

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
 Data File : BN037119.D
 Acq On : 28 May 2025 21:23
 Operator : RC/JU
 Sample : Q2118-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-420-422

Quant Time: May 29 01:33:16 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)

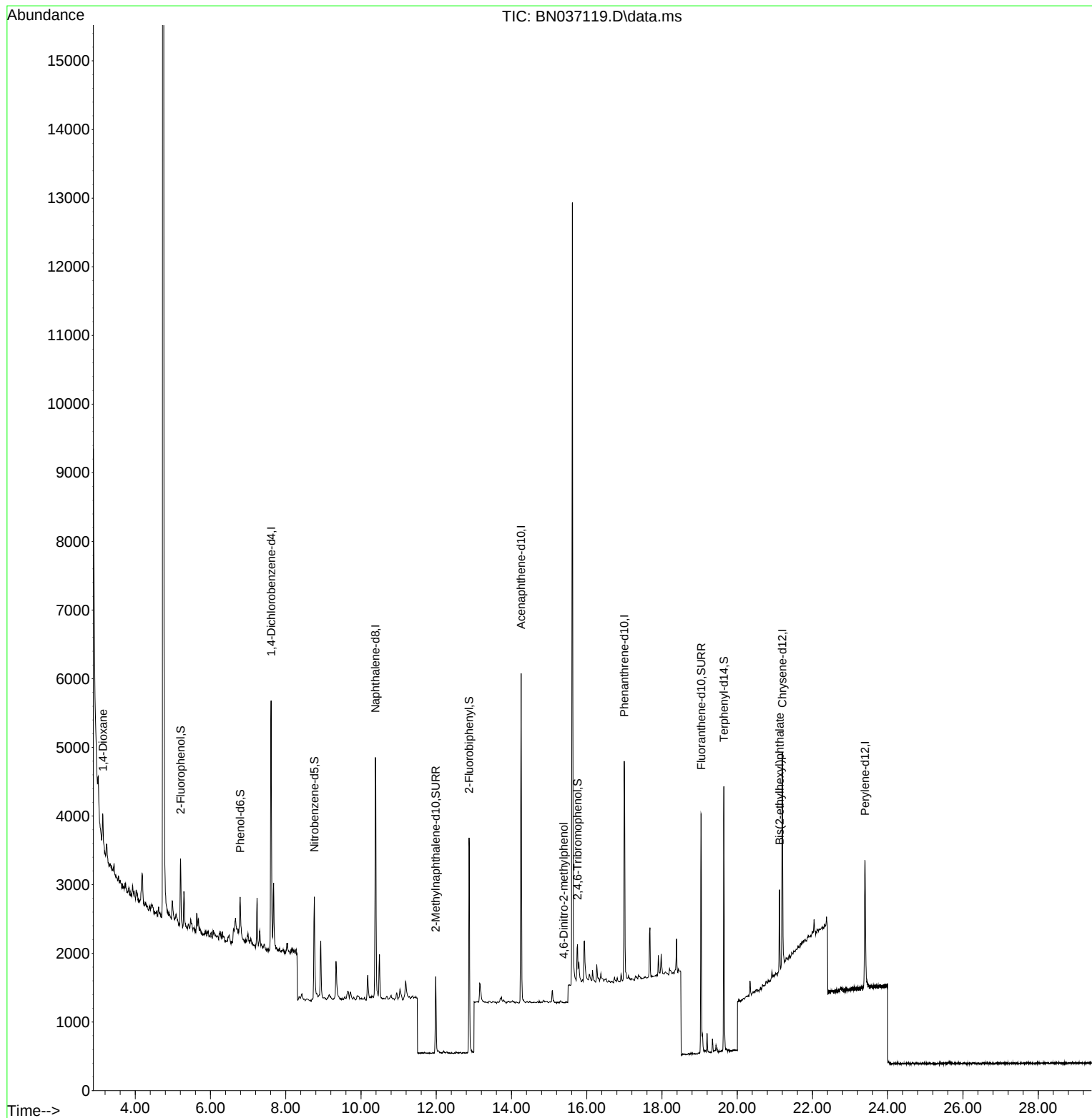
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1732	0.400	ng	0.00
7) Naphthalene-d8	10.383	136	4605	0.400	ng	#-0.02
13) Acenaphthene-d10	14.256	164	2564	0.400	ng	-0.01
19) Phenanthrene-d10	16.996	188	4688	0.400	ng	-0.01
29) Chrysene-d12	21.198	240	2999	0.400	ng	# 0.00
35) Perylene-d12	23.395	264	2610	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	640	0.141	ng	0.00
5) Phenol-d6	6.788	99	505	0.089	ng	0.00
8) Nitrobenzene-d5	8.760	82	1316	0.262	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	1570	0.242	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	329	0.292	ng	-0.01
15) 2-Fluorobiphenyl	12.873	172	2962	0.252	ng	-0.02
27) Fluoranthene-d10	19.040	212	3980	0.310	ng	0.00
31) Terphenyl-d14	19.644	244	3520	0.549	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.141	88	266	0.125	ng	# 19
20) 4,6-Dinitro-2-methylph...	15.389	198	1	0.025	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.126	149	1216	0.175	ng	# 99

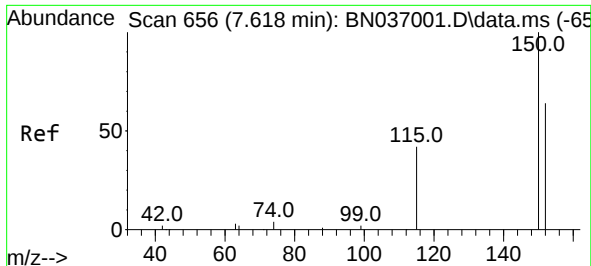
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
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BP-VPB-182-GW-420-422

