

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135176.D
 Acq On : 12 Sep 2023 12:04
 Operator : CG\JU
 Sample : PB155213BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155213BS

Quant Time: Sep 13 02:00:44 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	109902	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	421440	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	216310	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	405235	20.000	ng	0.00
76) Chrysene-d12	13.945	240	217500	20.000	ng	0.00
86) Perylene-d12	15.410	264	205916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	886178	131.146	ng	0.02
7) Phenol-d6	6.410	99	1124923	130.924	ng	0.00
23) Nitrobenzene-d5	7.334	82	703568	90.700	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	296529	137.946	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1266385	88.328	ng	0.00
79) Terphenyl-d14	12.892	244	1294813	92.285	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	113521	38.323	ng	99
3) Pyridine	3.334	79	293599	36.827	ng	99
4) n-Nitrosodimethylamine	3.287	42	191221	45.199	ng	97
6) Aniline	6.434	93	349920	31.057	ng	99
8) 2-Chlorophenol	6.551	128	350100	48.535	ng	97
9) Benzaldehyde	6.316	77	126102	25.763	ng	98
10) Phenol	6.422	94	413872	43.928	ng	93
11) bis(2-Chloroethyl)ether	6.510	93	312501	44.218	ng	100
12) 1,3-Dichlorobenzene	6.704	146	336113	45.849	ng	99
13) 1,4-Dichlorobenzene	6.781	146	339523	45.522	ng	99
14) 1,2-Dichlorobenzene	6.934	146	327542	47.290	ng	97
15) Benzyl Alcohol	6.916	79	290764	47.159	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.046	45	595946	44.737	ng	99
17) 2-Methylphenol	7.028	107	267970	42.097	ng	98
18) Hexachloroethane	7.269	117	127040	46.099	ng	93
19) n-Nitroso-di-n-propyla...	7.187	70	228294	42.897	ng	99
20) 3+4-Methylphenols	7.181	107	320705	41.899	ng	95
22) Acetophenone	7.175	105	448409	46.539	ng	# 99
24) Nitrobenzene	7.351	77	352064	45.919	ng	99
25) Isophorone	7.593	82	652440	45.804	ng	98
26) 2-Nitrophenol	7.663	139	178512	48.511	ng	98
27) 2,4-Dimethylphenol	7.704	122	300019	48.505	ng	98
28) bis(2-Chloroethoxy)met...	7.798	93	402083	47.162	ng	99
29) 2,4-Dichlorophenol	7.904	162	274697	47.928	ng	99
30) 1,2,4-Trichlorobenzene	7.987	180	288237	48.115	ng	99
31) Naphthalene	8.069	128	955737	46.675	ng	100
32) Benzoic acid	7.845	122	228266	49.010	ng	98
33) 4-Chloroaniline	8.116	127	171418	19.081	ng	97
34) Hexachlorobutadiene	8.181	225	170763	47.274	ng	99
35) Caprolactam	8.498	113	51460	26.753	ng	93
36) 4-Chloro-3-methylphenol	8.610	107	305713	47.993	ng	99
37) 2-Methylnaphthalene	8.757	142	609495	44.281	ng	100
38) 1-Methylnaphthalene	8.857	142	566146	43.933	ng	99
40) 1,2,4,5-Tetrachloroben...	8.928	216	288311	46.007	ng	99
41) Hexachlorocyclopentadiene	8.910	237	275284	97.876	ng	98
43) 2,4,6-Trichlorophenol	9.040	196	194576	47.422	ng	98

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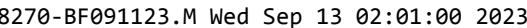
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.087	196	212234	44.916	ng	98
46) 1,1'-Biphenyl	9.228	154	764112	45.967	ng	100
47) 2-Chloronaphthalene	9.251	162	573558	47.555	ng	99
48) 2-Nitroaniline	9.351	65	217702	46.461	ng	96
49) Acenaphthylene	9.669	152	911287	45.463	ng	100
50) Dimethylphthalate	9.534	163	675236	46.171	ng	100
51) 2,6-Dinitrotoluene	9.598	165	152257	47.524	ng	89
52) Acenaphthene	9.839	154	550829	46.518	ng	96
53) 3-Nitroaniline	9.763	138	112633	29.950	ng	98
54) 2,4-Dinitrophenol	9.881	184	159456	87.073	ng	99
55) Dibenzofuran	10.010	168	802066	44.388	ng	97
56) 4-Nitrophenol	9.939	139	234013	97.908	ng	99
57) 2,4-Dinitrotoluene	10.004	165	188628	47.029	ng	93
58) Fluorene	10.357	166	630095	45.359	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.134	232	177869	48.935	ng	98
60) Diethylphthalate	10.234	149	667013	45.445	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	298541	44.740	ng	98
62) 4-Nitroaniline	10.386	138	166189	45.972	ng	99
63) Azobenzene	10.510	77	647705	45.091	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	110446	51.315	ng	93
66) n-Nitrosodiphenylamine	10.469	169	585736	47.744	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	189504	47.019	ng	96
68) Hexachlorobenzene	10.904	284	207978	50.652	ng	97
69) Atrazine	11.004	200	188323	57.049	ng	100
70) Pentachlorophenol	11.104	266	223907	91.144	ng	98
71) Phenanthrene	11.322	178	922666	48.141	ng	99
72) Anthracene	11.375	178	932210	47.319	ng	99
73) Carbazole	11.533	167	879535	49.044	ng	100
74) Di-n-butylphthalate	11.863	149	1030614	48.770	ng	99
75) Fluoranthene	12.516	202	965778	48.360	ng	98
77) Benzidine	12.639	184	294173	66.019	ng	98
78) Pyrene	12.745	202	985739	47.603	ng	99
80) Butylbenzylphthalate	13.369	149	363811	49.900	ng	96
81) Benzo(a)anthracene	13.939	228	665480	47.383	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	142014	32.373	ng	95
83) Chrysene	13.974	228	647188	46.348	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	376877	50.373	ng	99
85) Di-n-octyl phthalate	14.551	149	592677	49.847	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	682370	50.541	ng	99
88) Benzo(b)fluoranthene	14.986	252	571680	51.286	ng	99
89) Benzo(k)fluoranthene	15.016	252	554430	50.351	ng	100
90) Benzo(a)pyrene	15.345	252	503530	47.368	ng	100
91) Dibenzo(a,h)anthracene	16.904	278	555875	50.319	ng	98
92) Benzo(g,h,i)perylene	17.333	276	580589	50.324	ng	100

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

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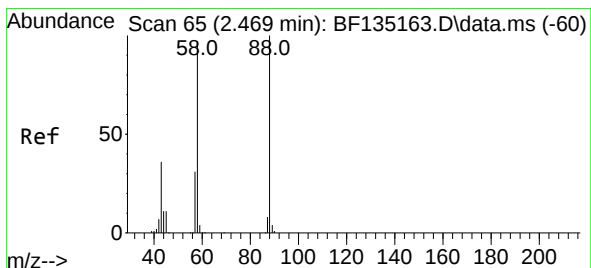
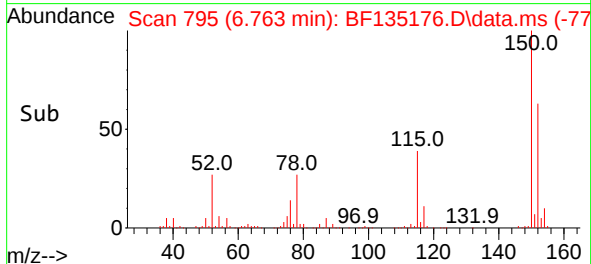
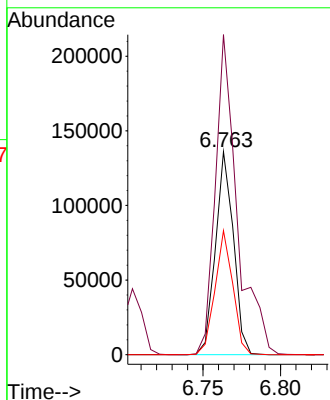
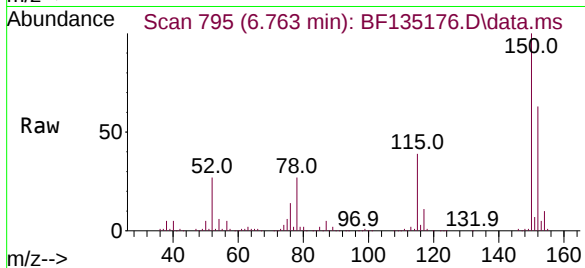




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135176.D
 Acq: 12 Sep 2023 12:04

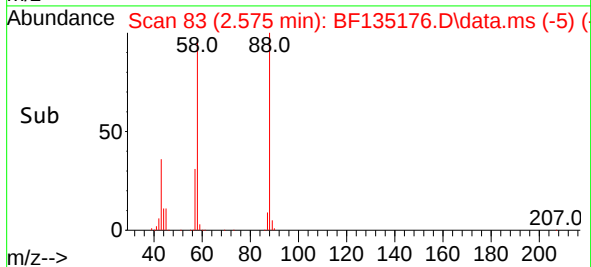
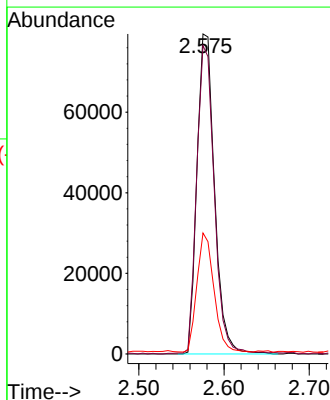
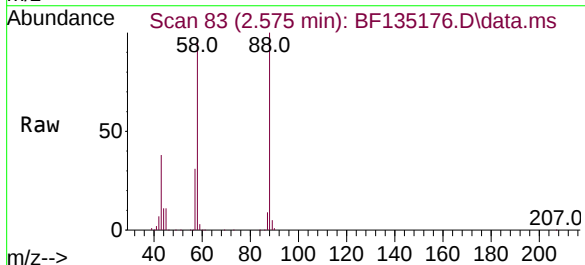
Instrument :
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Tgt Ion:152 Resp: 109902
 Ion Ratio Lower Upper
 152 100
 150 157.6 127.8 191.6
 115 61.1 49.8 74.8



#2
 1,4-Dioxane
 Concen: 38.323 ng
 RT: 2.575 min Scan# 83
 Delta R.T. 0.106 min
 Lab File: BF135176.D
 Acq: 12 Sep 2023 12:04

Tgt Ion: 88 Resp: 113521
 Ion Ratio Lower Upper
 88 100
 58 97.3 78.3 117.5
 43 36.0 29.4 44.0

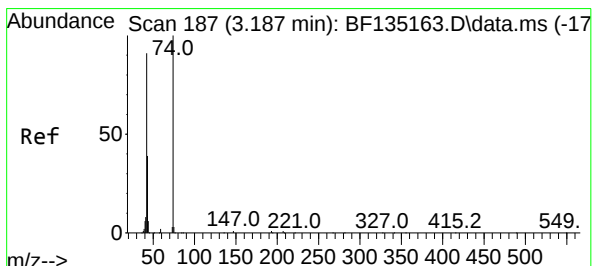
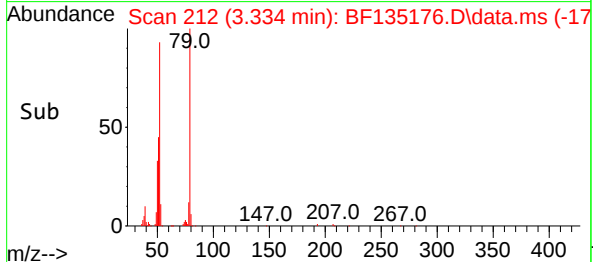
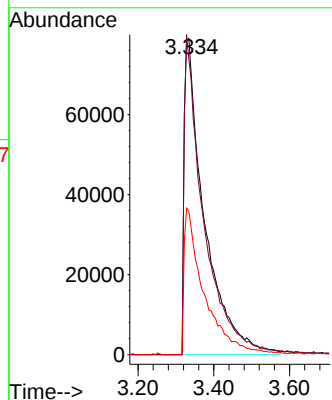
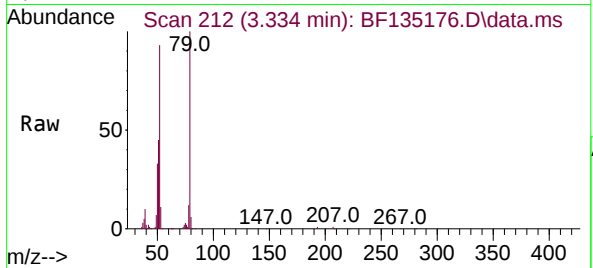




#3
 Pyridine
 Concen: 36.827 ng
 RT: 3.334 min Scan# 21
 Delta R.T. 0.118 min
 Lab File: BF135176.D
 Acq: 12 Sep 2023 12:04

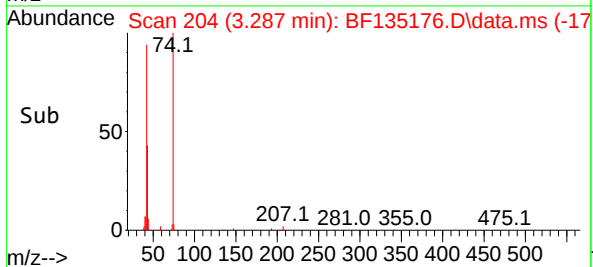
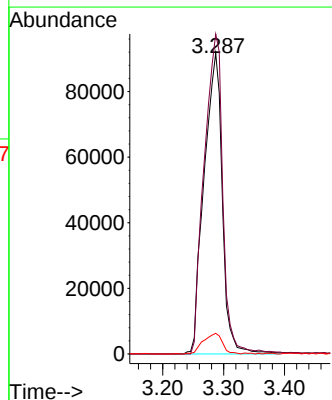
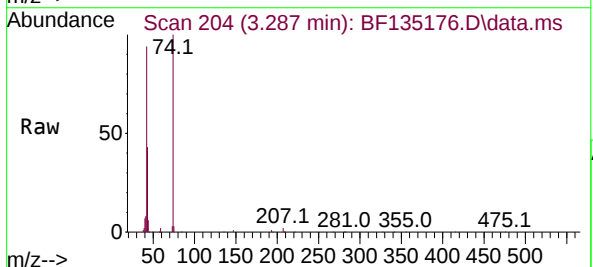
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 ClientSampleId :
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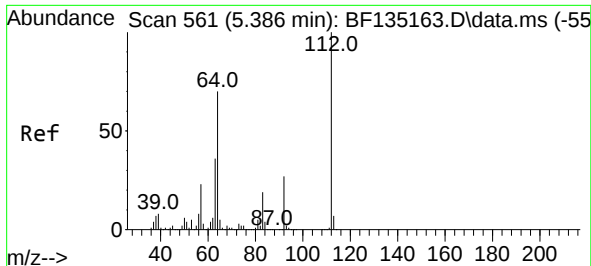
Tgt Ion: 79 Resp: 293599
 Ion Ratio Lower Upper
 79 100
 52 93.4 74.1 111.1
 51 45.4 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 45.199 ng
 RT: 3.287 min Scan# 204
 Delta R.T. 0.100 min
 Lab File: BF135176.D
 Acq: 12 Sep 2023 12:04

Tgt Ion: 42 Resp: 191221
 Ion Ratio Lower Upper
 42 100
 74 106.4 87.7 131.5
 44 6.9 5.6 8.4

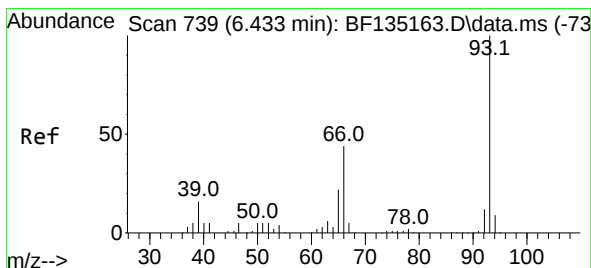
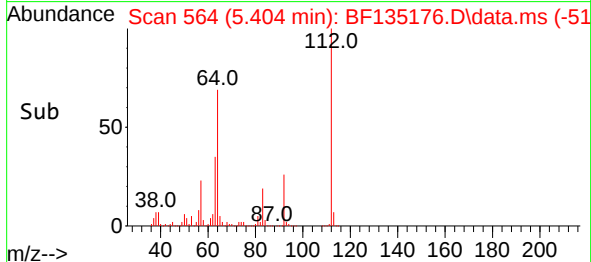
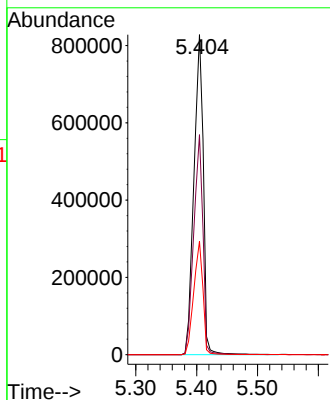
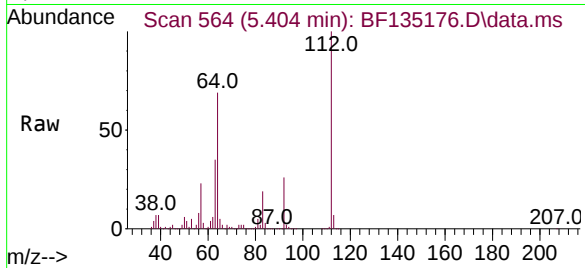




#5
2-Fluorophenol
Concen: 131.146 ng
RT: 5.404 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

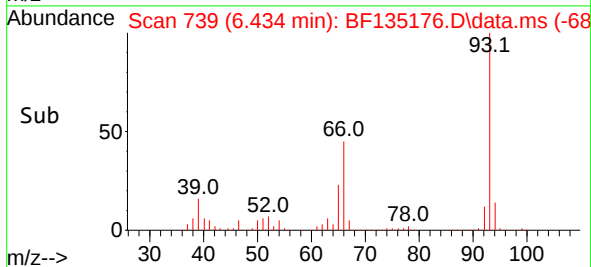
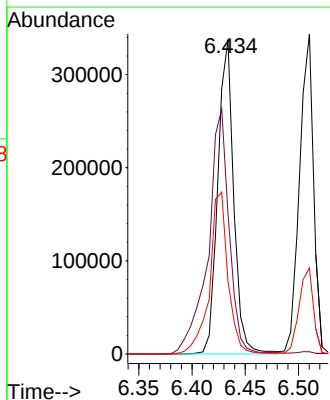
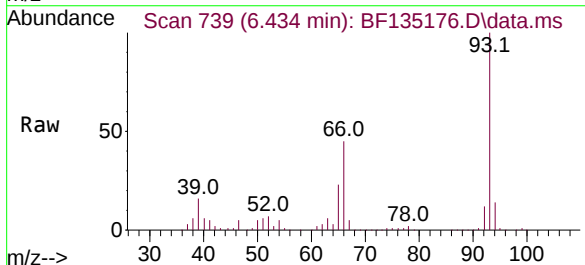
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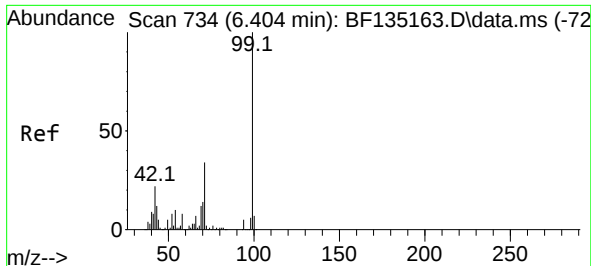
Tgt Ion:112 Resp: 886178
Ion Ratio Lower Upper
112 100
64 68.8 55.9 83.9
63 35.5 29.0 43.6



#6
Aniline
Concen: 31.057 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

Tgt Ion: 93 Resp: 349920
Ion Ratio Lower Upper
93 100
66 44.8 35.4 53.0
65 23.2 17.8 26.8





#7

Phenol-d6

Concen: 130.924 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Instrument :

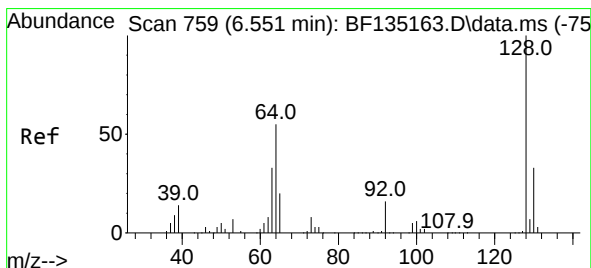
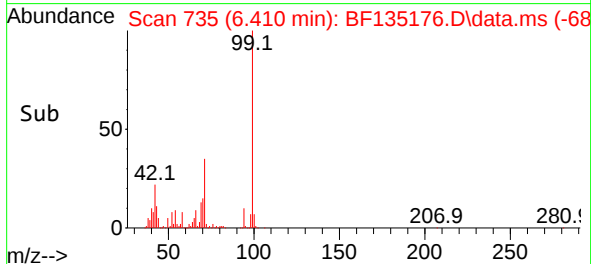
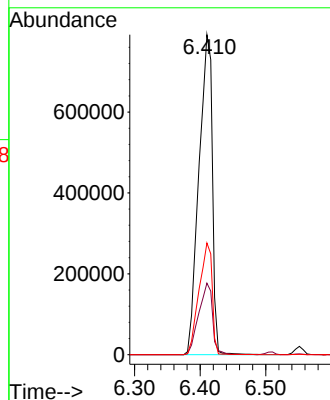
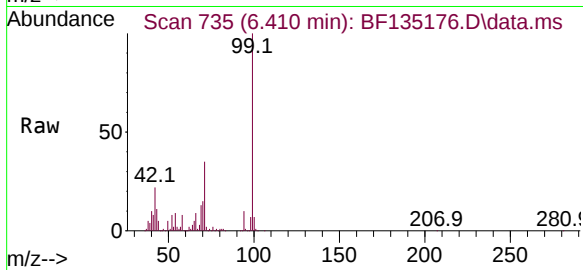
BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1124923

Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.9	26.9
71	34.9	27.0	40.6



#8

2-Chlorophenol

Concen: 48.535 ng

RT: 6.551 min Scan# 759

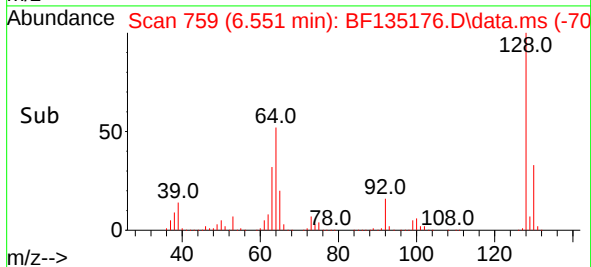
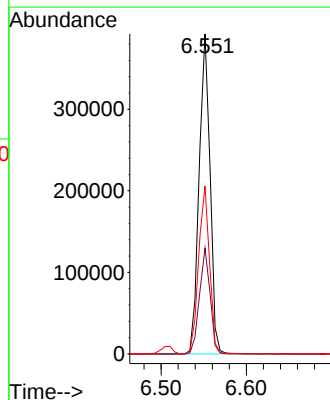
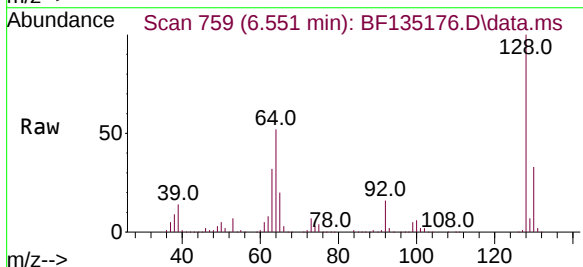
Delta R.T. 0.000 min

Lab File: BF135176.D

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Tgt Ion:128 Resp: 350100

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.7	52.7
64	52.4	35.9	75.9





#9

Benzaldehyde

Concen: 25.763 ng

RT: 6.316 min Scan# 719

Delta R.T. -0.006 min

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Acq: 12 Sep 2023 12:04

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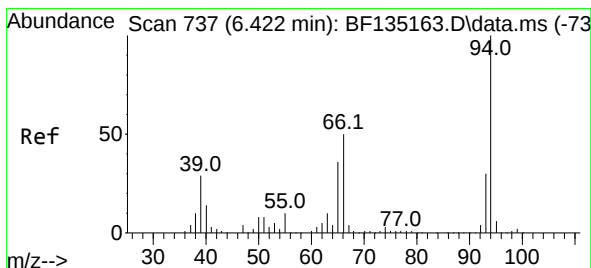
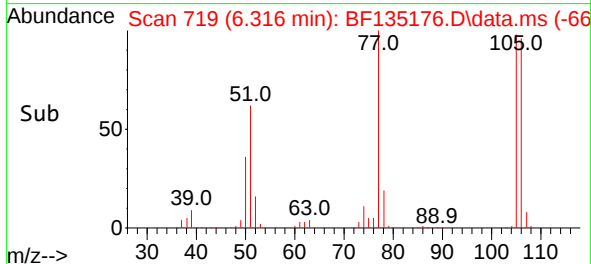
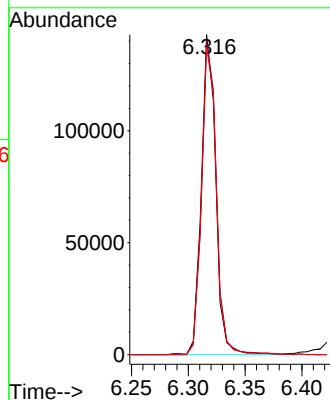
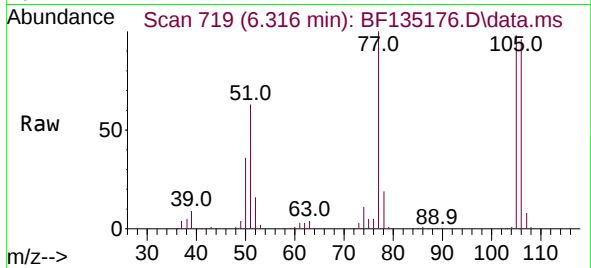
Tgt Ion: 77 Resp: 126102

