

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037767.D
 Acq On : 18 Sep 2025 07:35
 Operator : RC/JU
 Sample : Q3095-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 18 07:59:45 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

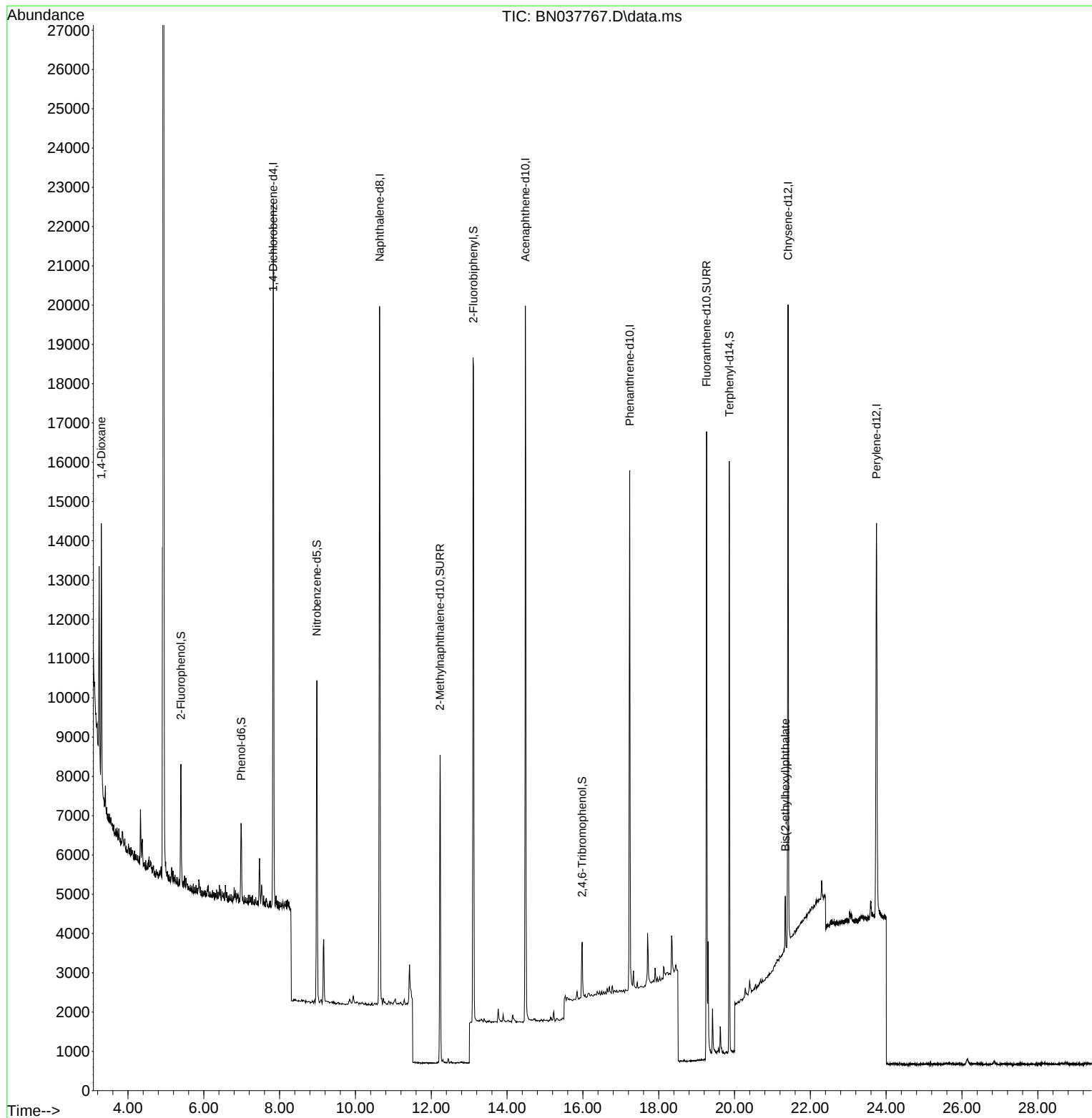
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	8360	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	22865	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	10200	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	17532	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	14129	0.400	ng	# 0.00
35) Perylene-d12	23.745	264	14395	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2560	0.133	ng	0.00
5) Phenol-d6	6.988	99	1878	0.075	ng	0.00
8) Nitrobenzene-d5	8.982	82	6211	0.371	ng	-0.01
11) 2-Methylnaphthalene-d10	12.233	152	10276	0.339	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	987	0.371	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	16260	0.381	ng	0.00
27) Fluoranthene-d10	19.262	212	18084	0.411	ng	0.00
31) Terphenyl-d14	19.861	244	13760	0.480	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.297	88	3731	0.428	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.340	149	1409	0.096	ng	99

