

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037838.D
 Acq On : 20 Sep 2025 06:13
 Operator : RC/JU
 Sample : Q3127-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 22 00:35:51 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)

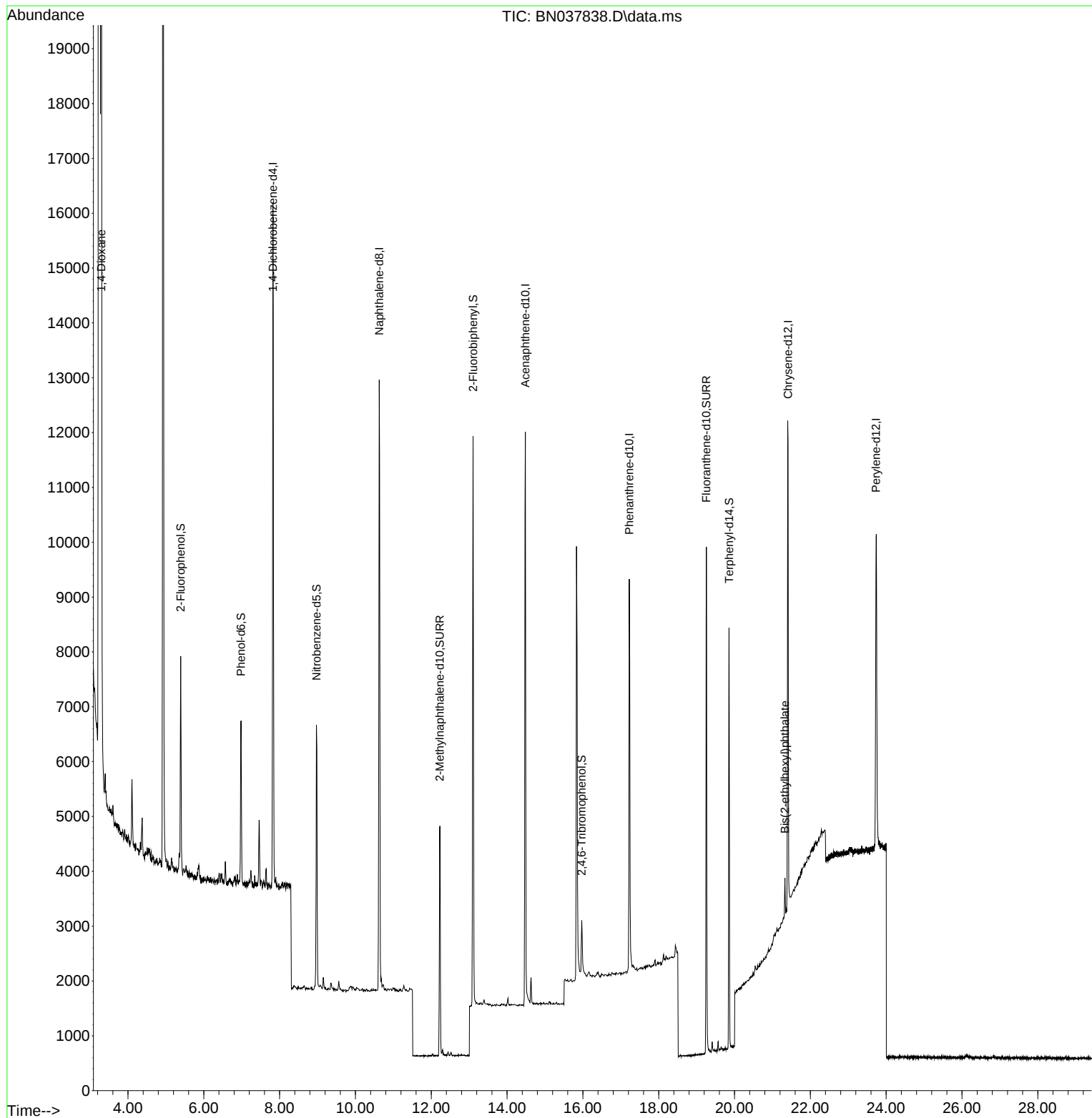
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	5806	0.400	ng	-0.01
7) Naphthalene-d8	10.626	136	15130	0.400	ng	#-0.02
13) Acenaphthene-d10	14.484	164	6198	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	10844	0.400	ng	-0.01
29) Chrysene-d12	21.411	240	8801	0.400	ng	0.00
35) Perylene-d12	23.736	264	8553	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	3012	0.226	ng	0.00
5) Phenol-d6	6.981	99	2729	0.158	ng	0.00
8) Nitrobenzene-d5	8.971	82	3956	0.357	ng	-0.02
11) 2-Methylnaphthalene-d10	12.228	152	5816	0.290	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	666	0.412	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	8965	0.346	ng	-0.01
27) Fluoranthene-d10	19.257	212	10130	0.372	ng	-0.01
31) Terphenyl-d14	19.857	244	7226	0.405	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	18668	3.087	ng	96
34) Bis(2-ethylhexyl)phtha...	21.331	149	668	0.073	ng	# 97