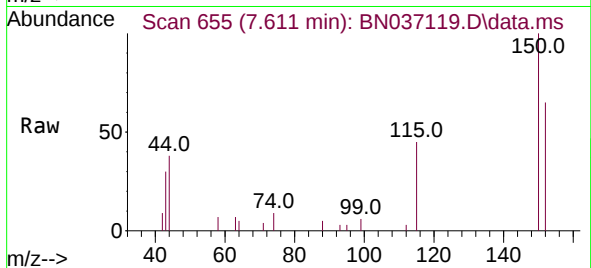
Quant Time: May 29 01:33:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration





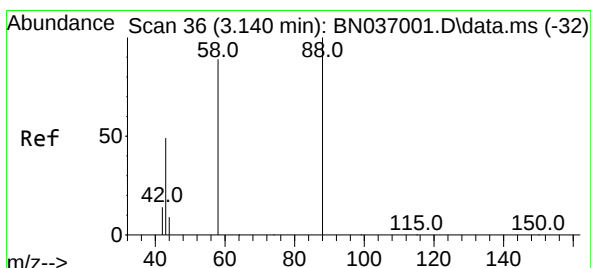
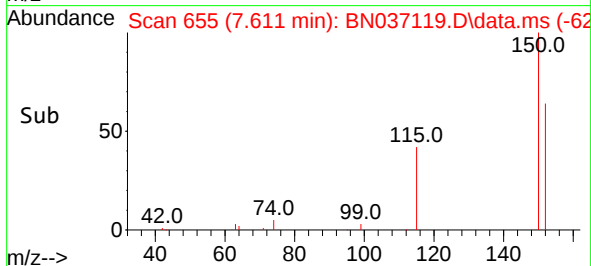
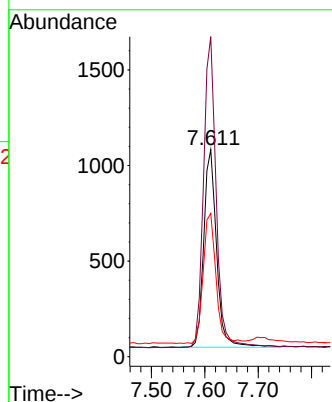
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037119.D
 Acq: 28 May 2025 21:23

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-420-422



Tgt Ion:152 Resp: 1732

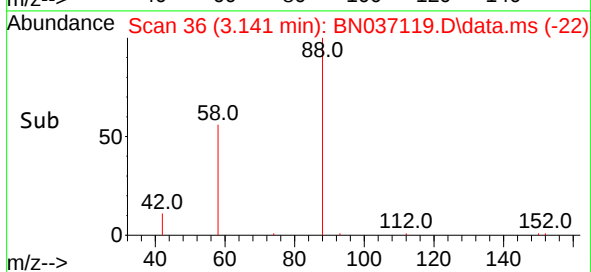
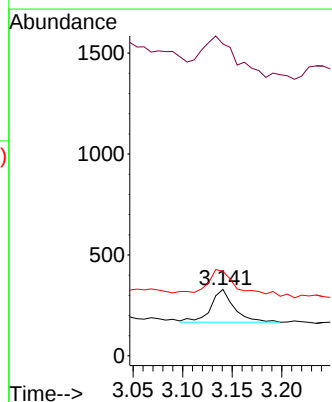
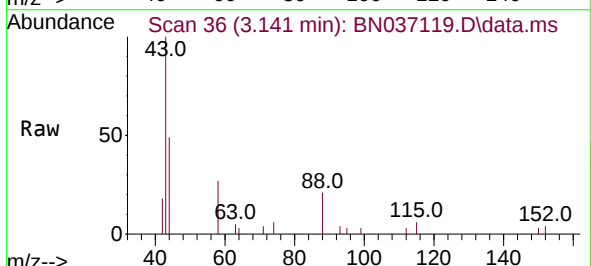
Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.9	185.9
115	69.2	55.8	83.8

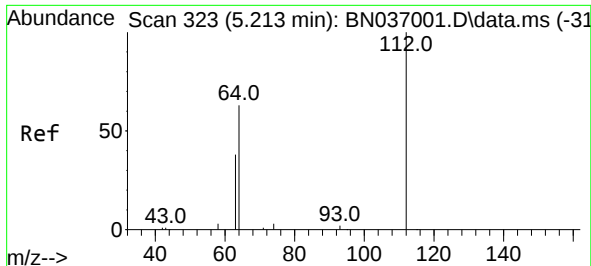


#2
 1,4-Dioxane
 Concen: 0.125 ng
 RT: 3.141 min Scan# 36
 Delta R.T. 0.001 min
 Lab File: BN037119.D
 Acq: 28 May 2025 21:23

