

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037778.D
 Acq On : 18 Sep 2025 15:47
 Operator : RC/JU
 Sample : Q3097-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20250911

Quant Time: Sep 18 16:12:46 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)

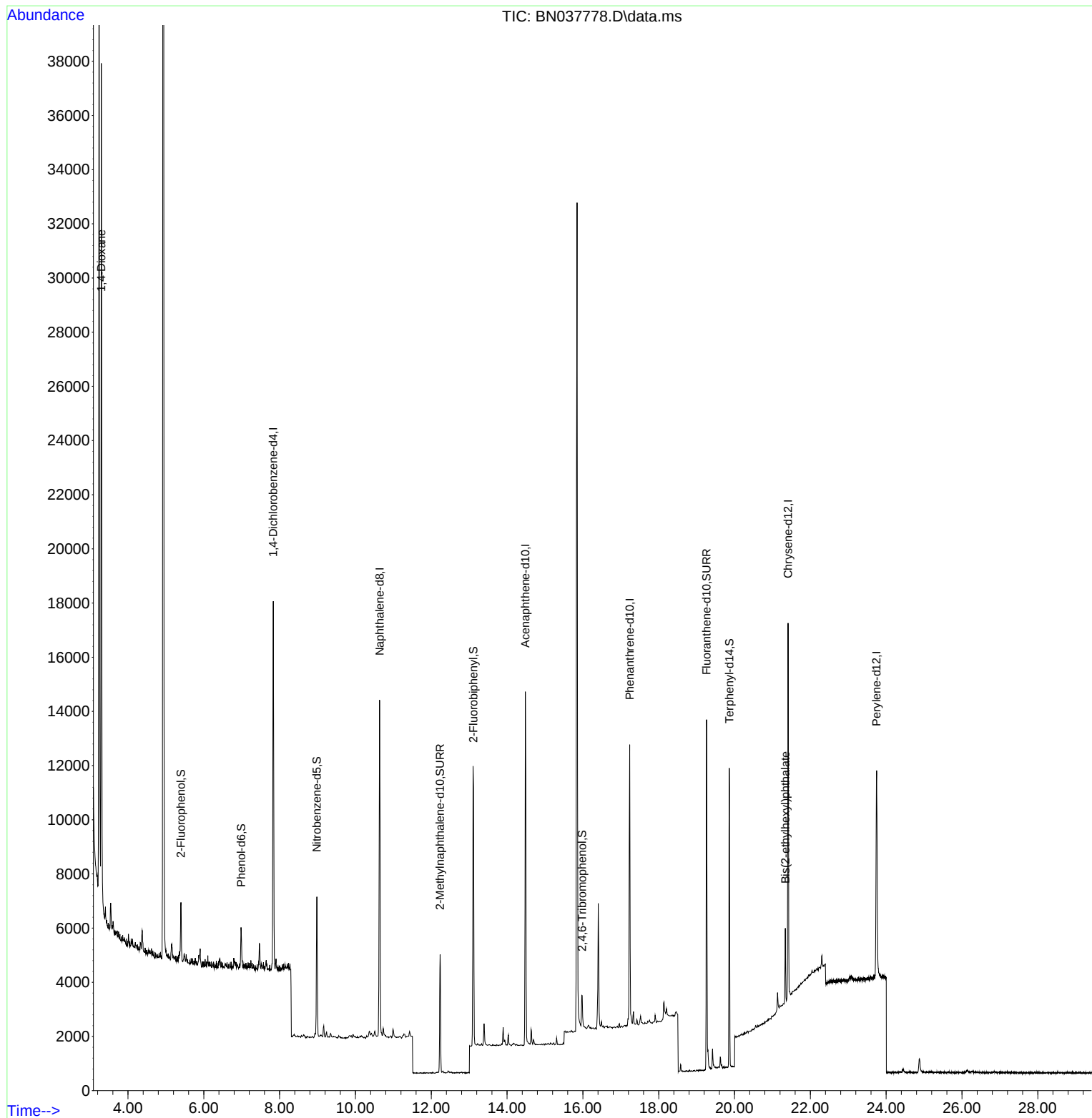
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	6091	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	16121	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	7264	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	13940	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	12095	0.400	ng	# 0.00
35) Perylene-d12	23.747	264	11352	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1798	0.129	ng	0.00
5) Phenol-d6	6.988	99	1299	0.072	ng	0.00
8) Nitrobenzene-d5	8.982	82	4001	0.339	ng	-0.01
11) 2-Methylnaphthalene-d10	12.232	152	5837	0.273	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	832	0.439	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	9398	0.309	ng	0.00
27) Fluoranthene-d10	19.262	212	13906	0.397	ng	0.00
31) Terphenyl-d14	19.861	244	10262	0.418	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.297	88	17609	2.776	ng	95
34) Bis(2-ethylhexyl)phtha...	21.339	149	2423	0.194	ng	99

