

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121525\
 Data File : BN038417.D
 Acq On : 15 Dec 2025 23:52
 Operator : RC/JU
 Sample : PB170918BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170918BL

Quant Time: Dec 16 00:26:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	4701	0.400	ng	-0.01
7) Naphthalene-d8	10.519	136	12132	0.400	ng	-0.01
13) Acenaphthene-d10	14.387	164	5875	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	10129	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	8447	0.400	ng	0.00
35) Perylene-d12	23.616	264	9125	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	4132	0.353	ng	0.00
5) Phenol-d6	6.879	99	4488	0.322	ng	0.00
8) Nitrobenzene-d5	8.865	82	3678	0.359	ng	-0.01
11) 2-Methylnaphthalene-d10	12.116	152	5556	0.325	ng	-0.01
14) 2,4,6-Tribromophenol	15.895	330	609	0.234	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	11225	0.397	ng	0.00
27) Fluoranthene-d10	19.178	212	9093	0.363	ng	0.00
31) Terphenyl-d14	19.777	244	6981	0.370	ng	-0.01

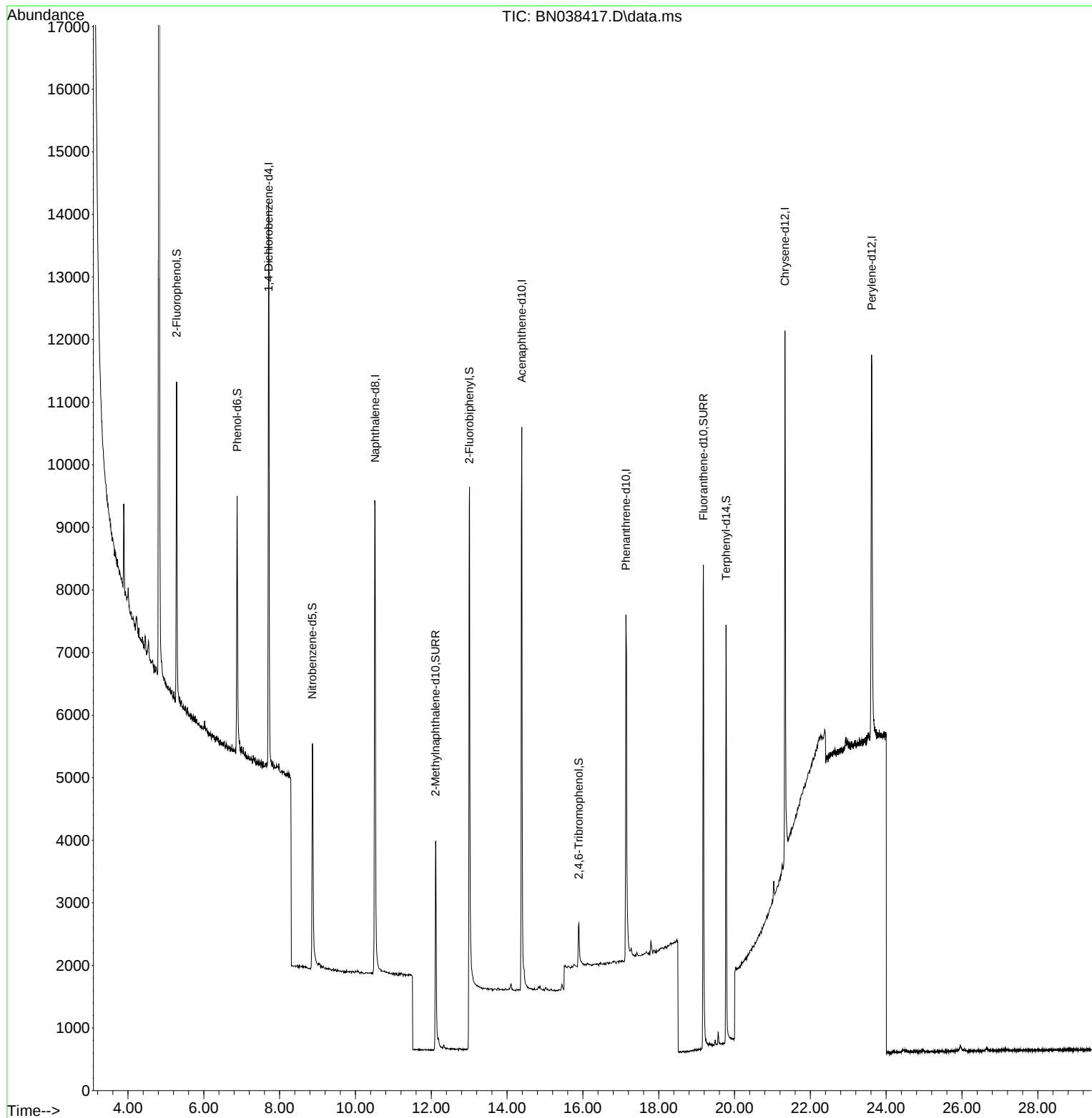
Target Compounds Qvalue

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

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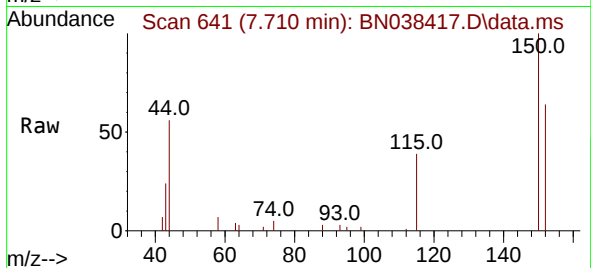
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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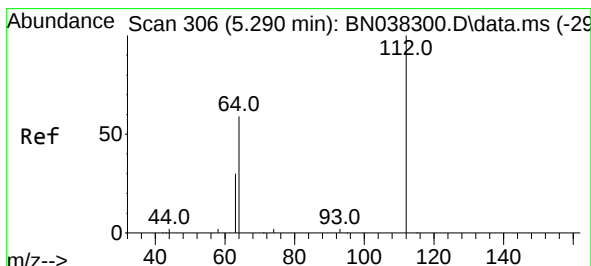
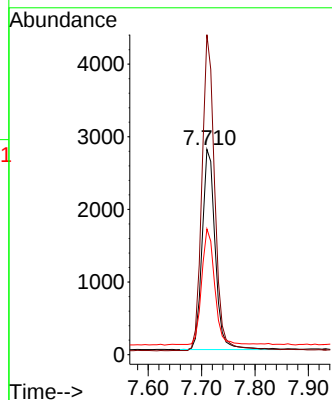
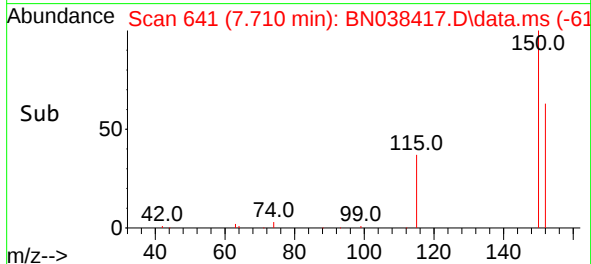


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 641
Delta R.T. -0.014 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52

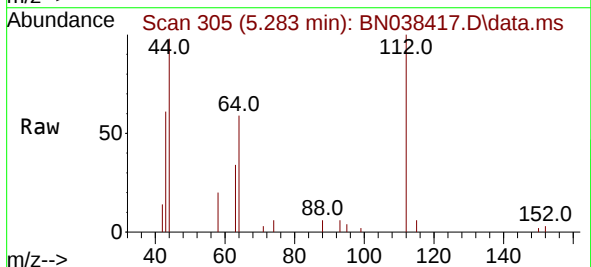
Instrument :
BNA_N
ClientSampleId :
PB170918BL



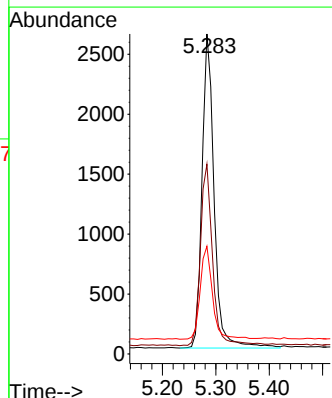
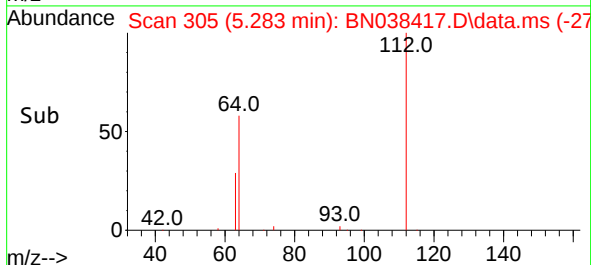
Tgt Ion:152 Resp: 4701
Ion Ratio Lower Upper
152 100
150 155.9 122.4 183.6
115 61.3 47.3 70.9

