

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060325\
 Data File : BN037159.D
 Acq On : 03 Jun 2025 22:37
 Operator : RC/JU
 Sample : Q2162-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-620-622

Quant Time: Jun 04 02:18:06 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)

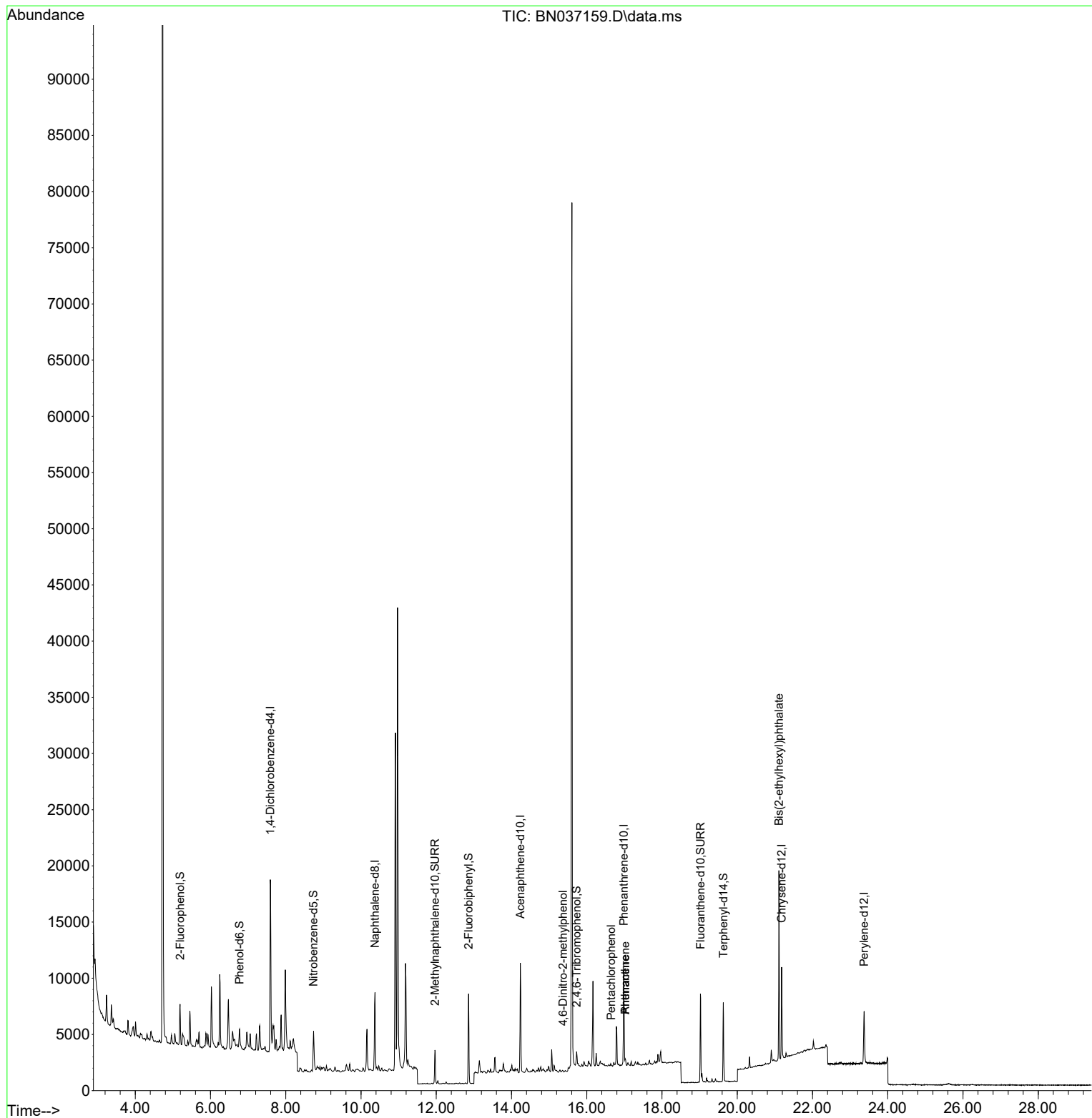
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	3162	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	8760	0.400	ng	0.00
13) Acenaphthene-d10	14.234	164	5205	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	10120	0.400	ng	0.00
29) Chrysene-d12	21.180	240	7222	0.400	ng	# 0.00
35) Perylene-d12	23.371	264	6119	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	1696	0.217	ng	0.00
5) Phenol-d6	6.773	99	1393	0.147	ng	0.00
8) Nitrobenzene-d5	8.739	82	2852	0.309	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	4028	0.330	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	637	0.304	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	6722	0.303	ng	0.00
27) Fluoranthene-d10	19.021	212	8367	0.325	ng	0.00
31) Terphenyl-d14	19.630	244	6355	0.374	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.368	198	1	0.275	ng	# 1
24) Pentachlorophenol	16.649	266	34	0.223	ng	# 85
25) Phenanthrene	17.021	178	658	0.020	ng	# 87
26) Anthracene	17.021	178	629	0.021	ng	96
34) Bis(2-ethylhexyl)phtha...	21.108	149	13905	0.843	ng	# 99

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

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Misc :
ALS Vial : 5 Sample Multiplier: 1

