

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
 Data File : BF141302.D
 Acq On : 30 Jan 2025 09:20
 Operator : RC/JU
 Sample : PB166216BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166216BL

Quant Time: Jan 30 10:13:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	148456	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	598873	20.000	ng	-0.01
39) Acenaphthene-d10	9.833	164	327034	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	565086	20.000	ng	0.00
76) Chrysene-d12	13.963	240	352407	20.000	ng	-0.01
86) Perylene-d12	15.433	264	282065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1146726	118.584	ng	0.00
7) Phenol-d6	6.428	99	1420365	115.461	ng	-0.01
23) Nitrobenzene-d5	7.357	82	930682	81.924	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	358268	119.496	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1679961	79.068	ng	0.00
79) Terphenyl-d14	12.916	244	1858915	81.349	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.493	79	890	0.087	ng	# 60
6) Aniline	6.463	93	1163	0.112	ng	# 66
9) Benzaldehyde	6.428	77	2154	0.302	ng	# 1
10) Phenol	6.434	94	504	0.039	ng	# 1
11) bis(2-Chloroethyl)ether	6.463	93	1163	0.116	ng	# 17
15) Benzyl Alcohol	6.798	79	3920	0.466	ng	# 24
19) n-Nitroso-di-n-propyla...	7.357	70	123894	16.949	ng	# 75
24) Nitrobenzene	7.357	77	2860	0.243	ng	# 36
25) Isophorone	7.357	82	923854	47.046	ng	# 65
28) bis(2-Chloroethoxy)met...	8.081	93	122	0.010	ng	# 1
31) Naphthalene	8.098	128	59	0.002	ng	# 69
33) 4-Chloroaniline	8.163	127	578	0.054	ng	# 46
37) 2-Methylnaphthalene	8.786	142	110	0.005	ng	# 5
38) 1-Methylnaphthalene	9.157	142	862	0.044	ng	# 85
46) 1,1'-Biphenyl	9.251	154	144	0.006	ng	# 43
48) 2-Nitroaniline	9.151	65	3198	0.511	ng	# 1
50) Dimethylphthalate	9.833	163	47746	2.162	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	42131	8.215	ng	# 23
52) Acenaphthene	9.833	154	1105	0.056	ng	# 5
55) Dibenzofuran	10.039	168	132	0.005	ng	# 44
57) 2,4-Dinitrotoluene	9.833	165	42131	6.345	ng	# 23
58) Fluorene	10.622	166	15729	0.762	ng	# 85
63) Azobenzene	10.622	77	1726	0.081	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.622	198	872	0.261	ng	# 1
66) n-Nitrosodiphenylamine	10.622	169	10999	0.602	ng	# 47
67) 4-Bromophenyl-phenylether	10.622	248	24332	3.846	ng	# 1
71) Phenanthrene	11.322	178	190	0.006	ng	# 1
72) Anthracene	11.322	178	190	0.006	ng	# 1
75) Fluoranthene	12.769	202	204	0.007	ng	# 64
77) Benzidine	12.663	184	7044	0.623	ng	# 98
78) Pyrene	12.769	202	204	0.006	ng	# 57
81) Benzo(a)anthracene	13.963	228	1125	0.046	ng	# 66
83) Chrysene	13.963	228	1125	0.050	ng	# 63
90) Benzo(a)pyrene	15.433	252	713	0.048	ng	# 67

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
Data File : BF141302.D
Acq On : 30 Jan 2025 09:20
Operator : RC/JU
Sample : PB166216BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

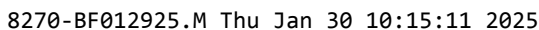
Instrument :
BNA_F
ClientSampleId :
PB166216BL

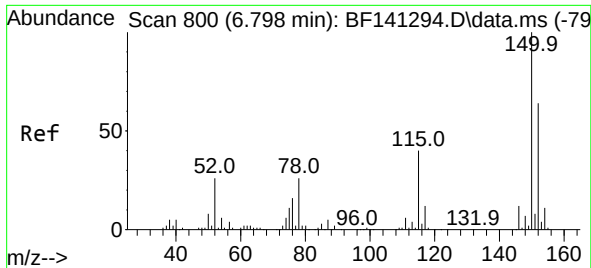
Quant Time: Jan 30 10:13:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

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

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

Quant Time: Jan 30 10:13:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

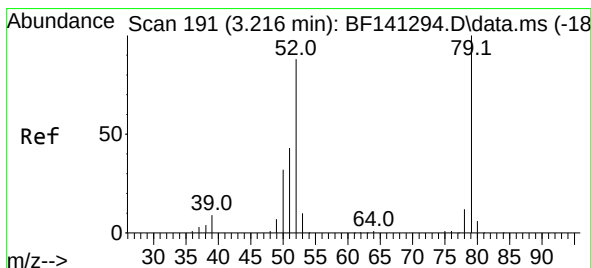
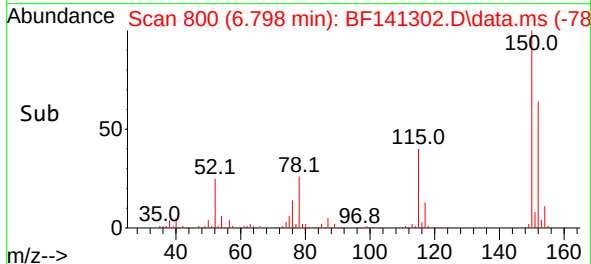
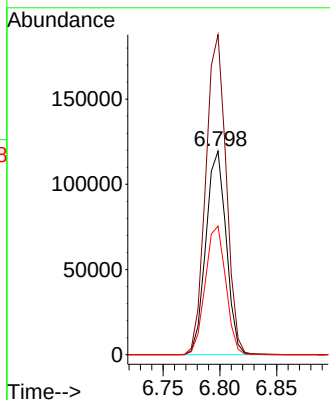
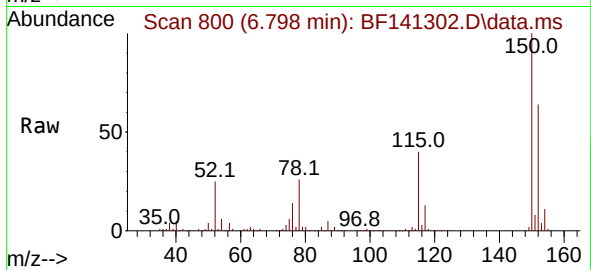




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

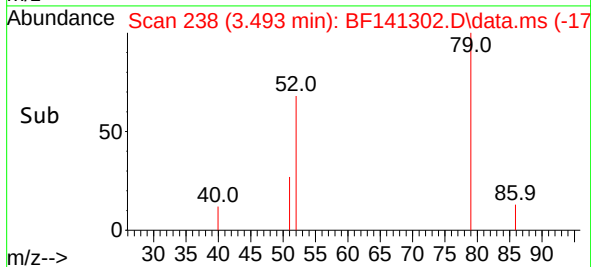
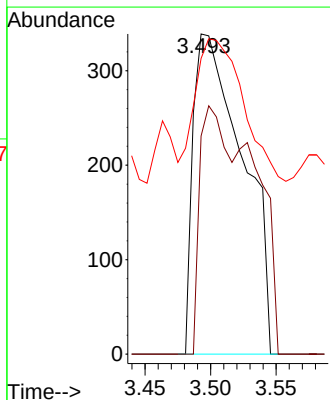
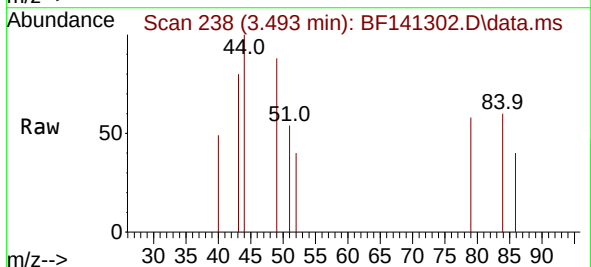
Instrument :
BNA_F
ClientSampleId :
PB166216BL

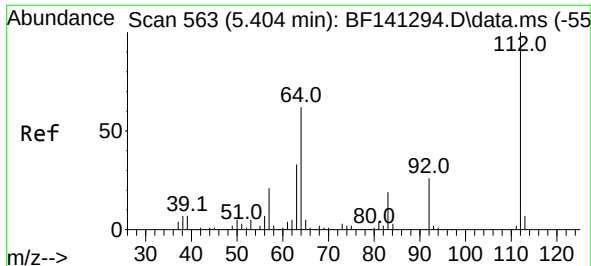
Tgt Ion:152 Resp: 148456
Ion Ratio Lower Upper
152 100
150 157.3 125.9 188.9
115 63.2 49.7 74.5



#3
Pyridine
Concen: 0.087 ng
RT: 3.493 min Scan# 238
Delta R.T. 0.265 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

Tgt Ion: 79 Resp: 890
Ion Ratio Lower Upper
79 100
52 68.1 70.3 105.5#
51 92.3 34.3 51.5#

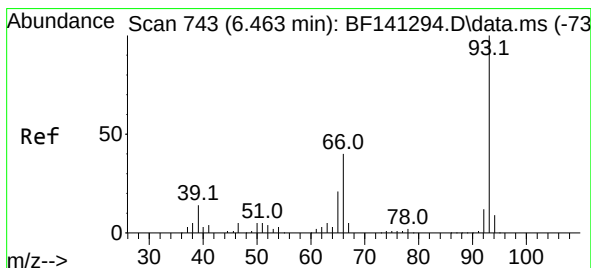
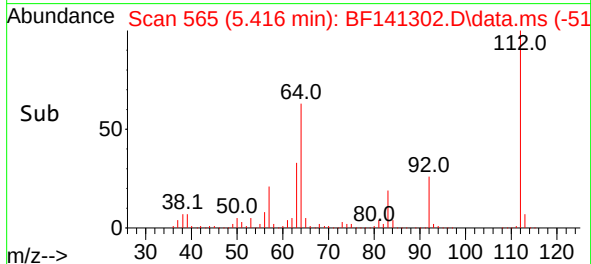
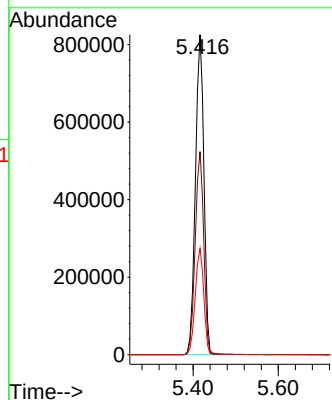
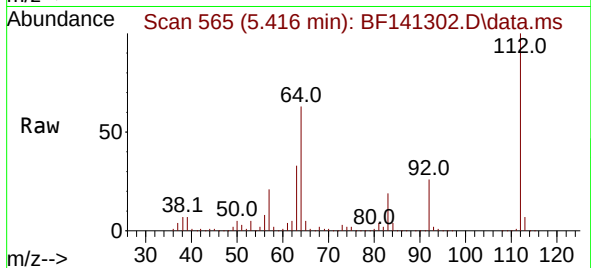




#5
2-Fluorophenol
Concen: 118.584 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

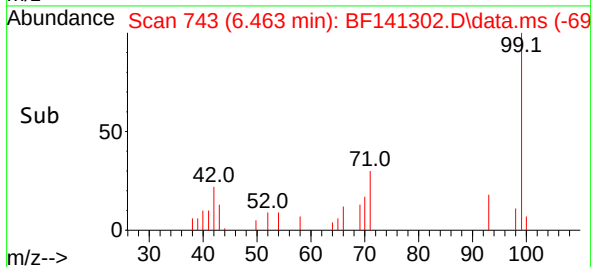
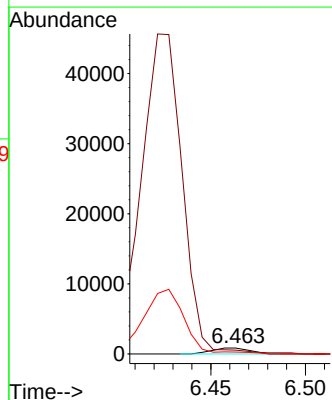
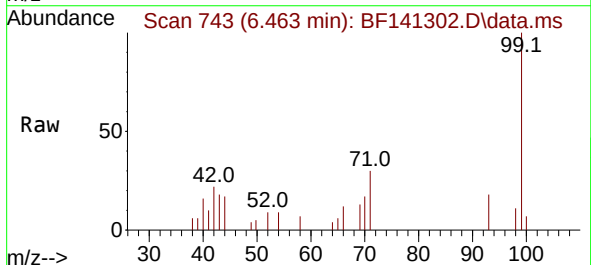
Instrument :
BNA_F
ClientSampleId :
PB166216BL

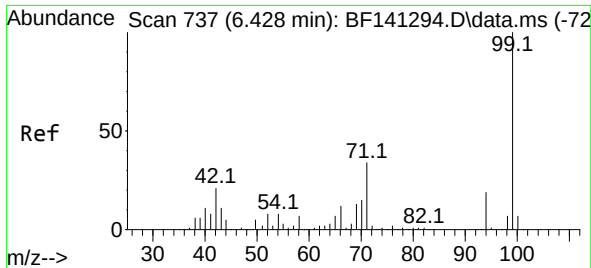
Tgt Ion:112 Resp: 1146726
Ion Ratio Lower Upper
112 100
64 63.4 49.8 74.8
63 33.2 26.1 39.1



#6
Aniline
Concen: 0.112 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

Tgt Ion: 93 Resp: 1163
Ion Ratio Lower Upper
93 100
66 65.0 32.5 48.7#
65 32.5 17.0 25.6#

