

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
 Data File : BN038012.D
 Acq On : 06 Oct 2025 16:46
 Operator : RC/JU
 Sample : Q3194-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D3-20250922

Quant Time: Oct 06 17:14:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

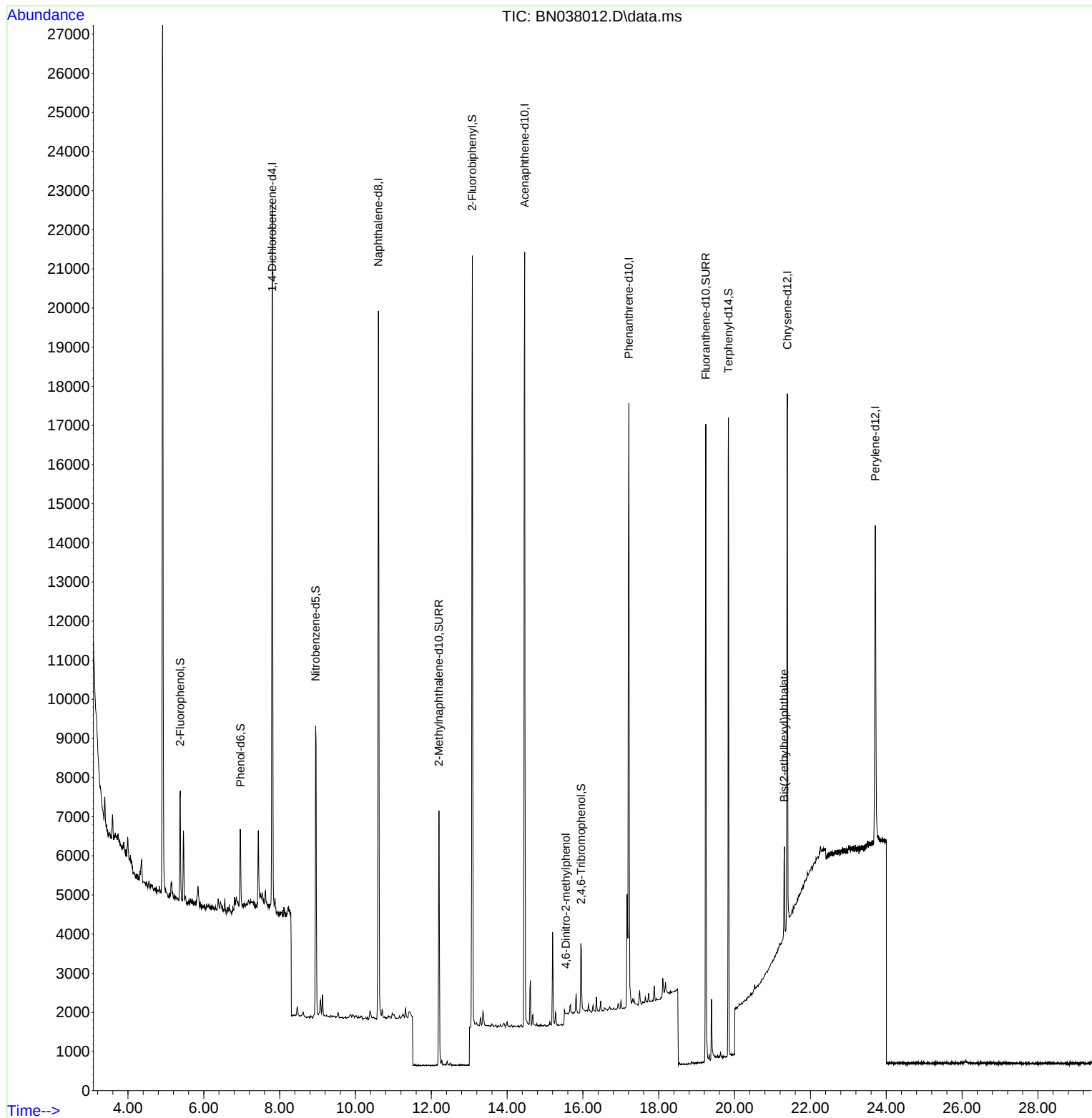
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	8647	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	23227	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	11318	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	20950	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	13153	0.400	ng	0.00
35) Perylene-d12	23.709	264	11624	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2251	0.114	ng	0.00
5) Phenol-d6	6.966	99	1762	0.068	ng	0.00
8) Nitrobenzene-d5	8.950	82	6282	0.355	ng	-0.02
11) 2-Methylnaphthalene-d10	12.202	152	8879	0.275	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	1126	0.262	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	16637	0.359	ng	-0.01
27) Fluoranthene-d10	19.239	212	16956	0.322	ng	-0.01
31) Terphenyl-d14	19.838	244	14882	0.568	ng	-0.01
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.547	198	1	0.068	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.313	149	2480	0.136	ng	# 98

