

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037051.D
 Acq On : 19 May 2025 18:40
 Operator : RC/JU
 Sample : Q2050-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-EB-20250514

Quant Time: May 19 23:46:06 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)

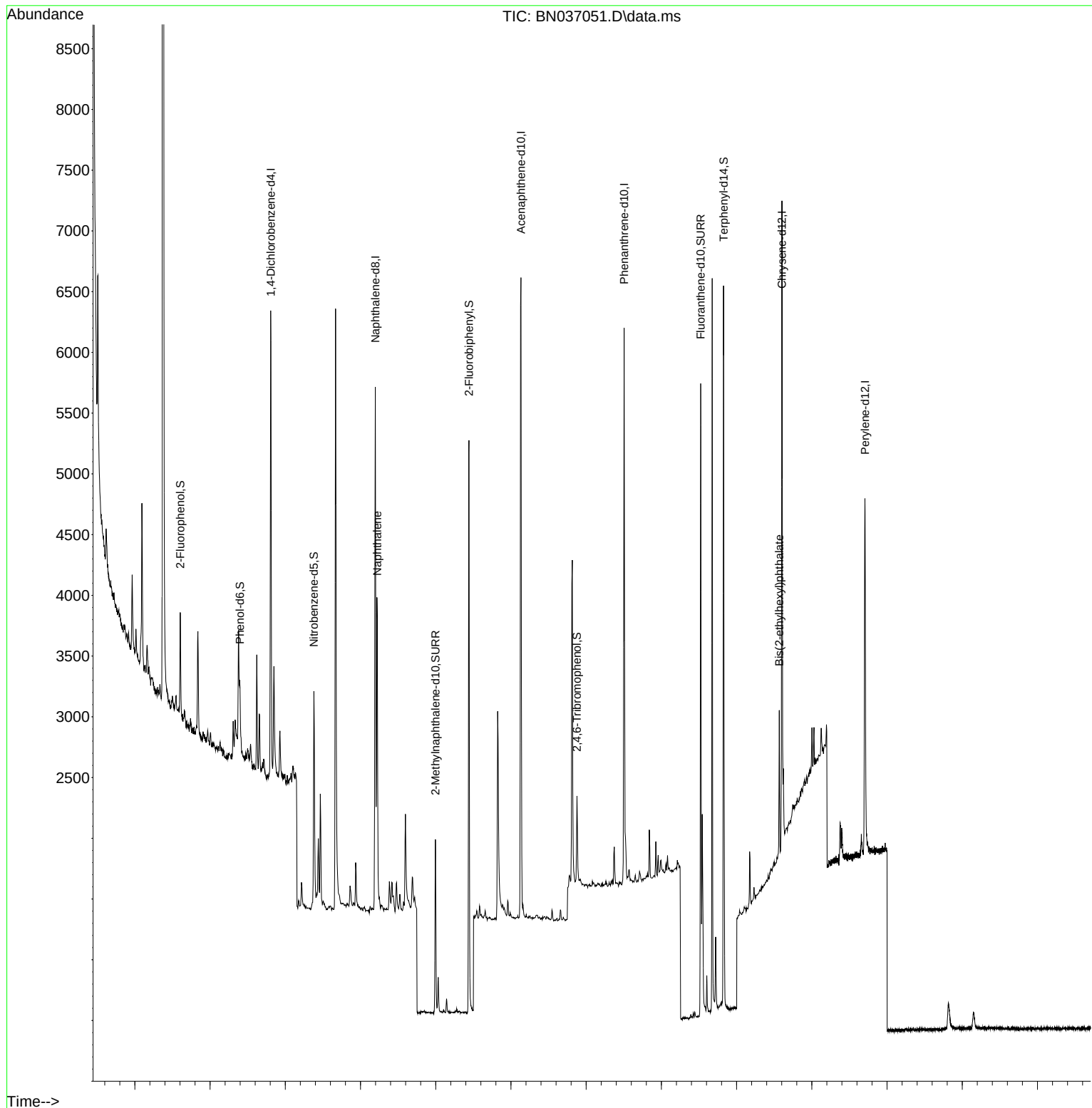
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.618	152	1904	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5247	0.400	ng	-0.01
13) Acenaphthene-d10	14.267	164	3115	0.400	ng	0.00
19) Phenanthrene-d10	17.009	188	6080	0.400	ng	# 0.00
29) Chrysene-d12	21.207	240	4710	0.400	ng	# 0.00
35) Perylene-d12	23.412	264	4050	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	610	0.122	ng	0.00
5) Phenol-d6	6.795	99	423	0.068	ng	0.00
8) Nitrobenzene-d5	8.760	82	1584	0.277	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2004	0.271	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	401	0.293	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	4799	0.336	ng	0.00
27) Fluoranthene-d10	19.045	212	5969	0.358	ng	0.00
31) Terphenyl-d14	19.653	244	5421	0.538	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.447	128	772	0.050	ng	# 83
30) Pyrene	19.444	202	426	0.021	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.135	149	1025	0.094	ng	# 95

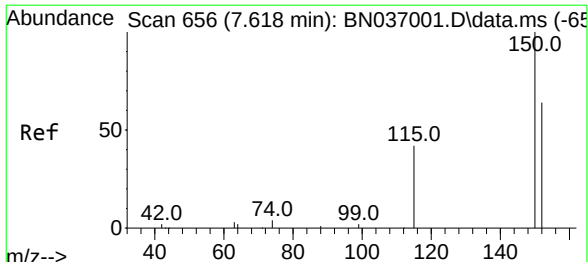
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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BP-VPB-182-EB-20250514

