

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142422.D
 Acq On : 16 May 2025 12:40
 Operator : RC/JU
 Sample : PB167943TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167943TB

Quant Time: May 16 13:15:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	173476	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	667557	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	364047	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	651928	20.000	ng	0.00
76) Chrysene-d12	14.063	240	441188	20.000	ng	0.00
86) Perylene-d12	15.557	264	353480	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1268292	124.805	ng	0.02
7) Phenol-d6	6.528	99	1540263	123.234	ng	0.00
23) Nitrobenzene-d5	7.463	82	945029	86.337	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	514724	146.445	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1906527	74.674	ng	0.00
79) Terphenyl-d14	13.016	244	2170288	72.809	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.563	93	177	0.014	ng	# 43
9) Benzaldehyde	6.528	77	2518	0.344	ng	# 1
10) Phenol	6.534	94	513	0.039	ng	# 1
11) bis(2-Chloroethyl)ether	6.563	93	177	0.014	ng	# 20
15) Benzyl Alcohol	6.898	79	4270	0.528	ng	# 24
22) Acetophenone	7.304	105	224	0.015	ng	# 49
24) Nitrobenzene	7.463	77	3104	0.301	ng	# 29
28) bis(2-Chloroethoxy)met...	7.928	93	110	0.008	ng	# 49
31) Naphthalene	8.204	128	544	0.017	ng	# 69
33) 4-Chloroaniline	8.263	127	112	0.008	ng	# 47
36) 4-Chloro-3-methylphenol	8.739	107	117	0.013	ng	# 17
37) 2-Methylnaphthalene	8.992	142	207	0.010	ng	87
38) 1-Methylnaphthalene	8.992	142	207	0.010	ng	91
46) 1,1'-Biphenyl	9.357	154	654	0.023	ng	79
47) 2-Chloronaphthalene	9.381	162	314	0.015	ng	# 38
48) 2-Nitroaniline	9.257	65	2964	0.557	ng	# 1
49) Acenaphthylene	9.798	152	337	0.010	ng	# 60
52) Acenaphthene	9.939	154	1702	0.082	ng	# 6
55) Dibenzofuran	10.145	168	610	0.020	ng	# 73
56) 4-Nitrophenol	10.145	139	286	0.074	ng	# 9
58) Fluorene	10.728	166	19326	0.822	ng	# 89
63) Azobenzene	10.639	77	329	0.015	ng	# 46
66) n-Nitrosodiphenylamine	10.728	169	13311	0.614	ng	# 42
71) Phenanthrene	11.445	178	785	0.023	ng	# 60
72) Anthracene	11.498	178	568	0.016	ng	# 60
73) Carbazole	11.663	167	227	0.007	ng	# 59
74) Di-n-butylphthalate	11.986	149	246	0.007	ng	# 78
75) Fluoranthene	12.639	202	214	0.006	ng	64
77) Benzidine	12.763	184	1038	0.129	ng	# 66
78) Pyrene	12.863	202	464	0.012	ng	# 58
81) Benzo(a)anthracene	14.063	228	1426	0.050	ng	# 52
83) Chrysene	14.063	228	1426	0.054	ng	# 49
88) Benzo(b)fluoranthene	15.110	252	111	0.005	ng	# 1
89) Benzo(k)fluoranthene	15.145	252	168	0.009	ng	# 1
90) Benzo(a)pyrene	15.557	252	1322	0.069	ng	# 56

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
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Sample : PB167943TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167943TB

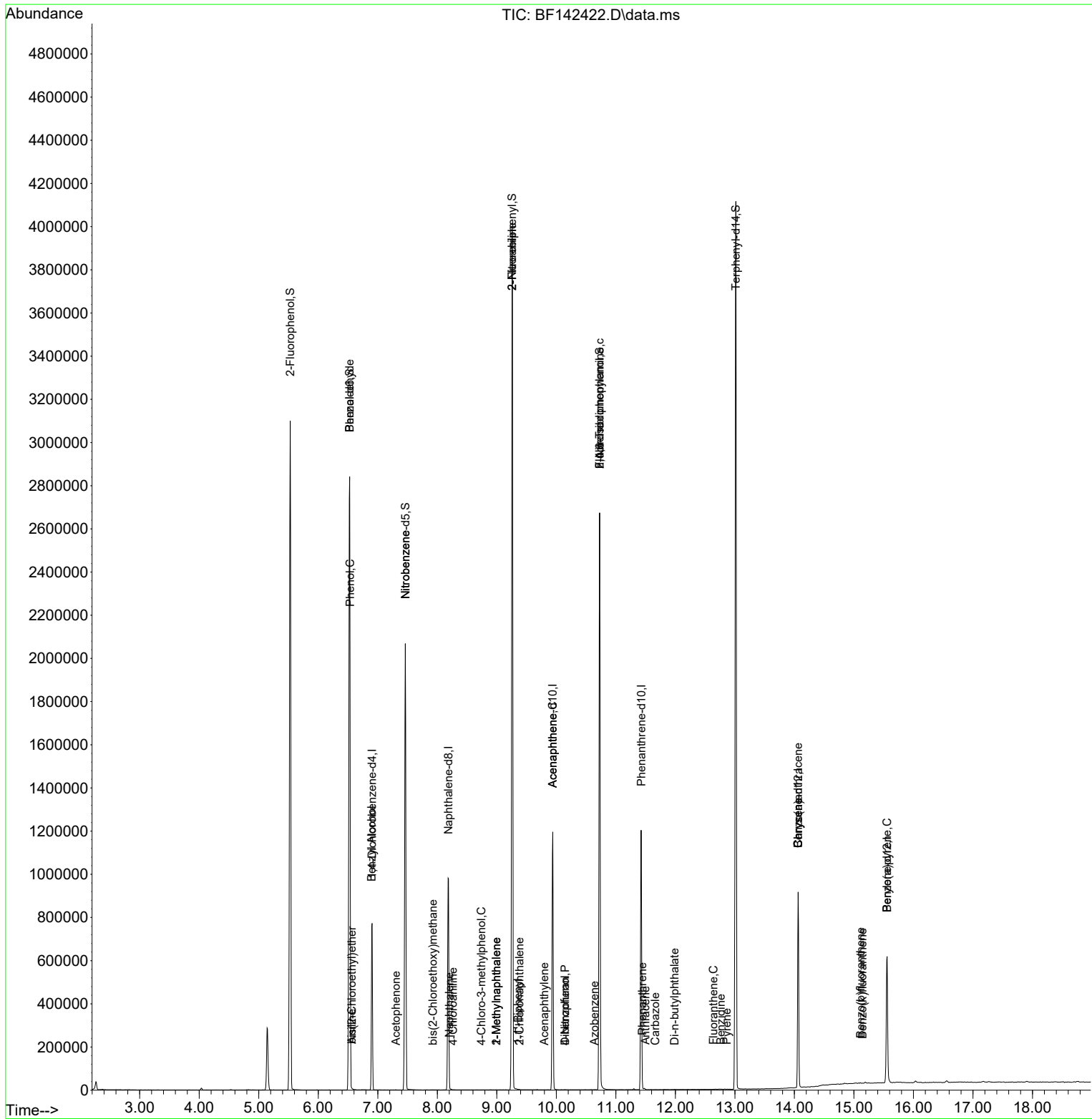
Quant Time: May 16 13:15:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

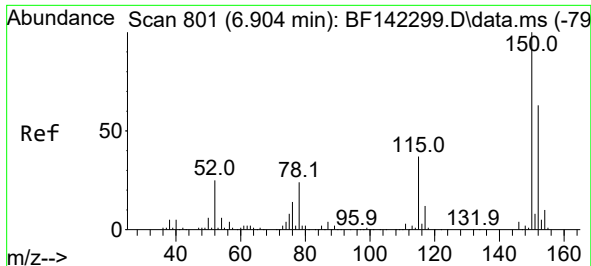
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

PB167943TB

Response via : Initial Calibration

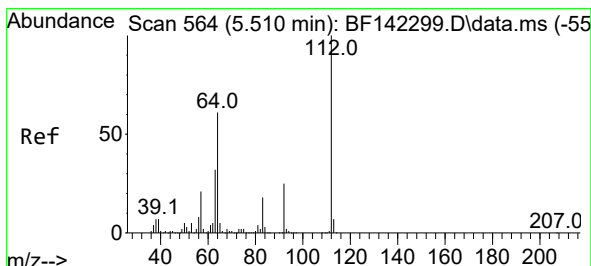
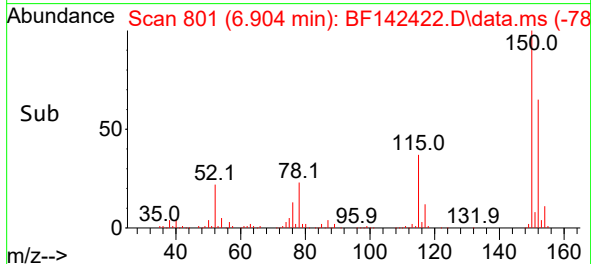
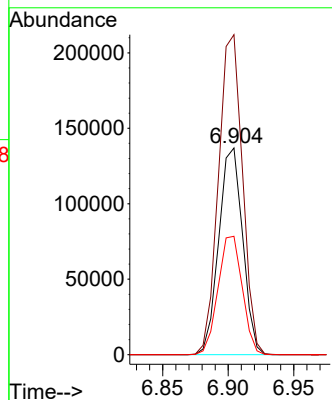
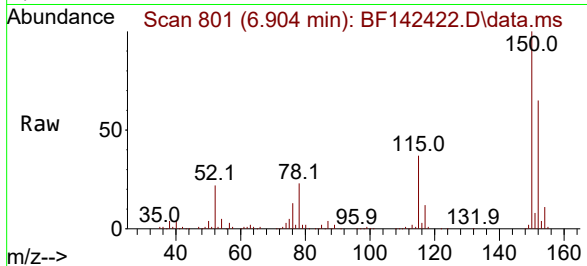




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

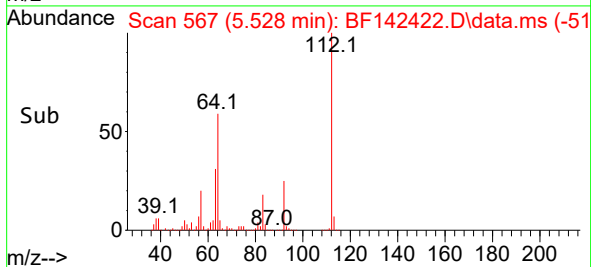
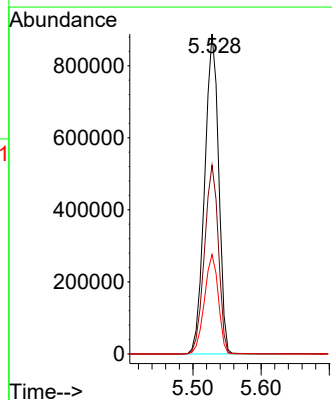
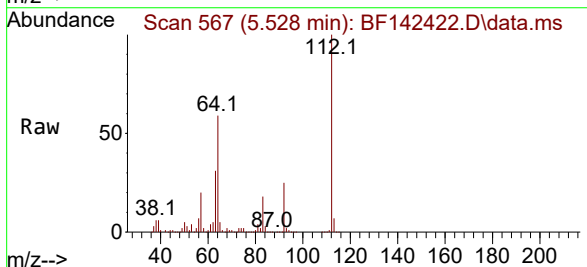
Instrument :
BNA_F
ClientSampleId :
PB167943TB

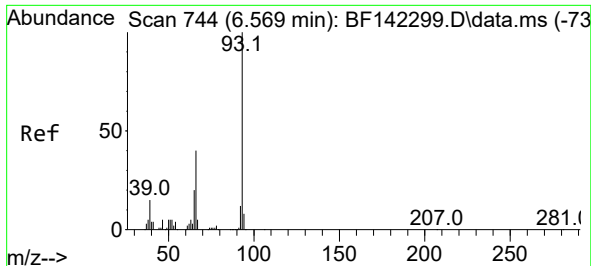
Tgt Ion:152 Resp: 173476
Ion Ratio Lower Upper
152 100
150 154.8 126.6 190.0
115 57.3 47.3 70.9



#5
2-Fluorophenol
Concen: 124.805 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

Tgt Ion:112 Resp: 1268292
Ion Ratio Lower Upper
112 100
64 59.0 48.9 73.3
63 31.1 25.6 38.4

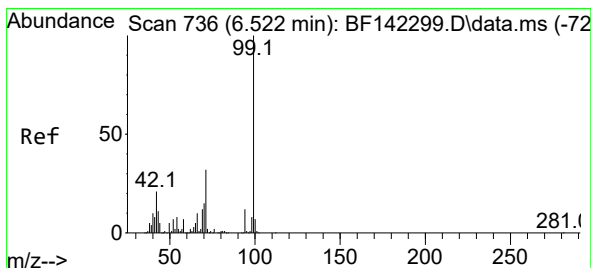
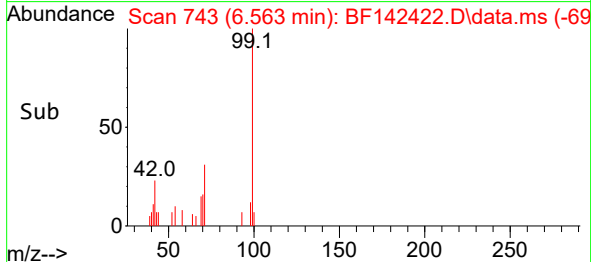
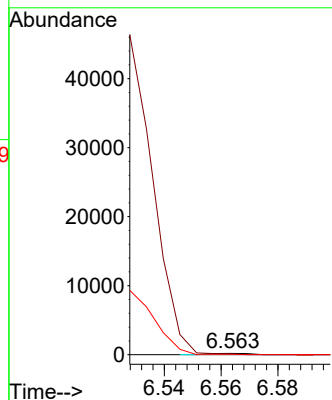
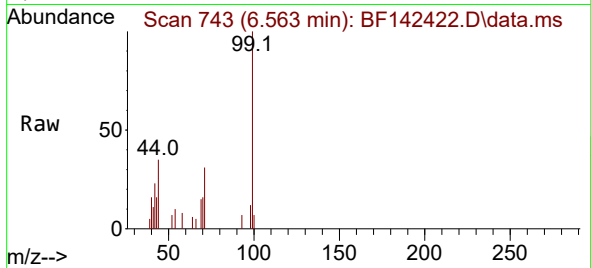




#6
Aniline
Concen: 0.014 ng
RT: 6.563 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

