

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052125\
 Data File : BN037079.D
 Acq On : 20 May 2025 18:11
 Operator : RC/JU
 Sample : Q2063-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 21 01:38:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

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

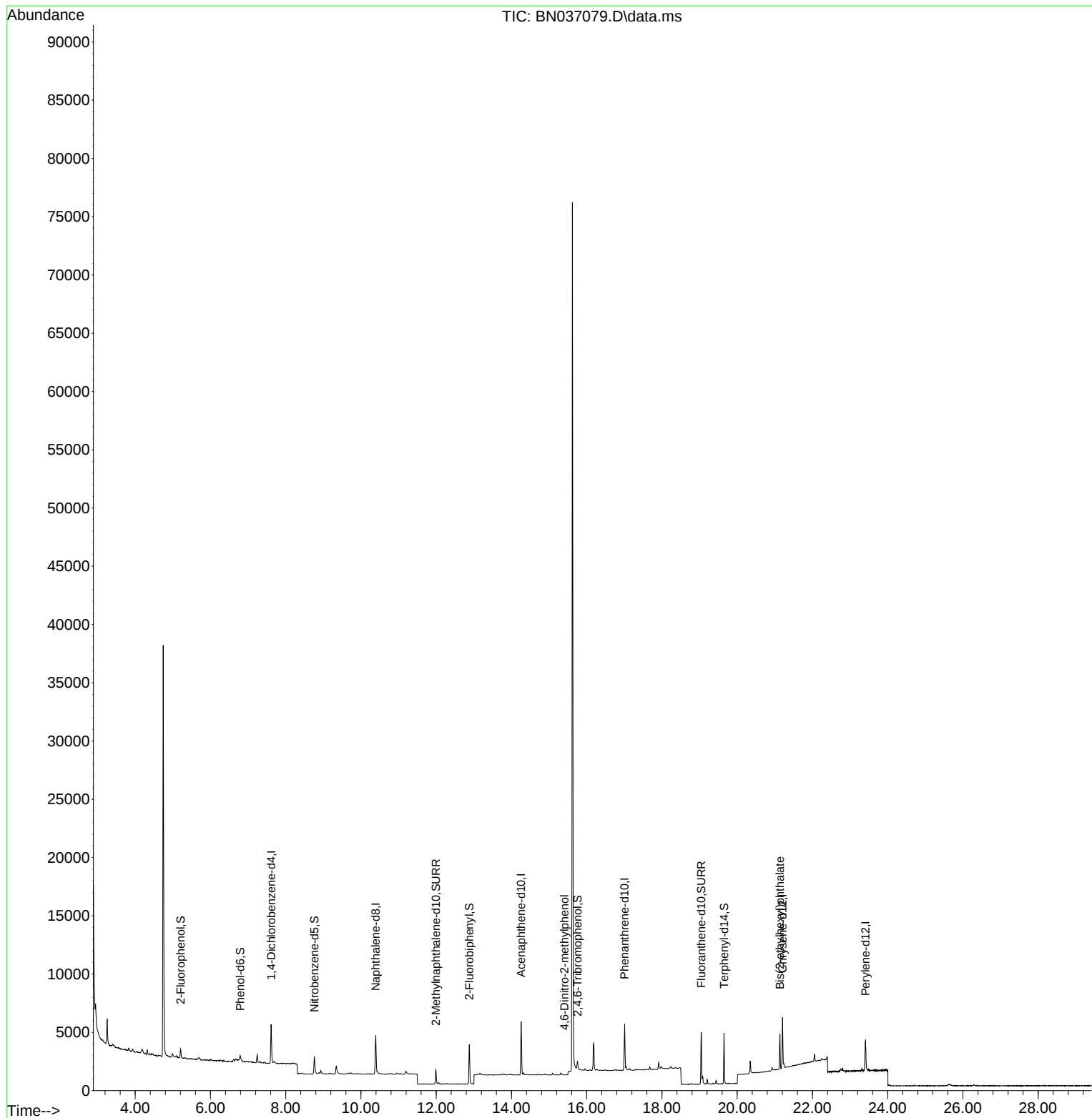
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1605	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4337	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2543	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	5161	0.400	ng	# 0.00
29) Chrysene-d12	21.206	240	4016	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	3494	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	547	0.130	ng	0.00
5) Phenol-d6	6.788	99	393	0.075	ng	0.00
8) Nitrobenzene-d5	8.760	82	1276	0.270	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	1710	0.280	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	372	0.333	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	3111	0.267	ng	-0.01
27) Fluoranthene-d10	19.045	212	5013	0.354	ng	0.00
31) Terphenyl-d14	19.649	244	3897	0.454	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.410	198	6	0.030	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.135	149	2742	0.295	ng	99

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

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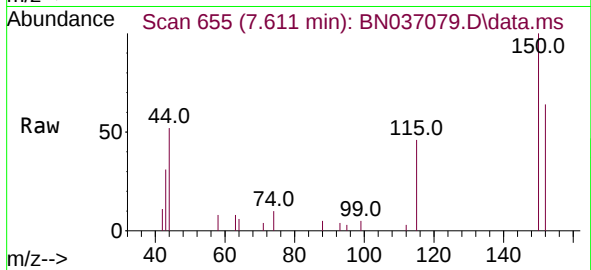
Quant Time: May 21 01:38:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



