

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061825\
 Data File : BF142778.D
 Acq On : 18 Jun 2025 14:49
 Operator : RC/JU
 Sample : Q2333-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Jun 18 15:12:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

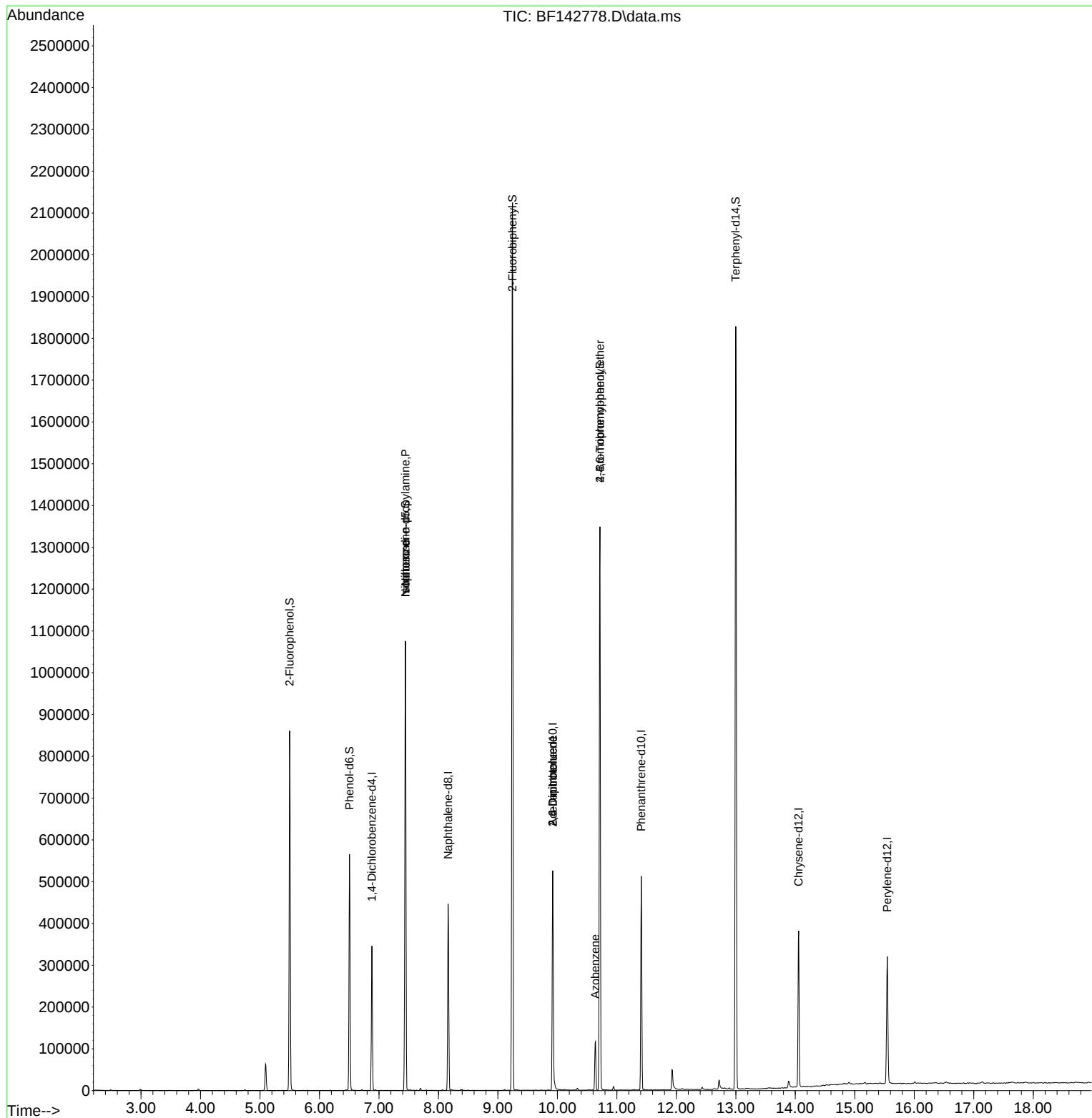
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	72977	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	285294	20.000	ng	-0.02
39) Acenaphthene-d10	9.922	164	155201	20.000	ng	-0.02
64) Phenanthrene-d10	11.410	188	263148	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	182331	20.000	ng	-0.01
86) Perylene-d12	15.545	264	179027	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	320480	74.794	ng	0.00
7) Phenol-d6	6.504	99	243127	48.214	ng	-0.02
23) Nitrobenzene-d5	7.445	82	476792	91.463	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	242125	142.344	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	992238	84.938	ng	-0.01
79) Terphenyl-d14	12.998	244	906241	68.264	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	64704	20.156	ng	# 76
25) Isophorone	7.445	82	475475	53.870	ng	# 63
51) 2,6-Dinitrotoluene	9.922	165	19685	8.788	ng	# 30
57) 2,4-Dinitrotoluene	9.922	165	19685	6.647	ng	# 28
63) Azobenzene	10.634	77	28017	3.122	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	15461	4.978	ng	# 1

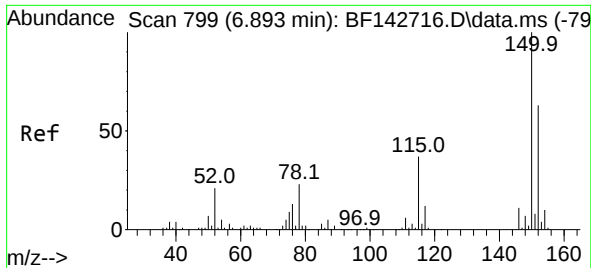
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 18 15:12:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