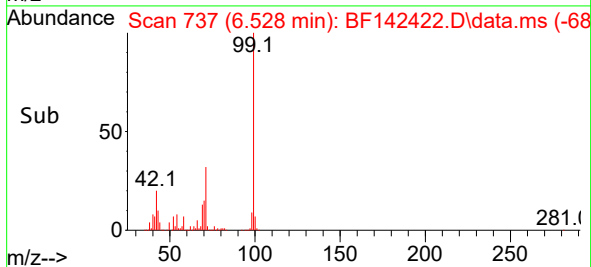
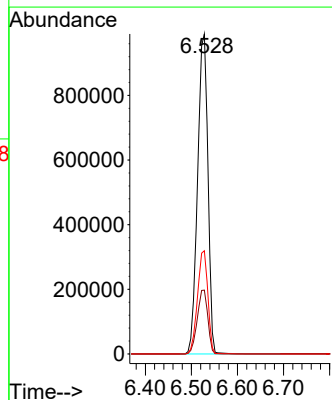
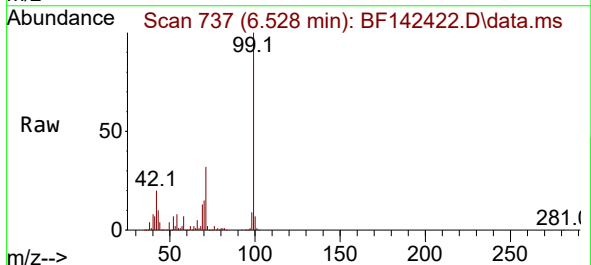
Instrument :
BNA_F
ClientSampleId :
PB167943TB

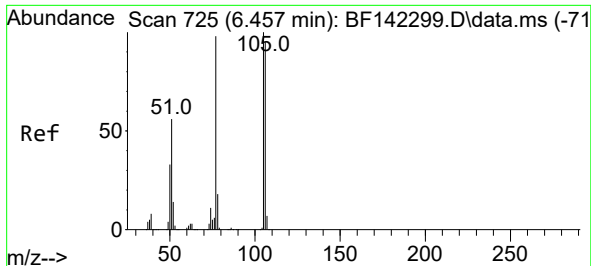
Tgt Ion: 93 Resp: 177
Ion Ratio Lower Upper
93 100
66 79.5 32.2 48.4#
65 0.0 16.3 24.5#



#7
Phenol-d6
Concen: 123.234 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

Tgt Ion: 99 Resp: 1540263
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.4
71 32.2 25.8 38.8





#9

Benzaldehyde

Concen: 0.344 ng

RT: 6.528 min Scan# 71

Delta R.T. 0.071 min

Lab File: BF142422.D

Acq: 16 May 2025 12:40

Instrument :

BNA_F

ClientSampleId :

PB167943TB

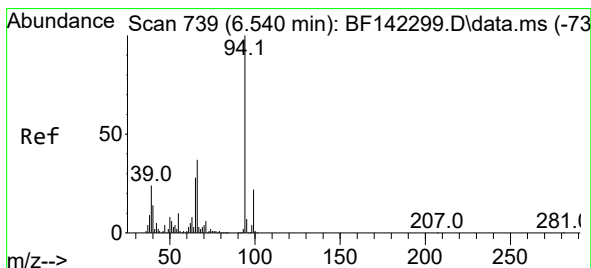
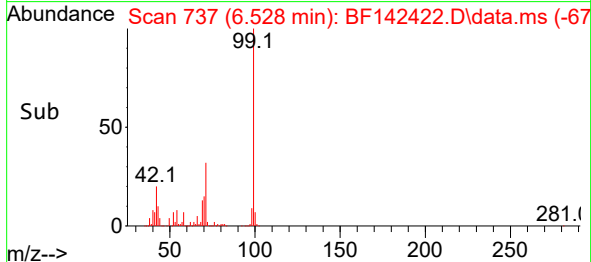
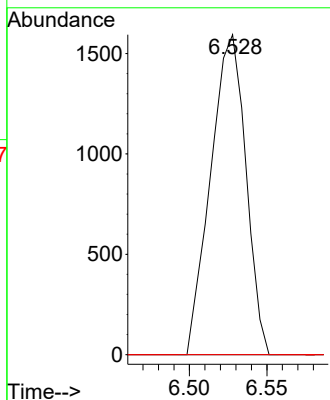
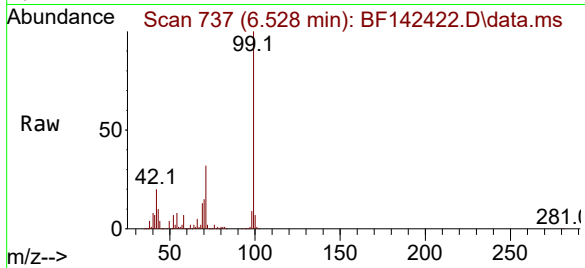
Tgt Ion: 77 Resp: 2518

Ion Ratio Lower Upper

77 100

105 0.0 82.0 122.0#

106 0.0 77.2 117.2#



#10

Phenol

Concen: 0.039 ng

RT: 6.534 min Scan# 738

Delta R.T. -0.006 min

Lab File: BF142422.D

Acq: 16 May 2025 12:40

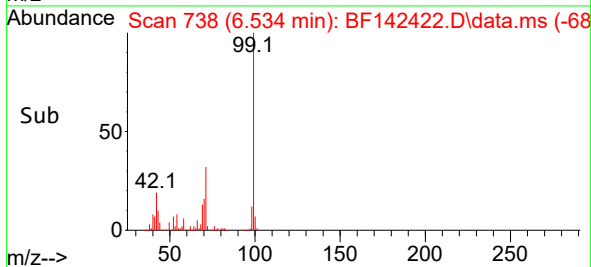
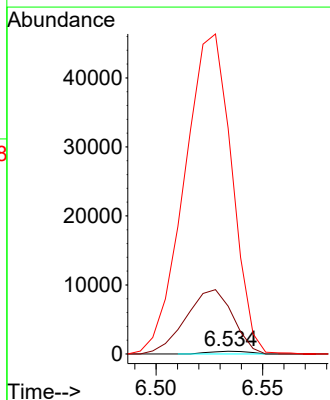
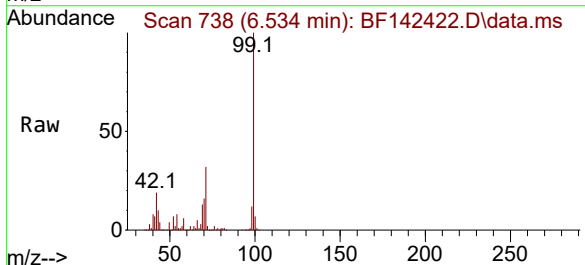
Tgt Ion: 94 Resp: 513

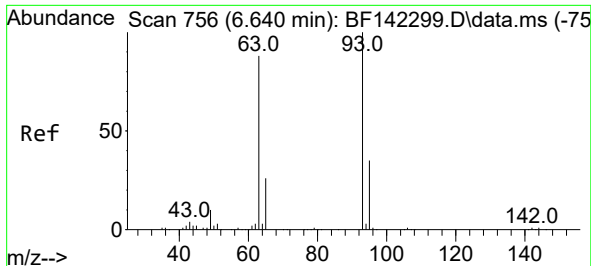
Ion Ratio Lower Upper

94 100

65 1734.5 8.5 48.5#

66 8182.0 17.3 57.3#

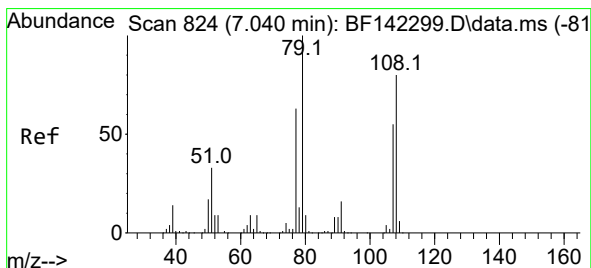
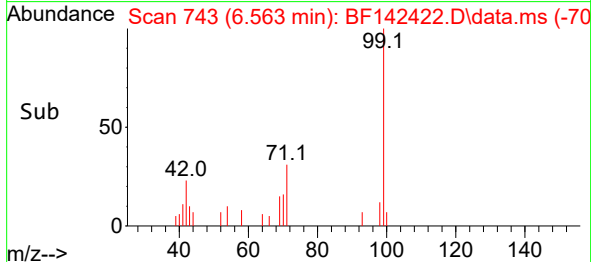
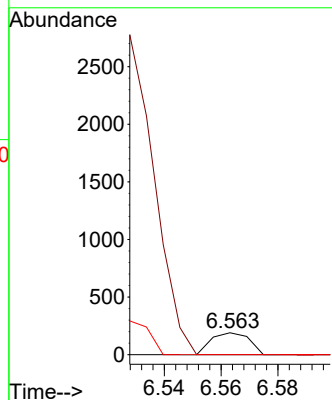
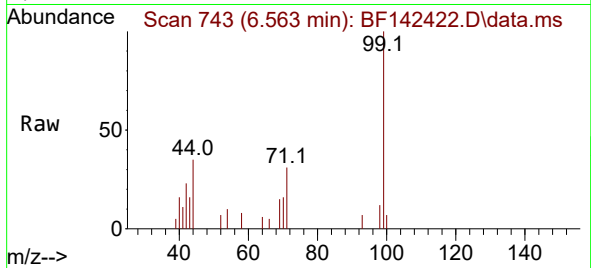




#11
bis(2-Chloroethyl)ether
Concen: 0.014 ng
RT: 6.563 min Scan# 74
Delta R.T. -0.076 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

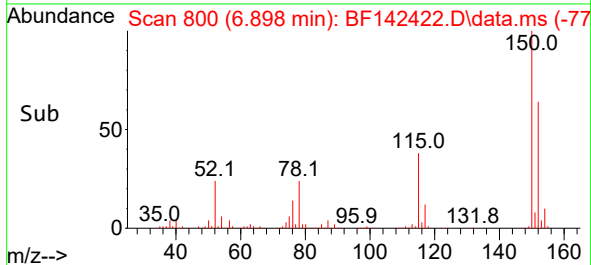
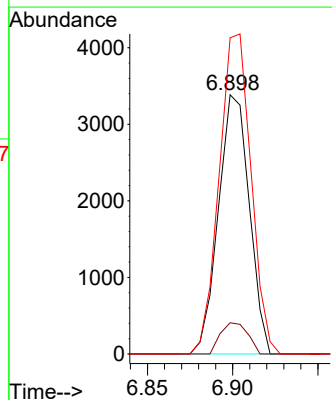
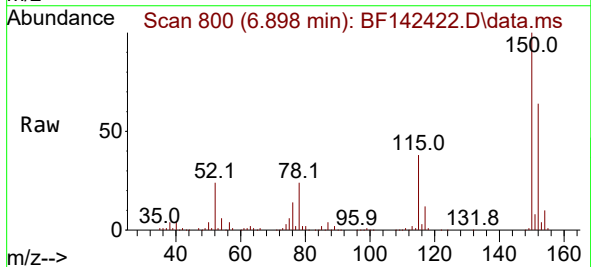
Instrument :
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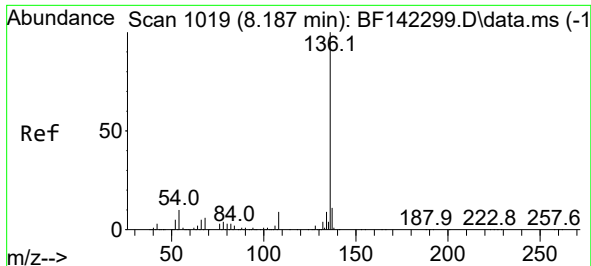
Tgt Ion: 93 Resp: 177
Ion Ratio Lower Upper
93 100
63 0.0 58.4 98.4#
95 0.0 10.6 50.6#



#15
Benzyl Alcohol
Concen: 0.528 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.141 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

Tgt Ion: 79 Resp: 4270
Ion Ratio Lower Upper
79 100
108 12.1 63.9 95.9#
77 121.9 50.7 76.1#

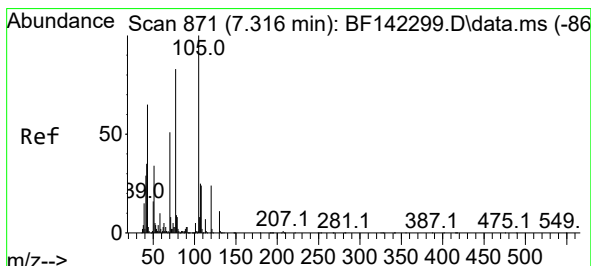
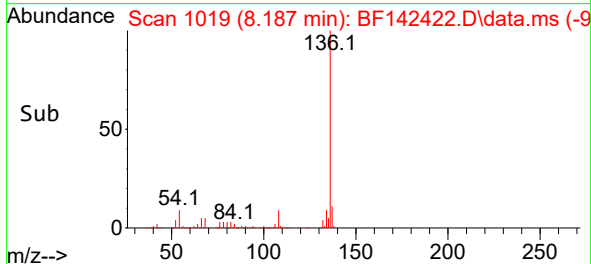
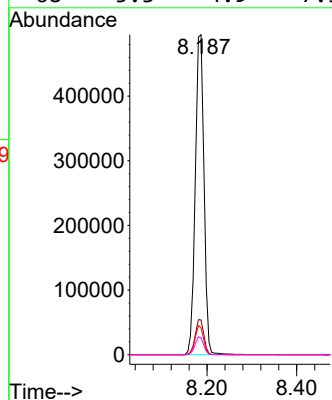
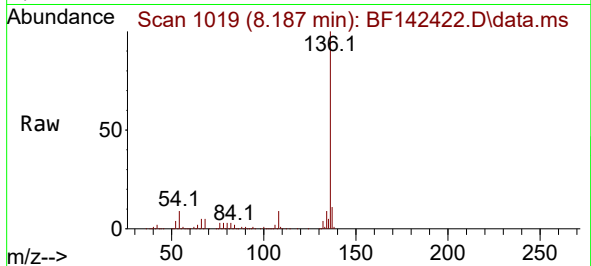