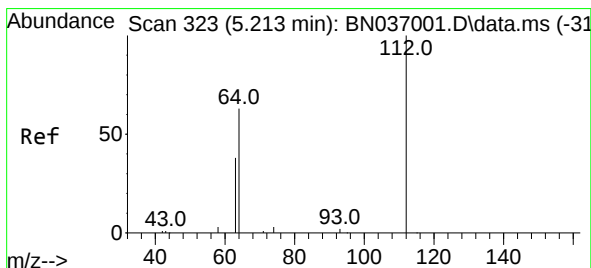
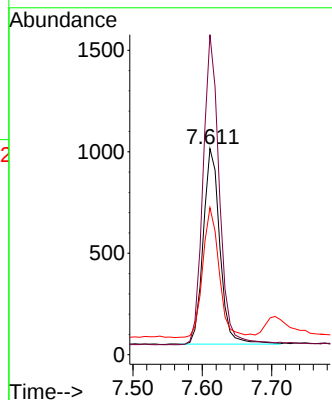
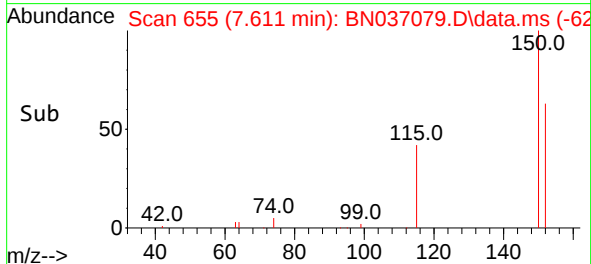


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037079.D
 Acq: 20 May 2025 18:11

Instrument :
 BNA_N
 ClientSampleId :

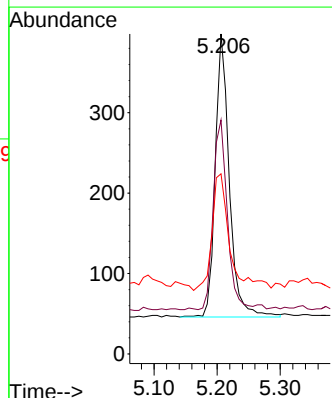
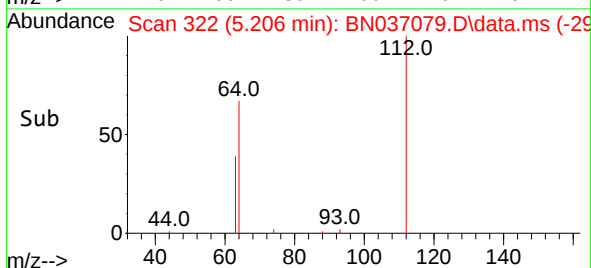
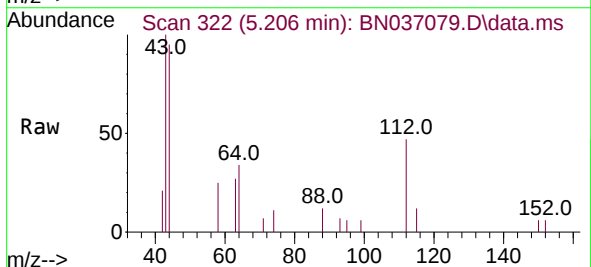


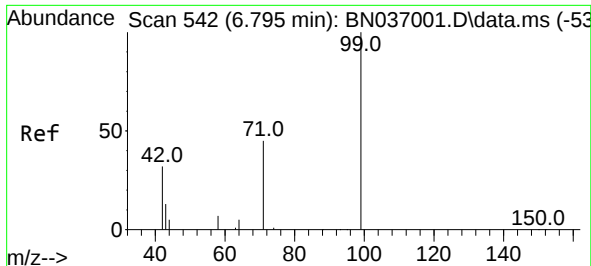
Tgt Ion:152 Resp: 1605
 Ion Ratio Lower Upper
 152 100
 150 155.2 123.9 185.9
 115 71.4 55.8 83.8



#4
 2-Fluorophenol
 Concen: 0.130 ng
 RT: 5.206 min Scan# 322
 Delta R.T. -0.007 min
 Lab File: BN037079.D
 Acq: 20 May 2025 18:11

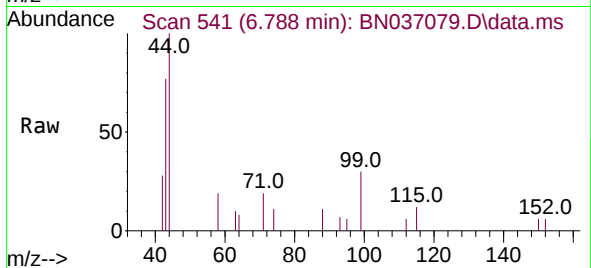
Tgt Ion:112 Resp: 547
 Ion Ratio Lower Upper
 112 100
 64 67.1 55.7 83.5
 63 51.7 34.6 51.8



