

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022425\
 Data File : BN036502.D
 Acq On : 24 Feb 2025 16:49
 Operator : RC/JU
 Sample : PB166832BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB166832BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 02/25/2025
 Supervised By :mohammad ahmed 02/28/2025

Quant Time: Feb 25 09:50:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 11 01:17:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	3804	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	9827	0.400	ng	#-0.01
13) Acenaphthene-d10	14.377	164	5679	0.400	ng	-0.01
19) Phenanthrene-d10	17.124	188	11615	0.400	ng	-0.01
29) Chrysene-d12	21.313	240	7487	0.400	ng	0.00
35) Perylene-d12	23.581	264	6852	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	3595	0.400	ng	0.00
5) Phenol-d6	6.923	99	4334	0.411	ng	-0.01
8) Nitrobenzene-d5	8.896	82	3206	0.331	ng	-0.01
11) 2-Methylnaphthalene-d10	12.126	152	5608m	0.371	ng	-0.02
14) 2,4,6-Tribromophenol	15.882	330	732	0.260	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	9565	0.448	ng	-0.02
27) Fluoranthene-d10	19.160	212	9314	0.288	ng	0.00
31) Terphenyl-d14	19.763	244	6692	0.419	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	1215	0.292	ng	# 70
3) n-Nitrosodimethylamine	3.564	42	2529	0.350	ng	# 98
6) bis(2-Chloroethyl)ether	7.168	93	4059	0.368	ng	98
9) Naphthalene	10.583	128	9794	0.345	ng	99
10) Hexachlorobutadiene	10.872	225	2204	0.319	ng	# 98
12) 2-Methylnaphthalene	12.197	142	6207	0.334	ng	98
16) Acenaphthylene	14.099	152	9081	0.362	ng	99
17) Acenaphthene	14.441	154	5850	0.349	ng	99
18) Fluorene	15.435	166	7792	0.327	ng	100
20) 4,6-Dinitro-2-methylph...	15.510	198	638	0.280	ng	92
21) 4-Bromophenyl-phenylether	16.329	248	2285	0.330	ng	# 76
22) Hexachlorobenzene	16.441	284	2946	0.344	ng	98
23) Atrazine	16.602	200	1966	0.340	ng	97
24) Pentachlorophenol	16.788	266	2015	0.496	ng	99
25) Phenanthrene	17.161	178	11488	0.342	ng	100
26) Anthracene	17.260	178	10439	0.353	ng	99
28) Fluoranthene	19.192	202	11900	0.288	ng	99
30) Pyrene	19.550	202	12285	0.426	ng	100
32) Benzo(a)anthracene	21.295	228	9004	0.365	ng	99
33) Chrysene	21.348	228	9013	0.338	ng	100
34) Bis(2-ethylhexyl)phtha...	21.232	149	6239	0.406	ng	99
36) Indeno(1,2,3-cd)pyrene	25.879	276	8284	0.346	ng	96
37) Benzo(b)fluoranthene	22.899	252	7239	0.321	ng	# 87
38) Benzo(k)fluoranthene	22.943	252	7982	0.344	ng	# 89
39) Benzo(a)pyrene	23.484	252	7153	0.363	ng	# 88
40) Dibenzo(a,h)anthracene	25.899	278	6612	0.350	ng	# 92
41) Benzo(g,h,i)perylene	26.577	276	6714	0.313	ng	95

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

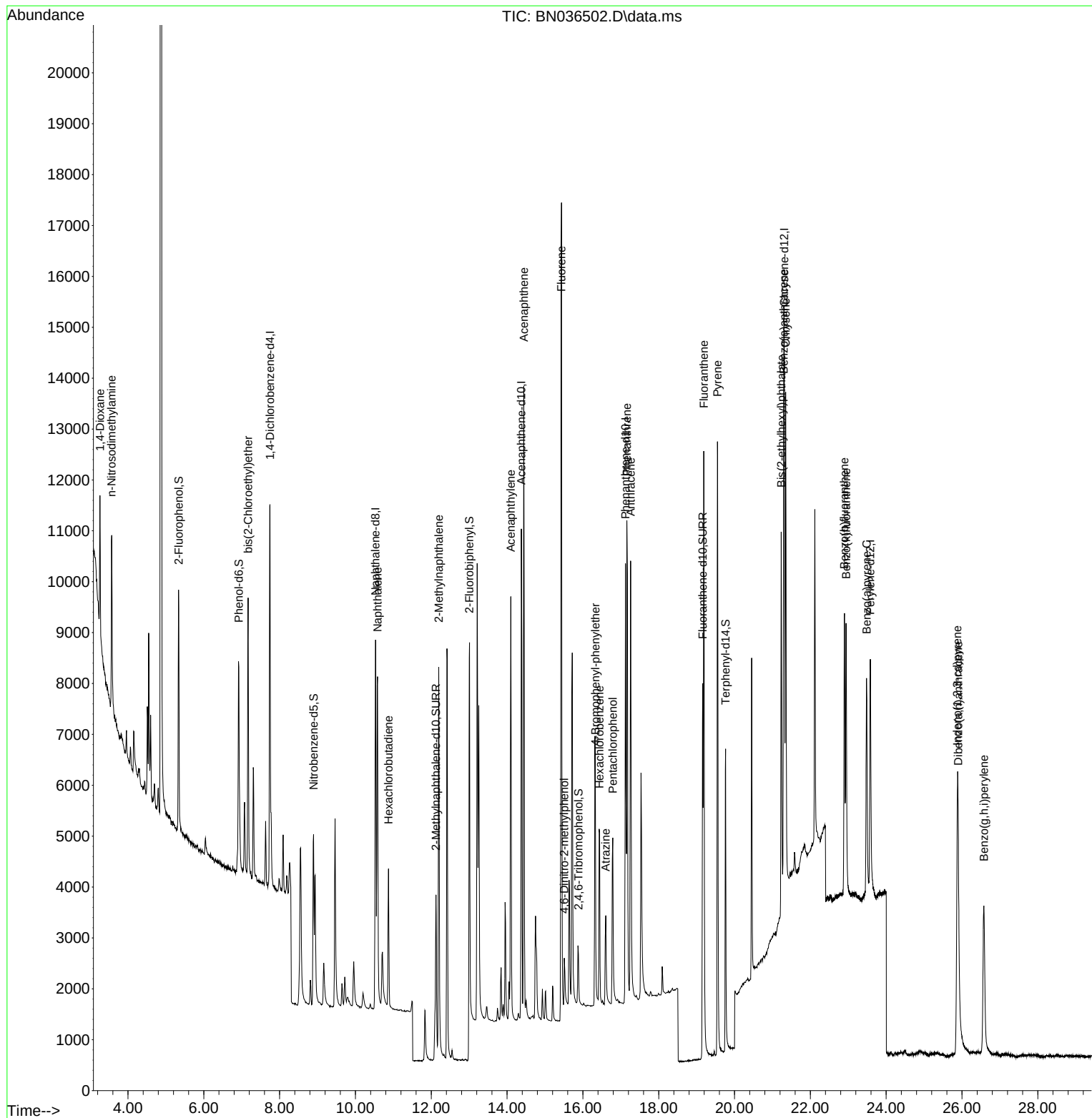
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Data File : BN036502.D
Acq On : 24 Feb 2025 16:49
Operator : RC/JU
Sample : PB166832BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

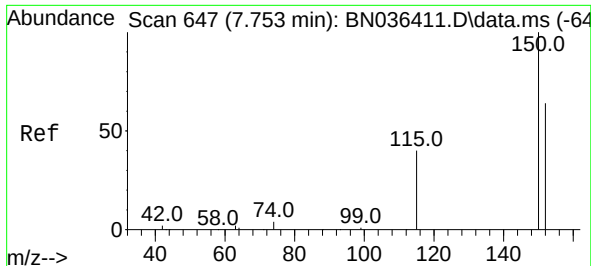
Instrument :
BNA_N
ClientSampleId :
PB166832BS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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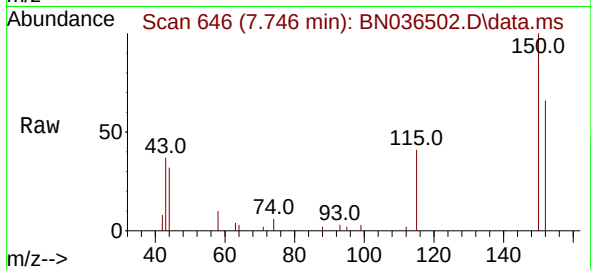
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.746 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

Instrument :

BNA_N

ClientSampleId :

PB166832BS

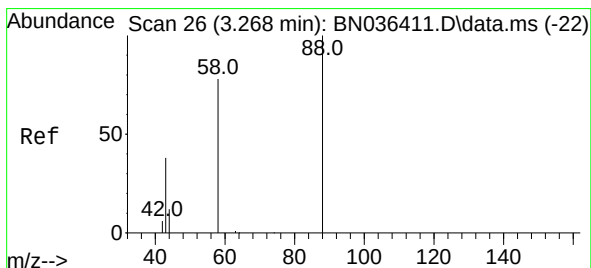
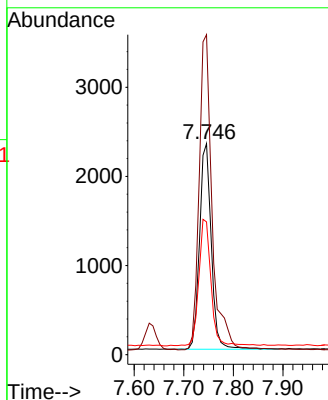
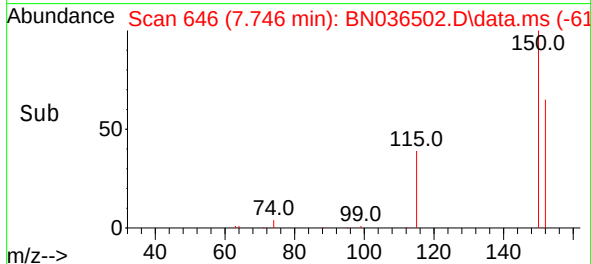


Tgt Ion:152 Resp: 3804
Ion Ratio Lower Upper
152 100
150 151.6 123.7 185.5
115 62.9 52.5 78.7

Manual Integrations

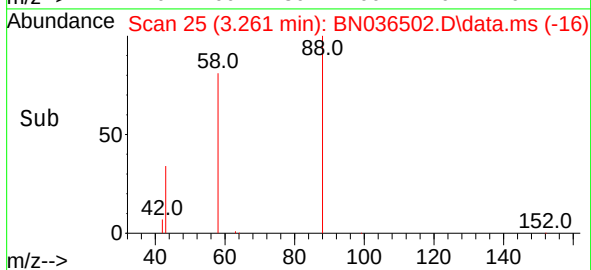
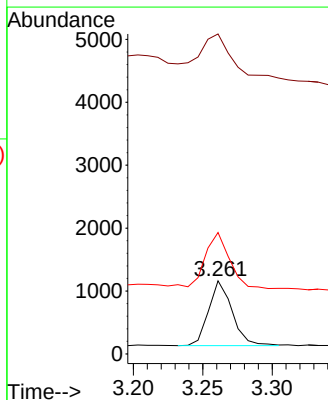
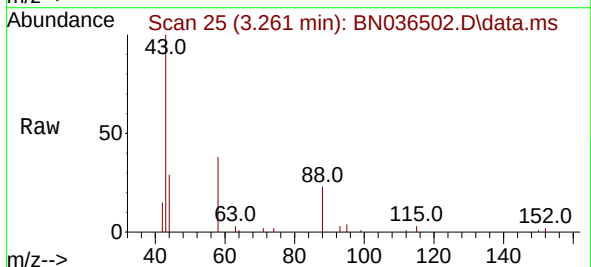
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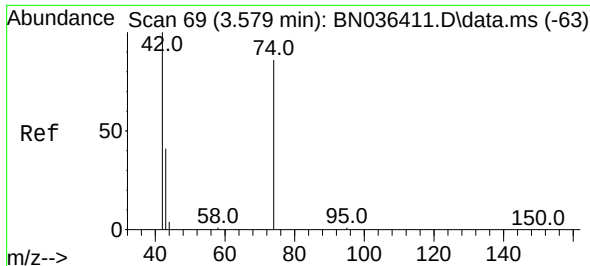
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#2
1,4-Dioxane
Concen: 0.292 ng
RT: 3.261 min Scan# 25
Delta R.T. -0.007 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

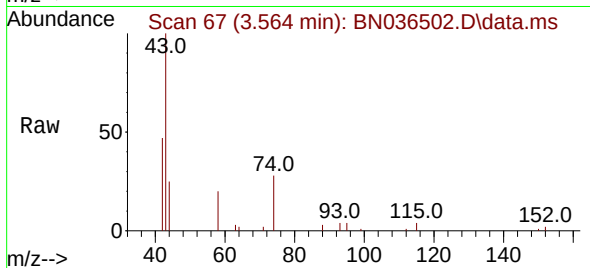
Tgt Ion: 88 Resp: 1215
Ion Ratio Lower Upper
88 100
43 92.5 33.7 50.5#
58 90.9 68.9 103.3





