

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135252.D
 Acq On : 14 Sep 2023 14:05
 Operator : CG\JU
 Sample : PB154909BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154909BS

Quant Time: Sep 15 01:08:18 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	115723	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	450978	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	253937	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	495256	20.000	ng	0.00
76) Chrysene-d12	13.951	240	254422	20.000	ng	0.00
86) Perylene-d12	15.415	264	235204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	974781	137.002	ng	0.02
7) Phenol-d6	6.416	99	1262582	139.554	ng	0.01
23) Nitrobenzene-d5	7.333	82	747873	90.096	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	335039	132.767	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	1420581	84.401	ng	0.00
79) Terphenyl-d14	12.898	244	1527365	93.062	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	126861	40.672	ng	99
3) Pyridine	3.340	79	305495	36.391	ng	98
4) n-Nitrosodimethylamine	3.304	42	199194	44.715	ng	99
6) Aniline	6.434	93	400946	33.795	ng	# 68
8) 2-Chlorophenol	6.551	128	388906	51.203	ng	99
9) Benzaldehyde	6.316	77	141661	27.486	ng	95
10) Phenol	6.428	94	447245	45.082	ng	80
11) bis(2-Chloroethyl)ether	6.510	93	360374	48.427	ng	100
12) 1,3-Dichlorobenzene	6.704	146	372141	48.210	ng	99
13) 1,4-Dichlorobenzene	6.781	146	365767	46.574	ng	98
14) 1,2-Dichlorobenzene	6.934	146	360673	49.454	ng	98
15) Benzyl Alcohol	6.916	79	323620	49.848	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.045	45	665759	47.464	ng	97
17) 2-Methylphenol	7.028	107	313142	46.719	ng	97
18) Hexachloroethane	7.269	117	133629	46.051	ng	91
19) n-Nitroso-di-n-propyla...	7.186	70	244006	43.543	ng	98
20) 3+4-Methylphenols	7.181	107	342309	42.472	ng	95
22) Acetophenone	7.181	105	470406	45.624	ng	99
24) Nitrobenzene	7.351	77	372311	45.379	ng	98
25) Isophorone	7.592	82	690160	45.279	ng	99
26) 2-Nitrophenol	7.669	139	189822	48.206	ng	95
27) 2,4-Dimethylphenol	7.710	122	321420	48.561	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	420483	46.090	ng	99
29) 2,4-Dichlorophenol	7.910	162	293538	47.861	ng	98
30) 1,2,4-Trichlorobenzene	7.986	180	301727	47.068	ng	99
31) Naphthalene	8.069	128	1003512	45.798	ng	100
32) Benzoic acid	7.857	122	243199	48.796	ng	91
33) 4-Chloroaniline	8.122	127	167646	17.438	ng	98
34) Hexachlorobutadiene	8.181	225	184890	47.832	ng	99
35) Caprolactam	8.504	113	62013	30.127	ng	98
36) 4-Chloro-3-methylphenol	8.616	107	356564	52.309	ng	100
37) 2-Methylnaphthalene	8.763	142	690219	46.861	ng	99
38) 1-Methylnaphthalene	8.857	142	652150	47.292	ng	99
40) 1,2,4,5-Tetrachloroben...	8.928	216	324700	44.136	ng	99
41) Hexachlorocyclopentadiene	8.910	237	273202	83.885	ng	99
43) 2,4,6-Trichlorophenol	9.045	196	224078	46.520	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	245408	44.241	ng	96
46) 1,1'-Biphenyl	9.227	154	876919	44.936	ng	99
47) 2-Chloronaphthalene	9.251	162	652576	46.089	ng	98
48) 2-Nitroaniline	9.357	65	254128	46.199	ng	99
49) Acenaphthylene	9.669	152	1023599	43.499	ng	99
50) Dimethylphthalate	9.539	163	788566	45.930	ng	100
51) 2,6-Dinitrotoluene	9.598	165	181679	48.305	ng	98
52) Acenaphthene	9.839	154	632055	45.468	ng	96
53) 3-Nitroaniline	9.769	138	134778	30.528	ng	99
54) 2,4-Dinitrophenol	9.886	184	194580	90.262	ng	98
55) Dibenzofuran	10.016	168	913823	43.079	ng	99
56) 4-Nitrophenol	9.945	139	265239	94.529	ng	97
57) 2,4-Dinitrotoluene	10.010	165	209114	44.411	ng	86
58) Fluorene	10.357	166	712367	43.683	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.133	232	210986	49.446	ng	98
60) Diethylphthalate	10.239	149	801506	46.517	ng	99
61) 4-Chlorophenyl-phenyle...	10.351	204	337857	43.129	ng	96
62) 4-Nitroaniline	10.392	138	199337	46.971	ng	98
63) Azobenzene	10.510	77	768705	45.585	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	133860	50.888	ng	93
66) n-Nitrosodiphenylamine	10.474	169	683372	45.577	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	222865	45.246	ng	# 92
68) Hexachlorobenzene	10.904	284	241615	48.148	ng	# 90
69) Atrazine	11.010	200	229085	56.783	ng	99
70) Pentachlorophenol	11.104	266	257574	85.791	ng	97
71) Phenanthrene	11.321	178	1076780	45.970	ng	99
72) Anthracene	11.374	178	1087996	45.189	ng	99
73) Carbazole	11.533	167	1044575	47.659	ng	100
74) Di-n-butylphthalate	11.868	149	1255501	48.613	ng	99
75) Fluoranthene	12.515	202	1159352	47.501	ng	99
77) Benzidine	12.639	184	334603	64.195	ng	98
78) Pyrene	12.745	202	1155046	47.684	ng	99
80) Butylbenzylphthalate	13.374	149	477370	55.974	ng	99
81) Benzo(a)anthracene	13.945	228	748053	45.533	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	175847	34.268	ng	98
83) Chrysene	13.980	228	748632	45.833	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	558176	63.779	ng	# 98
85) Di-n-octyl phthalate	14.551	149	844204	60.698	ng	99
87) Indeno(1,2,3-cd)pyrene	16.903	276	766351	49.694	ng	99
88) Benzo(b)fluoranthene	14.992	252	640247	50.285	ng	98
89) Benzo(k)fluoranthene	15.021	252	633637	50.379	ng	99
90) Benzo(a)pyrene	15.357	252	578749	47.665	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	620721	49.193	ng	98
92) Benzo(g,h,i)perylene	17.350	276	628904	47.724	ng	99

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

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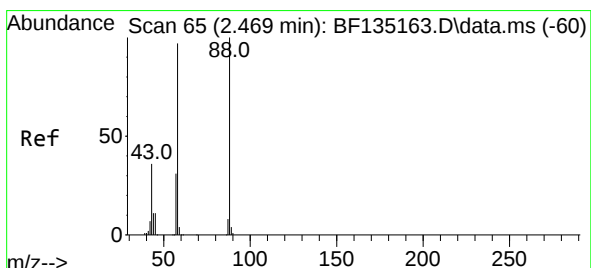
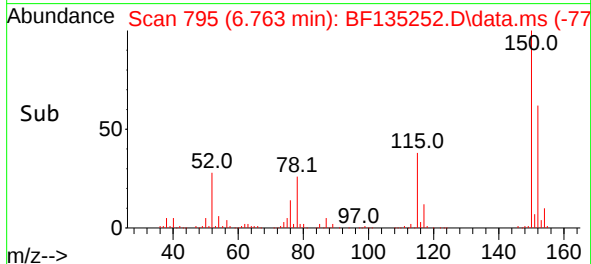
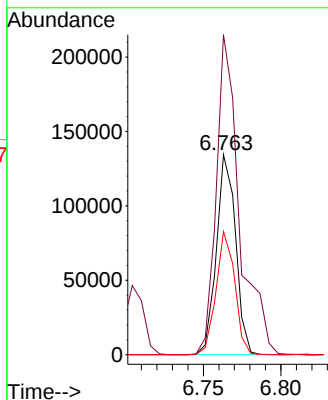
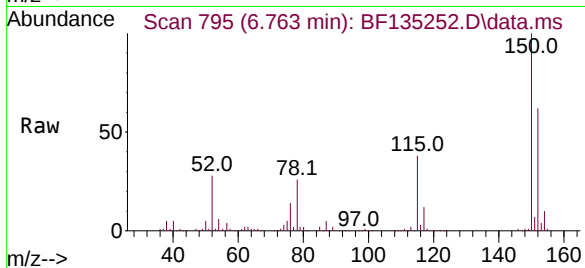




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF135252.D
 Acq: 14 Sep 2023 14:05

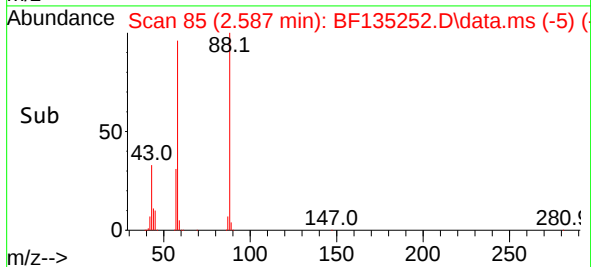
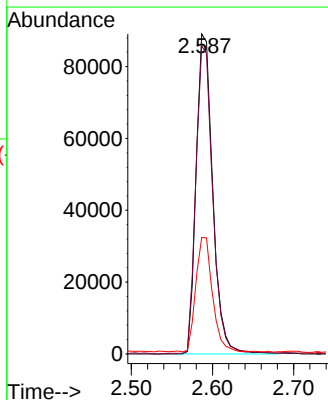
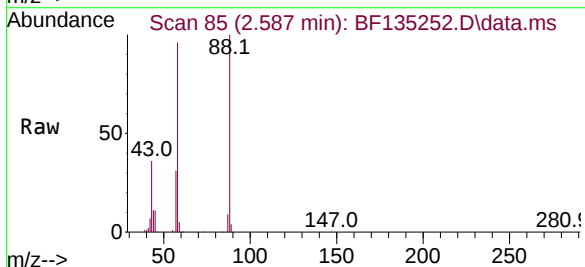
Instrument :
 BNA_F
 ClientSampleId :
 PB154909BS

Tgt Ion:152 Resp: 115723
 Ion Ratio Lower Upper
 152 100
 150 160.0 127.8 191.6
 115 61.5 49.8 74.8



#2
 1,4-Dioxane
 Concen: 40.672 ng
 RT: 2.587 min Scan# 85
 Delta R.T. 0.118 min
 Lab File: BF135252.D
 Acq: 14 Sep 2023 14:05

Tgt Ion: 88 Resp: 126861
 Ion Ratio Lower Upper
 88 100
 58 98.3 78.3 117.5
 43 35.7 29.4 44.0

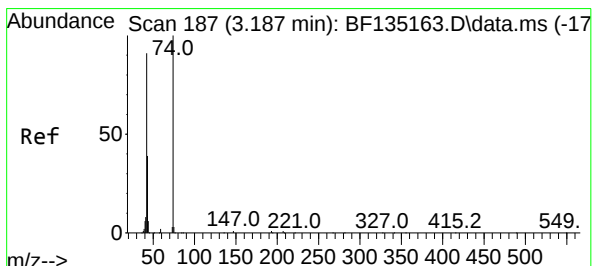
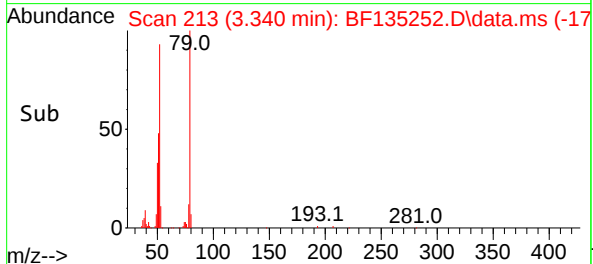
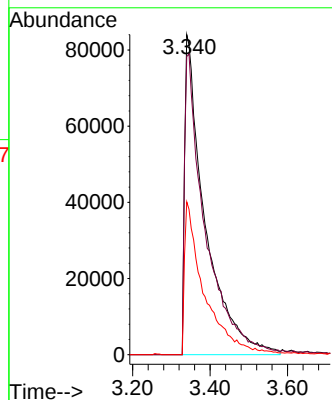
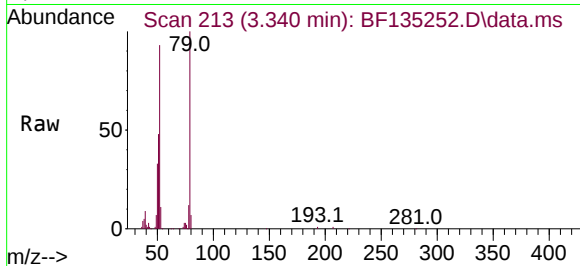




#3
 Pyridine
 Concen: 36.391 ng
 RT: 3.340 min Scan# 213
 Delta R.T. 0.124 min
 Lab File: BF135252.D
 Acq: 14 Sep 2023 14:05

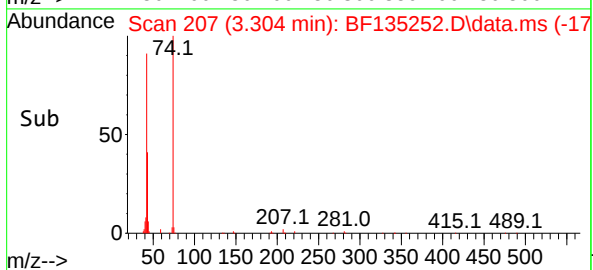
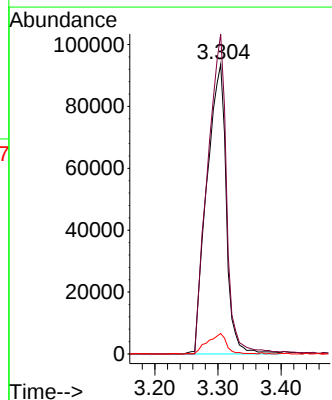
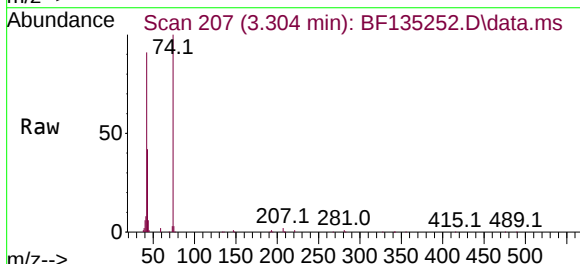
Instrument :
 BNA_F
 ClientSampleId :
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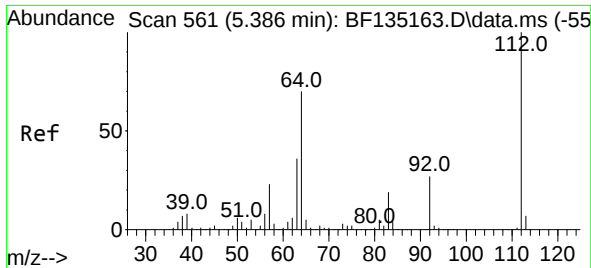
Tgt Ion: 79 Resp: 305495
 Ion Ratio Lower Upper
 79 100
 52 93.1 74.1 111.1
 51 47.7 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 44.715 ng
 RT: 3.304 min Scan# 207
 Delta R.T. 0.118 min
 Lab File: BF135252.D
 Acq: 14 Sep 2023 14:05

Tgt Ion: 42 Resp: 199194
 Ion Ratio Lower Upper
 42 100
 74 110.5 87.7 131.5
 44 7.1 5.6 8.4

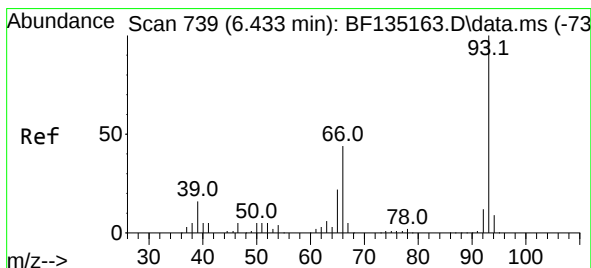
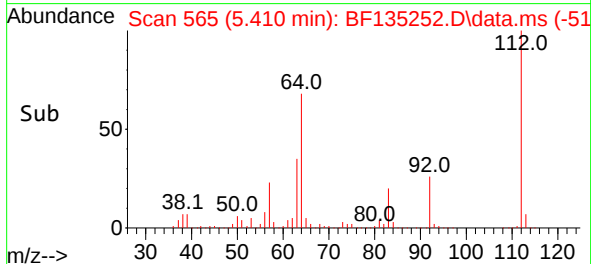
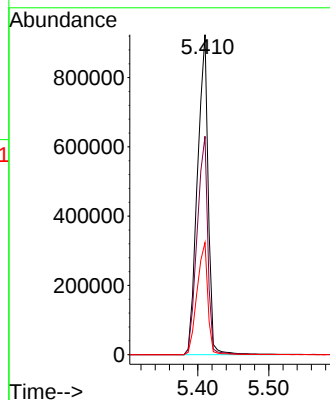
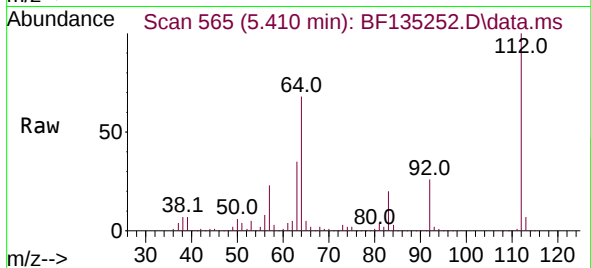




#5
2-Fluorophenol
Concen: 137.002 ng
RT: 5.410 min Scan# 501
Delta R.T. 0.024 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

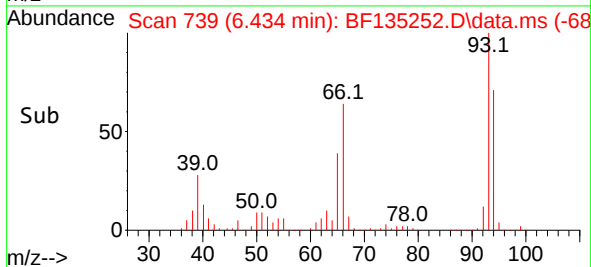
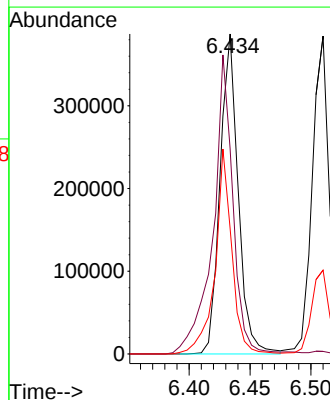
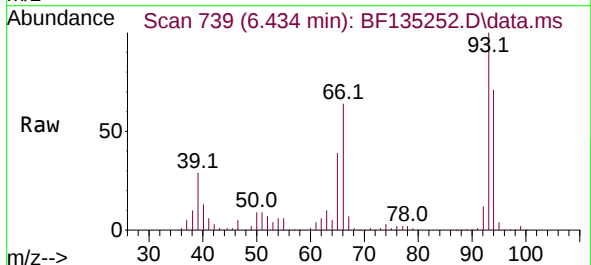
Instrument :
BNA_F
ClientSampleId :
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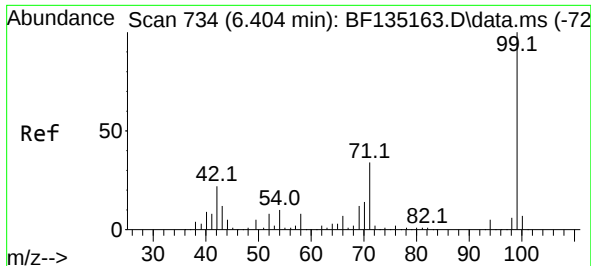
Tgt Ion:112 Resp: 974781
Ion Ratio Lower Upper
112 100
64 68.3 55.9 83.9
63 35.0 29.0 43.6



#6
Aniline
Concen: 33.795 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

Tgt Ion: 93 Resp: 400946
Ion Ratio Lower Upper
93 100
66 64.2 35.4 53.0#
65 39.2 17.8 26.8#





#7

Phenol-d6

Concen: 139.554 ng

RT: 6.416 min Scan# 736

Delta R.T. 0.012 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

Instrument :

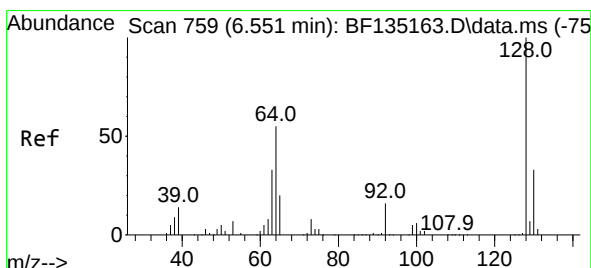
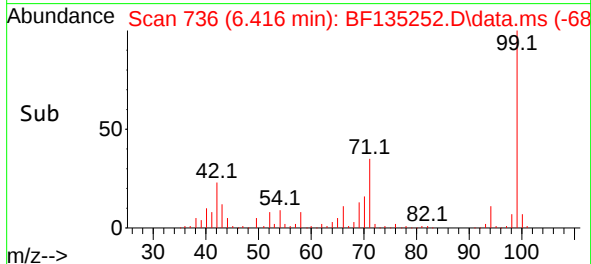
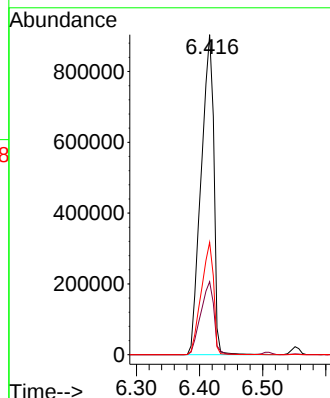
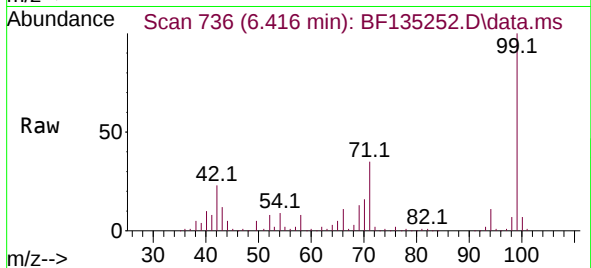
BNA_F

ClientSampleId :

PB154909BS

Tgt Ion: 99 Resp: 1262582

Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.9	26.9
71	35.1	27.0	40.6



#8

2-Chlorophenol

Concen: 51.203 ng

RT: 6.551 min Scan# 759

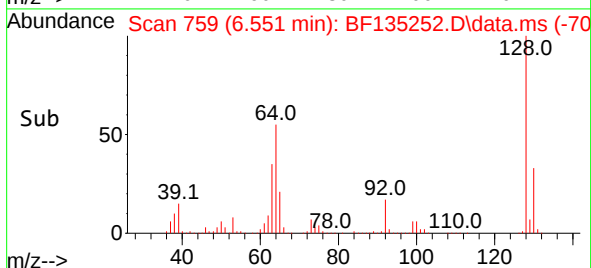
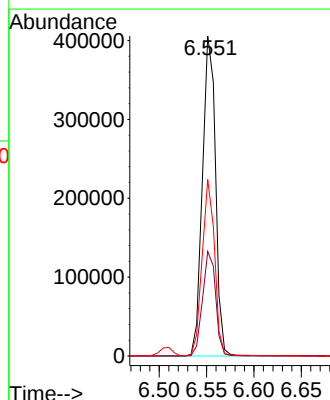
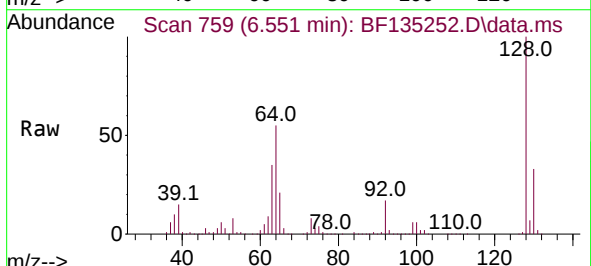
Delta R.T. 0.000 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

Tgt Ion:128 Resp: 388906

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.7	52.7
64	55.2	35.9	75.9





#9

Benzaldehyde

Concen: 27.486 ng

RT: 6.316 min Scan# 71

Delta R.T. -0.006 min

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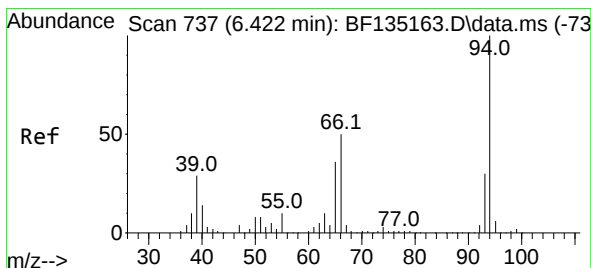
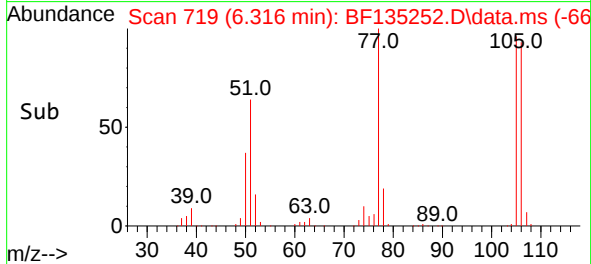
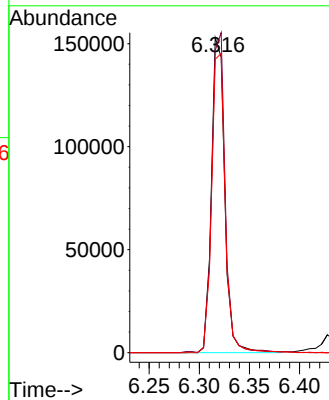
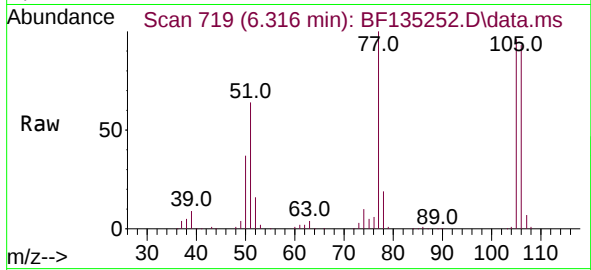
Tgt Ion: 77 Resp: 141661

