

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022625\
 Data File : BN036512.D
 Acq On : 26 Feb 2025 16:07
 Operator : RC/JU
 Sample : PB166876BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB166876BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 02/27/2025
 Supervised By :mohammad ahmed 02/28/2025

Quant Time: Feb 26 16:36:58 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	7.739	152	2531	0.400	ng	-0.01
7) Naphthalene-d8	10.530	136	5759	0.400	ng	-0.01
13) Acenaphthene-d10	14.377	164	3208	0.400	ng	-0.01
19) Phenanthrene-d10	17.124	188	5804	0.400	ng	#-0.01
29) Chrysene-d12	21.313	240	3657	0.400	ng	# 0.00
35) Perylene-d12	23.584	264	3285	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	2271	0.380	ng	-0.01
5) Phenol-d6	6.923	99	2497	0.356	ng	-0.01
8) Nitrobenzene-d5	8.897	82	2175	0.383	ng	-0.01
11) 2-Methylnaphthalene-d10	12.126	152	3830m	0.433	ng	-0.02
14) 2,4,6-Tribromophenol	15.882	330	467	0.294	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	5925	0.491	ng	-0.01
27) Fluoranthene-d10	19.160	212	5465	0.339	ng	0.00
31) Terphenyl-d14	19.763	244	3729	0.478	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	1032	0.373	ng	# 66
3) n-Nitrosodimethylamine	3.564	42	2081	0.433	ng	93
6) bis(2-Chloroethyl)ether	7.168	93	2797	0.381	ng	99
9) Naphthalene	10.584	128	6618	0.398	ng	99
10) Hexachlorobutadiene	10.872	225	1683	0.416	ng	# 99
12) 2-Methylnaphthalene	12.202	142	4224	0.388	ng	98
16) Acenaphthylene	14.099	152	6576	0.464	ng	99
17) Acenaphthene	14.441	154	4081	0.431	ng	99
18) Fluorene	15.435	166	5322	0.395	ng	99
20) 4,6-Dinitro-2-methylph...	15.522	198	352	0.309	ng	94
21) 4-Bromophenyl-phenylether	16.329	248	1533	0.443	ng	# 80
22) Hexachlorobenzene	16.441	284	1936	0.453	ng	95
23) Atrazine	16.602	200	1219	0.422	ng	96
24) Pentachlorophenol	16.789	266	1174	0.578	ng	98
25) Phenanthrene	17.161	178	7256	0.433	ng	100
26) Anthracene	17.260	178	6809	0.460	ng	99
28) Fluoranthene	19.192	202	7477	0.363	ng	99
30) Pyrene	19.554	202	7603	0.540	ng	99
32) Benzo(a)anthracene	21.304	228	5112	0.425	ng	98
33) Chrysene	21.357	228	5975	0.459	ng	99
34) Bis(2-ethylhexyl)phtha...	21.232	149	3504	0.467	ng	99
36) Indeno(1,2,3-cd)pyrene	25.884	276	5525	0.481	ng	100
37) Benzo(b)fluoranthene	22.899	252	4703	0.435	ng	# 92
38) Benzo(k)fluoranthene	22.946	252	5500	0.494	ng	# 91
39) Benzo(a)pyrene	23.487	252	4670	0.495	ng	# 88
40) Dibenzo(a,h)anthracene	25.902	278	4122	0.455	ng	# 90
41) Benzo(g,h,i)perylene	26.577	276	4481	0.436	ng	96

