

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060325\
 Data File : BN037161.D
 Acq On : 03 Jun 2025 23:49
 Operator : RC/JU
 Sample : Q2162-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-EB-20250529

Quant Time: Jun 04 02:18:30 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)

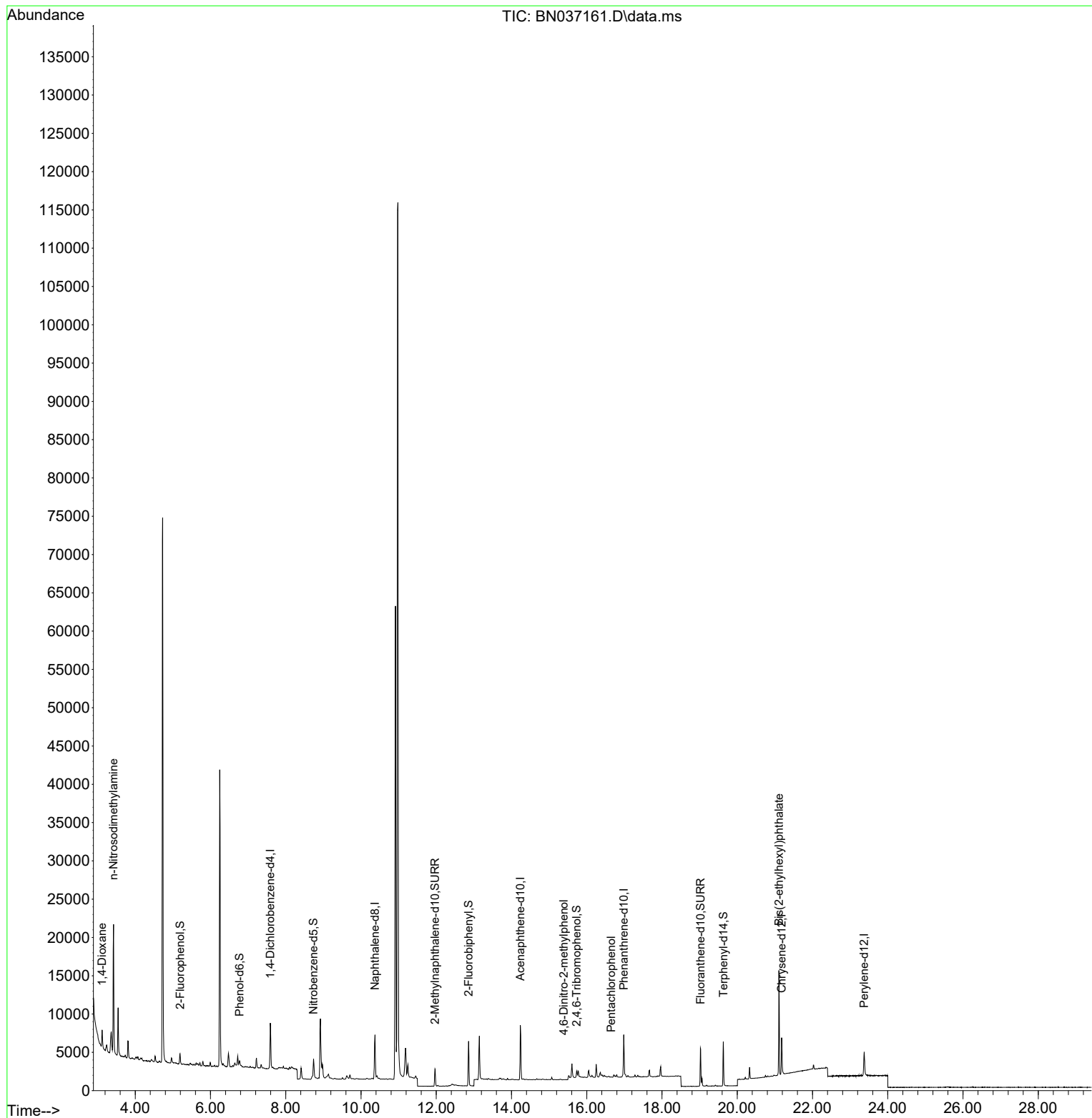
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2849	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	7378	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	3984	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	6891	0.400	ng	0.00
29) Chrysene-d12	21.180	240	4650	0.400	ng	# 0.00
35) Perylene-d12	23.371	264	4307	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	960	0.136	ng	0.00
5) Phenol-d6	6.773	99	682	0.080	ng	0.00
8) Nitrobenzene-d5	8.739	82	2244	0.288	ng	0.00
11) 2-Methylnaphthalene-d10	11.966	152	3046	0.297	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	439	0.274	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	5073	0.299	ng	0.00
27) Fluoranthene-d10	19.026	212	5567	0.318	ng	0.00
31) Terphenyl-d14	19.630	244	5328	0.487	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.119	88	974	0.256	ng	# 34
3) n-Nitrosodimethylamine	3.422	42	1806	0.237	ng	# 20
20) 4,6-Dinitro-2-methylph...	15.389	198	6	0.277	ng	# 1
24) Pentachlorophenol	16.649	266	17	0.221	ng	# 53
34) Bis(2-ethylhexyl)phtha...	21.108	149	12234	1.152	ng	# 99

