

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
 Data File : BN038167.D
 Acq On : 07 Nov 2025 23:31
 Operator : RC/JU
 Sample : Q3534-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB-1

Quant Time: Nov 08 03:28:16 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)

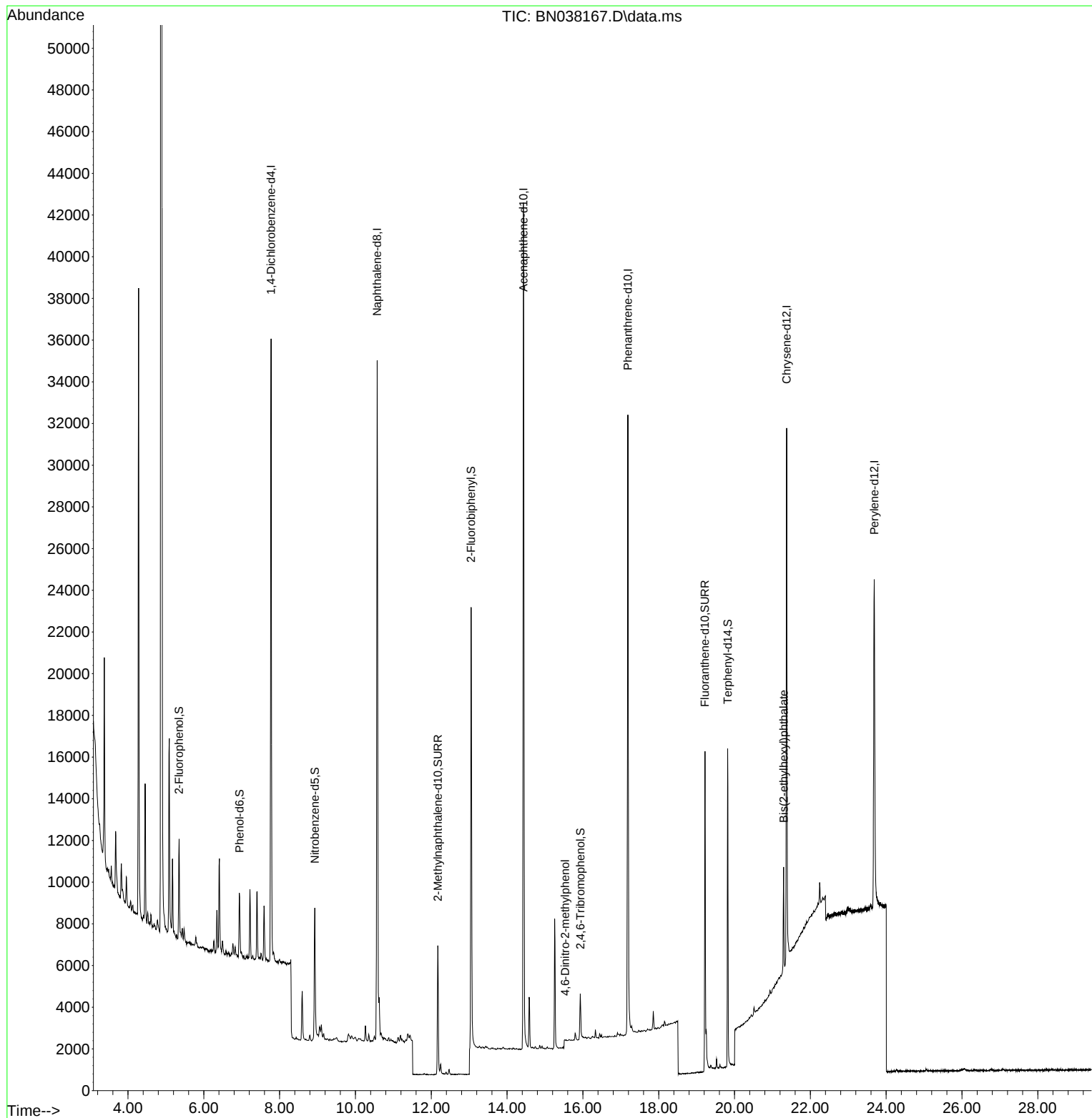
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	14967	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	45140	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	24883	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	41414	0.400	ng	0.00
29) Chrysene-d12	21.375	240	24824	0.400	ng	0.00
35) Perylene-d12	23.686	264	24058	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3720	0.106	ng	0.00
5) Phenol-d6	6.944	99	3198	0.074	ng	0.00
8) Nitrobenzene-d5	8.928	82	5752	0.158	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	9148	0.142	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1408	0.137	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	19428	0.195	ng	0.00
27) Fluoranthene-d10	19.220	212	17300	0.166	ng	0.00
31) Terphenyl-d14	19.819	244	15101	0.280	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.535	198	7	0.184	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.295	149	4898	0.105	ng	96

