

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037799.D
 Acq On : 19 Sep 2025 05:13
 Operator : RC/JU
 Sample : Q3095-31
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D-20250911

Quant Time: Sep 19 07:42:41 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)

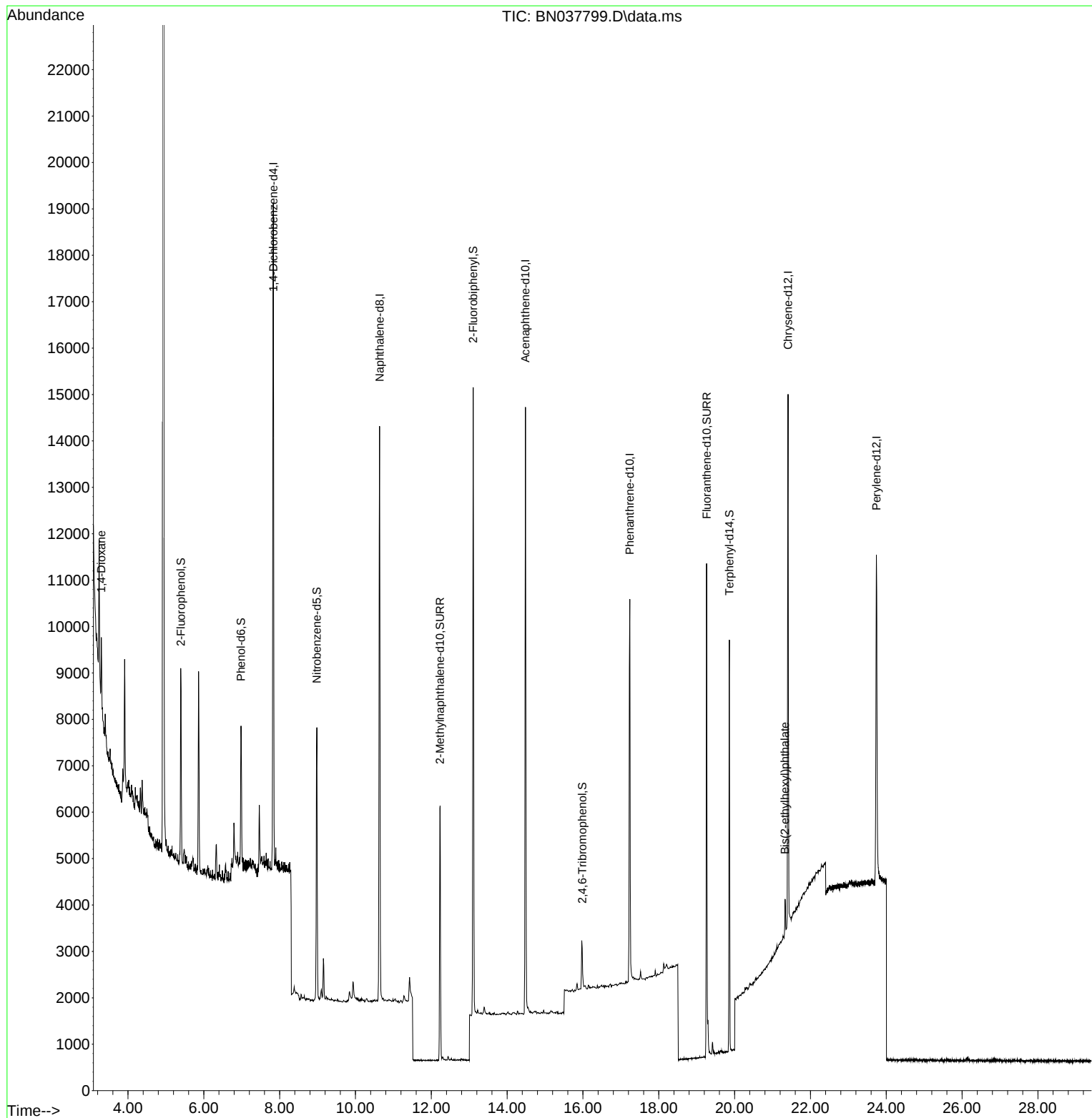
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	6964	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	16642	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	7189	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	12481	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	10625	0.400	ng	0.00
35) Perylene-d12	23.741	264	10338	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	3349	0.209	ng	0.00
5) Phenol-d6	6.980	99	2838	0.137	ng	0.00
8) Nitrobenzene-d5	8.982	82	4713	0.387	ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	7550	0.342	ng	-0.02
14) 2,4,6-Tribromophenol	15.982	330	752	0.401	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	11713	0.390	ng	-0.01
27) Fluoranthene-d10	19.262	212	11399	0.364	ng	0.00
31) Terphenyl-d14	19.861	244	8383	0.389	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.297	88	788	0.109	ng	# 32
34) Bis(2-ethylhexyl)phtha...	21.331	149	816	0.074	ng	# 96

