

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
 Data File : BN037122.D
 Acq On : 28 May 2025 23:11
 Operator : RC/JU
 Sample : Q2118-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-540-542

Quant Time: May 29 01:33:54 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)

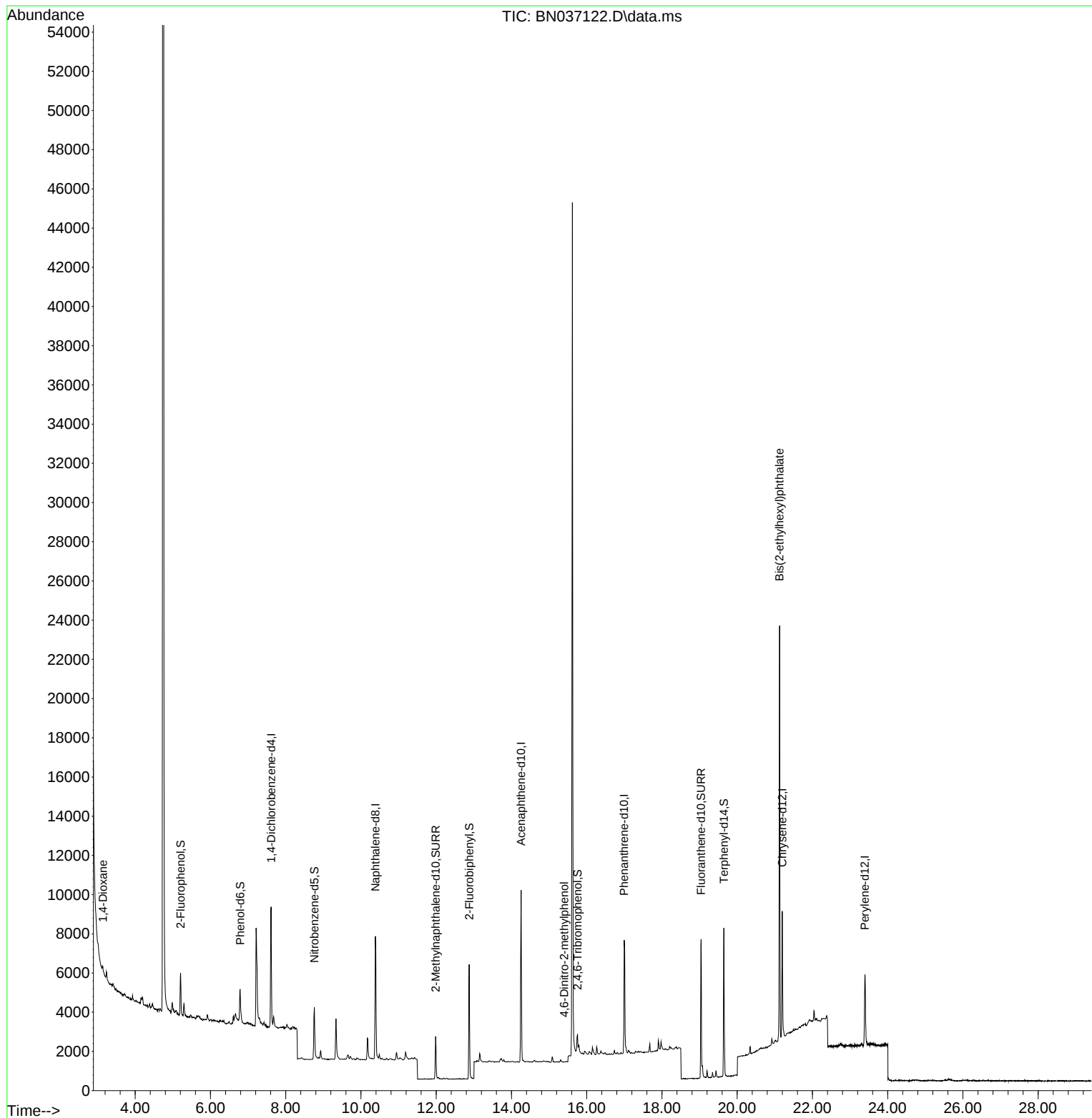
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2962	0.400	ng	0.00
7) Naphthalene-d8	10.383	136	8217	0.400	ng	#-0.02
13) Acenaphthene-d10	14.256	164	4688	0.400	ng	-0.01
19) Phenanthrene-d10	16.996	188	8832	0.400	ng	-0.01
29) Chrysene-d12	21.197	240	5864	0.400	ng	# 0.00
35) Perylene-d12	23.395	264	4876	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	1453	0.187	ng	0.00
5) Phenol-d6	6.788	99	1408	0.145	ng	0.00
8) Nitrobenzene-d5	8.760	82	2352	0.263	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	3078	0.266	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	559	0.271	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	5671	0.264	ng	-0.01
27) Fluoranthene-d10	19.040	212	7746	0.320	ng	0.00
31) Terphenyl-d14	19.644	244	6943	0.554	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	138	0.038	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.400	198	6	0.027	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.126	149	18022	1.326	ng	99

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

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Data File : BN037122.D
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Sample : Q2118-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-540-542

