

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142439.D
 Acq On : 16 May 2025 21:08
 Operator : RC/JU
 Sample : Q2043-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12000

Quant Time: May 16 22:43:52 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	92726	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	320444	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	115518	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	103903	20.000	ng	# 0.06
76) Chrysene-d12	14.092	240	124174	20.000	ng	# 0.02
86) Perylene-d12	15.580	264	131325	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	447712	82.423	ng	0.00
7) Phenol-d6	6.522	99	528360	79.087	ng	0.00
23) Nitrobenzene-d5	7.457	82	285747	54.384	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	104374	93.583	ng	0.03
45) 2-Fluorobiphenyl	9.257	172	546888	67.504	ng	0.00
79) Terphenyl-d14	13.057	244	321022	38.265	ng	0.04
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	40700	9.849	ng	# 78
24) Nitrobenzene	7.440	77	9960	2.011	ng	# 46
25) Isophorone	7.457	82	279922	28.134	ng	# 62
26) 2-Nitrophenol	7.857	139	192	4.161	ng	# 23
32) Benzoic acid	7.869	122	118	6.060	ng	# 1
35) Caprolactam	8.604	113	7607	6.137	ng	# 1
46) 1,1'-Biphenyl	9.363	154	28460	3.213	ng	94
48) 2-Nitroaniline	9.498	65	6254	3.704	ng	# 1
49) Acenaphthylene	9.816	152	22139	2.009	ng	# 1
51) 2,6-Dinitrotoluene	9.751	165	12499	9.002	ng	# 39
53) 3-Nitroaniline	9.904	138	20467	12.569	ng	# 25
54) 2,4-Dinitrophenol	9.998	184	310	8.048	ng	# 1
55) Dibenzofuran	10.157	168	27333	2.795	ng	# 1
56) 4-Nitrophenol	10.063	139	9127	7.447	ng	# 1
57) 2,4-Dinitrotoluene	10.128	165	9403	5.280	ng	# 50
58) Fluorene	10.510	166	29731	3.984	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	10.275	232	3654	2.044	ng	# 1
60) Diethylphthalate	10.375	149	17968	2.426	ng	# 17
61) 4-Chlorophenyl-phenyle...	10.528	204	12094	3.359	ng	# 1
62) 4-Nitroaniline	10.428	138	46988	36.407	ng	94
63) Azobenzene	10.675	77	50735	7.167	ng	# 14
65) 4,6-Dinitro-2-methylph...	10.581	198	1963	10.631	ng	# 1
66) n-Nitrosodiphenylamine	10.645	169	168728	48.801	ng	# 57
67) 4-Bromophenyl-phenylether	10.986	248	9005	7.647	ng	# 1
69) Atrazine	11.157	200	9234	10.132	ng	# 1
70) Pentachlorophenol	11.269	266	1924	2.824	ng	# 1
71) Phenanthrene	11.516	178	58552	10.751	ng	# 1
72) Anthracene	11.616	178	24195	4.324	ng	# 1
74) Di-n-butylphthalate	12.051	149	72273	13.690	ng	# 26
75) Fluoranthene	12.704	202	46115	8.470	ng	# 37
78) Pyrene	12.927	202	62695	5.672	ng	# 58
80) Butylbenzylphthalate	13.563	149	3609	4.693	ng	# 17
81) Benzo(a)anthracene	14.080	228	43180	5.370	ng	# 80
83) Chrysene	14.116	228	41706	5.571	ng	# 81
84) Bis(2-ethylhexyl)phtha...	14.069	149	127718	31.958	ng	# 81
85) Di-n-octyl phthalate	14.674	149	186094	28.398	ng	# 73

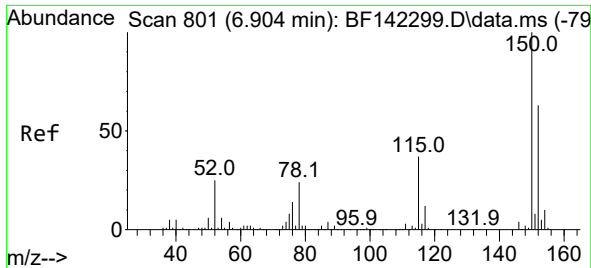
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142439.D
Acq On : 16 May 2025 21:08
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QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	15.139	252	59192	7.442	ng #	1
89) Benzo(k)fluoranthene	15.139	252	59192	8.132	ng #	1
90) Benzo(a)pyrene	15.516	252	27906	3.915	ng #	1

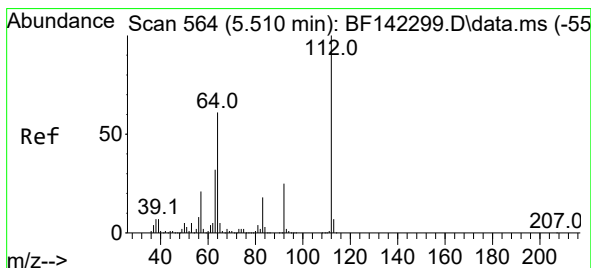
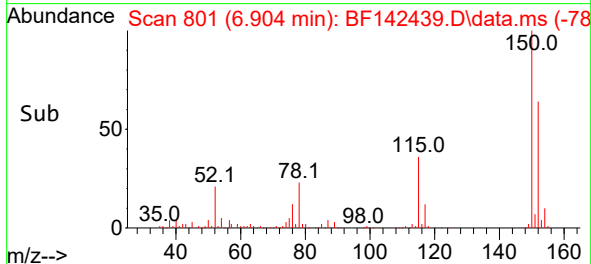
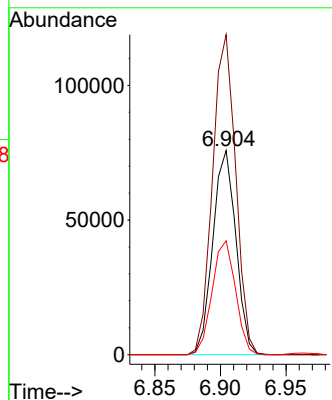
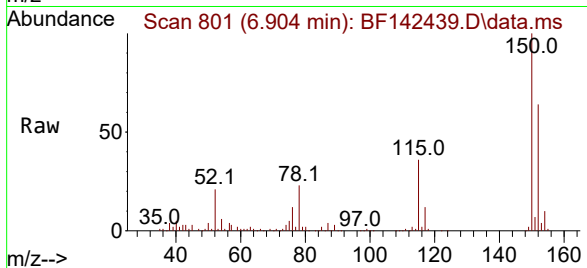
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142439.D
 Acq: 16 May 2025 21:08

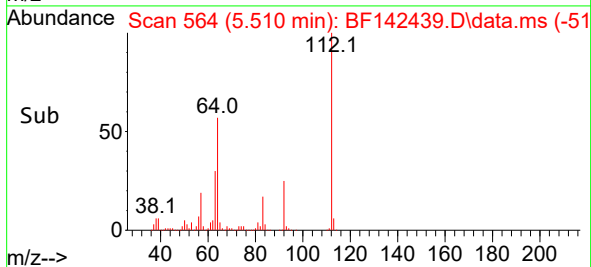
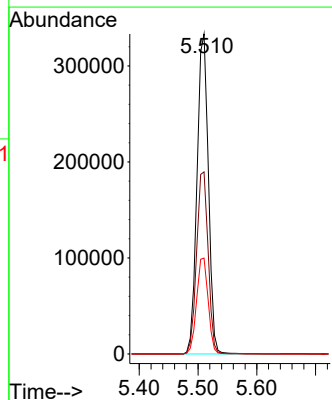
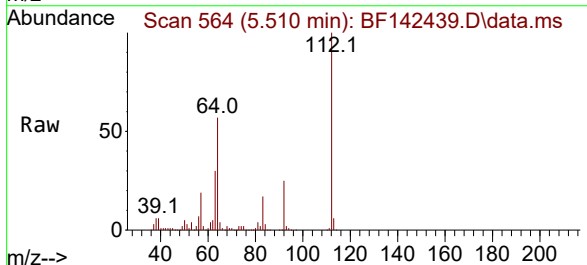
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 BNA_F
 ClientSampleId :
 72-12000

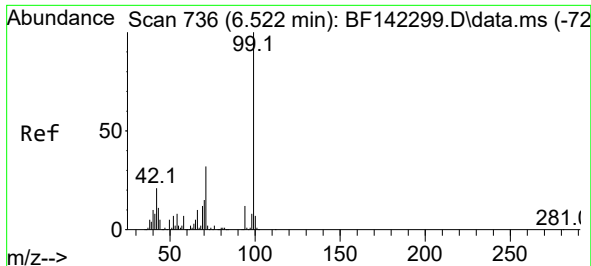
Tgt Ion:152 Resp: 92726
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.6 190.0
 115 55.8 47.3 70.9



#5
 2-Fluorophenol
 Concen: 82.423 ng
 RT: 5.510 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: BF142439.D
 Acq: 16 May 2025 21:08

Tgt Ion:112 Resp: 447712
 Ion Ratio Lower Upper
 112 100
 64 56.9 48.9 73.3
 63 29.9 25.6 38.4

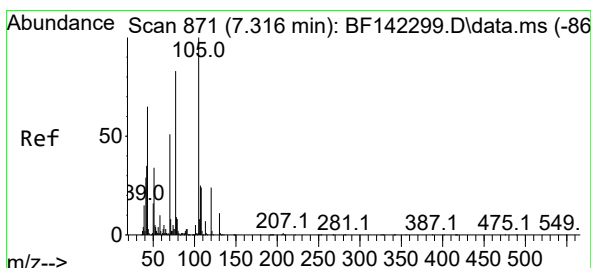
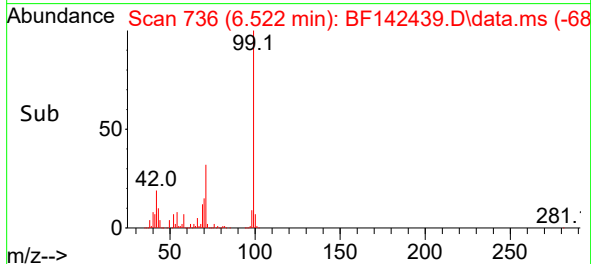
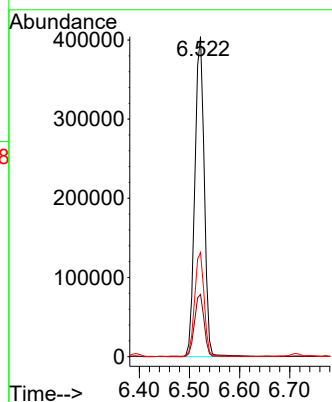
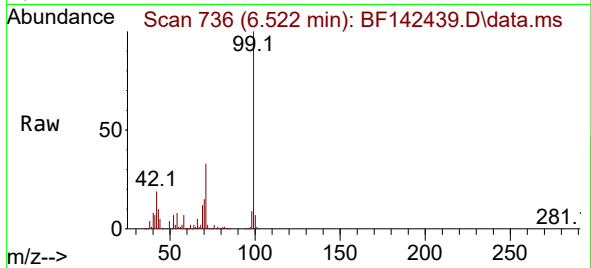




#7
Phenol-d6
Concen: 79.087 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

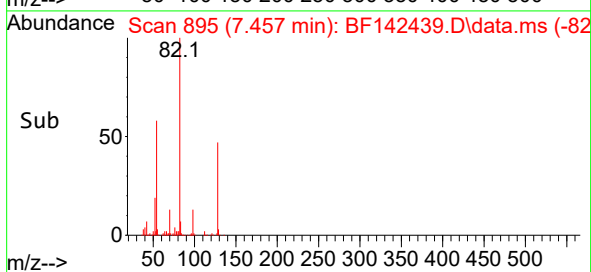
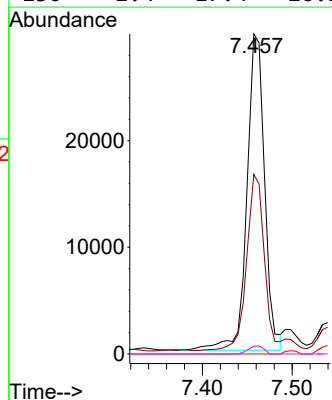
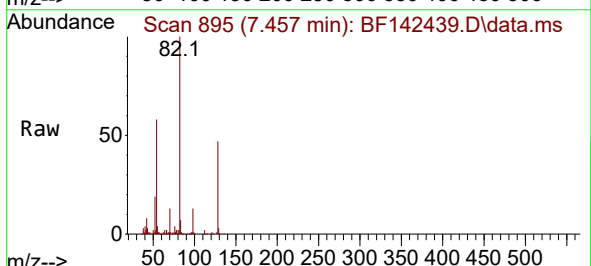
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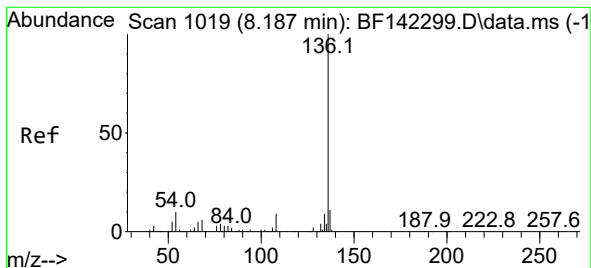
Tgt Ion: 99 Resp: 528360
Ion Ratio Lower Upper
99 100
42 19.4 17.0 25.4
71 32.6 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 9.849 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

Tgt Ion: 70 Resp: 40700
Ion Ratio Lower Upper
70 100
42 56.2 54.8 82.2
101 0.0 7.7 11.5#
130 2.4 17.4 26.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF142439.D

Acq: 16 May 2025 21:08

Instrument :

BNA_F

ClientSampleId :

72-12000

Tgt Ion:136 Resp: 320444

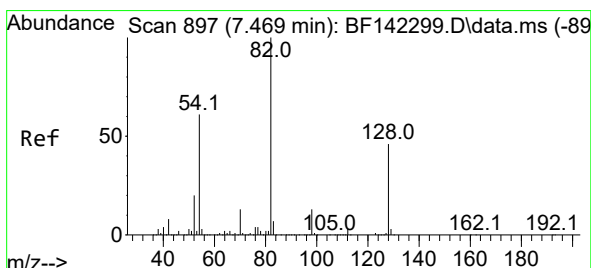
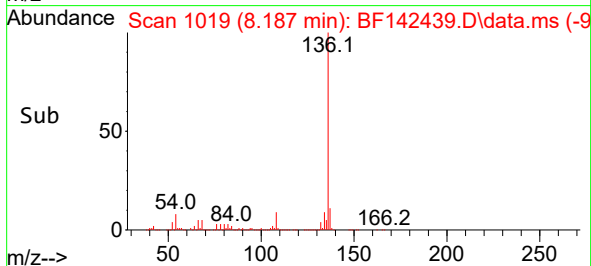
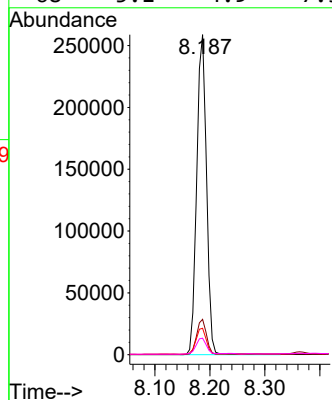
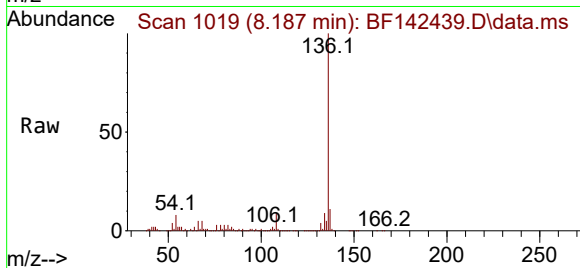
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.3 7.7 11.5

