

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
 Data File : BN037174.D
 Acq On : 05 Jun 2025 10:55
 Operator : RC/JU
 Sample : Q2186-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-680-682

Quant Time: Jun 05 11:17:05 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)

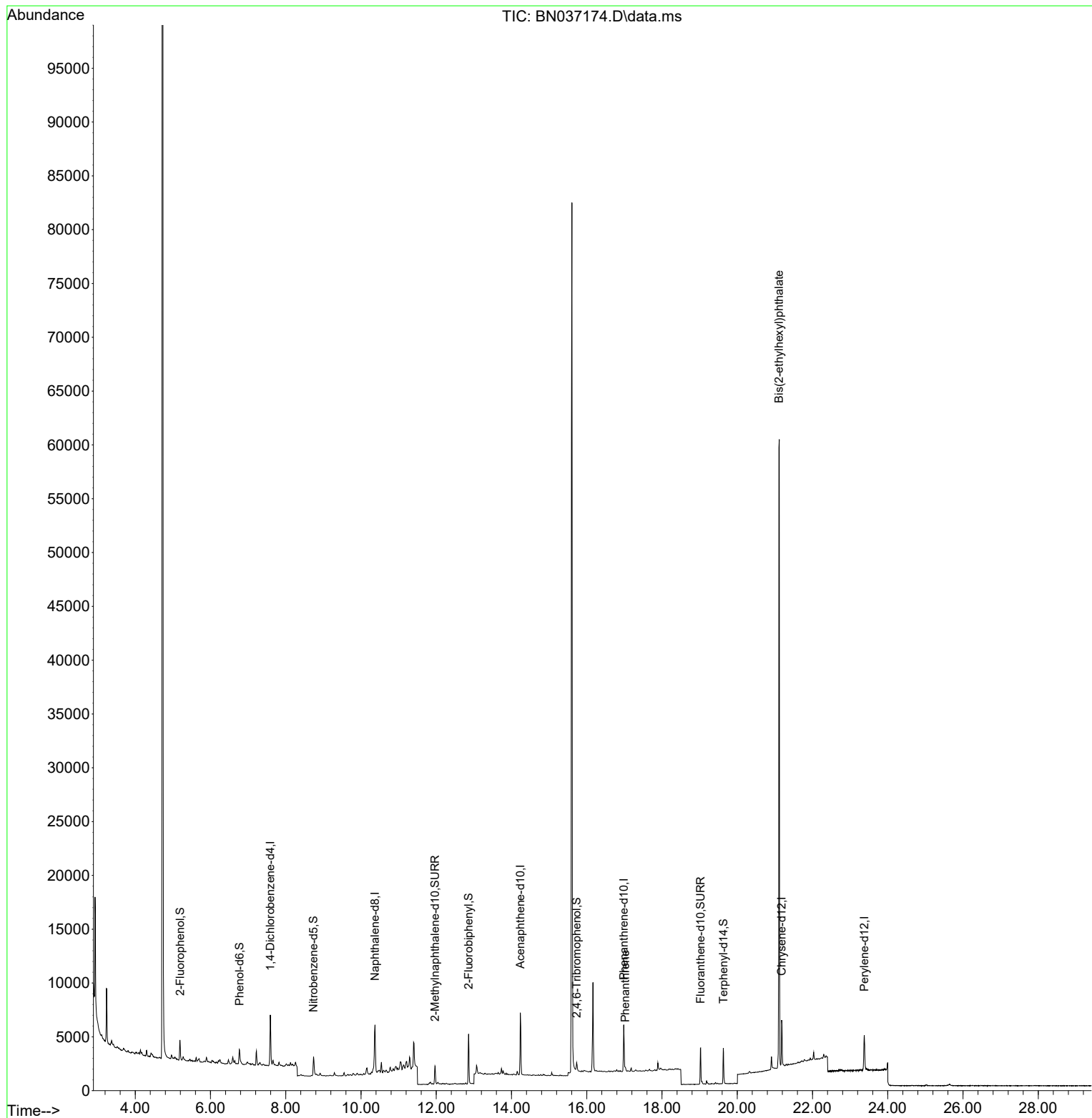
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2112	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	5405	0.400	ng	# 0.00
13) Acenaphthene-d10	14.235	164	3092	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	5642	0.400	ng	0.00
29) Chrysene-d12	21.180	240	4233	0.400	ng	# 0.00
35) Perylene-d12	23.374	264	4432	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	1213	0.232	ng	0.00
5) Phenol-d6	6.773	99	1170	0.185	ng	0.00
8) Nitrobenzene-d5	8.739	82	1647	0.289	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2331	0.310	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	392	0.315	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	4121	0.313	ng	0.00
27) Fluoranthene-d10	19.026	212	3858	0.269	ng	0.00
31) Terphenyl-d14	19.630	244	3082	0.309	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.021	178	414	0.023	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.108	149	58107	6.010	ng	# 98