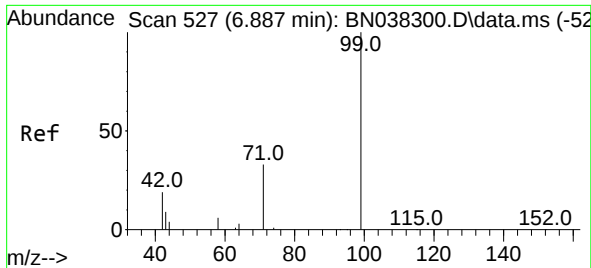


#4
2-Fluorophenol
Concen: 0.353 ng
RT: 5.283 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52



Tgt Ion:112 Resp: 4132
Ion Ratio Lower Upper
112 100
64 58.3 44.4 66.6
63 29.9 23.4 35.0

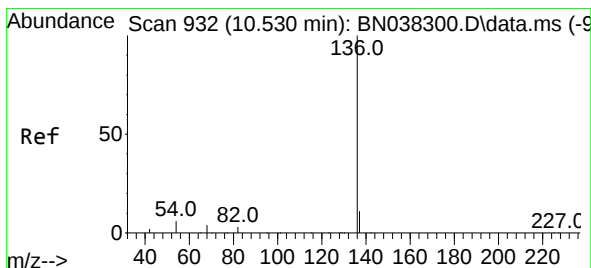
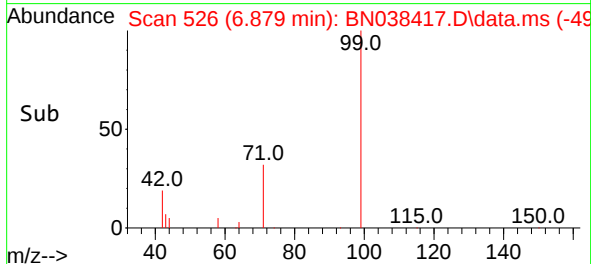
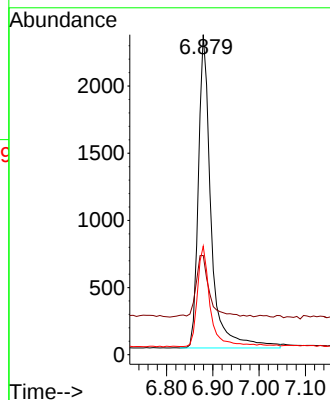
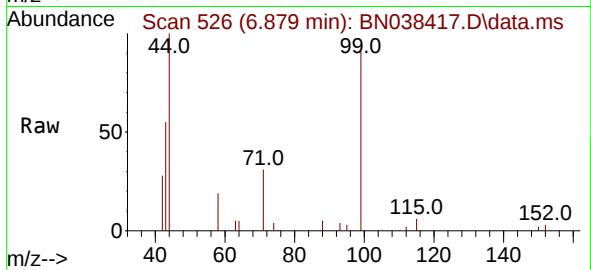




#5
Phenol-d6
Concen: 0.322 ng
RT: 6.879 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52

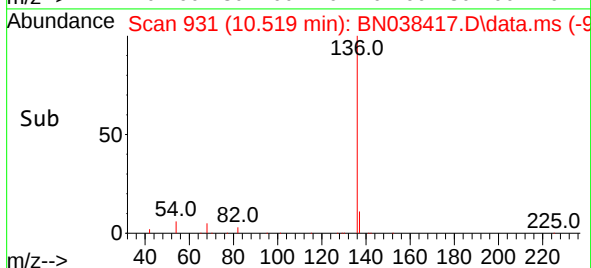
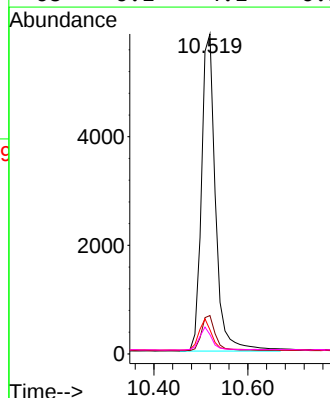
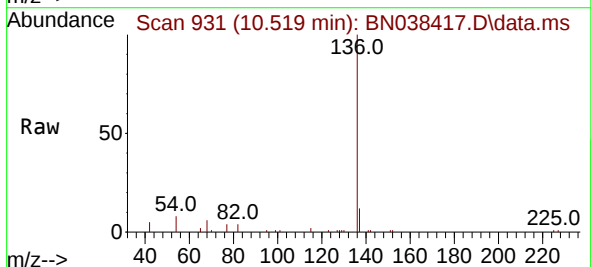
Instrument :
BNA_N
ClientSampleId :
PB170918BL