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

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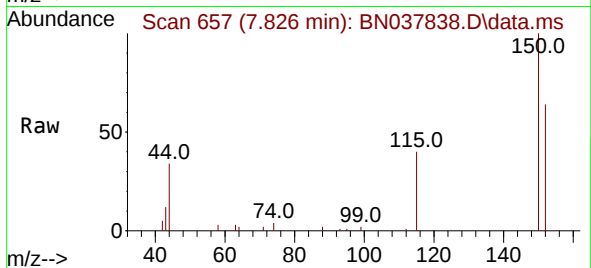
Quant Time: Sep 22 00:35:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



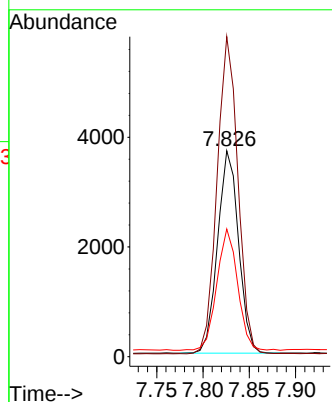
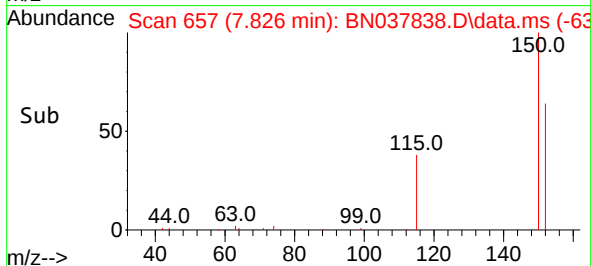


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.826 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037838.D
 Acq: 20 Sep 2025 06:13

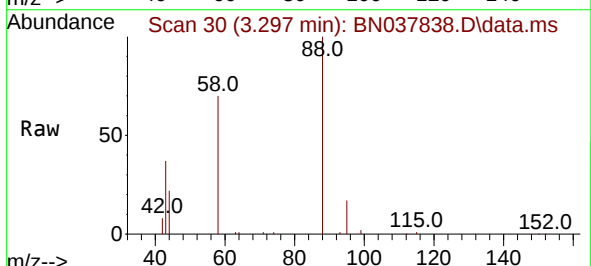
Instrument :
 BNA_N
 ClientSampleId :



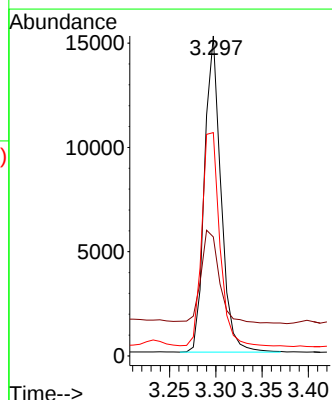
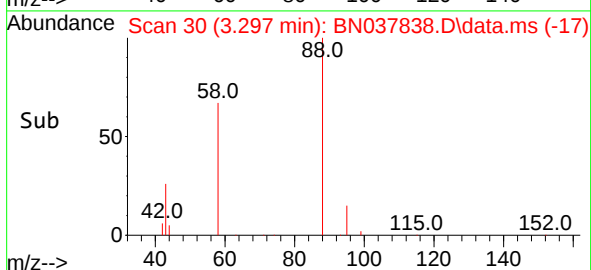
Tgt Ion:152 Resp: 5806
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.5 186.7
 115 62.0 49.2 73.8