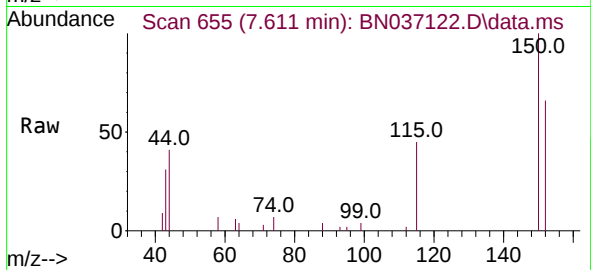
Quant Time: May 29 01:33:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
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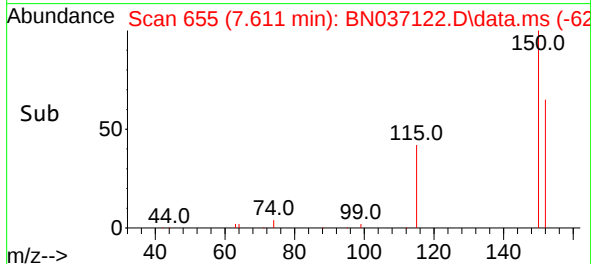
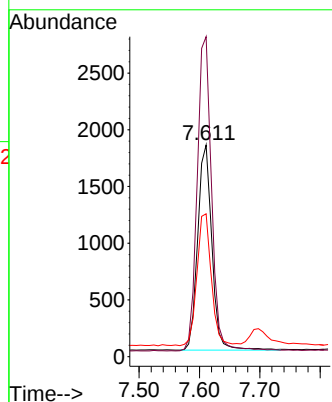
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037122.D
 Acq: 28 May 2025 23:11

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-540-542



Tgt Ion: 152 Resp: 2962

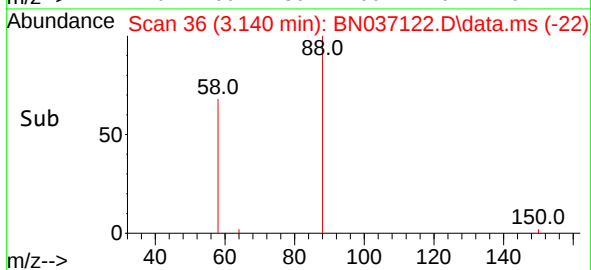
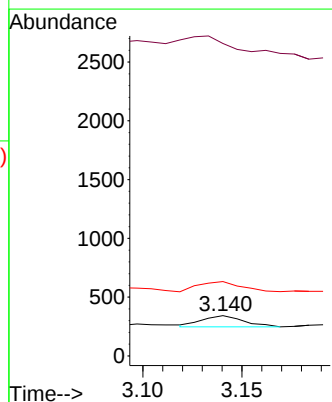
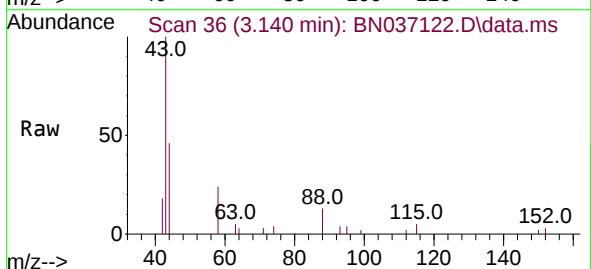
Ion	Ratio	Lower	Upper
152	100		
150	151.2	123.9	185.9
115	67.5	55.8	83.8

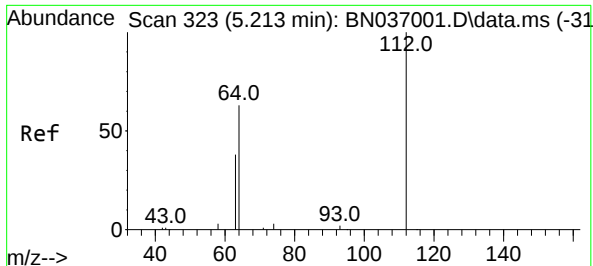


#2
 1,4-Dioxane
 Concen: 0.038 ng
 RT: 3.140 min Scan# 36
 Delta R.T. 0.000 min
 Lab File: BN037122.D
 Acq: 28 May 2025 23:11

Tgt Ion: 88 Resp: 138

Ion	Ratio	Lower	Upper
88	100		
43	440.6	37.4	56.0#
58	94.9	68.8	103.2

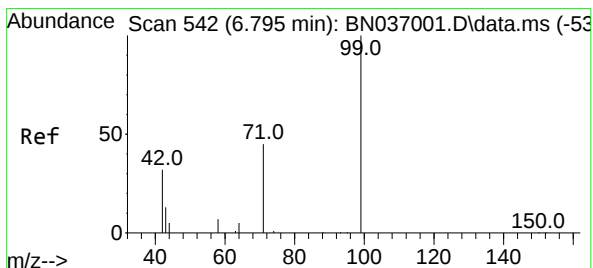
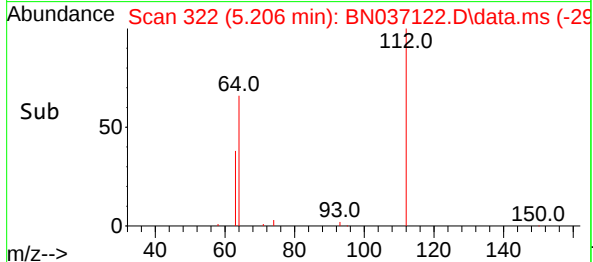
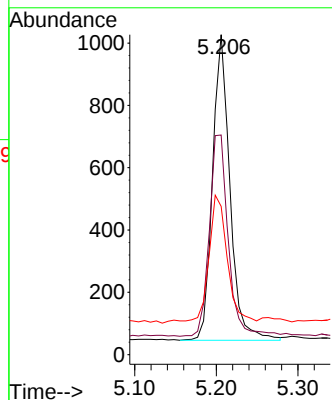
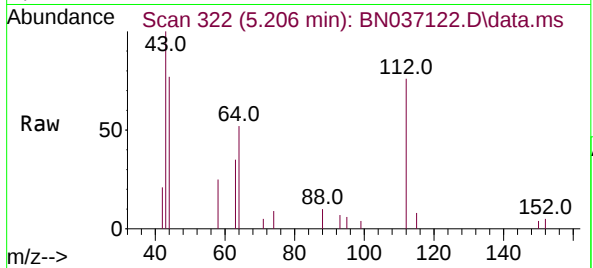