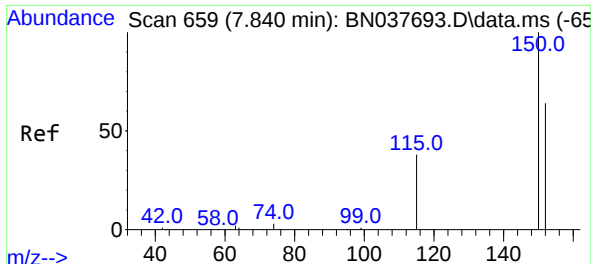
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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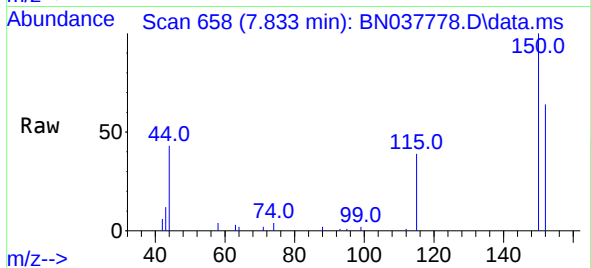
Quant Time: Sep 18 16:12:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



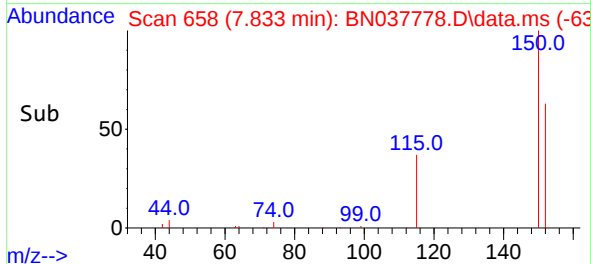
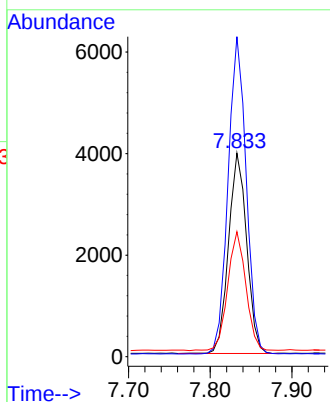


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037778.D
 Acq: 18 Sep 2025 15:47

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20250911

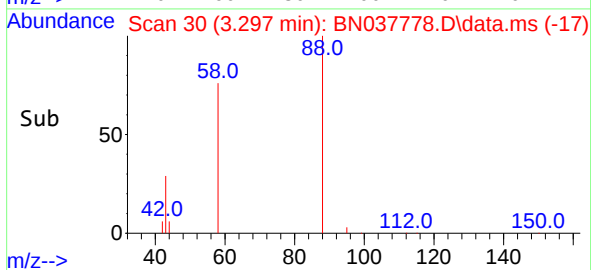
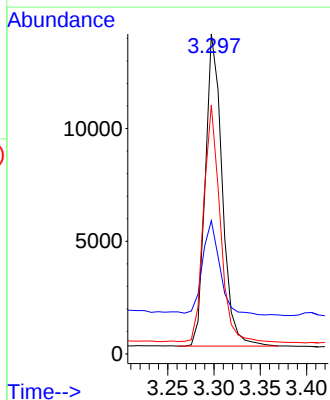
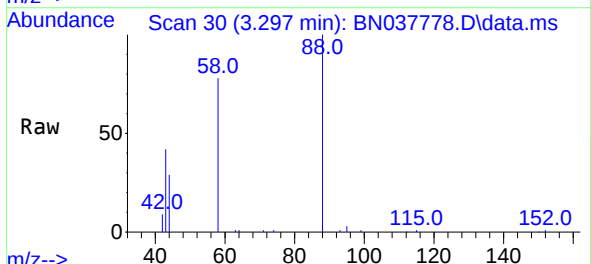


Tgt Ion:152 Resp: 6091
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.5 186.7
 115 61.4 49.2 73.8



#2
 1,4-Dioxane
 Concen: 2.776 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037778.D
 Acq: 18 Sep 2025 15:47