Ion Ratio Lower Upper

77 100

105 98.2 81.4 121.4

106 96.1 76.9 116.9



#10

Phenol

Concen: 43.928 ng

RT: 6.422 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

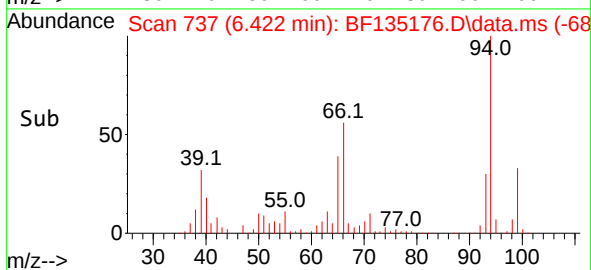
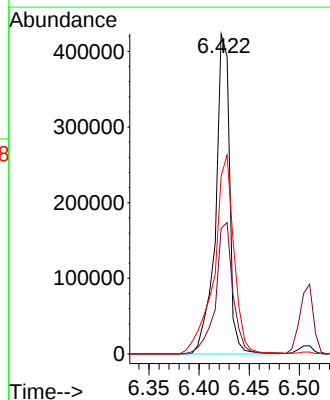
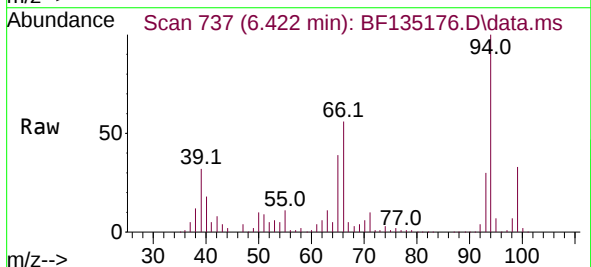
Tgt Ion: 94 Resp: 413872

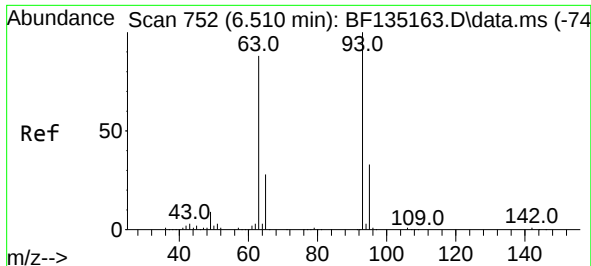
Ion Ratio Lower Upper

94 100

65 39.3 15.9 55.9

66 55.7 29.8 69.8

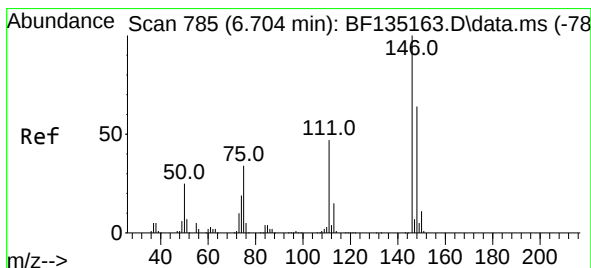
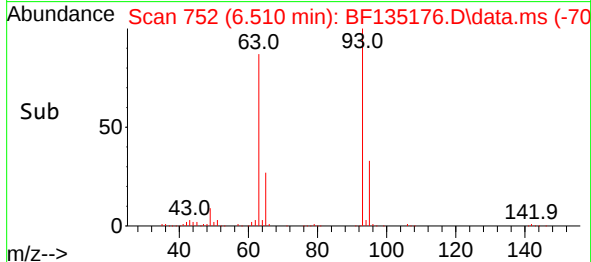
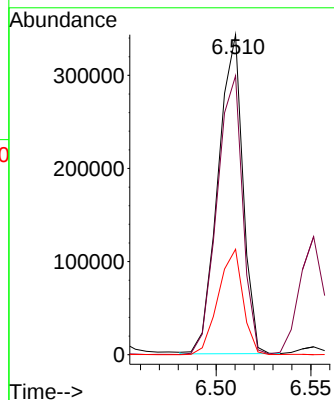
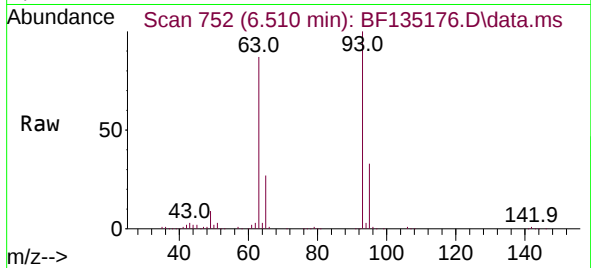




#11
bis(2-Chloroethyl)ether
Concen: 44.218 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

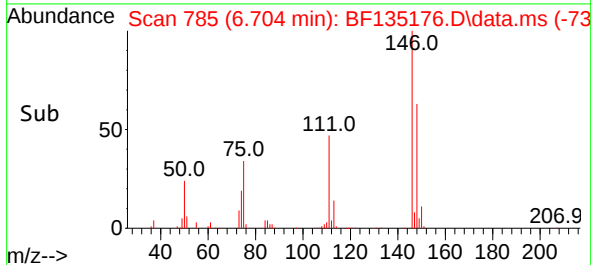
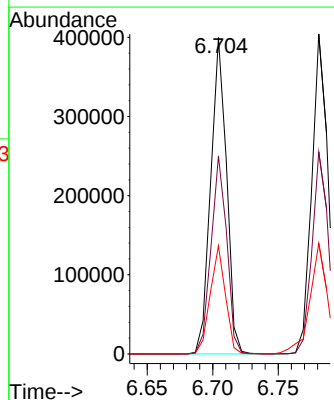
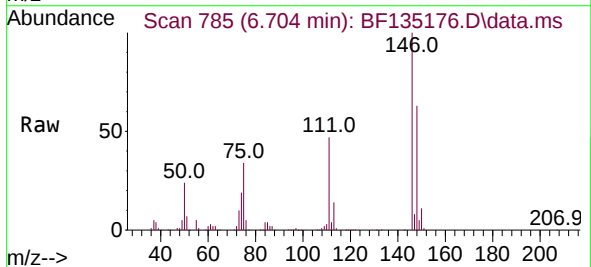
Instrument :
BNA_F
ClientSampleId :
PB155213BS

Tgt Ion: 93 Resp: 312501
Ion Ratio Lower Upper
93 100
63 87.2 67.3 107.3
95 32.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 45.849 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

Tgt Ion:146 Resp: 336113
Ion Ratio Lower Upper
146 100
148 62.6 51.3 76.9
75 34.2 27.4 41.2

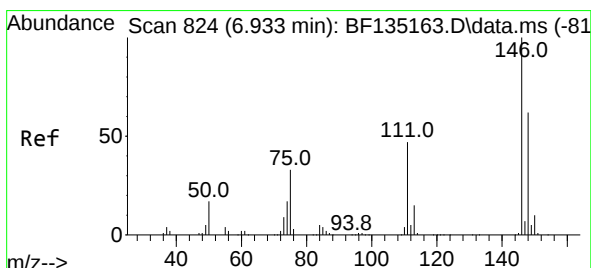
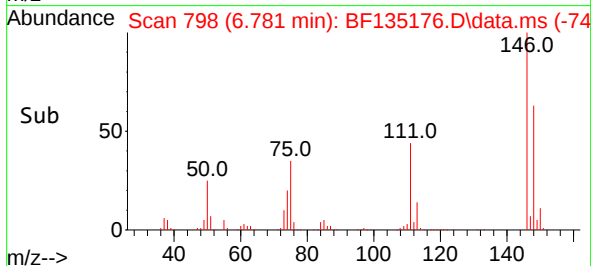
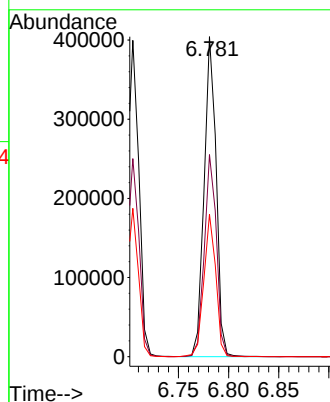
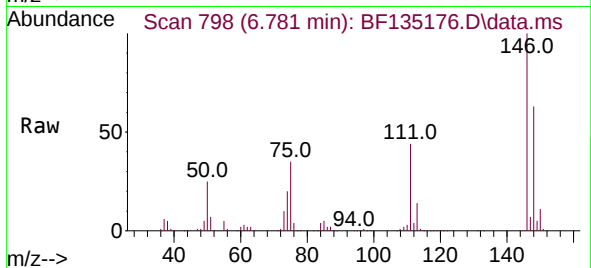




#13
1,4-Dichlorobenzene
Concen: 45.522 ng
RT: 6.781 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

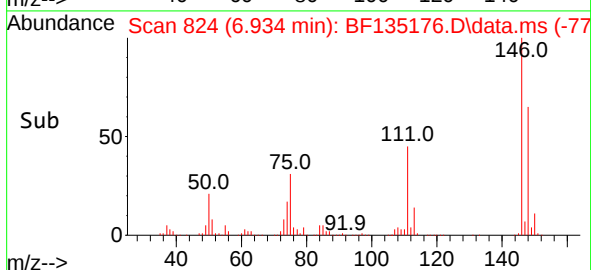
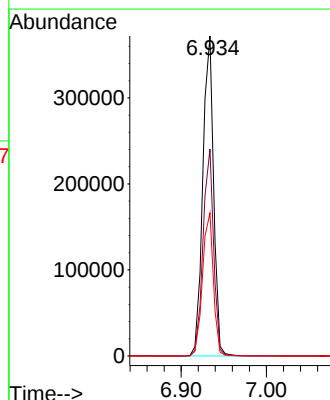
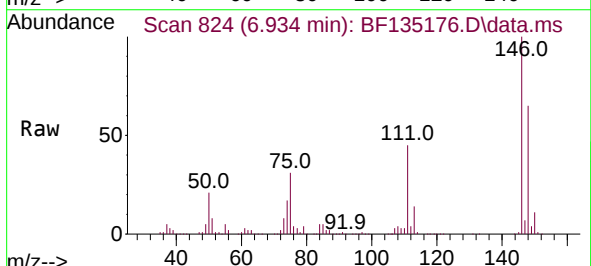
Instrument :
BNA_F
ClientSampleId :
PB155213BS

Tgt Ion:146 Resp: 339523
Ion Ratio Lower Upper
146 100
148 63.1 51.3 76.9
111 44.5 35.1 52.7



#14
1,2-Dichlorobenzene
Concen: 47.290 ng
RT: 6.934 min Scan# 824
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

Tgt Ion:146 Resp: 327542
Ion Ratio Lower Upper
146 100
148 64.6 49.7 74.5
111 44.7 37.4 56.2

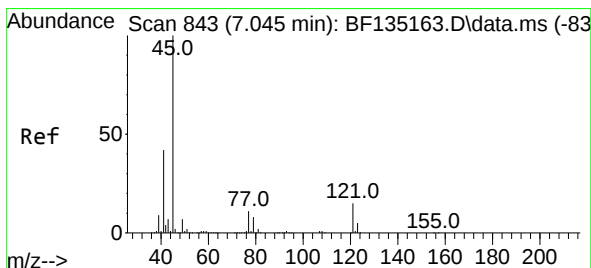
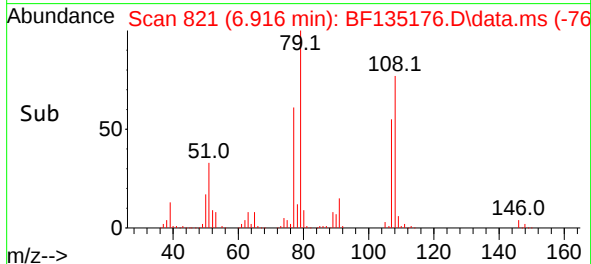
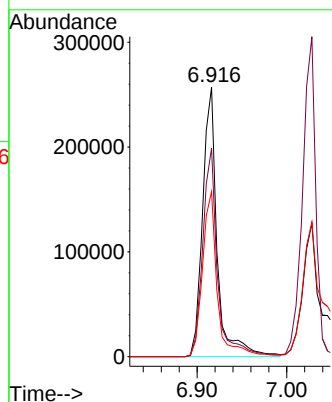
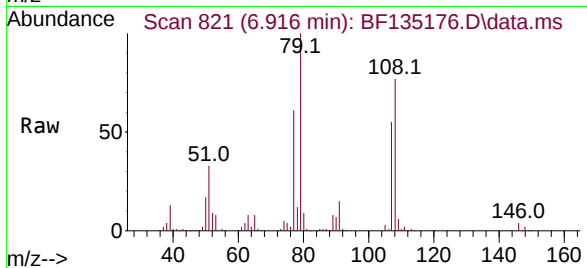




#15
Benzyl Alcohol
Concen: 47.159 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

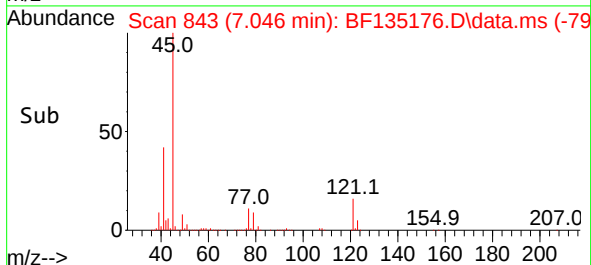
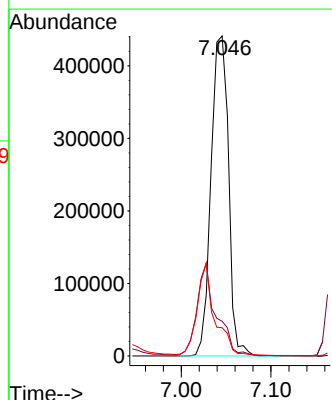
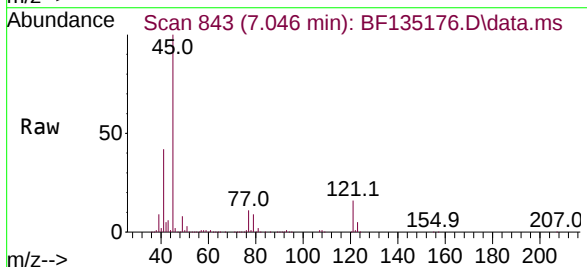
Instrument :
BNA_F
ClientSampleId :
PB155213BS

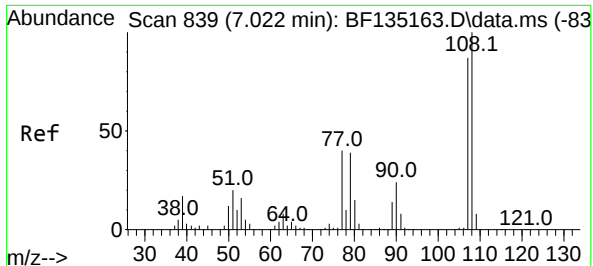
Tgt Ion: 79 Resp: 290764
Ion Ratio Lower Upper
79 100
108 77.4 61.2 91.8
77 61.3 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.737 ng
RT: 7.046 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

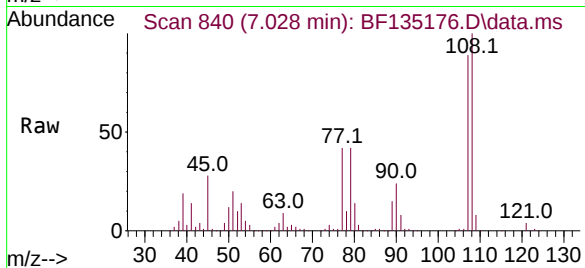
Tgt Ion: 45 Resp: 595946
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.6
79 8.9 0.0 28.3



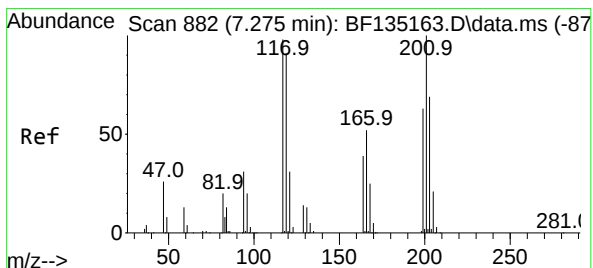
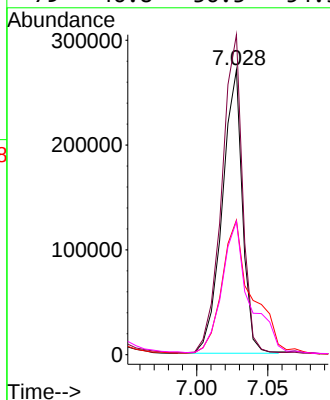
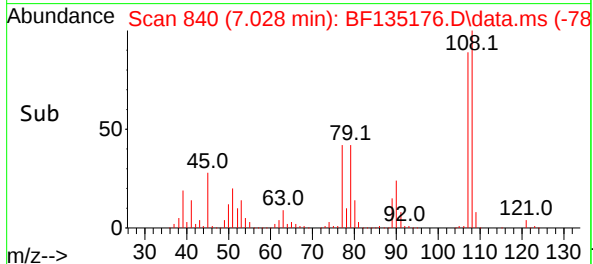


#17
2-Methylphenol
Concen: 42.097 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

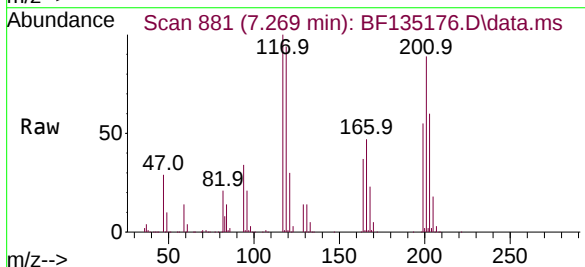
Instrument :
BNA_F
ClientSampleId :
PB155213BS



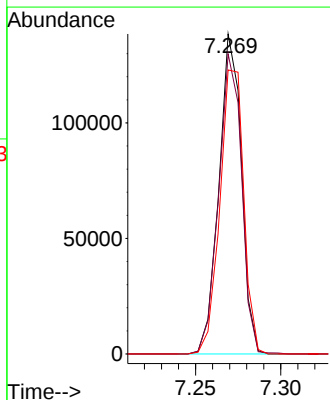
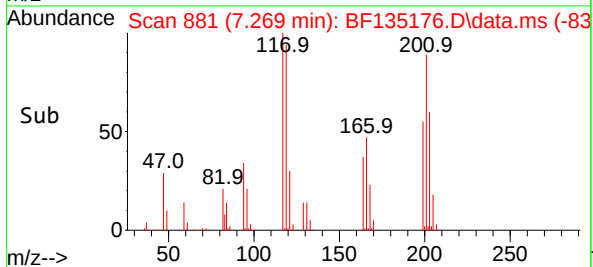
Tgt Ion:	107	Resp:	267970
Ion	Ratio	Lower	Upper
107	100		
108	112.3	92.0	138.0
77	47.2	36.7	55.1
79	46.8	36.3	54.5

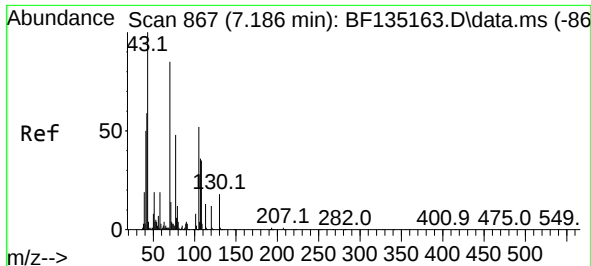


#18
Hexachloroethane
Concen: 46.099 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04



Tgt Ion:	117	Resp:	127040
Ion	Ratio	Lower	Upper
117	100		
119	93.7	74.7	112.1
201	88.8	81.8	122.8



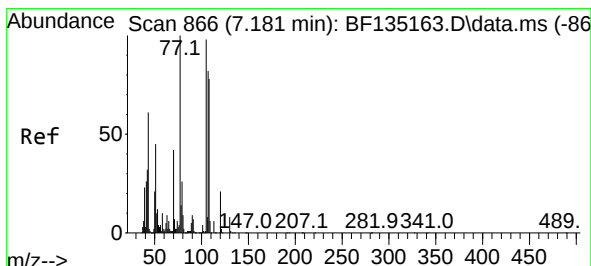
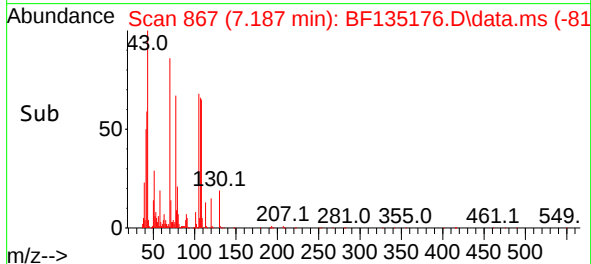
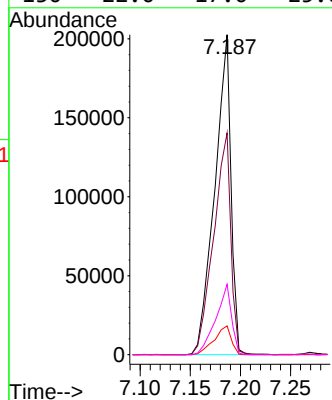
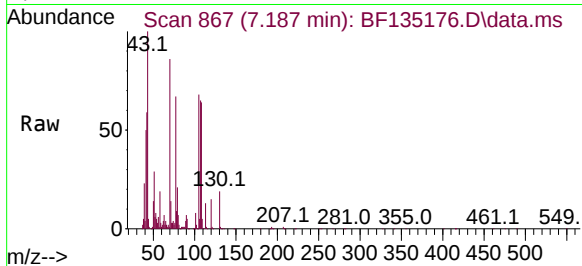


#19
n-Nitroso-di-n-propylamine
Concen: 42.897 ng
RT: 7.187 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

Instrument :
BNA_F
ClientSampleId :
PB155213BS

Tgt Ion: 70 Resp: 228294

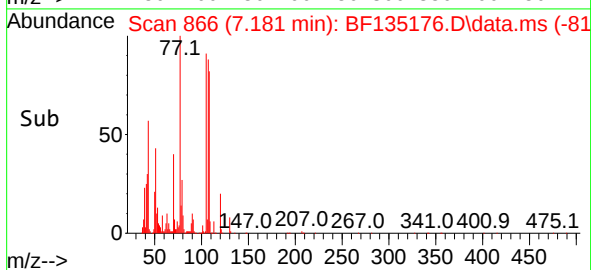
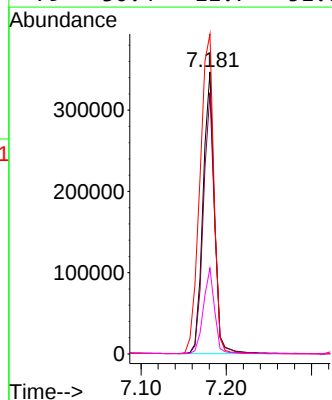
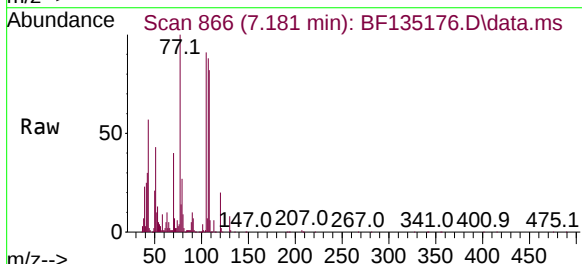
Ion	Ratio	Lower	Upper
70	100		
42	69.3	55.4	83.0
101	9.0	7.7	11.5
130	22.0	17.0	25.6

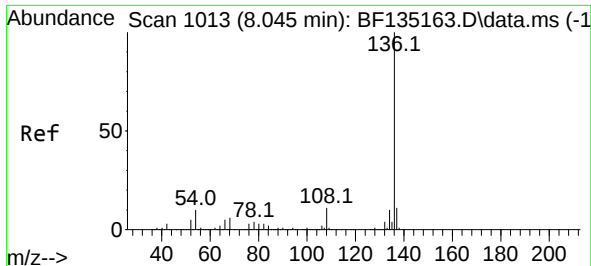


#20
3+4-Methylphenols
Concen: 41.899 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

Tgt Ion: 107 Resp: 320705

Ion	Ratio	Lower	Upper
107	100		
108	92.6	74.7	114.7
77	113.4	102.0	142.0
79	30.4	11.7	51.7

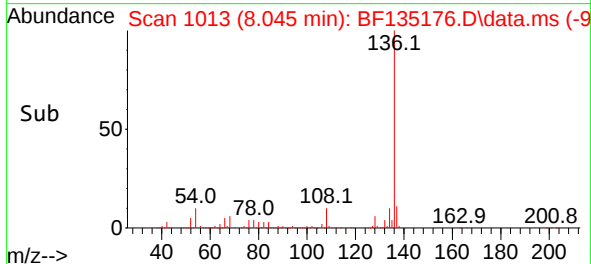
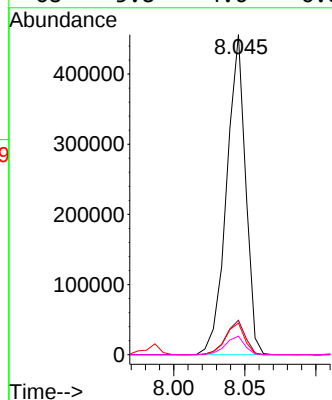
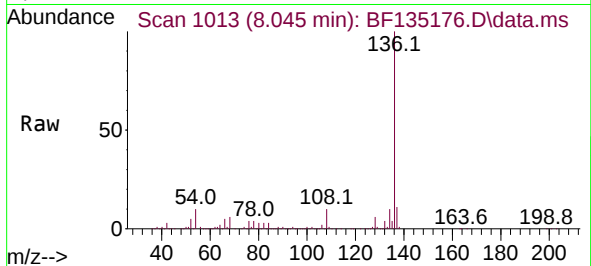