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

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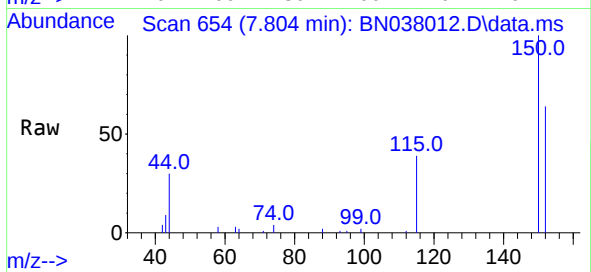
Quant Time: Oct 06 17:14:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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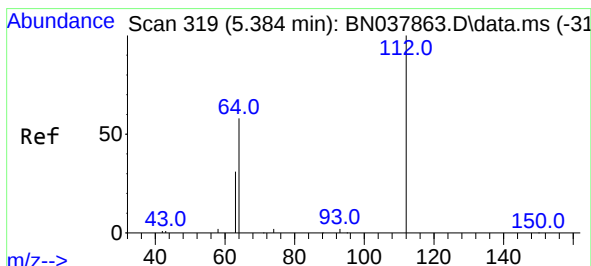
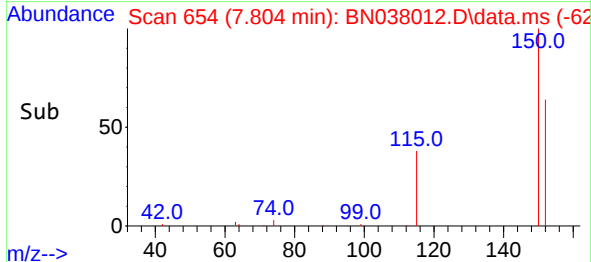
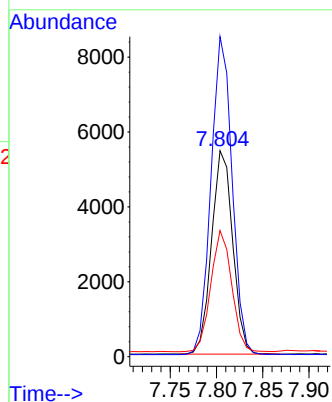


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038012.D
Acq: 06 Oct 2025 16:46

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D3-20250922

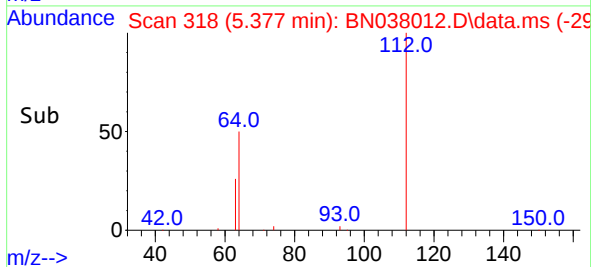
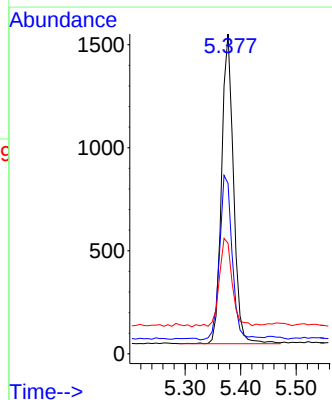
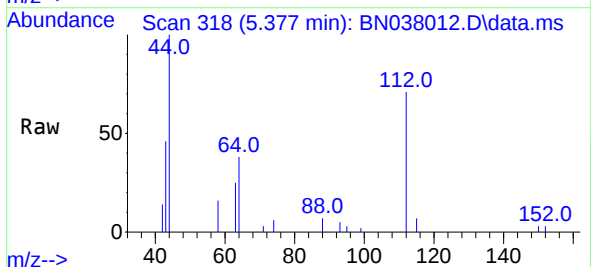


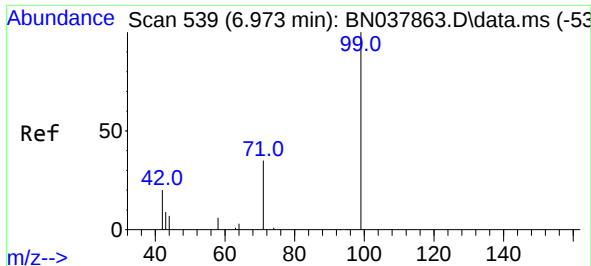
Tgt Ion:152 Resp: 8647
Ion Ratio Lower Upper
152 100
150 155.3 121.0 181.4
115 61.2 47.4 71.0



#4
2-Fluorophenol
Concen: 0.114 ng
RT: 5.377 min Scan# 318
Delta R.T. -0.007 min
Lab File: BN038012.D
Acq: 06 Oct 2025 16:46

Tgt Ion:112 Resp: 2251
Ion Ratio Lower Upper
112 100
64 56.6 44.6 66.8
63 31.5 24.9 37.3