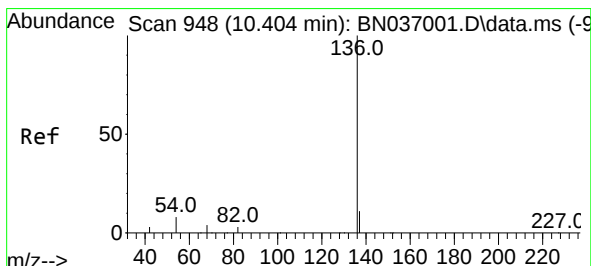
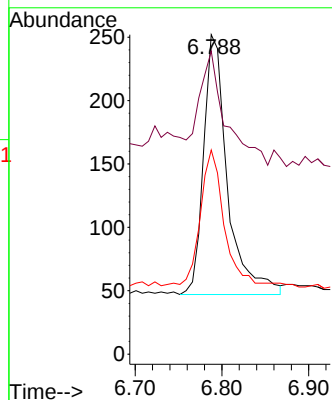
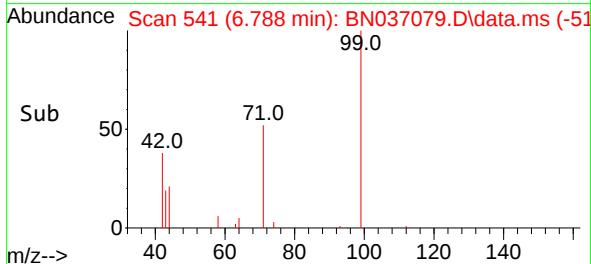


#5
Phenol-d6
Concen: 0.075 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037079.D
Acq: 20 May 2025 18:11

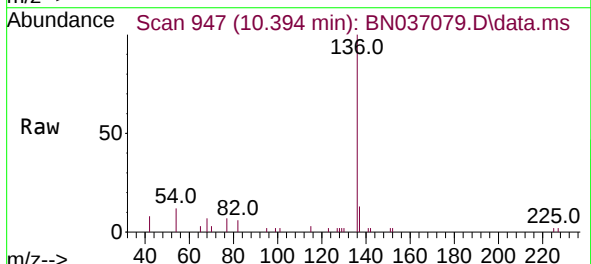
Instrument :
BNA_N
ClientSampleId :



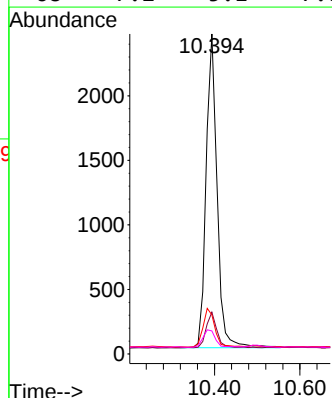
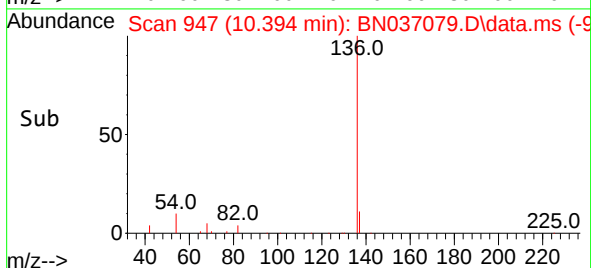
Tgt Ion: 99 Resp: 393
Ion Ratio Lower Upper
99 100
42 48.3 29.3 43.9#
71 53.9 35.7 53.5#

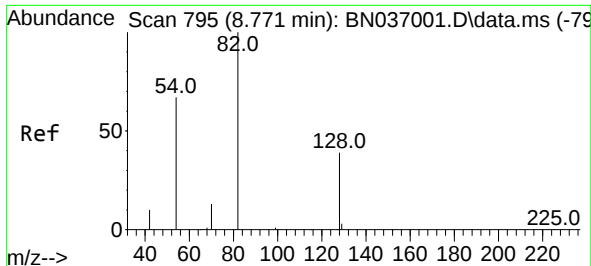


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037079.D
Acq: 20 May 2025 18:11



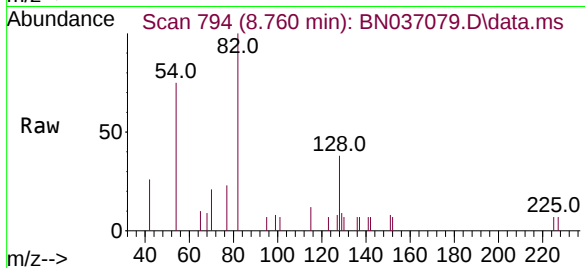
Tgt Ion: 136 Resp: 4337
Ion Ratio Lower Upper
136 100
137 13.1 10.4 15.6
54 12.2 8.5 12.7
68 7.2 5.1 7.7



