

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
 Data File : BN036312.D
 Acq On : 06 Feb 2025 00:10
 Operator : RC/JU
 Sample : Q1250-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-340-342

Quant Time: Feb 06 01:07:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 01:04:09 2025
 Response via : Initial Calibration

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

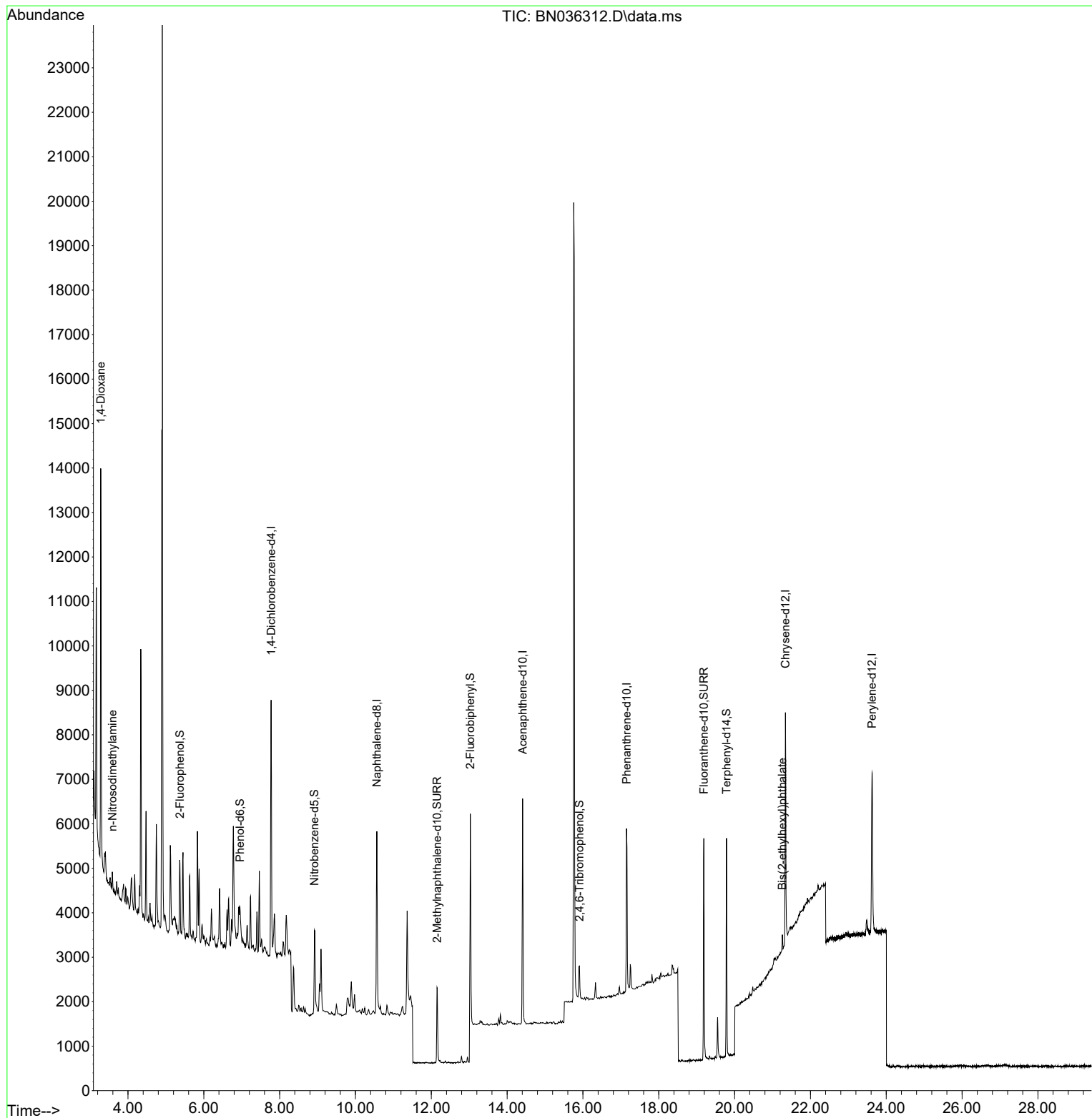
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2477	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5572	0.400	ng	# 0.00
13) Acenaphthene-d10	14.409	164	2819	0.400	ng	0.00
19) Phenanthrene-d10	17.149	188	5611	0.400	ng	-0.01
29) Chrysene-d12	21.340	240	4958	0.400	ng	0.00
35) Perylene-d12	23.625	264	5294	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	1031	0.160	ng	0.00
5) Phenol-d6	6.952	99	711	0.094	ng	0.00
8) Nitrobenzene-d5	8.918	82	1706	0.324	ng	-0.01
11) 2-Methylnaphthalene-d10	12.151	152	2551	0.337	ng	0.00
14) 2,4,6-Tribromophenol	15.907	330	480	0.266	ng	0.00
15) 2-Fluorobiphenyl	13.030	172	3650	0.290	ng	-0.01
27) Fluoranthene-d10	19.187	212	5637	0.388	ng	0.00
31) Terphenyl-d14	19.787	244	4734	0.460	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.283	88	4634	1.674	ng	97
3) n-Nitrosodimethylamine	3.593	42	102	0.020	ng	# 31
34) Bis(2-ethylhexyl)phtha...	21.259	149	445	0.045	ng	# 90