68 5.1 4.9 7.3



#23

Nitrobenzene-d5

Concen: 54.384 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF142439.D

Acq: 16 May 2025 21:08

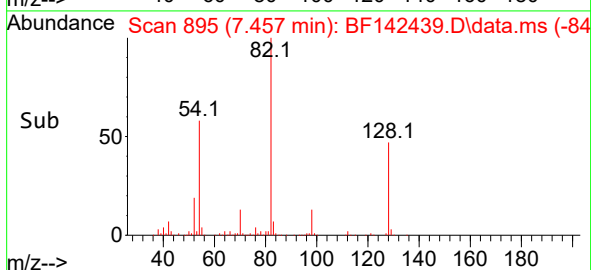
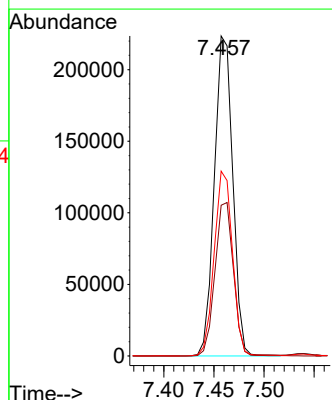
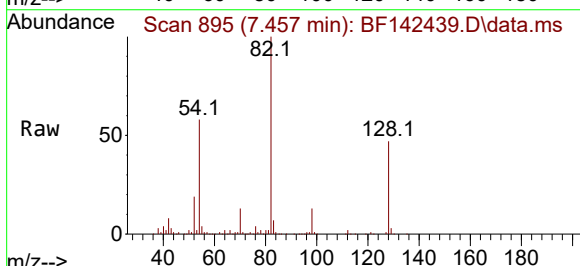
Tgt Ion: 82 Resp: 285747

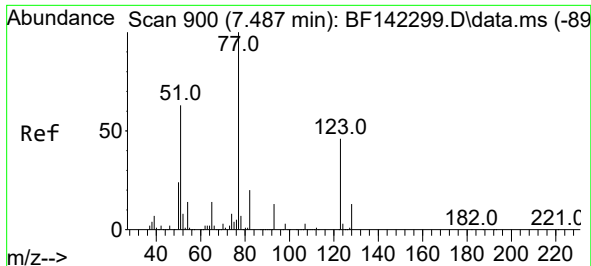
Ion Ratio Lower Upper

82 100

128 47.1 37.0 55.6

54 57.8 48.6 73.0

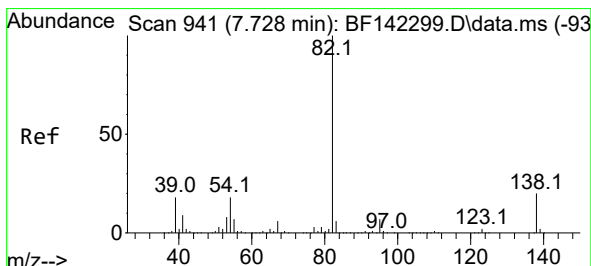
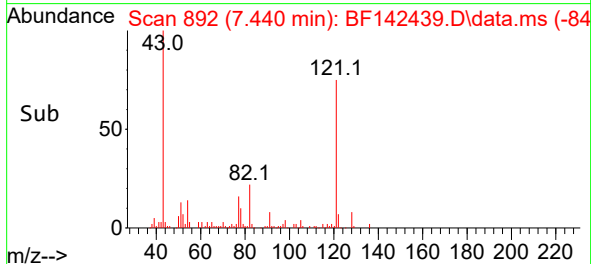
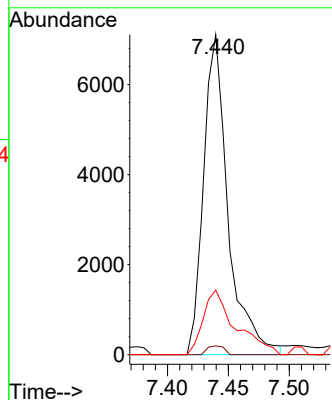
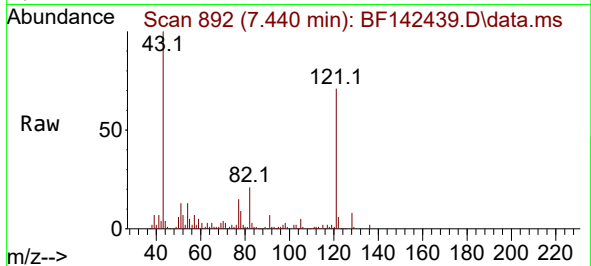




#24
Nitrobenzene
Concen: 2.011 ng
RT: 7.440 min Scan# 891
Delta R.T. -0.047 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

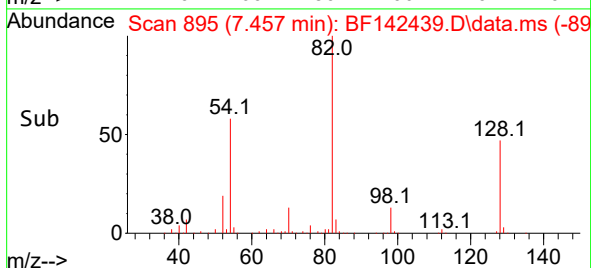
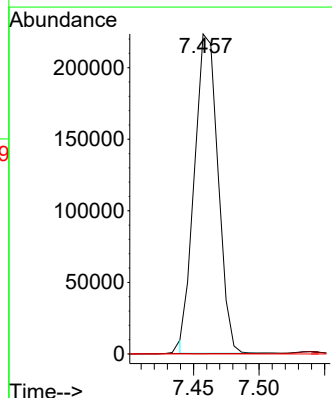
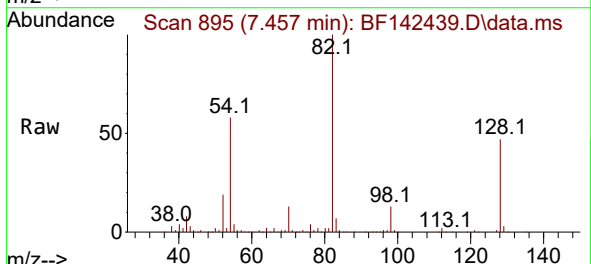
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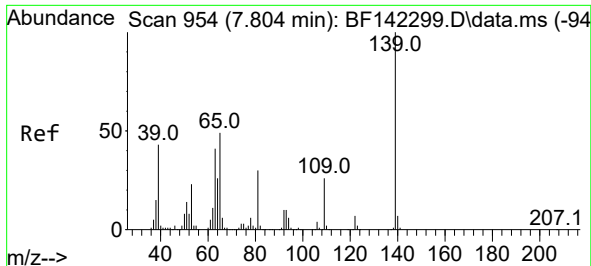
Tgt Ion: 77 Resp: 9960
Ion Ratio Lower Upper
77 100
123 2.8 37.8 56.8#
65 20.2 11.4 17.0#



#25
Isophorone
Concen: 28.134 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

Tgt Ion: 82 Resp: 279922
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.8#
138 0.0 16.1 24.1#

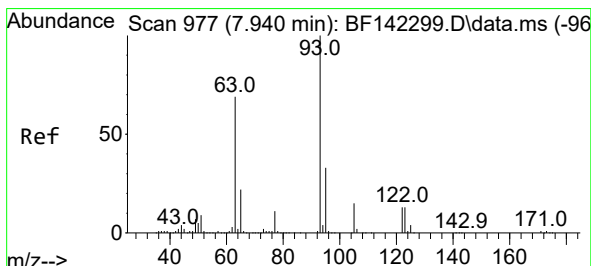
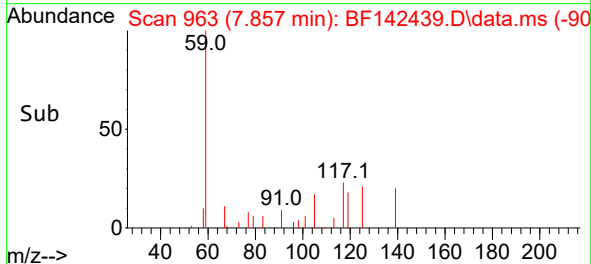
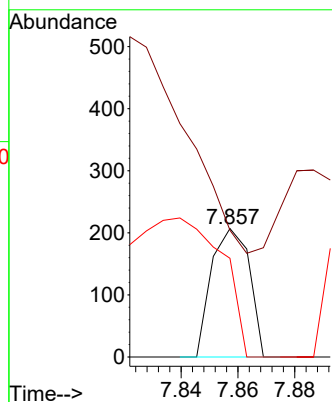
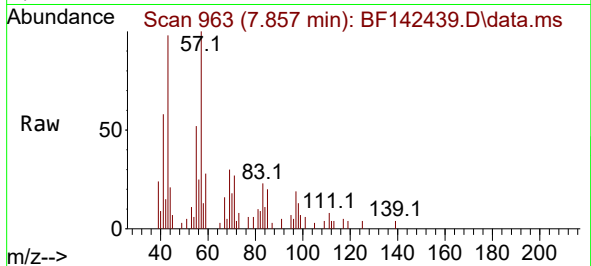




#26
2-Nitrophenol
Concen: 4.161 ng
RT: 7.857 min Scan# 90
Delta R.T. 0.053 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

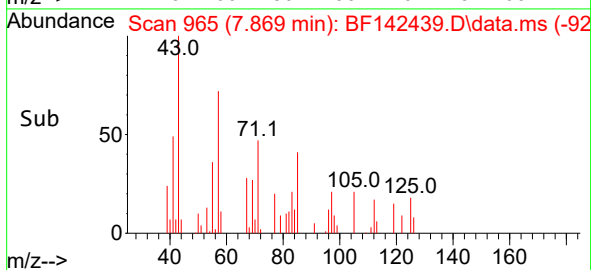
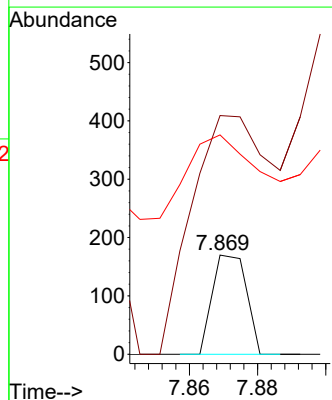
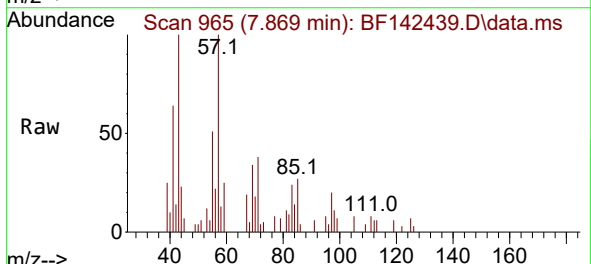
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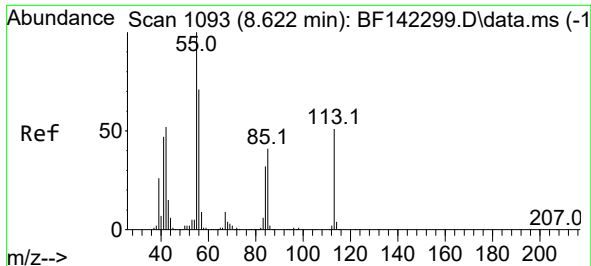
Tgt Ion:139 Resp: 192
Ion Ratio Lower Upper
139 100
109 98.6 20.8 31.2#
65 76.8 38.9 58.3#



#32
Benzoic acid
Concen: 6.060 ng
RT: 7.869 min Scan# 965
Delta R.T. -0.071 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

Tgt Ion:122 Resp: 118
Ion Ratio Lower Upper
122 100
105 240.6 97.9 137.9#
77 221.2 67.7 107.7#

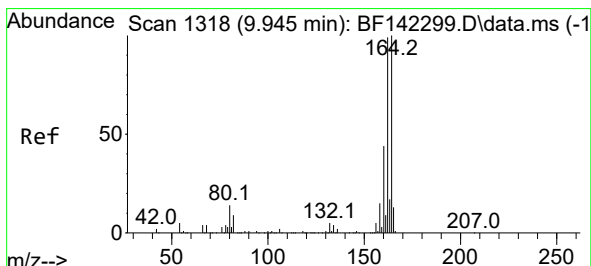
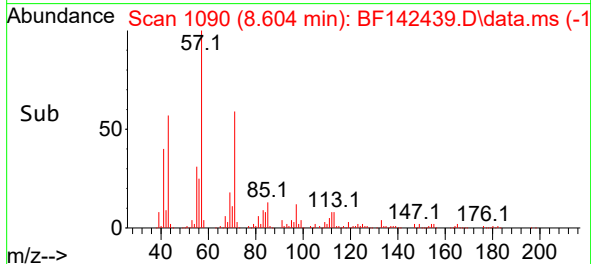
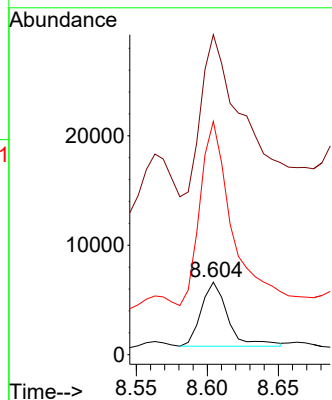
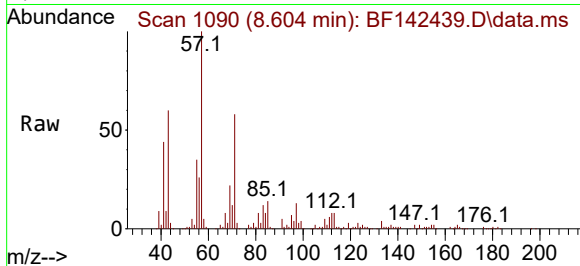




#35
 Caprolactam
 Concen: 6.137 ng
 RT: 8.604 min Scan# 113
 Delta R.T. -0.018 min
 Lab File: BF142439.D
 Acq: 16 May 2025 21:08

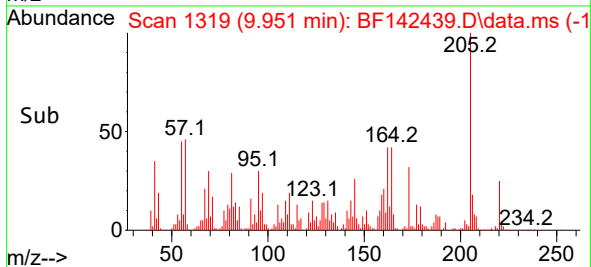
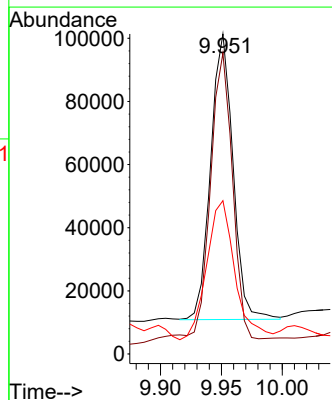
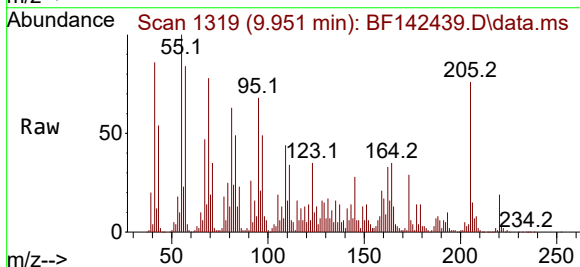
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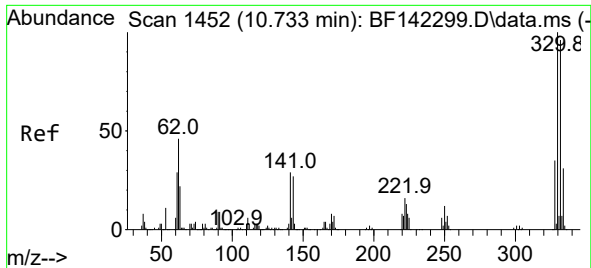
Tgt Ion:113 Resp: 7607
 Ion Ratio Lower Upper
 113 100
 55 441.6 176.4 216.4#
 56 322.0 120.3 160.3#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.951 min Scan# 1319
 Delta R.T. 0.006 min
 Lab File: BF142439.D
 Acq: 16 May 2025 21:08

