

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037820.D
 Acq On : 19 Sep 2025 18:34
 Operator : RC/JU
 Sample : Q3097-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 23:55:16 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)

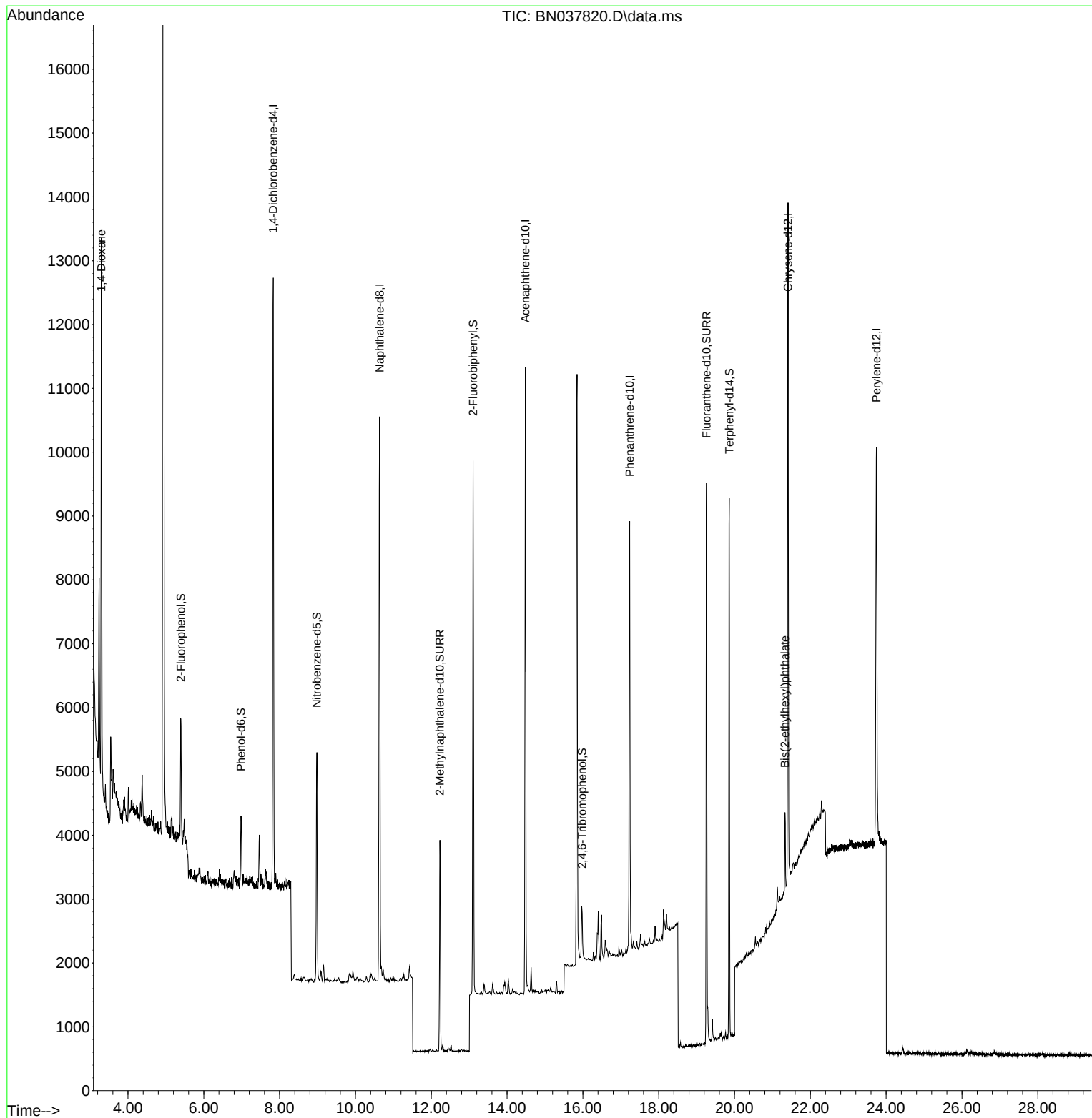
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	4623	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	12153	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	5319	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	10150	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	9405	0.400	ng	# 0.00
35) Perylene-d12	23.744	264	8969	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1553	0.146	ng	0.00
5) Phenol-d6	6.980	99	986	0.072	ng	0.00
8) Nitrobenzene-d5	8.982	82	2786	0.313	ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	4358	0.271	ng	-0.02
14) 2,4,6-Tribromophenol	15.982	330	573	0.413	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	6855	0.308	ng	-0.01
27) Fluoranthene-d10	19.262	212	9689	0.380	ng	0.00
31) Terphenyl-d14	19.861	244	7908	0.414	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	5022	1.043	ng	94
34) Bis(2-ethylhexyl)phtha...	21.331	149	1373	0.141	ng	99