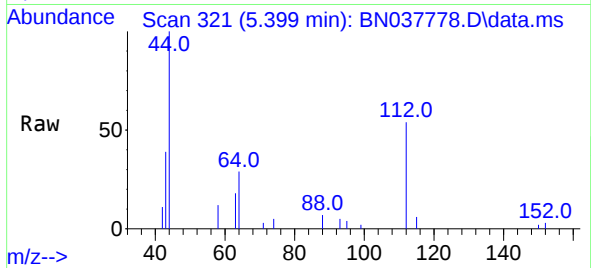
Tgt Ion: 88 Resp: 17609
 Ion Ratio Lower Upper
 88 100
 43 30.8 26.8 40.2
 58 73.6 61.9 92.9



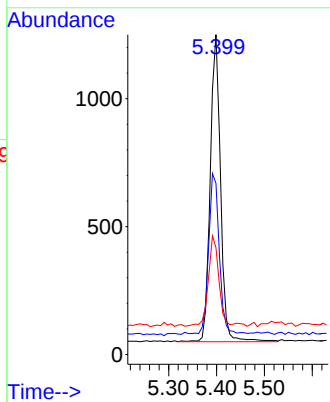
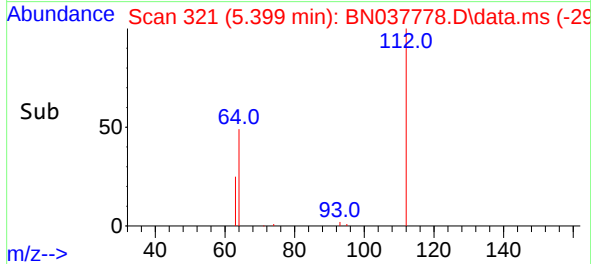


#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037778.D
Acq: 18 Sep 2025 15:47

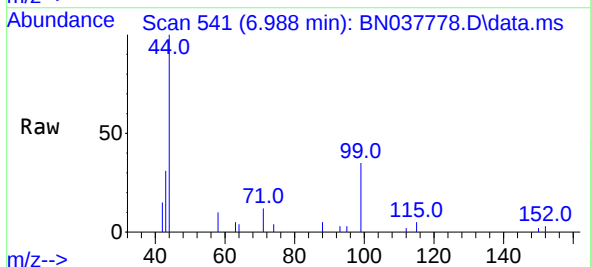
Instrument :
BNA_N
ClientSampleId :
RE108D1-20250911



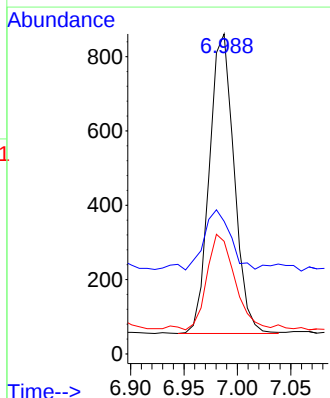
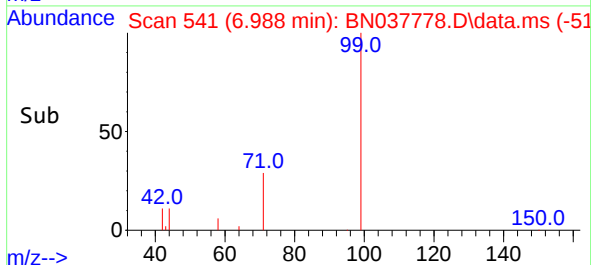
Tgt Ion:112 Resp: 1798
Ion Ratio Lower Upper
112 100
64 52.9 44.9 67.3
63 29.9 24.7 37.1

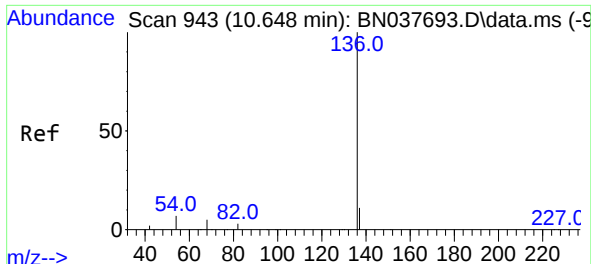


#5
Phenol-d6
Concen: 0.072 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037778.D
Acq: 18 Sep 2025 15:47



Tgt Ion: 99 Resp: 1299
Ion Ratio Lower Upper
99 100
42 22.2 16.6 24.8
71 37.8 26.7 40.1