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

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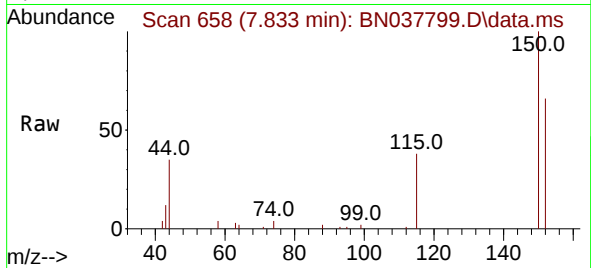
Quant Time: Sep 19 07:42:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



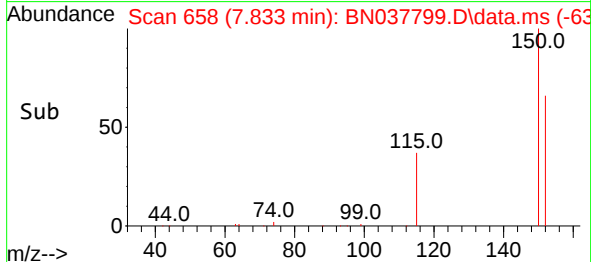
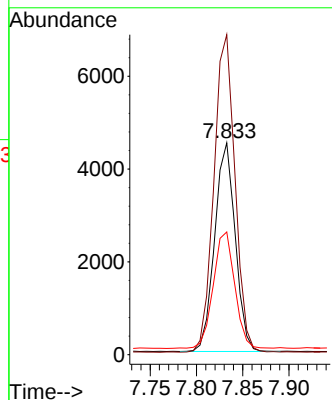


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037799.D
 Acq: 19 Sep 2025 05:13

Instrument :
 BNA_N
 ClientSampleId :
 TT180D-20250911

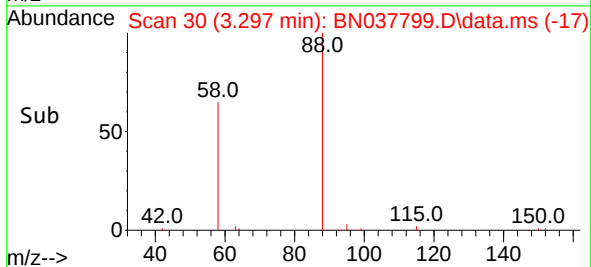
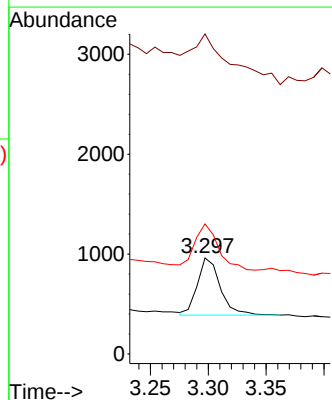
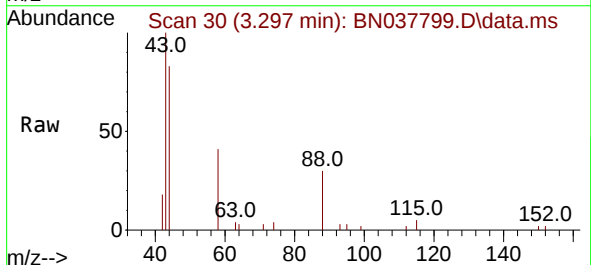


Tgt Ion:152 Resp: 6964
 Ion Ratio Lower Upper
 152 100
 150 151.1 124.5 186.7
 115 57.9 49.2 73.8



#2
 1,4-Dioxane
 Concen: 0.109 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037799.D
 Acq: 19 Sep 2025 05:13