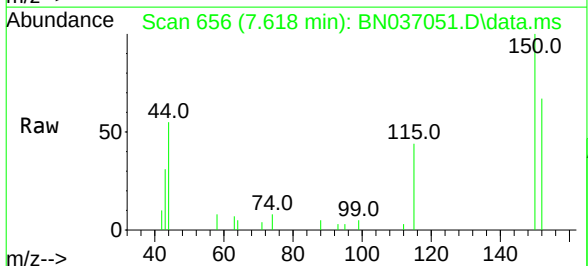
Quant Time: May 19 23:46:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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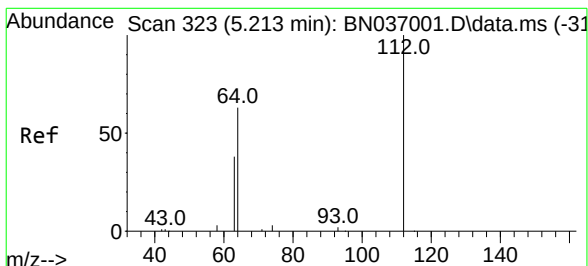
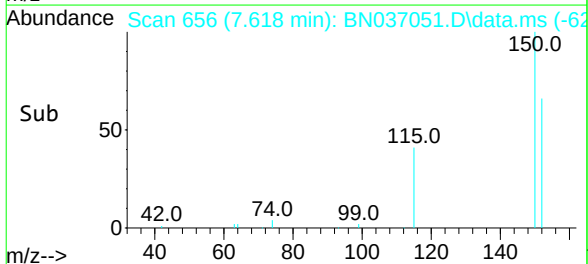
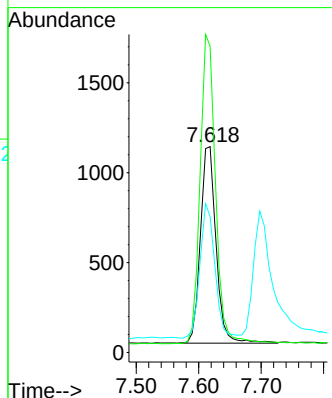


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.618 min Scan# 65
 Delta R.T. 0.000 min
 Lab File: BN037051.D
 Acq: 19 May 2025 18:40

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-EB-20250514

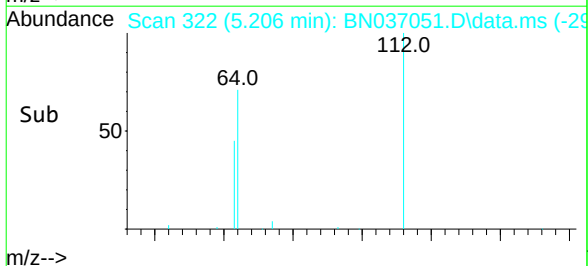
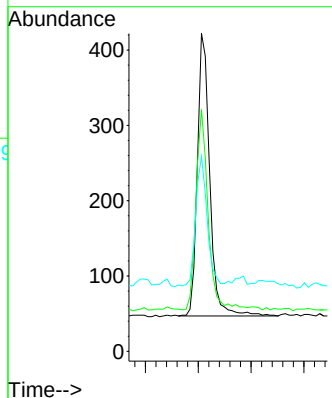
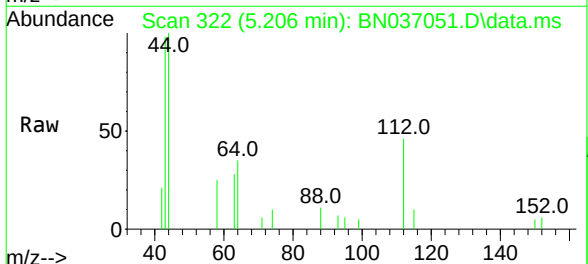


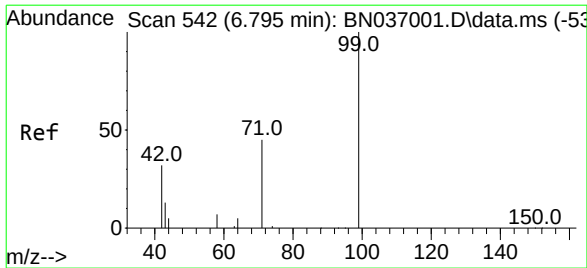
Tgt Ion:	152	Resp:	1904
Ion	Ratio	Lower	Upper
152	100		
150	148.7	123.9	185.9
115	65.9	55.8	83.8



#4
 2-Fluorophenol
 Concen: 0.122 ng
 RT: 5.206 min Scan# 322
 Delta R.T. -0.007 min
 Lab File: BN037051.D
 Acq: 19 May 2025 18:40

Tgt Ion:	112	Resp:	610
Ion	Ratio	Lower	Upper
112	100		
64	69.7	55.7	83.5
63	44.8	34.6	51.8





#5

Phenol-d6

Concen: 0.068 ng

RT: 6.795 min Scan# 54

Delta R.T. -0.000 min

Lab File: BN037051.D

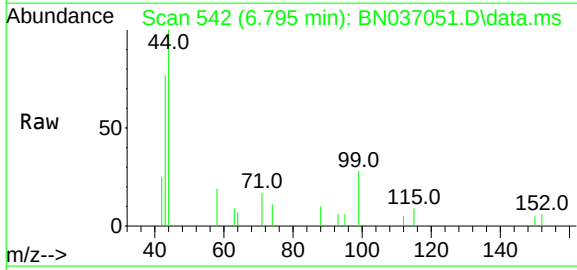
Acq: 19 May 2025 18:40

Instrument :

