

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
 Data File : BN037121.D
 Acq On : 28 May 2025 22:35
 Operator : RC/JU
 Sample : Q2118-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-500-502

Quant Time: May 29 01:33:42 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)

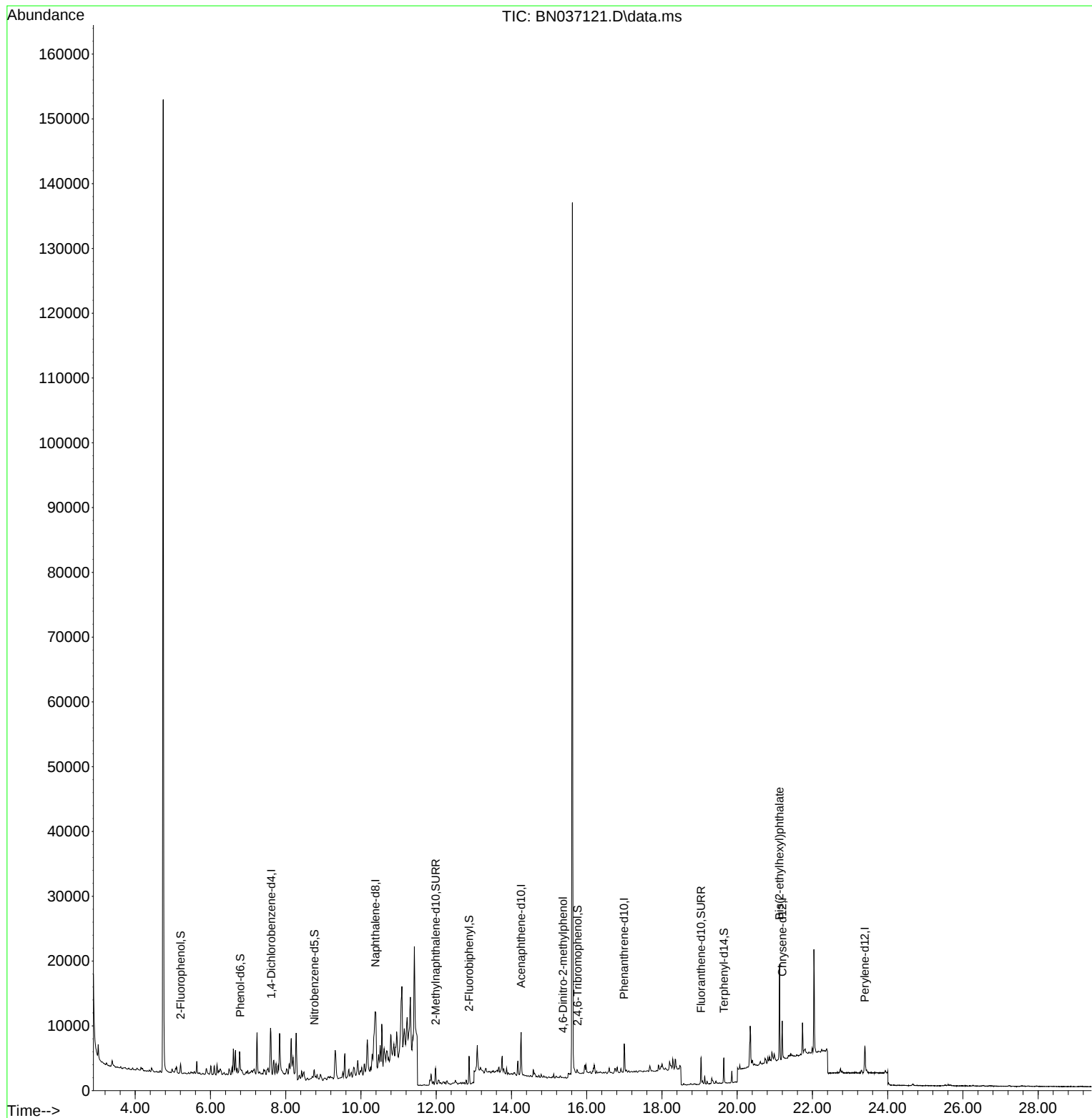
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1952	0.400	ng	0.00
7) Naphthalene-d8	10.383	136	5310	0.400	ng	#-0.02
13) Acenaphthene-d10	14.256	164	3451	0.400	ng	-0.01
19) Phenanthrene-d10	16.996	188	6176	0.400	ng	-0.01
29) Chrysene-d12	21.197	240	5116	0.400	ng	0.00
35) Perylene-d12	23.392	264	5396	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	615	0.120	ng	0.00
5) Phenol-d6	6.788	99	738	0.115	ng	0.00
8) Nitrobenzene-d5	8.760	82	1593	0.276	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	2253	0.301	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	206	0.136	ng	-0.01
15) 2-Fluorobiphenyl	12.873	172	3566	0.226	ng	-0.02
27) Fluoranthene-d10	19.040	212	4393	0.259	ng	0.00
31) Terphenyl-d14	19.644	244	3566	0.326	ng	-0.01
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.368	198	15	0.036	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.126	149	12566	1.060	ng	99