#2
 1,4-Dioxane
 Concen: 3.087 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037838.D
 Acq: 20 Sep 2025 06:13



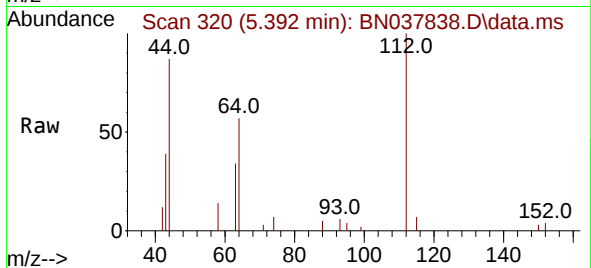
Tgt Ion: 88 Resp: 18668
 Ion Ratio Lower Upper
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 43 32.5 26.8 40.2
 58 73.6 61.9 92.9



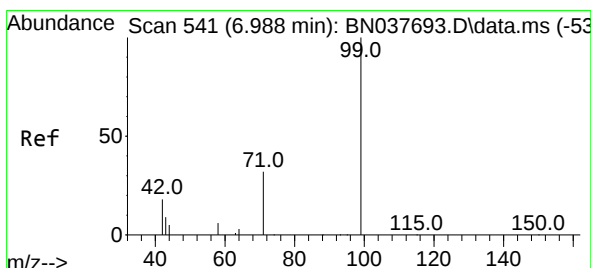
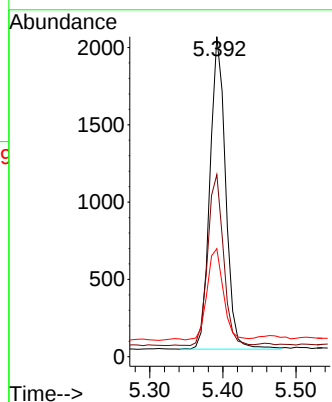
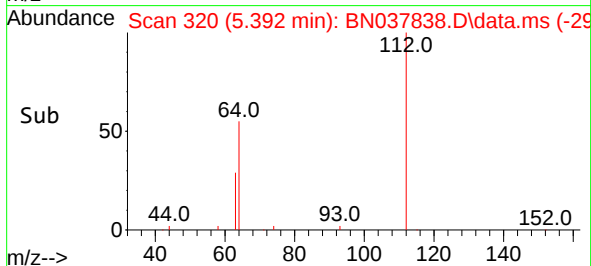


#4
2-Fluorophenol
Concen: 0.226 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037838.D
Acq: 20 Sep 2025 06:13

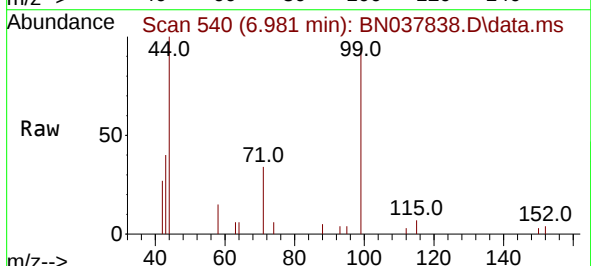
Instrument :
BNA_N
ClientSampleId :



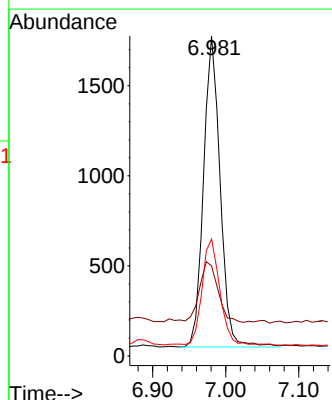
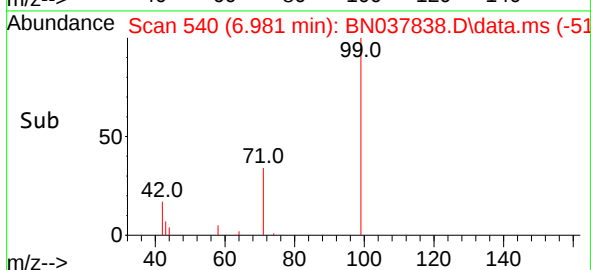
Tgt Ion:112 Resp: 3012
Ion Ratio Lower Upper
112 100
64 54.6 44.9 67.3
63 30.1 24.7 37.1



