

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037821.D
 Acq On : 19 Sep 2025 19:11
 Operator : RC/JU
 Sample : Q3097-23
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 23:55:35 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)

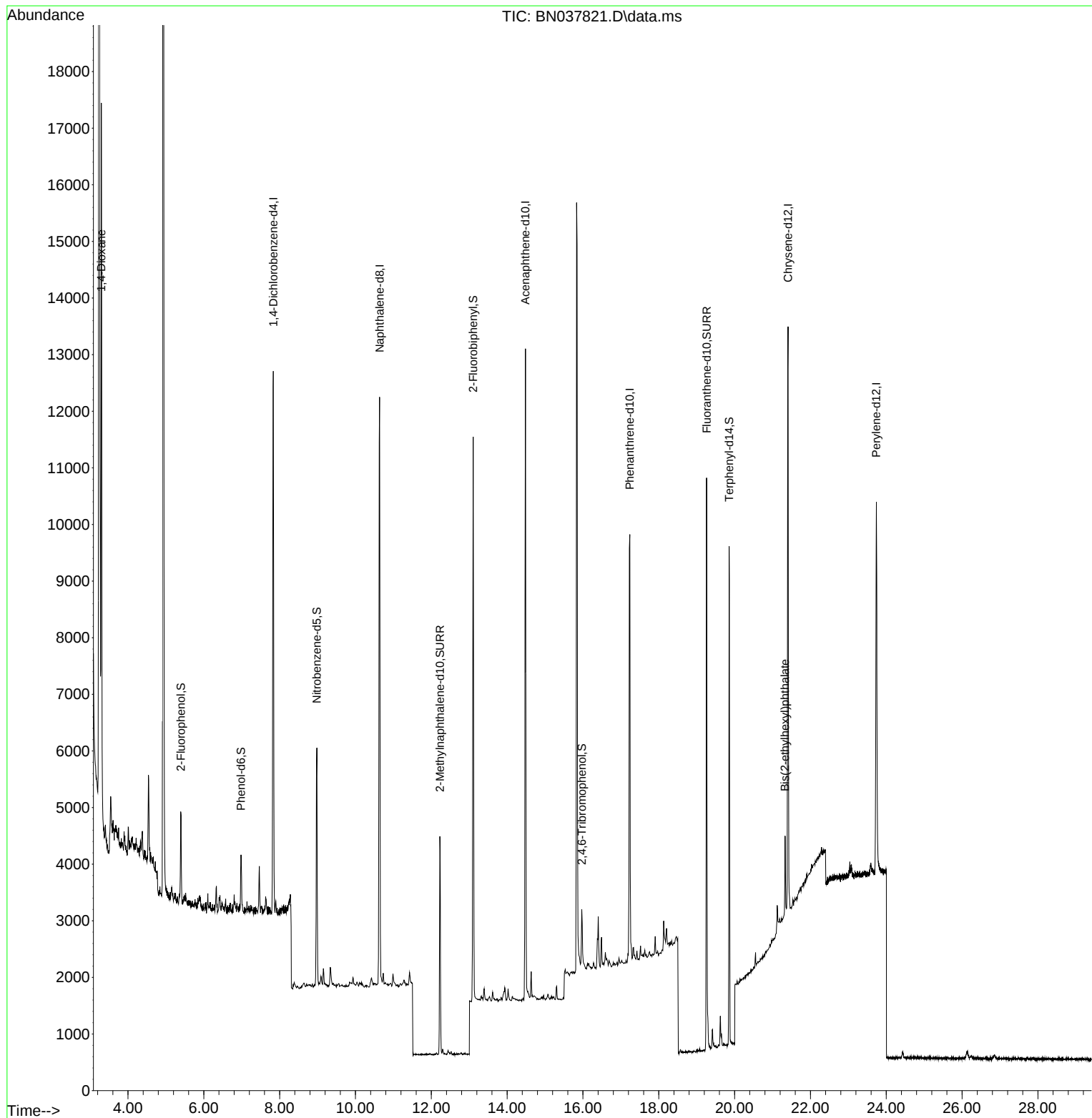
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	4710	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	14487	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	6237	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	11940	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	10042	0.400	ng	0.00
35) Perylene-d12	23.739	264	9356	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1273	0.118	ng	0.00
5) Phenol-d6	6.981	99	914	0.065	ng	0.00
8) Nitrobenzene-d5	8.982	82	3334	0.315	ng	-0.01
11) 2-Methylnaphthalene-d10	12.228	152	5135	0.268	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	651	0.400	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	8107	0.311	ng	-0.01
27) Fluoranthene-d10	19.262	212	10926	0.364	ng	0.00
31) Terphenyl-d14	19.857	244	8235	0.404	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	7222	1.472	ng	96
34) Bis(2-ethylhexyl)phtha...	21.331	149	1333	0.128	ng	# 99

