

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142904.D
 Acq On : 27 Jun 2025 20:37
 Operator : RC/JU
 Sample : Q2355-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20071

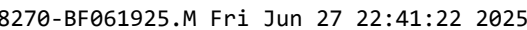
Quant Time: Jun 27 22:41:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	61151	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	213959	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	28618	20.000	ng	# 0.04
64) Phenanthrene-d10	11.386	188	5067	20.000	ng	#-0.02
76) Chrysene-d12	14.098	240	30456	20.000	ng	# 0.04
86) Perylene-d12	15.568	264	66707	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	433111	117.921	ng	0.00
7) Phenol-d6	6.510	99	455671	105.156	ng	0.00
23) Nitrobenzene-d5	7.440	82	363379	93.156	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	101703	345.343	ng	0.08
45) 2-Fluorobiphenyl	9.269	172	644214	295.718	ng	0.02
79) Terphenyl-d14	13.139	244	334675	151.833	ng	0.14
Target Compounds						Qvalue
25) Isophorone	7.798	82	12821	2.049	ng	# 1
35) Caprolactam	8.587	113	20354	25.536	ng	# 1
37) 2-Methylnaphthalene	8.892	142	36888	5.681	ng	# 78
38) 1-Methylnaphthalene	8.892	142	37207	5.536	ng	81
46) 1,1'-Biphenyl	9.375	154	86565	38.292	ng	74
48) 2-Nitroaniline	9.439	65	4064	8.545	ng	# 57
49) Acenaphthylene	9.857	152	34896	12.495	ng	# 1
50) Dimethylphthalate	9.634	163	253014	136.583	ng	# 46
51) 2,6-Dinitrotoluene	9.798	165	33431	82.177	ng	# 45
53) 3-Nitroaniline	9.851	138	2749	6.137	ng	# 41
54) 2,4-Dinitrophenol	10.016	184	1275	6.259	ng	# 1
55) Dibenzofuran	10.181	168	28258	11.565	ng	# 1
56) 4-Nitrophenol	10.016	139	12362	40.315	ng	# 1
57) 2,4-Dinitrotoluene	10.181	165	7973	14.755	ng	# 50
58) Fluorene	10.528	166	73821	38.685	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	10.469	232	77994	167.048	ng	# 36
60) Diethylphthalate	10.428	149	5593	3.079	ng	# 27
61) 4-Chlorophenyl-phenyle...	10.575	204	4580	5.030	ng	# 1
62) 4-Nitroaniline	10.604	138	4147	10.123	ng	# 26
63) Azobenzene	10.757	77	16066	9.897	ng	# 35
65) 4,6-Dinitro-2-methylph...	10.551	198	8619	281.220	ng	# 1
66) n-Nitrosodiphenylamine	10.686	169	68895	392.318	ng	# 66
67) 4-Bromophenyl-phenylether	10.810	248	16341	283.367	ng	# 1
69) Atrazine	11.057	200	2825	62.296	ng	# 1
70) Pentachlorophenol	11.192	266	36175	1132.946	ng	# 58
71) Phenanthrene	11.392	178	2888	10.522	ng	# 1
72) Anthracene	11.392	178	2888	10.259	ng	# 1
73) Carbazole	11.622	167	4493	18.495	ng	# 1
74) Di-n-butylphthalate	12.010	149	41753	164.987	ng	# 26
75) Fluoranthene	12.598	202	1127	4.326	ng	# 1
77) Benzidine	12.751	184	4047	3.537	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.045	149	3255	2.732	ng	# 33

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

Quant Time: Jun 27 22:41:16 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
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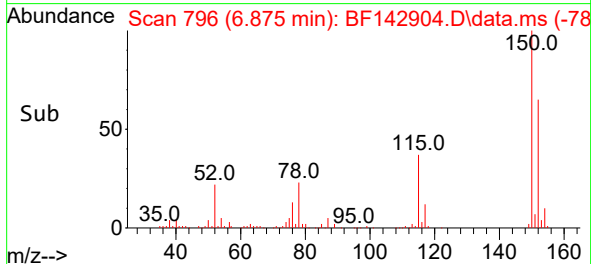
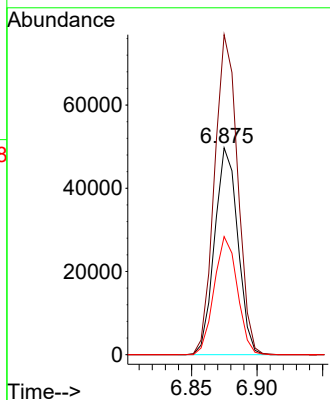
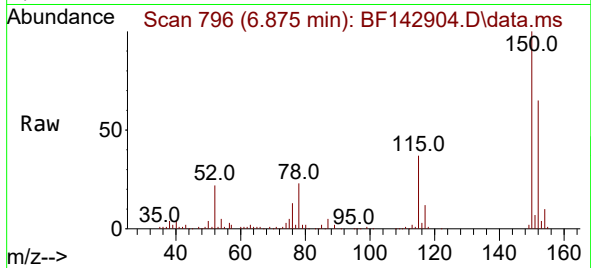




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

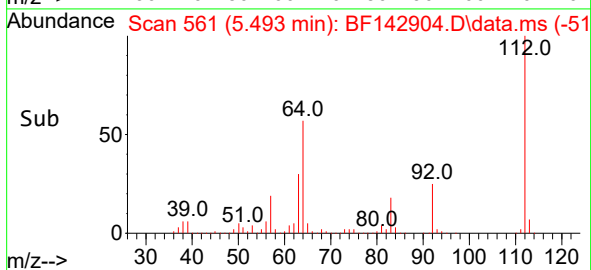
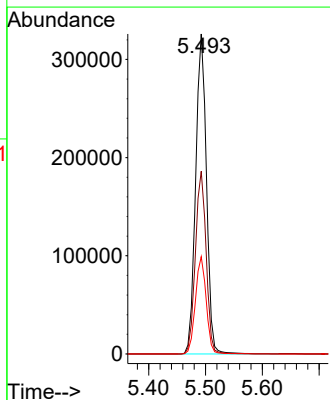
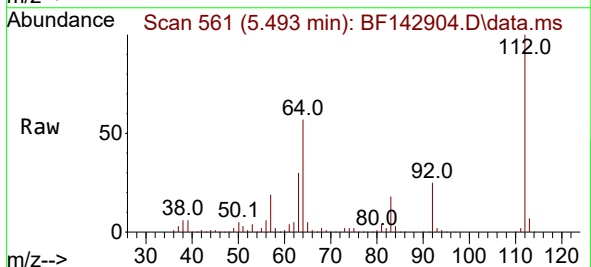
Instrument :
BNA_F
ClientSampleId :
20071

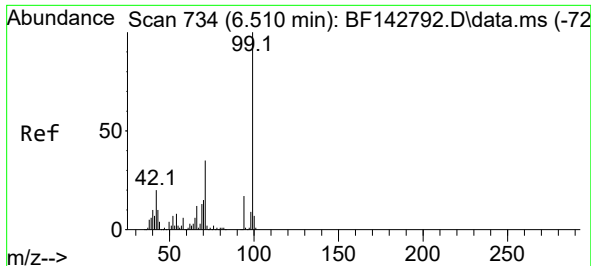
Tgt Ion:152 Resp: 61151
Ion Ratio Lower Upper
152 100
150 154.7 127.2 190.8
115 57.1 46.6 69.8



#5
2-Fluorophenol
Concen: 117.921 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.001 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

Tgt Ion:112 Resp: 433111
Ion Ratio Lower Upper
112 100
64 57.1 48.2 72.2
63 30.4 25.7 38.5

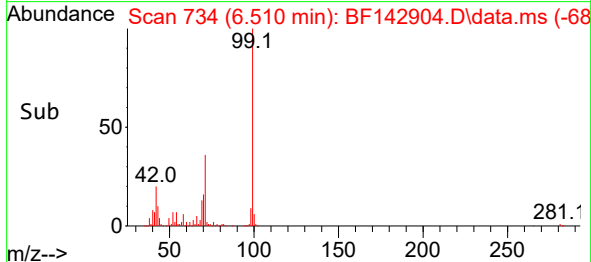
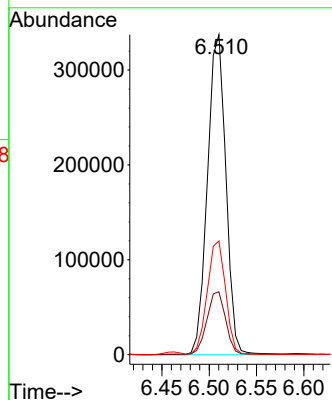
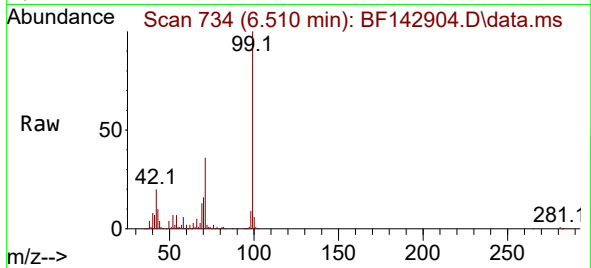




#7
Phenol-d6
Concen: 105.156 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

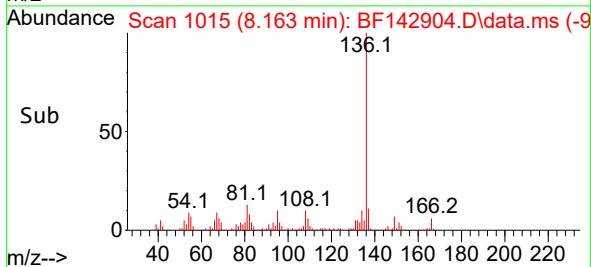
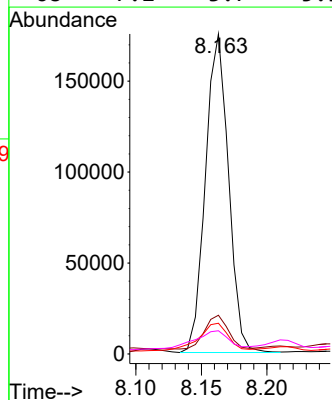
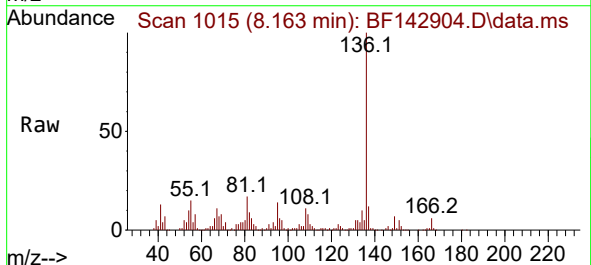
Instrument :
BNA_F
ClientSampleId :
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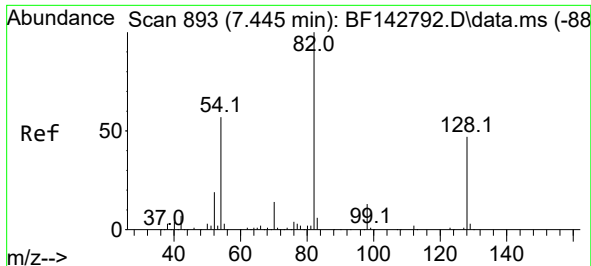
Tgt Ion: 99 Resp: 455671
Ion Ratio Lower Upper
99 100
42 19.6 15.9 23.9
71 35.5 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

Tgt Ion: 136 Resp: 213959
Ion Ratio Lower Upper
136 100
137 12.1 8.4 12.6
54 9.6 6.3 9.5#
68 7.2 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 93.156 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.005 min

Lab File: BF142904.D

Acq: 27 Jun 2025 20:37

Instrument :

BNA_F

ClientSampleId :

20071

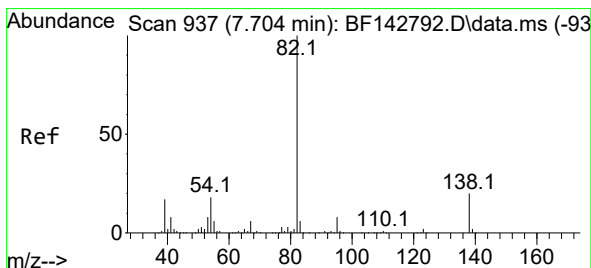
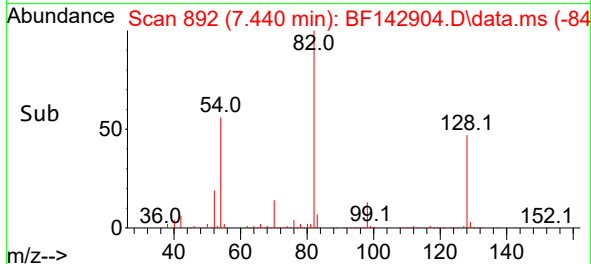
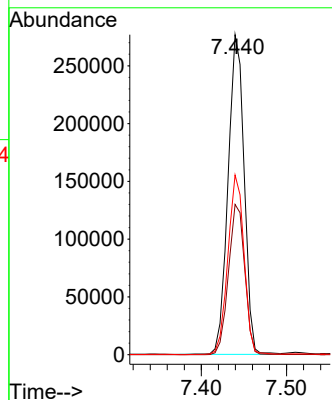
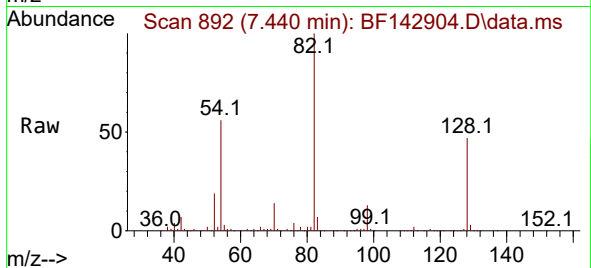
Tgt Ion: 82 Resp: 363379