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

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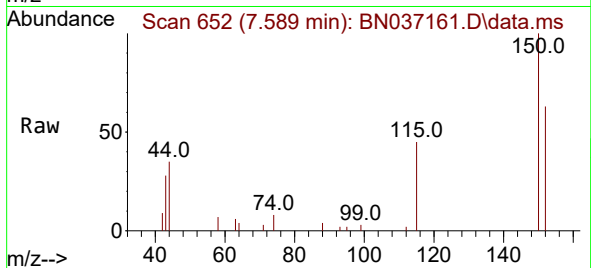
Quant Time: Jun 04 02:18:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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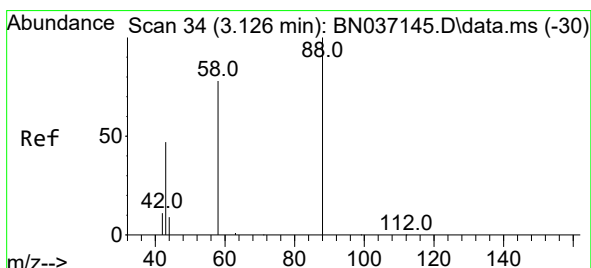
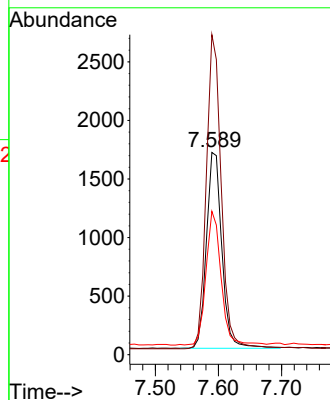
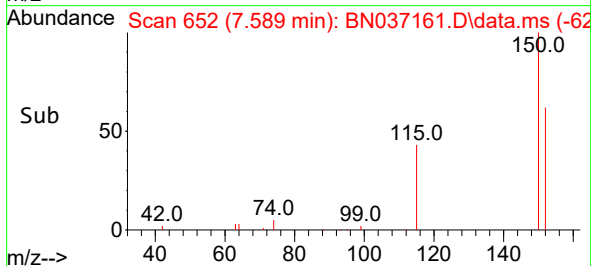


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037161.D
 Acq: 03 Jun 2025 23:49

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-EB-20250529

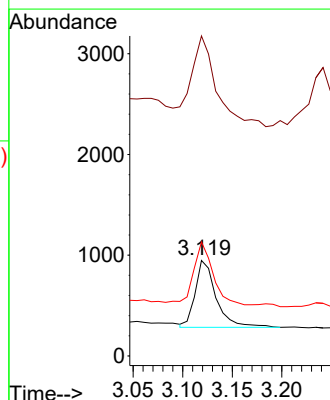
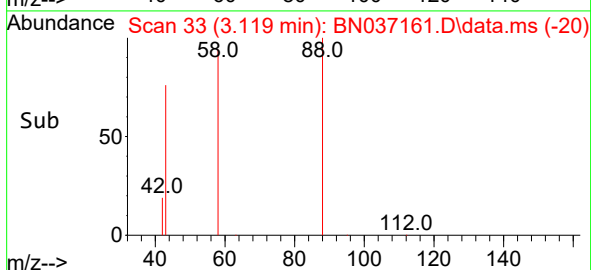
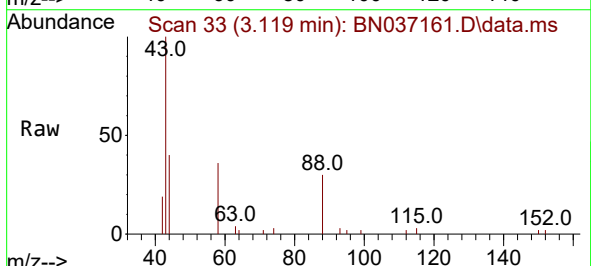


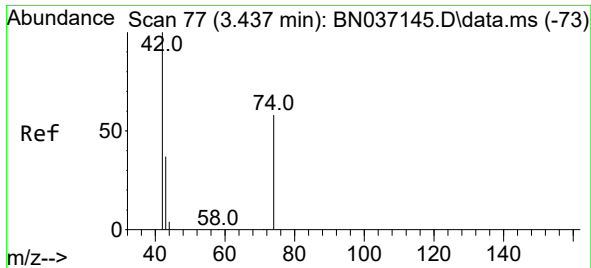
Tgt Ion:152 Resp: 2849
 Ion Ratio Lower Upper
 152 100
 150 158.2 123.2 184.8
 115 70.9 56.6 85.0



#2
 1,4-Dioxane
 Concen: 0.256 ng
 RT: 3.119 min Scan# 33
 Delta R.T. -0.007 min
 Lab File: BN037161.D
 Acq: 03 Jun 2025 23:49

Tgt Ion: 88 Resp: 974
 Ion Ratio Lower Upper
 88 100
 43 169.6 43.5 65.3#
 58 89.4 67.7 101.5

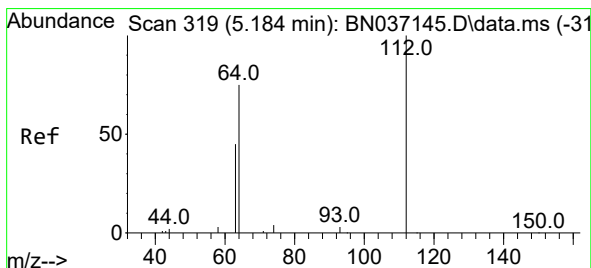
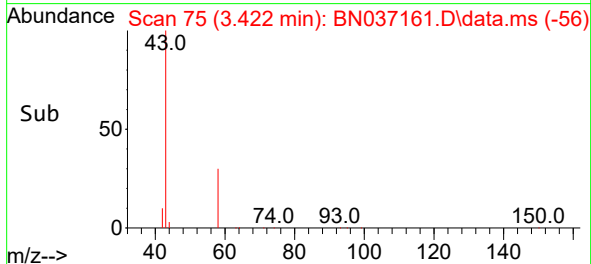
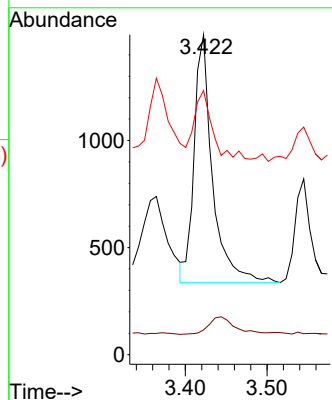
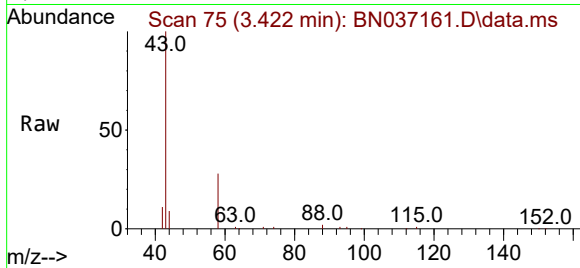




