

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
 Data File : BN038349.D
 Acq On : 12 Dec 2025 13:01
 Operator : RC/JU
 Sample : Q3828-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OWBR-06-219-120925

Quant Time: Dec 12 13:25:41 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5145	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	13627	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	6975	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	13582	0.400	ng	0.00
29) Chrysene-d12	21.340	240	9780	0.400	ng	0.00
35) Perylene-d12	23.630	264	9584	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	1975	0.154	ng	0.00
5) Phenol-d6	6.887	99	1485	0.097	ng	0.00
8) Nitrobenzene-d5	8.875	82	3621	0.315	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	5233	0.272	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	915	0.296	ng	0.00
15) 2-Fluorobiphenyl	13.009	172	12311	0.366	ng	0.00
27) Fluoranthene-d10	19.183	212	11914	0.355	ng	0.00
31) Terphenyl-d14	19.787	244	10137	0.464	ng	0.00
Target Compounds						
						Qvalue
12) 2-Methylnaphthalene	12.197	142	648	0.025	ng	# 87
18) Fluorene	15.446	166	965	0.031	ng	# 97
21) 4-Bromophenyl-phenylether	16.342	248	646	0.064	ng	# 83
22) Hexachlorobenzene	16.453	284	716	0.059	ng	91
25) Phenanthrene	17.186	178	3678m	0.078	ng	
26) Anthracene	17.273	178	1715	0.042	ng	98
28) Fluoranthene	19.215	202	1586	0.032	ng	# 55
30) Pyrene	19.578	202	1251	0.026	ng	96
34) Bis(2-ethylhexyl)phtha...	21.268	149	1676	0.081	ng	# 97

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

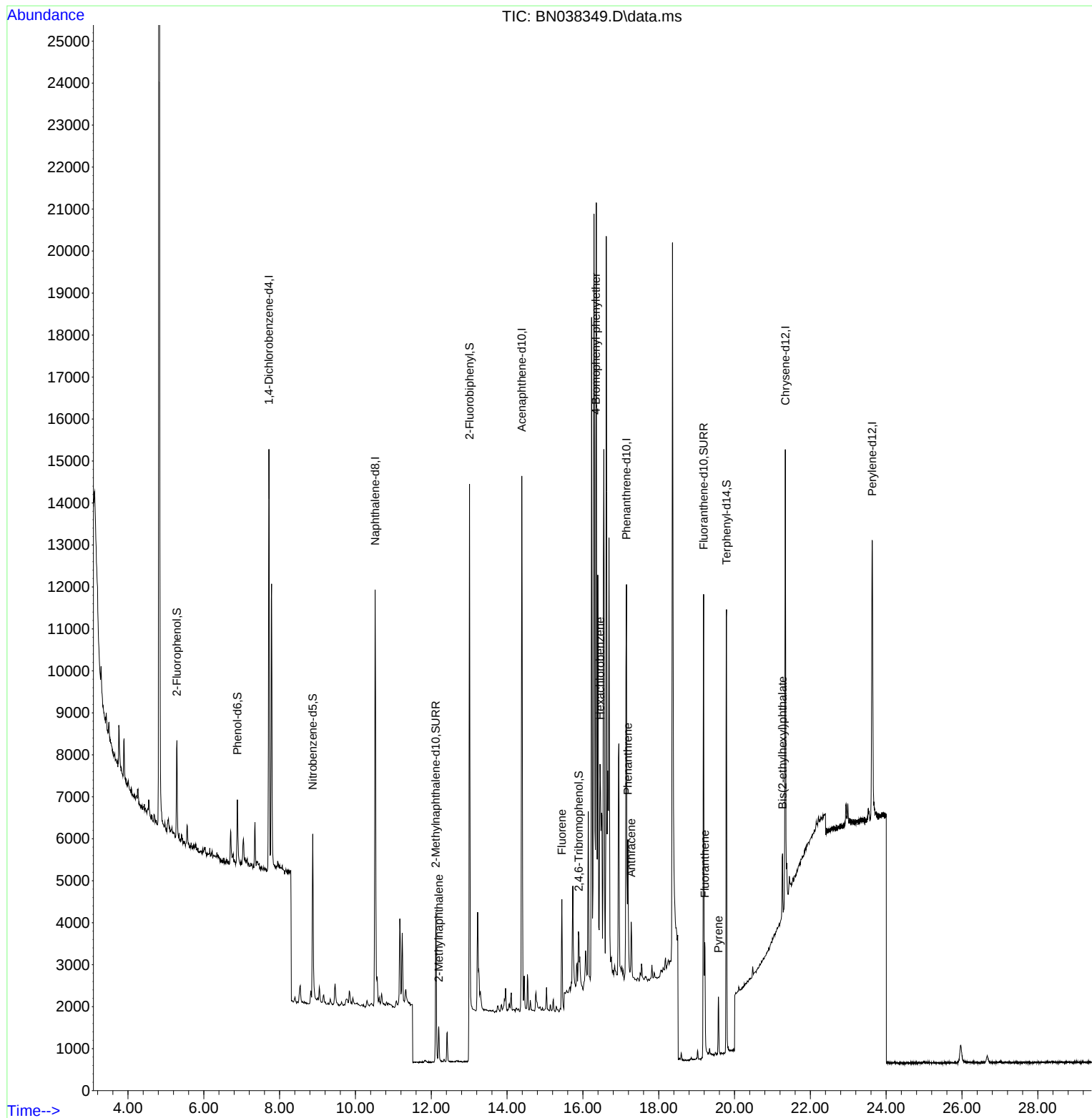
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038349.D
Acq On : 12 Dec 2025 13:01
Operator : RC/JU
Sample : Q3828-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

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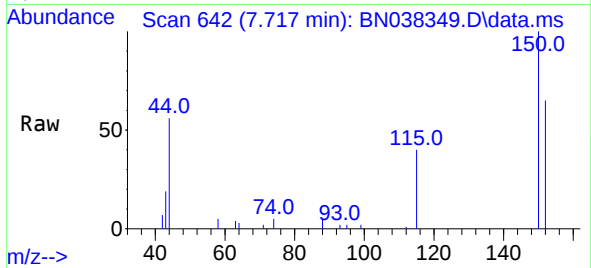
Quant Time: Dec 12 13:25:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 643
Delta R.T. -0.007 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

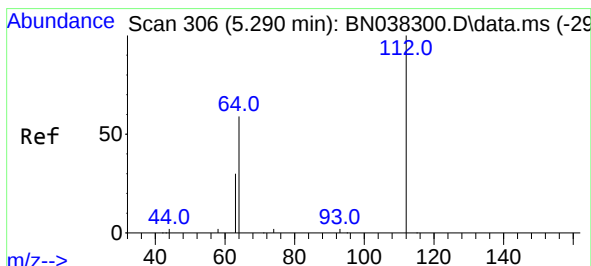
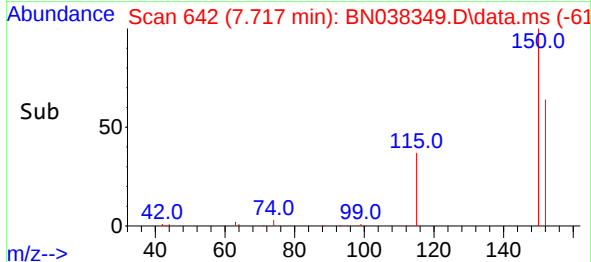
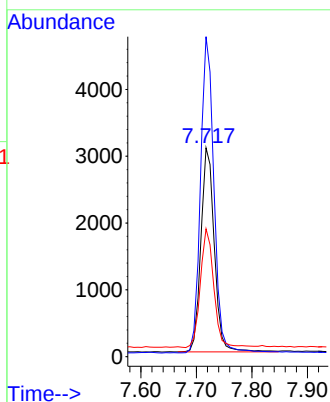
Instrument :
BNA_N
ClientSampleId :
OWBR-06-219-120925



