

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052725\
 Data File : BN037096.D
 Acq On : 27 May 2025 20:36
 Operator : RC/JU
 Sample : Q2118-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: May 28 14:44:59 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)

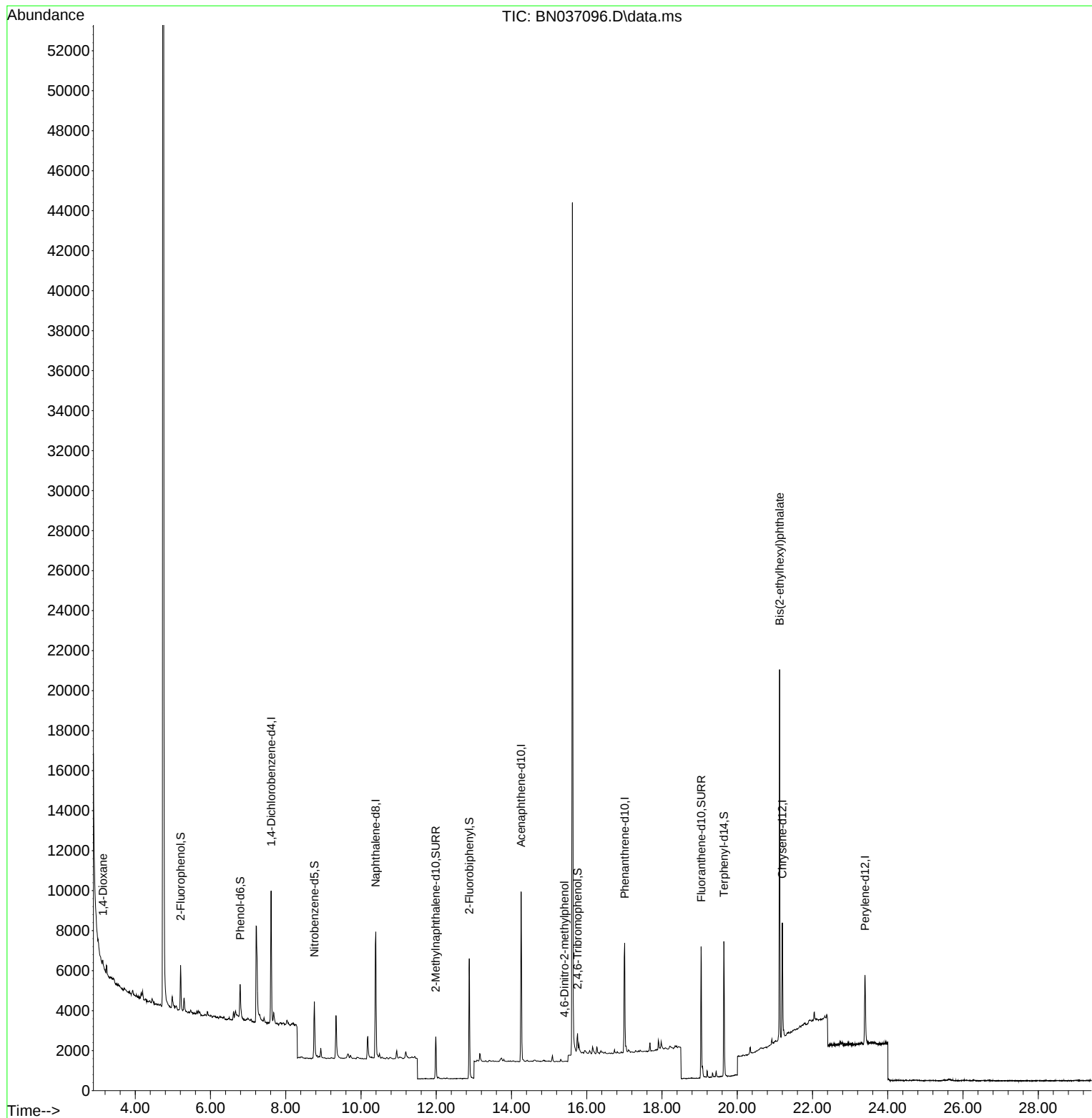
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	3058	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	8279	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	4549	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	8226	0.400	ng	# 0.00
29) Chrysene-d12	21.197	240	5403	0.400	ng	0.00
35) Perylene-d12	23.395	264	4705	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	1470	0.183	ng	0.00
5) Phenol-d6	6.788	99	1411	0.141	ng	0.00
8) Nitrobenzene-d5	8.760	82	2432	0.270	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	3032	0.260	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	519	0.260	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	5635	0.271	ng	-0.01
27) Fluoranthene-d10	19.040	212	7079	0.314	ng	0.00
31) Terphenyl-d14	19.644	244	6296	0.545	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	144	0.038	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.410	198	13	0.032	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.126	149	15072	1.204	ng	99

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

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Misc :
ALS Vial : 14 Sample Multiplier: 1

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

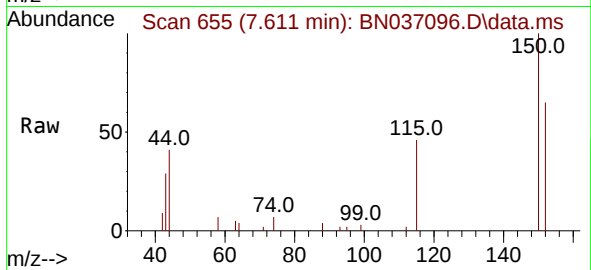
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



