

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037754.D
 Acq On : 17 Sep 2025 20:01
 Operator : RC/JU
 Sample : Q3095-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20250909

Quant Time: Sep 18 05:01:17 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)

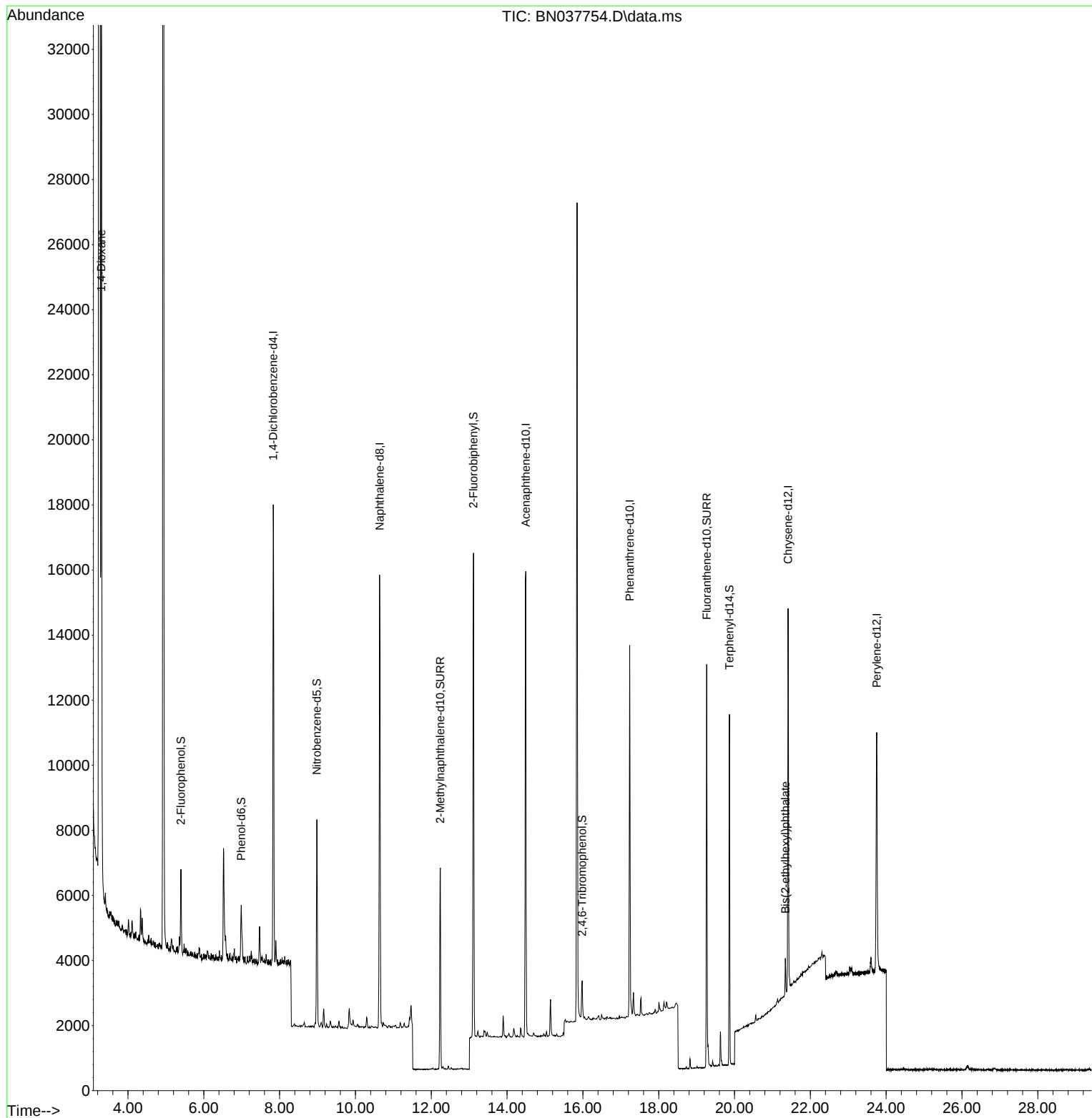
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	6754	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	18549	0.400	ng	-0.01
13) Acenaphthene-d10	14.494	164	8723	0.400	ng	0.00
19) Phenanthrene-d10	17.235	188	14502	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	10754	0.400	ng	# 0.00
35) Perylene-d12	23.750	264	10771	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2035	0.131	ng	0.00
5) Phenol-d6	6.988	99	1494	0.074	ng	0.00
8) Nitrobenzene-d5	8.982	82	4878	0.360	ng	-0.01
11) 2-Methylnaphthalene-d10	12.238	152	8309	0.338	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	798	0.351	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	12743	0.349	ng	0.00
27) Fluoranthene-d10	19.266	212	13539	0.372	ng	0.00
31) Terphenyl-d14	19.866	244	10113	0.463	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.297	88	19862	2.823	ng	94
34) Bis(2-ethylhexyl)phtha...	21.340	149	1128	0.101	ng	# 97