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

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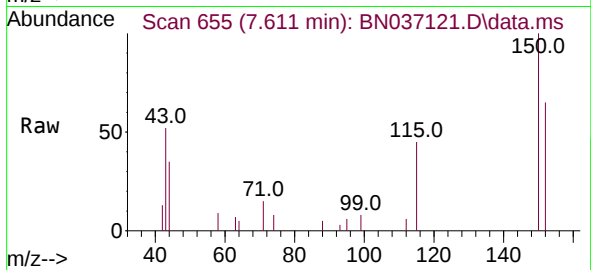
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



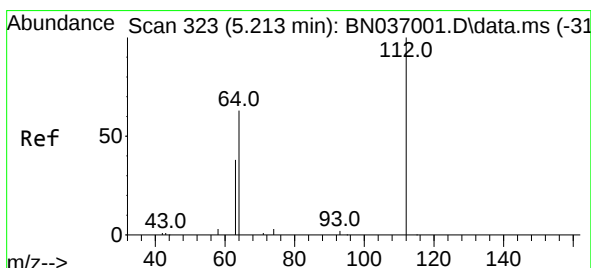
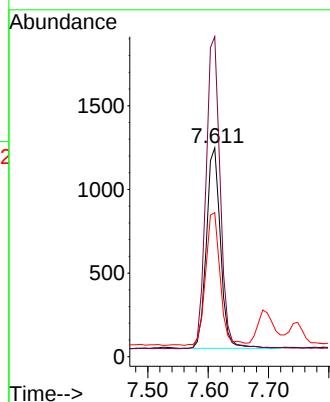
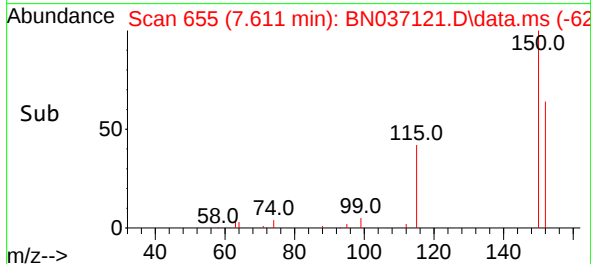


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037121.D
Acq: 28 May 2025 22:35

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-500-502

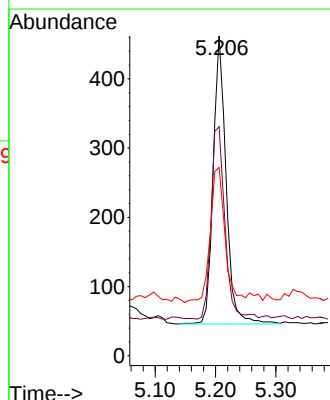
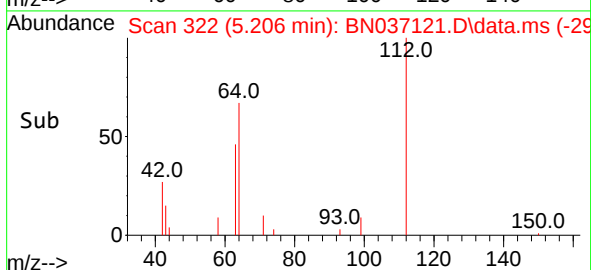
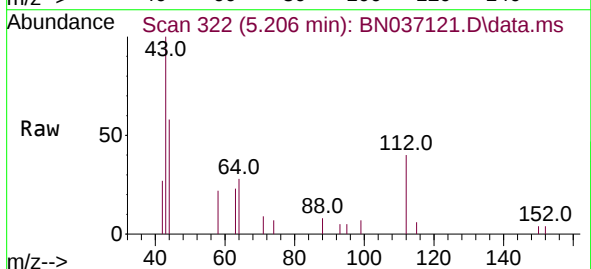


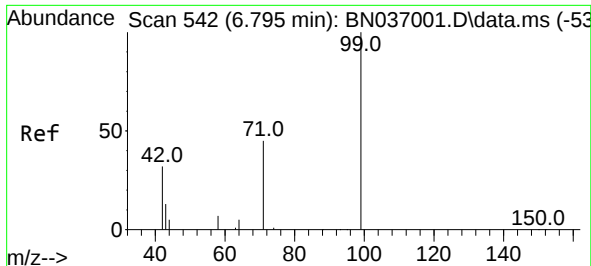
Tgt Ion:152 Resp: 1952
Ion Ratio Lower Upper
152 100
150 153.3 123.9 185.9
115 69.0 55.8 83.8



#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037121.D
Acq: 28 May 2025 22:35

Tgt Ion:112 Resp: 615
Ion Ratio Lower Upper
112 100
64 72.4 55.7 83.5
63 54.3 34.6 51.8#

