

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060225\
 Data File : BN037141.D
 Acq On : 02 Jun 2025 21:47
 Operator : RC/JU
 Sample : PB168100BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 03 02:59:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 03 02:42:35 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

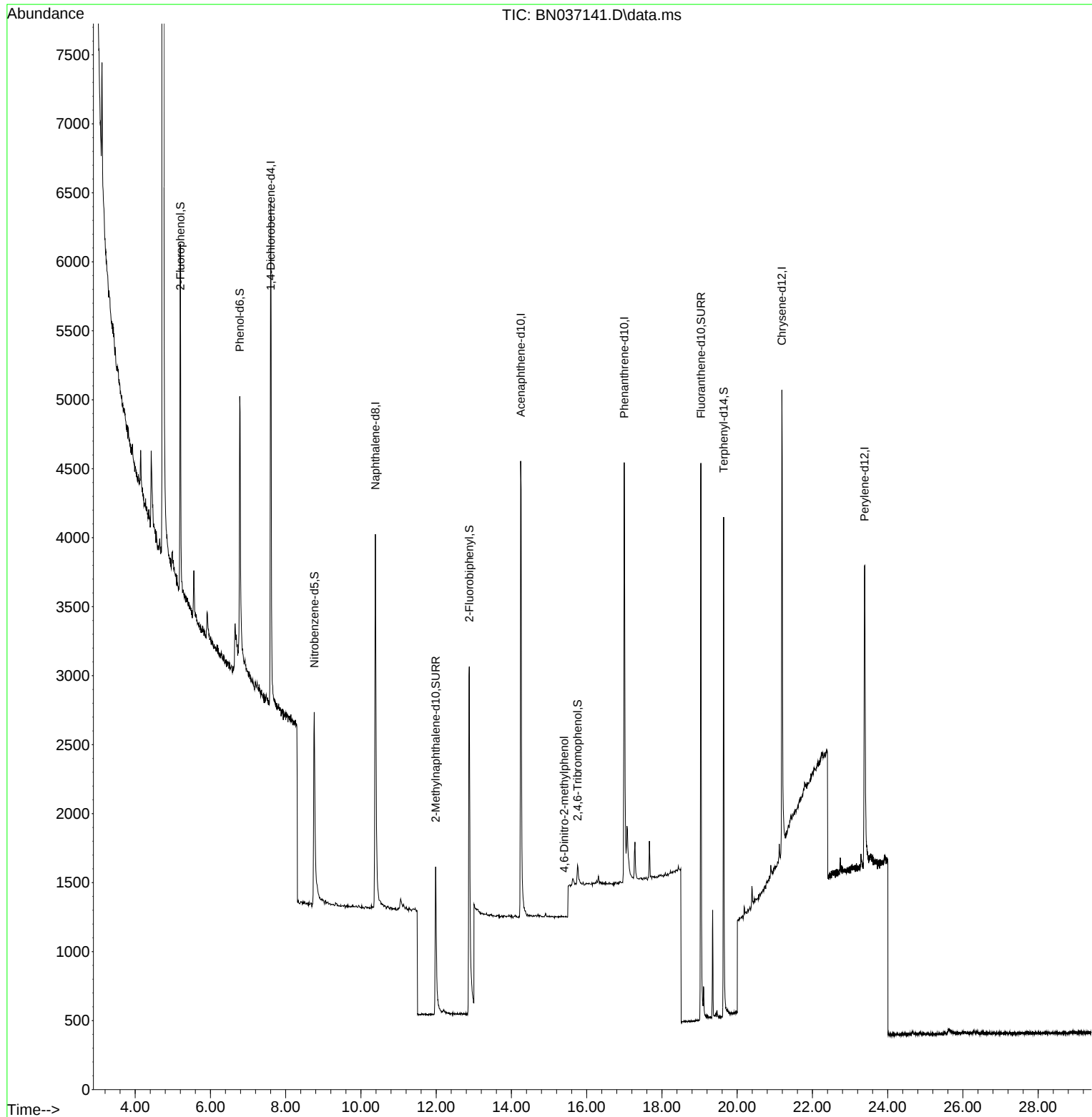
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	1873	0.400	ng	0.00
7) Naphthalene-d8	10.383	136	4484	0.400	ng	0.00
13) Acenaphthene-d10	14.245	164	2402	0.400	ng	0.00
19) Phenanthrene-d10	16.996	188	5187	0.400	ng	# 0.00
29) Chrysene-d12	21.189	240	3784	0.400	ng	# 0.00
35) Perylene-d12	23.386	264	3351	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.199	112	1693	0.363	ng	0.00
5) Phenol-d6	6.780	99	2012	0.346	ng	0.00
8) Nitrobenzene-d5	8.760	82	1742	0.365	ng	0.01
11) 2-Methylnaphthalene-d10	11.986	152	2216	0.346	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	115	0.102	ng	0.01
15) 2-Fluorobiphenyl	12.878	172	3836	0.385	ng	0.01
27) Fluoranthene-d10	19.035	212	5287	0.377	ng	0.00
31) Terphenyl-d14	19.639	244	3694	0.415	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.400	198	3	0.173	ng	# 1