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

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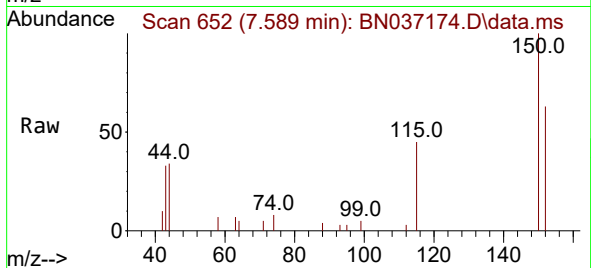
Quant Time: Jun 05 11:17:05 2025
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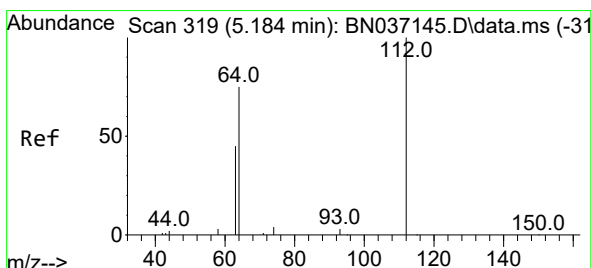
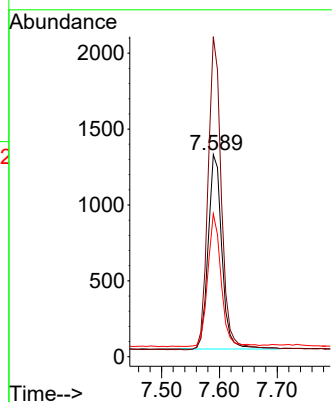
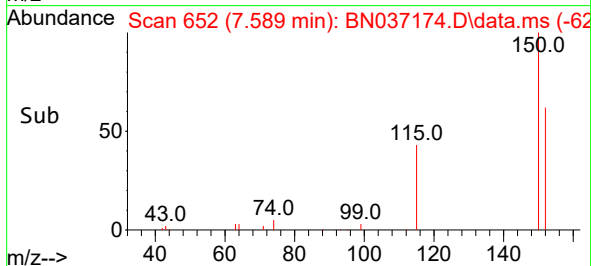


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN037174.D
Acq: 05 Jun 2025 10:55

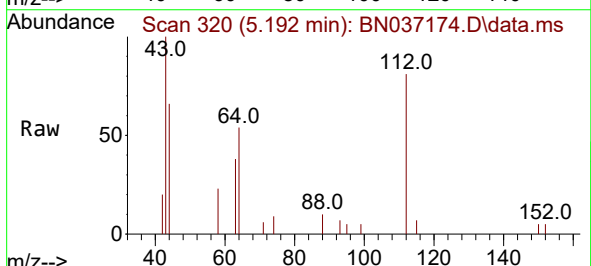
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-680-682



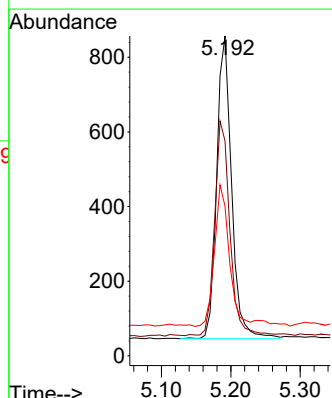
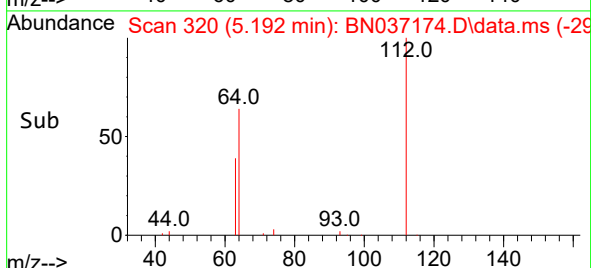
Tgt Ion:152 Resp: 2112
Ion Ratio Lower Upper
152 100
150 158.3 123.2 184.8
115 70.7 56.6 85.0

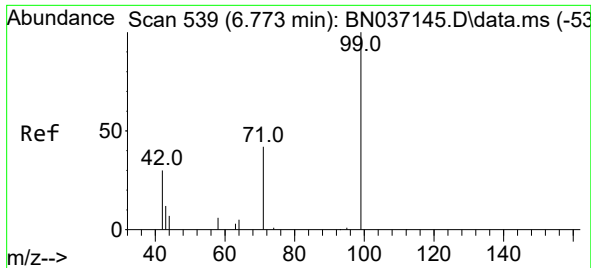


#4
2-Fluorophenol
Concen: 0.232 ng
RT: 5.192 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN037174.D
Acq: 05 Jun 2025 10:55



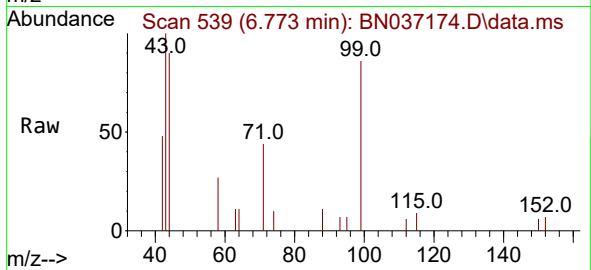
Tgt Ion:112 Resp: 1213
Ion Ratio Lower Upper
112 100
64 72.3 56.3 84.5
63 46.2 36.2 54.4



