

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052725\
 Data File : BN037090.D
 Acq On : 27 May 2025 17:00
 Operator : RC/JU
 Sample : Q2082-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-340-342

Quant Time: May 27 17:59:20 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)

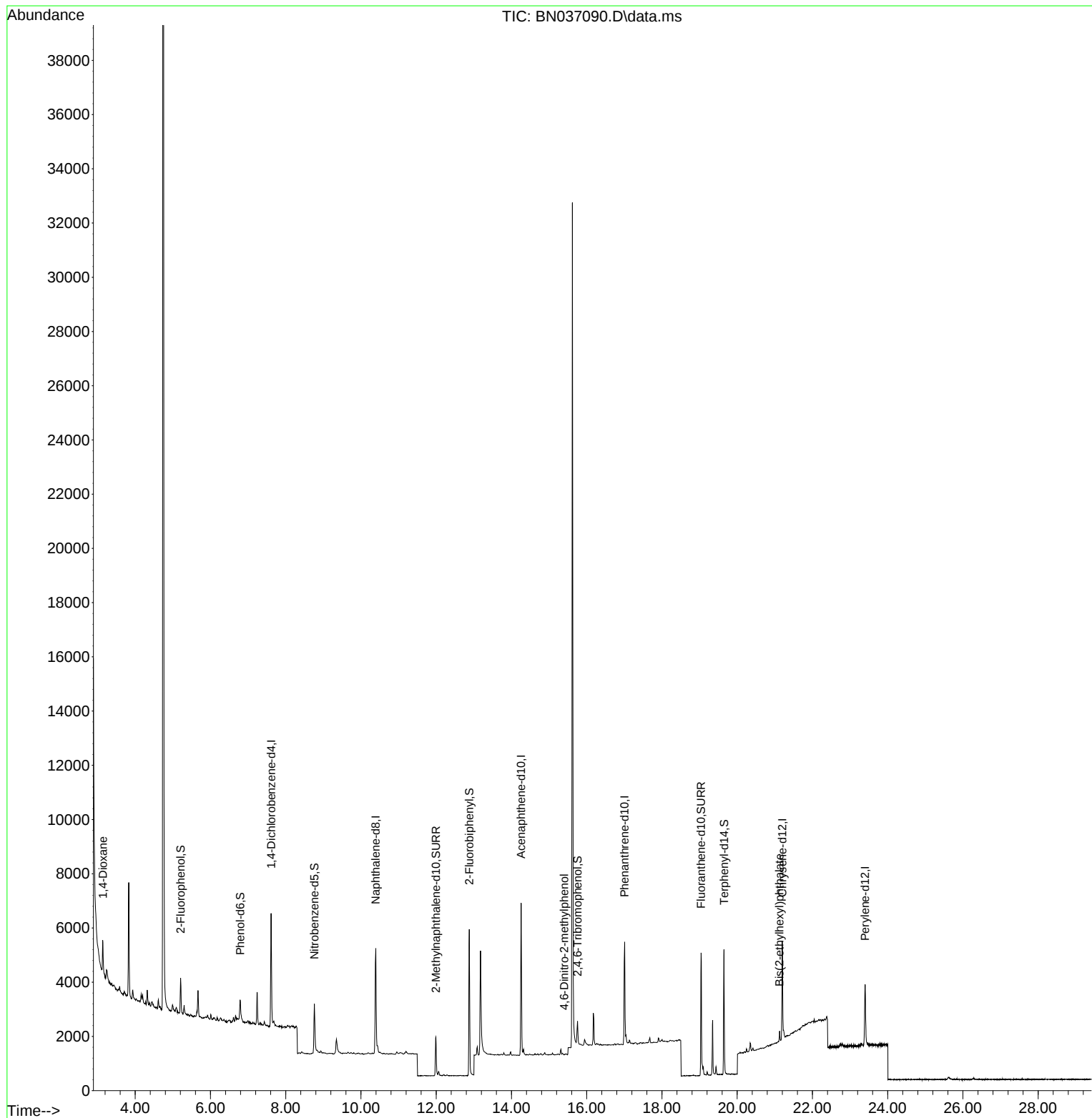
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2002	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5234	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2906	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	5578	0.400	ng	# 0.00
29) Chrysene-d12	21.197	240	3490	0.400	ng	0.00
35) Perylene-d12	23.401	264	3066	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	874	0.167	ng	0.00
5) Phenol-d6	6.788	99	662	0.101	ng	0.00
8) Nitrobenzene-d5	8.760	82	1697	0.298	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2107	0.286	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	463	0.363	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	5211	0.392	ng	-0.01
27) Fluoranthene-d10	19.040	212	5113	0.334	ng	0.00
31) Terphenyl-d14	19.649	244	4382	0.587	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.140	88	649	0.264	ng	# 62
20) 4,6-Dinitro-2-methylph...	15.400	198	6	0.029	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.126	149	351	0.043	ng	# 98

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

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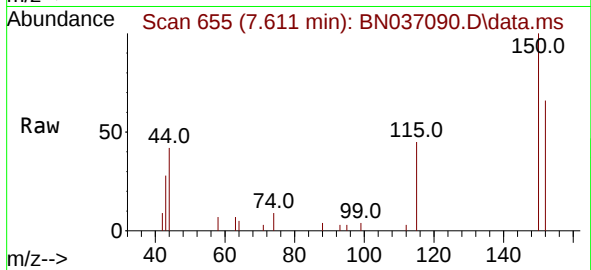
Quant Time: May 27 17:59:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration