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

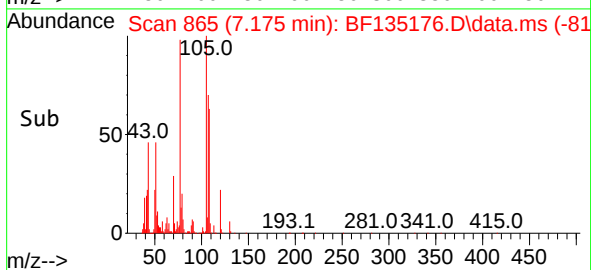
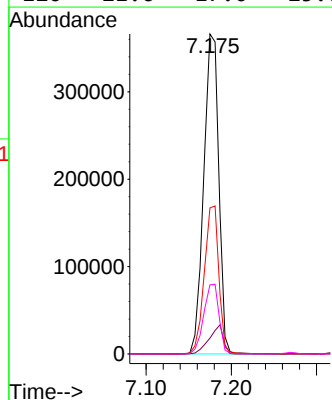
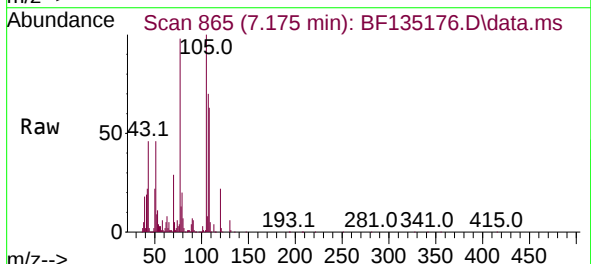
Instrument :
BNA_F
ClientSampleId :
PB155213BS

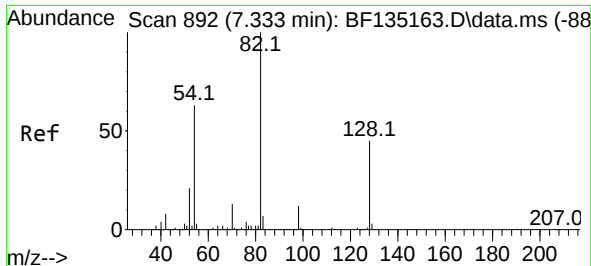
Tgt Ion:136	Resp: 421440
Ion Ratio	Lower Upper
136 100	
137 10.8	8.8 13.2
54 9.9	7.7 11.5
68 5.8	4.6 6.8



#22
Acetophenone
Concen: 46.539 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

Tgt	Ion:105	Resp:	448409
Ion	Ratio	Lower	Upper
105	100		
71	4.9	5.8	8.6#
51	45.6	37.0	55.4
120	21.6	17.0	25.6





#23

Nitrobenzene-d5

Concen: 90.700 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB155213BS

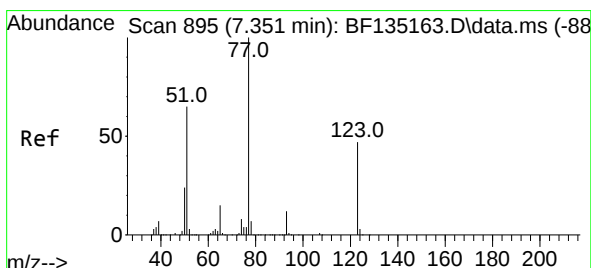
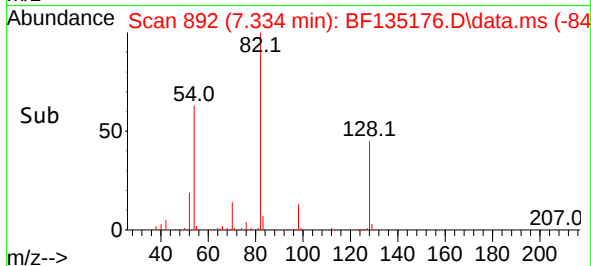
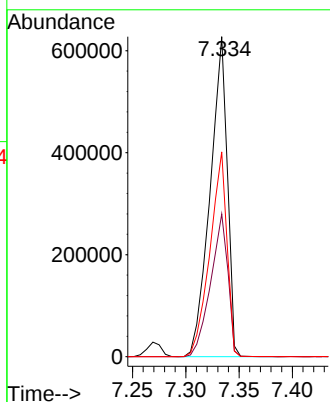
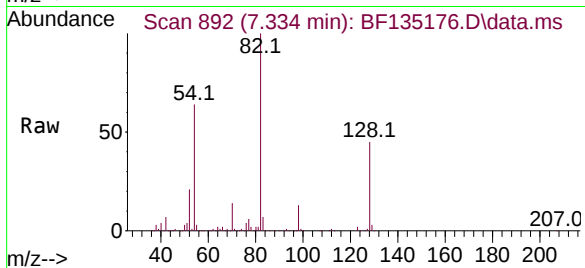
Tgt Ion: 82 Resp: 703568

Ion Ratio Lower Upper

82 100

128 44.6 35.8 53.6

54 64.0 50.6 76.0



#24

Nitrobenzene

Concen: 45.919 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

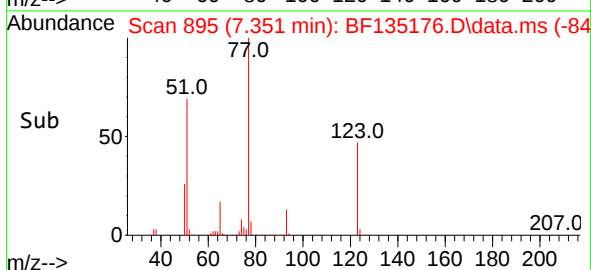
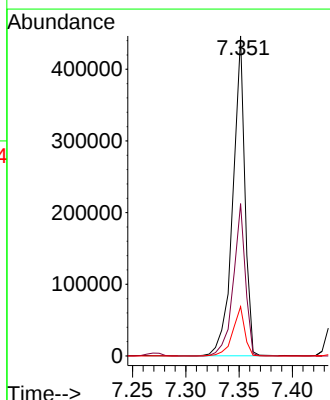
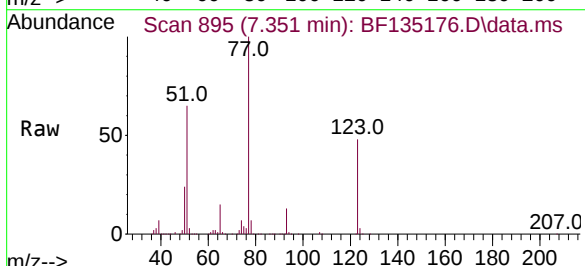
Tgt Ion: 77 Resp: 352064

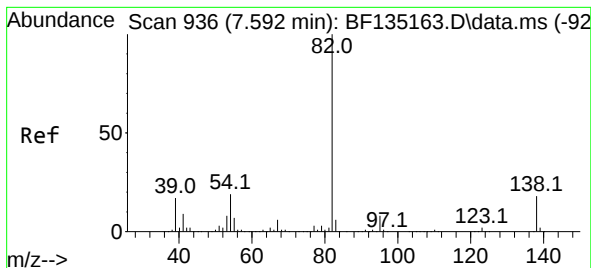
Ion Ratio Lower Upper

77 100

123 47.6 37.6 56.4

65 15.4 12.2 18.4





#25

Isophorone

Concen: 45.804 ng

RT: 7.593 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB155213BS

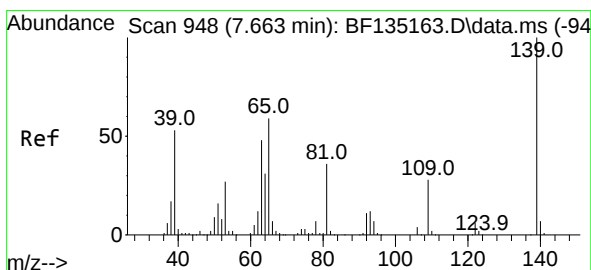
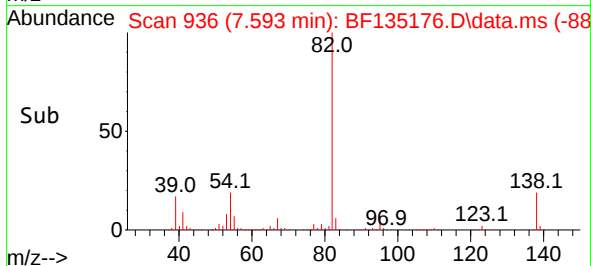
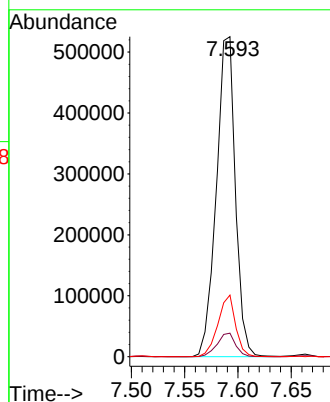
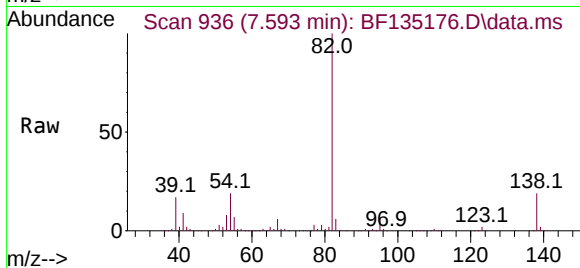
Tgt Ion: 82 Resp: 652440

Ion Ratio Lower Upper

82 100

95 7.4 6.0 9.0

138 19.3 14.5 21.7



#26

2-Nitrophenol

Concen: 48.511 ng

RT: 7.663 min Scan# 948

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

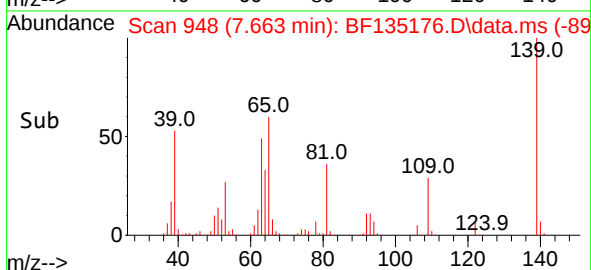
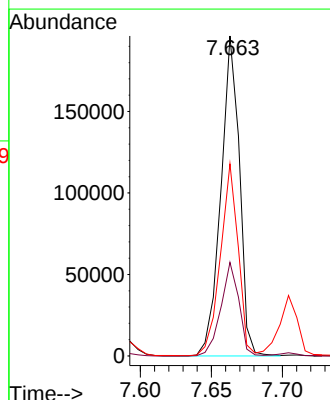
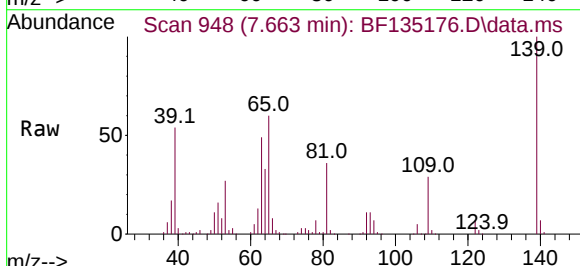
Tgt Ion:139 Resp: 178512

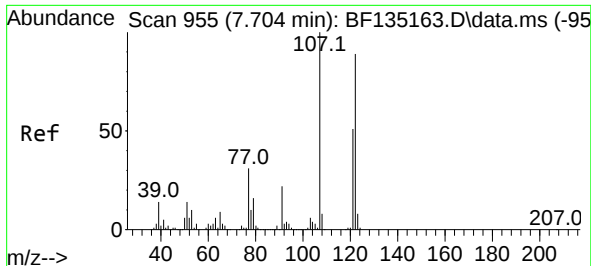
Ion Ratio Lower Upper

139 100

109 29.2 22.6 33.8

65 60.1 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 48.505 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB155213BS

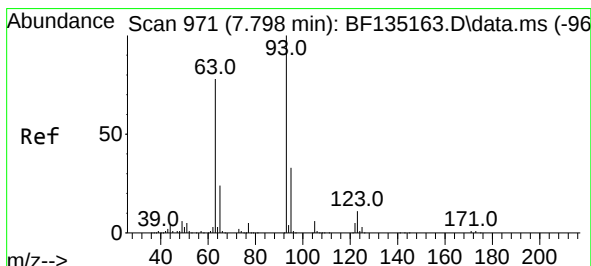
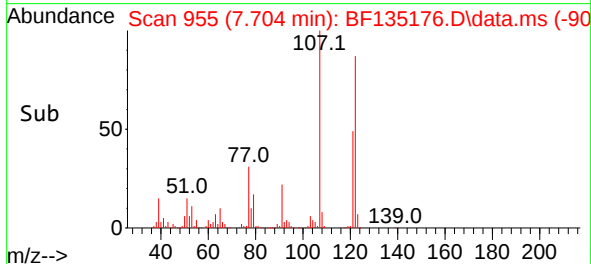
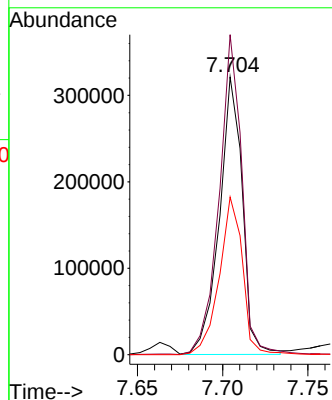
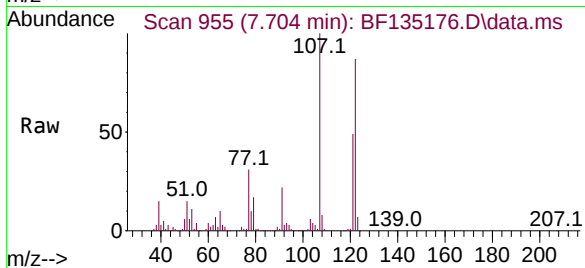
Tgt Ion:122 Resp: 300019

Ion Ratio Lower Upper

122 100

107 115.2 90.2 135.4

121 56.7 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 47.162 ng

RT: 7.798 min Scan# 971

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

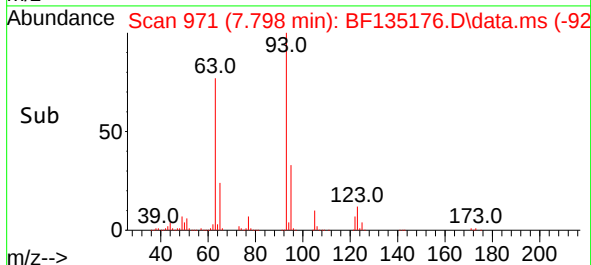
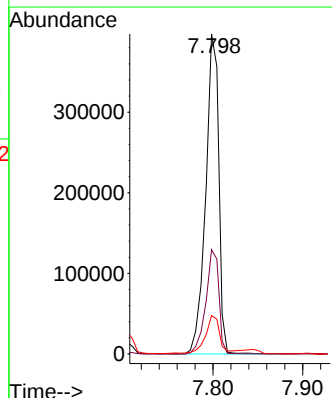
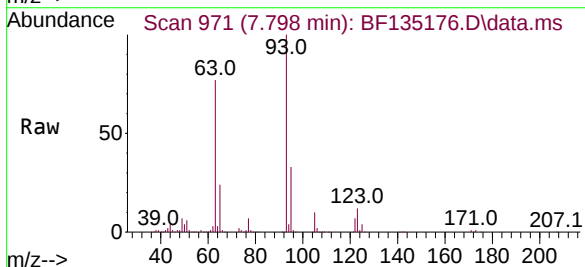
Tgt Ion: 93 Resp: 402083

Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 12.0 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 47.928 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB155213BS

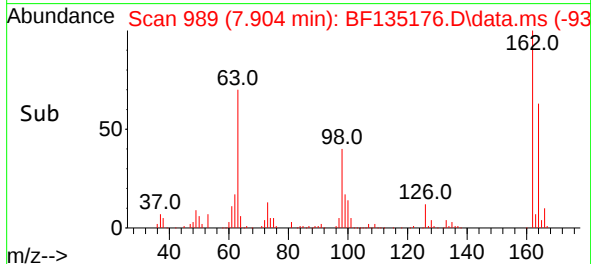
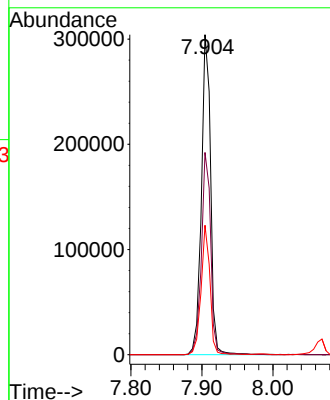
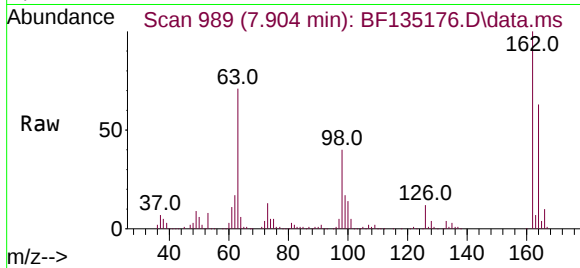
Tgt Ion:162 Resp: 274697

Ion Ratio Lower Upper

162 100

164 63.2 44.1 84.1

98 40.4 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 48.115 ng

RT: 7.987 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

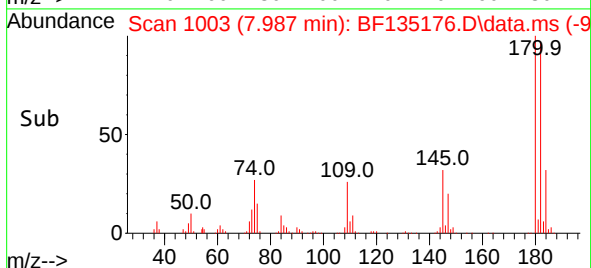
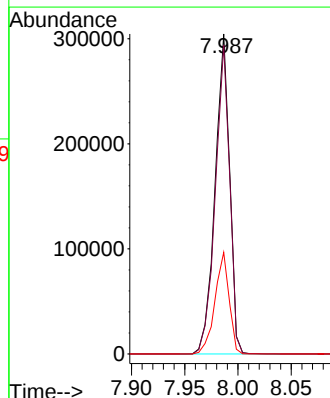
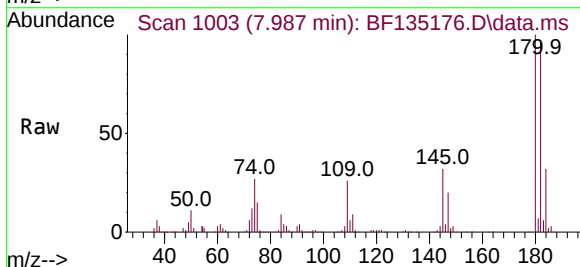
Tgt Ion:180 Resp: 288237

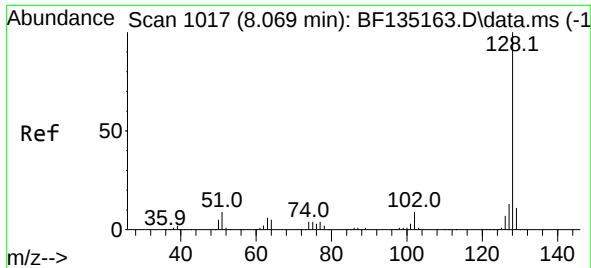
Ion Ratio Lower Upper

180 100

182 96.5 76.9 115.3

145 31.8 24.5 36.7

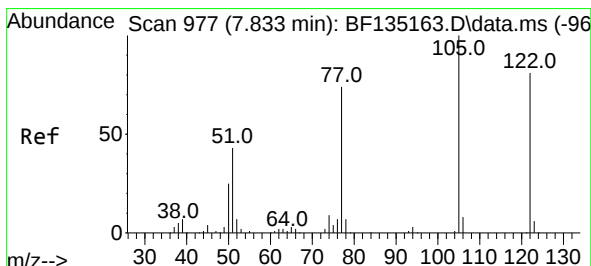
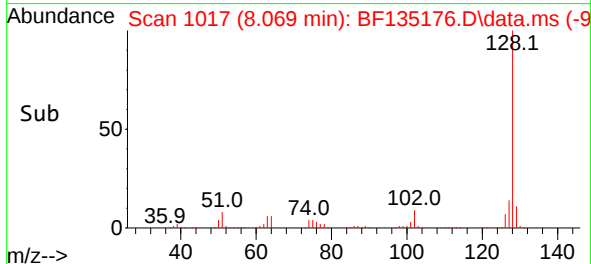
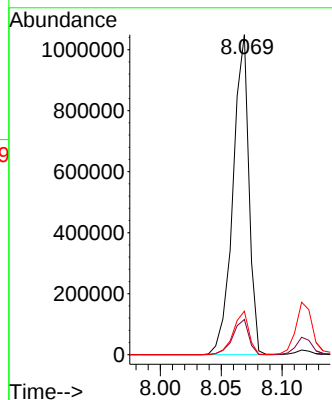
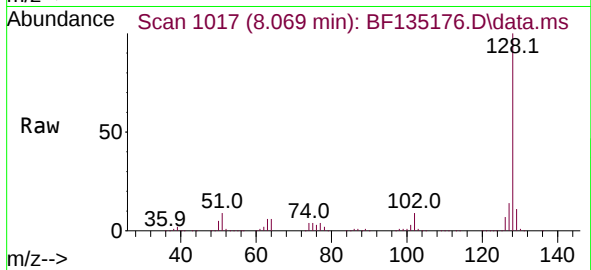




#31
Naphthalene
Concen: 46.675 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

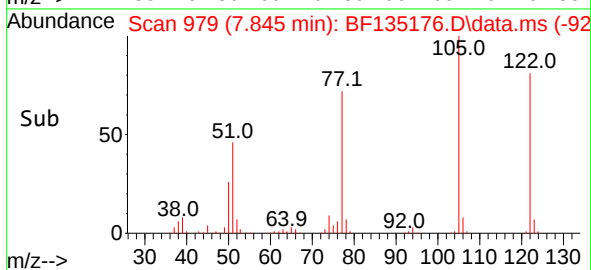
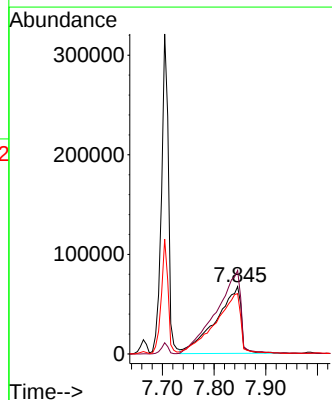
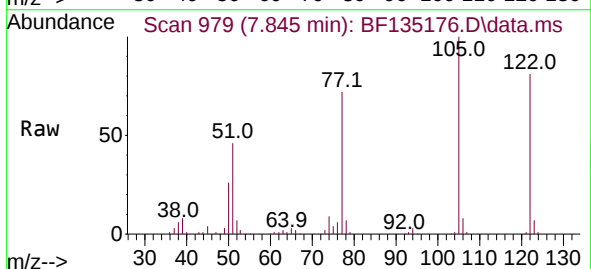
Instrument :
BNA_F
ClientSampleId :
PB155213BS

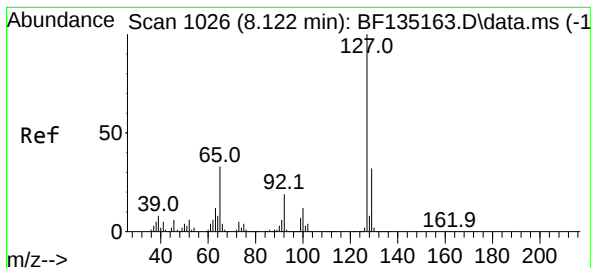
Tgt Ion:128 Resp: 955737
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 49.010 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.012 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

Tgt Ion:122 Resp: 228266
Ion Ratio Lower Upper
122 100
105 123.8 99.9 139.9
77 89.6 70.0 110.0





#33

4-Chloroaniline

Concen: 19.081 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB155213BS

Tgt Ion:127 Resp: 171418

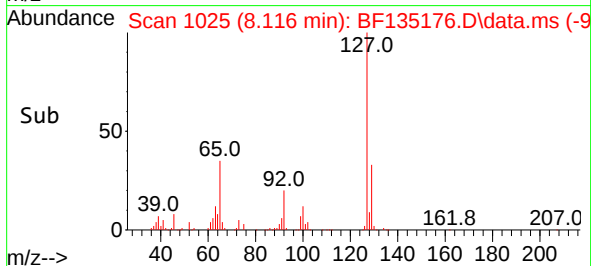
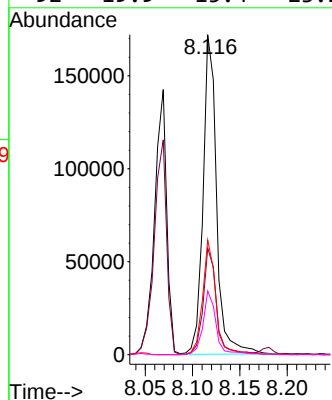
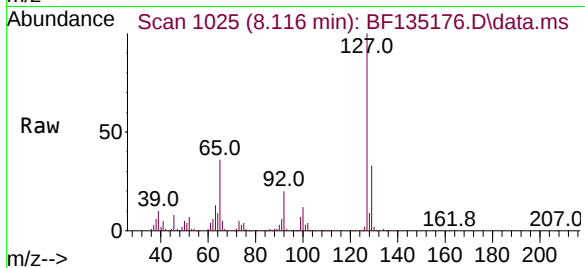
Ion Ratio Lower Upper