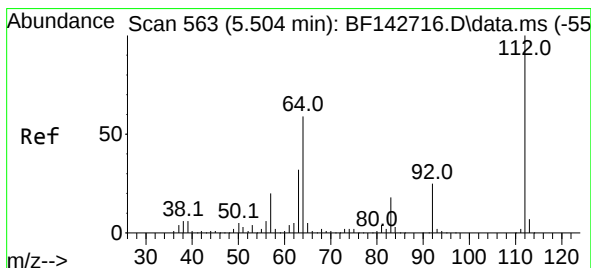
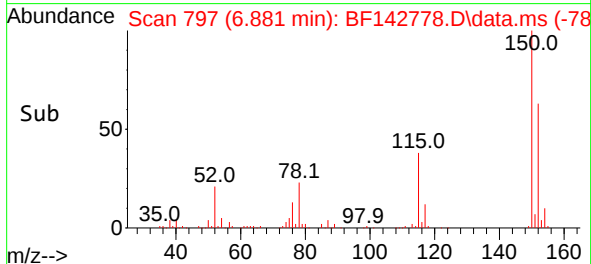
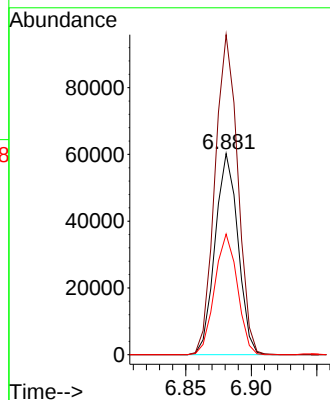
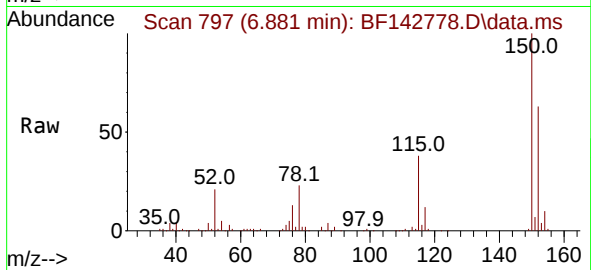




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 799
 Delta R.T. -0.012 min
 Lab File: BF142778.D
 Acq: 18 Jun 2025 14:49

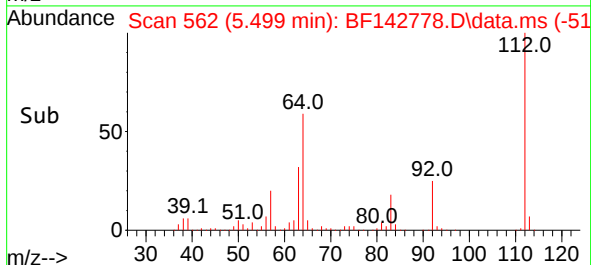
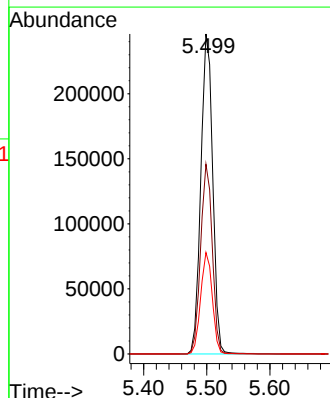
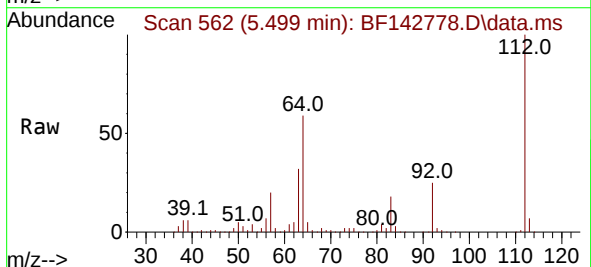
Instrument :
 BNA_F
 ClientSampleId :
 MW-11

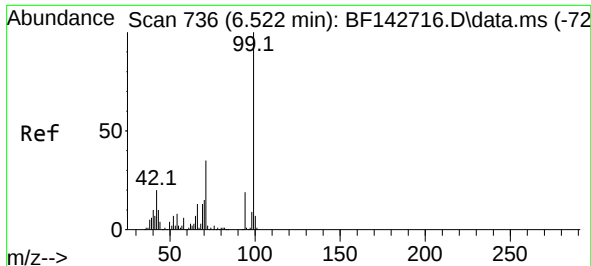
Tgt Ion:152 Resp: 72977
 Ion Ratio Lower Upper
 152 100
 150 159.1 126.9 190.3
 115 60.0 47.0 70.6



#5
 2-Fluorophenol
 Concen: 74.794 ng
 RT: 5.499 min Scan# 562
 Delta R.T. -0.005 min
 Lab File: BF142778.D
 Acq: 18 Jun 2025 14:49

Tgt Ion:112 Resp: 320480
 Ion Ratio Lower Upper
 112 100
 64 59.3 47.4 71.2
 63 31.7 25.4 38.0





#7

Phenol-d6

Concen: 48.214 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF142778.D

Acq: 18 Jun 2025 14:49

Instrument :

BNA_F

ClientSampleId :