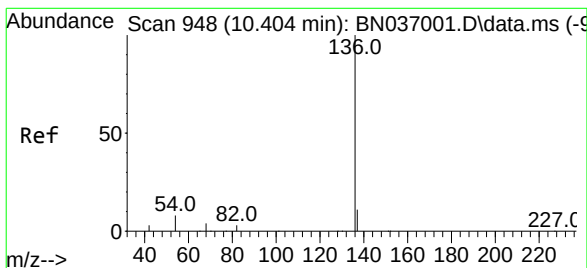
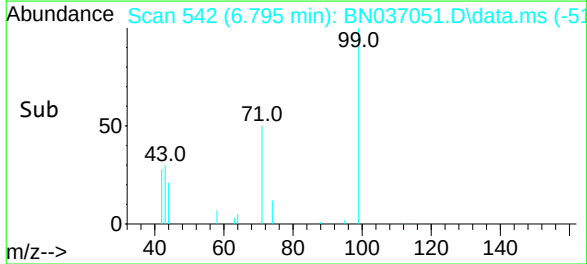
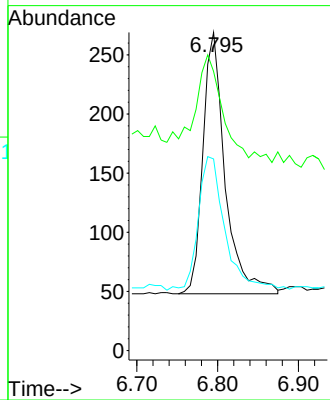
BNA_N

ClientSampleId :

BP-VPB-182-EB-20250514



Tgt Ion	Ratio	Lower	Upper
99	100		
42	56.7	29.3	43.9#
71	61.7	35.7	53.5#



#7

Naphthalene-d8

Concen: 0.400 ng

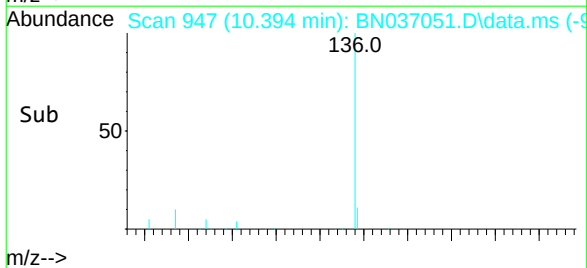
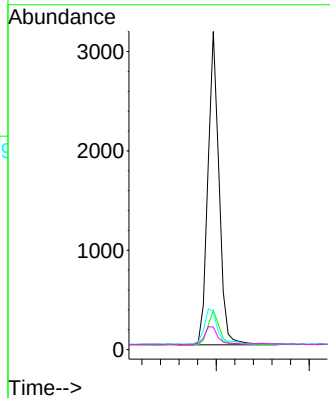
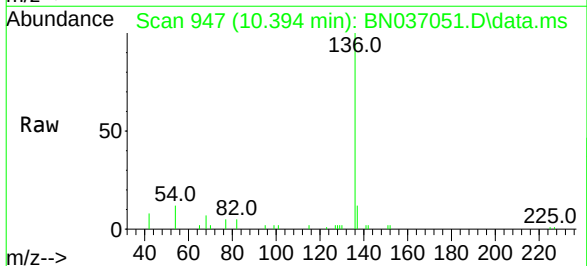
RT: 10.394 min Scan# 947

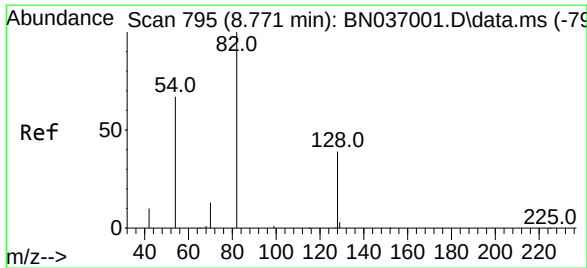
Delta R.T. -0.011 min

Lab File: BN037051.D

Acq: 19 May 2025 18:40

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.4	15.6
54	12.0	8.5	12.7
68	7.1	5.1	7.7

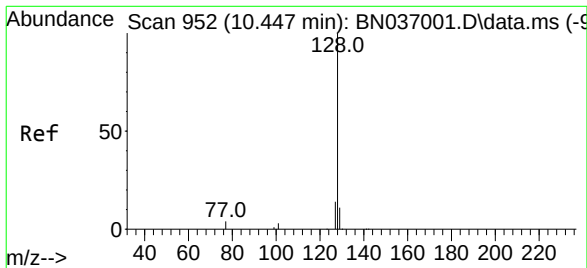
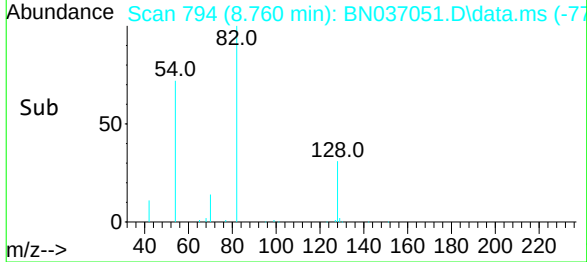
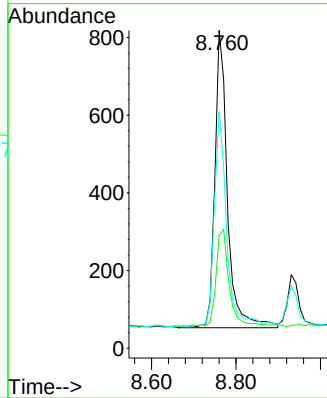
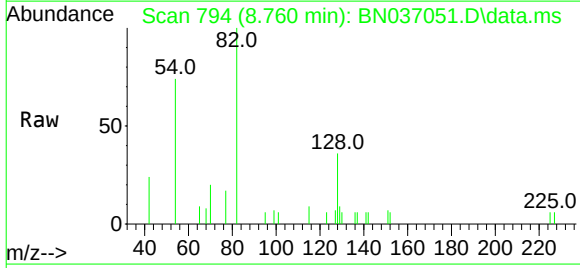




