

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037817.D
 Acq On : 19 Sep 2025 16:45
 Operator : RC/JU
 Sample : Q3097-13DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 17:15:16 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)

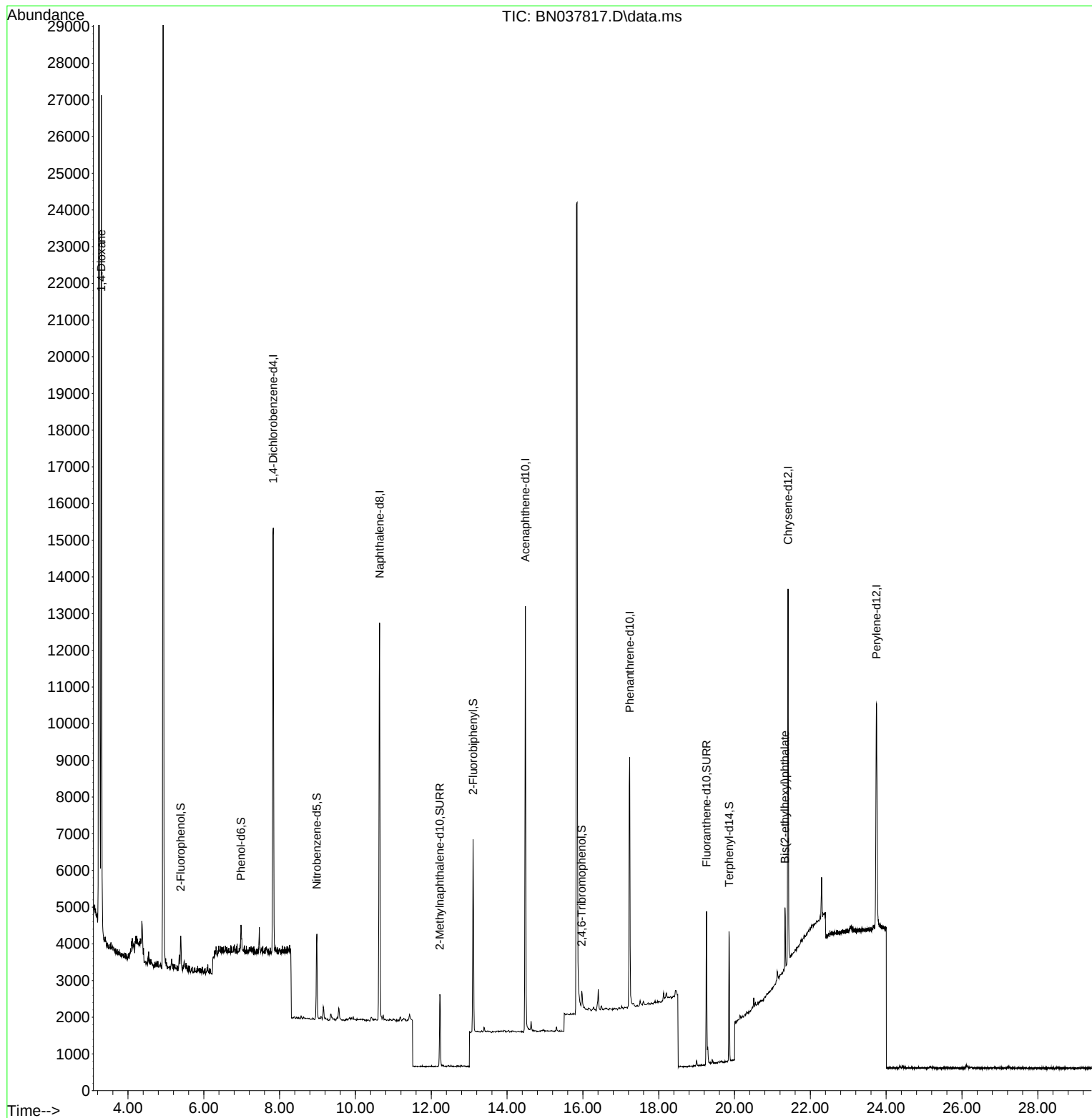
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	5661	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	14750	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	6209	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	10700	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	9109	0.400	ng	# 0.00
35) Perylene-d12	23.744	264	8982	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	744	0.057	ng	0.00
5) Phenol-d6	6.981	99	644	0.038	ng	0.00
8) Nitrobenzene-d5	8.982	82	1914	0.177	ng	-0.01
11) 2-Methylnaphthalene-d10	12.228	152	2732	0.140	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	299	0.185	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	4337	0.167	ng	-0.01
27) Fluoranthene-d10	19.262	212	4509	0.168	ng	0.00
31) Terphenyl-d14	19.857	244	3298	0.178	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.297	88	13131	2.227	ng	95
34) Bis(2-ethylhexyl)phtha...	21.331	149	1758	0.187	ng	# 96