#3
n-Nitrosodimethylamine
Concen: 0.350 ng
RT: 3.564 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

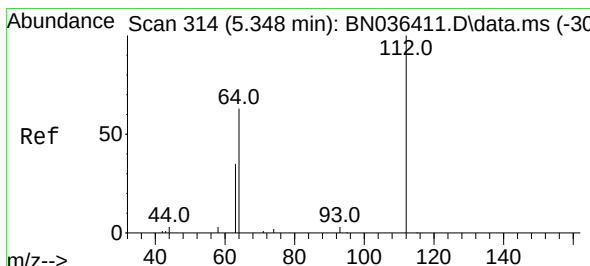
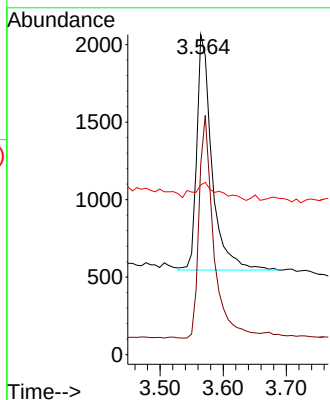
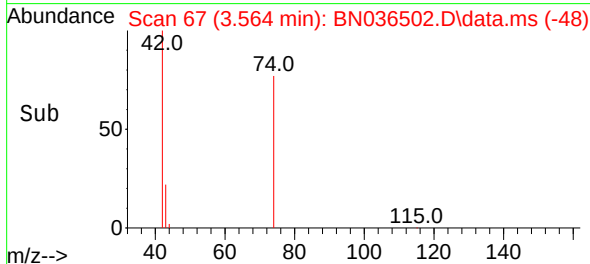
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BNA_N
ClientSampleId :
PB166832BS



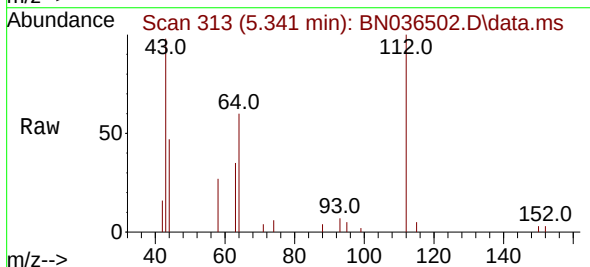
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Ion Ratio Lower Upper
42 100
74 91.5 71.8 107.6
44 12.4 7.8 11.6

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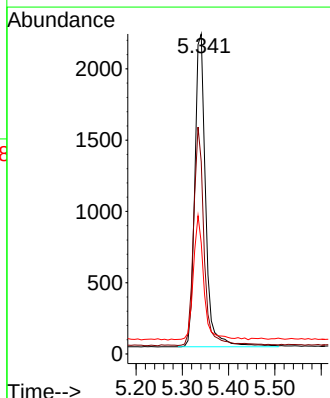
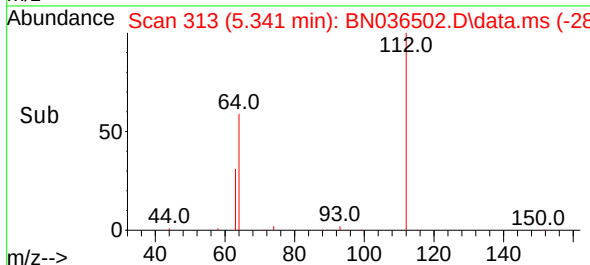
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025

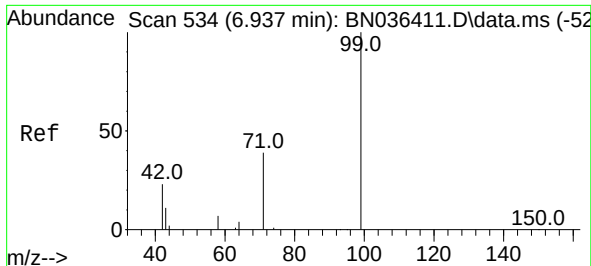


#4
2-Fluorophenol
Concen: 0.400 ng
RT: 5.341 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49



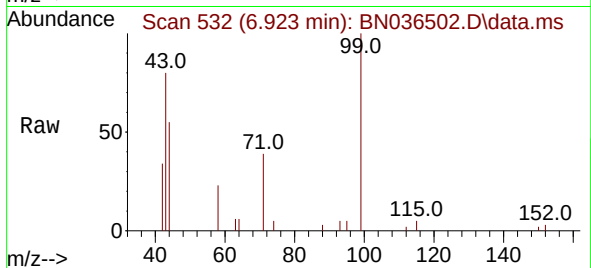
Tgt Ion:112 Resp: 3595
Ion Ratio Lower Upper
112 100
64 68.0 53.4 80.0
63 38.1 30.3 45.5





#5
Phenol-d6
Concen: 0.411 ng
RT: 6.923 min Scan# 534
Delta R.T. -0.015 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

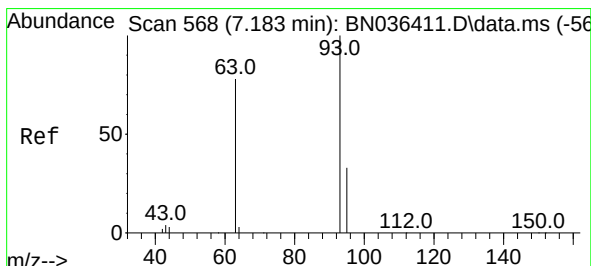
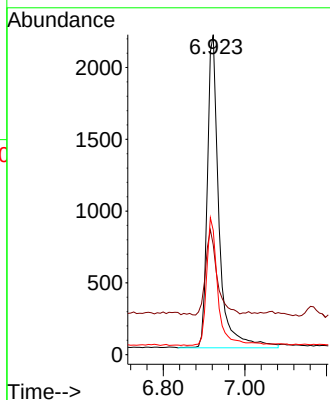
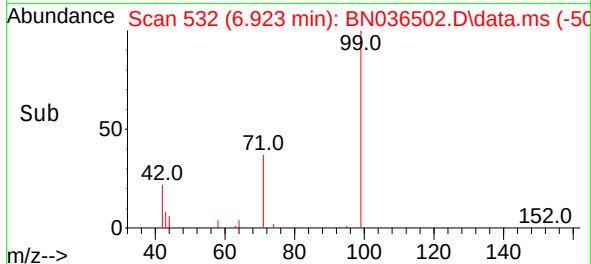
Instrument :
BNA_N
ClientSampleId :
PB166832BS



Tgt Ion: 99 Resp: 4334
Ion Ratio Lower Upper
99 100
42 27.1 21.7 32.5
71 38.6 32.6 49.0

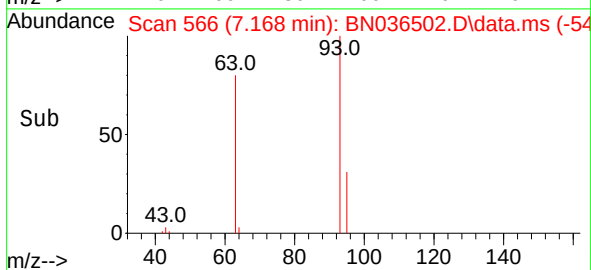
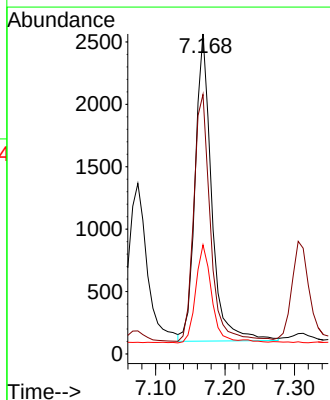
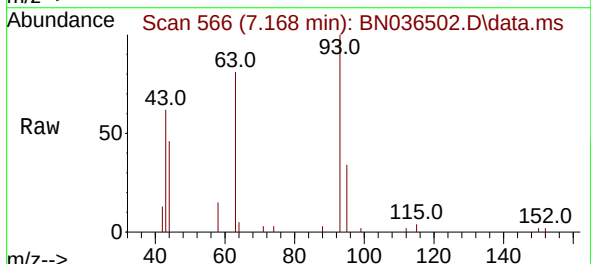
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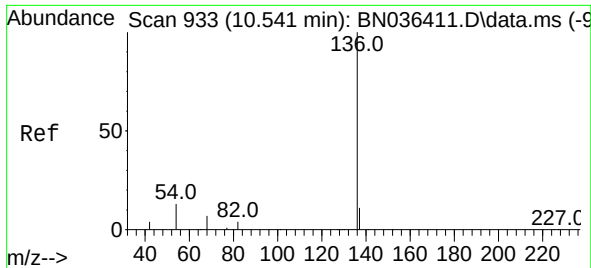
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#6
bis(2-Chloroethyl)ether
Concen: 0.368 ng
RT: 7.168 min Scan# 566
Delta R.T. -0.015 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

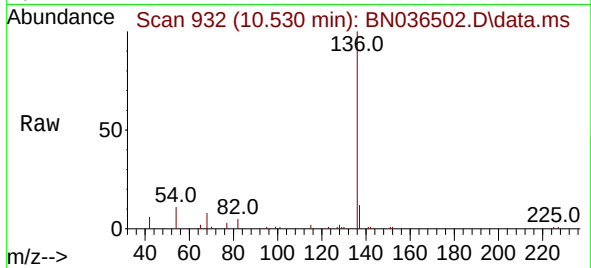
Tgt Ion: 93 Resp: 4059
Ion Ratio Lower Upper
93 100
63 81.4 66.3 99.5
95 31.7 26.2 39.4





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

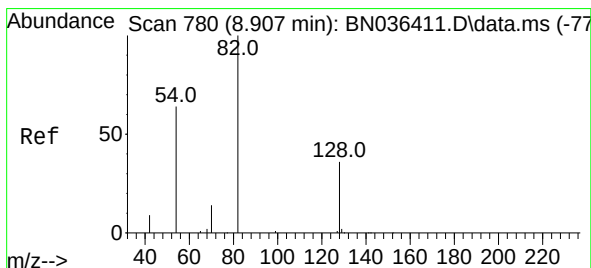
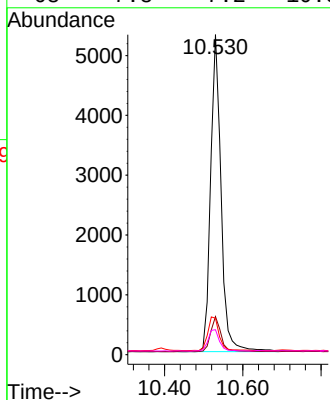
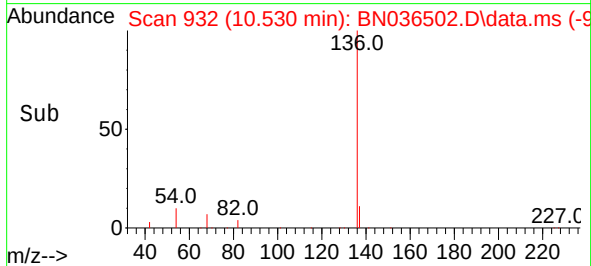
Instrument :
BNA_N
ClientSampleId :
PB166832BS



Tgt Ion:136 Resp: 982
Ion Ratio Lower Upper
136 100
137 11.9 10.1 15.1
54 11.4 11.8 17.6
68 7.8 7.2 10.8

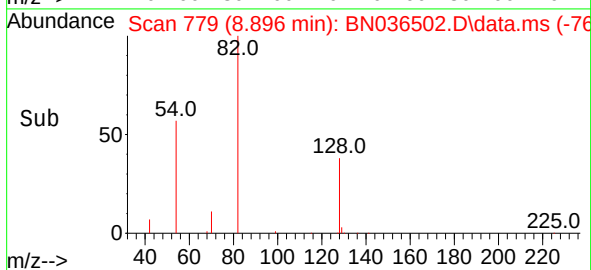
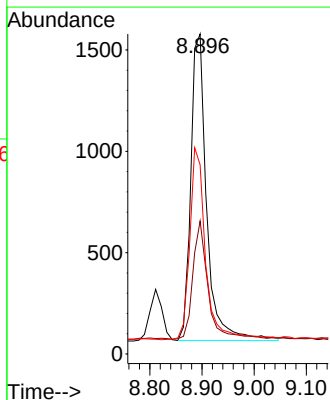
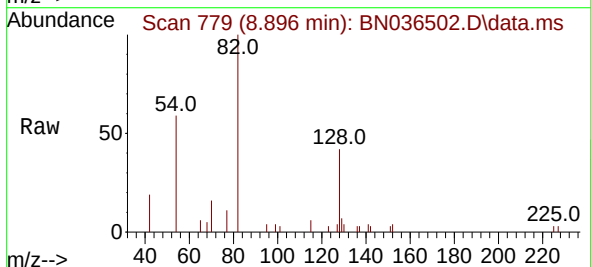
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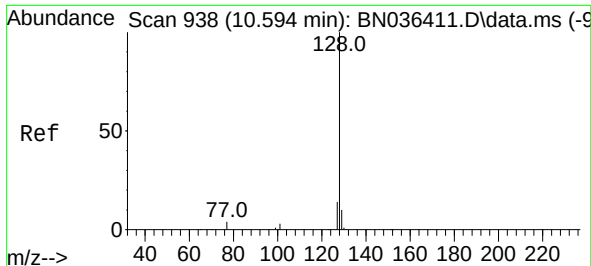
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#8
Nitrobenzene-d5
Concen: 0.331 ng
RT: 8.896 min Scan# 779
Delta R.T. -0.011 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