Tgt Ion: 99 Resp: 4488
Ion Ratio Lower Upper
99 100
42 20.9 16.5 24.7
71 32.1 24.9 37.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52

Tgt Ion: 136 Resp: 12132
Ion Ratio Lower Upper
136 100
137 12.0 9.1 13.7
54 7.6 5.2 7.8
68 6.1 4.1 6.1

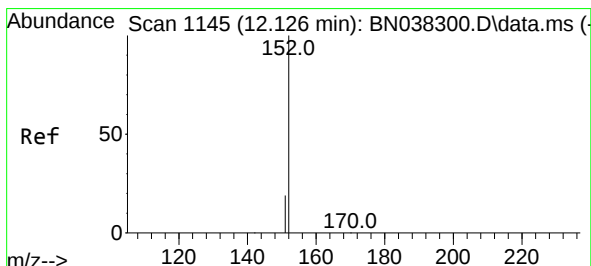
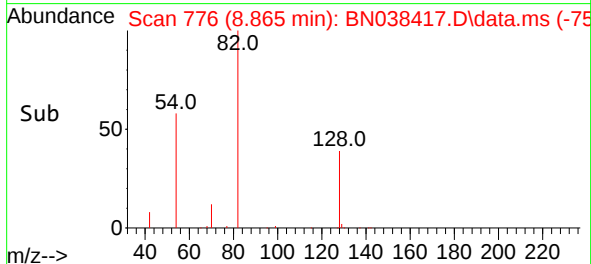
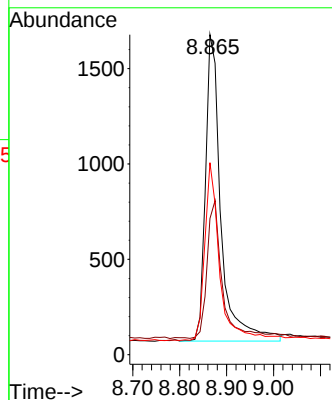
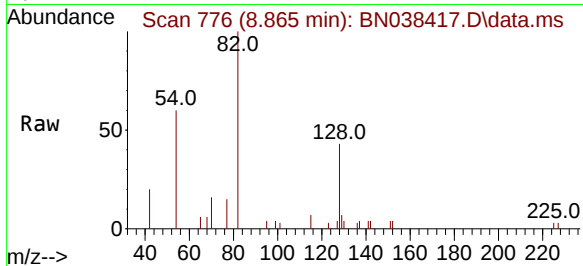




#8
 Nitrobenzene-d5
 Concen: 0.359 ng
 RT: 8.865 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN038417.D
 Acq: 15 Dec 2025 23:52

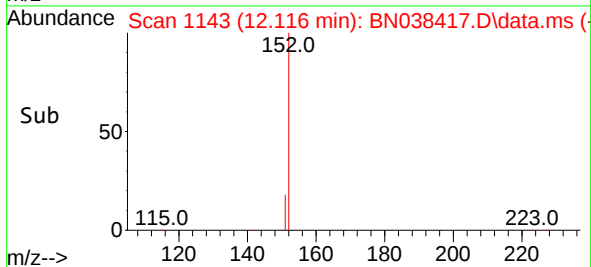
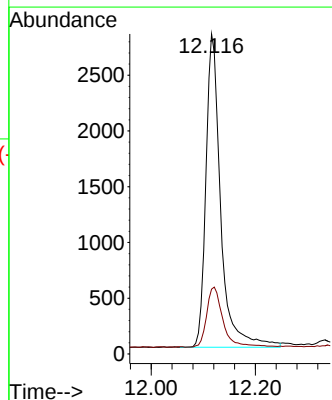
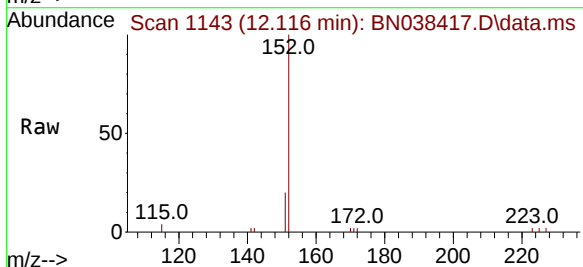
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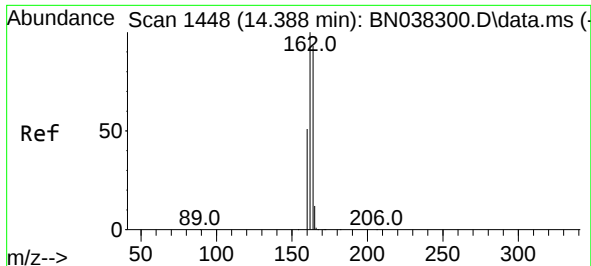
Tgt Ion: 82 Resp: 3678
 Ion Ratio Lower Upper
 82 100
 128 42.6 34.0 51.0
 54 60.0 44.4 66.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.325 ng
 RT: 12.116 min Scan# 1143
 Delta R.T. -0.010 min
 Lab File: BN038417.D
 Acq: 15 Dec 2025 23:52