Tgt Ion:164 Resp: 115518
 Ion Ratio Lower Upper
 164 100
 162 94.0 79.2 118.8
 160 47.9 35.3 52.9

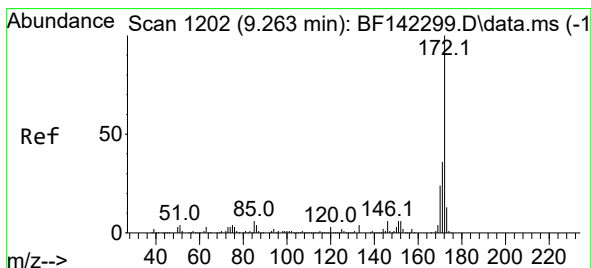
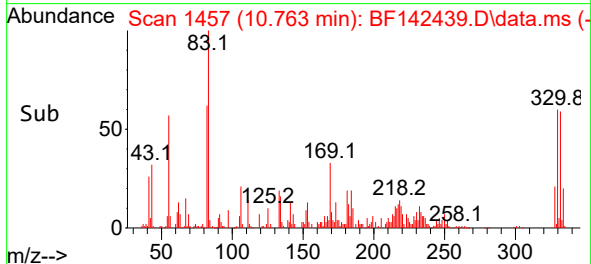
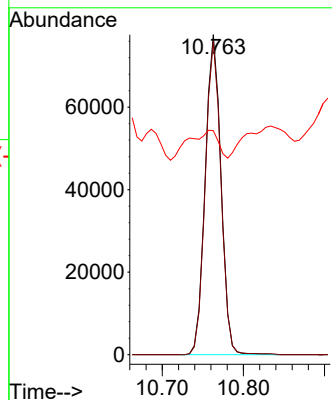
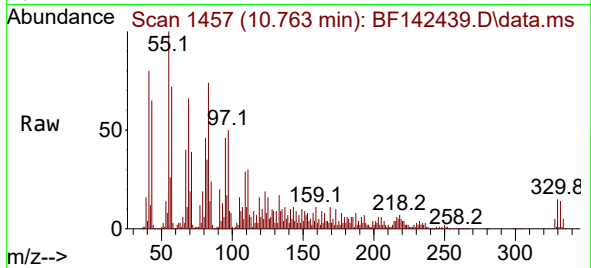




#42
2,4,6-Tribromophenol
Concen: 93.583 ng
RT: 10.763 min Scan# 1452
Delta R.T. 0.029 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

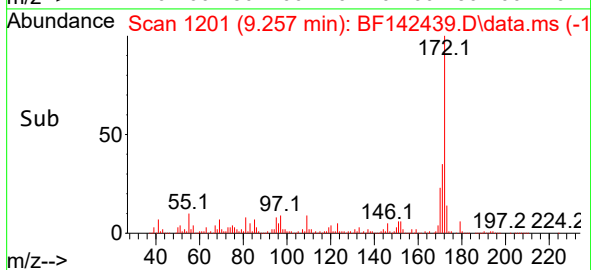
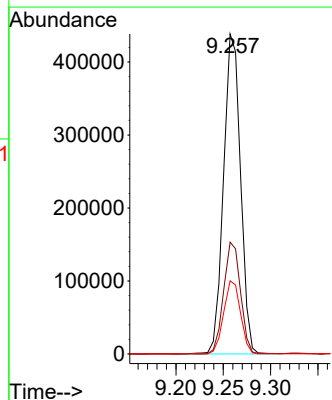
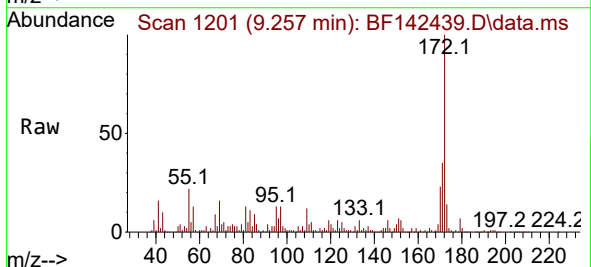
Instrument :
BNA_F
ClientSampleId :
72-12000

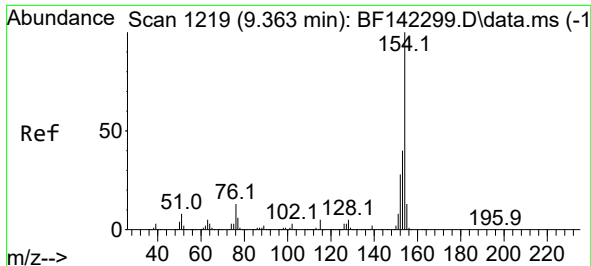
Tgt Ion:330 Resp: 104374
Ion Ratio Lower Upper
330 100
332 97.6 76.8 115.2
141 17.5 24.9 37.3#



#45
2-Fluorobiphenyl
Concen: 67.504 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

Tgt Ion:172 Resp: 546888
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 22.9 19.0 28.4

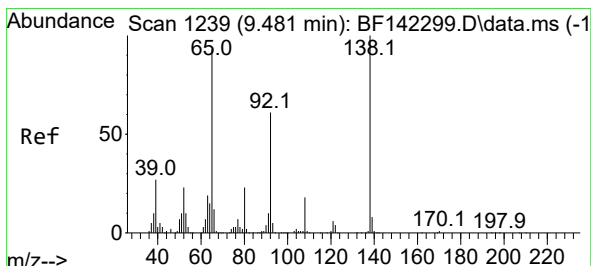
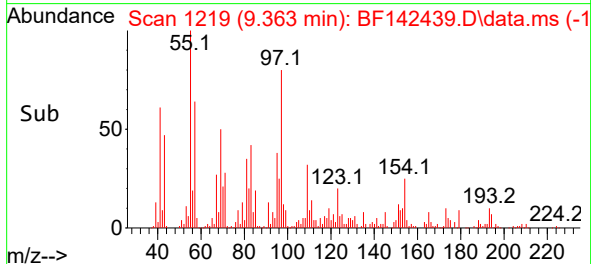
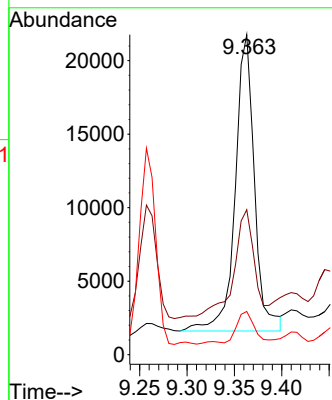
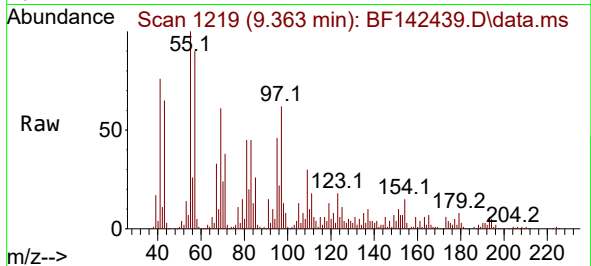




#46
1,1'-Biphenyl
Concen: 3.213 ng
RT: 9.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

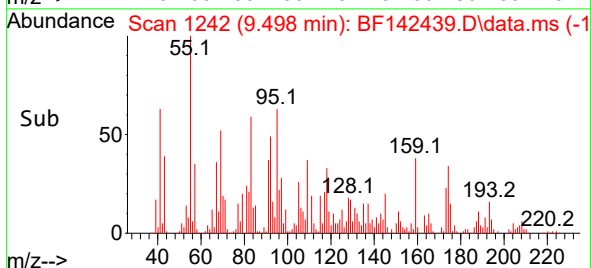
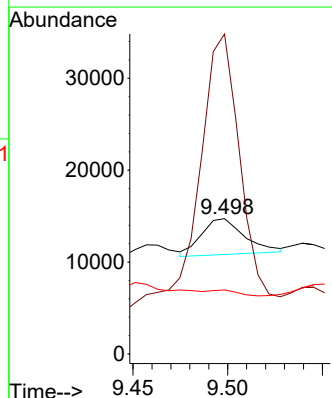
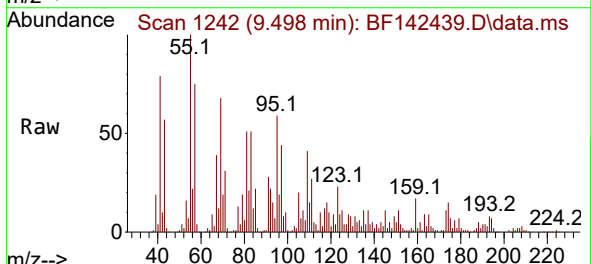
Instrument :
BNA_F
ClientSampleId :
72-12000

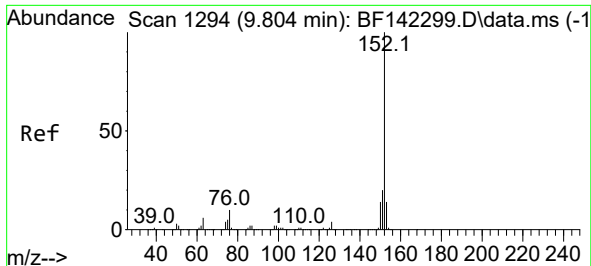
Tgt Ion:154 Resp: 28460
Ion Ratio Lower Upper
154 100
153 45.3 20.5 60.5
76 13.5 0.0 32.8



#48
2-Nitroaniline
Concen: 3.704 ng
RT: 9.498 min Scan# 1242
Delta R.T. 0.018 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

Tgt Ion: 65 Resp: 6254
Ion Ratio Lower Upper
65 100
92 236.5 52.3 78.5#
138 47.3 85.6 128.4#





#49

Acenaphthylene

Concen: 2.009 ng

RT: 9.816 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF142439.D

Acq: 16 May 2025 21:08

Instrument :

BNA_F

ClientSampleId :

72-12000

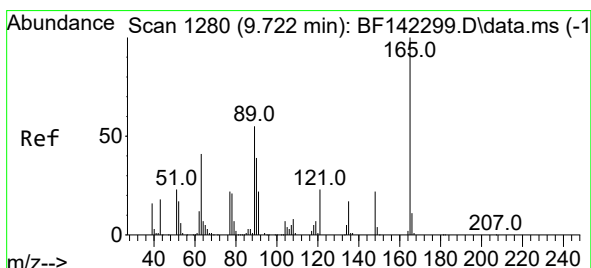
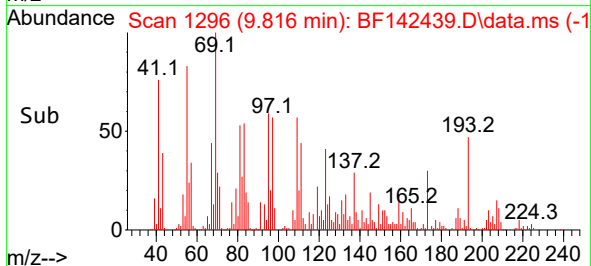
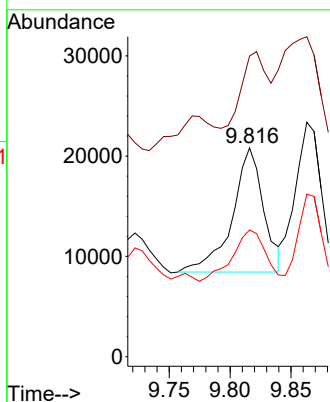
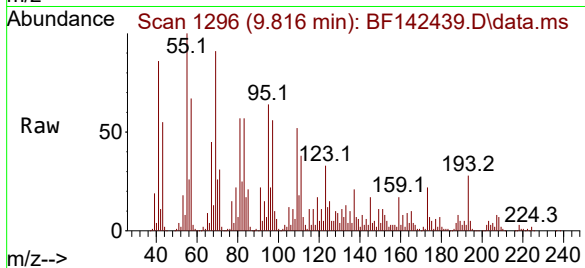
Tgt Ion:152 Resp: 22139

Ion Ratio Lower Upper

152 100

151 144.0 16.0 24.0#

153 60.7 10.8 16.2#



#51

2,6-Dinitrotoluene

Concen: 9.002 ng

RT: 9.751 min Scan# 1285

Delta R.T. 0.029 min

Lab File: BF142439.D

Acq: 16 May 2025 21:08

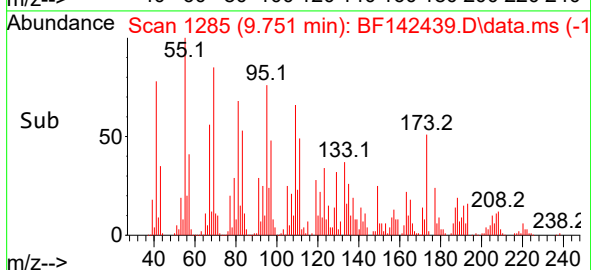
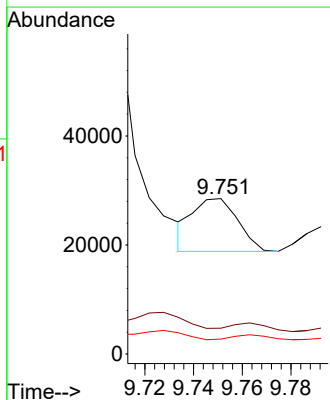
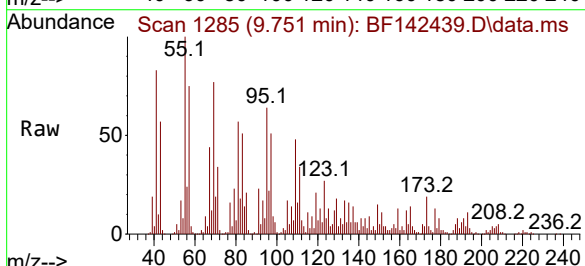
Tgt Ion:165 Resp: 12499