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

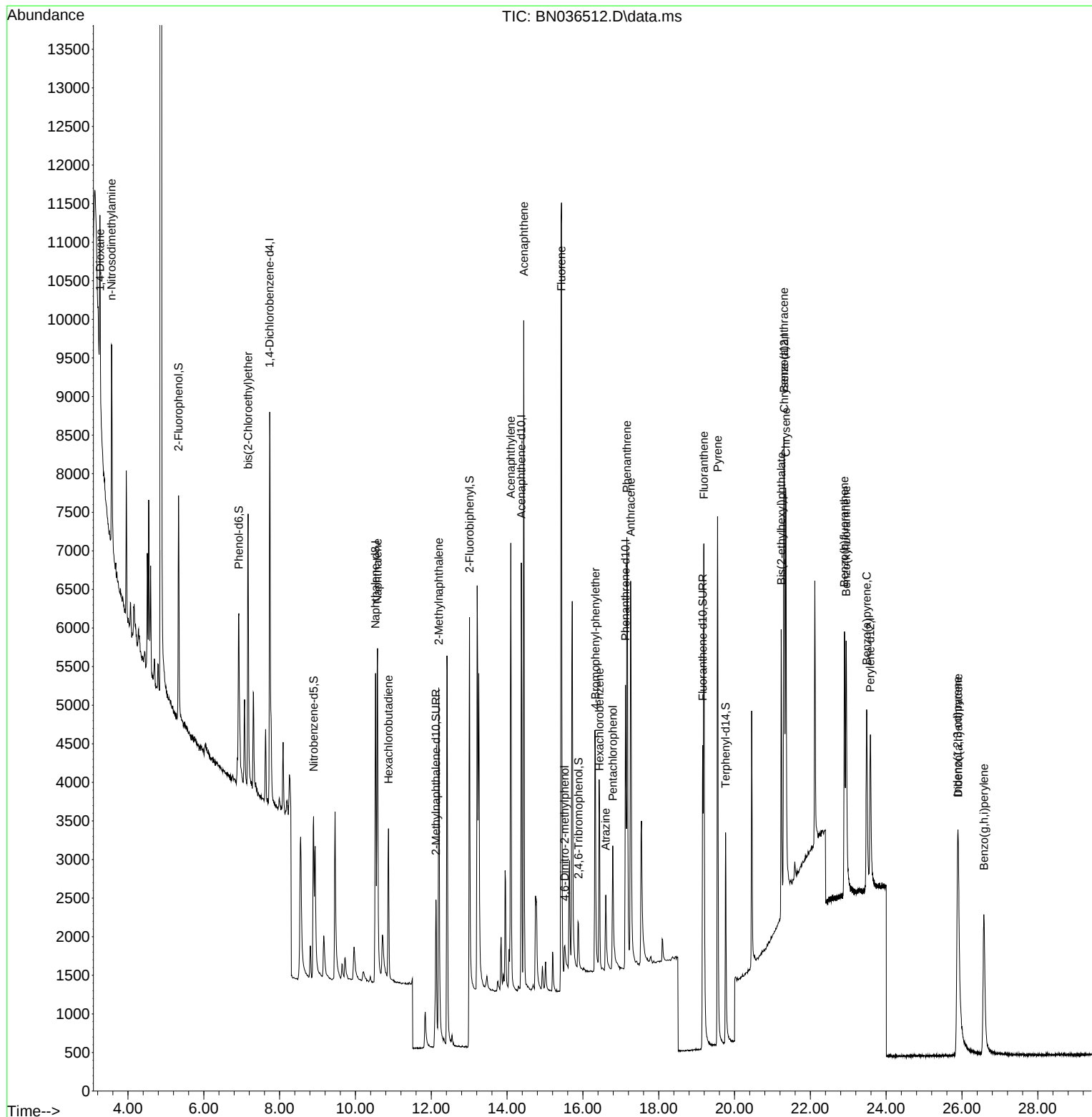
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022625\
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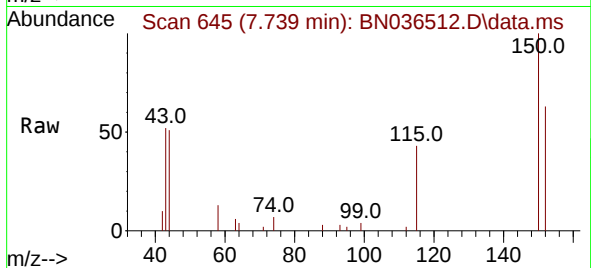
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.739 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

Instrument :

BNA_N

ClientSampleId :

