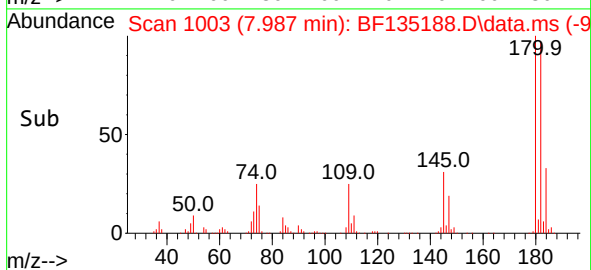
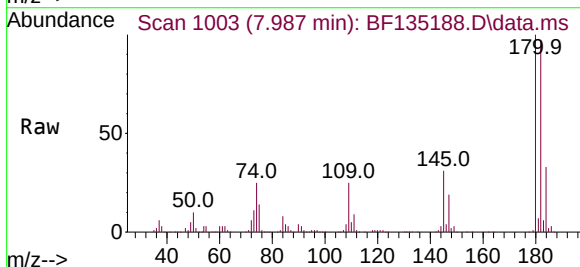
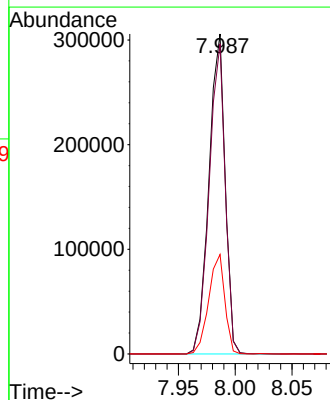
Tgt Ion:180 Resp: 302710

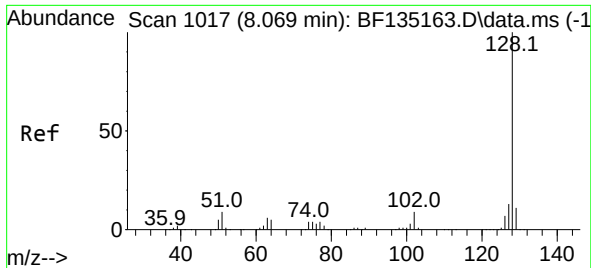
Ion Ratio Lower Upper

180 100

182 97.0 76.9 115.3

145 31.1 24.5 36.7

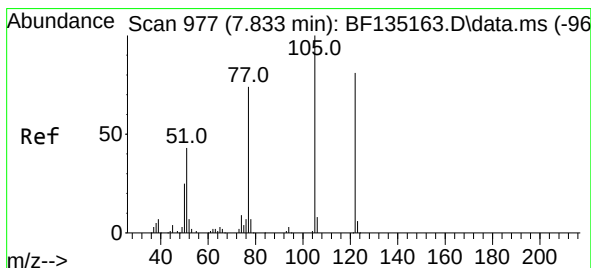
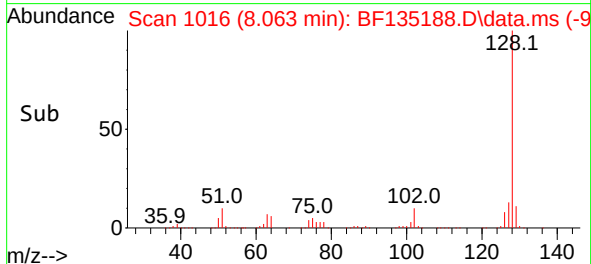
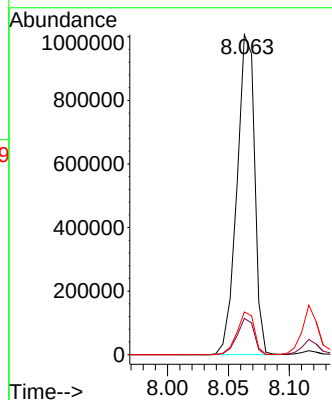
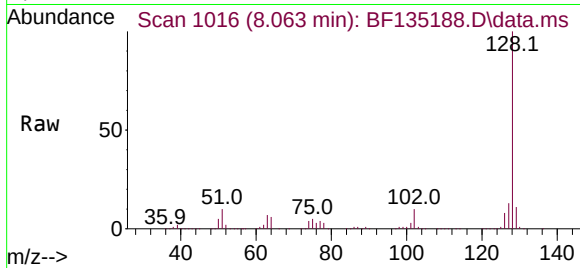




#31
Naphthalene
Concen: 48.029 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

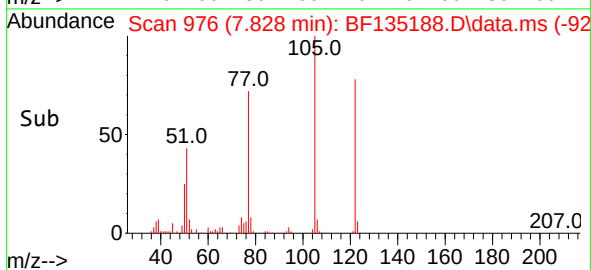
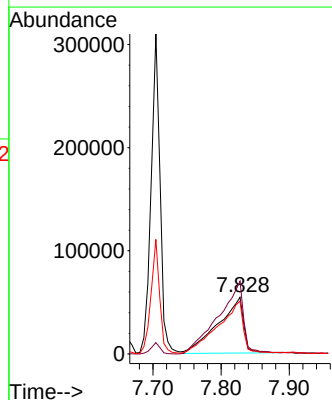
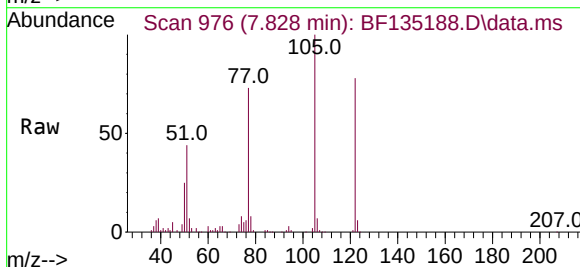
Instrument :
BNA_F
ClientSampleId :

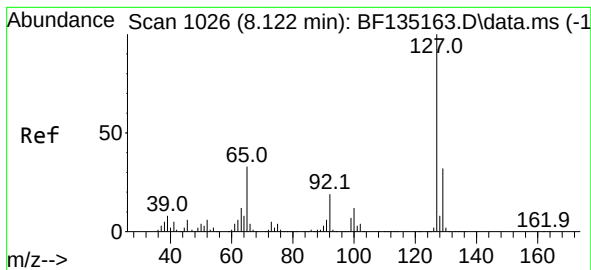
Tgt Ion:128 Resp: 1016387
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 29.488 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Tgt Ion:122 Resp: 141938
Ion Ratio Lower Upper
122 100
105 128.4 99.9 139.9
77 93.3 70.0 110.0





#33

4-Chloroaniline

Concen: 16.898 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 156892

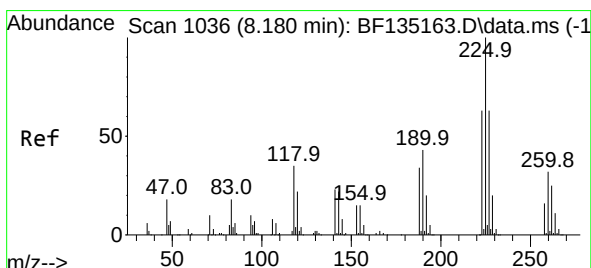
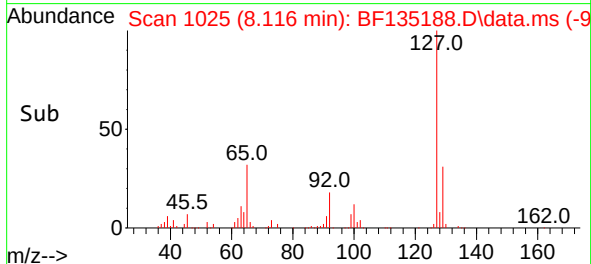
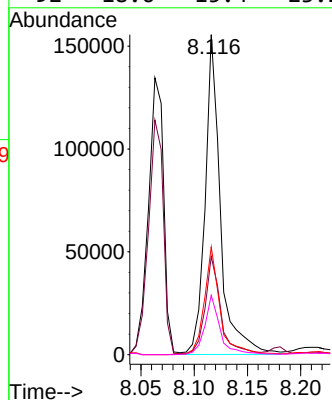
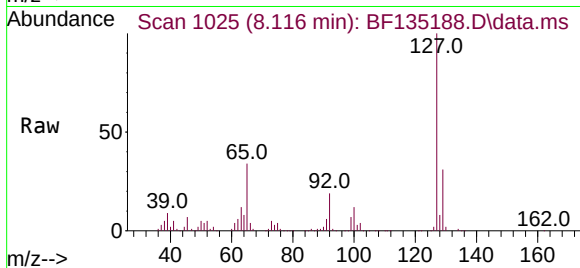
Ion Ratio Lower Upper

127 100

129 30.7 25.8 38.8

65 33.7 26.6 39.8

92 18.6 15.4 23.2



#34

Hexachlorobutadiene

Concen: 48.079 ng

RT: 8.181 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

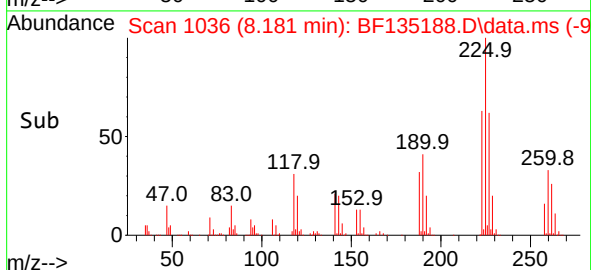
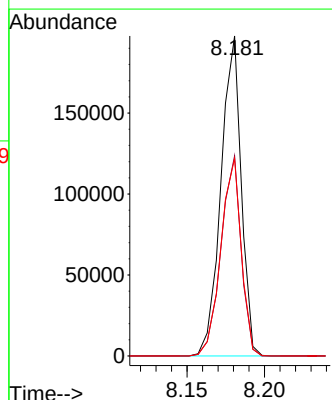
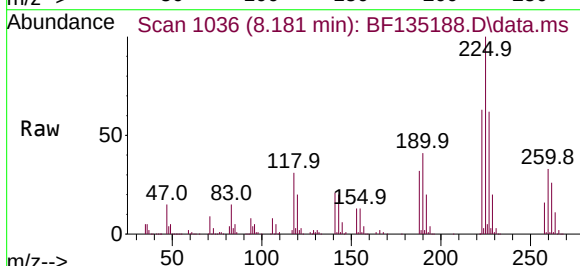
Tgt Ion:225 Resp: 179484

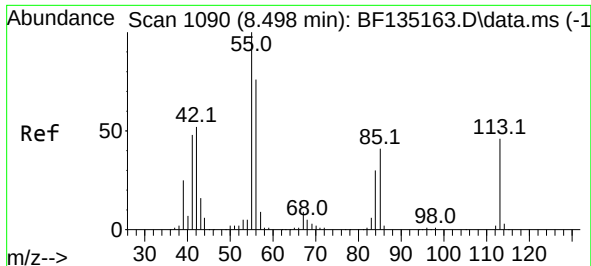
Ion Ratio Lower Upper

225 100

223 62.5 50.6 75.8

227 61.7 50.8 76.2

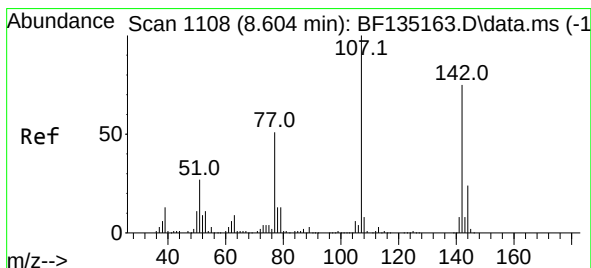
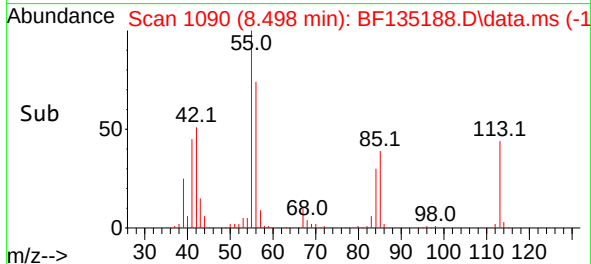
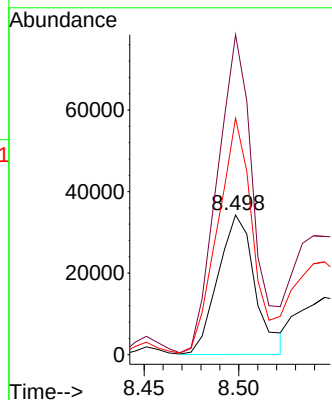
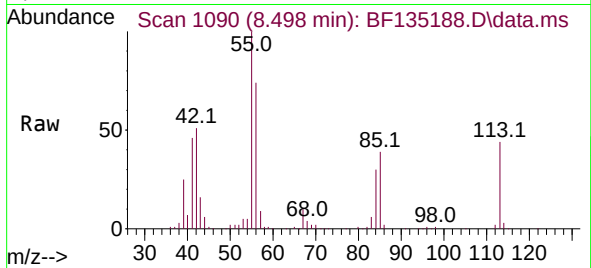




#35
 Caprolactam
 Concen: 23.482 ng
 RT: 8.498 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF135188.D
 Acq: 12 Sep 2023 18:48

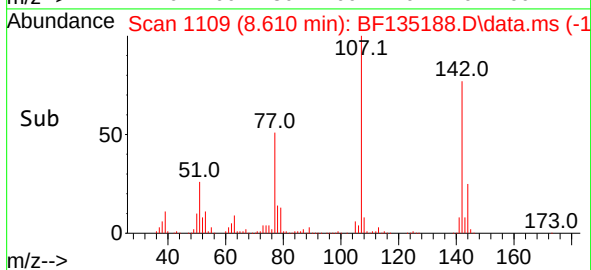
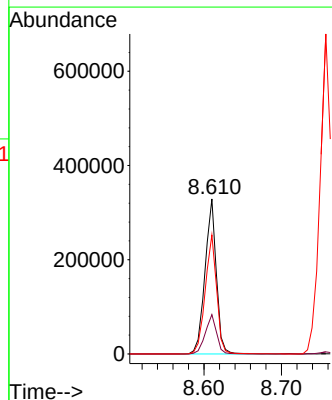
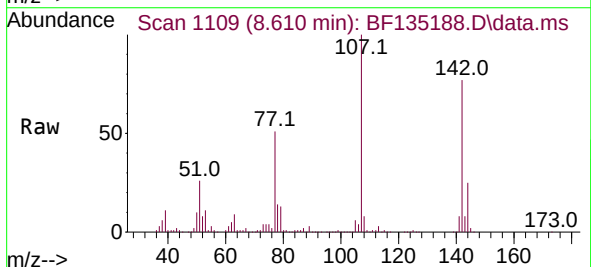
Instrument :
 BNA_F
 ClientSampleId :

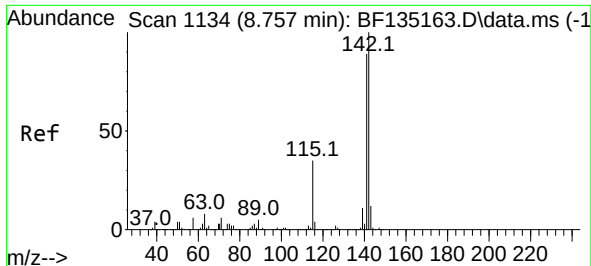
Tgt Ion:113 Resp: 46681
 Ion Ratio Lower Upper
 113 100
 55 229.2 199.3 239.3
 56 169.4 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 50.862 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135188.D
 Acq: 12 Sep 2023 18:48

Tgt Ion:107 Resp: 334832
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.0 28.4
 142 76.8 60.2 90.2

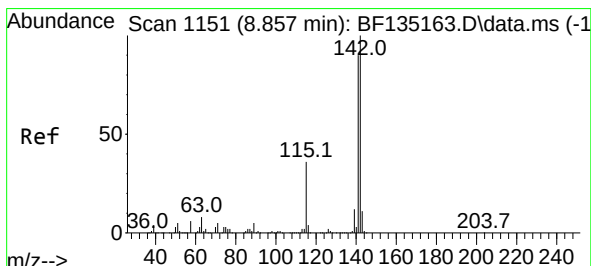
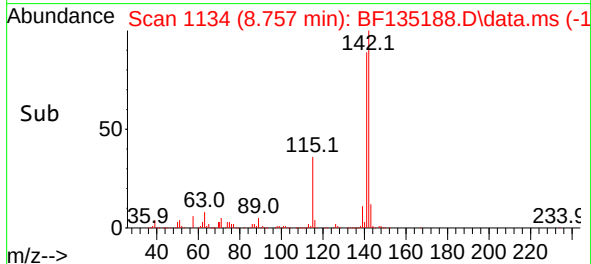
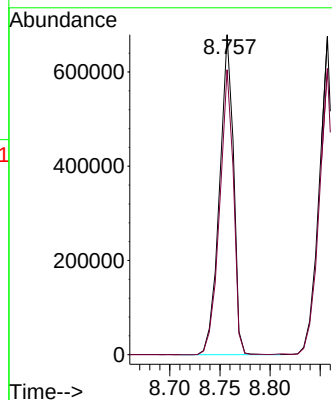
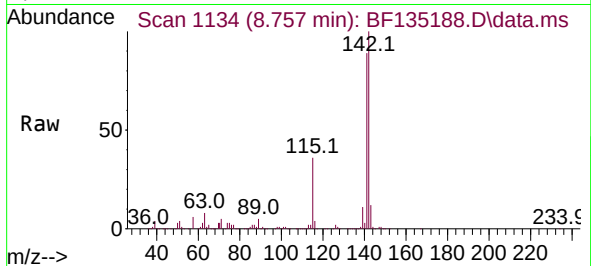




