

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037780.D
 Acq On : 18 Sep 2025 17:00
 Operator : RC/JU
 Sample : Q3097-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 18 17:38:57 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)

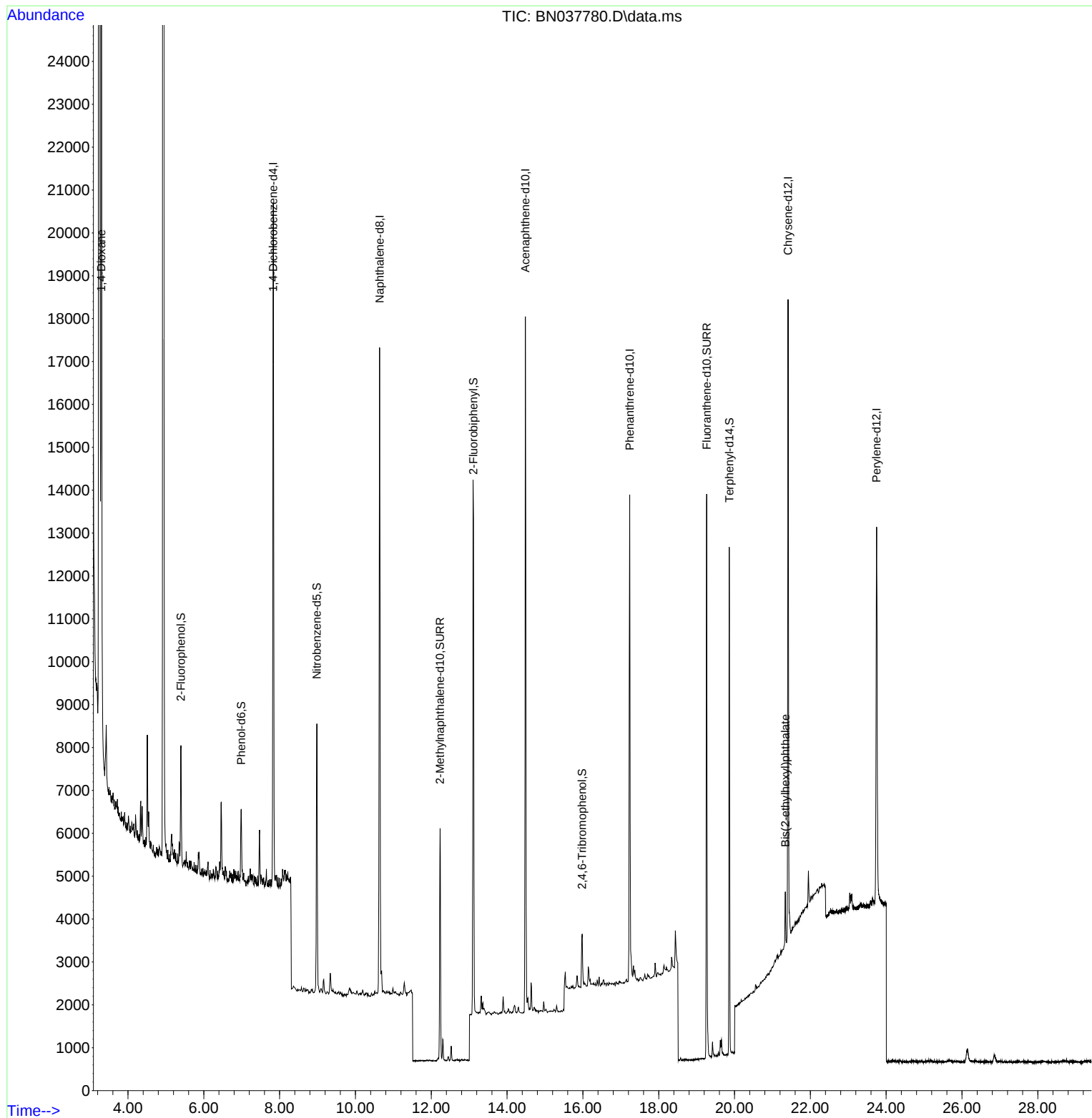
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	7245	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	19496	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	8745	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	15845	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	13110	0.400	ng	# 0.00
35) Perylene-d12	23.747	264	12712	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2265	0.136	ng	0.00
5) Phenol-d6	6.988	99	1626	0.075	ng	0.00
8) Nitrobenzene-d5	8.982	82	4800	0.337	ng	-0.01
11) 2-Methylnaphthalene-d10	12.233	152	7198	0.279	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	917	0.402	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	11230	0.307	ng	0.00
27) Fluoranthene-d10	19.266	212	14489	0.364	ng	0.00
31) Terphenyl-d14	19.861	244	10642	0.400	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	15827	2.097	ng	97
34) Bis(2-ethylhexyl)phtha...	21.340	149	1305	0.096	ng	# 98