Tgt Ion: 88 Resp: 266

Ion	Ratio	Lower	Upper
88	100		
43	183.8	37.4	56.0
58	97.7	68.8	103.2

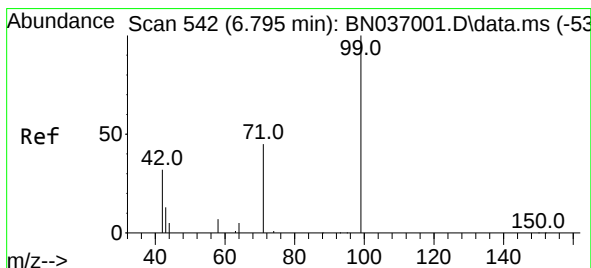
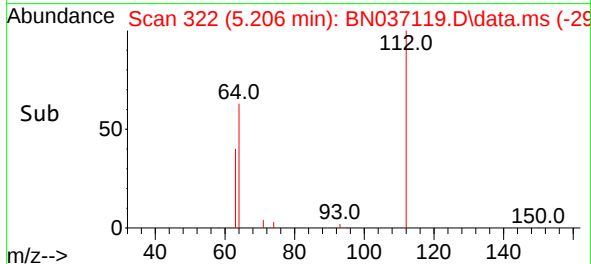
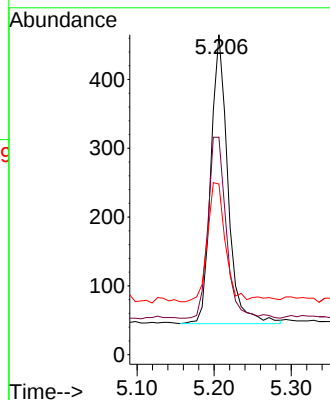
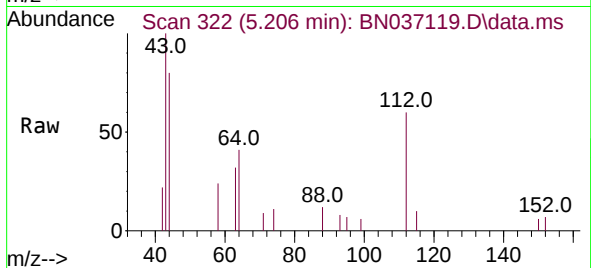




#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.206 min Scan# 311
Delta R.T. -0.007 min
Lab File: BN037119.D
Acq: 28 May 2025 21:23

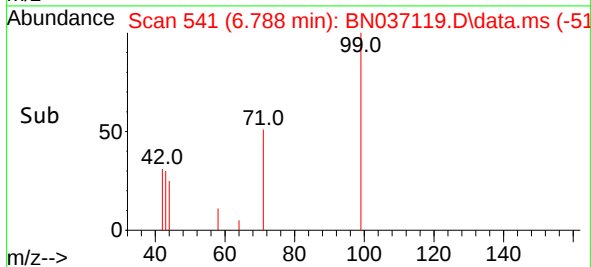
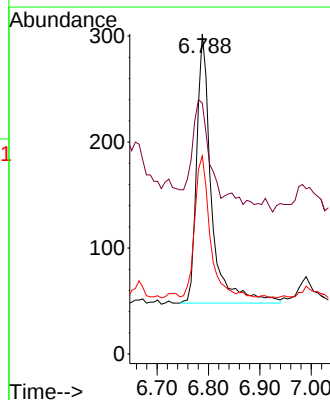
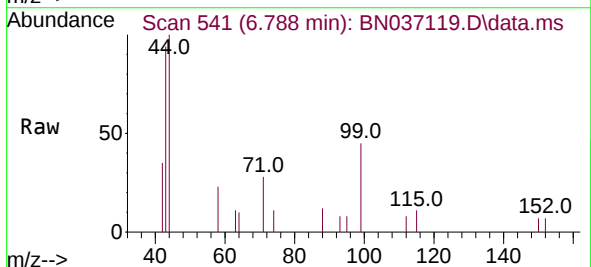
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-420-422

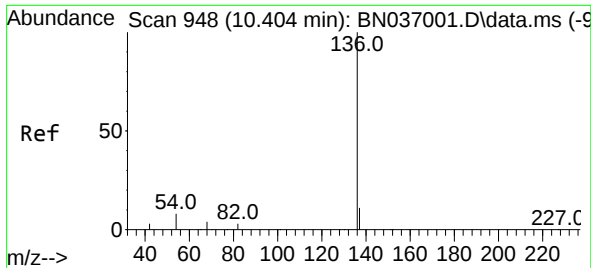
Tgt Ion:112 Resp: 640
Ion Ratio Lower Upper
112 100
64 67.0 55.7 83.5
63 43.1 34.6 51.8



#5
Phenol-d6
Concen: 0.089 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037119.D
Acq: 28 May 2025 21:23

Tgt Ion: 99 Resp: 505
Ion Ratio Lower Upper
99 100
42 36.4 29.3 43.9
71 53.7 35.7 53.5#

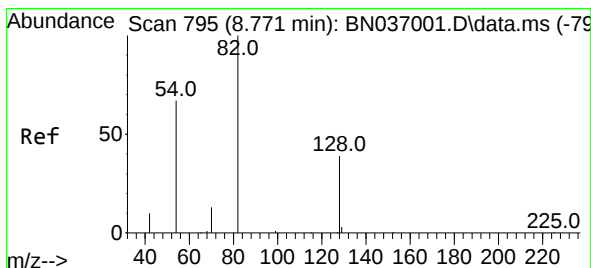
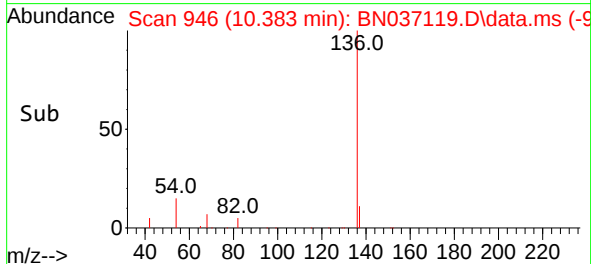
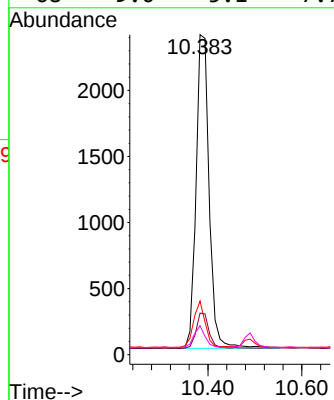
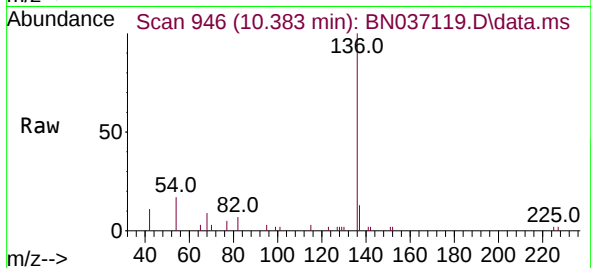




