

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
 Data File : BF141578.D
 Acq On : 12 Feb 2025 09:59
 Operator : RC/JU
 Sample : PB166665BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166665BL

Quant Time: Feb 12 10:40:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

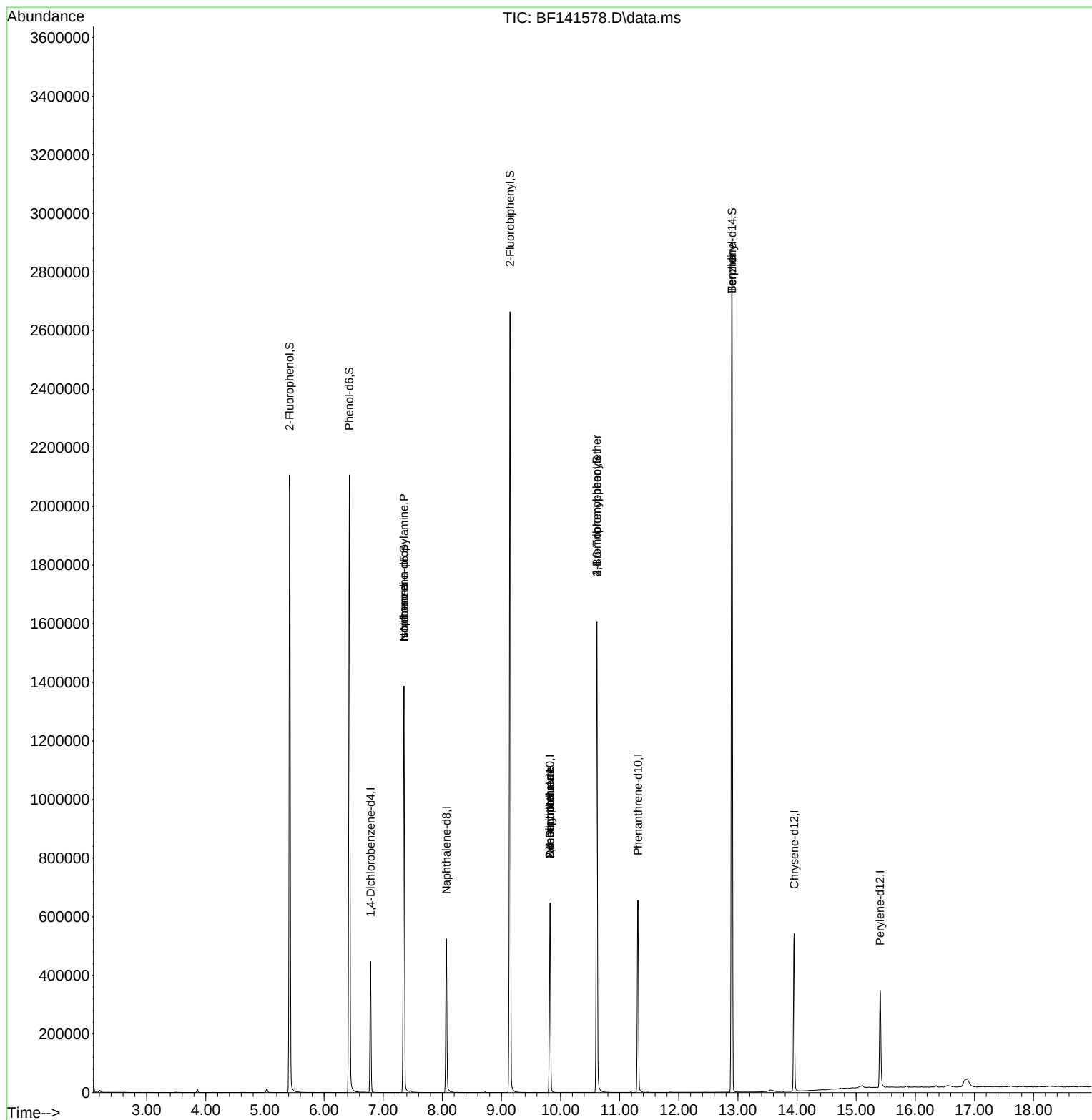
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	90724	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	361890	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	198246	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	359793	20.000	ng	0.00
76) Chrysene-d12	13.951	240	277626	20.000	ng	-0.01
86) Perylene-d12	15.404	264	209833	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	792046	136.868	ng	0.00
7) Phenol-d6	6.428	99	985259	134.705	ng	-0.01
23) Nitrobenzene-d5	7.351	82	654700	94.360	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	278394	139.793	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1243343	96.625	ng	0.00
79) Terphenyl-d14	12.898	244	1541969	93.763	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	89103	20.366	ng	# 74
25) Isophorone	7.351	82	633422	57.256	ng	# 66
50) Dimethylphthalate	9.822	163	28701	2.133	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	26134	8.883	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	26134	6.673	ng	# 18
67) 4-Bromophenyl-phenylether	10.616	248	19219	4.779	ng	# 1
77) Benzidine	12.898	184	20645	3.372	ng	# 93

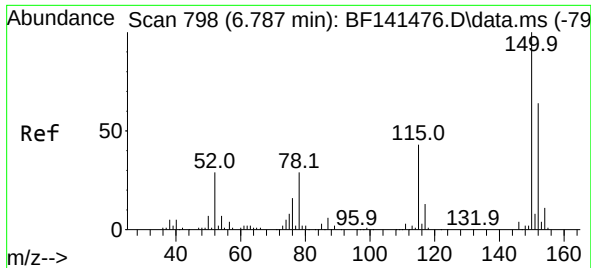
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
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Quant Time: Feb 12 10:40:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