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

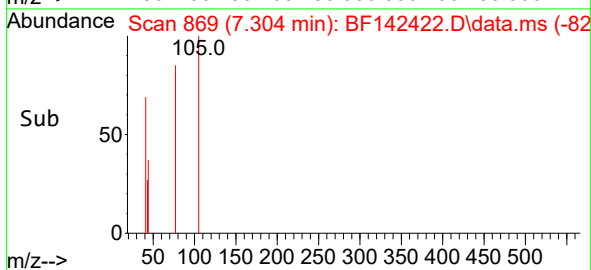
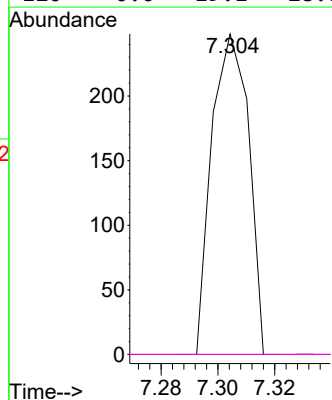
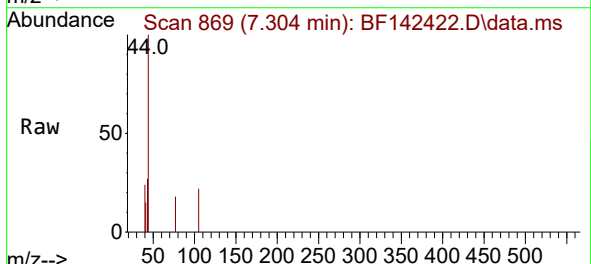
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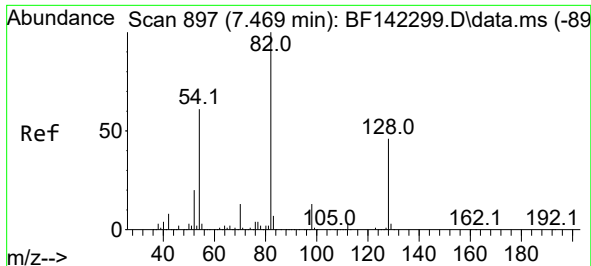
Tgt Ion:	136	Resp:	667557
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	8.5	7.7	11.5
68	5.3	4.9	7.3



#22
Acetophenone
Concen: 0.015 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

Tgt Ion:	105	Resp:	224
Ion Ratio	Lower	Upper	
105	100		
71	0.0	6.7	10.1#
51	0.0	27.6	41.4#
120	0.0	19.1	28.7#

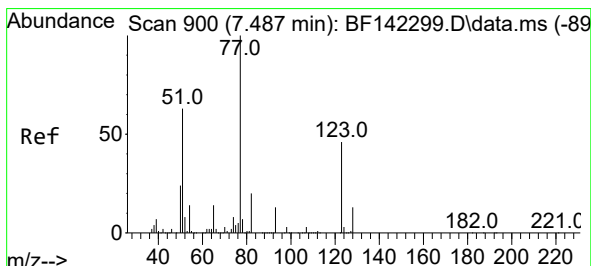
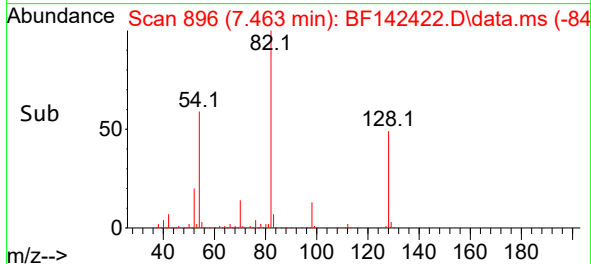
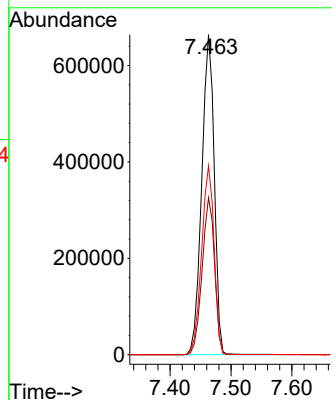
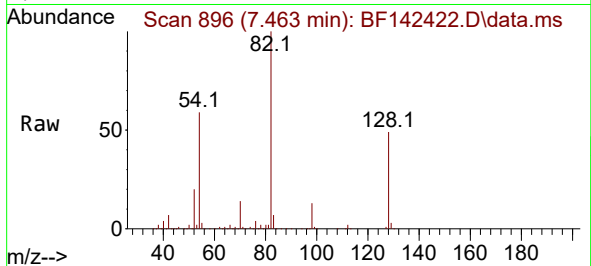




#23
Nitrobenzene-d5
Concen: 86.337 ng
RT: 7.463 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

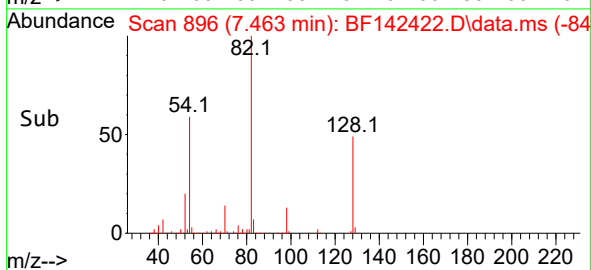
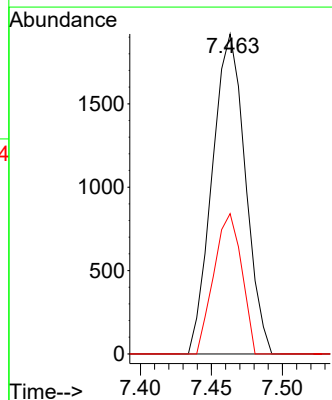
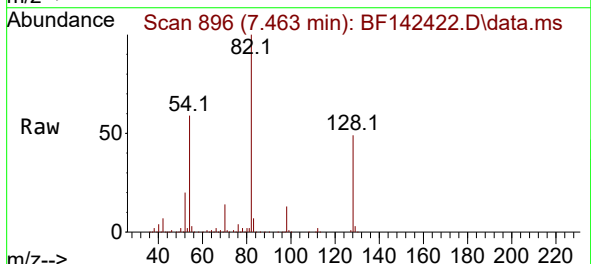
Instrument :
BNA_F
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PB167943TB

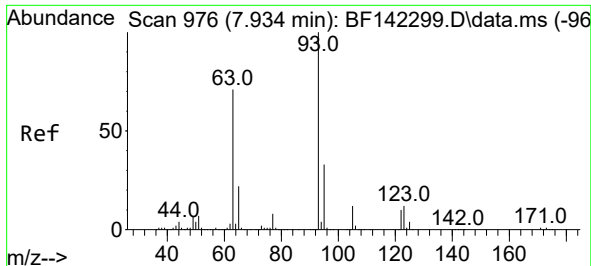
Tgt Ion: 82 Resp: 945029
Ion Ratio Lower Upper
82 100
128 49.0 37.0 55.6
54 59.0 48.6 73.0



#24
Nitrobenzene
Concen: 0.301 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.024 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

Tgt Ion: 77 Resp: 3104
Ion Ratio Lower Upper
77 100
123 0.0 37.8 56.8#
65 43.8 11.4 17.0#

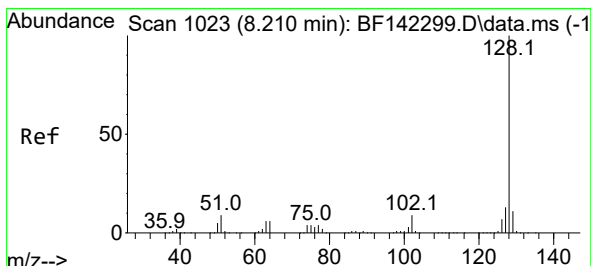
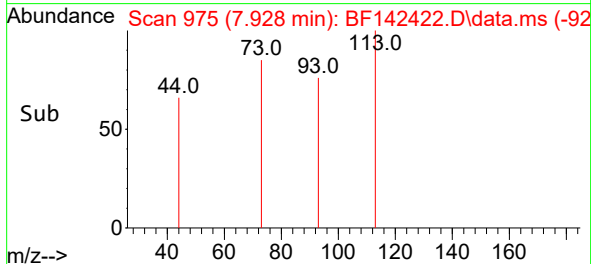
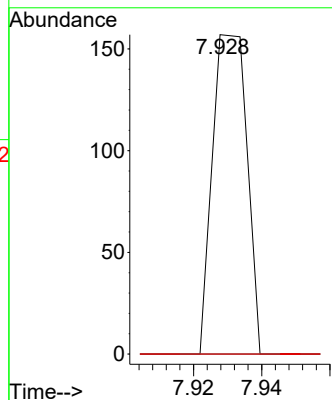
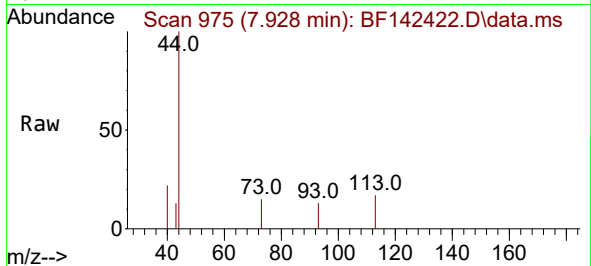




#28
bis(2-Chloroethoxy)methane
Concen: 0.008 ng
RT: 7.928 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

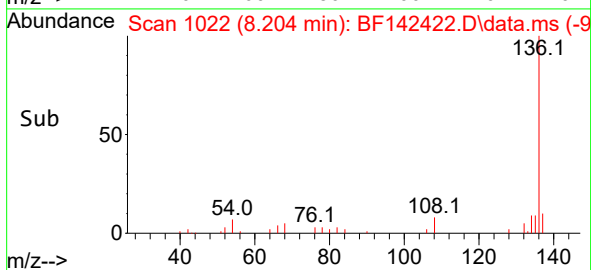
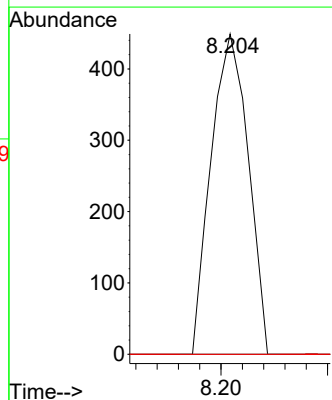
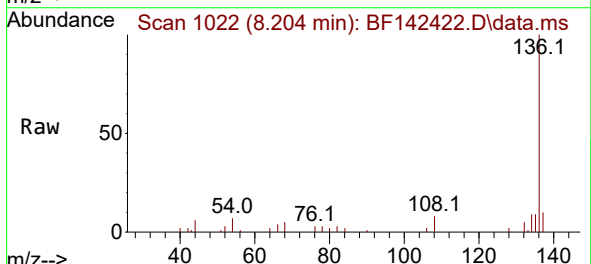
Instrument :
BNA_F
ClientSampleId :
PB167943TB

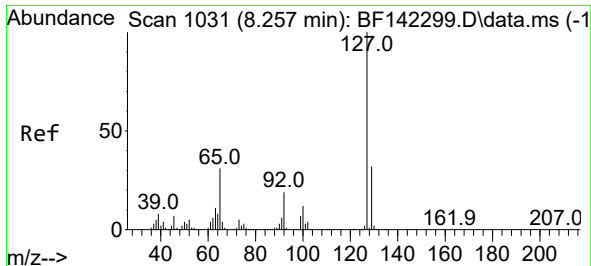
Tgt Ion: 93 Resp: 110
Ion Ratio Lower Upper
93 100
95 0.0 26.1 39.1#
123 0.0 10.2 15.4#



#31
Naphthalene
Concen: 0.017 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

Tgt Ion: 128 Resp: 544
Ion Ratio Lower Upper
128 100
129 0.0 9.1 13.7#
127 0.0 10.5 15.7#

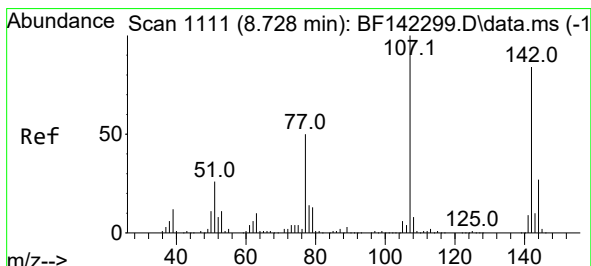
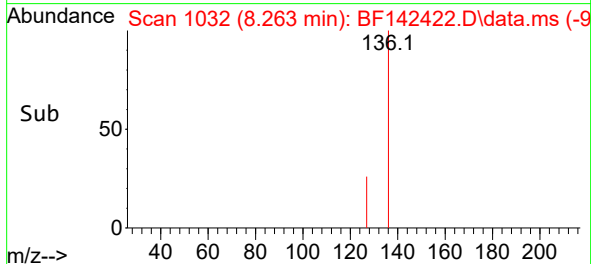
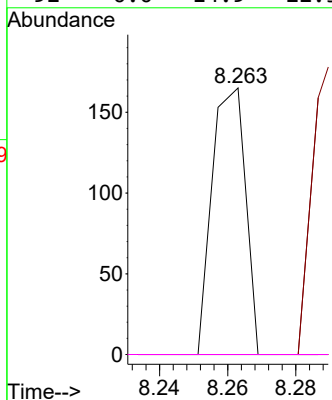
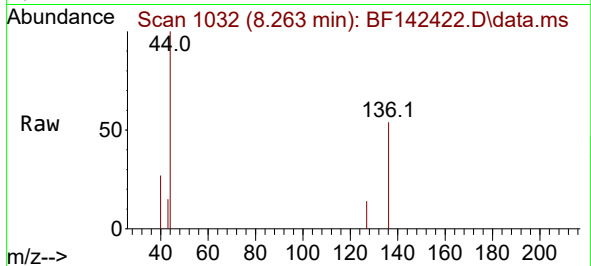




#33
4-Chloroaniline
Concen: 0.008 ng
RT: 8.263 min Scan# 1103
Delta R.T. -0.004 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

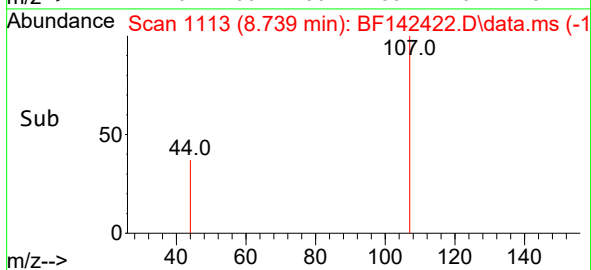
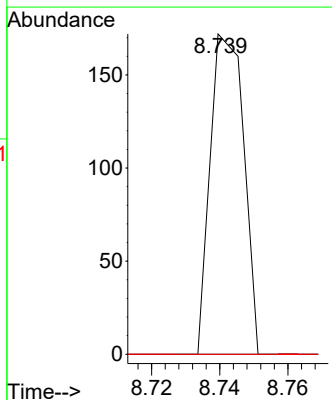
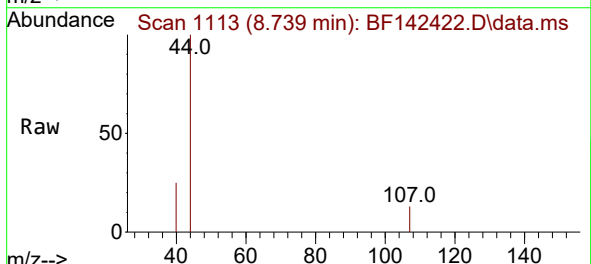
Instrument :
BNA_F
ClientSampleId :
PB167943TB

