

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038392.D
 Acq On : 13 Dec 2025 18:17
 Operator : RC/JU
 Sample : Q3839-24
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AT6

Manual Integrations
 APPROVED

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

Quant Time: Dec 14 22:25:30 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	5903	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	17005	0.400	ng	-0.01
13) Acenaphthene-d10	14.387	164	9196	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	16707	0.400	ng	#-0.01
29) Chrysene-d12	21.331	240	14176	0.400	ng	0.00
35) Perylene-d12	23.622	264	15257	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	774962	52.714	ng	0.00
5) Phenol-d6	6.879	99	599860	34.323	ng	0.00
8) Nitrobenzene-d5	8.864	82	1006906	70.199	ng	-0.01
11) 2-Methylnaphthalene-d10	12.085	152	31	0.001	ng	-0.04
14) 2,4,6-Tribromophenol	15.882	330	776042	190.215	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	2852038	64.377	ng	0.00
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	19.782	244	2200631	69.560	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.189	88	887	0.131	ng	# 65
9) Naphthalene	10.562	128	2930	0.058	ng	# 91
17) Acenaphthene	14.452	154	901	0.029	ng	93
18) Fluorene	15.435	166	930	0.023	ng	# 95
25) Phenanthrene	17.186	178	3430	0.059	ng	94
34) Bis(2-ethylhexyl)phtha...	21.259	149	13892	0.462	ng	# 98

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

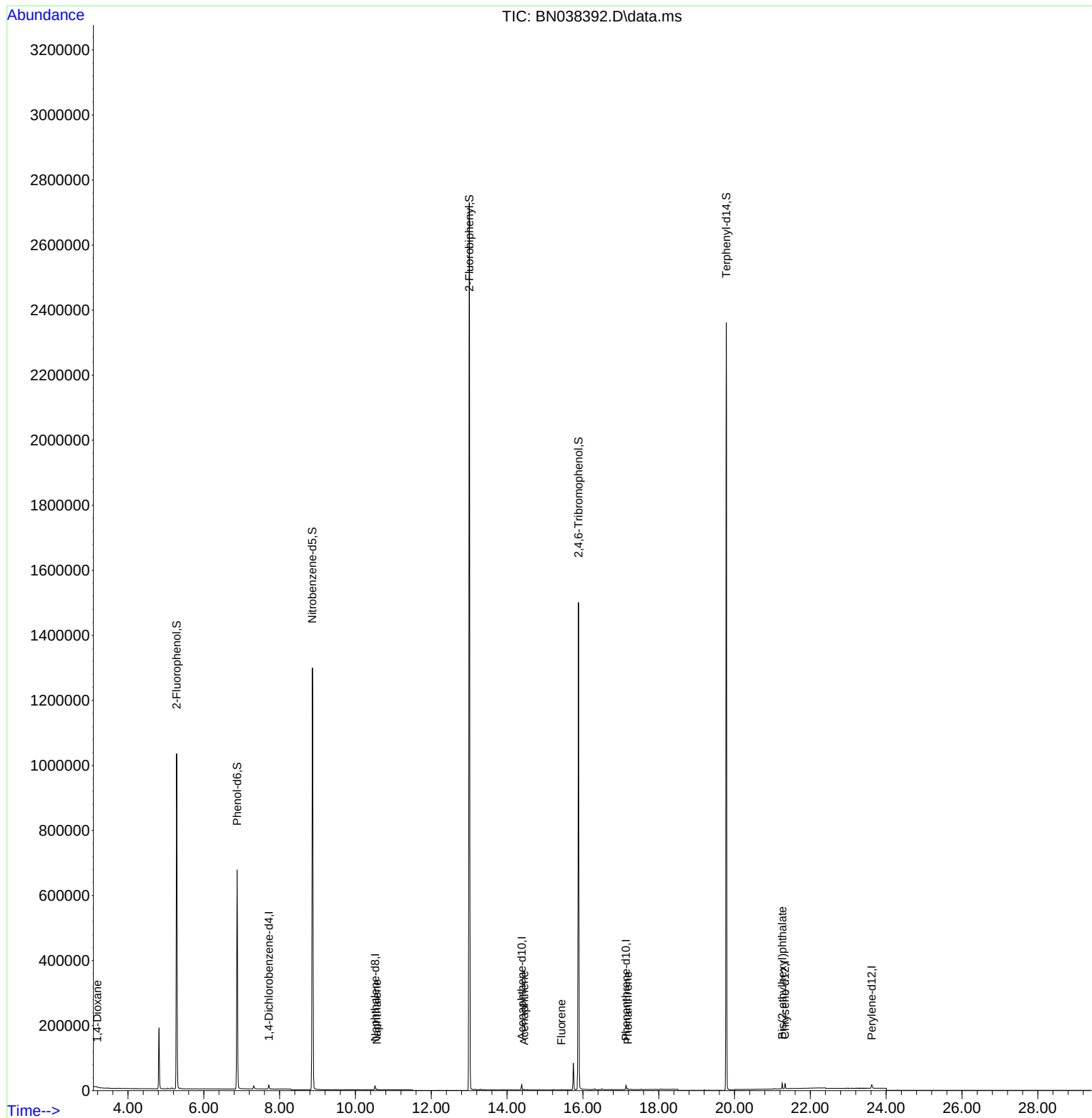
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038392.D
Acq On : 13 Dec 2025 18:17
Operator : RC/JU
Sample : Q3839-24
Misc :
ALS Vial : 50 Sample Multiplier: 1

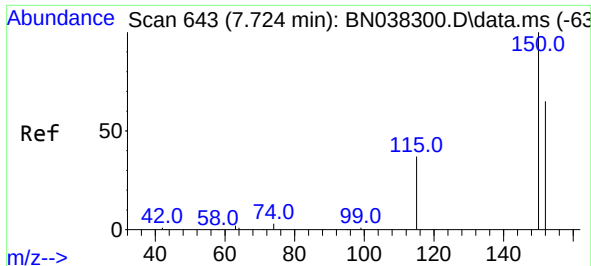
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C0AT6

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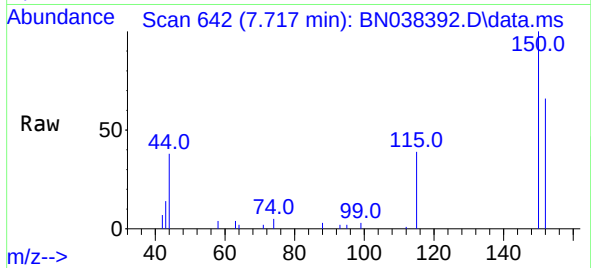
Quant Time: Dec 14 22:25:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038392.D
Acq: 13 Dec 2025 18:17

