

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037768.D
 Acq On : 18 Sep 2025 08:11
 Operator : RC/JU
 Sample : Q3095-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW178S-20250910

Quant Time: Sep 18 08:46:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

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

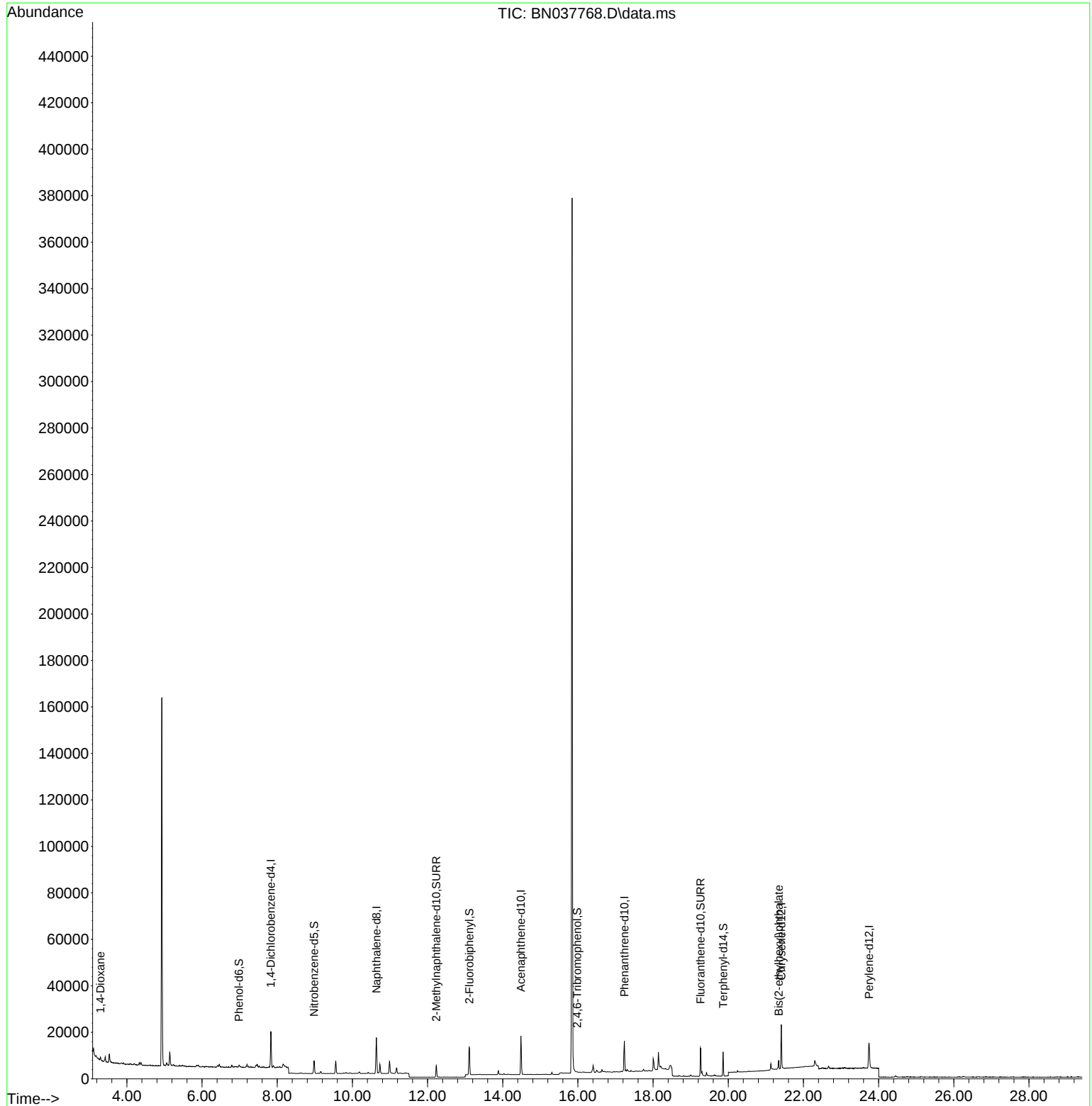
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	7451	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	19960	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	9139	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	17489	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	16160	0.400	ng	0.00
35) Perylene-d12	23.744	264	15607	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	323	0.019	ng	0.00
5) Phenol-d6	6.980	99	674	0.030	ng	0.00
8) Nitrobenzene-d5	8.982	82	4143	0.284	ng	-0.01
11) 2-Methylnaphthalene-d10	12.233	152	6791	0.257	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	68	0.029	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	10809	0.283	ng	0.00
27) Fluoranthene-d10	19.262	212	13318	0.303	ng	0.00
31) Terphenyl-d14	19.861	244	9643	0.294	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	855	0.110	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.340	149	3845	0.230	ng	100

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

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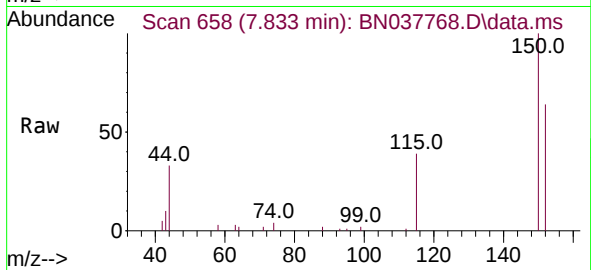
Quant Time: Sep 18 08:46:04 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