Tgt Ion:152 Resp: 5149
Ion Ratio Lower Upper
152 100
150 153.2 122.4 183.6
115 61.2 47.3 70.9

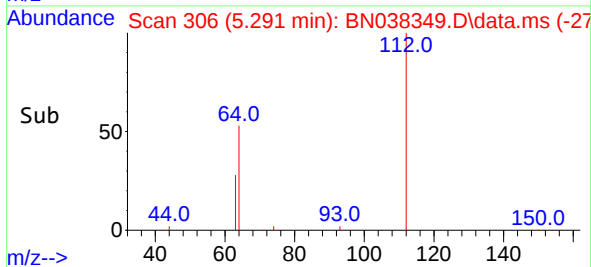
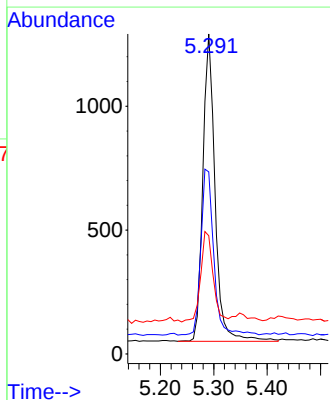
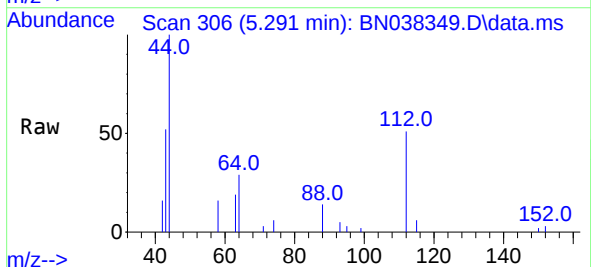
Manual Integrations
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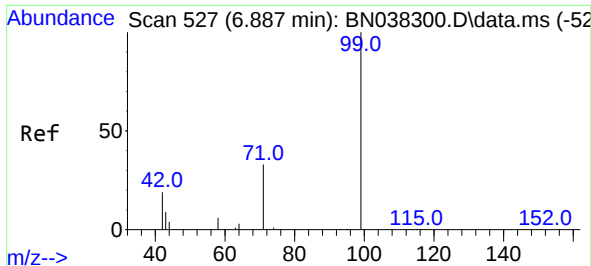
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#4
2-Fluorophenol
Concen: 0.154 ng
RT: 5.291 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

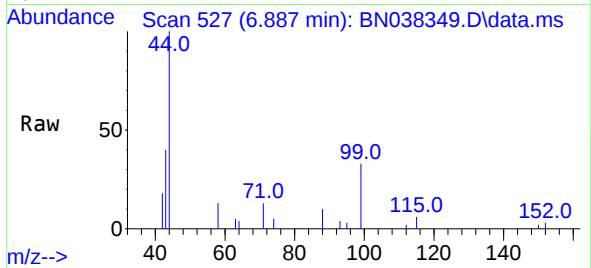
Tgt Ion:112 Resp: 1975
Ion Ratio Lower Upper
112 100
64 56.4 44.4 66.6
63 30.0 23.4 35.0





#5
Phenol-d6
Concen: 0.097 ng
RT: 6.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

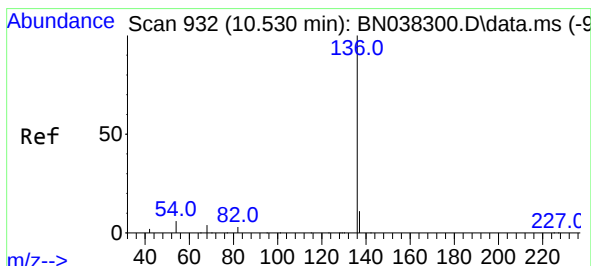
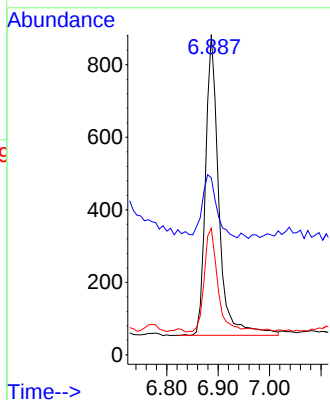
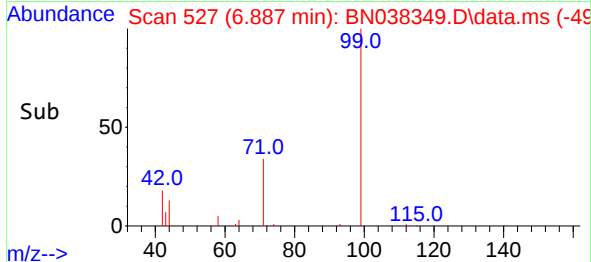
Instrument :
BNA_N
ClientSampleId :
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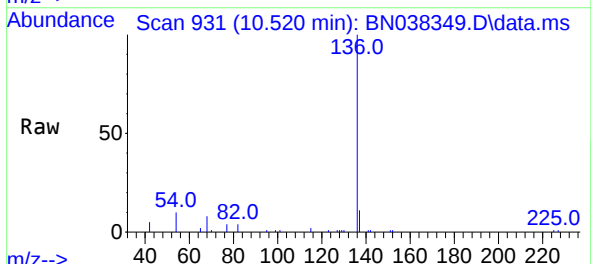
Tgt Ion: 99 Resp: 148
Ion Ratio Lower Upper
99 100
42 22.7 16.5 24.7
71 36.8 24.9 37.3

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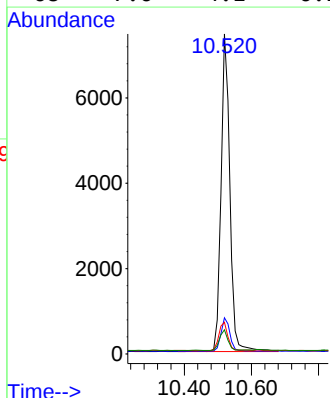
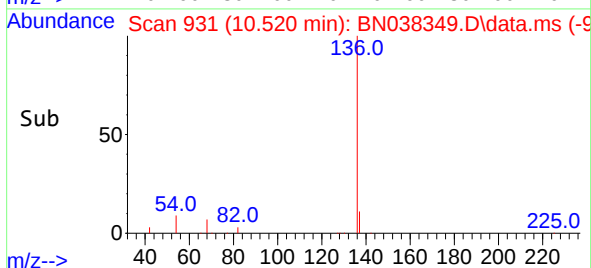
Reviewed By :Rahul Chavli 12/15/2025
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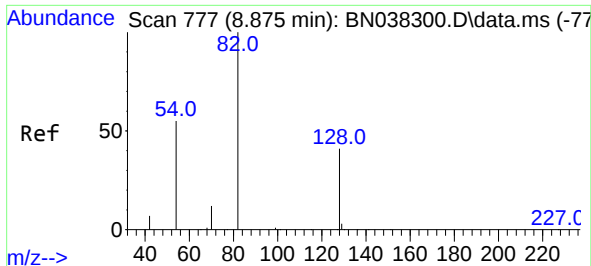