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

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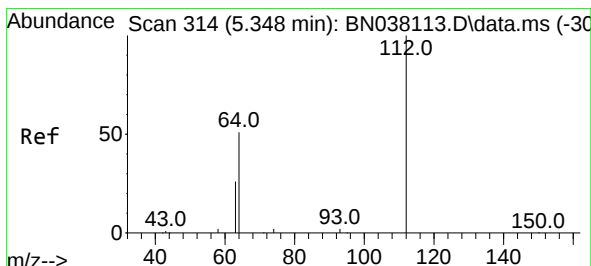
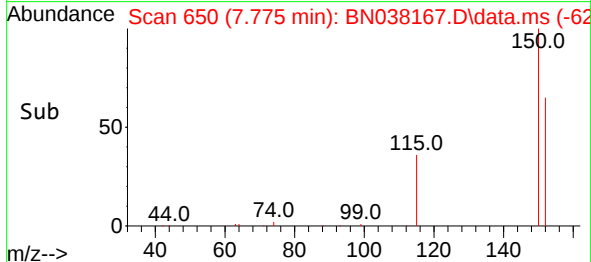
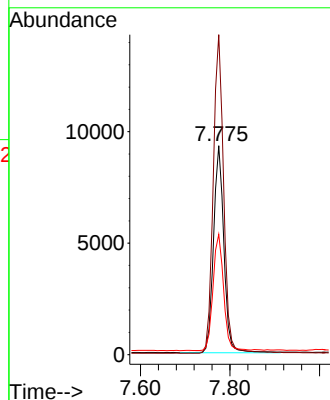
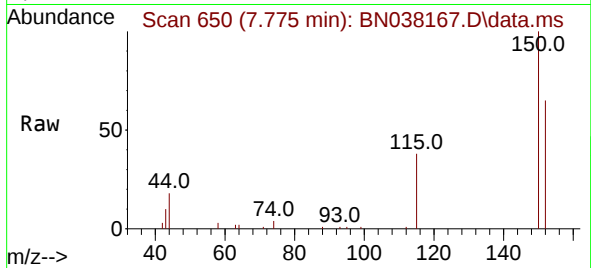




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

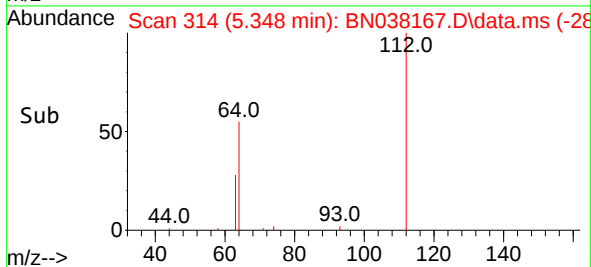
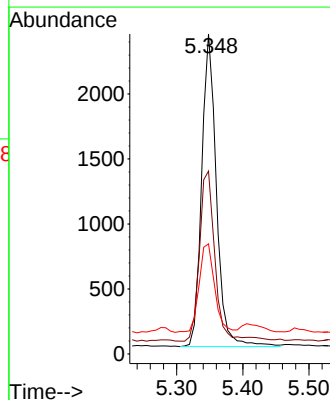
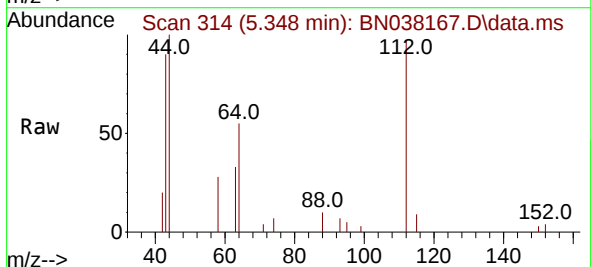
Instrument :
BNA_N
ClientSampleId :
FB-1

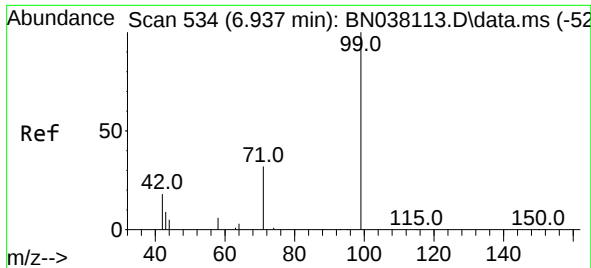
Tgt Ion:152 Resp: 14967
Ion Ratio Lower Upper
152 100
150 153.1 122.3 183.5
115 57.5 47.4 71.0



#4
2-Fluorophenol
Concen: 0.106 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Tgt Ion:112 Resp: 3720
Ion Ratio Lower Upper
112 100
64 57.8 45.4 68.0
63 30.4 23.2 34.8