#5
Phenol-d6
Concen: 0.158 ng
RT: 6.981 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037838.D
Acq: 20 Sep 2025 06:13



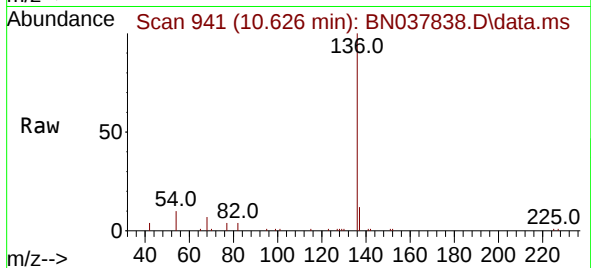
Tgt Ion: 99 Resp: 2729
Ion Ratio Lower Upper
99 100
42 21.3 16.6 24.8
71 36.0 26.7 40.1



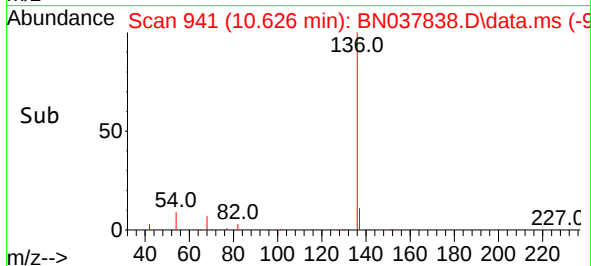
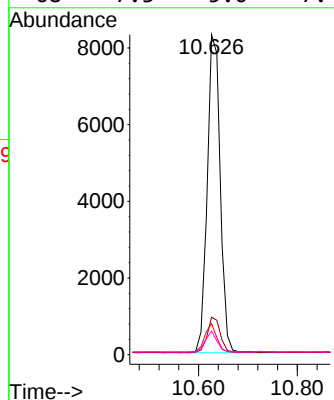


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.021 min
Lab File: BN037838.D
Acq: 20 Sep 2025 06:13

Instrument :
BNA_N
ClientSampleId :

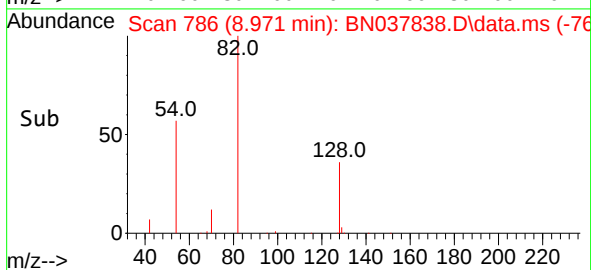
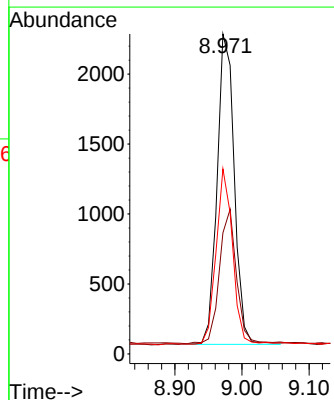
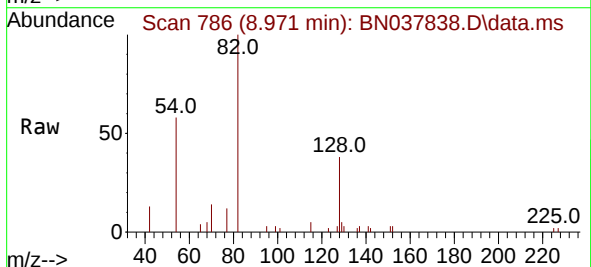


Tgt Ion:	136	Resp:	15130
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.1	13.7
54	9.7	6.3	9.5#
68	7.3	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.357 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.021 min
Lab File: BN037838.D
Acq: 20 Sep 2025 06:13

