

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090424\
 Data File : BF139243.D
 Acq On : 04 Sep 2024 16:47
 Operator : RC/JU
 Sample : PB163146BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163146BL

Quant Time: Sep 04 17:15:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

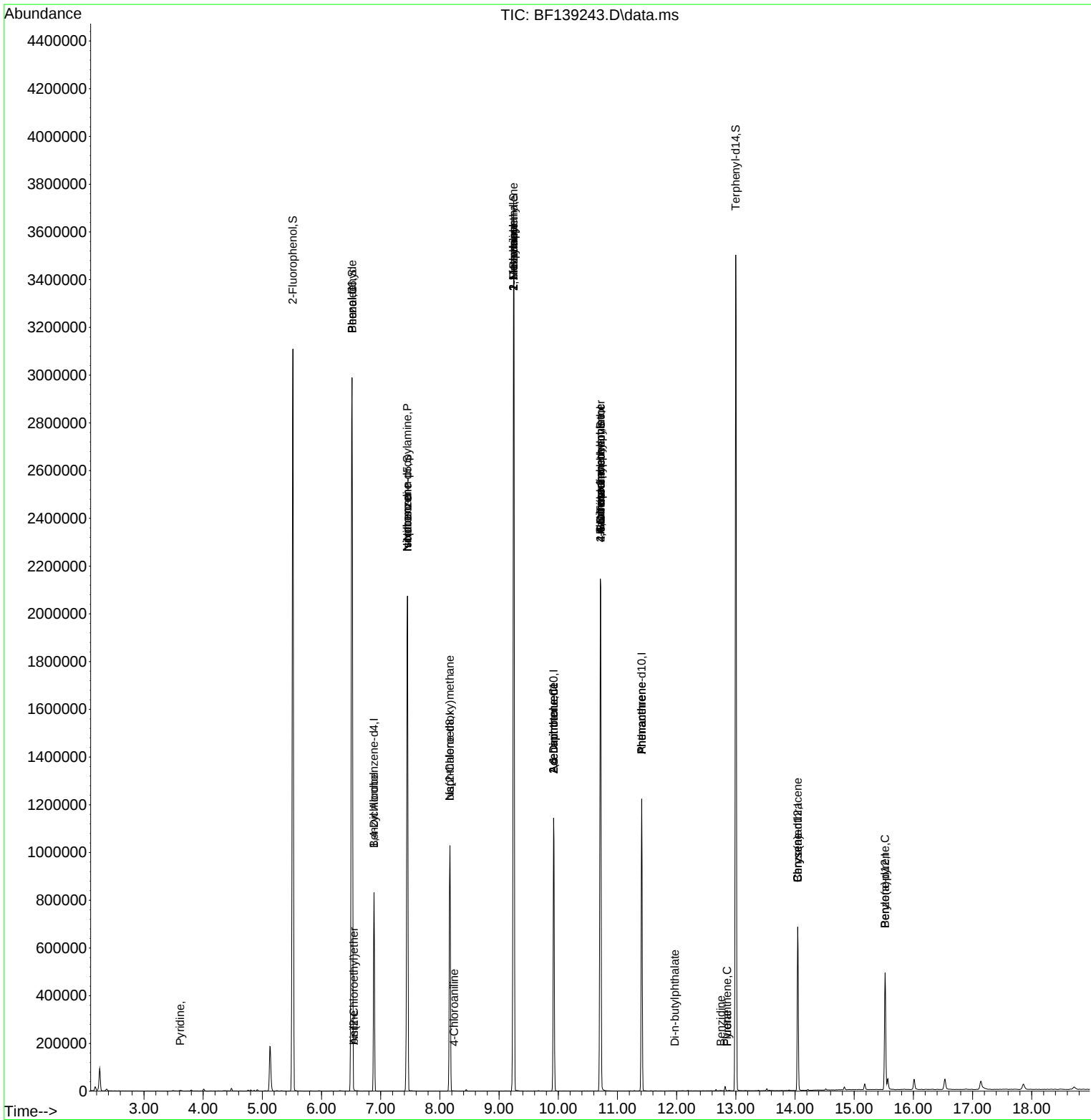
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

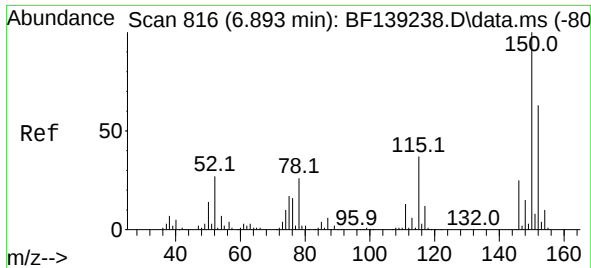
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	163472	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	613387	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	334345	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	630767	20.000	ng	0.00
76) Chrysene-d12	14.045	240	319494	20.000	ng	0.00
86) Perylene-d12	15.521	264	284486	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1130138	115.651	ng	0.01
7) Phenol-d6	6.516	99	1498069	114.835	ng	0.00
23) Nitrobenzene-d5	7.451	82	960817	81.489	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	345729	119.749	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1694189	78.219	ng	0.00
79) Terphenyl-d14	12.998	244	1738547	87.858	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.610	79	1891	0.172	ng	# 92
6) Aniline	6.546	93	1143	0.095	ng	# 75
9) Benzaldehyde	6.516	77	2531	0.321	ng	# 4
10) Phenol	6.516	94	397	0.029	ng	# 1
11) bis(2-Chloroethyl)ether	6.546	93	1143	0.116	ng	# 16
15) Benzyl Alcohol	6.887	79	5154	0.542	ng	# 32
19) n-Nitroso-di-n-propyla...	7.451	70	133384	17.753	ng	# 75
24) Nitrobenzene	7.451	77	3043	0.243	ng	# 40
25) Isophorone	7.451	82	957930	47.521	ng	# 67
28) bis(2-Chloroethoxy)met...	8.169	93	118	0.010	ng	# 1
33) 4-Chloroaniline	8.240	127	379	0.035	ng	# 43
38) 1-Methylnaphthalene	9.245	142	785	0.041	ng	# 79
46) 1,1'-Biphenyl	9.245	154	3056	0.123	ng	# 1
48) 2-Nitroaniline	9.245	65	3517	0.546	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	42062	9.149	ng	# 18
52) Acenaphthene	9.922	154	1169	0.063	ng	# 6
57) 2,4-Dinitrotoluene	9.922	165	42062	7.188	ng	# 18
58) Fluorene	10.710	166	14987	0.722	ng	# 85
63) Azobenzene	10.710	77	2033	0.097	ng	# 5
65) 4,6-Dinitro-2-methylph...	10.716	198	822	0.282	ng	# 1
66) n-Nitrosodiphenylamine	10.710	169	11868	0.646	ng	# 49
67) 4-Bromophenyl-phenylether	10.716	248	24268	3.965	ng	# 1
71) Phenanthrene	11.410	178	355	0.012	ng	# 1
72) Anthracene	11.410	178	355	0.012	ng	# 1
74) Di-n-butylphthalate	11.969	149	61	0.002	ng	# 78
75) Fluoranthene	12.851	202	328	0.011	ng	# 65
77) Benzidine	12.745	184	1516	0.236	ng	# 67
78) Pyrene	12.851	202	328	0.011	ng	# 58
81) Benzo(a)anthracene	14.045	228	899	0.044	ng	# 58
83) Chrysene	14.045	228	899	0.047	ng	# 56
90) Benzo(a)pyrene	15.521	252	941	0.068	ng	# 83

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

PB163146BL

Response via : Initial Calibration

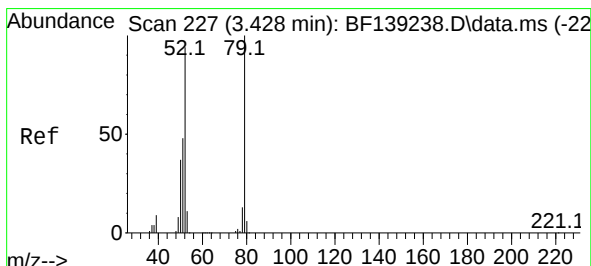
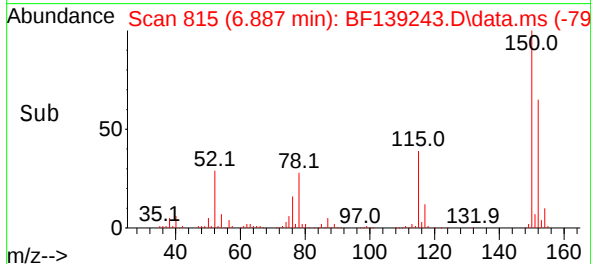
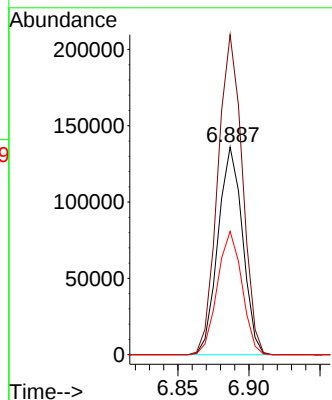
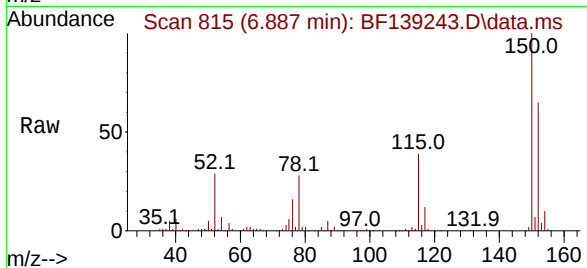




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139243.D
Acq: 04 Sep 2024 16:47

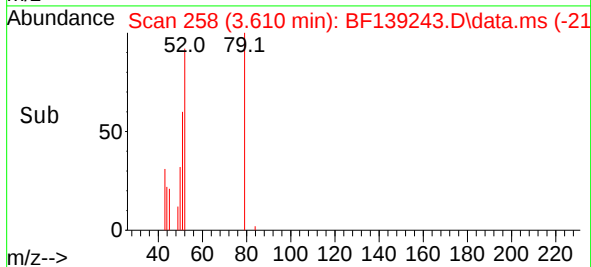
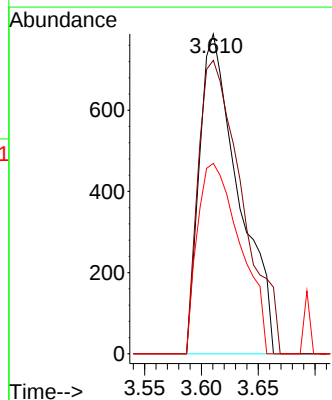
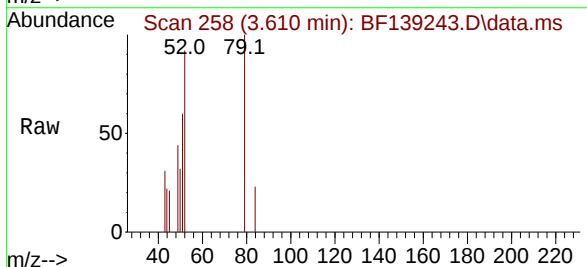
Instrument :
BNA_F
ClientSampleId :
PB163146BL

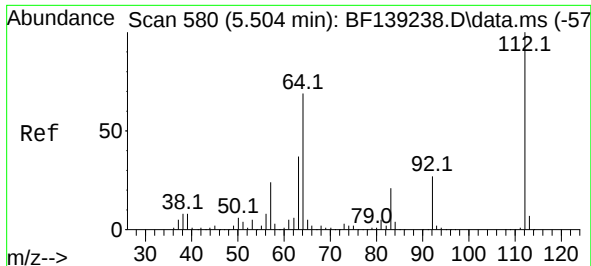
Tgt Ion:152 Resp: 163472
Ion Ratio Lower Upper
152 100
150 154.0 127.0 190.4
115 59.4 46.9 70.3



#3
Pyridine
Concen: 0.172 ng
RT: 3.610 min Scan# 258
Delta R.T. 0.182 min
Lab File: BF139243.D
Acq: 04 Sep 2024 16:47

Tgt Ion: 79 Resp: 1891
Ion Ratio Lower Upper
79 100
52 91.8 75.3 112.9
51 59.5 38.2 57.2#

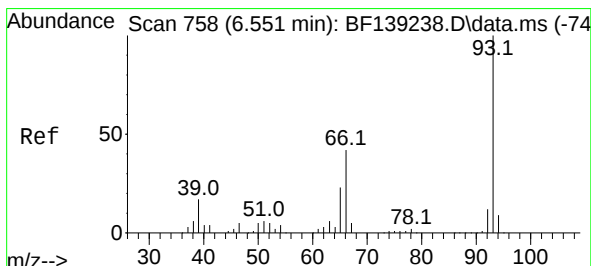
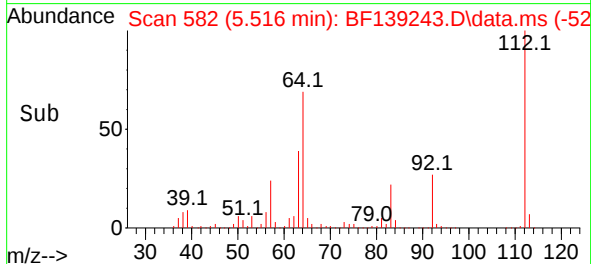
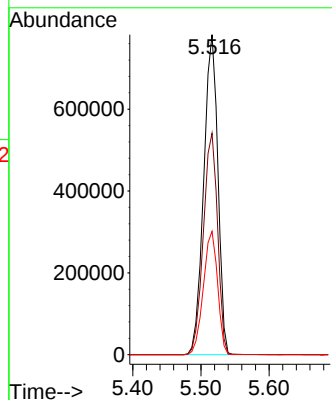
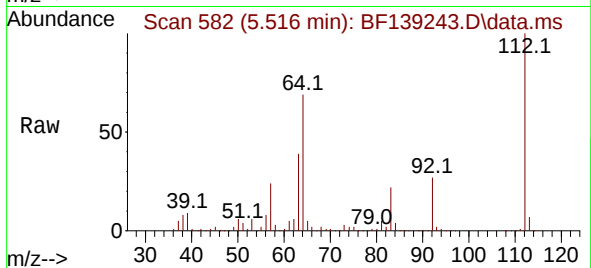