Tgt Ion: 152 Resp: 5556
 Ion Ratio Lower Upper
 152 100
 151 21.5 17.0 25.6

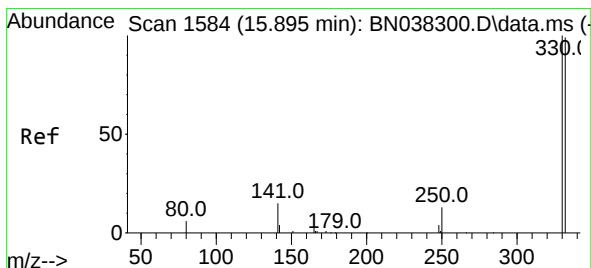
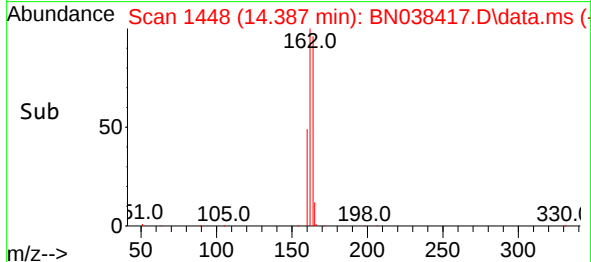
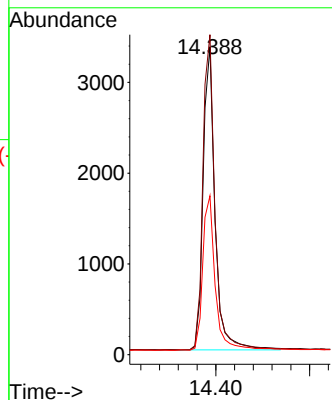
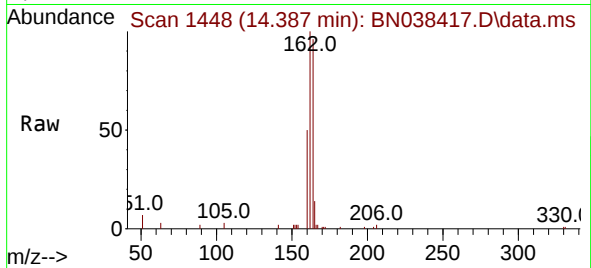