Ion Ratio Lower Upper

77 100

105 95.9 81.4 121.4

106 93.1 76.9 116.9



#10

Phenol

Concen: 45.082 ng

RT: 6.428 min Scan# 738

Delta R.T. 0.006 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

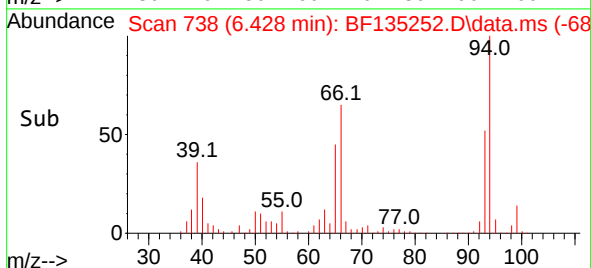
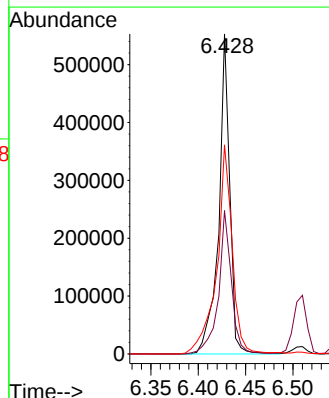
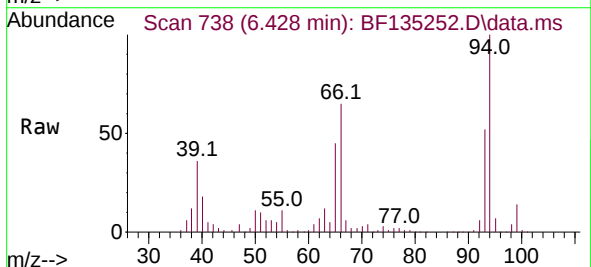
Tgt Ion: 94 Resp: 447245

Ion Ratio Lower Upper

94 100

65 44.8 15.9 55.9

66 65.4 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 48.427 ng

RT: 6.510 min Scan# 710

Delta R.T. 0.000 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB154909BS

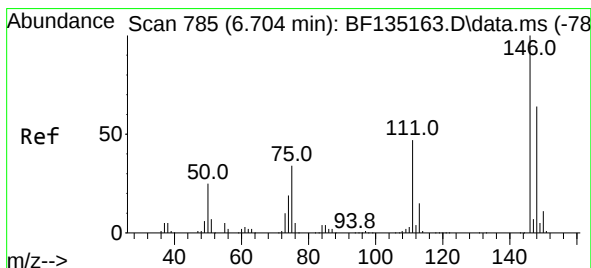
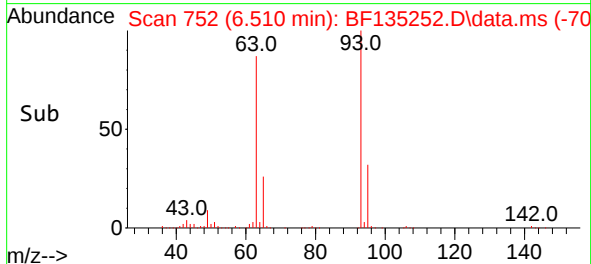
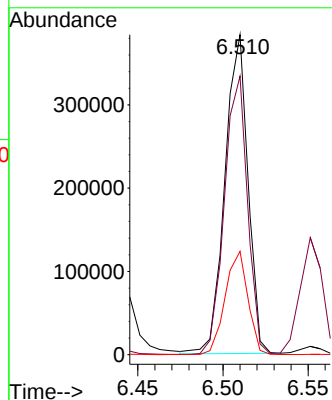
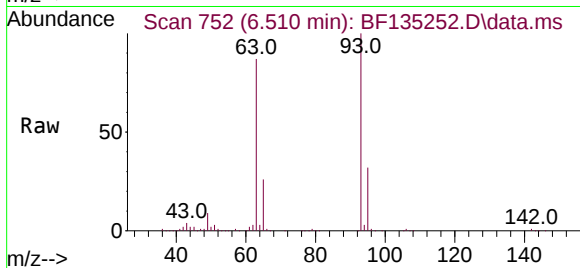
Tgt Ion: 93 Resp: 360374

Ion Ratio Lower Upper

93 100

63 87.0 67.3 107.3

95 32.3 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 48.210 ng

RT: 6.704 min Scan# 785

Delta R.T. 0.000 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

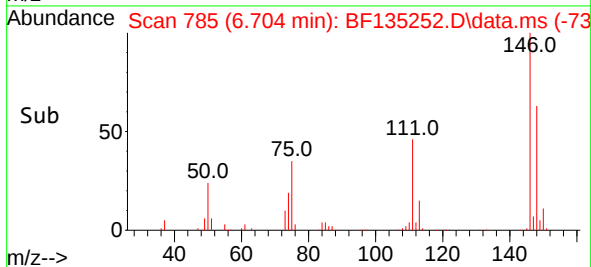
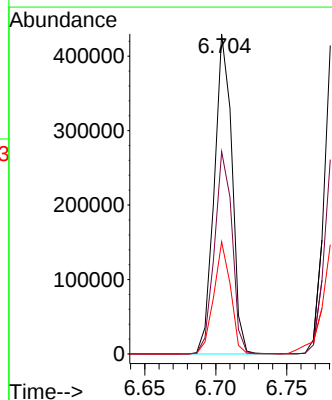
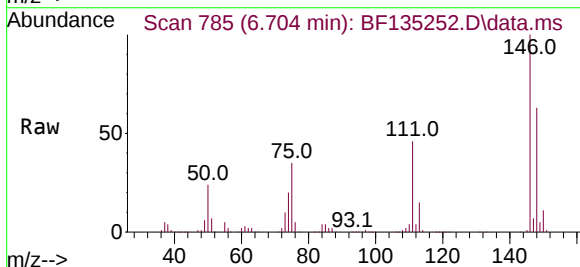
Tgt Ion:146 Resp: 372141

Ion Ratio Lower Upper

146 100

148 63.3 51.3 76.9

75 35.0 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 46.574 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB154909BS

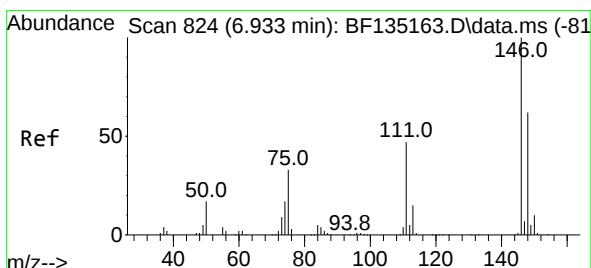
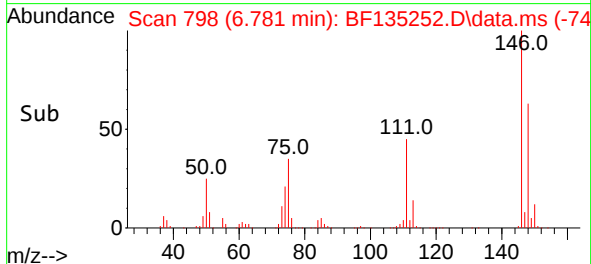
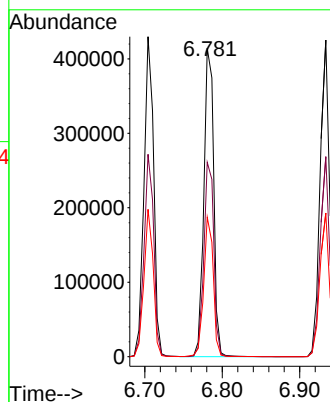
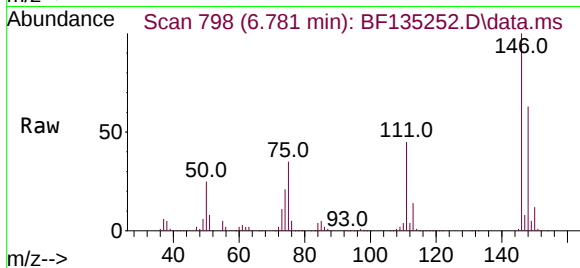
Tgt Ion:146 Resp: 365767

Ion Ratio Lower Upper

146 100

148 63.0 51.3 76.9

111 45.2 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 49.454 ng

RT: 6.934 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

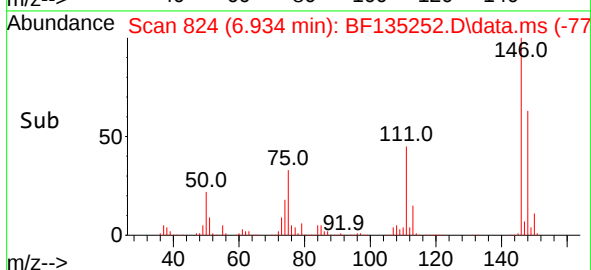
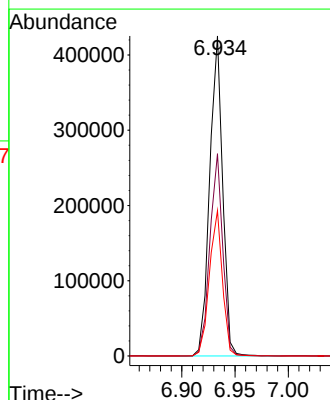
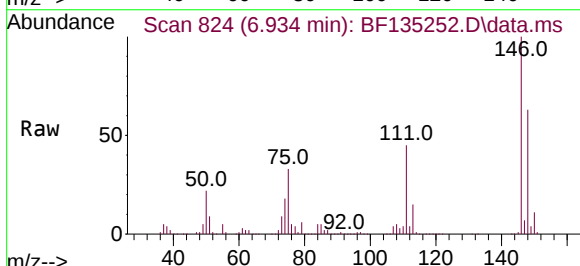
Tgt Ion:146 Resp: 360673

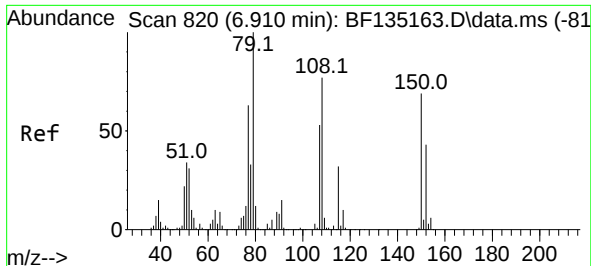
Ion Ratio Lower Upper

146 100

148 63.2 49.7 74.5

111 45.4 37.4 56.2

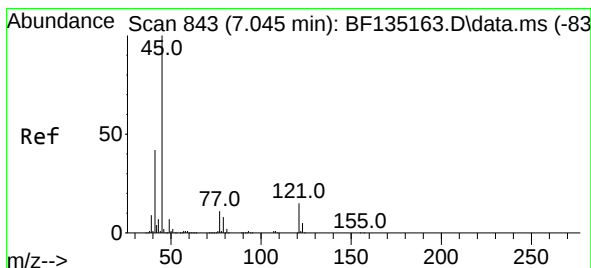
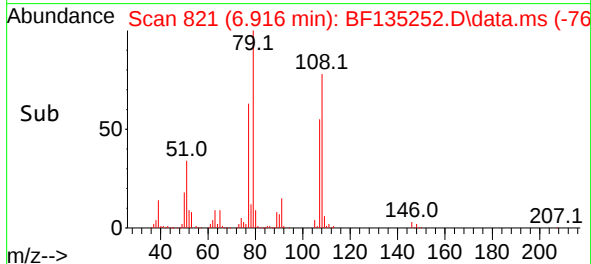
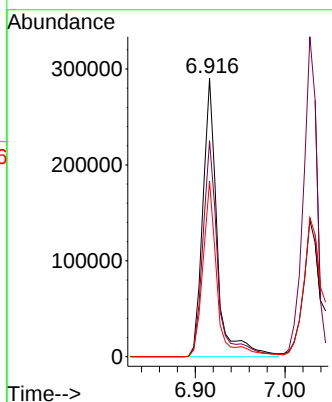
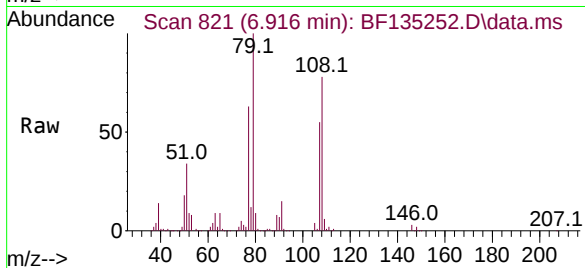




#15
Benzyl Alcohol
Concen: 49.848 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.006 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

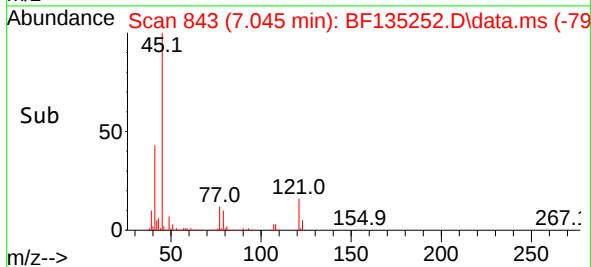
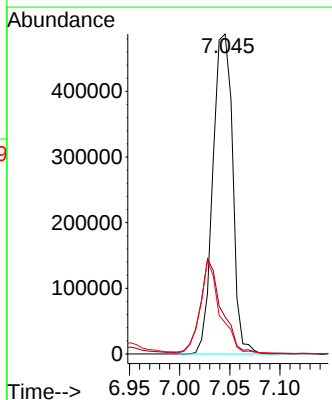
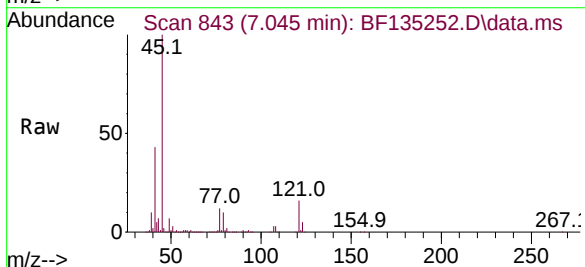
Instrument :
BNA_F
ClientSampleId :
PB154909BS

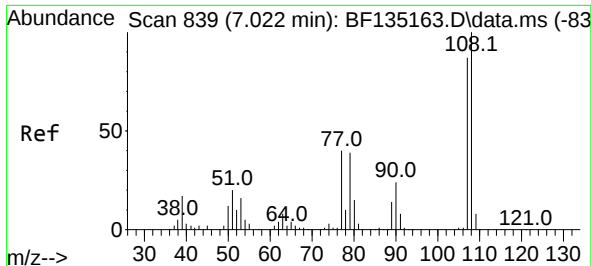
Tgt Ion: 79 Resp: 323620
Ion Ratio Lower Upper
79 100
108 77.6 61.2 91.8
77 63.0 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.464 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

Tgt Ion: 45 Resp: 665759
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.6
79 9.8 0.0 28.3

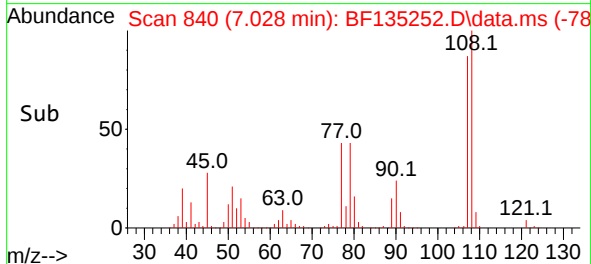
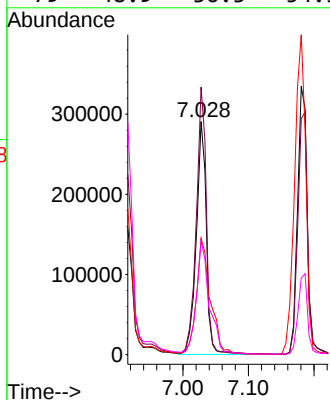
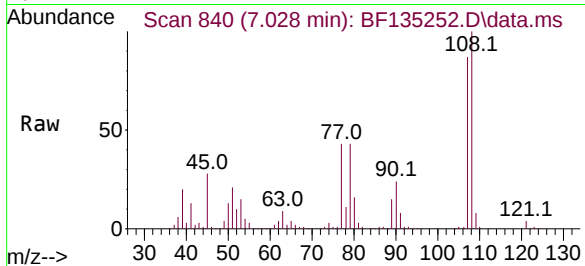




#17
2-Methylphenol
Concen: 46.719 ng
RT: 7.028 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

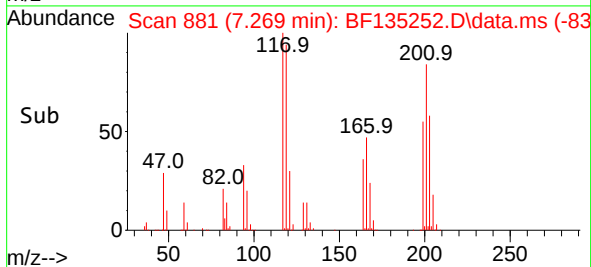
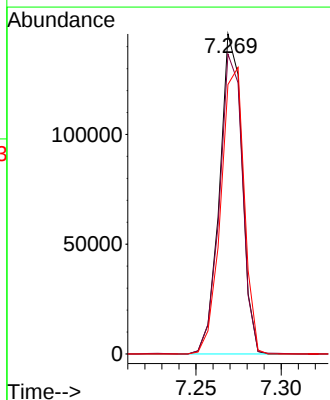
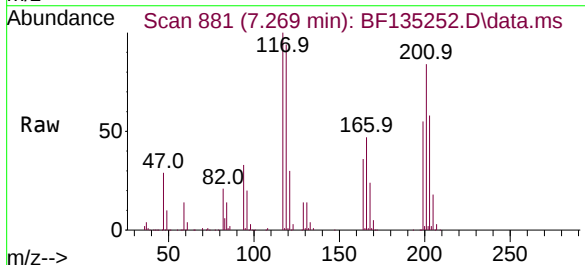
Instrument :
BNA_F
ClientSampleId :
PB154909BS

Tgt Ion:107 Resp: 313142
Ion Ratio Lower Upper
107 100
108 114.8 92.0 138.0
77 49.9 36.7 55.1
79 48.9 36.3 54.5



#18
Hexachloroethane
Concen: 46.051 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

Tgt Ion:117 Resp: 133629
Ion Ratio Lower Upper
117 100
119 93.7 74.7 112.1
201 84.2 81.8 122.8

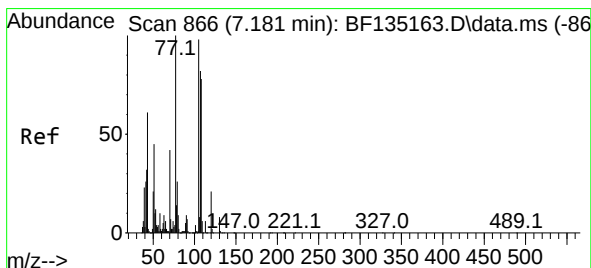
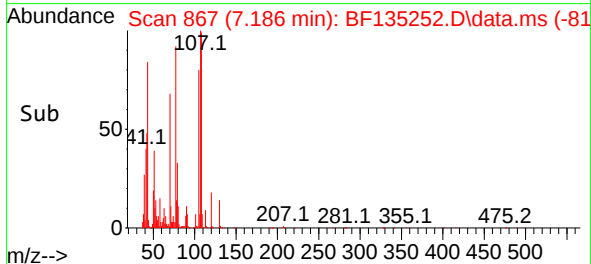
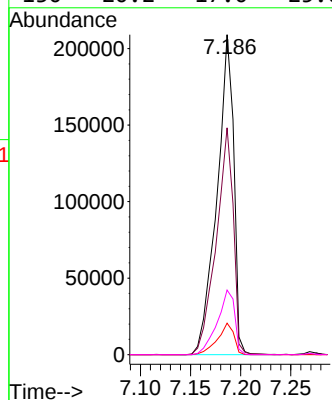
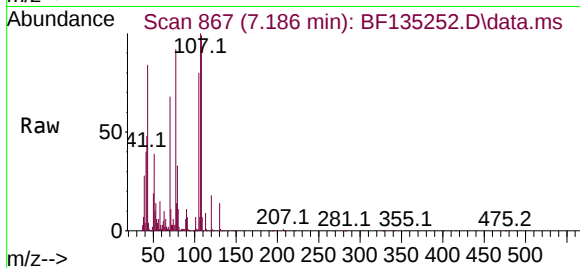




#19
n-Nitroso-di-n-propylamine
Concen: 43.543 ng
RT: 7.186 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

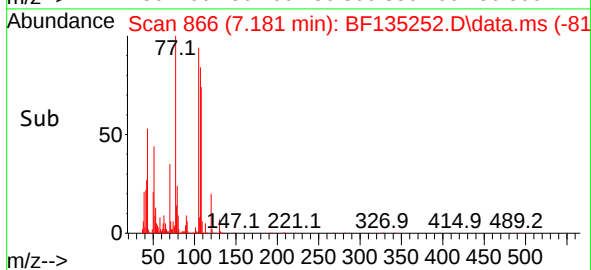
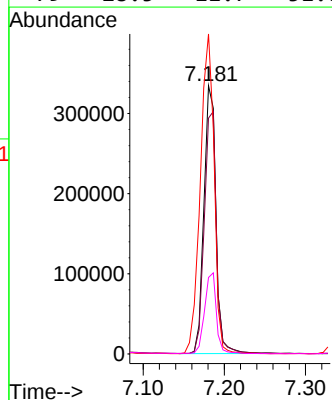
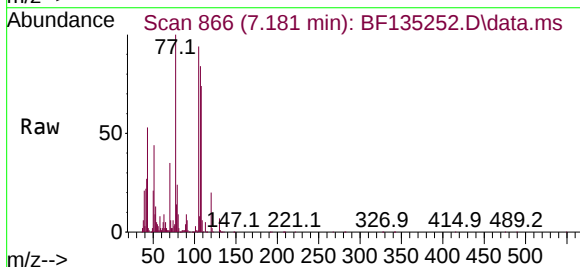
Instrument :
BNA_F
ClientSampleId :
PB154909BS

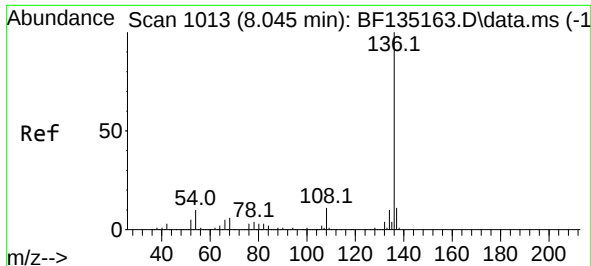
Tgt Ion:	70	Resp:	244006
Ion	Ratio	Lower	Upper
70	100		
42	70.9	55.4	83.0
101	9.8	7.7	11.5
130	20.2	17.0	25.6



#20
3+4-Methylphenols
Concen: 42.472 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

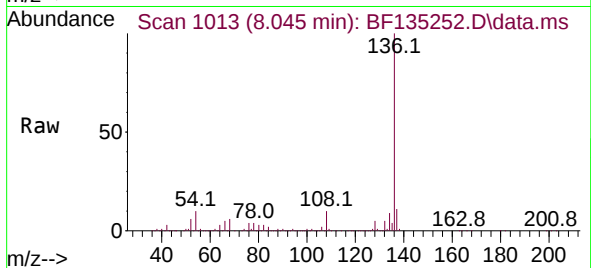
Tgt Ion:	107	Resp:	342309
Ion	Ratio	Lower	Upper
107	100		
108	87.8	74.7	114.7
77	119.2	102.0	142.0
79	28.5	11.7	51.7



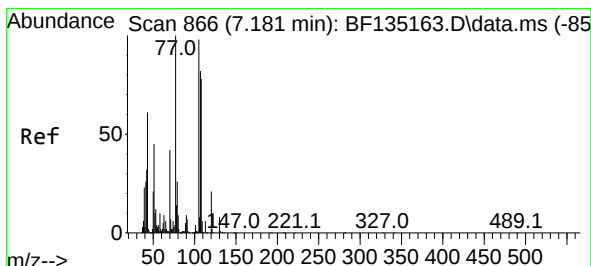
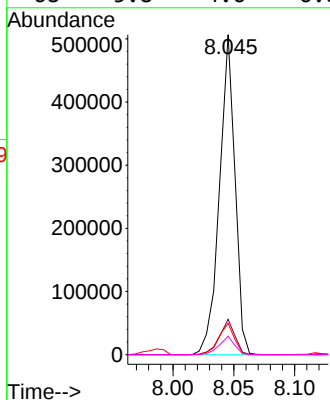
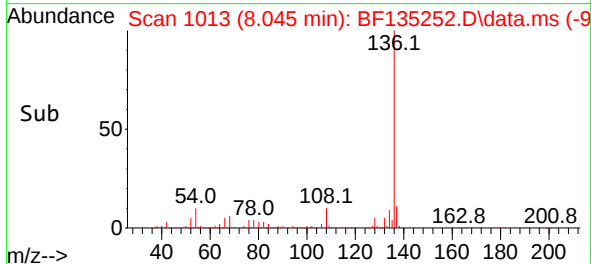