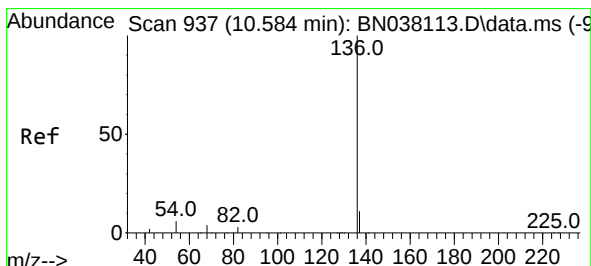
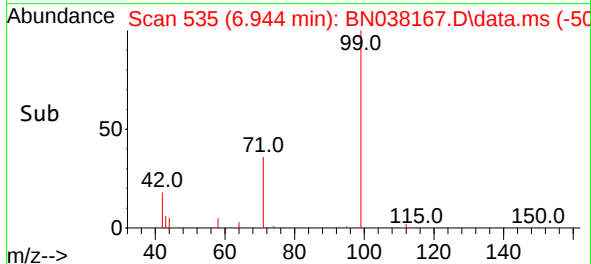
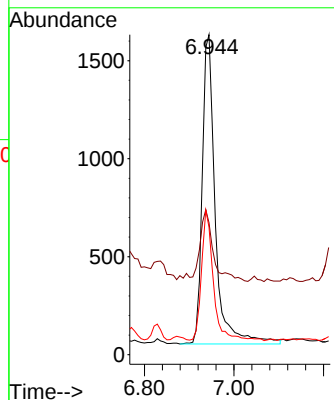
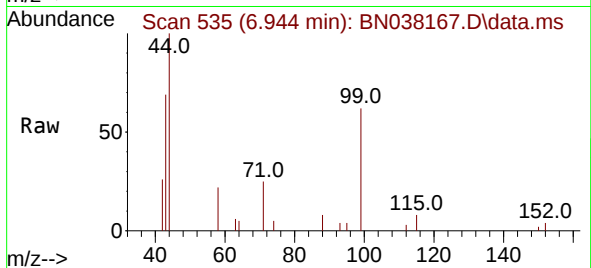




#5
Phenol-d6
Concen: 0.074 ng
RT: 6.944 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

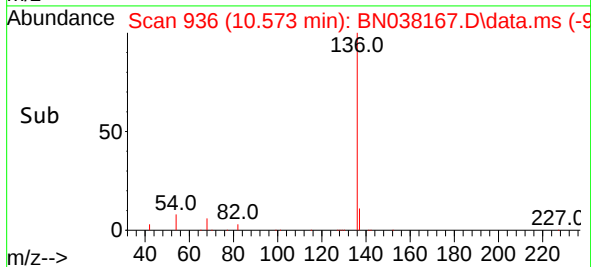
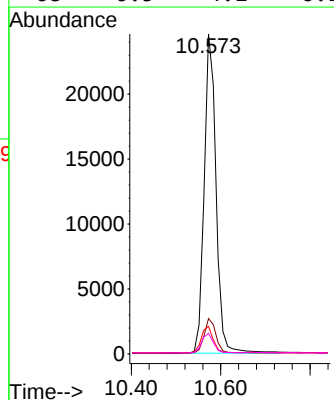
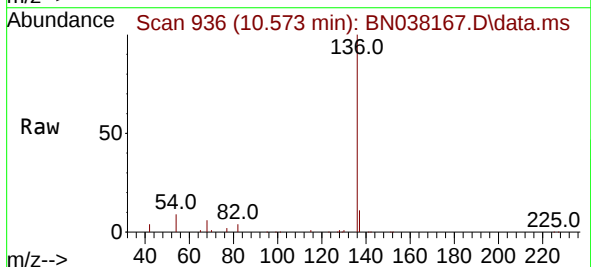
Instrument :
BNA_N
ClientSampleId :
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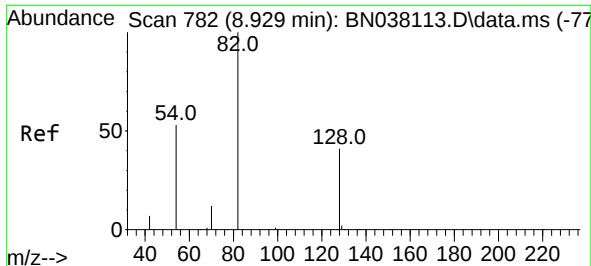
Tgt Ion: 99 Resp: 3198
Ion Ratio Lower Upper
99 100
42 24.9 16.6 24.8#
71 38.4 25.4 38.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Tgt Ion:136 Resp: 45140
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.7 5.2 7.8#
68 6.5 4.1 6.1#

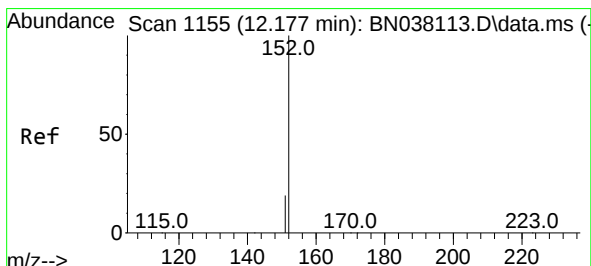
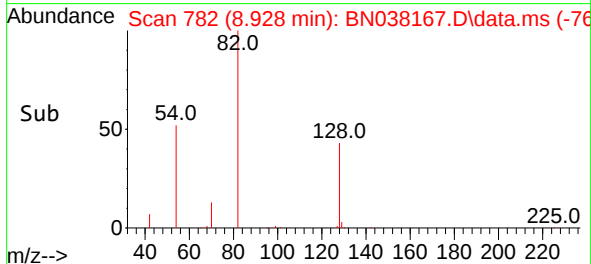
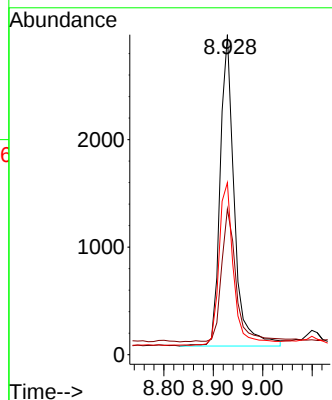
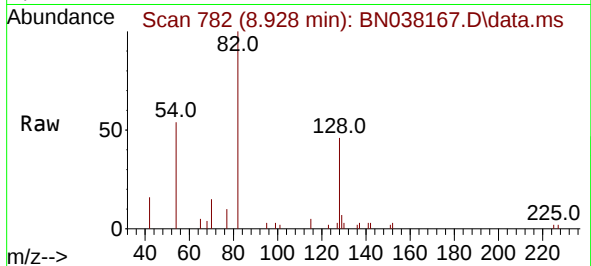