Tgt Ion: 82 Resp: 3206
Ion Ratio Lower Upper
82 100
128 41.5 31.9 47.9
54 59.1 53.1 79.7





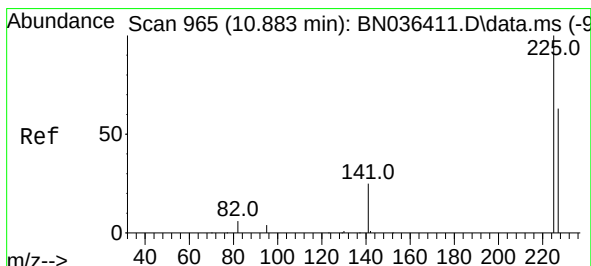
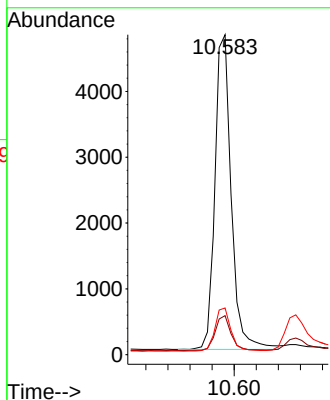
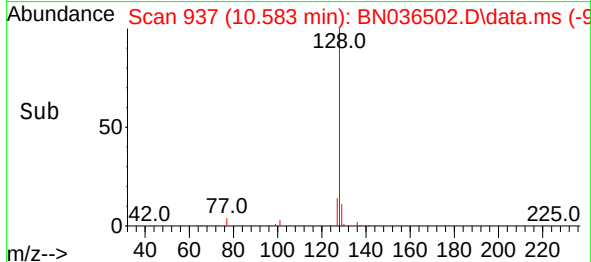
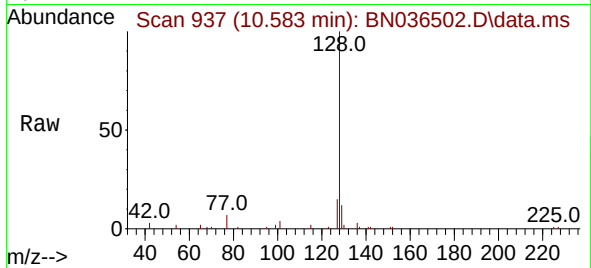
#9
Naphthalene
Concen: 0.345 ng
RT: 10.583 min Scan# 914
Delta R.T. -0.011 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

Instrument :
BNA_N
ClientSampleId :
PB166832BS

Tgt Ion:128 Resp: 9794
Ion Ratio Lower Upper
128 100
129 12.2 9.6 14.4
127 14.6 12.0 18.0

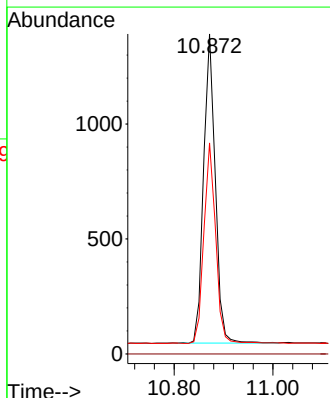
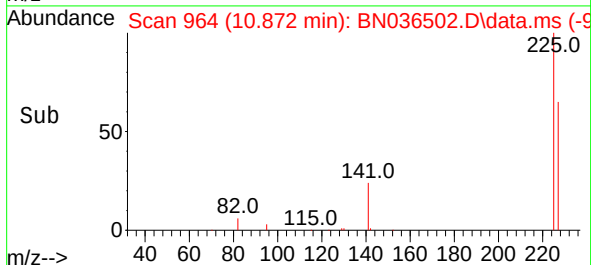
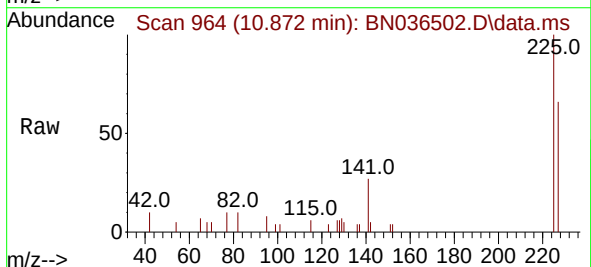
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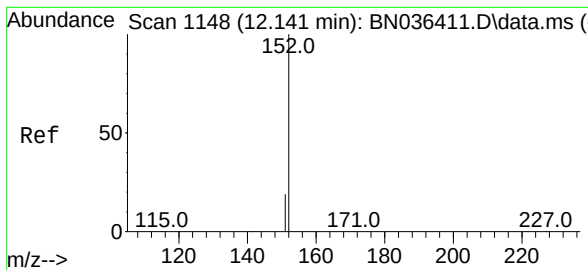
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#10
Hexachlorobutadiene
Concen: 0.319 ng
RT: 10.872 min Scan# 964
Delta R.T. -0.011 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

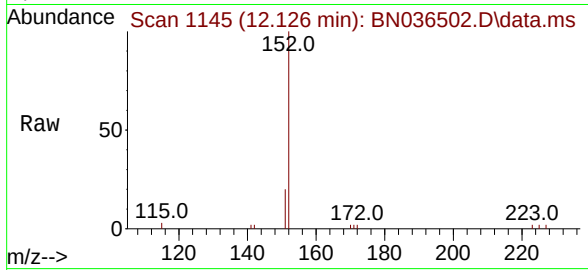
Tgt Ion:225 Resp: 2204
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 65.3 50.9 76.3





#11
2-Methylnaphthalene-d10
Concen: 0.371 ng m
RT: 12.126 min Scan# 1145
Delta R.T. -0.015 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

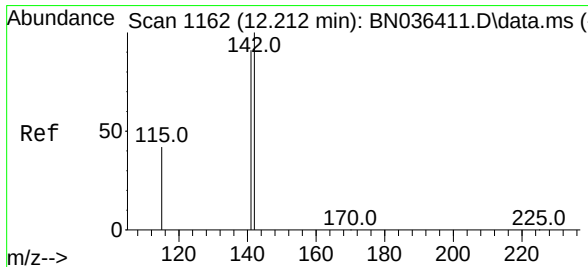
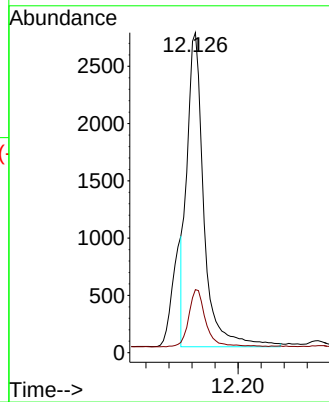
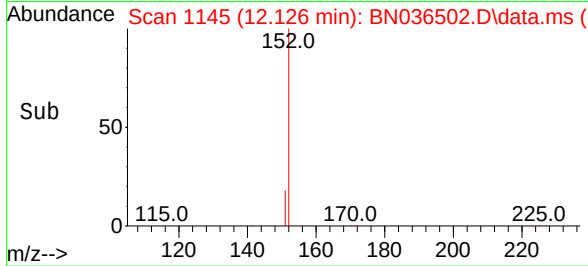
Instrument :
BNA_N
ClientSampleId :
PB166832BS



Tgt Ion:152 Resp: 5608
Ion Ratio Lower Upper
152 100
151 18.4 16.6 25.0

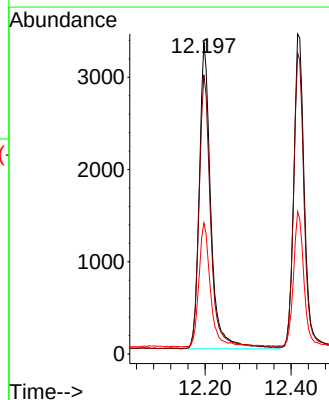
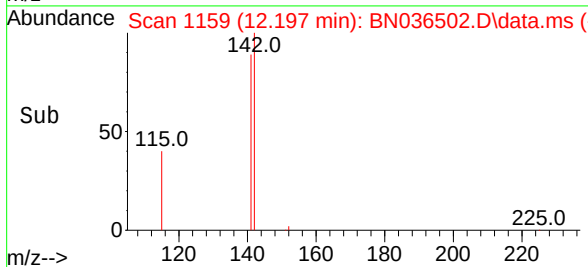
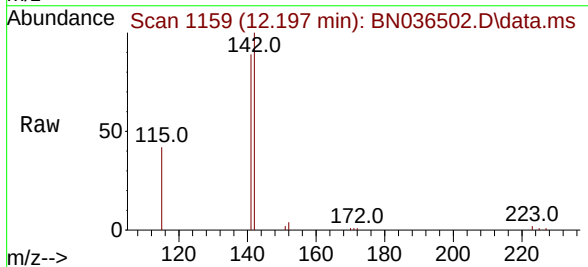
Manual Integrations
APPROVED

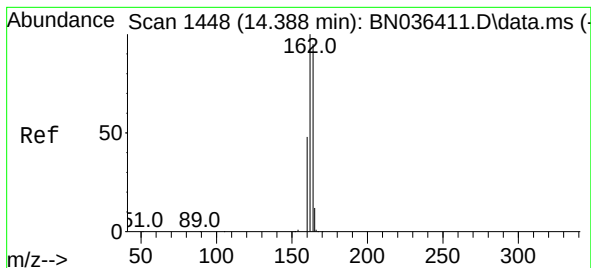
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#12
2-Methylnaphthalene
Concen: 0.334 ng
RT: 12.197 min Scan# 1159
Delta R.T. -0.015 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

Tgt Ion:142 Resp: 6207
Ion Ratio Lower Upper
142 100
141 89.4 72.8 109.2
115 42.0 35.5 53.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.377 min Scan# 1447

Delta R.T. -0.011 min

Lab File: BN036502.D

Acq: 24 Feb 2025 16:49

Instrument :

BNA_N

ClientSampleId :

PB166832BS

Tgt Ion:164 Resp: 5679

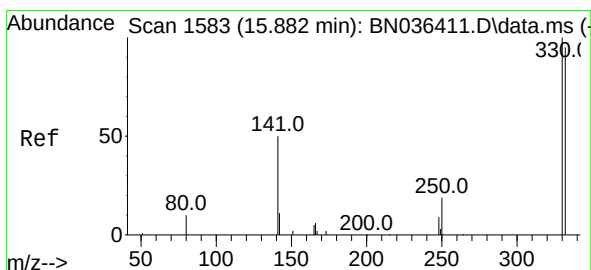
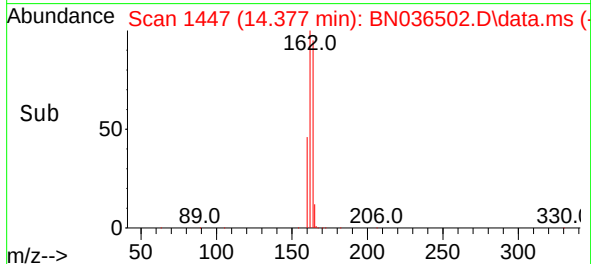
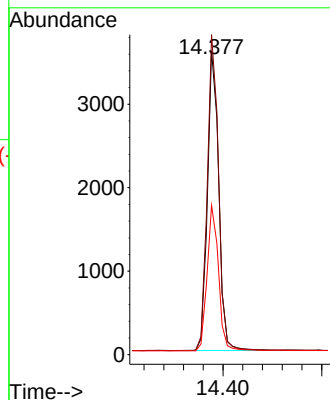
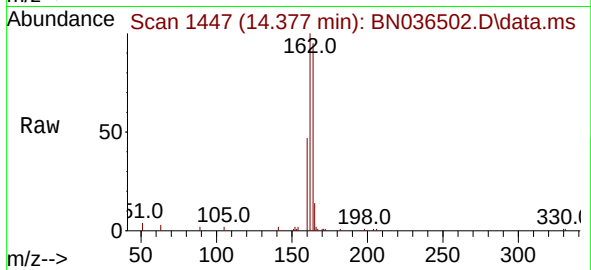
Ion	Ratio	Lower	Upper
164	100		
162	105.3	84.1	126.1
160	49.1	41.4	62.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 02/25/2025