MW-11

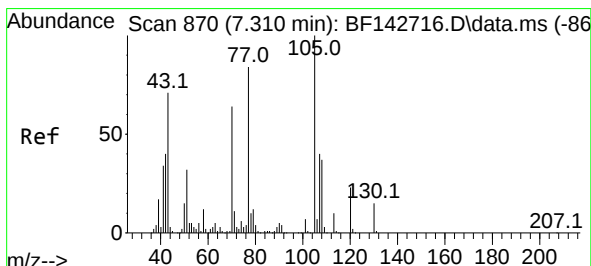
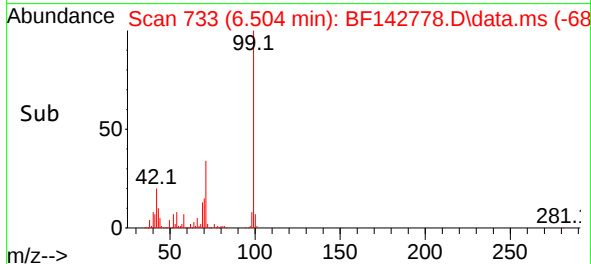
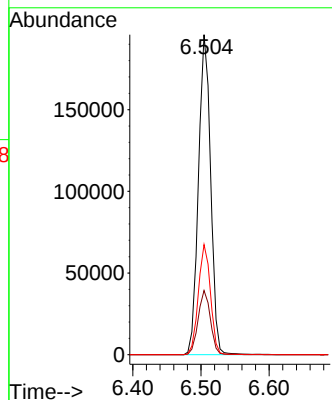
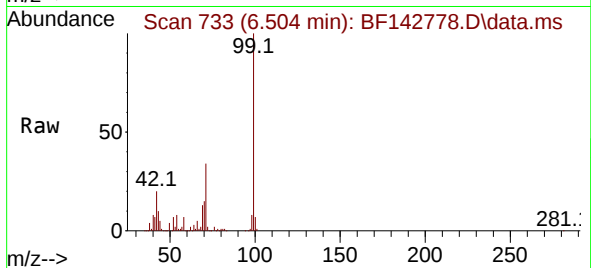
Tgt Ion: 99 Resp: 243127

Ion Ratio Lower Upper

99 100

42 20.1 15.9 23.9

71 34.4 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 20.156 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.135 min

Lab File: BF142778.D

Acq: 18 Jun 2025 14:49

Tgt Ion: 70 Resp: 64704

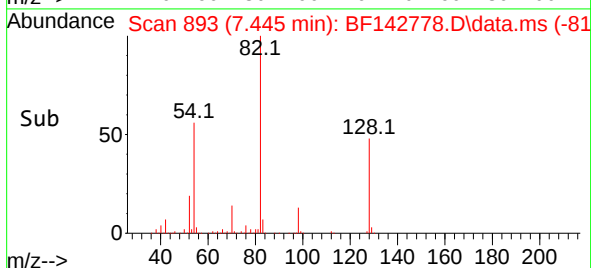
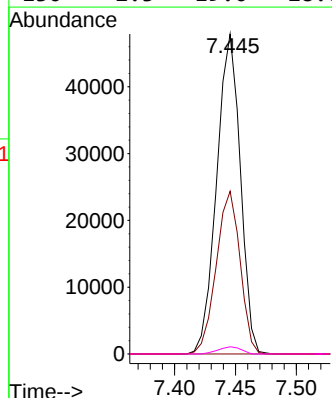
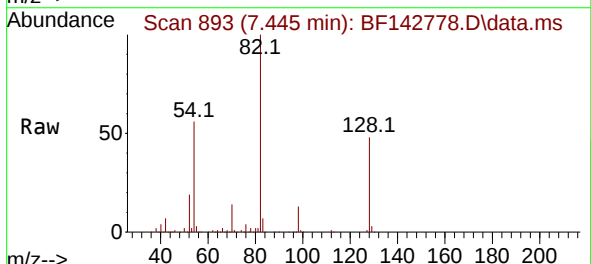
Ion Ratio Lower Upper

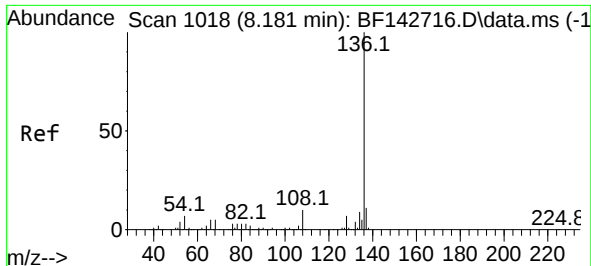
70 100

42 50.8 50.2 75.4

101 0.0 8.3 12.5#

130 2.3 19.0 28.6#



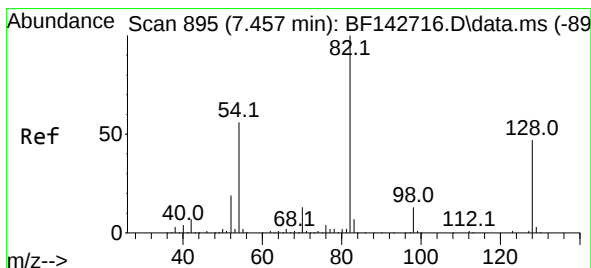
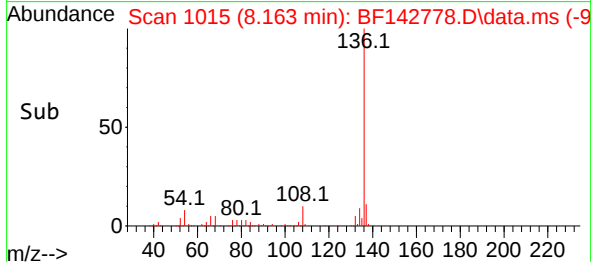
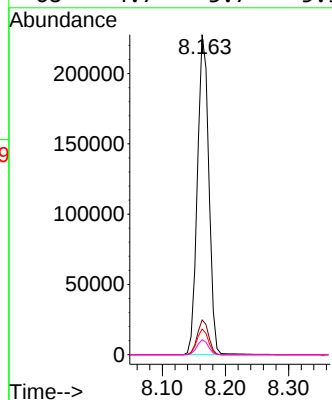
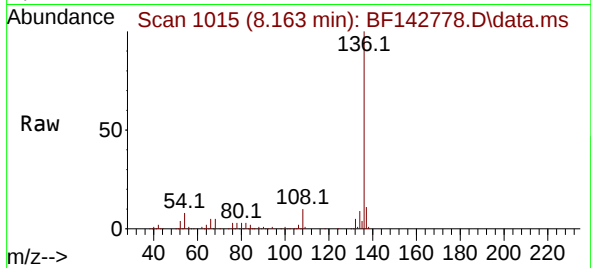