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

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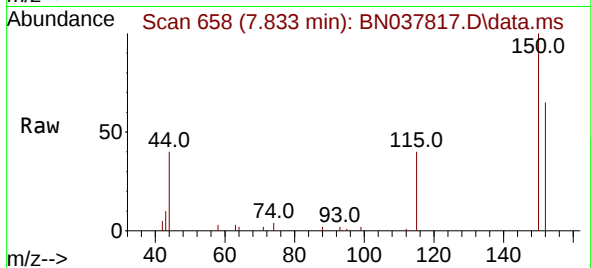
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



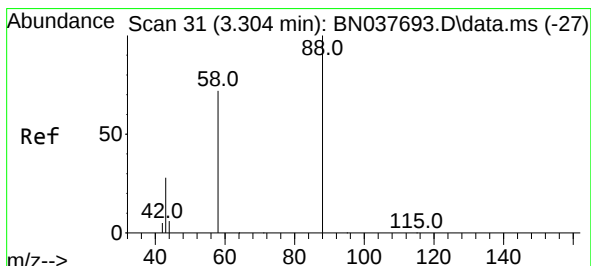
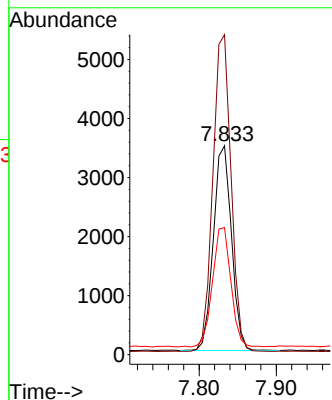
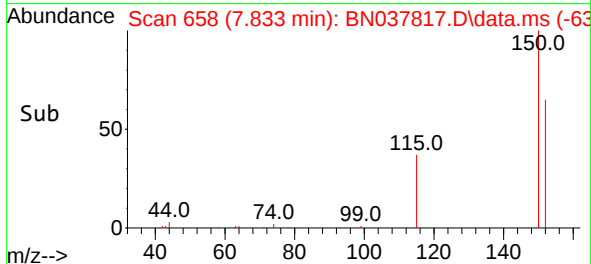


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 6
 Delta R.T. -0.007 min
 Lab File: BN037817.D
 Acq: 19 Sep 2025 16:45

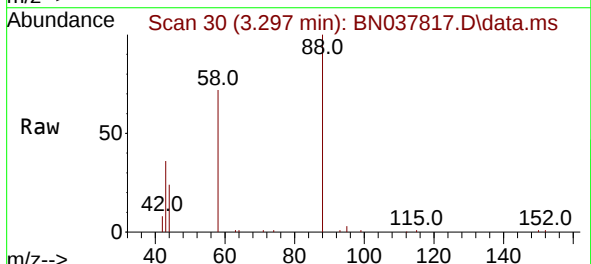
Instrument :
 BNA_N
 ClientSampleId :



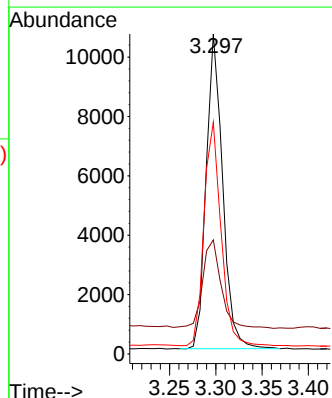
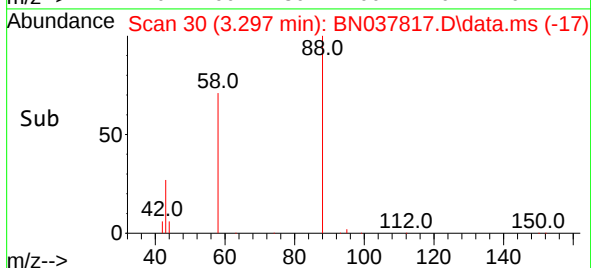
Tgt Ion:152 Resp: 5661
 Ion Ratio Lower Upper
 152 100
 150 153.2 124.5 186.7
 115 60.8 49.2 73.8