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

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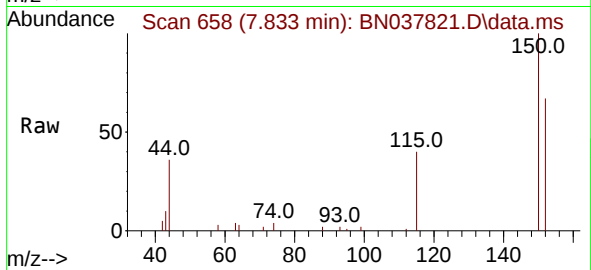
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



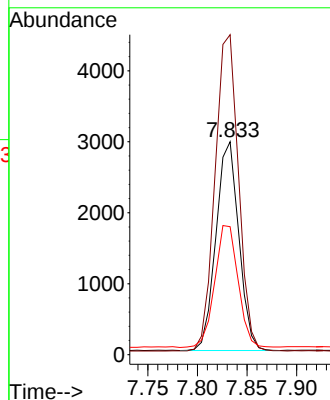
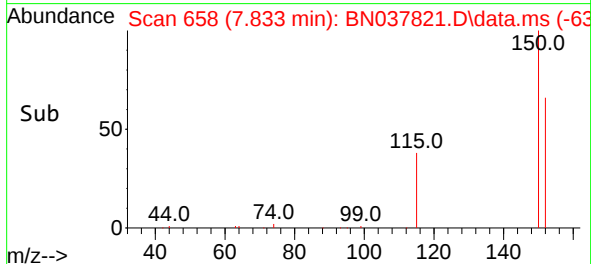


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037821.D
 Acq: 19 Sep 2025 19:11

Instrument :
 BNA_N
 ClientSampleId :

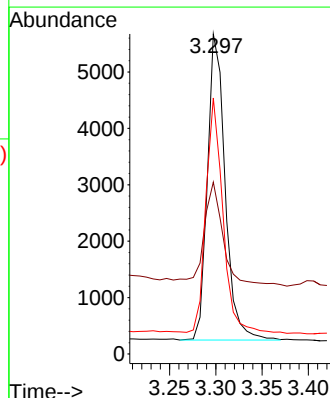
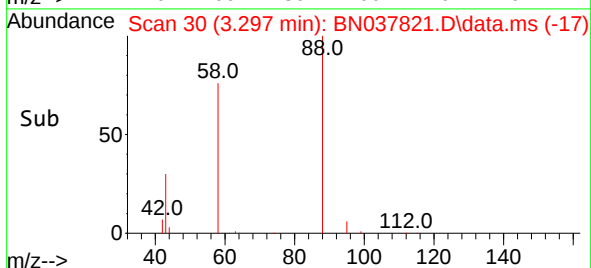
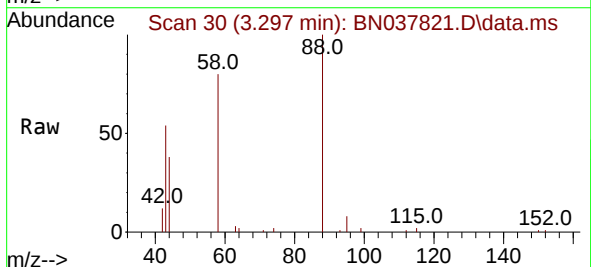


Tgt Ion:152 Resp: 4710
 Ion Ratio Lower Upper
 152 100
 150 150.2 124.5 186.7
 115 60.1 49.2 73.8



#2
 1,4-Dioxane
 Concen: 1.472 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037821.D
 Acq: 19 Sep 2025 19:11