#4
2-Fluorophenol
Concen: 0.187 ng
RT: 5.206 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037122.D
Acq: 28 May 2025 23:11

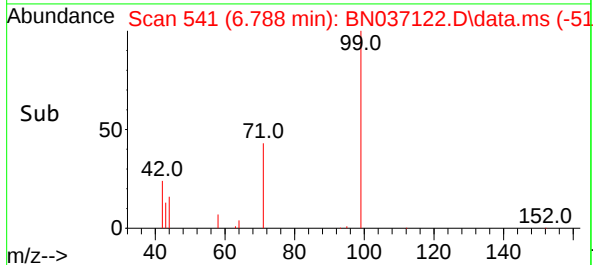
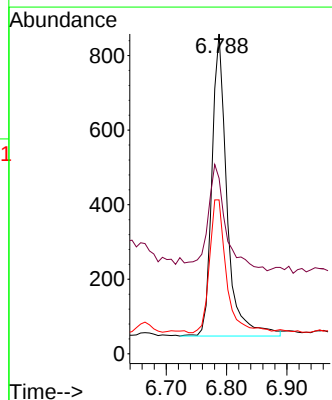
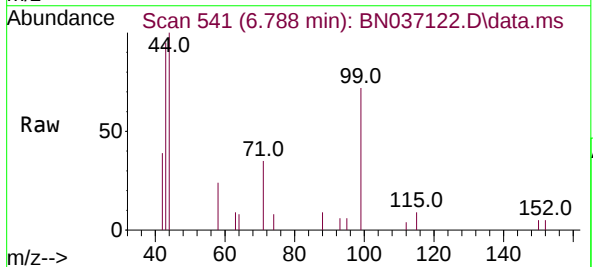
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-540-542

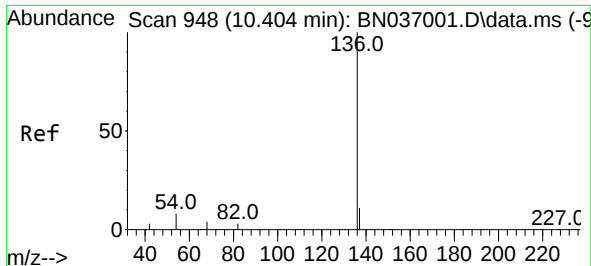
Tgt Ion:112 Resp: 1453
Ion Ratio Lower Upper
112 100
64 72.5 55.7 83.5
63 41.9 34.6 51.8



#5
Phenol-d6
Concen: 0.145 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037122.D
Acq: 28 May 2025 23:11

Tgt Ion: 99 Resp: 1408
Ion Ratio Lower Upper
99 100
42 42.0 29.3 43.9
71 48.9 35.7 53.5

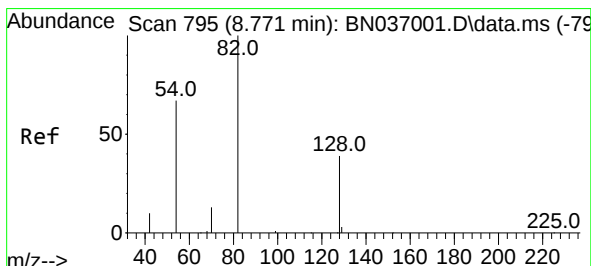
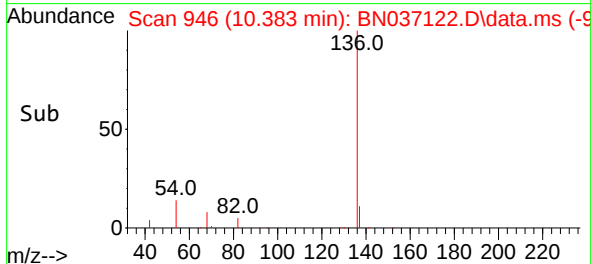
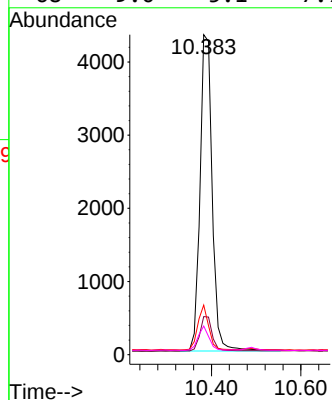
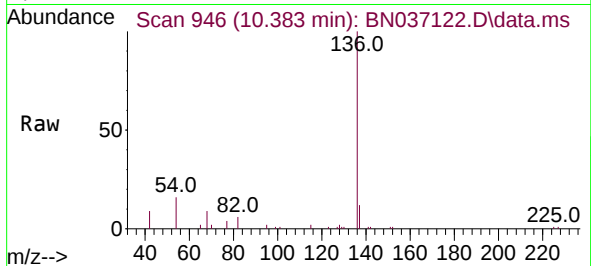