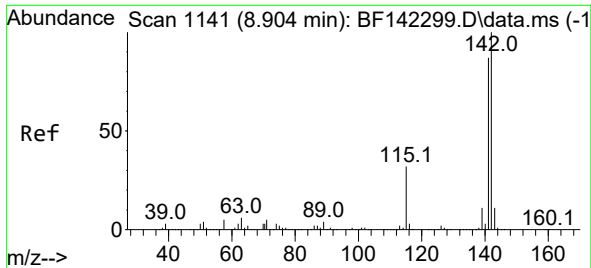
Tgt Ion:127	Resp:	112
Ion	Ratio	Lower Upper
127	100	
129	0.0	25.7 38.5#
65	0.0	24.9 37.3#
92	0.0	14.9 22.3#



#36
4-Chloro-3-methylphenol
Concen: 0.013 ng
RT: 8.739 min Scan# 1113
Delta R.T. 0.012 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

Tgt Ion:107	Resp:	117
Ion	Ratio	Lower Upper
107	100	
144	0.0	21.3 31.9#
142	0.0	66.9 100.3#

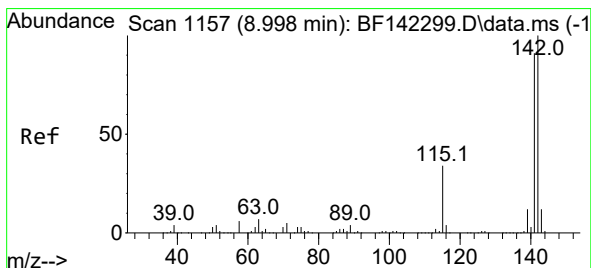
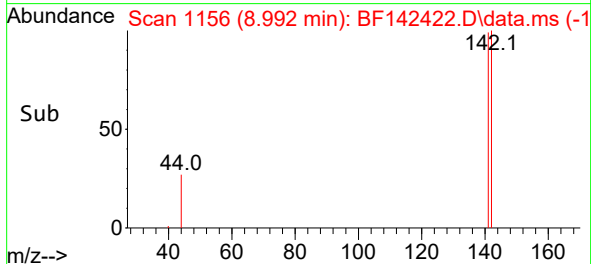
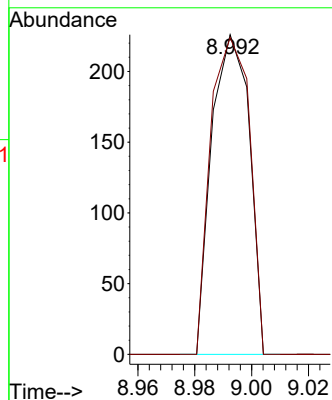
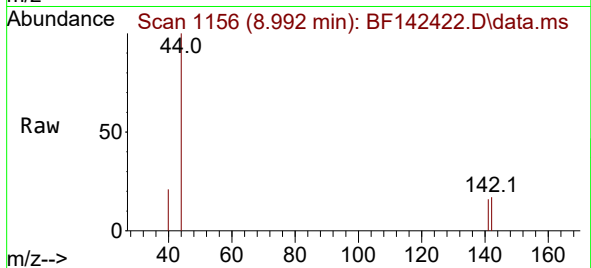




#37
2-Methylnaphthalene
Concen: 0.010 ng
RT: 8.992 min Scan# 1156
Delta R.T. 0.088 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

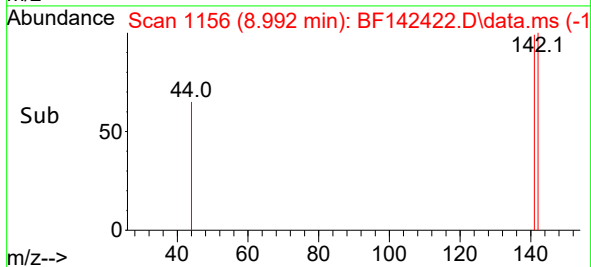
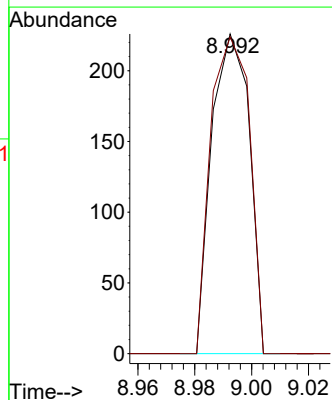
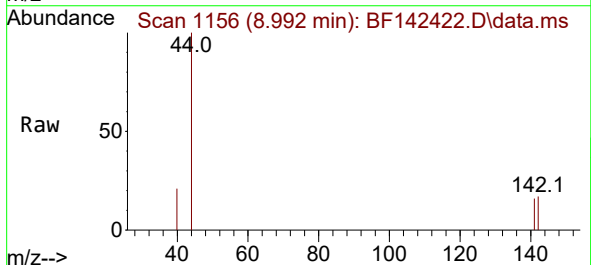
Instrument :
BNA_F
ClientSampleId :
PB167943TB

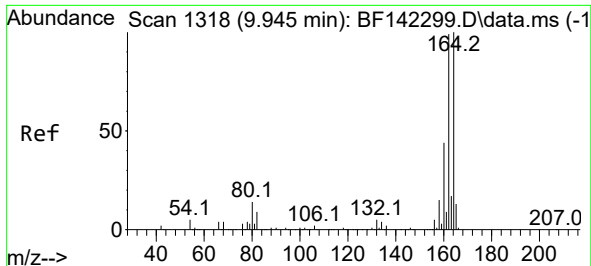
Tgt Ion:142 Resp: 207
Ion Ratio Lower Upper
142 100
141 99.1 69.4 104.2



#38
1-Methylnaphthalene
Concen: 0.010 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

Tgt Ion:142 Resp: 207
Ion Ratio Lower Upper
142 100
141 99.1 72.5 108.7

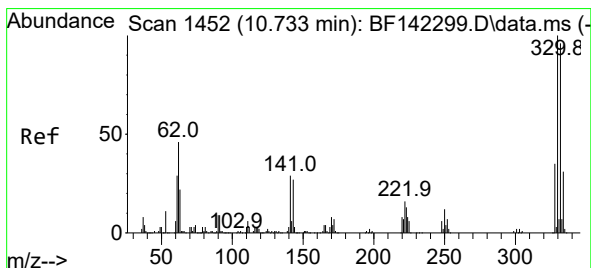
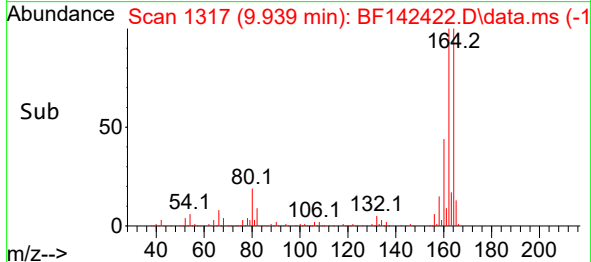
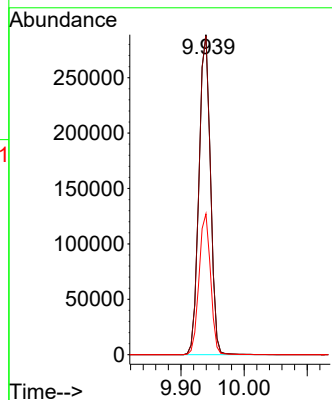
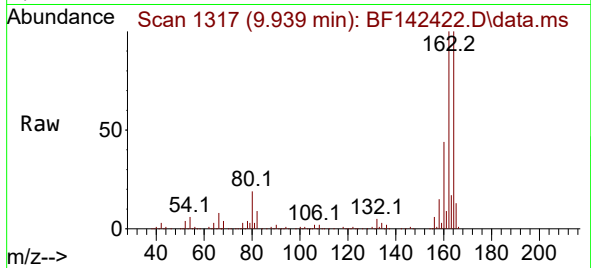




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

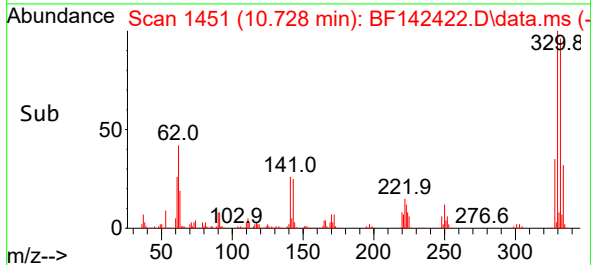
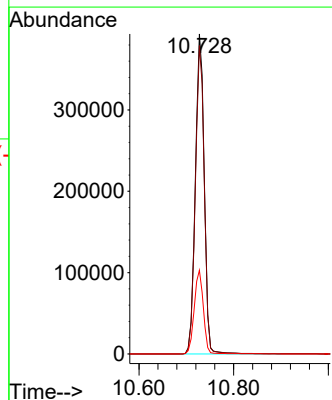
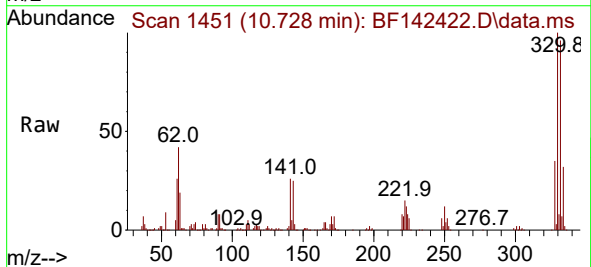
Instrument :
BNA_F
ClientSampleId :
PB167943TB

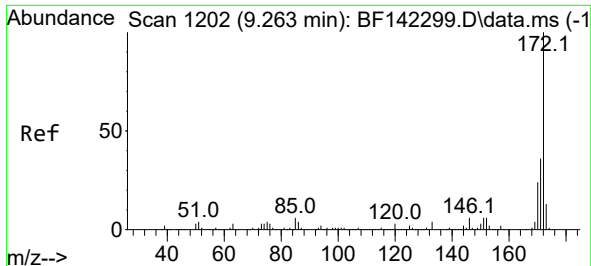
Tgt Ion:164 Resp: 364047
Ion Ratio Lower Upper
164 100
162 99.7 79.2 118.8
160 44.0 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 146.445 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

Tgt Ion:330 Resp: 514724
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 26.8 24.9 37.3





#45

2-Fluorobiphenyl

Concen: 74.674 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142422.D

Acq: 16 May 2025 12:40

Instrument :

BNA_F

ClientSampleId :

PB167943TB

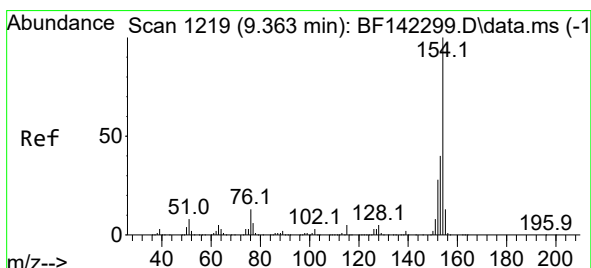
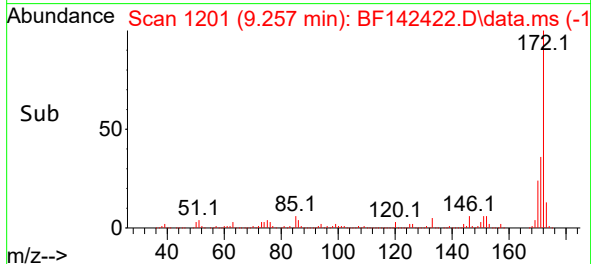
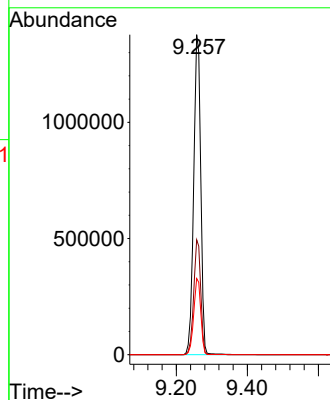
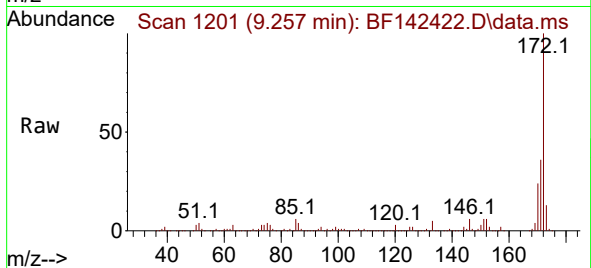
Tgt Ion:172 Resp: 1906527

Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 0.023 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF142422.D

Acq: 16 May 2025 12:40

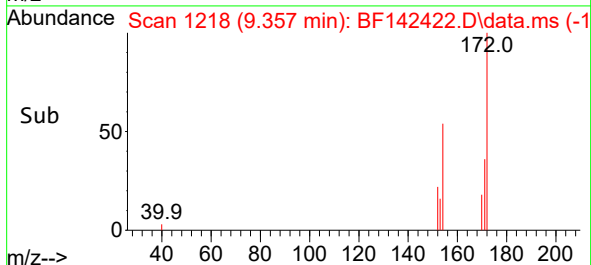
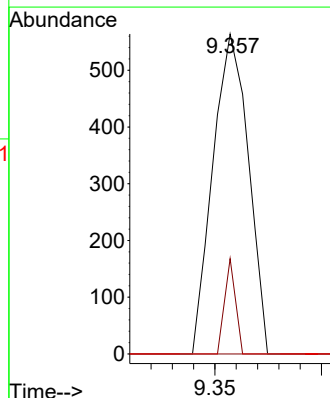
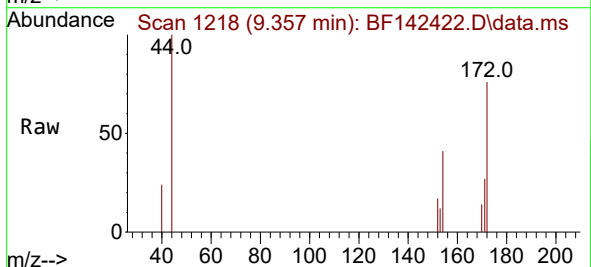
Tgt Ion:154 Resp: 654

