

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
 Data File : BF140965.D
 Acq On : 23 Dec 2024 14:36
 Operator : RC/JU
 Sample : P5346-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 23 15:19:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-6.85
21) Naphthalene-d8	8.151	136	433	20.000	ng	# 0.02
39) Acenaphthene-d10	9.757	164	1436	20.000	ng	#-0.13
64) Phenanthrene-d10	11.157	188	178	20.000	ng	#-0.22
76) Chrysene-d12	13.804	240	177	20.000	ng	#-0.23
86) Perylene-d12	15.545	264	115	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	487277	0.000	ng	0.01
7) Phenol-d6	6.504	99	574598	0.000	ng	0.00
23) Nitrobenzene-d5	7.416	82	429031	49572.465	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	230795	13589.131	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	892350	8543.505	ng	0.00
79) Terphenyl-d14	12.963	244	965922	86052.649	ng	0.00
Target Compounds						Qvalue
22) Acetophenone	7.269	105	1989	183.629	ng	# 89
24) Nitrobenzene	7.416	77	1584	178.653	ng	# 37
27) 2,4-Dimethylphenol	7.822	122	380	79.682	ng	# 61
28) bis(2-Chloroethoxy)met...	8.151	93	855	94.401	ng	# 85
31) Naphthalene	8.157	128	1273	53.521	ng	# 87
32) Benzoic acid	7.939	122	5418	1197.906	ng	# 80
33) 4-Chloroaniline	8.151	127	114	14.431	ng	# 1
35) Caprolactam	8.657	113	60	30.610	ng	# 31
36) 4-Chloro-3-methylphenol	8.728	107	475	64.099	ng	# 21
37) 2-Methylnaphthalene	8.845	142	2058	130.801	ng	99
38) 1-Methylnaphthalene	8.939	142	2070	133.029	ng	96
46) 1,1'-Biphenyl	9.198	154	1598	13.994	ng	# 1
48) 2-Nitroaniline	9.381	65	425	16.109	ng	# 5
49) Acenaphthylene	9.569	152	312	2.430	ng	# 1
50) Dimethylphthalate	9.598	163	4647	45.900	ng	# 98
51) 2,6-Dinitrotoluene	9.628	165	752	32.491	ng	# 39
52) Acenaphthene	9.910	154	349	4.256	ng	# 1
53) 3-Nitroaniline	9.910	138	1476	64.262	ng	# 1
55) Dibenzofuran	9.910	168	1632	12.843	ng	# 86
56) 4-Nitrophenol	9.910	139	427	37.084	ng	# 77
57) 2,4-Dinitrotoluene	10.010	165	391	12.840	ng	# 14
58) Fluorene	10.339	166	607	5.790	ng	# 83
60) Diethylphthalate	10.192	149	242	2.305	ng	# 40
62) 4-Nitroaniline	10.245	138	1017	42.372	ng	# 14
66) n-Nitrosodiphenylamine	10.386	169	865	158.057	ng	# 38
67) 4-Bromophenyl-phenylether	10.680	248	14287	7174.593	ng	# 1
69) Atrazine	10.875	200	175	114.494	ng	# 1
71) Phenanthrene	11.139	178	15527	1696.287	ng	# 94
72) Anthracene	11.139	178	15642	1735.222	ng	# 93
73) Carbazole	11.375	167	122	13.817	ng	# 1
74) Di-n-butylphthalate	11.657	149	1516	146.299	ng	# 46
75) Fluoranthene	12.351	202	127	12.047	ng	# 1
77) Benzidine	12.498	184	343	94.948	ng	# 1
78) Pyrene	12.598	202	674	42.821	ng	# 1
80) Butylbenzylphthalate	13.163	149	570	98.420	ng	# 1
81) Benzo(a)anthracene	13.757	228	490	39.061	ng	# 1

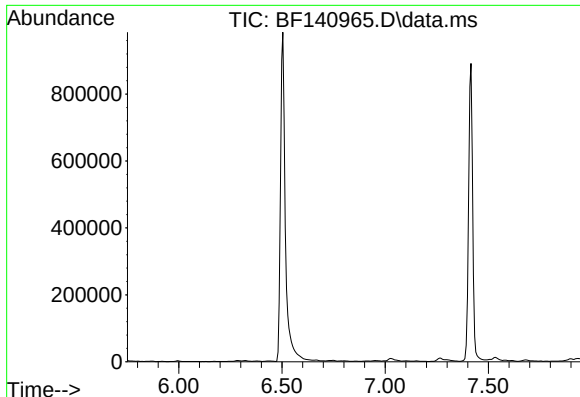
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122324\
Data File : BF140965.D
Acq On : 23 Dec 2024 14:36
Operator : RC/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 3,3'-Dichlorobenzidine	13.727	252	192	50.730	ng	# 3
83) Chrysene	13.833	228	647	56.718	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.763	149	153	20.488	ng	# 40
85) Di-n-octyl phthalate	14.374	149	45	3.983	ng	# 1
88) Benzo(b)fluoranthene	15.215	252	457	57.249	ng	# 1
89) Benzo(k)fluoranthene	15.215	252	457	66.739	ng	# 1
90) Benzo(a)pyrene	15.215	252	333	53.274	ng	# 1

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

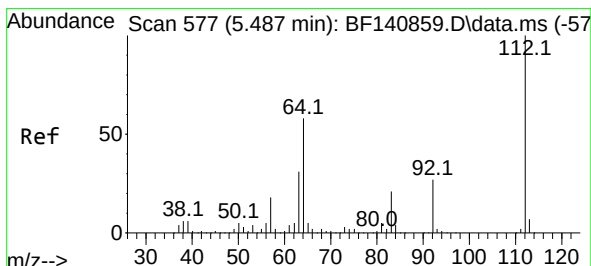
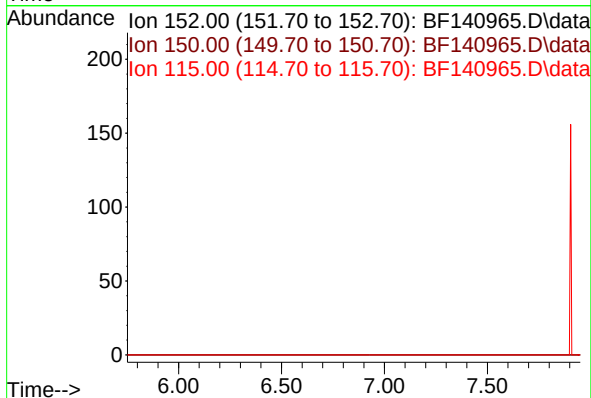


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.85 min
 Lab File: BF140965.D
 Acq: 23 Dec 2024 14:36

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 152

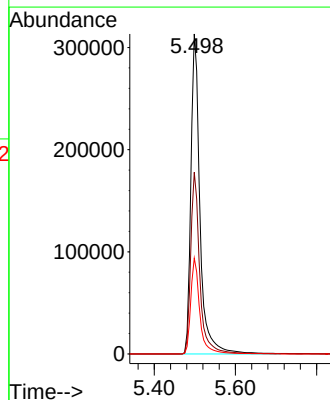
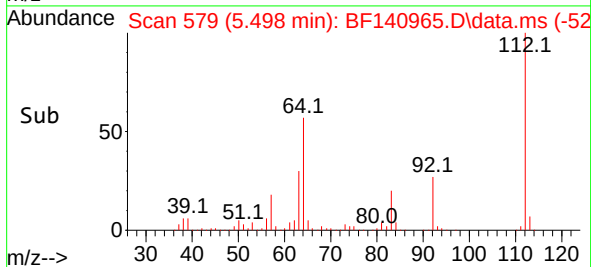
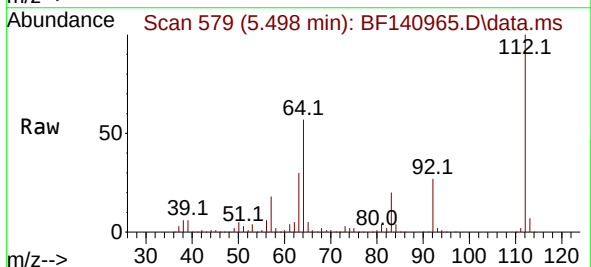
Sig	Exp Ratio
152	100
150	159.9
115	60.0

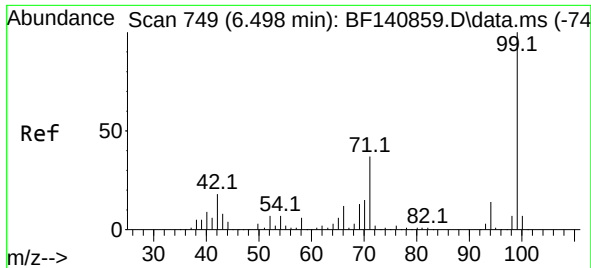


#5
 2-Fluorophenol
 Concen: 0.000 ng
 RT: 5.498 min Scan# 579
 Delta R.T. 0.012 min
 Lab File: BF140965.D
 Acq: 23 Dec 2024 14:36

Tgt Ion: 112 Resp: 487277

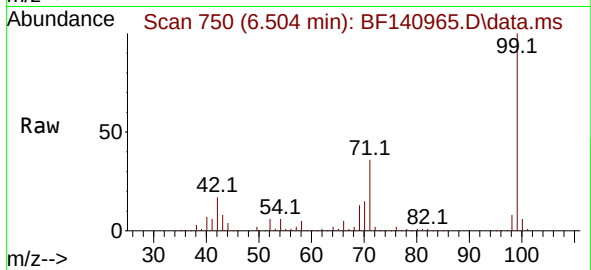
Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.1	69.1
63	30.0	24.9	37.3



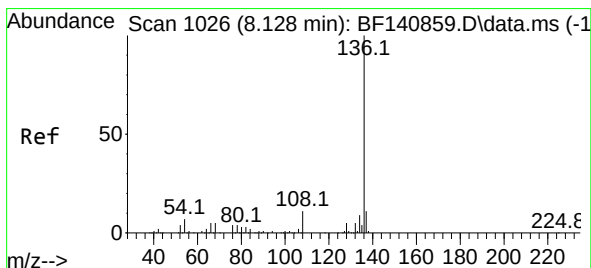
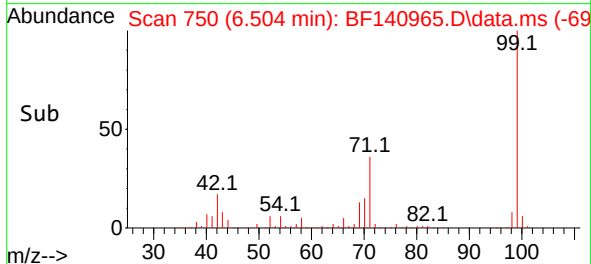
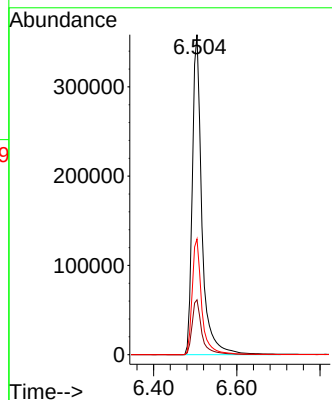


#7
Phenol-d6
Concen: 0.000 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

Instrument :
BNA_F
ClientSampleId :

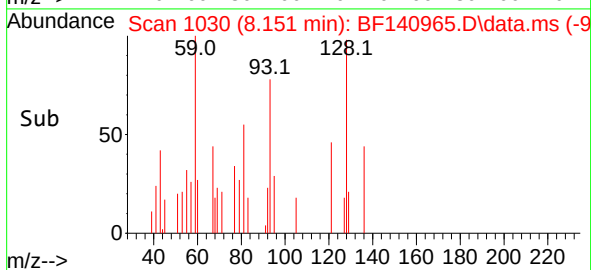
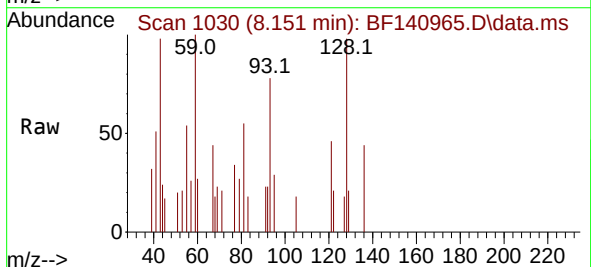
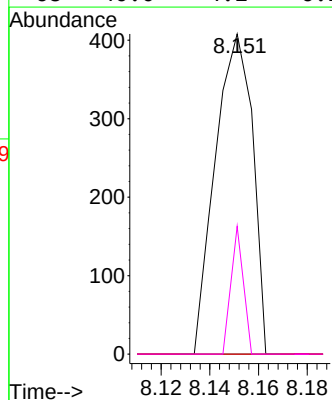


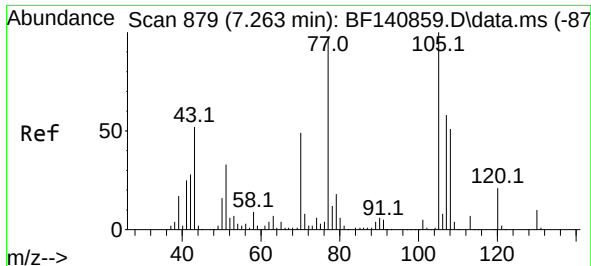
Tgt Ion:	99	Ratio	100	Lower	Upper
99	100				
42	17.1		14.3		21.5
71	36.2		29.9		44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.023 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

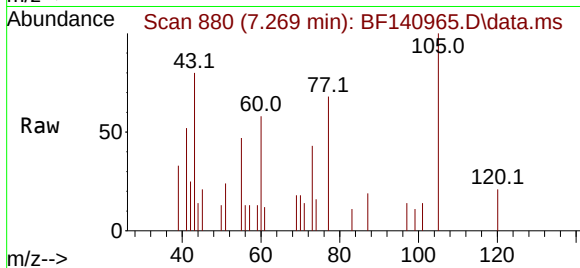
Tgt Ion:	136	Ratio	100	Lower	Upper
136	100				
137	0.0		9.0		13.4#
54	0.0		5.6		8.4#
68	40.0		4.2		6.2#



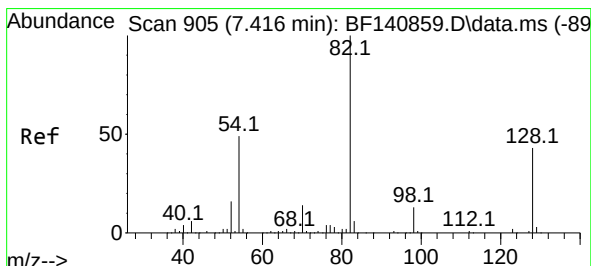
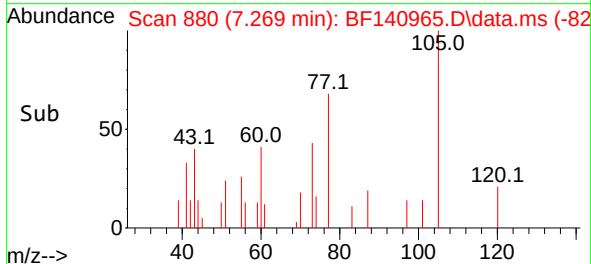
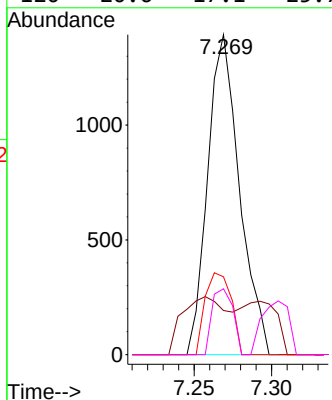


#22
Acetophenone
Concen: 183.629 ng
RT: 7.269 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

Instrument :
BNA_F
ClientSampleId :

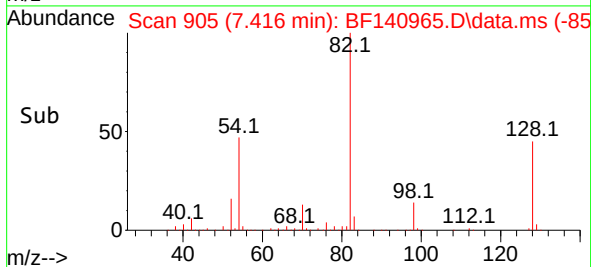
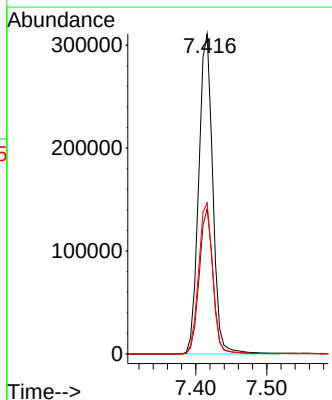
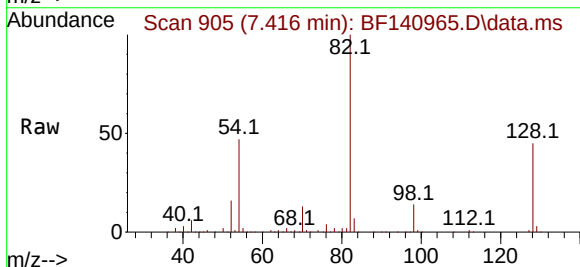