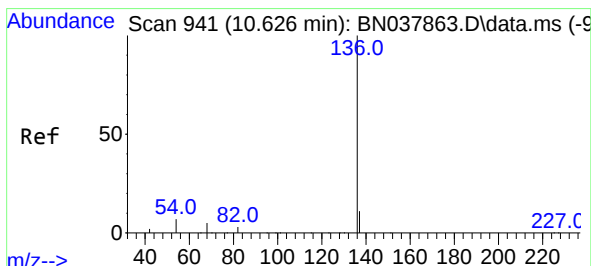
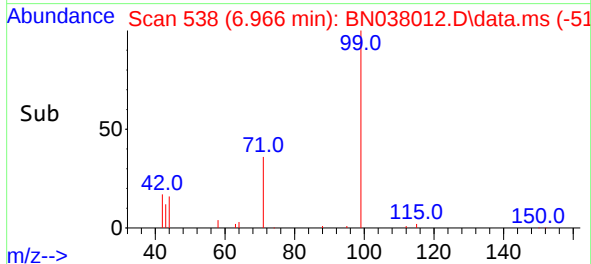
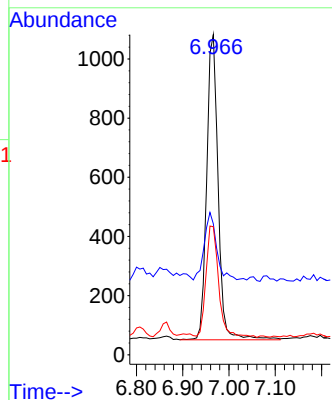
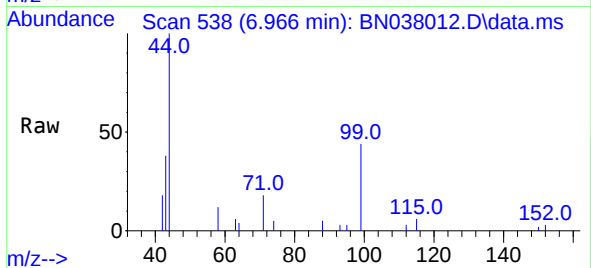




#5
Phenol-d6
Concen: 0.068 ng
RT: 6.966 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN038012.D
Acq: 06 Oct 2025 16:46

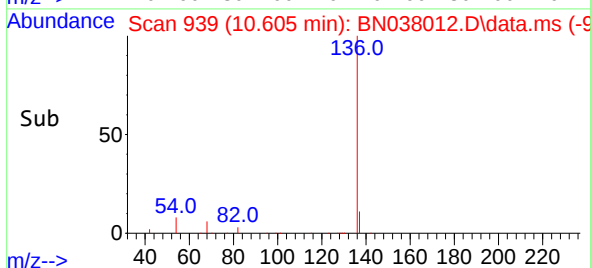
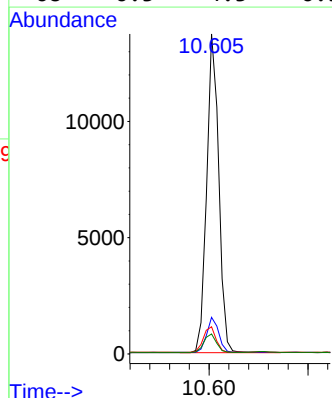
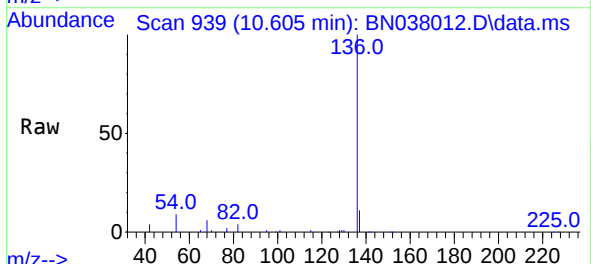
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D3-20250922

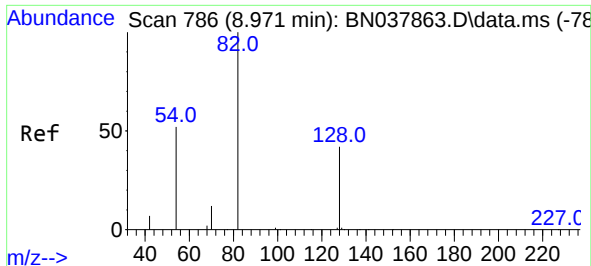
Tgt Ion:	99	Resp:	1762
Ion	Ratio	Lower	Upper
99	100		
42	23.9	17.2	25.8
71	40.5	27.3	40.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.021 min
Lab File: BN038012.D
Acq: 06 Oct 2025 16:46

Tgt Ion:	136	Resp:	23227
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	8.5	5.8	8.8
68	6.3	4.3	6.5