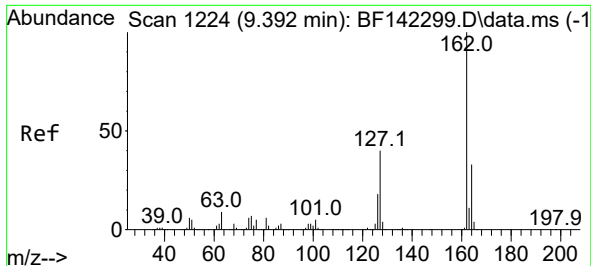
Ion Ratio Lower Upper

154 100

153 29.8 20.5 60.5

76 0.0 0.0 32.8





#47

2-Chloronaphthalene

Concen: 0.015 ng

RT: 9.381 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142422.D

Acq: 16 May 2025 12:40

Instrument :

BNA_F

ClientSampleId :

PB167943TB

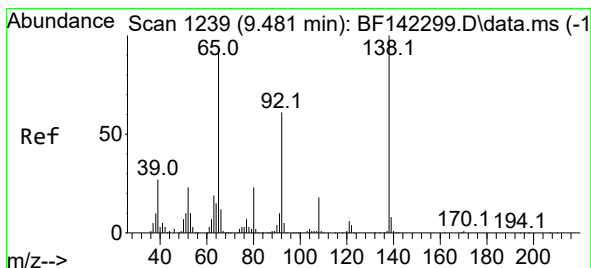
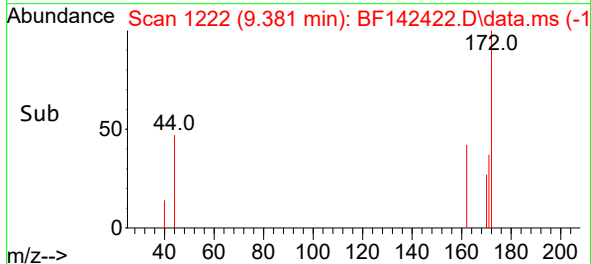
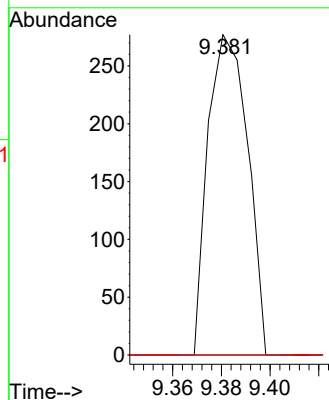
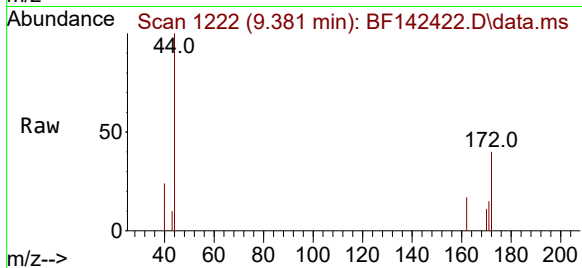
Tgt Ion:162 Resp: 314

Ion Ratio Lower Upper

162 100

127 0.0 32.3 48.5#

164 0.0 26.6 40.0#



#48

2-Nitroaniline

Concen: 0.557 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.224 min

Lab File: BF142422.D

Acq: 16 May 2025 12:40

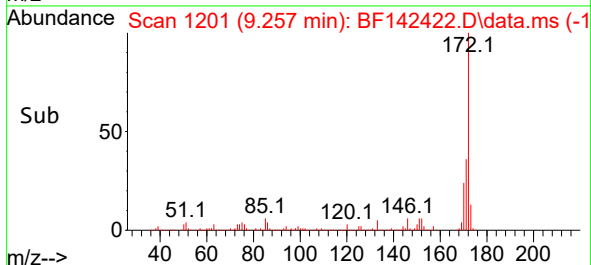
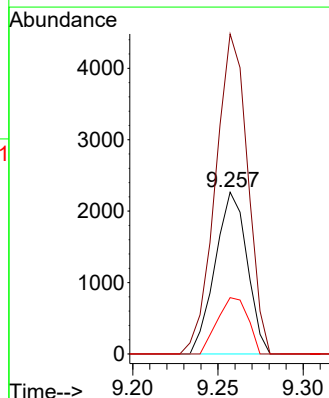
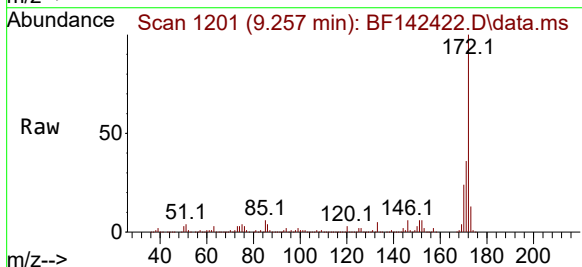
Tgt Ion: 65 Resp: 2964

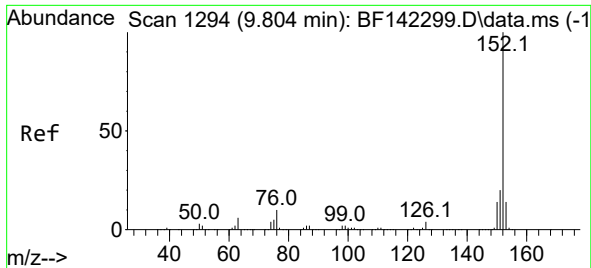
Ion Ratio Lower Upper

65 100

92 197.7 52.3 78.5#

138 34.8 85.6 128.4#





#49

Acenaphthylene

Concen: 0.010 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142422.D

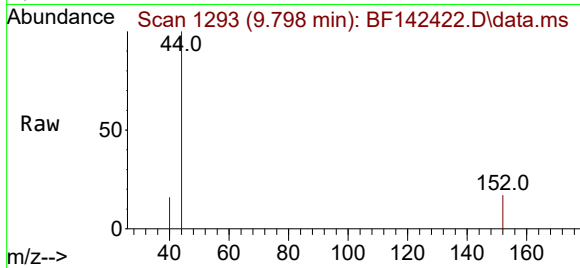
Acq: 16 May 2025 12:40

Instrument :

BNA_F

ClientSampleId :

PB167943TB



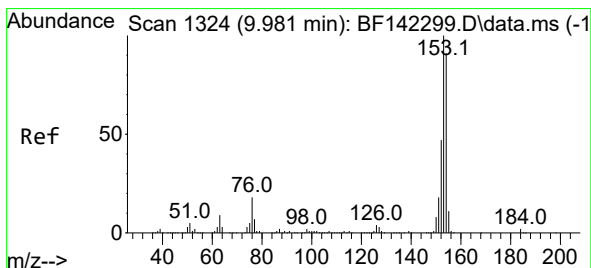
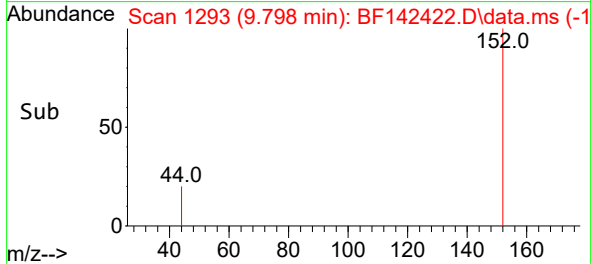
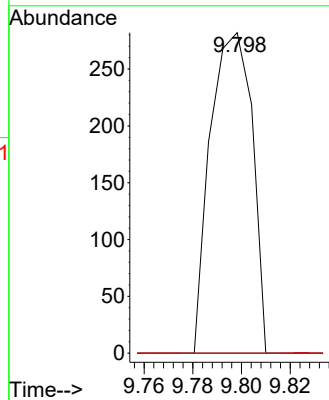
Tgt Ion:152 Resp: 337

Ion Ratio Lower Upper

152 100

151 0.0 16.0 24.0#

153 0.0 10.8 16.2#



#52

Acenaphthene

Concen: 0.082 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.041 min

Lab File: BF142422.D

Acq: 16 May 2025 12:40

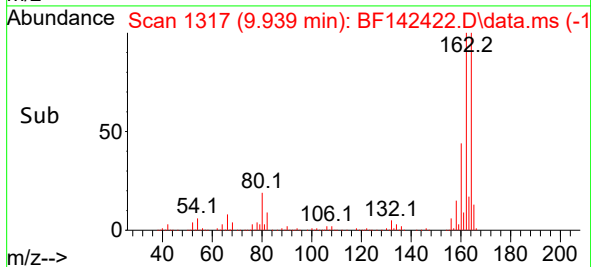
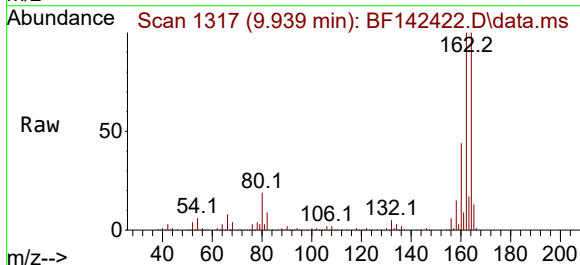
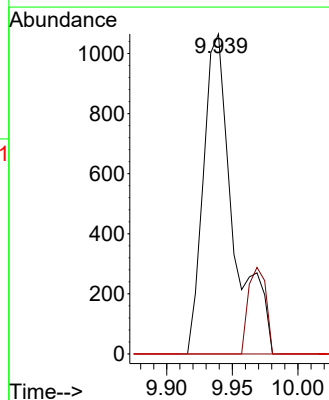
Tgt Ion:154 Resp: 1702

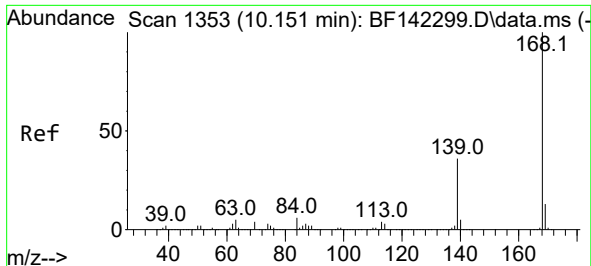
Ion Ratio Lower Upper

154 100

153 0.0 88.0 132.0#

152 0.0 41.6 62.4#

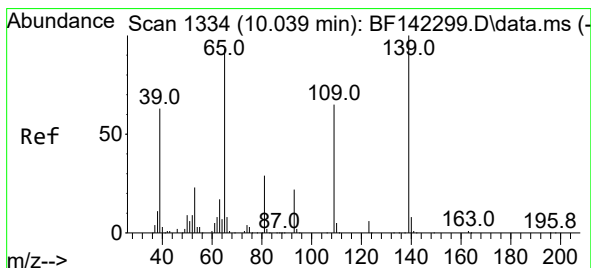
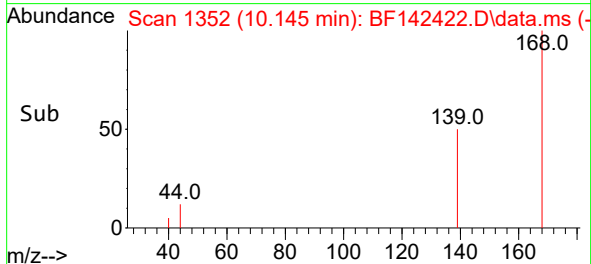
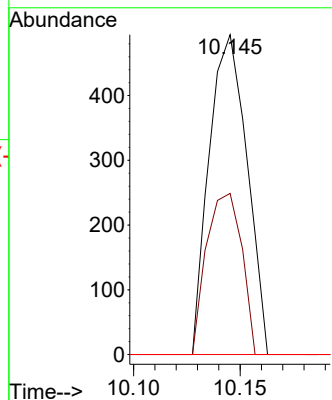
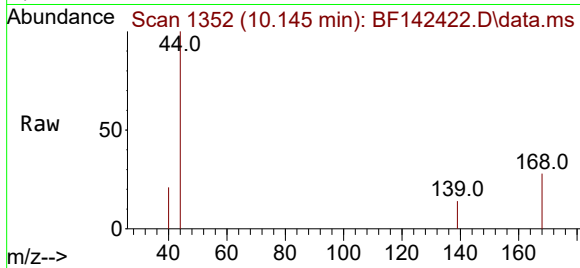




#55
Dibenzofuran
Concen: 0.020 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

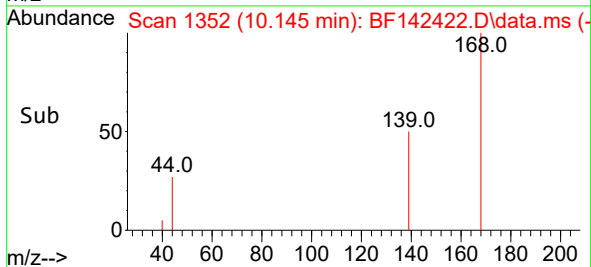
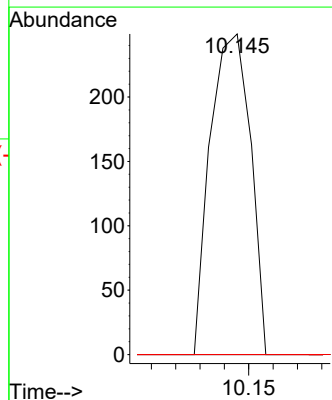
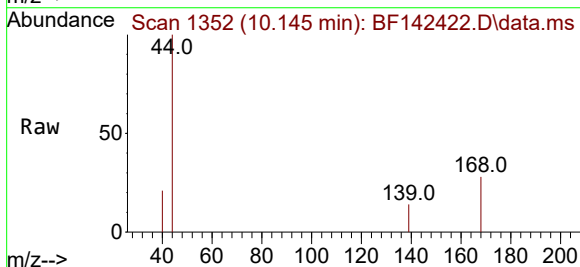
Instrument :
BNA_F
ClientSampleId :
PB167943TB

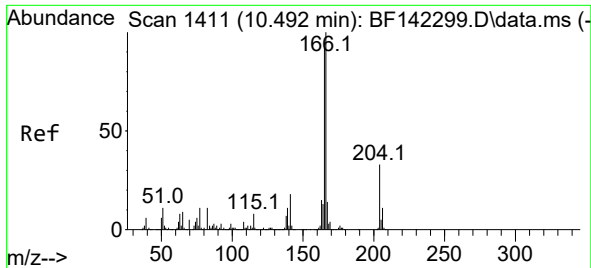
Tgt Ion:168 Resp: 610
Ion Ratio Lower Upper
168 100
139 50.4 29.0 43.4#
169 0.0 10.7 16.1#



