

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
 Data File : BN037115.D
 Acq On : 28 May 2025 18:59
 Operator : RC/JU
 Sample : Q2082-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-300-302

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/29/2025
 Supervised By :Jagrut Upadhyay 05/29/2025

Quant Time: May 29 01:32:18 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	1749	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4761	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2641	0.400	ng	-0.01
19) Phenanthrene-d10	16.996	188	5103	0.400	ng	-0.01
29) Chrysene-d12	21.198	240	3511	0.400	ng	# 0.00
35) Perylene-d12	23.398	264	2983	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	554	0.121	ng	0.00
5) Phenol-d6	6.788	99	415	0.072	ng	0.00
8) Nitrobenzene-d5	8.760	82	1335	0.258	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	1713	0.256	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	416	0.359	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	3978	0.329	ng	0.00
27) Fluoranthene-d10	19.040	212	4536	0.324	ng	0.00
31) Terphenyl-d14	19.644	244	3979	0.530	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.133	88	478	0.223	ng	# 62
9) Naphthalene	10.436	128	367	0.026	ng	# 65
25) Phenanthrene	17.046	178	406m	0.024	ng	
30) Pyrene	19.435	202	371	0.025	ng	# 59
34) Bis(2-ethylhexyl)phtha...	21.126	149	393	0.048	ng	# 91

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

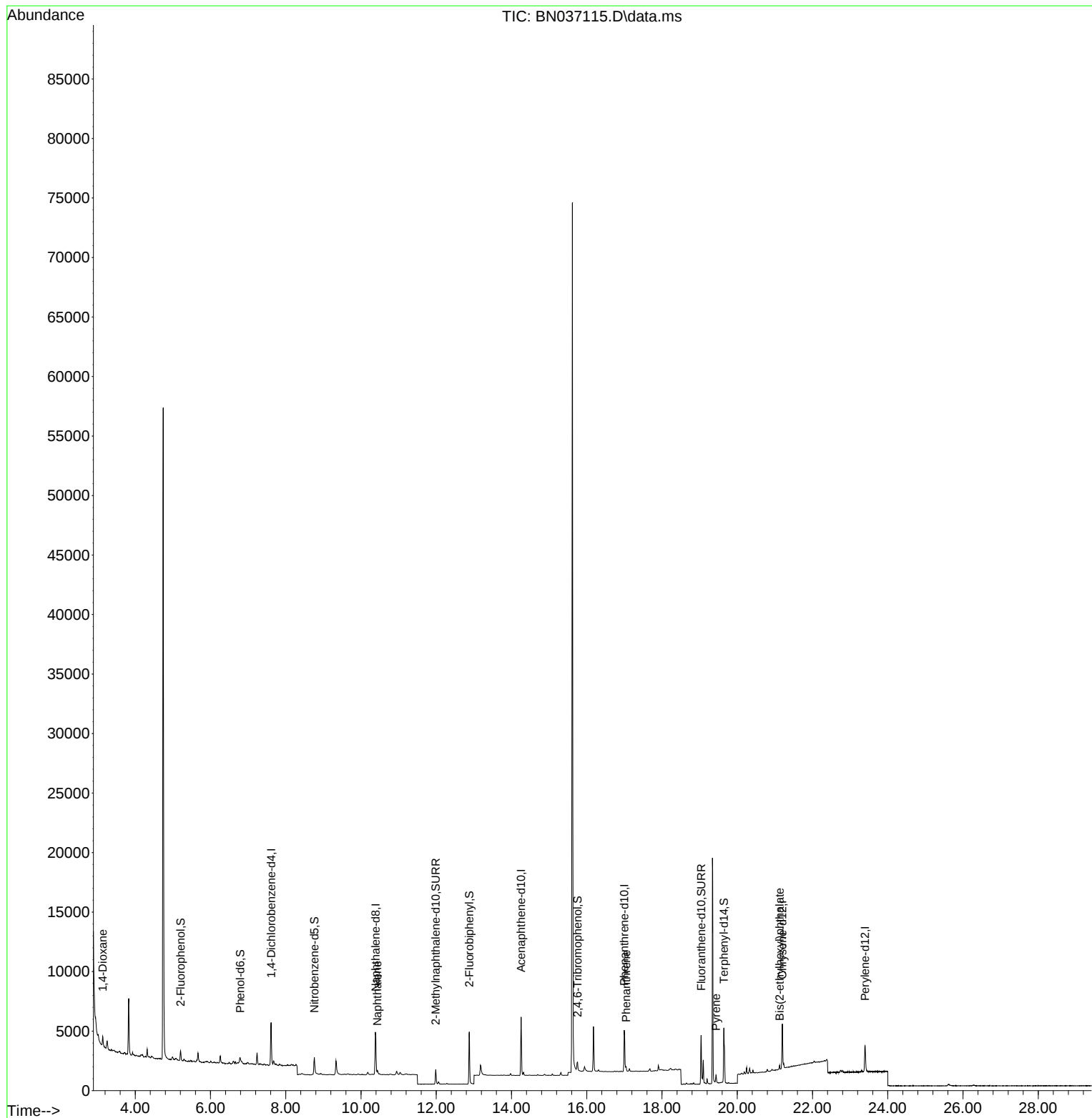
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
Data File : BN037115.D
Acq On : 28 May 2025 18:59
Operator : RC/JU
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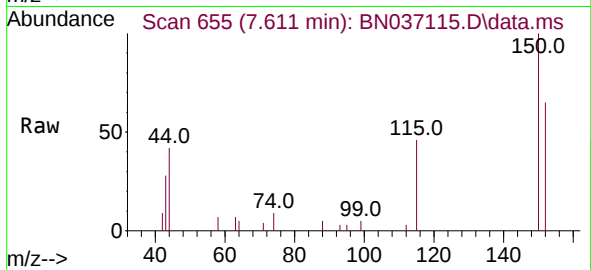
Quant Time: May 29 01:32:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037115.D
 Acq: 28 May 2025 18:59