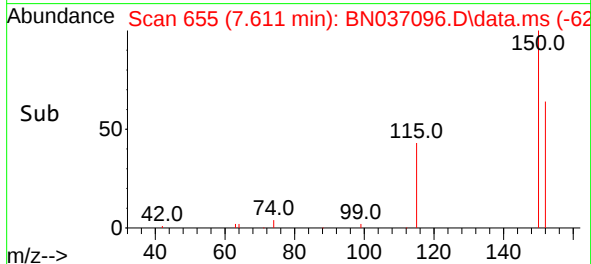
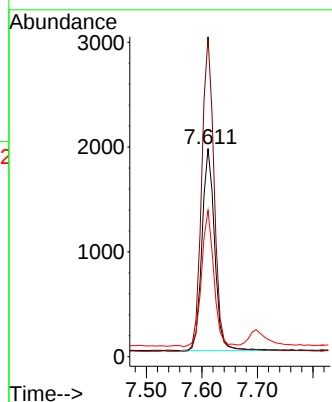


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037096.D
 Acq: 27 May 2025 20:36

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

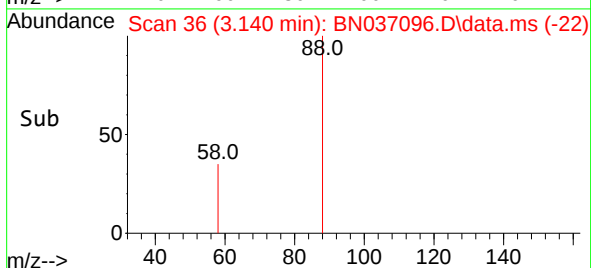
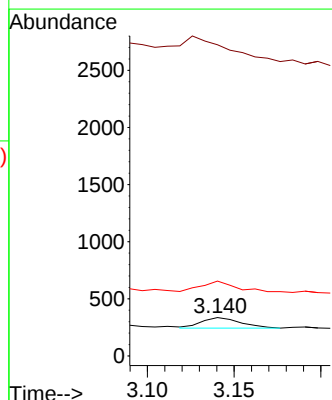
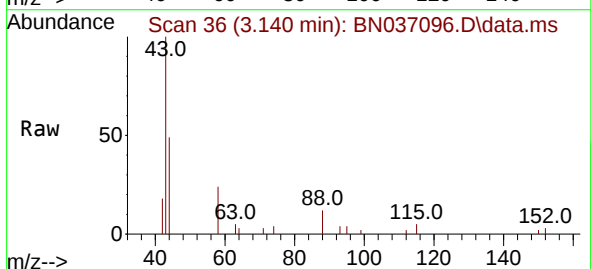


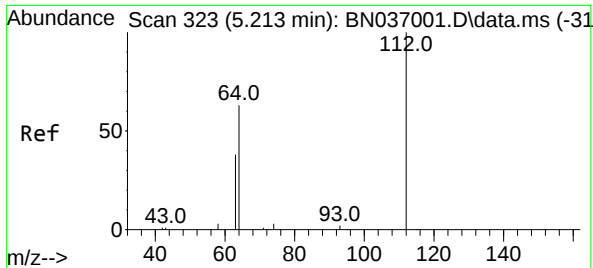
Tgt Ion:152 Resp: 3058
 Ion Ratio Lower Upper
 152 100
 150 153.7 123.9 185.9
 115 70.2 55.8 83.8



#2
 1,4-Dioxane
 Concen: 0.038 ng
 RT: 3.140 min Scan# 36
 Delta R.T. 0.000 min
 Lab File: BN037096.D
 Acq: 27 May 2025 20:36

Tgt Ion: 88 Resp: 144
 Ion Ratio Lower Upper
 88 100
 43 406.3 37.4 56.0#
 58 118.8 68.8 103.2#

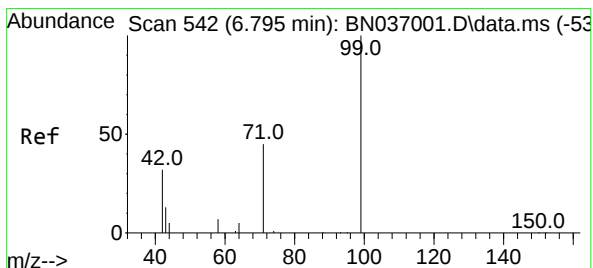
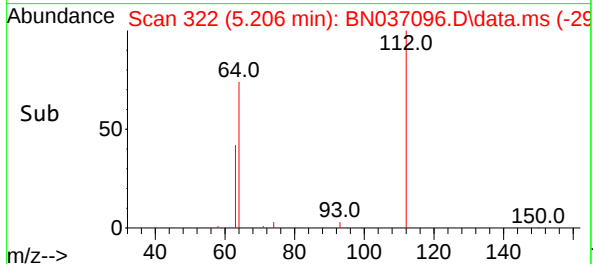
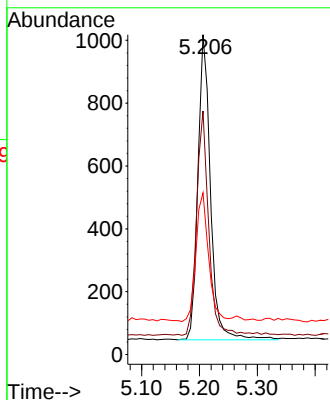
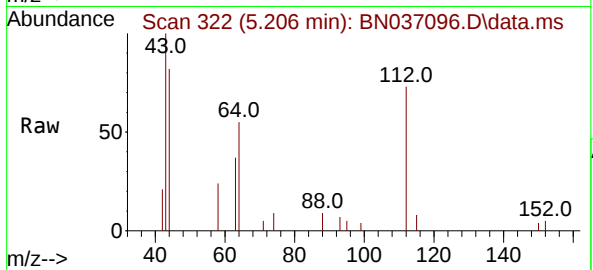