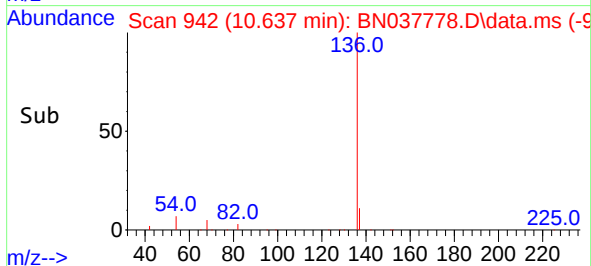
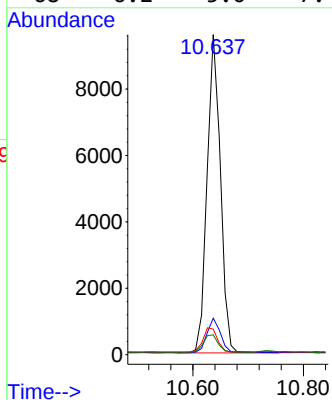
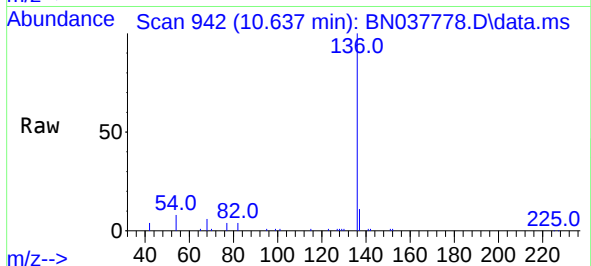




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037778.D
Acq: 18 Sep 2025 15:47

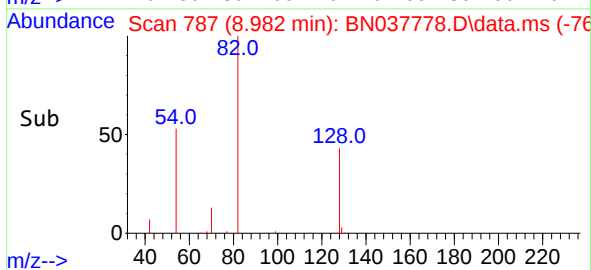
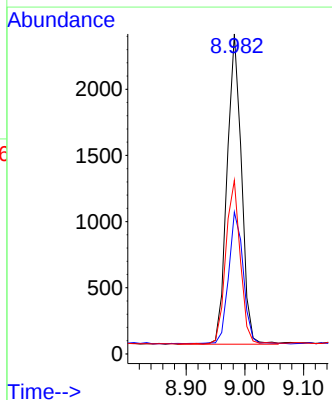
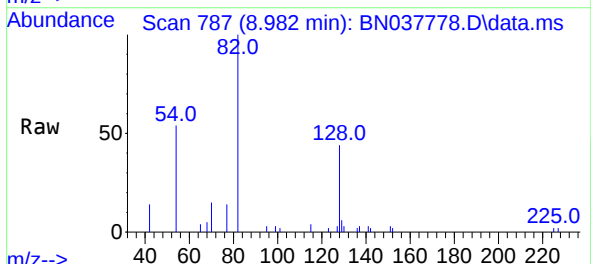
Instrument :
BNA_N
ClientSampleId :
RE108D1-20250911

Tgt Ion:136	Resp:	16121
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.1 13.7
54	8.0	6.3 9.5
68	6.2	5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037778.D
Acq: 18 Sep 2025 15:47

Tgt Ion: 82	Resp:	4001
Ion Ratio	Lower	Upper
82	100	
128	44.3	38.3 57.5
54	54.3	41.4 62.2

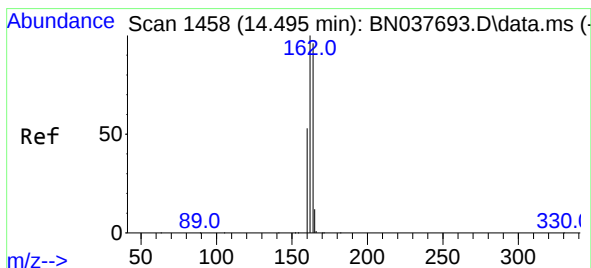
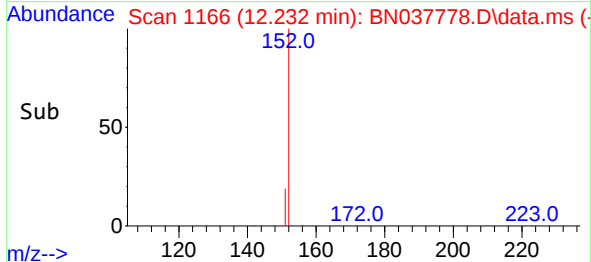
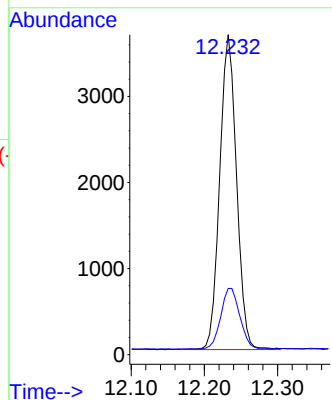
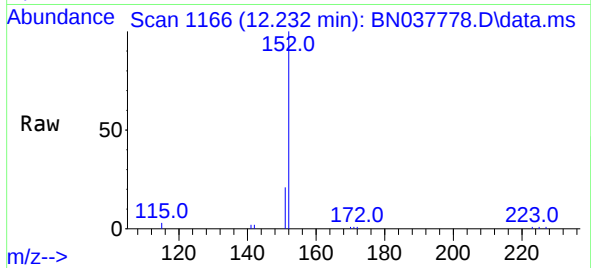