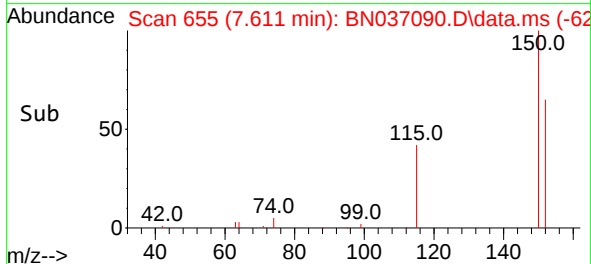
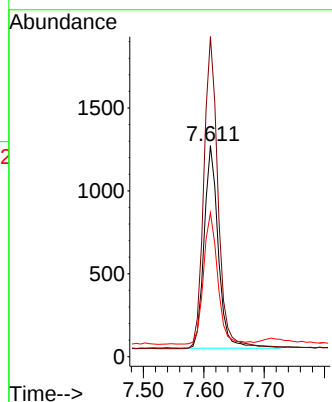
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037090.D
 Acq: 27 May 2025 17:00

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-340-342



Tgt Ion:152 Resp: 2002

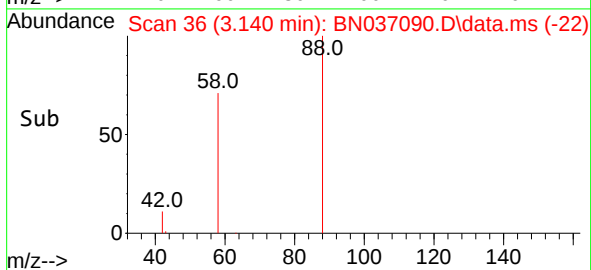
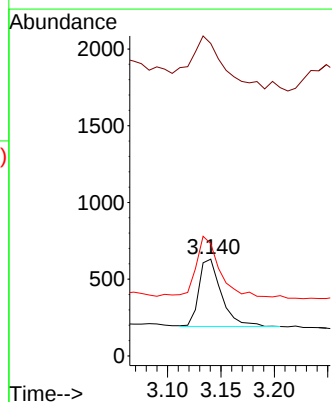
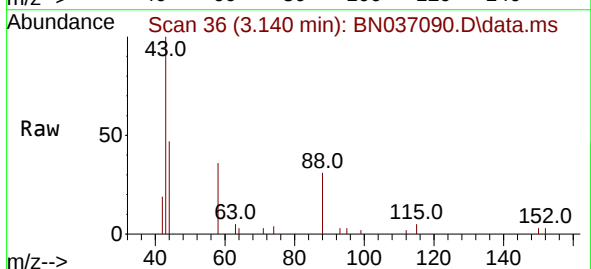
Ion	Ratio	Lower	Upper
152	100		
150	151.6	123.9	185.9
115	68.2	55.8	83.8

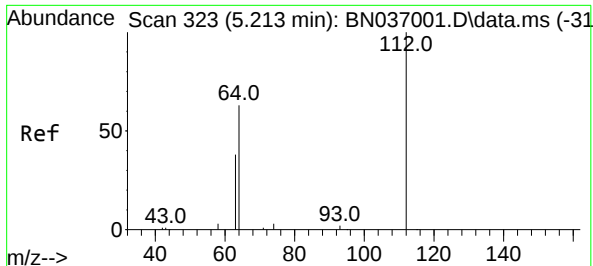


#2
 1,4-Dioxane
 Concen: 0.264 ng
 RT: 3.140 min Scan# 36
 Delta R.T. 0.000 min
 Lab File: BN037090.D
 Acq: 27 May 2025 17:00

Tgt Ion: 88 Resp: 649

Ion	Ratio	Lower	Upper
88	100		
43	109.7	37.4	56.0
58	93.1	68.8	103.2

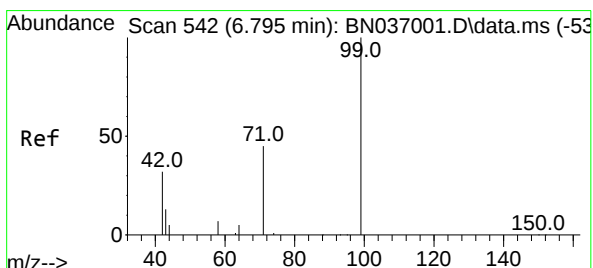
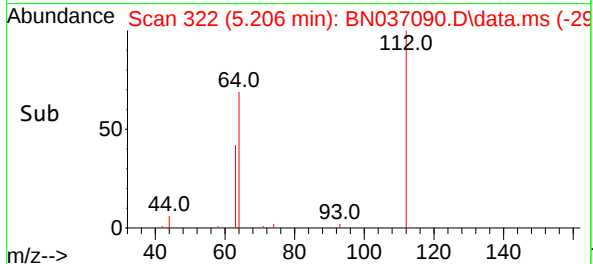
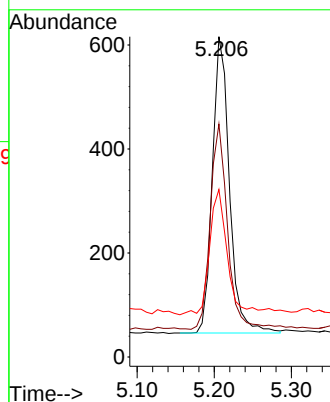
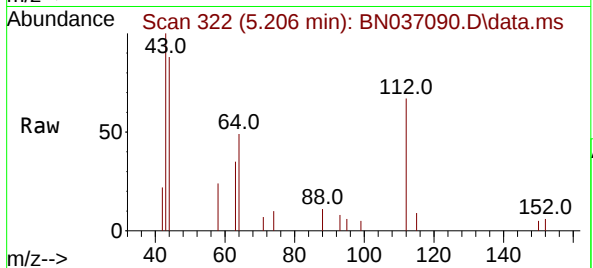