PB166876BS

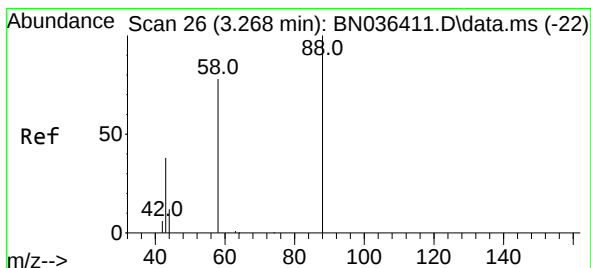
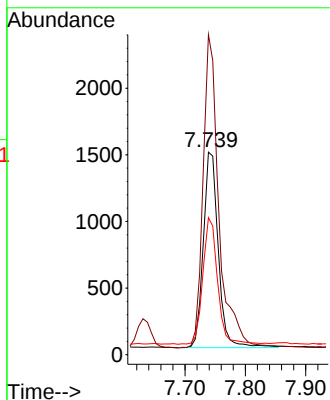
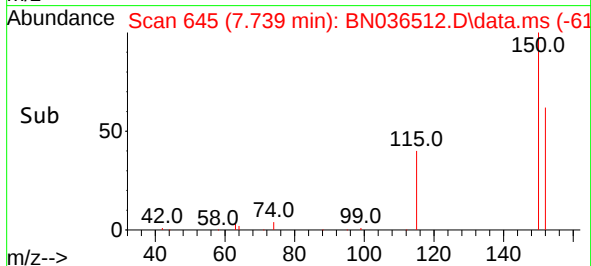


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Ion Ratio Lower Upper
152 100
150 158.0 123.7 185.5
115 67.6 52.5 78.7

Manual Integrations

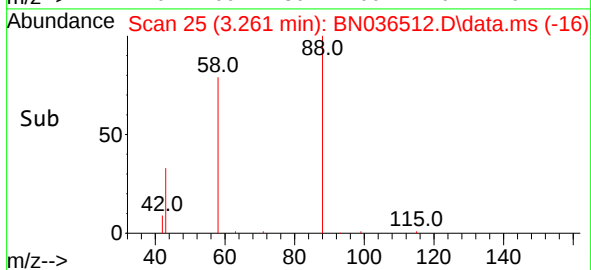
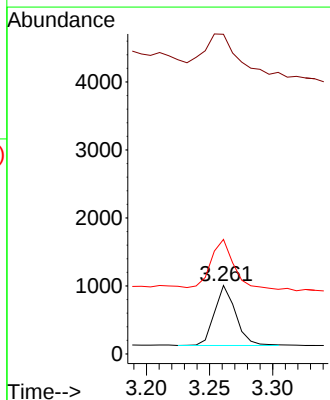
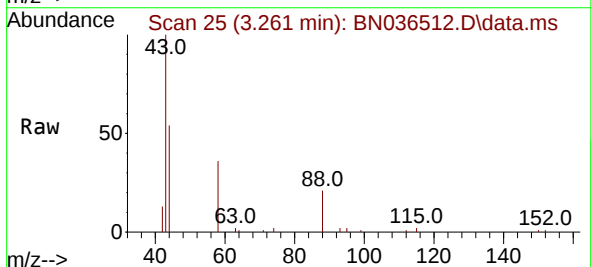
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Supervised By :mohammad ahmed 02/28/2025



#2
1,4-Dioxane
Concen: 0.373 ng
RT: 3.261 min Scan# 25
Delta R.T. -0.007 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

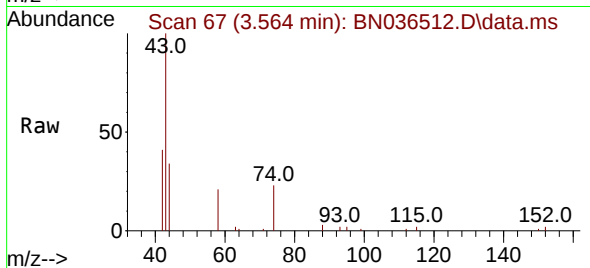
Tgt Ion: 88 Resp: 1032
Ion Ratio Lower Upper
88 100
43 102.6 33.7 50.5#
58 90.2 68.9 103.3





#3
n-Nitrosodimethylamine
Concen: 0.433 ng
RT: 3.564 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

