

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037840.D
 Acq On : 20 Sep 2025 07:26
 Operator : RC/JU
 Sample : Q3127-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 22 00:36:19 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)

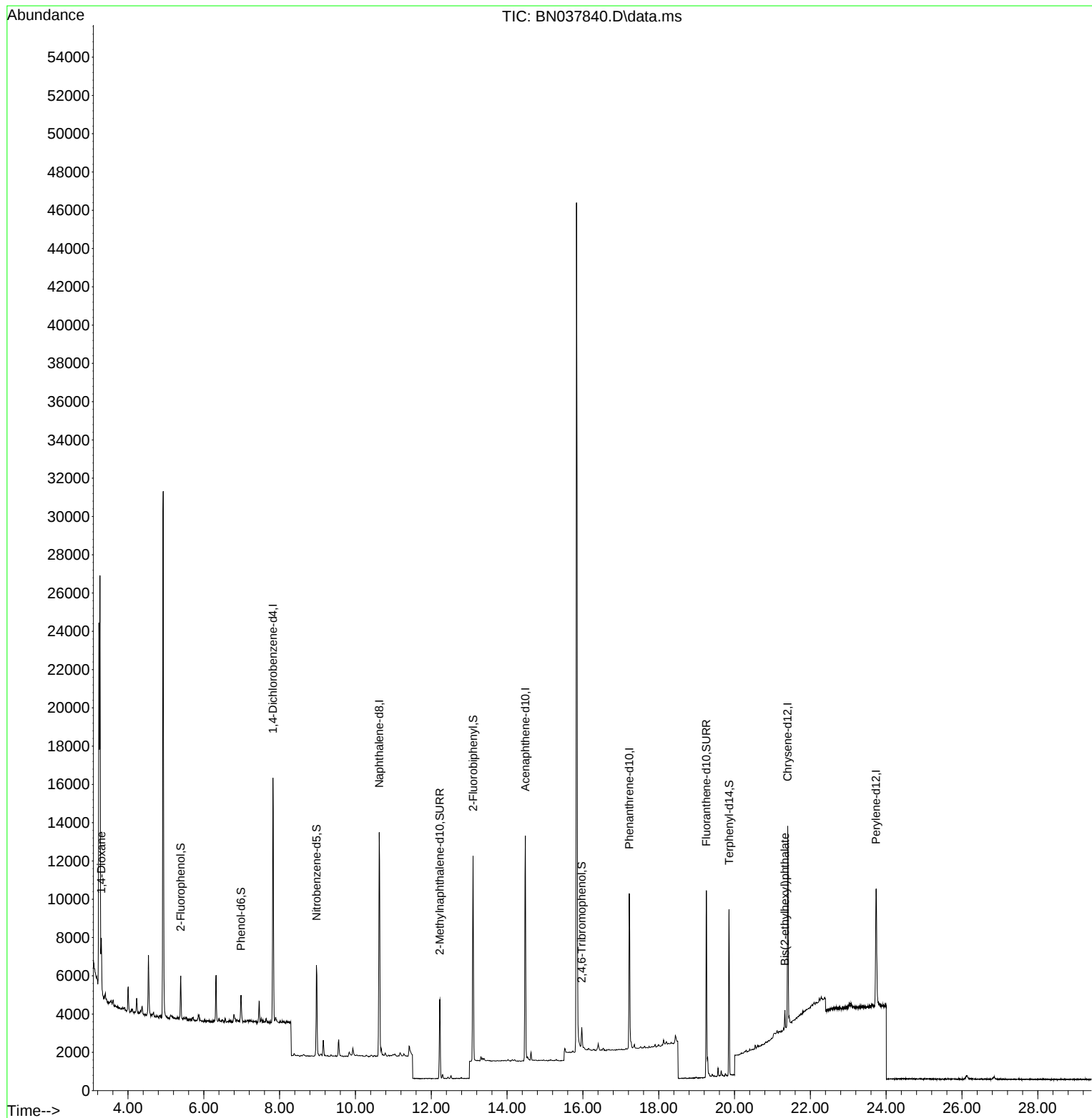
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	6083	0.400	ng	-0.01
7) Naphthalene-d8	10.626	136	16094	0.400	ng	-0.02
13) Acenaphthene-d10	14.484	164	6777	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	11688	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	9654	0.400	ng	#-0.02
35) Perylene-d12	23.736	264	8997	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1761	0.126	ng	0.00
5) Phenol-d6	6.980	99	1293	0.071	ng	0.00
8) Nitrobenzene-d5	8.971	82	3819	0.324	ng	-0.02
11) 2-Methylnaphthalene-d10	12.227	152	5700	0.267	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	705	0.399	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	9080	0.320	ng	-0.01
27) Fluoranthene-d10	19.257	212	10571	0.360	ng	-0.01
31) Terphenyl-d14	19.856	244	8106	0.414	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	1467	0.232	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.331	149	1058	0.106	ng	# 91

