

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037803.D
 Acq On : 19 Sep 2025 07:37
 Operator : RC/JU
 Sample : Q3097-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20250911

Quant Time: Sep 19 08:02:10 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)

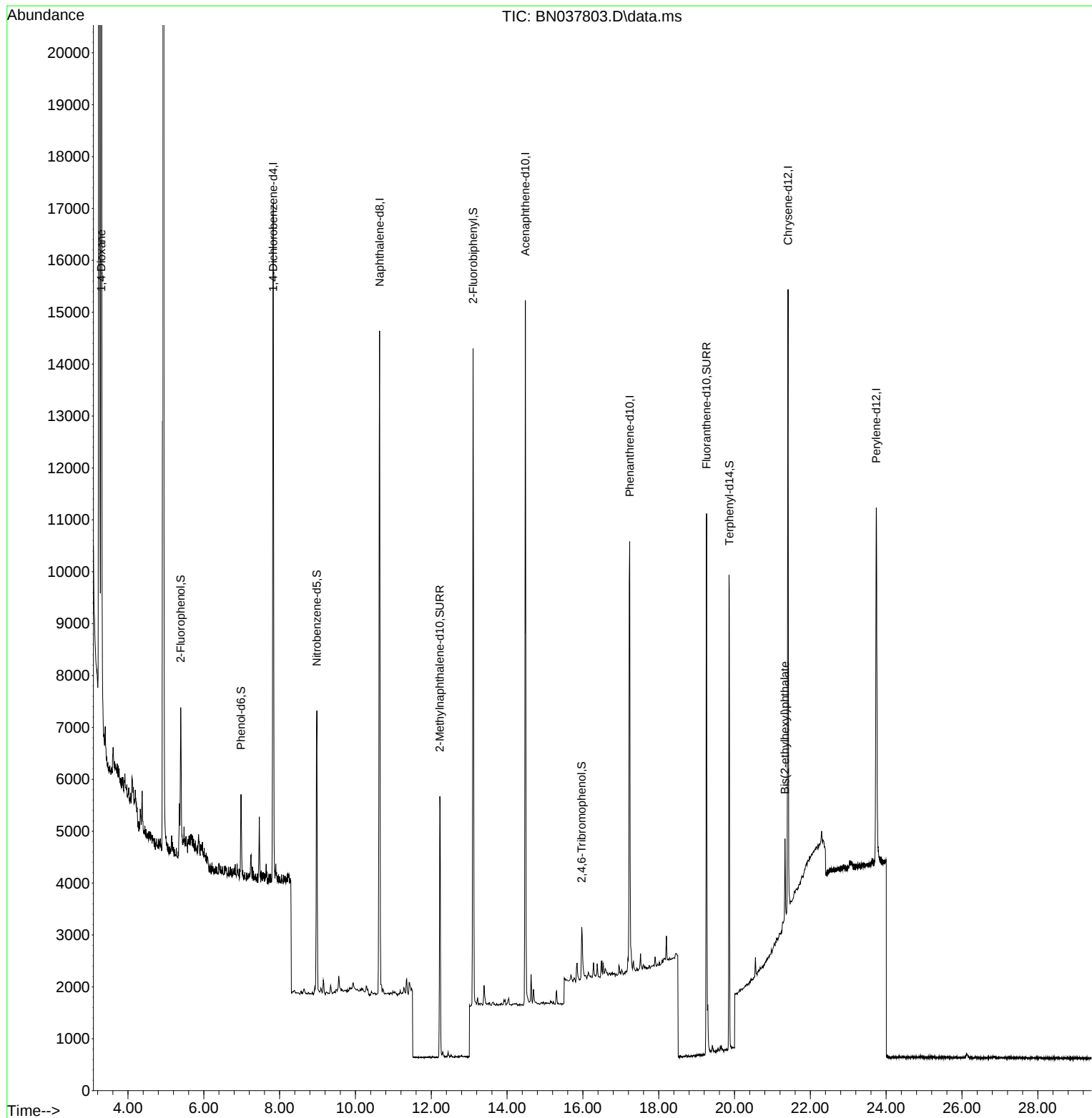
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	6422	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	16969	0.400	ng	#-0.01
13) Acenaphthene-d10	14.484	164	7436	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	12905	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	10811	0.400	ng	0.00
35) Perylene-d12	23.738	264	9925	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	2057	0.140	ng	0.00
5) Phenol-d6	6.980	99	1389	0.073	ng	0.00
8) Nitrobenzene-d5	8.982	82	4366	0.352	ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	6754	0.300	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	693	0.357	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	10701	0.344	ng	-0.01
27) Fluoranthene-d10	19.262	212	11673	0.360	ng	0.00
31) Terphenyl-d14	19.861	244	8702	0.397	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.297	88	24827	3.712	ng	96
34) Bis(2-ethylhexyl)phtha...	21.331	149	1471	0.132	ng	# 97