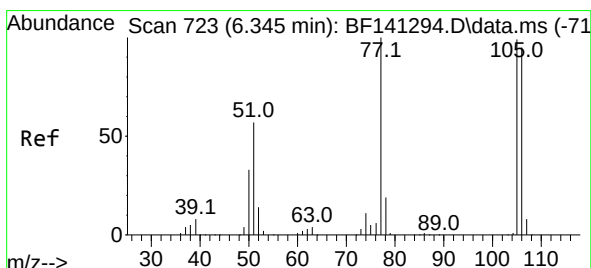
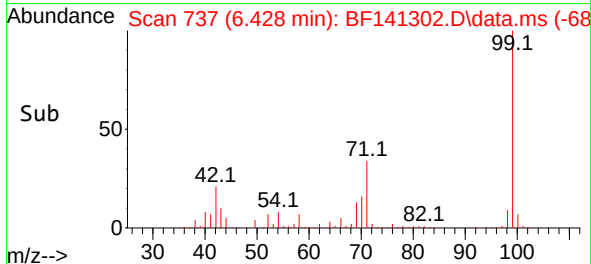
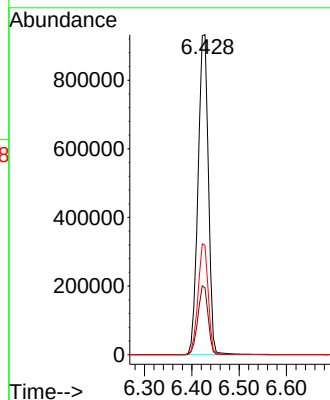
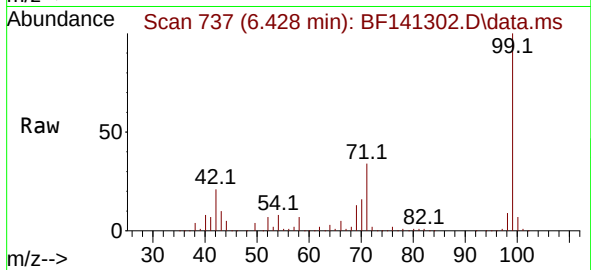




#7
Phenol-d6
Concen: 115.461 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

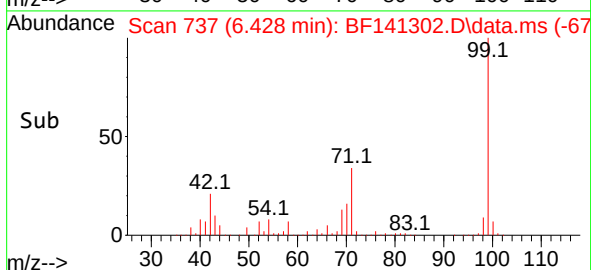
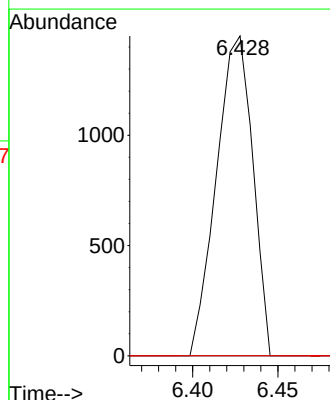
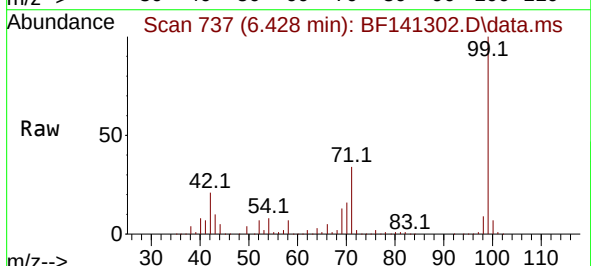
Instrument :
BNA_F
ClientSampleId :
PB166216BL

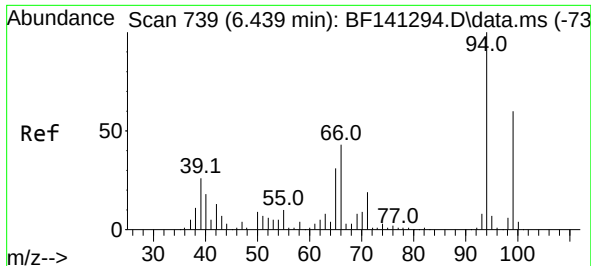
Tgt Ion: 99 Resp: 1420365
Ion Ratio Lower Upper
99 100
42 20.9 17.1 25.7
71 34.2 26.9 40.3



#9
Benzaldehyde
Concen: 0.302 ng
RT: 6.428 min Scan# 737
Delta R.T. 0.076 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

Tgt Ion: 77 Resp: 2154
Ion Ratio Lower Upper
77 100
105 0.0 79.4 119.4#
106 0.0 74.6 114.6#





#10

Phenol

Concen: 0.039 ng

RT: 6.434 min Scan# 710

Delta R.T. -0.018 min

Lab File: BF141302.D

Acq: 30 Jan 2025 09:20

Instrument :

BNA_F

ClientSampleId :

PB166216BL

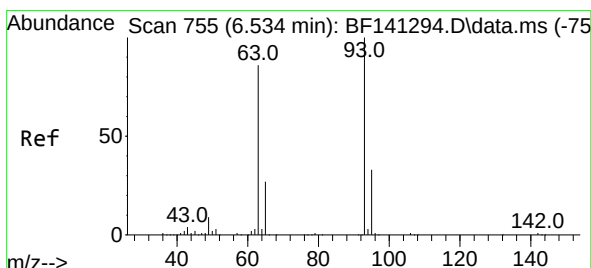
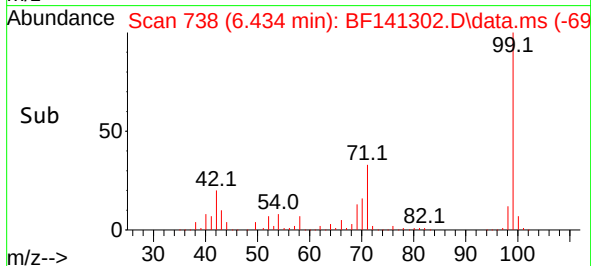
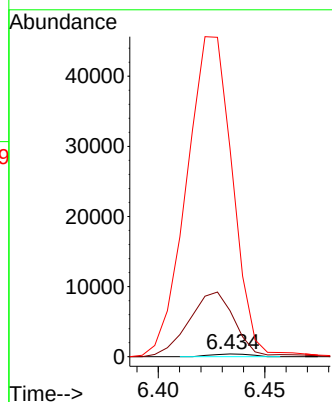
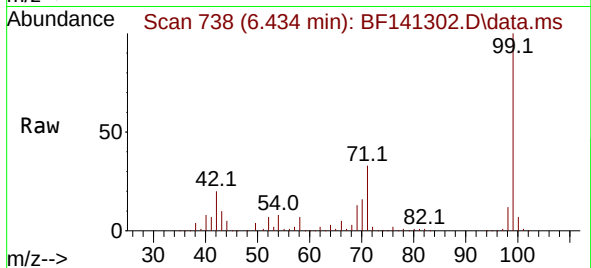
Tgt Ion: 94 Resp: 504

Ion Ratio Lower Upper

94 100

65 1692.5 10.8 50.8#

66 7674.2 23.3 63.3#



#11

bis(2-Chloroethyl)ether

Concen: 0.116 ng

RT: 6.463 min Scan# 743

Delta R.T. -0.082 min

Lab File: BF141302.D

Acq: 30 Jan 2025 09:20

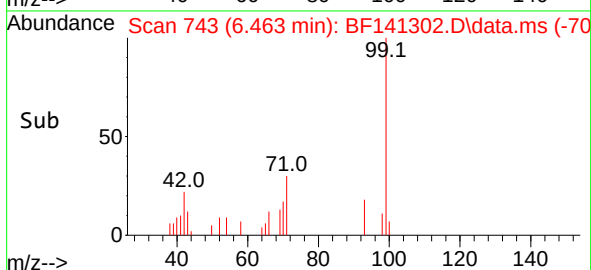
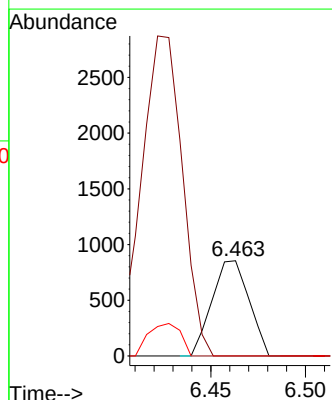
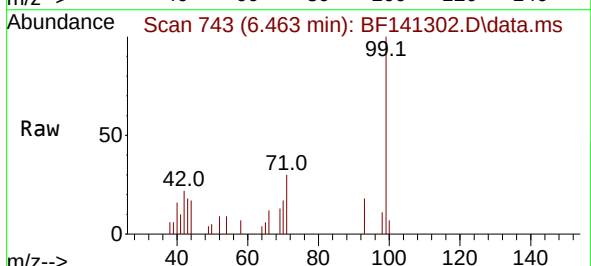
Tgt Ion: 93 Resp: 1163

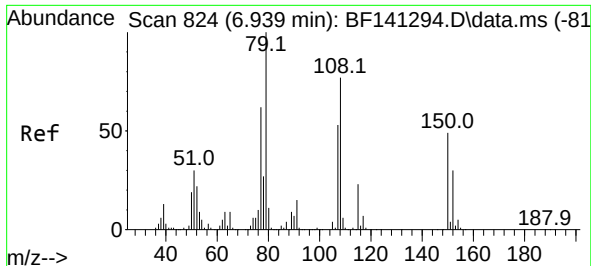
Ion Ratio Lower Upper

93 100

63 0.0 65.0 105.0#

95 0.0 12.4 52.4#

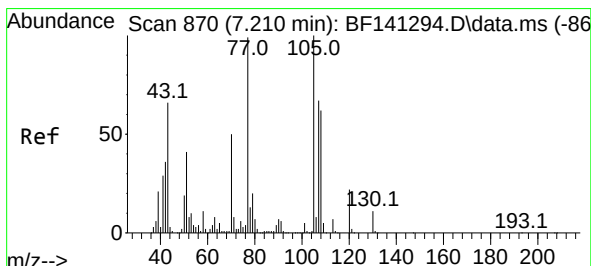
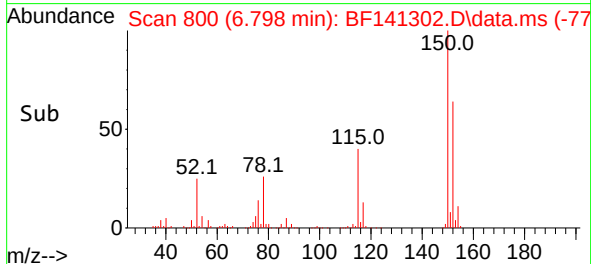
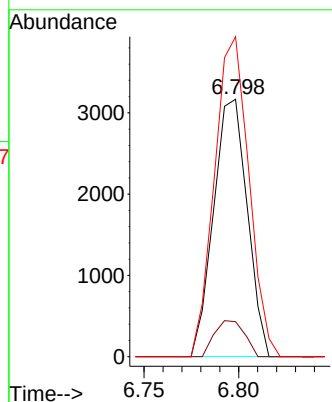
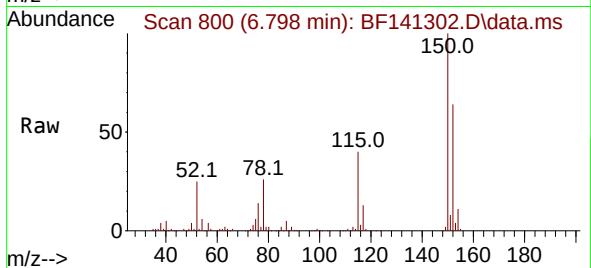




#15
Benzyl Alcohol
Concen: 0.466 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.147 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

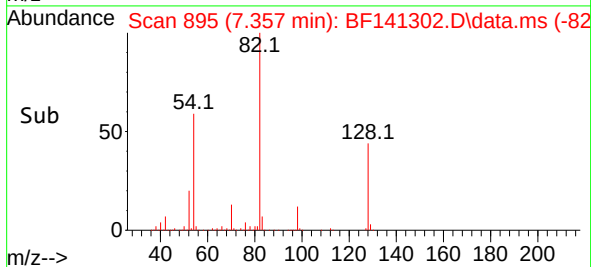
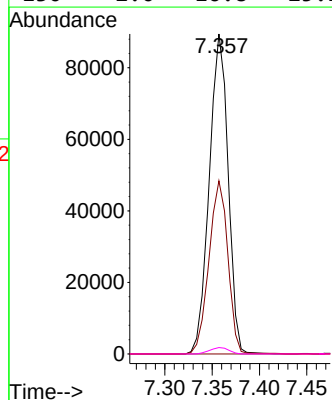
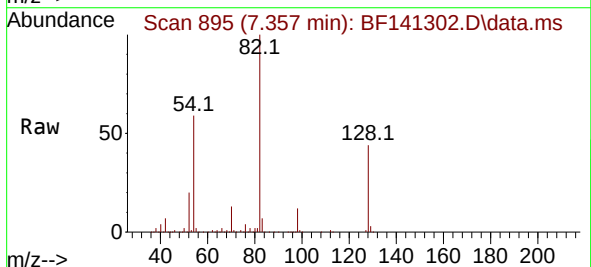
Instrument :
BNA_F
ClientSampleId :
PB166216BL

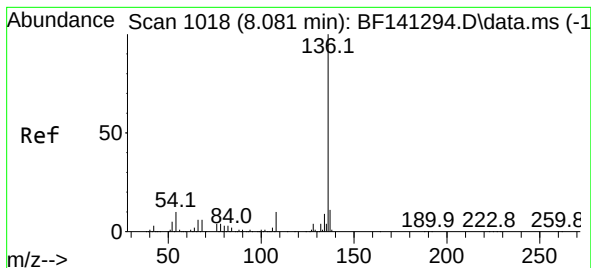
Tgt Ion: 79 Resp: 3920
Ion Ratio Lower Upper
79 100
108 13.6 61.4 92.0#
77 124.3 49.9 74.9#



