

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037837.D
 Acq On : 20 Sep 2025 05:37
 Operator : RC/JU
 Sample : Q3127-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 22 00:35:34 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)

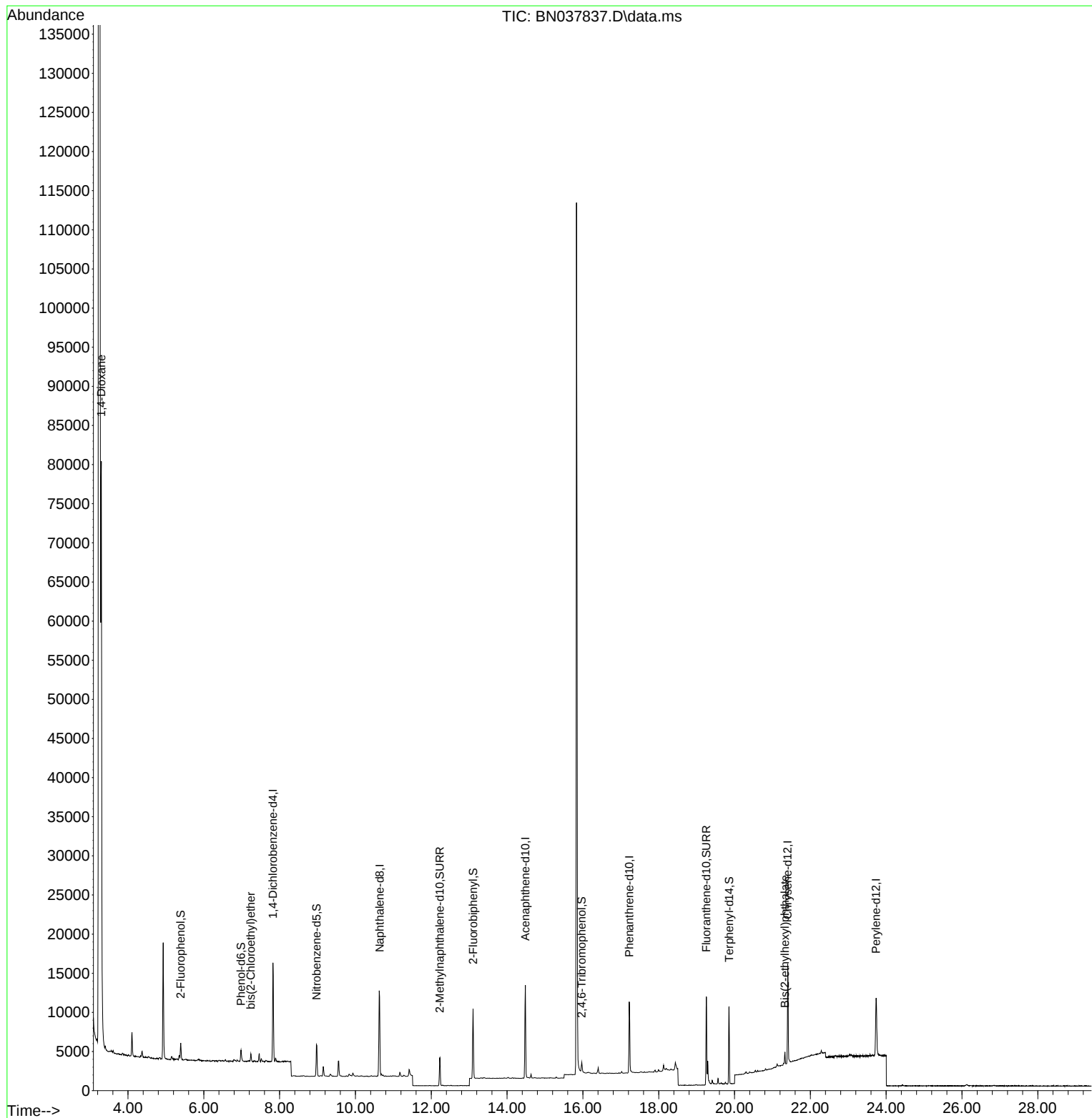
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	5840	0.400	ng	-0.01
7) Naphthalene-d8	10.637	136	15290	0.400	ng	#-0.01
13) Acenaphthene-d10	14.484	164	6642	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	12889	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	11537	0.400	ng	#-0.02
35) Perylene-d12	23.736	264	10995	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1694	0.126	ng	0.00
5) Phenol-d6	6.981	99	1292	0.074	ng	0.00
8) Nitrobenzene-d5	8.971	82	3446	0.308	ng	-0.02
11) 2-Methylnaphthalene-d10	12.228	152	4916	0.243	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	760	0.439	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	7511	0.270	ng	-0.01
27) Fluoranthene-d10	19.257	212	12217	0.378	ng	-0.01
31) Terphenyl-d14	19.857	244	9144	0.390	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	32669	5.371	ng	95
6) bis(2-Chloroethyl)ether	7.241	93	654	0.042	ng	96
34) Bis(2-ethylhexyl)phtha...	21.331	149	1707	0.143	ng	# 98