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

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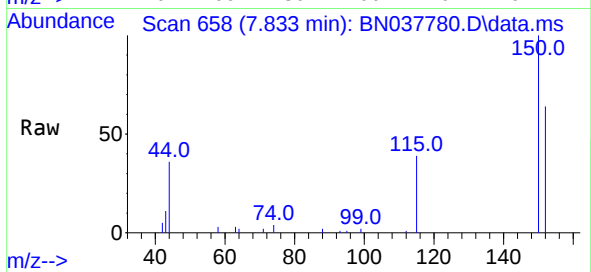
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



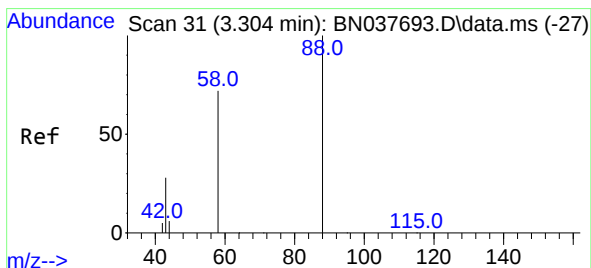
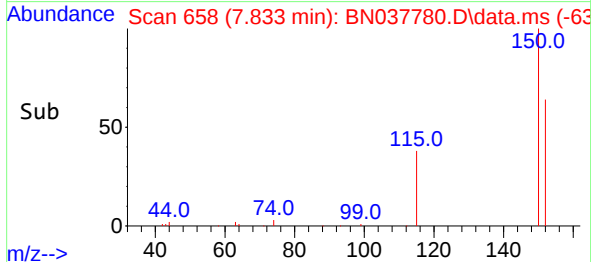
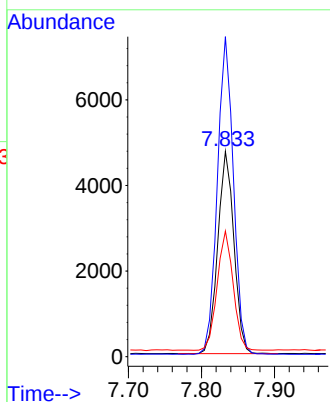


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037780.D
 Acq: 18 Sep 2025 17:00

Instrument :
 BNA_N
 ClientSampleId :

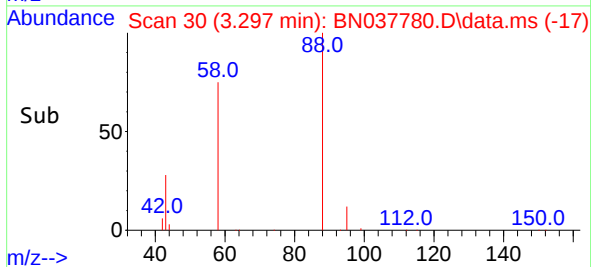
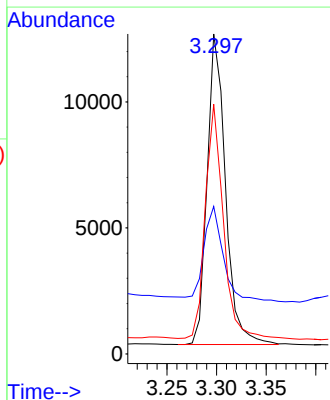
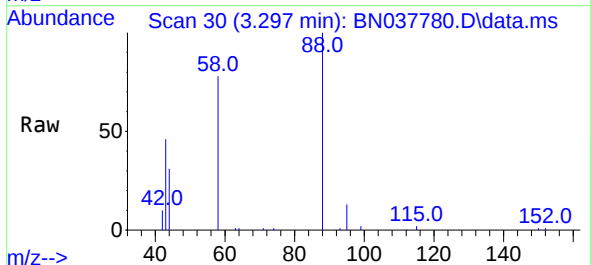


Tgt Ion:152 Resp: 7245
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.5 186.7
 115 61.1 49.2 73.8



#2
 1,4-Dioxane
 Concen: 2.097 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037780.D
 Acq: 18 Sep 2025 17:00

Tgt Ion: 88 Resp: 15827
 Ion Ratio Lower Upper
 88 100
 43 32.9 26.8 40.2
 58 73.7 61.9 92.9