#56
4-Nitrophenol
Concen: 0.074 ng
RT: 10.145 min Scan# 1352
Delta R.T. 0.106 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

Tgt Ion:139 Resp: 286
Ion Ratio Lower Upper
139 100
109 0.0 45.3 85.3#
65 0.0 73.9 113.9#

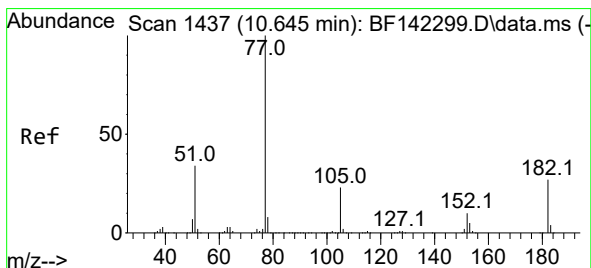
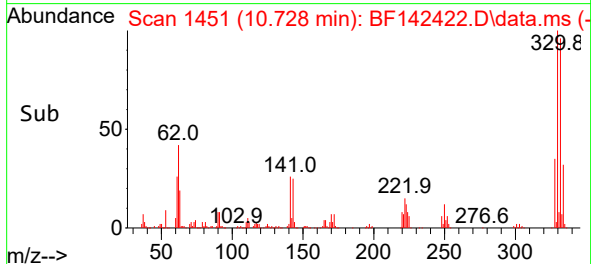
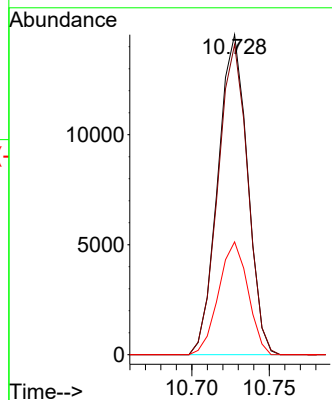
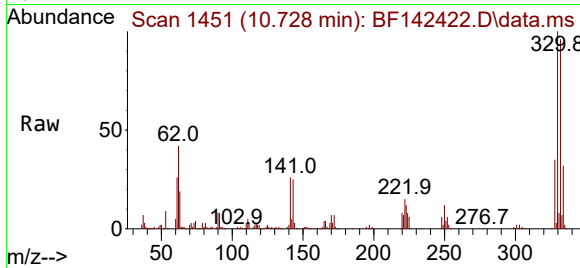




#58
 Fluorene
 Concen: 0.822 ng
 RT: 10.728 min Scan# 1411
 Delta R.T. 0.235 min
 Lab File: BF142422.D
 Acq: 16 May 2025 12:40

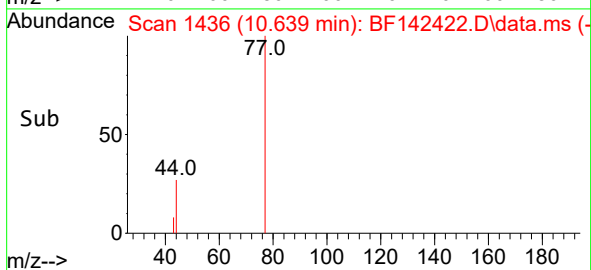
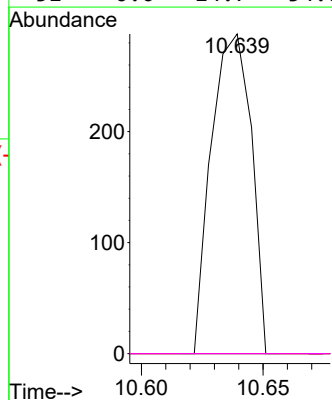
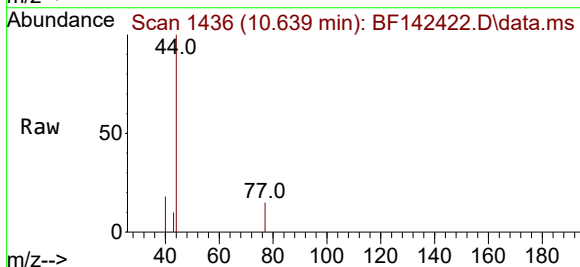
Instrument :
 BNA_F
 ClientSampleId :
 PB167943TB

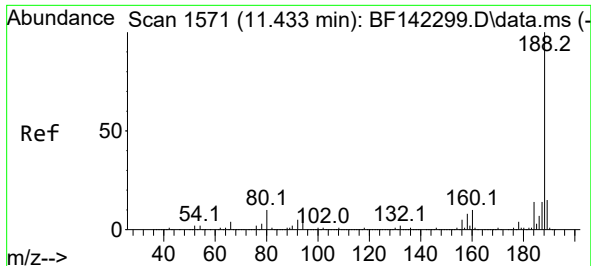
Tgt Ion:166 Resp: 19326
 Ion Ratio Lower Upper
 166 100
 165 96.9 74.0 111.0
 167 35.2 10.9 16.3#



#63
 Azobenzene
 Concen: 0.015 ng
 RT: 10.639 min Scan# 1436
 Delta R.T. -0.006 min
 Lab File: BF142422.D
 Acq: 16 May 2025 12:40

Tgt Ion: 77 Resp: 329
 Ion Ratio Lower Upper
 77 100
 182 0.0 6.9 46.9#
 105 0.0 2.7 42.7#
 51 0.0 14.7 54.7#

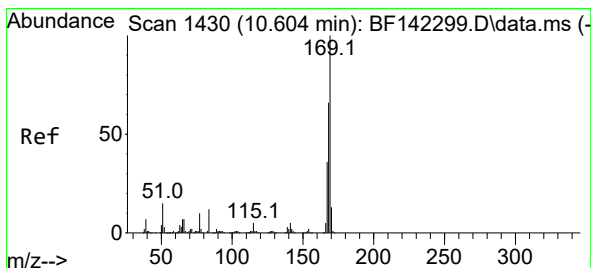
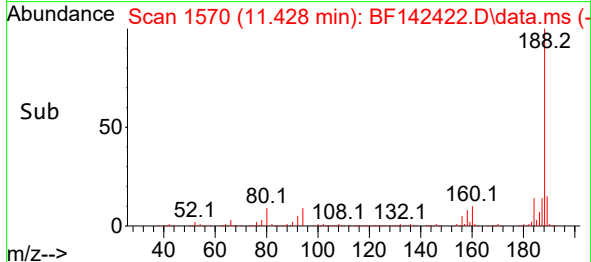
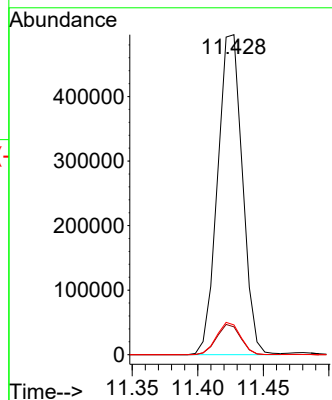
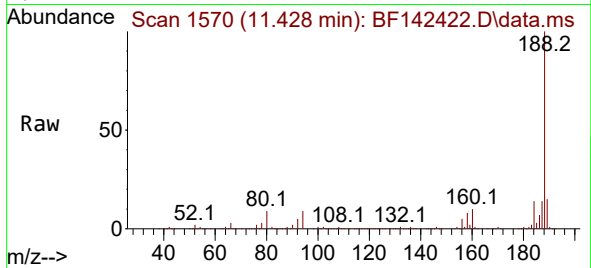




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

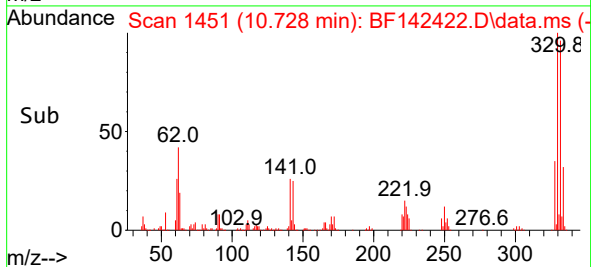
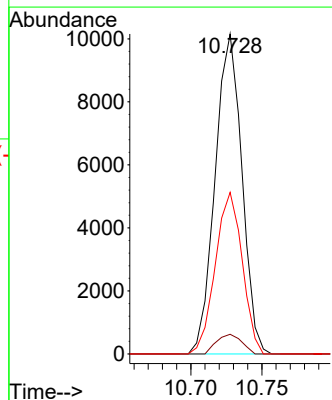
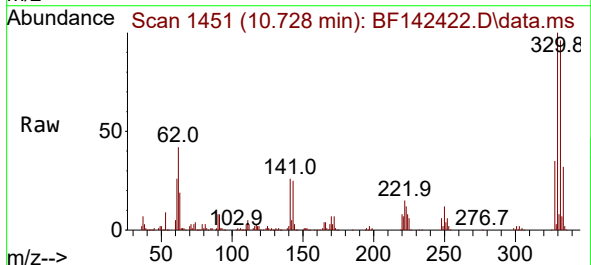
Instrument :
BNA_F
ClientSampleId :
PB167943TB

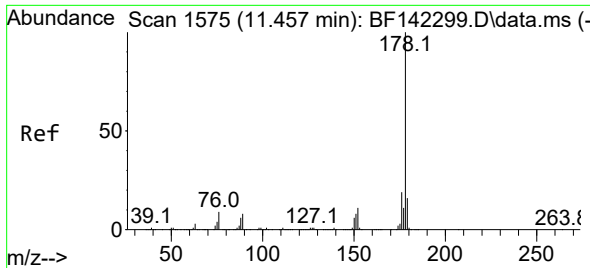
Tgt Ion:188 Resp: 651928
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 9.3 7.9 11.9



#66
n-Nitrosodiphenylamine
Concen: 0.614 ng
RT: 10.728 min Scan# 1451
Delta R.T. 0.124 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

Tgt Ion:169 Resp: 13311
Ion Ratio Lower Upper
169 100
168 6.2 53.2 79.8#
167 50.5 28.9 43.3#

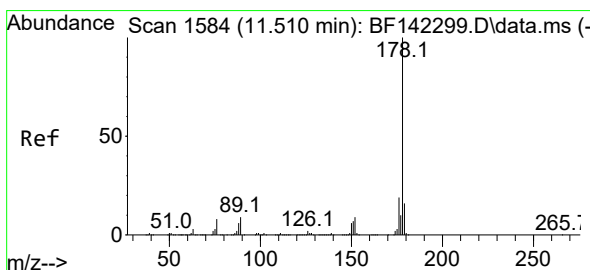
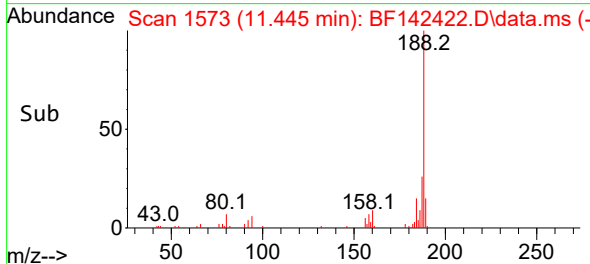
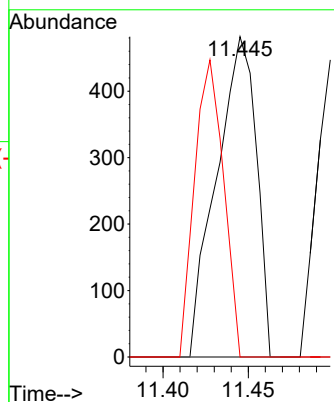
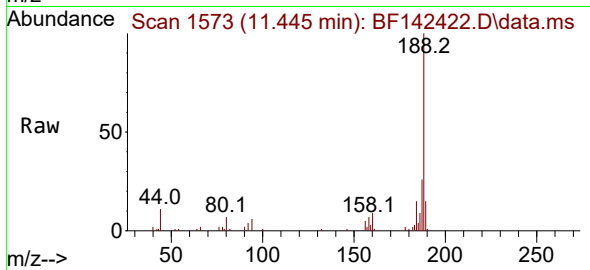




#71
Phenanthrene
Concen: 0.023 ng
RT: 11.445 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

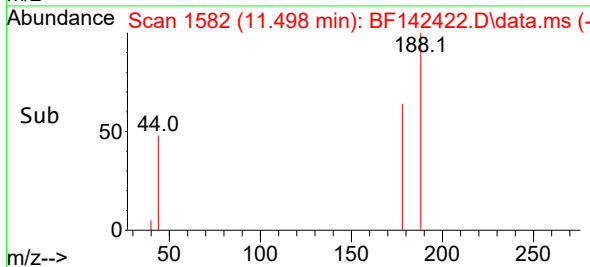
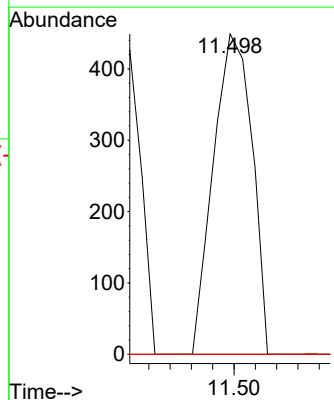
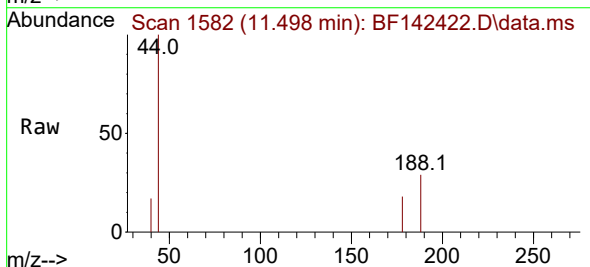
Instrument :
BNA_F
ClientSampleId :
PB167943TB

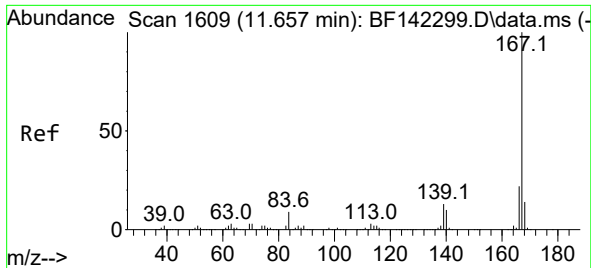
Tgt Ion:178 Resp: 785
Ion Ratio Lower Upper
178 100
176 0.0 15.5 23.3#
179 0.0 12.6 18.8#



#72
Anthracene
Concen: 0.016 ng
RT: 11.498 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