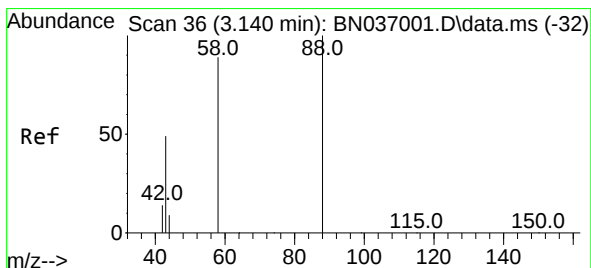
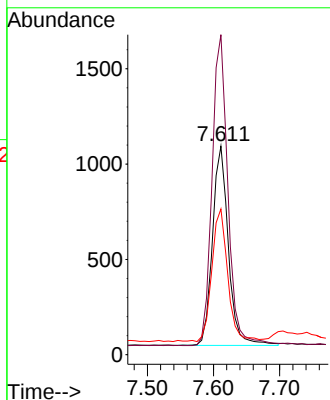
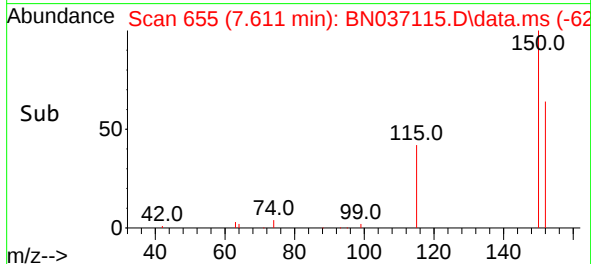
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-300-302



Tgt Ion:152 Resp: 1749
 Ion Ratio Lower Upper
 152 100
 150 153.5 123.9 185.9
 115 69.9 55.8 83.8

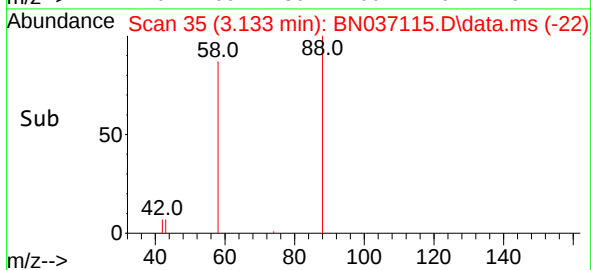
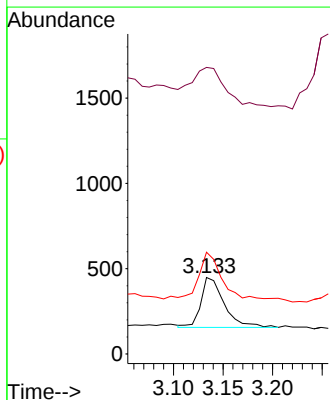
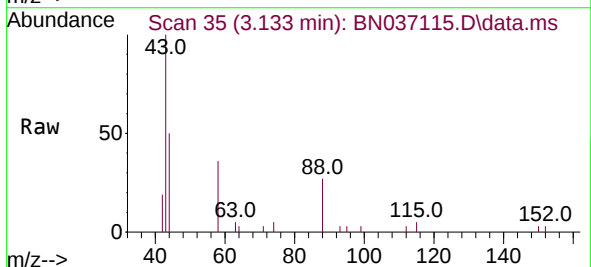
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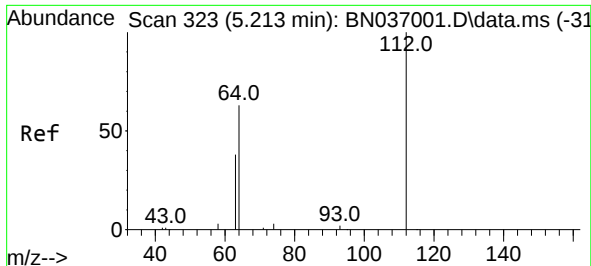
Reviewed By :Rahul Chavli 05/29/2025
 Supervised By :Jagrut Upadhyay 05/29/2025



#2
 1,4-Dioxane
 Concen: 0.223 ng
 RT: 3.133 min Scan# 35
 Delta R.T. -0.007 min
 Lab File: BN037115.D
 Acq: 28 May 2025 18:59

Tgt Ion: 88 Resp: 478
 Ion Ratio Lower Upper
 88 100
 43 114.9 37.4 56.0#
 58 88.5 68.8 103.2





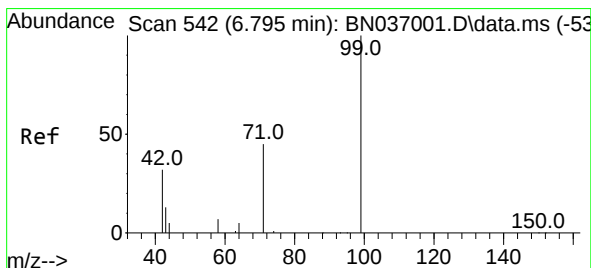
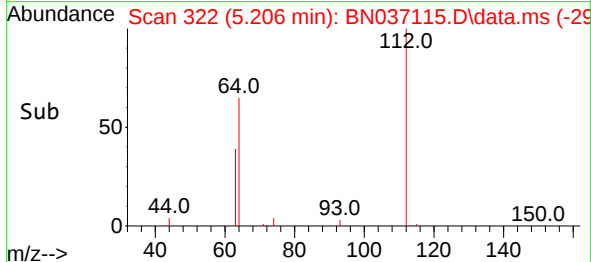
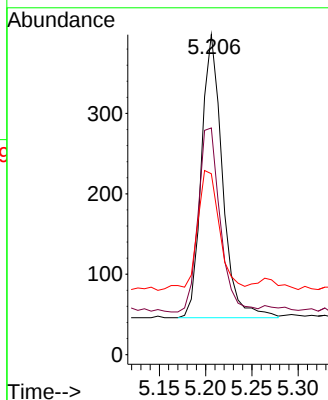
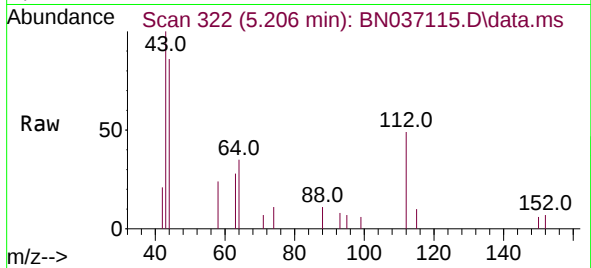
#4
2-Fluorophenol
Concen: 0.121 ng
RT: 5.206 min Scan# 311
Delta R.T. -0.007 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-300-302