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

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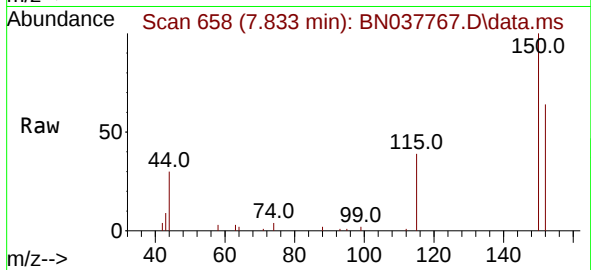
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



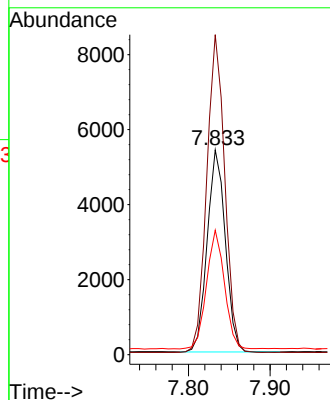
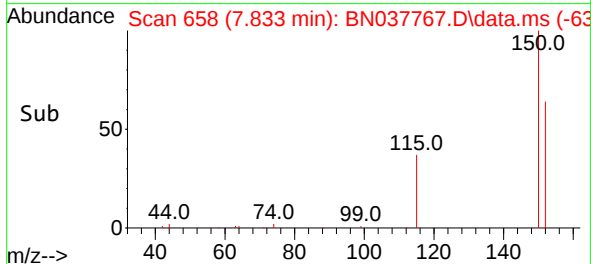


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037767.D
 Acq: 18 Sep 2025 07:35

Instrument :
 BNA_N
 ClientSampleId :

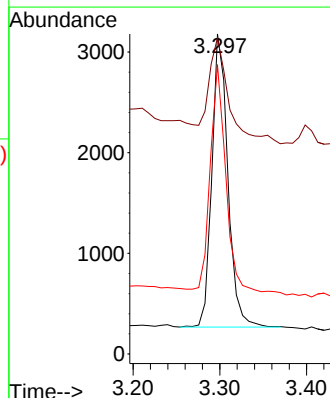
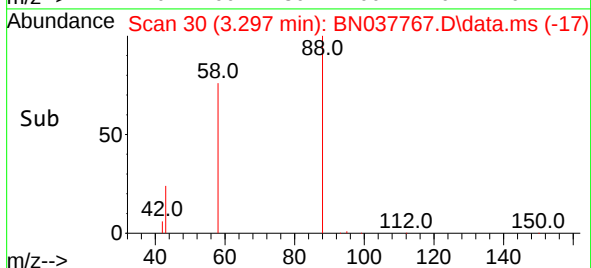
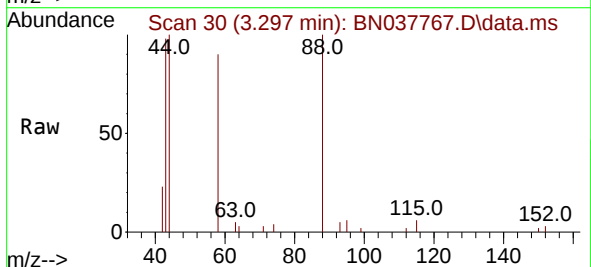


Tgt Ion:152 Resp: 8360
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.5 186.7
 115 60.8 49.2 73.8



#2
 1,4-Dioxane
 Concen: 0.428 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037767.D
 Acq: 18 Sep 2025 07:35

Tgt Ion: 88 Resp: 3731
 Ion Ratio Lower Upper
 88 100
 43 45.5 26.8 40.2#
 58 76.1 61.9 92.9