Tgt Ion:	82	Resp:	3956
Ion Ratio	Lower	Upper	
82	100		
128	37.9	38.3	57.5#
54	57.8	41.4	62.2

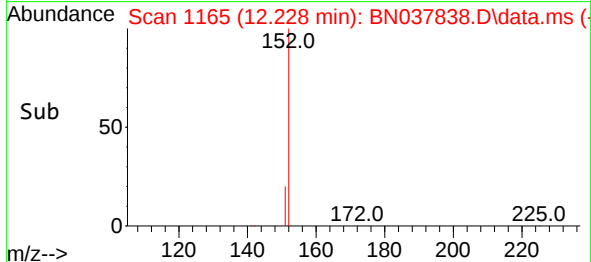
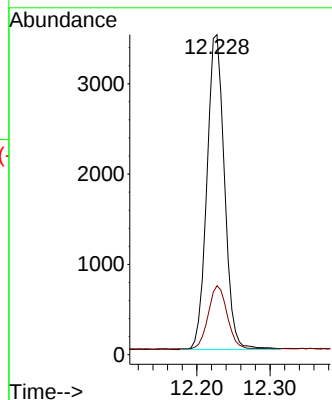
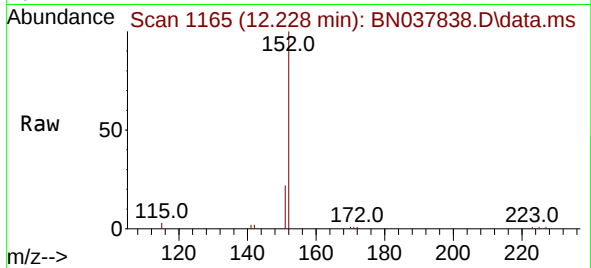




#11
2-Methylnaphthalene-d10
Concen: 0.290 ng
RT: 12.228 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037838.D
Acq: 20 Sep 2025 06:13

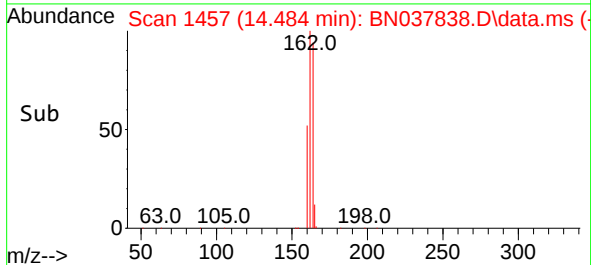
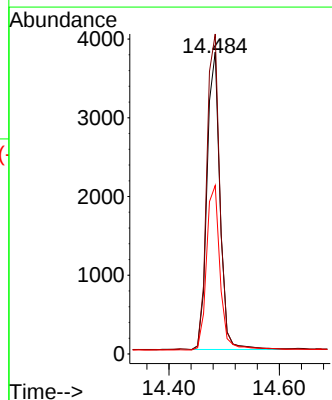
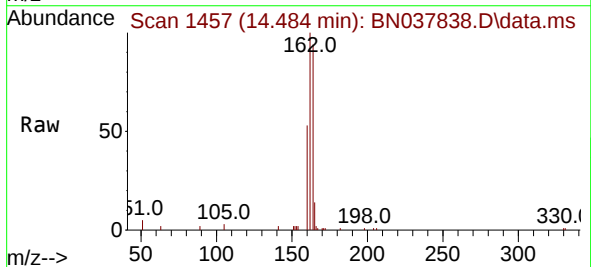
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5816
Ion Ratio Lower Upper
152 100
151 21.5 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: BN037838.D
Acq: 20 Sep 2025 06:13

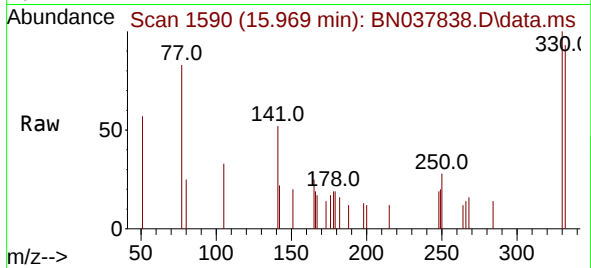
Tgt Ion:164 Resp: 6198
Ion Ratio Lower Upper
164 100
162 106.0 83.1 124.7
160 55.8 44.3 66.5