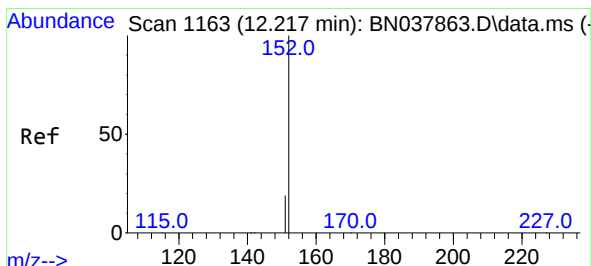
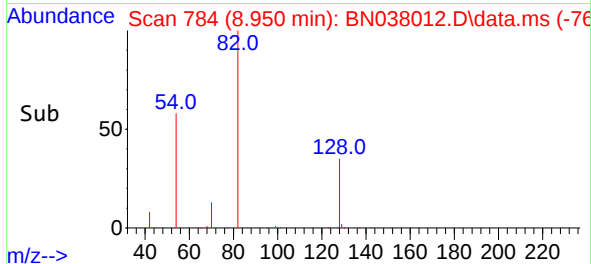
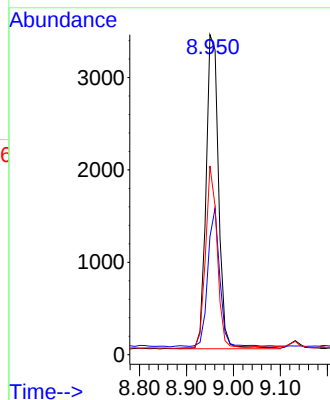
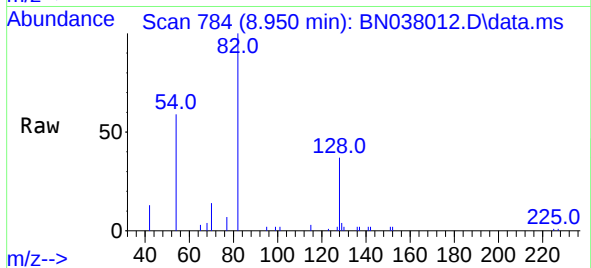




#8
Nitrobenzene-d5
Concen: 0.355 ng
RT: 8.950 min Scan# 71
Delta R.T. -0.021 min
Lab File: BN038012.D
Acq: 06 Oct 2025 16:46

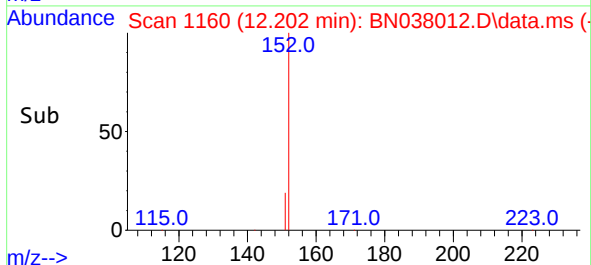
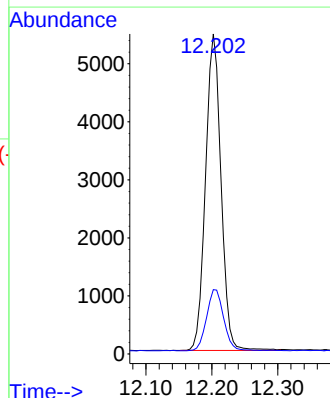
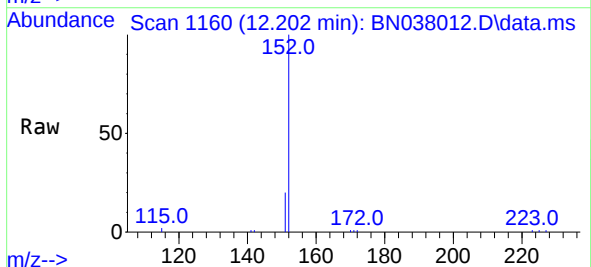
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D3-20250922

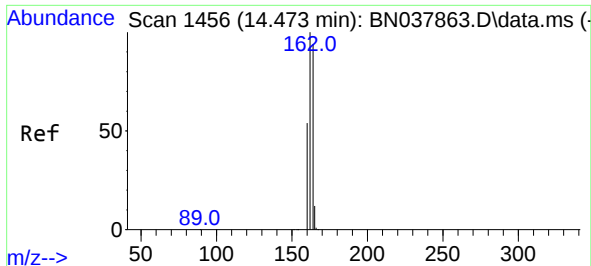
Tgt Ion: 82 Resp: 6282
Ion Ratio Lower Upper
82 100
128 36.9 34.8 52.2
54 59.0 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 12.202 min Scan# 1160
Delta R.T. -0.015 min
Lab File: BN038012.D
Acq: 06 Oct 2025 16:46