#8
 Nitrobenzene-d5
 Concen: 0.277 ng
 RT: 8.760 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BN037051.D
 Acq: 19 May 2025 18:40

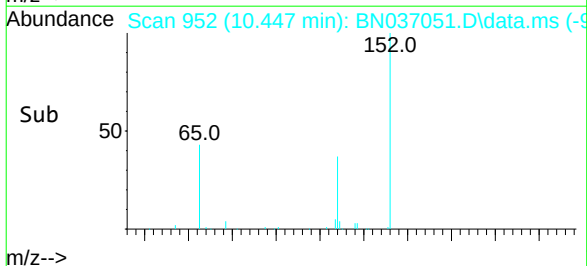
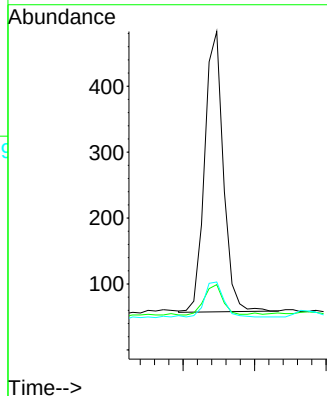
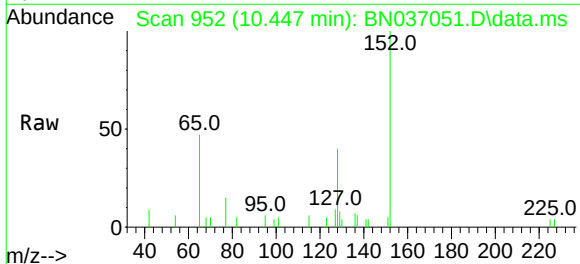
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-EB-20250514

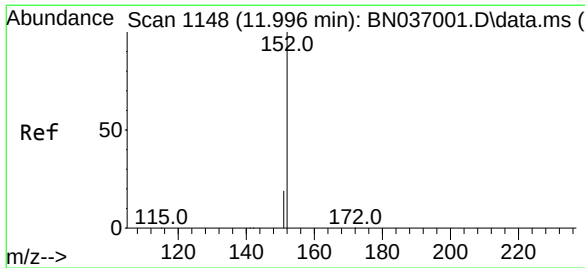
Tgt Ion:	82	Resp:	1584
Ion	Ratio	Lower	Upper
82	100		
128	35.6	34.0	51.0
54	74.4	55.0	82.4



#9
 Naphthalene
 Concen: 0.050 ng
 RT: 10.447 min Scan# 952
 Delta R.T. 0.000 min
 Lab File: BN037051.D
 Acq: 19 May 2025 18:40

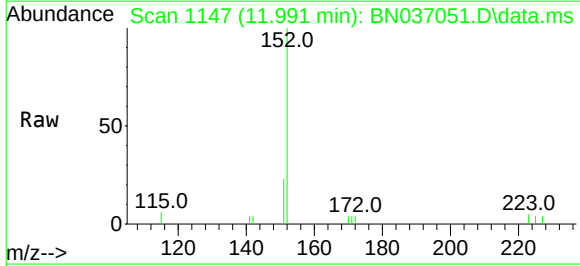
Tgt Ion:	128	Resp:	772
Ion	Ratio	Lower	Upper
128	100		
129	20.5	9.7	14.5#
127	21.3	12.4	18.6#



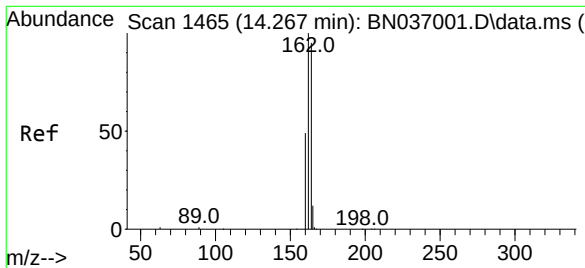
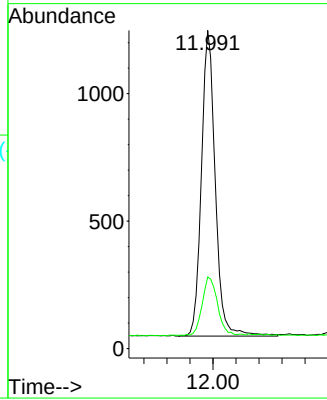
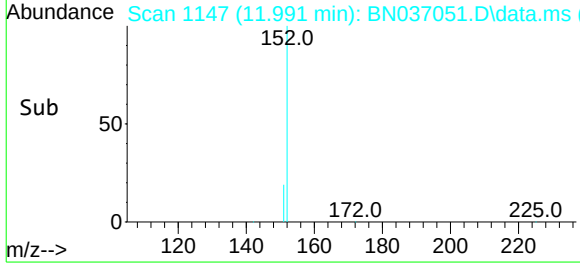