Ion Ratio Lower Upper

82 100

128 47.0 37.7 56.5

54 56.1 45.7 68.5



#25

Isophorone

Concen: 2.049 ng

RT: 7.798 min Scan# 953

Delta R.T. 0.094 min

Lab File: BF142904.D

Acq: 27 Jun 2025 20:37

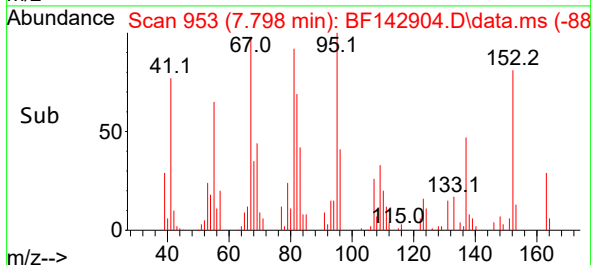
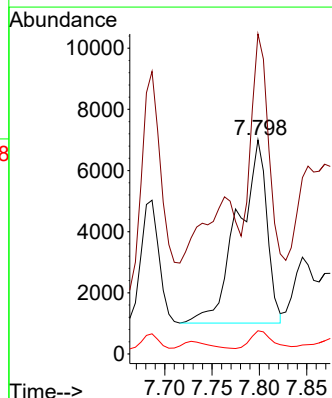
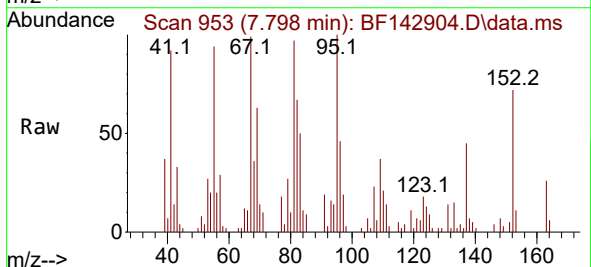
Tgt Ion: 82 Resp: 12821

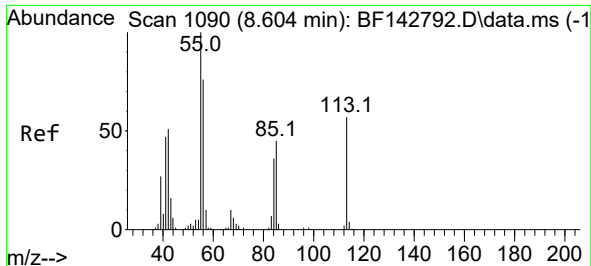
Ion Ratio Lower Upper

82 100

95 149.5 6.2 9.2#

138 10.8 16.2 24.4#

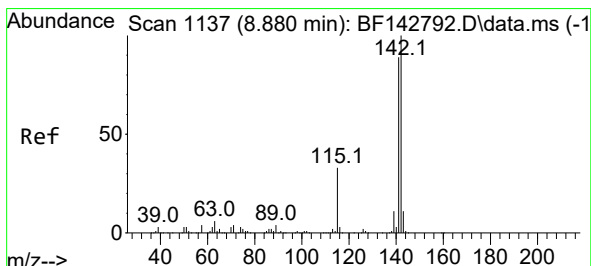
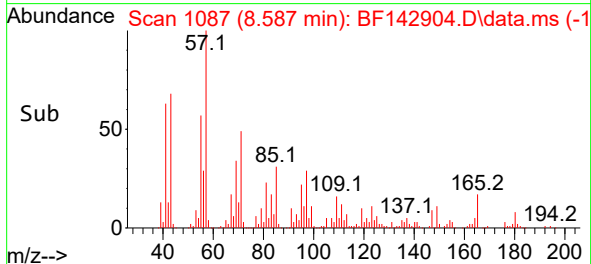
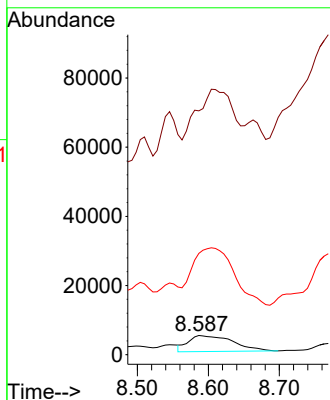
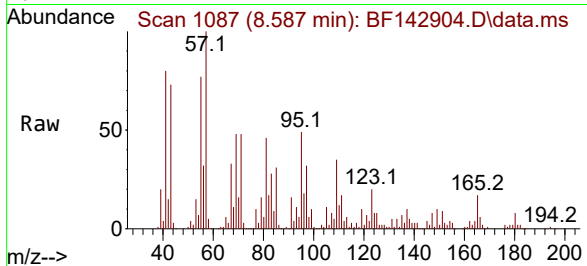




#35
 Caprolactam
 Concen: 25.536 ng
 RT: 8.587 min Scan# 1090
 Delta R.T. -0.018 min
 Lab File: BF142904.D
 Acq: 27 Jun 2025 20:37

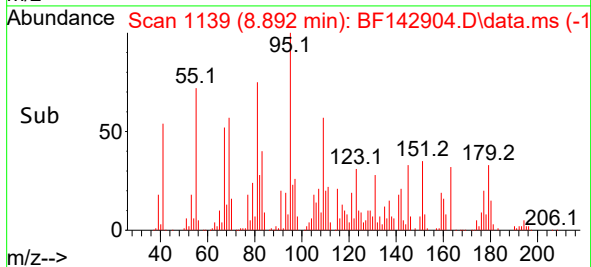
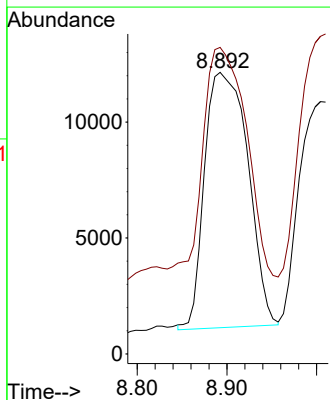
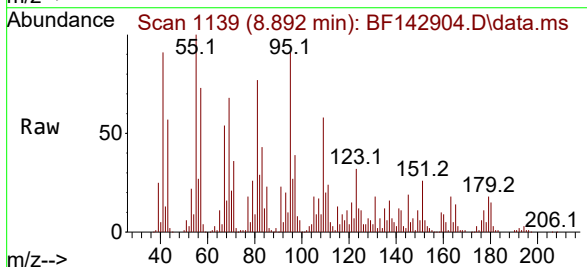
Instrument :
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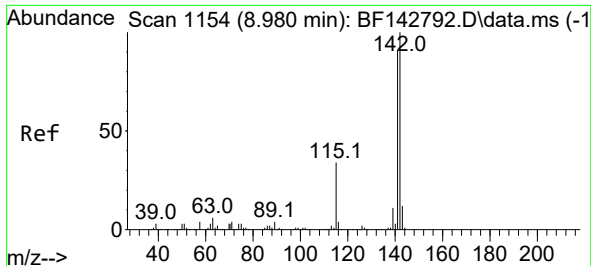
Tgt Ion:113 Resp: 20354
 Ion Ratio Lower Upper
 113 100
 55 1272.2 154.4 194.4#
 56 528.6 112.1 152.1#



#37
 2-Methylnaphthalene
 Concen: 5.681 ng
 RT: 8.892 min Scan# 1139
 Delta R.T. 0.012 min
 Lab File: BF142904.D
 Acq: 27 Jun 2025 20:37

Tgt Ion:142 Resp: 36888
 Ion Ratio Lower Upper
 142 100
 141 108.9 70.9 106.3#





#38

1-Methylnaphthalene

Concen: 5.536 ng

RT: 8.892 min Scan# 1139

Delta R.T. -0.088 min

Lab File: BF142904.D

Acq: 27 Jun 2025 20:37

Instrument :

BNA_F

ClientSampleId :

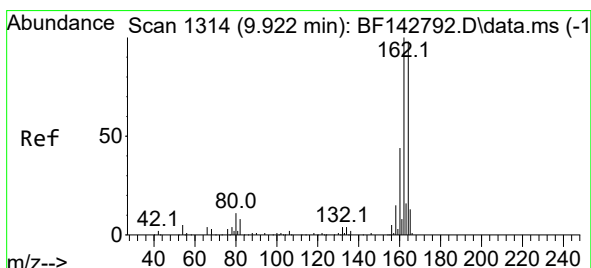
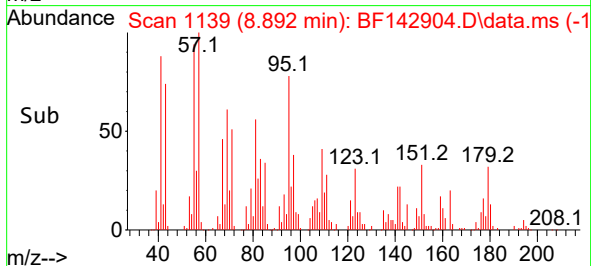
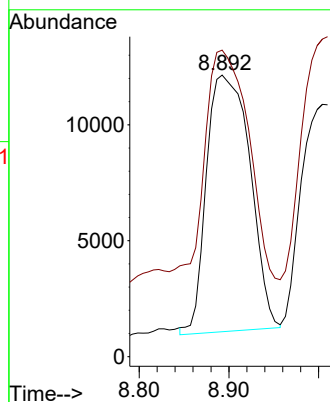
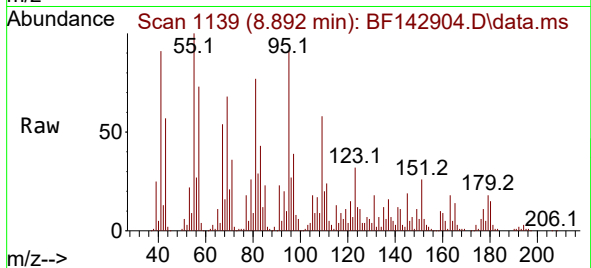
20071

Tgt Ion:142 Resp: 37207

Ion Ratio Lower Upper

142 100

141 108.9 73.0 109.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1320

Delta R.T. 0.035 min

Lab File: BF142904.D

Acq: 27 Jun 2025 20:37

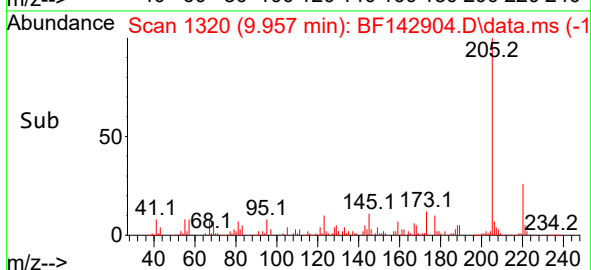
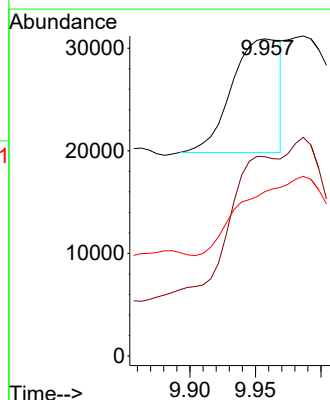
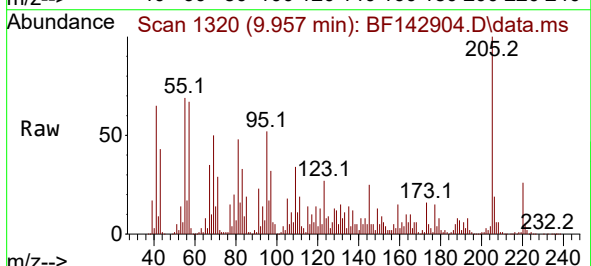
Tgt Ion:164 Resp: 28618

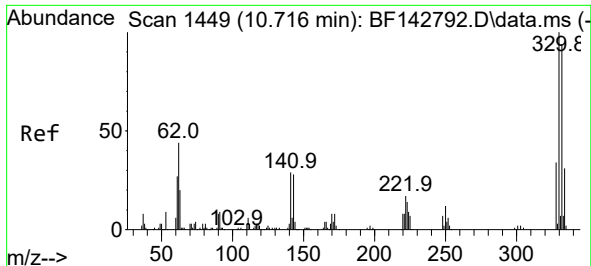
Ion Ratio Lower Upper

164 100

162 62.8 81.8 122.8#

160 51.8 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 345.343 ng

RT: 10.798 min Scan# 1449

Delta R.T. 0.082 min

Lab File: BF142904.D

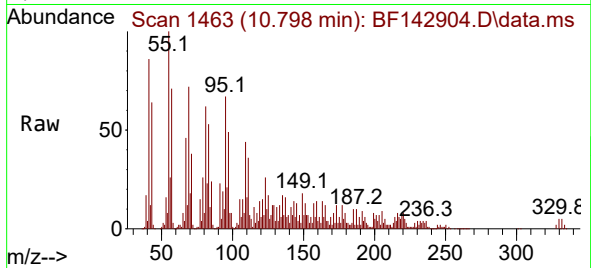
Acq: 27 Jun 2025 20:37

Instrument :

