

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038393.D
 Acq On : 13 Dec 2025 18:54
 Operator : RC/JU
 Sample : Q3839-25
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AT7

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/15/2025
 Supervised By :Jagrut Upadhyay 12/15/2025

Quant Time: Dec 14 22:25:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 10 13:56:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5519	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	16070	0.400	ng	-0.01
13) Acenaphthene-d10	14.387	164	8671	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	16307	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	13803	0.400	ng	0.00
35) Perylene-d12	23.621	264	14869	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	675605	49.153	ng	0.00
5) Phenol-d6	6.879	99	502560	30.757	ng	0.00
8) Nitrobenzene-d5	8.864	82	986035	72.744	ng	-0.01
11) 2-Methylnaphthalene-d10	12.101	152	21	0.001	ng	-0.03
14) 2,4,6-Tribromophenol	15.882	330	754038	196.012	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	2867235	68.638	ng	0.00
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	19.782	244	1905922	61.873	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	448	0.071	ng	# 25
9) Naphthalene	10.562	128	6207	0.131	ng	97
25) Phenanthrene	17.186	178	1795	0.032	ng	94
34) Bis(2-ethylhexyl)phtha...	21.259	149	3311	0.113	ng	# 97

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

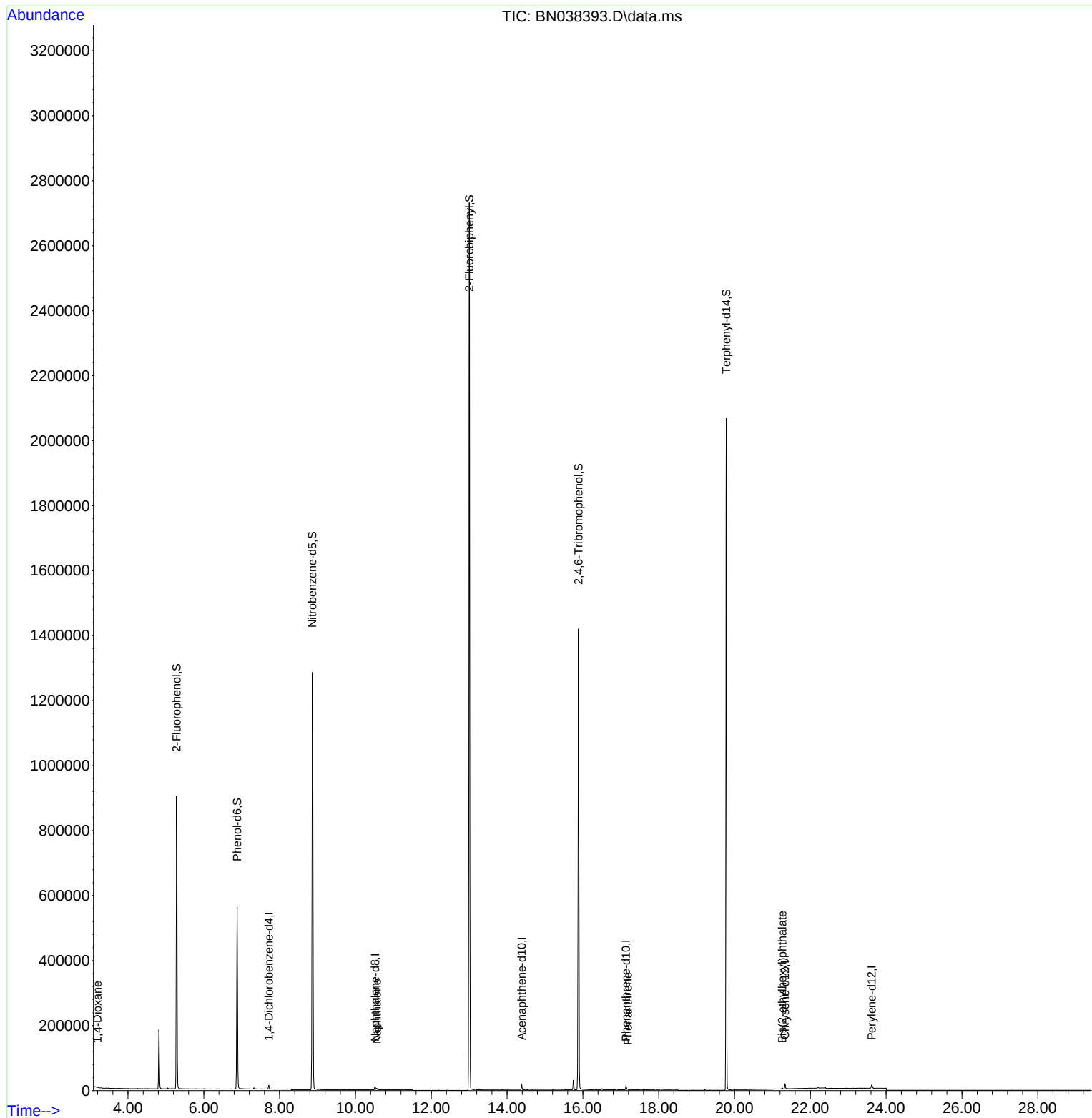
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038393.D
Acq On : 13 Dec 2025 18:54
Operator : RC/JU
Sample : Q3839-25
Misc :
ALS Vial : 51 Sample Multiplier: 1

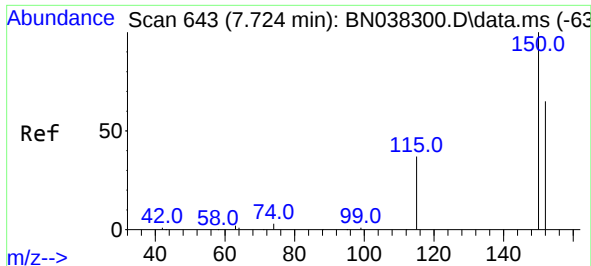
Instrument :
BNA_N
ClientSampleId :
C0AT7