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.383 min Scan# 94
Delta R.T. -0.021 min
Lab File: BN037119.D
Acq: 28 May 2025 21:23

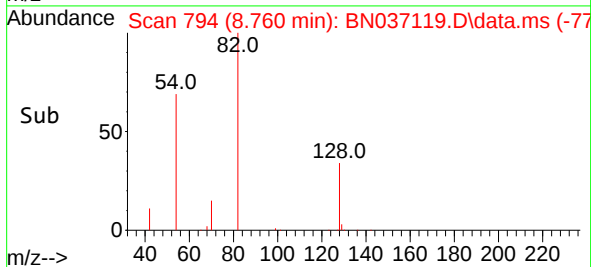
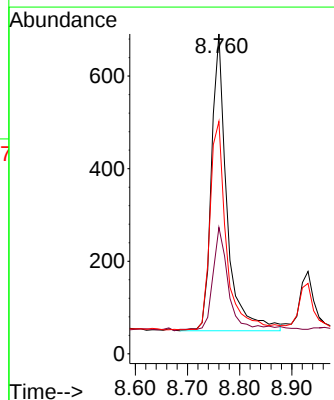
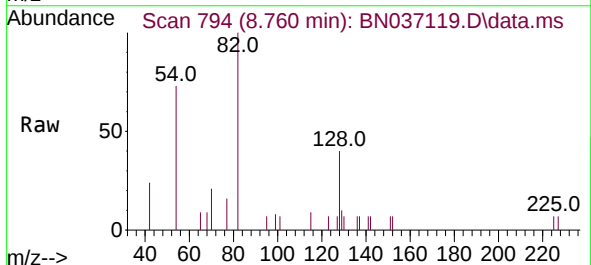
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-420-422

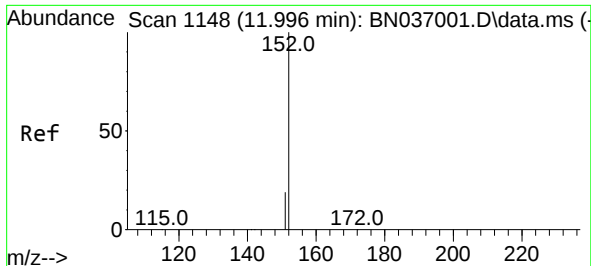
Tgt Ion:	136	Resp:	4605
Ion Ratio	Lower	Upper	
136	100		
137	13.0	10.4	15.6
54	16.8	8.5	12.7#
68	9.0	5.1	7.7#



#8
Nitrobenzene-d5
Concen: 0.262 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037119.D
Acq: 28 May 2025 21:23

Tgt Ion:	82	Resp:	1316
Ion Ratio	Lower	Upper	
82	100		
128	39.5	34.0	51.0
54	72.6	55.0	82.4

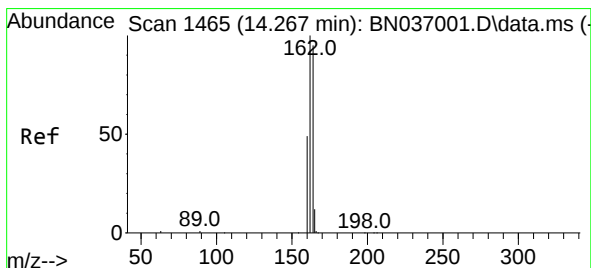
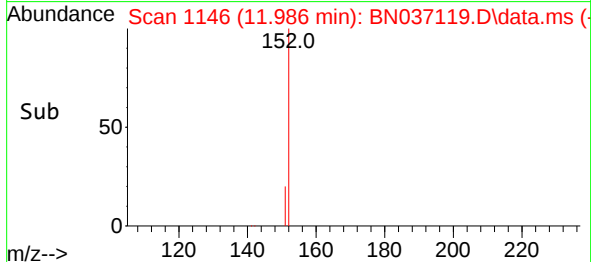
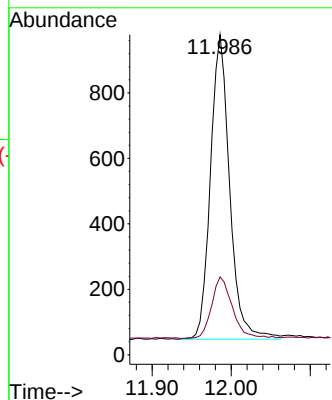
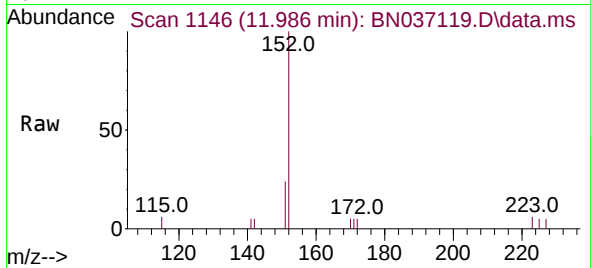