Tgt Ion:112 Resp: 554
Ion Ratio Lower Upper
112 100
64 68.4 55.7 83.5
63 46.4 34.6 51.8

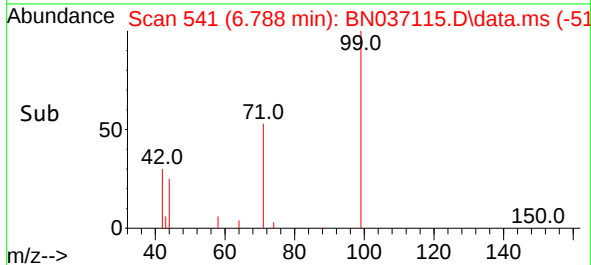
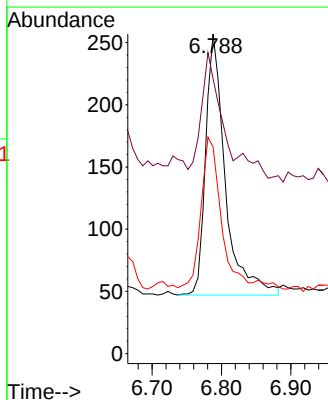
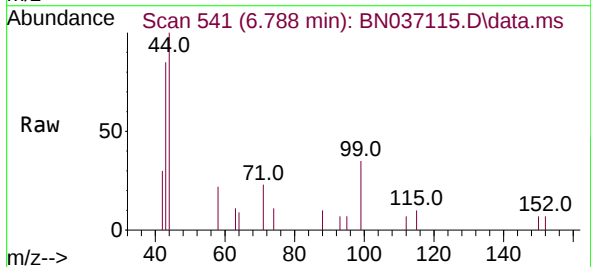
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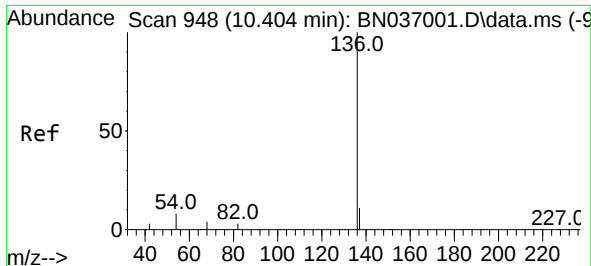
Reviewed By :Rahul Chavli 05/29/2025
Supervised By :Jagrut Upadhyay 05/29/2025



#5
Phenol-d6
Concen: 0.072 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59

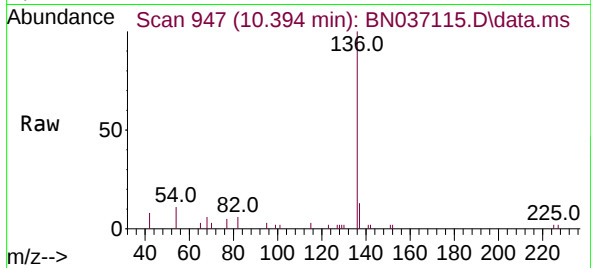
Tgt Ion: 99 Resp: 415
Ion Ratio Lower Upper
99 100
42 40.2 29.3 43.9
71 57.6 35.7 53.5#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 948
Delta R.T. -0.011 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59

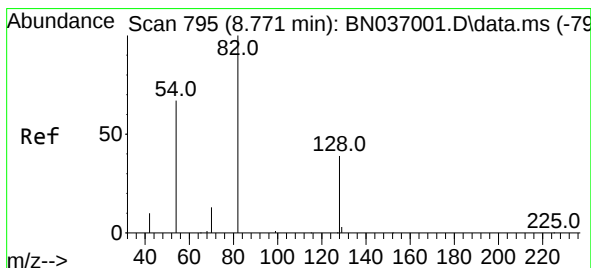
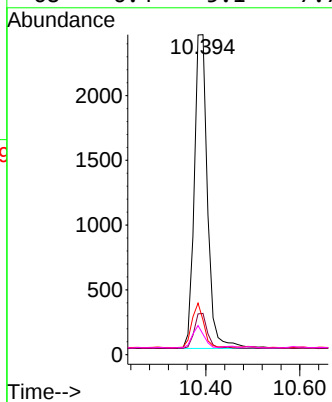
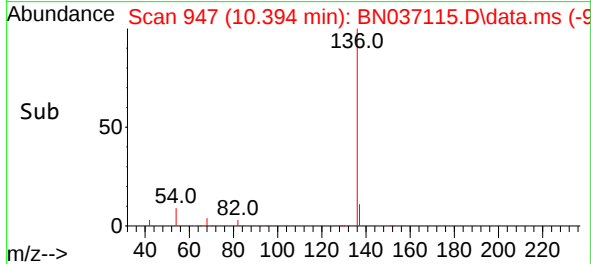
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-300-302



Tgt Ion:136 Resp: 476
Ion Ratio Lower Upper
136 100
137 12.9 10.4 15.6
54 10.8 8.5 12.7
68 6.4 5.1 7.7

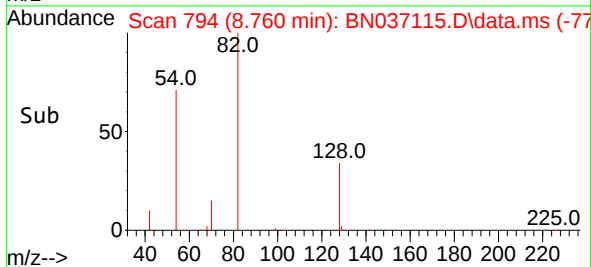
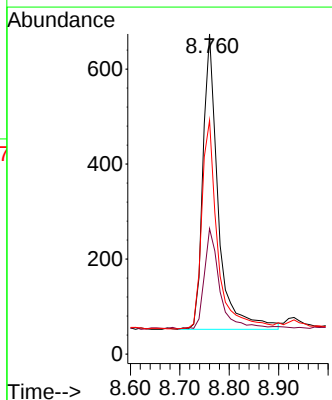
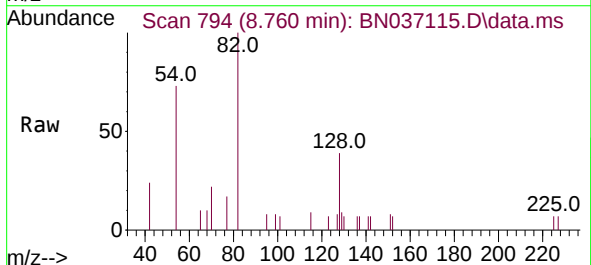
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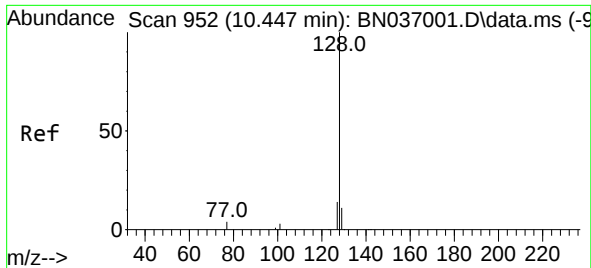
Reviewed By :Rahul Chavli 05/29/2025
Supervised By :Jagrut Upadhyay 05/29/2025