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

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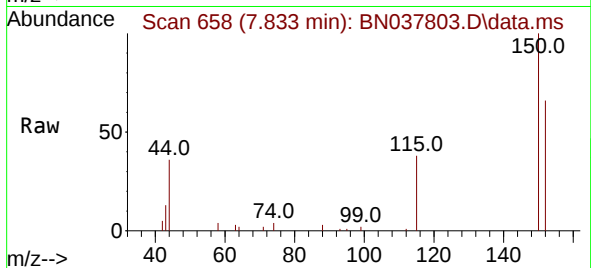
Quant Time: Sep 19 08:02:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration





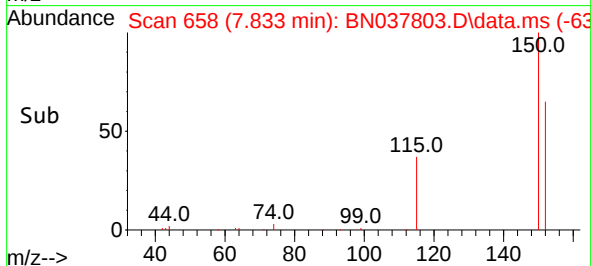
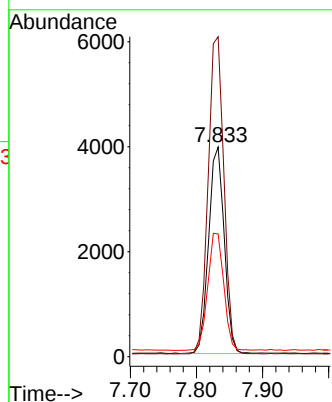
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037803.D
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Instrument :
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 ClientSampleId :
 DUP04-20250911



Tgt Ion:152 Resp: 6422

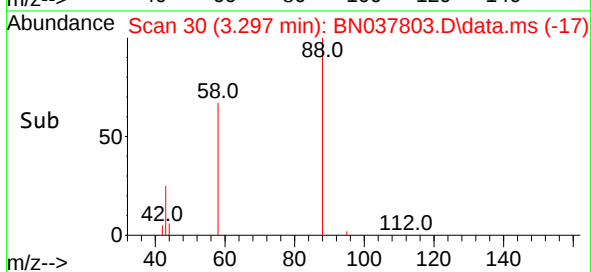
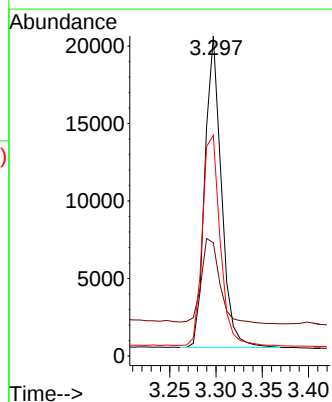
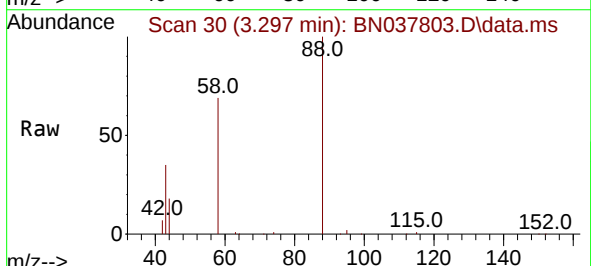
Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.5	186.7
115	58.6	49.2	73.8