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BP-VPB-182-GW-620-622

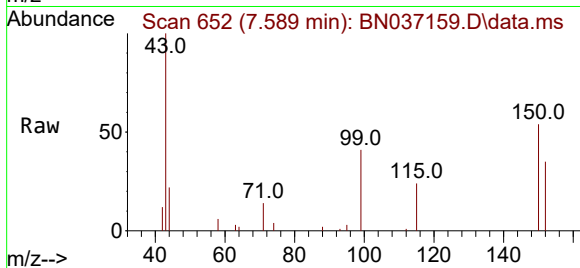
Quant Time: Jun 04 02:18:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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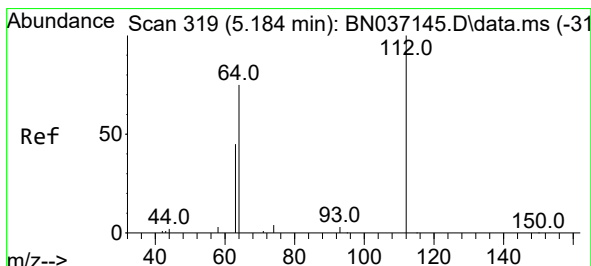
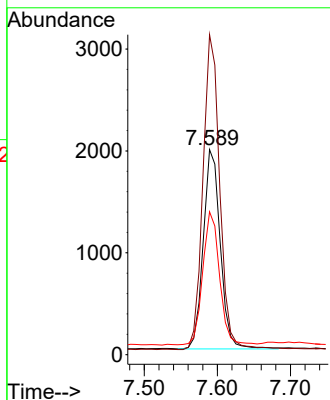
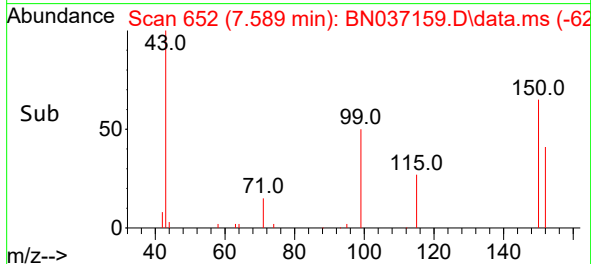


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037159.D
 Acq: 03 Jun 2025 22:37

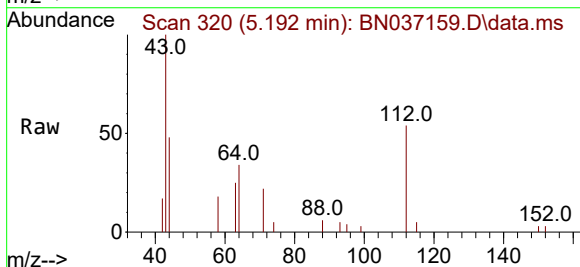
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-620-622



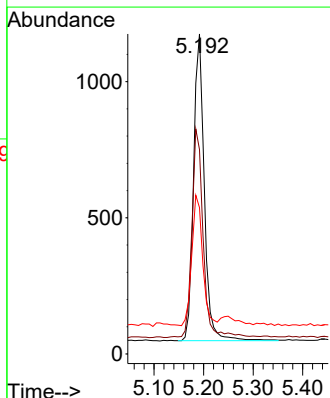
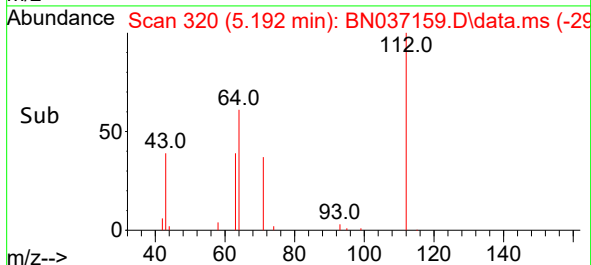
Tgt Ion:152 Resp: 3162
 Ion Ratio Lower Upper
 152 100
 150 156.0 123.2 184.8
 115 69.7 56.6 85.0

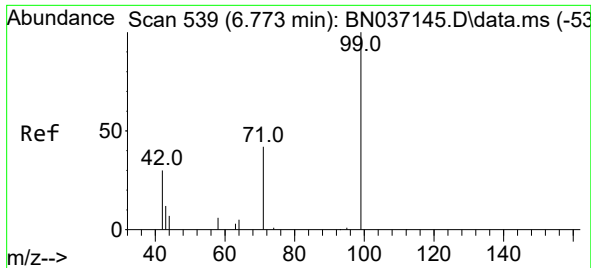


#4
 2-Fluorophenol
 Concen: 0.217 ng
 RT: 5.192 min Scan# 320
 Delta R.T. 0.007 min
 Lab File: BN037159.D
 Acq: 03 Jun 2025 22:37



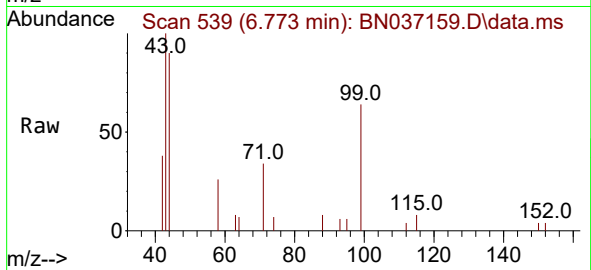
Tgt Ion:112 Resp: 1696
 Ion Ratio Lower Upper
 112 100
 64 70.9 56.3 84.5
 63 42.8 36.2 54.4



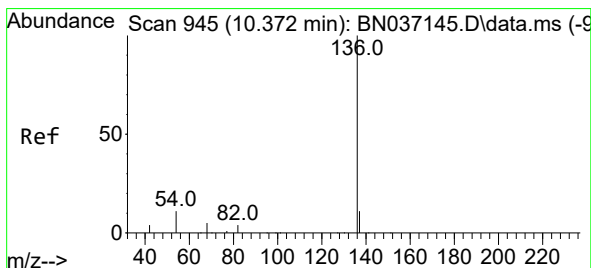
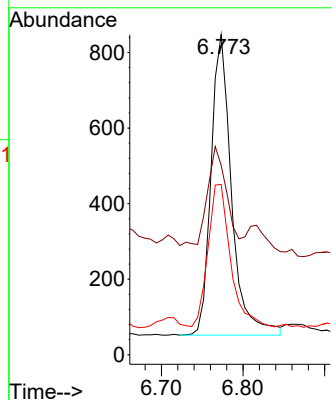
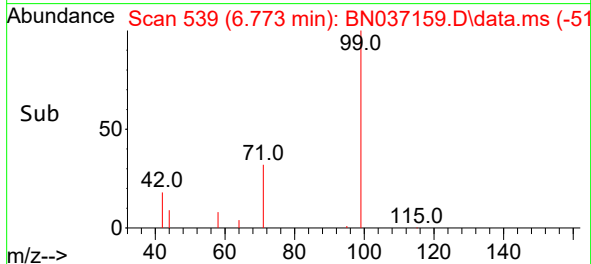


#5
Phenol-d6
Concen: 0.147 ng
RT: 6.773 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN037159.D
Acq: 03 Jun 2025 22:37

