

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100725\
 Data File : BN038053.D
 Acq On : 07 Oct 2025 19:20
 Operator : RC/JU
 Sample : Q3237-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250926

Quant Time: Oct 08 01:47:43 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)

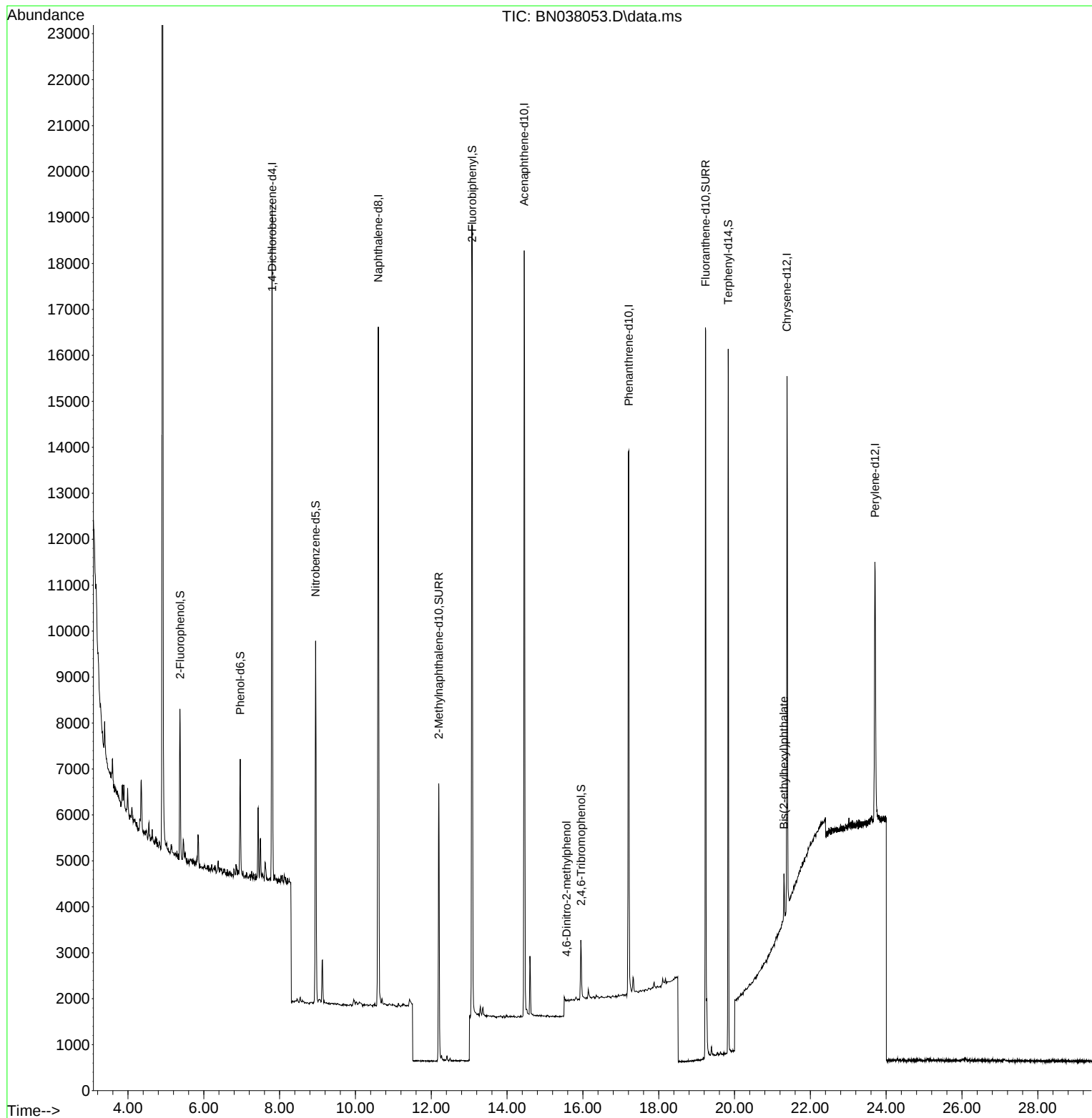
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	7178	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	19583	0.400	ng	-0.02
13) Acenaphthene-d10	14.452	164	9675	0.400	ng	-0.02
19) Phenanthrene-d10	17.211	188	18567	0.400	ng	-0.01
29) Chrysene-d12	21.384	240	10333	0.400	ng	#-0.02
35) Perylene-d12	23.703	264	8163	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	2518	0.154	ng	0.00
5) Phenol-d6	6.959	99	2202	0.102	ng	-0.01
8) Nitrobenzene-d5	8.950	82	6037	0.404	ng	-0.02
11) 2-Methylnaphthalene-d10	12.197	152	8410	0.309	ng	-0.02
14) 2,4,6-Tribromophenol	15.957	330	817	0.223	ng	-0.01
15) 2-Fluorobiphenyl	13.083	172	16463	0.416	ng	-0.01
27) Fluoranthene-d10	19.239	212	17381	0.372	ng	-0.01
31) Terphenyl-d14	19.833	244	14055	0.683	ng	-0.02
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.572	198	4	0.069	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.304	149	1187	0.083	ng	# 87