#5
2-Fluorophenol
Concen: 115.651 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF139243.D
Acq: 04 Sep 2024 16:47

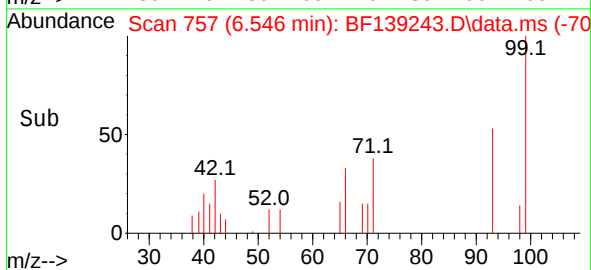
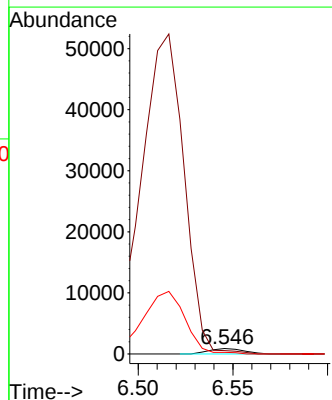
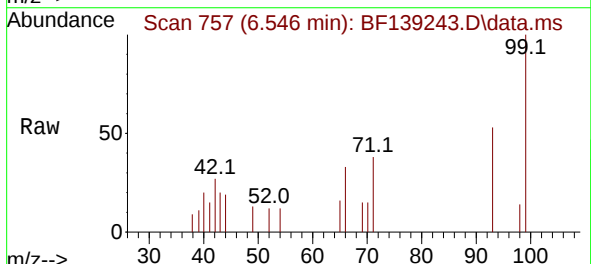
Instrument :
BNA_F
ClientSampleId :
PB163146BL

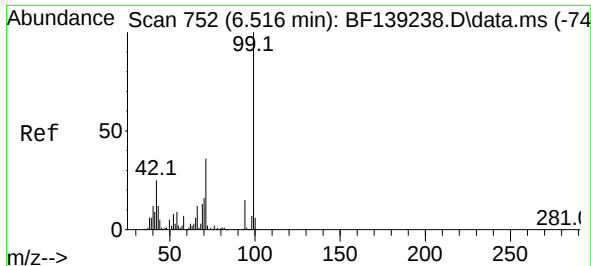
Tgt Ion:112 Resp: 1130138
Ion Ratio Lower Upper
112 100
64 69.2 55.0 82.4
63 38.5 29.9 44.9



#6
Aniline
Concen: 0.095 ng
RT: 6.546 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF139243.D
Acq: 04 Sep 2024 16:47

Tgt Ion: 93 Resp: 1143
Ion Ratio Lower Upper
93 100
66 62.4 34.4 51.6#
65 30.2 18.2 27.4#

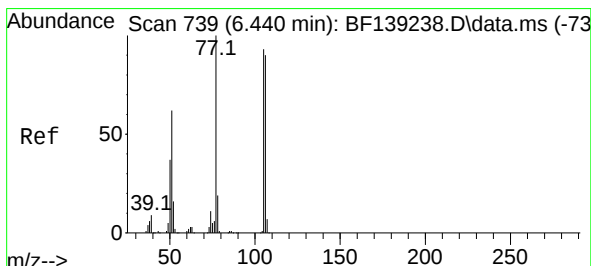
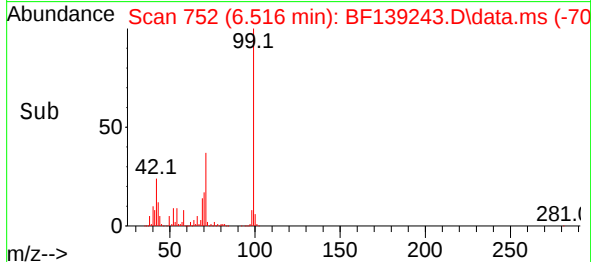
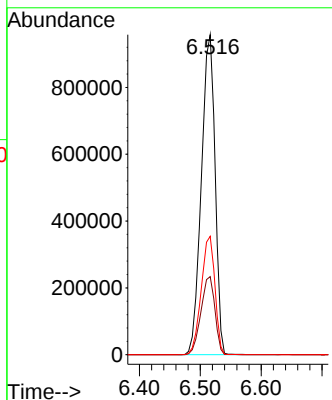
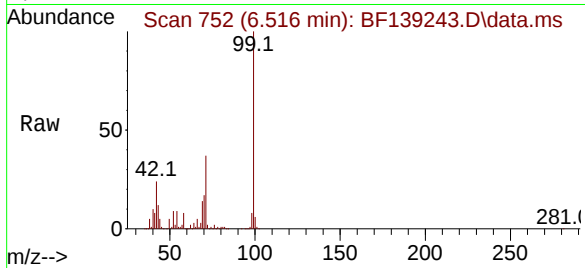




#7
Phenol-d6
Concen: 114.835 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF139243.D
Acq: 04 Sep 2024 16:47

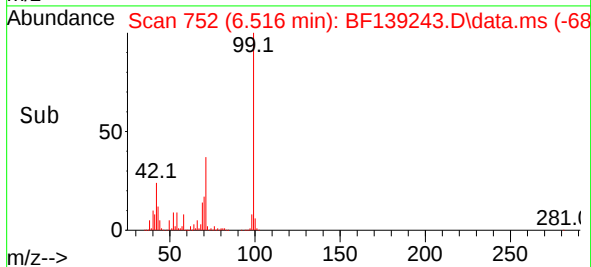
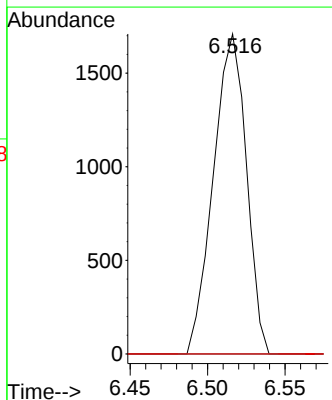
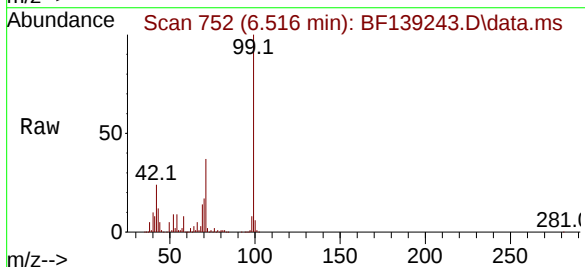
Instrument :
BNA_F
ClientSampleId :
PB163146BL

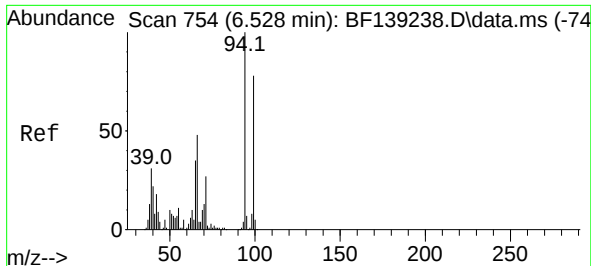
Tgt Ion: 99 Resp: 1498069
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.6
71 37.0 28.8 43.2



#9
Benzaldehyde
Concen: 0.321 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.076 min
Lab File: BF139243.D
Acq: 04 Sep 2024 16:47

Tgt Ion: 77 Resp: 2531
Ion Ratio Lower Upper
77 100
105 0.0 72.9 112.9#
106 0.0 69.6 109.6#





#10

Phenol

Concen: 0.029 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.012 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

Instrument :

BNA_F

ClientSampleId :

PB163146BL

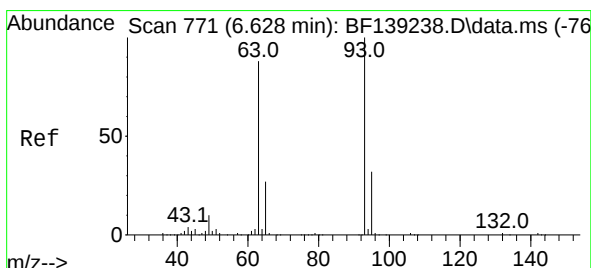
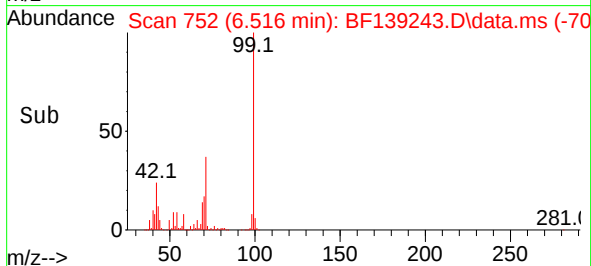
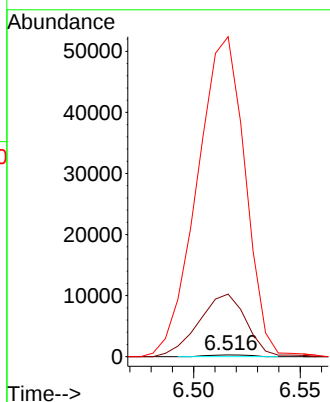
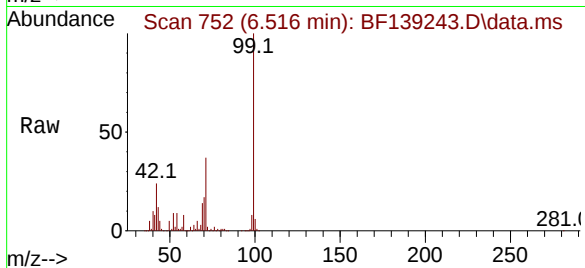
Tgt Ion: 94 Resp: 397

Ion Ratio Lower Upper

94 100

65 3610.9 14.7 54.7#

66 18450.7 28.5 68.5#



#11

bis(2-Chloroethyl)ether

Concen: 0.116 ng

RT: 6.546 min Scan# 757

Delta R.T. -0.082 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

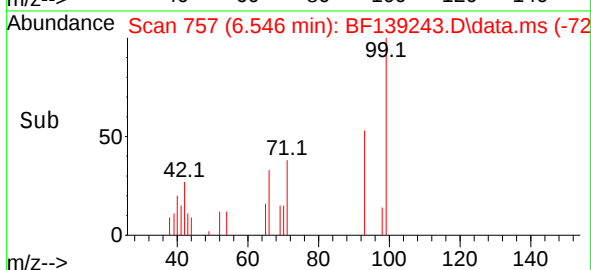
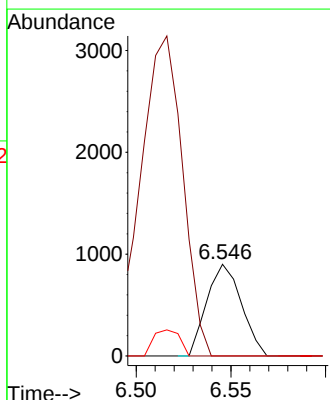
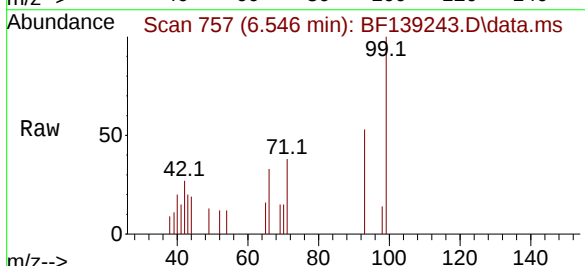
Tgt Ion: 93 Resp: 1143

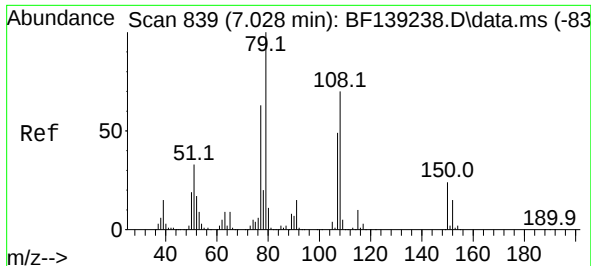
Ion Ratio Lower Upper

93 100

63 0.0 67.1 107.1#

95 0.0 12.2 52.2#





#15

Benzyl Alcohol

Concen: 0.542 ng

RT: 6.887 min Scan# 815

Delta R.T. -0.141 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

Instrument :

BNA_F

ClientSampleId :

