

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062325\
 Data File : BF142805.D
 Acq On : 23 Jun 2025 14:39
 Operator : RC/JU
 Sample : Q2367-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-5

Quant Time: Jun 24 06:40:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	66955	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	252321	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	132781	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	227233	20.000	ng	0.00
76) Chrysene-d12	14.051	240	147427	20.000	ng	0.00
86) Perylene-d12	15.539	264	127798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	460277	114.454	ng	0.01
7) Phenol-d6	6.510	99	478423	100.835	ng	0.00
23) Nitrobenzene-d5	7.439	82	381958	83.032	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	184947	135.353	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	800944	79.242	ng	0.00
79) Terphenyl-d14	12.998	244	771477	72.304	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.587	79	510	0.126	ng	# 70
4) n-Nitrosodimethylamine	3.422	42	171	0.082	ng	# 1
9) Benzaldehyde	6.510	77	682	0.242	ng	# 1
10) Phenol	6.516	94	277	0.053	ng	# 1
15) Benzyl Alcohol	6.881	79	1622	0.473	ng	# 22
16) 2,2'-oxybis(1-Chloropr...	7.151	45	160	0.026	ng	# 70
19) n-Nitroso-di-n-propyla...	7.439	70	52134	18.893	ng	# 76
22) Acetophenone	7.287	105	369	0.066	ng	# 68
24) Nitrobenzene	7.439	77	1217	0.292	ng	# 33
25) Isophorone	7.439	82	380211	51.524	ng	# 62
27) 2,4-Dimethylphenol	7.881	122	711	0.181	ng	# 5
31) Naphthalene	8.181	128	1296	0.105	ng	# 92
32) Benzoic acid	7.881	122	711	0.355	ng	# 86
33) 4-Chloroaniline	8.181	127	54	0.011	ng	# 17
37) 2-Methylnaphthalene	8.875	142	570	0.074	ng	# 88
38) 1-Methylnaphthalene	8.875	142	570	0.072	ng	# 91
46) 1,1'-Biphenyl	9.339	154	190	0.018	ng	# 43
48) 2-Nitroaniline	9.239	65	1199	0.543	ng	# 1
49) Acenaphthylene	9.951	152	60	0.005	ng	# 1
50) Dimethylphthalate	9.633	163	15482	1.801	ng	# 97
51) 2,6-Dinitrotoluene	9.916	165	17248	9.138	ng	# 27
52) Acenaphthene	9.951	154	228	0.029	ng	# 88
55) Dibenzofuran	10.122	168	361	0.032	ng	# 45
57) 2,4-Dinitrotoluene	9.916	165	17248	6.879	ng	# 28
58) Fluorene	10.469	166	320	0.036	ng	# 89
60) Diethylphthalate	10.327	149	15972	1.895	ng	# 98
63) Azobenzene	10.622	77	830	0.110	ng	# 23
65) 4,6-Dinitro-2-methylph...	10.710	198	323	0.235	ng	# 1
66) n-Nitrosodiphenylamine	10.710	169	5702	0.724	ng	# 45
67) 4-Bromophenyl-phenylether	10.710	248	12047	4.658	ng	# 1
71) Phenanthrene	11.427	178	1356	0.110	ng	# 93
72) Anthracene	11.480	178	402	0.032	ng	# 61
73) Carbazole	11.639	167	731	0.067	ng	# 60
74) Di-n-butylphthalate	11.963	149	10540	0.929	ng	# 99
75) Fluoranthene	12.621	202	1222	0.105	ng	# 92
77) Benzidine	12.992	184	10200	1.841	ng	# 92

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

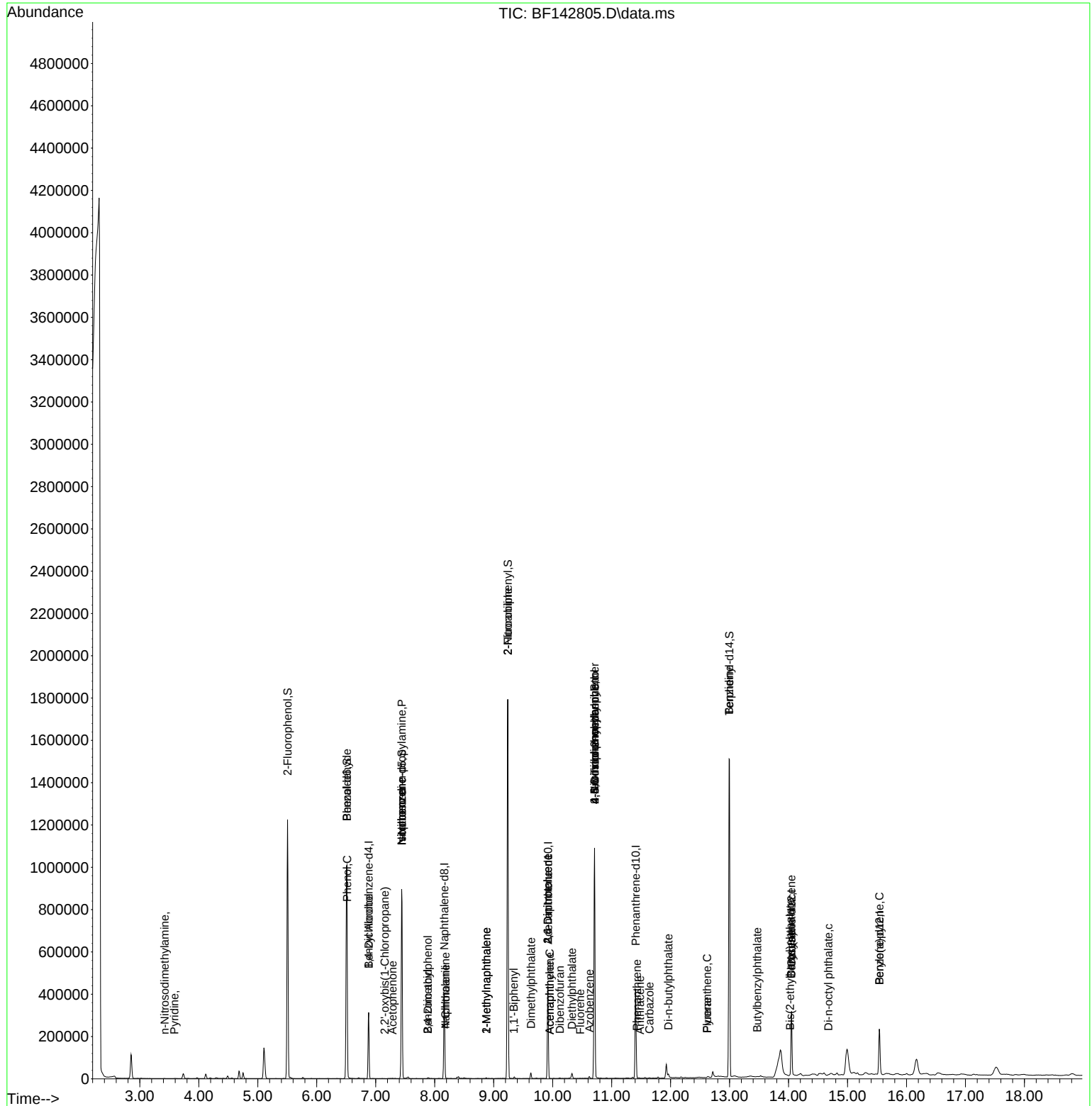
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Pyrene	12.621	202	1222	0.088	ng	99
80) Butylbenzylphthalate	13.468	149	281	0.070	ng #	25
81) Benzo(a)anthracene	14.045	228	676	0.068	ng #	36
83) Chrysene	14.045	228	676	0.076	ng #	35
84) Bis(2-ethylhexyl)phtha...	14.027	149	2191	0.380	ng #	88
85) Di-n-octyl phthalate	14.674	149	888	0.082	ng #	77
90) Benzo(a)pyrene	15.539	252	258	0.036	ng #	10

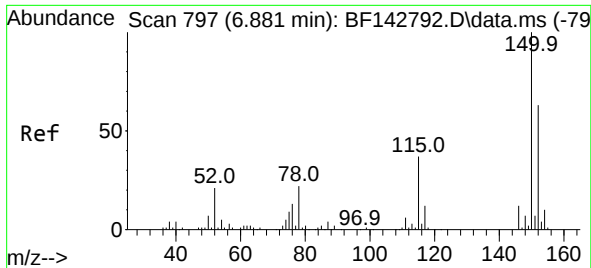
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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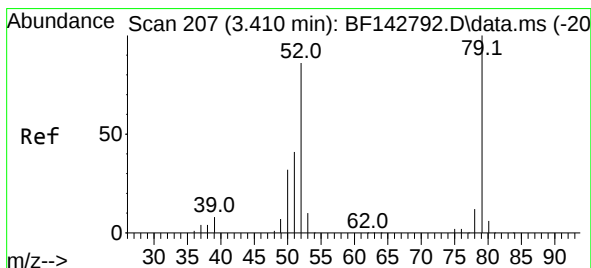
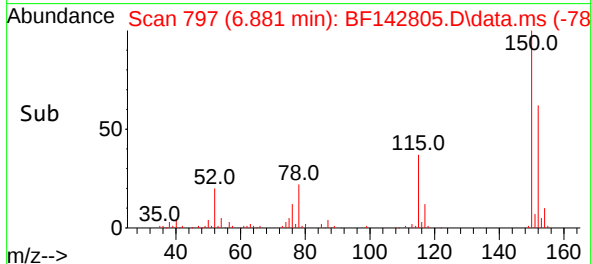
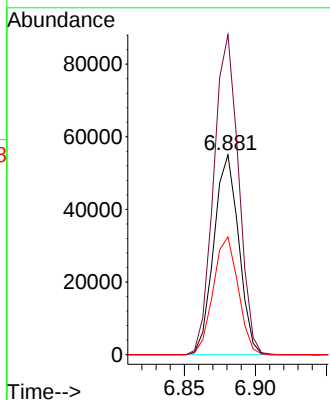
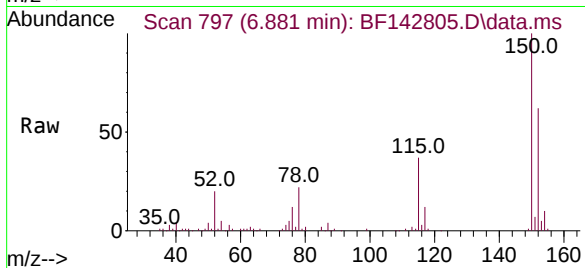




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

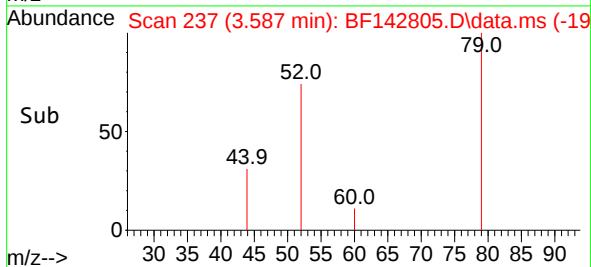
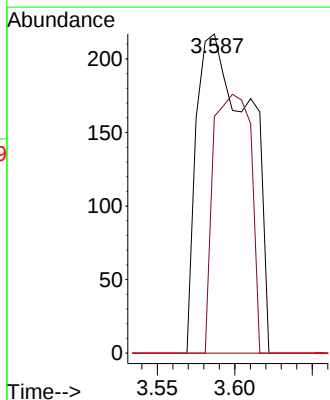
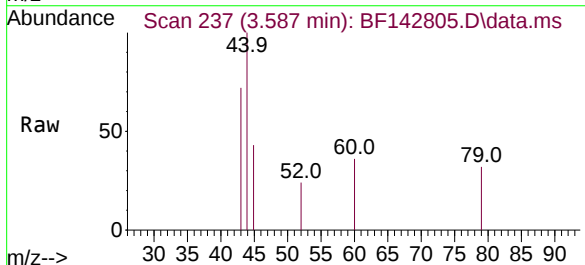
Instrument :
BNA_F
ClientSampleId :
EP-5

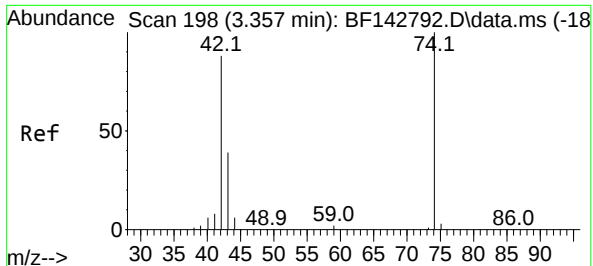
Tgt Ion:152 Resp: 66955
Ion Ratio Lower Upper
152 100
150 160.2 127.2 190.8
115 58.9 46.6 69.8



#3
Pyridine
Concen: 0.126 ng
RT: 3.587 min Scan# 237
Delta R.T. 0.176 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

Tgt Ion: 79 Resp: 510
Ion Ratio Lower Upper
79 100
52 74.2 69.2 103.8
51 0.0 33.2 49.8#

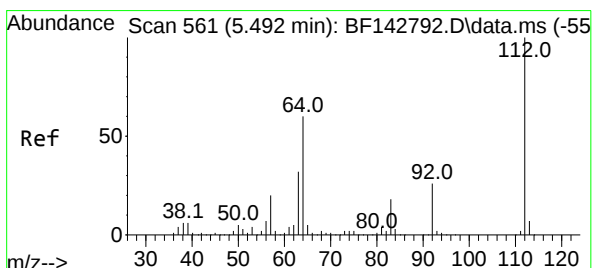
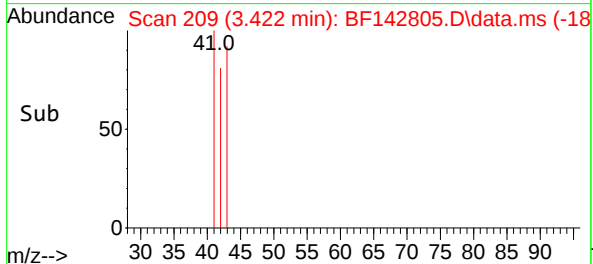
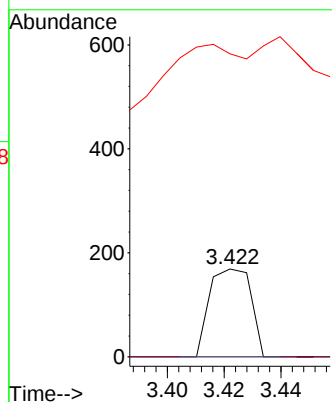
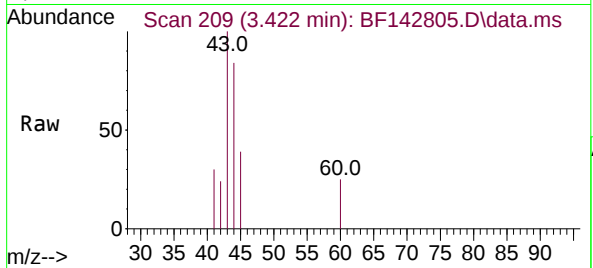




#4
n-Nitrosodimethylamine
Concen: 0.082 ng
RT: 3.422 min Scan# 20
Delta R.T. 0.065 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

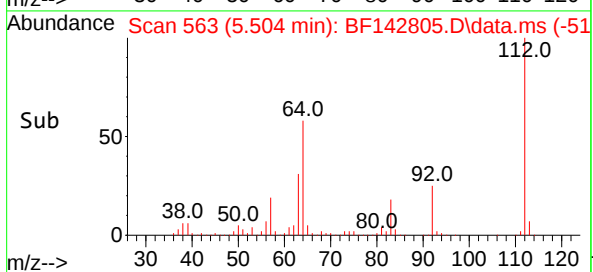
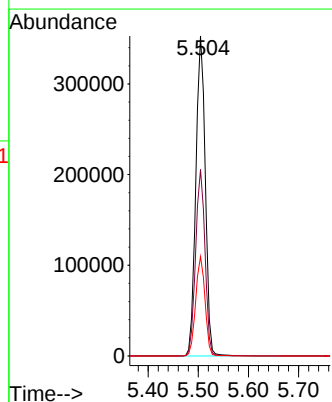
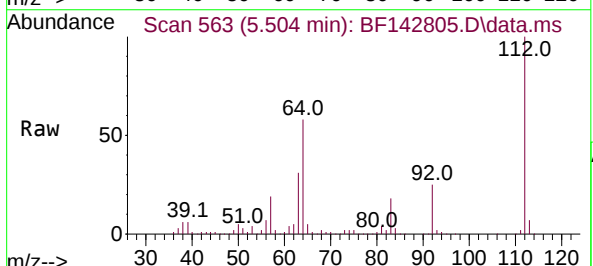
Instrument :
BNA_F
ClientSampleId :
EP-5