Tgt Ion: 88 Resp: 788
 Ion Ratio Lower Upper
 88 100
 43 153.0 26.8 40.2#
 58 83.1 61.9 92.9

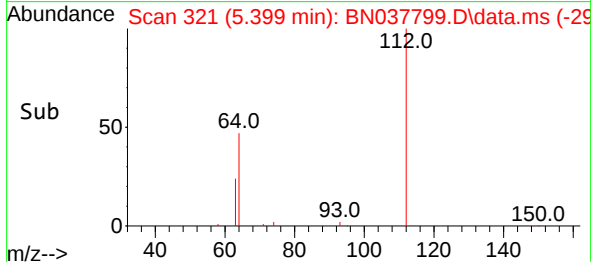
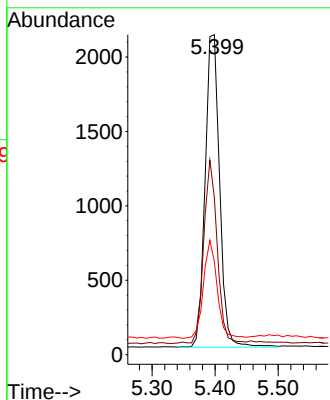
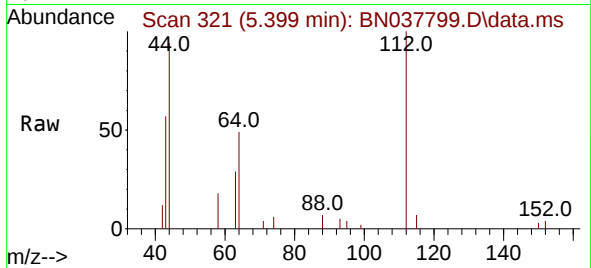




#4
2-Fluorophenol
Concen: 0.209 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037799.D
Acq: 19 Sep 2025 05:13

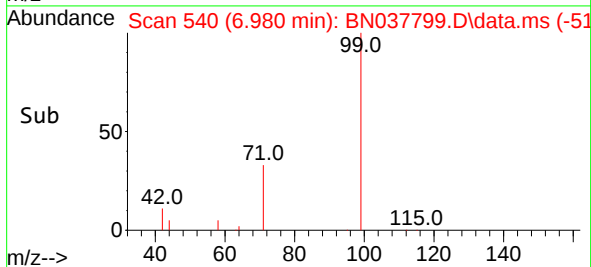
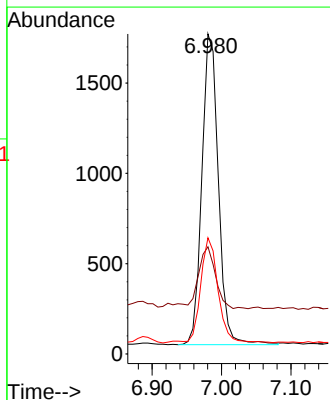
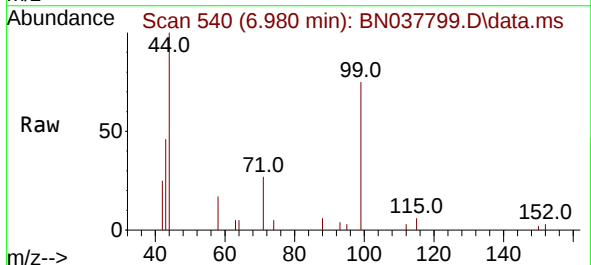
Instrument :
BNA_N
ClientSampleId :
TT180D-20250911

Tgt Ion:112 Resp: 3349
Ion Ratio Lower Upper
112 100
64 54.8 44.9 67.3
63 29.7 24.7 37.1



#5
Phenol-d6
Concen: 0.137 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037799.D
Acq: 19 Sep 2025 05:13

Tgt Ion: 99 Resp: 2838
Ion Ratio Lower Upper
99 100
42 20.5 16.6 24.8
71 36.2 26.7 40.1