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

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Data File : BN038053.D
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Operator : RC/JU
Sample : Q3237-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
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RW8-SP303-20250926

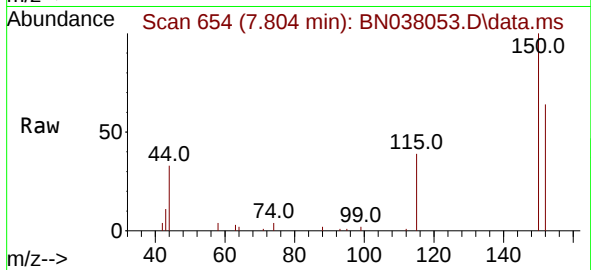
Quant Time: Oct 08 01:47:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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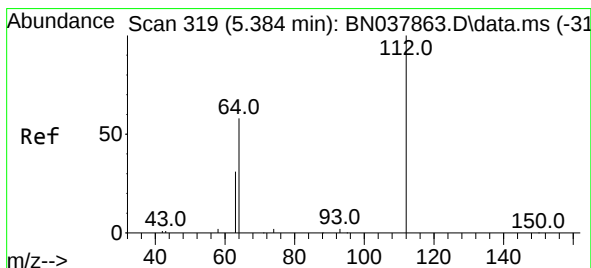
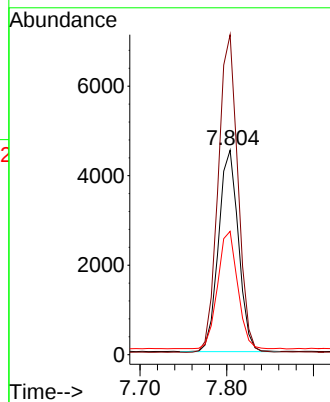
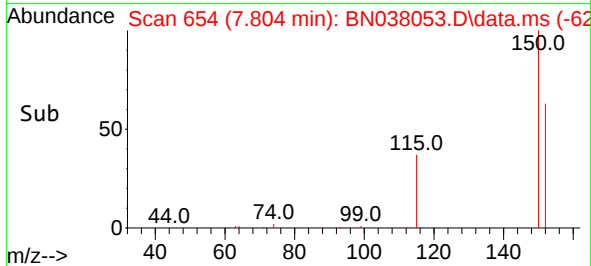


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN038053.D
Acq: 07 Oct 2025 19:20

Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250926

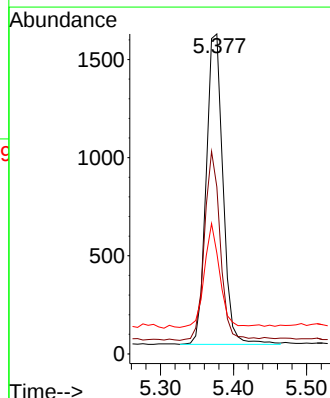
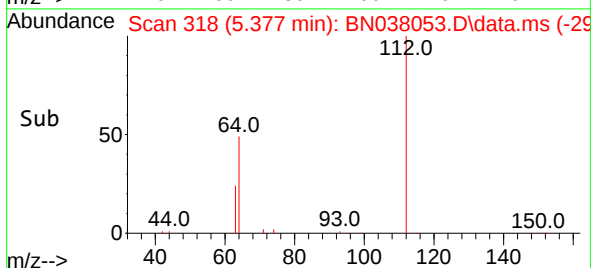
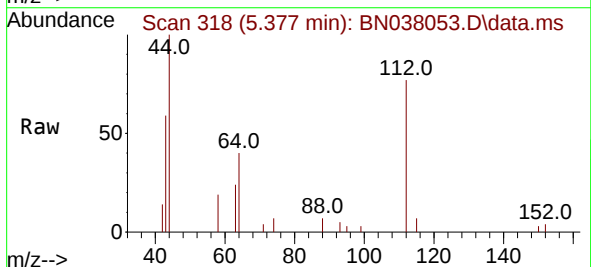


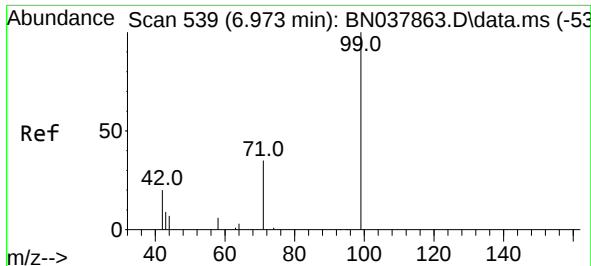
Tgt Ion:152 Resp: 7178
Ion Ratio Lower Upper
152 100
150 156.5 121.0 181.4
115 60.3 47.4 71.0



#4
2-Fluorophenol
Concen: 0.154 ng
RT: 5.377 min Scan# 318
Delta R.T. -0.007 min
Lab File: BN038053.D
Acq: 07 Oct 2025 19:20

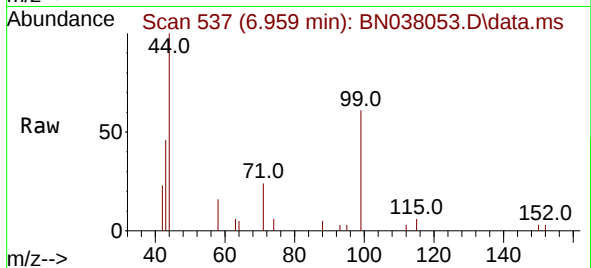
Tgt Ion:112 Resp: 2518
Ion Ratio Lower Upper
112 100
64 57.2 44.6 66.8
63 30.5 24.9 37.3