#37
2-Methylnaphthalene
Concen: 46.066 ng
RT: 8.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

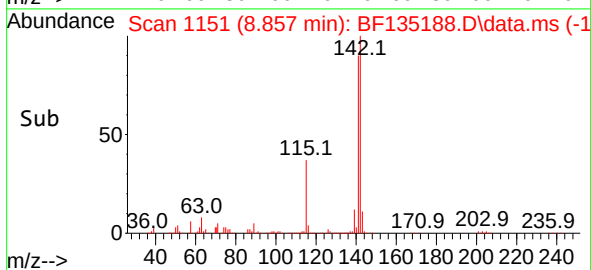
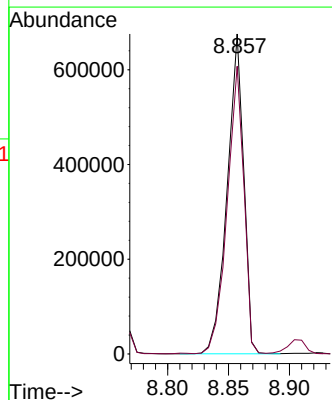
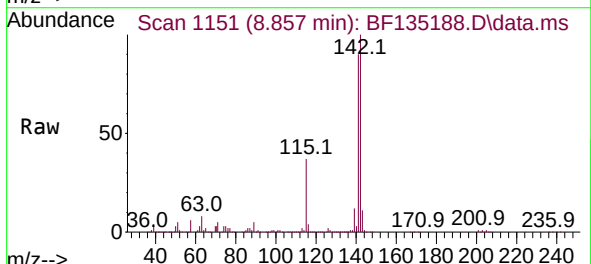
Instrument :
BNA_F
ClientSampleId :

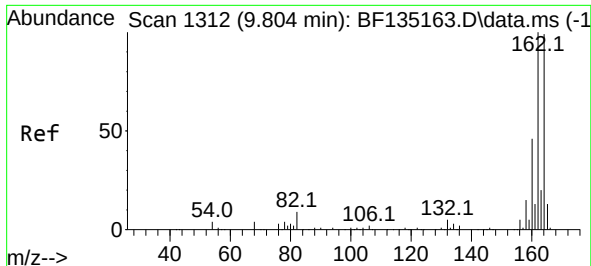
Tgt Ion:142 Resp: 655280
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.6



#38
1-Methylnaphthalene
Concen: 47.923 ng
RT: 8.857 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

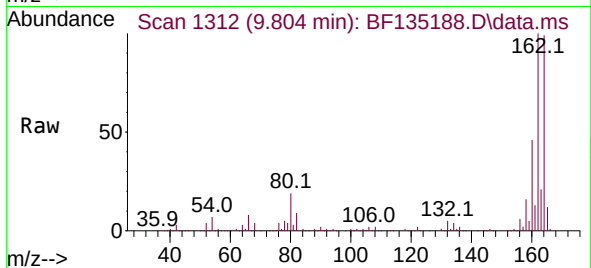
Tgt Ion:142 Resp: 638230
Ion Ratio Lower Upper
142 100
141 89.9 72.4 108.6



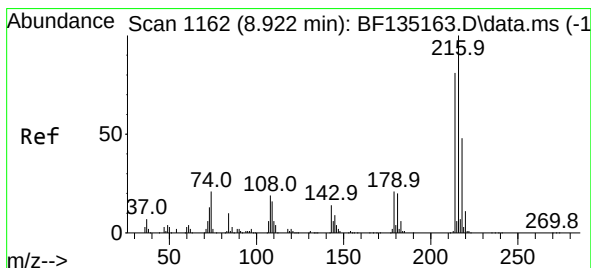
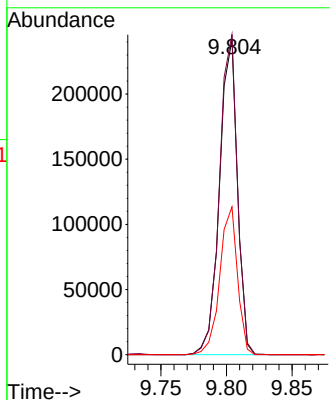
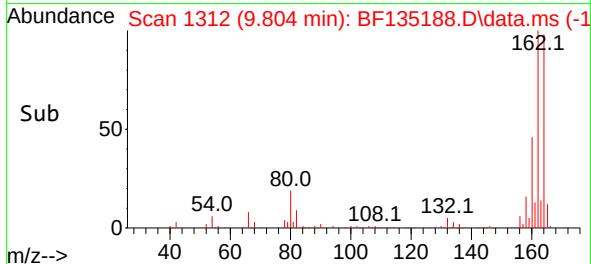


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

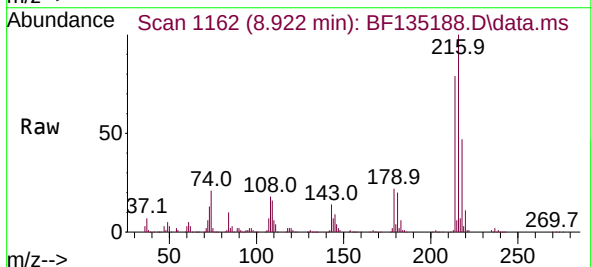
Instrument :
BNA_F
ClientSampleId :



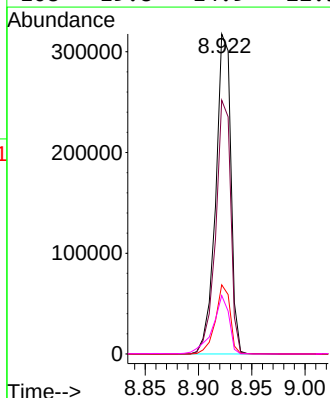
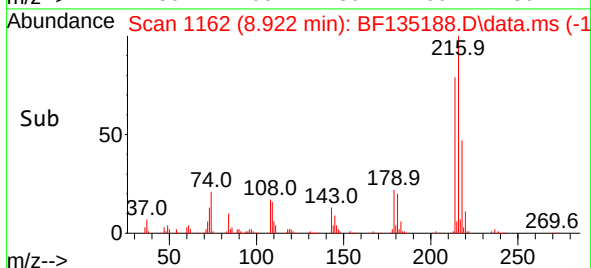
Tgt Ion:164 Resp: 229278
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.4
160 46.9 37.0 55.4

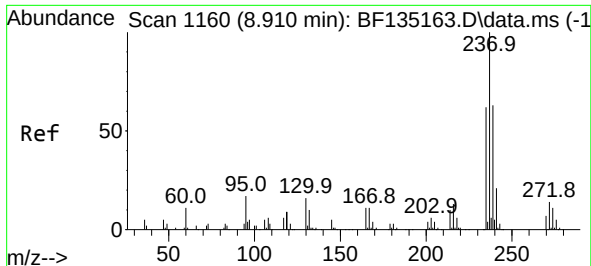


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.189 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



Tgt Ion:216 Resp: 313448
Ion Ratio Lower Upper
216 100
214 78.4 63.7 95.5
179 20.9 16.7 25.1
108 19.8 14.9 22.3

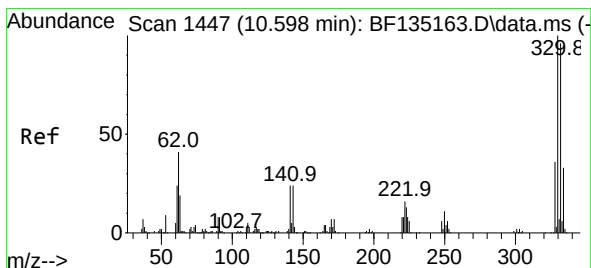
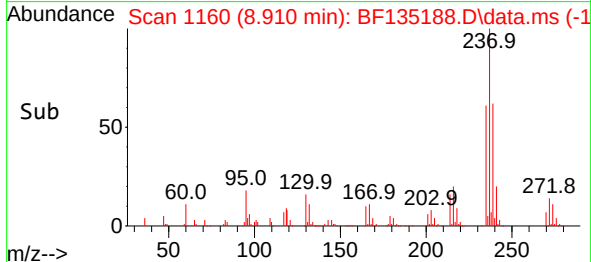
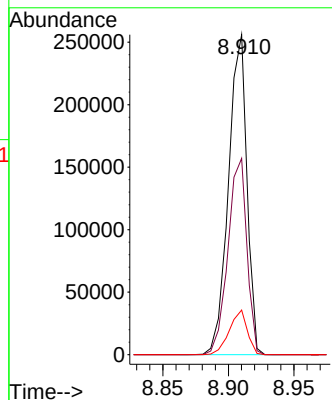
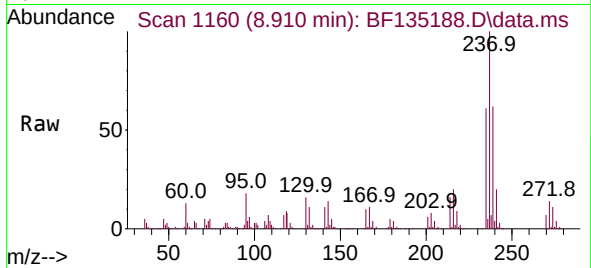




#41
Hexachlorocyclopentadiene
Concen: 85.068 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

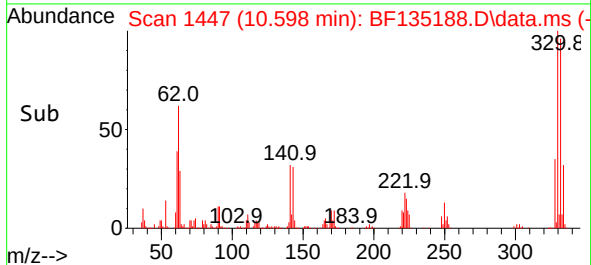
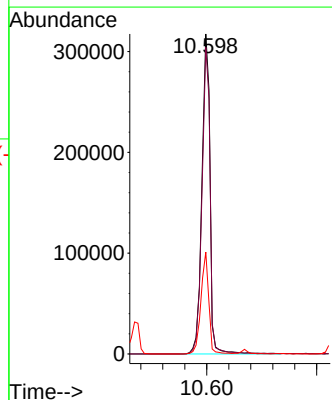
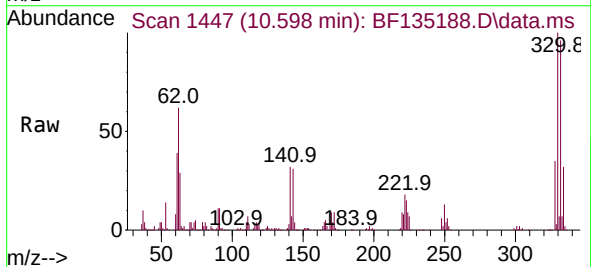
Instrument :
BNA_F
ClientSampleId :

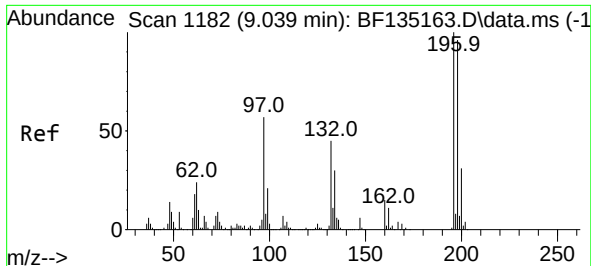
Tgt Ion:237 Resp: 250488
Ion Ratio Lower Upper
237 100
235 61.4 41.8 81.8
272 14.0 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 143.774 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Tgt Ion:330 Resp: 327584
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 30.6 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 49.956 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

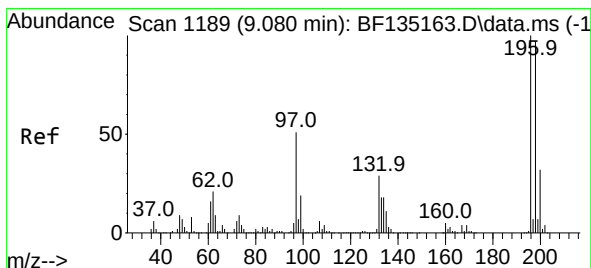
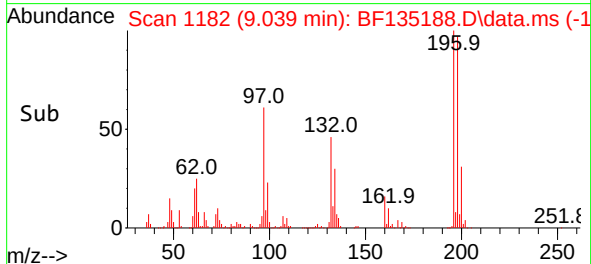
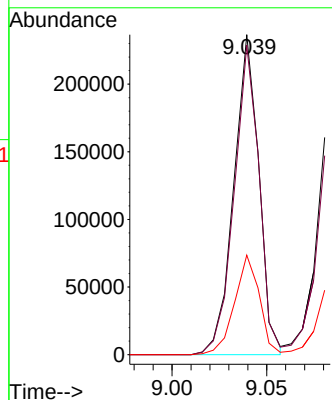
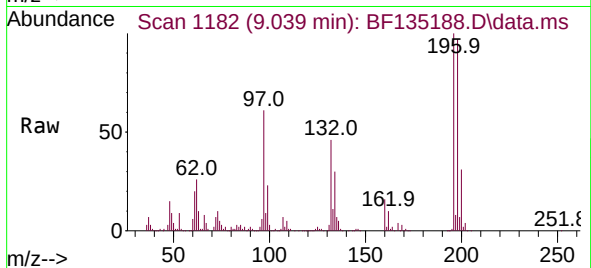
Tgt Ion:196 Resp: 217262

Ion Ratio Lower Upper

196 100

198 96.7 77.0 115.6

200 31.1 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 48.668 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Tgt Ion:196 Resp: 243750

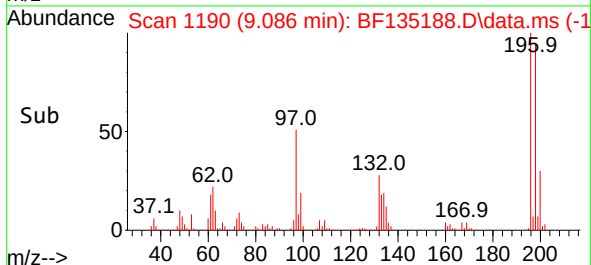
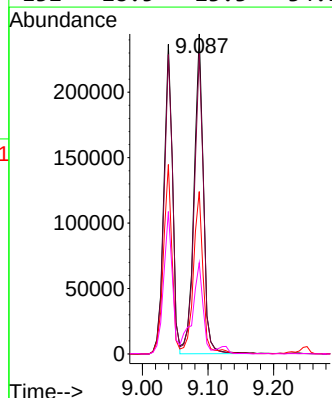
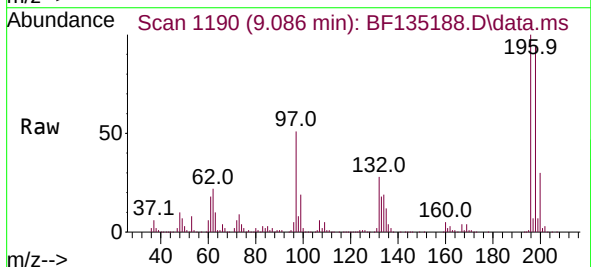
Ion Ratio Lower Upper

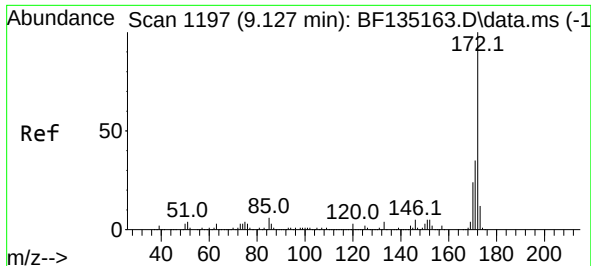
196 100

198 93.8 77.5 116.3

97 50.7 40.5 60.7

132 28.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 88.746 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

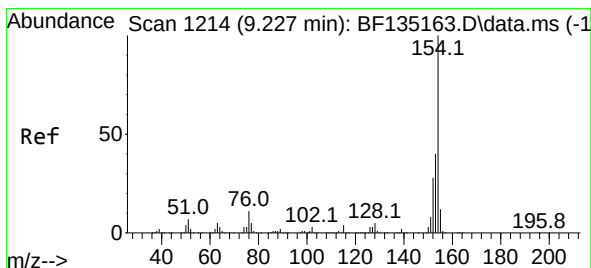
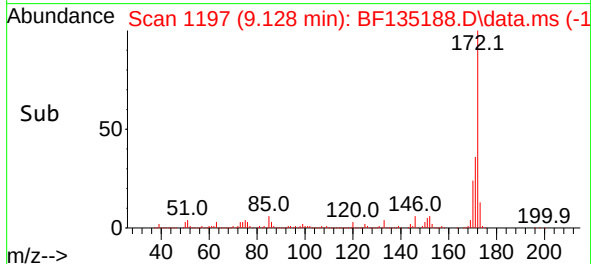
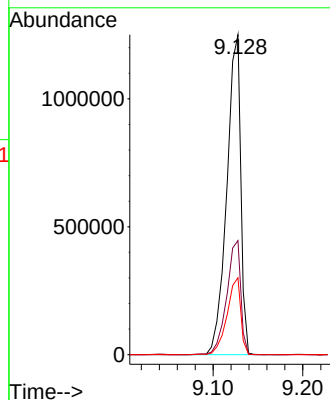
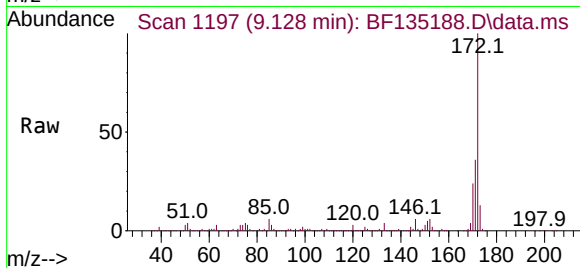
Tgt Ion:172 Resp: 1348655