Tgt Ion: 88 Resp: 7222
 Ion Ratio Lower Upper
 88 100
 43 34.0 26.8 40.2
 58 72.7 61.9 92.9

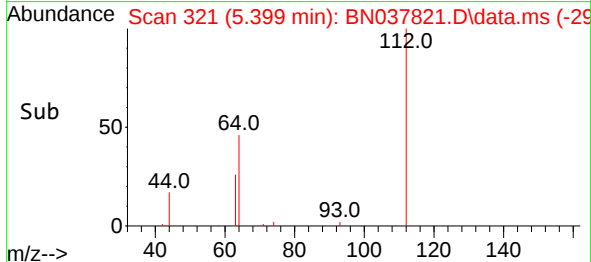
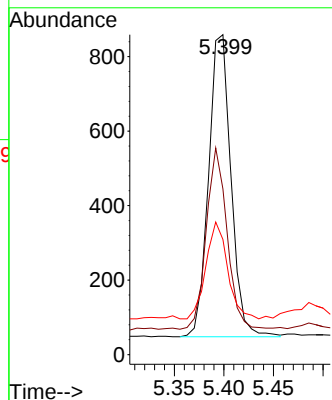
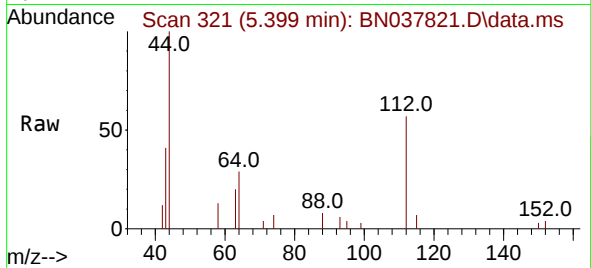




#4
2-Fluorophenol
Concen: 0.118 ng
RT: 5.399 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN037821.D
Acq: 19 Sep 2025 19:11

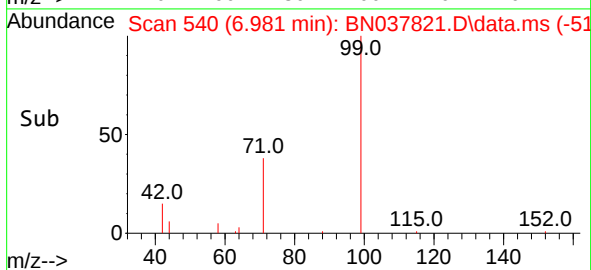
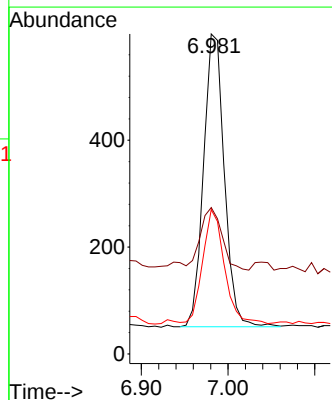
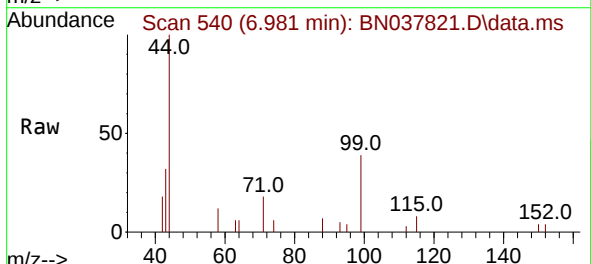
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 1273
Ion Ratio Lower Upper
112 100
64 55.1 44.9 67.3
63 31.0 24.7 37.1



#5
Phenol-d6
Concen: 0.065 ng
RT: 6.981 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037821.D
Acq: 19 Sep 2025 19:11

Tgt Ion: 99 Resp: 914
Ion Ratio Lower Upper
99 100
42 24.4 16.6 24.8
71 40.5 26.7 40.1#