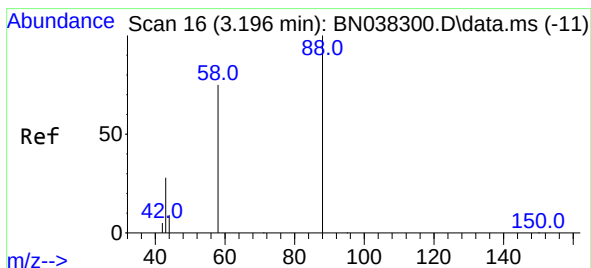
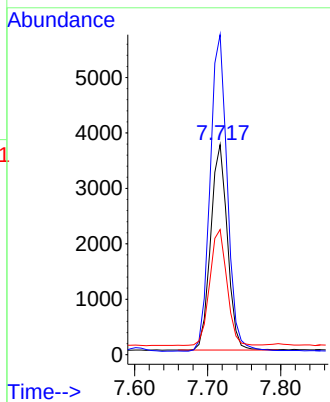
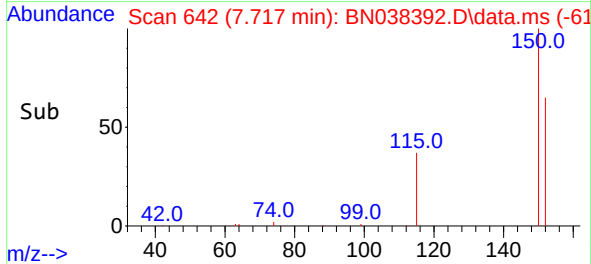
Instrument :
BNA_N
ClientSampleId :
C0AT6



Tgt Ion:152 Resp: 590
Ion Ratio Lower Upper
152 100
150 152.3 122.4 183.6
115 59.6 47.3 70.9

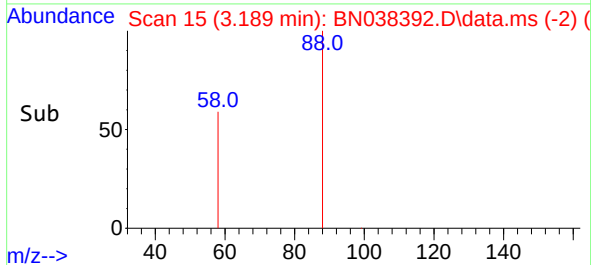
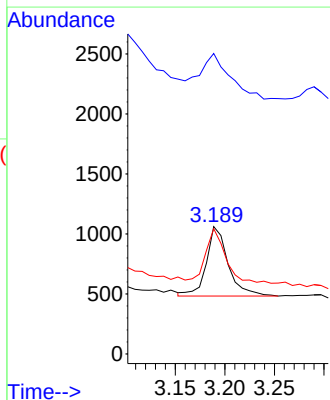
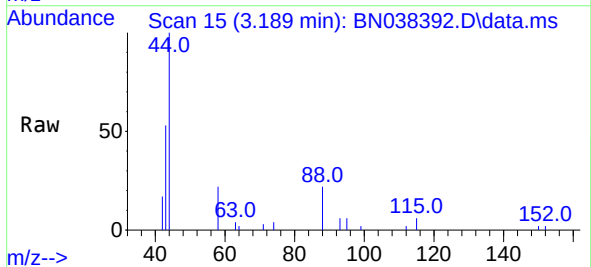
Manual Integrations
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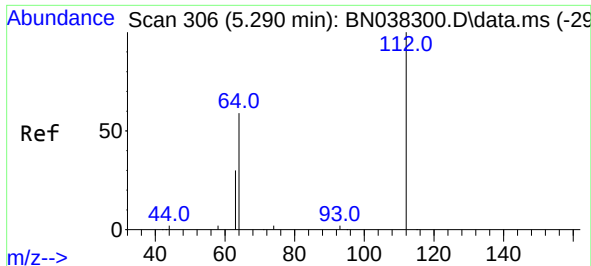
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#2
1,4-Dioxane
Concen: 0.131 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN038392.D
Acq: 13 Dec 2025 18:17

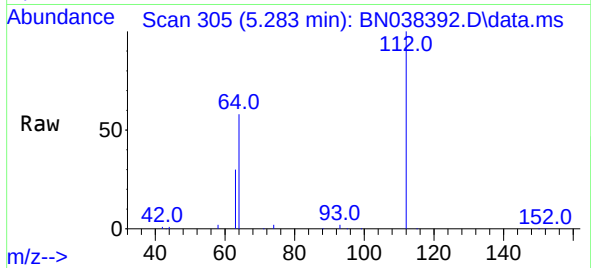
Tgt Ion: 88 Resp: 887
Ion Ratio Lower Upper
88 100
43 89.2 24.9 37.3#
58 71.4 61.4 92.0





#4
2-Fluorophenol
Concen: 52.714 ng
RT: 5.283 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN038392.D
Acq: 13 Dec 2025 18:17

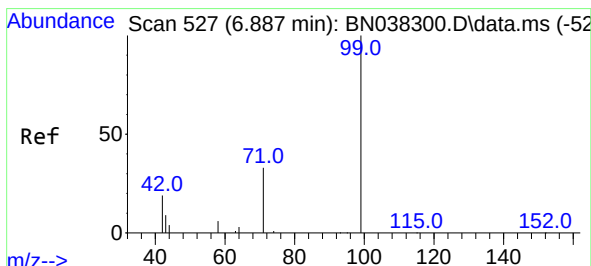
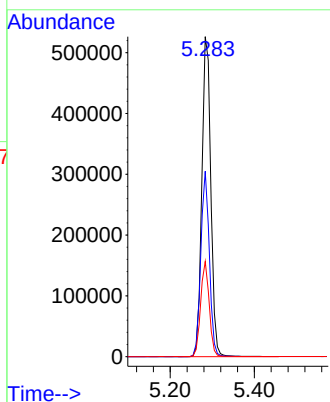
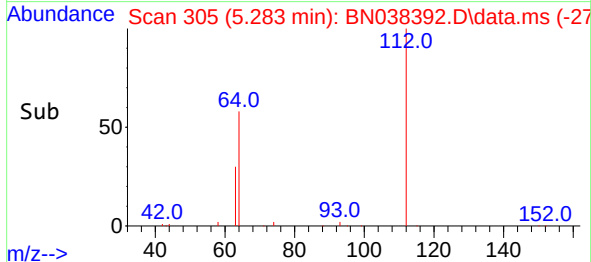
Instrument :
BNA_N
ClientSampleId :
C0AT6