#8
 Nitrobenzene-d5
 Concen: 0.158 ng
 RT: 8.928 min Scan# 782
 Delta R.T. -0.000 min
 Lab File: BN038167.D
 Acq: 07 Nov 2025 23:31

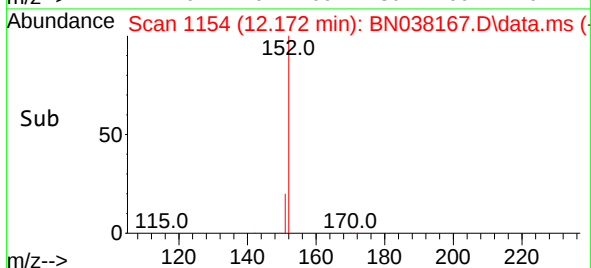
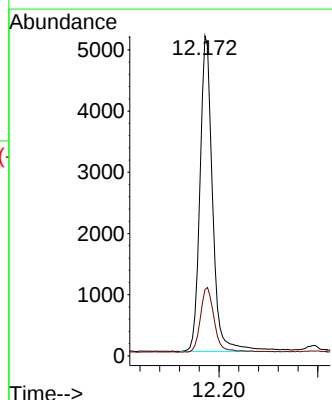
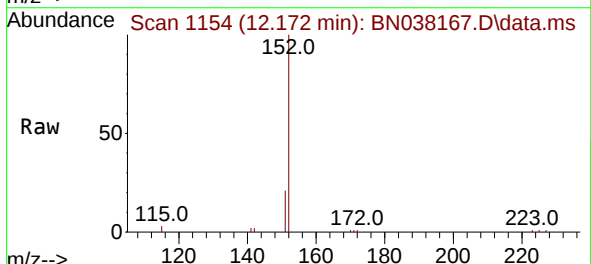
Instrument :
 BNA_N
 ClientSampleId :
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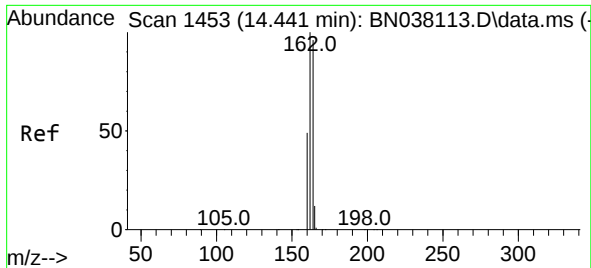
Tgt Ion: 82 Resp: 5752
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.1 51.1
 54 53.7 43.5 65.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.142 ng
 RT: 12.172 min Scan# 1154
 Delta R.T. -0.005 min
 Lab File: BN038167.D
 Acq: 07 Nov 2025 23:31

Tgt Ion: 152 Resp: 9148
 Ion Ratio Lower Upper
 152 100
 151 22.6 16.8 25.2

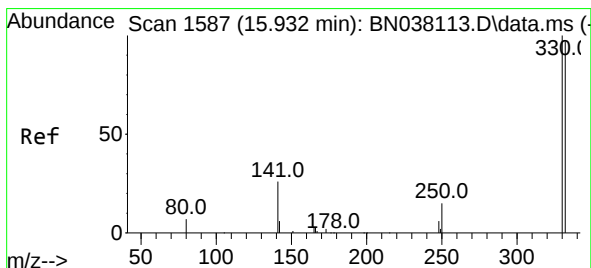
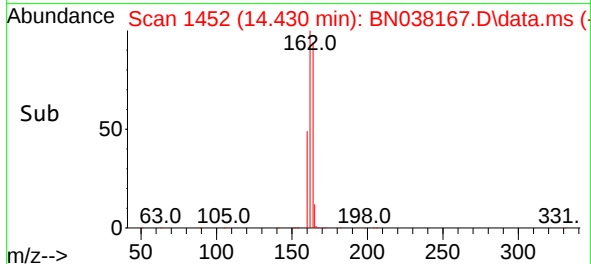
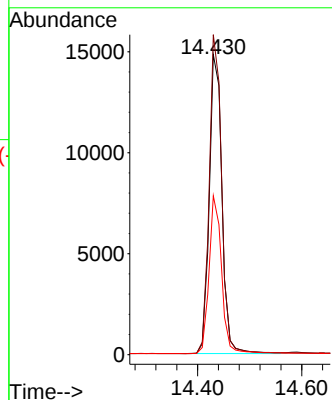
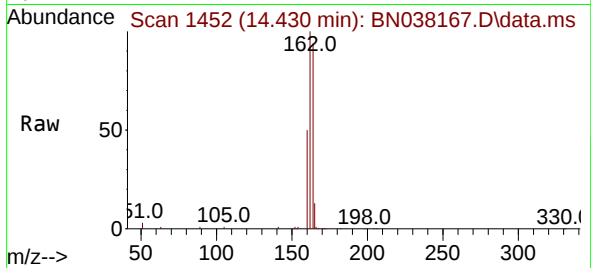