#2
 1,4-Dioxane
 Concen: 3.712 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037803.D
 Acq: 19 Sep 2025 07:37

Tgt Ion: 88 Resp: 24827

Ion	Ratio	Lower	Upper
88	100		
43	31.1	26.8	40.2
58	73.4	61.9	92.9

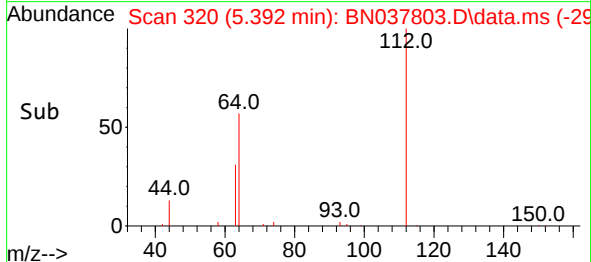
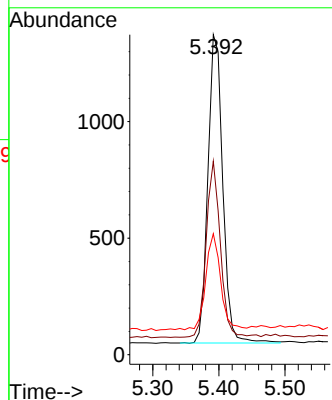
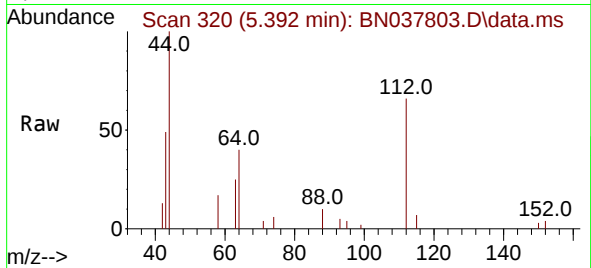




#4
2-Fluorophenol
Concen: 0.140 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037803.D
Acq: 19 Sep 2025 07:37

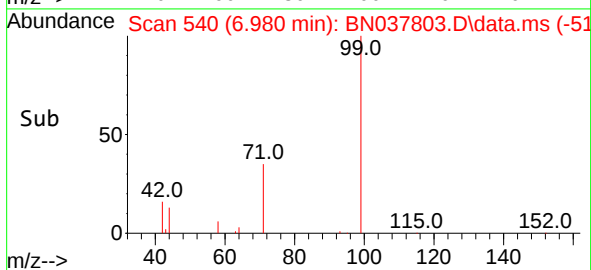
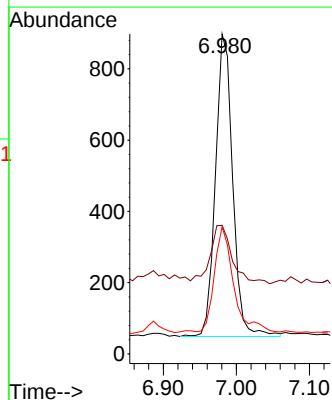
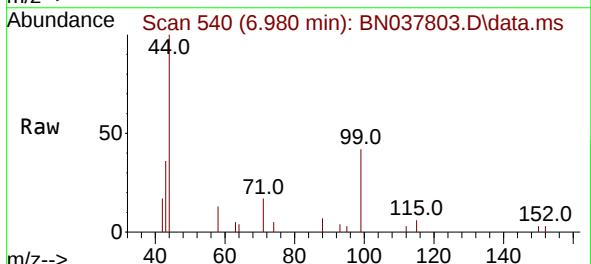
Instrument :
BNA_N
ClientSampleId :
DUP04-20250911

Tgt Ion:112 Resp: 2057
Ion Ratio Lower Upper
112 100
64 54.6 44.9 67.3
63 31.0 24.7 37.1



#5
Phenol-d6
Concen: 0.073 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037803.D
Acq: 19 Sep 2025 07:37

