

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
 Data File : BN038080.D
 Acq On : 13 Oct 2025 22:12
 Operator : RC/JU
 Sample : PB170061BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB170061BSD

Quant Time: Oct 14 02:40:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2025
 Supervised By :mohammad ahmed 10/15/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	6262	0.400	ng	-0.03
7) Naphthalene-d8	10.594	136	16679	0.400	ng	#-0.03
13) Acenaphthene-d10	14.452	164	7730	0.400	ng	-0.02
19) Phenanthrene-d10	17.198	188	12472	0.400	ng	#-0.02
29) Chrysene-d12	21.393	240	7875	0.400	ng	# 0.00
35) Perylene-d12	23.712	264	7156	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	5147	0.360	ng	-0.01
5) Phenol-d6	6.959	99	5448	0.290	ng	-0.01
8) Nitrobenzene-d5	8.950	82	4860	0.382	ng	-0.02
11) 2-Methylnaphthalene-d10	12.192	152	9100m	0.393	ng	-0.03
14) 2,4,6-Tribromophenol	15.944	330	713	0.243	ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	13629	0.431	ng	-0.02
27) Fluoranthene-d10	19.238	212	10274	0.327	ng	-0.01
31) Terphenyl-d14	19.838	244	7725	0.492	ng	-0.01
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.283	88	2503	0.394	ng	# 46
3) n-Nitrosodimethylamine	3.586	42	3321	0.393	ng	# 92
6) bis(2-Chloroethyl)ether	7.219	93	6370	0.365	ng	98
9) Naphthalene	10.648	128	17270	0.376	ng	100
10) Hexachlorobutadiene	10.946	225	3127	0.399	ng	# 99
12) 2-Methylnaphthalene	12.268	142	9323	0.311	ng	99
16) Acenaphthylene	14.174	152	13833	0.394	ng	99
17) Acenaphthene	14.516	154	8723	0.349	ng	99
18) Fluorene	15.499	166	9464	0.313	ng	100
20) 4,6-Dinitro-2-methylph...	15.584	198	372	0.302	ng	# 1
21) 4-Bromophenyl-phenylether	16.404	248	2873	0.353	ng	# 88
22) Hexachlorobenzene	16.515	284	3885	0.394	ng	98
23) Atrazine	16.664	200	1760	0.284	ng	# 93
24) Pentachlorophenol	16.863	266	1783	0.527	ng	97
25) Phenanthrene	17.248	178	14265	0.348	ng	100
26) Anthracene	17.335	178	12414	0.349	ng	100
28) Fluoranthene	19.266	202	13851	0.306	ng	100
30) Pyrene	19.629	202	13920	0.448	ng	100
32) Benzo(a)anthracene	21.375	228	9792	0.356	ng	99
33) Chrysene	21.429	228	12300	0.413	ng	99
34) Bis(2-ethylhexyl)phtha...	21.304	149	4156	0.382	ng	99
36) Indeno(1,2,3-cd)pyrene	26.080	276	13218	0.404	ng	98
37) Benzo(b)fluoranthene	23.008	252	10551	0.342	ng	# 86
38) Benzo(k)fluoranthene	23.054	252	11141	0.359	ng	# 84
39) Benzo(a)pyrene	23.610	252	9170	0.376	ng	# 79
40) Dibenzo(a,h)anthracene	26.101	278	9559	0.374	ng	# 88
41) Benzo(g,h,i)perylene	26.800	276	12253	0.457	ng	98

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

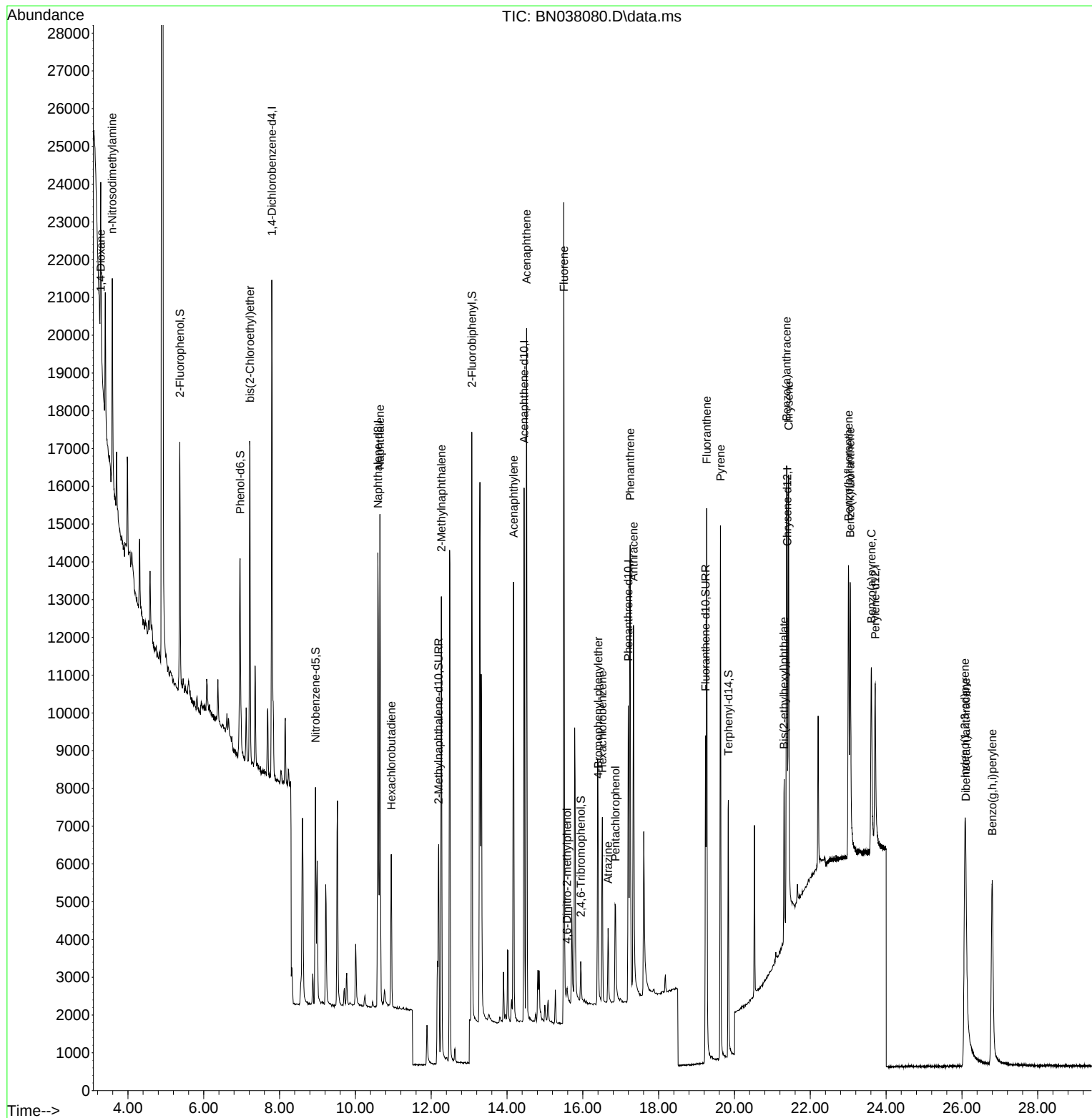
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
 Data File : BN038080.D
 Acq On : 13 Oct 2025 22:12
 Operator : RC/JU
 Sample : PB170061BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

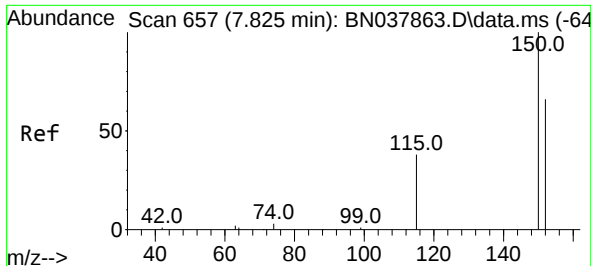
Instrument :
 BNA_N
 ClientSampleId :
 PB170061BSD

Manual Integrations APPROVED

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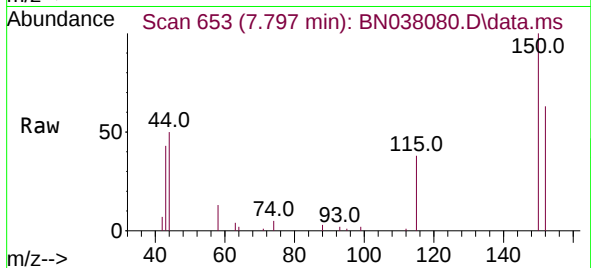
Quant Time: Oct 14 02:40:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.797 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN038080.D
 Acq: 13 Oct 2025 22:12

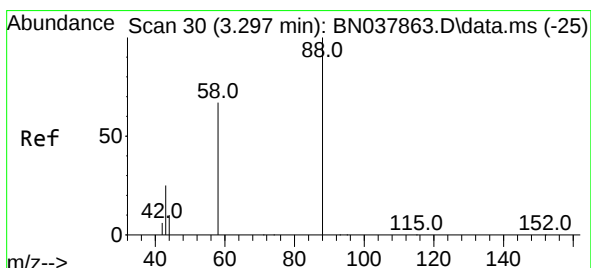
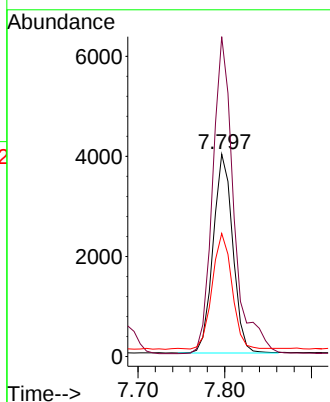
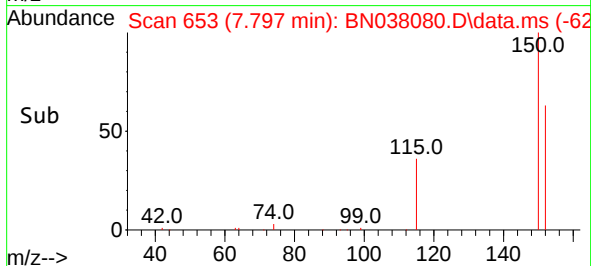
Instrument :
 BNA_N
 ClientSampleId :
 PB170061BSD



Tgt Ion:152 Resp: 6262
 Ion Ratio Lower Upper
 152 100
 150 158.1 121.0 181.4
 115 60.8 47.4 71.0

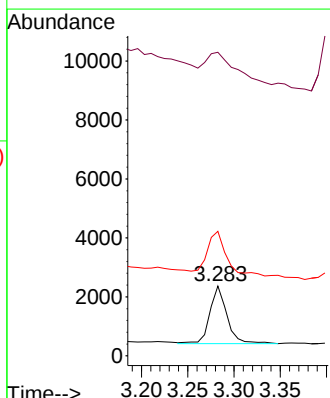
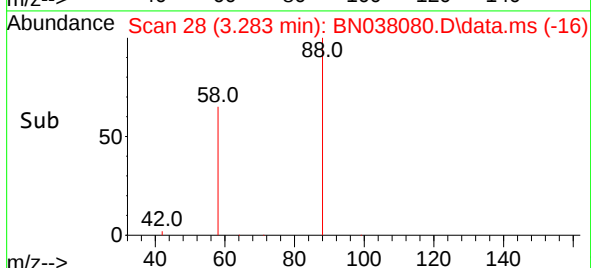
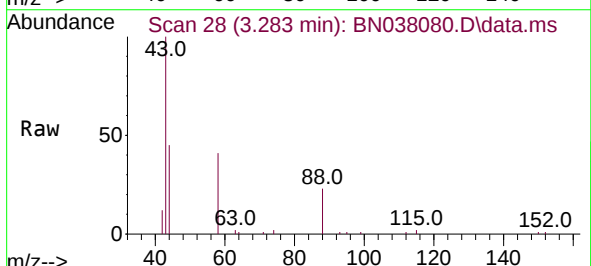
Manual Integrations
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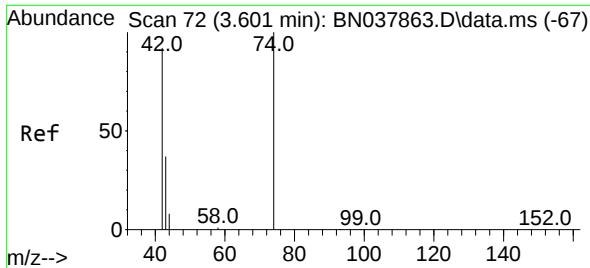
Reviewed By :Jagrut Upadhyay 10/14/2025
 Supervised By :mohammad ahmed 10/15/2025



#2
 1,4-Dioxane
 Concen: 0.394 ng
 RT: 3.283 min Scan# 28
 Delta R.T. -0.015 min
 Lab File: BN038080.D
 Acq: 13 Oct 2025 22:12