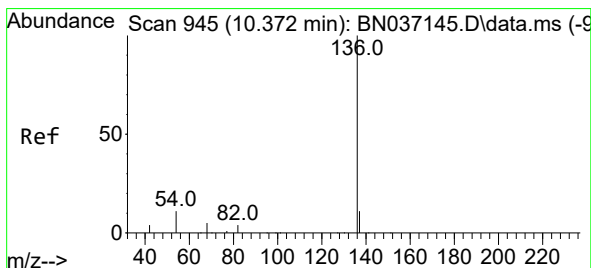
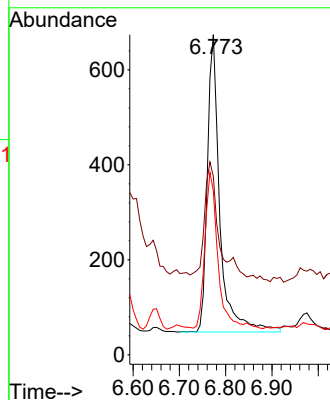
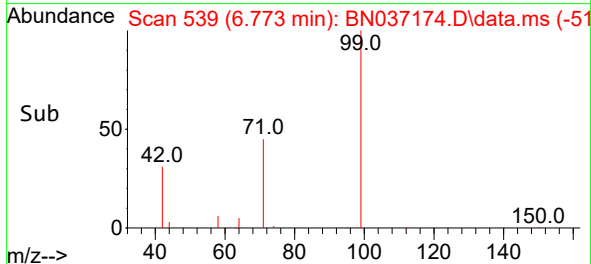


#5
Phenol-d6
Concen: 0.185 ng
RT: 6.773 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN037174.D
Acq: 05 Jun 2025 10:55

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-680-682

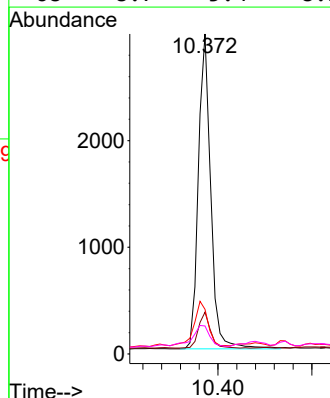
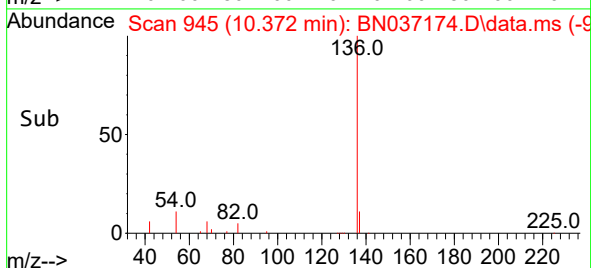
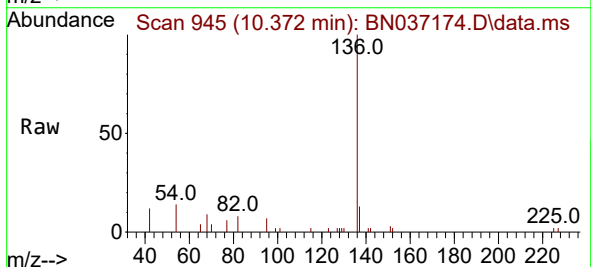


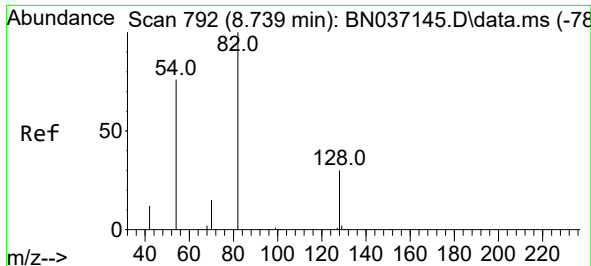
Tgt Ion: 99 Resp: 1170
Ion Ratio Lower Upper
99 100
42 36.2 31.3 46.9
71 55.3 38.2 57.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037174.D
Acq: 05 Jun 2025 10:55

Tgt Ion: 136 Resp: 5405
Ion Ratio Lower Upper
136 100
137 13.0 9.7 14.5
54 14.0 9.7 14.5
68 8.7 5.4 8.2