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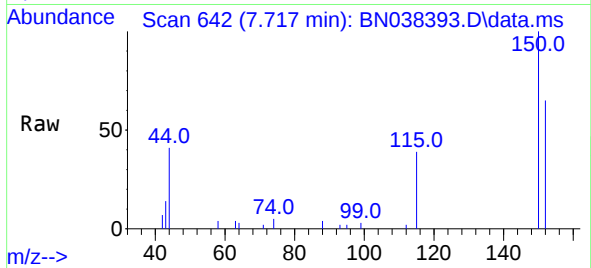
Quant Time: Dec 14 22:25:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

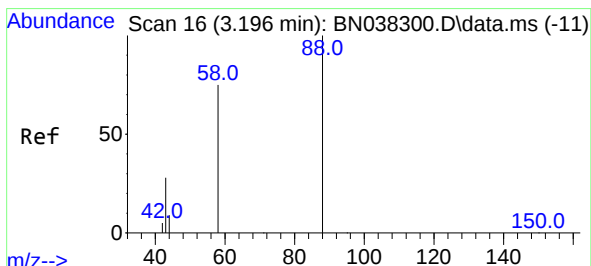
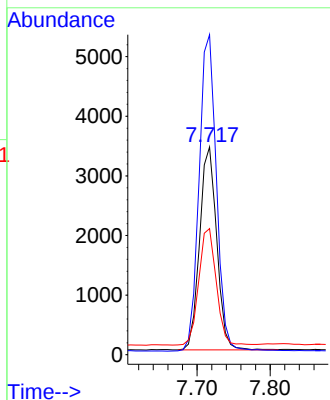
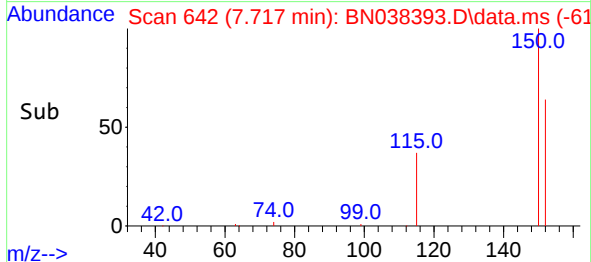
Instrument :
BNA_N
ClientSampleId :
C0AT7



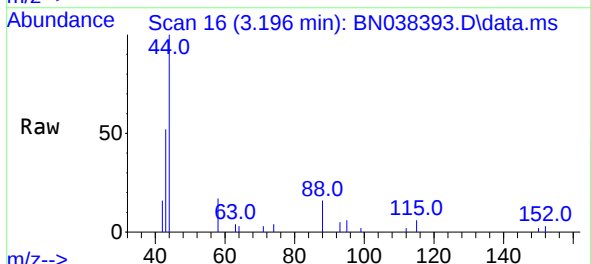
Tgt Ion:152 Resp: 5519
Ion Ratio Lower Upper
152 100
150 154.1 122.4 183.6
115 60.7 47.3 70.9

Manual Integrations
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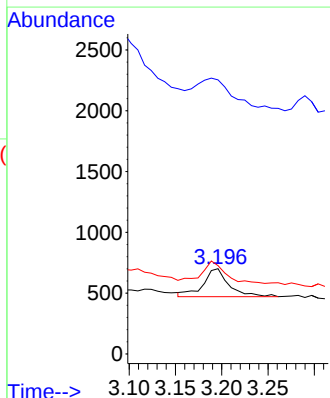
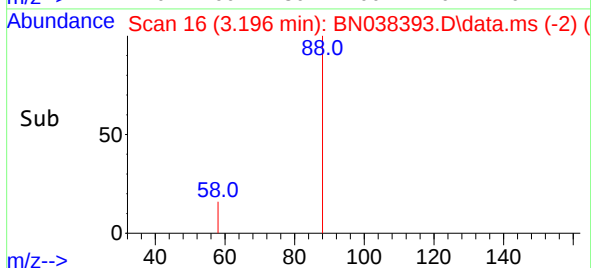
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

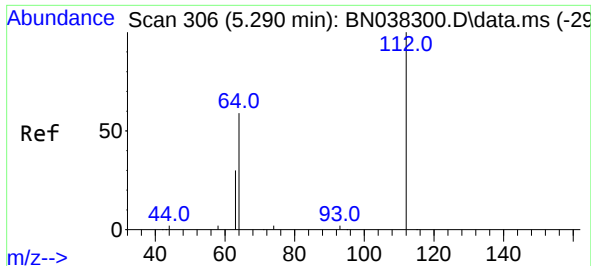


#2
1,4-Dioxane
Concen: 0.071 ng
RT: 3.196 min Scan# 16
Delta R.T. -0.000 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54



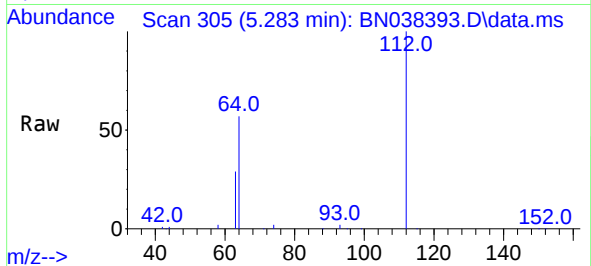
Tgt Ion: 88 Resp: 448
Ion Ratio Lower Upper
88 100
43 149.8 24.9 37.3#
58 60.9 61.4 92.0#





#4
2-Fluorophenol
Concen: 49.153 ng
RT: 5.283 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