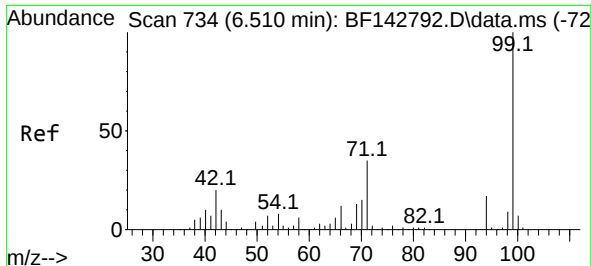
Tgt Ion: 42 Resp: 171
Ion Ratio Lower Upper
42 100
74 0.0 90.9 136.3#
44 345.0 5.8 8.6#



#5
2-Fluorophenol
Concen: 114.454 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

Tgt Ion: 112 Resp: 460277
Ion Ratio Lower Upper
112 100
64 58.2 48.2 72.2
63 31.0 25.7 38.5





#7

Phenol-d6

Concen: 100.835 ng

RT: 6.510 min Scan# 734

Delta R.T. 0.000 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

Instrument :

BNA_F

ClientSampleId :

EP-5

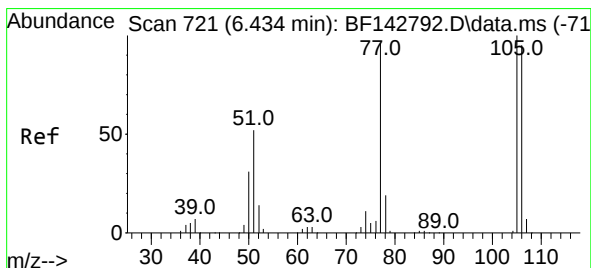
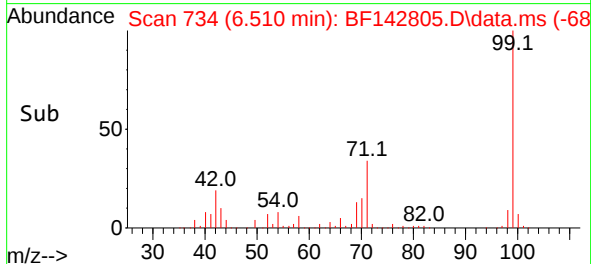
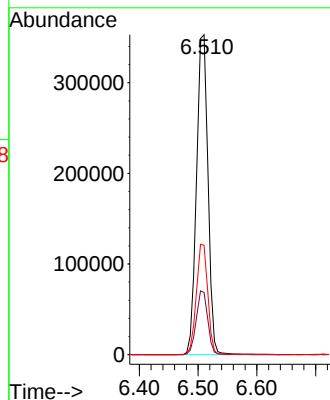
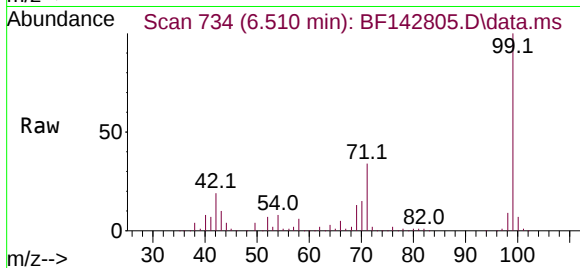
Tgt Ion: 99 Resp: 478423

Ion Ratio Lower Upper

99 100

42 19.4 15.9 23.9

71 34.2 27.8 41.8



#9

Benzaldehyde

Concen: 0.242 ng

RT: 6.510 min Scan# 734

Delta R.T. 0.076 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

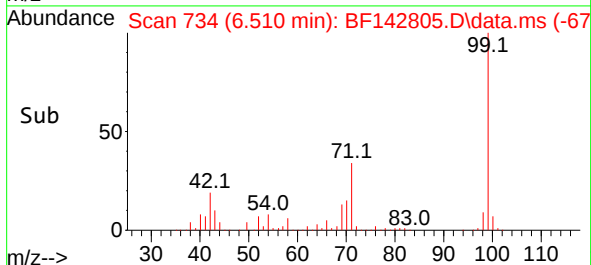
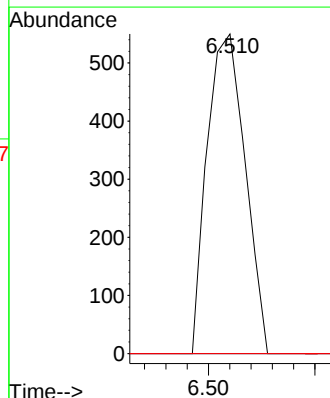
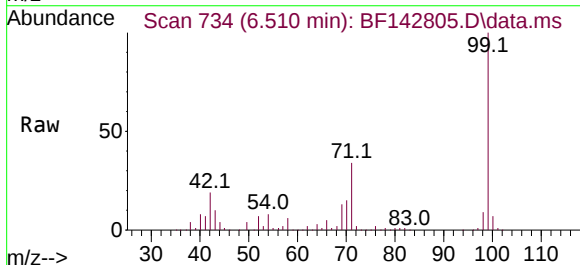
Tgt Ion: 77 Resp: 682

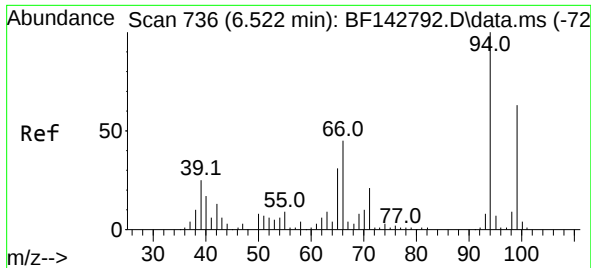
Ion Ratio Lower Upper

77 100

105 0.0 83.8 123.8#

106 0.0 78.7 118.7#





#10

Phenol

Concen: 0.053 ng

RT: 6.516 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

Instrument :

BNA_F

ClientSampleId :

EP-5

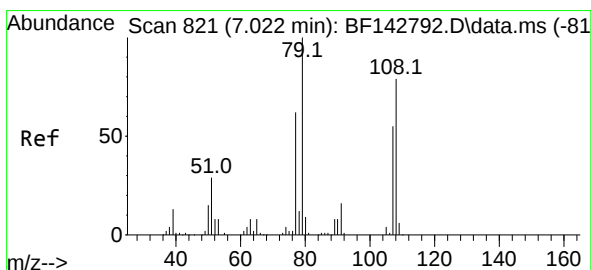
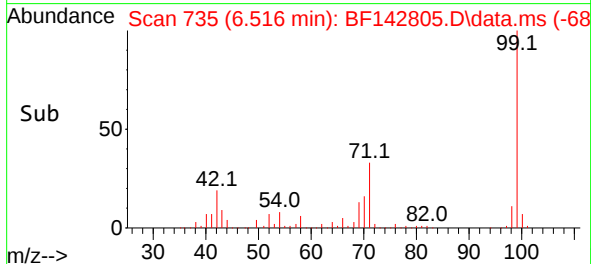
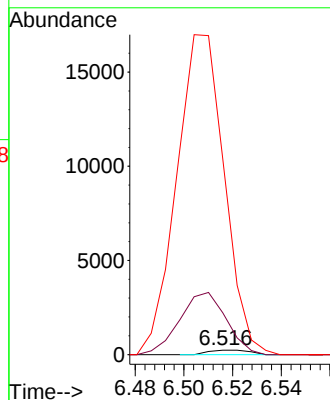
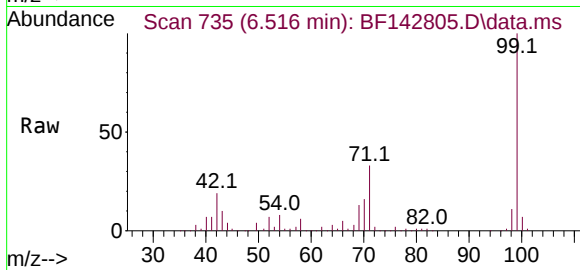
Tgt Ion: 94 Resp: 277

Ion Ratio Lower Upper

94 100

65 938.4 11.3 51.3#

66 4387.8 24.9 64.9#



#15

Benzyl Alcohol

Concen: 0.473 ng

RT: 6.881 min Scan# 797

Delta R.T. -0.141 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

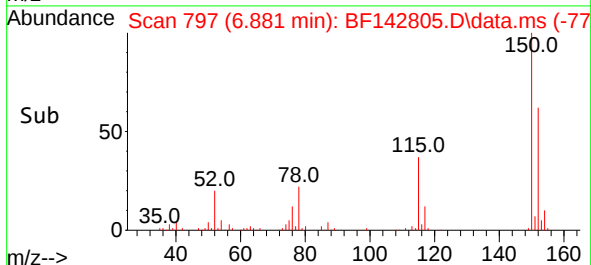
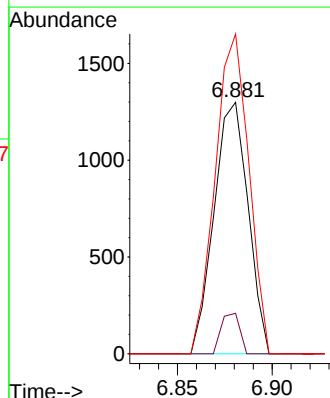
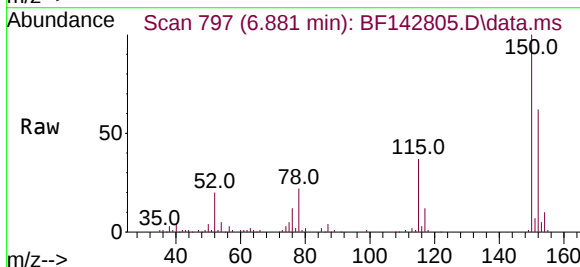
Tgt Ion: 79 Resp: 1622

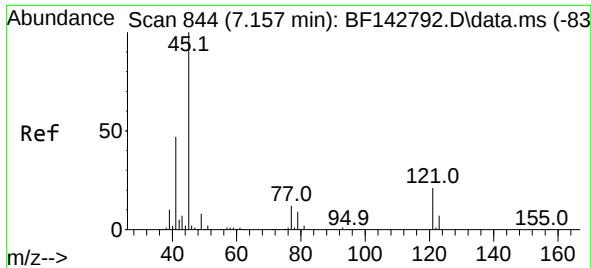
Ion Ratio Lower Upper

79 100

108 16.1 63.4 95.0#

77 127.2 49.5 74.3#

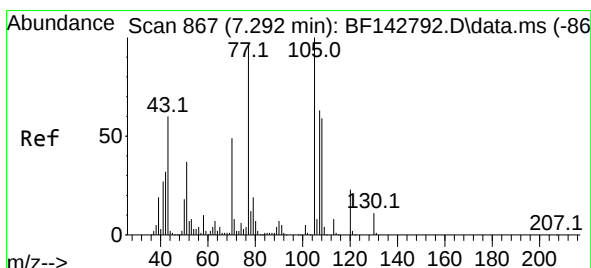
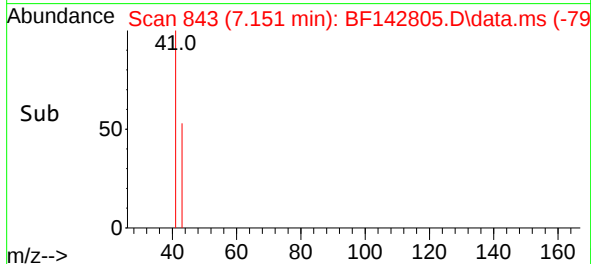
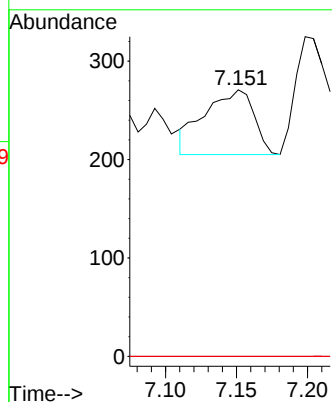
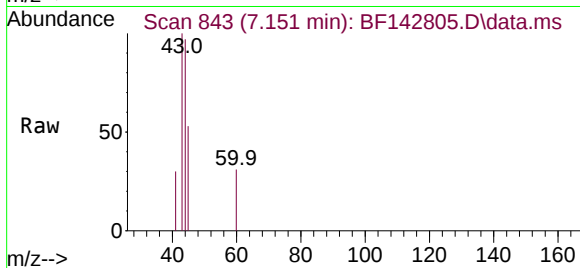




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.026 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

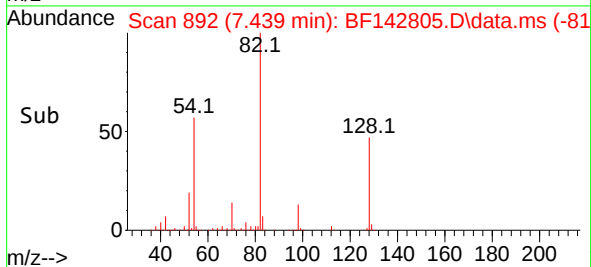
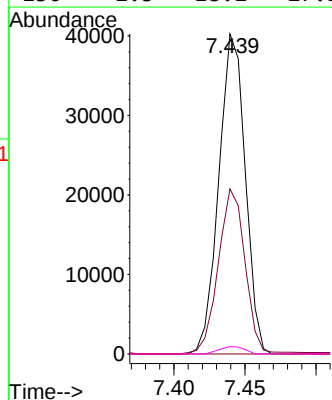
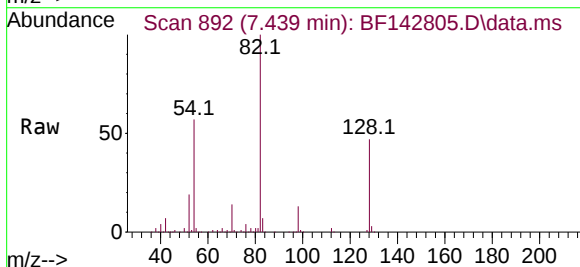
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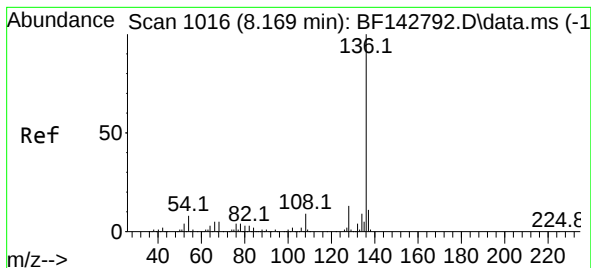
Tgt Ion:	45	Resp:	160
Ion Ratio	Lower	Upper	
45	100		
77	0.0	0.0	32.8
79	0.0	0.0	29.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.893 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.147 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

Tgt Ion:	70	Resp:	52134
Ion Ratio	Lower	Upper	
70	100		
42	51.6	52.1	78.1#
101	0.0	8.2	12.2#
130	2.3	18.2	27.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

Instrument :

BNA_F

ClientSampleId :

EP-5

Tgt Ion:136 Resp: 252321

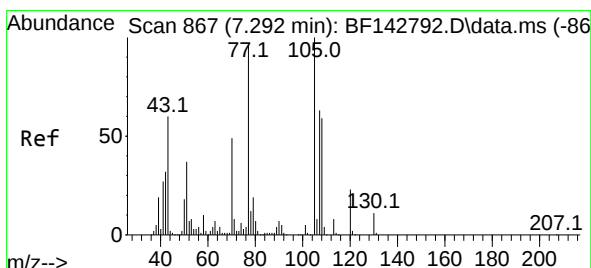
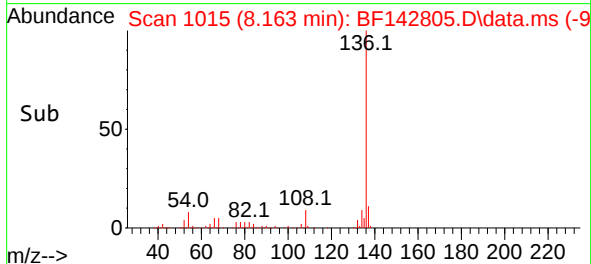
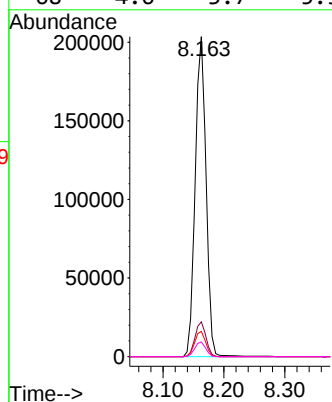
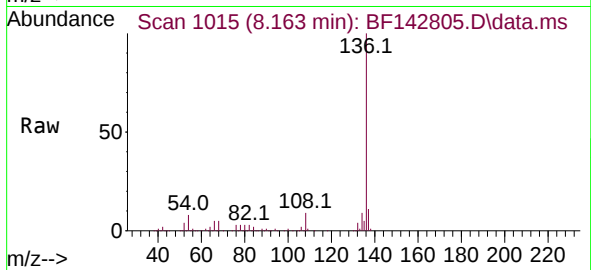
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 7.9 6.3 9.5

