

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
 Data File : BF143702.D
 Acq On : 11 Sep 2025 13:00
 Operator : RC/JU
 Sample : PB169649BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169649BL

Quant Time: Sep 11 13:25:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

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

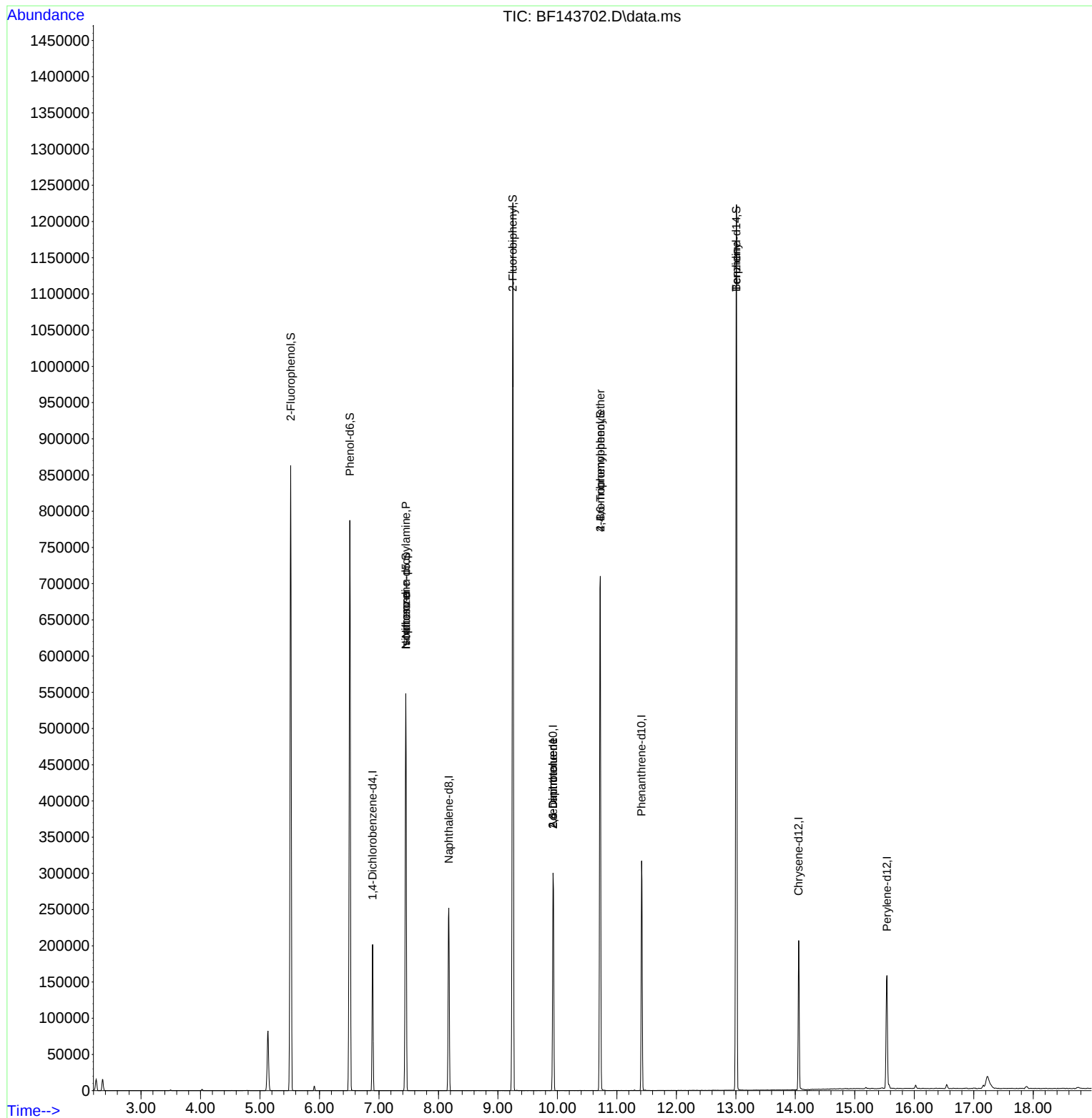
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	44271	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	169641	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	97086	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	169627	20.000	ng	0.00
76) Chrysene-d12	14.057	240	99790	20.000	ng	0.01
86) Perylene-d12	15.539	264	98683	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	353033	136.054	ng	0.02
7) Phenol-d6	6.510	99	426288	134.925	ng	0.00
23) Nitrobenzene-d5	7.451	82	262080	96.094	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	139554	142.634	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	599368	93.259	ng	0.00
79) Terphenyl-d14	13.010	244	638673	103.716	ng	0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	34276	17.664	ng	# 76
25) Isophorone	7.451	82	261338	49.971	ng	# 64
51) 2,6-Dinitrotoluene	9.928	165	12169	10.076	ng	# 27
57) 2,4-Dinitrotoluene	9.928	165	12169	7.403	ng	# 27
67) 4-Bromophenyl-phenylether	10.722	248	9122	4.459	ng	# 1
77) Benzidine	13.010	184	6883	2.115	ng	# 92

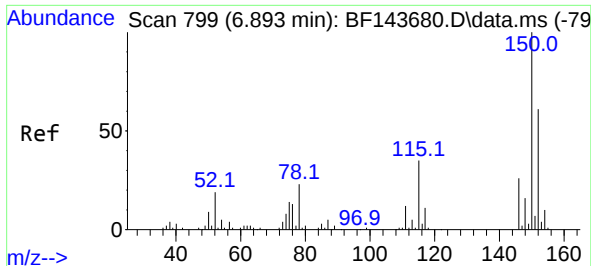
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 3 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
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QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

