

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144089.D
 Acq On : 27 Oct 2025 18:03
 Operator : RC/JU
 Sample : Q3412-01DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6DL

Quant Time: Oct 27 18:28:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	48292	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	172683	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	99707	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	167487	20.000	ng	0.00
76) Chrysene-d12	14.057	240	142231	20.000	ng	0.00
86) Perylene-d12	15.545	264	188881	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	36921	12.096	ng	0.00
7) Phenol-d6	6.504	99	41760	12.388	ng	0.00
23) Nitrobenzene-d5	7.440	82	25435	8.070	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	12199	9.605	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	55730	7.865	ng	0.00
79) Terphenyl-d14	12.992	244	64046	7.872	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.516	94	120	0.029	ng	# 1
15) Benzyl Alcohol	6.875	79	1491	0.544	ng	# 27
19) n-Nitroso-di-n-propyla...	7.440	70	3542	1.625	ng	# 80
25) Isophorone	7.440	82	25435	4.616	ng	# 66
31) Naphthalene	8.181	128	5169	0.634	ng	# 97
33) 4-Chloroaniline	8.181	127	566	0.199	ng	# 20
37) 2-Methylnaphthalene	8.875	142	2585	0.481	ng	# 77
38) 1-Methylnaphthalene	8.975	142	2301	0.452	ng	# 81
46) 1,1'-Biphenyl	9.339	154	1188	0.166	ng	# 92
49) Acenaphthylene	9.781	152	1867	0.232	ng	# 90
51) 2,6-Dinitrotoluene	9.916	165	14534	11.249	ng	# 22
52) Acenaphthene	9.951	154	18865	3.504	ng	# 97
53) 3-Nitroaniline	10.122	138	58	0.040	ng	# 1
55) Dibenzofuran	10.128	168	17283	2.312	ng	# 95
56) 4-Nitrophenol	10.122	139	6750	6.939	ng	# 1
57) 2,4-Dinitrotoluene	9.916	165	14534	8.335	ng	# 25
58) Fluorene	10.469	166	29774	5.227	ng	# 100
60) Diethylphthalate	10.334	149	221	0.036	ng	# 59
62) 4-Nitroaniline	10.469	138	146	0.107	ng	# 18
63) Azobenzene	10.633	77	3842	0.660	ng	# 1
66) n-Nitrosodiphenylamine	10.610	169	191	0.036	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	889	0.424	ng	# 1
71) Phenanthrene	11.433	178	244923	29.438	ng	# 98
72) Anthracene	11.486	178	93364	10.863	ng	# 99
73) Carbazole	11.645	167	7945	1.086	ng	# 93
74) Di-n-butylphthalate	11.963	149	212	0.024	ng	# 79
75) Fluoranthene	12.627	202	398344	43.336	ng	# 100
77) Benzidine	12.757	184	193	0.044	ng	# 68
78) Pyrene	12.857	202	304086	29.738	ng	# 99
80) Butylbenzylphthalate	13.398	149	192	0.050	ng	# 24
81) Benzo(a)anthracene	14.045	228	204132	21.237	ng	# 97
82) 3,3'-Dichlorobenzidine	14.004	252	54	0.016	ng	# 26
83) Chrysene	14.080	228	160971	17.846	ng	# 97
84) Bis(2-ethylhexyl)phtha...	14.045	149	1253	0.237	ng	# 52
85) Di-n-octyl phthalate	14.645	149	712	0.078	ng	# 68
87) Indeno(1,2,3-cd)pyrene	17.039	276	70606	5.445	ng	# 99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

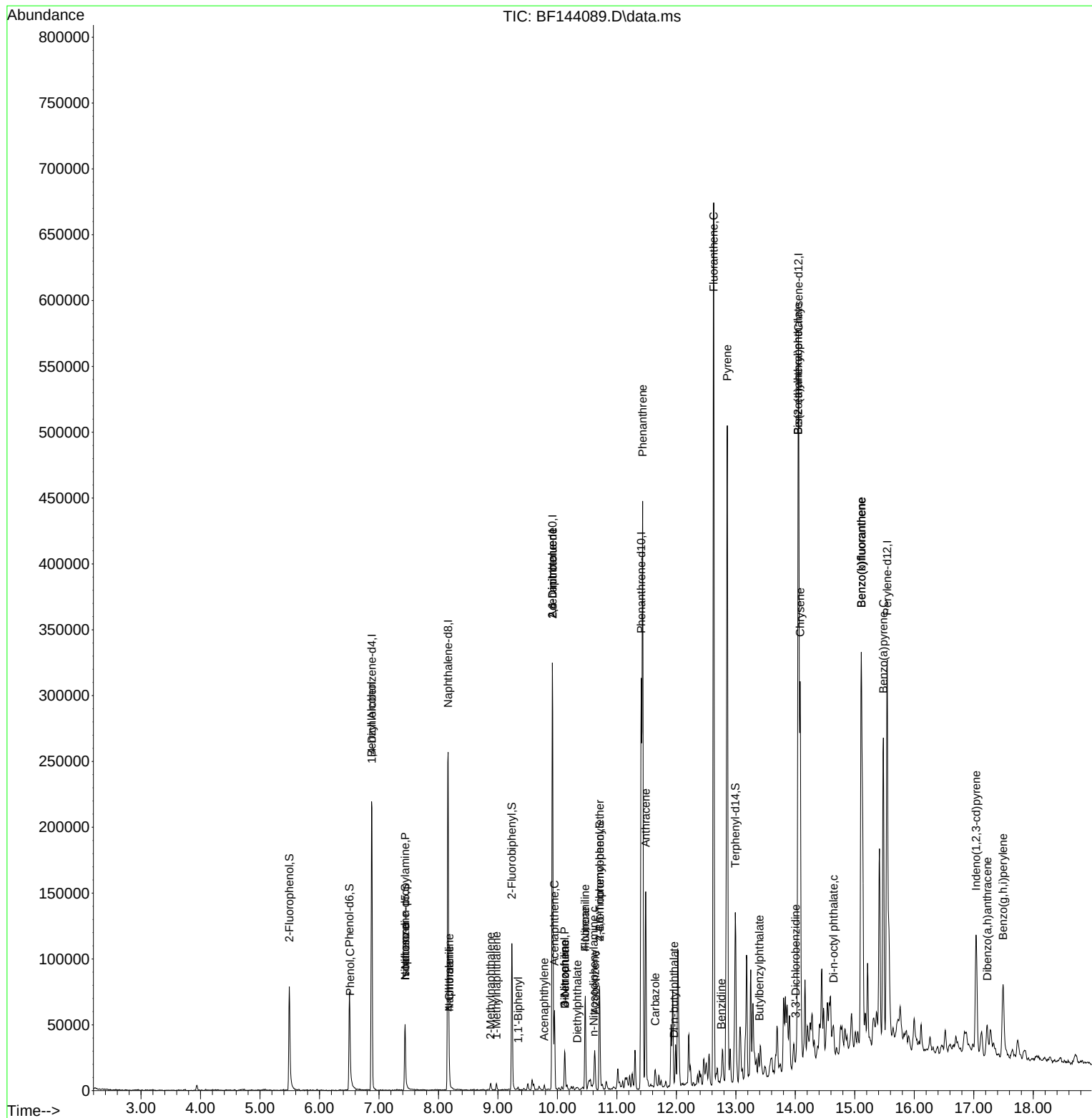
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	15.110	252	298513	27.956	ng	99
89) Benzo(k)fluoranthene	15.110	252	298513	30.300	ng #	99
90) Benzo(a)pyrene	15.480	252	153686	16.043	ng	97
91) Dibenzo(a,h)anthracene	17.227	278	17470	1.702	ng	97
92) Benzo(g,h,i)perylene	17.492	276	53170	5.152	ng #	93

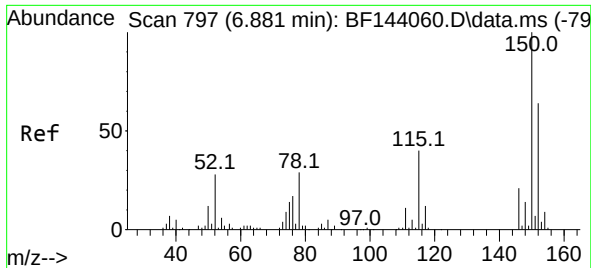
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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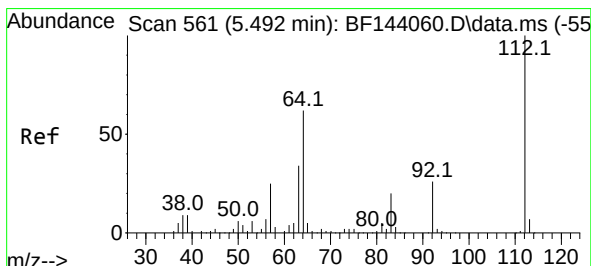
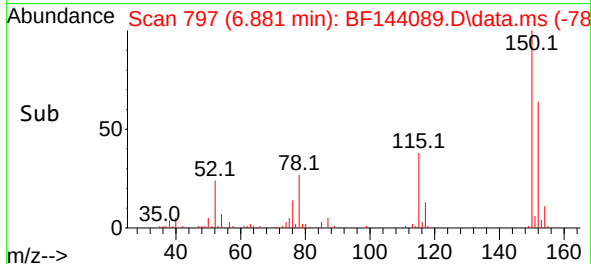
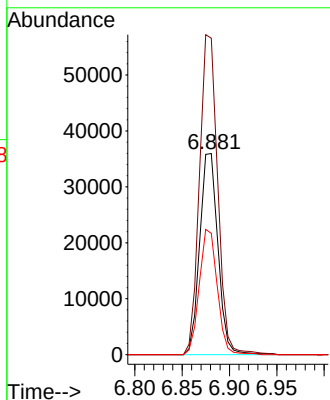
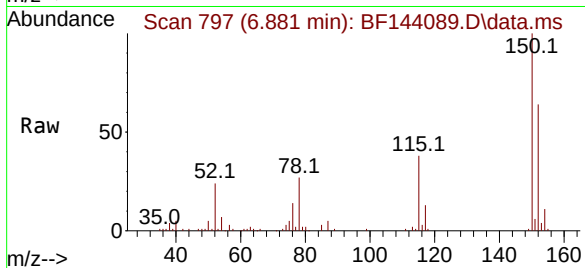




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

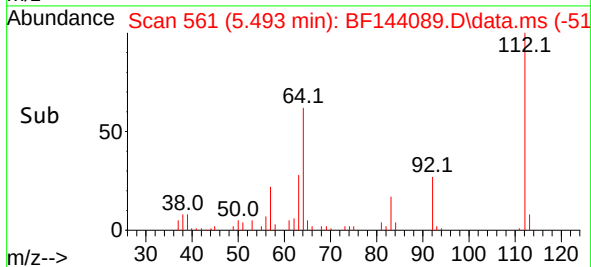
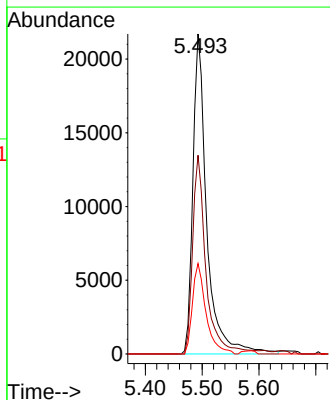
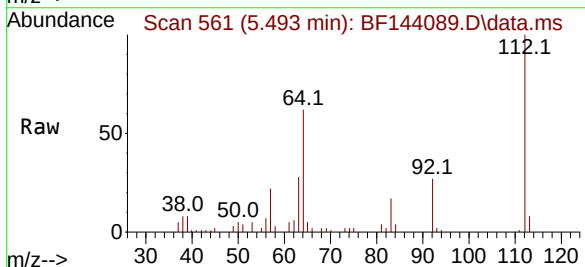
Instrument :
BNA_F
ClientSampleId :
TP-6DL

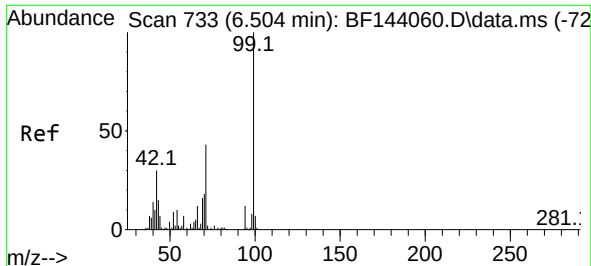
Tgt Ion:152 Resp: 48292
Ion Ratio Lower Upper
152 100
150 157.4 124.4 186.6
115 60.3 49.4 74.0



#5
2-Fluorophenol
Concen: 12.096 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

Tgt Ion:112 Resp: 36921
Ion Ratio Lower Upper
112 100
64 62.1 49.8 74.8
63 28.2 27.4 41.2

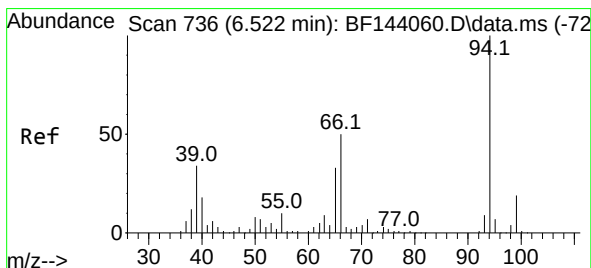
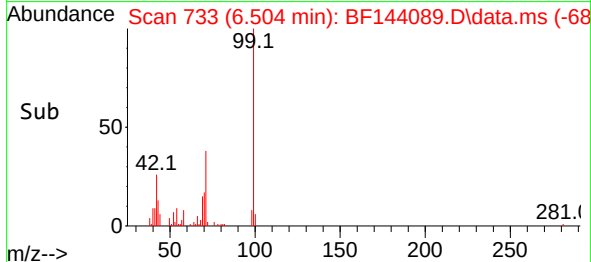
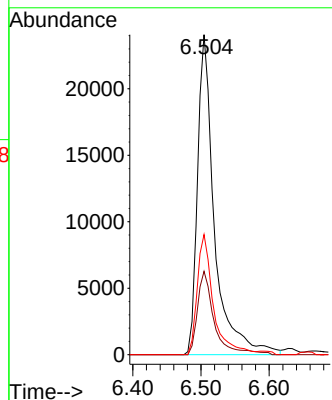
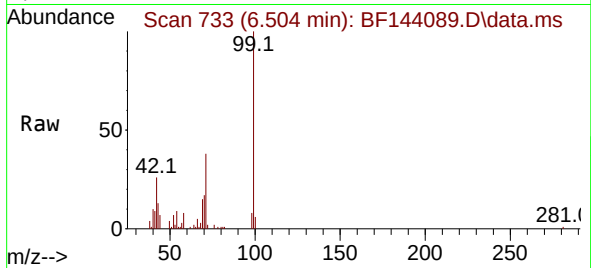




#7
Phenol-d6
Concen: 12.388 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

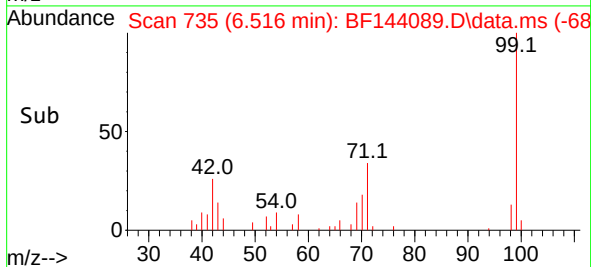
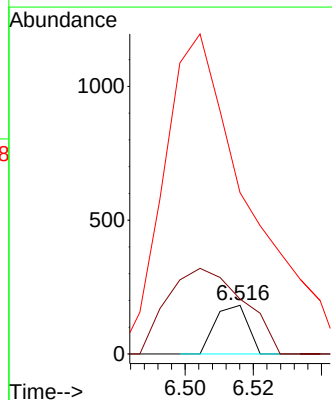
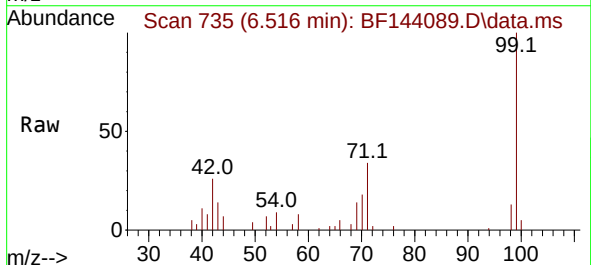
Instrument :
BNA_F
ClientSampleId :
TP-6DL