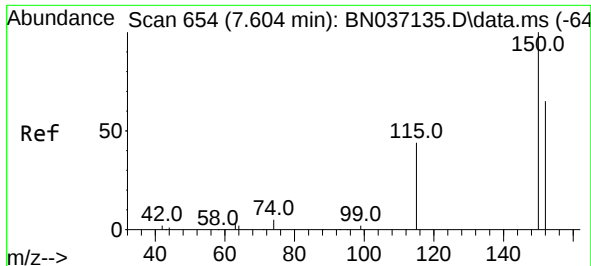
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060225\
Data File : BN037141.D
Acq On : 02 Jun 2025 21:47
Operator : RC/JU
Sample : PB168100BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

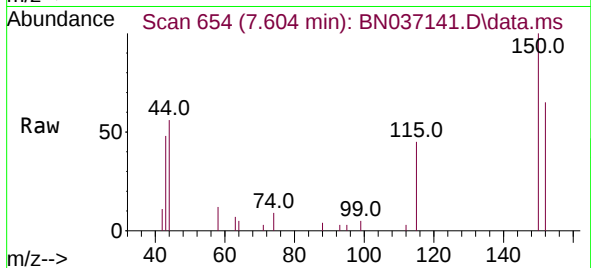
Quant Time: Jun 03 02:59:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 03 02:42:35 2025
Response via : Initial Calibration



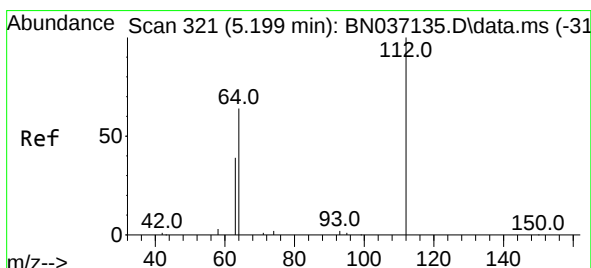
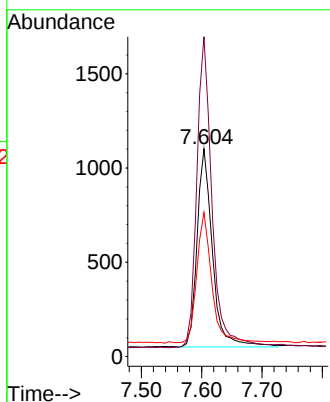
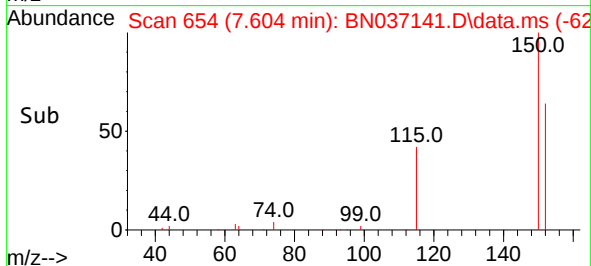


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.604 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN037141.D
Acq: 02 Jun 2025 21:47

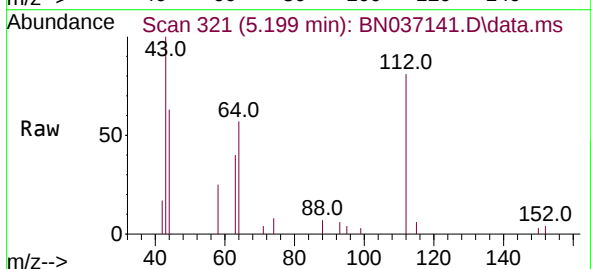
Instrument :
BNA_N
ClientSampleId :



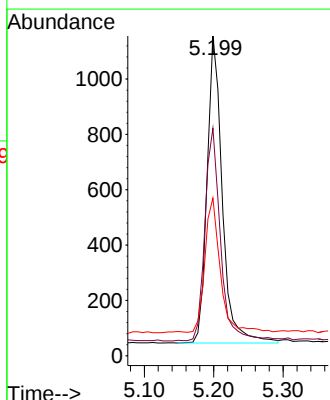
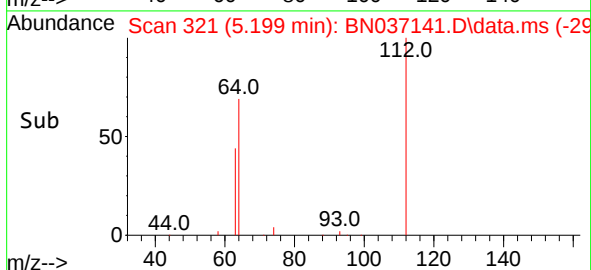
Tgt Ion:152 Resp: 1873
Ion Ratio Lower Upper
152 100
150 154.0 120.6 180.8
115 69.3 56.6 85.0