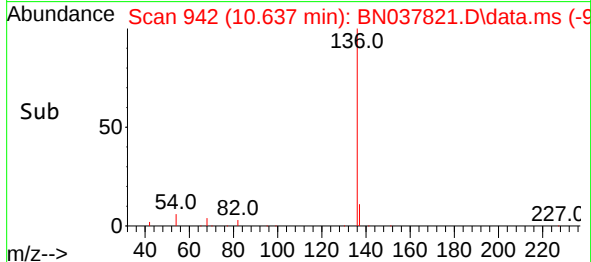
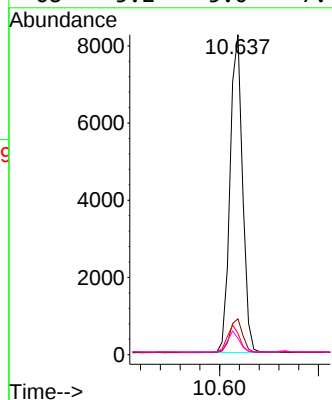
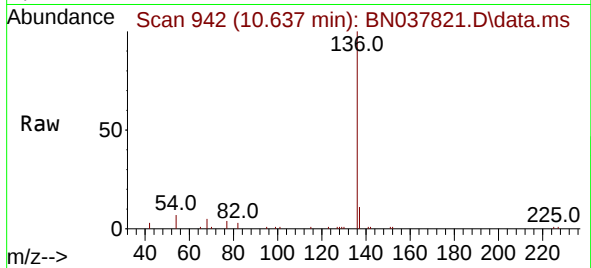




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037821.D
Acq: 19 Sep 2025 19:11

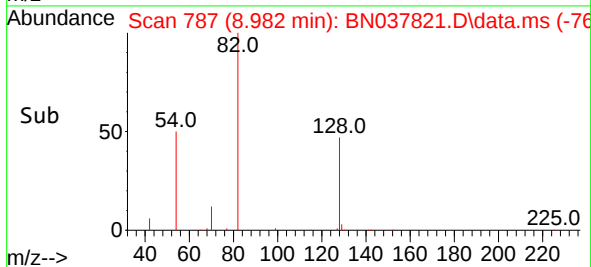
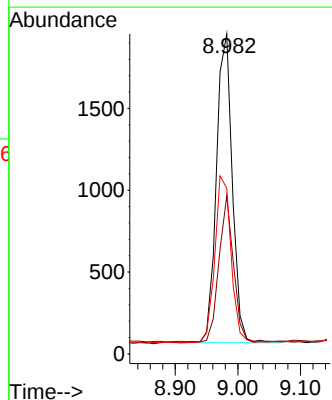
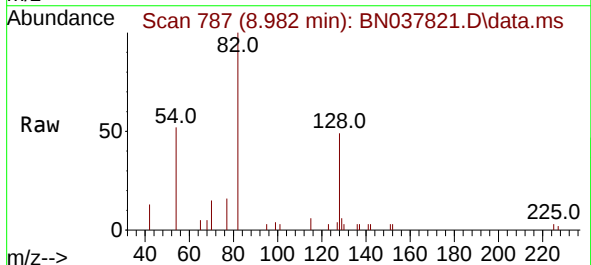
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136	Resp:	14487
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.1 13.7
54	6.7	6.3 9.5
68	5.2	5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037821.D
Acq: 19 Sep 2025 19:11

Tgt Ion: 82	Resp:	3334
Ion Ratio	Lower	Upper
82	100	
128	49.4	38.3 57.5
54	51.8	41.4 62.2

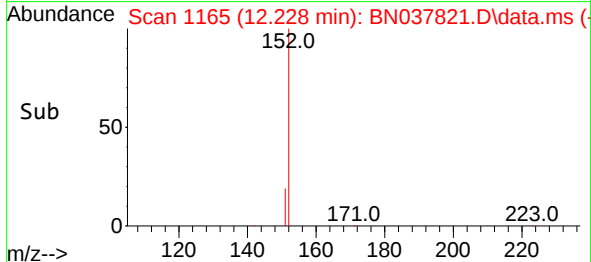
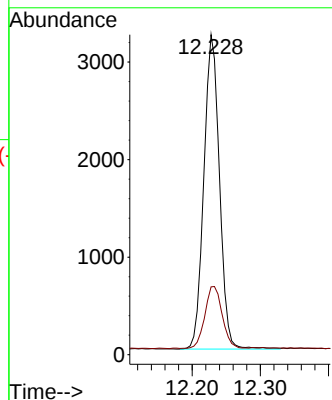
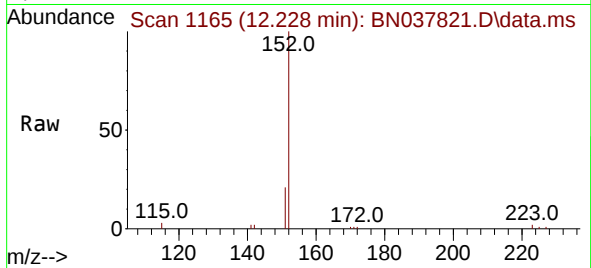