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.1 19.0 28.4



#46

1,1'-Biphenyl

Concen: 47.850 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

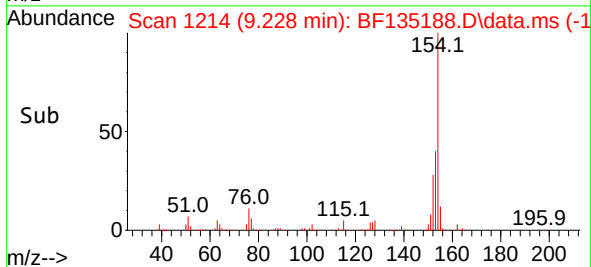
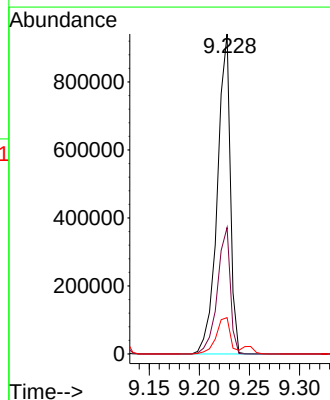
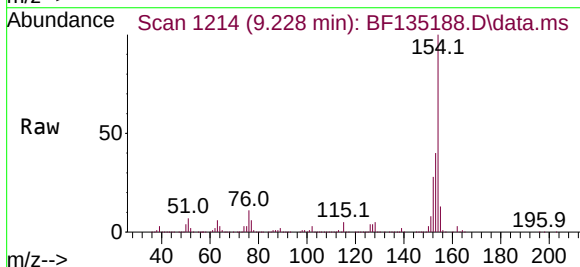
Tgt Ion:154 Resp: 843098

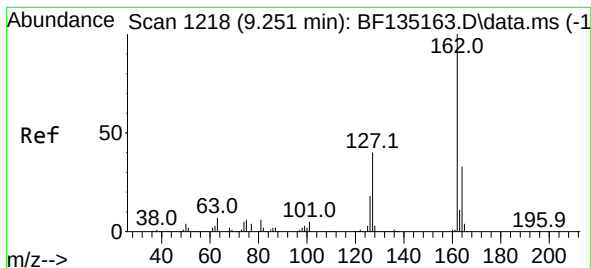
Ion Ratio Lower Upper

154 100

153 39.5 19.6 59.6

76 11.3 0.0 31.0





#47

2-Chloronaphthalene

Concen: 49.490 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

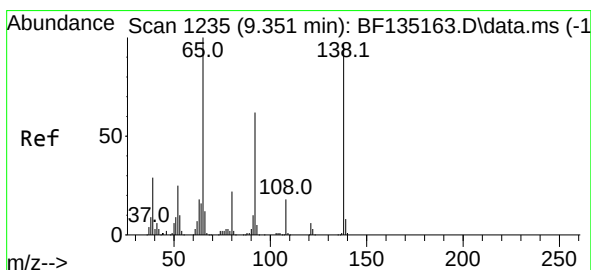
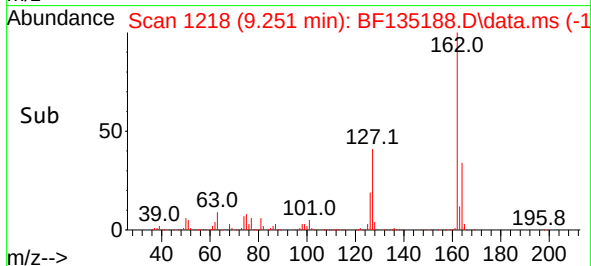
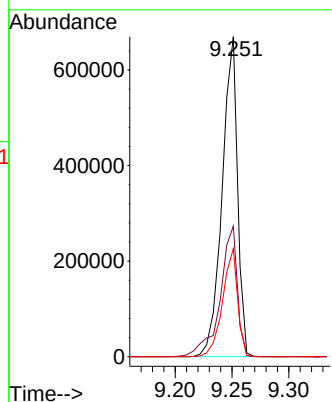
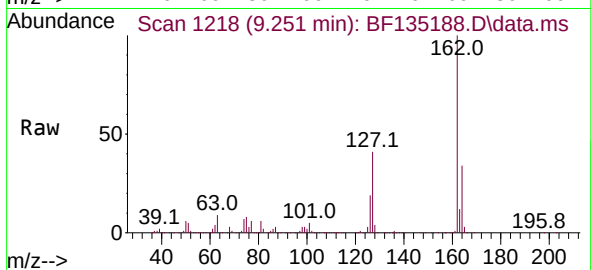
Tgt Ion:162 Resp: 632680

Ion Ratio Lower Upper

162 100

127 40.8 32.6 48.8

164 33.7 26.2 39.2



#48

2-Nitroaniline

Concen: 50.103 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

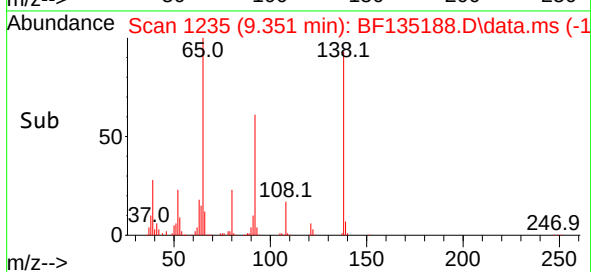
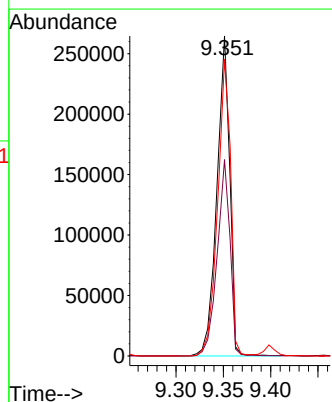
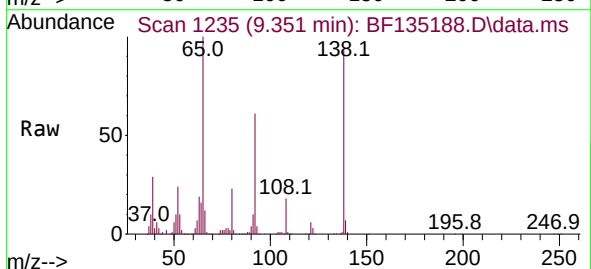
Tgt Ion: 65 Resp: 248842

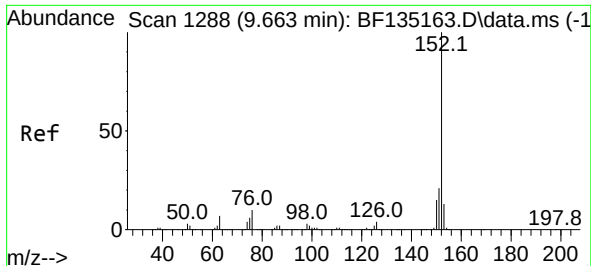
Ion Ratio Lower Upper

65 100

92 61.3 49.4 74.0

138 92.6 77.4 116.0





#49

Acenaphthylene

Concen: 50.223 ng

RT: 9.669 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

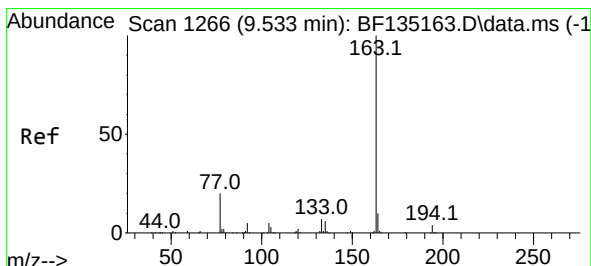
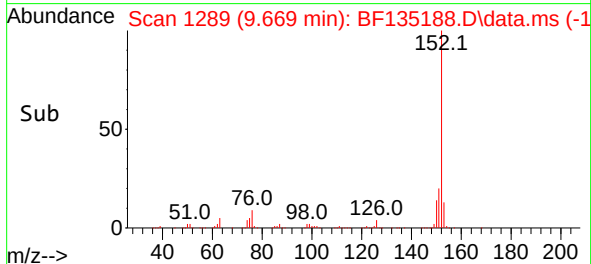
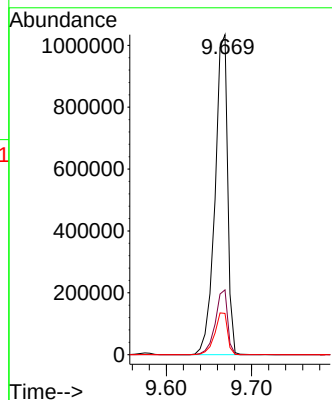
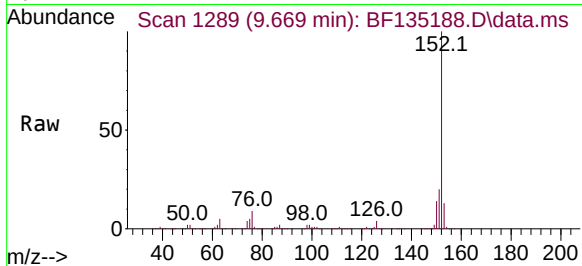
Tgt Ion:152 Resp: 1067055

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 12.9 10.4 15.6



#50

Dimethylphthalate

Concen: 51.200 ng

RT: 9.534 min Scan# 1266

Delta R.T. 0.001 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

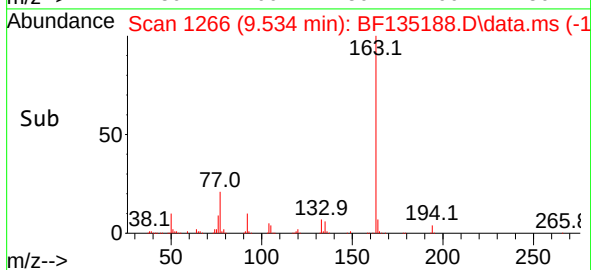
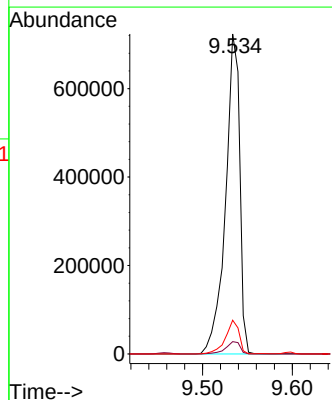
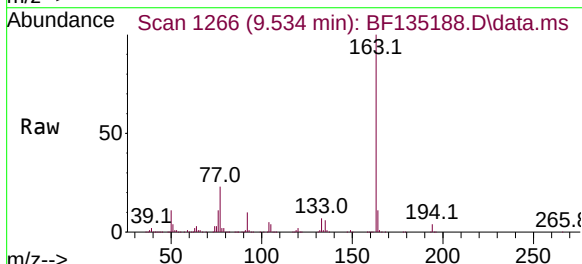
Tgt Ion:163 Resp: 793683

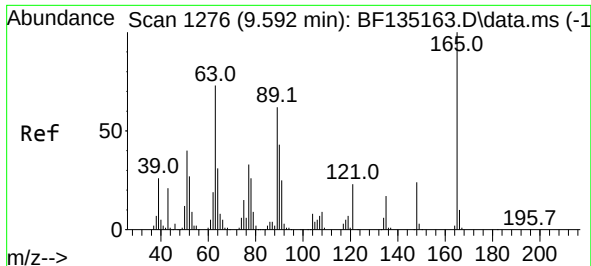
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.5 8.1 12.1

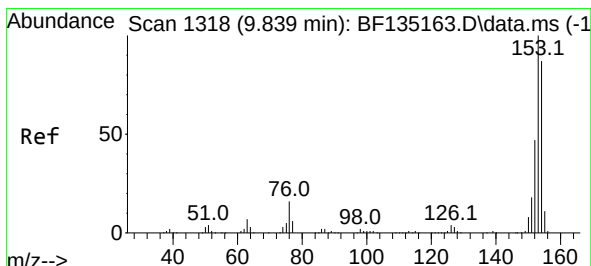
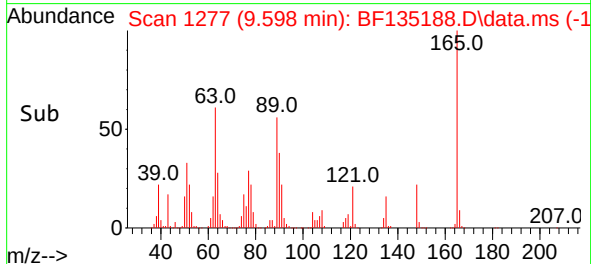
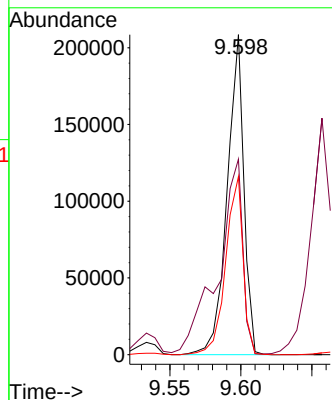
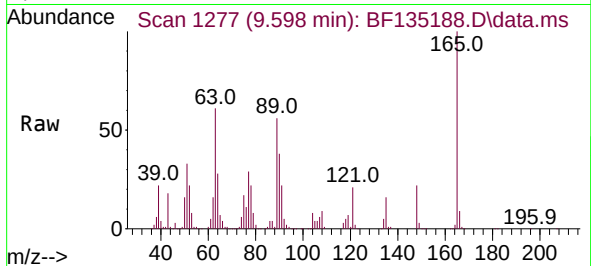




#51
2,6-Dinitrotoluene
Concen: 50.225 ng
RT: 9.598 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

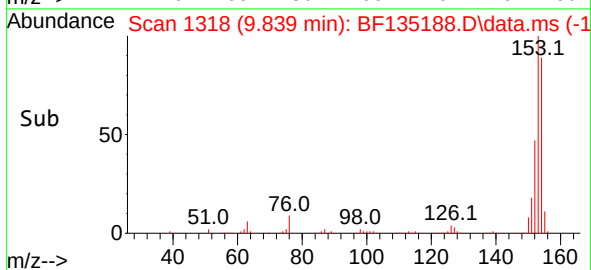
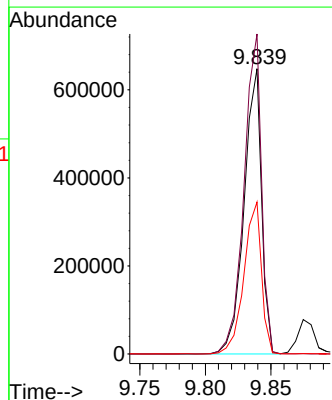
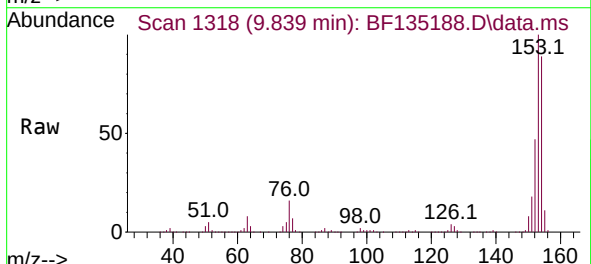
Instrument :
BNA_F
ClientSampleId :

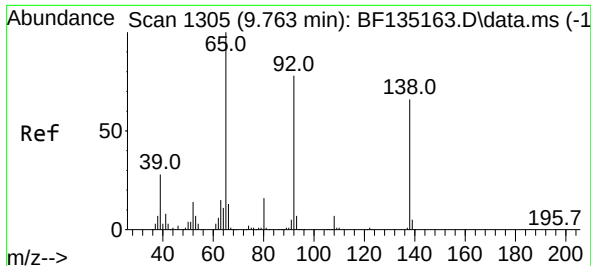
Tgt Ion:165 Resp: 170557
Ion Ratio Lower Upper
165 100
63 61.1 59.4 89.2
89 55.7 49.8 74.8



#52
Acenaphthene
Concen: 48.043 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Tgt Ion:154 Resp: 602997
Ion Ratio Lower Upper
154 100
153 112.2 92.1 138.1
152 53.2 43.1 64.7