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01



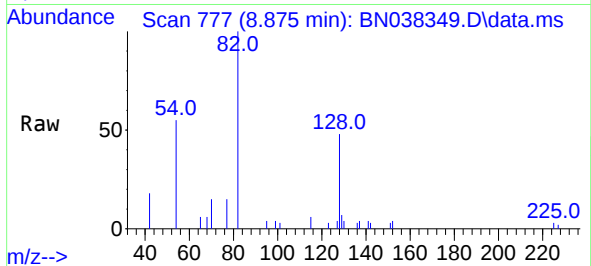
Tgt Ion:136 Resp: 13627
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 9.9 5.2 7.8#
68 7.6 4.1 6.1#





#8
Nitrobenzene-d5
Concen: 0.315 ng
RT: 8.875 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

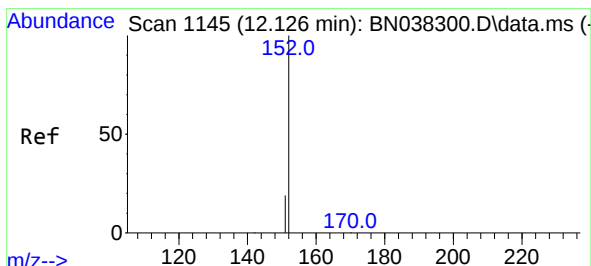
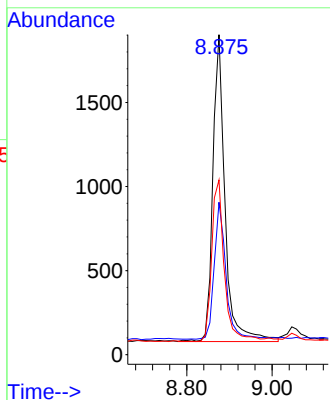
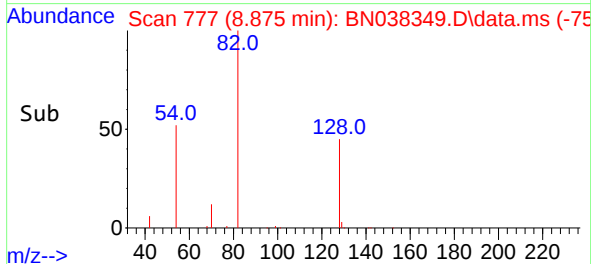
Instrument :
BNA_N
ClientSampleId :
OWBR-06-219-120925



Tgt Ion: 82 Resp: 362
Ion Ratio Lower Upper
82 100
128 47.7 34.0 51.0
54 54.6 44.4 66.6

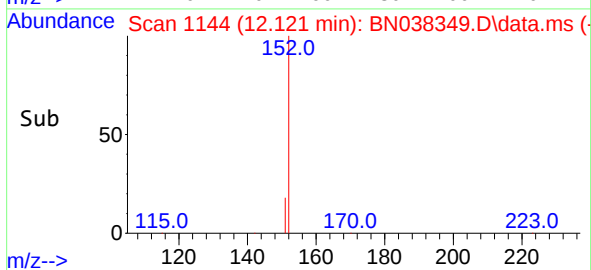
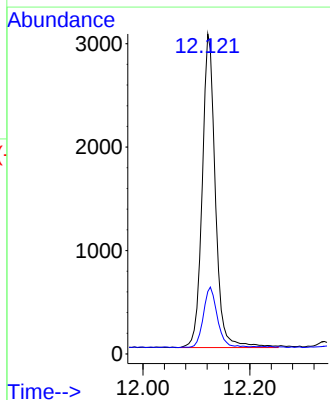
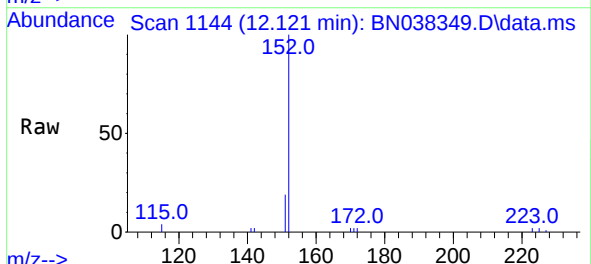
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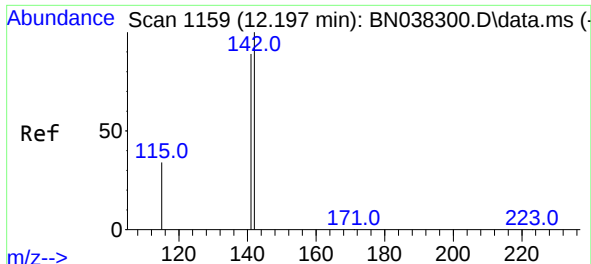
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#11
2-Methylnaphthalene-d10
Concen: 0.272 ng
RT: 12.121 min Scan# 1144
Delta R.T. -0.005 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

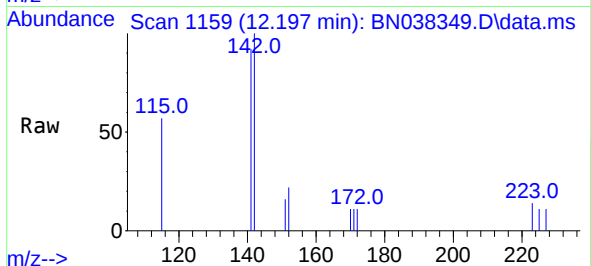
Tgt Ion:152 Resp: 5233
Ion Ratio Lower Upper
152 100
151 20.5 17.0 25.6





#12
2-Methylnaphthalene
Concen: 0.025 ng
RT: 12.197 min Scan# 1159
Delta R.T. -0.005 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

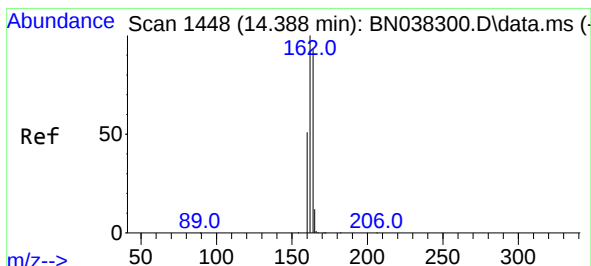
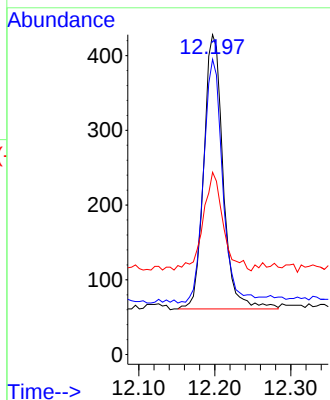
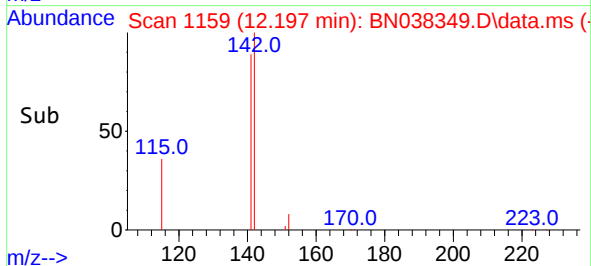
Instrument :
BNA_N
ClientSampleId :
OWBR-06-219-120925