Tgt Ion:112 Resp: 774962
Ion Ratio Lower Upper
112 100
64 55.6 44.4 66.6
63 28.7 23.4 35.0

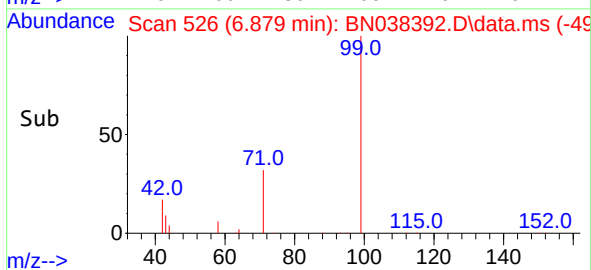
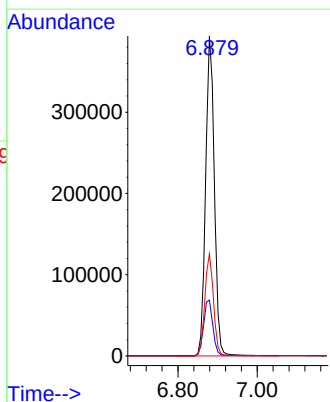
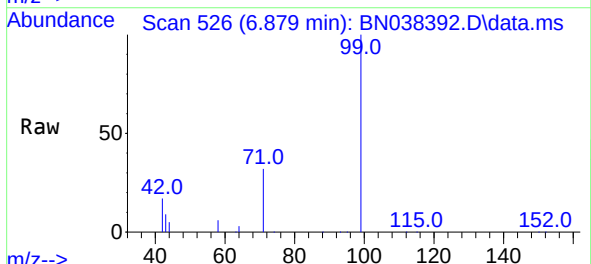
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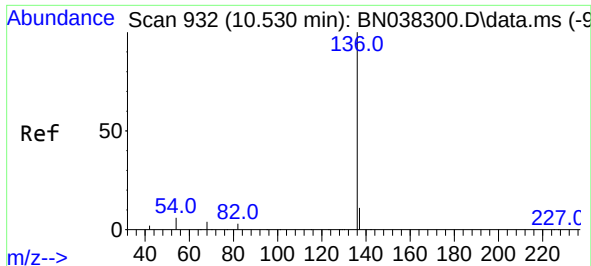
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#5
Phenol-d6
Concen: 34.323 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.007 min
Lab File: BN038392.D
Acq: 13 Dec 2025 18:17

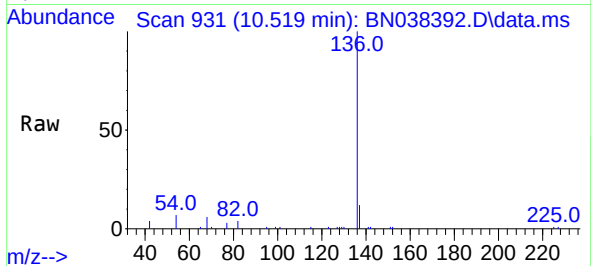
Tgt Ion: 99 Resp: 599860
Ion Ratio Lower Upper
99 100
42 18.3 16.5 24.7
71 31.6 24.9 37.3





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN038392.D
Acq: 13 Dec 2025 18:17

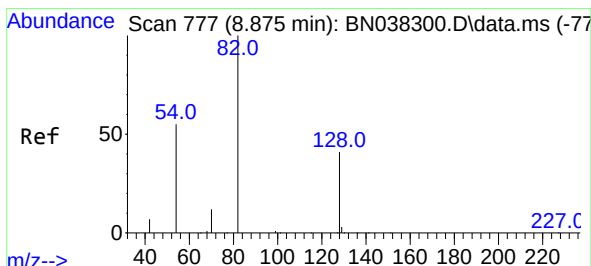
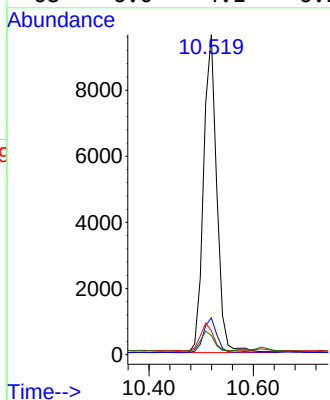
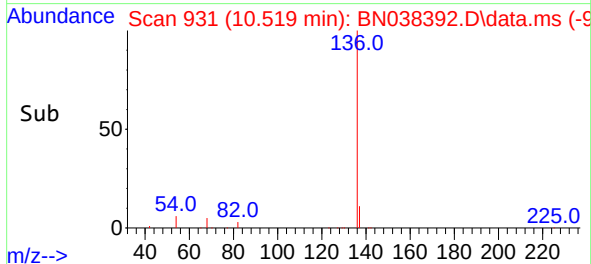
Instrument :
BNA_N
ClientSampleId :
C0AT6



Tgt Ion:136 Resp: 1700
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 7.5 5.2 7.8
68 6.0 4.1 6.1

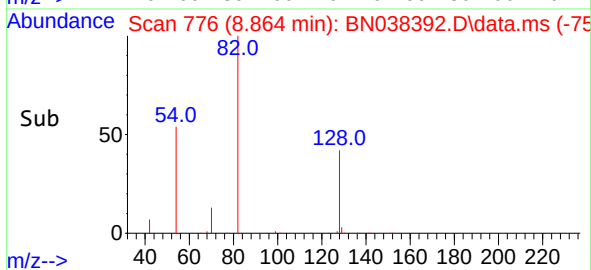
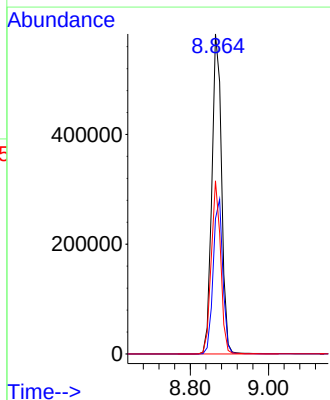
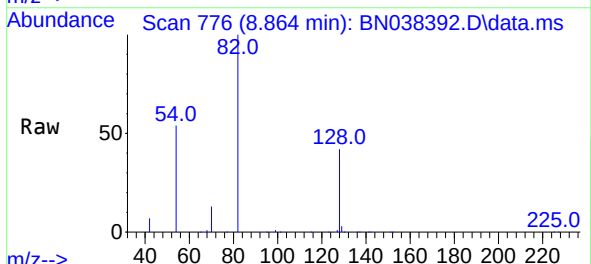
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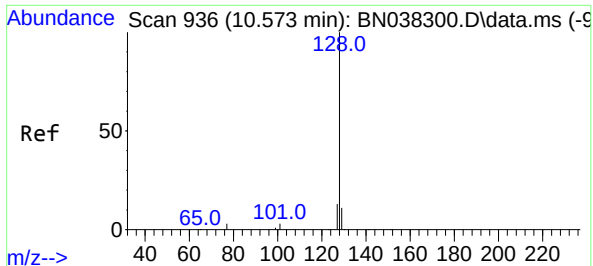
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#8
Nitrobenzene-d5
Concen: 70.199 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN038392.D
Acq: 13 Dec 2025 18:17