Supervised By :mohammad ahmed 02/28/2025



#14

2,4,6-Tribromophenol

Concen: 0.260 ng

RT: 15.882 min Scan# 1583

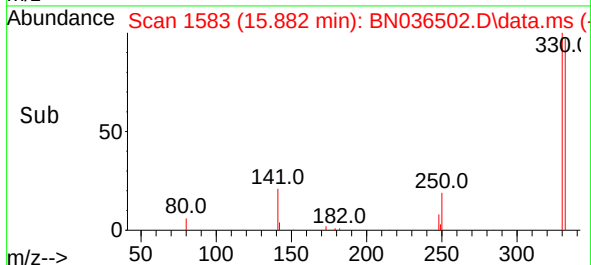
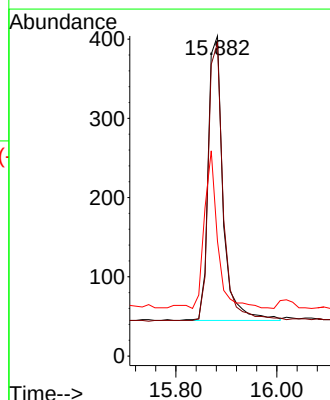
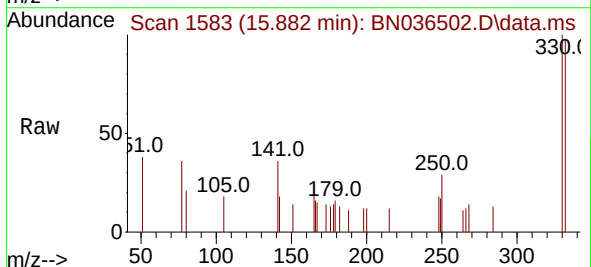
Delta R.T. -0.000 min

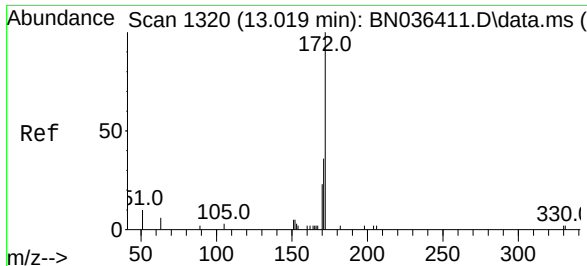
Lab File: BN036502.D

Acq: 24 Feb 2025 16:49

Tgt Ion:330 Resp: 732

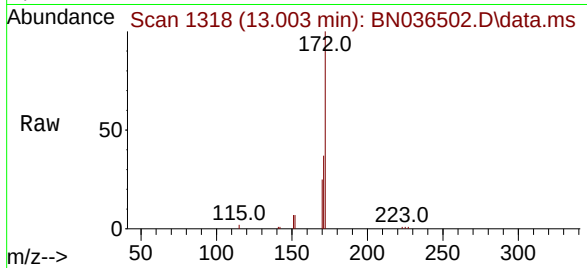
Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	49.2	37.8	56.8





#15
2-Fluorobiphenyl
Concen: 0.448 ng
RT: 13.003 min Scan# 1420
Delta R.T. -0.016 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

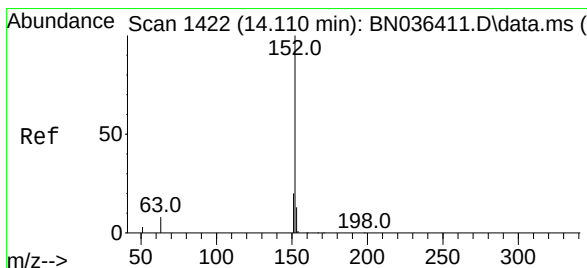
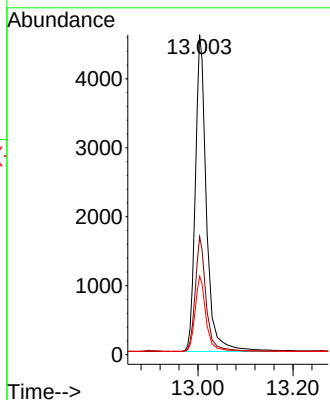
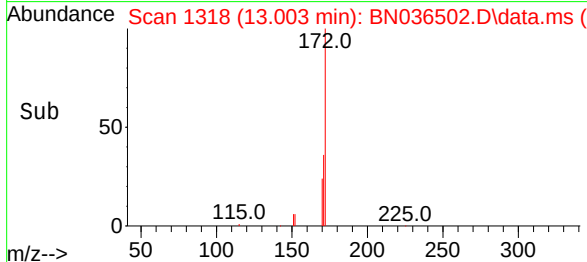
Instrument :
BNA_N
ClientSampleId :
PB166832BS



Tgt Ion:172 Resp: 956
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.5 19.8 29.6

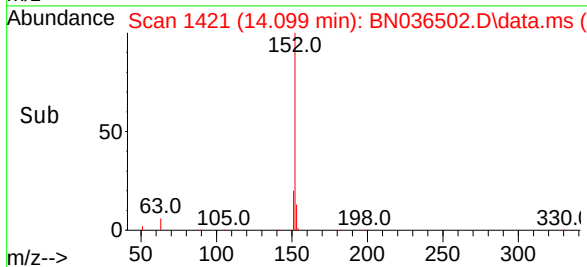
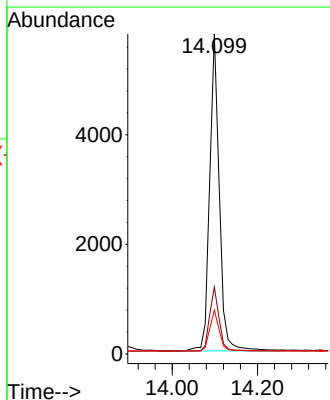
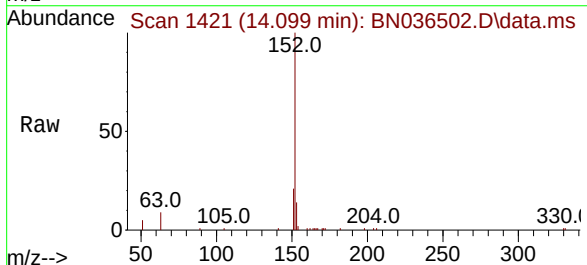
Manual Integrations
APPROVED

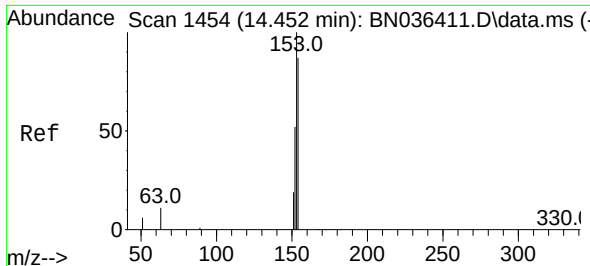
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#16
Acenaphthylene
Concen: 0.362 ng
RT: 14.099 min Scan# 1421
Delta R.T. -0.011 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

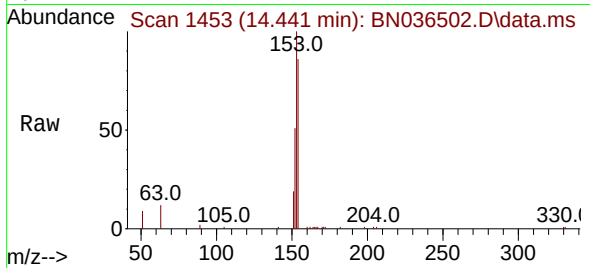
Tgt Ion:152 Resp: 9081
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.2 10.2 15.2





#17
Acenaphthene
Concen: 0.349 ng
RT: 14.441 min Scan# 1453
Delta R.T. -0.011 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

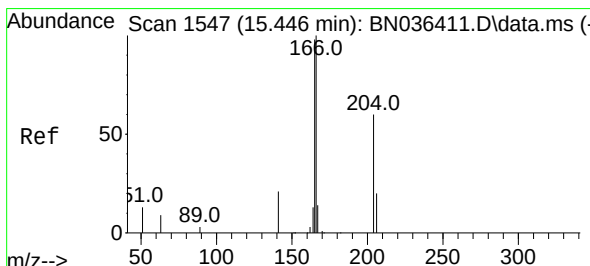
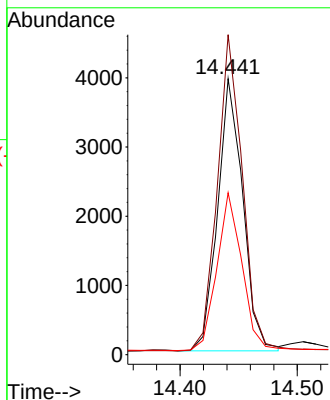
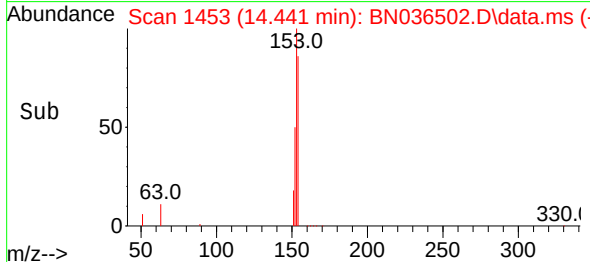
Instrument :
BNA_N
ClientSampleId :
PB166832BS



Tgt Ion:154 Resp: 5850
Ion Ratio Lower Upper
154 100
153 116.2 93.3 139.9
152 58.7 48.8 73.2

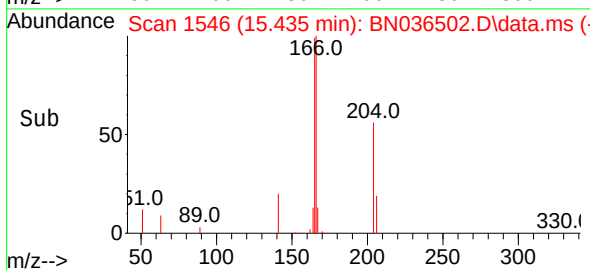
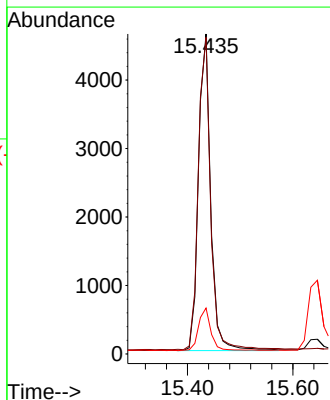
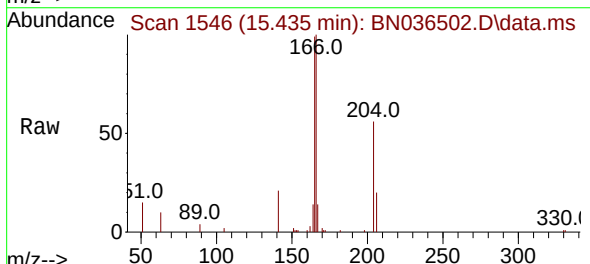
Manual Integrations
APPROVED

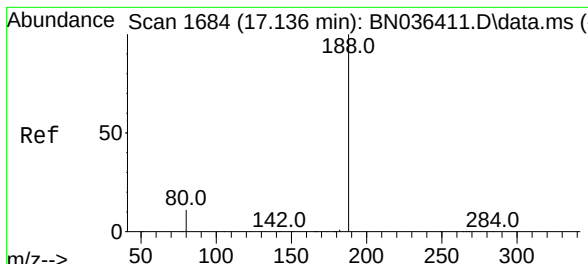
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#18
Fluorene
Concen: 0.327 ng
RT: 15.435 min Scan# 1546
Delta R.T. -0.011 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

Tgt Ion:166 Resp: 7792
Ion Ratio Lower Upper
166 100
165 99.2 79.5 119.3
167 13.4 10.4 15.6





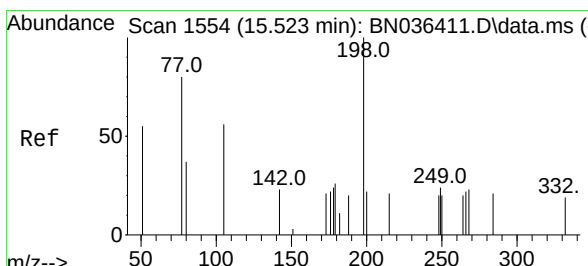
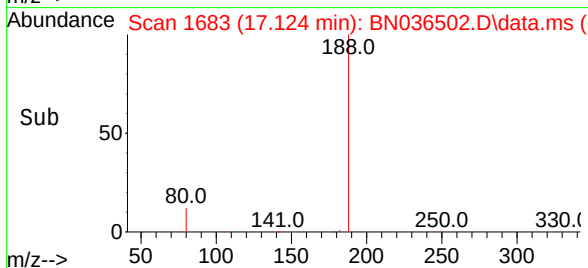
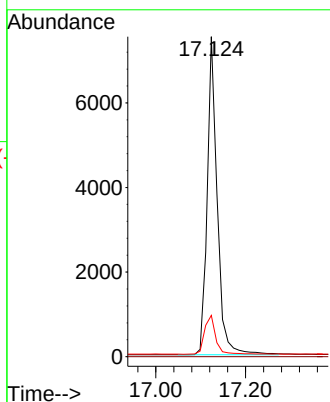
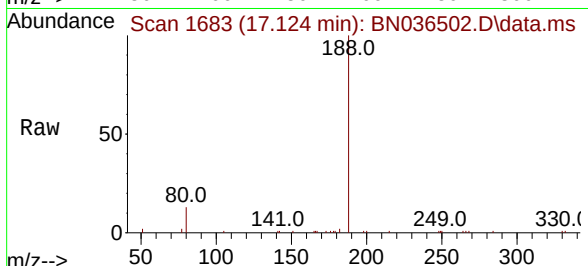
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.124 min Scan# 1161
Delta R.T. -0.013 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