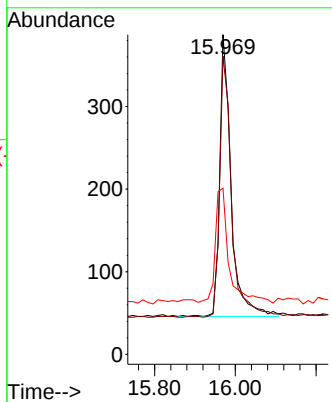
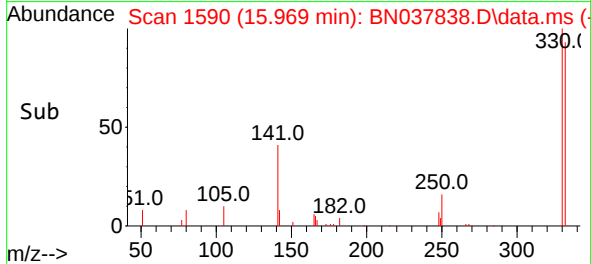


#14
2,4,6-Tribromophenol
Concen: 0.412 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037838.D
Acq: 20 Sep 2025 06:13

Instrument :
BNA_N
ClientSampleId :

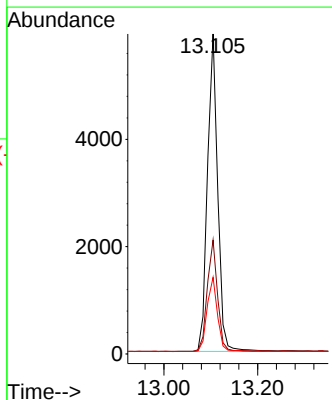
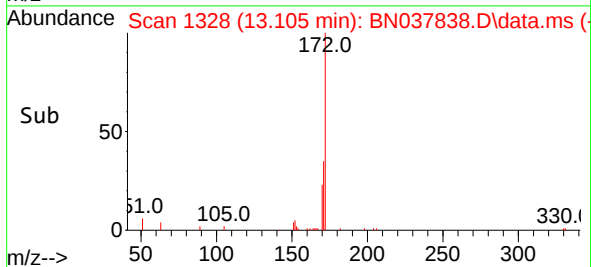
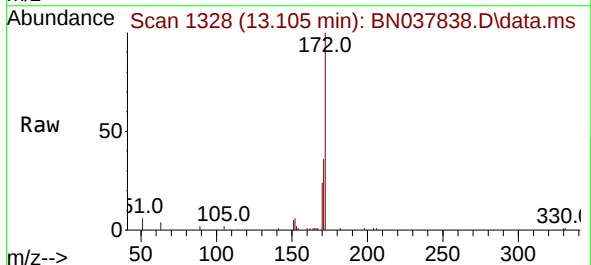


Tgt Ion:330 Resp: 666
Ion Ratio Lower Upper
330 100
332 98.3 75.3 112.9
141 49.8 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037838.D
Acq: 20 Sep 2025 06:13

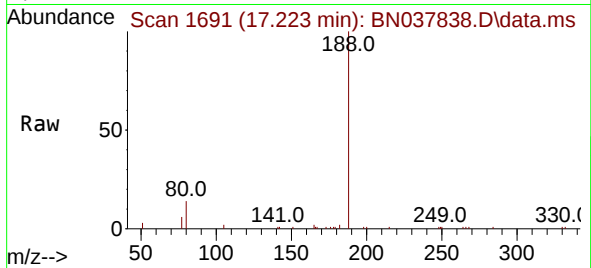
Tgt Ion:172 Resp: 8965
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.0 19.8 29.8