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

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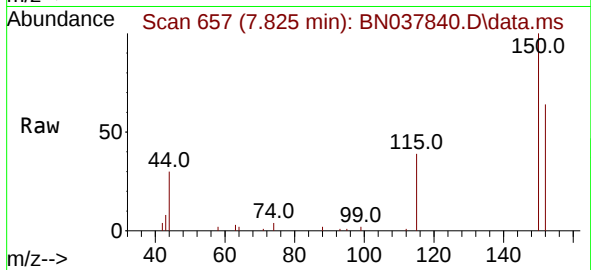
Quant Time: Sep 22 00:36:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



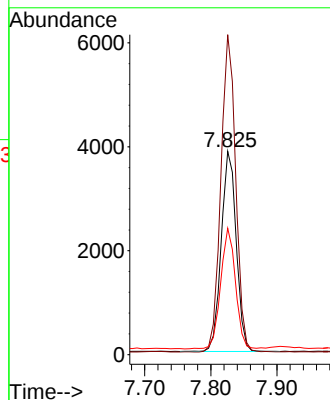
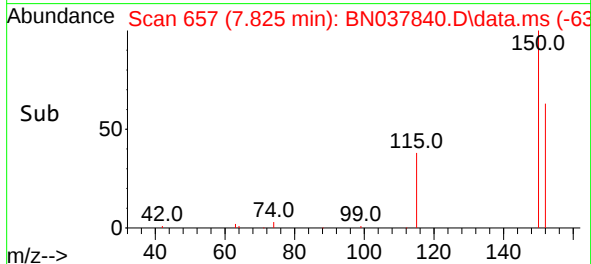


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN037840.D
 Acq: 20 Sep 2025 07:26

Instrument :
 BNA_N
 ClientSampleId :

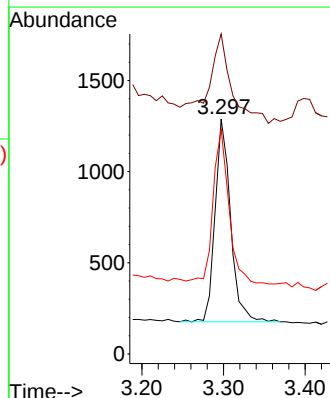
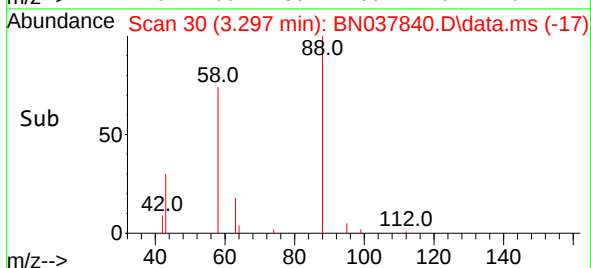
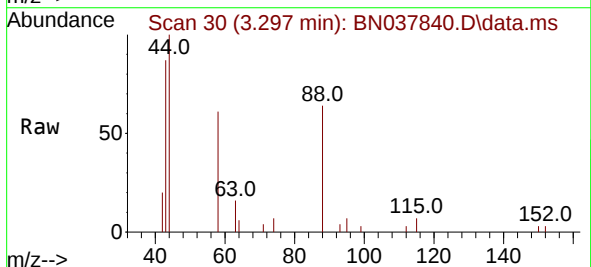


Tgt Ion:152 Resp: 6083
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.5 186.7
 115 62.1 49.2 73.8



#2
 1,4-Dioxane
 Concen: 0.232 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037840.D
 Acq: 20 Sep 2025 07:26