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

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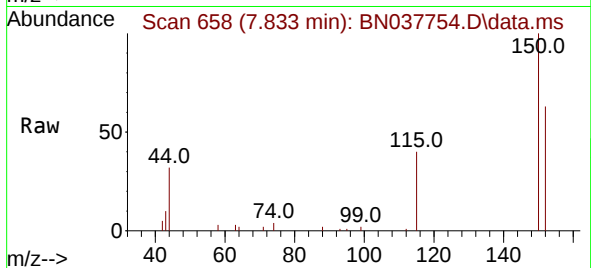
Quant Time: Sep 18 05:01:17 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



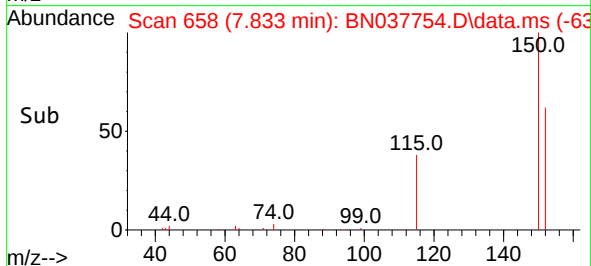
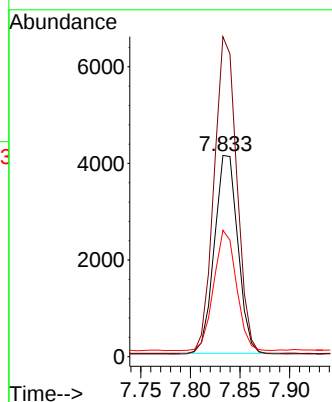


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037754.D
 Acq: 17 Sep 2025 20:01

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20250909

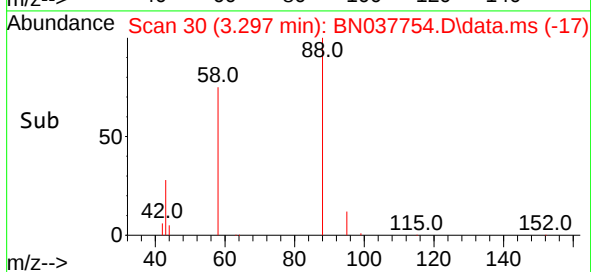
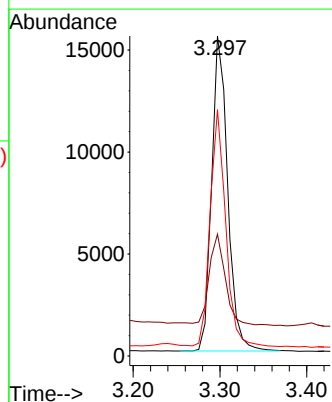
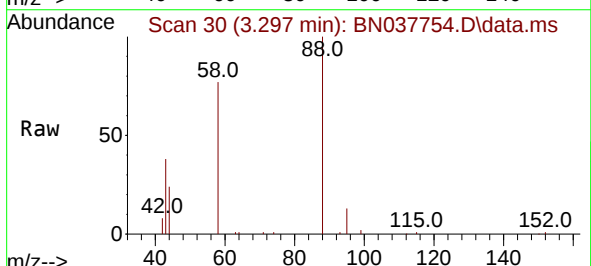