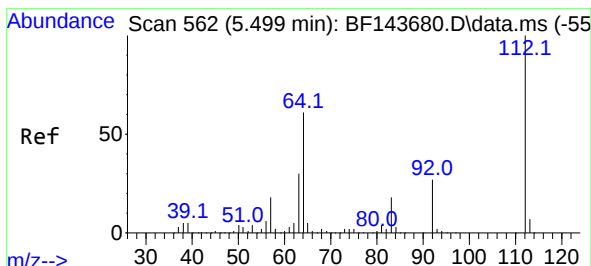
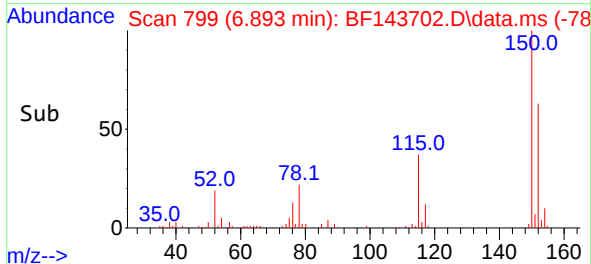
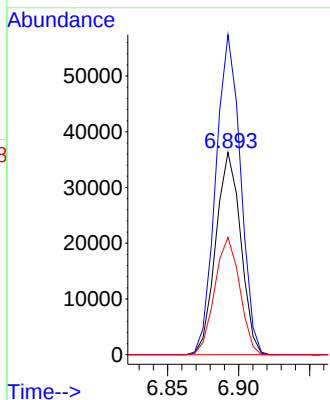
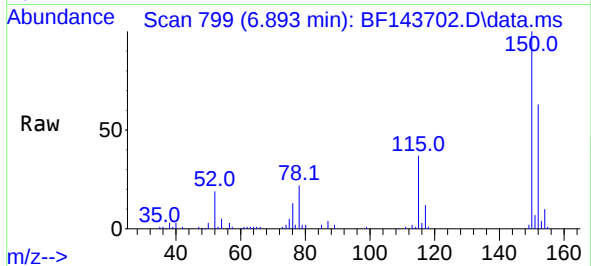




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF143702.D
Acq: 11 Sep 2025 13:00

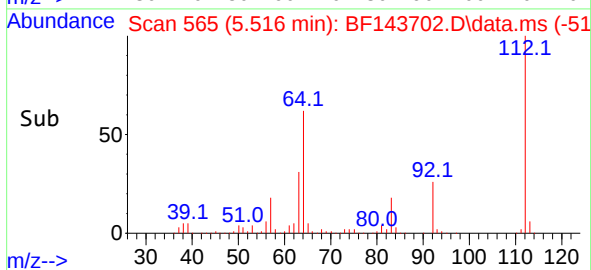
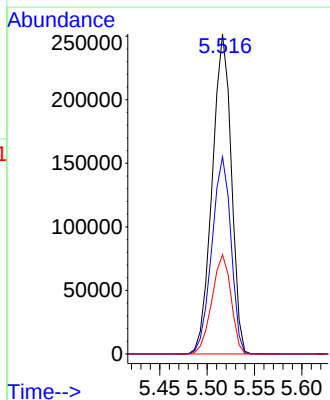
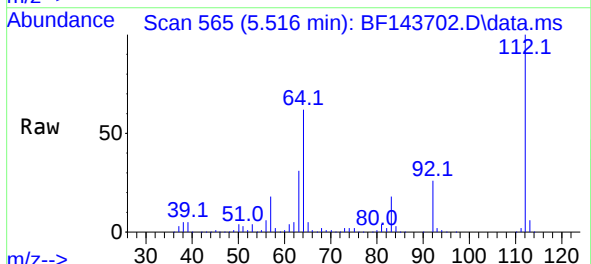
Instrument :
BNA_F
ClientSampleId :
PB169649BL

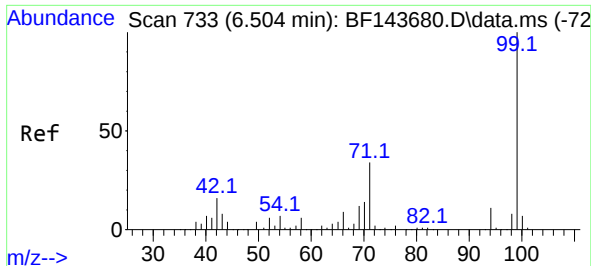
Tgt Ion:152 Resp: 44271
Ion Ratio Lower Upper
152 100
150 158.3 130.7 196.1
115 58.1 45.9 68.9



#5
2-Fluorophenol
Concen: 136.054 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.018 min
Lab File: BF143702.D
Acq: 11 Sep 2025 13:00

Tgt Ion:112 Resp: 353033
Ion Ratio Lower Upper
112 100
64 61.6 49.0 73.4
63 31.0 24.3 36.5

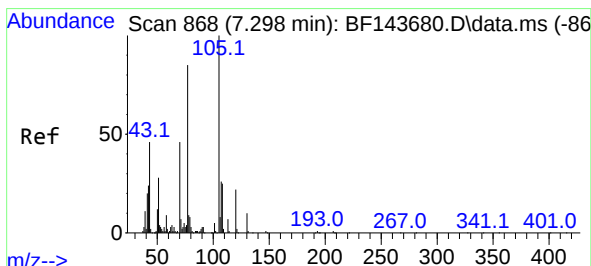
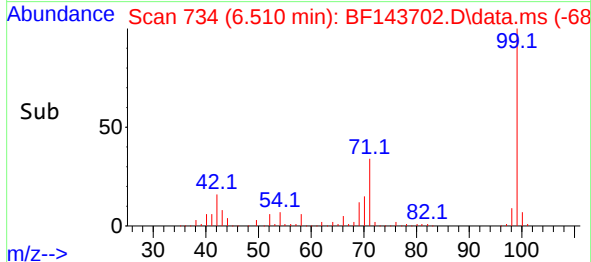
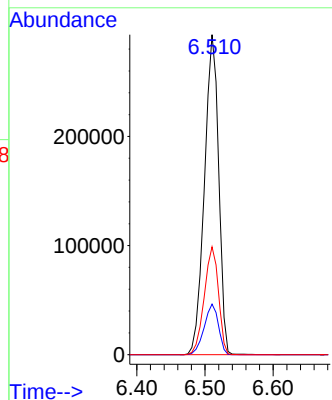
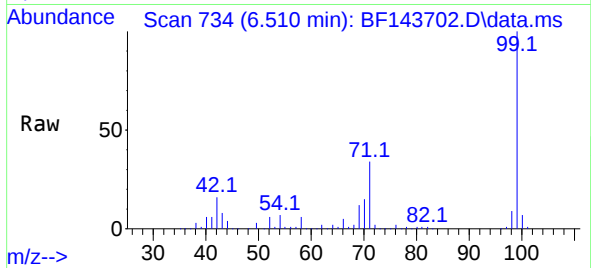