#3
n-Nitrosodimethylamine
Concen: 0.237 ng
RT: 3.422 min Scan# 71
Delta R.T. -0.015 min
Lab File: BN037161.D
Acq: 03 Jun 2025 23:49

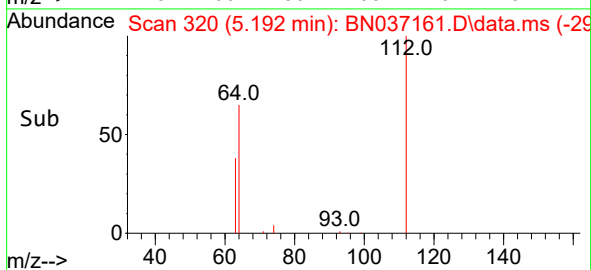
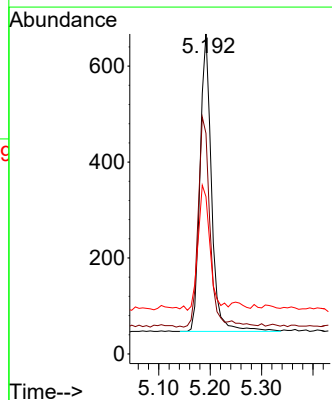
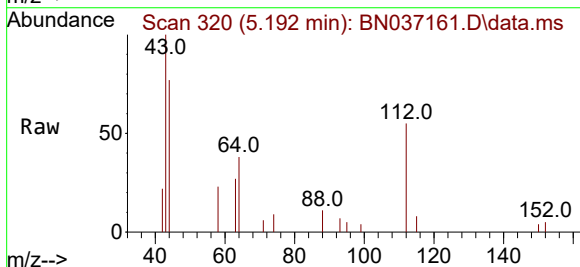
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-EB-20250529

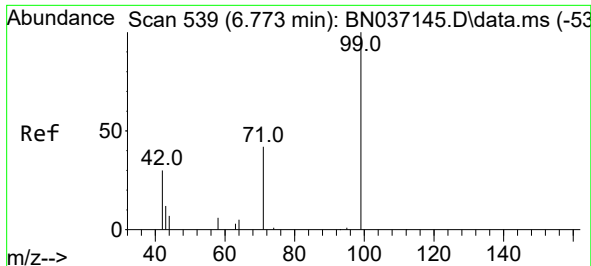
Tgt Ion: 42 Resp: 1806
Ion Ratio Lower Upper
42 100
74 0.0 53.0 79.4#
44 26.6 5.9 8.9#



#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.192 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN037161.D
Acq: 03 Jun 2025 23:49

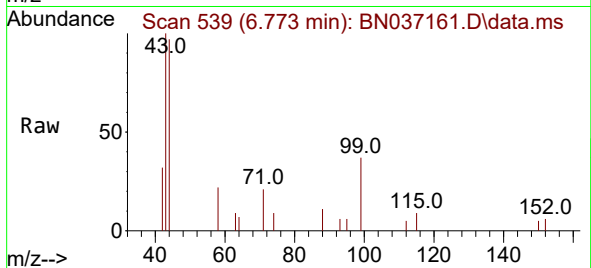
Tgt Ion: 112 Resp: 960
Ion Ratio Lower Upper
112 100
64 73.1 56.3 84.5
63 43.4 36.2 54.4



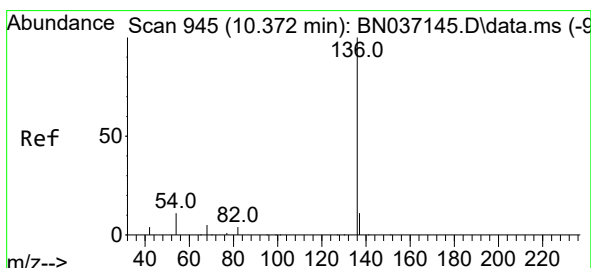
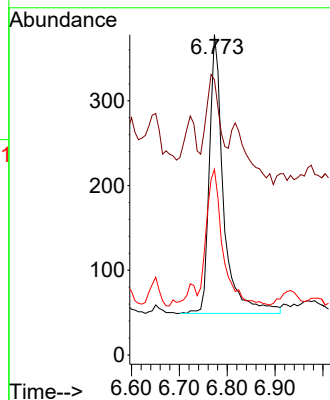
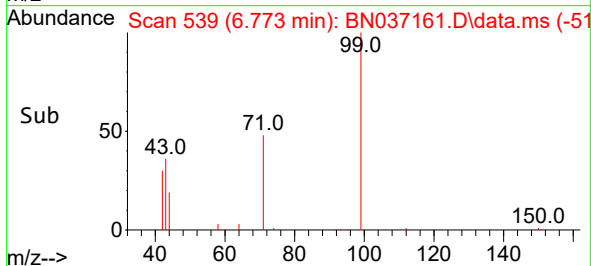


#5
Phenol-d6
Concen: 0.080 ng
RT: 6.773 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN037161.D
Acq: 03 Jun 2025 23:49

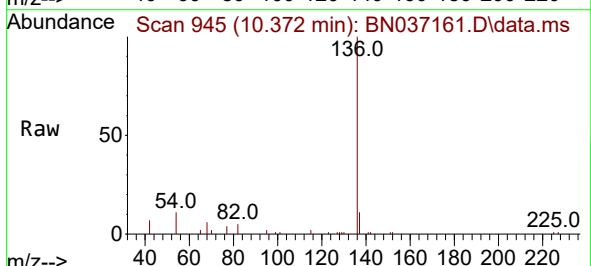
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-EB-20250529



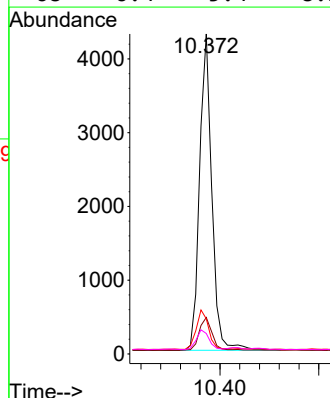
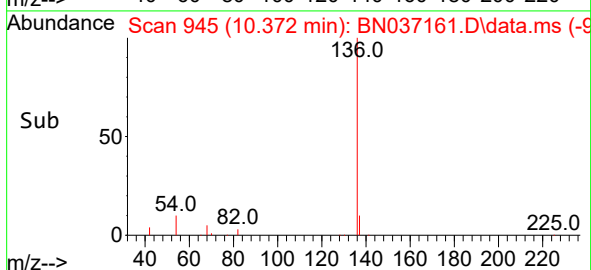
Tgt Ion: 99 Resp: 682
Ion Ratio Lower Upper
99 100
42 27.1 31.3 46.9#
71 55.7 38.2 57.2