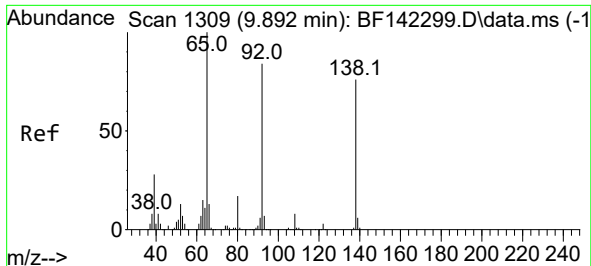
Ion Ratio Lower Upper

165 100

63 16.6 49.5 74.3#

89 9.5 44.6 66.8#

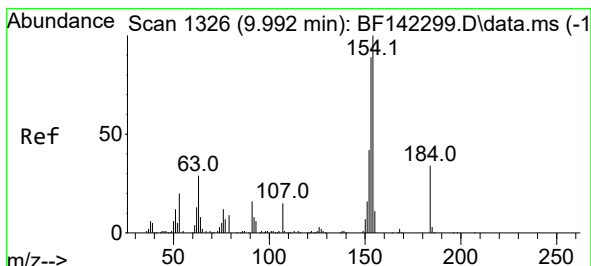
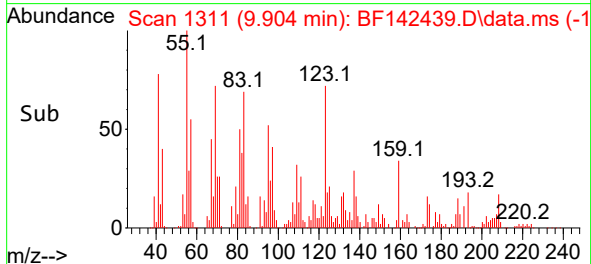
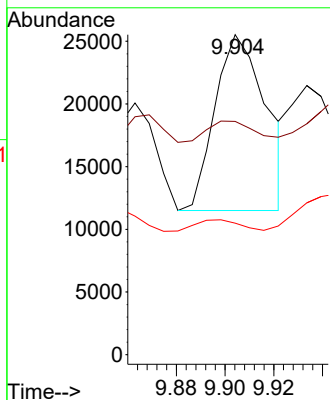
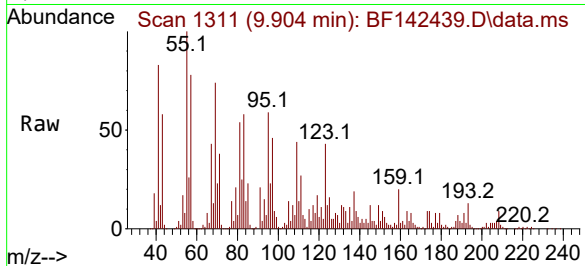




#53
3-Nitroaniline
Concen: 12.569 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

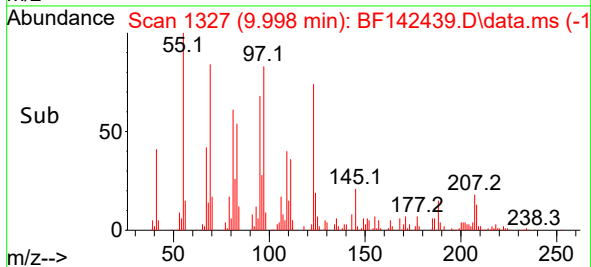
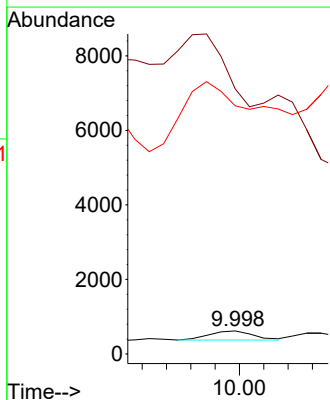
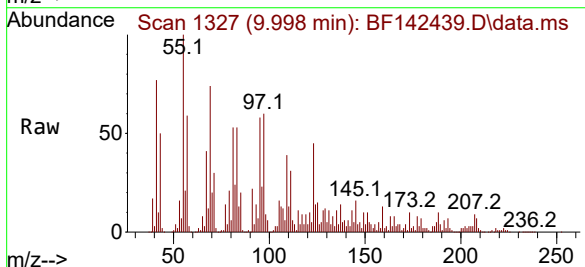
Instrument :
BNA_F
ClientSampleId :
72-12000

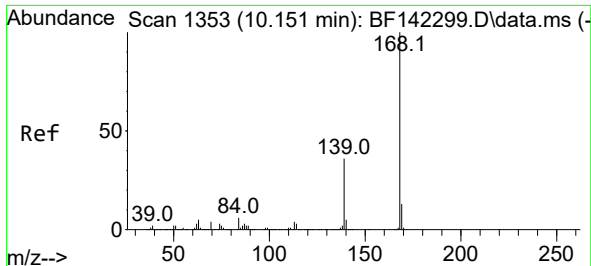
Tgt Ion:138 Resp: 20467
Ion Ratio Lower Upper
138 100
108 72.9 8.7 13.1#
92 41.1 89.5 134.3#



#54
2,4-Dinitrophenol
Concen: 8.048 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

Tgt Ion:184 Resp: 310
Ion Ratio Lower Upper
184 100
63 1152.8 70.6 105.8#
154 1079.1 257.2 385.8#

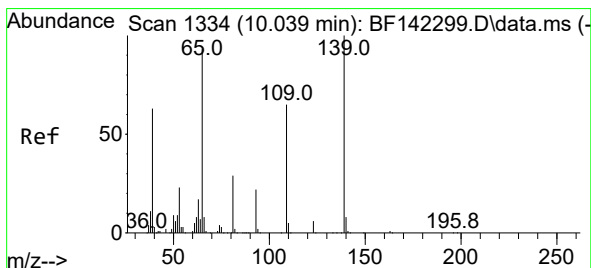
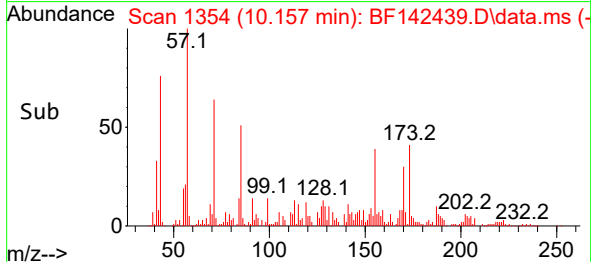
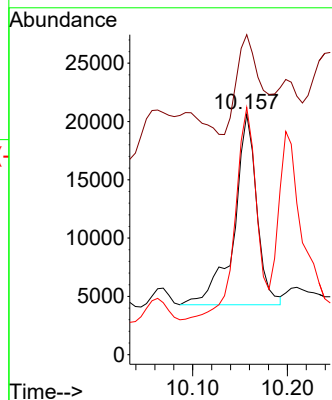
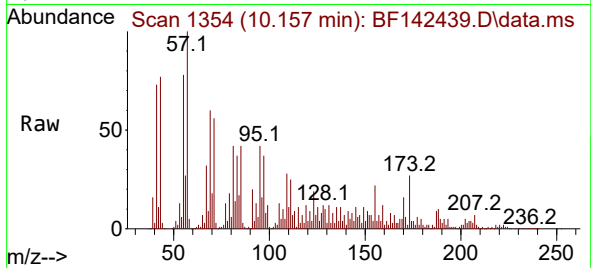




#55
Dibenzenofuran
Concen: 2.795 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

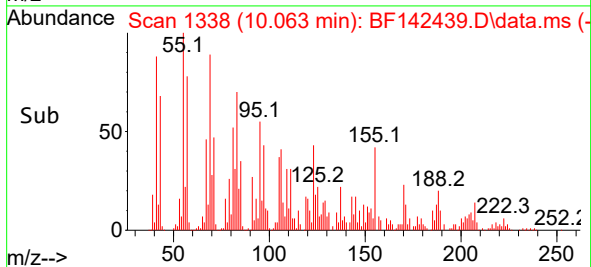
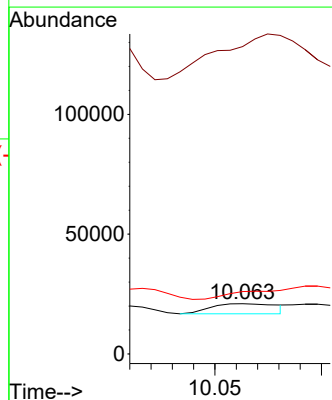
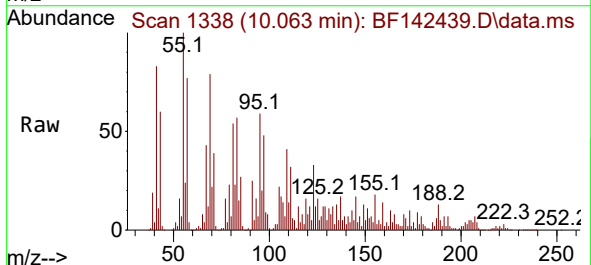
Instrument :
BNA_F
ClientSampleId :
72-12000

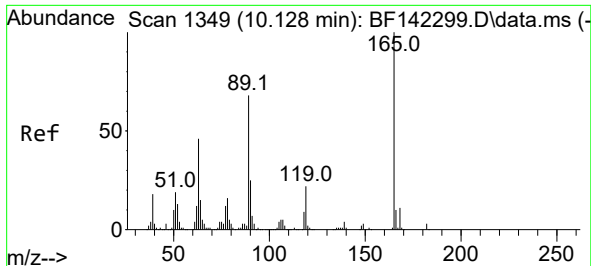
Tgt Ion:168 Resp: 27333
Ion Ratio Lower Upper
168 100
139 133.1 29.0 43.4#
169 102.8 10.7 16.1#



#56
4-Nitrophenol
Concen: 7.447 ng
RT: 10.063 min Scan# 1338
Delta R.T. 0.024 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

Tgt Ion:139 Resp: 9127
Ion Ratio Lower Upper
139 100
109 611.5 45.3 85.3#
65 124.2 73.9 113.9#

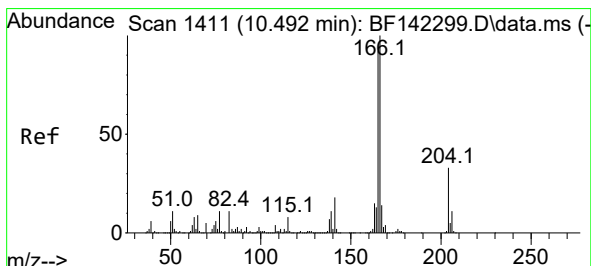
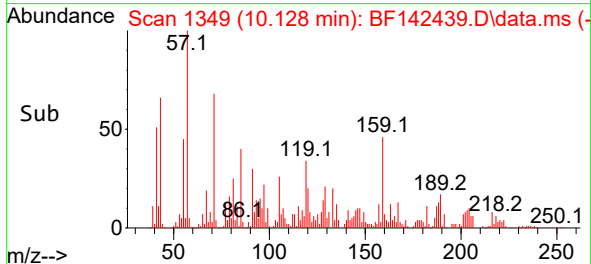
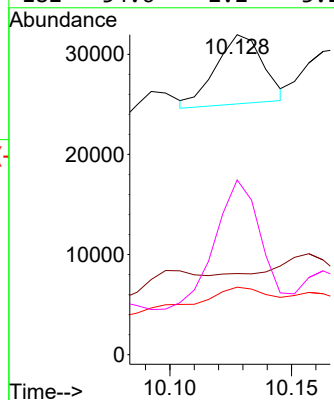
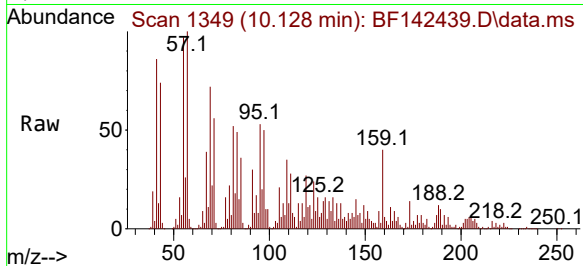




#57
2,4-Dinitrotoluene
Concen: 5.280 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

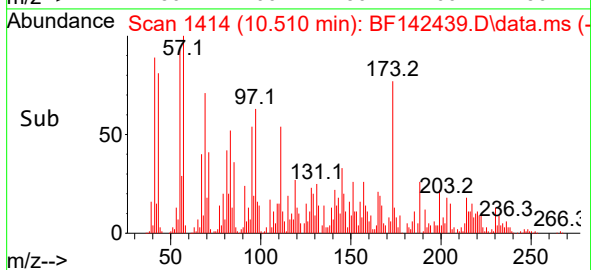
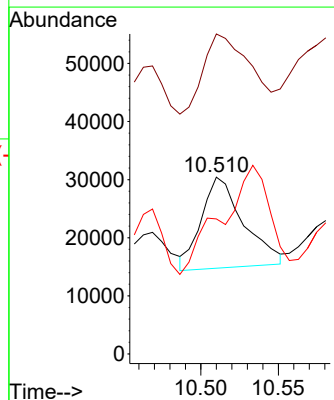
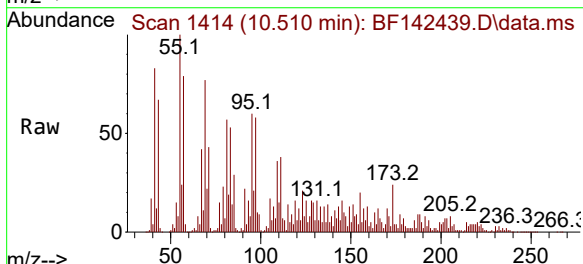
Instrument :
BNA_F
ClientSampleId :
72-12000

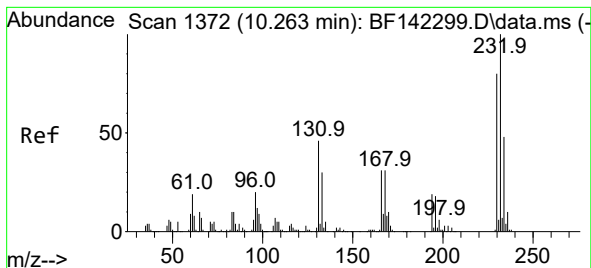
Tgt Ion:165 Resp: 9403
Ion Ratio Lower Upper
165 100
63 25.4 37.1 55.7#
89 21.1 54.4 81.6#
182 54.6 2.2 3.2#



#58
Fluorene
Concen: 3.984 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.018 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

Tgt Ion:166 Resp: 29731
Ion Ratio Lower Upper
166 100
165 180.9 74.0 111.0#
167 76.3 10.9 16.3#

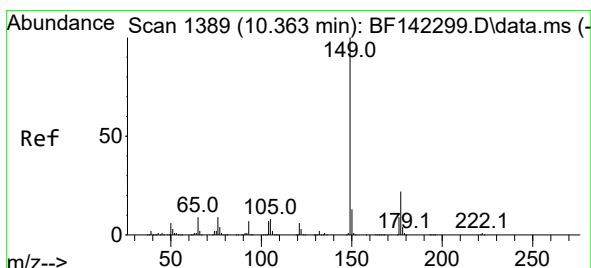
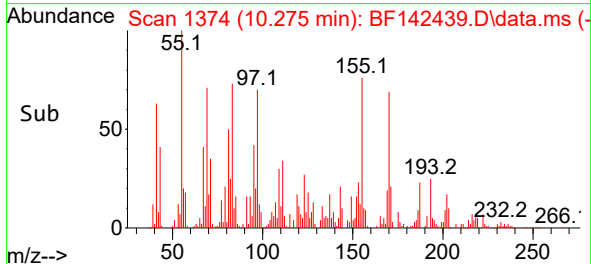
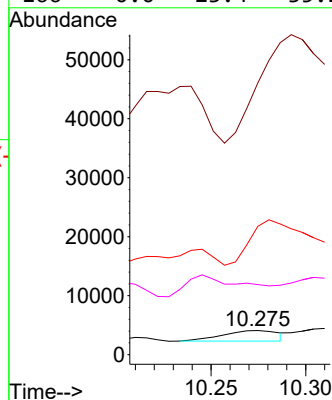
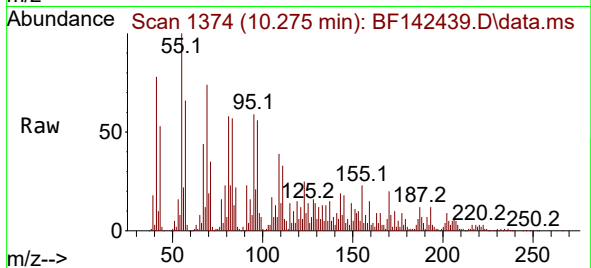