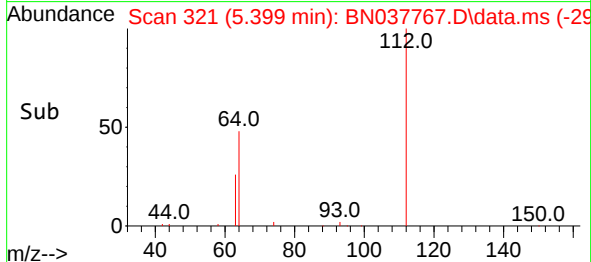
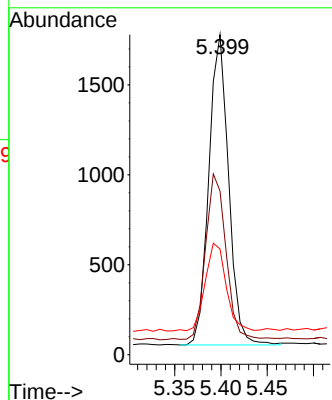
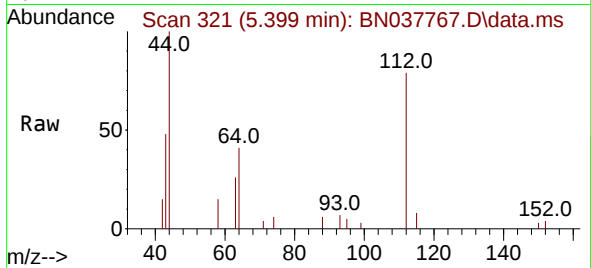




#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.399 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN037767.D
Acq: 18 Sep 2025 07:35

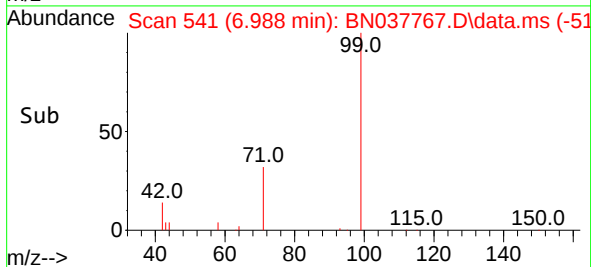
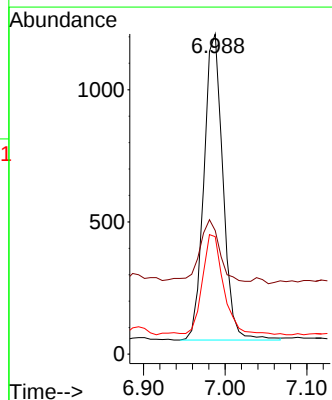
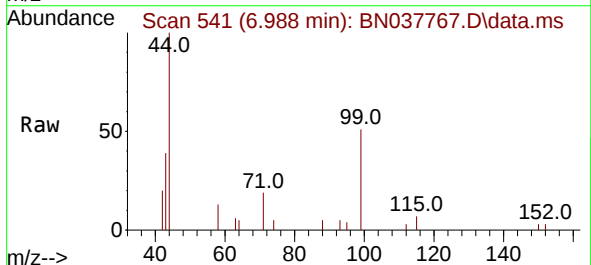
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 2560
Ion Ratio Lower Upper
112 100
64 55.7 44.9 67.3
63 29.7 24.7 37.1



#5
Phenol-d6
Concen: 0.075 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN037767.D
Acq: 18 Sep 2025 07:35

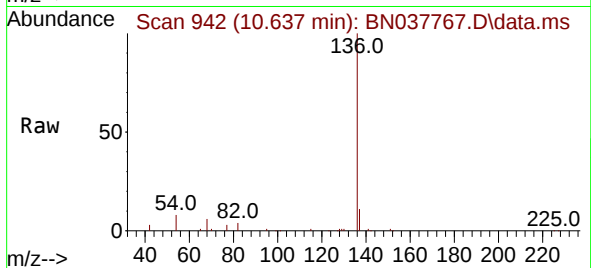
Tgt Ion: 99 Resp: 1878
Ion Ratio Lower Upper
99 100
42 20.6 16.6 24.8
71 37.8 26.7 40.1