Tgt Ion: 152 Resp: 8879
Ion Ratio Lower Upper
152 100
151 21.4 17.4 26.2

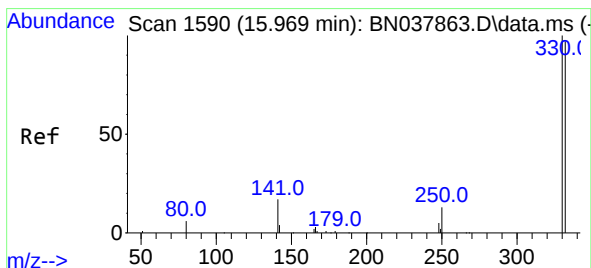
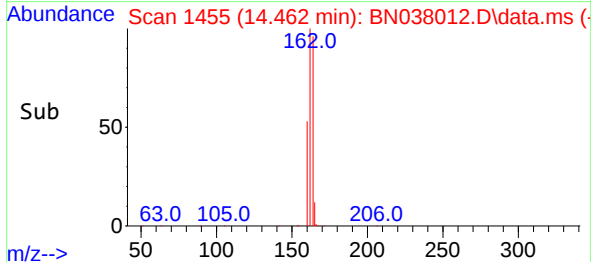
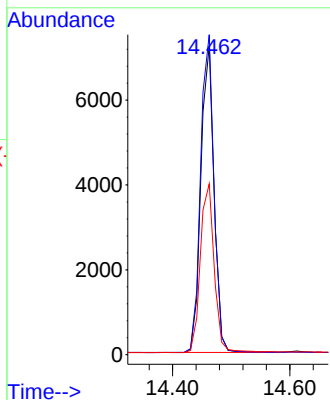
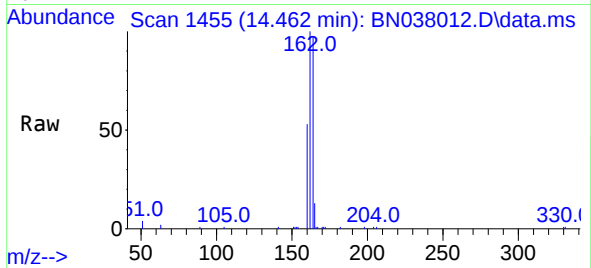




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038012.D
Acq: 06 Oct 2025 16:46

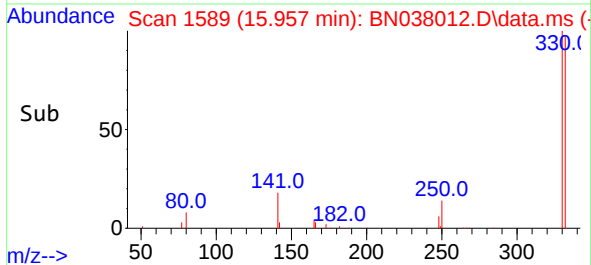
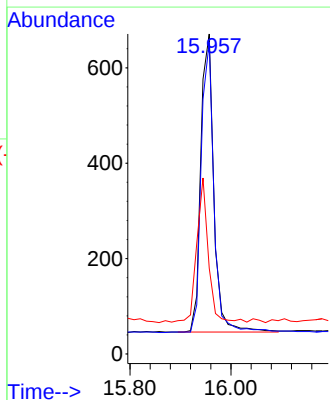
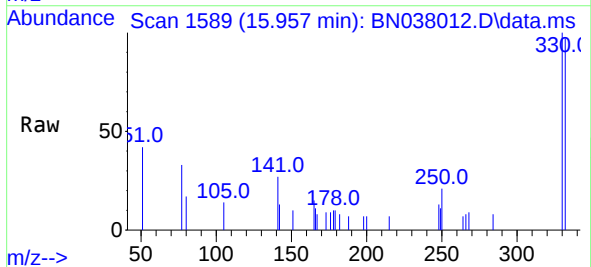
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D3-20250922

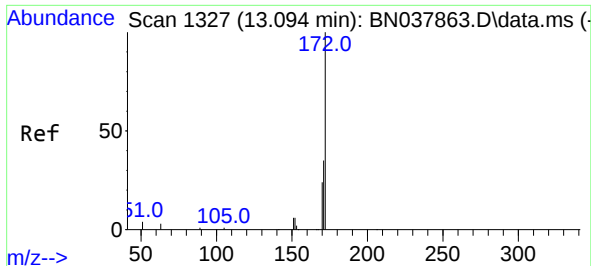
Tgt Ion:164 Resp: 11318
Ion Ratio Lower Upper
164 100
162 103.6 84.8 127.2
160 55.3 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.262 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN038012.D
Acq: 06 Oct 2025 16:46

Tgt Ion:330 Resp: 1126
Ion Ratio Lower Upper
330 100
332 95.6 77.2 115.8
141 42.9 37.2 55.8