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

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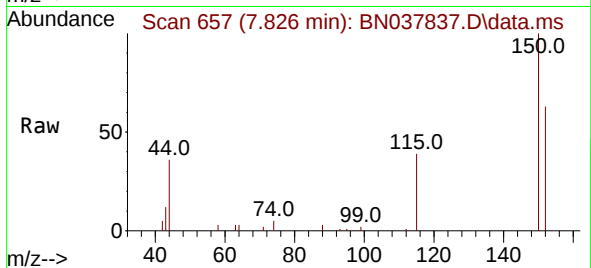
Quant Time: Sep 22 00:35:34 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



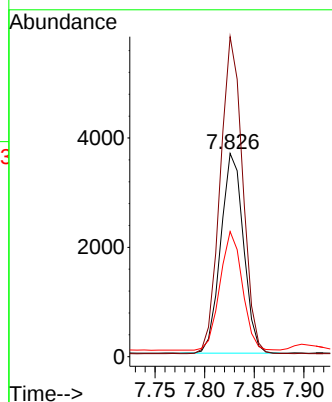
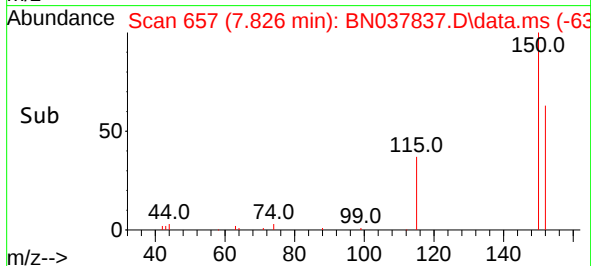


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.826 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN037837.D
 Acq: 20 Sep 2025 05:37

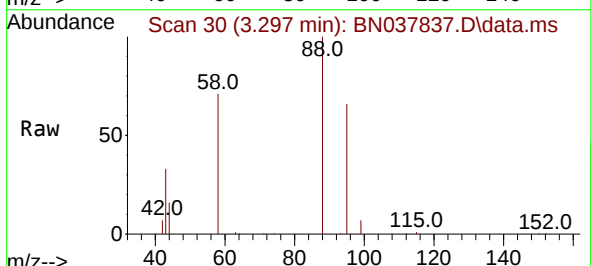
Instrument :
 BNA_N
 ClientSampleId :



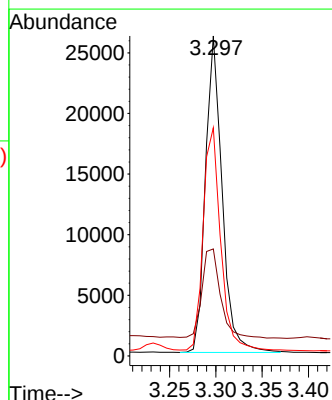
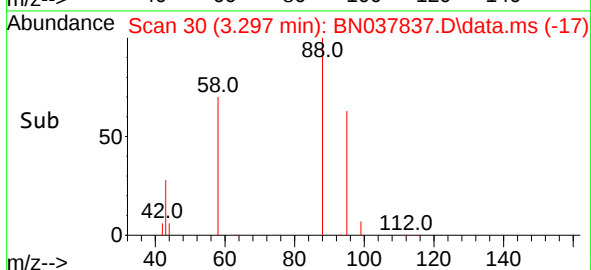
Tgt Ion:152 Resp: 5840
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.5 186.7
 115 61.6 49.2 73.8



#2
 1,4-Dioxane
 Concen: 5.371 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037837.D
 Acq: 20 Sep 2025 05:37



Tgt Ion: 88 Resp: 32669
 Ion Ratio Lower Upper
 88 100
 43 31.4 26.8 40.2
 58 73.1 61.9 92.9

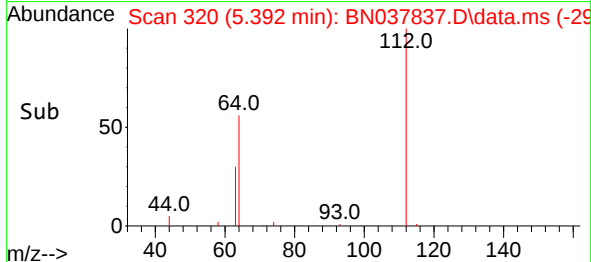
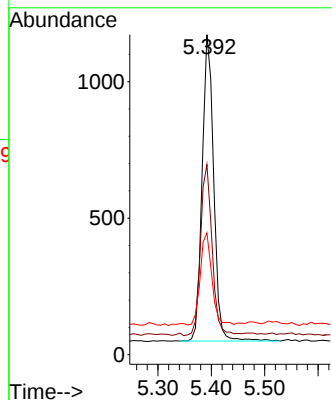
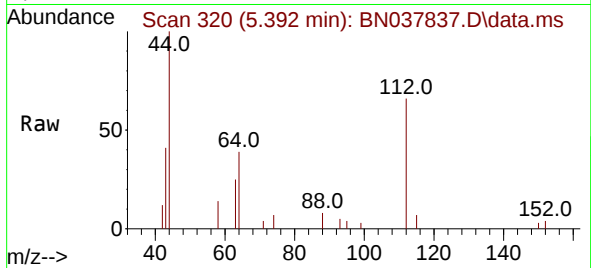




#4
2-Fluorophenol
Concen: 0.126 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037837.D
Acq: 20 Sep 2025 05:37