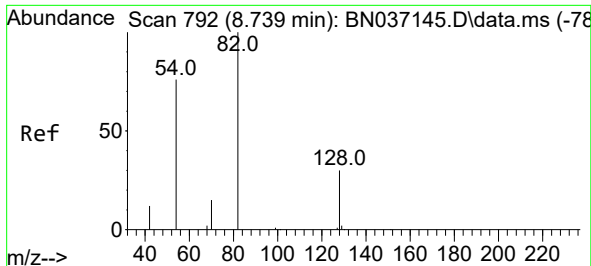


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037161.D
Acq: 03 Jun 2025 23:49



Tgt Ion: 136 Resp: 7378
Ion Ratio Lower Upper
136 100
137 11.4 9.7 14.5
54 11.0 9.7 14.5
68 6.4 5.4 8.2

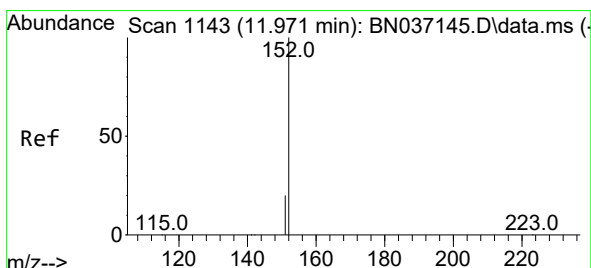
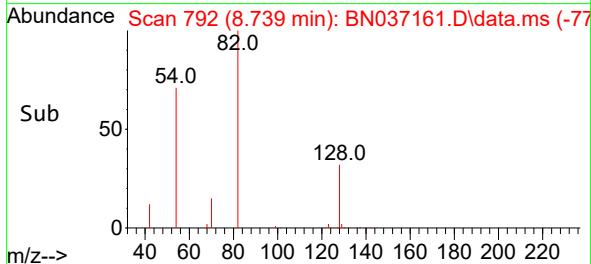
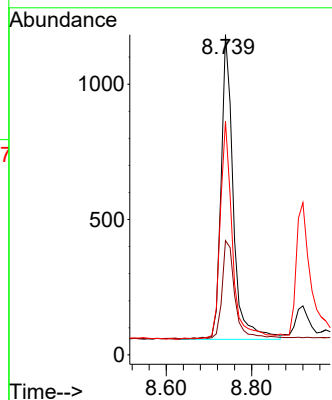
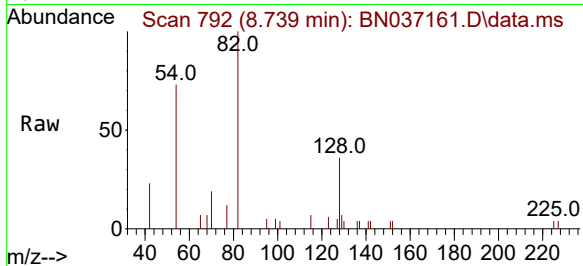




#8
Nitrobenzene-d5
Concen: 0.288 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037161.D
Acq: 03 Jun 2025 23:49

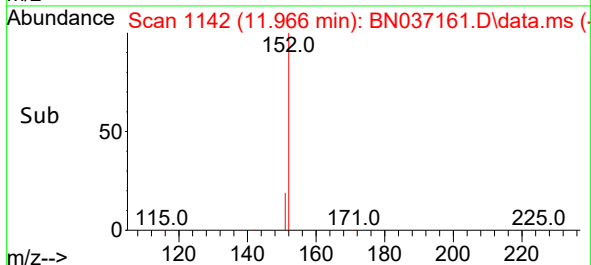
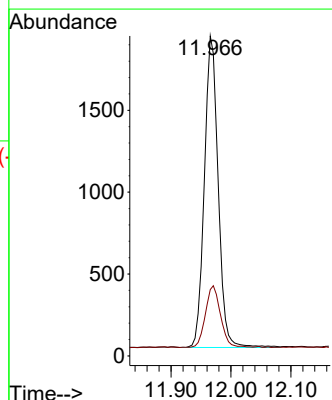
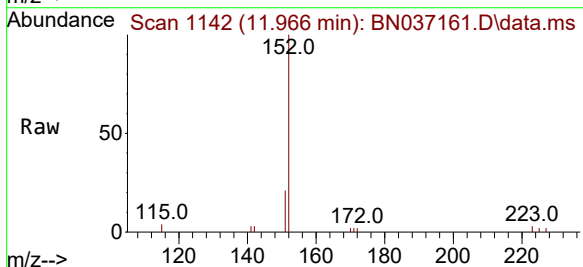
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-EB-20250529

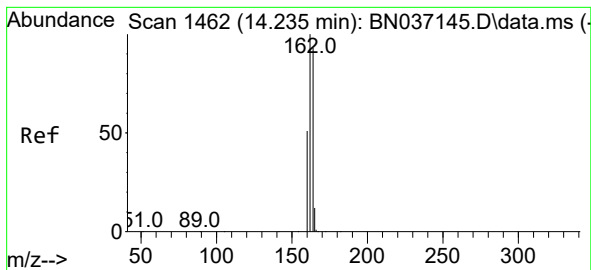
Tgt Ion: 82 Resp: 2244
Ion Ratio Lower Upper
82 100
128 35.7 26.9 40.3
54 73.0 61.4 92.2



#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 11.966 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037161.D
Acq: 03 Jun 2025 23:49

Tgt Ion: 152 Resp: 3046
Ion Ratio Lower Upper
152 100
151 21.5 17.1 25.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.235 min Scan# 1462