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.383 min Scan# 94
Delta R.T. -0.021 min
Lab File: BN037122.D
Acq: 28 May 2025 23:11

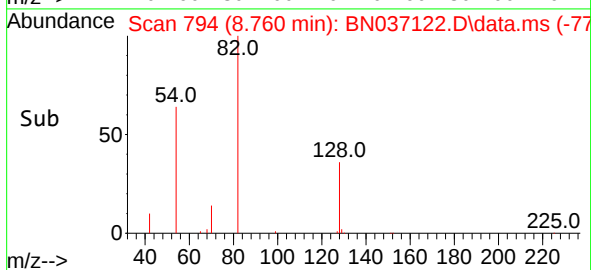
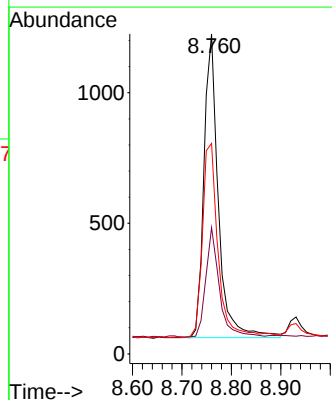
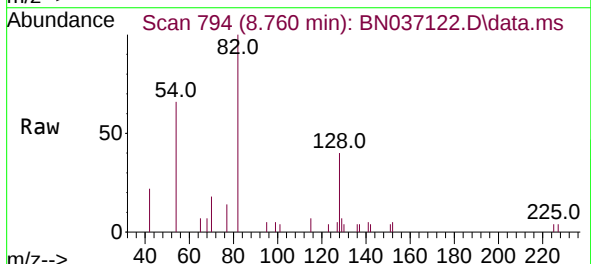
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-540-542

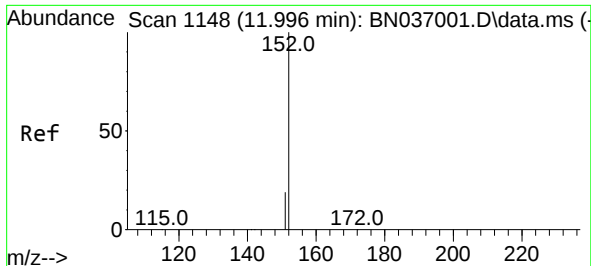
Tgt Ion:	136	Resp:	8217
Ion Ratio	Lower	Upper	
136	100		
137	11.9	10.4	15.6
54	15.5	8.5	12.7#
68	9.0	5.1	7.7#



#8
Nitrobenzene-d5
Concen: 0.263 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037122.D
Acq: 28 May 2025 23:11

Tgt Ion:	82	Resp:	2352
Ion Ratio	Lower	Upper	
82	100		
128	39.5	34.0	51.0
54	65.8	55.0	82.4

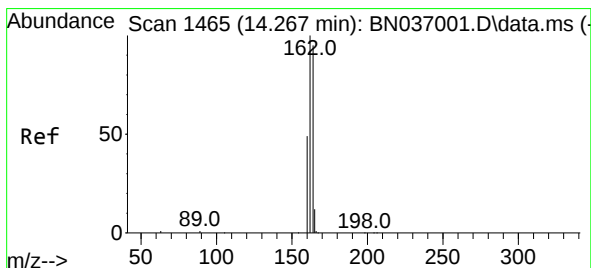
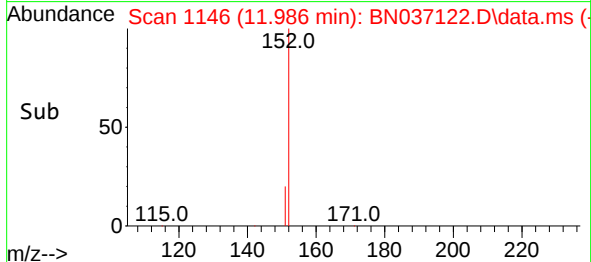
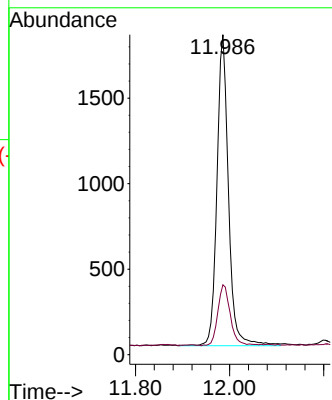
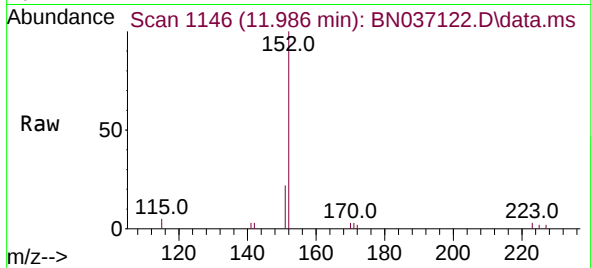




#11
2-Methylnaphthalene-d10
Concen: 0.266 ng
RT: 11.986 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN037122.D
Acq: 28 May 2025 23:11