#11
2-Methylnaphthalene-d10
Concen: 0.271 ng
RT: 11.991 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BN037051.D
Acq: 19 May 2025 18:40

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-EB-20250514

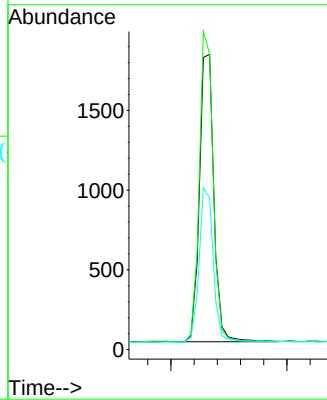
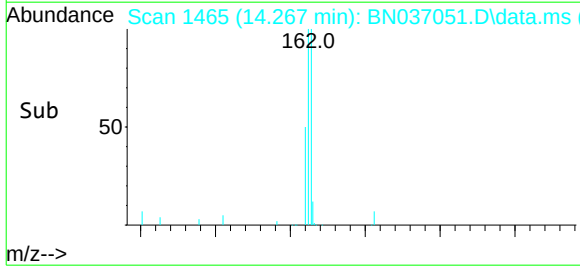
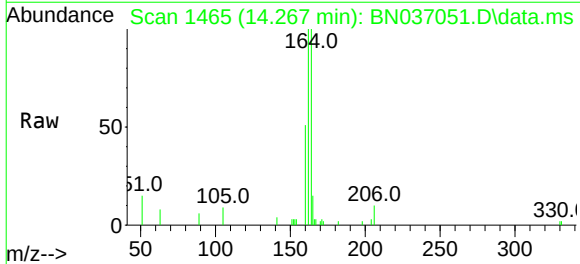


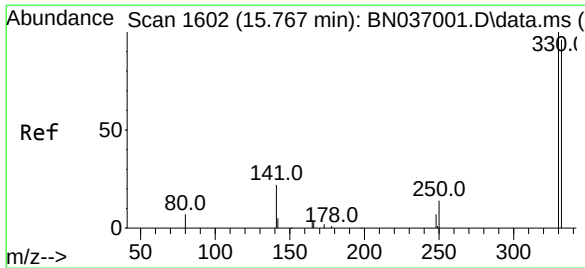
Tgt Ion:152 Resp: 2004
Ion Ratio Lower Upper
152 100
151 20.9 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.267 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN037051.D
Acq: 19 May 2025 18:40

Tgt Ion:164 Resp: 3115
Ion Ratio Lower Upper
164 100
162 100.2 84.2 126.4
160 51.3 42.6 63.8





#14

2,4,6-Tribromophenol

Concen: 0.293 ng

RT: 15.755 min Scan# 16

Delta R.T. -0.012 min

Lab File: BN037051.D

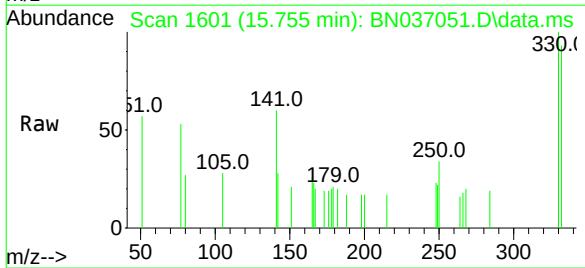
Acq: 19 May 2025 18:40

Instrument :

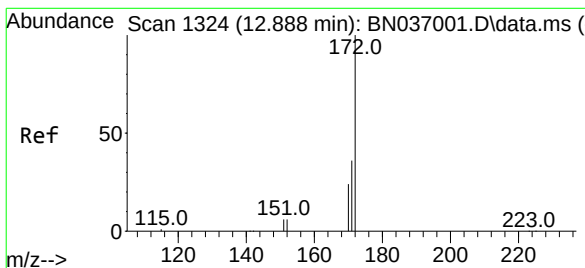
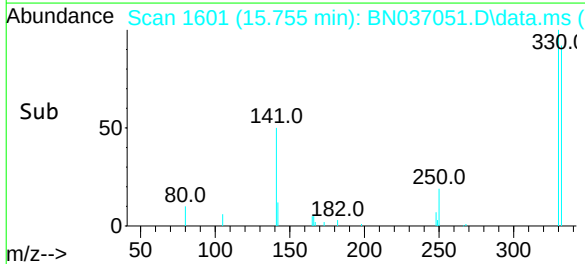
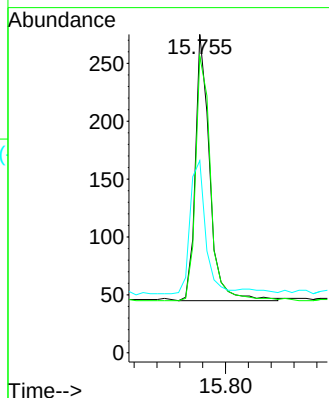
BNA_N

ClientSampleId :

BP-VPB-182-EB-20250514



Tgt Ion:	330	Resp:	401
Ion Ratio	Lower	Upper	
330	100		
332	97.8	73.8	110.8
141	54.1	43.9	65.9