Tgt Ion:152 Resp: 6754
 Ion Ratio Lower Upper
 152 100
 150 159.0 124.5 186.7
 115 62.8 49.2 73.8



#2
 1,4-Dioxane
 Concen: 2.823 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037754.D
 Acq: 17 Sep 2025 20:01

Tgt Ion: 88 Resp: 19862
 Ion Ratio Lower Upper
 88 100
 43 29.1 26.8 40.2
 58 72.8 61.9 92.9

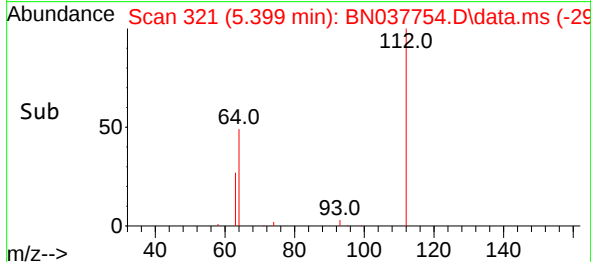
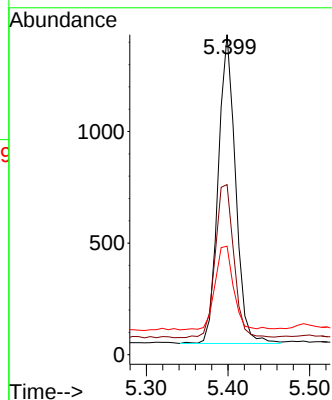
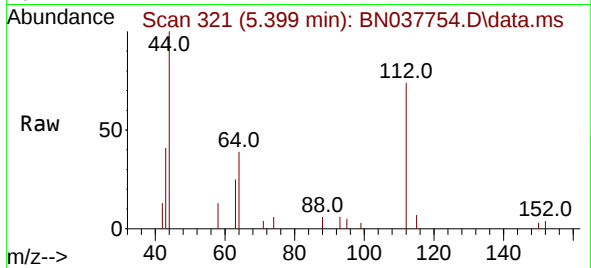




#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037754.D
Acq: 17 Sep 2025 20:01

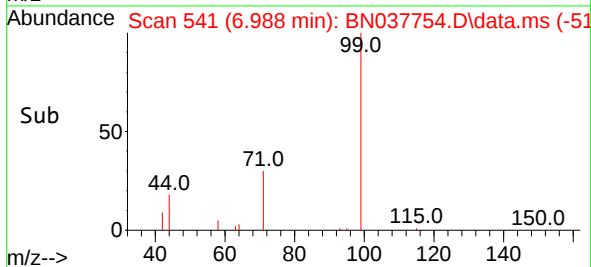
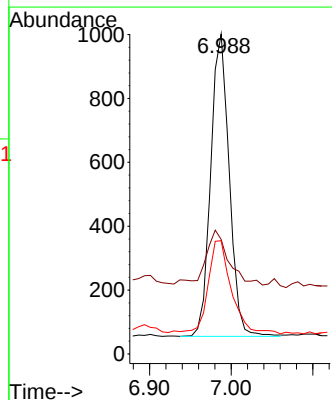
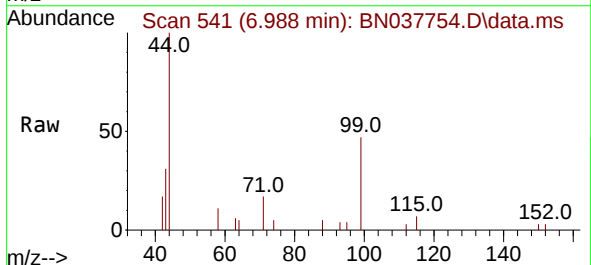
Instrument :
BNA_N
ClientSampleId :
RE122D1-20250909

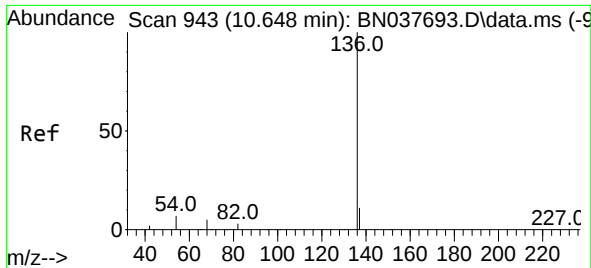
Tgt Ion:112 Resp: 2035
Ion Ratio Lower Upper
112 100
64 53.4 44.9 67.3
63 29.5 24.7 37.1