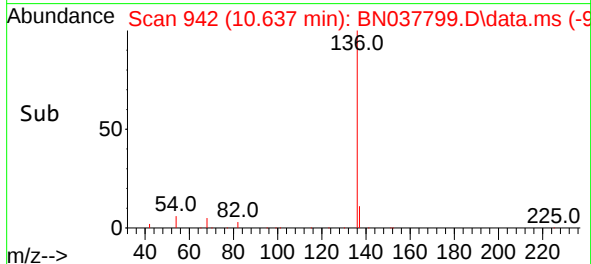
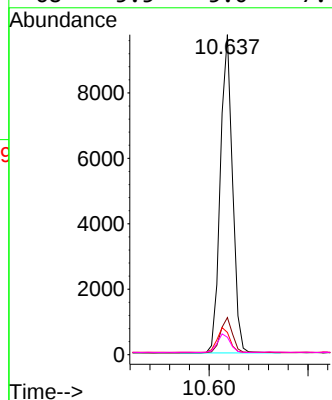
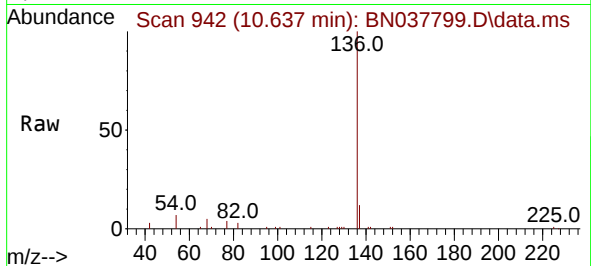




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037799.D
Acq: 19 Sep 2025 05:13

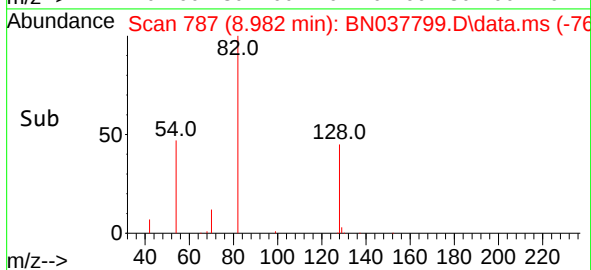
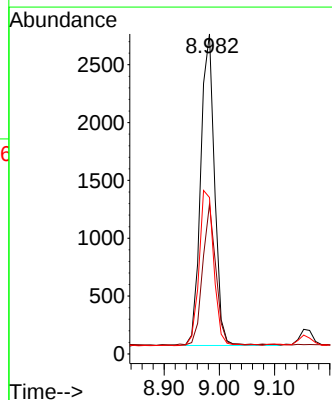
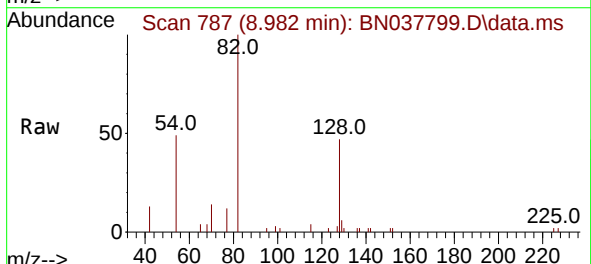
Instrument :
BNA_N
ClientSampleId :
TT180D-20250911

Tgt Ion:	136	Resp:	16642
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.1	13.7
54	6.9	6.3	9.5
68	5.5	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037799.D
Acq: 19 Sep 2025 05:13

Tgt Ion:	82	Resp:	4713
Ion Ratio	Lower	Upper	
82	100		
128	46.8	38.3	57.5
54	48.9	41.4	62.2

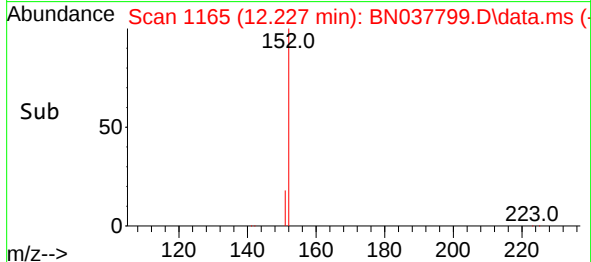
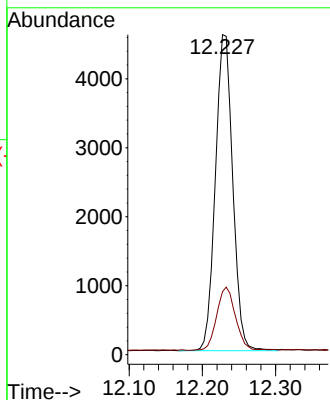
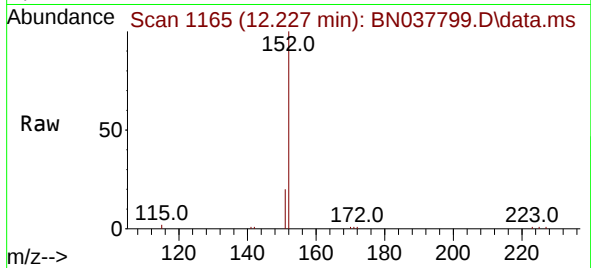