#19
n-Nitroso-di-n-propylamine
Concen: 16.949 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

Tgt Ion: 70 Resp: 123894
Ion Ratio Lower Upper
70 100
42 54.1 56.8 85.2#
101 0.0 7.7 11.5#
130 2.0 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1017

Delta R.T. -0.012 min

Lab File: BF141302.D

Acq: 30 Jan 2025 09:20

Instrument :

BNA_F

ClientSampleId :

PB166216BL

Tgt Ion:136 Resp: 598873

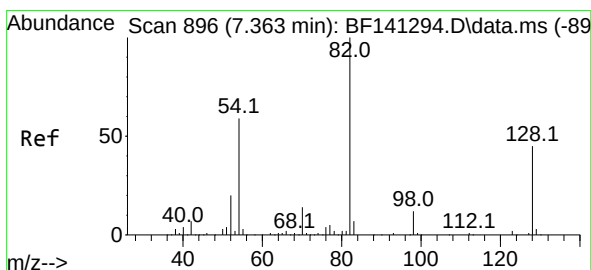
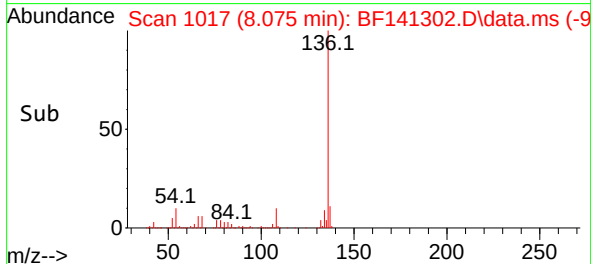
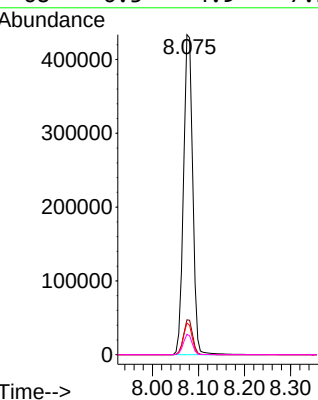
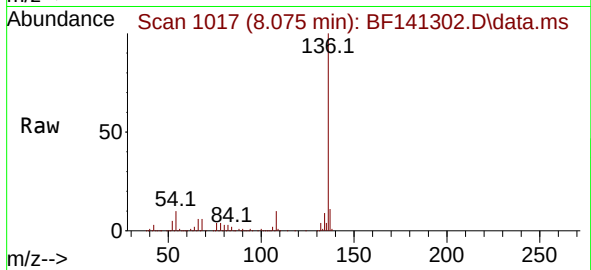
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.9 7.8 11.8

68 6.3 4.9 7.3



#23

Nitrobenzene-d5

Concen: 81.924 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141302.D

Acq: 30 Jan 2025 09:20

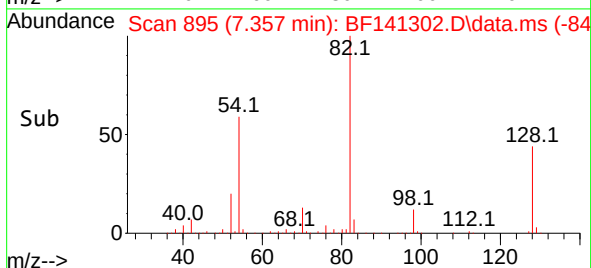
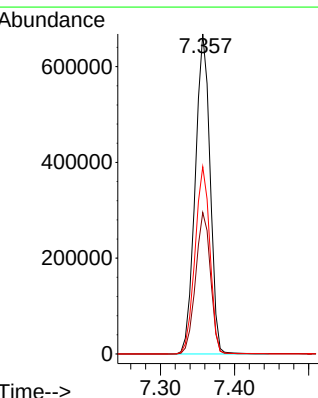
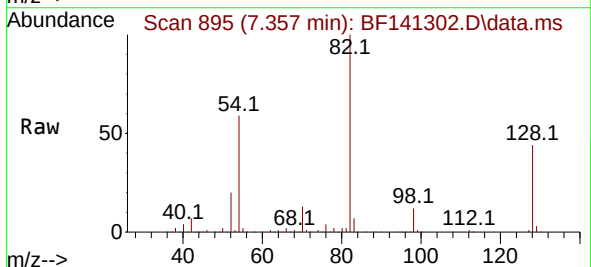
Tgt Ion: 82 Resp: 930682

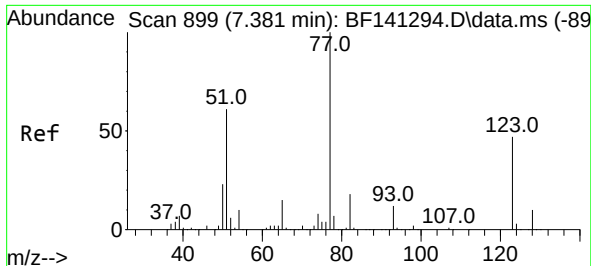
Ion Ratio Lower Upper

82 100

128 44.2 35.7 53.5

54 58.5 47.1 70.7

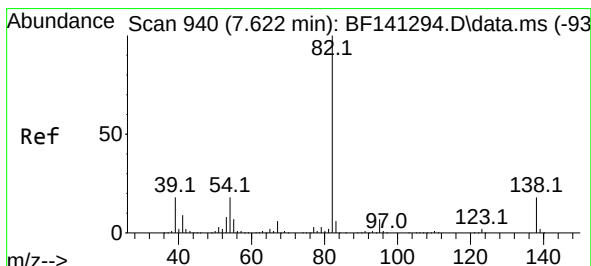
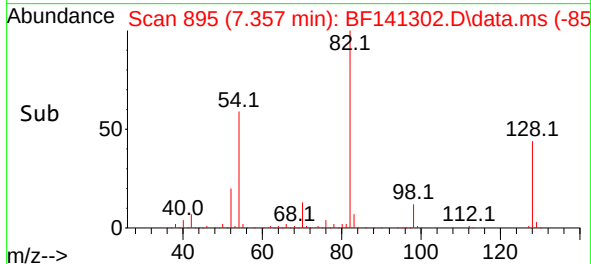
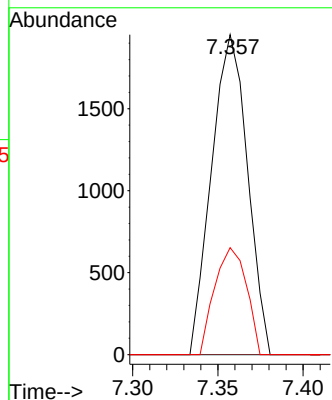
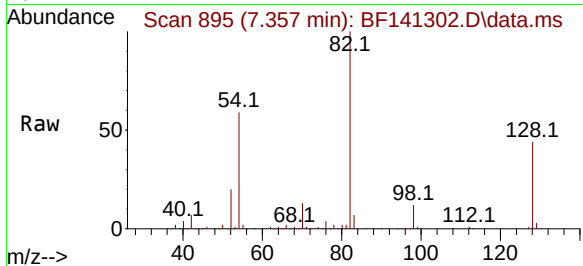




#24
Nitrobenzene
Concen: 0.243 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.035 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

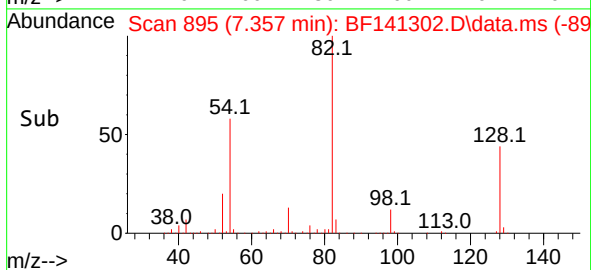
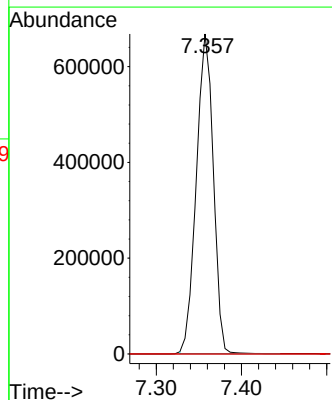
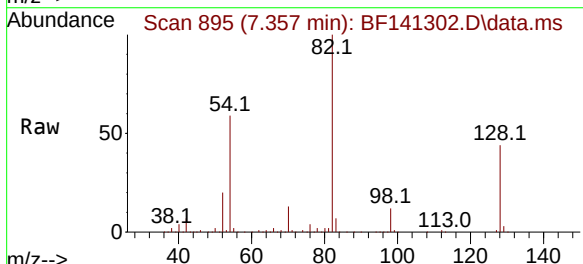
Instrument :
BNA_F
ClientSampleId :
PB166216BL

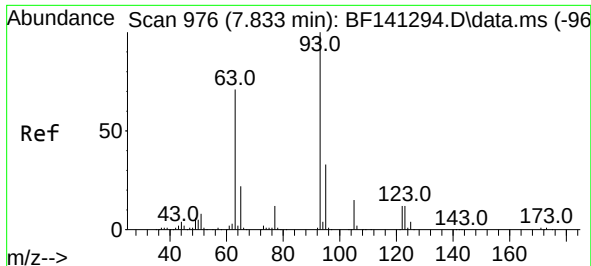
Tgt Ion: 77 Resp: 2860
Ion Ratio Lower Upper
77 100
123 0.0 37.3 55.9#
65 33.5 11.8 17.6#



#25
Isophorone
Concen: 47.046 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

Tgt Ion: 82 Resp: 923854
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#

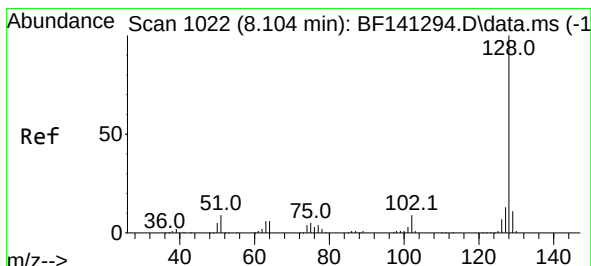
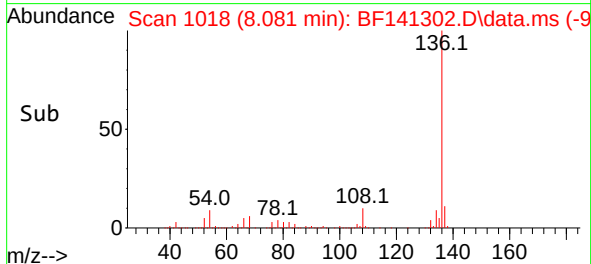
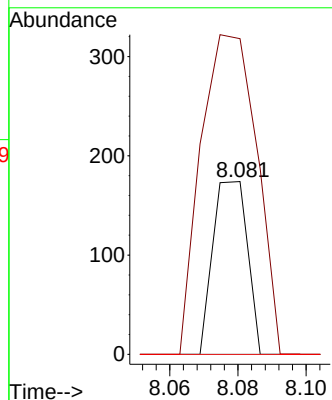
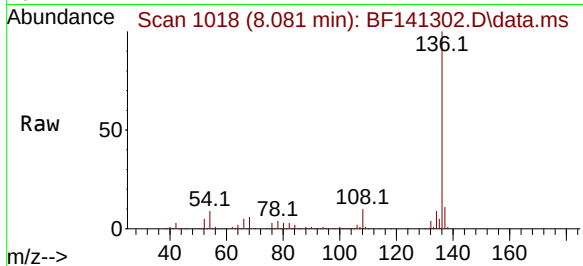




#28
bis(2-Chloroethoxy)methane
Concen: 0.010 ng
RT: 8.081 min Scan# 1018
Delta R.T. 0.241 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

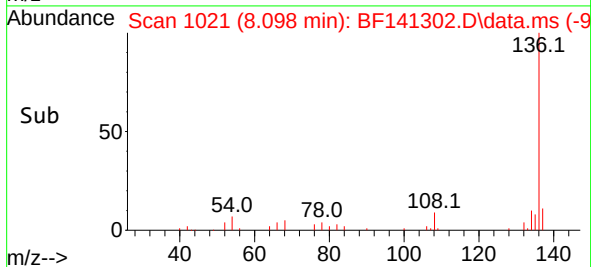
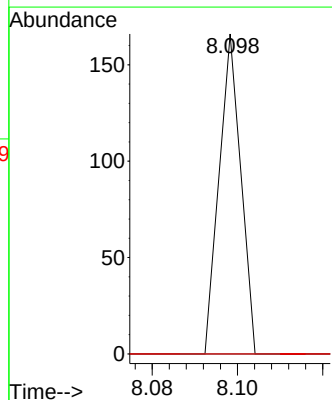
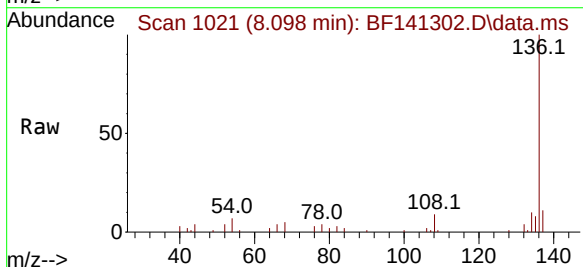
Instrument :
BNA_F
ClientSampleId :
PB166216BL

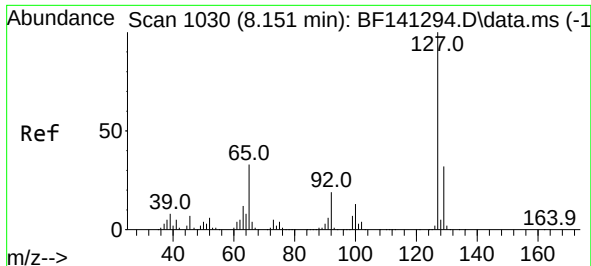
Tgt Ion: 93 Resp: 122
Ion Ratio Lower Upper
93 100
95 182.8 26.2 39.2#
123 0.0 10.2 15.4#