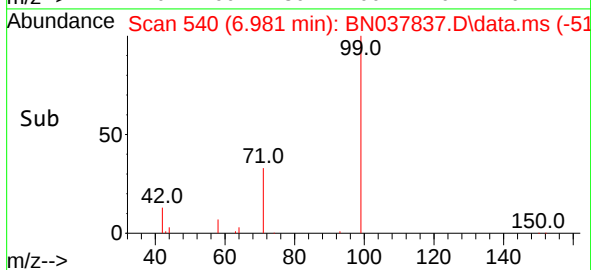
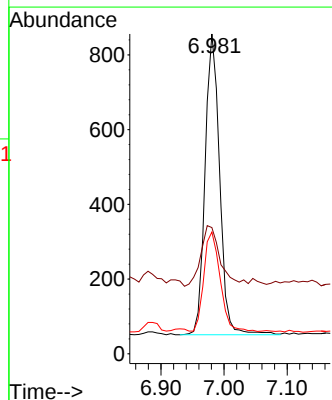
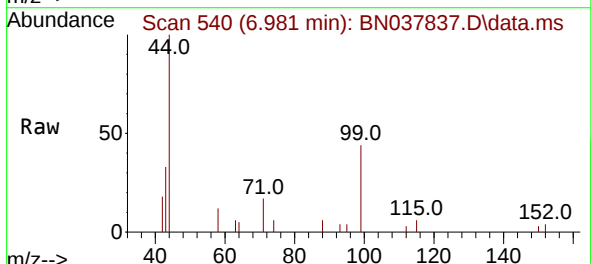
Instrument :
BNA_N
ClientSampleId :

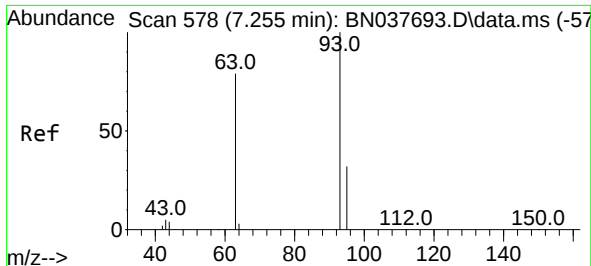
Tgt Ion:112 Resp: 1694
Ion Ratio Lower Upper
112 100
64 56.2 44.9 67.3
63 30.1 24.7 37.1



#5
Phenol-d6
Concen: 0.074 ng
RT: 6.981 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037837.D
Acq: 20 Sep 2025 05:37

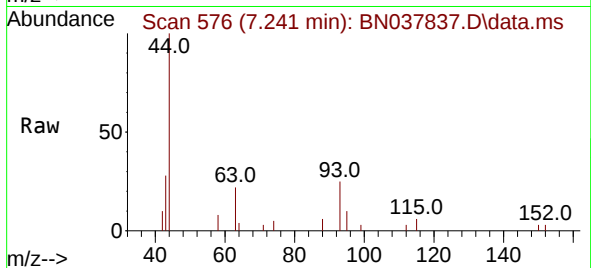
Tgt Ion: 99 Resp: 1292
Ion Ratio Lower Upper
99 100
42 26.0 16.6 24.8#
71 36.8 26.7 40.1



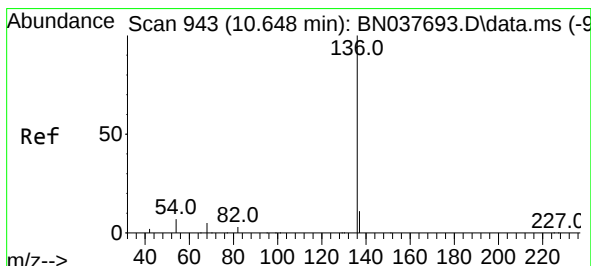
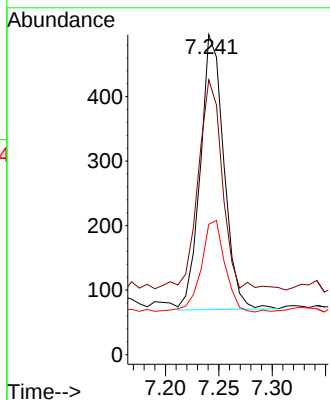
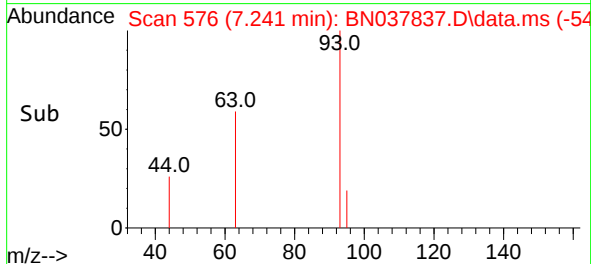


#6
bis(2-Chloroethyl)ether
Concen: 0.042 ng
RT: 7.241 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN037837.D
Acq: 20 Sep 2025 05:37

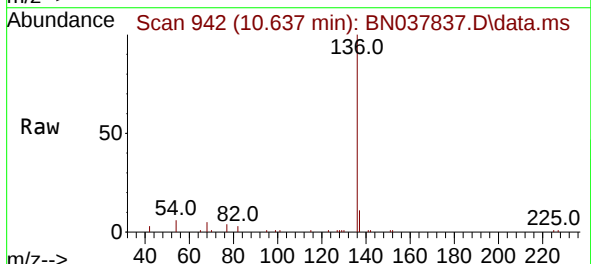
Instrument :
BNA_N
ClientSampleId :