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.018 min
Lab File: BF142778.D
Acq: 18 Jun 2025 14:49

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:136 Resp: 285294

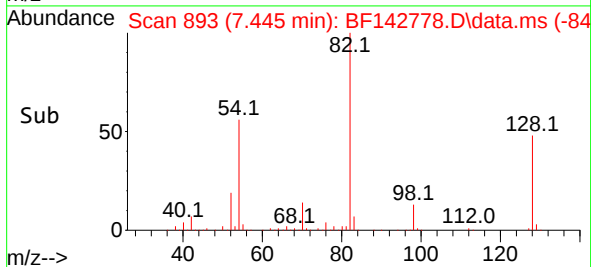
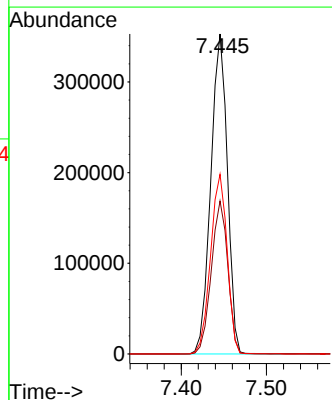
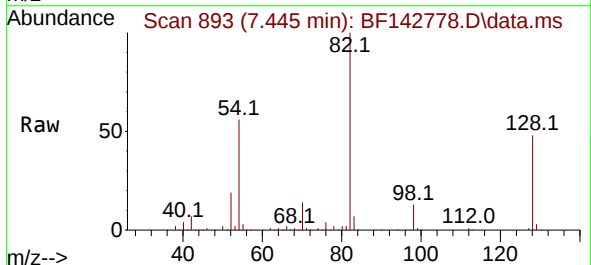
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.0	5.9	8.9
68	4.7	3.7	5.5

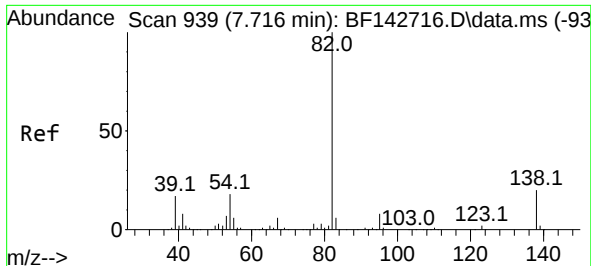


#23
Nitrobenzene-d5
Concen: 91.463 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF142778.D
Acq: 18 Jun 2025 14:49

Tgt Ion: 82 Resp: 476792

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.8	56.8
54	56.2	44.9	67.3

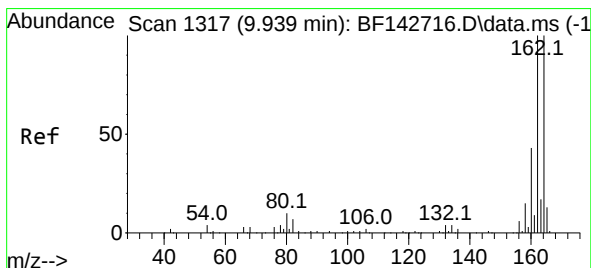
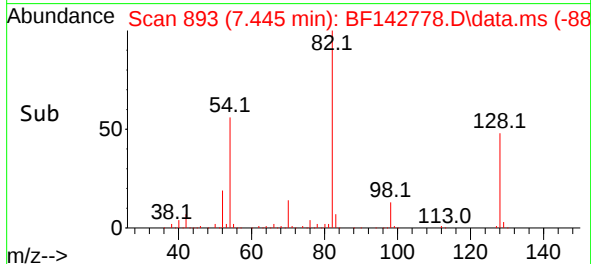
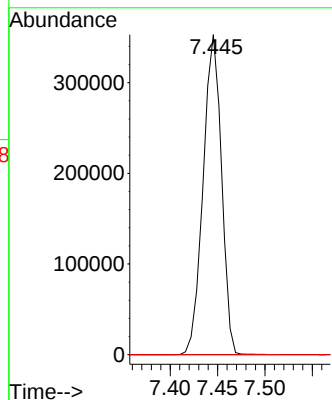
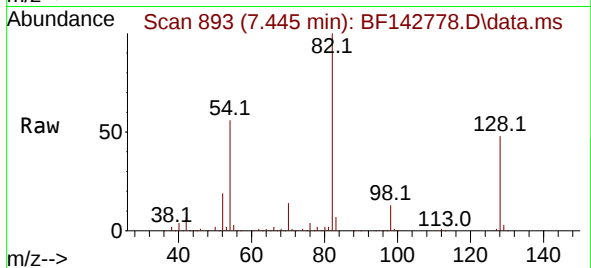




#25
Isophorone
Concen: 53.870 ng
RT: 7.445 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF142778.D
Acq: 18 Jun 2025 14:49

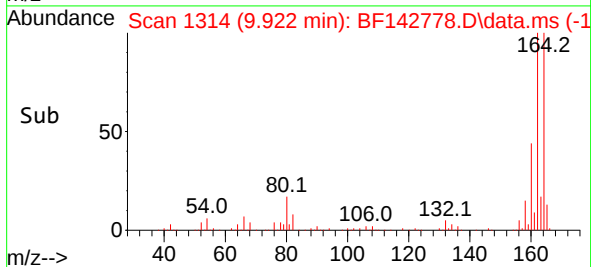
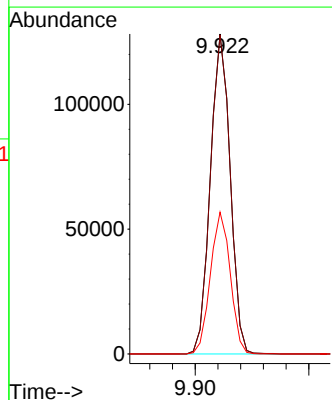
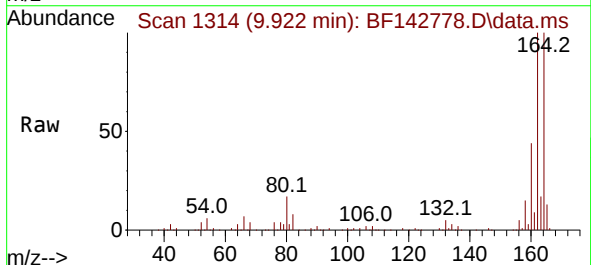
Instrument :
BNA_F
ClientSampleId :
MW-11

