

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100725\
 Data File : BN038051.D
 Acq On : 07 Oct 2025 18:07
 Operator : RC/JU
 Sample : Q3236-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20250926

Quant Time: Oct 07 18:33:01 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)

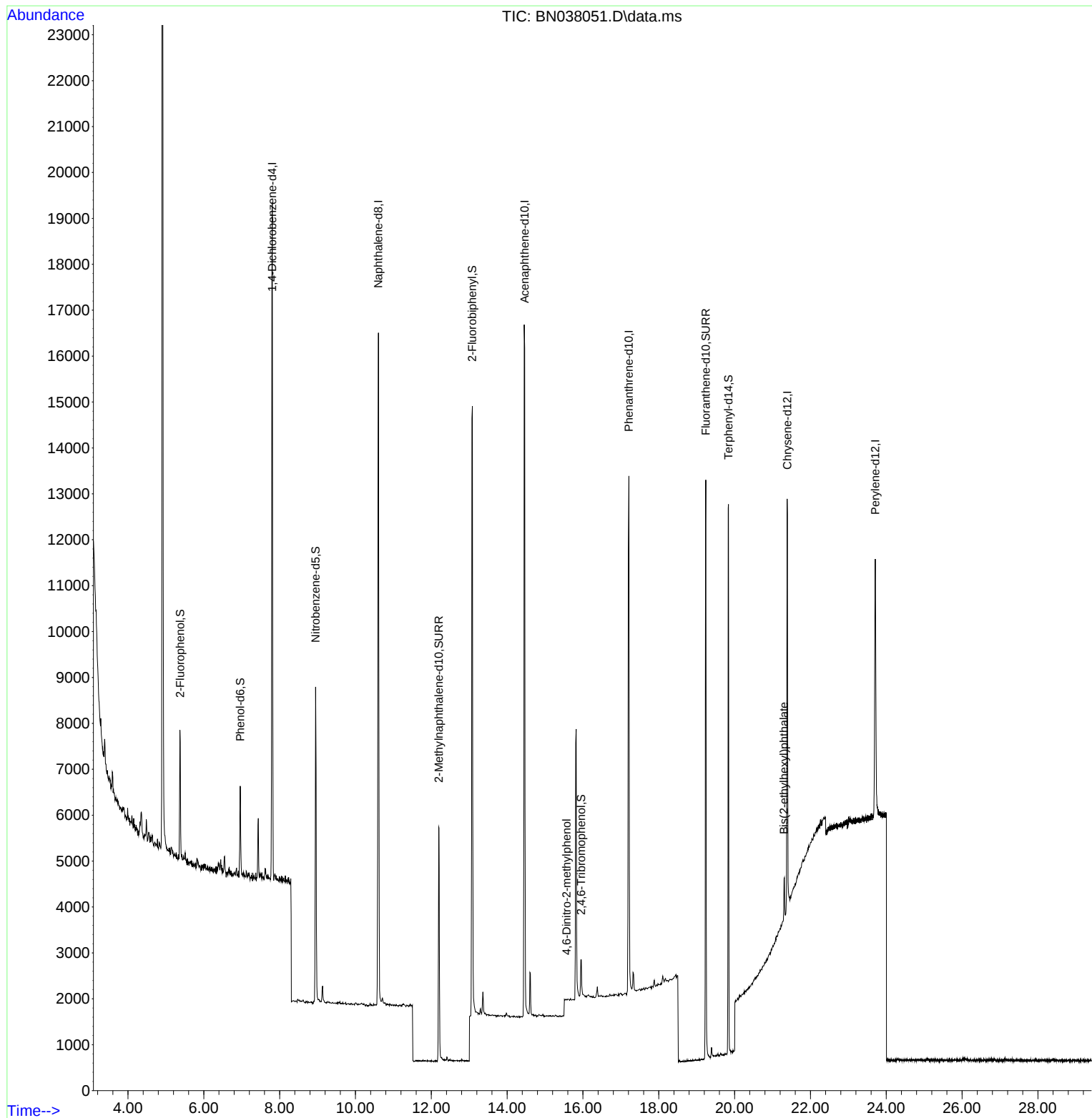
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	7075	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	19240	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	9331	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	16921	0.400	ng	-0.01
29) Chrysene-d12	21.393	240	9066	0.400	ng	0.00
35) Perylene-d12	23.709	264	8086	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2222	0.138	ng	0.00
5) Phenol-d6	6.959	99	1703	0.080	ng	-0.01
8) Nitrobenzene-d5	8.950	82	5409	0.369	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	7293	0.273	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	550	0.155	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	13478	0.353	ng	-0.01
27) Fluoranthene-d10	19.239	212	13639	0.320	ng	-0.01
31) Terphenyl-d14	19.838	244	10989	0.609	ng	-0.01
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.572	198	4	0.069	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.304	149	1034	0.082	ng	99