#7
Phenol-d6
Concen: 134.925 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF143702.D
Acq: 11 Sep 2025 13:00

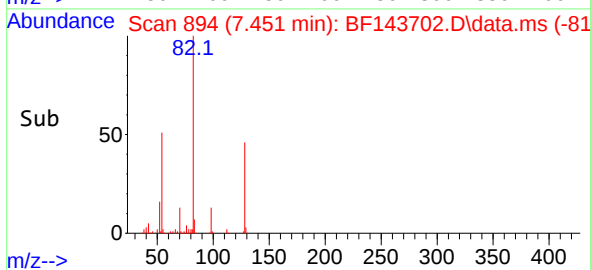
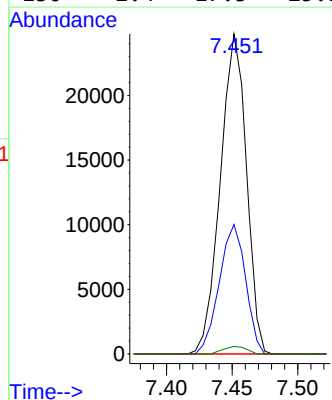
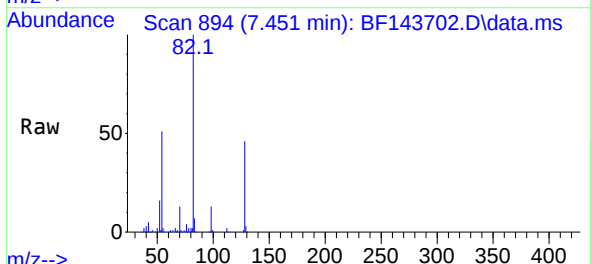
Instrument :
BNA_F
ClientSampleId :
PB169649BL

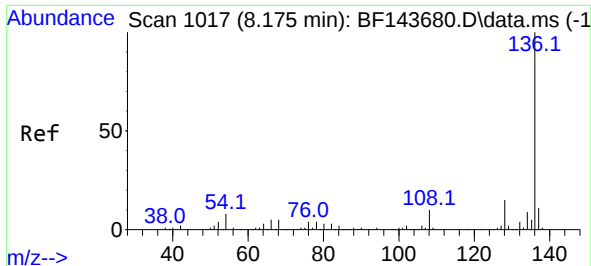
Tgt Ion: 99 Resp: 426288
Ion Ratio Lower Upper
99 100
42 15.8 13.0 19.4
71 33.7 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.664 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.153 min
Lab File: BF143702.D
Acq: 11 Sep 2025 13:00

Tgt Ion: 70 Resp: 34276
Ion Ratio Lower Upper
70 100
42 40.4 41.4 62.2#
101 0.0 8.1 12.1#
130 2.4 17.3 25.9#



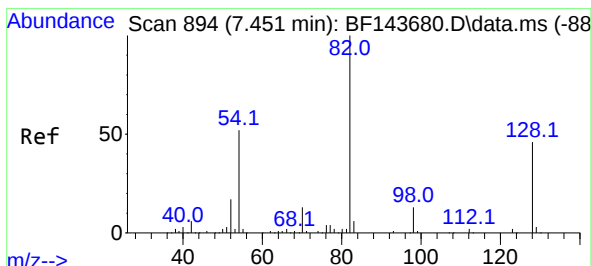
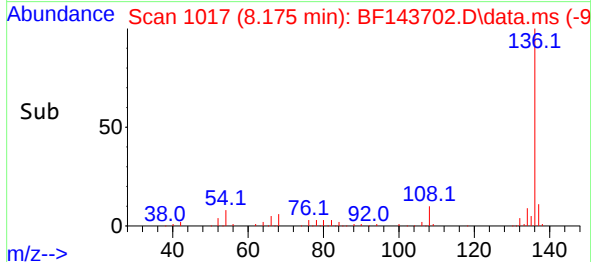
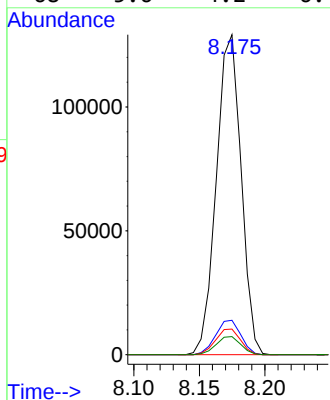
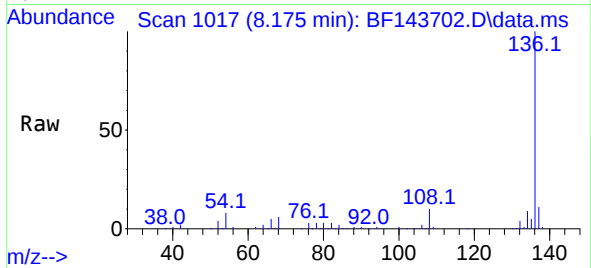


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143702.D
Acq: 11 Sep 2025 13:00