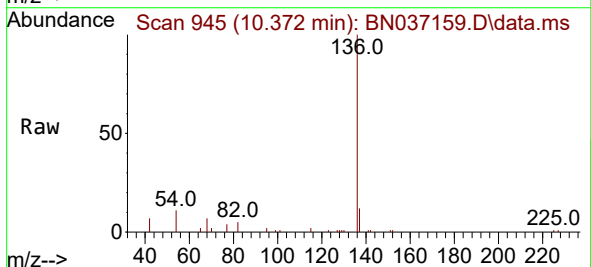
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-620-622



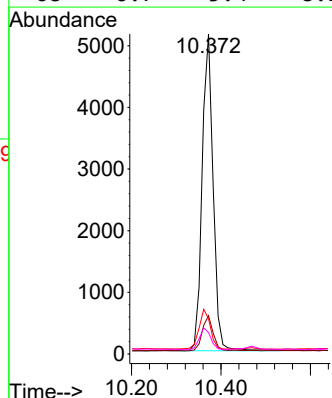
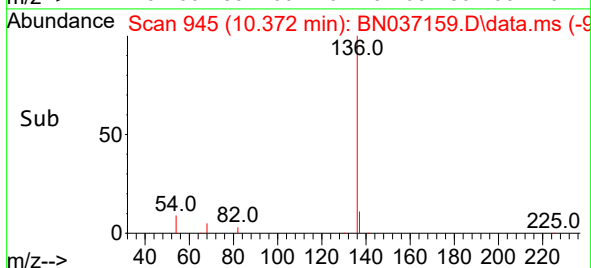
Tgt Ion: 99 Resp: 1393
Ion Ratio Lower Upper
99 100
42 32.2 31.3 46.9
71 52.0 38.2 57.2

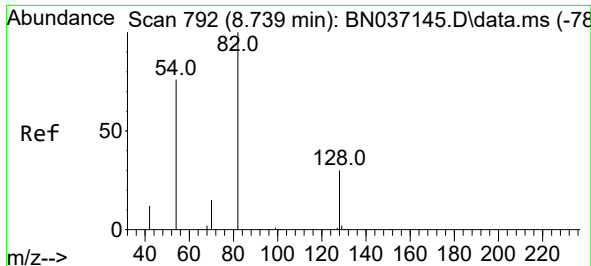


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037159.D
Acq: 03 Jun 2025 22:37



Tgt Ion: 136 Resp: 8760
Ion Ratio Lower Upper
136 100
137 12.0 9.7 14.5
54 11.0 9.7 14.5
68 6.7 5.4 8.2





#8

Nitrobenzene-d5

Concen: 0.309 ng

RT: 8.739 min Scan# 792

Delta R.T. -0.000 min

Lab File: BN037159.D

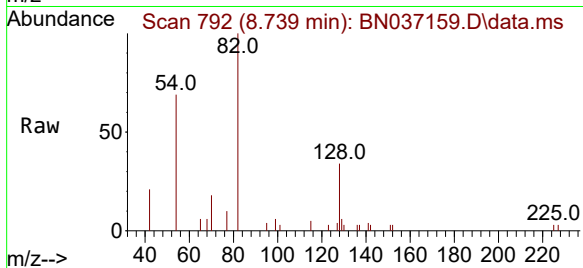
Acq: 03 Jun 2025 22:37

Instrument :

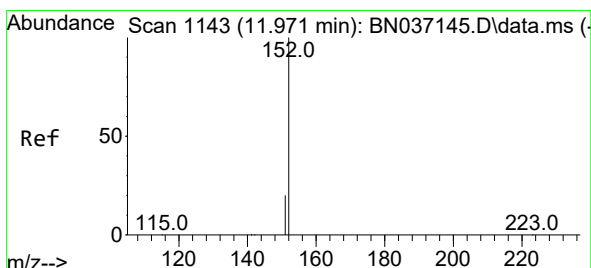
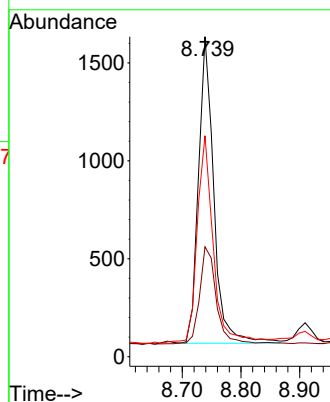
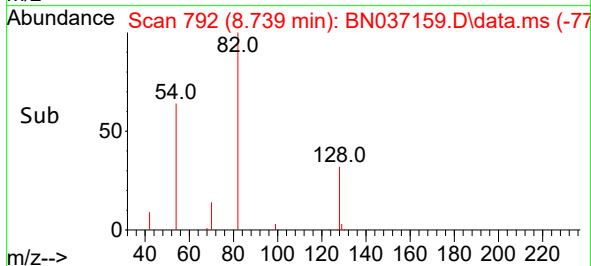
BNA_N

ClientSampleId :

BP-VPB-182-GW-620-622



Tgt Ion:	82	Resp:	2852
Ion	Ratio	Lower	Upper
82	100		
128	34.3	26.9	40.3
54	69.0	61.4	92.2



#11

2-Methylnaphthalene-d10

Concen: 0.330 ng

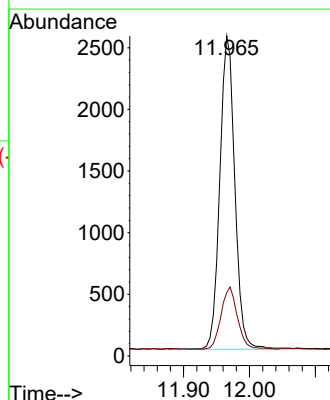
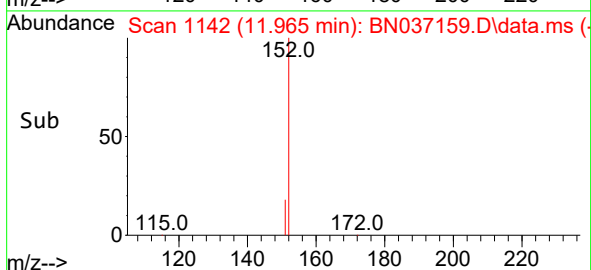
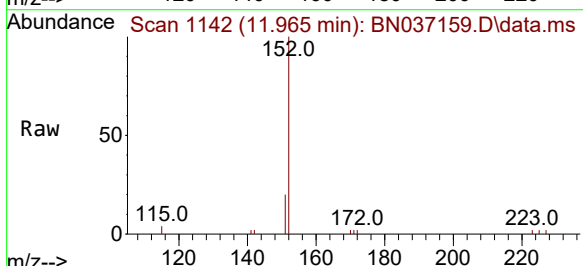
RT: 11.965 min Scan# 1142

