

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037784.D
 Acq On : 18 Sep 2025 19:25
 Operator : RC/JU
 Sample : Q3095-22
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 04:15:11 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)

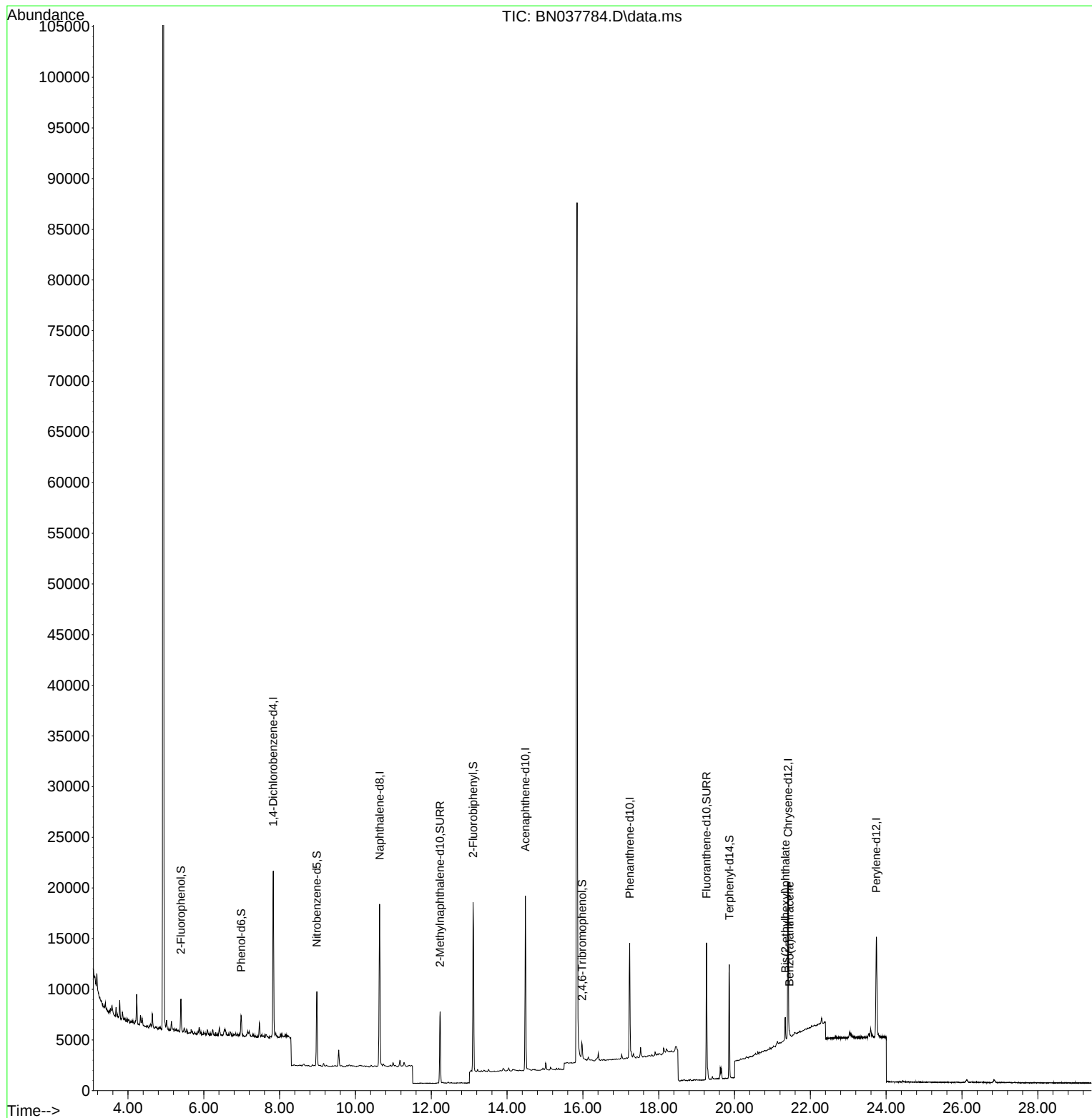
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	7721	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	20880	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	9442	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	16202	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	13556	0.400	ng	0.00
35) Perylene-d12	23.741	264	13782	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2651	0.150	ng	0.00
5) Phenol-d6	6.988	99	1924	0.084	ng	0.00
8) Nitrobenzene-d5	8.982	82	5656	0.370	ng	-0.01
11) 2-Methylnaphthalene-d10	12.233	152	9459	0.342	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	1049	0.426	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	14911	0.378	ng	-0.01
27) Fluoranthene-d10	19.262	212	14723	0.362	ng	0.00
31) Terphenyl-d14	19.861	244	10812	0.393	ng	0.00
Target Compounds						Qvalue
32) Benzo(a)anthracene	21.447	228	1011	0.021	ng	# 49
34) Bis(2-ethylhexyl)phtha...	21.340	149	2668	0.190	ng	96