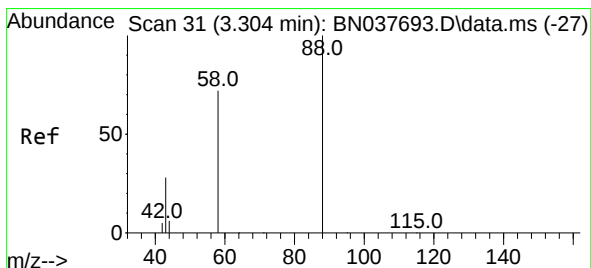
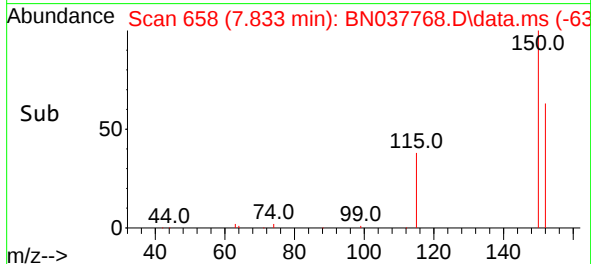
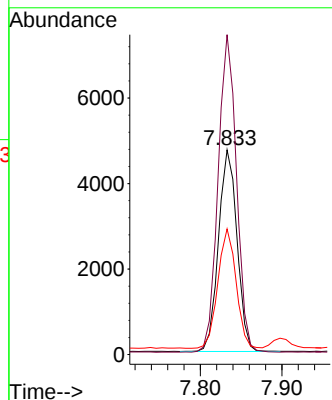


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037768.D
Acq: 18 Sep 2025 08:11

Instrument :
BNA_N
ClientSampleId :
MW178S-20250910

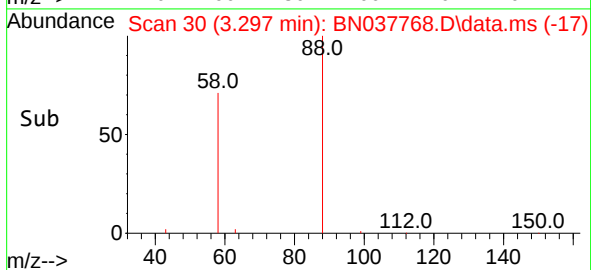
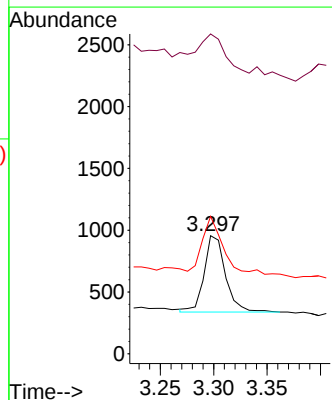
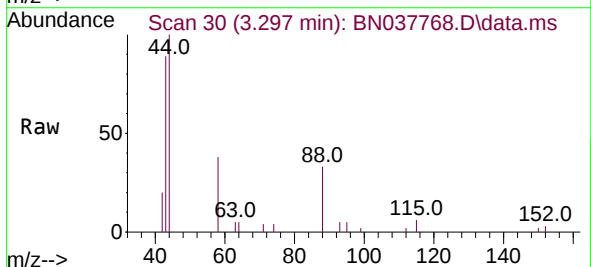


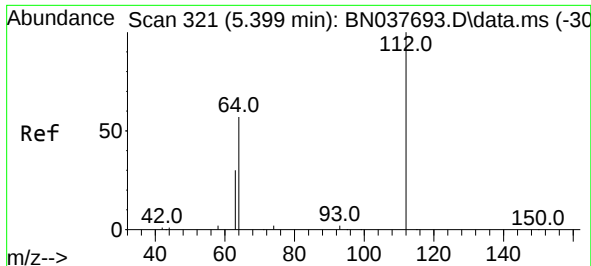
Tgt Ion:152 Resp: 7451
Ion Ratio Lower Upper
152 100
150 156.3 124.5 186.7
115 61.4 49.2 73.8



#2
1,4-Dioxane
Concen: 0.110 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN037768.D
Acq: 18 Sep 2025 08:11

Tgt Ion: 88 Resp: 855
Ion Ratio Lower Upper
88 100
43 62.8 26.8 40.2#
58 82.0 61.9 92.9