#4
2-Fluorophenol
Concen: 0.167 ng
RT: 5.206 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037090.D
Acq: 27 May 2025 17:00

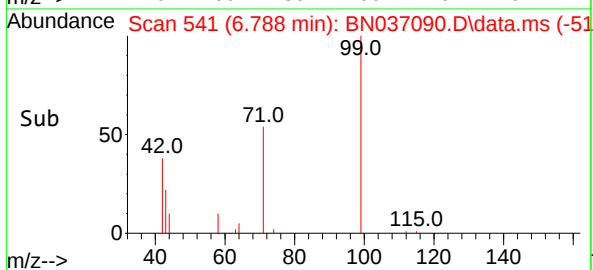
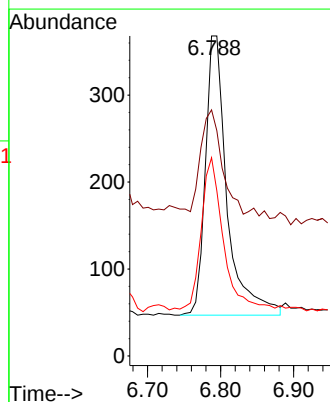
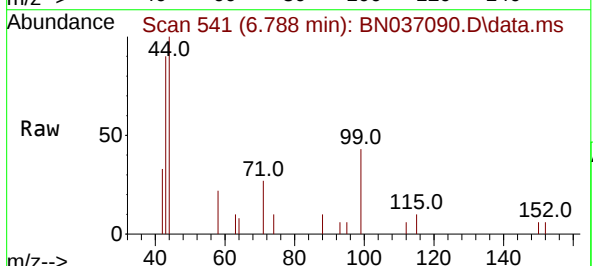
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-340-342

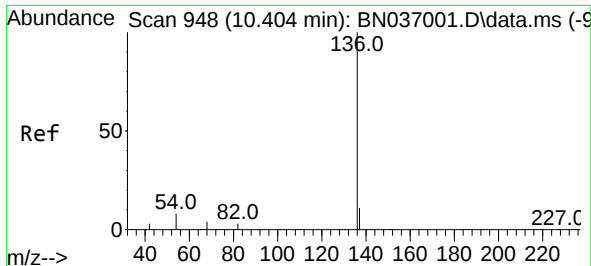
Tgt Ion:112 Resp: 874
Ion Ratio Lower Upper
112 100
64 71.6 55.7 83.5
63 43.9 34.6 51.8



#5
Phenol-d6
Concen: 0.101 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037090.D
Acq: 27 May 2025 17:00

Tgt Ion: 99 Resp: 662
Ion Ratio Lower Upper
99 100
42 34.0 29.3 43.9
71 53.6 35.7 53.5#

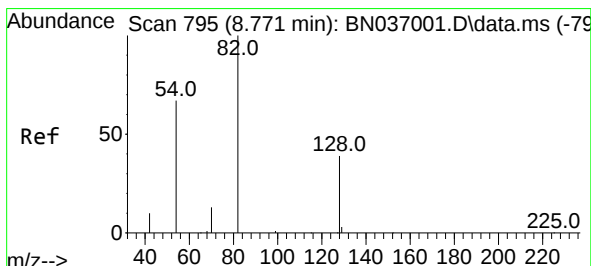
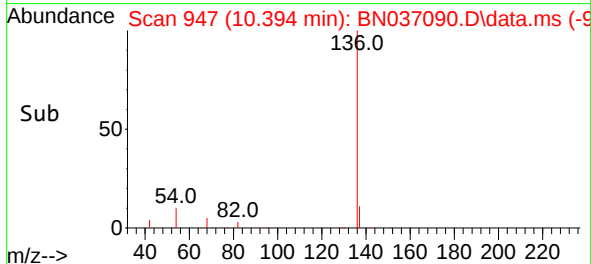
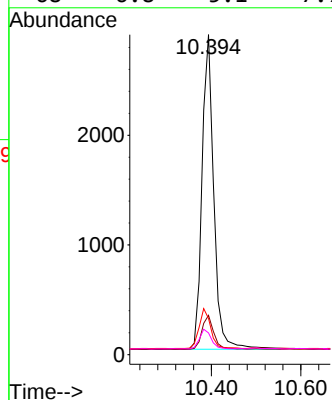
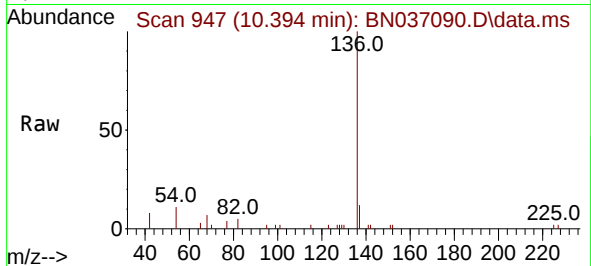




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037090.D
Acq: 27 May 2025 17:00