BNA_F

ClientSampleId :

20071



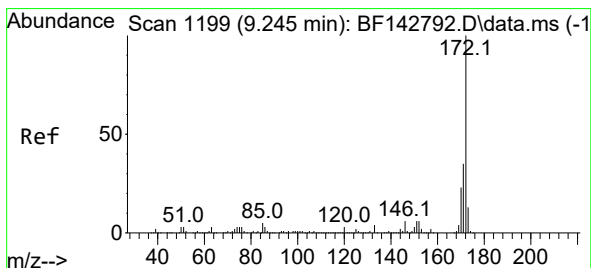
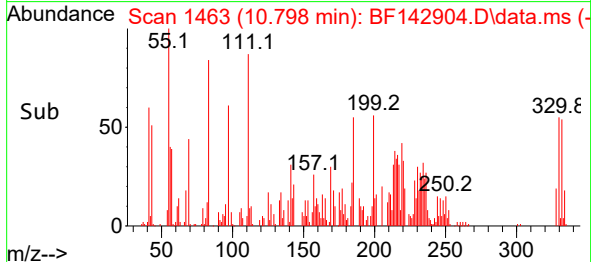
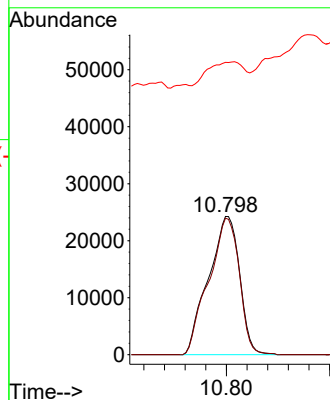
Tgt Ion:330 Resp: 101703

Ion Ratio Lower Upper

330 100

332 96.7 75.0 112.6

141 15.0 25.3 37.9#



#45

2-Fluorobiphenyl

Concen: 295.718 ng

RT: 9.269 min Scan# 1203

Delta R.T. 0.024 min

Lab File: BF142904.D

Acq: 27 Jun 2025 20:37

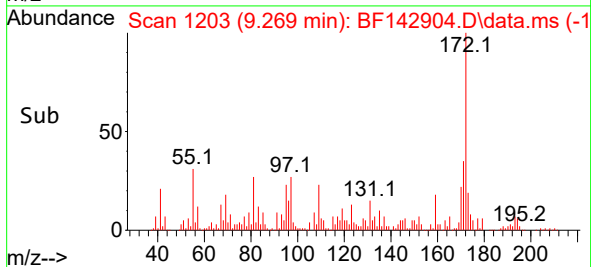
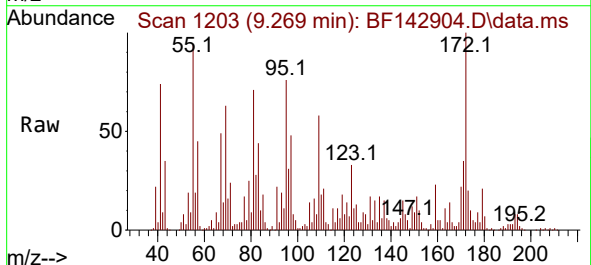
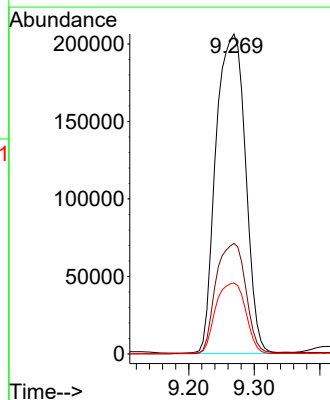
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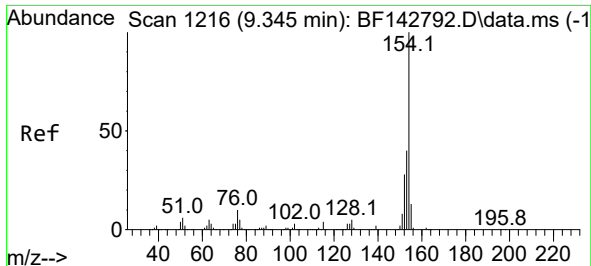
Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.4

170 22.2 18.5 27.7

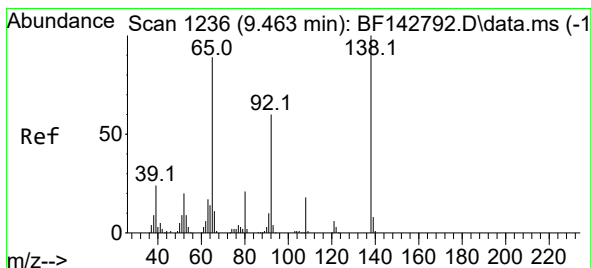
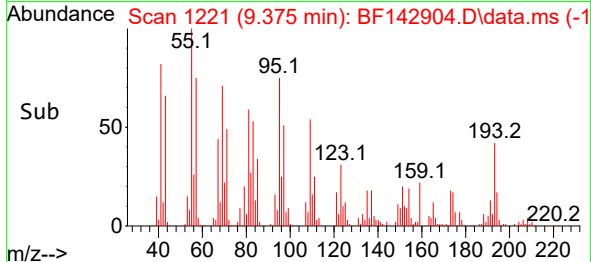
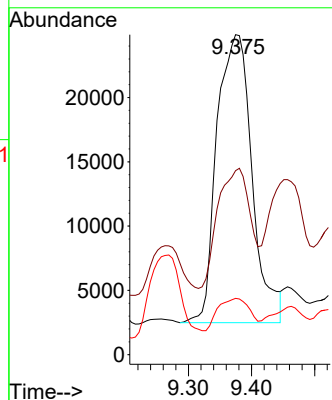
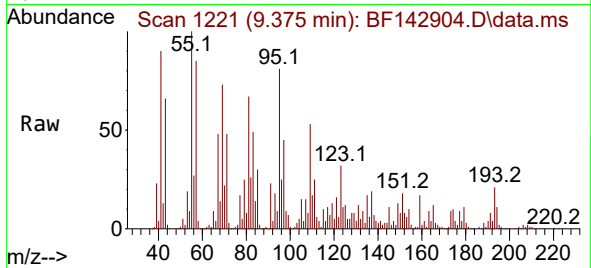




#46
1,1'-Biphenyl
Concen: 38.292 ng
RT: 9.375 min Scan# 11
Delta R.T. 0.030 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

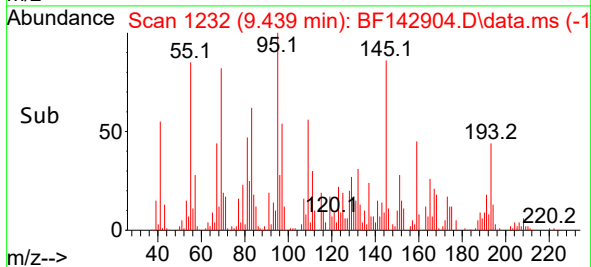
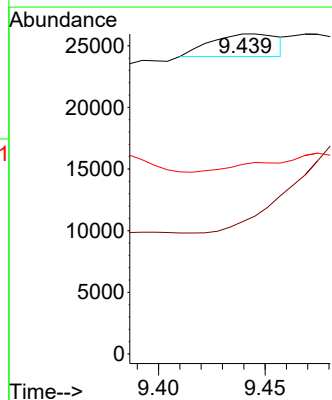
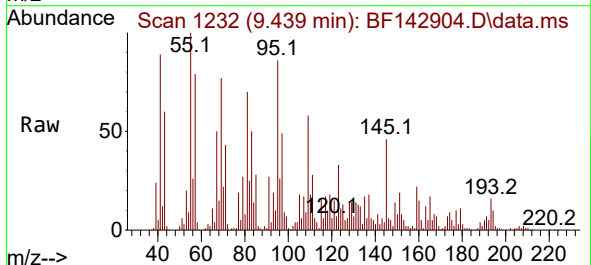
Instrument :
BNA_F
ClientSampleId :
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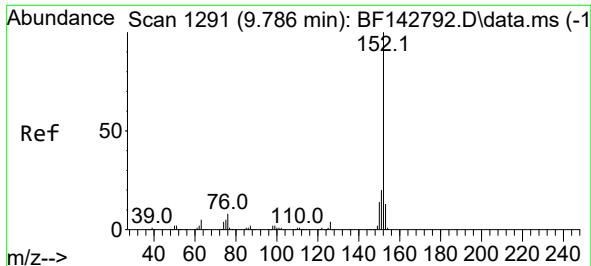
Tgt Ion:154 Resp: 86565
Ion Ratio Lower Upper
154 100
153 57.5 20.3 60.3
76 17.6 0.0 30.3



#48
2-Nitroaniline
Concen: 8.545 ng
RT: 9.439 min Scan# 1232
Delta R.T. -0.023 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

Tgt Ion: 65 Resp: 4064
Ion Ratio Lower Upper
65 100
92 41.3 53.8 80.6#
138 59.2 89.6 134.4#

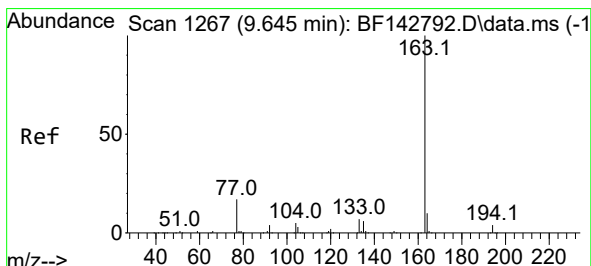
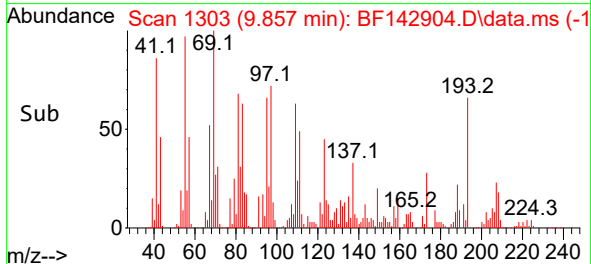
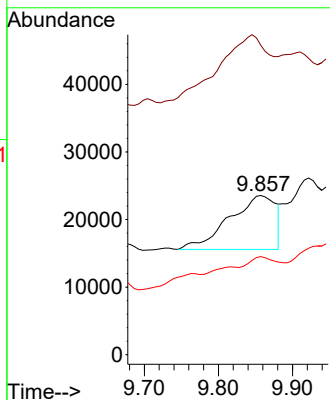
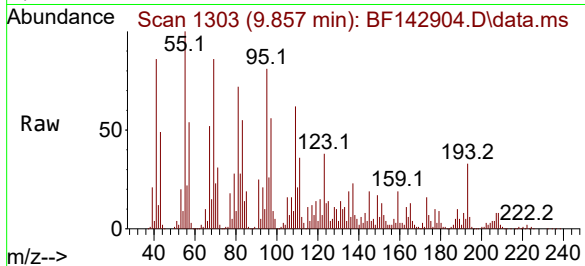




#49
Acenaphthylene
Concen: 12.495 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.071 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

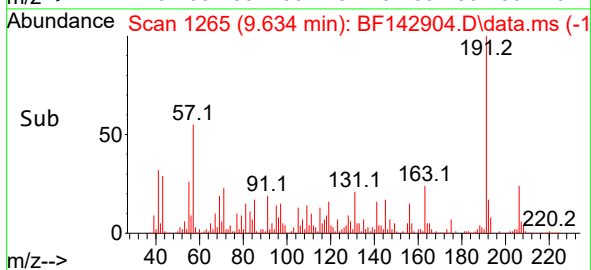
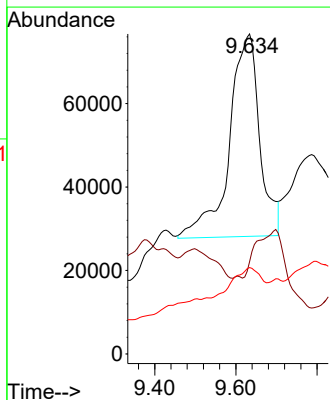
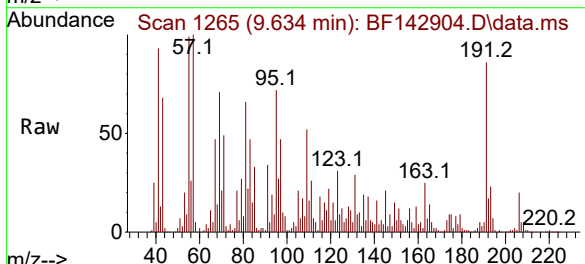
Instrument :
BNA_F
ClientSampleId :
20071