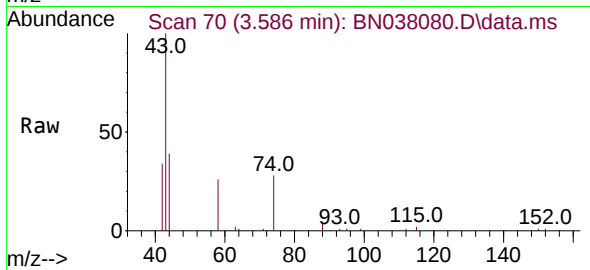
Tgt Ion: 88 Resp: 2503
 Ion Ratio Lower Upper
 88 100
 43 94.3 26.6 39.8#
 58 99.2 58.9 88.3#





#3
n-Nitrosodimethylamine
Concen: 0.393 ng
RT: 3.586 min Scan# 70
Delta R.T. -0.015 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

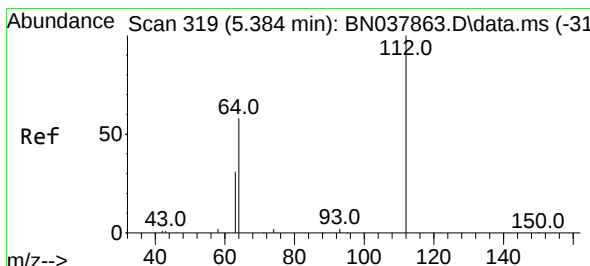
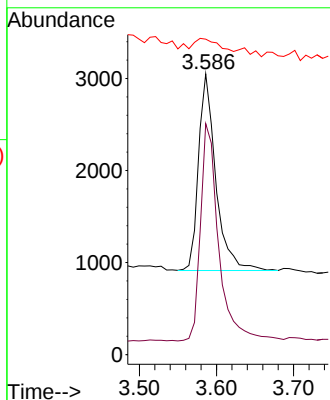
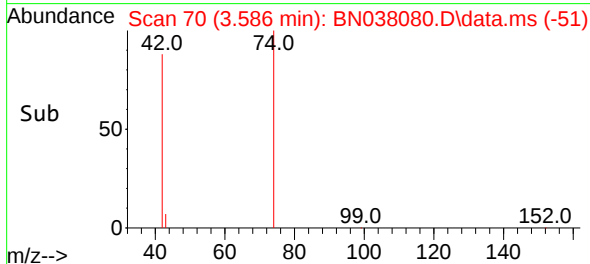
Instrument :
BNA_N
ClientSampleId :
PB170061BSD



Tgt Ion: 42 Resp: 332
Ion Ratio Lower Upper
42 100
74 116.2 93.4 140.0
44 8.3 22.2 33.4

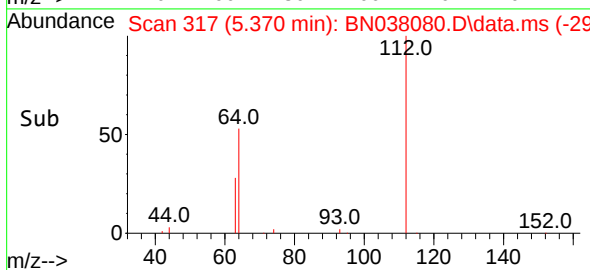
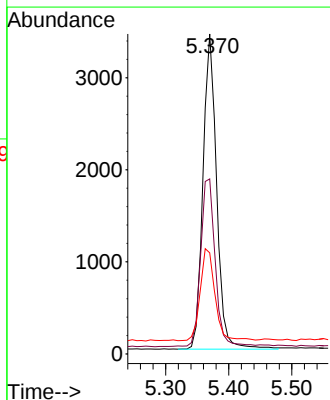
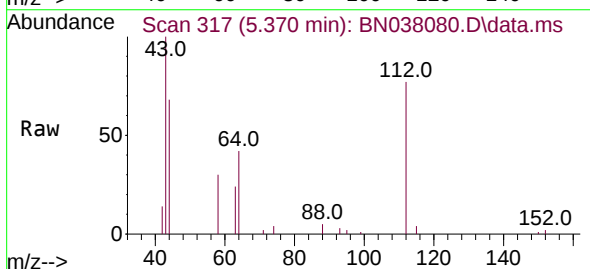
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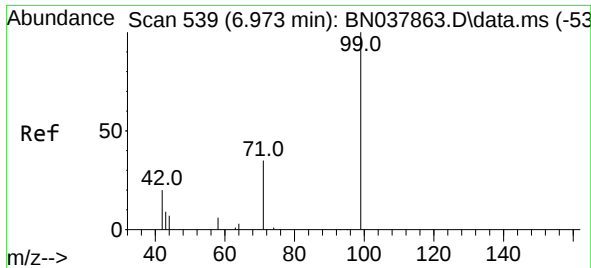
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/15/2025



#4
2-Fluorophenol
Concen: 0.360 ng
RT: 5.370 min Scan# 317
Delta R.T. -0.015 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

Tgt Ion:112 Resp: 5147
Ion Ratio Lower Upper
112 100
64 57.8 44.6 66.8
63 31.7 24.9 37.3





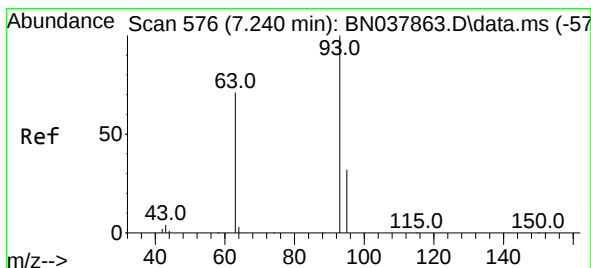
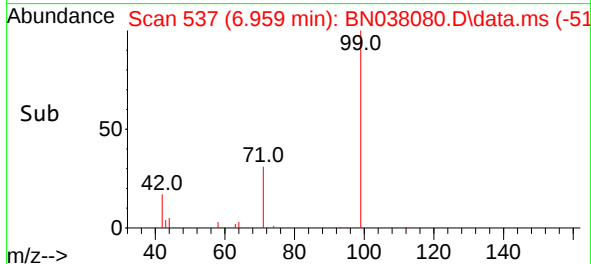
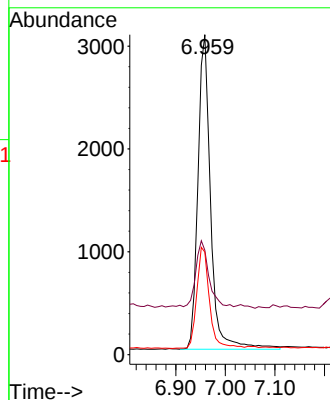
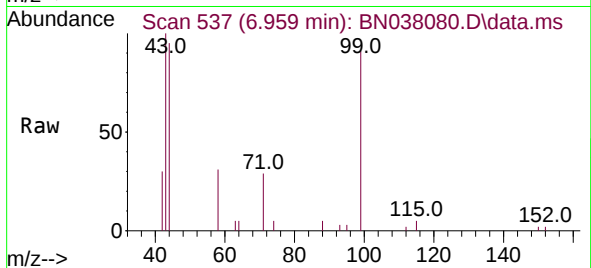
#5
Phenol-d6
Concen: 0.290 ng
RT: 6.959 min Scan# 531
Delta R.T. -0.015 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

Instrument :
BNA_N
ClientSampleId :
PB170061BSD

Tgt Ion:	99	Resp:	5448
Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.2	25.8
71	32.0	27.3	40.9

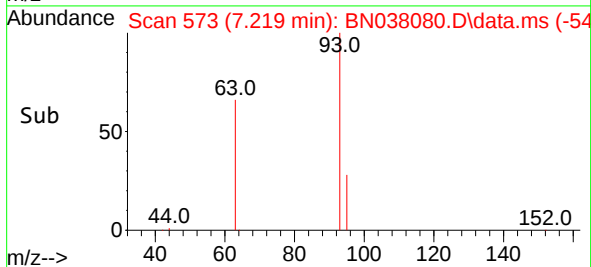
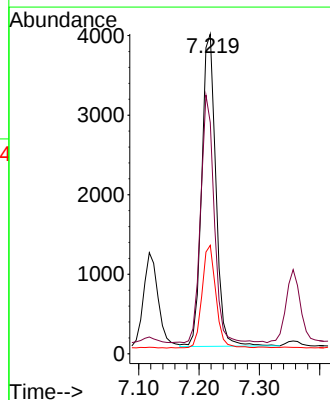
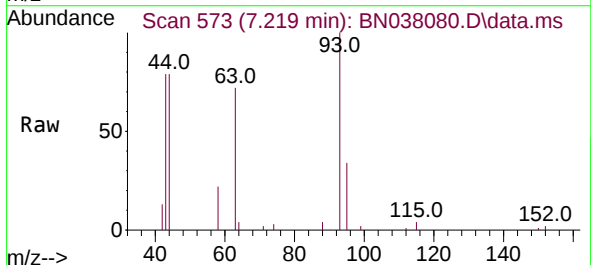
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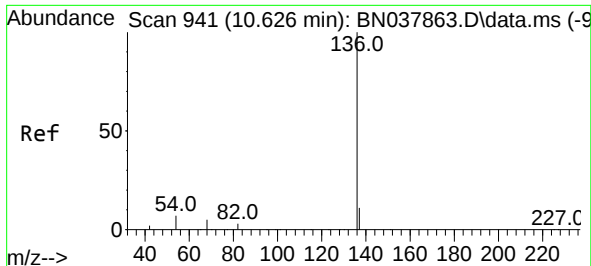
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/15/2025



#6
bis(2-Chloroethyl)ether
Concen: 0.365 ng
RT: 7.219 min Scan# 573
Delta R.T. -0.022 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

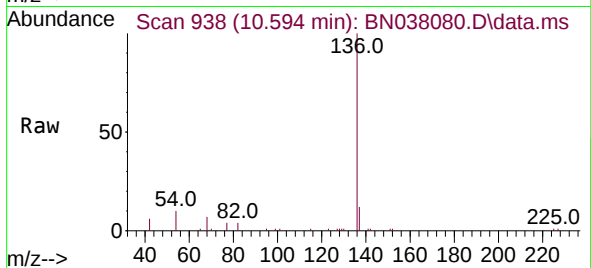
Tgt Ion:	93	Resp:	6370
Ion	Ratio	Lower	Upper
93	100		
63	76.6	60.1	90.1
95	32.4	25.4	38.2





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 941
Delta R.T. -0.032 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

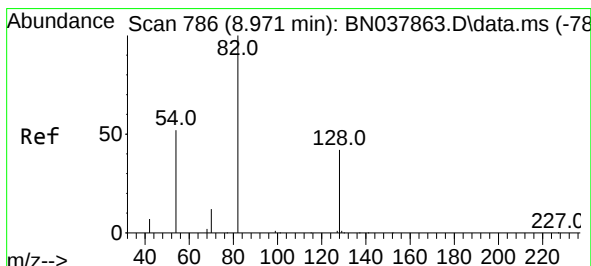
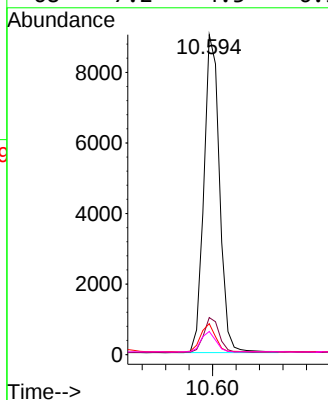
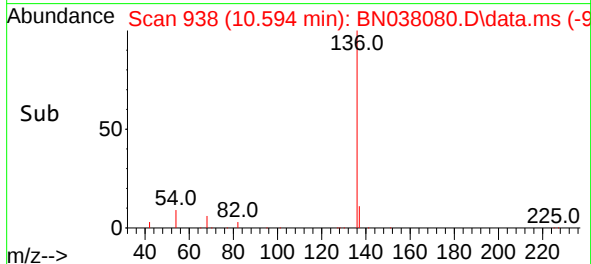
Instrument :
BNA_N
ClientSampleId :
PB170061BSD



Tgt Ion: 136 Resp: 16679
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 9.7 5.8 8.8
68 7.2 4.3 6.5

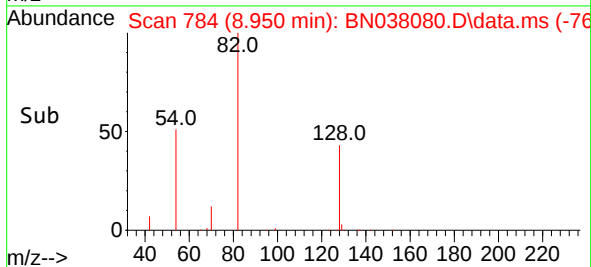
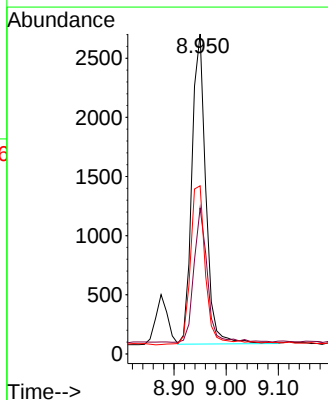
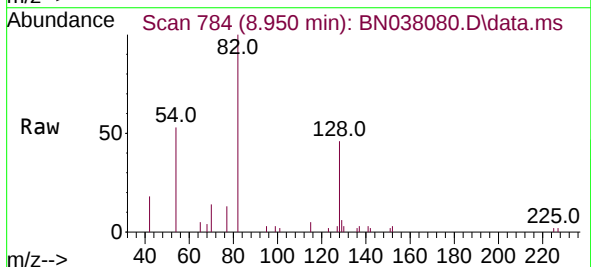
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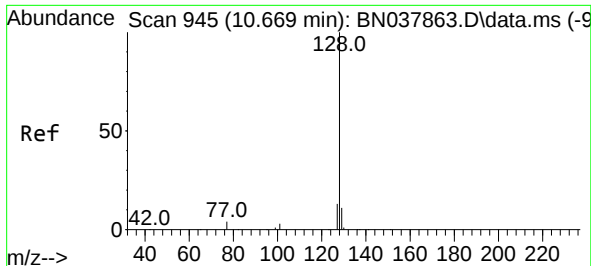
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/15/2025