Tgt Ion: 99 Resp: 1389
Ion Ratio Lower Upper
99 100
42 24.8 16.6 24.8
71 39.8 26.7 40.1

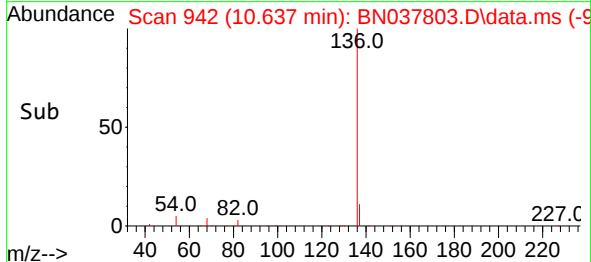
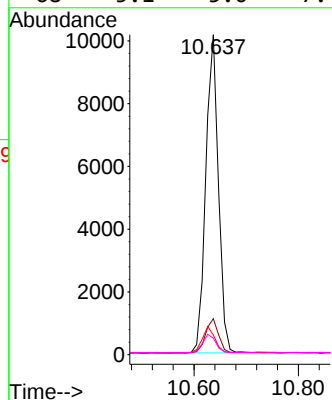
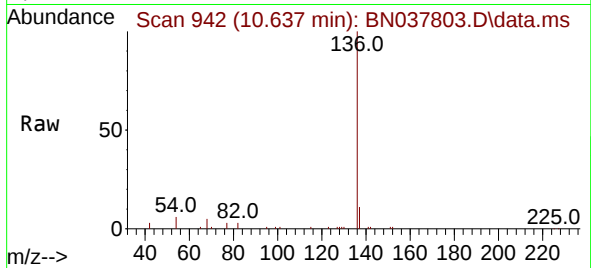




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037803.D
Acq: 19 Sep 2025 07:37

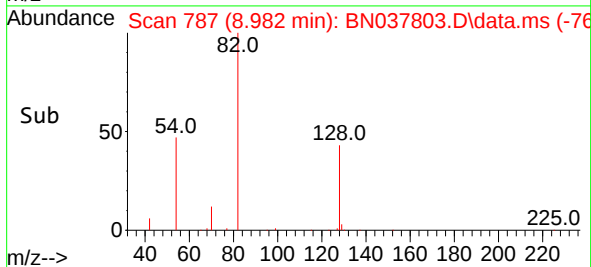
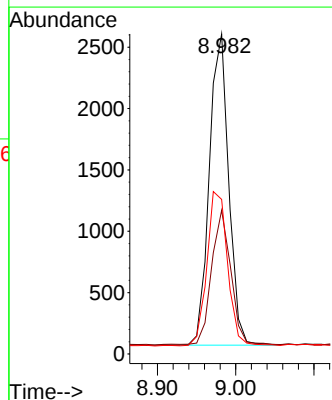
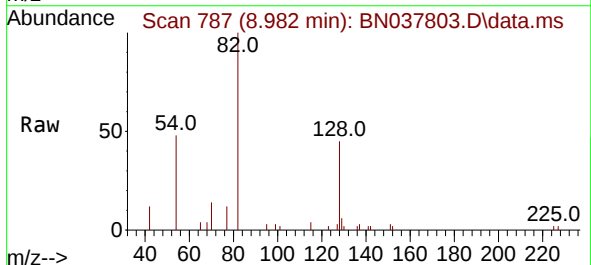
Instrument :
BNA_N
ClientSampleId :
DUP04-20250911

Tgt Ion:136	Resp:	16969
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.1 13.7
54	6.2	6.3 9.5#
68	5.1	5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.352 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037803.D
Acq: 19 Sep 2025 07:37

Tgt Ion: 82	Resp:	4366
Ion Ratio	Lower	Upper
82	100	
128	44.9	38.3 57.5
54	48.3	41.4 62.2