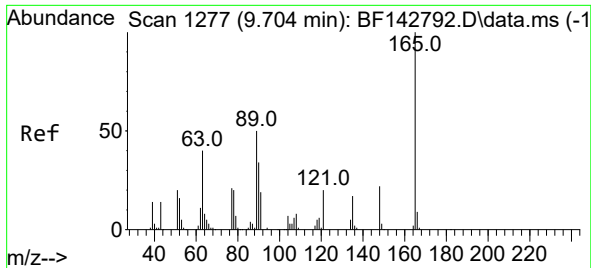
Tgt Ion:152 Resp: 34896
Ion Ratio Lower Upper
152 100
151 194.3 16.1 24.1#
153 61.6 10.4 15.6#



#50
Dimethylphthalate
Concen: 136.583 ng
RT: 9.634 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

Tgt Ion:163 Resp: 253014
Ion Ratio Lower Upper
163 100
194 28.8 3.3 4.9#
164 27.0 8.0 12.0#

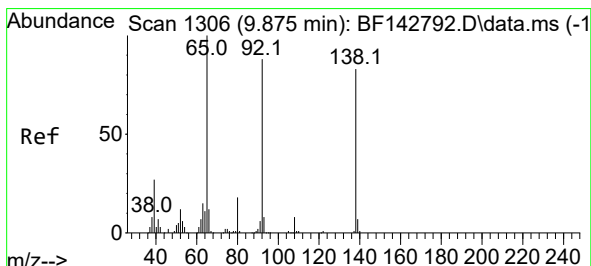
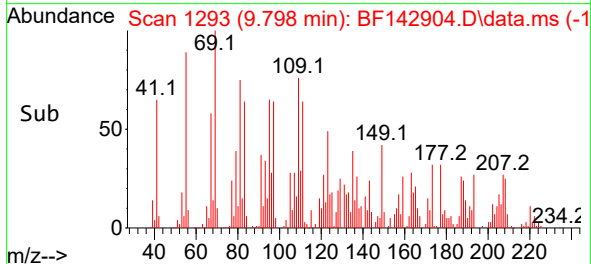
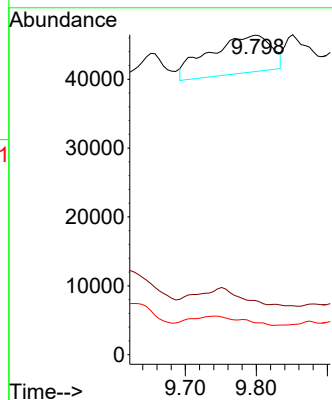
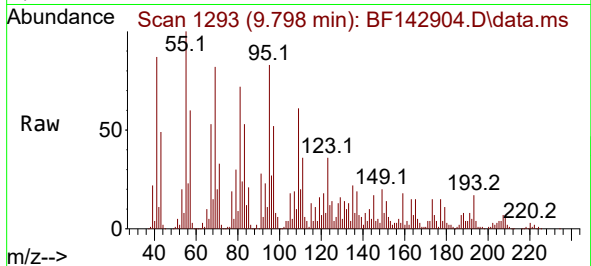




#51
2,6-Dinitrotoluene
Concen: 82.177 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

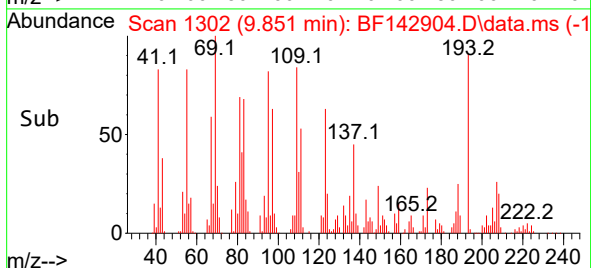
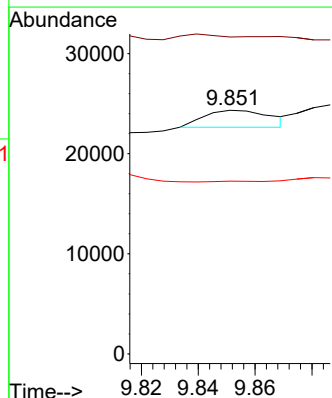
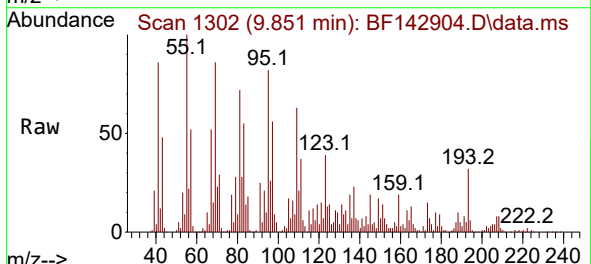
Instrument :
BNA_F
ClientSampleId :
20071

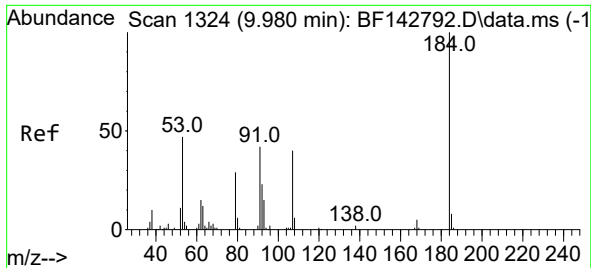
Tgt Ion:165 Resp: 33431
Ion Ratio Lower Upper
165 100
63 17.0 44.2 66.4#
89 9.9 39.8 59.8#



#53
3-Nitroaniline
Concen: 6.137 ng
RT: 9.851 min Scan# 1302
Delta R.T. -0.023 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

Tgt Ion:138 Resp: 2749
Ion Ratio Lower Upper
138 100
108 130.1 8.1 12.1#
92 70.9 85.1 127.7#

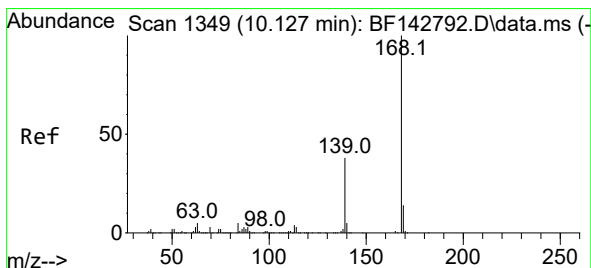
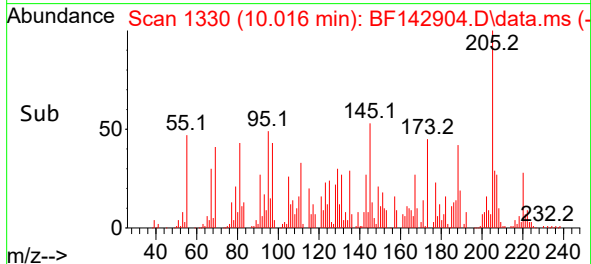
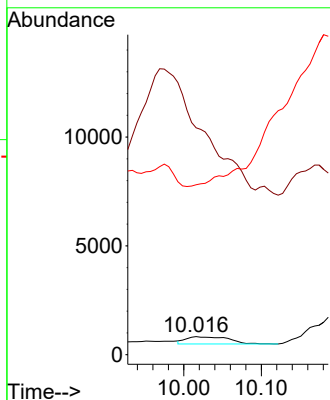
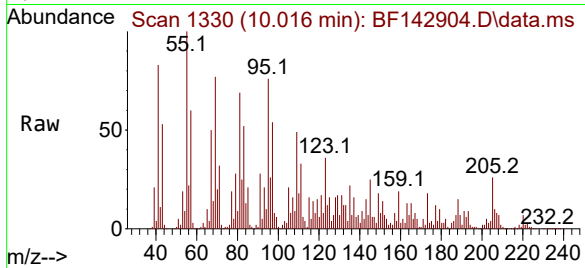




#54
2,4-Dinitrophenol
Concen: 6.259 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

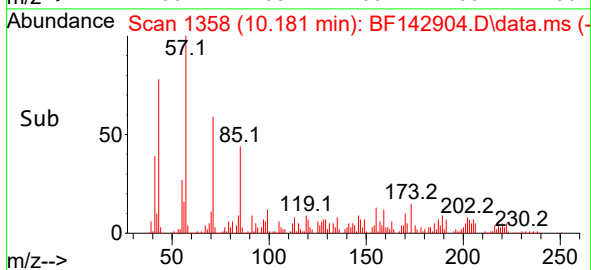
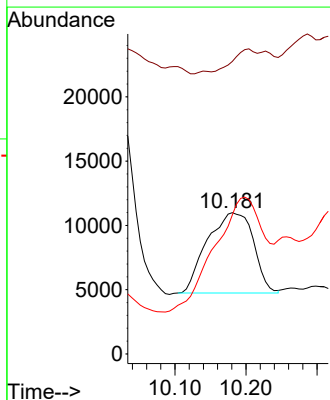
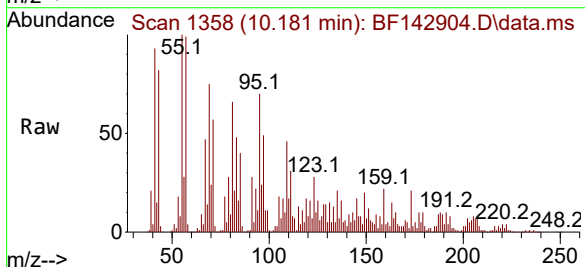
Instrument :
BNA_F
ClientSampleId :
20071

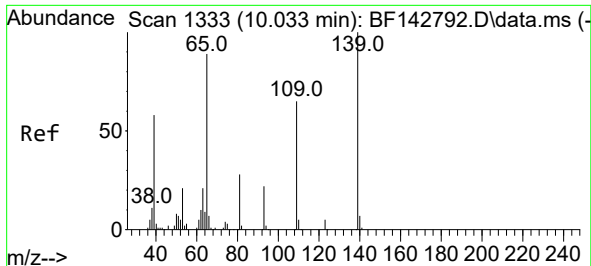
Tgt Ion:184 Resp: 1275
Ion Ratio Lower Upper
184 100
63 1253.4 50.6 75.8#
154 938.6 51.8 77.8#



#55
Dibenzofuran
Concen: 11.565 ng
RT: 10.181 min Scan# 1358
Delta R.T. 0.053 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

Tgt Ion:168 Resp: 28258
Ion Ratio Lower Upper
168 100
139 207.0 30.2 45.4#
169 98.4 10.8 16.2#

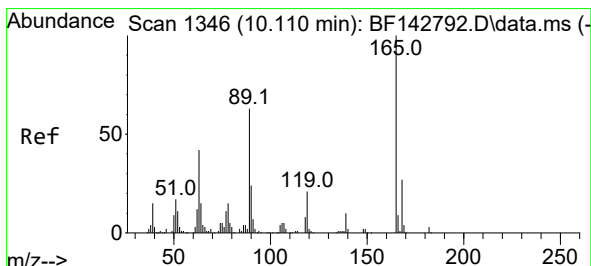
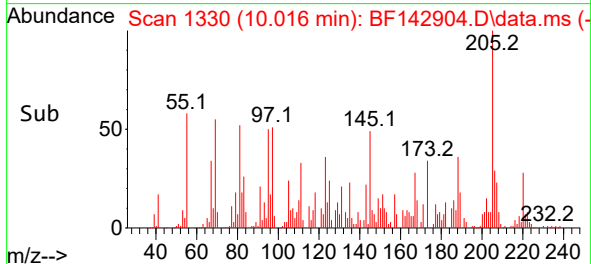
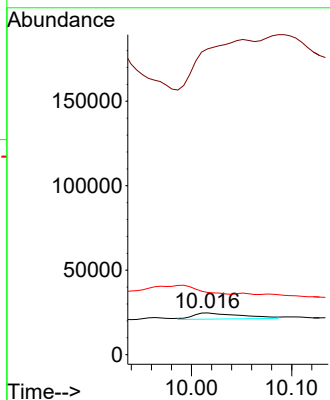
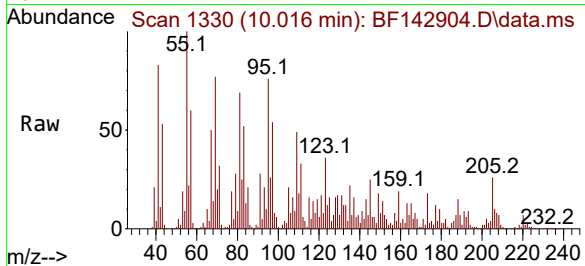




#56
4-Nitrophenol
Concen: 40.315 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