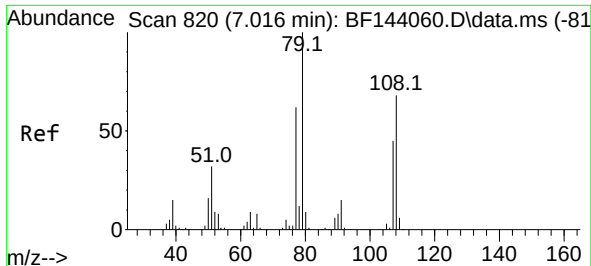
Tgt Ion: 99 Resp: 41760
Ion Ratio Lower Upper
99 100
42 26.1 23.9 35.9
71 37.5 34.4 51.6



#10
Phenol
Concen: 0.029 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

Tgt Ion: 94 Resp: 120
Ion Ratio Lower Upper
94 100
65 112.6 13.1 53.1#
66 331.3 30.6 70.6#

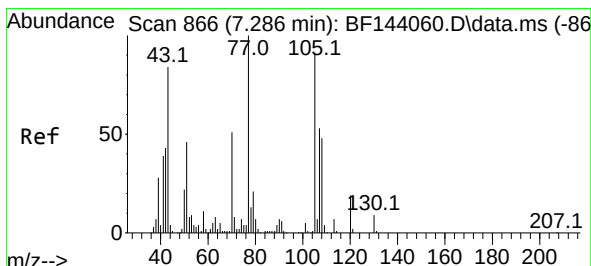
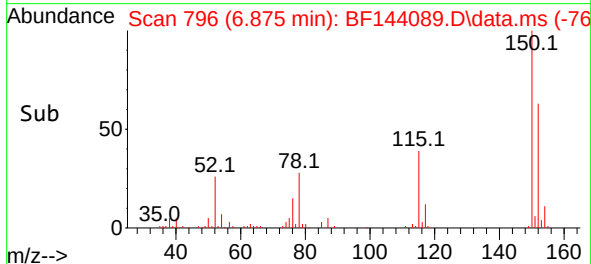
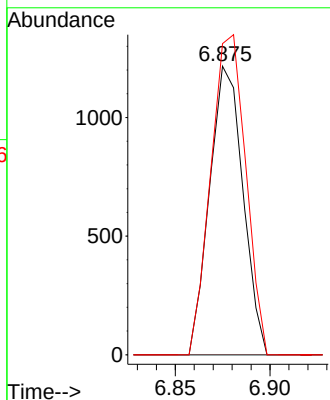
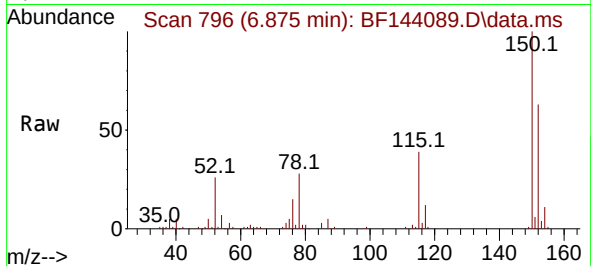




#15
Benzyl Alcohol
Concen: 0.544 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.141 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

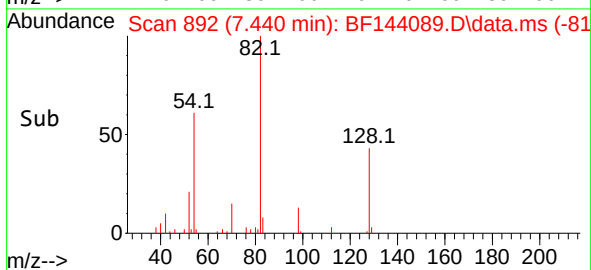
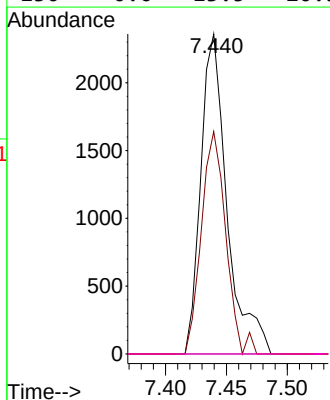
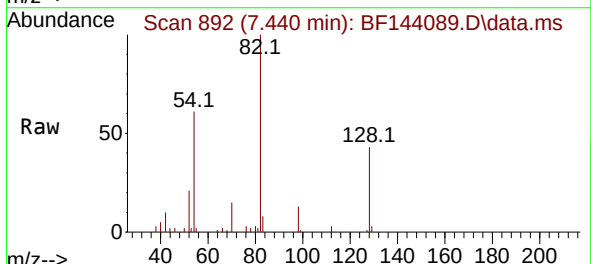
Instrument :
BNA_F
ClientSampleId :
TP-6DL

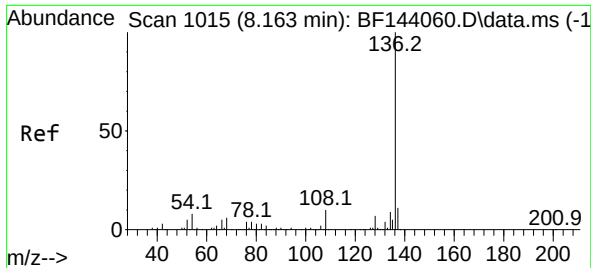
Tgt Ion: 79 Resp: 1491
Ion Ratio Lower Upper
79 100
108 0.0 54.8 82.2#
77 107.8 49.4 74.0#



#19
n-Nitroso-di-n-propylamine
Concen: 1.625 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.153 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

Tgt Ion: 70 Resp: 3542
Ion Ratio Lower Upper
70 100
42 69.5 67.4 101.0
101 0.0 7.1 10.7#
130 0.0 13.5 20.3#



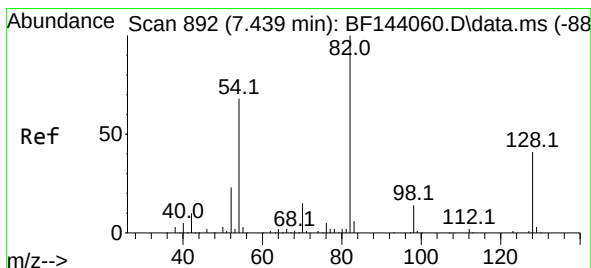
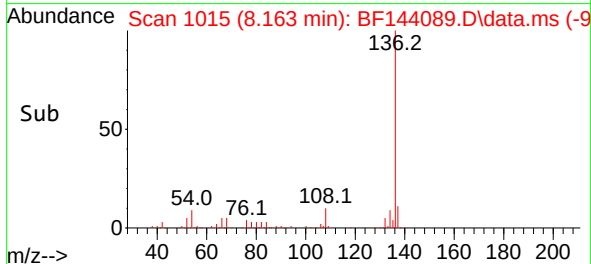
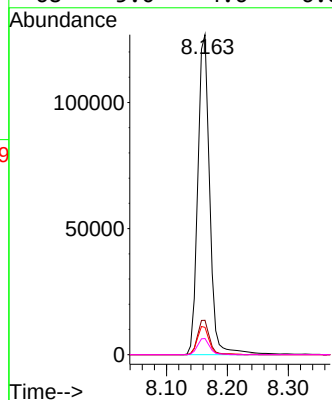
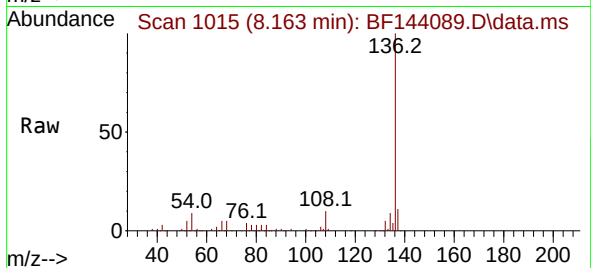


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

Instrument :
BNA_F
ClientSampleId :
TP-6DL

Tgt Ion:136 Resp: 172683

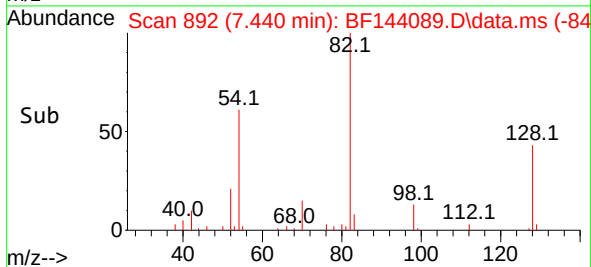
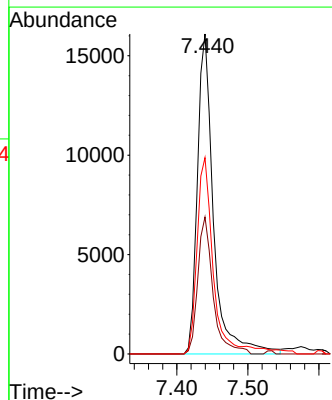
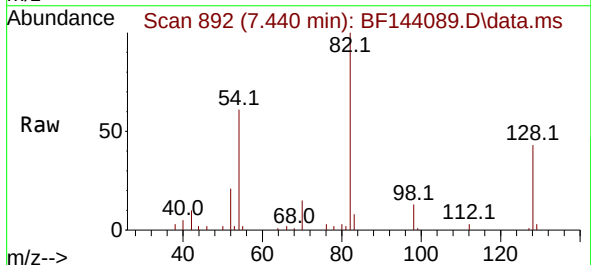
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.6	6.6	9.8
68	5.0	4.6	6.8

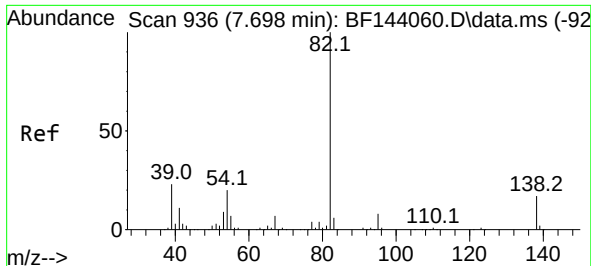


#23
Nitrobenzene-d5
Concen: 8.070 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

Tgt Ion: 82 Resp: 25435

Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.4	48.6
54	61.4	54.0	81.0

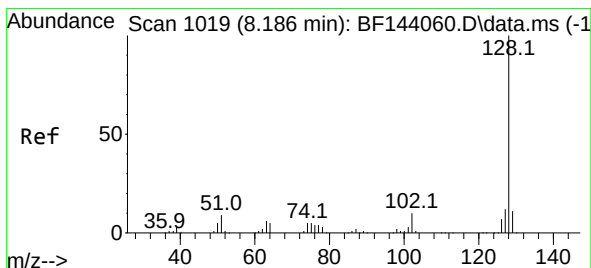
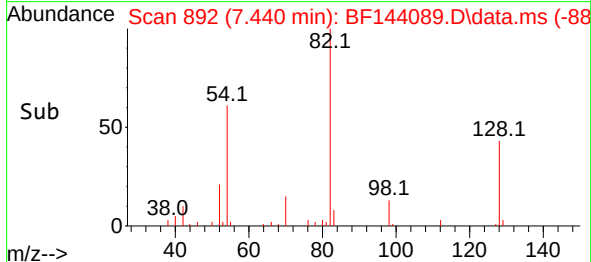
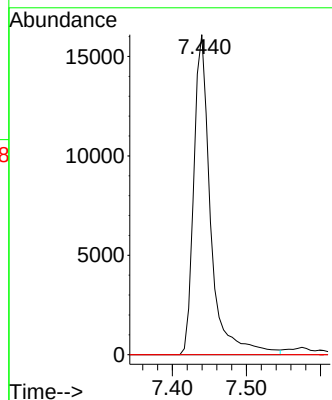
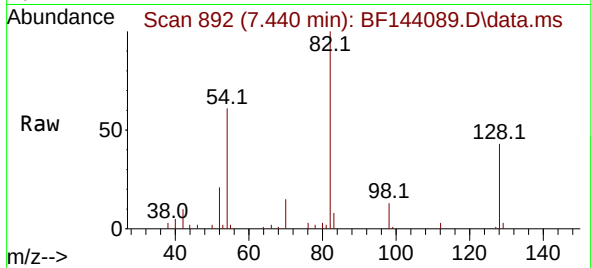




#25
Isophorone
Concen: 4.616 ng
RT: 7.440 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

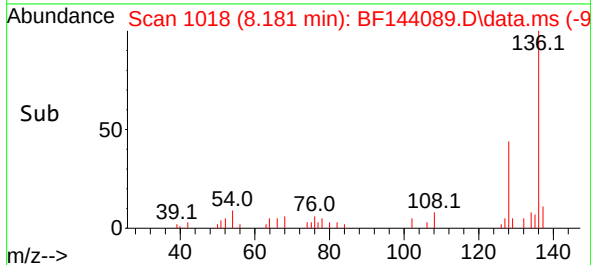
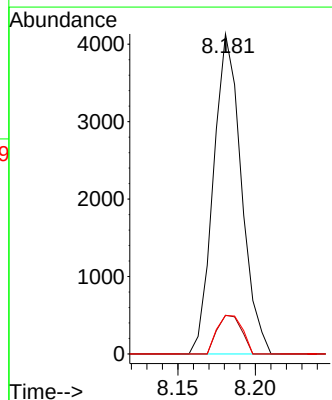
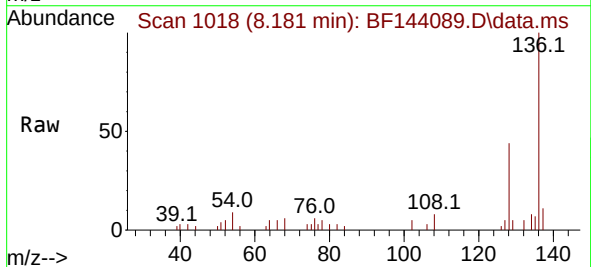
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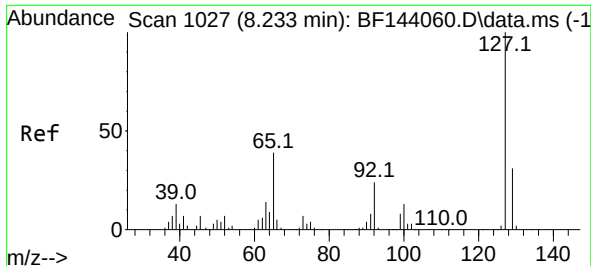
Tgt Ion: 82 Resp: 25435
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 13.8 20.8#



#31
Naphthalene
Concen: 0.634 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

Tgt Ion: 128 Resp: 5169
Ion Ratio Lower Upper
128 100
129 12.1 8.4 12.6
127 12.0 9.9 14.9

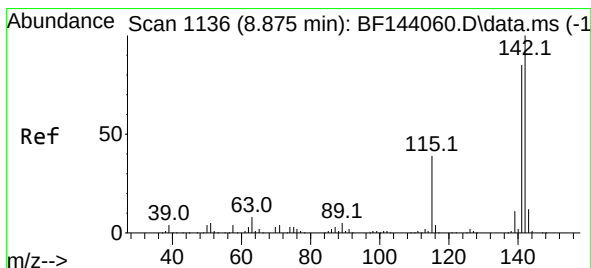
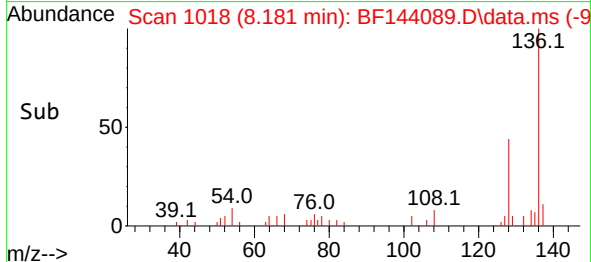
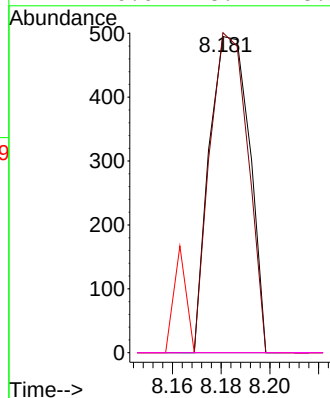
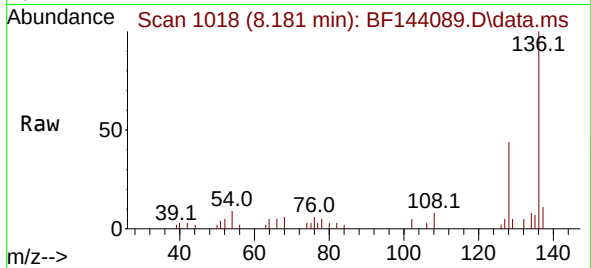




