

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103025\
 Data File : BN038122.D
 Acq On : 30 Oct 2025 10:49
 Operator : RC/JU
 Sample : PB170298BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170298BL

Quant Time: Oct 30 11:13:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

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

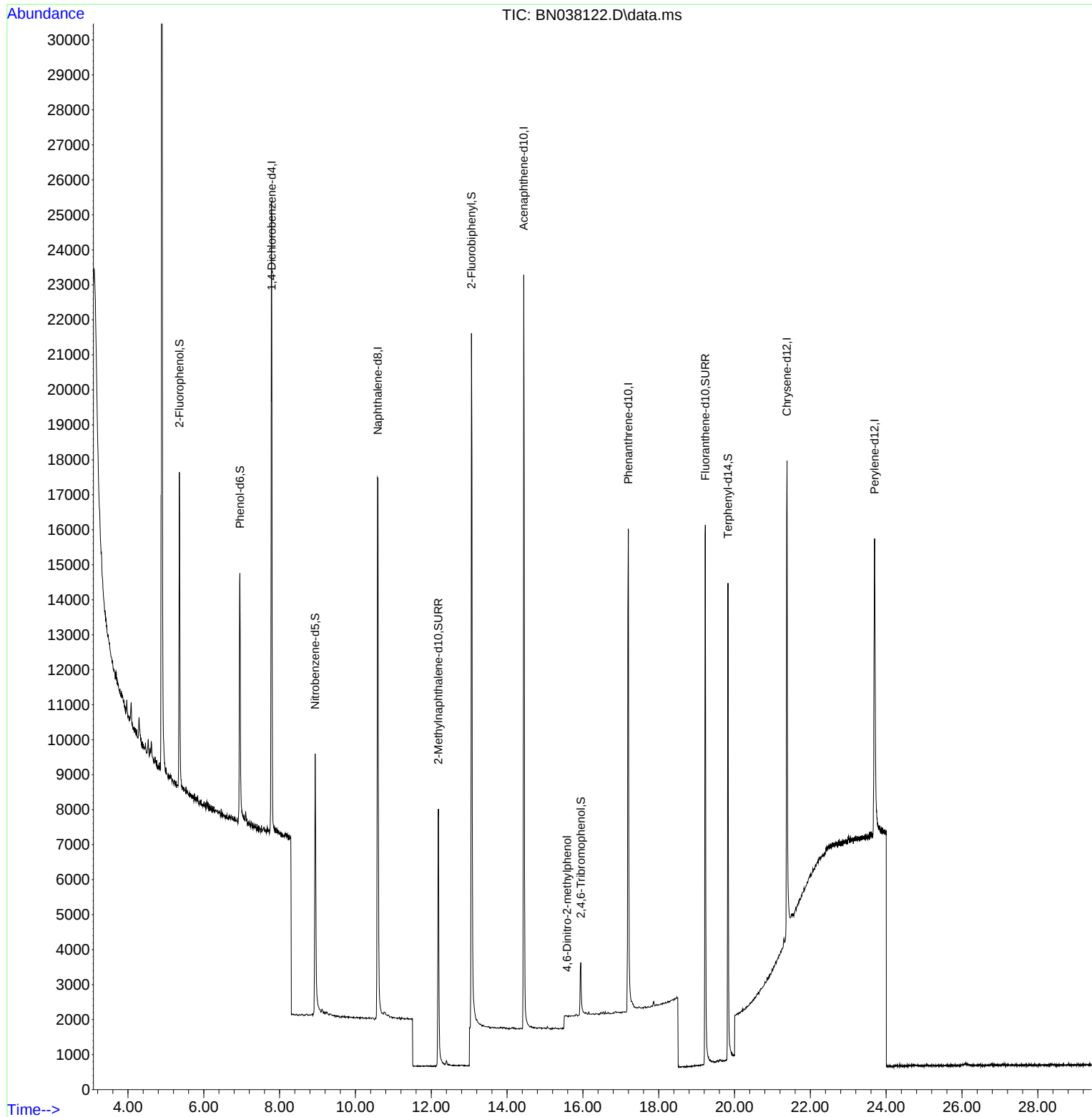
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	9151	0.400	ng	0.01
7) Naphthalene-d8	10.594	136	25373	0.400	ng	0.02
13) Acenaphthene-d10	14.441	164	13033	0.400	ng	0.01
19) Phenanthrene-d10	17.198	188	24037	0.400	ng	0.01
29) Chrysene-d12	21.384	240	15940	0.400	ng	0.00
35) Perylene-d12	23.695	264	14550	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.355	112	7548	0.350	ng	0.00
5) Phenol-d6	6.951	99	8193	0.312	ng	0.01
8) Nitrobenzene-d5	8.939	82	7267	0.355	ng	0.01
11) 2-Methylnaphthalene-d10	12.187	152	11971	0.330	ng	0.00
14) 2,4,6-Tribromophenol	15.944	330	1217	0.227	ng	0.01
15) 2-Fluorobiphenyl	13.062	172	21140	0.405	ng	0.01
27) Fluoranthene-d10	19.229	212	19986	0.330	ng	0.00
31) Terphenyl-d14	19.828	244	15656	0.452	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.584	198	10	0.185	ng	# 1