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

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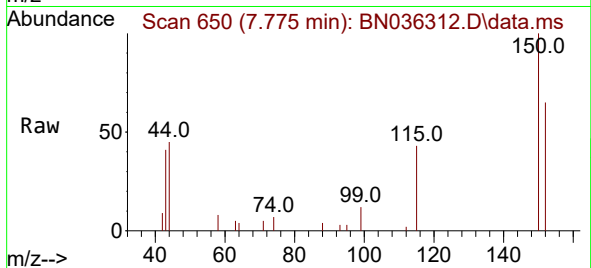
Quant Time: Feb 06 01:07:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 01:04:09 2025
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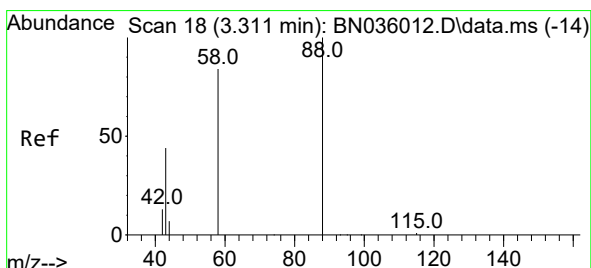
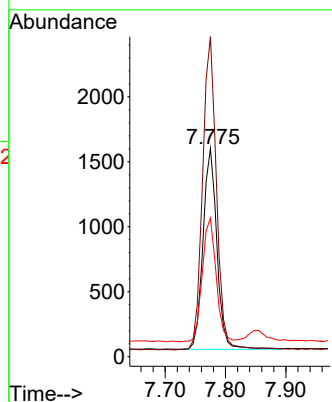
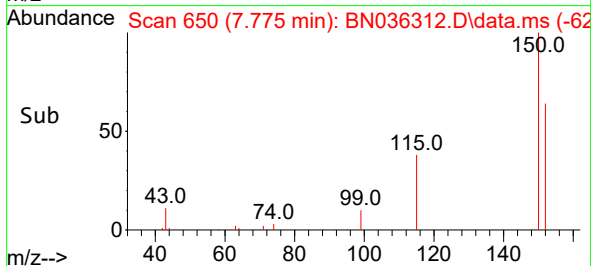


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN036312.D
Acq: 06 Feb 2025 00:10

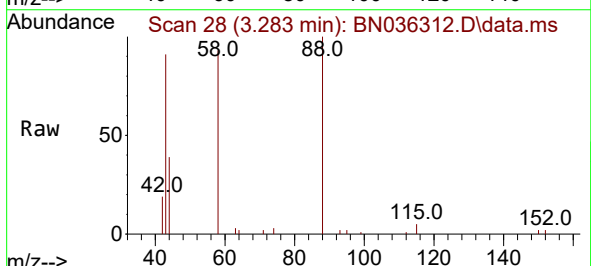
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-340-342



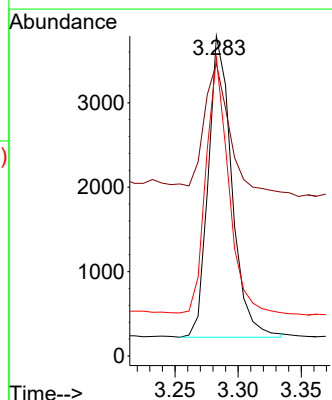
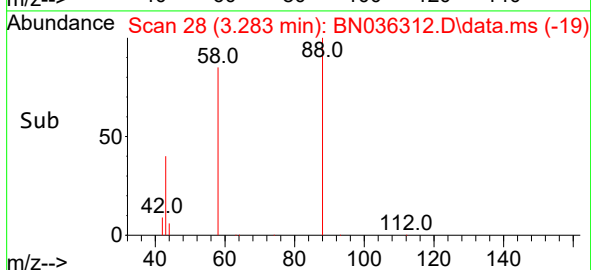
Tgt Ion:152 Resp: 2477
Ion Ratio Lower Upper
152 100
150 153.6 117.4 176.2
115 66.6 51.0 76.4

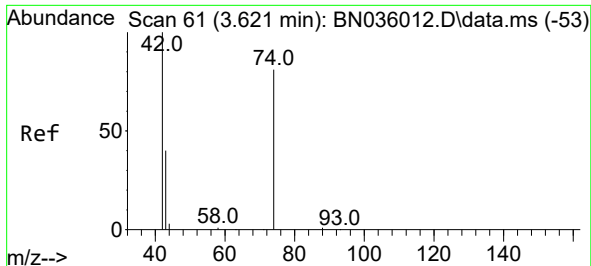


#2
1,4-Dioxane
Concen: 1.674 ng
RT: 3.283 min Scan# 28
Delta R.T. -0.007 min
Lab File: BN036312.D
Acq: 06 Feb 2025 00:10



Tgt Ion: 88 Resp: 4634
Ion Ratio Lower Upper
88 100
43 45.5 38.5 57.7
58 80.5 66.6 99.8