#11
2-Methylnaphthalene-d10
Concen: 0.242 ng
RT: 11.986 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN037119.D
Acq: 28 May 2025 21:23

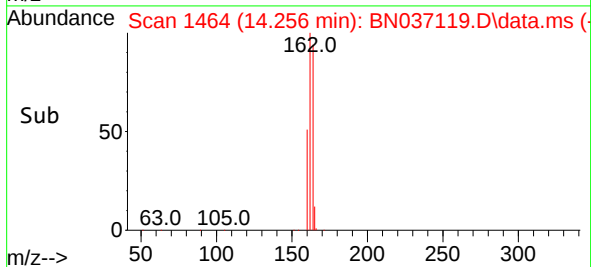
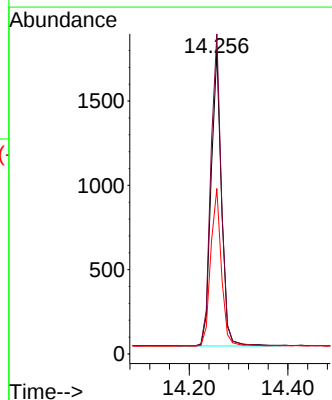
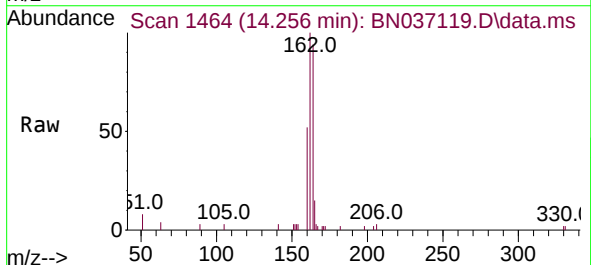
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-420-422

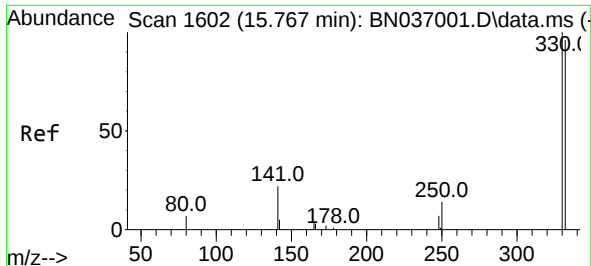
Tgt Ion:152 Resp: 1570
Ion Ratio Lower Upper
152 100
151 22.0 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037119.D
Acq: 28 May 2025 21:23

Tgt Ion:164 Resp: 2564
Ion Ratio Lower Upper
164 100
162 106.0 84.2 126.4
160 54.8 42.6 63.8

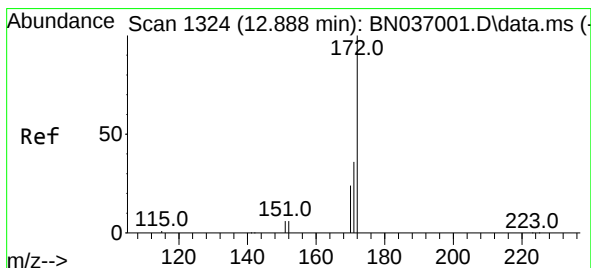
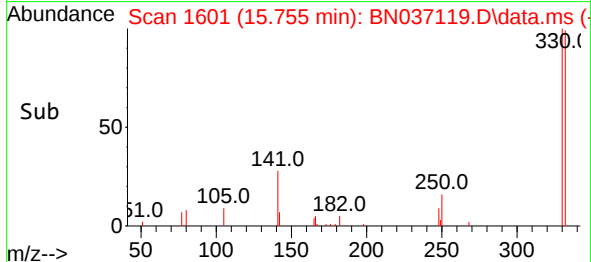
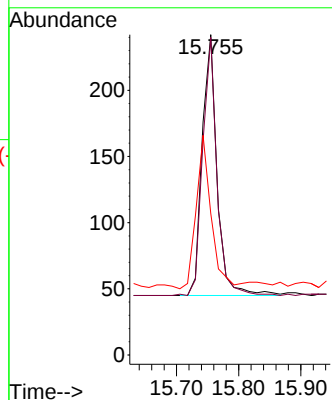
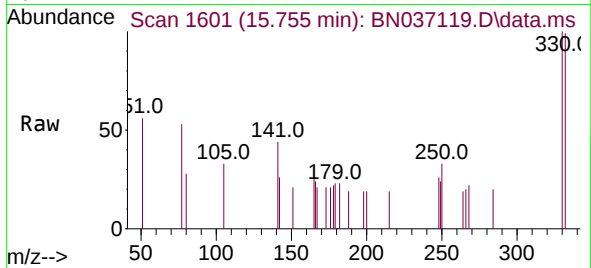




#14
2,4,6-Tribromophenol
Concen: 0.292 ng
RT: 15.755 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037119.D
Acq: 28 May 2025 21:23