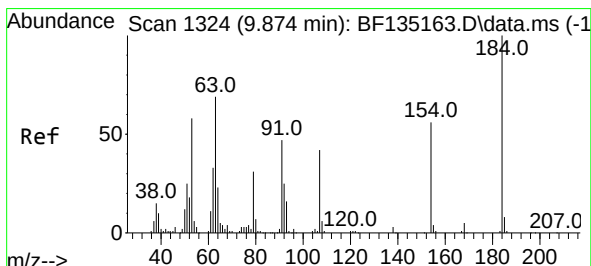
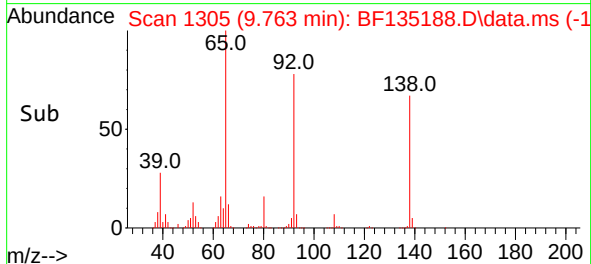
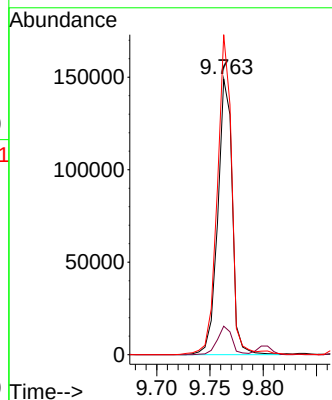
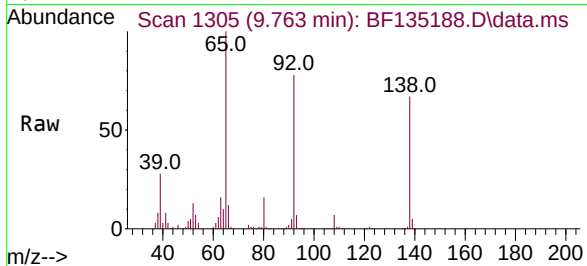




#53
3-Nitroaniline
Concen: 35.387 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

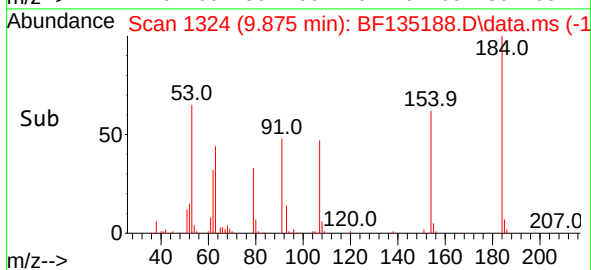
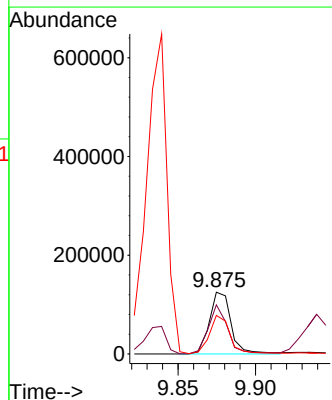
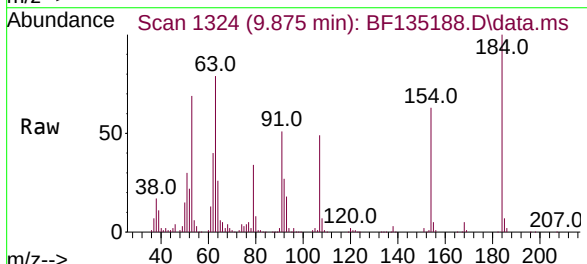
Instrument :
BNA_F
ClientSampleId :

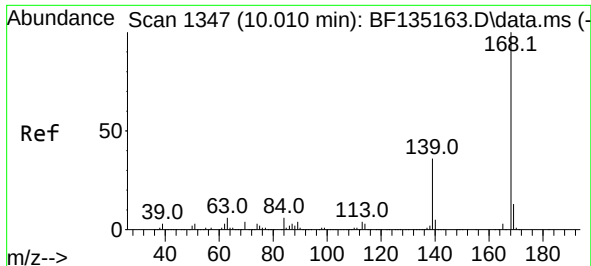
Tgt Ion:138 Resp: 141061
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 116.1 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 64.391 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Tgt Ion:184 Resp: 121585
Ion Ratio Lower Upper
184 100
63 79.5 55.1 82.7
154 62.5 48.4 72.6

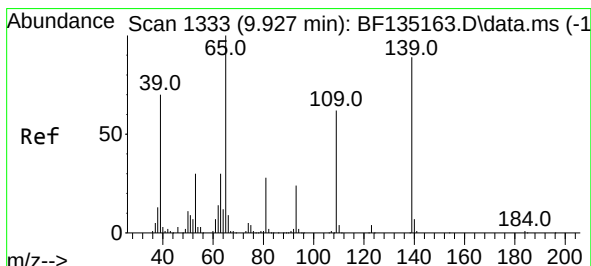
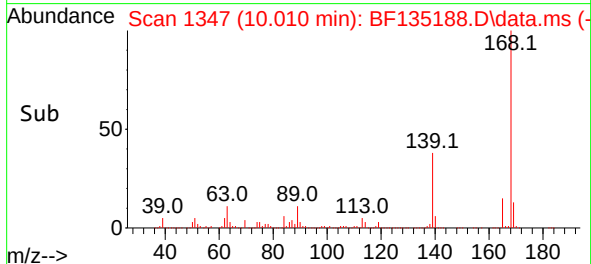
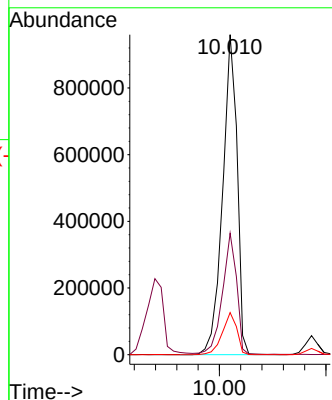
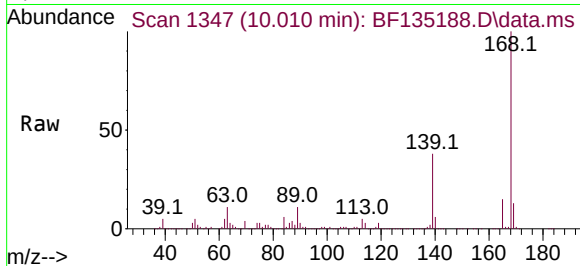




#55
Dibenzenofuran
Concen: 47.048 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

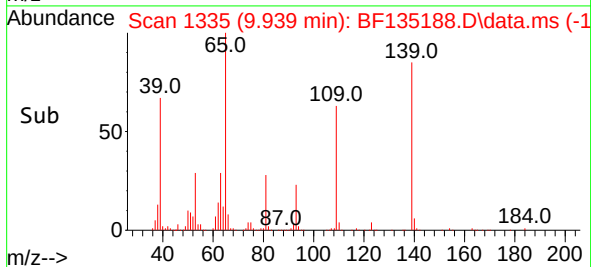
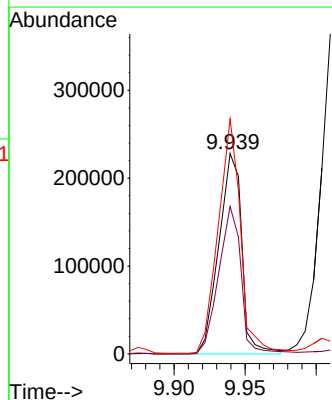
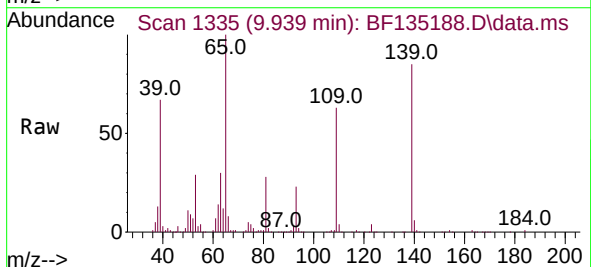
Instrument :
BNA_F
ClientSampleId :

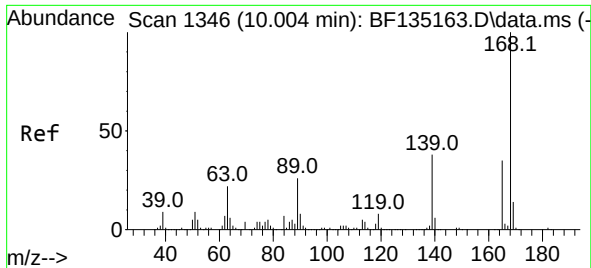
Tgt Ion:168 Resp: 901109
Ion Ratio Lower Upper
168 100
139 37.9 29.0 43.6
169 13.2 10.4 15.6



#56
4-Nitrophenol
Concen: 101.001 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

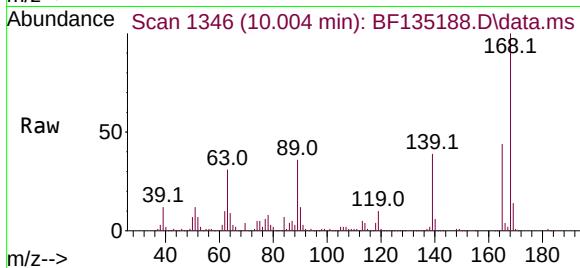
Tgt Ion:139 Resp: 255878
Ion Ratio Lower Upper
139 100
109 73.6 49.8 89.8
65 117.2 92.7 132.7



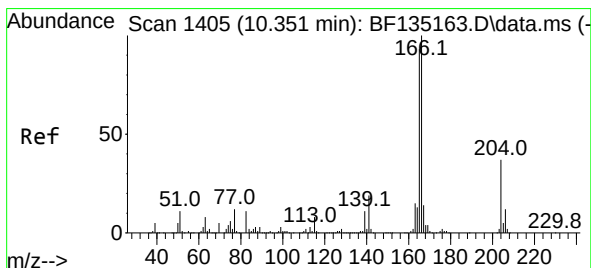
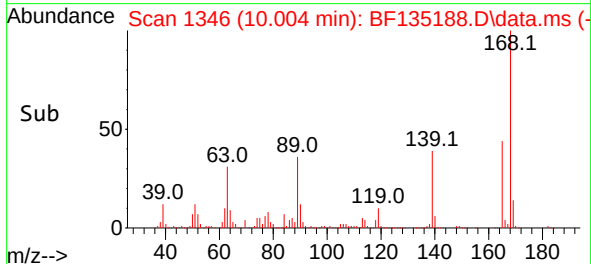
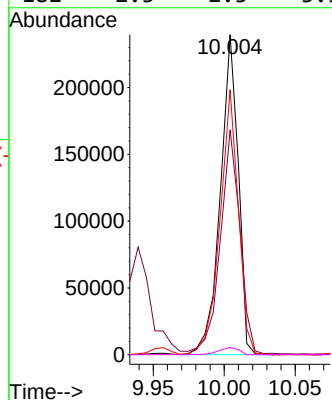


#57
2,4-Dinitrotoluene
Concen: 49.286 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Instrument :
BNA_F
ClientSampleId :

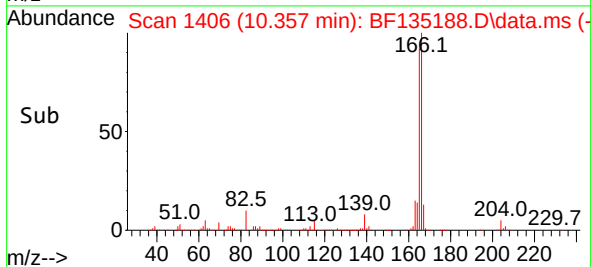
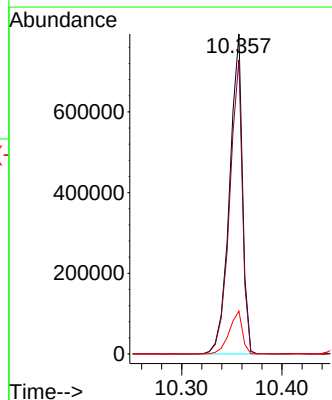
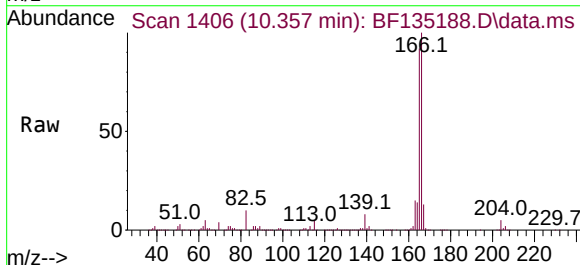


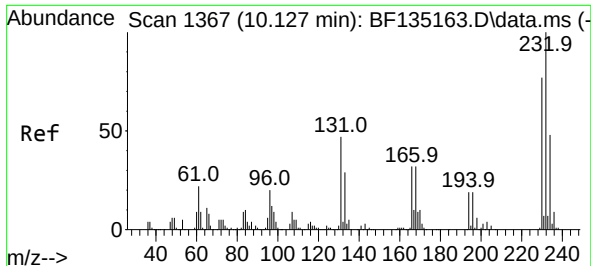
Tgt Ion:165 Resp: 209533
Ion Ratio Lower Upper
165 100
63 70.2 50.1 75.1
89 82.8 59.3 88.9
182 2.3 2.3 3.5#



#58
Fluorene
Concen: 47.937 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

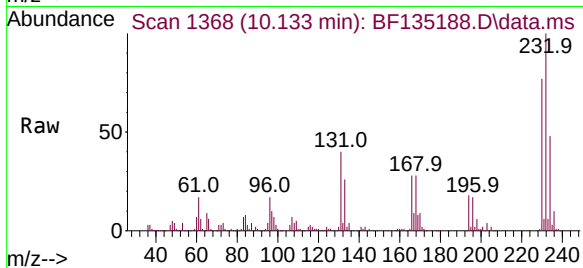
Tgt Ion:166 Resp: 705829
Ion Ratio Lower Upper
166 100
165 91.9 74.3 111.5
167 13.4 10.9 16.3



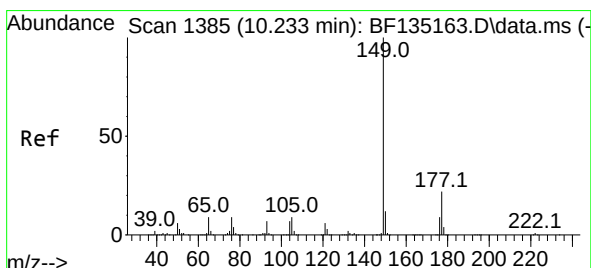
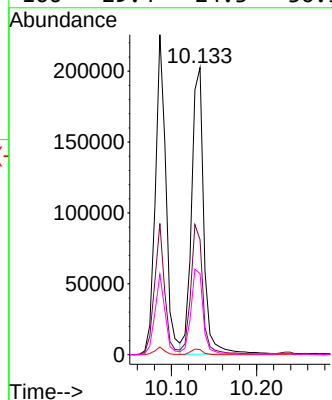
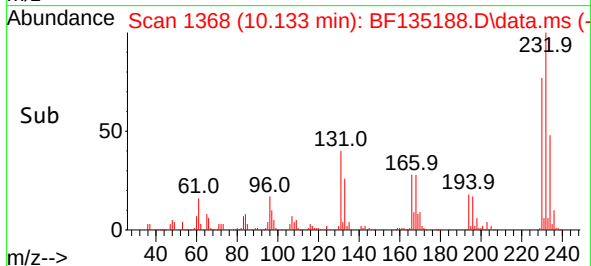


#59
2,3,4,6-Tetrachlorophenol
Concen: 51.982 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

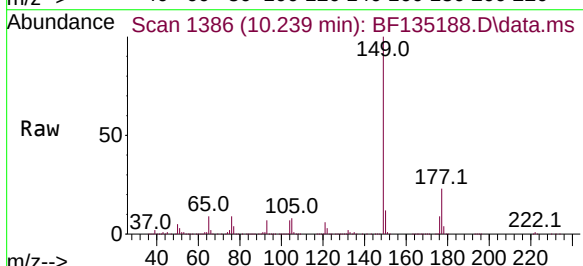
Instrument :
BNA_F
ClientSampleId :



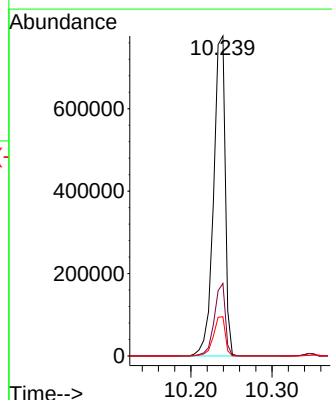
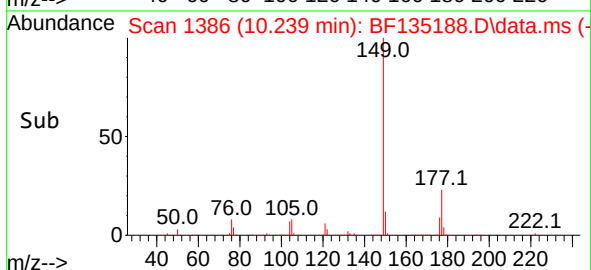
Tgt Ion:232 Resp: 200269
Ion Ratio Lower Upper
232 100
131 44.2 35.4 53.2
130 1.9 1.8 2.8
166 29.4 24.3 36.5

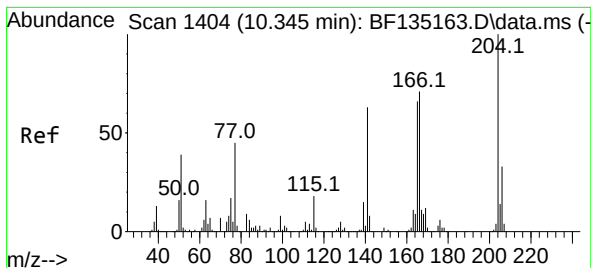


#60
Diethylphthalate
Concen: 49.552 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48



Tgt Ion:149 Resp: 770885
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.6
150 12.2 10.0 15.0