#2
 1,4-Dioxane
 Concen: 2.227 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037817.D
 Acq: 19 Sep 2025 16:45



Tgt Ion: 88 Resp: 13131
 Ion Ratio Lower Upper
 88 100
 43 31.5 26.8 40.2
 58 72.9 61.9 92.9

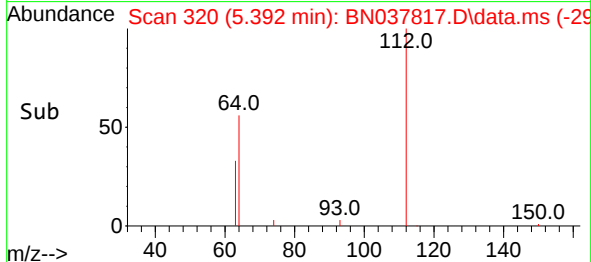
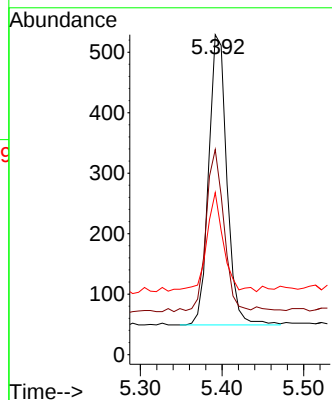
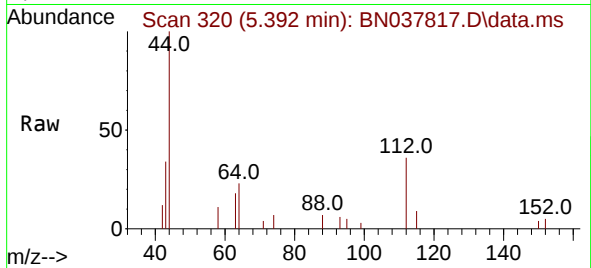




#4
2-Fluorophenol
Concen: 0.057 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037817.D
Acq: 19 Sep 2025 16:45

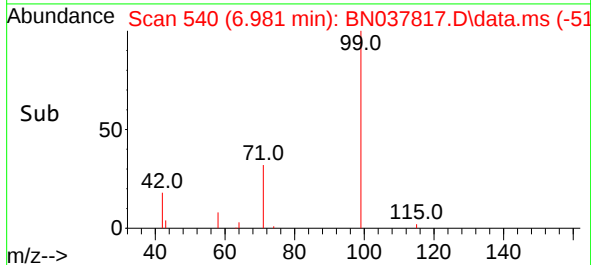
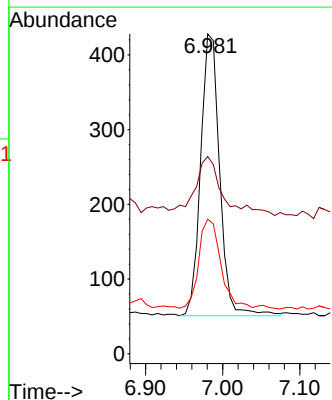
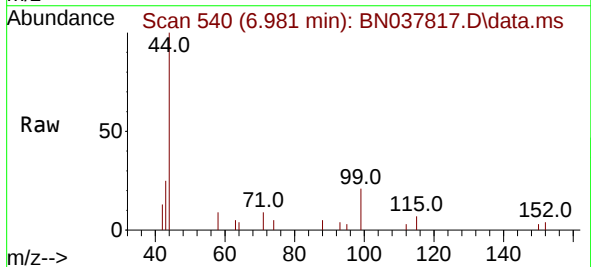
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 744
Ion Ratio Lower Upper
112 100
64 55.0 44.9 67.3
63 30.1 24.7 37.1



#5
Phenol-d6
Concen: 0.038 ng
RT: 6.981 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037817.D
Acq: 19 Sep 2025 16:45

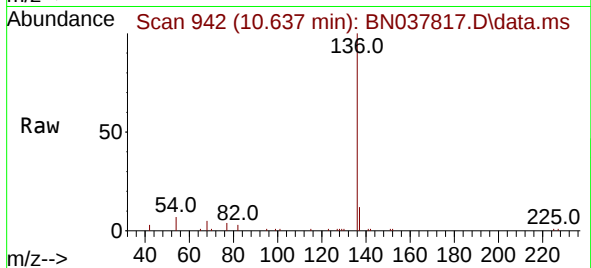
Tgt Ion: 99 Resp: 644
Ion Ratio Lower Upper
99 100
42 30.3 16.6 24.8#
71 36.2 26.7 40.1