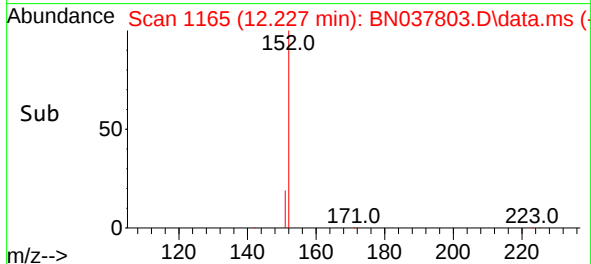
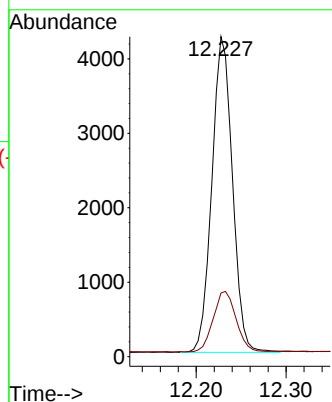
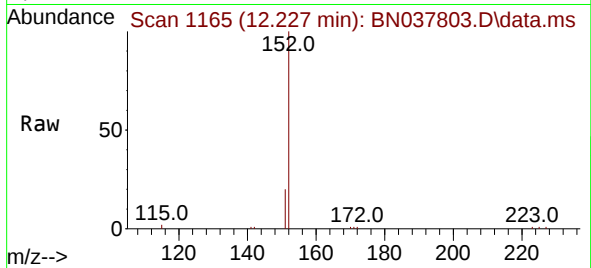




#11
2-Methylnaphthalene-d10
Concen: 0.300 ng
RT: 12.227 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037803.D
Acq: 19 Sep 2025 07:37

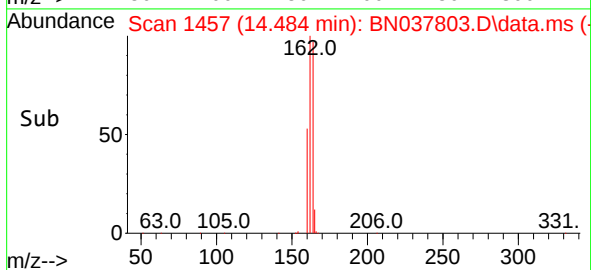
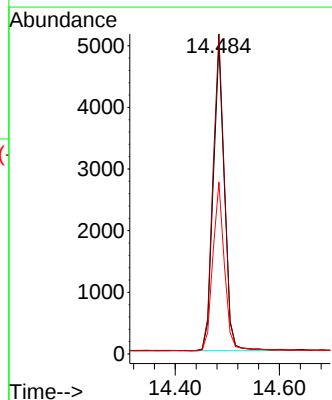
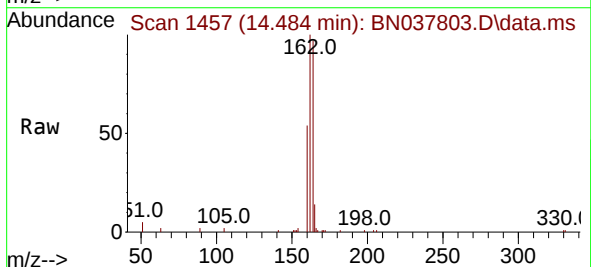
Instrument :
BNA_N
ClientSampleId :
DUP04-20250911

Tgt Ion:152 Resp: 6754
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: BN037803.D
Acq: 19 Sep 2025 07:37

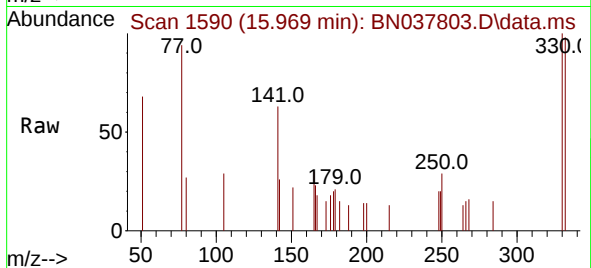
Tgt Ion:164 Resp: 7436
Ion Ratio Lower Upper
164 100
162 103.4 83.1 124.7
160 55.5 44.3 66.5