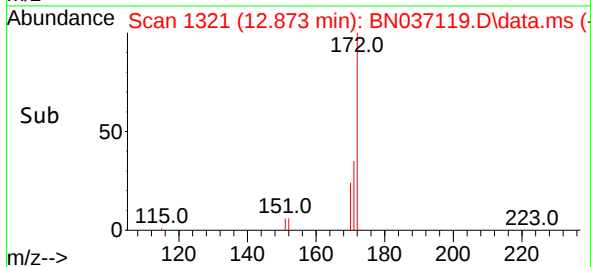
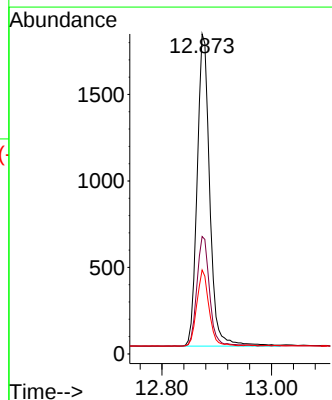
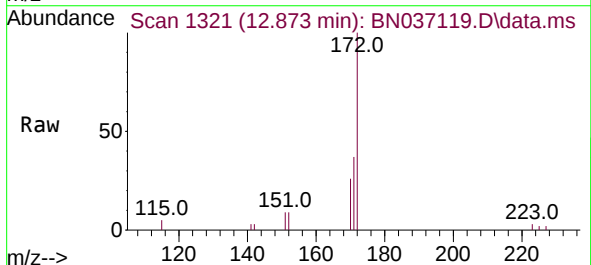
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-420-422

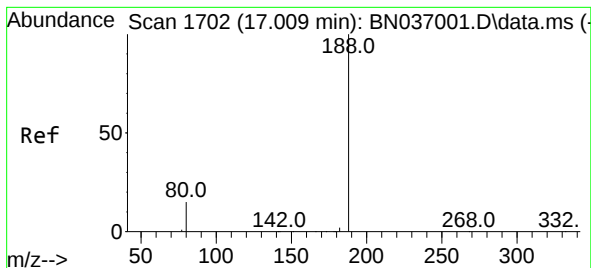
Tgt Ion:330 Resp: 329
Ion Ratio Lower Upper
330 100
332 94.5 73.8 110.8
141 59.6 43.9 65.9



#15
2-Fluorobiphenyl
Concen: 0.252 ng
RT: 12.873 min Scan# 1321
Delta R.T. -0.015 min
Lab File: BN037119.D
Acq: 28 May 2025 21:23

Tgt Ion:172 Resp: 2962
Ion Ratio Lower Upper
172 100
171 36.7 29.2 43.8
170 26.2 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: BN037119.D

Acq: 28 May 2025 21:23

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-420-422

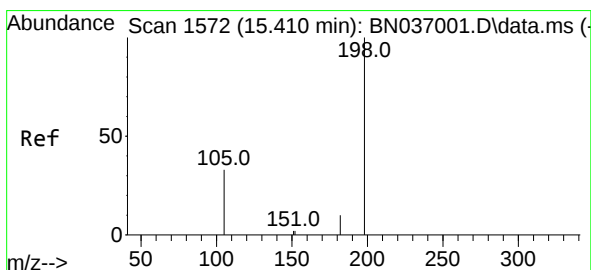
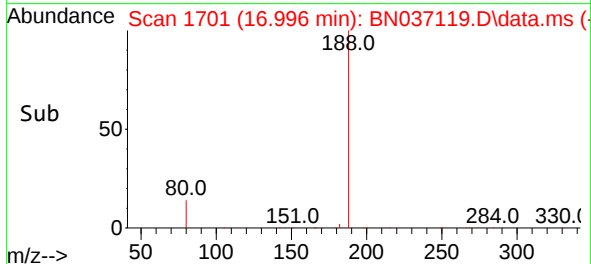
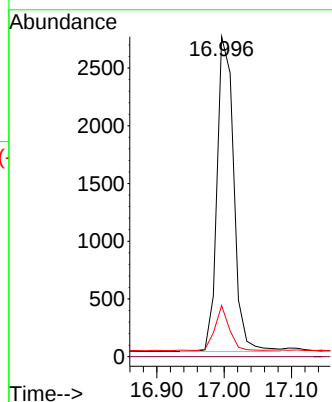
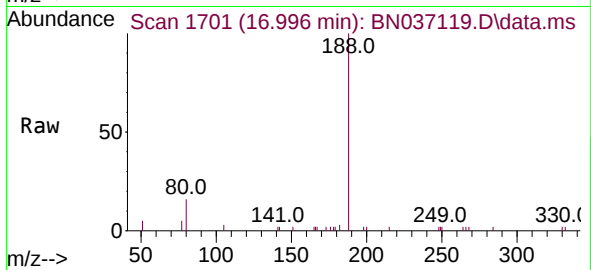
Tgt Ion:188 Resp: 4688

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.0 13.4 20.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.025 ng

RT: 15.389 min Scan# 1570

Delta R.T. -0.021 min

Lab File: BN037119.D

Acq: 28 May 2025 21:23

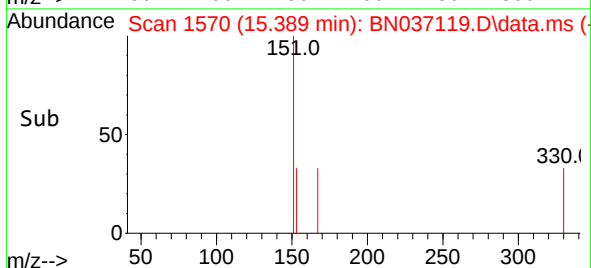
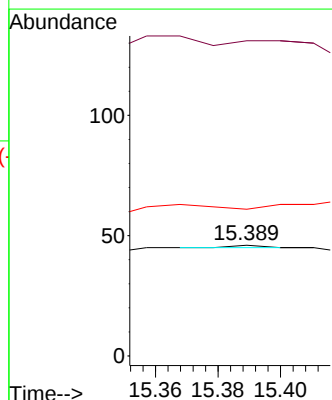
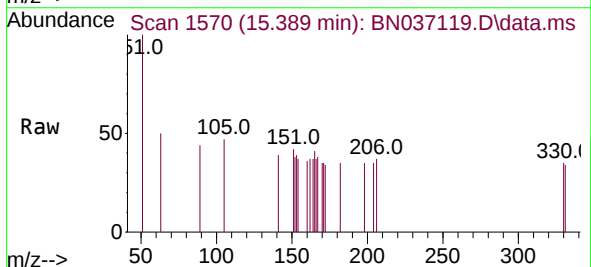
Tgt Ion:198 Resp: 1