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52

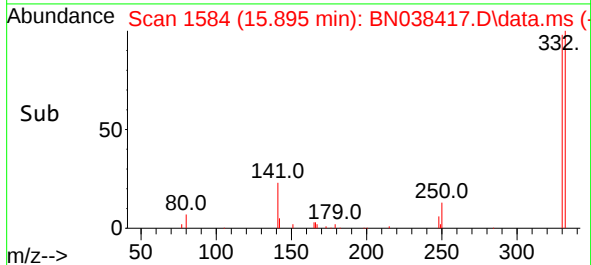
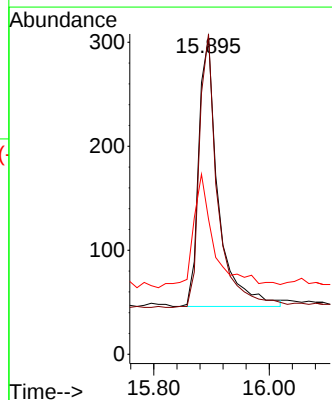
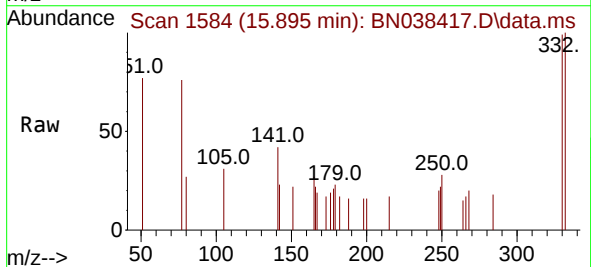
Instrument :
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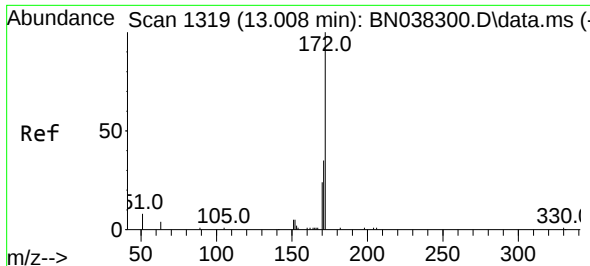
Tgt Ion:164 Resp: 5875
Ion Ratio Lower Upper
164 100
162 103.9 86.2 129.4
160 51.6 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.234 ng
RT: 15.895 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52

Tgt Ion:330 Resp: 609
Ion Ratio Lower Upper
330 100
332 96.6 75.8 113.6
141 46.0 31.8 47.8

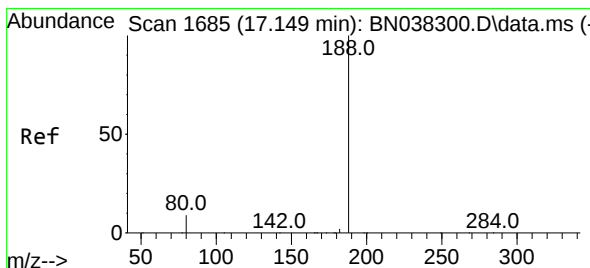
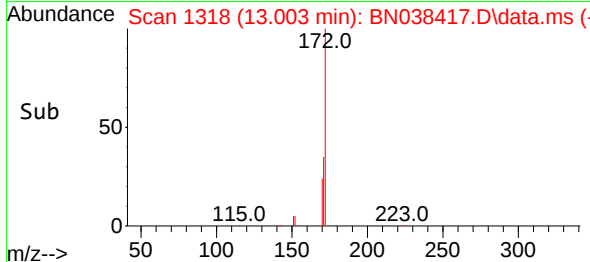
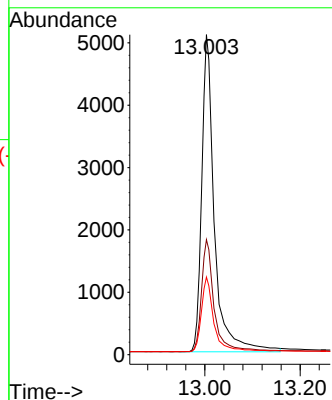
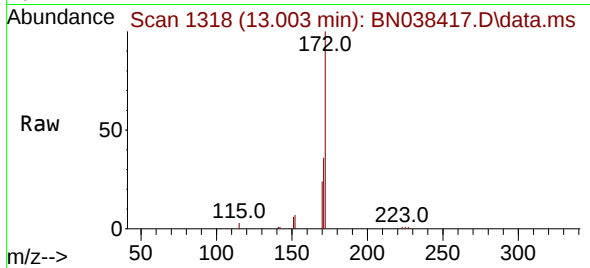




#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 13.003 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52

