

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
 Data File : BN038077.D
 Acq On : 13 Oct 2025 20:24
 Operator : RC/JU
 Sample : Q3324-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-184-GW-780-782

Quant Time: Oct 14 02:39:41 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)

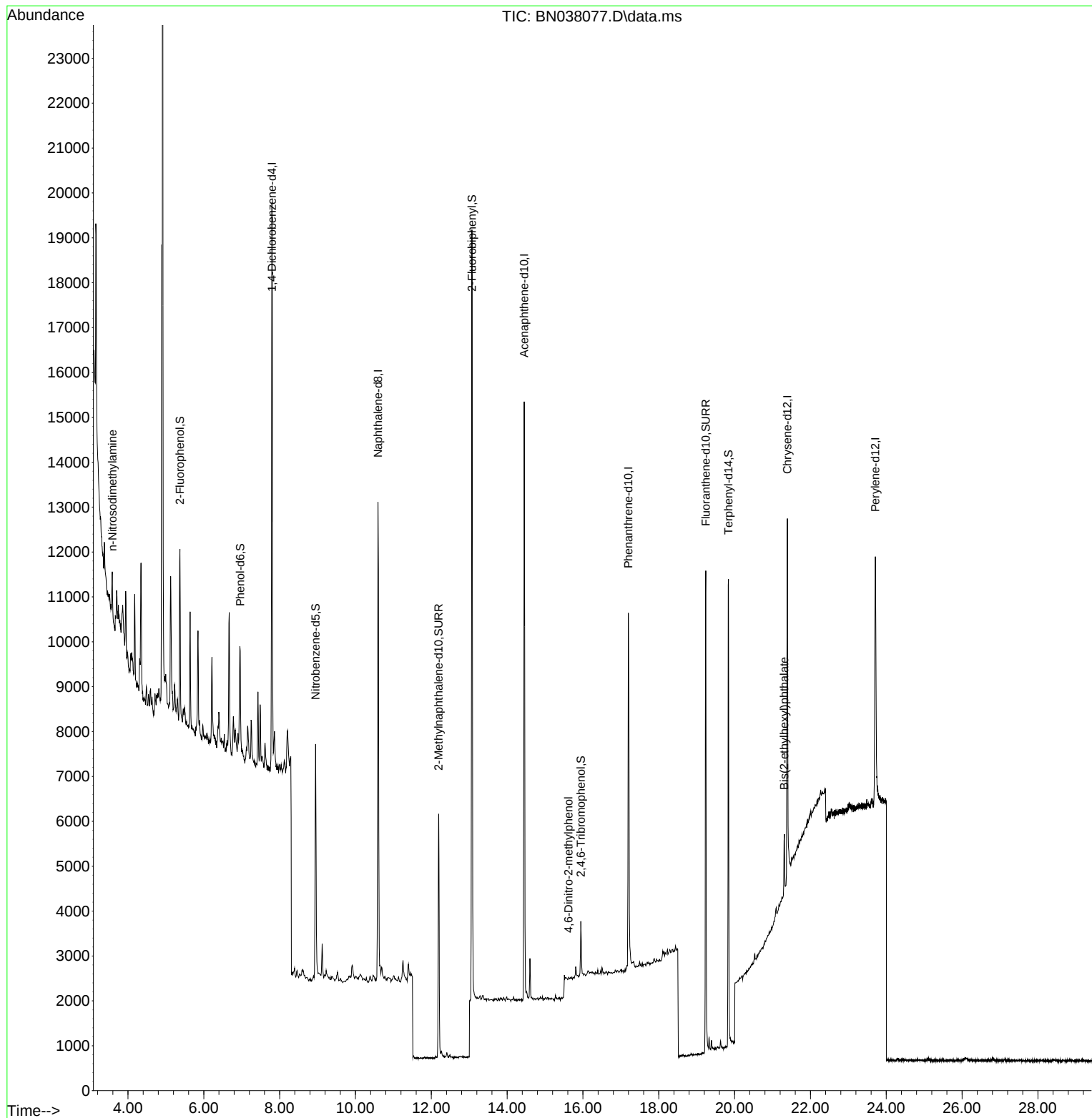
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	5800	0.400	ng	-0.03
7) Naphthalene-d8	10.594	136	14884	0.400	ng	#-0.03
13) Acenaphthene-d10	14.452	164	7288	0.400	ng	-0.02
19) Phenanthrene-d10	17.198	188	12210	0.400	ng	#-0.02
29) Chrysene-d12	21.393	240	8879	0.400	ng	# 0.00
35) Perylene-d12	23.712	264	8844	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	2906	0.220	ng	-0.01
5) Phenol-d6	6.959	99	1982	0.114	ng	-0.01
8) Nitrobenzene-d5	8.950	82	4569	0.402	ng	-0.02
11) 2-Methylnaphthalene-d10	12.192	152	7967	0.385	ng	-0.03
14) 2,4,6-Tribromophenol	15.945	330	727	0.263	ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	14723	0.493	ng	-0.02
27) Fluoranthene-d10	19.239	212	12043	0.392	ng	-0.01
31) Terphenyl-d14	19.838	244	10746	0.608	ng	-0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.593	42	166	0.021	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.622	198	7	0.072	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.313	149	1580	0.129	ng	# 98