#8
Nitrobenzene-d5
Concen: 0.258 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59

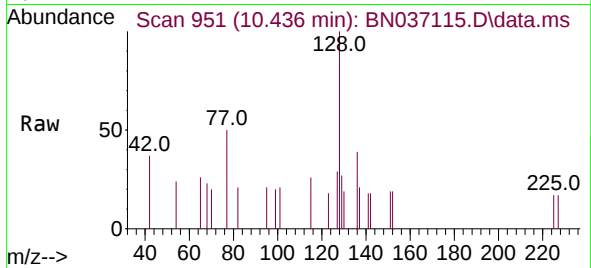
Tgt Ion: 82 Resp: 1335
Ion Ratio Lower Upper
82 100
128 39.2 34.0 51.0
54 73.0 55.0 82.4





#9
Naphthalene
Concen: 0.026 ng
RT: 10.436 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59

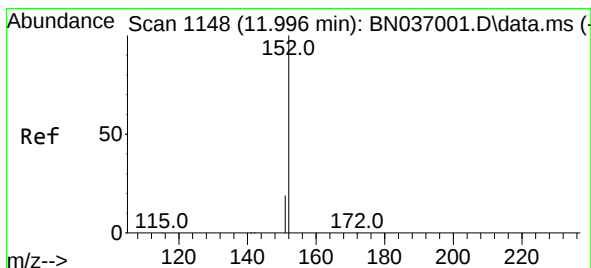
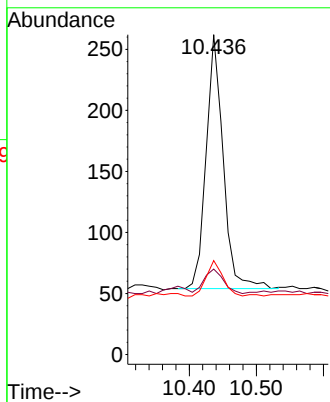
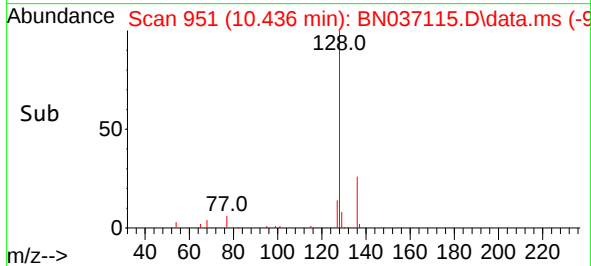
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-300-302



Tgt Ion:128 Resp: 36
Ion Ratio Lower Upper
128 100
129 26.7 9.7 14.5
127 29.4 12.4 18.6

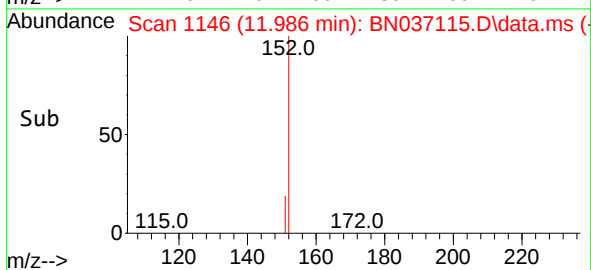
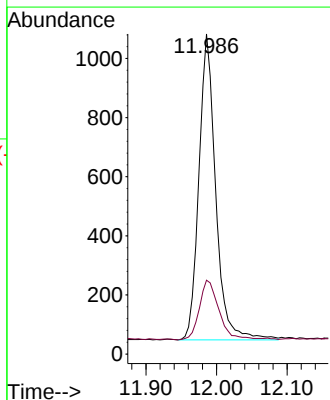
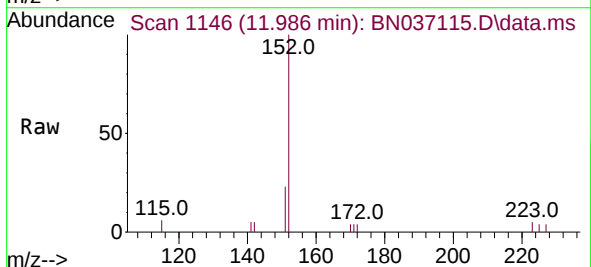
Manual Integrations
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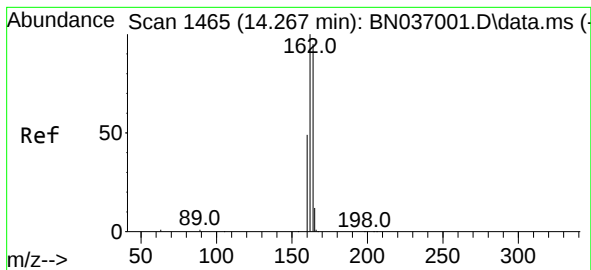
Reviewed By :Rahul Chavli 05/29/2025
Supervised By :Jagrut Upadhyay 05/29/2025



#11
2-Methylnaphthalene-d10
Concen: 0.256 ng
RT: 11.986 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59