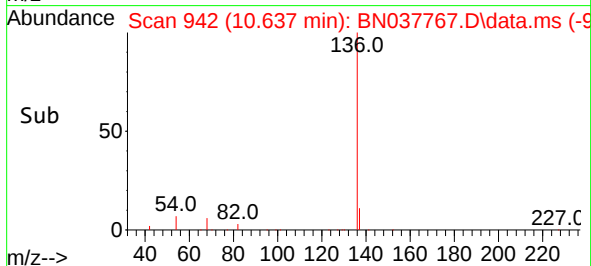
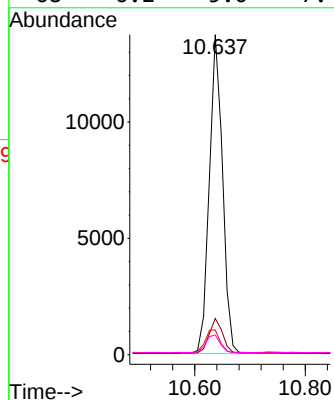


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037767.D
Acq: 18 Sep 2025 07:35

Instrument :
BNA_N
ClientSampleId :

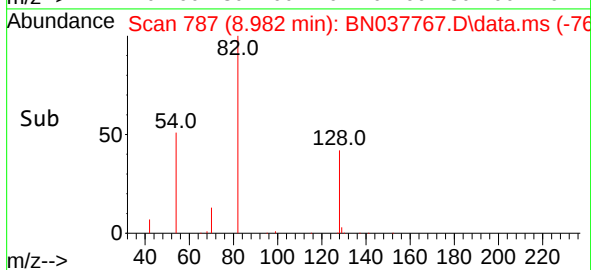
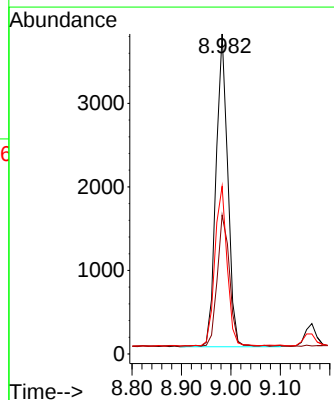
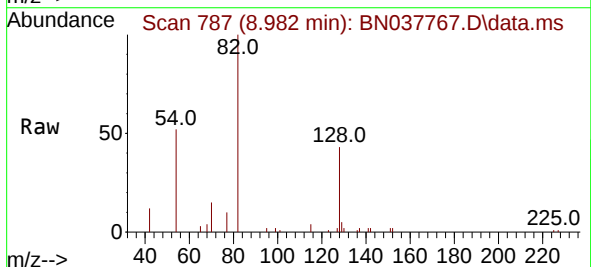


Tgt Ion:136 Resp: 22865
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.7 6.3 9.5
68 6.2 5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037767.D
Acq: 18 Sep 2025 07:35

Tgt Ion: 82 Resp: 6211
Ion Ratio Lower Upper
82 100
128 43.4 38.3 57.5
54 52.4 41.4 62.2

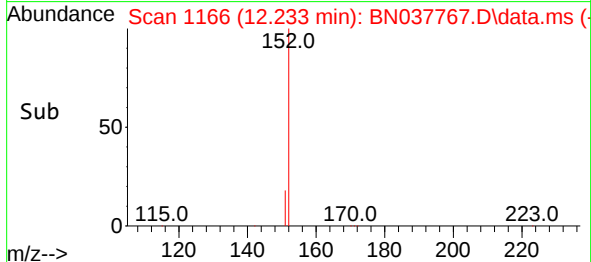
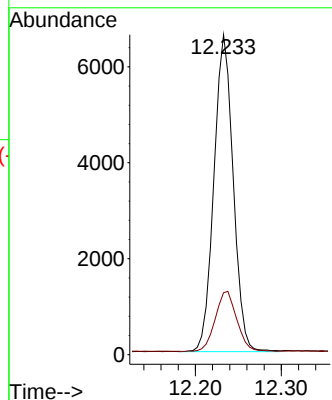
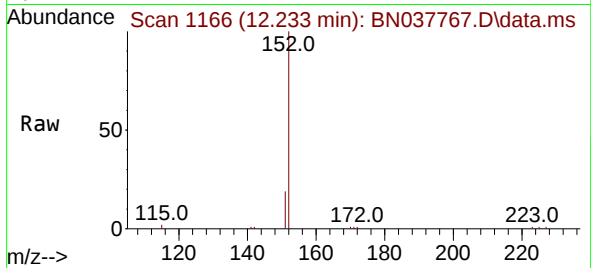