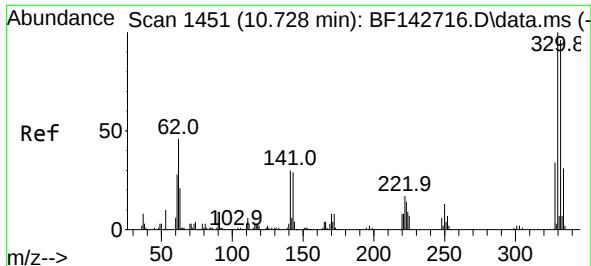
Tgt Ion: 82 Resp: 475475
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.8 23.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF142778.D
Acq: 18 Jun 2025 14:49

Tgt Ion:164 Resp: 155201
Ion Ratio Lower Upper
164 100
162 99.8 79.9 119.9
160 44.3 34.8 52.2

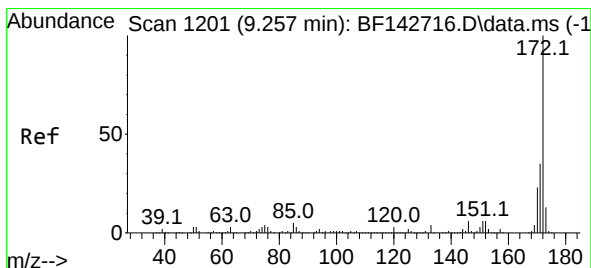
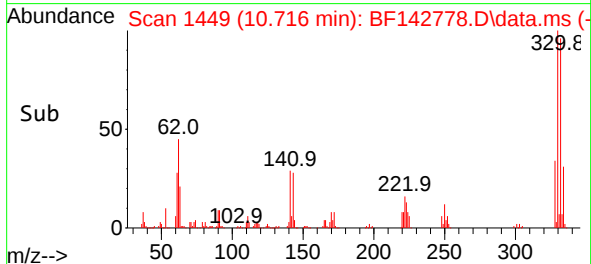
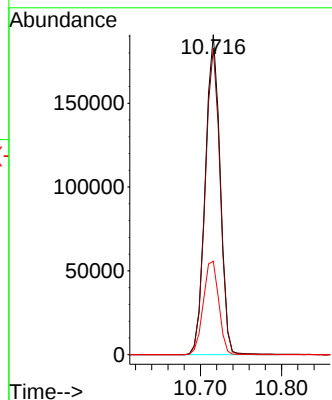
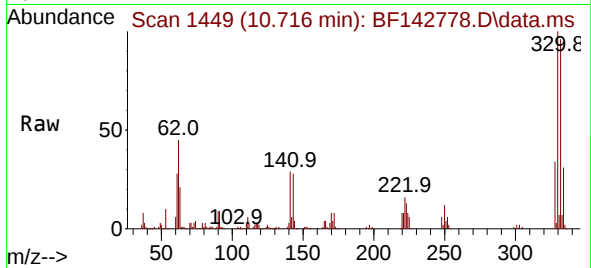




#42
2,4,6-Tribromophenol
Concen: 142.344 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF142778.D
Acq: 18 Jun 2025 14:49

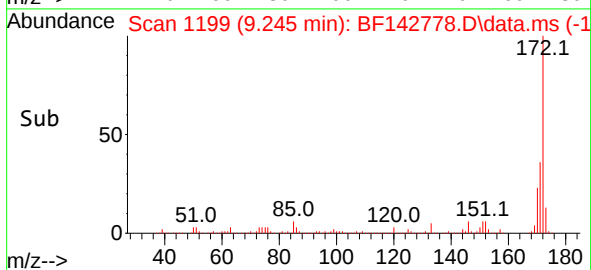
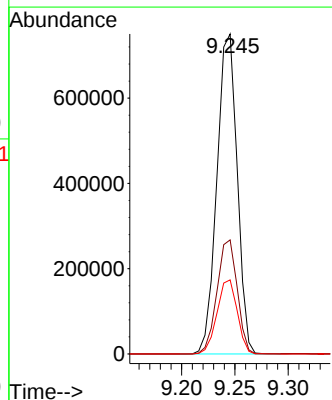
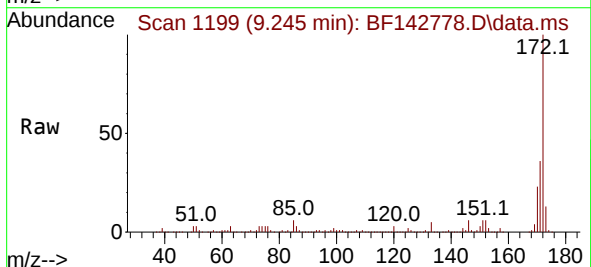
Instrument :
BNA_F
ClientSampleId :
MW-11

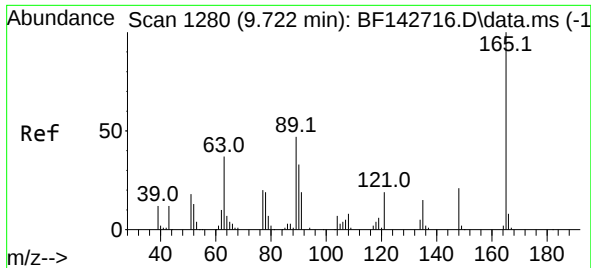
Tgt Ion:330 Resp: 242125
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 30.5 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 84.938 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF142778.D
Acq: 18 Jun 2025 14:49