#11
2-Methylnaphthalene-d10
Concen: 0.342 ng
RT: 12.227 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037799.D
Acq: 19 Sep 2025 05:13

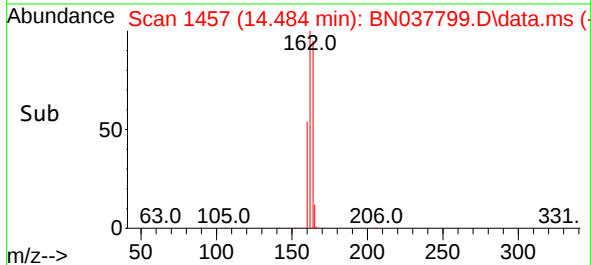
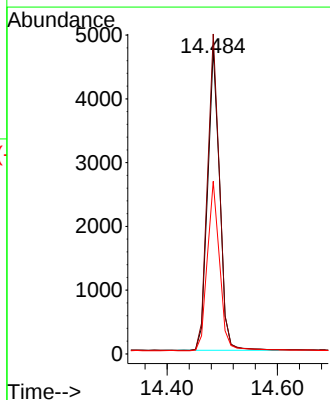
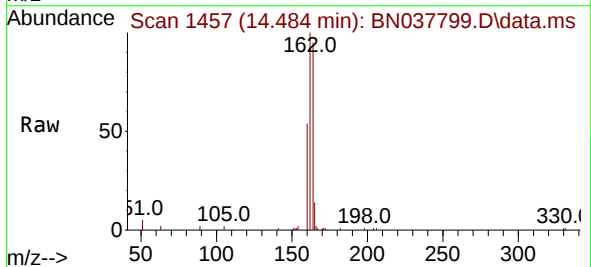
Instrument :
BNA_N
ClientSampleId :
TT180D-20250911

Tgt Ion:152 Resp: 7550
Ion Ratio Lower Upper
152 100
151 21.6 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: BN037799.D
Acq: 19 Sep 2025 05:13

Tgt Ion:164 Resp: 7189
Ion Ratio Lower Upper
164 100
162 104.8 83.1 124.7
160 56.5 44.3 66.5

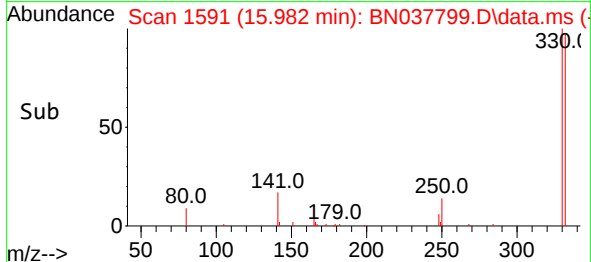
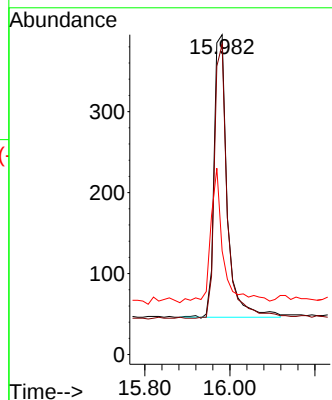
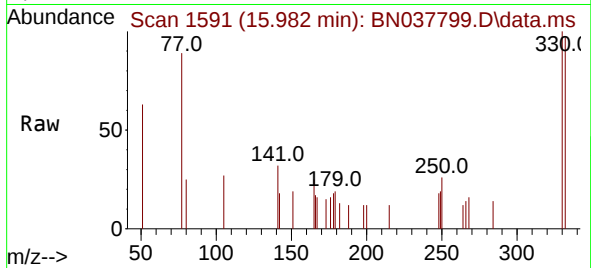