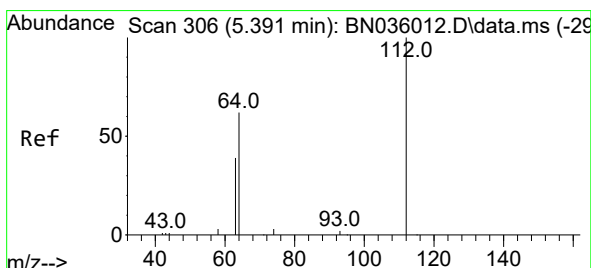
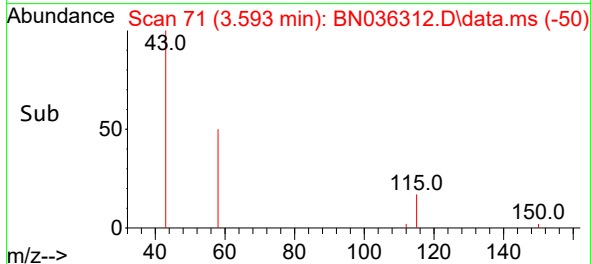
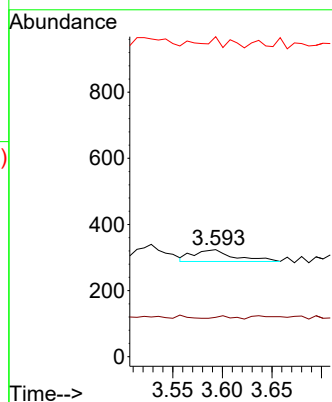
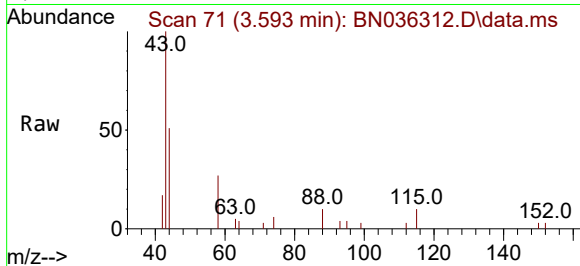




#3
 n-Nitrosodimethylamine
 Concen: 0.020 ng
 RT: 3.593 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BN036312.D
 Acq: 06 Feb 2025 00:10

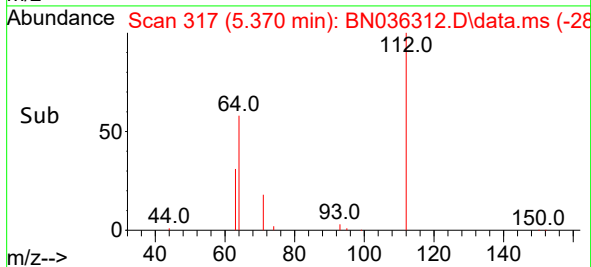
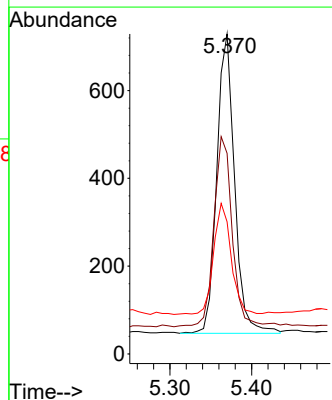
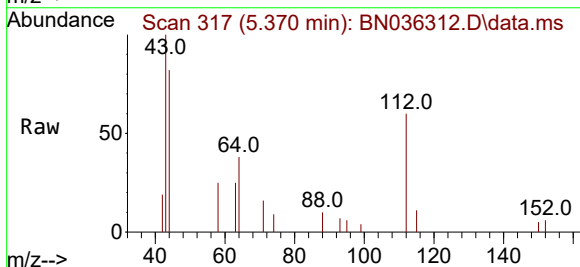
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-340-342

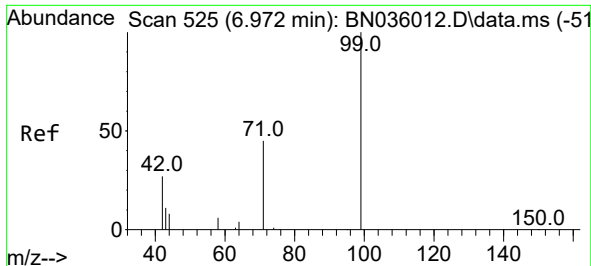
Tgt Ion: 42 Resp: 102
 Ion Ratio Lower Upper
 42 100
 74 9.8 58.1 87.1#
 44 13.7 6.2 9.4#



#4
 2-Fluorophenol
 Concen: 0.160 ng
 RT: 5.370 min Scan# 317
 Delta R.T. 0.007 min
 Lab File: BN036312.D
 Acq: 06 Feb 2025 00:10

Tgt Ion: 112 Resp: 1031
 Ion Ratio Lower Upper
 112 100
 64 66.4 50.0 75.0
 63 37.1 30.7 46.1

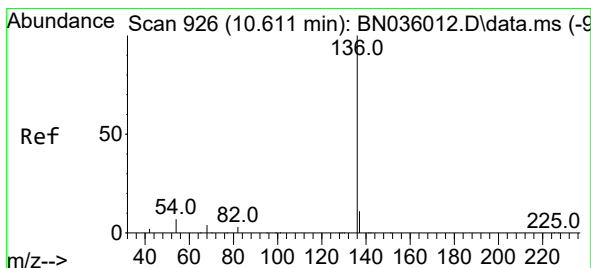
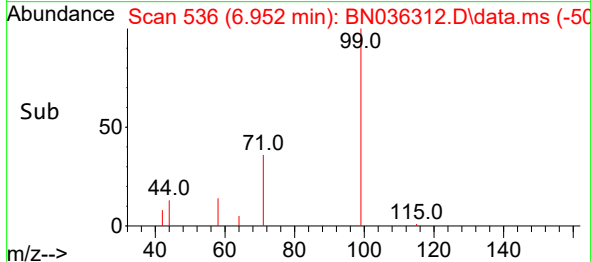
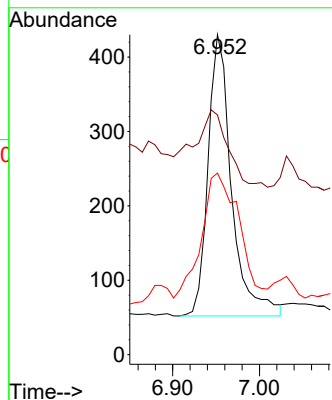
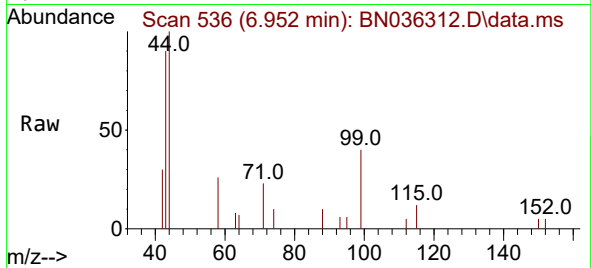