#31
Naphthalene
Concen: 0.002 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

Tgt Ion: 128 Resp: 59
Ion Ratio Lower Upper
128 100
129 0.0 8.9 13.3#
127 0.0 10.6 15.8#

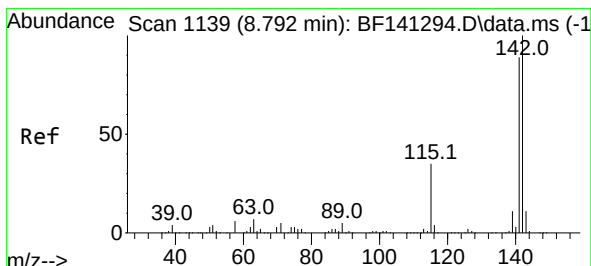
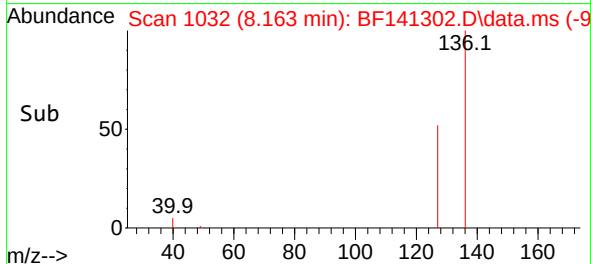
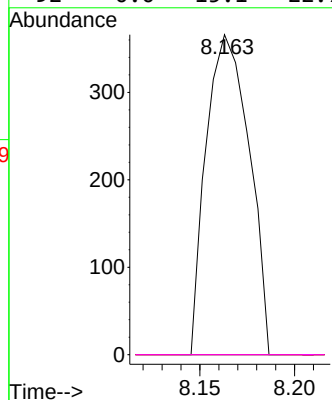
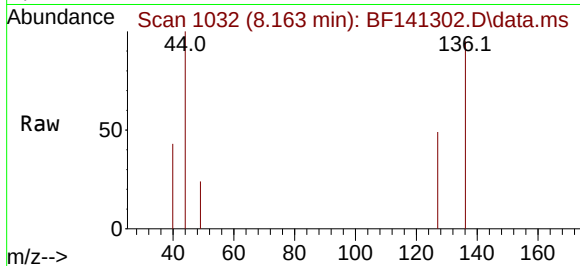




#33
4-Chloroaniline
Concen: 0.054 ng
RT: 8.163 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

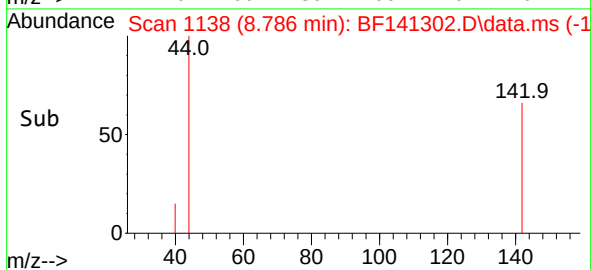
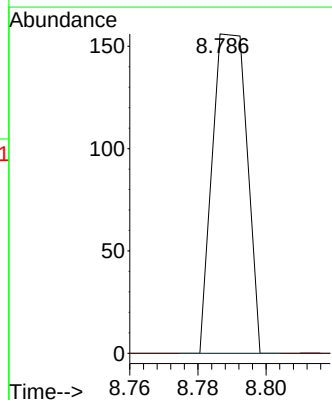
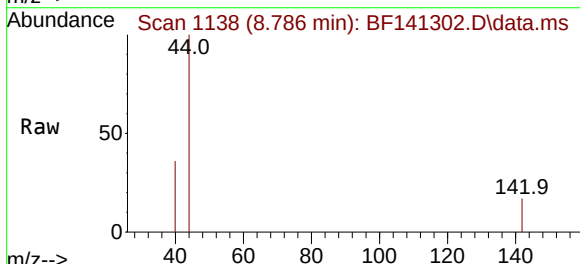
Instrument :
BNA_F
ClientSampleId :
PB166216BL

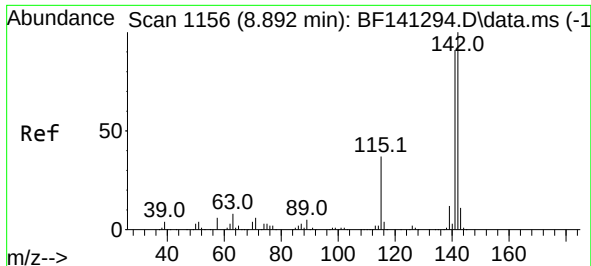
Tgt Ion:127	Resp:	578
Ion	Ratio	Lower Upper
127	100	
129	0.0	25.7 38.5#
65	0.0	26.4 39.6#
92	0.0	15.1 22.7#



#37
2-Methylnaphthalene
Concen: 0.005 ng
RT: 8.786 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

Tgt Ion:142	Resp:	110
Ion	Ratio	Lower Upper
142	100	
141	0.0	71.3 106.9#

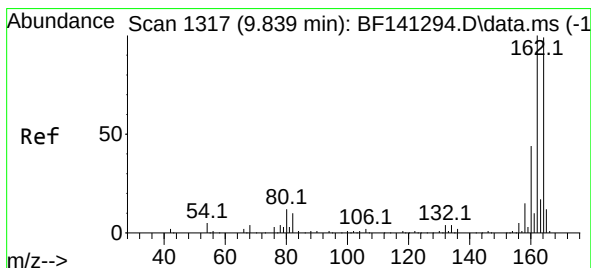
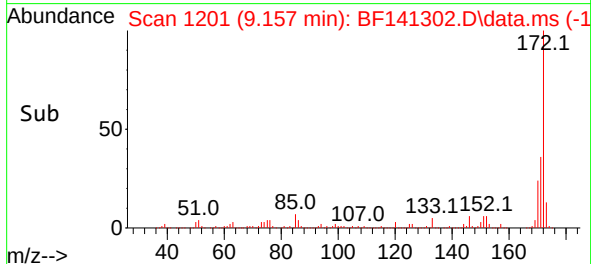
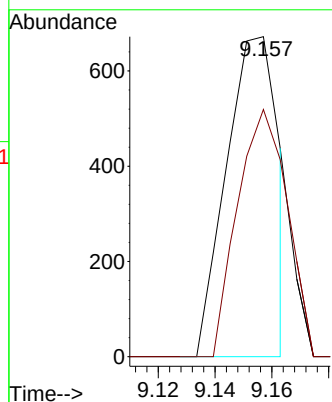
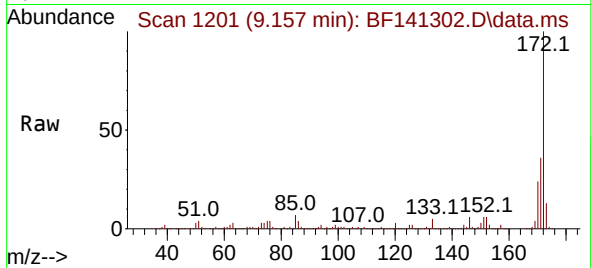




#38
1-Methylnaphthalene
Concen: 0.044 ng
RT: 9.157 min Scan# 1156
Delta R.T. 0.259 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

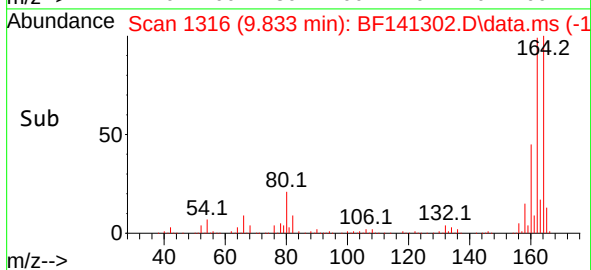
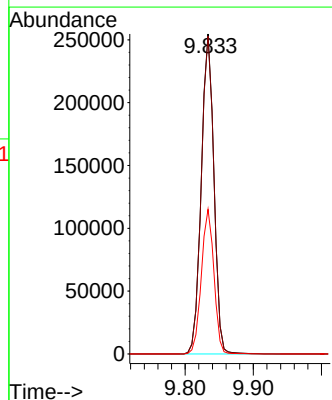
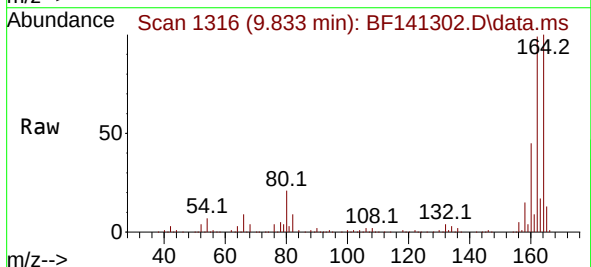
Instrument :
BNA_F
ClientSampleId :
PB166216BL

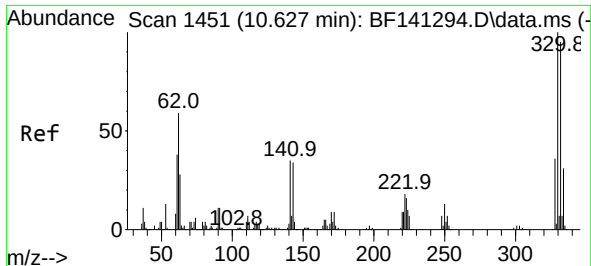
Tgt Ion:142 Resp: 862
Ion Ratio Lower Upper
142 100
141 77.2 73.2 109.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

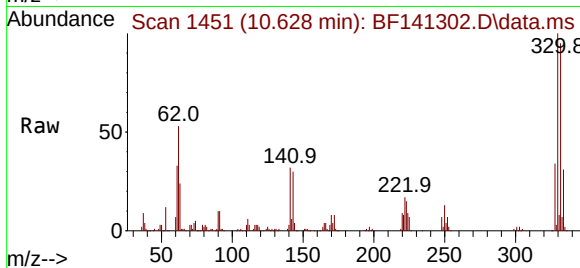
Tgt Ion:164 Resp: 327034
Ion Ratio Lower Upper
164 100
162 99.4 80.6 121.0
160 45.2 35.8 53.6



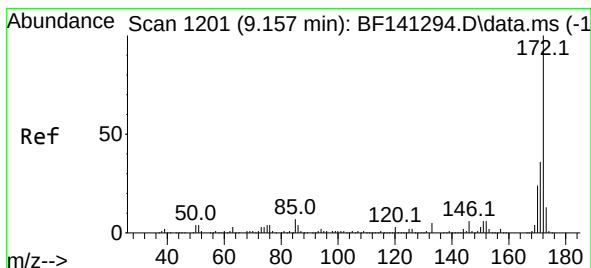
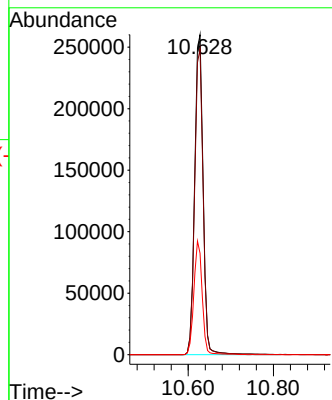
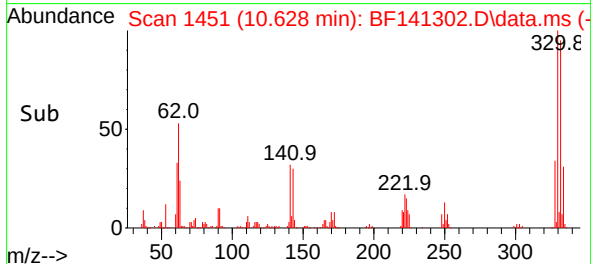


#42
 2,4,6-Tribromophenol
 Concen: 119.496 ng
 RT: 10.628 min Scan# 1451
 Delta R.T. -0.006 min
 Lab File: BF141302.D
 Acq: 30 Jan 2025 09:20

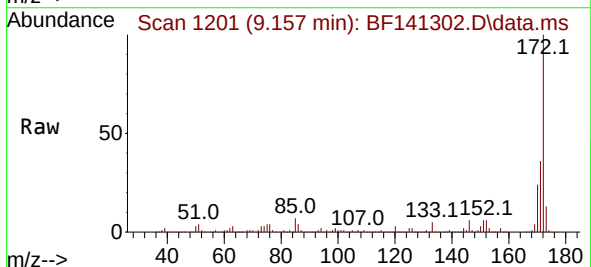
Instrument :
 BNA_F
 ClientSampleId :
 PB166216BL



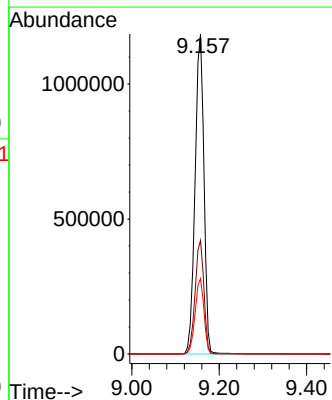
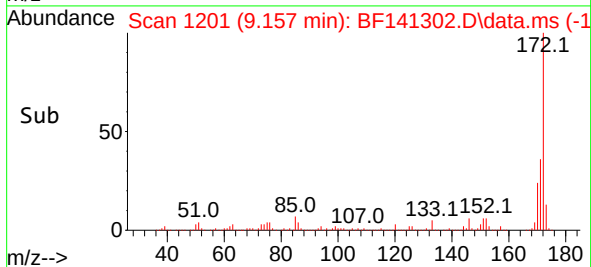
Tgt Ion: 330 Resp: 358268
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.1 114.1
 141 35.1 28.8 43.2