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

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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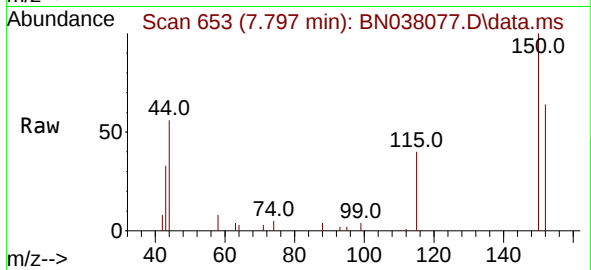
Quant Time: Oct 14 02:39:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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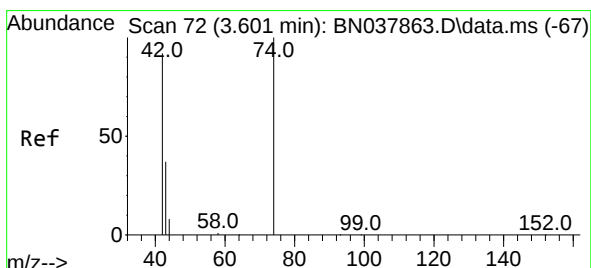
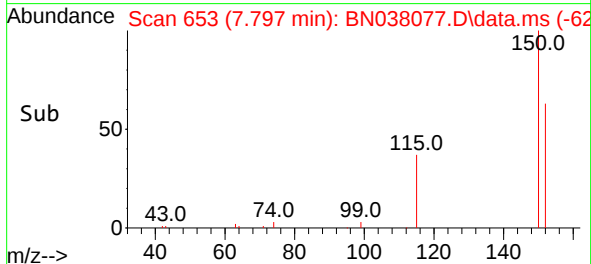
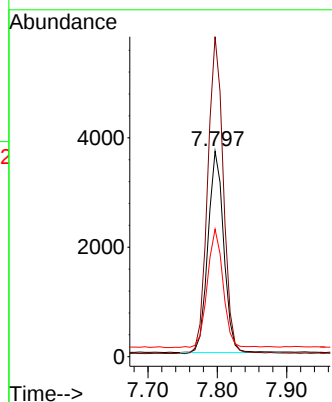


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.797 min Scan# 61
Delta R.T. -0.028 min
Lab File: BN038077.D
Acq: 13 Oct 2025 20:24

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-780-782

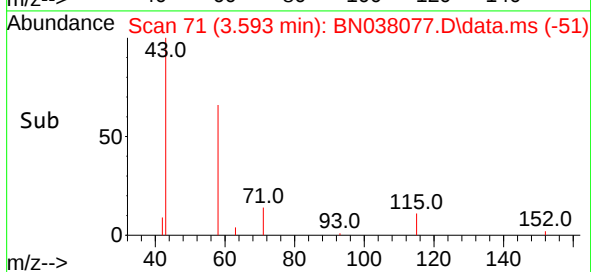
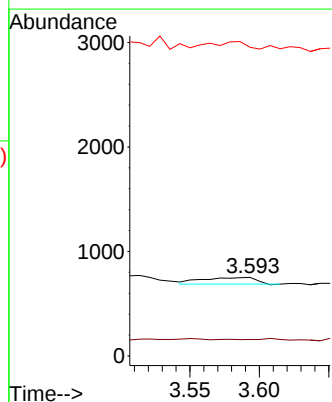
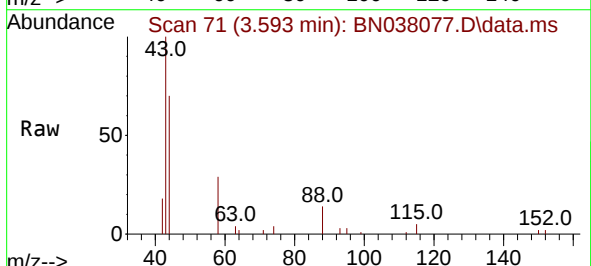


Tgt Ion:152 Resp: 5800
Ion Ratio Lower Upper
152 100
150 155.8 121.0 181.4
115 62.1 47.4 71.0



#3
n-Nitrosodimethylamine
Concen: 0.021 ng
RT: 3.593 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN038077.D
Acq: 13 Oct 2025 20:24

Tgt Ion: 42 Resp: 166
Ion Ratio Lower Upper
42 100
74 0.0 93.4 140.0#
44 76.5 22.2 33.4#