#15

2-Fluorobiphenyl

Concen: 0.336 ng

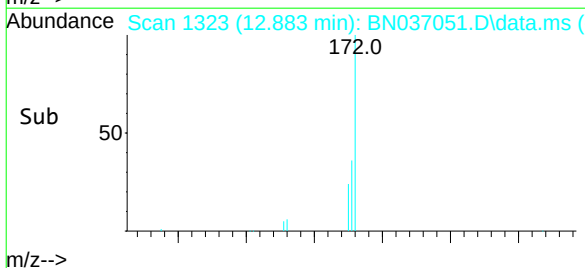
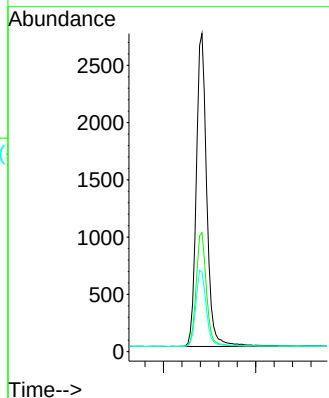
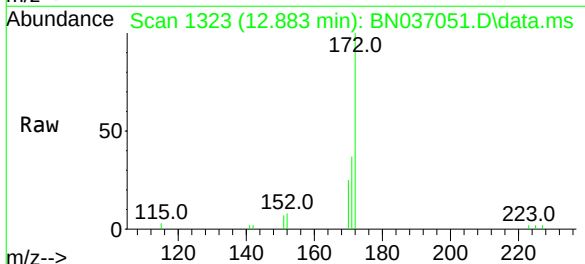
RT: 12.883 min Scan# 1323

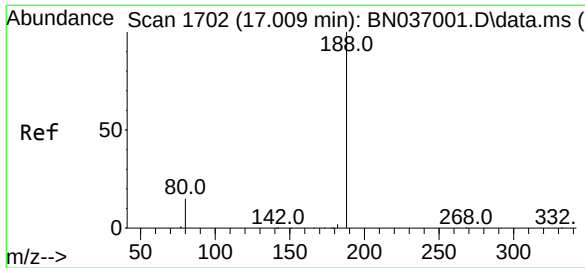
Delta R.T. -0.005 min

Lab File: BN037051.D

Acq: 19 May 2025 18:40

Tgt Ion:	172	Resp:	4799
Ion Ratio	Lower	Upper	
172	100		
171	37.4	29.2	43.8
170	25.1	20.5	30.7

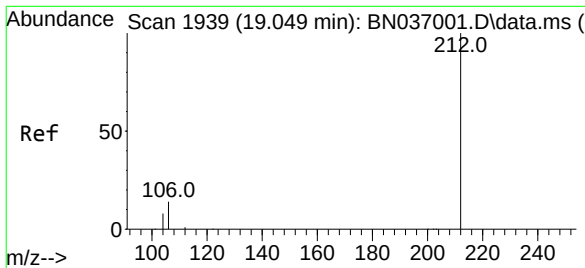
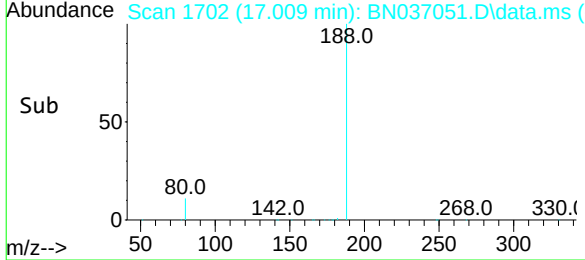
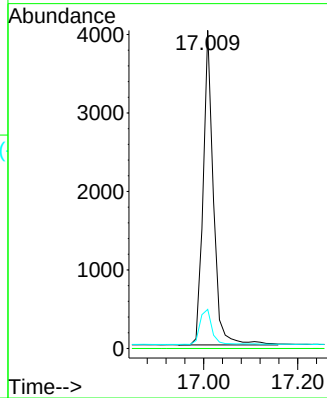
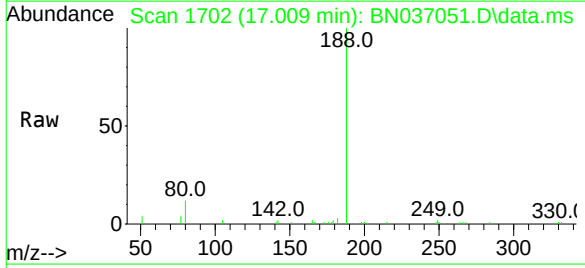




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN037051.D
Acq: 19 May 2025 18:40

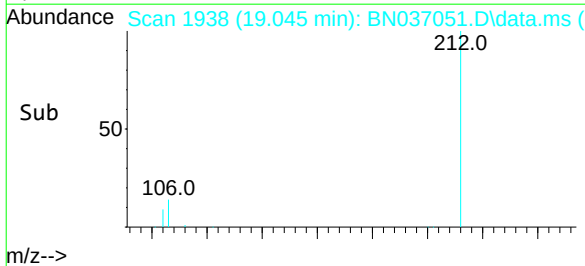
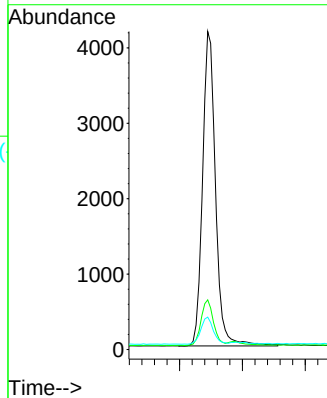
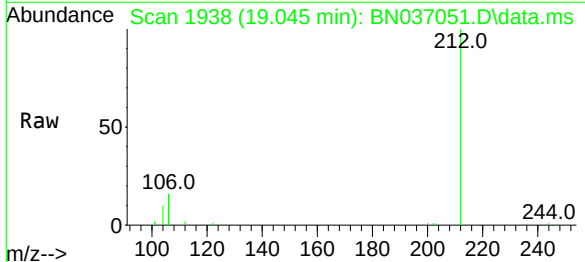
Instrument :
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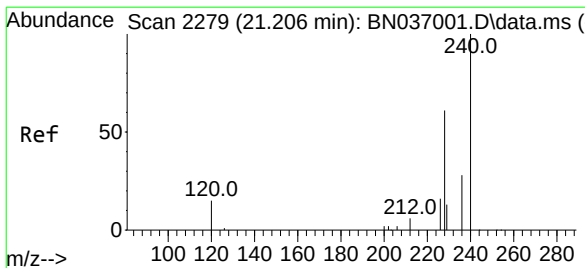
Tgt Ion:	188	Resp:	6080
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.3	13.4	20.0