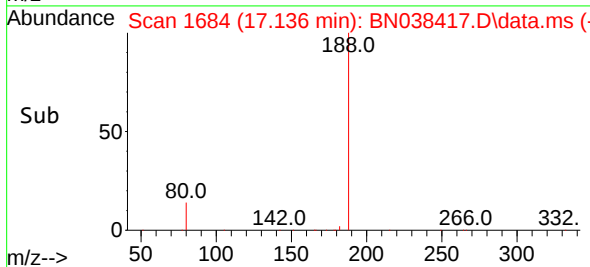
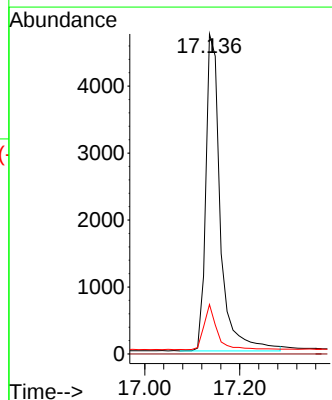
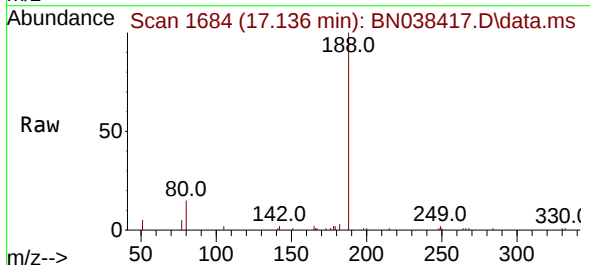
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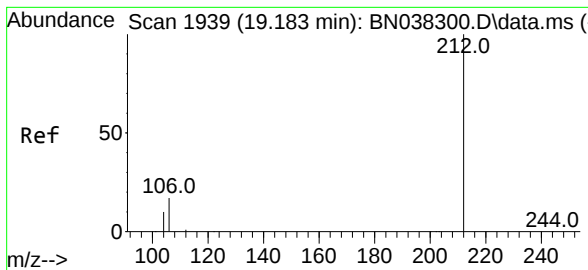
Tgt Ion:172 Resp: 11225
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 24.2 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52

Tgt Ion:188 Resp: 10129
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.4 7.4 11.0#

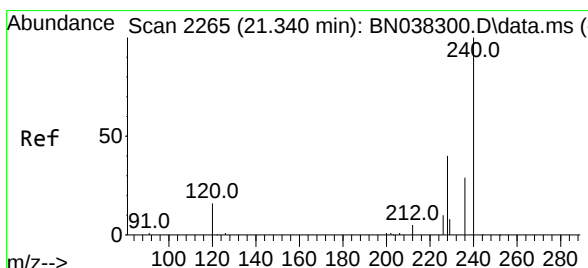
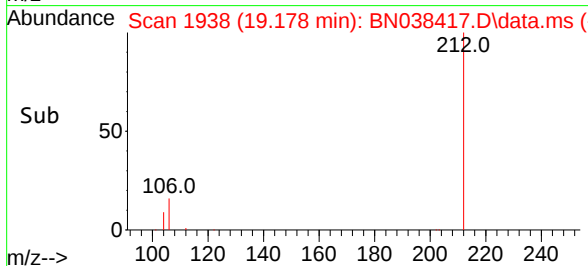
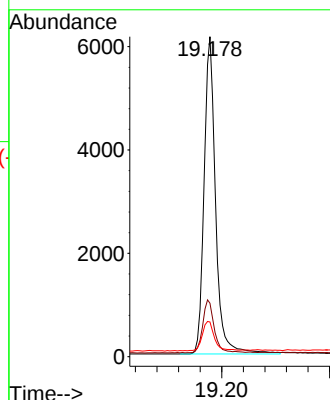
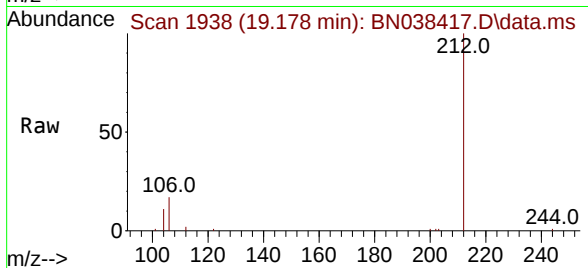




#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.178 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52