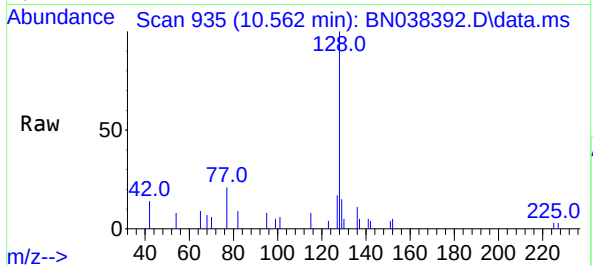
Tgt Ion: 82 Resp: 1006906
Ion Ratio Lower Upper
82 100
128 42.3 34.0 51.0
54 54.1 44.4 66.6





#9
Naphthalene
Concen: 0.058 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN038392.D
Acq: 13 Dec 2025 18:17

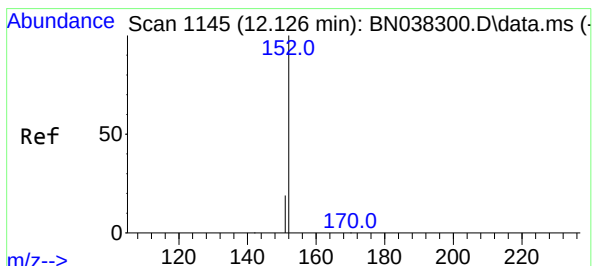
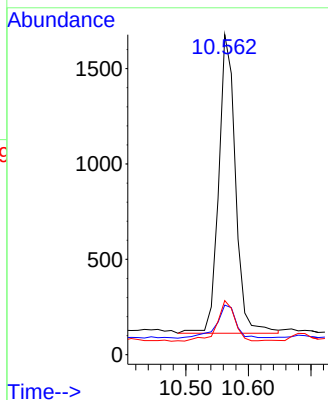
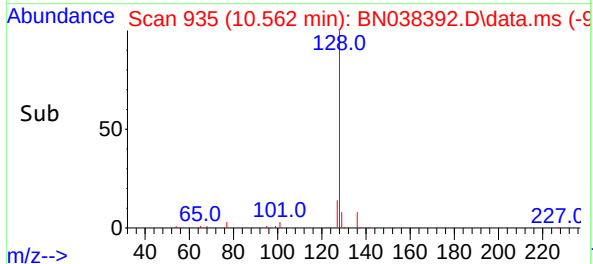
Instrument :
BNA_N
ClientSampleId :
C0AT6



Tgt Ion:128 Resp: 2930
Ion Ratio Lower Upper
128 100
129 15.5 9.1 13.7
127 16.9 10.9 16.3

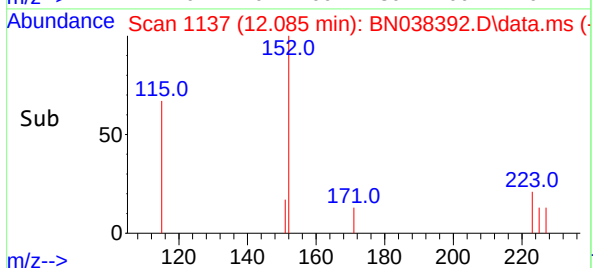
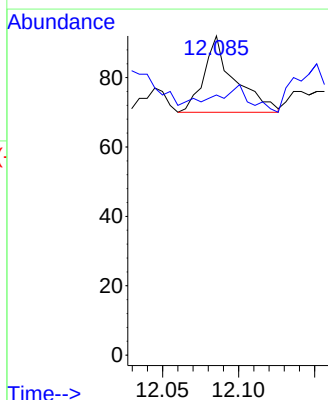
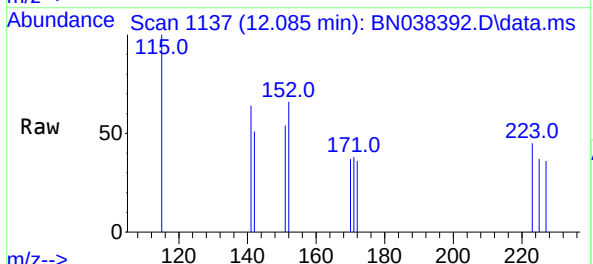
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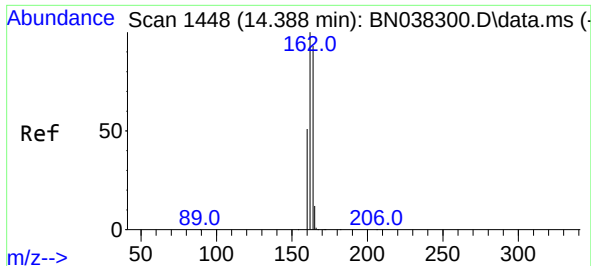
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#11
2-Methylnaphthalene-d10
Concen: 0.001 ng
RT: 12.085 min Scan# 1137
Delta R.T. -0.041 min
Lab File: BN038392.D
Acq: 13 Dec 2025 18:17

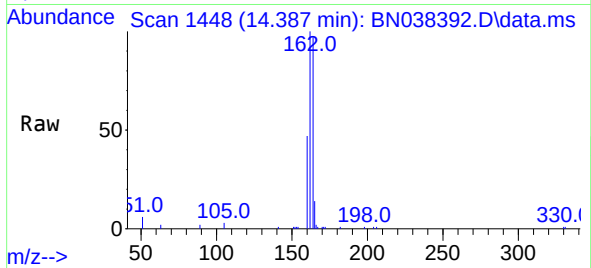
Tgt Ion:152 Resp: 31
Ion Ratio Lower Upper
152 100
151 41.9 17.0 25.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038392.D
Acq: 13 Dec 2025 18:17