#4
2-Fluorophenol
Concen: 0.183 ng
RT: 5.206 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037096.D
Acq: 27 May 2025 20:36

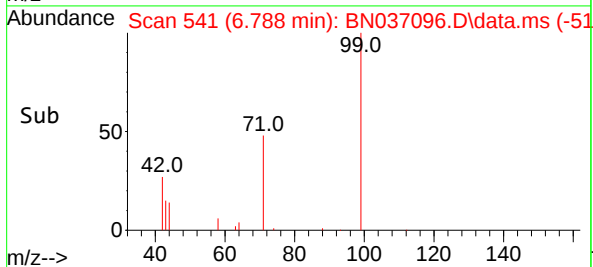
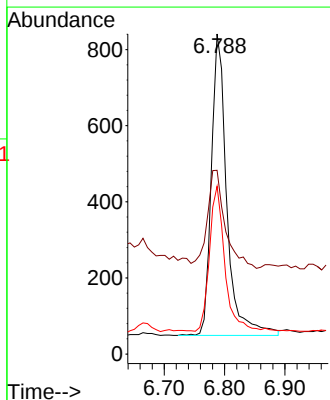
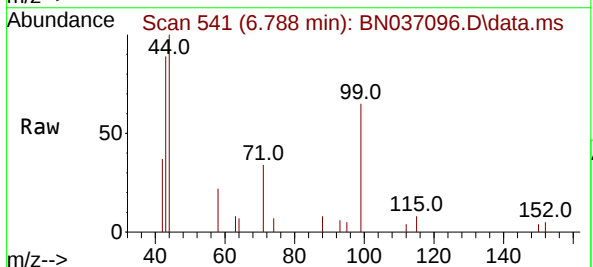
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-540-542

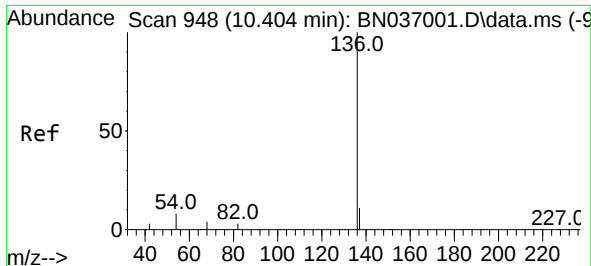
Tgt Ion:112 Resp: 1470
Ion Ratio Lower Upper
112 100
64 71.4 55.7 83.5
63 42.4 34.6 51.8



#5
Phenol-d6
Concen: 0.141 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037096.D
Acq: 27 May 2025 20:36

Tgt Ion: 99 Resp: 1411
Ion Ratio Lower Upper
99 100
42 38.0 29.3 43.9
71 47.0 35.7 53.5

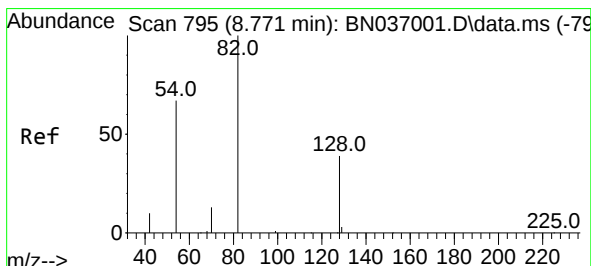
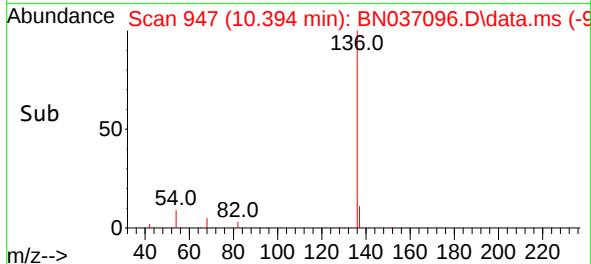
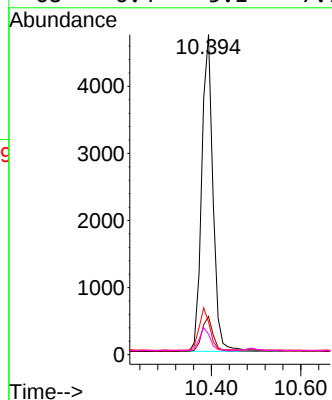
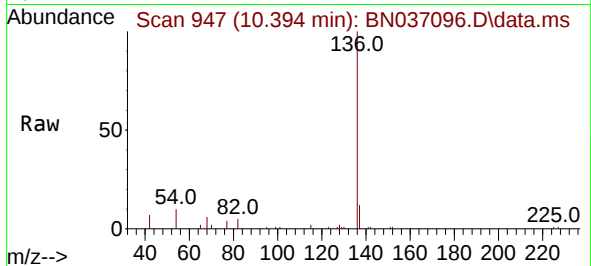




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 948
Delta R.T. -0.011 min
Lab File: BN037096.D
Acq: 27 May 2025 20:36