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

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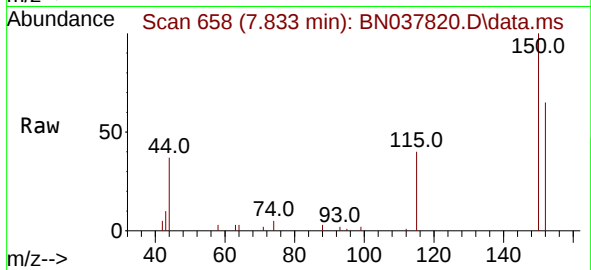
Quant Time: Sep 19 23:55:16 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



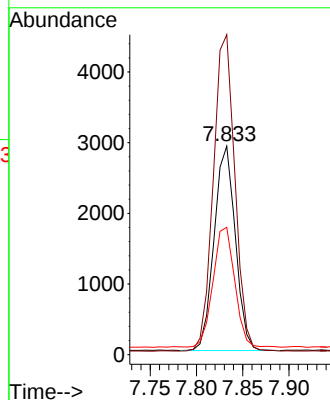
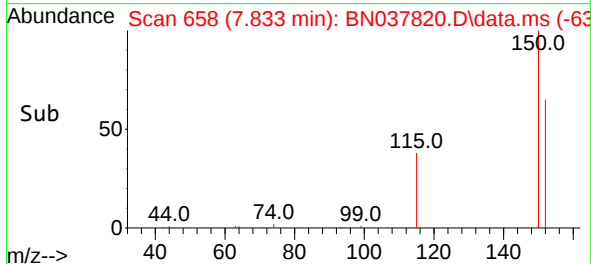


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037820.D
 Acq: 19 Sep 2025 18:34

Instrument :
 BNA_N
 ClientSampleId :

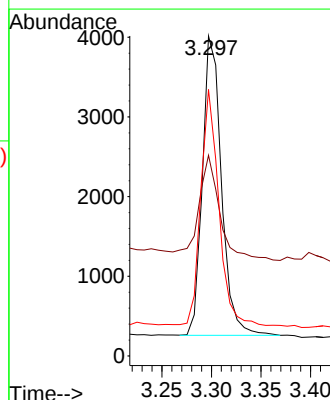
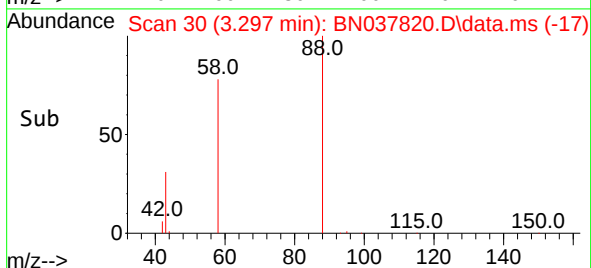
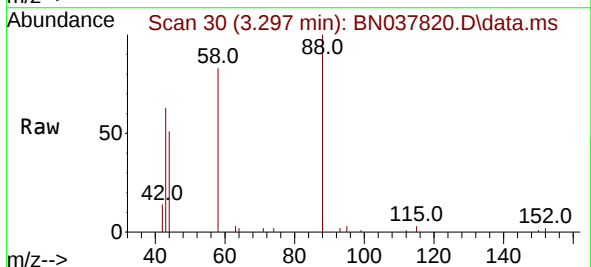


Tgt Ion:152 Resp: 4623
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.5 186.7
 115 61.1 49.2 73.8