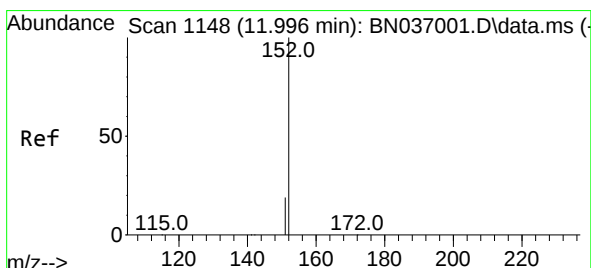
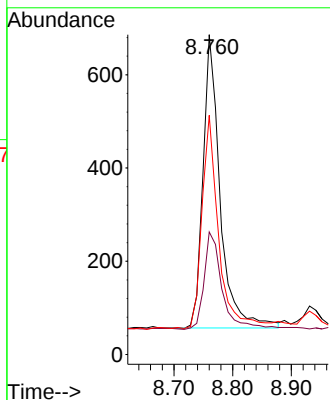
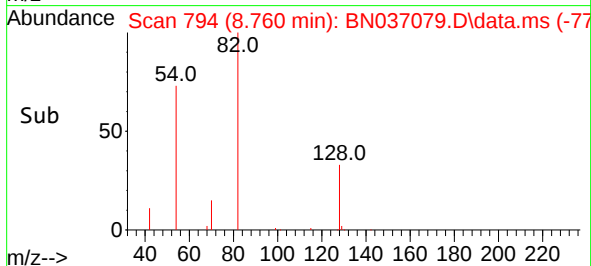


#8
 Nitrobenzene-d5
 Concen: 0.270 ng
 RT: 8.760 min Scan# 794
 Delta R.T. -0.011 min
 Lab File: BN037079.D
 Acq: 20 May 2025 18:11

Instrument :
 BNA_N
 ClientSampleId :

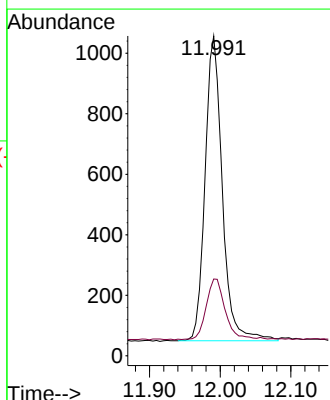
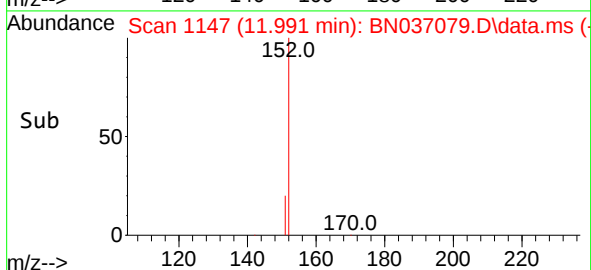
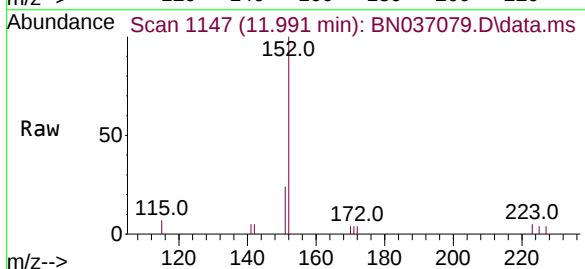


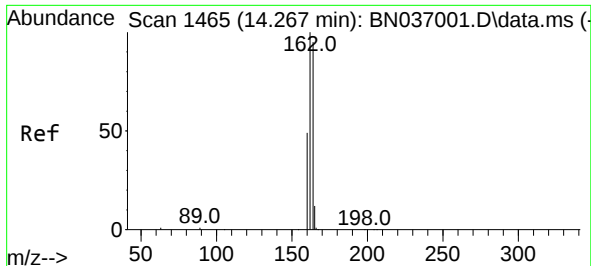
Tgt Ion: 82 Resp: 1276
 Ion Ratio Lower Upper
 82 100
 128 38.3 34.0 51.0
 54 74.8 55.0 82.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.280 ng
 RT: 11.991 min Scan# 1147
 Delta R.T. -0.005 min
 Lab File: BN037079.D
 Acq: 20 May 2025 18:11

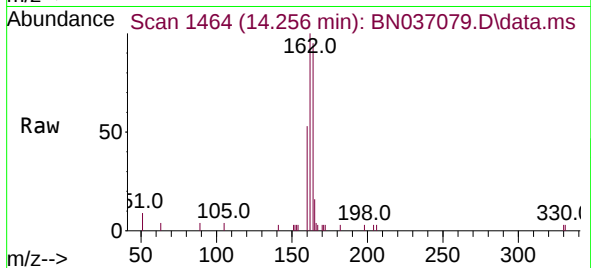
Tgt Ion: 152 Resp: 1710
 Ion Ratio Lower Upper
 152 100
 151 22.1 17.5 26.3