#5
Phenol-d6
Concen: 0.094 ng
RT: 6.952 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN036312.D
Acq: 06 Feb 2025 00:10

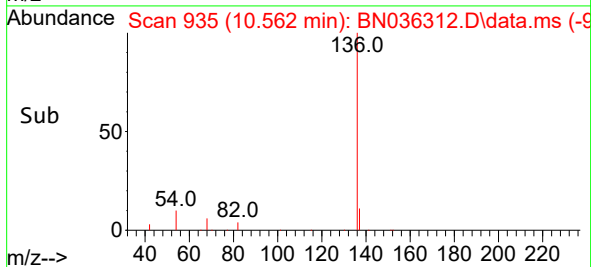
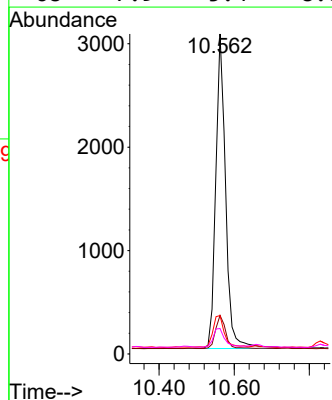
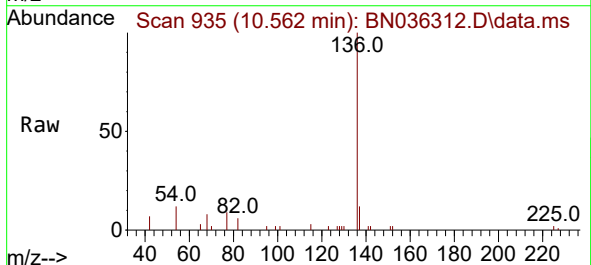
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-340-342

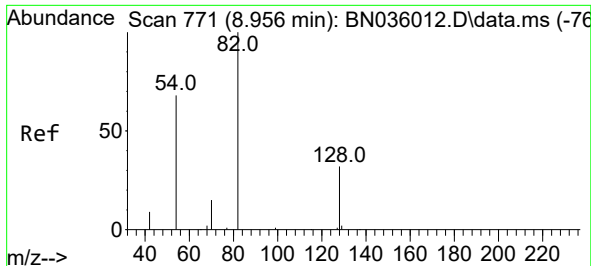
Tgt Ion: 99 Resp: 711
Ion Ratio Lower Upper
99 100
42 31.2 26.8 40.2
71 73.6 36.6 55.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.000 min
Lab File: BN036312.D
Acq: 06 Feb 2025 00:10

Tgt Ion: 136 Resp: 5572
Ion Ratio Lower Upper
136 100
137 12.1 10.4 15.6
54 12.0 7.7 11.5#
68 7.9 5.4 8.0

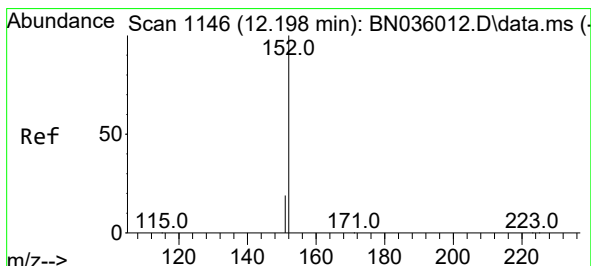
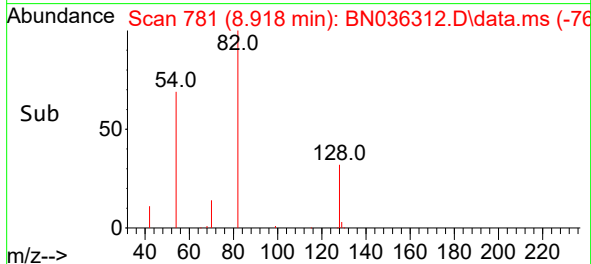
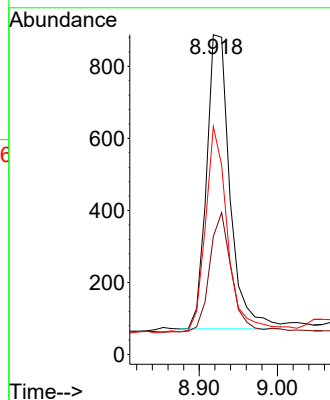
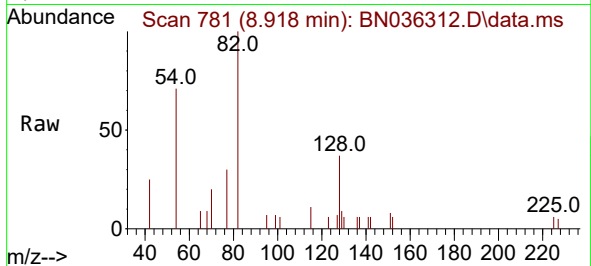




#8
Nitrobenzene-d5
Concen: 0.324 ng
RT: 8.918 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN036312.D
Acq: 06 Feb 2025 00:10