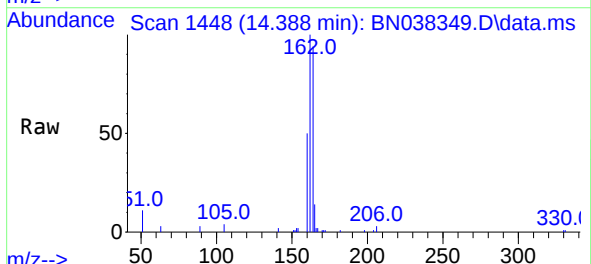
Tgt Ion:142 Resp: 648
Ion Ratio Lower Upper
142 100
141 92.3 71.4 107.2
115 57.0 28.4 42.6

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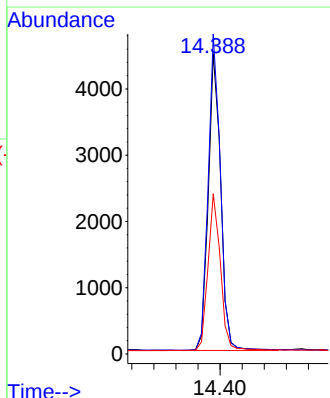
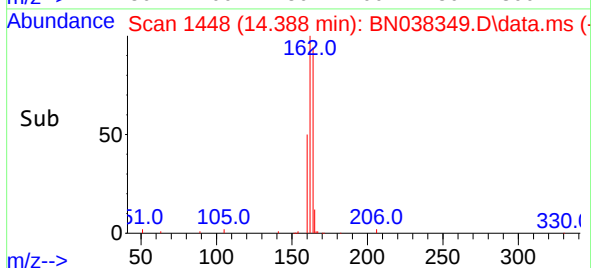
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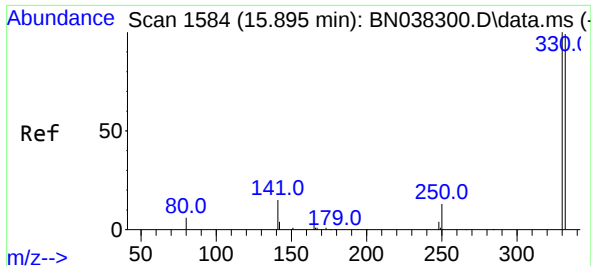


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01



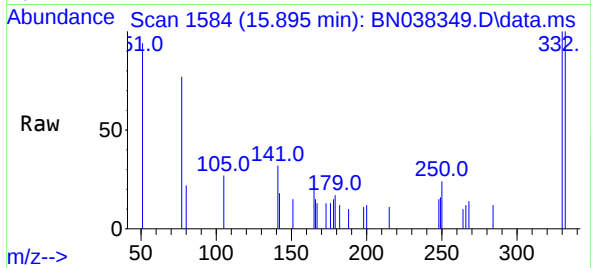
Tgt Ion:164 Resp: 6975
Ion Ratio Lower Upper
164 100
162 106.5 86.2 129.4
160 53.3 44.6 67.0





#14
2,4,6-Tribromophenol
Concen: 0.296 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

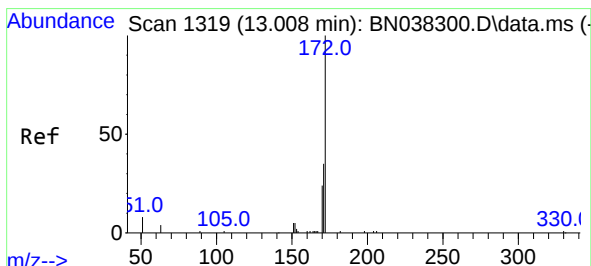
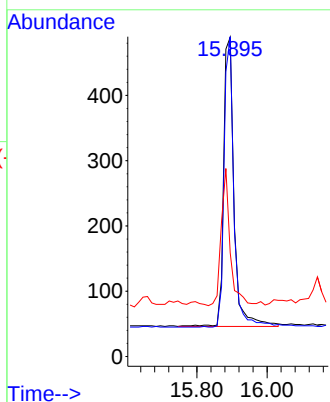
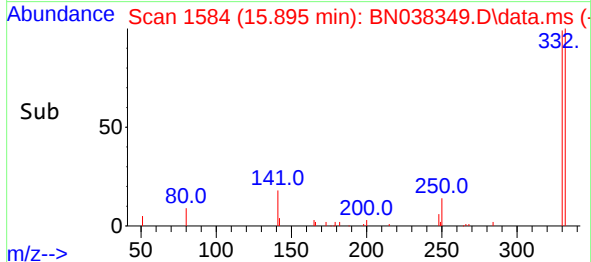
Instrument :
BNA_N
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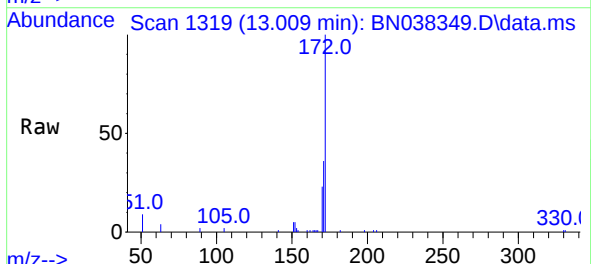
Tgt Ion: 330 Resp: 91.1
Ion Ratio Lower Upper
330 100
332 93.9 75.8 113.6
141 40.7 31.8 47.8

Manual Integrations
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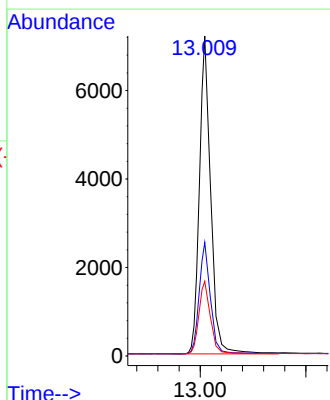
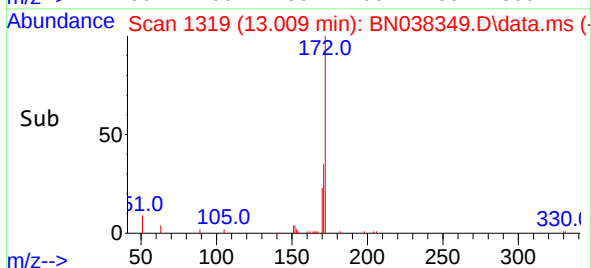
Reviewed By :Rahul Chavli 12/15/2025
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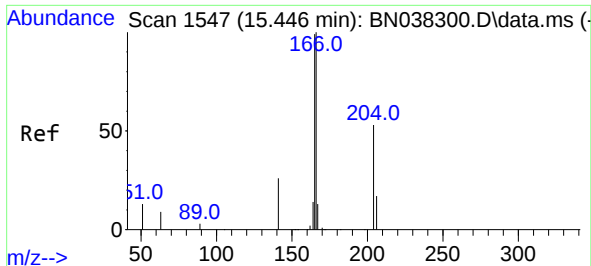


#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.009 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01



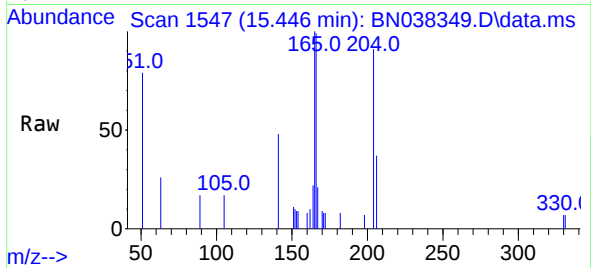
Tgt Ion: 172 Resp: 12311
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.3 19.3 28.9