Tgt Ion:178 Resp: 568
Ion Ratio Lower Upper
178 100
176 0.0 15.3 22.9#
179 0.0 12.6 18.8#

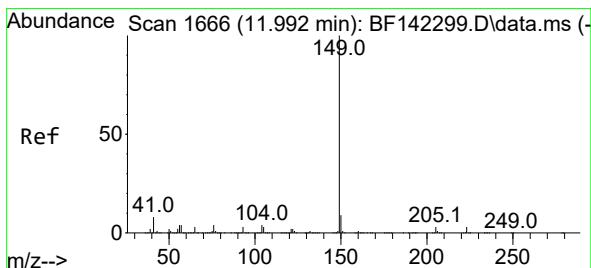
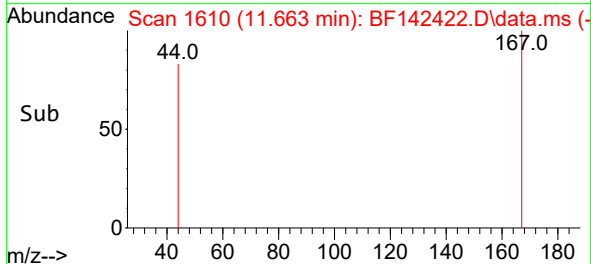
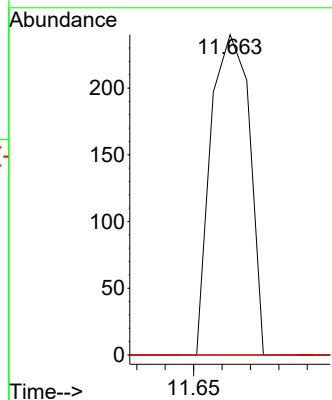
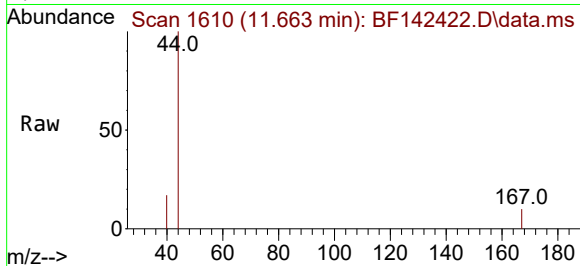




#73
 Carbazole
 Concen: 0.007 ng
 RT: 11.663 min Scan# 1610
 Delta R.T. 0.006 min
 Lab File: BF142422.D
 Acq: 16 May 2025 12:40

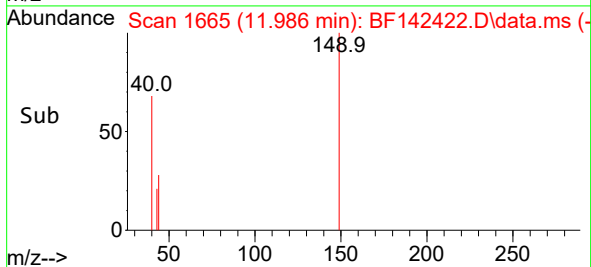
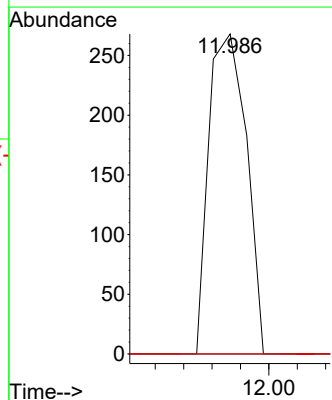
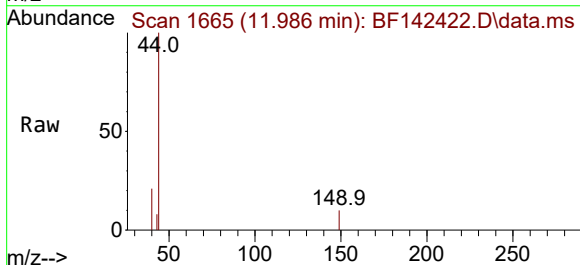
Instrument :
 BNA_F
 ClientSampleId :
 PB167943TB

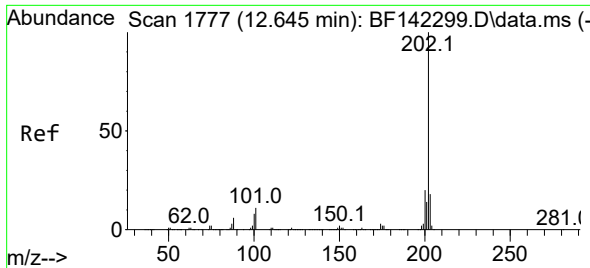
Tgt Ion:167 Resp: 227
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.2 25.8#
 139 0.0 10.3 15.5#



#74
 Di-n-butylphthalate
 Concen: 0.007 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142422.D
 Acq: 16 May 2025 12:40

Tgt Ion:149 Resp: 246
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.5 11.3#
 104 0.0 3.6 5.4#

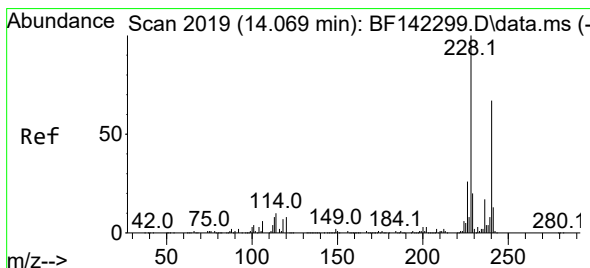
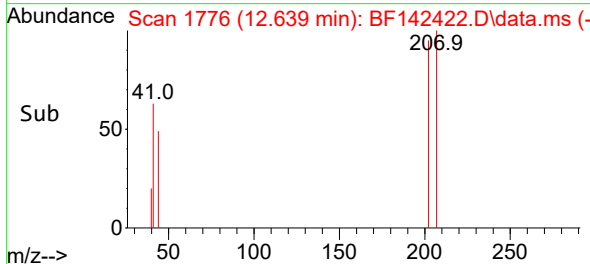
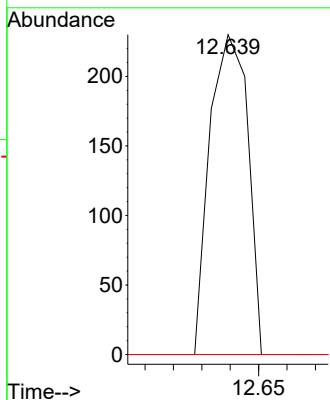
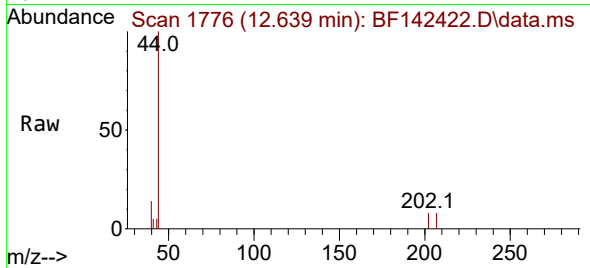




#75
Fluoranthene
Concen: 0.006 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

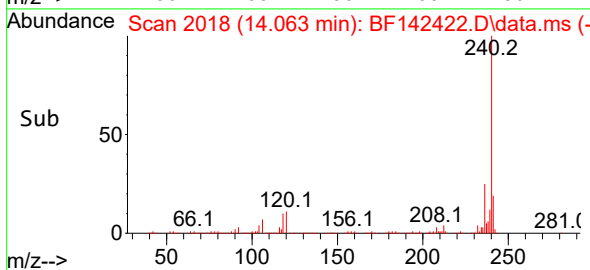
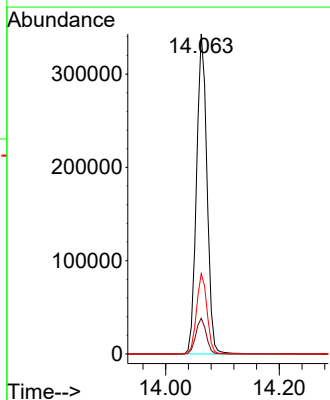
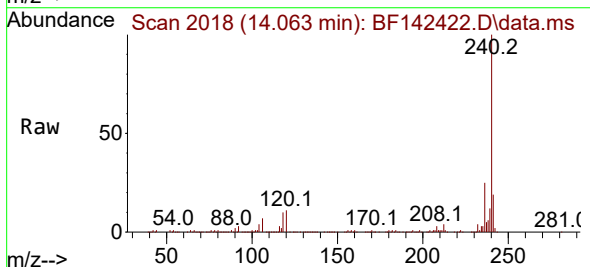
Instrument :
BNA_F
ClientSampleId :
PB167943TB

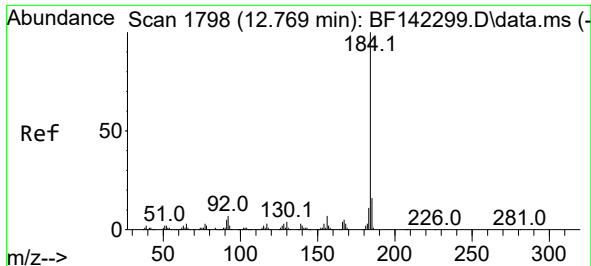
Tgt Ion:202	Resp:	214
Ion Ratio	Lower	Upper
202	100	
101	0.0	31.4
203	0.0	37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

Tgt Ion:240	Resp:	441188
Ion Ratio	Lower	Upper
240	100	
120	11.2	14.5
236	25.1	30.0

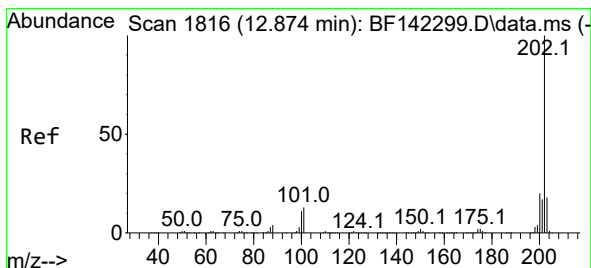
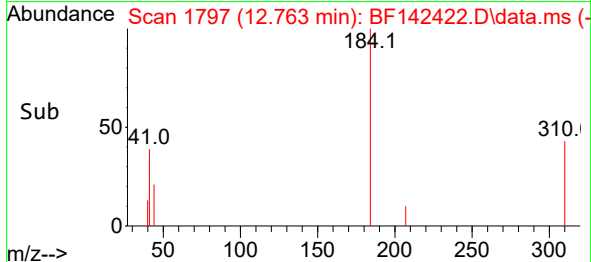
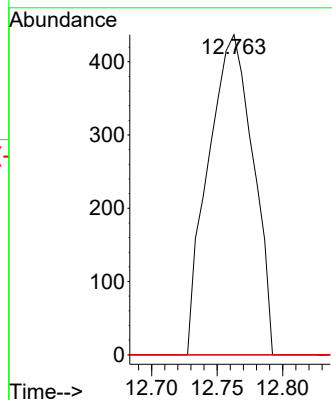
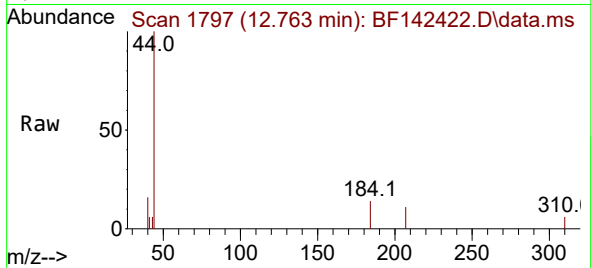




#77
Benzidine
Concen: 0.129 ng
RT: 12.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

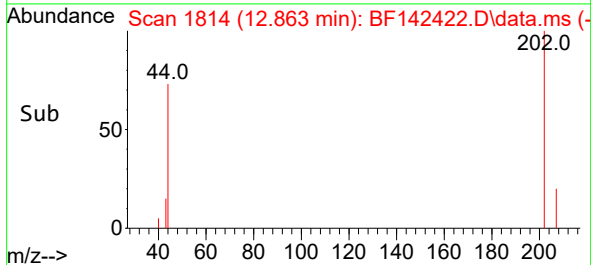
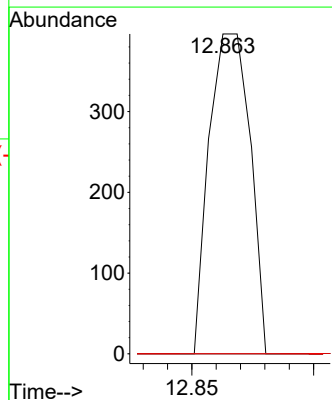
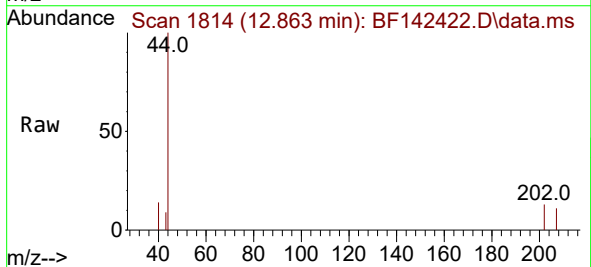
Instrument :
BNA_F
ClientSampleId :
PB167943TB

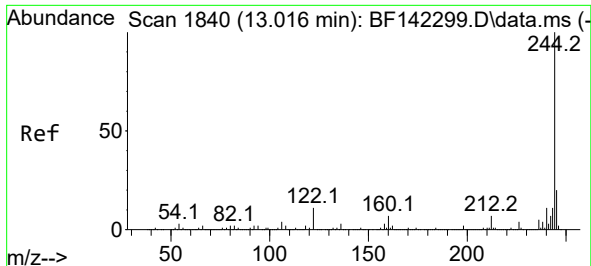
Tgt Ion:184 Resp: 1038
Ion Ratio Lower Upper
184 100
185 0.0 12.6 18.8#
183 0.0 8.6 12.8#



#78
Pyrene
Concen: 0.012 ng
RT: 12.863 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

Tgt Ion:202 Resp: 464
Ion Ratio Lower Upper
202 100
200 0.0 16.2 24.4#
203 0.0 14.3 21.5#