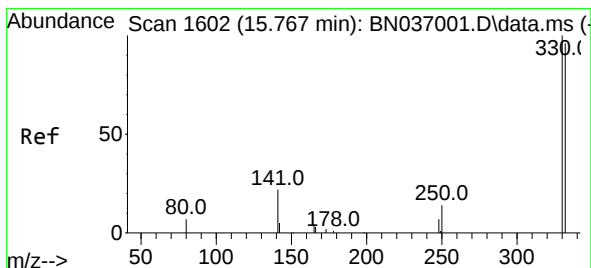
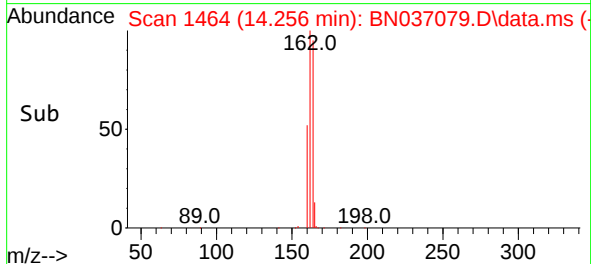
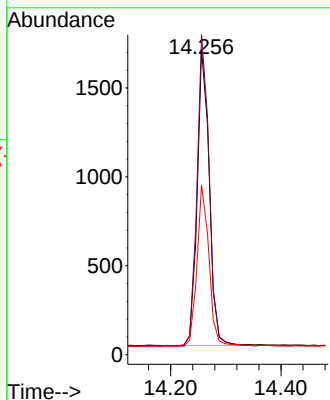


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037079.D
Acq: 20 May 2025 18:11

Instrument :
BNA_N
ClientSampleId :

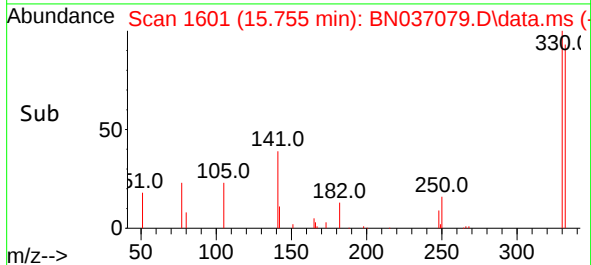
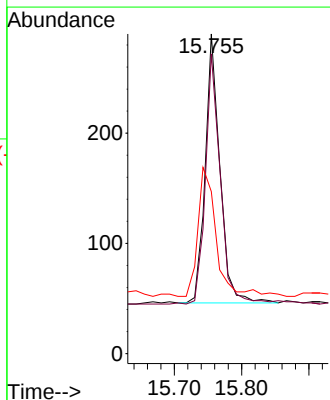
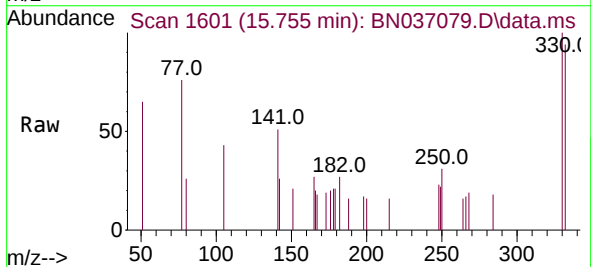


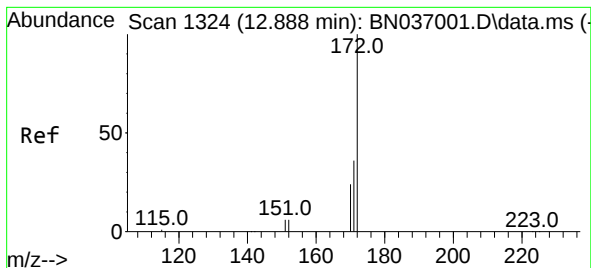
Tgt Ion:164 Resp: 2543
Ion Ratio Lower Upper
164 100
162 104.8 84.2 126.4
160 55.6 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.333 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037079.D
Acq: 20 May 2025 18:11

Tgt Ion:330 Resp: 372
Ion Ratio Lower Upper
330 100
332 95.7 73.8 110.8
141 59.1 43.9 65.9





#15

2-Fluorobiphenyl

Concen: 0.267 ng

RT: 12.878 min Scan# 1

Delta R.T. -0.010 min

Lab File: BN037079.D

Acq: 20 May 2025 18:11

Instrument :

BNA_N

ClientSampleId :

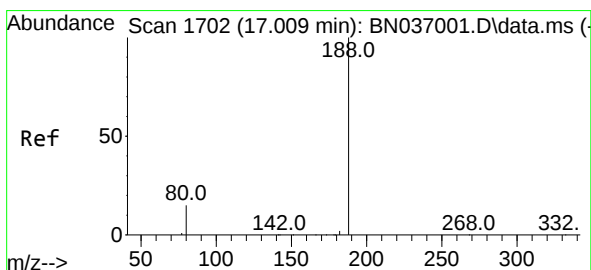
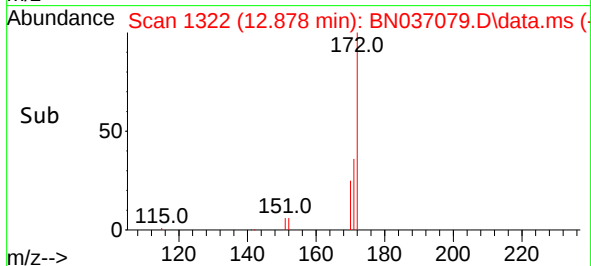
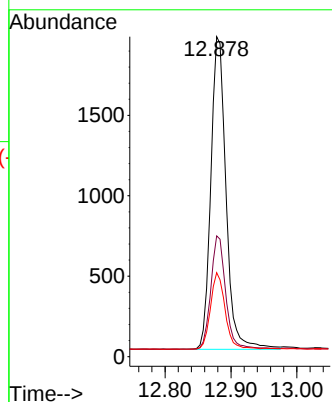
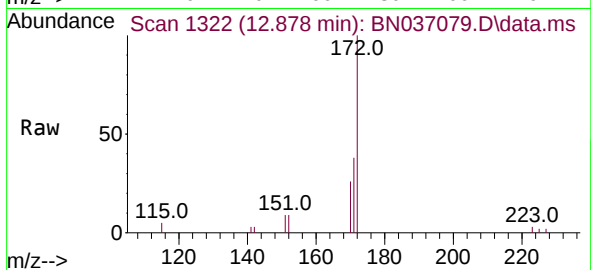
Tgt Ion:172 Resp: 3111