#8
Nitrobenzene-d5
Concen: 0.382 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

Tgt Ion: 82 Resp: 4860
Ion Ratio Lower Upper
82 100
128 45.6 34.8 52.2
54 52.5 42.2 63.2





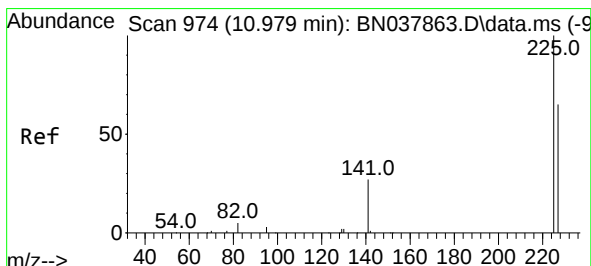
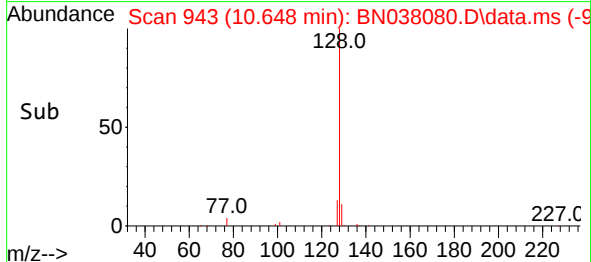
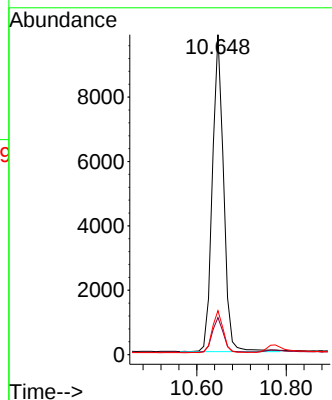
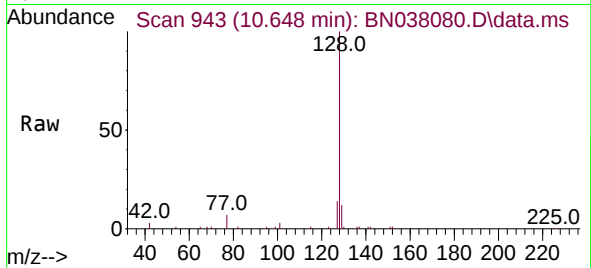
#9
Naphthalene
Concen: 0.376 ng
RT: 10.648 min Scan# 945
Delta R.T. -0.021 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

Instrument :
BNA_N
ClientSampleId :
PB170061BSD

Tgt Ion:128 Resp: 17270
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.7 11.0 16.6

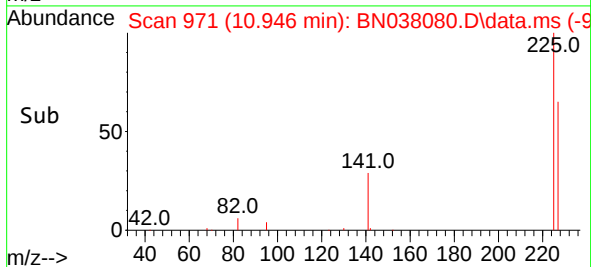
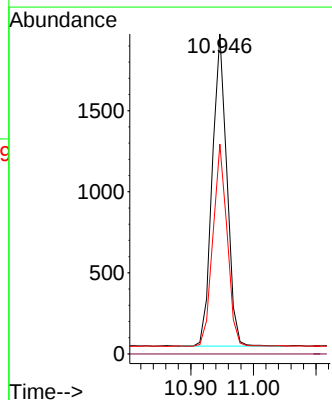
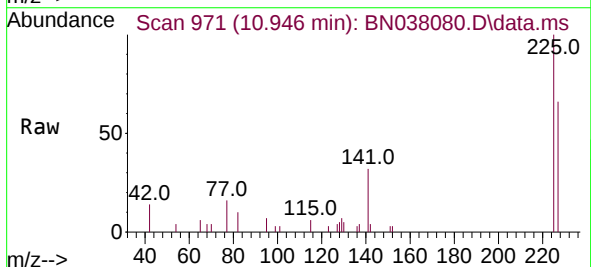
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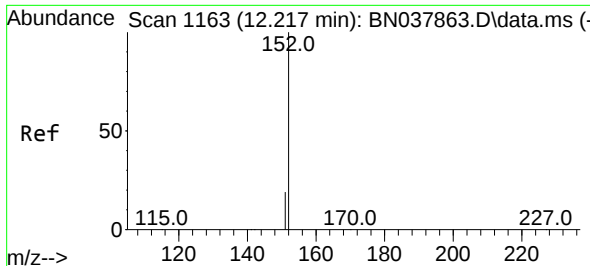
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/15/2025



#10
Hexachlorobutadiene
Concen: 0.399 ng
RT: 10.946 min Scan# 971
Delta R.T. -0.032 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

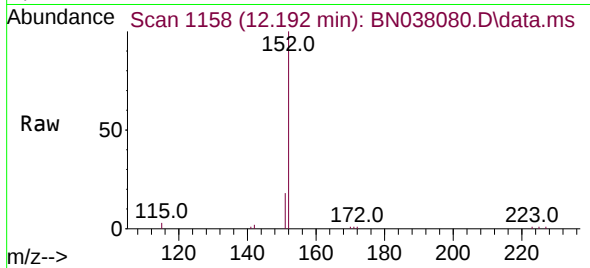
Tgt Ion:225 Resp: 3127
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.4 51.4 77.2





#11
2-Methylnaphthalene-d10
Concen: 0.393 ng m
RT: 12.192 min Scan# 1163
Delta R.T. -0.025 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

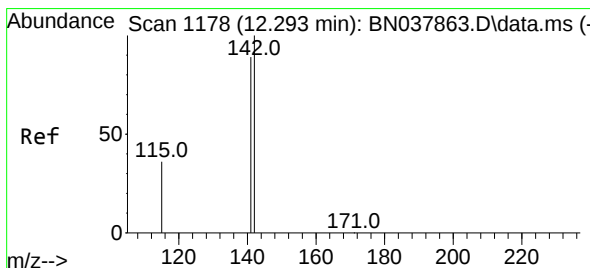
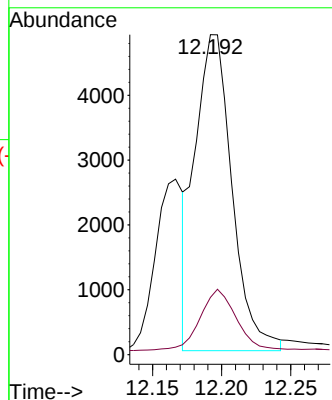
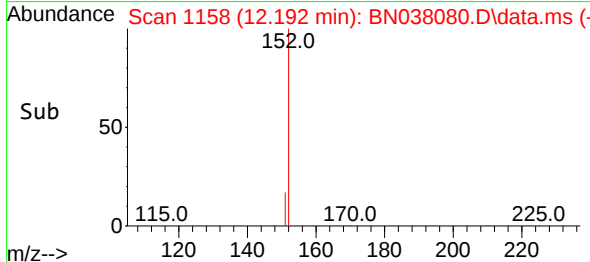
Instrument :
BNA_N
ClientSampleId :
PB170061BSD



Tgt Ion:152 Resp: 9100
Ion Ratio Lower Upper
152 100
151 19.2 17.4 26.2

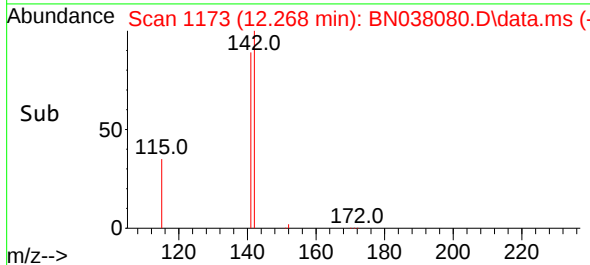
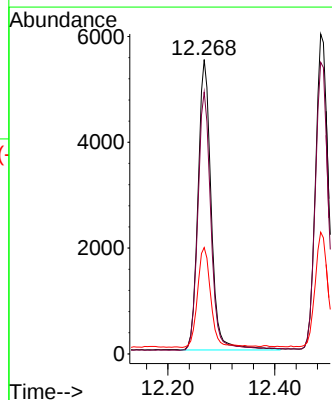
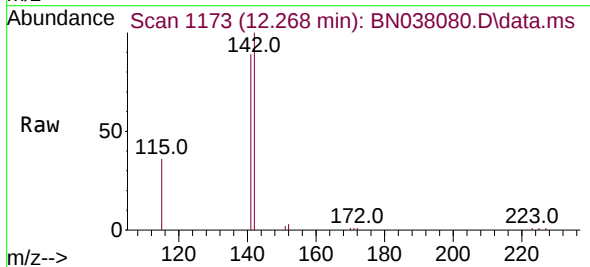
Manual Integrations
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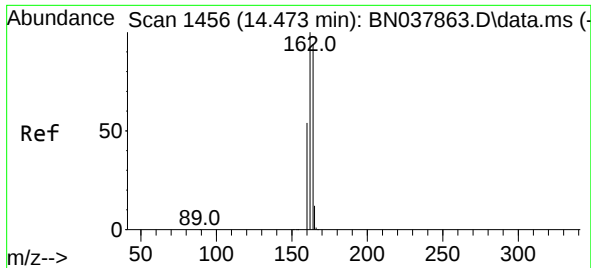
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/15/2025



#12
2-Methylnaphthalene
Concen: 0.311 ng
RT: 12.268 min Scan# 1173
Delta R.T. -0.025 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

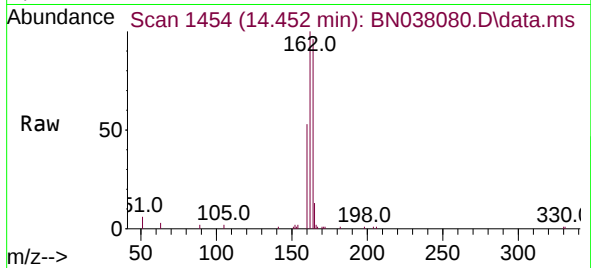
Tgt Ion:142 Resp: 9323
Ion Ratio Lower Upper
142 100
141 88.9 71.2 106.8
115 36.1 29.7 44.5





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 1456
Delta R.T. -0.022 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

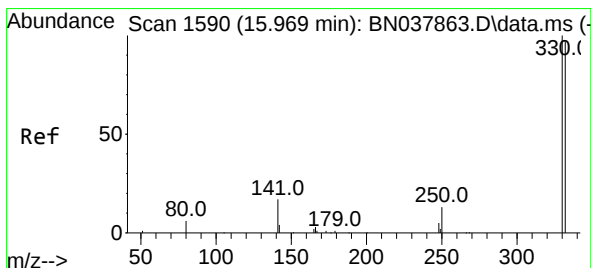
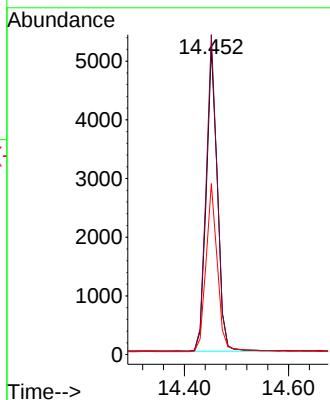
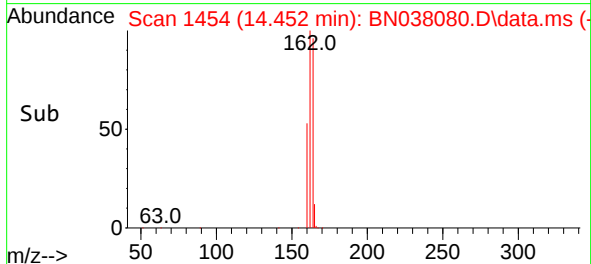
Instrument :
BNA_N
ClientSampleId :
PB170061BSD



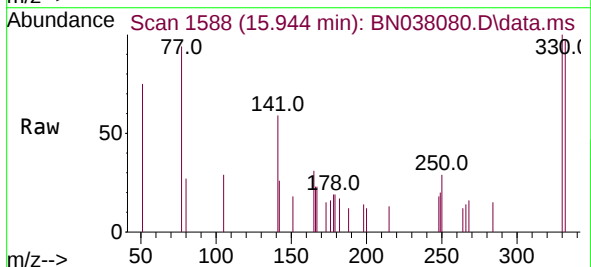
Tgt Ion:164 Resp: 7730
Ion Ratio Lower Upper
164 100
162 104.2 84.8 127.2
160 55.7 46.1 69.1