#5
Phenol-d6
Concen: 0.074 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037754.D
Acq: 17 Sep 2025 20:01

Tgt Ion: 99 Resp: 1494
Ion Ratio Lower Upper
99 100
42 23.1 16.6 24.8
71 39.6 26.7 40.1

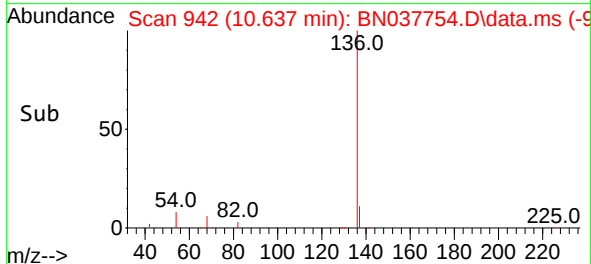
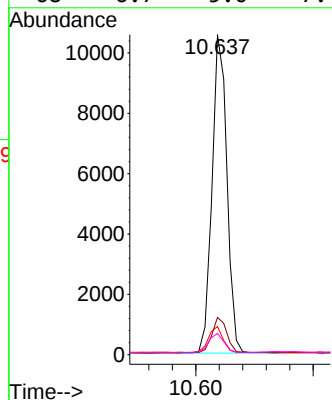
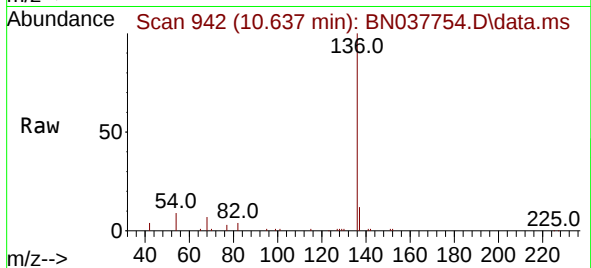




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037754.D
Acq: 17 Sep 2025 20:01

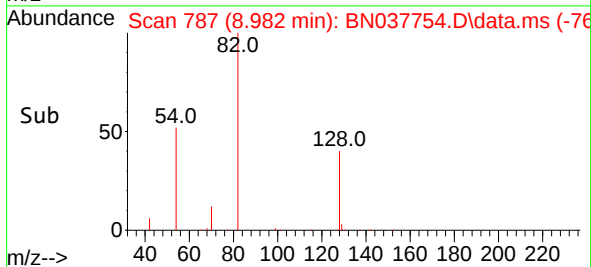
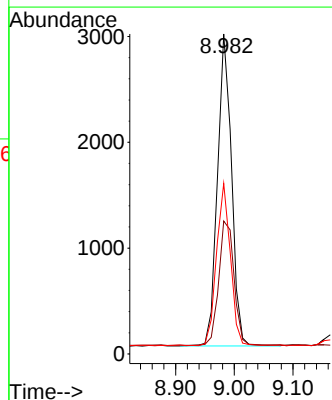
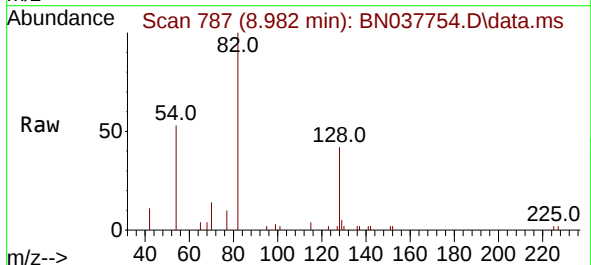
Instrument :
BNA_N
ClientSampleId :
RE122D1-20250909

Tgt Ion:136	Resp:	18549
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.1 13.7
54	8.8	6.3 9.5
68	6.7	5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.360 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037754.D
Acq: 17 Sep 2025 20:01

Tgt Ion: 82	Resp:	4878
Ion Ratio	Lower	Upper
82	100	
128	41.5	38.3 57.5
54	53.3	41.4 62.2