#2
 1,4-Dioxane
 Concen: 1.043 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037820.D
 Acq: 19 Sep 2025 18:34

Tgt Ion: 88 Resp: 5022
 Ion Ratio Lower Upper
 88 100
 43 39.4 26.8 40.2
 58 74.2 61.9 92.9

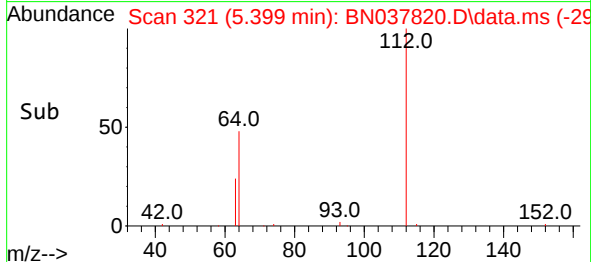
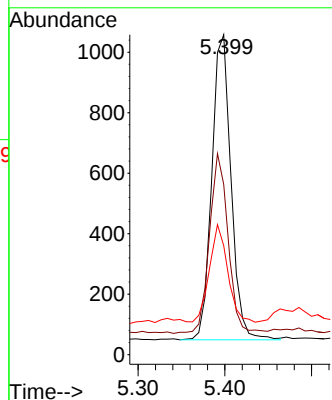
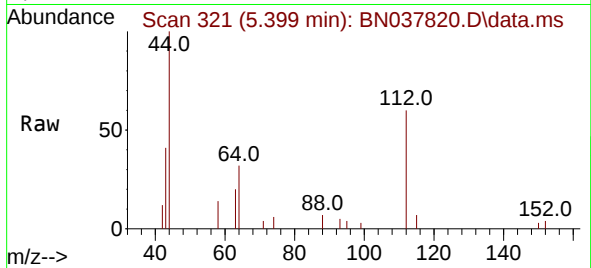




#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037820.D
Acq: 19 Sep 2025 18:34

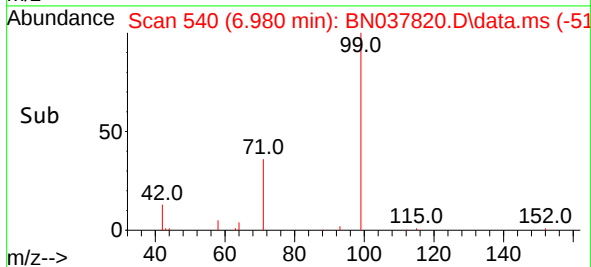
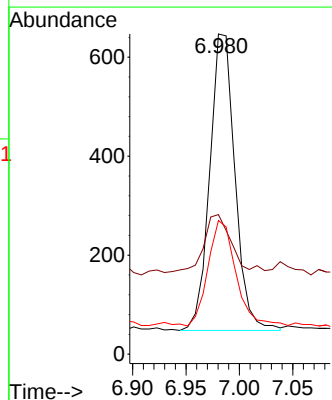
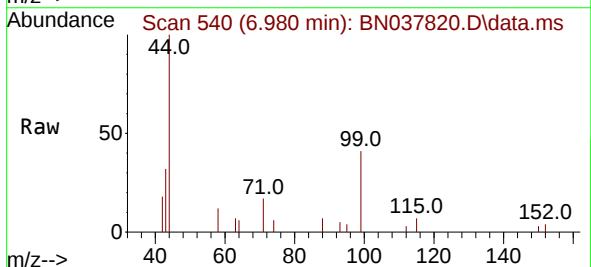
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 1553
Ion Ratio Lower Upper
112 100
64 57.4 44.9 67.3
63 30.8 24.7 37.1



#5
Phenol-d6
Concen: 0.072 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037820.D
Acq: 19 Sep 2025 18:34

Tgt Ion: 99 Resp: 986
Ion Ratio Lower Upper
99 100
42 22.8 16.6 24.8
71 38.7 26.7 40.1