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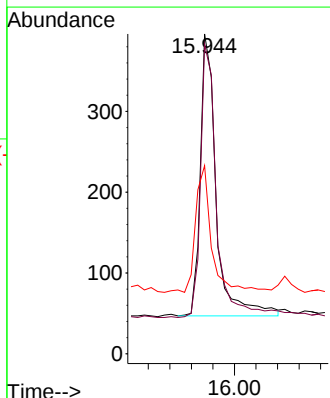
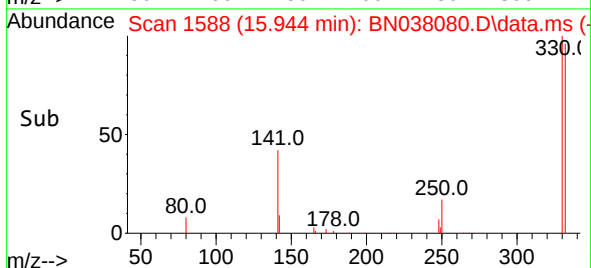
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/15/2025

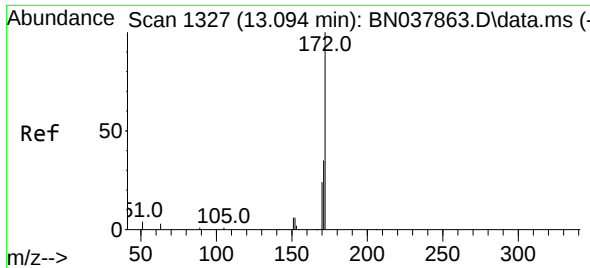


#14
2,4,6-Tribromophenol
Concen: 0.243 ng
RT: 15.944 min Scan# 1588
Delta R.T. -0.025 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12



Tgt Ion:330 Resp: 713
Ion Ratio Lower Upper
330 100
332 98.9 77.2 115.8
141 45.7 37.2 55.8





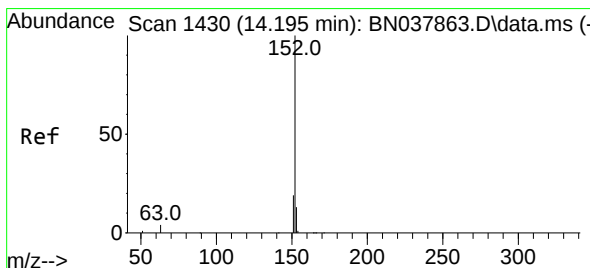
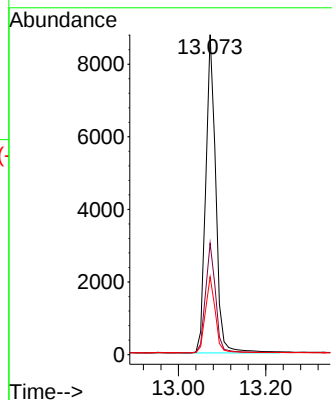
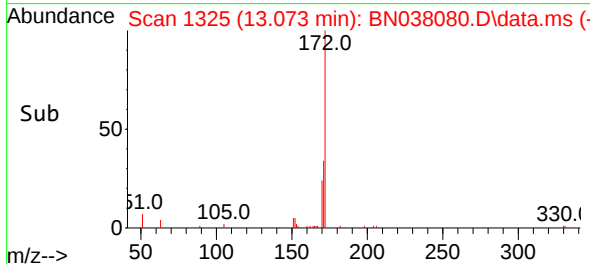
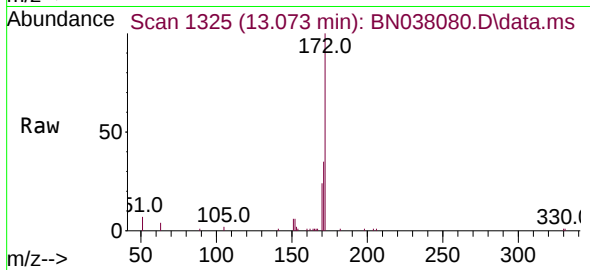
#15
2-Fluorobiphenyl
Concen: 0.431 ng
RT: 13.073 min Scan# 1327
Delta R.T. -0.021 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

Instrument :
BNA_N
ClientSampleId :
PB170061BSD

Tgt Ion:172 Resp: 13629
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 24.4 19.7 29.5

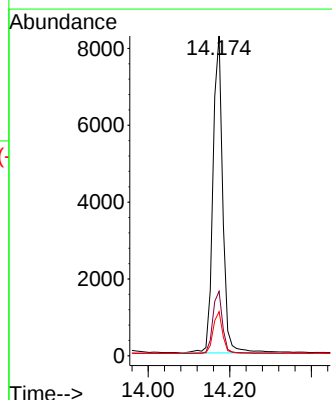
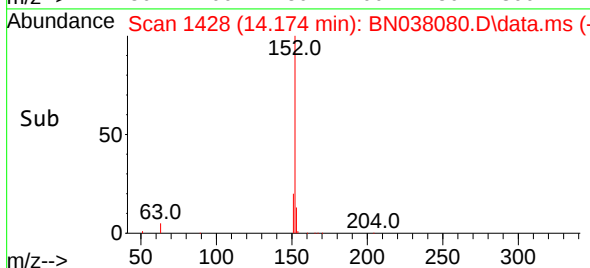
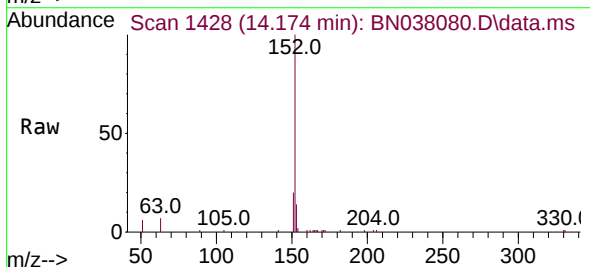
Manual Integrations
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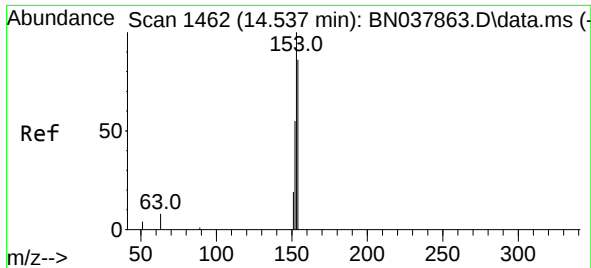
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/15/2025



#16
Acenaphthylene
Concen: 0.394 ng
RT: 14.174 min Scan# 1428
Delta R.T. -0.021 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

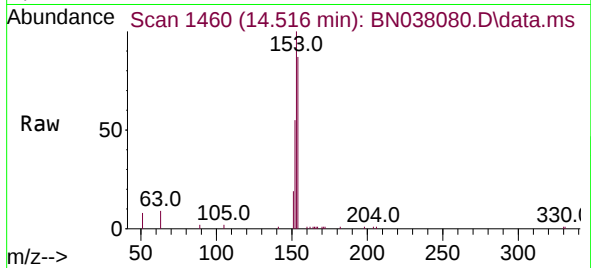
Tgt Ion:152 Resp: 13833
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 12.9 10.5 15.7





#17
Acenaphthene
Concen: 0.349 ng
RT: 14.516 min Scan# 1460
Delta R.T. -0.021 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

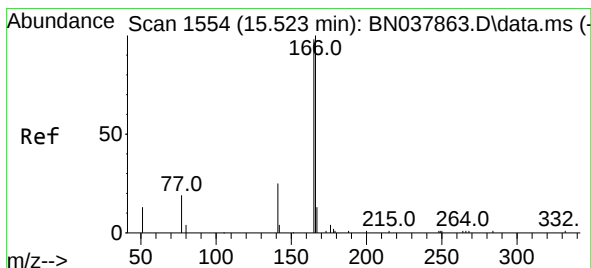
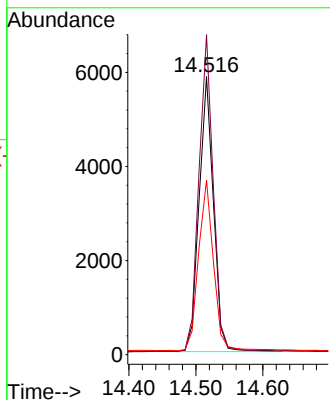
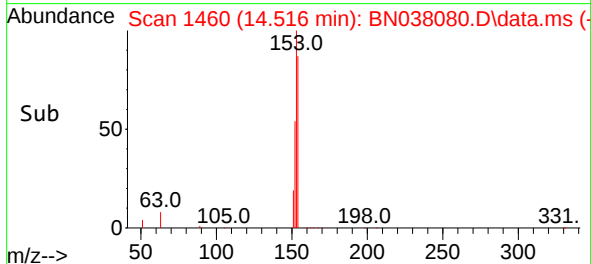
Instrument :
BNA_N
ClientSampleId :
PB170061BSD



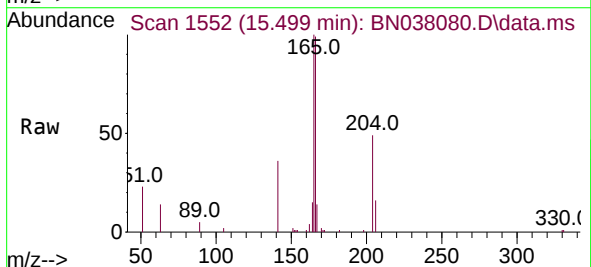
Tgt Ion:154 Resp: 8723
Ion Ratio Lower Upper
154 100
153 115.2 90.5 135.7
152 64.5 51.8 77.8

Manual Integrations
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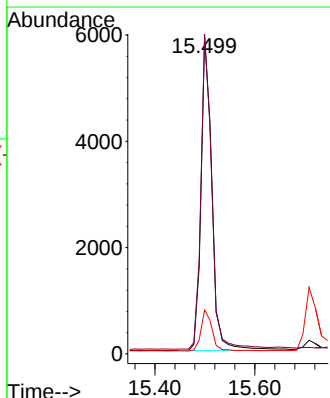
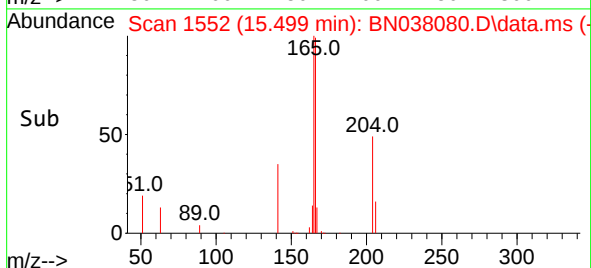
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/15/2025

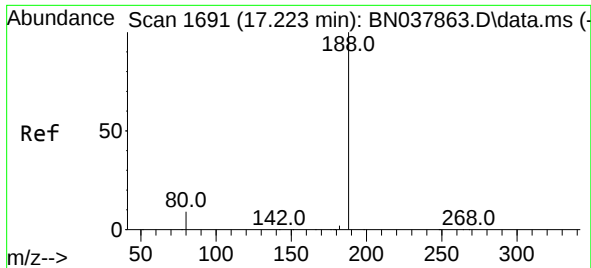


#18
Fluorene
Concen: 0.313 ng
RT: 15.499 min Scan# 1552
Delta R.T. -0.023 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12



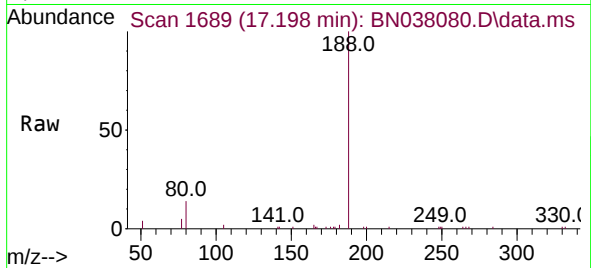
Tgt Ion:166 Resp: 9464
Ion Ratio Lower Upper
166 100
165 99.0 79.0 118.4
167 13.2 10.6 16.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.198 min Scan# 1689
Delta R.T. -0.025 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