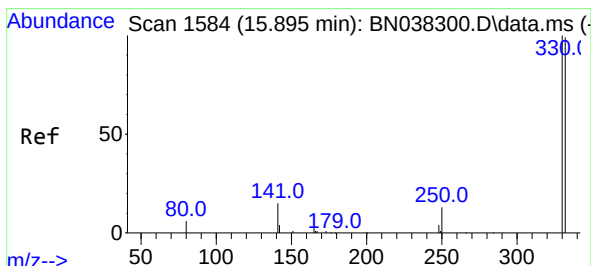
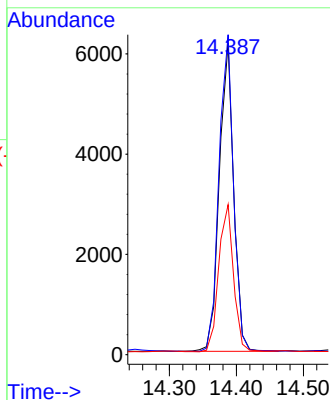
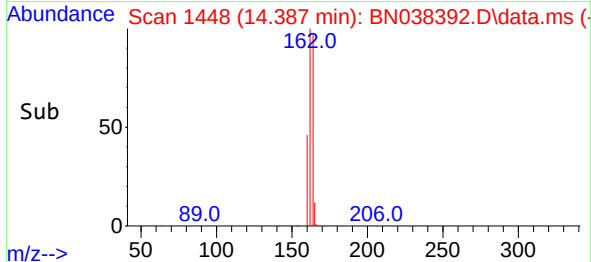
Instrument :
BNA_N
ClientSampleId :
C0AT6



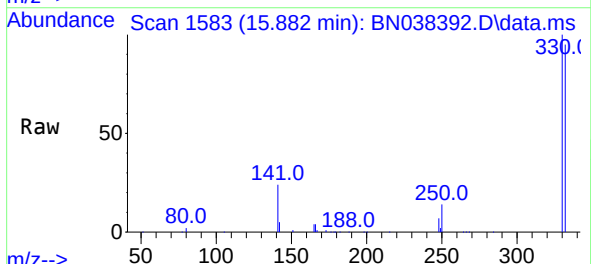
Tgt Ion:164 Resp: 9190
Ion Ratio Lower Upper
164 100
162 102.8 86.2 129.4
160 48.2 44.6 67.0

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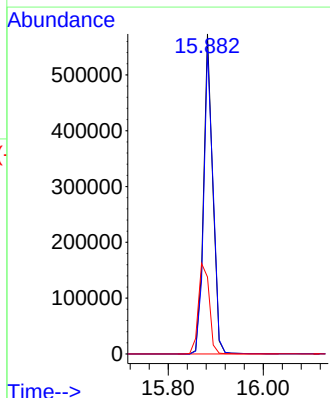
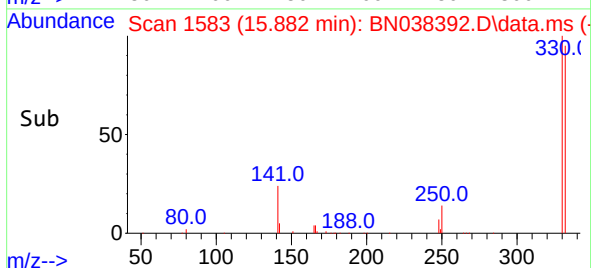
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

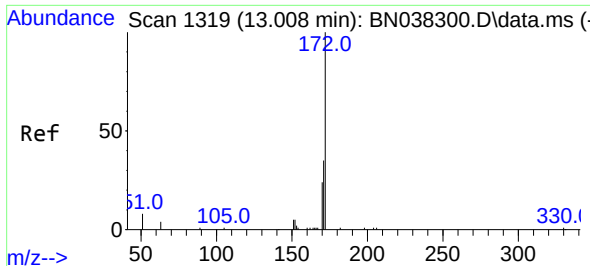


#14
2,4,6-Tribromophenol
Concen: 190.215 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038392.D
Acq: 13 Dec 2025 18:17



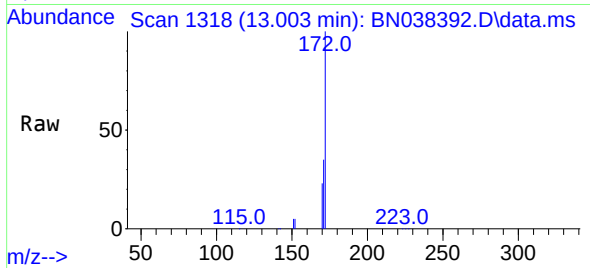
Tgt Ion:330 Resp: 776042
Ion Ratio Lower Upper
330 100
332 97.2 75.8 113.6
141 33.4 31.8 47.8





#15
2-Fluorobiphenyl
Concen: 64.377 ng
RT: 13.003 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN038392.D
Acq: 13 Dec 2025 18:17

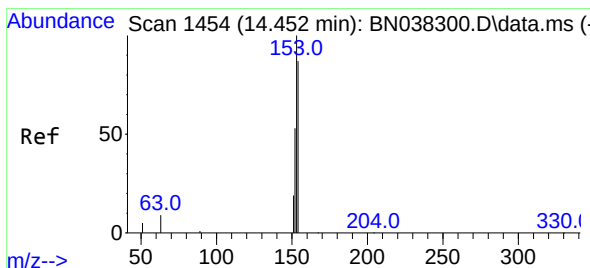
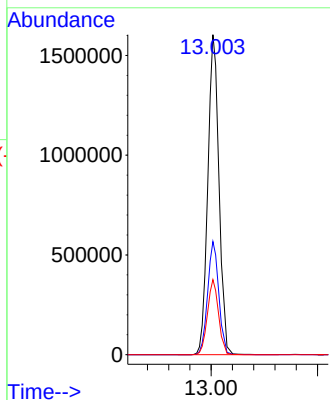
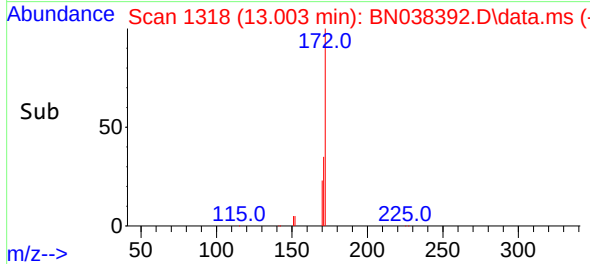
Instrument :
BNA_N
ClientSampleId :
C0AT6