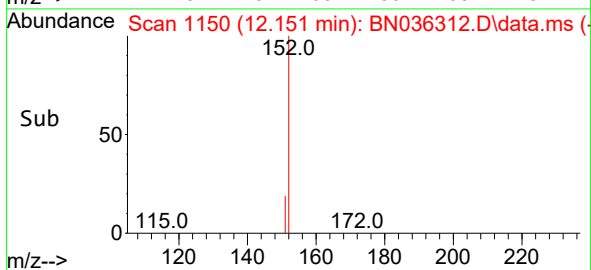
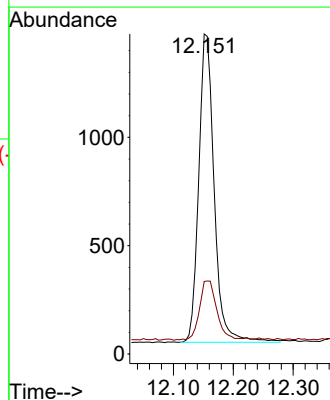
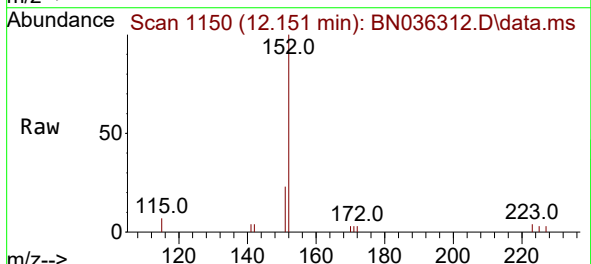
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-340-342

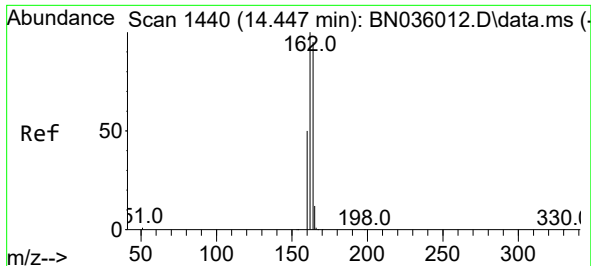
Tgt Ion: 82 Resp: 1706
Ion Ratio Lower Upper
82 100
128 36.9 28.8 43.2
54 71.3 55.8 83.8



#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 12.151 min Scan# 1150
Delta R.T. -0.005 min
Lab File: BN036312.D
Acq: 06 Feb 2025 00:10

Tgt Ion: 152 Resp: 2551
Ion Ratio Lower Upper
152 100
151 21.5 16.6 25.0

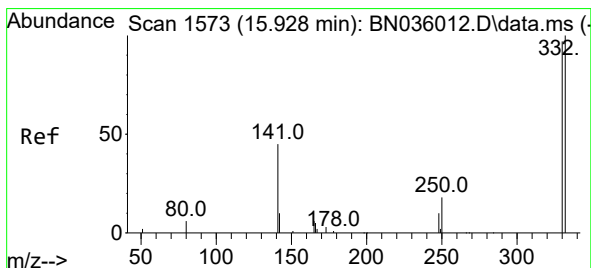
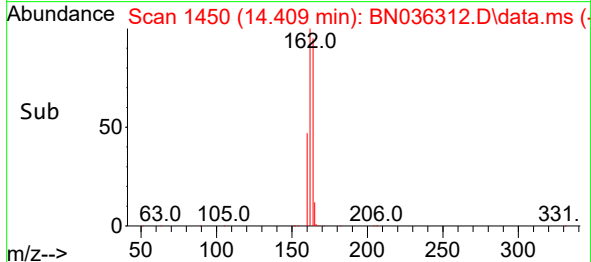
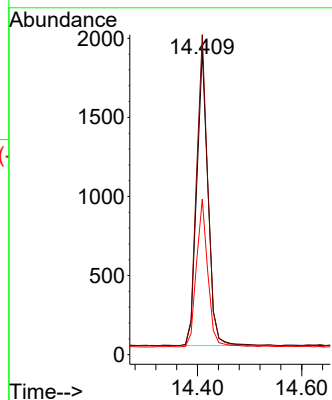
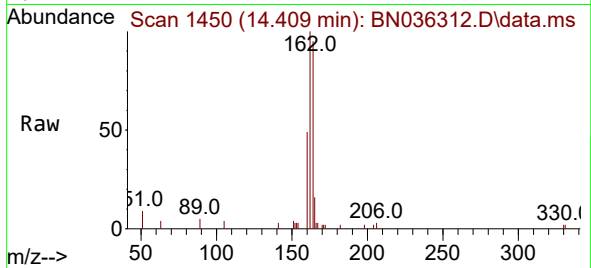




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.409 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BN036312.D
 Acq: 06 Feb 2025 00:10

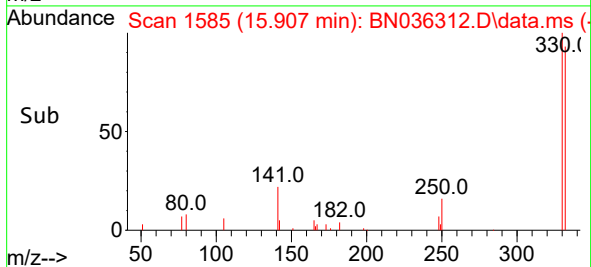
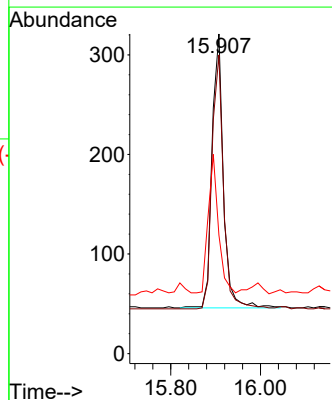
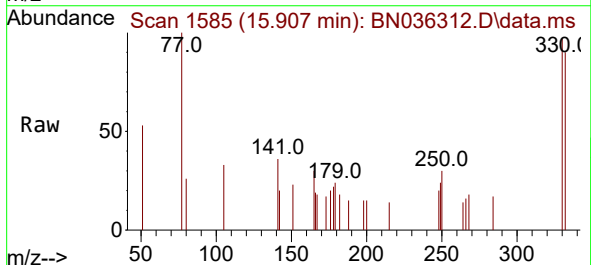
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-340-342