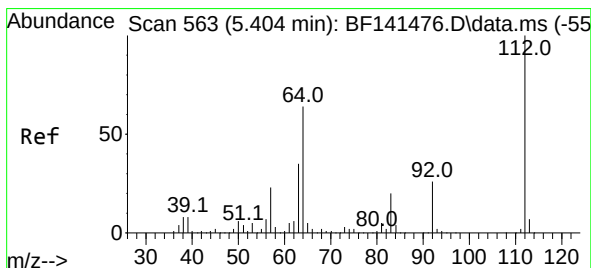
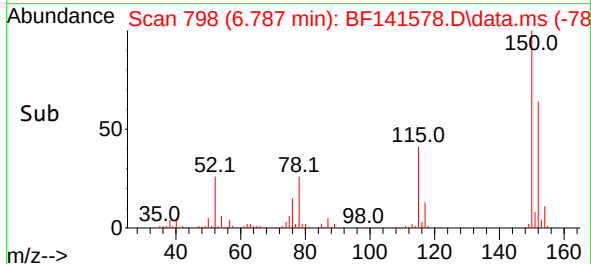
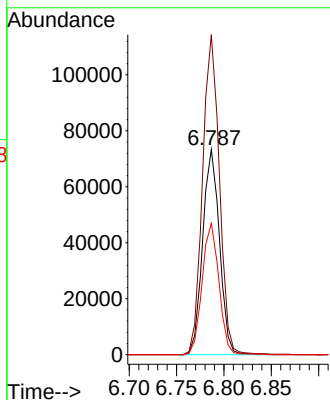
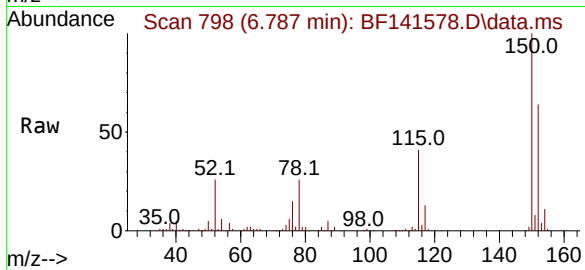




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141578.D
 Acq: 12 Feb 2025 09:59

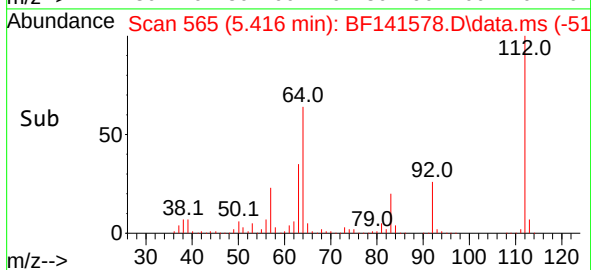
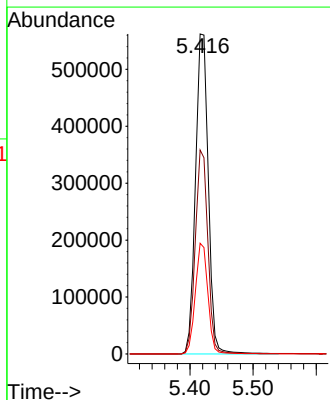
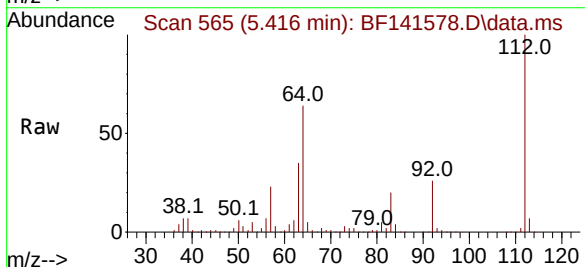
Instrument :
 BNA_F
 ClientSampleId :
 PB166665BL

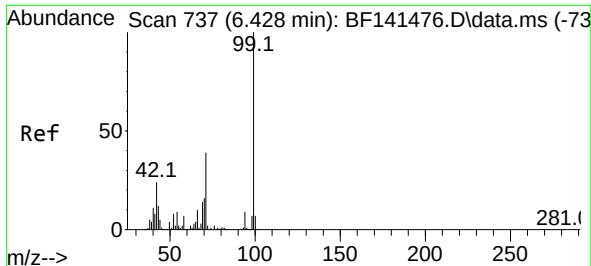
Tgt Ion:152 Resp: 90724
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.0 187.4
 115 64.0 53.6 80.4



#5
 2-Fluorophenol
 Concen: 136.868 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141578.D
 Acq: 12 Feb 2025 09:59

Tgt Ion:112 Resp: 792046
 Ion Ratio Lower Upper
 112 100
 64 63.8 51.1 76.7
 63 34.6 28.4 42.6

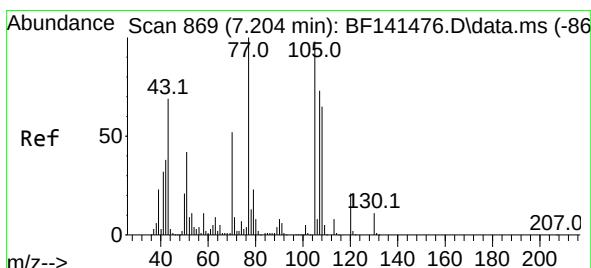
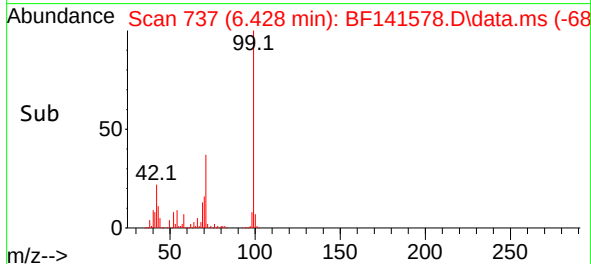
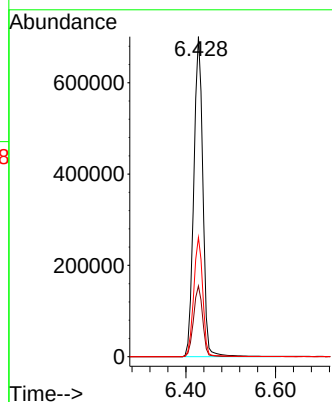
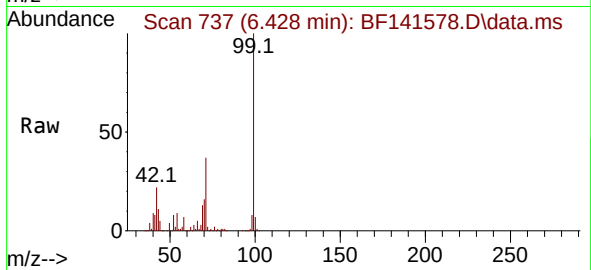