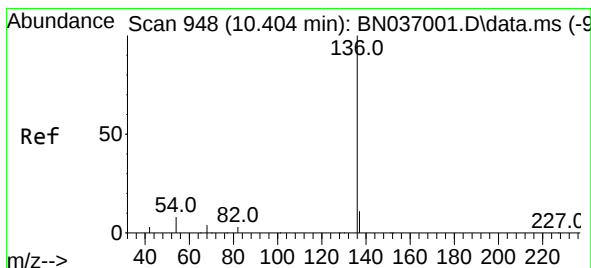
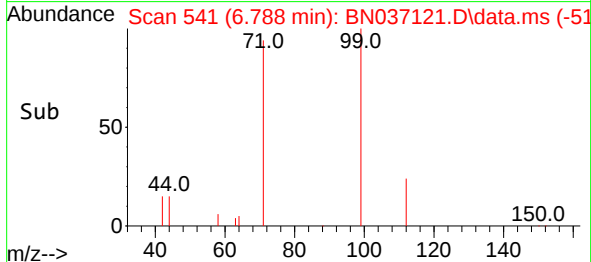
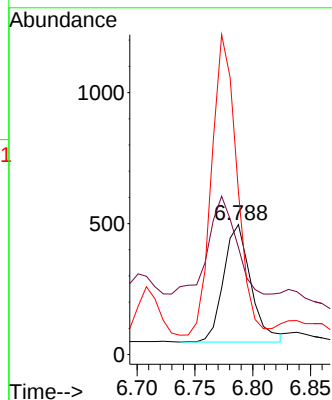
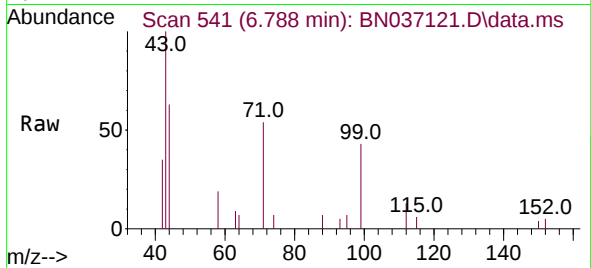




#5
Phenol-d6
Concen: 0.115 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037121.D
Acq: 28 May 2025 22:35

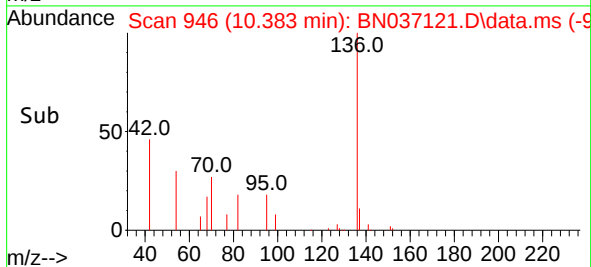
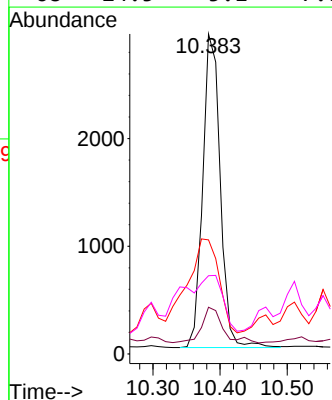
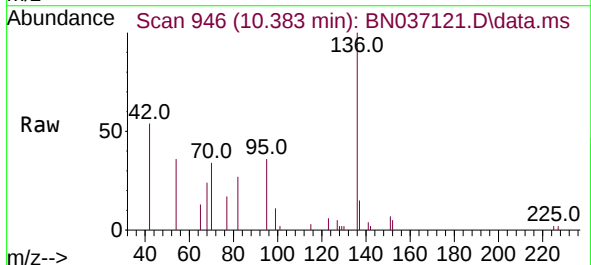
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-500-502

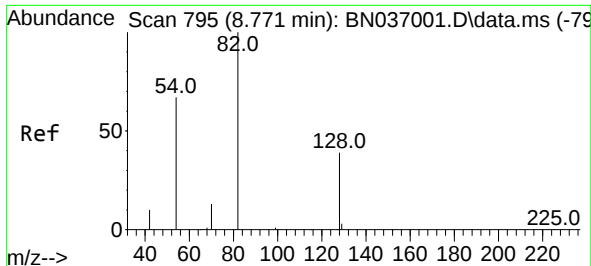
Tgt Ion: 99 Resp: 738
Ion Ratio Lower Upper
99 100
42 83.1 29.3 43.9#
71 236.6 35.7 53.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.383 min Scan# 946
Delta R.T. -0.021 min
Lab File: BN037121.D
Acq: 28 May 2025 22:35

Tgt Ion: 136 Resp: 5310
Ion Ratio Lower Upper
136 100
137 14.6 10.4 15.6
54 35.7 8.5 12.7#
68 24.5 5.1 7.7#