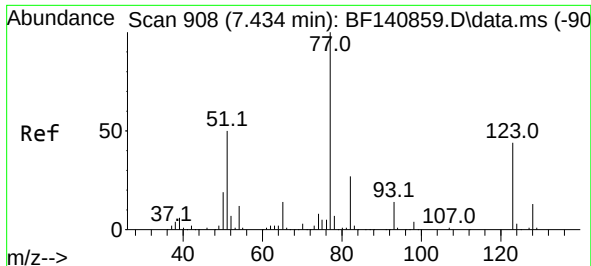
Tgt Ion:	105	Resp:	1989
Ion	Ratio	Lower	Upper
105	100		
71	13.8	6.2	9.4#
51	24.3	26.3	39.5#
120	20.6	17.1	25.7



#23
Nitrobenzene-d5
Concen: 49572.465 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

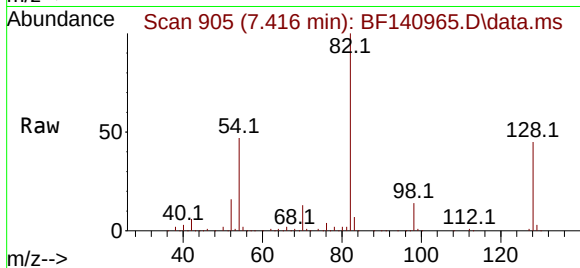
Tgt Ion:	82	Resp:	429031
Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.4	51.6
54	47.2	38.8	58.2



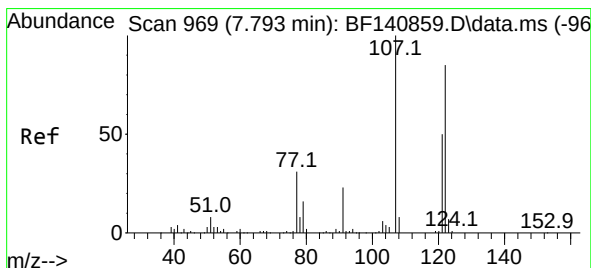
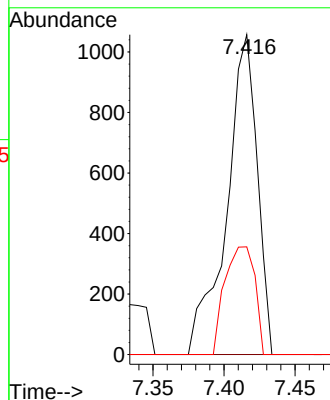
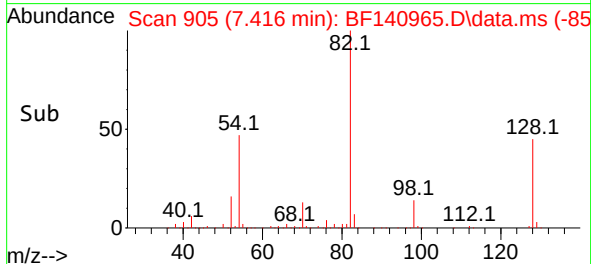


#24
Nitrobenzene
Concen: 178.653 ng
RT: 7.416 min Scan# 908
Delta R.T. -0.018 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

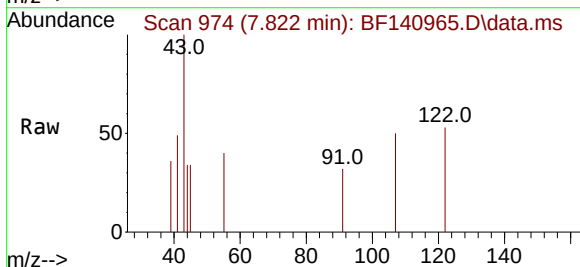
Instrument :
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ClientSampleId :



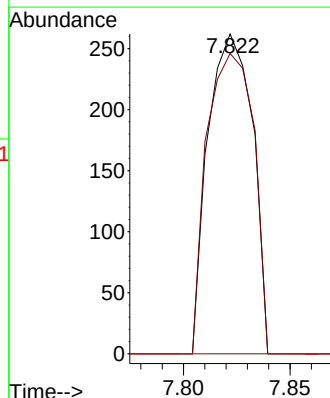
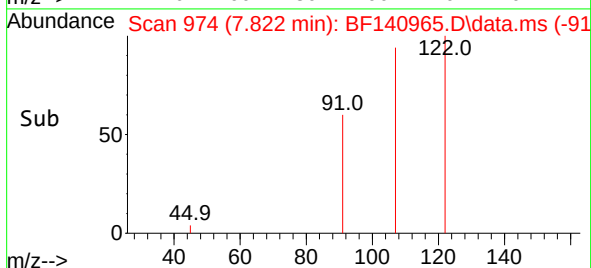
Tgt Ion: 77 Resp: 1584
Ion Ratio Lower Upper
77 100
123 0.0 35.0 52.4#
65 33.7 11.4 17.0#

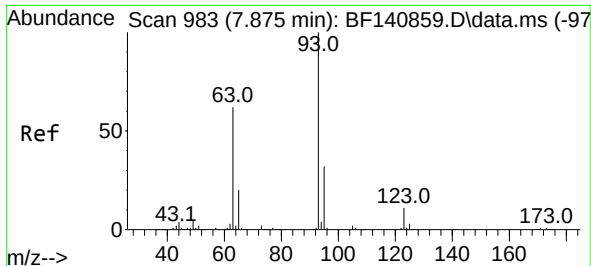


#27
2,4-Dimethylphenol
Concen: 79.682 ng
RT: 7.822 min Scan# 974
Delta R.T. 0.029 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36



Tgt Ion: 122 Resp: 380
Ion Ratio Lower Upper
122 100
107 93.9 92.6 139.0
121 0.0 45.8 68.8#

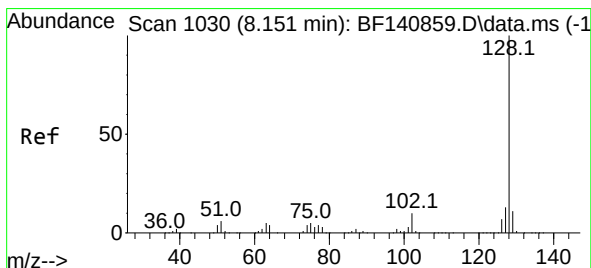
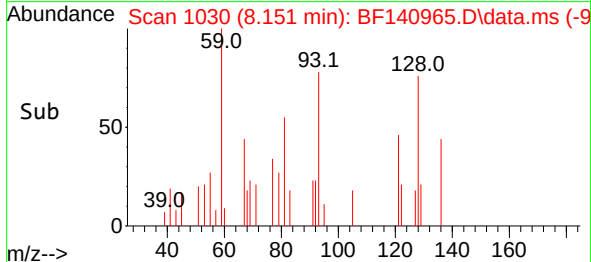
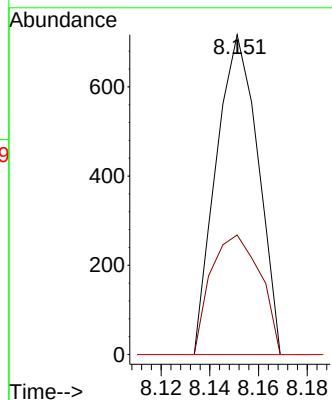
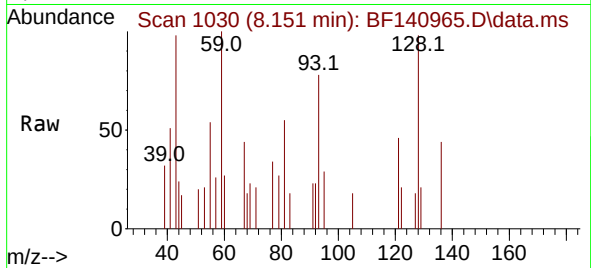




#28
bis(2-Chloroethoxy)methane
Concen: 94.401 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.276 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

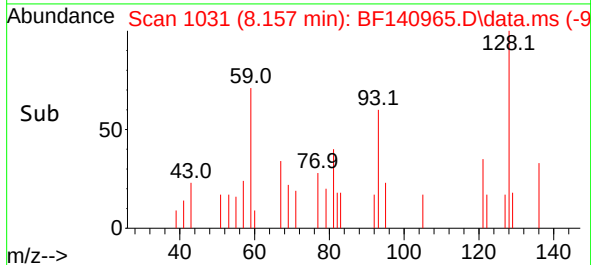
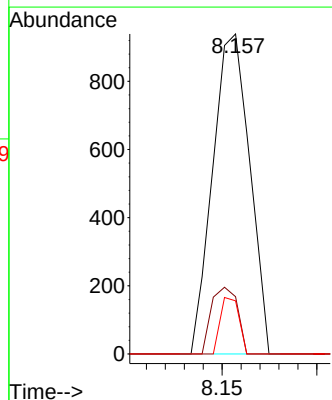
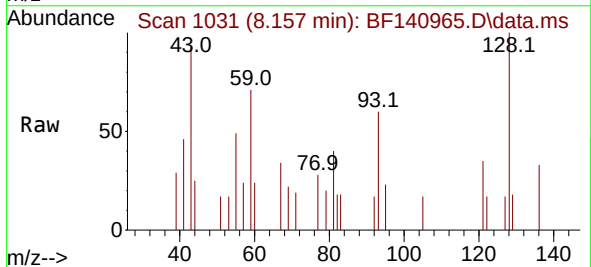
Instrument :
BNA_F
ClientSampleId :

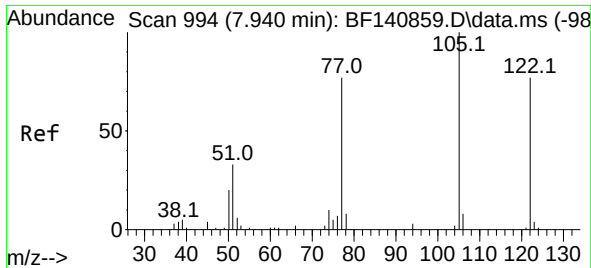
Tgt Ion: 93 Resp: 855
Ion Ratio Lower Upper
93 100
95 37.4 25.3 37.9
123 0.0 8.6 13.0#



#31
Naphthalene
Concen: 53.521 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

Tgt Ion: 128 Resp: 1273
Ion Ratio Lower Upper
128 100
129 17.9 8.9 13.3#
127 16.6 10.6 16.0#

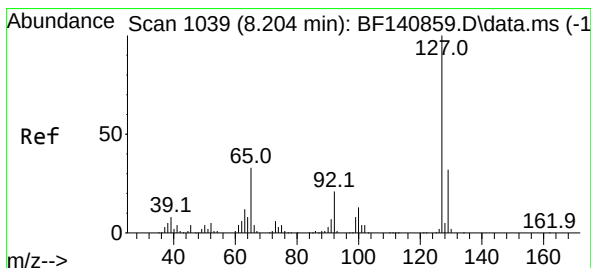
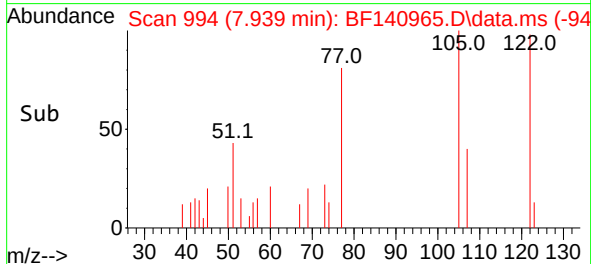
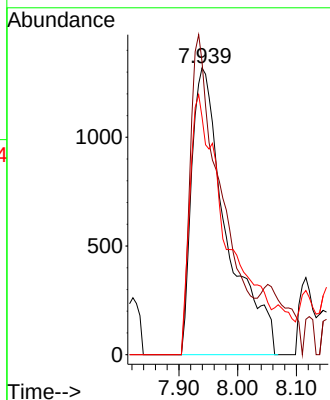
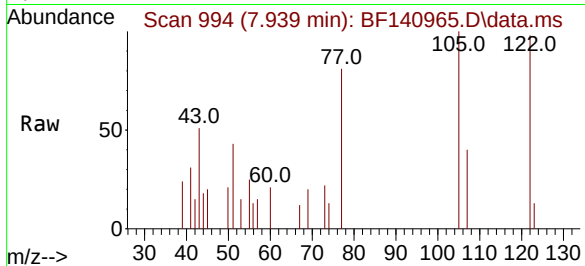




#32
Benzoic acid
Concen: 1197.906 ng
RT: 7.939 min Scan# 994
Delta R.T. -0.001 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

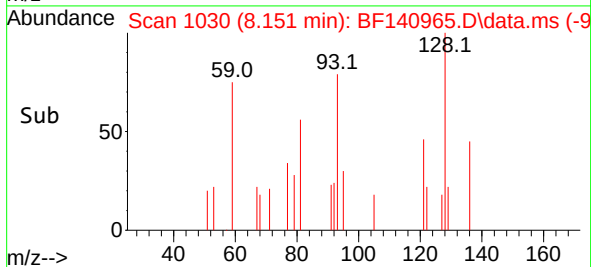
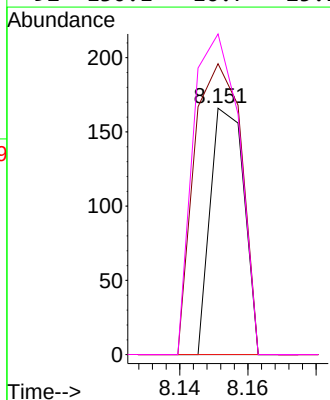
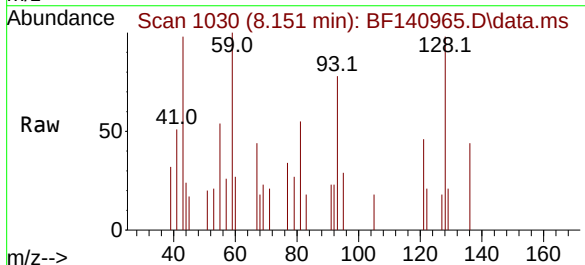
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ClientSampleId :

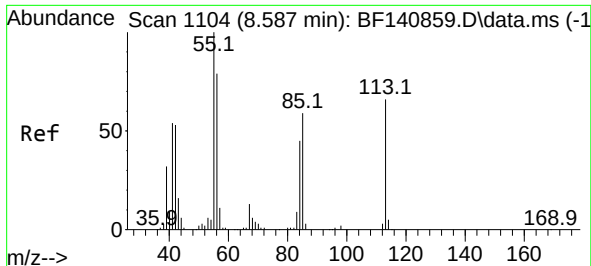
Tgt Ion:122 Resp: 5418
Ion Ratio Lower Upper
122 100
105 102.2 108.3 148.3#
77 82.9 78.8 118.8



#33
4-Chloroaniline
Concen: 14.431 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.053 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

Tgt Ion:127 Resp: 114
Ion Ratio Lower Upper
127 100
129 118.1 26.0 39.0#
65 0.0 26.0 39.0#
92 130.1 16.7 25.1#