#11
2-Methylnaphthalene-d10
Concen: 0.273 ng
RT: 12.232 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037778.D
Acq: 18 Sep 2025 15:47

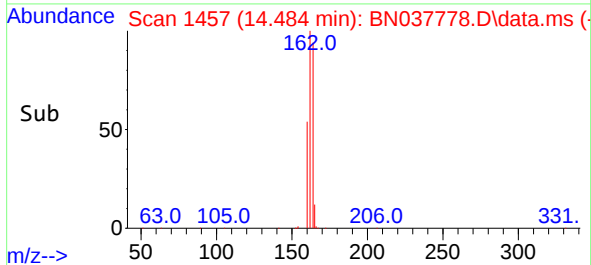
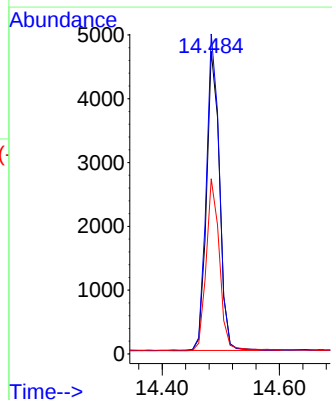
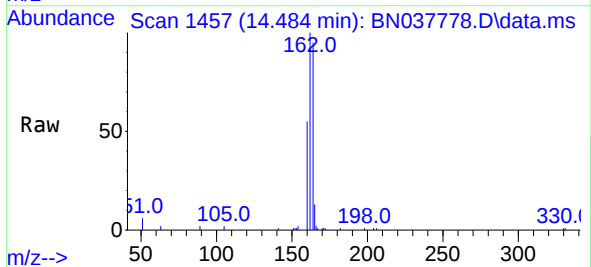
Instrument :
BNA_N
ClientSampleId :
RE108D1-20250911

Tgt Ion:152 Resp: 5837
Ion Ratio Lower Upper
152 100
151 21.8 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: BN037778.D
Acq: 18 Sep 2025 15:47

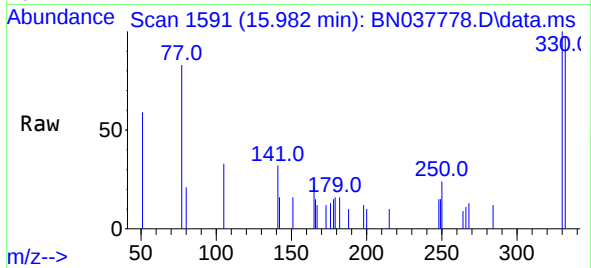
Tgt Ion:164 Resp: 7264
Ion Ratio Lower Upper
164 100
162 105.8 83.1 124.7
160 57.9 44.3 66.5



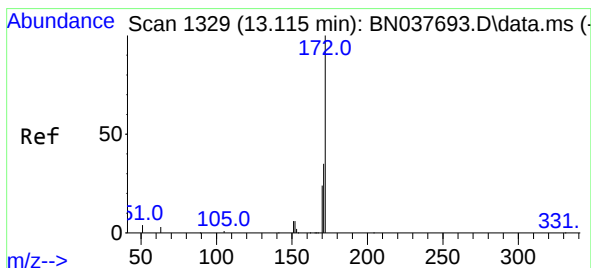
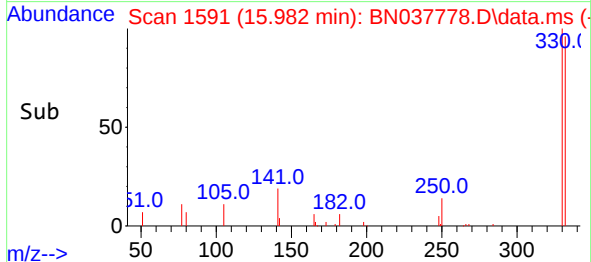
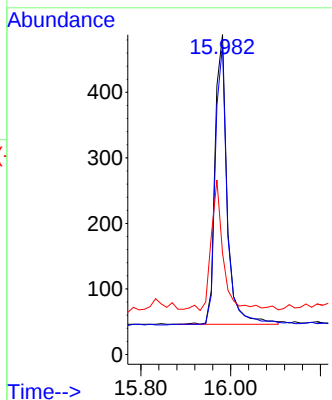