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

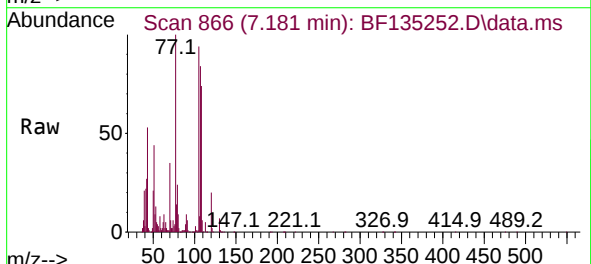
Instrument :
BNA_F
ClientSampleId :
PB154909BS



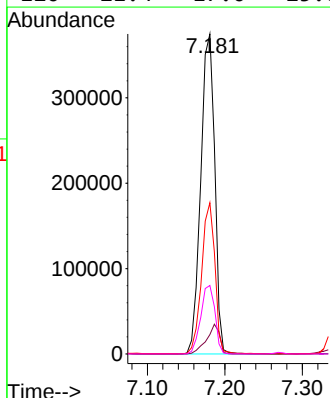
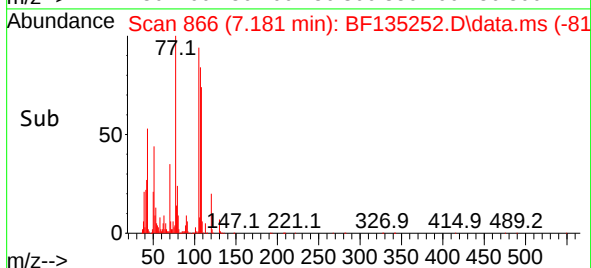
Tgt Ion:	136	Resp:	450978
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.8	7.7	11.5
68	5.8	4.6	6.8



#22
Acetophenone
Concen: 45.624 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05



Tgt Ion:	105	Resp:	470406
Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.8	8.6
51	47.3	37.0	55.4
120	21.4	17.0	25.6





#23

Nitrobenzene-d5

Concen: 90.096 ng

RT: 7.333 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB154909BS

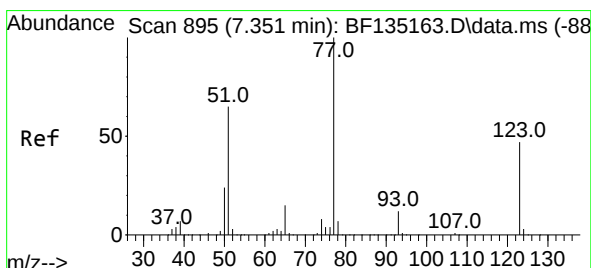
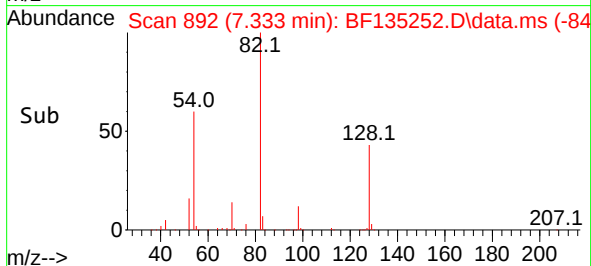
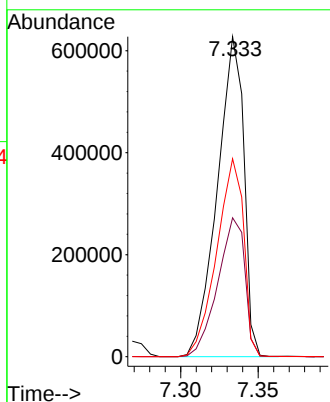
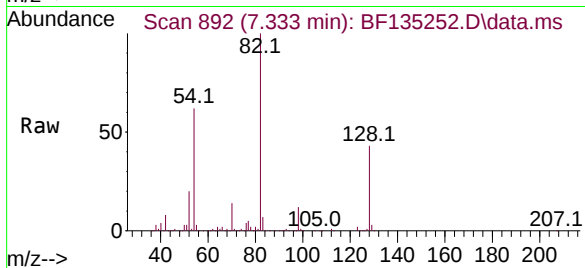
Tgt Ion: 82 Resp: 747873

Ion Ratio Lower Upper

82 100

128 43.4 35.8 53.6

54 61.9 50.6 76.0



#24

Nitrobenzene

Concen: 45.379 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

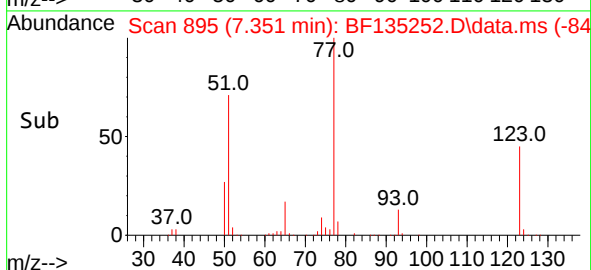
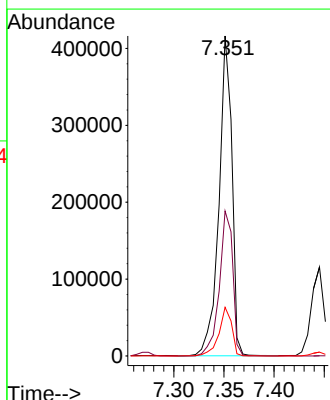
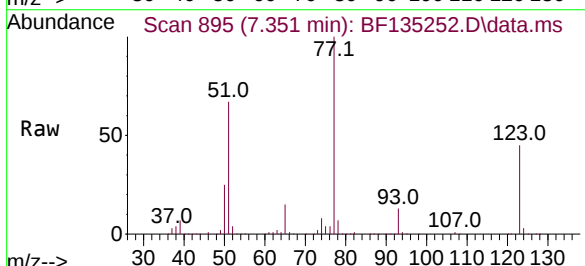
Tgt Ion: 77 Resp: 372311

Ion Ratio Lower Upper

77 100

123 45.3 37.6 56.4

65 15.2 12.2 18.4

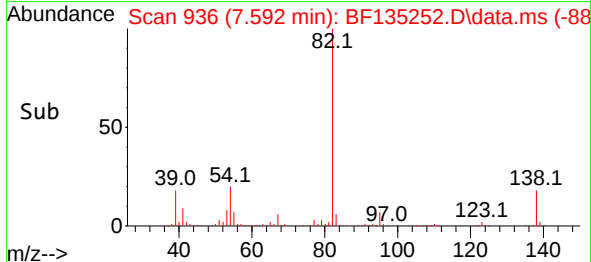
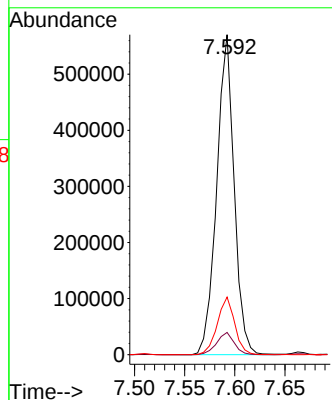
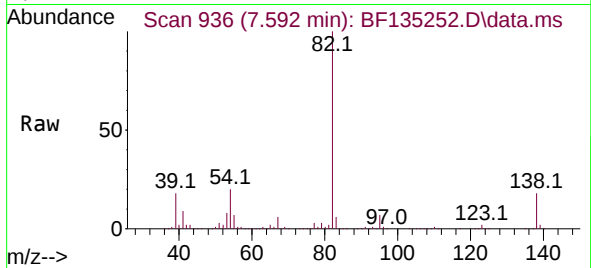




#25
Isophorone
Concen: 45.279 ng
RT: 7.592 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

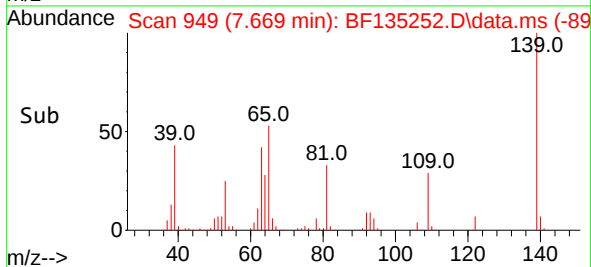
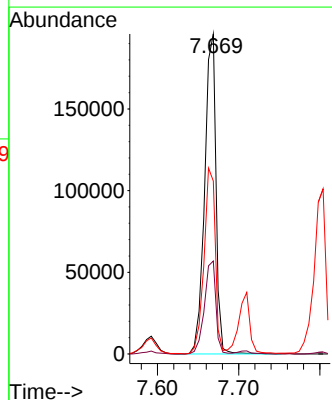
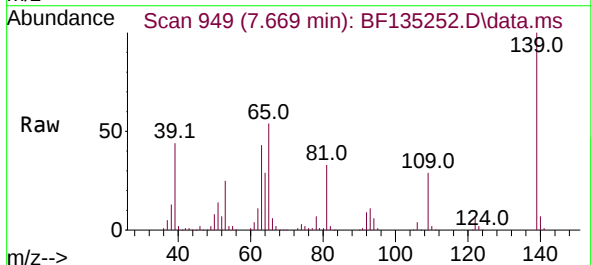
Instrument :
BNA_F
ClientSampleId :
PB154909BS

Tgt Ion: 82 Resp: 690160
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 18.0 14.5 21.7



#26
2-Nitrophenol
Concen: 48.206 ng
RT: 7.669 min Scan# 949
Delta R.T. 0.006 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

Tgt Ion: 139 Resp: 189822
Ion Ratio Lower Upper
139 100
109 29.0 22.6 33.8
65 54.0 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 48.561 ng

RT: 7.710 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135252.D

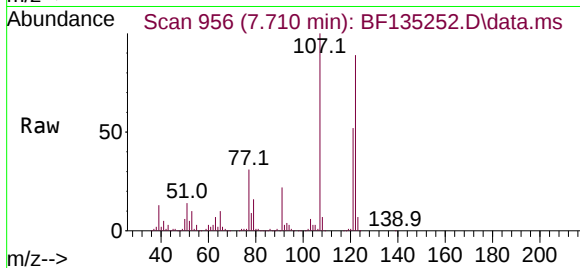
Acq: 14 Sep 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB154909BS



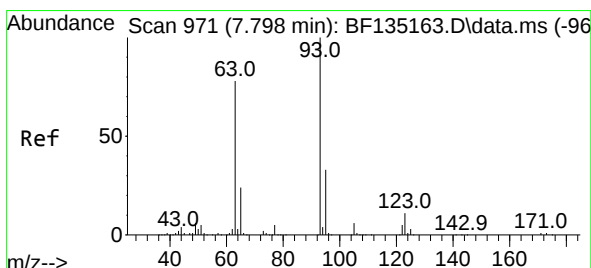
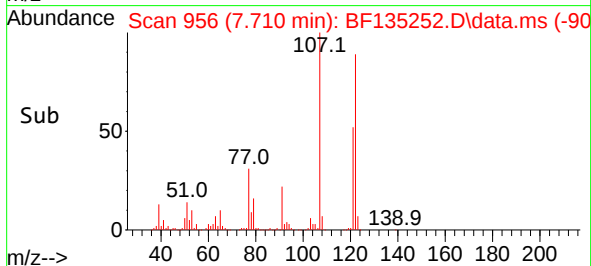
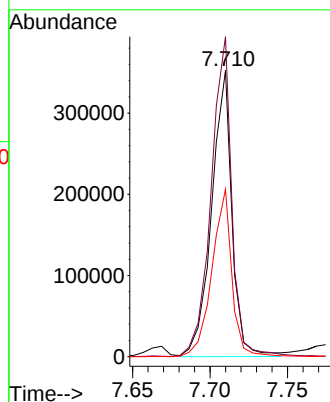
Tgt Ion:122 Resp: 321420

Ion Ratio Lower Upper

122 100

107 111.8 90.2 135.4

121 58.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 46.090 ng

RT: 7.804 min Scan# 972

Delta R.T. 0.006 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

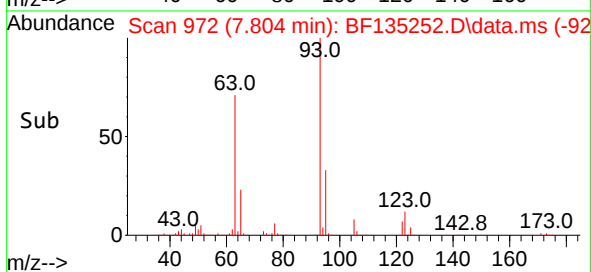
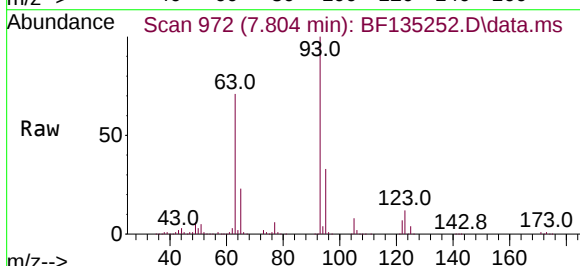
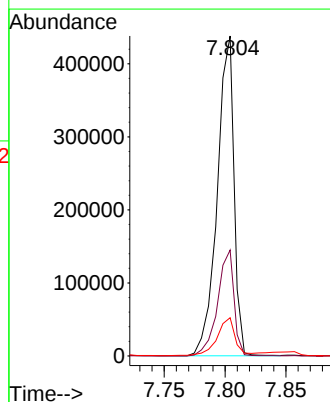
Tgt Ion: 93 Resp: 420483

Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.2

123 12.0 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 47.861 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.006 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB154909BS

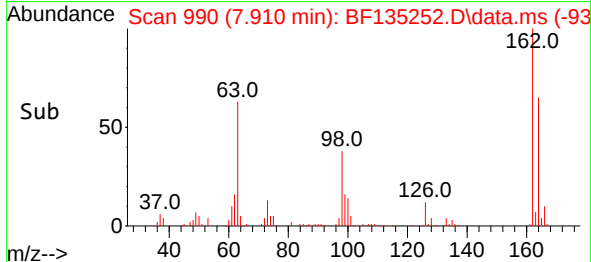
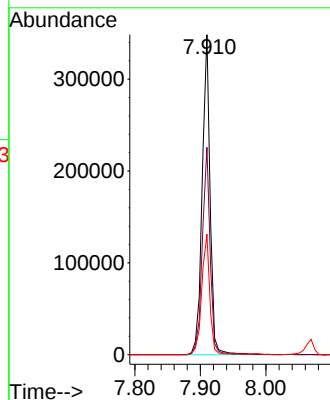
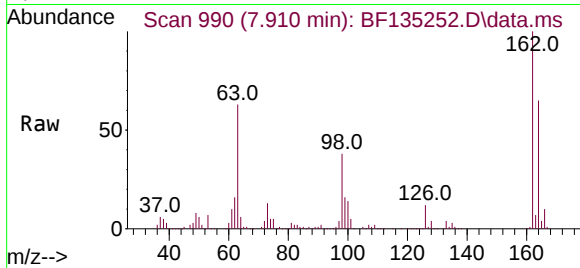
Tgt Ion:162 Resp: 293538

Ion Ratio Lower Upper

162 100

164 64.8 44.1 84.1

98 37.7 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 47.068 ng

RT: 7.986 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

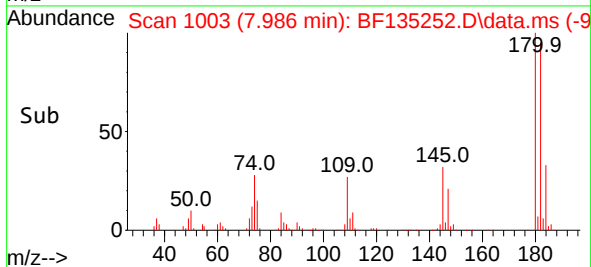
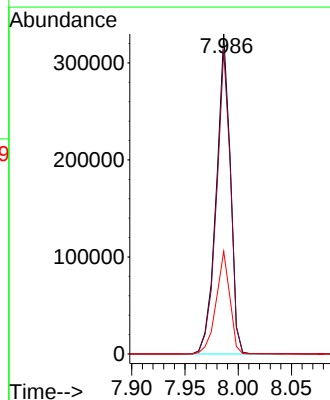
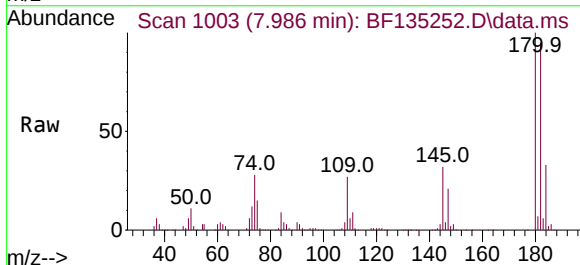
Tgt Ion:180 Resp: 301727

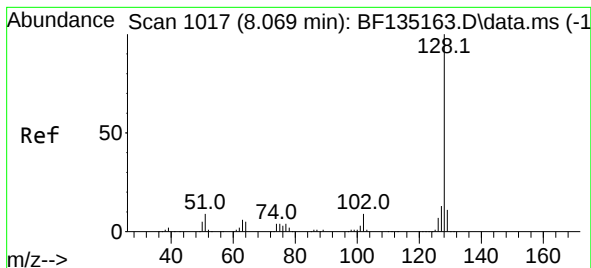
Ion Ratio Lower Upper

180 100

182 95.1 76.9 115.3

145 32.0 24.5 36.7





#31

Naphthalene

Concen: 45.798 ng

RT: 8.069 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB154909BS

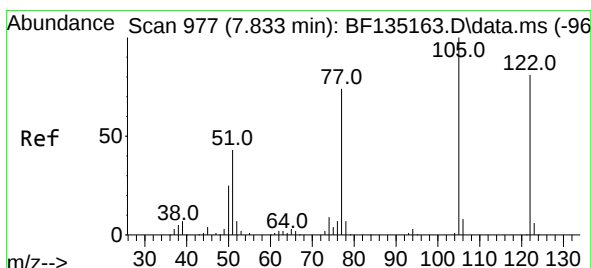
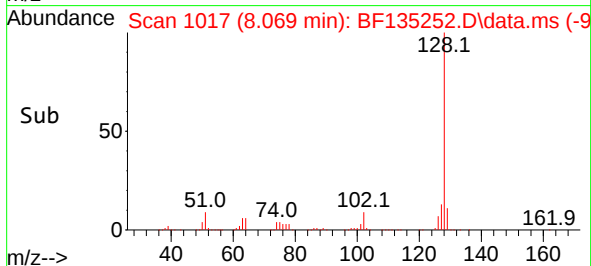
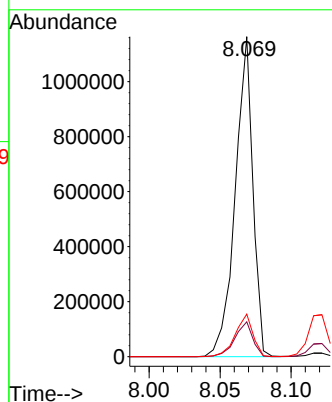
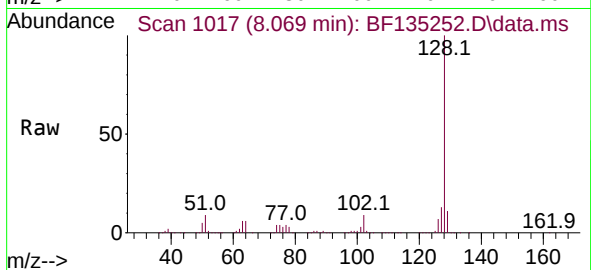
Tgt Ion:128 Resp: 1003512

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.3 10.7 16.1



#32

Benzoic acid

Concen: 48.796 ng

RT: 7.857 min Scan# 981

Delta R.T. 0.024 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

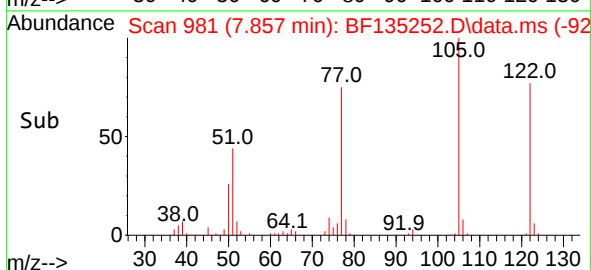
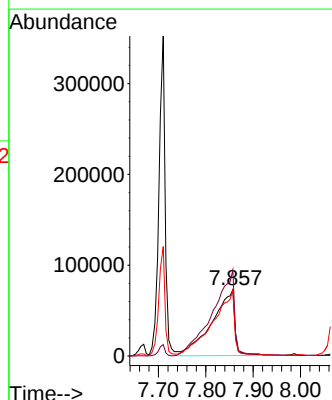
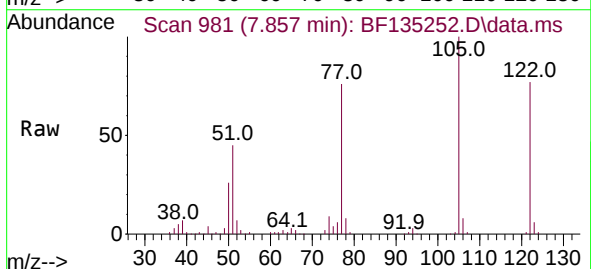
Tgt Ion:122 Resp: 243199

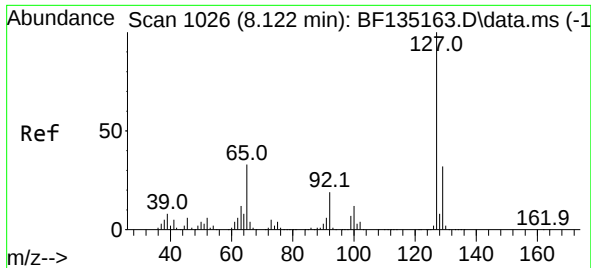
Ion Ratio Lower Upper

122 100

105 130.1 99.9 139.9

77 98.8 70.0 110.0

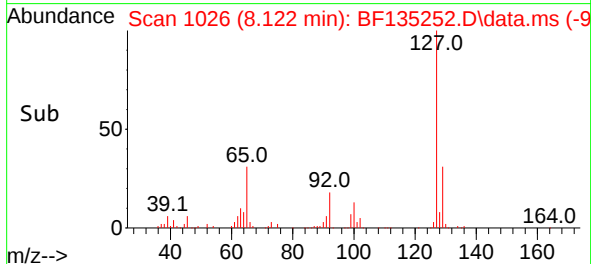
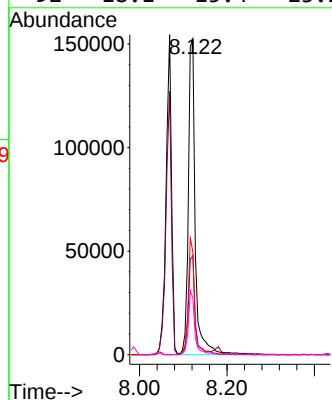
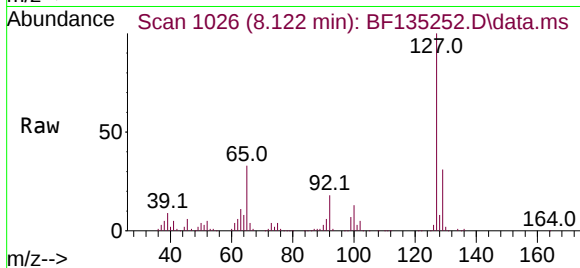




#33
4-Chloroaniline
Concen: 17.438 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

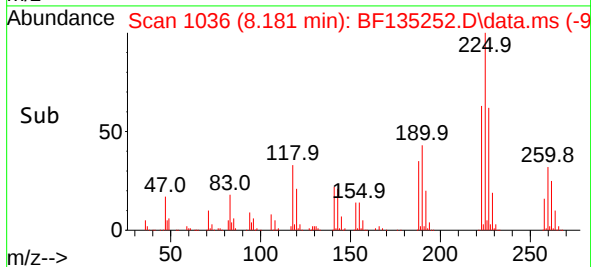
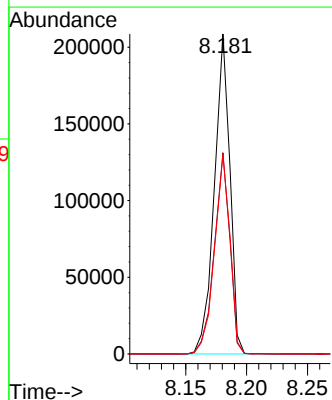
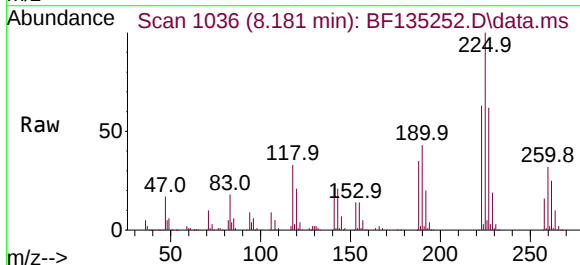
Instrument :
BNA_F
ClientSampleId :
PB154909BS

