

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
 Data File : BN037120.D
 Acq On : 28 May 2025 21:59
 Operator : RC/JU
 Sample : Q2118-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-460-462

Quant Time: May 29 01:33:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

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

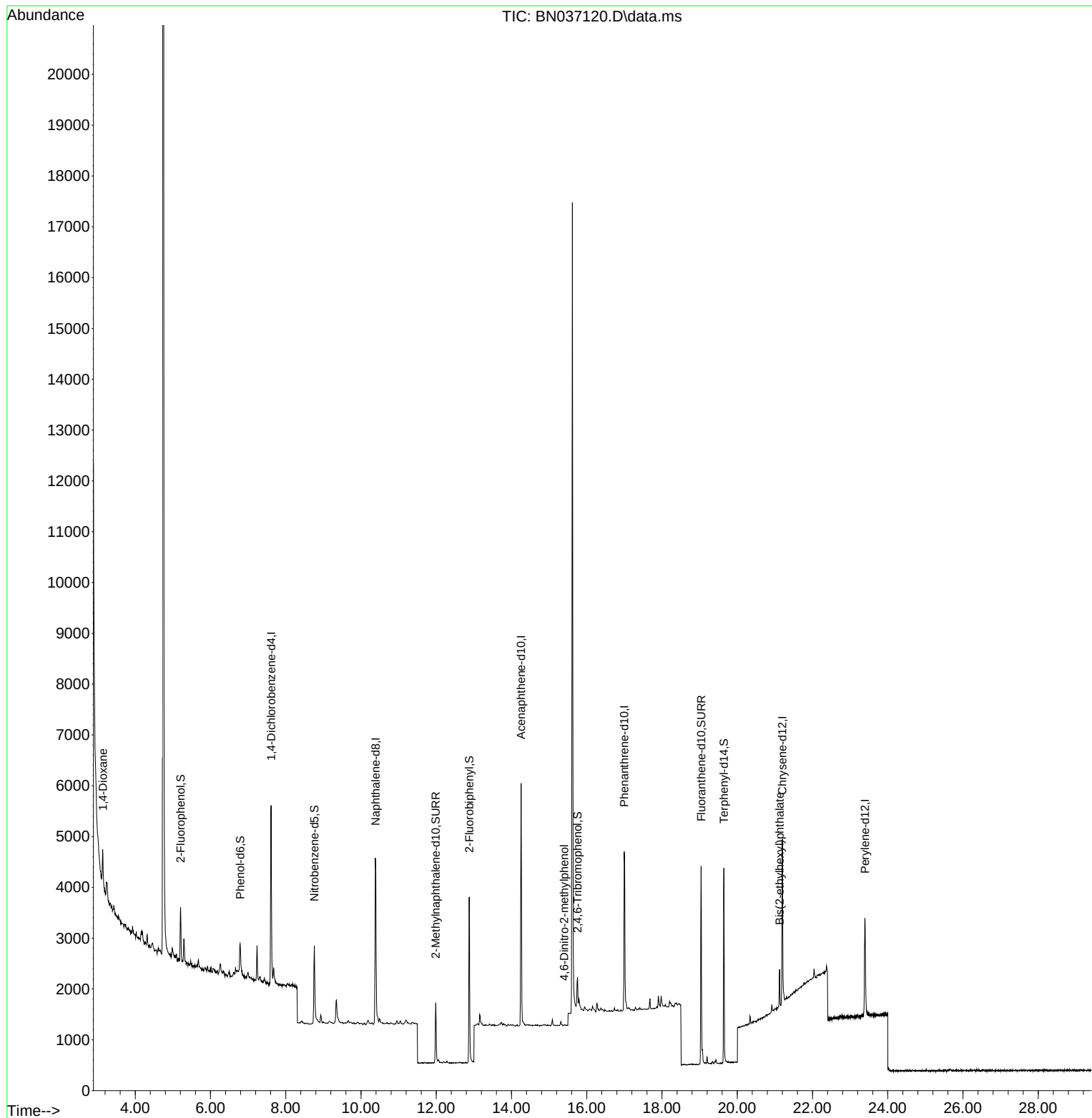
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1738	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4544	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2573	0.400	ng	-0.01
19) Phenanthrene-d10	16.996	188	4901	0.400	ng	-0.01
29) Chrysene-d12	21.198	240	3103	0.400	ng	# 0.00
35) Perylene-d12	23.395	264	2655	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	726	0.159	ng	0.00
5) Phenol-d6	6.788	99	585	0.103	ng	0.00
8) Nitrobenzene-d5	8.760	82	1383	0.280	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	1711	0.267	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	391	0.346	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	3442	0.292	ng	-0.01
27) Fluoranthene-d10	19.040	212	4381	0.326	ng	0.00
31) Terphenyl-d14	19.644	244	3629	0.547	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.141	88	361	0.169	ng	# 14
20) 4,6-Dinitro-2-methylph...	15.400	198	8	0.032	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.126	149	717	0.100	ng	# 97