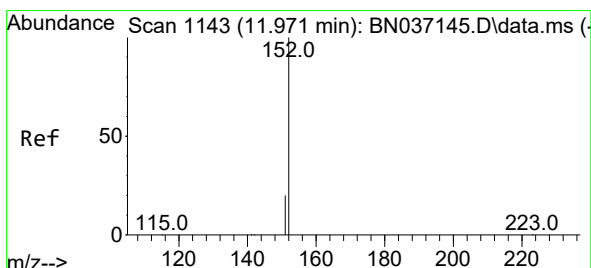
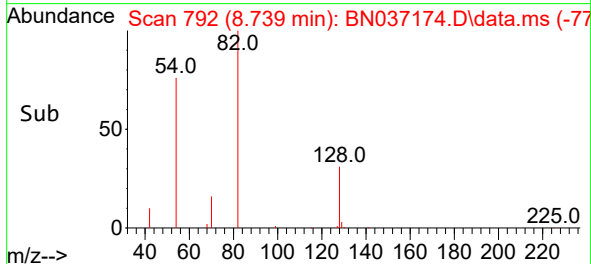
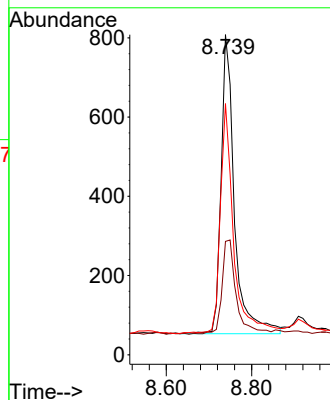
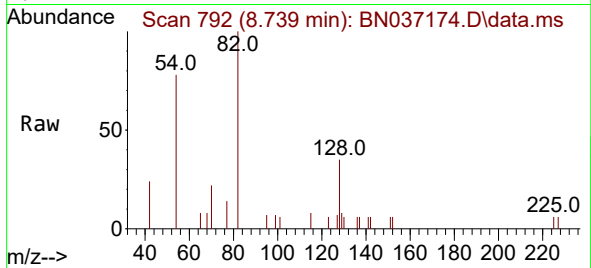




#8
 Nitrobenzene-d5
 Concen: 0.289 ng
 RT: 8.739 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: BN037174.D
 Acq: 05 Jun 2025 10:55

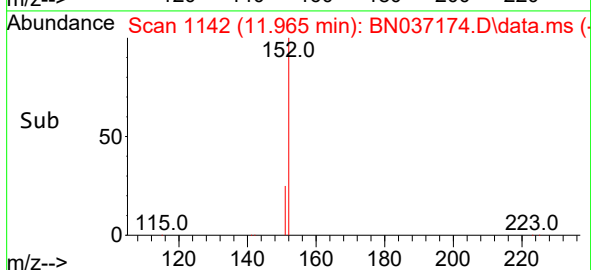
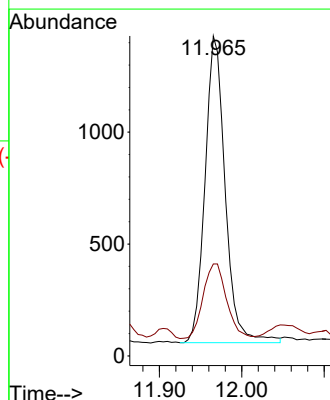
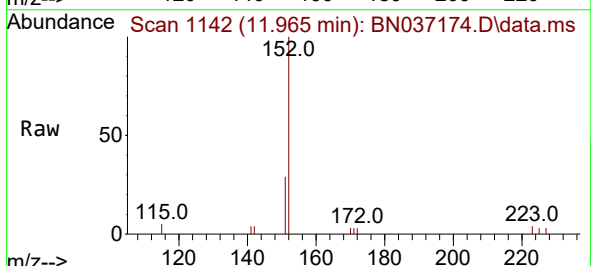
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-680-682

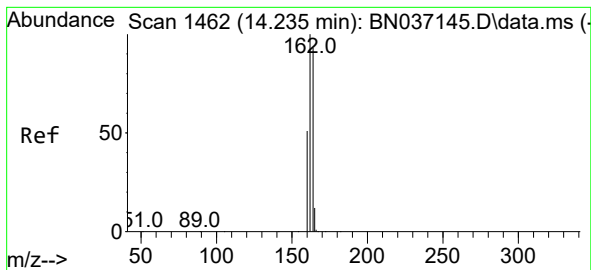
Tgt Ion: 82 Resp: 1647
 Ion Ratio Lower Upper
 82 100
 128 35.4 26.9 40.3
 54 78.5 61.4 92.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.310 ng
 RT: 11.965 min Scan# 1142
 Delta R.T. -0.005 min
 Lab File: BN037174.D
 Acq: 05 Jun 2025 10:55

Tgt Ion: 152 Resp: 2331
 Ion Ratio Lower Upper
 152 100
 151 28.2 17.1 25.7#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.235 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN037174.D

Acq: 05 Jun 2025 10:55

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-680-682

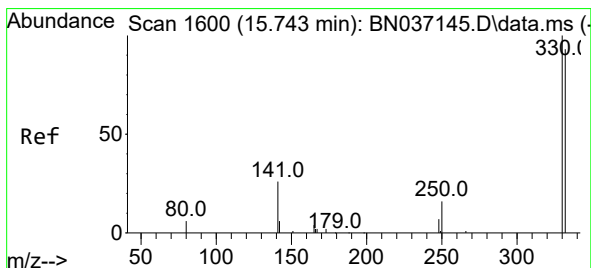
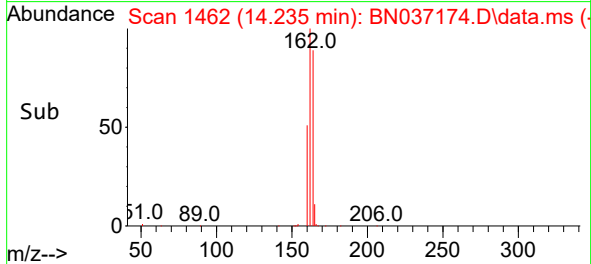
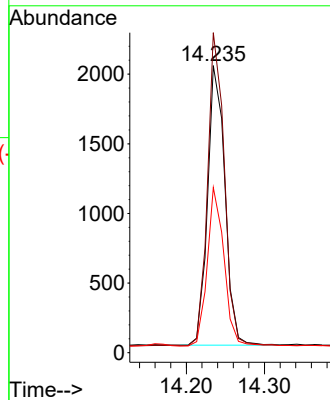
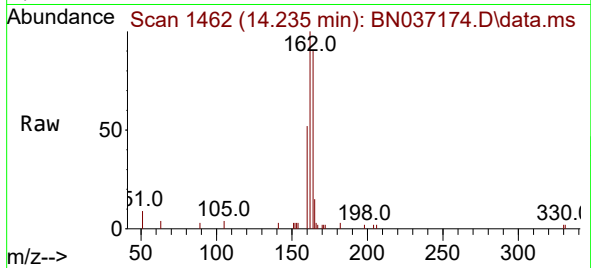
Tgt Ion:164 Resp: 3092

