

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
 Data File : BF143778.D
 Acq On : 16 Sep 2025 17:51
 Operator : RC/JU
 Sample : PB169672BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169672BL

Quant Time: Sep 16 18:22:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 16 15:40:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	5087	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	16785	20.000	ng	#-0.01
39) Acenaphthene-d10	9.928	164	8678	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	14319	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	7484	20.000	ng	-0.01
86) Perylene-d12	15.545	264	5255	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	42366	132.960	ng	0.00
7) Phenol-d6	6.510	99	48230	129.598	ng	-0.02
23) Nitrobenzene-d5	7.451	82	27917	98.415	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	11722	133.924	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	57689	91.516	ng	0.00
79) Terphenyl-d14	13.010	244	52335	108.912	ng	0.00

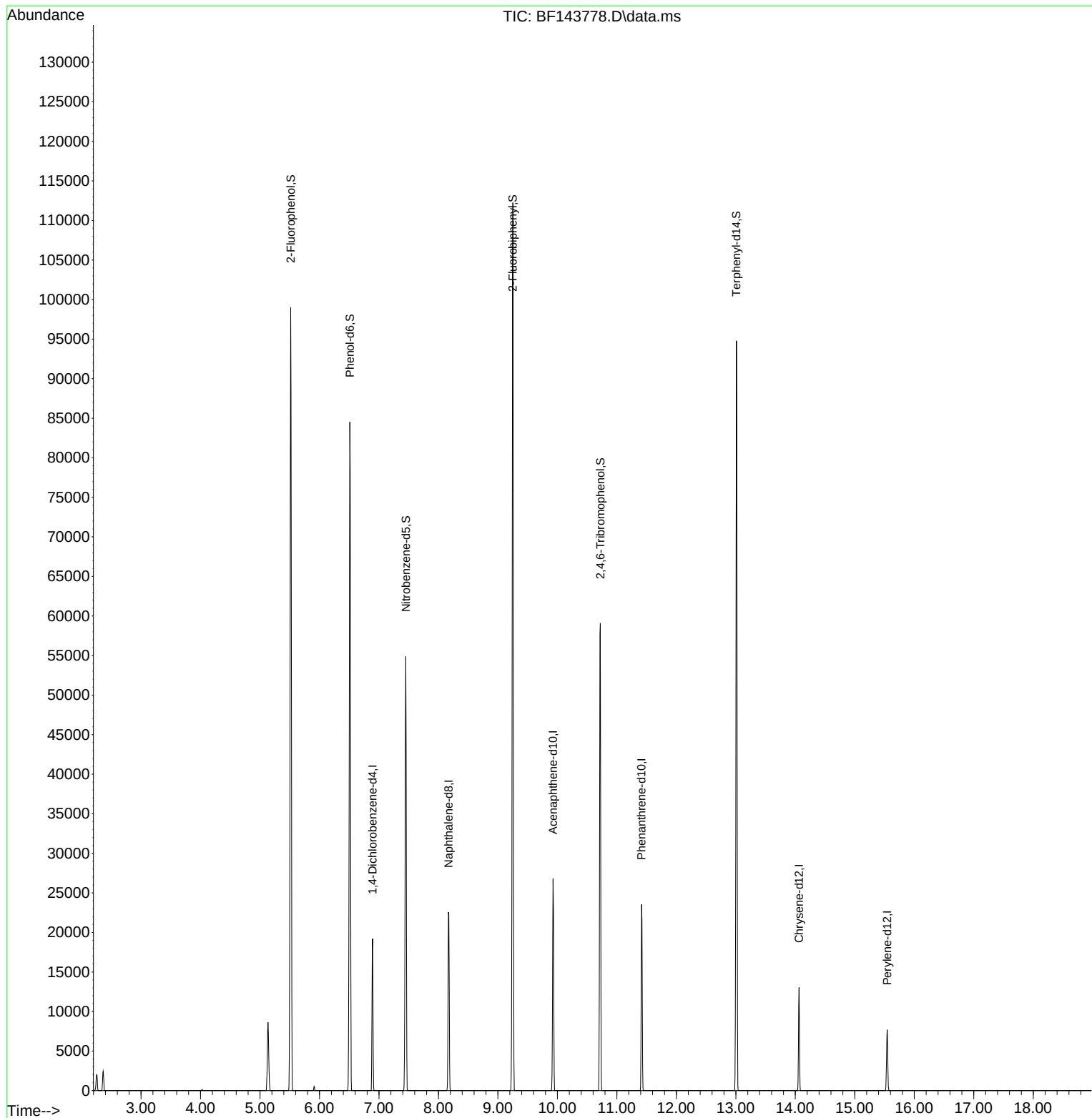
Target Compounds	Qvalue

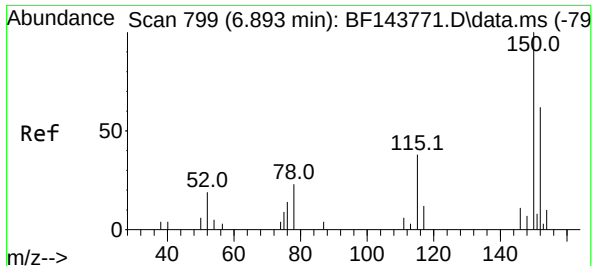
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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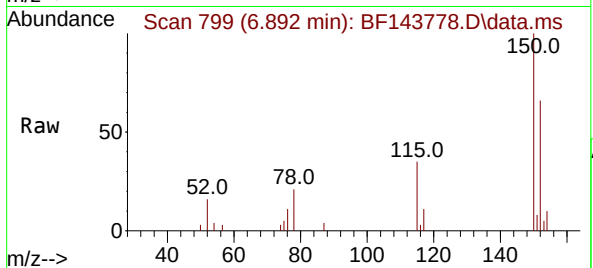
Quant Time: Sep 16 18:22:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
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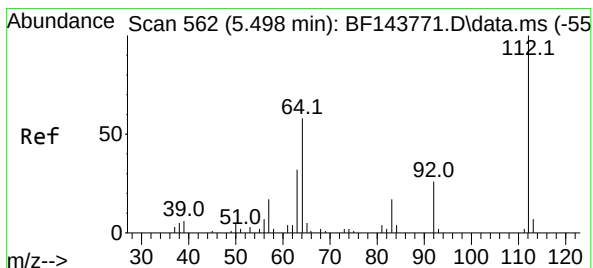
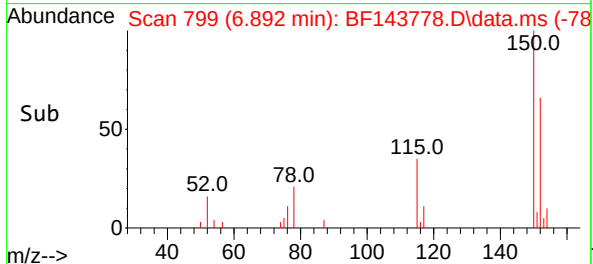
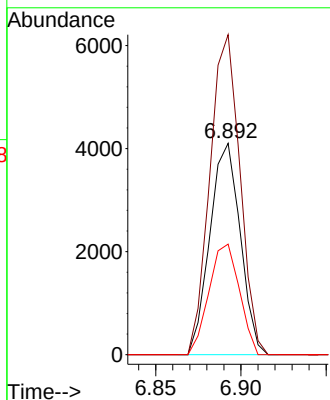


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF143778.D
Acq: 16 Sep 2025 17:51