#7
Phenol-d6
Concen: 134.705 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141578.D
Acq: 12 Feb 2025 09:59

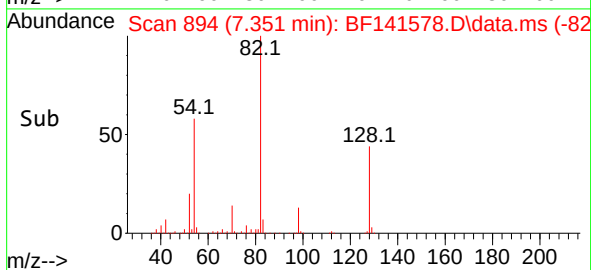
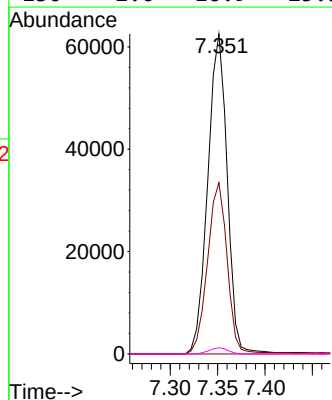
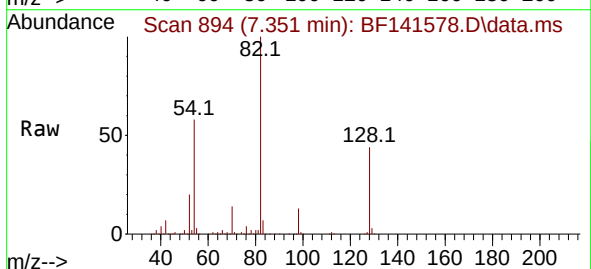
Instrument :
BNA_F
ClientSampleId :
PB166665BL

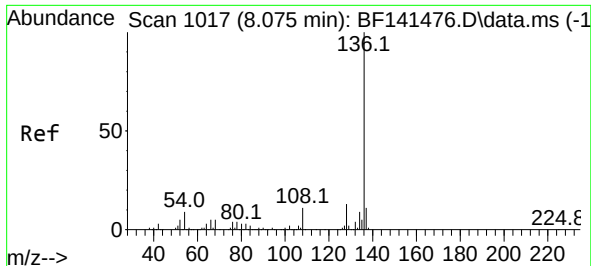
Tgt Ion: 99 Resp: 985259
Ion Ratio Lower Upper
99 100
42 22.1 19.1 28.7
71 37.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.366 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141578.D
Acq: 12 Feb 2025 09:59

Tgt Ion: 70 Resp: 89103
Ion Ratio Lower Upper
70 100
42 53.5 57.4 86.2#
101 0.0 8.0 12.0#
130 2.0 16.9 25.3#

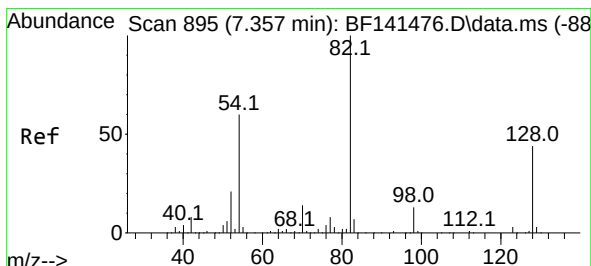
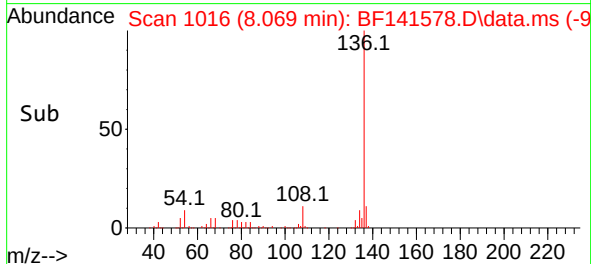
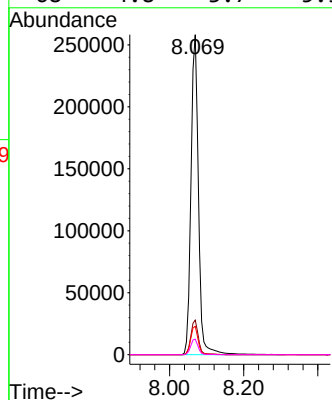
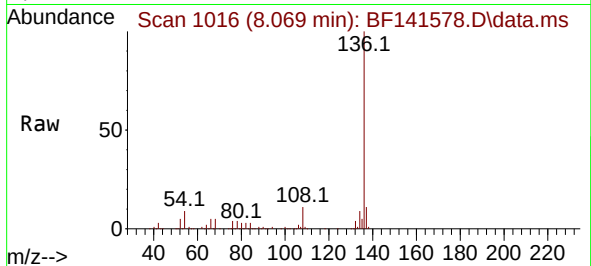




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141578.D
Acq: 12 Feb 2025 09:59

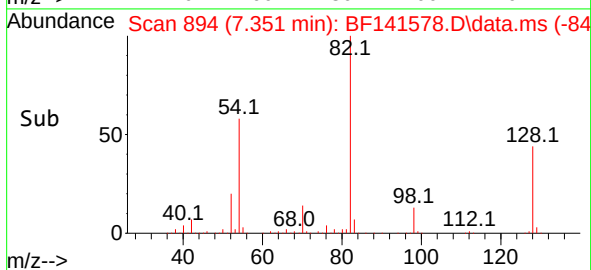
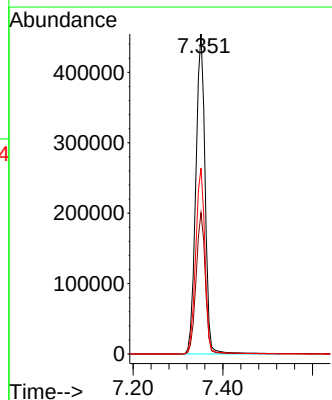
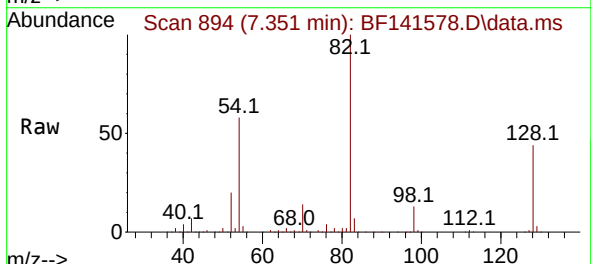
Instrument :
BNA_F
ClientSampleId :
PB166665BL