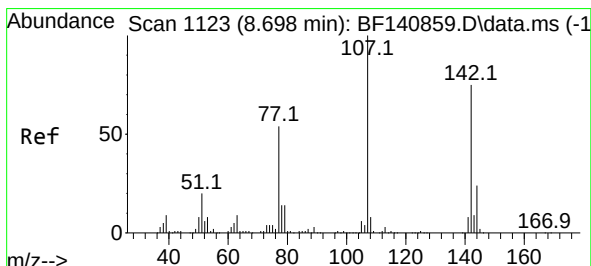
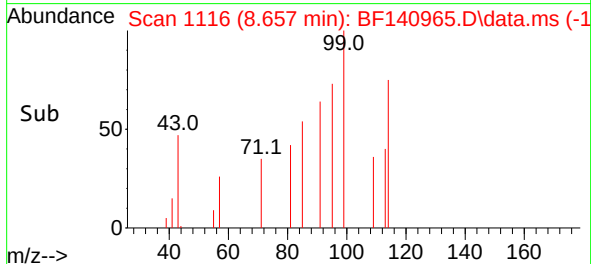
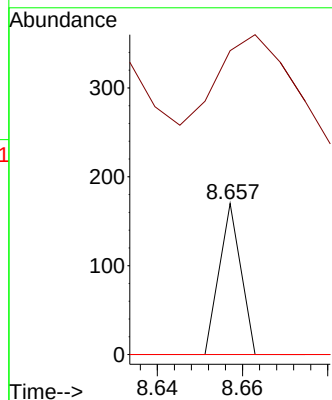
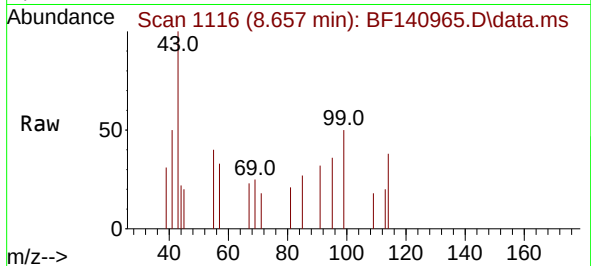




#35
 Caprolactam
 Concen: 30.610 ng
 RT: 8.657 min Scan# 1116
 Delta R.T. 0.071 min
 Lab File: BF140965.D
 Acq: 23 Dec 2024 14:36

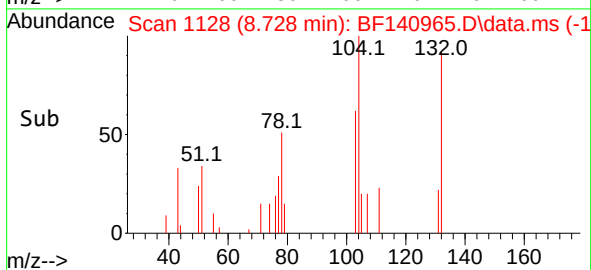
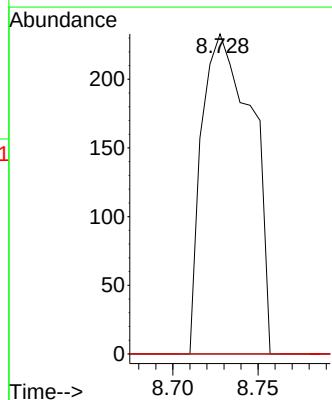
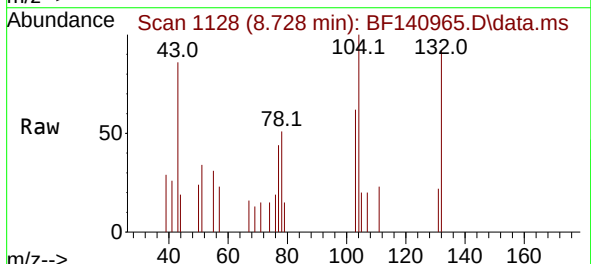
Instrument :
 BNA_F
 ClientSampleId :

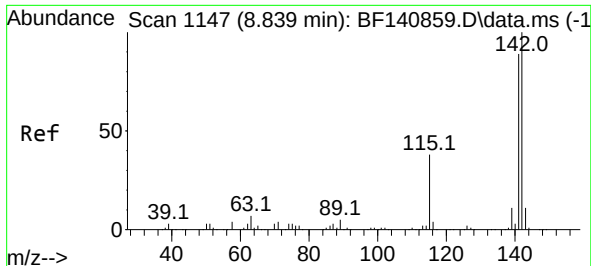
Tgt Ion:113 Resp: 60
 Ion Ratio Lower Upper
 113 100
 55 201.2 132.3 172.3#
 56 0.0 100.3 140.3#



#36
 4-Chloro-3-methylphenol
 Concen: 64.099 ng
 RT: 8.728 min Scan# 1128
 Delta R.T. 0.029 min
 Lab File: BF140965.D
 Acq: 23 Dec 2024 14:36

Tgt Ion:107 Resp: 475
 Ion Ratio Lower Upper
 107 100
 144 0.0 19.4 29.2#
 142 0.0 60.3 90.5#





#37

2-Methylnaphthalene

Concen: 130.801 ng

RT: 8.845 min Scan# 1148

Delta R.T. 0.006 min

Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

Instrument :

BNA_F

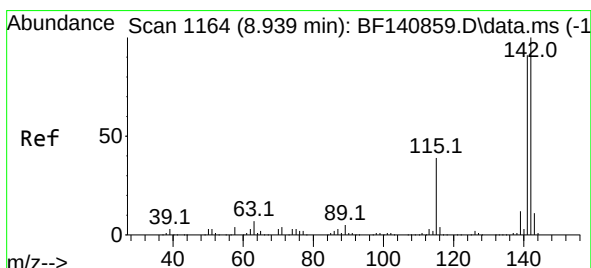
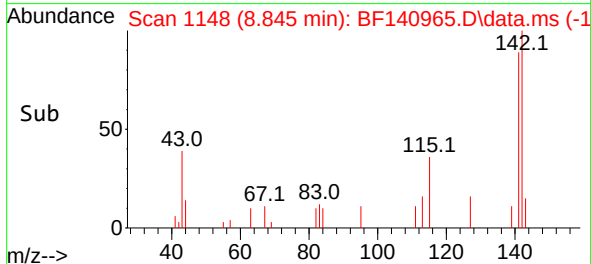
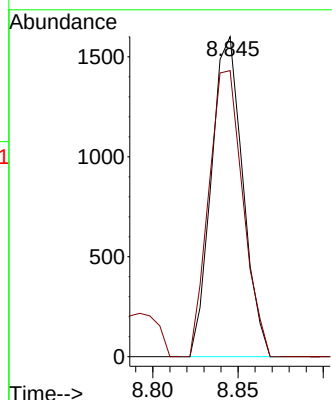
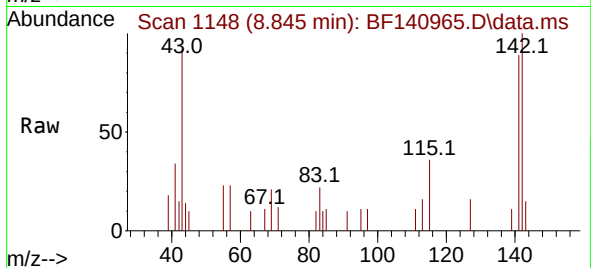
ClientSampleId :

Tgt Ion:142 Resp: 2058

Ion Ratio Lower Upper

142 100

141 89.4 71.0 106.6



#38

1-Methylnaphthalene

Concen: 133.029 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF140965.D

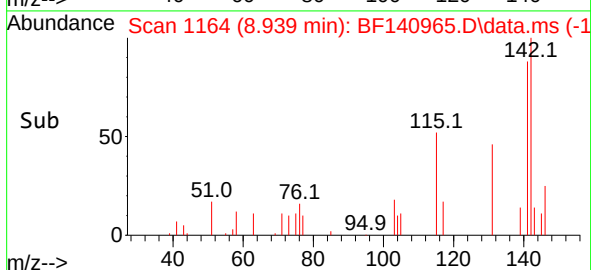
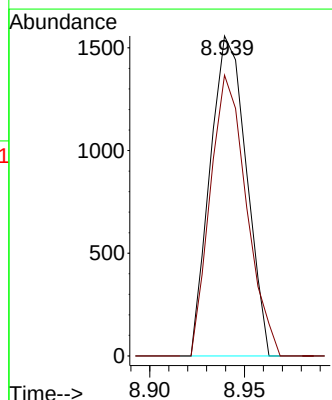
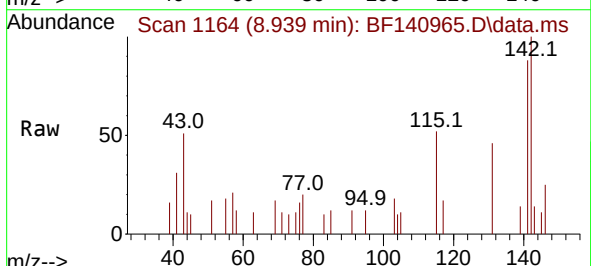
Acq: 23 Dec 2024 14:36

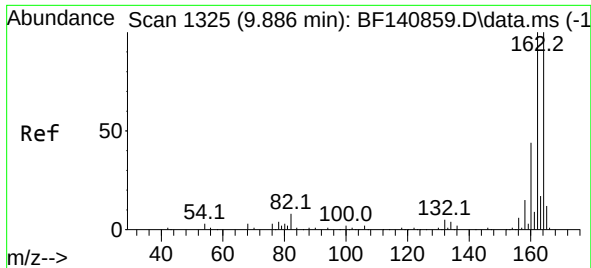
Tgt Ion:142 Resp: 2070

Ion Ratio Lower Upper

142 100

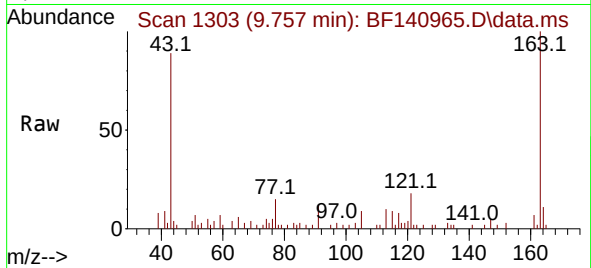
141 87.7 73.4 110.0



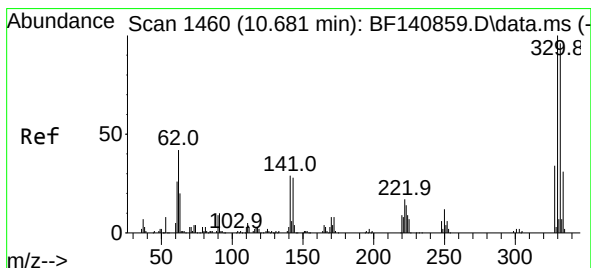
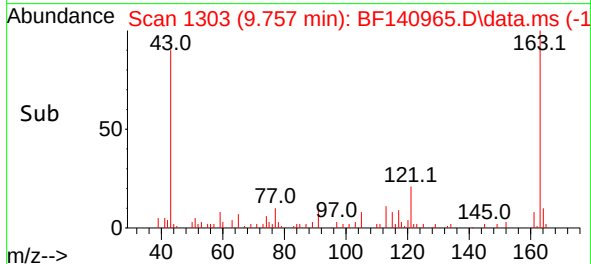
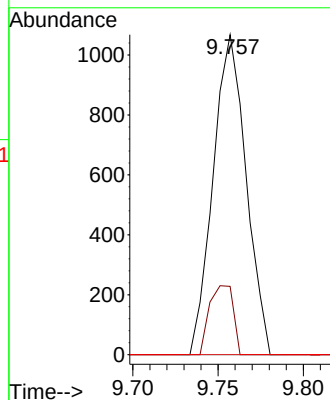


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.129 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

Instrument :
BNA_F
ClientSampleId :

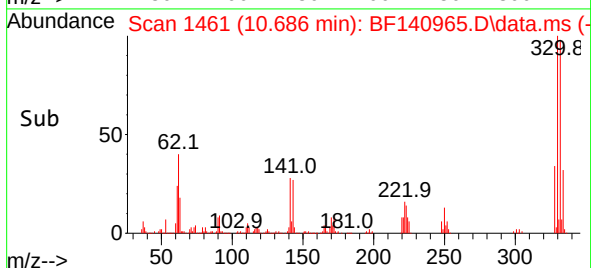
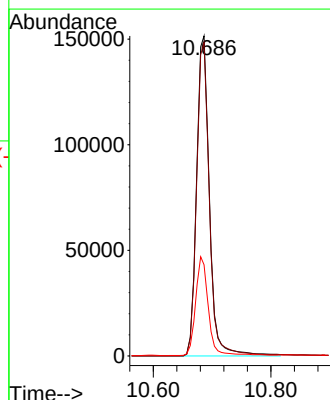
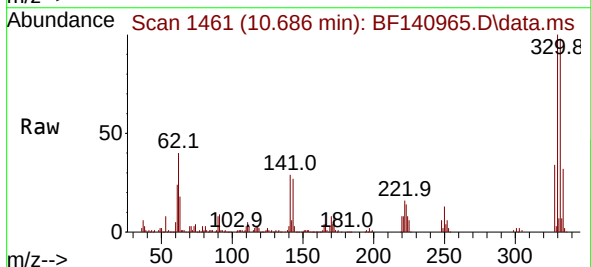


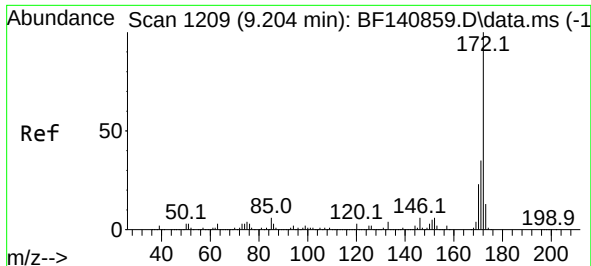
Tgt Ion:164 Resp: 1436
Ion Ratio Lower Upper
164 100
162 21.3 79.9 119.9#
160 0.0 35.2 52.8#



#42
2,4,6-Tribromophenol
Concen: 13589.131 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

Tgt Ion:330 Resp: 230795
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 30.5 24.9 37.3





#45

2-Fluorobiphenyl

Concen: 8543.505 ng

RT: 9.198 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

Instrument :

BNA_F

ClientSampleId :

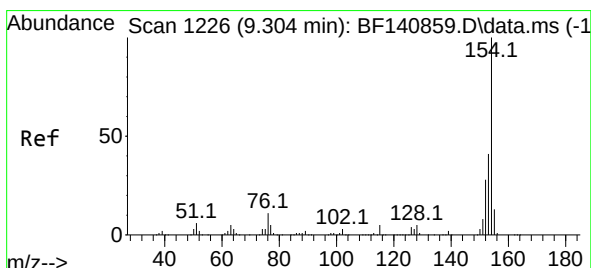
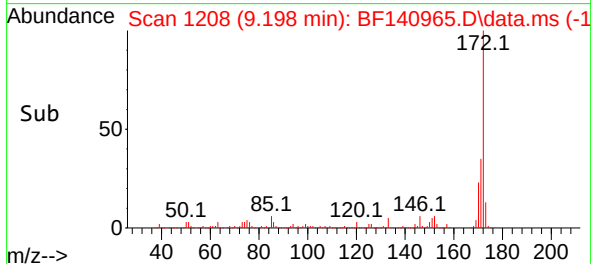
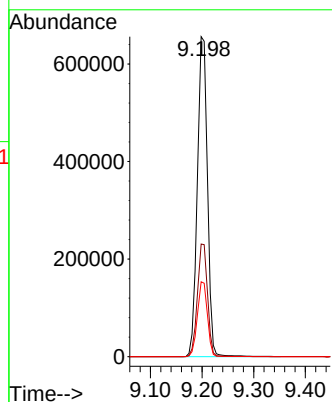
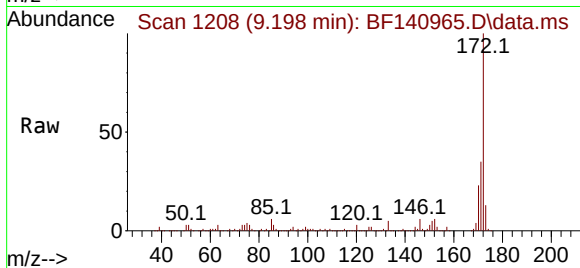
Tgt Ion:172 Resp: 892350

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.4 18.6 28.0



#46

1,1'-Biphenyl

Concen: 13.994 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.106 min

Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

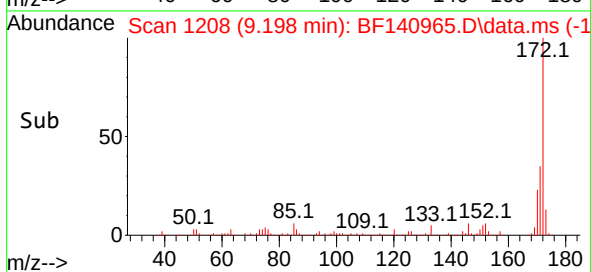
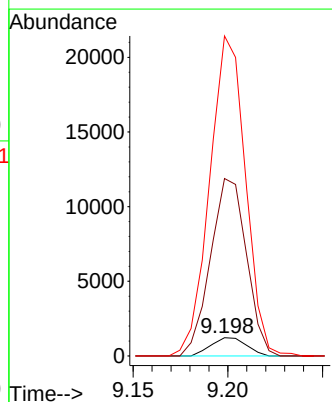
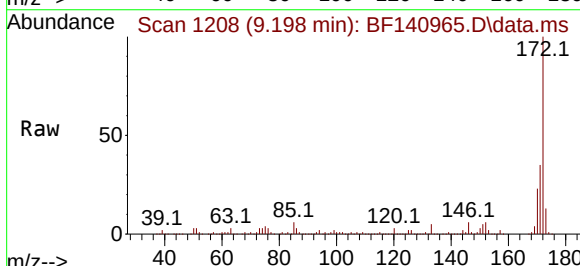
Tgt Ion:154 Resp: 1598