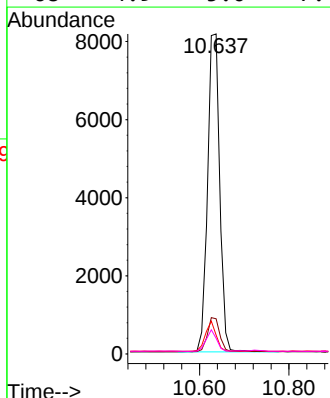
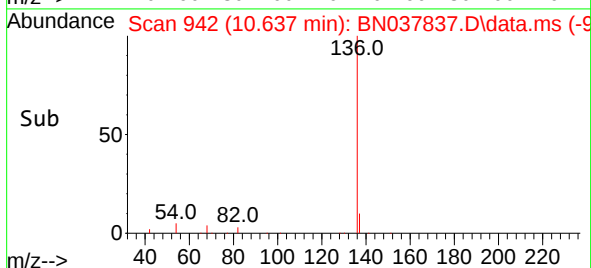
Tgt Ion:	93	Resp:	654
Ion	Ratio	Lower	Upper
93	100		
63	79.7	60.6	90.8
95	33.8	26.0	39.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037837.D
Acq: 20 Sep 2025 05:37



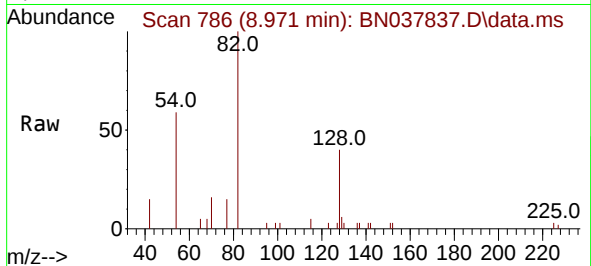
Tgt Ion:	136	Resp:	15290
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	5.9	6.3	9.5#
68	4.9	5.0	7.4#



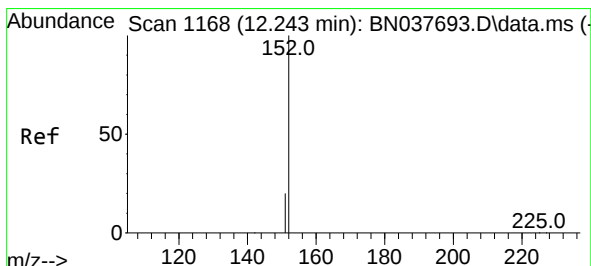
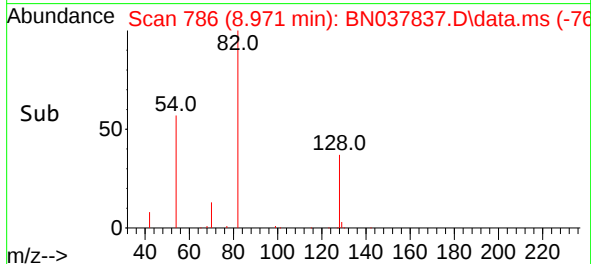
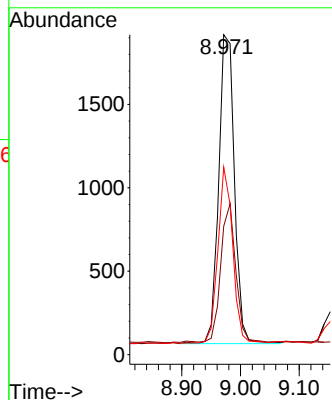


#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 8.971 min Scan# 71
Delta R.T. -0.021 min
Lab File: BN037837.D
Acq: 20 Sep 2025 05:37

Instrument :
BNA_N
ClientSampleId :

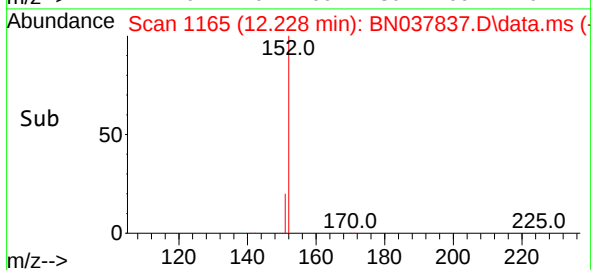
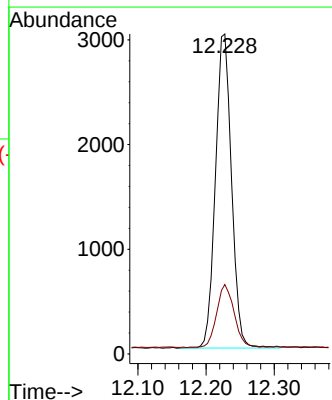
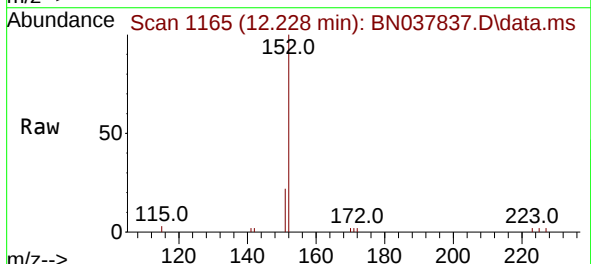


