

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060325\
 Data File : BN037158.D
 Acq On : 03 Jun 2025 22:01
 Operator : RC/JU
 Sample : Q2162-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-580-582

Quant Time: Jun 04 02:17:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 04 01:52:03 2025
 Response via : Initial Calibration

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

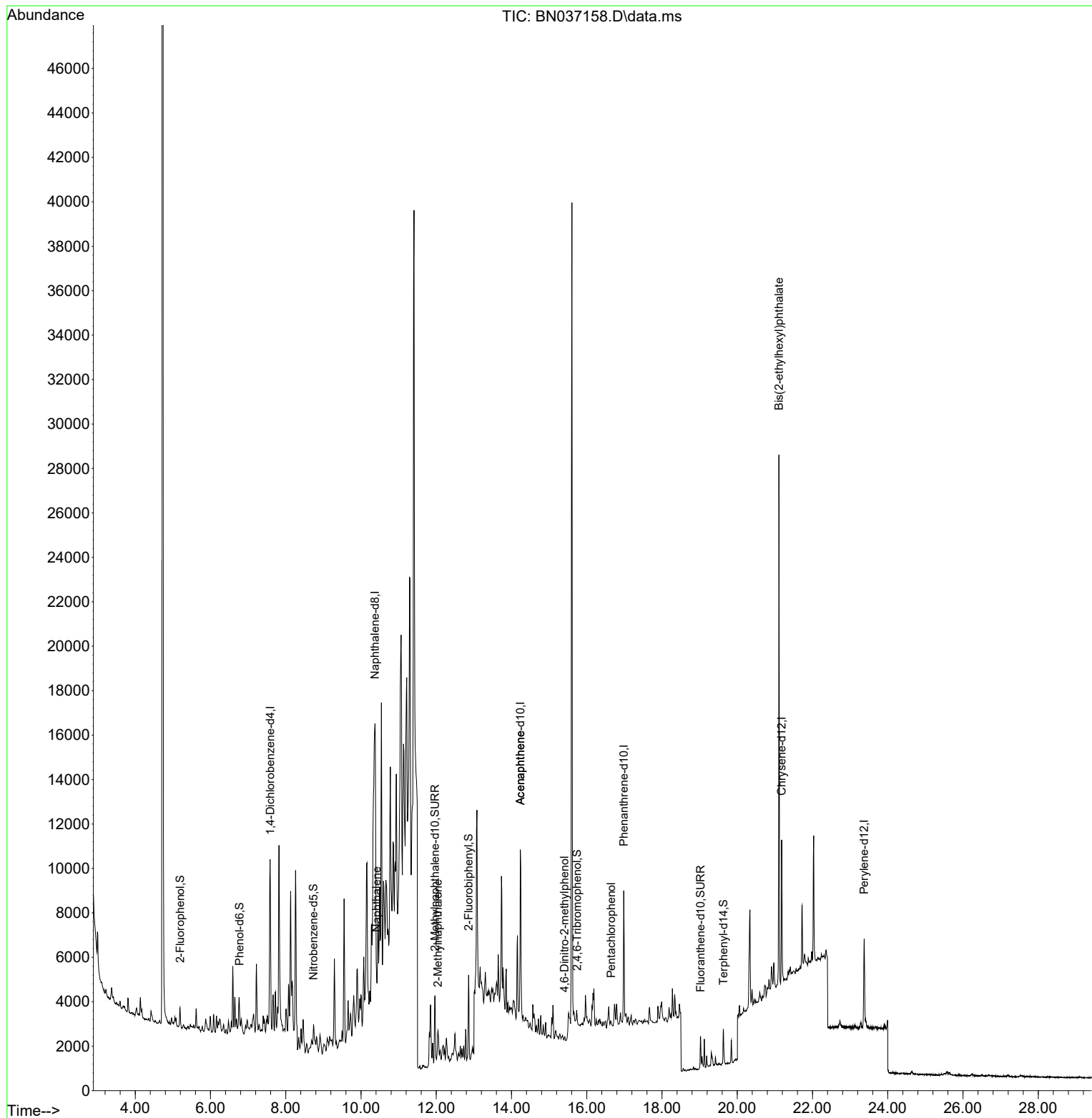
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2097	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	5795	0.400	ng	# 0.00
13) Acenaphthene-d10	14.235	164	4259	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	7770	0.400	ng	0.00
29) Chrysene-d12	21.180	240	5558	0.400	ng	# 0.00
35) Perylene-d12	23.371	264	5158	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	480	0.093	ng	0.00
5) Phenol-d6	6.773	99	568	0.090	ng	0.00
8) Nitrobenzene-d5	8.739	82	1361	0.223	ng	0.00
11) 2-Methylnaphthalene-d10	11.966	152	2304	0.286	ng	0.00
14) 2,4,6-Tribromophenol	15.743	330	168	0.098	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	3192	0.176	ng	0.00
27) Fluoranthene-d10	19.026	212	1712	0.087	ng	0.00
31) Terphenyl-d14	19.630	244	1506	0.115	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.415	128	618	0.037	ng	# 64
12) 2-Methylnaphthalene	12.042	142	246	0.023	ng	# 1
17) Acenaphthene	14.235	154	400	0.030	ng	# 2
20) 4,6-Dinitro-2-methylph...	15.411	198	4	0.276	ng	# 1
24) Pentachlorophenol	16.649	266	37	0.226	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.108	149	20037	1.578	ng	# 99