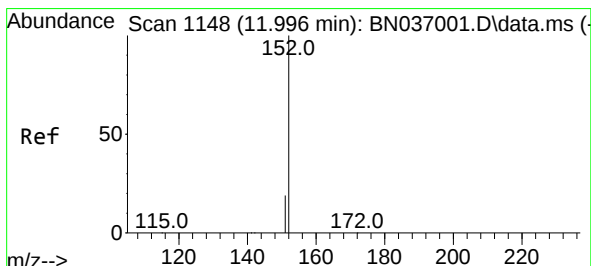
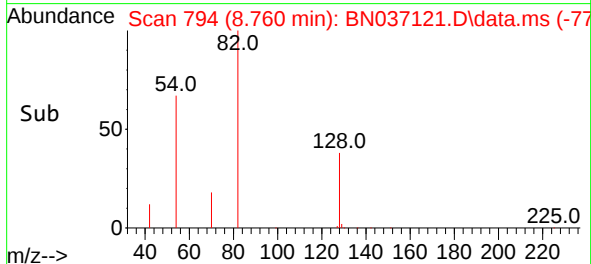
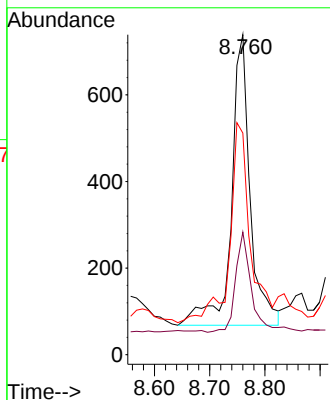
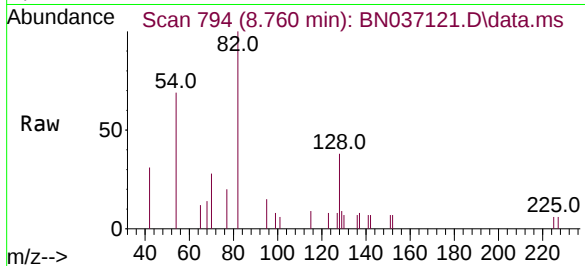




#8
 Nitrobenzene-d5
 Concen: 0.276 ng
 RT: 8.760 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BN037121.D
 Acq: 28 May 2025 22:35

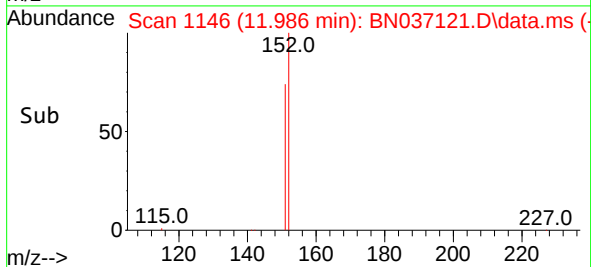
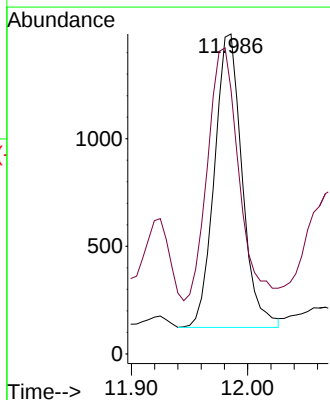
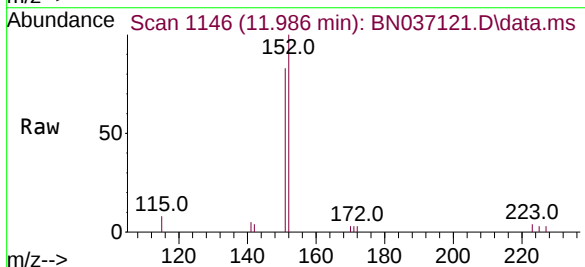
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-500-502

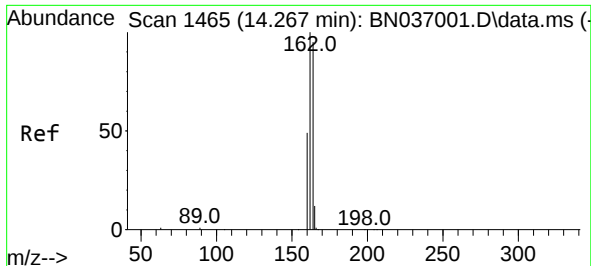
Tgt Ion:	82	Resp:	1593
Ion	Ratio	Lower	Upper
82	100		
128	38.3	34.0	51.0
54	69.3	55.0	82.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.301 ng
 RT: 11.986 min Scan# 1146
 Delta R.T. -0.010 min
 Lab File: BN037121.D
 Acq: 28 May 2025 22:35

Tgt Ion:	152	Resp:	2253
Ion	Ratio	Lower	Upper
152	100		
151	96.8	17.5	26.3

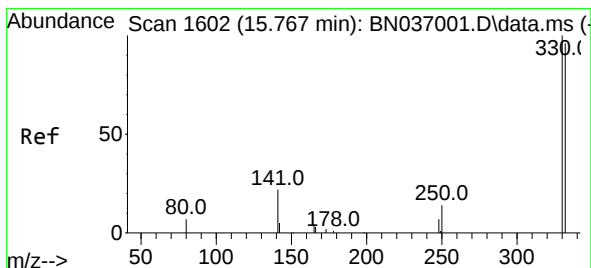
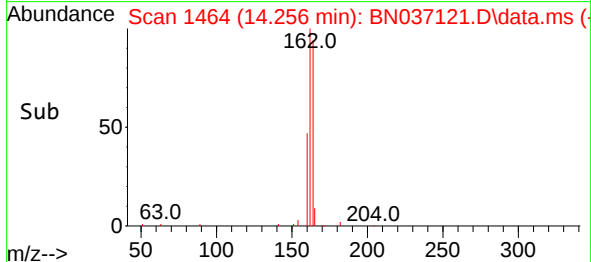
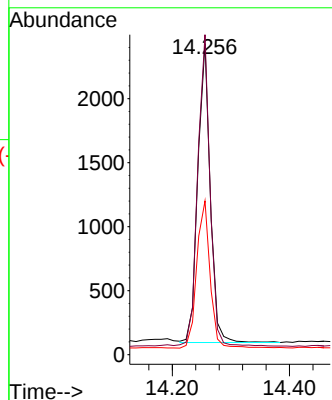
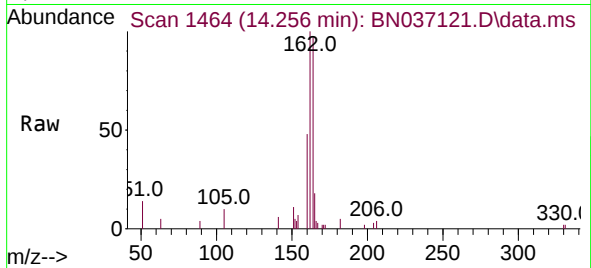