#18
Fluorene
Concen: 0.031 ng
RT: 15.446 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

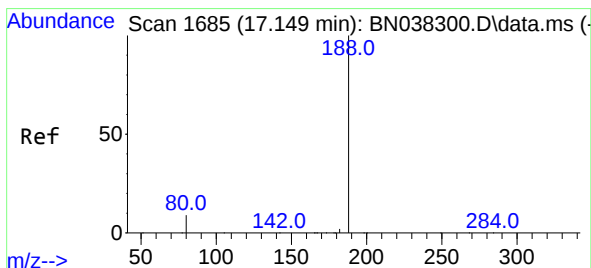
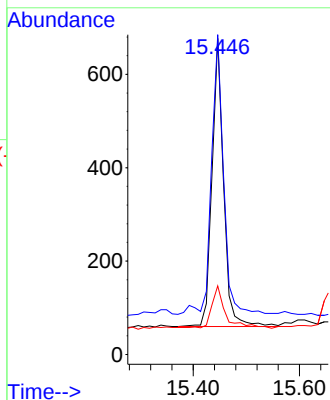
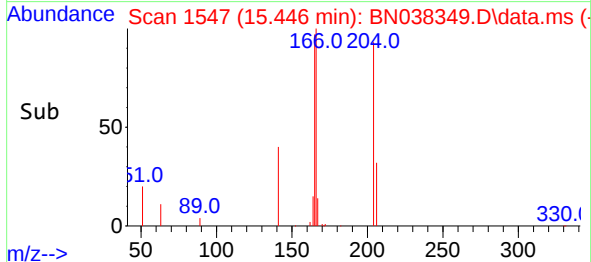
Instrument :
BNA_N
ClientSampleId :
OWBR-06-219-120925



Tgt Ion:166 Resp: 96
Ion Ratio Lower Upper
166 100
165 102.4 80.2 120.4
167 17.9 10.6 16.0

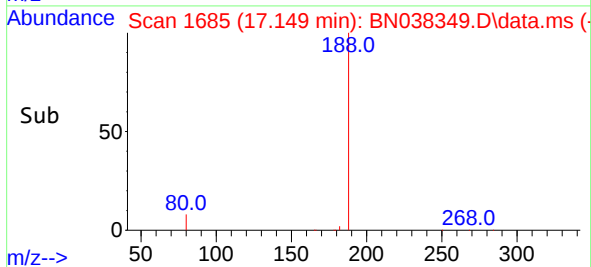
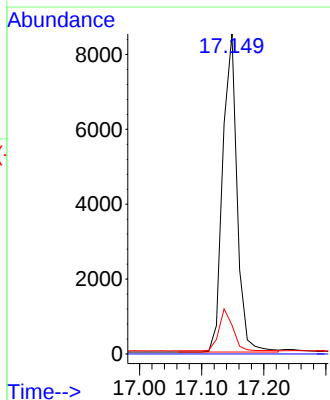
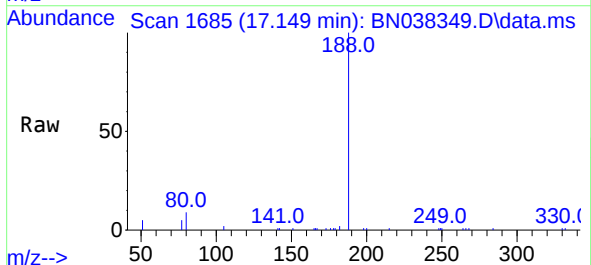
Manual Integrations
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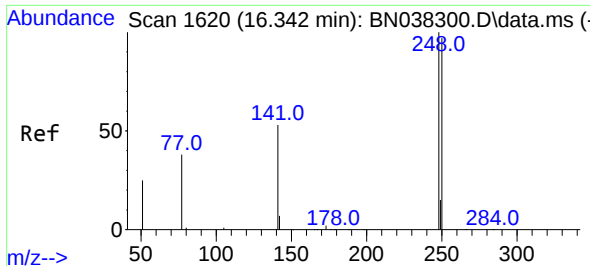
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

Tgt Ion:188 Resp: 13582
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 7.4 11.0





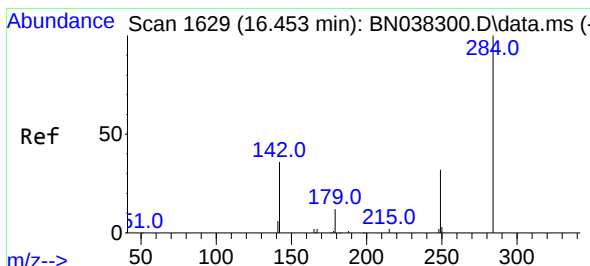
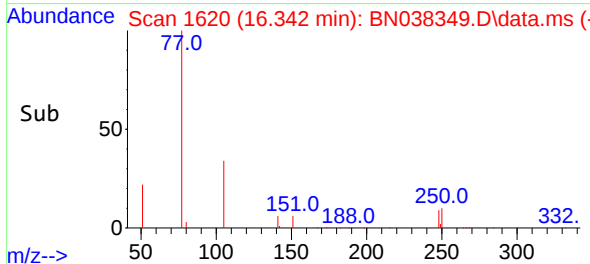
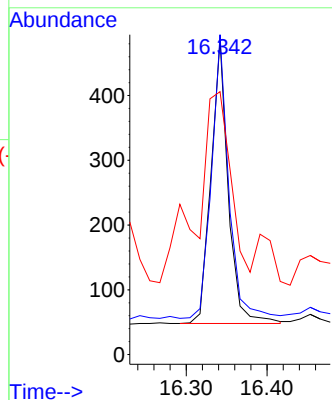
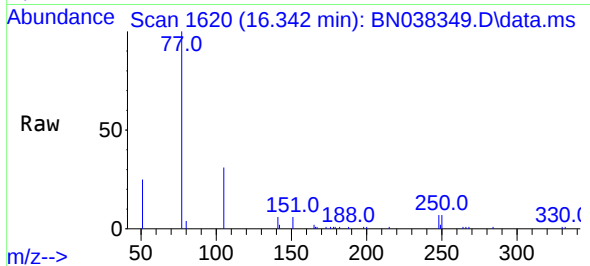
#21
4-Bromophenyl-phenylether
Concen: 0.064 ng
RT: 16.342 min Scan# 1620
Delta R.T. -0.000 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

Instrument :
BNA_N
ClientSampleId :
OWBR-06-219-120925

Tgt Ion:248 Resp: 640
Ion Ratio Lower Upper
248 100
250 101.6 78.2 117.2
141 83.5 43.7 65.5