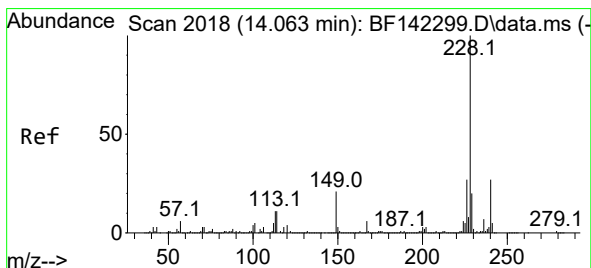
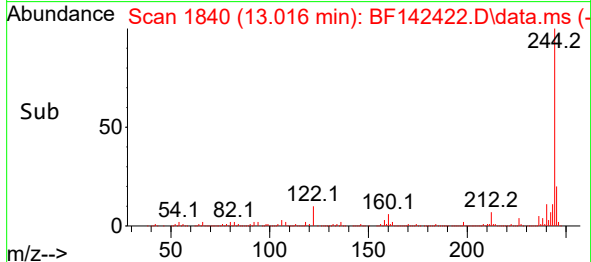
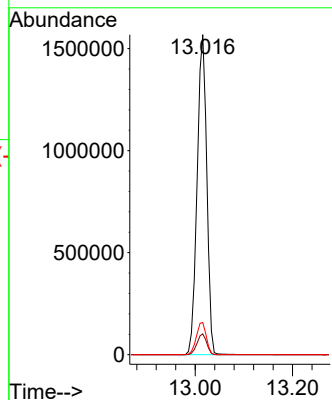
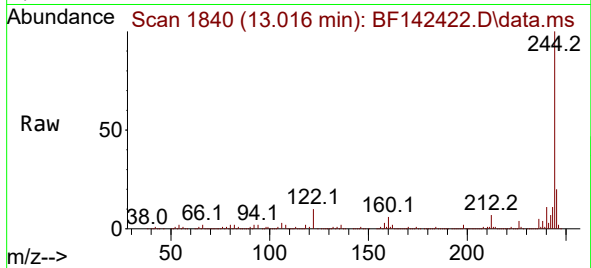




#79
 Terphenyl-d14
 Concen: 72.809 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF142422.D
 Acq: 16 May 2025 12:40

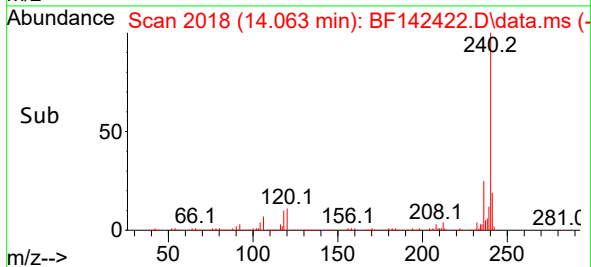
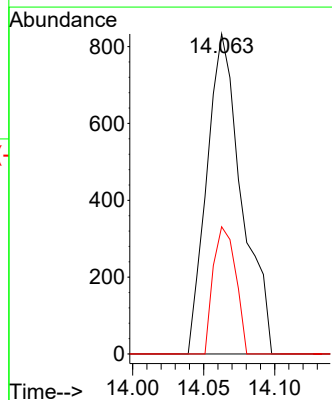
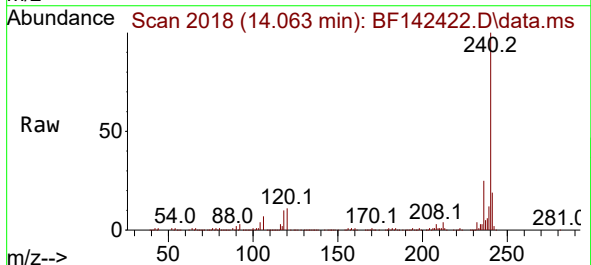
Instrument :
 BNA_F
 ClientSampleId :
 PB167943TB

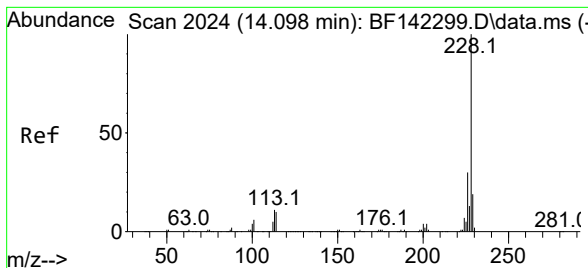
Tgt Ion:244 Resp: 2170288
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.0 9.0 13.4



#81
 Benzo(a)anthracene
 Concen: 0.050 ng
 RT: 14.063 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: BF142422.D
 Acq: 16 May 2025 12:40

Tgt Ion:228 Resp: 1426
 Ion Ratio Lower Upper
 228 100
 226 0.0 21.5 32.3#
 229 39.7 15.9 23.9#





#83

Chrysene

Concen: 0.054 ng

RT: 14.063 min Scan# 20

Delta R.T. -0.035 min

Lab File: BF142422.D

Acq: 16 May 2025 12:40

Instrument :

BNA_F

ClientSampleId :

PB167943TB

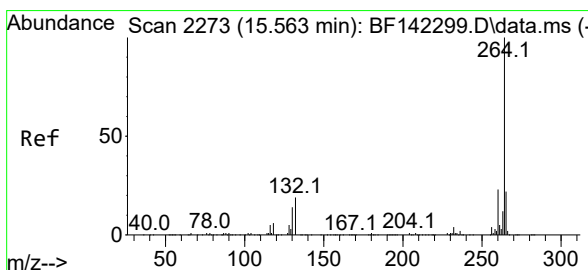
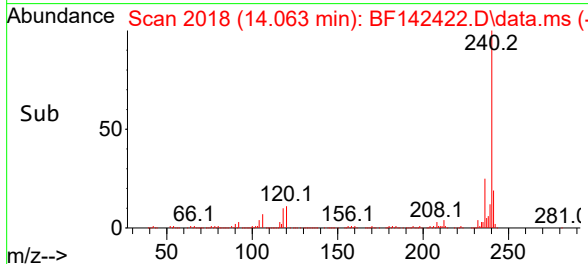
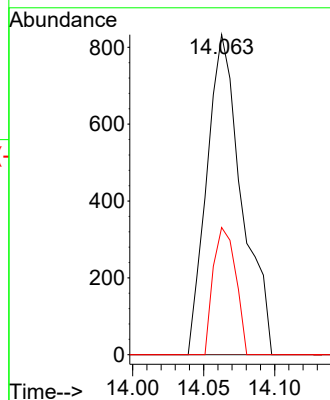
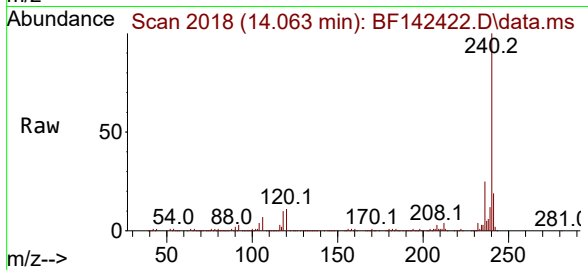
Tgt Ion:228 Resp: 1426

Ion Ratio Lower Upper

228 100

226 0.0 23.9 35.9#

229 39.7 15.4 23.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142422.D

Acq: 16 May 2025 12:40

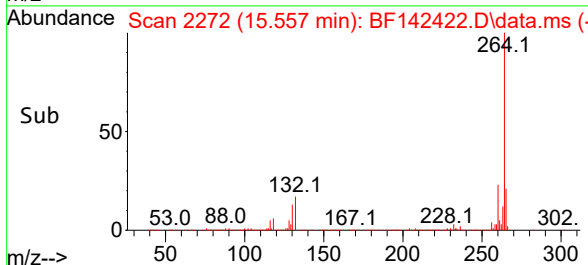
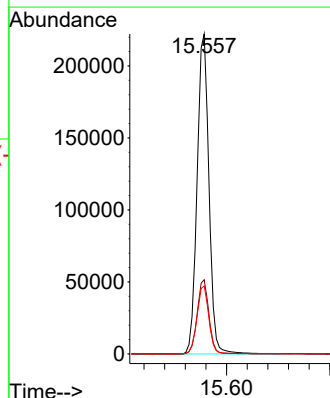
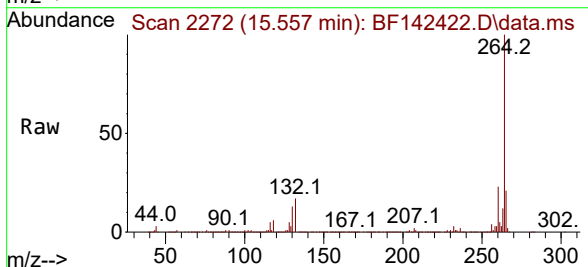
Tgt Ion:264 Resp: 353480

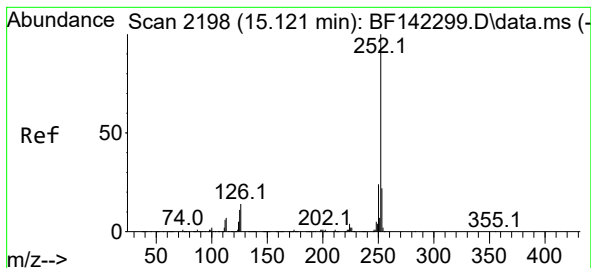
Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.3 17.5 26.3





#88

Benzo(b)fluoranthene

Concen: 0.005 ng

RT: 15.110 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF142422.D

Acq: 16 May 2025 12:40

Instrument :

BNA_F

ClientSampleId :

PB167943TB

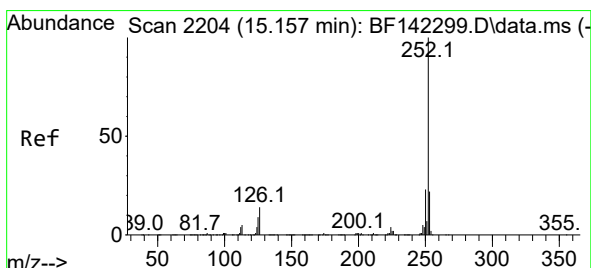
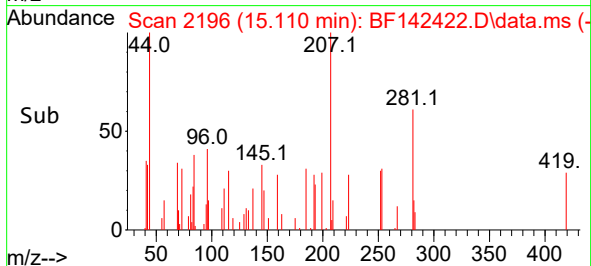
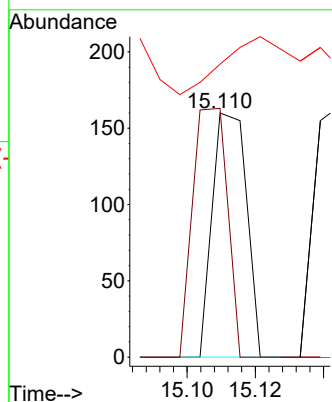
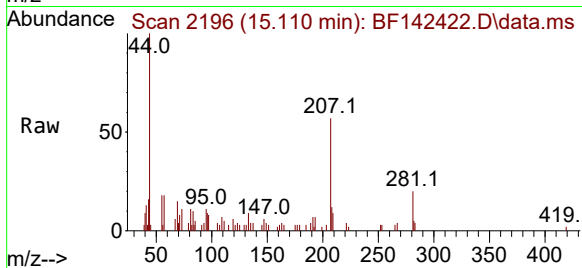
Tgt Ion:252 Resp: 111

Ion Ratio Lower Upper

252 100

253 101.9 17.7 26.5#

125 120.0 8.7 13.1#



#89

Benzo(k)fluoranthene

Concen: 0.009 ng

RT: 15.145 min Scan# 2202

Delta R.T. -0.012 min

Lab File: BF142422.D

Acq: 16 May 2025 12:40

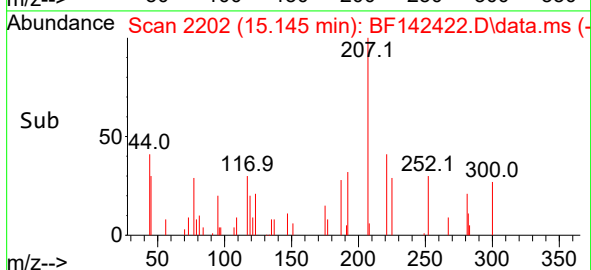
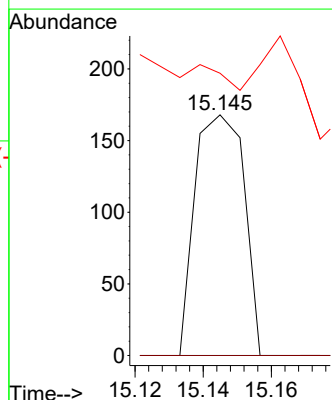
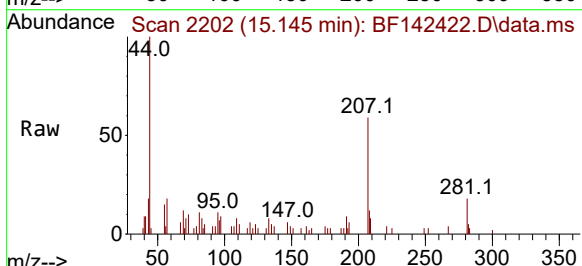
Tgt Ion:252 Resp: 168

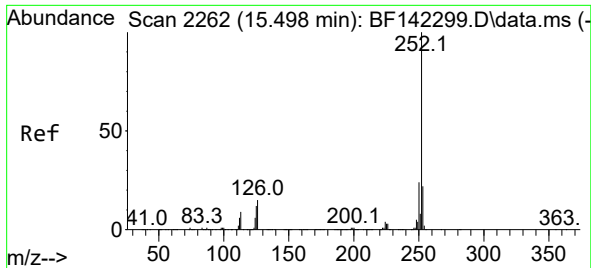
Ion Ratio Lower Upper

252 100

253 0.0 17.6 26.4#

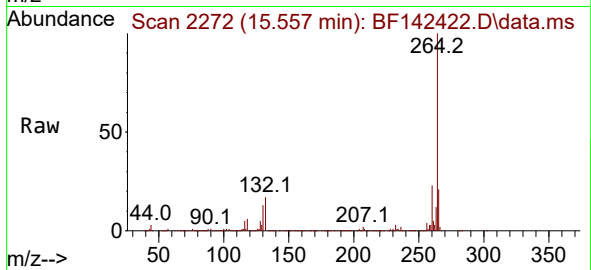
125 117.3 8.1 12.1#





#90
Benzo(a)pyrene
Concen: 0.069 ng
RT: 15.557 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF142422.D
Acq: 16 May 2025 12:40

Instrument :
BNA_F
ClientSampleId :
PB167943TB



Tgt Ion:252 Resp: 1322
Ion Ratio Lower Upper
252 100
253 41.5 17.8 26.6#
125 31.5 9.4 14.0#