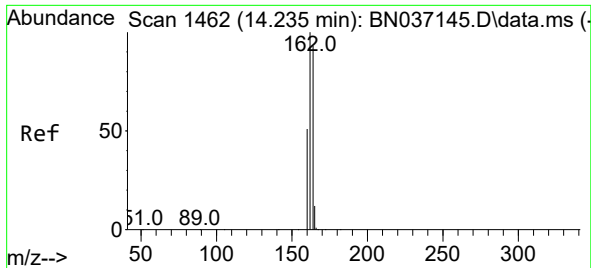
Delta R.T. -0.005 min

Lab File: BN037159.D

Acq: 03 Jun 2025 22:37

Tgt Ion:	152	Resp:	4028
Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.1	25.7

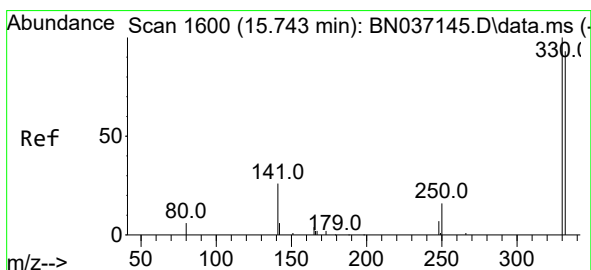
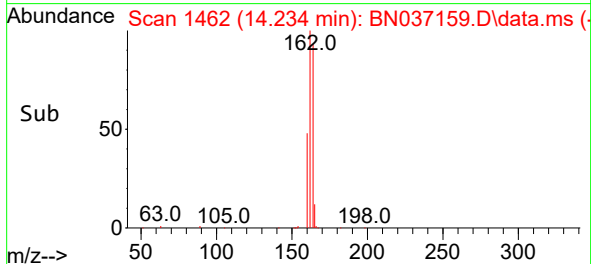
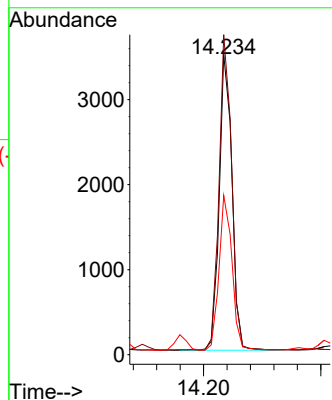
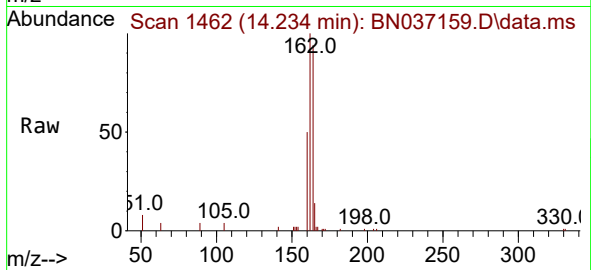




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.234 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037159.D
Acq: 03 Jun 2025 22:37

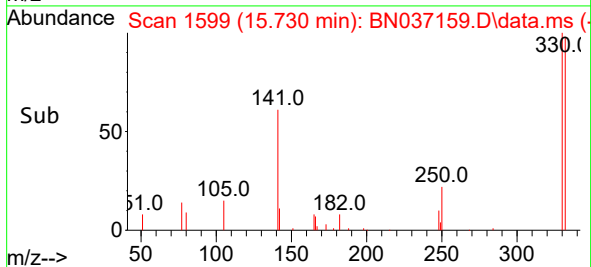
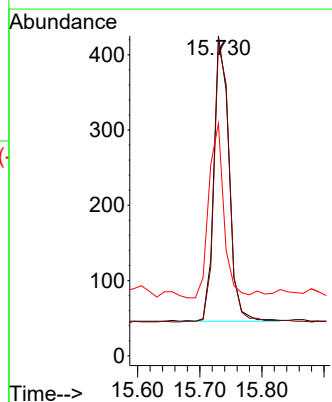
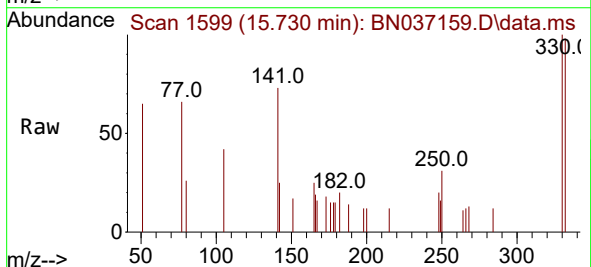
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-620-622

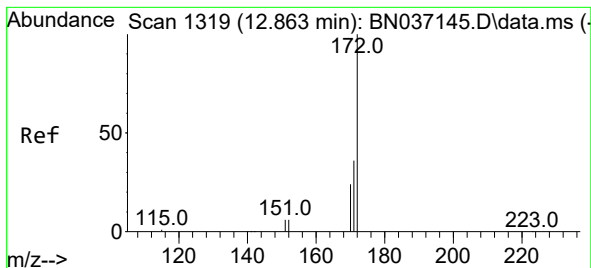
Tgt Ion:164 Resp: 5205
Ion Ratio Lower Upper
164 100
162 106.5 85.5 128.3
160 53.0 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.304 ng
RT: 15.730 min Scan# 1599
Delta R.T. -0.013 min
Lab File: BN037159.D
Acq: 03 Jun 2025 22:37

Tgt Ion:330 Resp: 637
Ion Ratio Lower Upper
330 100
332 100.0 77.1 115.7
141 61.5 46.4 69.6