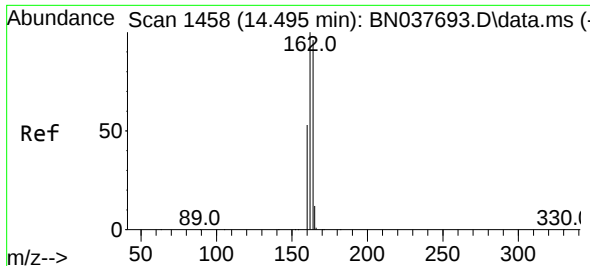
Tgt Ion: 82 Resp: 3446
Ion Ratio Lower Upper
82 100
128 40.1 38.3 57.5
54 58.6 41.4 62.2



#11
2-Methylnaphthalene-d10
Concen: 0.243 ng
RT: 12.228 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037837.D
Acq: 20 Sep 2025 05:37

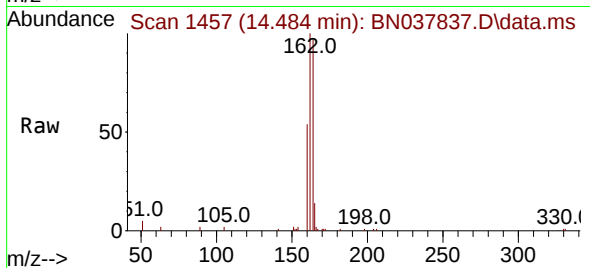
Tgt Ion: 152 Resp: 4916
Ion Ratio Lower Upper
152 100
151 22.0 17.0 25.6



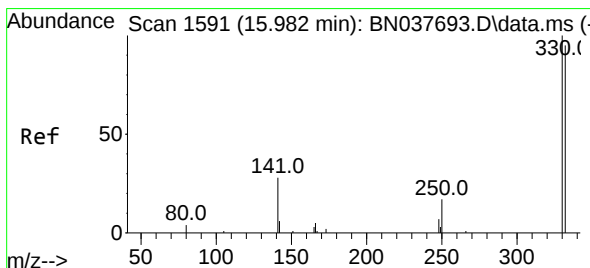
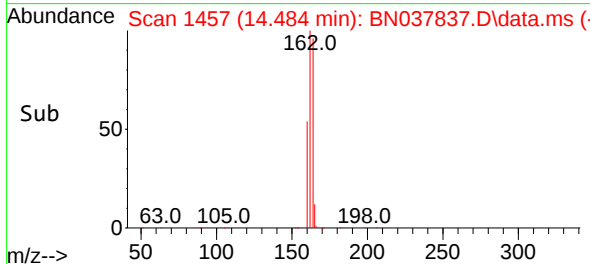
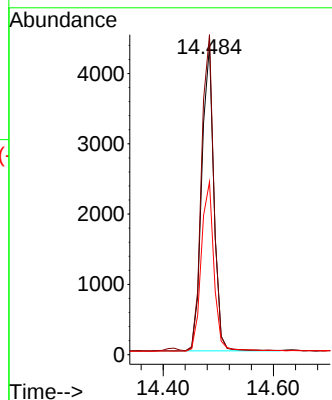


#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.484 min Scan# 1457
 Delta R.T. -0.011 min
 Lab File: BN037837.D
 Acq: 20 Sep 2025 05:37

Instrument :
 BNA_N
 ClientSampleId :

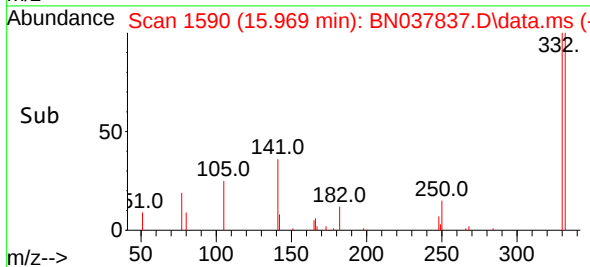
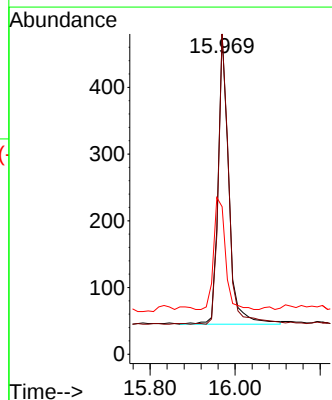
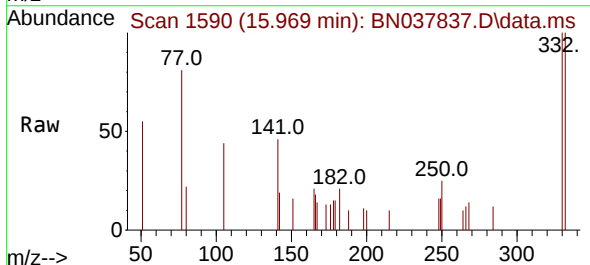