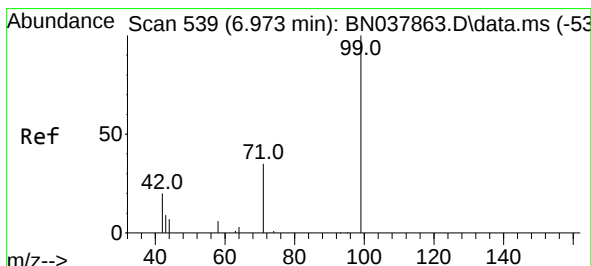
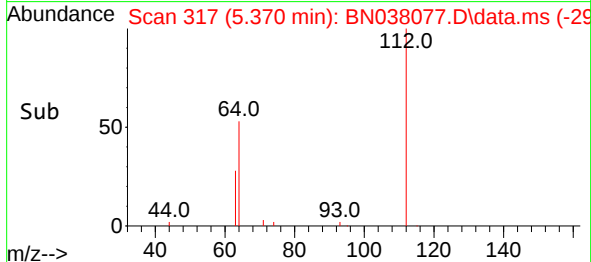
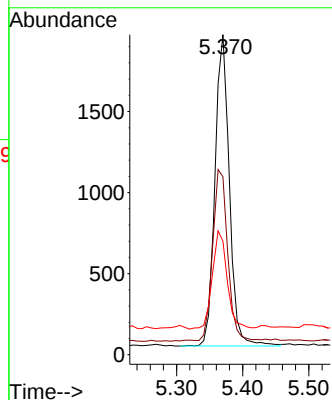
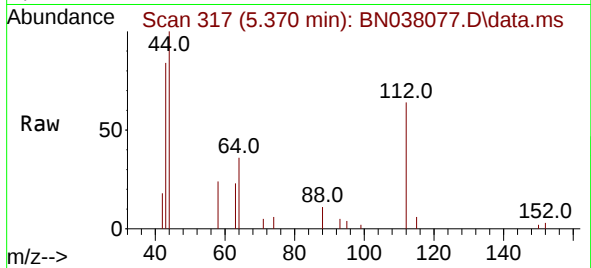




#4
2-Fluorophenol
Concen: 0.220 ng
RT: 5.370 min Scan# 31
Delta R.T. -0.014 min
Lab File: BN038077.D
Acq: 13 Oct 2025 20:24

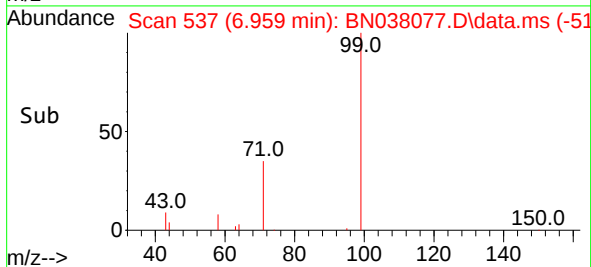
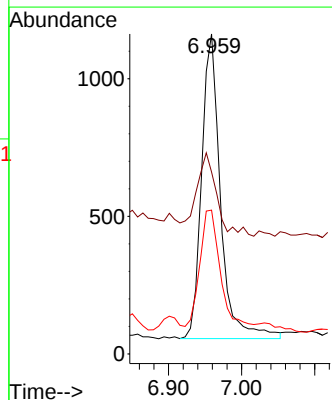
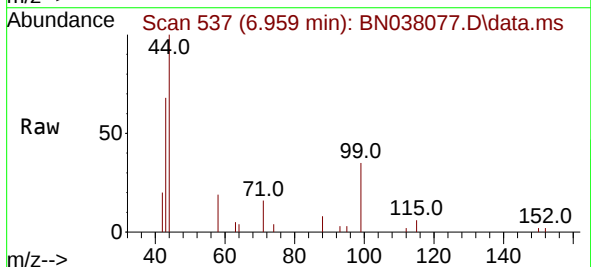
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-780-782

Tgt Ion:112 Resp: 2906
Ion Ratio Lower Upper
112 100
64 58.0 44.6 66.8
63 32.3 24.9 37.3



#5
Phenol-d6
Concen: 0.114 ng
RT: 6.959 min Scan# 537
Delta R.T. -0.014 min
Lab File: BN038077.D
Acq: 13 Oct 2025 20:24

Tgt Ion: 99 Resp: 1982
Ion Ratio Lower Upper
99 100
42 30.0 17.2 25.8#
71 40.2 27.3 40.9

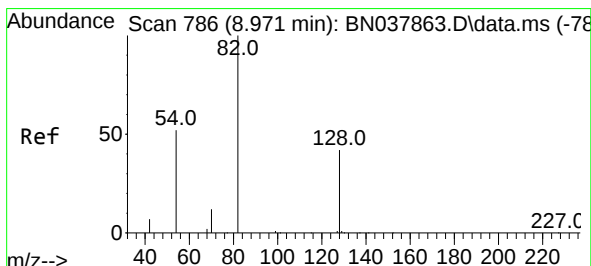
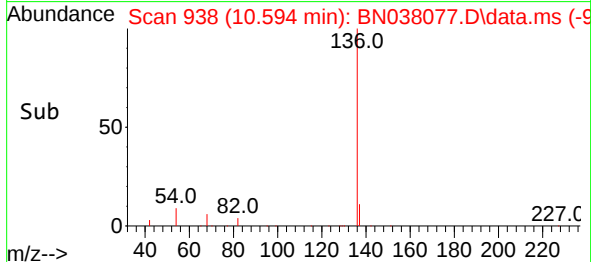
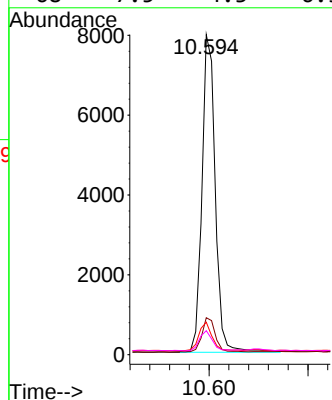
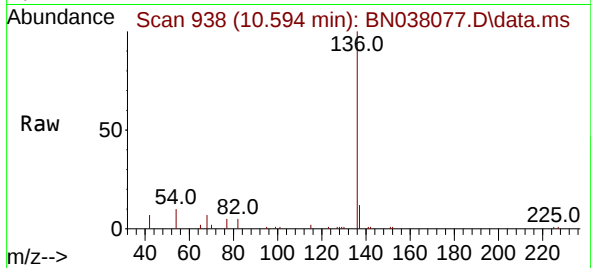