#59
2,3,4,6-Tetrachlorophenol
Concen: 2.044 ng
RT: 10.275 min Scan# 1374
Delta R.T. 0.012 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

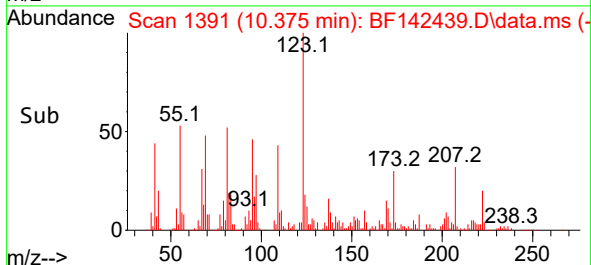
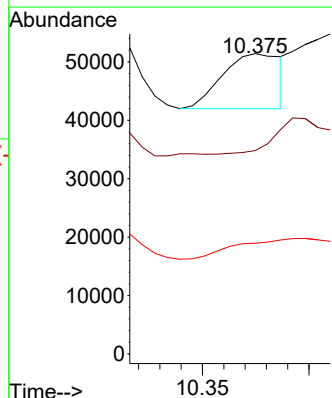
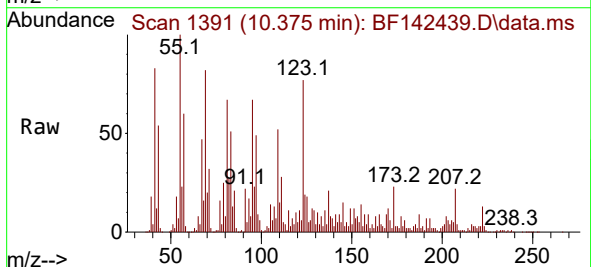
Instrument :
BNA_F
ClientSampleId :
72-12000

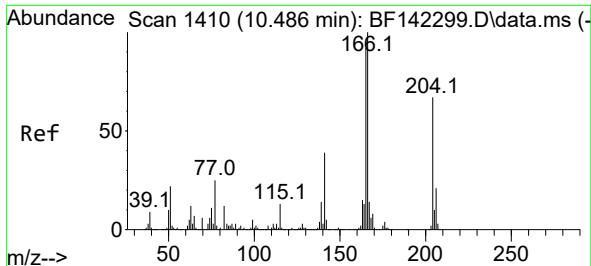
Tgt Ion:232 Resp: 3654
Ion Ratio Lower Upper
232 100
131 0.0 36.0 54.0#
130 553.0 1.8 2.6#
166 0.0 23.4 35.2#



#60
Diethylphthalate
Concen: 2.426 ng
RT: 10.375 min Scan# 1391
Delta R.T. 0.012 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

Tgt Ion:149 Resp: 17968
Ion Ratio Lower Upper
149 100
177 67.7 17.6 26.4#
150 36.9 10.1 15.1#

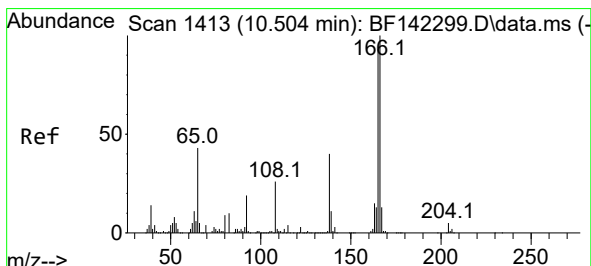
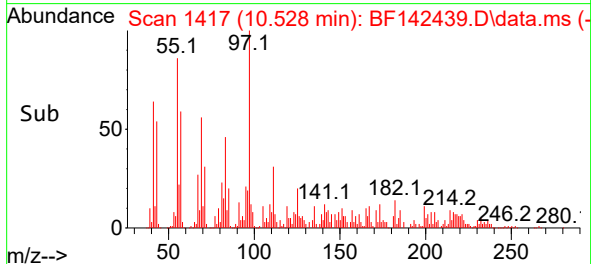
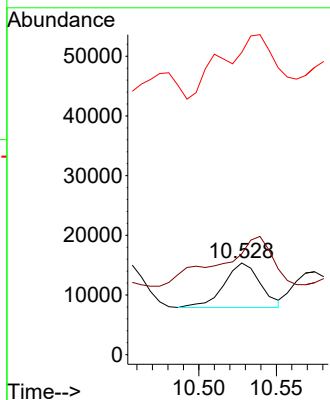
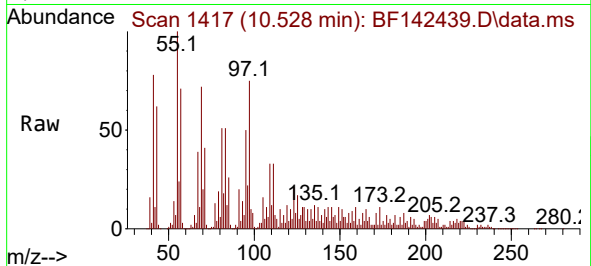




#61
4-Chlorophenyl-phenylether
Concen: 3.359 ng
RT: 10.528 min Scan# 1417
Delta R.T. 0.041 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

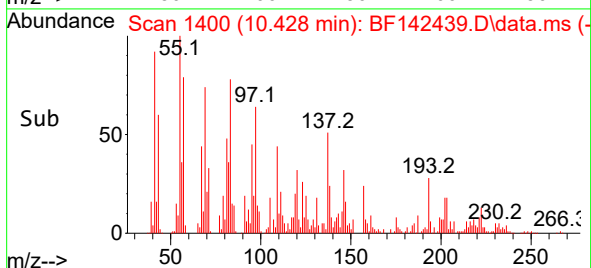
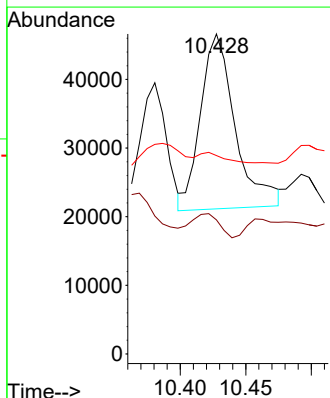
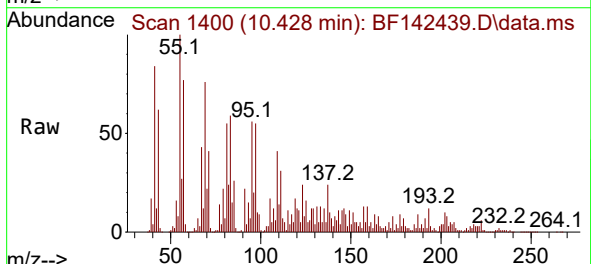
Instrument :
BNA_F
ClientSampleId :
72-12000

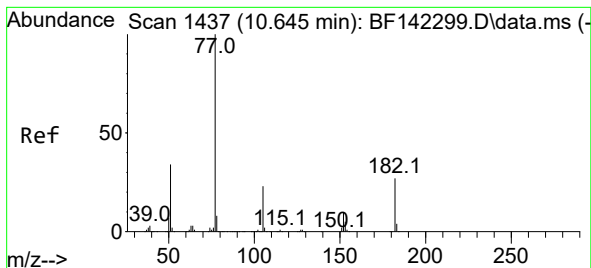
Tgt Ion:204 Resp: 12094
Ion Ratio Lower Upper
204 100
206 110.0 25.5 38.3#
141 329.9 46.4 69.6#



#62
4-Nitroaniline
Concen: 36.407 ng
RT: 10.428 min Scan# 1400
Delta R.T. -0.076 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

Tgt Ion:138 Resp: 46988
Ion Ratio Lower Upper
138 100
92 41.9 27.3 67.3
108 62.0 45.1 85.1





#63

Azobenzene

Concen: 7.167 ng

RT: 10.675 min Scan# 1437

Delta R.T. 0.029 min

Lab File: BF142439.D

Acq: 16 May 2025 21:08

Instrument :

BNA_F

ClientSampleId :

72-12000

Tgt Ion: 77 Resp: 50735

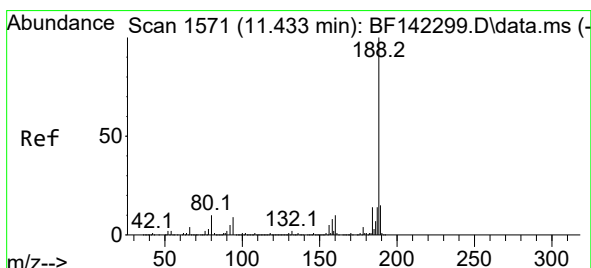
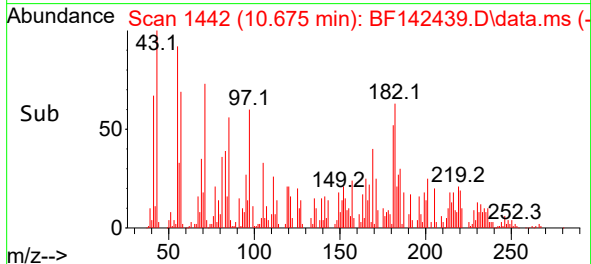
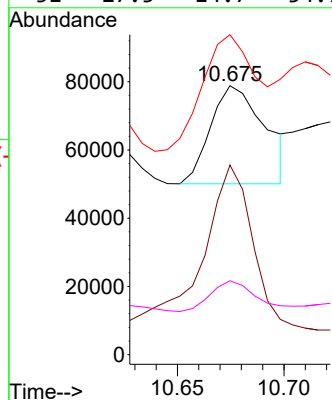
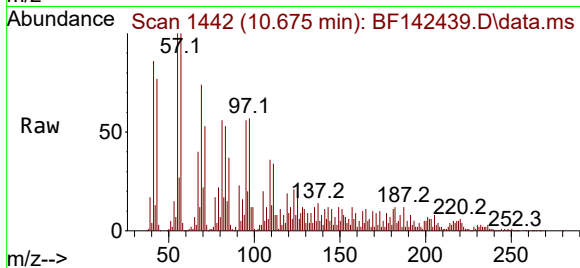
Ion Ratio Lower Upper

77 100

182 70.5 6.9 46.9#

105 119.0 2.7 42.7#

51 27.5 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1581

Delta R.T. 0.059 min

Lab File: BF142439.D

Acq: 16 May 2025 21:08

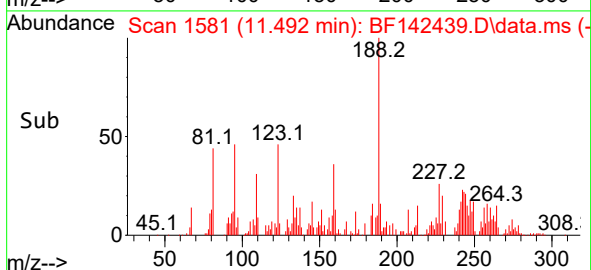
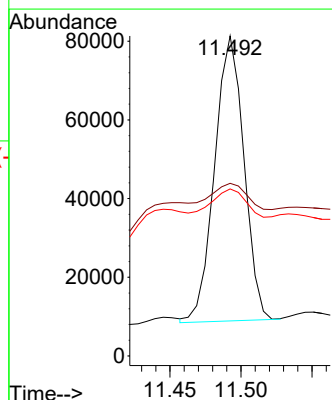
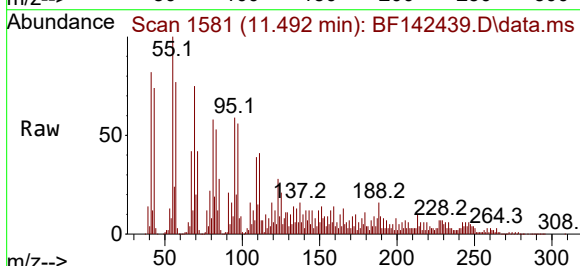
Tgt Ion: 188 Resp: 103903

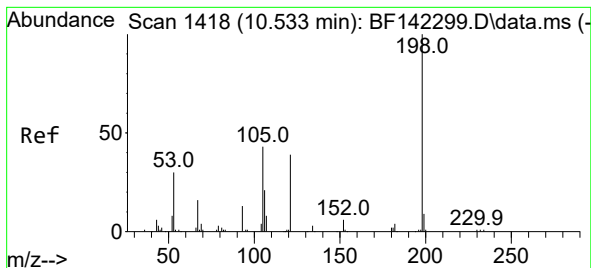
Ion Ratio Lower Upper

188 100

94 53.9 7.5 11.3#

80 52.2 7.9 11.9#

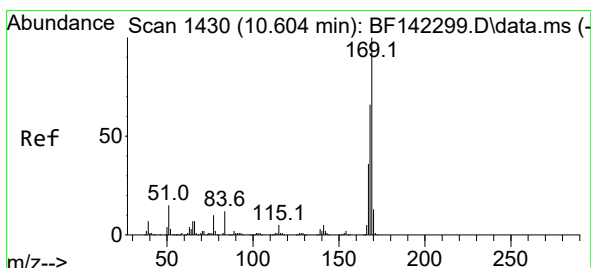
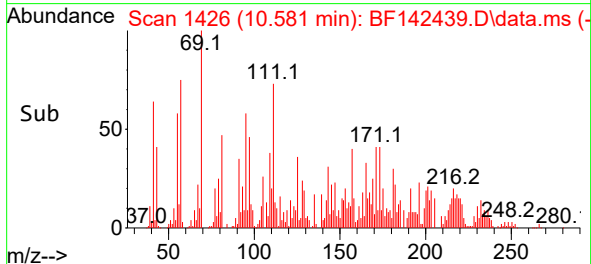
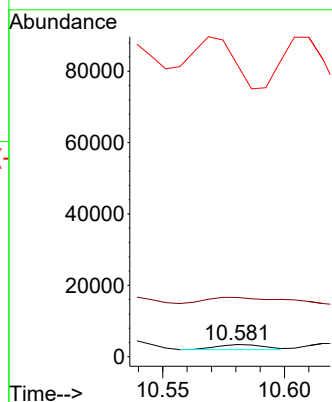
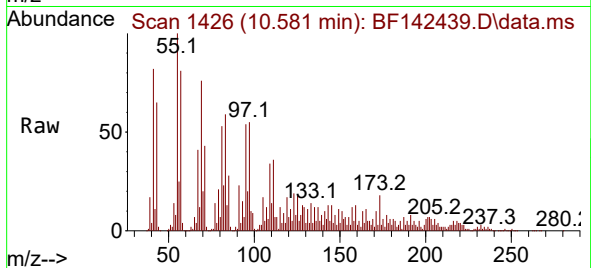




#65
4,6-Dinitro-2-methylphenol
Concen: 10.631 ng
RT: 10.581 min Scan# 1418
Delta R.T. 0.048 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