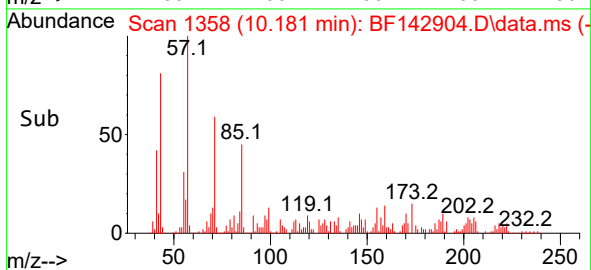
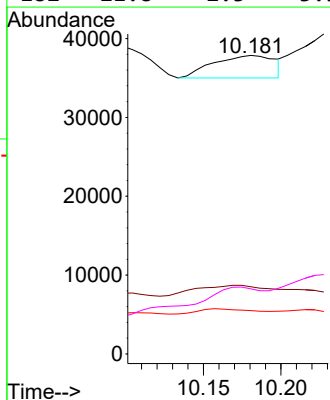
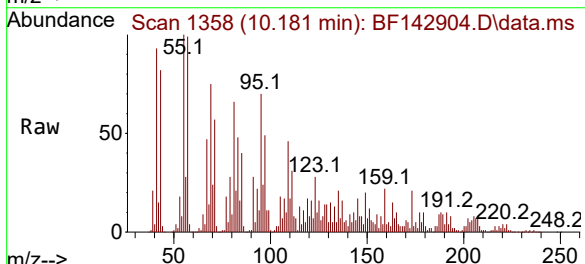
Instrument :
BNA_F
ClientSampleId :
20071

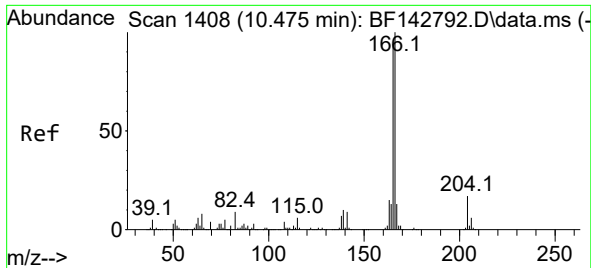
Tgt Ion:139 Resp: 12362
Ion Ratio Lower Upper
139 100
109 731.5 44.7 84.7#
65 148.8 69.8 109.8#



#57
2,4-Dinitrotoluene
Concen: 14.755 ng
RT: 10.181 min Scan# 1358
Delta R.T. 0.071 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

Tgt Ion:165 Resp: 7973
Ion Ratio Lower Upper
165 100
63 22.5 33.9 50.9#
89 14.5 50.6 75.8#
182 21.8 2.3 3.5#

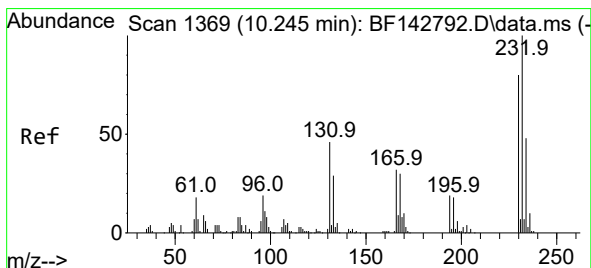
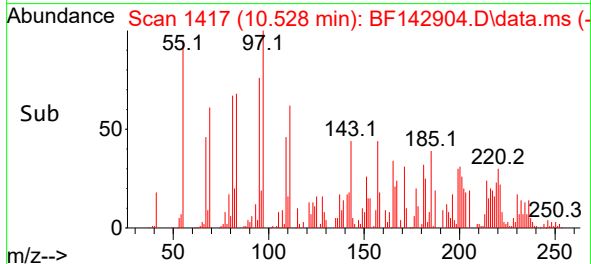
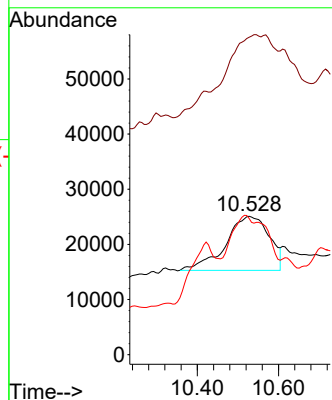
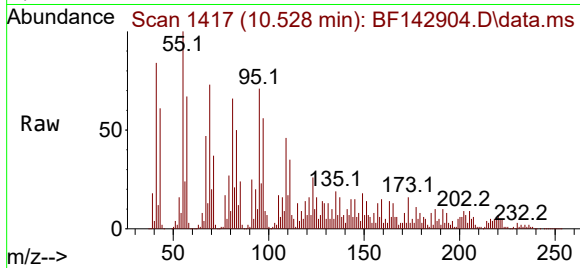




#58
Fluorene
Concen: 38.685 ng
RT: 10.528 min Scan# 1417
Delta R.T. 0.053 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

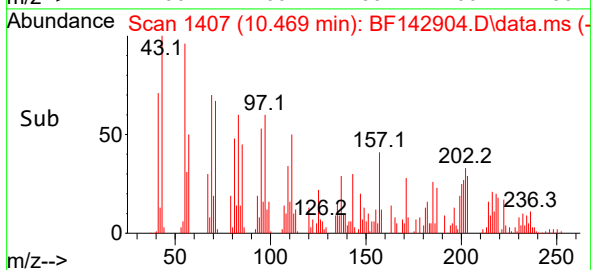
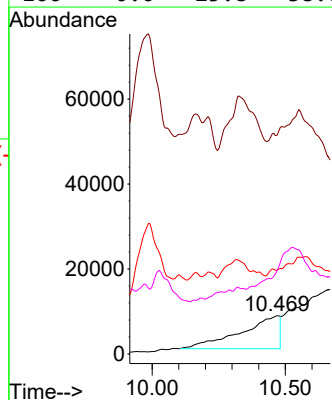
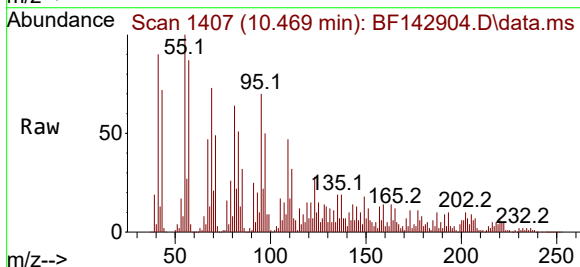
Instrument :
BNA_F
ClientSampleId :
20071

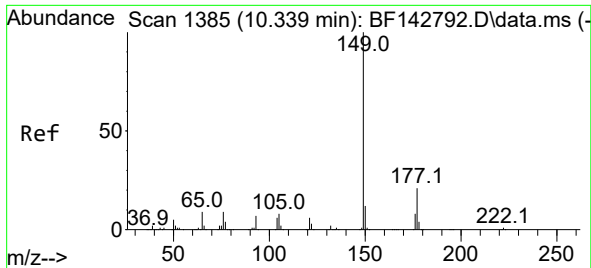
Tgt Ion:166 Resp: 73821
Ion Ratio Lower Upper
166 100
165 229.4 75.2 112.8#
167 98.3 10.6 15.8#



#59
2,3,4,6-Tetrachlorophenol
Concen: 167.048 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.224 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

Tgt Ion:232 Resp: 77994
Ion Ratio Lower Upper
232 100
131 0.0 37.6 56.4#
130 3.3 1.7 2.5#
166 0.0 25.8 38.6#

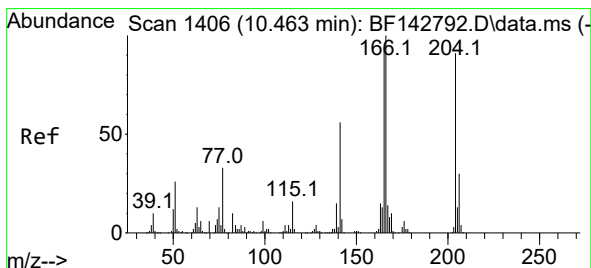
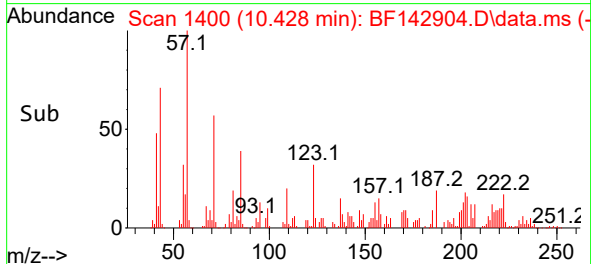
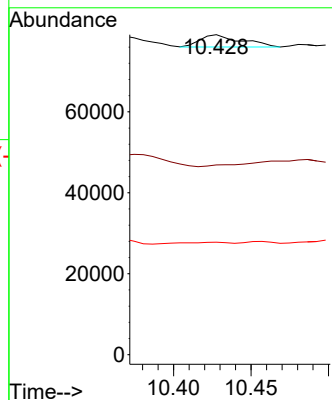
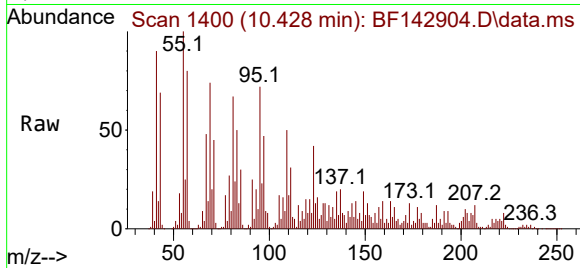




#60
Diethylphthalate
Concen: 3.079 ng
RT: 10.428 min Scan# 14
Delta R.T. 0.088 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

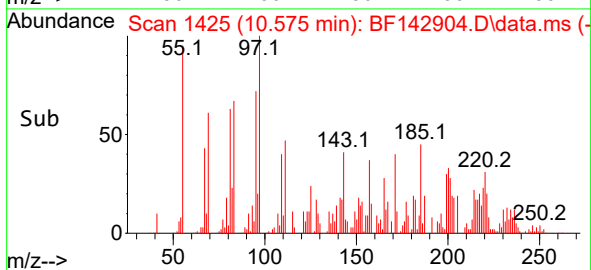
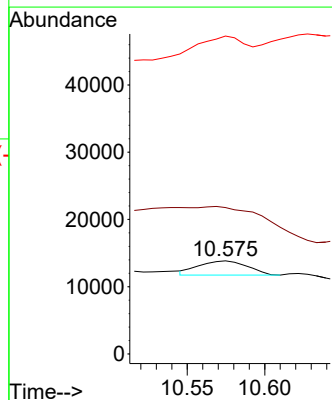
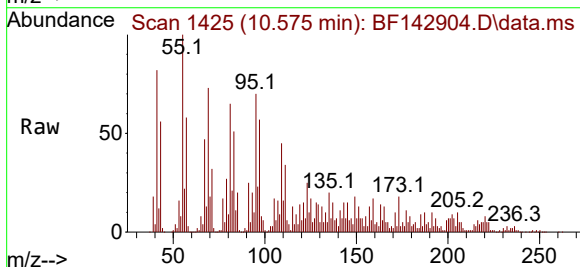
Instrument :
BNA_F
ClientSampleId :
20071

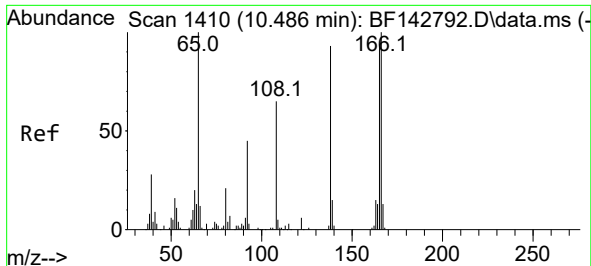
Tgt Ion:149 Resp: 5593
Ion Ratio Lower Upper
149 100
177 59.3 17.0 25.6#
150 35.2 9.8 14.6#



#61
4-Chlorophenyl-phenylether
Concen: 5.030 ng
RT: 10.575 min Scan# 1425
Delta R.T. 0.112 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

Tgt Ion:204 Resp: 4580
Ion Ratio Lower Upper
204 100
206 157.2 26.3 39.5#
141 341.4 49.1 73.7#

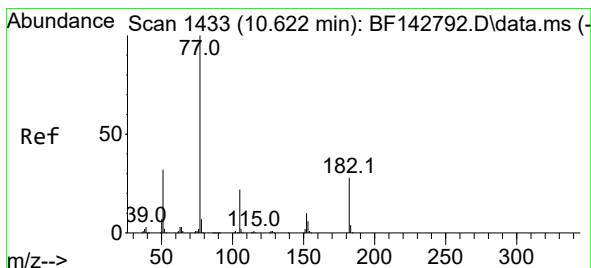
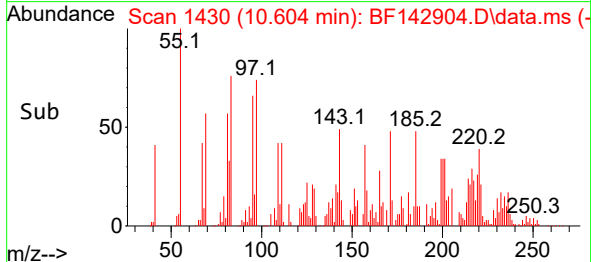
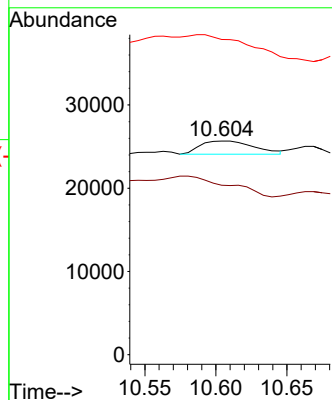
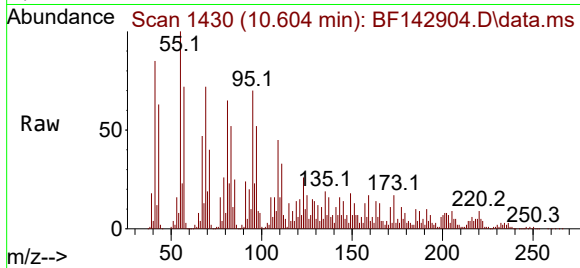