Instrument :
BNA_F
ClientSampleId :
PB169672BL

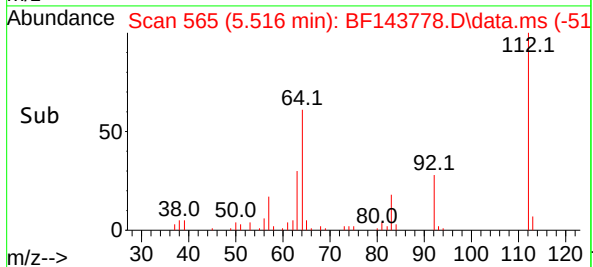
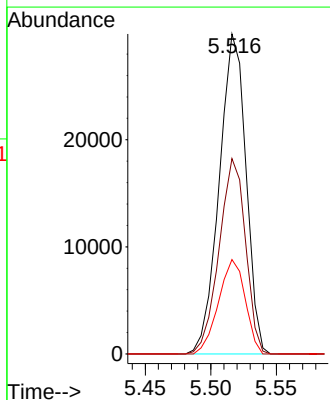
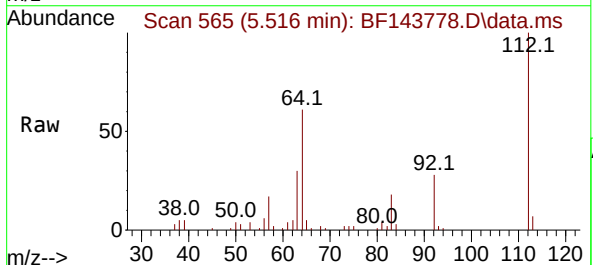


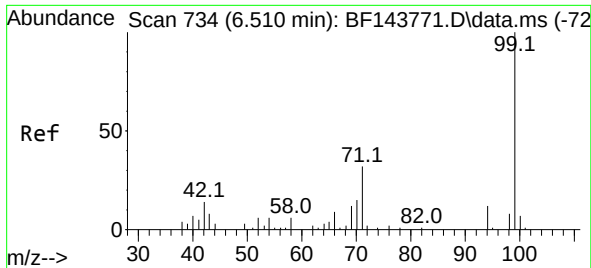
Tgt Ion:152 Resp: 5087
Ion Ratio Lower Upper
152 100
150 151.4 128.8 193.2
115 52.3 49.1 73.7



#5
2-Fluorophenol
Concen: 132.960 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF143778.D
Acq: 16 Sep 2025 17:51

Tgt Ion:112 Resp: 42366
Ion Ratio Lower Upper
112 100
64 61.0 46.3 69.5
63 29.5 25.4 38.2

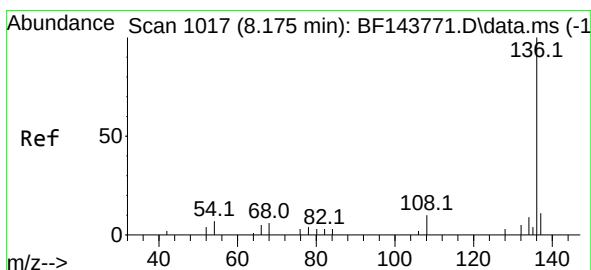
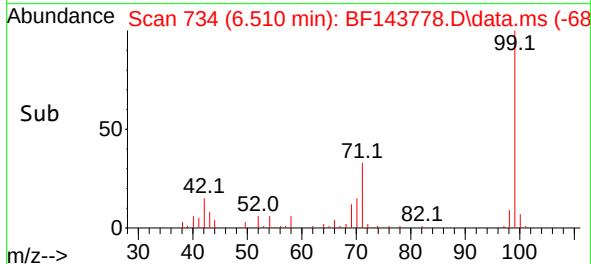
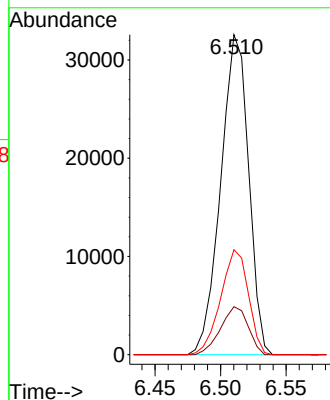
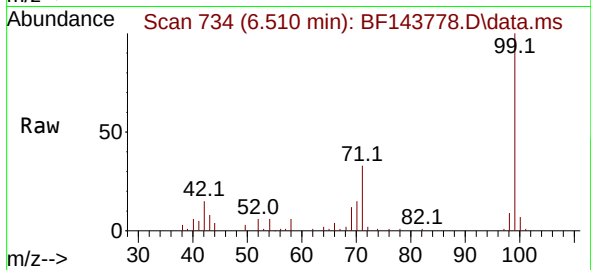