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

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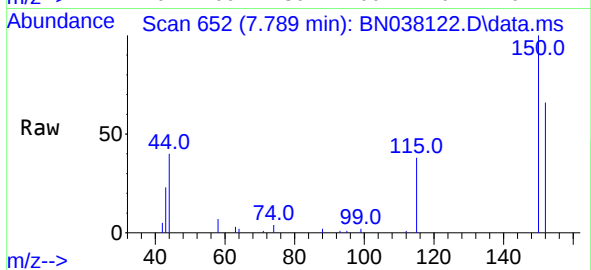
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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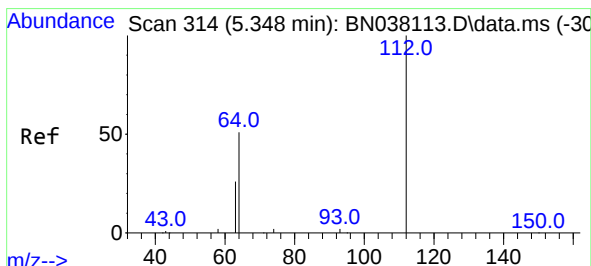
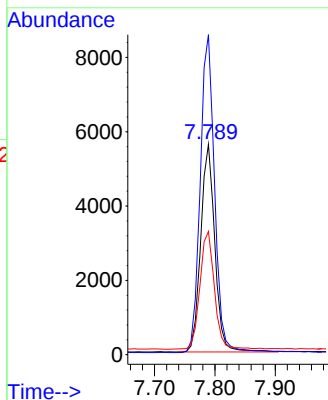
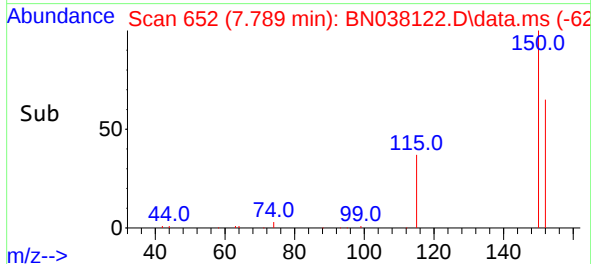


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.789 min Scan# 61
Delta R.T. 0.014 min
Lab File: BN038122.D
Acq: 30 Oct 2025 10:49

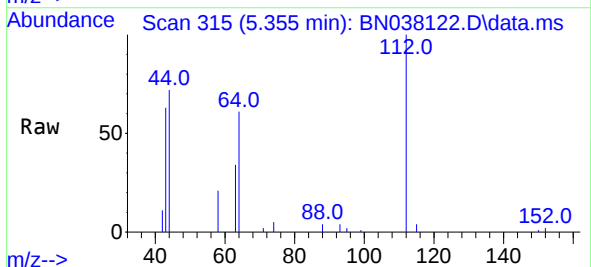
Instrument :
BNA_N
ClientSampleId :
PB170298BL



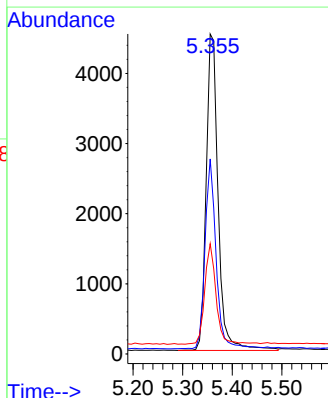
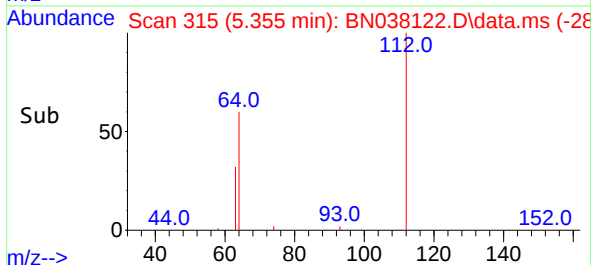
Tgt Ion:152 Resp: 9151
Ion Ratio Lower Upper
152 100
150 152.1 122.3 183.5
115 58.5 47.4 71.0

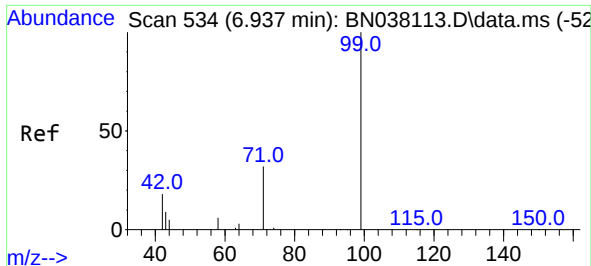


#4
2-Fluorophenol
Concen: 0.350 ng
RT: 5.355 min Scan# 315
Delta R.T. 0.007 min
Lab File: BN038122.D
Acq: 30 Oct 2025 10:49