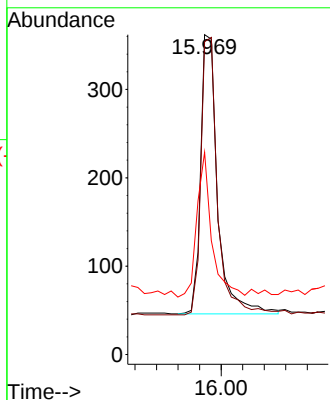
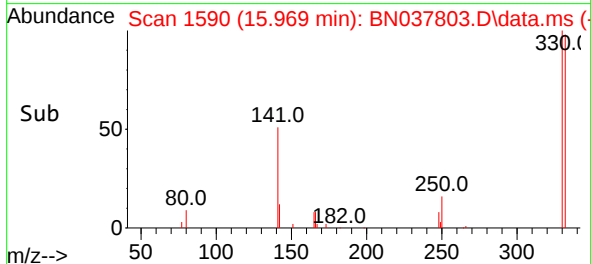


#14
2,4,6-Tribromophenol
Concen: 0.357 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037803.D
Acq: 19 Sep 2025 07:37

Instrument :
BNA_N
ClientSampleId :
DUP04-20250911

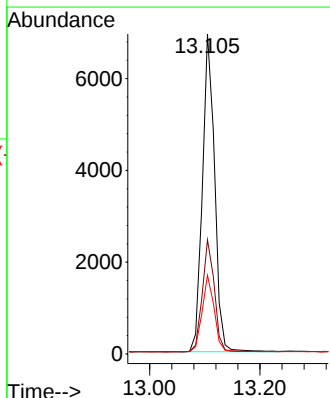
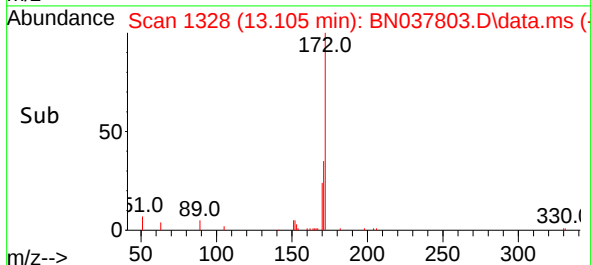
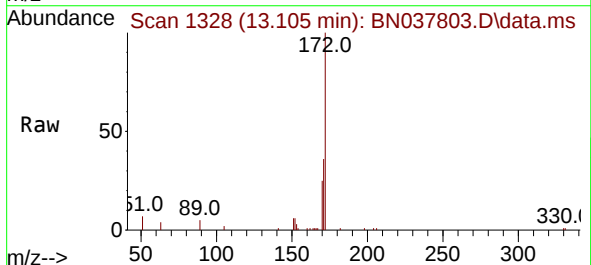


Tgt Ion:330 Resp: 693
Ion Ratio Lower Upper
330 100
332 97.1 75.3 112.9
141 45.3 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037803.D
Acq: 19 Sep 2025 07:37

Tgt Ion:172 Resp: 10701
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.6 19.8 29.8

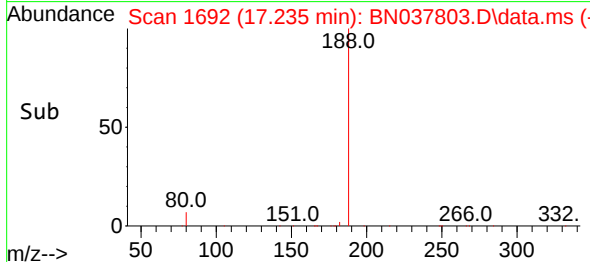
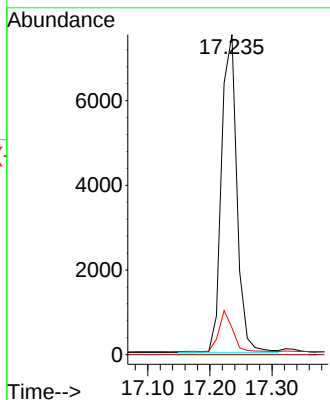
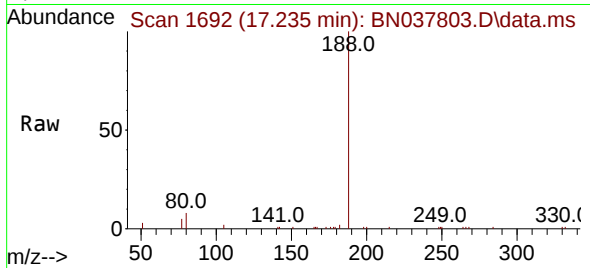