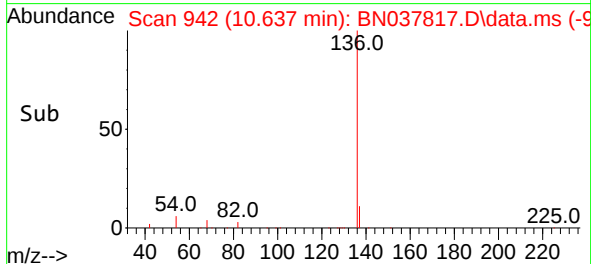
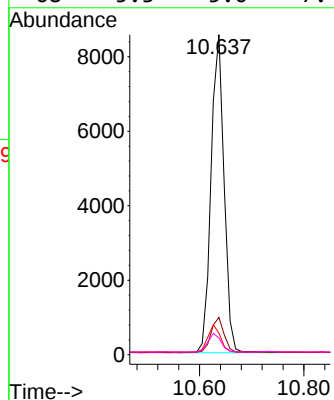


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037817.D
Acq: 19 Sep 2025 16:45

Instrument :
BNA_N
ClientSampleId :

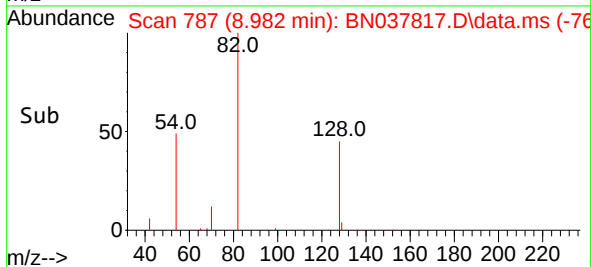
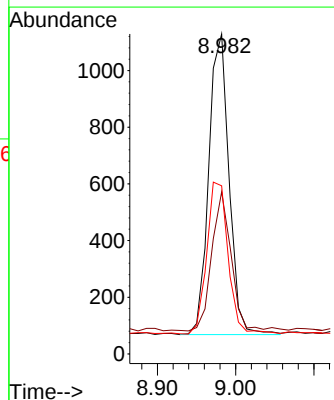
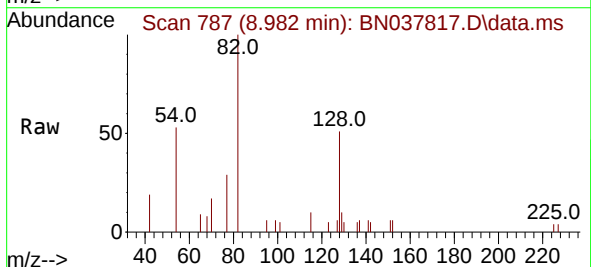


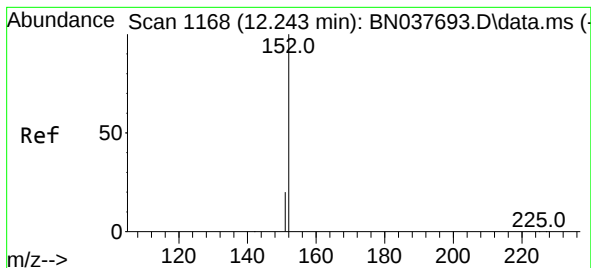
Tgt Ion:136 Resp: 14750
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 6.7 6.3 9.5
68 5.3 5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.177 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037817.D
Acq: 19 Sep 2025 16:45

Tgt Ion: 82 Resp: 1914
Ion Ratio Lower Upper
82 100
128 50.7 38.3 57.5
54 52.5 41.4 62.2