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.430 min Scan# 1453
 Delta R.T. -0.000 min
 Lab File: BN038167.D
 Acq: 07 Nov 2025 23:31

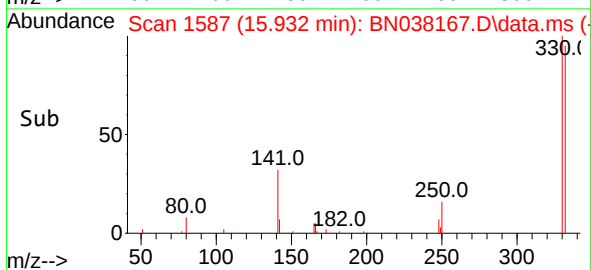
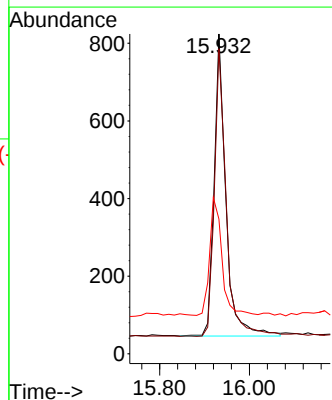
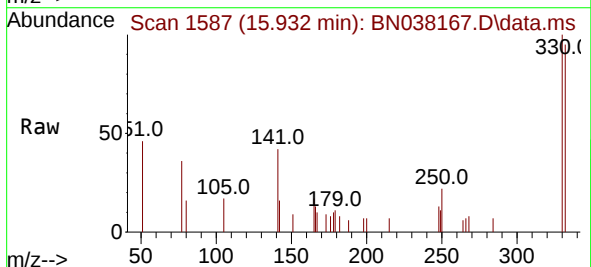
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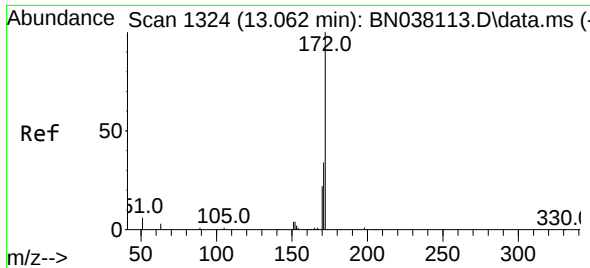
Tgt Ion:164 Resp: 24883
 Ion Ratio Lower Upper
 164 100
 162 106.7 83.0 124.4
 160 53.0 40.7 61.1



#14
 2,4,6-Tribromophenol
 Concen: 0.137 ng
 RT: 15.932 min Scan# 1587
 Delta R.T. -0.000 min
 Lab File: BN038167.D
 Acq: 07 Nov 2025 23:31

Tgt Ion:330 Resp: 1408
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 41.1 34.1 51.1

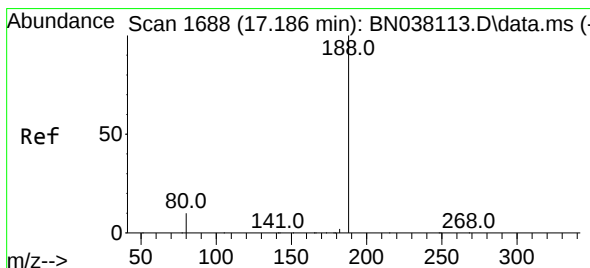
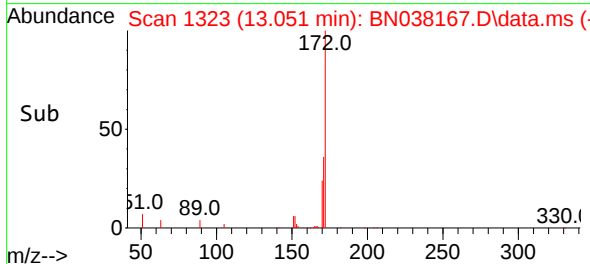
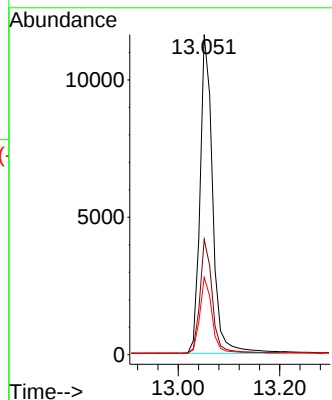
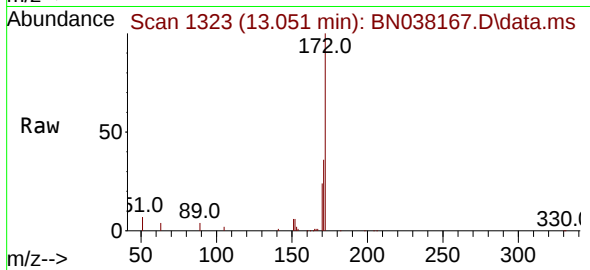