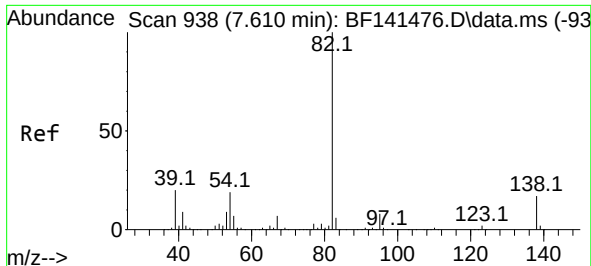
Tgt Ion:136 Resp: 361890
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.8 7.2 10.8
68 4.8 3.7 5.5



#23
Nitrobenzene-d5
Concen: 94.360 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141578.D
Acq: 12 Feb 2025 09:59

Tgt Ion: 82 Resp: 654700
Ion Ratio Lower Upper
82 100
128 44.2 34.8 52.2
54 58.1 48.2 72.4

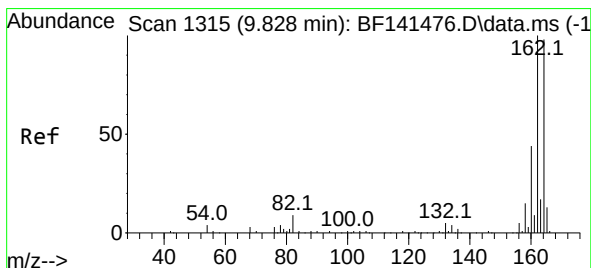
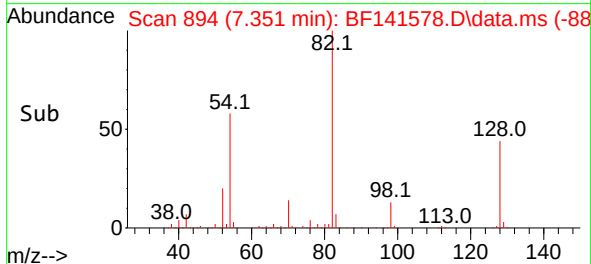
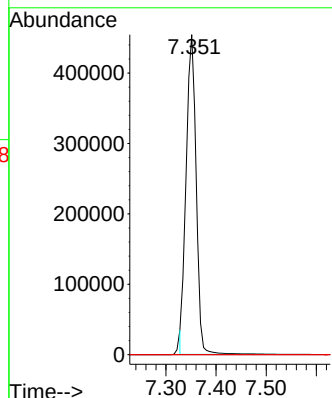
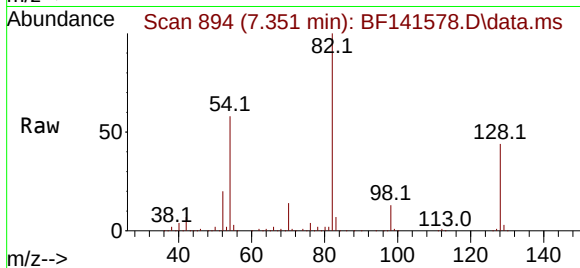




#25
Isophorone
Concen: 57.256 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF141578.D
Acq: 12 Feb 2025 09:59

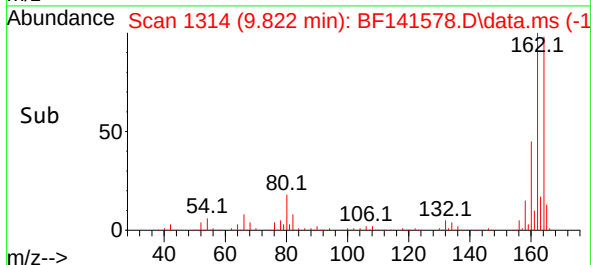
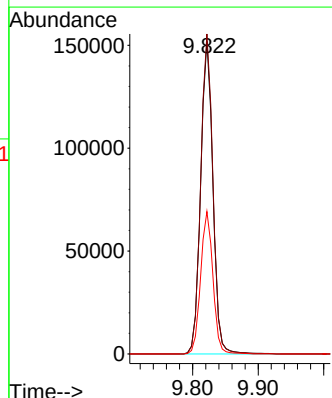
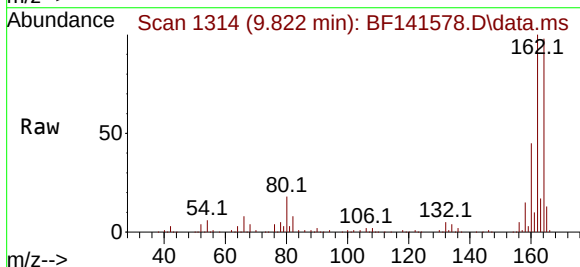
Instrument :
BNA_F
ClientSampleId :
PB166665BL

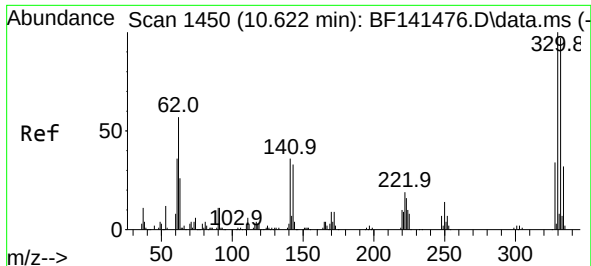
Tgt Ion: 82 Resp: 633422
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141578.D
Acq: 12 Feb 2025 09:59