#11
2-Methylnaphthalene-d10
Concen: 0.339 ng
RT: 12.233 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037767.D
Acq: 18 Sep 2025 07:35

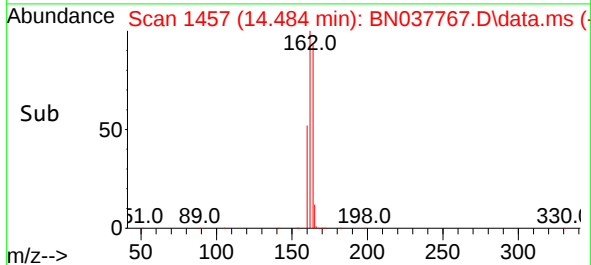
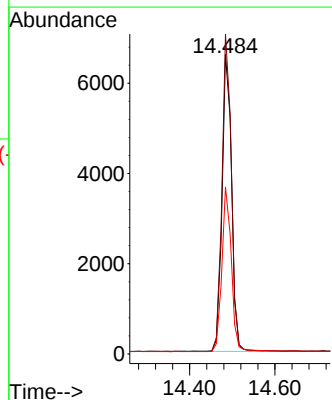
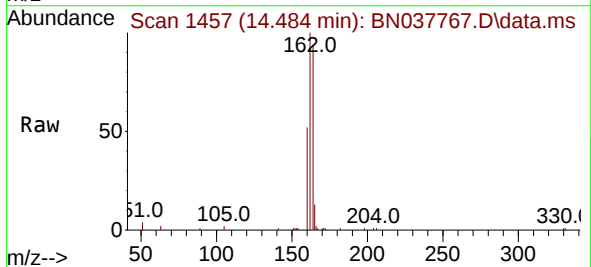
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 10276
Ion Ratio Lower Upper
152 100
151 21.3 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: BN037767.D
Acq: 18 Sep 2025 07:35

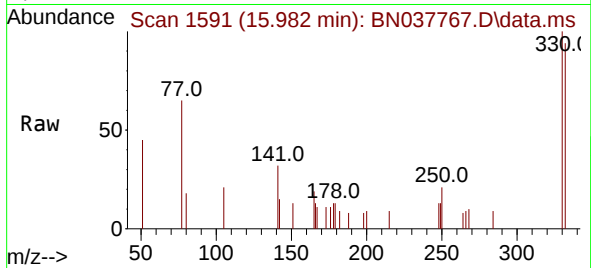
Tgt Ion:164 Resp: 10200
Ion Ratio Lower Upper
164 100
162 106.9 83.1 124.7
160 55.8 44.3 66.5



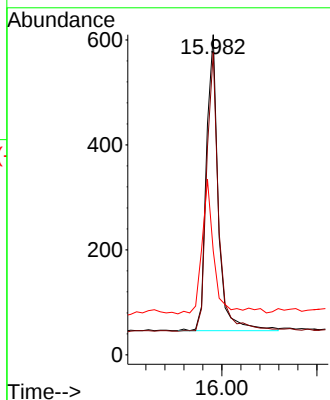
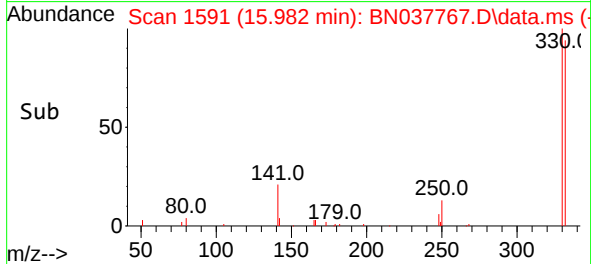


#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037767.D
Acq: 18 Sep 2025 07:35