Tgt Ion:172 Resp: 2852038
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.5 19.3 28.9

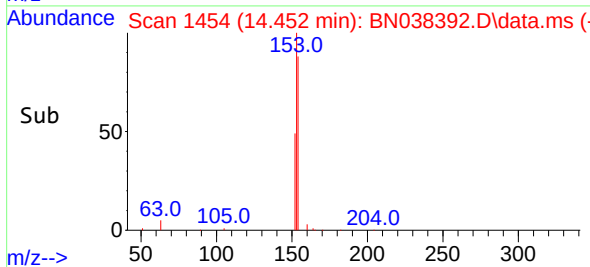
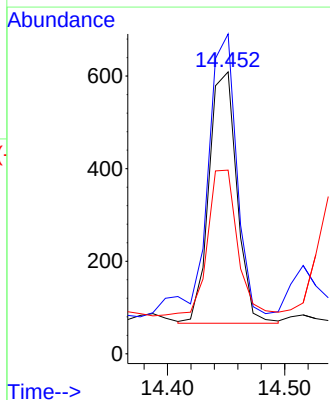
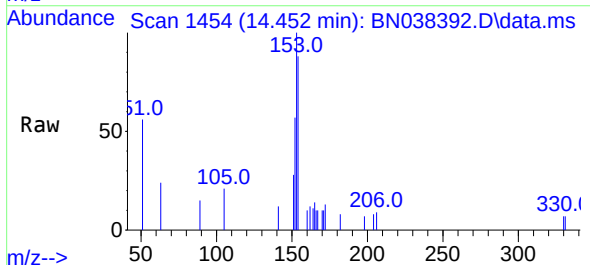
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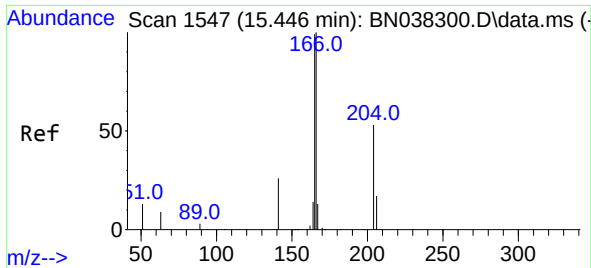
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#17
Acenaphthene
Concen: 0.029 ng
RT: 14.452 min Scan# 1454
Delta R.T. -0.011 min
Lab File: BN038392.D
Acq: 13 Dec 2025 18:17

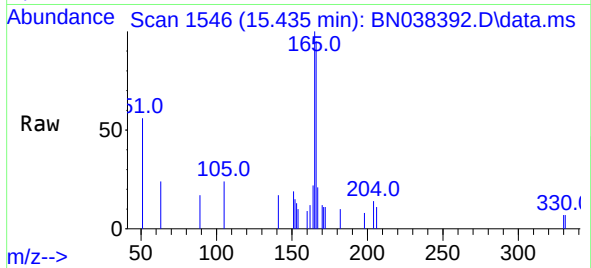
Tgt Ion:154 Resp: 901
Ion Ratio Lower Upper
154 100
153 120.4 89.8 134.8
152 63.8 47.5 71.3





#18
Fluorene
Concen: 0.023 ng
RT: 15.435 min Scan# 1546
Delta R.T. -0.011 min
Lab File: BN038392.D
Acq: 13 Dec 2025 18:17

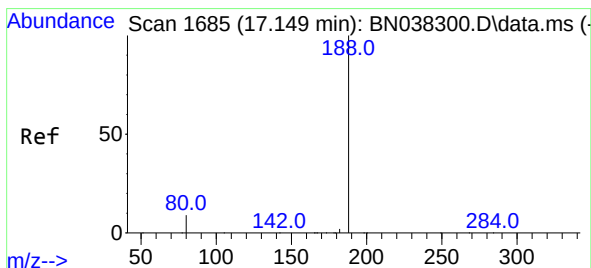
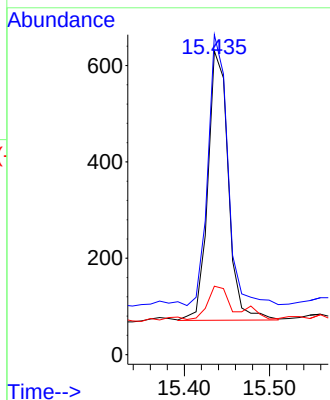
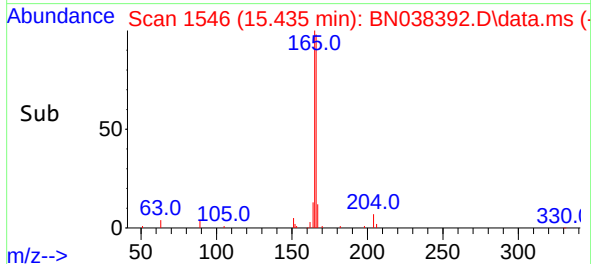
Instrument :
BNA_N
ClientSampleId :
COAT6



Tgt Ion:166 Resp: 930
Ion Ratio Lower Upper
166 100
165 96.9 80.2 120.4
167 20.9 10.6 16.0

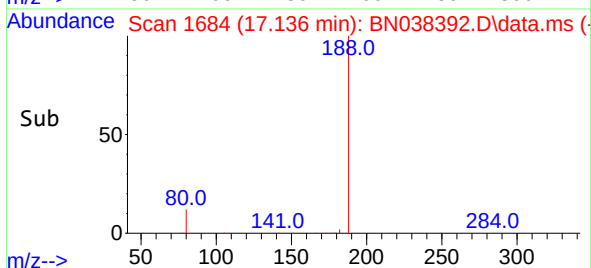
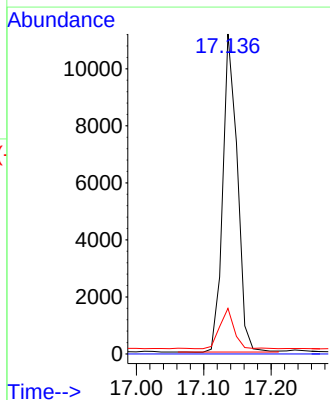
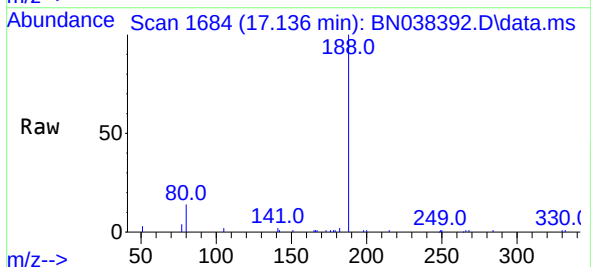
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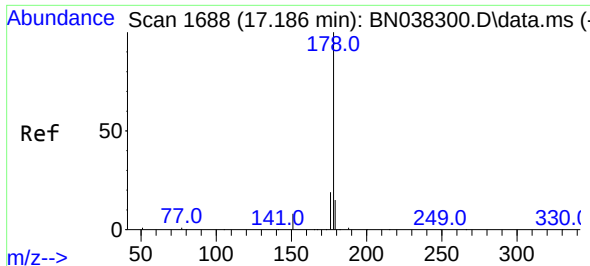
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038392.D
Acq: 13 Dec 2025 18:17