68 4.6 3.7 5.5



#22

Acetophenone

Concen: 0.066 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

Tgt Ion:105 Resp: 369

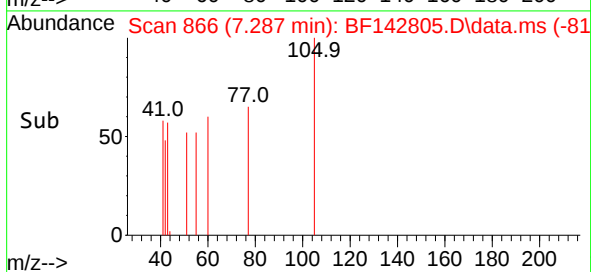
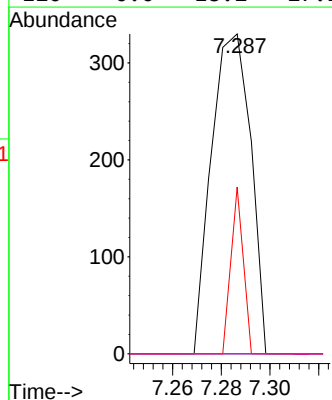
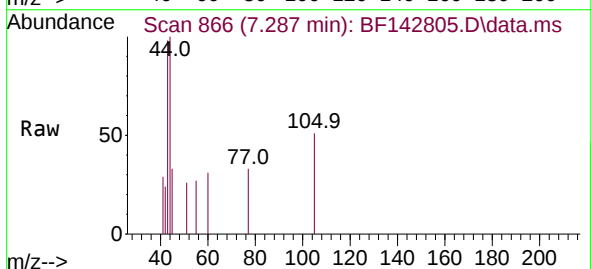
Ion Ratio Lower Upper

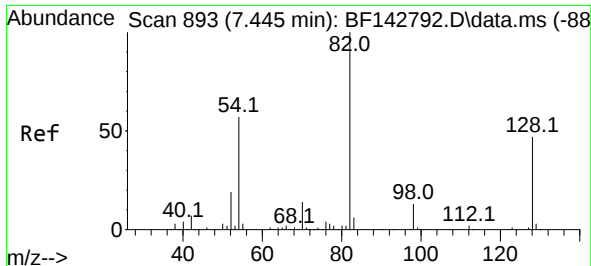
105 100

71 0.0 6.5 9.7#

51 52.1 29.8 44.8#

120 0.0 18.2 27.2#





#23

Nitrobenzene-d5

Concen: 83.032 ng

RT: 7.439 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

Instrument :

BNA_F

ClientSampleId :

EP-5

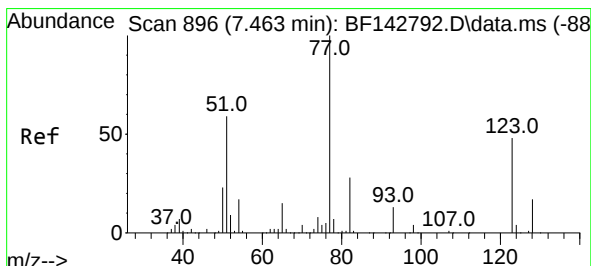
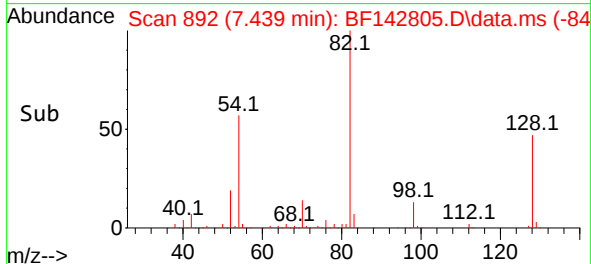
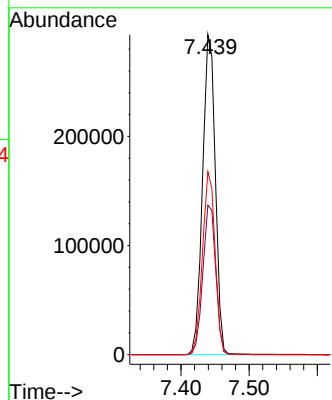
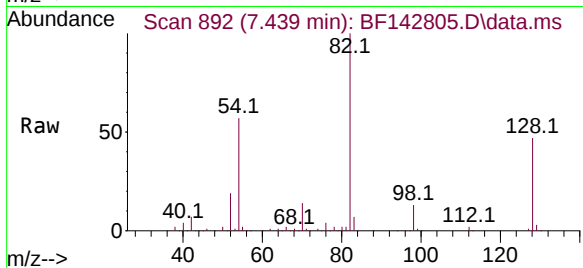
Tgt Ion: 82 Resp: 381958

Ion Ratio Lower Upper

82 100

128 46.7 37.7 56.5

54 57.1 45.7 68.5



#24

Nitrobenzene

Concen: 0.292 ng

RT: 7.439 min Scan# 892

Delta R.T. -0.023 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

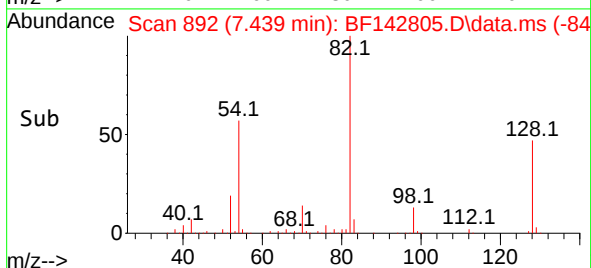
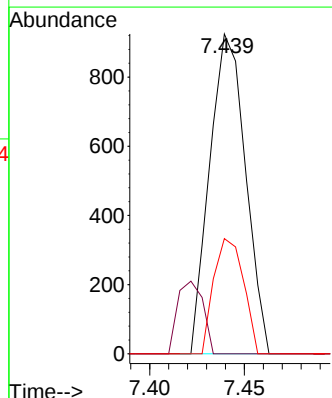
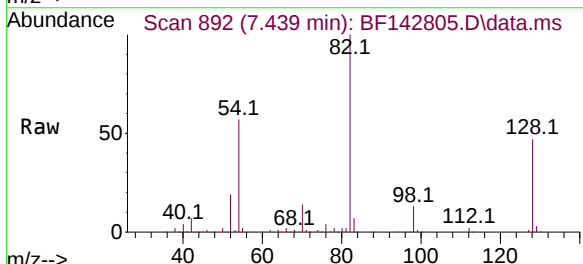
Tgt Ion: 77 Resp: 1217

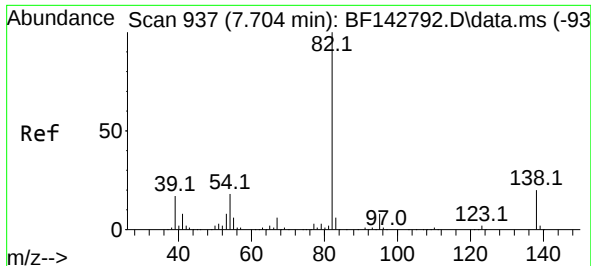
Ion Ratio Lower Upper

77 100

123 0.0 39.2 58.8#

65 36.0 11.6 17.4#

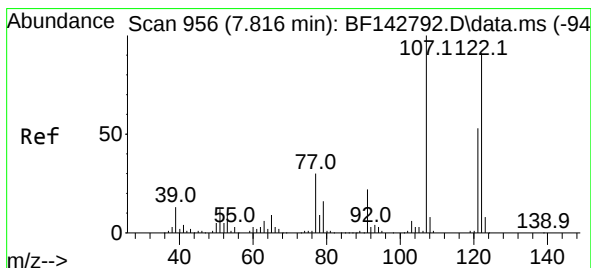
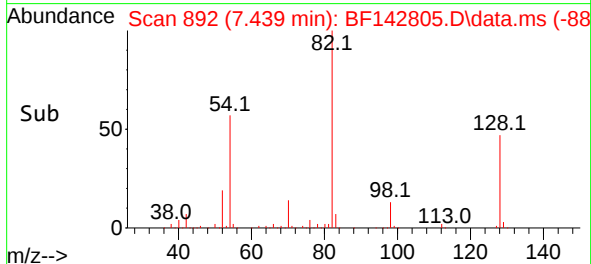
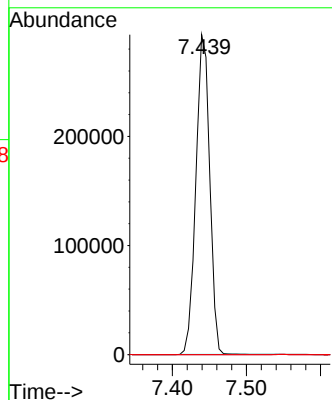
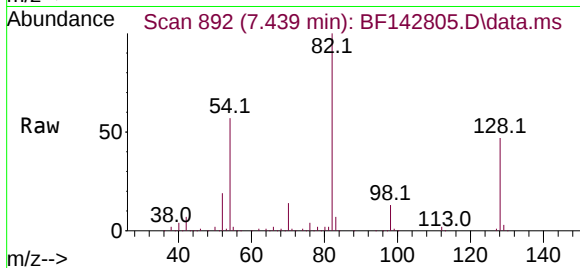




#25
Isophorone
Concen: 51.524 ng
RT: 7.439 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

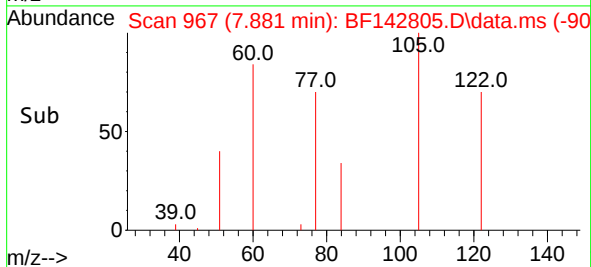
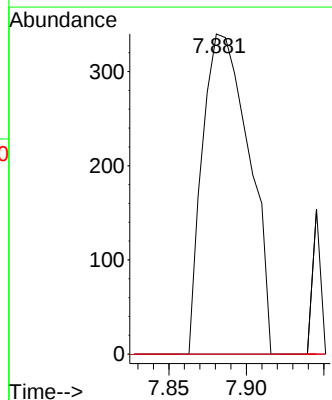
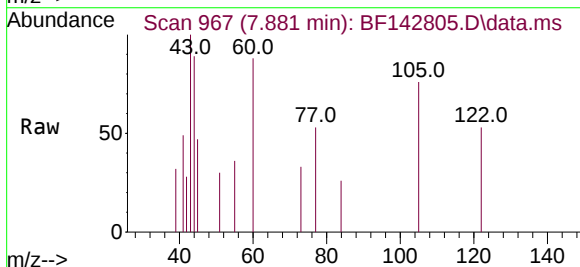
Instrument :
BNA_F
ClientSampleId :
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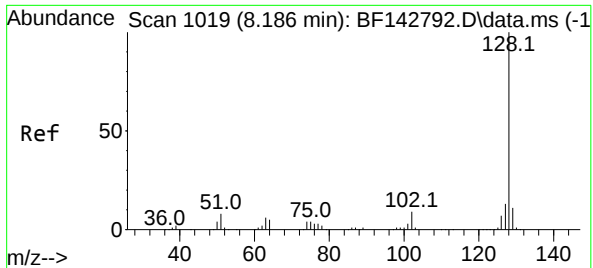
Tgt Ion: 82 Resp: 380211
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 16.2 24.4#



#27
2,4-Dimethylphenol
Concen: 0.181 ng
RT: 7.881 min Scan# 967
Delta R.T. 0.065 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

Tgt Ion:122 Resp: 711
Ion Ratio Lower Upper
122 100
107 0.0 88.0 132.0#
121 0.0 46.3 69.5#

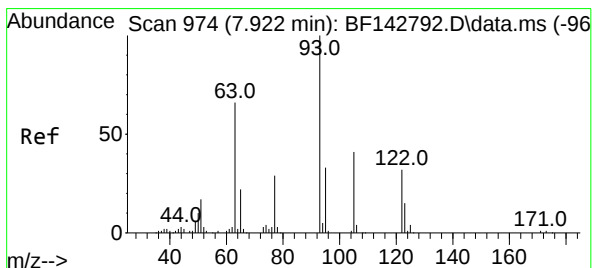
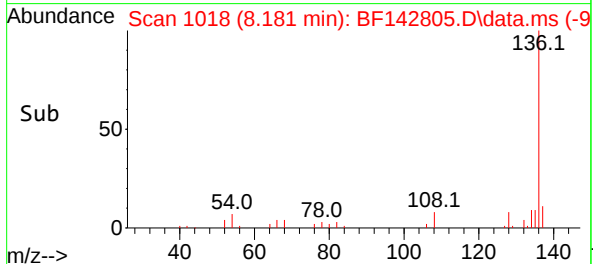
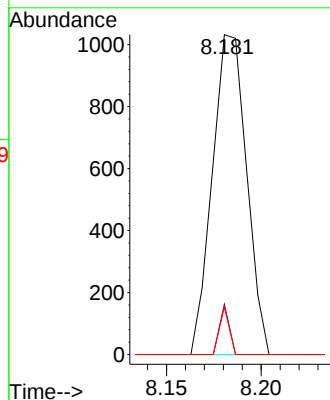
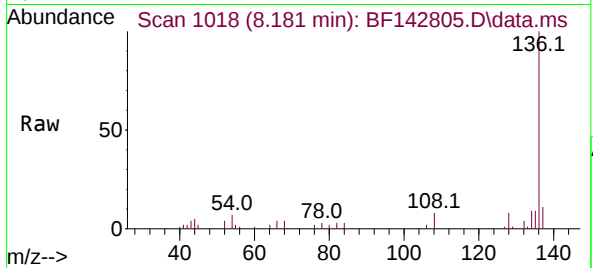




#31
Naphthalene
Concen: 0.105 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

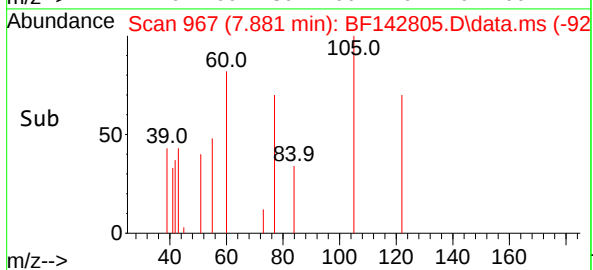
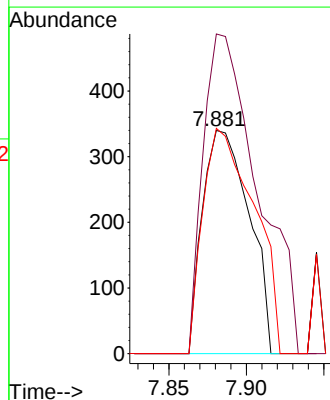
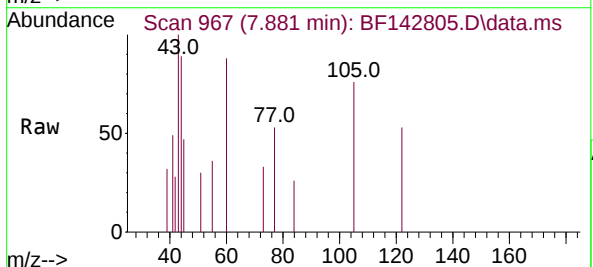
Instrument :
BNA_F
ClientSampleId :
EP-5

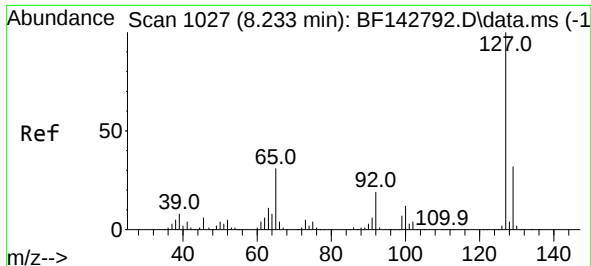
Tgt Ion:128 Resp: 1296
Ion Ratio Lower Upper
128 100
129 15.8 8.9 13.3#
127 14.8 10.4 15.6



#32
Benzoic acid
Concen: 0.355 ng
RT: 7.881 min Scan# 967
Delta R.T. -0.041 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

Tgt Ion:122 Resp: 711
Ion Ratio Lower Upper
122 100
105 143.2 104.7 144.7
77 100.9 70.2 110.2