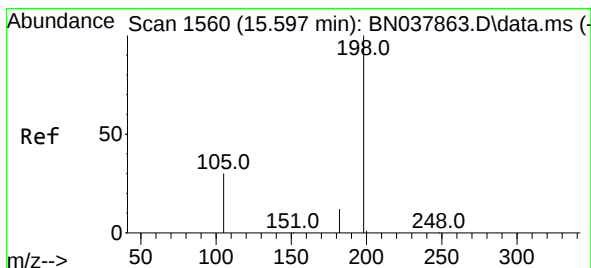
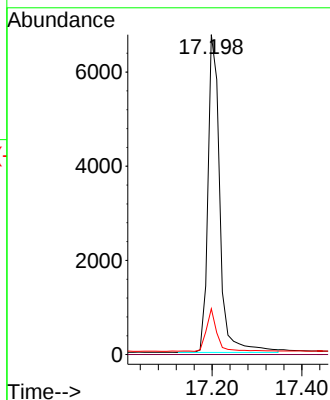
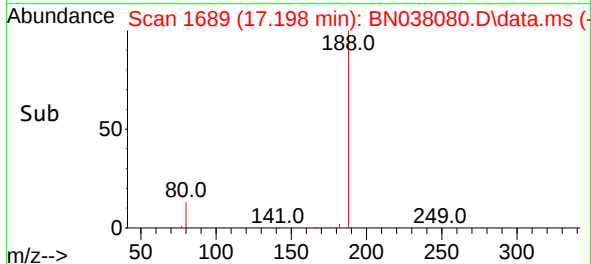
Instrument :
BNA_N
ClientSampleId :
PB170061BSD



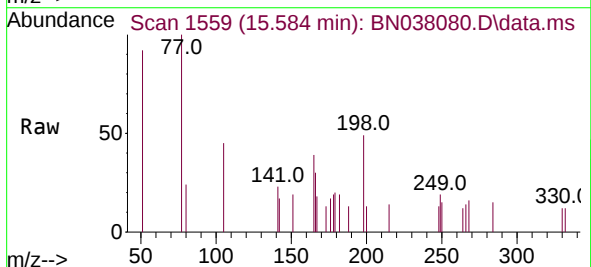
Tgt Ion:188 Resp: 12472
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.3 7.6 11.4

Manual Integrations
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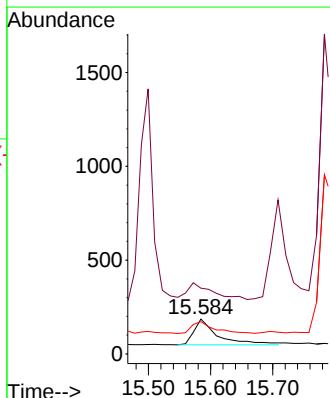
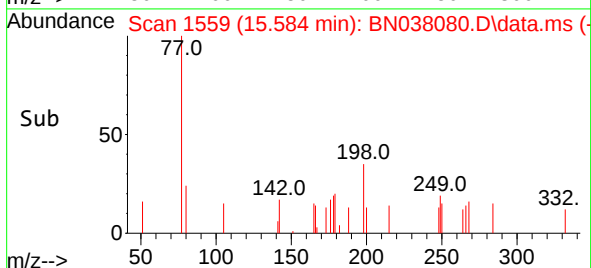
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/15/2025

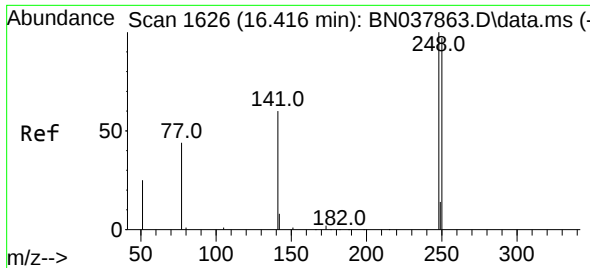


#20
4,6-Dinitro-2-methylphenol
Concen: 0.302 ng
RT: 15.584 min Scan# 1559
Delta R.T. -0.013 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12



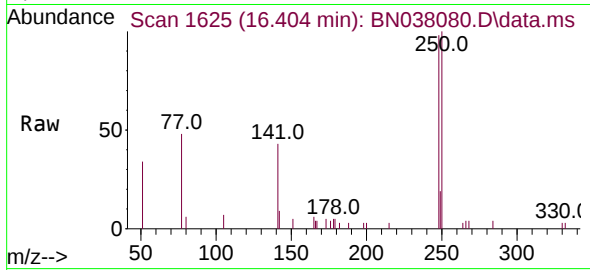
Tgt Ion:198 Resp: 372
Ion Ratio Lower Upper
198 100
51 188.2 59.1 88.7#
105 92.5 41.3 61.9#





#21
4-Bromophenyl-phenylether
Concen: 0.353 ng
RT: 16.404 min Scan# 1625
Delta R.T. -0.013 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

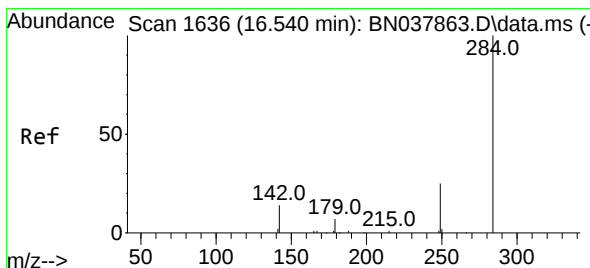
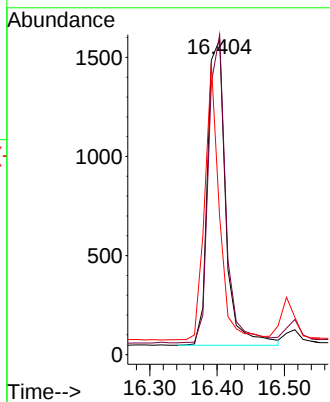
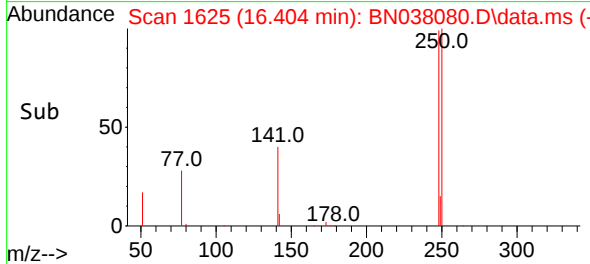
Instrument :
BNA_N
ClientSampleId :
PB170061BSD



Tgt Ion:248 Resp: 2873
Ion Ratio Lower Upper
248 100
250 101.6 77.6 116.4
141 43.8 48.8 73.2

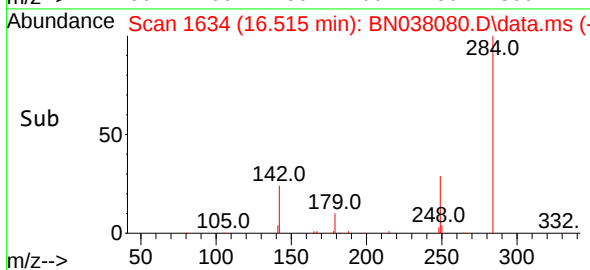
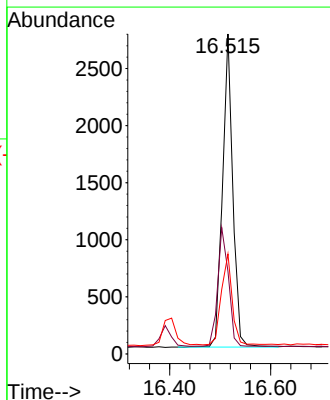
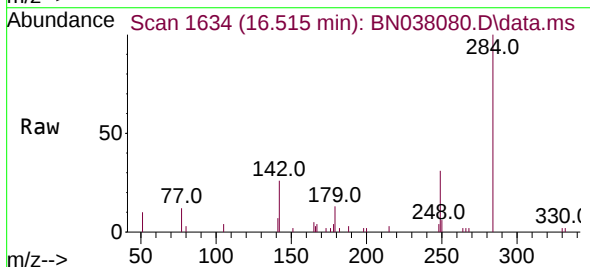
Manual Integrations
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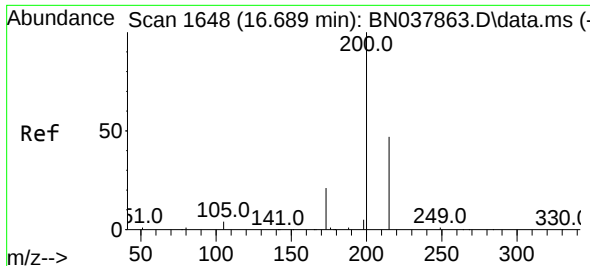
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/15/2025



#22
Hexachlorobenzene
Concen: 0.394 ng
RT: 16.515 min Scan# 1634
Delta R.T. -0.025 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

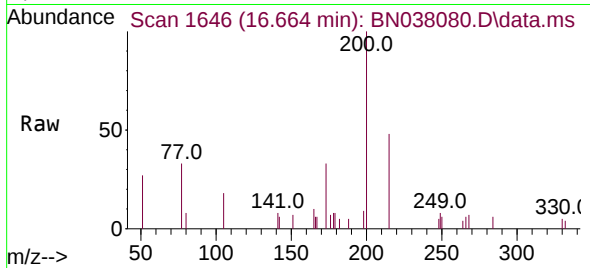
Tgt Ion:284 Resp: 3885
Ion Ratio Lower Upper
284 100
142 40.2 30.9 46.3
249 30.8 23.9 35.9





#23
 Atrazine
 Concen: 0.284 ng
 RT: 16.664 min Scan# 1646
 Delta R.T. -0.025 min
 Lab File: BN038080.D
 Acq: 13 Oct 2025 22:12

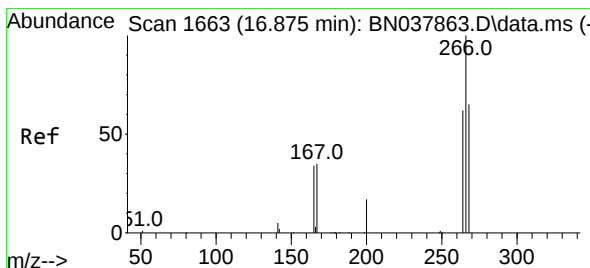
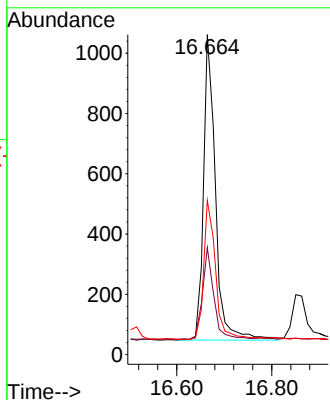
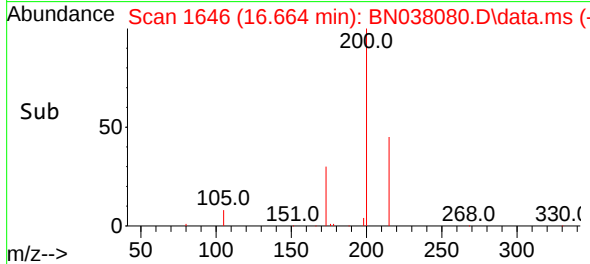
Instrument :
 BNA_N
 ClientSampleId :
 PB170061BSD



Tgt Ion:200 Resp: 1760
 Ion Ratio Lower Upper
 200 100
 173 33.4 18.3 27.5
 215 48.2 38.6 58.0

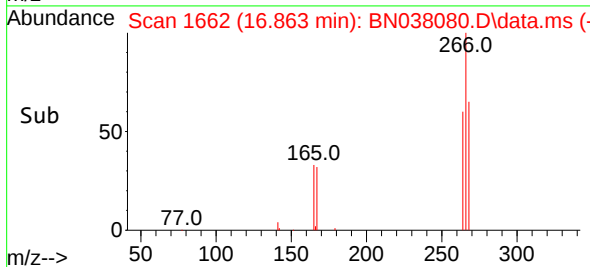
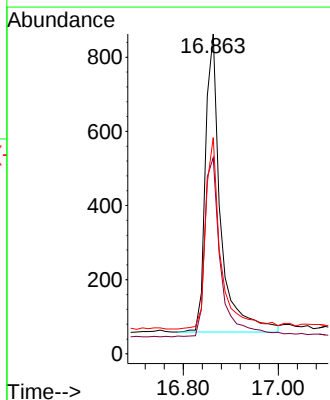
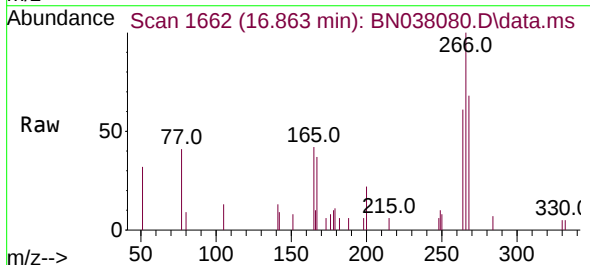
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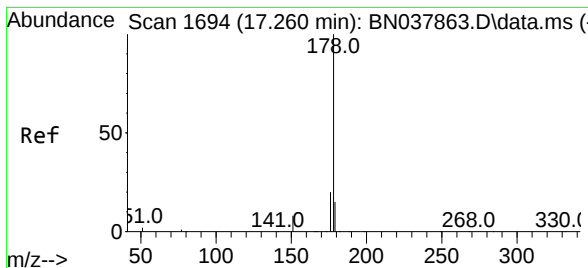
Reviewed By :Jagrut Upadhyay 10/14/2025
 Supervised By :mohammad ahmed 10/15/2025



#24
 Pentachlorophenol
 Concen: 0.527 ng
 RT: 16.863 min Scan# 1662
 Delta R.T. -0.012 min
 Lab File: BN038080.D
 Acq: 13 Oct 2025 22:12