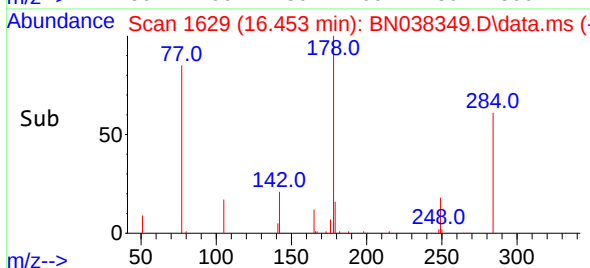
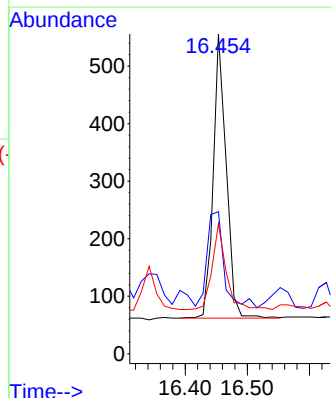
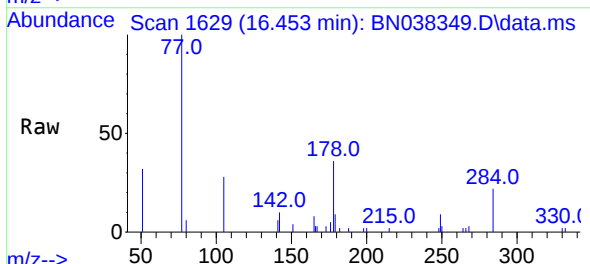
Manual Integrations
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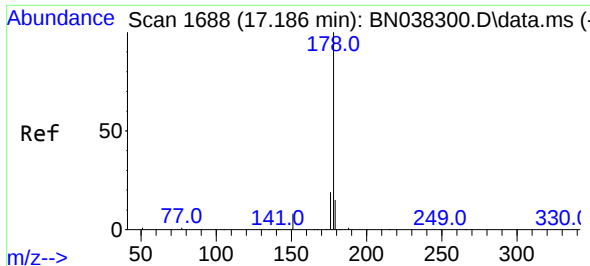
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#22
Hexachlorobenzene
Concen: 0.059 ng
RT: 16.453 min Scan# 1629
Delta R.T. -0.012 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

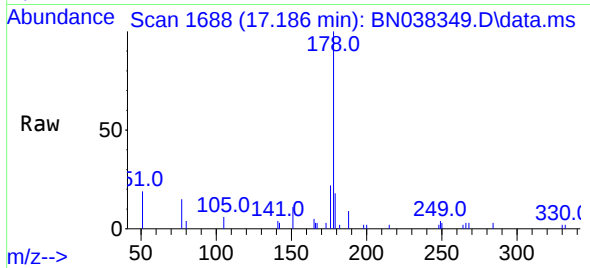
Tgt Ion:284 Resp: 716
Ion Ratio Lower Upper
284 100
142 43.9 29.5 44.3
249 32.4 23.7 35.5





#25
Phenanthrene
Concen: 0.078 ng m
RT: 17.186 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

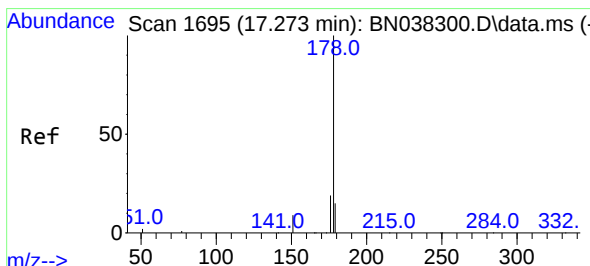
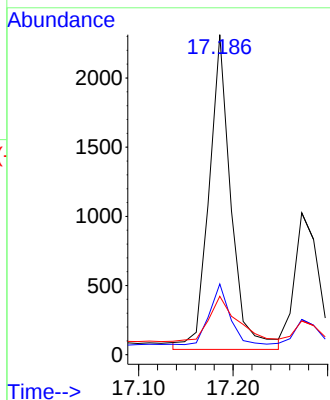
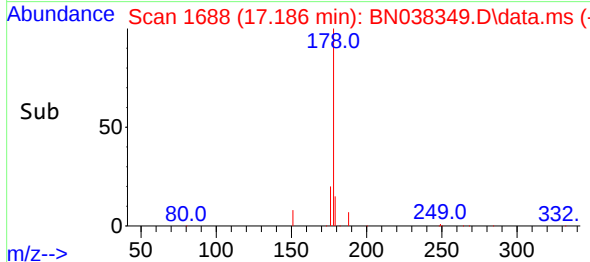
Instrument :
BNA_N
ClientSampleId :
OWBR-06-219-120925



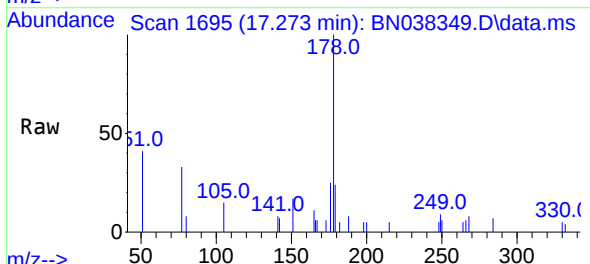
Tgt Ion:178 Resp: 3678
Ion Ratio Lower Upper
178 100
176 8.5 15.5 23.3
179 5.8 12.2 18.2

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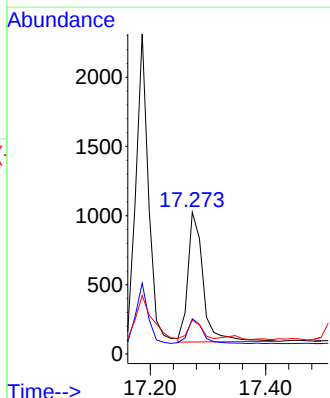
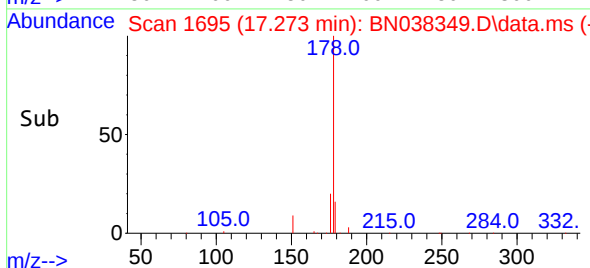
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

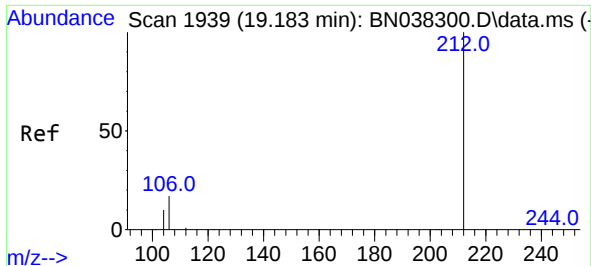


#26
Anthracene
Concen: 0.042 ng
RT: 17.273 min Scan# 1695
Delta R.T. -0.012 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01



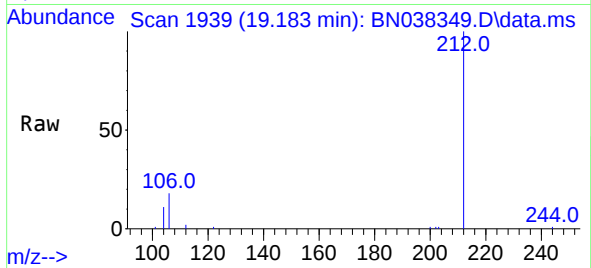
Tgt Ion:178 Resp: 1715
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 14.1 12.0 18.0





#27
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.183 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