Tgt Ion:112 Resp: 7548
Ion Ratio Lower Upper
112 100
64 55.8 45.4 68.0
63 29.9 23.2 34.8

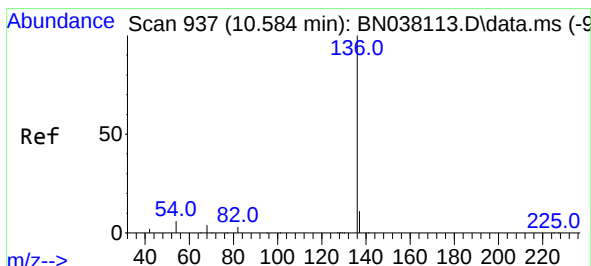
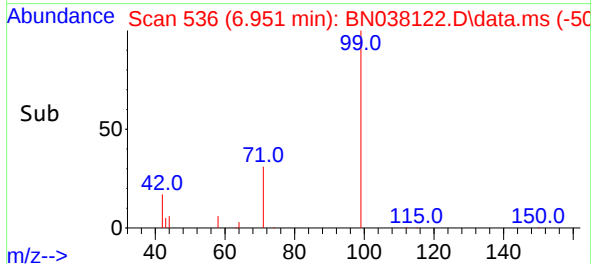
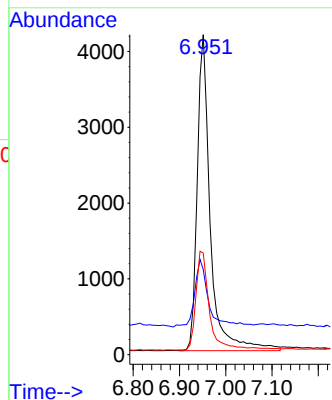
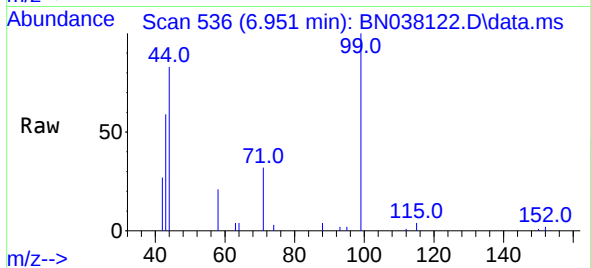




#5
Phenol-d6
Concen: 0.312 ng
RT: 6.951 min Scan# 51
Delta R.T. 0.014 min
Lab File: BN038122.D
Acq: 30 Oct 2025 10:49

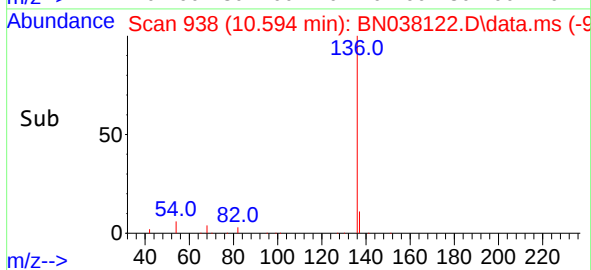
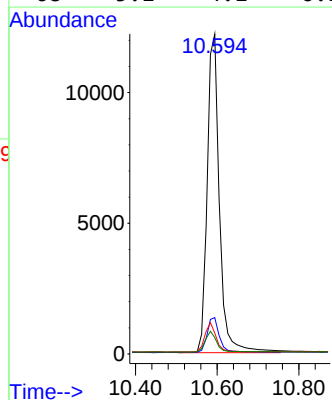
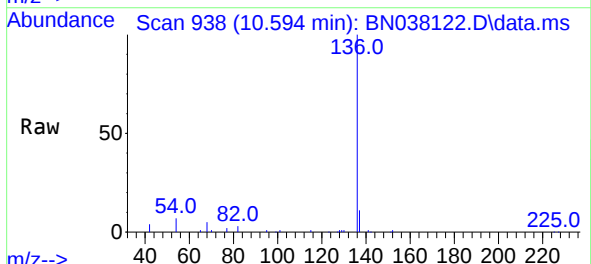
Instrument :
BNA_N
ClientSampleId :
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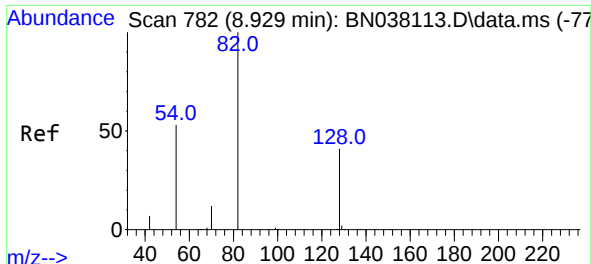
Tgt Ion: 99	Resp: 8193
Ion Ratio	Lower Upper
99 100	
42 22.9	16.6 24.8
71 33.2	25.4 38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 938
Delta R.T. 0.021 min
Lab File: BN038122.D
Acq: 30 Oct 2025 10:49