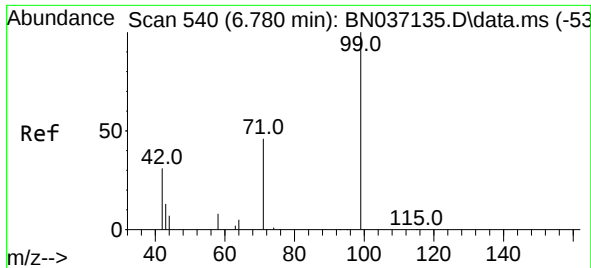


#4
2-Fluorophenol
Concen: 0.363 ng
RT: 5.199 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN037141.D
Acq: 02 Jun 2025 21:47



Tgt Ion:112 Resp: 1693
Ion Ratio Lower Upper
112 100
64 71.8 56.0 84.0
63 43.8 37.0 55.4

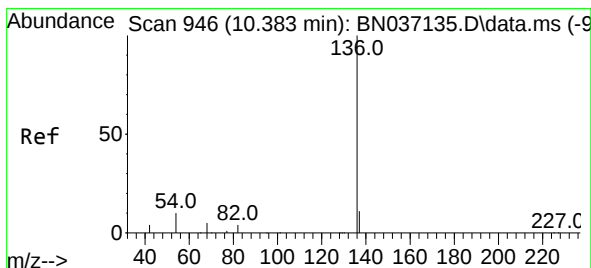
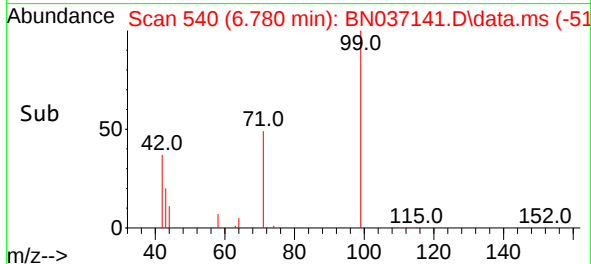
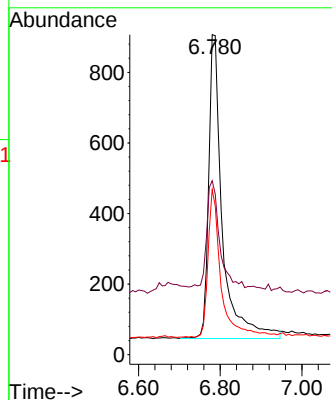
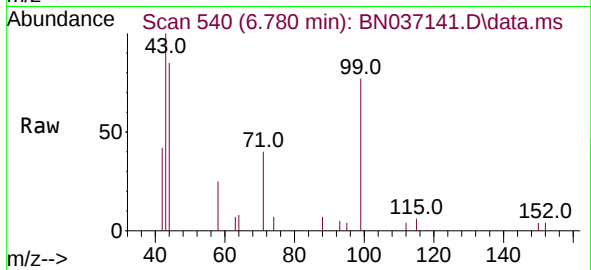




#5
Phenol-d6
Concen: 0.346 ng
RT: 6.780 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN037141.D
Acq: 02 Jun 2025 21:47

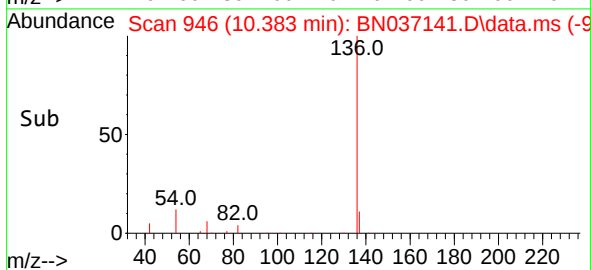
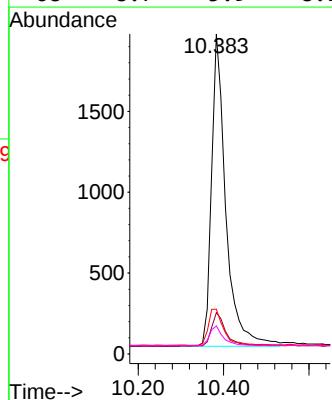
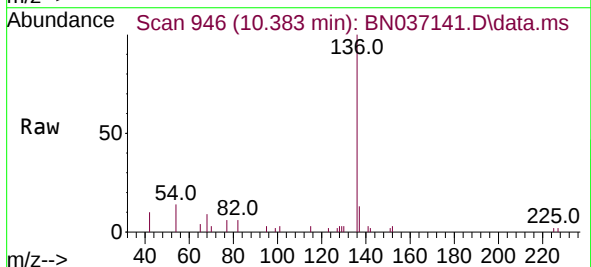
Instrument :
BNA_N
ClientSampleId :

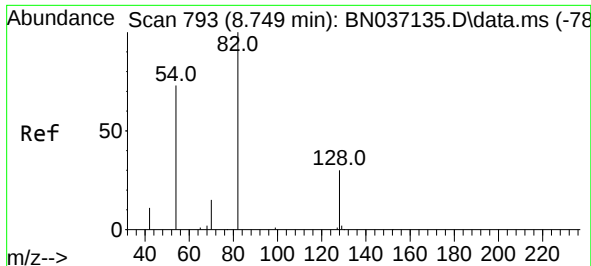
Tgt Ion:	99	Resp:	2012
Ion	Ratio	Lower	Upper
99	100		
42	32.5	30.5	45.7
71	46.6	39.1	58.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.383 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN037141.D
Acq: 02 Jun 2025 21:47