#33
4-Chloroaniline
Concen: 0.199 ng
RT: 8.181 min Scan# 1027
Delta R.T. -0.053 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

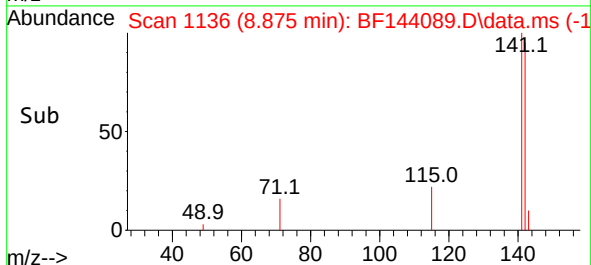
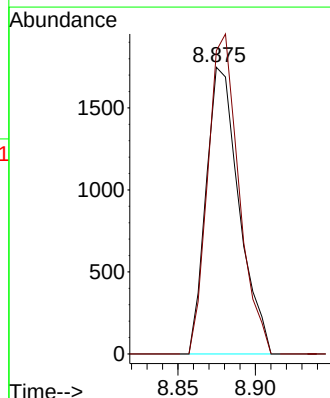
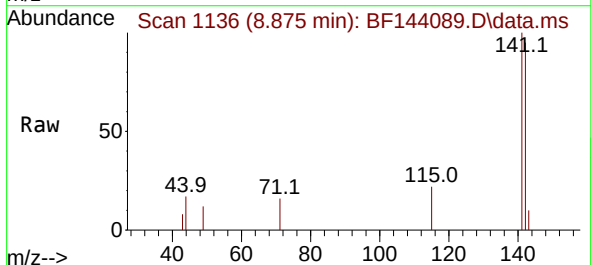
Instrument :
BNA_F
ClientSampleId :
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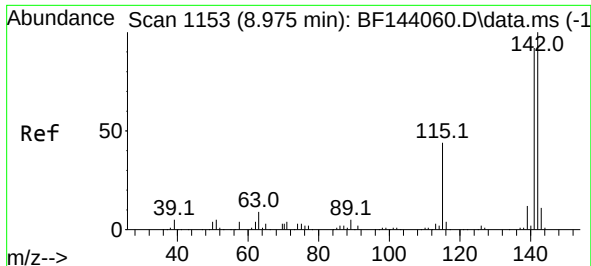
Tgt Ion:127	Resp:	566
Ion Ratio	Lower	Upper
127	100	
129	101.2	25.6 38.4#
65	0.0	30.9 46.3#
92	0.0	18.9 28.3#



#37
2-Methylnaphthalene
Concen: 0.481 ng
RT: 8.875 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

Tgt Ion:142	Resp:	2585
Ion Ratio	Lower	Upper
142	100	
141	105.8	67.6 101.4#

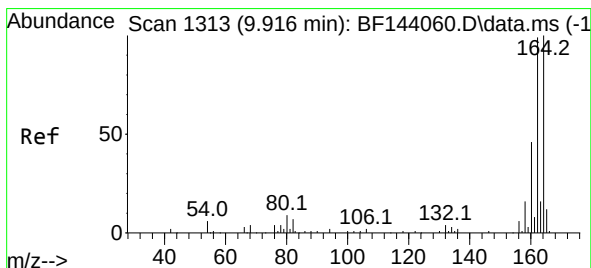
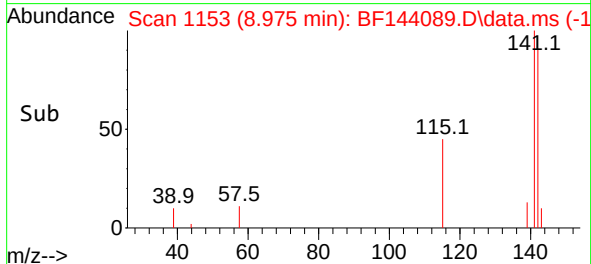
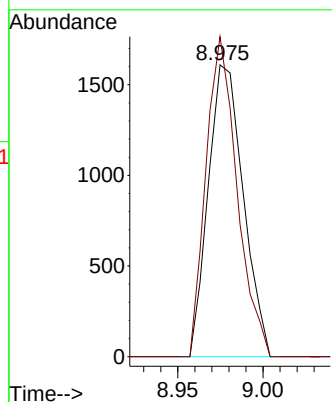
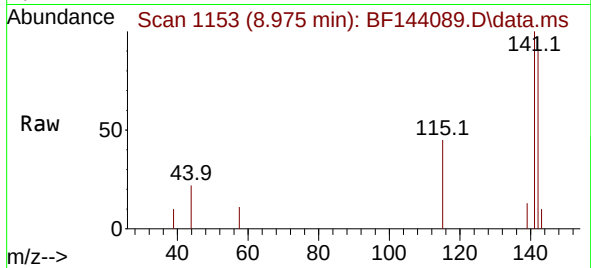




#38
 1-Methylnaphthalene
 Concen: 0.452 ng
 RT: 8.975 min Scan# 1153
 Delta R.T. 0.000 min
 Lab File: BF144089.D
 Acq: 27 Oct 2025 18:03

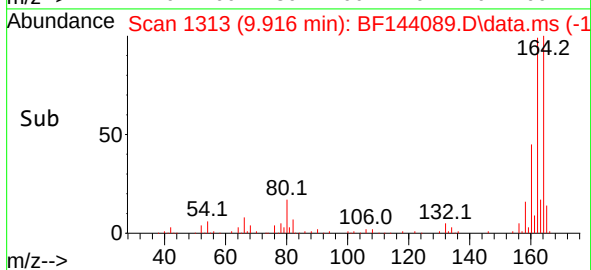
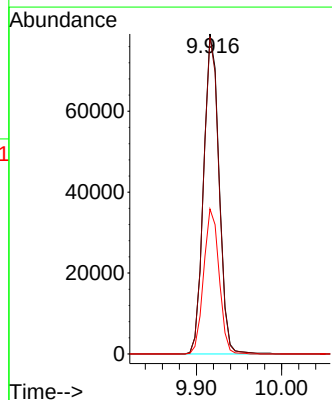
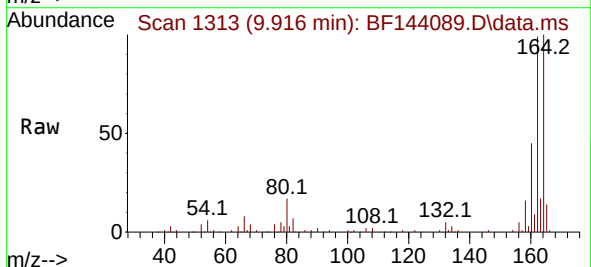
Instrument :
 BNA_F
 ClientSampleId :
 TP-6DL

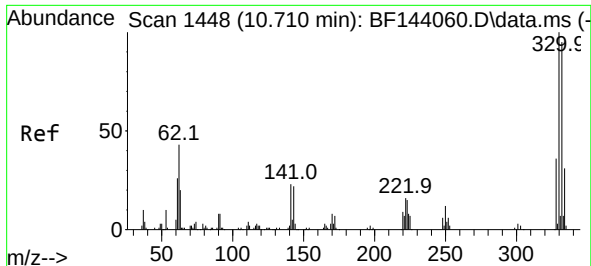
Tgt Ion:142 Resp: 2301
 Ion Ratio Lower Upper
 142 100
 141 109.6 73.4 110.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1313
 Delta R.T. 0.000 min
 Lab File: BF144089.D
 Acq: 27 Oct 2025 18:03

Tgt Ion:164 Resp: 99707
 Ion Ratio Lower Upper
 164 100
 162 99.1 79.4 119.2
 160 45.3 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 9.605 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144089.D

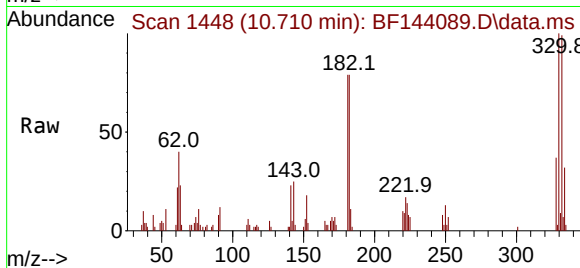
Acq: 27 Oct 2025 18:03

Instrument :

BNA_F

ClientSampleId :

TP-6DL



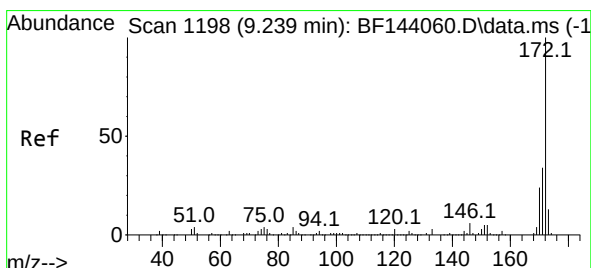
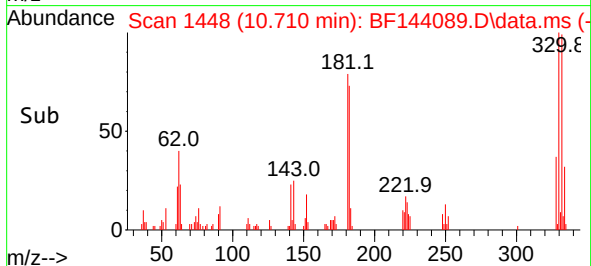
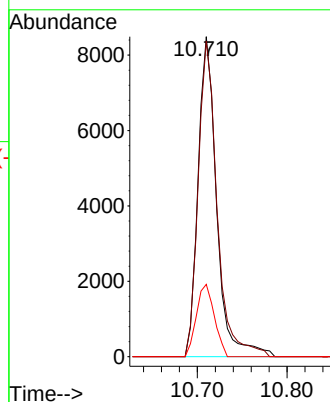
Tgt Ion:330 Resp: 12199

Ion Ratio Lower Upper

330 100

332 100.4 77.0 115.6

141 21.8 19.4 29.0



#45

2-Fluorobiphenyl

Concen: 7.865 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144089.D

Acq: 27 Oct 2025 18:03

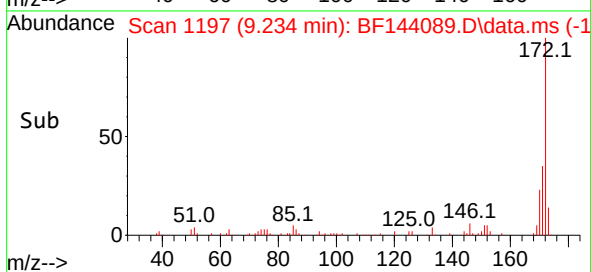
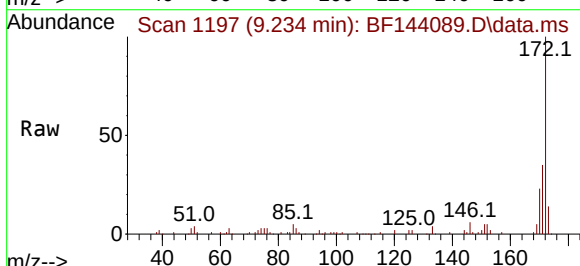
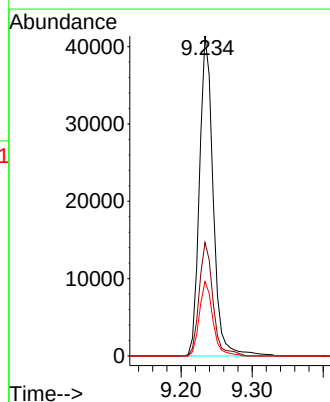
Tgt Ion:172 Resp: 55730

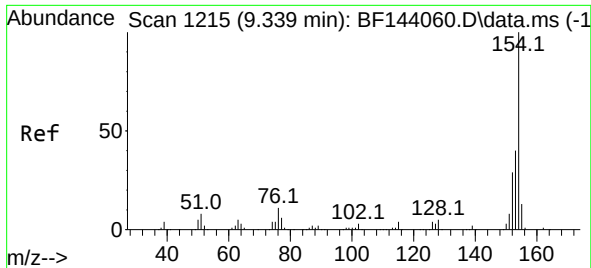
Ion Ratio Lower Upper

172 100

171 35.4 27.5 41.3

170 23.2 19.0 28.6

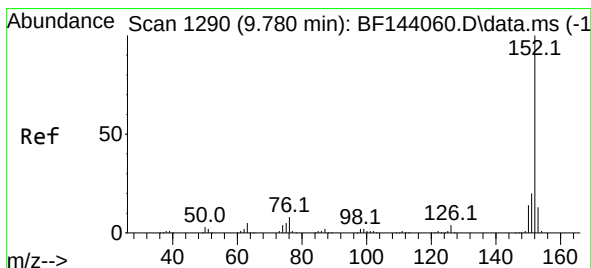
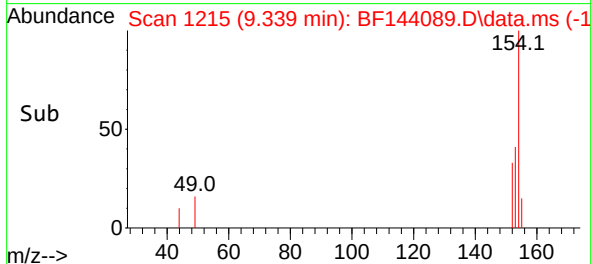
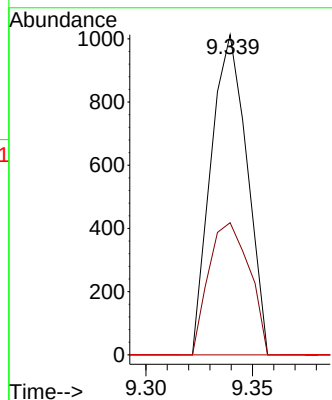
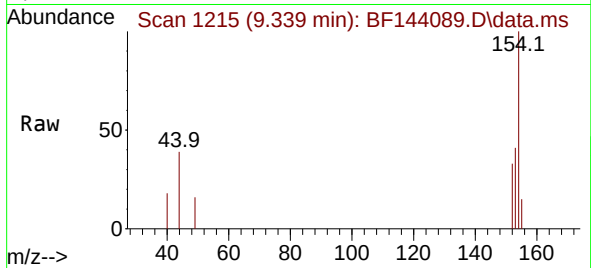




#46
1,1'-Biphenyl
Concen: 0.166 ng
RT: 9.339 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

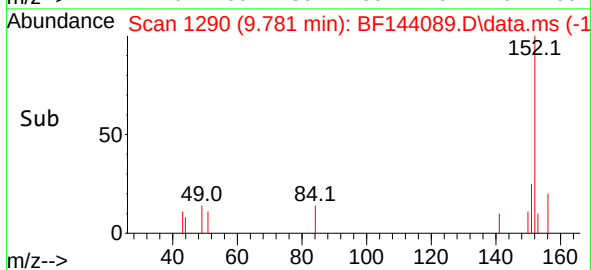
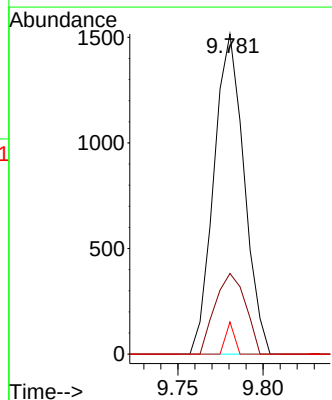
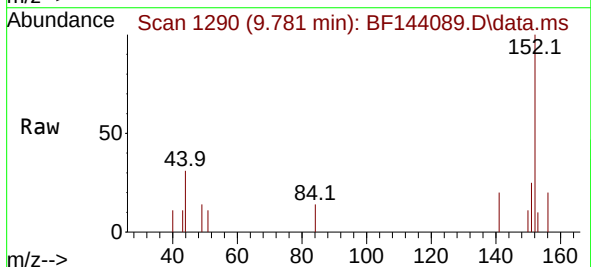
Instrument :
BNA_F
ClientSampleId :
TP-6DL

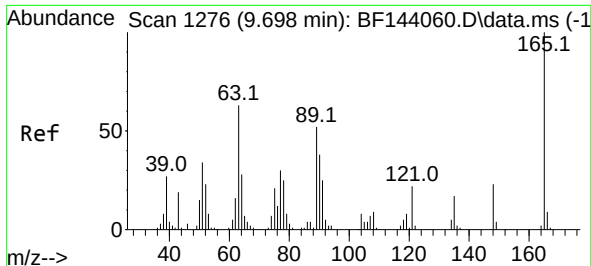
Tgt Ion:154	Resp:	1188
Ion	Ratio	Lower Upper
154	100	
153	41.3	19.7 59.7
76	0.0	0.0 31.1