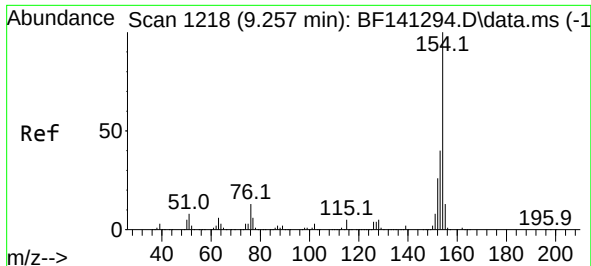


#45
 2-Fluorobiphenyl
 Concen: 79.068 ng
 RT: 9.157 min Scan# 1201
 Delta R.T. -0.006 min
 Lab File: BF141302.D
 Acq: 30 Jan 2025 09:20



Tgt Ion: 172 Resp: 1679961
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.8 43.2
 170 23.6 19.0 28.6





#46

1,1'-Biphenyl

Concen: 0.006 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141302.D

Acq: 30 Jan 2025 09:20

Instrument :

BNA_F

ClientSampleId :

PB166216BL

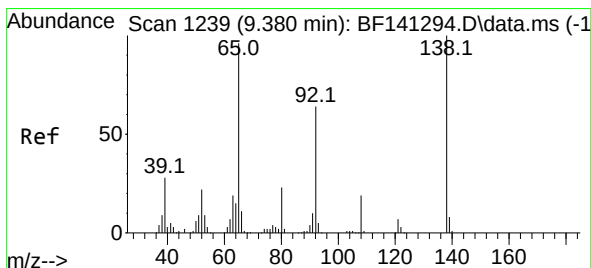
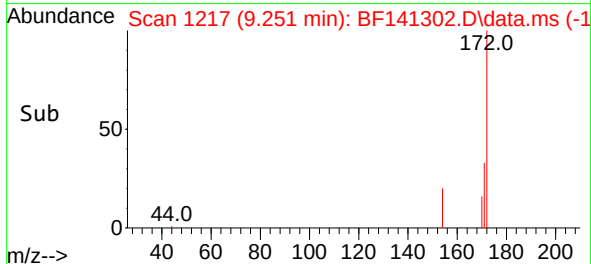
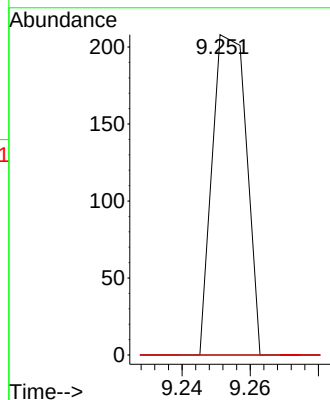
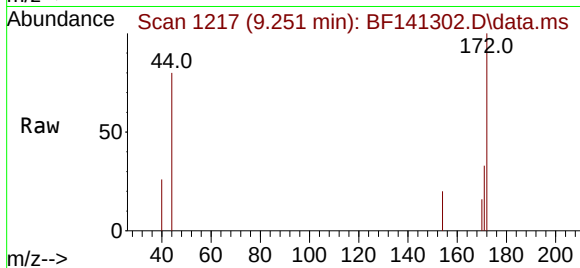
Tgt Ion:154 Resp: 144

Ion Ratio Lower Upper

154 100

153 0.0 20.0 60.0#

76 0.0 0.0 32.8



#48

2-Nitroaniline

Concen: 0.511 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.230 min

Lab File: BF141302.D

Acq: 30 Jan 2025 09:20

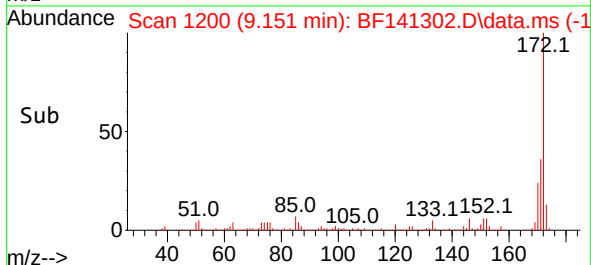
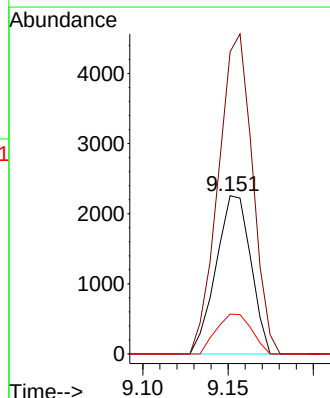
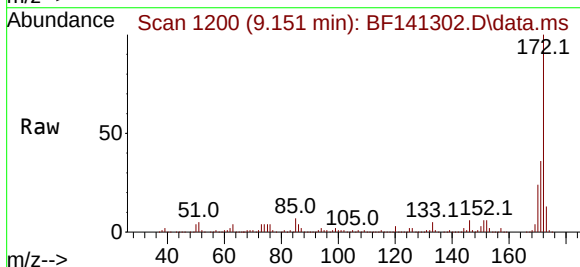
Tgt Ion: 65 Resp: 3198

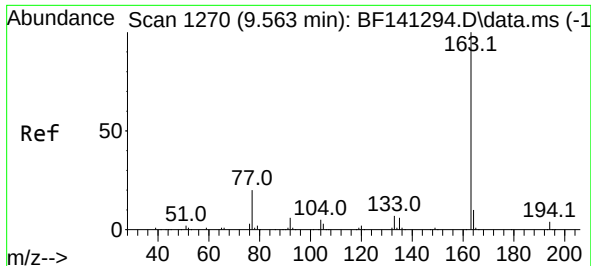
Ion Ratio Lower Upper

65 100

92 191.0 53.3 79.9#

138 25.2 83.6 125.4#

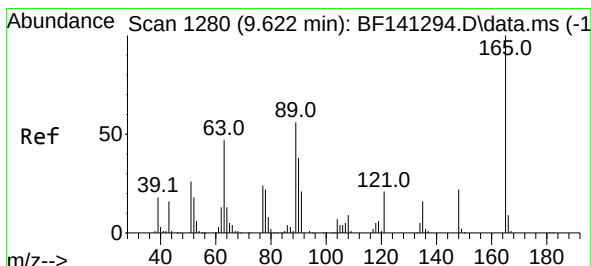
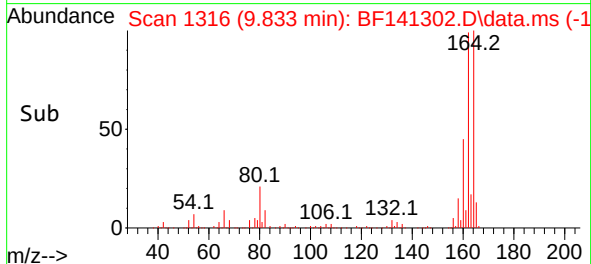
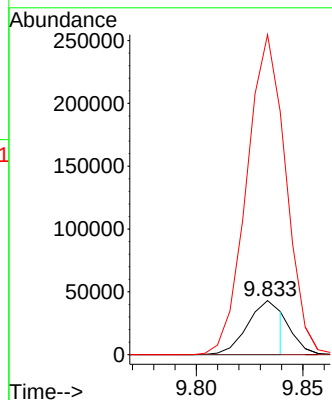
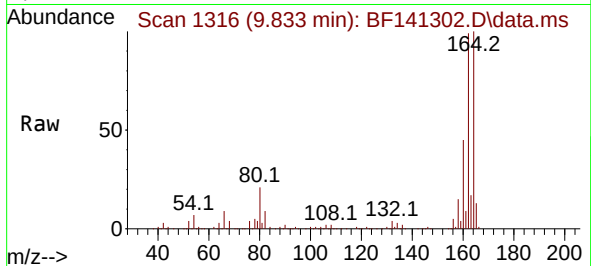




#50
Dimethylphthalate
Concen: 2.162 ng
RT: 9.833 min Scan# 1316
Delta R.T. 0.265 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

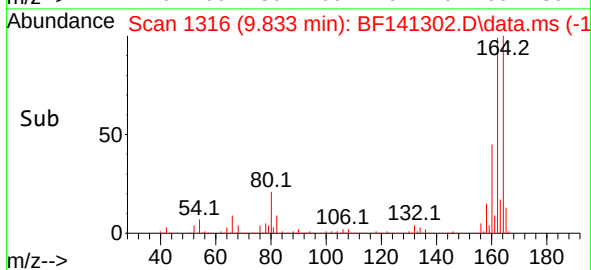
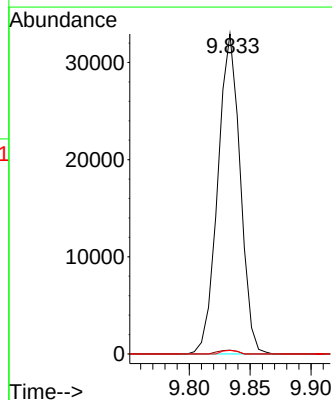
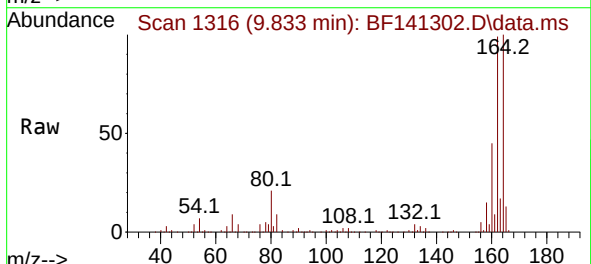
Instrument :
BNA_F
ClientSampleId :
PB166216BL

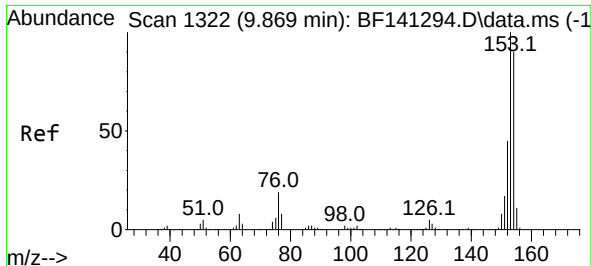
Tgt Ion:163 Resp: 47746
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 592.1 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.215 ng
RT: 9.833 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

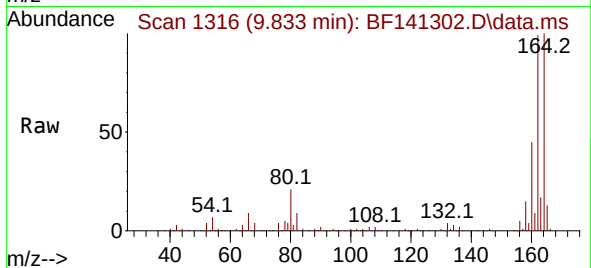
Tgt Ion:165 Resp: 42131
Ion Ratio Lower Upper
165 100
63 1.2 48.1 72.1#
89 1.1 44.9 67.3#



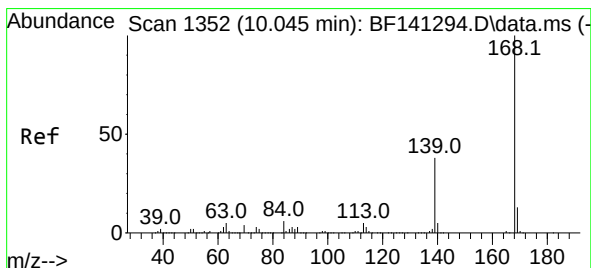
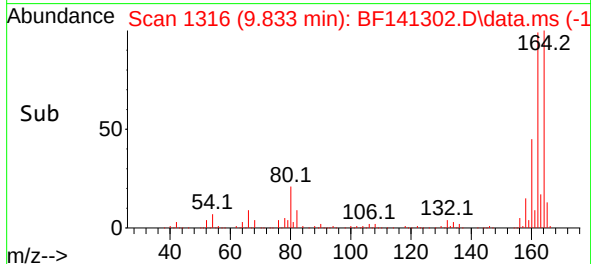
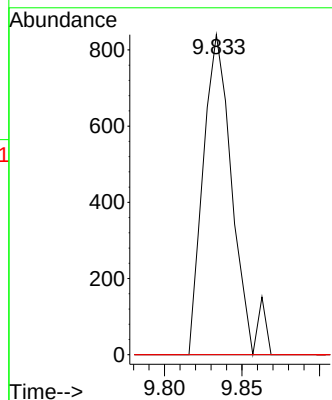


#52
Acenaphthene
Concen: 0.056 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

Instrument :
BNA_F
ClientSampleId :
PB166216BL

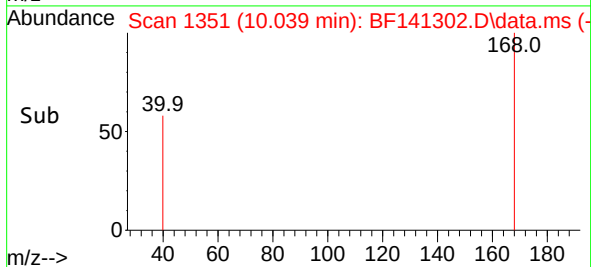
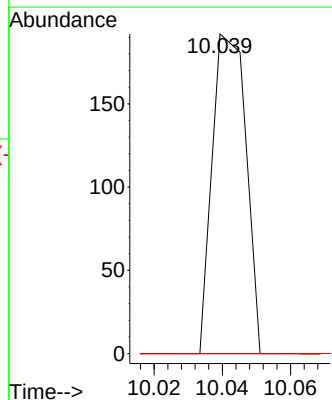
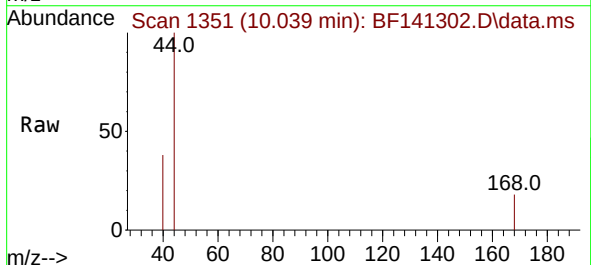