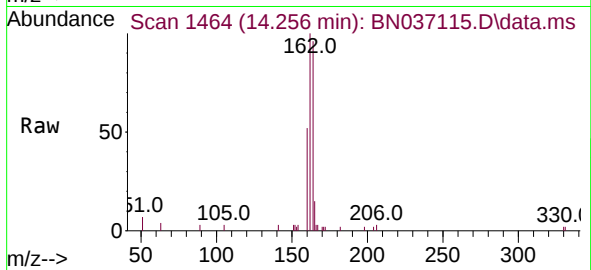
Tgt Ion:152 Resp: 1713
Ion Ratio Lower Upper
152 100
151 22.8 17.5 26.3





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59

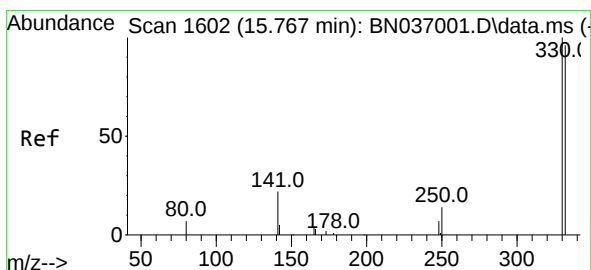
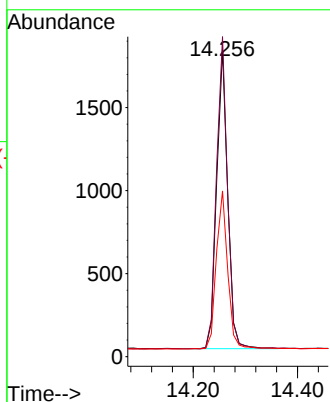
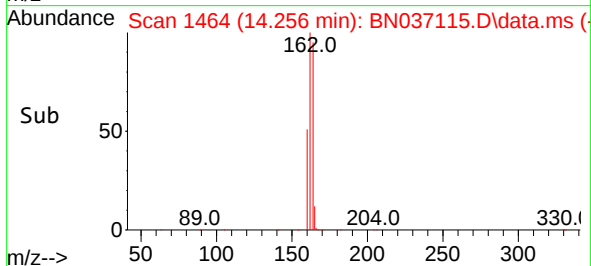
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-300-302



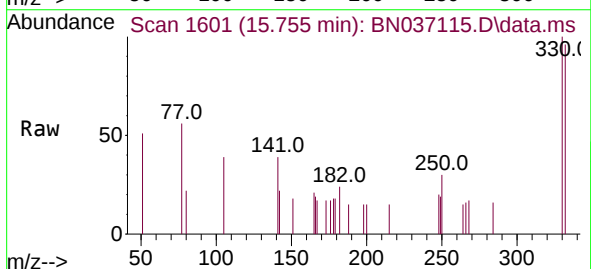
Tgt Ion:164 Resp: 264
Ion Ratio Lower Upper
164 100
162 104.2 84.2 126.4
160 54.0 42.6 63.8

Manual Integrations
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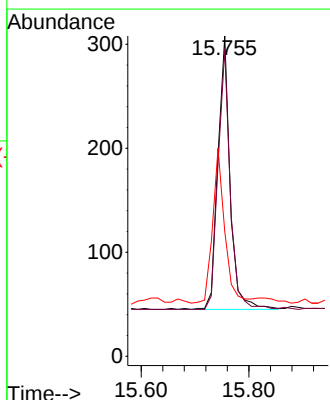
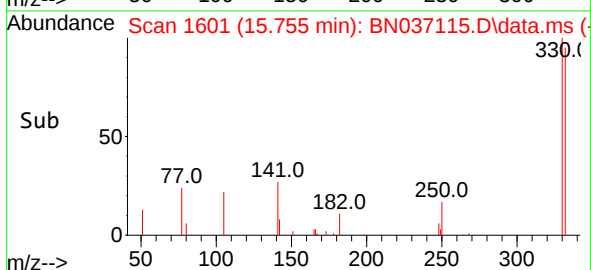
Reviewed By :Rahul Chavli 05/29/2025
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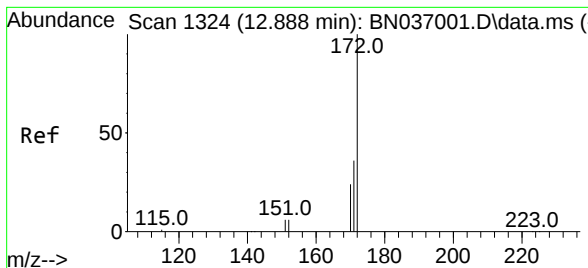


#14
2,4,6-Tribromophenol
Concen: 0.359 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59



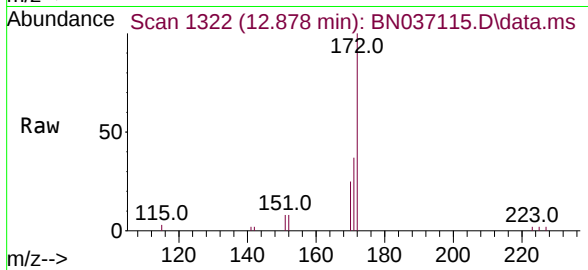
Tgt Ion:330 Resp: 416
Ion Ratio Lower Upper
330 100
332 94.5 73.8 110.8
141 56.3 43.9 65.9





#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 12.878 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59

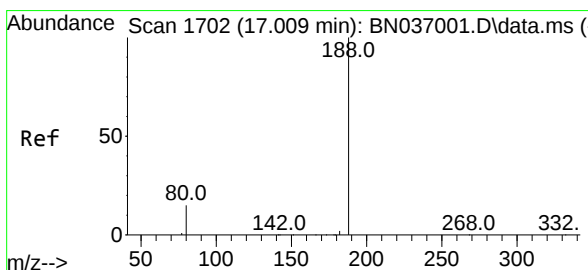
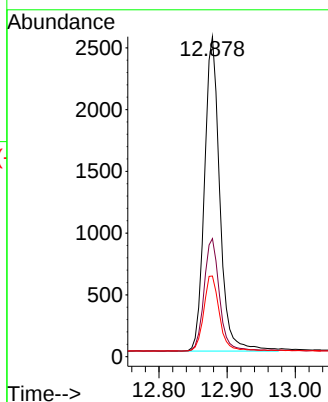
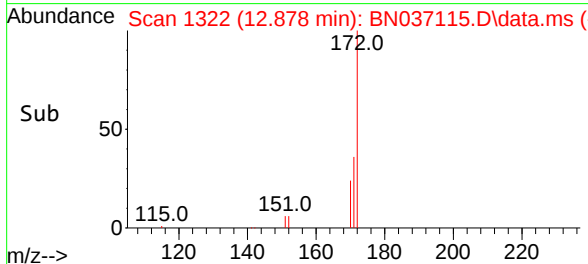
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-300-302