#14
2,4,6-Tribromophenol
Concen: 0.439 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037778.D
Acq: 18 Sep 2025 15:47

Instrument :
BNA_N
ClientSampleId :
RE108D1-20250911

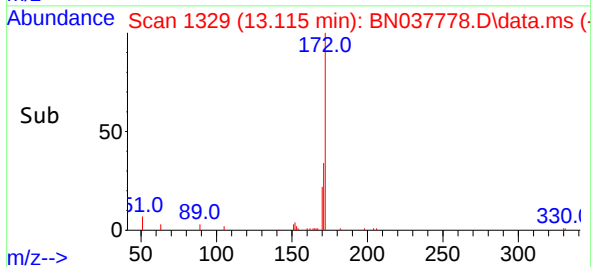
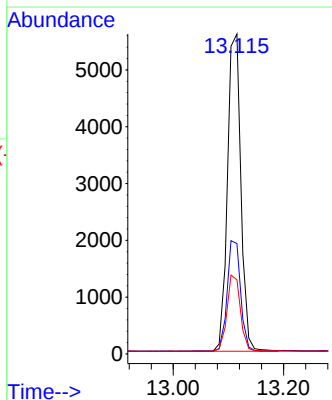
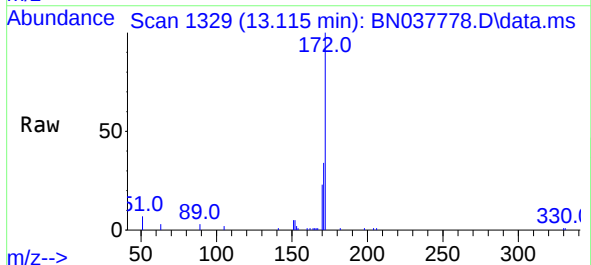


Tgt Ion:330 Resp: 832
Ion Ratio Lower Upper
330 100
332 94.2 75.3 112.9
141 44.8 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 13.115 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BN037778.D
Acq: 18 Sep 2025 15:47

Tgt Ion:172 Resp: 9398
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 23.2 19.8 29.8

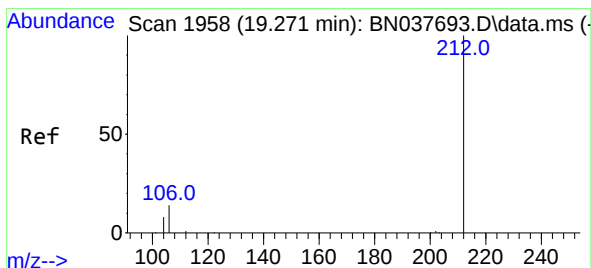
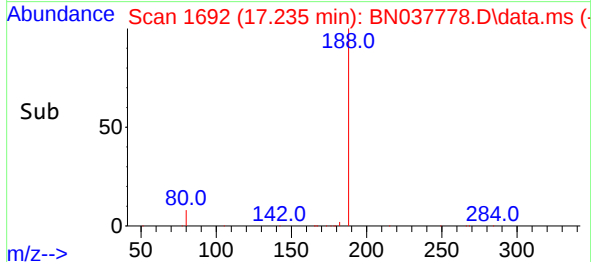
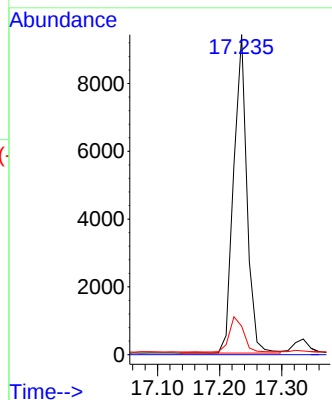
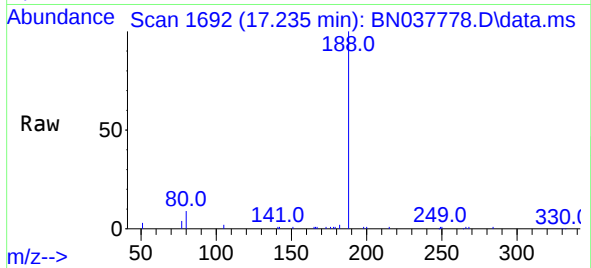