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

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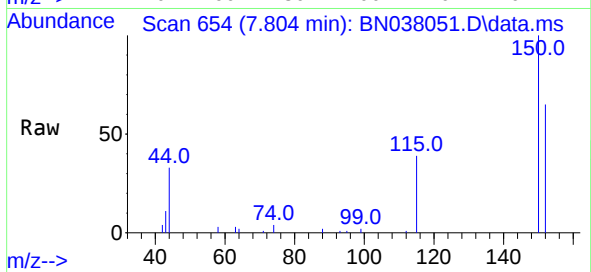
Quant Time: Oct 07 18:33:01 2025
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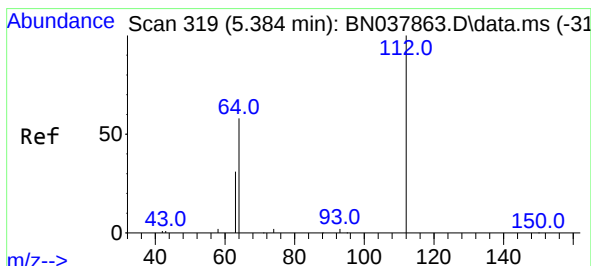
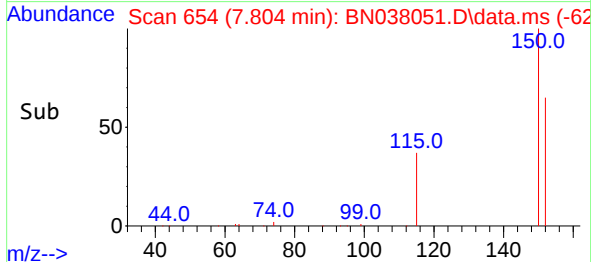
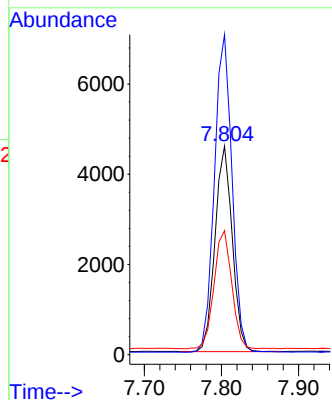


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038051.D
Acq: 07 Oct 2025 18:07

Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250926

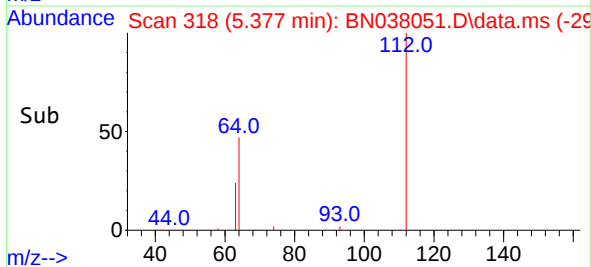
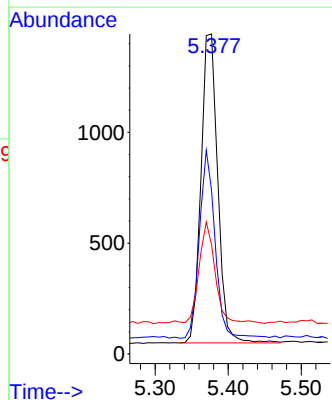
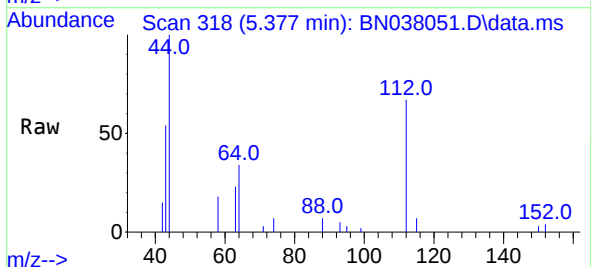


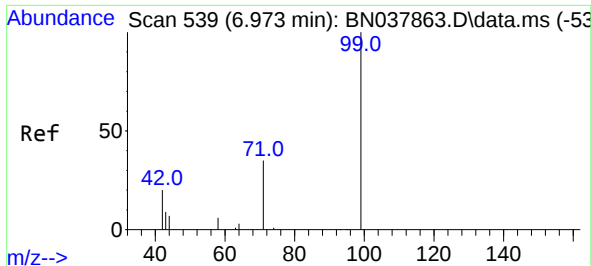
Tgt Ion:152 Resp: 7075
Ion Ratio Lower Upper
152 100
150 153.4 121.0 181.4
115 59.4 47.4 71.0



#4
2-Fluorophenol
Concen: 0.138 ng
RT: 5.377 min Scan# 318
Delta R.T. -0.007 min
Lab File: BN038051.D
Acq: 07 Oct 2025 18:07

Tgt Ion:112 Resp: 2222
Ion Ratio Lower Upper
112 100
64 56.9 44.6 66.8
63 31.7 24.9 37.3