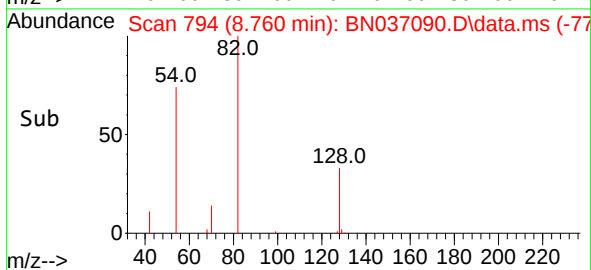
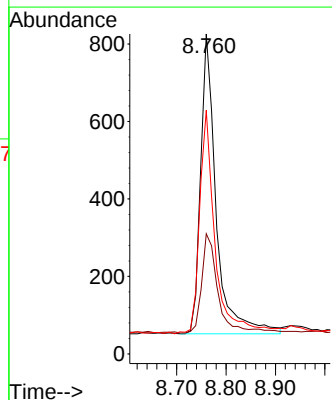
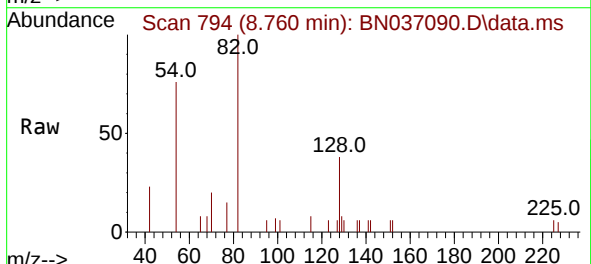
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-340-342

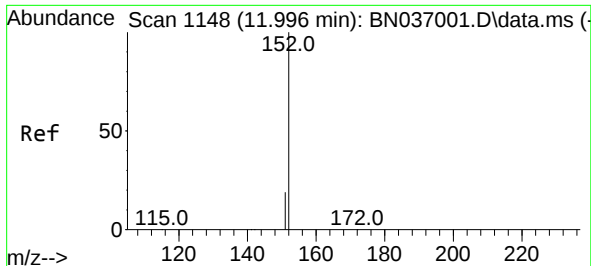
Tgt Ion:	136	Resp:	5234
Ion Ratio	Lower	Upper	
136	100		
137	12.3	10.4	15.6
54	11.3	8.5	12.7
68	6.8	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.298 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037090.D
Acq: 27 May 2025 17:00

Tgt Ion:	82	Resp:	1697
Ion Ratio	Lower	Upper	
82	100		
128	37.5	34.0	51.0
54	76.2	55.0	82.4

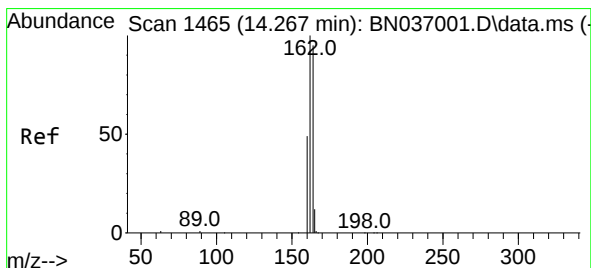
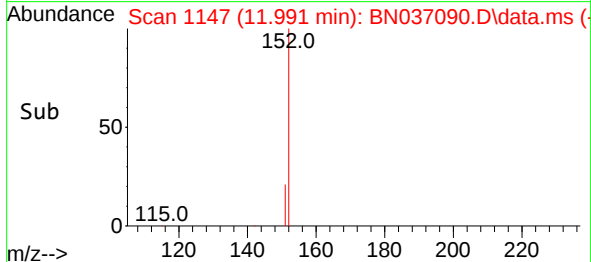
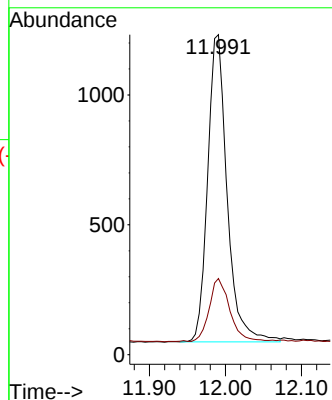
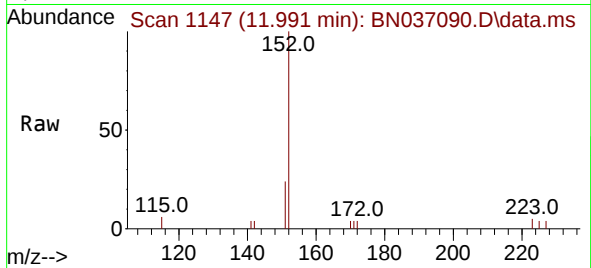




#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 11.991 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BN037090.D
Acq: 27 May 2025 17:00