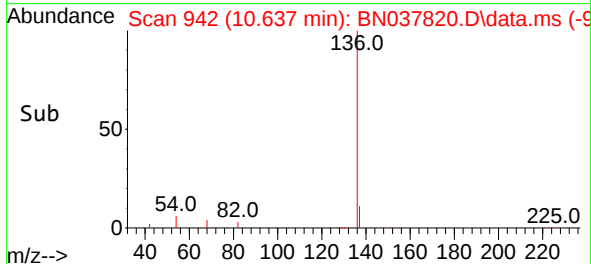
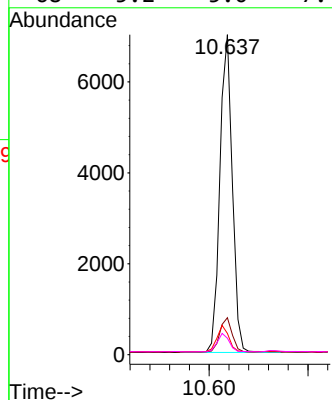
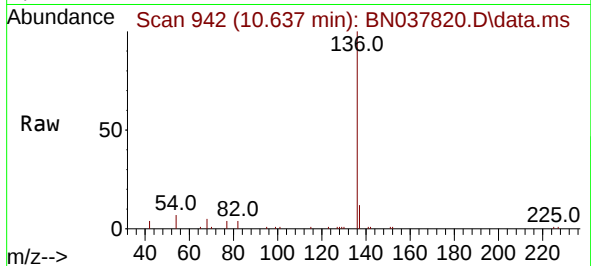




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037820.D
Acq: 19 Sep 2025 18:34

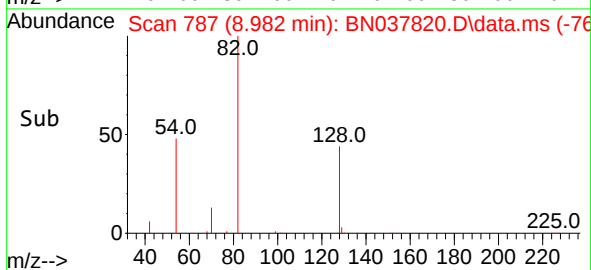
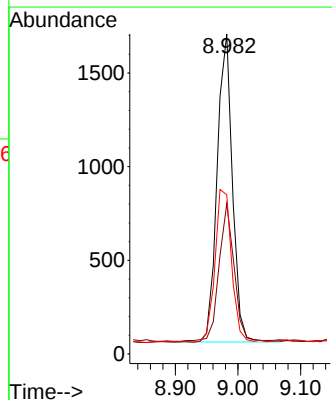
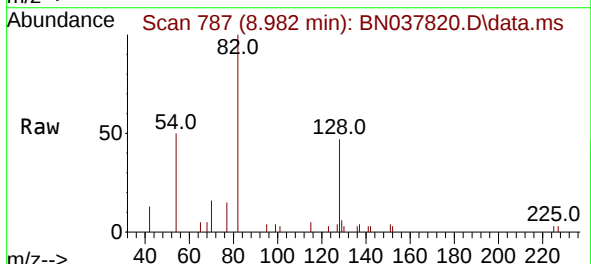
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	136	Resp:	12153
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	6.7	6.3	9.5
68	5.2	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.313 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037820.D
Acq: 19 Sep 2025 18:34

Tgt Ion:	82	Resp:	2786
Ion	Ratio	Lower	Upper
82	100		
128	47.0	38.3	57.5
54	49.8	41.4	62.2

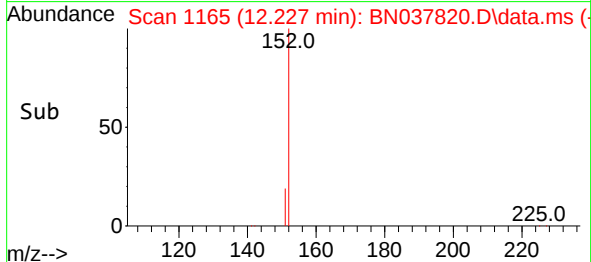
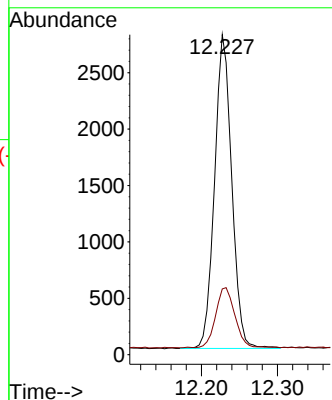
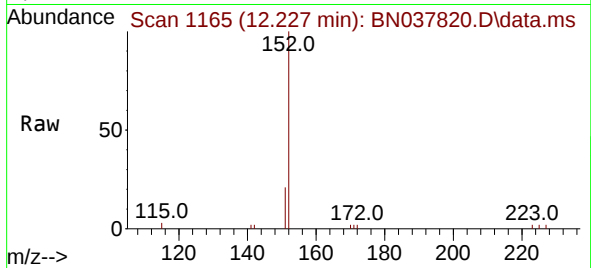