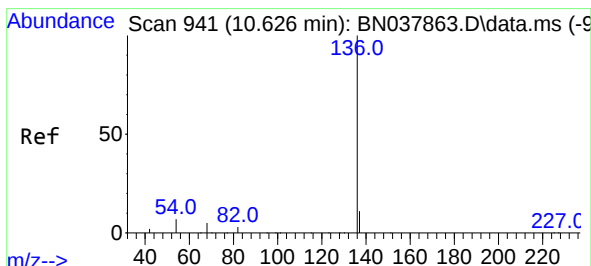
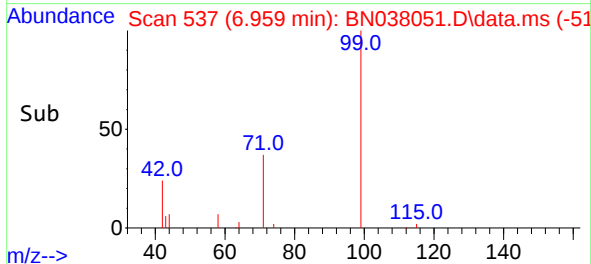
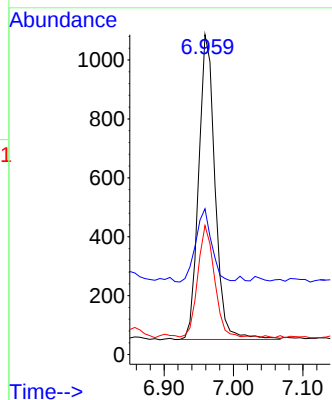
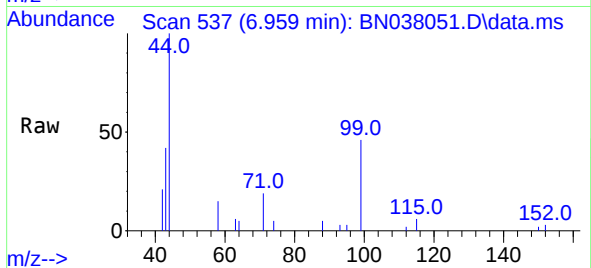




#5
Phenol-d6
Concen: 0.080 ng
RT: 6.959 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN038051.D
Acq: 07 Oct 2025 18:07

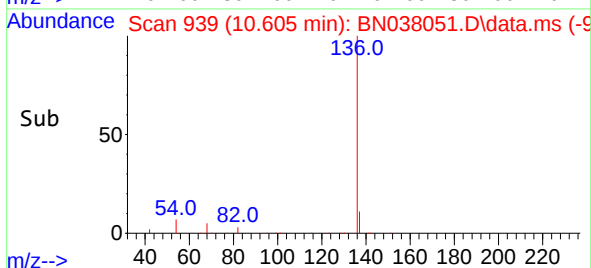
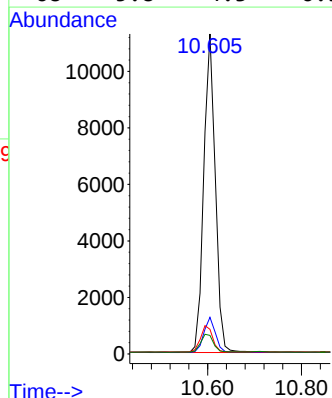
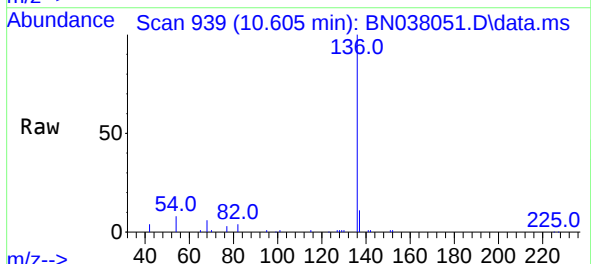
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250926

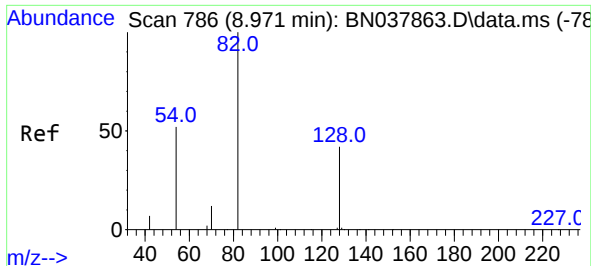
Tgt Ion:	99	Resp:	1703
Ion	Ratio	Lower	Upper
99	100		
42	23.4	17.2	25.8
71	36.8	27.3	40.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.021 min
Lab File: BN038051.D
Acq: 07 Oct 2025 18:07

Tgt Ion:	136	Resp:	19240
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.7	5.8	8.8
68	5.8	4.3	6.5