#7
Phenol-d6
Concen: 129.598 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF143778.D
Acq: 16 Sep 2025 17:51

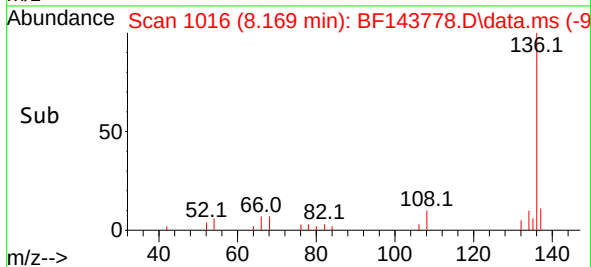
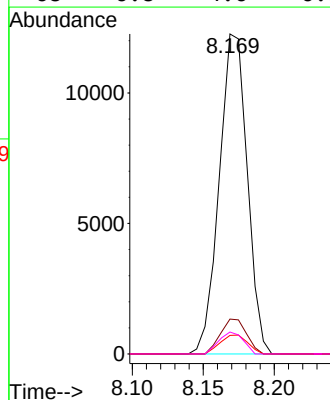
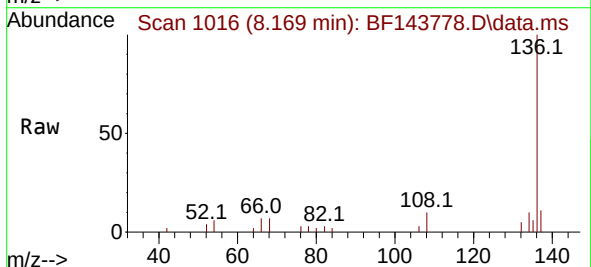
Instrument :
BNA_F
ClientSampleId :
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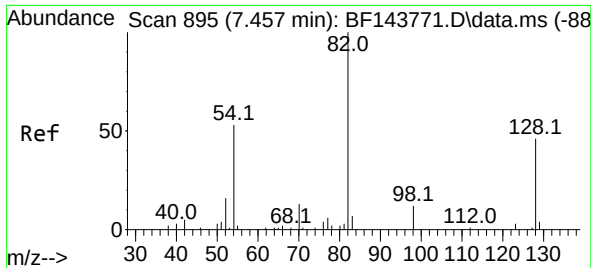
Tgt Ion: 99 Resp: 48230
Ion Ratio Lower Upper
99 100
42 15.0 11.5 17.3
71 32.8 25.4 38.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF143778.D
Acq: 16 Sep 2025 17:51

Tgt Ion:136 Resp: 16785
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 5.8 5.9 8.9#
68 6.8 4.6 6.8