PB163146BL

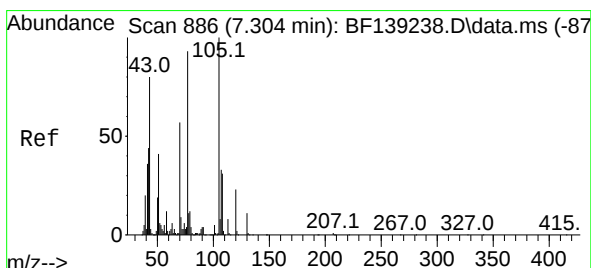
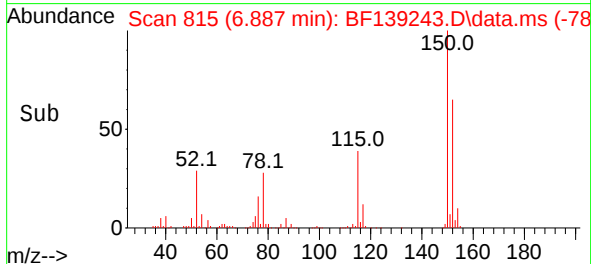
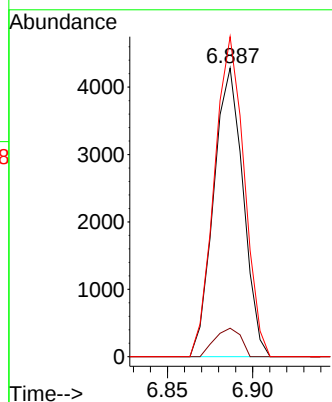
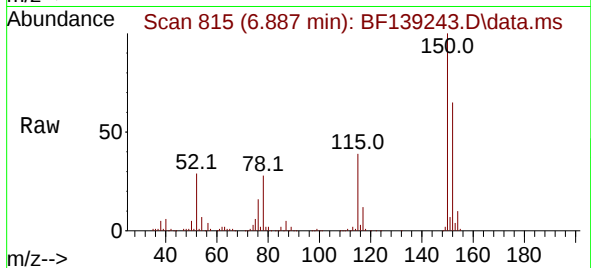
Tgt Ion: 79 Resp: 5154

Ion Ratio Lower Upper

79 100

108 9.9 56.1 84.1#

77 110.9 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 17.753 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.147 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

Tgt Ion: 70 Resp: 133384

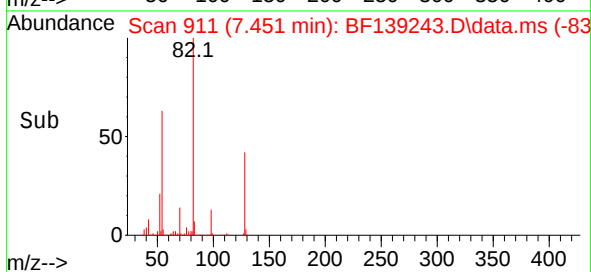
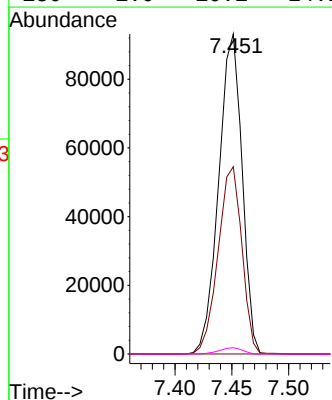
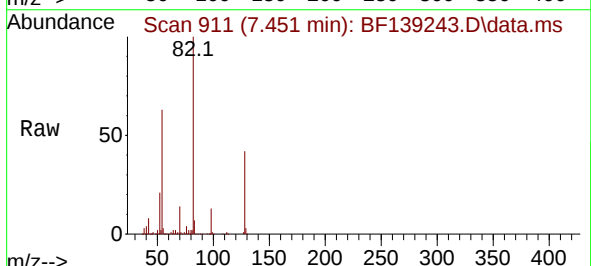
Ion Ratio Lower Upper

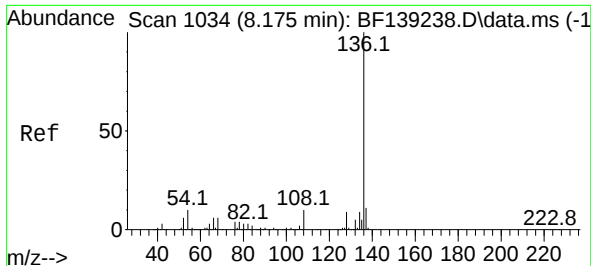
70 100

42 58.5 61.0 91.6#

101 0.0 7.2 10.8#

130 1.9 16.1 24.1#

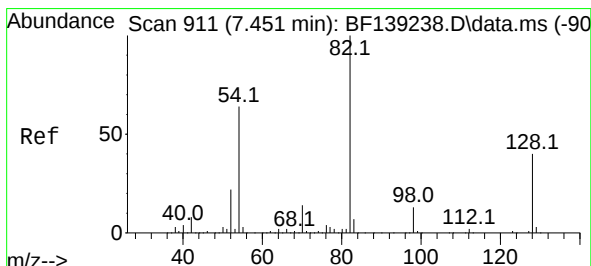
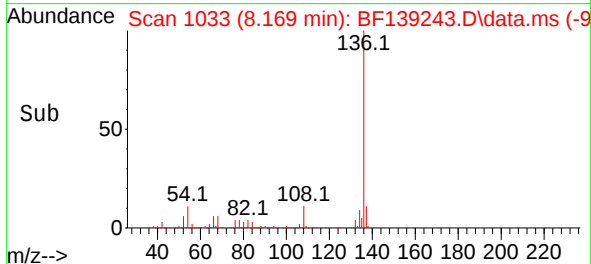
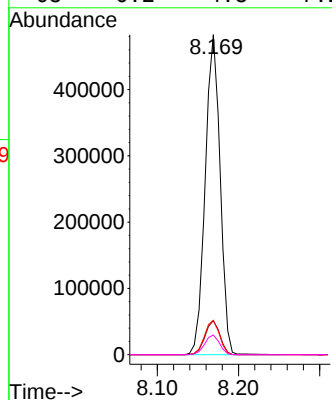
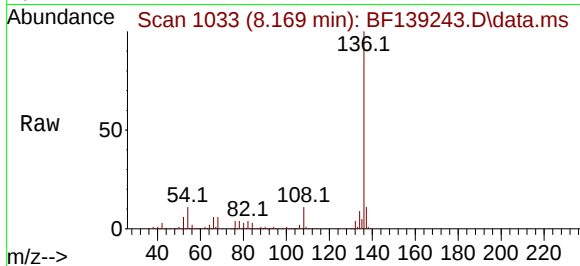




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139243.D
Acq: 04 Sep 2024 16:47

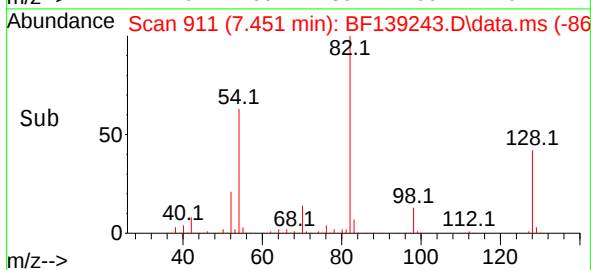
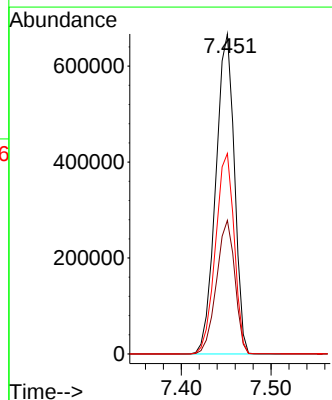
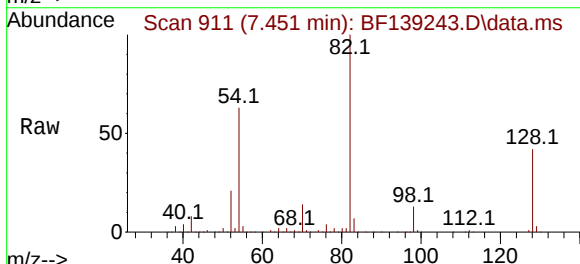
Instrument :
BNA_F
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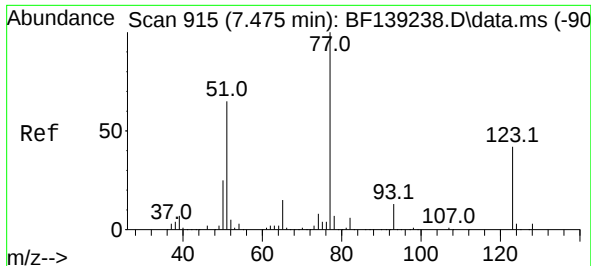
Tgt Ion:136 Resp: 613387
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 10.8 8.4 12.6
68 6.2 4.8 7.2



#23
Nitrobenzene-d5
Concen: 81.489 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139243.D
Acq: 04 Sep 2024 16:47

Tgt Ion: 82 Resp: 960817
Ion Ratio Lower Upper
82 100
128 41.7 32.3 48.5
54 62.6 51.2 76.8





#24

Nitrobenzene

Concen: 0.243 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.024 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

Instrument :

BNA_F

ClientSampleId :

PB163146BL

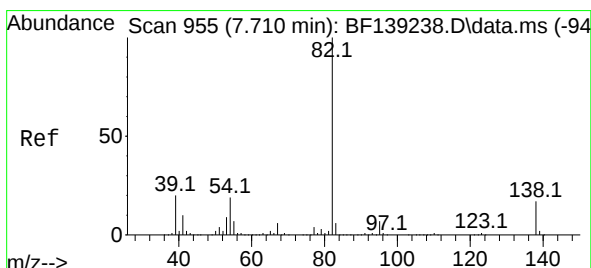
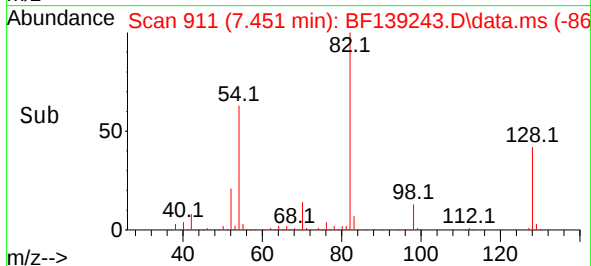
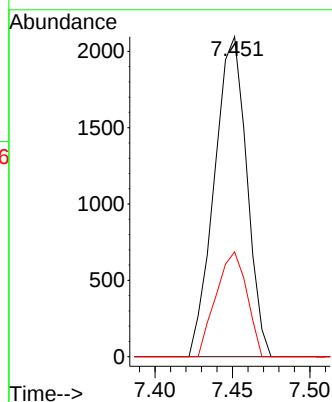
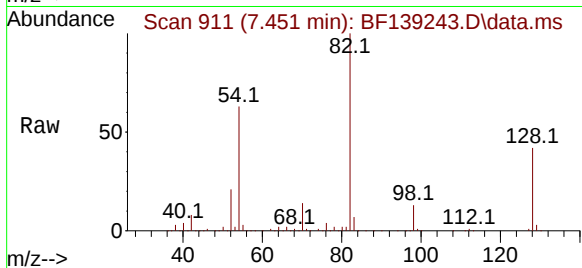
Tgt Ion: 77 Resp: 3043

Ion Ratio Lower Upper

77 100

123 0.0 34.0 51.0#

65 32.7 12.1 18.1#



#25

Isophorone

Concen: 47.521 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.259 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

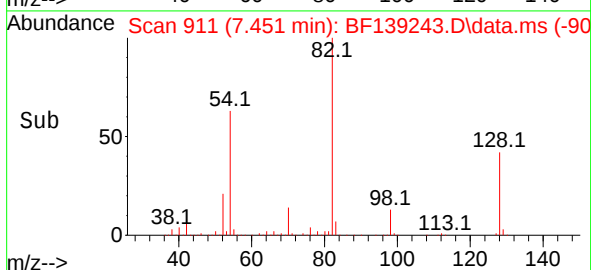
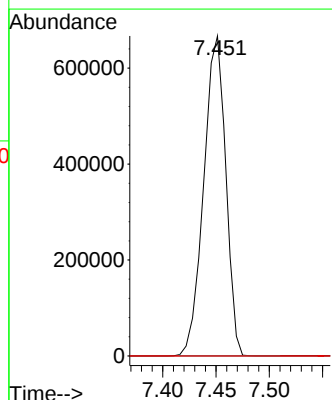
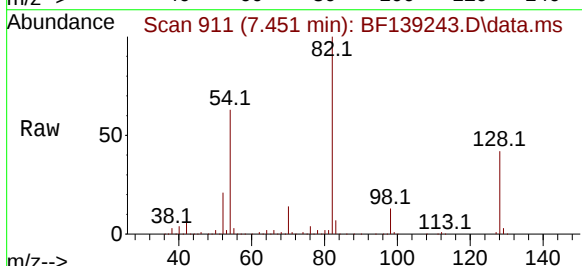
Tgt Ion: 82 Resp: 957930