Tgt Ion: 136	Resp: 25373
Ion Ratio	Lower Upper
136 100	
137 11.3	9.0 13.4
54 6.6	5.2 7.8
68 5.1	4.1 6.1

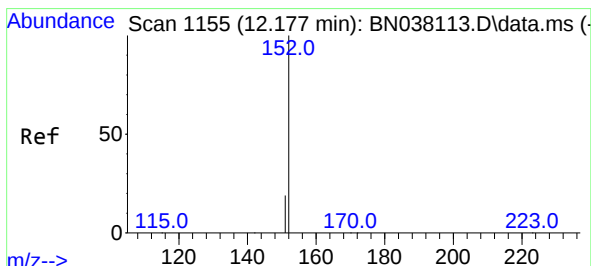
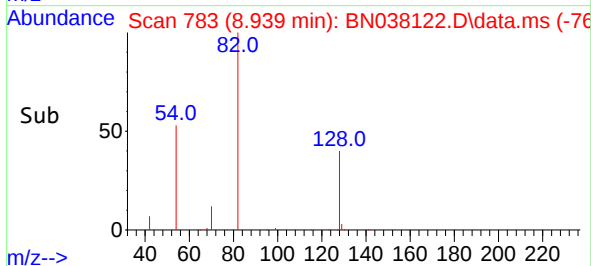
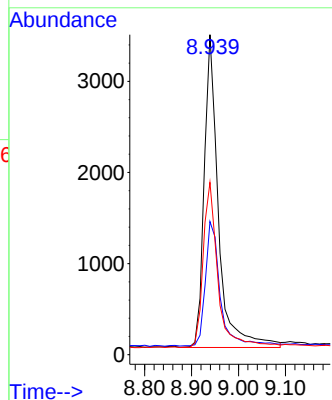
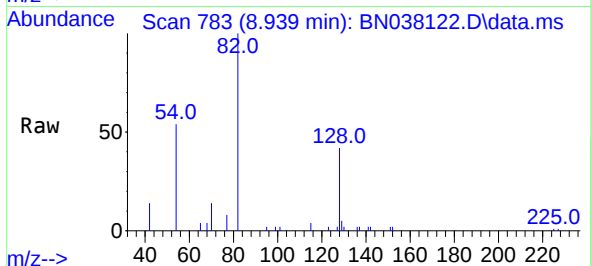




#8
Nitrobenzene-d5
Concen: 0.355 ng
RT: 8.939 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN038122.D
Acq: 30 Oct 2025 10:49

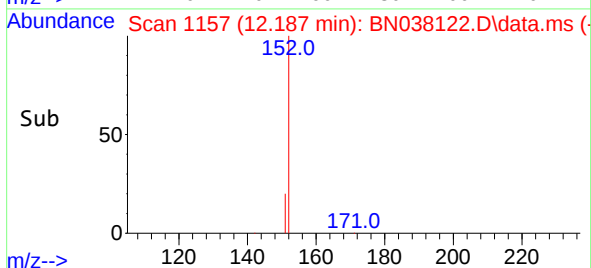
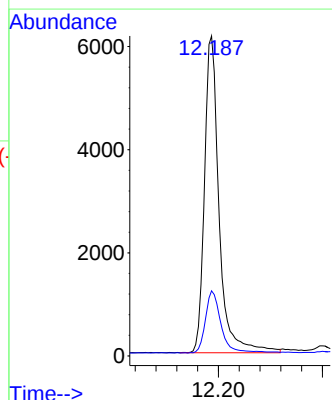
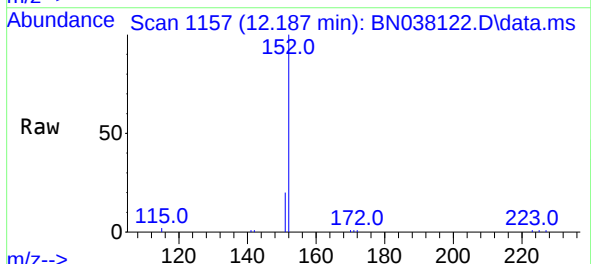
Instrument :
BNA_N
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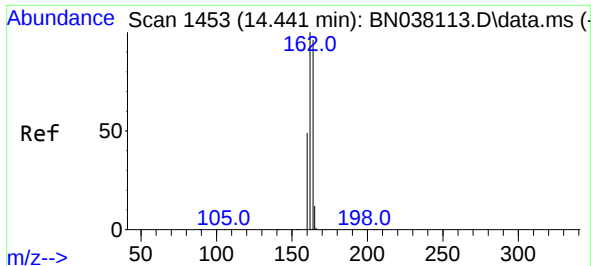
Tgt Ion: 82 Resp: 7267
Ion Ratio Lower Upper
82 100
128 41.6 34.1 51.1
54 53.9 43.5 65.3



#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 12.187 min Scan# 1157
Delta R.T. 0.010 min
Lab File: BN038122.D
Acq: 30 Oct 2025 10:49