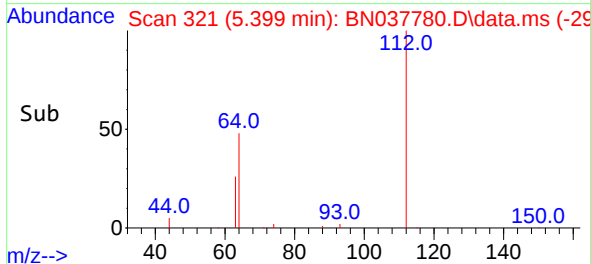
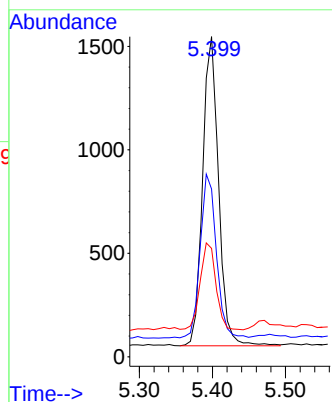
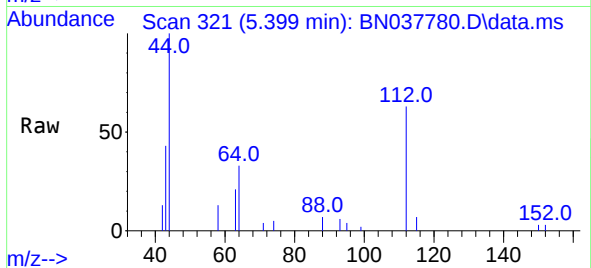




#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037780.D
Acq: 18 Sep 2025 17:00

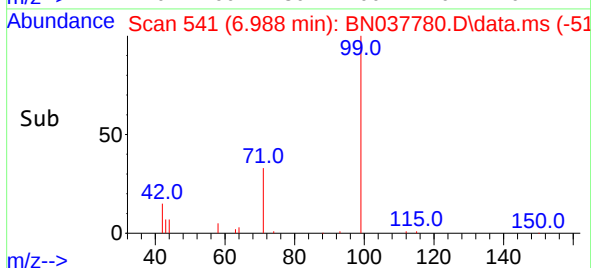
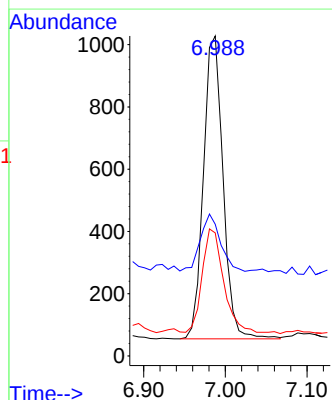
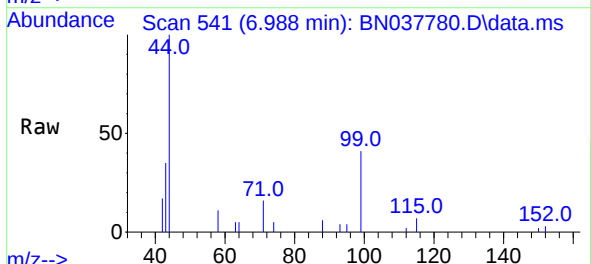
Instrument :
BNA_N
ClientSampleId :

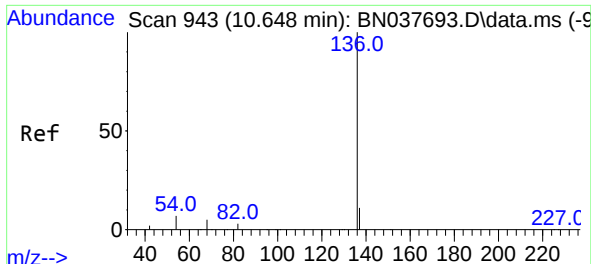
Tgt Ion:112 Resp: 2265
Ion Ratio Lower Upper
112 100
64 54.1 44.9 67.3
63 27.9 24.7 37.1



#5
Phenol-d6
Concen: 0.075 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037780.D
Acq: 18 Sep 2025 17:00

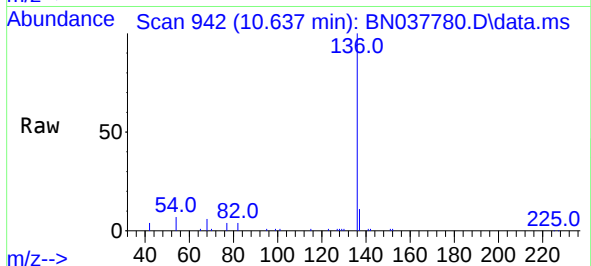
Tgt Ion: 99 Resp: 1626
Ion Ratio Lower Upper
99 100
42 19.2 16.6 24.8
71 38.5 26.7 40.1