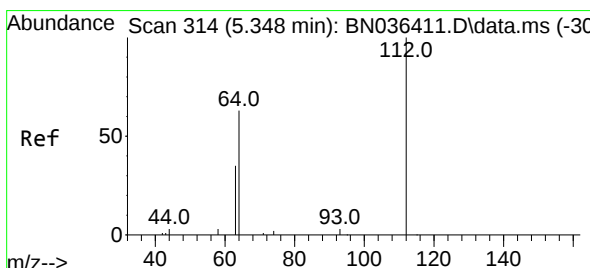
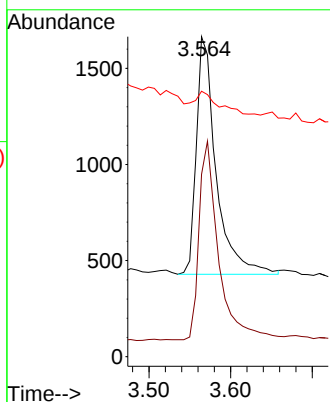
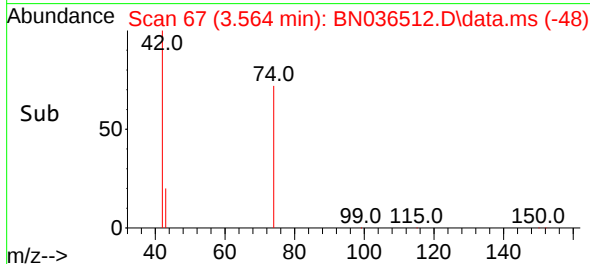
Instrument :
BNA_N
ClientSampleId :
PB166876BS



Tgt Ion: 42 Resp: 208
Ion Ratio Lower Upper
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74 82.7 71.8 107.6
44 11.4 7.8 11.6

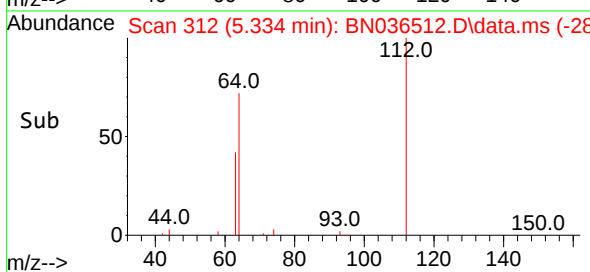
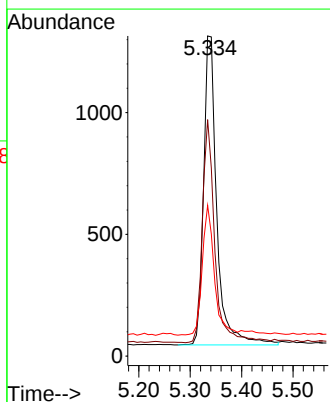
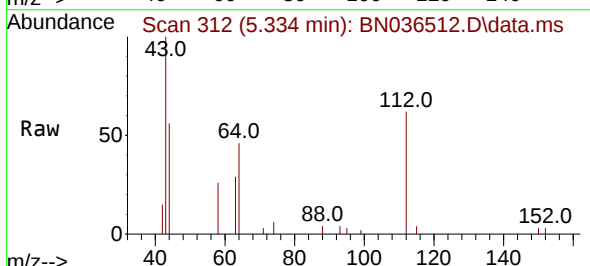
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#4
2-Fluorophenol
Concen: 0.380 ng
RT: 5.334 min Scan# 312
Delta R.T. -0.015 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

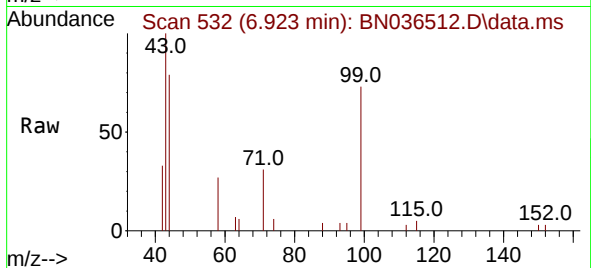
Tgt Ion:112 Resp: 2271
Ion Ratio Lower Upper
112 100
64 68.0 53.4 80.0
63 38.2 30.3 45.5





#5
Phenol-d6
Concen: 0.356 ng
RT: 6.923 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