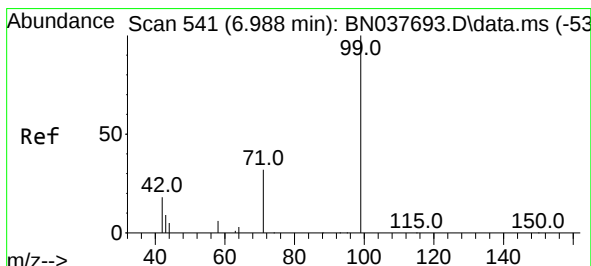
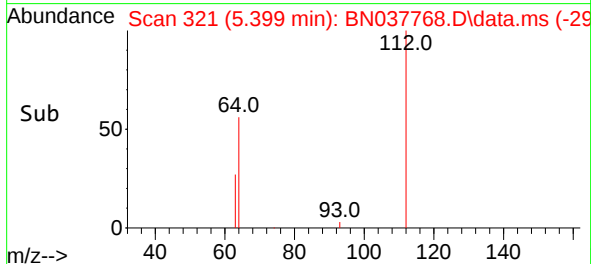
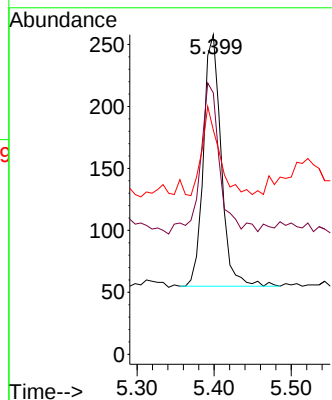
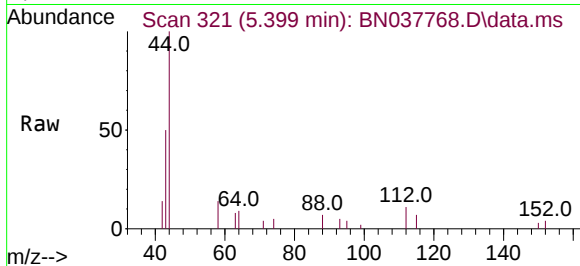




#4
2-Fluorophenol
Concen: 0.019 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037768.D
Acq: 18 Sep 2025 08:11

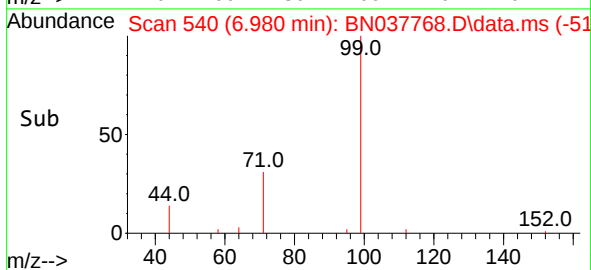
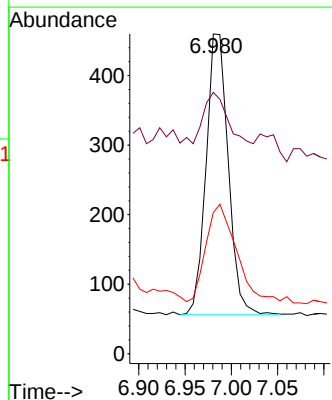
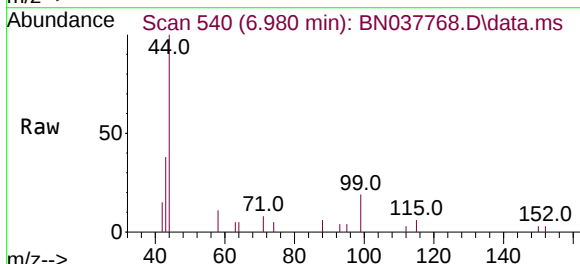
Instrument :
BNA_N
ClientSampleId :
MW178S-20250910

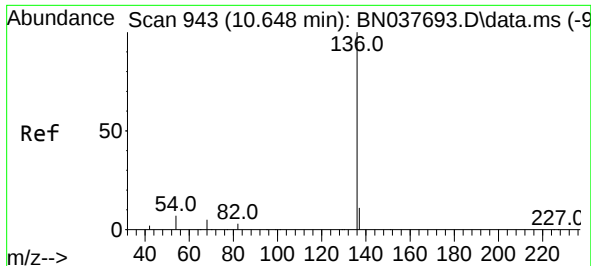
Tgt Ion:112 Resp: 323
Ion Ratio Lower Upper
112 100
64 67.8 44.9 67.3#
63 34.4 24.7 37.1



#5
Phenol-d6
Concen: 0.030 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037768.D
Acq: 18 Sep 2025 08:11

Tgt Ion: 99 Resp: 674
Ion Ratio Lower Upper
99 100
42 23.4 16.6 24.8
71 50.1 26.7 40.1#