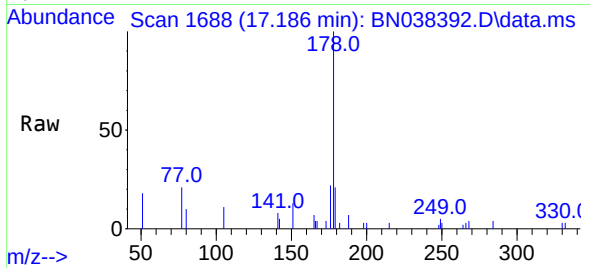
Tgt Ion:188 Resp: 16707
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.2 7.4 11.0





#25
Phenanthrene
Concen: 0.059 ng
RT: 17.186 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN038392.D
Acq: 13 Dec 2025 18:17

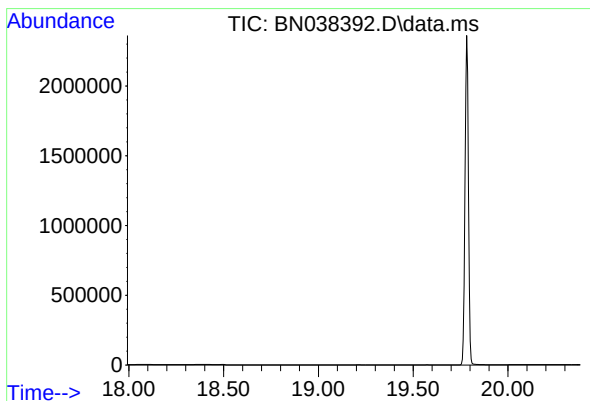
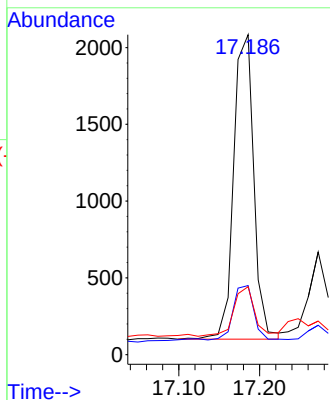
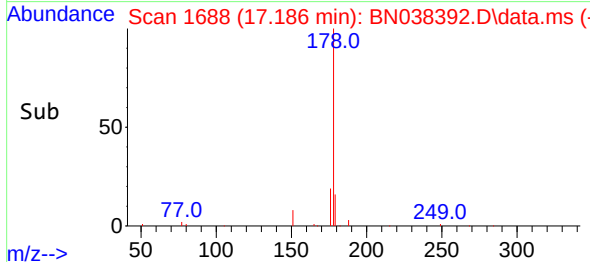
Instrument :
BNA_N
ClientSampleId :
C0AT6



Tgt Ion:178 Resp: 3430
Ion Ratio Lower Upper
178 100
176 22.7 15.5 23.3
179 16.6 12.2 18.2

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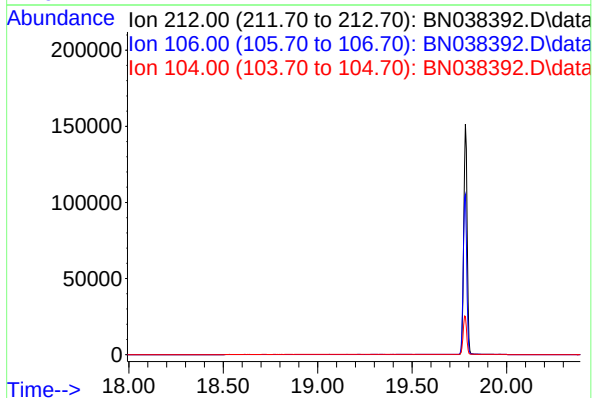
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

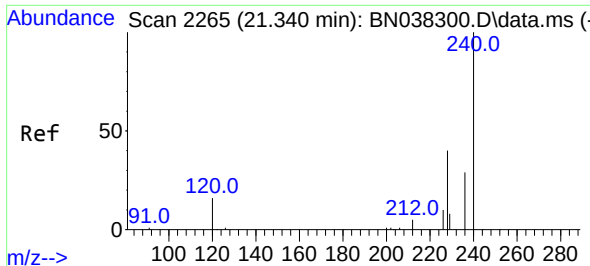


#27
Fluoranthene-d10
Concen: 0.000 ng
Expected RT: 19.19 min

Lab File: BN038392.D
Acq: 13 Dec 2025 18:17

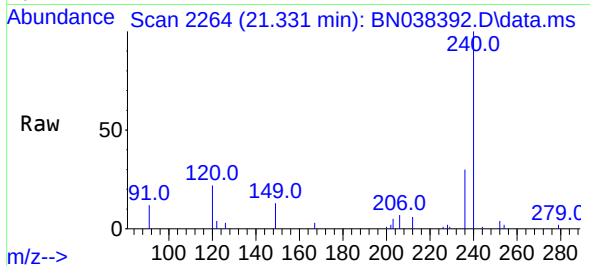
Tgt Ion: 212
Sig Exp Ratio
212 100
106 17.1
104 9.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038392.D
Acq: 13 Dec 2025 18:17