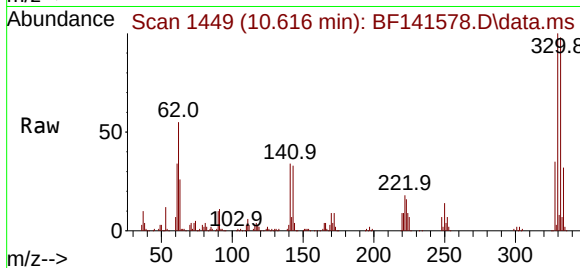
Tgt Ion:164 Resp: 198246
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 45.6 35.9 53.9



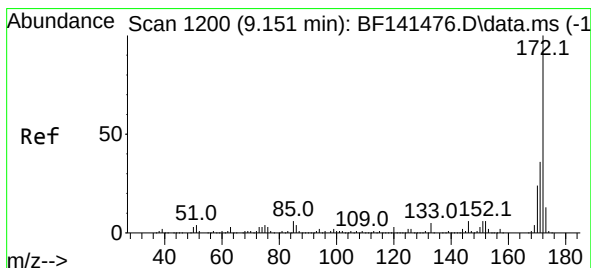
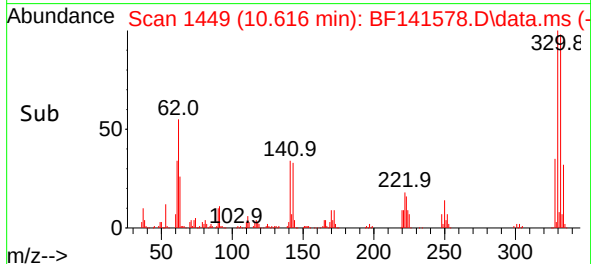
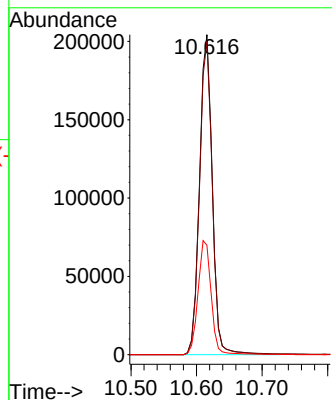


#42
2,4,6-Tribromophenol
Concen: 139.793 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141578.D
Acq: 12 Feb 2025 09:59

Instrument :
BNA_F
ClientSampleId :
PB166665BL

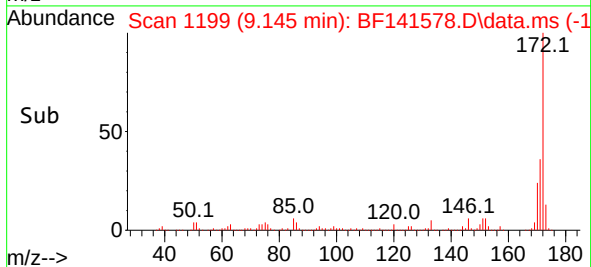
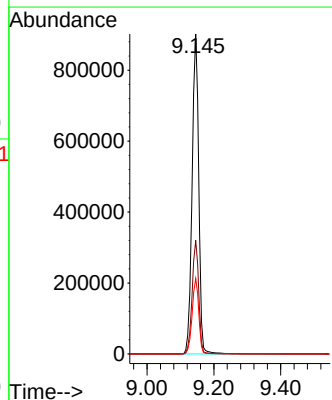
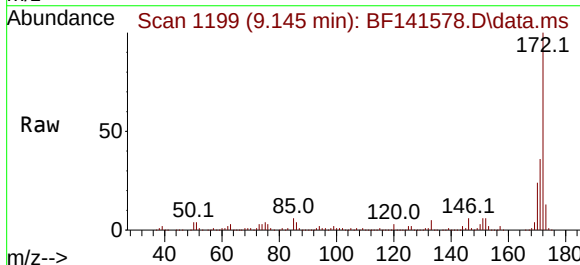


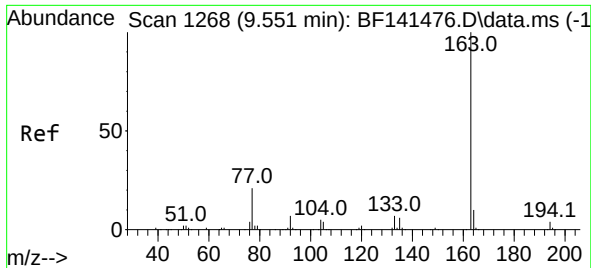
Tgt Ion: 330 Resp: 278394
Ion Ratio Lower Upper
330 100
332 98.0 78.5 117.7
141 36.7 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 96.625 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141578.D
Acq: 12 Feb 2025 09:59

Tgt Ion: 172 Resp: 1243343
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.6 18.9 28.3

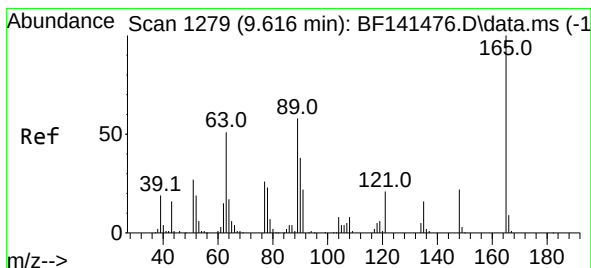
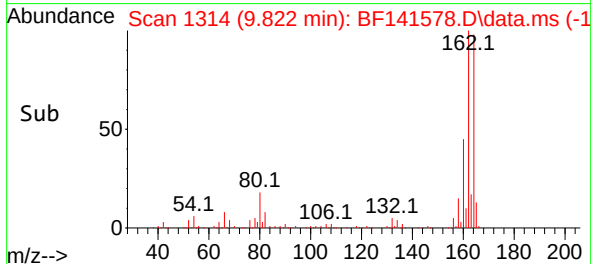
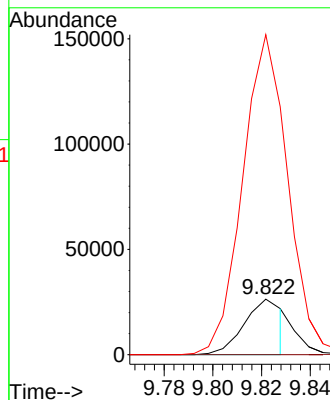
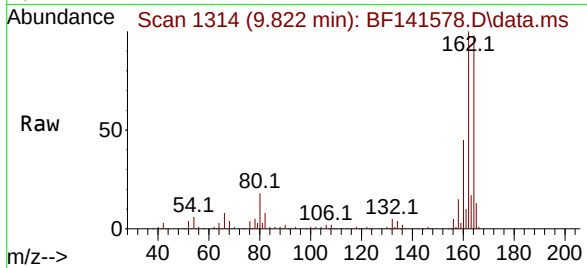