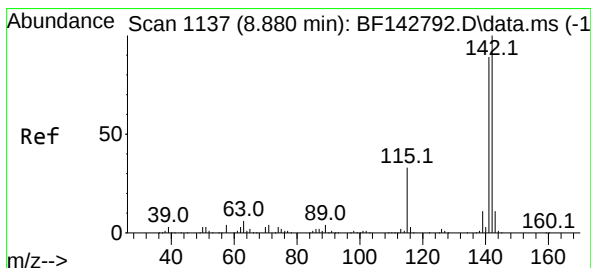
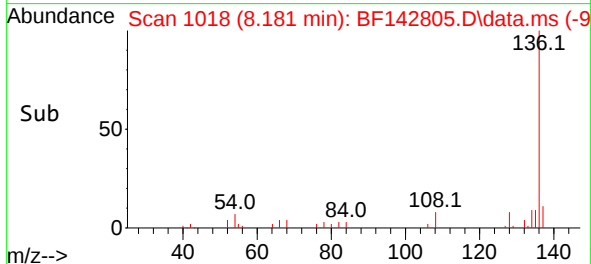
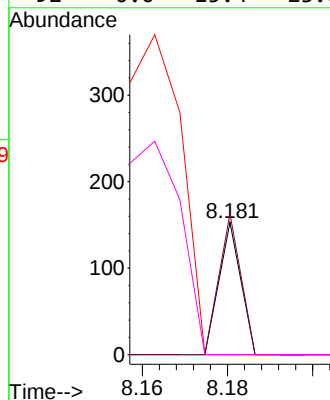
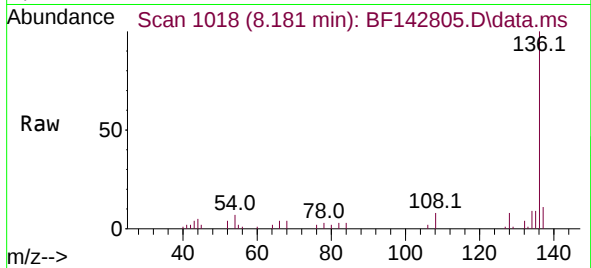




#33
4-Chloroaniline
Concen: 0.011 ng
RT: 8.181 min Scan# 1027
Delta R.T. -0.053 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

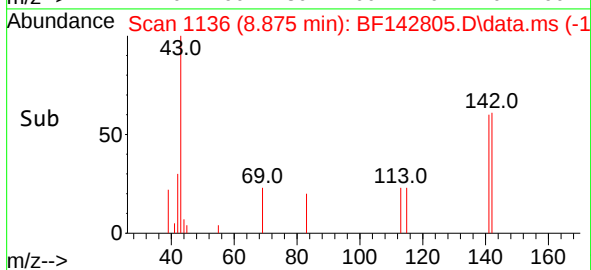
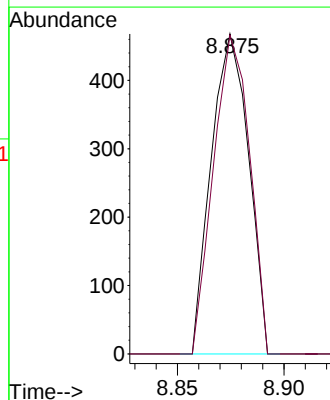
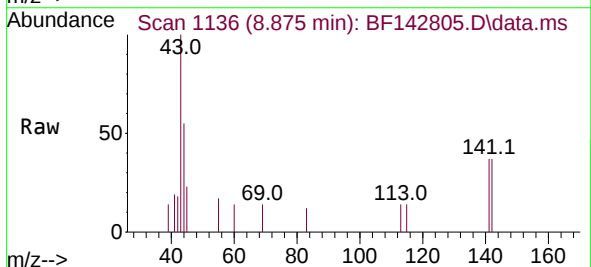
Instrument :
BNA_F
ClientSampleId :
EP-5

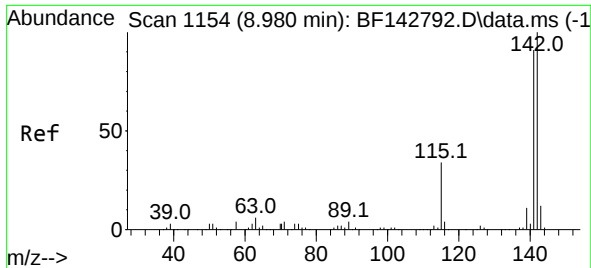
Tgt Ion:127	Resp:	54
Ion	Ratio	Lower Upper
127	100	
129	106.5	25.9 38.9#
65	0.0	24.6 36.8#
92	0.0	15.4 23.0#



#37
2-Methylnaphthalene
Concen: 0.074 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

Tgt Ion:142	Resp:	570
Ion	Ratio	Lower Upper
142	100	
141	99.6	70.9 106.3

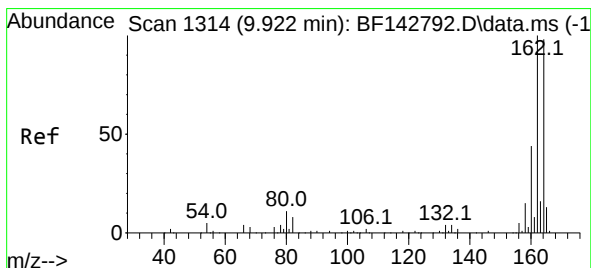
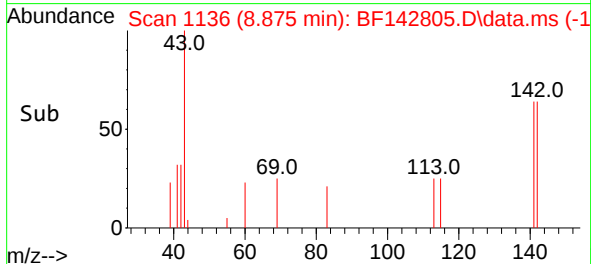
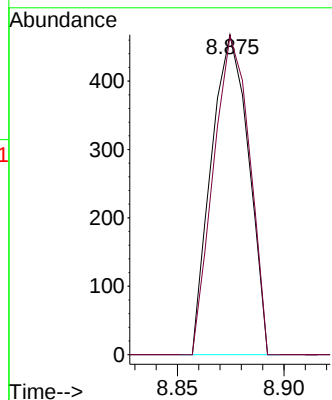
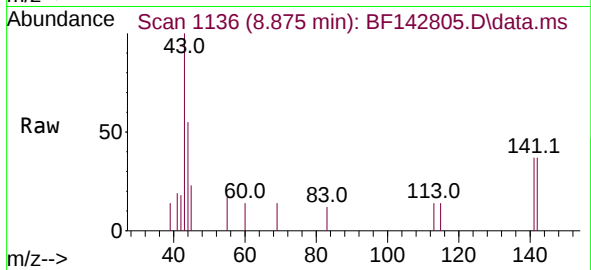




#38
1-Methylnaphthalene
Concen: 0.072 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.106 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

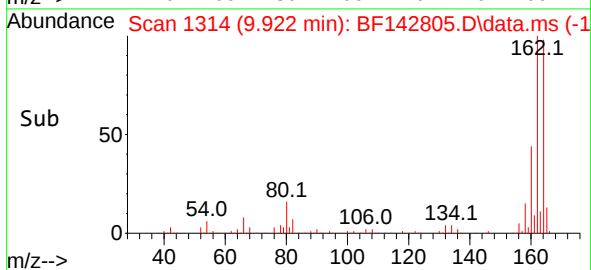
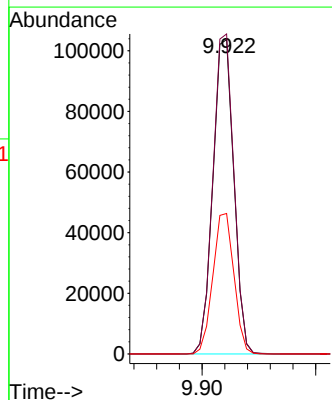
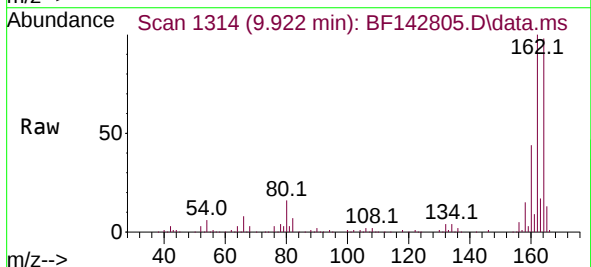
Instrument :
BNA_F
ClientSampleId :
EP-5

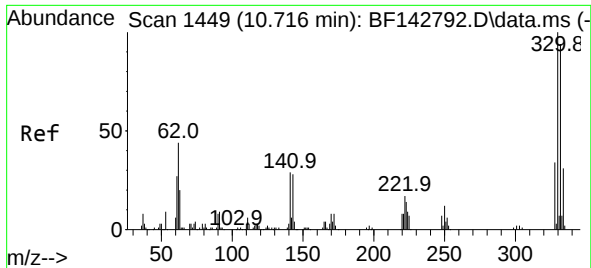
Tgt Ion:142 Resp: 570
Ion Ratio Lower Upper
142 100
141 99.6 73.0 109.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

Tgt Ion:164 Resp: 132781
Ion Ratio Lower Upper
164 100
162 101.8 81.8 122.8
160 44.6 36.0 54.0

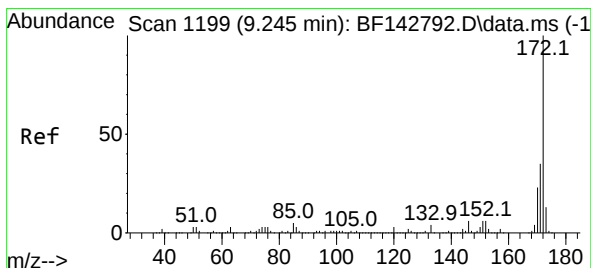
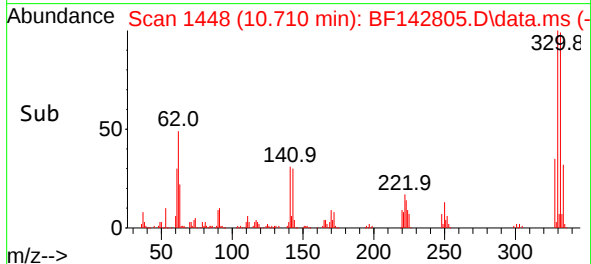
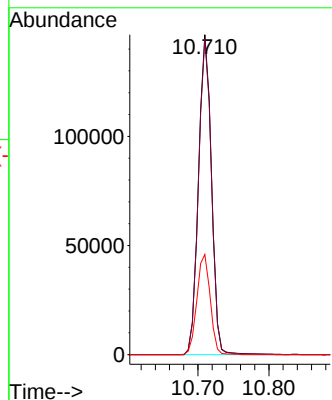
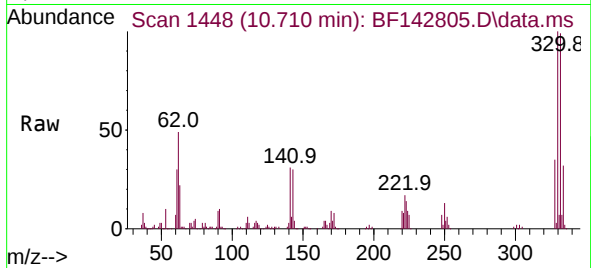




#42
2,4,6-Tribromophenol
Concen: 135.353 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

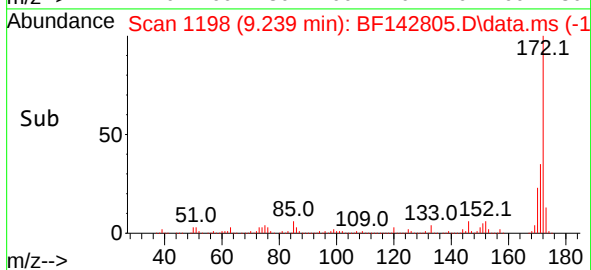
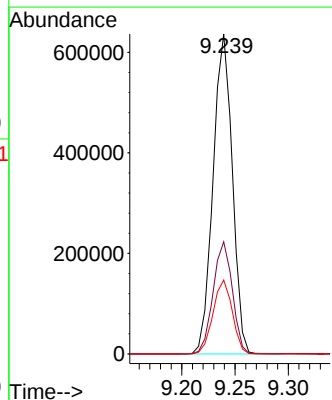
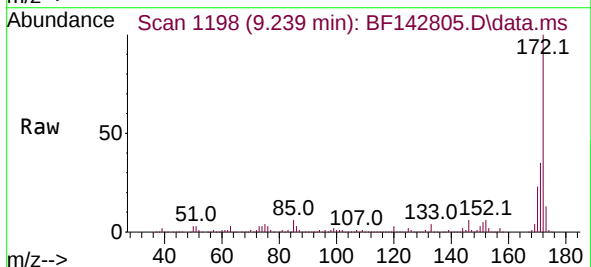
Instrument :
BNA_F
ClientSampleId :
EP-5

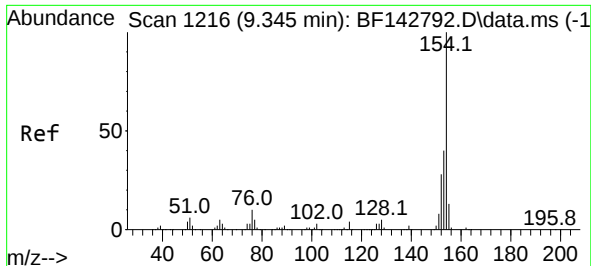
Tgt Ion:330 Resp: 184947
Ion Ratio Lower Upper
330 100
332 98.6 75.0 112.6
141 32.1 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 79.242 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

Tgt Ion:172 Resp: 800944
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.1 18.5 27.7





#46

1,1'-Biphenyl

Concen: 0.018 ng

RT: 9.339 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

Instrument :

BNA_F

ClientSampleId :

EP-5

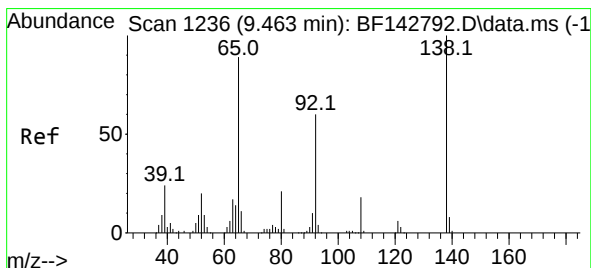
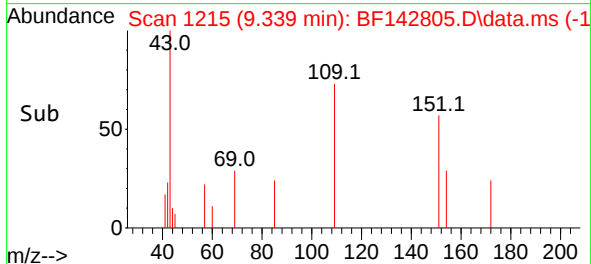
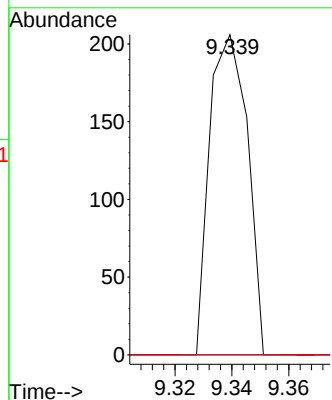
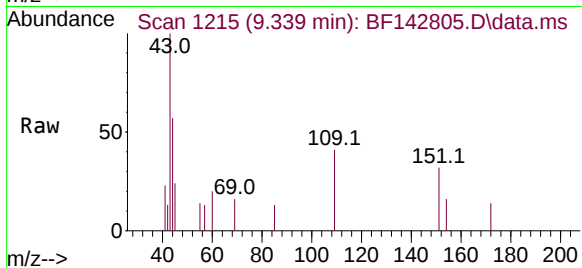
Tgt Ion:154 Resp: 190

Ion Ratio Lower Upper

154 100

153 0.0 20.3 60.3#

76 0.0 0.0 30.3



#48

2-Nitroaniline

Concen: 0.543 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.223 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

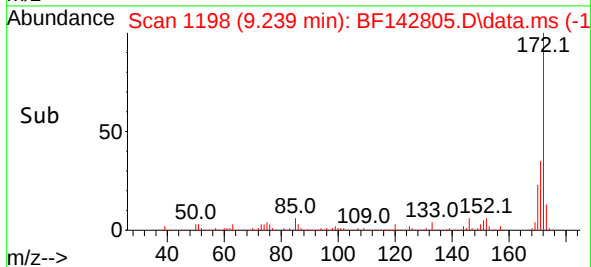
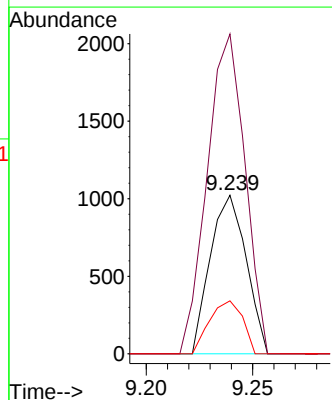
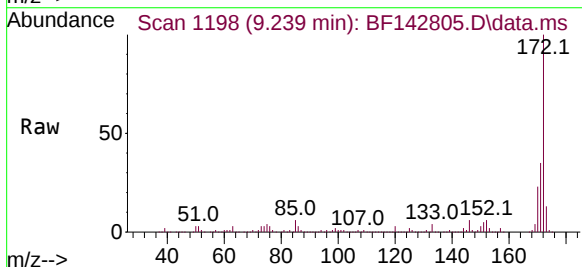
Tgt Ion: 65 Resp: 1199