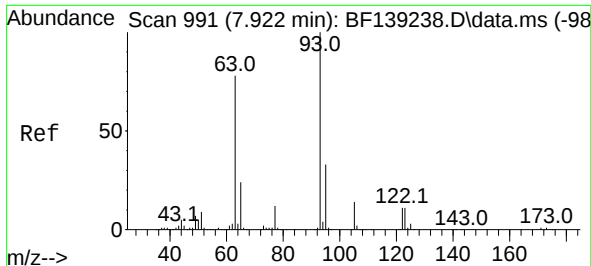
Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 13.4 20.0#

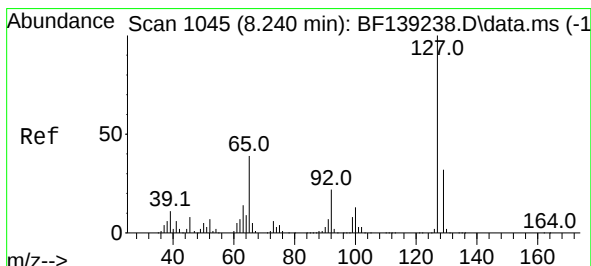
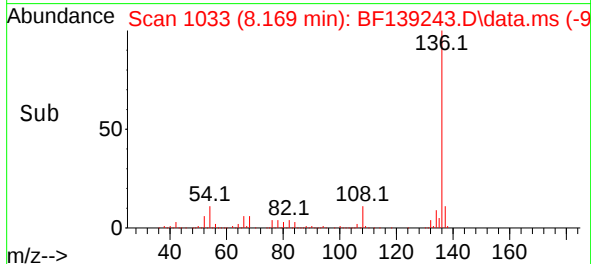
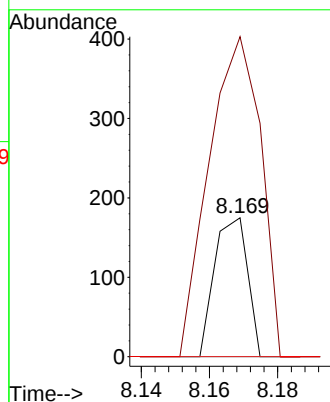
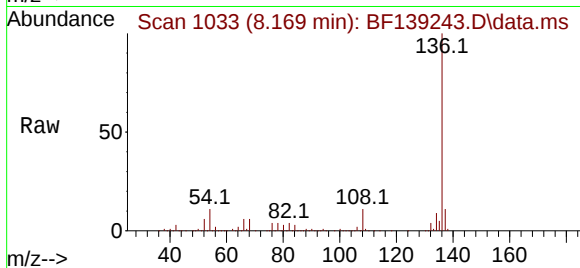




#28
bis(2-Chloroethoxy)methane
Concen: 0.010 ng
RT: 8.169 min Scan# 1033
Delta R.T. 0.247 min
Lab File: BF139243.D
Acq: 04 Sep 2024 16:47

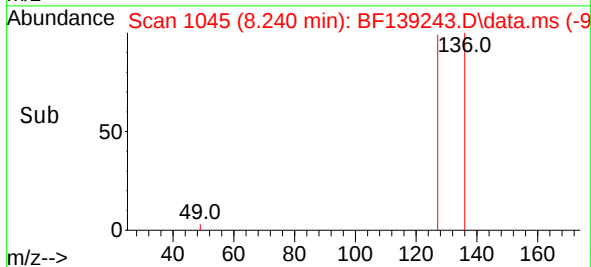
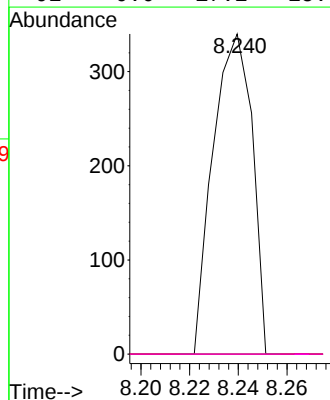
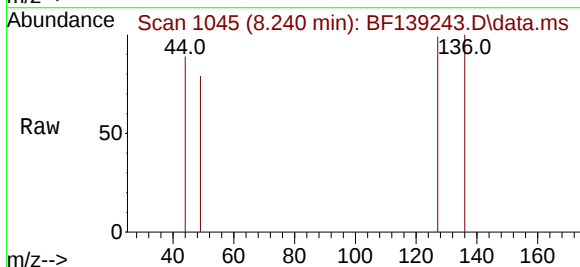
Instrument :
BNA_F
ClientSampleId :
PB163146BL

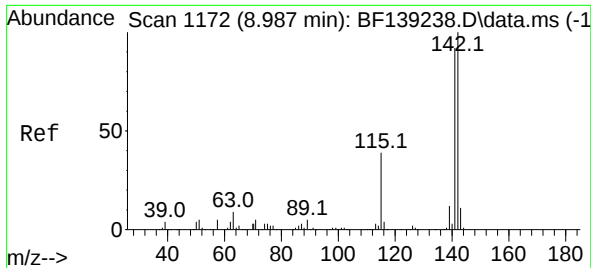
Tgt Ion: 93 Resp: 118
Ion Ratio Lower Upper
93 100
95 230.3 26.6 40.0#
123 0.0 9.6 14.4#



#33
4-Chloroaniline
Concen: 0.035 ng
RT: 8.240 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BF139243.D
Acq: 04 Sep 2024 16:47

Tgt Ion: 127 Resp: 379
Ion Ratio Lower Upper
127 100
129 0.0 25.8 38.6#
65 0.0 30.6 45.8#
92 0.0 17.2 25.8#





#38

1-Methylnaphthalene

Concen: 0.041 ng

RT: 9.245 min Scan# 1172

Delta R.T. 0.259 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

Instrument :

BNA_F

ClientSampleId :

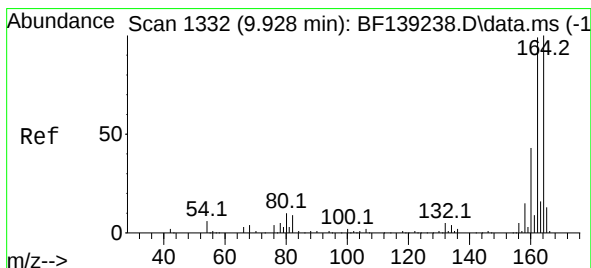
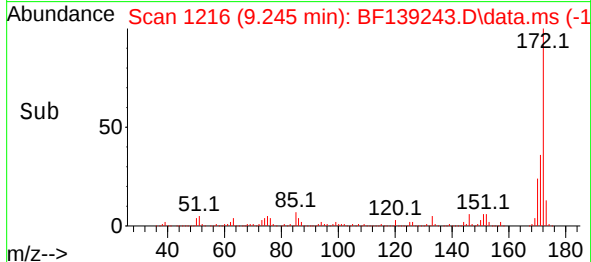
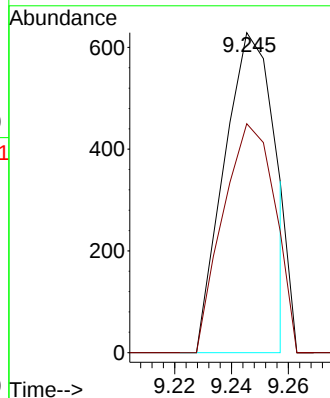
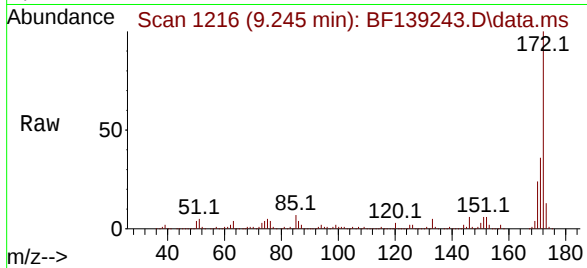
PB163146BL

Tgt Ion:142 Resp: 785

Ion Ratio Lower Upper

142 100

141 71.5 73.5 110.3#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

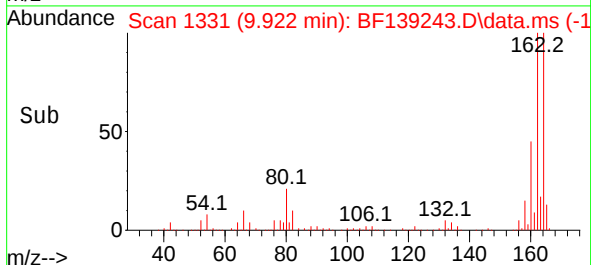
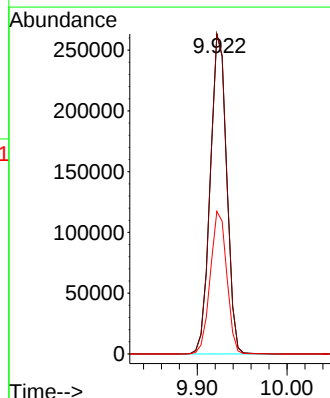
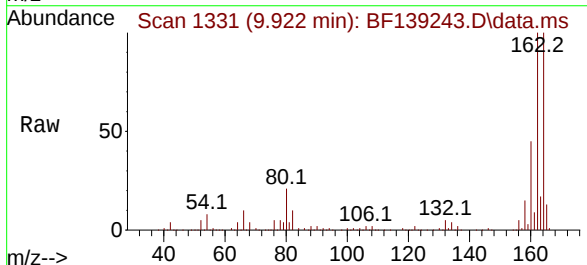
Tgt Ion:164 Resp: 334345

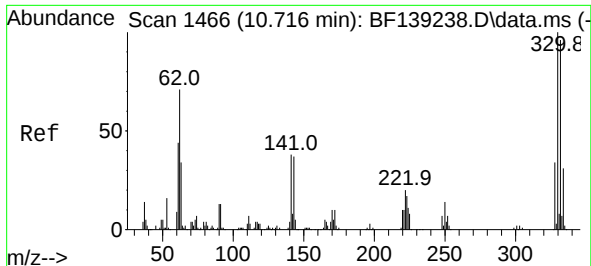
Ion Ratio Lower Upper

164 100

162 100.0 79.2 118.8

160 44.5 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 119.749 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BF139243.D

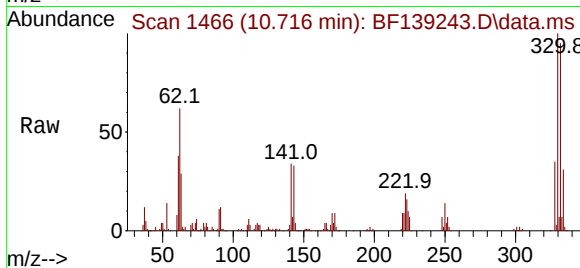
Acq: 04 Sep 2024 16:47

Instrument :

BNA_F

ClientSampleId :

PB163146BL



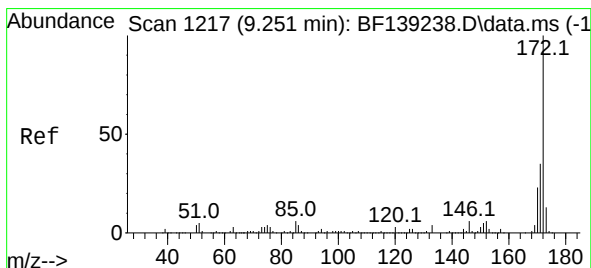
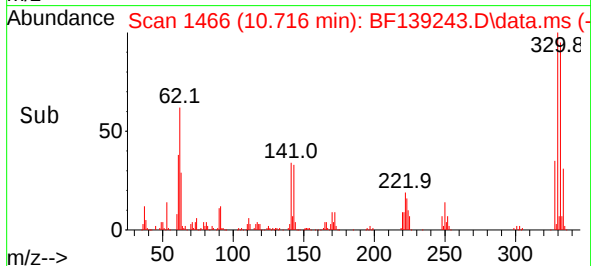
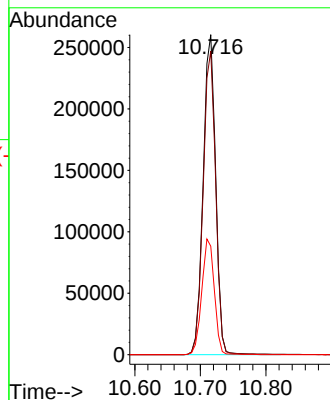
Tgt Ion:330 Resp: 345729

Ion Ratio Lower Upper

330 100

332 95.2 76.6 115.0

141 36.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 78.219 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

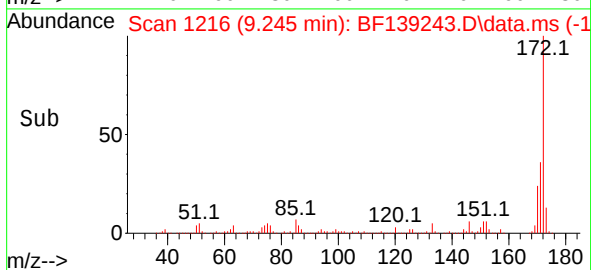
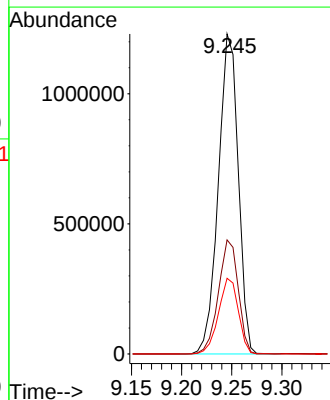
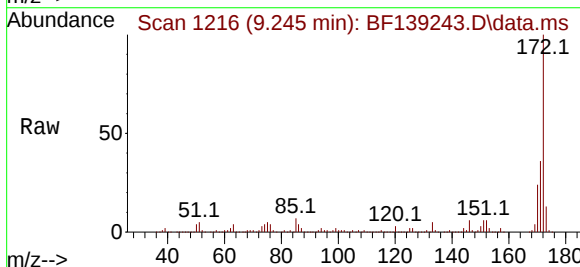
Tgt Ion:172 Resp: 1694189