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037803.D
Acq: 19 Sep 2025 07:37

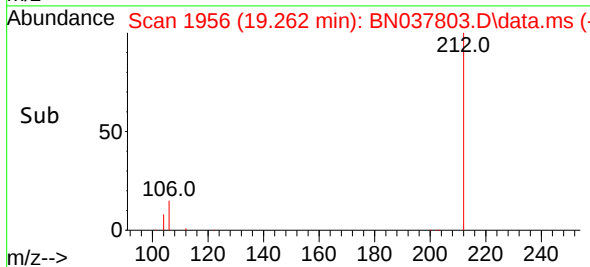
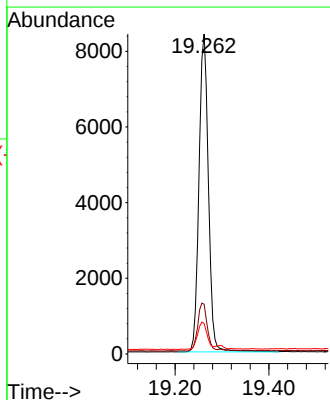
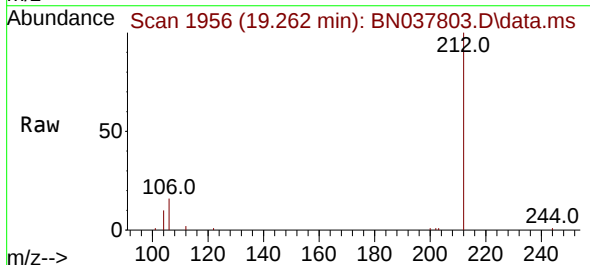
Instrument :
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Tgt Ion:188 Resp: 12905
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037803.D
Acq: 19 Sep 2025 07:37

Tgt Ion:212 Resp: 11673
Ion Ratio Lower Upper
212 100
106 15.9 12.2 18.2
104 8.8 6.9 10.3

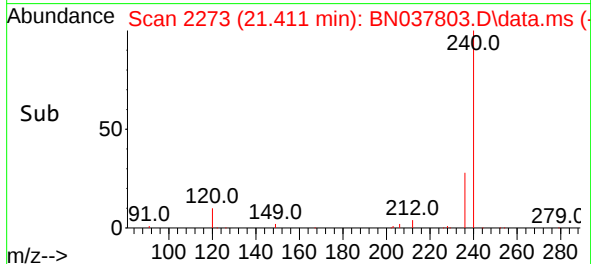
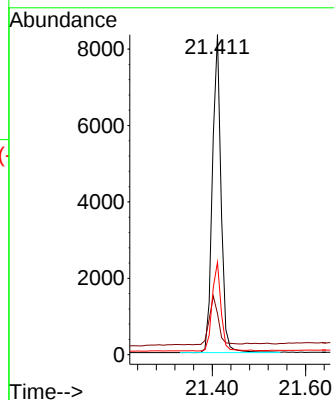
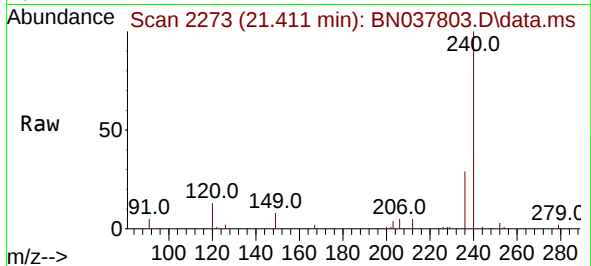




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037803.D
Acq: 19 Sep 2025 07:37