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN037121.D
Acq: 28 May 2025 22:35

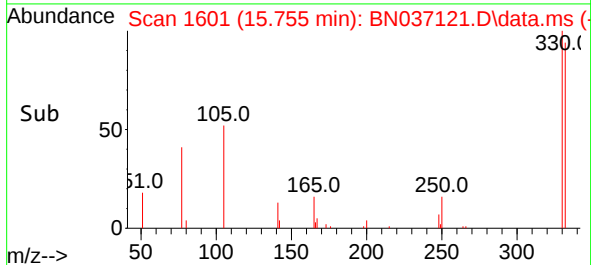
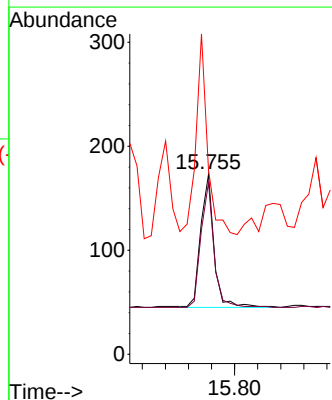
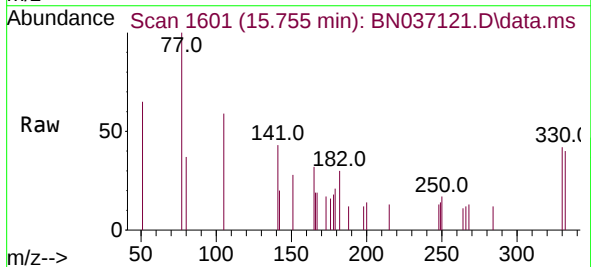
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-500-502

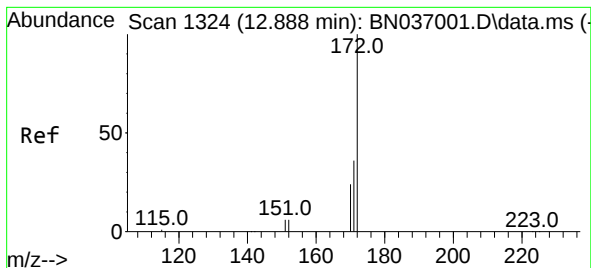
Tgt Ion:164 Resp: 3451
Ion Ratio Lower Upper
164 100
162 102.8 84.2 126.4
160 49.4 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.136 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037121.D
Acq: 28 May 2025 22:35

Tgt Ion:330 Resp: 206
Ion Ratio Lower Upper
330 100
332 91.3 73.8 110.8
141 129.1 43.9 65.9#





#15

2-Fluorobiphenyl

Concen: 0.226 ng

RT: 12.873 min Scan# 11

Delta R.T. -0.015 min

Lab File: BN037121.D

Acq: 28 May 2025 22:35

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-500-502

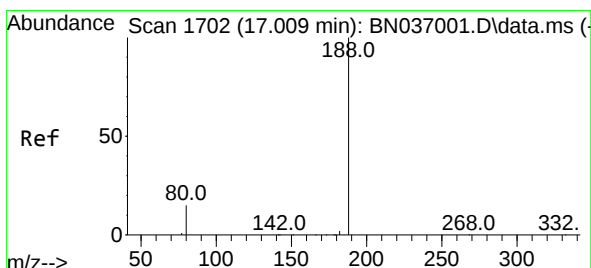
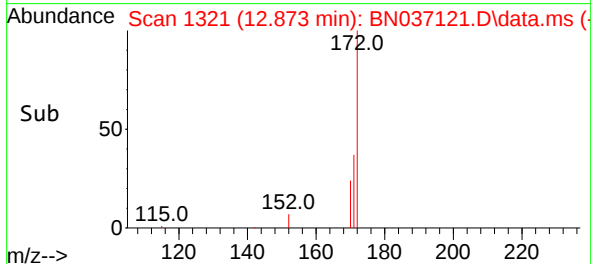
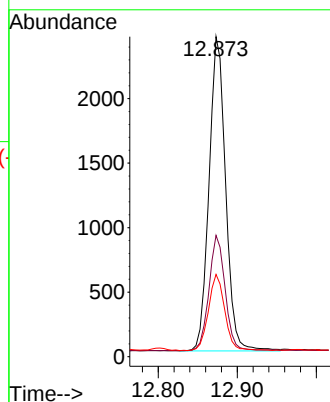
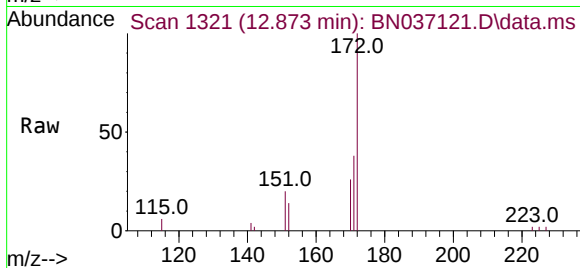
Tgt Ion:172 Resp: 3566