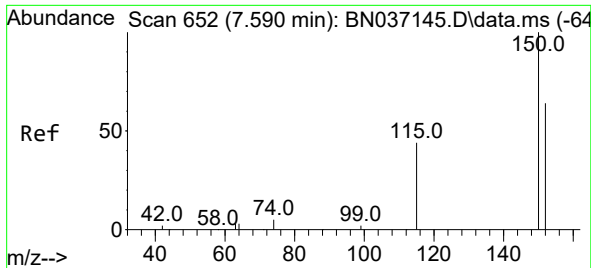
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060325\
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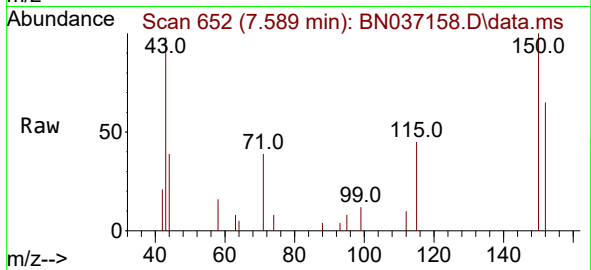
Quant Time: Jun 04 02:17:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
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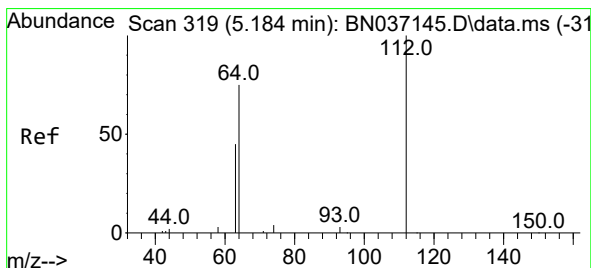
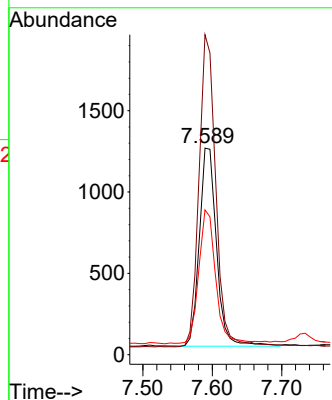
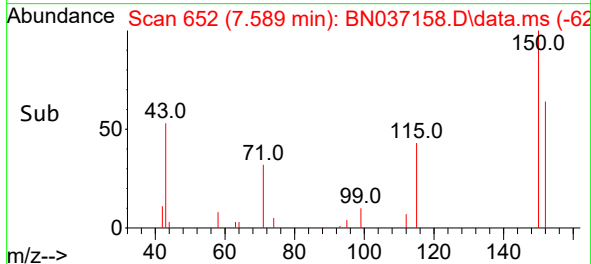


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN037158.D
Acq: 03 Jun 2025 22:01

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-580-582

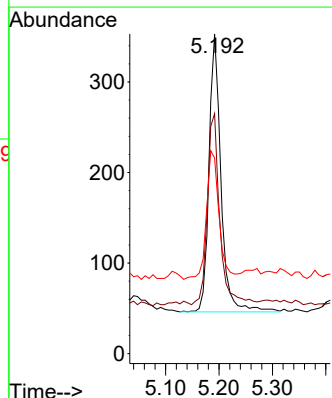
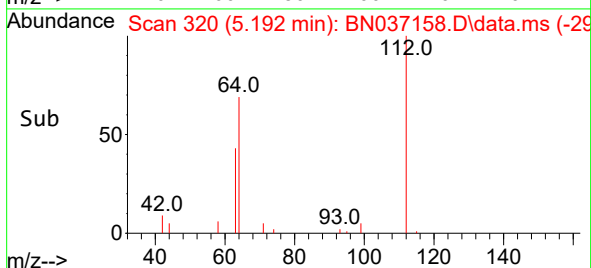
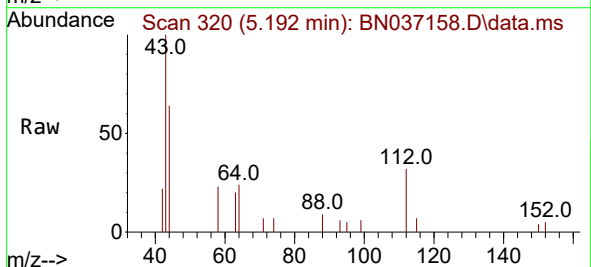


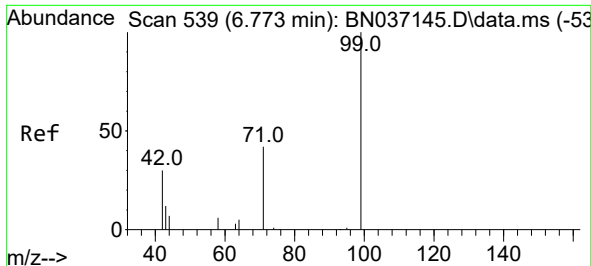
Tgt Ion:152 Resp: 2097
Ion Ratio Lower Upper
152 100
150 154.9 123.2 184.8
115 70.1 56.6 85.0



#4
2-Fluorophenol
Concen: 0.093 ng
RT: 5.192 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN037158.D
Acq: 03 Jun 2025 22:01

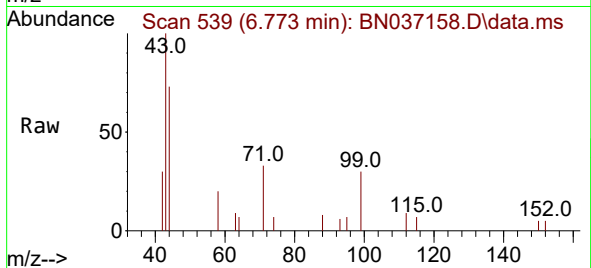
Tgt Ion:112 Resp: 480
Ion Ratio Lower Upper
112 100
64 71.7 56.3 84.5
63 48.1 36.2 54.4



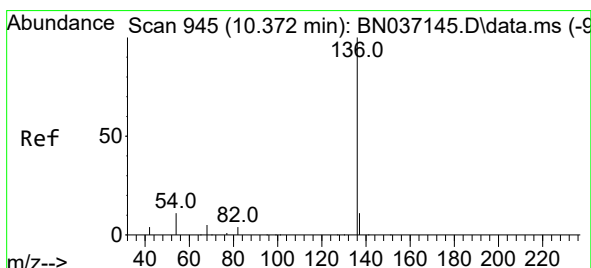
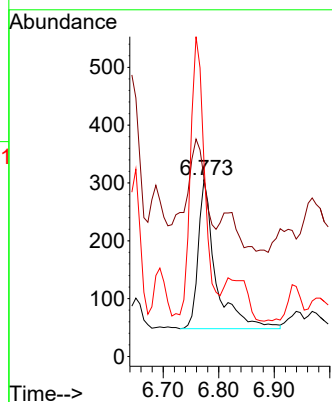
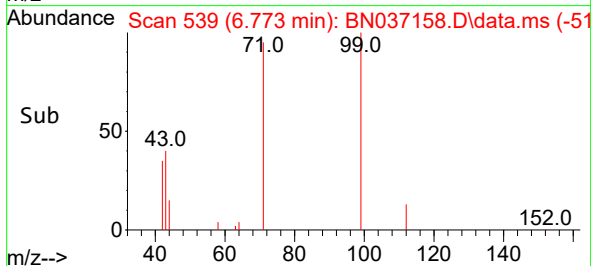


#5
Phenol-d6
Concen: 0.090 ng
RT: 6.773 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN037158.D
Acq: 03 Jun 2025 22:01