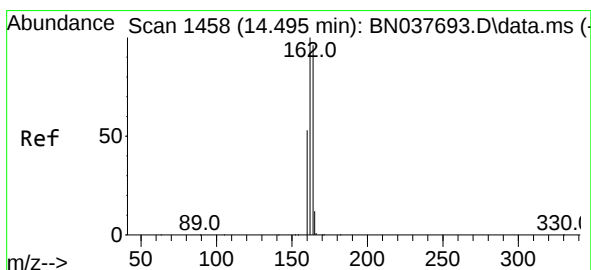
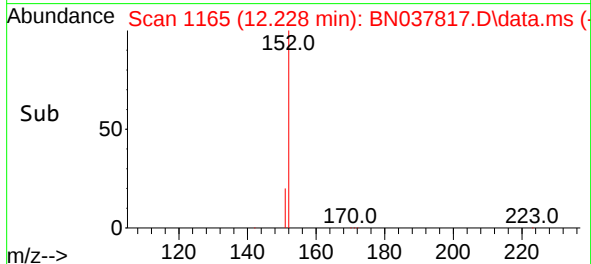
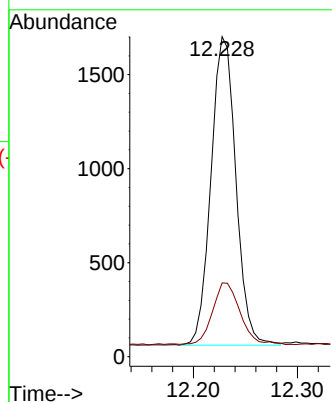
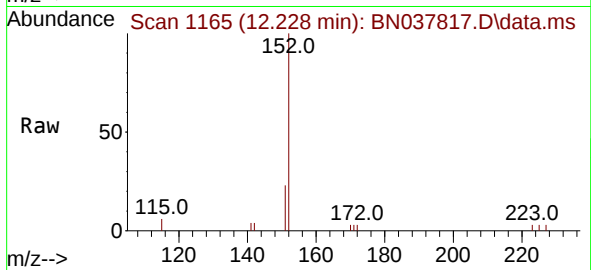




#11
2-Methylnaphthalene-d10
Concen: 0.140 ng
RT: 12.228 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037817.D
Acq: 19 Sep 2025 16:45

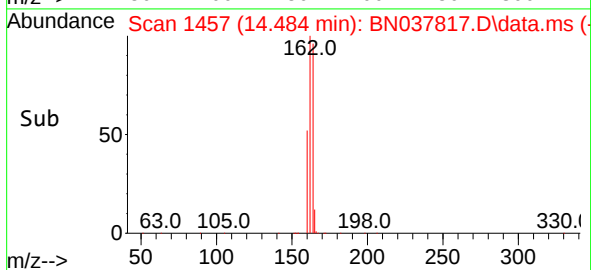
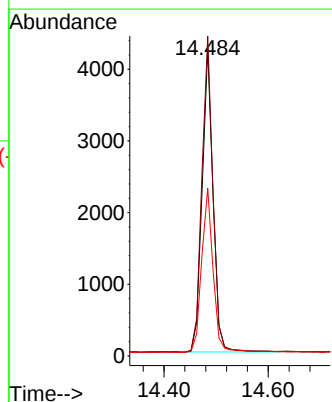
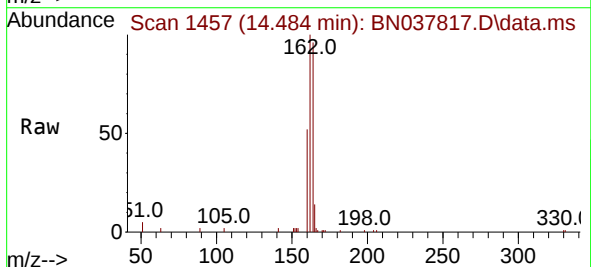
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2732
Ion Ratio Lower Upper
152 100
151 21.9 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: BN037817.D
Acq: 19 Sep 2025 16:45

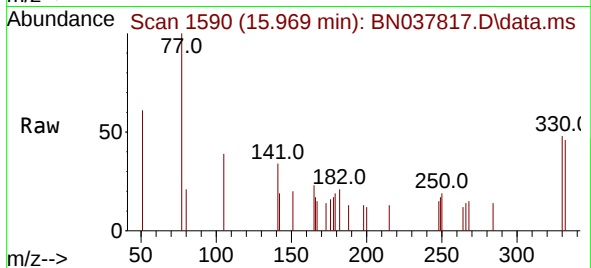
Tgt Ion:164 Resp: 6209
Ion Ratio Lower Upper
164 100
162 104.0 83.1 124.7
160 54.5 44.3 66.5