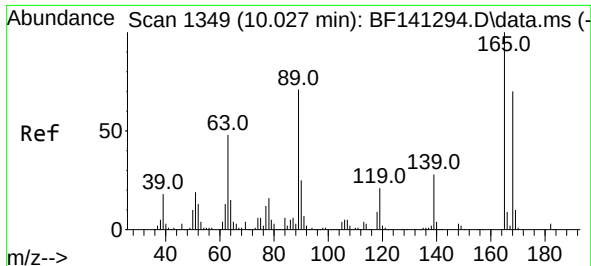
Tgt Ion:154 Resp: 1105
Ion Ratio Lower Upper
154 100
153 0.0 89.0 133.4#
152 0.0 40.2 60.4#



#55
Dibenzofuran
Concen: 0.005 ng
RT: 10.039 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

Tgt Ion:168 Resp: 132
Ion Ratio Lower Upper
168 100
139 0.0 30.6 46.0#
169 0.0 10.8 16.2#

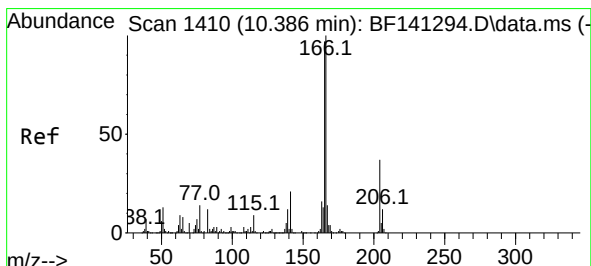
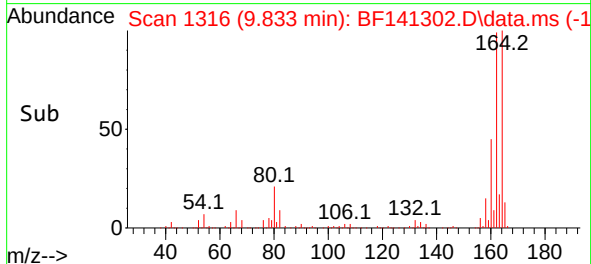
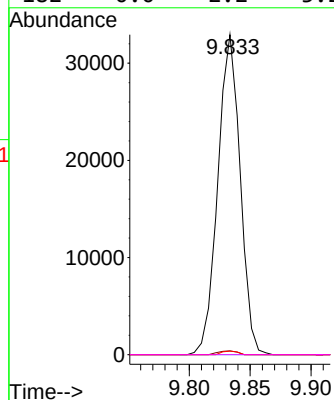
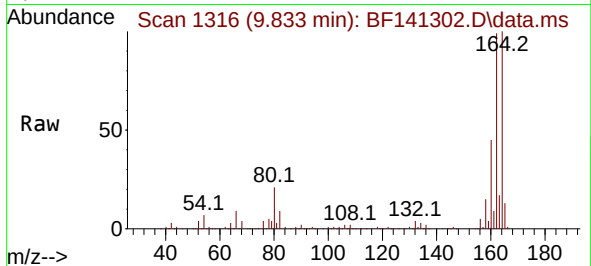




#57
2,4-Dinitrotoluene
Concen: 6.345 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

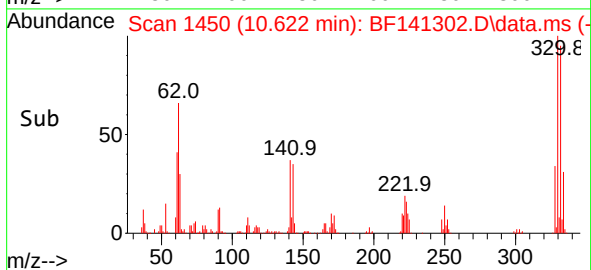
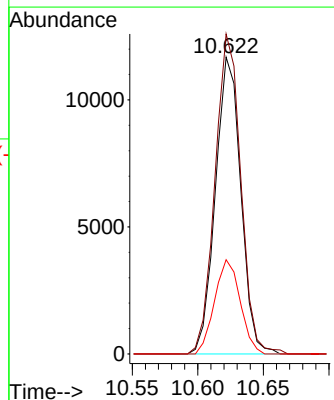
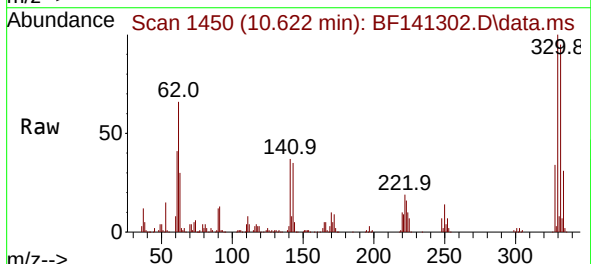
Instrument :
BNA_F
ClientSampleId :
PB166216BL

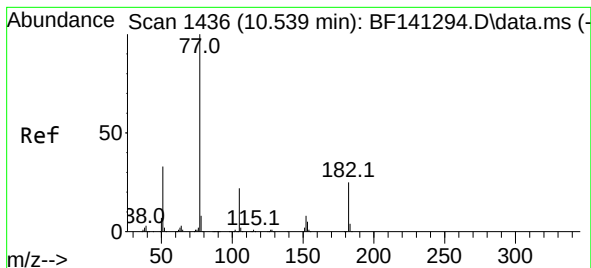
Tgt Ion:165 Resp: 42131
Ion Ratio Lower Upper
165 100
63 1.2 39.2 58.8#
89 1.1 56.9 85.3#
182 0.0 2.2 3.2#



#58
Fluorene
Concen: 0.762 ng
RT: 10.622 min Scan# 1450
Delta R.T. 0.229 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

Tgt Ion:166 Resp: 15729
Ion Ratio Lower Upper
166 100
165 107.8 77.5 116.3
167 31.8 10.9 16.3#





#63

Azobenzene

Concen: 0.081 ng

RT: 10.622 min Scan# 1436

Delta R.T. 0.076 min

Lab File: BF141302.D

Acq: 30 Jan 2025 09:20

Instrument :

BNA_F

ClientSampleId :

PB166216BL

Tgt Ion: 77 Resp: 1726

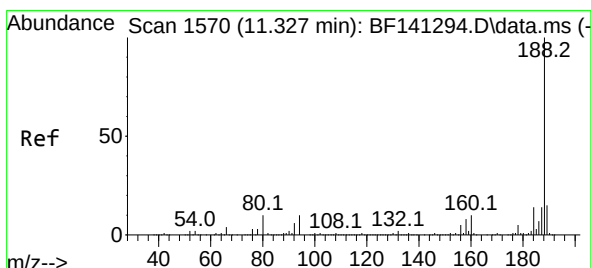
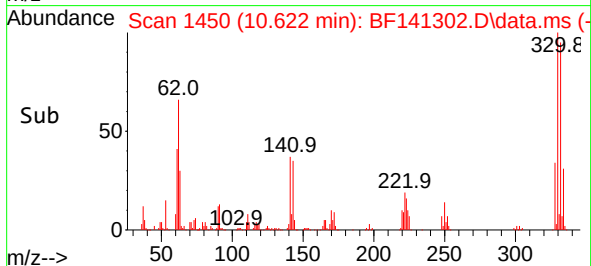
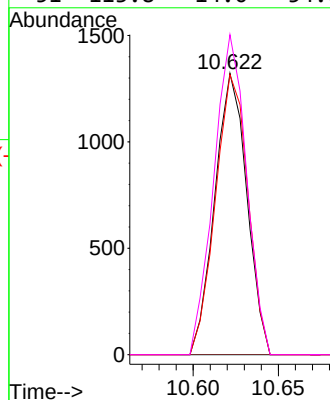
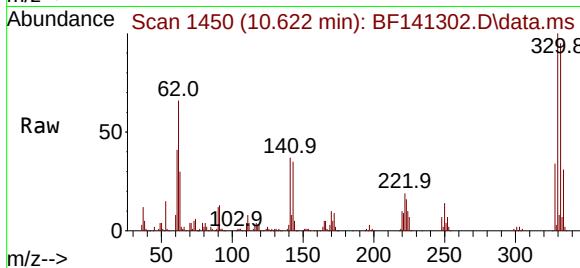
Ion Ratio Lower Upper

77 100

182 0.0 5.1 45.1#

105 99.5 1.8 41.8#

51 113.8 14.0 54.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF141302.D

Acq: 30 Jan 2025 09:20

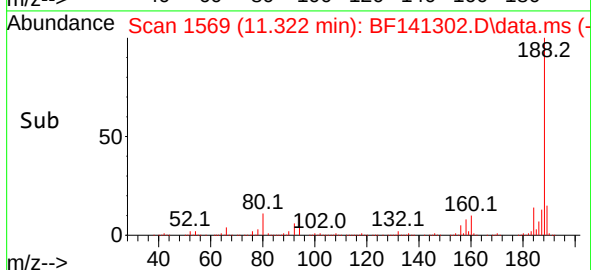
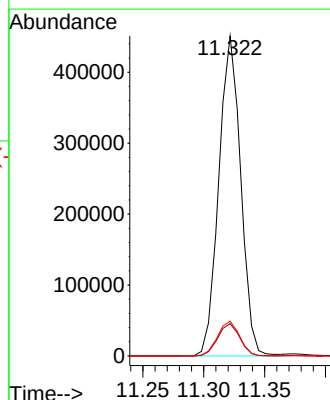
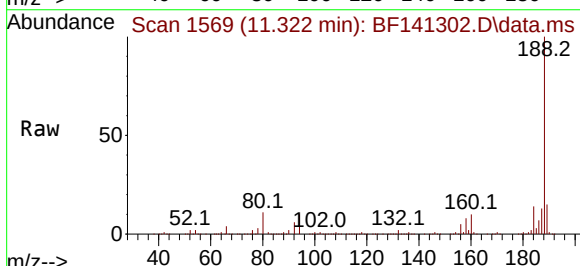
Tgt Ion:188 Resp: 565086

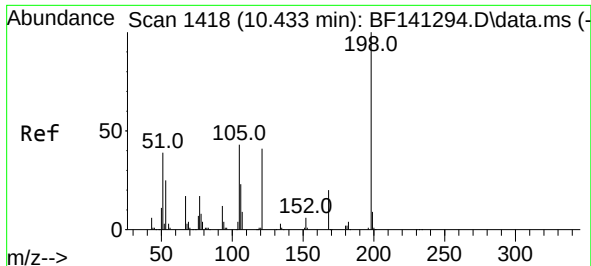
Ion Ratio Lower Upper

188 100

94 10.1 7.8 11.6

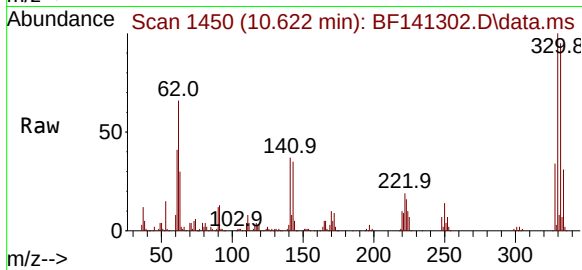
80 10.9 8.2 12.4



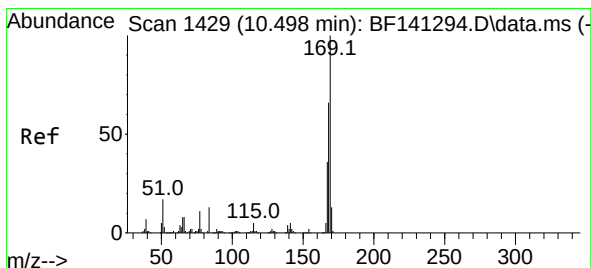
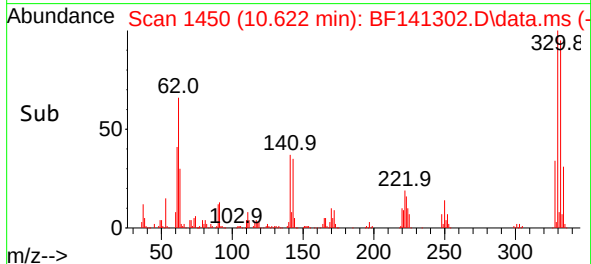
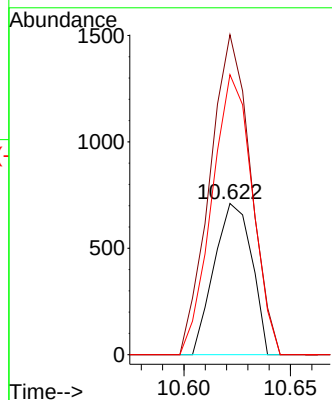


#65
4,6-Dinitro-2-methylphenol
Concen: 0.261 ng
RT: 10.622 min Scan# 1450
Delta R.T. 0.182 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

Instrument :
BNA_F
ClientSampleId :
PB166216BL

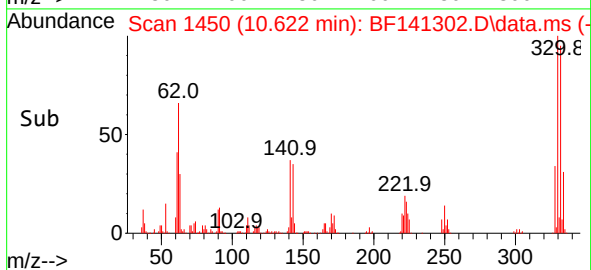
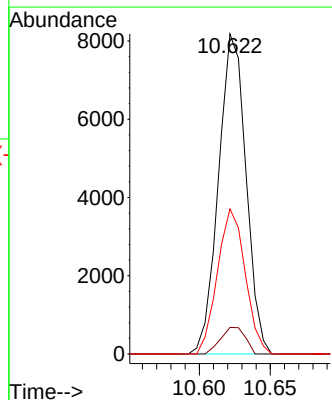
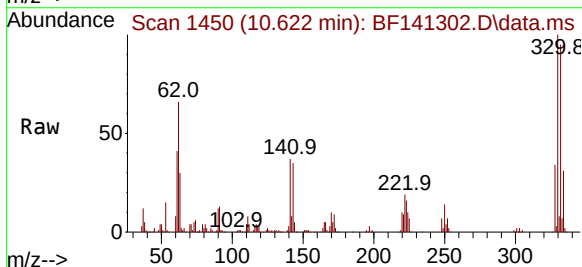