#11
2-Methylnaphthalene-d10
Concen: 0.271 ng
RT: 12.227 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037820.D
Acq: 19 Sep 2025 18:34

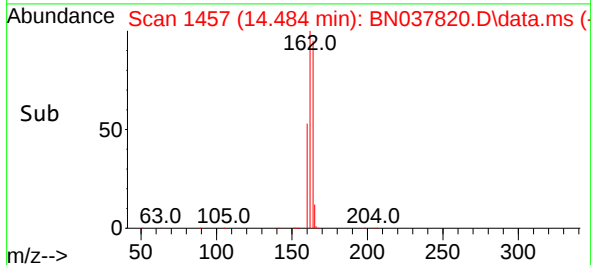
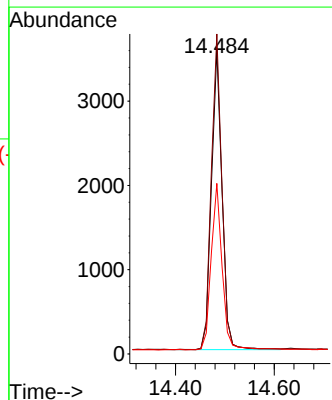
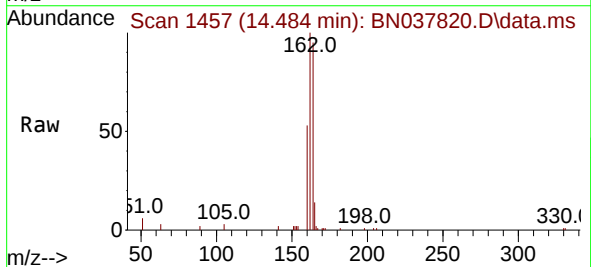
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4358
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: BN037820.D
Acq: 19 Sep 2025 18:34

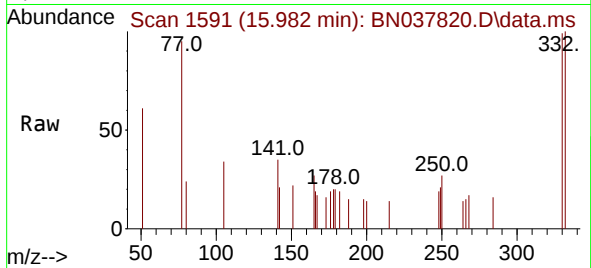
Tgt Ion:164 Resp: 5319
Ion Ratio Lower Upper
164 100
162 105.3 83.1 124.7
160 56.1 44.3 66.5



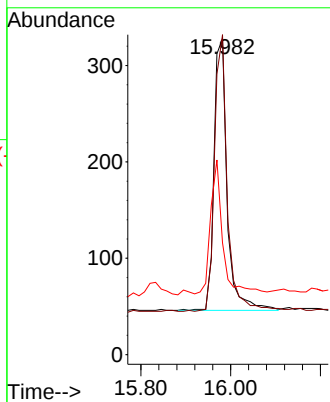
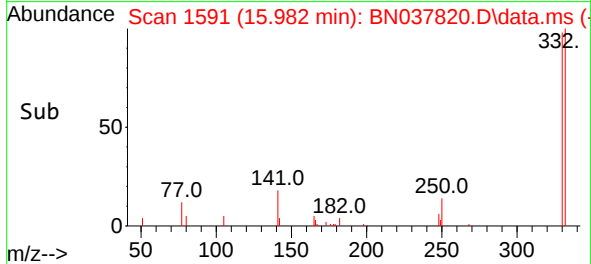