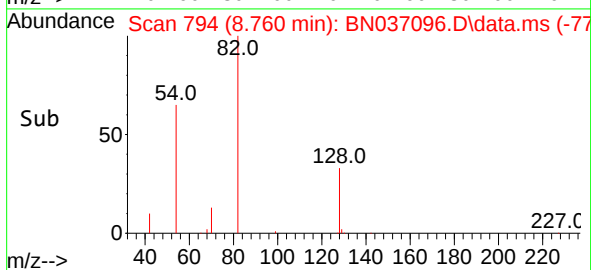
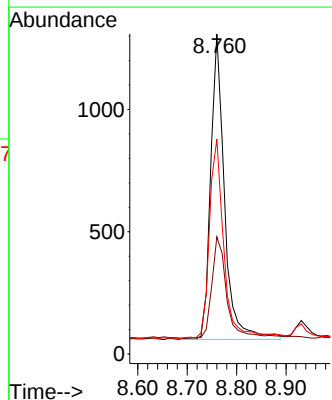
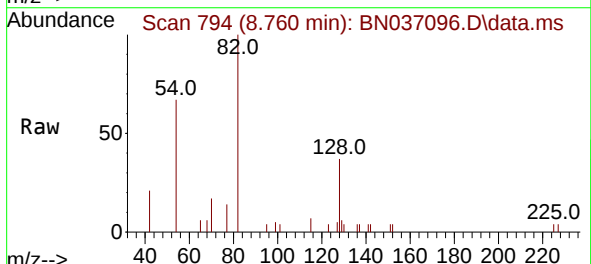
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-540-542

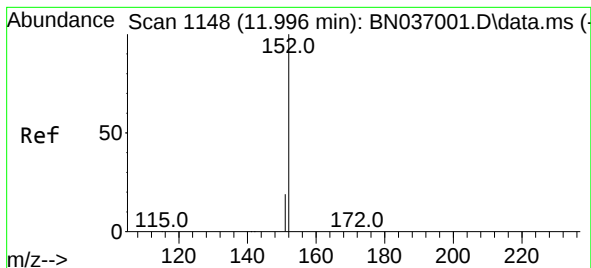
Tgt Ion:	136	Resp:	8279
Ion	Ratio	Lower	Upper
136	100		
137	11.9	10.4	15.6
54	10.2	8.5	12.7
68	6.4	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.270 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037096.D
Acq: 27 May 2025 20:36

Tgt Ion:	82	Resp:	2432
Ion	Ratio	Lower	Upper
82	100		
128	36.6	34.0	51.0
54	67.2	55.0	82.4

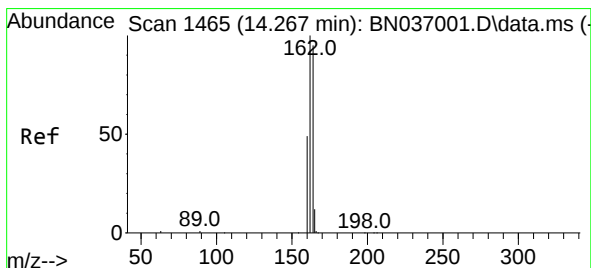
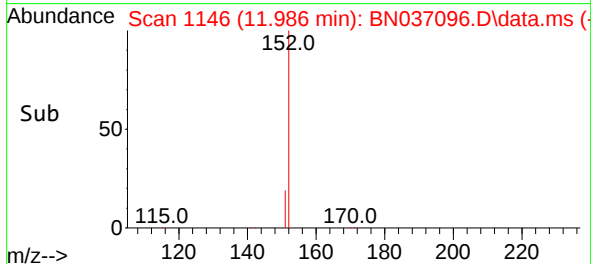
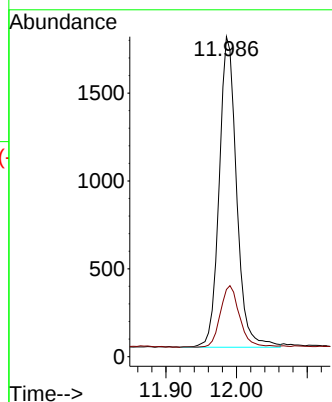
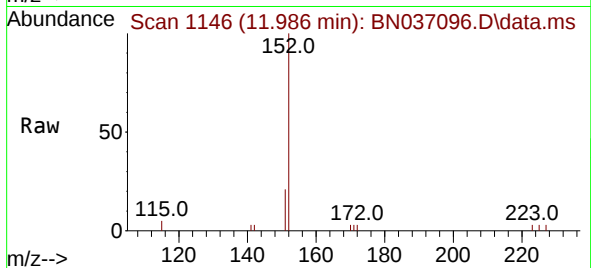




#11
2-Methylnaphthalene-d10
Concen: 0.260 ng
RT: 11.986 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN037096.D
Acq: 27 May 2025 20:36