#11
2-Methylnaphthalene-d10
Concen: 0.268 ng
RT: 12.228 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037821.D
Acq: 19 Sep 2025 19:11

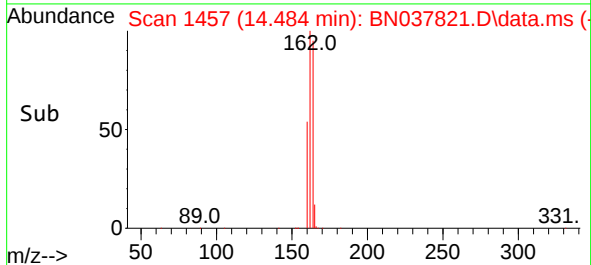
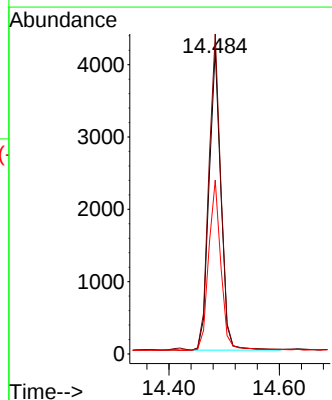
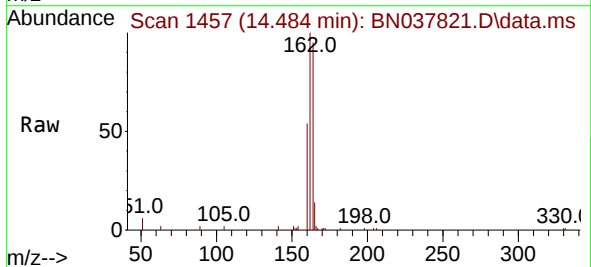
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5135
Ion Ratio Lower Upper
152 100
151 21.9 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: BN037821.D
Acq: 19 Sep 2025 19:11

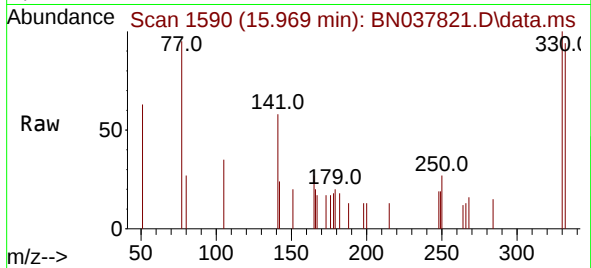
Tgt Ion:164 Resp: 6237
Ion Ratio Lower Upper
164 100
162 105.0 83.1 124.7
160 57.0 44.3 66.5



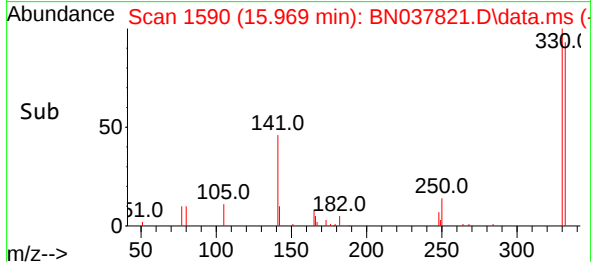
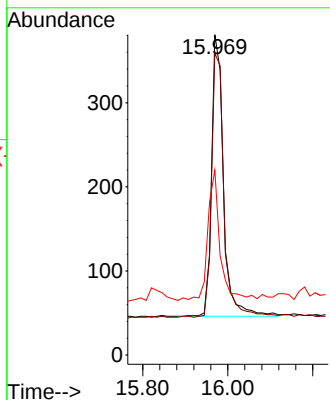