#49
Acenaphthylene
Concen: 0.232 ng
RT: 9.781 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

Tgt Ion:152	Resp:	1867
Ion	Ratio	Lower Upper
152	100	
151	25.2	15.9 23.9#
153	10.0	10.4 15.6#

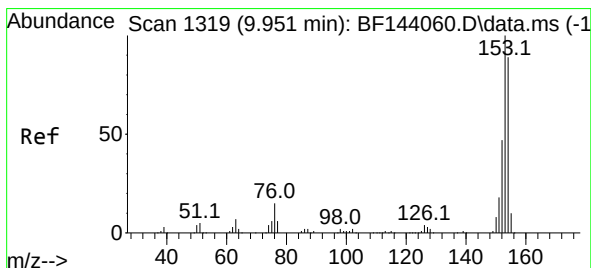
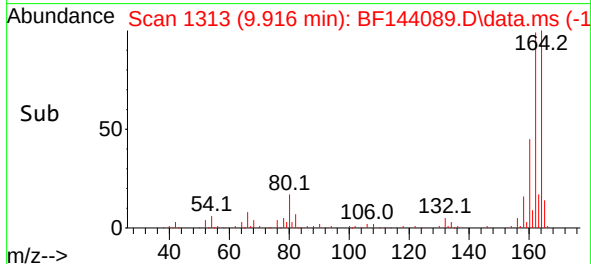
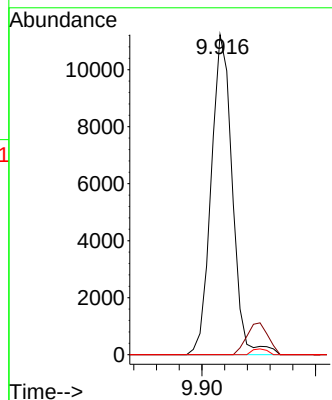
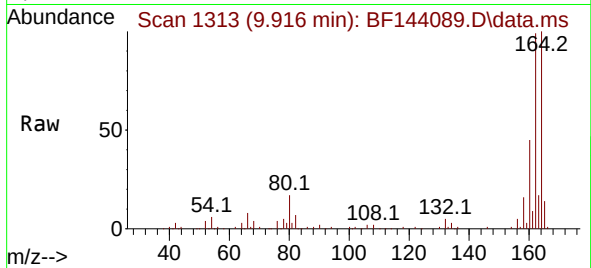




#51
2,6-Dinitrotoluene
Concen: 11.249 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

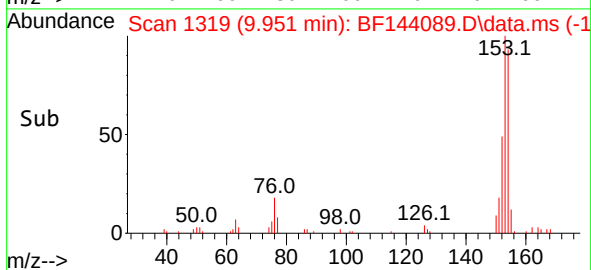
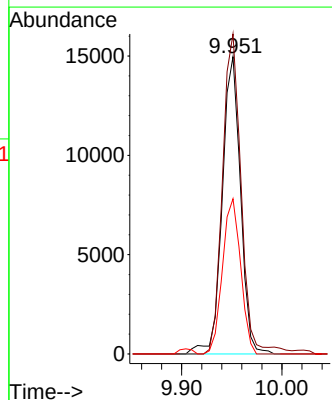
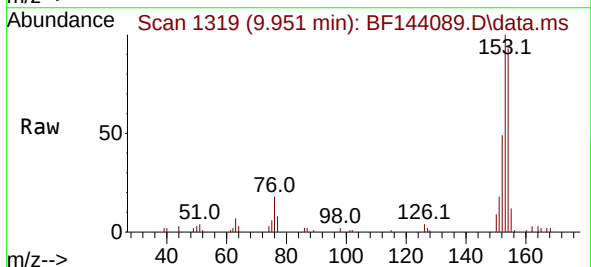
Instrument :
BNA_F
ClientSampleId :
TP-6DL

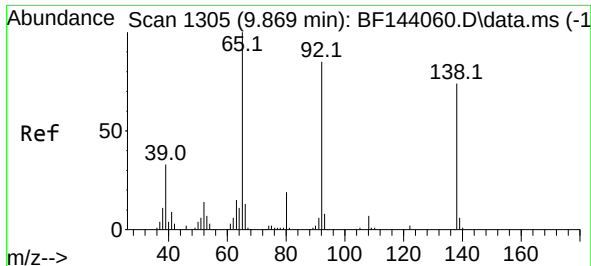
Tgt Ion:165 Resp: 14534
Ion Ratio Lower Upper
165 100
63 0.0 50.4 75.6#
89 0.0 41.4 62.2#



#52
Acenaphthene
Concen: 3.504 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

Tgt Ion:154 Resp: 18865
Ion Ratio Lower Upper
154 100
153 107.7 89.9 134.9
152 52.2 42.0 63.0

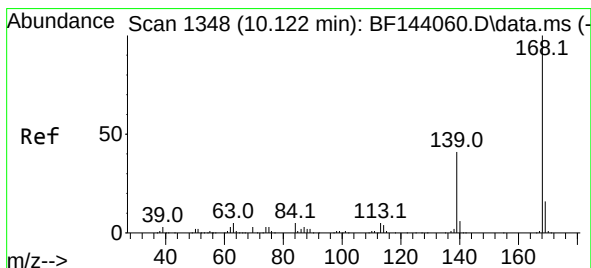
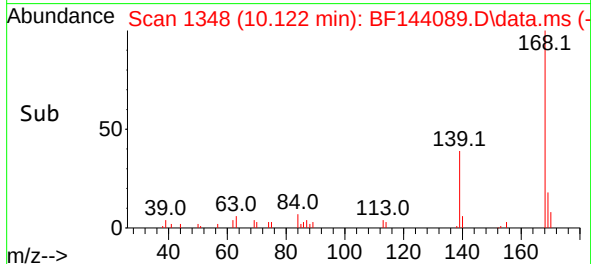
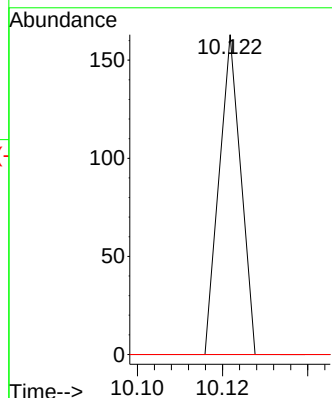
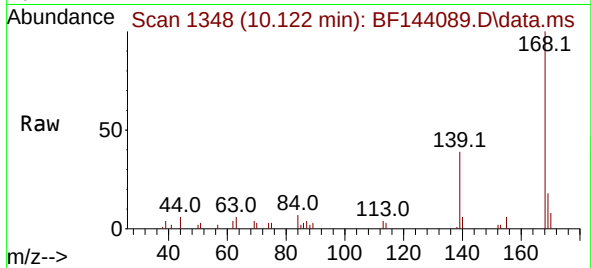




#53
3-Nitroaniline
Concen: 0.040 ng
RT: 10.122 min Scan# 1348
Delta R.T. 0.253 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

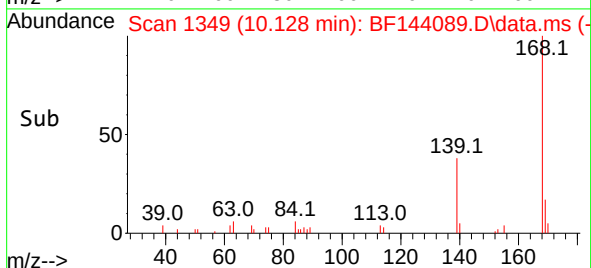
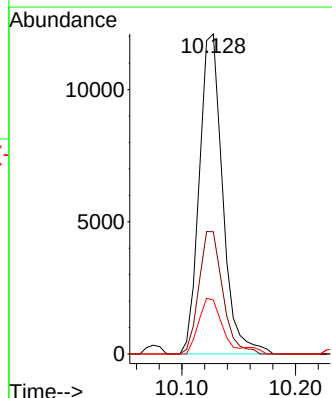
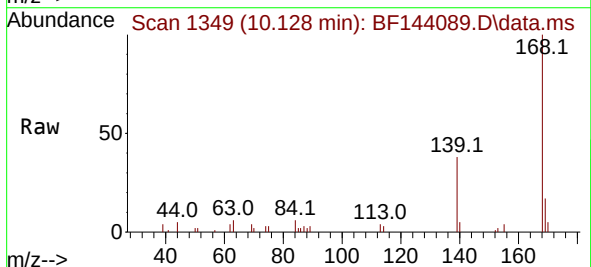
Instrument :
BNA_F
ClientSampleId :
TP-6DL

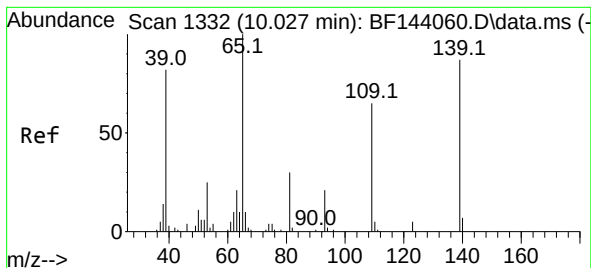
Tgt Ion:138 Resp: 58
Ion Ratio Lower Upper
138 100
108 0.0 7.9 11.9#
92 0.0 92.0 138.0#



#55
Dibenzofuran
Concen: 2.312 ng
RT: 10.128 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

Tgt Ion:168 Resp: 17283
Ion Ratio Lower Upper
168 100
139 38.2 33.2 49.8
169 16.9 12.6 19.0

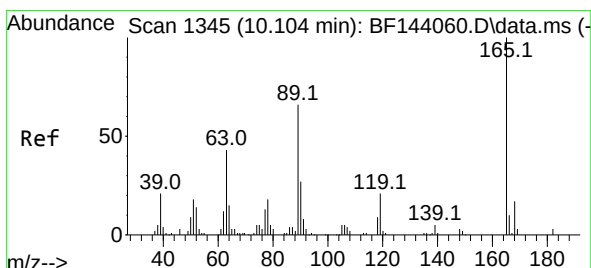
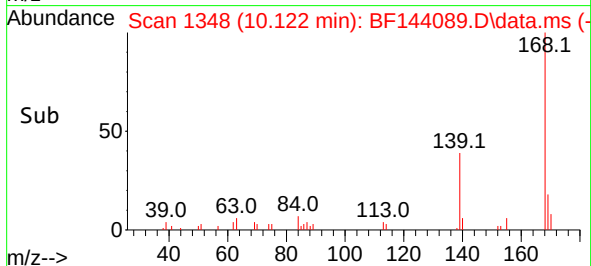
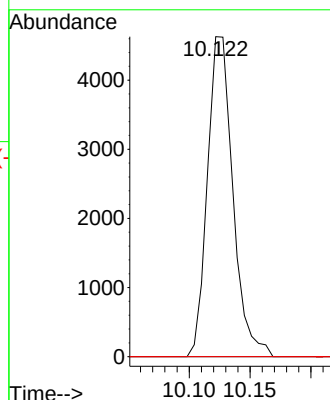
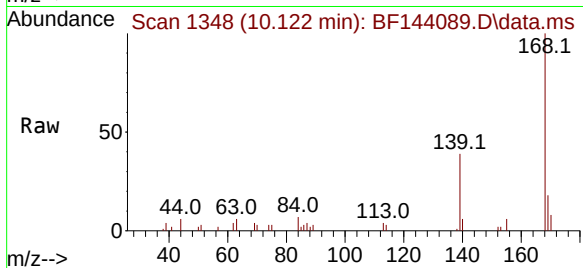




#56
4-Nitrophenol
Concen: 6.939 ng
RT: 10.122 min Scan# 1348
Delta R.T. 0.094 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

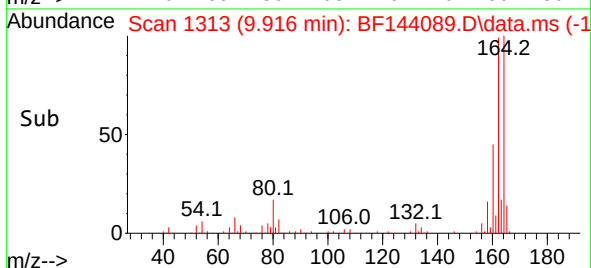
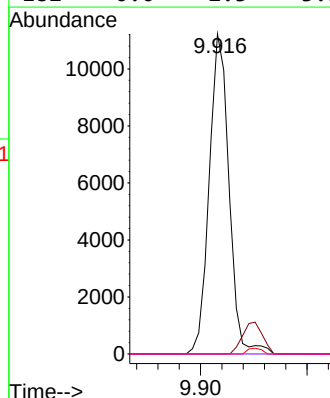
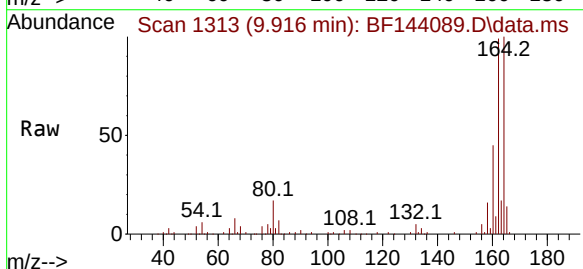
Instrument :
BNA_F
ClientSampleId :
TP-6DL

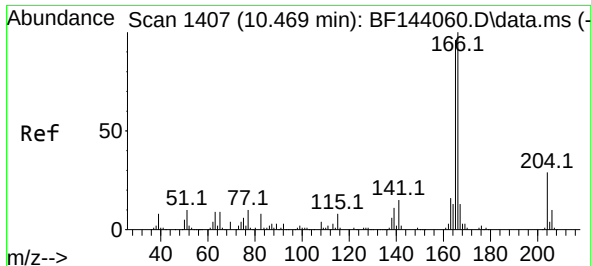
Tgt Ion:139 Resp: 6750
Ion Ratio Lower Upper
139 100
109 0.0 53.8 93.8#
65 0.0 95.9 135.9#



#57
2,4-Dinitrotoluene
Concen: 8.335 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.188 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

Tgt Ion:165 Resp: 14534
Ion Ratio Lower Upper
165 100
63 0.0 35.4 53.2#
89 0.0 52.7 79.1#
182 0.0 2.3 3.5#

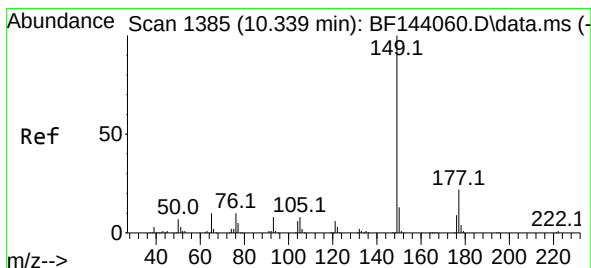
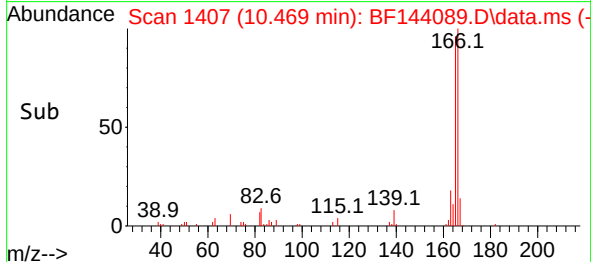
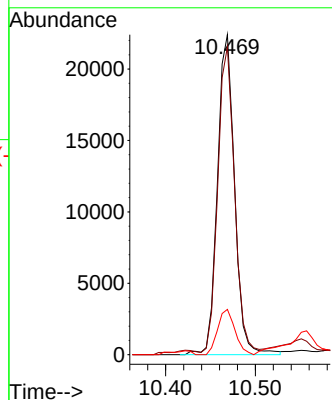
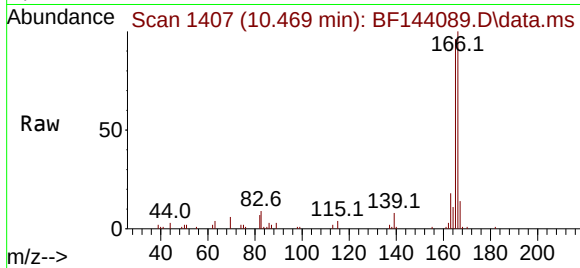