Tgt Ion:266 Resp: 1783
 Ion Ratio Lower Upper
 266 100
 264 63.5 50.9 76.3
 268 63.9 54.3 81.5





#25

Phenanthrene

Concen: 0.348 ng

RT: 17.248 min Scan# 1694

Delta R.T. -0.013 min

Lab File: BN038080.D

Acq: 13 Oct 2025 22:12

Instrument :

BNA_N

ClientSampleId :

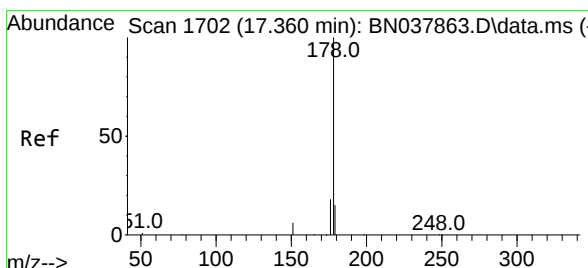
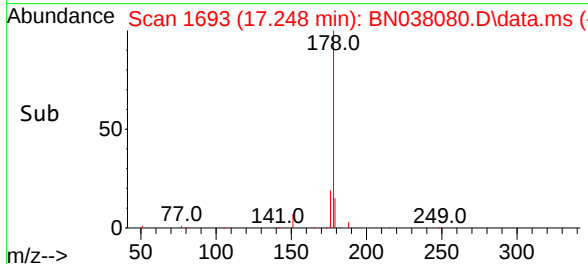
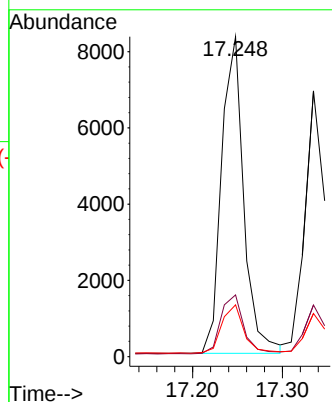
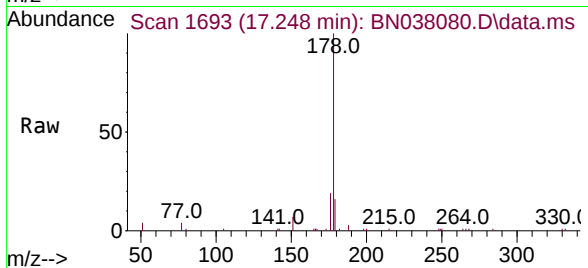
PB170061BSD

Tgt Ion:	178	Resp:	14265
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.7	23.5
179	15.5	12.3	18.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/15/2025



#26

Anthracene

Concen: 0.349 ng

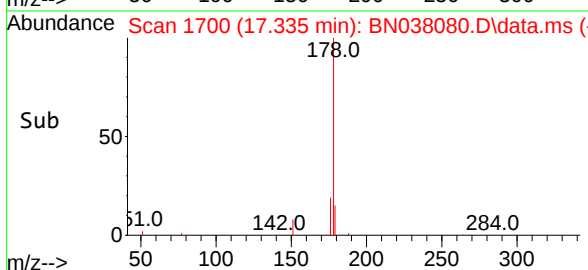
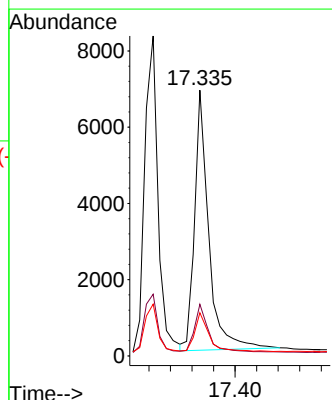
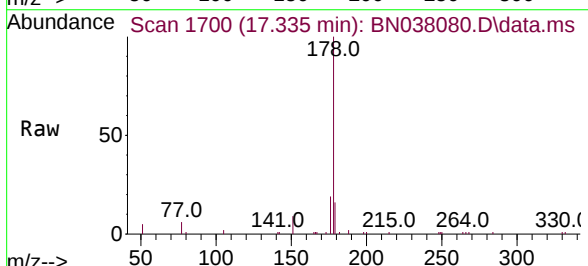
RT: 17.335 min Scan# 1700

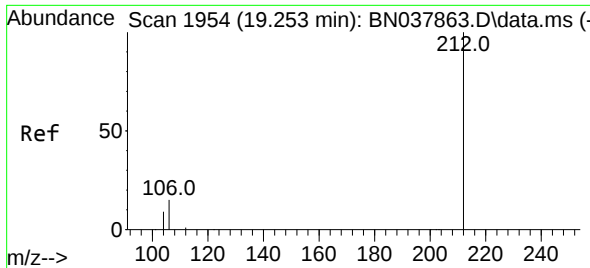
Delta R.T. -0.025 min

Lab File: BN038080.D

Acq: 13 Oct 2025 22:12

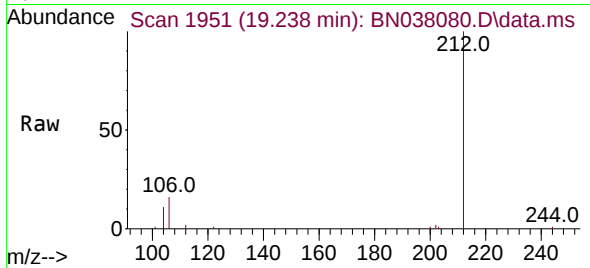
Tgt Ion:	178	Resp:	12414
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.0	22.4
179	15.3	12.3	18.5





#27
Fluoranthene-d10
Concen: 0.327 ng
RT: 19.238 min Scan# 1954
Delta R.T. -0.014 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

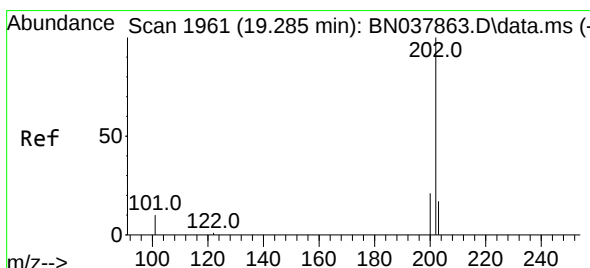
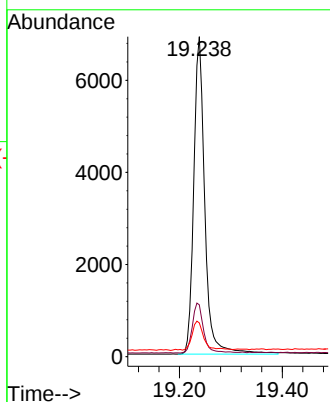
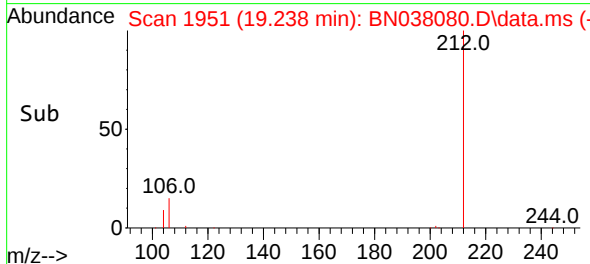
Instrument :
BNA_N
ClientSampleId :
PB170061BSD



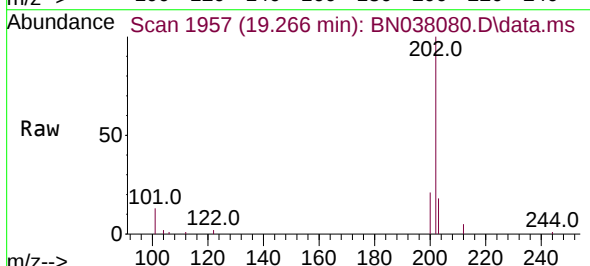
Tgt Ion:212 Resp: 10274
Ion Ratio Lower Upper
212 100
106 15.8 12.6 19.0
104 9.6 7.4 11.0

Manual Integrations
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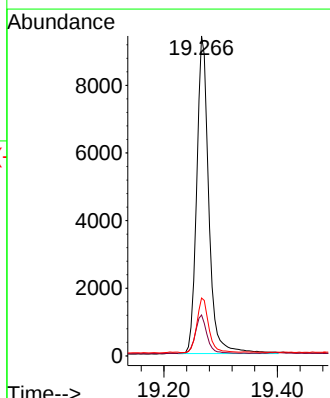
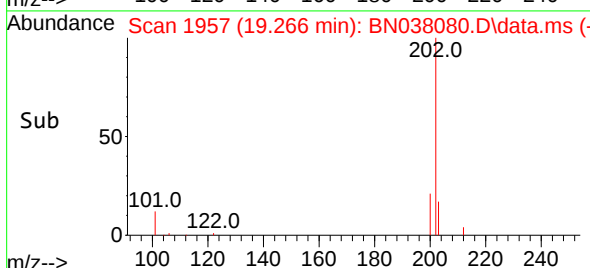
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/15/2025

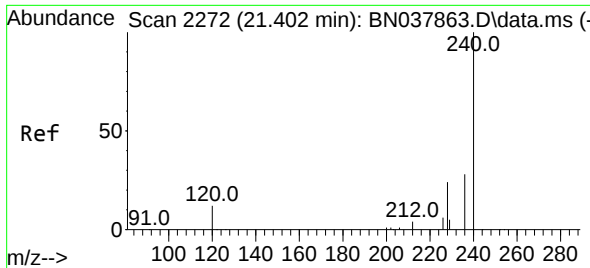


#28
Fluoranthene
Concen: 0.306 ng
RT: 19.266 min Scan# 1957
Delta R.T. -0.019 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12



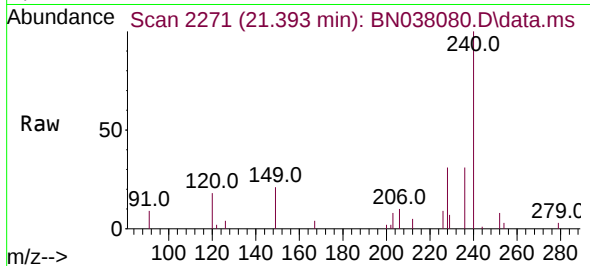
Tgt Ion:202 Resp: 13851
Ion Ratio Lower Upper
202 100
101 11.8 9.3 13.9
203 16.9 13.6 20.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

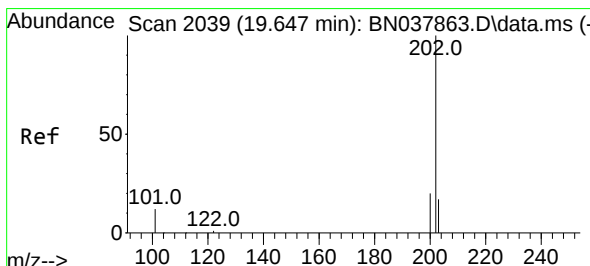
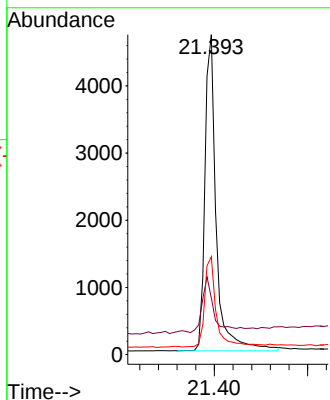
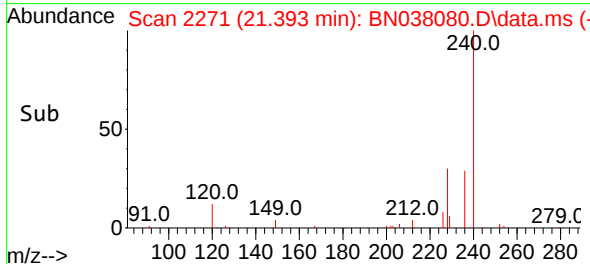
Instrument :
BNA_N
ClientSampleId :
PB170061BSD



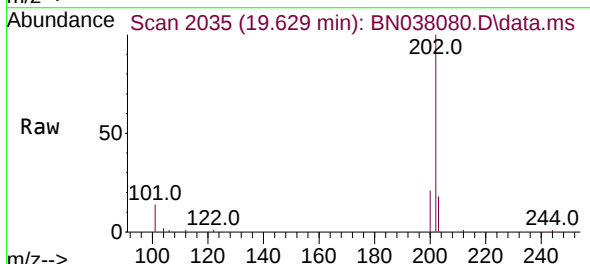
Tgt Ion:240 Resp: 7875
Ion Ratio Lower Upper
240 100
120 17.7 11.4 17.2
236 30.6 23.0 34.6