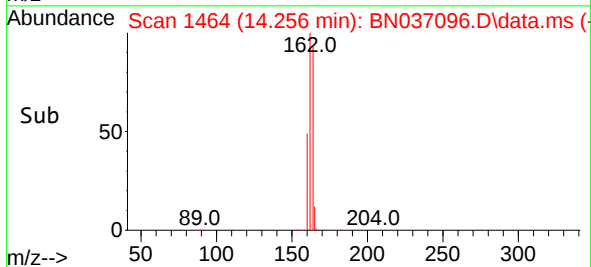
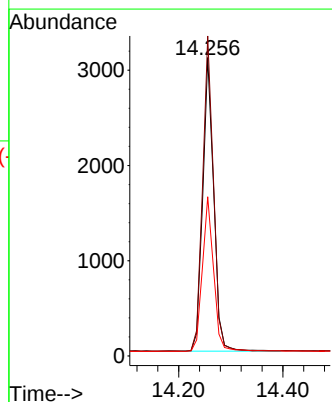
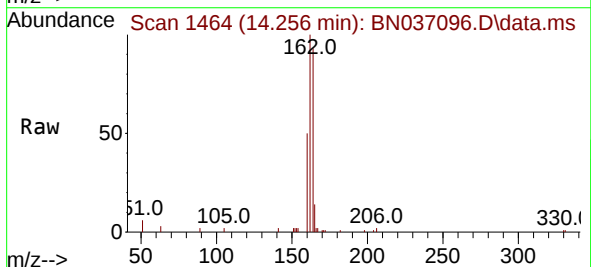
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-540-542

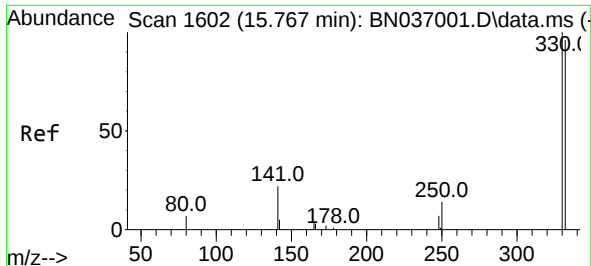
Tgt Ion:152 Resp: 3032
Ion Ratio Lower Upper
152 100
151 21.7 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037096.D
Acq: 27 May 2025 20:36

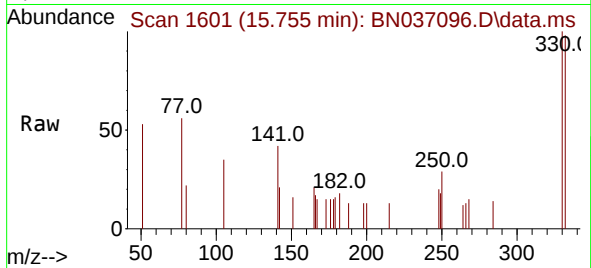
Tgt Ion:164 Resp: 4549
Ion Ratio Lower Upper
164 100
162 107.2 84.2 126.4
160 53.4 42.6 63.8



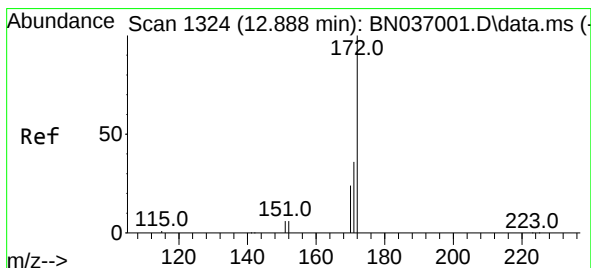
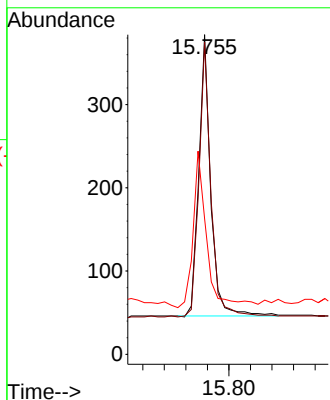
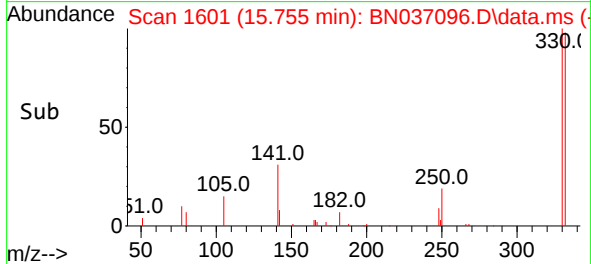


#14
2,4,6-Tribromophenol
Concen: 0.260 ng
RT: 15.755 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037096.D
Acq: 27 May 2025 20:36

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

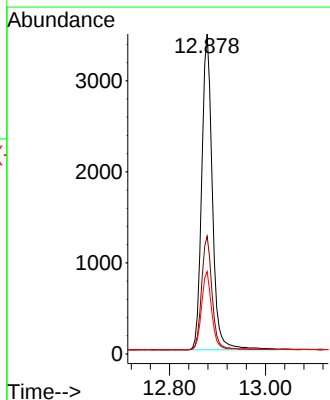
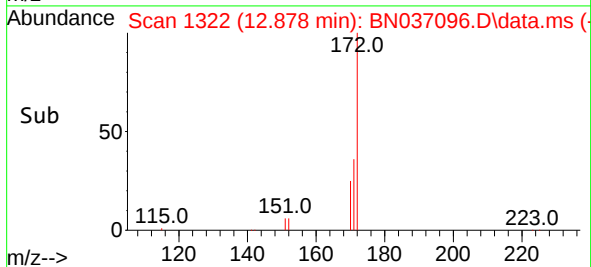
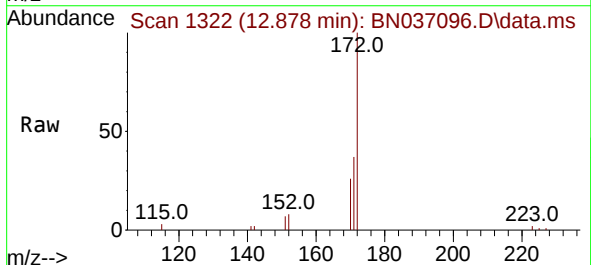