Tgt Ion: 152 Resp: 11971
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2

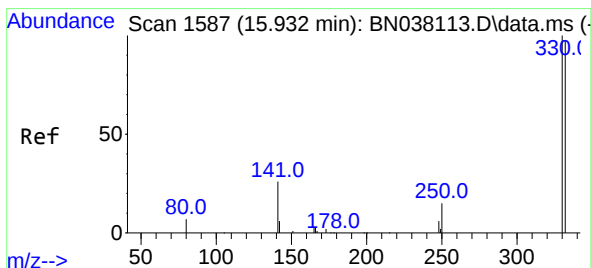
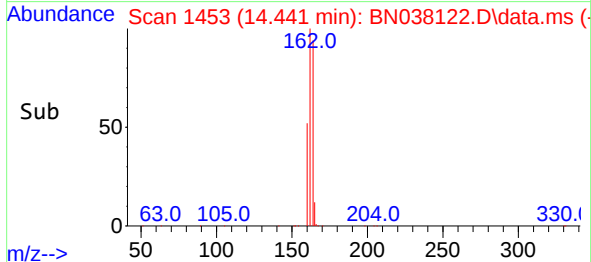
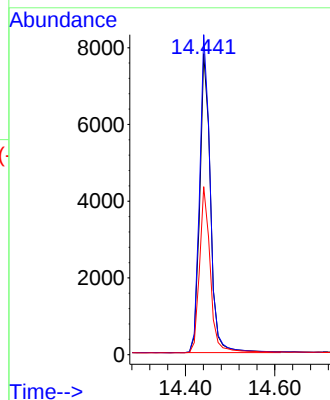
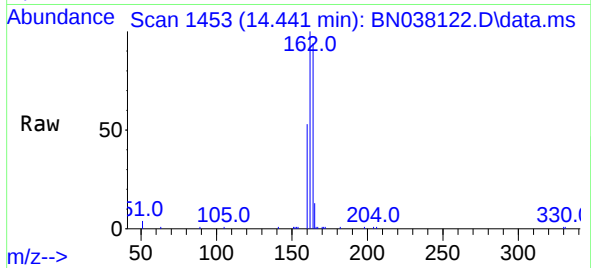




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.441 min Scan# 1453
Delta R.T. 0.011 min
Lab File: BN038122.D
Acq: 30 Oct 2025 10:49

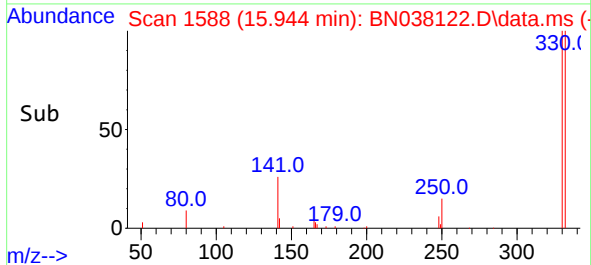
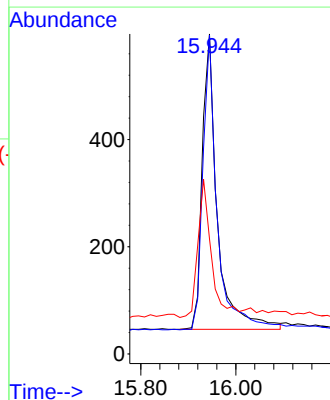
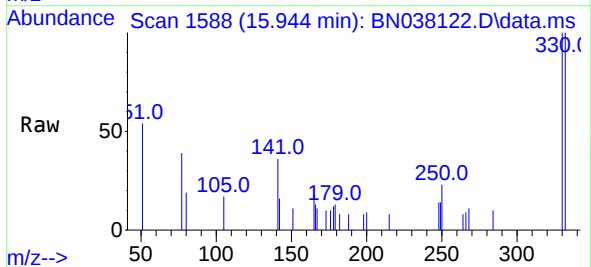
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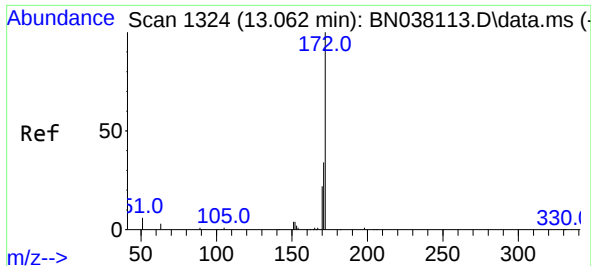
Tgt Ion:164 Resp: 13033
Ion Ratio Lower Upper
164 100
162 106.4 83.0 124.4
160 55.9 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.227 ng
RT: 15.944 min Scan# 1588
Delta R.T. 0.012 min
Lab File: BN038122.D
Acq: 30 Oct 2025 10:49

Tgt Ion:330 Resp: 1217
Ion Ratio Lower Upper
330 100
332 94.6 76.6 114.8
141 42.5 34.1 51.1