#14
2,4,6-Tribromophenol
Concen: 0.400 ng
RT: 15.969 min Scan# 1591
Delta R.T. -0.013 min
Lab File: BN037821.D
Acq: 19 Sep 2025 19:11

Instrument :
BNA_N
ClientSampleId :

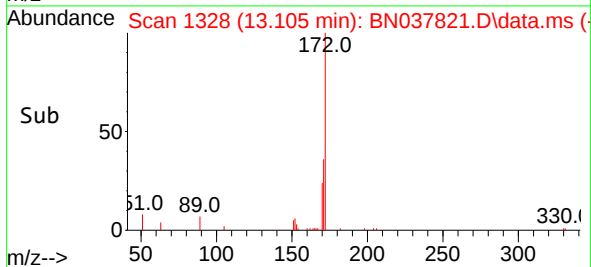
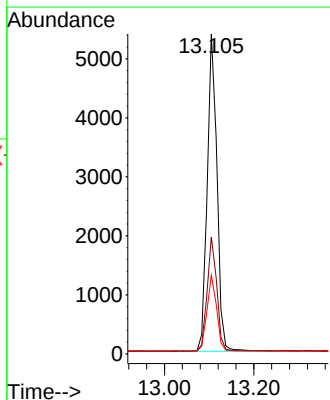
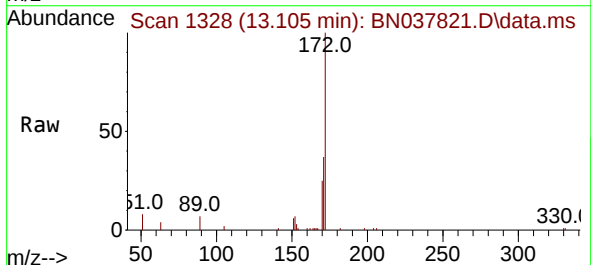


Tgt Ion:330 Resp: 651
Ion Ratio Lower Upper
330 100
332 96.6 75.3 112.9
141 47.6 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037821.D
Acq: 19 Sep 2025 19:11

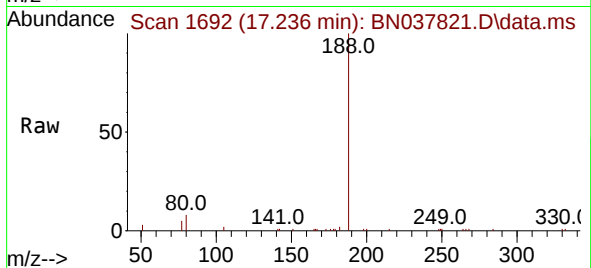
Tgt Ion:172 Resp: 8107
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 24.6 19.8 29.8



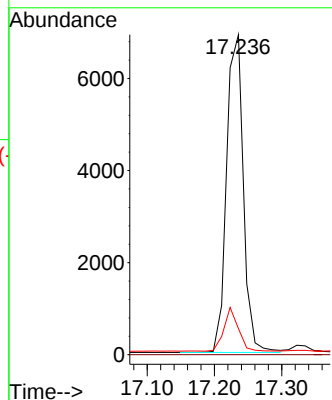
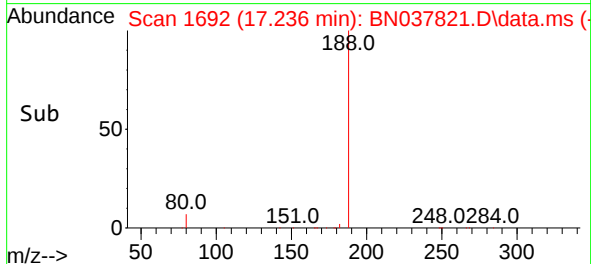


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037821.D
Acq: 19 Sep 2025 19:11

Instrument :
BNA_N
ClientSampleId :