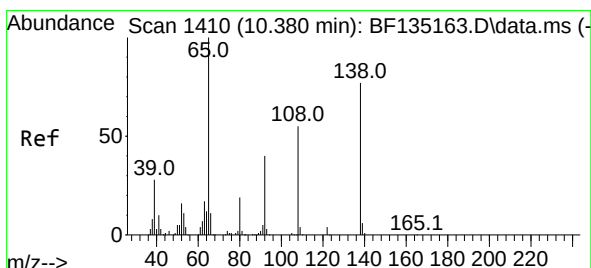
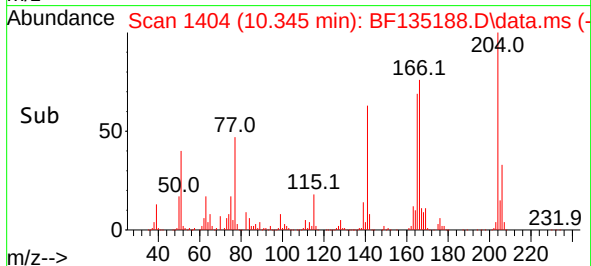
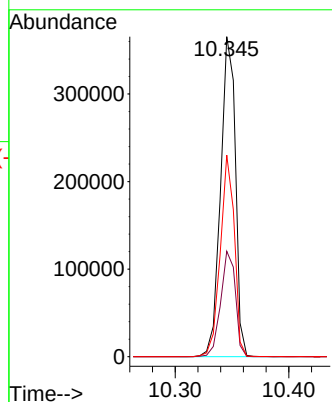
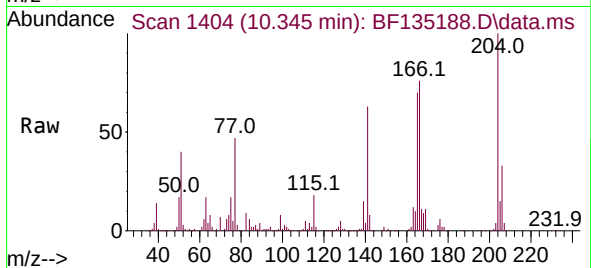




#61
4-Chlorophenyl-phenylether
Concen: 47.015 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

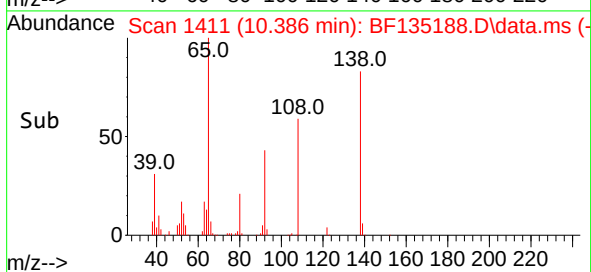
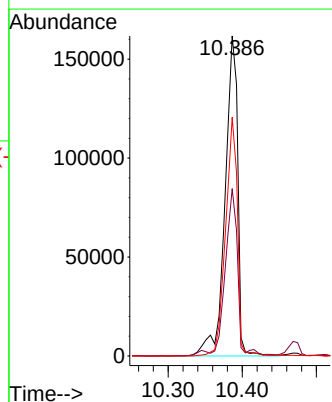
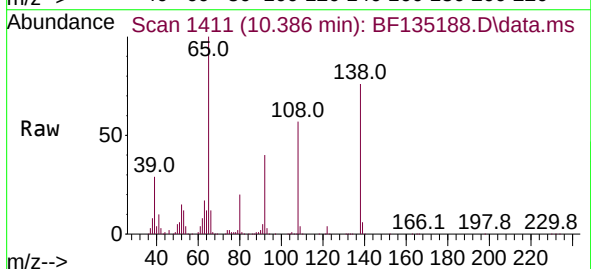
Instrument :
BNA_F
ClientSampleId :

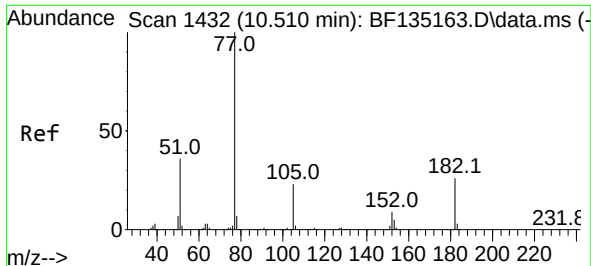
Tgt Ion:204 Resp: 332530
Ion Ratio Lower Upper
204 100
206 33.0 26.7 40.1
141 63.0 50.6 75.8



#62
4-Nitroaniline
Concen: 50.342 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Tgt Ion:138 Resp: 192896
Ion Ratio Lower Upper
138 100
92 52.3 31.8 71.8
108 74.6 52.0 92.0

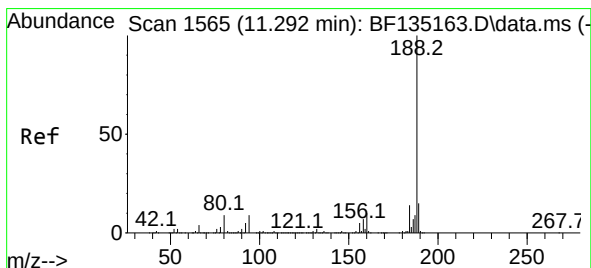
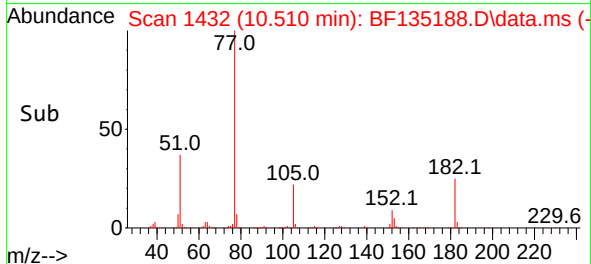
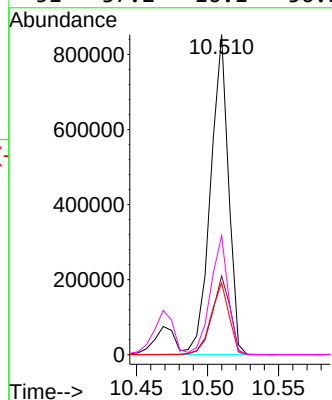
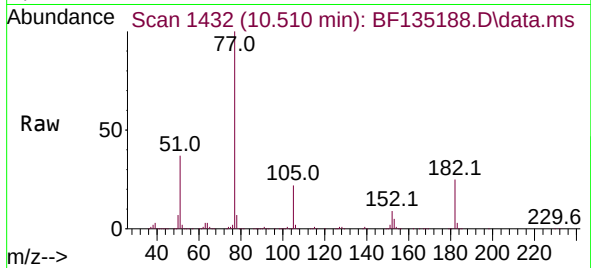




#63
Azobenzene
Concen: 48.857 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

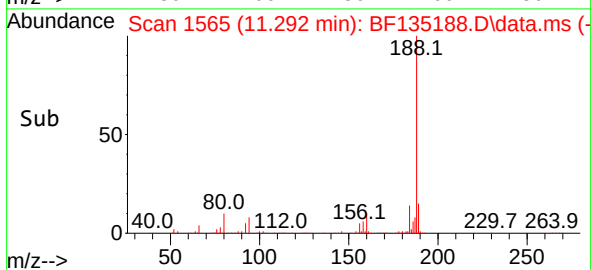
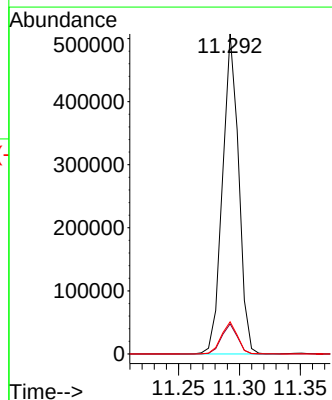
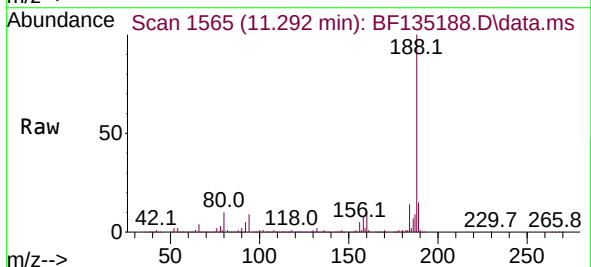
Instrument :
BNA_F
ClientSampleId :

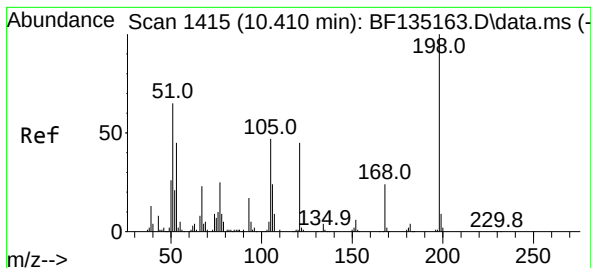
Tgt Ion: 77	Resp: 743882
Ion Ratio	Lower Upper
77 100	
182 24.6	6.4 46.4
105 22.4	3.1 43.1
51 37.2	16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Tgt Ion:188	Resp: 468853
Ion Ratio	Lower Upper
188 100	
94 9.4	7.0 10.6
80 10.0	7.5 11.3

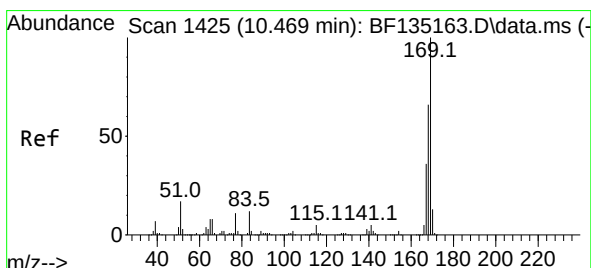
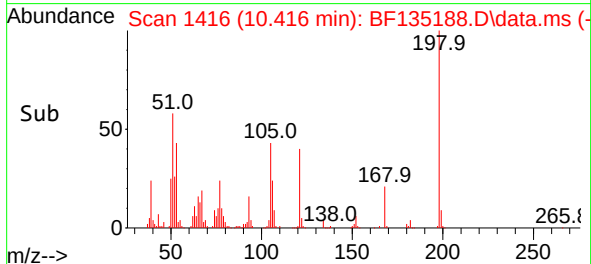
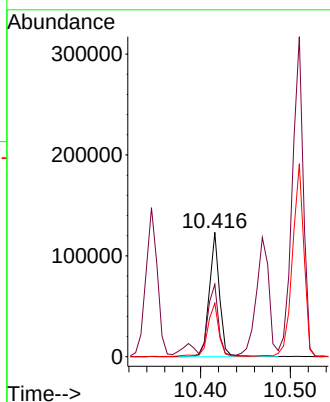
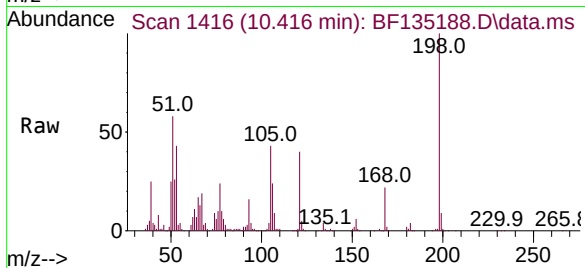




#65
4,6-Dinitro-2-methylphenol
Concen: 39.303 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

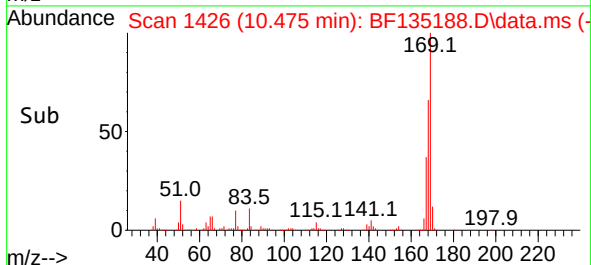
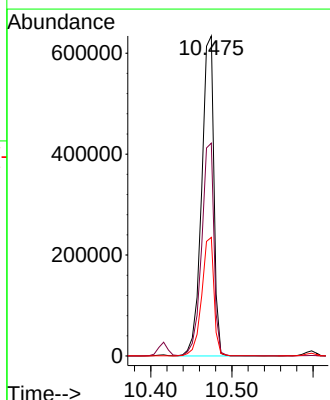
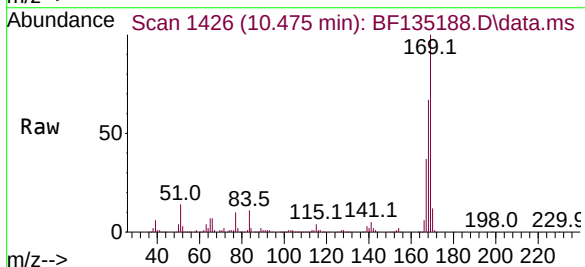
Instrument :
BNA_F
ClientSampleId :

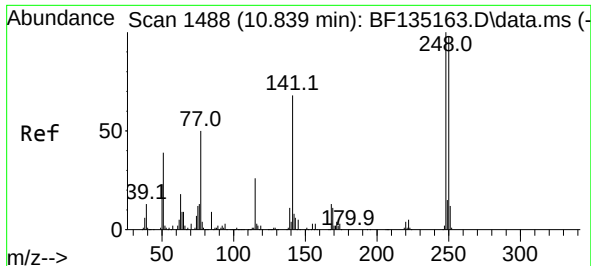
Tgt Ion	Ratio	Lower	Upper
198	100		
51	58.2	47.7	87.7
105	43.0	27.4	67.4



#66
n-Nitrosodiphenylamine
Concen: 46.632 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	52.8	79.2
167	37.0	29.0	43.6

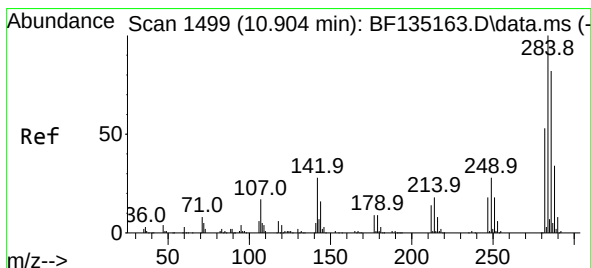
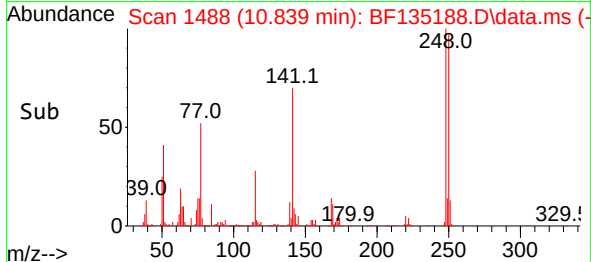
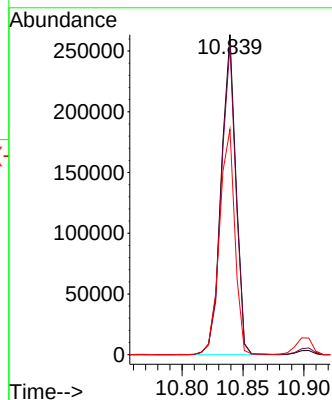
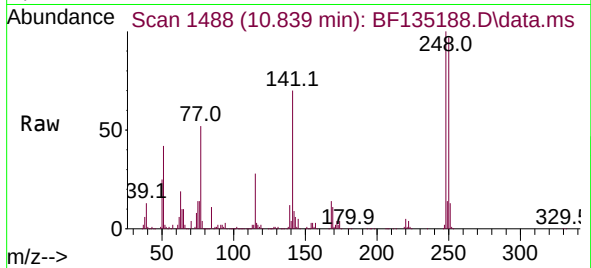




#67
4-Bromophenyl-phenylether
Concen: 47.668 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

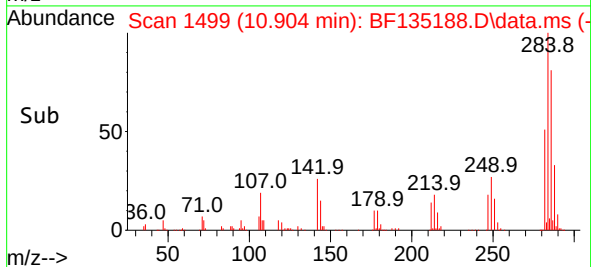
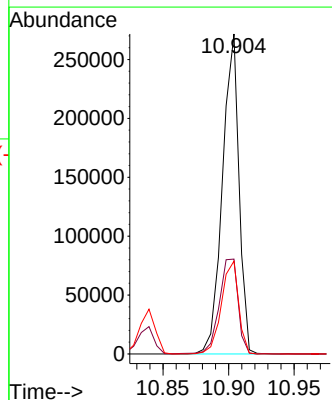
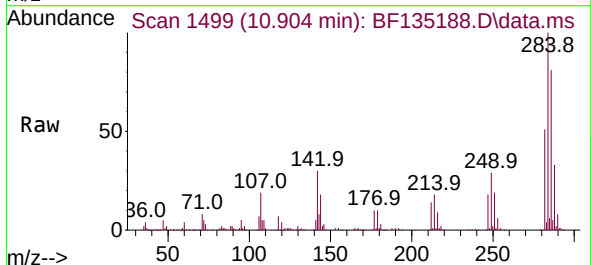
Instrument :
BNA_F
ClientSampleId :