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

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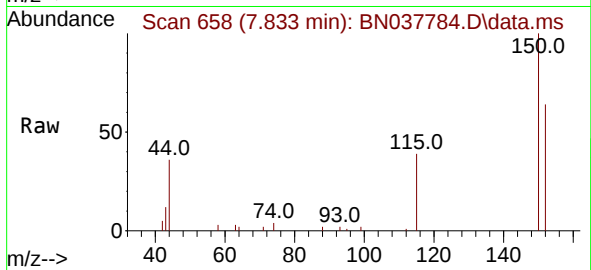
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



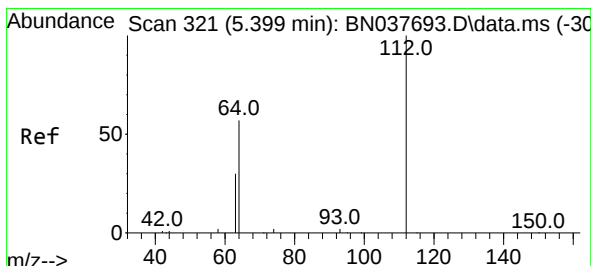
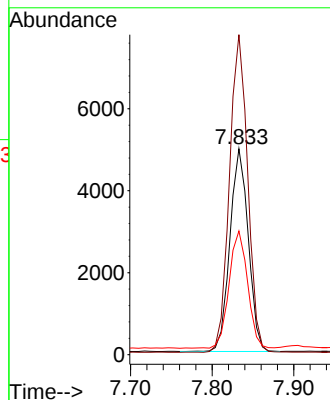
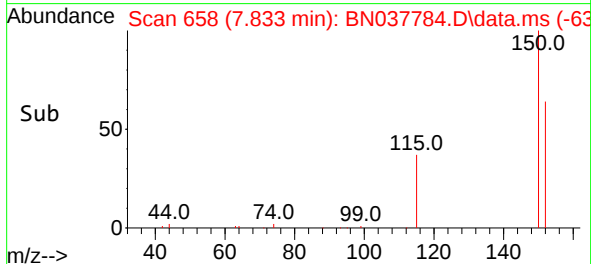


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 659
 Delta R.T. -0.007 min
 Lab File: BN037784.D
 Acq: 18 Sep 2025 19:25

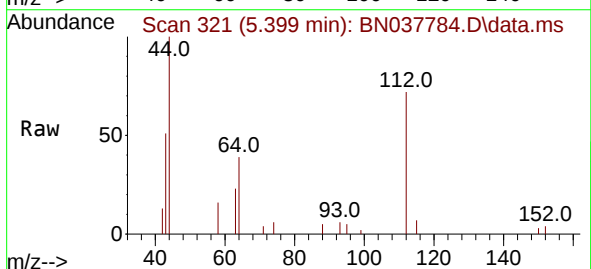
Instrument :
 BNA_N
 ClientSampleId :



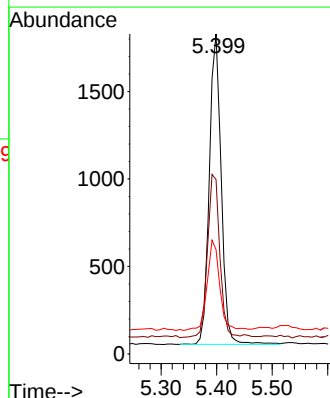
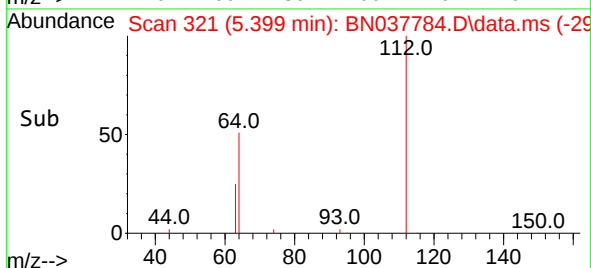
Tgt Ion:152 Resp: 7721
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.5 186.7
 115 60.0 49.2 73.8

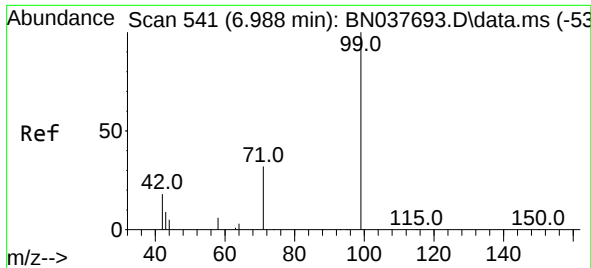


#4
 2-Fluorophenol
 Concen: 0.150 ng
 RT: 5.399 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: BN037784.D
 Acq: 18 Sep 2025 19:25



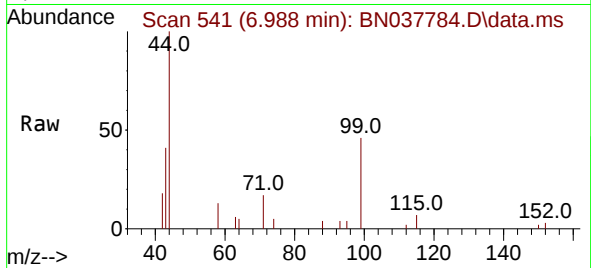
Tgt Ion:112 Resp: 2651
 Ion Ratio Lower Upper
 112 100
 64 53.9 44.9 67.3
 63 30.7 24.7 37.1