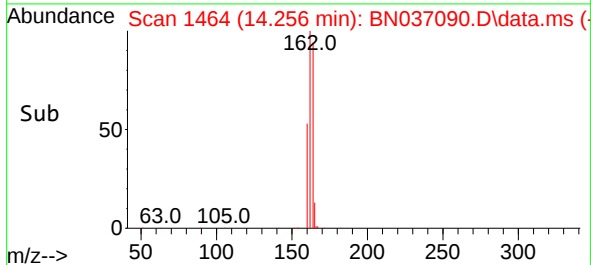
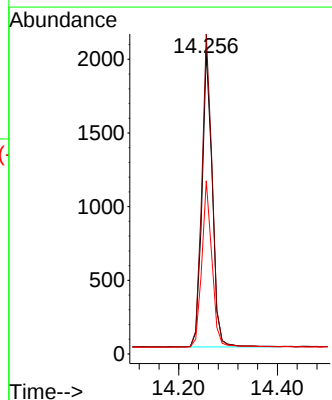
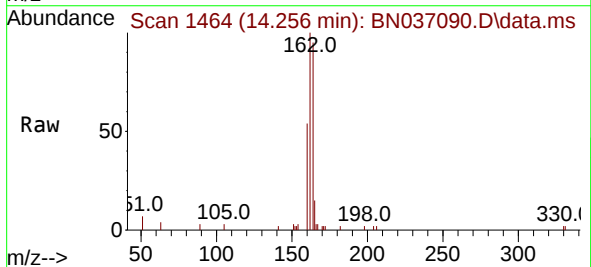
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BP-VPB-182-GW-340-342

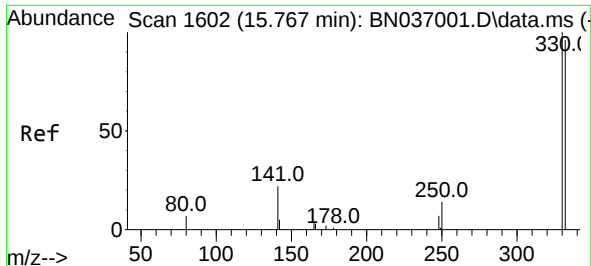
Tgt Ion:152 Resp: 2107
Ion Ratio Lower Upper
152 100
151 21.5 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037090.D
Acq: 27 May 2025 17:00

Tgt Ion:164 Resp: 2906
Ion Ratio Lower Upper
164 100
162 105.8 84.2 126.4
160 57.2 42.6 63.8

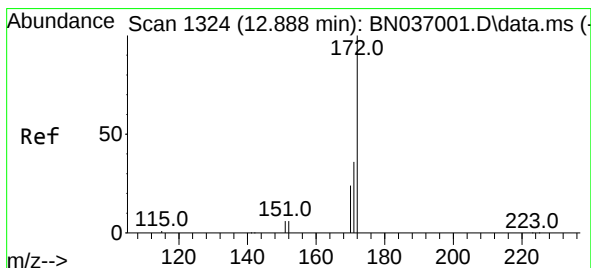
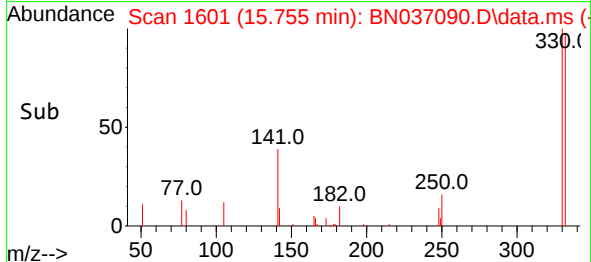
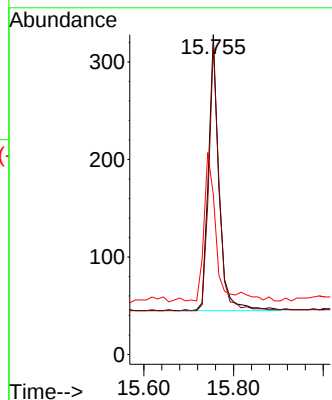
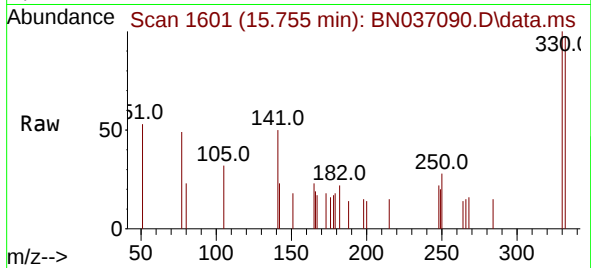




#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.755 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037090.D
Acq: 27 May 2025 17:00

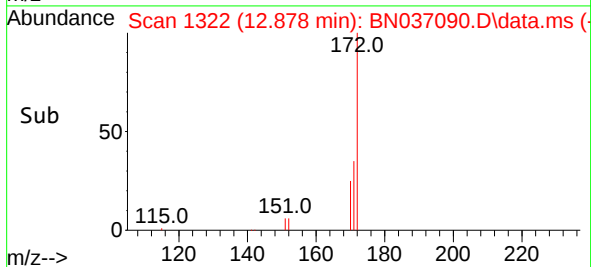
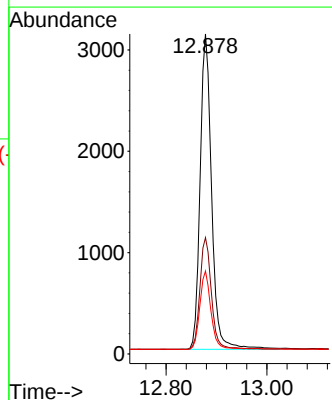
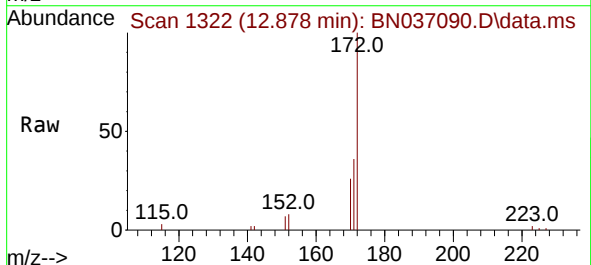
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ClientSampleId :
BP-VPB-182-GW-340-342