#58
 Fluorene
 Concen: 5.227 ng
 RT: 10.469 min Scan# 1407
 Delta R.T. 0.000 min
 Lab File: BF144089.D
 Acq: 27 Oct 2025 18:03

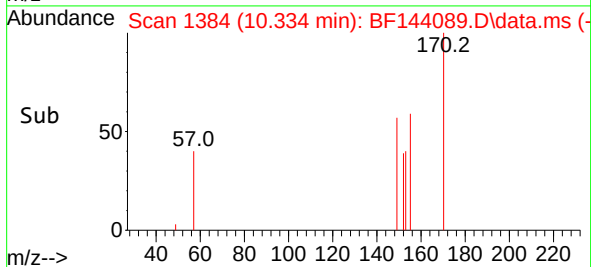
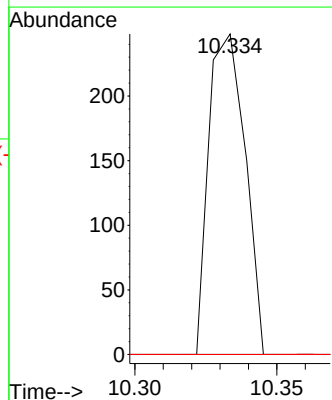
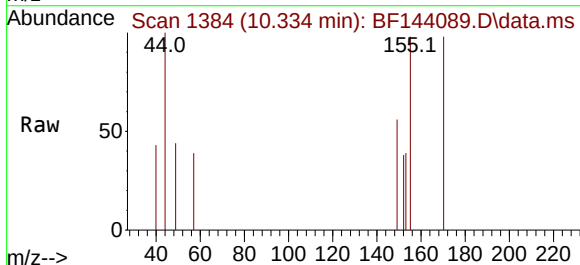
Instrument :
 BNA_F
 ClientSampleId :
 TP-6DL

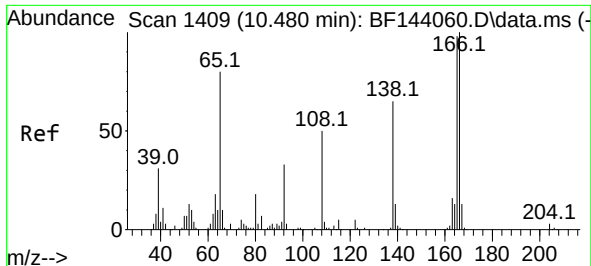
Tgt Ion:166 Resp: 29774
 Ion Ratio Lower Upper
 166 100
 165 96.2 77.0 115.4
 167 14.1 10.2 15.4



#60
 Diethylphthalate
 Concen: 0.036 ng
 RT: 10.334 min Scan# 1384
 Delta R.T. -0.006 min
 Lab File: BF144089.D
 Acq: 27 Oct 2025 18:03

Tgt Ion:149 Resp: 221
 Ion Ratio Lower Upper
 149 100
 177 0.0 17.8 26.6#
 150 0.0 10.1 15.1#

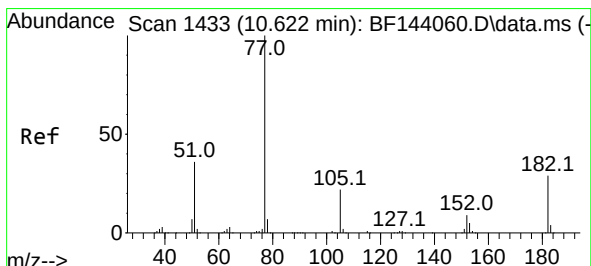
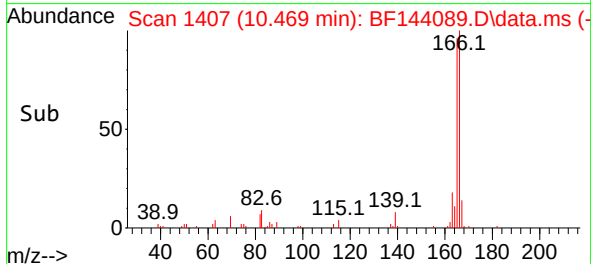
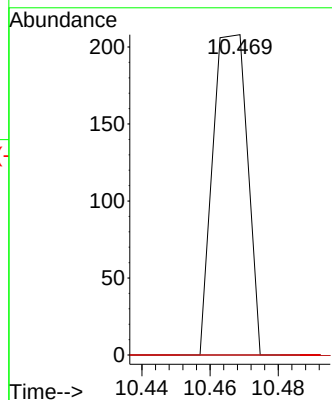
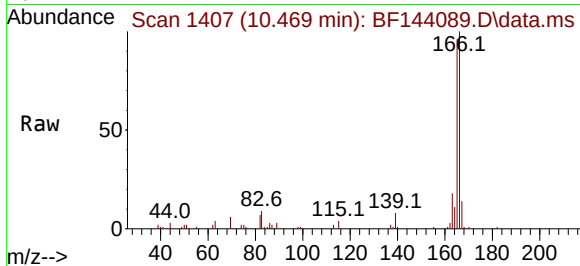




#62
4-Nitroaniline
Concen: 0.107 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

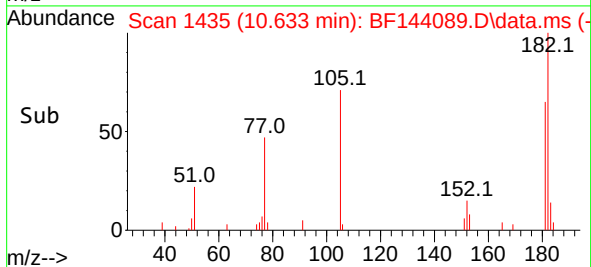
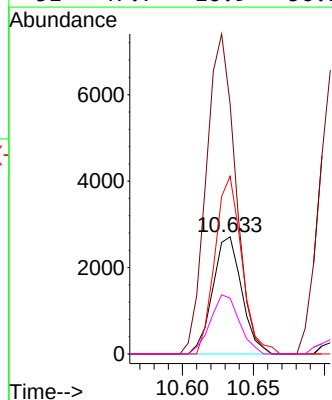
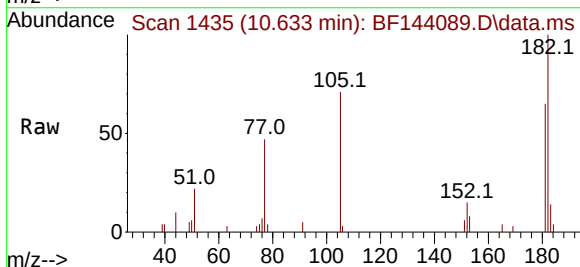
Instrument :
BNA_F
ClientSampleId :
TP-6DL

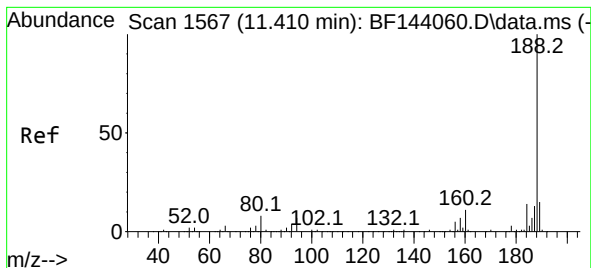
Tgt Ion:138 Resp: 146
Ion Ratio Lower Upper
138 100
92 0.0 30.5 70.5#
108 0.0 56.2 96.2#



#63
Azobenzene
Concen: 0.660 ng
RT: 10.633 min Scan# 1435
Delta R.T. 0.012 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

Tgt Ion: 77 Resp: 3842
Ion Ratio Lower Upper
77 100
182 213.2 9.0 49.0#
105 151.7 1.4 41.4#
51 47.7 16.9 56.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF144089.D

Acq: 27 Oct 2025 18:03

Instrument :

BNA_F

ClientSampleId :

TP-6DL

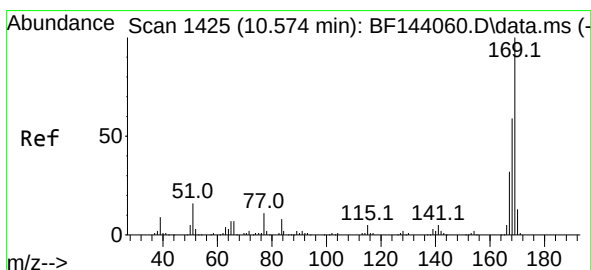
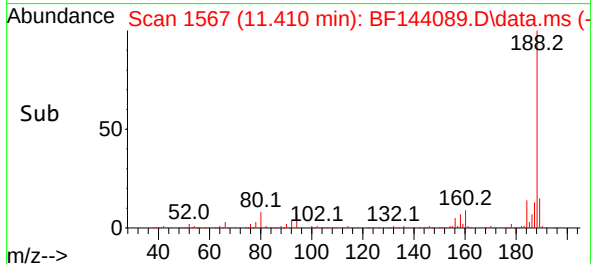
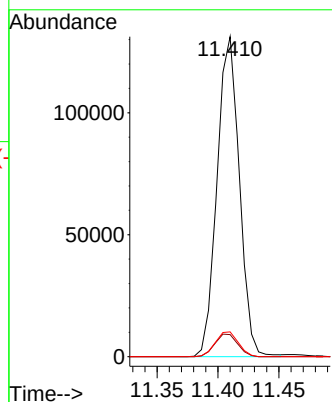
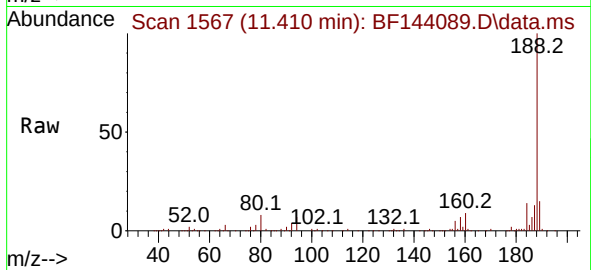
Tgt Ion:188 Resp: 167487

Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.0

80 7.7 6.0 9.0



#66

n-Nitrosodiphenylamine

Concen: 0.036 ng

RT: 10.610 min Scan# 1431

Delta R.T. 0.035 min

Lab File: BF144089.D

Acq: 27 Oct 2025 18:03

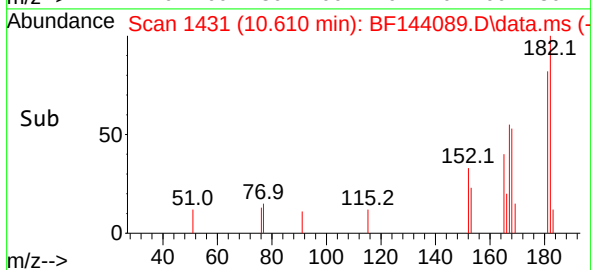
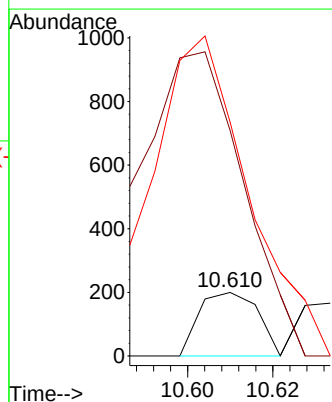
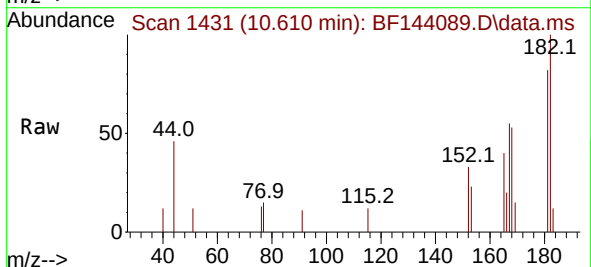
Tgt Ion:169 Resp: 191

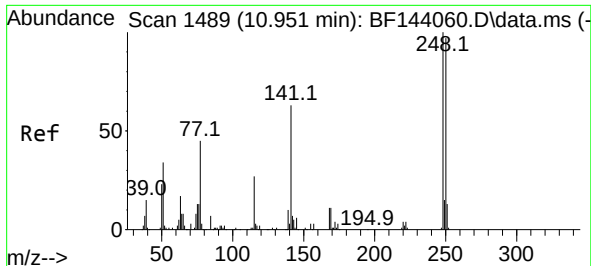
Ion Ratio Lower Upper

169 100

168 354.5 47.4 71.2#

167 367.5 25.5 38.3#

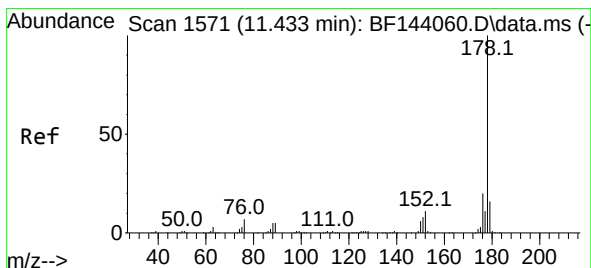
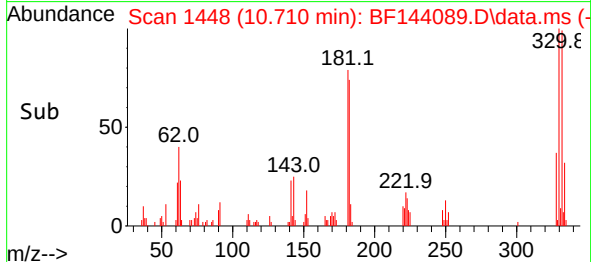
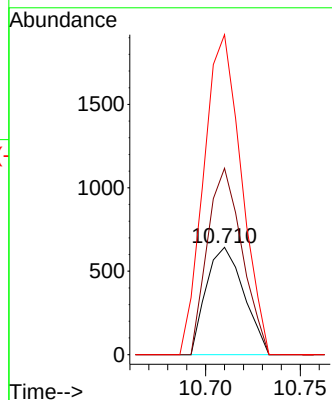
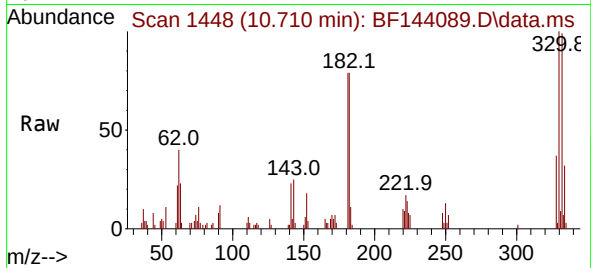




#67
4-Bromophenyl-phenylether
Concen: 0.424 ng
RT: 10.710 min Scan# 1489
Delta R.T. -0.241 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

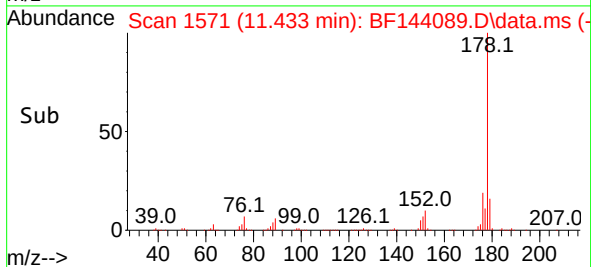
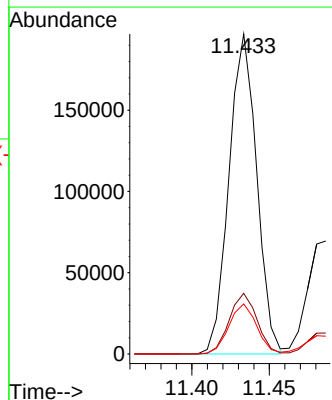
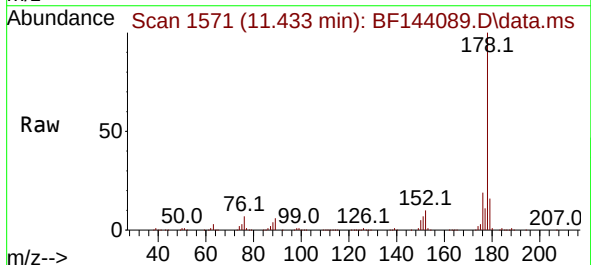
Instrument :
BNA_F
ClientSampleId :
TP-6DL