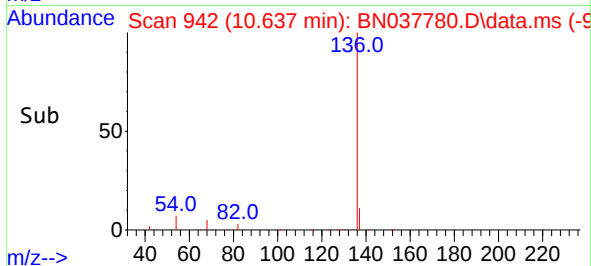
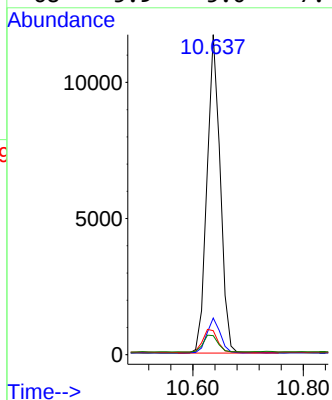


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037780.D
Acq: 18 Sep 2025 17:00

Instrument :
BNA_N
ClientSampleId :

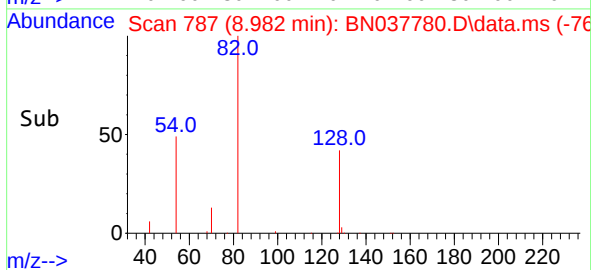
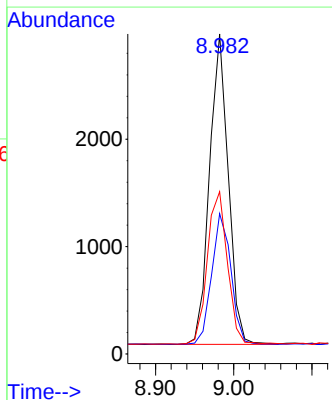
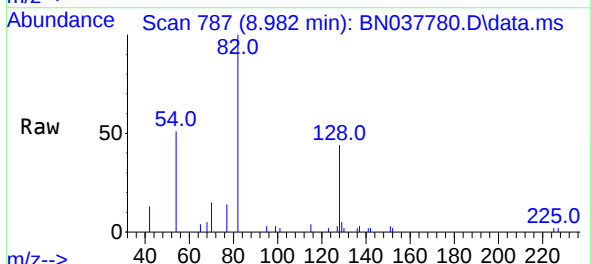


Tgt Ion:136 Resp: 19496
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 7.5 6.3 9.5
68 5.9 5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037780.D
Acq: 18 Sep 2025 17:00

Tgt Ion: 82 Resp: 4800
Ion Ratio Lower Upper
82 100
128 43.8 38.3 57.5
54 50.7 41.4 62.2

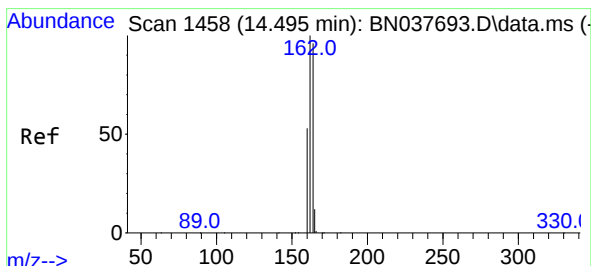
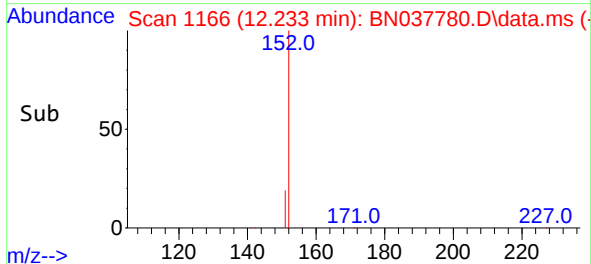
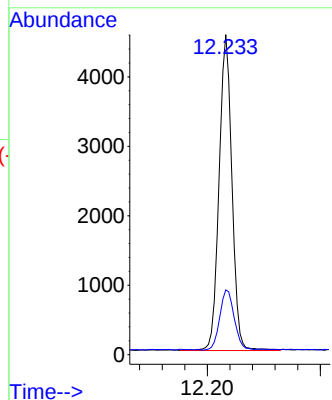
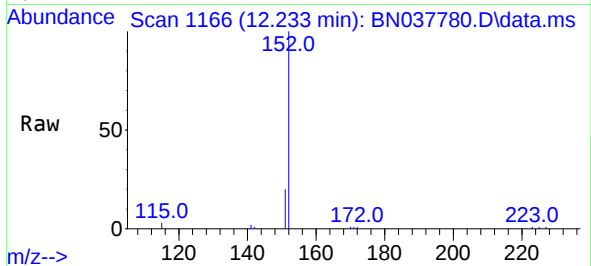