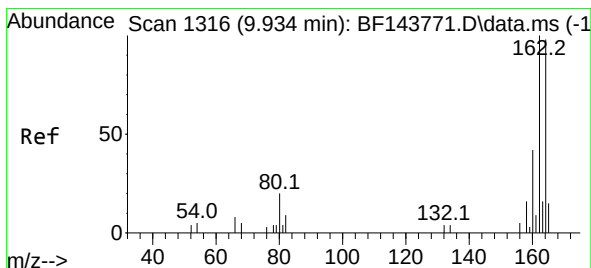
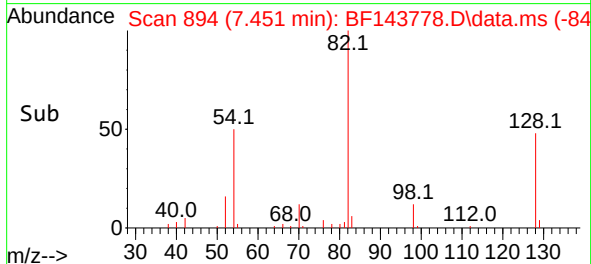
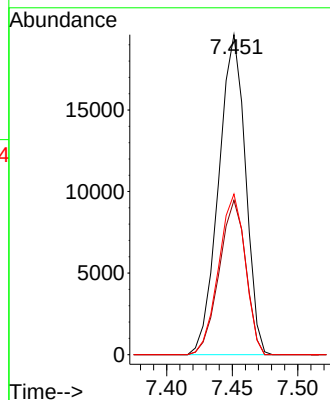
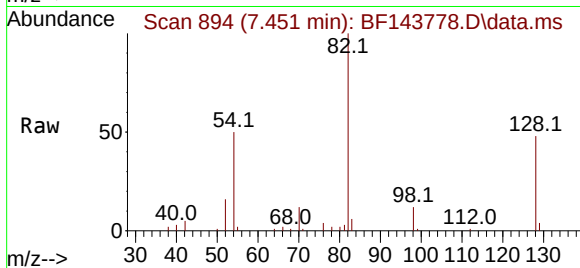




#23
 Nitrobenzene-d5
 Concen: 98.415 ng
 RT: 7.451 min Scan# 894
 Delta R.T. -0.018 min
 Lab File: BF143778.D
 Acq: 16 Sep 2025 17:51

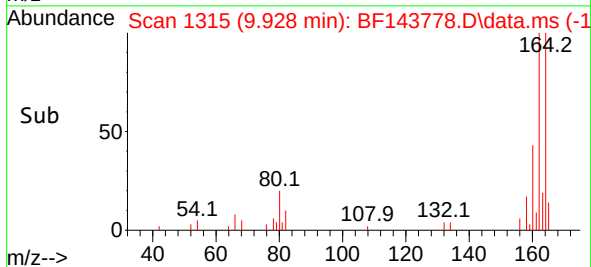
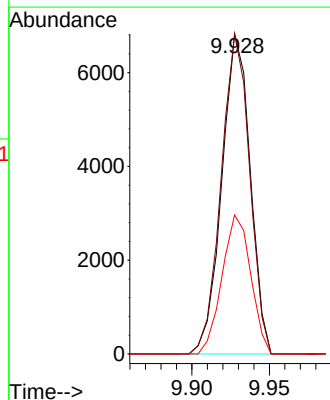
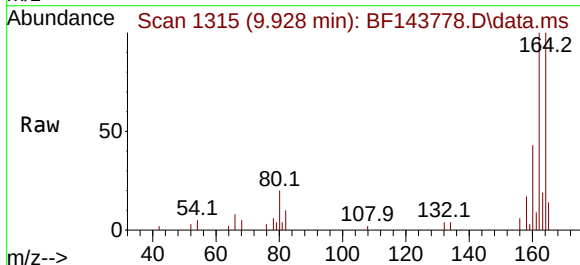
Instrument :
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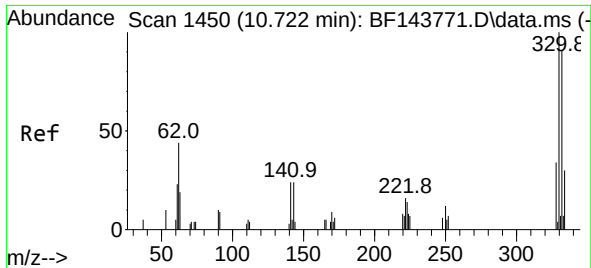
Tgt Ion: 82 Resp: 27917
 Ion Ratio Lower Upper
 82 100
 128 48.2 36.6 55.0
 54 50.2 41.9 62.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.928 min Scan# 1315
 Delta R.T. -0.006 min
 Lab File: BF143778.D
 Acq: 16 Sep 2025 17:51

Tgt Ion: 164 Resp: 8678
 Ion Ratio Lower Upper
 164 100
 162 100.0 81.5 122.3
 160 43.5 33.9 50.9