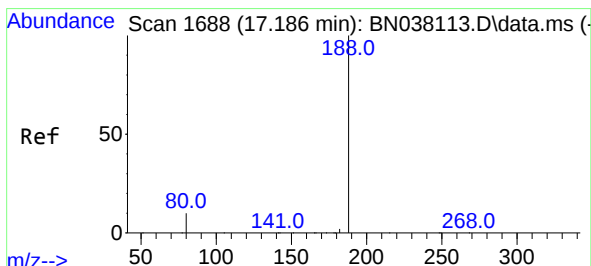
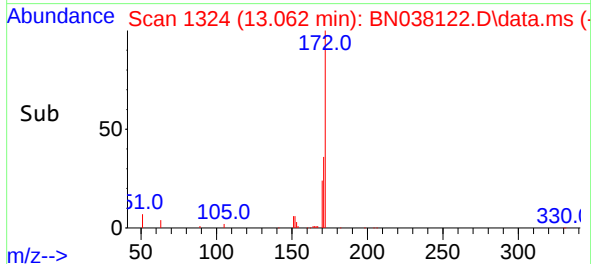
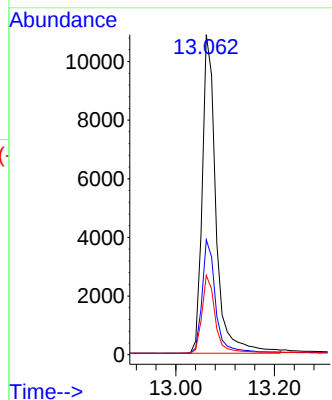
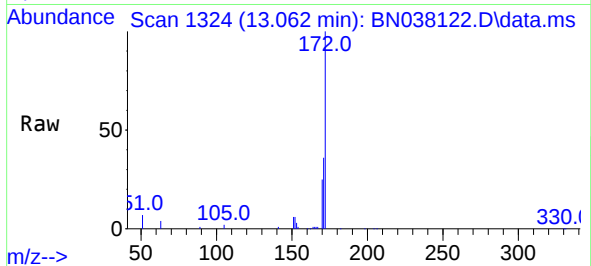




#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 13.062 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN038122.D
Acq: 30 Oct 2025 10:49

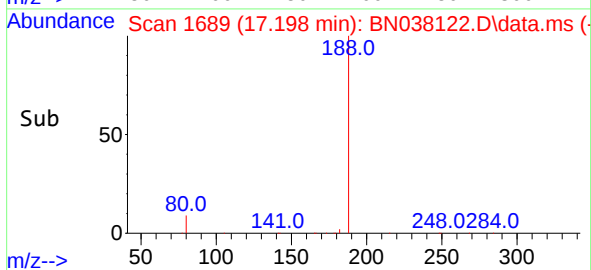
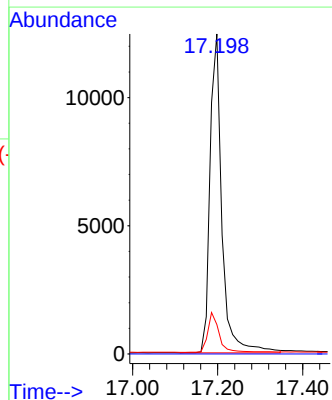
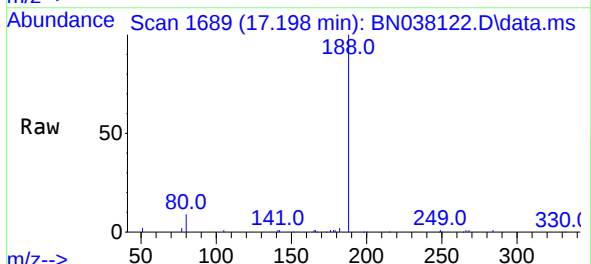
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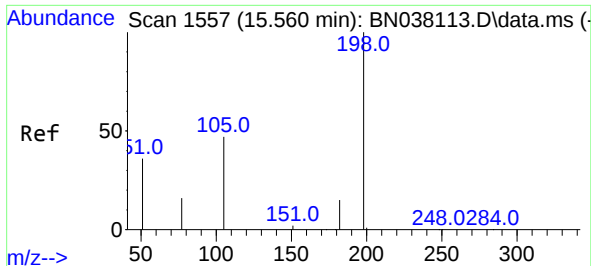
Tgt Ion:172 Resp: 21140
Ion Ratio Lower Upper
172 100
171 35.9 27.8 41.6
170 24.8 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 1689
Delta R.T. 0.012 min
Lab File: BN038122.D
Acq: 30 Oct 2025 10:49

Tgt Ion:188 Resp: 24037
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 8.6 13.0