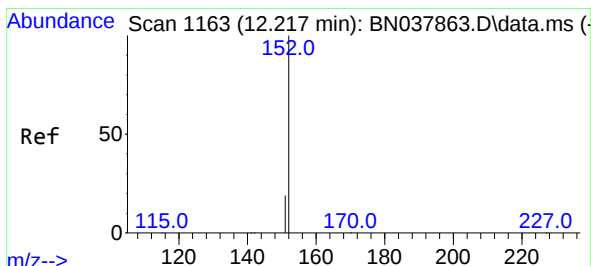
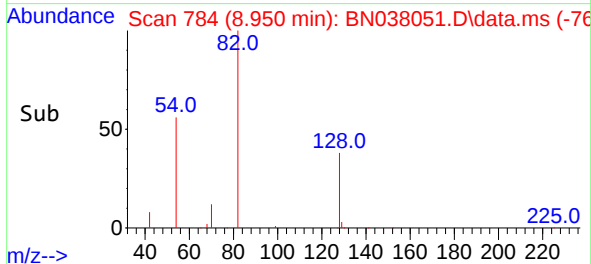
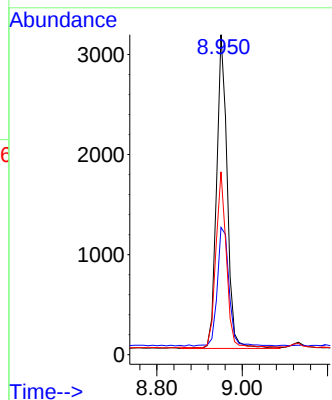
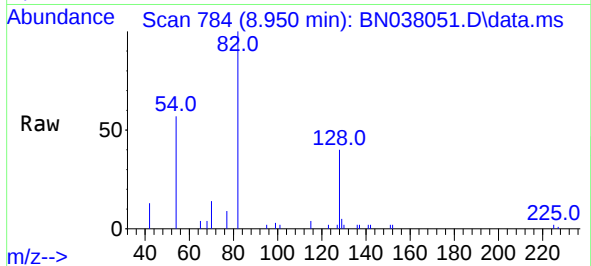




#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 8.950 min Scan# 71
Delta R.T. -0.021 min
Lab File: BN038051.D
Acq: 07 Oct 2025 18:07

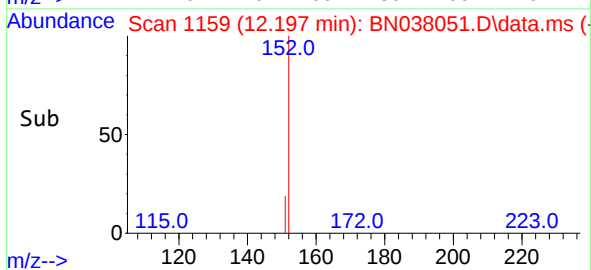
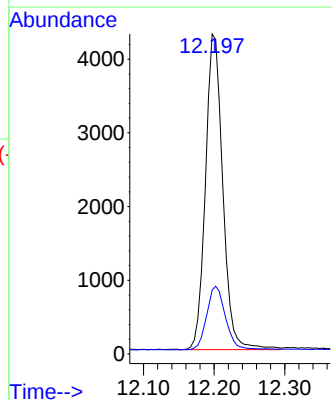
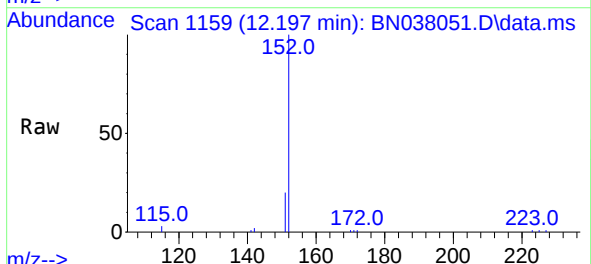
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250926

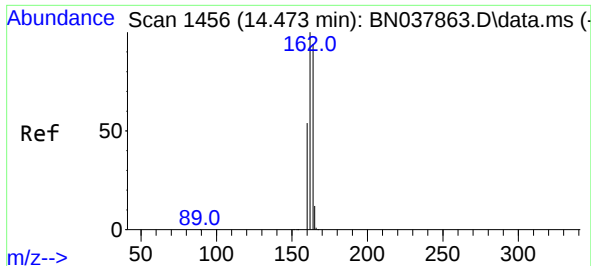
Tgt Ion: 82 Resp: 5409
Ion Ratio Lower Upper
82 100
128 39.7 34.8 52.2
54 57.1 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.273 ng
RT: 12.197 min Scan# 1159
Delta R.T. -0.020 min
Lab File: BN038051.D
Acq: 07 Oct 2025 18:07