#14
2,4,6-Tribromophenol
Concen: 0.413 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037820.D
Acq: 19 Sep 2025 18:34

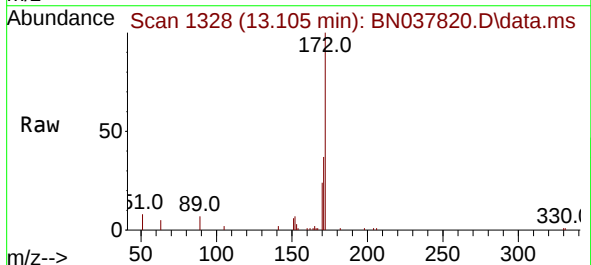
Instrument :
BNA_N
ClientSampleId :



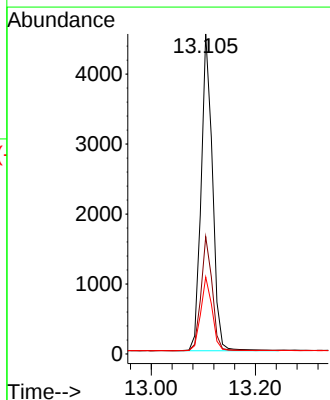
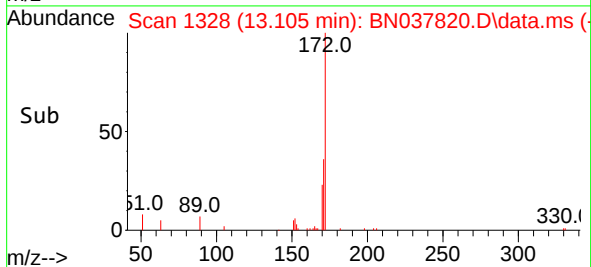
Tgt Ion:330 Resp: 573
Ion Ratio Lower Upper
330 100
332 100.0 75.3 112.9
141 45.2 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037820.D
Acq: 19 Sep 2025 18:34



Tgt Ion:172 Resp: 6855
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 24.1 19.8 29.8

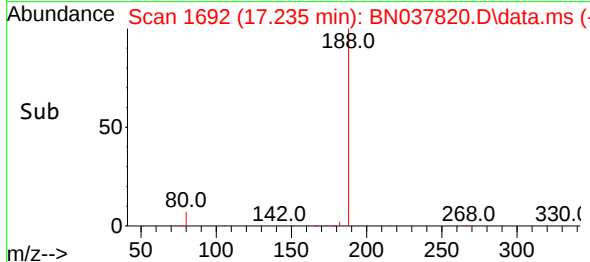
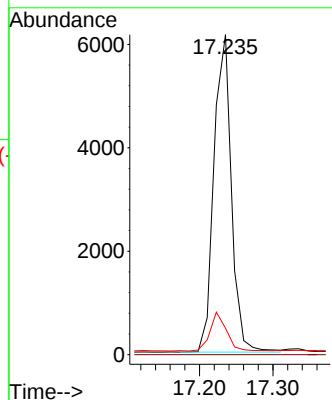
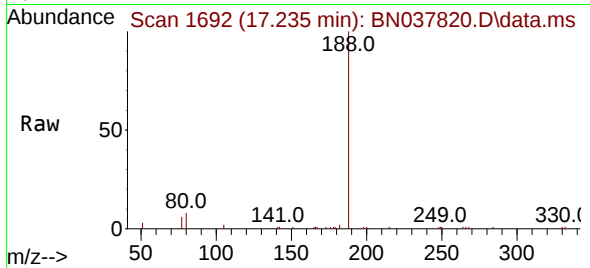




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037820.D
Acq: 19 Sep 2025 18:34