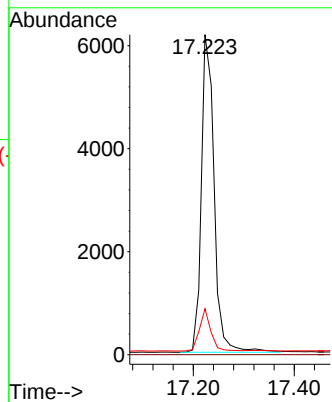
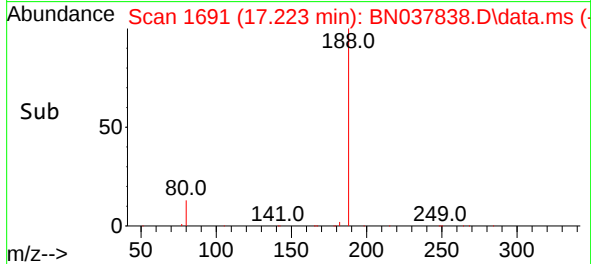


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN037838.D
Acq: 20 Sep 2025 06:13

Instrument :
BNA_N
ClientSampleId :

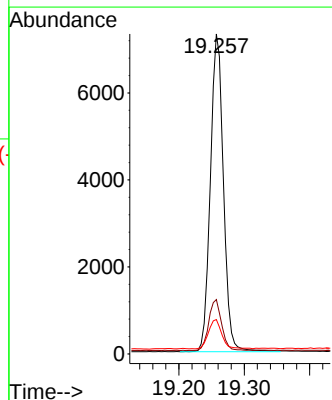
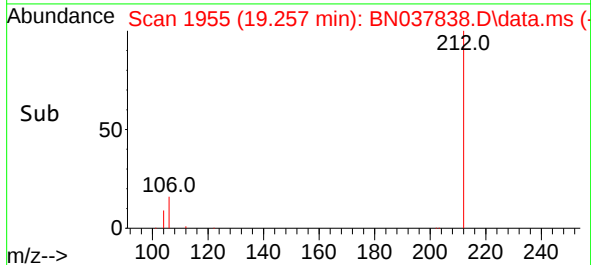
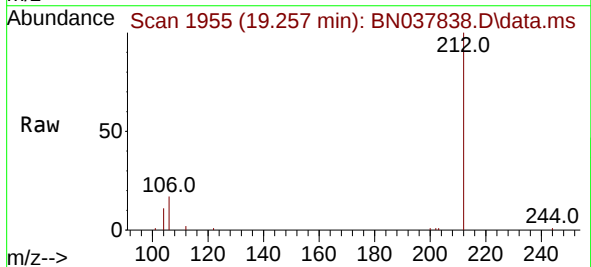


Tgt Ion:188 Resp: 10844
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 10.6 15.8



#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.257 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BN037838.D
Acq: 20 Sep 2025 06:13

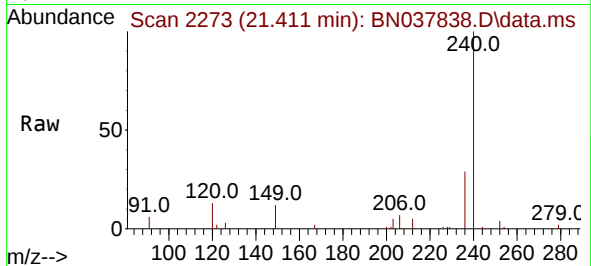
Tgt Ion:212 Resp: 10130
Ion Ratio Lower Upper
212 100
106 15.8 12.2 18.2
104 9.4 6.9 10.3



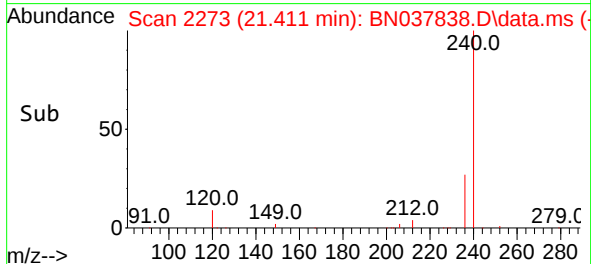
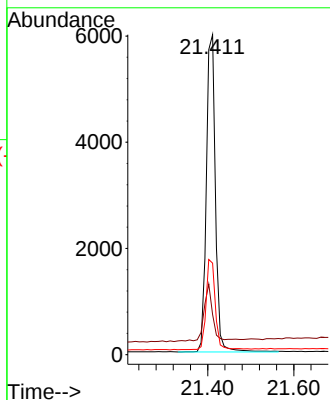