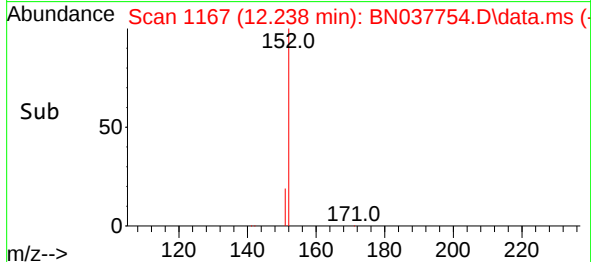
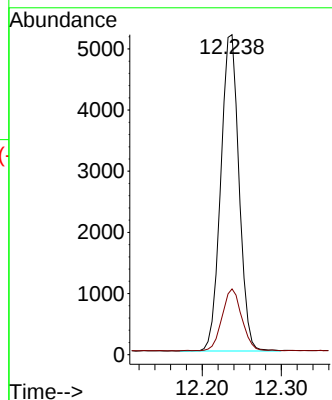
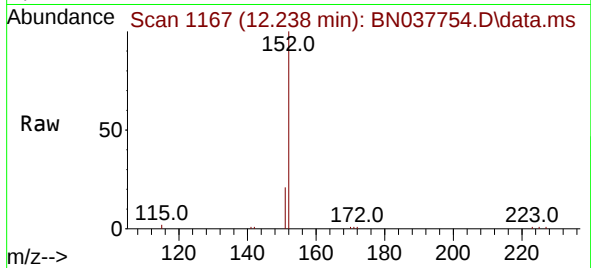




#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 12.238 min Scan# 1167
Delta R.T. -0.005 min
Lab File: BN037754.D
Acq: 17 Sep 2025 20:01

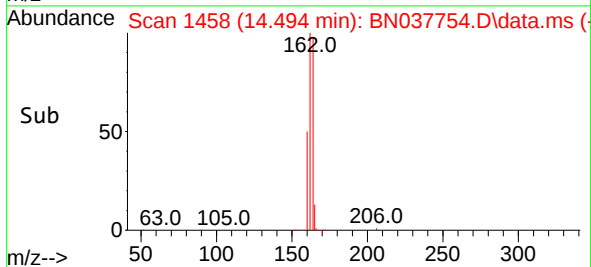
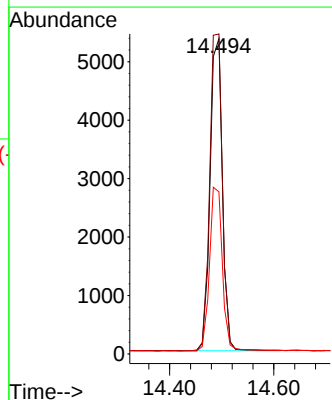
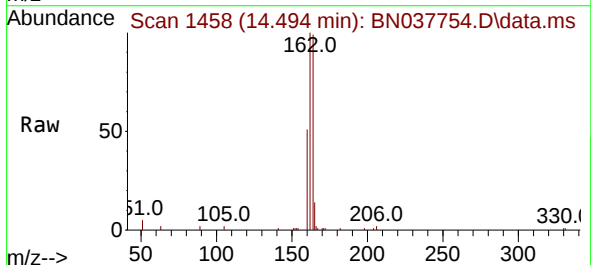
Instrument :
BNA_N
ClientSampleId :
RE122D1-20250909

Tgt Ion:152 Resp: 8309
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.494 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BN037754.D
Acq: 17 Sep 2025 20:01

Tgt Ion:164 Resp: 8723
Ion Ratio Lower Upper
164 100
162 101.5 83.1 124.7
160 51.5 44.3 66.5