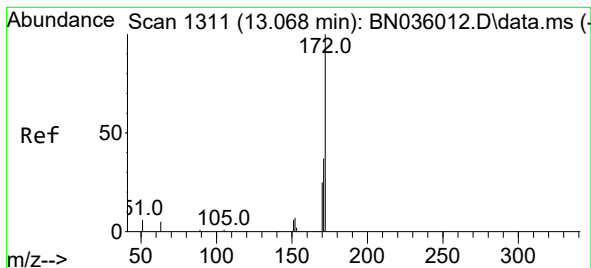
Tgt Ion:164 Resp: 2819
 Ion Ratio Lower Upper
 164 100
 162 105.2 84.1 126.1
 160 51.1 43.8 65.8



#14
 2,4,6-Tribromophenol
 Concen: 0.266 ng
 RT: 15.907 min Scan# 1585
 Delta R.T. -0.000 min
 Lab File: BN036312.D
 Acq: 06 Feb 2025 00:10

Tgt Ion:330 Resp: 480
 Ion Ratio Lower Upper
 330 100
 332 94.4 81.0 121.4
 141 45.8 36.7 55.1





#15

2-Fluorobiphenyl

Concen: 0.290 ng

RT: 13.030 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN036312.D

Acq: 06 Feb 2025 00:10

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-340-342

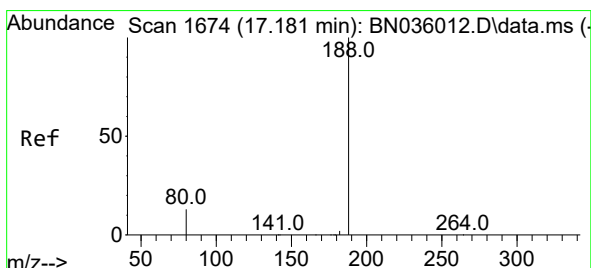
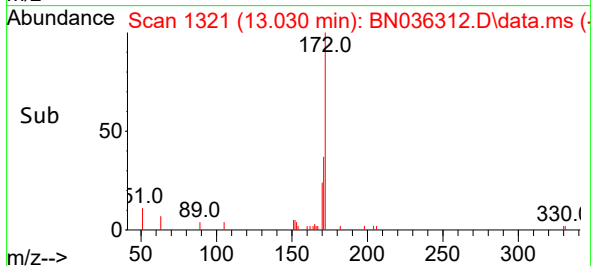
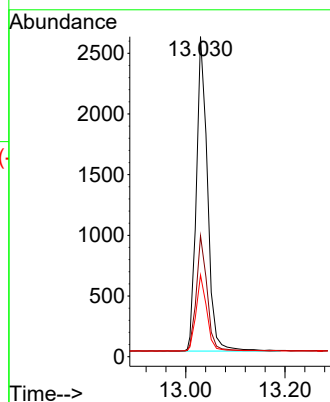
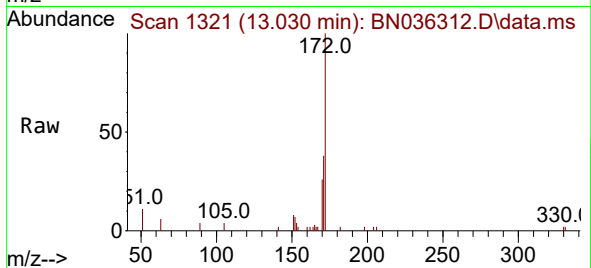
Tgt Ion:172 Resp: 3650

Ion Ratio Lower Upper

172 100

171 37.8 30.9 46.3

170 25.5 21.2 31.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.149 min Scan# 1685

Delta R.T. -0.012 min

Lab File: BN036312.D

Acq: 06 Feb 2025 00:10

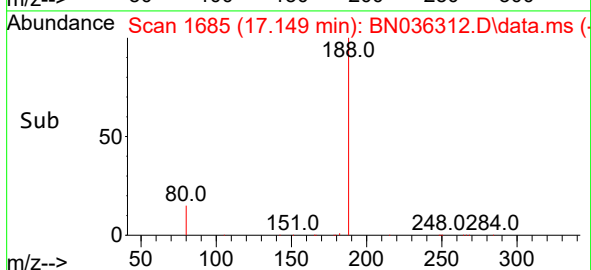
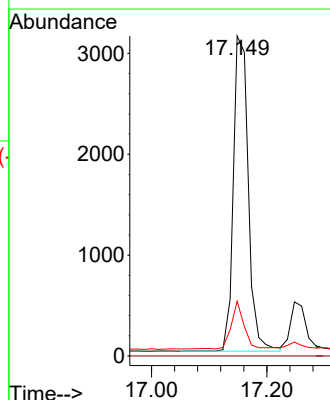
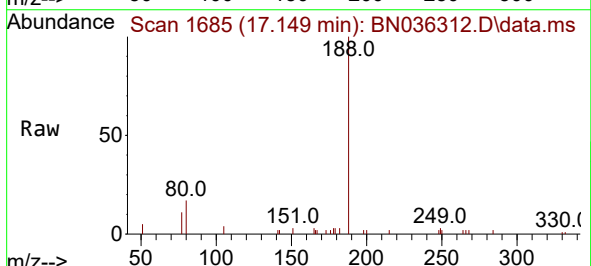
Tgt Ion:188 Resp: 5611