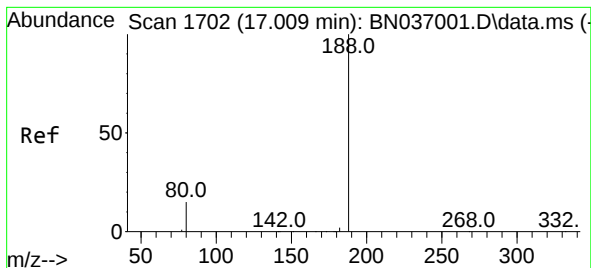
Tgt Ion:330 Resp: 519
Ion Ratio Lower Upper
330 100
332 98.7 73.8 110.8
141 63.8 43.9 65.9



#15
2-Fluorobiphenyl
Concen: 0.271 ng
RT: 12.878 min Scan# 1322
Delta R.T. -0.010 min
Lab File: BN037096.D
Acq: 27 May 2025 20:36

Tgt Ion:172 Resp: 5635
Ion Ratio Lower Upper
172 100
171 36.8 29.2 43.8
170 25.8 20.5 30.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.009 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN037096.D

Acq: 27 May 2025 20:36

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-540-542

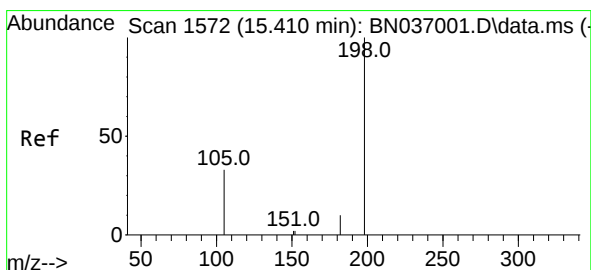
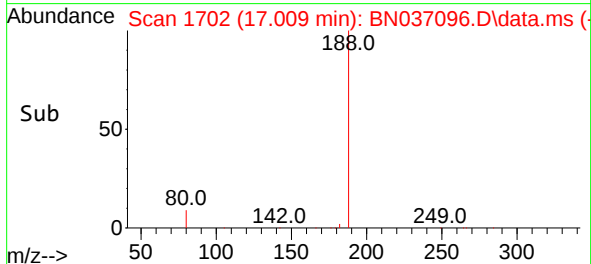
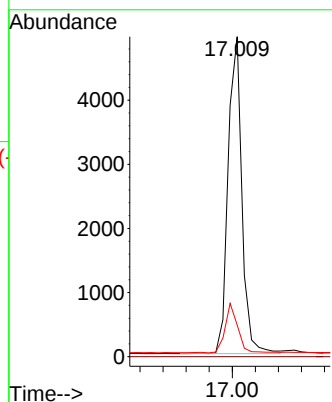
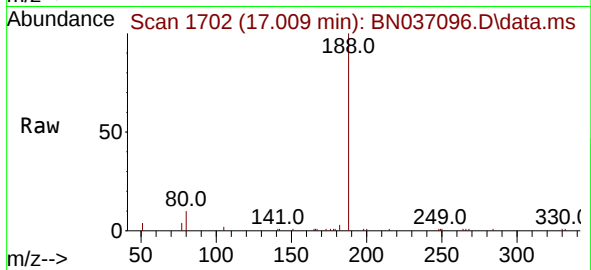
Tgt Ion:188 Resp: 8226

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.9 13.4 20.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.032 ng

RT: 15.410 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BN037096.D

Acq: 27 May 2025 20:36

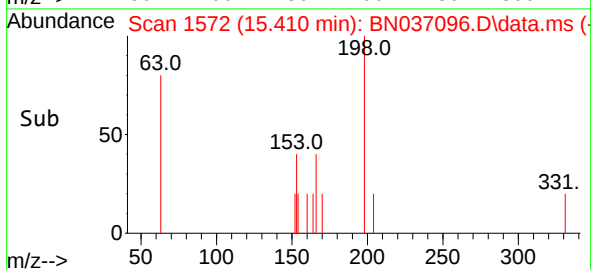
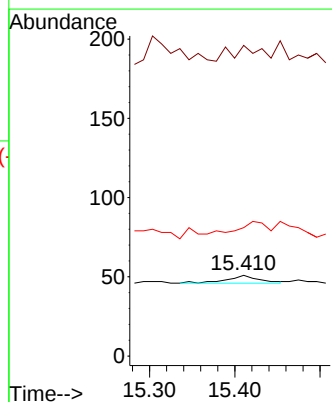
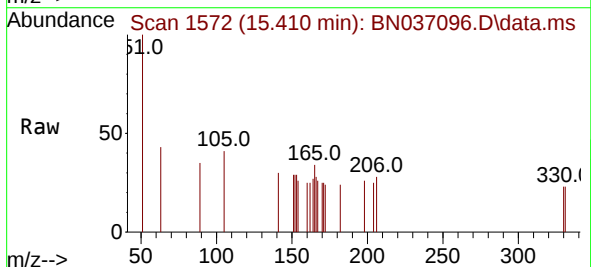
Tgt Ion:198 Resp: 13