#27
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.045 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BN037051.D
Acq: 19 May 2025 18:40

Tgt Ion:	212	Resp:	5969
Ion Ratio	Lower	Upper	
212	100		
106	13.9	11.3	16.9
104	8.4	6.7	10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.207 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BN037051.D

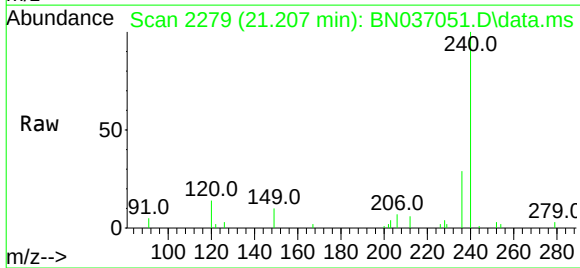
Acq: 19 May 2025 18:40

Instrument :

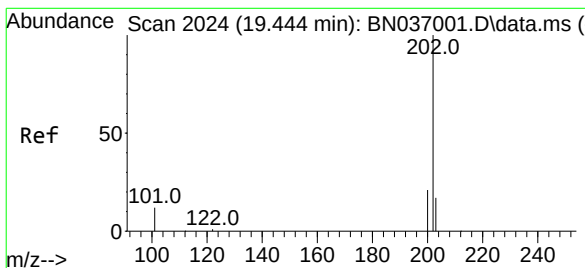
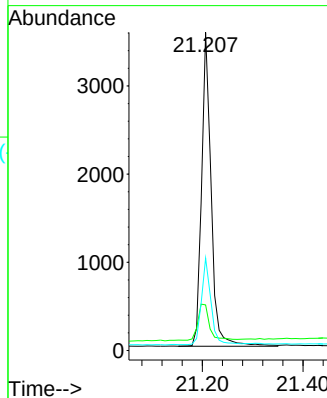
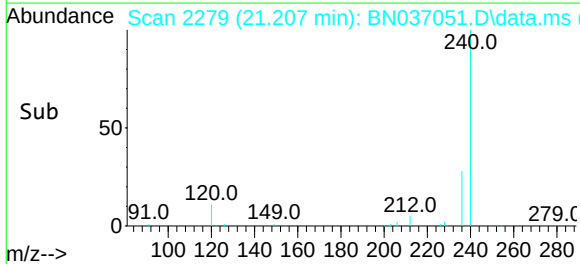
BNA_N

ClientSampleId :

BP-VPB-182-EB-20250514



Tgt Ion:	240	Resp:	4710
Ion Ratio	Lower	Upper	
240	100		
120	14.3	15.1	22.7#
236	29.1	24.0	36.0



#30

Pyrene

Concen: 0.021 ng

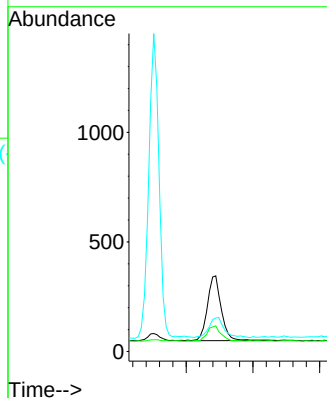
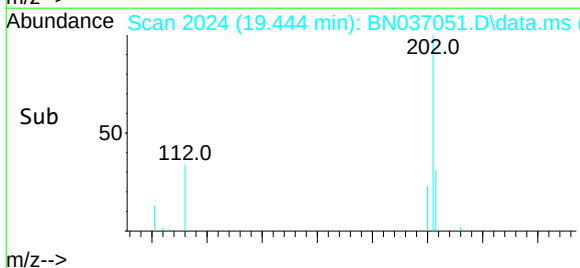
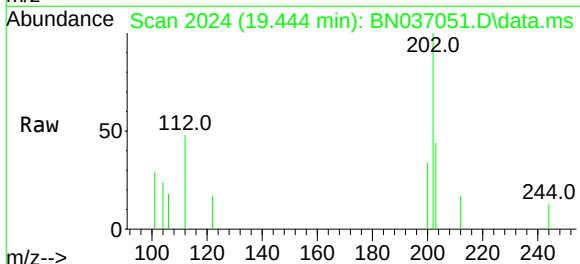
RT: 19.444 min Scan# 2024