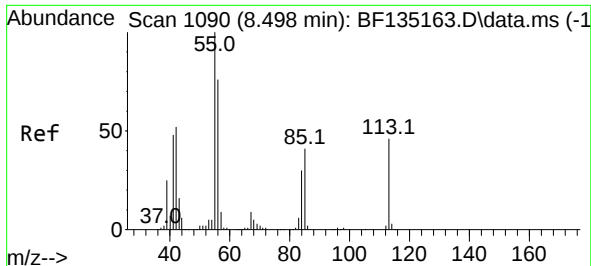
Tgt Ion:	127	Resp:	167646
Ion Ratio	Lower	Upper	
127	100		
129	31.3	25.8	38.8
65	32.6	26.6	39.8
92	18.1	15.4	23.2



#34
Hexachlorobutadiene
Concen: 47.832 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

Tgt Ion:	225	Resp:	184890
Ion Ratio	Lower	Upper	
225	100		
223	62.9	50.6	75.8
227	62.3	50.8	76.2

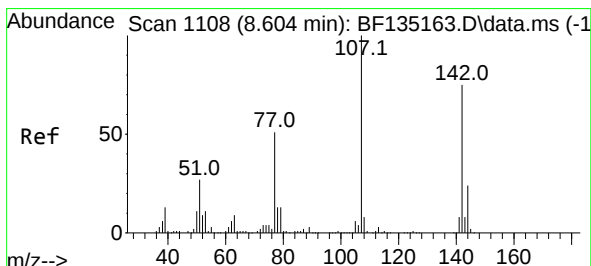
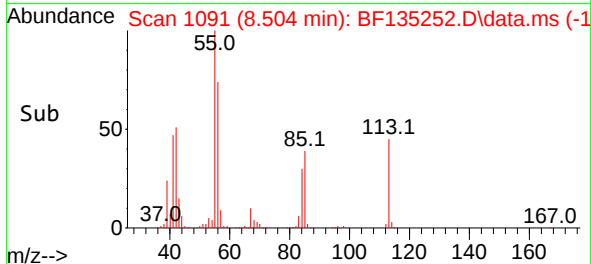
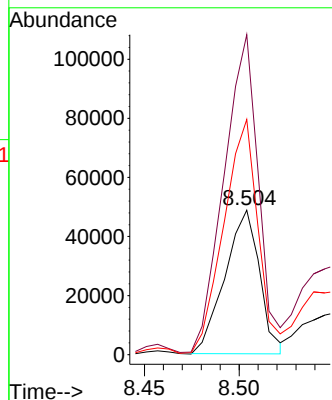
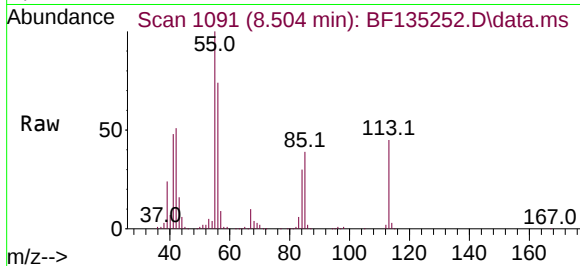




#35
Caprolactam
Concen: 30.127 ng
RT: 8.504 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

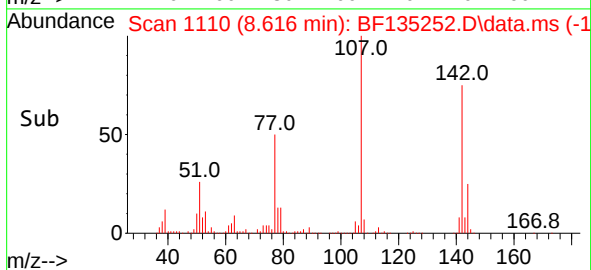
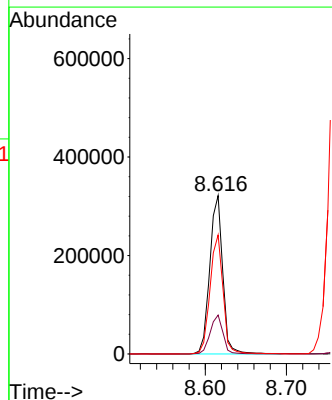
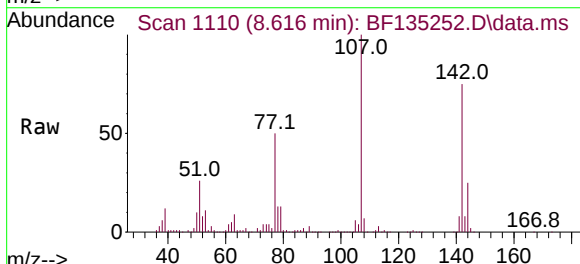
Instrument :
BNA_F
ClientSampleId :
PB154909BS

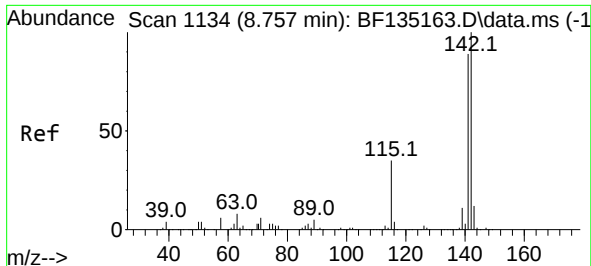
Tgt Ion:113 Resp: 62013
Ion Ratio Lower Upper
113 100
55 221.4 199.3 239.3
56 162.8 146.3 186.3



#36
4-Chloro-3-methylphenol
Concen: 52.309 ng
RT: 8.616 min Scan# 1110
Delta R.T. 0.012 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

Tgt Ion:107 Resp: 356564
Ion Ratio Lower Upper
107 100
144 24.5 19.0 28.4
142 75.2 60.2 90.2

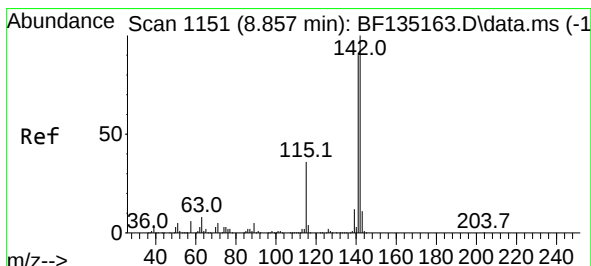
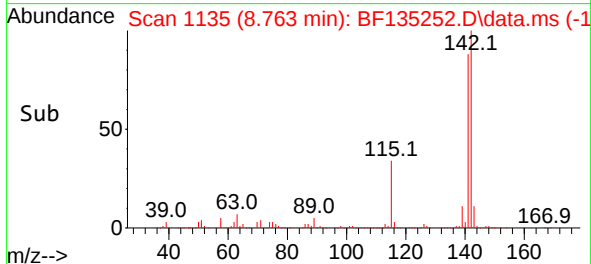
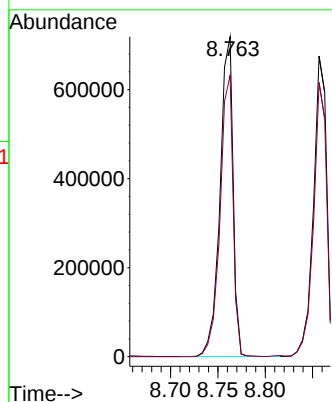
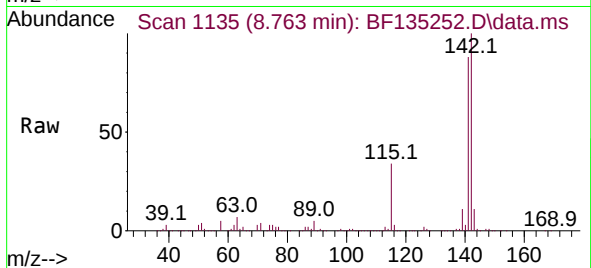




#37
2-Methylnaphthalene
Concen: 46.861 ng
RT: 8.763 min Scan# 1134
Delta R.T. 0.006 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

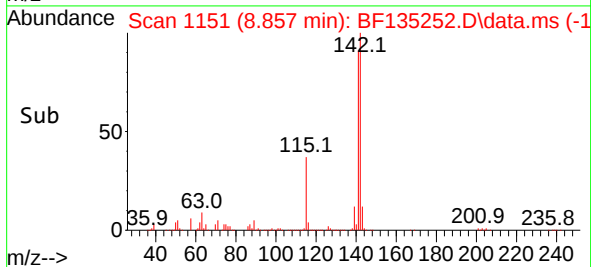
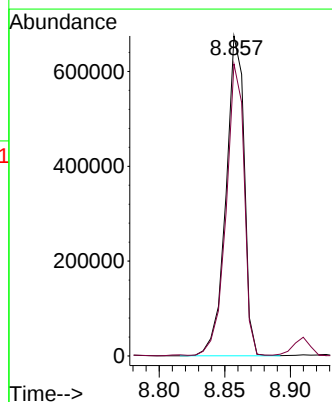
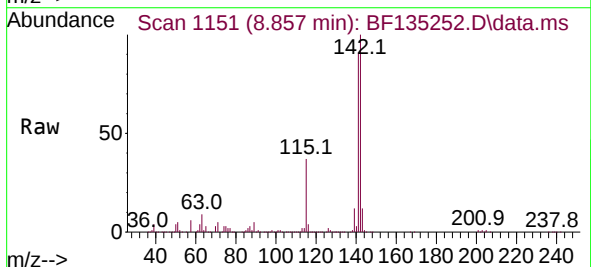
Instrument :
BNA_F
ClientSampleId :
PB154909BS

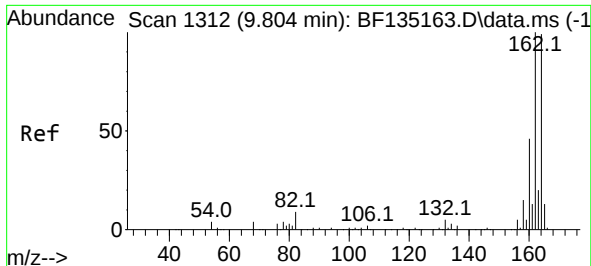
Tgt Ion:142 Resp: 690219
Ion Ratio Lower Upper
142 100
141 87.9 71.0 106.6



#38
1-Methylnaphthalene
Concen: 47.292 ng
RT: 8.857 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

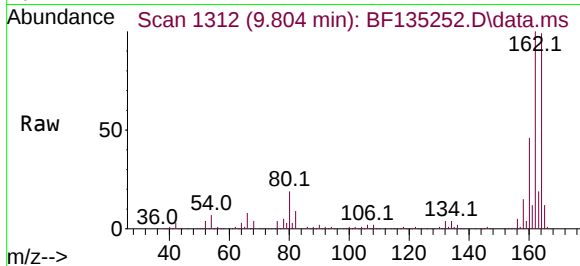
Tgt Ion:142 Resp: 652150
Ion Ratio Lower Upper
142 100
141 91.2 72.4 108.6



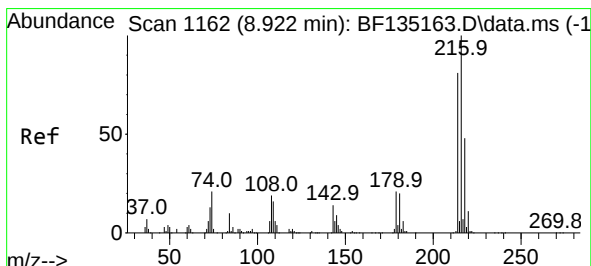
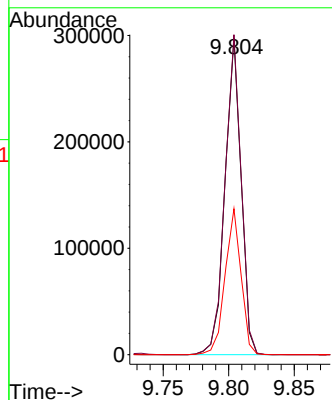
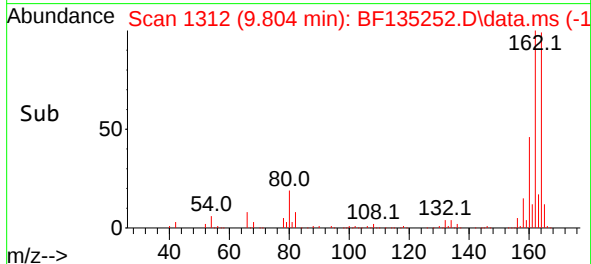


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

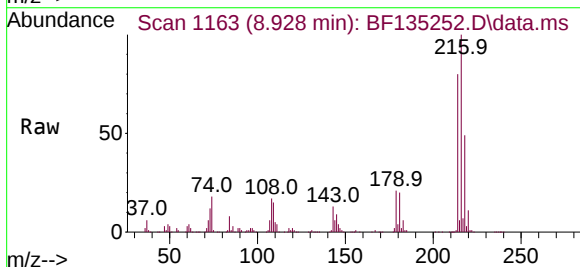
Instrument :
BNA_F
ClientSampleId :
PB154909BS



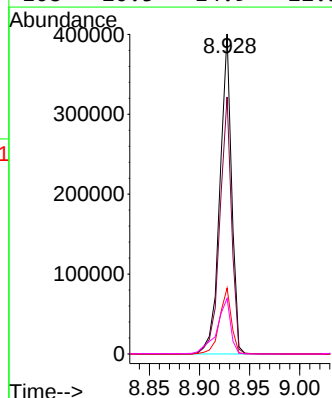
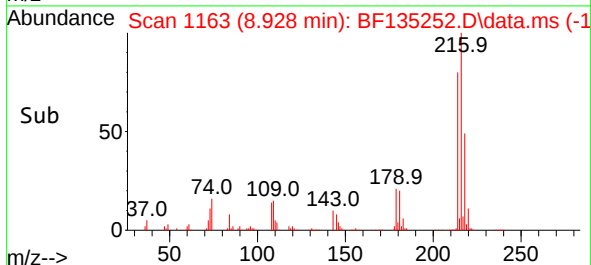
Tgt Ion:164 Resp: 253937
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.4
160 46.2 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.136 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05



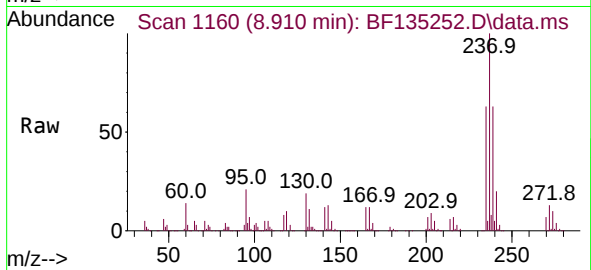
Tgt Ion:216 Resp: 324700
Ion Ratio Lower Upper
216 100
214 80.2 63.7 95.5
179 20.7 16.7 25.1
108 20.5 14.9 22.3



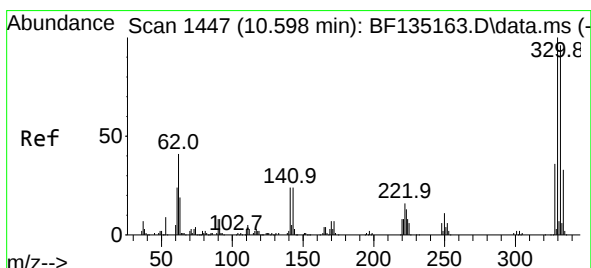
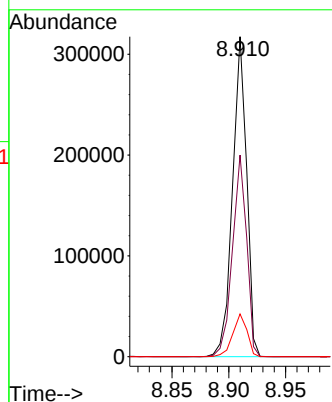
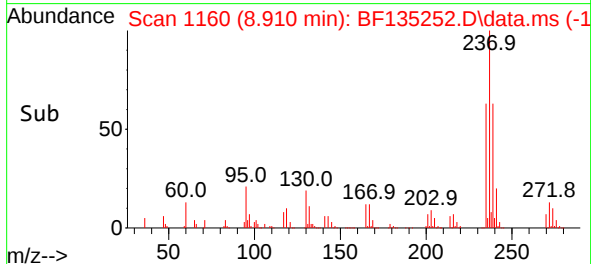


#41
Hexachlorocyclopentadiene
Concen: 83.885 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

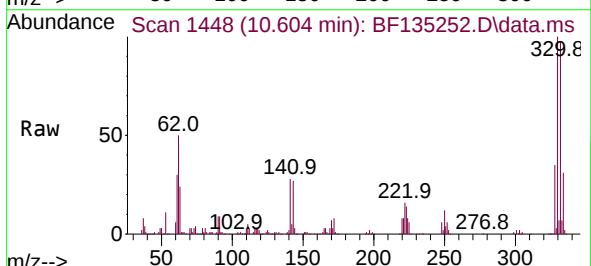
Instrument :
BNA_F
ClientSampleId :
PB154909BS



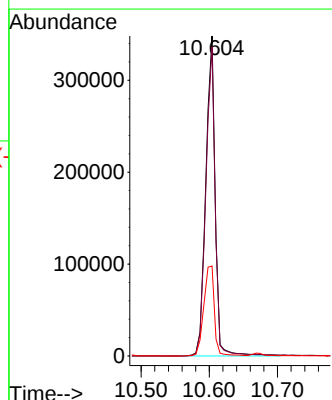
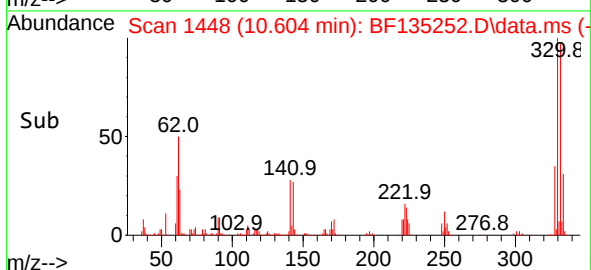
Tgt Ion:237 Resp: 273202
Ion Ratio Lower Upper
237 100
235 63.0 41.8 81.8
272 13.4 0.0 33.6

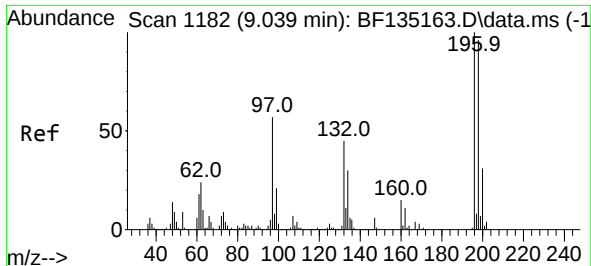


#42
2,4,6-Tribromophenol
Concen: 132.767 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05



Tgt Ion:330 Resp: 335039
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 31.6 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 46.520 ng

RT: 9.045 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB154909BS

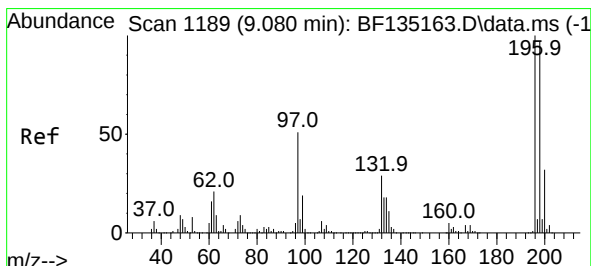
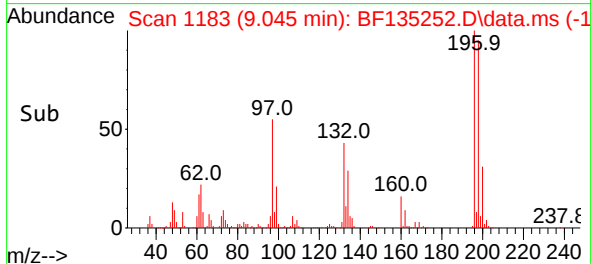
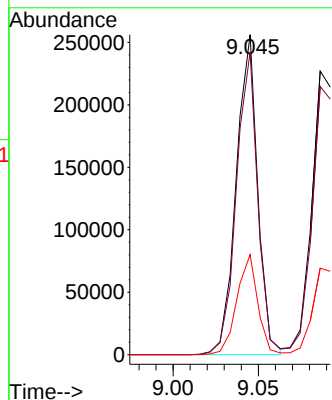
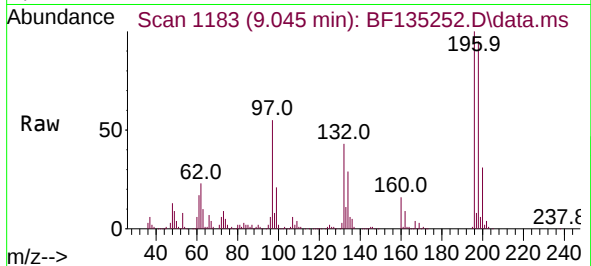
Tgt Ion:196 Resp: 224078

Ion Ratio Lower Upper

196 100

198 94.6 77.0 115.6

200 31.3 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 44.241 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

Tgt Ion:196 Resp: 245408

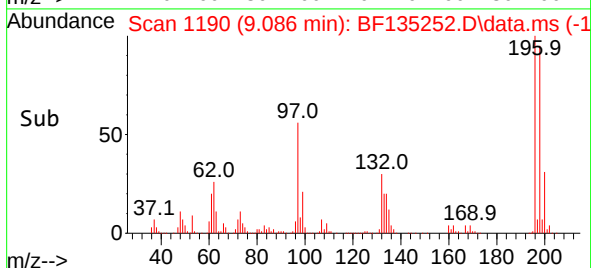
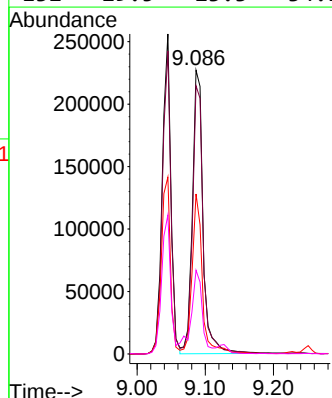
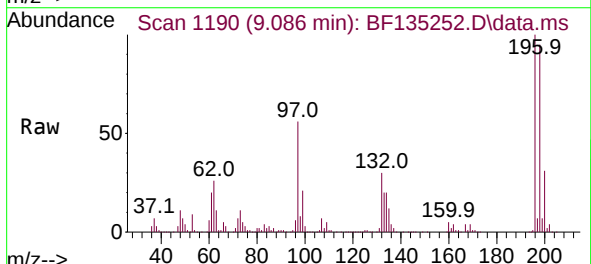
Ion Ratio Lower Upper

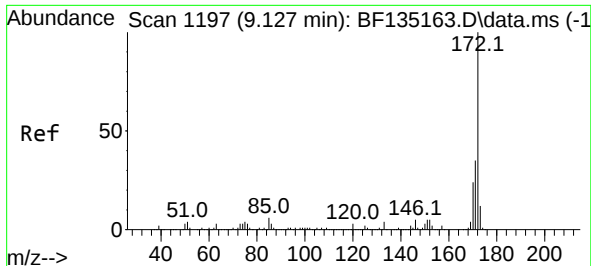
196 100

198 94.5 77.5 116.3

97 56.4 40.5 60.7

132 29.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 84.401 ng

RT: 9.127 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB154909BS

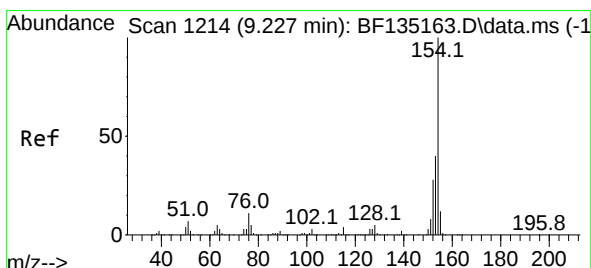
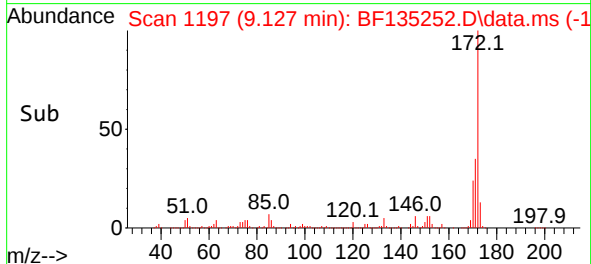
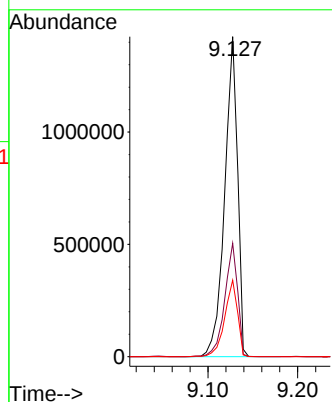
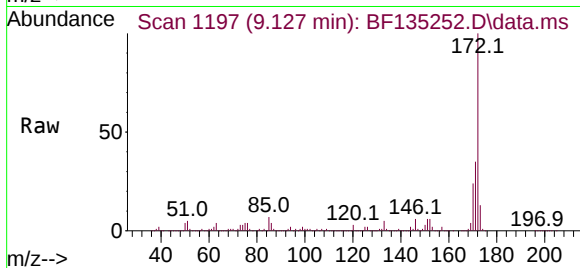
Tgt Ion:172 Resp: 1420581