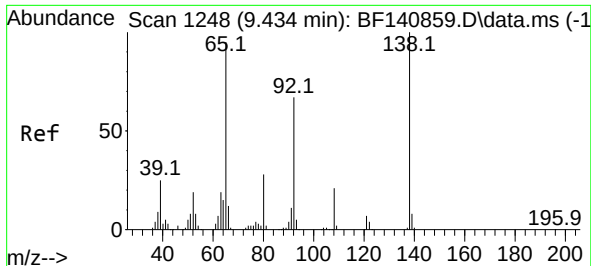
Ion Ratio Lower Upper

154 100

153 971.5 20.8 60.8#

76 1752.4 0.0 31.0#

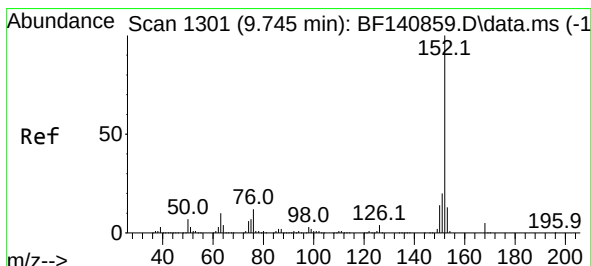
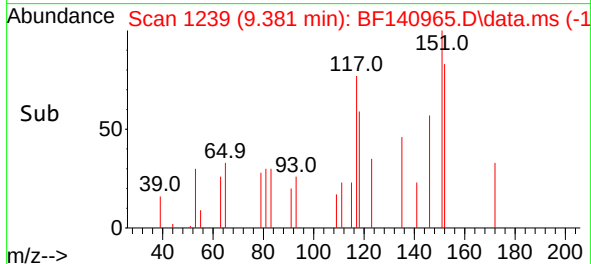
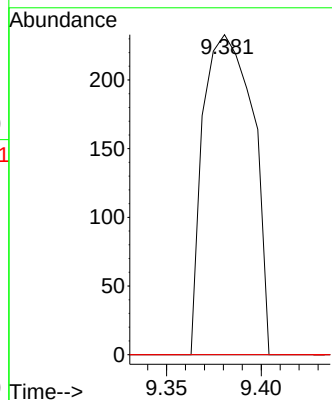
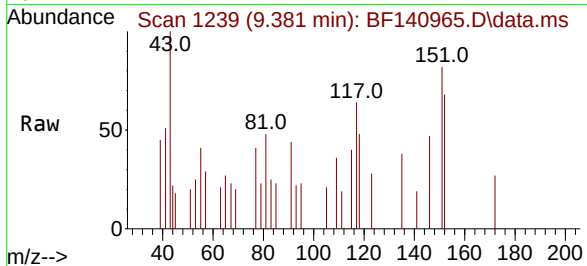




#48
2-Nitroaniline
Concen: 16.109 ng
RT: 9.381 min Scan# 11
Delta R.T. -0.053 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

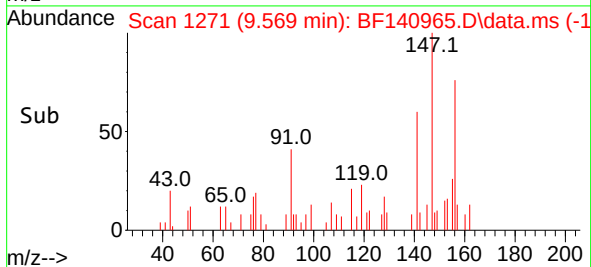
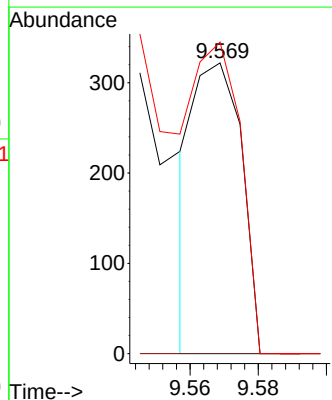
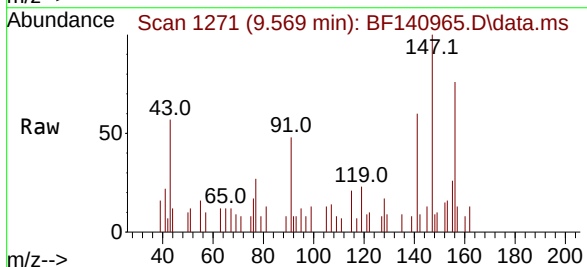
Instrument :
BNA_F
ClientSampleId :

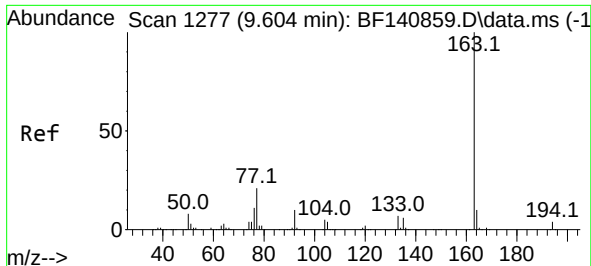
Tgt Ion: 65 Resp: 425
Ion Ratio Lower Upper
65 100
92 0.0 56.3 84.5#
138 0.0 83.8 125.6#



#49
Acenaphthylene
Concen: 2.430 ng
RT: 9.569 min Scan# 1271
Delta R.T. -0.177 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

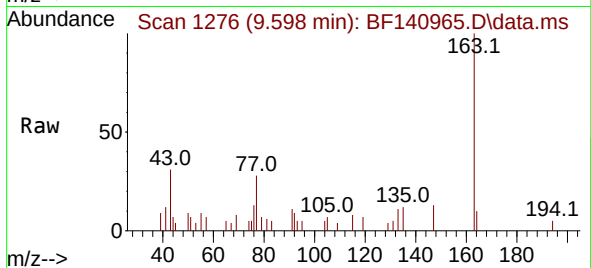
Tgt Ion: 152 Resp: 312
Ion Ratio Lower Upper
152 100
151 0.0 16.0 24.0#
153 107.1 10.6 16.0#



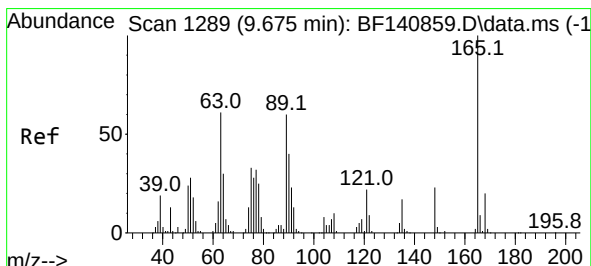
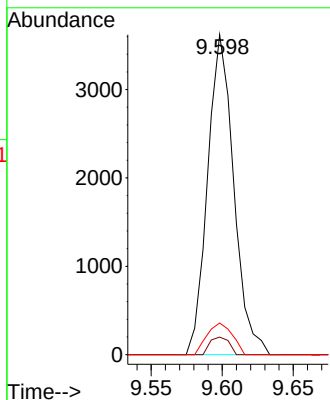
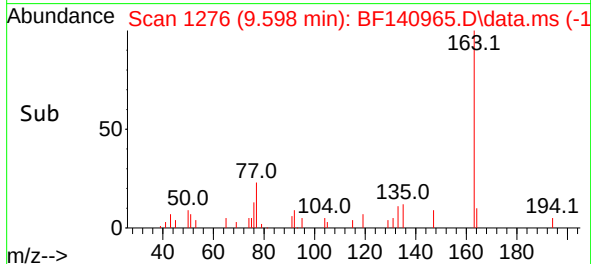


#50
Dimethylphthalate
Concen: 45.900 ng
RT: 9.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

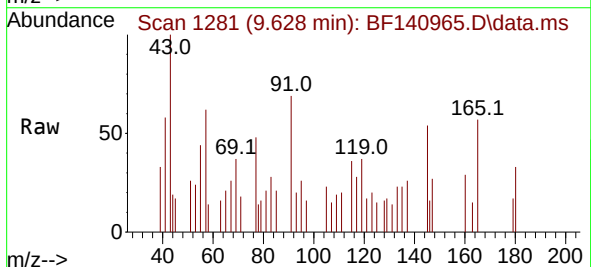
Instrument :
BNA_F
ClientSampleId :



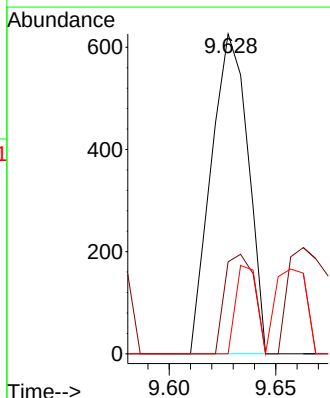
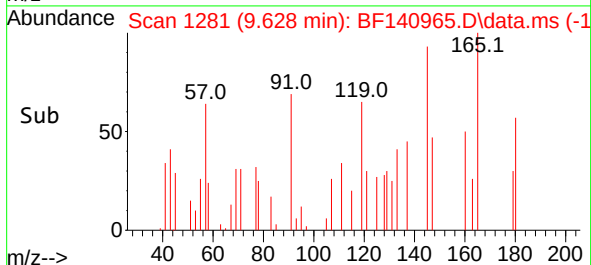
Tgt Ion:163 Resp: 4647
Ion Ratio Lower Upper
163 100
194 5.5 3.1 4.7#
164 9.9 8.1 12.1

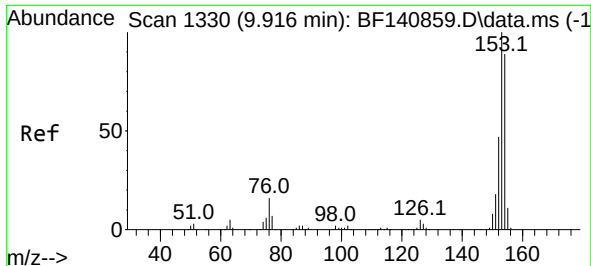


#51
2,6-Dinitrotoluene
Concen: 32.491 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.047 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36



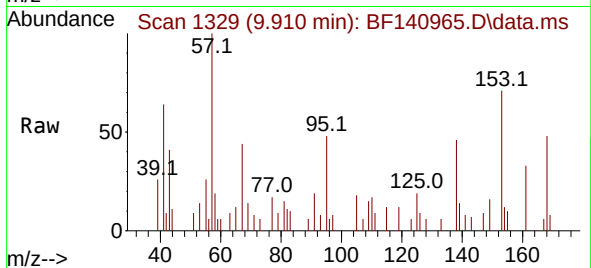
Tgt Ion:165 Resp: 752
Ion Ratio Lower Upper
165 100
63 28.8 49.7 74.5#
89 0.0 48.2 72.4#



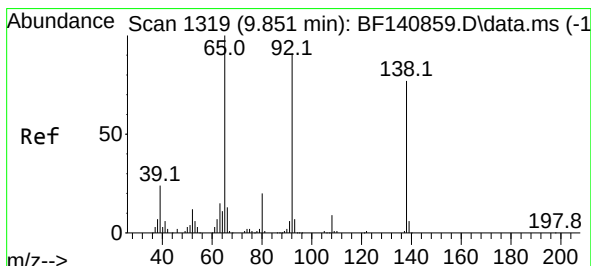
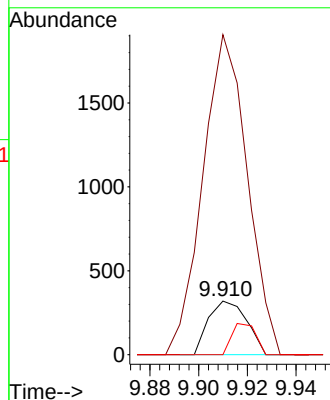
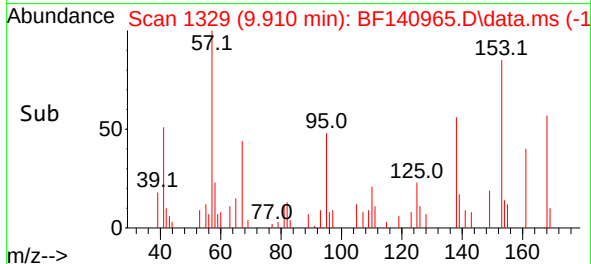


#52
Acenaphthene
Concen: 4.256 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

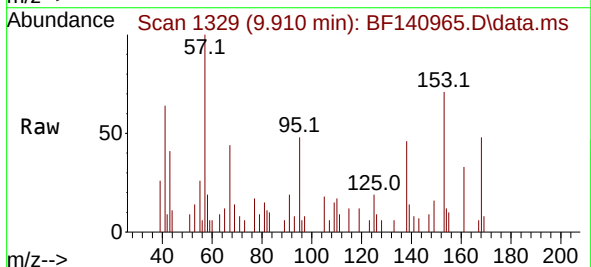
Instrument :
BNA_F
ClientSampleId :



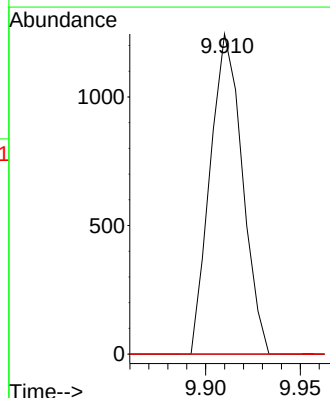
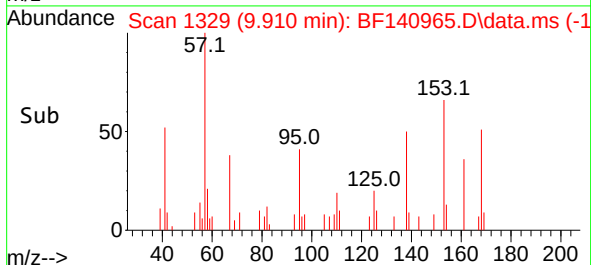
Tgt Ion:154 Resp: 349
Ion Ratio Lower Upper
154 100
153 595.9 89.9 134.9#
152 0.0 42.6 63.8#

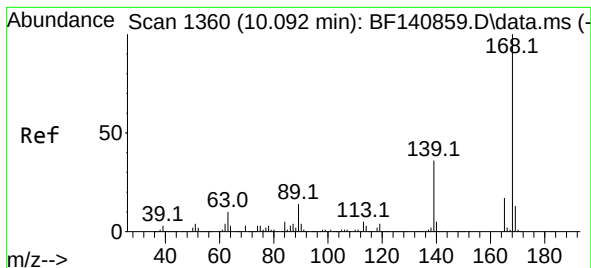


#53
3-Nitroaniline
Concen: 64.262 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.059 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36



Tgt Ion:138 Resp: 1476
Ion Ratio Lower Upper
138 100
108 0.0 9.0 13.4#
92 0.0 95.5 143.3#