Instrument :
BNA_N
ClientSampleId :
PB166832BS

Tgt Ion:188 Resp: 1161
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 9.8 14.6

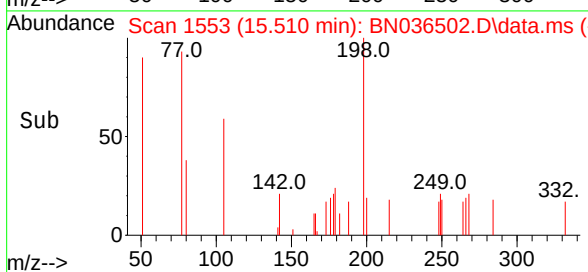
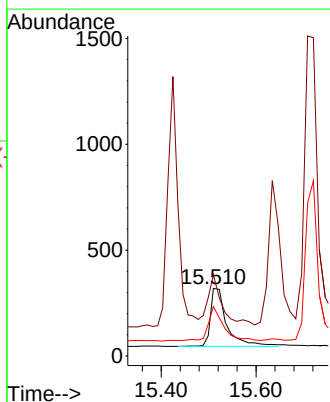
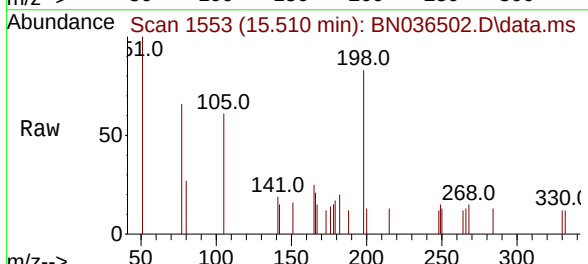
Manual Integrations
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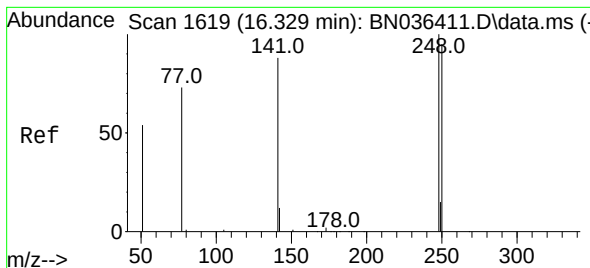
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#20
4,6-Dinitro-2-methylphenol
Concen: 0.280 ng
RT: 15.510 min Scan# 1553
Delta R.T. -0.013 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

Tgt Ion:198 Resp: 638
Ion Ratio Lower Upper
198 100
51 120.4 86.6 129.8
105 73.4 57.5 86.3





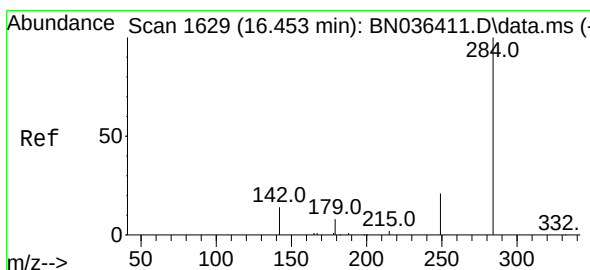
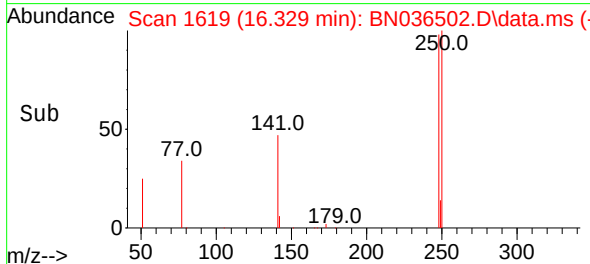
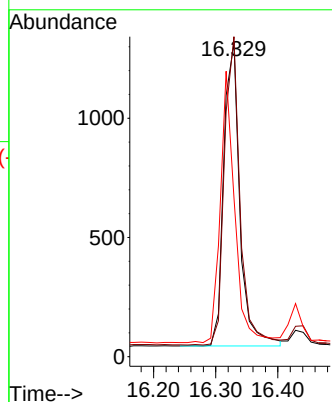
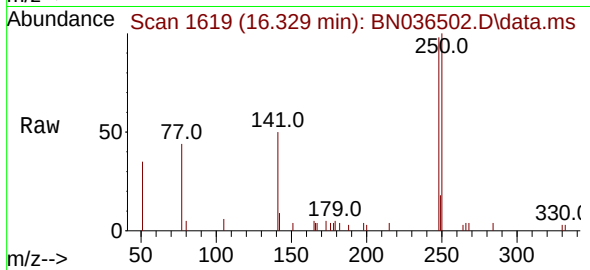
#21
4-Bromophenyl-phenylether
Concen: 0.330 ng
RT: 16.329 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

Instrument :
BNA_N
ClientSampleId :
PB166832BS

Tgt Ion:248 Resp: 2285
Ion Ratio Lower Upper
248 100
250 102.0 76.1 114.1
141 50.7 71.7 107.5

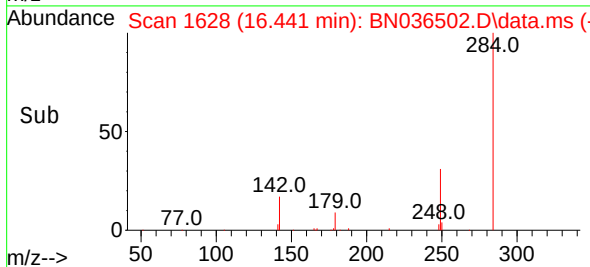
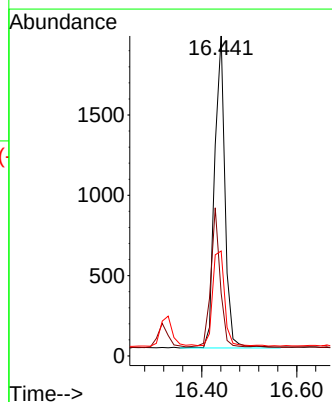
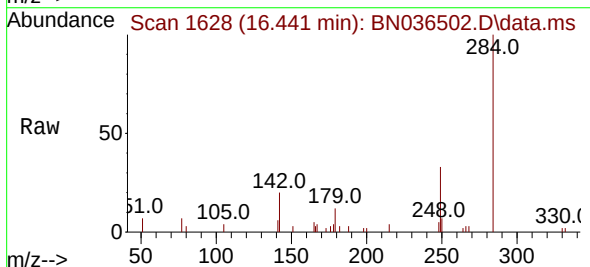
Manual Integrations
APPROVED

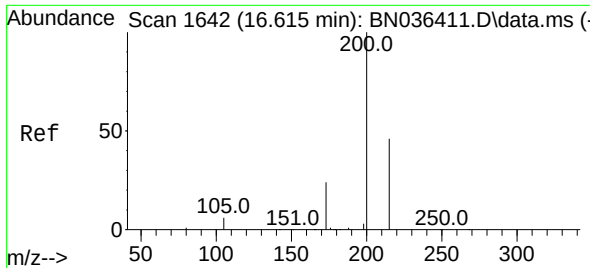
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#22
Hexachlorobenzene
Concen: 0.344 ng
RT: 16.441 min Scan# 1628
Delta R.T. -0.013 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

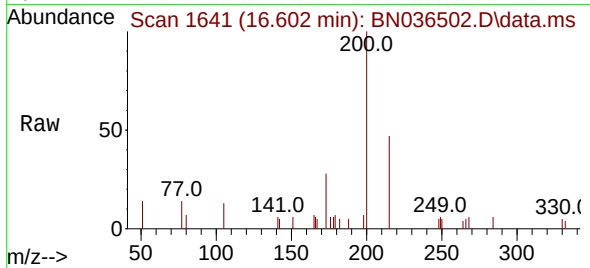
Tgt Ion:284 Resp: 2946
Ion Ratio Lower Upper
284 100
142 40.4 33.4 50.0
249 35.3 28.6 43.0





#23
Atrazine
Concen: 0.340 ng
RT: 16.602 min Scan# 1641
Delta R.T. -0.013 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

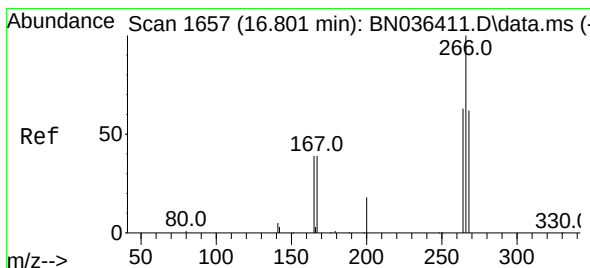
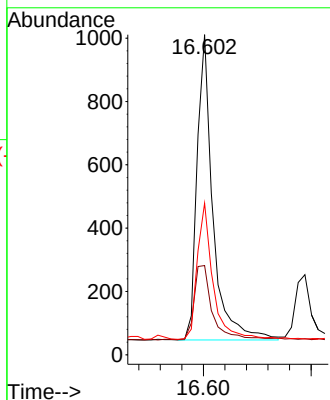
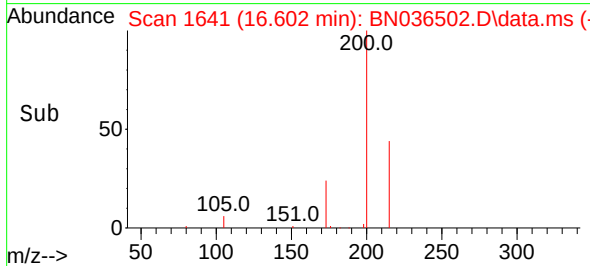
Instrument :
BNA_N
ClientSampleId :
PB166832BS



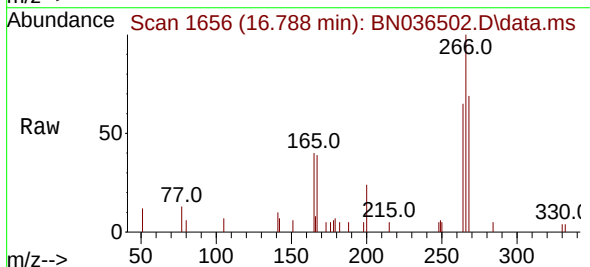
Tgt Ion:200 Resp: 1960
Ion Ratio Lower Upper
200 100
173 27.9 23.2 34.8
215 47.4 40.0 60.0

Manual Integrations
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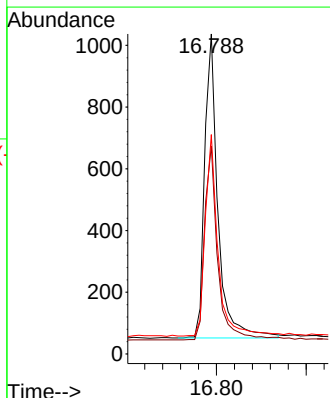
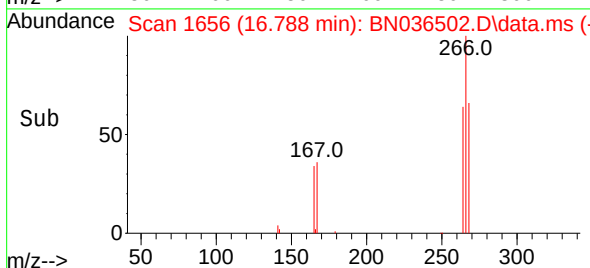
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025

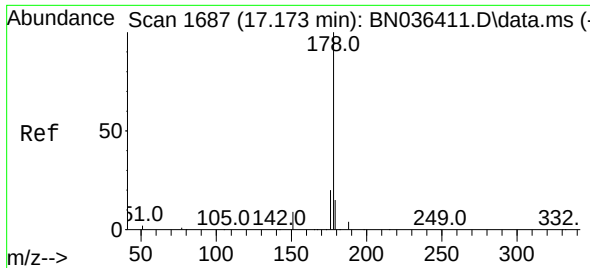


#24
Pentachlorophenol
Concen: 0.496 ng
RT: 16.788 min Scan# 1656
Delta R.T. -0.013 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49



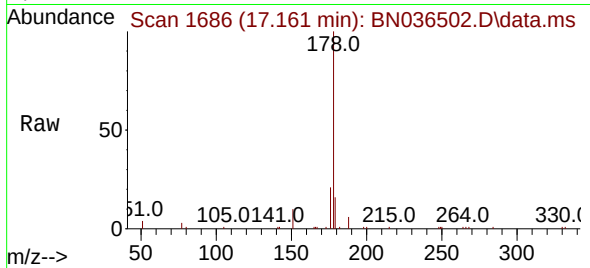
Tgt Ion:266 Resp: 2015
Ion Ratio Lower Upper
266 100
264 62.4 50.6 76.0
268 63.5 51.9 77.9