Tgt Ion: 152 Resp: 7293
Ion Ratio Lower Upper
152 100
151 21.8 17.4 26.2

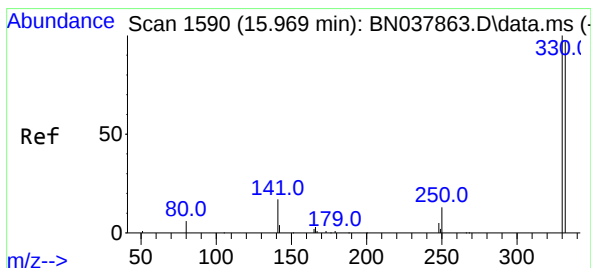
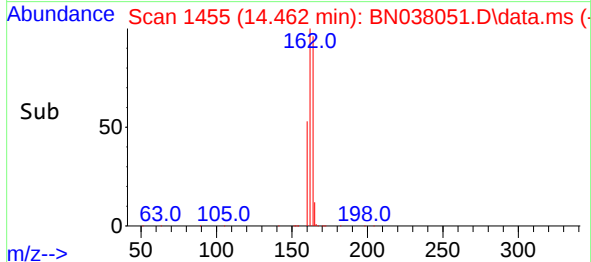
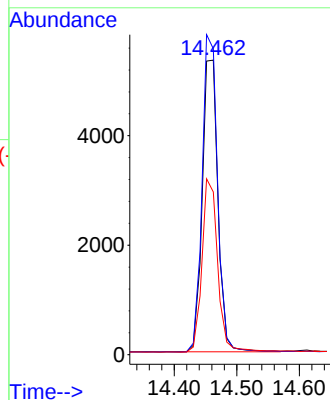
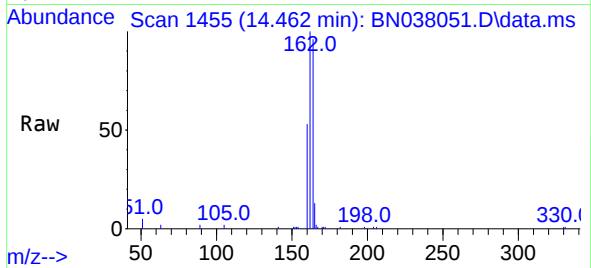




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038051.D
Acq: 07 Oct 2025 18:07

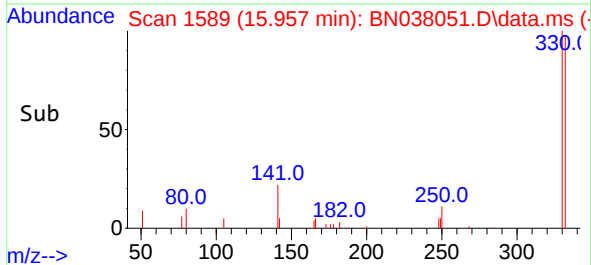
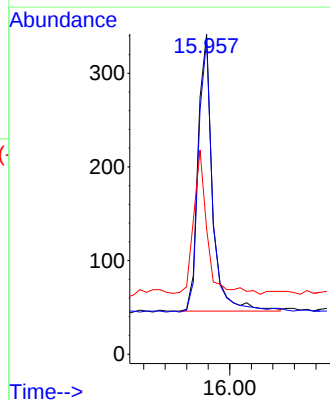
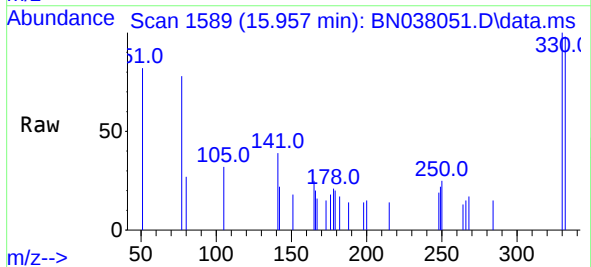
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250926

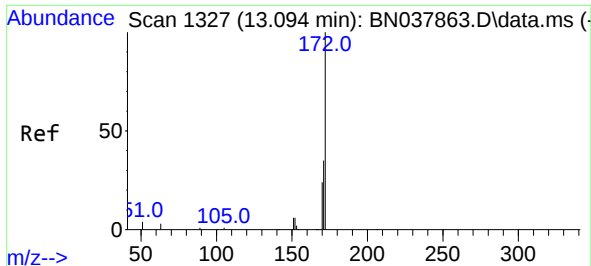
Tgt Ion:164 Resp: 9331
Ion Ratio Lower Upper
164 100
162 103.8 84.8 127.2
160 55.3 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.155 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN038051.D
Acq: 07 Oct 2025 18:07

Tgt Ion:330 Resp: 550
Ion Ratio Lower Upper
330 100
332 96.9 77.2 115.8
141 49.8 37.2 55.8

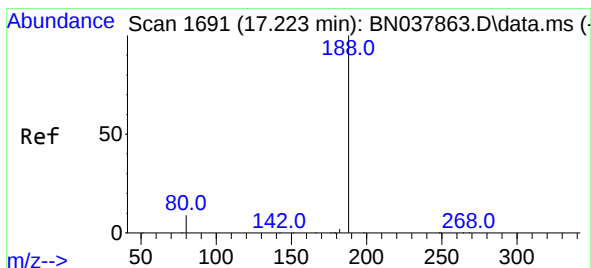
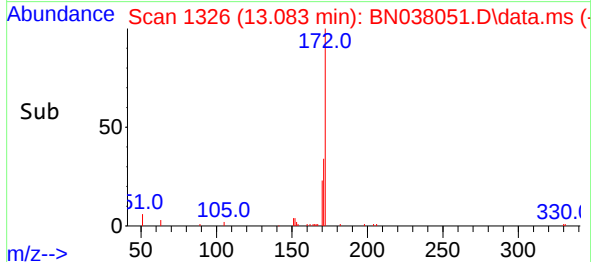
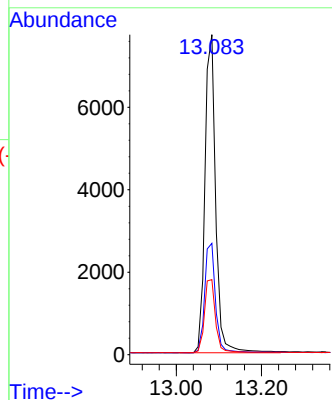
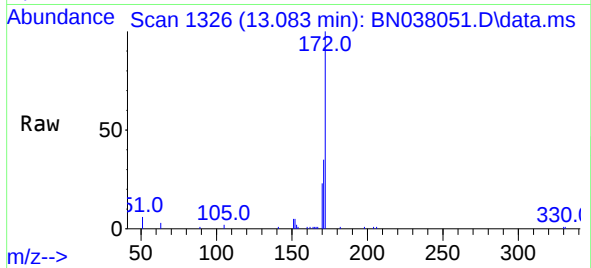