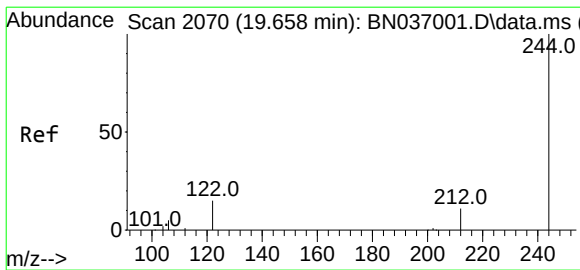
Delta R.T. 0.000 min

Lab File: BN037051.D

Acq: 19 May 2025 18:40

Tgt Ion:	202	Resp:	426
Ion Ratio	Lower	Upper	
202	100		
200	23.9	17.1	25.7
203	35.0	14.2	21.4#





#31

Terphenyl-d14

Concen: 0.538 ng

RT: 19.653 min Scan# 2070

Delta R.T. -0.005 min

Lab File: BN037051.D

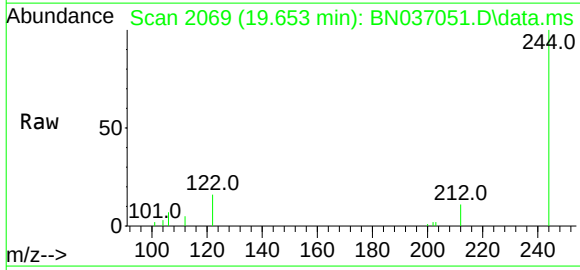
Acq: 19 May 2025 18:40

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-EB-20250514



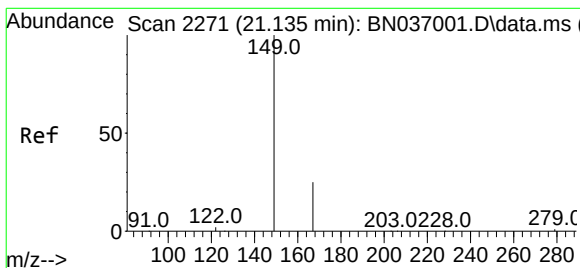
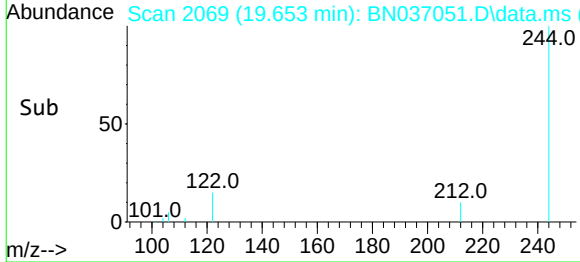
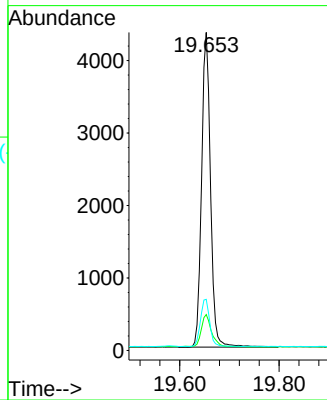
Tgt Ion:244 Resp: 5421

Ion Ratio Lower Upper

244 100

212 11.3 9.7 14.5

122 16.1 13.4 20.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.094 ng

RT: 21.135 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BN037051.D

Acq: 19 May 2025 18:40

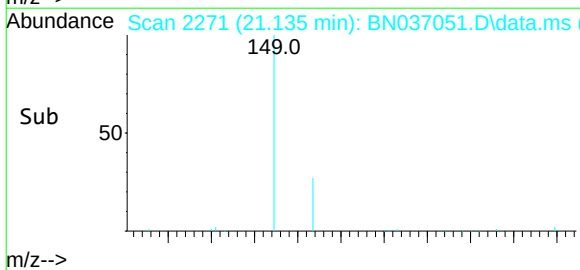
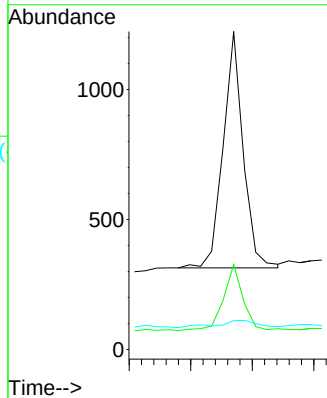
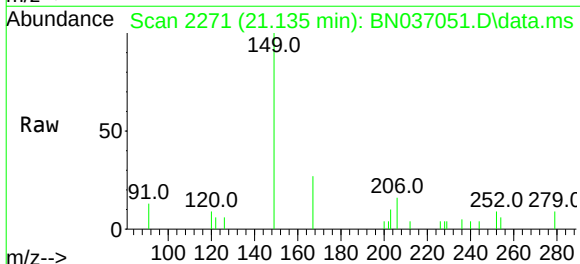
Tgt Ion:149 Resp: 1025

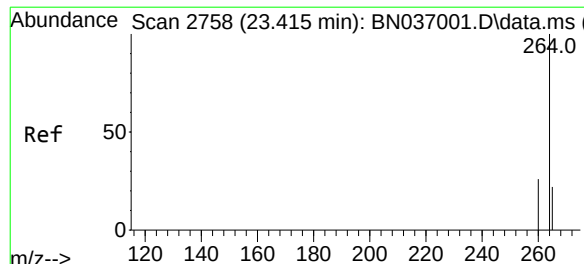
Ion Ratio Lower Upper

149 100

167 27.7 20.6 30.8

279 6.1 2.6 3.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.412 min Scan# 27
 Delta R.T. -0.003 min
 Lab File: BN037051.D
 Acq: 19 May 2025 18:40

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-EB-20250514

Tgt Ion:	264	Resp:	4050
Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.9	32.9
265	70.1	51.6	77.4