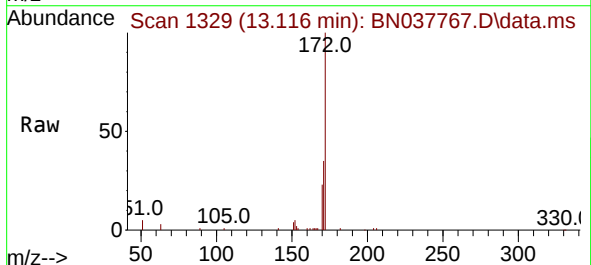
Instrument :
BNA_N
ClientSampleId :



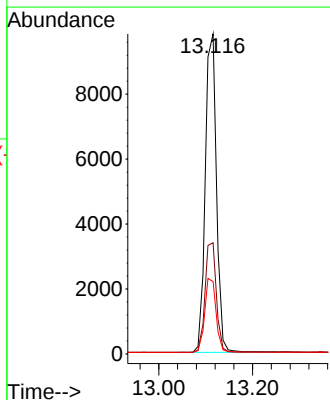
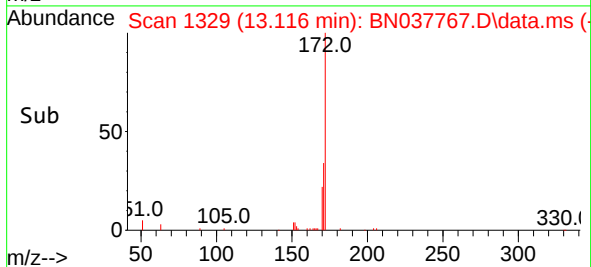
Tgt Ion:330 Resp: 987
Ion Ratio Lower Upper
330 100
332 95.0 75.3 112.9
141 44.8 35.0 52.4

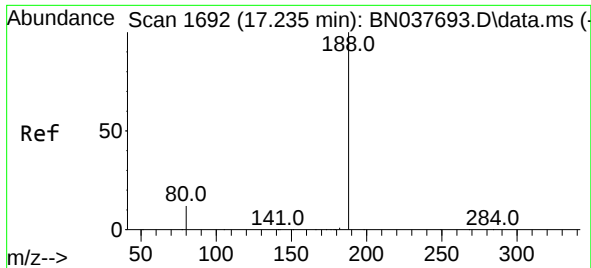


#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 13.116 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BN037767.D
Acq: 18 Sep 2025 07:35



Tgt Ion:172 Resp: 16260
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 22.6 19.8 29.8

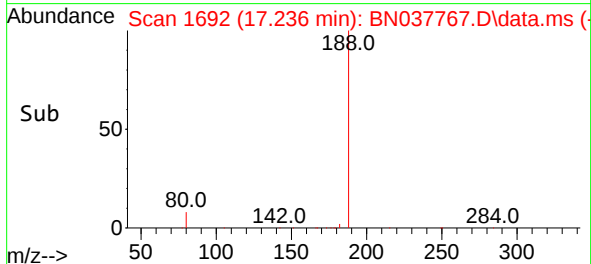
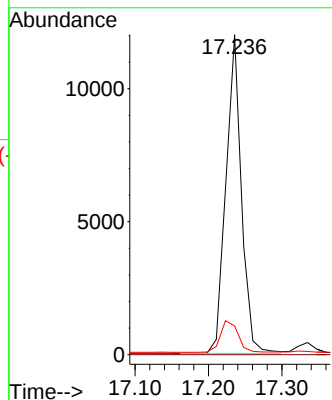
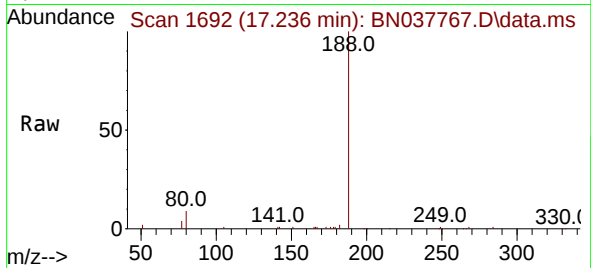




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN037767.D
Acq: 18 Sep 2025 07:35