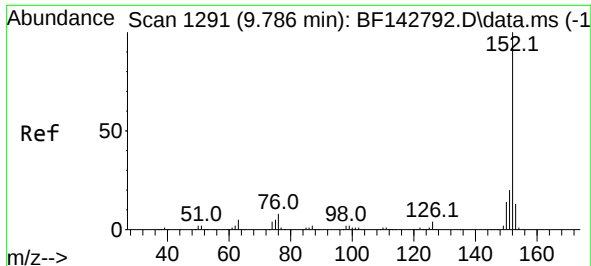
Ion Ratio Lower Upper

65 100

92 201.7 53.8 80.6#

138 33.4 89.6 134.4#





#49

Acenaphthylene

Concen: 0.005 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.165 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

Instrument :

BNA_F

ClientSampleId :

EP-5

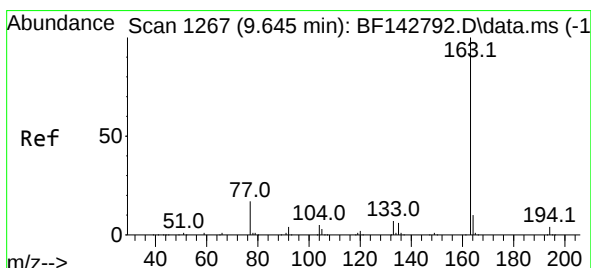
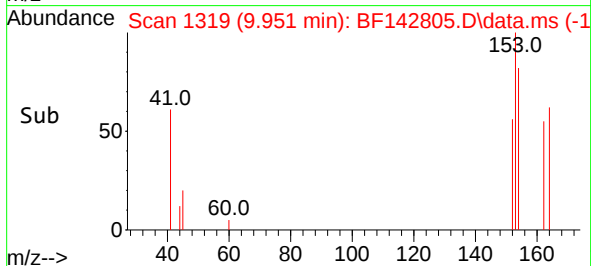
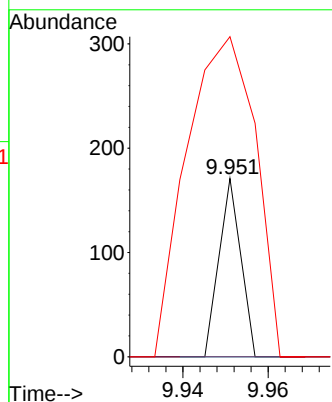
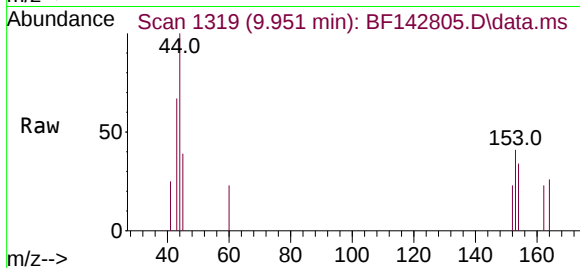
Tgt Ion:152 Resp: 60

Ion Ratio Lower Upper

152 100

151 0.0 16.1 24.1#

153 179.5 10.4 15.6#



#50

Dimethylphthalate

Concen: 1.801 ng

RT: 9.633 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

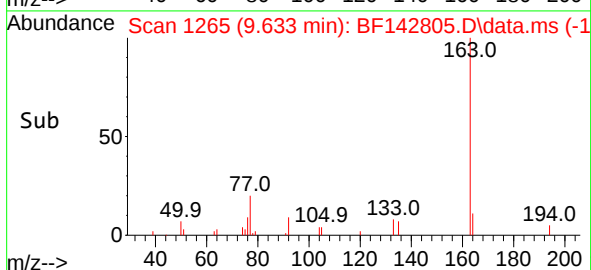
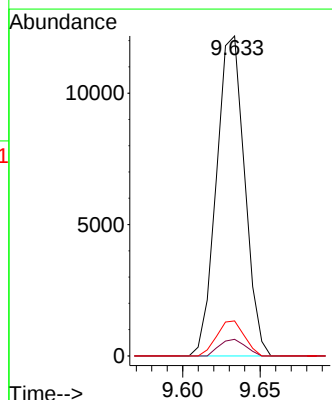
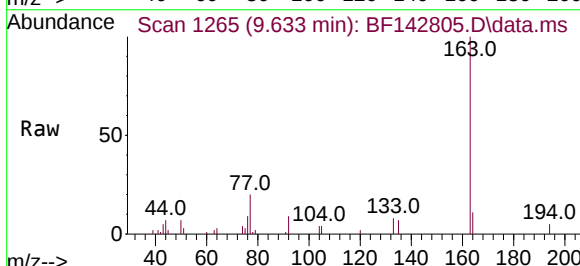
Tgt Ion:163 Resp: 15482

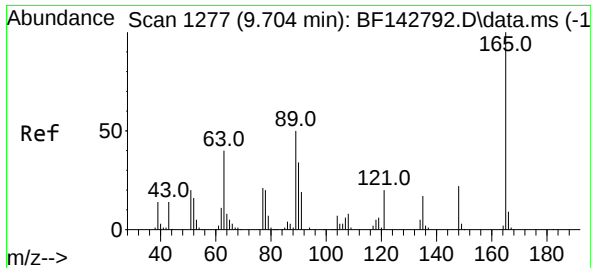
Ion Ratio Lower Upper

163 100

194 5.2 3.3 4.9#

164 10.9 8.0 12.0

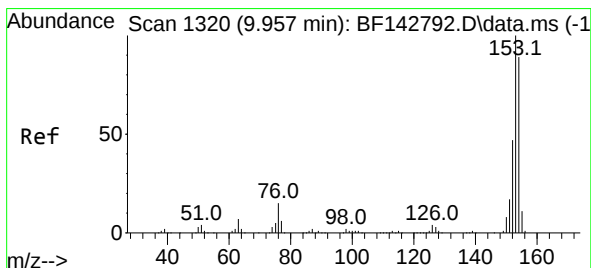
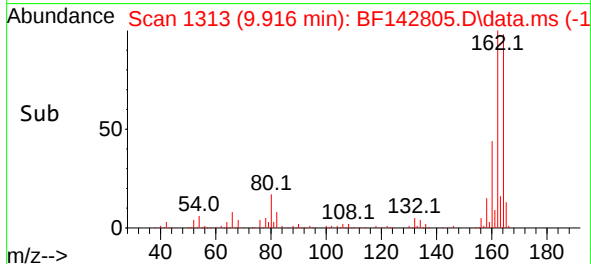
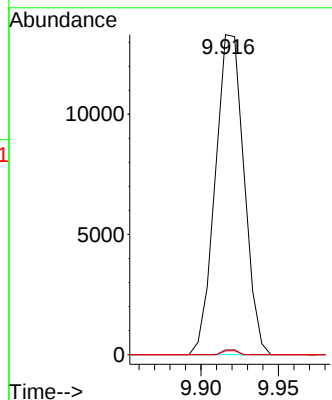
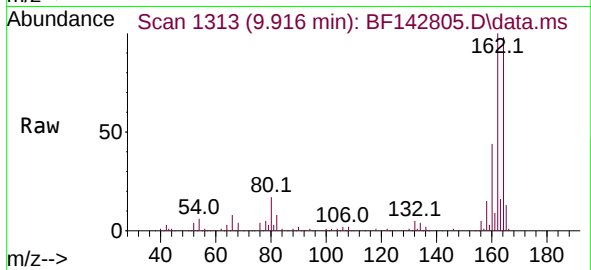




#51
2,6-Dinitrotoluene
Concen: 9.138 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.212 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

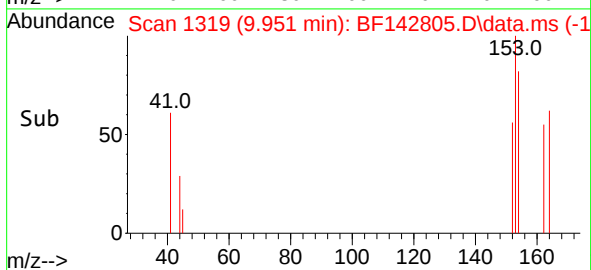
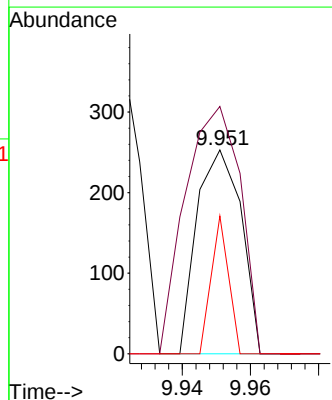
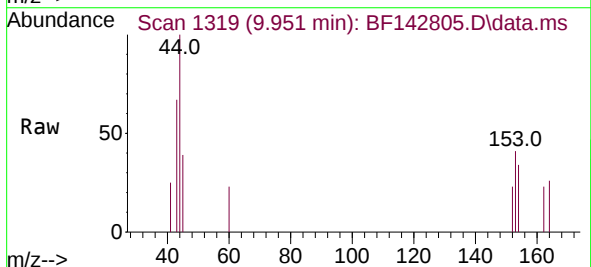
Instrument :
BNA_F
ClientSampleId :
EP-5

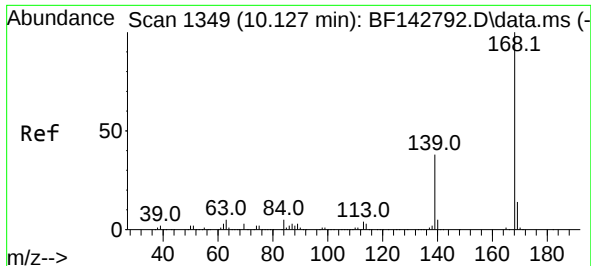
Tgt Ion:165 Resp: 17248
Ion Ratio Lower Upper
165 100
63 1.5 44.2 66.4#
89 1.2 39.8 59.8#



#52
Acenaphthene
Concen: 0.029 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

Tgt Ion:154 Resp: 228
Ion Ratio Lower Upper
154 100
153 121.3 90.0 135.0
152 67.6 41.9 62.9#

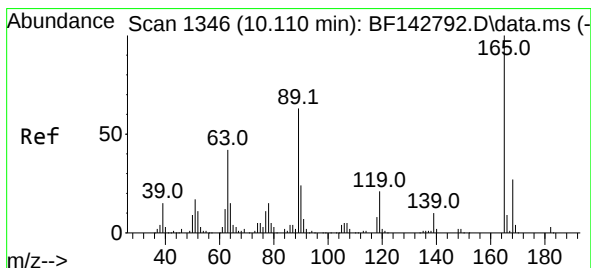
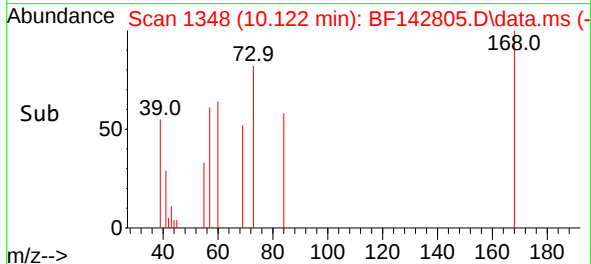
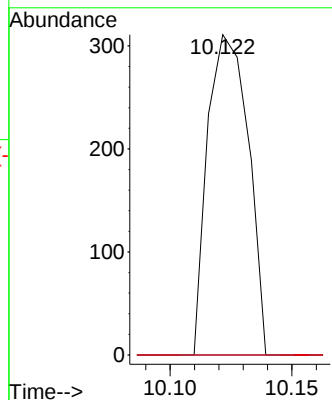
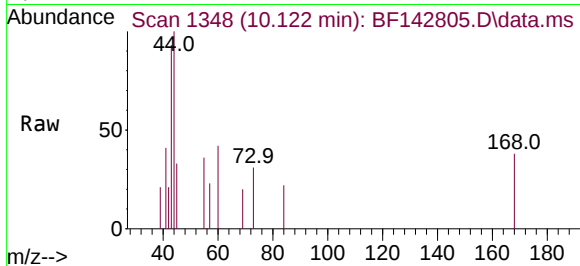




#55
Dibenzenofuran
Concen: 0.032 ng
RT: 10.122 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

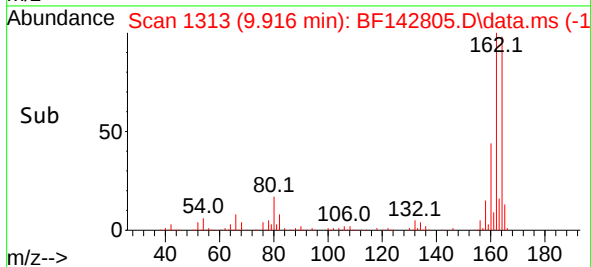
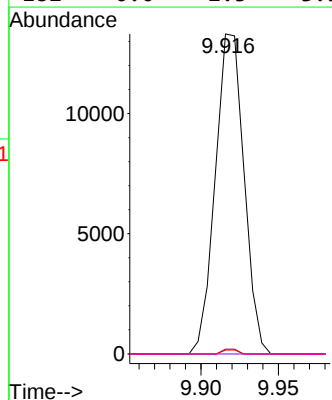
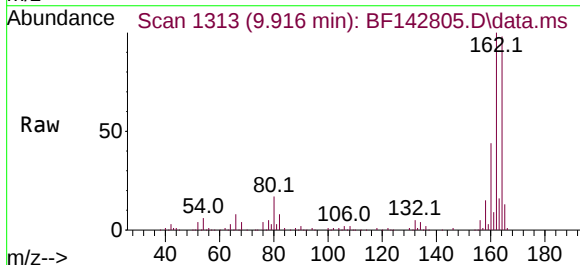
Instrument :
BNA_F
ClientSampleId :
EP-5

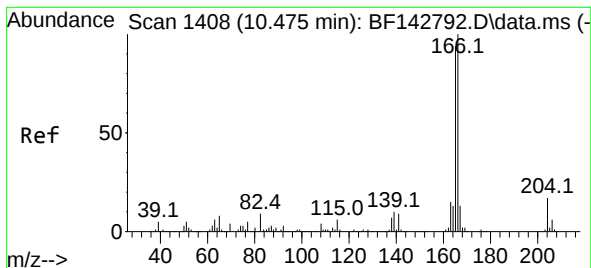
Tgt Ion:168 Resp: 361
Ion Ratio Lower Upper
168 100
139 0.0 30.2 45.4#
169 0.0 10.8 16.2#



#57
2,4-Dinitrotoluene
Concen: 6.879 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

Tgt Ion:165 Resp: 17248
Ion Ratio Lower Upper
165 100
63 1.5 33.9 50.9#
89 1.2 50.6 75.8#
182 0.0 2.3 3.5#





#58

Fluorene

Concen: 0.036 ng

RT: 10.469 min Scan# 1407

Delta R.T. -0.006 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

Instrument :

BNA_F

ClientSampleId :

EP-5

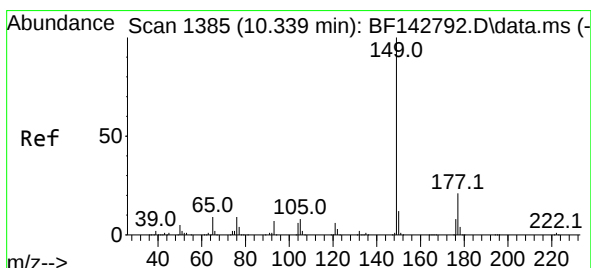
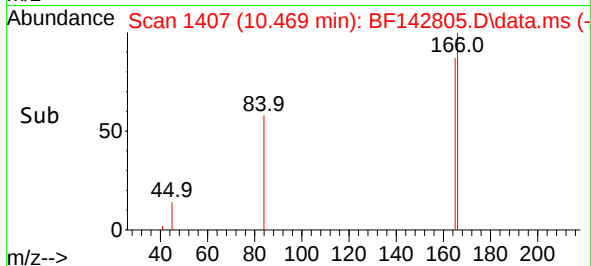
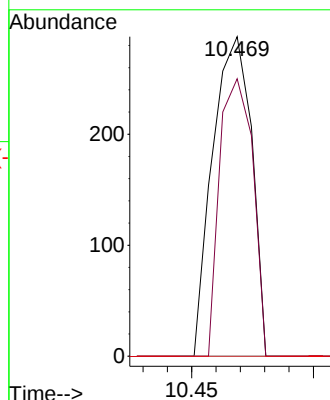
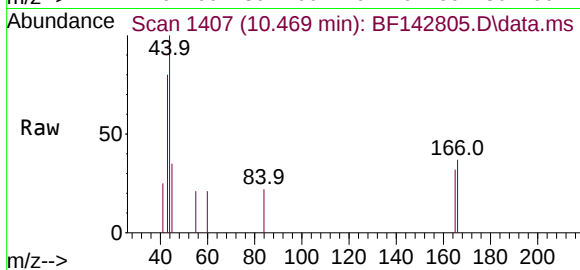
Tgt Ion:166 Resp: 320