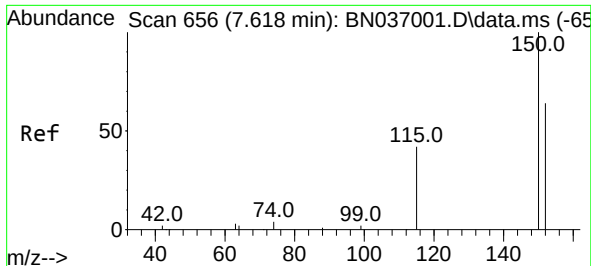
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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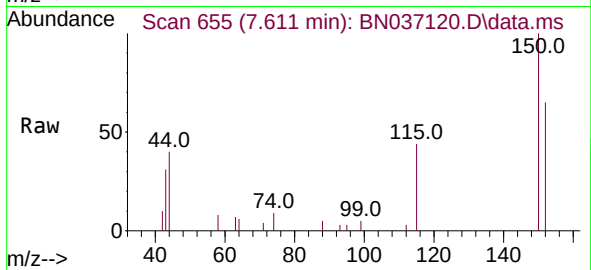
Quant Time: May 29 01:33:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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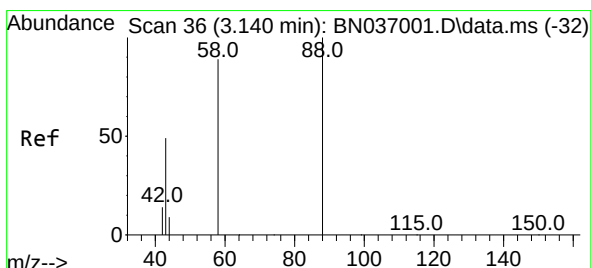
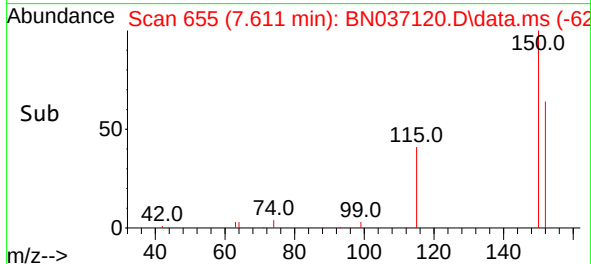
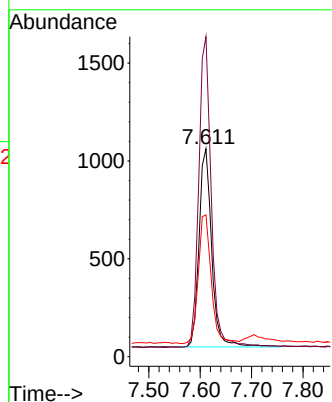
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037120.D
 Acq: 28 May 2025 21:59

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-460-462



Tgt Ion:152 Resp: 1738

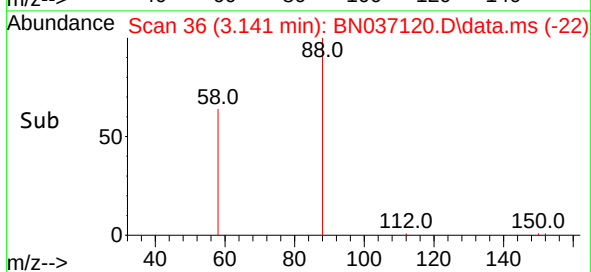
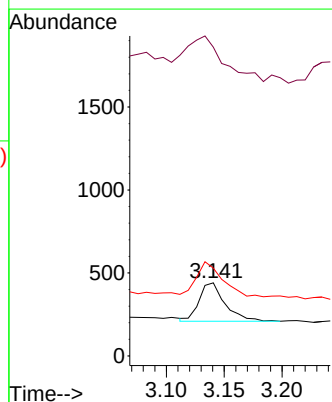
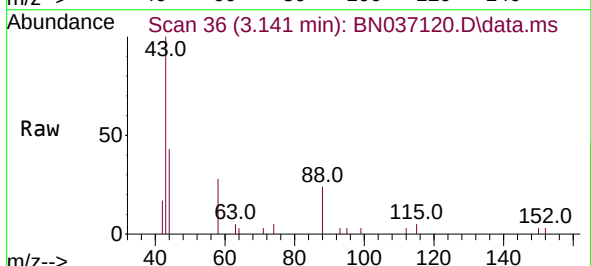
Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.9	185.9
115	68.2	55.8	83.8

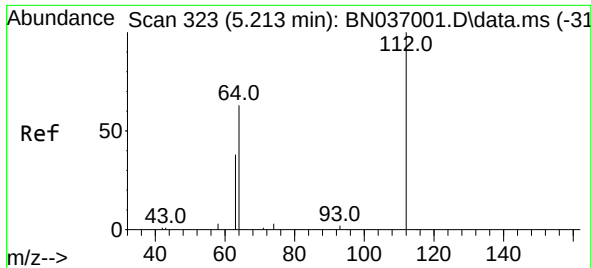


#2
 1,4-Dioxane
 Concen: 0.169 ng
 RT: 3.141 min Scan# 36
 Delta R.T. 0.001 min
 Lab File: BN037120.D
 Acq: 28 May 2025 21:59