Ion Ratio Lower Upper

172 100

171 37.8 29.2 43.8

170 26.2 20.5 30.7



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.009 min Scan# 1702

Delta R.T. 0.000 min

Lab File: BN037079.D

Acq: 20 May 2025 18:11

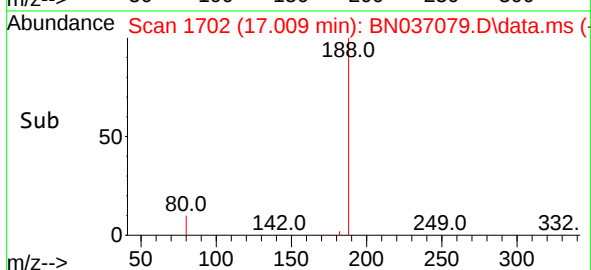
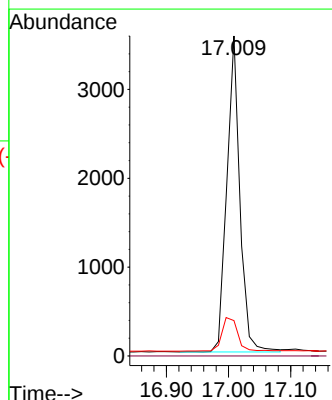
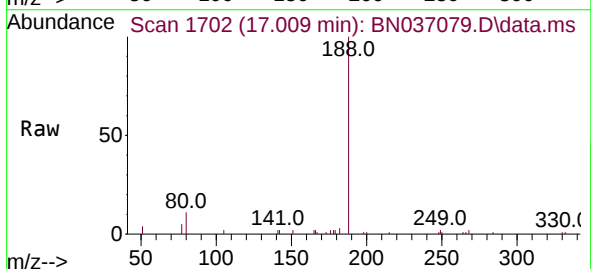
Tgt Ion:188 Resp: 5161

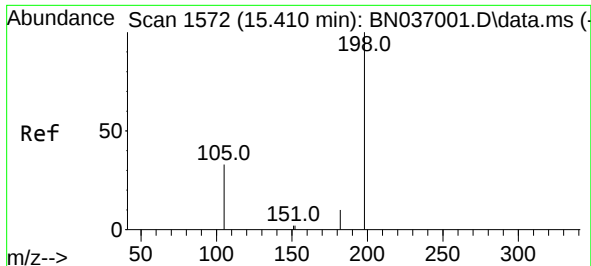
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.0 13.4 20.0#

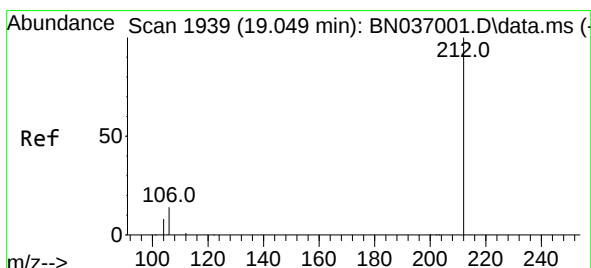
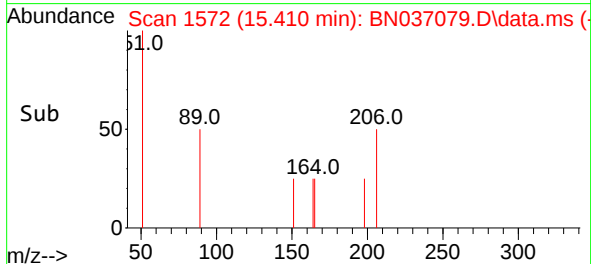
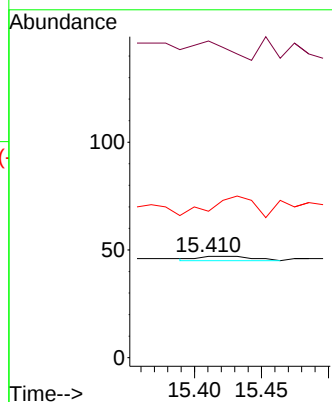
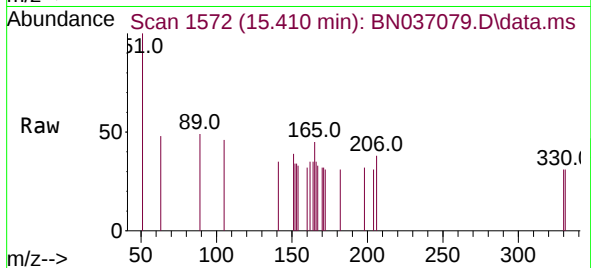