Ion Ratio Lower Upper

166 100

165 86.8 75.2 112.8

167 0.0 10.6 15.8#



#60

Diethylphthalate

Concen: 1.895 ng

RT: 10.327 min Scan# 1383

Delta R.T. -0.012 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

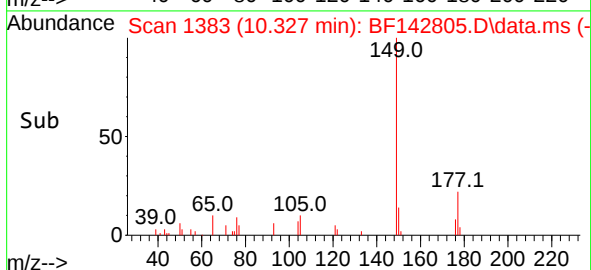
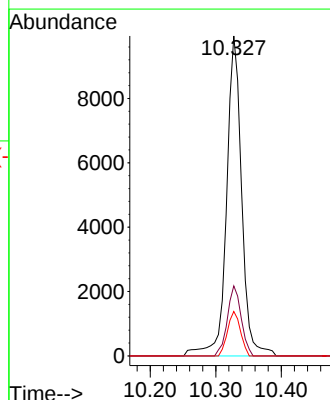
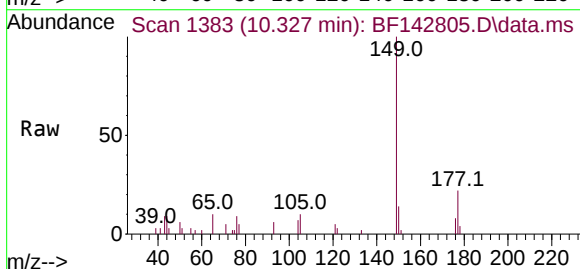
Tgt Ion:149 Resp: 15972

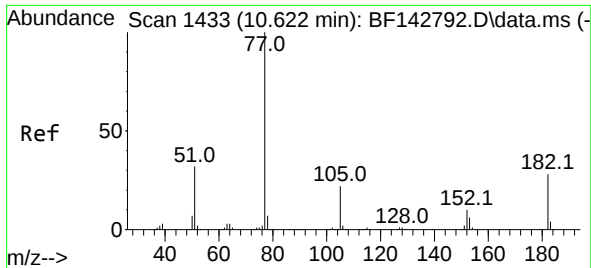
Ion Ratio Lower Upper

149 100

177 21.9 17.0 25.6

150 13.9 9.8 14.6

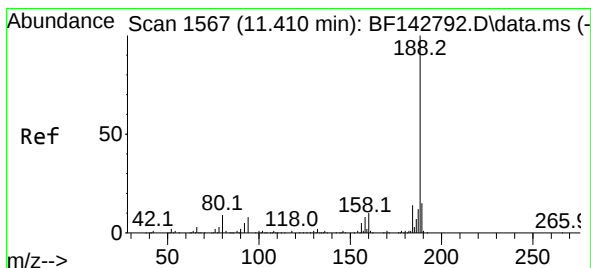
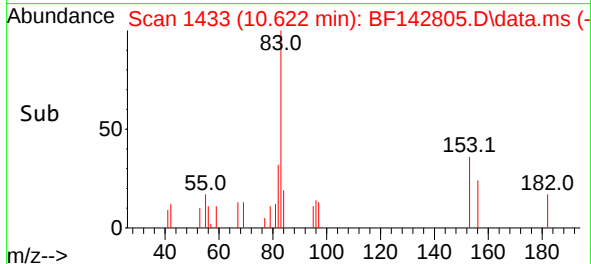
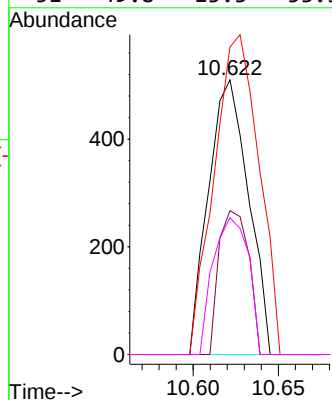
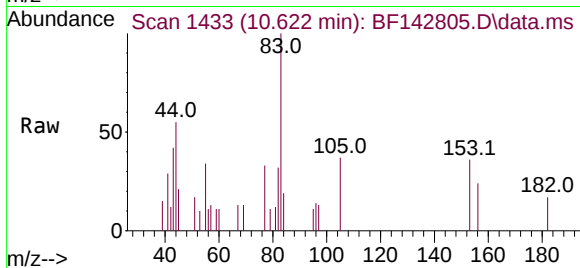




#63
 Azobenzene
 Concen: 0.110 ng
 RT: 10.622 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: BF142805.D
 Acq: 23 Jun 2025 14:39

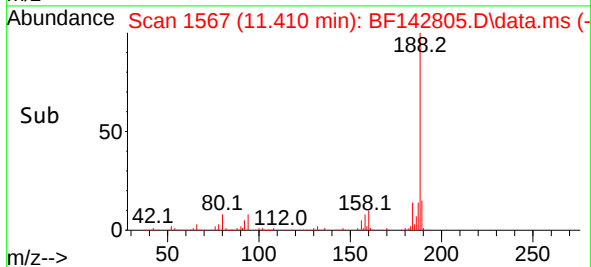
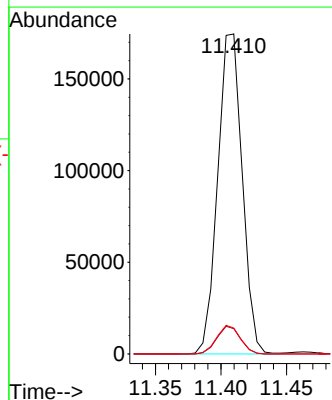
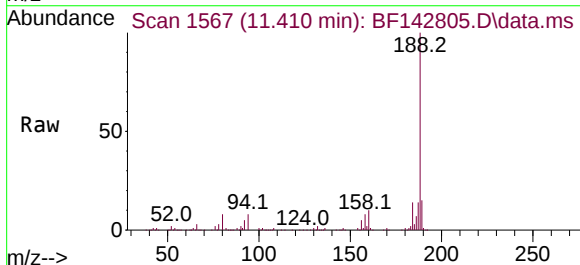
Instrument :
 BNA_F
 ClientSampleId :
 EP-5

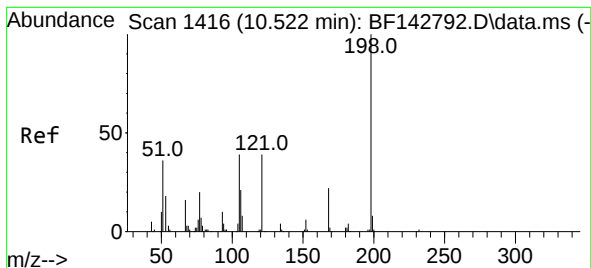
Tgt Ion: 77	Resp:	830
Ion Ratio	Lower	Upper
77	100	
182	52.4	7.7 47.7#
105	112.0	1.9 41.9#
51	49.8	13.3 53.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.410 min Scan# 1567
 Delta R.T. 0.000 min
 Lab File: BF142805.D
 Acq: 23 Jun 2025 14:39

Tgt Ion: 188	Resp:	227233
Ion Ratio	Lower	Upper
188	100	
94	7.9	6.7 10.1
80	8.1	6.9 10.3

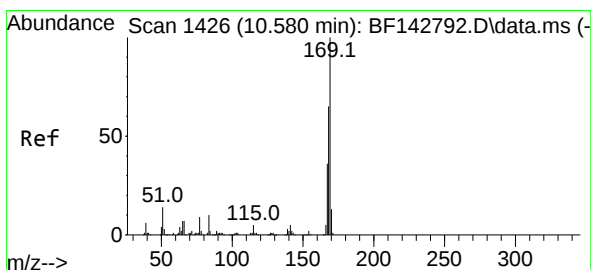
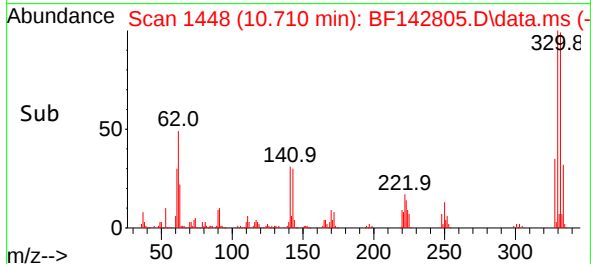
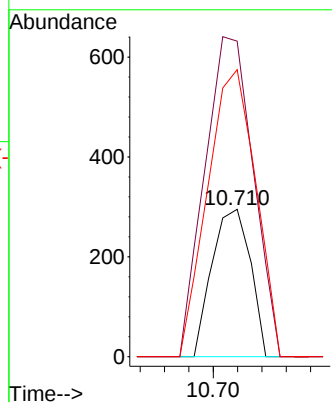
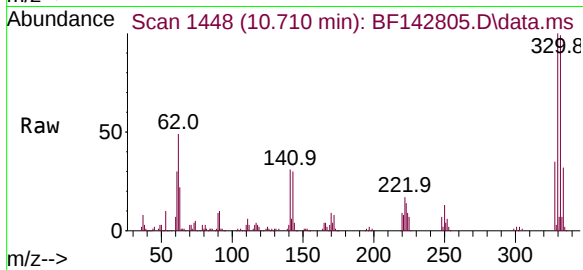




#65
4,6-Dinitro-2-methylphenol
Concen: 0.235 ng
RT: 10.710 min Scan# 1416
Delta R.T. 0.188 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

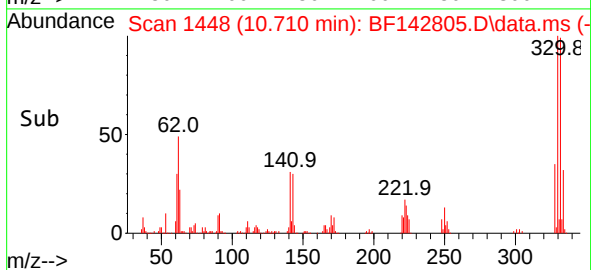
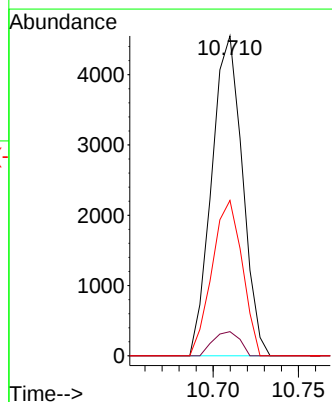
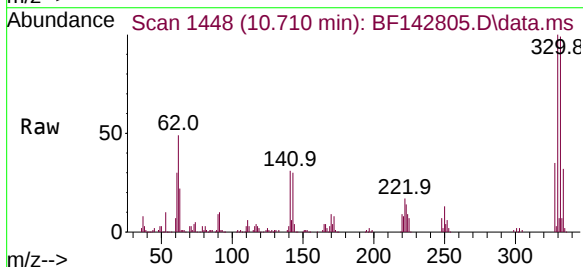
Instrument :
BNA_F
ClientSampleId :
EP-5

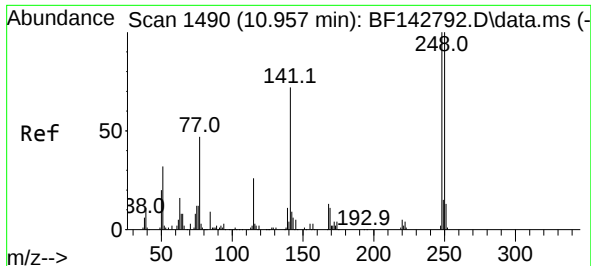
Tgt Ion:198 Resp: 323
Ion Ratio Lower Upper
198 100
51 214.2 25.4 65.4#
105 194.9 20.4 60.4#



#66
n-Nitrosodiphenylamine
Concen: 0.724 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.129 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

Tgt Ion:169 Resp: 5702
Ion Ratio Lower Upper
169 100
168 7.6 51.9 77.9#
167 48.6 28.5 42.7#

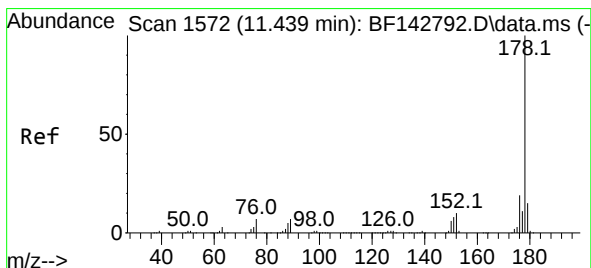
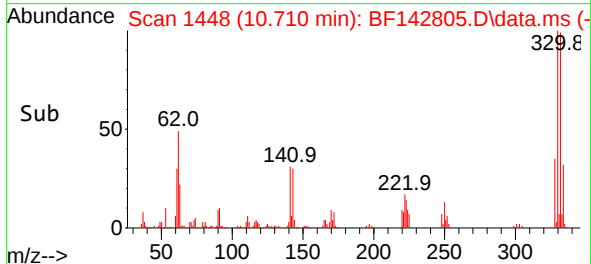
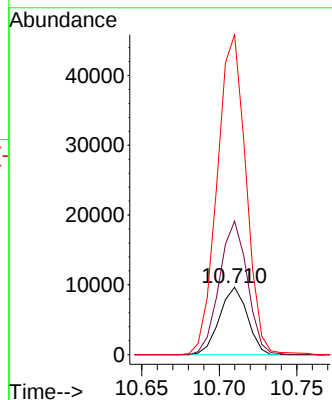
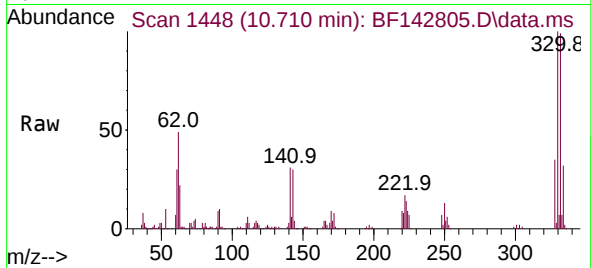




#67
4-Bromophenyl-phenylether
Concen: 4.658 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

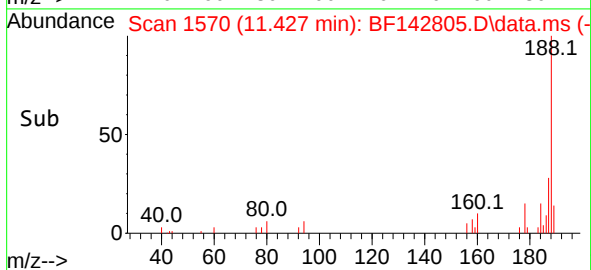
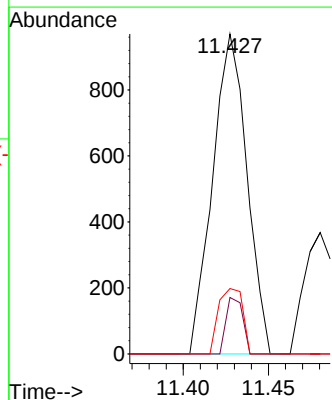
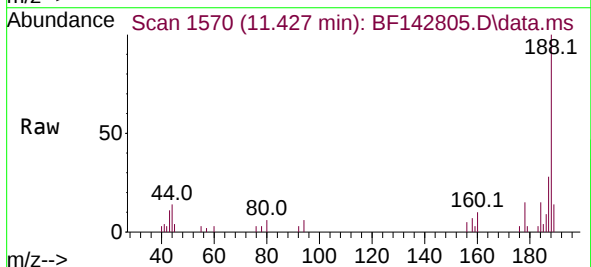
Instrument :
BNA_F
ClientSampleId :
EP-5

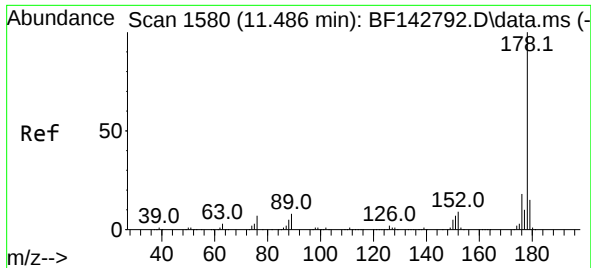
Tgt Ion:248 Resp: 12047
Ion Ratio Lower Upper
248 100
250 198.3 79.8 119.8#
141 475.2 57.8 86.6#