Ion Ratio Lower Upper

164 100

162 111.5 85.5 128.3

160 57.5 44.6 67.0



#14

2,4,6-Tribromophenol

Concen: 0.315 ng

RT: 15.730 min Scan# 1599

Delta R.T. -0.013 min

Lab File: BN037174.D

Acq: 05 Jun 2025 10:55

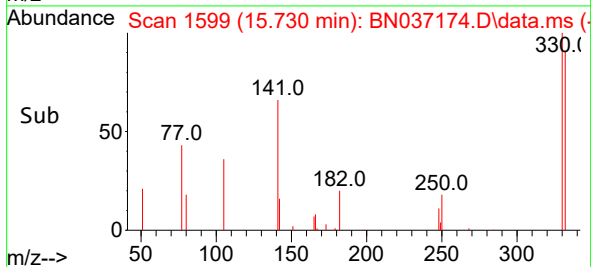
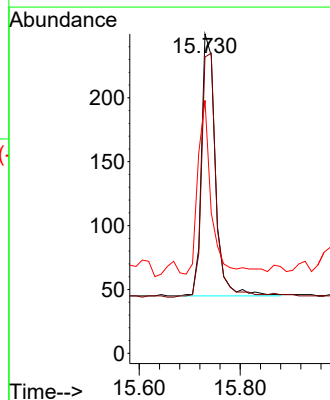
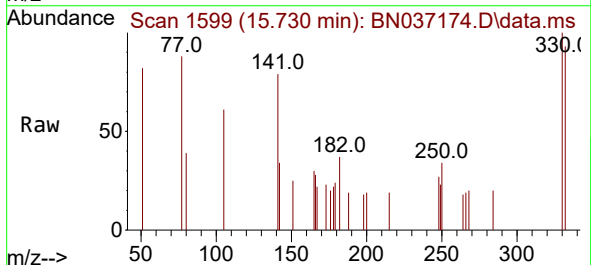
Tgt Ion:330 Resp: 392

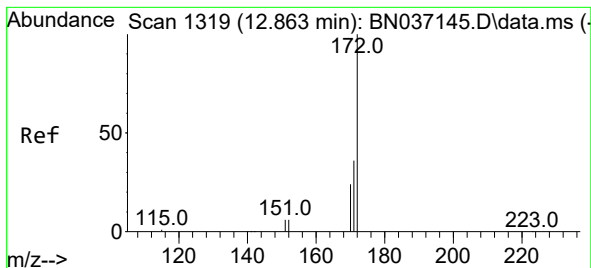
Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 65.6 46.4 69.6





#15

2-Fluorobiphenyl

Concen: 0.313 ng

RT: 12.858 min Scan# 11

Delta R.T. -0.005 min

Lab File: BN037174.D

Acq: 05 Jun 2025 10:55

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-680-682

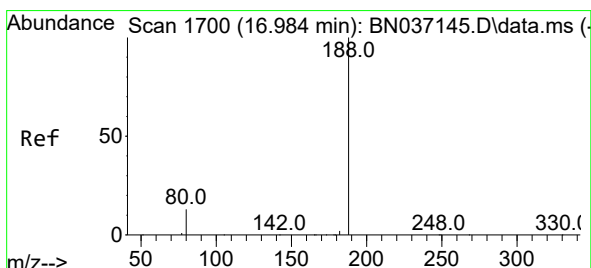
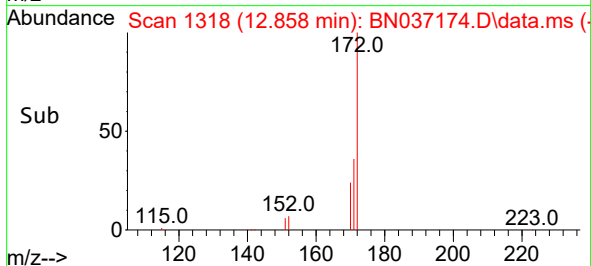
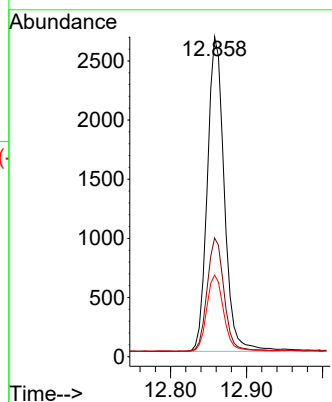
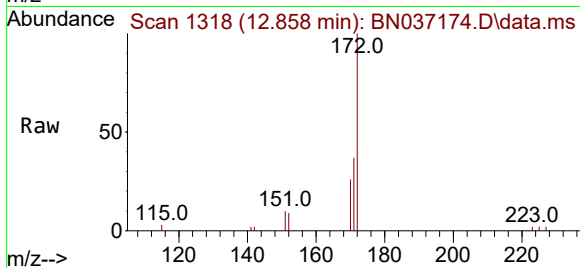
Tgt Ion:172 Resp: 4121