#55

Dibenzofuran

Concen: 12.843 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.182 min

Lab File: BF140965.D

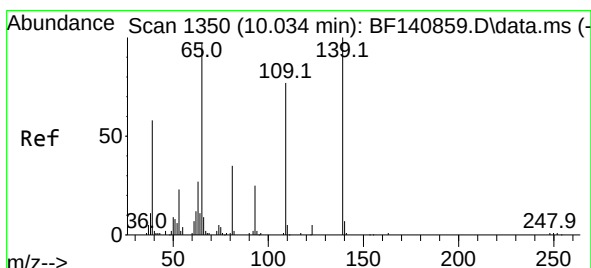
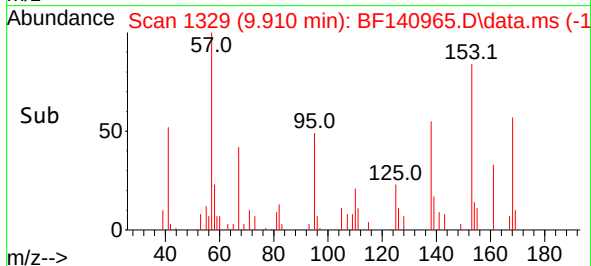
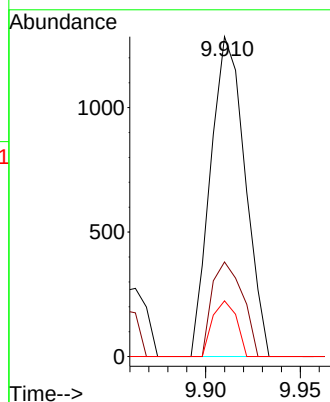
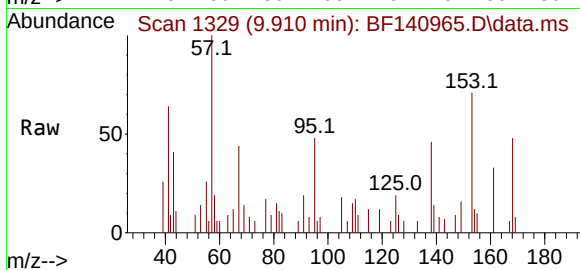
Acq: 23 Dec 2024 14:36

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:168	Resp:	1632
Ion Ratio	Lower	Upper
168	100	
139	29.6	31.1 46.7#
169	17.4	10.6 16.0#



#56

4-Nitrophenol

Concen: 37.084 ng

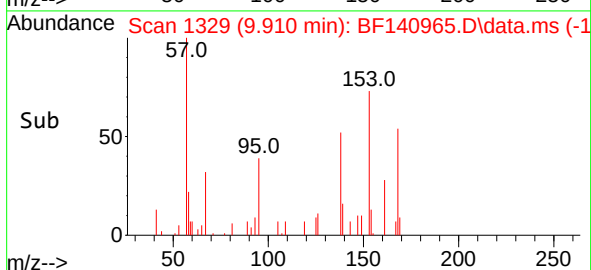
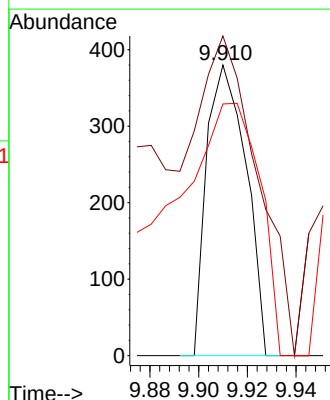
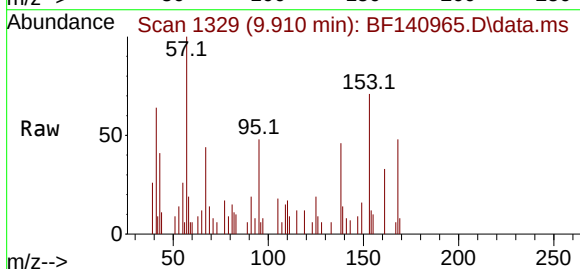
RT: 9.910 min Scan# 1329

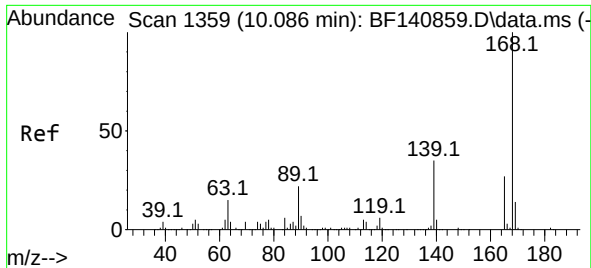
Delta R.T. -0.124 min

Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

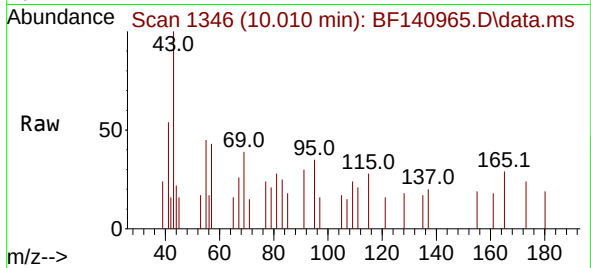
Tgt Ion:139	Resp:	427
Ion Ratio	Lower	Upper
139	100	
109	110.0	56.7 96.7#
65	86.6	78.1 118.1



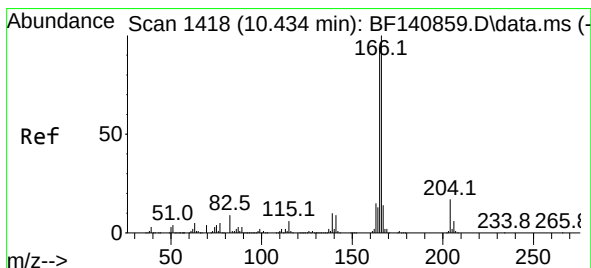
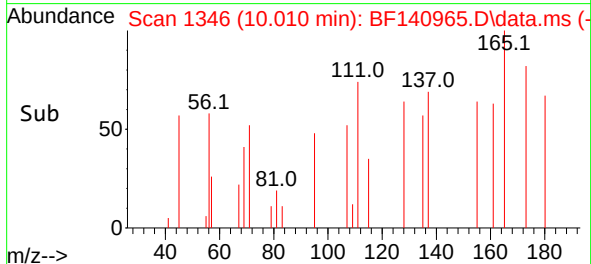
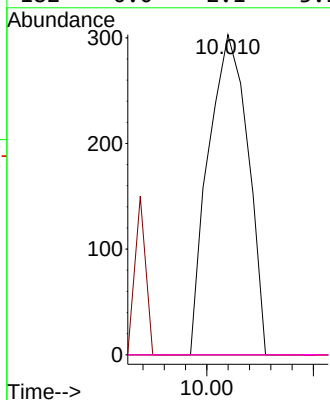


#57
2,4-Dinitrotoluene
Concen: 12.840 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.077 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

Instrument :
BNA_F
ClientSampleId :

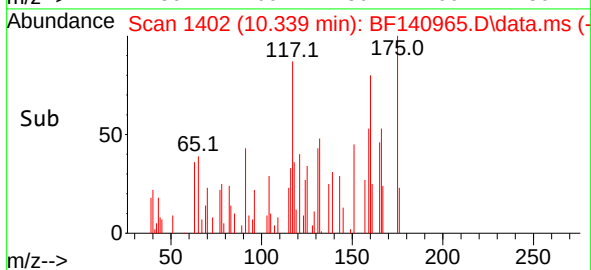
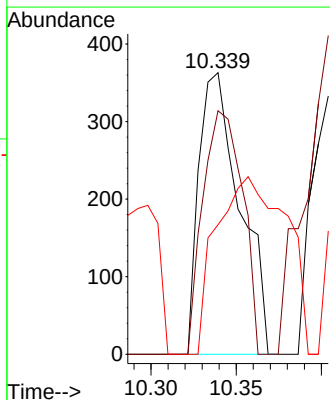
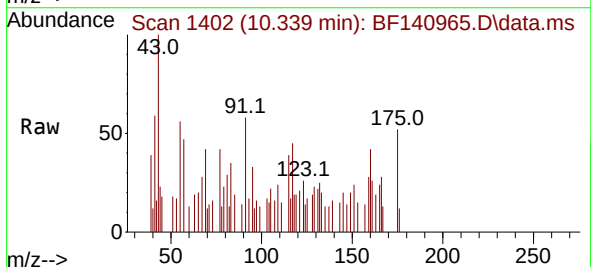


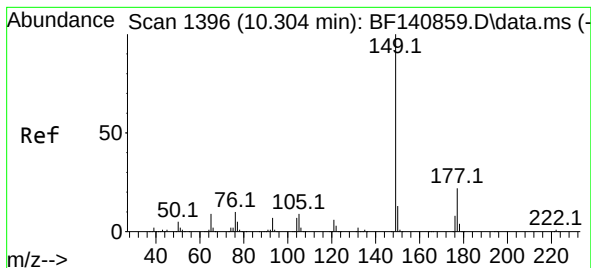
Tgt Ion:165 Resp: 391
Ion Ratio Lower Upper
165 100
63 0.0 49.3 73.9#
89 0.0 66.2 99.4#
182 0.0 2.1 3.1#



#58
Fluorene
Concen: 5.790 ng
RT: 10.339 min Scan# 1402
Delta R.T. -0.094 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

Tgt Ion:166 Resp: 607
Ion Ratio Lower Upper
166 100
165 86.5 75.1 112.7
167 46.0 11.1 16.7#

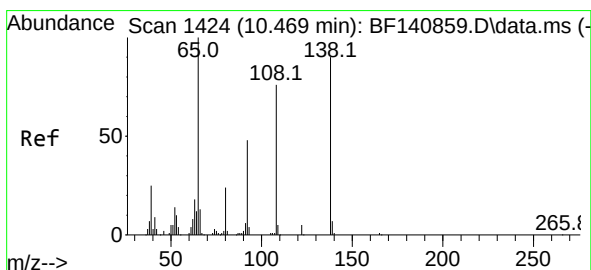
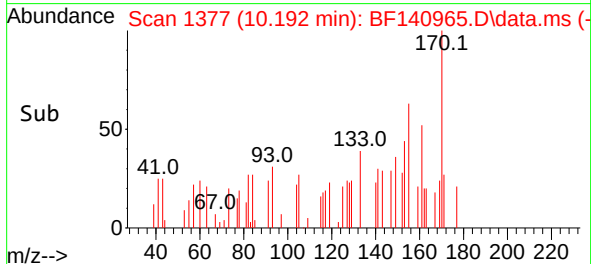
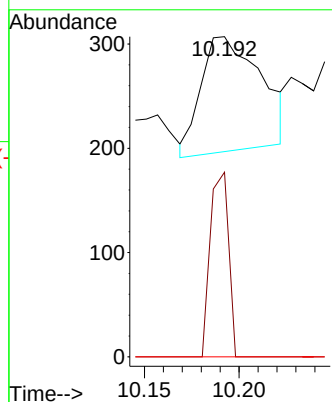
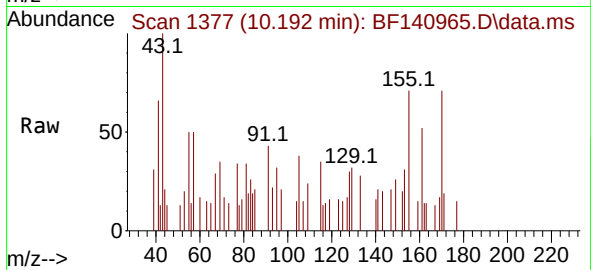




#60
Diethylphthalate
Concen: 2.305 ng
RT: 10.192 min Scan# 1396
Delta R.T. -0.112 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

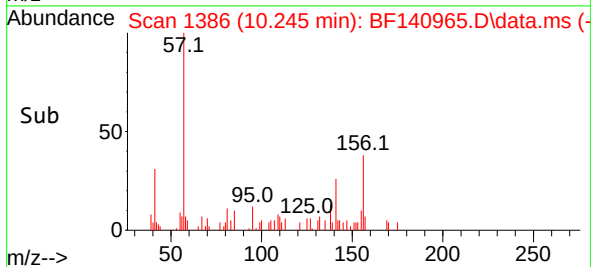
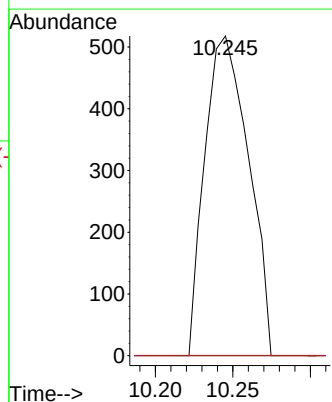
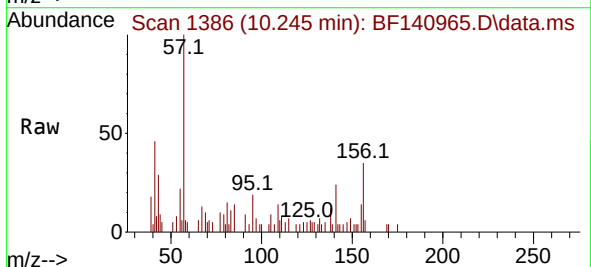
Instrument :
BNA_F
ClientSampleId :

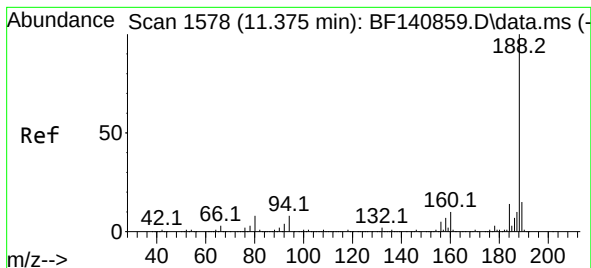
Tgt Ion:149 Resp: 242
Ion Ratio Lower Upper
149 100
177 57.7 17.2 25.8#
150 0.0 10.1 15.1#



#62
4-Nitroaniline
Concen: 42.372 ng
RT: 10.245 min Scan# 1386
Delta R.T. -0.224 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

Tgt Ion:138 Resp: 1017
Ion Ratio Lower Upper
138 100
92 0.0 32.6 72.6#
108 0.0 64.1 104.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.157 min Scan# 11

Delta R.T. -0.218 min

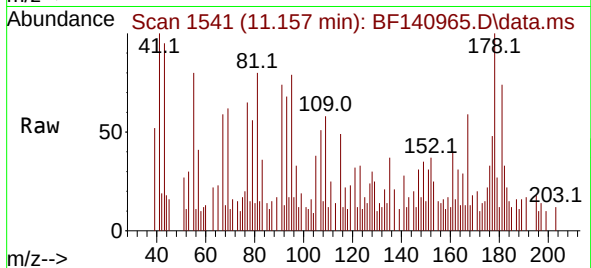
Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

Instrument :

BNA_F

ClientSampleId :



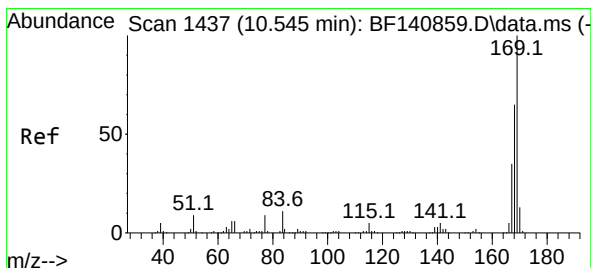
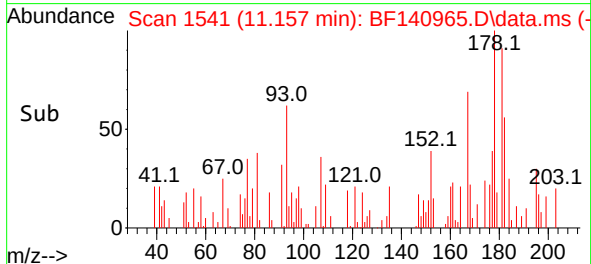
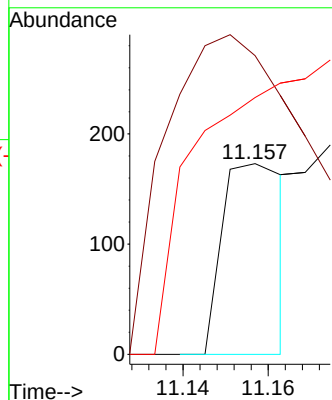
Tgt Ion:188 Resp: 178

Ion	Ratio	Lower	Upper
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188	100		
-----	-----	--	--

94	156.6	6.4	9.6#
----	-------	-----	------

80	134.7	6.8	10.2#
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#66

n-Nitrosodiphenylamine

Concen: 158.057 ng

RT: 10.386 min Scan# 1410

Delta R.T. -0.159 min

Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

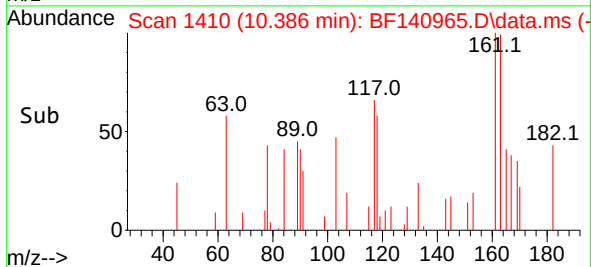
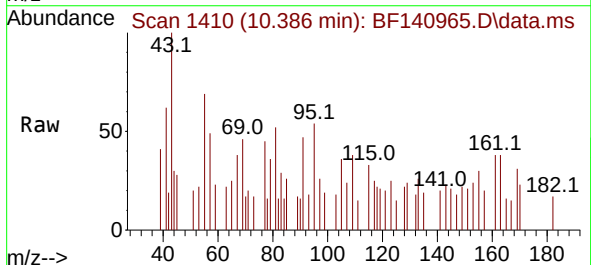
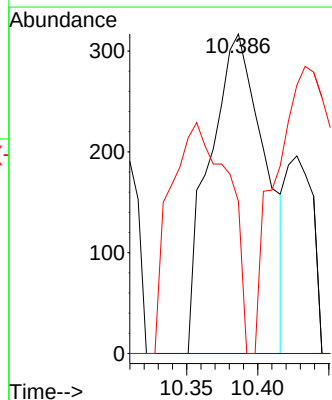
Tgt Ion:169 Resp: 865