#71
Phenanthrene
Concen: 0.110 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

Tgt Ion:178 Resp: 1356
Ion Ratio Lower Upper
178 100
176 17.6 15.1 22.7
179 20.4 12.0 18.0#

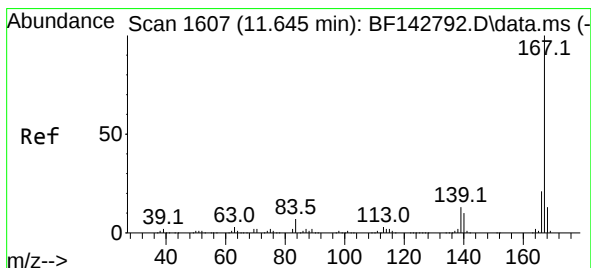
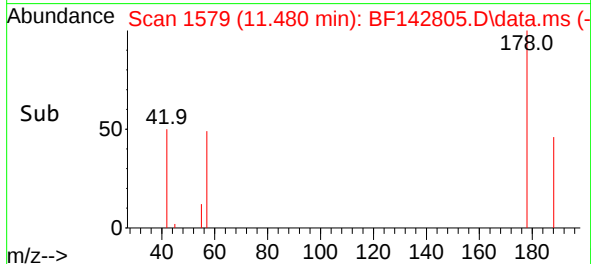
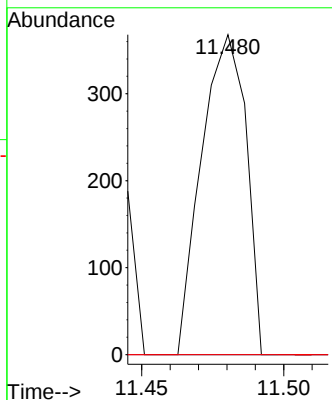
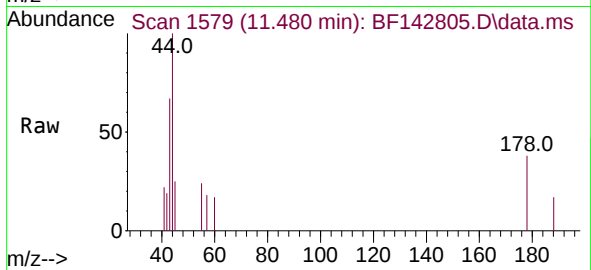




#72
Anthracene
Concen: 0.032 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

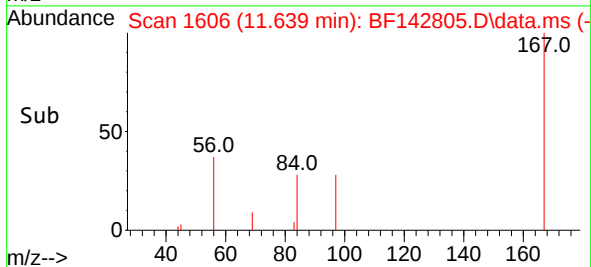
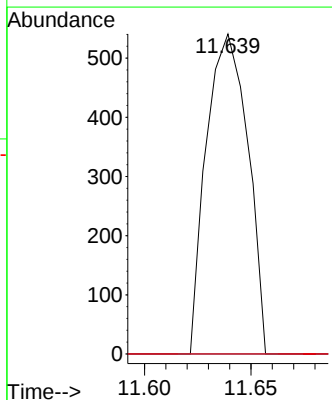
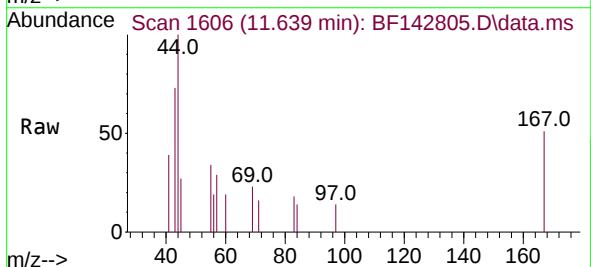
Instrument :
BNA_F
ClientSampleId :
EP-5

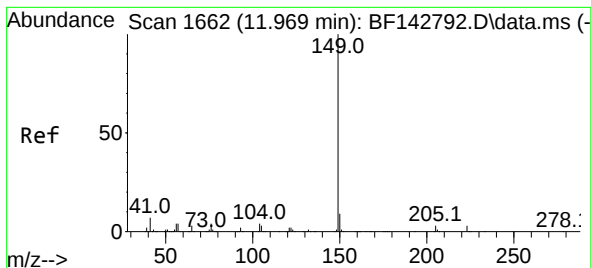
Tgt Ion:178 Resp: 402
Ion Ratio Lower Upper
178 100
176 0.0 14.6 21.8#
179 0.0 12.4 18.6#



#73
Carbazole
Concen: 0.067 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

Tgt Ion:167 Resp: 731
Ion Ratio Lower Upper
167 100
166 0.0 17.0 25.4#
139 0.0 10.2 15.2#





#74

Di-n-butylphthalate

Concen: 0.929 ng

RT: 11.963 min Scan# 1661

Delta R.T. -0.006 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

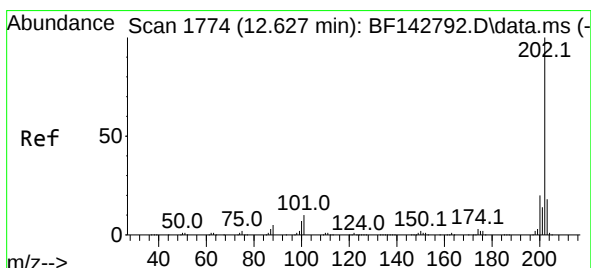
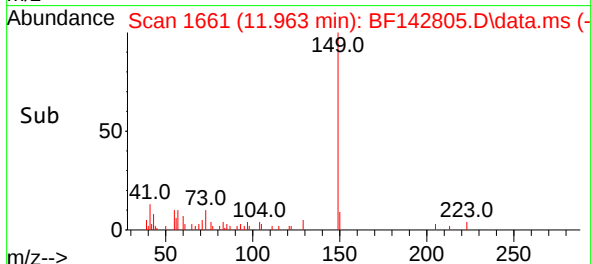
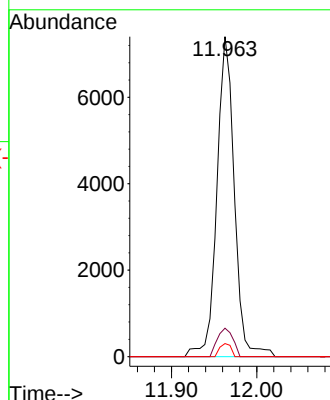
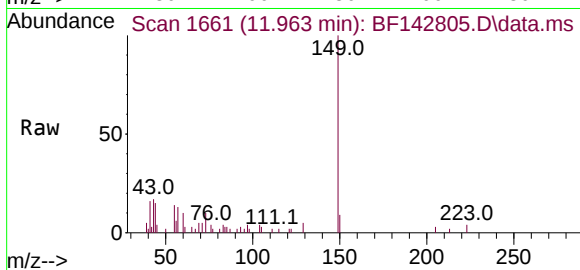
Instrument :

BNA_F

ClientSampleId :

EP-5

Tgt Ion:	149	Resp:	10540
Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	4.1	3.5	5.3



#75

Fluoranthene

Concen: 0.105 ng

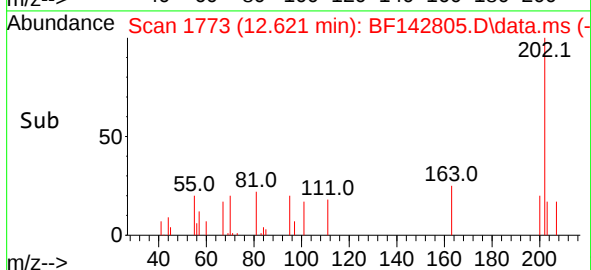
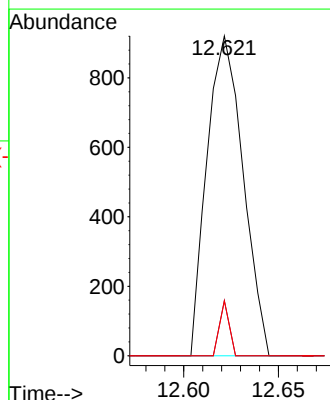
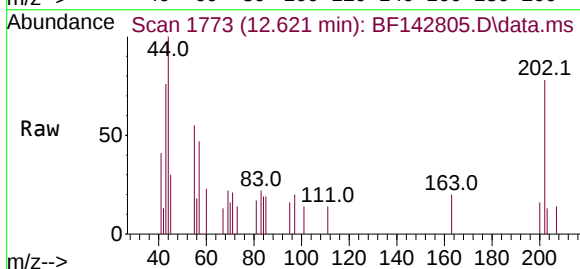
RT: 12.621 min Scan# 1773

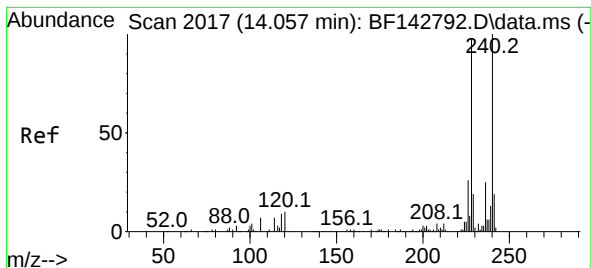
Delta R.T. -0.006 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

Tgt Ion:	202	Resp:	1222
Ion	Ratio	Lower	Upper
202	100		
101	17.3	0.0	29.7
203	17.2	0.0	37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

Instrument :

BNA_F

ClientSampleId :

EP-5

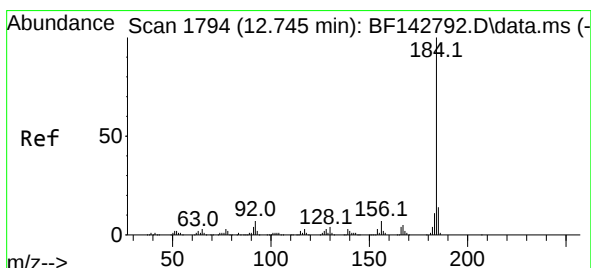
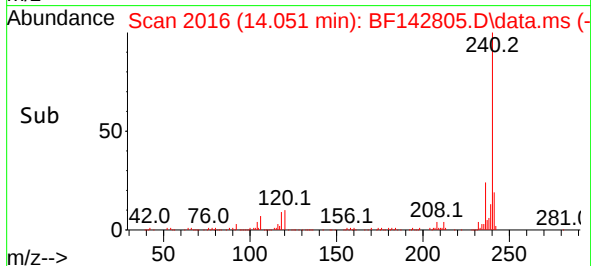
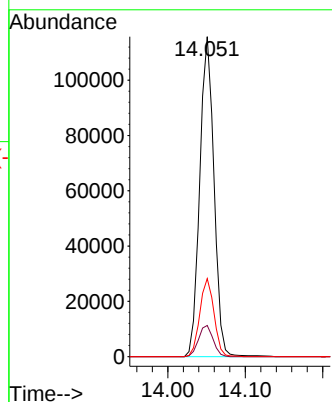
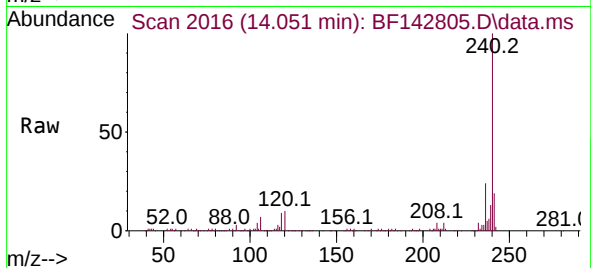
Tgt Ion:240 Resp: 147427

Ion Ratio Lower Upper

240 100

120 9.7 8.2 12.2

236 24.4 19.8 29.8



#77

Benzidine

Concen: 1.841 ng

RT: 12.992 min Scan# 1836

Delta R.T. 0.247 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

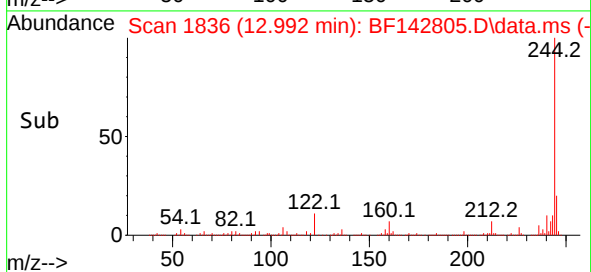
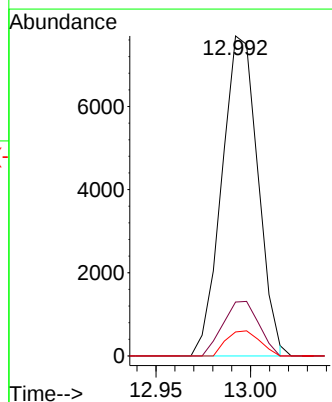
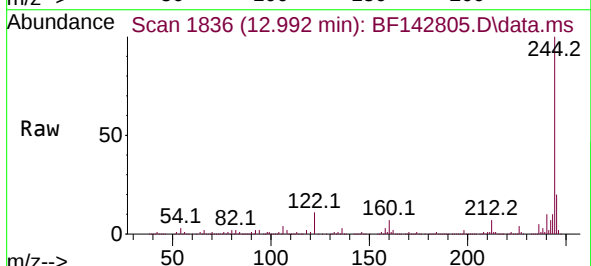
Tgt Ion:184 Resp: 10200

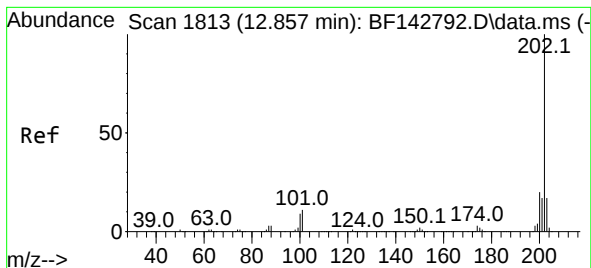
Ion Ratio Lower Upper

184 100

185 16.8 11.5 17.3

183 7.5 9.0 13.4#





#78

Pyrene

Concen: 0.088 ng

RT: 12.621 min Scan# 1773

Delta R.T. -0.235 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

Instrument :

BNA_F

ClientSampleId :

EP-5

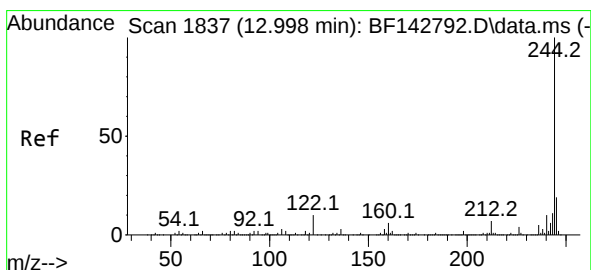
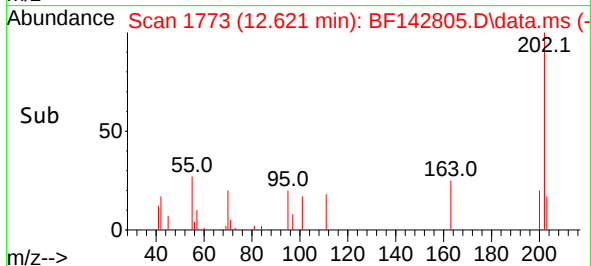
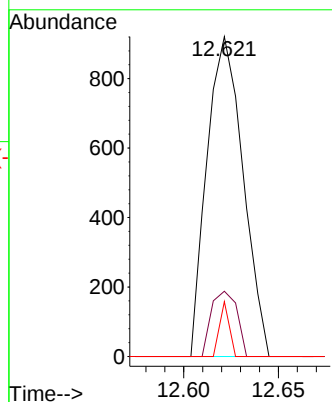
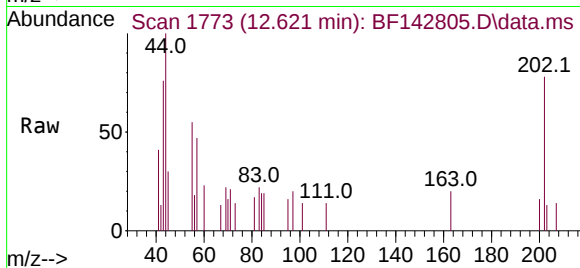
Tgt Ion:202 Resp: 1222