#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.083 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN038051.D
Acq: 07 Oct 2025 18:07

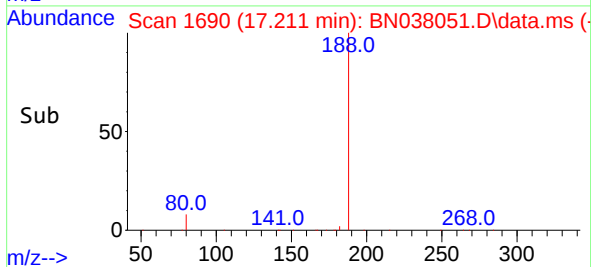
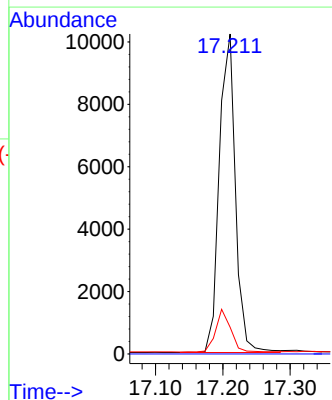
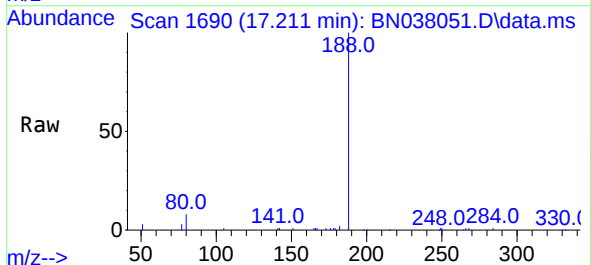
Instrument :
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ClientSampleId :
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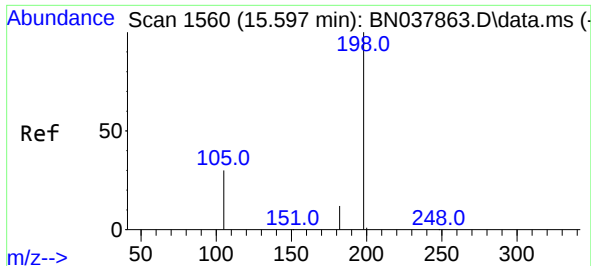
Tgt Ion:	172	Resp:	13478
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	43.0
170	23.5	19.7	29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN038051.D
Acq: 07 Oct 2025 18:07

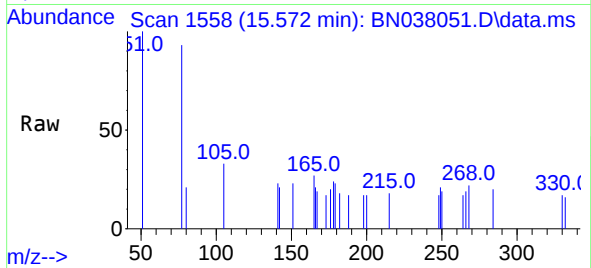
Tgt Ion:	188	Resp:	16921
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	7.6	11.4



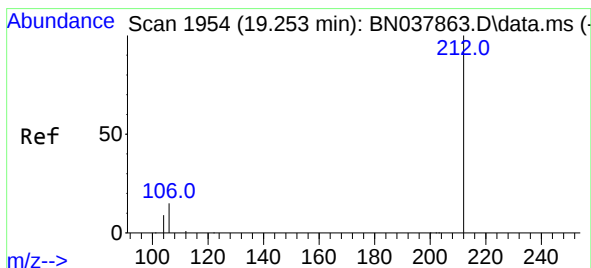
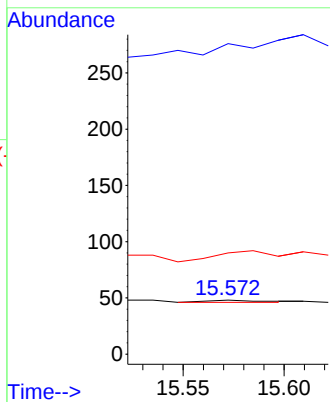
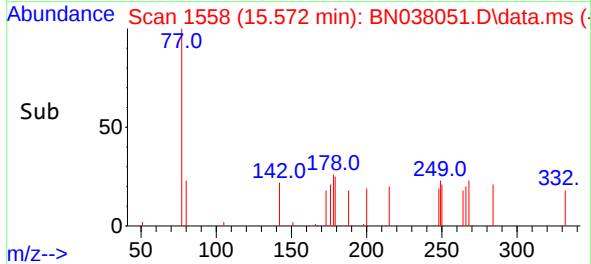