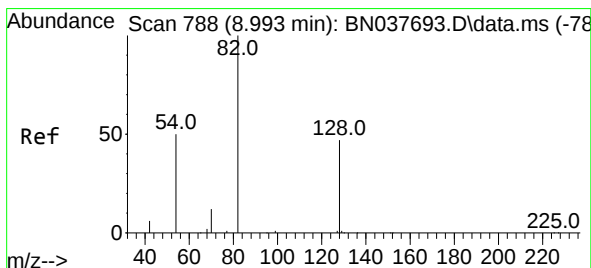
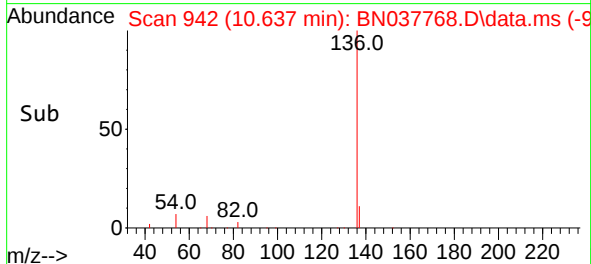
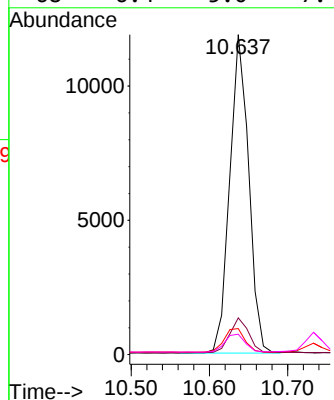
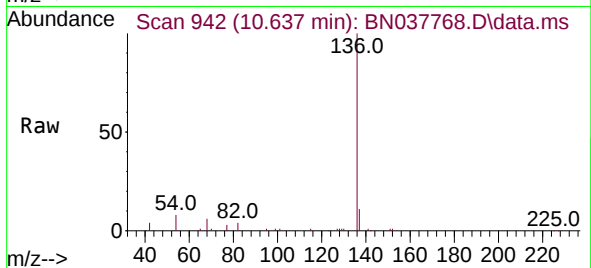




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037768.D
Acq: 18 Sep 2025 08:11

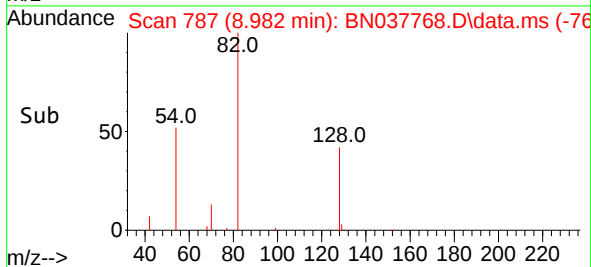
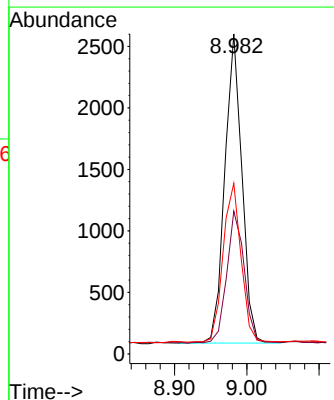
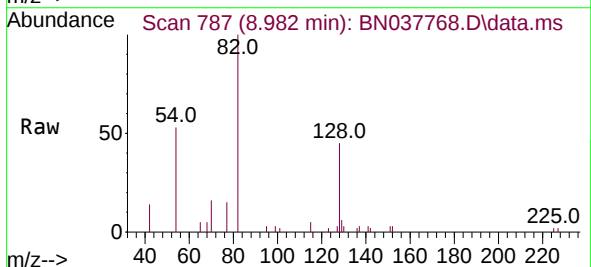
Instrument :
BNA_N
ClientSampleId :
MW178S-20250910

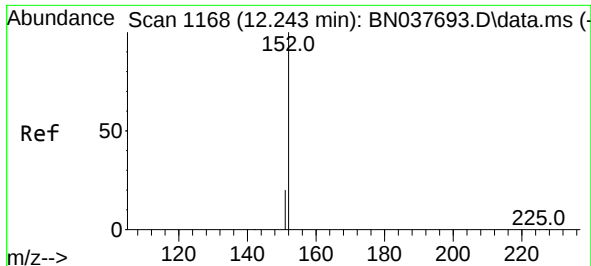
Tgt Ion:136	Resp:	19960
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.1 13.7
54	8.1	6.3 9.5
68	6.4	5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.284 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037768.D
Acq: 18 Sep 2025 08:11

Tgt Ion: 82	Resp:	4143
Ion Ratio	Lower	Upper
82	100	
128	44.6	38.3 57.5
54	53.3	41.4 62.2

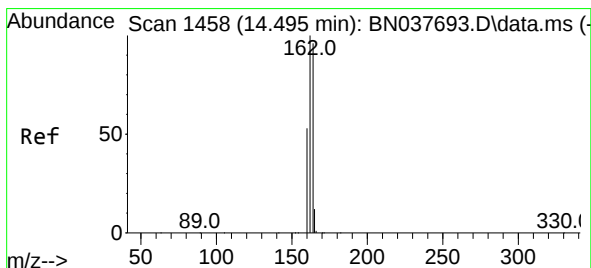
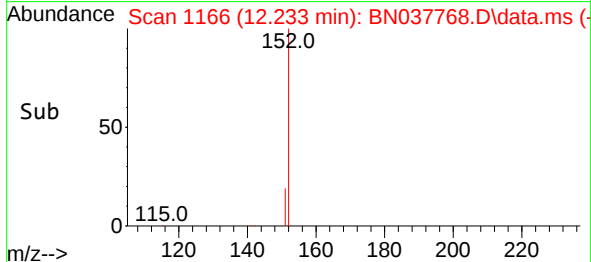
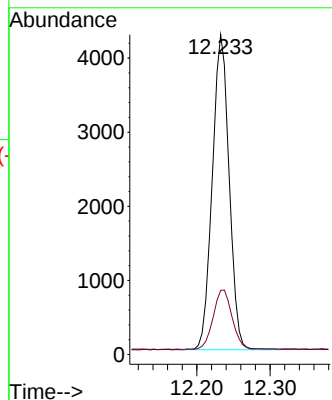
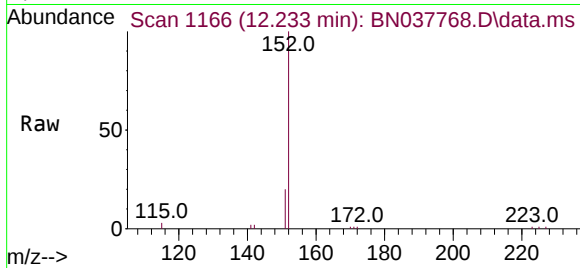