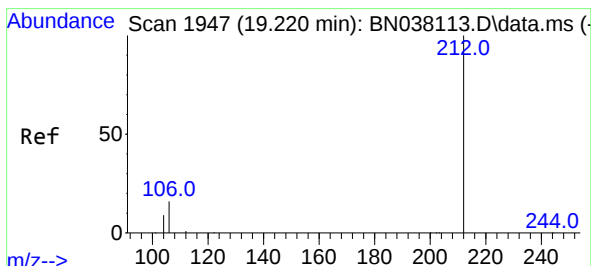
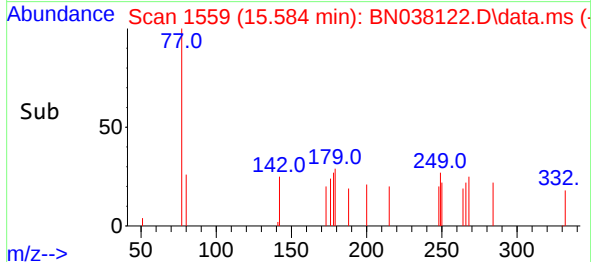
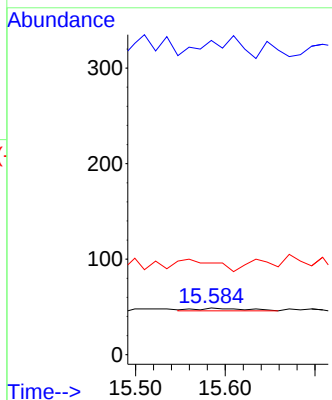
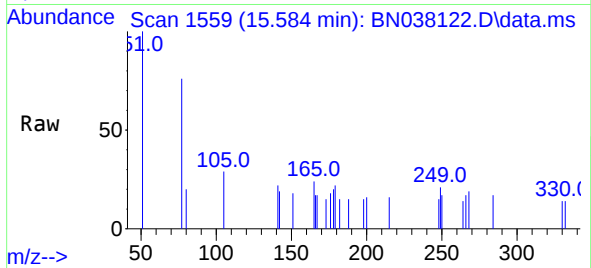




#20
4,6-Dinitro-2-methylphenol
Concen: 0.185 ng
RT: 15.584 min Scan# 11
Delta R.T. 0.024 min
Lab File: BN038122.D
Acq: 30 Oct 2025 10:49

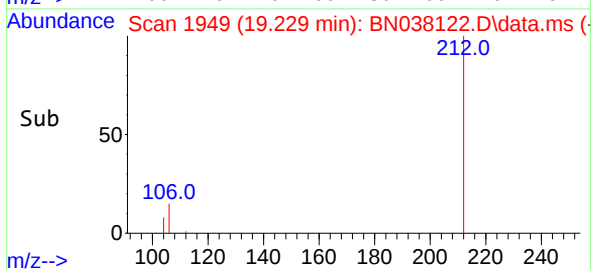
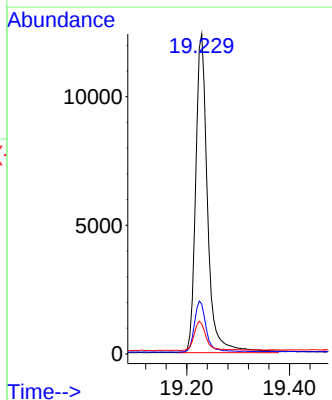
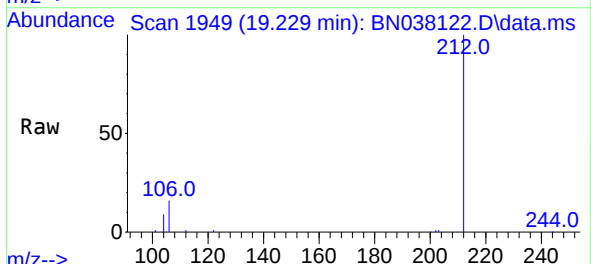
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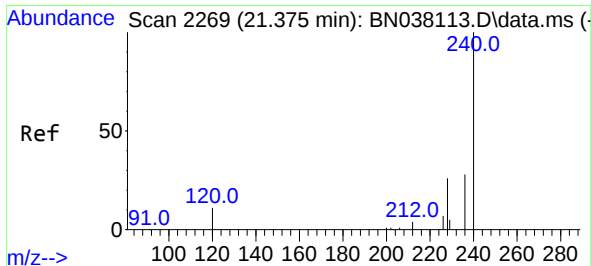
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 671.4 88.9 133.3#
105 195.9 49.2 73.8#



#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.229 min Scan# 1949
Delta R.T. 0.009 min
Lab File: BN038122.D
Acq: 30 Oct 2025 10:49

Tgt Ion:212 Resp: 19986
Ion Ratio Lower Upper
212 100
106 15.8 12.6 19.0
104 9.5 7.1 10.7