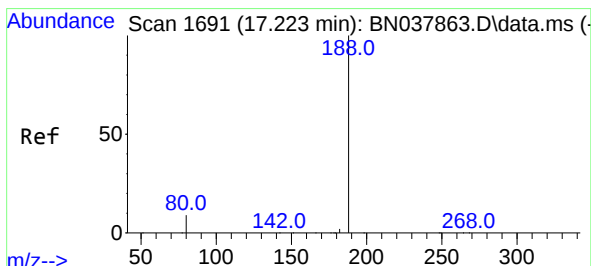
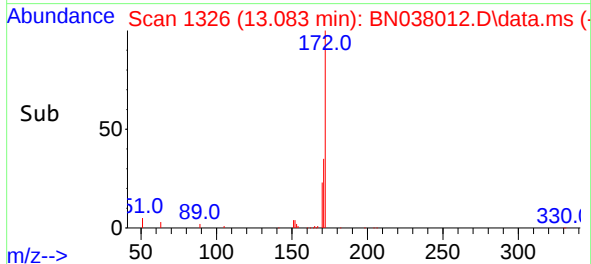
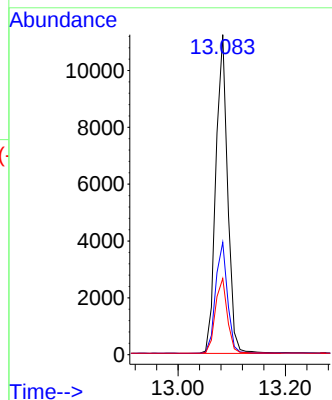
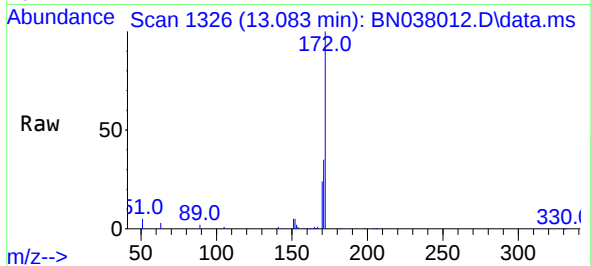




#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 13.083 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN038012.D
Acq: 06 Oct 2025 16:46

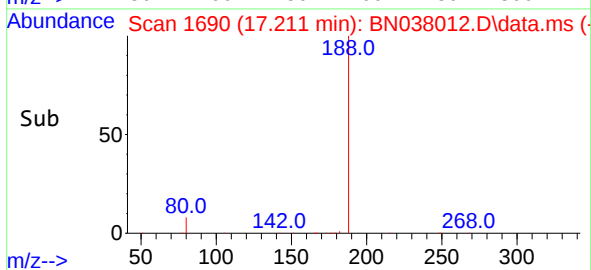
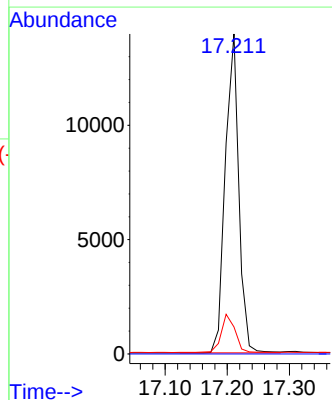
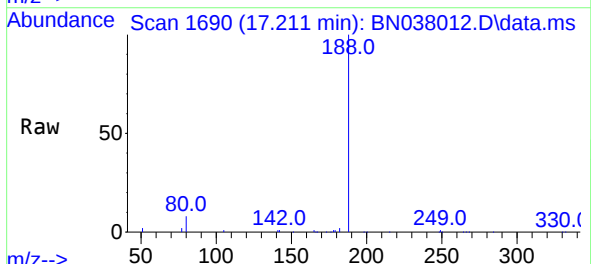
Instrument :
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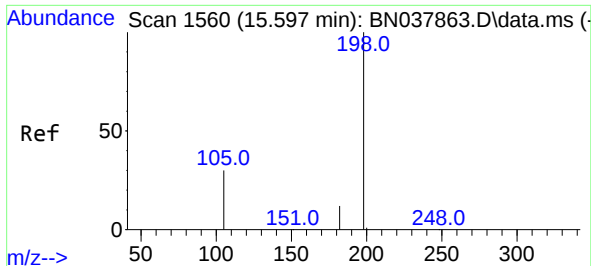
Tgt Ion:172 Resp: 16637
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.8 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN038012.D
Acq: 06 Oct 2025 16:46

Tgt Ion:188 Resp: 20950
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 7.6 11.4

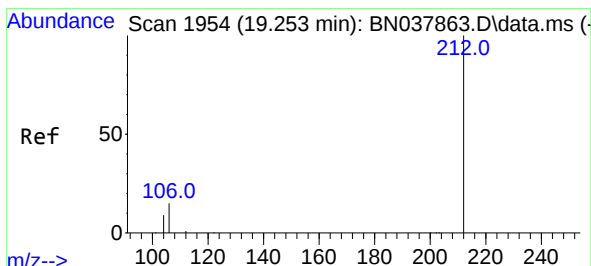
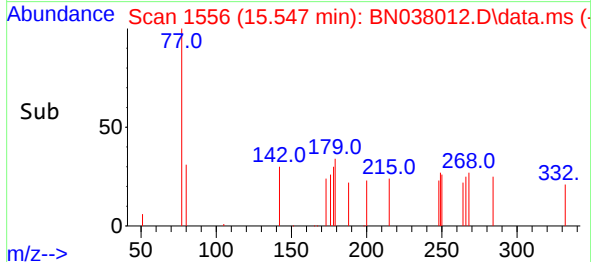
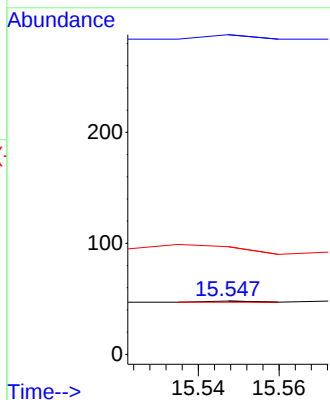
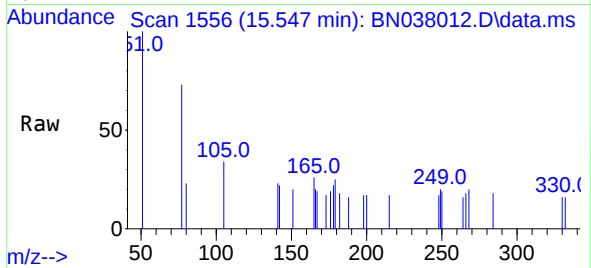