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 91
Delta R.T. -0.032 min
Lab File: BN038077.D
Acq: 13 Oct 2025 20:24

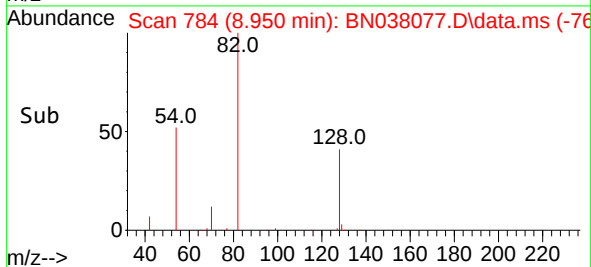
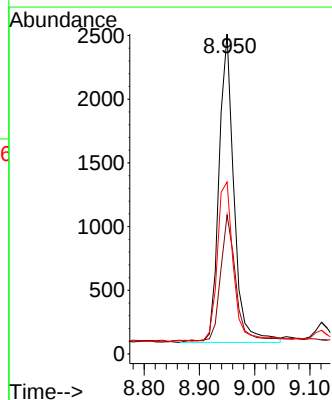
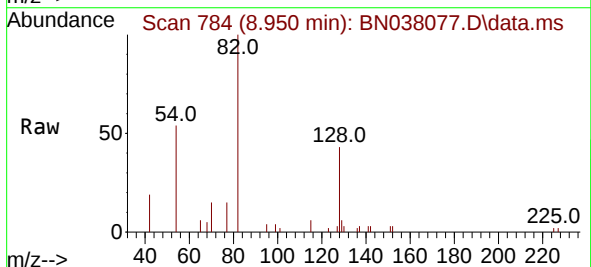
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-780-782

Tgt Ion:136	Resp:	14884
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.0 13.4
54	10.2	5.8 8.8#
68	7.5	4.3 6.5#



#8
Nitrobenzene-d5
Concen: 0.402 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038077.D
Acq: 13 Oct 2025 20:24

Tgt Ion: 82	Resp:	4569
Ion Ratio	Lower	Upper
82	100	
128	43.4	34.8 52.2
54	53.8	42.2 63.2

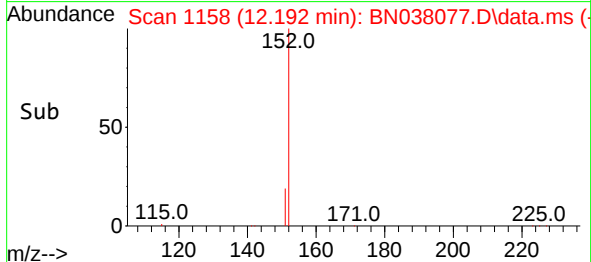
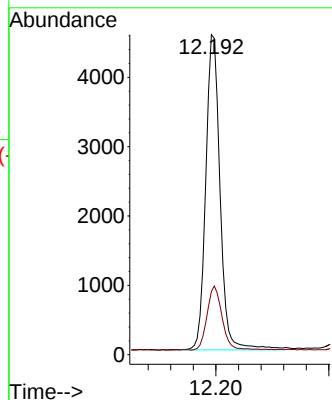
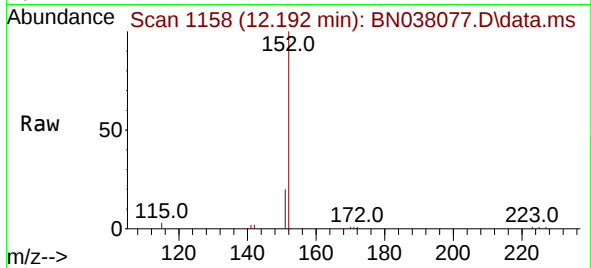




#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 12.192 min Scan# 1163
Delta R.T. -0.025 min
Lab File: BN038077.D
Acq: 13 Oct 2025 20:24