127 100

129 33.3 25.8 38.8

65 35.9 26.6 39.8

92 19.9 15.4 23.2



#34

Hexachlorobutadiene

Concen: 47.274 ng

RT: 8.181 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

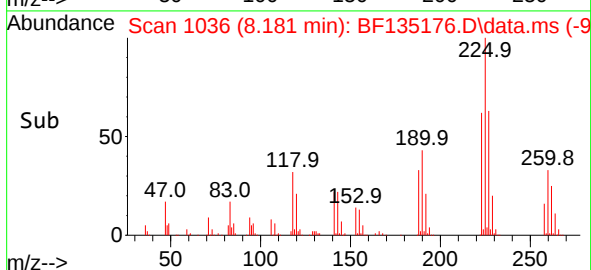
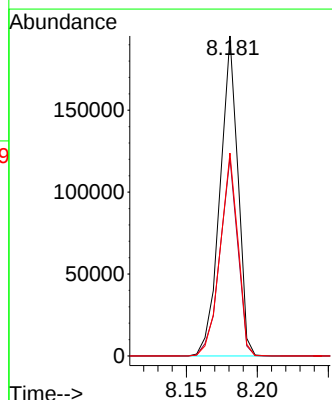
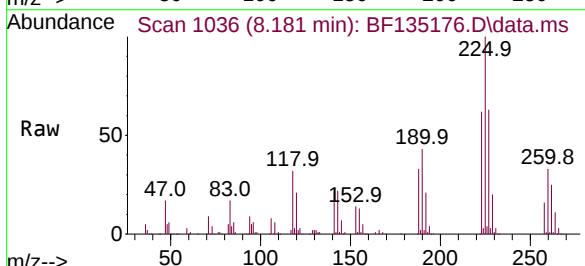
Tgt Ion:225 Resp: 170763

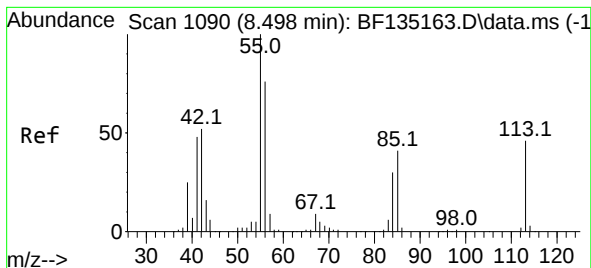
Ion Ratio Lower Upper

225 100

223 61.9 50.6 75.8

227 63.4 50.8 76.2





#35

Caprolactam

Concen: 26.753 ng

RT: 8.498 min Scan# 1090

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB155213BS

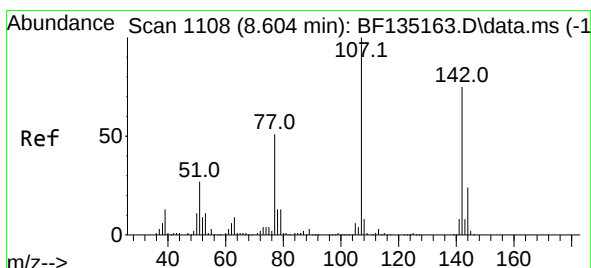
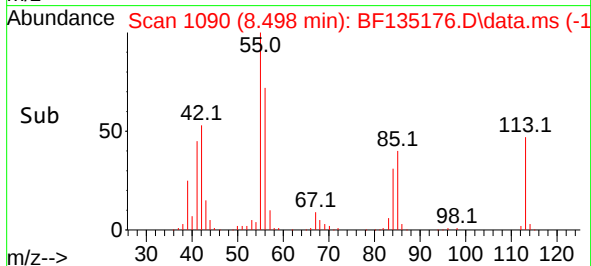
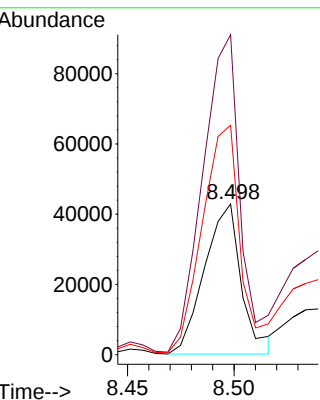
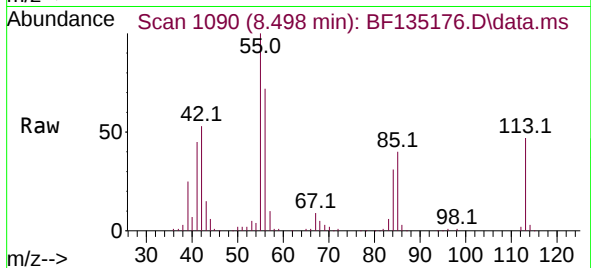
Tgt Ion:113 Resp: 51460

Ion Ratio Lower Upper

113 100

55 212.3 199.3 239.3

56 152.2 146.3 186.3



#36

4-Chloro-3-methylphenol

Concen: 47.993 ng

RT: 8.610 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

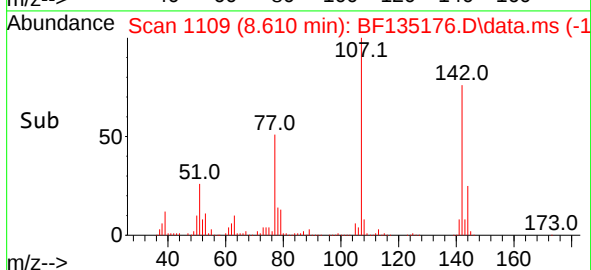
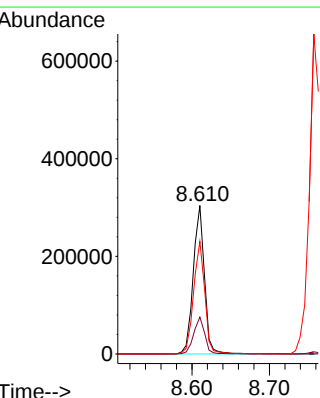
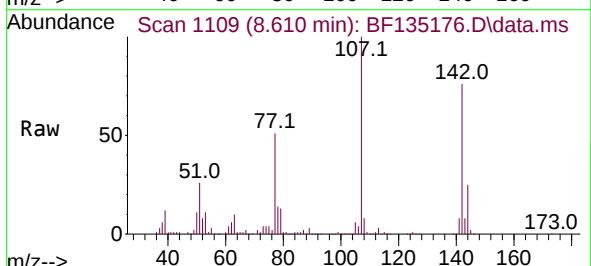
Tgt Ion:107 Resp: 305713

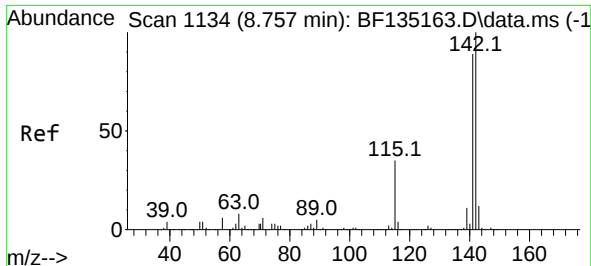
Ion Ratio Lower Upper

107 100

144 24.9 19.0 28.4

142 75.7 60.2 90.2





#37

2-Methylnaphthalene

Concen: 44.281 ng

RT: 8.757 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Instrument :

BNA_F

ClientSampleId :

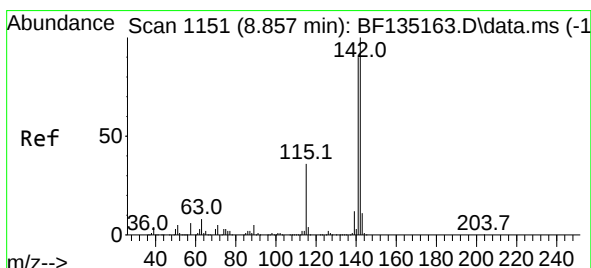
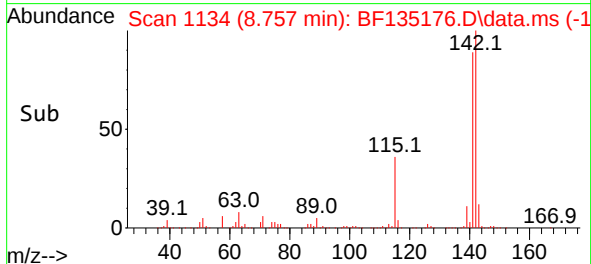
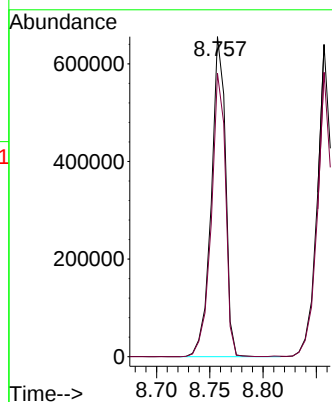
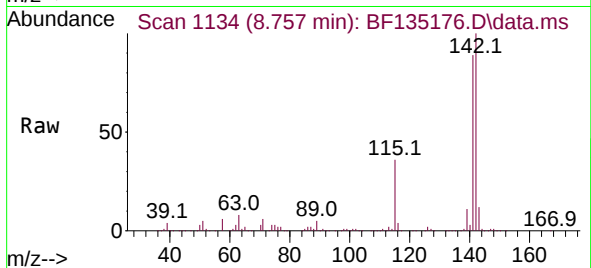
PB155213BS

Tgt Ion:142 Resp: 609495

Ion Ratio Lower Upper

142 100

141 88.6 71.0 106.6



#38

1-Methylnaphthalene

Concen: 43.933 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF135176.D

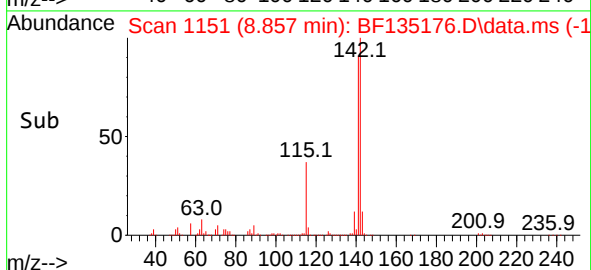
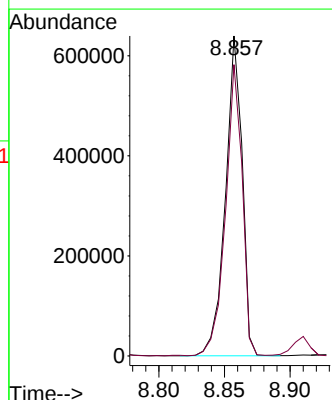
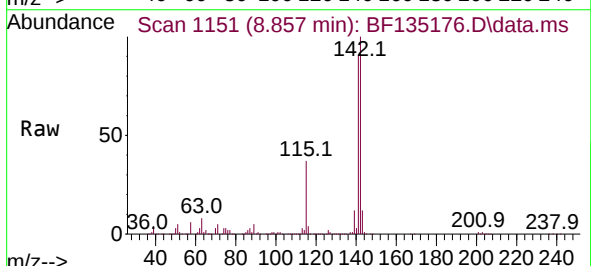
Acq: 12 Sep 2023 12:04

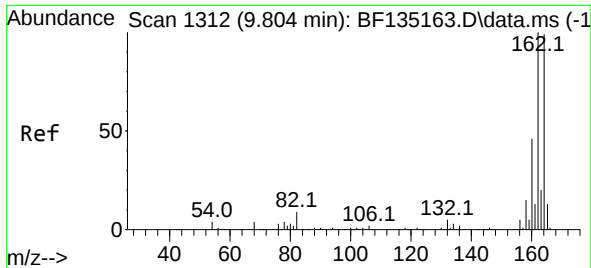
Tgt Ion:142 Resp: 566146

Ion Ratio Lower Upper

142 100

141 91.1 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB155213BS

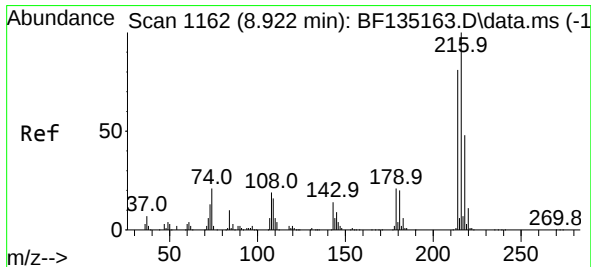
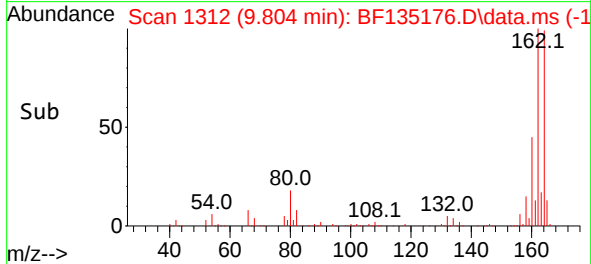
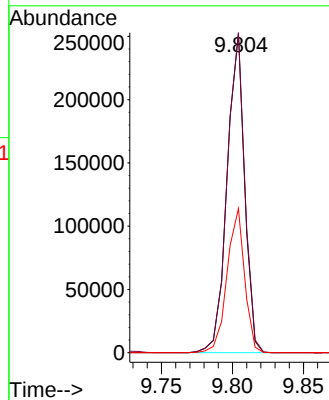
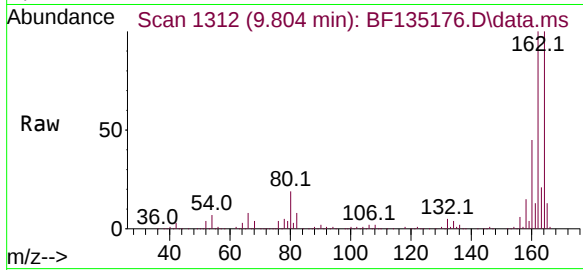
Tgt Ion:164 Resp: 216310

Ion Ratio Lower Upper

164 100

162 100.2 81.0 121.4

160 45.1 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.007 ng

RT: 8.928 min Scan# 1163

Delta R.T. 0.006 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Tgt Ion:216 Resp: 288311

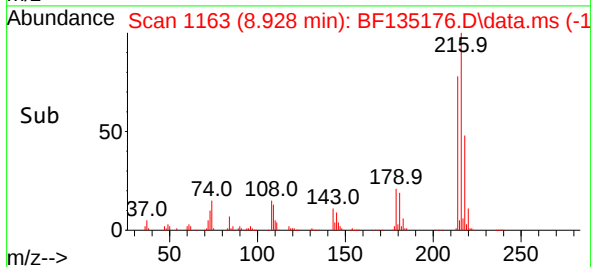
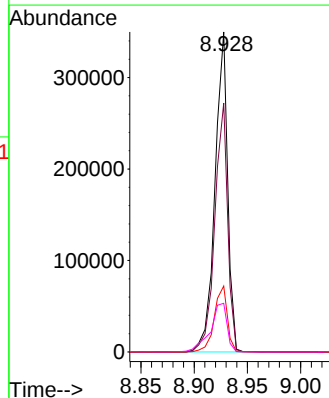
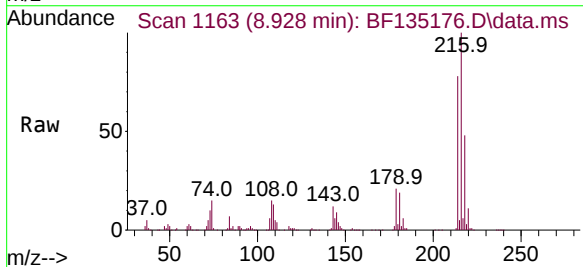
Ion Ratio Lower Upper

216 100

214 79.3 63.7 95.5

179 21.2 16.7 25.1

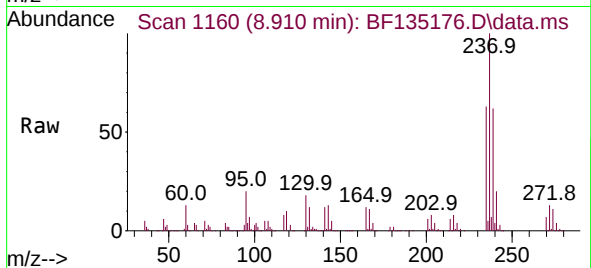
108 20.3 14.9 22.3



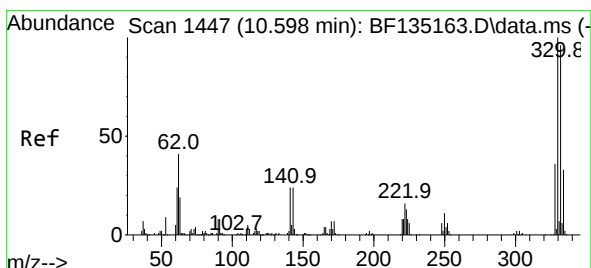
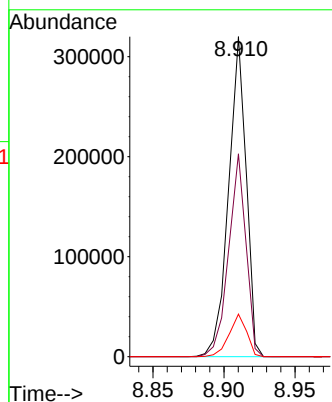
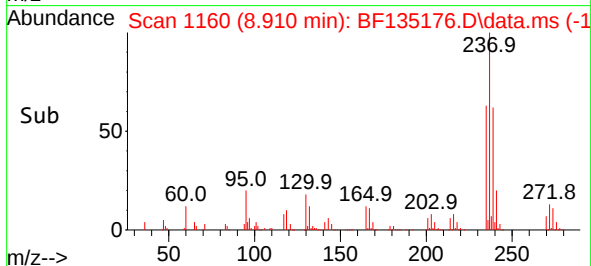


#41
Hexachlorocyclopentadiene
Concen: 97.876 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

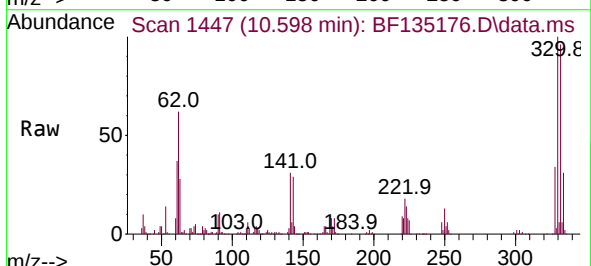
Instrument :
BNA_F
ClientSampleId :
PB155213BS



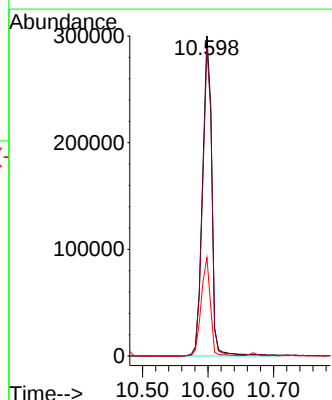
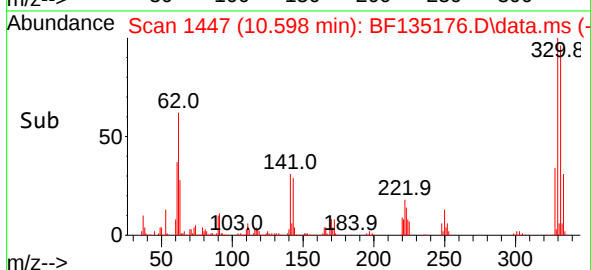
Tgt Ion:237 Resp: 275284
Ion Ratio Lower Upper
237 100
235 63.4 41.8 81.8
272 13.3 0.0 33.6

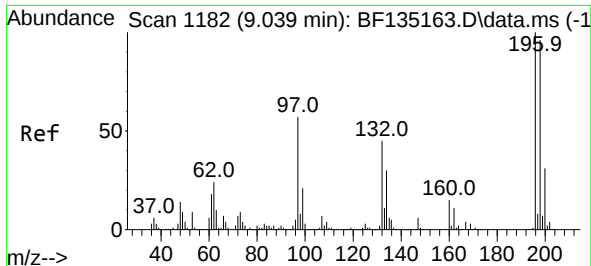


#42
2,4,6-Tribromophenol
Concen: 137.946 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04



Tgt Ion:330 Resp: 296529
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 30.5 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 47.422 ng

RT: 9.040 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB155213BS

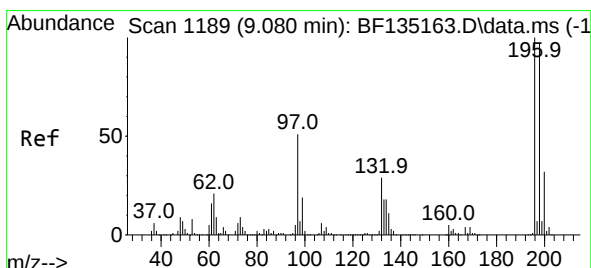
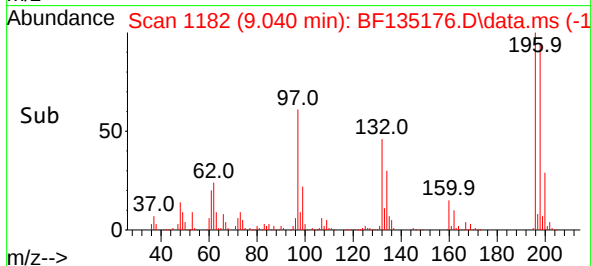
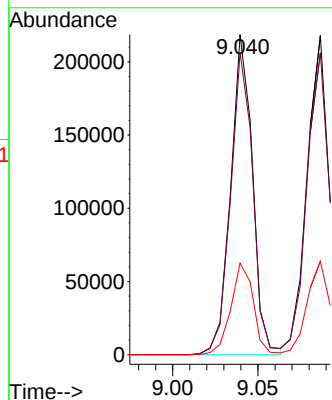
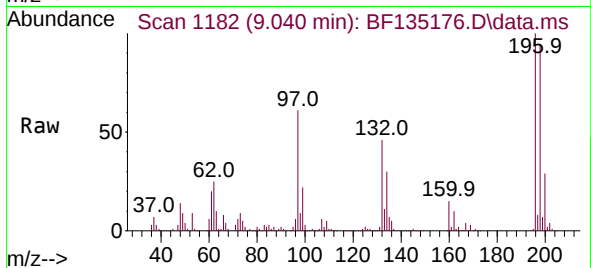
Tgt Ion:196 Resp: 194576

Ion Ratio Lower Upper

196 100

198 94.4 77.0 115.6

200 28.6 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 44.916 ng

RT: 9.087 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Tgt Ion:196 Resp: 212234

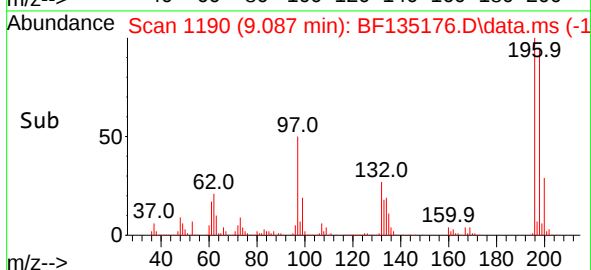
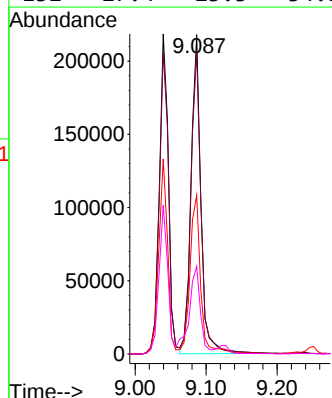
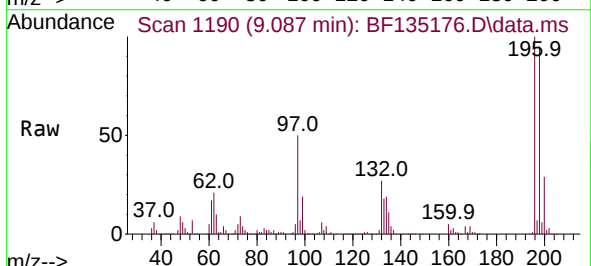
Ion Ratio Lower Upper

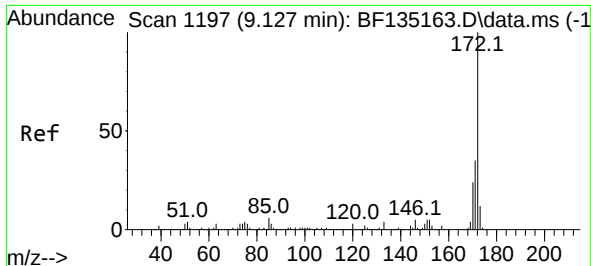
196 100

198 94.6 77.5 116.3

97 49.8 40.5 60.7

132 27.4 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 88.328 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB155213BS