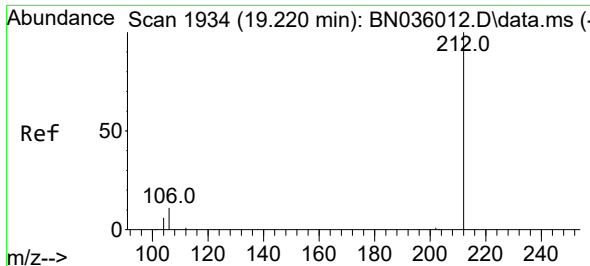
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 17.1 12.3 18.5

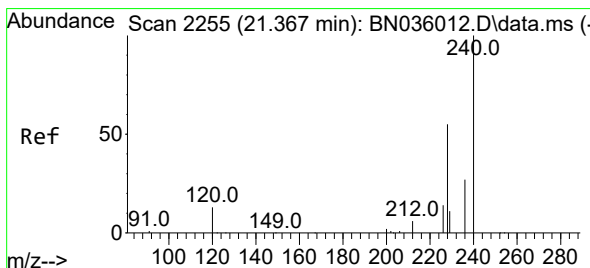
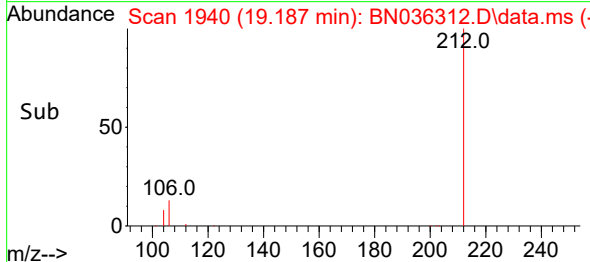
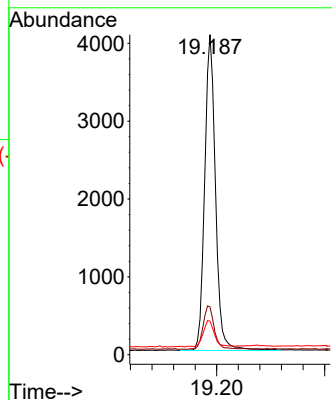
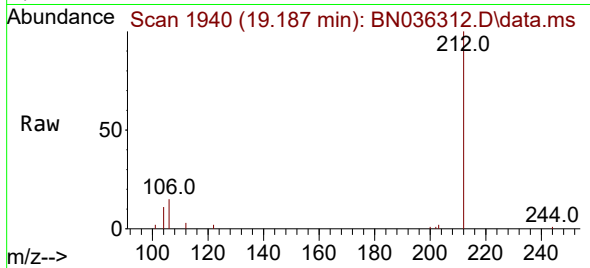




#27
Fluoranthene-d10
Concen: 0.388 ng
RT: 19.187 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BN036312.D
Acq: 06 Feb 2025 00:10

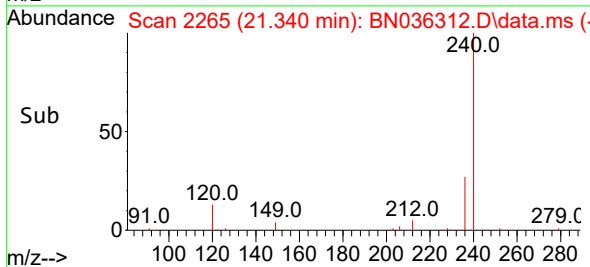
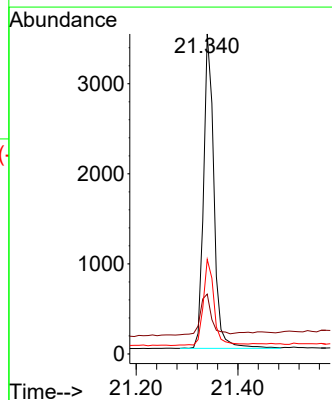
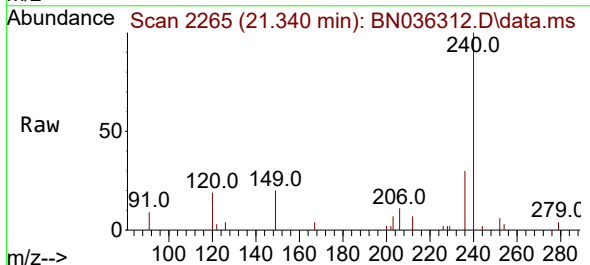
Instrument :
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BP-VPB-192-GW-340-342

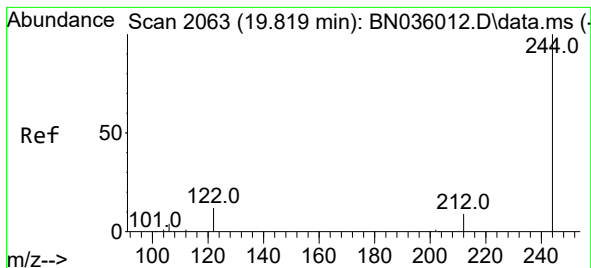
Tgt Ion:212 Resp: 5637
Ion Ratio Lower Upper
212 100
106 14.1 9.7 14.5
104 8.8 6.0 9.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BN036312.D
Acq: 06 Feb 2025 00:10

Tgt Ion:240 Resp: 4958
Ion Ratio Lower Upper
240 100
120 18.7 13.9 20.9
236 29.5 23.7 35.5