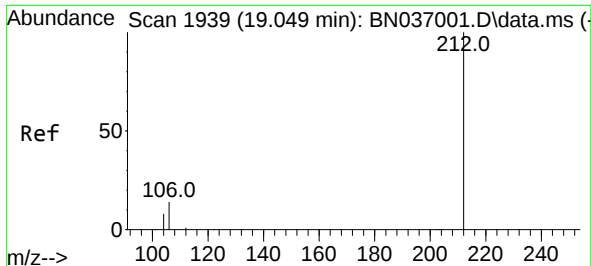
Ion Ratio Lower Upper

198 100

51 384.3 87.8 131.6#

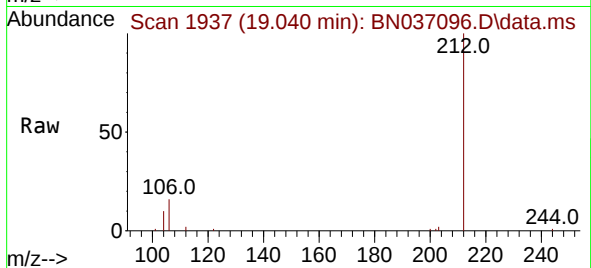
105 158.8 44.2 66.4#



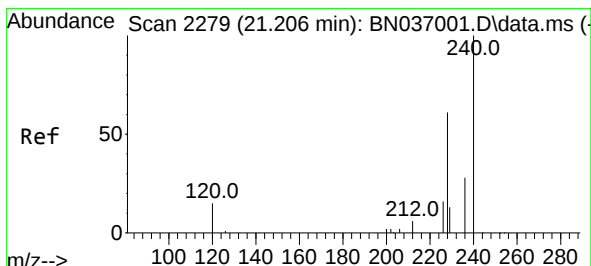
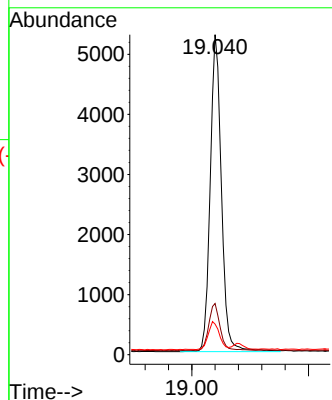
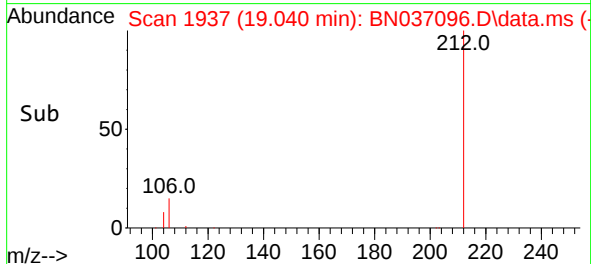


#27
Fluoranthene-d10
Concen: 0.314 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037096.D
Acq: 27 May 2025 20:36

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

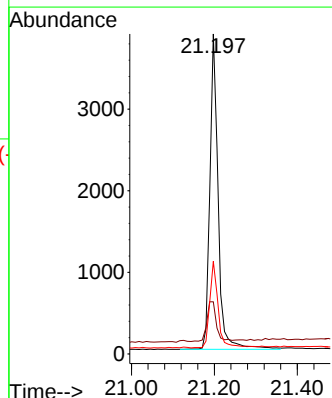
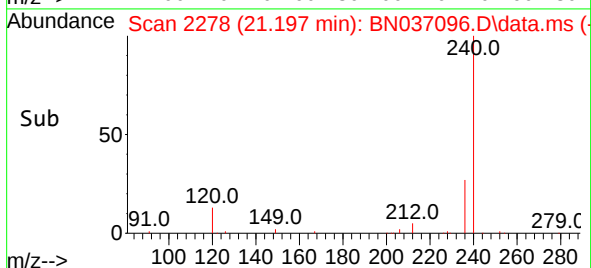
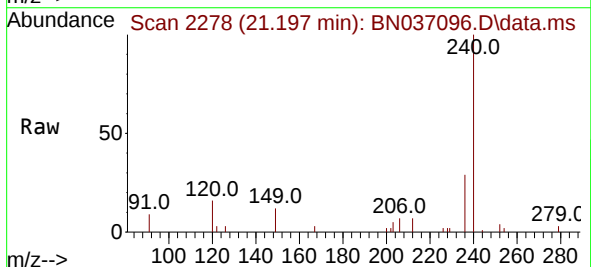


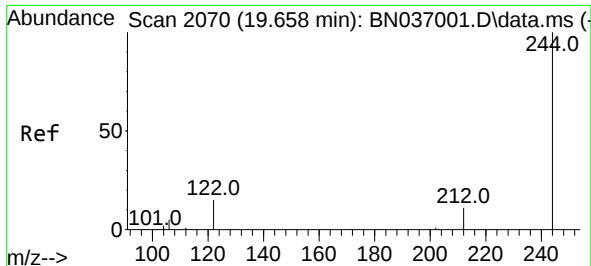
Tgt Ion:212 Resp: 7079
Ion Ratio Lower Upper
212 100
106 15.2 11.3 16.9
104 8.7 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.197 min Scan# 2278
Delta R.T. -0.009 min
Lab File: BN037096.D
Acq: 27 May 2025 20:36

Tgt Ion:240 Resp: 5403
Ion Ratio Lower Upper
240 100
120 16.3 15.1 22.7
236 29.0 24.0 36.0