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 44.936 ng

RT: 9.227 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

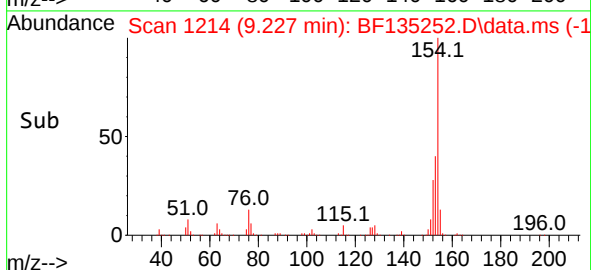
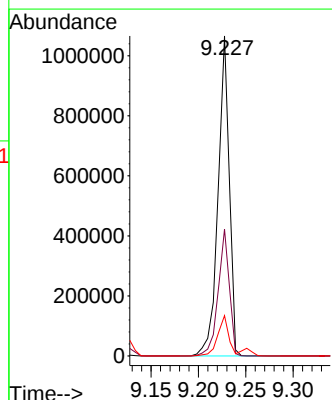
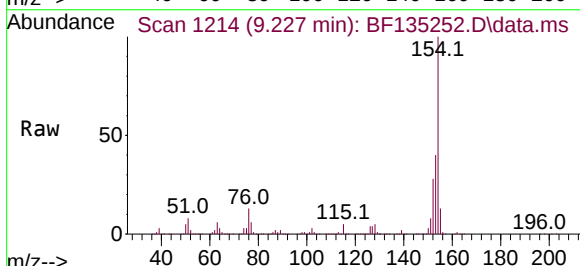
Tgt Ion:154 Resp: 876919

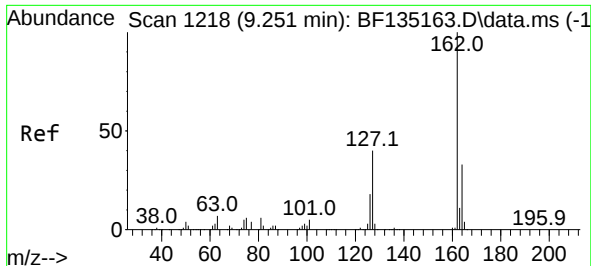
Ion Ratio Lower Upper

154 100

153 39.7 19.6 59.6

76 12.6 0.0 31.0

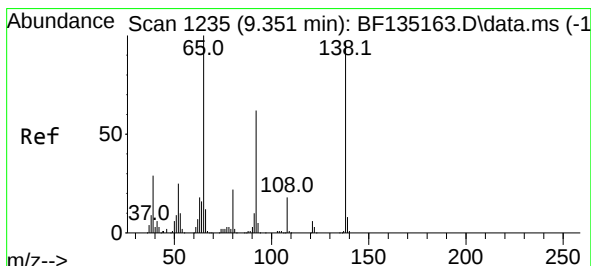
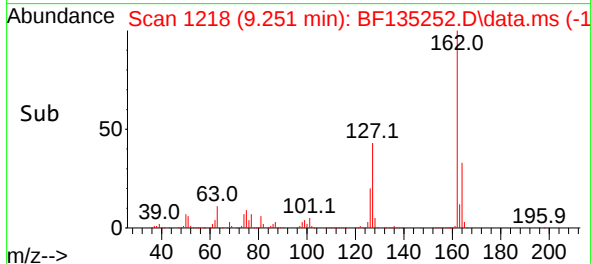
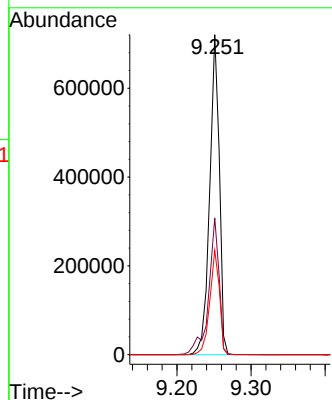
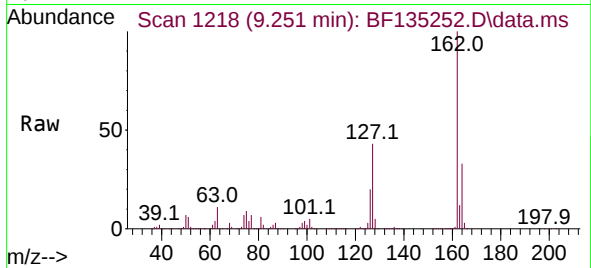




#47
2-Chloronaphthalene
Concen: 46.089 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

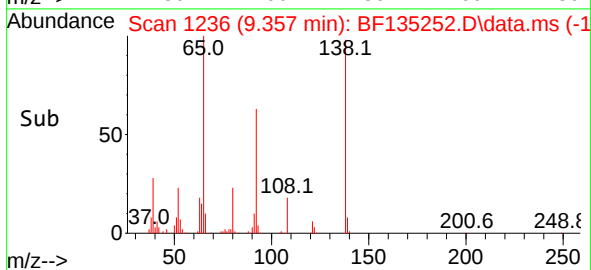
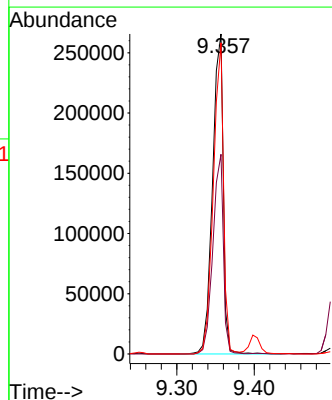
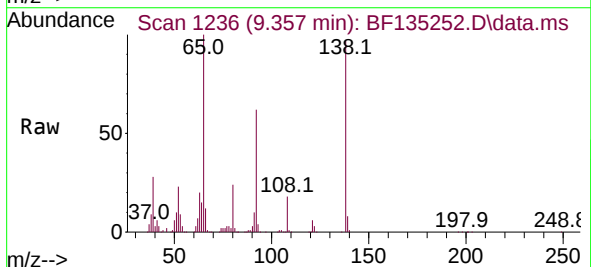
Instrument :
BNA_F
ClientSampleId :
PB154909BS

Tgt Ion:162 Resp: 652576
Ion Ratio Lower Upper
162 100
127 42.7 32.6 48.8
164 32.6 26.2 39.2



#48
2-Nitroaniline
Concen: 46.199 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

Tgt Ion: 65 Resp: 254128
Ion Ratio Lower Upper
65 100
92 62.4 49.4 74.0
138 97.3 77.4 116.0





#49

Acenaphthylene

Concen: 43.499 ng

RT: 9.669 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB154909BS

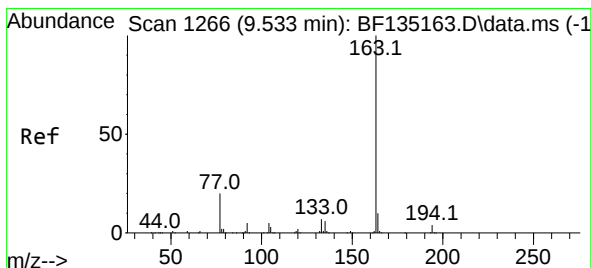
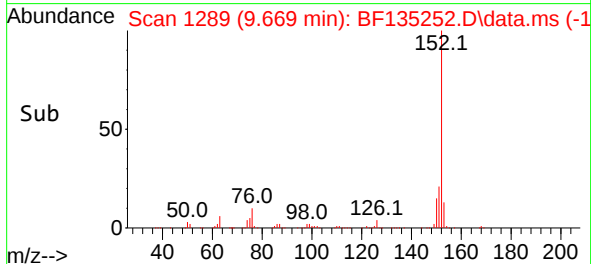
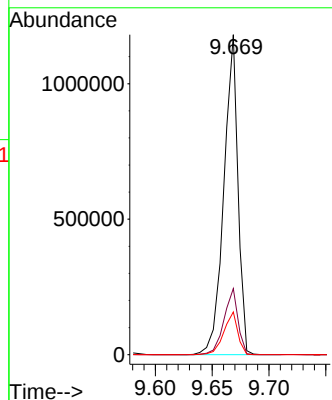
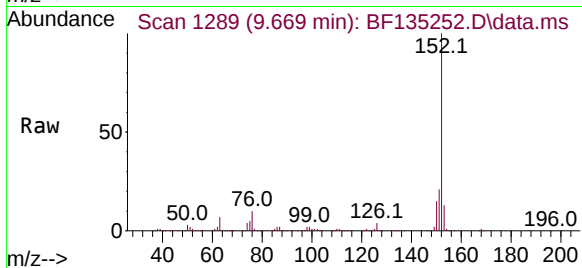
Tgt Ion:152 Resp: 1023599

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 45.930 ng

RT: 9.539 min Scan# 1267

Delta R.T. 0.006 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

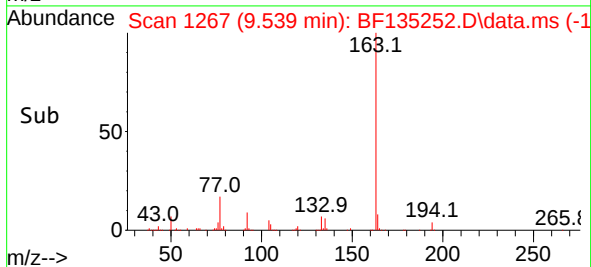
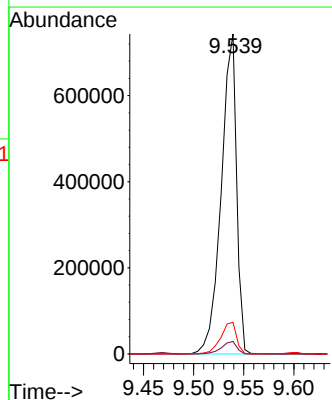
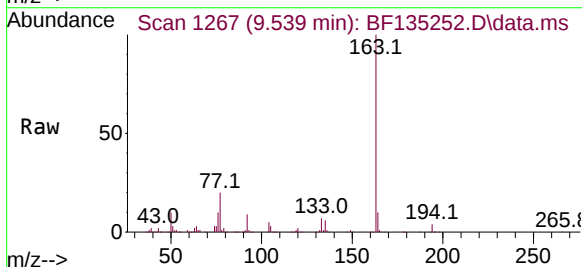
Tgt Ion:163 Resp: 788566

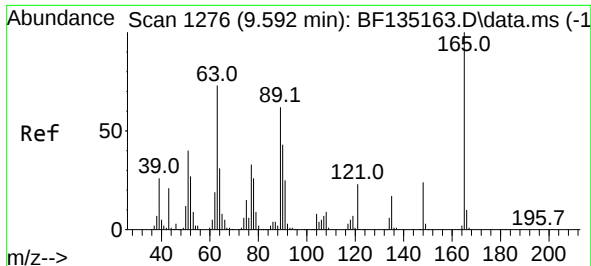
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 9.9 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 48.305 ng

RT: 9.598 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB154909BS

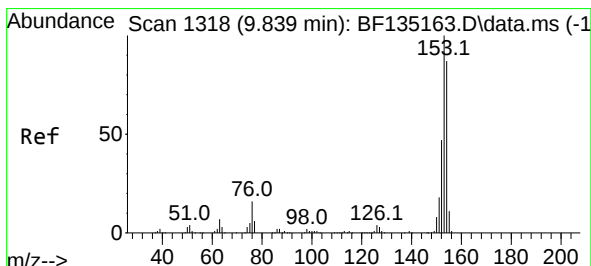
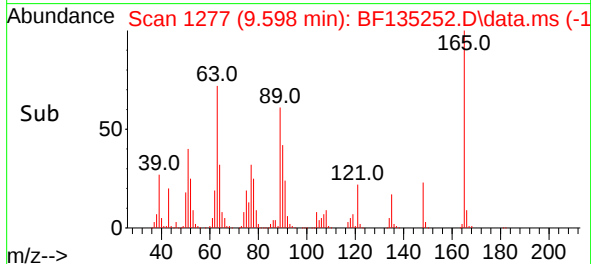
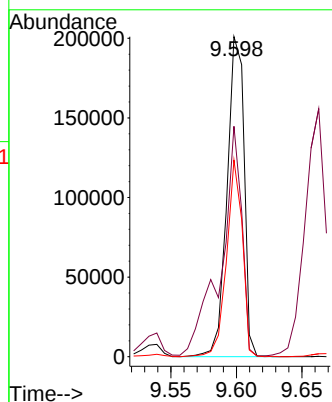
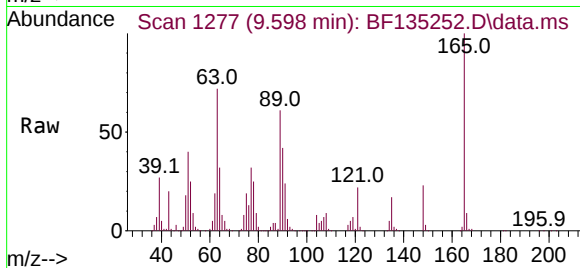
Tgt Ion:165 Resp: 181679

Ion Ratio Lower Upper

165 100

63 72.0 59.4 89.2

89 61.4 49.8 74.8



#52

Acenaphthene

Concen: 45.468 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

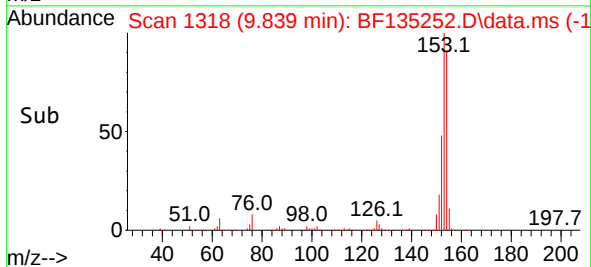
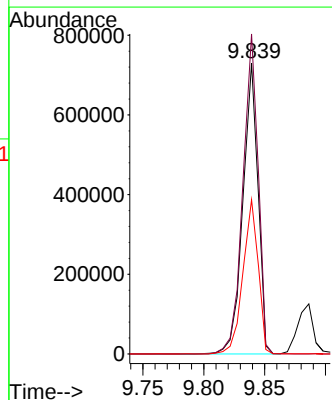
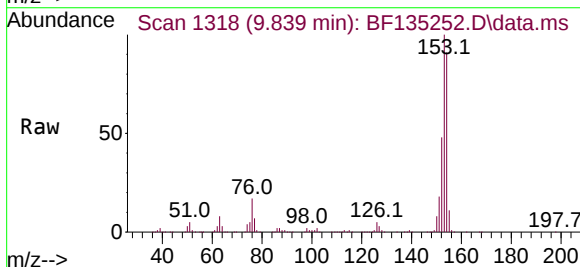
Tgt Ion:154 Resp: 632055

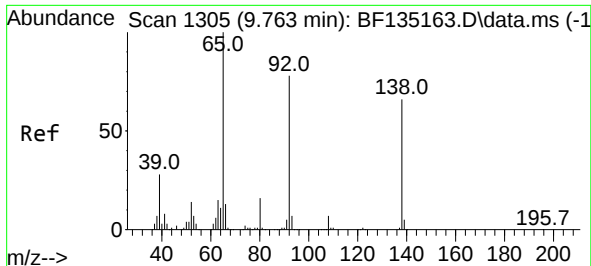
Ion Ratio Lower Upper

154 100

153 110.0 92.1 138.1

152 53.0 43.1 64.7

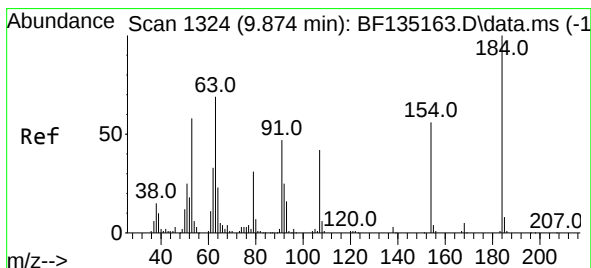
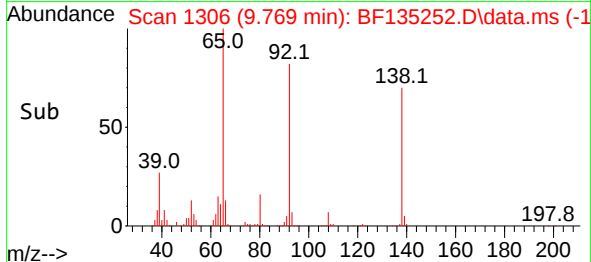
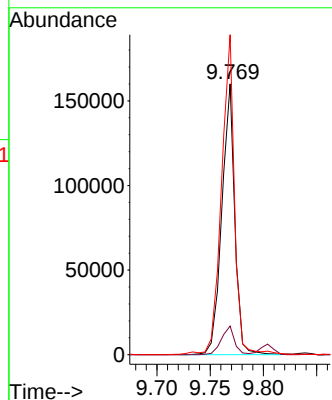
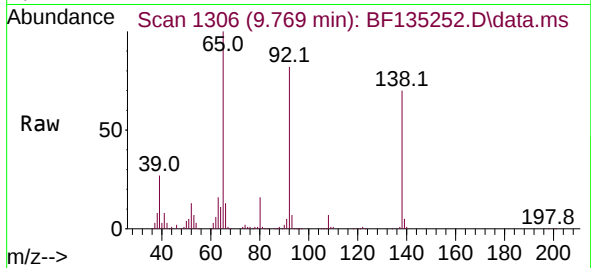




#53
3-Nitroaniline
Concen: 30.528 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

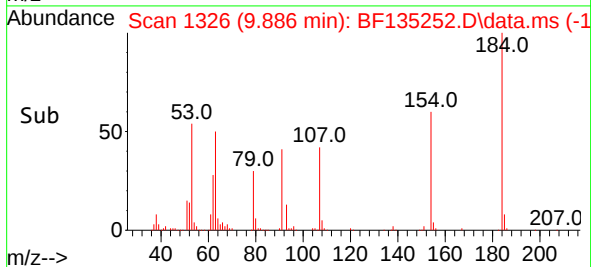
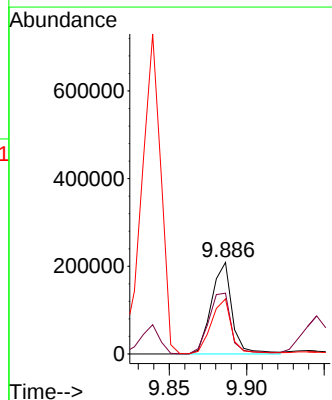
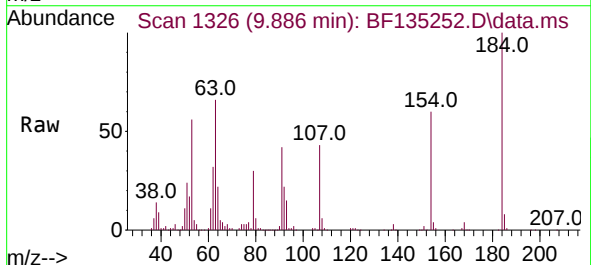
Instrument :
BNA_F
ClientSampleId :
PB154909BS

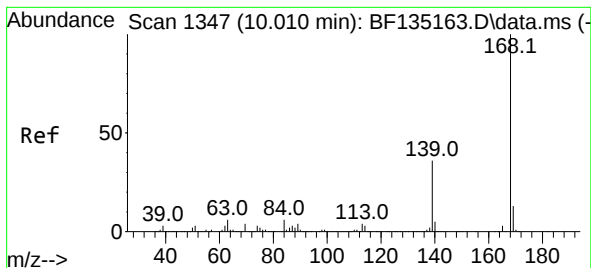
Tgt Ion:138 Resp: 134778
Ion Ratio Lower Upper
138 100
108 10.6 8.5 12.7
92 118.2 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 90.262 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

Tgt Ion:184 Resp: 194580
Ion Ratio Lower Upper
184 100
63 66.4 55.1 82.7
154 60.2 48.4 72.6

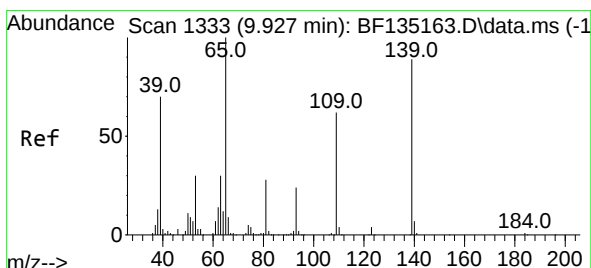
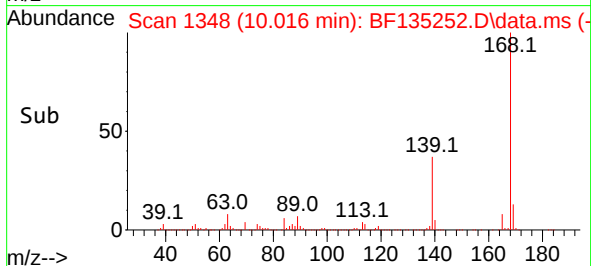
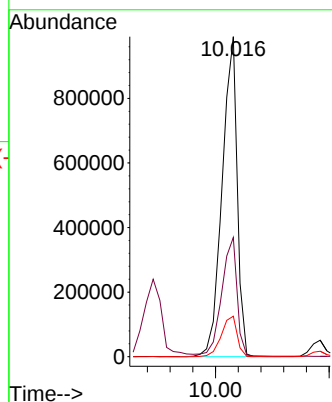
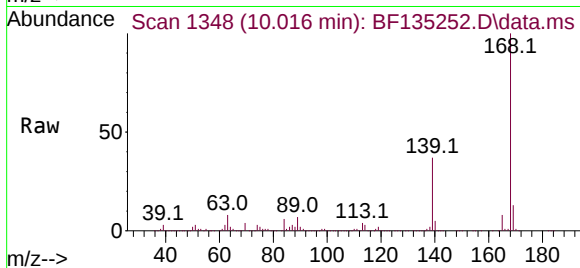




#55
Dibenzenofuran
Concen: 43.079 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

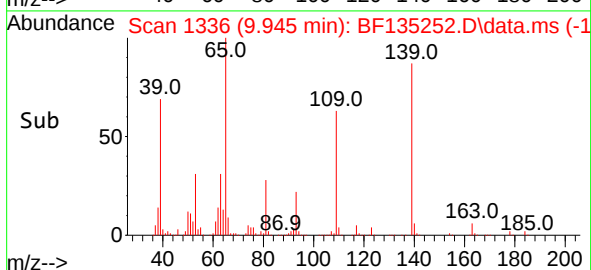
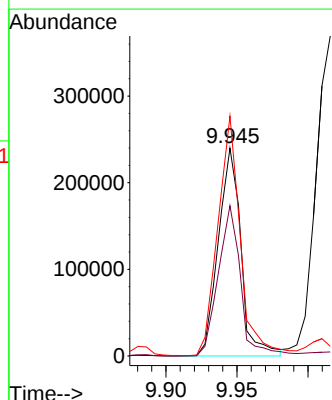
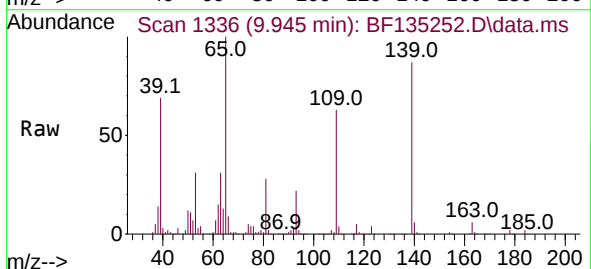
Instrument :
BNA_F
ClientSampleId :
PB154909BS

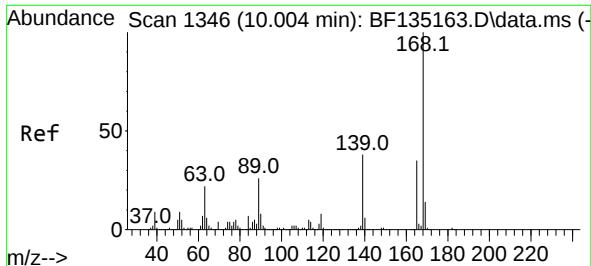
Tgt Ion:168 Resp: 913823
Ion Ratio Lower Upper
168 100
139 37.3 29.0 43.6
169 12.6 10.4 15.6



#56
4-Nitrophenol
Concen: 94.529 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.018 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

Tgt Ion:139 Resp: 265239
Ion Ratio Lower Upper
139 100
109 72.3 49.8 89.8
65 115.5 92.7 132.7