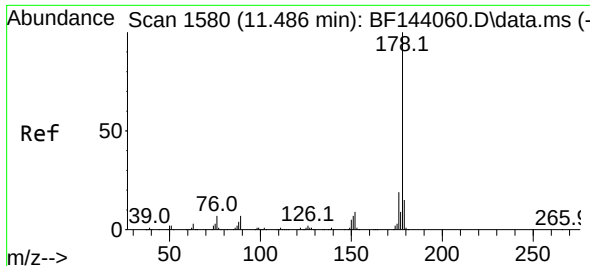
Tgt Ion:248 Resp: 889
Ion Ratio Lower Upper
248 100
250 173.7 77.8 116.6#
141 298.3 50.5 75.7#



#71
Phenanthrene
Concen: 29.438 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

Tgt Ion:178 Resp: 244923
Ion Ratio Lower Upper
178 100
176 19.0 16.3 24.5
179 15.6 12.6 18.8

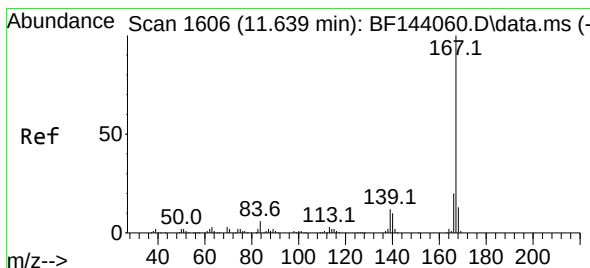
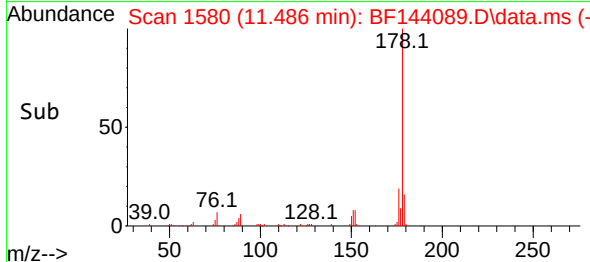
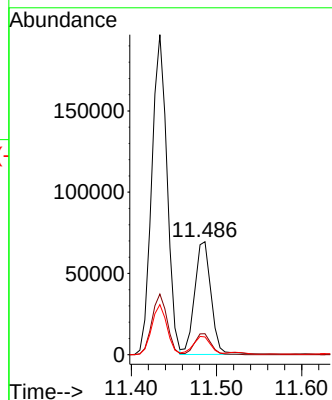
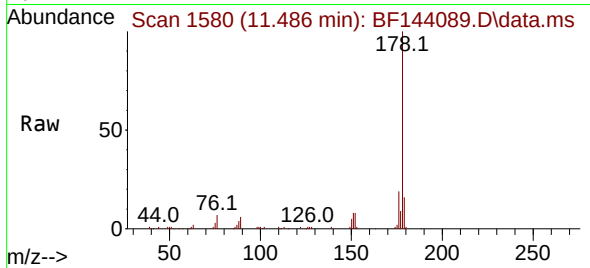




#72
 Anthracene
 Concen: 10.863 ng
 RT: 11.486 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF144089.D
 Acq: 27 Oct 2025 18:03

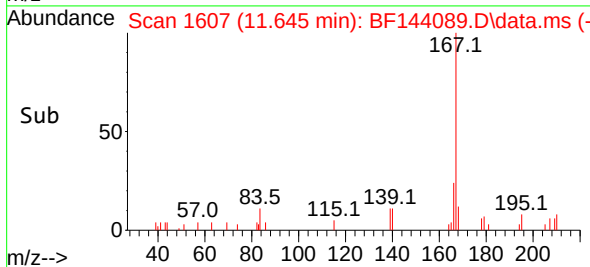
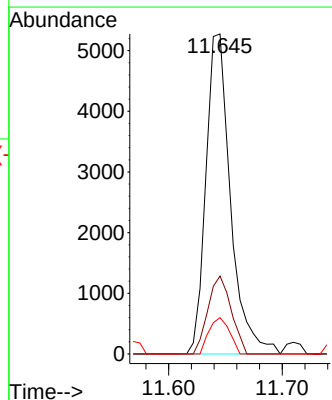
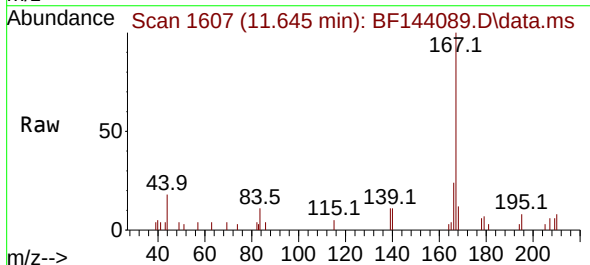
Instrument :
 BNA_F
 ClientSampleId :
 TP-6DL

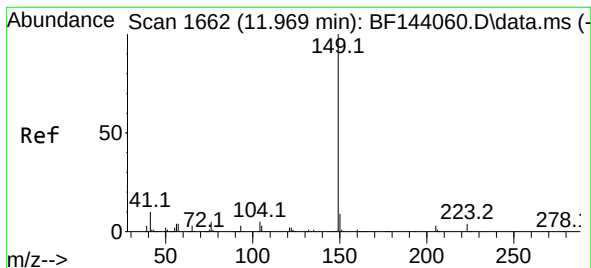
Tgt Ion:178 Resp: 93364
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.0 22.4
 179 15.8 11.8 17.6



#73
 Carbazole
 Concen: 1.086 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. 0.006 min
 Lab File: BF144089.D
 Acq: 27 Oct 2025 18:03

Tgt Ion:167 Resp: 7945
 Ion Ratio Lower Upper
 167 100
 166 24.3 16.1 24.1#
 139 11.4 9.8 14.6





#74

Di-n-butylphthalate

Concen: 0.024 ng

RT: 11.963 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144089.D

Acq: 27 Oct 2025 18:03

Instrument :

BNA_F

ClientSampleId :

TP-6DL

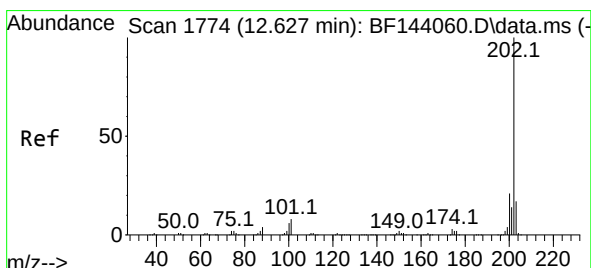
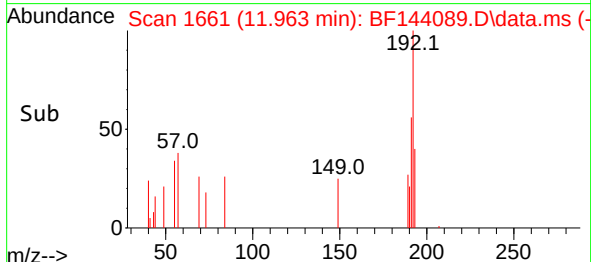
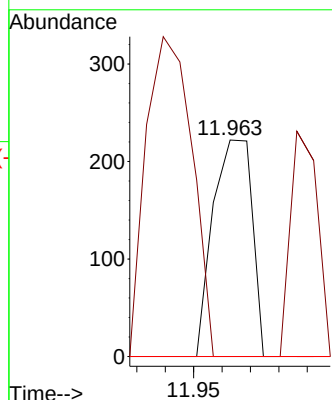
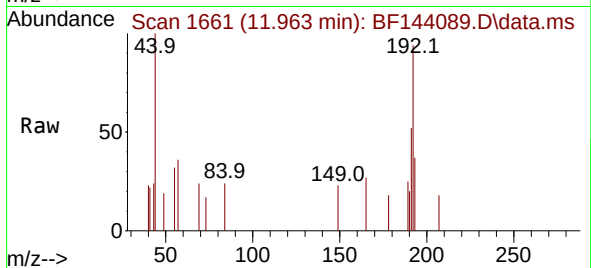
Tgt Ion:149 Resp: 212

Ion Ratio Lower Upper

149 100

150 0.0 7.3 10.9#

104 0.0 3.6 5.4#



#75

Fluoranthene

Concen: 43.336 ng

RT: 12.627 min Scan# 1774

Delta R.T. 0.000 min

Lab File: BF144089.D

Acq: 27 Oct 2025 18:03

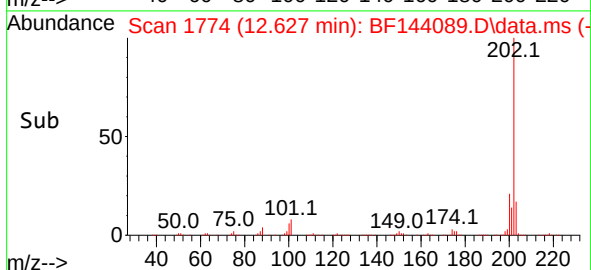
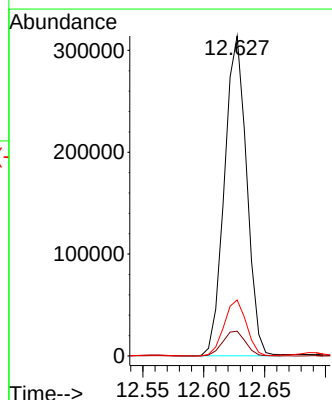
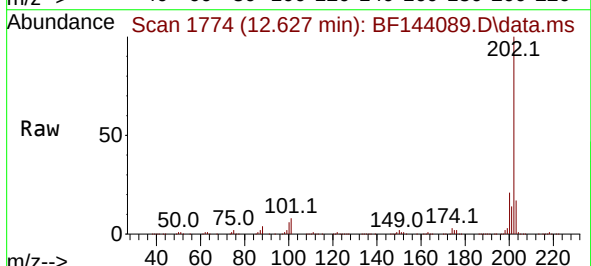
Tgt Ion:202 Resp: 398344

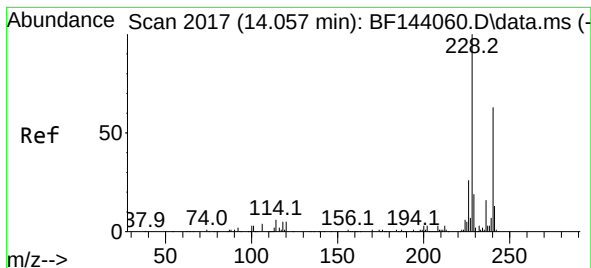
Ion Ratio Lower Upper

202 100

101 7.7 0.0 27.7

203 17.5 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF144089.D

Acq: 27 Oct 2025 18:03

Instrument :

BNA_F

ClientSampleId :

TP-6DL

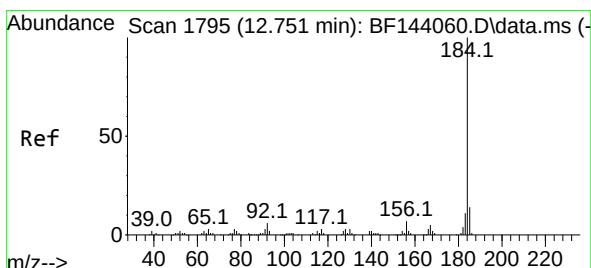
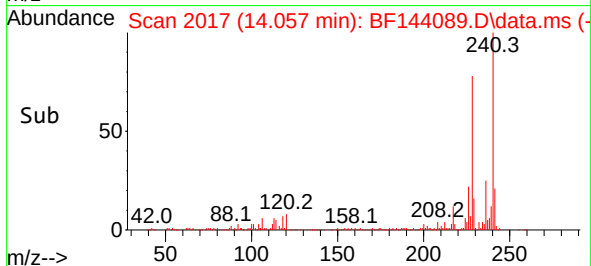
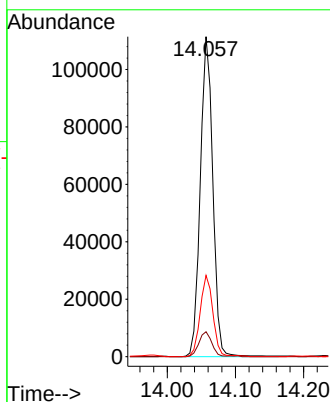
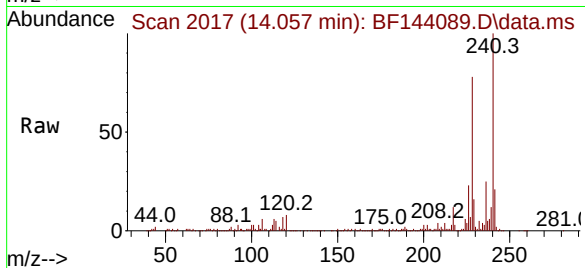
Tgt Ion:240 Resp: 142231

Ion Ratio Lower Upper

240 100

120 7.8 6.5 9.7

236 25.4 20.1 30.1



#77

Benzidine

Concen: 0.044 ng

RT: 12.757 min Scan# 1796

Delta R.T. 0.006 min

Lab File: BF144089.D

Acq: 27 Oct 2025 18:03

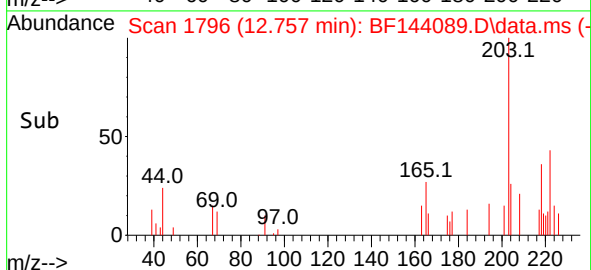
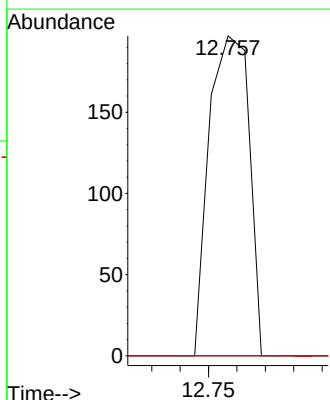
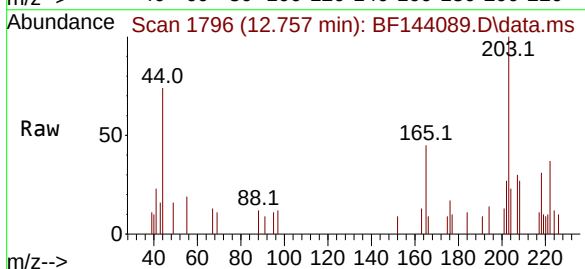
Tgt Ion:184 Resp: 193

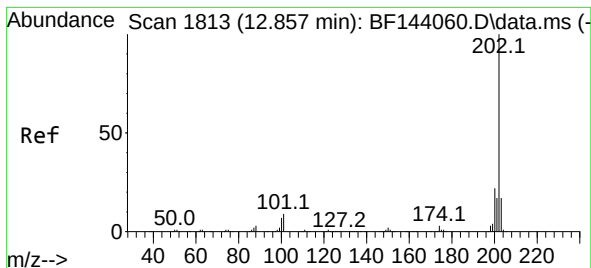
Ion Ratio Lower Upper

184 100

185 0.0 11.6 17.4#

183 0.0 8.5 12.7#





#78

Pyrene

Concen: 29.738 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144089.D

Acq: 27 Oct 2025 18:03

Instrument :

BNA_F

ClientSampleId :

TP-6DL

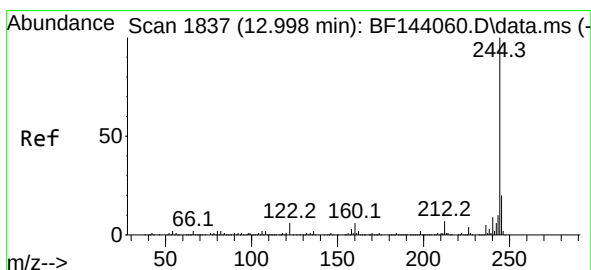
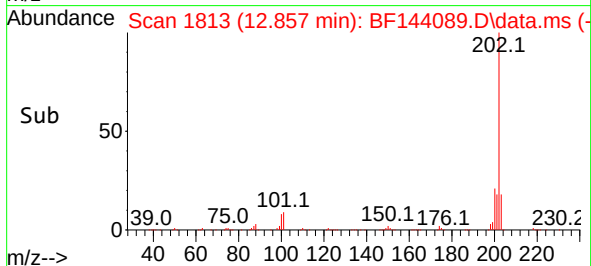
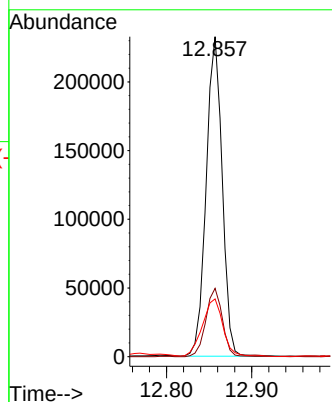
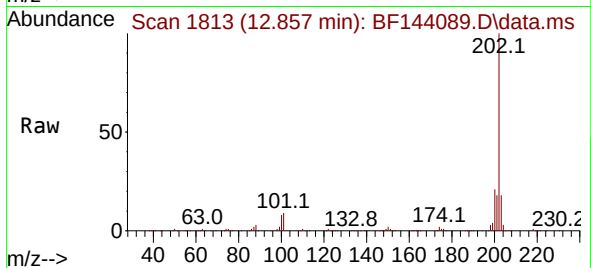
Tgt Ion:202 Resp: 304086

Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

203 18.1 13.5 20.3



#79

Terphenyl-d14

Concen: 7.872 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144089.D

Acq: 27 Oct 2025 18:03

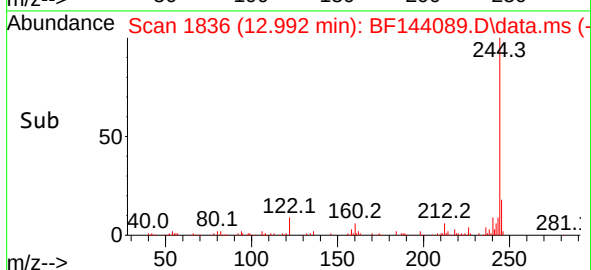
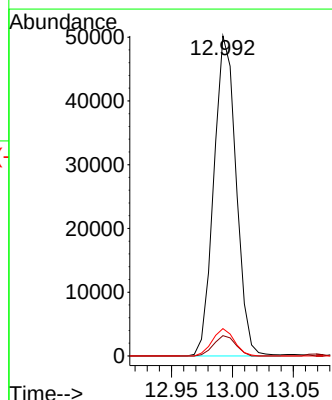
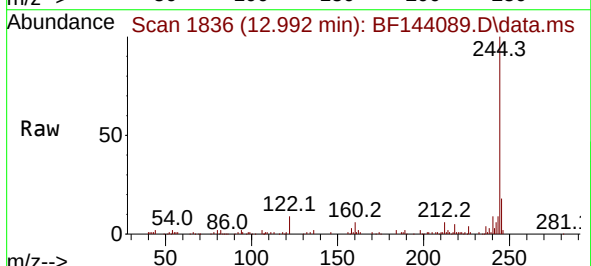
Tgt Ion:244 Resp: 64046

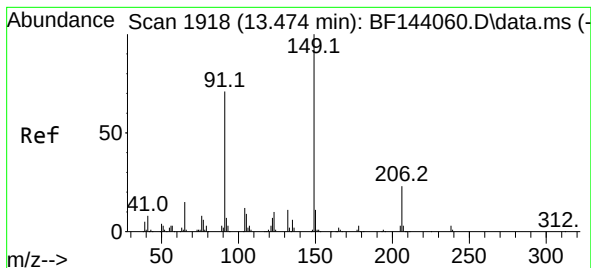
Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.6

122 8.5 4.9 7.3#





#80

Butylbenzylphthalate

Concen: 0.050 ng

RT: 13.398 min Scan# 1918

Delta R.T. -0.076 min

Lab File: BF144089.D

Acq: 27 Oct 2025 18:03

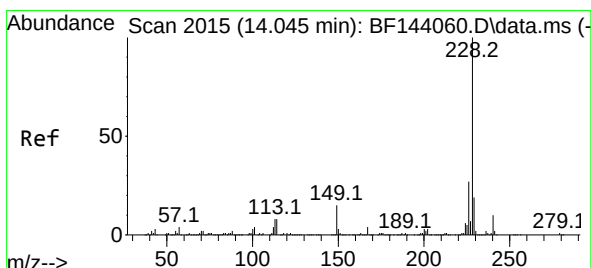
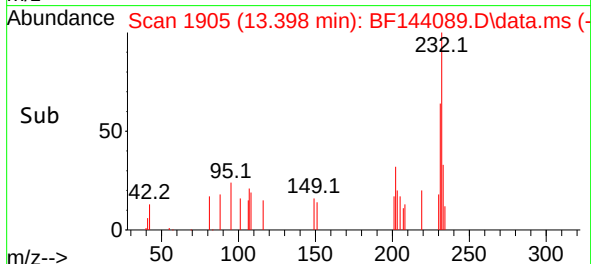
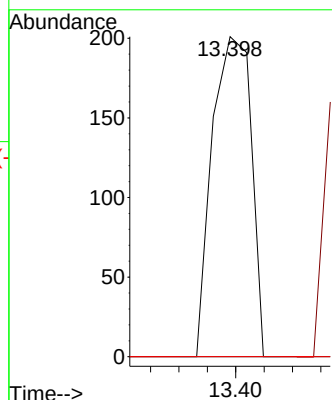
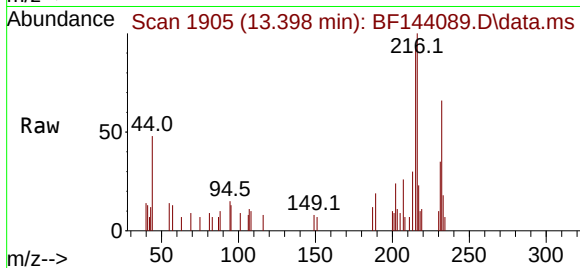
Instrument :

BNA_F

ClientSampleId :

TP-6DL

Tgt Ion:149	Resp:	192
Ion Ratio	Lower	Upper
149	100	
91	0.0	56.6 84.8#
206	0.0	18.3 27.5#



#81

Benzo(a)anthracene

Concen: 21.237 ng

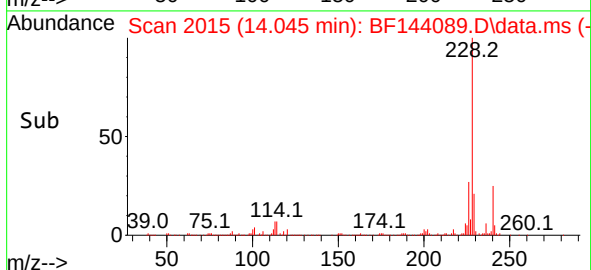
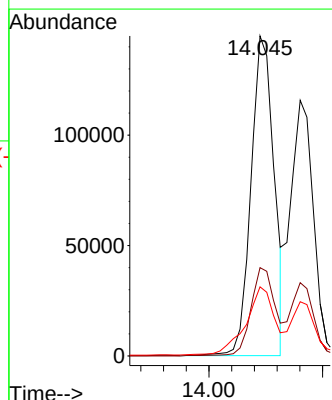
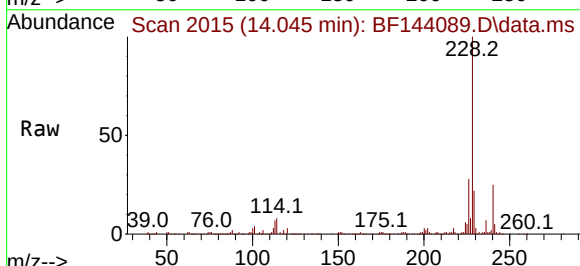
RT: 14.045 min Scan# 2015

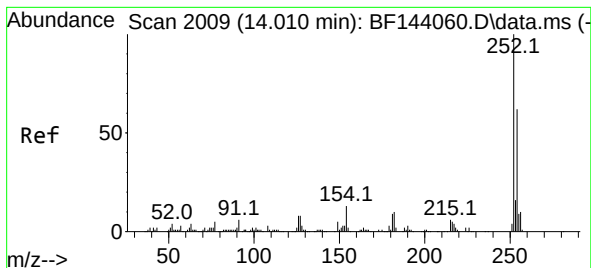
Delta R.T. 0.000 min

Lab File: BF144089.D

Acq: 27 Oct 2025 18:03

Tgt Ion:228	Resp:	204132
Ion Ratio	Lower	Upper
228	100	
226	27.6	21.4 32.2
229	21.6	15.3 22.9





#82

3,3'-Dichlorobenzidine

Concen: 0.016 ng

RT: 14.004 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF144089.D

Acq: 27 Oct 2025 18:03

Instrument :

BNA_F

ClientSampleId :

TP-6DL

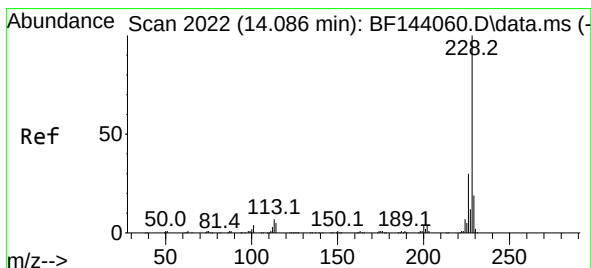
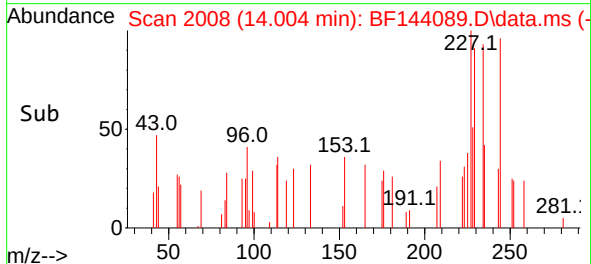
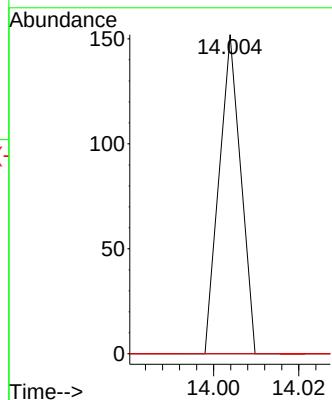
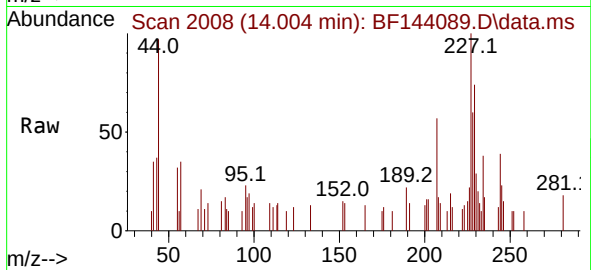
Tgt Ion:252 Resp: 54

Ion Ratio Lower Upper

252 100

254 0.0 49.9 74.9#

126 0.0 6.5 9.7#



#83

Chrysene

Concen: 17.846 ng

RT: 14.080 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF144089.D

Acq: 27 Oct 2025 18:03

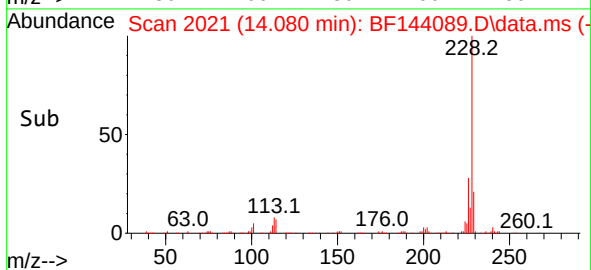
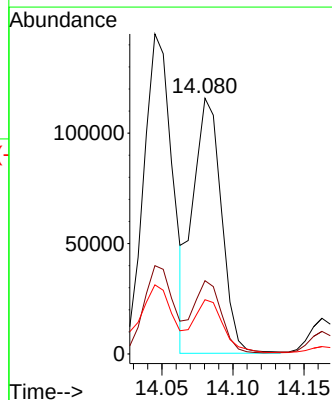
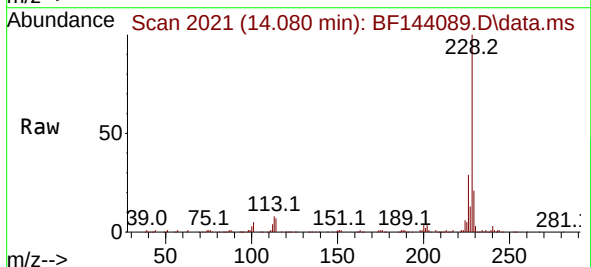
Tgt Ion:228 Resp: 160971

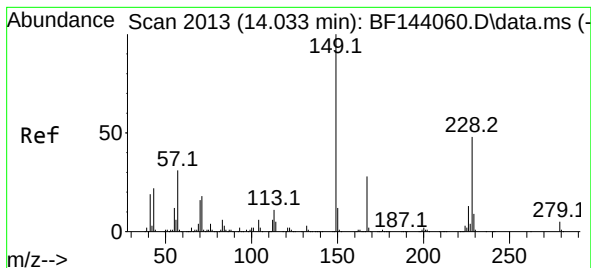
Ion Ratio Lower Upper

228 100

226 28.7 23.8 35.6

229 21.2 15.6 23.4

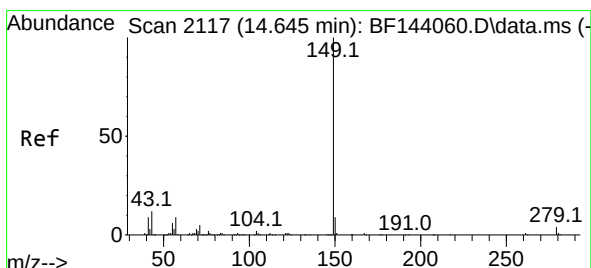
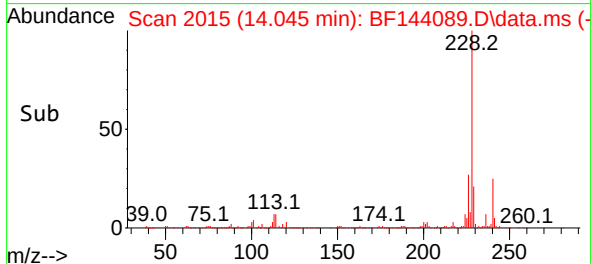
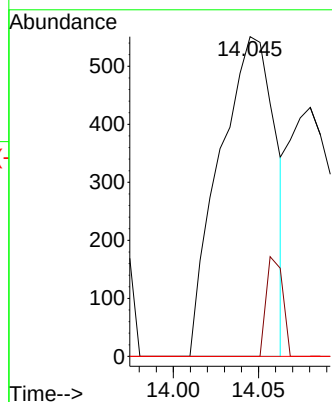
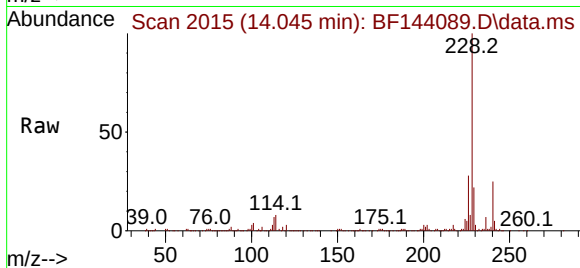




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.237 ng
 RT: 14.045 min Scan# 2013
 Delta R.T. 0.012 min
 Lab File: BF144089.D
 Acq: 27 Oct 2025 18:03

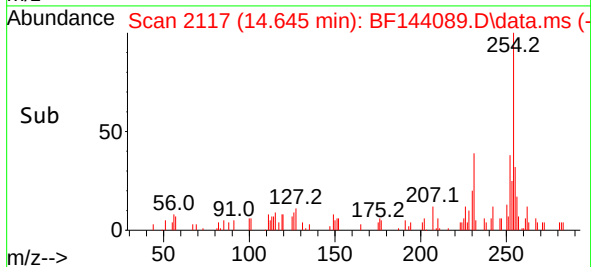
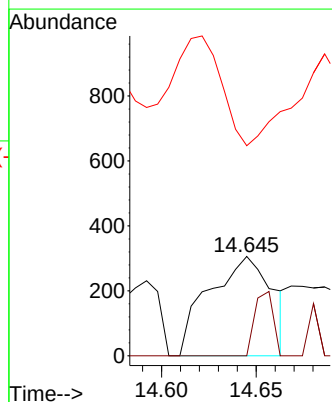
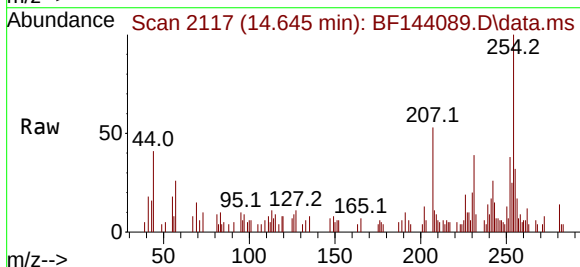
Instrument :
 BNA_F
 ClientSampleId :
 TP-6DL