#50
Dimethylphthalate
Concen: 2.133 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF141578.D
Acq: 12 Feb 2025 09:59

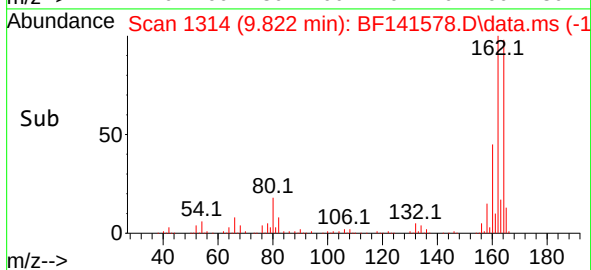
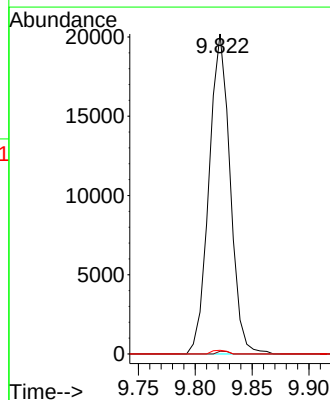
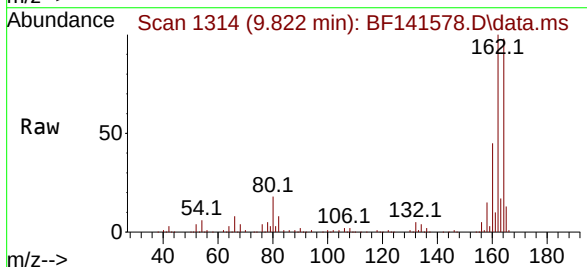
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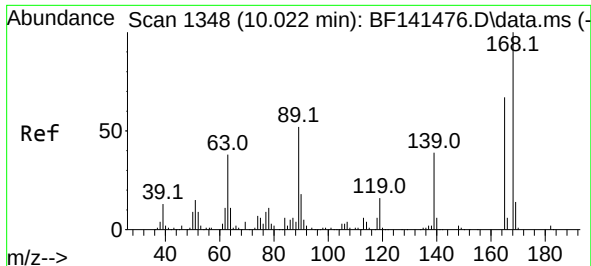
Tgt Ion:163 Resp: 28701
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 576.2 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.883 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.200 min
Lab File: BF141578.D
Acq: 12 Feb 2025 09:59

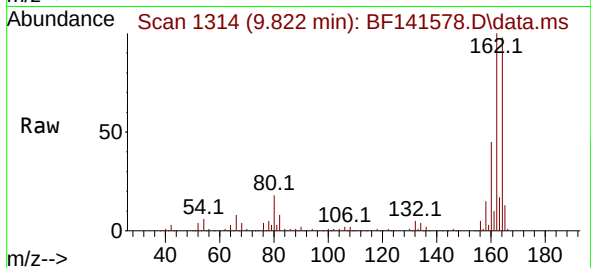
Tgt Ion:165 Resp: 26134
Ion Ratio Lower Upper
165 100
63 0.9 49.4 74.0#
89 1.2 46.5 69.7#



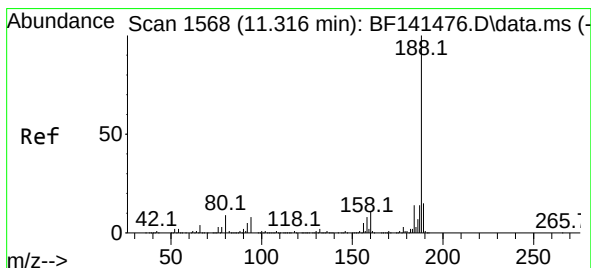
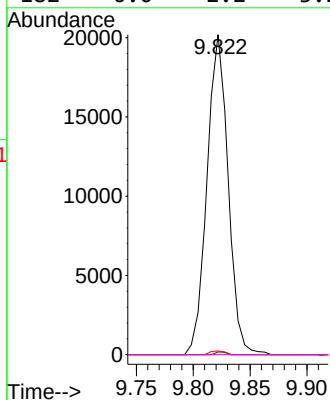
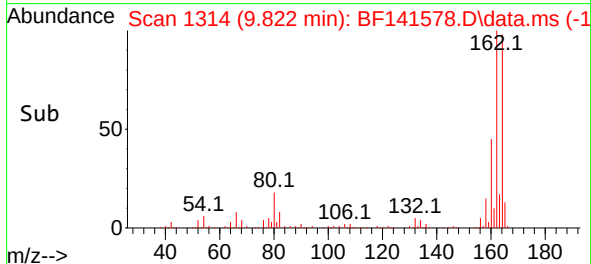


#57
2,4-Dinitrotoluene
Concen: 6.673 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141578.D
Acq: 12 Feb 2025 09:59

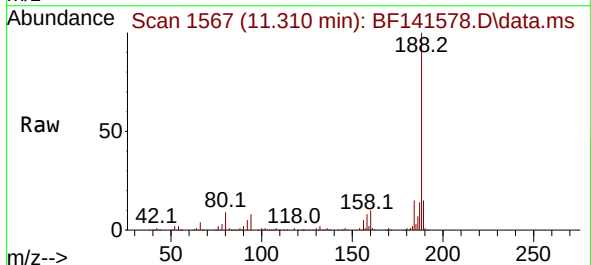
Instrument :
BNA_F
ClientSampleId :
PB166665BL