Tgt Ion: 88 Resp: 361

Ion	Ratio	Lower	Upper
88	100		
43	197.2	37.4	56.0#
58	95.8	68.8	103.2





#4

2-Fluorophenol

Concen: 0.159 ng

RT: 5.206 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN037120.D

Acq: 28 May 2025 21:59

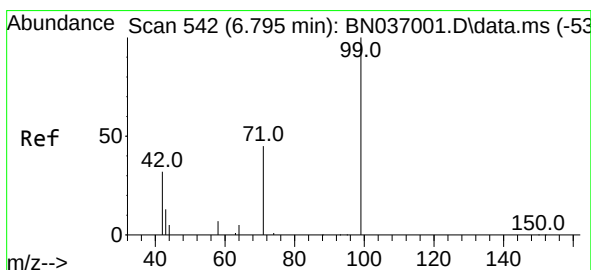
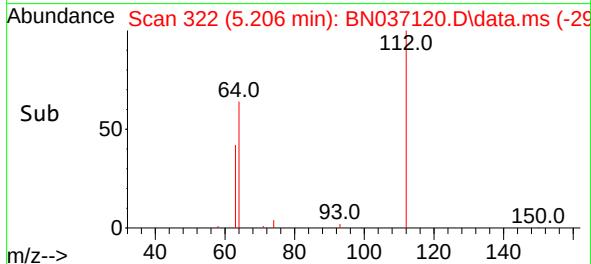
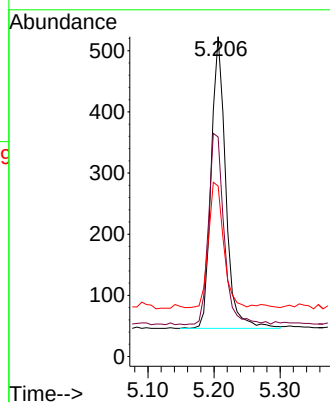
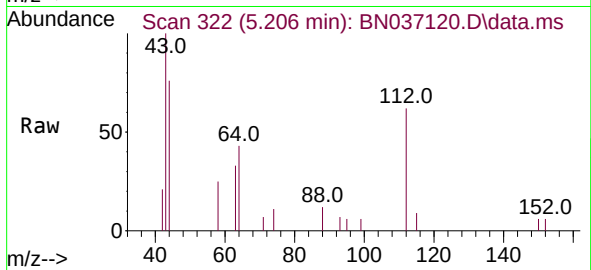
Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-460-462

Tgt Ion:	112	Resp:	726
Ion	Ratio	Lower	Upper
112	100		
64	70.1	55.7	83.5
63	44.9	34.6	51.8



#5

Phenol-d6

Concen: 0.103 ng

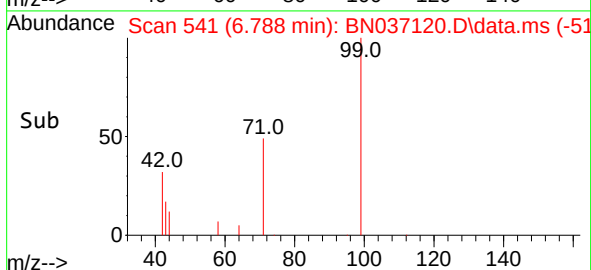
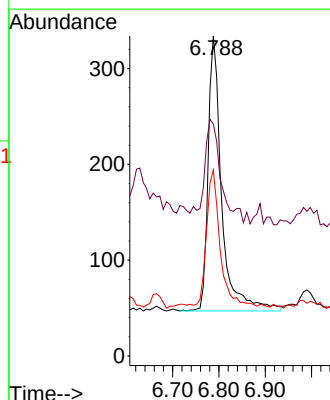
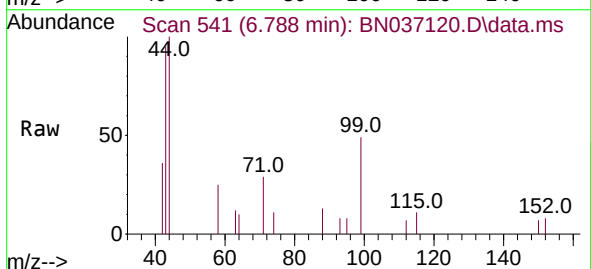
RT: 6.788 min Scan# 541

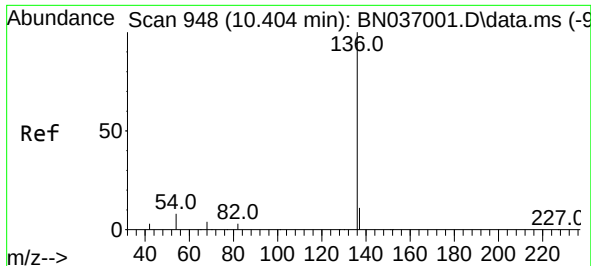
Delta R.T. -0.007 min

Lab File: BN037120.D

Acq: 28 May 2025 21:59

Tgt Ion:	99	Resp:	585
Ion	Ratio	Lower	Upper
99	100		
42	47.7	29.3	43.9#
71	48.4	35.7	53.5

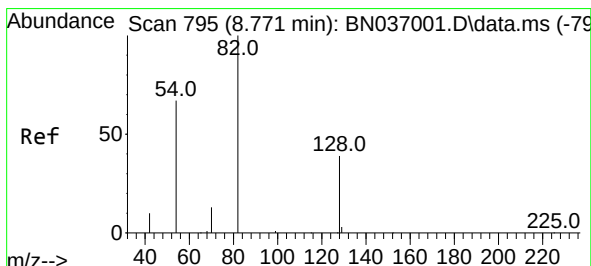
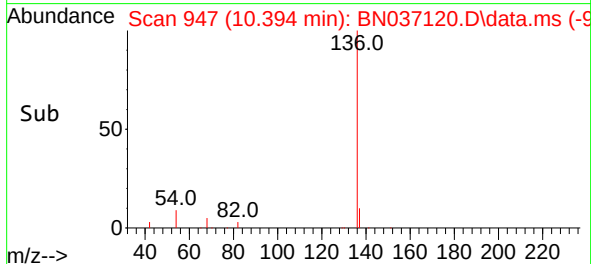
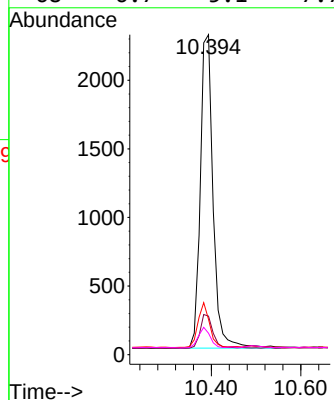
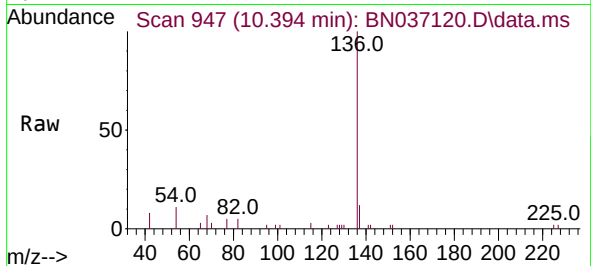