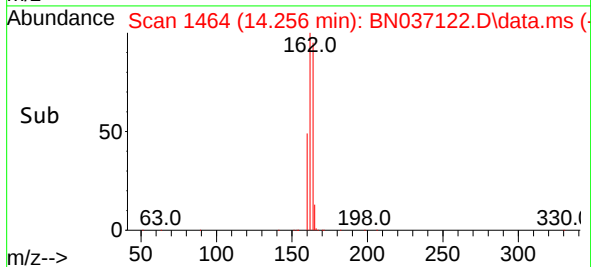
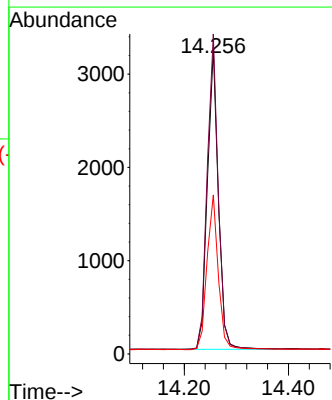
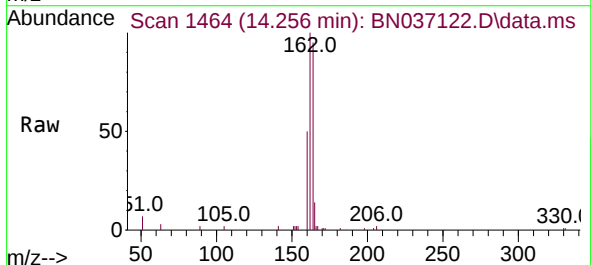
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-540-542

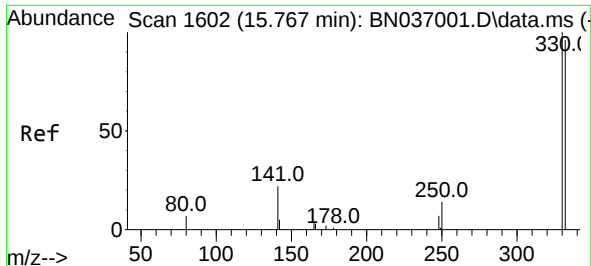
Tgt Ion:152 Resp: 3078
Ion Ratio Lower Upper
152 100
151 21.4 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037122.D
Acq: 28 May 2025 23:11

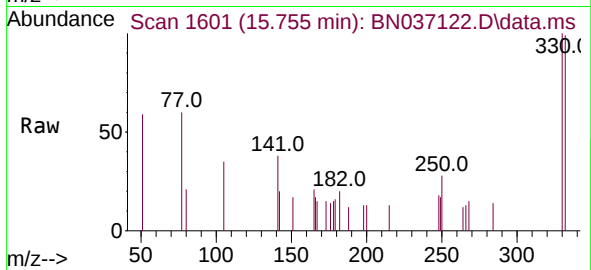
Tgt Ion:164 Resp: 4688
Ion Ratio Lower Upper
164 100
162 104.9 84.2 126.4
160 52.2 42.6 63.8



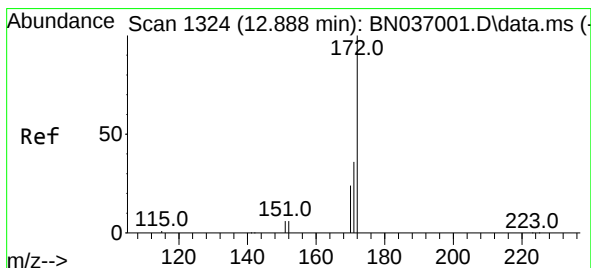
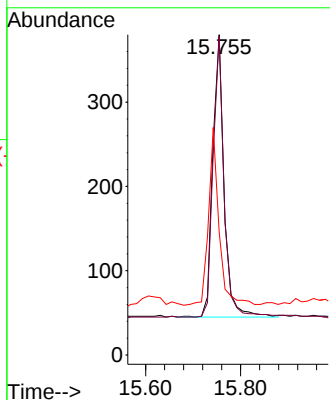
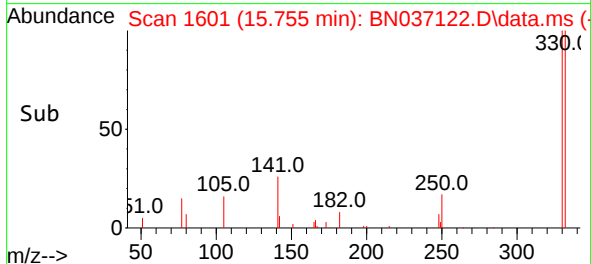


#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037122.D
Acq: 28 May 2025 23:11

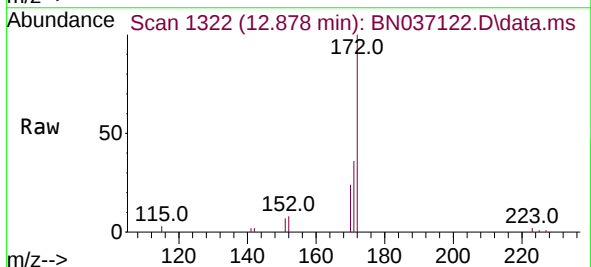
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-540-542



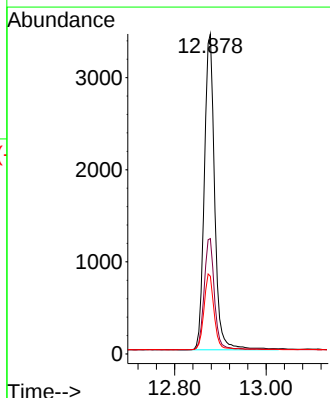
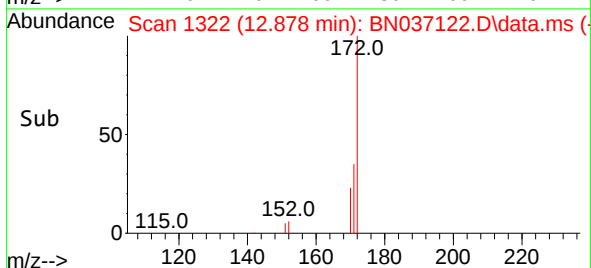
Tgt Ion:330 Resp: 559
Ion Ratio Lower Upper
330 100
332 95.2 73.8 110.8
141 58.1 43.9 65.9