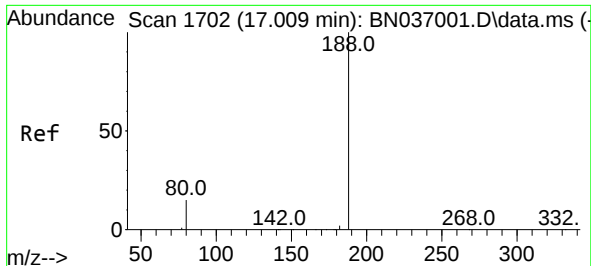
Tgt Ion:330 Resp: 463
Ion Ratio Lower Upper
330 100
332 93.5 73.8 110.8
141 57.0 43.9 65.9



#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 12.878 min Scan# 1322
Delta R.T. -0.010 min
Lab File: BN037090.D
Acq: 27 May 2025 17:00

Tgt Ion:172 Resp: 5211
Ion Ratio Lower Upper
172 100
171 36.4 29.2 43.8
170 25.9 20.5 30.7

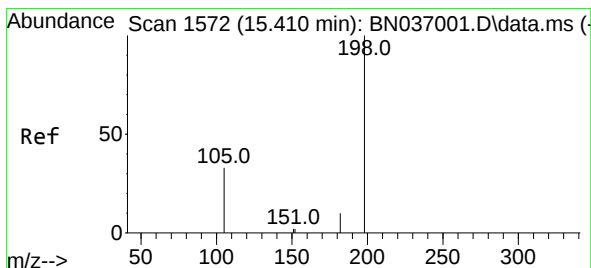
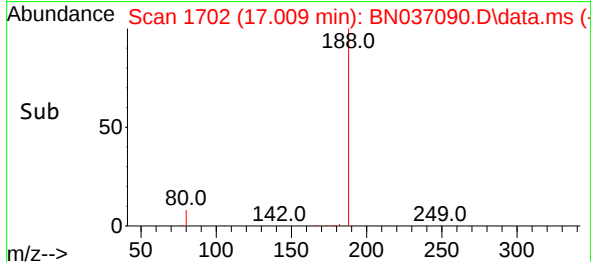
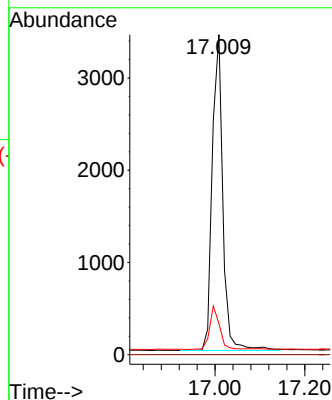
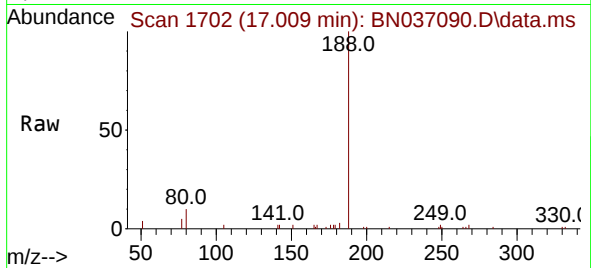




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037090.D
Acq: 27 May 2025 17:00

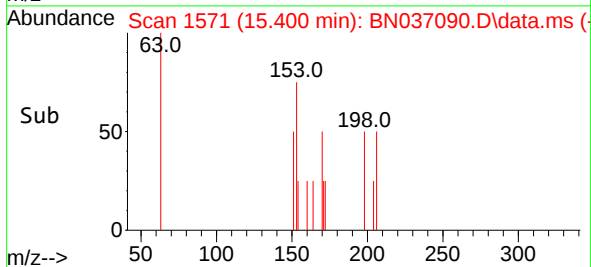
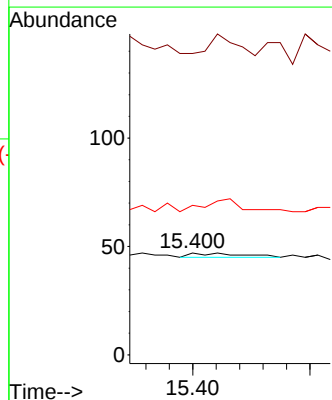
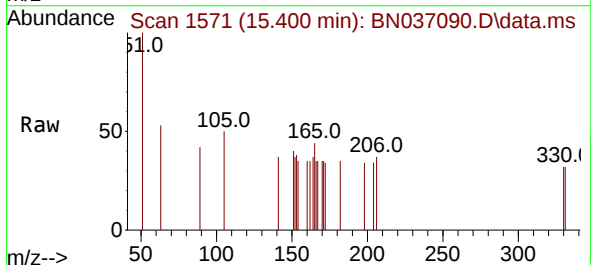
Instrument :
BNA_N
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BP-VPB-182-GW-340-342

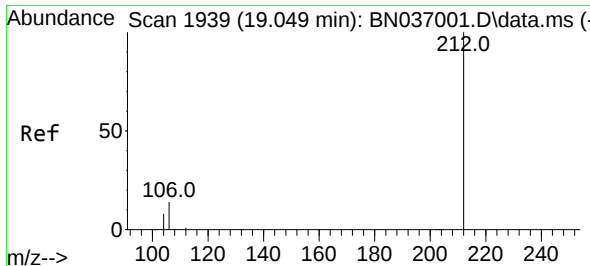
Tgt Ion:188 Resp: 5578
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 13.4 20.0#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.029 ng
RT: 15.400 min Scan# 1571
Delta R.T. -0.010 min
Lab File: BN037090.D
Acq: 27 May 2025 17:00

Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 295.7 87.8 131.6#
105 146.8 44.2 66.4#

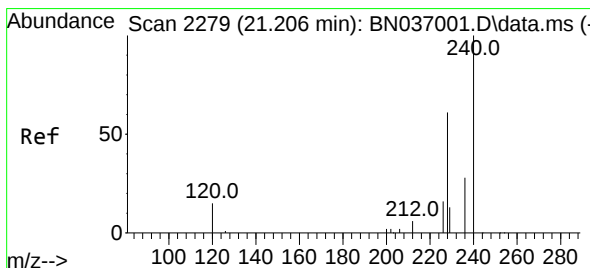
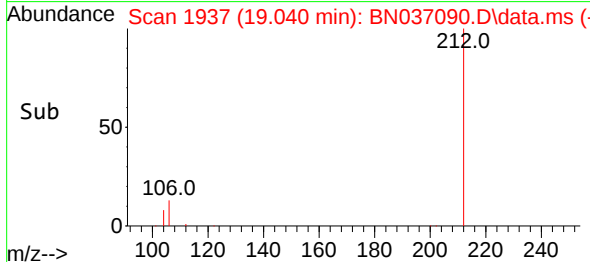
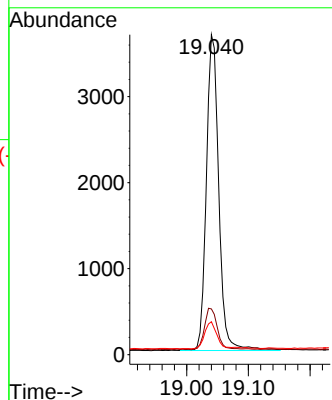
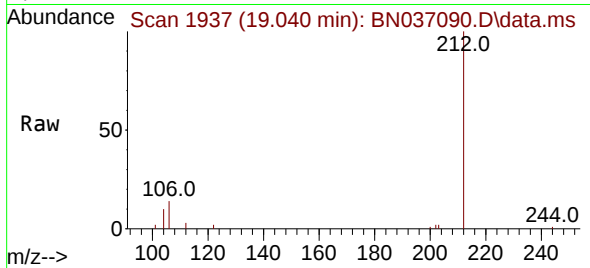




#27
Fluoranthene-d10
Concen: 0.334 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037090.D
Acq: 27 May 2025 17:00

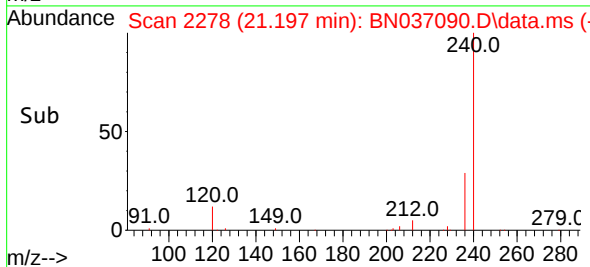
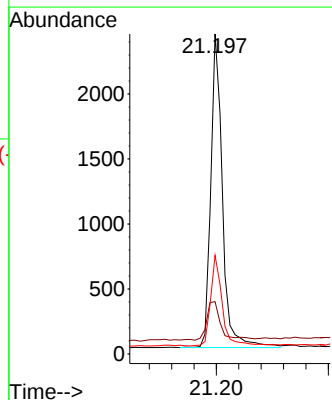
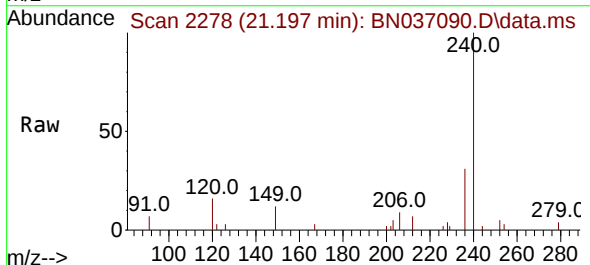
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-340-342

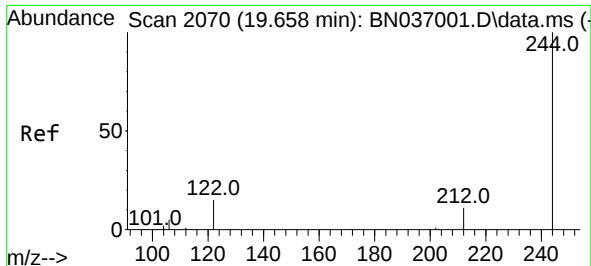
Tgt Ion:212 Resp: 5113
Ion Ratio Lower Upper
212 100
106 13.7 11.3 16.9
104 9.0 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.197 min Scan# 2278
Delta R.T. -0.009 min
Lab File: BN037090.D
Acq: 27 May 2025 17:00

Tgt Ion:240 Resp: 3490
Ion Ratio Lower Upper
240 100
120 16.4 15.1 22.7
236 30.8 24.0 36.0