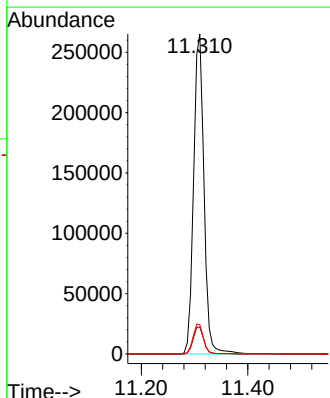
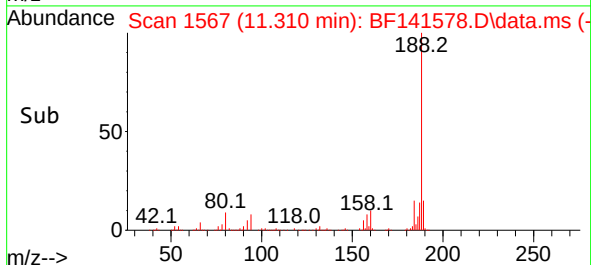
Tgt Ion:165 Resp: 26134
Ion Ratio Lower Upper
165 100
63 0.9 46.4 69.6#
89 1.2 61.8 92.6#
182 0.0 2.2 3.2#

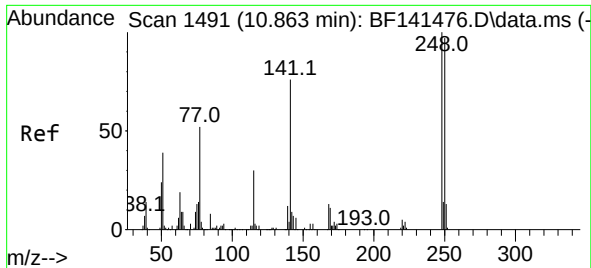


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141578.D
Acq: 12 Feb 2025 09:59



Tgt Ion:188 Resp: 359793
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.1 7.3 10.9

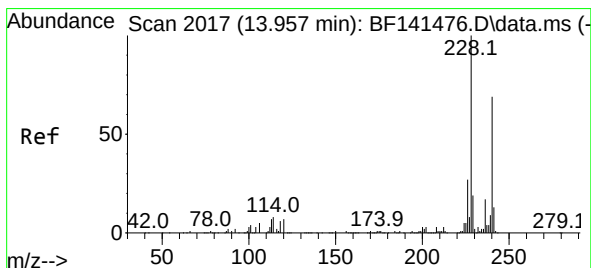
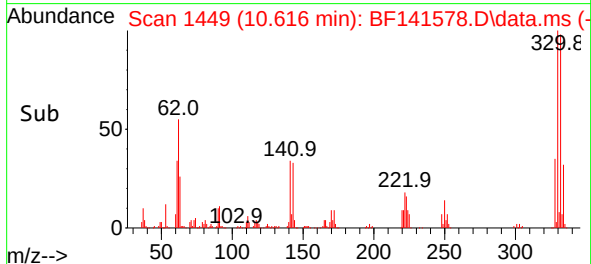
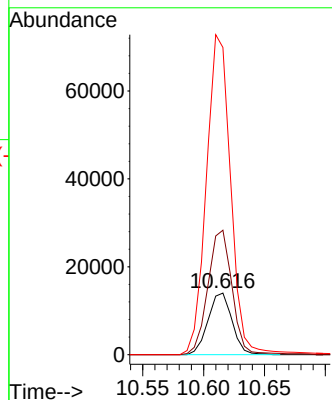
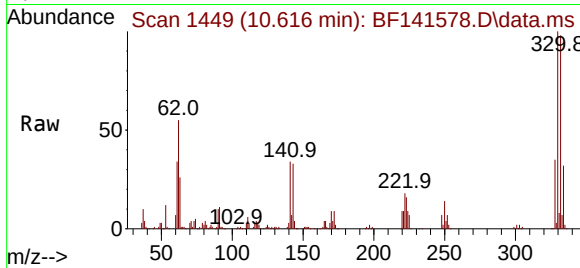




#67
4-Bromophenyl-phenylether
Concen: 4.779 ng
RT: 10.616 min Scan# 1491
Delta R.T. -0.247 min
Lab File: BF141578.D
Acq: 12 Feb 2025 09:59

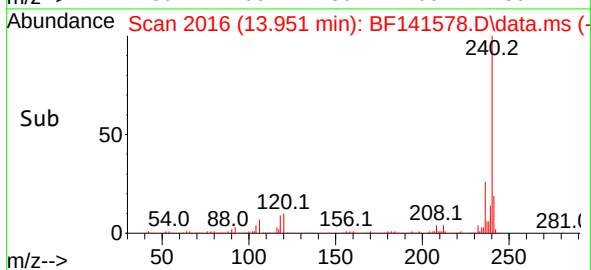
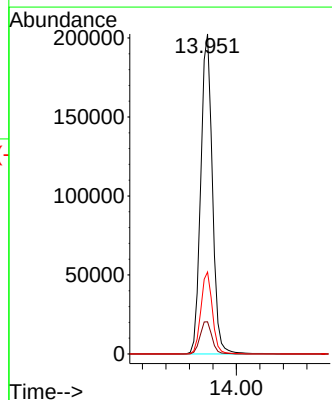
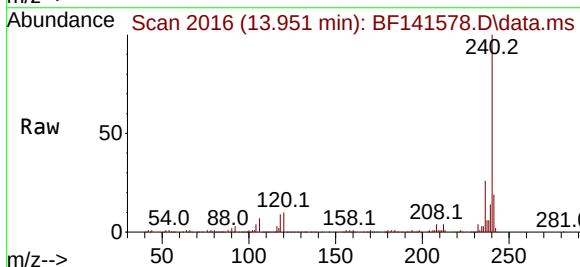
Instrument :
BNA_F
ClientSampleId :
PB166665BL