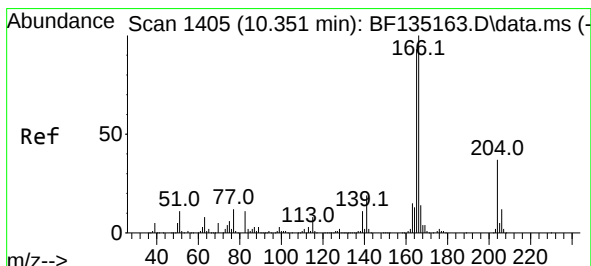
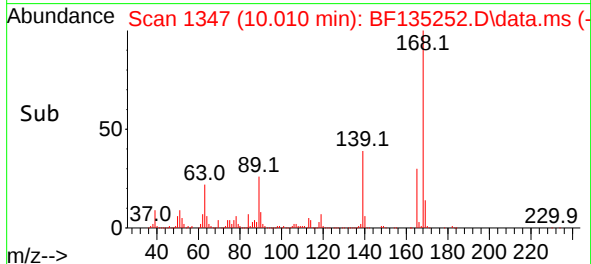
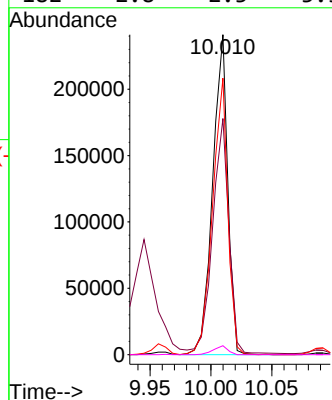
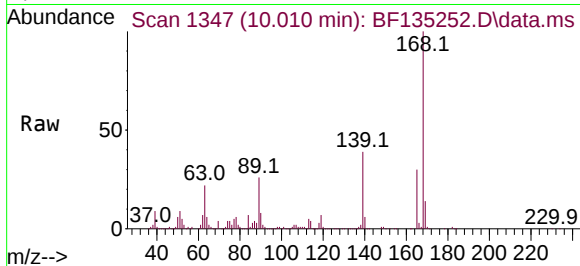




#57
2,4-Dinitrotoluene
Concen: 44.411 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

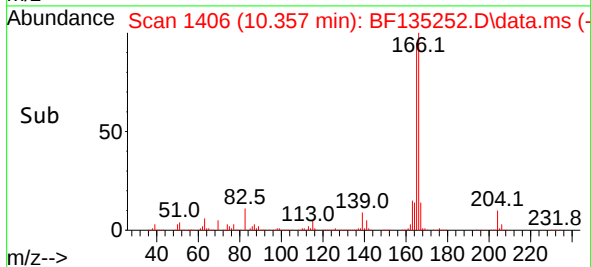
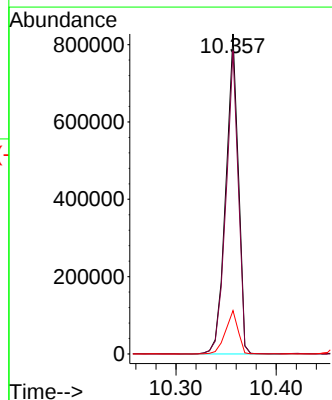
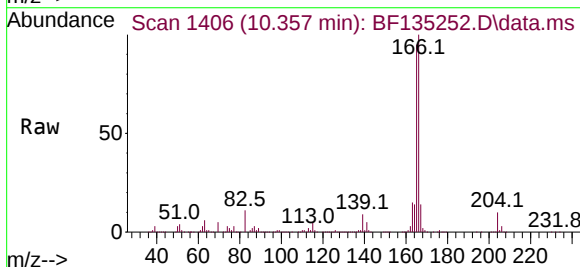
Instrument :
BNA_F
ClientSampleId :
PB154909BS

Tgt Ion:165 Resp: 209114
Ion Ratio Lower Upper
165 100
63 73.8 50.1 75.1
89 86.4 59.3 88.9
182 2.8 2.3 3.5



#58
Fluorene
Concen: 43.683 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

Tgt Ion:166 Resp: 712367
Ion Ratio Lower Upper
166 100
165 94.8 74.3 111.5
167 13.6 10.9 16.3

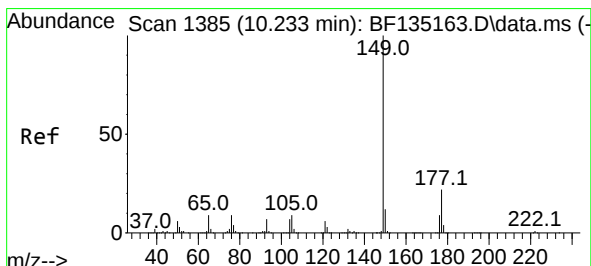
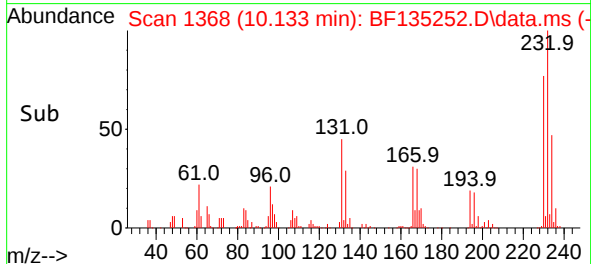
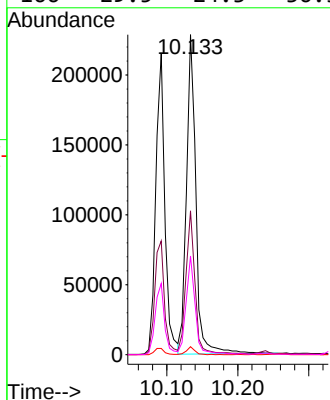
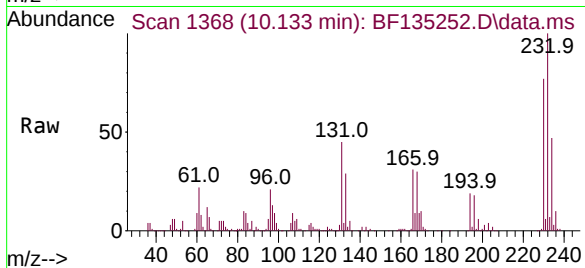




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.446 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

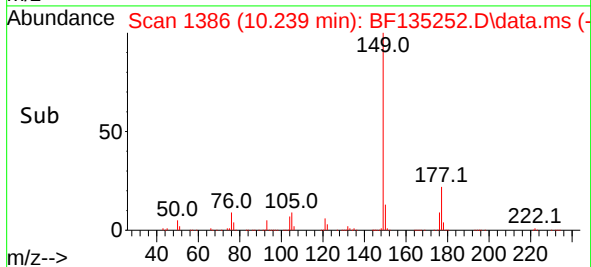
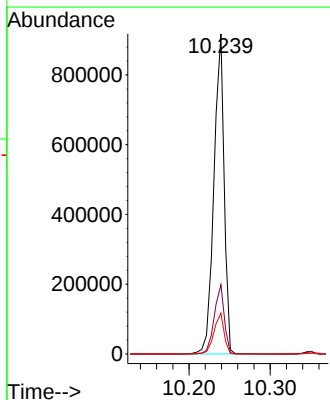
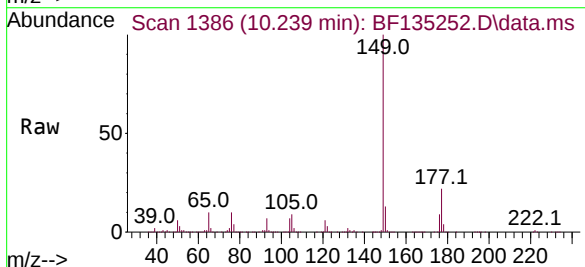
Instrument :
BNA_F
ClientSampleId :
PB154909BS

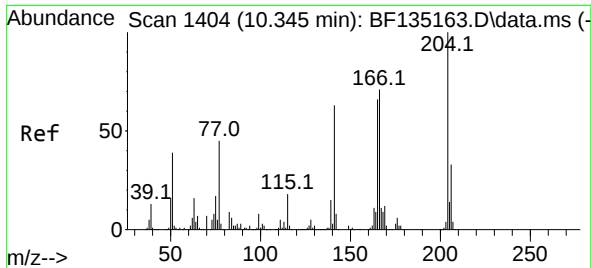
Tgt Ion:232 Resp: 210986
Ion Ratio Lower Upper
232 100
131 42.9 35.4 53.2
130 2.3 1.8 2.8
166 29.5 24.3 36.5



#60
Diethylphthalate
Concen: 46.517 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

Tgt Ion:149 Resp: 801506
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.6
150 12.7 10.0 15.0

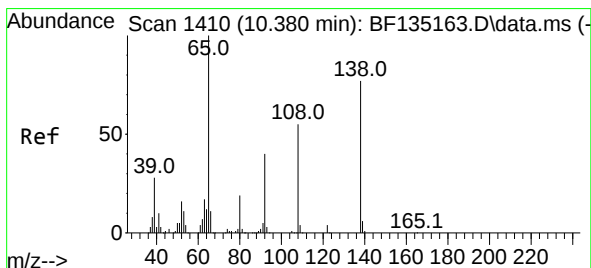
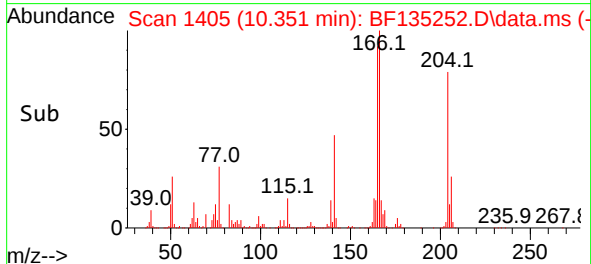
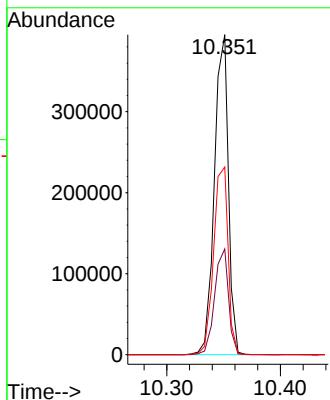
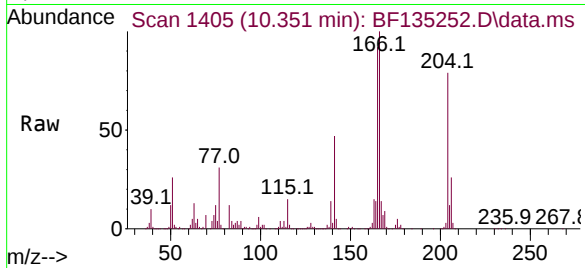




#61
4-Chlorophenyl-phenylether
Concen: 43.129 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

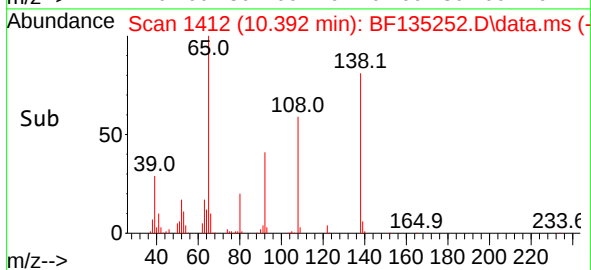
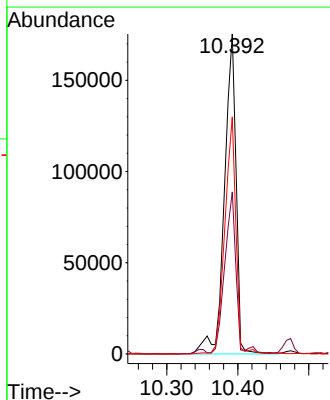
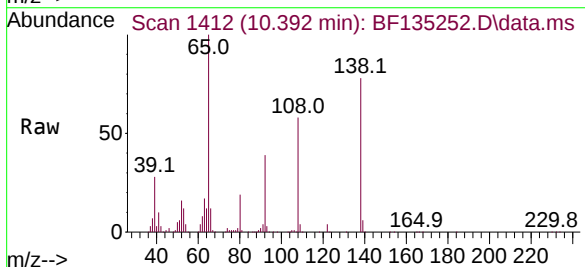
Instrument :
BNA_F
ClientSampleId :
PB154909BS

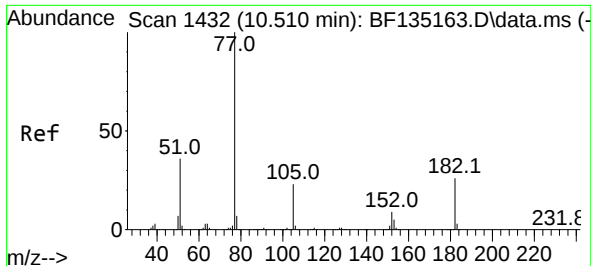
Tgt Ion:204 Resp: 337857
Ion Ratio Lower Upper
204 100
206 33.0 26.7 40.1
141 58.7 50.6 75.8



#62
4-Nitroaniline
Concen: 46.971 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

Tgt Ion:138 Resp: 199337
Ion Ratio Lower Upper
138 100
92 50.7 31.8 71.8
108 74.1 52.0 92.0



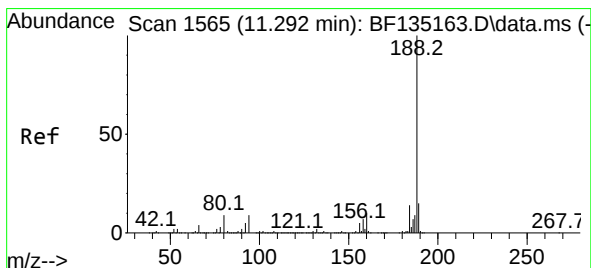
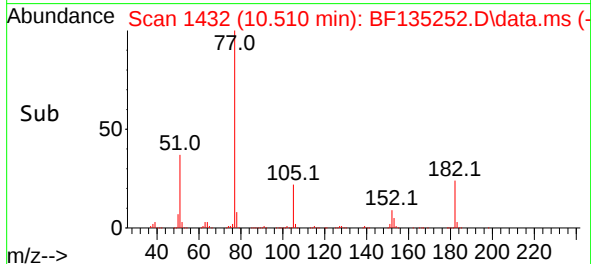
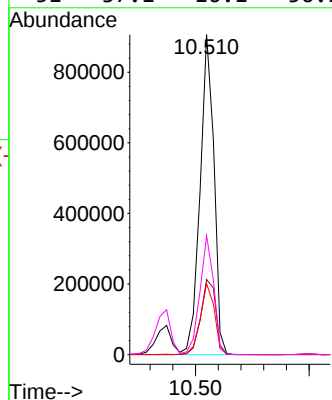
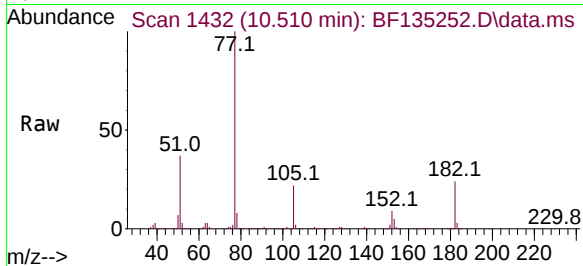


#63
Azobenzene
Concen: 45.585 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

Instrument :
BNA_F
ClientSampleId :
PB154909BS

Tgt Ion: 77 Resp: 768705

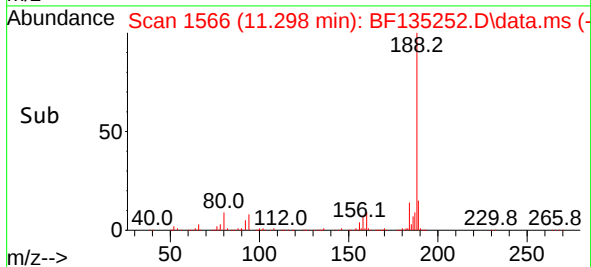
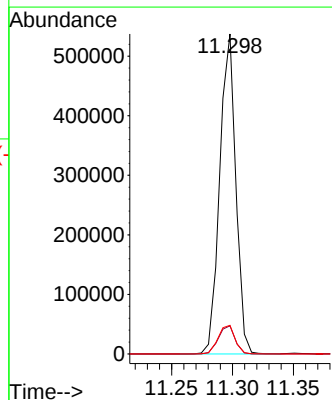
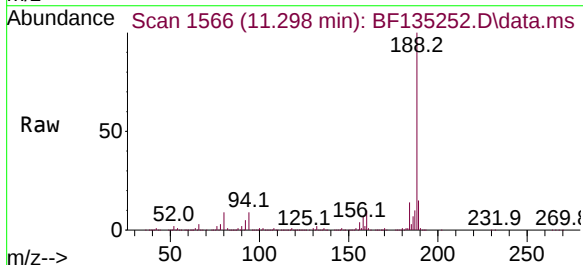
Ion	Ratio	Lower	Upper
77	100		
182	23.5	6.4	46.4
105	22.1	3.1	43.1
51	37.1	16.1	56.1

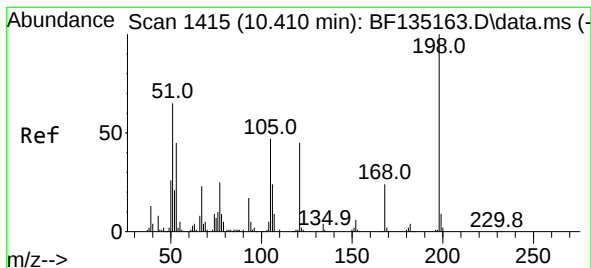


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

Tgt Ion: 188 Resp: 495256

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.6
80	8.9	7.5	11.3

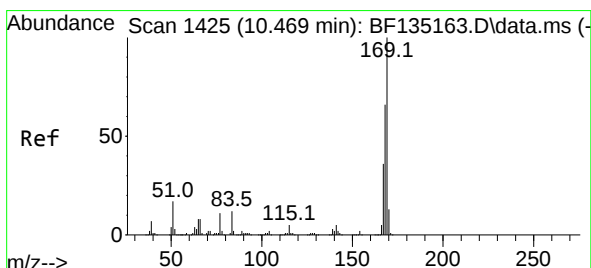
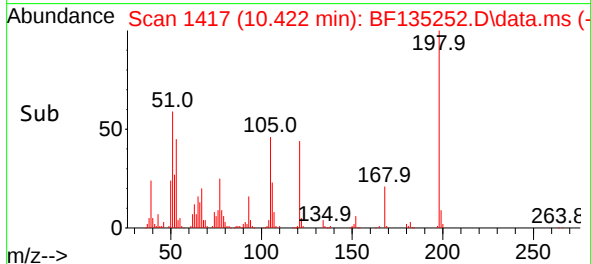
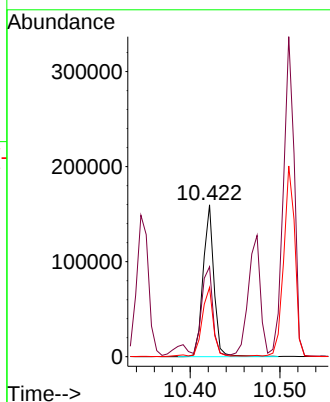
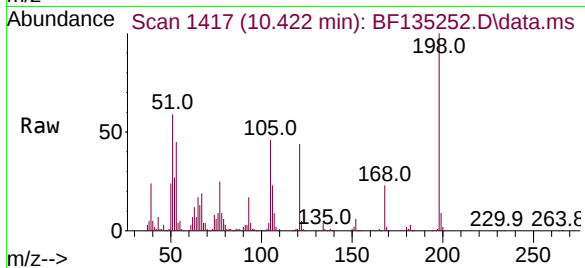




#65
4,6-Dinitro-2-methylphenol
Concen: 50.888 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.012 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

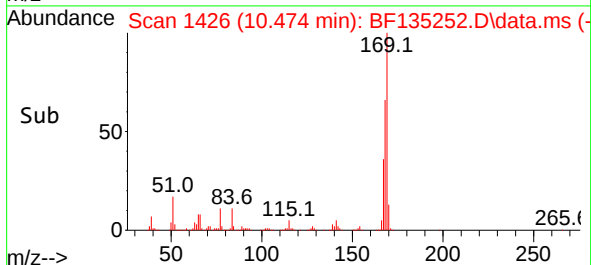
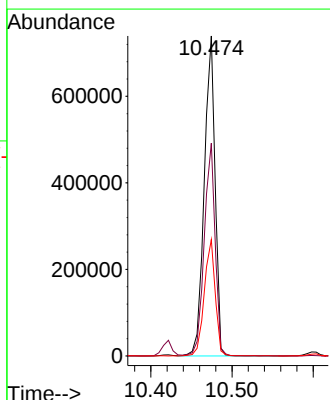
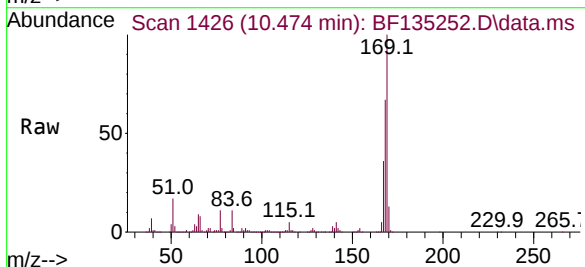
Instrument :
BNA_F
ClientSampleId :
PB154909BS

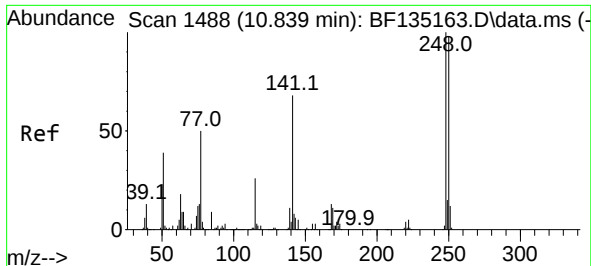
Tgt Ion:198 Resp: 133860
Ion Ratio Lower Upper
198 100
51 59.2 47.7 87.7
105 45.6 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 45.577 ng
RT: 10.474 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

Tgt Ion:169 Resp: 683372
Ion Ratio Lower Upper
169 100
168 66.5 52.8 79.2
167 36.4 29.0 43.6

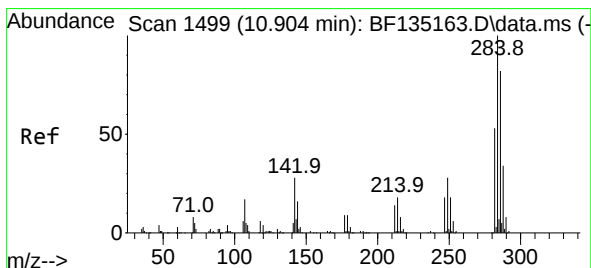
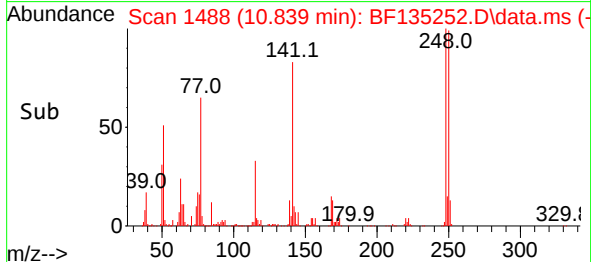
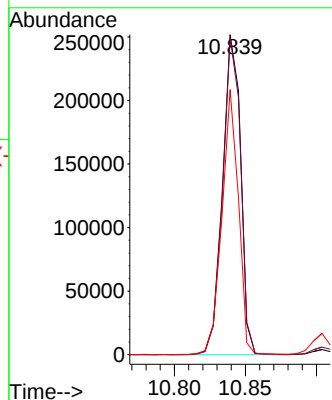
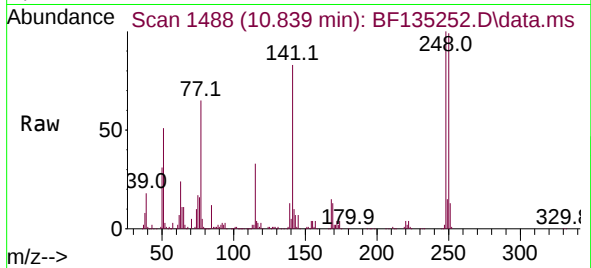




#67
4-Bromophenyl-phenylether
Concen: 45.246 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

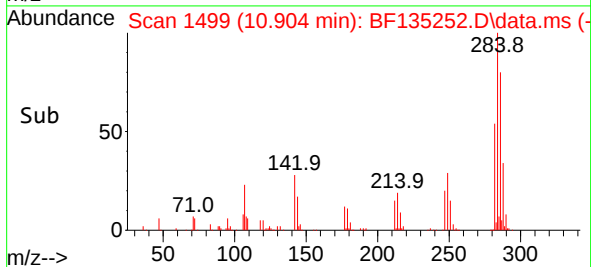
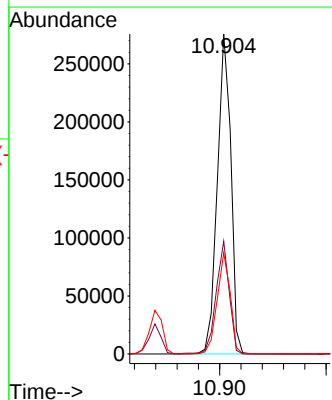
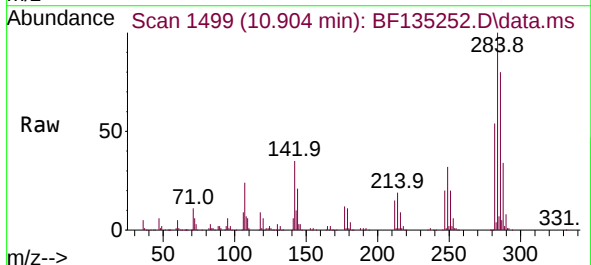
Instrument :
BNA_F
ClientSampleId :
PB154909BS

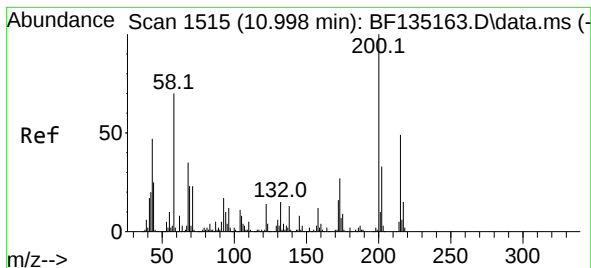
Tgt Ion:248 Resp: 222865
Ion Ratio Lower Upper
248 100
250 99.1 78.6 117.8
141 82.9 54.2 81.2#