#14
2,4,6-Tribromophenol
Concen: 0.401 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037799.D
Acq: 19 Sep 2025 05:13

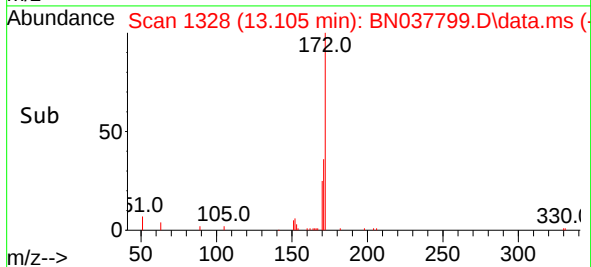
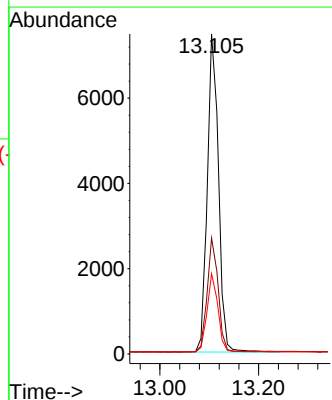
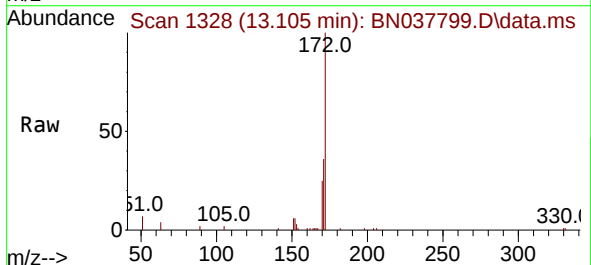
Instrument :
BNA_N
ClientSampleId :
TT180D-20250911

Tgt Ion:330 Resp: 752
Ion Ratio Lower Upper
330 100
332 95.1 75.3 112.9
141 46.9 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037799.D
Acq: 19 Sep 2025 05:13

Tgt Ion:172 Resp: 11713
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 25.0 19.8 29.8

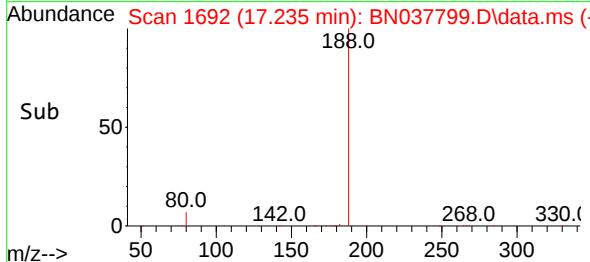
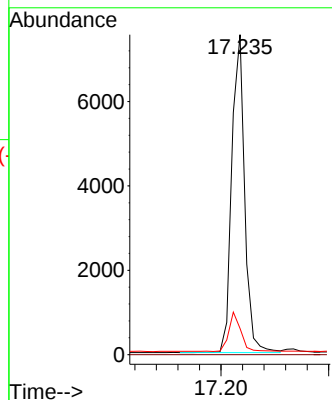
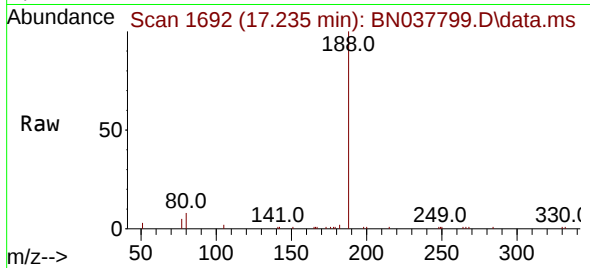




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037799.D
Acq: 19 Sep 2025 05:13