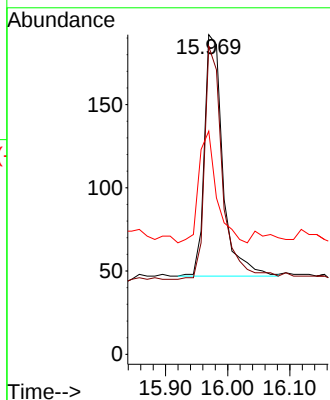
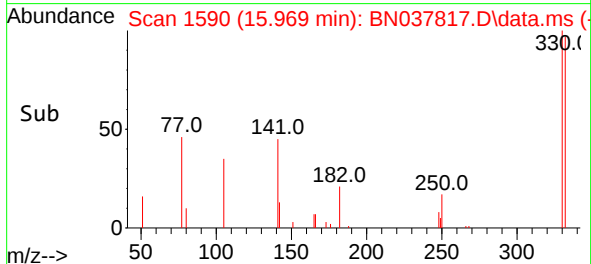


#14
2,4,6-Tribromophenol
Concen: 0.185 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037817.D
Acq: 19 Sep 2025 16:45

Instrument :
BNA_N
ClientSampleId :

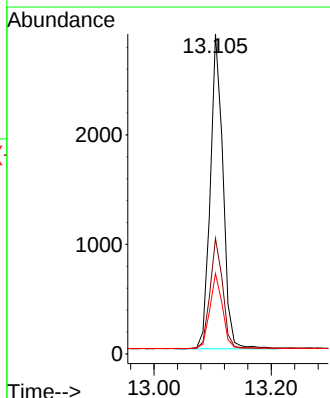
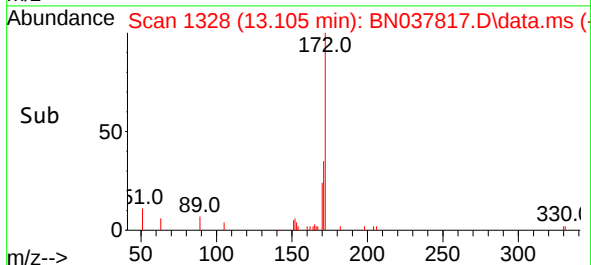
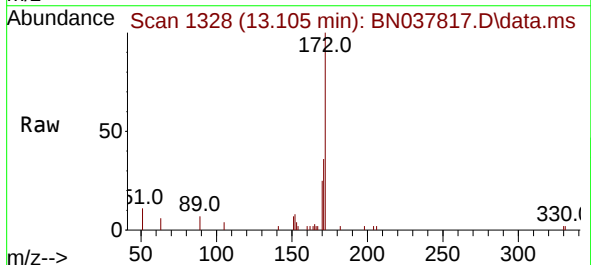


Tgt Ion:330 Resp: 299
Ion Ratio Lower Upper
330 100
332 96.7 75.3 112.9
141 44.5 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.167 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037817.D
Acq: 19 Sep 2025 16:45

Tgt Ion:172 Resp: 4337
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 25.2 19.8 29.8

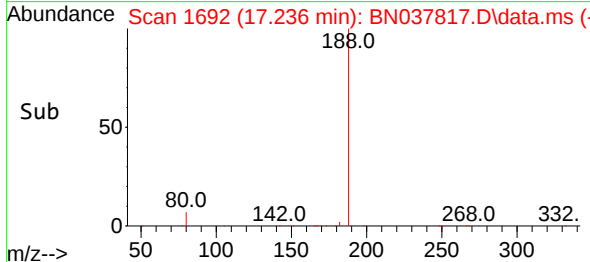
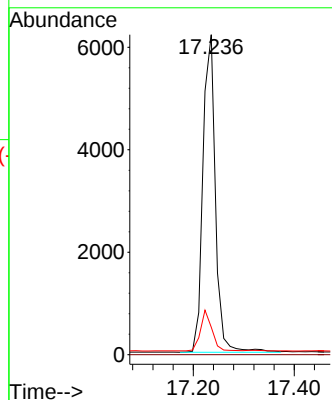
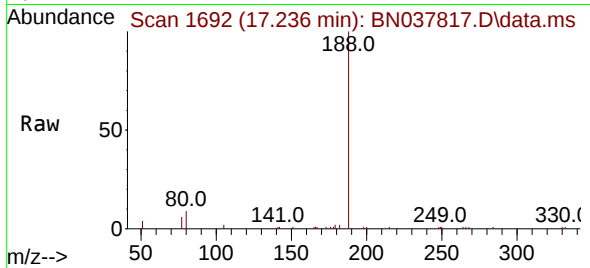