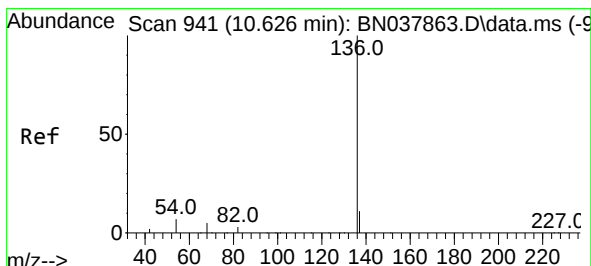
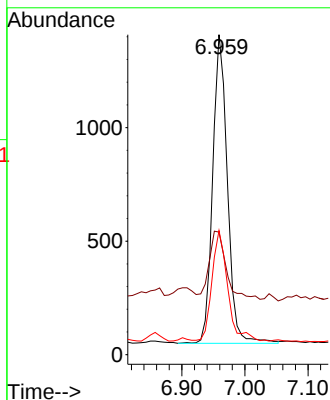
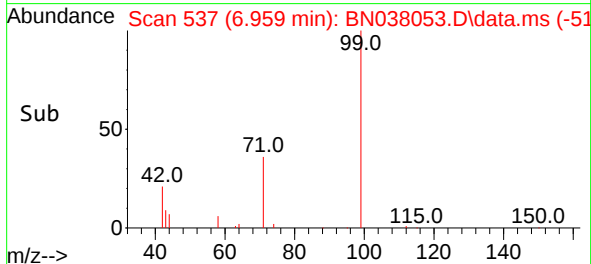


#5
Phenol-d6
Concen: 0.102 ng
RT: 6.959 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN038053.D
Acq: 07 Oct 2025 19:20

Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250926

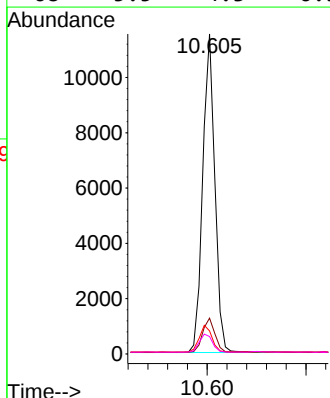
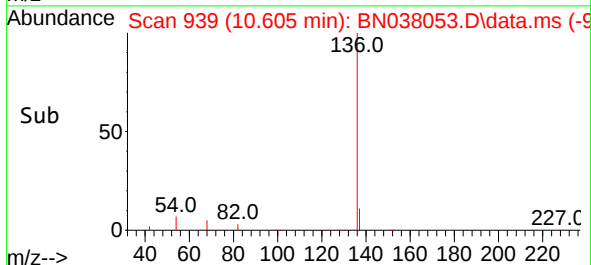
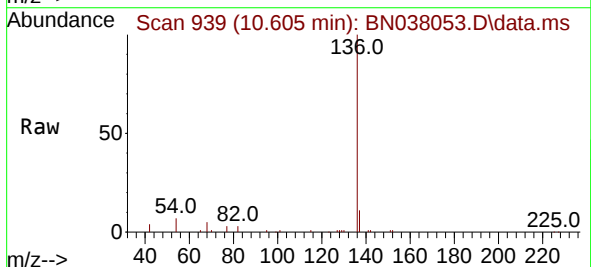


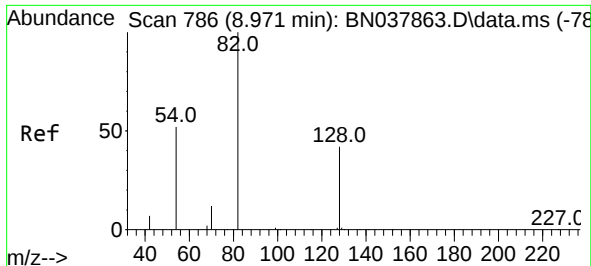
Tgt Ion:	99	Resp:	2202
Ion	Ratio	Lower	Upper
99	100		
42	25.4	17.2	25.8
71	38.3	27.3	40.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.021 min
Lab File: BN038053.D
Acq: 07 Oct 2025 19:20

Tgt Ion:	136	Resp:	19583
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.2	5.8	8.8
68	5.5	4.3	6.5