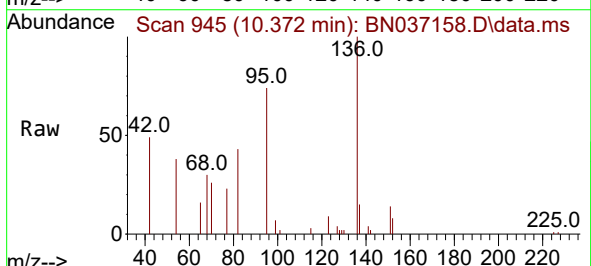
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-580-582



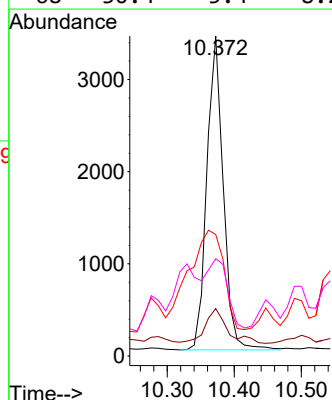
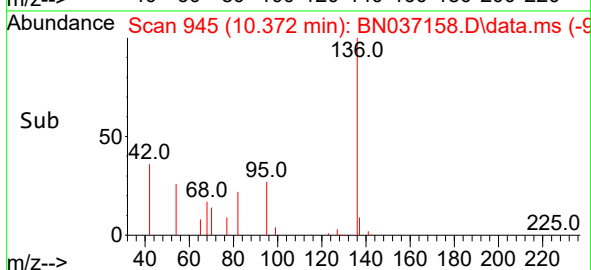
Tgt Ion: 99 Resp: 568
Ion Ratio Lower Upper
99 100
42 52.6 31.3 46.9#
71 147.2 38.2 57.2#

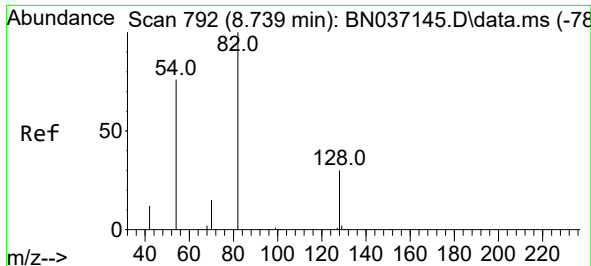


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037158.D
Acq: 03 Jun 2025 22:01



Tgt Ion: 136 Resp: 5795
Ion Ratio Lower Upper
136 100
137 14.8 9.7 14.5#
54 37.9 9.7 14.5#
68 30.4 5.4 8.2#

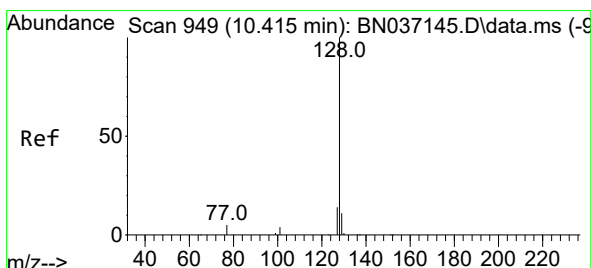
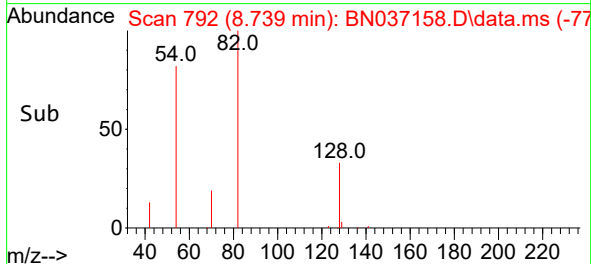
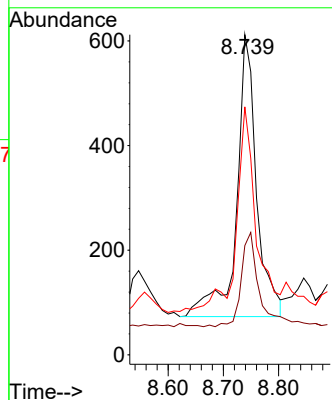
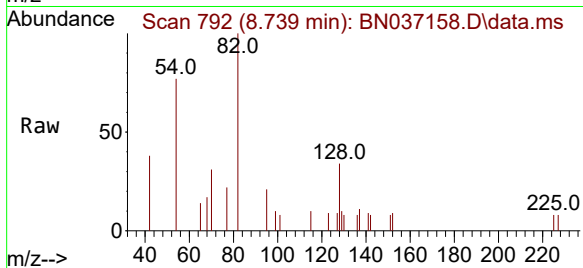




#8
Nitrobenzene-d5
Concen: 0.223 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037158.D
Acq: 03 Jun 2025 22:01

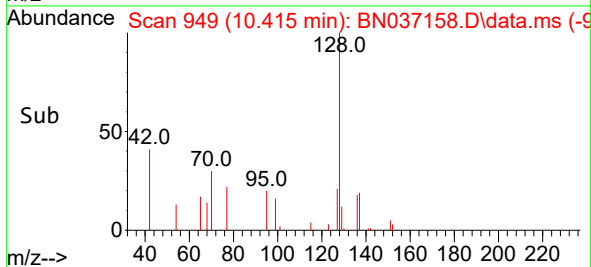
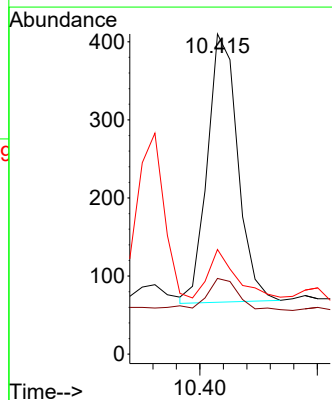
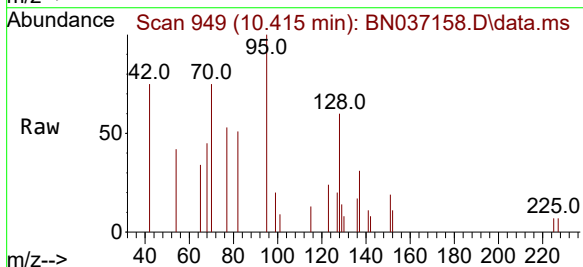
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-580-582