#15

2-Fluorobiphenyl

Concen: 0.303 ng

RT: 12.858 min Scan# 11

Delta R.T. -0.005 min

Lab File: BN037159.D

Acq: 03 Jun 2025 22:37

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-620-622

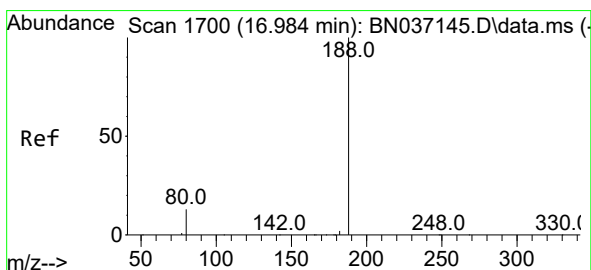
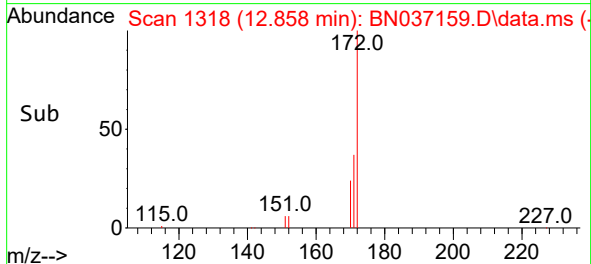
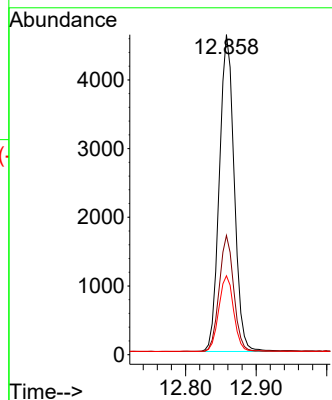
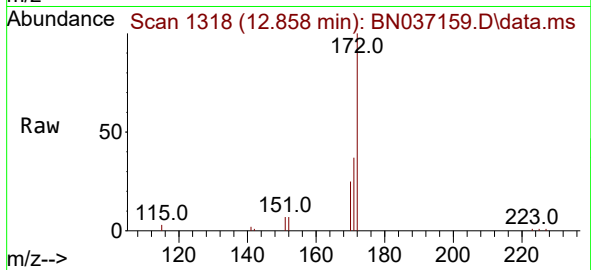
Tgt Ion:172 Resp: 6722

Ion Ratio Lower Upper

172 100

171 37.3 29.6 44.4

170 24.6 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: BN037159.D

Acq: 03 Jun 2025 22:37

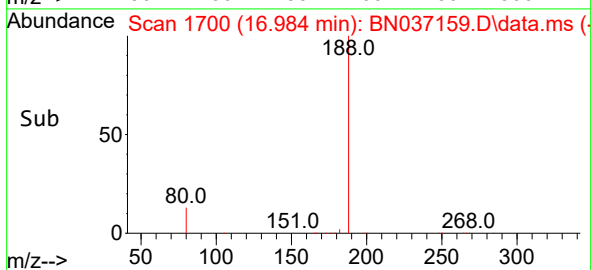
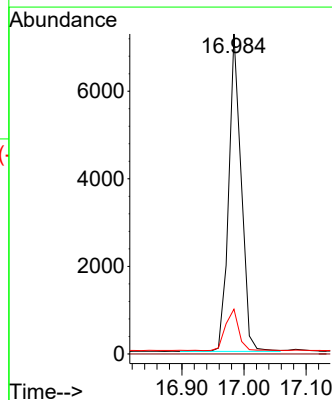
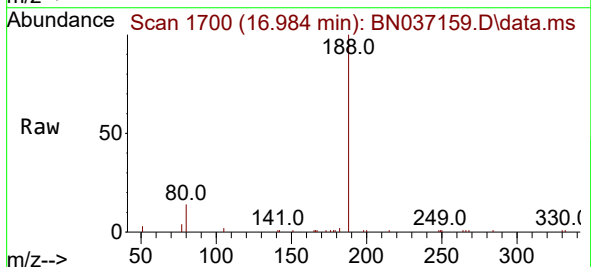
Tgt Ion:188 Resp: 10120

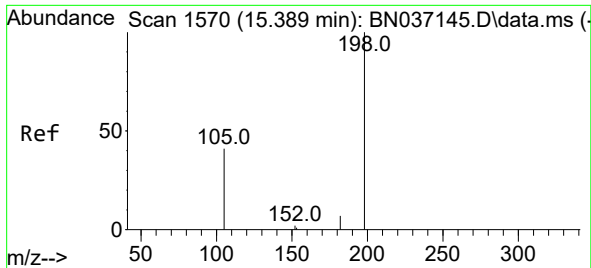
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.0 11.3 16.9

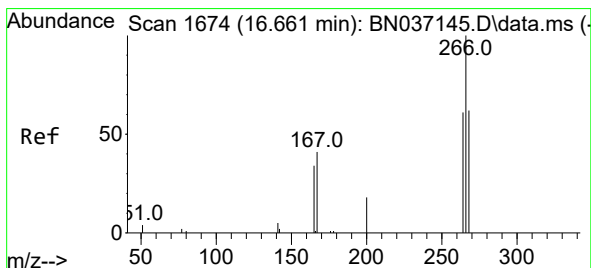
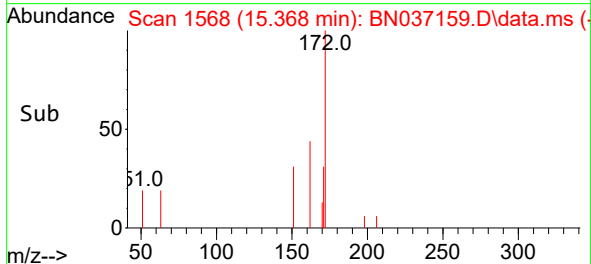
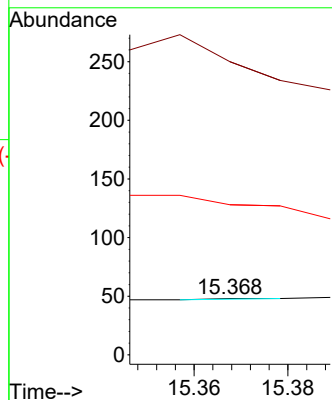
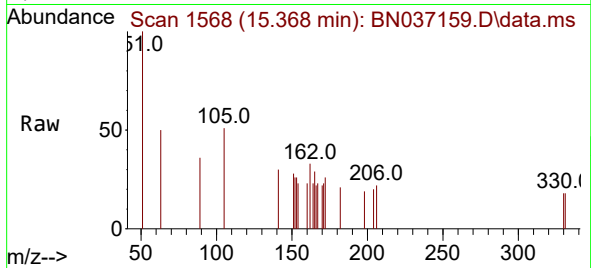