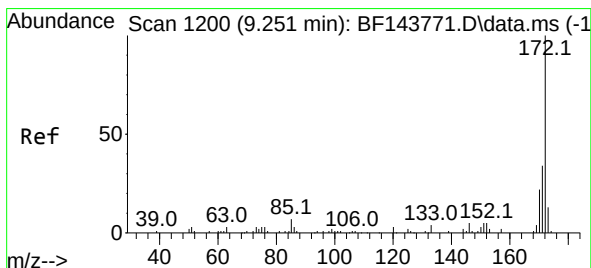
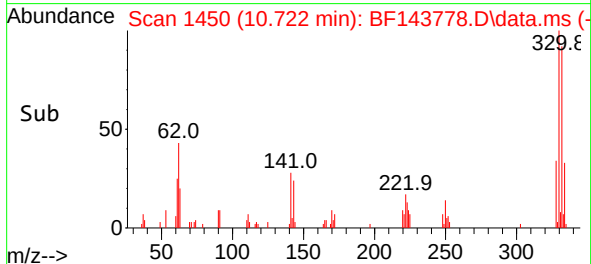
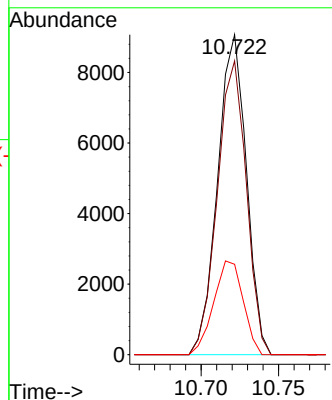
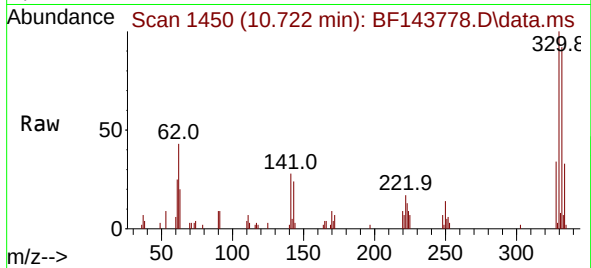




#42
2,4,6-Tribromophenol
Concen: 133.924 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF143778.D
Acq: 16 Sep 2025 17:51

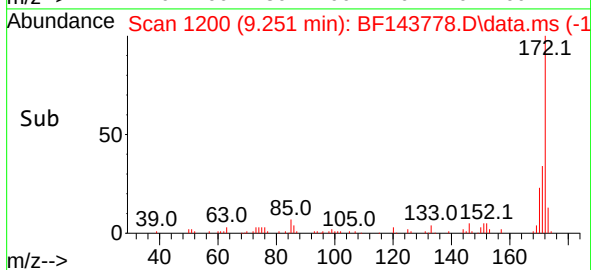
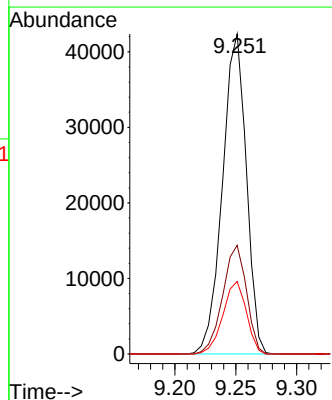
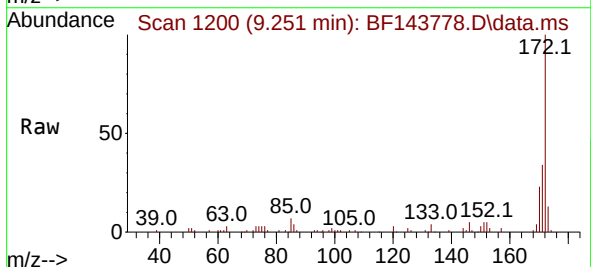
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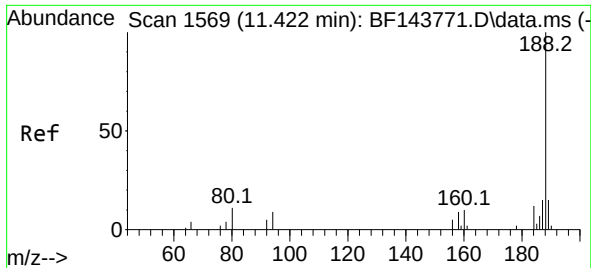
Tgt Ion:330 Resp: 11722
Ion Ratio Lower Upper
330 100
332 92.5 72.0 108.0
141 30.0 20.3 30.5