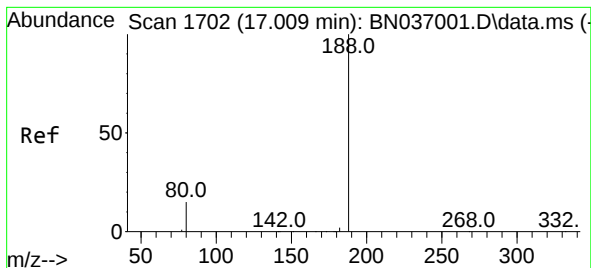


#15
2-Fluorobiphenyl
Concen: 0.264 ng
RT: 12.878 min Scan# 1322
Delta R.T. -0.010 min
Lab File: BN037122.D
Acq: 28 May 2025 23:11



Tgt Ion:172 Resp: 5671
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 24.3 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: BN037122.D

Acq: 28 May 2025 23:11

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-540-542

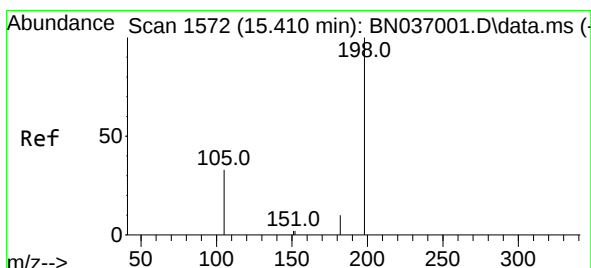
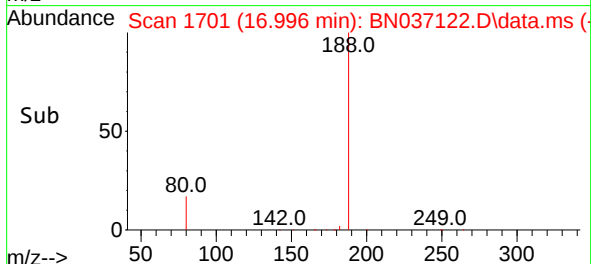
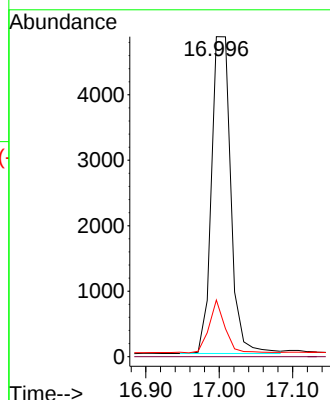
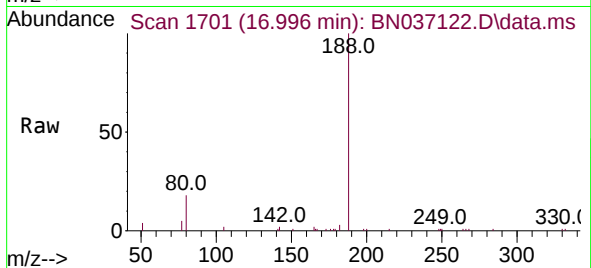
Tgt Ion:188 Resp: 8832

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 17.7 13.4 20.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.027 ng

RT: 15.400 min Scan# 1571

Delta R.T. -0.010 min

Lab File: BN037122.D

Acq: 28 May 2025 23:11

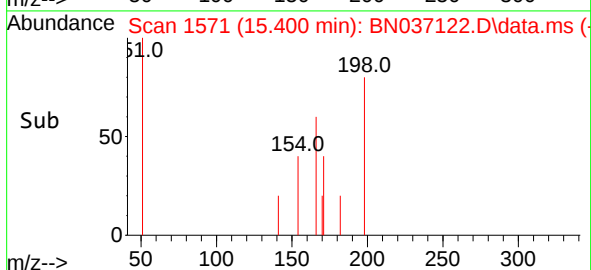
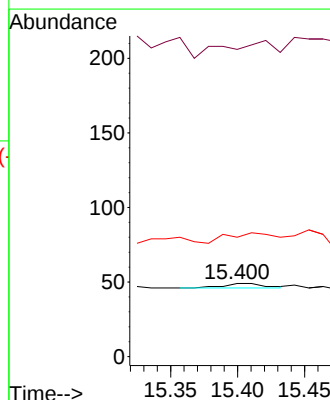
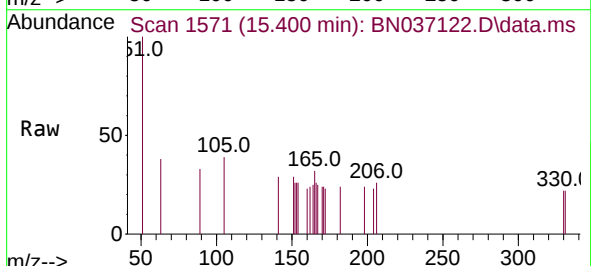
Tgt Ion:198 Resp: 6