Ion Ratio Lower Upper

172 100

171 37.9 29.2 43.8

170 25.7 20.5 30.7



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.996 min Scan# 1701

Delta R.T. -0.012 min

Lab File: BN037121.D

Acq: 28 May 2025 22:35

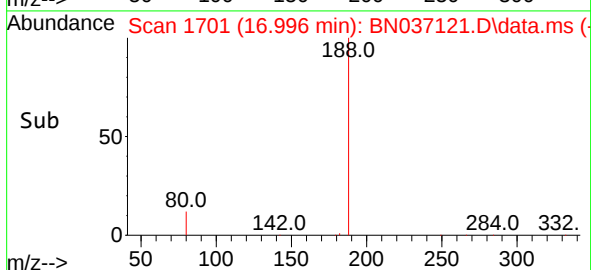
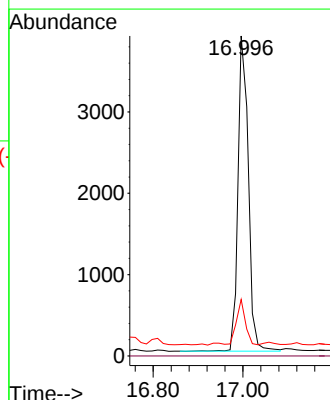
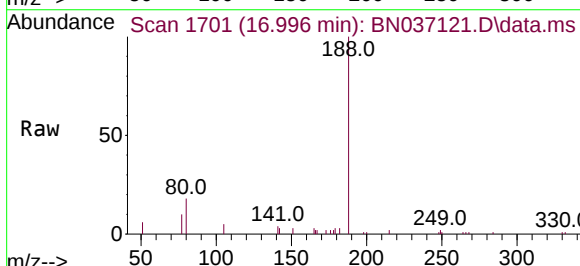
Tgt Ion:188 Resp: 6176

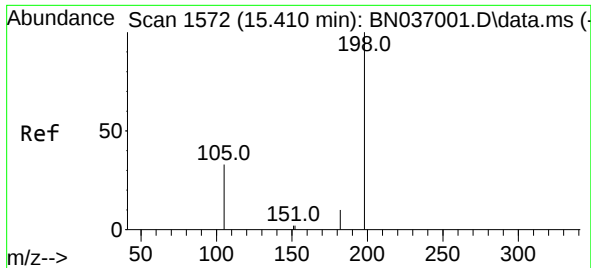
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 17.6 13.4 20.0

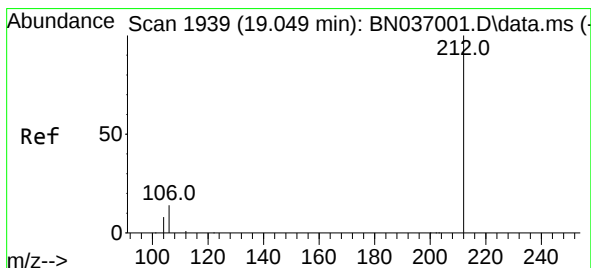
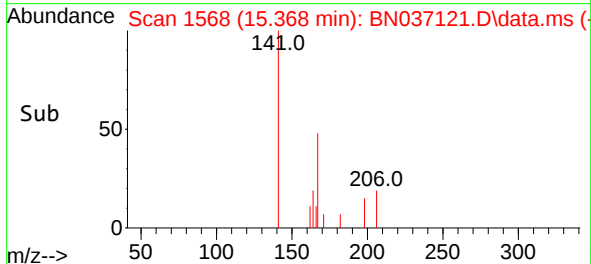
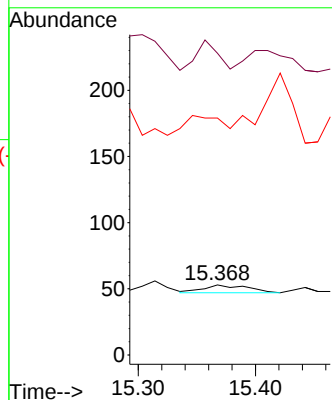
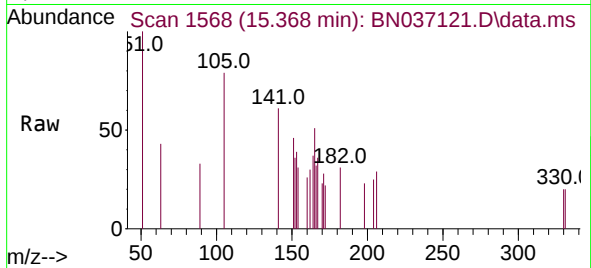