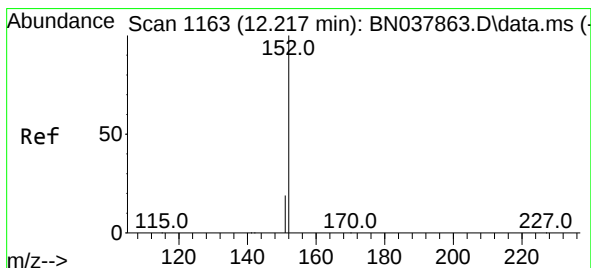
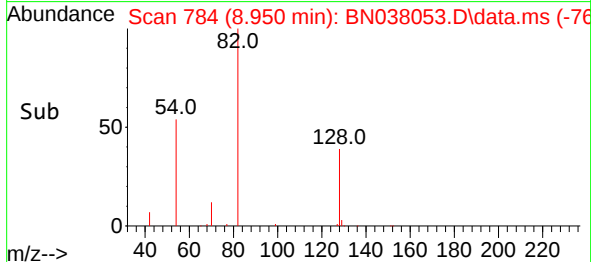
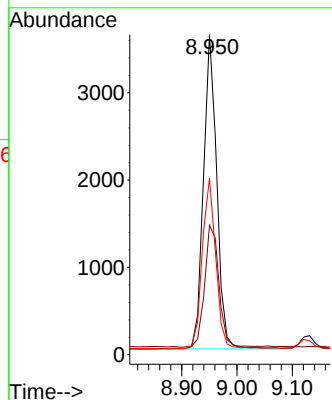
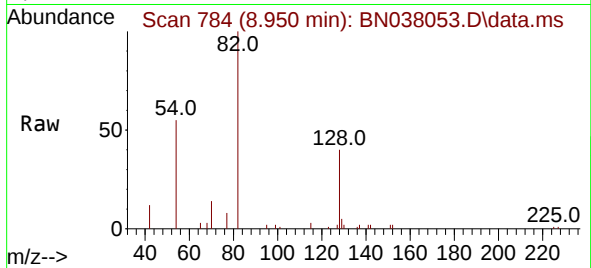




#8
 Nitrobenzene-d5
 Concen: 0.404 ng
 RT: 8.950 min Scan# 71
 Delta R.T. -0.021 min
 Lab File: BN038053.D
 Acq: 07 Oct 2025 19:20

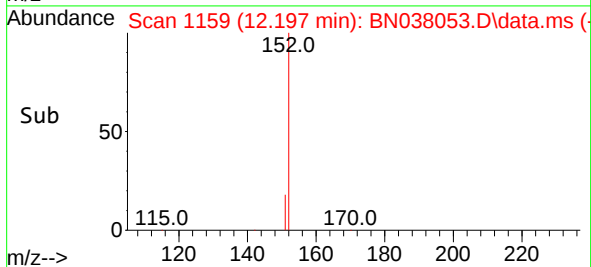
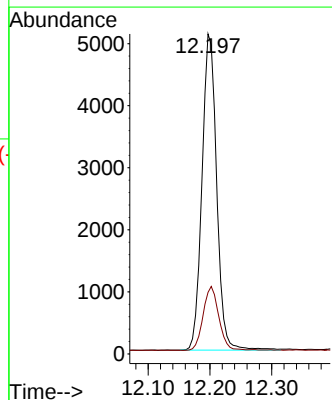
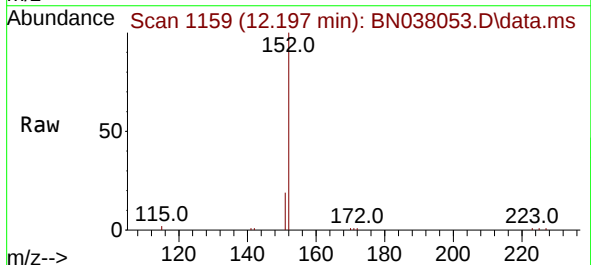
Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250926

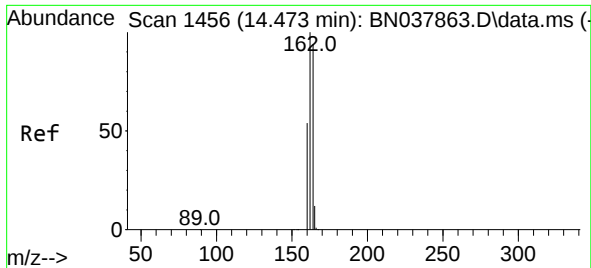
Tgt Ion:	82	Resp:	6037
Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.8	52.2
54	55.1	42.2	63.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.309 ng
 RT: 12.197 min Scan# 1159
 Delta R.T. -0.020 min
 Lab File: BN038053.D
 Acq: 07 Oct 2025 19:20

Tgt Ion:	152	Resp:	8410
Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.4	26.2