#20
4,6-Dinitro-2-methylphenol
Concen: 0.068 ng
RT: 15.547 min Scan# 11
Delta R.T. -0.050 min
Lab File: BN038012.D
Acq: 06 Oct 2025 16:46

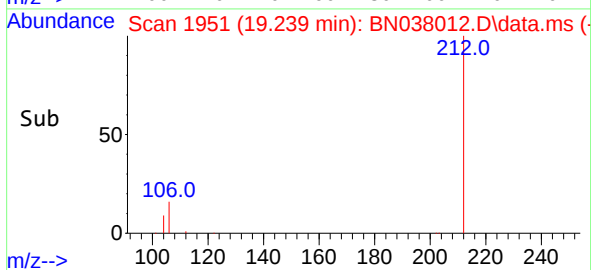
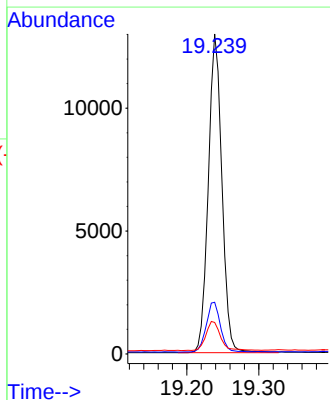
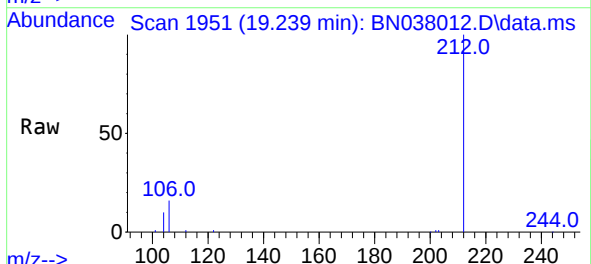
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D3-20250922

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 600.0 59.1 88.7#
105 202.1 41.3 61.9#



#27
Fluoranthene-d10
Concen: 0.322 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038012.D
Acq: 06 Oct 2025 16:46

Tgt Ion:212 Resp: 16956
Ion Ratio Lower Upper
212 100
106 16.2 12.6 19.0
104 10.1 7.4 11.0



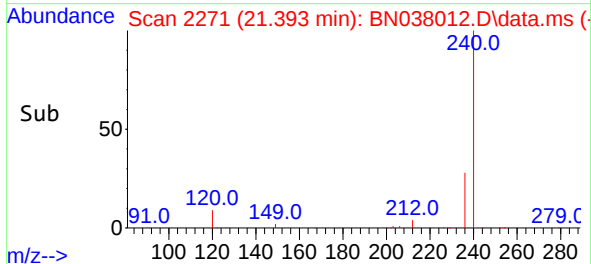
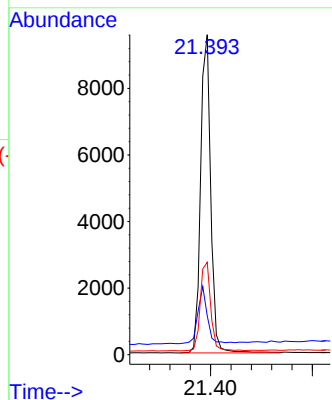
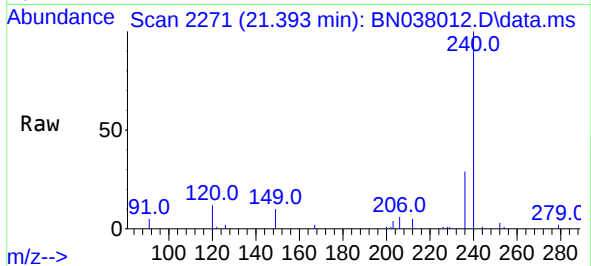


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038012.D
Acq: 06 Oct 2025 16:46