Instrument :
BNA_F
ClientSampleId :
PB169649BL

Tgt Ion:136 Resp: 169641

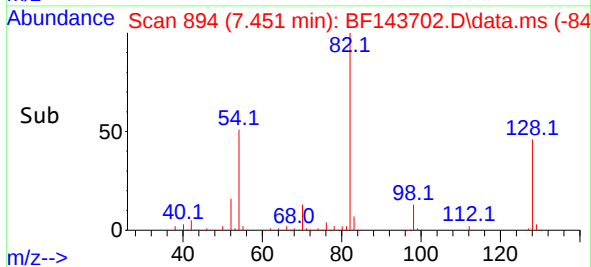
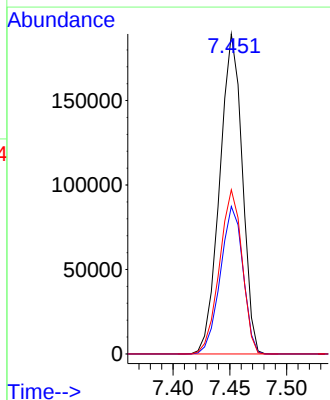
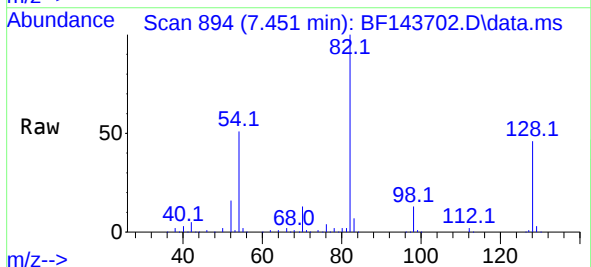
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.0	6.2	9.2
68	5.6	4.2	6.4

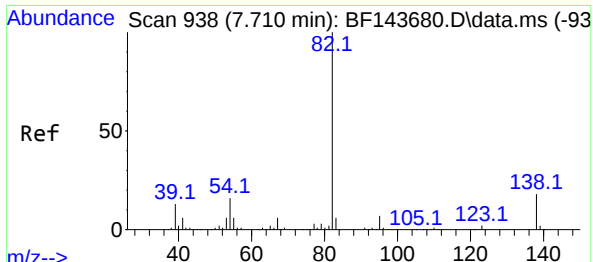


#23
Nitrobenzene-d5
Concen: 96.094 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF143702.D
Acq: 11 Sep 2025 13:00

Tgt Ion: 82 Resp: 262080

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.0	55.4
54	51.3	41.8	62.8

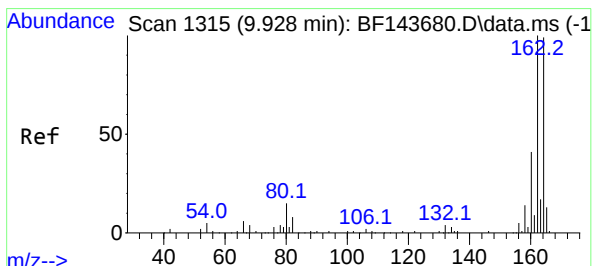
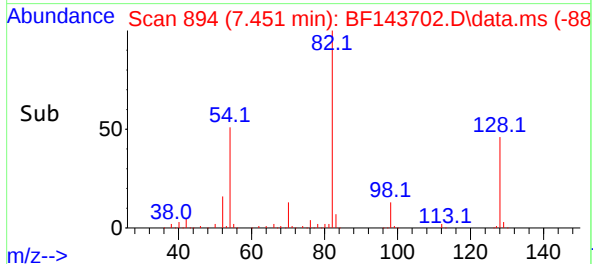
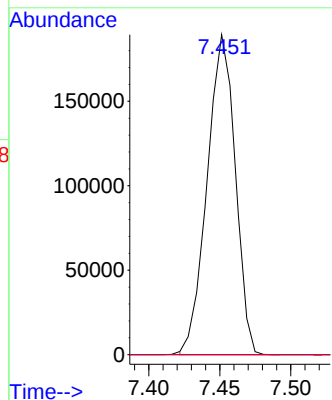
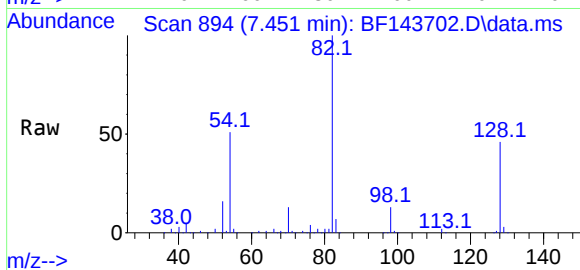




#25
Isophorone
Concen: 49.971 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.259 min
Lab File: BF143702.D
Acq: 11 Sep 2025 13:00

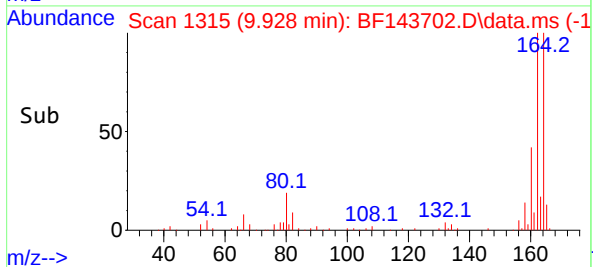
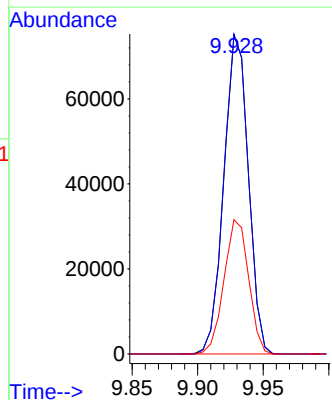
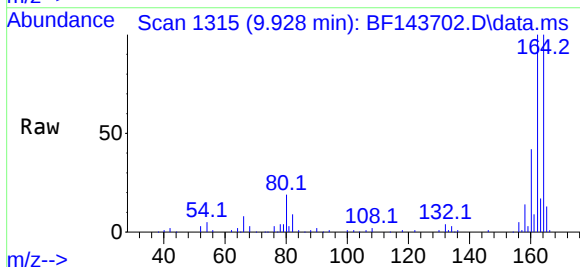
Instrument :
BNA_F
ClientSampleId :
PB169649BL