#11
2-Methylnaphthalene-d10
Concen: 0.279 ng
RT: 12.233 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037780.D
Acq: 18 Sep 2025 17:00

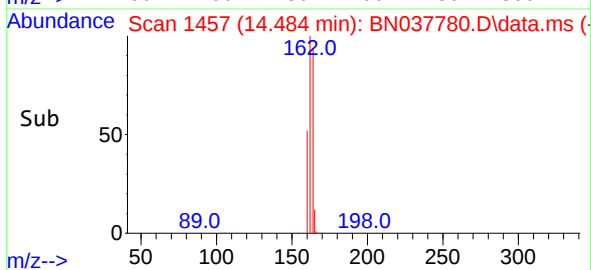
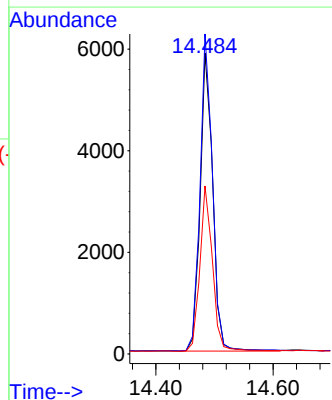
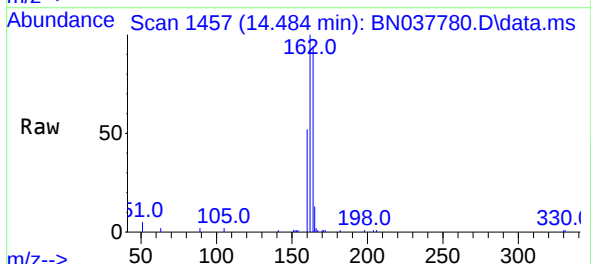
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7198
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: BN037780.D
Acq: 18 Sep 2025 17:00

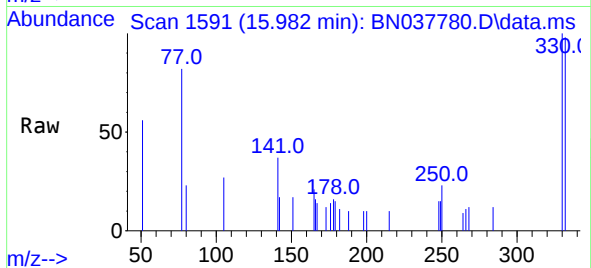
Tgt Ion:164 Resp: 8745
Ion Ratio Lower Upper
164 100
162 106.3 83.1 124.7
160 55.8 44.3 66.5



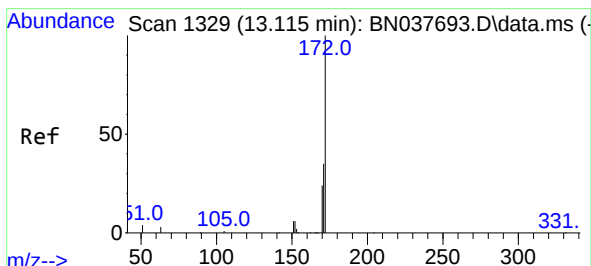
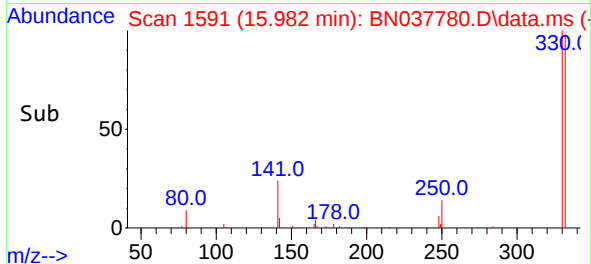
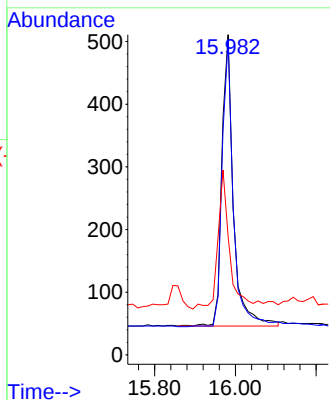