#20
4,6-Dinitro-2-methylphenol
Concen: 0.030 ng
RT: 15.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037079.D
Acq: 20 May 2025 18:11

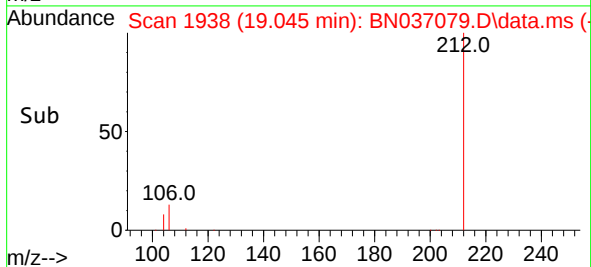
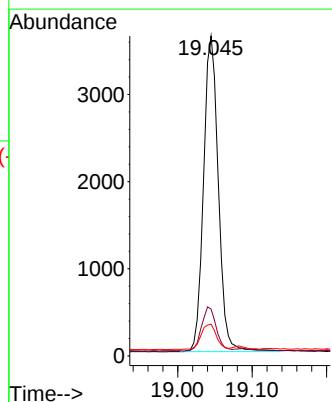
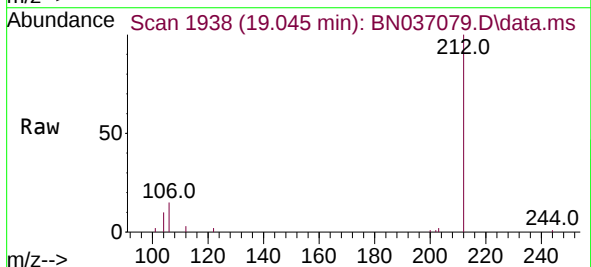
Instrument :
BNA_N
ClientSampleId :

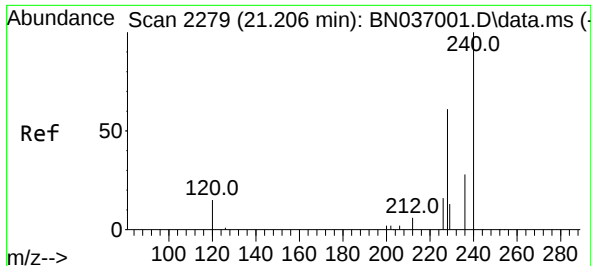
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 312.8 87.8 131.6#
105 144.7 44.2 66.4#



#27
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.045 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BN037079.D
Acq: 20 May 2025 18:11

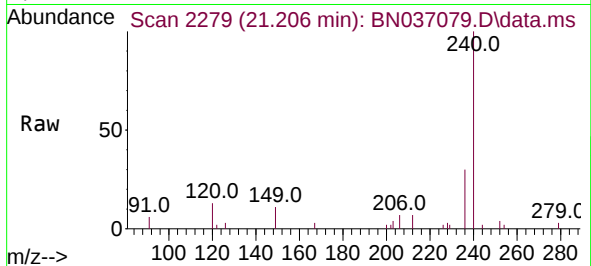
Tgt Ion:212 Resp: 5013
Ion Ratio Lower Upper
212 100
106 13.7 11.3 16.9
104 8.4 6.7 10.1



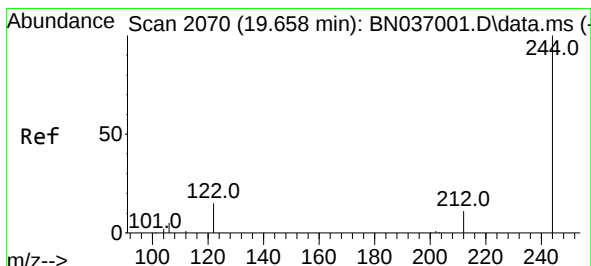
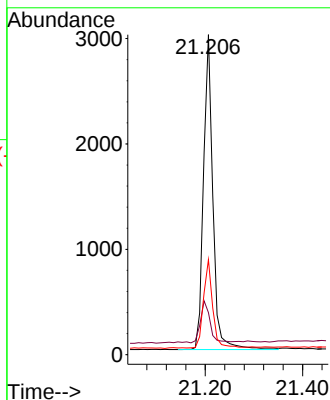
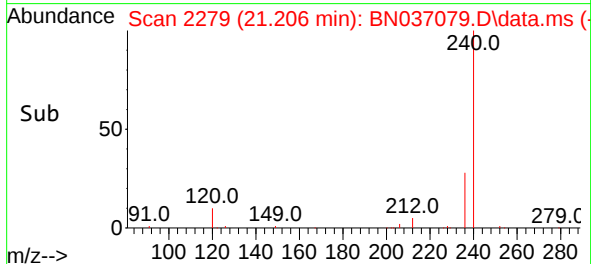


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037079.D
Acq: 20 May 2025 18:11