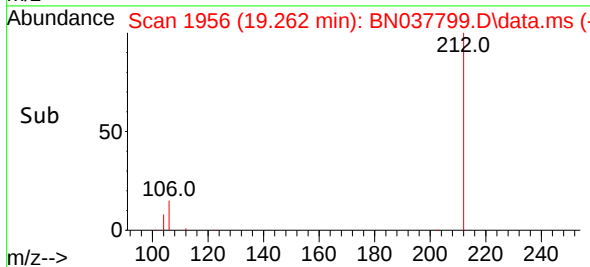
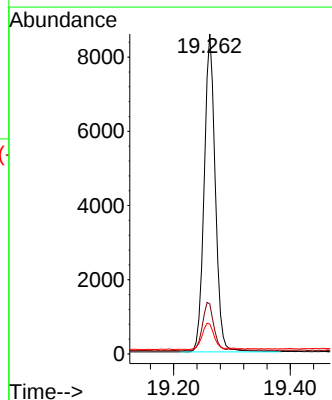
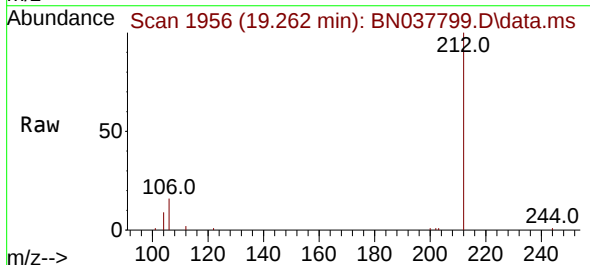
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TT180D-20250911

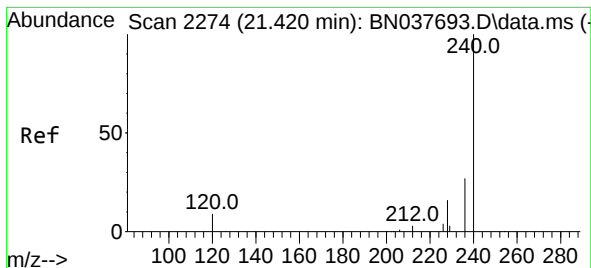
Tgt Ion:188 Resp: 12481
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037799.D
Acq: 19 Sep 2025 05:13

Tgt Ion:212 Resp: 11399
Ion Ratio Lower Upper
212 100
106 16.2 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: BN037799.D

Acq: 19 Sep 2025 05:13

Instrument :

BNA_N

ClientSampleId :

TT180D-20250911

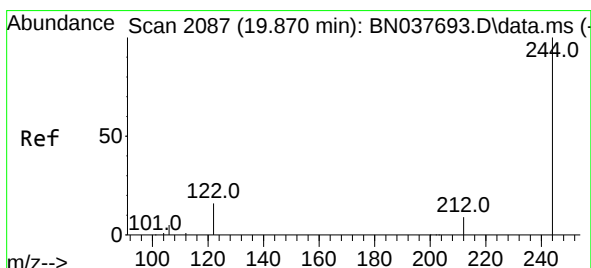
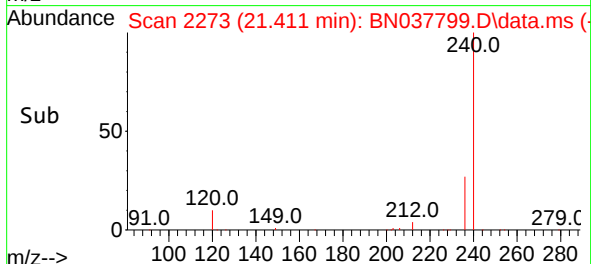
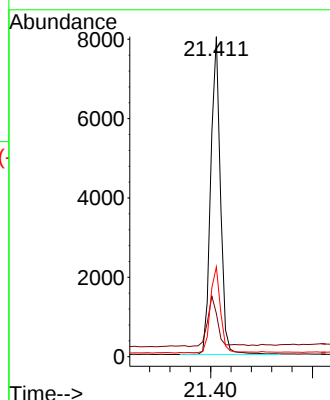
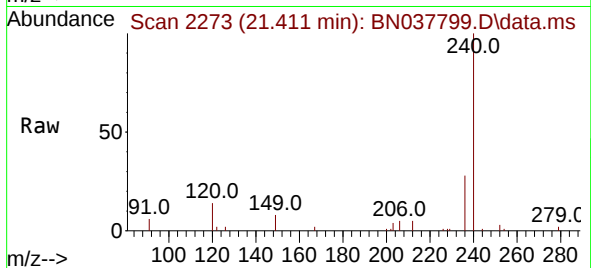
Tgt Ion:240 Resp: 10625