Ion Ratio Lower Upper

172 100

171 37.1 29.6 44.4

170 25.5 20.3 30.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.984 min Scan# 1700

Delta R.T. -0.000 min

Lab File: BN037174.D

Acq: 05 Jun 2025 10:55

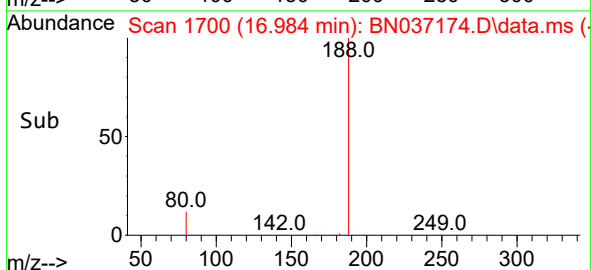
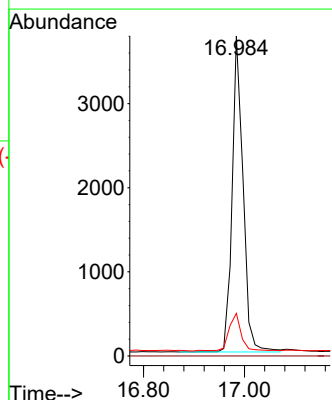
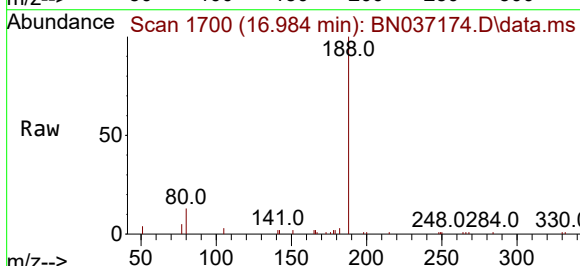
Tgt Ion:188 Resp: 5642

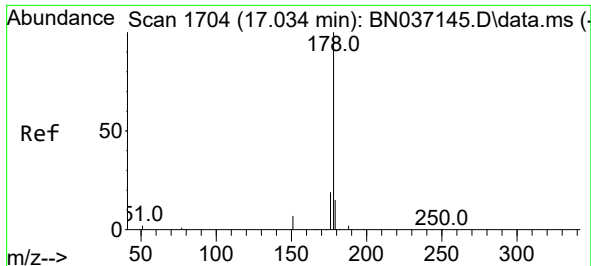
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.3 11.3 16.9

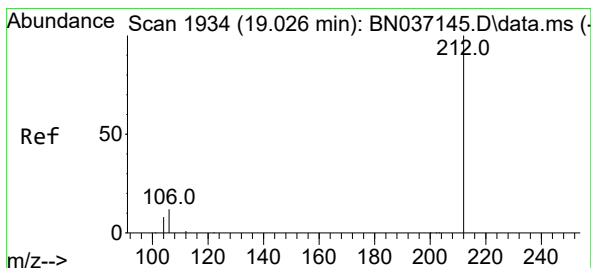
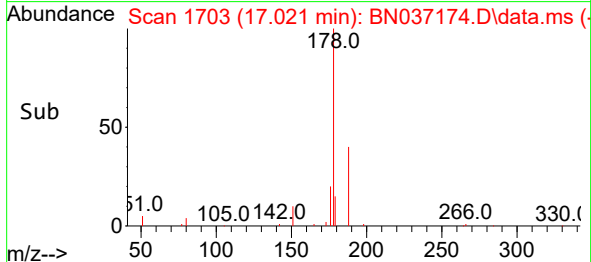
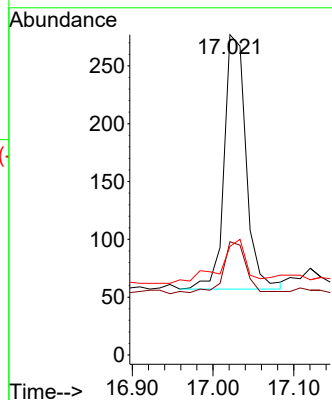
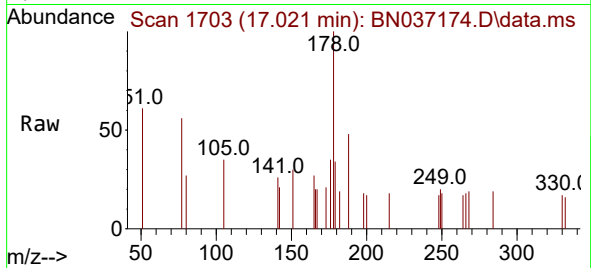