#14
2,4,6-Tribromophenol
Concen: 0.402 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037780.D
Acq: 18 Sep 2025 17:00

Instrument :
BNA_N
ClientSampleId :

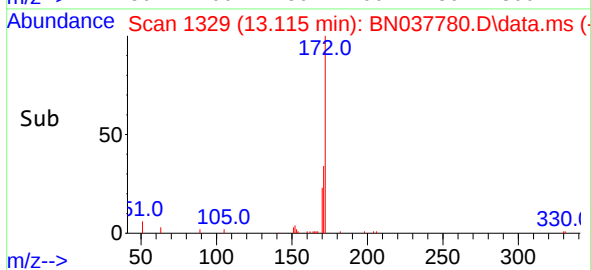
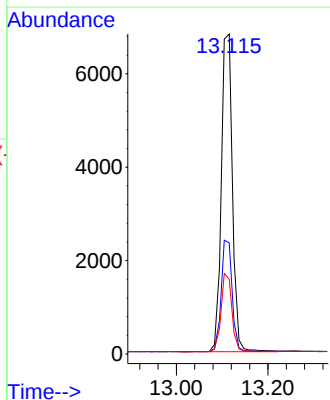
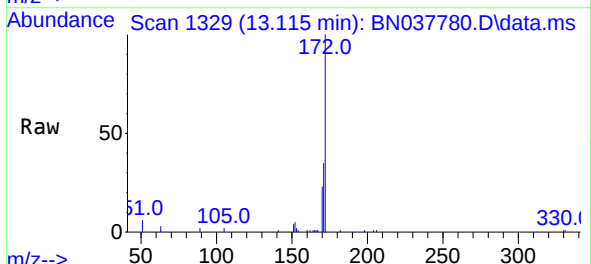


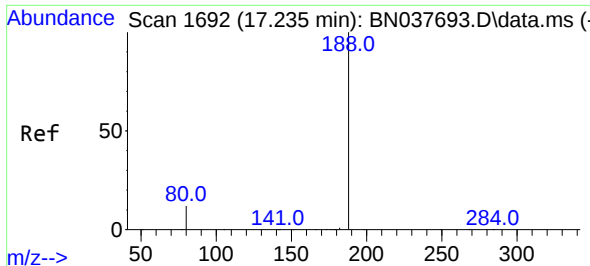
Tgt Ion:330 Resp: 917
Ion Ratio Lower Upper
330 100
332 95.4 75.3 112.9
141 48.1 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 13.115 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BN037780.D
Acq: 18 Sep 2025 17:00

Tgt Ion:172 Resp: 11230
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 23.4 19.8 29.8

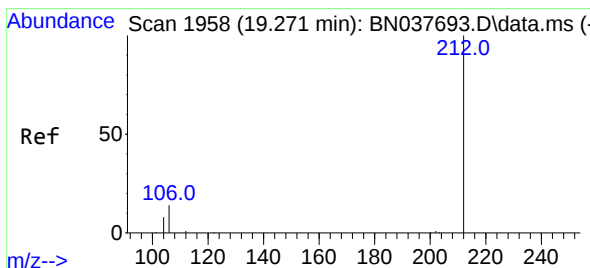
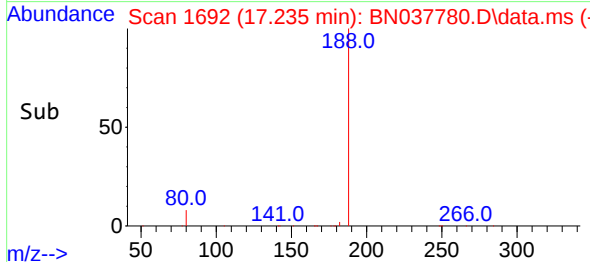
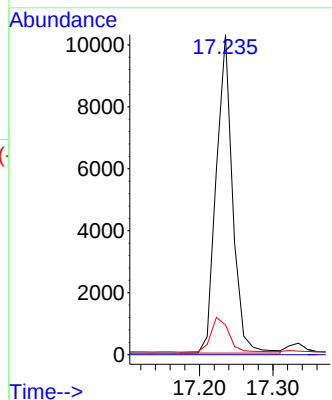
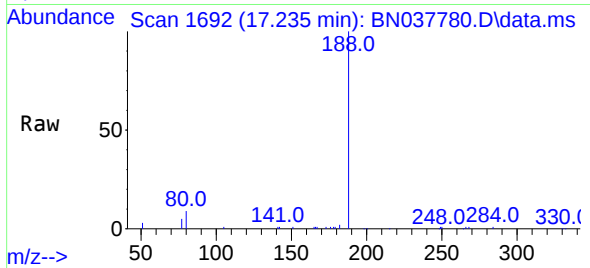