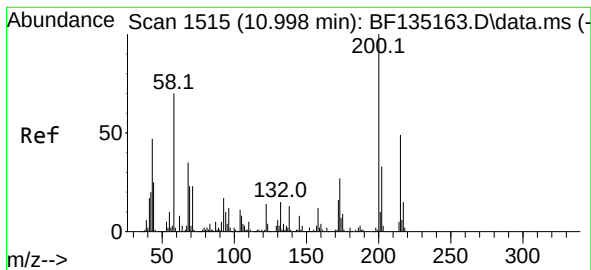
Tgt Ion:248 Resp: 222280
Ion Ratio Lower Upper
248 100
250 96.8 78.6 117.8
141 70.5 54.2 81.2



#68
Hexachlorobenzene
Concen: 50.140 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Tgt Ion:284 Resp: 238194
Ion Ratio Lower Upper
284 100
142 29.6 22.2 33.4
249 29.0 22.5 33.7





#69

Atrazine

Concen: 56.241 ng

RT: 11.004 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

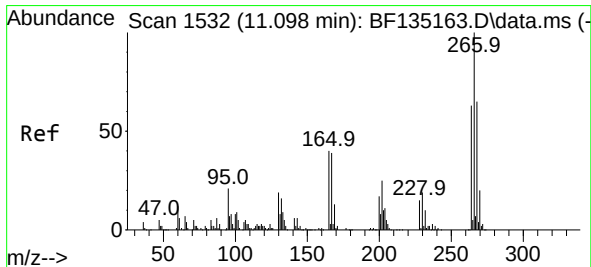
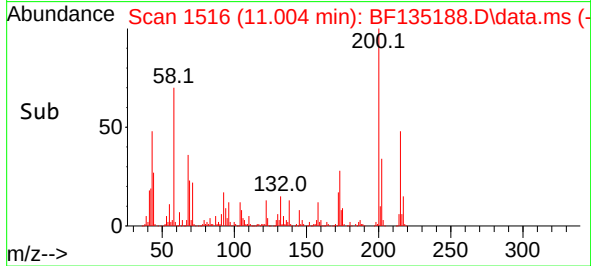
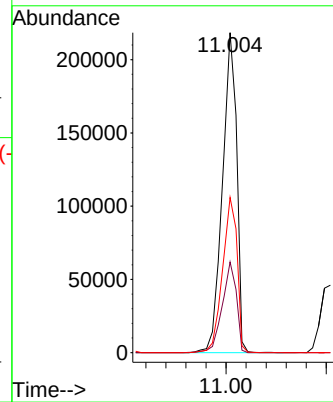
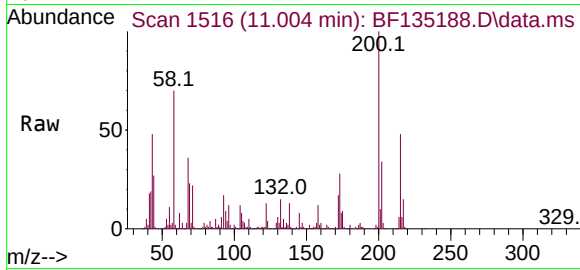
Tgt Ion:200 Resp: 214803

Ion Ratio Lower Upper

200 100

173 28.3 7.4 47.4

215 48.5 28.6 68.6



#70

Pentachlorophenol

Concen: 94.624 ng

RT: 11.104 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

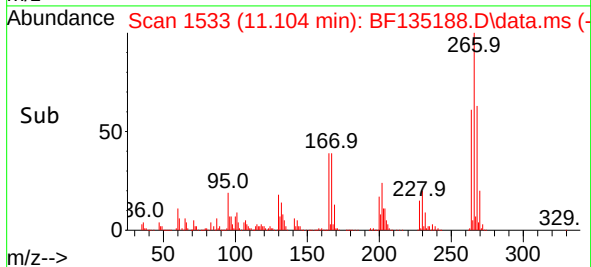
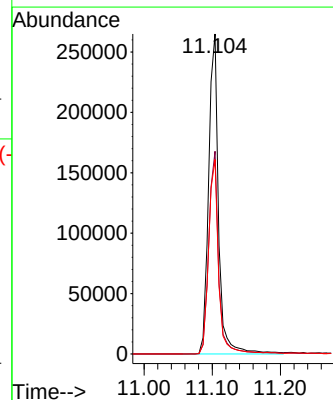
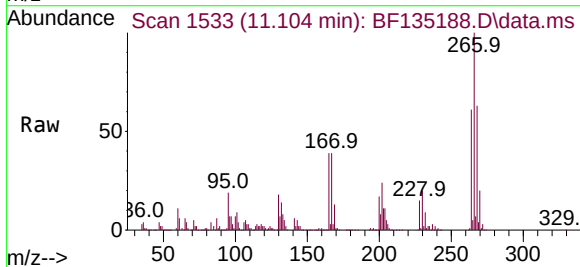
Tgt Ion:266 Resp: 268949

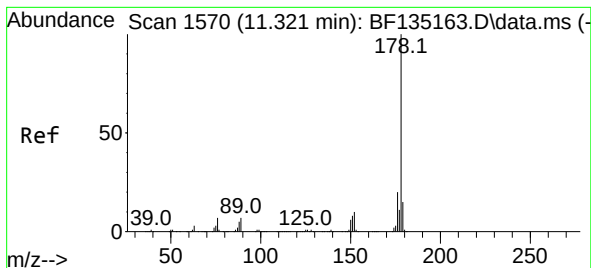
Ion Ratio Lower Upper

266 100

268 63.3 52.1 78.1

264 60.8 50.8 76.2





#71

Phenanthrene

Concen: 48.124 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

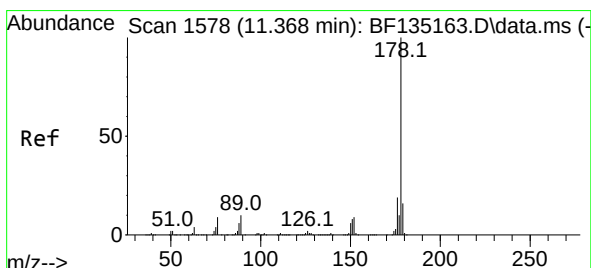
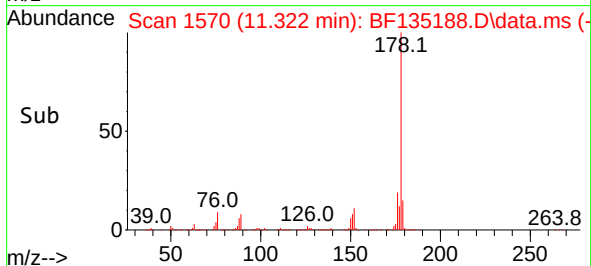
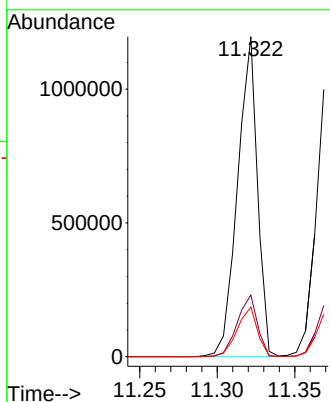
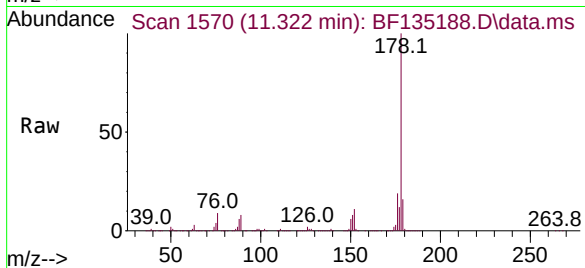
Tgt Ion:178 Resp: 1067141

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

179 15.5 12.0 18.0



#72

Anthracene

Concen: 47.704 ng

RT: 11.375 min Scan# 1579

Delta R.T. 0.006 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

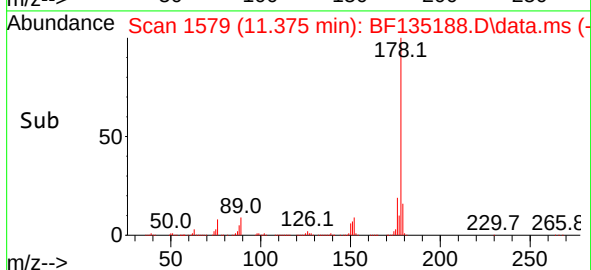
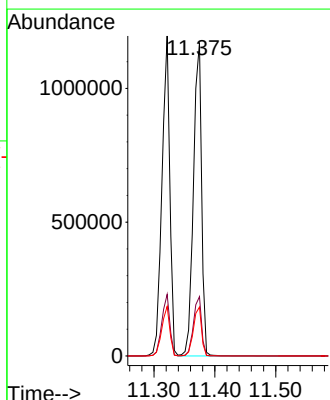
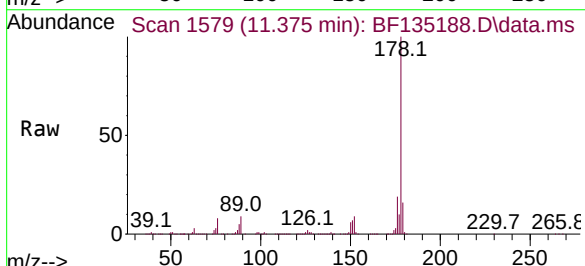
Tgt Ion:178 Resp: 1087339

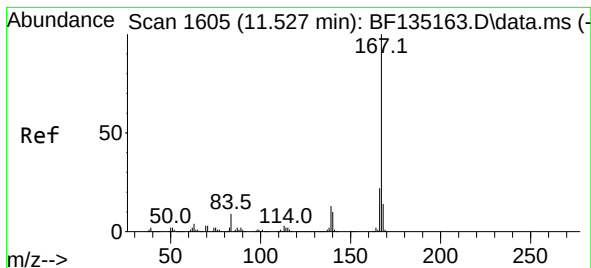
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 15.6 12.6 19.0





#73

Carbazole

Concen: 49.422 ng

RT: 11.533 min Scan# 1606

Delta R.T. 0.006 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

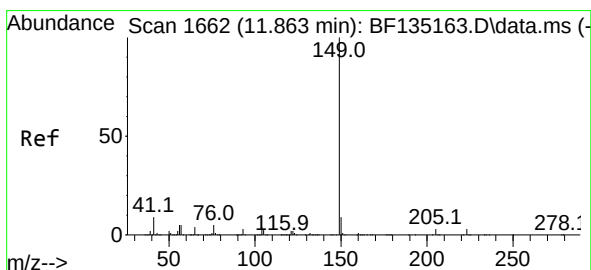
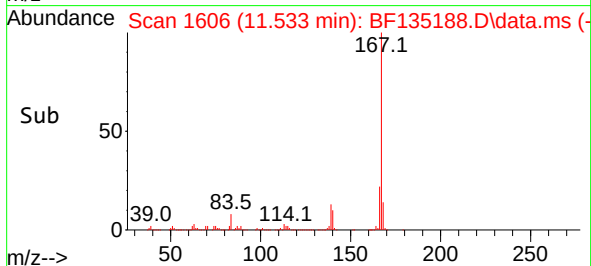
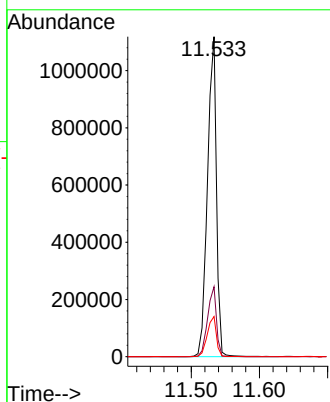
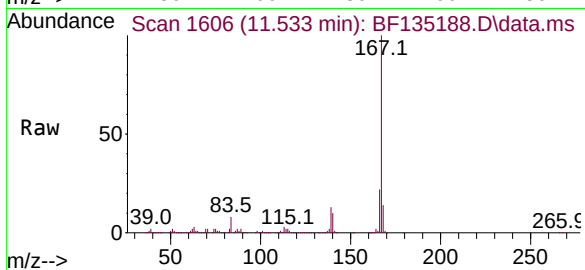
Tgt Ion:167 Resp: 1025469

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

139 12.6 10.6 15.8



#74

Di-n-butylphthalate

Concen: 50.344 ng

RT: 11.863 min Scan# 1662

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

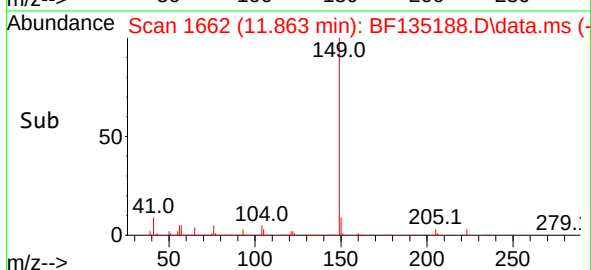
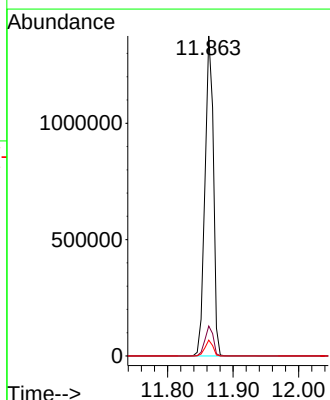
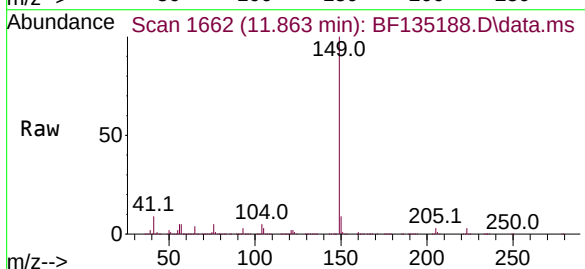
Tgt Ion:149 Resp: 1230895

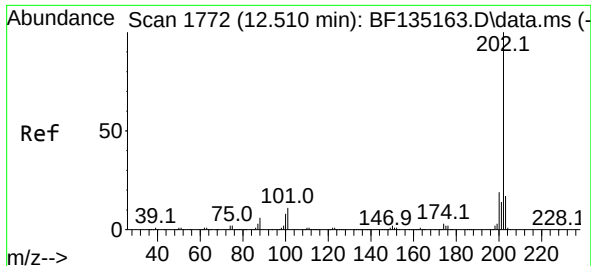
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.0 3.6 5.4

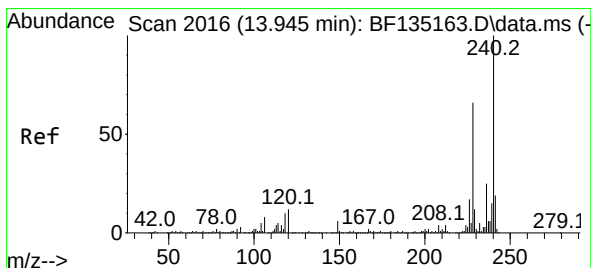
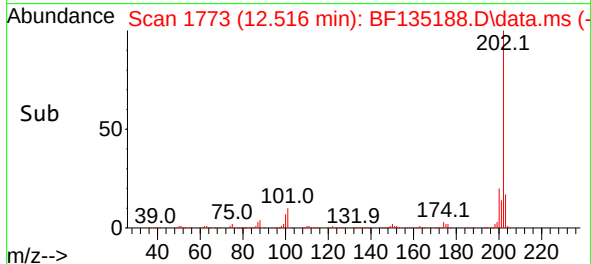
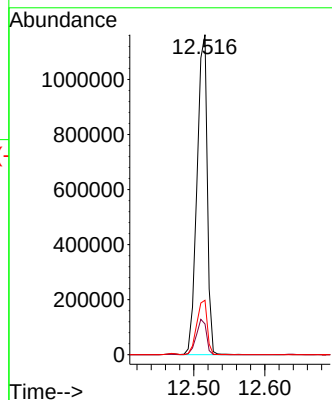
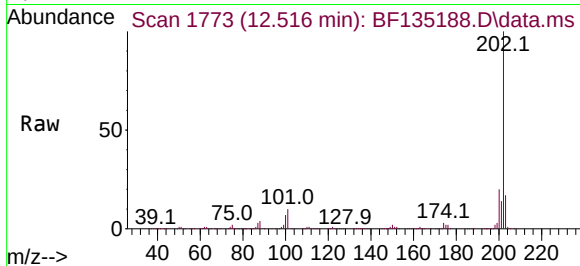




#75
Fluoranthene
Concen: 50.330 ng
RT: 12.516 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

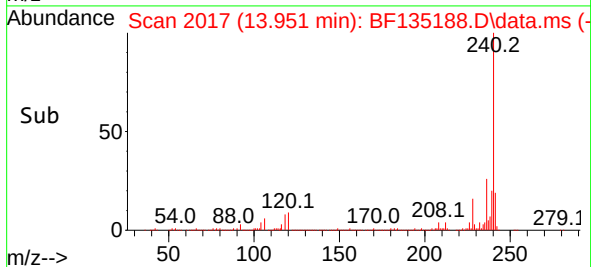
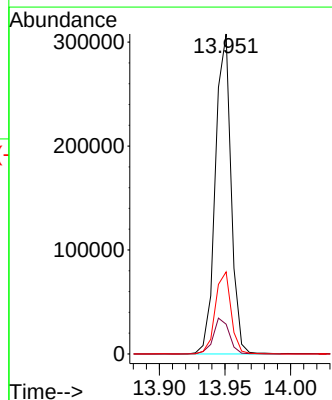
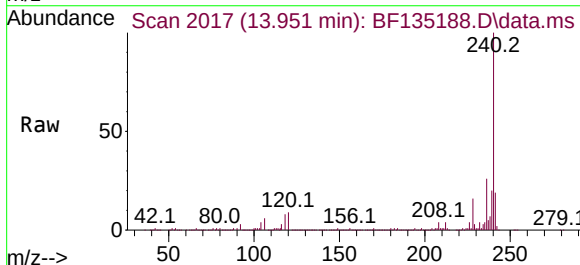
Instrument :
BNA_F
ClientSampleId :