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037778.D
Acq: 18 Sep 2025 15:47

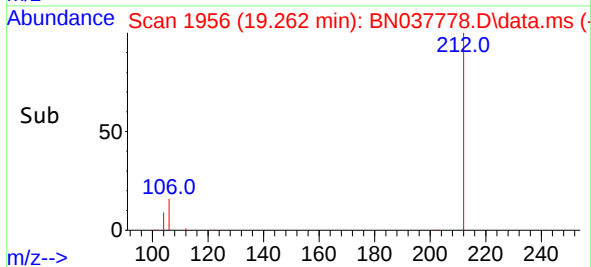
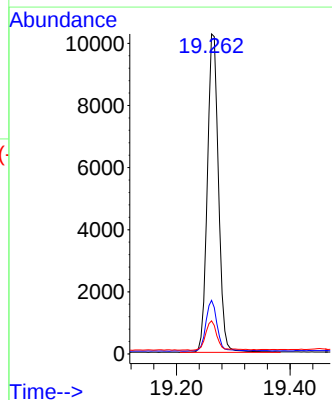
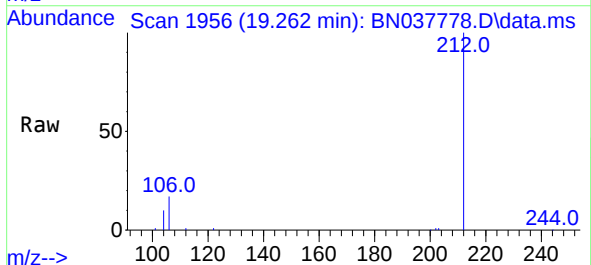
Instrument :
BNA_N
ClientSampleId :
RE108D1-20250911

Tgt Ion:188 Resp: 13940
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037778.D
Acq: 18 Sep 2025 15:47

Tgt Ion:212 Resp: 13906
Ion Ratio Lower Upper
212 100
106 16.0 12.2 18.2
104 9.1 6.9 10.3

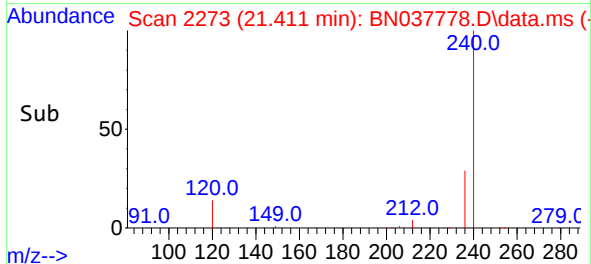
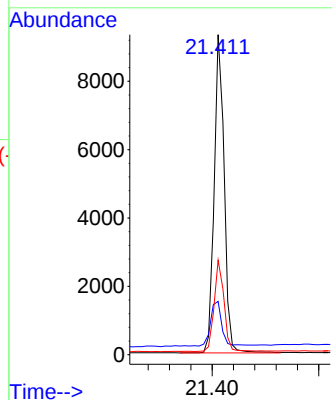
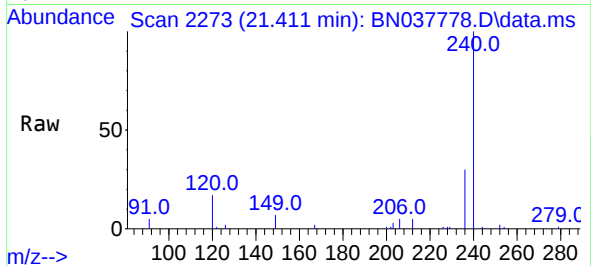




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037778.D
Acq: 18 Sep 2025 15:47