#25
Phenanthrene
Concen: 0.342 ng
RT: 17.161 min Scan# 1686
Delta R.T. -0.013 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

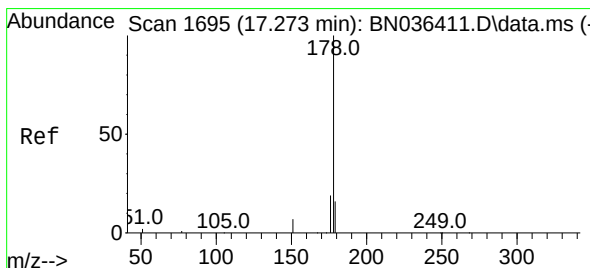
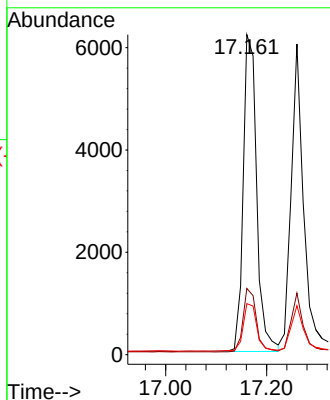
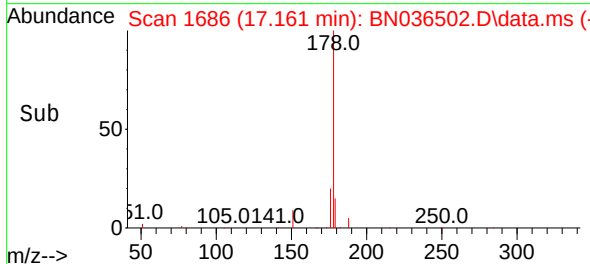
Instrument :
BNA_N
ClientSampleId :
PB166832BS



Tgt Ion:178 Resp: 11488
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.4 12.4 18.6

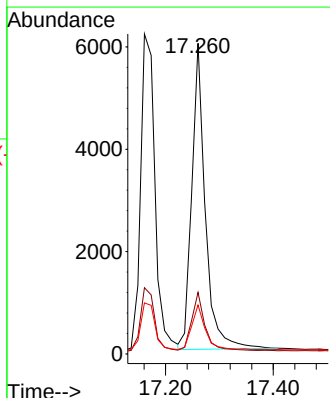
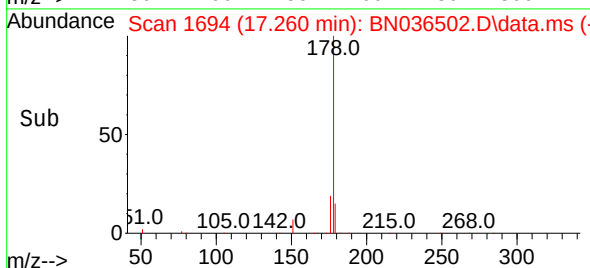
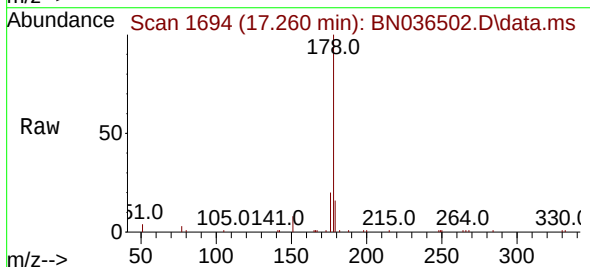
Manual Integrations
APPROVED

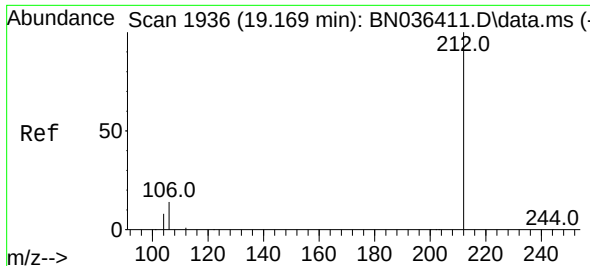
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#26
Anthracene
Concen: 0.353 ng
RT: 17.260 min Scan# 1694
Delta R.T. -0.013 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

Tgt Ion:178 Resp: 10439
Ion Ratio Lower Upper
178 100
176 19.1 14.9 22.3
179 15.0 12.4 18.6





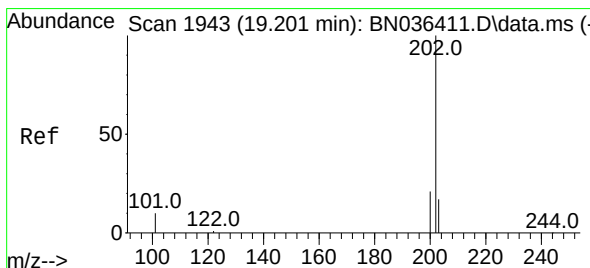
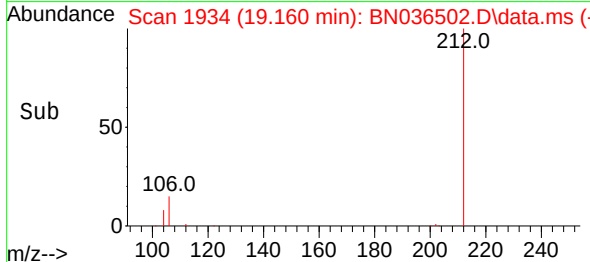
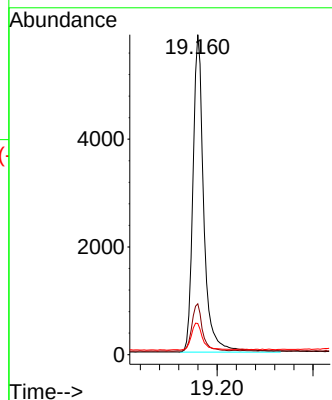
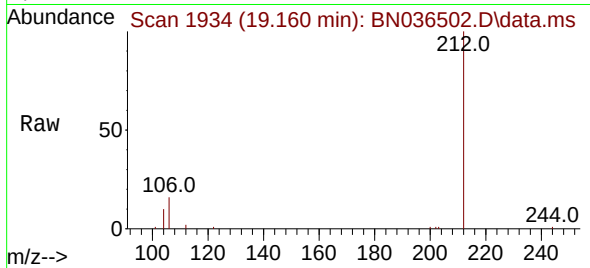
#27
Fluoranthene-d10
Concen: 0.288 ng
RT: 19.160 min Scan# 1934
Delta R.T. -0.009 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

Instrument :
BNA_N
ClientSampleId :
PB166832BS

Tgt Ion:212 Resp: 9314
Ion Ratio Lower Upper
212 100
106 14.7 11.5 17.3
104 8.8 7.1 10.7

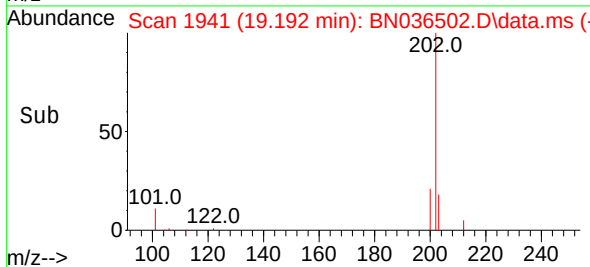
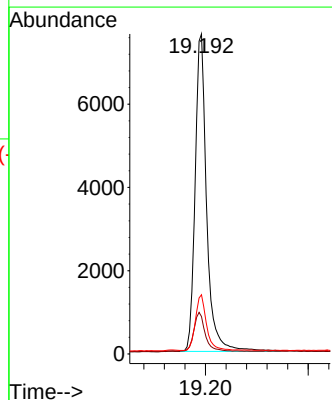
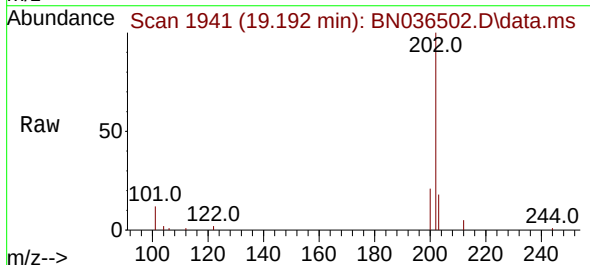
Manual Integrations
APPROVED

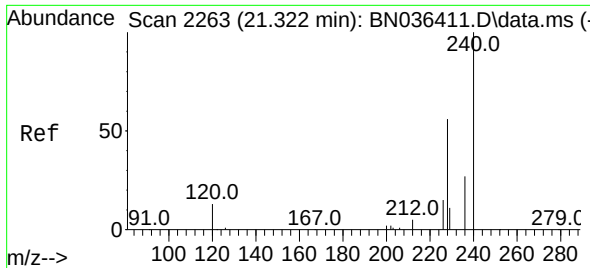
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#28
Fluoranthene
Concen: 0.288 ng
RT: 19.192 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

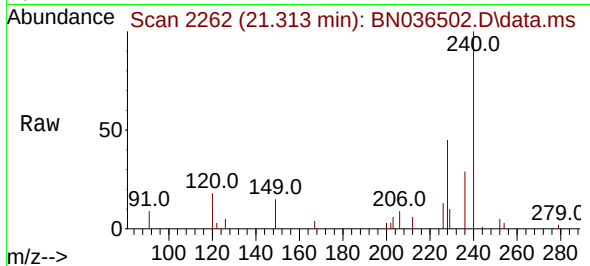
Tgt Ion:202 Resp: 11900
Ion Ratio Lower Upper
202 100
101 12.0 9.2 13.8
203 16.9 13.4 20.0





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.313 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

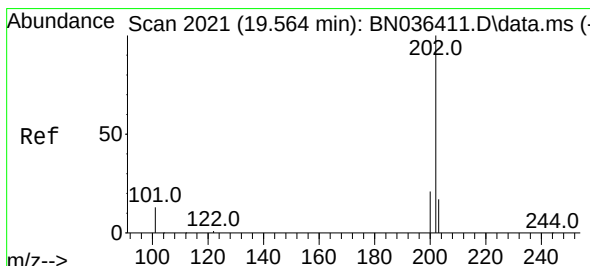
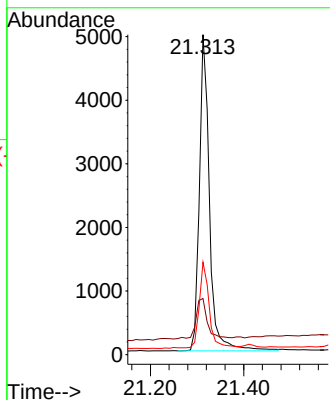
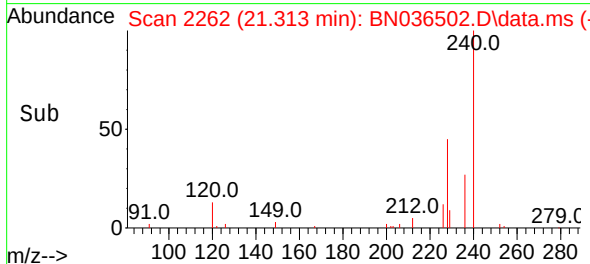
Instrument :
BNA_N
ClientSampleId :
PB166832BS



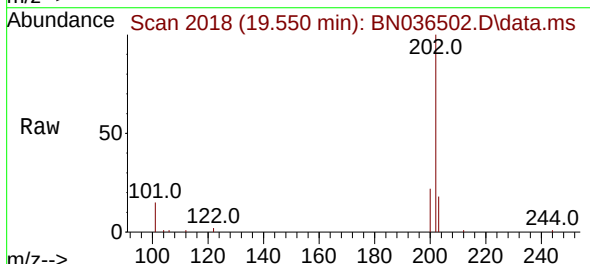
Tgt Ion:240 Resp: 748
Ion Ratio Lower Upper
240 100
120 17.6 13.3 19.9
236 28.9 23.0 34.6

Manual Integrations
APPROVED

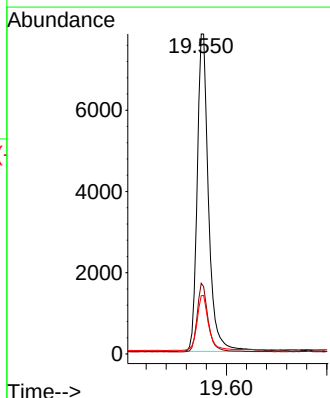
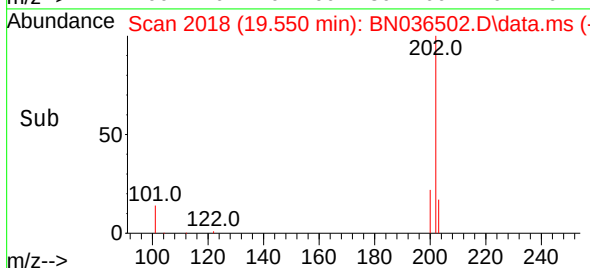
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025