#15
2-Fluorobiphenyl
Concen: 0.195 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

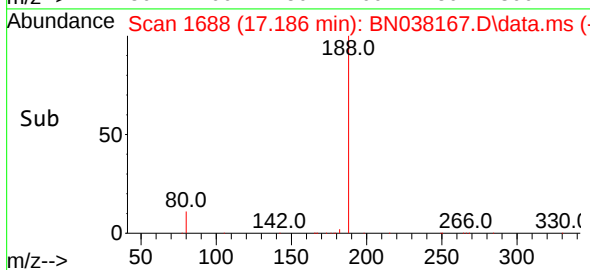
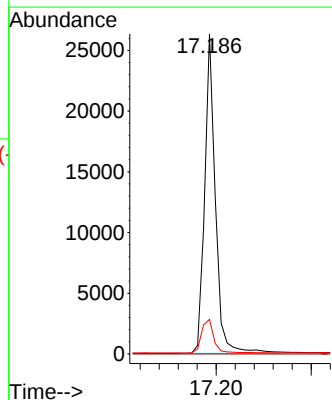
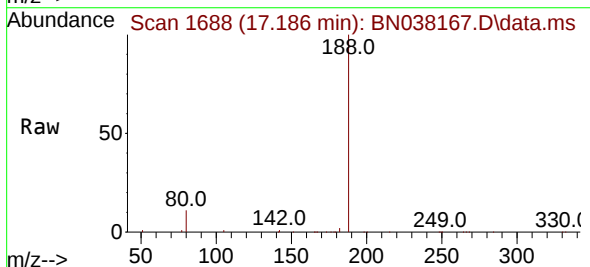
Instrument :
BNA_N
ClientSampleId :
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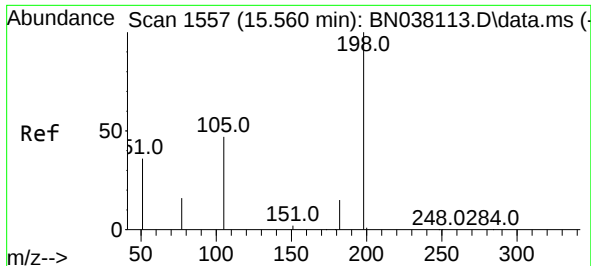
Tgt Ion:172 Resp: 19428
Ion Ratio Lower Upper
172 100
171 36.0 27.8 41.6
170 24.1 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Tgt Ion:188 Resp: 41414
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 8.6 13.0

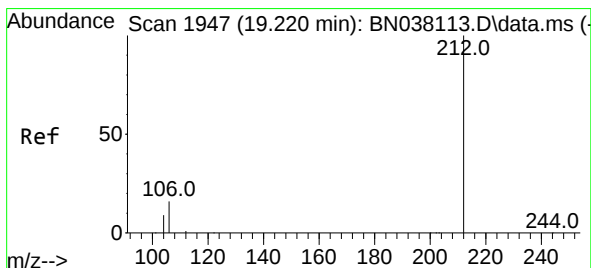
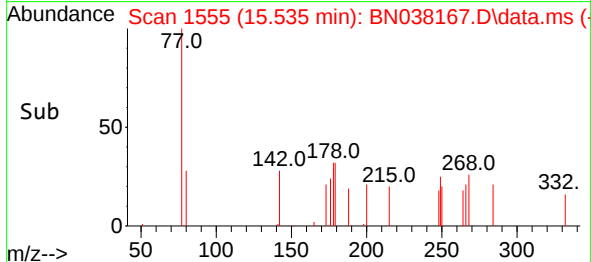
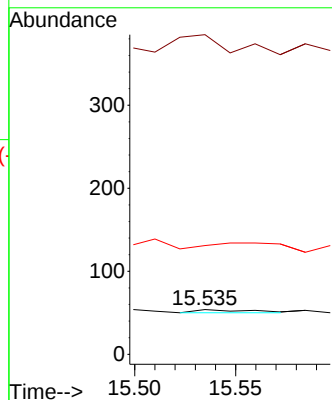
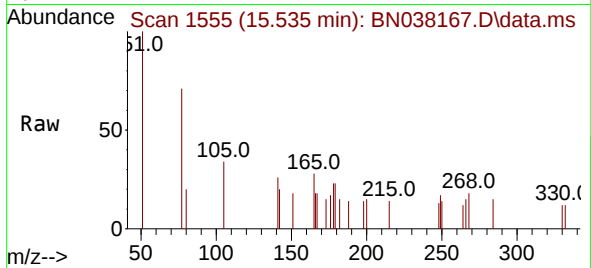