#68
Hexachlorobenzene
Concen: 48.148 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

Tgt Ion:284 Resp: 241615
Ion Ratio Lower Upper
284 100
142 35.2 22.2 33.4#
249 31.6 22.5 33.7





#69

Atrazine

Concen: 56.783 ng

RT: 11.010 min Scan# 1517

Delta R.T. 0.012 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB154909BS

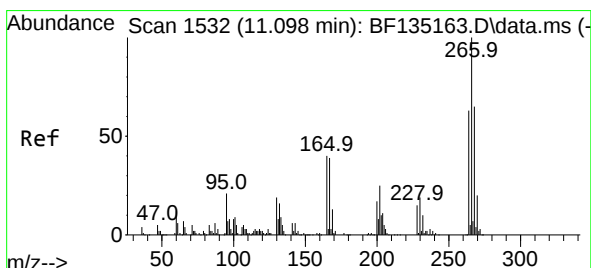
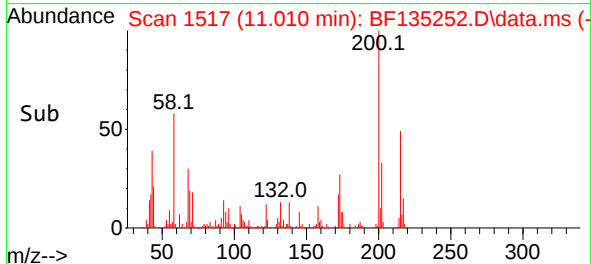
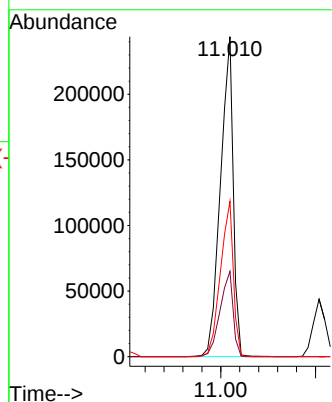
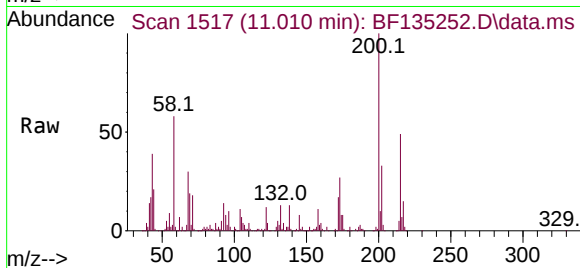
Tgt Ion:200 Resp: 229085

Ion Ratio Lower Upper

200 100

173 26.6 7.4 47.4

215 48.6 28.6 68.6



#70

Pentachlorophenol

Concen: 85.791 ng

RT: 11.104 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

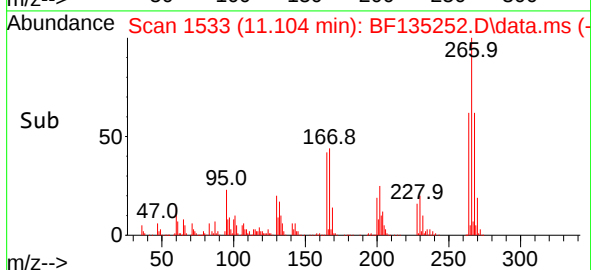
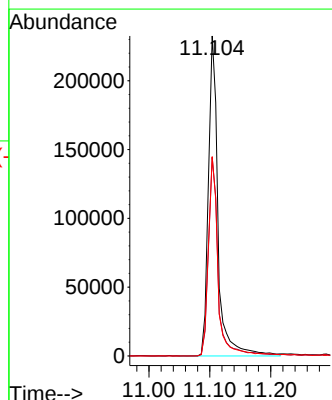
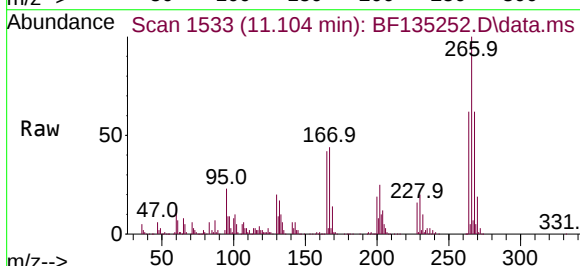
Tgt Ion:266 Resp: 257574

Ion Ratio Lower Upper

266 100

268 62.1 52.1 78.1

264 62.3 50.8 76.2





#71

Phenanthrene

Concen: 45.970 ng

RT: 11.321 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB154909BS

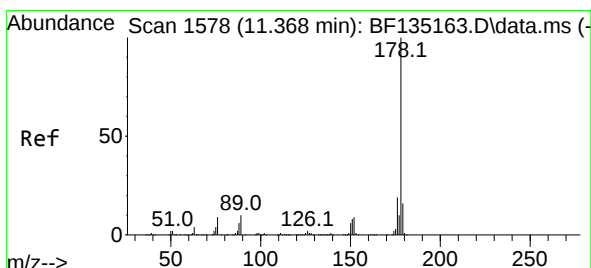
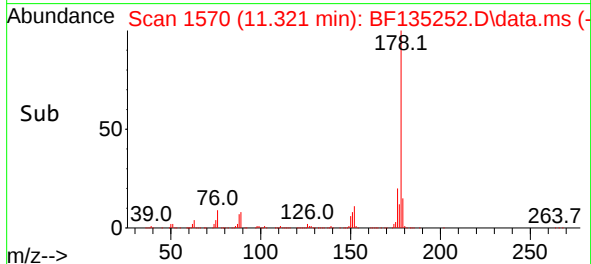
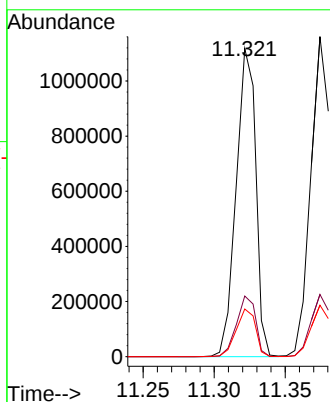
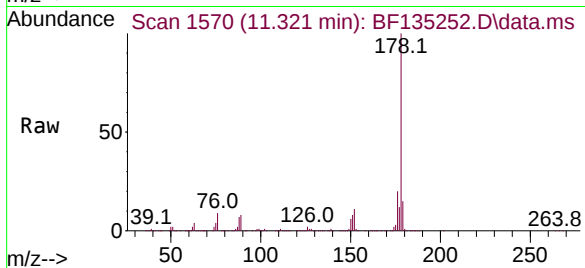
Tgt Ion:178 Resp: 1076780

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.5 12.0 18.0



#72

Anthracene

Concen: 45.189 ng

RT: 11.374 min Scan# 1579

Delta R.T. 0.006 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

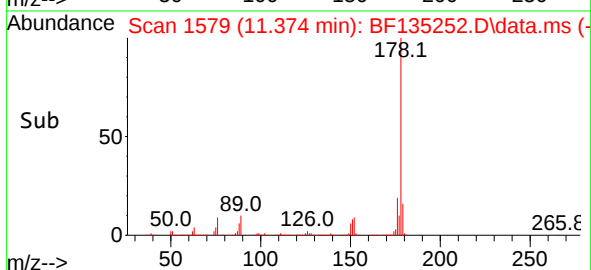
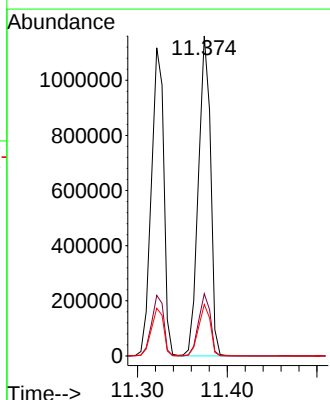
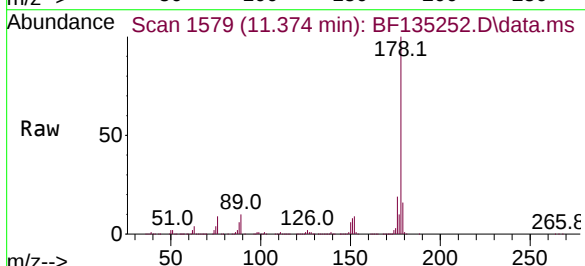
Tgt Ion:178 Resp: 1087996

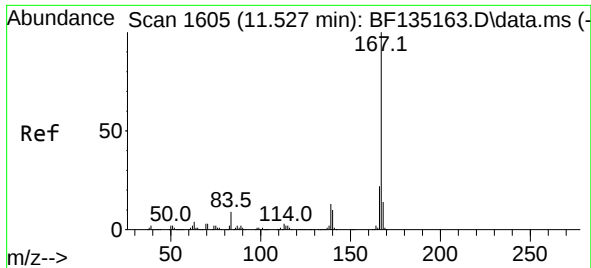
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 16.1 12.6 19.0

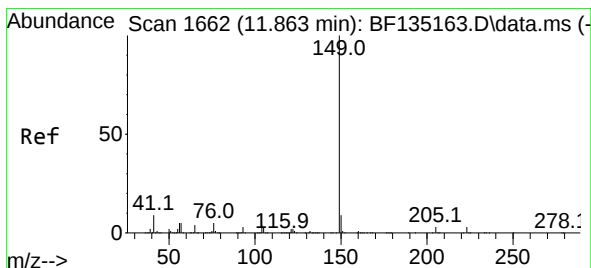
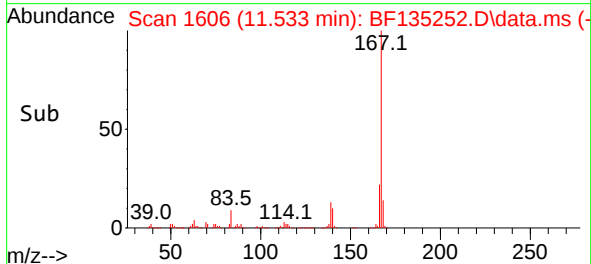
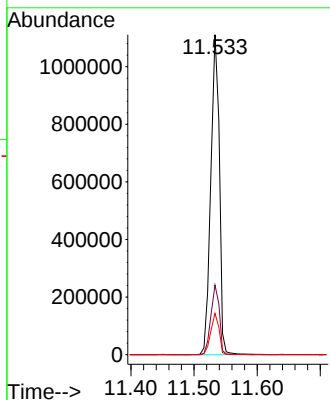
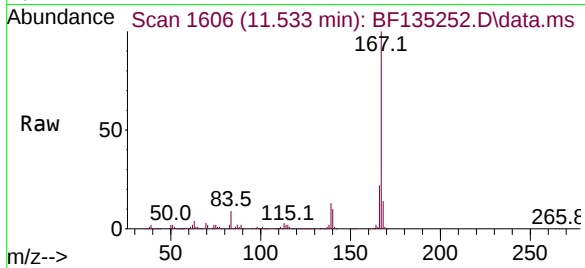




#73
Carbazole
Concen: 47.659 ng
RT: 11.533 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

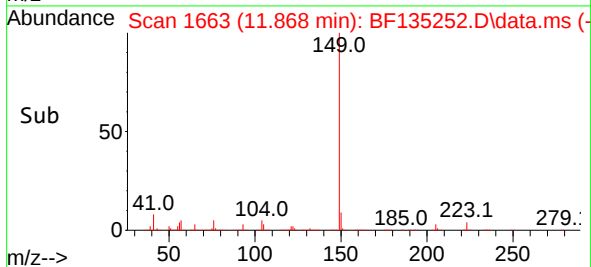
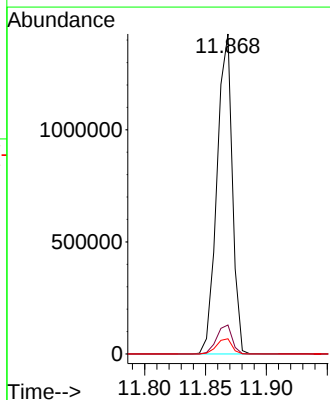
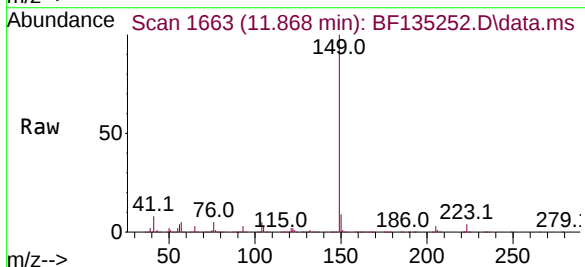
Instrument :
BNA_F
ClientSampleId :
PB154909BS

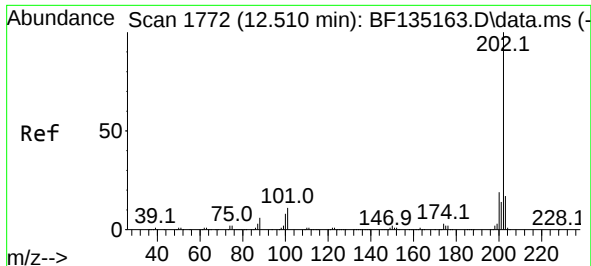
Tgt Ion:167 Resp: 1044575
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.0
139 12.9 10.6 15.8



#74
Di-n-butylphthalate
Concen: 48.613 ng
RT: 11.868 min Scan# 1663
Delta R.T. 0.006 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

Tgt Ion:149 Resp: 1255501
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.8 3.6 5.4

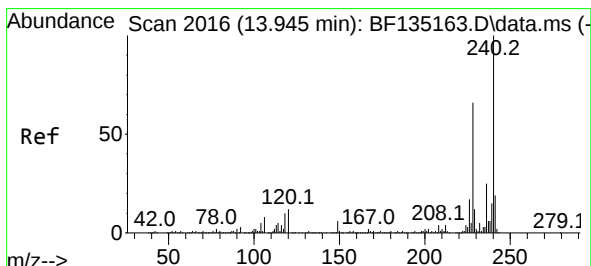
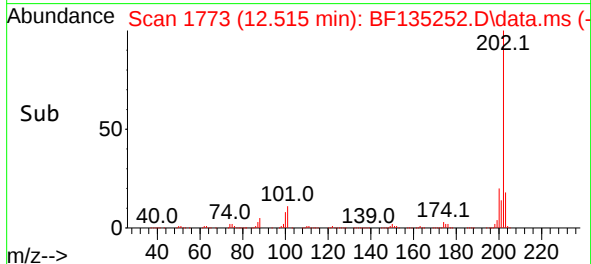
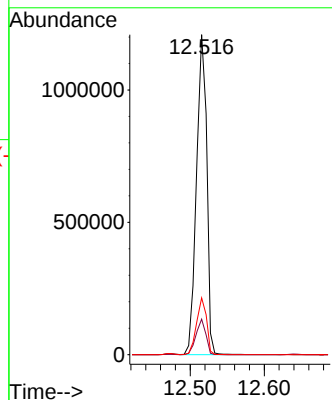
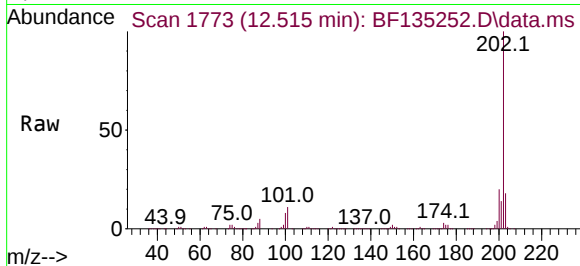




#75
Fluoranthene
Concen: 47.501 ng
RT: 12.515 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

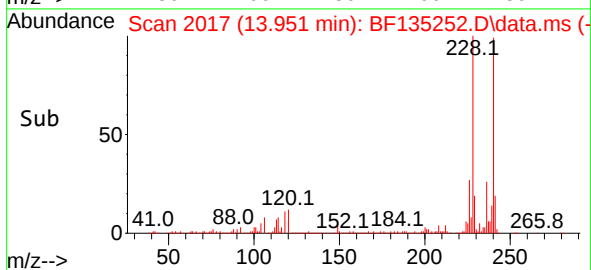
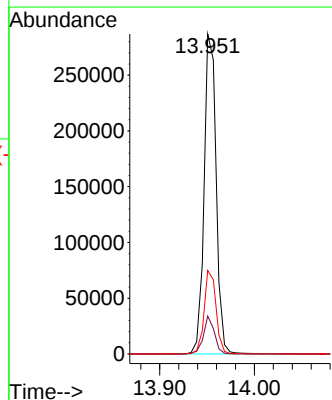
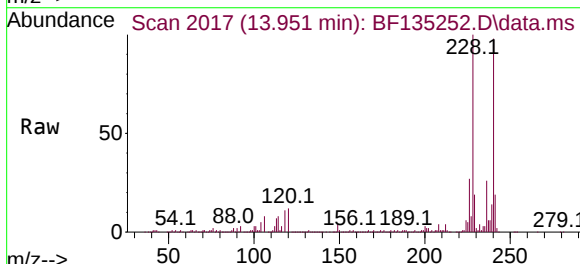
Instrument :
BNA_F
ClientSampleId :
PB154909BS

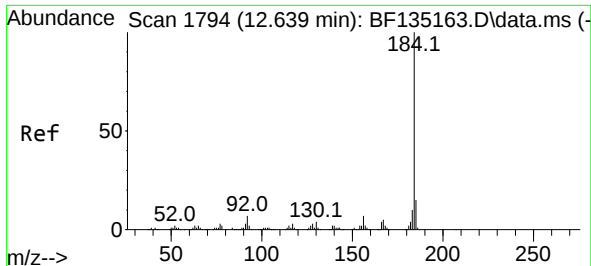
Tgt Ion:202 Resp: 1159352
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.3
203 17.8 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

Tgt Ion:240 Resp: 254422
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 26.1 19.8 29.8

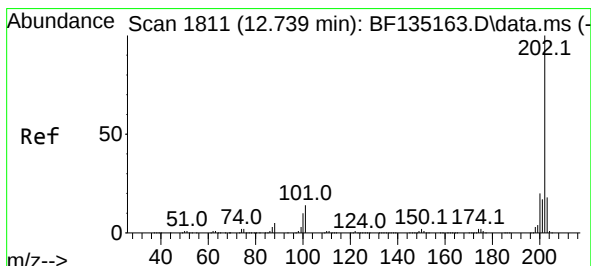
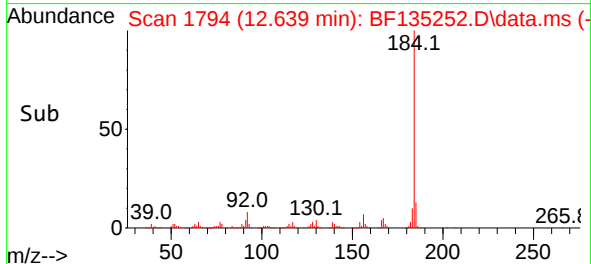
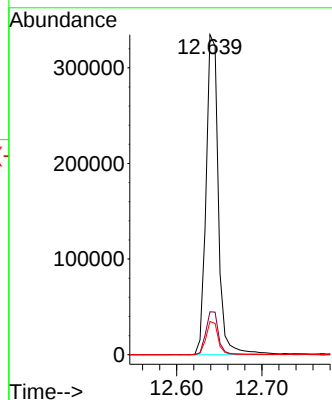
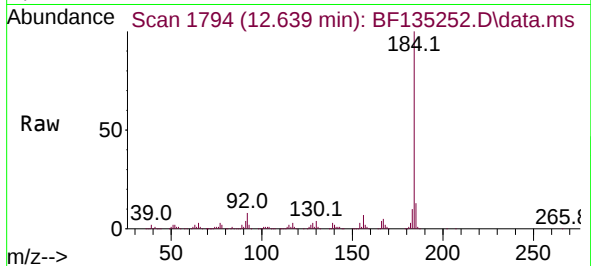




#77
Benzidine
Concen: 64.195 ng
RT: 12.639 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

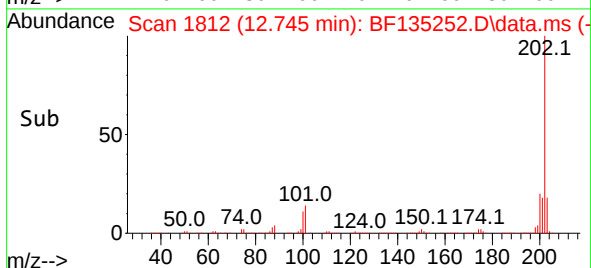
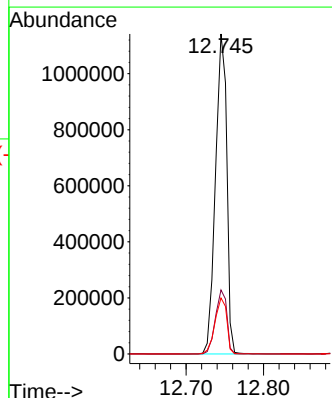
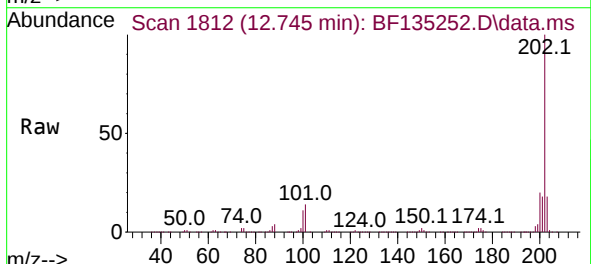
Instrument :
BNA_F
ClientSampleId :
PB154909BS

Tgt Ion:184 Resp: 334603
Ion Ratio Lower Upper
184 100
185 13.4 11.7 17.5
183 10.3 8.2 12.4



#78
Pyrene
Concen: 47.684 ng
RT: 12.745 min Scan# 1812
Delta R.T. 0.006 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

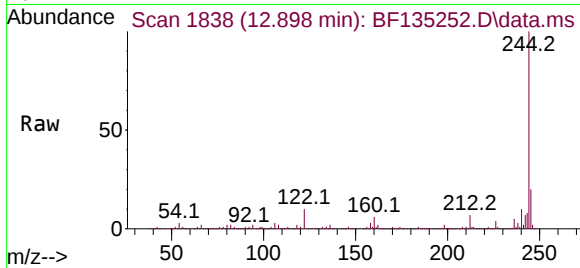
Tgt Ion:202 Resp: 1155046
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.5 14.2 21.4



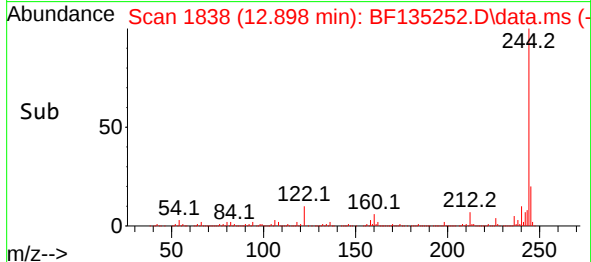
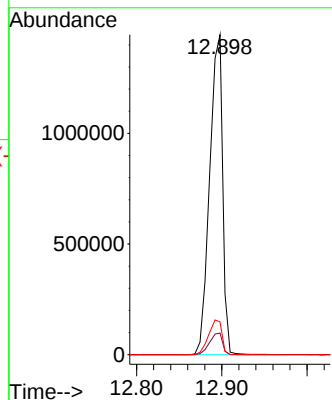


#79
 Terphenyl-d14
 Concen: 93.062 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. 0.006 min
 Lab File: BF135252.D
 Acq: 14 Sep 2023 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB154909BS

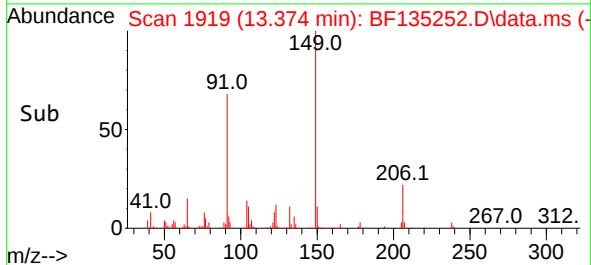
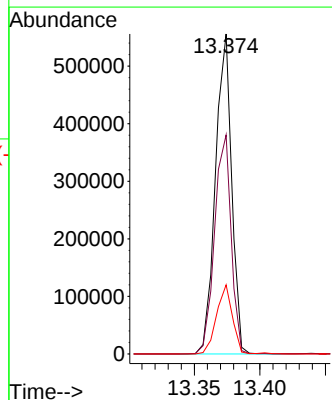
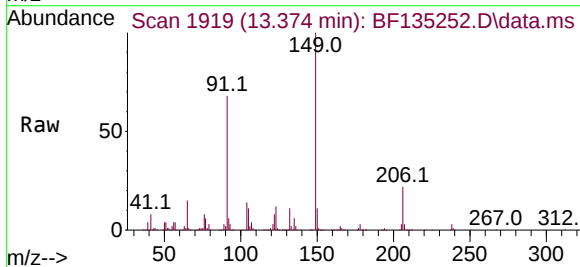