Tgt Ion:172 Resp: 992238
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.1 18.6 27.8

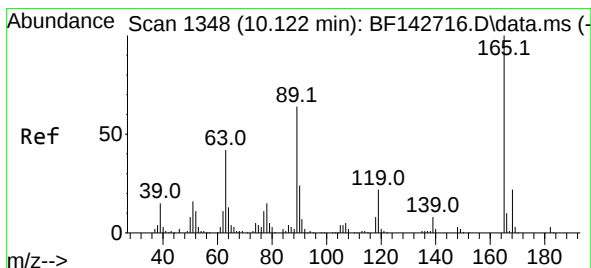
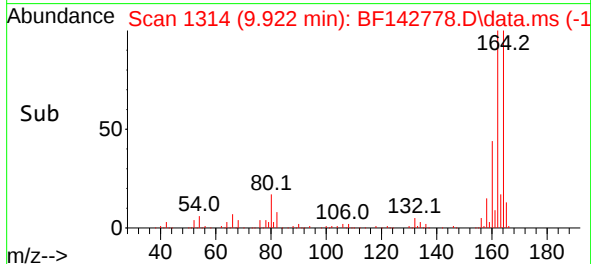
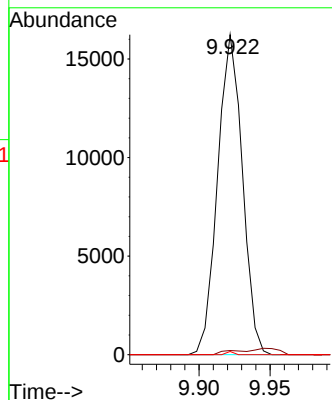
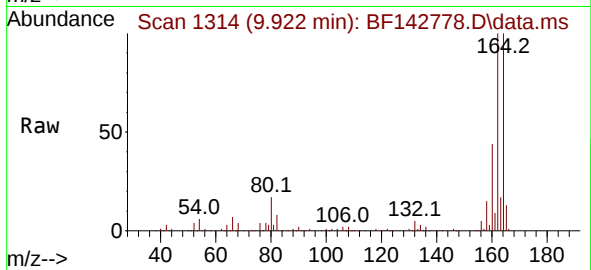




#51
2,6-Dinitrotoluene
Concen: 8.788 ng
RT: 9.922 min Scan# 1314
Delta R.T. 0.200 min
Lab File: BF142778.D
Acq: 18 Jun 2025 14:49

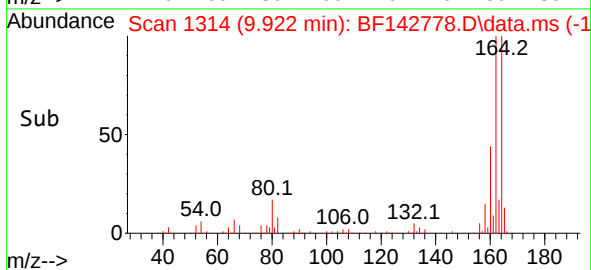
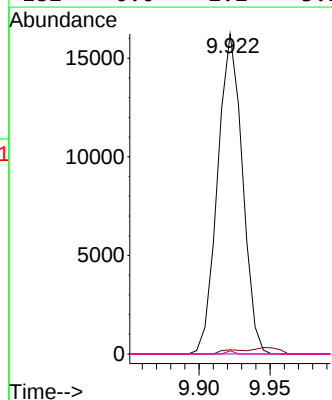
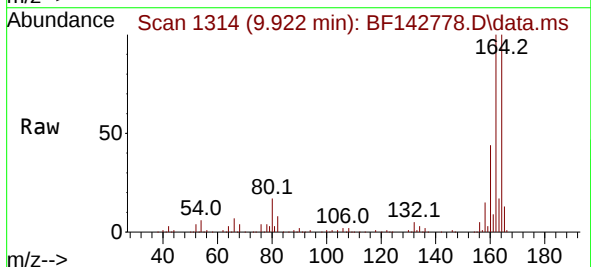
Instrument :
BNA_F
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MW-11

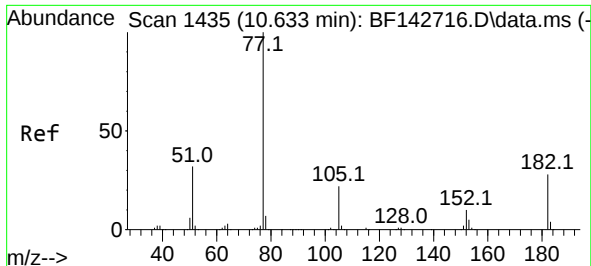
Tgt Ion:165 Resp: 19685
Ion Ratio Lower Upper
165 100
63 1.3 40.6 60.8#
89 1.0 37.6 56.4#



#57
2,4-Dinitrotoluene
Concen: 6.647 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF142778.D
Acq: 18 Jun 2025 14:49

Tgt Ion:165 Resp: 19685
Ion Ratio Lower Upper
165 100
63 1.3 34.1 51.1#
89 1.0 50.8 76.2#
182 0.0 2.2 3.2#