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D3-20250922

Tgt Ion:240 Resp: 13153

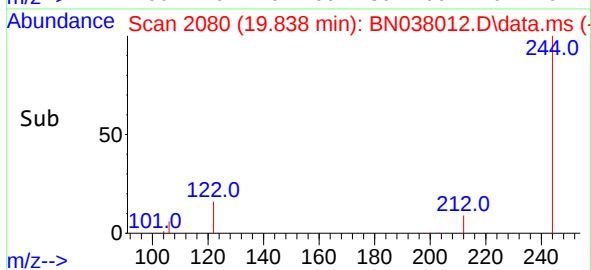
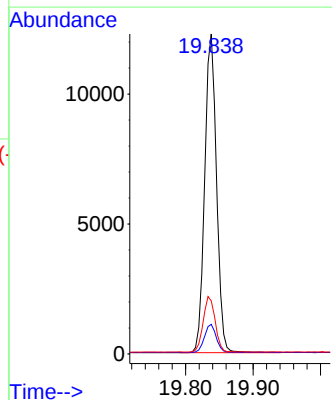
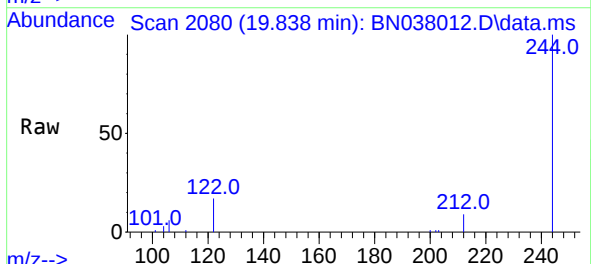
Ion	Ratio	Lower	Upper
240	100		
120	12.1	11.4	17.2
236	28.9	23.0	34.6

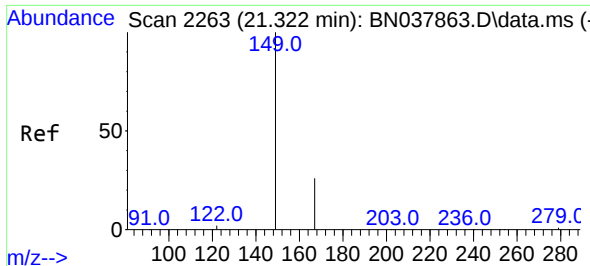


#31
Terphenyl-d14
Concen: 0.568 ng
RT: 19.838 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038012.D
Acq: 06 Oct 2025 16:46

Tgt Ion:244 Resp: 14882

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.6	11.4
122	16.6	13.9	20.9

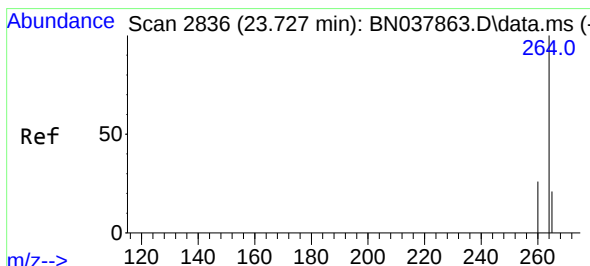
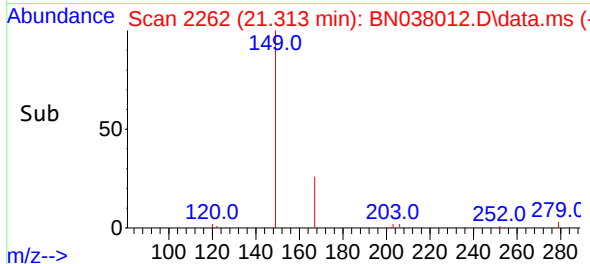
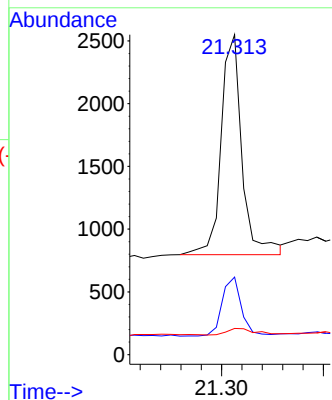
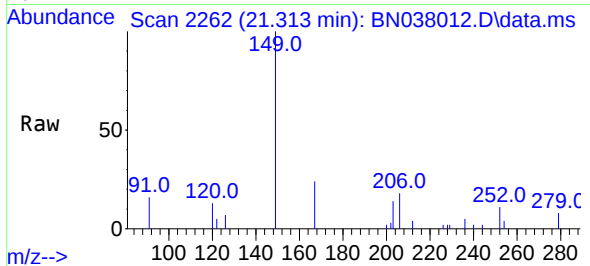




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.136 ng
RT: 21.313 min Scan# 2130
Delta R.T. -0.009 min
Lab File: BN038012.D
Acq: 06 Oct 2025 16:46

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D3-20250922

Tgt Ion:149 Resp: 2480
Ion Ratio Lower Upper
149 100
167 24.8 20.4 30.6
279 4.3 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.709 min Scan# 2830
Delta R.T. -0.018 min
Lab File: BN038012.D
Acq: 06 Oct 2025 16:46

Tgt Ion:264 Resp: 11624
Ion Ratio Lower Upper
264 100
260 27.2 21.5 32.3
265 93.6 53.8 80.6#