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037780.D
Acq: 18 Sep 2025 17:00

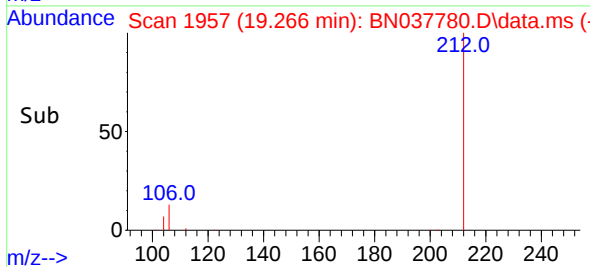
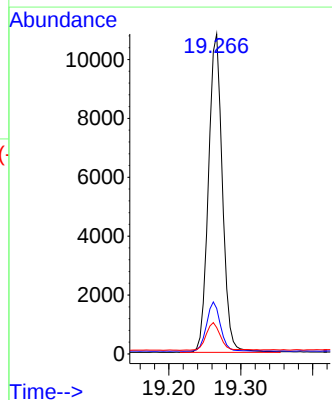
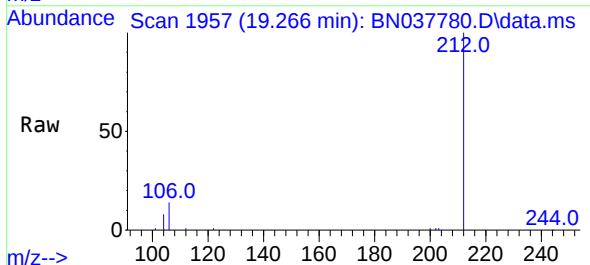
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 15845
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.266 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN037780.D
Acq: 18 Sep 2025 17:00

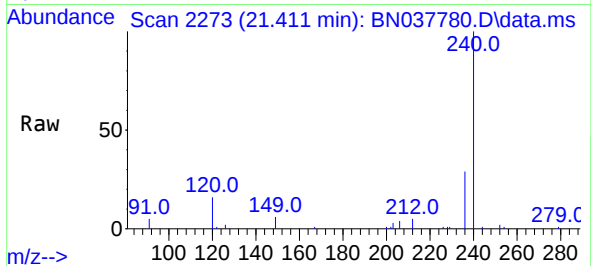
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Ion Ratio Lower Upper
212 100
106 15.4 12.2 18.2
104 9.0 6.9 10.3



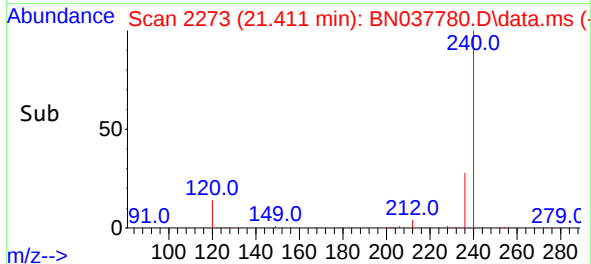
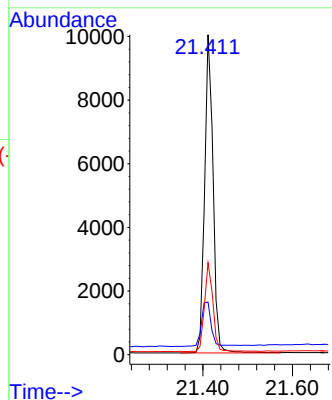


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037780.D
Acq: 18 Sep 2025 17:00

Instrument :
BNA_N
ClientSampleId :