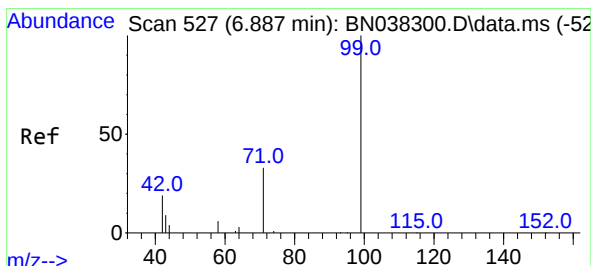
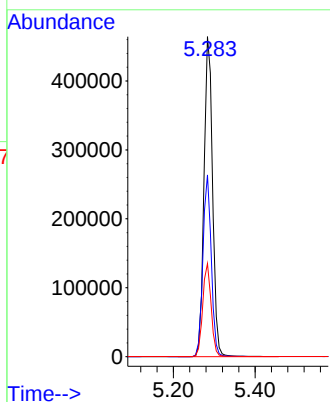
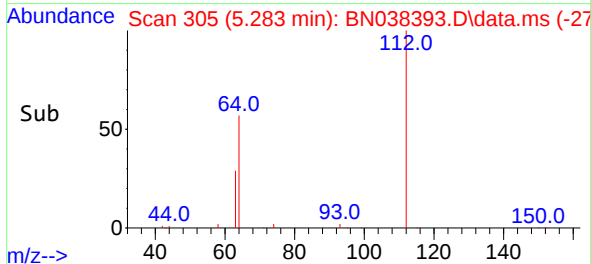
Instrument :
BNA_N
ClientSampleId :
C0AT7



Tgt Ion: 112 Resp: 67560
Ion Ratio Lower Upper
112 100
64 55.6 44.4 66.6
63 28.7 23.4 35.0

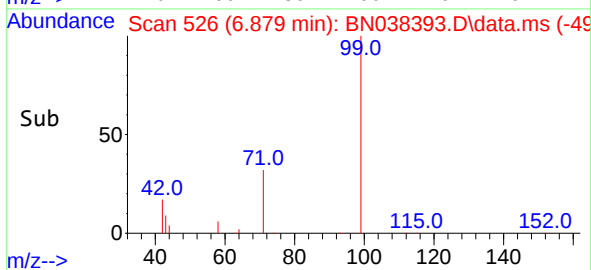
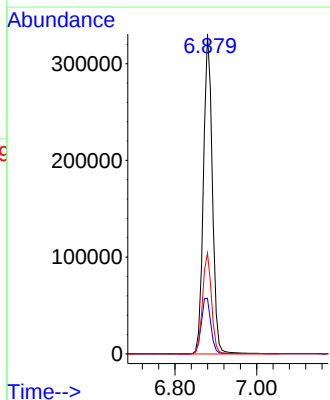
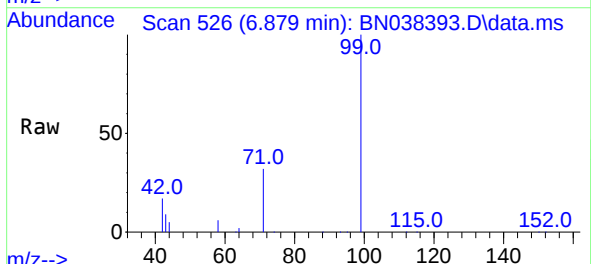
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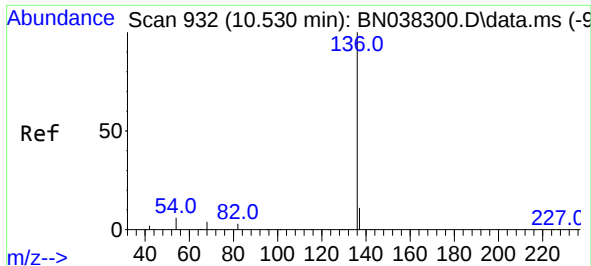
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#5
Phenol-d6
Concen: 30.757 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

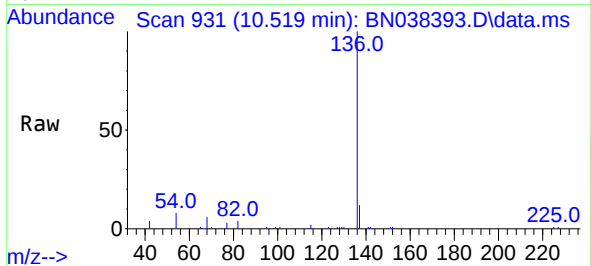
Tgt Ion: 99 Resp: 502560
Ion Ratio Lower Upper
99 100
42 18.6 16.5 24.7
71 31.5 24.9 37.3





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

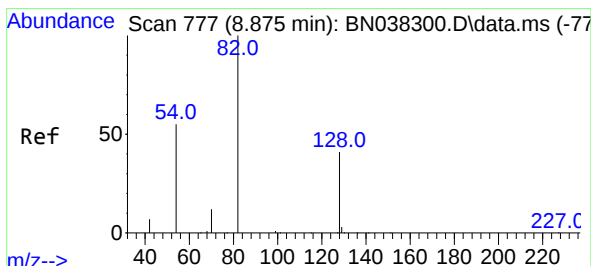
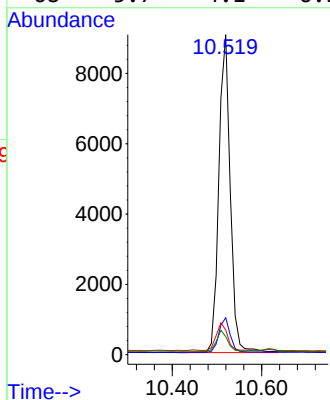
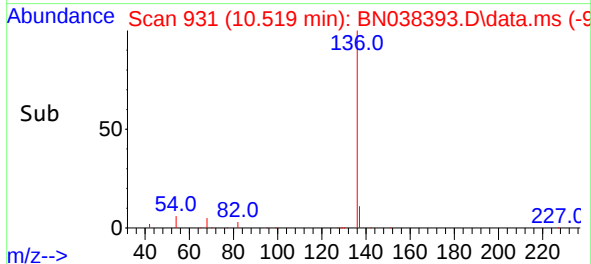
Instrument :
BNA_N
ClientSampleId :
C0AT7