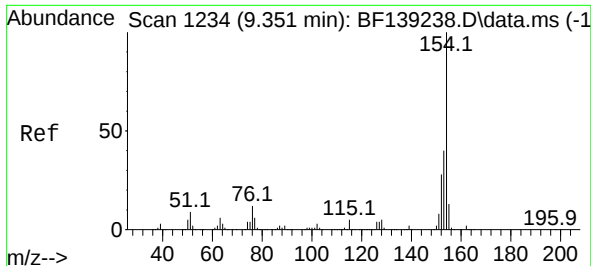
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.6 18.7 28.1





#46

1,1'-Biphenyl

Concen: 0.123 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.106 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

Instrument :

BNA_F

ClientSampleId :

PB163146BL

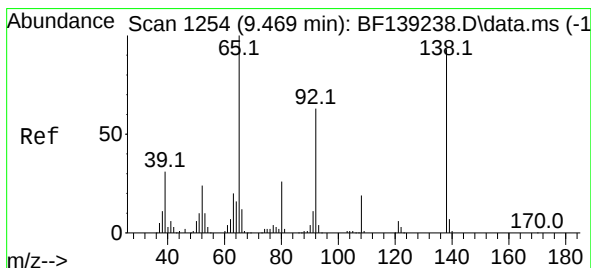
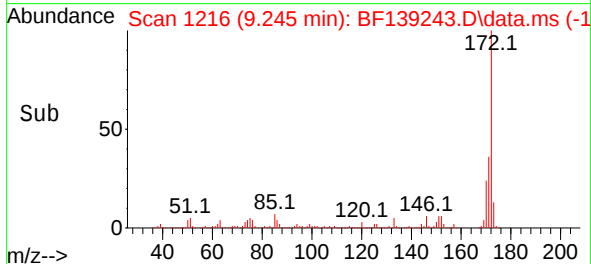
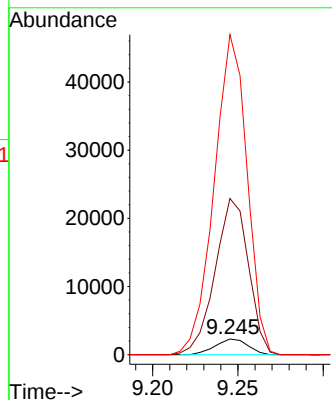
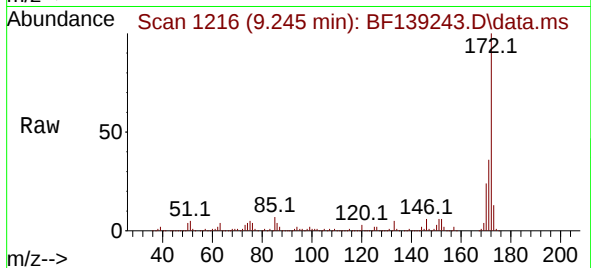
Tgt Ion:154 Resp: 3056

Ion Ratio Lower Upper

154 100

153 993.2 20.1 60.1#

76 2034.5 0.0 32.3#



#48

2-Nitroaniline

Concen: 0.546 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.224 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

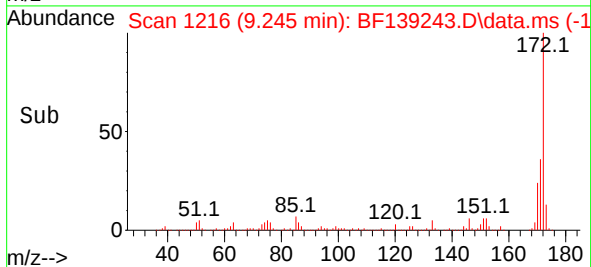
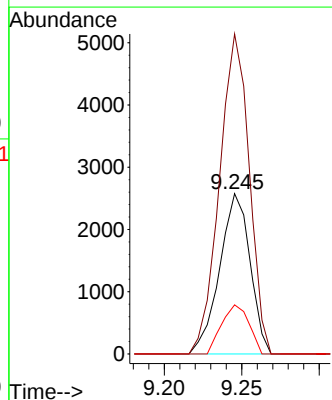
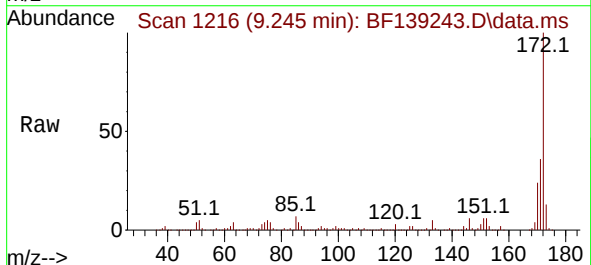
Tgt Ion: 65 Resp: 3517

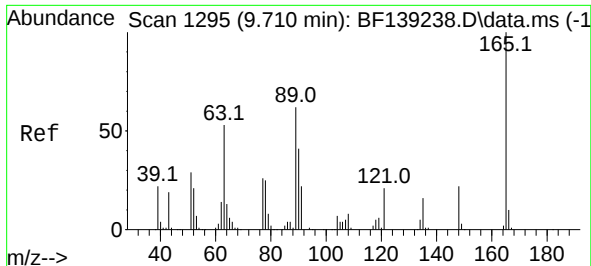
Ion Ratio Lower Upper

65 100

92 199.6 50.4 75.6#

138 30.7 74.2 111.4#





#51

2,6-Dinitrotoluene

Concen: 9.149 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.212 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

Instrument :

BNA_F

ClientSampleId :

PB163146BL

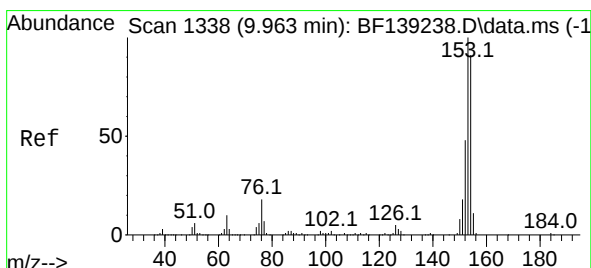
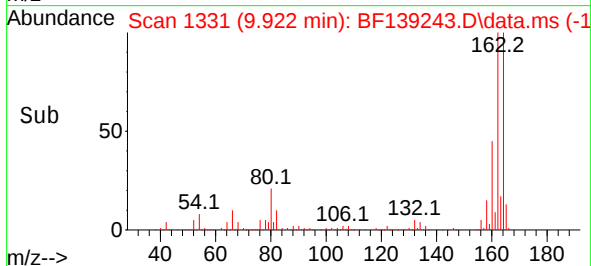
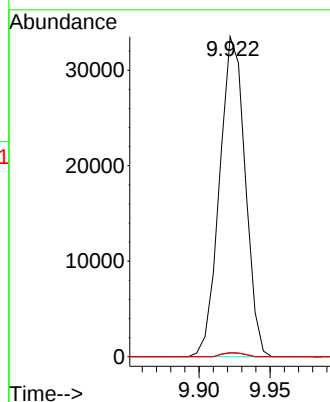
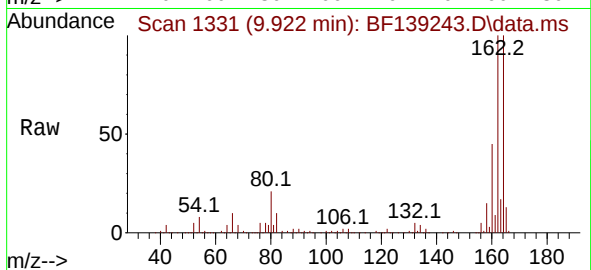
Tgt Ion:165 Resp: 42062

Ion Ratio Lower Upper

165 100

63 1.2 56.1 84.1#

89 1.3 49.7 74.5#



#52

Acenaphthene

Concen: 0.063 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.041 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

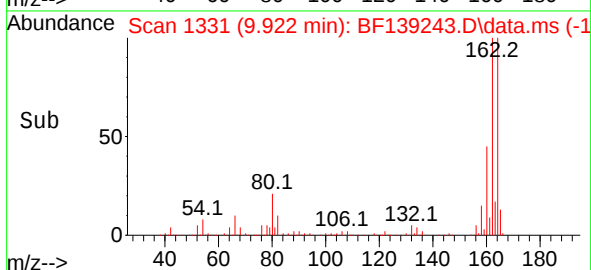
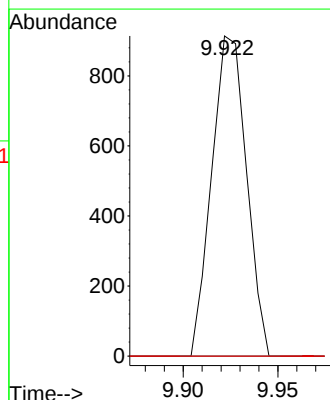
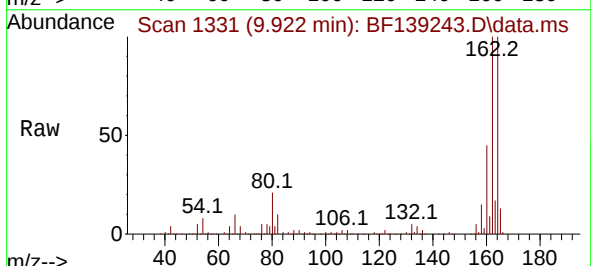
Tgt Ion:154 Resp: 1169

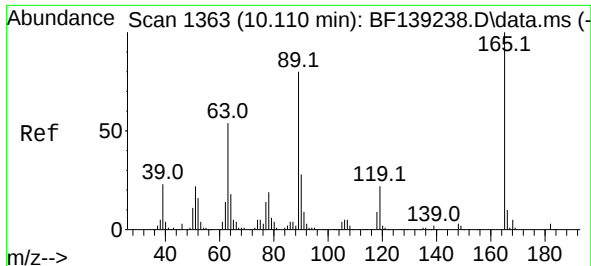
Ion Ratio Lower Upper

154 100

153 0.0 87.8 131.6#

152 0.0 41.7 62.5#

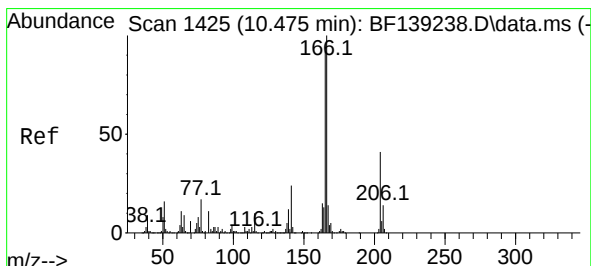
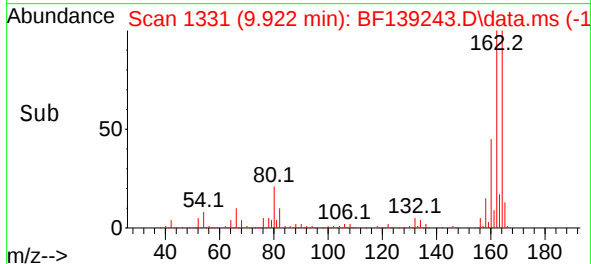
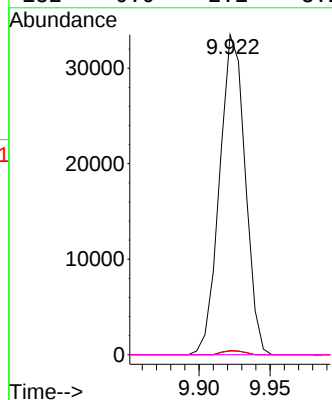
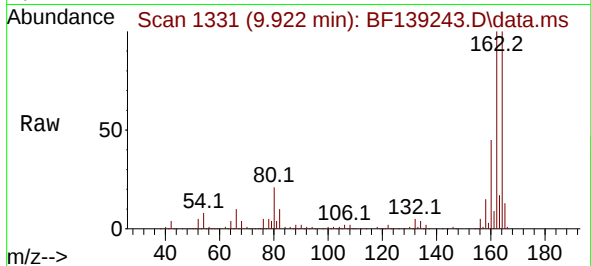




#57
2,4-Dinitrotoluene
Concen: 7.188 ng
RT: 9.922 min Scan# 1465
Delta R.T. -0.188 min
Lab File: BF139243.D
Acq: 04 Sep 2024 16:47