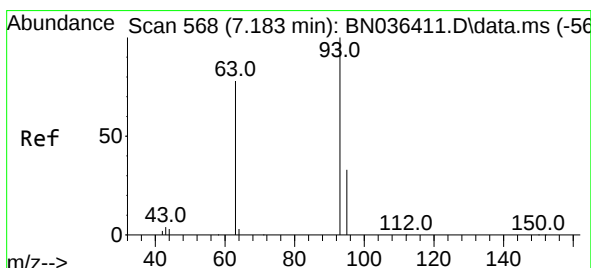
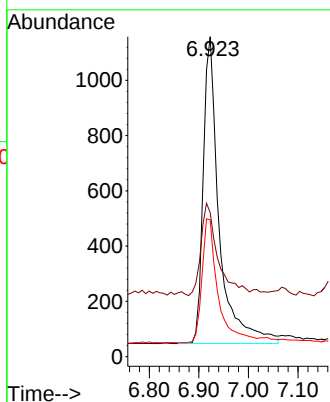
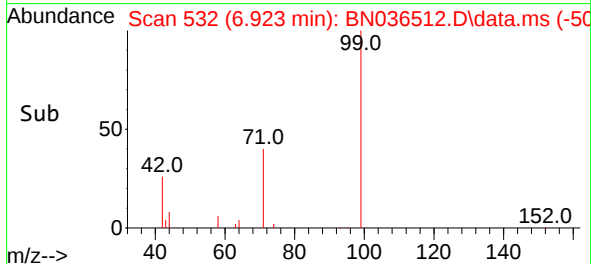
Instrument :
BNA_N
ClientSampleId :
PB166876BS



Tgt Ion: 99 Resp: 249
Ion Ratio Lower Upper
99 100
42 31.8 21.7 32.5
71 40.2 32.6 49.0

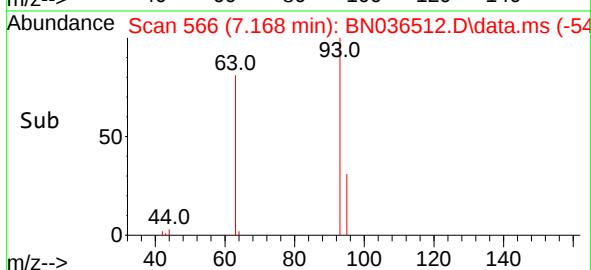
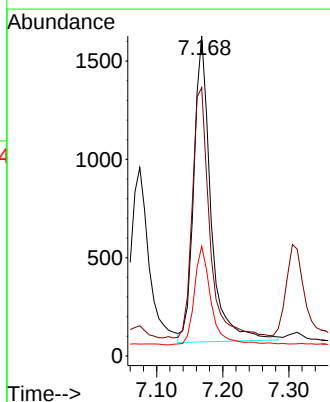
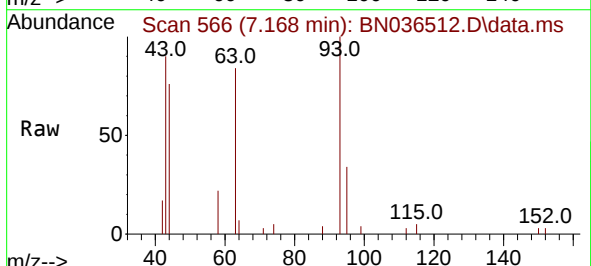
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#6
bis(2-Chloroethyl)ether
Concen: 0.381 ng
RT: 7.168 min Scan# 566
Delta R.T. -0.015 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

Tgt Ion: 93 Resp: 2797
Ion Ratio Lower Upper
93 100
63 83.2 66.3 99.5
95 31.7 26.2 39.4





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

Instrument :

BNA_N

ClientSampleId :