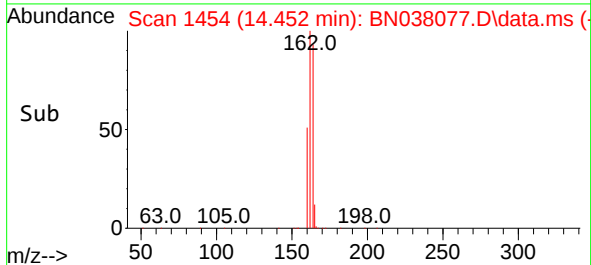
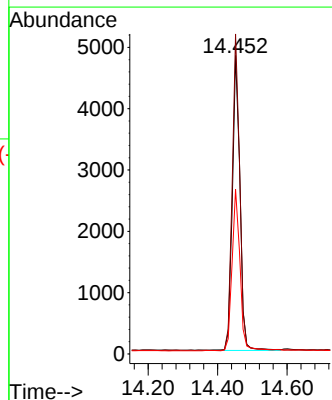
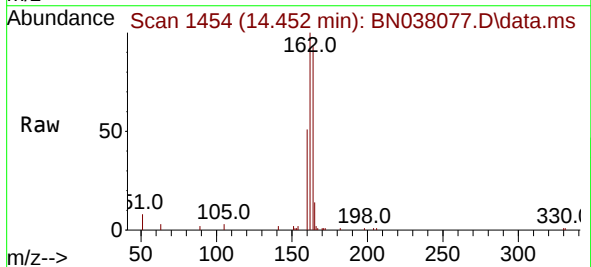
Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-780-782

Tgt Ion:152 Resp: 7967
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# 1454
Delta R.T. -0.021 min
Lab File: BN038077.D
Acq: 13 Oct 2025 20:24

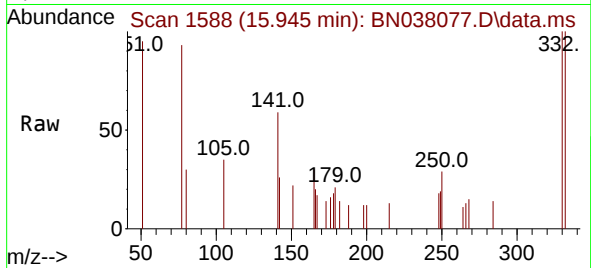
Tgt Ion:164 Resp: 7288
Ion Ratio Lower Upper
164 100
162 107.2 84.8 127.2
160 55.2 46.1 69.1



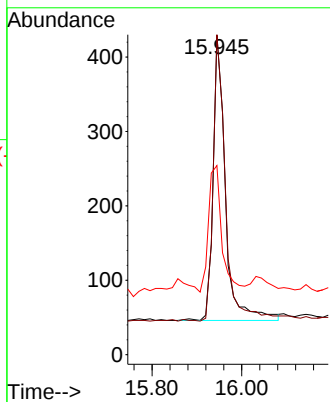
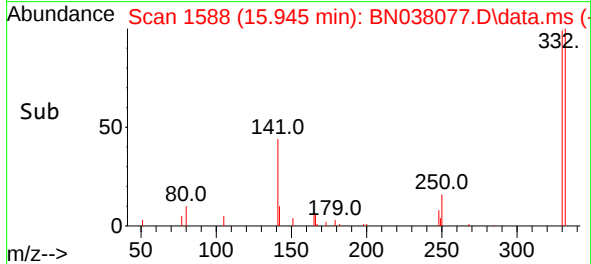


#14
 2,4,6-Tribromophenol
 Concen: 0.263 ng
 RT: 15.945 min Scan# 1588
 Delta R.T. -0.024 min
 Lab File: BN038077.D
 Acq: 13 Oct 2025 20:24

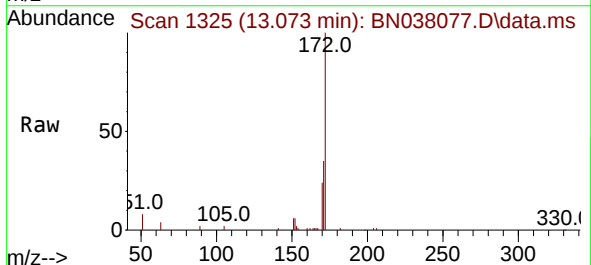
Instrument :
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 ClientSampleId :
 BP-VPB-184-GW-780-782



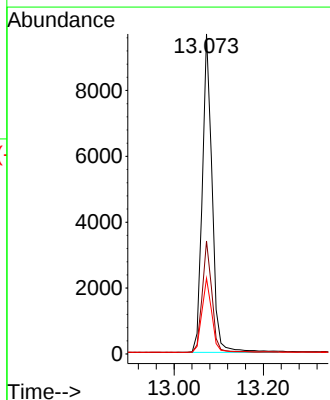
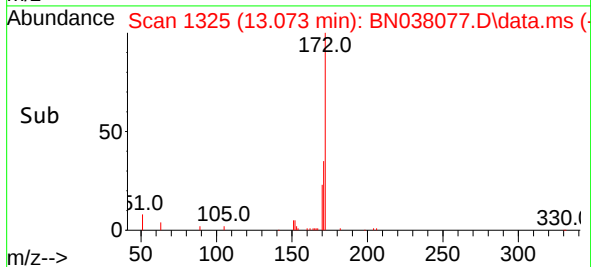
Tgt Ion:330 Resp: 727
 Ion Ratio Lower Upper
 330 100
 332 100.6 77.2 115.8
 141 48.4 37.2 55.8