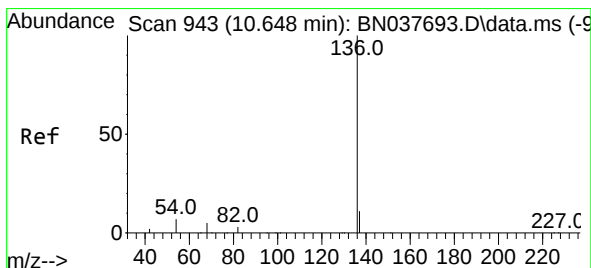
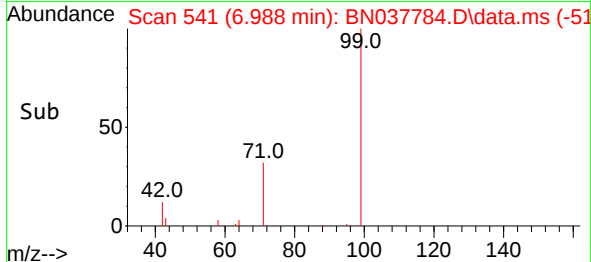
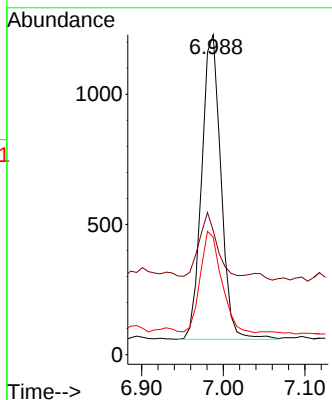


#5
Phenol-d6
Concen: 0.084 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037784.D
Acq: 18 Sep 2025 19:25

Instrument :
BNA_N
ClientSampleId :

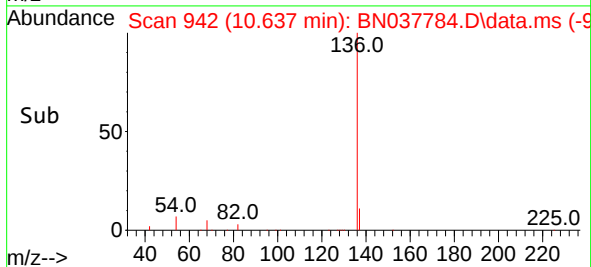
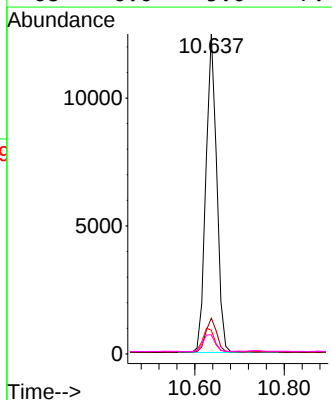
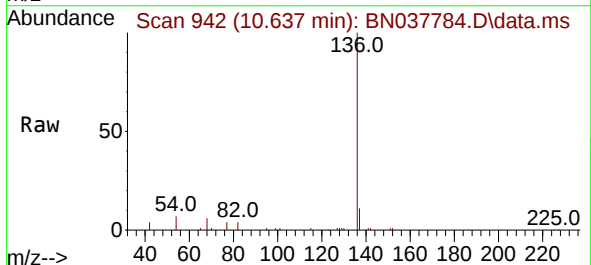


Tgt Ion: 99 Resp: 1924
Ion Ratio Lower Upper
99 100
42 19.6 16.6 24.8
71 36.4 26.7 40.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037784.D
Acq: 18 Sep 2025 19:25

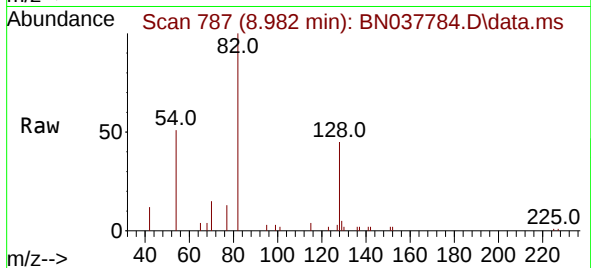
Tgt Ion: 136 Resp: 20880
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.4 6.3 9.5
68 6.0 5.0 7.4