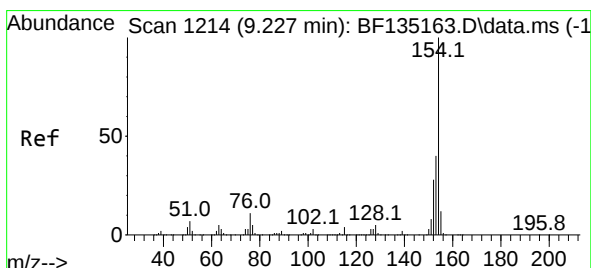
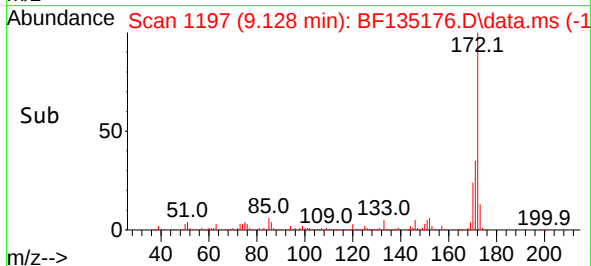
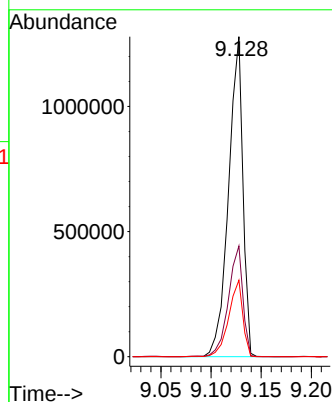
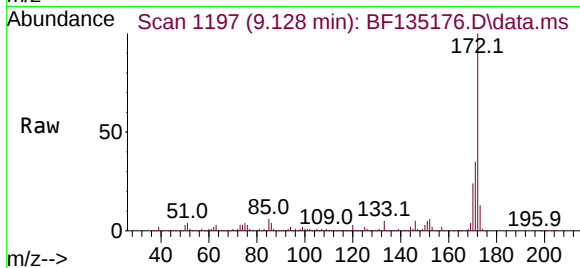
Tgt Ion:172 Resp: 1266385

Ion Ratio Lower Upper

172 100

171 34.6 28.4 42.6

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 45.967 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

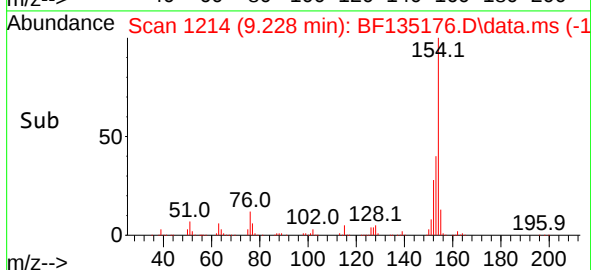
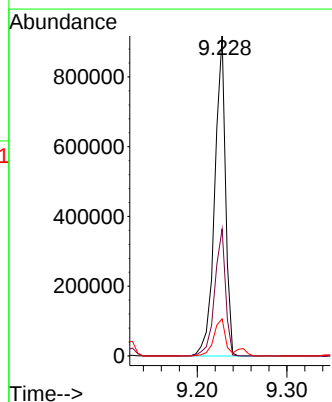
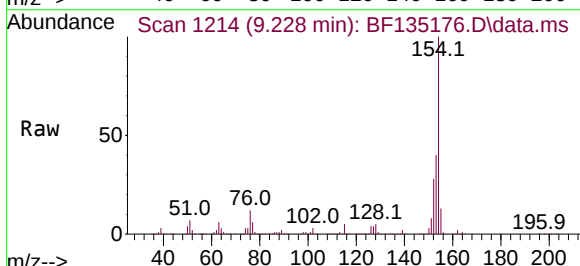
Tgt Ion:154 Resp: 764112

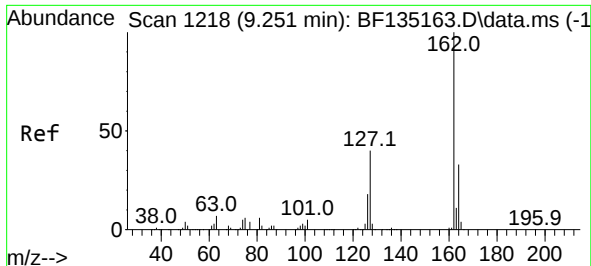
Ion Ratio Lower Upper

154 100

153 39.7 19.6 59.6

76 11.6 0.0 31.0

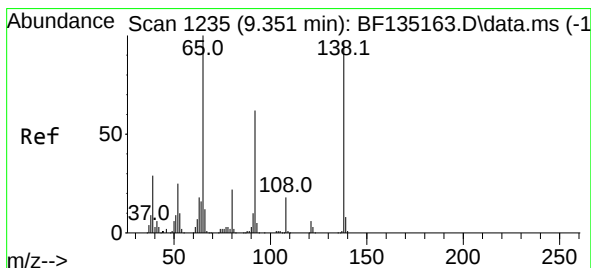
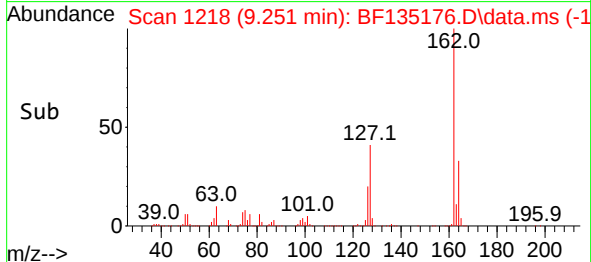
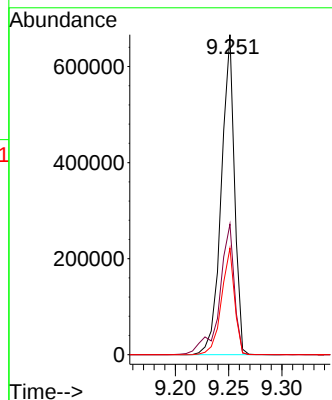
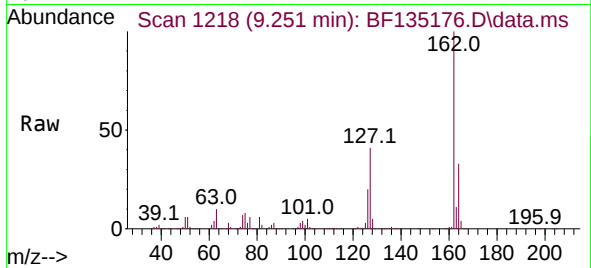




#47
2-Chloronaphthalene
Concen: 47.555 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

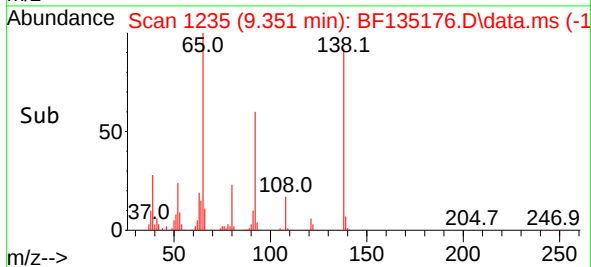
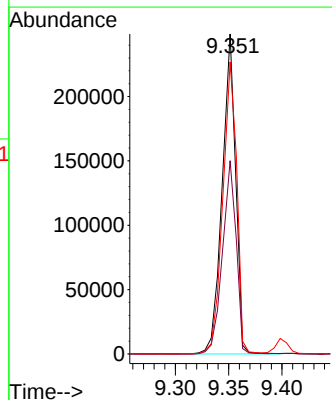
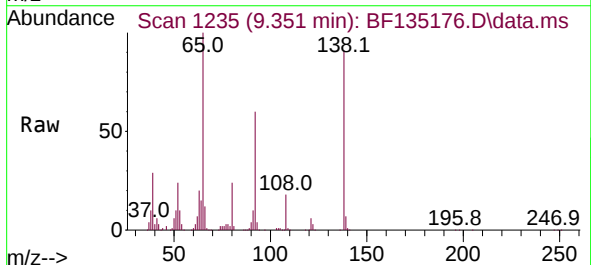
Instrument :
BNA_F
ClientSampleId :
PB155213BS

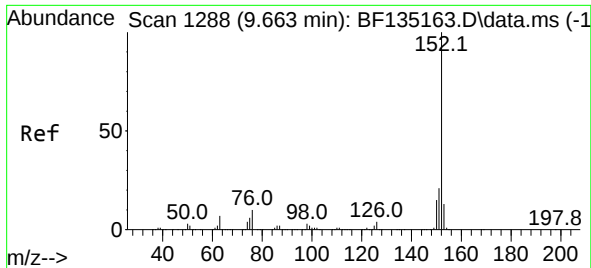
Tgt Ion:162 Resp: 573558
Ion Ratio Lower Upper
162 100
127 40.8 32.6 48.8
164 33.3 26.2 39.2



#48
2-Nitroaniline
Concen: 46.461 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

Tgt Ion: 65 Resp: 217702
Ion Ratio Lower Upper
65 100
92 60.4 49.4 74.0
138 91.3 77.4 116.0





#49

Acenaphthylene

Concen: 45.463 ng

RT: 9.669 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB155213BS

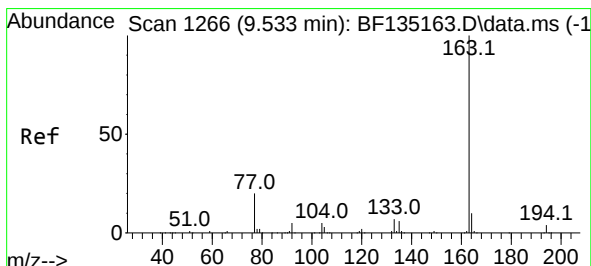
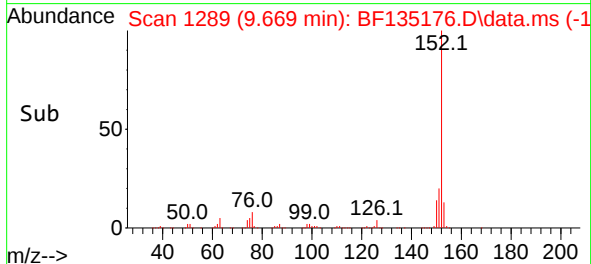
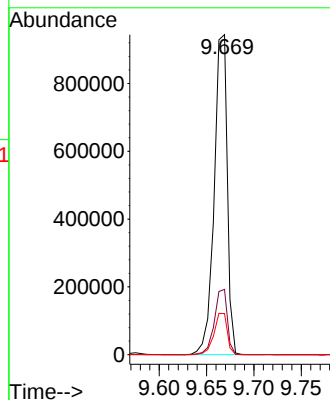
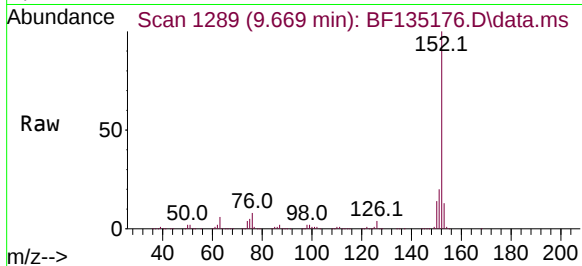
Tgt Ion:152 Resp: 911287

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 12.9 10.4 15.6



#50

Dimethylphthalate

Concen: 46.171 ng

RT: 9.534 min Scan# 1266

Delta R.T. 0.001 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

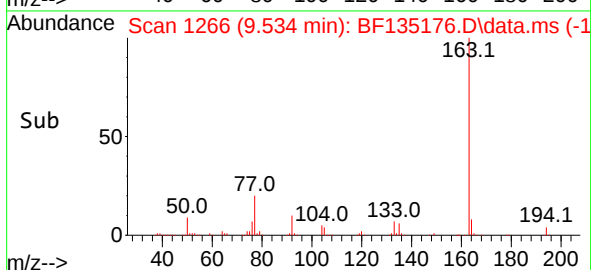
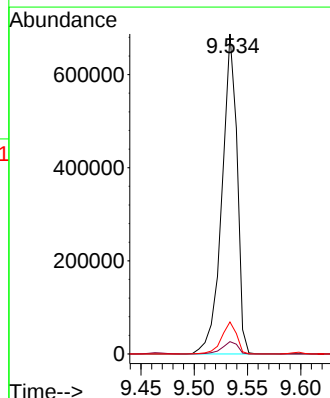
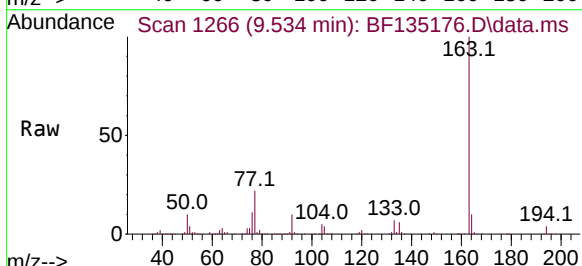
Tgt Ion:163 Resp: 675236

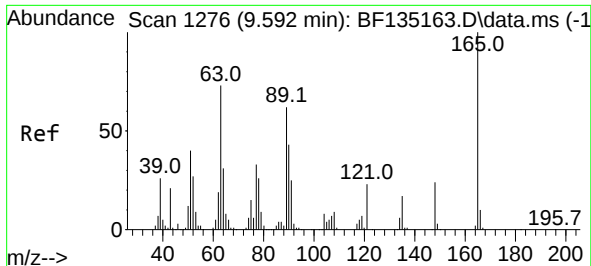
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 47.524 ng

RT: 9.598 min Scan# 1276

Delta R.T. 0.006 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB155213BS

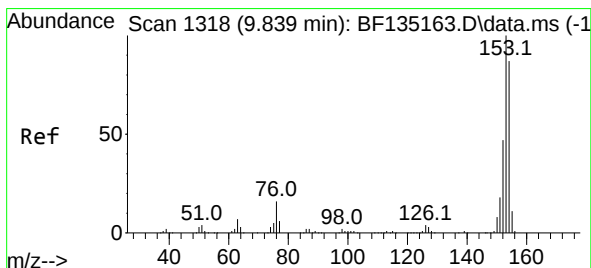
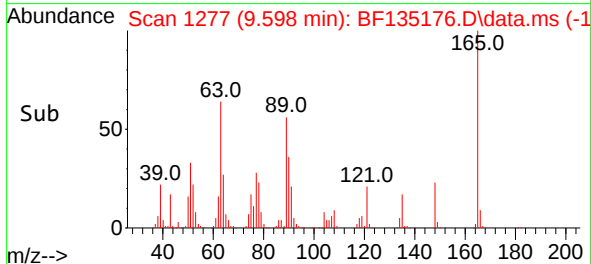
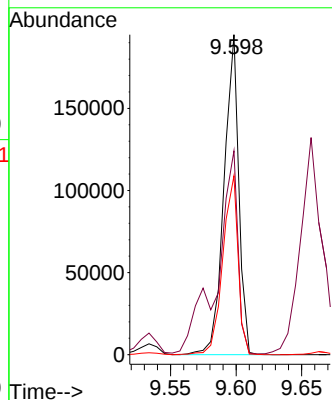
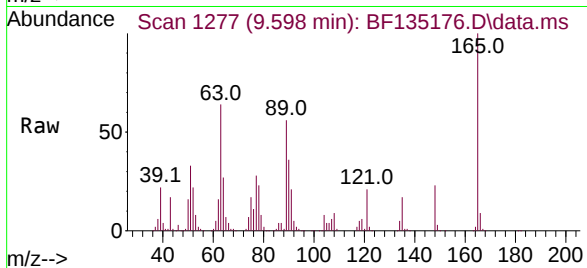
Tgt Ion:165 Resp: 152257

Ion Ratio Lower Upper

165 100

63 63.7 59.4 89.2

89 55.9 49.8 74.8



#52

Acenaphthene

Concen: 46.518 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

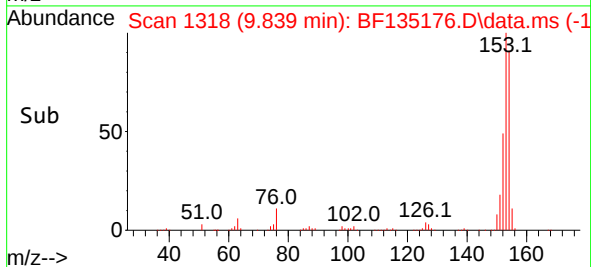
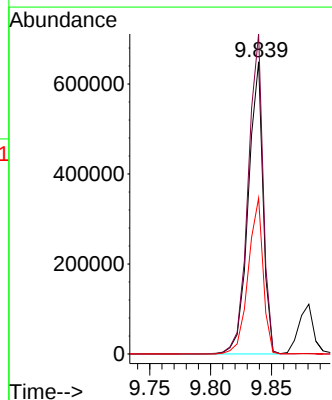
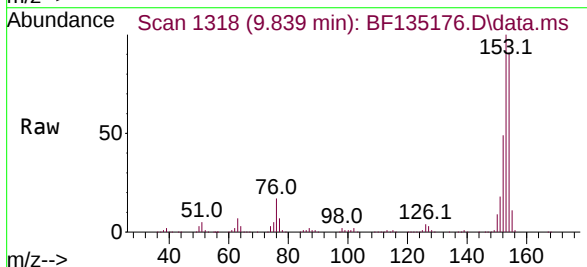
Tgt Ion:154 Resp: 550829

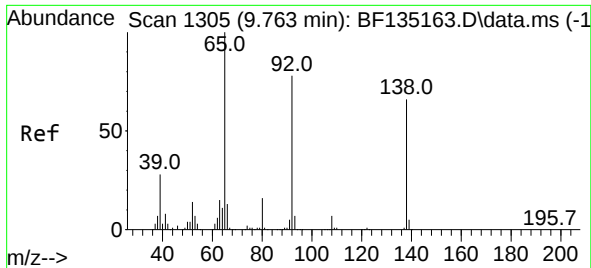
Ion Ratio Lower Upper

154 100

153 109.5 92.1 138.1

152 53.3 43.1 64.7

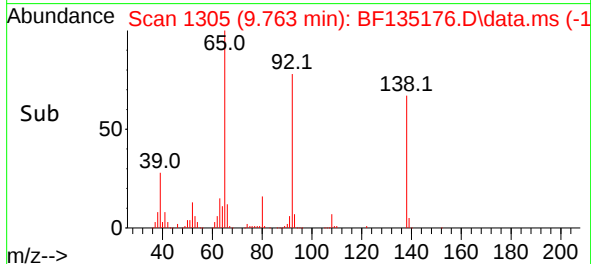
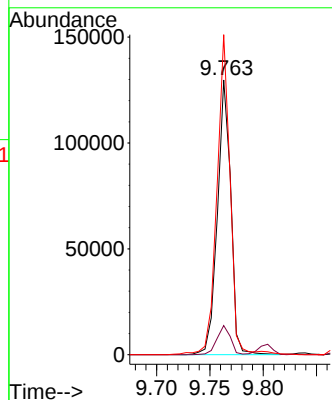
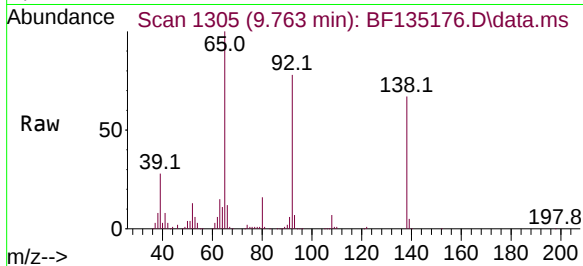




#53
3-Nitroaniline
Concen: 29.950 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

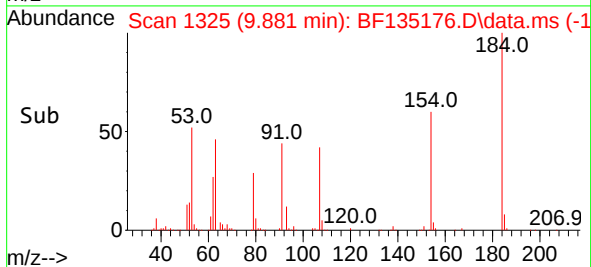
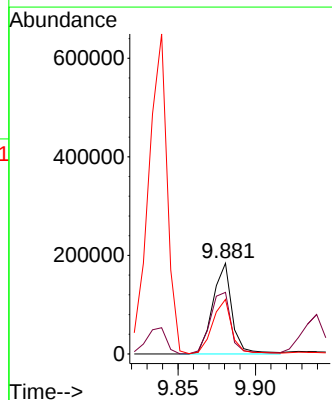
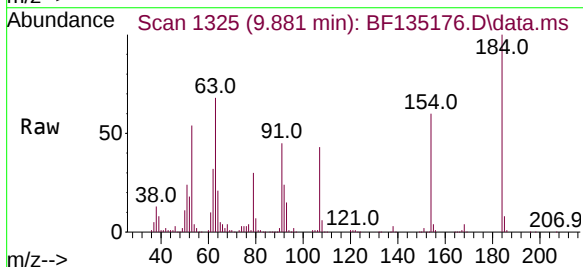
Instrument :
BNA_F
ClientSampleId :
PB155213BS

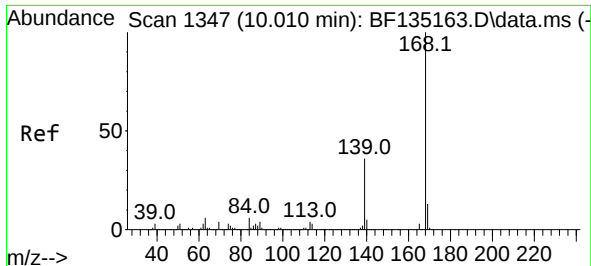
Tgt Ion:138 Resp: 112633
Ion Ratio Lower Upper
138 100
108 10.6 8.5 12.7
92 116.5 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 87.073 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.007 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

Tgt Ion:184 Resp: 159456
Ion Ratio Lower Upper
184 100
63 67.9 55.1 82.7
154 60.1 48.4 72.6

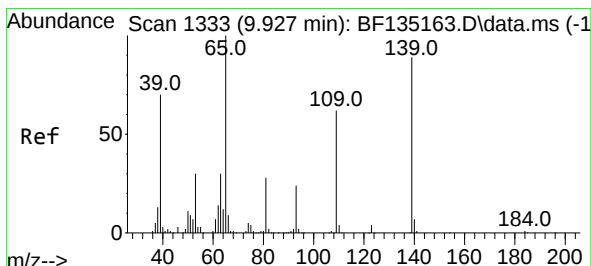
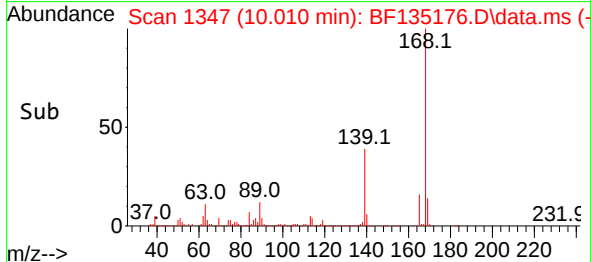
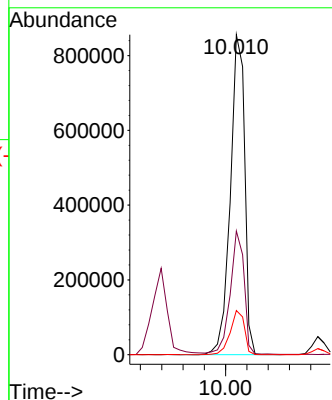
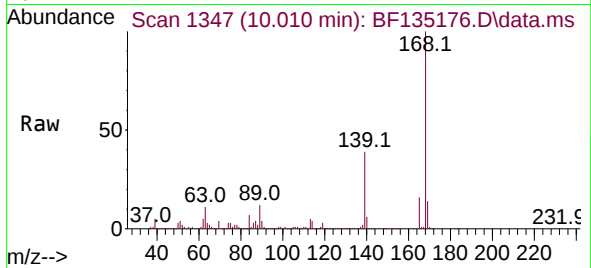




#55
Dibenzofuran
Concen: 44.388 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

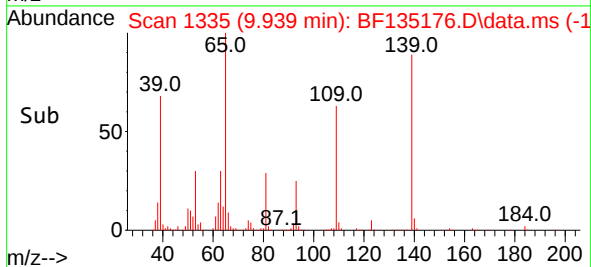
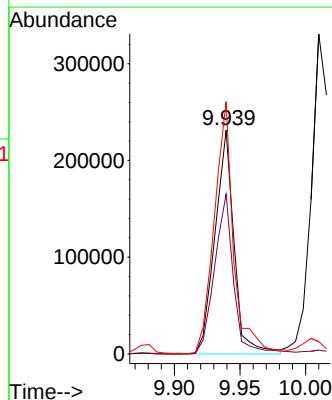
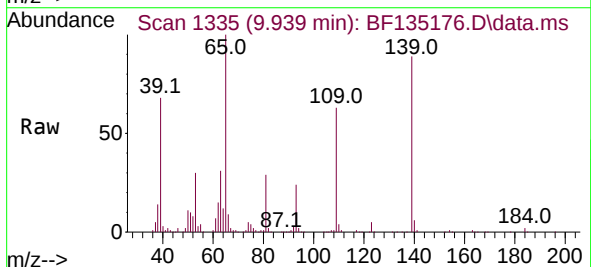
Instrument :
BNA_F
ClientSampleId :
PB155213BS

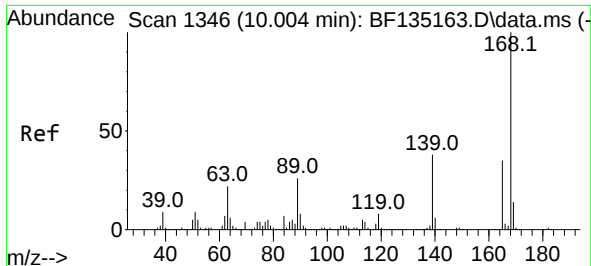
Tgt Ion:168 Resp: 802066
Ion Ratio Lower Upper
168 100
139 38.6 29.0 43.6
169 13.8 10.4 15.6