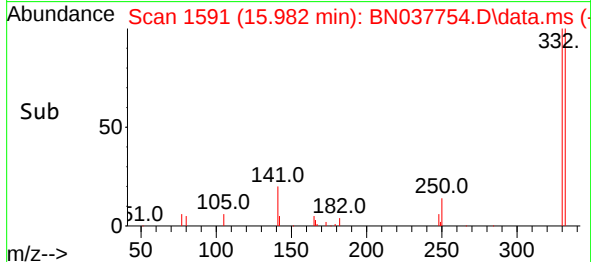
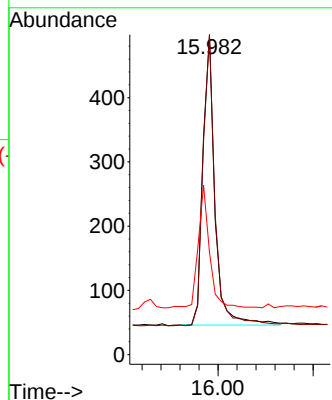
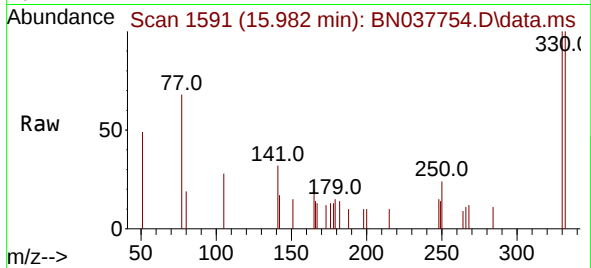




#14
2,4,6-Tribromophenol
Concen: 0.351 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037754.D
Acq: 17 Sep 2025 20:01

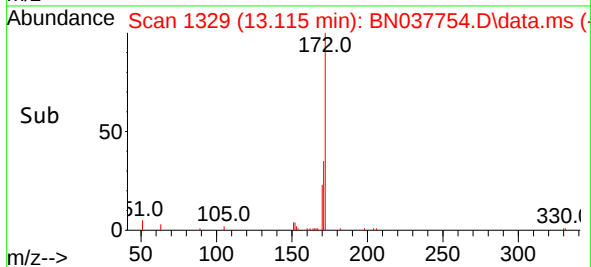
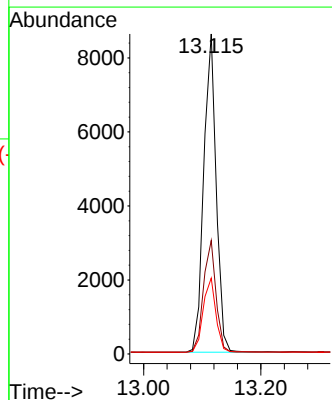
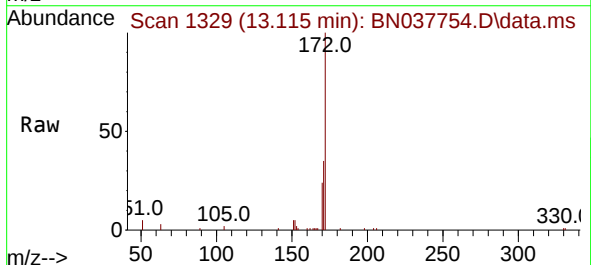
Instrument :
BNA_N
ClientSampleId :
RE122D1-20250909

Tgt Ion:330 Resp: 798
Ion Ratio Lower Upper
330 100
332 100.0 75.3 112.9
141 40.6 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 13.115 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BN037754.D
Acq: 17 Sep 2025 20:01

Tgt Ion:172 Resp: 12743
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.7 19.8 29.8

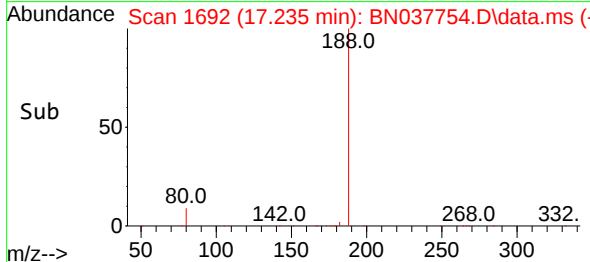
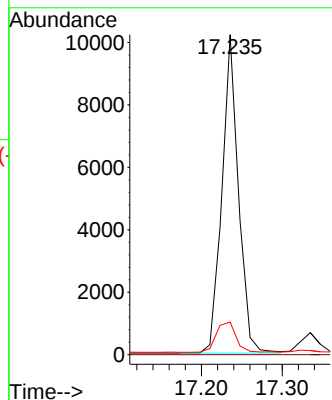
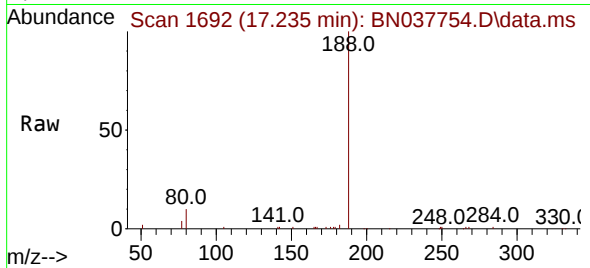