Delta R.T. -0.000 min

Lab File: BN037161.D

Acq: 03 Jun 2025 23:49

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-EB-20250529

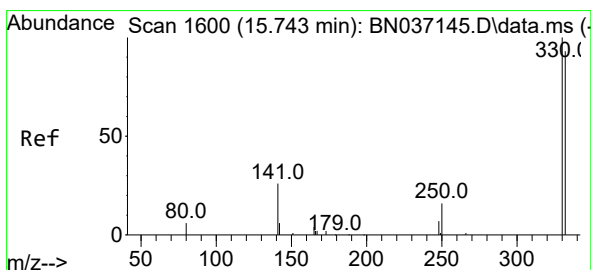
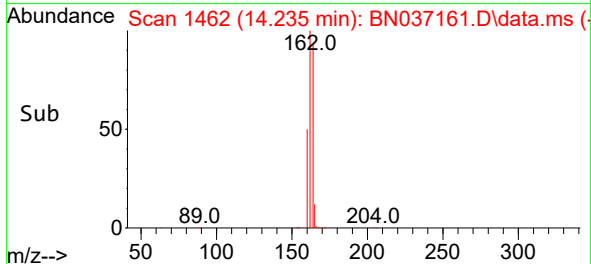
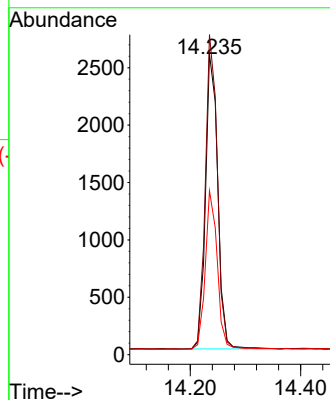
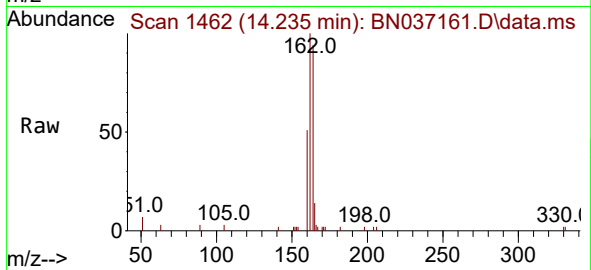
Tgt Ion:164 Resp: 3984

Ion Ratio Lower Upper

164 100

162 106.5 85.5 128.3

160 54.5 44.6 67.0



#14

2,4,6-Tribromophenol

Concen: 0.274 ng

RT: 15.730 min Scan# 1599

Delta R.T. -0.012 min

Lab File: BN037161.D

Acq: 03 Jun 2025 23:49

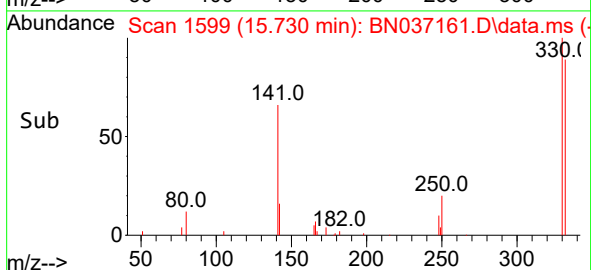
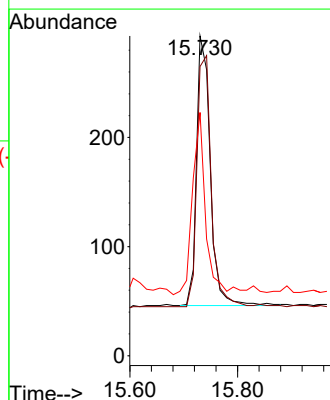
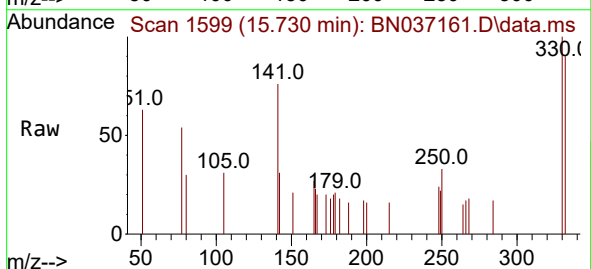
Tgt Ion:330 Resp: 439

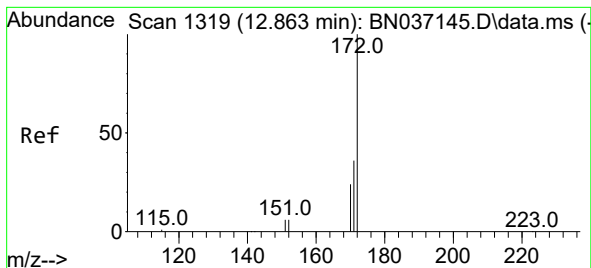
Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