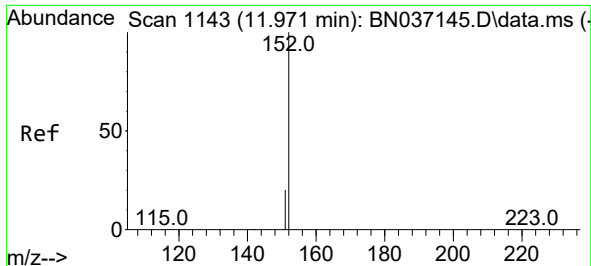
Tgt Ion: 82 Resp: 1361
Ion Ratio Lower Upper
82 100
128 34.2 26.9 40.3
54 77.5 61.4 92.2



#9
Naphthalene
Concen: 0.037 ng
RT: 10.415 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN037158.D
Acq: 03 Jun 2025 22:01

Tgt Ion: 128 Resp: 618
Ion Ratio Lower Upper
128 100
129 23.7 9.8 14.8#
127 32.7 12.3 18.5#





#11

2-Methylnaphthalene-d10

Concen: 0.286 ng

RT: 11.966 min Scan# 1142

Delta R.T. -0.005 min

Lab File: BN037158.D

Acq: 03 Jun 2025 22:01

Instrument :

BNA_N

ClientSampleId :

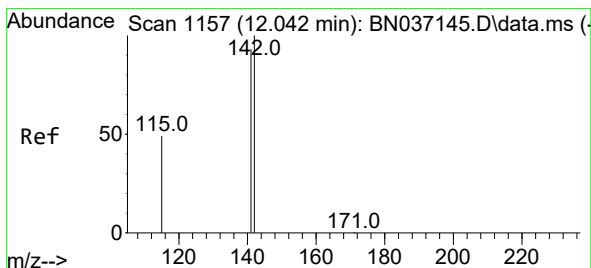
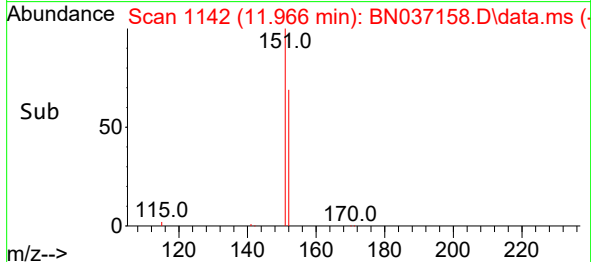
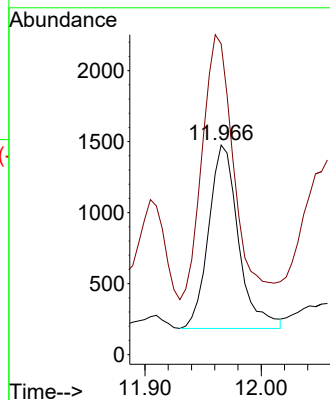
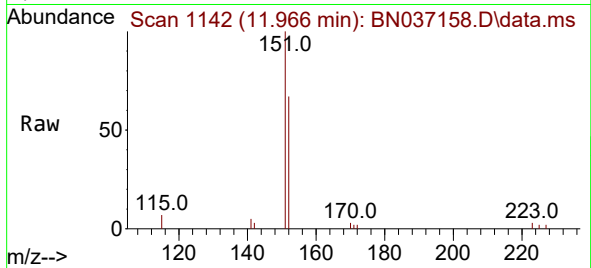
BP-VPB-182-GW-580-582

Tgt Ion:152 Resp: 2304

Ion Ratio Lower Upper

152 100

151 151.9 17.1 25.7#



#12

2-Methylnaphthalene

Concen: 0.023 ng

RT: 12.042 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BN037158.D

Acq: 03 Jun 2025 22:01

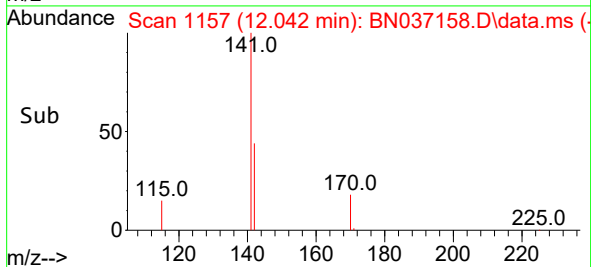
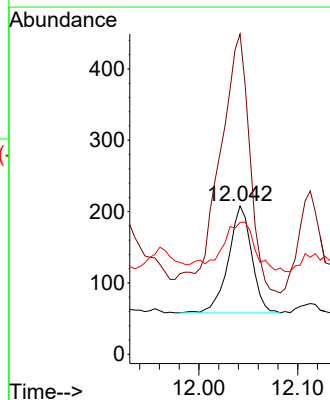
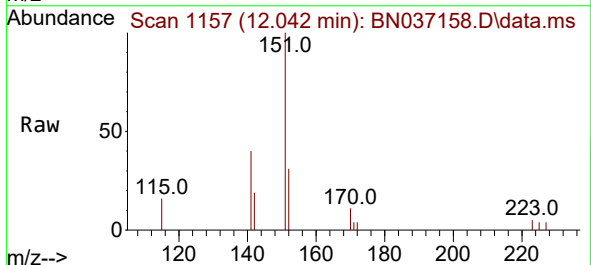
Tgt Ion:142 Resp: 246

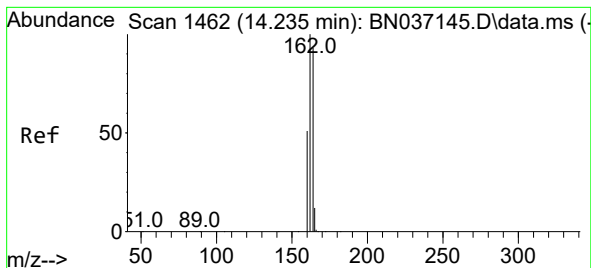
Ion Ratio Lower Upper

142 100

141 215.9 74.6 111.8#

115 88.9 41.0 61.4#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.235 min Scan# 1462