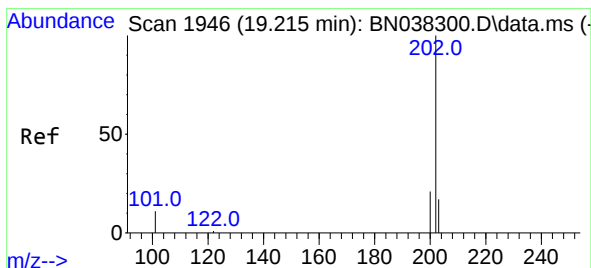
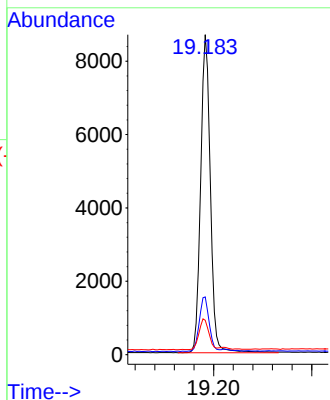
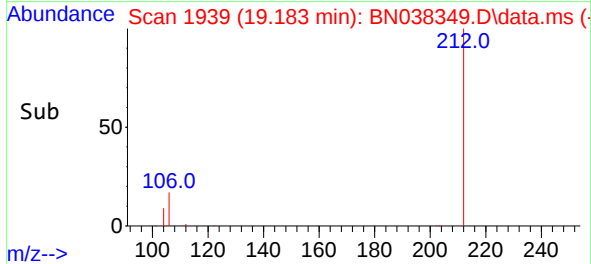
Instrument :
BNA_N
ClientSampleId :
OWBR-06-219-120925



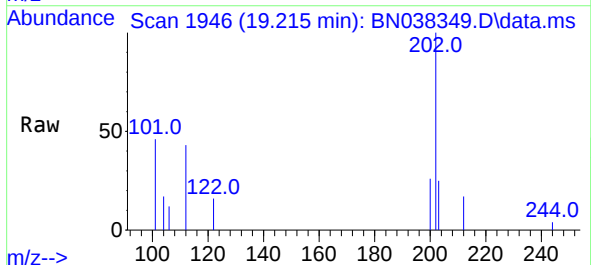
Tgt Ion:212 Resp: 11914
Ion Ratio Lower Upper
212 100
106 17.2 13.7 20.5
104 9.6 7.8 11.8

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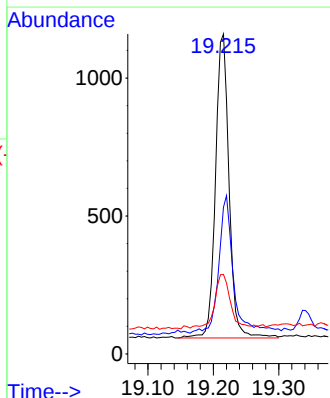
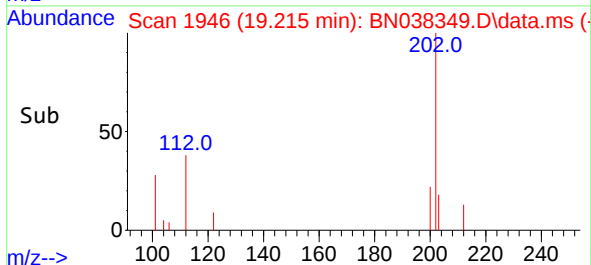
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

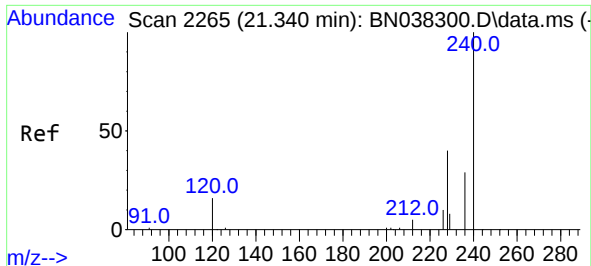


#28
Fluoranthene
Concen: 0.032 ng
RT: 19.215 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01



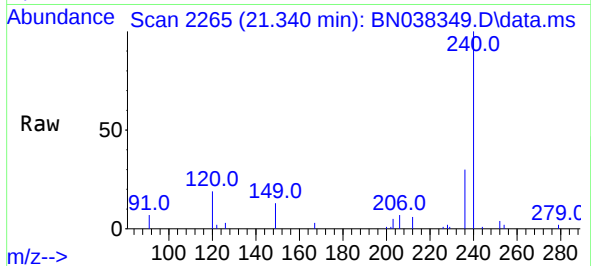
Tgt Ion:202 Resp: 1586
Ion Ratio Lower Upper
202 100
101 50.0 9.6 14.4#
203 20.1 13.5 20.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

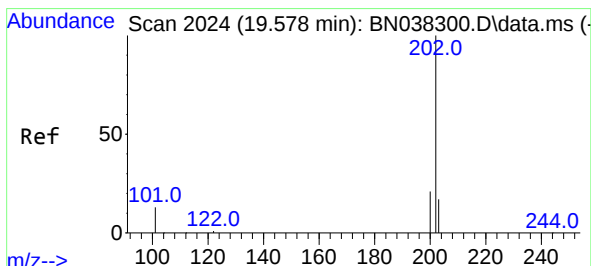
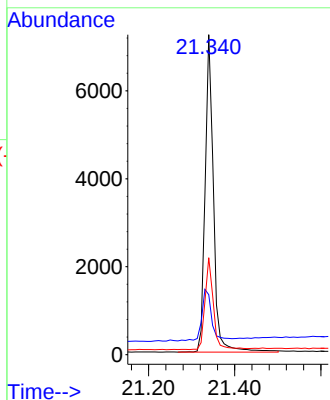
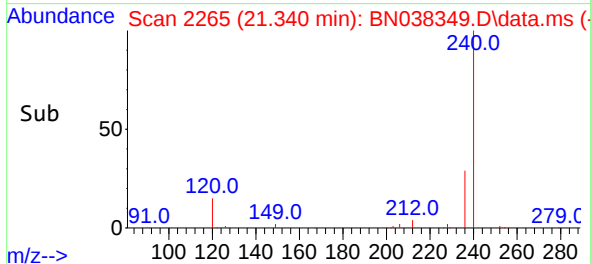
Instrument :
BNA_N
ClientSampleId :
OWBR-06-219-120925



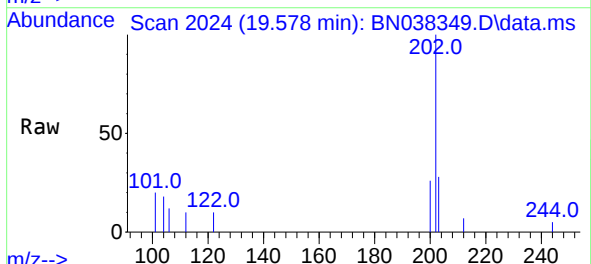
Tgt Ion:240 Resp: 9780
Ion Ratio Lower Upper
240 100
120 18.7 15.4 23.2
236 30.3 23.9 35.9

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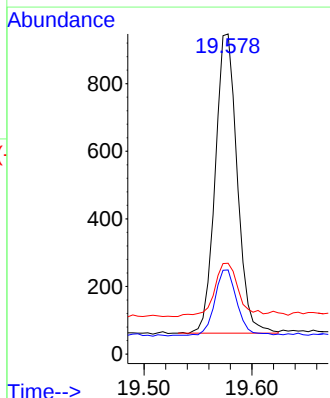
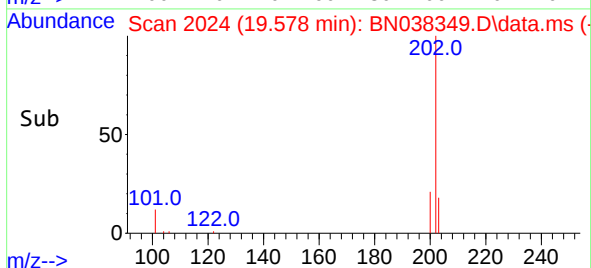
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025