#11
2-Methylnaphthalene-d10
Concen: 0.257 ng
RT: 12.233 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037768.D
Acq: 18 Sep 2025 08:11

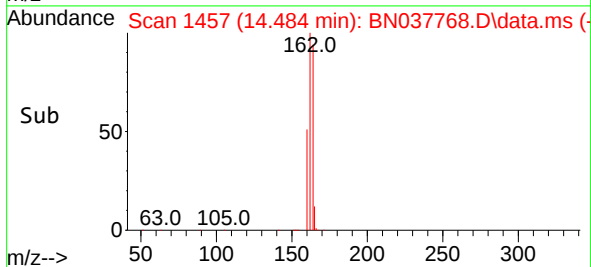
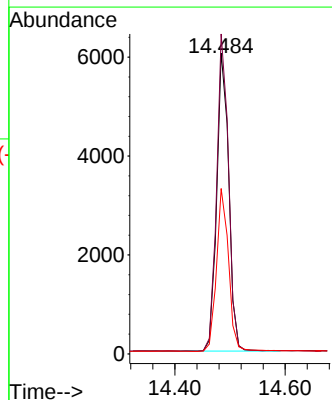
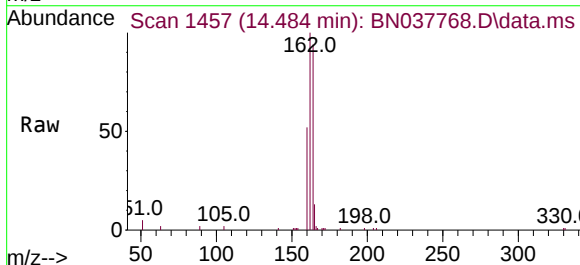
Instrument :
BNA_N
ClientSampleId :
MW178S-20250910

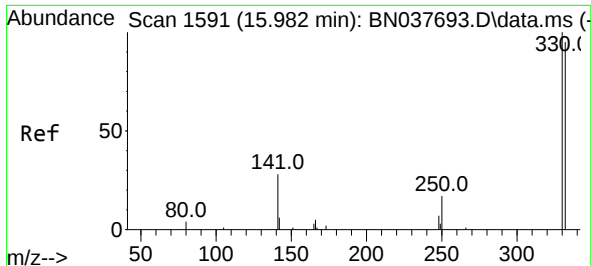
Tgt Ion:152 Resp: 6791
Ion Ratio Lower Upper
152 100
151 21.4 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037768.D
Acq: 18 Sep 2025 08:11

Tgt Ion:164 Resp: 9139
Ion Ratio Lower Upper
164 100
162 106.4 83.1 124.7
160 55.0 44.3 66.5

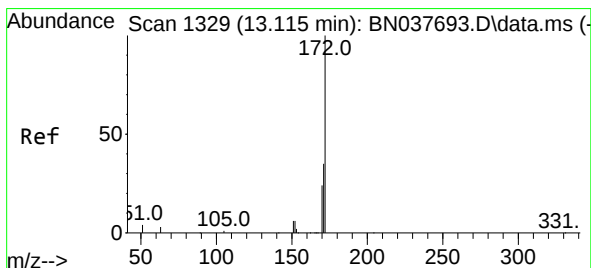
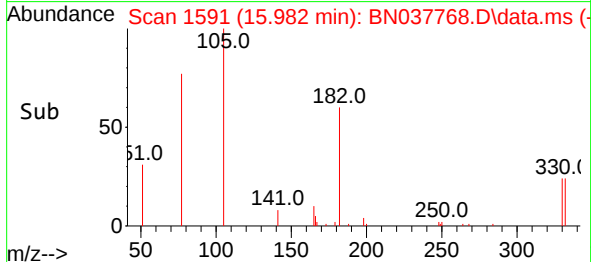
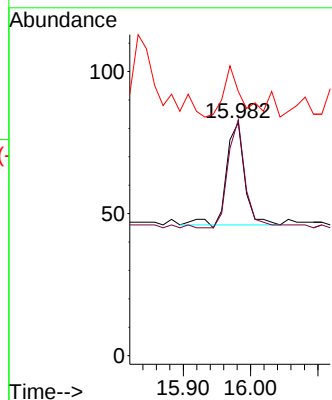
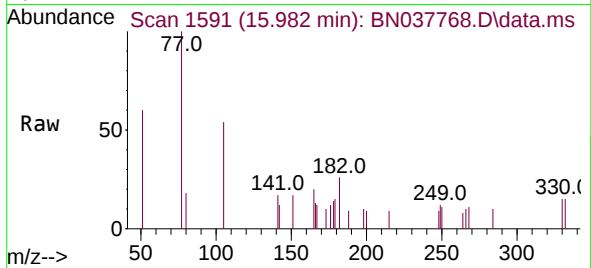