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037120.D
Acq: 28 May 2025 21:59

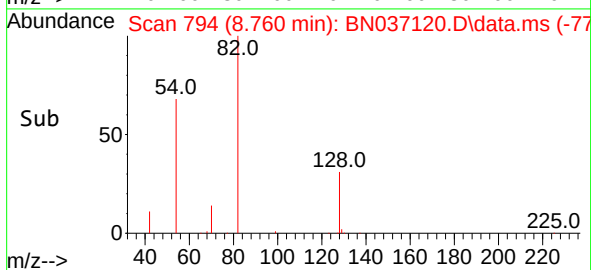
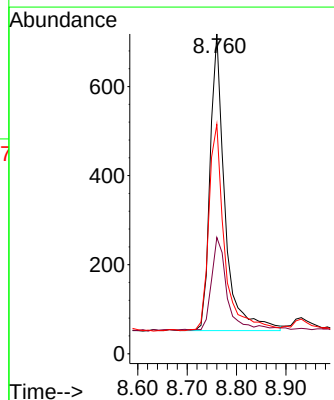
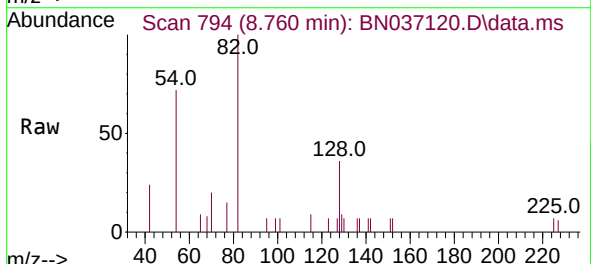
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-460-462

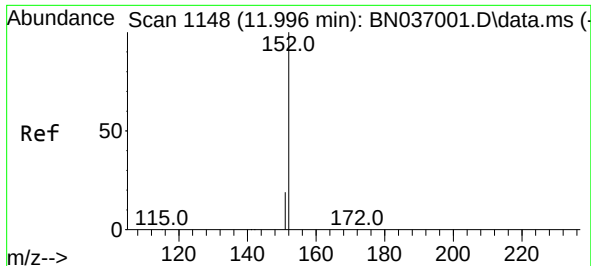
Tgt Ion:	136	Resp:	4544
Ion Ratio	Lower	Upper	
136	100		
137	12.0	10.4	15.6
54	11.1	8.5	12.7
68	6.7	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037120.D
Acq: 28 May 2025 21:59

Tgt Ion:	82	Resp:	1383
Ion Ratio	Lower	Upper	
82	100		
128	36.4	34.0	51.0
54	71.7	55.0	82.4

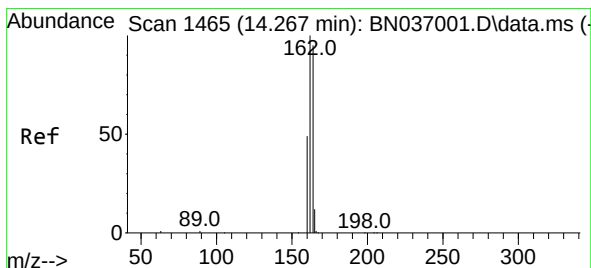
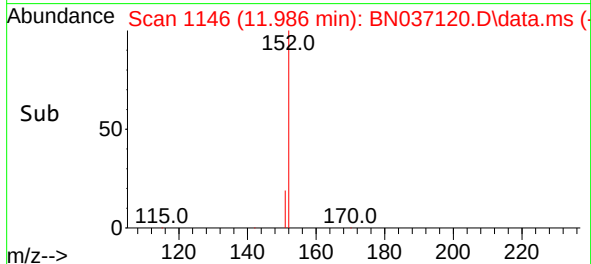
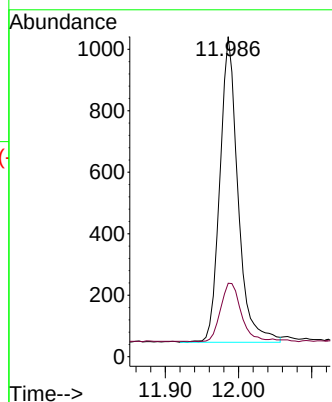
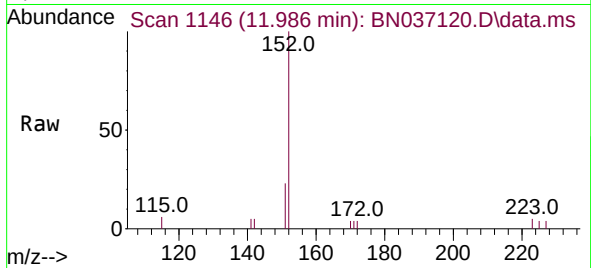




#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 11.986 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN037120.D
Acq: 28 May 2025 21:59