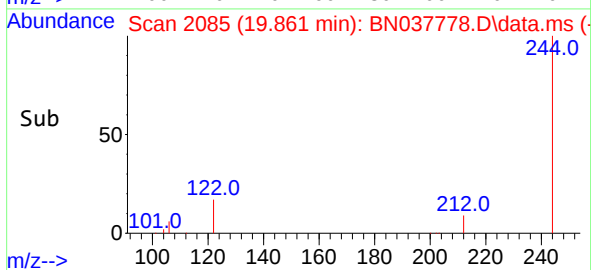
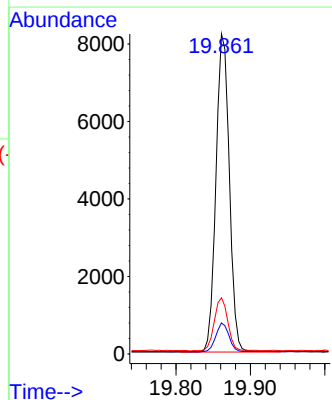
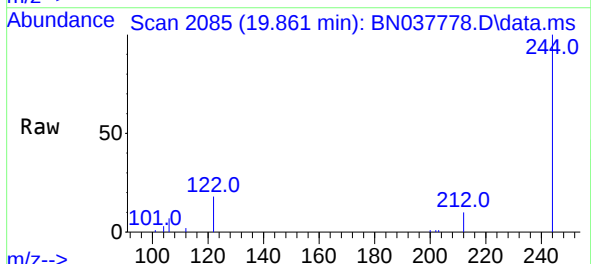
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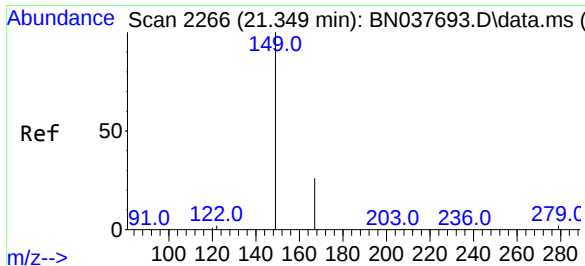
Tgt Ion:240 Resp: 12095
Ion Ratio Lower Upper
240 100
120 16.7 9.2 13.8#
236 29.5 22.6 33.8



#31
Terphenyl-d14
Concen: 0.418 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.009 min
Lab File: BN037778.D
Acq: 18 Sep 2025 15:47

Tgt Ion:244 Resp: 10262
Ion Ratio Lower Upper
244 100
212 9.7 7.5 11.3
122 17.6 13.2 19.8

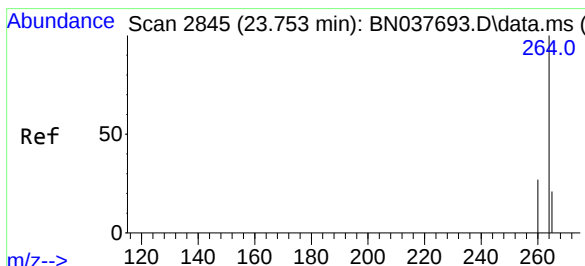
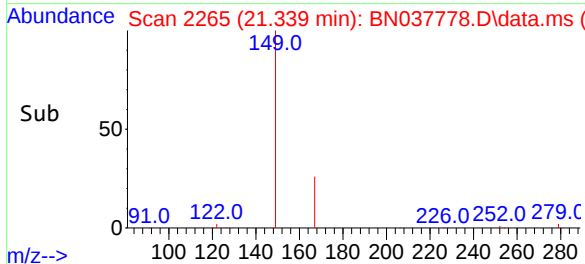
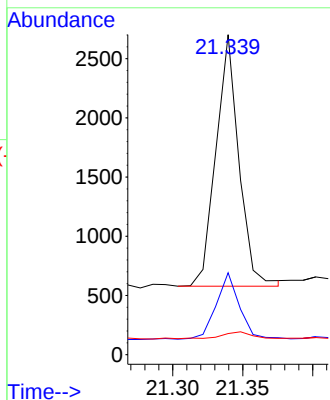
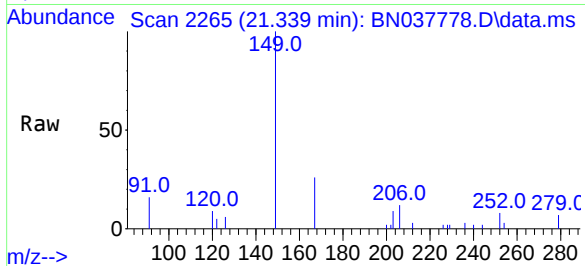




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.194 ng
RT: 21.339 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037778.D
Acq: 18 Sep 2025 15:47

Instrument :
BNA_N
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RE108D1-20250911

Tgt Ion:149 Resp: 2423
Ion Ratio Lower Upper
149 100
167 26.3 20.8 31.2
279 4.0 3.3 4.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.747 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BN037778.D
Acq: 18 Sep 2025 15:47

Tgt Ion:264 Resp: 11352
Ion Ratio Lower Upper
264 100
260 27.5 21.8 32.8
265 71.7 39.4 59.2#