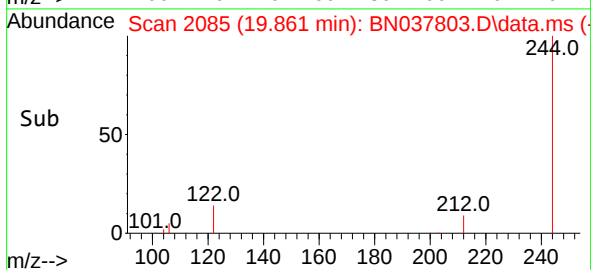
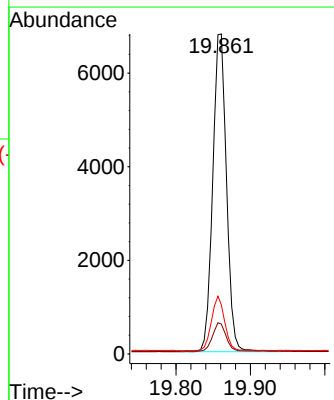
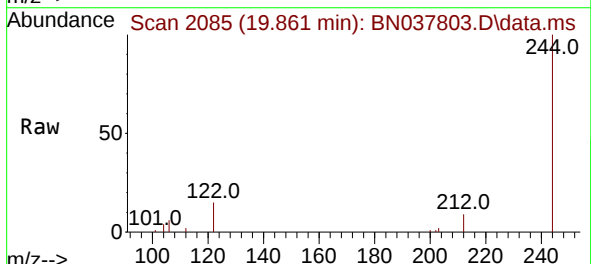
Instrument :
BNA_N
ClientSampleId :
DUP04-20250911

Tgt Ion:240 Resp: 10811
Ion Ratio Lower Upper
240 100
120 12.9 9.2 13.8
236 28.9 22.6 33.8



#31
Terphenyl-d14
Concen: 0.397 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.009 min
Lab File: BN037803.D
Acq: 19 Sep 2025 07:37

Tgt Ion:244 Resp: 8702
Ion Ratio Lower Upper
244 100
212 9.4 7.5 11.3
122 15.3 13.2 19.8

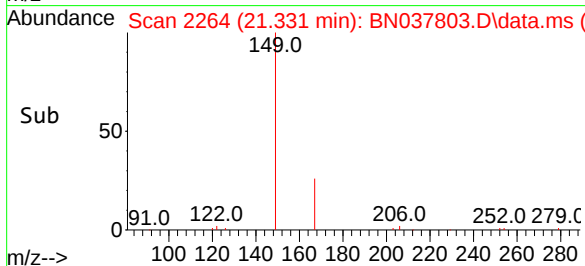
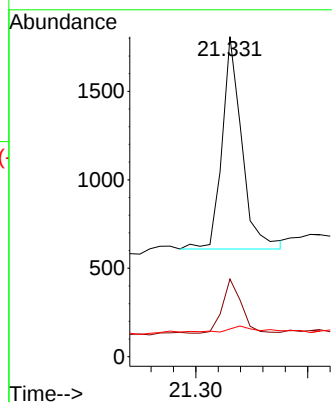
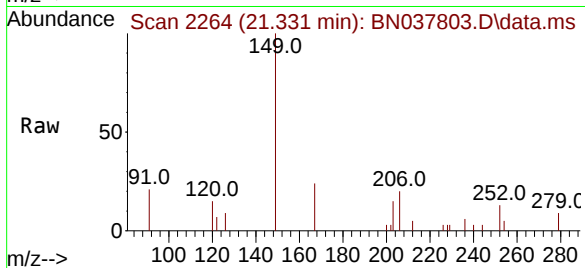




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.132 ng
 RT: 21.331 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN037803.D
 Acq: 19 Sep 2025 07:37

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20250911

Tgt Ion:149 Resp: 1471
 Ion Ratio Lower Upper
 149 100
 167 24.5 20.8 31.2
 279 5.4 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.738 min Scan# 2840
 Delta R.T. -0.015 min
 Lab File: BN037803.D
 Acq: 19 Sep 2025 07:37

Tgt Ion:264 Resp: 9925
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.8 32.8
 265 81.2 39.4 59.2#