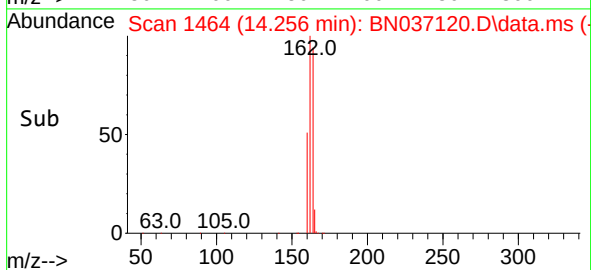
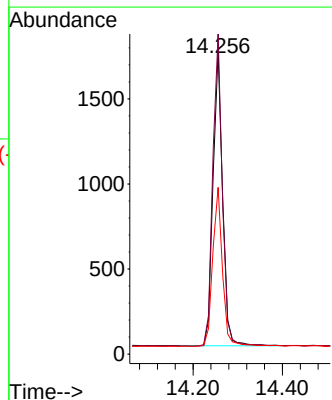
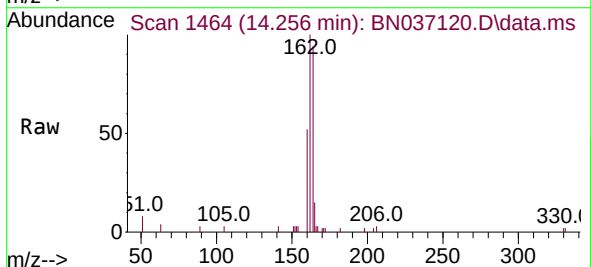
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-460-462

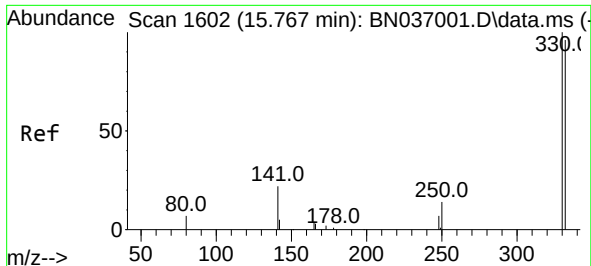
Tgt Ion:152 Resp: 1711
Ion Ratio Lower Upper
152 100
151 21.7 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037120.D
Acq: 28 May 2025 21:59

Tgt Ion:164 Resp: 2573
Ion Ratio Lower Upper
164 100
162 105.9 84.2 126.4
160 55.1 42.6 63.8

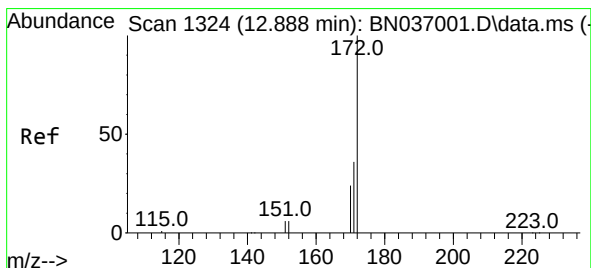
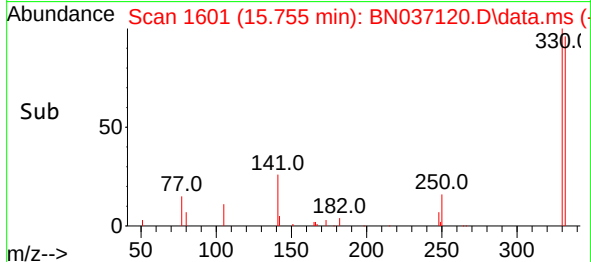
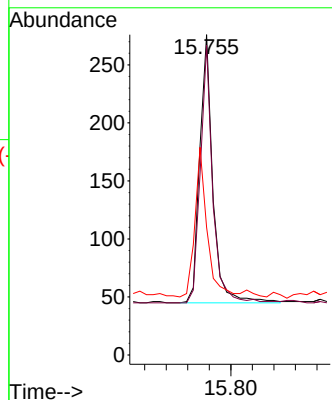
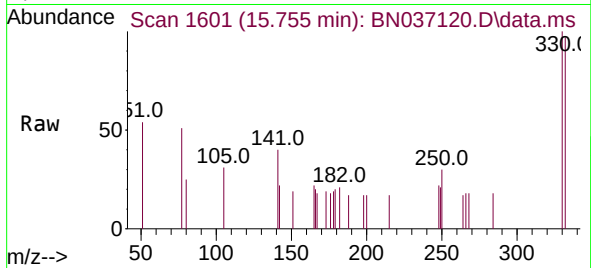




#14
2,4,6-Tribromophenol
Concen: 0.346 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037120.D
Acq: 28 May 2025 21:59

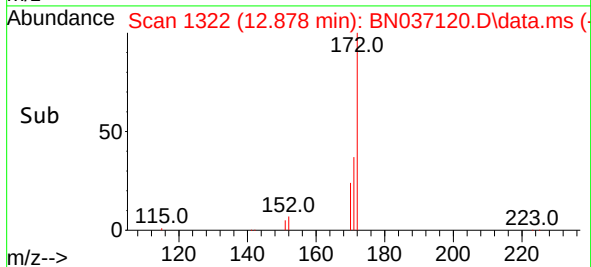
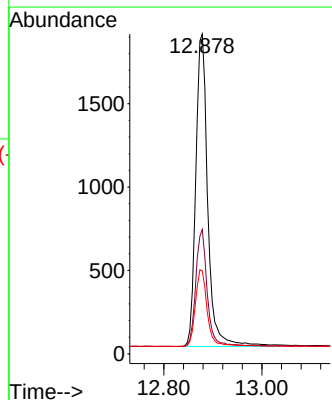
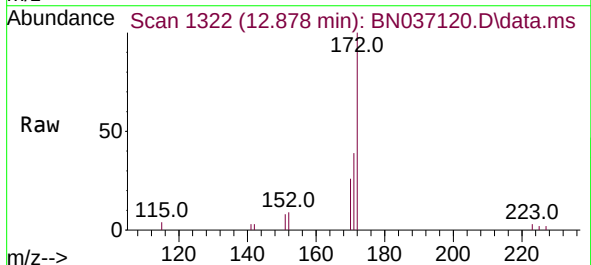
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-460-462