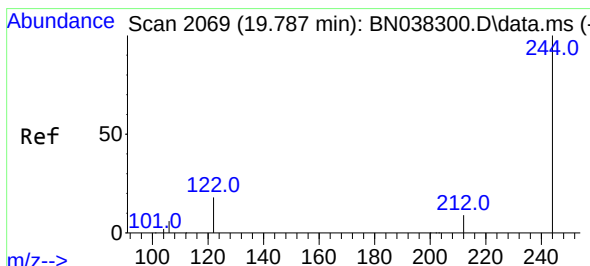
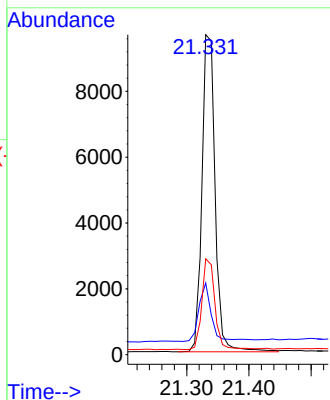
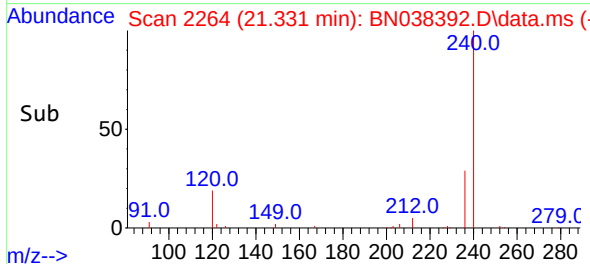
Instrument :
BNA_N
ClientSampleId :
C0AT6



Tgt Ion:240 Resp: 14170
Ion Ratio Lower Upper
240 100
120 22.4 15.4 23.2
236 30.0 23.9 35.9

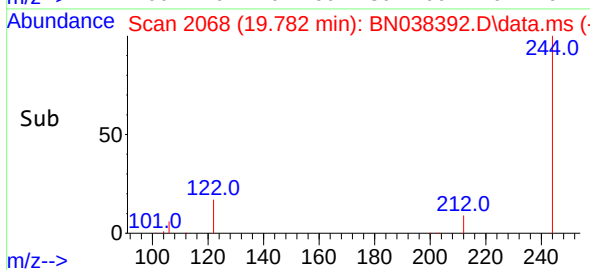
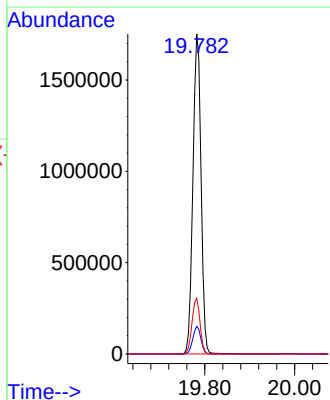
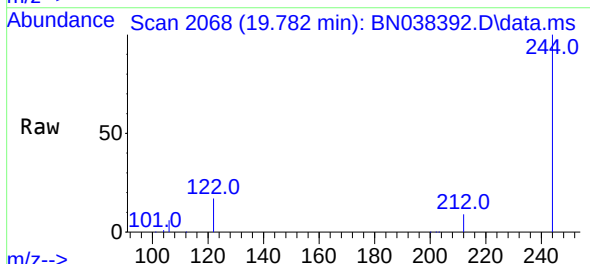
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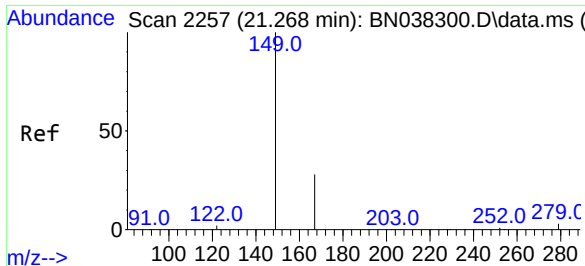
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#31
Terphenyl-d14
Concen: 69.560 ng
RT: 19.782 min Scan# 2068
Delta R.T. -0.009 min
Lab File: BN038392.D
Acq: 13 Dec 2025 18:17

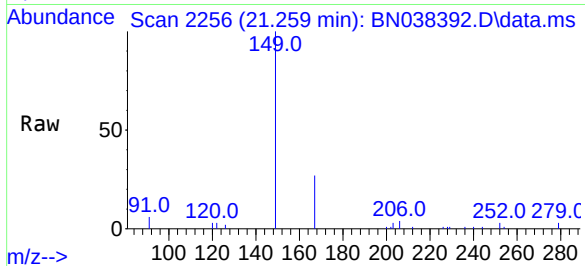
Tgt Ion:244 Resp: 2200631
Ion Ratio Lower Upper
244 100
212 8.6 7.9 11.9
122 17.4 15.0 22.6





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.462 ng
RT: 21.259 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038392.D
Acq: 13 Dec 2025 18:17

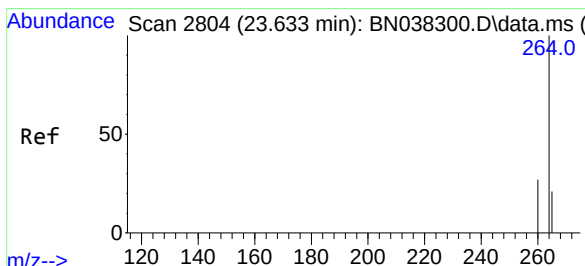
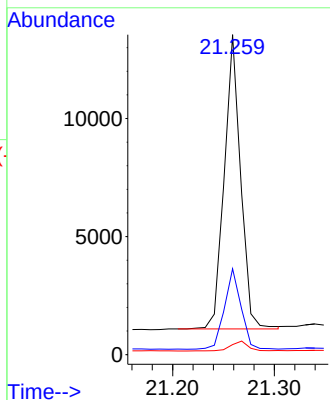
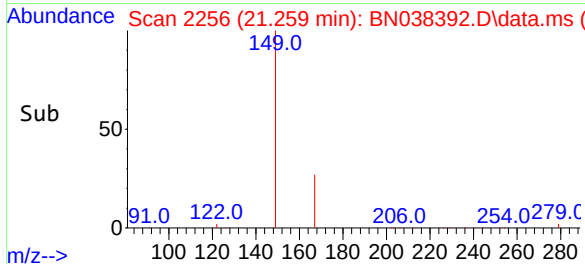
Instrument :
BNA_N
ClientSampleId :
COAT6



Tgt Ion:149 Resp: 13892
Ion Ratio Lower Upper
149 100
167 27.6 21.4 32.0
279 3.6 2.4 3.6

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



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.622 min Scan# 2800
Delta R.T. -0.012 min
Lab File: BN038392.D
Acq: 13 Dec 2025 18:17

Tgt Ion:264 Resp: 15257
Ion Ratio Lower Upper
264 100
260 26.5 22.2 33.2
265 77.9 80.2 120.2#