Tgt Ion:172 Resp: 3978
Ion Ratio Lower Upper
172 100
171 36.9 29.2 43.8
170 25.2 20.5 30.7

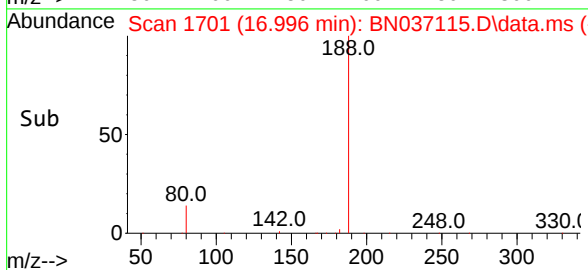
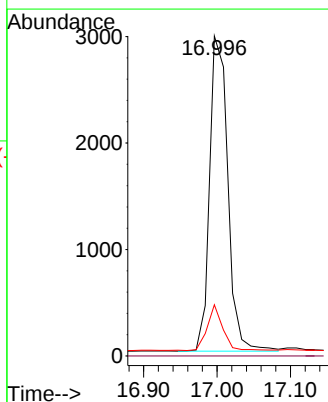
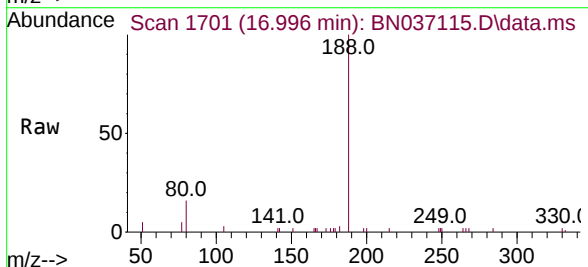
Manual Integrations
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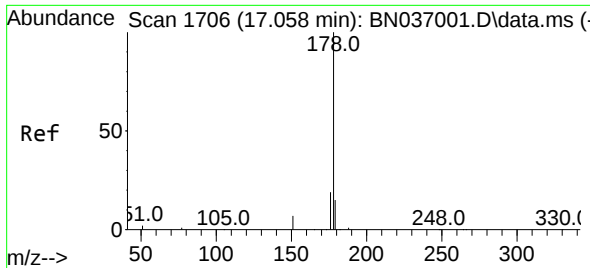
Reviewed By :Rahul Chavli 05/29/2025
Supervised By :Jagrut Upadhyay 05/29/2025



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.996 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59

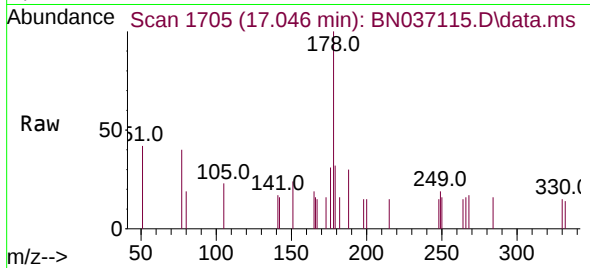
Tgt Ion:188 Resp: 5103
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.0 13.4 20.0





#25
Phenanthrene
Concen: 0.024 ng m
RT: 17.046 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59

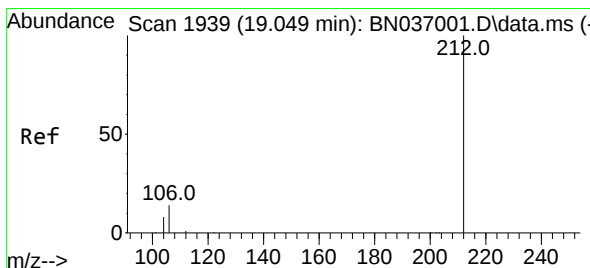
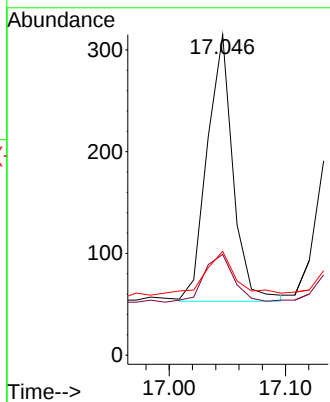
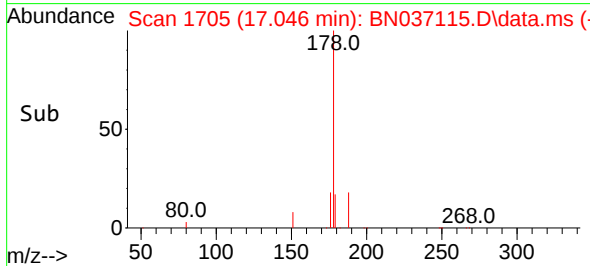
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-300-302



Tgt Ion:178 Resp: 4000
Ion Ratio Lower Upper
178 100
176 11.1 15.7 23.5
179 8.6 12.2 18.2