#20
4,6-Dinitro-2-methylphenol
Concen: 0.184 ng
RT: 15.535 min Scan# 1555
Delta R.T. -0.025 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

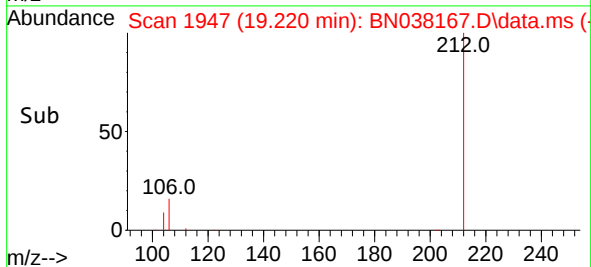
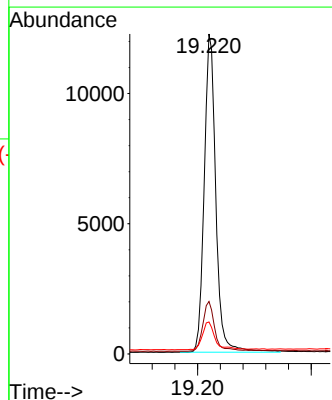
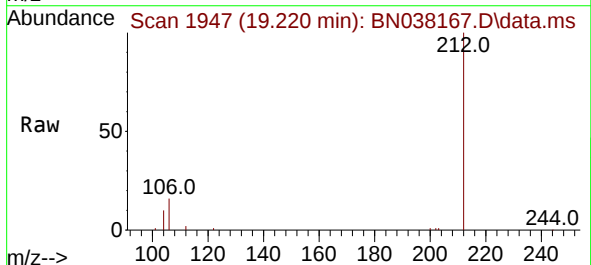
Instrument :
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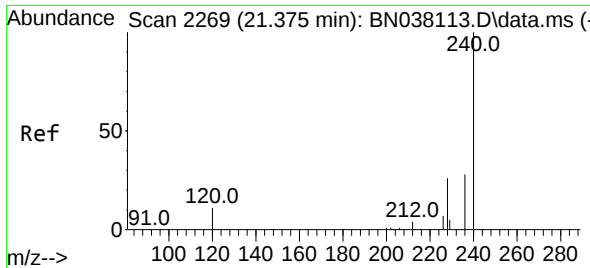
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 713.0 88.9 133.3#
105 242.6 49.2 73.8#



#27
Fluoranthene-d10
Concen: 0.166 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Tgt Ion:212 Resp: 17300
Ion Ratio Lower Upper
212 100
106 16.8 12.6 19.0
104 9.5 7.1 10.7

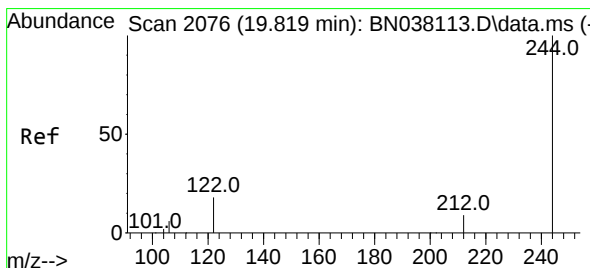
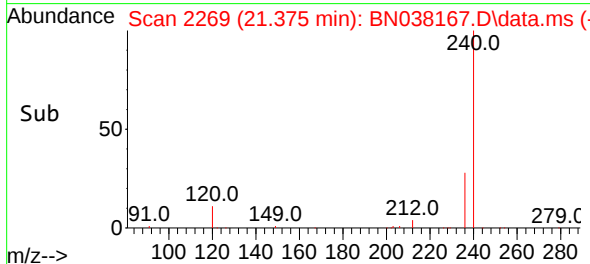
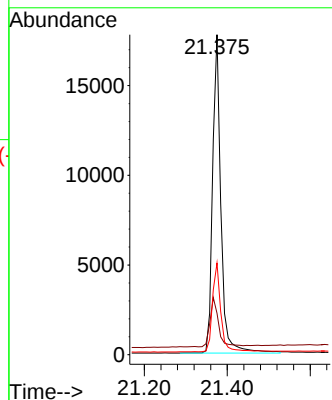
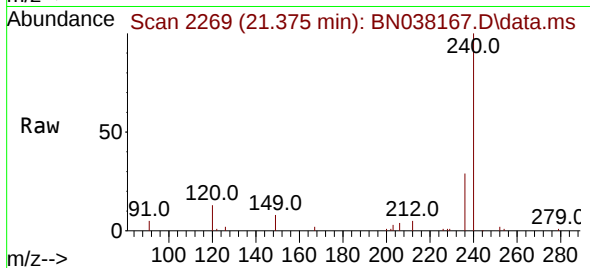