Tgt Ion:	136	Resp:	4484
Ion	Ratio	Lower	Upper
136	100		
137	12.9	10.3	15.5
54	14.0	9.9	14.9
68	8.7	5.9	8.9

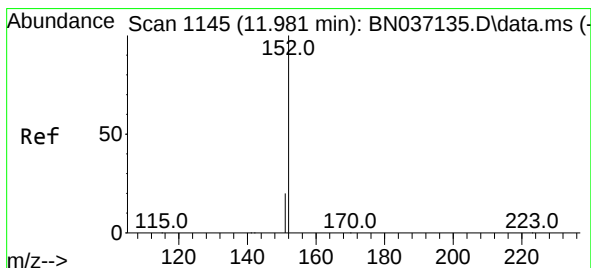
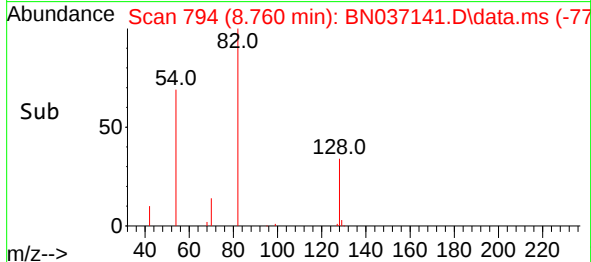
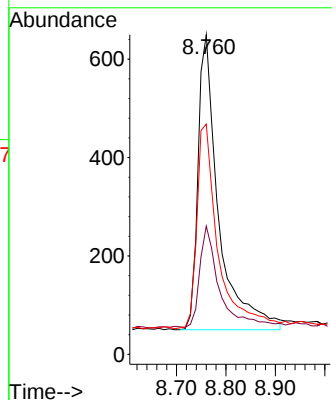
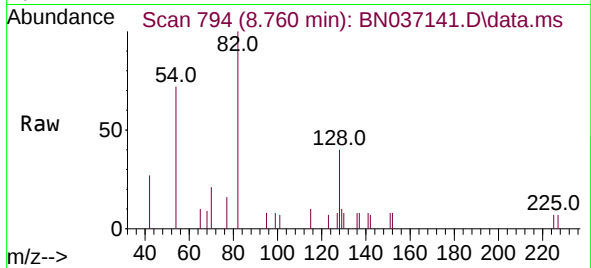




#8
Nitrobenzene-d5
Concen: 0.365 ng
RT: 8.760 min Scan# 793
Delta R.T. 0.011 min
Lab File: BN037141.D
Acq: 02 Jun 2025 21:47

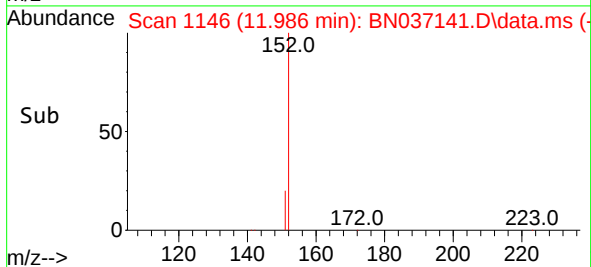
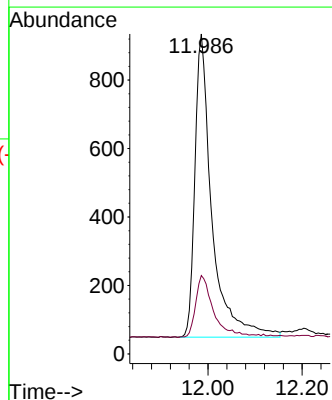
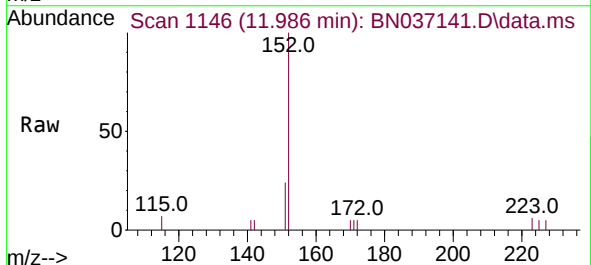
Instrument :
BNA_N
ClientSampleId :

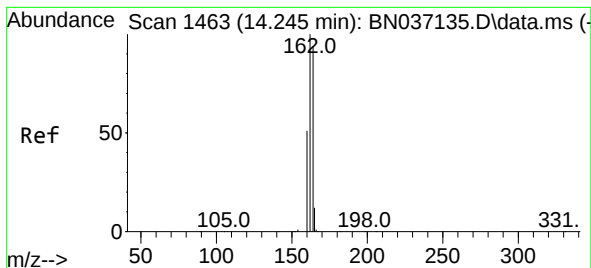
Tgt Ion: 82 Resp: 1742
Ion Ratio Lower Upper
82 100
128 40.2 28.2 42.2
54 72.0 60.2 90.2