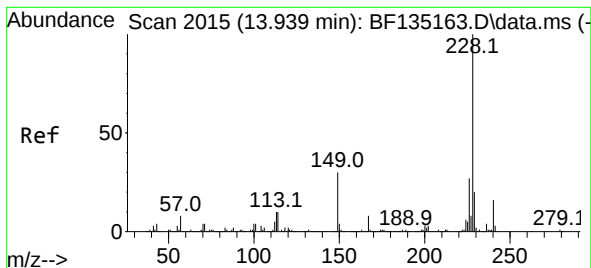
Tgt Ion:244 Resp: 1527365
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 10.3 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 55.974 ng
 RT: 13.374 min Scan# 1919
 Delta R.T. 0.006 min
 Lab File: BF135252.D
 Acq: 14 Sep 2023 14:05

Tgt Ion:149 Resp: 477370
 Ion Ratio Lower Upper
 149 100
 91 68.4 54.7 82.1
 206 21.6 16.3 24.5





#81

Benzo(a)anthracene

Concen: 45.533 ng

RT: 13.945 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB154909BS

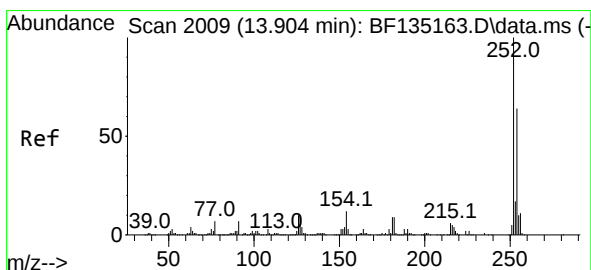
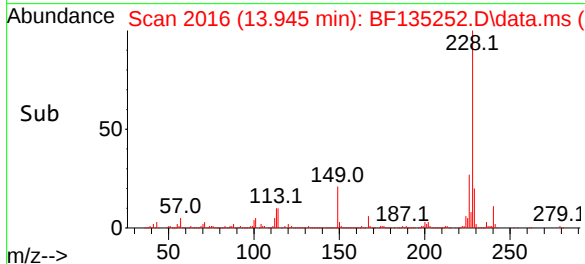
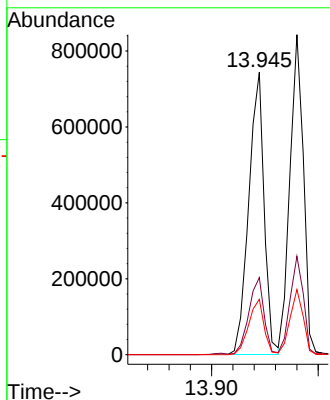
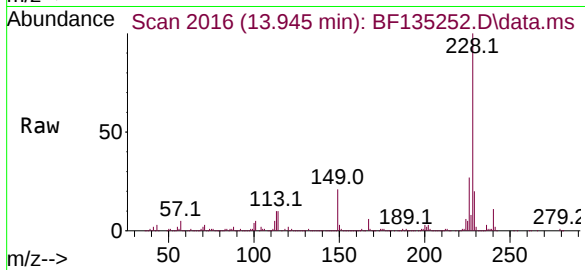
Tgt Ion:228 Resp: 748053

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 34.268 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

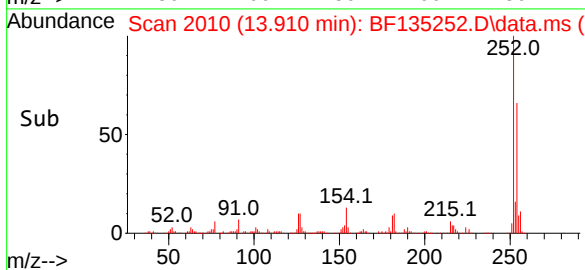
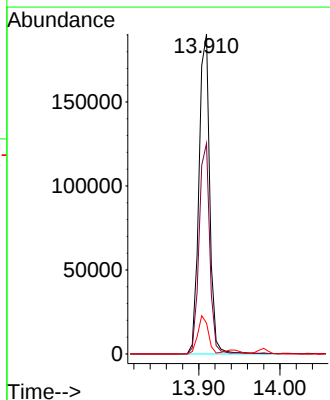
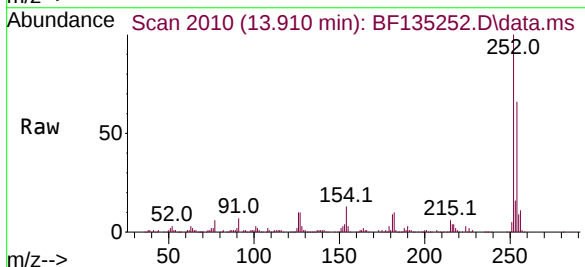
Tgt Ion:252 Resp: 175847

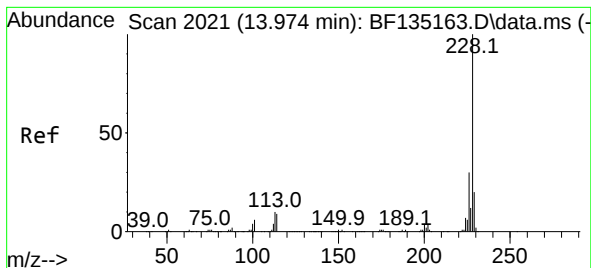
Ion Ratio Lower Upper

252 100

254 65.8 51.0 76.4

126 9.7 7.8 11.8





#83

Chrysene

Concen: 45.833 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.006 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB154909BS

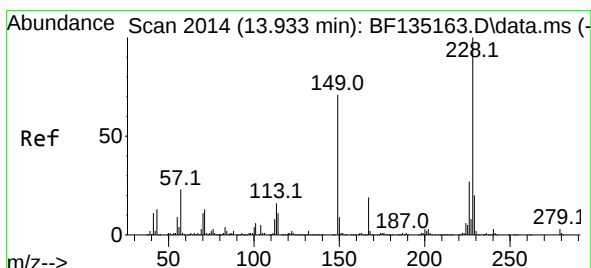
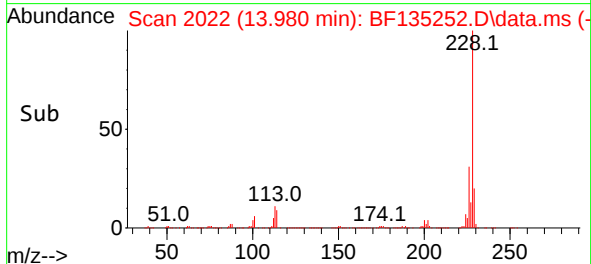
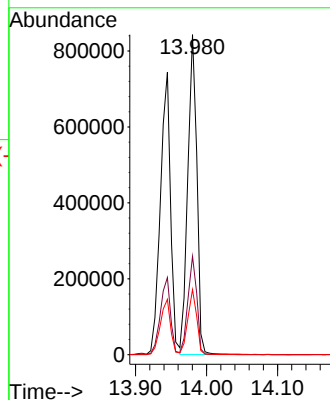
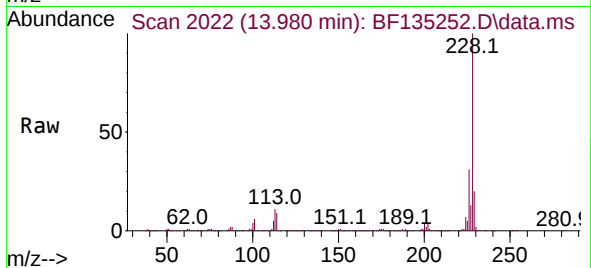
Tgt Ion:228 Resp: 748632

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 20.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.779 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

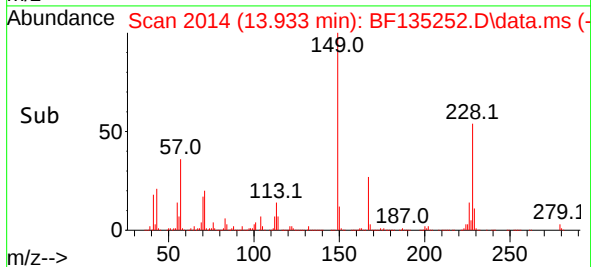
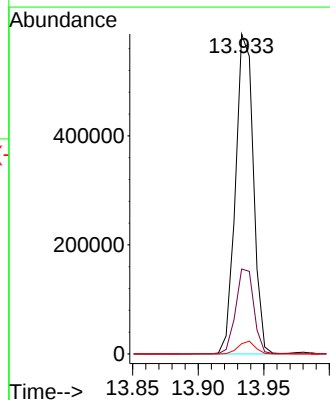
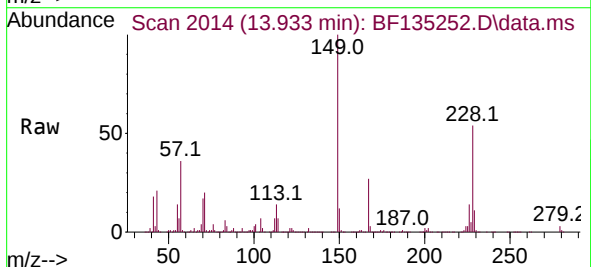
Tgt Ion:149 Resp: 558176

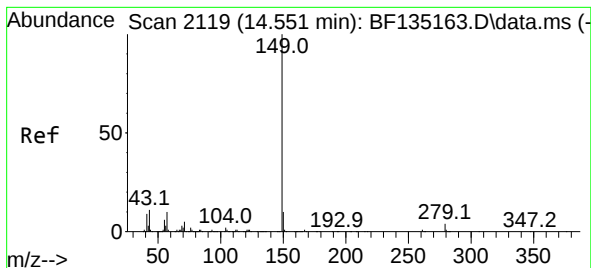
Ion Ratio Lower Upper

149 100

167 26.5 21.9 32.9

279 3.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 60.698 ng

RT: 14.551 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB154909BS

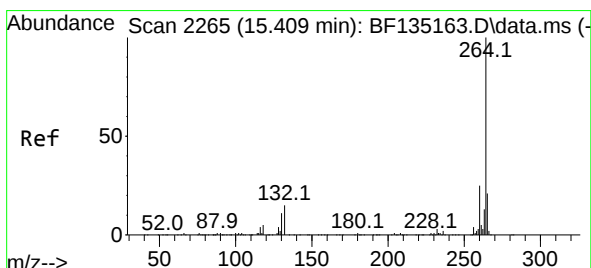
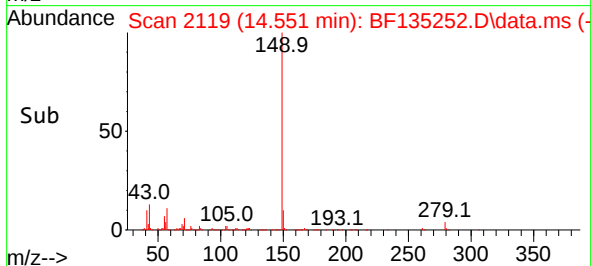
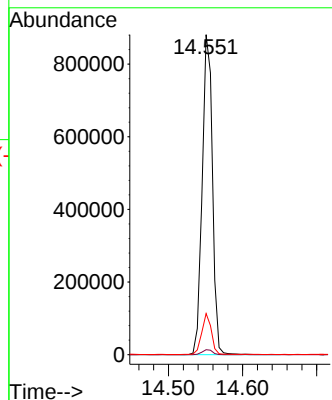
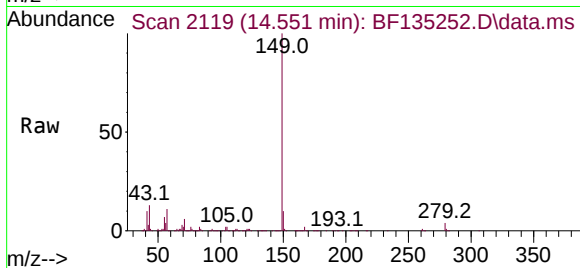
Tgt Ion:149 Resp: 844204

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 11.9 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

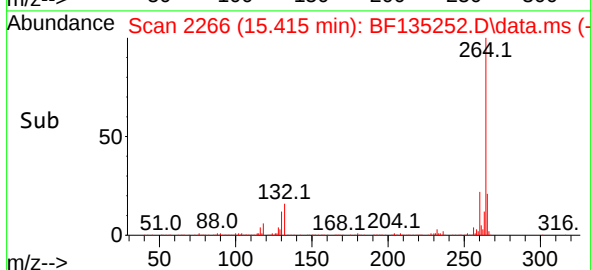
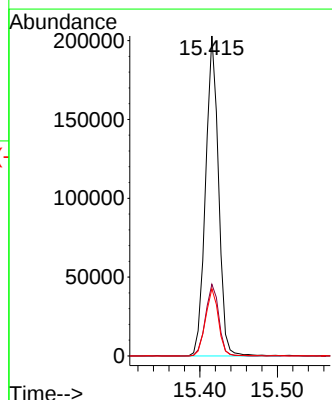
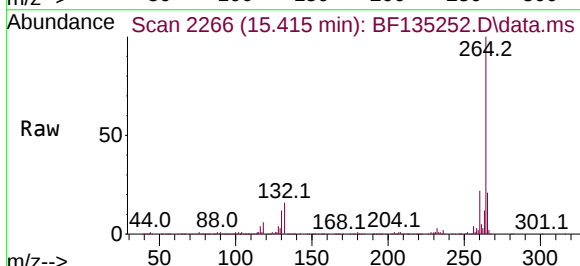
Tgt Ion:264 Resp: 235204

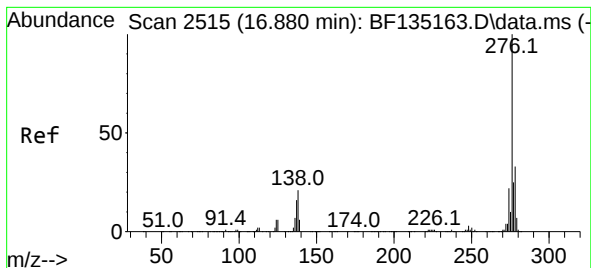
Ion Ratio Lower Upper

264 100

260 22.4 19.8 29.6

265 21.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.694 ng

RT: 16.903 min Scan# 2119

Delta R.T. 0.024 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB154909BS

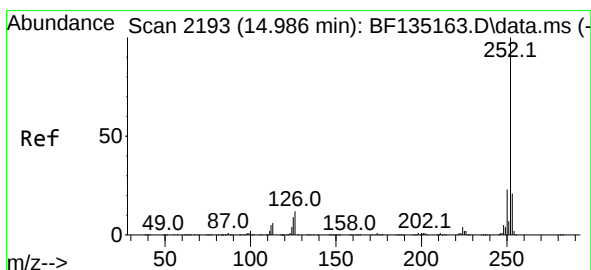
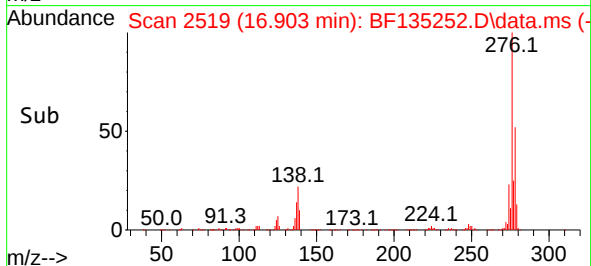
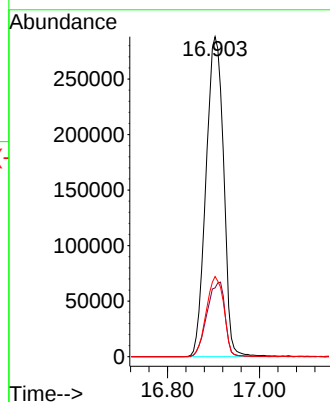
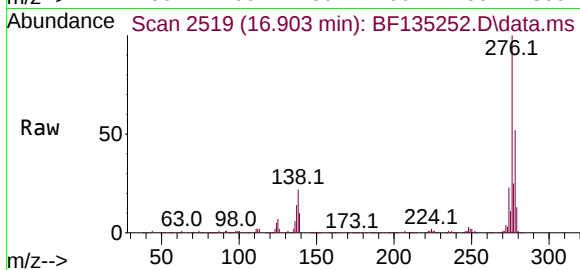
Tgt Ion:276 Resp: 766351

Ion Ratio Lower Upper

276 100

138 23.9 19.2 28.8

277 25.1 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 50.285 ng

RT: 14.992 min Scan# 2194

Delta R.T. 0.006 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

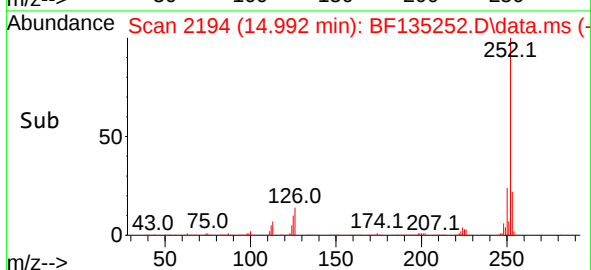
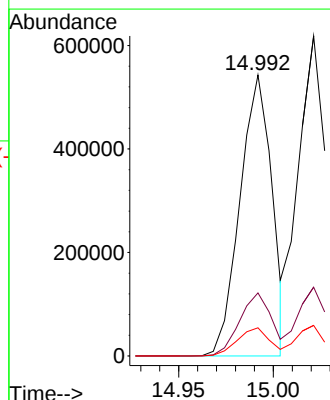
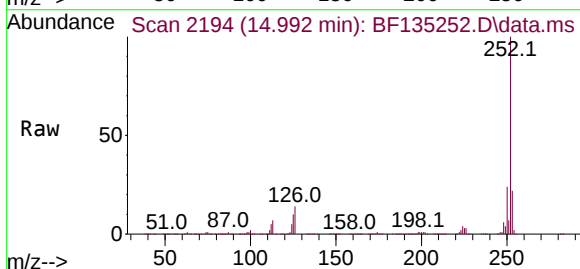
Tgt Ion:252 Resp: 640247

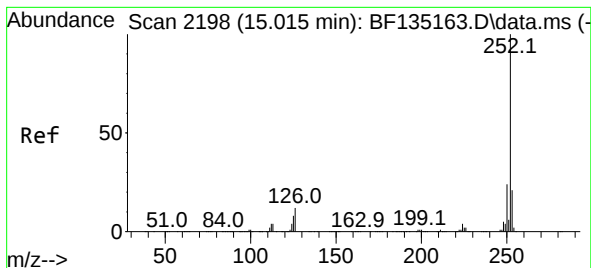
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 10.0 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 50.379 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB154909BS

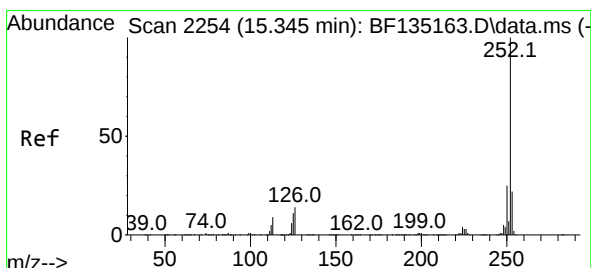
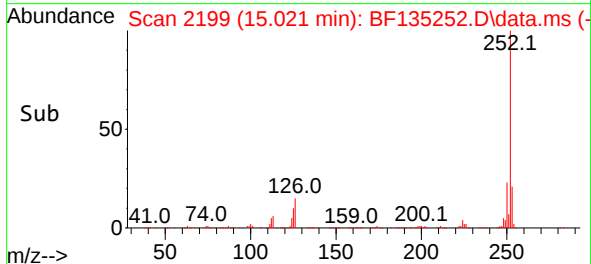
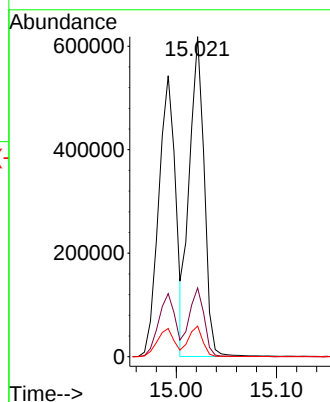
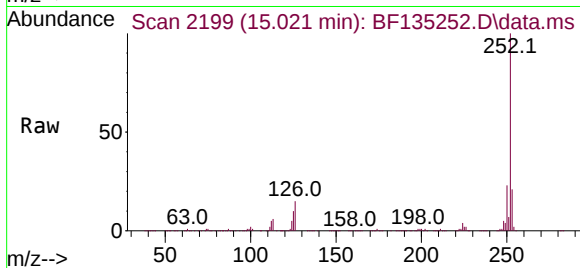
Tgt Ion:252 Resp: 633637

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 9.6 7.2 10.8



#90

Benzo(a)pyrene

Concen: 47.665 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.012 min

Lab File: BF135252.D

Acq: 14 Sep 2023 14:05

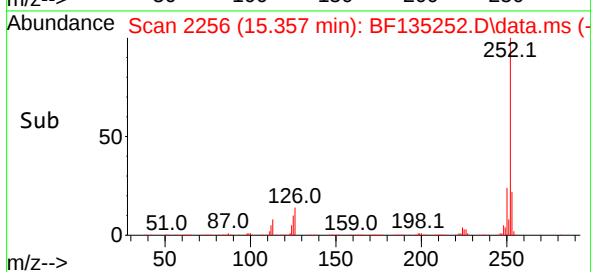
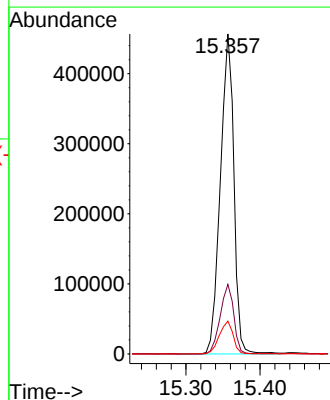
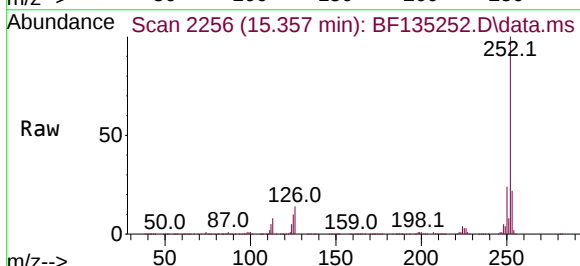
Tgt Ion:252 Resp: 578749

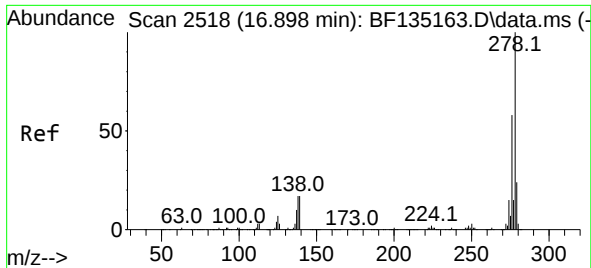
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.3 9.2 13.8

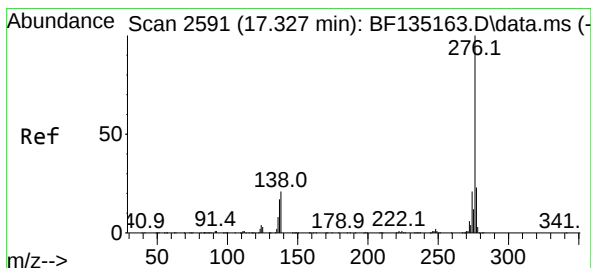
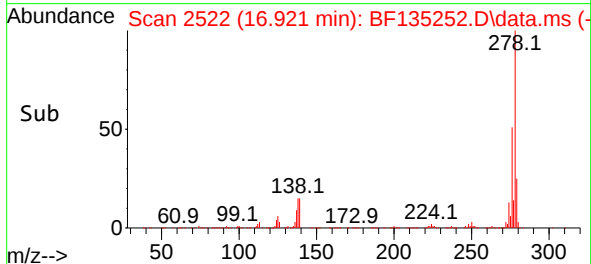
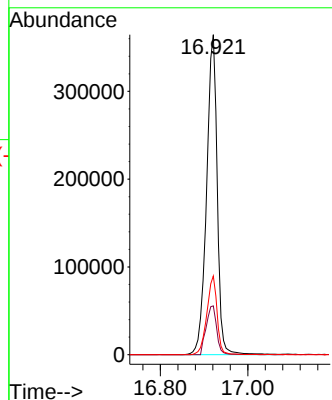
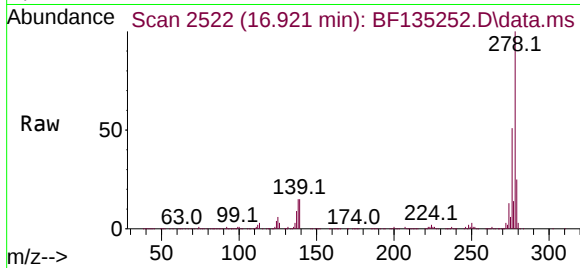




#91
Dibenzo(a,h)anthracene
Concen: 49.193 ng
RT: 16.921 min Scan# 2518
Delta R.T. 0.024 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

Instrument :
BNA_F
ClientSampleId :
PB154909BS

Tgt Ion:278 Resp: 620721
Ion Ratio Lower Upper
278 100
139 15.3 13.4 20.0
279 24.6 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 47.724 ng
RT: 17.350 min Scan# 2595
Delta R.T. 0.024 min
Lab File: BF135252.D
Acq: 14 Sep 2023 14:05

Tgt Ion:276 Resp: 628904
Ion Ratio Lower Upper
276 100
277 24.4 18.8 28.2
138 21.0 16.9 25.3