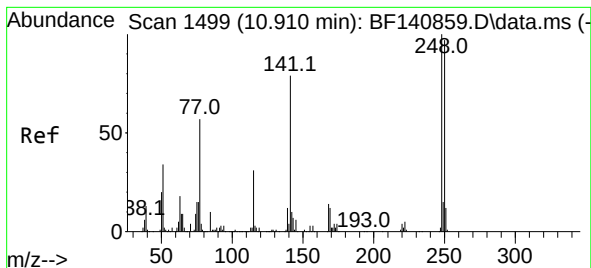
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

169	100		
-----	-----	--	--

168	0.0	53.4	80.0#
-----	-----	------	-------

167	47.6	28.3	42.5#
-----	------	------	-------

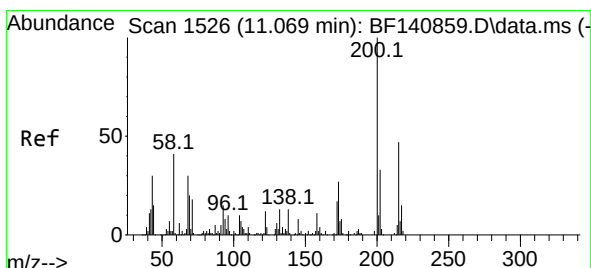
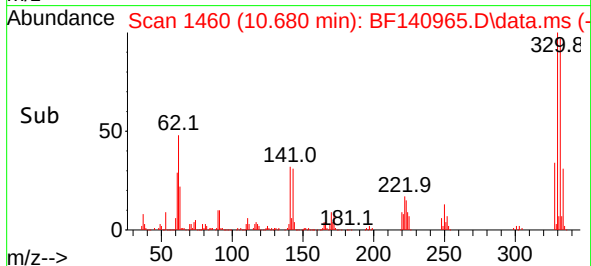
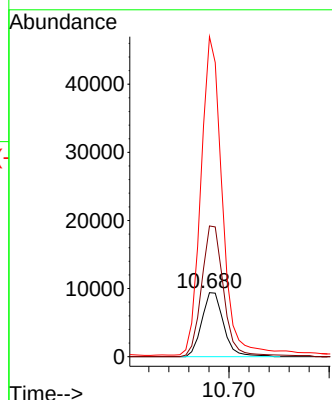
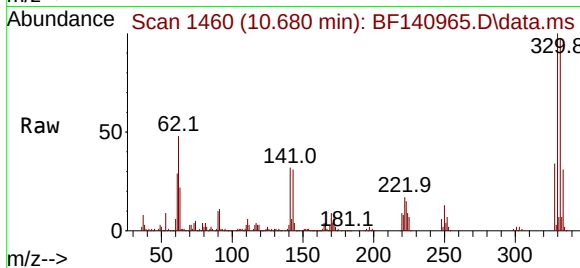




#67
4-Bromophenyl-phenylether
Concen: 7174.593 ng
RT: 10.680 min Scan# 1499
Delta R.T. -0.229 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

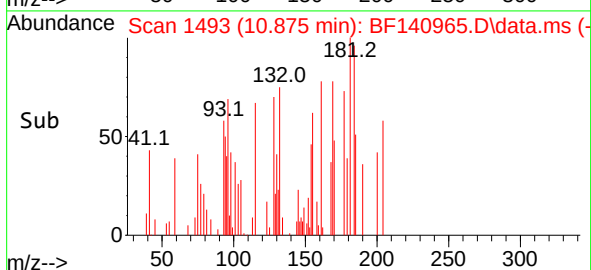
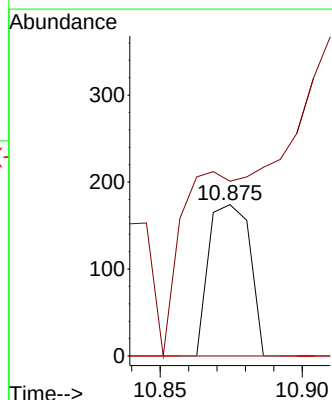
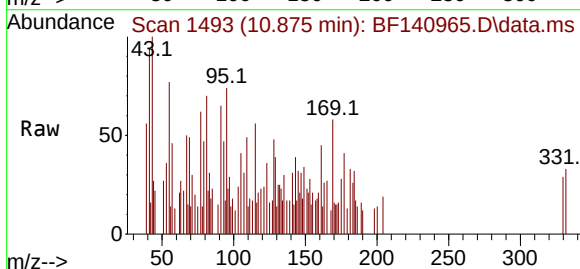
Instrument :
BNA_F
ClientSampleId :

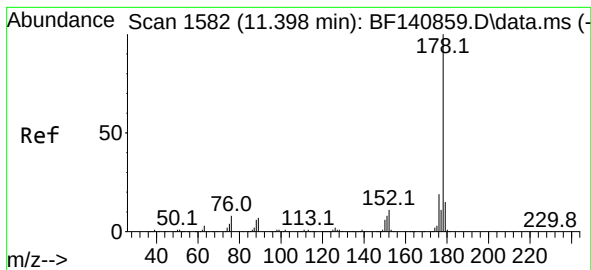
Tgt Ion:248 Resp: 14287
Ion Ratio Lower Upper
248 100
250 204.5 77.4 116.2#
141 500.3 62.9 94.3#



#69
Atrazine
Concen: 114.494 ng
RT: 10.875 min Scan# 1493
Delta R.T. -0.194 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

Tgt Ion:200 Resp: 175
Ion Ratio Lower Upper
200 100
173 115.5 6.6 46.6#
215 0.0 26.7 66.7#





#71

Phenanthrene

Concen: 1696.287 ng

RT: 11.139 min Scan# 11

Delta R.T. -0.259 min

Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

Instrument :

BNA_F

ClientSampleId :

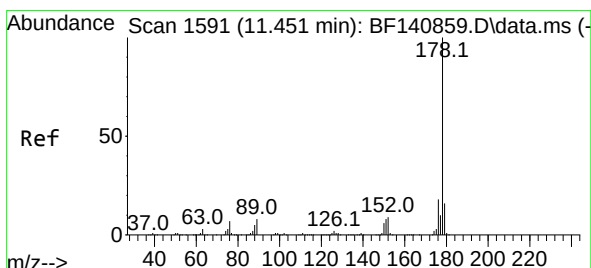
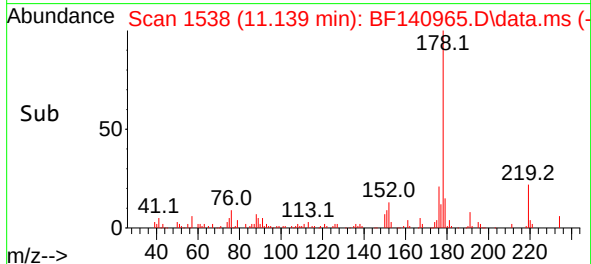
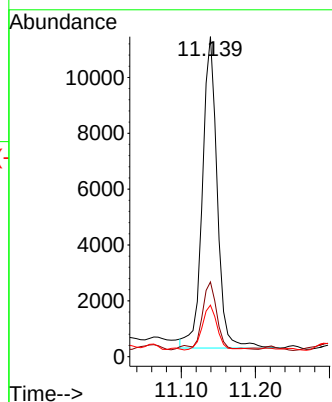
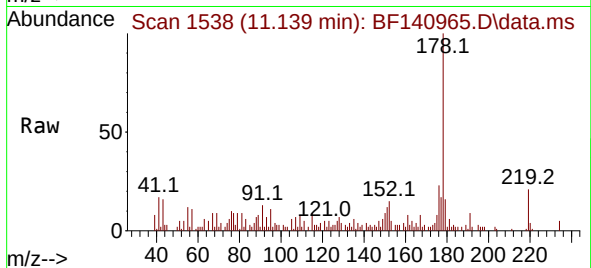
Tgt Ion:178 Resp: 15527

Ion Ratio Lower Upper

178 100

176 23.3 15.4 23.2#

179 16.1 12.1 18.1



#72

Anthracene

Concen: 1735.222 ng

RT: 11.139 min Scan# 1538

Delta R.T. -0.312 min

Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

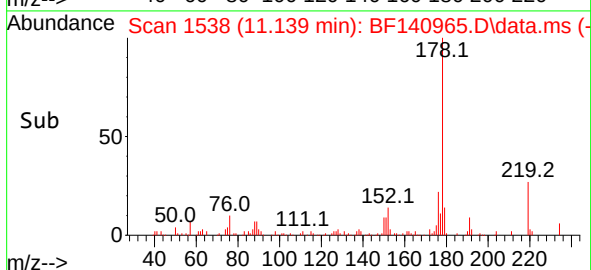
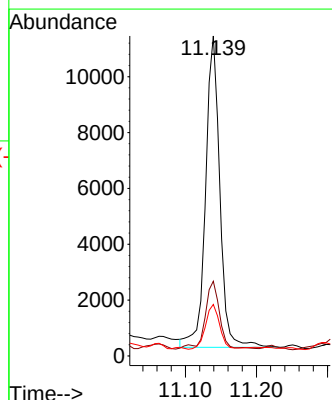
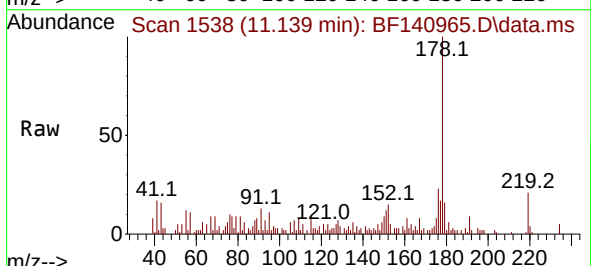
Tgt Ion:178 Resp: 15642

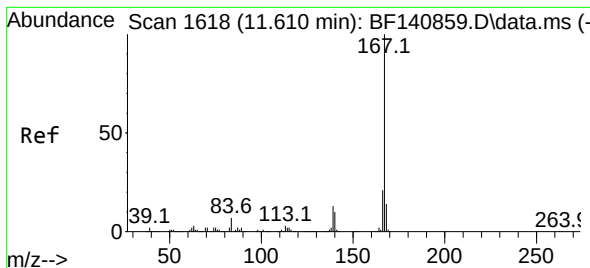
Ion Ratio Lower Upper

178 100

176 23.3 14.6 22.0#

179 16.1 12.6 18.8





#73

Carbazole

Concen: 13.817 ng

RT: 11.375 min Scan# 11

Delta R.T. -0.235 min

Lab File: BF140965.D

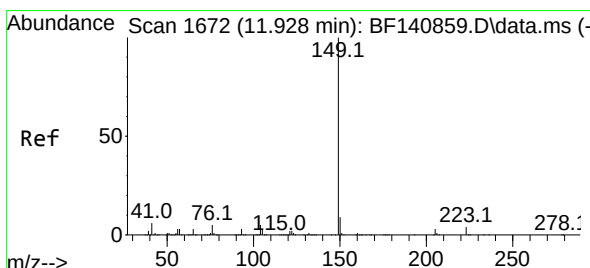
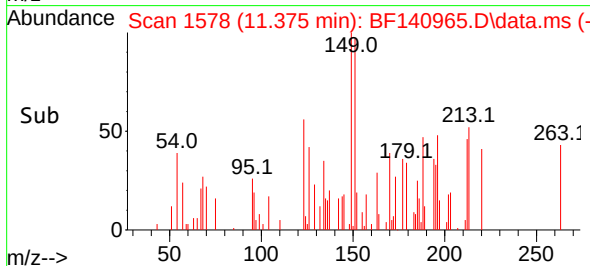
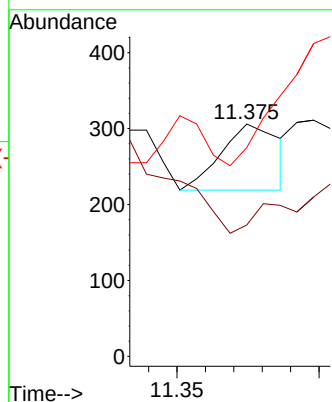
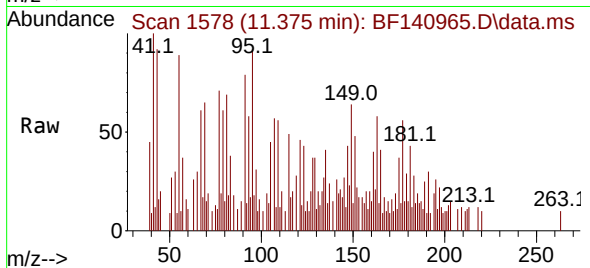
Acq: 23 Dec 2024 14:36

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:167	Resp:	122
Ion Ratio	Lower	Upper
167	100	
166	56.5	17.0 25.6#
139	89.9	10.2 15.2#



#74

Di-n-butylphthalate

Concen: 146.299 ng

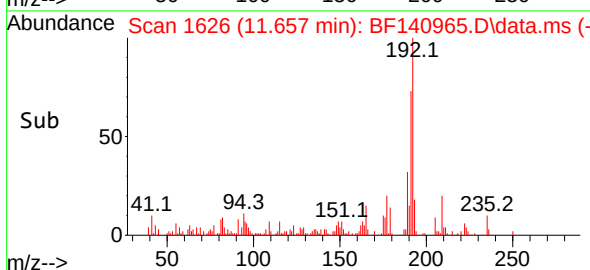
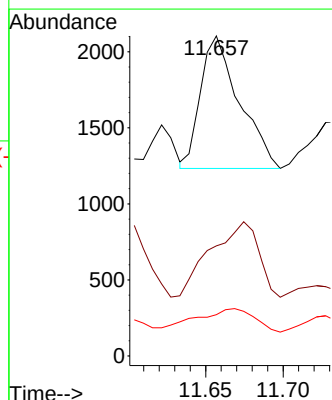
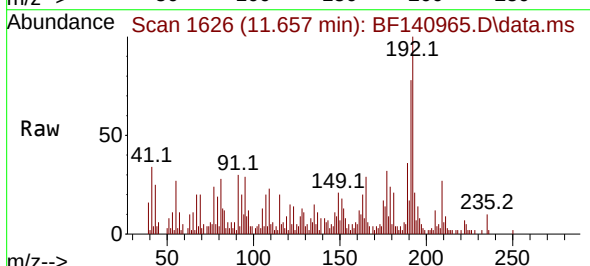
RT: 11.657 min Scan# 1626

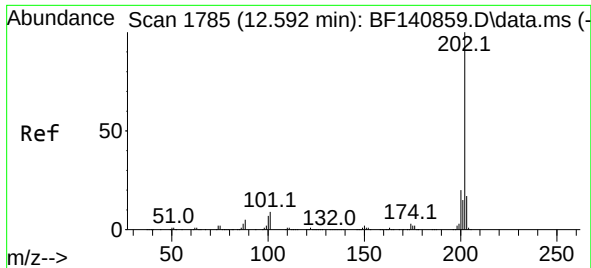
Delta R.T. -0.271 min

Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

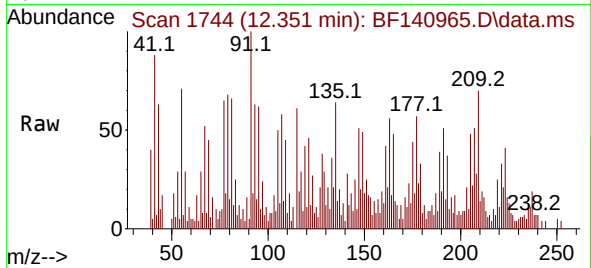
Tgt Ion:149	Resp:	1516
Ion Ratio	Lower	Upper
149	100	
150	34.4	7.5 11.3#
104	12.9	3.8 5.8#