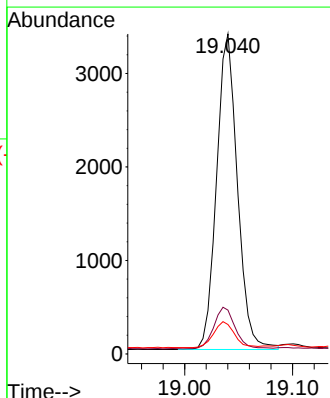
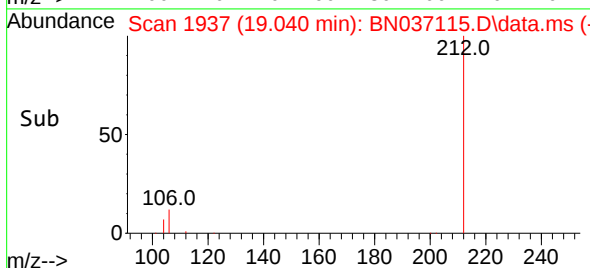
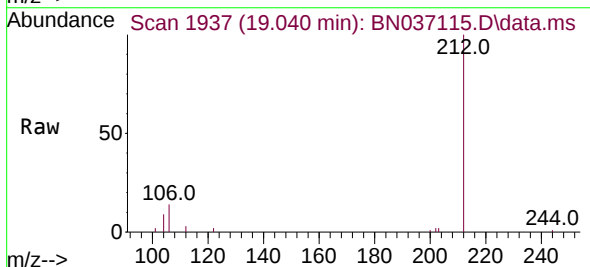
Manual Integrations
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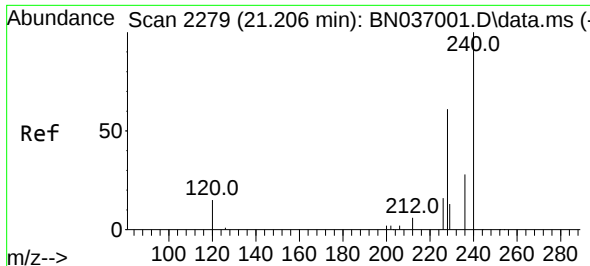
Reviewed By :Rahul Chavli 05/29/2025
Supervised By :Jagrut Upadhyay 05/29/2025



#27
Fluoranthene-d10
Concen: 0.324 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59

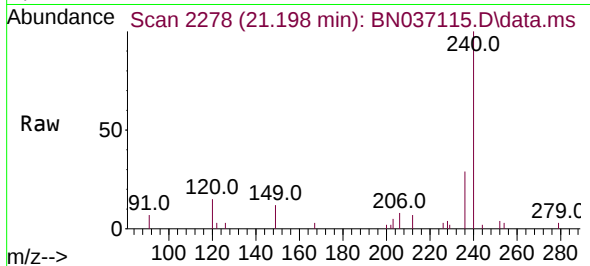
Tgt Ion:212 Resp: 4536
Ion Ratio Lower Upper
212 100
106 13.5 11.3 16.9
104 8.2 6.7 10.1





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.198 min Scan# 211
Delta R.T. -0.009 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59

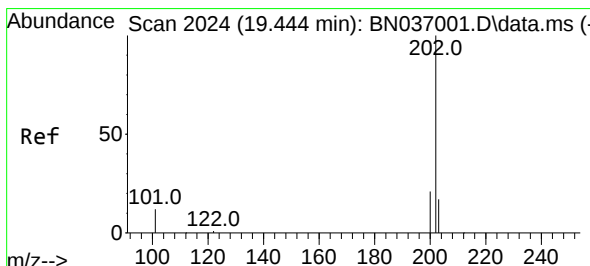
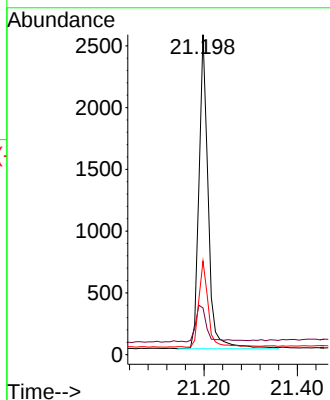
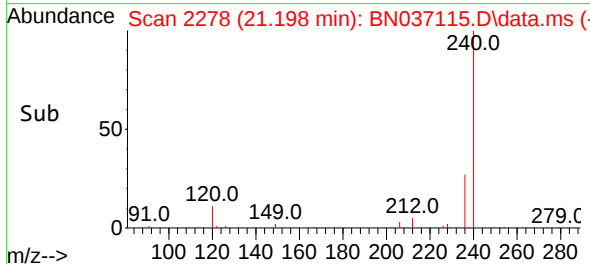
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-300-302



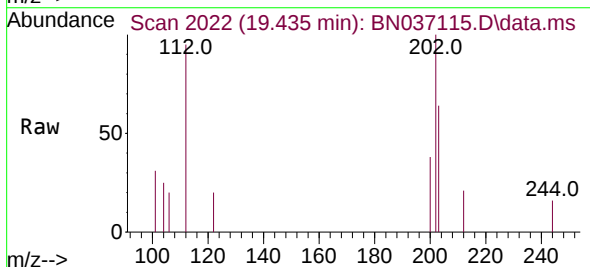
Tgt Ion:240 Resp: 351
Ion Ratio Lower Upper
240 100
120 14.6 15.1 22.7
236 29.2 24.0 36.0

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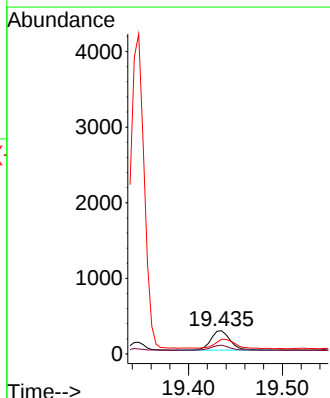
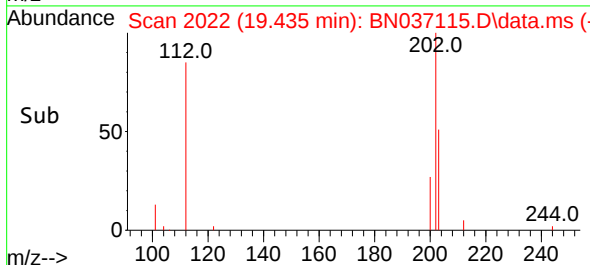
Reviewed By :Rahul Chavli 05/29/2025
Supervised By :Jagrut Upadhyay 05/29/2025

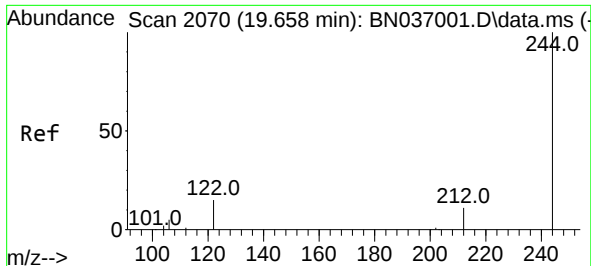


#30
Pyrene
Concen: 0.025 ng
RT: 19.435 min Scan# 2022
Delta R.T. -0.009 min
Lab File: BN037115.D
Acq: 28 May 2025 18:59