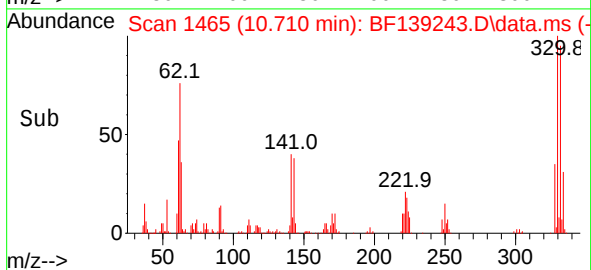
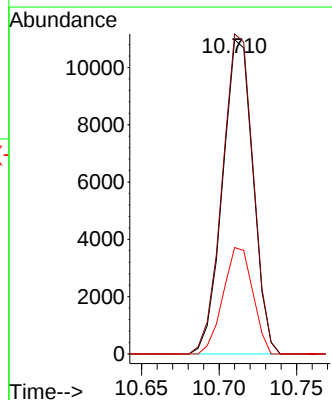
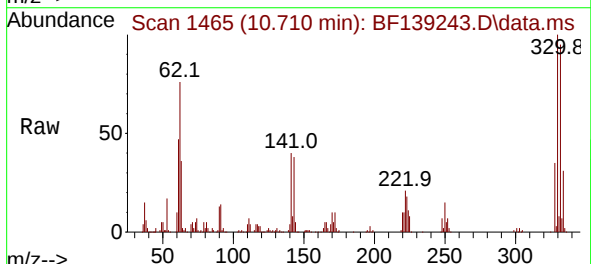
Instrument :
BNA_F
ClientSampleId :
PB163146BL

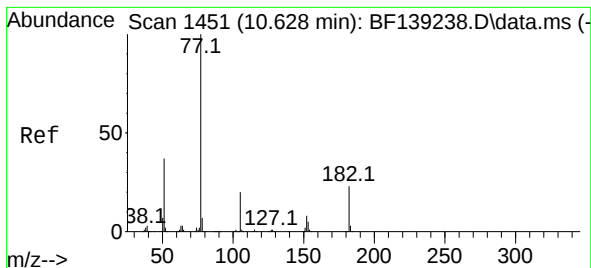
Tgt Ion:165 Resp: 42062
Ion Ratio Lower Upper
165 100
63 1.2 43.4 65.0#
89 1.3 64.2 96.4#
182 0.0 2.1 3.1#



#58
Fluorene
Concen: 0.722 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.235 min
Lab File: BF139243.D
Acq: 04 Sep 2024 16:47

Tgt Ion:166 Resp: 14987
Ion Ratio Lower Upper
166 100
165 101.8 73.7 110.5
167 33.9 10.9 16.3#





#63

Azobenzene

Concen: 0.097 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.082 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

Instrument :

BNA_F

ClientSampleId :

PB163146BL

Tgt Ion: 77 Resp: 2033

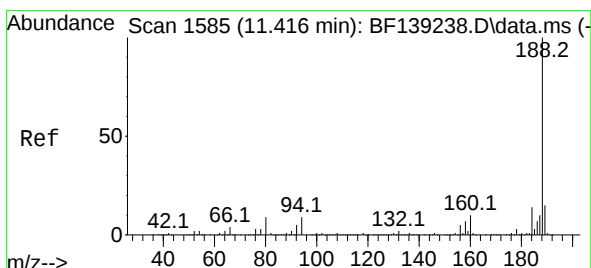
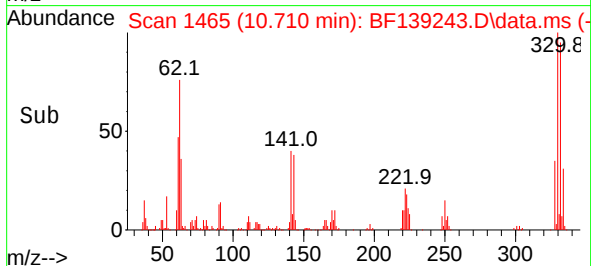
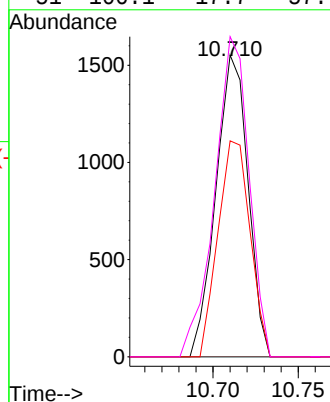
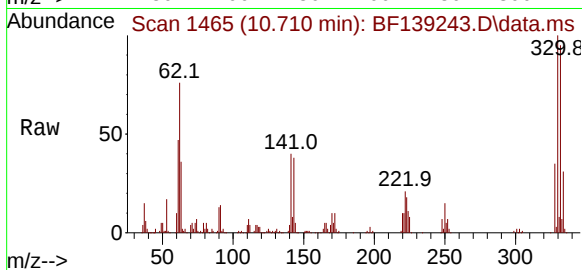
Ion Ratio Lower Upper

77 100

182 0.0 3.0 43.0#

105 71.6 0.0 39.4#

51 106.1 17.7 57.7#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

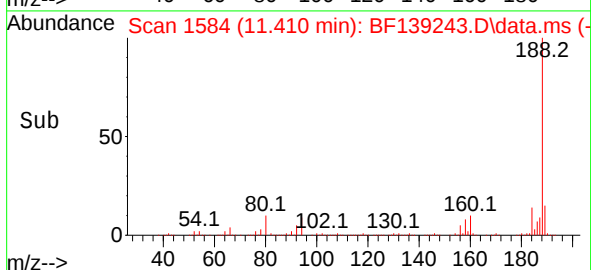
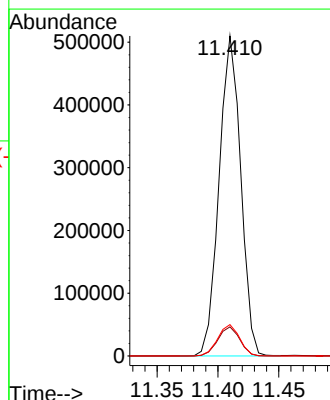
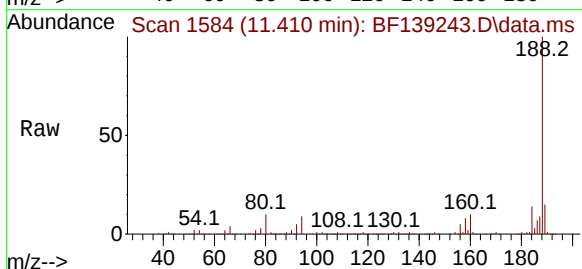
Tgt Ion:188 Resp: 630767

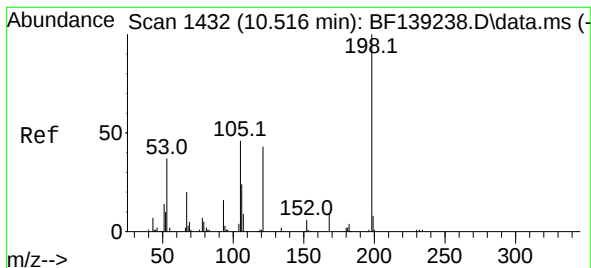
Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

80 9.8 7.3 10.9

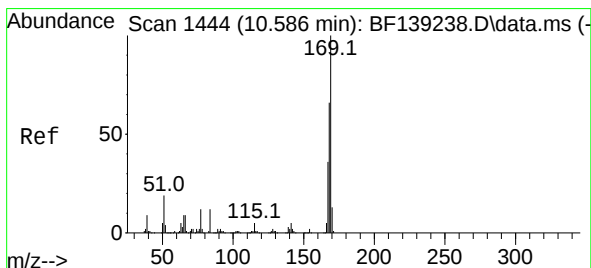
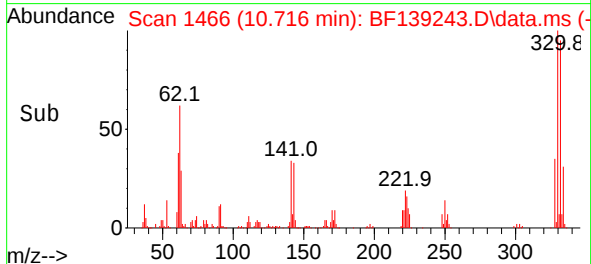
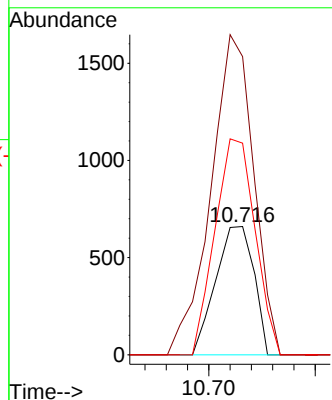
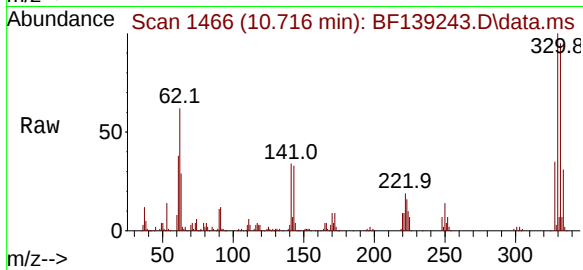




#65
4,6-Dinitro-2-methylphenol
Concen: 0.282 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.200 min
Lab File: BF139243.D
Acq: 04 Sep 2024 16:47

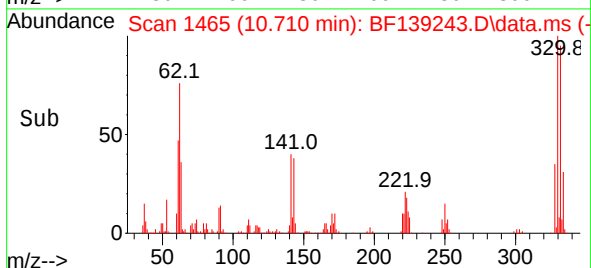
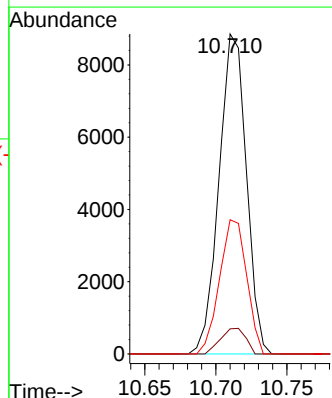
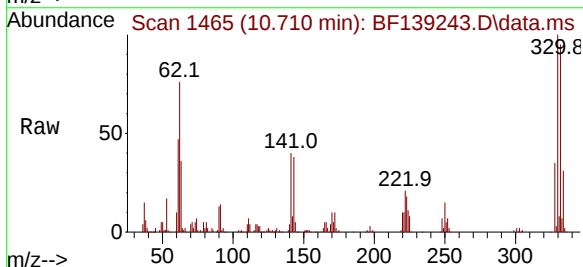
Instrument :
BNA_F
ClientSampleId :
PB163146BL

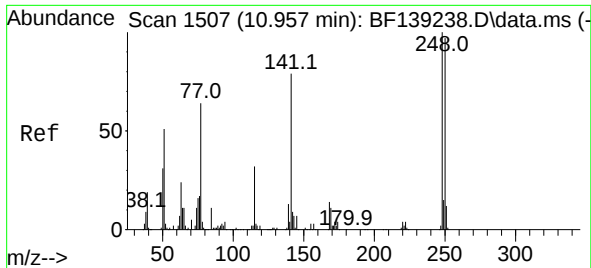
Tgt Ion:198 Resp: 822
Ion Ratio Lower Upper
198 100
51 232.4 47.2 87.2#
105 165.0 27.1 67.1#



#66
n-Nitrosodiphenylamine
Concen: 0.646 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.123 min
Lab File: BF139243.D
Acq: 04 Sep 2024 16:47

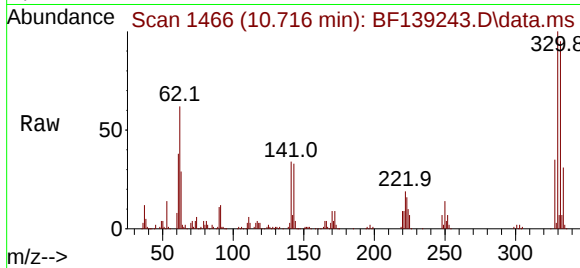
Tgt Ion:169 Resp: 11868
Ion Ratio Lower Upper
169 100
168 7.9 53.0 79.6#
167 41.9 29.0 43.6



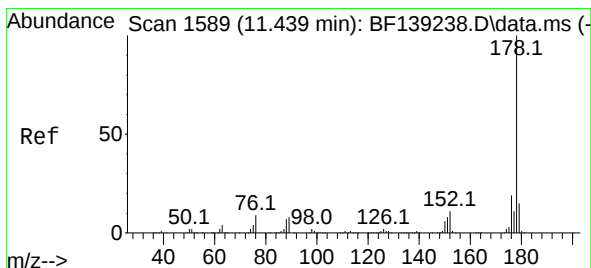
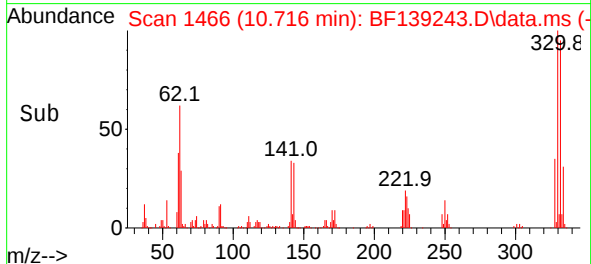
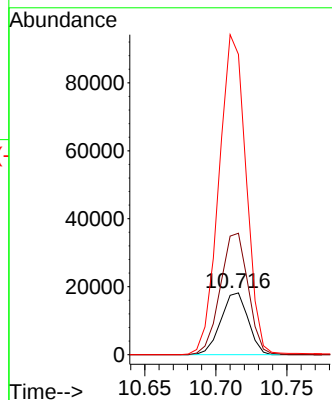