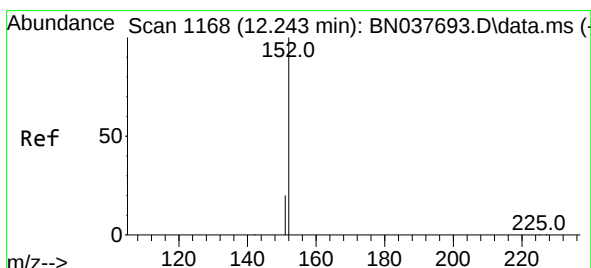
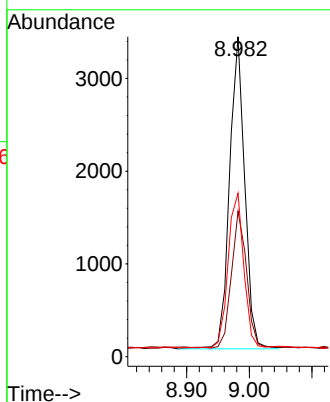
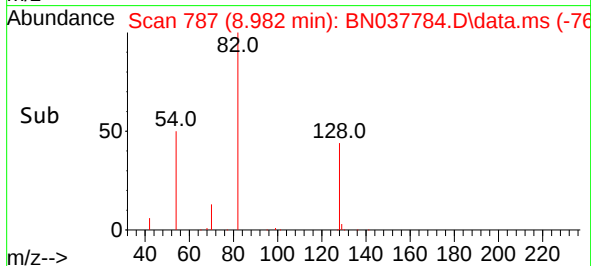


#8
 Nitrobenzene-d5
 Concen: 0.370 ng
 RT: 8.982 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN037784.D
 Acq: 18 Sep 2025 19:25

Instrument :
 BNA_N
 ClientSampleId :

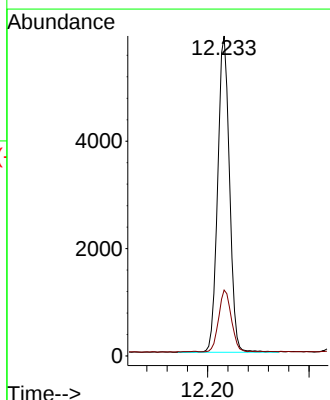
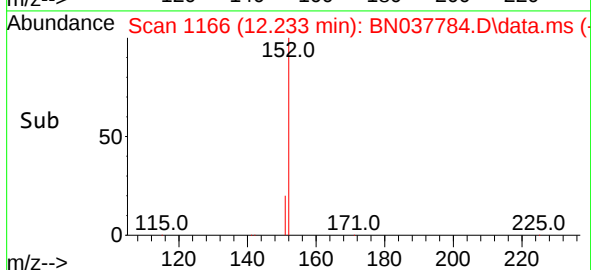
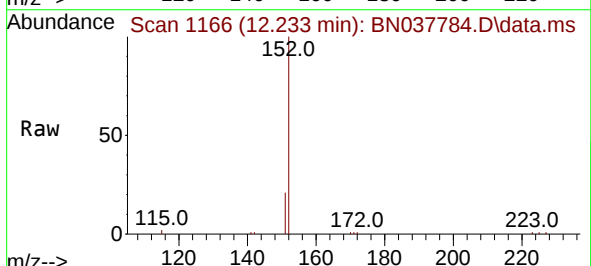


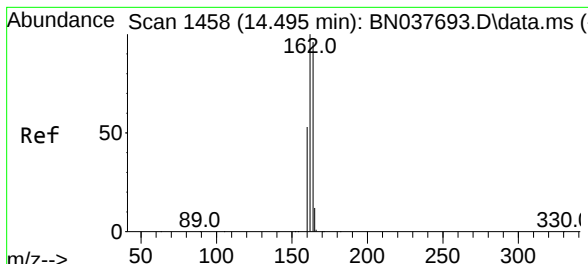
Tgt Ion: 82 Resp: 5656
 Ion Ratio Lower Upper
 82 100
 128 45.4 38.3 57.5
 54 51.1 41.4 62.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.342 ng
 RT: 12.233 min Scan# 1166
 Delta R.T. -0.010 min
 Lab File: BN037784.D
 Acq: 18 Sep 2025 19:25

Tgt Ion: 152 Resp: 9459
 Ion Ratio Lower Upper
 152 100
 151 21.0 17.0 25.6

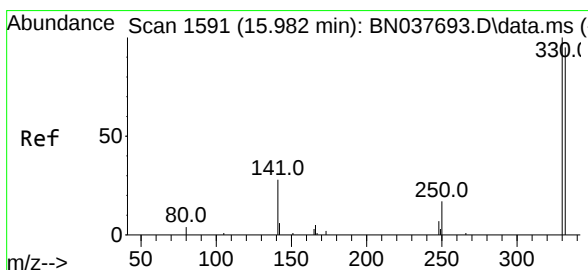
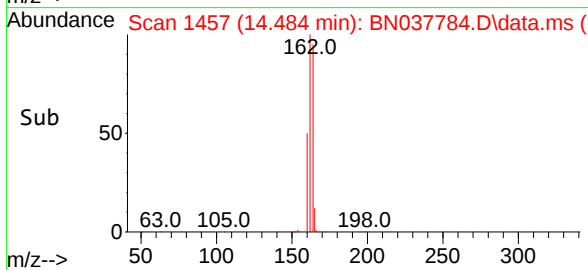
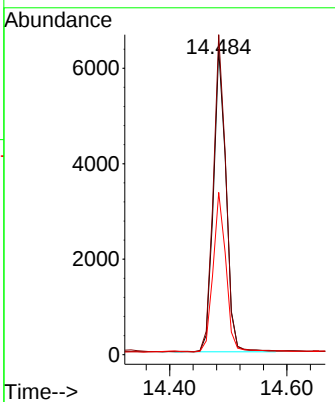
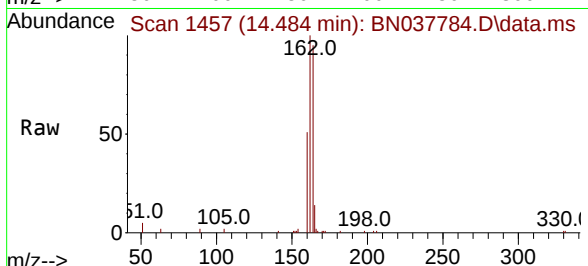