#45
2-Fluorobiphenyl
Concen: 91.516 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF143778.D
Acq: 16 Sep 2025 17:51

Tgt Ion:172 Resp: 57689
Ion Ratio Lower Upper
172 100
171 33.9 27.5 41.3
170 22.7 17.7 26.5

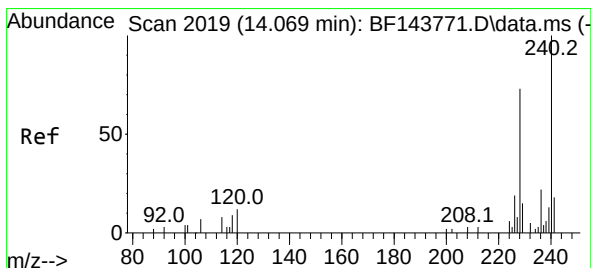
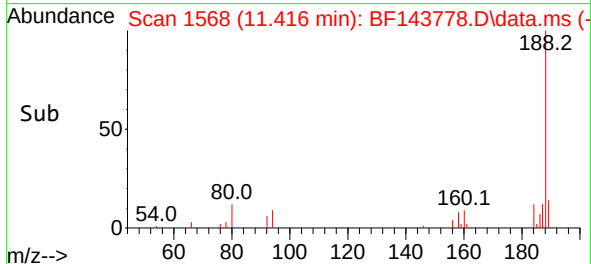
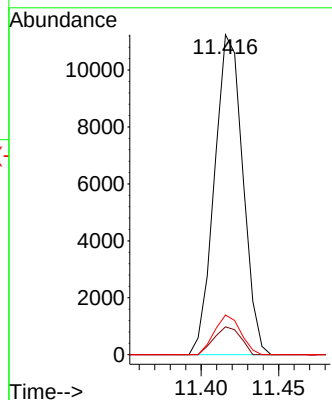
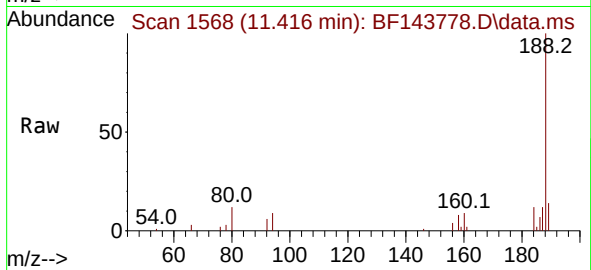




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143778.D
Acq: 16 Sep 2025 17:51