#25
Phenanthrene
Concen: 0.023 ng
RT: 17.021 min Scan# 1703
Delta R.T. -0.013 min
Lab File: BN037174.D
Acq: 05 Jun 2025 10:55

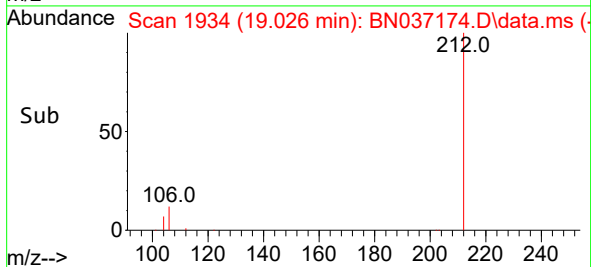
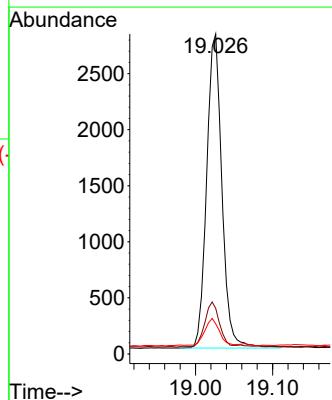
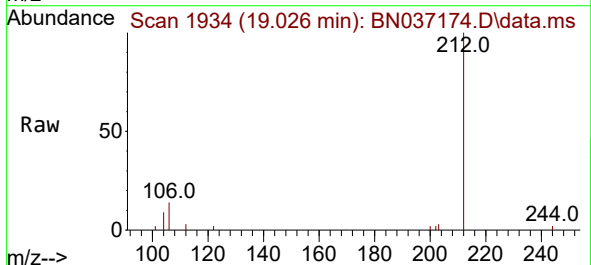
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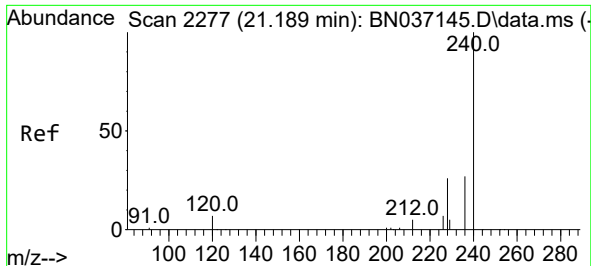
Tgt Ion:178 Resp: 414
Ion Ratio Lower Upper
178 100
176 22.2 15.7 23.5
179 20.8 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.269 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037174.D
Acq: 05 Jun 2025 10:55

Tgt Ion:212 Resp: 3858
Ion Ratio Lower Upper
212 100
106 13.8 10.6 15.8
104 8.4 6.6 9.8

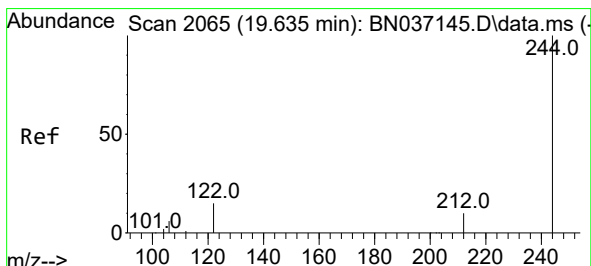
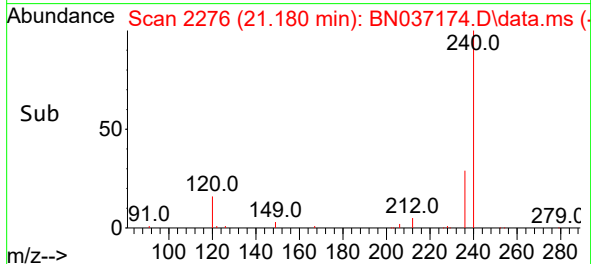
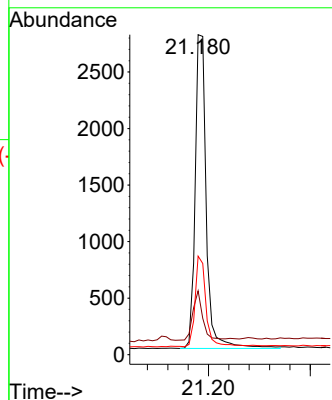
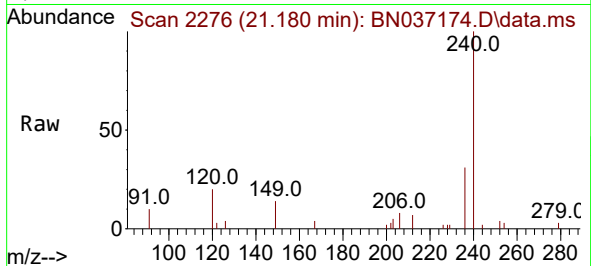




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 21180
Delta R.T. -0.009 min
Lab File: BN037174.D
Acq: 05 Jun 2025 10:55