#56
4-Nitrophenol
Concen: 97.908 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

Tgt Ion:139 Resp: 234013
Ion Ratio Lower Upper
139 100
109 71.5 49.8 89.8
65 112.7 92.7 132.7

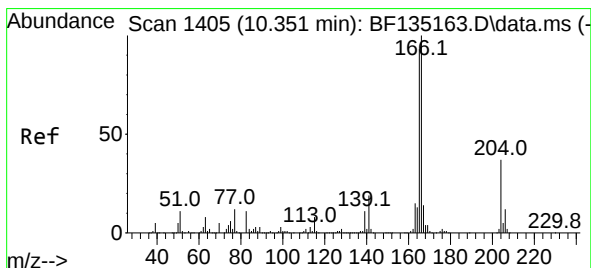
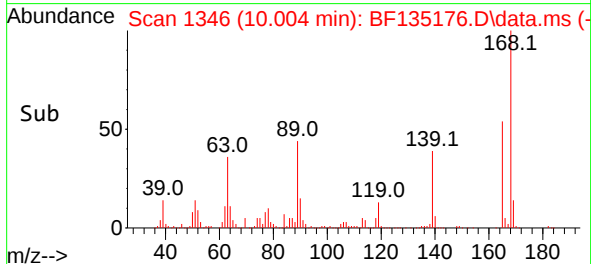
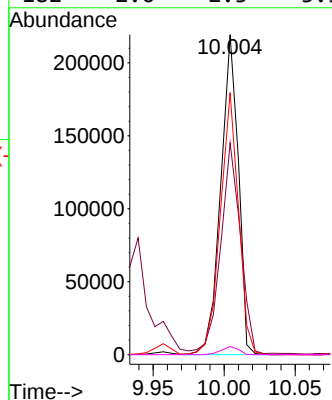
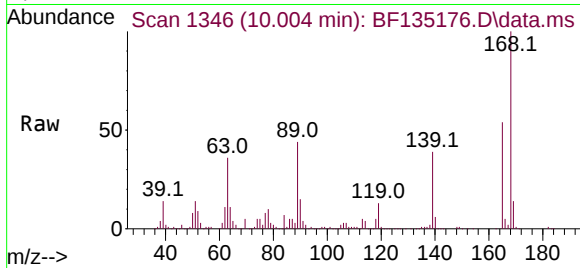




#57
2,4-Dinitrotoluene
Concen: 47.029 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

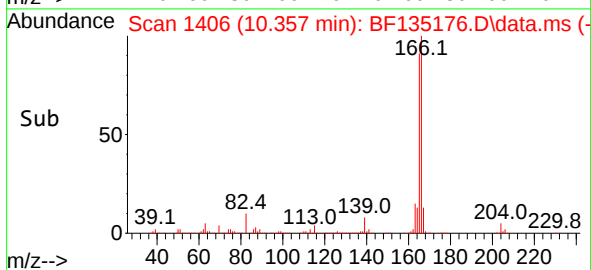
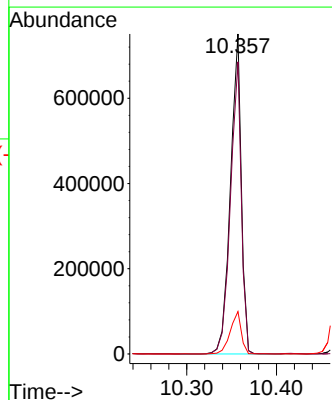
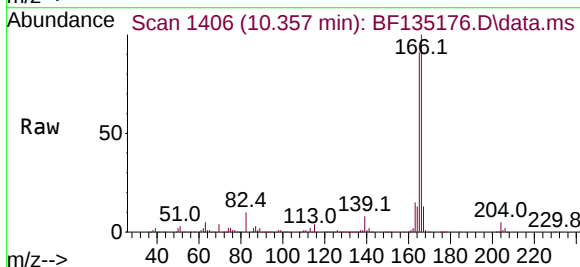
Instrument :
BNA_F
ClientSampleId :
PB155213BS

Tgt Ion:165 Resp: 188628
Ion Ratio Lower Upper
165 100
63 66.2 50.1 75.1
89 81.9 59.3 88.9
182 2.6 2.3 3.5



#58
Fluorene
Concen: 45.359 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

Tgt Ion:166 Resp: 630095
Ion Ratio Lower Upper
166 100
165 91.3 74.3 111.5
167 13.2 10.9 16.3

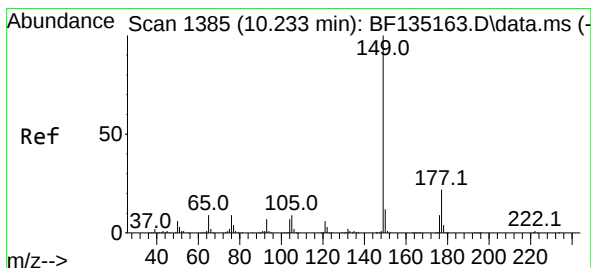
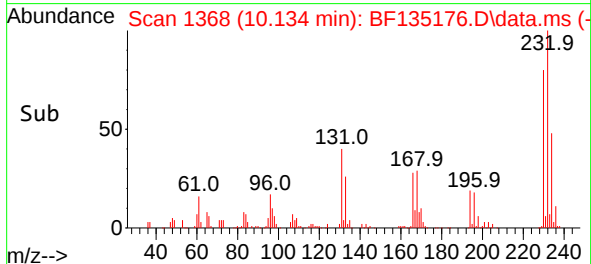
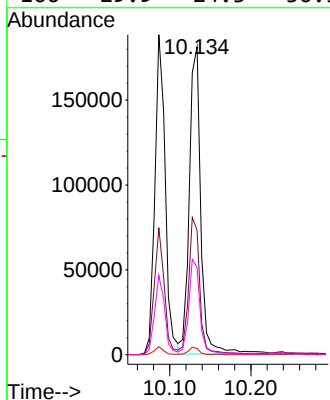
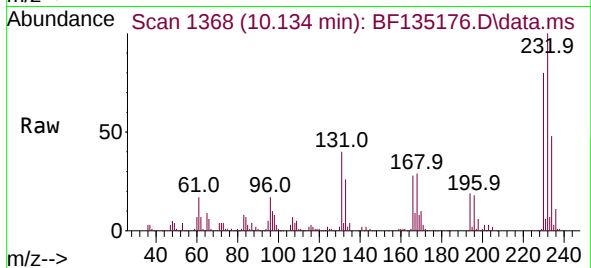




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.935 ng
RT: 10.134 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

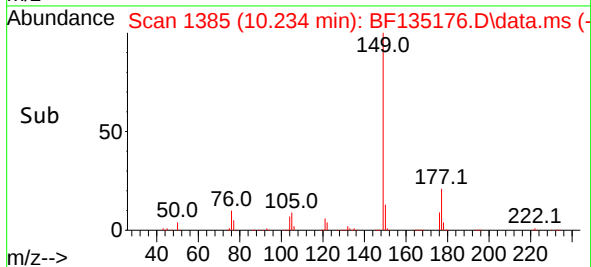
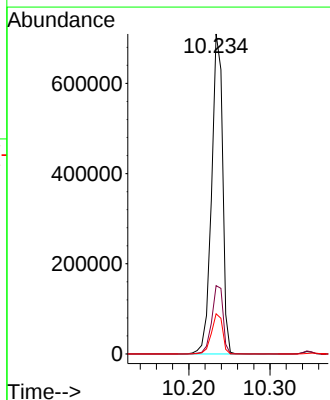
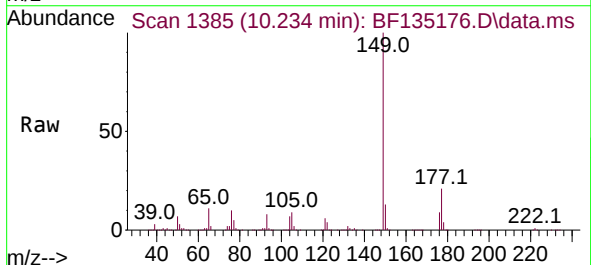
Instrument :
BNA_F
ClientSampleId :
PB155213BS

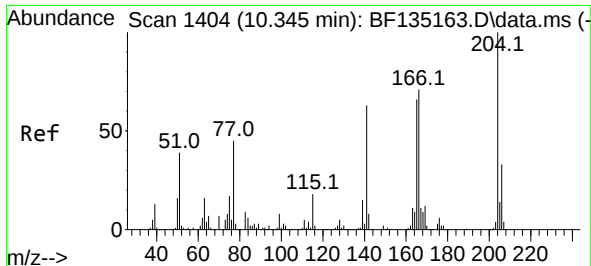
Tgt Ion:232 Resp: 177869
Ion Ratio Lower Upper
232 100
131 42.8 35.4 53.2
130 2.2 1.8 2.8
166 29.9 24.3 36.5



#60
Diethylphthalate
Concen: 45.445 ng
RT: 10.234 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

Tgt Ion:149 Resp: 667013
Ion Ratio Lower Upper
149 100
177 21.4 17.8 26.6
150 12.6 10.0 15.0

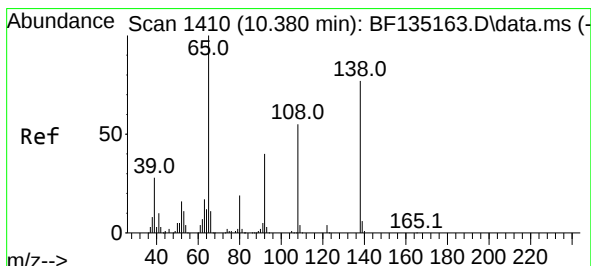
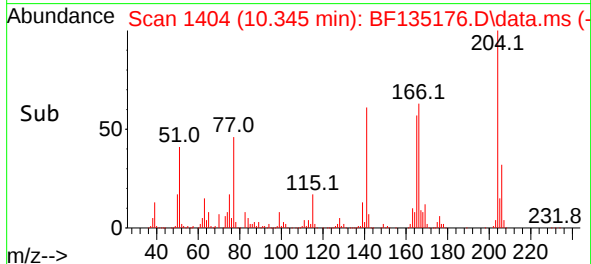
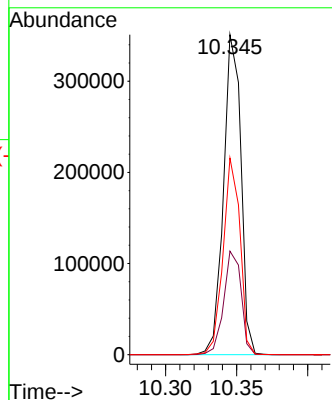
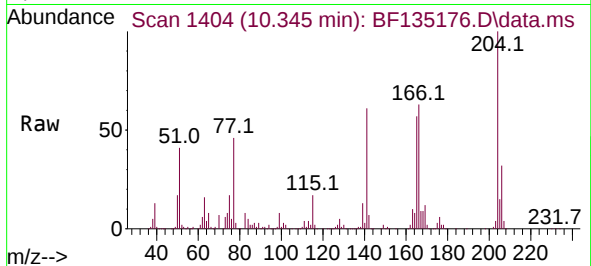




#61
4-Chlorophenyl-phenylether
Concen: 44.740 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

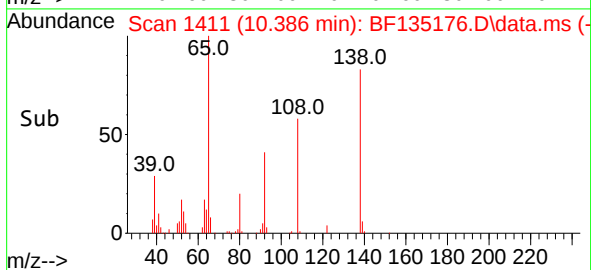
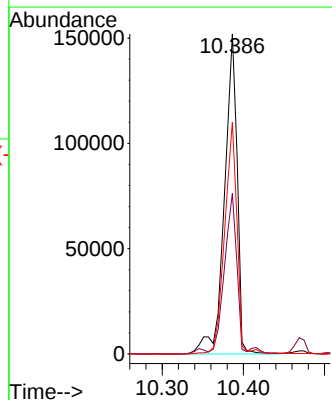
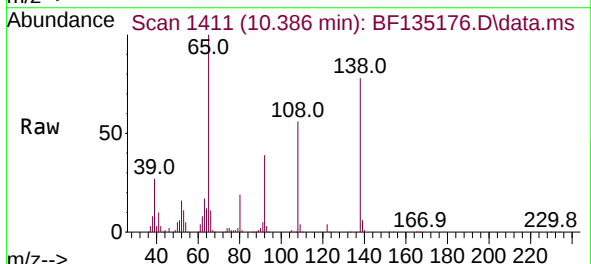
Instrument :
BNA_F
ClientSampleId :
PB155213BS

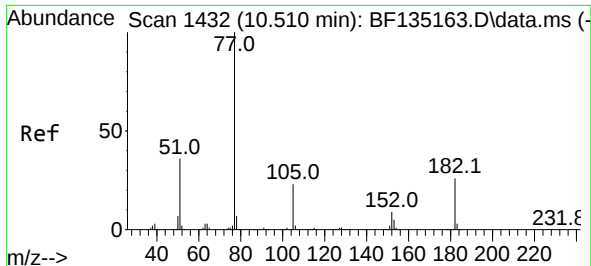
Tgt Ion:204 Resp: 298541
Ion Ratio Lower Upper
204 100
206 32.3 26.7 40.1
141 61.5 50.6 75.8



#62
4-Nitroaniline
Concen: 45.972 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

Tgt Ion:138 Resp: 166189
Ion Ratio Lower Upper
138 100
92 50.2 31.8 71.8
108 72.4 52.0 92.0

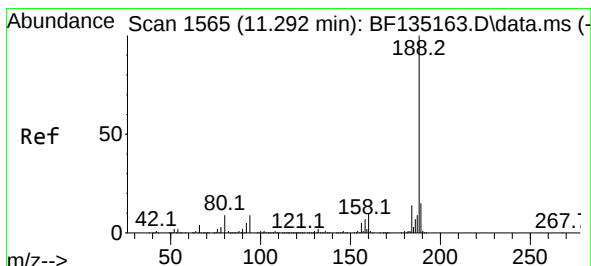
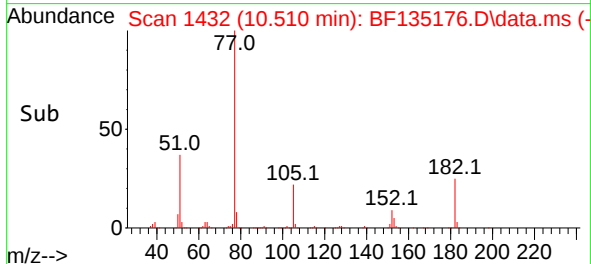
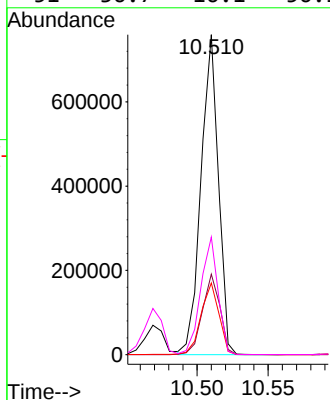
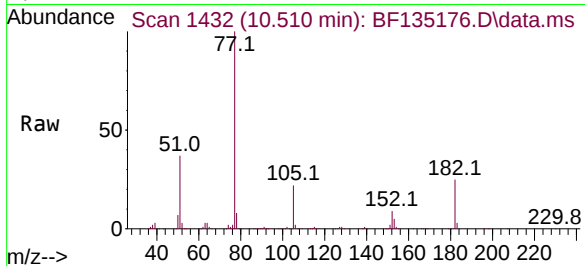




#63
Azobenzene
Concen: 45.091 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

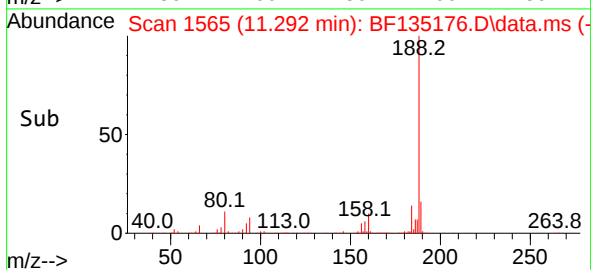
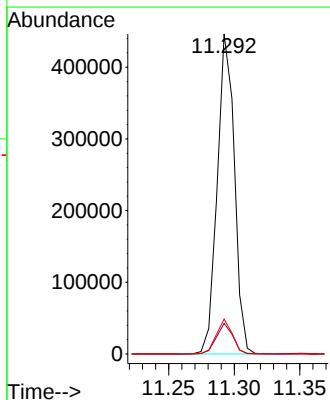
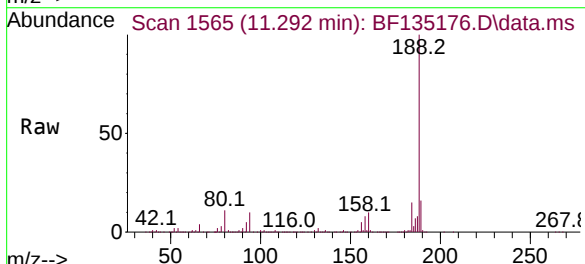
Instrument :
BNA_F
ClientSampleId :
PB155213BS

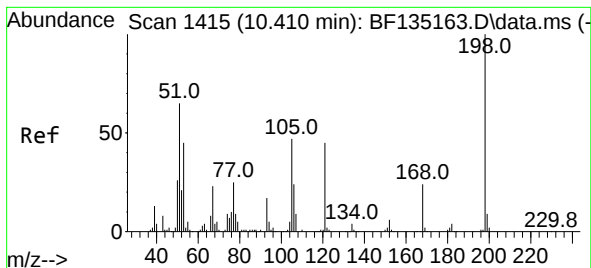
Tgt Ion: 77	Resp: 647705
Ion Ratio	Lower Upper
77 100	
182 25.1	6.4 46.4
105 22.4	3.1 43.1
51 36.7	16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

Tgt Ion:188	Resp: 405235
Ion Ratio	Lower Upper
188 100	
94 9.6	7.0 10.6
80 10.9	7.5 11.3

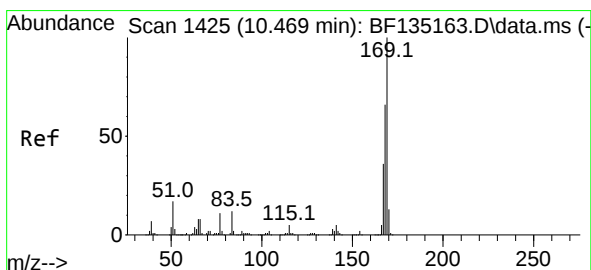
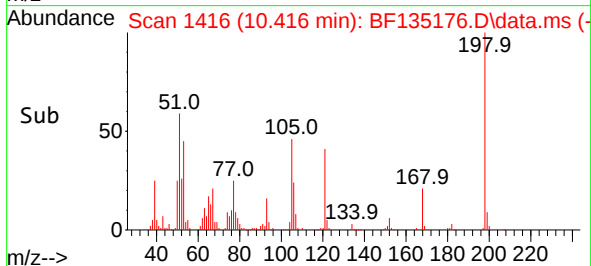
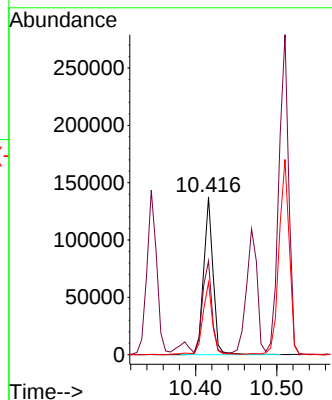
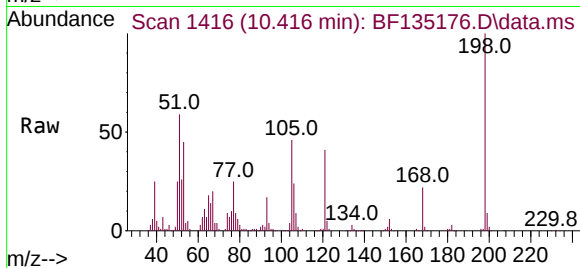




#65
4,6-Dinitro-2-methylphenol
Concen: 51.315 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

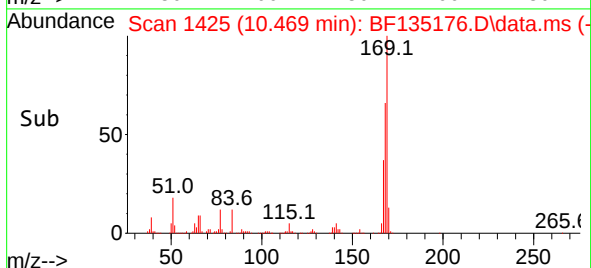
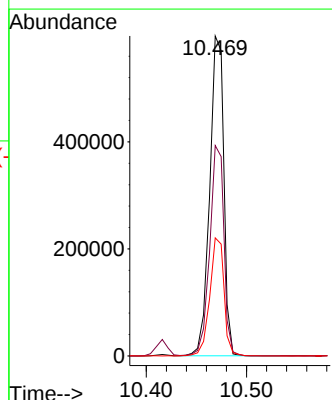
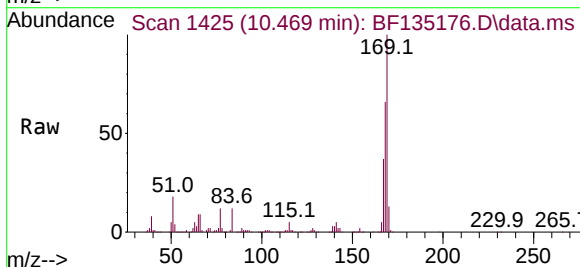
Instrument :
BNA_F
ClientSampleId :
PB155213BS

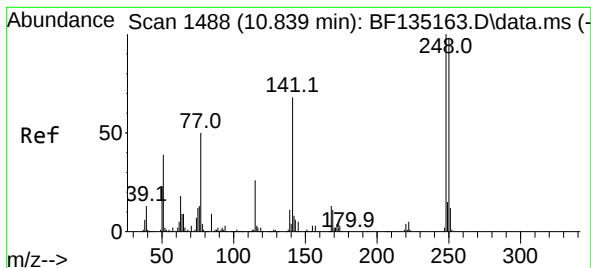
Tgt Ion:198 Resp: 110446
Ion Ratio Lower Upper
198 100
51 59.4 47.7 87.7
105 45.9 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 47.744 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

Tgt Ion:169 Resp: 585736
Ion Ratio Lower Upper
169 100
168 65.7 52.8 79.2
167 36.9 29.0 43.6

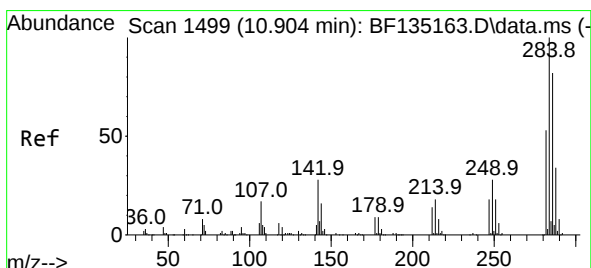
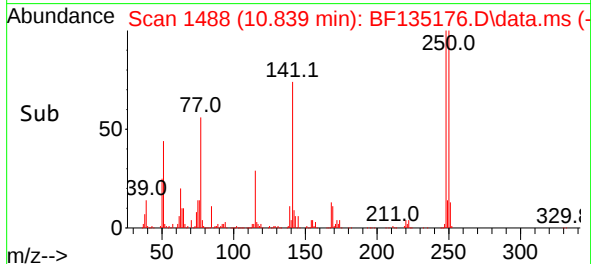
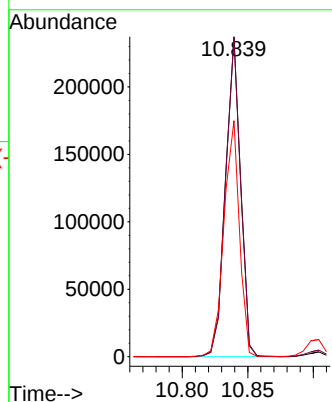
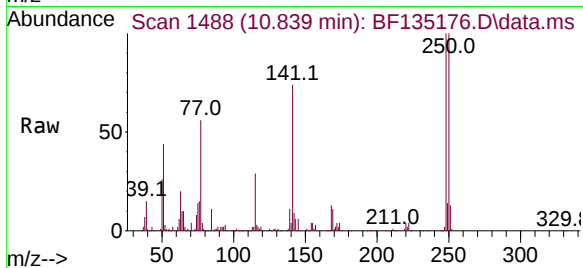




#67
4-Bromophenyl-phenylether
Concen: 47.019 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

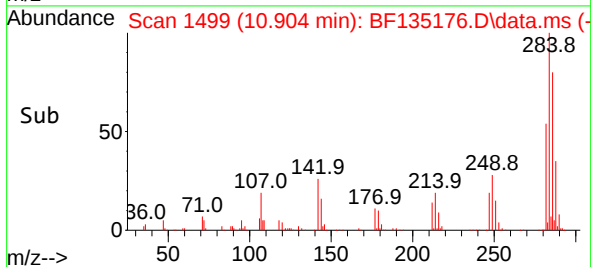
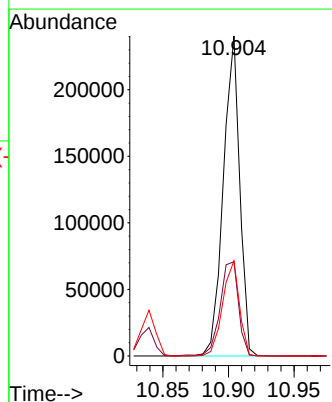
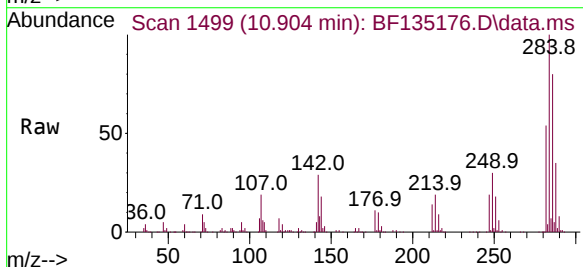
Instrument :
BNA_F
ClientSampleId :
PB155213BS