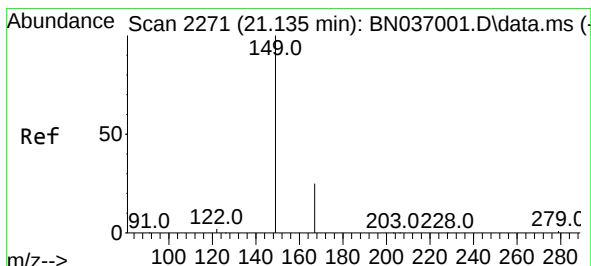
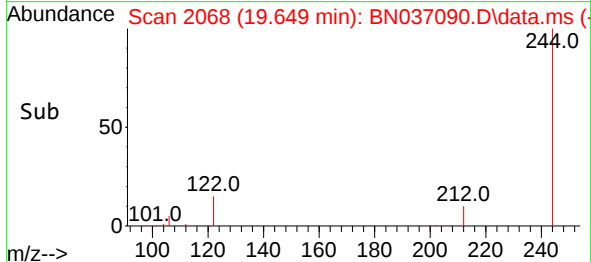
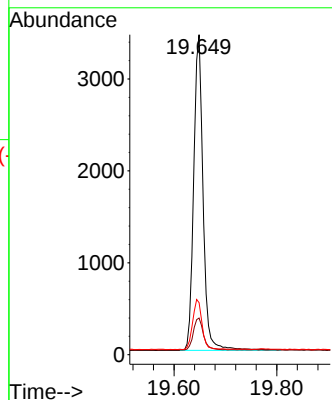
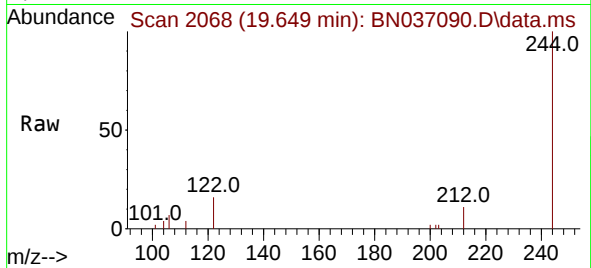




#31
 Terphenyl-d14
 Concen: 0.587 ng
 RT: 19.649 min Scan# 2070
 Delta R.T. -0.009 min
 Lab File: BN037090.D
 Acq: 27 May 2025 17:00

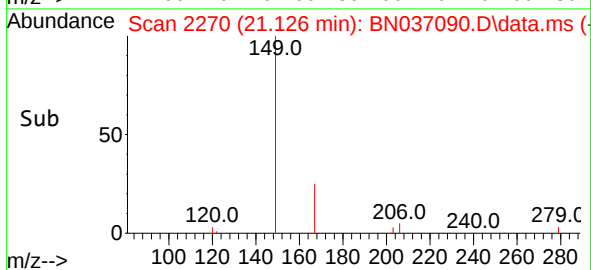
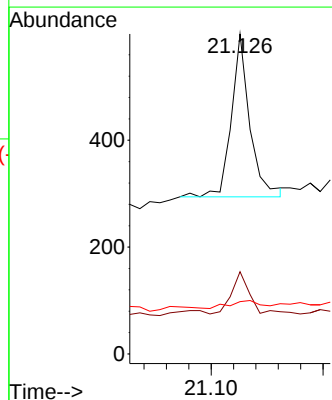
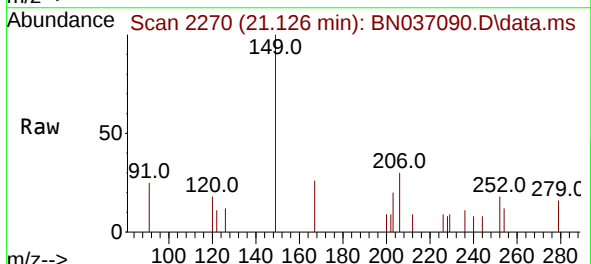
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-340-342

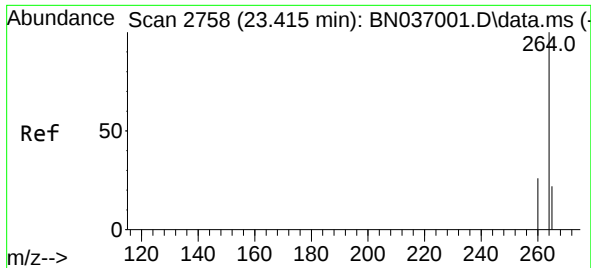
Tgt Ion:244 Resp: 4382
 Ion Ratio Lower Upper
 244 100
 212 11.5 9.7 14.5
 122 16.3 13.4 20.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.043 ng
 RT: 21.126 min Scan# 2270
 Delta R.T. -0.009 min
 Lab File: BN037090.D
 Acq: 27 May 2025 17:00

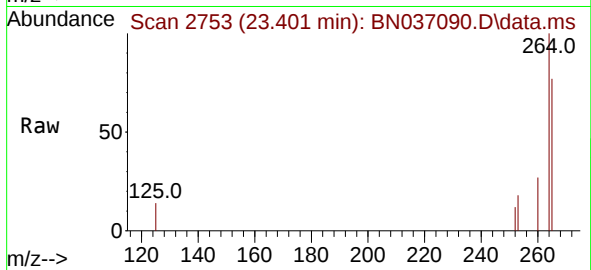
Tgt Ion:149 Resp: 351
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.6 30.8
 279 0.0 2.6 3.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.401 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BN037090.D
 Acq: 27 May 2025 17:00

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-340-342



Tgt Ion:264 Resp: 3066

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.9	32.9
265	77.0	51.6	77.4