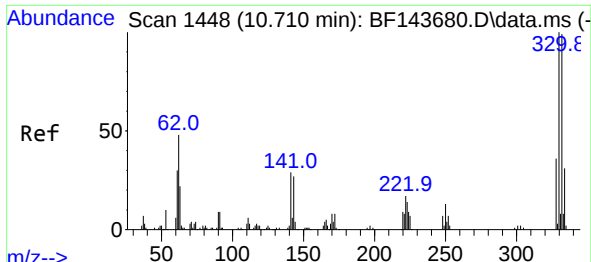
Tgt Ion: 82 Resp: 261338
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.8 22.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BF143702.D
Acq: 11 Sep 2025 13:00

Tgt Ion:164 Resp: 97086
Ion Ratio Lower Upper
164 100
162 100.5 80.6 121.0
160 42.1 33.0 49.4

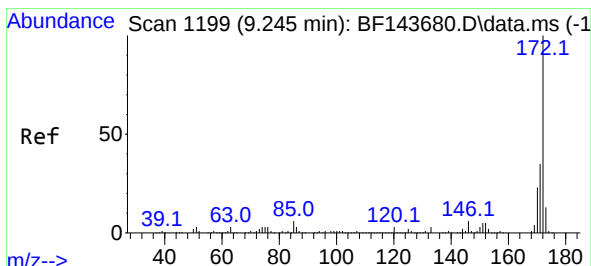
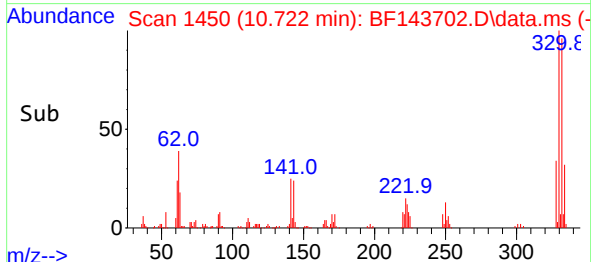
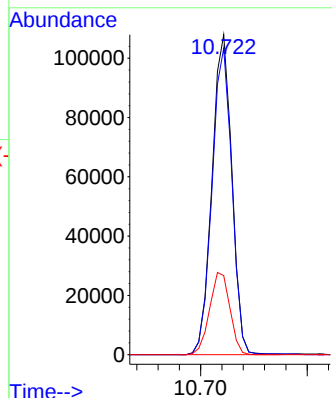
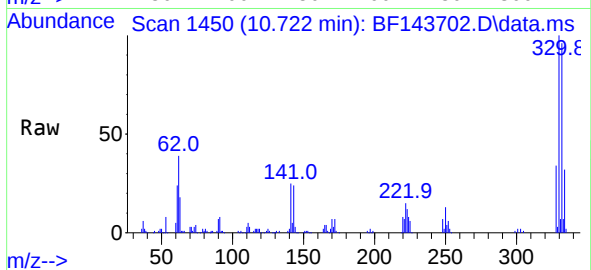




#42
2,4,6-Tribromophenol
Concen: 142.634 ng
RT: 10.722 min Scan# 1448
Delta R.T. 0.012 min
Lab File: BF143702.D
Acq: 11 Sep 2025 13:00

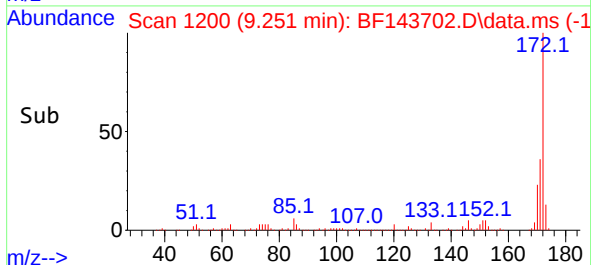
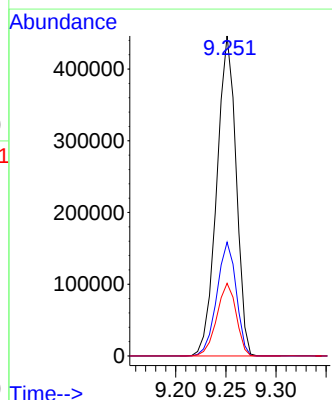
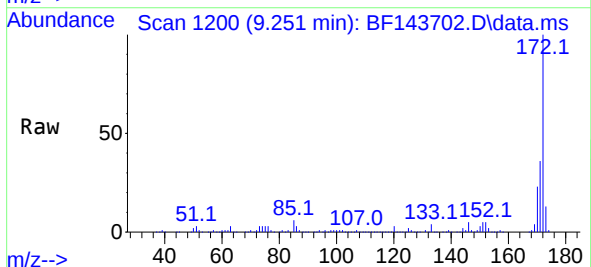
Instrument :
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ClientSampleId :
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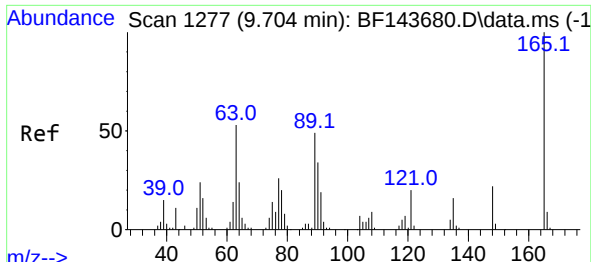
Tgt Ion:330 Resp: 139554
Ion Ratio Lower Upper
330 100
332 96.1 79.2 118.8
141 26.3 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 93.259 ng
RT: 9.251 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF143702.D
Acq: 11 Sep 2025 13:00