Tgt Ion:136 Resp: 16070
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 7.7 5.2 7.8
68 5.7 4.1 6.1

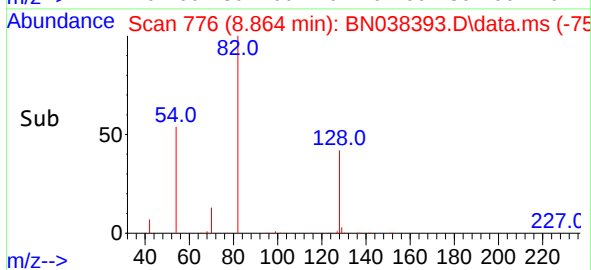
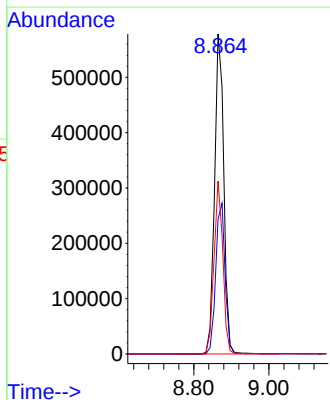
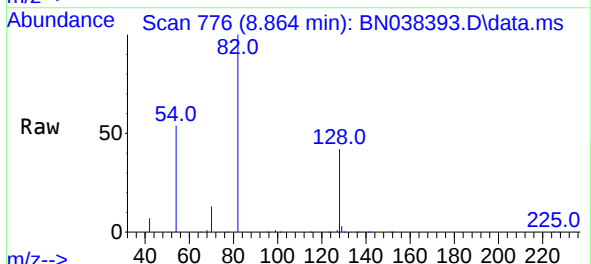
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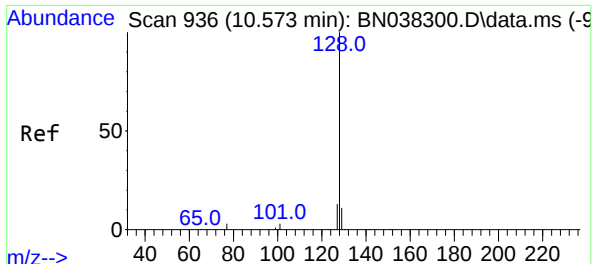
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#8
Nitrobenzene-d5
Concen: 72.744 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

Tgt Ion: 82 Resp: 986035
Ion Ratio Lower Upper
82 100
128 42.1 34.0 51.0
54 54.0 44.4 66.6





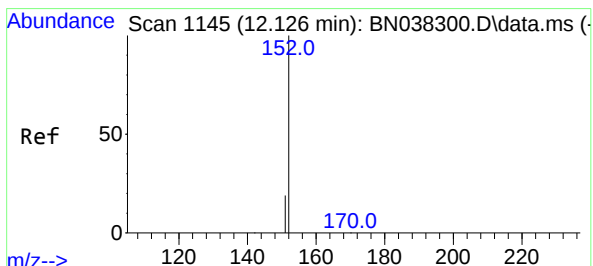
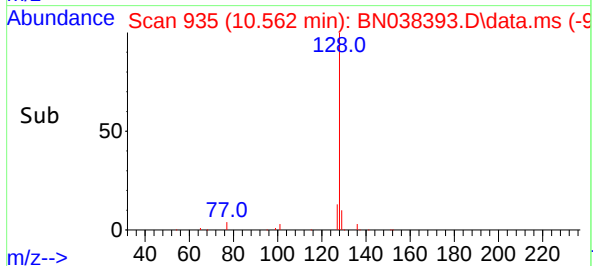
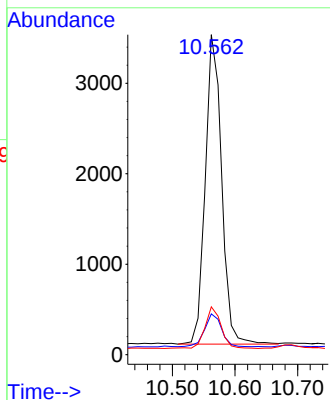
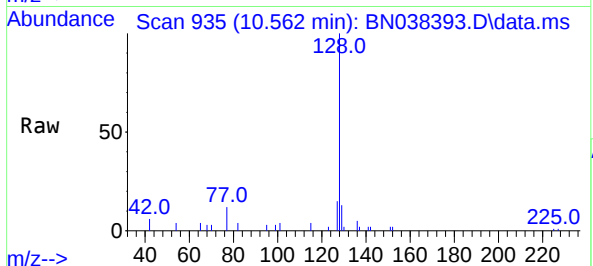
#9
Naphthalene
Concen: 0.131 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

Instrument :
BNA_N
ClientSampleId :
C0AT7

Tgt Ion:128 Resp: 620
Ion Ratio Lower Upper
128 100
129 12.8 9.1 13.7
127 15.0 10.9 16.3