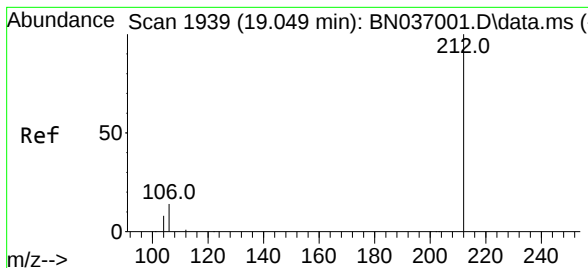
Ion Ratio Lower Upper

198 100

51 284.8 87.8 131.6#

105 132.6 44.2 66.4#





#27

Fluoranthene-d10

Concen: 0.310 ng

RT: 19.040 min Scan# 1937

Delta R.T. -0.009 min

Lab File: BN037119.D

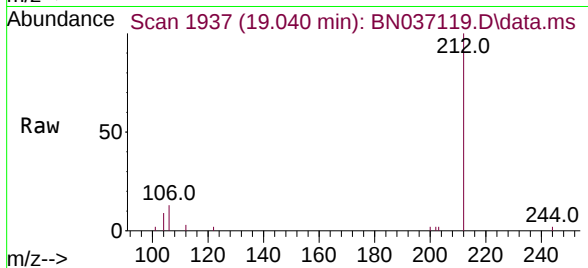
Acq: 28 May 2025 21:23

Instrument :

BNA_N

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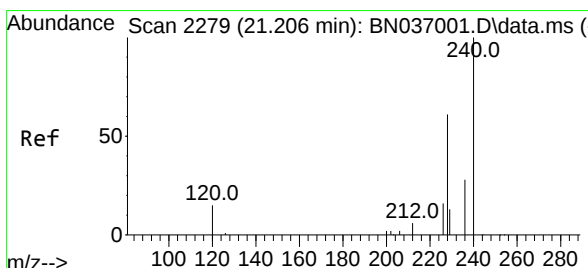
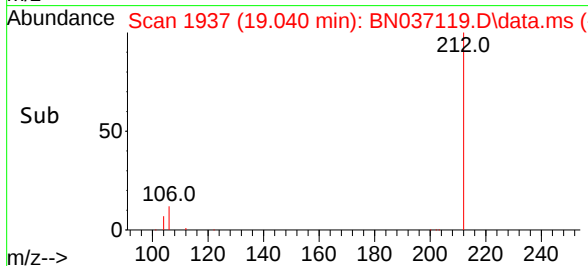
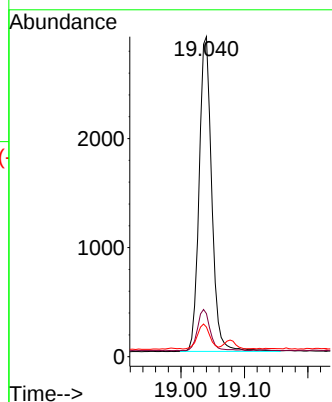
Tgt Ion:212 Resp: 3980

Ion Ratio Lower Upper

212 100

106 13.0 11.3 16.9

104 7.7 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: BN037119.D

Acq: 28 May 2025 21:23

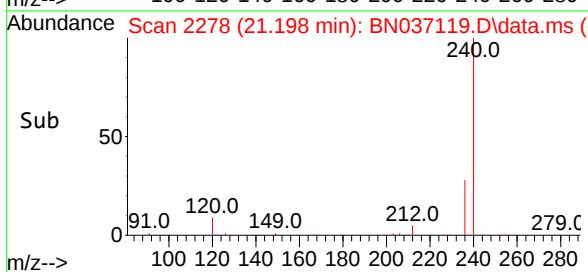
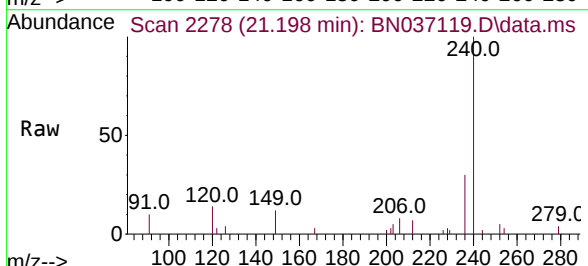
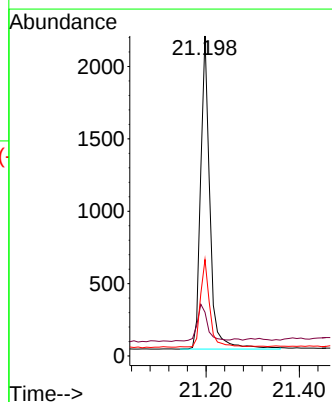
Tgt Ion:240 Resp: 2999