Ion Ratio Lower Upper

240 100

120 13.5 9.2 13.8

236 28.1 22.6 33.8



#31

Terphenyl-d14

Concen: 0.389 ng

RT: 19.861 min Scan# 2085

Delta R.T. -0.009 min

Lab File: BN037799.D

Acq: 19 Sep 2025 05:13

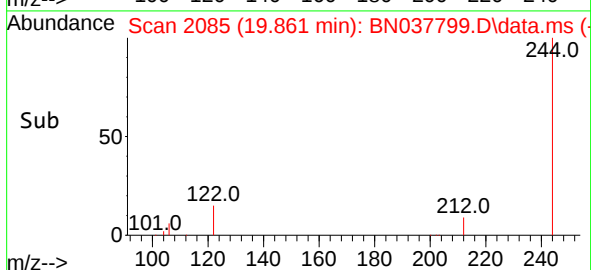
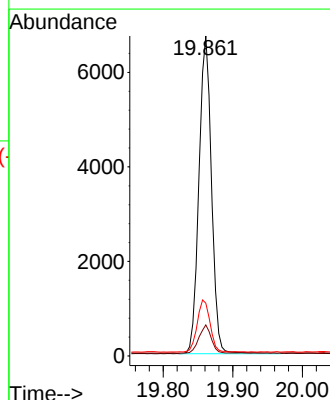
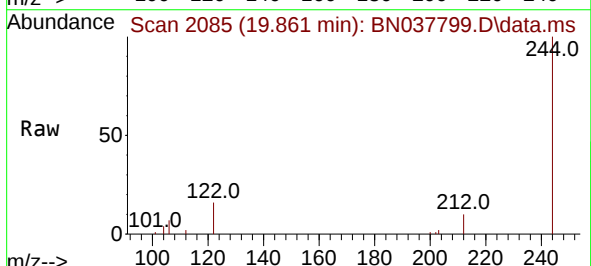
Tgt Ion:244 Resp: 8383

Ion Ratio Lower Upper

244 100

212 9.7 7.5 11.3

122 16.5 13.2 19.8

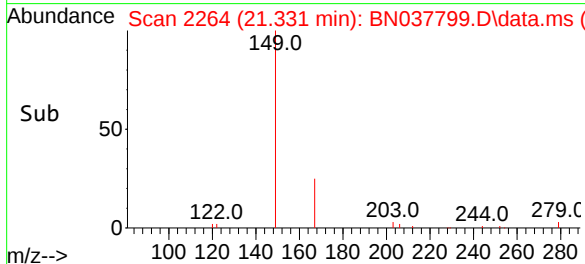
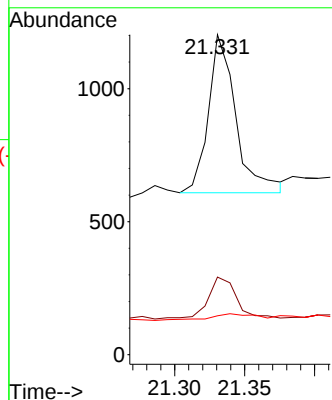
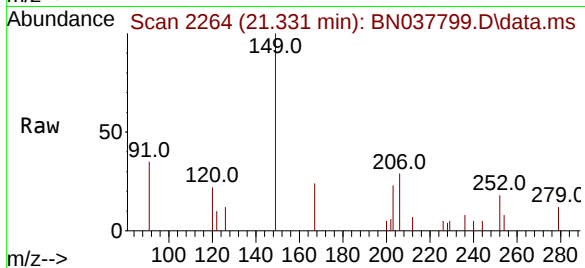




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.074 ng
RT: 21.331 min Scan# 21331
Delta R.T. -0.018 min
Lab File: BN037799.D
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Tgt Ion:149 Resp: 816
Ion Ratio Lower Upper
149 100
167 27.8 20.8 31.2
279 7.0 3.3 4.9#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.741 min Scan# 2841
Delta R.T. -0.012 min
Lab File: BN037799.D
Acq: 19 Sep 2025 05:13

Tgt Ion:264 Resp: 10338
Ion Ratio Lower Upper
264 100
260 26.5 21.8 32.8
265 80.2 39.4 59.2#