#20
4,6-Dinitro-2-methylphenol
Concen: 0.275 ng
RT: 15.368 min Scan# 1568
Delta R.T. -0.021 min
Lab File: BN037159.D
Acq: 03 Jun 2025 22:37

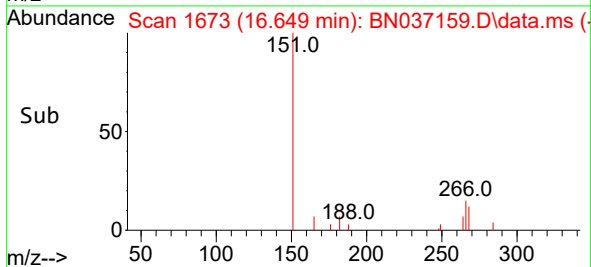
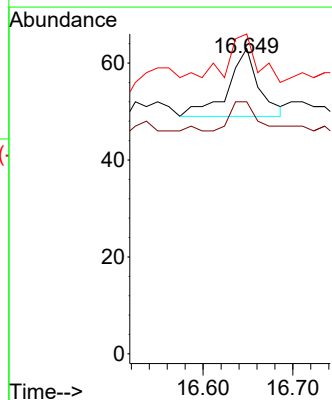
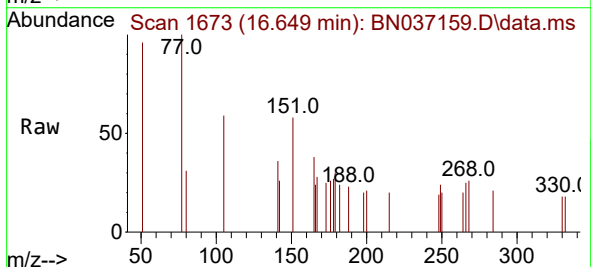
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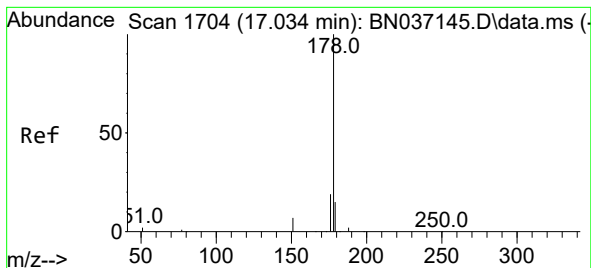
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 520.8 125.2 187.8#
105 266.7 57.1 85.7#



#24
Pentachlorophenol
Concen: 0.223 ng
RT: 16.649 min Scan# 1673
Delta R.T. -0.012 min
Lab File: BN037159.D
Acq: 03 Jun 2025 22:37

Tgt Ion:266 Resp: 34
Ion Ratio Lower Upper
266 100
264 41.2 49.3 73.9#
268 58.8 49.0 73.4





#25

Phenanthrene

Concen: 0.020 ng

RT: 17.021 min Scan# 1703

Delta R.T. -0.013 min

Lab File: BN037159.D

Acq: 03 Jun 2025 22:37

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-620-622

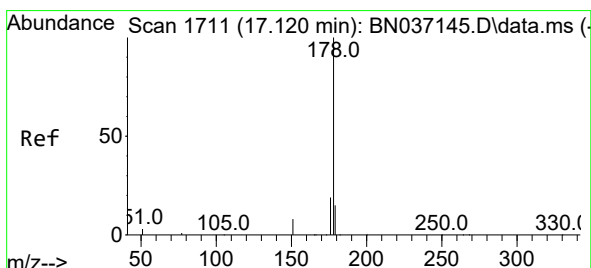
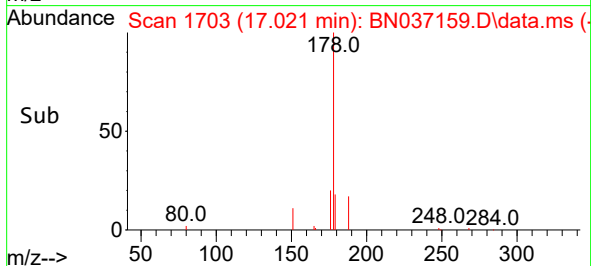
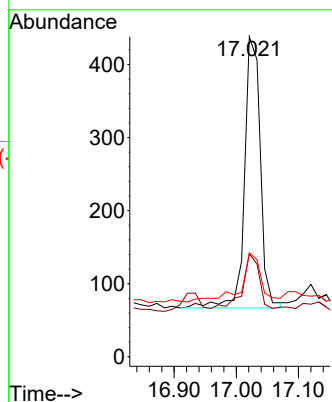
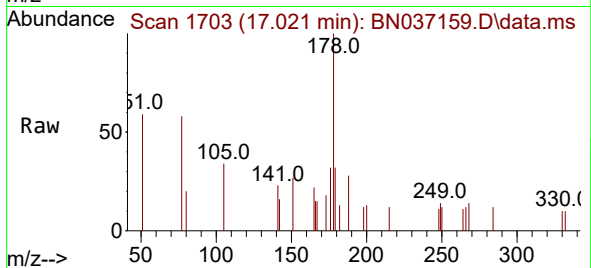
Tgt Ion:178 Resp: 658