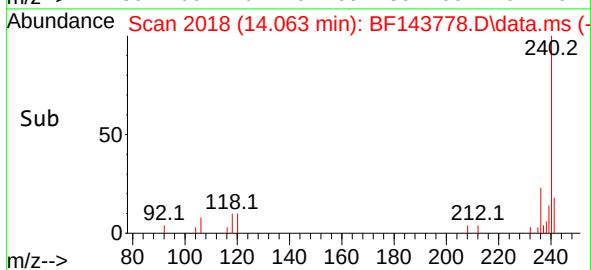
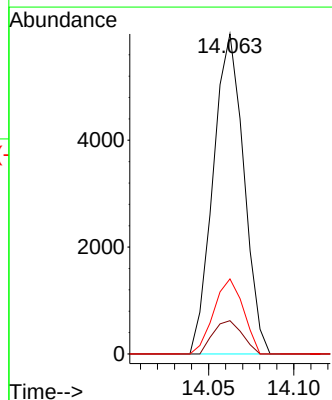
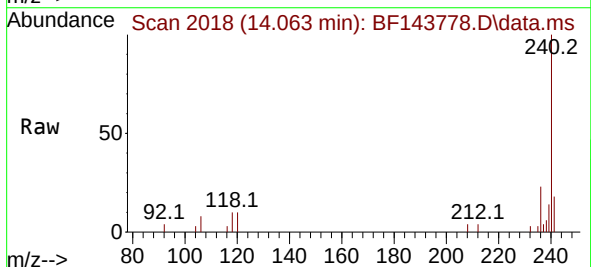
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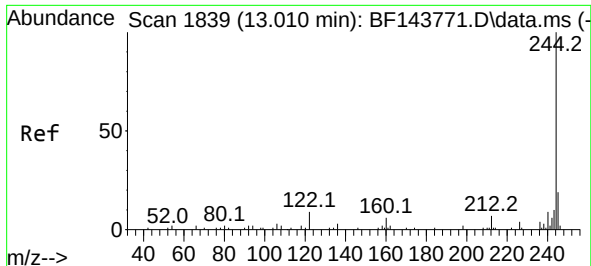
Tgt Ion:188 Resp: 14319
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 12.4 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF143778.D
Acq: 16 Sep 2025 17:51

Tgt Ion:240 Resp: 7484
Ion Ratio Lower Upper
240 100
120 10.4 9.3 13.9
236 23.5 17.7 26.5

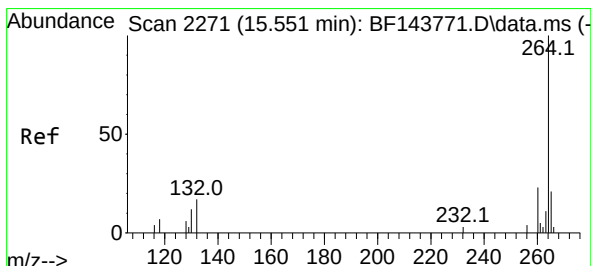
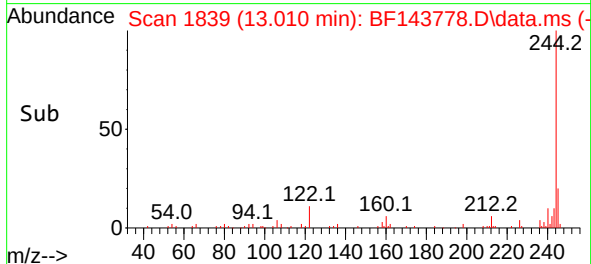
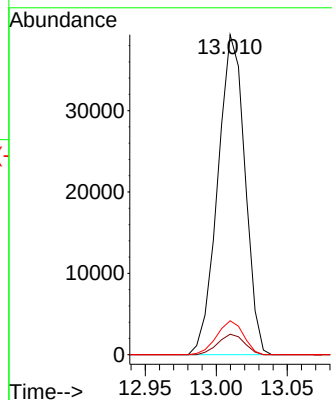
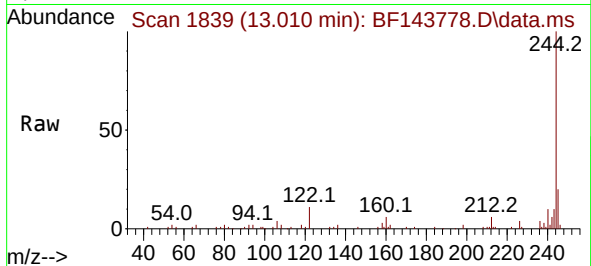




#79
 Terphenyl-d14
 Concen: 108.912 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF143778.D
 Acq: 16 Sep 2025 17:51

Instrument :
 BNA_F
 ClientSampleId :
 PB169672BL

Tgt Ion:244 Resp: 52335
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 10.6 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. -0.012 min
 Lab File: BF143778.D
 Acq: 16 Sep 2025 17:51

Tgt Ion:264 Resp: 5255
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 24.9 16.9 25.3