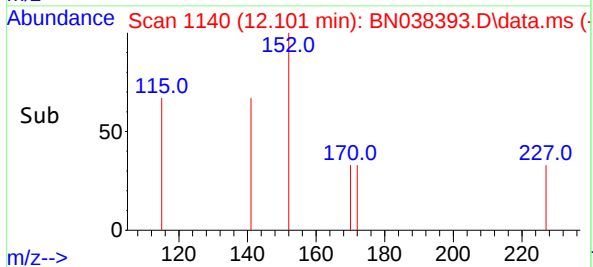
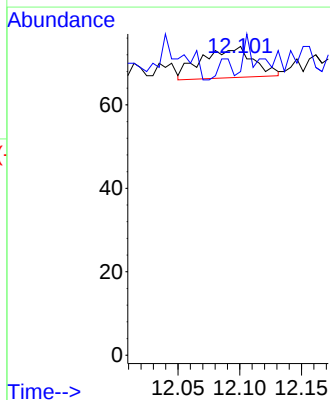
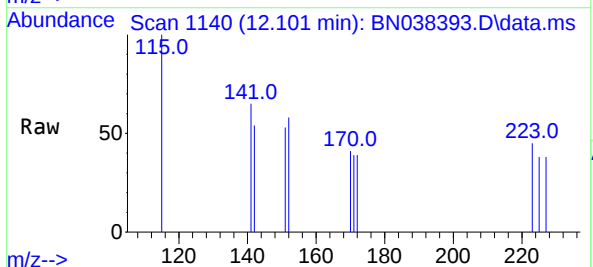
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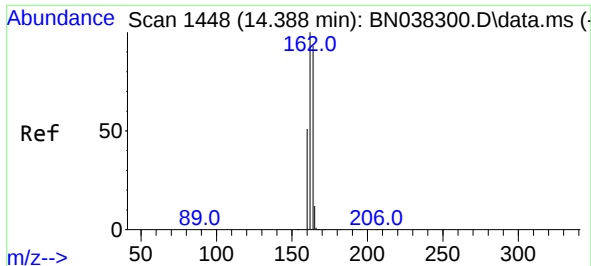
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 12.101 min Scan# 1140
Delta R.T. -0.025 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

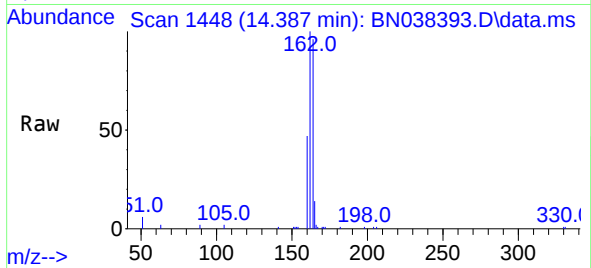
Tgt Ion:152 Resp: 21
Ion Ratio Lower Upper
152 100
151 28.6 17.0 25.6#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

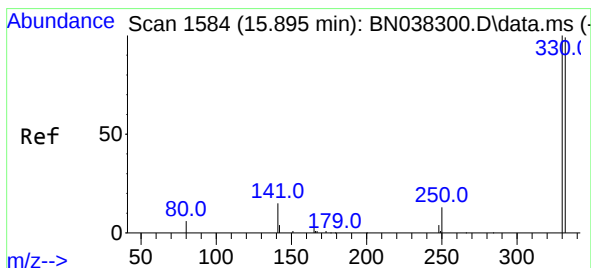
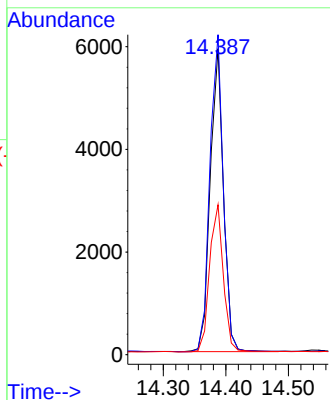
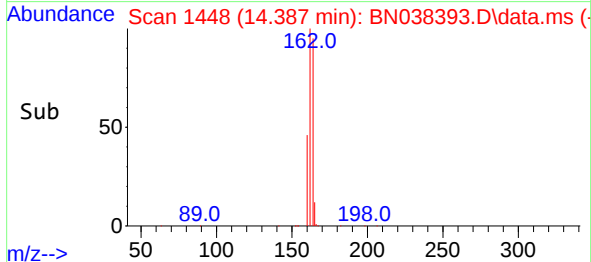
Instrument :
BNA_N
ClientSampleId :
C0AT7



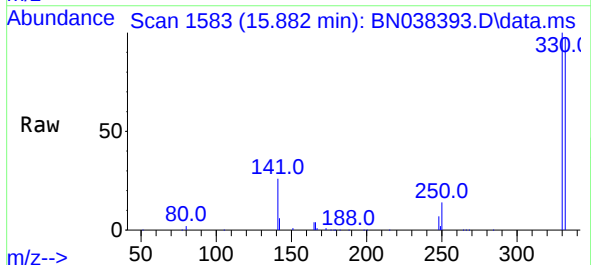
Tgt Ion:164 Resp: 867
Ion Ratio Lower Upper
164 100
162 104.6 86.2 129.4
160 49.0 44.6 67.0

Manual Integrations
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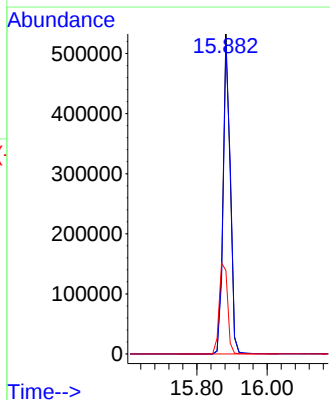
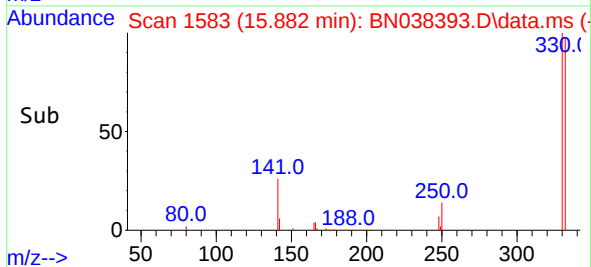
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