#20
4,6-Dinitro-2-methylphenol
Concen: 0.036 ng
RT: 15.368 min Scan# 1568
Delta R.T. -0.042 min
Lab File: BN037121.D
Acq: 28 May 2025 22:35

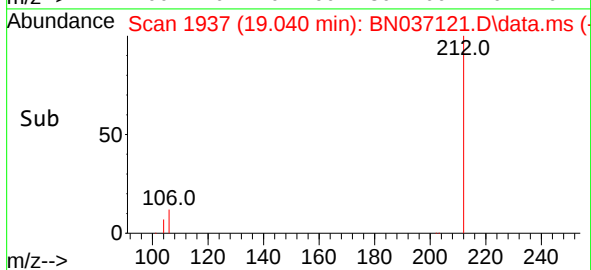
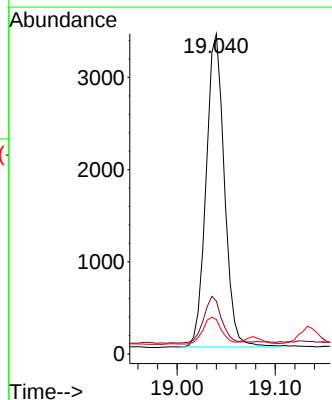
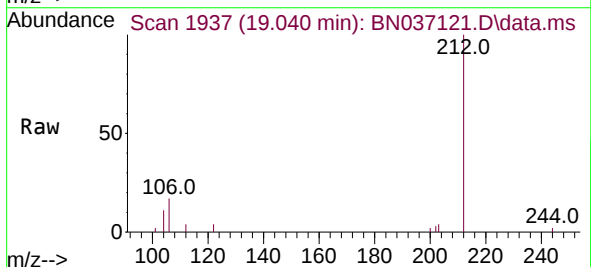
Instrument :
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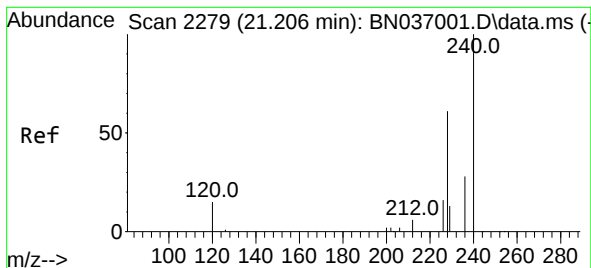
Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
51 430.2 87.8 131.6#
105 337.7 44.2 66.4#



#27
Fluoranthene-d10
Concen: 0.259 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037121.D
Acq: 28 May 2025 22:35

Tgt Ion:212 Resp: 4393
Ion Ratio Lower Upper
212 100
106 14.8 11.3 16.9
104 8.7 6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.197 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037121.D

Acq: 28 May 2025 22:35

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-500-502

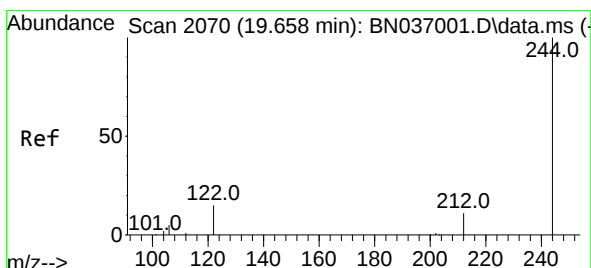
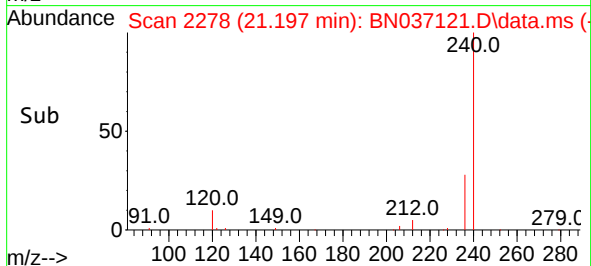
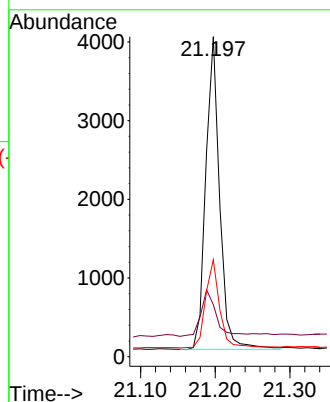
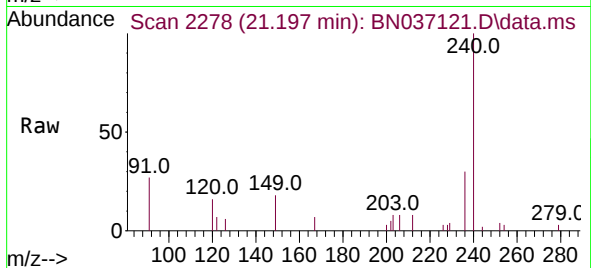
Tgt Ion:240 Resp: 5116