#20
4,6-Dinitro-2-methylphenol
Concen: 0.069 ng
RT: 15.572 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN038051.D
Acq: 07 Oct 2025 18:07

Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250926

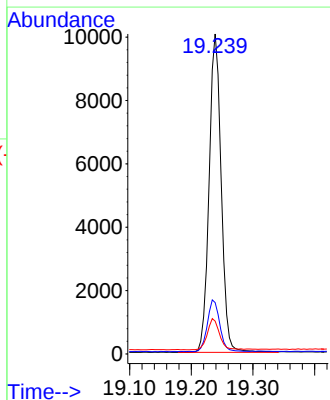
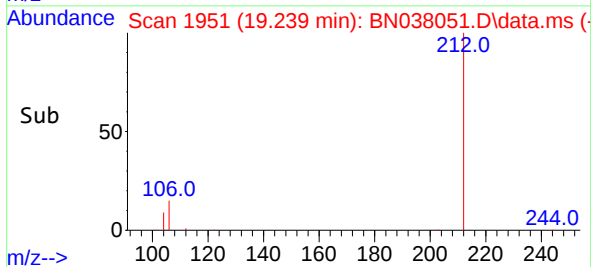
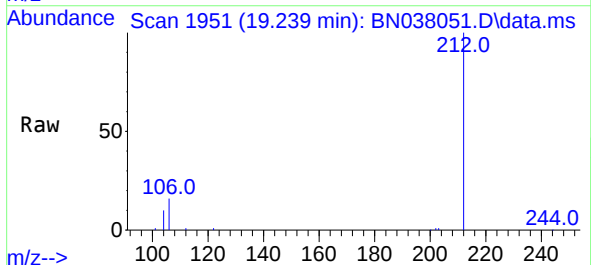


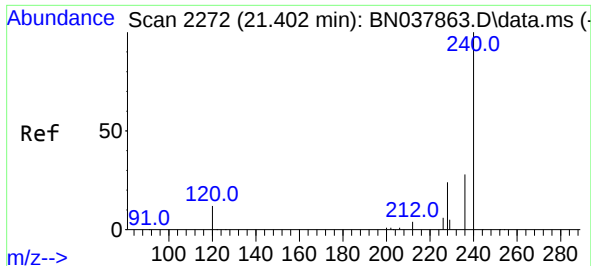
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 575.0 59.1 88.7#
105 187.5 41.3 61.9#



#27
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038051.D
Acq: 07 Oct 2025 18:07

Tgt Ion:212 Resp: 13639
Ion Ratio Lower Upper
212 100
106 16.5 12.6 19.0
104 9.6 7.4 11.0

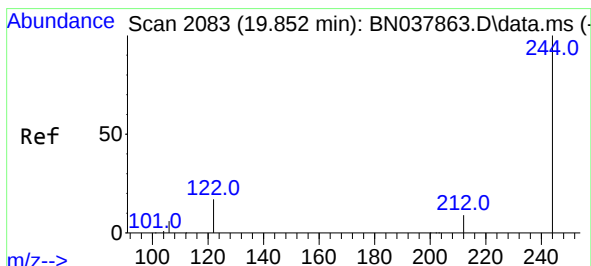
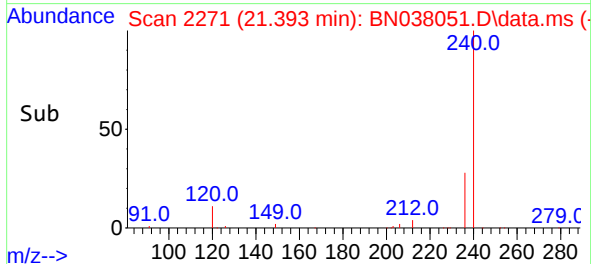
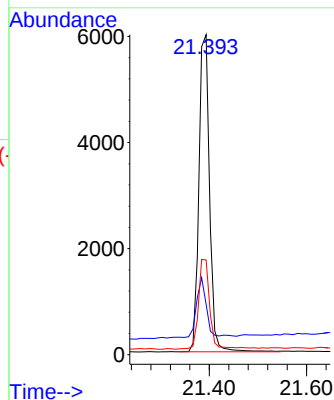
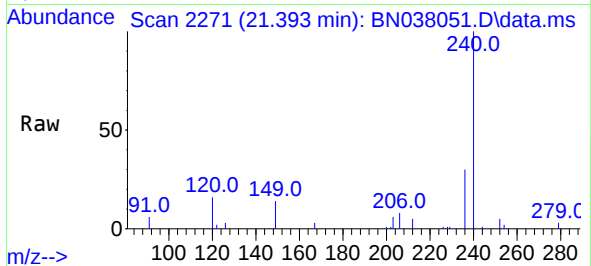




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038051.D
Acq: 07 Oct 2025 18:07