141 65.4 46.4 69.6





#15

2-Fluorobiphenyl

Concen: 0.299 ng

RT: 12.858 min Scan# 11

Delta R.T. -0.005 min

Lab File: BN037161.D

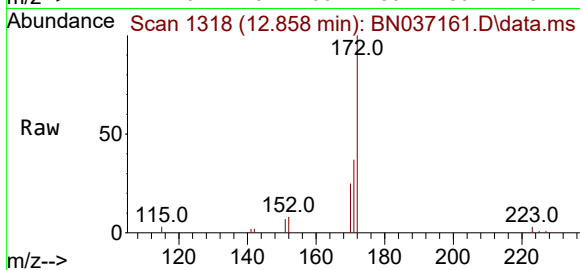
Acq: 03 Jun 2025 23:49

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-EB-20250529



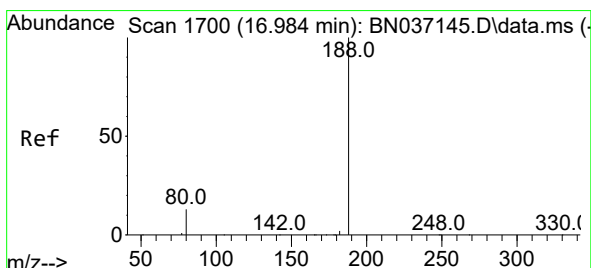
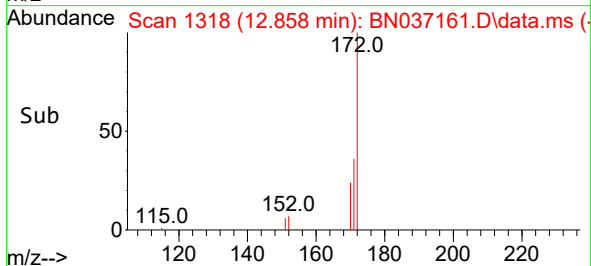
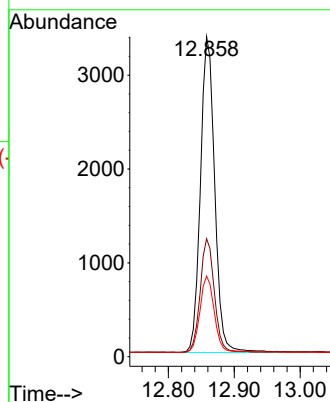
Tgt Ion:172 Resp: 5073

Ion Ratio Lower Upper

172 100

171 36.9 29.6 44.4

170 25.2 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: BN037161.D

Acq: 03 Jun 2025 23:49

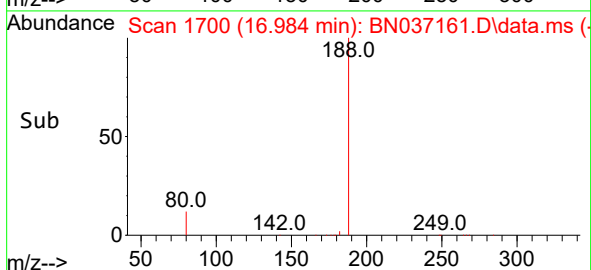
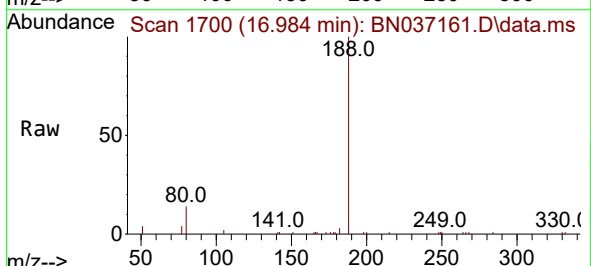
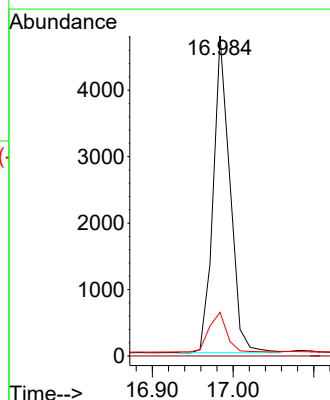
Tgt Ion:188 Resp: 6891

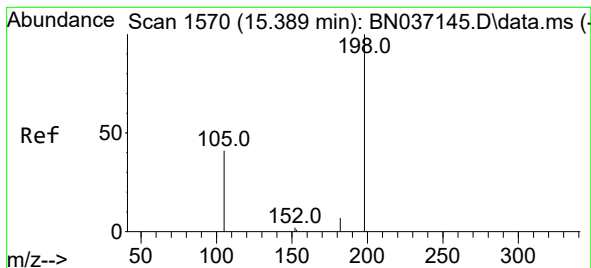
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.6 11.3 16.9

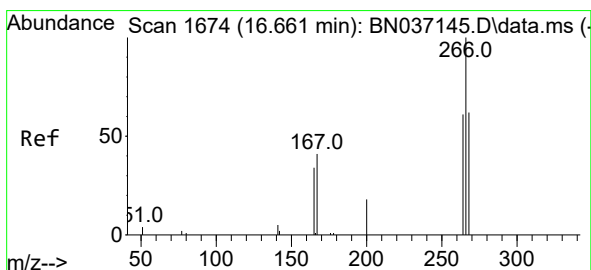
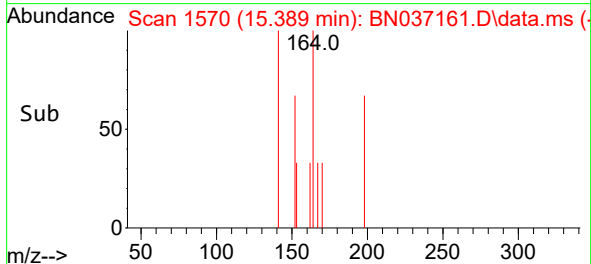
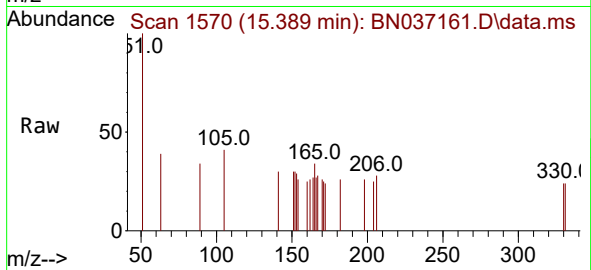




#20
4,6-Dinitro-2-methylphenol
Concen: 0.277 ng
RT: 15.389 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037161.D
Acq: 03 Jun 2025 23:49

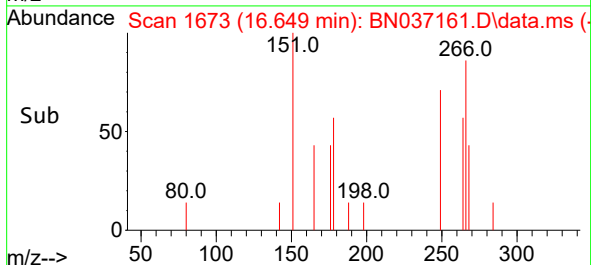
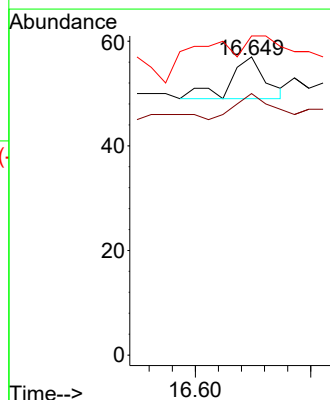
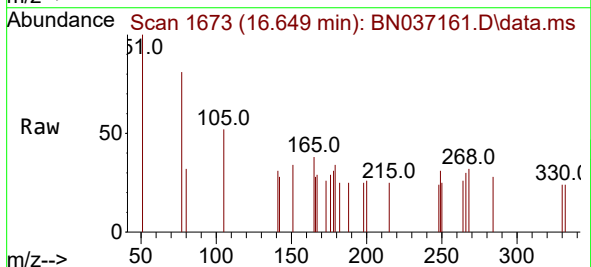
Instrument :
BNA_N
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BP-VPB-182-EB-20250529