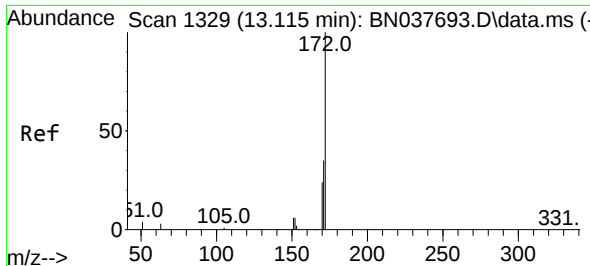
Tgt Ion:164 Resp: 6642
 Ion Ratio Lower Upper
 164 100
 162 103.6 83.1 124.7
 160 55.9 44.3 66.5



#14
 2,4,6-Tribromophenol
 Concen: 0.439 ng
 RT: 15.969 min Scan# 1590
 Delta R.T. -0.013 min
 Lab File: BN037837.D
 Acq: 20 Sep 2025 05:37

Tgt Ion:330 Resp: 760
 Ion Ratio Lower Upper
 330 100
 332 97.5 75.3 112.9
 141 43.7 35.0 52.4

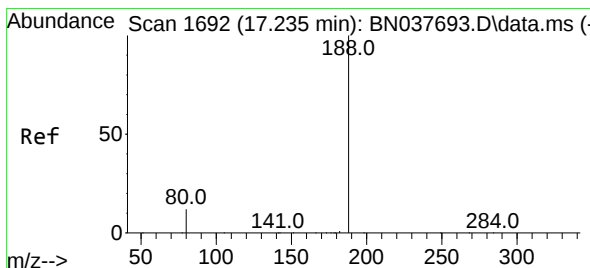
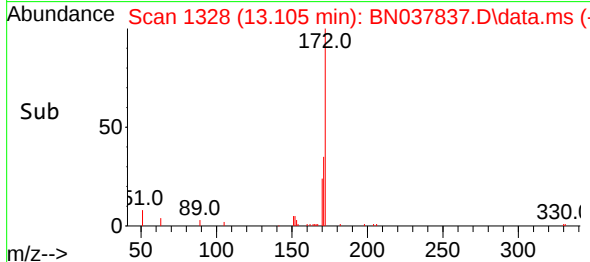
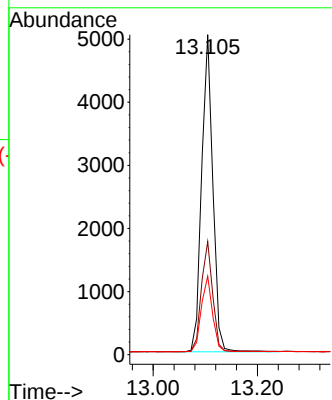
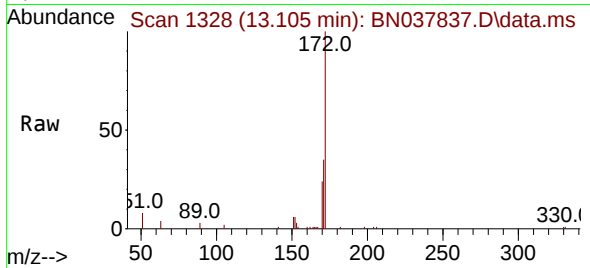




#15
2-Fluorobiphenyl
Concen: 0.270 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037837.D
Acq: 20 Sep 2025 05:37

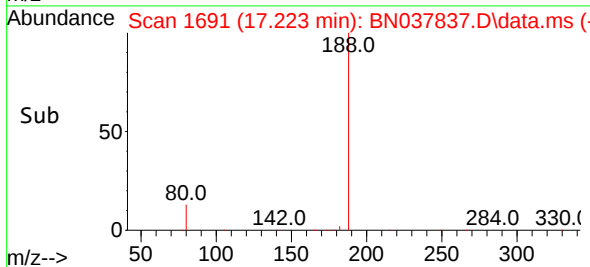
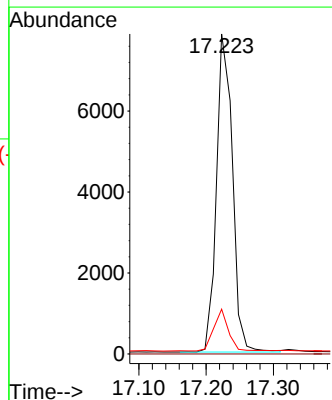
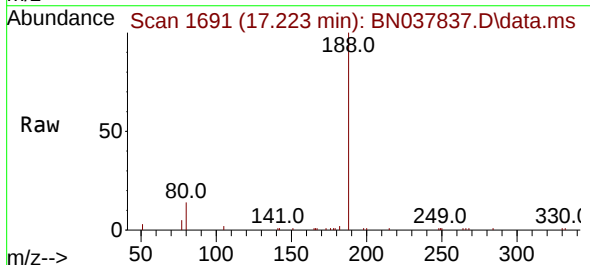
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BNA_N
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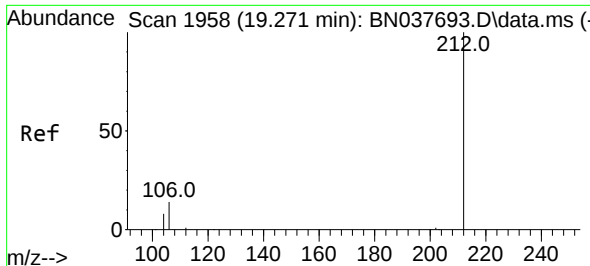
Tgt Ion:172 Resp: 7511
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 24.5 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN037837.D
Acq: 20 Sep 2025 05:37