#11
2-Methylnaphthalene-d10
Concen: 0.346 ng
RT: 11.986 min Scan# 1146
Delta R.T. 0.005 min
Lab File: BN037141.D
Acq: 02 Jun 2025 21:47

Tgt Ion:152 Resp: 2216
Ion Ratio Lower Upper
152 100
151 21.6 17.8 26.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.245 min Scan# 14

Delta R.T. 0.000 min

Lab File: BN037141.D

Acq: 02 Jun 2025 21:47

Instrument :

BNA_N

ClientSampleId :

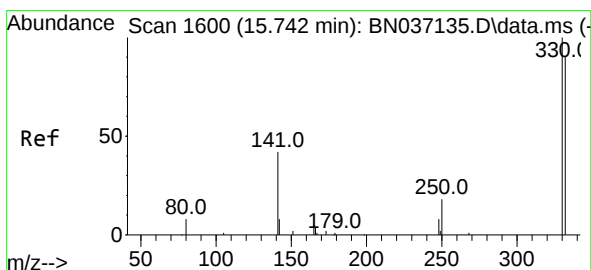
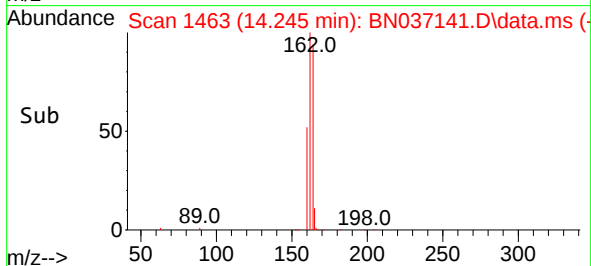
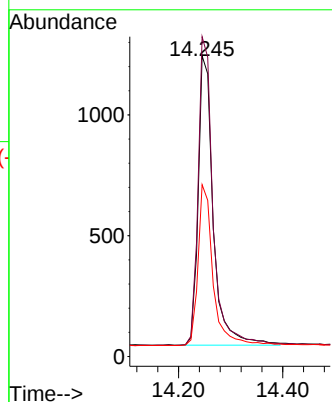
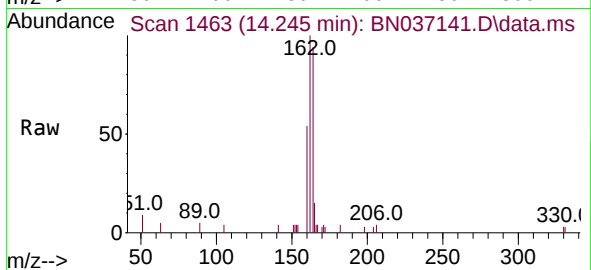
Tgt Ion:164 Resp: 2402

Ion Ratio Lower Upper

164 100

162 106.4 85.1 127.7

160 57.2 44.2 66.4



#14

2,4,6-Tribromophenol

Concen: 0.102 ng

RT: 15.755 min Scan# 1601

Delta R.T. 0.013 min

Lab File: BN037141.D

Acq: 02 Jun 2025 21:47

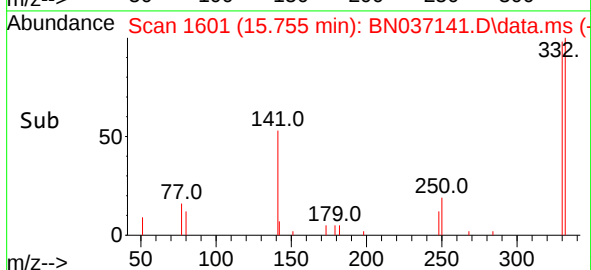
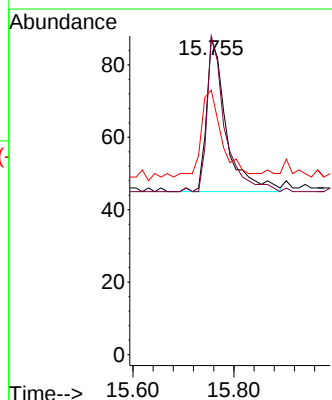
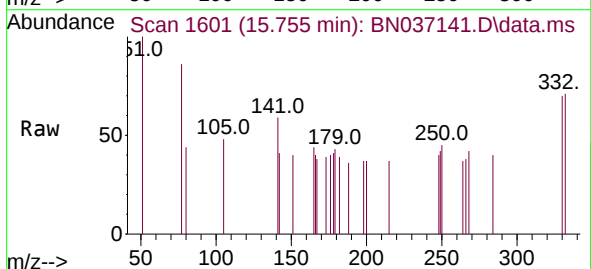
Tgt Ion:330 Resp: 115