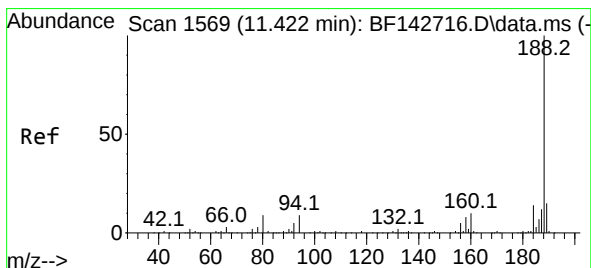
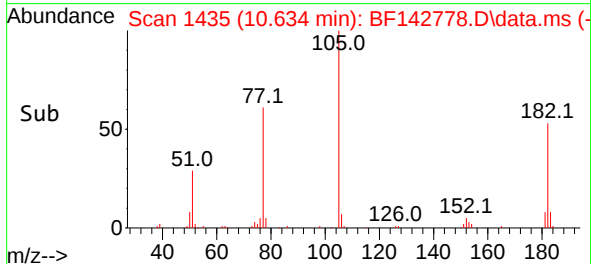
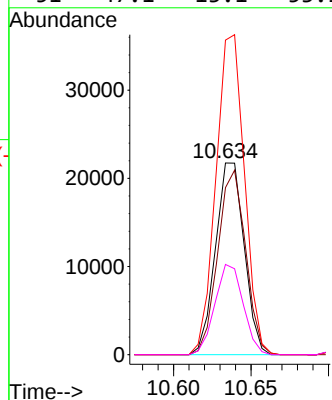
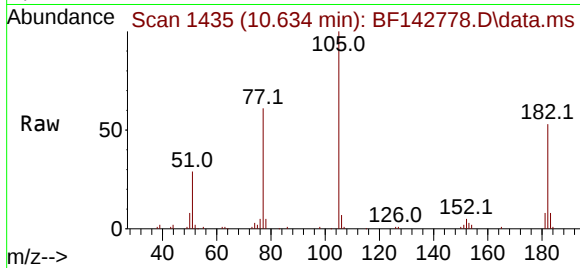




#63
Azobenzene
Concen: 3.122 ng
RT: 10.634 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF142778.D
Acq: 18 Jun 2025 14:49

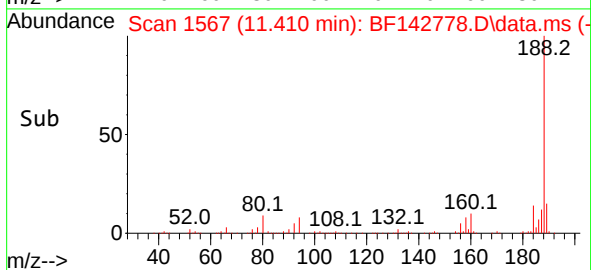
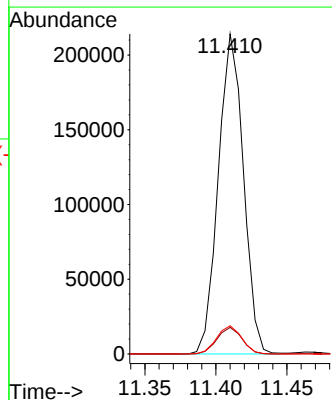
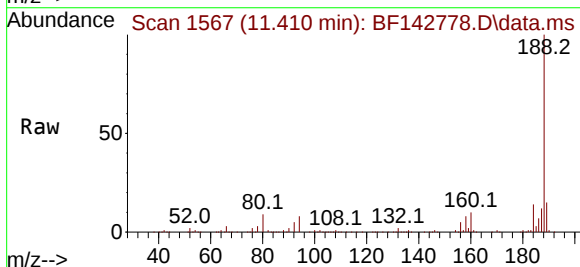
Instrument :
BNA_F
ClientSampleId :
MW-11

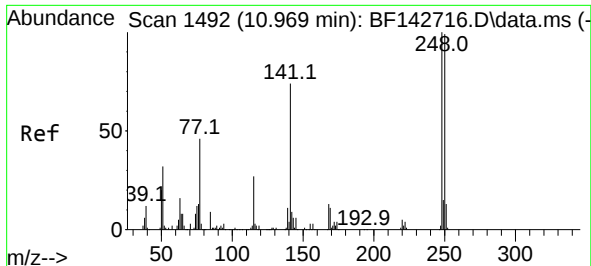
Tgt Ion: 77	Resp: 28017
Ion Ratio	Lower Upper
77 100	
182 87.2	7.8 47.8#
105 164.1	1.9 41.9#
51 47.1	13.1 53.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF142778.D
Acq: 18 Jun 2025 14:49

Tgt Ion: 188	Resp: 263148
Ion Ratio	Lower Upper
188 100	
94 8.3	6.8 10.2
80 8.8	7.1 10.7

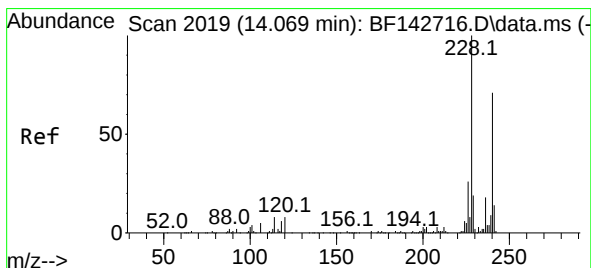
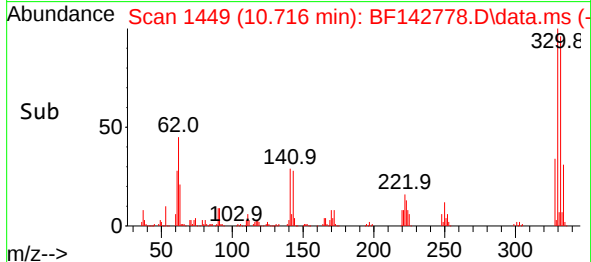
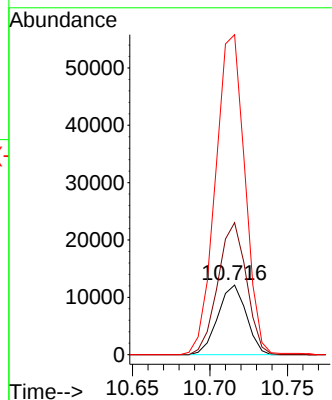
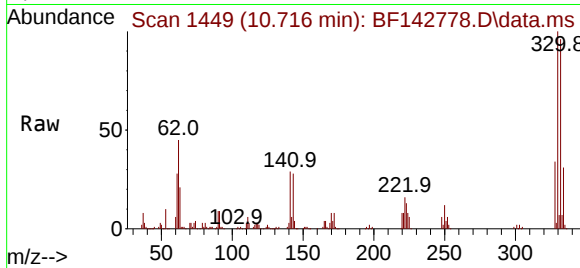