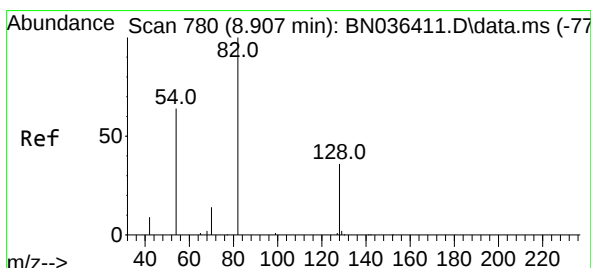
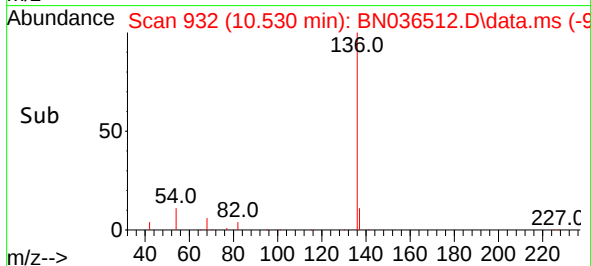
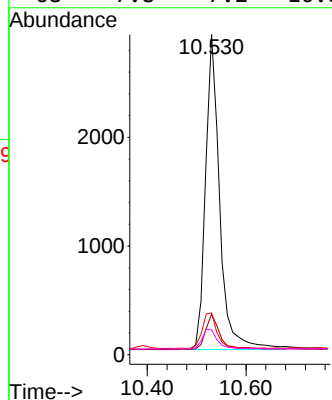
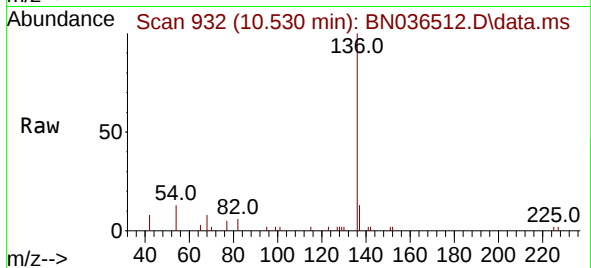
PB166876BS

Tgt Ion:136 Resp: 575
Ion Ratio Lower Upper
136 100
137 12.6 10.1 15.1
54 13.1 11.8 17.6
68 7.8 7.2 10.8

Manual Integrations

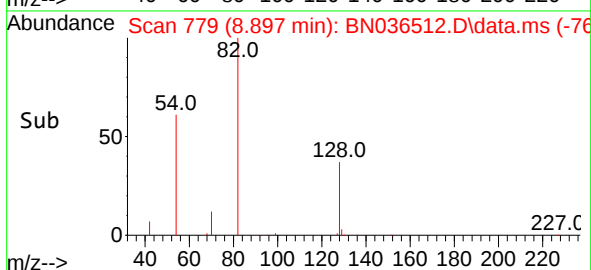
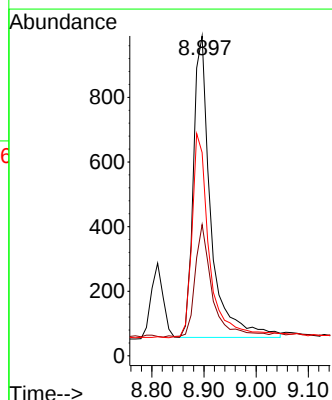
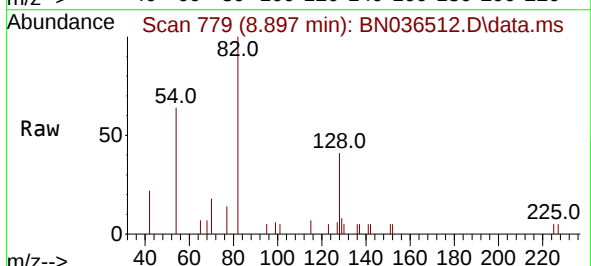
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#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 8.897 min Scan# 779
Delta R.T. -0.011 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

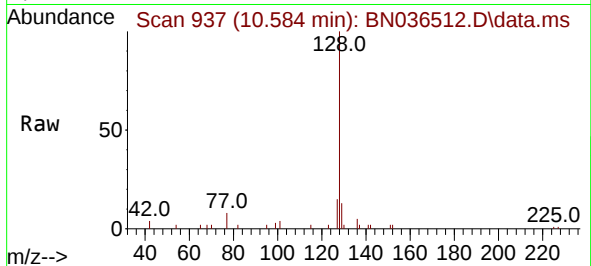
Tgt Ion: 82 Resp: 2175
Ion Ratio Lower Upper
82 100
128 41.0 31.9 47.9
54 63.5 53.1 79.7