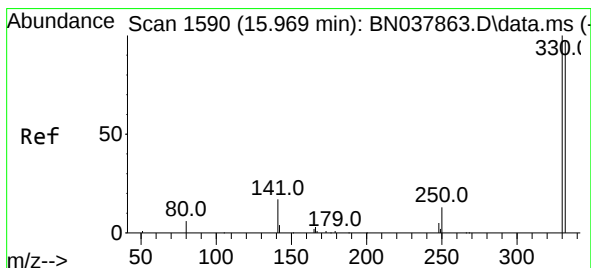
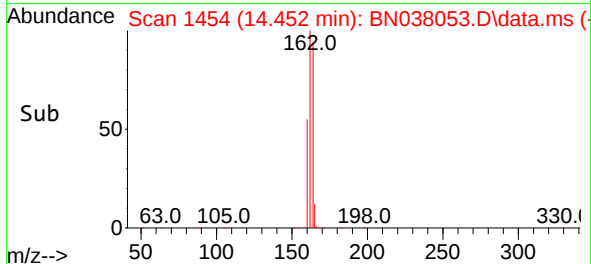
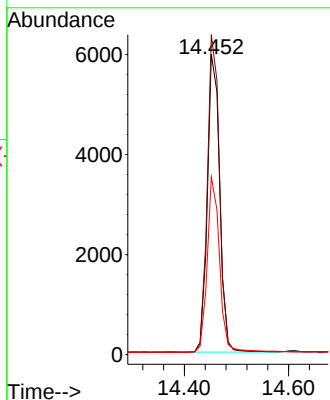
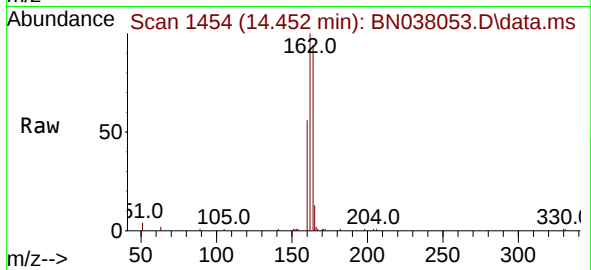




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.452 min Scan# 14
 Delta R.T. -0.021 min
 Lab File: BN038053.D
 Acq: 07 Oct 2025 19:20

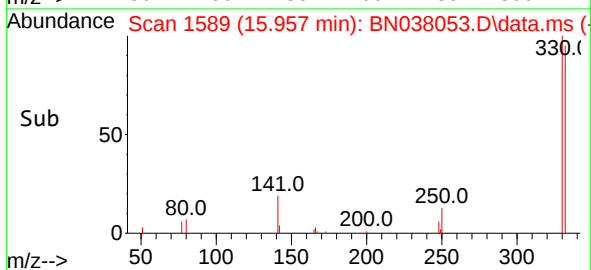
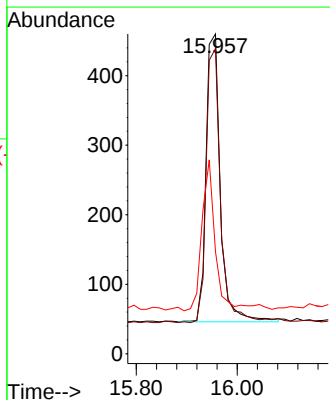
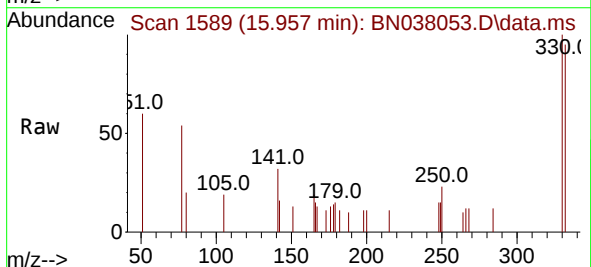
Instrument :
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 ClientSampleId :
 RW8-SP303-20250926

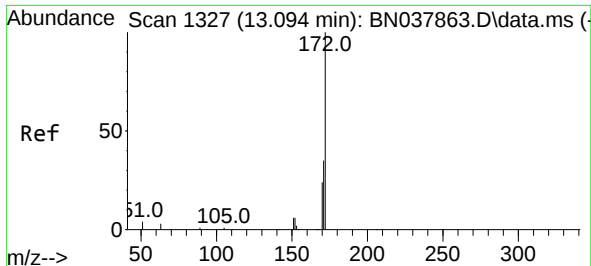
Tgt Ion:164 Resp: 9675
 Ion Ratio Lower Upper
 164 100
 162 106.5 84.8 127.2
 160 59.2 46.1 69.1



#14
 2,4,6-Tribromophenol
 Concen: 0.223 ng
 RT: 15.957 min Scan# 1589
 Delta R.T. -0.012 min
 Lab File: BN038053.D
 Acq: 07 Oct 2025 19:20

Tgt Ion:330 Resp: 817
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.2 115.8
 141 47.9 37.2 55.8

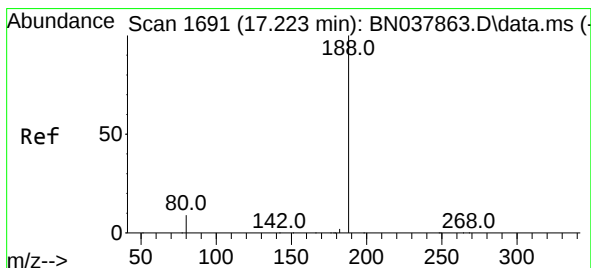
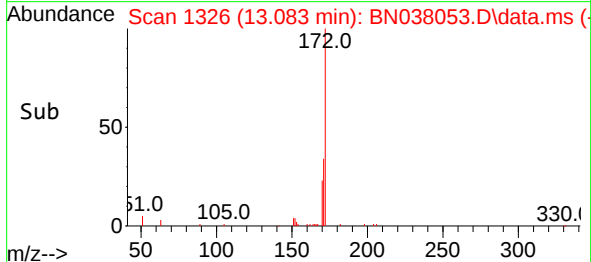
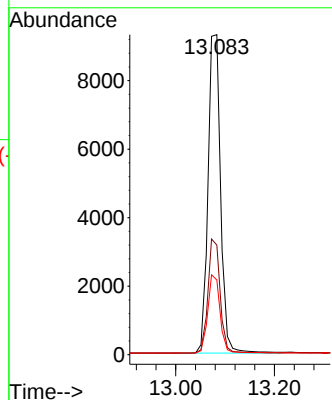
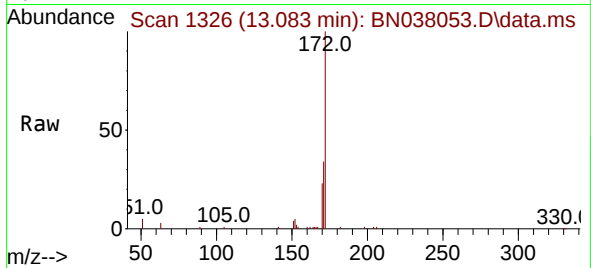