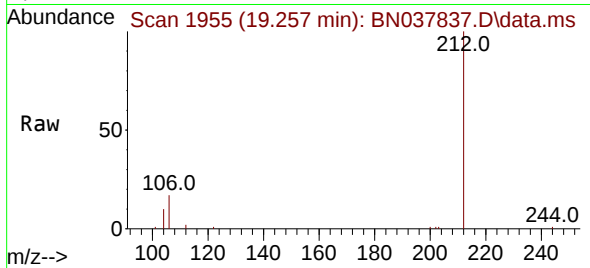
Tgt Ion:188 Resp: 12889
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 10.6 15.8



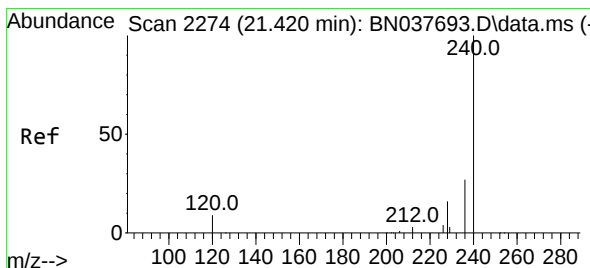
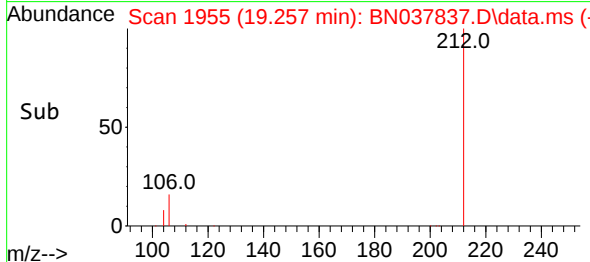
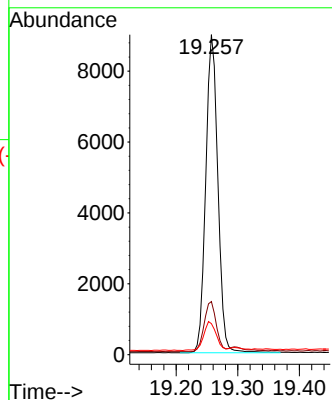


#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.257 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BN037837.D
Acq: 20 Sep 2025 05:37

Instrument :
BNA_N
ClientSampleId :

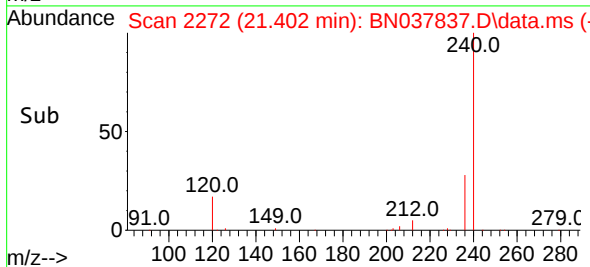
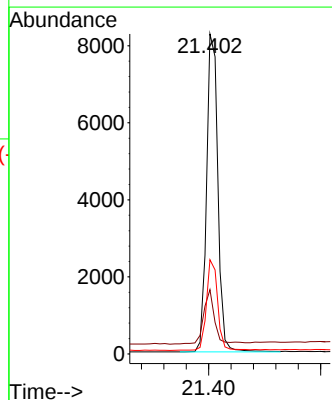
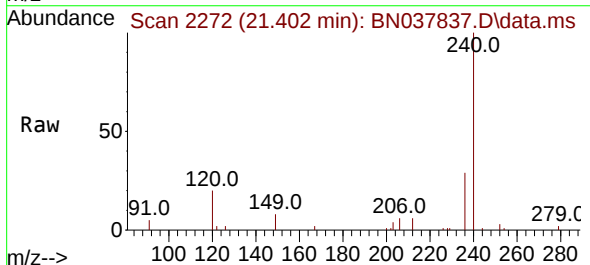


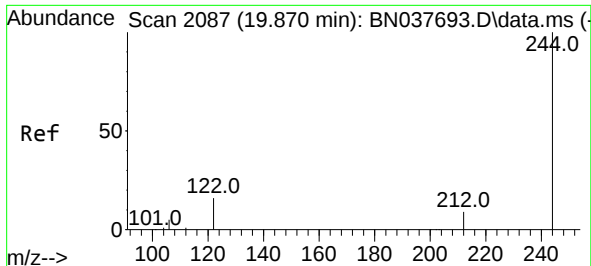
Tgt Ion:212 Resp: 12217
Ion Ratio Lower Upper
212 100
106 15.9 12.2 18.2
104 9.4 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.018 min
Lab File: BN037837.D
Acq: 20 Sep 2025 05:37

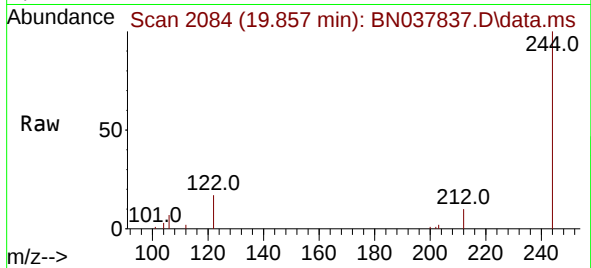
Tgt Ion:240 Resp: 11537
Ion Ratio Lower Upper
240 100
120 20.1 9.2 13.8#
236 29.5 22.6 33.8