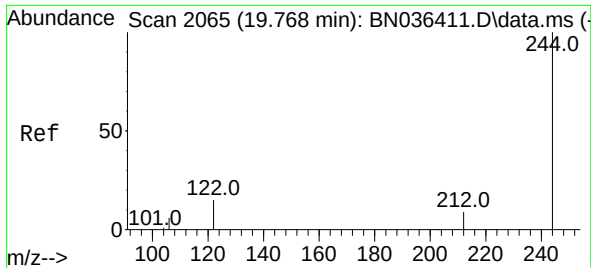


#30
Pyrene
Concen: 0.426 ng
RT: 19.550 min Scan# 2018
Delta R.T. -0.014 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49



Tgt Ion:202 Resp: 12285
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.6 13.9 20.9





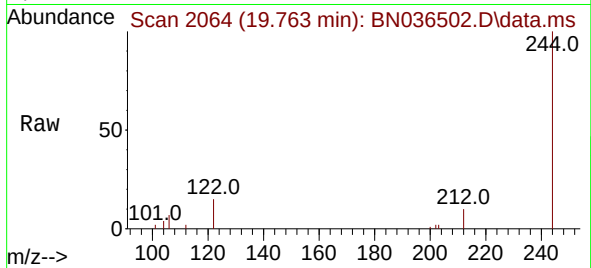
#31
 Terphenyl-d14
 Concen: 0.419 ng
 RT: 19.763 min Scan# 2064
 Delta R.T. -0.005 min
 Lab File: BN036502.D
 Acq: 24 Feb 2025 16:49

Instrument :

BNA_N

ClientSampleId :

PB166832BS

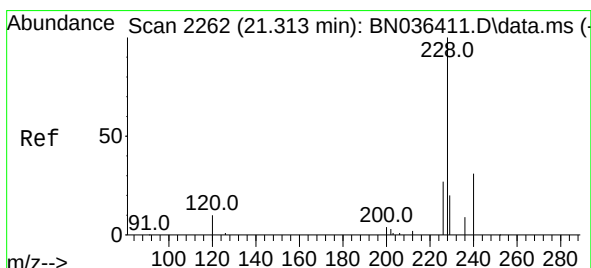
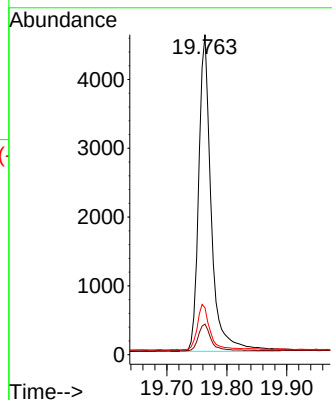
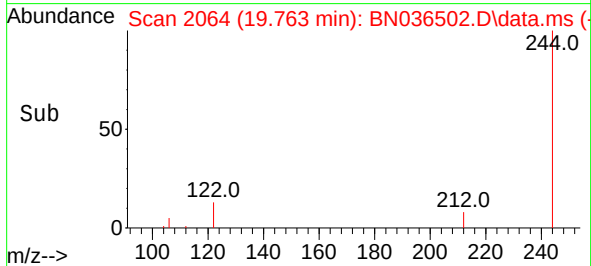


Tgt Ion:244 Resp: 6692
 Ion Ratio Lower Upper
 244 100
 212 9.5 8.1 12.1
 122 14.6 12.8 19.2

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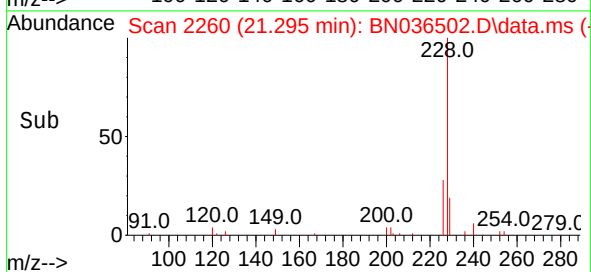
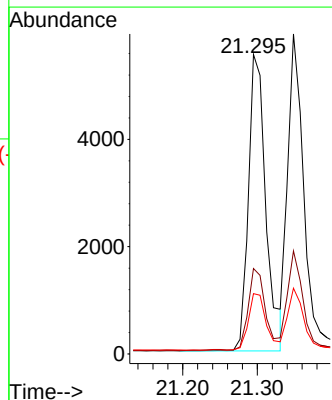
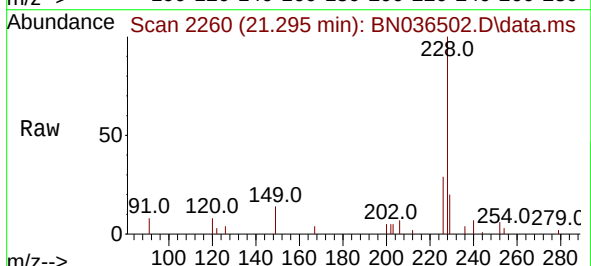
APPROVED

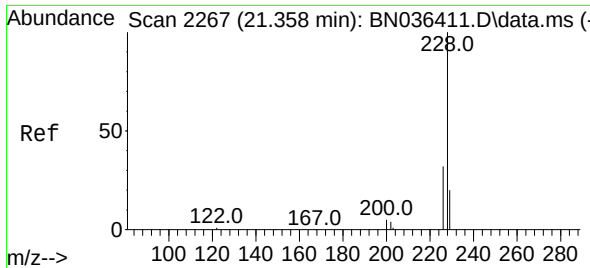
Reviewed By :Rahul Chavli 02/25/2025
 Supervised By :mohammad ahmed 02/28/2025



#32
 Benzo(a)anthracene
 Concen: 0.365 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. -0.018 min
 Lab File: BN036502.D
 Acq: 24 Feb 2025 16:49

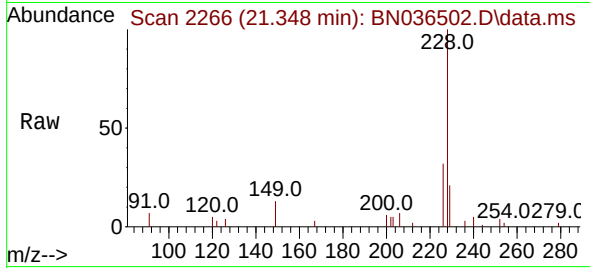
Tgt Ion:228 Resp: 9004
 Ion Ratio Lower Upper
 228 100
 226 28.5 22.2 33.2
 229 20.1 16.5 24.7





#33
Chrysene
Concen: 0.338 ng
RT: 21.348 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

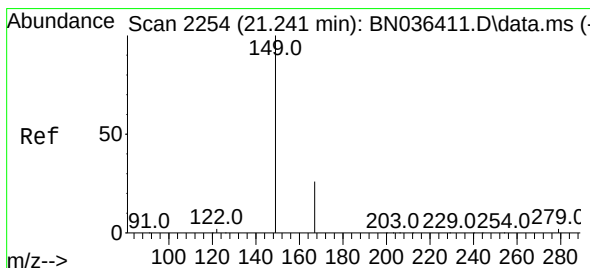
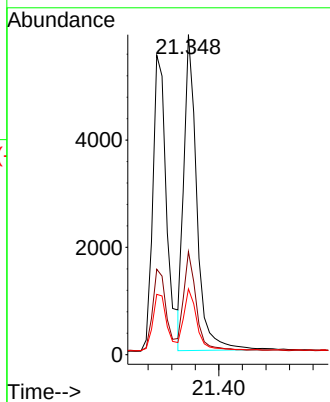
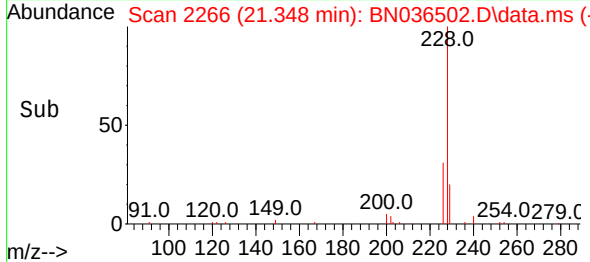
Instrument :
BNA_N
ClientSampleId :
PB166832BS



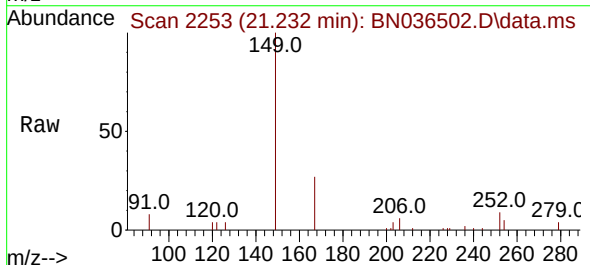
Tgt Ion:228 Resp: 901
Ion Ratio Lower Upper
228 100
226 32.2 25.5 38.3
229 20.6 16.4 24.6

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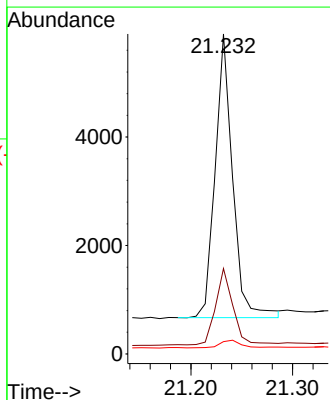
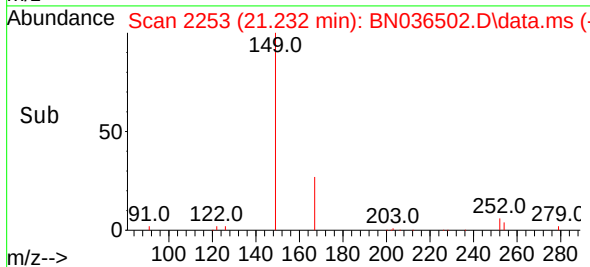
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025

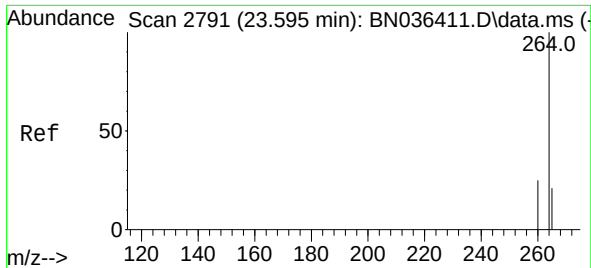


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.406 ng
RT: 21.232 min Scan# 2253
Delta R.T. -0.009 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49



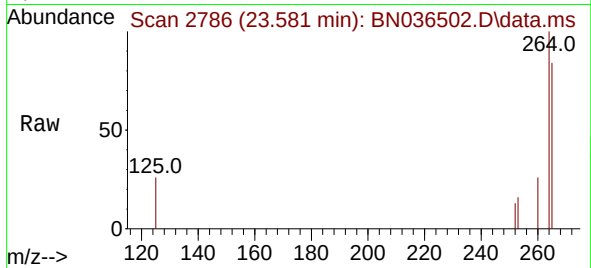
Tgt Ion:149 Resp: 6239
Ion Ratio Lower Upper
149 100
167 26.8 21.2 31.8
279 3.7 2.7 4.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.581 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

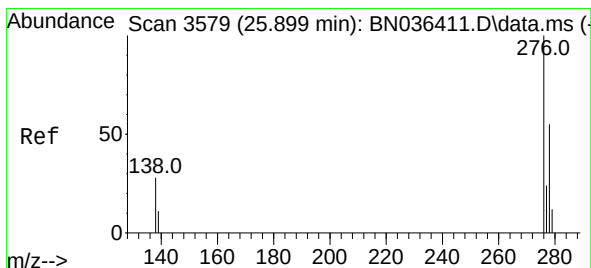
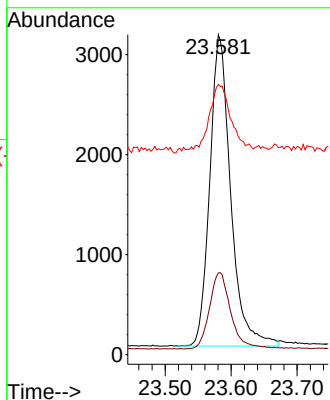
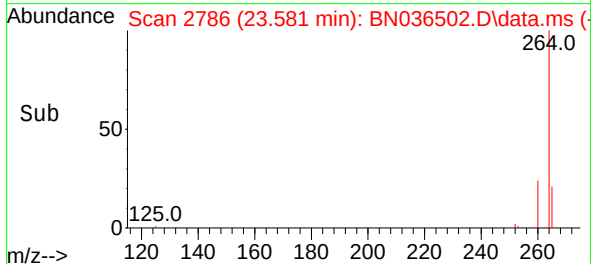
Instrument :
BNA_N
ClientSampleId :
PB166832BS



Tgt Ion:264 Resp: 6852
Ion Ratio Lower Upper
264 100
260 25.5 20.9 31.3
265 84.4 60.7 91.1