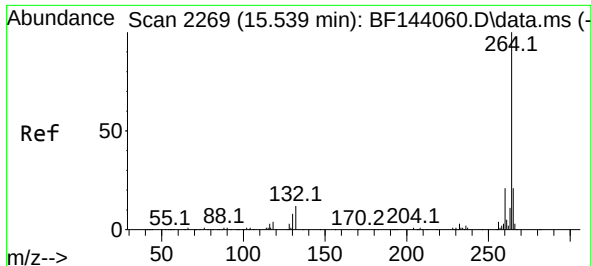
Tgt Ion:149 Resp: 1253
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.5 33.7#
 279 0.0 3.6 5.4#



#85
 Di-n-octyl phthalate
 Concen: 0.078 ng
 RT: 14.645 min Scan# 2117
 Delta R.T. 0.000 min
 Lab File: BF144089.D
 Acq: 27 Oct 2025 18:03

Tgt Ion:149 Resp: 712
 Ion Ratio Lower Upper
 149 100
 167 18.7 1.2 1.8#
 43 0.0 9.3 13.9#

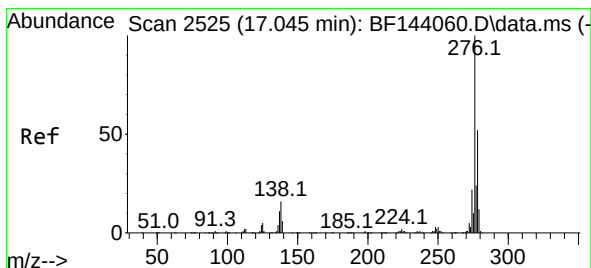
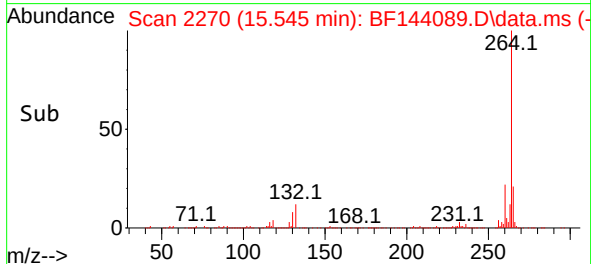
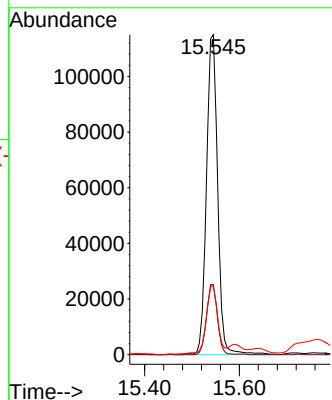
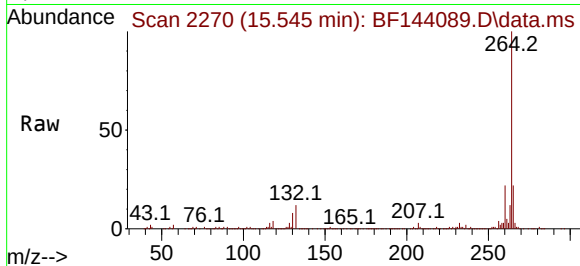




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF144089.D
 Acq: 27 Oct 2025 18:03

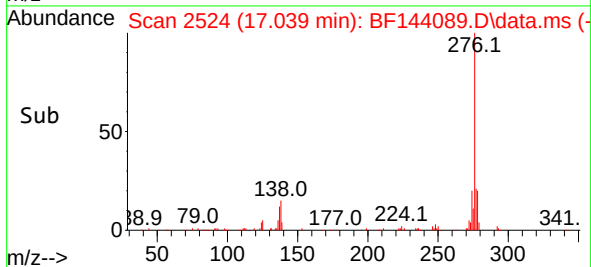
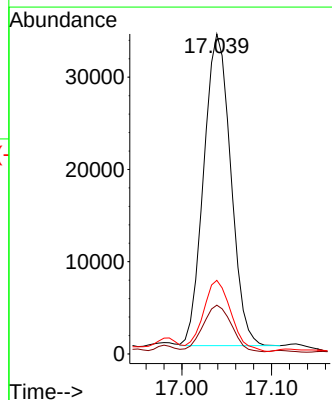
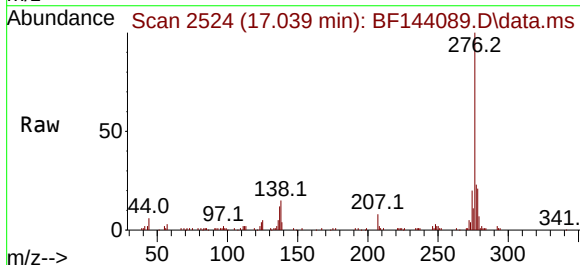
Instrument :
 BNA_F
 ClientSampleId :
 TP-6DL

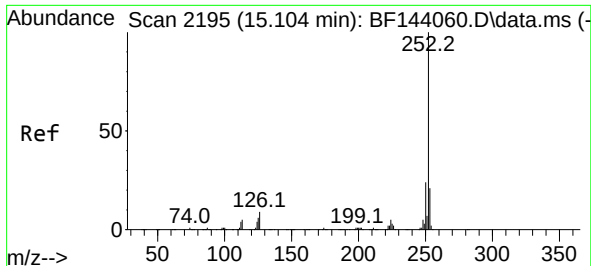
Tgt Ion:264 Resp: 188881
 Ion Ratio Lower Upper
 264 100
 260 22.0 17.0 25.4
 265 21.6 16.6 24.8



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.445 ng
 RT: 17.039 min Scan# 2524
 Delta R.T. -0.006 min
 Lab File: BF144089.D
 Acq: 27 Oct 2025 18:03

Tgt Ion:276 Resp: 70606
 Ion Ratio Lower Upper
 276 100
 138 16.6 13.0 19.6
 277 23.6 19.4 29.0

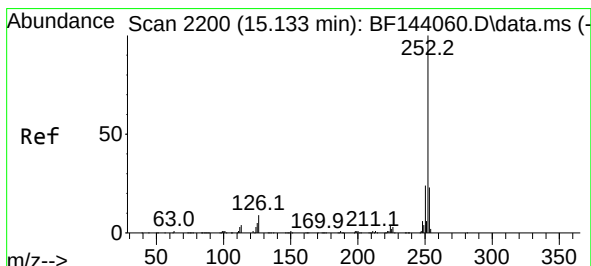
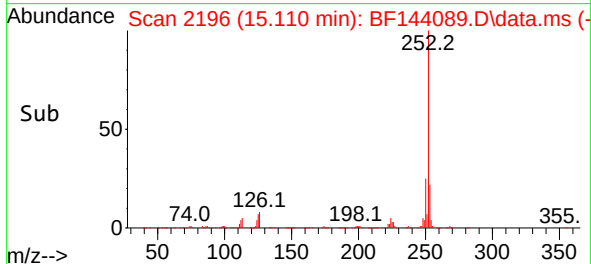
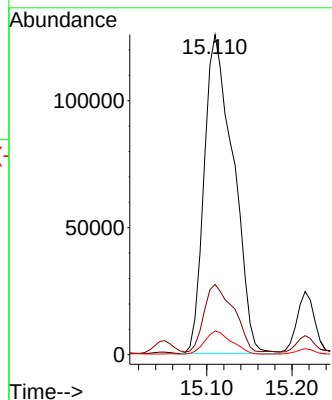
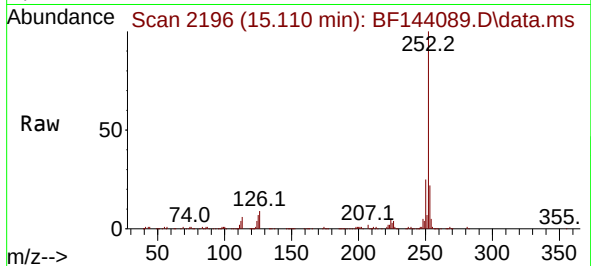




#88
Benzo(b)fluoranthene
Concen: 27.956 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

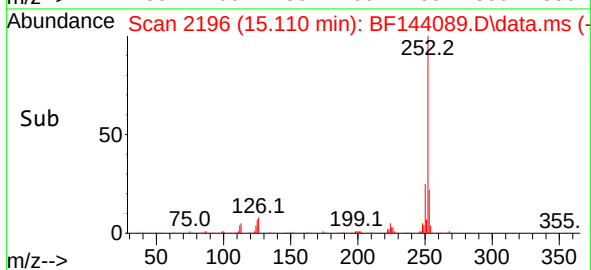
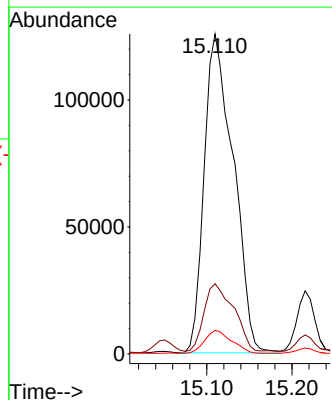
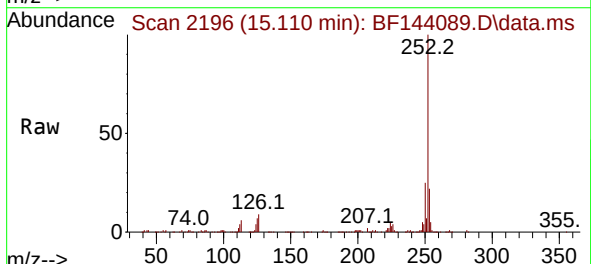
Instrument :
BNA_F
ClientSampleId :
TP-6DL

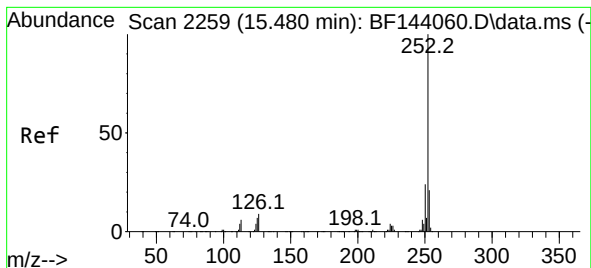
Tgt Ion:252 Resp: 298513
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 7.4 5.0 7.6



#89
Benzo(k)fluoranthene
Concen: 30.300 ng
RT: 15.110 min Scan# 2196
Delta R.T. -0.023 min
Lab File: BF144089.D
Acq: 27 Oct 2025 18:03

Tgt Ion:252 Resp: 298513
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 7.4 4.9 7.3#





#90

Benzo(a)pyrene

Concen: 16.043 ng

RT: 15.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144089.D

Acq: 27 Oct 2025 18:03

Instrument :

BNA_F

ClientSampleId :

TP-6DL

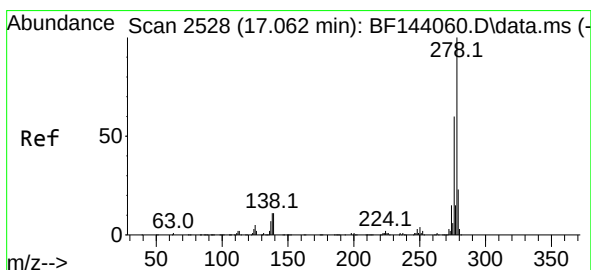
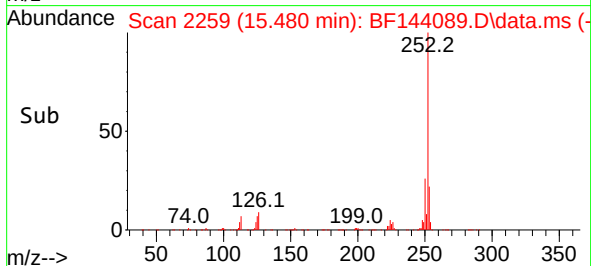
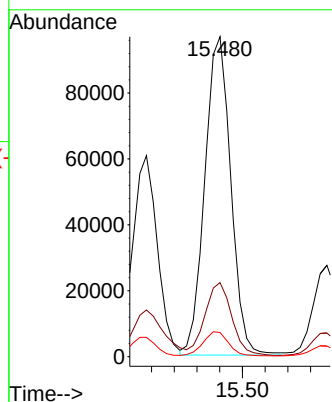
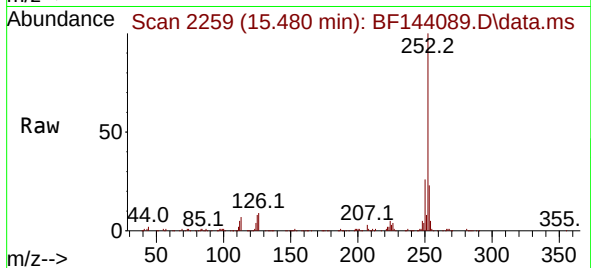
Tgt Ion:252 Resp: 153686

Ion Ratio Lower Upper

252 100

253 23.2 17.1 25.7

125 7.5 5.4 8.2



#91

Dibenzo(a,h)anthracene

Concen: 1.702 ng

RT: 17.227 min Scan# 2556

Delta R.T. 0.165 min

Lab File: BF144089.D

Acq: 27 Oct 2025 18:03

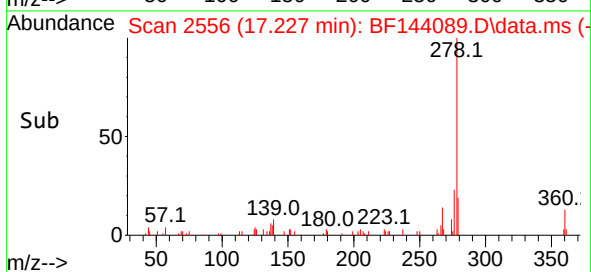
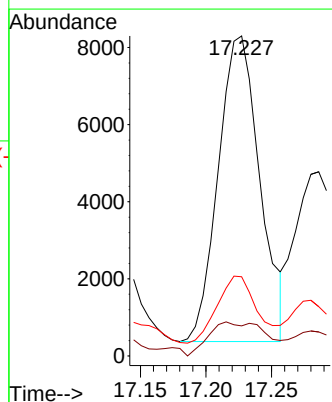
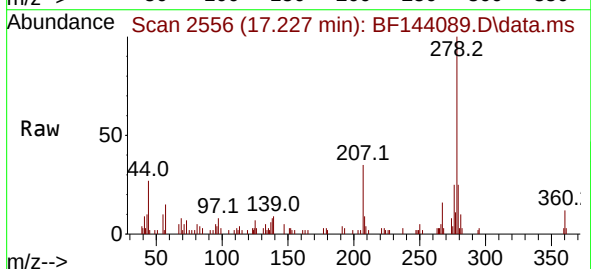
Tgt Ion:278 Resp: 17470

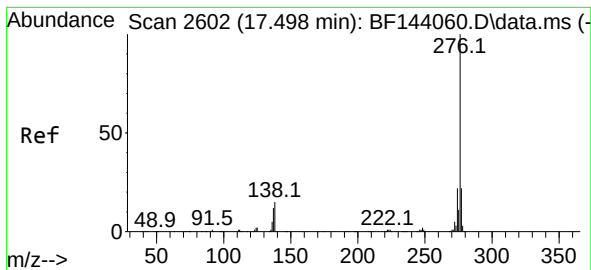
Ion Ratio Lower Upper

278 100

139 9.4 8.5 12.7

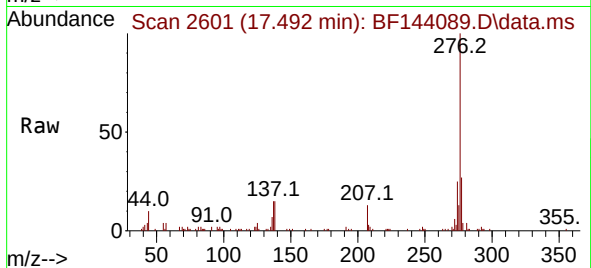
279 24.8 18.6 28.0





#92
 Benzo(g,h,i)perylene
 Concen: 5.152 ng
 RT: 17.492 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF144089.D
 Acq: 27 Oct 2025 18:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-6DL



Tgt Ion:276 Resp: 53170
 Ion Ratio Lower Upper
 276 100
 277 27.5 17.9 26.9#
 138 14.5 12.0 18.0