Manual Integrations
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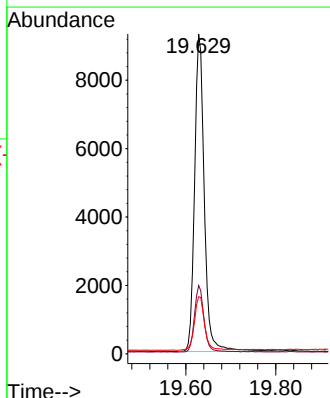
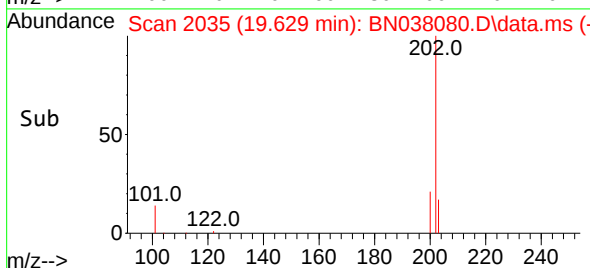
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/15/2025

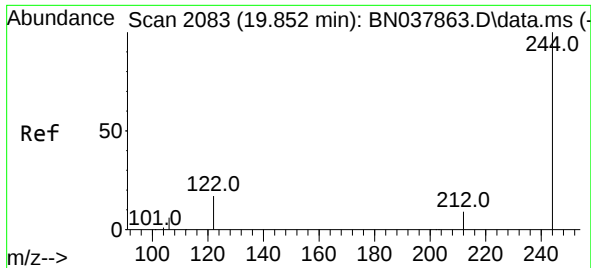


#30
Pyrene
Concen: 0.448 ng
RT: 19.629 min Scan# 2035
Delta R.T. -0.019 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12



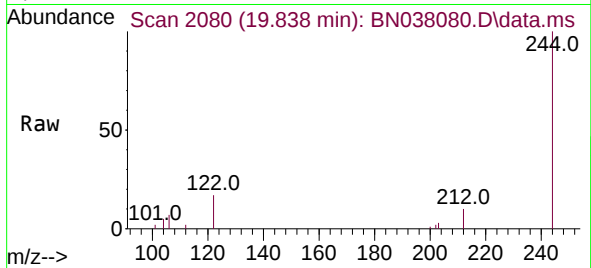
Tgt Ion:202 Resp: 13920
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 17.6 14.2 21.4





#31
Terphenyl-d14
Concen: 0.492 ng
RT: 19.838 min Scan# 2083
Delta R.T. -0.014 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

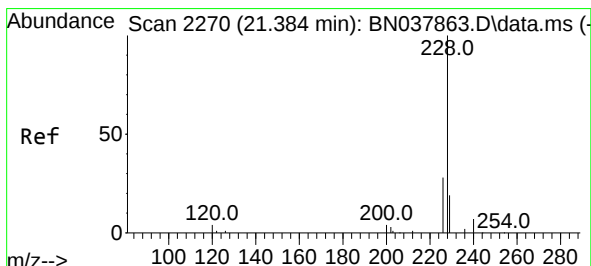
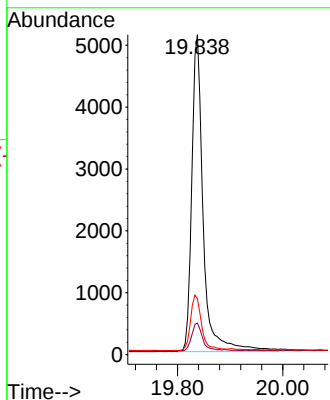
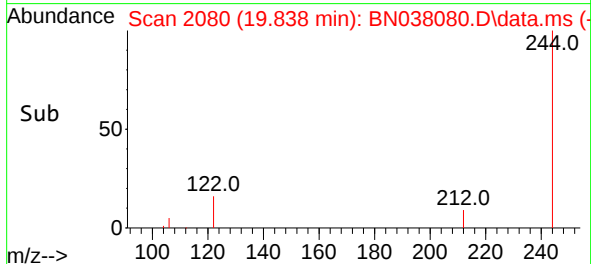
Instrument :
BNA_N
ClientSampleId :
PB170061BSD



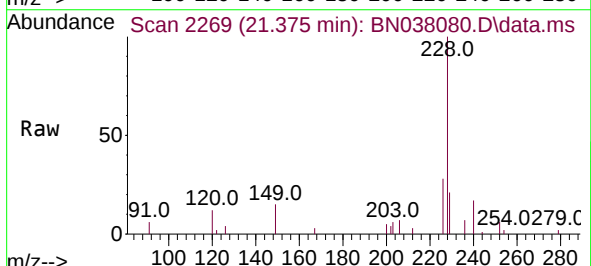
Tgt Ion:244 Resp: 7725
Ion Ratio Lower Upper
244 100
212 9.9 7.6 11.4
122 17.5 13.9 20.9

Manual Integrations
APPROVED

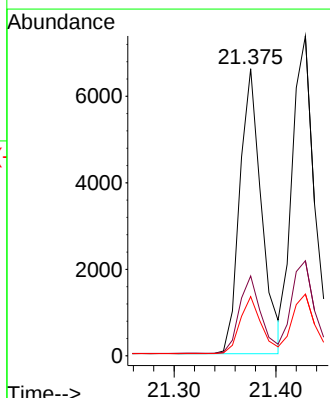
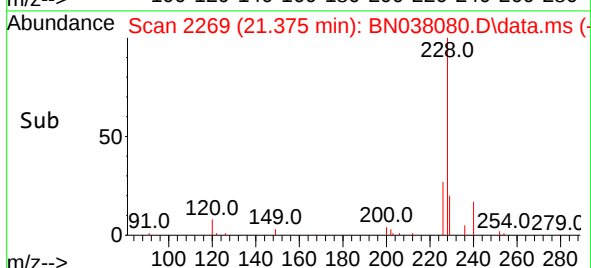
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/15/2025

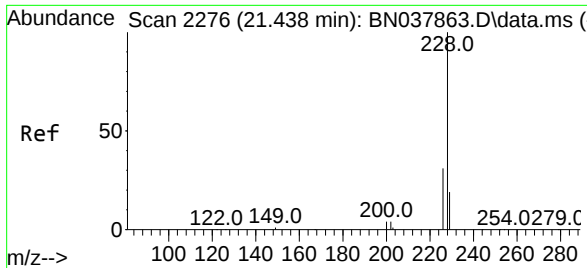


#32
Benzo(a)anthracene
Concen: 0.356 ng
RT: 21.375 min Scan# 2269
Delta R.T. -0.009 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12



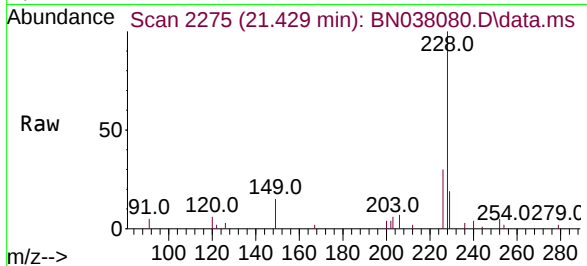
Tgt Ion:228 Resp: 9792
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 20.6 15.6 23.4





#33
Chrysene
Concen: 0.413 ng
RT: 21.429 min Scan# 21429
Delta R.T. -0.009 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

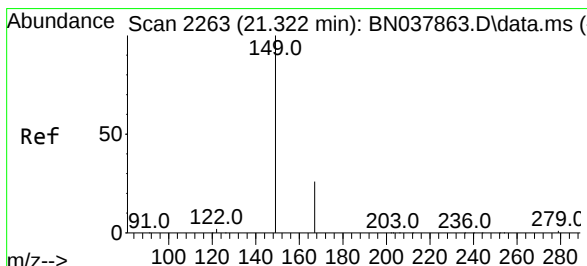
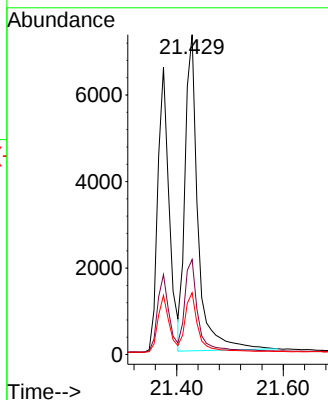
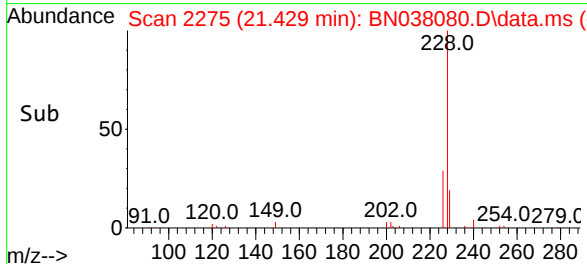
Instrument :
BNA_N
ClientSampleId :
PB170061BSD



Tgt Ion:228 Resp: 12300
Ion Ratio Lower Upper
228 100
226 29.7 24.6 37.0
229 19.3 15.6 23.4

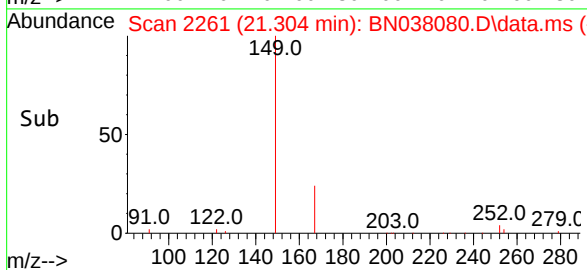
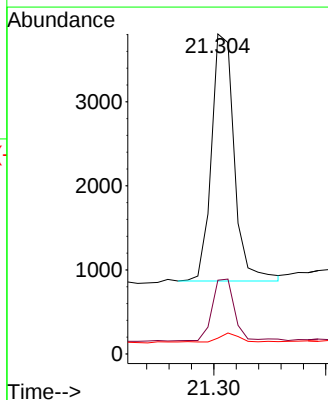
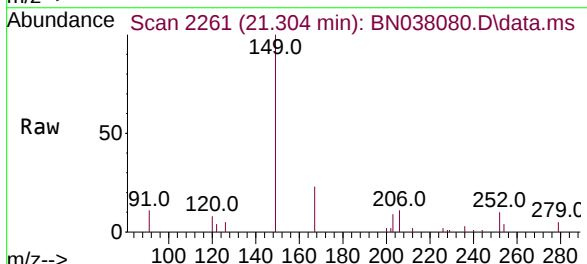
Manual Integrations
APPROVED

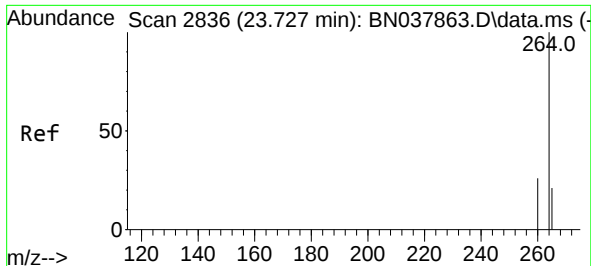
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/15/2025



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.382 ng
RT: 21.304 min Scan# 2261
Delta R.T. -0.018 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

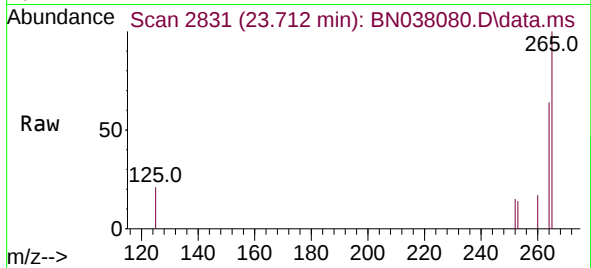
Tgt Ion:149 Resp: 4156
Ion Ratio Lower Upper
149 100
167 25.0 20.4 30.6
279 2.8 2.4 3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.712 min Scan# 2831
Delta R.T. -0.015 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

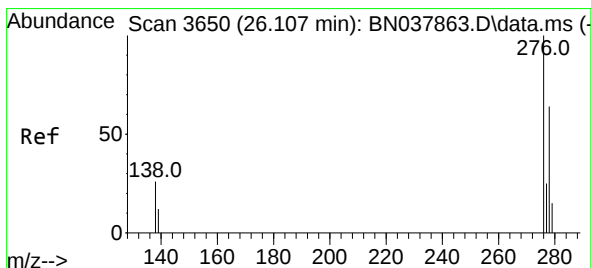
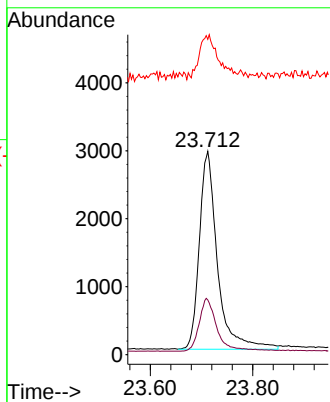
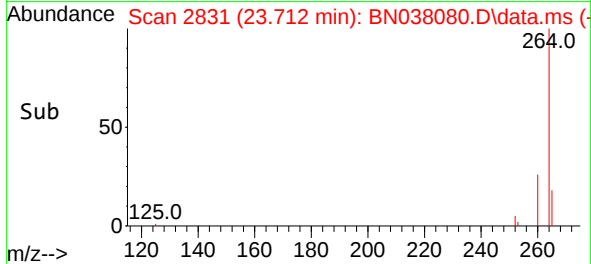
Instrument :
BNA_N
ClientSampleId :
PB170061BSD



Tgt Ion:264 Resp: 7156
Ion Ratio Lower Upper
264 100
260 26.9 21.5 32.3
265 155.1 53.8 80.6