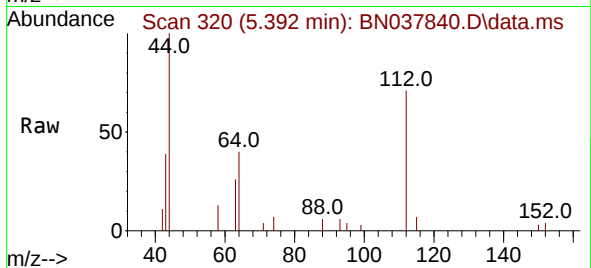
Tgt Ion: 88 Resp: 1467
 Ion Ratio Lower Upper
 88 100
 43 57.4 26.8 40.2#
 58 78.6 61.9 92.9



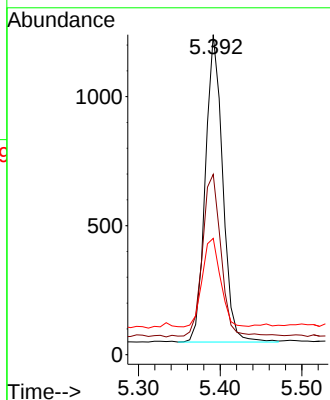
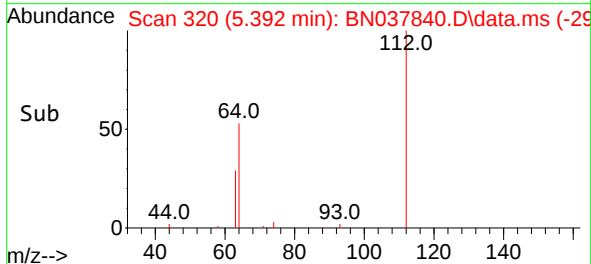


#4
2-Fluorophenol
Concen: 0.126 ng
RT: 5.392 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037840.D
Acq: 20 Sep 2025 07:26

Instrument :
BNA_N
ClientSampleId :

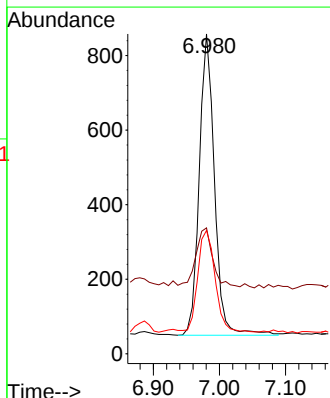
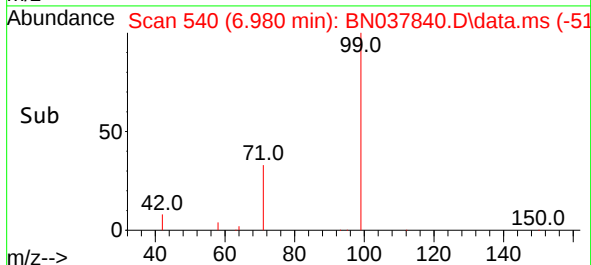
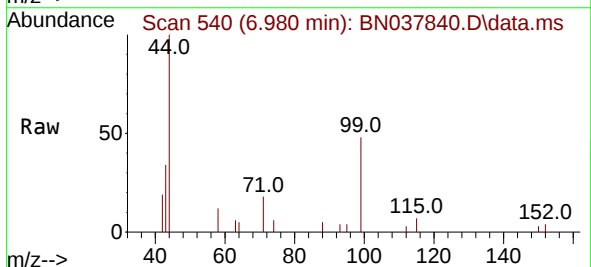


Tgt Ion:112 Resp: 1761
Ion Ratio Lower Upper
112 100
64 57.5 44.9 67.3
63 31.3 24.7 37.1



#5
Phenol-d6
Concen: 0.071 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037840.D
Acq: 20 Sep 2025 07:26

Tgt Ion: 99 Resp: 1293
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 39.2 26.7 40.1