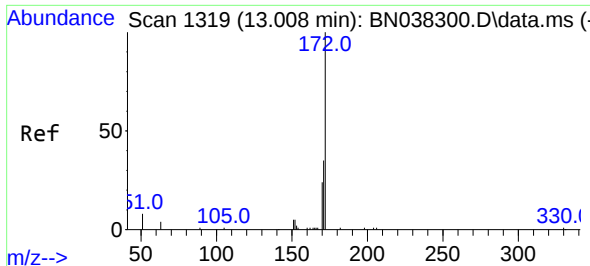


#14
2,4,6-Tribromophenol
Concen: 196.012 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54



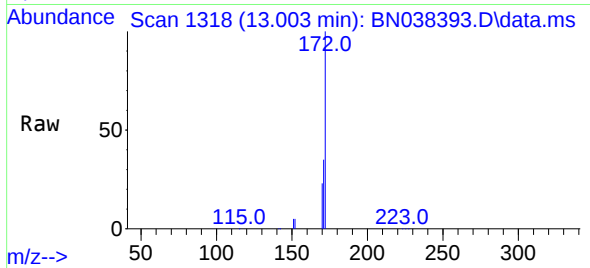
Tgt Ion:330 Resp: 754038
Ion Ratio Lower Upper
330 100
332 98.5 75.8 113.6
141 33.4 31.8 47.8





#15
2-Fluorobiphenyl
Concen: 68.638 ng
RT: 13.003 min Scan# 1319
Delta R.T. -0.005 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

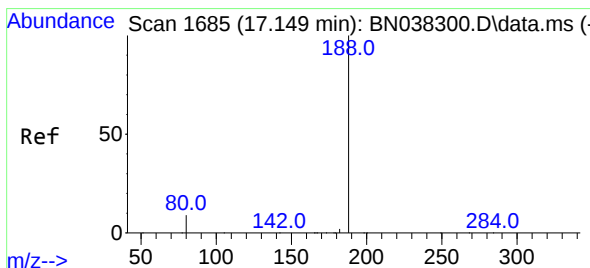
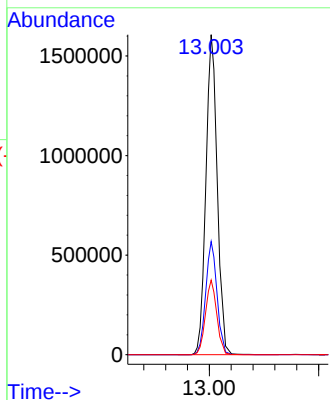
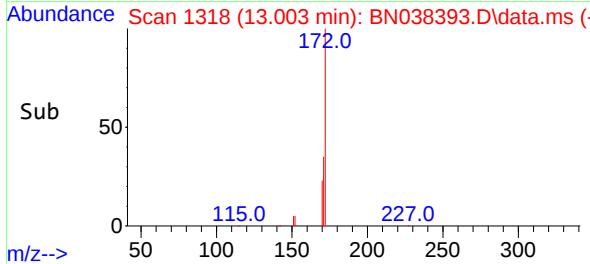
Instrument :
BNA_N
ClientSampleId :
C0AT7



Tgt Ion:172 Resp: 2867235
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.3 19.3 28.9

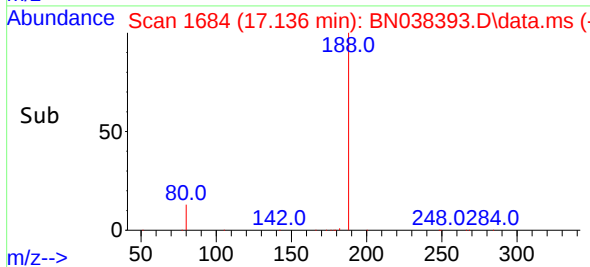
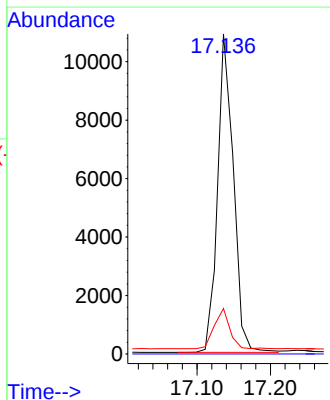
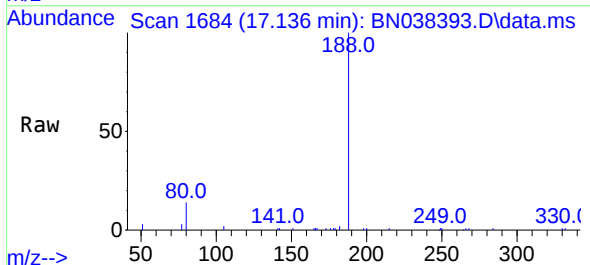
Manual Integrations
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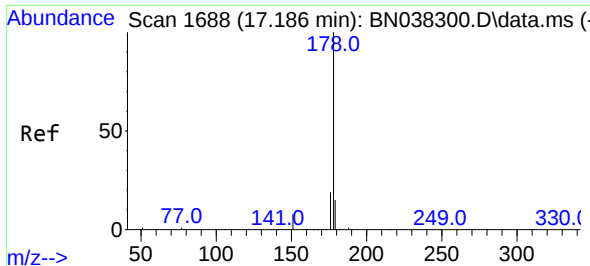
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

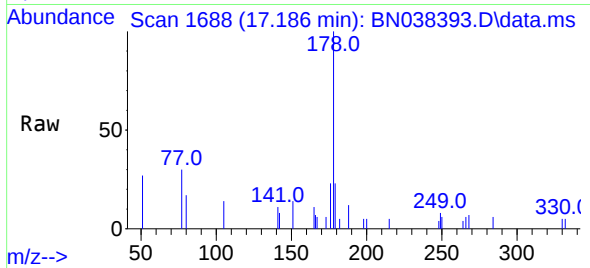
Tgt Ion:188 Resp: 16307
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.2 7.4 11.0#