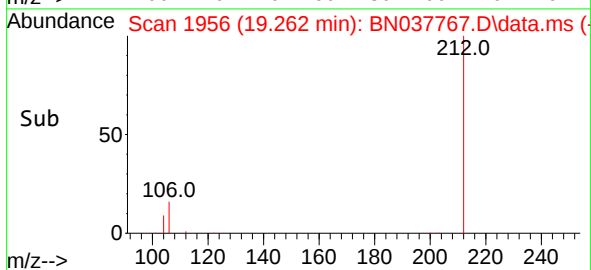
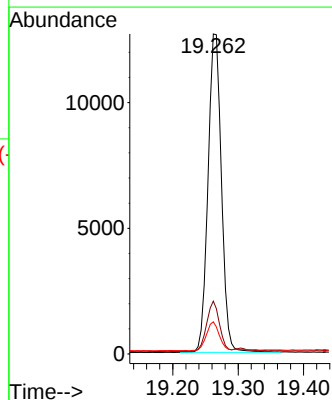
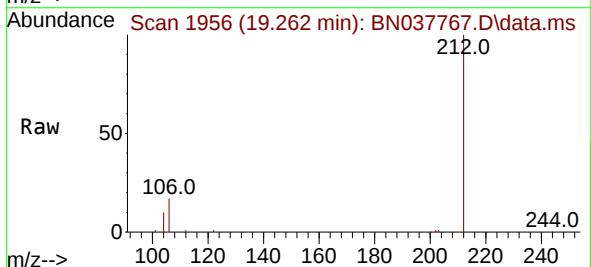
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 17532
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.411 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037767.D
Acq: 18 Sep 2025 07:35

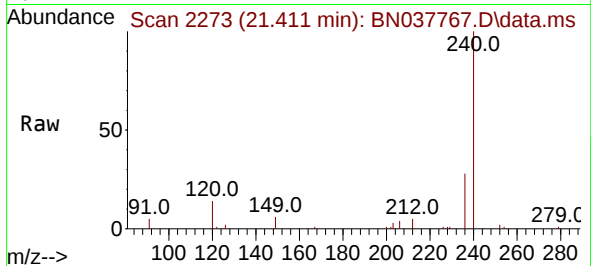
Tgt Ion:212 Resp: 18084
Ion Ratio Lower Upper
212 100
106 15.1 12.2 18.2
104 8.7 6.9 10.3



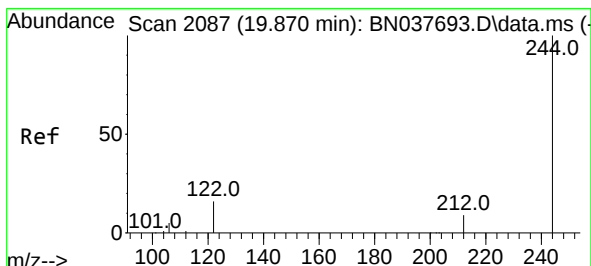
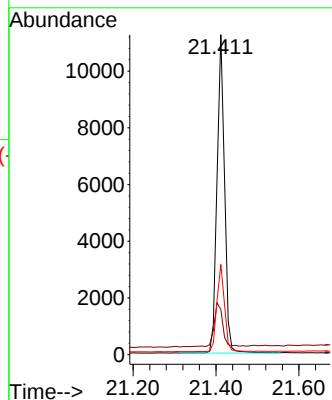


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037767.D
Acq: 18 Sep 2025 07:35

Instrument :
BNA_N
ClientSampleId :

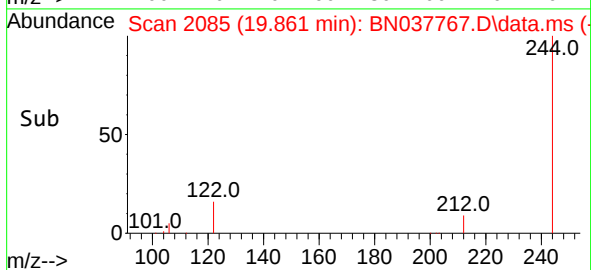
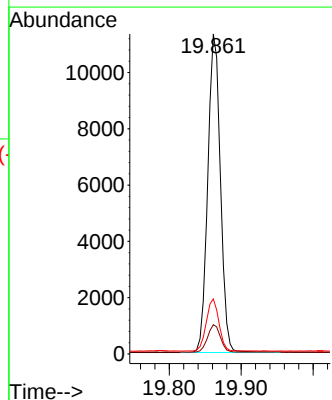
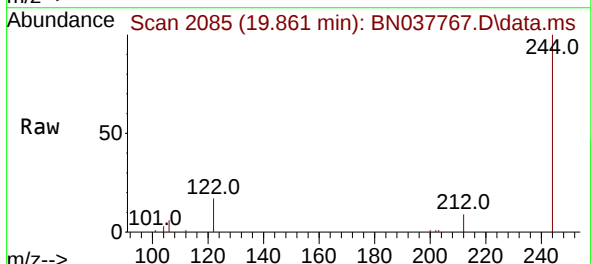