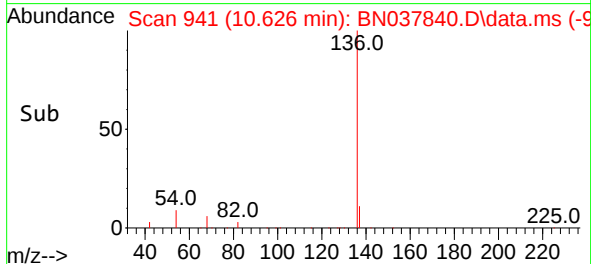
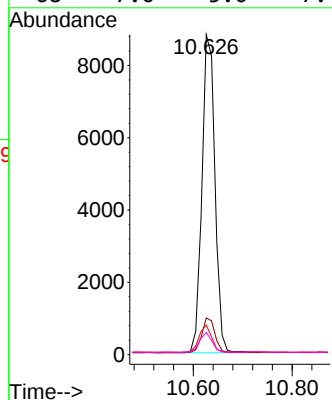
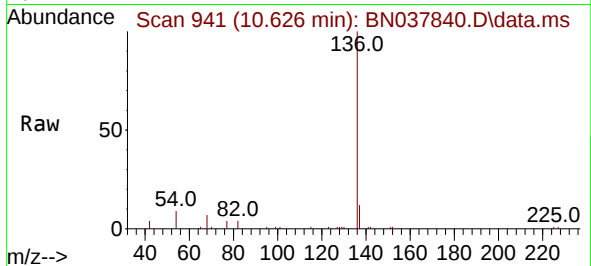




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.021 min
Lab File: BN037840.D
Acq: 20 Sep 2025 07:26

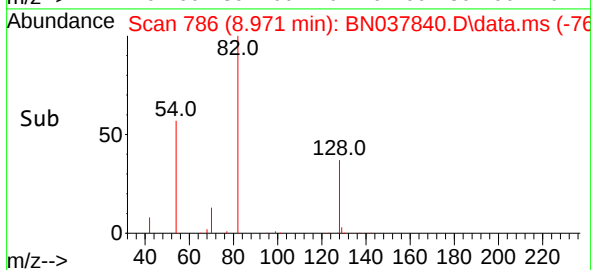
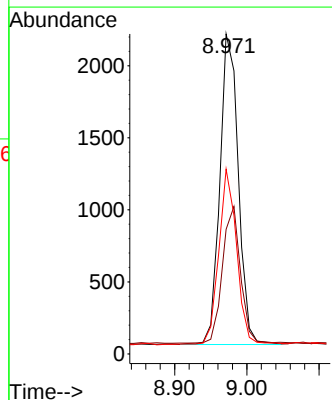
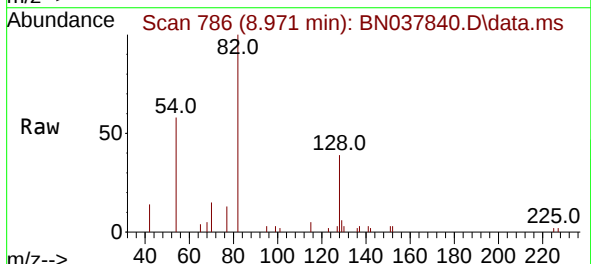
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	136	Resp:	16094
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.3	6.3	9.5
68	7.0	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.324 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.021 min
Lab File: BN037840.D
Acq: 20 Sep 2025 07:26

Tgt Ion:	82	Resp:	3819
Ion	Ratio	Lower	Upper
82	100		
128	38.9	38.3	57.5
54	57.8	41.4	62.2

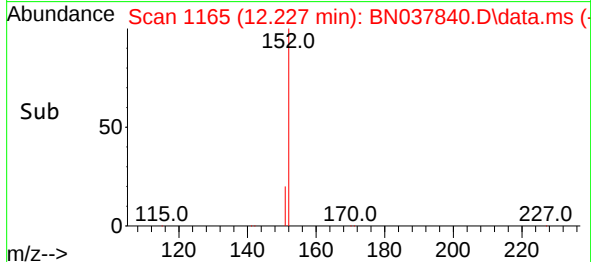
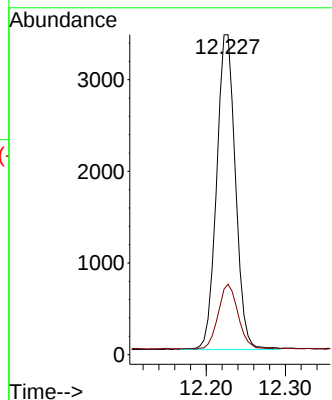
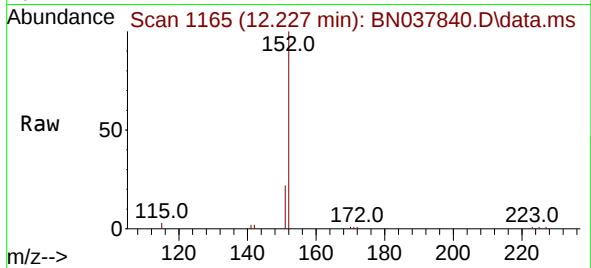