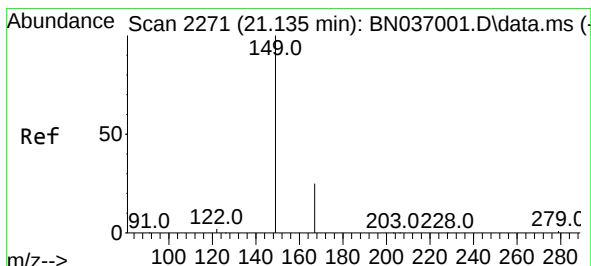
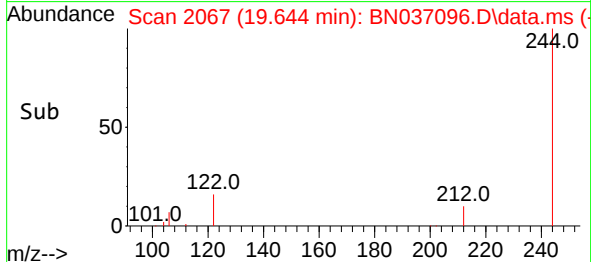
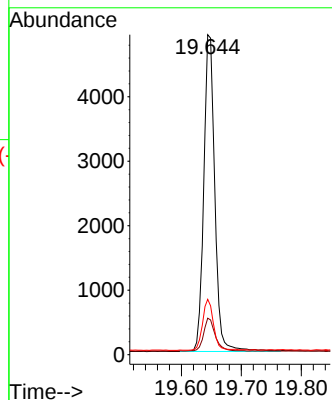
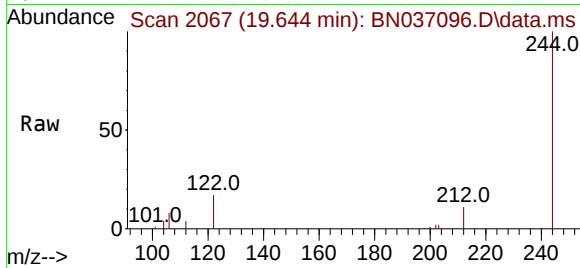




#31
 Terphenyl-d14
 Concen: 0.545 ng
 RT: 19.644 min Scan# 2070
 Delta R.T. -0.014 min
 Lab File: BN037096.D
 Acq: 27 May 2025 20:36

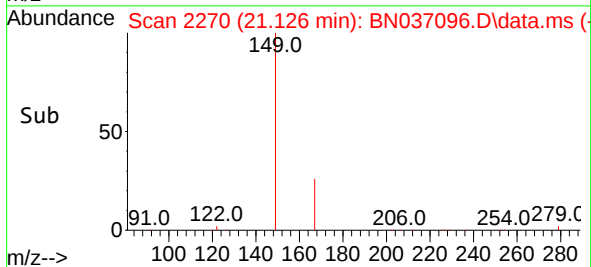
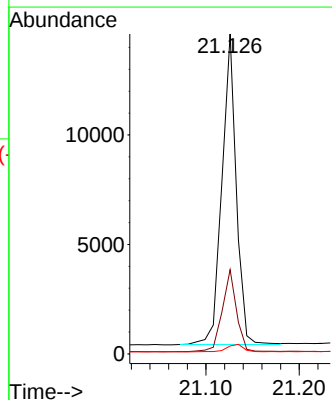
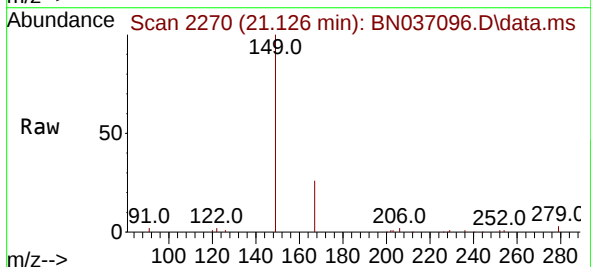
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-540-542

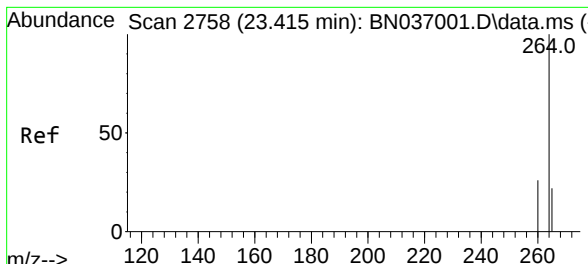
Tgt Ion:244 Resp: 6296
 Ion Ratio Lower Upper
 244 100
 212 11.4 9.7 14.5
 122 17.3 13.4 20.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.204 ng
 RT: 21.126 min Scan# 2270
 Delta R.T. -0.009 min
 Lab File: BN037096.D
 Acq: 27 May 2025 20:36

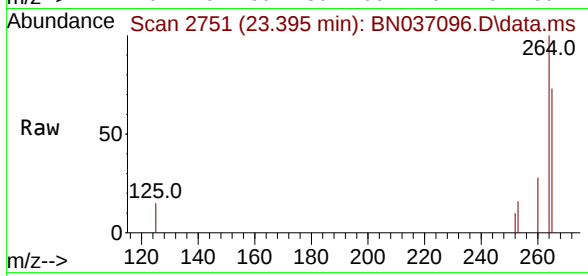
Tgt Ion:149 Resp: 15072
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.6 30.8
 279 2.9 2.6 3.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.395 min Scan# 21
 Delta R.T. -0.020 min
 Lab File: BN037096.D
 Acq: 27 May 2025 20:36

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



Tgt Ion:264 Resp: 4705

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.9	32.9
265	72.9	51.6	77.4