#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 13.083 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN038053.D
Acq: 07 Oct 2025 19:20

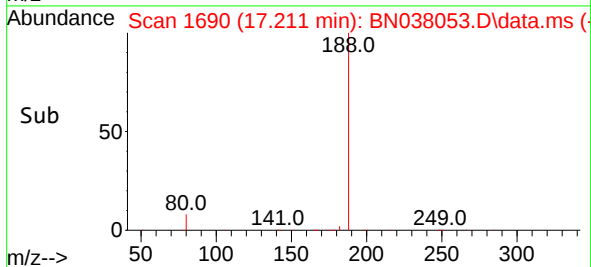
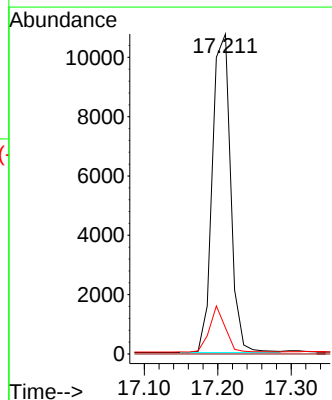
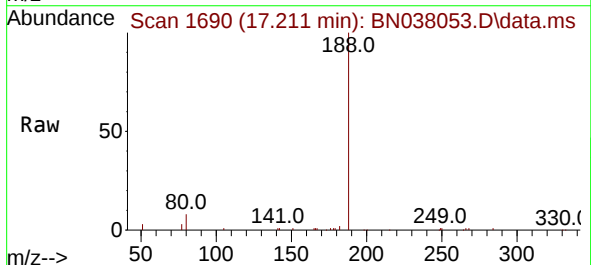
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250926

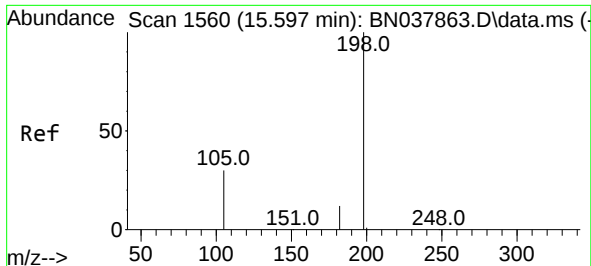
Tgt Ion:172 Resp: 16463
Ion Ratio Lower Upper
172 100
171 34.2 28.6 43.0
170 23.3 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN038053.D
Acq: 07 Oct 2025 19:20

Tgt Ion:188 Resp: 18567
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 7.6 11.4

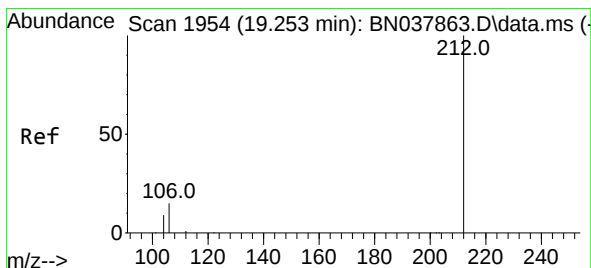
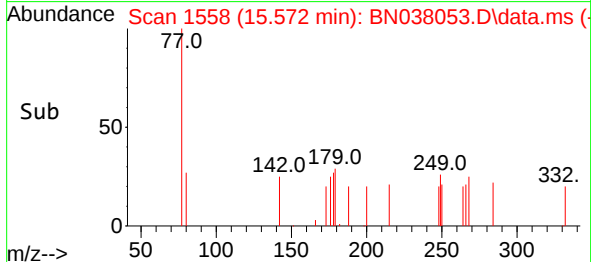
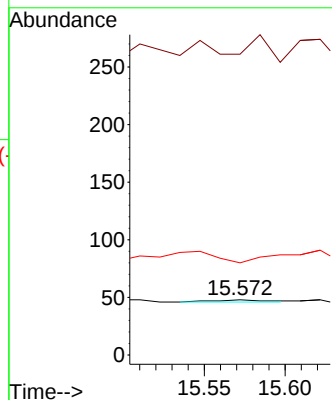
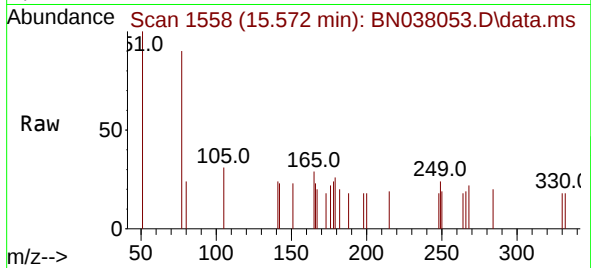