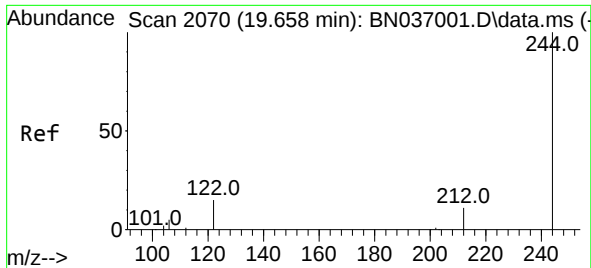
Ion Ratio Lower Upper

240 100

120 13.7 15.1 22.7#

236 30.2 24.0 36.0

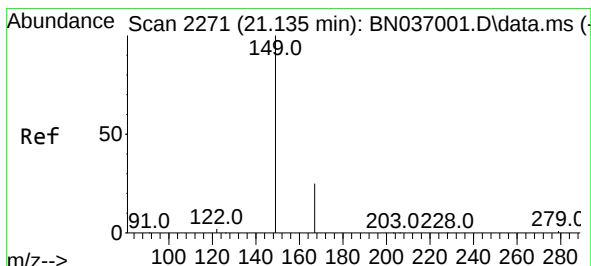
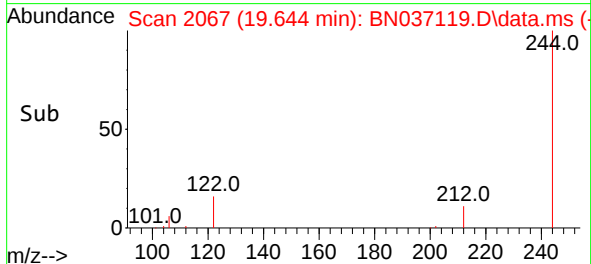
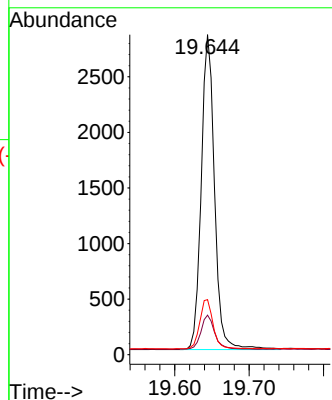
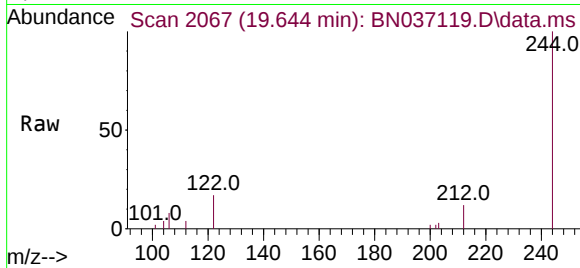




#31
 Terphenyl-d14
 Concen: 0.549 ng
 RT: 19.644 min Scan# 2070
 Delta R.T. -0.014 min
 Lab File: BN037119.D
 Acq: 28 May 2025 21:23

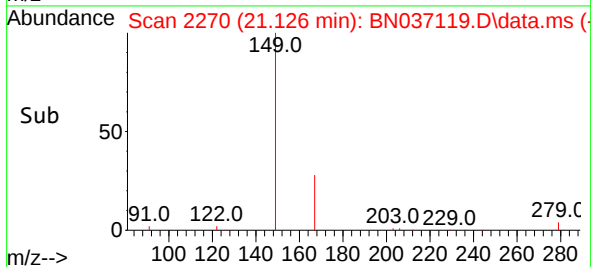
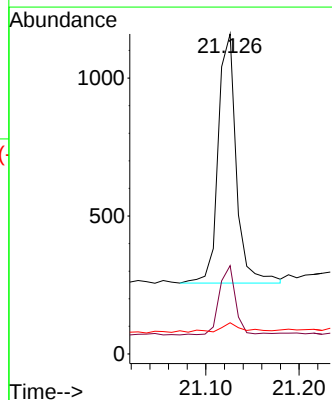
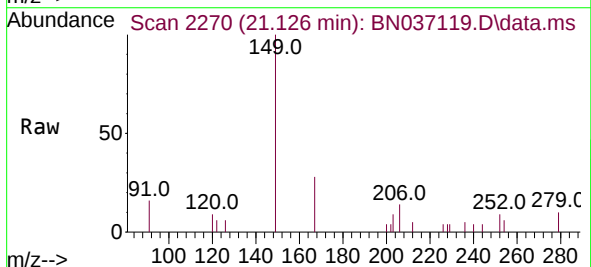
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-420-422

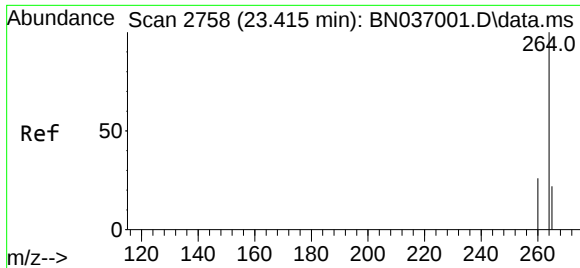
Tgt Ion:244 Resp: 3520
 Ion Ratio Lower Upper
 244 100
 212 12.4 9.7 14.5
 122 17.2 13.4 20.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.175 ng
 RT: 21.126 min Scan# 2270
 Delta R.T. -0.009 min
 Lab File: BN037119.D
 Acq: 28 May 2025 21:23

Tgt Ion:149 Resp: 1216
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.6 30.8
 279 4.7 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: BN037119.D
Acq: 28 May 2025 21:23

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-420-422

Tgt Ion:	264	Resp:	2610
Ion	Ratio	Lower	Upper
264	100		
260	28.5	21.9	32.9
265	81.5	51.6	77.4#