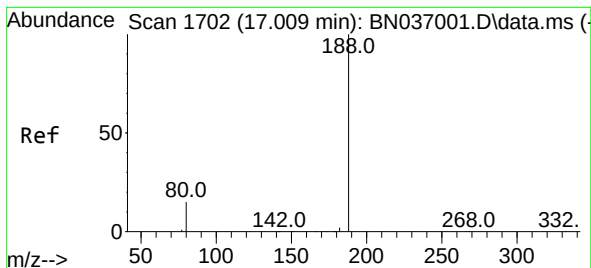
Tgt Ion:330 Resp: 391
Ion Ratio Lower Upper
330 100
332 90.3 73.8 110.8
141 52.9 43.9 65.9



#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 12.878 min Scan# 1322
Delta R.T. -0.010 min
Lab File: BN037120.D
Acq: 28 May 2025 21:59

Tgt Ion:172 Resp: 3442
Ion Ratio Lower Upper
172 100
171 38.9 29.2 43.8
170 26.0 20.5 30.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.996 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN037120.D

Acq: 28 May 2025 21:59

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-460-462

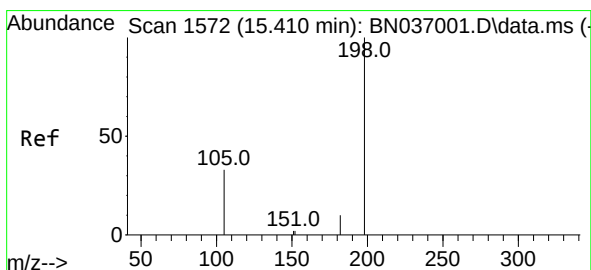
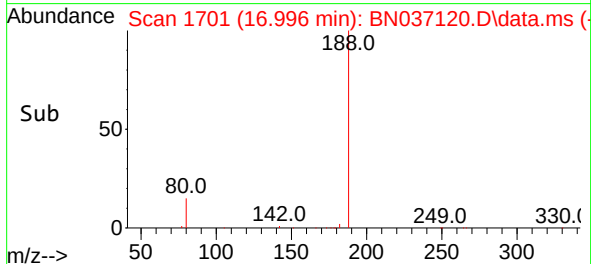
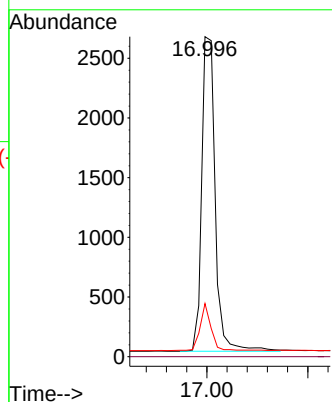
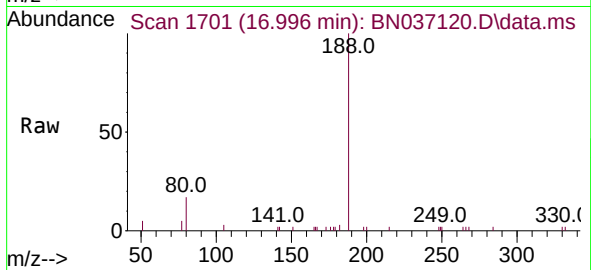
Tgt Ion:188 Resp: 4901

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.6 13.4 20.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.032 ng

RT: 15.400 min Scan# 1571

Delta R.T. -0.010 min

Lab File: BN037120.D

Acq: 28 May 2025 21:59

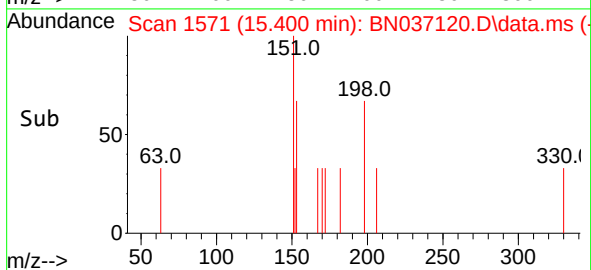
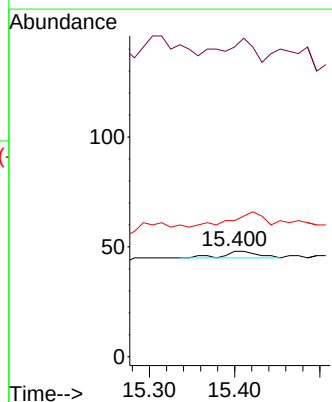
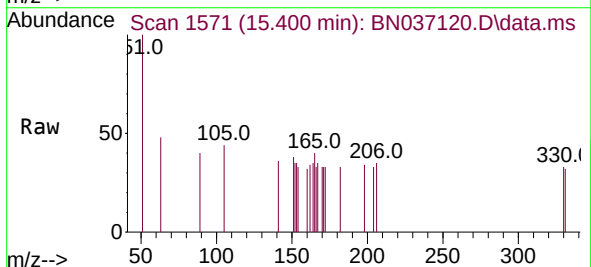
Tgt Ion:198 Resp: 8