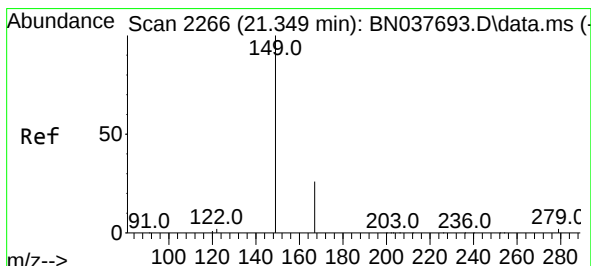
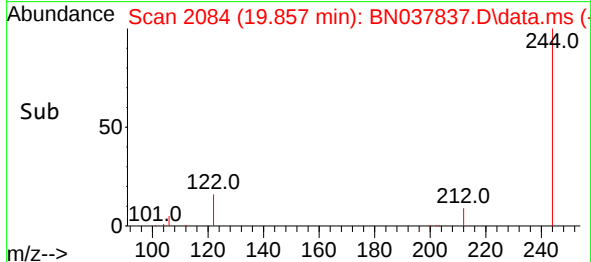
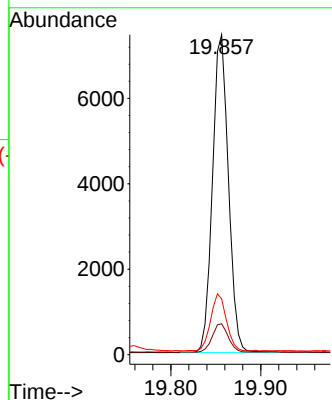


#31
 Terphenyl-d14
 Concen: 0.390 ng
 RT: 19.857 min Scan# 2084
 Delta R.T. -0.014 min
 Lab File: BN037837.D
 Acq: 20 Sep 2025 05:37

Instrument :
 BNA_N
 ClientSampleId :

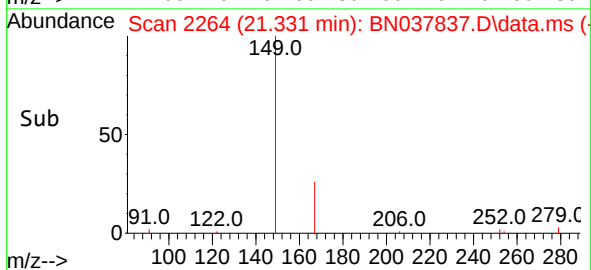
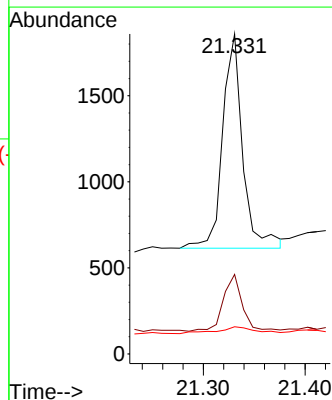
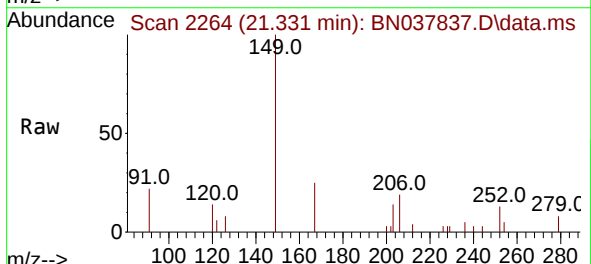


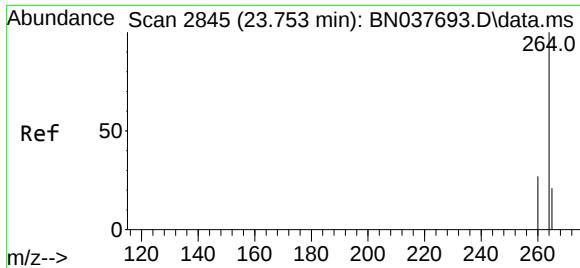
Tgt Ion:244 Resp: 9144
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.5 11.3
 122 17.4 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.143 ng
 RT: 21.331 min Scan# 2264
 Delta R.T. -0.018 min
 Lab File: BN037837.D
 Acq: 20 Sep 2025 05:37

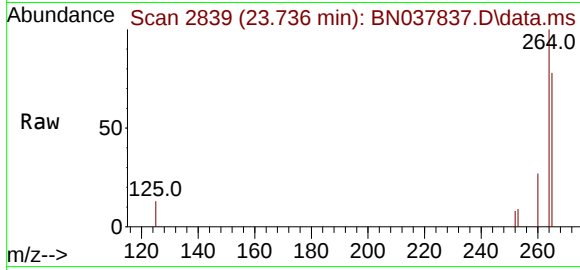
Tgt Ion:149 Resp: 1707
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.8 31.2
 279 6.0 3.3 4.9#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.736 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN037837.D
Acq: 20 Sep 2025 05:37

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	264	Resp:	10995
Ion Ratio	Lower	Upper	
264	100		
260	27.0	21.8	32.8
265	78.1	39.4	59.2#