#67
4-Bromophenyl-phenylether
Concen: 4.978 ng
RT: 10.716 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF142778.D
Acq: 18 Jun 2025 14:49

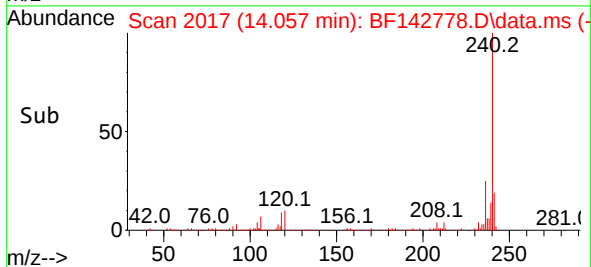
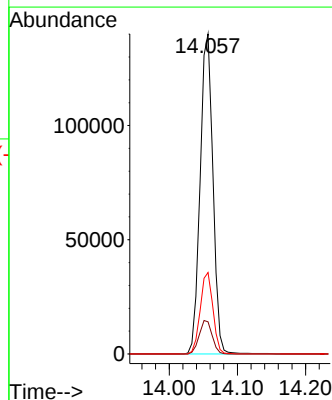
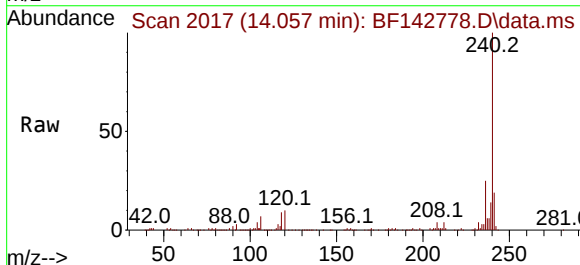
Instrument :
BNA_F
ClientSampleId :
MW-11

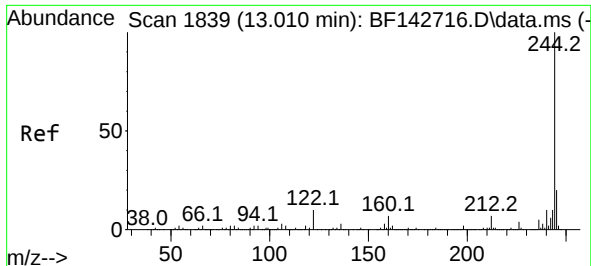
Tgt Ion:248 Resp: 15461
Ion Ratio Lower Upper
248 100
250 189.5 79.2 118.8#
141 459.7 59.3 88.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF142778.D
Acq: 18 Jun 2025 14:49

Tgt Ion:240 Resp: 182331
Ion Ratio Lower Upper
240 100
120 10.0 8.5 12.7
236 25.4 20.1 30.1

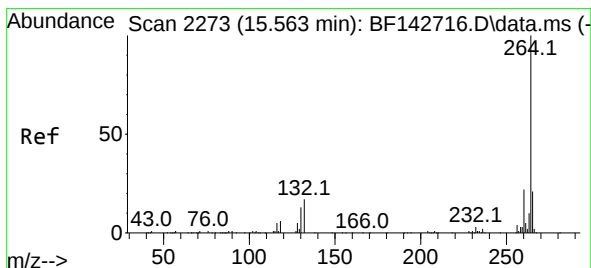
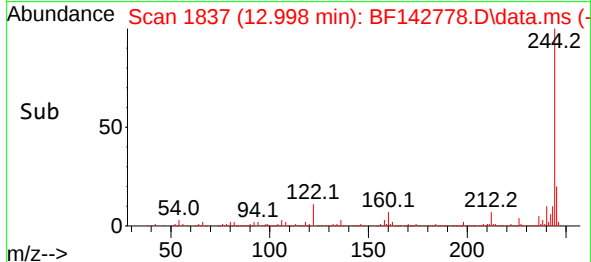
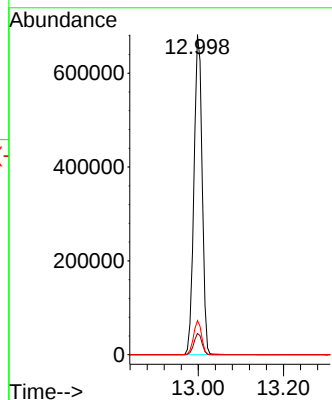
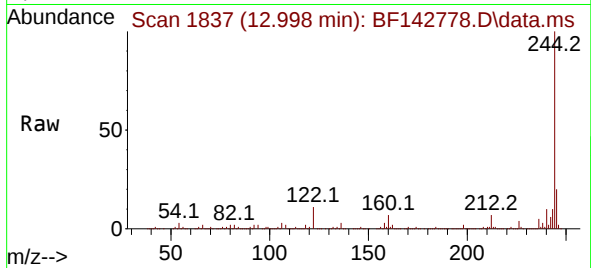




#79
 Terphenyl-d14
 Concen: 68.264 ng
 RT: 12.998 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF142778.D
 Acq: 18 Jun 2025 14:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tgt Ion:244 Resp: 906241
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. -0.018 min
 Lab File: BF142778.D
 Acq: 18 Jun 2025 14:49

Tgt Ion:264 Resp: 179027
 Ion Ratio Lower Upper
 264 100
 260 22.3 17.8 26.6
 265 20.7 16.6 25.0