#62
4-Nitroaniline
Concen: 10.123 ng
RT: 10.604 min Scan# 1410
Delta R.T. 0.118 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

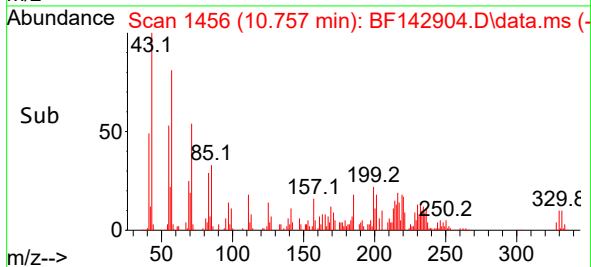
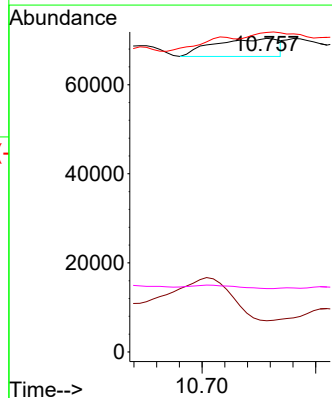
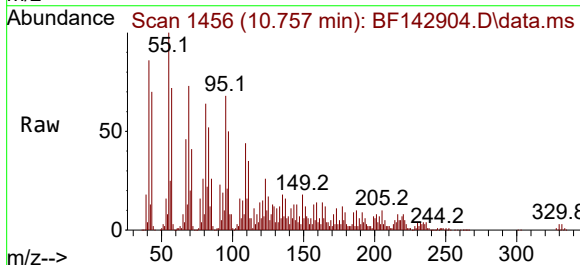
Instrument :
BNA_F
ClientSampleId :
20071

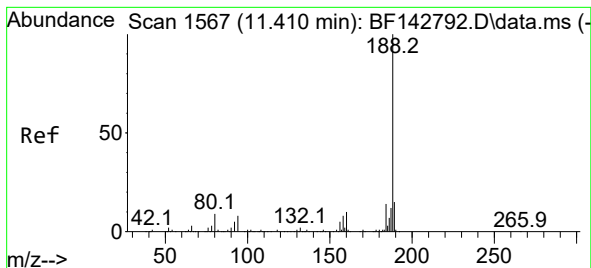
Tgt Ion:138 Resp: 4147
Ion Ratio Lower Upper
138 100
92 79.3 28.4 68.4#
108 147.5 50.2 90.2#



#63
Azobenzene
Concen: 9.897 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.135 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

Tgt Ion: 77 Resp: 16066
Ion Ratio Lower Upper
77 100
182 10.0 7.7 47.7
105 101.9 1.9 41.9#
51 20.2 13.3 53.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. -0.023 min

Lab File: BF142904.D

Acq: 27 Jun 2025 20:37

Instrument :

BNA_F

ClientSampleId :

20071

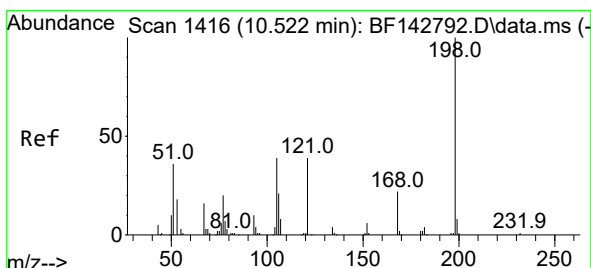
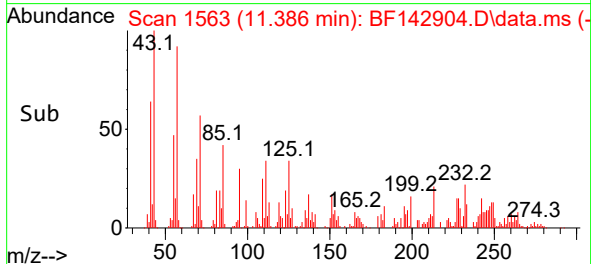
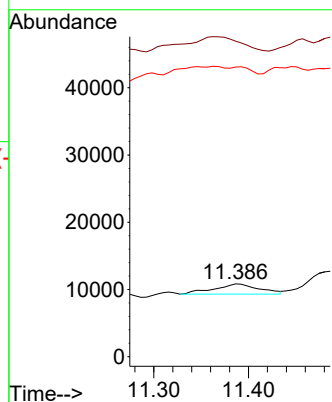
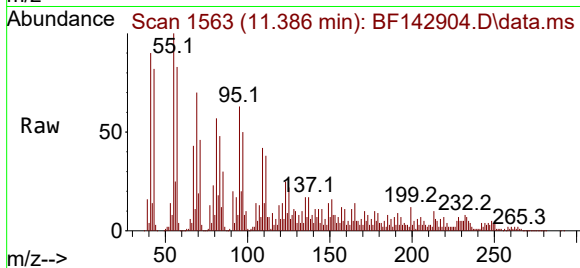
Tgt Ion:188 Resp: 5067

Ion Ratio Lower Upper

188 100

94 433.8 6.7 10.1#

80 398.1 6.9 10.3#



#65

4,6-Dinitro-2-methylphenol

Concen: 281.220 ng

RT: 10.551 min Scan# 1421

Delta R.T. 0.030 min

Lab File: BF142904.D

Acq: 27 Jun 2025 20:37

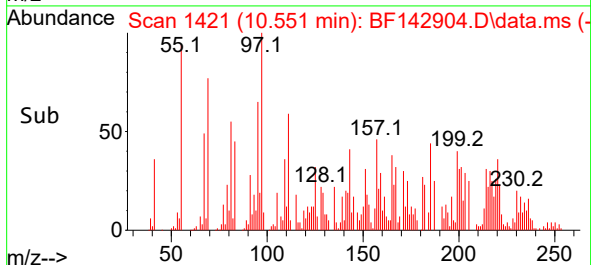
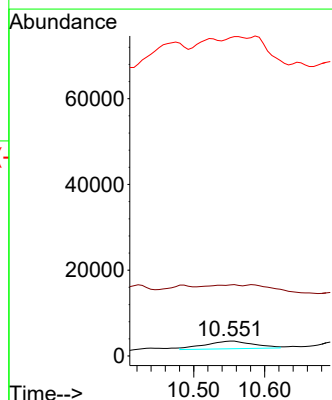
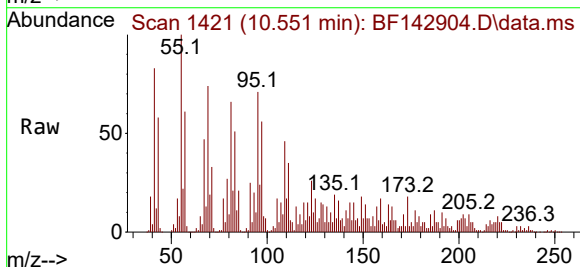
Tgt Ion:198 Resp: 8619

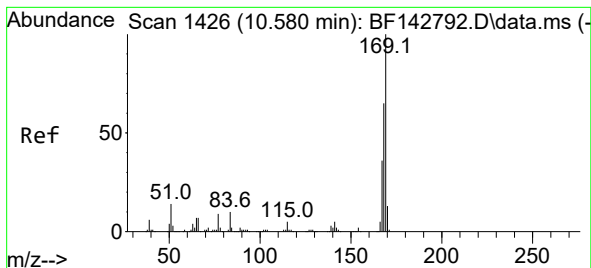
Ion Ratio Lower Upper

198 100

51 474.9 25.4 65.4#

105 2126.9 20.4 60.4#

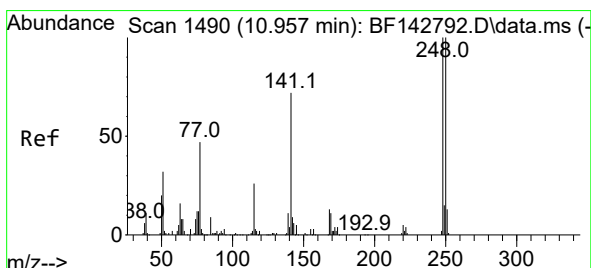
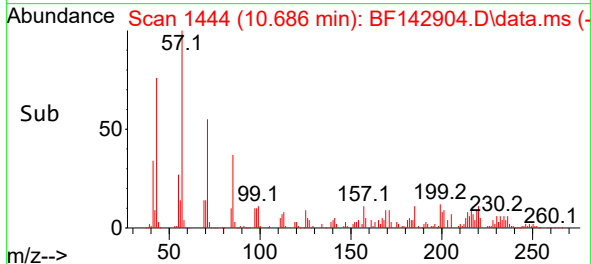
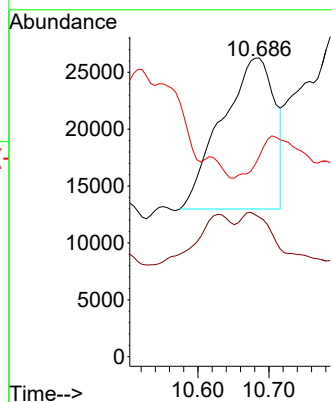
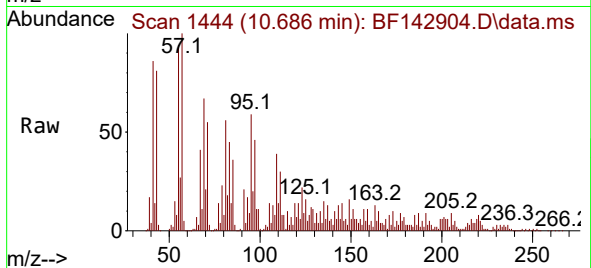




#66
n-Nitrosodiphenylamine
Concen: 392.318 ng
RT: 10.686 min Scan# 1444
Delta R.T. 0.106 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

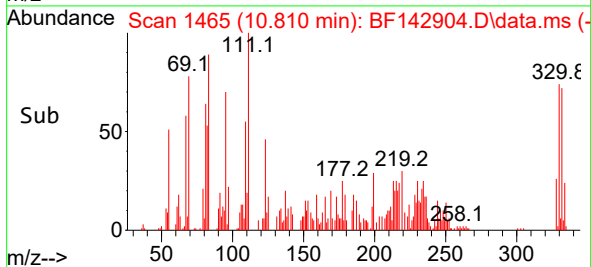
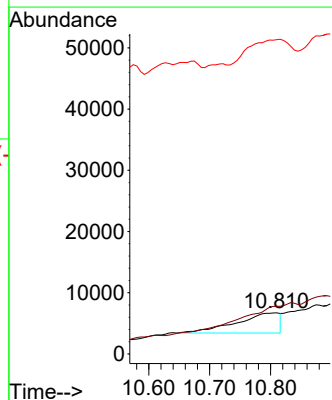
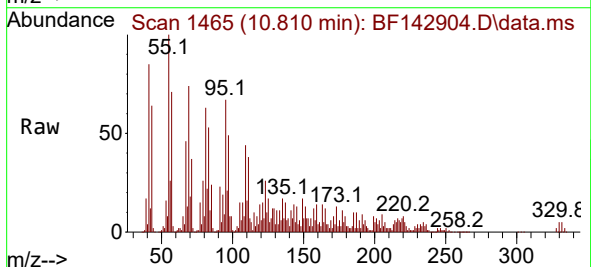
Instrument :
BNA_F
ClientSampleId :
20071

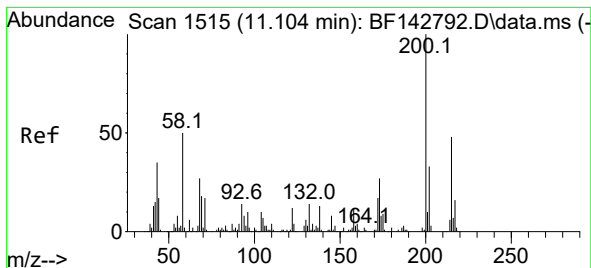
Tgt Ion:169 Resp: 68895
Ion Ratio Lower Upper
169 100
168 46.7 51.9 77.9#
167 67.0 28.5 42.7#



#67
4-Bromophenyl-phenylether
Concen: 283.367 ng
RT: 10.810 min Scan# 1465
Delta R.T. -0.147 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

Tgt Ion:248 Resp: 16341
Ion Ratio Lower Upper
248 100
250 116.2 79.8 119.8
141 764.6 57.8 86.6#





#69

Atrazine

Concen: 62.296 ng

RT: 11.057 min Scan# 11

Delta R.T. -0.047 min

Lab File: BF142904.D

Acq: 27 Jun 2025 20:37

Instrument :

BNA_F

ClientSampleId :