#31

Terphenyl-d14

Concen: 0.460 ng

RT: 19.787 min Scan# 2069

Delta R.T. -0.005 min

Lab File: BN036312.D

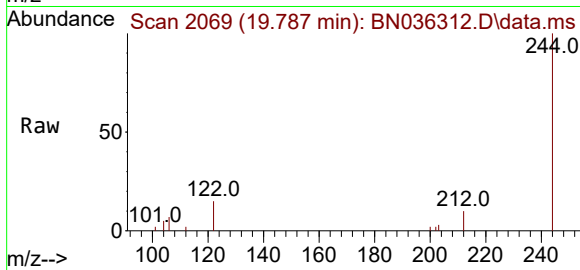
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Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-340-342



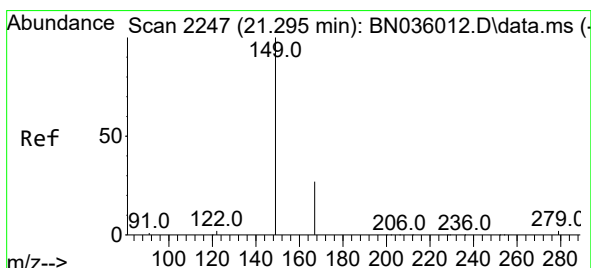
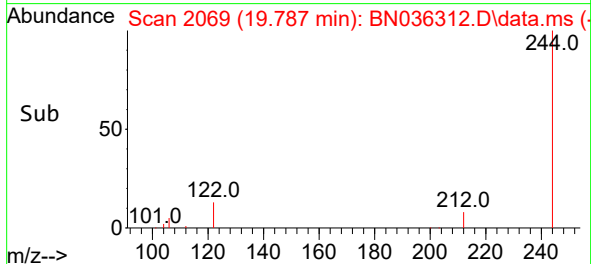
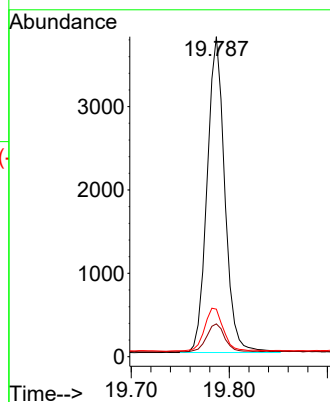
Tgt Ion:244 Resp: 4734

Ion Ratio Lower Upper

244 100

212 10.2 9.1 13.7

122 14.9 11.3 16.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.045 ng

RT: 21.259 min Scan# 2256

Delta R.T. -0.000 min

Lab File: BN036312.D

Acq: 06 Feb 2025 00:10

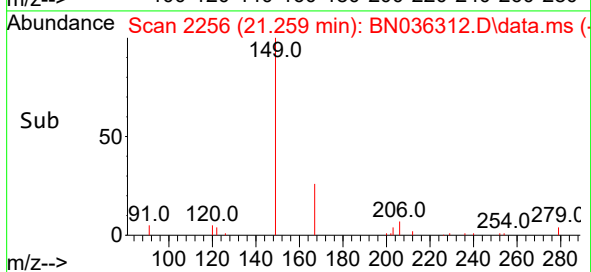
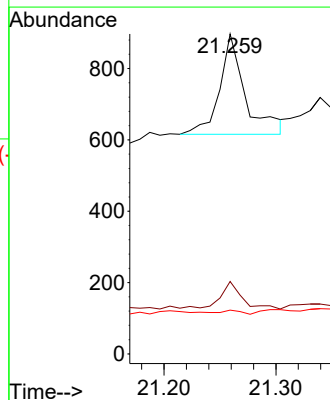
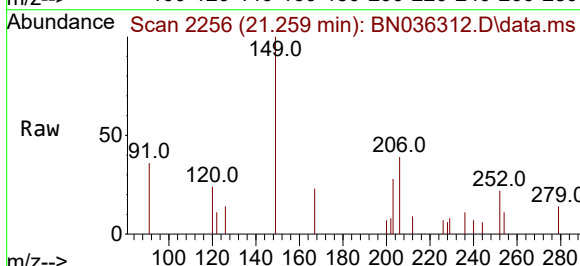
Tgt Ion:149 Resp: 445

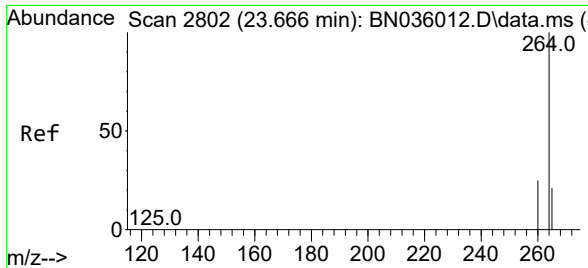
Ion Ratio Lower Upper

149 100

167 21.8 21.9 32.9#

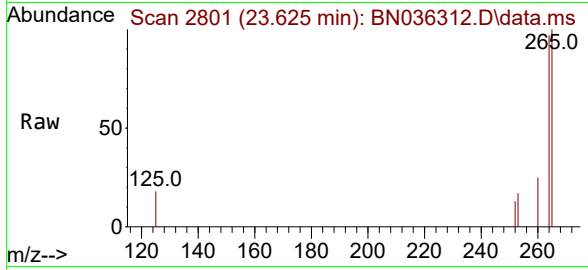
279 2.9 3.0 4.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.625 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN036312.D
Acq: 06 Feb 2025 00:10

Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-340-342



Tgt Ion: 264 Resp: 5294

Ion	Ratio	Lower	Upper
264	100		
260	25.5	21.8	32.6
265	102.6	56.6	84.8