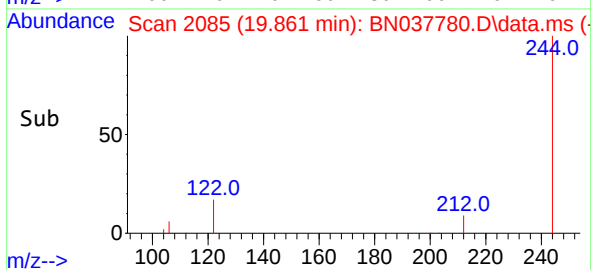
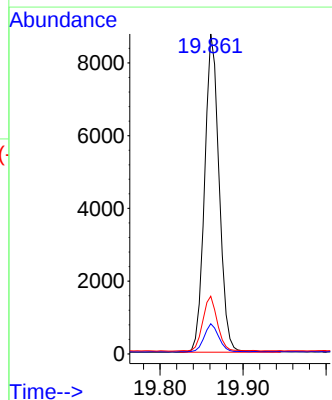
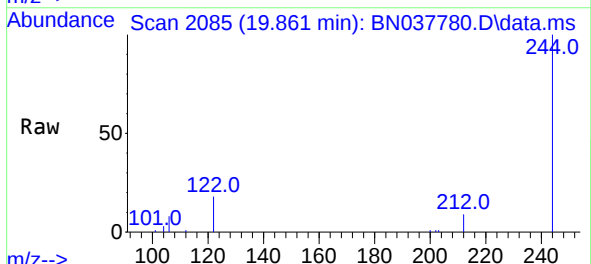


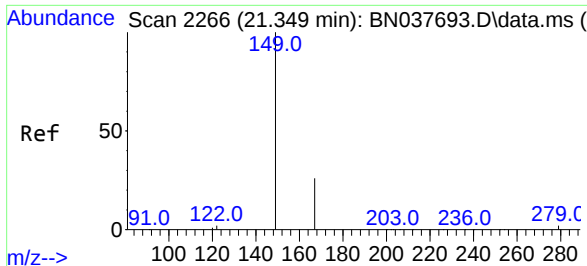
Tgt Ion:240 Resp: 13110
Ion Ratio Lower Upper
240 100
120 16.5 9.2 13.8#
236 28.7 22.6 33.8



#31
Terphenyl-d14
Concen: 0.400 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.009 min
Lab File: BN037780.D
Acq: 18 Sep 2025 17:00

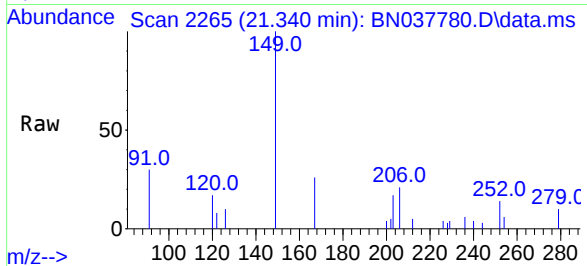
Tgt Ion:244 Resp: 10642
Ion Ratio Lower Upper
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212 9.4 7.5 11.3
122 18.1 13.2 19.8



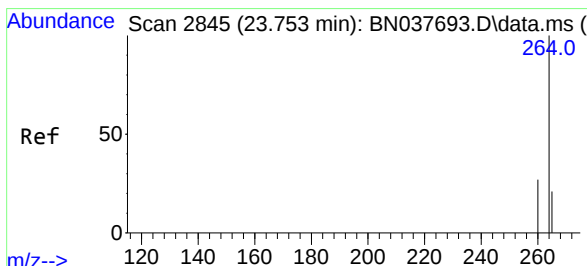
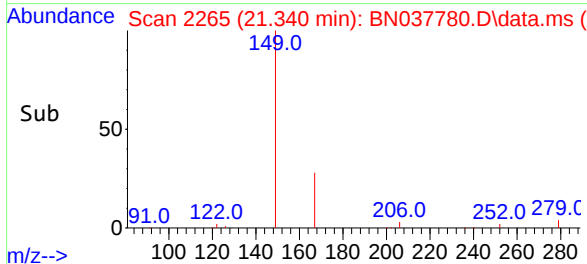
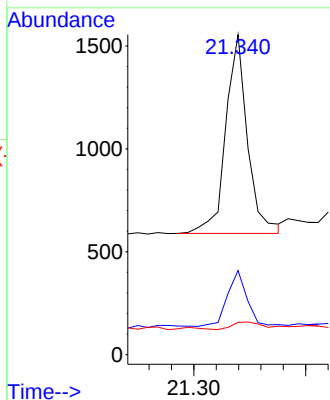


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.096 ng
RT: 21.340 min Scan# 2134
Delta R.T. -0.009 min
Lab File: BN037780.D
Acq: 18 Sep 2025 17:00

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:149 Resp: 1305
Ion Ratio Lower Upper
149 100
167 25.6 20.8 31.2
279 6.2 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: BN037780.D
Acq: 18 Sep 2025 17:00

Tgt Ion:264 Resp: 12712
Ion Ratio Lower Upper
264 100
260 26.8 21.8 32.8
265 66.9 39.4 59.2#