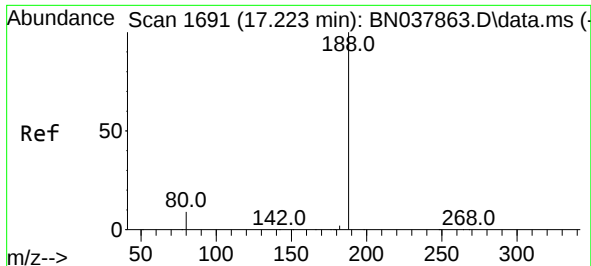


#15
 2-Fluorobiphenyl
 Concen: 0.493 ng
 RT: 13.073 min Scan# 1325
 Delta R.T. -0.021 min
 Lab File: BN038077.D
 Acq: 13 Oct 2025 20:24



Tgt Ion:172 Resp: 14723
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.7 19.7 29.5

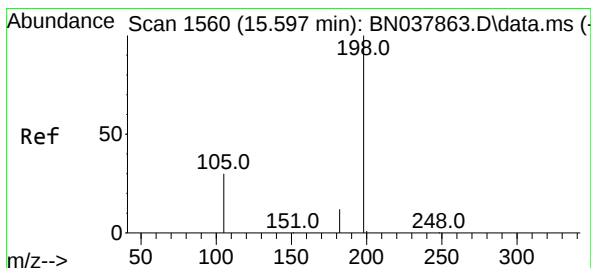
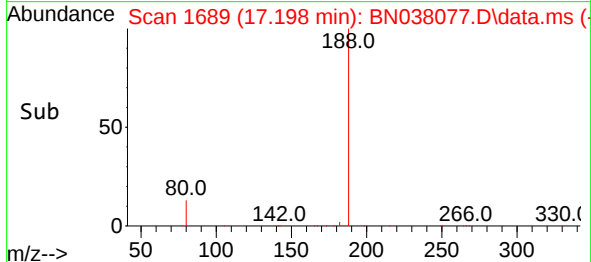
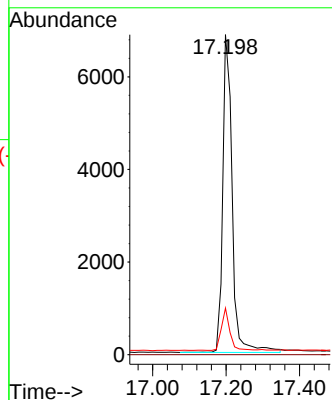
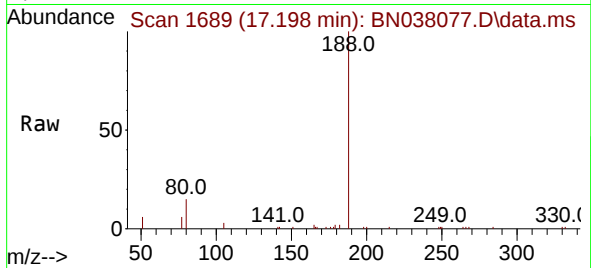




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 1689
Delta R.T. -0.025 min
Lab File: BN038077.D
Acq: 13 Oct 2025 20:24

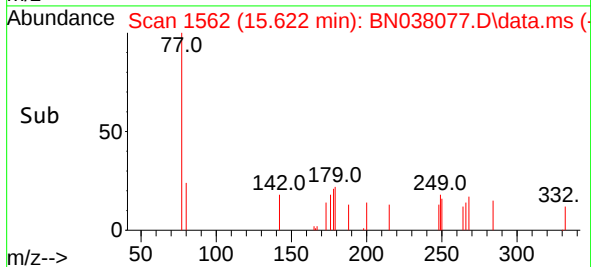
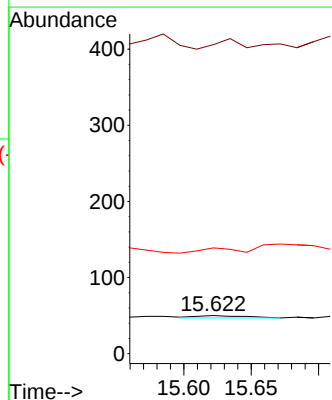
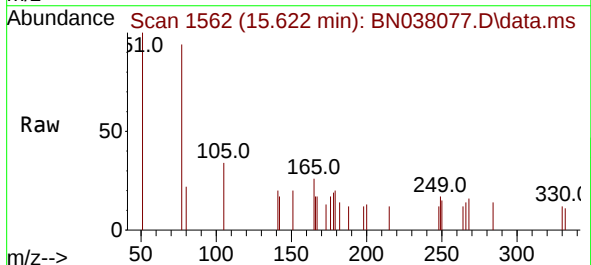
Instrument :
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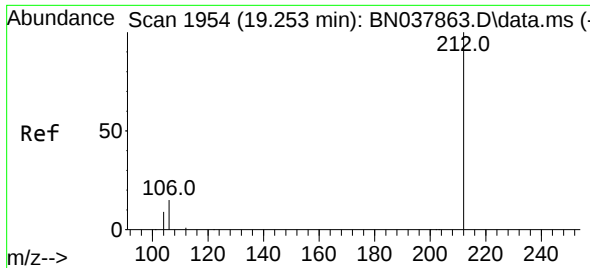
Tgt Ion:188 Resp: 12210
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.6 7.6 11.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.072 ng
RT: 15.622 min Scan# 1562
Delta R.T. 0.025 min
Lab File: BN038077.D
Acq: 13 Oct 2025 20:24

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 812.0 59.1 88.7#
105 278.0 41.3 61.9#