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN037817.D
Acq: 19 Sep 2025 16:45

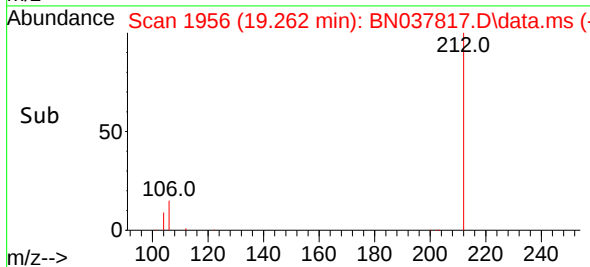
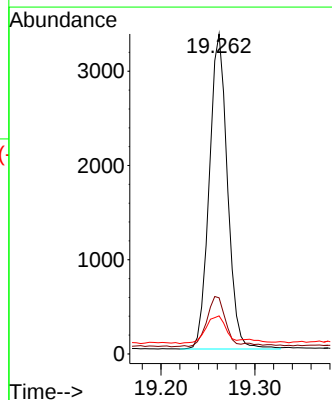
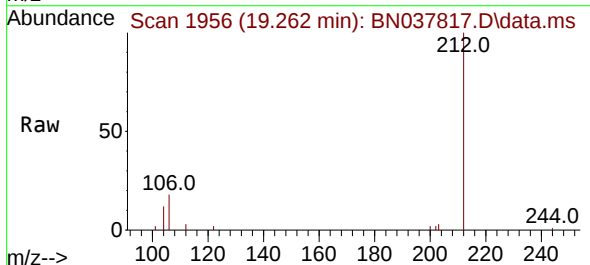
Instrument :
BNA_N
ClientSampleId :

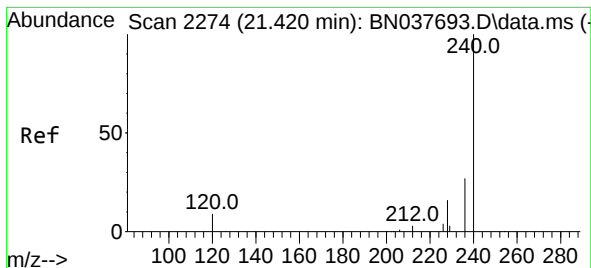
Tgt Ion:188 Resp: 10700
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.168 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037817.D
Acq: 19 Sep 2025 16:45

Tgt Ion:212 Resp: 4509
Ion Ratio Lower Upper
212 100
106 16.3 12.2 18.2
104 9.7 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: BN037817.D

Acq: 19 Sep 2025 16:45

Instrument :

BNA_N

ClientSampleId :

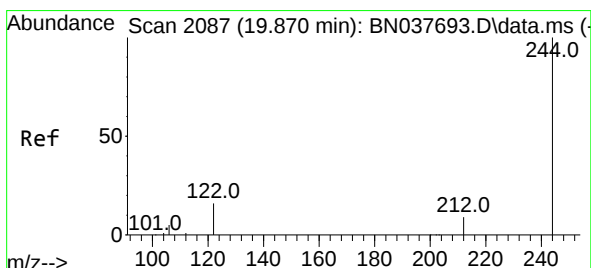
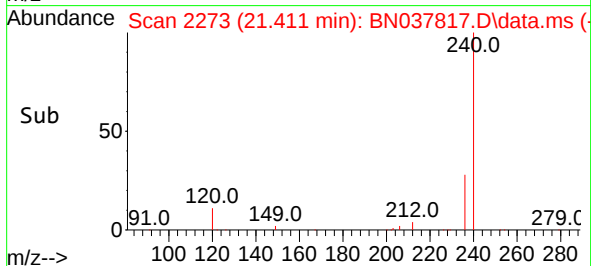
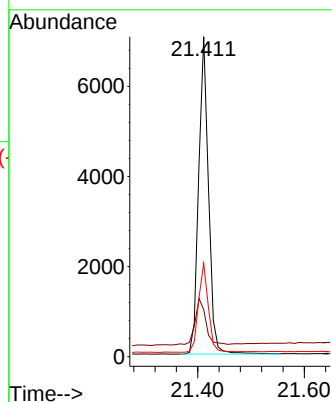
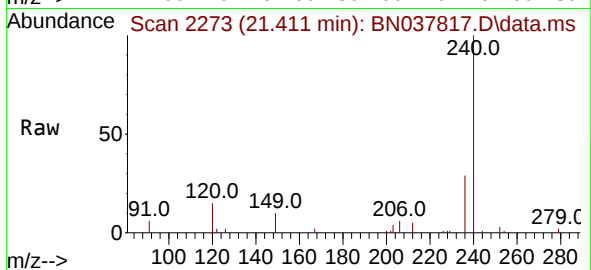
Tgt Ion:240 Resp: 9109