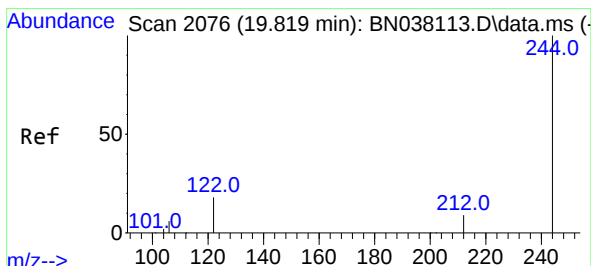
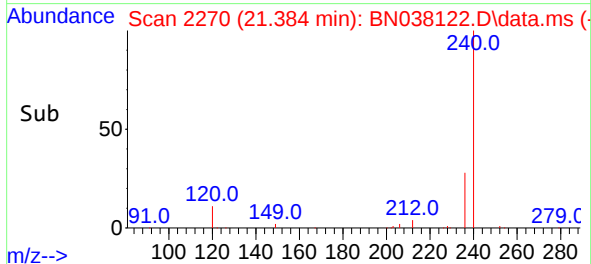
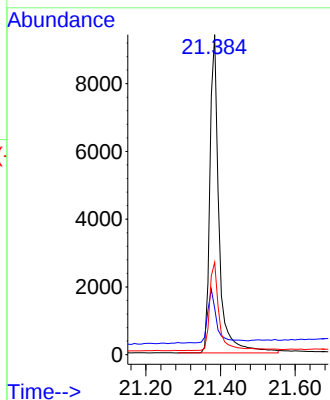
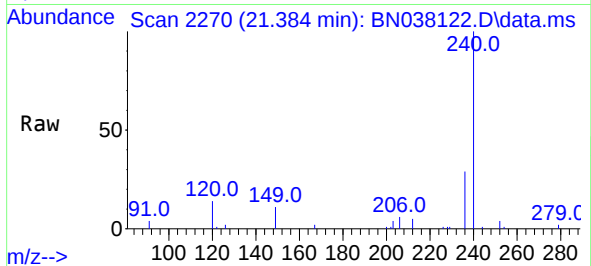




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN038122.D
Acq: 30 Oct 2025 10:49

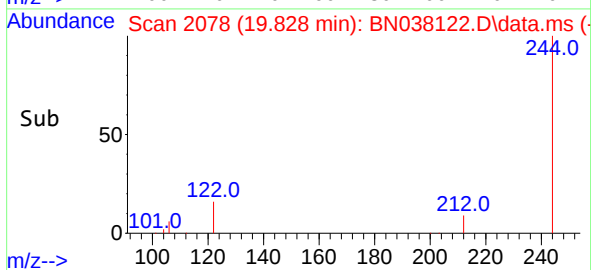
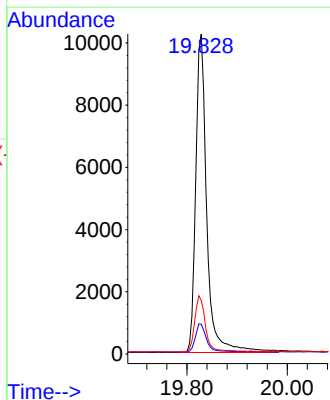
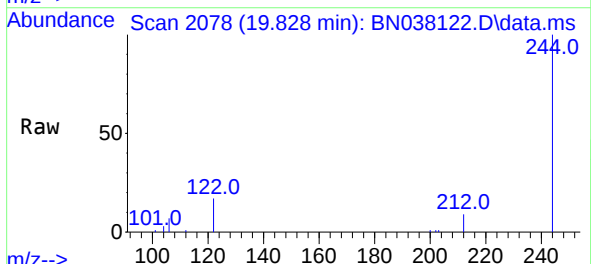
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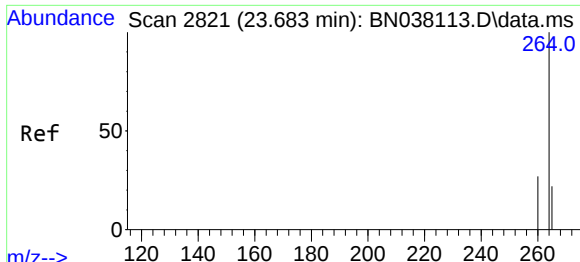
Tgt Ion:240 Resp: 15940
Ion Ratio Lower Upper
240 100
120 14.5 10.7 16.1
236 28.8 23.1 34.7



#31
Terphenyl-d14
Concen: 0.452 ng
RT: 19.828 min Scan# 2078
Delta R.T. 0.009 min
Lab File: BN038122.D
Acq: 30 Oct 2025 10:49

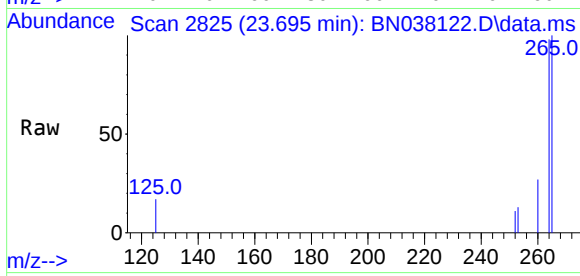
Tgt Ion:244 Resp: 15656
Ion Ratio Lower Upper
244 100
212 9.3 7.8 11.6
122 16.8 15.2 22.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.695 min Scan# 21
Delta R.T. 0.014 min
Lab File: BN038122.D
Acq: 30 Oct 2025 10:49

Instrument :
BNA_N
ClientSampleId :
PB170298BL



Tgt Ion:264 Resp: 14550

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.8	32.8
265	102.1	68.6	102.8