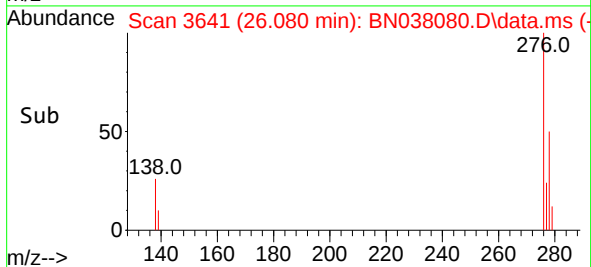
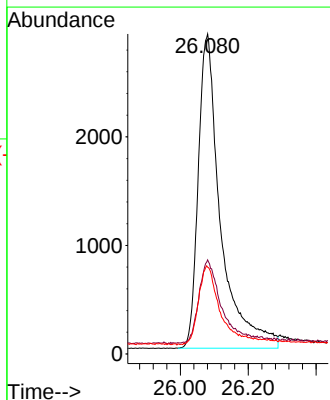
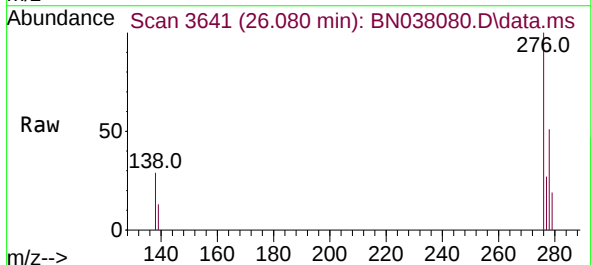
Manual Integrations
APPROVED

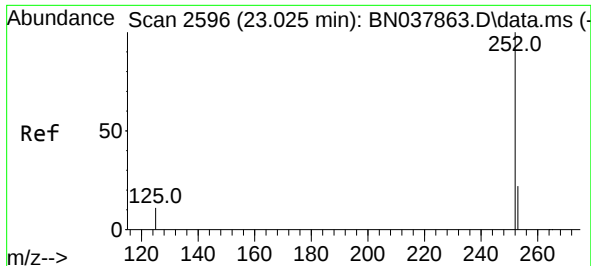
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/15/2025



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.404 ng
RT: 26.080 min Scan# 3641
Delta R.T. -0.026 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

Tgt Ion:276 Resp: 13218
Ion Ratio Lower Upper
276 100
138 26.3 21.4 32.0
277 24.1 20.3 30.5





#37

Benzo(b)fluoranthene

Concen: 0.342 ng

RT: 23.008 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN038080.D

Acq: 13 Oct 2025 22:12

Instrument :

BN037863.D

ClientSampleId :

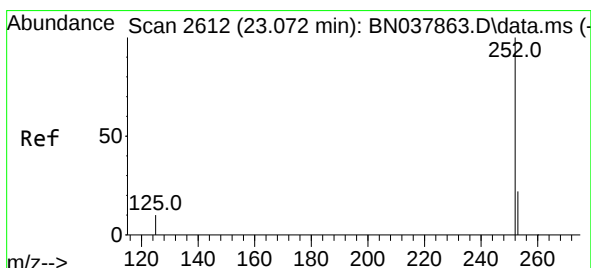
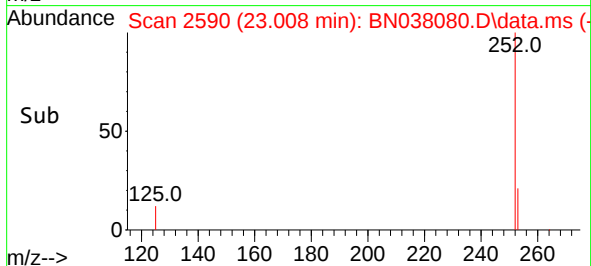
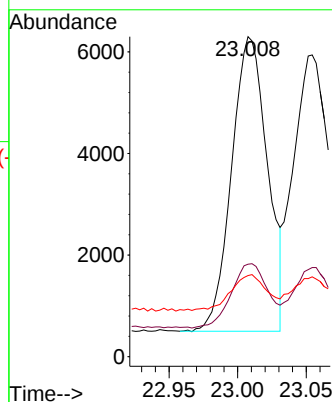
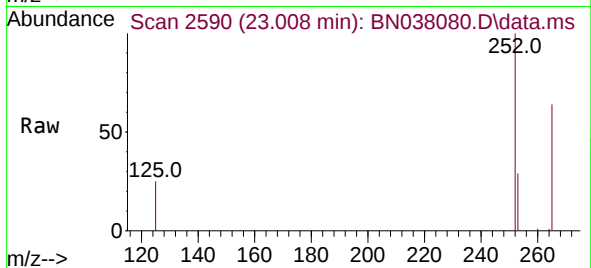
PB170061BSD

Tgt Ion:252	Resp:	10553
Ion Ratio	Lower	Upper
252	100	
253	28.9	19.4 29.0
125	25.3	13.0 19.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/15/2025



#38

Benzo(k)fluoranthene

Concen: 0.359 ng

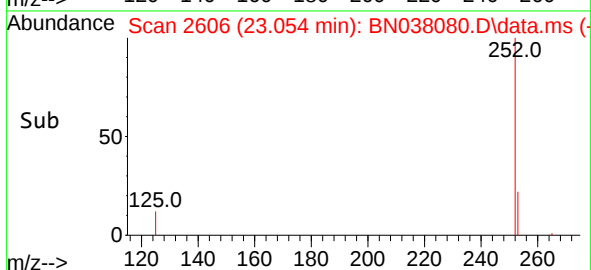
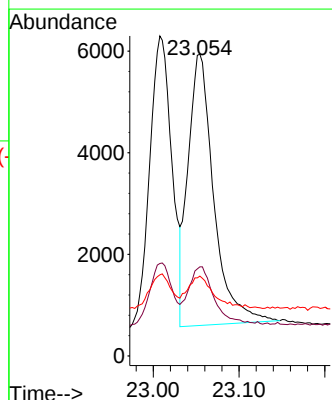
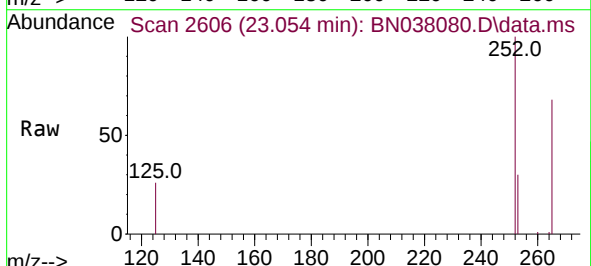
RT: 23.054 min Scan# 2606

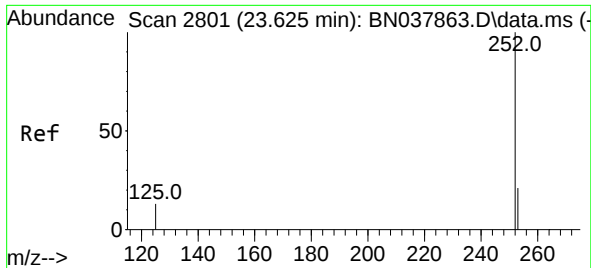
Delta R.T. -0.018 min

Lab File: BN038080.D

Acq: 13 Oct 2025 22:12

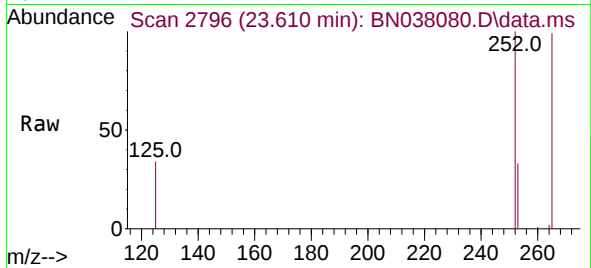
Tgt Ion:252	Resp:	11141
Ion Ratio	Lower	Upper
252	100	
253	29.5	19.5 29.3#
125	26.5	13.0 19.4#





#39
Benzo(a)pyrene
Concen: 0.376 ng
RT: 23.610 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

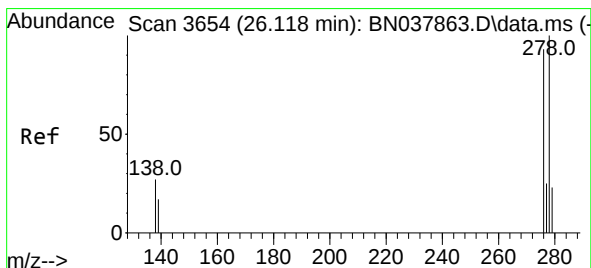
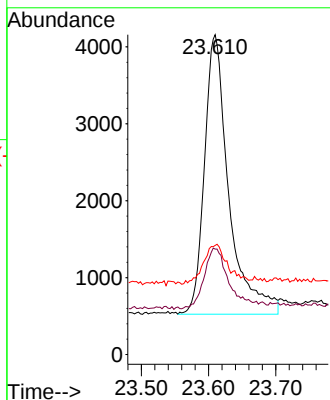
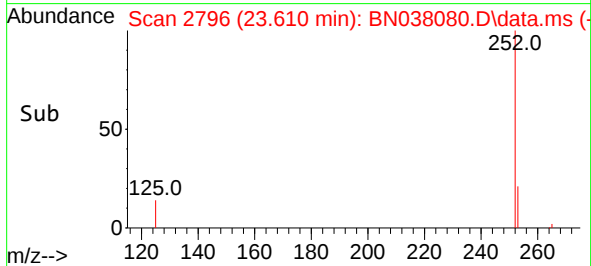
Instrument :
BNA_N
ClientSampleId :
PB170061BSD



Tgt Ion:252 Resp: 9170
Ion Ratio Lower Upper
252 100
253 33.0 20.6 30.8
125 34.1 16.7 25.1

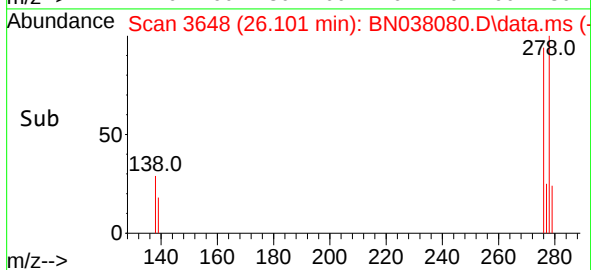
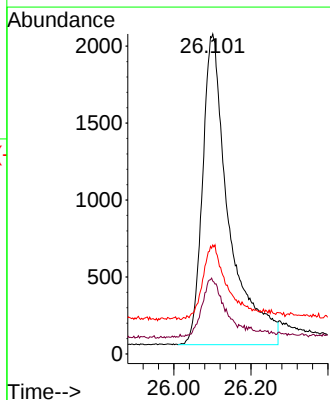
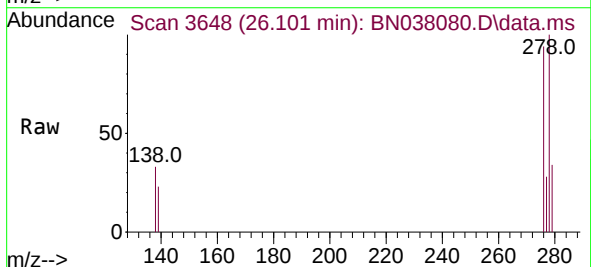
Manual Integrations
APPROVED

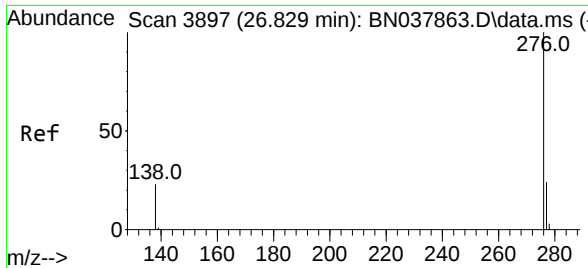
Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/15/2025



#40
Dibenzo(a,h)anthracene
Concen: 0.374 ng
RT: 26.101 min Scan# 3648
Delta R.T. -0.018 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

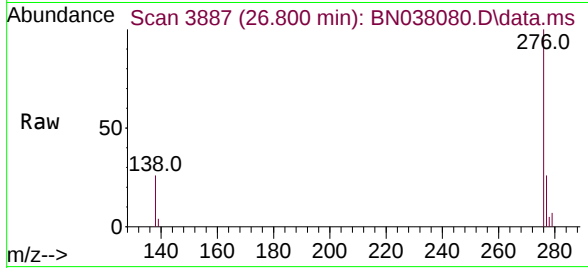
Tgt Ion:278 Resp: 9559
Ion Ratio Lower Upper
278 100
139 22.7 15.4 23.2
279 34.0 20.8 31.2





#41
Benzo(g,h,i)perylene
Concen: 0.457 ng
RT: 26.800 min Scan# 38
Delta R.T. -0.029 min
Lab File: BN038080.D
Acq: 13 Oct 2025 22:12

Instrument :
BNA_N
ClientSampleId :
PB170061BSD



Tgt Ion: 276 Resp: 1225
Ion Ratio Lower Upper
276 100
277 26.3 20.2 30.4
138 26.3 19.8 29.8

Manual Integrations
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Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/15/2025