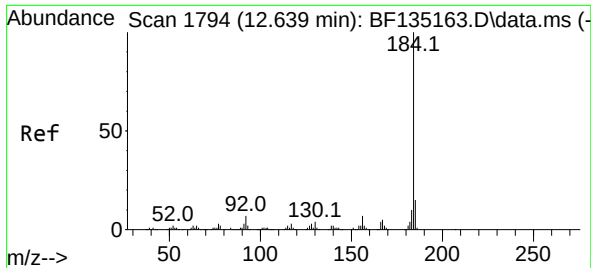
Tgt Ion:202 Resp: 1162922
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.3
203 17.0 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

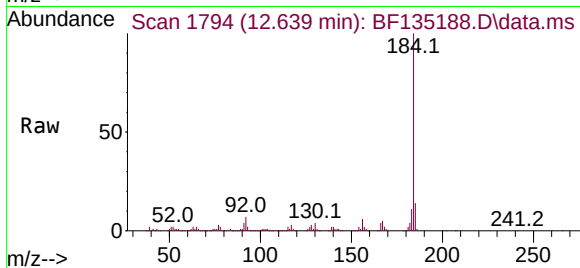
Tgt Ion:240 Resp: 255879
Ion Ratio Lower Upper
240 100
120 9.3 9.4 14.2#
236 25.6 19.8 29.8



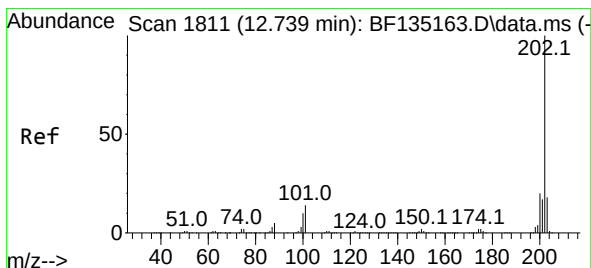
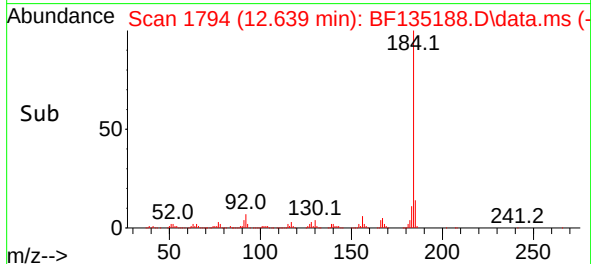
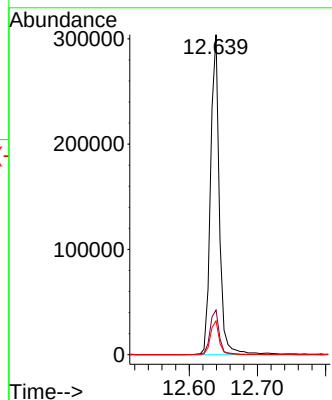


#77
Benzidine
Concen: 52.174 ng
RT: 12.639 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Instrument :
BNA_F
ClientSampleId :

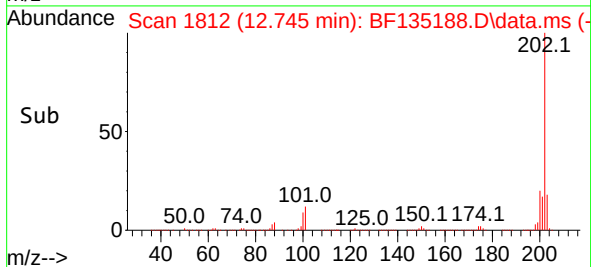
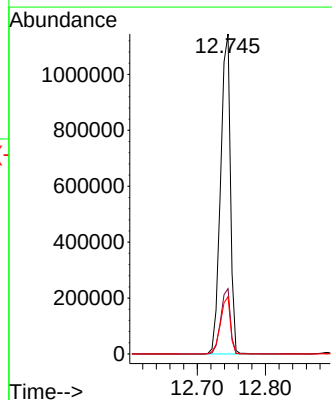
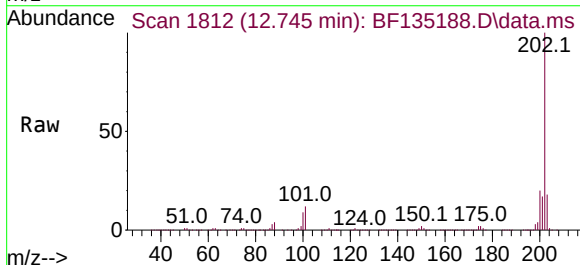


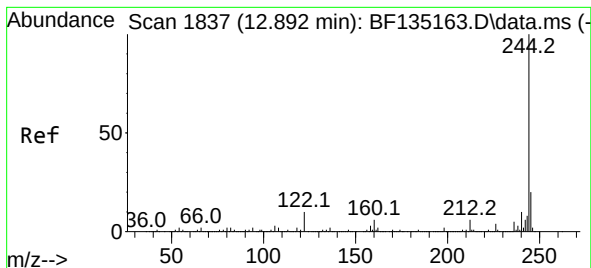
Tgt Ion:184 Resp: 273505
Ion Ratio Lower Upper
184 100
185 13.9 11.7 17.5
183 10.5 8.2 12.4



#78
Pyrene
Concen: 46.948 ng
RT: 12.745 min Scan# 1812
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Tgt Ion:202 Resp: 1143721
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 87.979 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.000 min

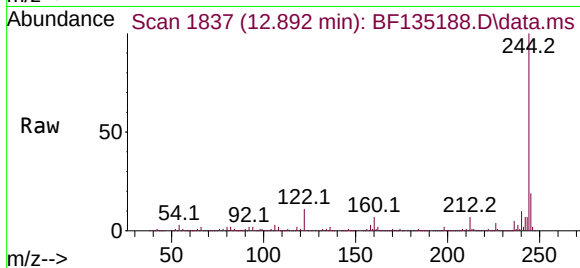
Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :



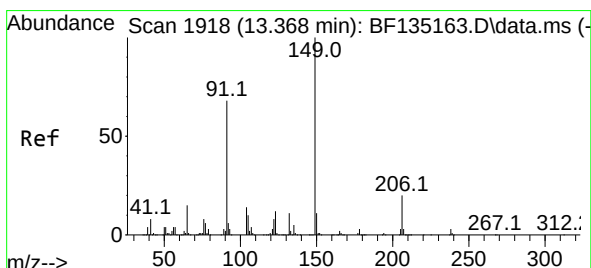
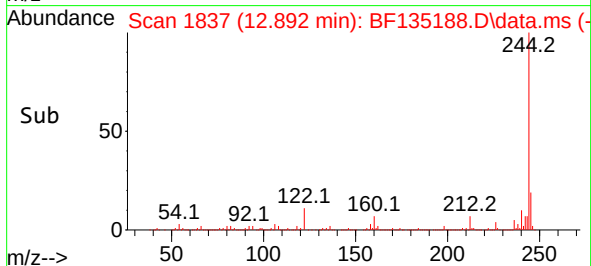
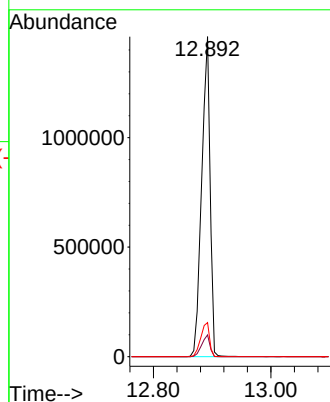
Tgt Ion:244 Resp: 1452198

Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

122 10.7 7.9 11.9



#80

Butylbenzylphthalate

Concen: 53.909 ng

RT: 13.369 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

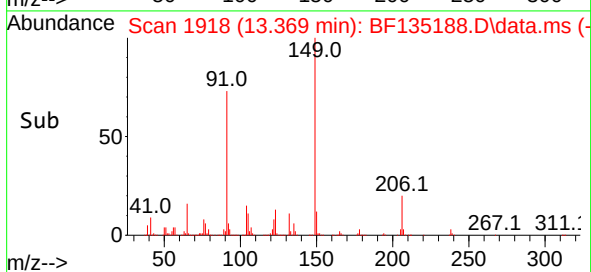
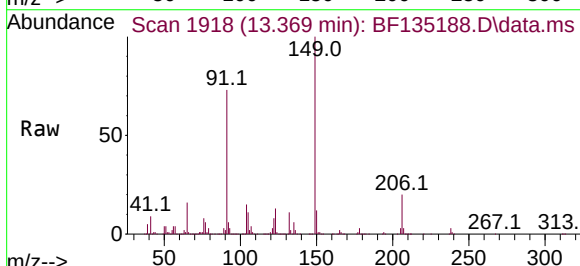
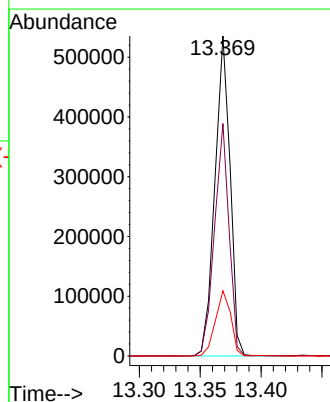
Tgt Ion:149 Resp: 462396

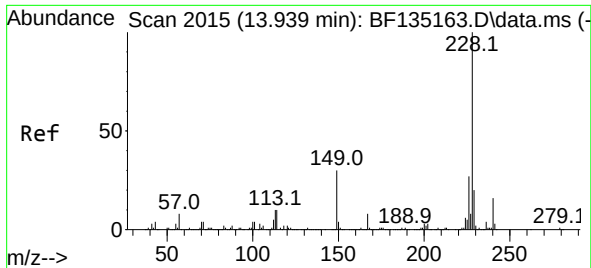
Ion Ratio Lower Upper

149 100

91 72.7 54.7 82.1

206 20.4 16.3 24.5

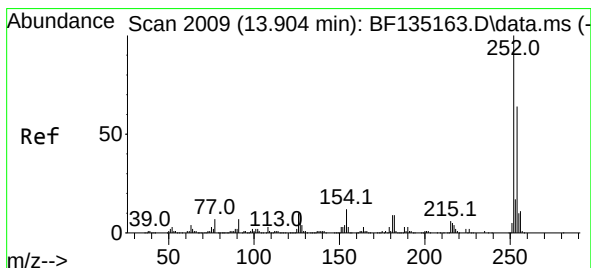
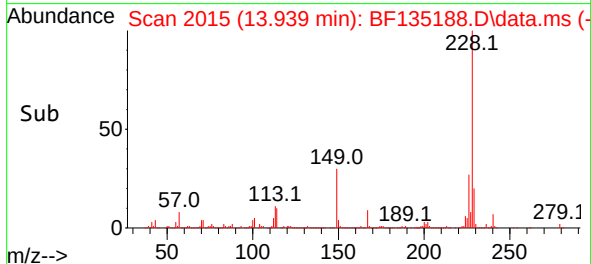
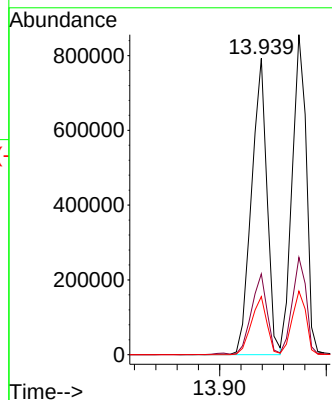
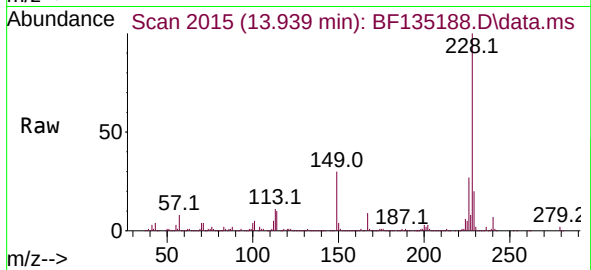




#81
Benzo(a)anthracene
Concen: 48.497 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

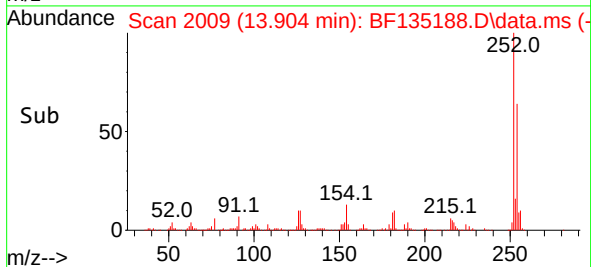
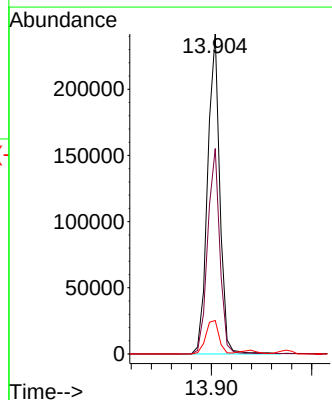
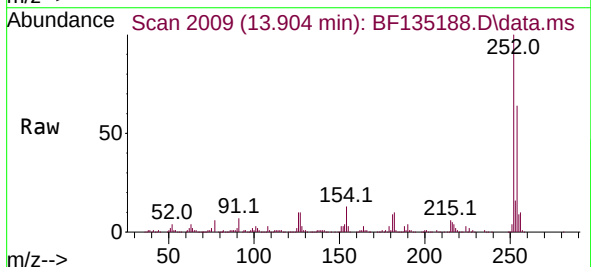
Instrument :
BNA_F
ClientSampleId :

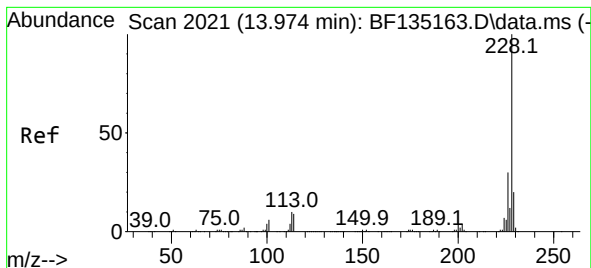
Tgt Ion:228 Resp: 801308
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 19.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 39.810 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Tgt Ion:252 Resp: 205459
Ion Ratio Lower Upper
252 100
254 64.2 51.0 76.4
126 10.4 7.8 11.8





#83

Chrysene

Concen: 48.216 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

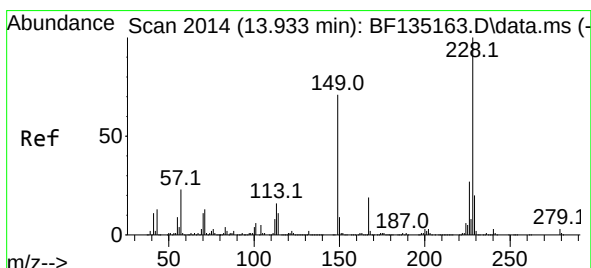
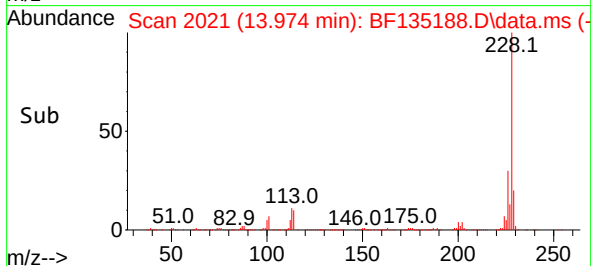
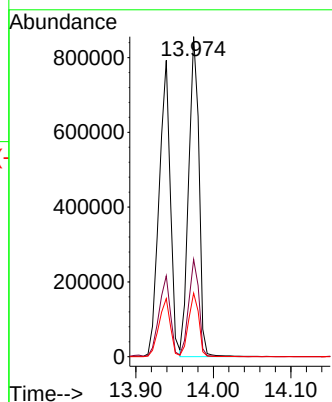
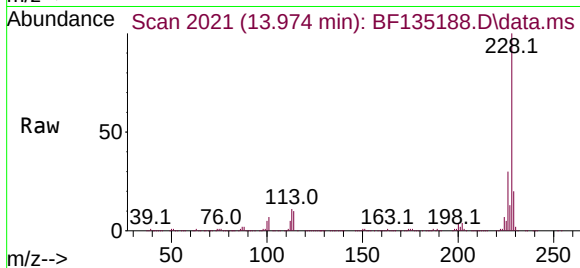
Tgt Ion:228 Resp: 792072

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.408 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

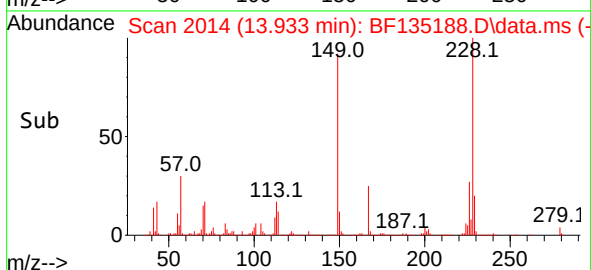
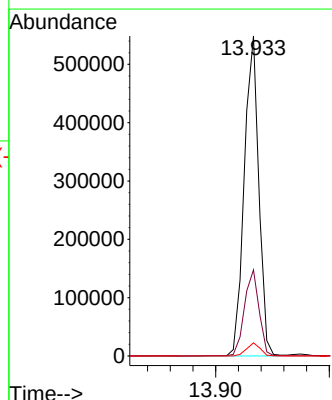
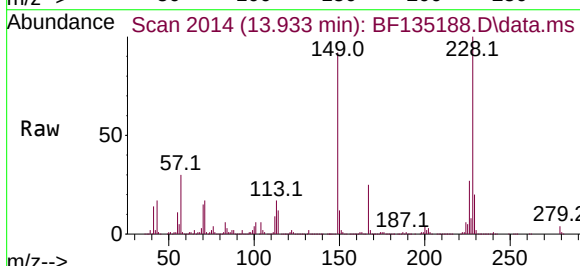
Tgt Ion:149 Resp: 487693