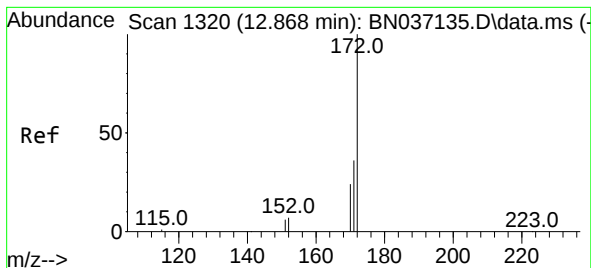
Ion Ratio Lower Upper

330 100

332 92.2 76.6 115.0

141 65.2 47.3 70.9

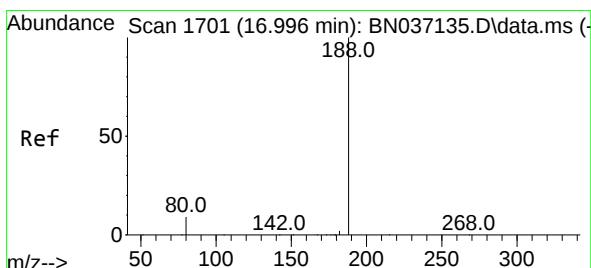
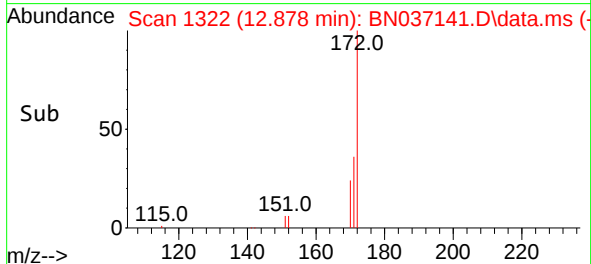
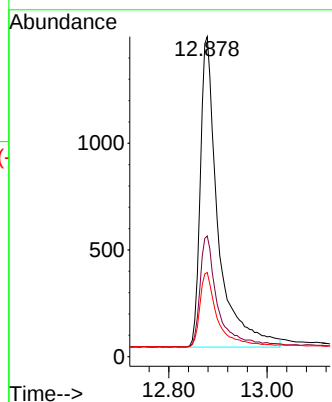
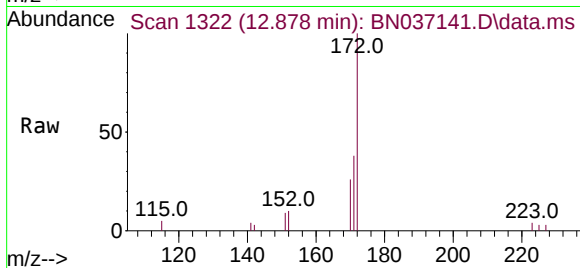




#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.878 min Scan# 1322
Delta R.T. 0.010 min
Lab File: BN037141.D
Acq: 02 Jun 2025 21:47

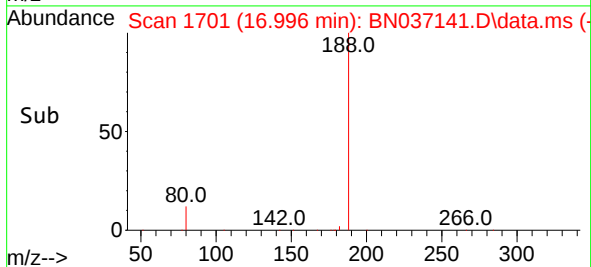
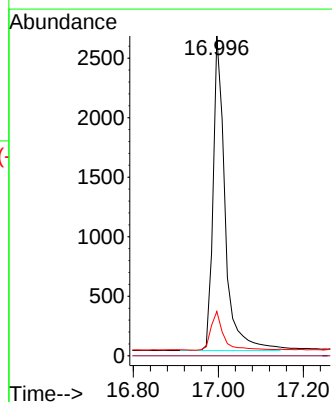
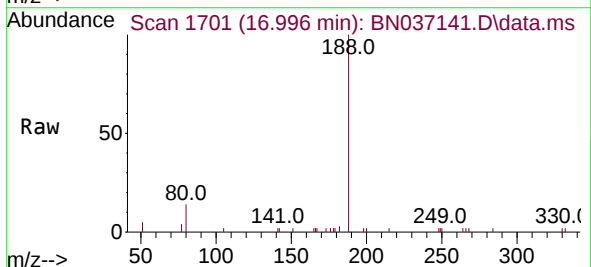
Instrument :
BNA_N
ClientSampleId :

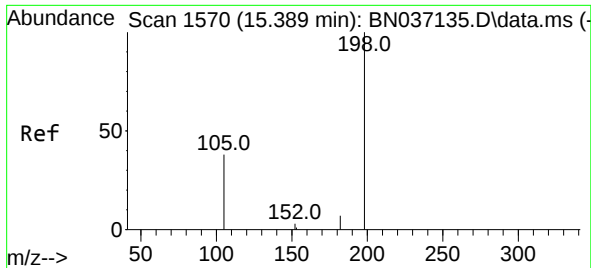
Tgt Ion:172 Resp: 3836
Ion Ratio Lower Upper
172 100
171 37.7 29.9 44.9
170 26.3 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.996 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BN037141.D
Acq: 02 Jun 2025 21:47

Tgt Ion:188 Resp: 5187
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 8.4 12.6