20071

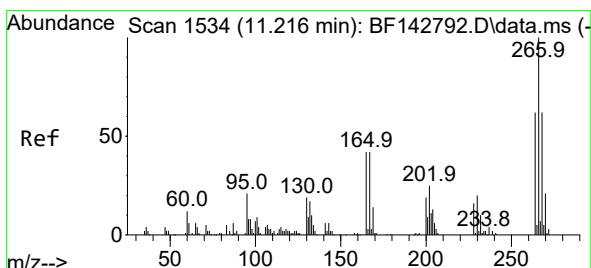
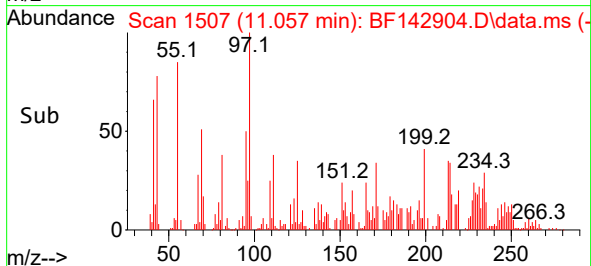
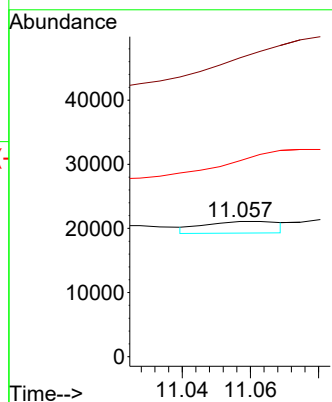
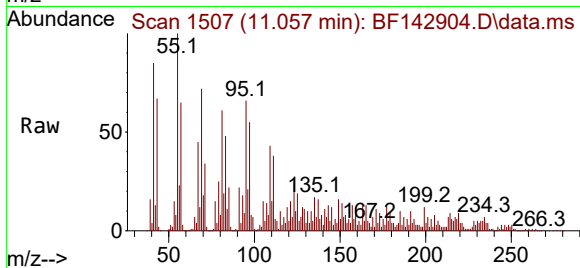
Tgt Ion:200 Resp: 2825

Ion Ratio Lower Upper

200 100

173 221.0 7.4 47.4#

215 144.9 28.4 68.4#



#70

Pentachlorophenol

Concen: 1132.946 ng

RT: 11.192 min Scan# 1530

Delta R.T. -0.023 min

Lab File: BF142904.D

Acq: 27 Jun 2025 20:37

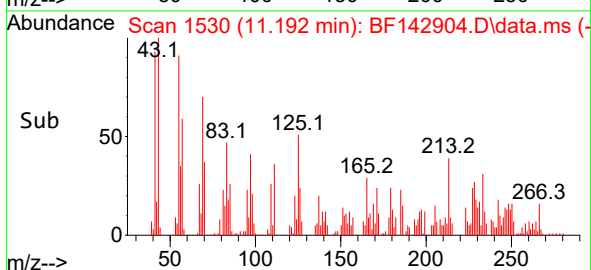
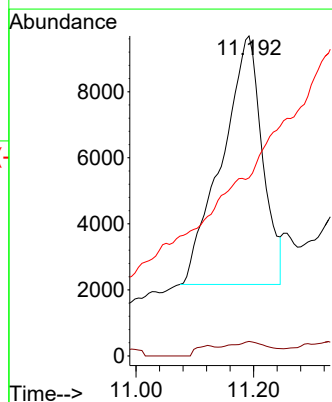
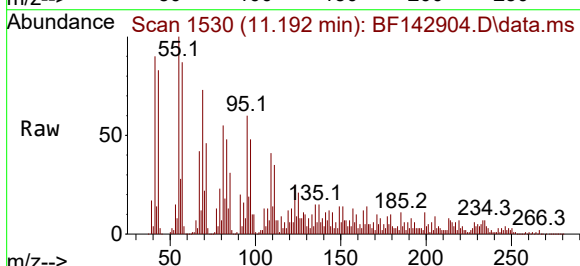
Tgt Ion:266 Resp: 36175

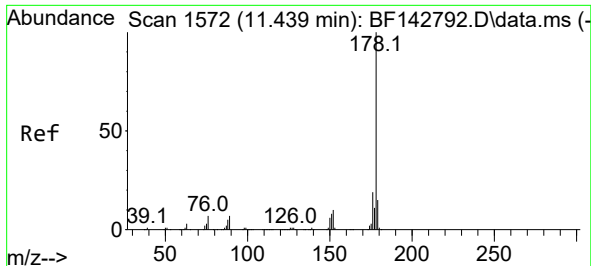
Ion Ratio Lower Upper

266 100

268 4.5 49.8 74.8#

264 55.6 49.9 74.9

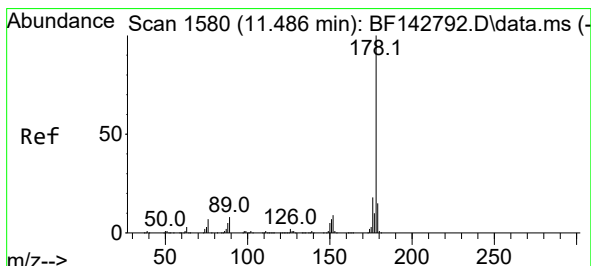
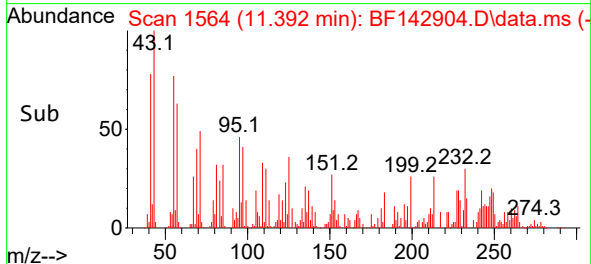
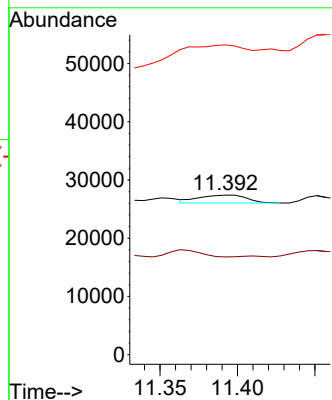
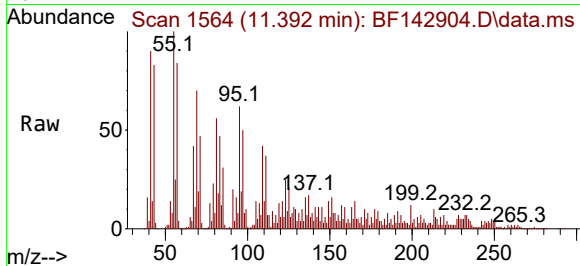




#71
Phenanthrene
Concen: 10.522 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.047 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

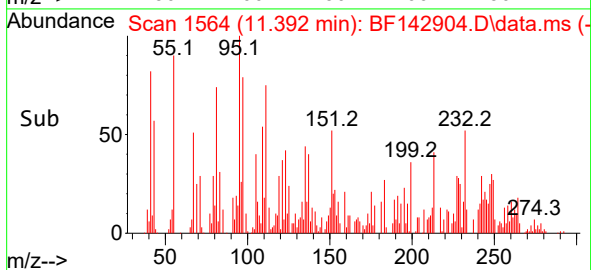
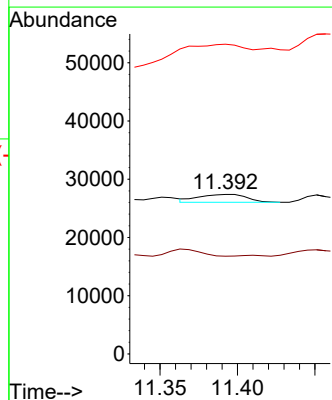
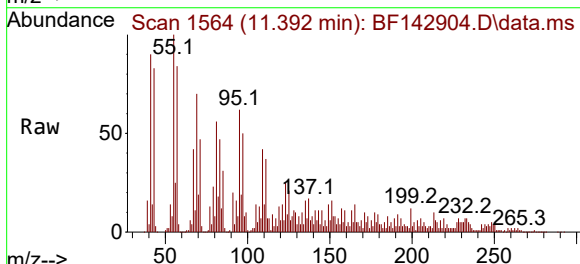
Instrument :
BNA_F
ClientSampleId :
20071

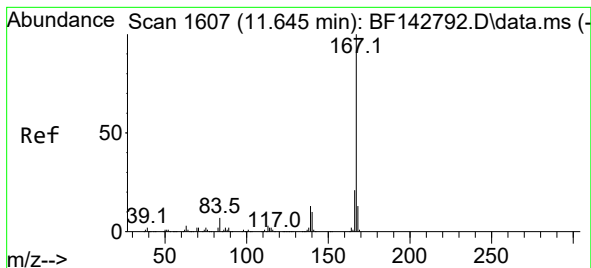
Tgt Ion:178 Resp: 2888
Ion Ratio Lower Upper
178 100
176 61.2 15.1 22.7#
179 194.2 12.0 18.0#



#72
Anthracene
Concen: 10.259 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.094 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

Tgt Ion:178 Resp: 2888
Ion Ratio Lower Upper
178 100
176 61.2 14.6 21.8#
179 194.2 12.4 18.6#





#73

Carbazole

Concen: 18.495 ng

RT: 11.622 min Scan# 1

Delta R.T. -0.023 min

Lab File: BF142904.D

Acq: 27 Jun 2025 20:37

Instrument :

BNA_F

ClientSampleId :

20071

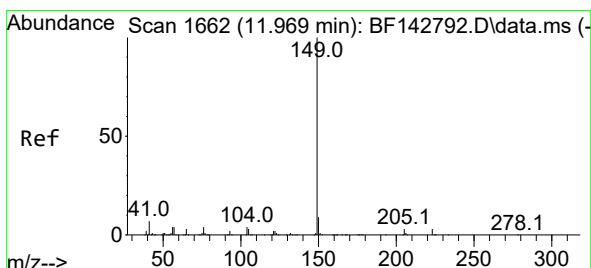
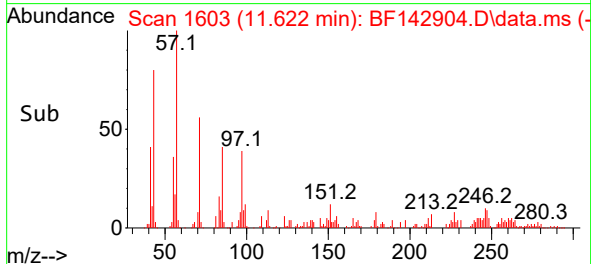
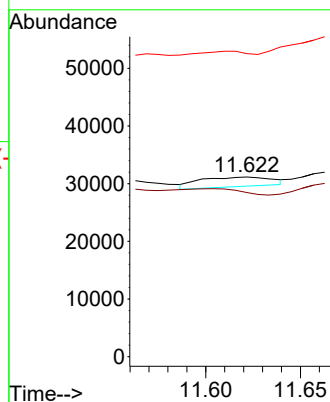
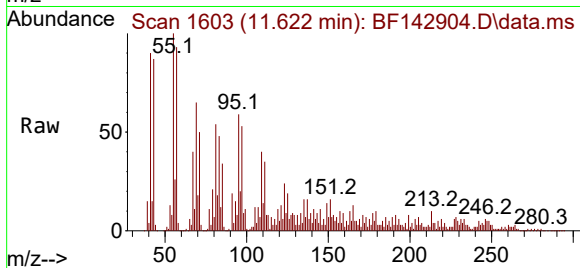
Tgt Ion:167 Resp: 4493

Ion Ratio Lower Upper

167 100

166 91.3 17.0 25.4#

139 168.7 10.2 15.2#



#74

Di-n-butylphthalate

Concen: 164.987 ng

RT: 12.010 min Scan# 1669

Delta R.T. 0.041 min

Lab File: BF142904.D

Acq: 27 Jun 2025 20:37

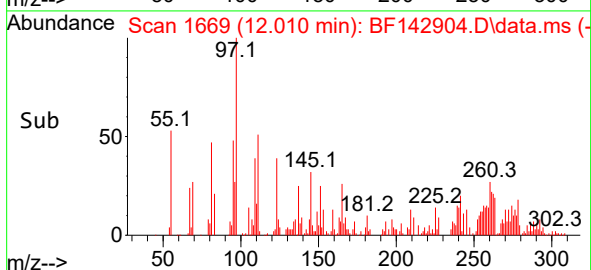
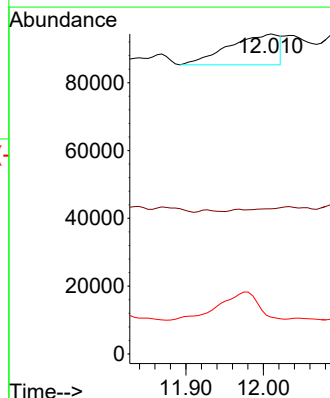
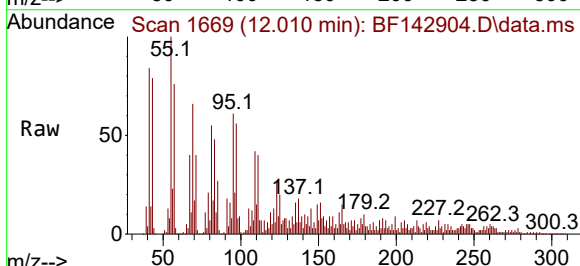
Tgt Ion:149 Resp: 41753