Tgt Ion:172 Resp: 599368
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 22.7 18.6 27.8

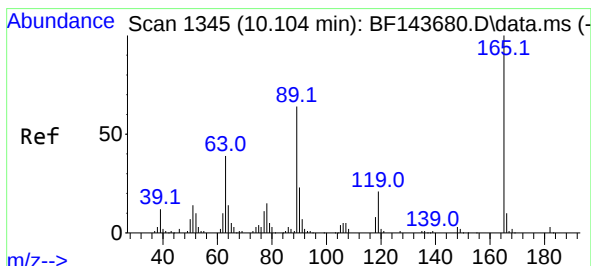
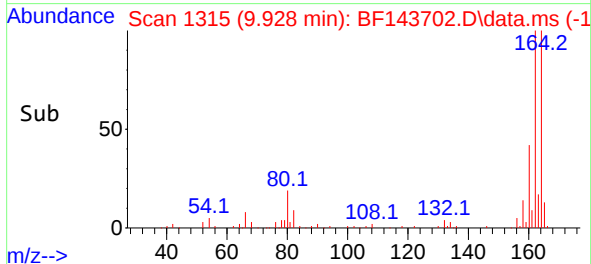
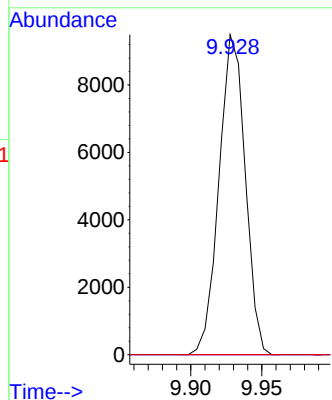
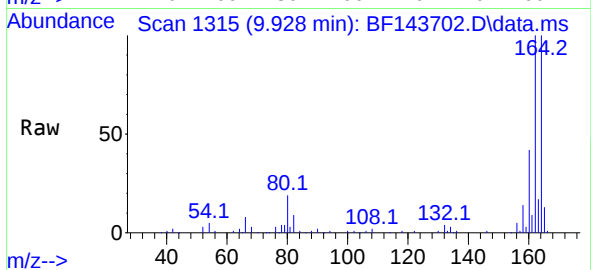




#51
2,6-Dinitrotoluene
Concen: 10.076 ng
RT: 9.928 min Scan# 1315
Delta R.T. 0.223 min
Lab File: BF143702.D
Acq: 11 Sep 2025 13:00

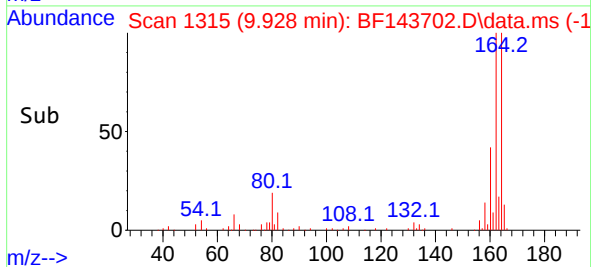
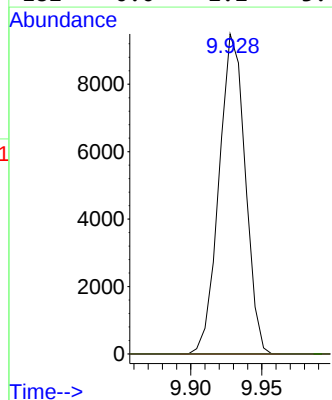
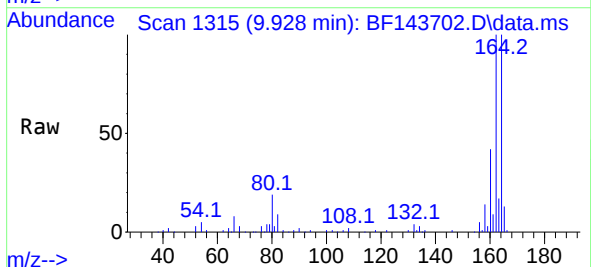
Instrument :
BNA_F
ClientSampleId :
PB169649BL

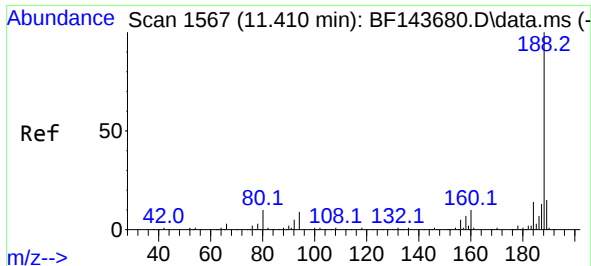
Tgt Ion:165 Resp: 12169
Ion Ratio Lower Upper
165 100
63 0.0 42.2 63.4#
89 0.0 39.3 58.9#



#57
2,4-Dinitrotoluene
Concen: 7.403 ng
RT: 9.928 min Scan# 1315
Delta R.T. -0.177 min
Lab File: BF143702.D
Acq: 11 Sep 2025 13:00

Tgt Ion:165 Resp: 12169
Ion Ratio Lower Upper
165 100
63 0.0 31.5 47.3#
89 0.0 51.3 76.9#
182 0.0 2.2 3.4#