#25
Phenanthrene
Concen: 0.032 ng
RT: 17.186 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

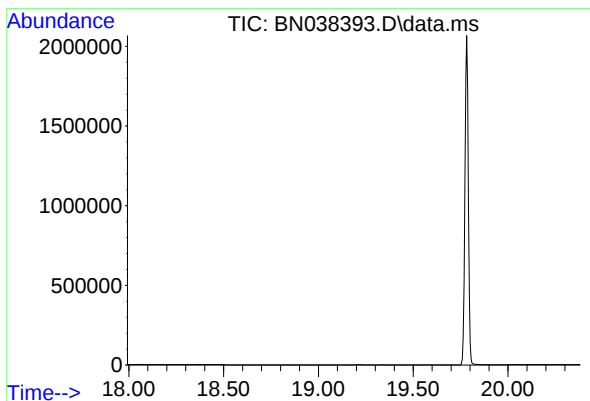
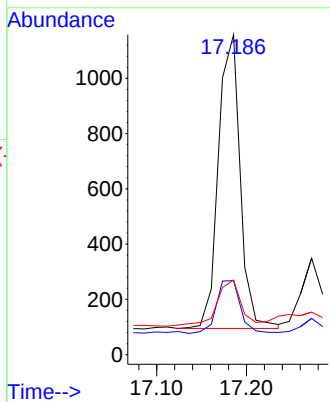
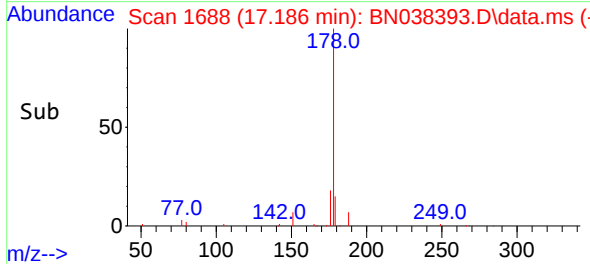
Instrument :
BNA_N
ClientSampleId :
C0AT7



Tgt Ion:178 Resp: 179
Ion Ratio Lower Upper
178 100
176 22.3 15.5 23.3
179 17.3 12.2 18.2

Manual Integrations
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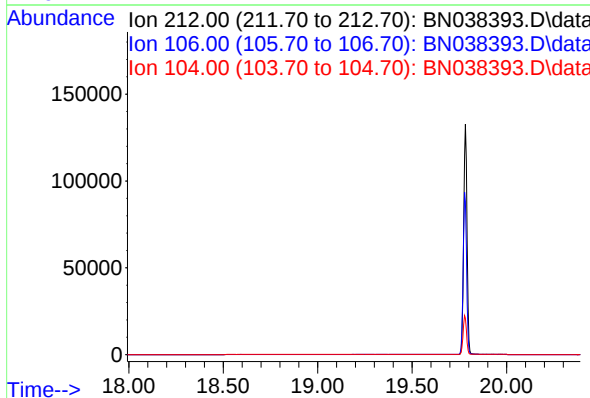
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

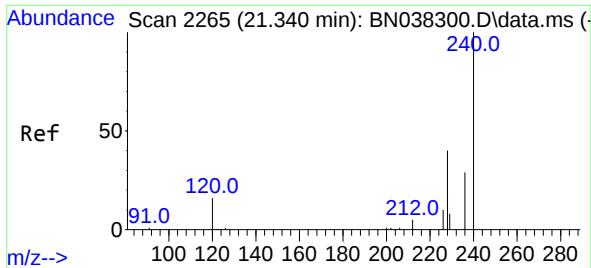


#27
Fluoranthene-d10
Concen: 0.000 ng
Expected RT: 19.19 min

Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

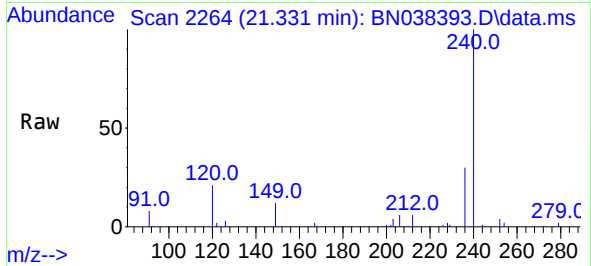
Tgt Ion: 212
Sig Exp Ratio
212 100
106 17.1
104 9.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

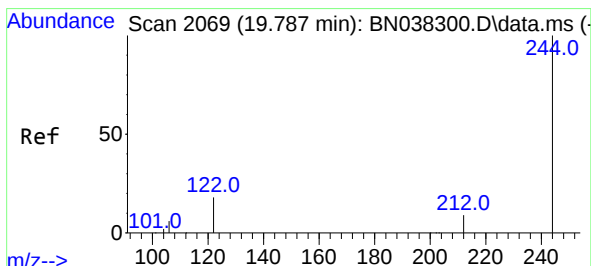
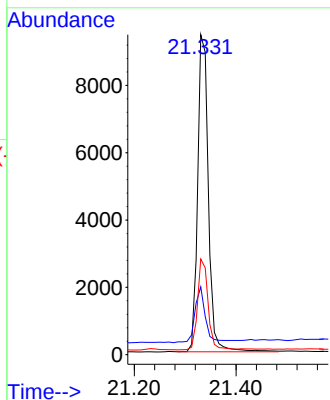
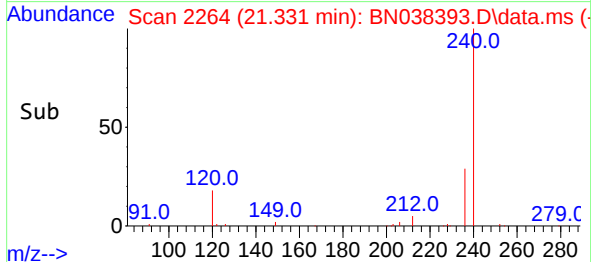
Instrument :
BNA_N
ClientSampleId :
C0AT7