Delta R.T. -0.000 min

Lab File: BN037158.D

Acq: 03 Jun 2025 22:01

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-580-582

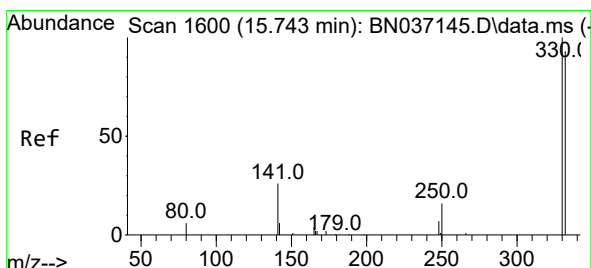
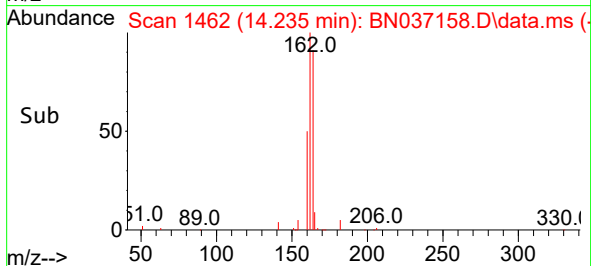
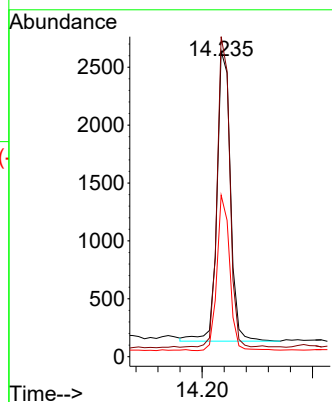
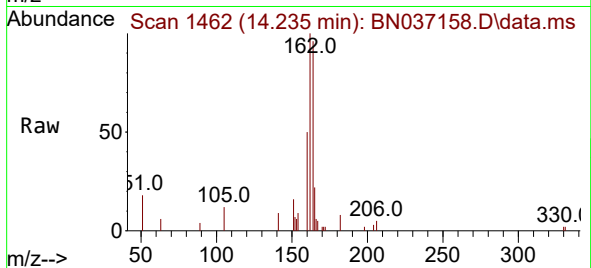
Tgt Ion:164 Resp: 4259

Ion Ratio Lower Upper

164 100

162 104.7 85.5 128.3

160 52.8 44.6 67.0



#14

2,4,6-Tribromophenol

Concen: 0.098 ng

RT: 15.743 min Scan# 1600

Delta R.T. -0.000 min

Lab File: BN037158.D

Acq: 03 Jun 2025 22:01

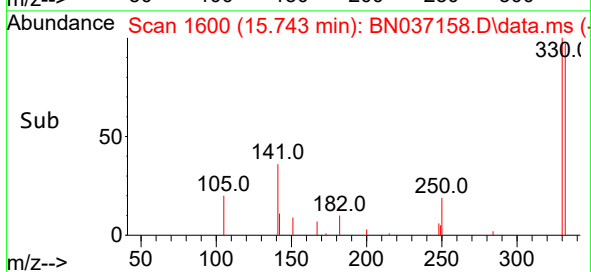
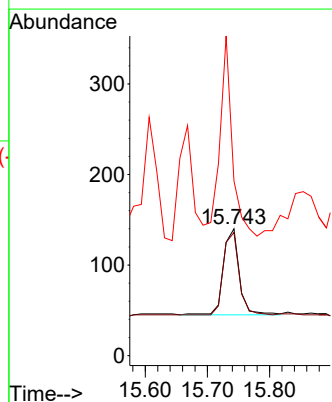
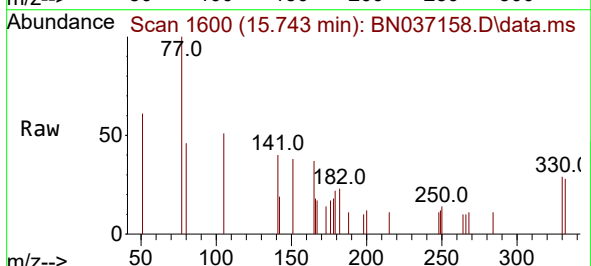
Tgt Ion:330 Resp: 168

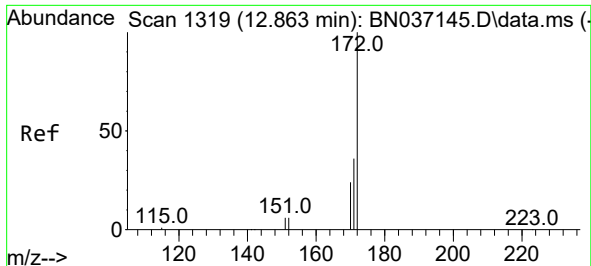
Ion Ratio Lower Upper

330 100

332 94.0 77.1 115.7

141 179.8 46.4 69.6#

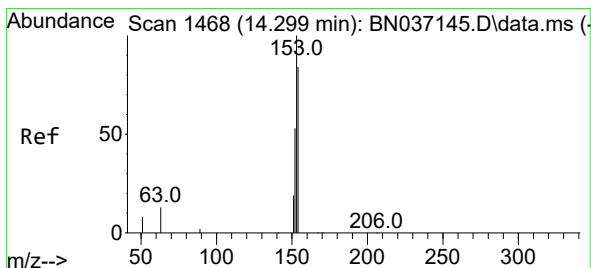
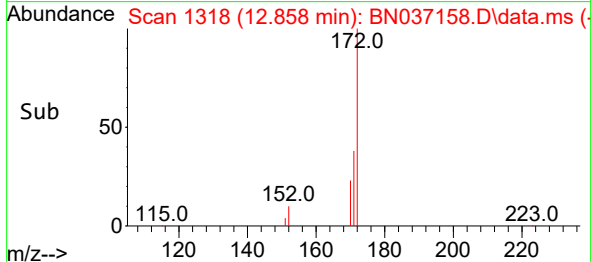
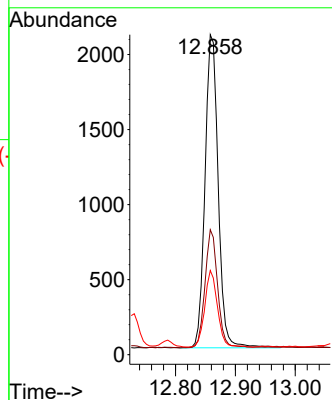
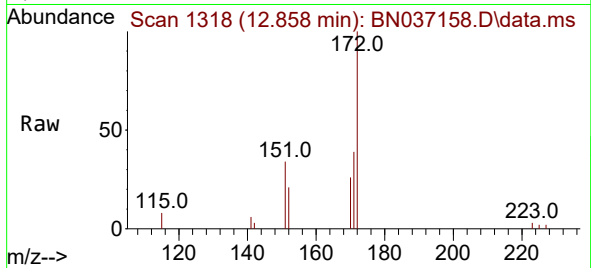




#15
2-Fluorobiphenyl
Concen: 0.176 ng
RT: 12.858 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037158.D
Acq: 03 Jun 2025 22:01