#14
2,4,6-Tribromophenol
Concen: 0.029 ng
RT: 15.982 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037768.D
Acq: 18 Sep 2025 08:11

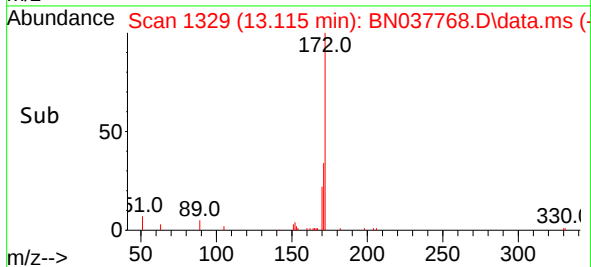
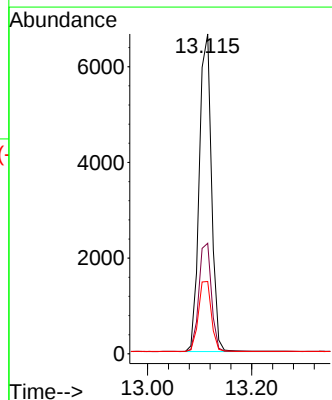
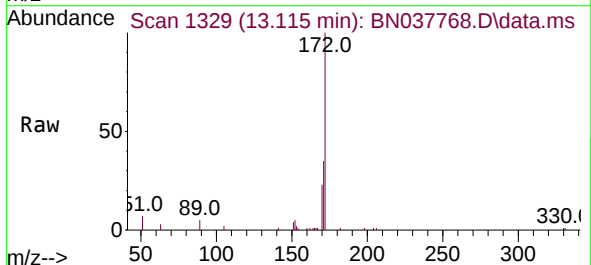
Instrument :
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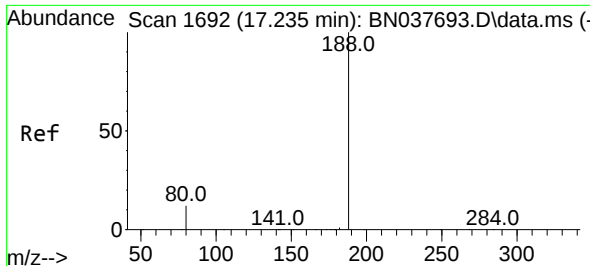
Tgt Ion: 330 Resp: 68
Ion Ratio Lower Upper
330 100
332 102.9 75.3 112.9
141 51.5 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.283 ng
RT: 13.115 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BN037768.D
Acq: 18 Sep 2025 08:11

Tgt Ion: 172 Resp: 10809
Ion Ratio Lower Upper
172 100
171 34.6 28.6 43.0
170 22.6 19.8 29.8

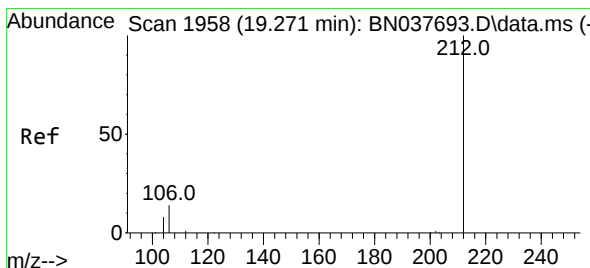
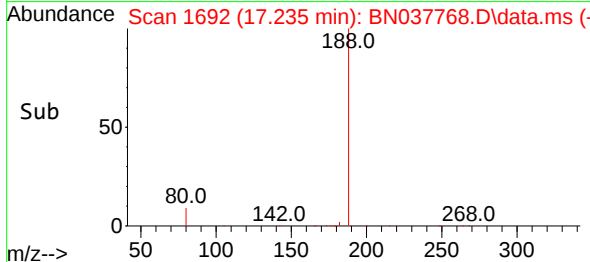
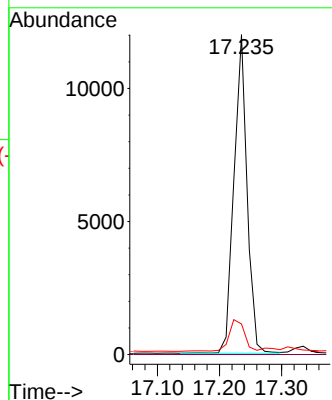
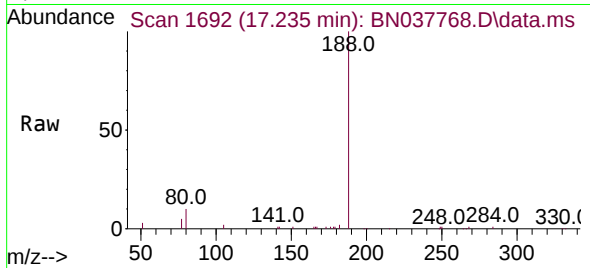