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.484 min Scan# 1457
 Delta R.T. -0.011 min
 Lab File: BN037784.D
 Acq: 18 Sep 2025 19:25

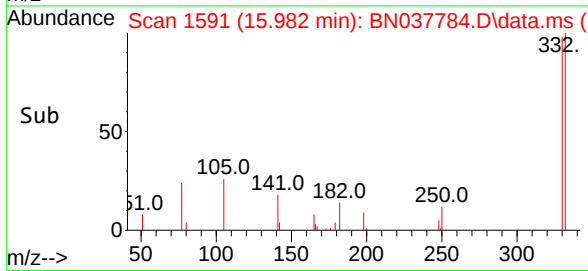
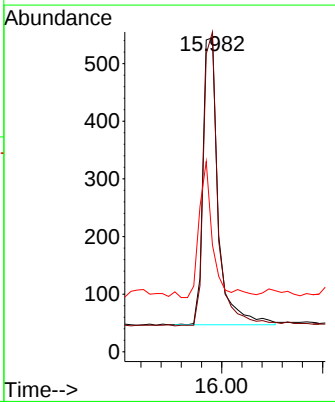
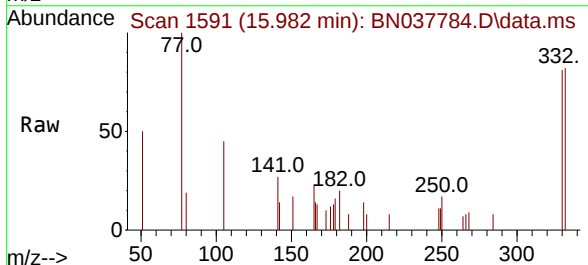
Instrument :
 BNA_N
 ClientSampleId :

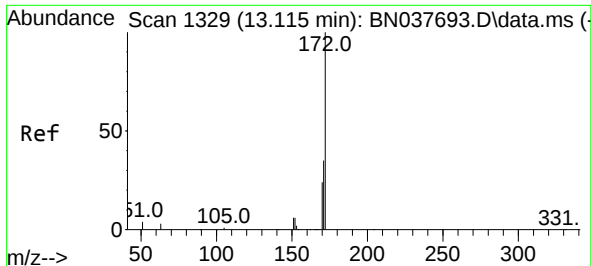
Tgt Ion:	164	Resp:	9442
Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.1	124.7
160	53.1	44.3	66.5



#14
 2,4,6-Tribromophenol
 Concen: 0.426 ng
 RT: 15.982 min Scan# 1591
 Delta R.T. -0.000 min
 Lab File: BN037784.D
 Acq: 18 Sep 2025 19:25

Tgt Ion:	330	Resp:	1049
Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.3	112.9
141	40.0	35.0	52.4

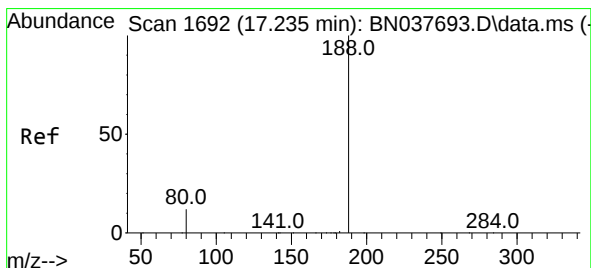
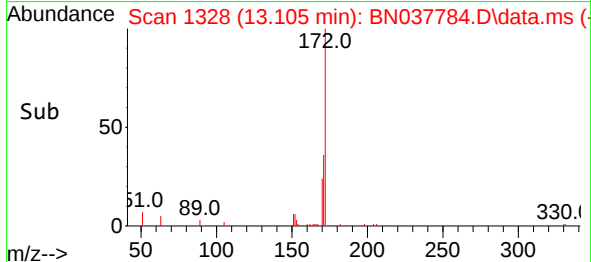
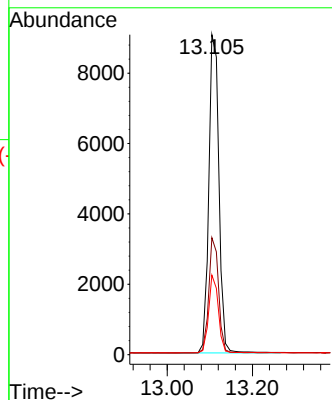
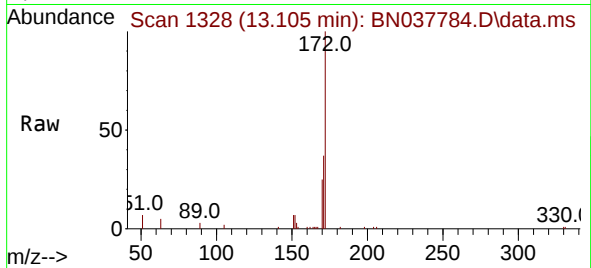