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

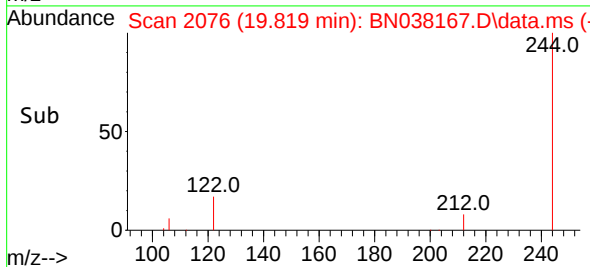
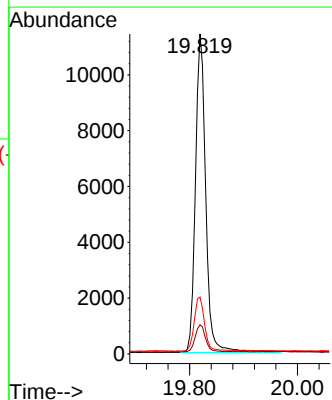
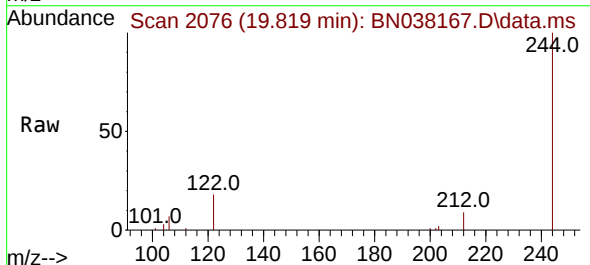
Instrument :
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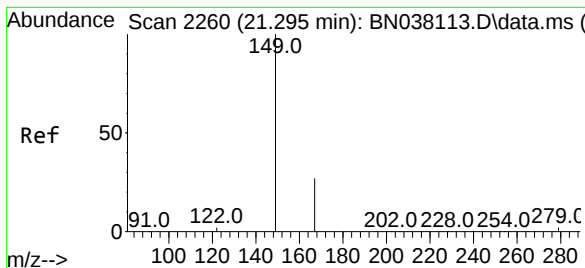
Tgt Ion:240 Resp: 24824
Ion Ratio Lower Upper
240 100
120 13.0 10.7 16.1
236 28.6 23.1 34.7



#31
Terphenyl-d14
Concen: 0.280 ng
RT: 19.819 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN038167.D
Acq: 07 Nov 2025 23:31

Tgt Ion:244 Resp: 15101
Ion Ratio Lower Upper
244 100
212 9.1 7.8 11.6
122 17.8 15.2 22.8

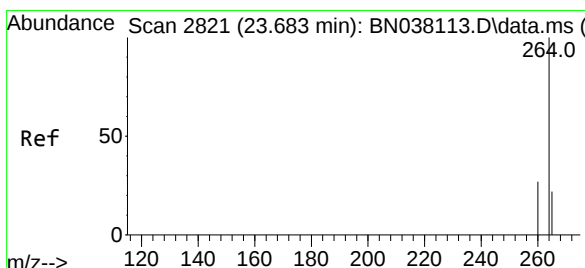
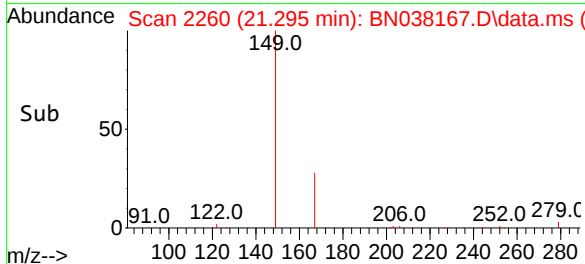
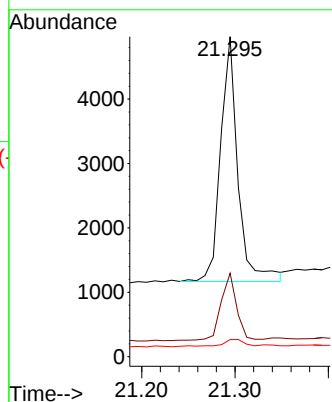
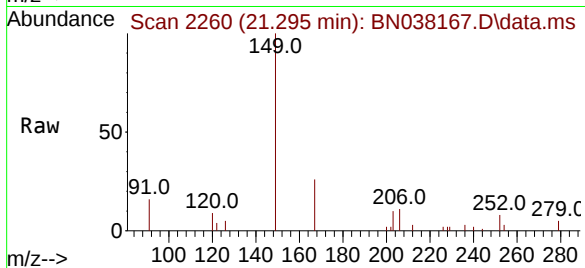




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.105 ng
 RT: 21.295 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN038167.D
 Acq: 07 Nov 2025 23:31

Instrument :
 BNA_N
 ClientSampleId :
 FB-1

Tgt Ion:149 Resp: 4898
 Ion Ratio Lower Upper
 149 100
 167 24.2 21.1 31.7
 279 3.8 2.9 4.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.686 min Scan# 2822
 Delta R.T. 0.006 min
 Lab File: BN038167.D
 Acq: 07 Nov 2025 23:31

Tgt Ion:264 Resp: 24058
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.8 32.8
 265 72.9 68.6 102.8