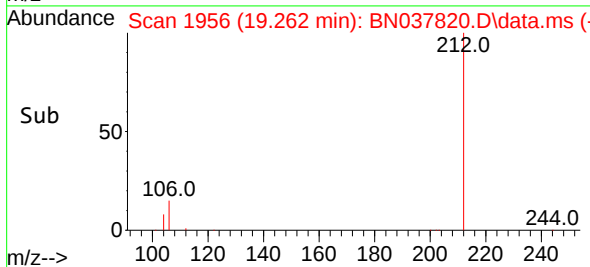
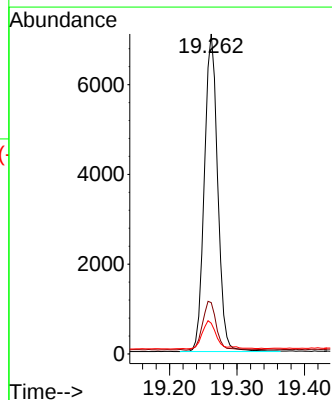
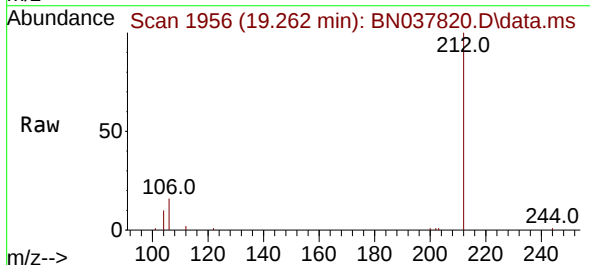
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BNA_N
ClientSampleId :

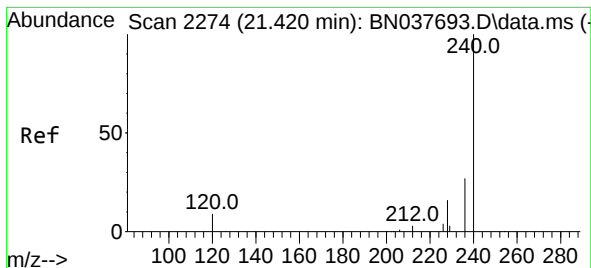
Tgt Ion:188 Resp: 10150
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037820.D
Acq: 19 Sep 2025 18:34

Tgt Ion:212 Resp: 9689
Ion Ratio Lower Upper
212 100
106 16.1 12.2 18.2
104 9.5 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: BN037820.D

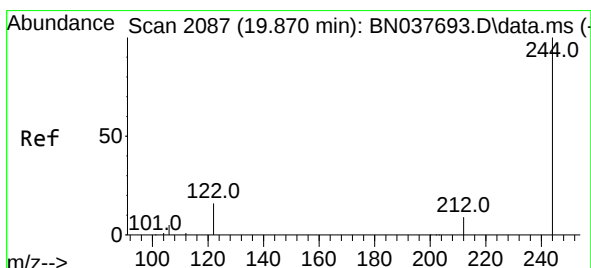
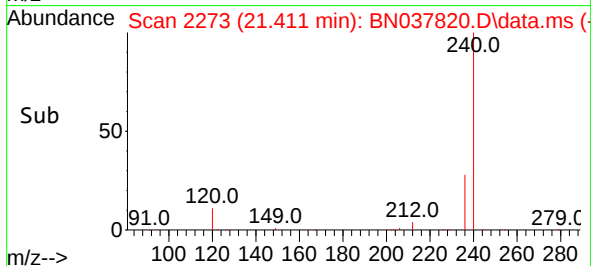
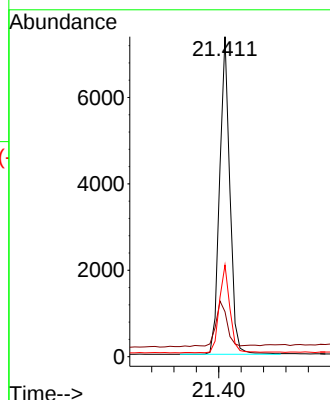
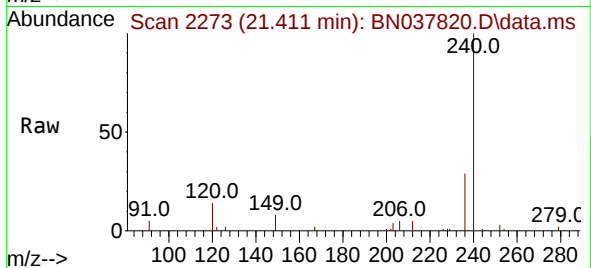
Acq: 19 Sep 2025 18:34