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037754.D
Acq: 17 Sep 2025 20:01

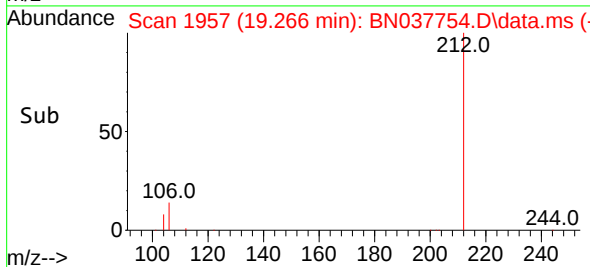
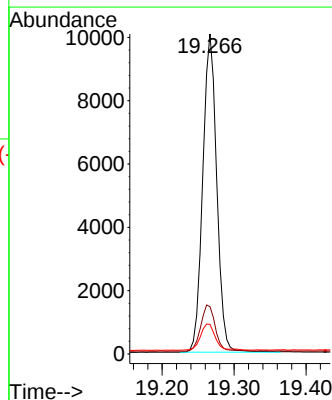
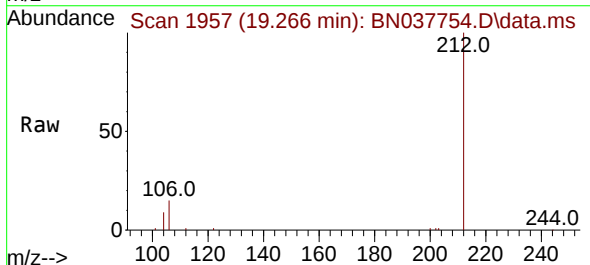
Instrument :
BNA_N
ClientSampleId :
RE122D1-20250909

Tgt Ion:188 Resp: 14502
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.266 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN037754.D
Acq: 17 Sep 2025 20:01

Tgt Ion:212 Resp: 13539
Ion Ratio Lower Upper
212 100
106 15.2 12.2 18.2
104 8.6 6.9 10.3

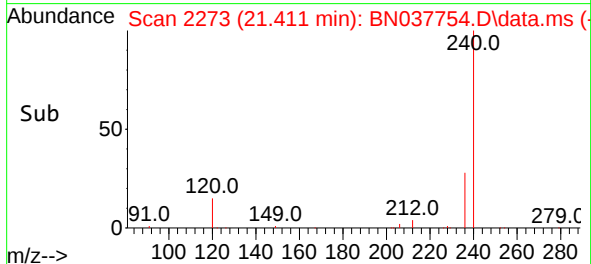
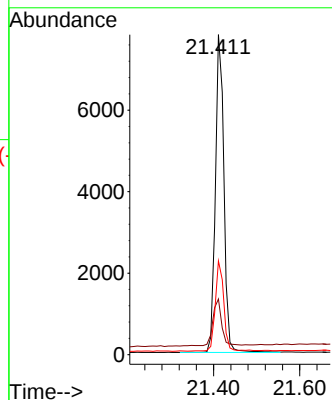
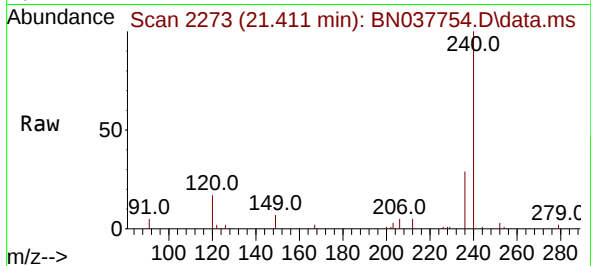




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037754.D
Acq: 17 Sep 2025 20:01