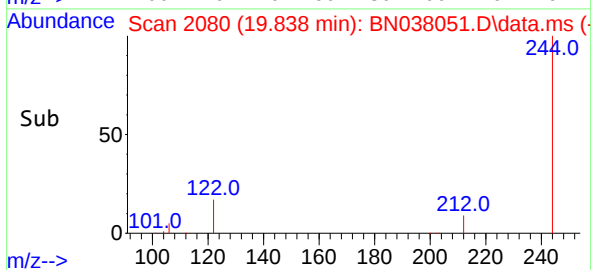
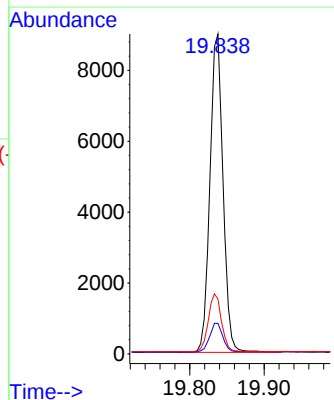
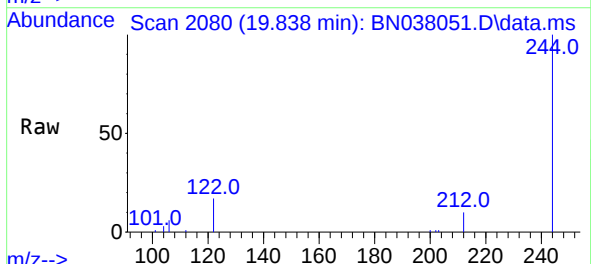
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250926

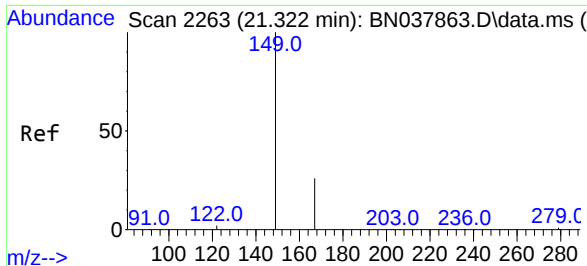
Tgt Ion:240 Resp: 9066
Ion Ratio Lower Upper
240 100
120 15.8 11.4 17.2
236 29.6 23.0 34.6



#31
Terphenyl-d14
Concen: 0.609 ng
RT: 19.838 min Scan# 2080
Delta R.T. -0.014 min
Lab File: BN038051.D
Acq: 07 Oct 2025 18:07

Tgt Ion:244 Resp: 10989
Ion Ratio Lower Upper
244 100
212 9.5 7.6 11.4
122 17.1 13.9 20.9

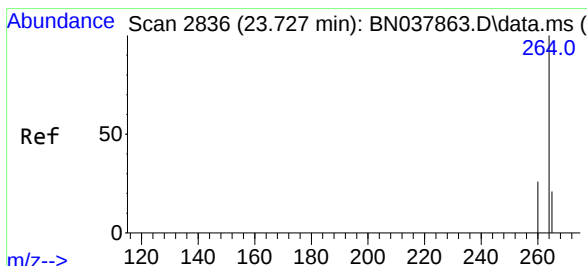
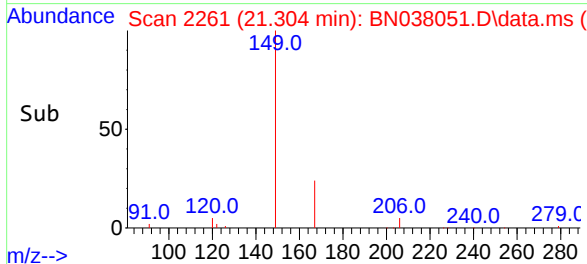
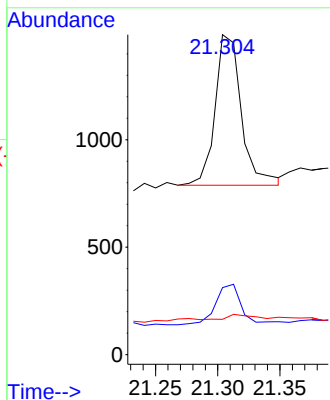
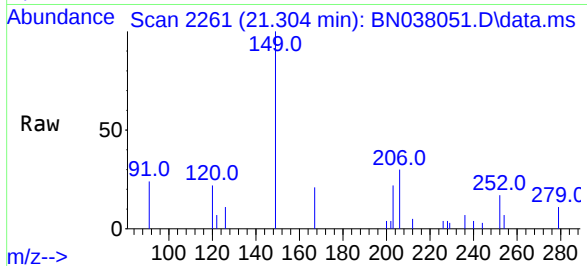




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.082 ng
RT: 21.304 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN038051.D
Acq: 07 Oct 2025 18:07

Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250926

Tgt Ion:149 Resp: 1034
Ion Ratio Lower Upper
149 100
167 26.0 20.4 30.6
279 3.6 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: BN038051.D
Acq: 07 Oct 2025 18:07

Tgt Ion:264 Resp: 8086
Ion Ratio Lower Upper
264 100
260 27.9 21.5 32.3
265 121.6 53.8 80.6#