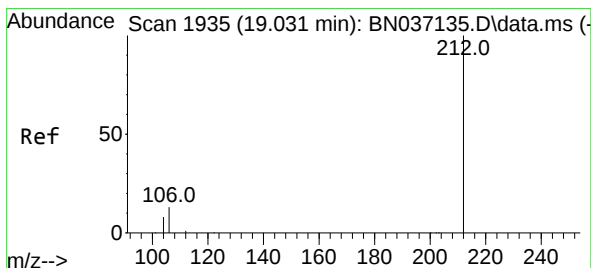
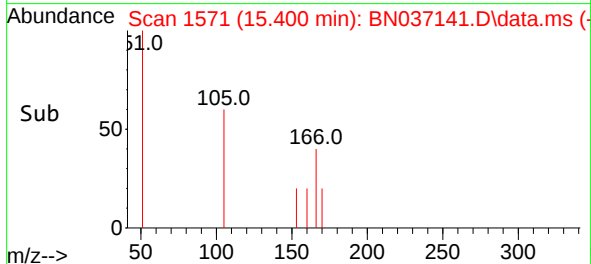
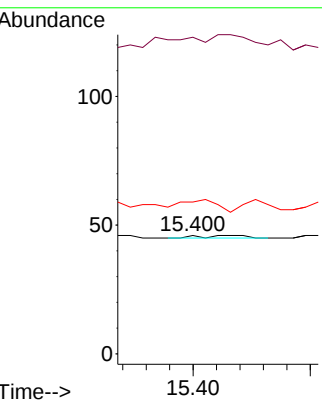
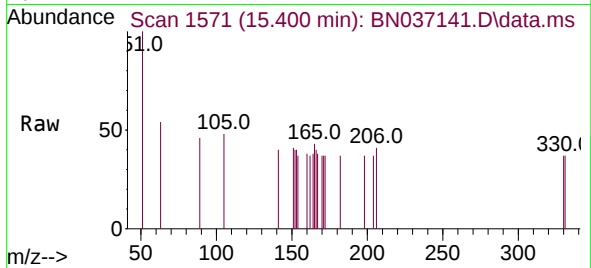




#20
4,6-Dinitro-2-methylphenol
Concen: 0.173 ng
RT: 15.400 min Scan# 1570
Delta R.T. 0.011 min
Lab File: BN037141.D
Acq: 02 Jun 2025 21:47

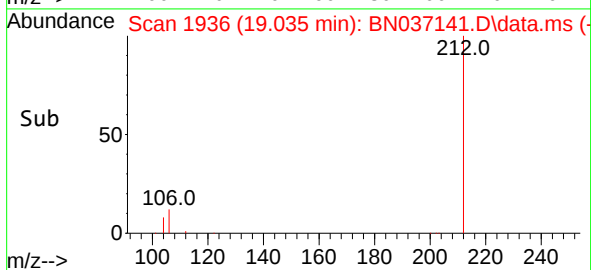
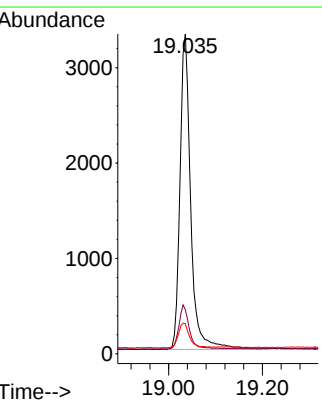
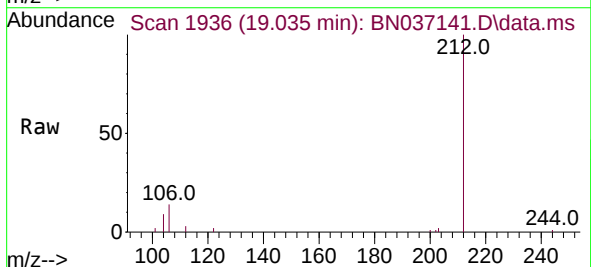
Instrument :
BNA_N
ClientSampleId :

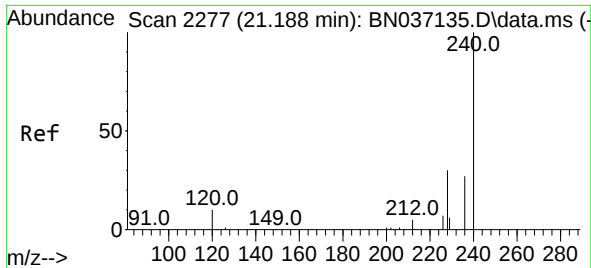
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 267.4 109.0 163.6#
105 128.3 43.0 64.4#



#27
Fluoranthene-d10
Concen: 0.377 ng
RT: 19.035 min Scan# 1936
Delta R.T. 0.005 min
Lab File: BN037141.D
Acq: 02 Jun 2025 21:47

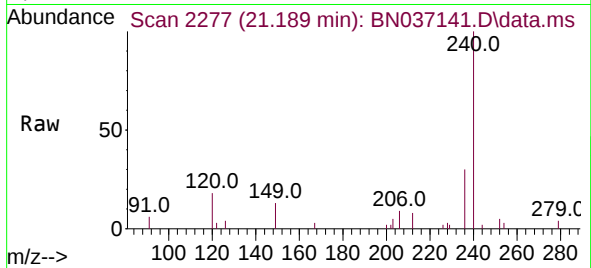
Tgt Ion:212 Resp: 5287
Ion Ratio Lower Upper
212 100
106 13.2 10.8 16.2
104 8.2 6.8 10.2