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037838.D
Acq: 20 Sep 2025 06:13

Instrument :
BNA_N
ClientSampleId :

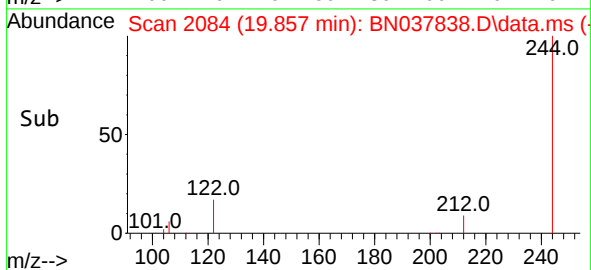
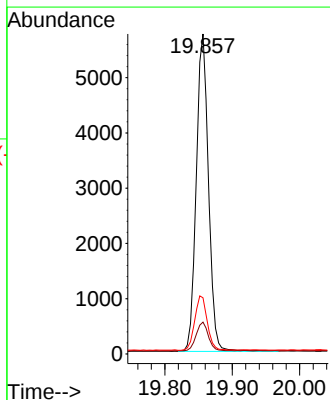
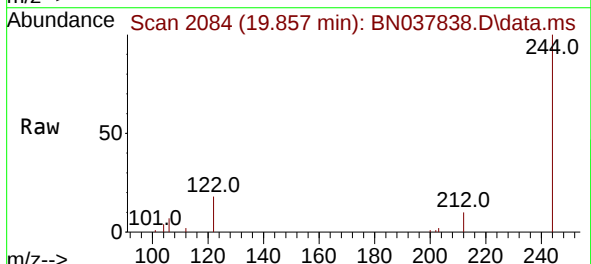


Tgt Ion:240 Resp: 8801
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 28.6 22.6 33.8



#31
Terphenyl-d14
Concen: 0.405 ng
RT: 19.857 min Scan# 2084
Delta R.T. -0.014 min
Lab File: BN037838.D
Acq: 20 Sep 2025 06:13

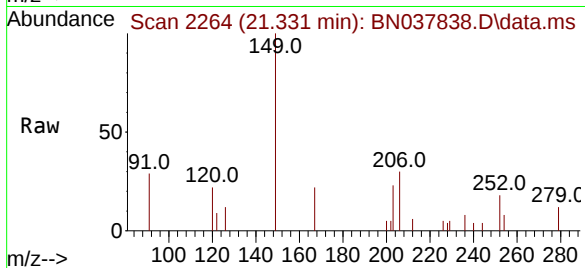
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Ion Ratio Lower Upper
244 100
212 10.0 7.5 11.3
122 17.6 13.2 19.8



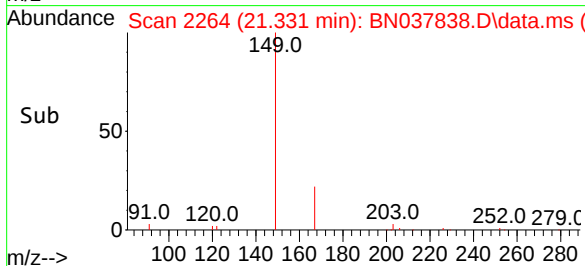
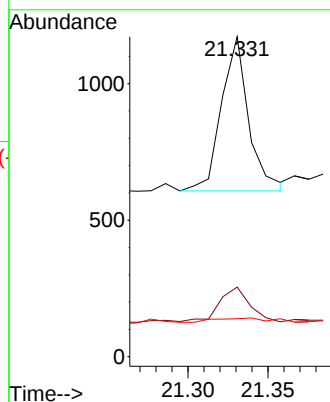


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.073 ng
 RT: 21.331 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN037838.D
 Acq: 20 Sep 2025 06:13

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:149 Resp: 668
 Ion Ratio Lower Upper
 149 100
 167 24.7 20.8 31.2
 279 5.8 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.736 min Scan# 2839
 Delta R.T. -0.018 min
 Lab File: BN037838.D
 Acq: 20 Sep 2025 06:13

Tgt Ion:264 Resp: 8553
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.8 32.8
 265 93.3 39.4 59.2#