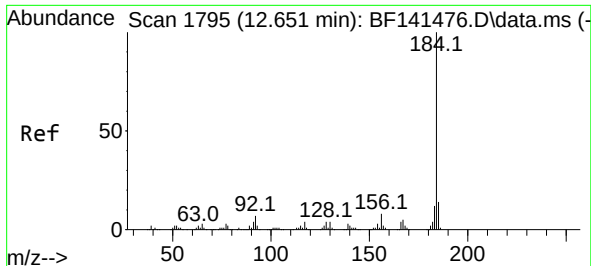
Tgt Ion:248 Resp: 19219
Ion Ratio Lower Upper
248 100
250 202.2 77.8 116.6#
141 499.0 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141578.D
Acq: 12 Feb 2025 09:59

Tgt Ion:240 Resp: 277626
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 25.6 19.8 29.8

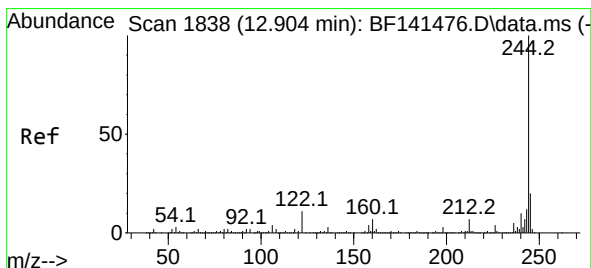
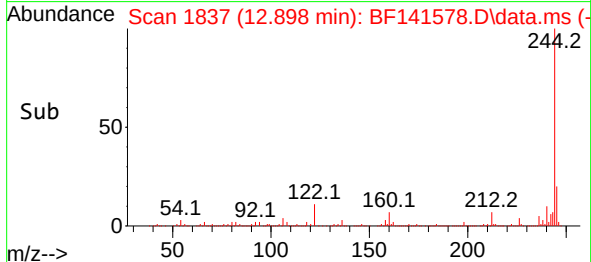
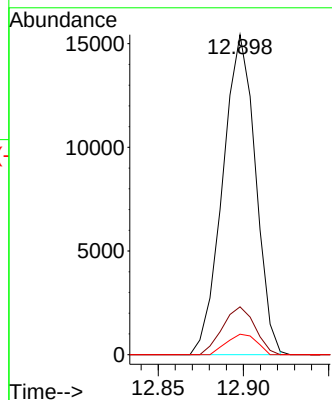
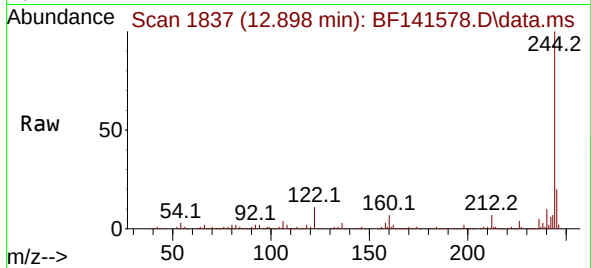




#77
Benzidine
Concen: 3.372 ng
RT: 12.898 min Scan# 1837
Delta R.T. 0.241 min
Lab File: BF141578.D
Acq: 12 Feb 2025 09:59

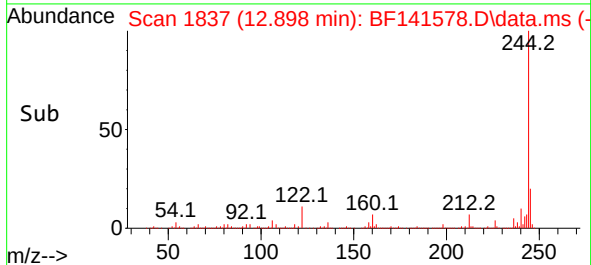
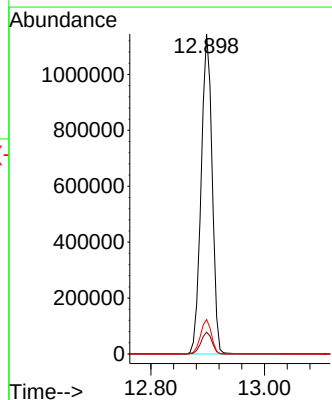
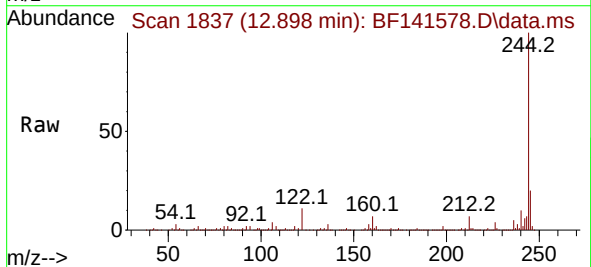
Instrument :
BNA_F
ClientSampleId :
PB166665BL

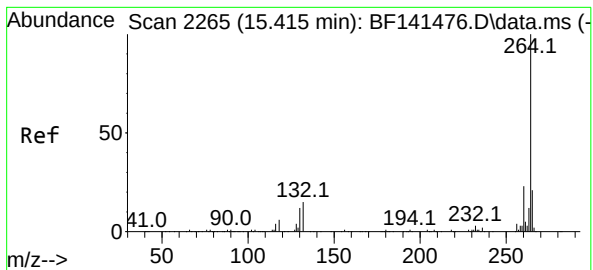
Tgt Ion:184 Resp: 20645
Ion Ratio Lower Upper
184 100
185 14.9 11.3 16.9
183 6.4 9.3 13.9#



#79
Terphenyl-d14
Concen: 93.763 ng
RT: 12.898 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF141578.D
Acq: 12 Feb 2025 09:59

Tgt Ion:244 Resp: 1541969
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 10.8 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141578.D
Acq: 12 Feb 2025 09:59

Instrument :
BNA_F
ClientSampleId :
PB166665BL

Tgt Ion:264 Resp: 209833
Ion Ratio Lower Upper
264 100
260 22.6 18.6 28.0
265 21.6 17.0 25.4