#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037784.D
Acq: 18 Sep 2025 19:25

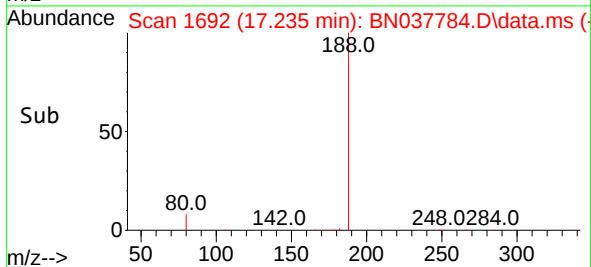
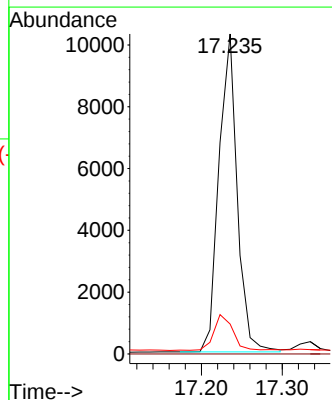
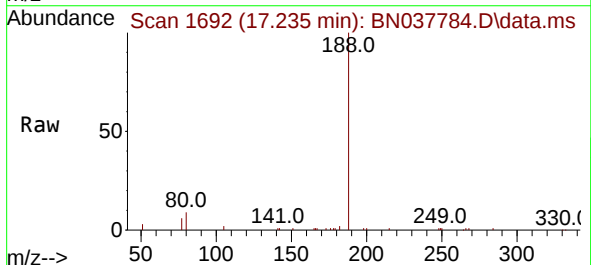
Instrument :
BNA_N
ClientSampleId :

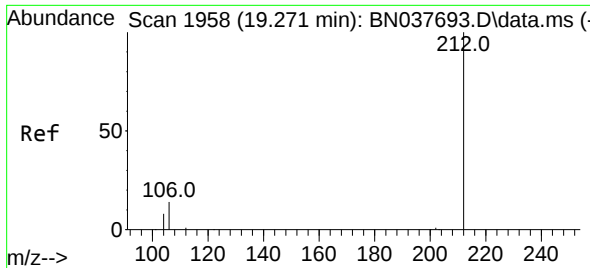
Tgt Ion:172 Resp: 14911
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 24.8 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037784.D
Acq: 18 Sep 2025 19:25

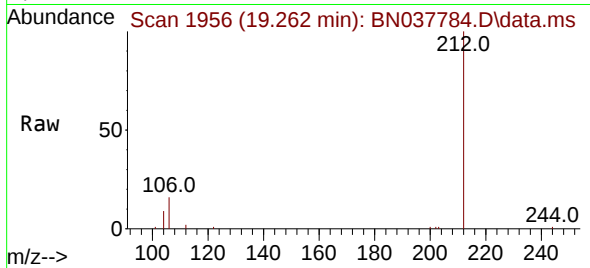
Tgt Ion:188 Resp: 16202
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 10.6 15.8#



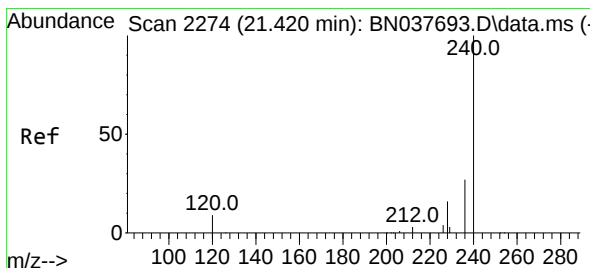
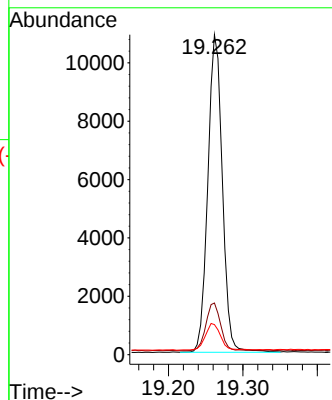


#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037784.D
Acq: 18 Sep 2025 19:25

Instrument :
BNA_N
ClientSampleId :