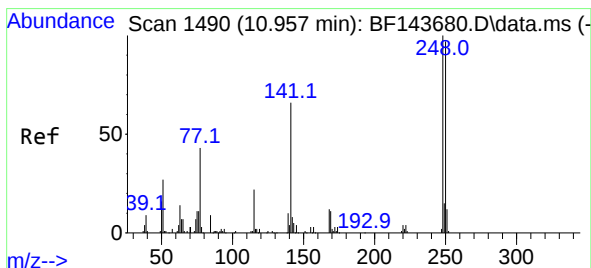
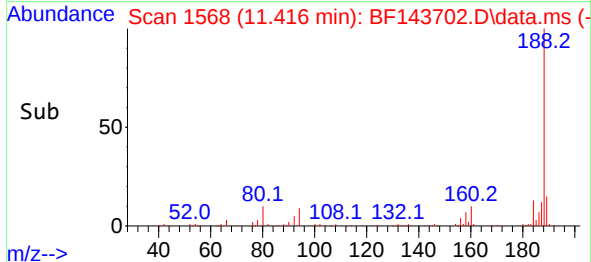
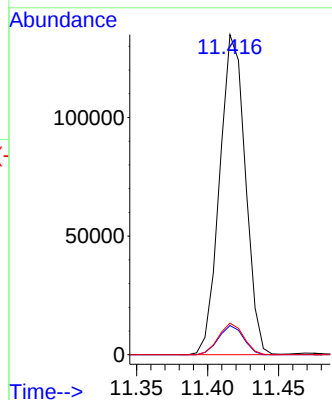
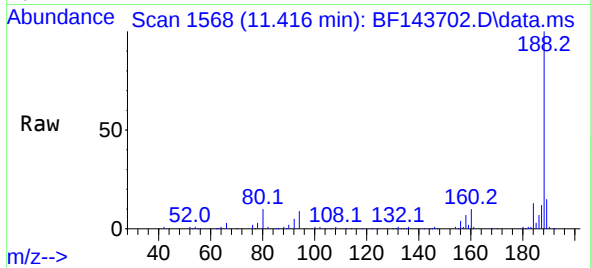




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143702.D
Acq: 11 Sep 2025 13:00

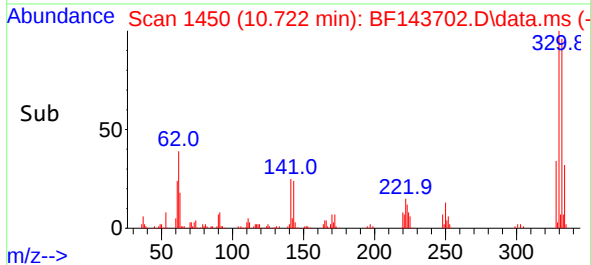
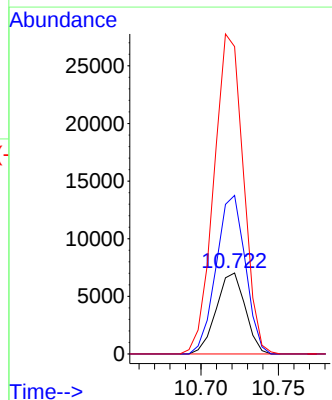
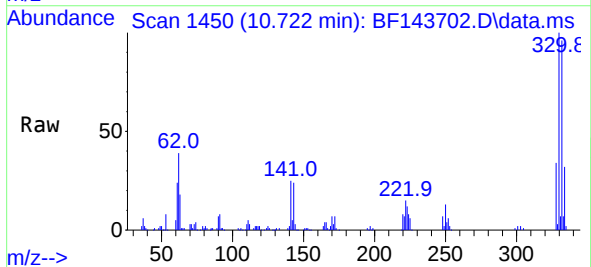
Instrument :
BNA_F
ClientSampleId :
PB169649BL

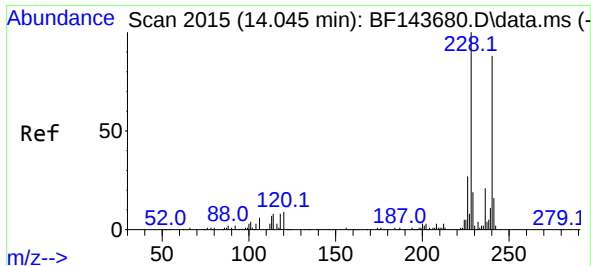
Tgt Ion:188 Resp: 169627
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 9.8 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 4.459 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.235 min
Lab File: BF143702.D
Acq: 11 Sep 2025 13:00

Tgt Ion:248 Resp: 9122
Ion Ratio Lower Upper
248 100
250 196.0 77.5 116.3#
141 379.9 52.6 79.0#

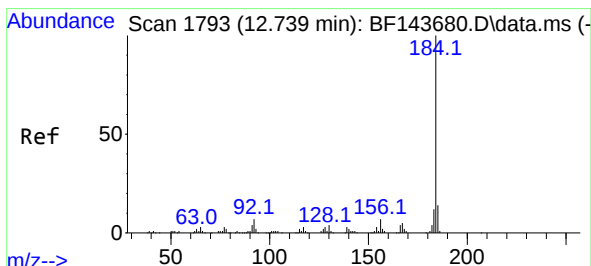
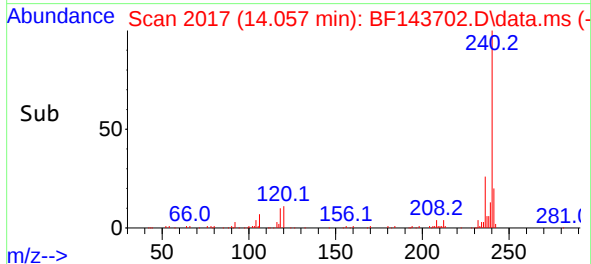
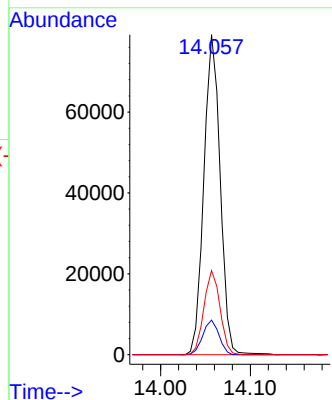
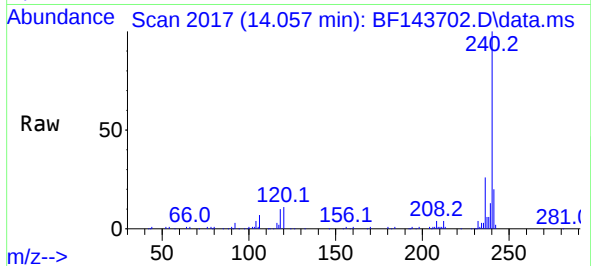