#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.227 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037840.D
Acq: 20 Sep 2025 07:26

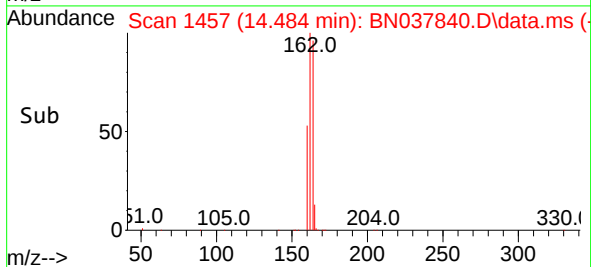
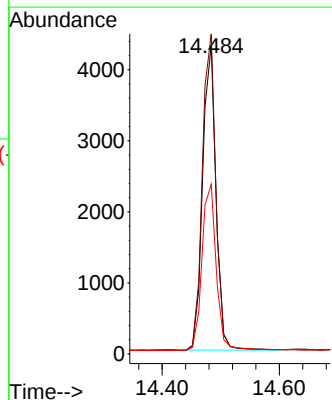
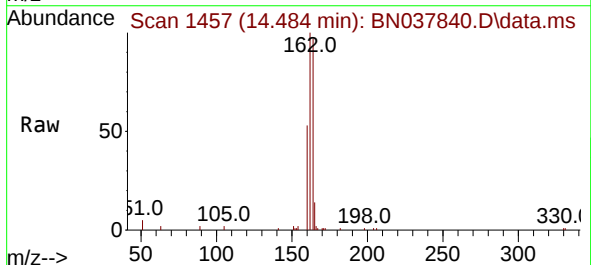
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5700
Ion Ratio Lower Upper
152 100
151 21.7 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: BN037840.D
Acq: 20 Sep 2025 07:26

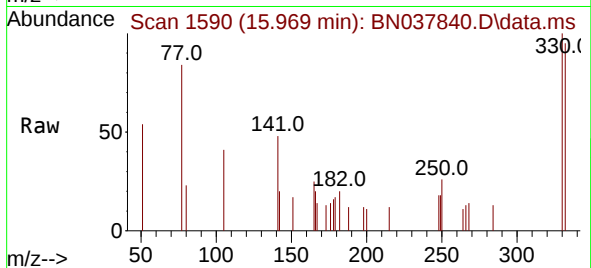
Tgt Ion:164 Resp: 6777
Ion Ratio Lower Upper
164 100
162 103.6 83.1 124.7
160 54.9 44.3 66.5



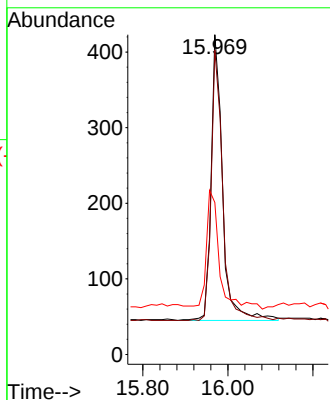
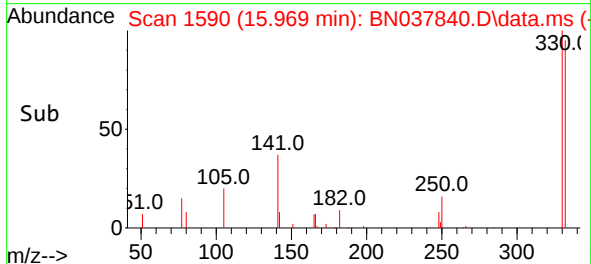


#14
2,4,6-Tribromophenol
Concen: 0.399 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037840.D
Acq: 20 Sep 2025 07:26

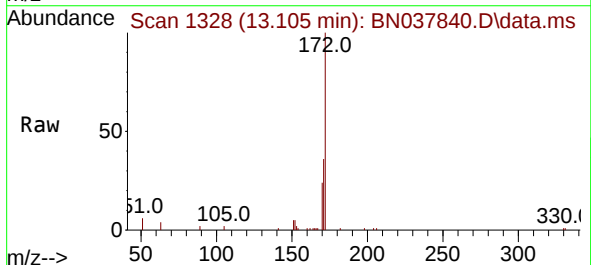
Instrument :
BNA_N
ClientSampleId :