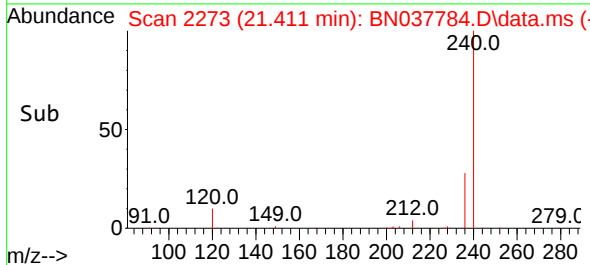
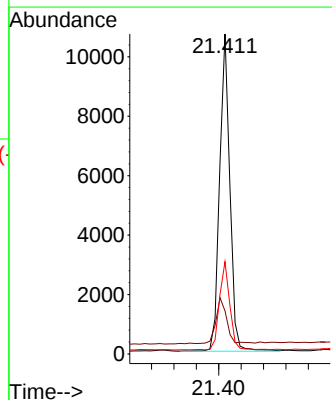
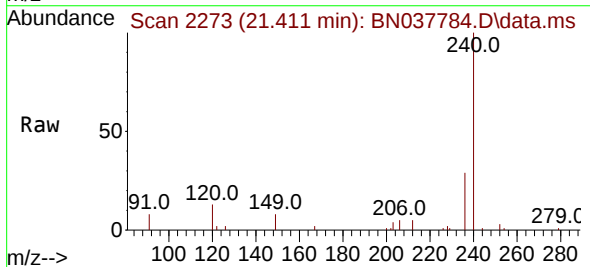


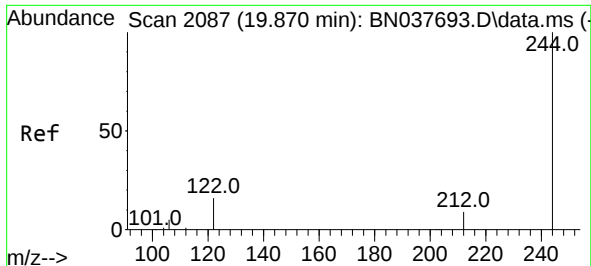
Tgt Ion:212 Resp: 14723
Ion Ratio Lower Upper
212 100
106 15.3 12.2 18.2
104 8.6 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.009 min
Lab File: BN037784.D
Acq: 18 Sep 2025 19:25

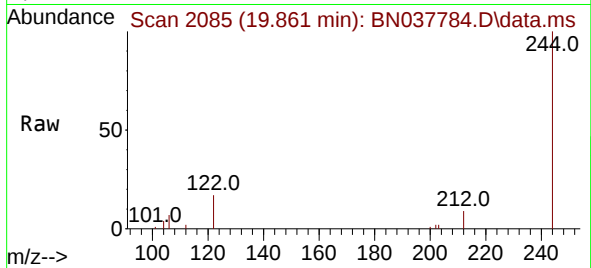
Tgt Ion:240 Resp: 13556
Ion Ratio Lower Upper
240 100
120 13.5 9.2 13.8
236 28.8 22.6 33.8



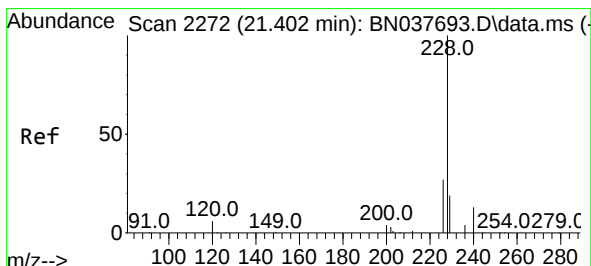
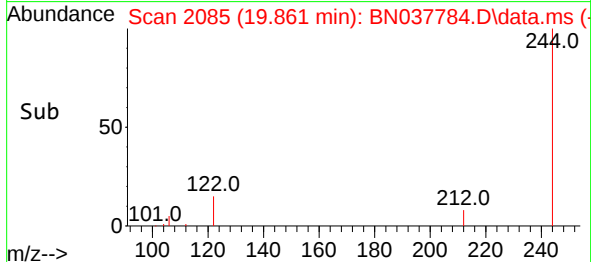
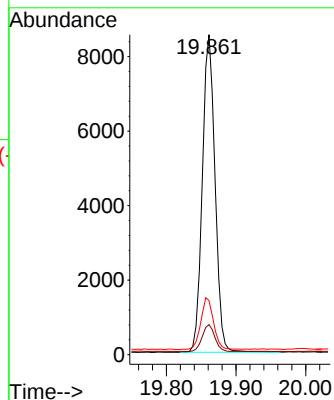


#31
 Terphenyl-d14
 Concen: 0.393 ng
 RT: 19.861 min Scan# 2085
 Delta R.T. -0.009 min
 Lab File: BN037784.D
 Acq: 18 Sep 2025 19:25

Instrument :
 BNA_N
 ClientSampleId :