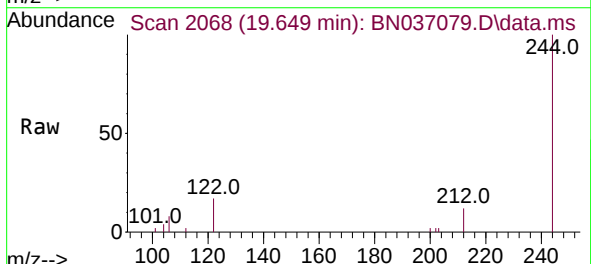
Instrument :
BNA_N
ClientSampleId :



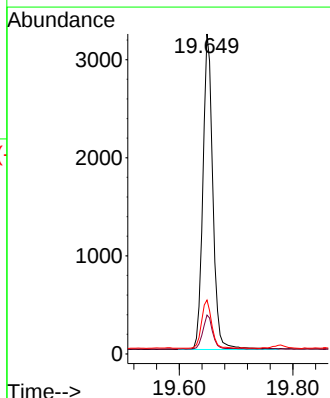
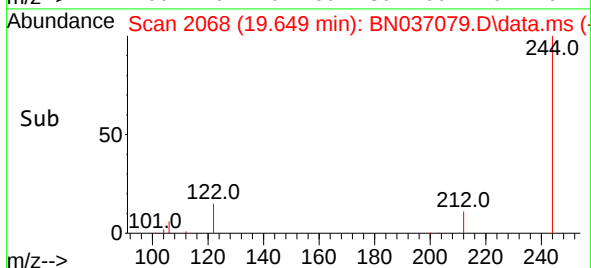
Tgt Ion:240 Resp: 4016
Ion Ratio Lower Upper
240 100
120 13.1 15.1 22.7#
236 29.7 24.0 36.0

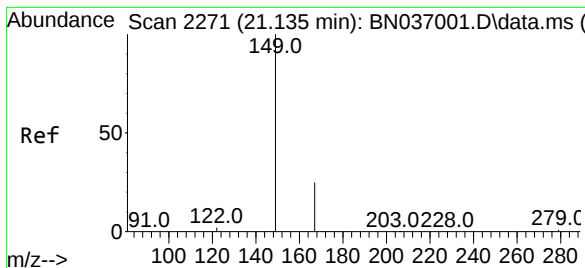


#31
Terphenyl-d14
Concen: 0.454 ng
RT: 19.649 min Scan# 2068
Delta R.T. -0.009 min
Lab File: BN037079.D
Acq: 20 May 2025 18:11



Tgt Ion:244 Resp: 3897
Ion Ratio Lower Upper
244 100
212 12.2 9.7 14.5
122 16.9 13.4 20.0

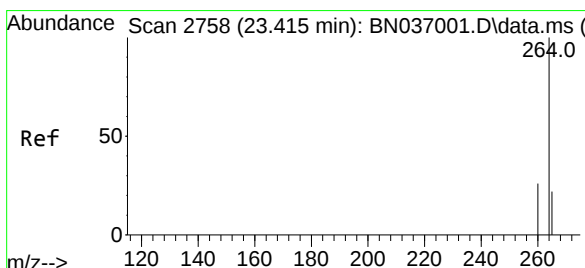
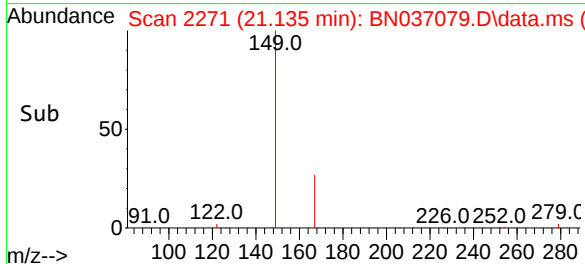
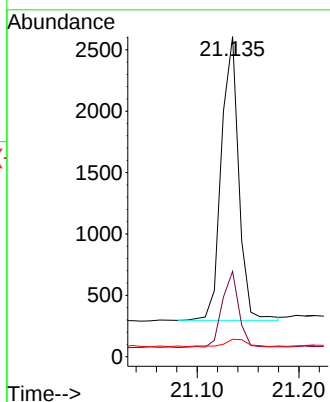
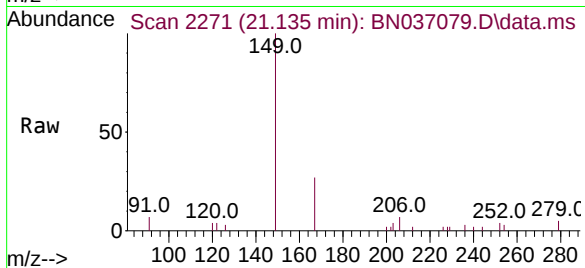




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.295 ng
 RT: 21.135 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: BN037079.D
 Acq: 20 May 2025 18:11

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 2742
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.6 30.8
 279 3.2 2.6 3.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.409 min Scan# 2756
 Delta R.T. -0.006 min
 Lab File: BN037079.D
 Acq: 20 May 2025 18:11

Tgt Ion:264 Resp: 3494
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.9 32.9
 265 69.7 51.6 77.4