Ion Ratio Lower Upper

178 100

176 23.3 15.7 23.5

179 23.7 12.3 18.5#



#26

Anthracene

Concen: 0.021 ng

RT: 17.021 min Scan# 1703

Delta R.T. -0.099 min

Lab File: BN037159.D

Acq: 03 Jun 2025 22:37

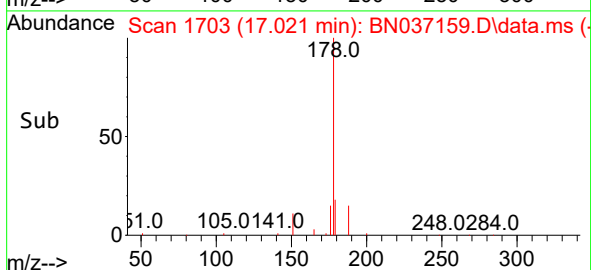
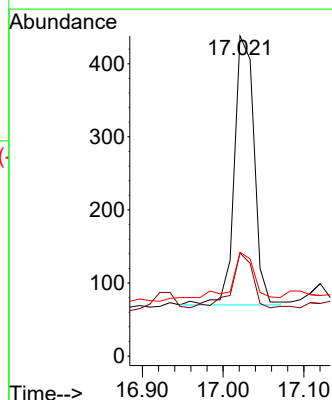
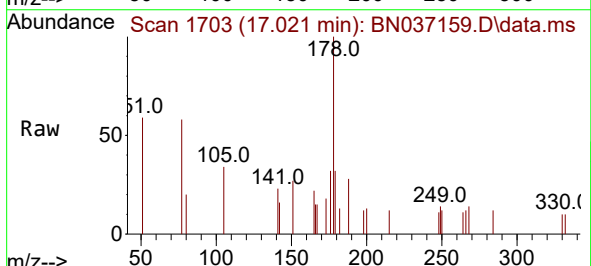
Tgt Ion:178 Resp: 629

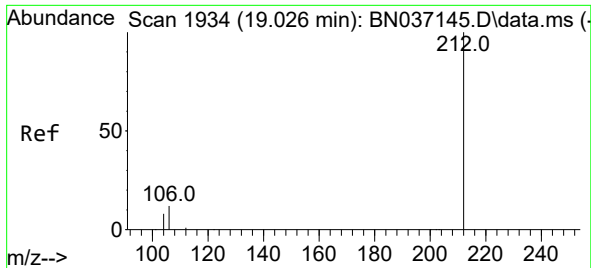
Ion Ratio Lower Upper

178 100

176 21.6 15.2 22.8

179 17.2 12.9 19.3

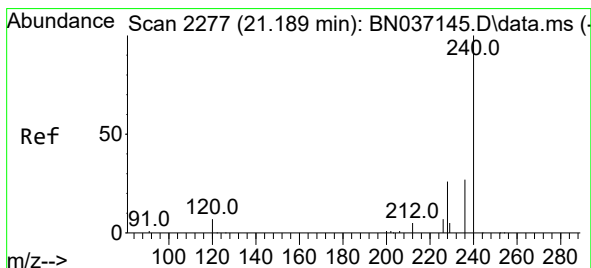
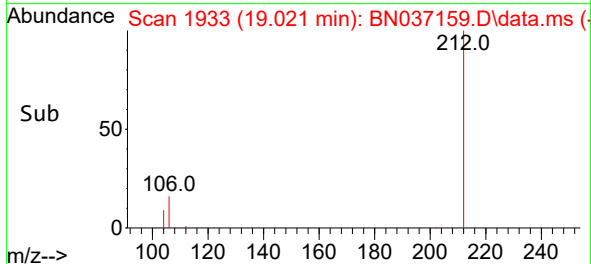
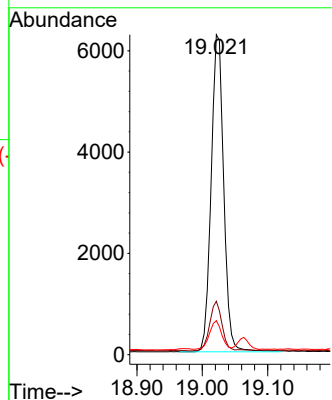
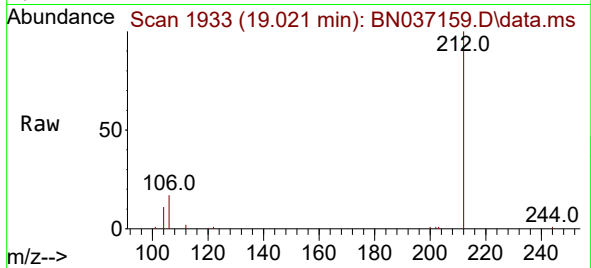




#27
Fluoranthene-d10
Concen: 0.325 ng
RT: 19.021 min Scan# 1933
Delta R.T. -0.005 min
Lab File: BN037159.D
Acq: 03 Jun 2025 22:37

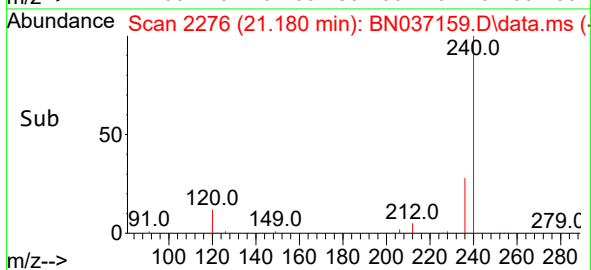
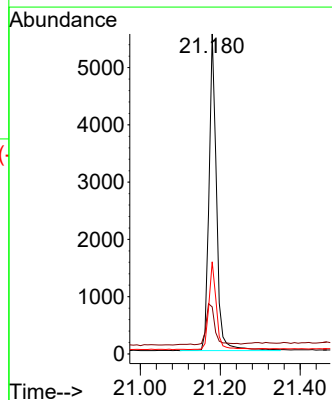
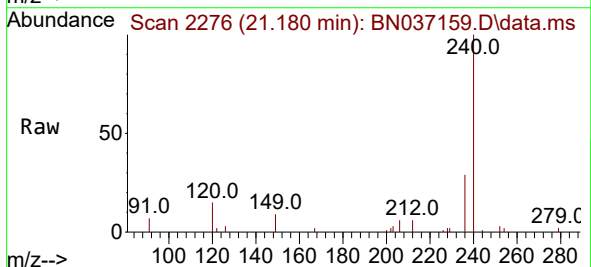
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-620-622