Ion Ratio Lower Upper

202 100

200 20.4 15.7 23.5

203 17.2 13.8 20.6



#79

Terphenyl-d14

Concen: 72.304 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

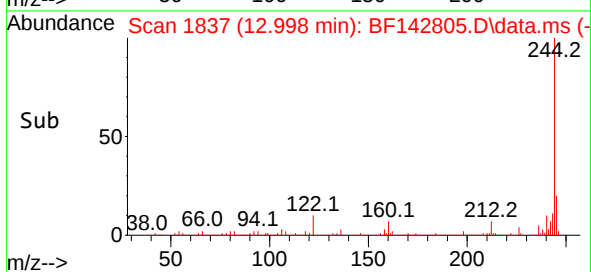
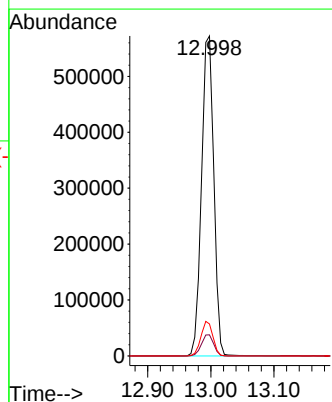
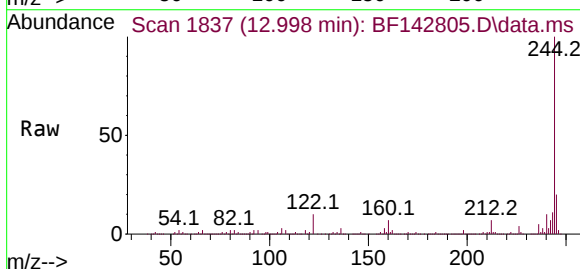
Tgt Ion:244 Resp: 771477

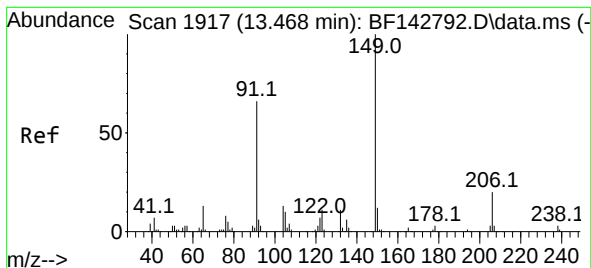
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 10.0 8.2 12.2





#80

Butylbenzylphthalate

Concen: 0.070 ng

RT: 13.468 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

Instrument :

BNA_F

ClientSampleId :

EP-5

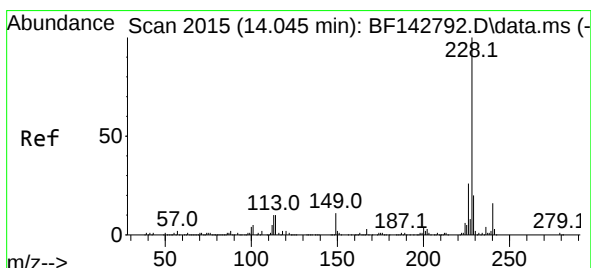
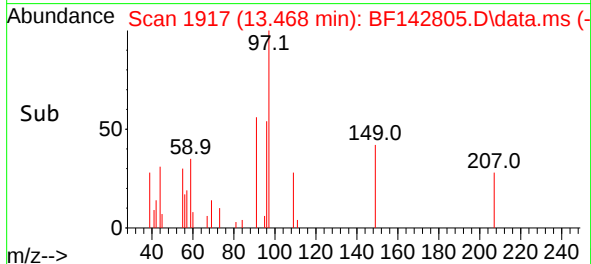
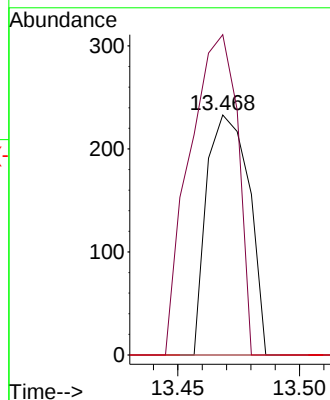
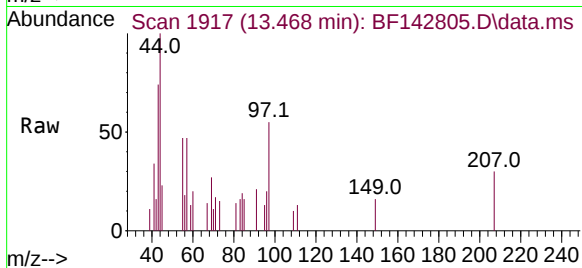
Tgt Ion:149 Resp: 281

Ion Ratio Lower Upper

149 100

91 133.5 52.9 79.3#

206 0.0 16.3 24.5#



#81

Benzo(a)anthracene

Concen: 0.068 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

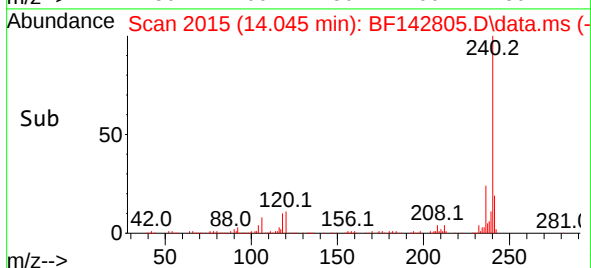
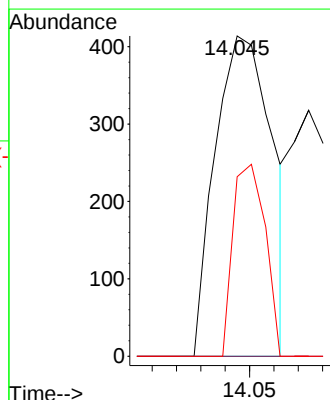
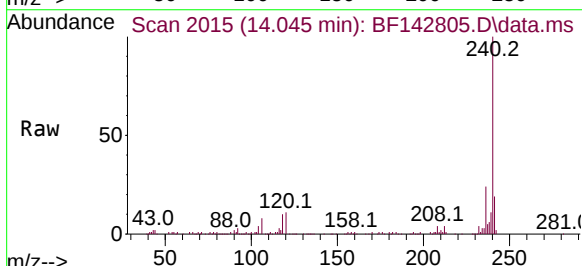
Tgt Ion:228 Resp: 676

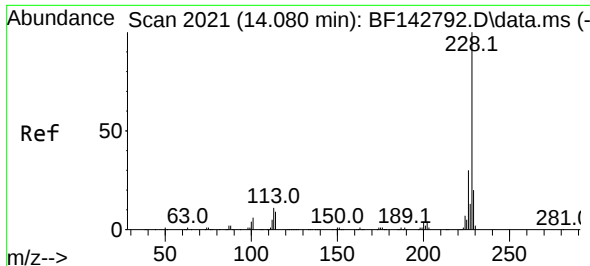
Ion Ratio Lower Upper

228 100

226 0.0 21.2 31.8#

229 56.0 15.6 23.4#





#83

Chrysene

Concen: 0.076 ng

RT: 14.045 min Scan# 20

Delta R.T. -0.035 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

Instrument :

BNA_F

ClientSampleId :

EP-5

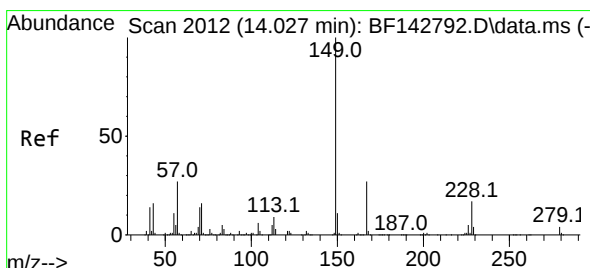
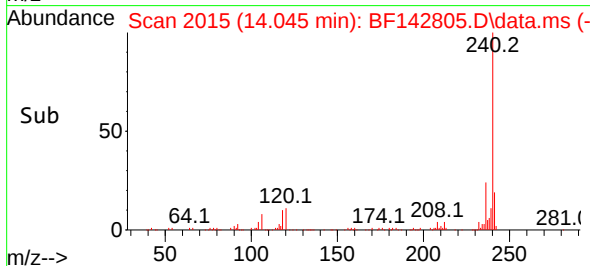
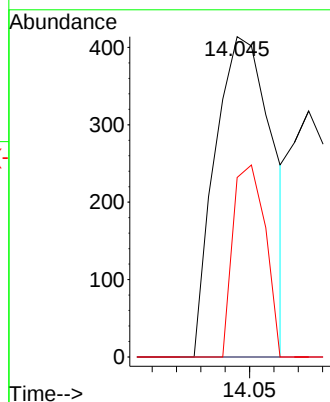
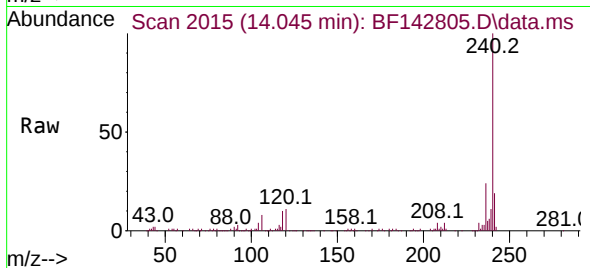
Tgt Ion:228 Resp: 676

Ion Ratio Lower Upper

228 100

226 0.0 23.7 35.5#

229 56.0 15.7 23.5#



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.380 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

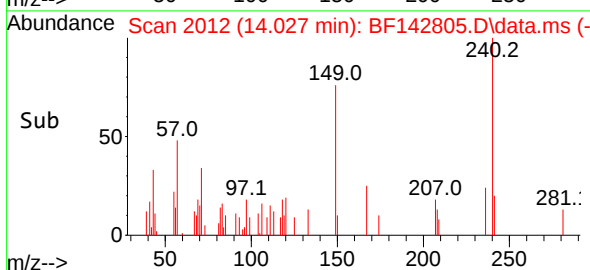
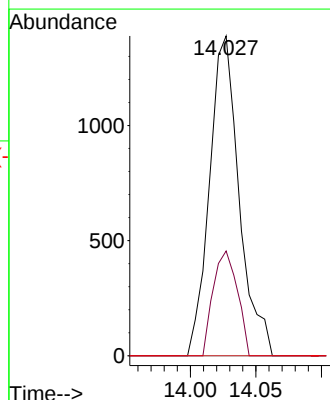
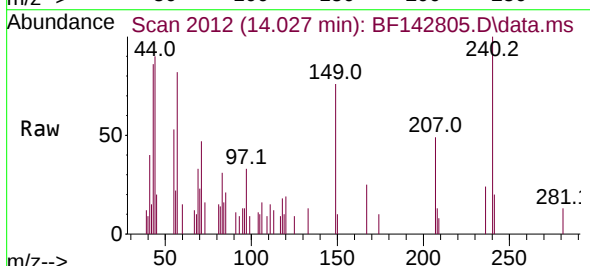
Tgt Ion:149 Resp: 2191

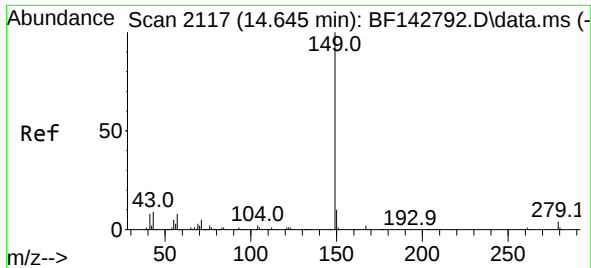
Ion Ratio Lower Upper

149 100

167 32.8 21.4 32.0#

279 0.0 3.0 4.6#





#85
Di-n-octyl phthalate
Concen: 0.082 ng
RT: 14.674 min Scan# 2117
Delta R.T. 0.029 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

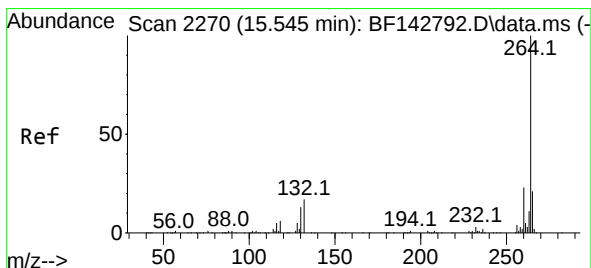
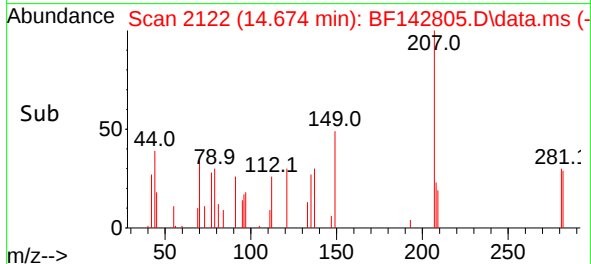
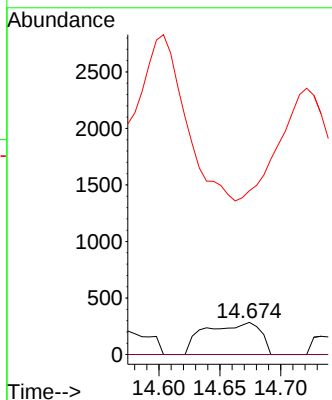
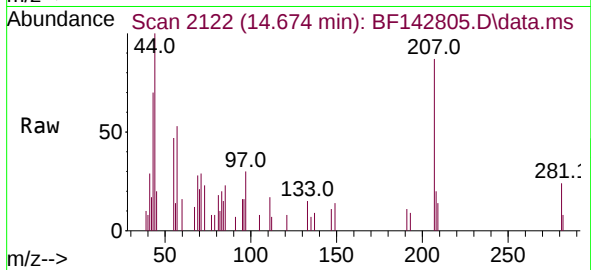
Instrument :

BNA_F

ClientSampleId :

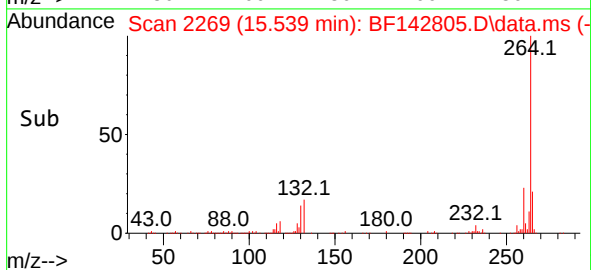
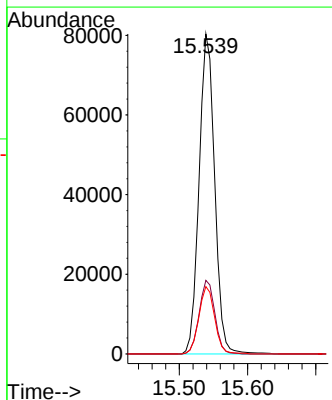
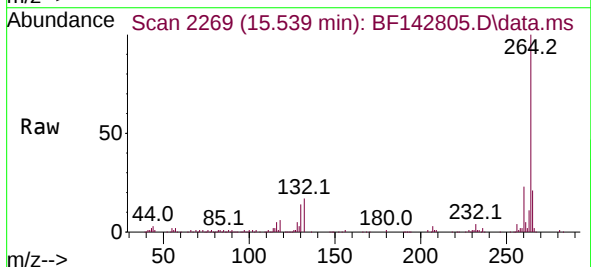
EP-5

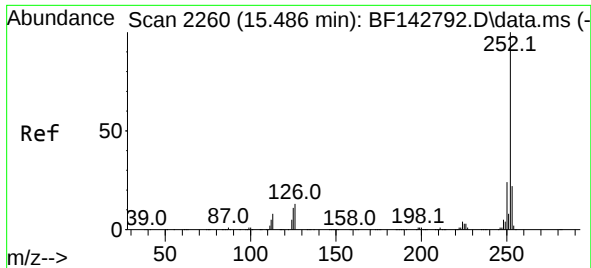
Tgt Ion:149 Resp: 888
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 7.6 11.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

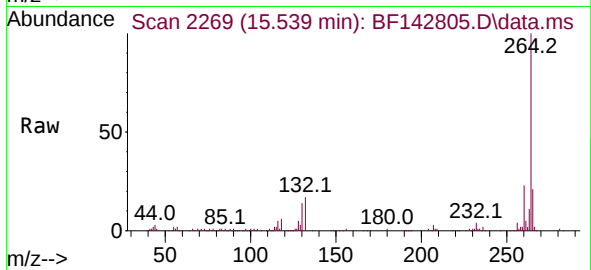
Tgt Ion:264 Resp: 127798
Ion Ratio Lower Upper
264 100
260 23.0 18.1 27.1
265 21.0 16.6 25.0





#90
Benzo(a)pyrene
Concen: 0.036 ng
RT: 15.539 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

Instrument :
BNA_F
ClientSampleId :
EP-5



Tgt Ion:252 Resp: 258
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 79.0 8.6 12.8#