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037768.D
Acq: 18 Sep 2025 08:11

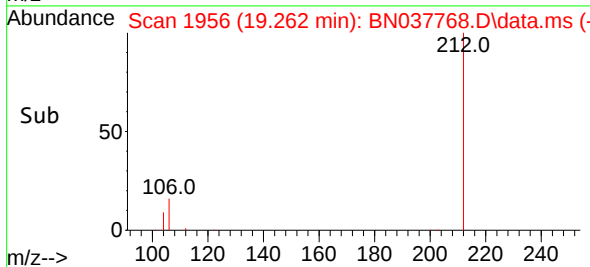
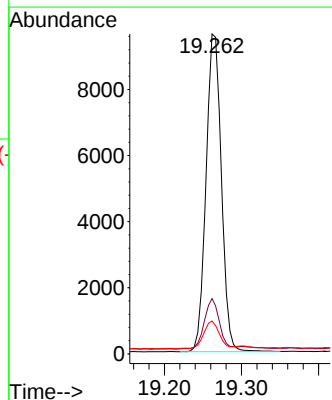
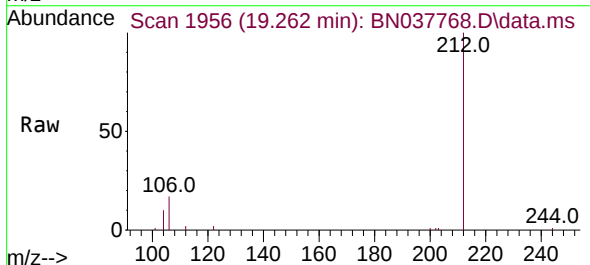
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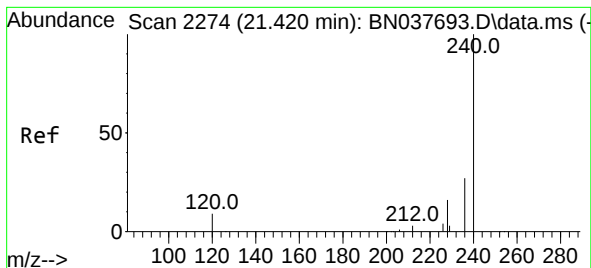
Tgt Ion:188 Resp: 17489
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.303 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037768.D
Acq: 18 Sep 2025 08:11

Tgt Ion:212 Resp: 13318
Ion Ratio Lower Upper
212 100
106 15.7 12.2 18.2
104 8.9 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.411 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037768.D

Acq: 18 Sep 2025 08:11

Instrument :

BNA_N

ClientSampleId :

MW178S-20250910

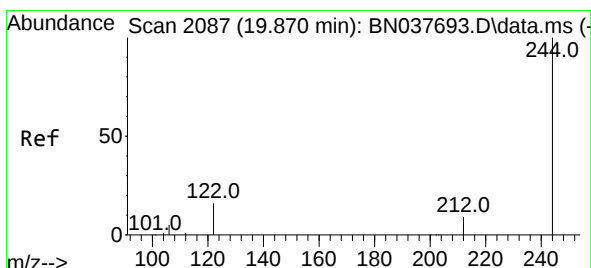
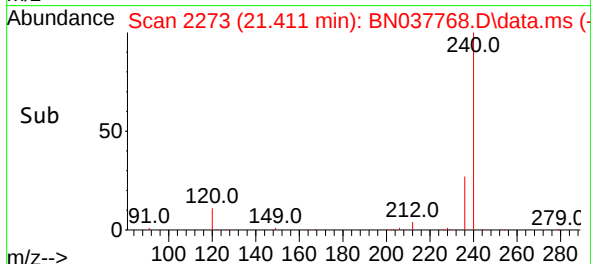
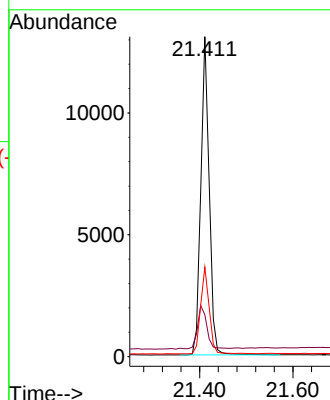
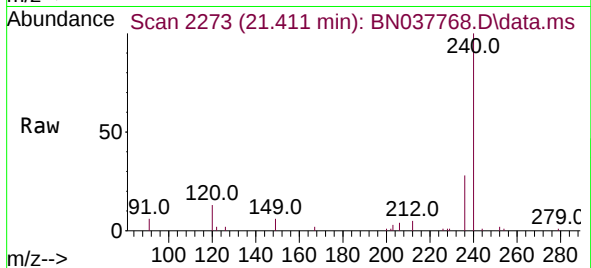
Tgt Ion:240 Resp: 16160