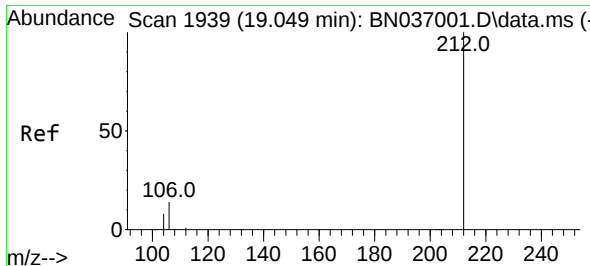
Ion Ratio Lower Upper

198 100

51 420.4 87.8 131.6#

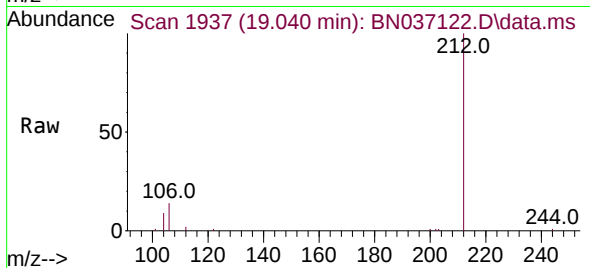
105 163.3 44.2 66.4#



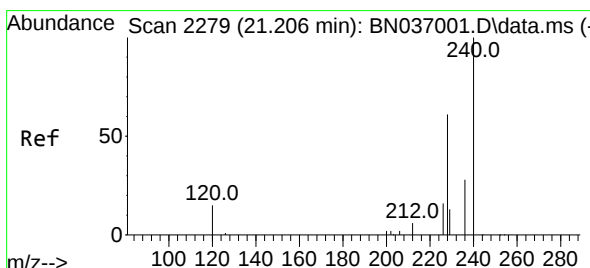
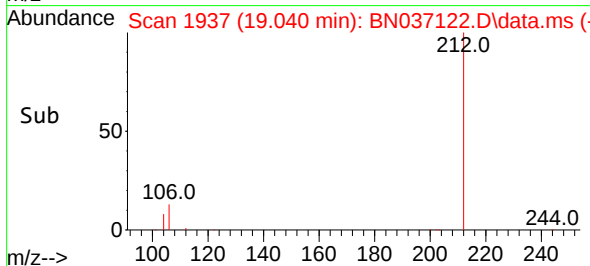
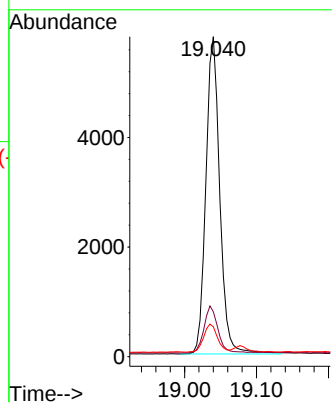


#27
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037122.D
Acq: 28 May 2025 23:11

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-540-542

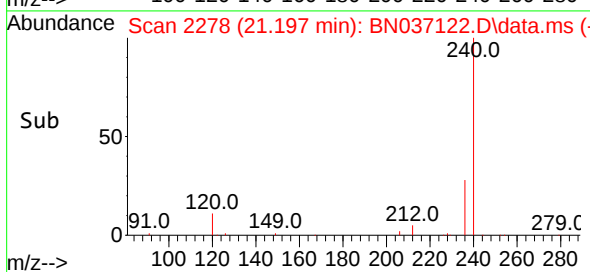
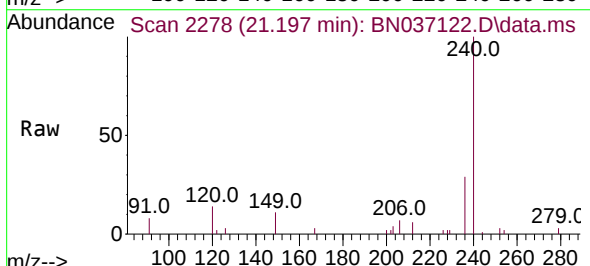
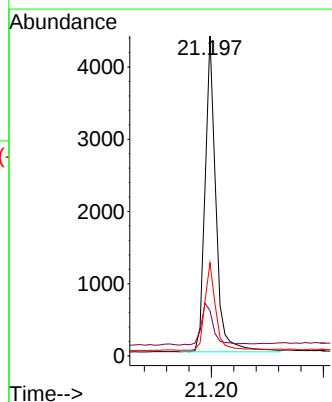


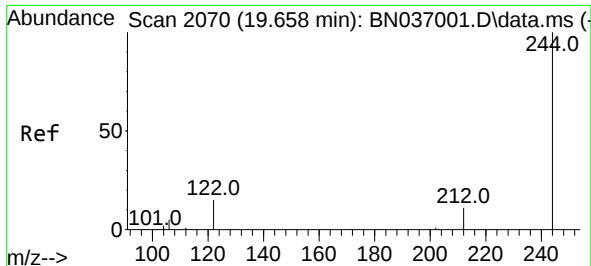
Tgt Ion:212 Resp: 7746
Ion Ratio Lower Upper
212 100
106 15.0 11.3 16.9
104 8.8 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.197 min Scan# 2278
Delta R.T. -0.009 min
Lab File: BN037122.D
Acq: 28 May 2025 23:11

Tgt Ion:240 Resp: 5864
Ion Ratio Lower Upper
240 100
120 14.2 15.1 22.7#
236 29.1 24.0 36.0