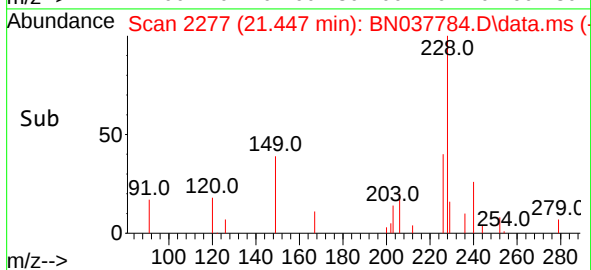
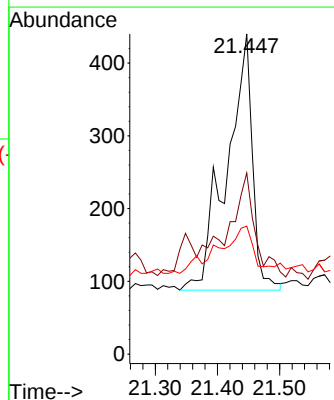
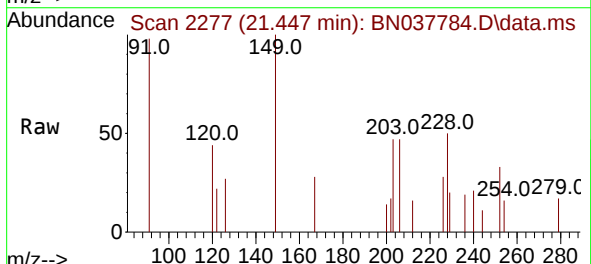


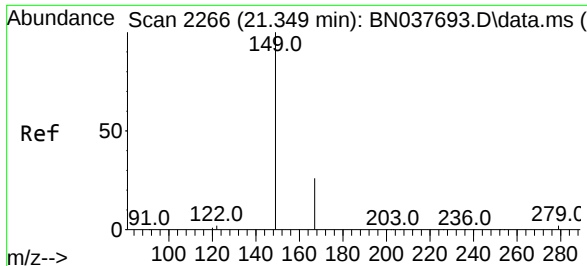
Tgt Ion:244 Resp: 10812
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.5 11.3
 122 16.9 13.2 19.8



#32
 Benzo(a)anthracene
 Concen: 0.021 ng
 RT: 21.447 min Scan# 2277
 Delta R.T. 0.045 min
 Lab File: BN037784.D
 Acq: 18 Sep 2025 19:25

Tgt Ion:228 Resp: 1011
 Ion Ratio Lower Upper
 228 100
 226 56.6 22.2 33.2#
 229 40.0 15.8 23.6#

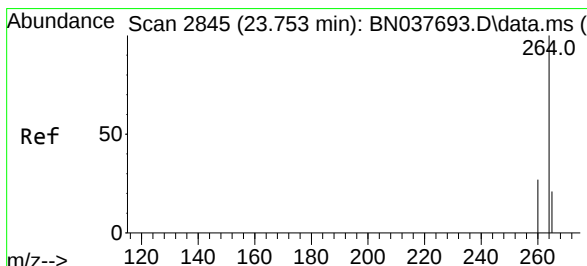
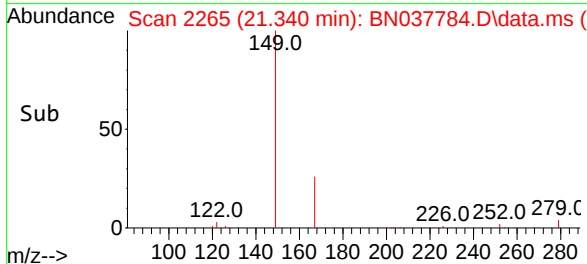
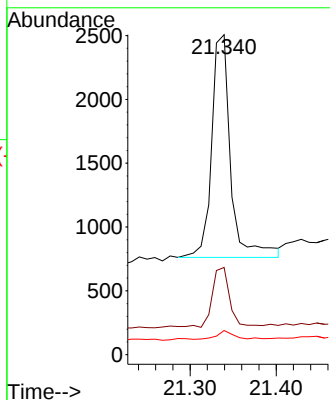
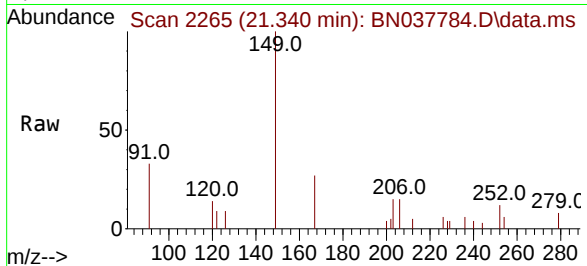




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.190 ng
 RT: 21.340 min Scan# 2134
 Delta R.T. -0.009 min
 Lab File: BN037784.D
 Acq: 18 Sep 2025 19:25

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 2668
 Ion Ratio Lower Upper
 149 100
 167 23.5 20.8 31.2
 279 3.3 3.3 4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.741 min Scan# 2841
 Delta R.T. -0.012 min
 Lab File: BN037784.D
 Acq: 18 Sep 2025 19:25

Tgt Ion:264 Resp: 13782
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.8 32.8
 265 69.2 39.4 59.2#