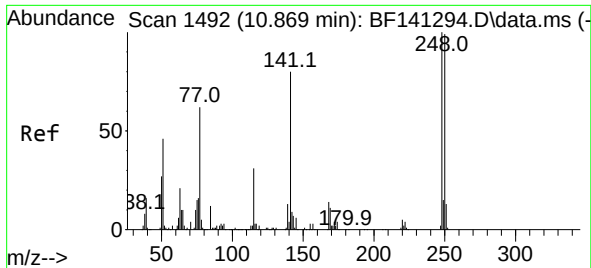
Tgt Ion:198 Resp: 872
Ion Ratio Lower Upper
198 100
51 211.5 33.4 73.4#
105 185.1 24.4 64.4#



#66
n-Nitrosodiphenylamine
Concen: 0.602 ng
RT: 10.622 min Scan# 1450
Delta R.T. 0.118 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

Tgt Ion:169 Resp: 10999
Ion Ratio Lower Upper
169 100
168 8.3 53.0 79.4#
167 45.4 28.8 43.2#

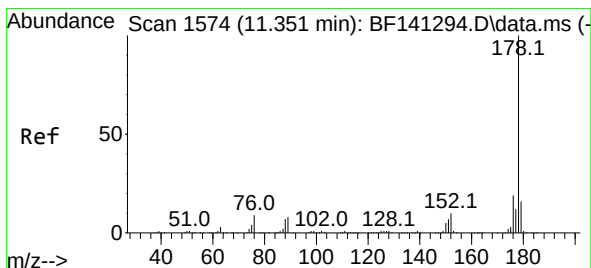
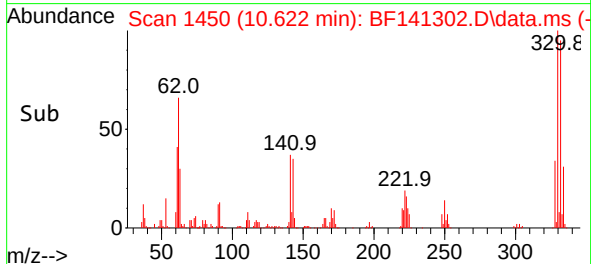
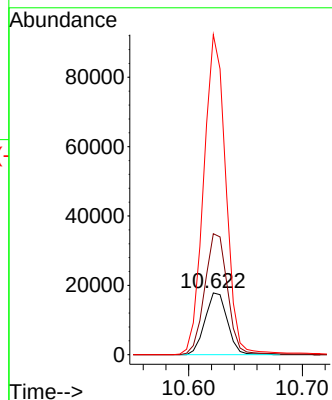
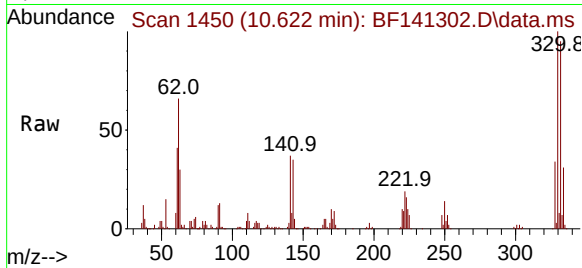




#67
4-Bromophenyl-phenylether
Concen: 3.846 ng
RT: 10.622 min Scan# 1414
Delta R.T. -0.253 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

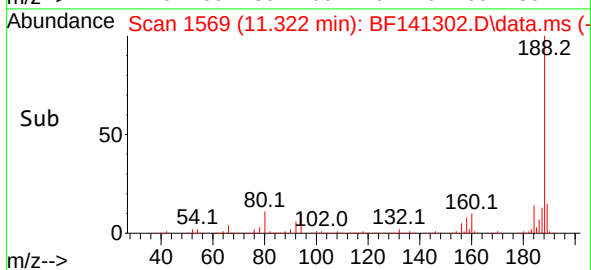
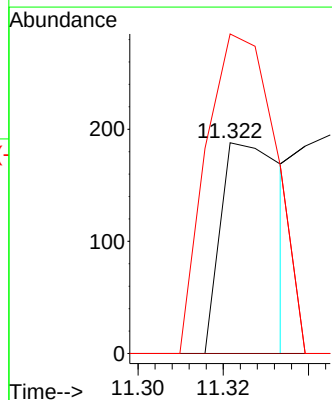
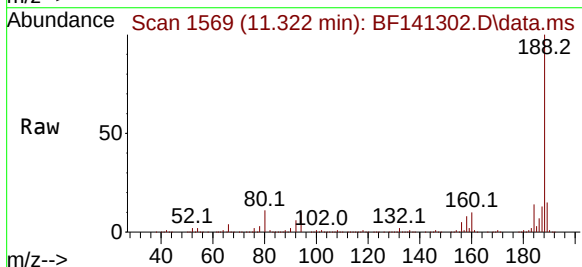
Instrument :
BNA_F
ClientSampleId :
PB166216BL

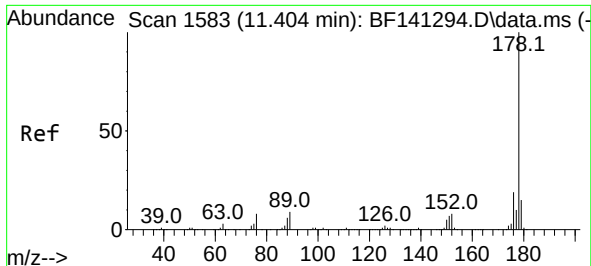
Tgt Ion:248 Resp: 24332
Ion Ratio Lower Upper
248 100
250 195.7 79.0 118.4#
141 517.6 63.7 95.5#



#71
Phenanthrene
Concen: 0.006 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.030 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

Tgt Ion:178 Resp: 190
Ion Ratio Lower Upper
178 100
176 0.0 15.3 22.9#
179 151.6 12.5 18.7#

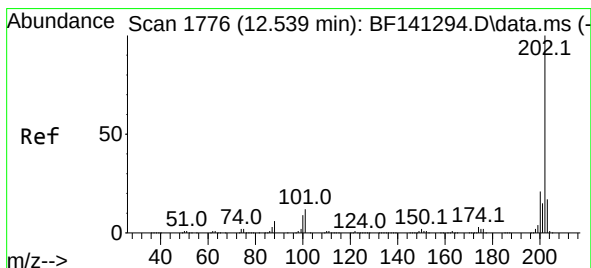
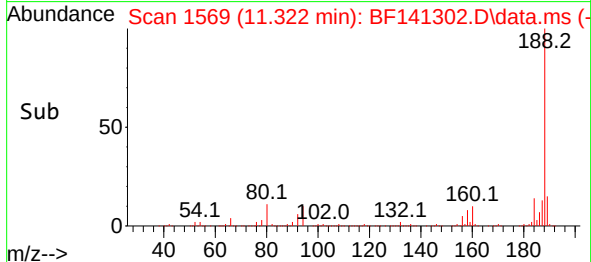
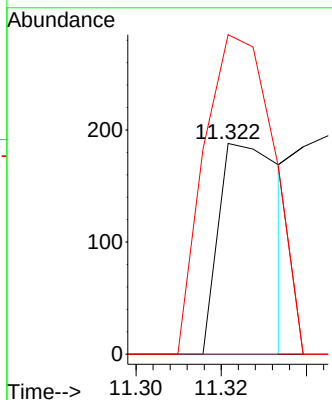
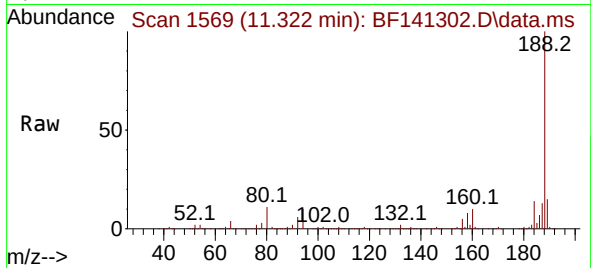




#72
Anthracene
Concen: 0.006 ng
RT: 11.322 min Scan# 111
Delta R.T. -0.082 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

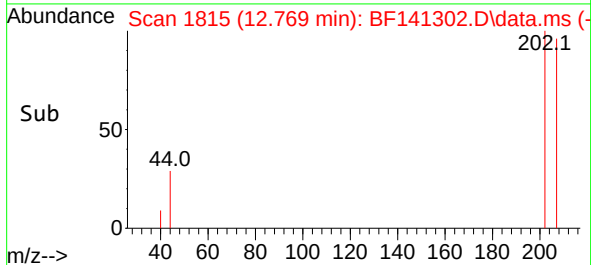
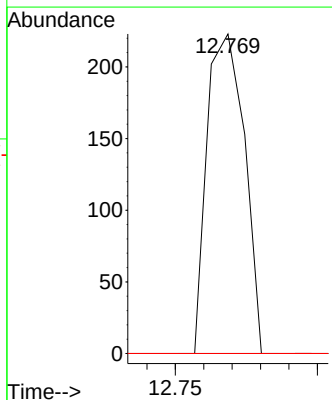
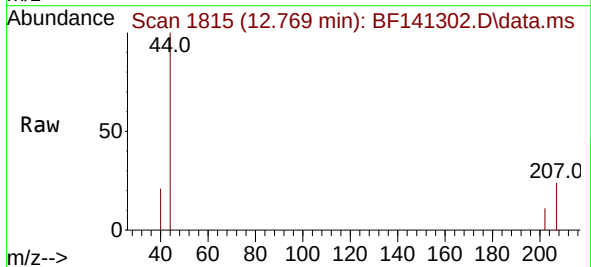
Instrument :
BNA_F
ClientSampleId :
PB166216BL

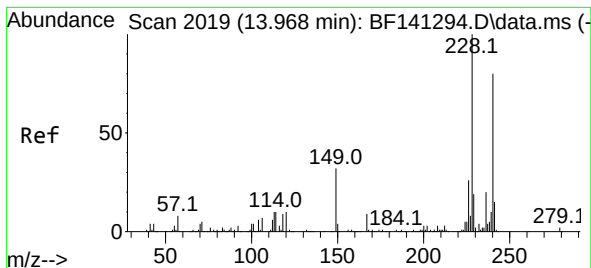
Tgt Ion:178 Resp: 190
Ion Ratio Lower Upper
178 100
176 0.0 15.0 22.6#
179 151.6 12.3 18.5#



#75
Fluoranthene
Concen: 0.007 ng
RT: 12.769 min Scan# 1815
Delta R.T. 0.229 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

Tgt Ion:202 Resp: 204
Ion Ratio Lower Upper
202 100
101 0.0 0.0 31.7
203 0.0 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF141302.D

Acq: 30 Jan 2025 09:20

Instrument :

BNA_F

ClientSampleId :

PB166216BL

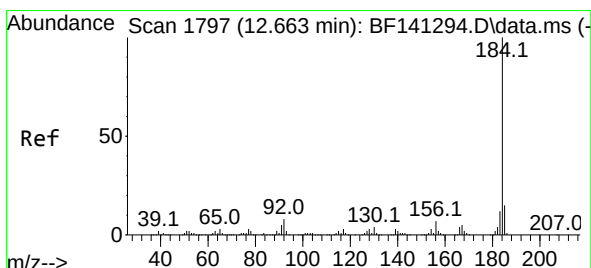
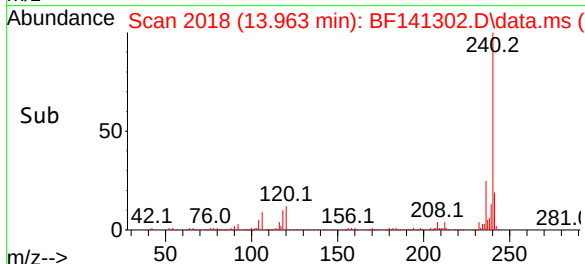
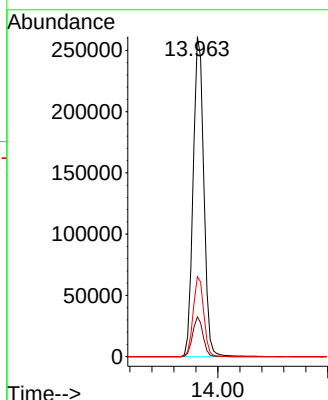
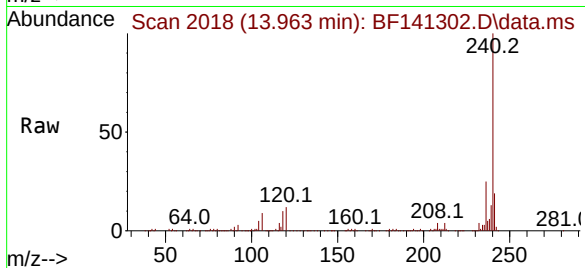
Tgt Ion:240 Resp: 352407