#20
4,6-Dinitro-2-methylphenol
Concen: 0.069 ng
RT: 15.572 min Scan# 1558
Delta R.T. -0.025 min
Lab File: BN038053.D
Acq: 07 Oct 2025 19:20

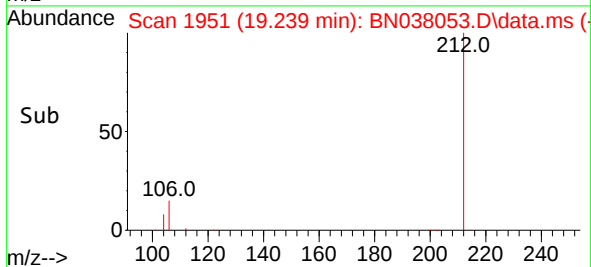
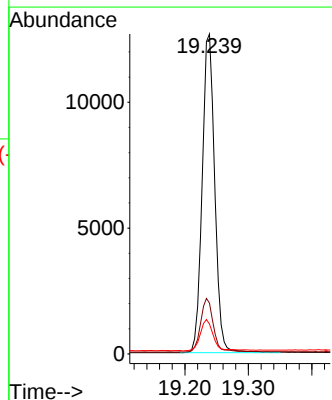
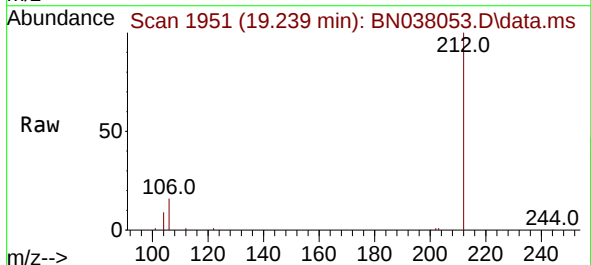
Instrument :
BNA_N
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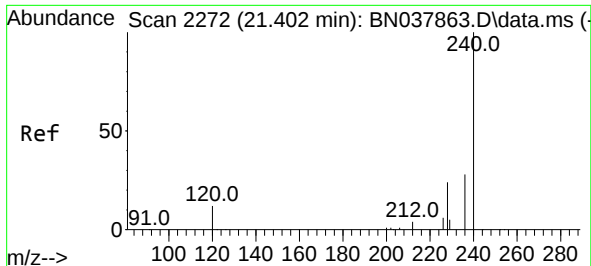
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 543.8 59.1 88.7#
105 166.7 41.3 61.9#



#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038053.D
Acq: 07 Oct 2025 19:20

Tgt Ion:212 Resp: 17381
Ion Ratio Lower Upper
212 100
106 17.0 12.6 19.0
104 10.1 7.4 11.0

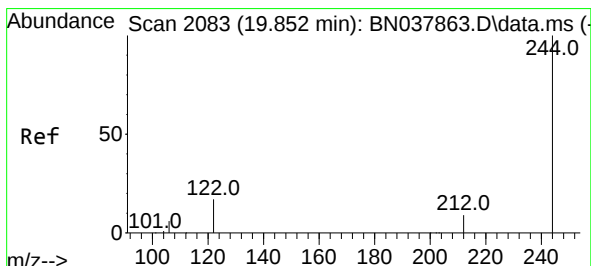
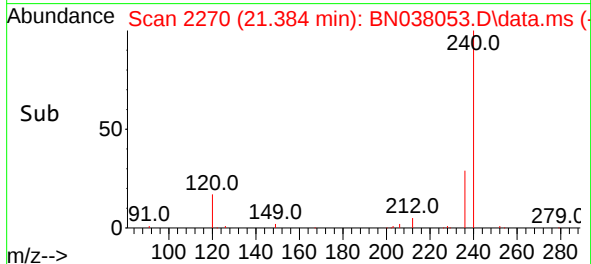
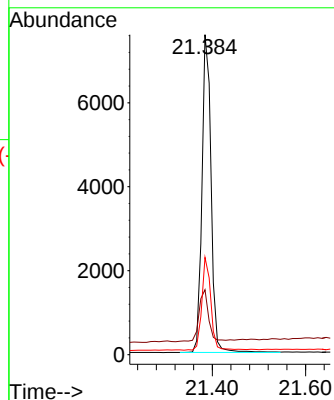
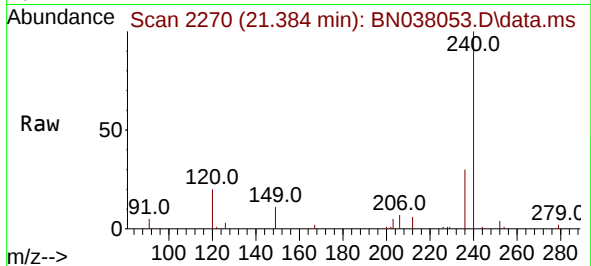




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN038053.D
Acq: 07 Oct 2025 19:20