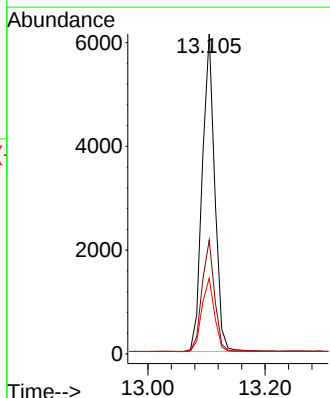
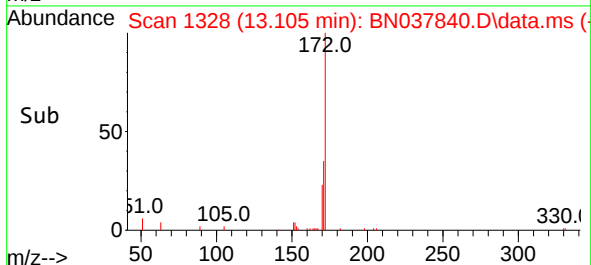
Tgt Ion:330 Resp: 705
Ion Ratio Lower Upper
330 100
332 94.2 75.3 112.9
141 47.2 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037840.D
Acq: 20 Sep 2025 07:26



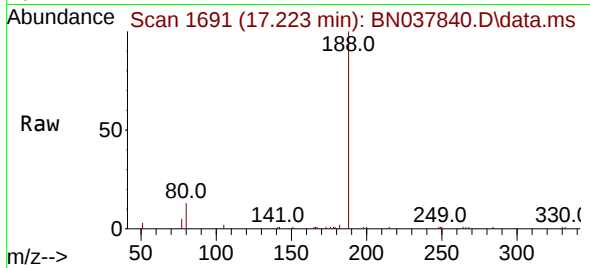
Tgt Ion:172 Resp: 9080
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.6 19.8 29.8



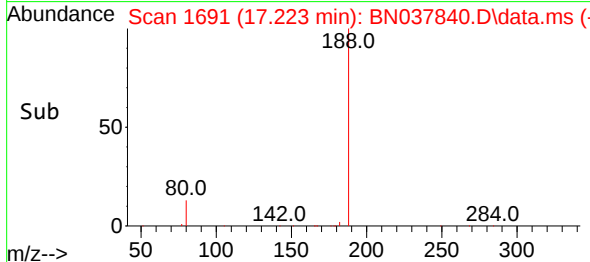
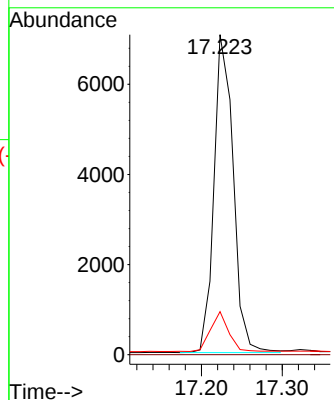


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.013 min
Lab File: BN037840.D
Acq: 20 Sep 2025 07:26

Instrument :
BNA_N
ClientSampleId :

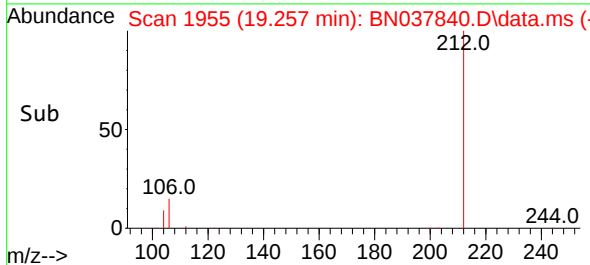
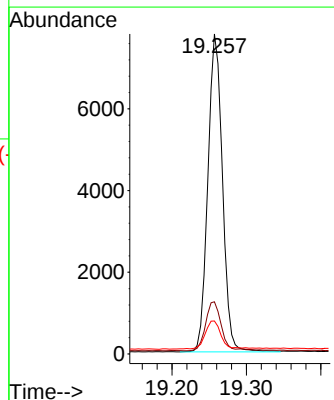
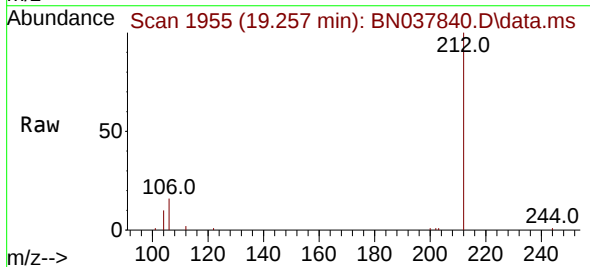