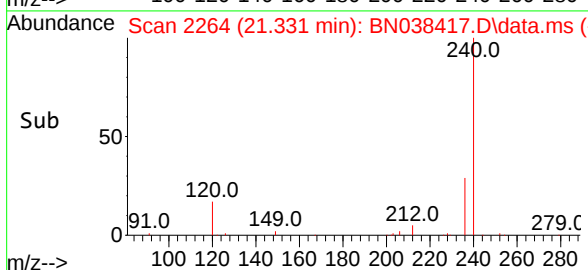
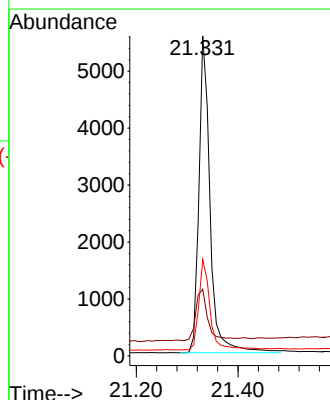
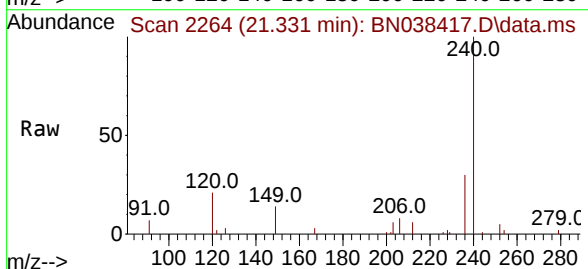
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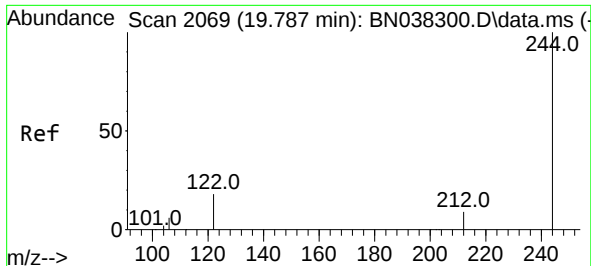
Tgt Ion:212 Resp: 9093
Ion Ratio Lower Upper
212 100
106 16.6 13.7 20.5
104 9.8 7.8 11.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. -0.009 min
Lab File: BN038417.D
Acq: 15 Dec 2025 23:52

Tgt Ion:240 Resp: 8447
Ion Ratio Lower Upper
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120 20.8 15.4 23.2
236 30.2 23.9 35.9

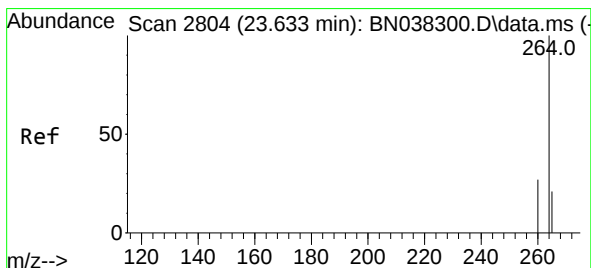
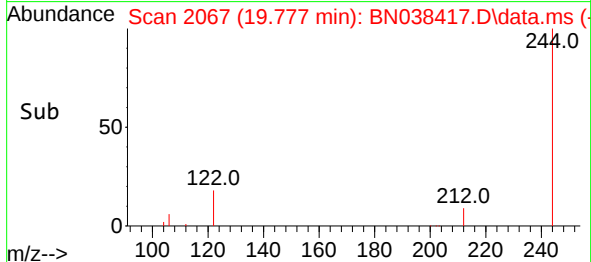
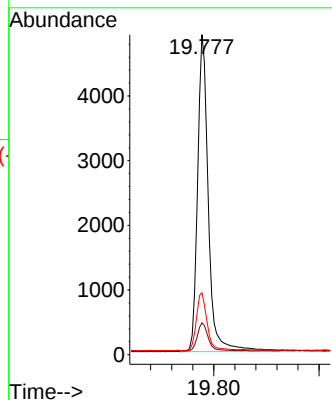
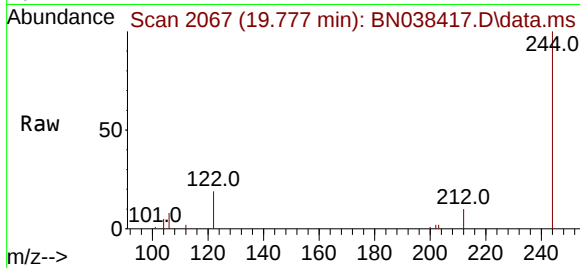




#31
 Terphenyl-d14
 Concen: 0.370 ng
 RT: 19.777 min Scan# 2069
 Delta R.T. -0.014 min
 Lab File: BN038417.D
 Acq: 15 Dec 2025 23:52

Instrument :
 BNA_N
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Tgt Ion:244 Resp: 6981
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.9 11.9
 122 19.4 15.0 22.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.616 min Scan# 2798
 Delta R.T. -0.018 min
 Lab File: BN038417.D
 Acq: 15 Dec 2025 23:52

Tgt Ion:264 Resp: 9125
 Ion Ratio Lower Upper
 264 100
 260 28.3 22.2 33.2
 265 104.8 80.2 120.2