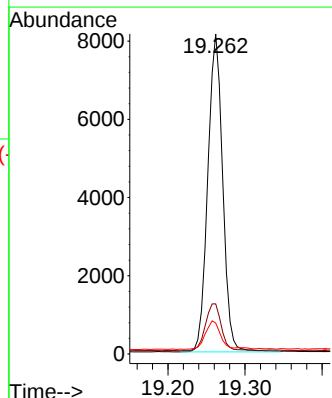
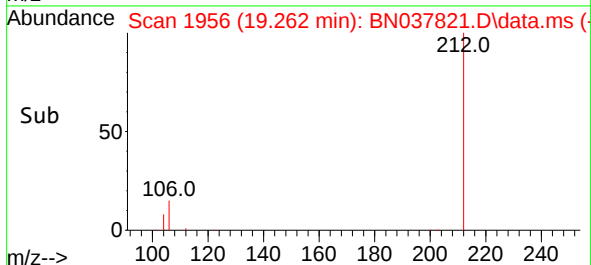
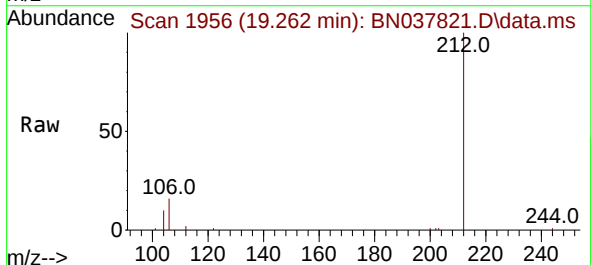


Tgt Ion:188 Resp: 11940
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037821.D
Acq: 19 Sep 2025 19:11

Tgt Ion:212 Resp: 10926
Ion Ratio Lower Upper
212 100
106 15.9 12.2 18.2
104 8.8 6.9 10.3

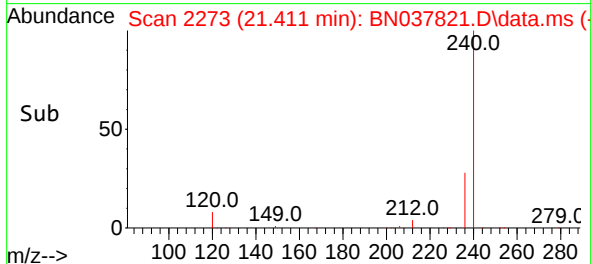
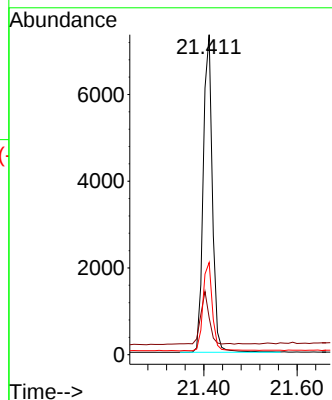
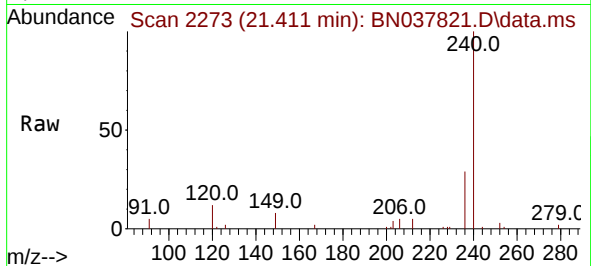




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037821.D
Acq: 19 Sep 2025 19:11

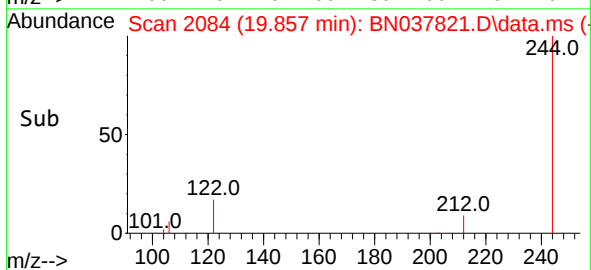
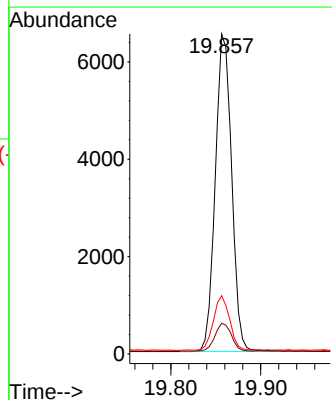
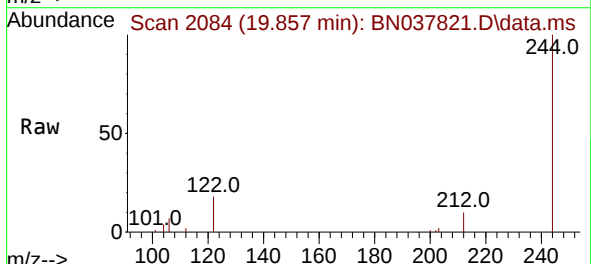
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BNA_N
ClientSampleId :