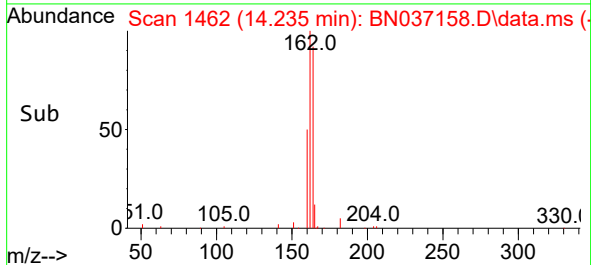
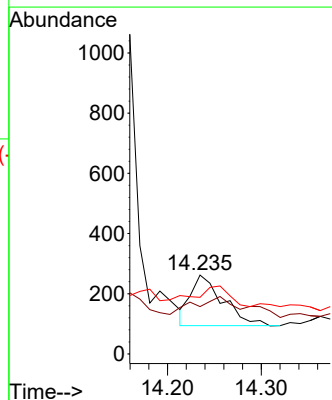
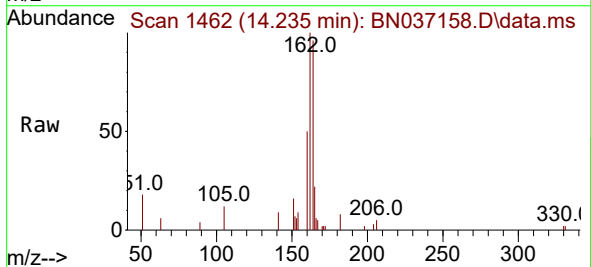
Instrument :
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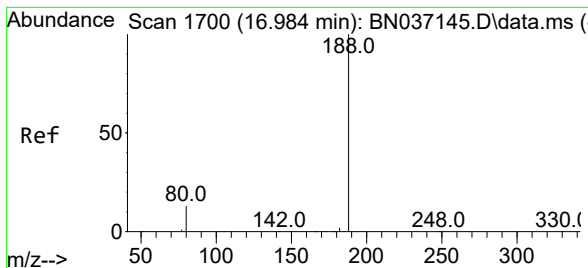
Tgt Ion:172 Resp: 3192
Ion Ratio Lower Upper
172 100
171 39.1 29.6 44.4
170 26.3 20.3 30.5



#17
Acenaphthene
Concen: 0.030 ng
RT: 14.235 min Scan# 1462
Delta R.T. -0.064 min
Lab File: BN037158.D
Acq: 03 Jun 2025 22:01

Tgt Ion:154 Resp: 400
Ion Ratio Lower Upper
154 100
153 0.0 93.8 140.8#
152 0.0 50.5 75.7#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.984 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN037158.D

Acq: 03 Jun 2025 22:01

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-580-582

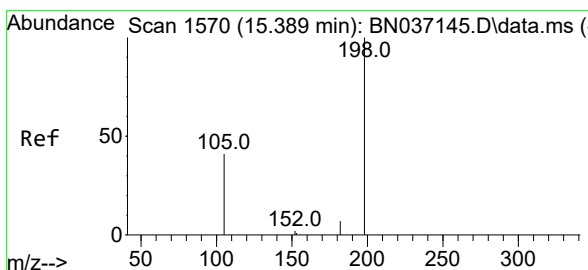
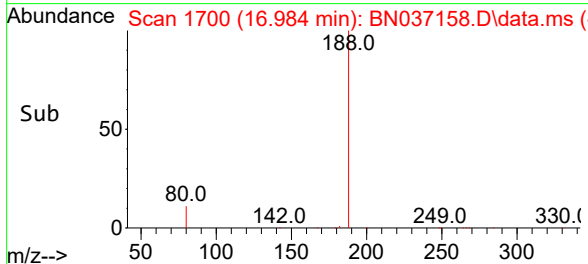
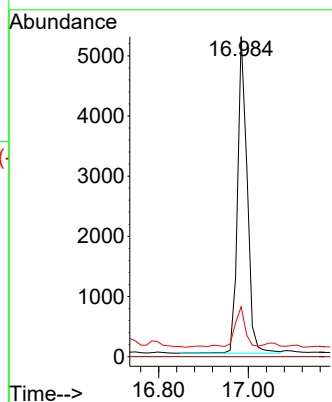
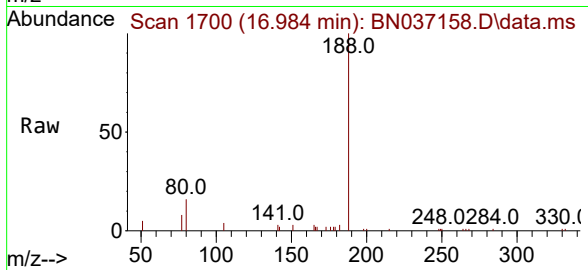
Tgt Ion:188 Resp: 7770

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.6 11.3 16.9



#20

4,6-Dinitro-2-methylphenol

Concen: 0.276 ng

RT: 15.411 min Scan# 1572

Delta R.T. 0.022 min

Lab File: BN037158.D

Acq: 03 Jun 2025 22:01

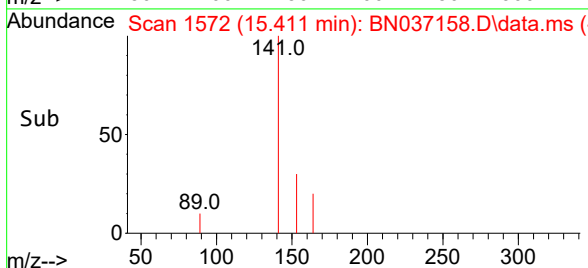
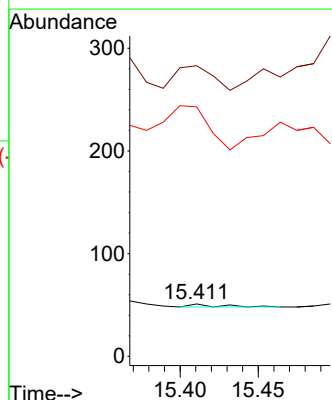
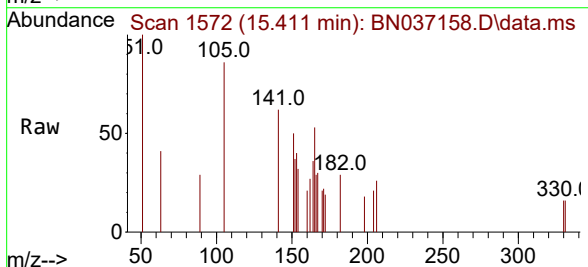
Tgt Ion:198 Resp: 4