#67
4-Bromophenyl-phenylether
Concen: 3.965 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.241 min
Lab File: BF139243.D
Acq: 04 Sep 2024 16:47

Instrument :
BNA_F
ClientSampleId :
PB163146BL

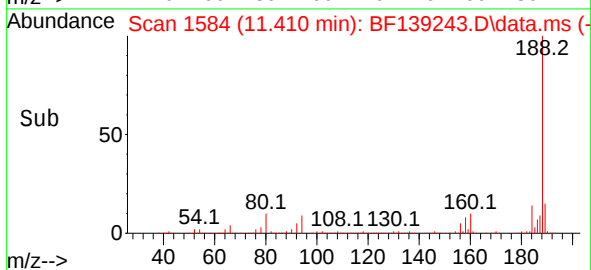
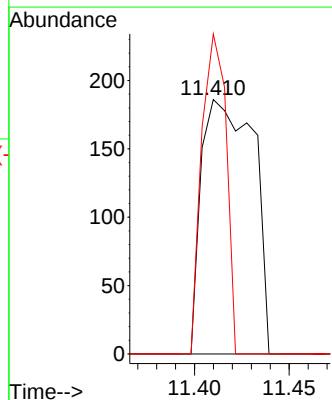
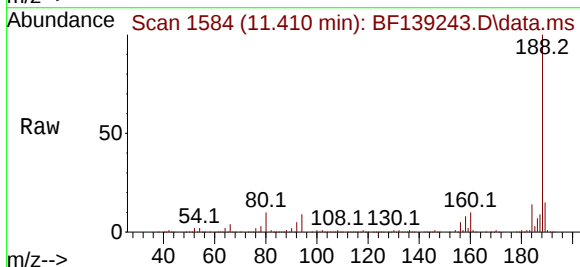


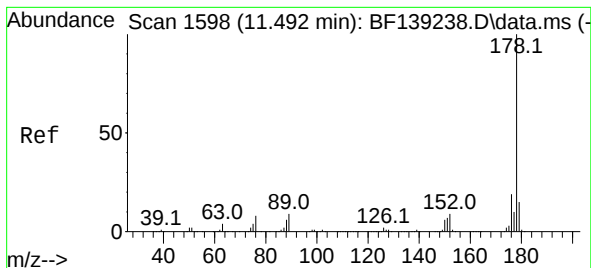
Tgt Ion:248 Resp: 24268
Ion Ratio Lower Upper
248 100
250 196.4 77.2 115.8#
141 485.7 63.6 95.4#



#71
Phenanthrene
Concen: 0.012 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.029 min
Lab File: BF139243.D
Acq: 04 Sep 2024 16:47

Tgt Ion:178 Resp: 355
Ion Ratio Lower Upper
178 100
176 0.0 15.4 23.0#
179 125.8 12.3 18.5#





#72

Anthracene

Concen: 0.012 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.082 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

Instrument :

BNA_F

ClientSampleId :

PB163146BL

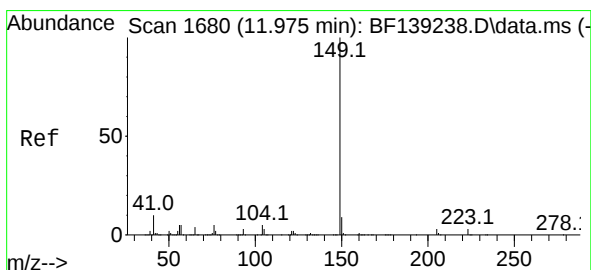
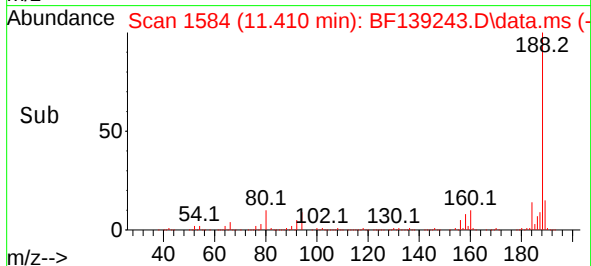
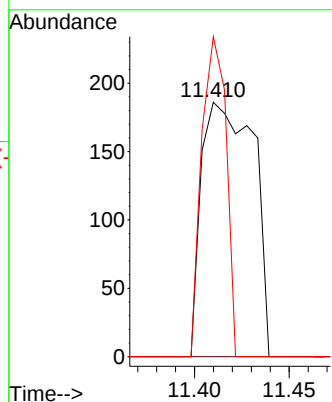
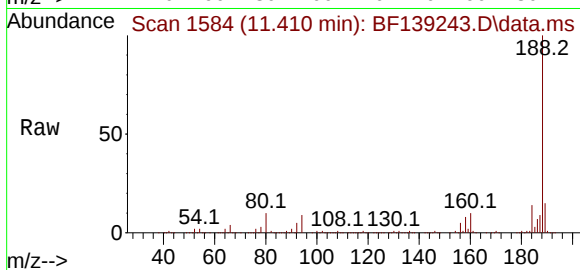
Tgt Ion:178 Resp: 355

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

179 125.8 12.3 18.5#



#74

Di-n-butylphthalate

Concen: 0.002 ng

RT: 11.969 min Scan# 1679

Delta R.T. -0.006 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

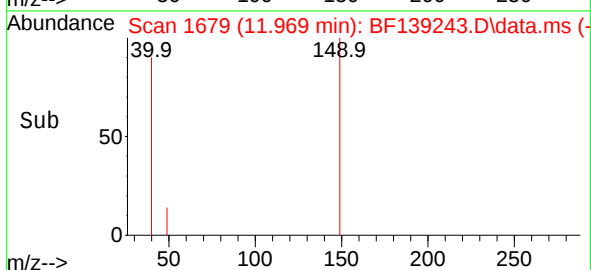
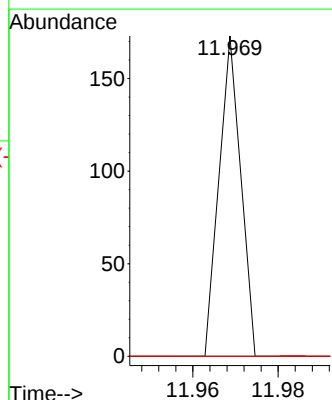
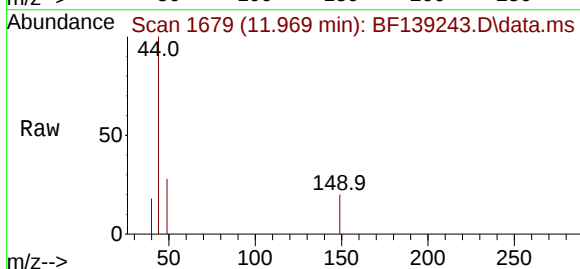
Tgt Ion:149 Resp: 61

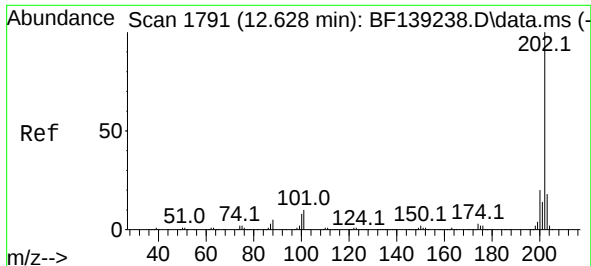
Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

104 0.0 3.9 5.9#





#75

Fluoranthene

Concen: 0.011 ng

RT: 12.851 min Scan# 11

Delta R.T. 0.223 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

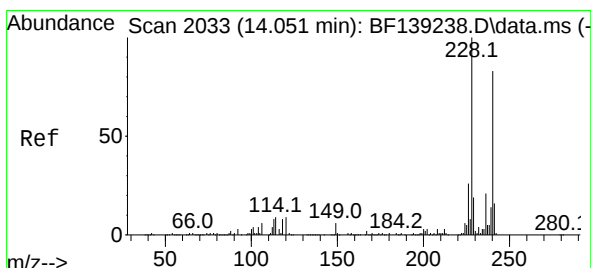
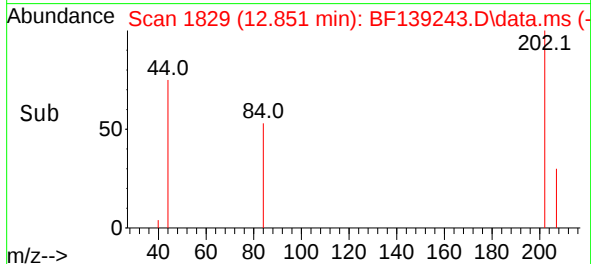
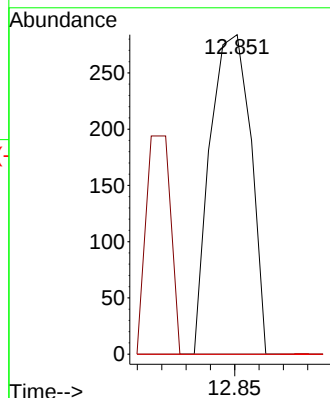
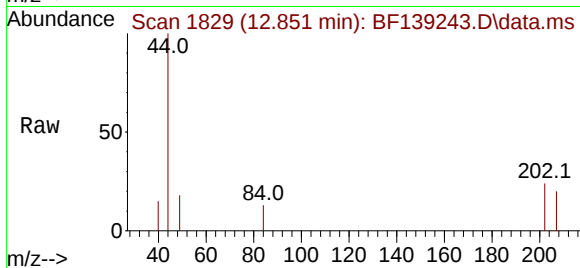
Instrument :

BNA_F

ClientSampleId :

PB163146BL

Tgt Ion:202	Resp:	328
Ion Ratio	Lower	Upper
202	100	
101	0.0	0.0 29.9
203	0.0	0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

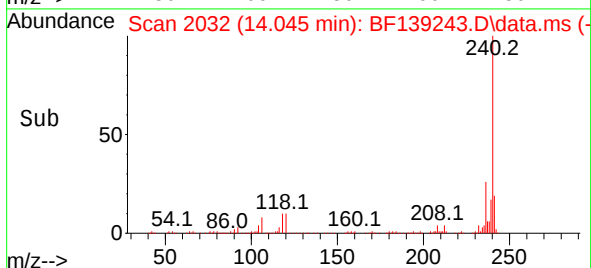
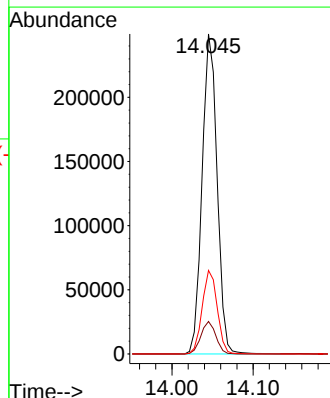
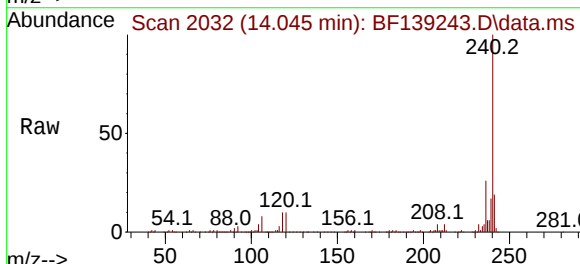
RT: 14.045 min Scan# 2032

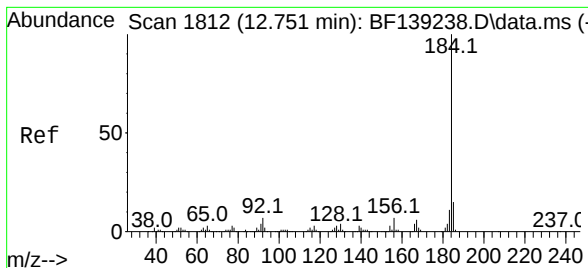
Delta R.T. -0.006 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

Tgt Ion:240	Resp:	319494
Ion Ratio	Lower	Upper
240	100	
120	10.2	8.6 12.8
236	26.1	20.7 31.1





#77

Benzidine

Concen: 0.236 ng

RT: 12.745 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

Instrument :

BNA_F

ClientSampleId :

PB163146BL

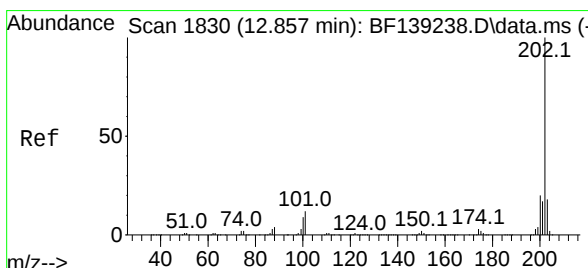
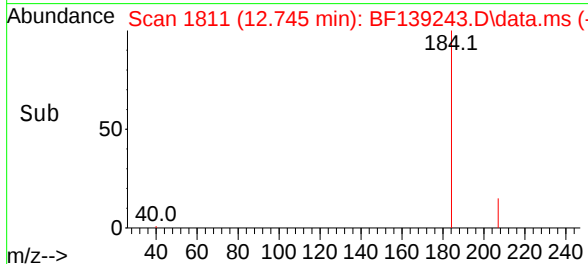
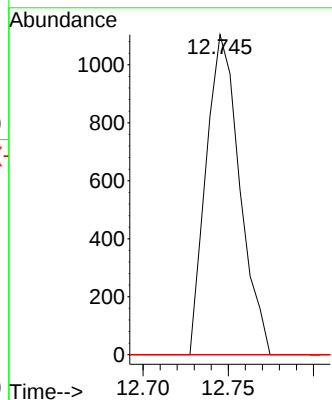
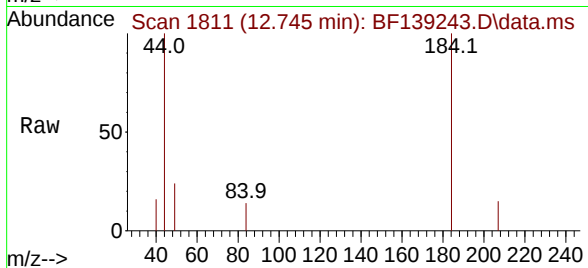
Tgt Ion:184 Resp: 1516