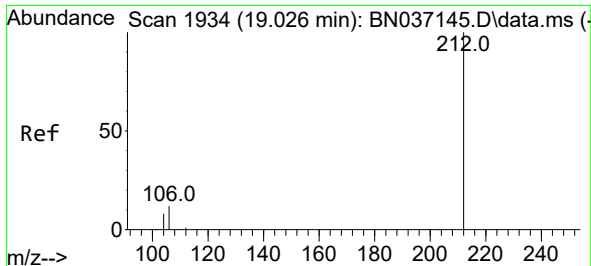
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 389.8 125.2 187.8#
105 159.2 57.1 85.7#



#24
Pentachlorophenol
Concen: 0.221 ng
RT: 16.649 min Scan# 1673
Delta R.T. -0.012 min
Lab File: BN037161.D
Acq: 03 Jun 2025 23:49

Tgt Ion:266 Resp: 17
Ion Ratio Lower Upper
266 100
264 64.7 49.3 73.9
268 129.4 49.0 73.4#

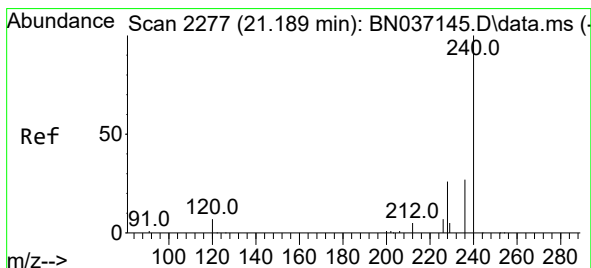
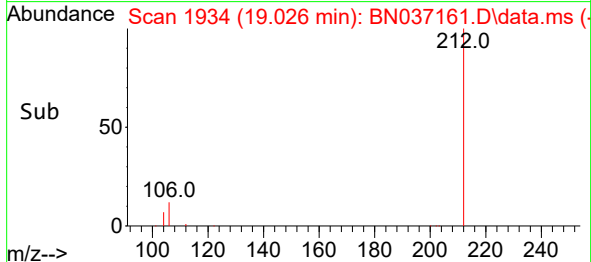
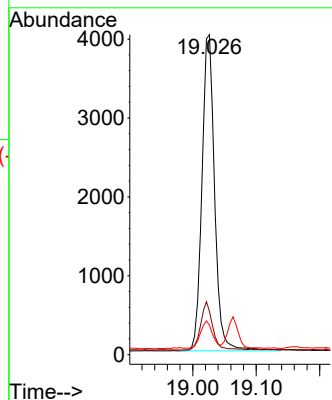
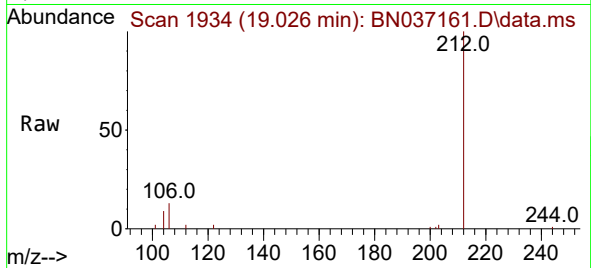




#27
Fluoranthene-d10
Concen: 0.318 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037161.D
Acq: 03 Jun 2025 23:49

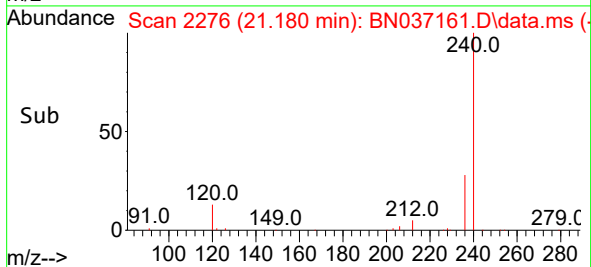
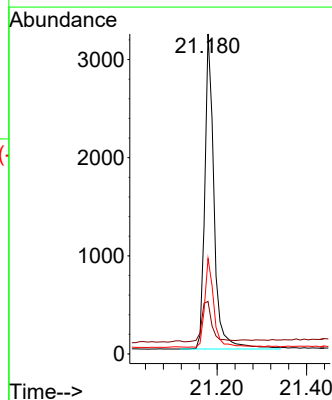
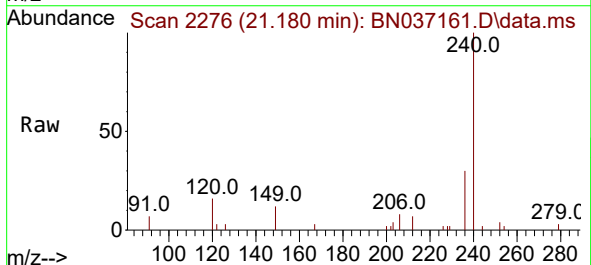
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-EB-20250529

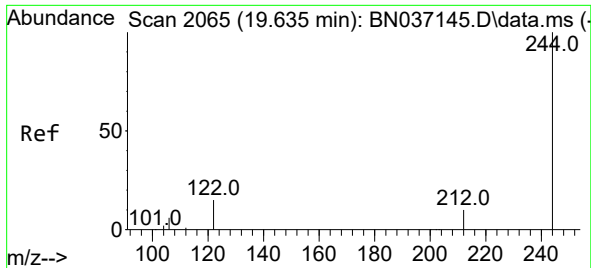
Tgt Ion:212 Resp: 5567
Ion Ratio Lower Upper
212 100
106 14.4 10.6 15.8
104 8.3 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2276
Delta R.T. -0.009 min
Lab File: BN037161.D
Acq: 03 Jun 2025 23:49