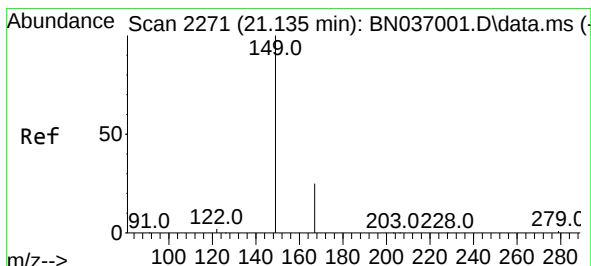
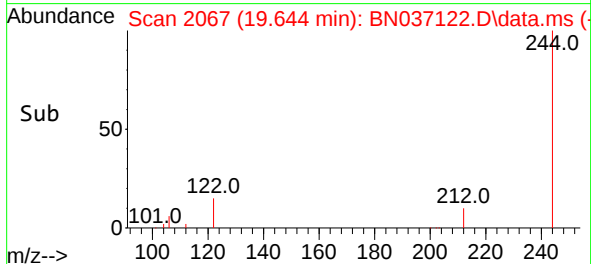
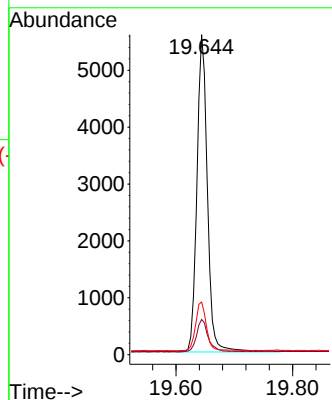
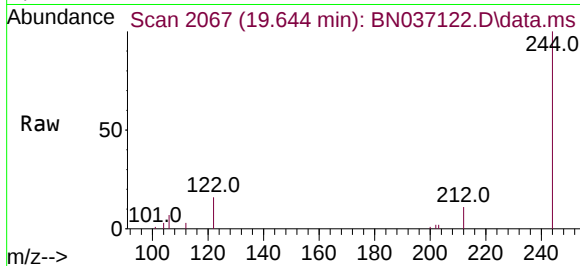




#31
 Terphenyl-d14
 Concen: 0.554 ng
 RT: 19.644 min Scan# 2070
 Delta R.T. -0.014 min
 Lab File: BN037122.D
 Acq: 28 May 2025 23:11

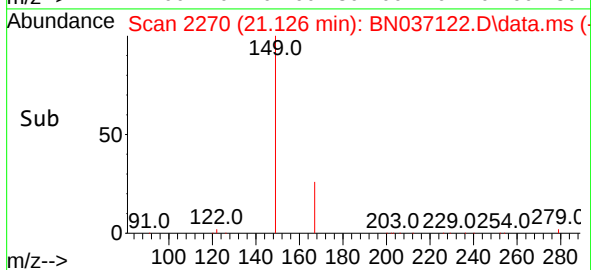
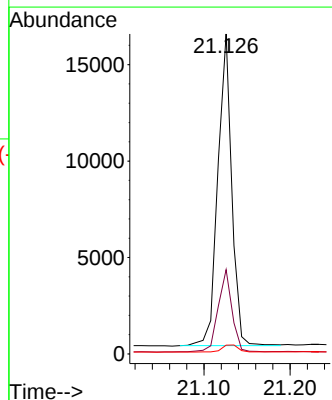
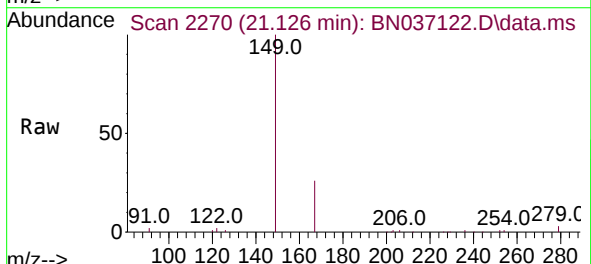
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-540-542

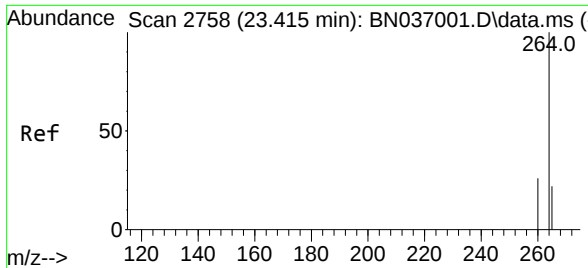
Tgt Ion:244 Resp: 6943
 Ion Ratio Lower Upper
 244 100
 212 11.0 9.7 14.5
 122 16.5 13.4 20.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.326 ng
 RT: 21.126 min Scan# 2270
 Delta R.T. -0.009 min
 Lab File: BN037122.D
 Acq: 28 May 2025 23:11

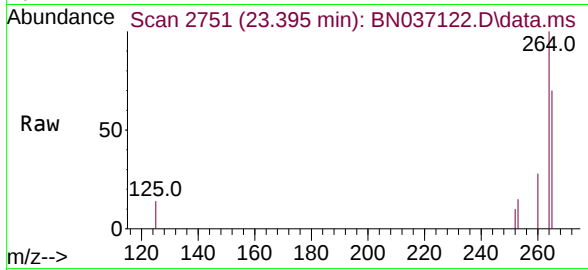
Tgt Ion:149 Resp: 18022
 Ion Ratio Lower Upper
 149 100
 167 26.1 20.6 30.8
 279 2.8 2.6 3.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.395 min Scan# 21
 Delta R.T. -0.021 min
 Lab File: BN037122.D
 Acq: 28 May 2025 23:11

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-540-542



Tgt Ion:264 Resp: 4876
 Ion Ratio Lower Upper
 264 100
 260 27.9 21.9 32.9
 265 69.7 51.6 77.4