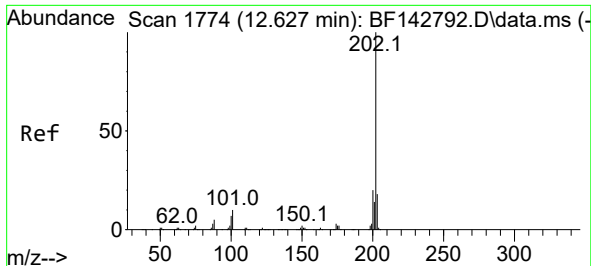
Ion Ratio Lower Upper

149 100

150 45.4 7.4 11.0#

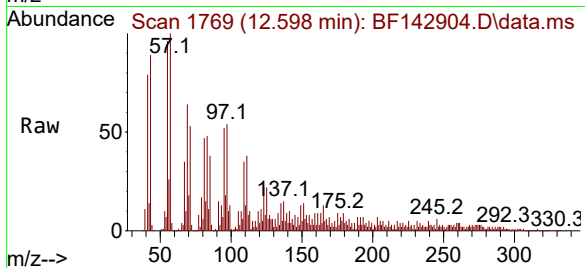
104 11.5 3.5 5.3#



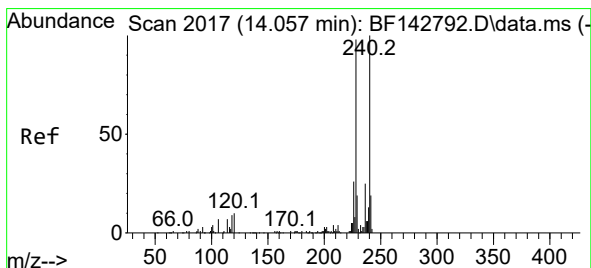
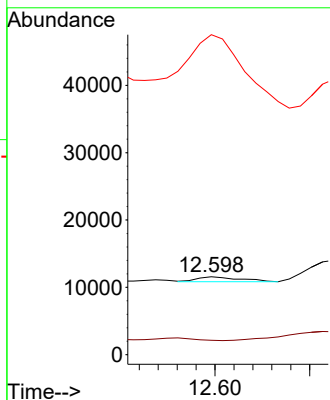
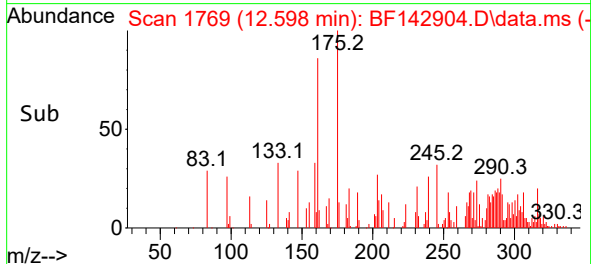


#75
Fluoranthene
Concen: 4.326 ng
RT: 12.598 min Scan# 1
Delta R.T. -0.029 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

Instrument :
BNA_F
ClientSampleId :
20071

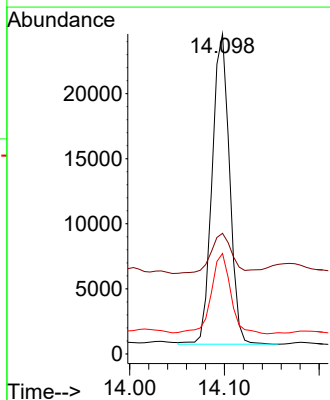
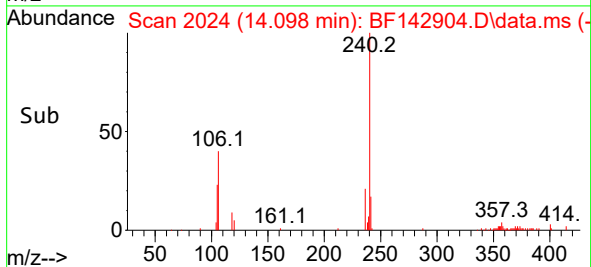
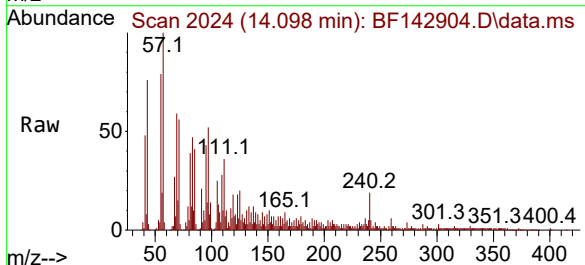


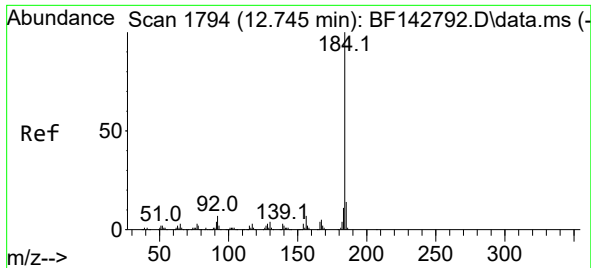
Tgt Ion:202 Resp: 1127
Ion Ratio Lower Upper
202 100
101 18.4 0.0 29.7
203 410.3 0.0 37.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.041 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

Tgt Ion:240 Resp: 30456
Ion Ratio Lower Upper
240 100
120 37.7 8.2 12.2#
236 31.4 19.8 29.8#

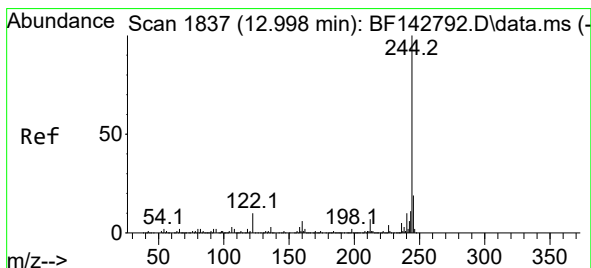
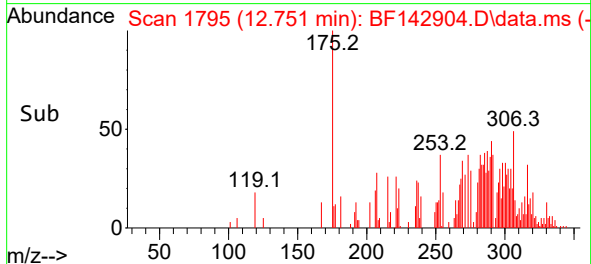
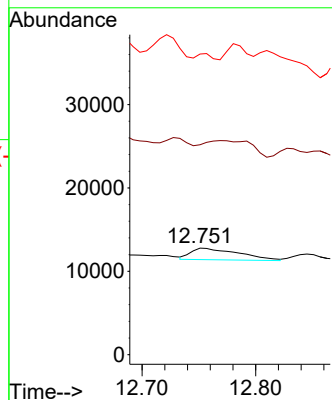
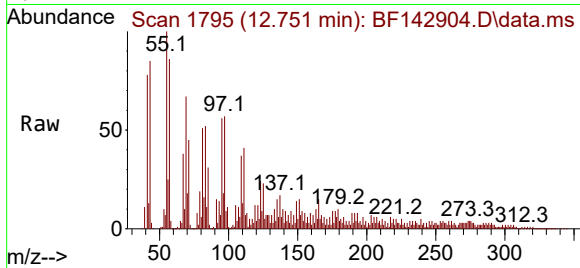




#77
Benzidine
Concen: 3.537 ng
RT: 12.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

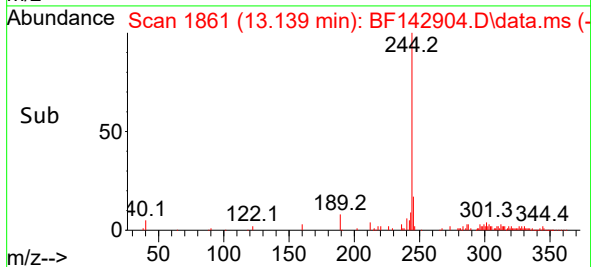
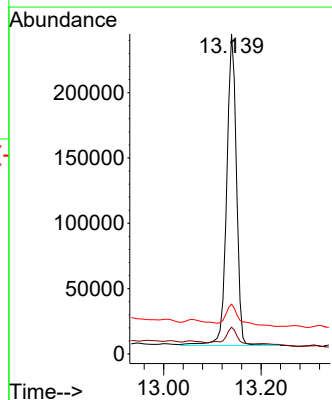
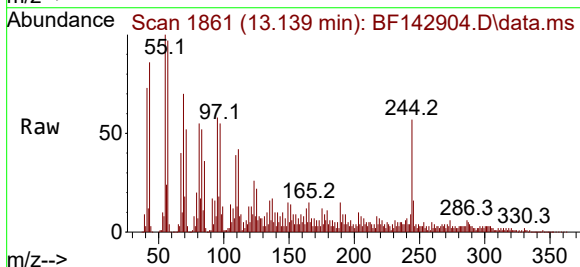
Instrument :
BNA_F
ClientSampleId :
20071

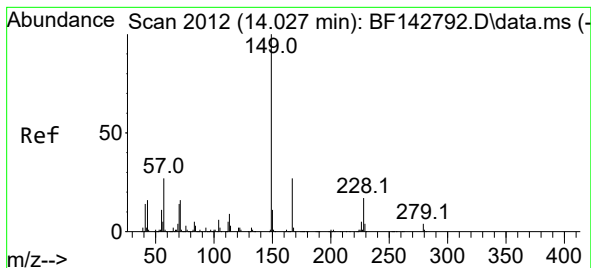
Tgt Ion:184 Resp: 4047
Ion Ratio Lower Upper
184 100
185 197.2 11.5 17.3#
183 282.3 9.0 13.4#



#79
Terphenyl-d14
Concen: 151.833 ng
RT: 13.139 min Scan# 1861
Delta R.T. 0.141 min
Lab File: BF142904.D
Acq: 27 Jun 2025 20:37

Tgt Ion:244 Resp: 334675
Ion Ratio Lower Upper
244 100
212 8.3 5.4 8.0#
122 15.5 8.2 12.2#





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.732 ng

RT: 14.045 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF142904.D

Acq: 27 Jun 2025 20:37

Instrument :

BNA_F

ClientSampleId :

20071

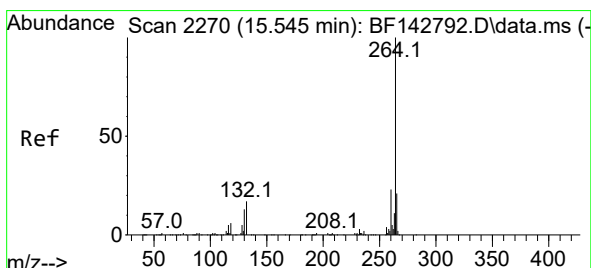
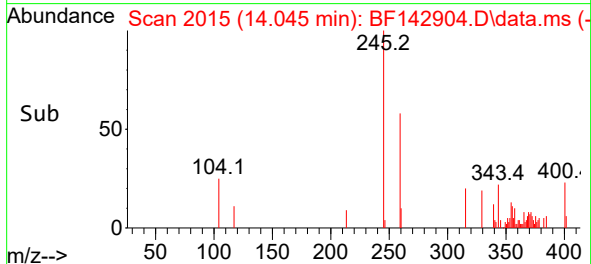
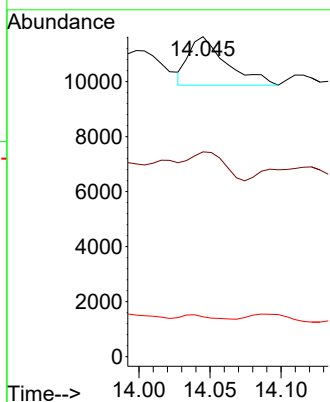
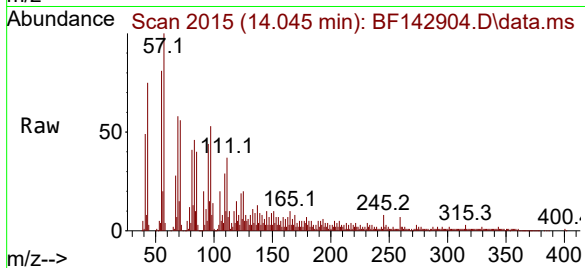
Tgt Ion:149 Resp: 3255

Ion Ratio Lower Upper

149 100

167 64.0 21.4 32.0#

279 12.5 3.0 4.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2274

Delta R.T. 0.024 min

Lab File: BF142904.D

Acq: 27 Jun 2025 20:37

Tgt Ion:264 Resp: 66707

Ion Ratio Lower Upper

264 100

260 23.7 18.1 27.1

265 21.3 16.6 25.0