Ion Ratio Lower Upper

240 100

120 14.7 9.2 13.8#

236 29.1 22.6 33.8



#31

Terphenyl-d14

Concen: 0.178 ng

RT: 19.857 min Scan# 2084

Delta R.T. -0.014 min

Lab File: BN037817.D

Acq: 19 Sep 2025 16:45

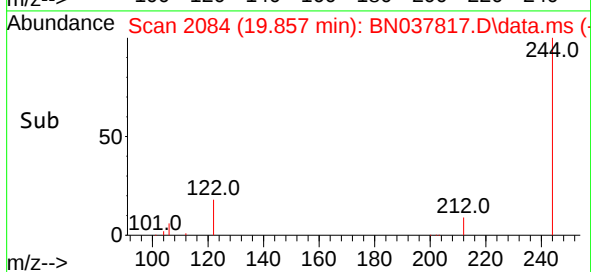
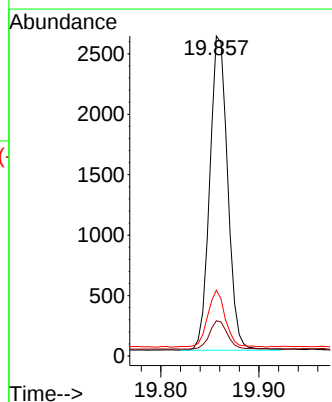
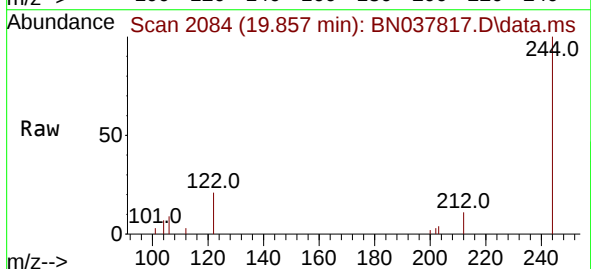
Tgt Ion:244 Resp: 3298

Ion Ratio Lower Upper

244 100

212 11.0 7.5 11.3

122 20.5 13.2 19.8#

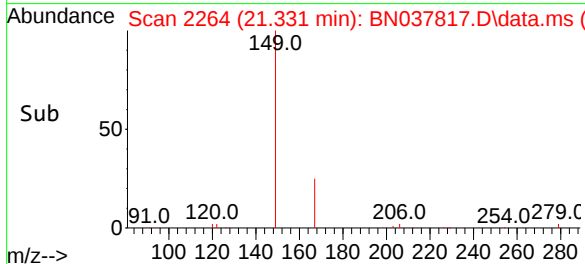
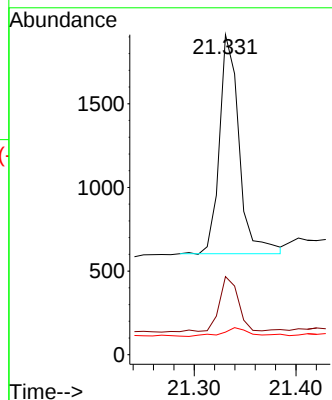
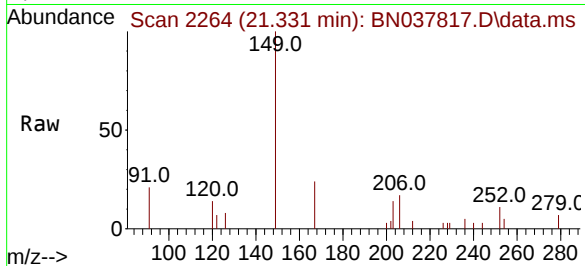




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.187 ng
RT: 21.331 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN037817.D
Acq: 19 Sep 2025 16:45

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 1758
Ion Ratio Lower Upper
149 100
167 24.3 20.8 31.2
279 6.2 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: BN037817.D
Acq: 19 Sep 2025 16:45

Tgt Ion:264 Resp: 8982
Ion Ratio Lower Upper
264 100
260 27.1 21.8 32.8
265 86.9 39.4 59.2#