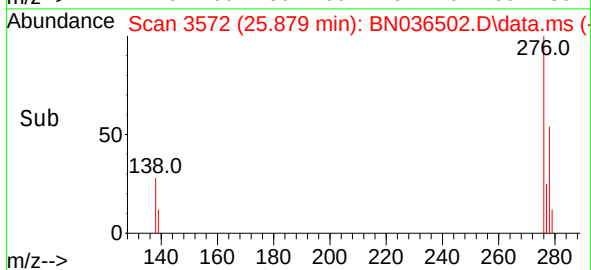
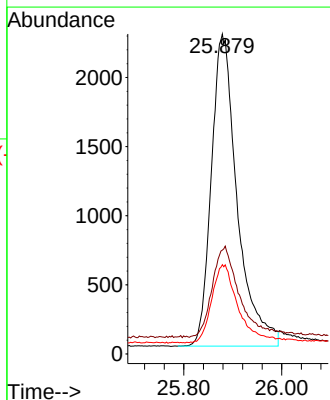
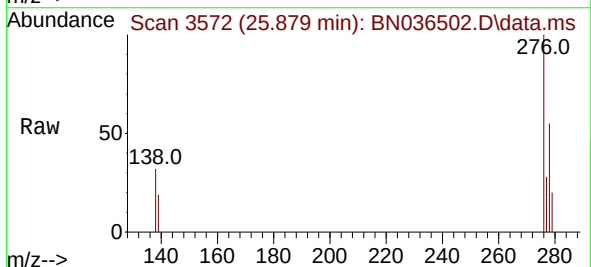
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APPROVED

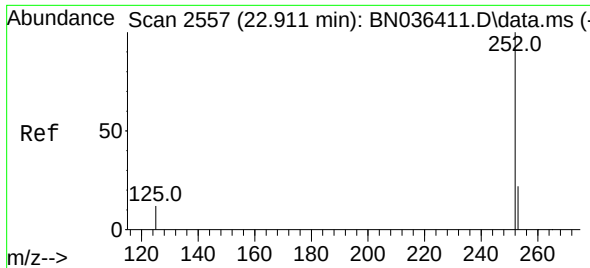
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.346 ng
RT: 25.879 min Scan# 3572
Delta R.T. -0.021 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

Tgt Ion:276 Resp: 8284
Ion Ratio Lower Upper
276 100
138 30.7 22.2 33.2
277 25.3 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.321 ng

RT: 22.899 min Scan# 2553

Delta R.T. -0.012 min

Lab File: BN036502.D

Acq: 24 Feb 2025 16:49

Instrument :

BN036502.D

ClientSampleId :

PB166832BS

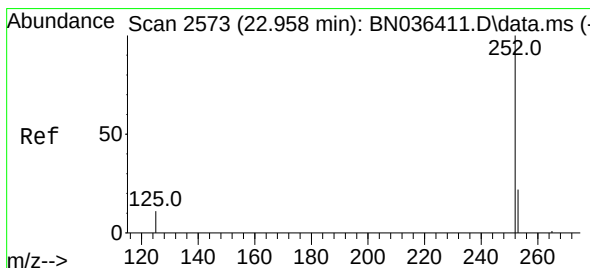
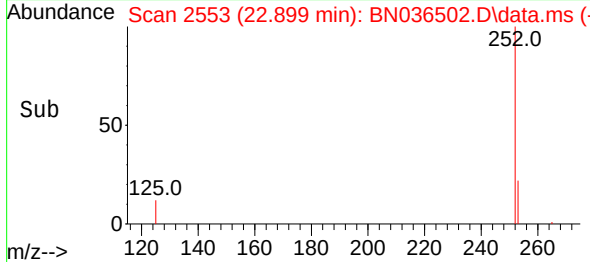
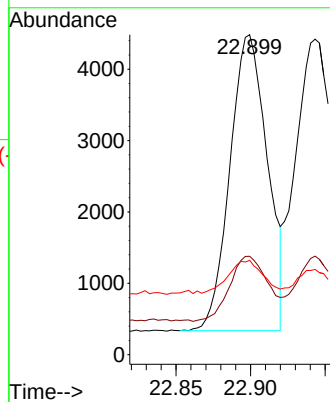
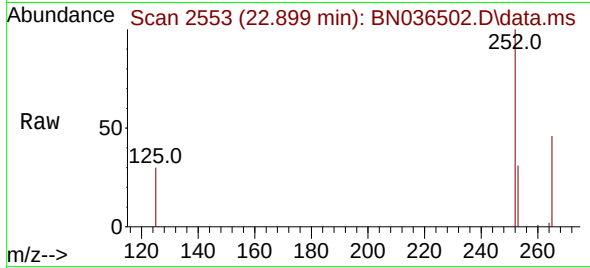
Tgt Ion:252 Resp: 7239
Ion Ratio Lower Upper
252 100
253 30.7 21.9 32.9
125 29.5 15.0 22.6

Manual Integrations

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Reviewed By :Rahul Chavli 02/25/2025

Supervised By :mohammad ahmed 02/28/2025



#38

Benzo(k)fluoranthene

Concen: 0.344 ng

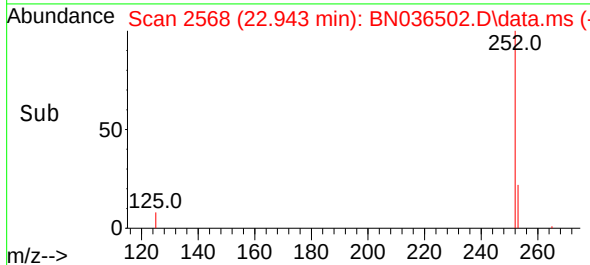
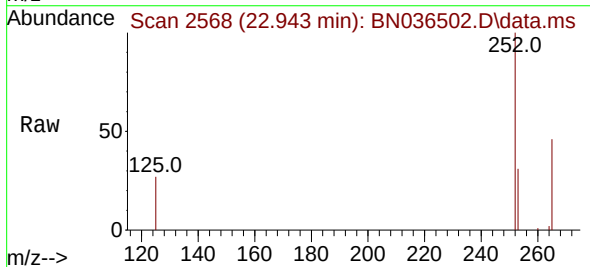
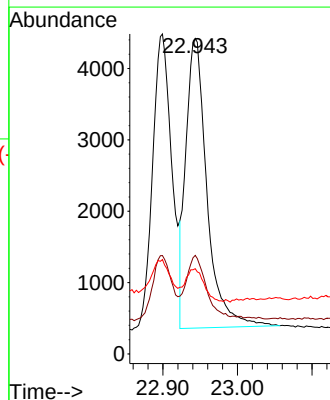
RT: 22.943 min Scan# 2568

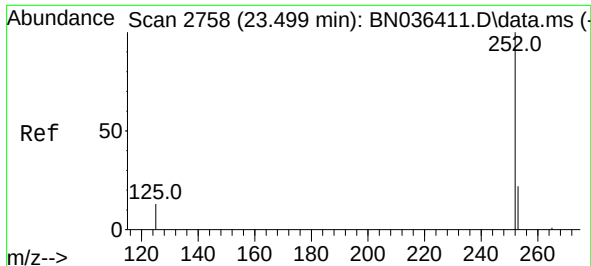
Delta R.T. -0.015 min

Lab File: BN036502.D

Acq: 24 Feb 2025 16:49

Tgt Ion:252 Resp: 7982
Ion Ratio Lower Upper
252 100
253 31.2 22.2 33.4
125 27.0 15.0 22.4





#39

Benzo(a)pyrene

Concen: 0.363 ng

RT: 23.484 min Scan# 21

Delta R.T. -0.015 min

Lab File: BN036502.D

Acq: 24 Feb 2025 16:49

Instrument :

BNA_N

ClientSampleId :

PB166832BS

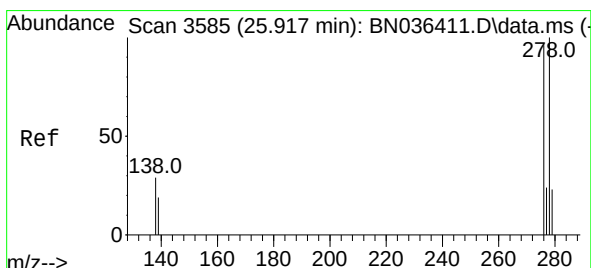
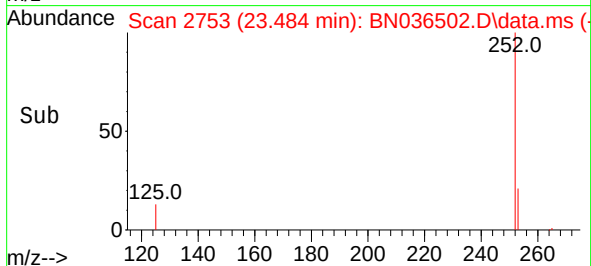
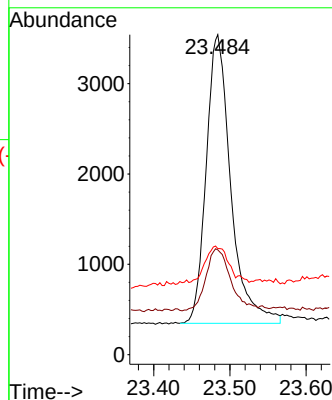
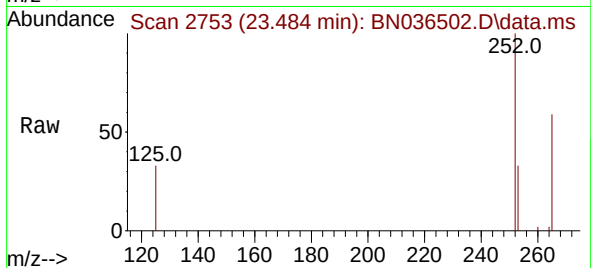
Tgt Ion:	252	Resp:	715
Ion Ratio	Lower	Upper	
252	100		
253	32.8	24.4	36.6
125	33.2	18.2	27.2

Manual Integrations

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Reviewed By :Rahul Chavli 02/25/2025

Supervised By :mohammad ahmed 02/28/2025



#40

Dibenzo(a,h)anthracene

Concen: 0.350 ng

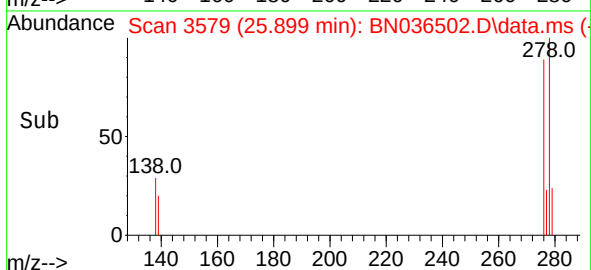
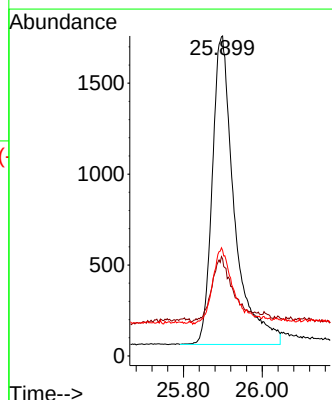
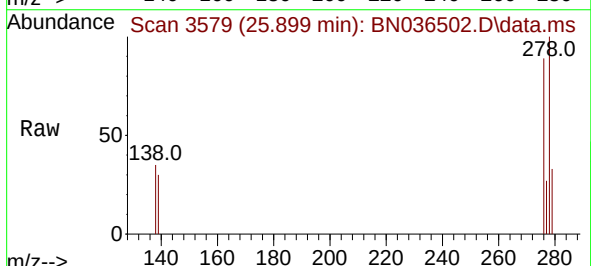
RT: 25.899 min Scan# 3579

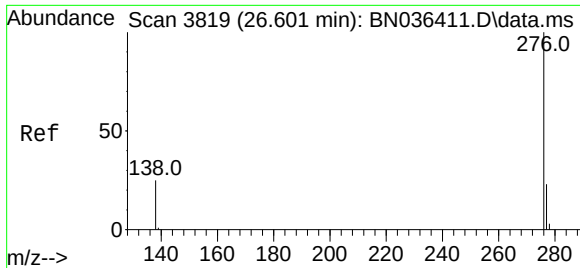
Delta R.T. -0.018 min

Lab File: BN036502.D

Acq: 24 Feb 2025 16:49

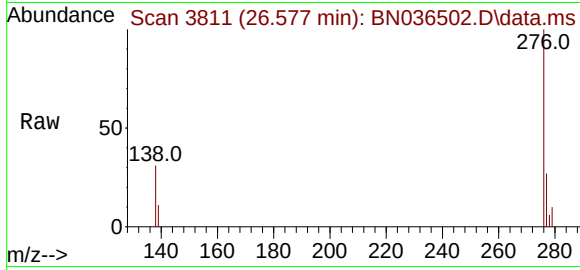
Tgt Ion:	278	Resp:	6612
Ion Ratio	Lower	Upper	
278	100		
139	30.3	18.5	27.7
279	33.0	24.8	37.2





#41
Benzo(g,h,i)perylene
Concen: 0.313 ng
RT: 26.577 min Scan# 3811
Delta R.T. -0.024 min
Lab File: BN036502.D
Acq: 24 Feb 2025 16:49

Instrument :
BNA_N
ClientSampleId :
PB166832BS



Tgt Ion: 276 Resp: 6714
Ion Ratio Lower Upper
276 100
277 26.7 20.7 31.1
138 31.4 21.8 32.6

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025