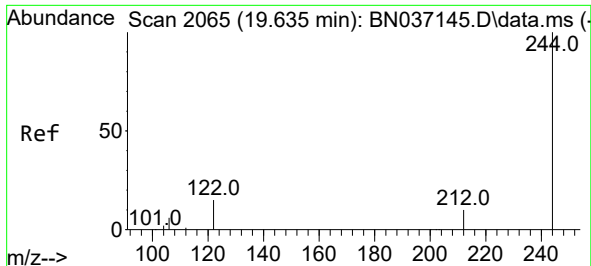
Tgt Ion:212 Resp: 8367
Ion Ratio Lower Upper
212 100
106 15.5 10.6 15.8
104 8.9 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2276
Delta R.T. -0.009 min
Lab File: BN037159.D
Acq: 03 Jun 2025 22:37

Tgt Ion:240 Resp: 7222
Ion Ratio Lower Upper
240 100
120 14.7 9.0 13.4#
236 28.8 23.0 34.4

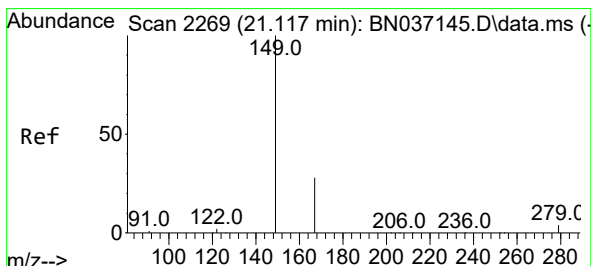
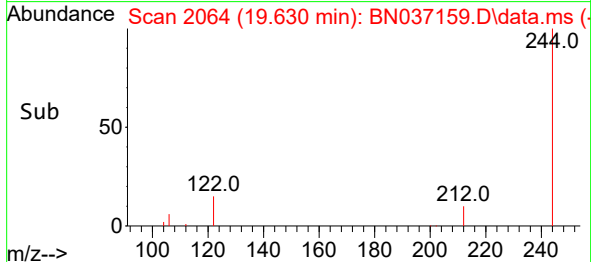
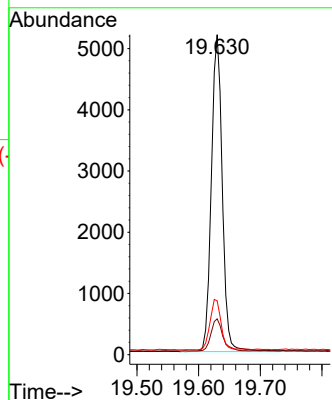
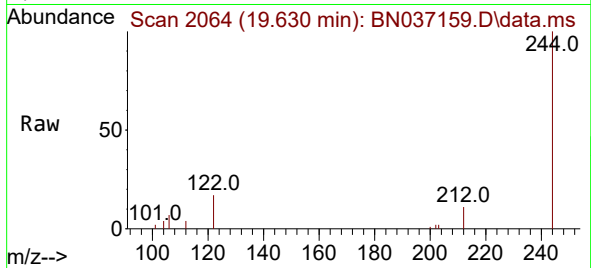




#31
 Terphenyl-d14
 Concen: 0.374 ng
 RT: 19.630 min Scan# 2065
 Delta R.T. -0.005 min
 Lab File: BN037159.D
 Acq: 03 Jun 2025 22:37

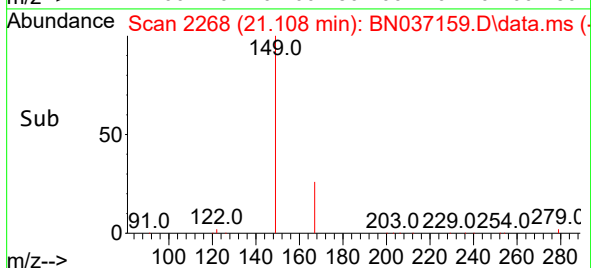
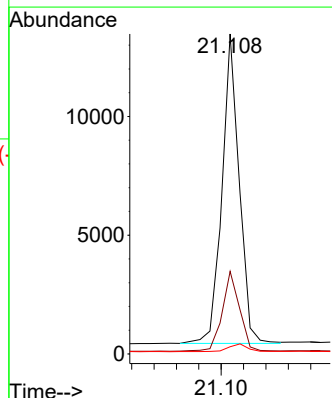
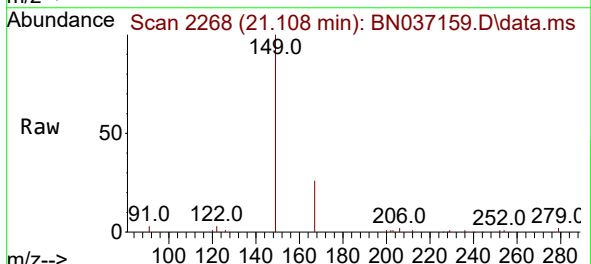
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-620-622

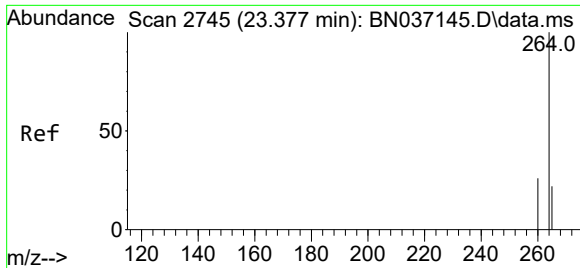
Tgt Ion:244 Resp: 6355
 Ion Ratio Lower Upper
 244 100
 212 11.2 10.0 15.0
 122 16.9 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.843 ng
 RT: 21.108 min Scan# 2268
 Delta R.T. -0.009 min
 Lab File: BN037159.D
 Acq: 03 Jun 2025 22:37

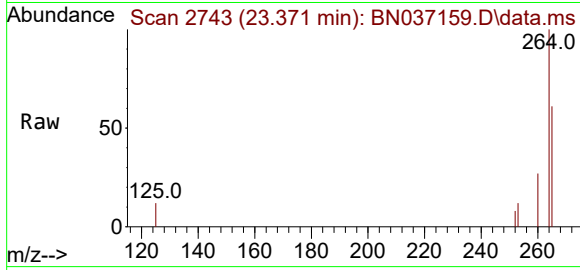
Tgt Ion:149 Resp: 13905
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.0 31.4
 279 2.8 2.9 4.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.371 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037159.D
Acq: 03 Jun 2025 22:37

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-620-622



Tgt Ion:264 Resp: 6119
Ion Ratio Lower Upper
264 100
260 27.5 22.1 33.1
265 60.7 55.8 83.8