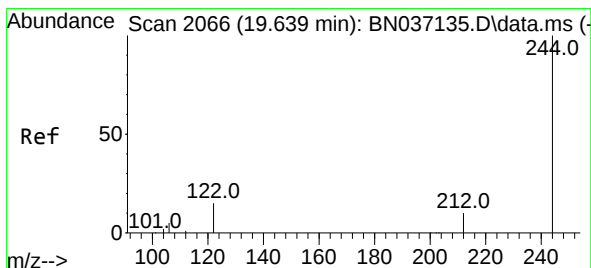
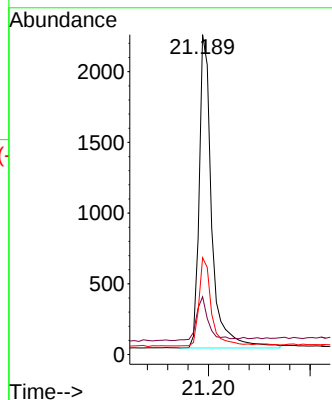
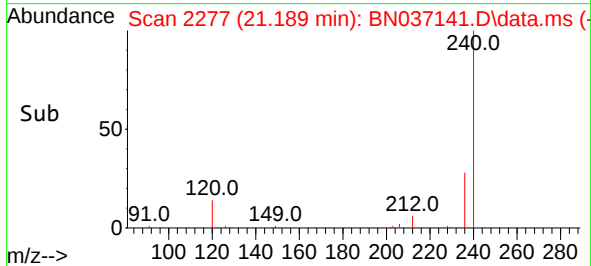


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037141.D
Acq: 02 Jun 2025 21:47

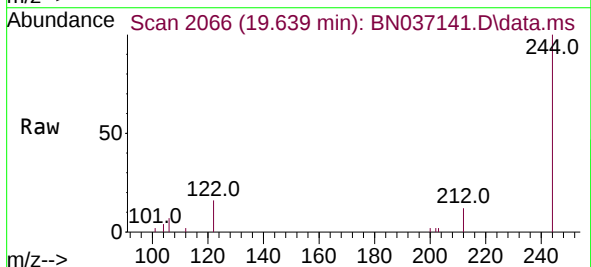
Instrument :
BNA_N
ClientSampleId :



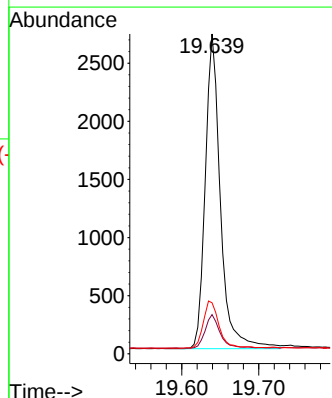
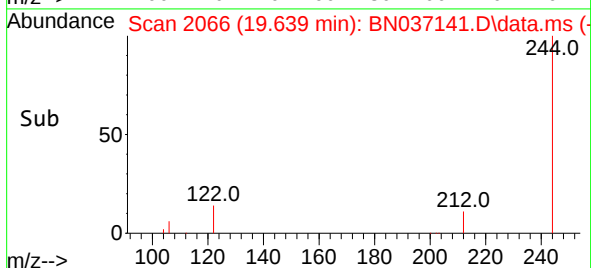
Tgt Ion:240 Resp: 3784
Ion Ratio Lower Upper
240 100
120 18.1 10.5 15.7#
236 30.3 23.0 34.6

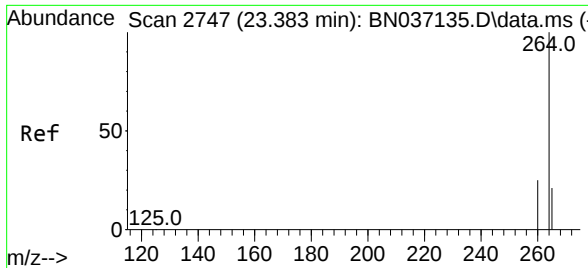


#31
Terphenyl-d14
Concen: 0.415 ng
RT: 19.639 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN037141.D
Acq: 02 Jun 2025 21:47



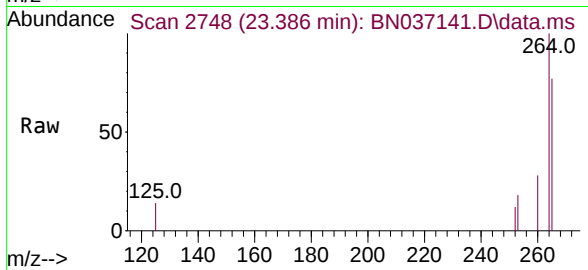
Tgt Ion:244 Resp: 3694
Ion Ratio Lower Upper
244 100
212 12.3 9.2 13.8
122 16.0 13.2 19.8





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.386 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN037141.D
Acq: 02 Jun 2025 21:47

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 3351
Ion Ratio Lower Upper
264 100
260 28.0 21.4 32.2
265 77.0 51.2 76.8#