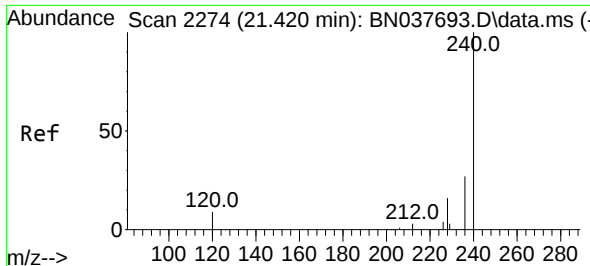
Tgt Ion:188 Resp: 11688
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 10.6 15.8



#27
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.257 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BN037840.D
Acq: 20 Sep 2025 07:26

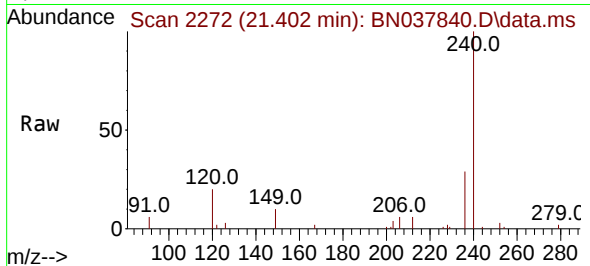
Tgt Ion:212 Resp: 10571
Ion Ratio Lower Upper
212 100
106 17.0 12.2 18.2
104 9.7 6.9 10.3



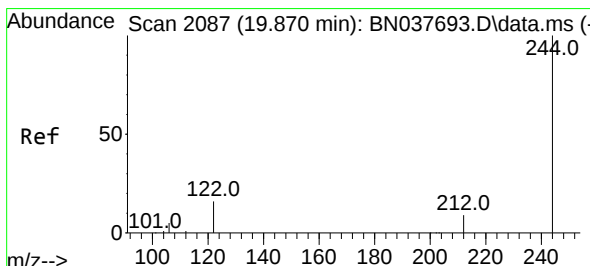
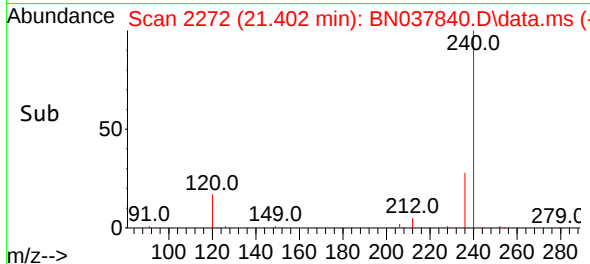
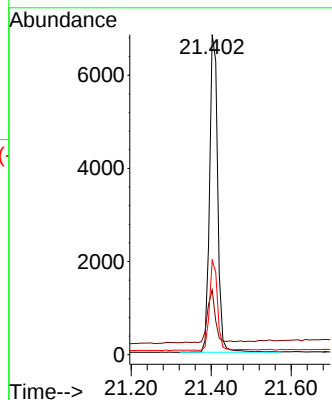


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN037840.D
Acq: 20 Sep 2025 07:26

Instrument :
BNA_N
ClientSampleId :

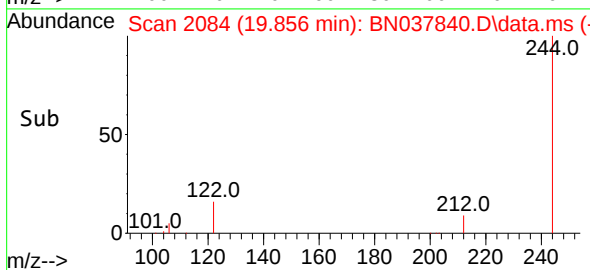
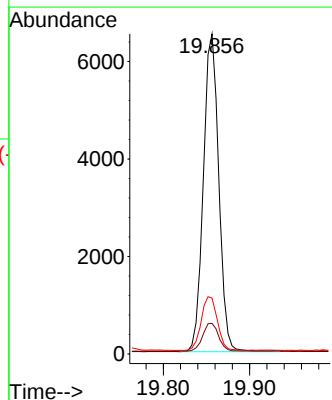
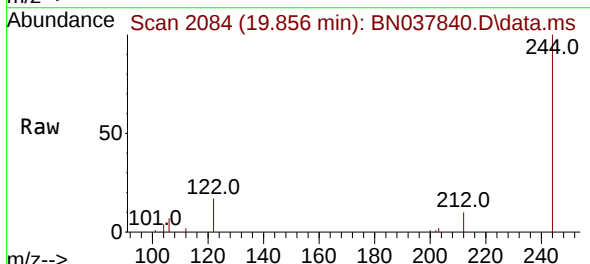