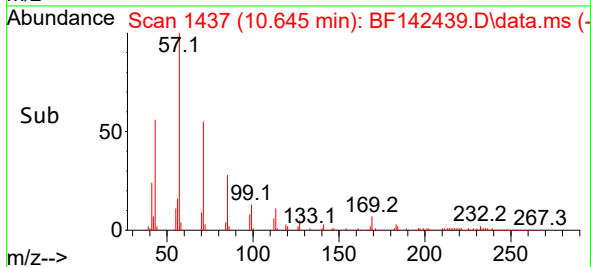
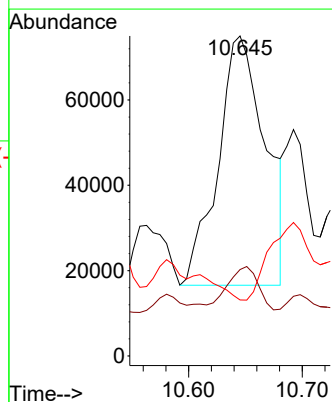
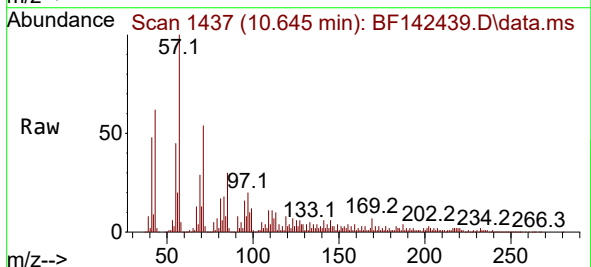
Instrument :
BNA_F
ClientSampleId :
72-12000

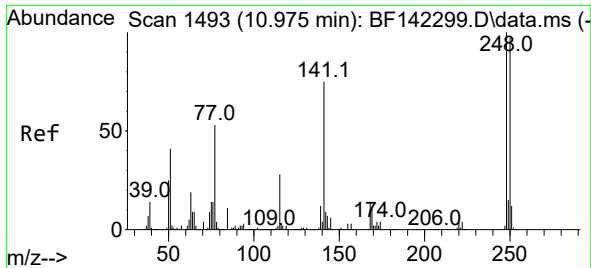
Tgt Ion:198 Resp: 1963
Ion Ratio Lower Upper
198 100
51 489.9 32.9 72.9#
105 2416.5 23.7 63.7#



#66
n-Nitrosodiphenylamine
Concen: 48.801 ng
RT: 10.645 min Scan# 1437
Delta R.T. 0.041 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

Tgt Ion:169 Resp: 168728
Ion Ratio Lower Upper
169 100
168 27.0 53.2 79.8#
167 17.5 28.9 43.3#

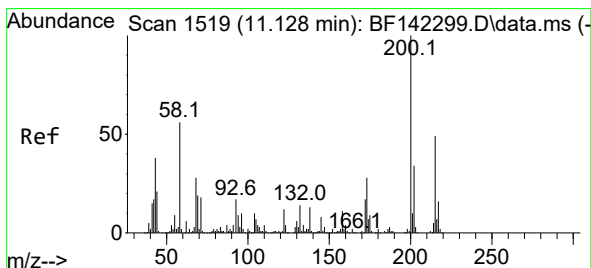
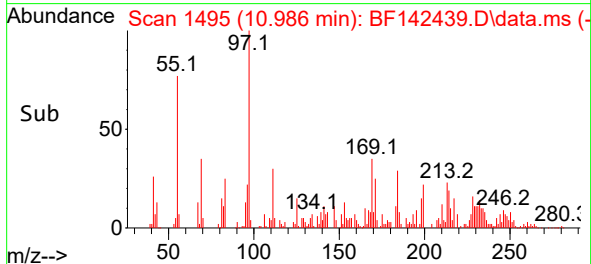
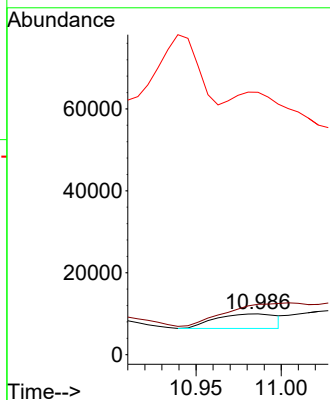
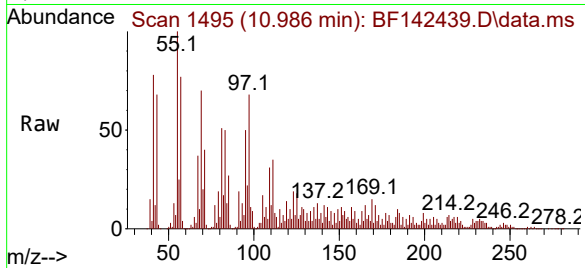




#67
4-Bromophenyl-phenylether
Concen: 7.647 ng
RT: 10.986 min Scan# 1495
Delta R.T. 0.012 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

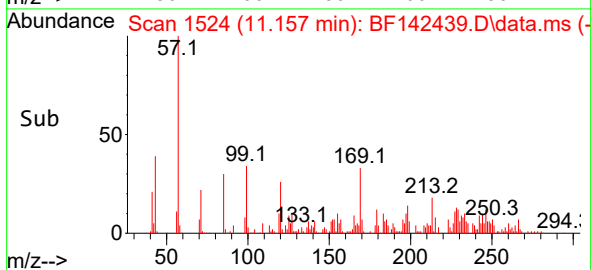
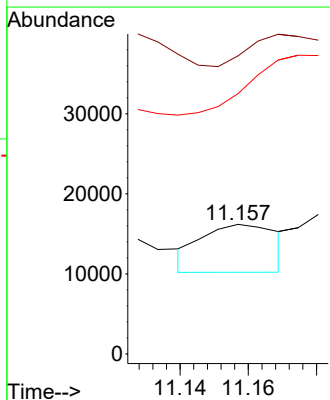
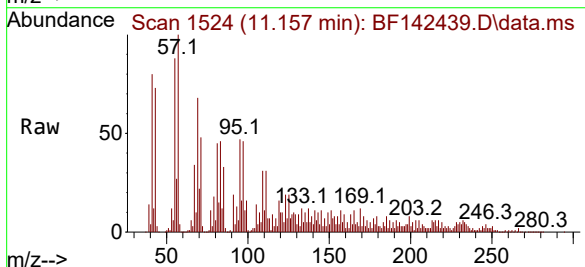
Instrument :
BNA_F
ClientSampleId :
72-12000

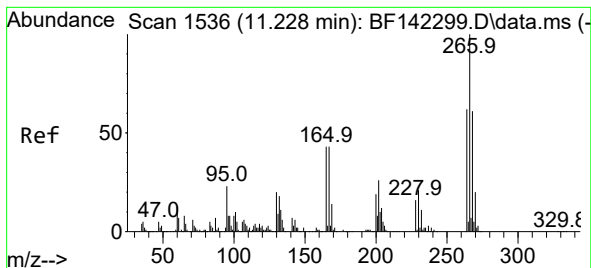
Tgt Ion:248 Resp: 9005
Ion Ratio Lower Upper
248 100
250 123.2 77.9 116.9#
141 642.2 59.8 89.8#



#69
Atrazine
Concen: 10.132 ng
RT: 11.157 min Scan# 1524
Delta R.T. 0.029 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

Tgt Ion:200 Resp: 9234
Ion Ratio Lower Upper
200 100
173 230.2 8.1 48.1#
215 200.9 28.8 68.8#





#70

Pentachlorophenol

Concen: 2.824 ng

RT: 11.269 min Scan# 1

Delta R.T. 0.041 min

Lab File: BF142439.D

Acq: 16 May 2025 21:08

Instrument :

BNA_F

ClientSampleId :

72-12000

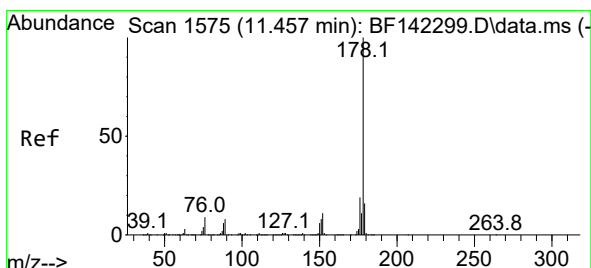
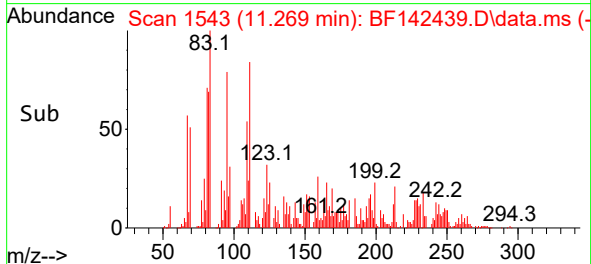
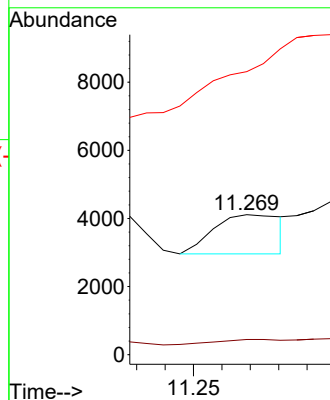
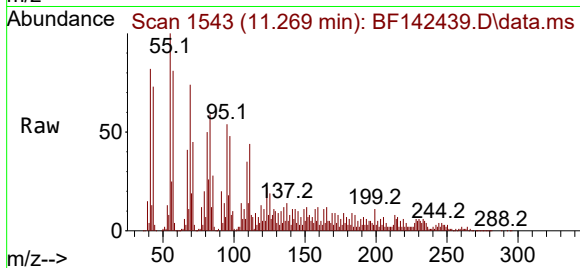
Tgt Ion:266 Resp: 1924

Ion Ratio Lower Upper

266 100

268 10.9 48.7 73.1#

264 202.1 49.8 74.6#



#71

Phenanthrene

Concen: 10.751 ng

RT: 11.516 min Scan# 1585

Delta R.T. 0.059 min

Lab File: BF142439.D

Acq: 16 May 2025 21:08

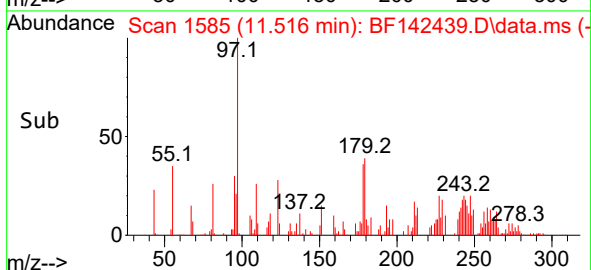
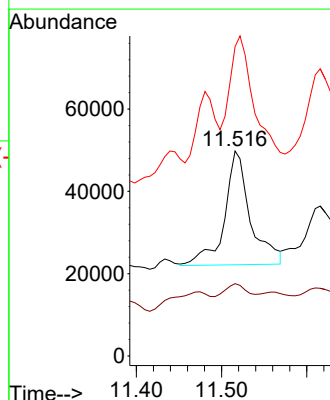
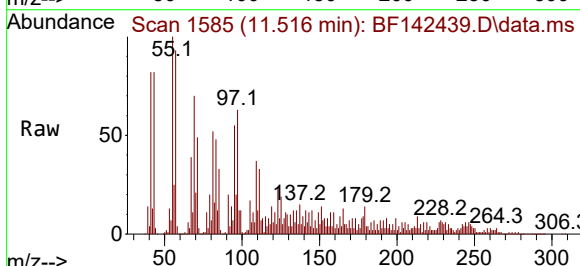
Tgt Ion:178 Resp: 58552

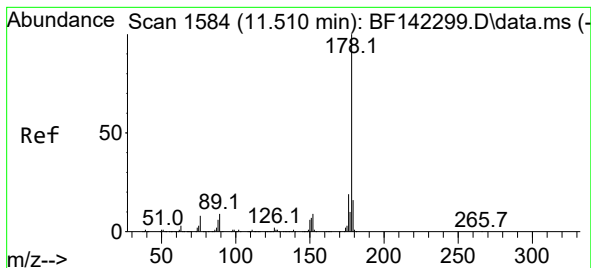
Ion Ratio Lower Upper

178 100

176 35.3 15.5 23.3#

179 150.9 12.6 18.8#





#72

Anthracene

Concen: 4.324 ng

RT: 11.616 min Scan# 1

Delta R.T. 0.106 min

Lab File: BF142439.D

Acq: 16 May 2025 21:08

Instrument :

BNA_F

ClientSampleId :

72-12000

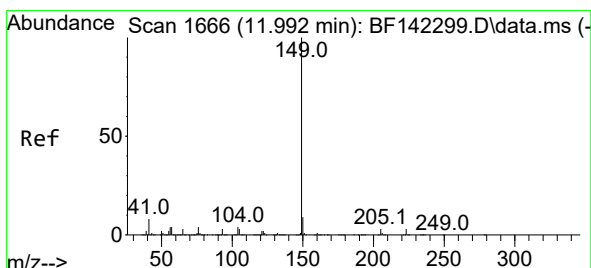
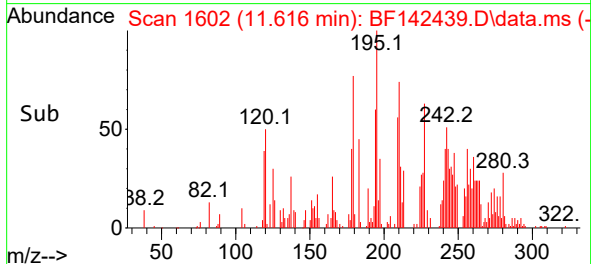
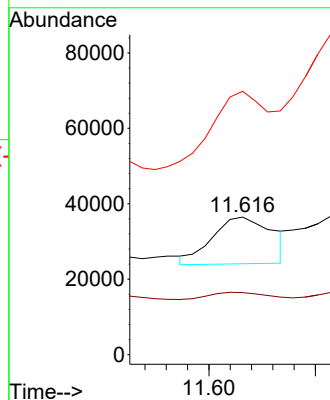
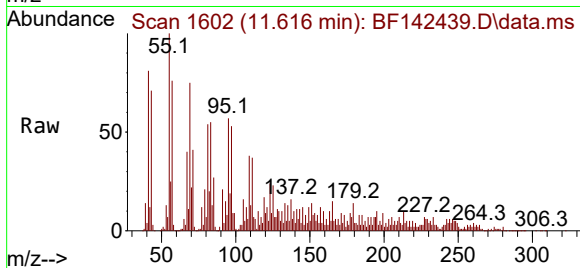
Tgt Ion:178 Resp: 24195

Ion Ratio Lower Upper

178 100

176 45.1 15.3 22.9#

179 191.5 12.6 18.8#



#74

Di-n-butylphthalate

Concen: 13.690 ng

RT: 12.051 min Scan# 1676

Delta R.T. 0.059 min

Lab File: BF142439.D

Acq: 16 May 2025 21:08

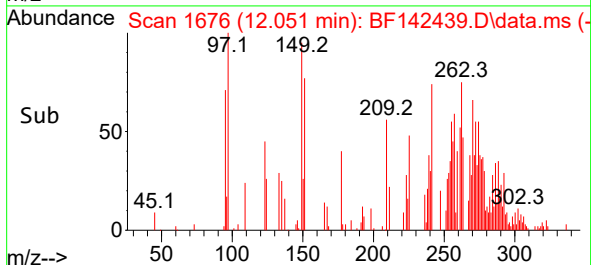
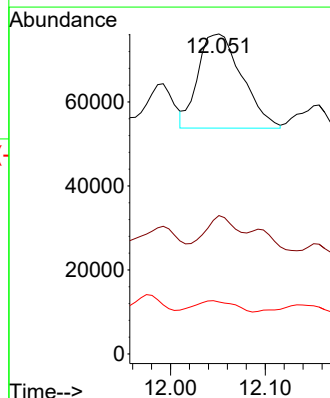
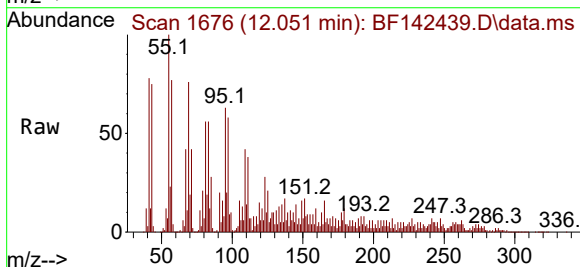
Tgt Ion:149 Resp: 72273