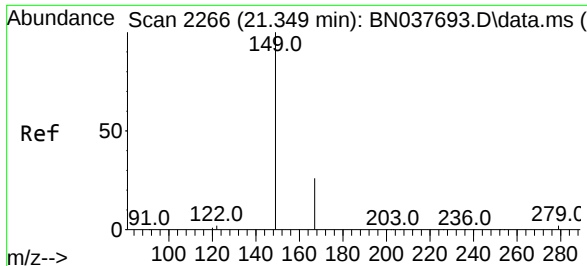
Tgt Ion:240 Resp: 14129
Ion Ratio Lower Upper
240 100
120 14.2 9.2 13.8#
236 28.2 22.6 33.8



#31
Terphenyl-d14
Concen: 0.480 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.009 min
Lab File: BN037767.D
Acq: 18 Sep 2025 07:35

Tgt Ion:244 Resp: 13760
Ion Ratio Lower Upper
244 100
212 9.2 7.5 11.3
122 17.2 13.2 19.8

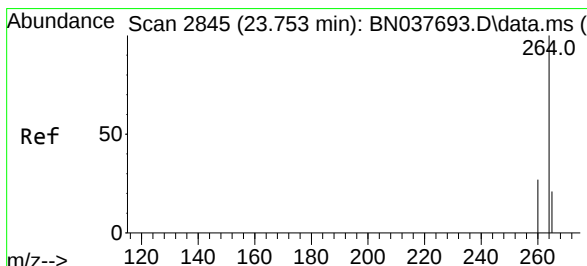
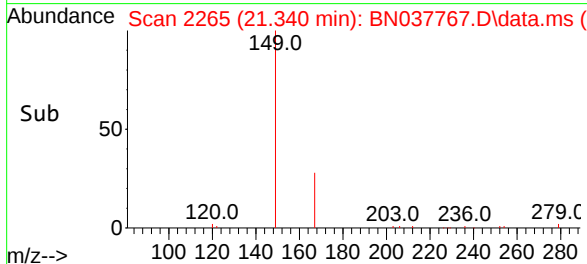
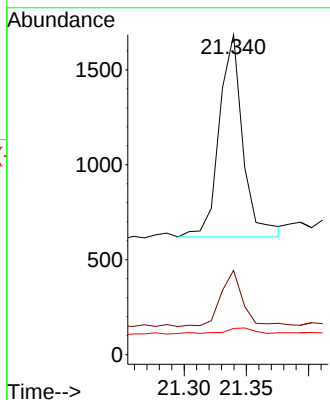
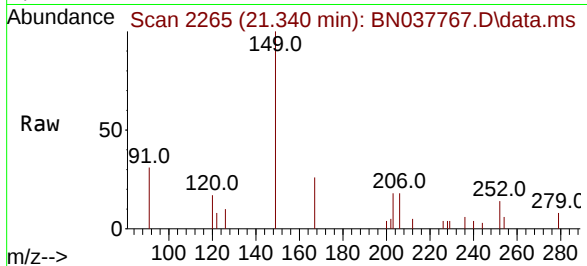




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.096 ng
 RT: 21.340 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037767.D
 Acq: 18 Sep 2025 07:35

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 1409
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.8 31.2
 279 4.6 3.3 4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.745 min Scan# 2842
 Delta R.T. -0.009 min
 Lab File: BN037767.D
 Acq: 18 Sep 2025 07:35

Tgt Ion:264 Resp: 14395
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.8 32.8
 265 62.0 39.4 59.2#