Tgt Ion:240 Resp: 4650
Ion Ratio Lower Upper
240 100
120 16.4 9.0 13.4#
236 29.8 23.0 34.4

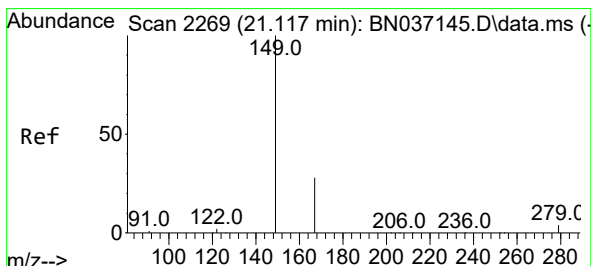
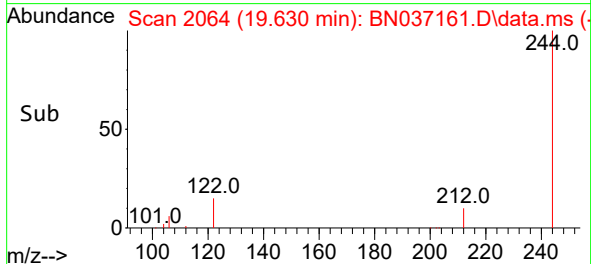
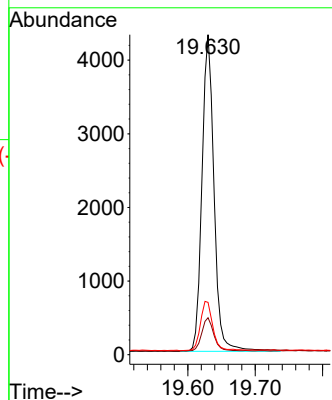
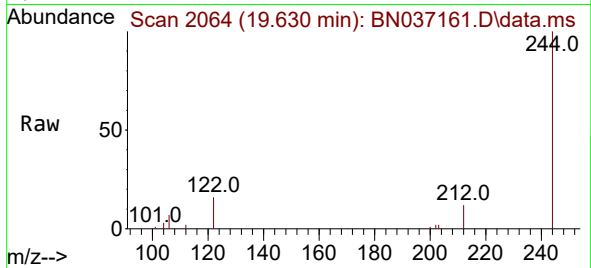




#31
 Terphenyl-d14
 Concen: 0.487 ng
 RT: 19.630 min Scan# 2065
 Delta R.T. -0.005 min
 Lab File: BN037161.D
 Acq: 03 Jun 2025 23:49

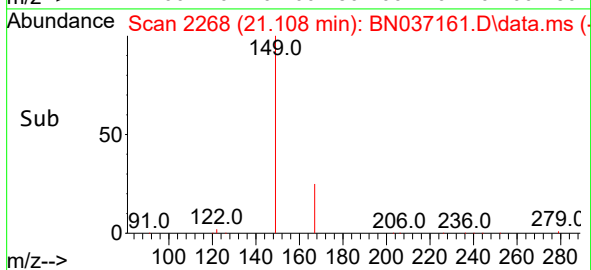
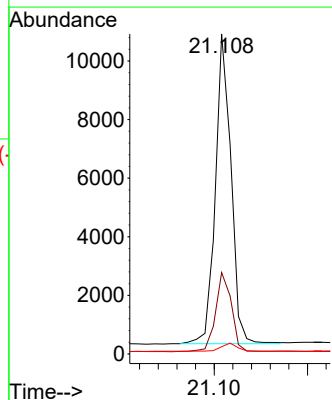
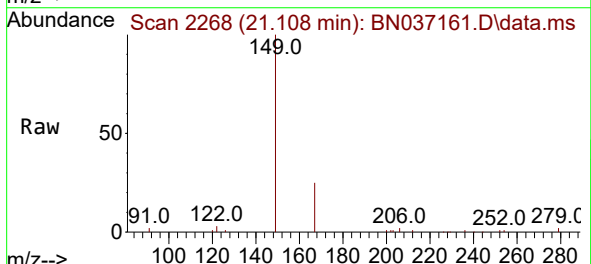
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-EB-20250529

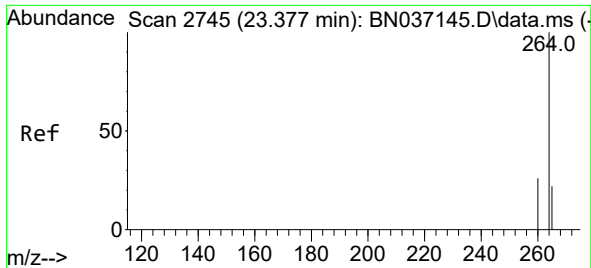
Tgt Ion:244 Resp: 5328
 Ion Ratio Lower Upper
 244 100
 212 11.6 10.0 15.0
 122 16.4 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.152 ng
 RT: 21.108 min Scan# 2268
 Delta R.T. -0.009 min
 Lab File: BN037161.D
 Acq: 03 Jun 2025 23:49

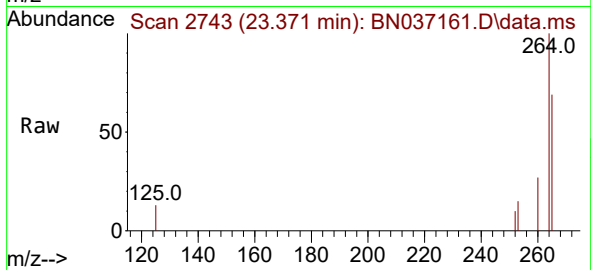
Tgt Ion:149 Resp: 12234
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.0 31.4
 279 2.7 2.9 4.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.371 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037161.D
Acq: 03 Jun 2025 23:49

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-EB-20250529



Tgt Ion: 264 Resp: 4307

Ion	Ratio	Lower	Upper
264	100		
260	27.1	22.1	33.1
265	68.7	55.8	83.8