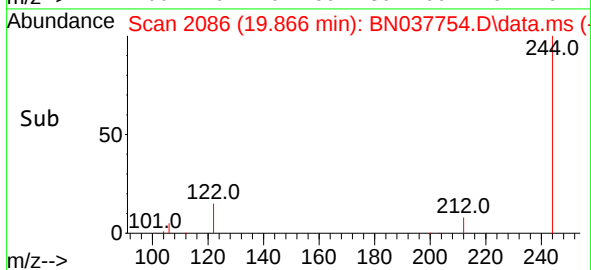
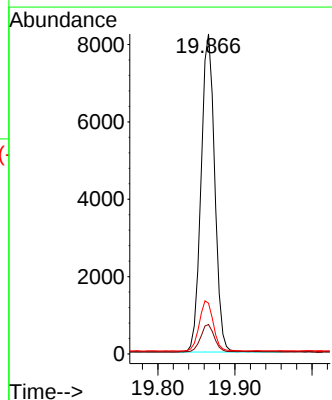
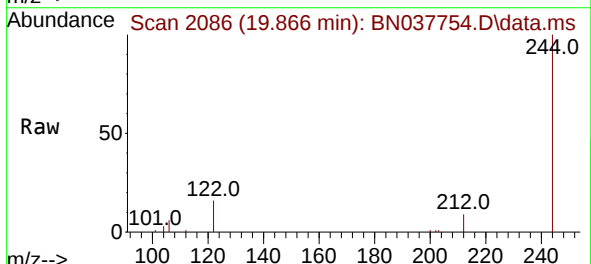
Instrument :
BNA_N
ClientSampleId :
RE122D1-20250909

Tgt Ion:240 Resp: 10754
Ion Ratio Lower Upper
240 100
120 17.4 9.2 13.8#
236 29.3 22.6 33.8



#31
Terphenyl-d14
Concen: 0.463 ng
RT: 19.866 min Scan# 2086
Delta R.T. -0.005 min
Lab File: BN037754.D
Acq: 17 Sep 2025 20:01

Tgt Ion:244 Resp: 10113
Ion Ratio Lower Upper
244 100
212 9.2 7.5 11.3
122 15.8 13.2 19.8

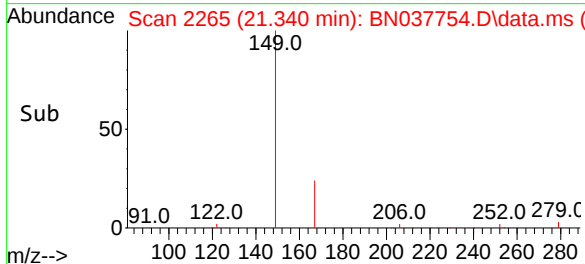
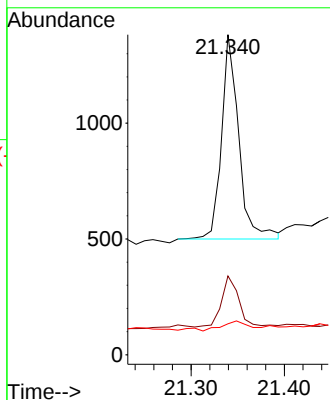
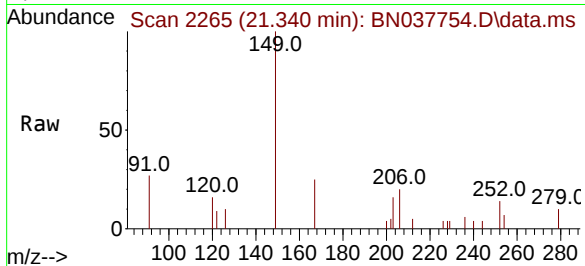




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.101 ng
 RT: 21.340 min Scan# 211
 Delta R.T. -0.009 min
 Lab File: BN037754.D
 Acq: 17 Sep 2025 20:01

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:149 Resp: 1128
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.8 31.2
 279 7.7 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.750 min Scan# 2844
 Delta R.T. -0.003 min
 Lab File: BN037754.D
 Acq: 17 Sep 2025 20:01

Tgt Ion:264 Resp: 10771
 Ion Ratio Lower Upper
 264 100
 260 26.1 21.8 32.8
 265 68.0 39.4 59.2#