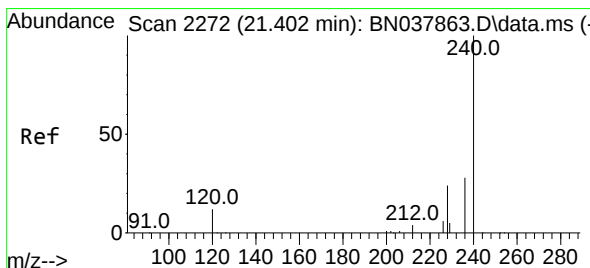
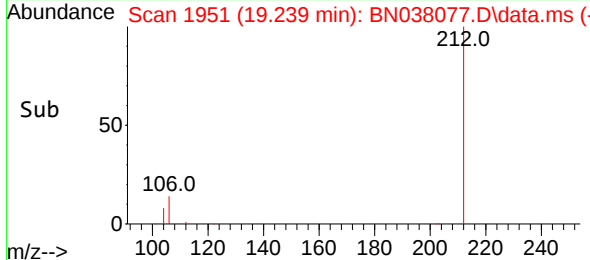
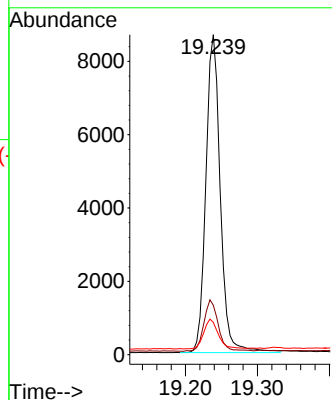
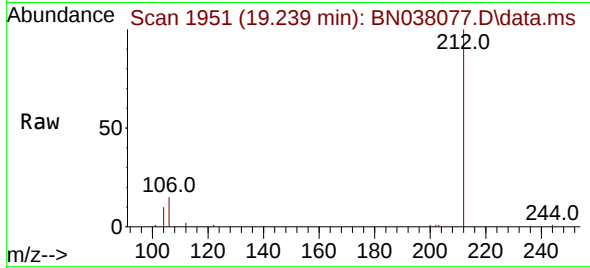




#27
Fluoranthene-d10
Concen: 0.392 ng
RT: 19.239 min Scan# 1951
Delta R.T. -0.014 min
Lab File: BN038077.D
Acq: 13 Oct 2025 20:24

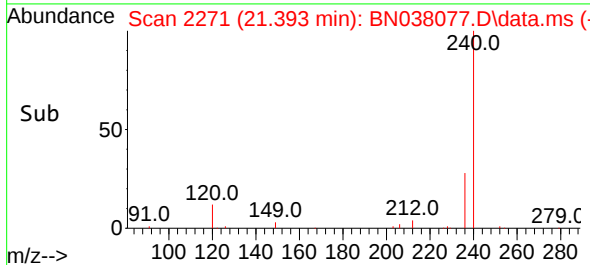
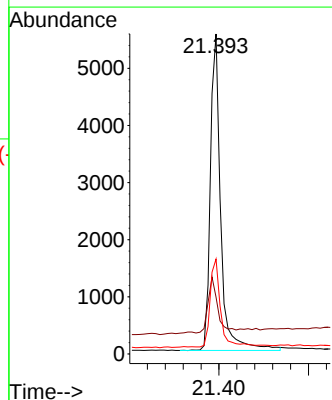
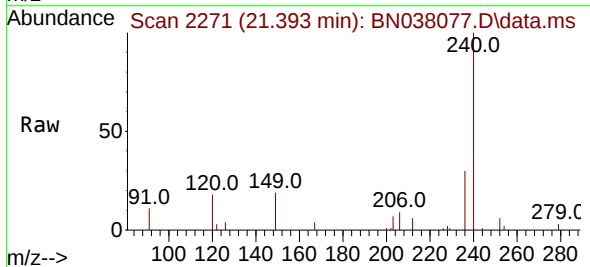
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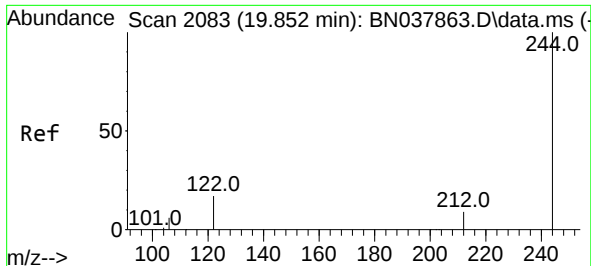
Tgt Ion:212 Resp: 12043
Ion Ratio Lower Upper
212 100
106 16.2 12.6 19.0
104 9.6 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN038077.D
Acq: 13 Oct 2025 20:24

Tgt Ion:240 Resp: 8879
Ion Ratio Lower Upper
240 100
120 17.8 11.4 17.2#
236 29.6 23.0 34.6