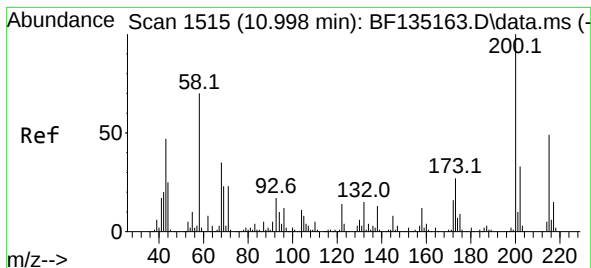
Tgt Ion:248 Resp: 189504
Ion Ratio Lower Upper
248 100
250 100.1 78.6 117.8
141 73.9 54.2 81.2



#68
Hexachlorobenzene
Concen: 50.652 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

Tgt Ion:284 Resp: 207978
Ion Ratio Lower Upper
284 100
142 29.4 22.2 33.4
249 29.7 22.5 33.7





#69

Atrazine

Concen: 57.049 ng

RT: 11.004 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB155213BS

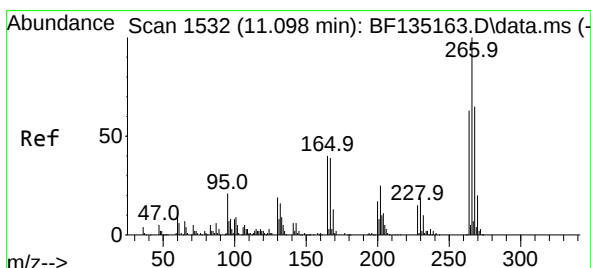
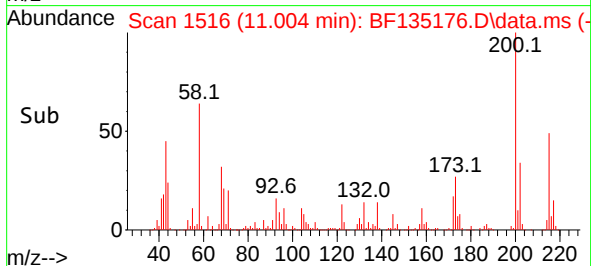
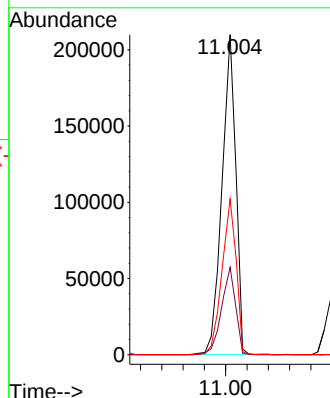
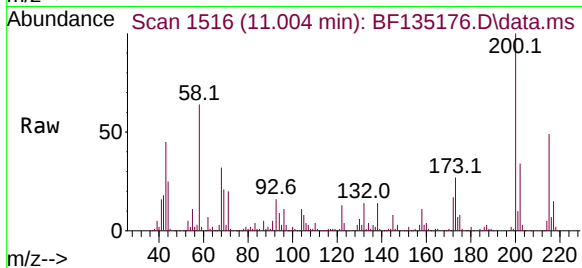
Tgt Ion:200 Resp: 188323

Ion Ratio Lower Upper

200 100

173 27.3 7.4 47.4

215 48.7 28.6 68.6



#70

Pentachlorophenol

Concen: 91.144 ng

RT: 11.104 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

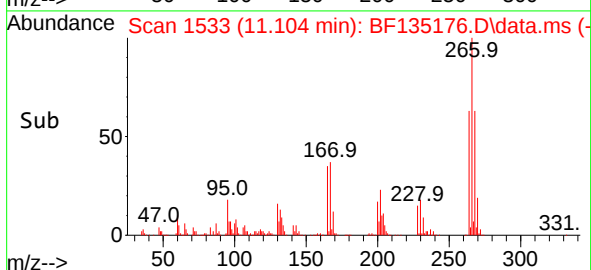
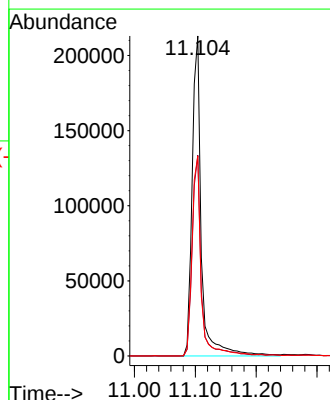
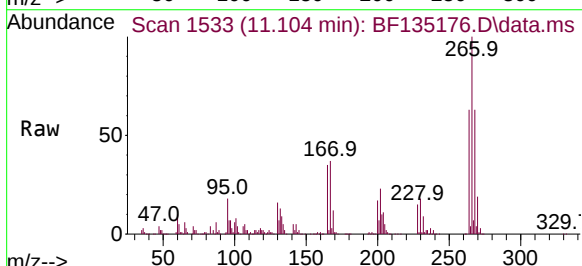
Tgt Ion:266 Resp: 223907

Ion Ratio Lower Upper

266 100

268 62.7 52.1 78.1

264 62.5 50.8 76.2





#71

Phenanthrene

Concen: 48.141 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB155213BS

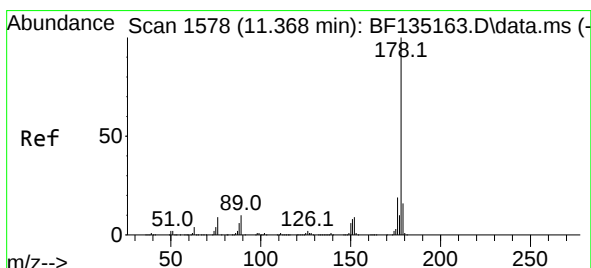
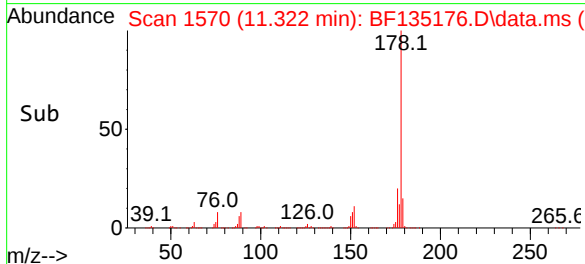
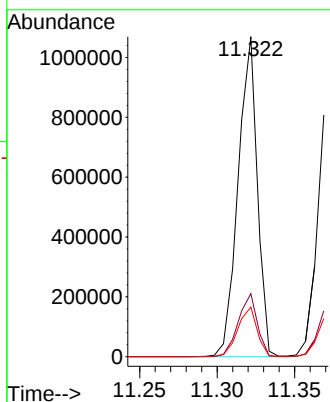
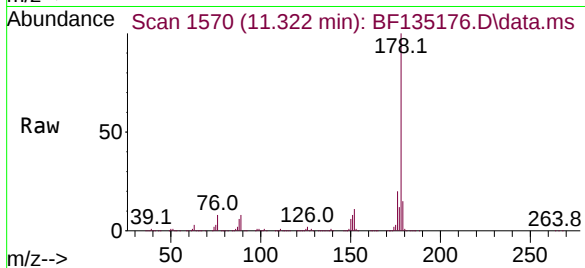
Tgt Ion:178 Resp: 922666

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.5 12.0 18.0



#72

Anthracene

Concen: 47.319 ng

RT: 11.375 min Scan# 1579

Delta R.T. 0.006 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

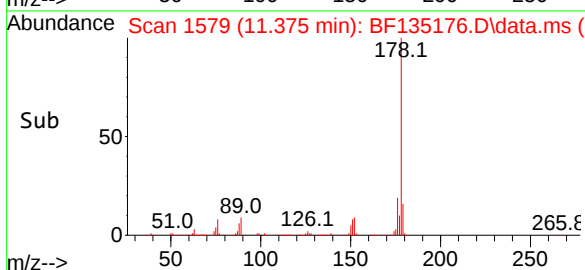
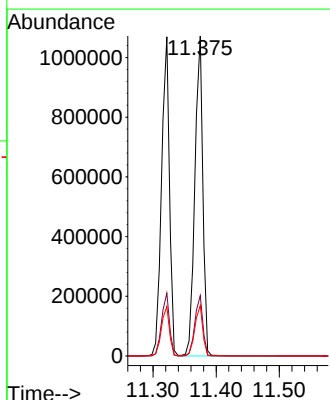
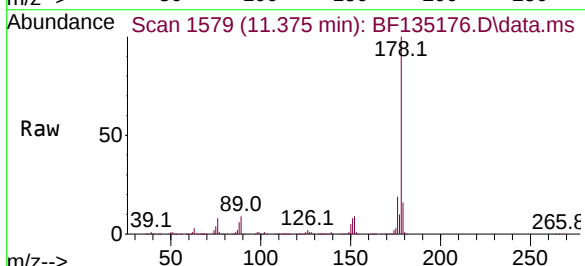
Tgt Ion:178 Resp: 932210

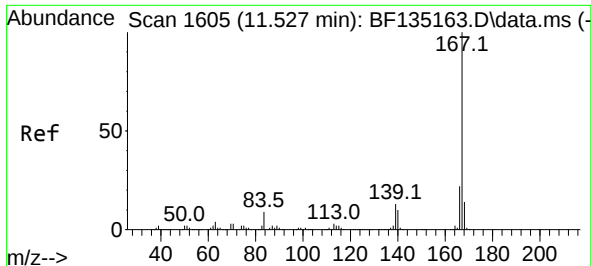
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

179 15.8 12.6 19.0

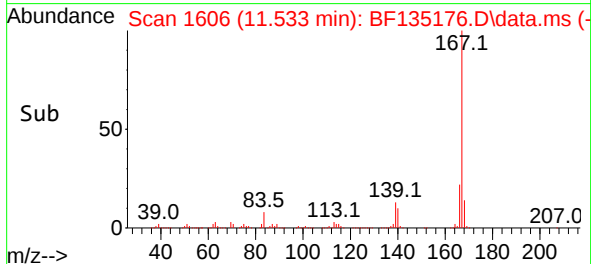
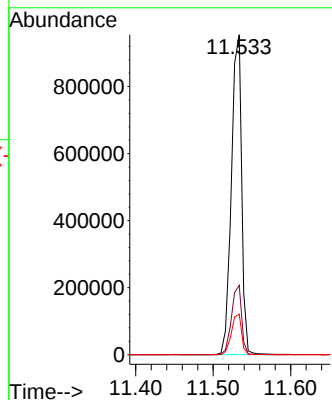
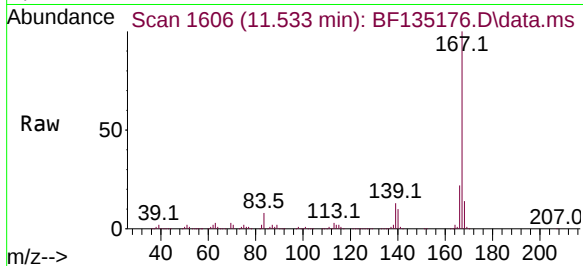




#73
Carbazole
Concen: 49.044 ng
RT: 11.533 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

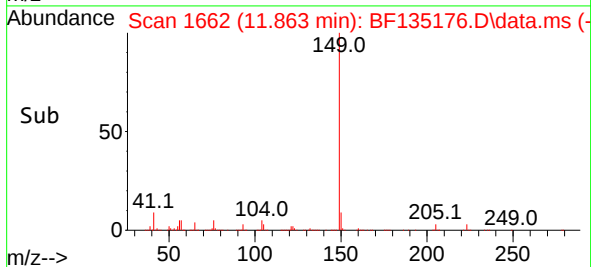
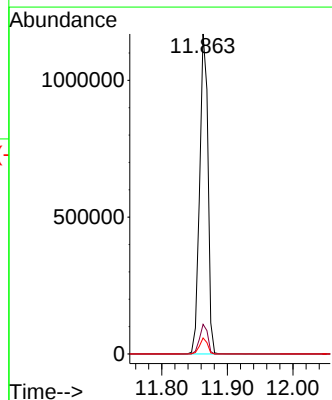
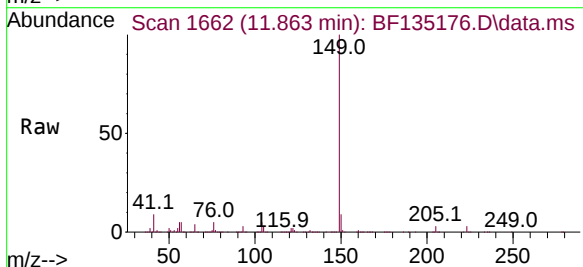
Instrument :
BNA_F
ClientSampleId :
PB155213BS

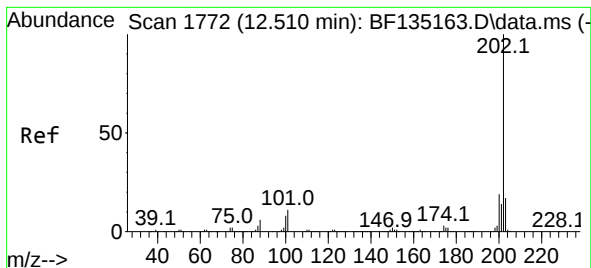
Tgt Ion:167 Resp: 879535
Ion Ratio Lower Upper
167 100
166 21.7 17.4 26.0
139 12.7 10.6 15.8



#74
Di-n-butylphthalate
Concen: 48.770 ng
RT: 11.863 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

Tgt Ion:149 Resp: 1030614
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.0 3.6 5.4





#75

Fluoranthene

Concen: 48.360 ng

RT: 12.516 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB155213BS

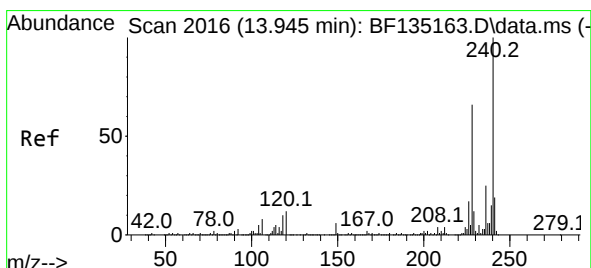
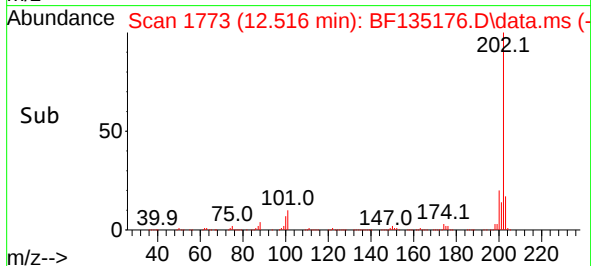
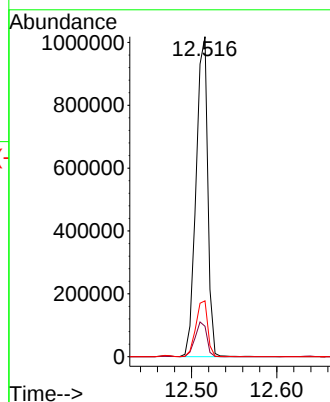
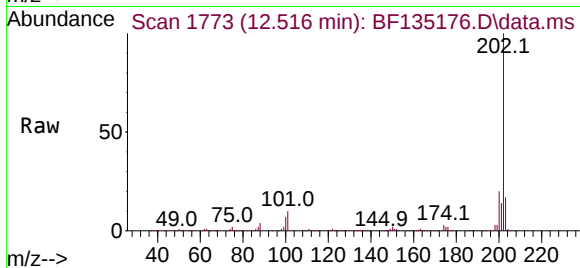
Tgt Ion:202 Resp: 965778

Ion Ratio Lower Upper

202 100

101 9.5 0.0 31.3

203 17.5 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

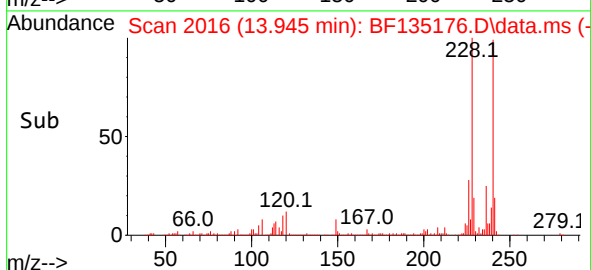
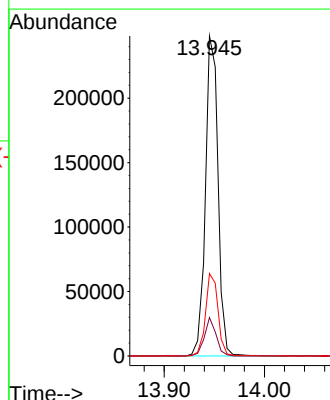
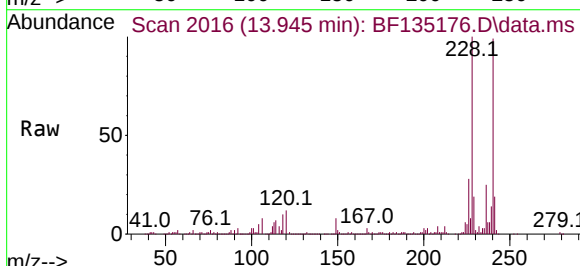
Tgt Ion:240 Resp: 217500

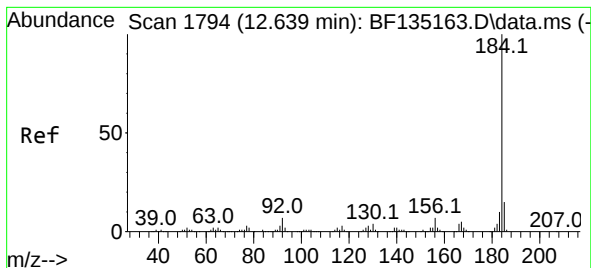
Ion Ratio Lower Upper

240 100

120 12.0 9.4 14.2

236 25.7 19.8 29.8





#77

Benzidine

Concen: 66.019 ng

RT: 12.639 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB155213BS

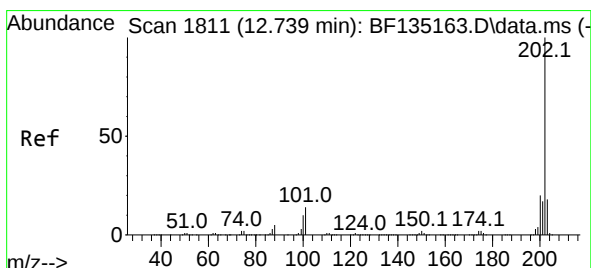
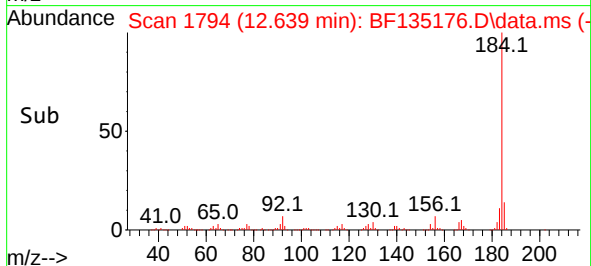
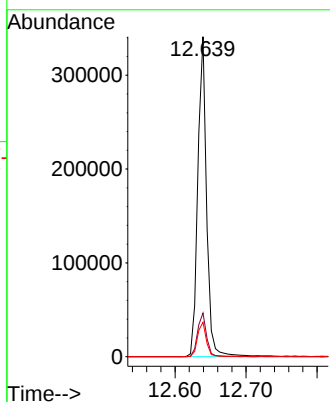
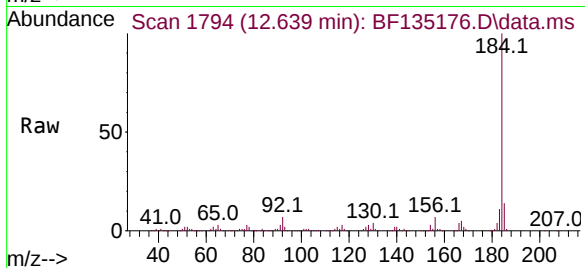
Tgt Ion:184 Resp: 294173

Ion Ratio Lower Upper

184 100

185 13.7 11.7 17.5

183 10.8 8.2 12.4



#78

Pyrene

Concen: 47.603 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

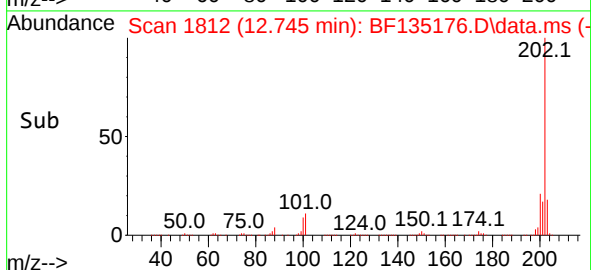
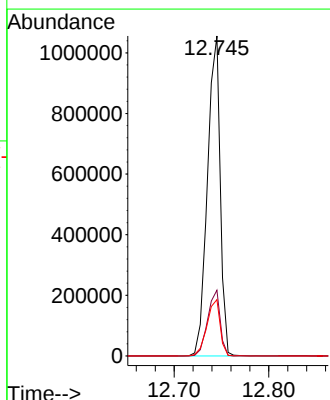
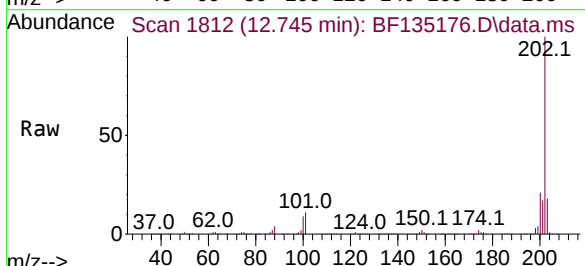
Tgt Ion:202 Resp: 985739

Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.2

203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 92.285 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB155213BS

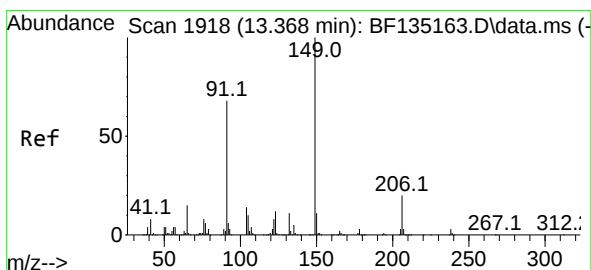
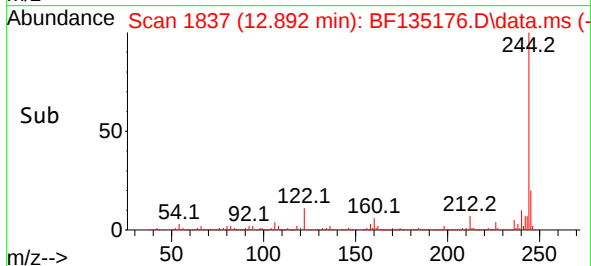
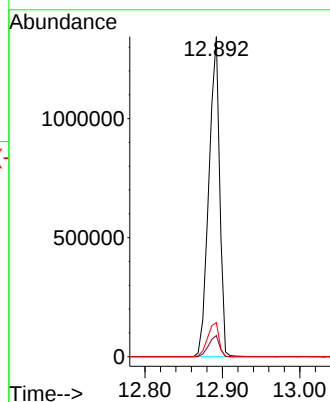
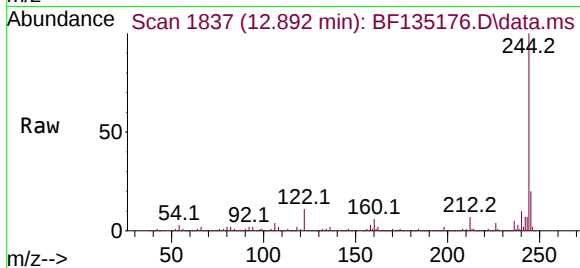
Tgt Ion:244 Resp: 1294813

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 10.6 7.9 11.9



#80

Butylbenzylphthalate

Concen: 49.900 ng

RT: 13.369 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

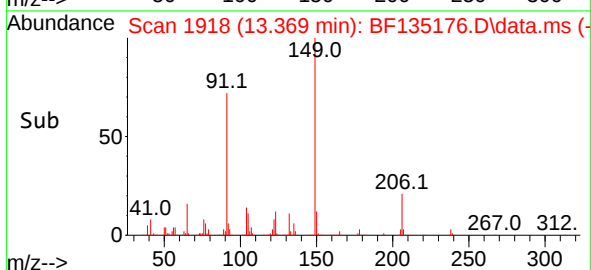
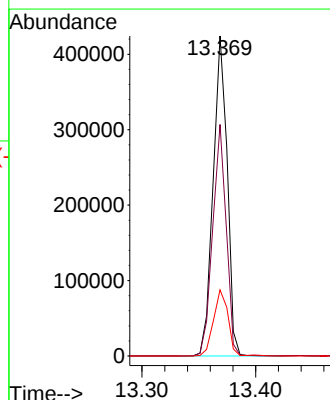
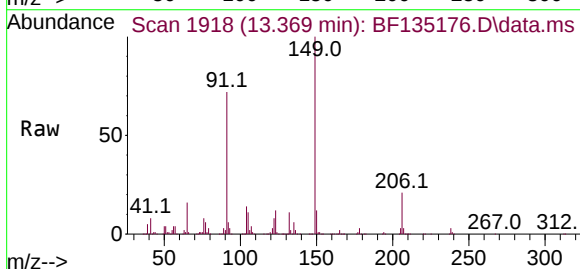
Tgt Ion:149 Resp: 363811