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2015
Delta R.T. 0.012 min
Lab File: BF143702.D
Acq: 11 Sep 2025 13:00

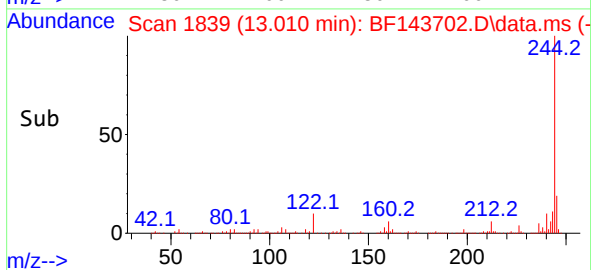
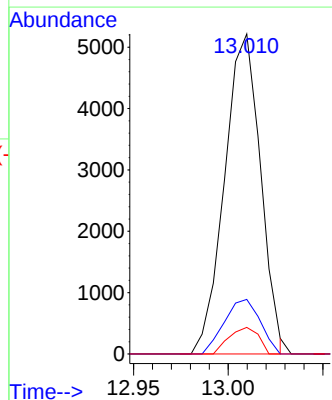
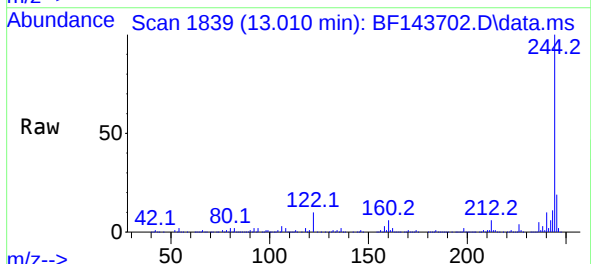
Instrument :
BNA_F
ClientSampleId :
PB169649BL

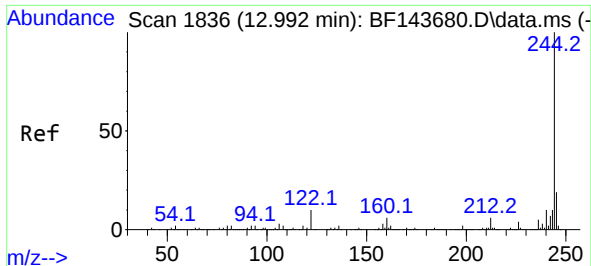
Tgt Ion:240 Resp: 99790
Ion Ratio Lower Upper
240 100
120 10.8 8.4 12.6
236 26.3 18.6 28.0



#77
Benzidine
Concen: 2.115 ng
RT: 13.010 min Scan# 1839
Delta R.T. 0.270 min
Lab File: BF143702.D
Acq: 11 Sep 2025 13:00

Tgt Ion:184 Resp: 6883
Ion Ratio Lower Upper
184 100
185 17.1 11.5 17.3
183 8.3 9.4 14.2#

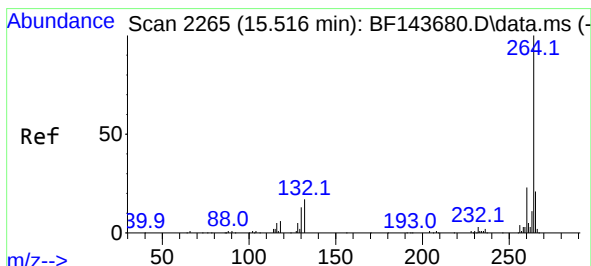
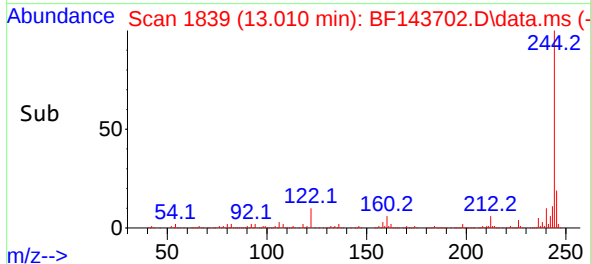
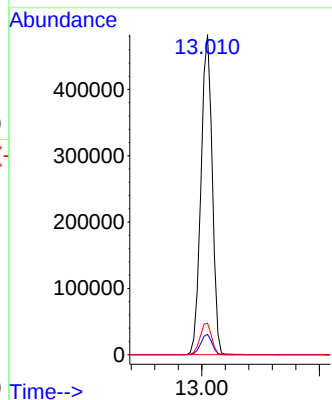
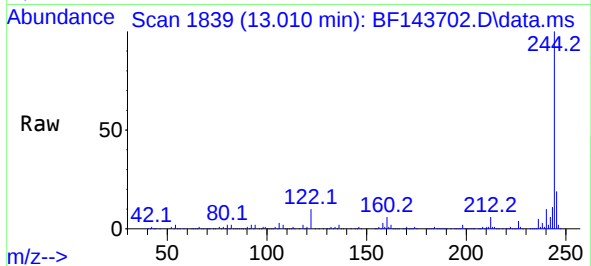




#79
Terphenyl-d14
Concen: 103.716 ng
RT: 13.010 min Scan# 1839
Delta R.T. 0.018 min
Lab File: BF143702.D
Acq: 11 Sep 2025 13:00

Instrument :
BNA_F
ClientSampleId :
PB169649BL

Tgt Ion:244 Resp: 638673
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.6
122 9.9 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.023 min
Lab File: BF143702.D
Acq: 11 Sep 2025 13:00

Tgt Ion:264 Resp: 98683
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 21.8 17.1 25.7