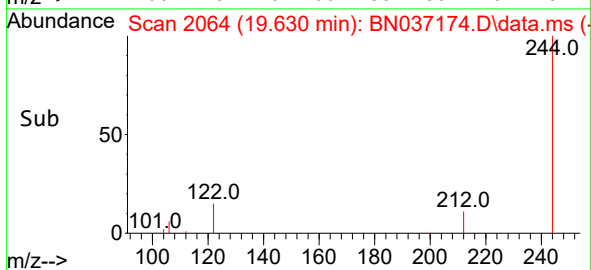
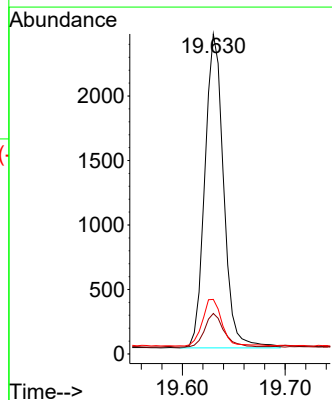
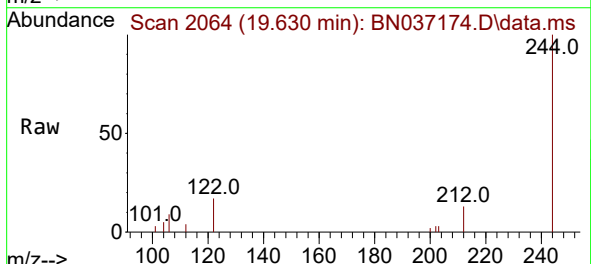
Instrument :
BNA_N
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BP-VPB-182-GW-680-682

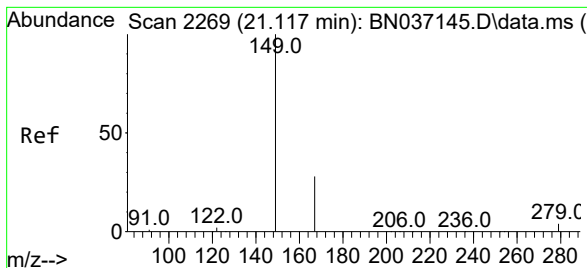
Tgt Ion:240 Resp: 4233
Ion Ratio Lower Upper
240 100
120 20.0 9.0 13.4#
236 30.8 23.0 34.4



#31
Terphenyl-d14
Concen: 0.309 ng
RT: 19.630 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN037174.D
Acq: 05 Jun 2025 10:55

Tgt Ion:244 Resp: 3082
Ion Ratio Lower Upper
244 100
212 12.7 10.0 15.0
122 17.1 13.2 19.8





#34

Bis(2-ethylhexyl)phthalate

Concen: 6.010 ng

RT: 21.108 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037174.D

Acq: 05 Jun 2025 10:55

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-680-682

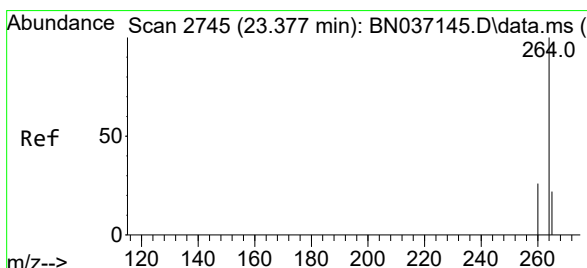
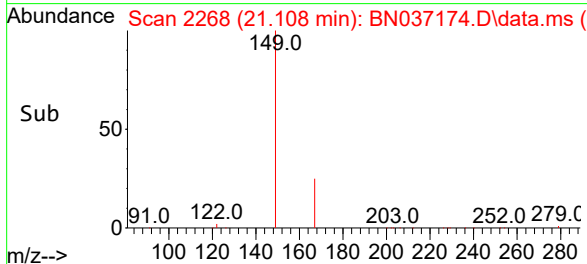
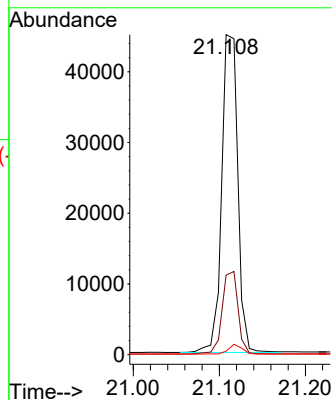
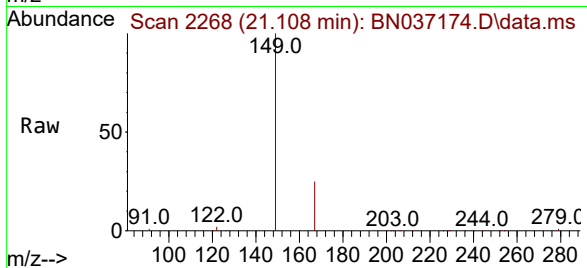
Tgt Ion:149 Resp: 58107

Ion Ratio Lower Upper

149 100

167 25.5 21.0 31.4

279 2.6 2.9 4.3#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.374 min Scan# 2744

Delta R.T. -0.003 min

Lab File: BN037174.D

Acq: 05 Jun 2025 10:55

Tgt Ion:264 Resp: 4432

Ion Ratio Lower Upper

264 100

260 27.2 22.1 33.1

265 62.6 55.8 83.8