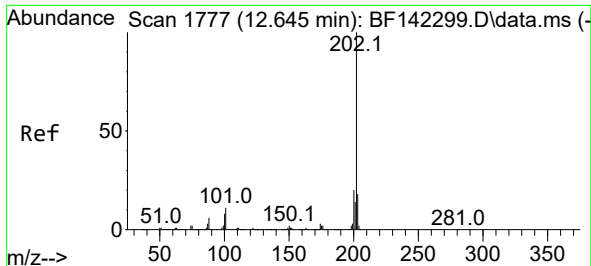
Ion Ratio Lower Upper

149 100

150 43.3 7.5 11.3#

104 16.2 3.6 5.4#

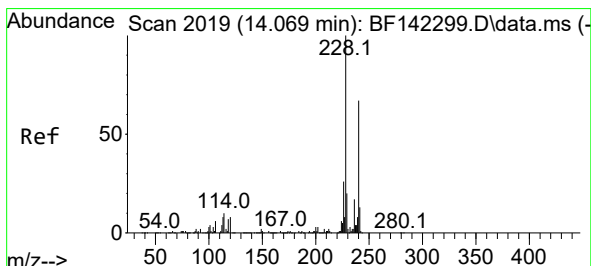
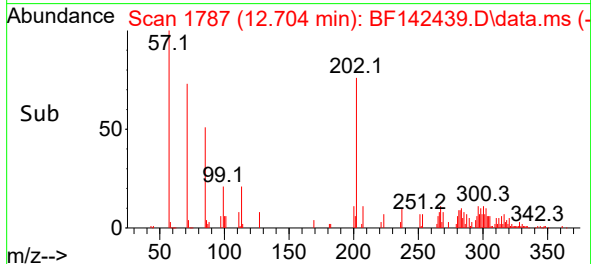
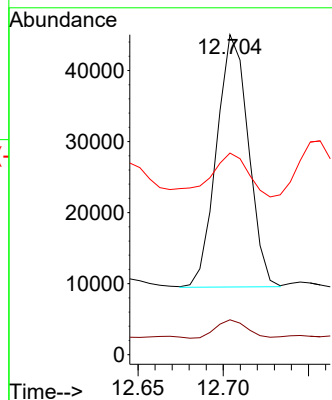
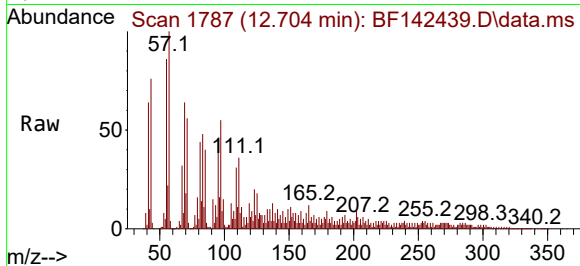




#75
Fluoranthene
Concen: 8.470 ng
RT: 12.704 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

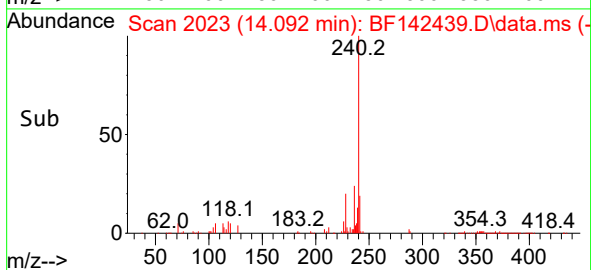
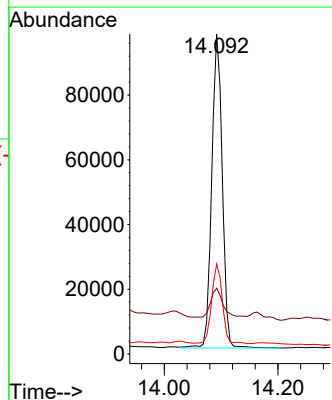
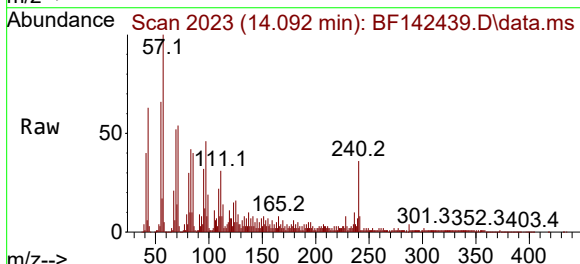
Instrument :
BNA_F
ClientSampleId :
72-12000

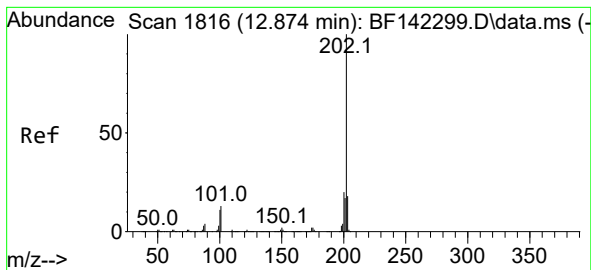
Tgt Ion:202 Resp: 46115
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 63.0 0.0 37.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.024 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

Tgt Ion:240 Resp: 124174
Ion Ratio Lower Upper
240 100
120 20.6 9.7 14.5#
236 28.2 20.0 30.0





#78

Pyrene

Concen: 5.672 ng

RT: 12.927 min Scan# 1825

Delta R.T. 0.053 min

Lab File: BF142439.D

Acq: 16 May 2025 21:08

Instrument :

BNA_F

ClientSampleId :

72-12000

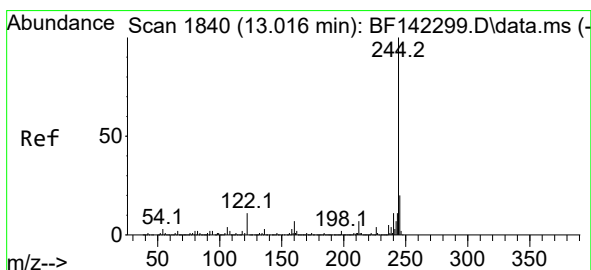
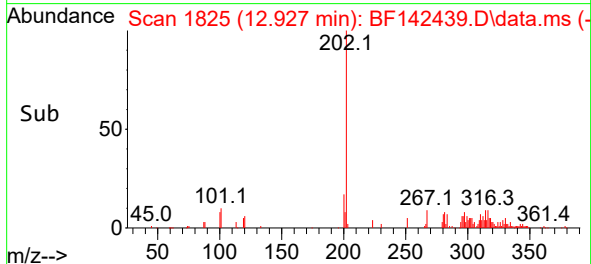
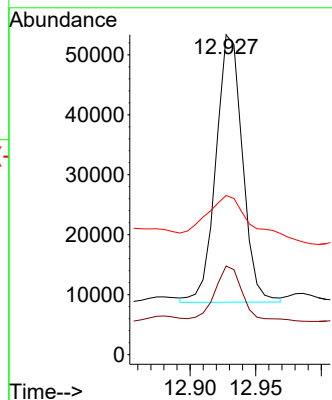
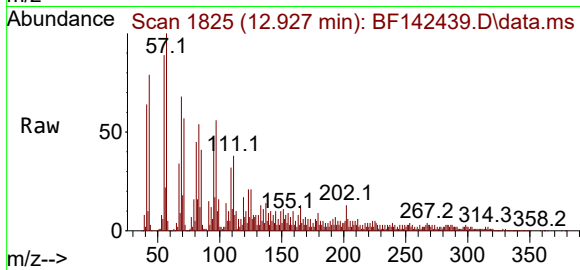
Tgt Ion:202 Resp: 62695

Ion Ratio Lower Upper

202 100

200 27.7 16.2 24.4#

203 49.8 14.3 21.5#



#79

Terphenyl-d14

Concen: 38.265 ng

RT: 13.057 min Scan# 1847

Delta R.T. 0.041 min

Lab File: BF142439.D

Acq: 16 May 2025 21:08

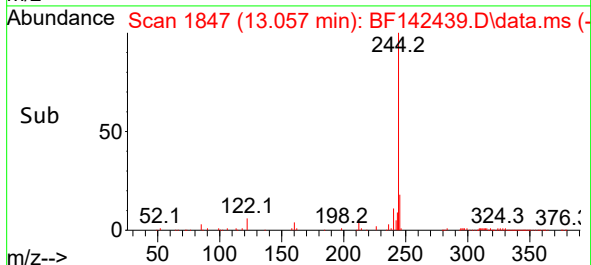
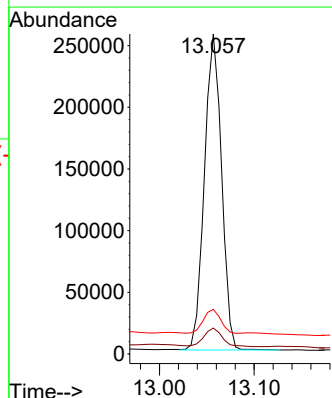
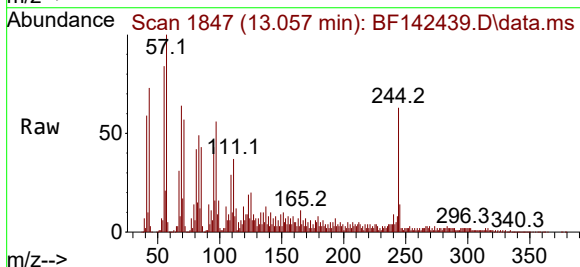
Tgt Ion:244 Resp: 321022

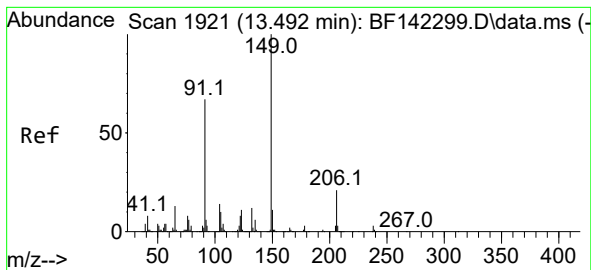
Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.2

122 13.9 9.0 13.4#





#80

Butylbenzylphthalate

Concen: 4.693 ng

RT: 13.563 min Scan# 1921

Delta R.T. 0.071 min

Lab File: BF142439.D

Acq: 16 May 2025 21:08

Instrument :

BNA_F

ClientSampleId :

72-12000

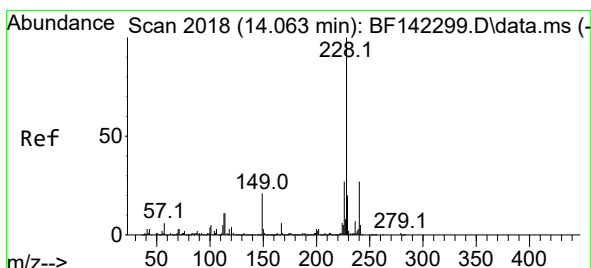
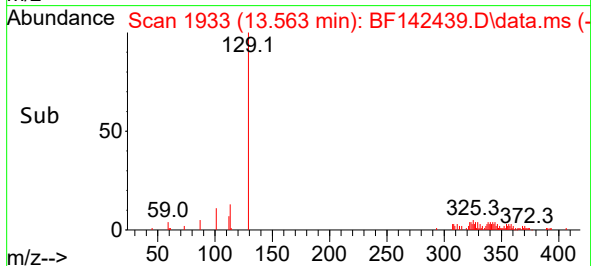
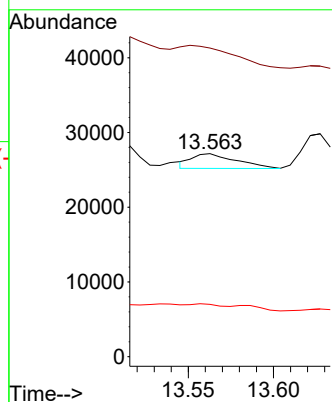
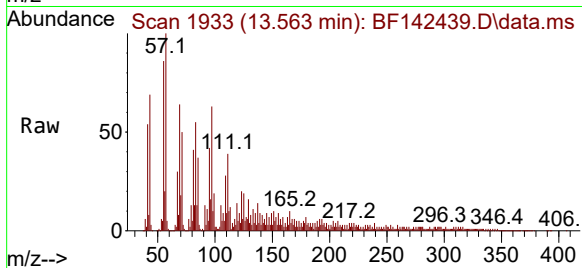
Tgt Ion:149 Resp: 3609

Ion Ratio Lower Upper

149 100

91 152.0 53.8 80.6#

206 25.8 16.6 24.8#



#81

Benzo(a)anthracene

Concen: 5.370 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.018 min

Lab File: BF142439.D

Acq: 16 May 2025 21:08

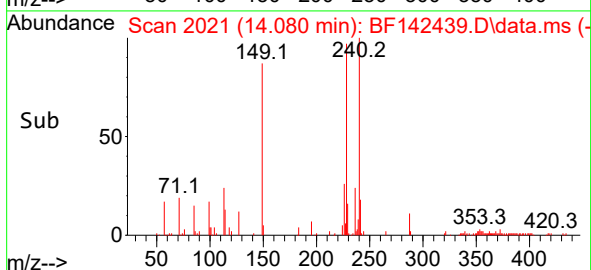
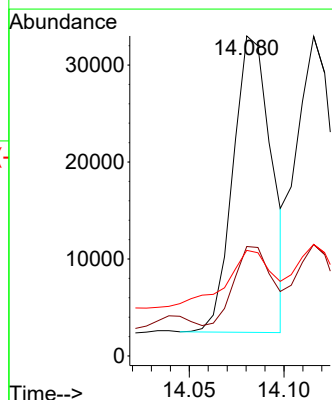
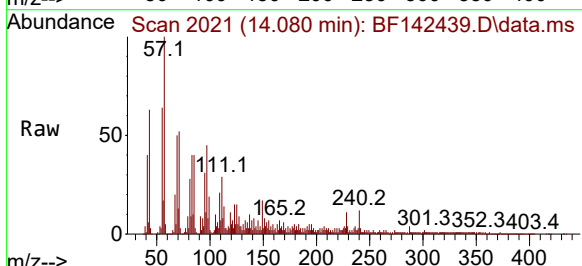
Tgt Ion:228 Resp: 43180