Ion Ratio Lower Upper

240 100

120 12.5 10.0 15.0

236 25.0 19.7 29.5



#77

Benzidine

Concen: 0.623 ng

RT: 12.663 min Scan# 1797

Delta R.T. -0.000 min

Lab File: BF141302.D

Acq: 30 Jan 2025 09:20

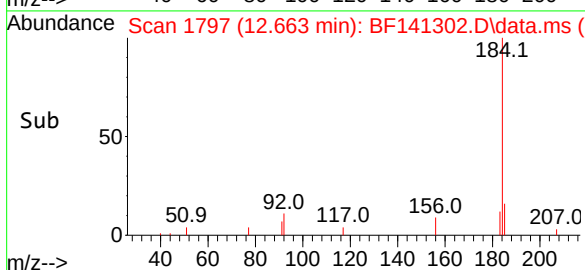
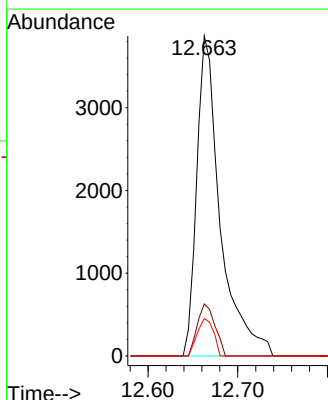
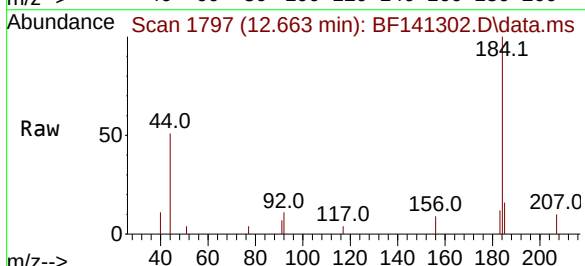
Tgt Ion:184 Resp: 7044

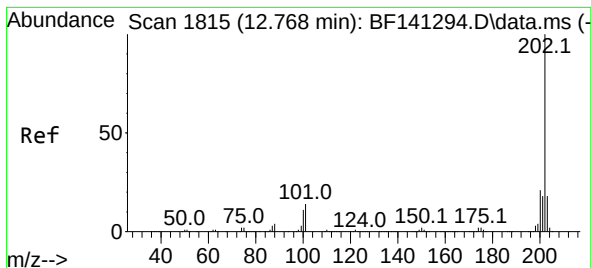
Ion Ratio Lower Upper

184 100

185 16.2 11.9 17.9

183 11.7 9.5 14.3





#78

Pyrene

Concen: 0.006 ng

RT: 12.769 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF141302.D

Acq: 30 Jan 2025 09:20

Instrument :

BNA_F

ClientSampleId :

PB166216BL

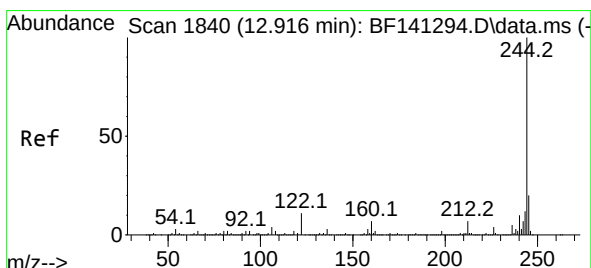
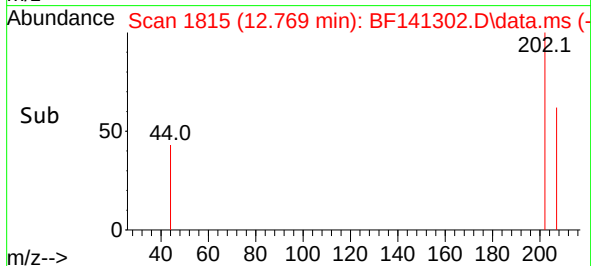
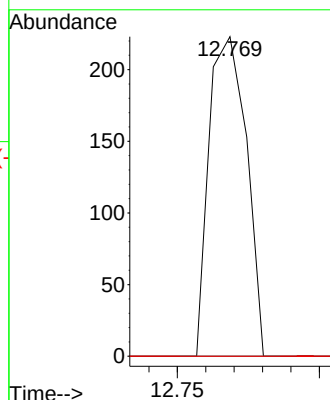
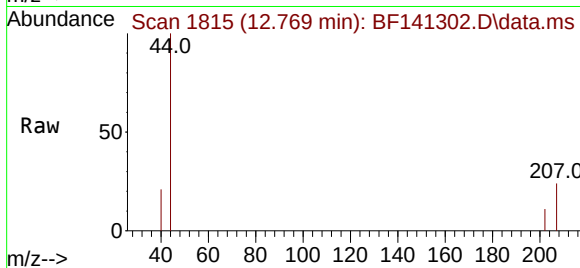
Tgt Ion:202 Resp: 204

Ion Ratio Lower Upper

202 100

200 0.0 17.0 25.4#

203 0.0 14.3 21.5#



#79

Terphenyl-d14

Concen: 81.349 ng

RT: 12.916 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF141302.D

Acq: 30 Jan 2025 09:20

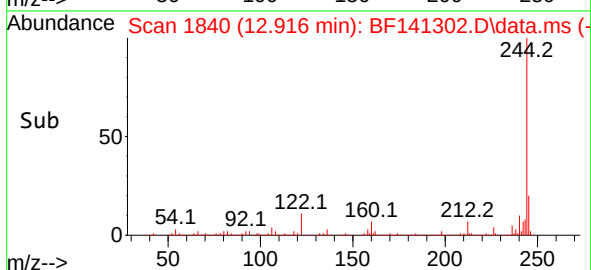
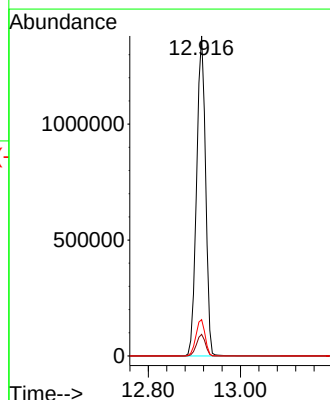
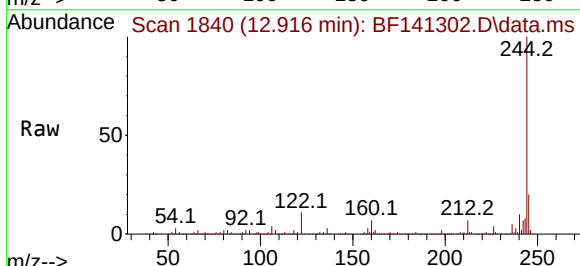
Tgt Ion:244 Resp: 1858915

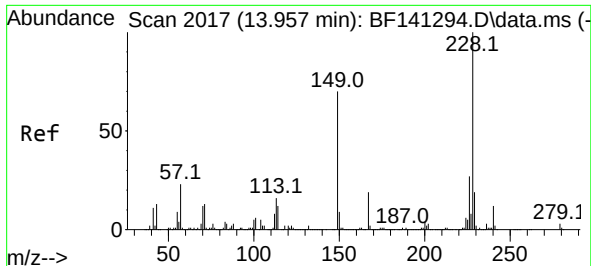
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 11.3 8.8 13.2





#81

Benzo(a)anthracene

Concen: 0.046 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF141302.D

Acq: 30 Jan 2025 09:20

Instrument :

BNA_F

ClientSampleId :

PB166216BL

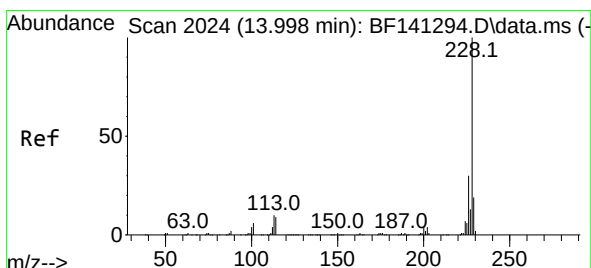
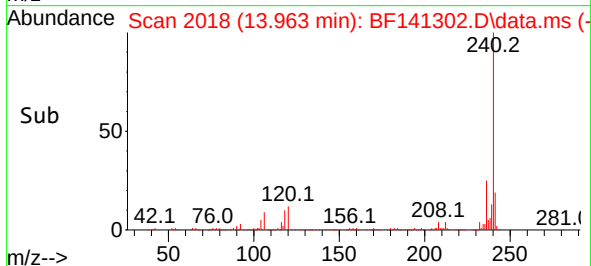
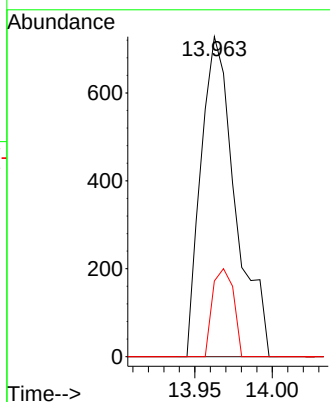
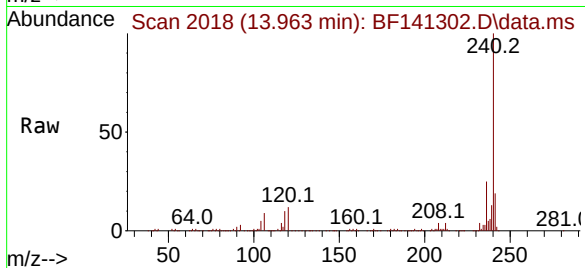
Tgt Ion:228 Resp: 1125

Ion Ratio Lower Upper

228 100

226 0.0 21.4 32.2#

229 23.6 15.5 23.3#



#83

Chrysene

Concen: 0.050 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.035 min

Lab File: BF141302.D

Acq: 30 Jan 2025 09:20

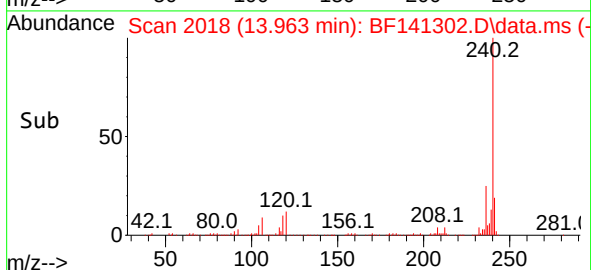
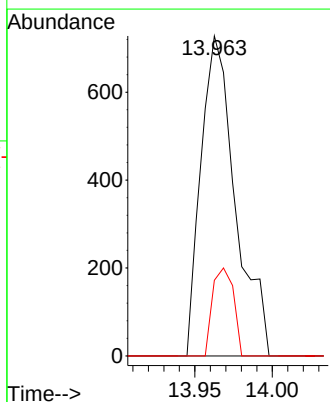
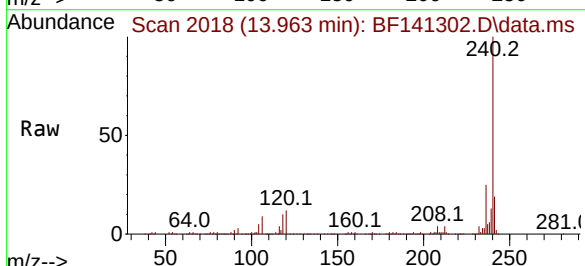
Tgt Ion:228 Resp: 1125

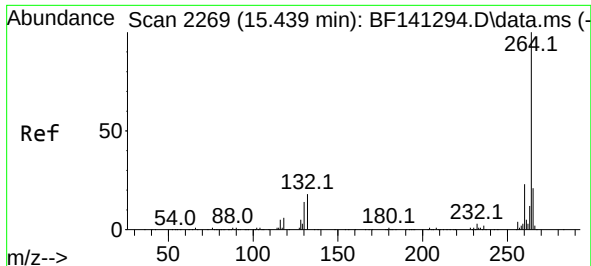
Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

229 23.6 15.6 23.4#

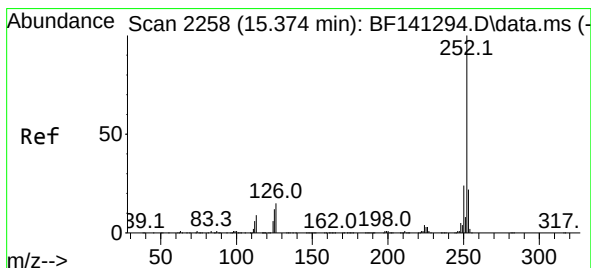
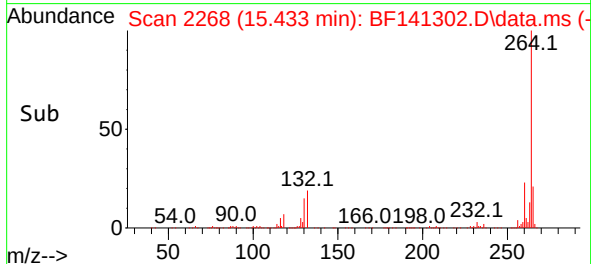
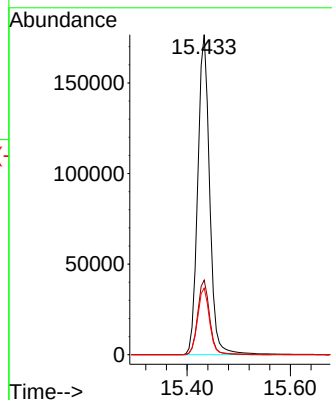
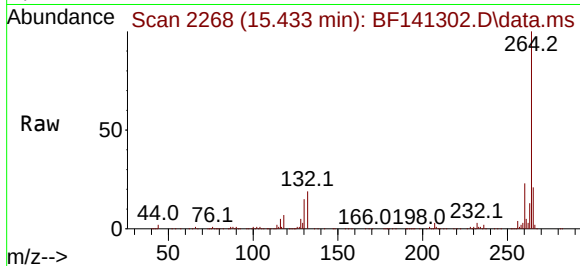




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

Instrument :
BNA_F
ClientSampleId :
PB166216BL

Tgt Ion:264 Resp: 282065
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 20.8 16.7 25.1



#90
Benzo(a)pyrene
Concen: 0.048 ng
RT: 15.433 min Scan# 2268
Delta R.T. 0.053 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

Tgt Ion:252 Resp: 713
Ion Ratio Lower Upper
252 100
253 34.0 17.2 25.8#
125 29.1 9.4 14.2#