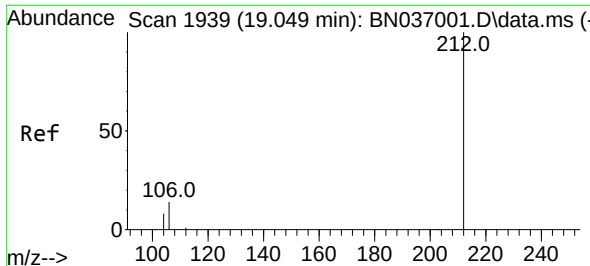
Ion Ratio Lower Upper

198 100

51 293.8 87.8 131.6#

105 129.2 44.2 66.4#

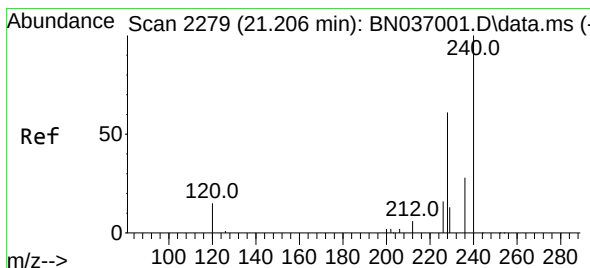
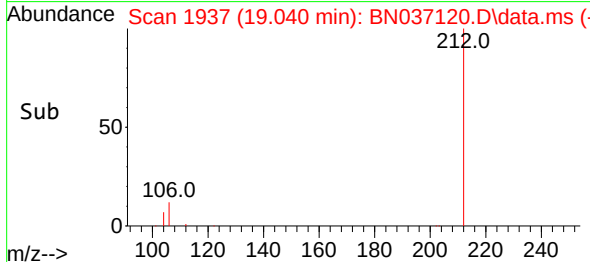
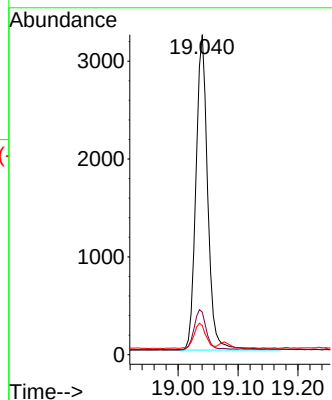
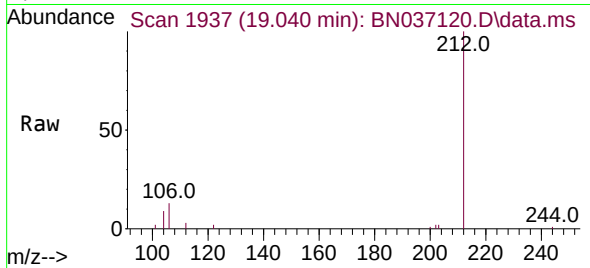




#27
Fluoranthene-d10
Concen: 0.326 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037120.D
Acq: 28 May 2025 21:59

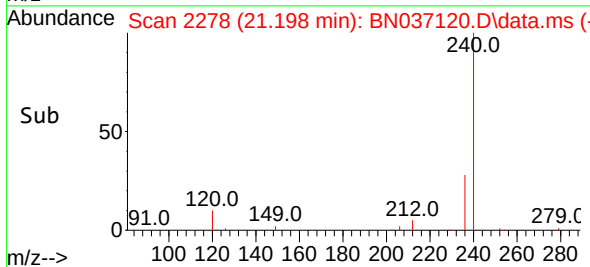
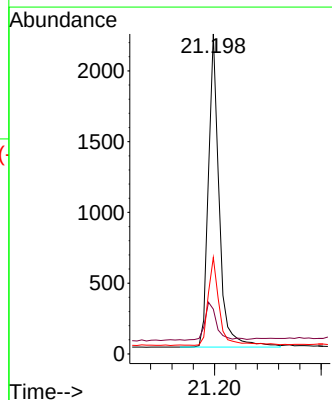
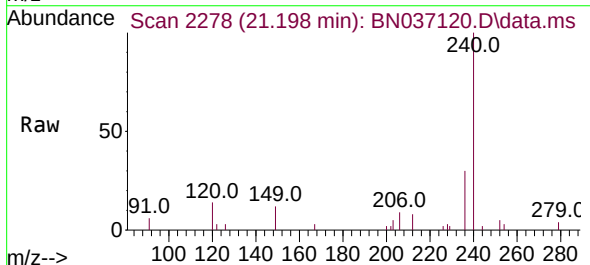
Instrument :
BNA_N
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BP-VPB-182-GW-460-462

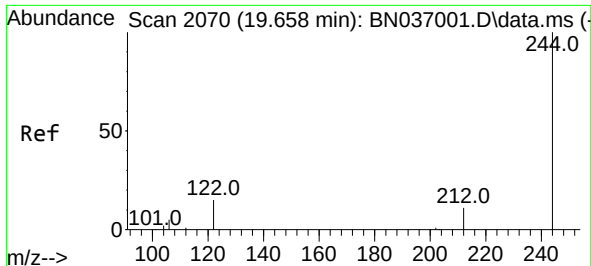
Tgt Ion:212 Resp: 4381
Ion Ratio Lower Upper
212 100
106 13.0 11.3 16.9
104 8.0 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.198 min Scan# 2278
Delta R.T. -0.009 min
Lab File: BN037120.D
Acq: 28 May 2025 21:59

Tgt Ion:240 Resp: 3103
Ion Ratio Lower Upper
240 100
120 14.0 15.1 22.7#
236 30.2 24.0 36.0