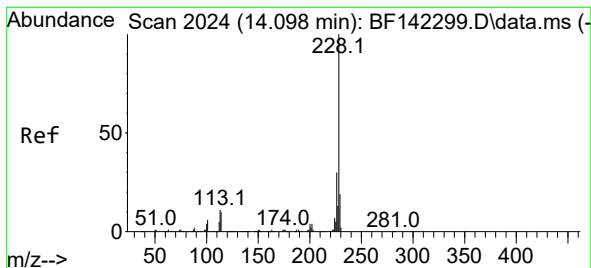
Ion Ratio Lower Upper

228 100

226 34.2 21.5 32.3#

229 33.0 15.9 23.9#





#83

Chrysene

Concen: 5.571 ng

RT: 14.116 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF142439.D

Acq: 16 May 2025 21:08

Instrument :

BNA_F

ClientSampleId :

72-12000

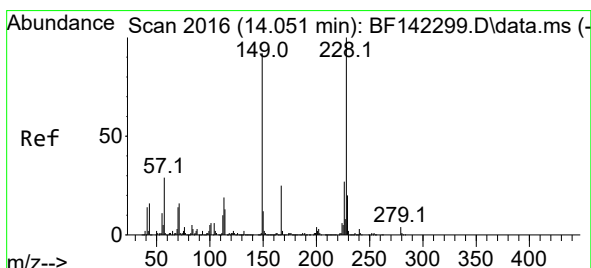
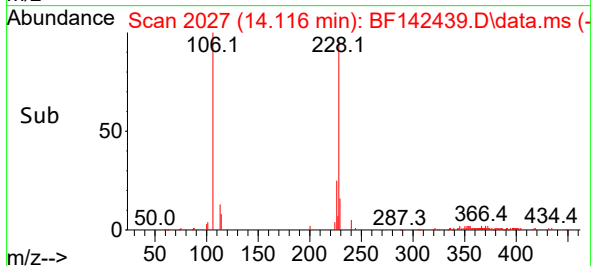
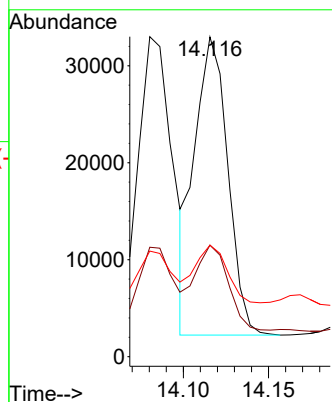
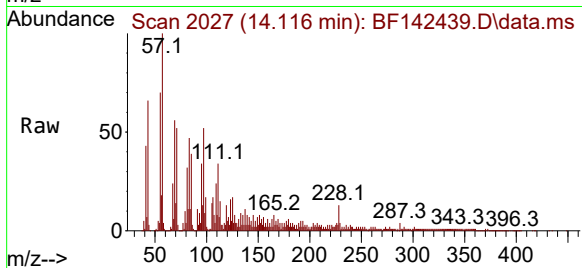
Tgt Ion:228 Resp: 41706

Ion Ratio Lower Upper

228 100

226 34.9 23.9 35.9

229 34.9 15.4 23.2#



#84

Bis(2-ethylhexyl)phthalate

Concen: 31.958 ng

RT: 14.069 min Scan# 2019

Delta R.T. 0.018 min

Lab File: BF142439.D

Acq: 16 May 2025 21:08

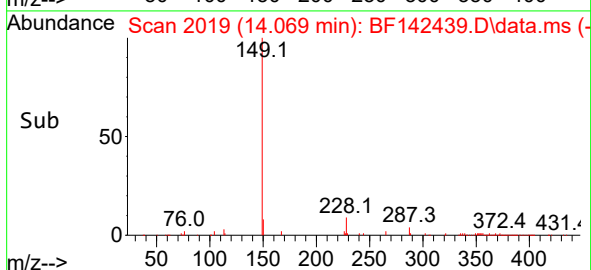
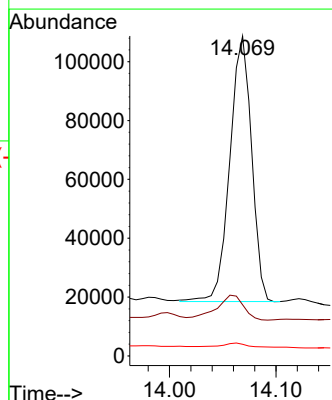
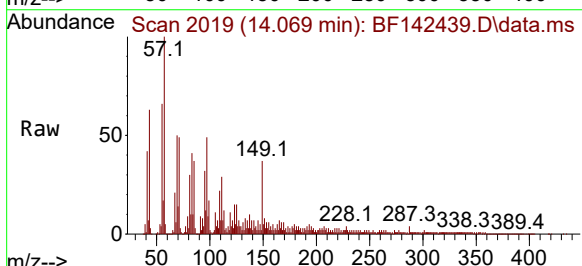
Tgt Ion:149 Resp: 127718

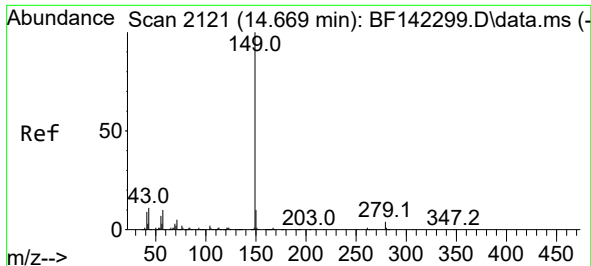
Ion Ratio Lower Upper

149 100

167 16.0 22.0 33.0#

279 3.7 3.0 4.6

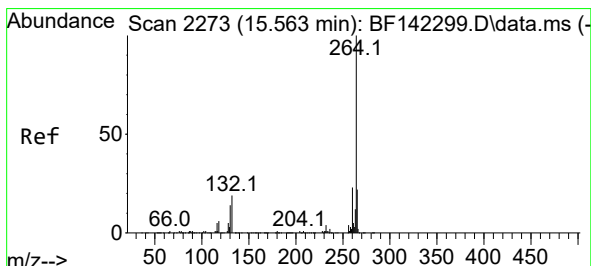
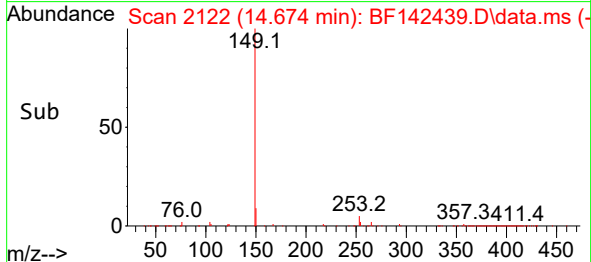
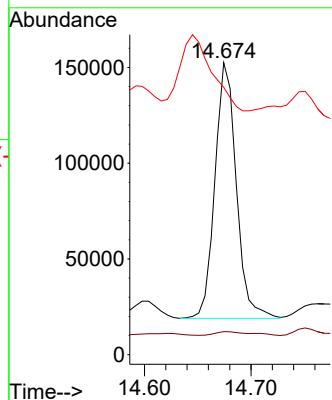
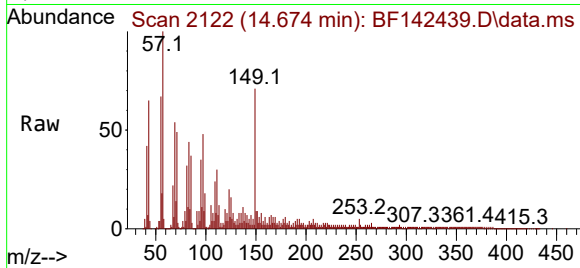




#85
Di-n-octyl phthalate
Concen: 28.398 ng
RT: 14.674 min Scan# 2121
Delta R.T. 0.005 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

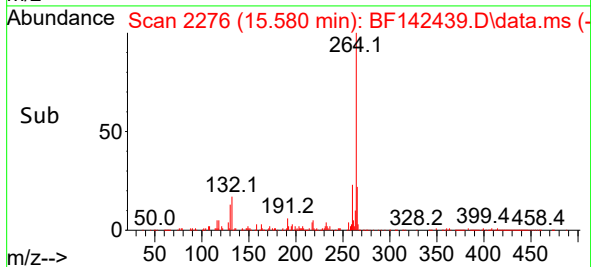
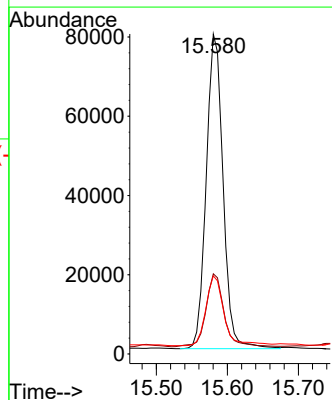
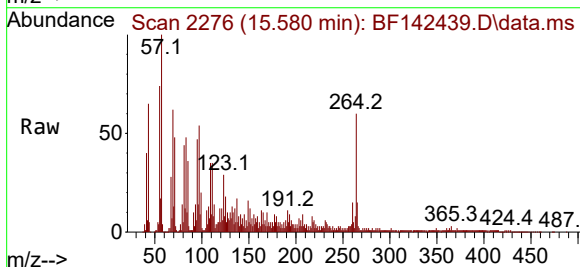
Instrument :
BNA_F
ClientSampleId :
72-12000

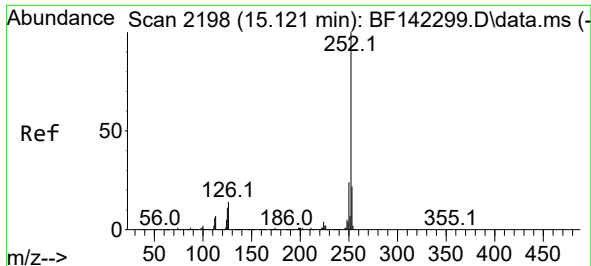
Tgt Ion:149 Resp: 186094
Ion Ratio Lower Upper
149 100
167 2.5 1.1 1.7#
43 0.0 9.2 13.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2276
Delta R.T. 0.018 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

Tgt Ion:264 Resp: 131325
Ion Ratio Lower Upper
264 100
260 25.0 18.6 27.8
265 24.4 17.5 26.3

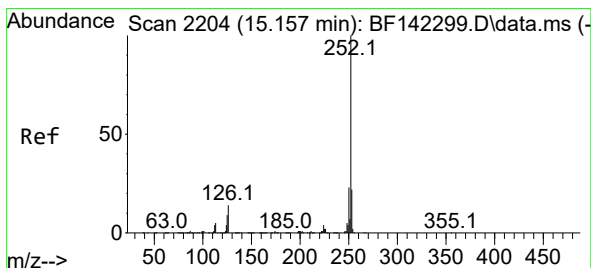
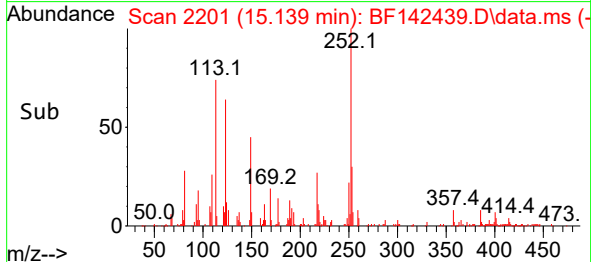
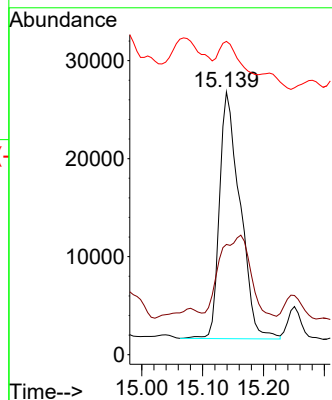
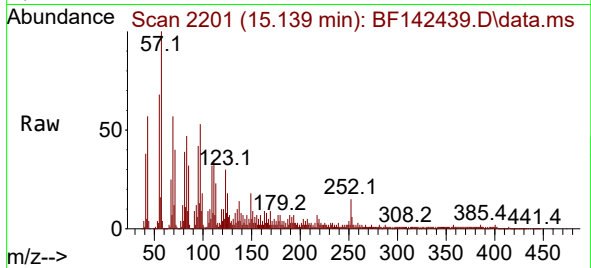




#88
Benzo(b)fluoranthene
Concen: 7.442 ng
RT: 15.139 min Scan# 2198
Delta R.T. 0.018 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

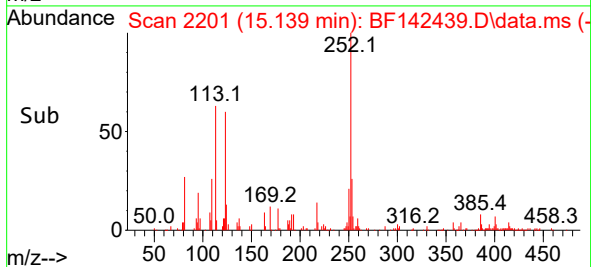
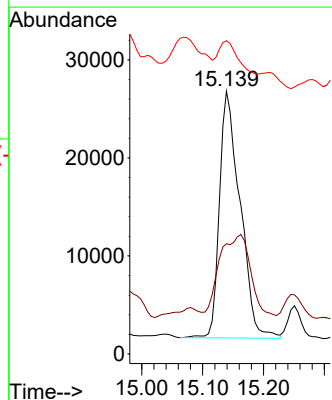
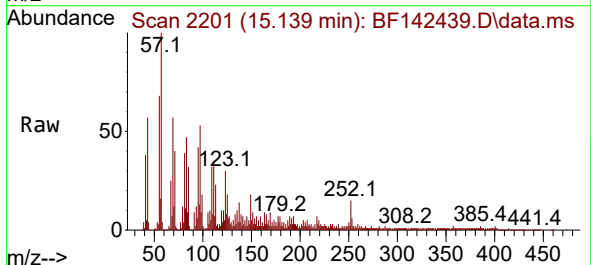
Instrument :
BNA_F
ClientSampleId :
72-12000

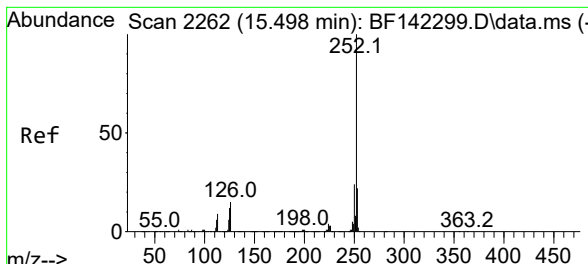
Tgt Ion:252 Resp: 59192
Ion Ratio Lower Upper
252 100
253 42.0 17.7 26.5#
125 119.3 8.7 13.1#



#89
Benzo(k)fluoranthene
Concen: 8.132 ng
RT: 15.139 min Scan# 2201
Delta R.T. -0.018 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

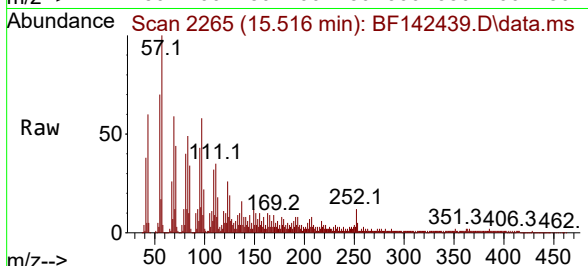
Tgt Ion:252 Resp: 59192
Ion Ratio Lower Upper
252 100
253 42.0 17.6 26.4#
125 119.3 8.1 12.1#





#90
Benzo(a)pyrene
Concen: 3.915 ng
RT: 15.516 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF142439.D
Acq: 16 May 2025 21:08

Instrument :
BNA_F
ClientSampleId :
72-12000



Tgt Ion:252 Resp: 27906
Ion Ratio Lower Upper
252 100
253 36.2 17.8 26.6#
125 151.0 9.4 14.0#