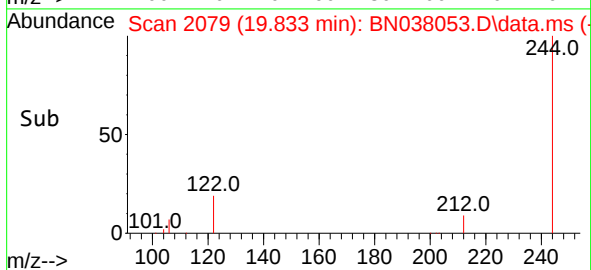
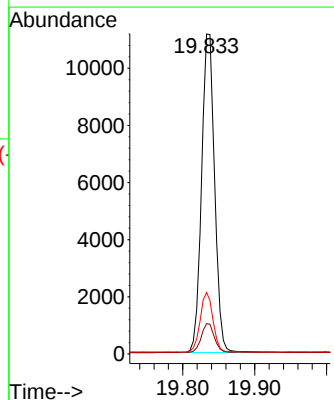
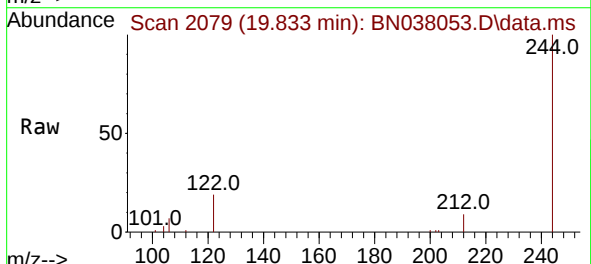
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250926

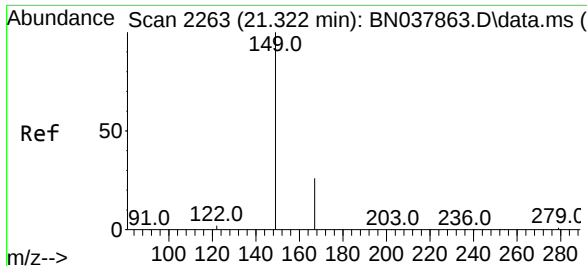
Tgt Ion:240 Resp: 10333
Ion Ratio Lower Upper
240 100
120 20.3 11.4 17.2#
236 30.4 23.0 34.6



#31
Terphenyl-d14
Concen: 0.683 ng
RT: 19.833 min Scan# 2079
Delta R.T. -0.019 min
Lab File: BN038053.D
Acq: 07 Oct 2025 19:20

Tgt Ion:244 Resp: 14055
Ion Ratio Lower Upper
244 100
212 9.4 7.6 11.4
122 19.2 13.9 20.9

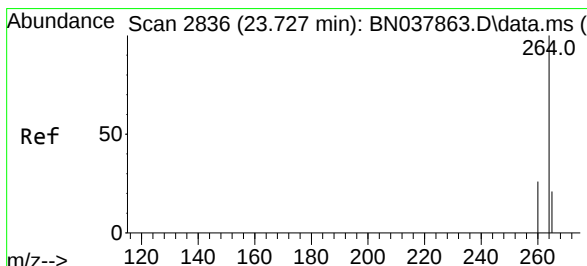
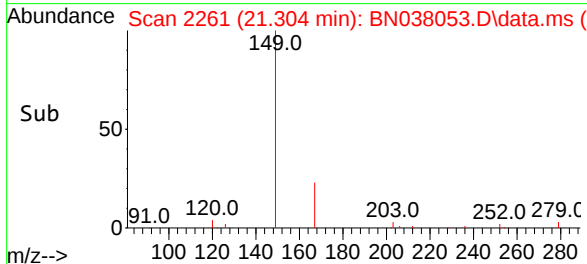
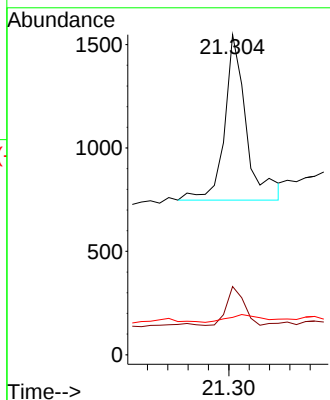
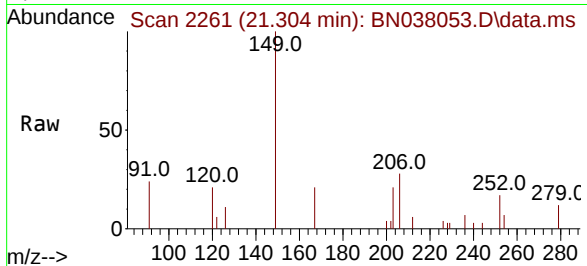




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.083 ng
RT: 21.304 min Scan# 21187
Delta R.T. -0.018 min
Lab File: BN038053.D
Acq: 07 Oct 2025 19:20

Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250926

Tgt Ion:149 Resp: 1187
Ion Ratio Lower Upper
149 100
167 19.0 20.4 30.6#
279 7.5 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.703 min Scan# 2828
Delta R.T. -0.023 min
Lab File: BN038053.D
Acq: 07 Oct 2025 19:20

Tgt Ion:264 Resp: 8163
Ion Ratio Lower Upper
264 100
260 27.6 21.5 32.3
265 117.6 53.8 80.6#