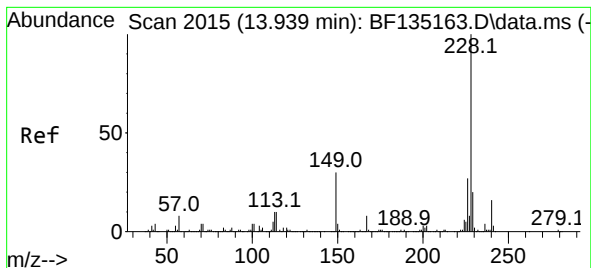
Ion Ratio Lower Upper

149 100

91 72.3 54.7 82.1

206 20.7 16.3 24.5





#81

Benzo(a)anthracene

Concen: 47.383 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB155213BS

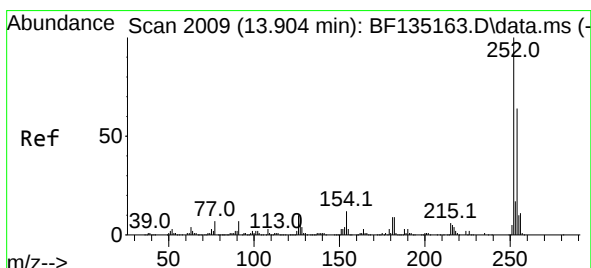
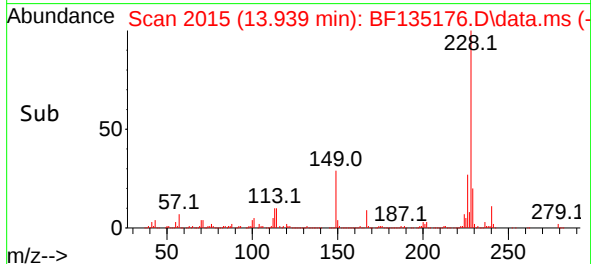
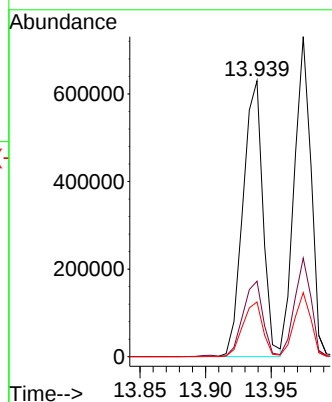
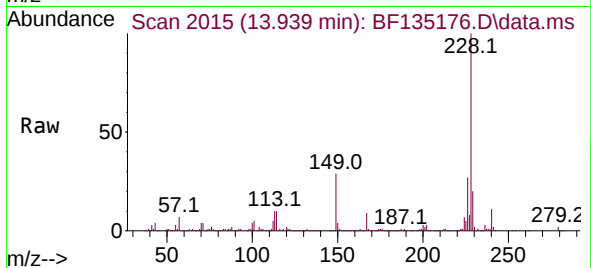
Tgt Ion:228 Resp: 665480

Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 32.373 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

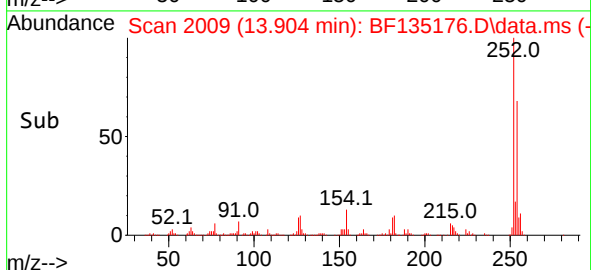
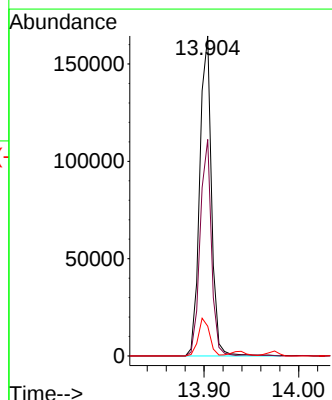
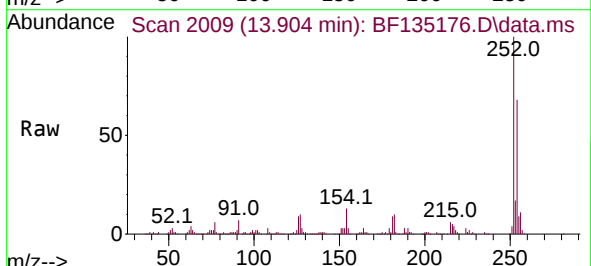
Tgt Ion:252 Resp: 142014

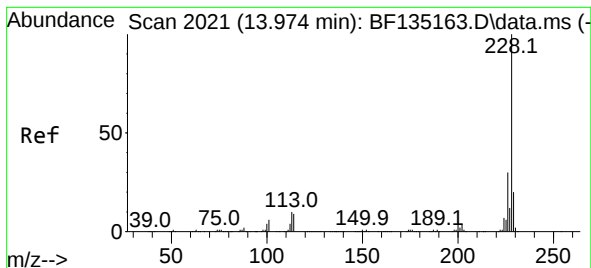
Ion Ratio Lower Upper

252 100

254 67.7 51.0 76.4

126 9.3 7.8 11.8





#83

Chrysene

Concen: 46.348 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB155213BS

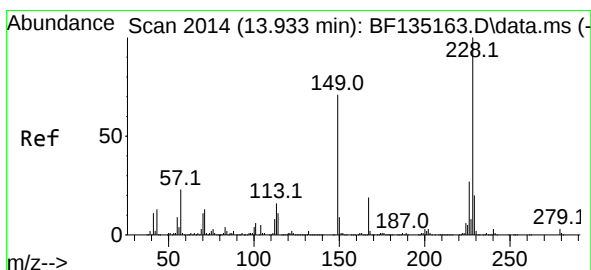
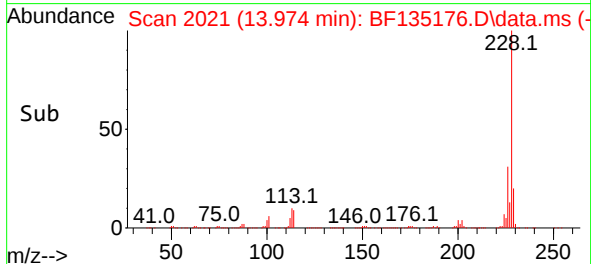
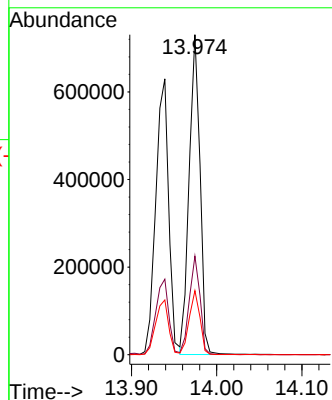
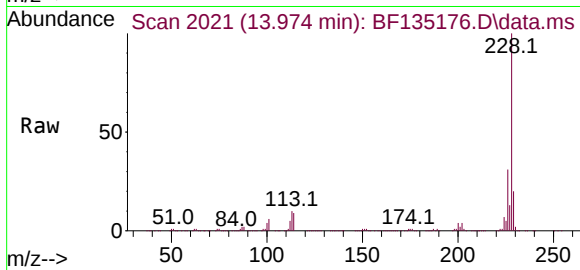
Tgt Ion:228 Resp: 647188

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.373 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

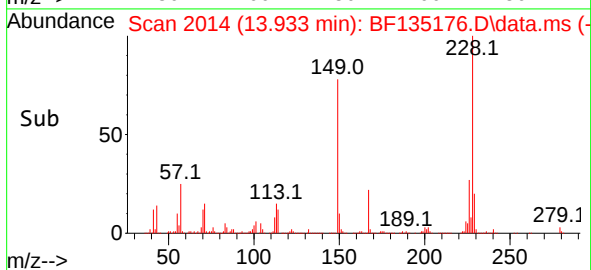
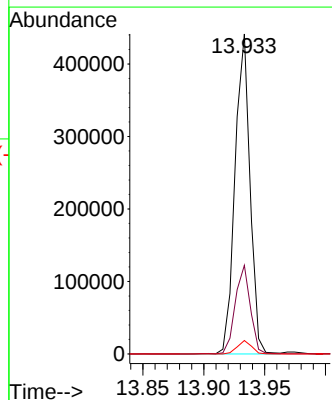
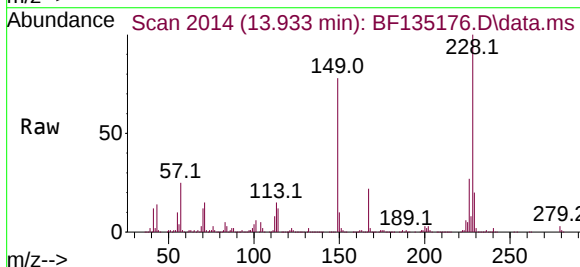
Tgt Ion:149 Resp: 376877

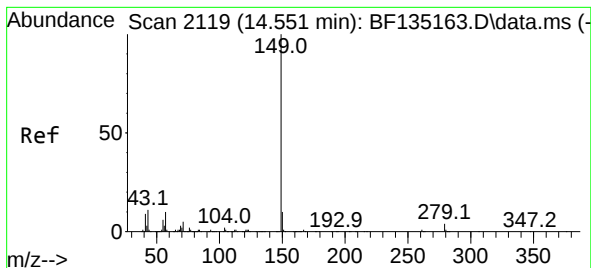
Ion Ratio Lower Upper

149 100

167 27.7 21.9 32.9

279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 49.847 ng

RT: 14.551 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB155213BS

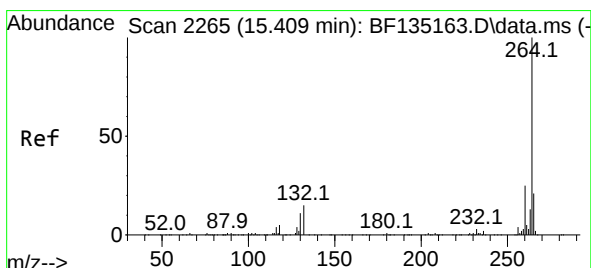
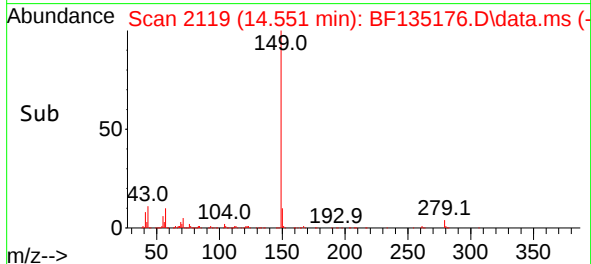
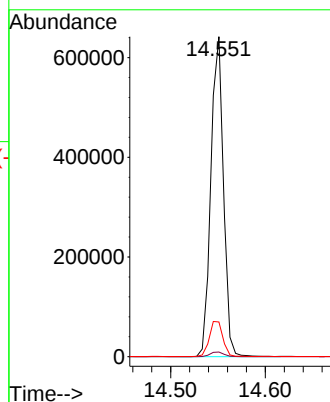
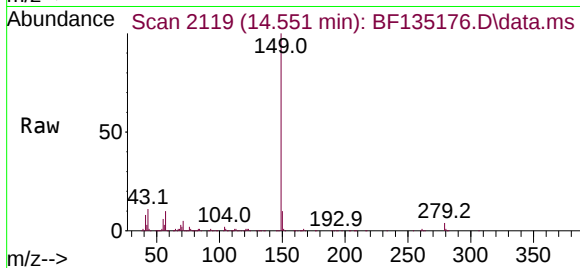
Tgt Ion:149 Resp: 592677

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 11.8 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: BF135176.D

Acq: 12 Sep 2023 12:04

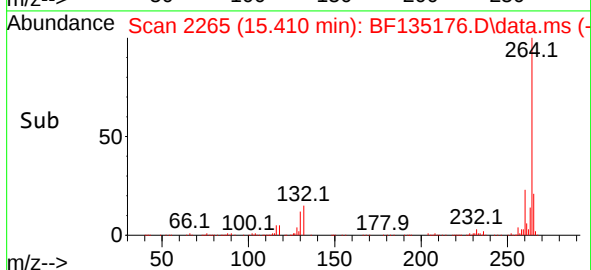
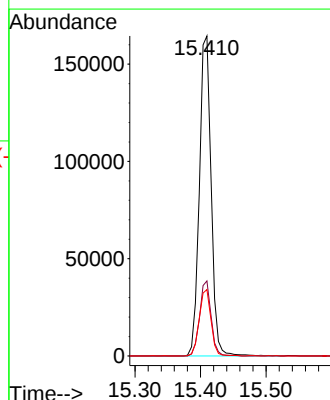
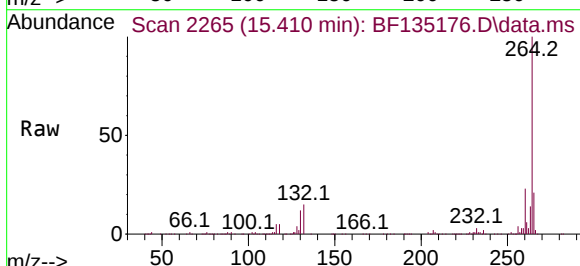
Tgt Ion:264 Resp: 205916

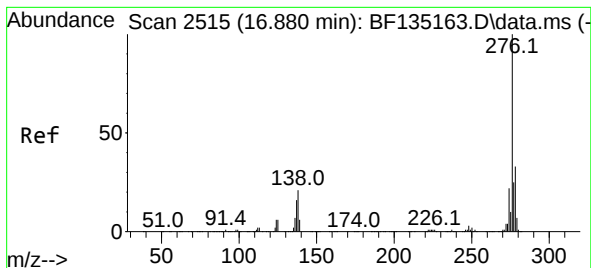
Ion Ratio Lower Upper

264 100

260 23.4 19.8 29.6

265 20.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.541 ng

RT: 16.886 min Scan# 2116

Delta R.T. 0.006 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB155213BS

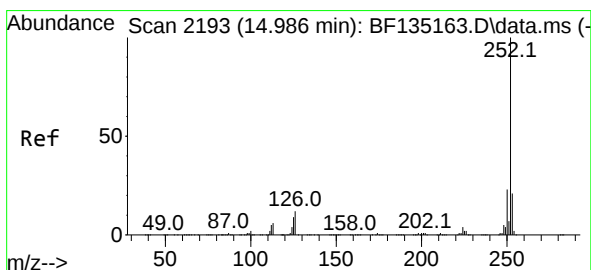
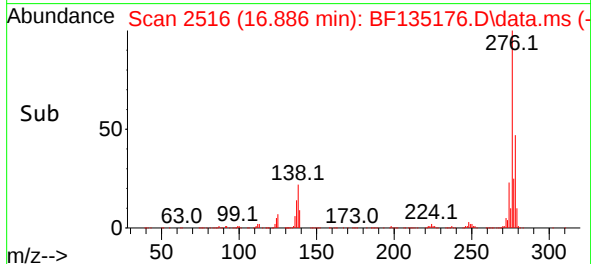
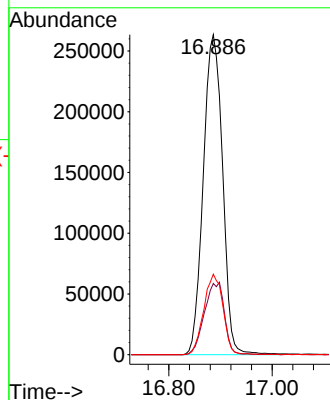
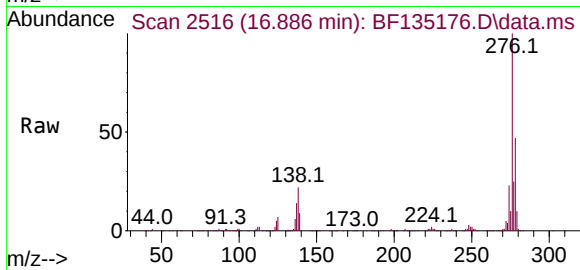
Tgt Ion:276 Resp: 682370

Ion Ratio Lower Upper

276 100

138 23.5 19.2 28.8

277 25.1 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 51.286 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

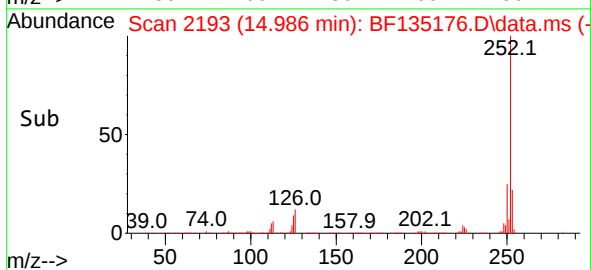
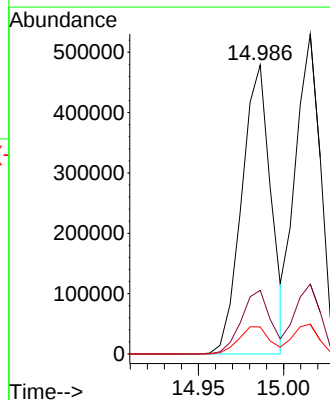
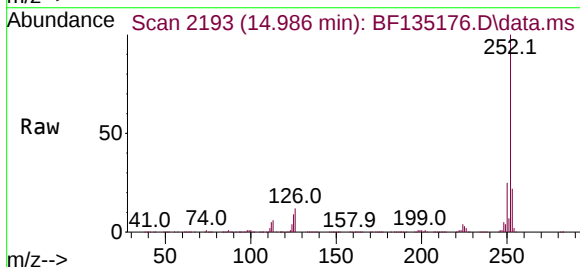
Tgt Ion:252 Resp: 571680

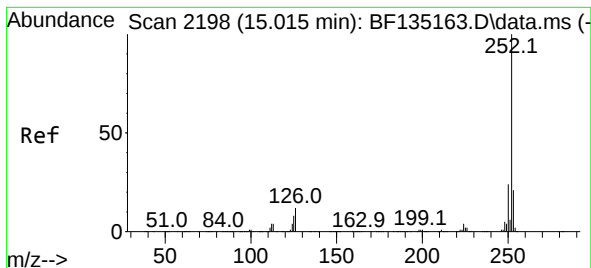
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 9.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 50.351 ng

RT: 15.016 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

Instrument :

BNA_F

ClientSampleId :

PB155213BS

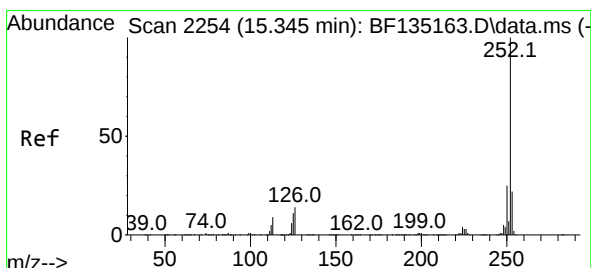
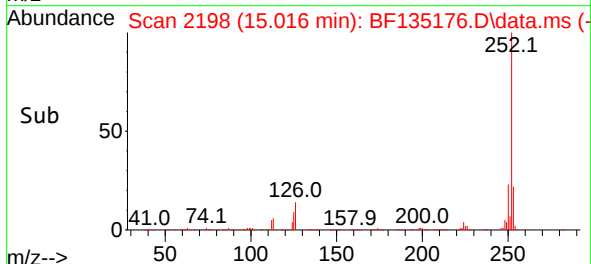
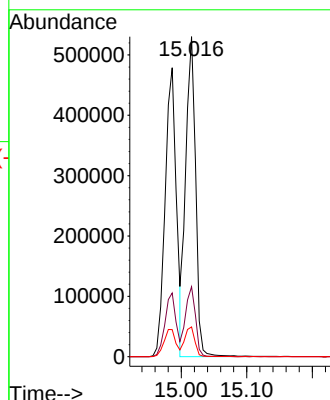
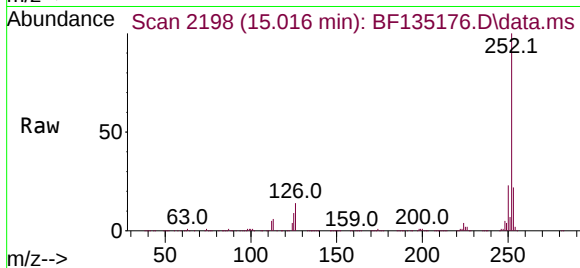
Tgt Ion:252 Resp: 554430

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 9.3 7.2 10.8



#90

Benzo(a)pyrene

Concen: 47.368 ng

RT: 15.345 min Scan# 2254

Delta R.T. 0.000 min

Lab File: BF135176.D

Acq: 12 Sep 2023 12:04

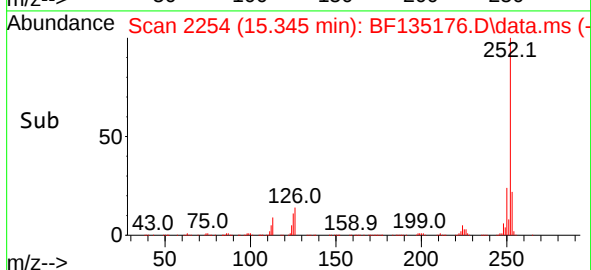
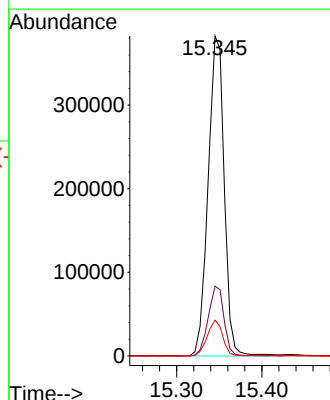
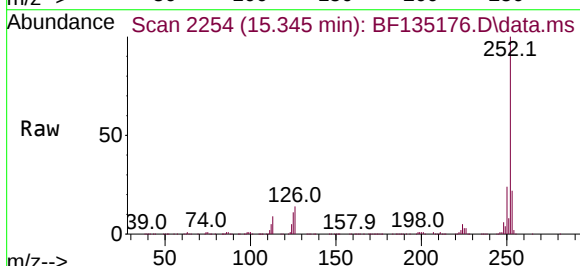
Tgt Ion:252 Resp: 503530

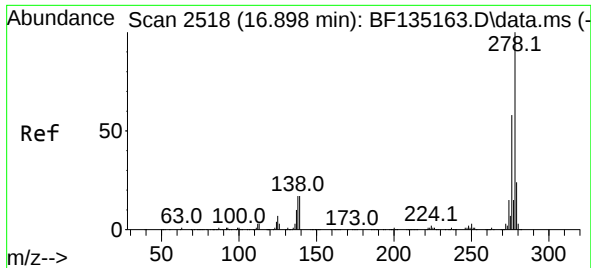
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 11.2 9.2 13.8

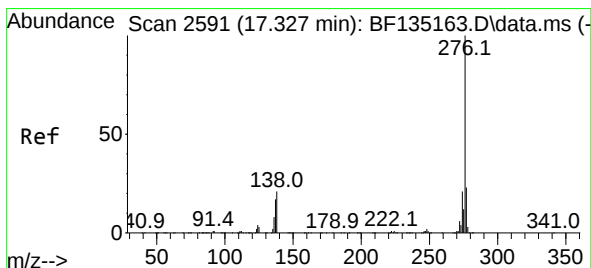
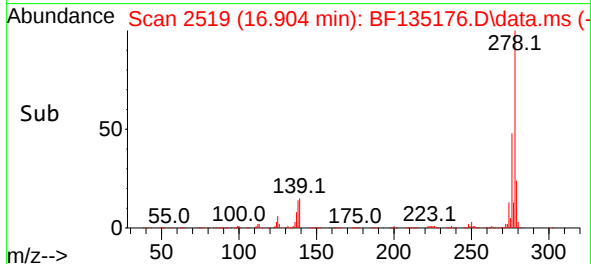
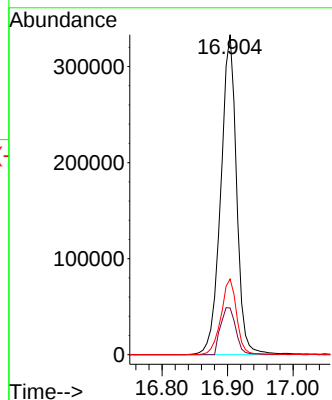
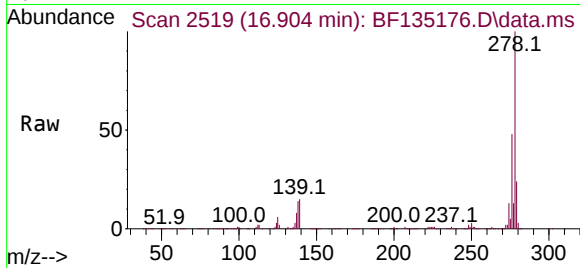




#91
Dibenzo(a,h)anthracene
Concen: 50.319 ng
RT: 16.904 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

Instrument :
BNA_F
ClientSampleId :
PB155213BS

Tgt Ion:278 Resp: 555875
Ion Ratio Lower Upper
278 100
139 14.6 13.4 20.0
279 23.7 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 50.324 ng
RT: 17.333 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF135176.D
Acq: 12 Sep 2023 12:04

Tgt Ion:276 Resp: 580589
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 20.9 16.9 25.3