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	240	Resp:	9405
Ion Ratio	Lower	Upper	
240	100		
120	14.0	9.2	13.8#
236	28.7	22.6	33.8



#31

Terphenyl-d14

Concen: 0.414 ng

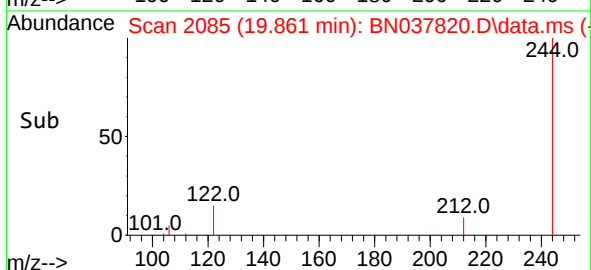
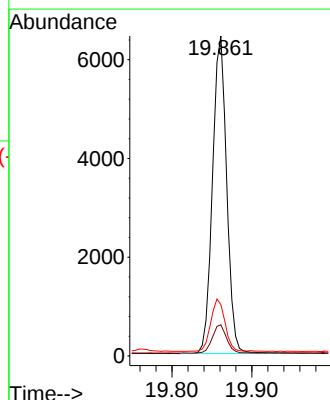
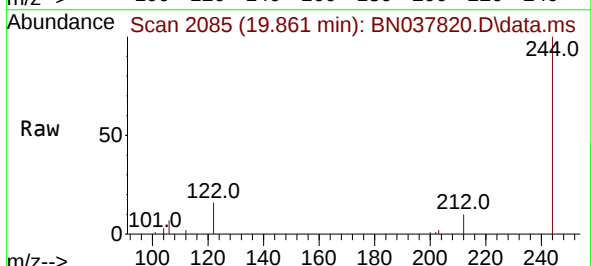
RT: 19.861 min Scan# 2085

Delta R.T. -0.009 min

Lab File: BN037820.D

Acq: 19 Sep 2025 18:34

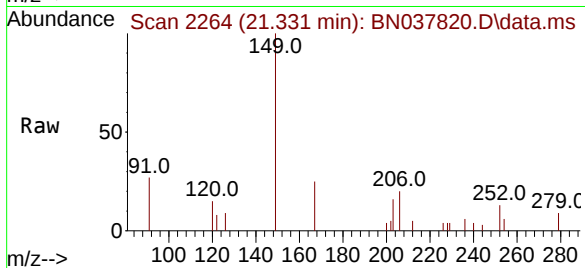
Tgt Ion:	244	Resp:	7908
Ion Ratio	Lower	Upper	
244	100		
212	9.8	7.5	11.3
122	16.1	13.2	19.8



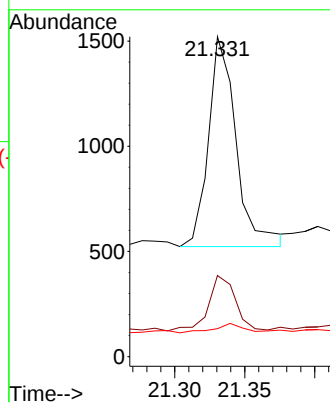
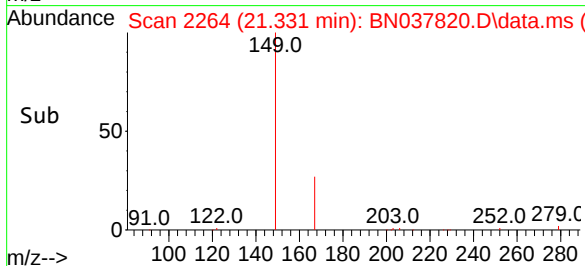


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.141 ng
 RT: 21.331 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN037820.D
 Acq: 19 Sep 2025 18:34

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:149 Resp: 1373
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.8 31.2
 279 4.9 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: BN037820.D
 Acq: 19 Sep 2025 18:34

Tgt Ion:264 Resp: 8969
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.8 32.8
 265 77.2 39.4 59.2#