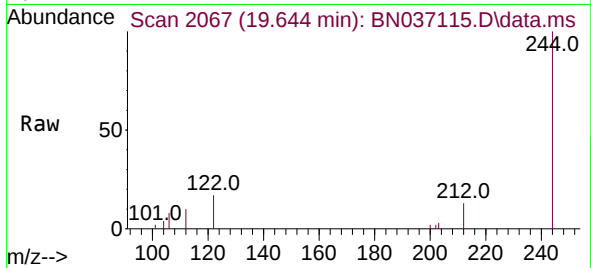
Tgt Ion:202 Resp: 371
Ion Ratio Lower Upper
202 100
200 24.8 17.1 25.7
203 53.9 14.2 21.4





#31
 Terphenyl-d14
 Concen: 0.530 ng
 RT: 19.644 min Scan# 2070
 Delta R.T. -0.014 min
 Lab File: BN037115.D
 Acq: 28 May 2025 18:59

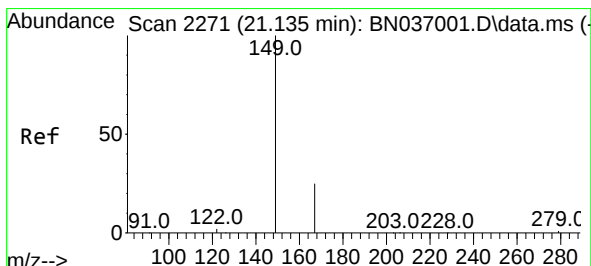
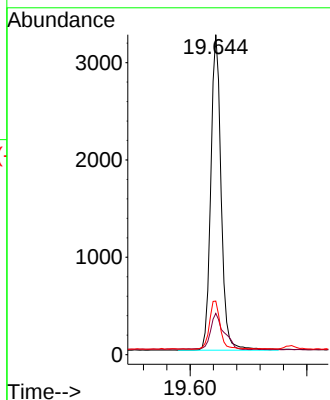
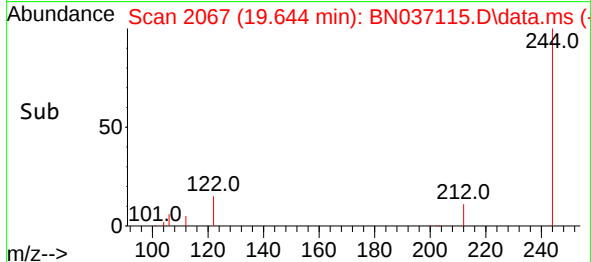
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-300-302



Tgt Ion:244 Resp: 3979
 Ion Ratio Lower Upper
 244 100
 212 12.9 9.7 14.5
 122 16.7 13.4 20.0

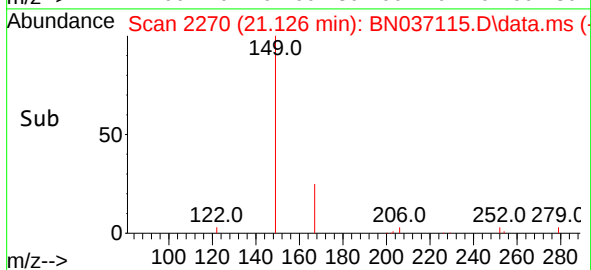
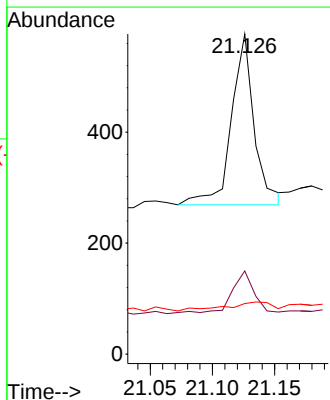
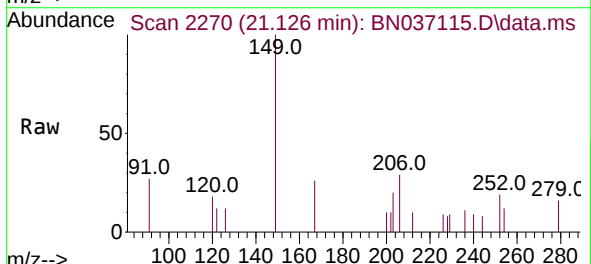
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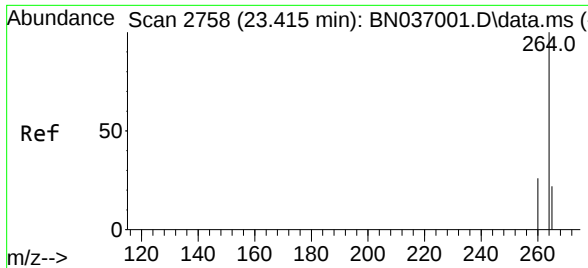
Reviewed By :Rahul Chavli 05/29/2025
 Supervised By :Jagrut Upadhyay 05/29/2025



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.048 ng
 RT: 21.126 min Scan# 2270
 Delta R.T. -0.009 min
 Lab File: BN037115.D
 Acq: 28 May 2025 18:59

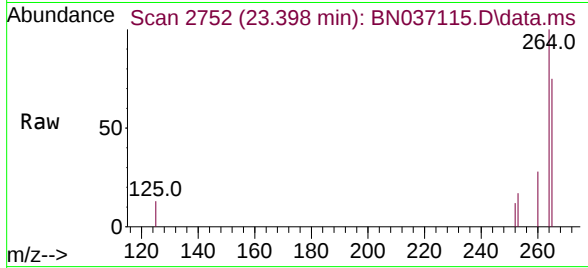
Tgt Ion:149 Resp: 393
 Ion Ratio Lower Upper
 149 100
 167 22.1 20.6 30.8
 279 10.4 2.6 3.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.398 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BN037115.D
 Acq: 28 May 2025 18:59

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-300-302



Tgt Ion:264 Resp: 298
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.9 32.9
 265 75.3 51.6 77.4

Manual Integrations
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Reviewed By :Rahul Chavli 05/29/2025
 Supervised By :Jagrut Upadhyay 05/29/2025