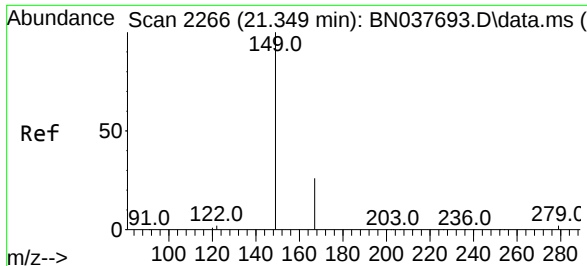
Tgt Ion:240 Resp: 9654
Ion Ratio Lower Upper
240 100
120 20.2 9.2 13.8#
236 29.4 22.6 33.8



#31
Terphenyl-d14
Concen: 0.414 ng
RT: 19.856 min Scan# 2084
Delta R.T. -0.014 min
Lab File: BN037840.D
Acq: 20 Sep 2025 07:26

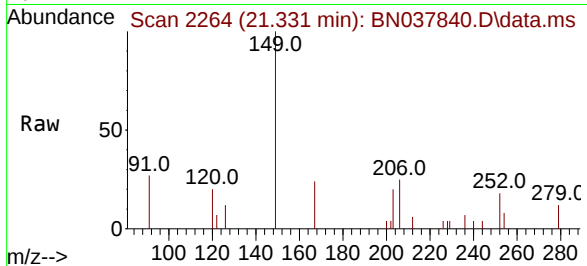
Tgt Ion:244 Resp: 8106
Ion Ratio Lower Upper
244 100
212 9.5 7.5 11.3
122 17.5 13.2 19.8



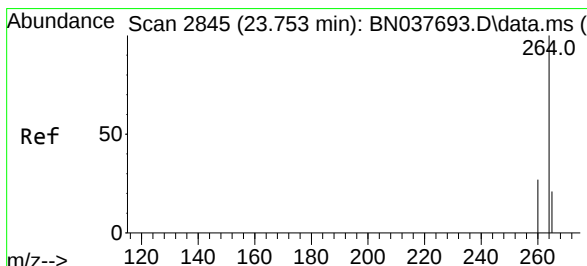
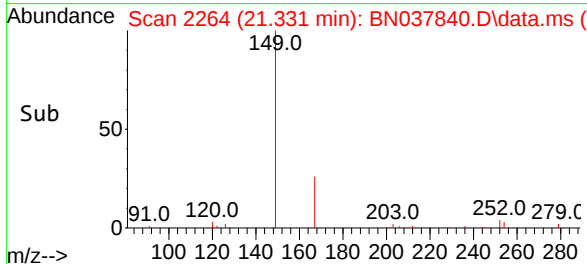
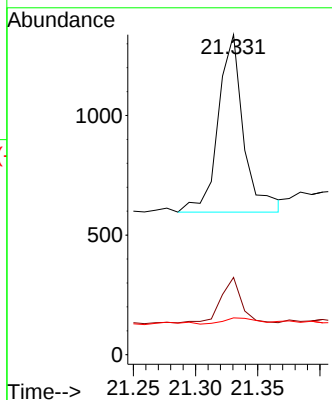


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.106 ng
 RT: 21.331 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN037840.D
 Acq: 20 Sep 2025 07:26

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:149 Resp: 1058
 Ion Ratio Lower Upper
 149 100
 167 20.5 20.8 31.2#
 279 4.3 3.3 4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.736 min Scan# 2839
 Delta R.T. -0.018 min
 Lab File: BN037840.D
 Acq: 20 Sep 2025 07:26

Tgt Ion:264 Resp: 8997
 Ion Ratio Lower Upper
 264 100
 260 27.7 21.8 32.8
 265 87.4 39.4 59.2#