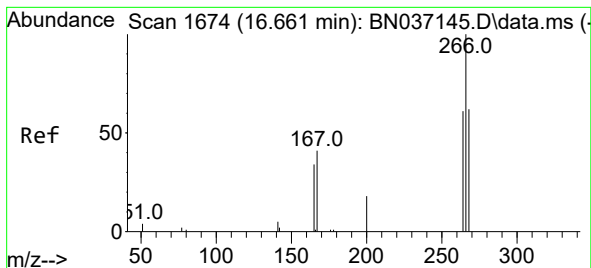
Ion Ratio Lower Upper

198 100

51 554.9 125.2 187.8#

105 476.5 57.1 85.7#





#24

Pentachlorophenol

Concen: 0.226 ng

RT: 16.649 min Scan# 1673

Delta R.T. -0.012 min

Lab File: BN037158.D

Acq: 03 Jun 2025 22:01

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-580-582

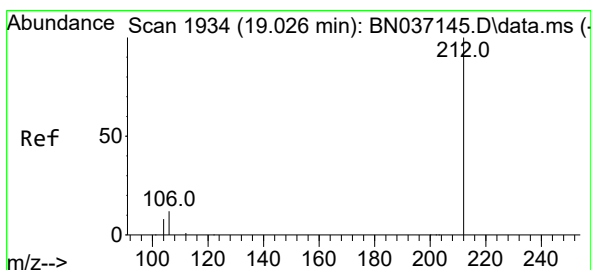
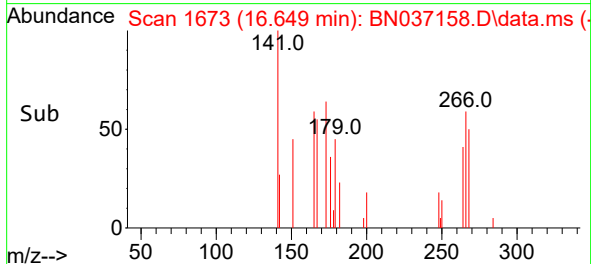
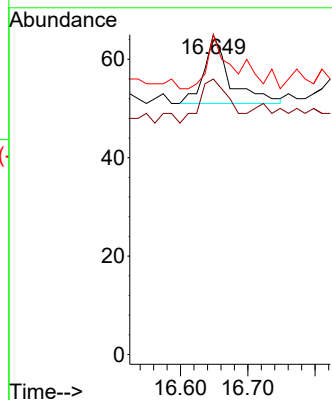
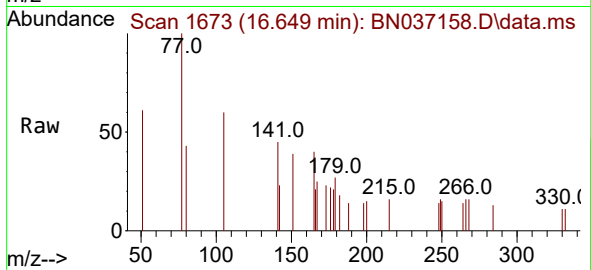
Tgt Ion:266 Resp: 37

Ion Ratio Lower Upper

266 100

264 75.7 49.3 73.9#

268 78.4 49.0 73.4#



#27

Fluoranthene-d10

Concen: 0.087 ng

RT: 19.026 min Scan# 1934

Delta R.T. -0.000 min

Lab File: BN037158.D

Acq: 03 Jun 2025 22:01

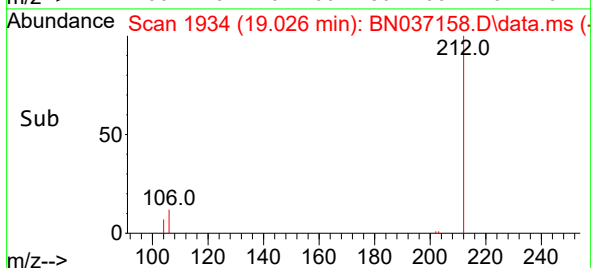
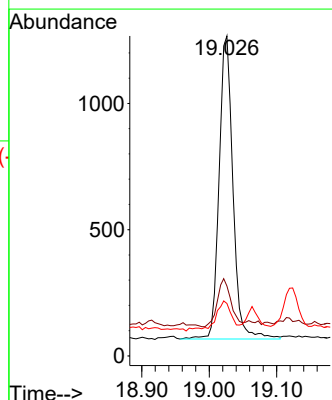
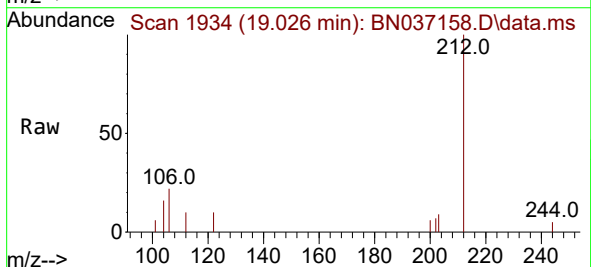
Tgt Ion:212 Resp: 1712

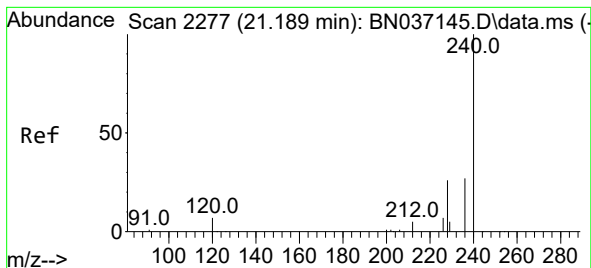
Ion Ratio Lower Upper

212 100

106 15.5 10.6 15.8

104 11.6 6.6 9.8#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.180 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037158.D