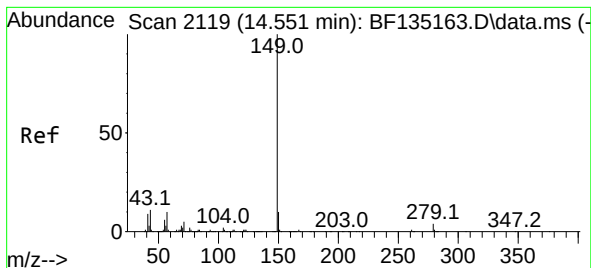
Ion Ratio Lower Upper

149 100

167 26.9 21.9 32.9

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 53.192 ng

RT: 14.551 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

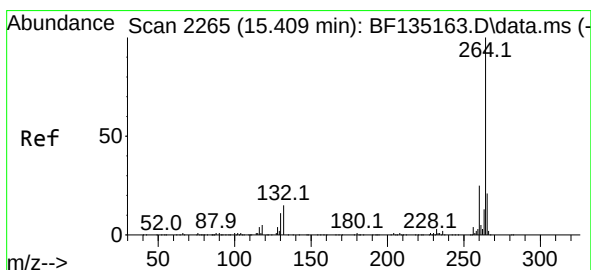
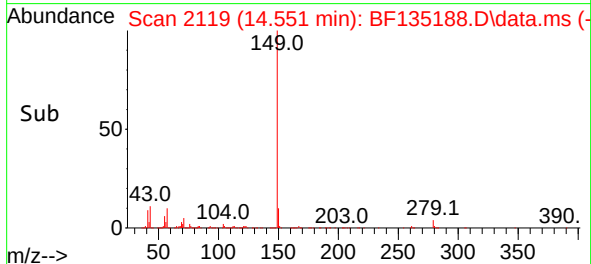
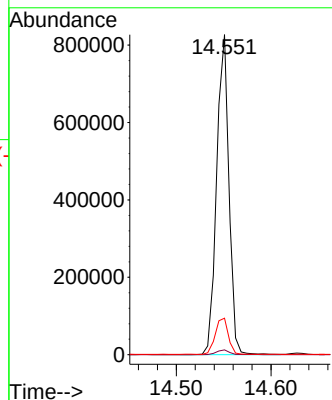
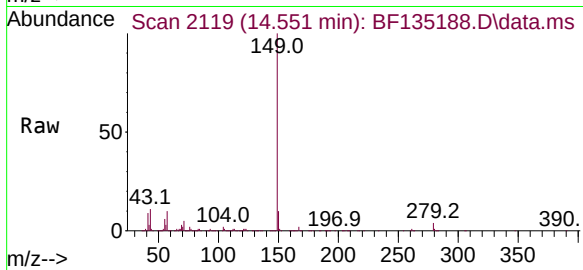
Tgt Ion:149 Resp: 744047

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.0 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

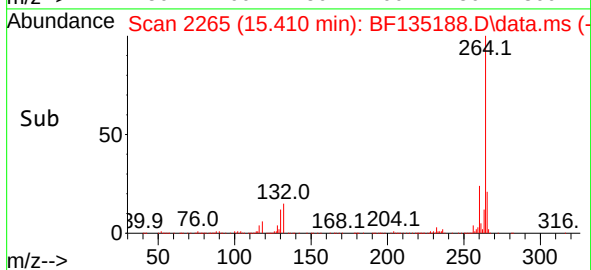
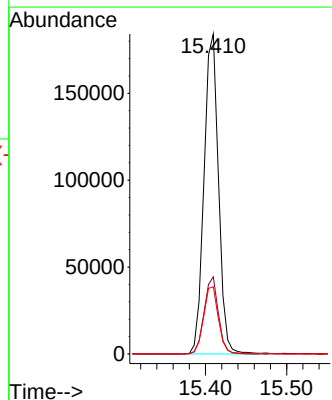
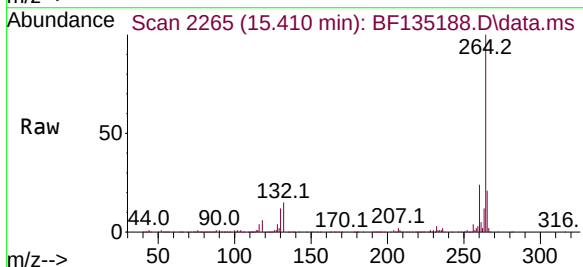
Tgt Ion:264 Resp: 228242

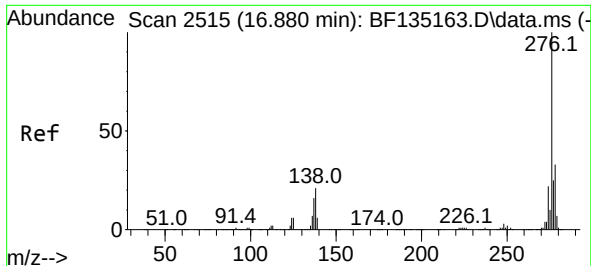
Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.6

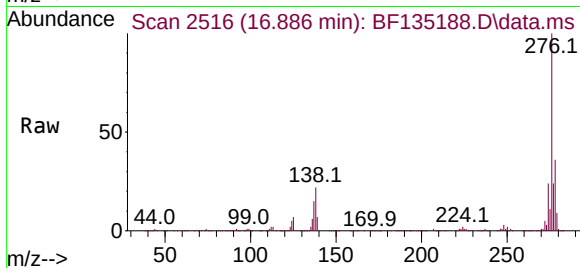
265 21.0 17.0 25.4



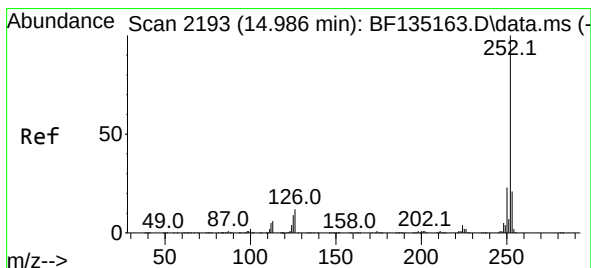
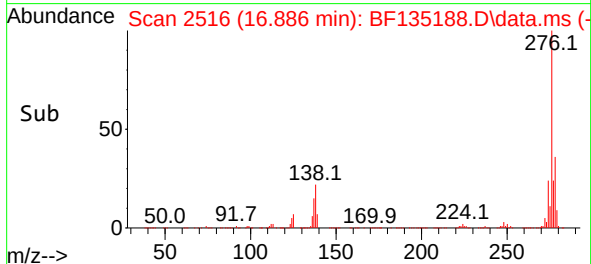
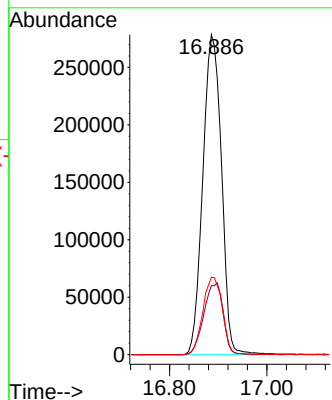


#87
Indeno(1,2,3-cd)pyrene
Concen: 49.402 ng
RT: 16.886 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Instrument :
BNA_F
ClientSampleId :

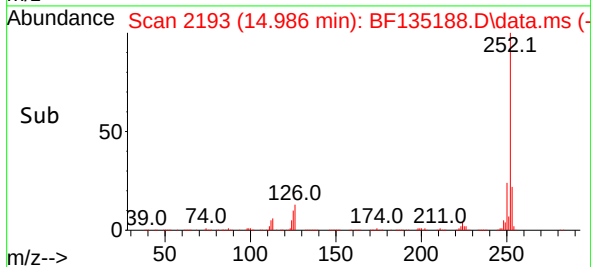
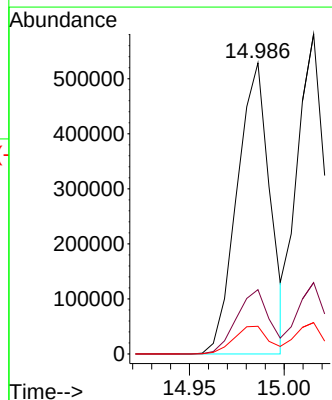
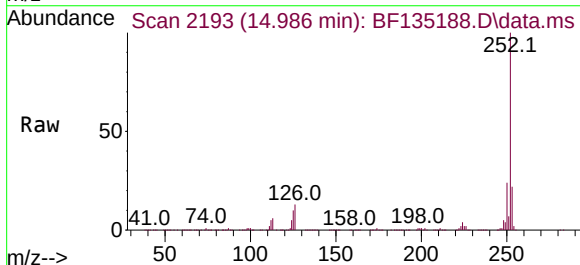


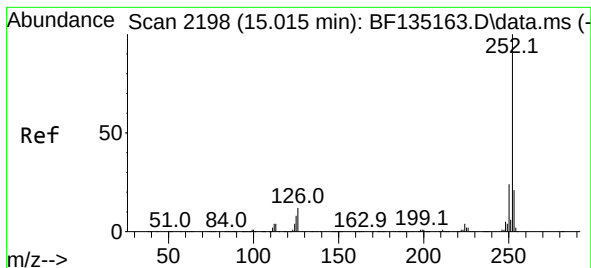
Tgt Ion:276 Resp: 739308
Ion Ratio Lower Upper
276 100
138 23.4 19.2 28.8
277 25.1 19.7 29.5



#88
Benzo(b)fluoranthene
Concen: 51.687 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135188.D
Acq: 12 Sep 2023 18:48

Tgt Ion:252 Resp: 638618
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 9.5 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 48.454 ng

RT: 15.016 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

Instrument :

BNA_F

ClientSampleId :

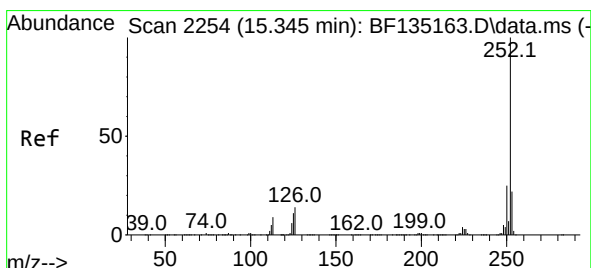
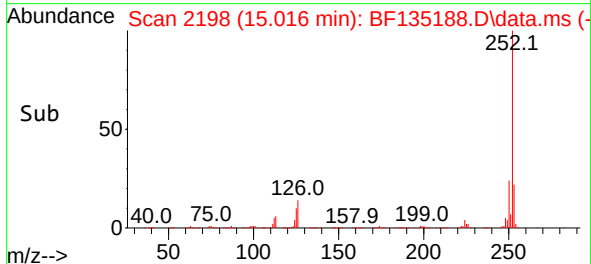
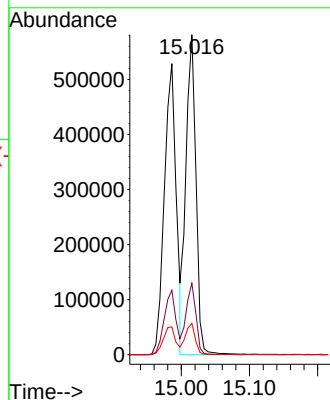
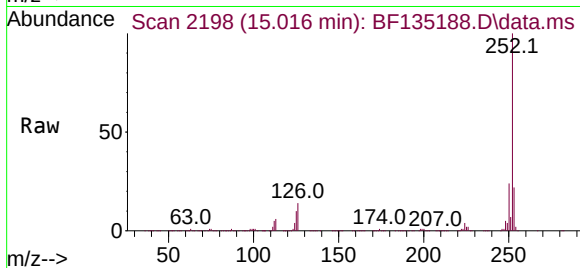
Tgt Ion:252 Resp: 591389

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 9.8 7.2 10.8



#90

Benzo(a)pyrene

Concen: 46.756 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135188.D

Acq: 12 Sep 2023 18:48

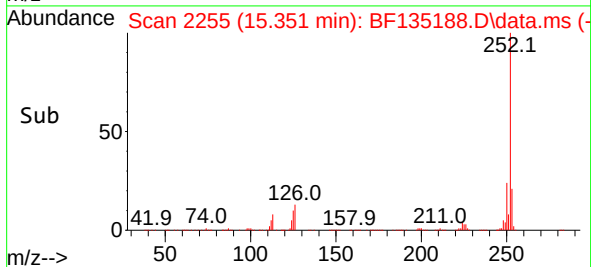
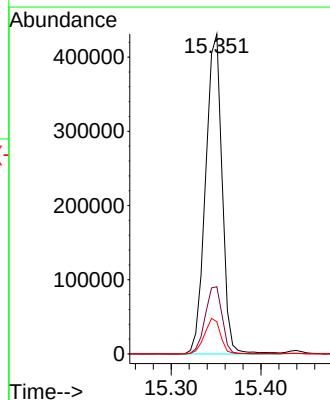
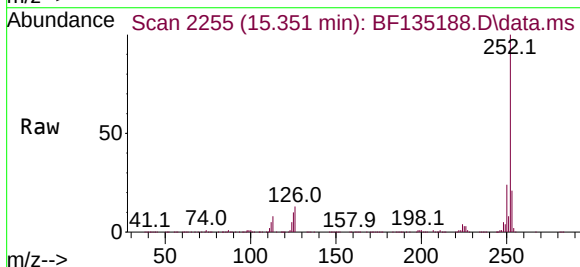
Tgt Ion:252 Resp: 550914

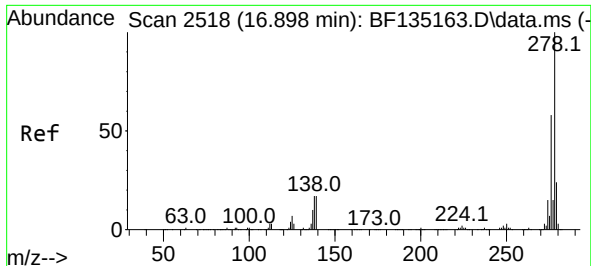
Ion Ratio Lower Upper

252 100

253 21.0 17.5 26.3

125 10.0 9.2 13.8

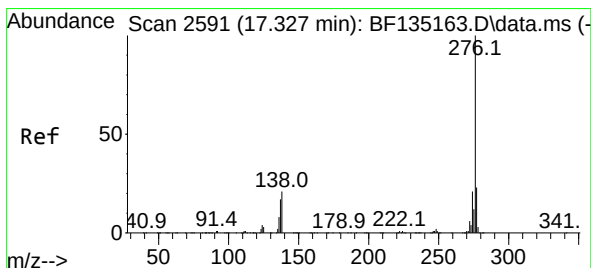
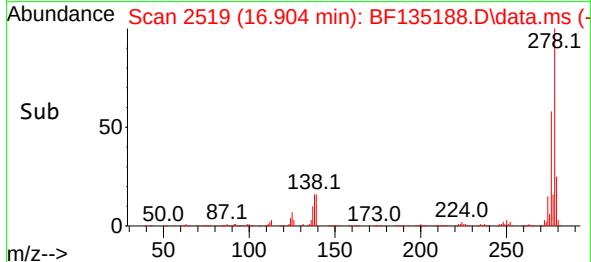
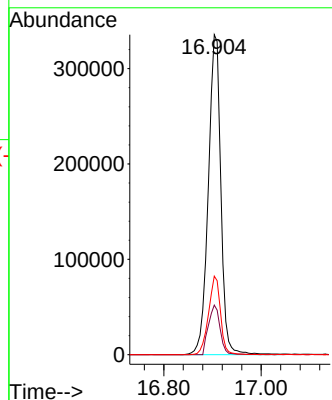
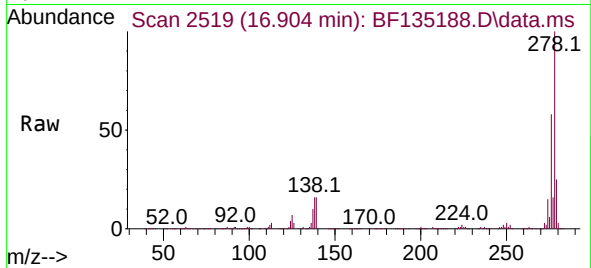




#91
 Dibenzo(a,h)anthracene
 Concen: 48.855 ng
 RT: 16.904 min Scan# 2518
 Delta R.T. 0.006 min
 Lab File: BF135188.D
 Acq: 12 Sep 2023 18:48

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:278 Resp: 598213
 Ion Ratio Lower Upper
 278 100
 139 15.5 13.4 20.0
 279 24.5 19.0 28.6



#92
 Benzo(g,h,i)perylene
 Concen: 49.942 ng
 RT: 17.339 min Scan# 2593
 Delta R.T. 0.012 min
 Lab File: BF135188.D
 Acq: 12 Sep 2023 18:48

Tgt Ion:276 Resp: 638651
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.8 28.2
 138 20.8 16.9 25.3