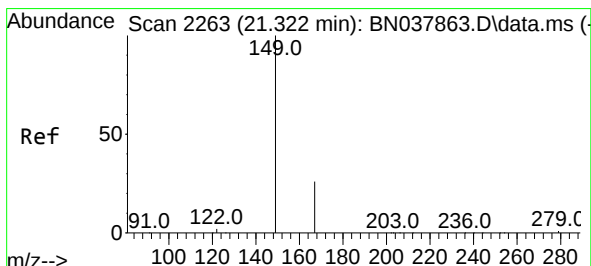
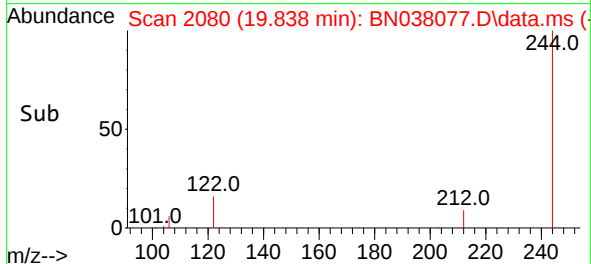
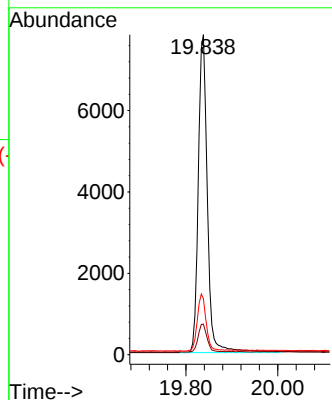
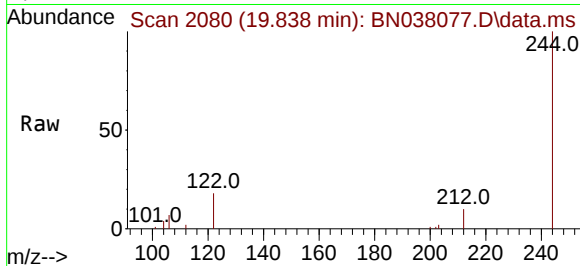




#31
 Terphenyl-d14
 Concen: 0.608 ng
 RT: 19.838 min Scan# 2080
 Delta R.T. -0.014 min
 Lab File: BN038077.D
 Acq: 13 Oct 2025 20:24

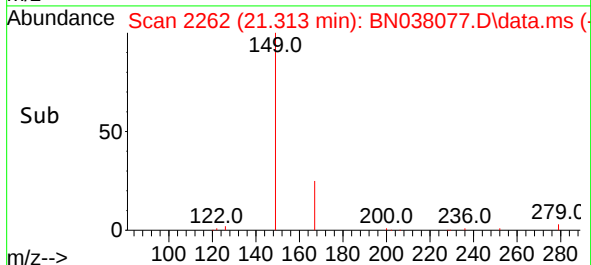
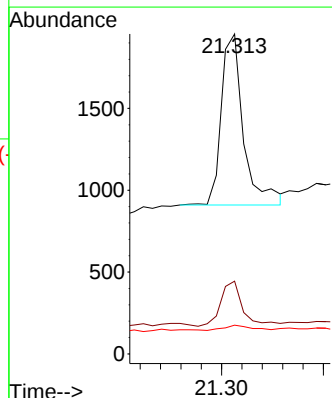
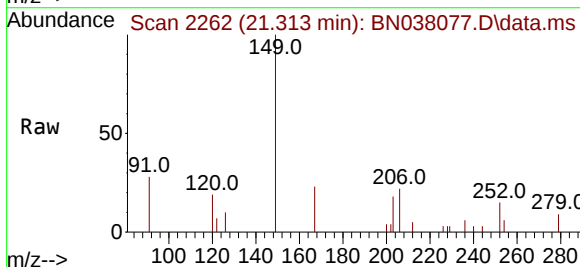
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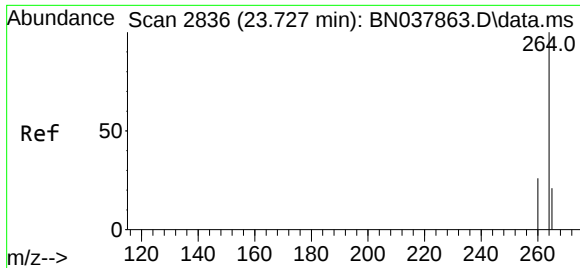
Tgt Ion:244 Resp: 10746
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.6 11.4
 122 17.5 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.129 ng
 RT: 21.313 min Scan# 2262
 Delta R.T. -0.009 min
 Lab File: BN038077.D
 Acq: 13 Oct 2025 20:24

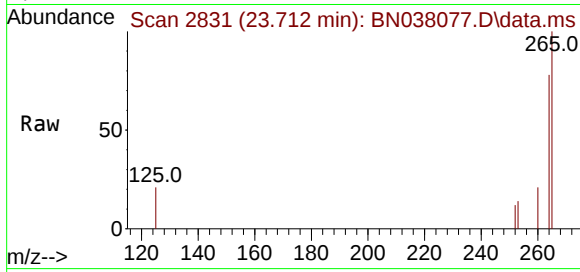
Tgt Ion:149 Resp: 1580
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.4 30.6
 279 3.8 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.712 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN038077.D
Acq: 13 Oct 2025 20:24

Instrument :
BNA_N
ClientSampleId :
BP-VPB-184-GW-780-782



Tgt Ion:264 Resp: 8844

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.5	32.3
265	127.5	53.8	80.6#