Tgt Ion:240 Resp: 1380
Ion Ratio Lower Upper
240 100
120 21.2 15.4 23.2
236 29.9 23.9 35.9

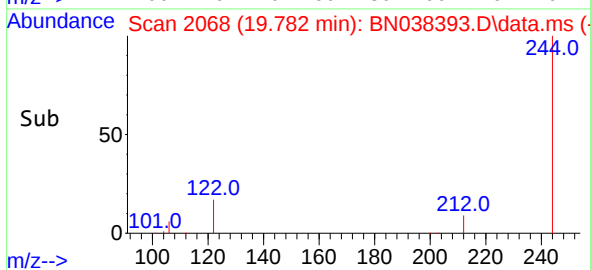
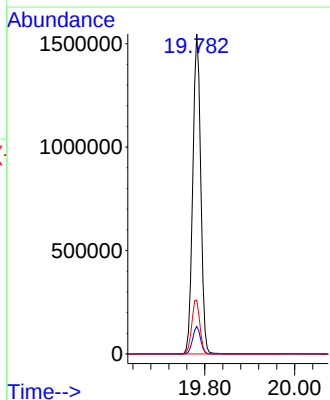
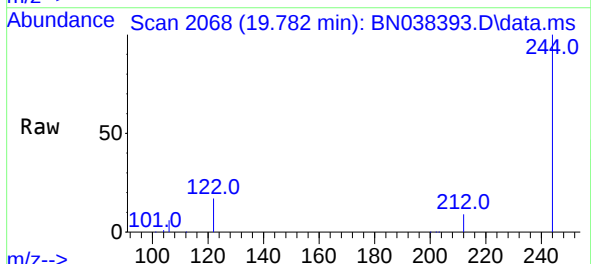
Manual Integrations
APPROVED

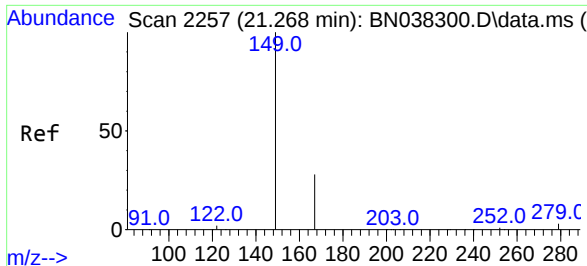
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#31
Terphenyl-d14
Concen: 61.873 ng
RT: 19.782 min Scan# 2068
Delta R.T. -0.009 min
Lab File: BN038393.D
Acq: 13 Dec 2025 18:54

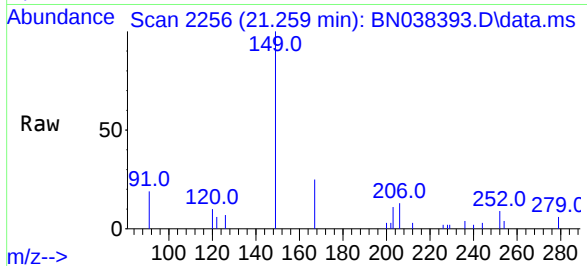
Tgt Ion:244 Resp: 1905922
Ion Ratio Lower Upper
244 100
212 8.6 7.9 11.9
122 16.8 15.0 22.6





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.113 ng
 RT: 21.259 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN038393.D
 Acq: 13 Dec 2025 18:54

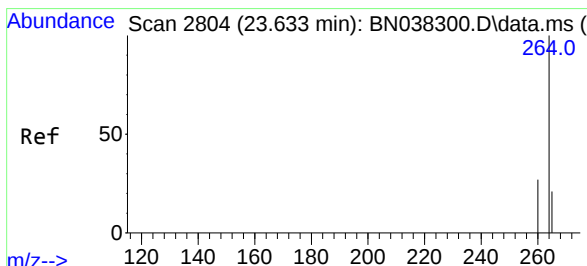
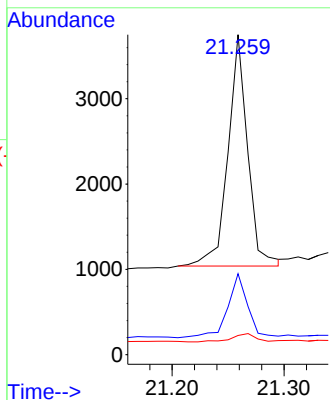
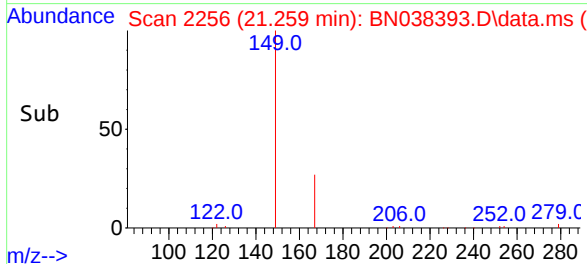
Instrument :
 BNA_N
 ClientSampleId :
 C0AT7



Tgt Ion:149 Resp: 331
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.4 32.0
 279 4.6 2.4 3.6

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/15/2025
 Supervised By :Jagrut Upadhyay 12/15/2025



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.621 min Scan# 2800
 Delta R.T. -0.012 min
 Lab File: BN038393.D
 Acq: 13 Dec 2025 18:54

Tgt Ion:264 Resp: 14869
 Ion Ratio Lower Upper
 264 100
 260 26.5 22.2 33.2
 265 81.1 80.2 120.2