Ion Ratio Lower Upper

184 100

185 0.0 11.9 17.9#

183 0.0 8.8 13.2#



#78

Pyrene

Concen: 0.011 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.006 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

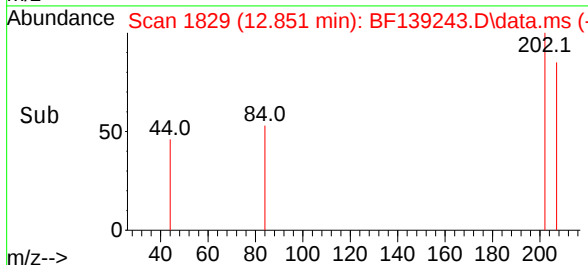
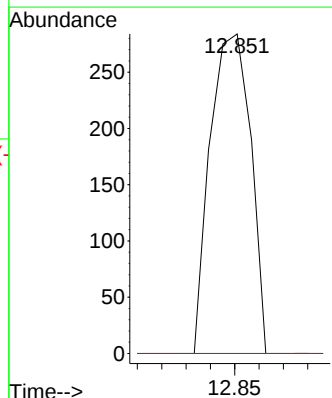
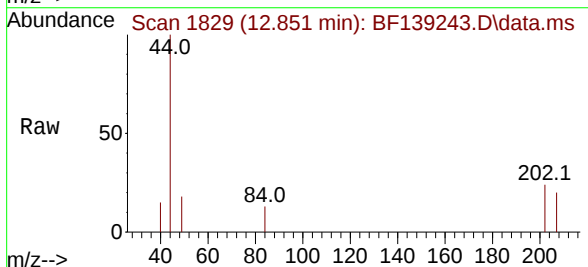
Tgt Ion:202 Resp: 328

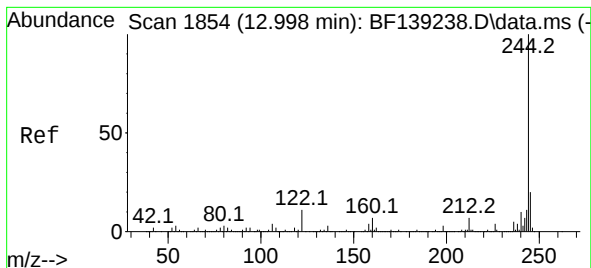
Ion Ratio Lower Upper

202 100

200 0.0 15.8 23.8#

203 0.0 14.1 21.1#





#79

Terphenyl-d14

Concen: 87.858 ng

RT: 12.998 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

Instrument :

BNA_F

ClientSampleId :

PB163146BL

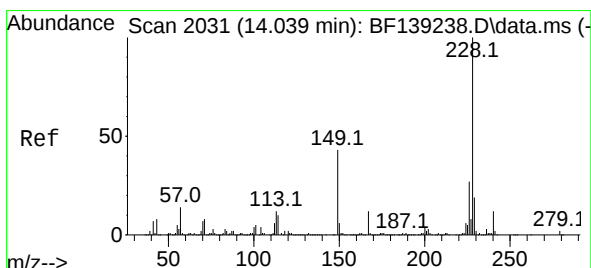
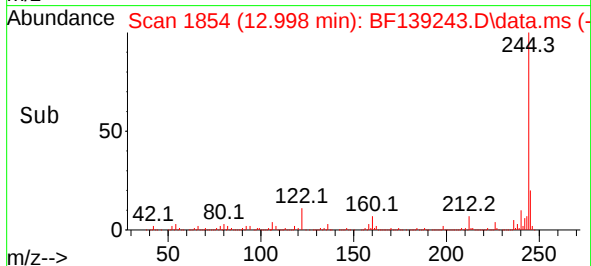
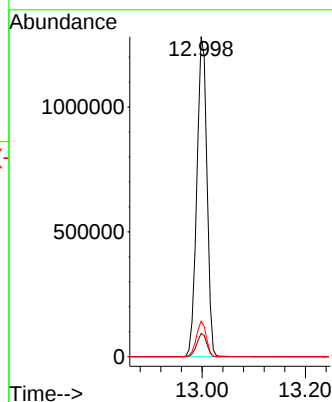
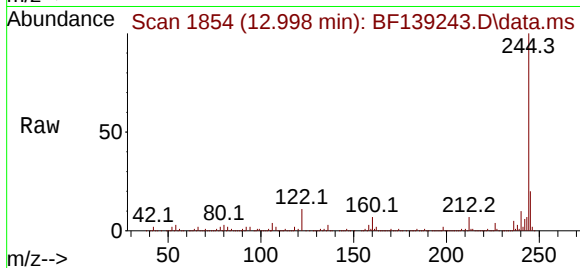
Tgt Ion:244 Resp: 1738547

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 11.1 8.7 13.1



#81

Benzo(a)anthracene

Concen: 0.044 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

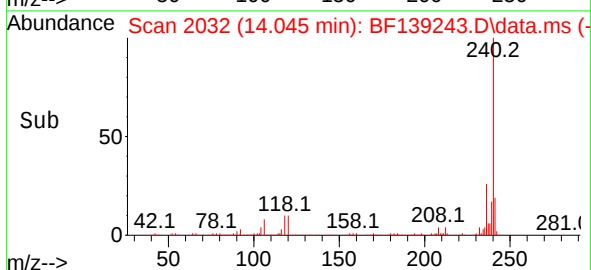
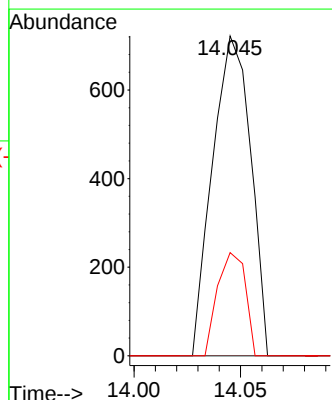
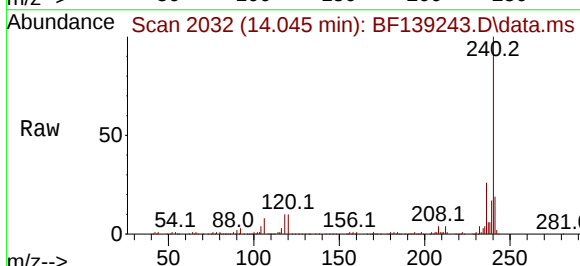
Tgt Ion:228 Resp: 899

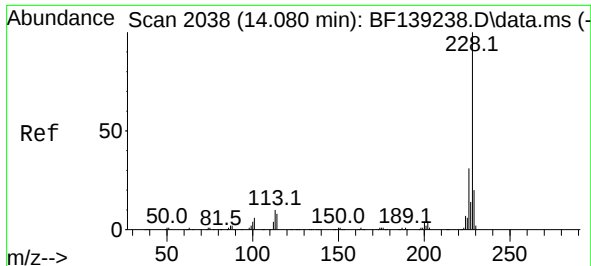
Ion Ratio Lower Upper

228 100

226 0.0 21.5 32.3#

229 32.3 15.6 23.4#





#83

Chrysene

Concen: 0.047 ng

RT: 14.045 min Scan# 2038

Delta R.T. -0.035 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

Instrument :

BNA_F

ClientSampleId :

PB163146BL

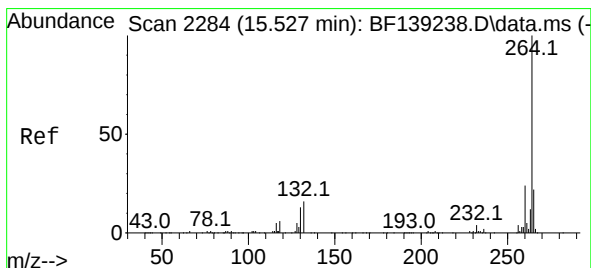
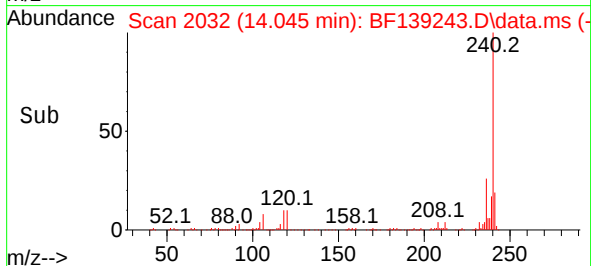
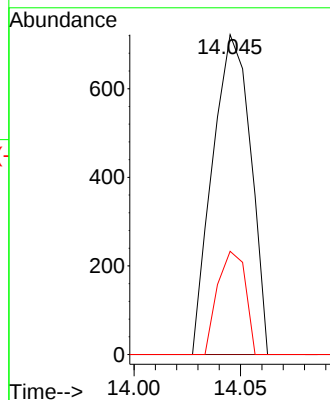
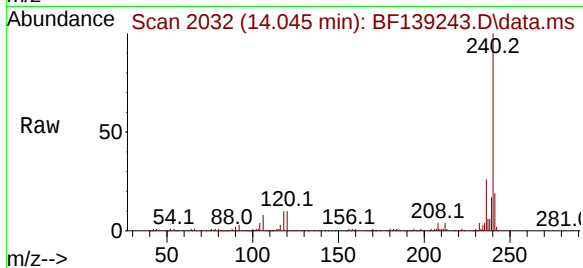
Tgt Ion:228 Resp: 899

Ion Ratio Lower Upper

228 100

226 0.0 23.8 35.8#

229 32.3 15.8 23.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. -0.006 min

Lab File: BF139243.D

Acq: 04 Sep 2024 16:47

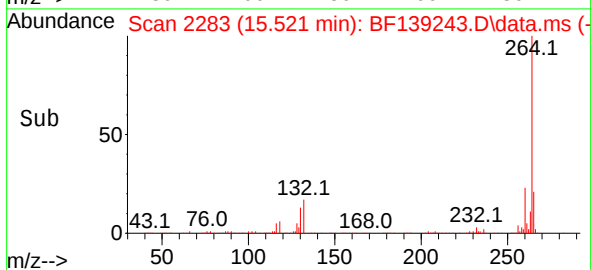
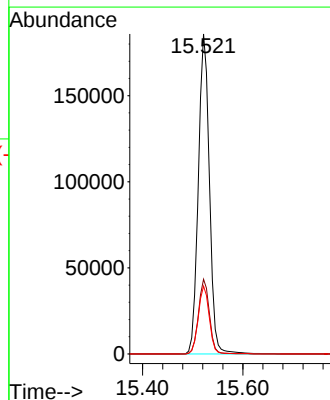
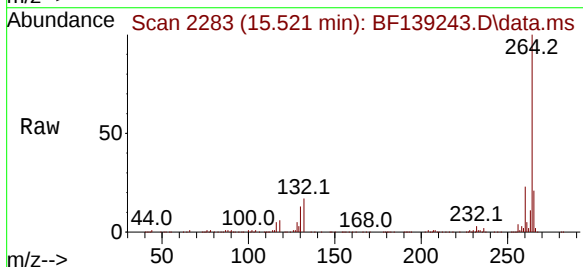
Tgt Ion:264 Resp: 284486

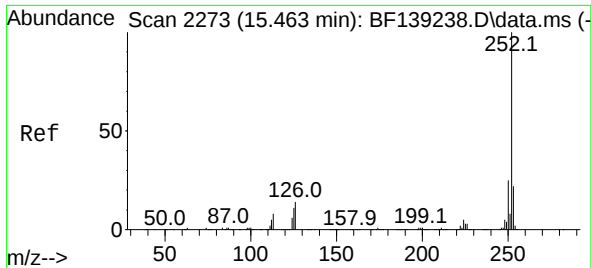
Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.2 17.3 25.9





#90

Benzo(a)pyrene

Concen: 0.068 ng

RT: 15.521 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF139243.D

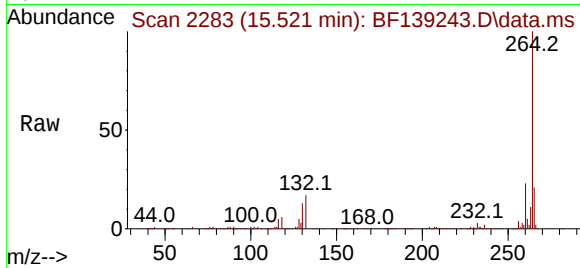
Acq: 04 Sep 2024 16:47

Instrument :

BNA_F

ClientSampleId :

PB163146BL



Tgt Ion:252 Resp: 941

Ion Ratio Lower Upper

252 100

253 27.1 17.5 26.3#

125 0.0 8.6 13.0#