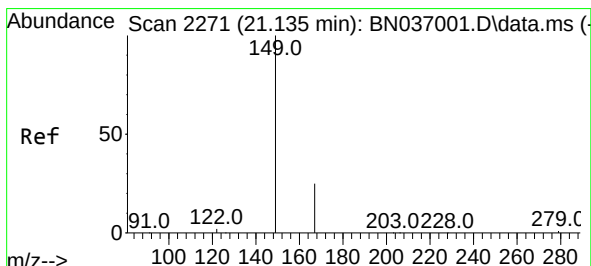
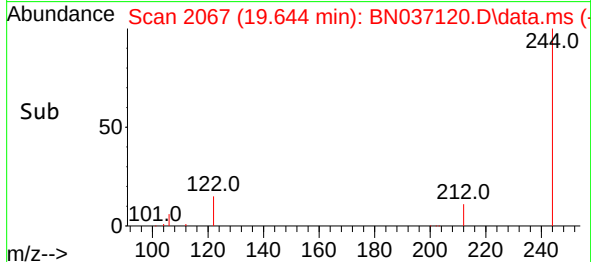
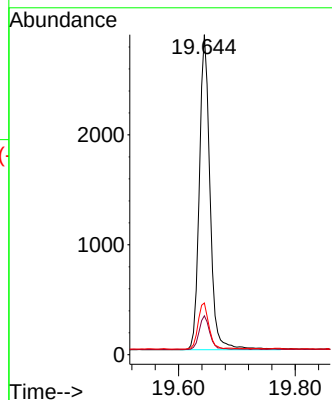
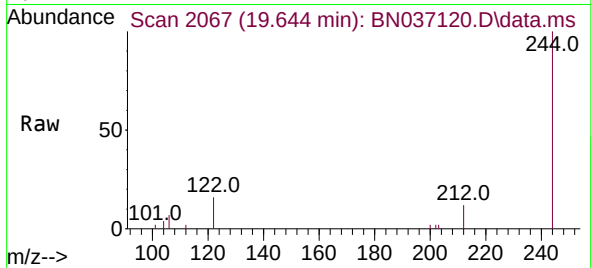




#31
 Terphenyl-d14
 Concen: 0.547 ng
 RT: 19.644 min Scan# 2070
 Delta R.T. -0.014 min
 Lab File: BN037120.D
 Acq: 28 May 2025 21:59

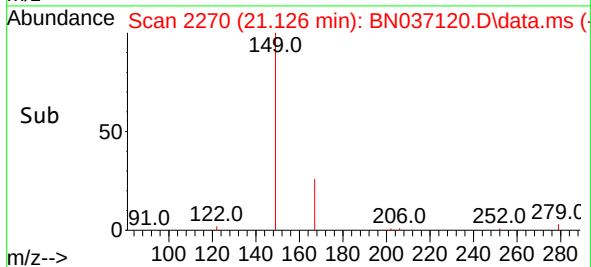
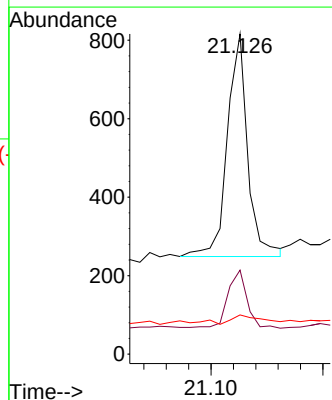
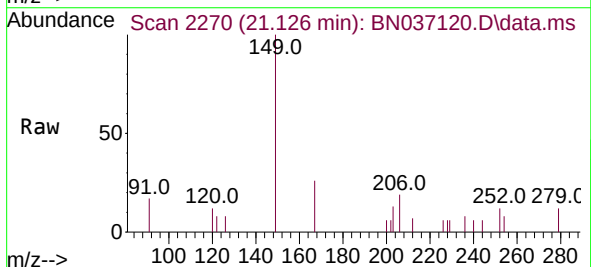
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-460-462

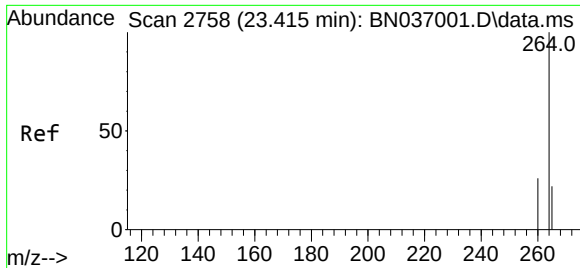
Tgt Ion:244 Resp: 3629
 Ion Ratio Lower Upper
 244 100
 212 12.2 9.7 14.5
 122 16.2 13.4 20.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.100 ng
 RT: 21.126 min Scan# 2270
 Delta R.T. -0.009 min
 Lab File: BN037120.D
 Acq: 28 May 2025 21:59

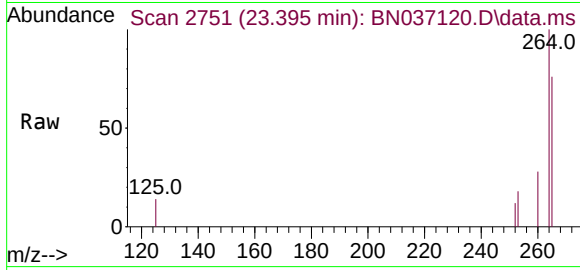
Tgt Ion:149 Resp: 717
 Ion Ratio Lower Upper
 149 100
 167 24.7 20.6 30.8
 279 6.3 2.6 3.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.395 min Scan# 21
 Delta R.T. -0.020 min
 Lab File: BN037120.D
 Acq: 28 May 2025 21:59

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-460-462



Tgt Ion: 264 Resp: 2655

Ion	Ratio	Lower	Upper
264	100		
260	28.4	21.9	32.9
265	76.4	51.6	77.4