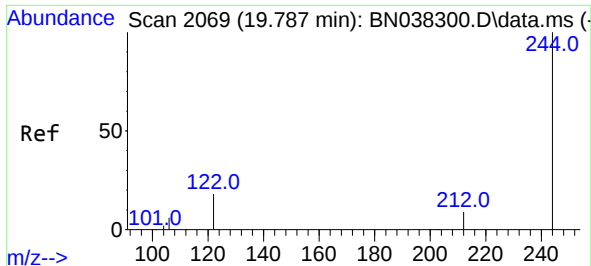


#30
Pyrene
Concen: 0.026 ng
RT: 19.578 min Scan# 2024
Delta R.T. -0.005 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01



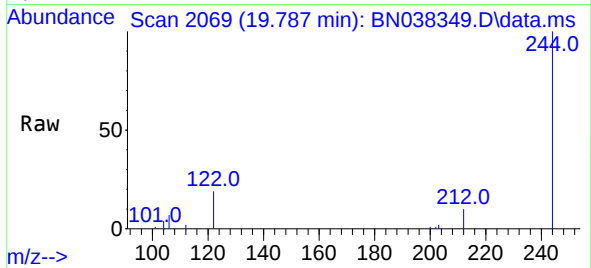
Tgt Ion:202 Resp: 1251
Ion Ratio Lower Upper
202 100
200 22.9 16.9 25.3
203 19.6 14.2 21.2





#31
Terphenyl-d14
Concen: 0.464 ng
RT: 19.787 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

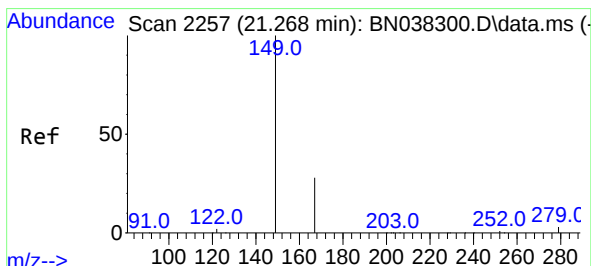
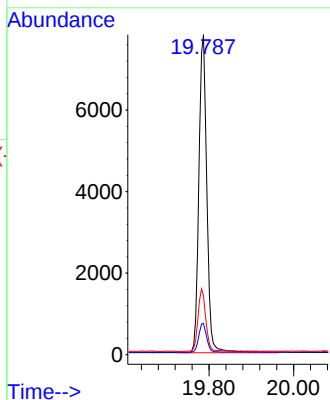
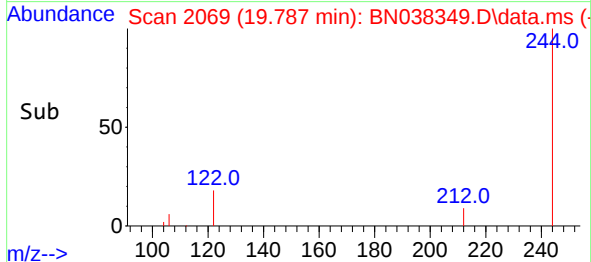
Instrument :
BNA_N
ClientSampleId :
OWBR-06-219-120925



Tgt Ion:244 Resp: 1013
Ion Ratio Lower Upper
244 100
212 9.8 7.9 11.9
122 18.5 15.0 22.6

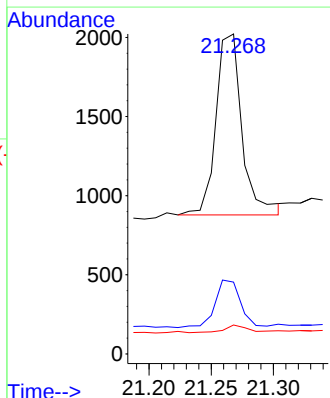
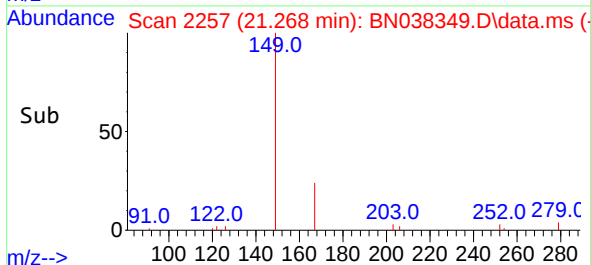
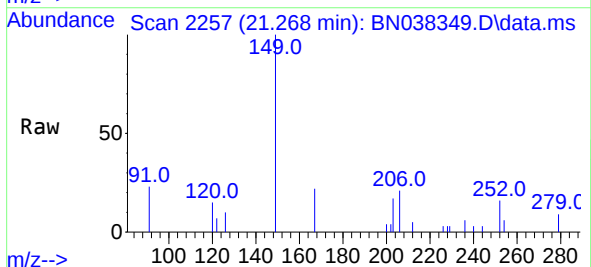
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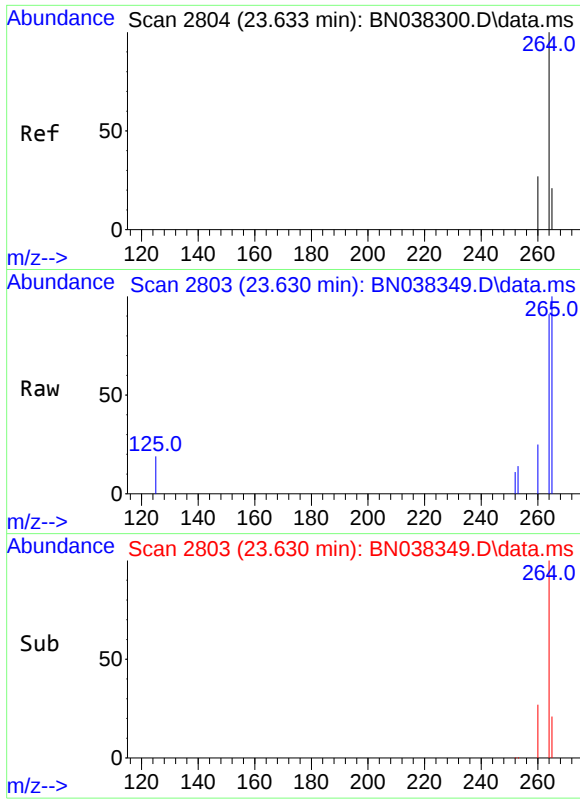
Reviewed By :Rahul Chavli 12/15/2025
Supervised By :Jagrut Upadhyay 12/15/2025



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.081 ng
RT: 21.268 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

Tgt Ion:149 Resp: 1676
Ion Ratio Lower Upper
149 100
167 25.4 21.4 32.0
279 3.9 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.630 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN038349.D
Acq: 12 Dec 2025 13:01

Instrument :
BNA_N
ClientSampleId :
OWBR-06-219-120925

Tgt Ion:264 Resp: 9584

Ion	Ratio	Lower	Upper
264	100		
260	27.8	22.2	33.2
265	109.6	80.2	120.2

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