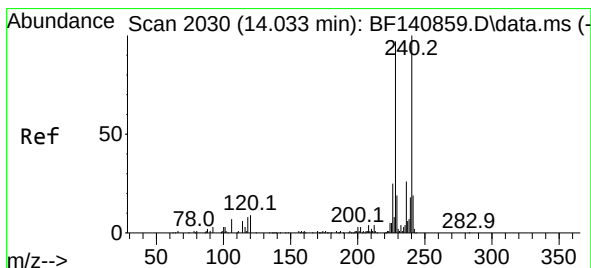
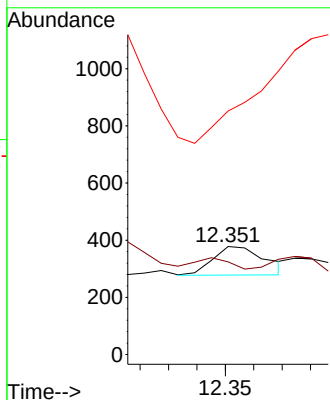
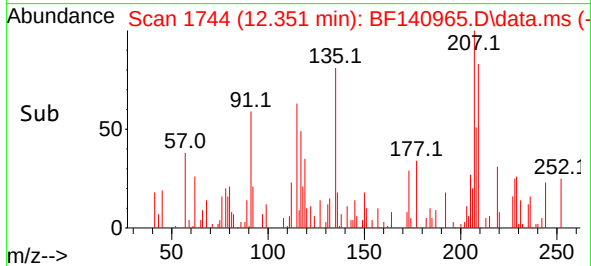


#75
Fluoranthene
Concen: 12.047 ng
RT: 12.351 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

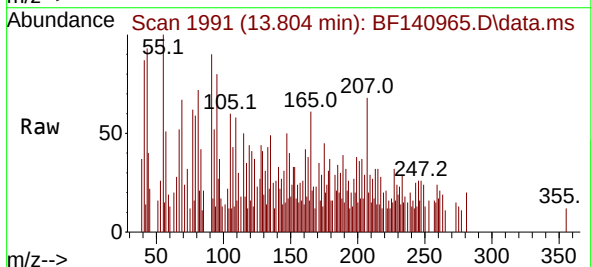
Instrument :
BNA_F
ClientSampleId :



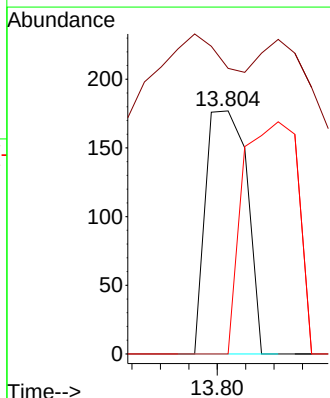
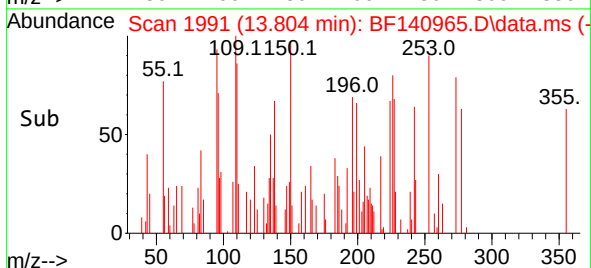
Tgt Ion:202 Resp: 127
Ion Ratio Lower Upper
202 100
101 85.7 0.0 29.3#
203 225.4 0.0 37.4#

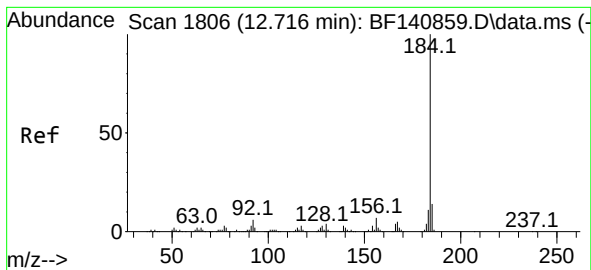


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1991
Delta R.T. -0.229 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36



Tgt Ion:240 Resp: 177
Ion Ratio Lower Upper
240 100
120 117.5 7.6 11.4#
236 0.0 20.5 30.7#





#77

Benzidine

Concen: 94.948 ng

RT: 12.498 min Scan# 1

Delta R.T. -0.218 min

Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

Instrument :

BNA_F

ClientSampleId :

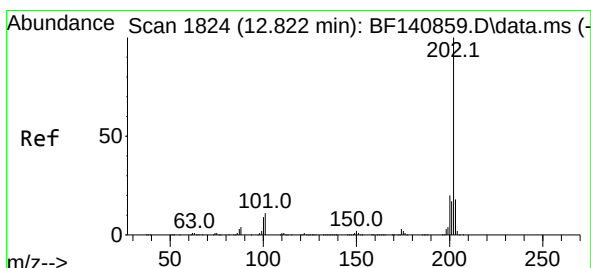
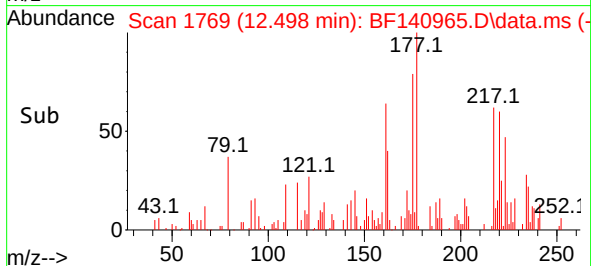
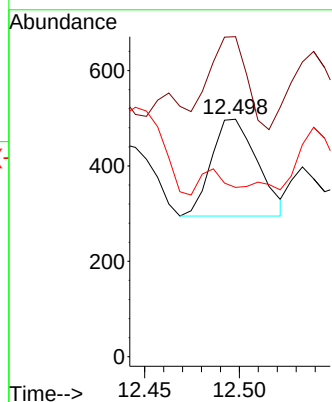
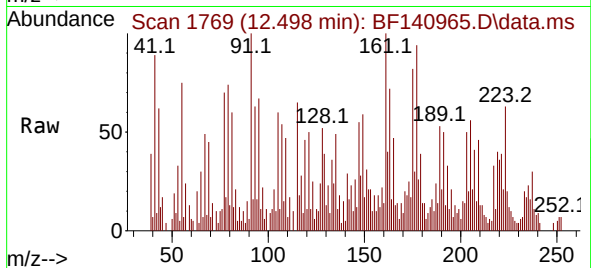
Tgt Ion:184 Resp: 343

Ion Ratio Lower Upper

184 100

185 134.7 11.1 16.7#

183 71.3 9.0 13.4#



#78

Pyrene

Concen: 42.821 ng

RT: 12.598 min Scan# 1786

Delta R.T. -0.224 min

Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

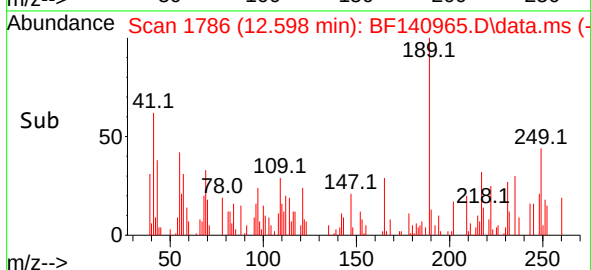
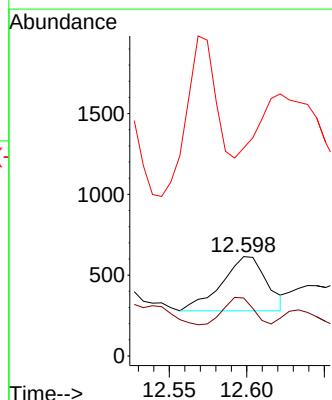
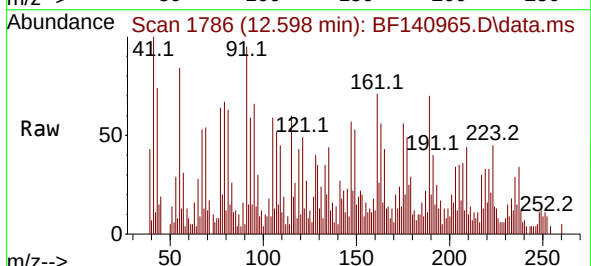
Tgt Ion:202 Resp: 674

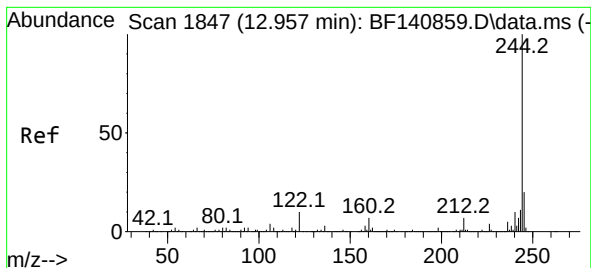
Ion Ratio Lower Upper

202 100

200 58.4 16.1 24.1#

203 209.3 14.2 21.4#





#79

Terphenyl-d14

Concen: 86052.649 ng

RT: 12.963 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

Instrument :

BNA_F

ClientSampleId :

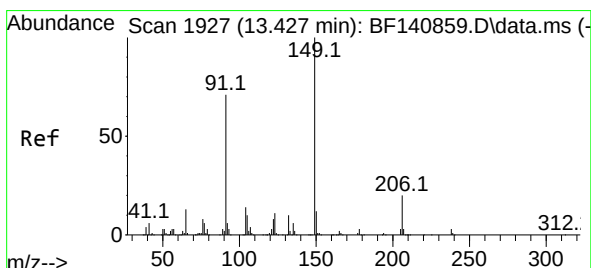
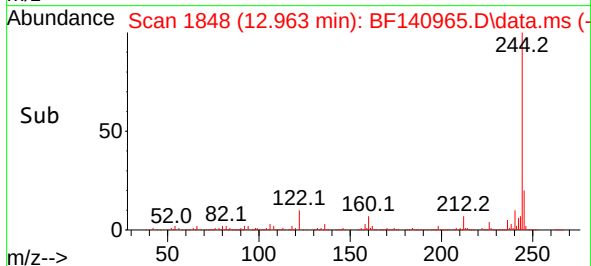
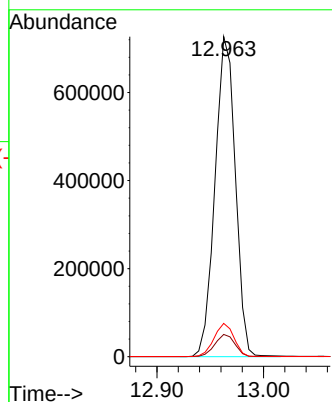
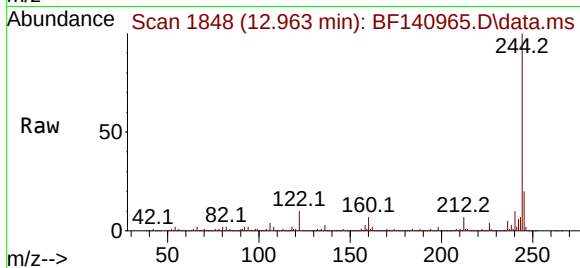
Tgt Ion:244 Resp: 965922

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.4 8.2 12.2



#80

Butylbenzylphthalate

Concen: 98.420 ng

RT: 13.163 min Scan# 1882

Delta R.T. -0.265 min

Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

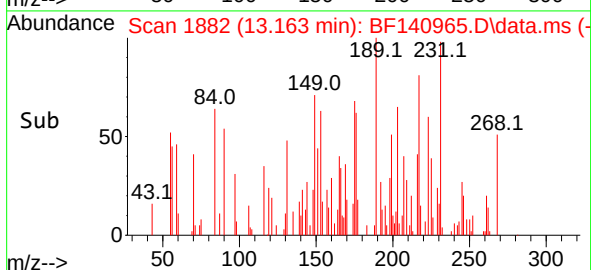
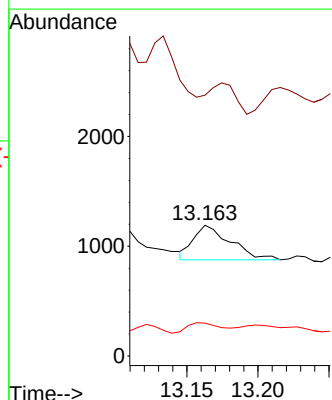
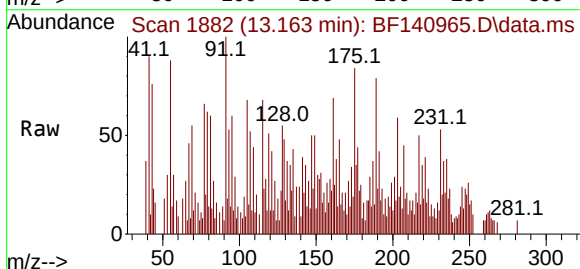
Tgt Ion:149 Resp: 570

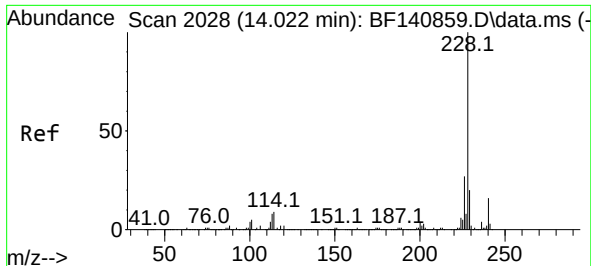
Ion Ratio Lower Upper

149 100

91 199.3 56.7 85.1#

206 25.2 16.4 24.6#

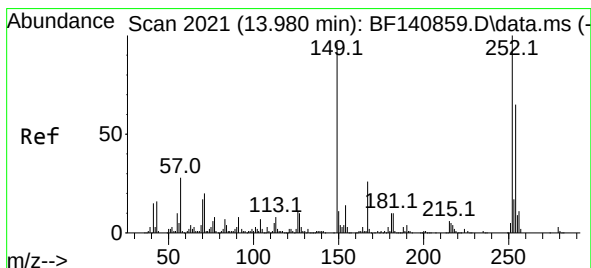
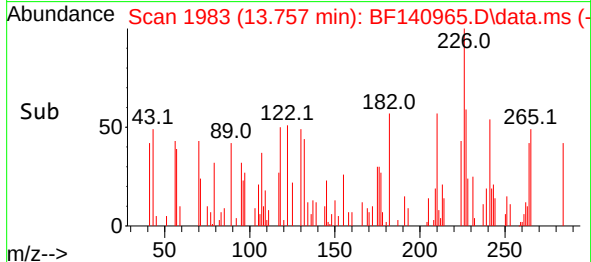
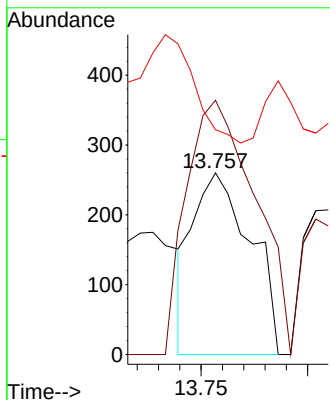
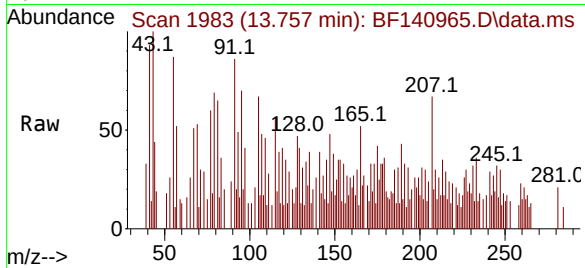




#81
Benzo(a)anthracene
Concen: 39.061 ng
RT: 13.757 min Scan# 1978
Delta R.T. -0.265 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

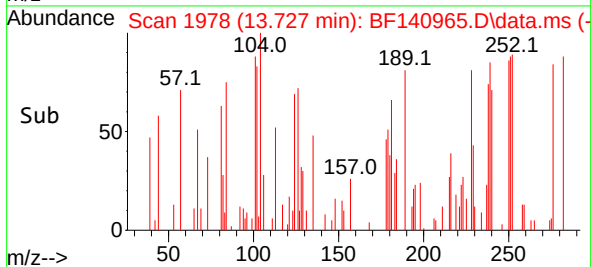
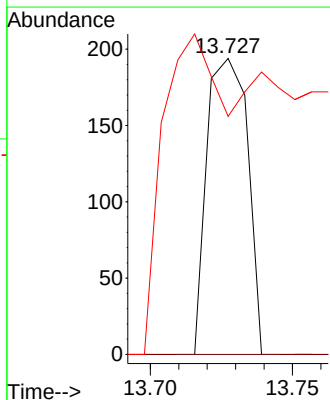
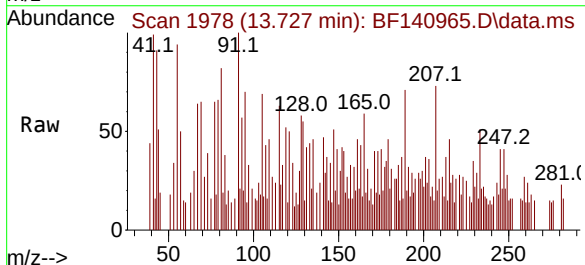
Instrument :
BNA_F
ClientSampleId :