Acq: 03 Jun 2025 22:01

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-580-582

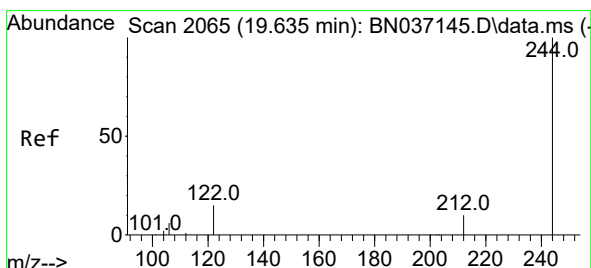
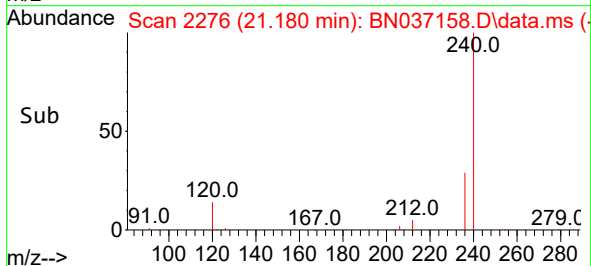
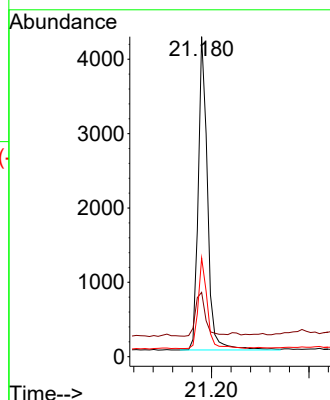
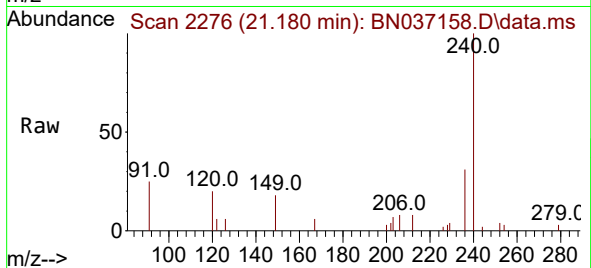
Tgt Ion:240 Resp: 5558

Ion Ratio Lower Upper

240 100

120 20.1 9.0 13.4#

236 30.9 23.0 34.4



#31

Terphenyl-d14

Concen: 0.115 ng

RT: 19.630 min Scan# 2064

Delta R.T. -0.005 min

Lab File: BN037158.D

Acq: 03 Jun 2025 22:01

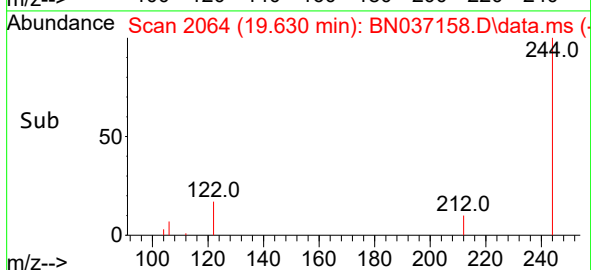
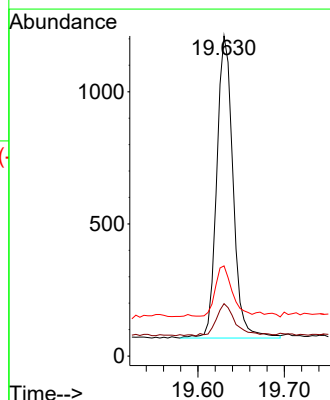
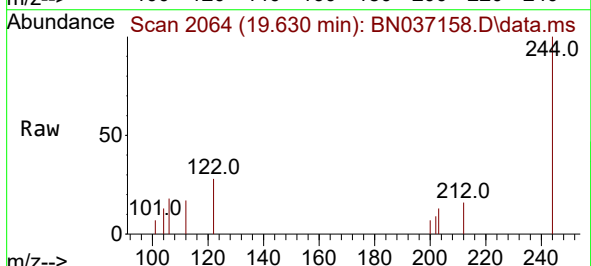
Tgt Ion:244 Resp: 1506

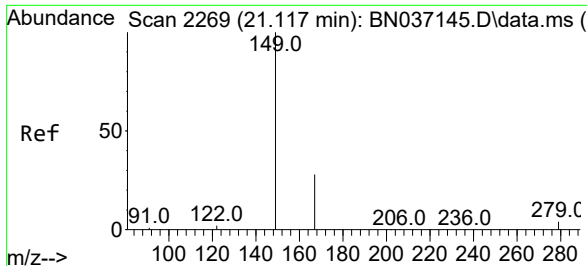
Ion Ratio Lower Upper

244 100

212 16.4 10.0 15.0#

122 28.2 13.2 19.8#

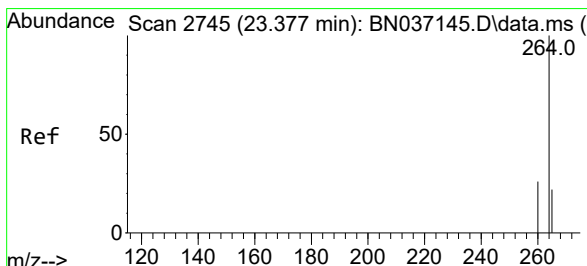
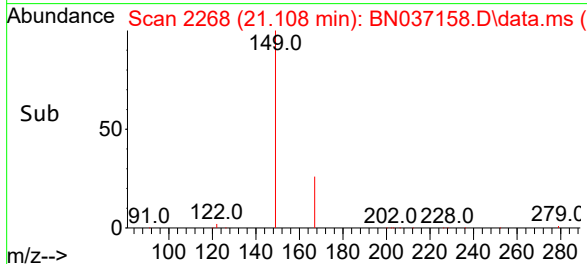
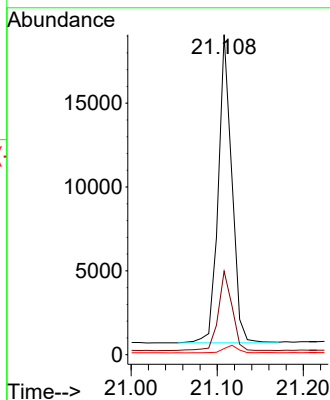
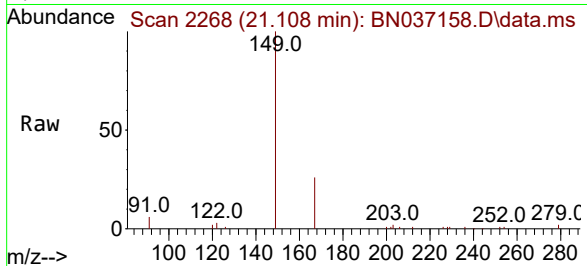




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.578 ng
 RT: 21.108 min Scan# 2110
 Delta R.T. -0.009 min
 Lab File: BN037158.D
 Acq: 03 Jun 2025 22:01

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-580-582

Tgt Ion:149 Resp: 20037
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.4
 279 2.6 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.371 min Scan# 2743
 Delta R.T. -0.006 min
 Lab File: BN037158.D
 Acq: 03 Jun 2025 22:01

Tgt Ion:264 Resp: 5158
 Ion Ratio Lower Upper
 264 100
 260 27.6 22.1 33.1
 265 67.2 55.8 83.8