Ion Ratio Lower Upper

240 100

120 16.3 15.1 22.7

236 30.3 24.0 36.0



#31

Terphenyl-d14

Concen: 0.326 ng

RT: 19.644 min Scan# 2067

Delta R.T. -0.014 min

Lab File: BN037121.D

Acq: 28 May 2025 22:35

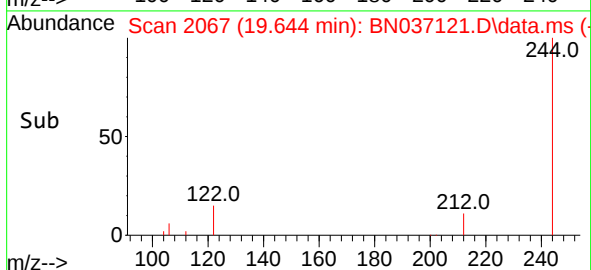
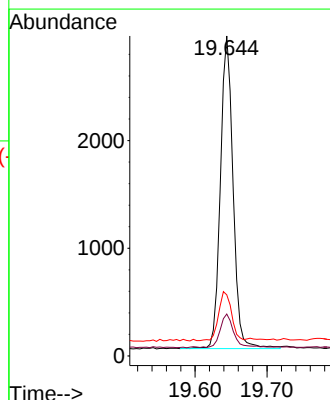
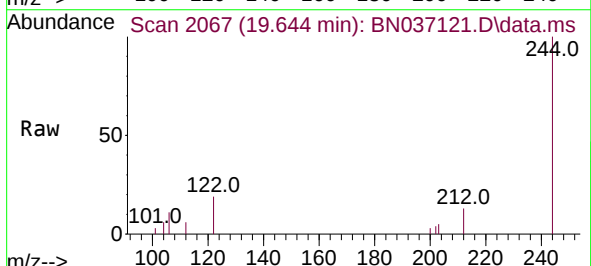
Tgt Ion:244 Resp: 3566

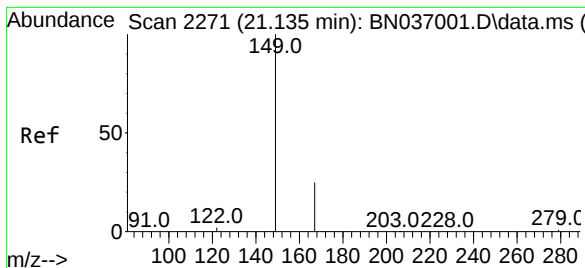
Ion Ratio Lower Upper

244 100

212 13.1 9.7 14.5

122 19.1 13.4 20.0

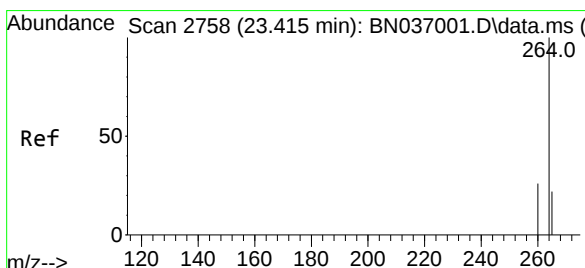
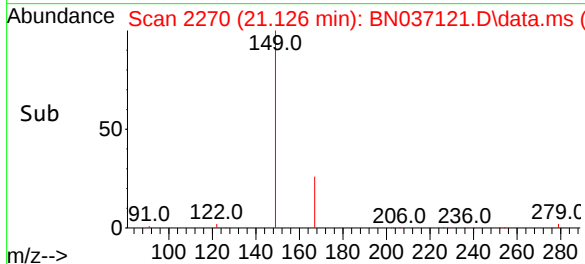
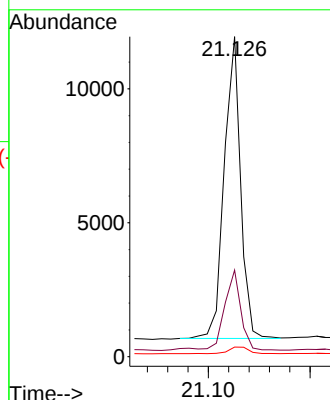
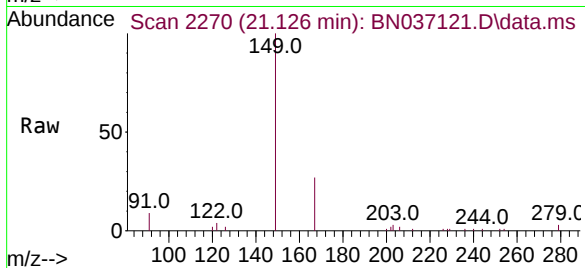




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.060 ng
 RT: 21.126 min Scan# 2110
 Delta R.T. -0.009 min
 Lab File: BN037121.D
 Acq: 28 May 2025 22:35

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-500-502

Tgt Ion:149 Resp: 12566
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.6 30.8
 279 2.8 2.6 3.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.392 min Scan# 2750
 Delta R.T. -0.023 min
 Lab File: BN037121.D
 Acq: 28 May 2025 22:35

Tgt Ion:264 Resp: 5396
 Ion Ratio Lower Upper
 264 100
 260 27.6 21.9 32.9
 265 61.0 51.6 77.4