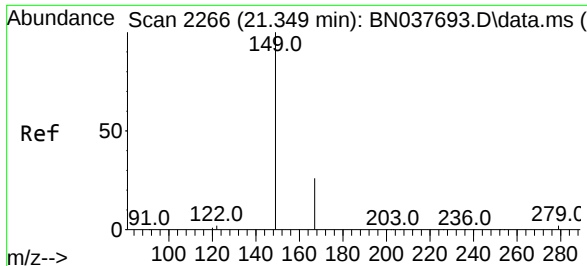
Tgt Ion:240 Resp: 10042
Ion Ratio Lower Upper
240 100
120 11.5 9.2 13.8
236 28.8 22.6 33.8



#31
Terphenyl-d14
Concen: 0.404 ng
RT: 19.857 min Scan# 2084
Delta R.T. -0.014 min
Lab File: BN037821.D
Acq: 19 Sep 2025 19:11

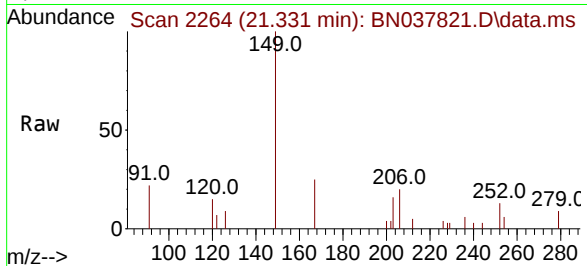
Tgt Ion:244 Resp: 8235
Ion Ratio Lower Upper
244 100
212 9.6 7.5 11.3
122 18.2 13.2 19.8



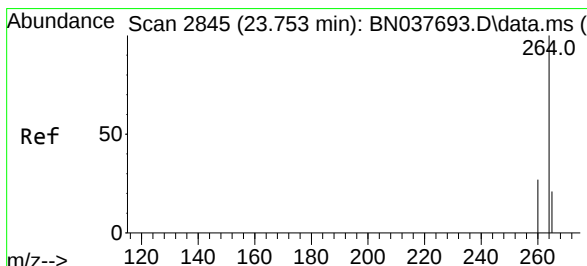
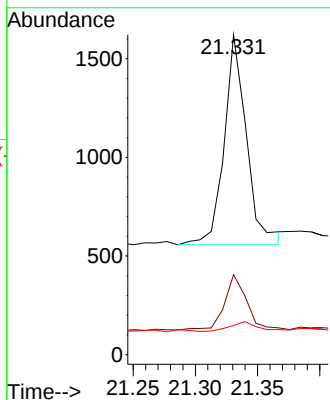
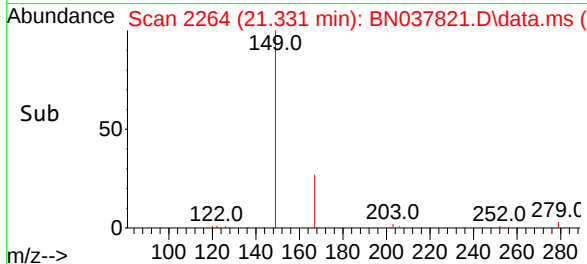


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.128 ng
RT: 21.331 min Scan# 21333
Delta R.T. -0.018 min
Lab File: BN037821.D
Acq: 19 Sep 2025 19:11

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:149 Resp: 1333
Ion Ratio Lower Upper
149 100
167 26.0 20.8 31.2
279 6.2 3.3 4.9#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.739 min Scan# 2840
Delta R.T. -0.015 min
Lab File: BN037821.D
Acq: 19 Sep 2025 19:11

Tgt Ion:264 Resp: 9356
Ion Ratio Lower Upper
264 100
260 27.5 21.8 32.8
265 75.5 39.4 59.2#