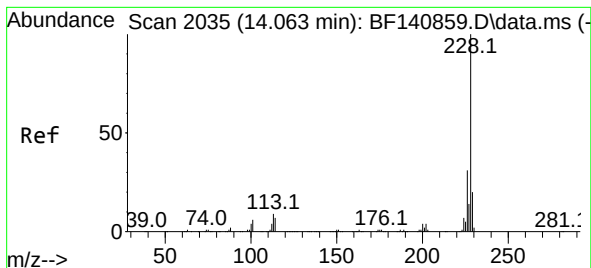
Tgt Ion:228 Resp: 490
Ion Ratio Lower Upper
228 100
226 140.0 21.8 32.8#
229 123.8 15.8 23.8#



#82
3,3'-Dichlorobenzidine
Concen: 50.730 ng
RT: 13.727 min Scan# 1978
Delta R.T. -0.253 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

Tgt Ion:252 Resp: 192
Ion Ratio Lower Upper
252 100
254 0.0 52.3 78.5#
126 80.4 8.4 12.6#





#83

Chrysene

Concen: 56.718 ng

RT: 13.833 min Scan# 1996

Delta R.T. -0.229 min

Lab File: BF140965.D

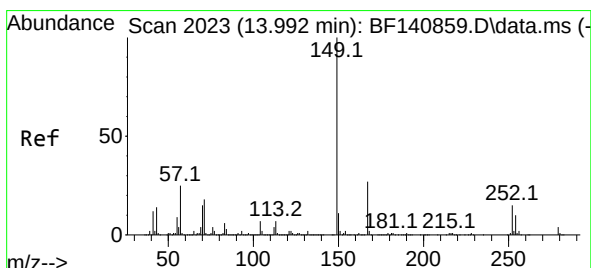
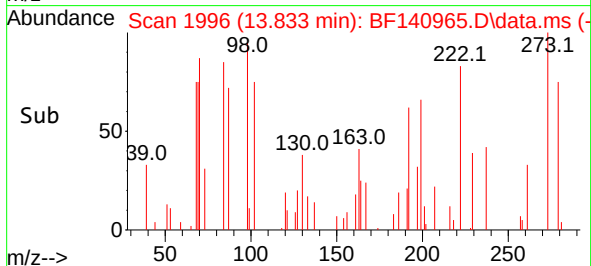
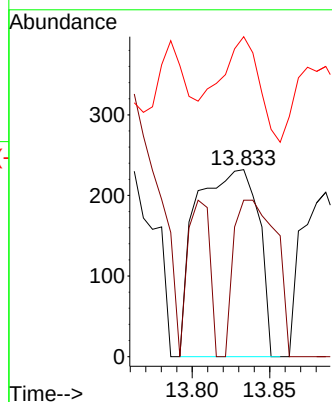
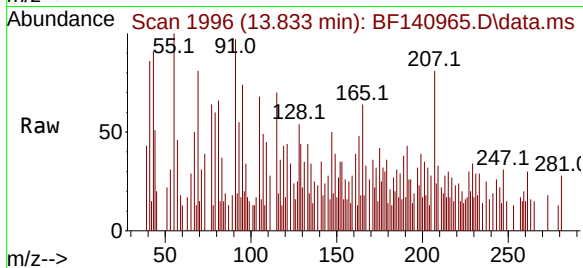
Acq: 23 Dec 2024 14:36

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:228	Resp:	647
Ion Ratio	Lower	Upper
228	100	
226	83.6	24.1 36.1#
229	171.1	16.0 24.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.488 ng

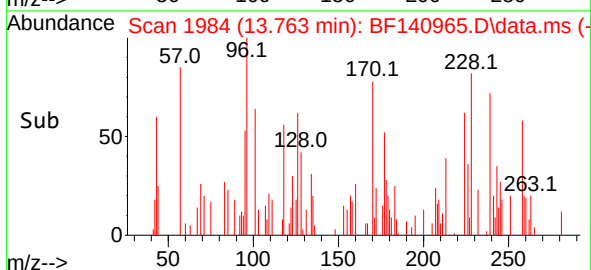
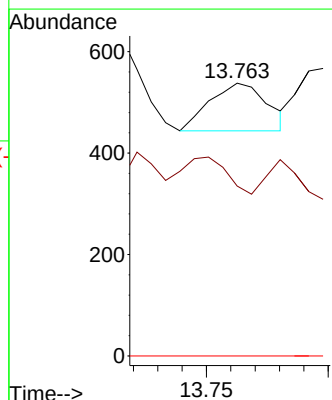
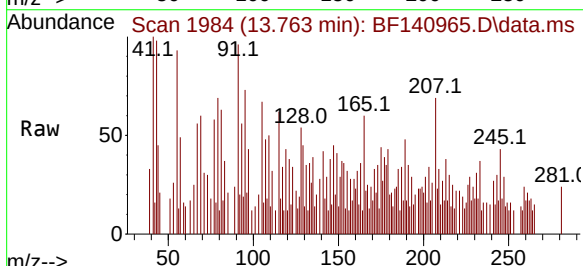
RT: 13.763 min Scan# 1984

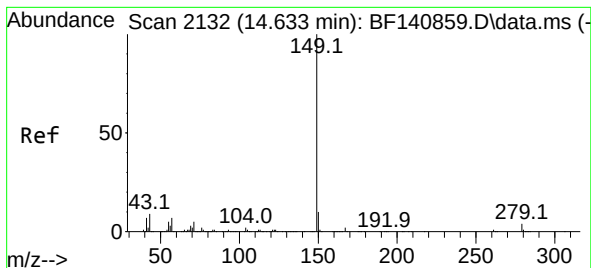
Delta R.T. -0.229 min

Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

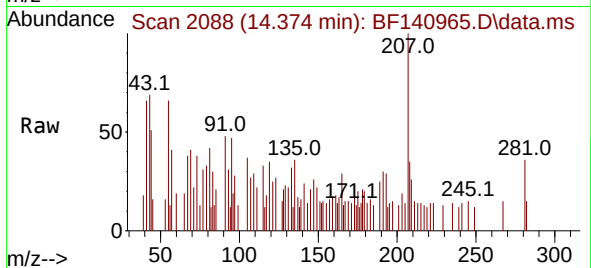
Tgt Ion:149	Resp:	153
Ion Ratio	Lower	Upper
149	100	
167	62.3	21.8 32.8#
279	0.0	3.5 5.3#



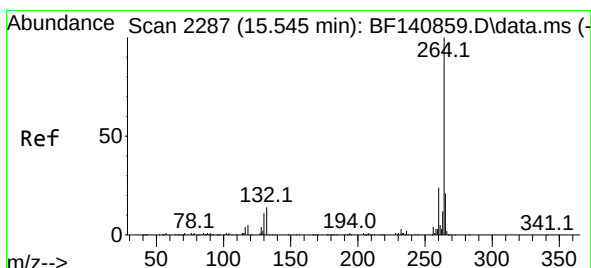
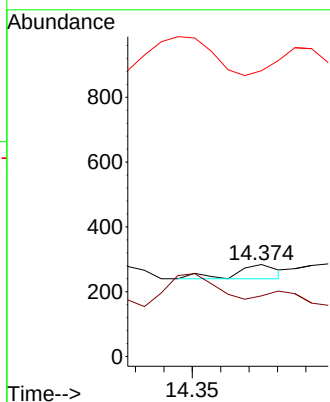
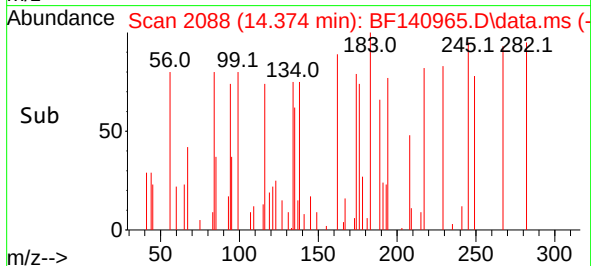


#85
Di-n-octyl phthalate
Concen: 3.983 ng
RT: 14.374 min Scan# 2088
Delta R.T. -0.259 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

Instrument :
BNA_F
ClientSampleId :

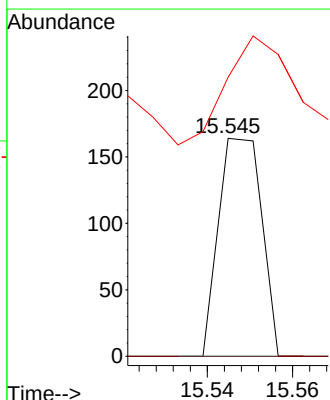
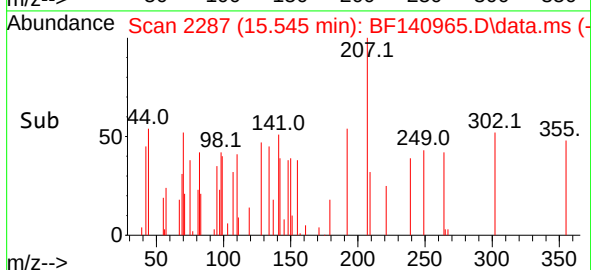
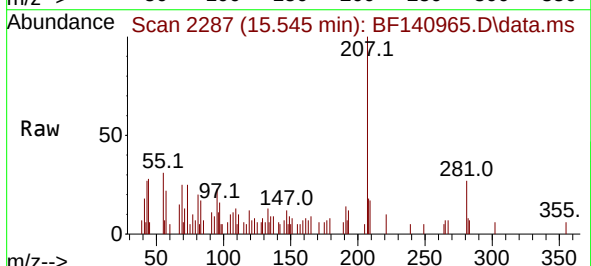


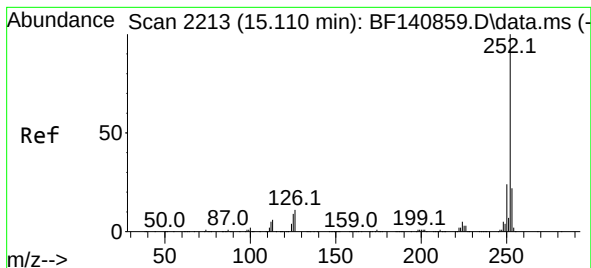
Tgt Ion:149 Resp: 45
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 646.7 7.0 10.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. -0.000 min
Lab File: BF140965.D
Acq: 23 Dec 2024 14:36

Tgt Ion:264 Resp: 115
Ion Ratio Lower Upper
264 100
260 0.0 19.1 28.7#
265 128.0 17.0 25.4#





#88

Benzo(b)fluoranthene

Concen: 57.249 ng

RT: 15.215 min Scan# 2213

Delta R.T. 0.106 min

Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

Instrument :

BNA_F

ClientSampleId :

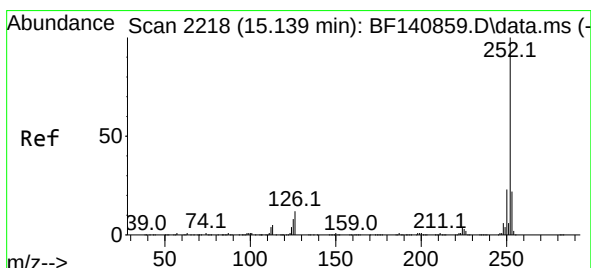
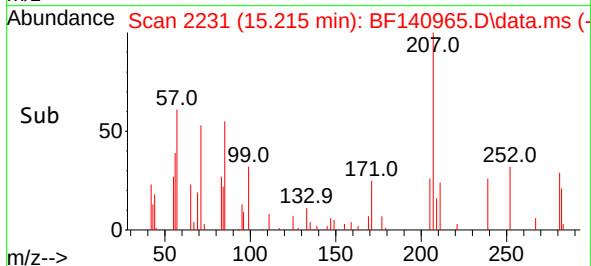
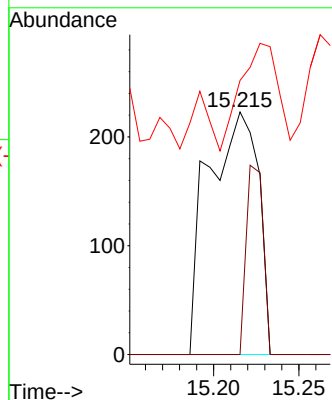
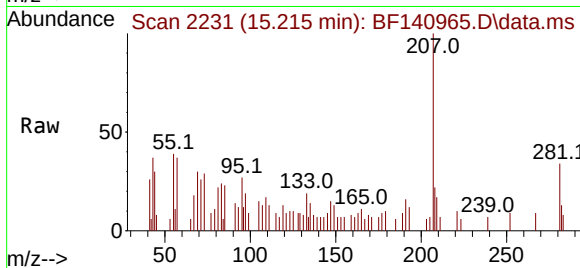
Tgt Ion:252 Resp: 457

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.6#

125 113.0 7.0 10.4#



#89

Benzo(k)fluoranthene

Concen: 66.739 ng

RT: 15.215 min Scan# 2231

Delta R.T. 0.076 min

Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

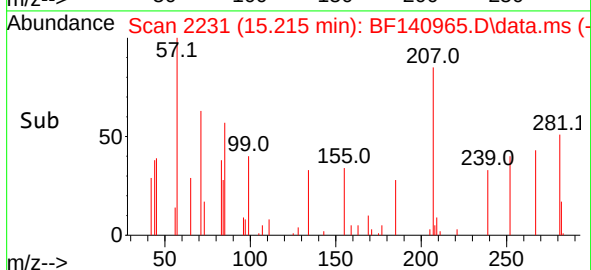
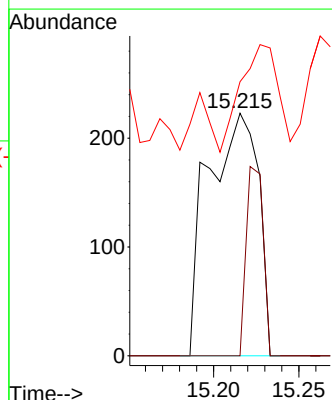
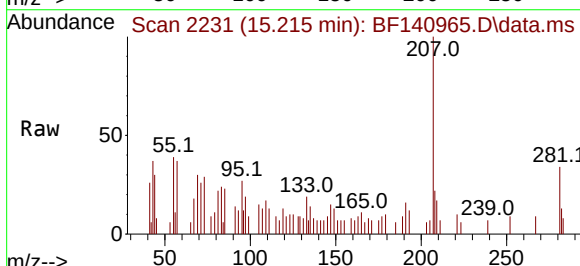
Tgt Ion:252 Resp: 457

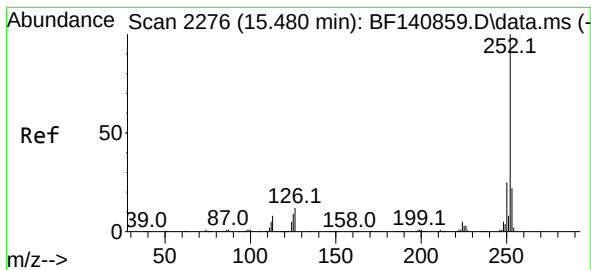
Ion Ratio Lower Upper

252 100

253 0.0 17.5 26.3#

125 113.0 6.8 10.2#





#90

Benzo(a)pyrene

Concen: 53.274 ng

RT: 15.215 min Scan# 21

Delta R.T. -0.265 min

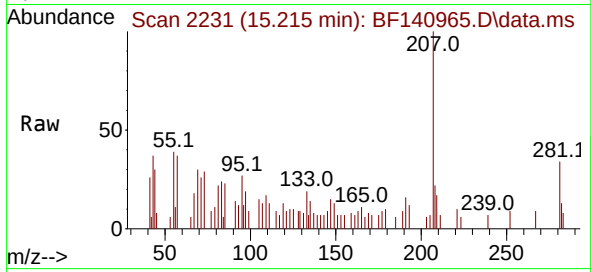
Lab File: BF140965.D

Acq: 23 Dec 2024 14:36

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:252 Resp: 333

Ion Ratio Lower Upper

252 100

253 0.0 17.5 26.3#

125 113.0 7.5 11.3#