Ion Ratio Lower Upper

240 100

120 13.1 9.2 13.8

236 28.0 22.6 33.8



#31

Terphenyl-d14

Concen: 0.294 ng

RT: 19.861 min Scan# 2085

Delta R.T. -0.009 min

Lab File: BN037768.D

Acq: 18 Sep 2025 08:11

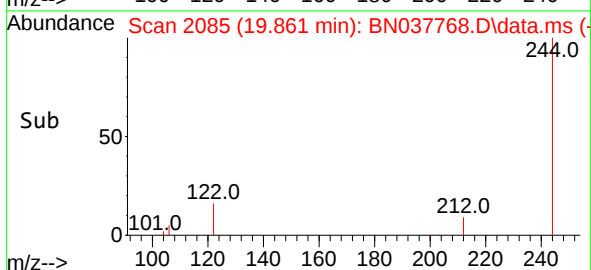
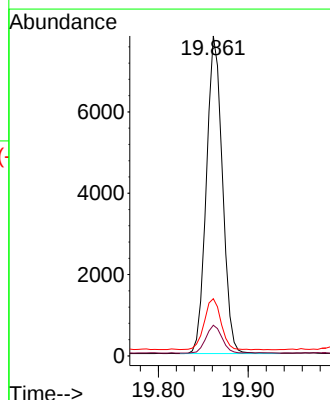
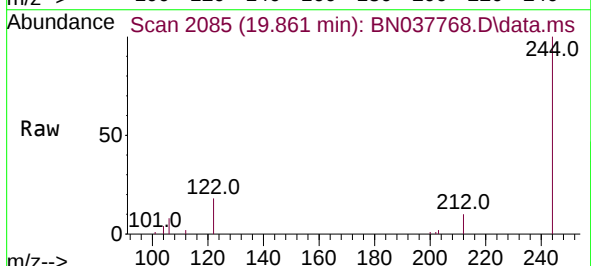
Tgt Ion:244 Resp: 9643

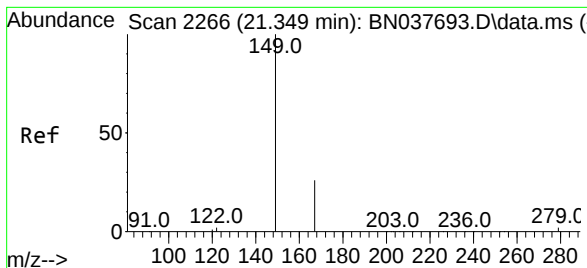
Ion Ratio Lower Upper

244 100

212 9.6 7.5 11.3

122 17.9 13.2 19.8

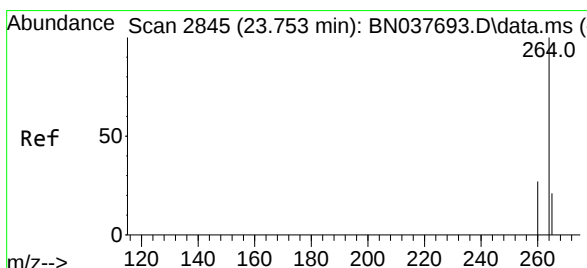
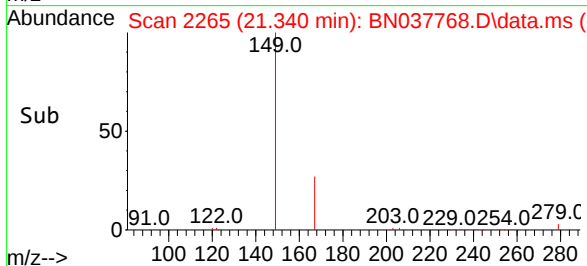
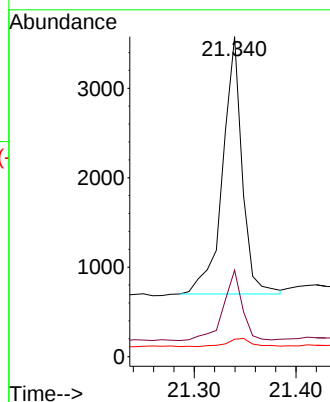
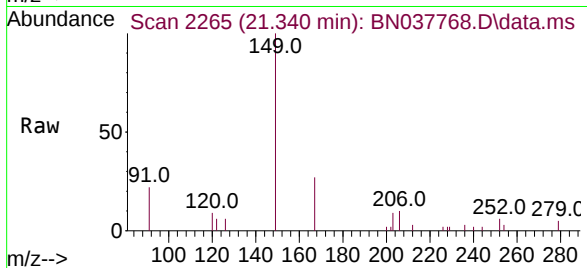




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.230 ng
 RT: 21.340 min Scan# 2134
 Delta R.T. -0.009 min
 Lab File: BN037768.D
 Acq: 18 Sep 2025 08:11

Instrument :
 BNA_N
 ClientSampleId :
 MW178S-20250910

Tgt Ion:149 Resp: 3845
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.8 31.2
 279 3.9 3.3 4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.744 min Scan# 2842
 Delta R.T. -0.009 min
 Lab File: BN037768.D
 Acq: 18 Sep 2025 08:11

Tgt Ion:264 Resp: 15607
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.8 32.8
 265 60.0 39.4 59.2#