#9
Naphthalene
Concen: 0.398 ng
RT: 10.584 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

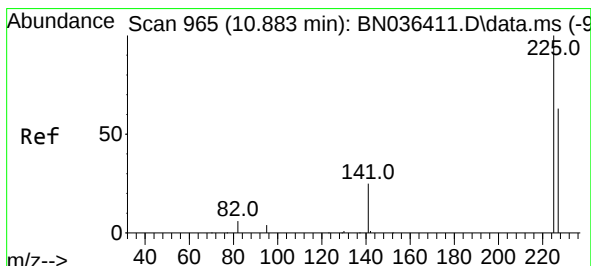
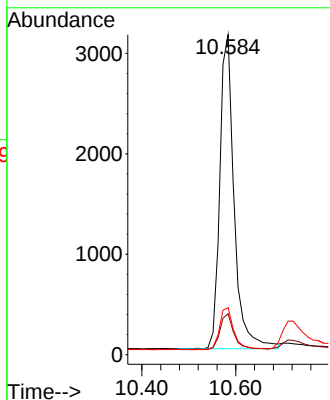
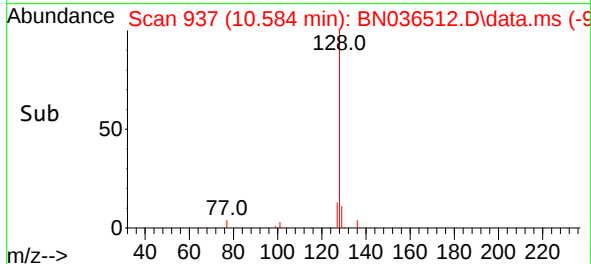
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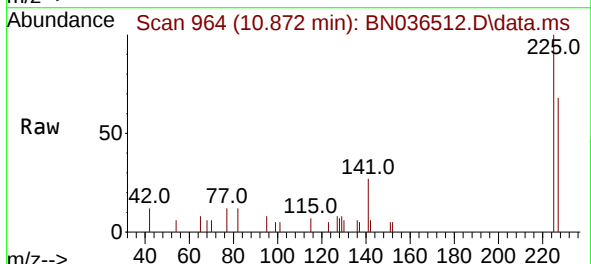
Tgt Ion:128 Resp: 6618
Ion Ratio Lower Upper
128 100
129 12.8 9.6 14.4
127 14.7 12.0 18.0

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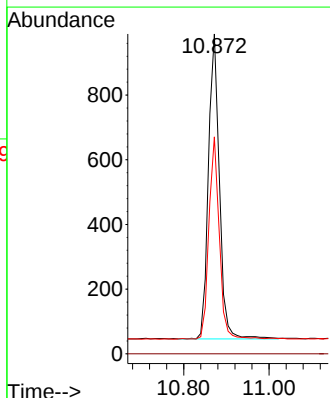
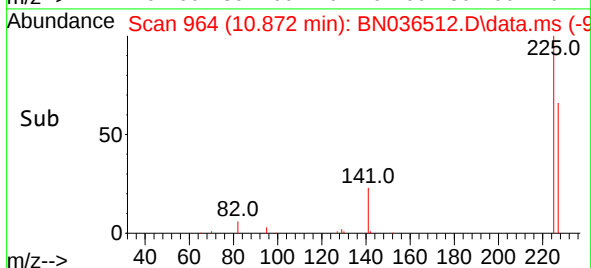
Reviewed By :Rahul Chavli 02/27/2025
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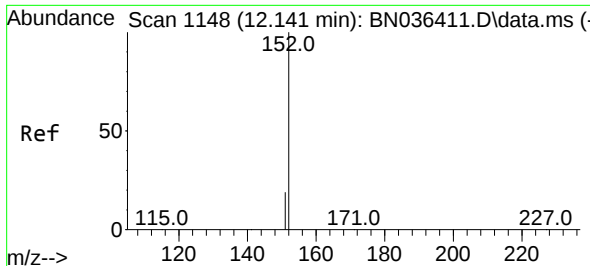


#10
Hexachlorobutadiene
Concen: 0.416 ng
RT: 10.872 min Scan# 964
Delta R.T. -0.011 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07



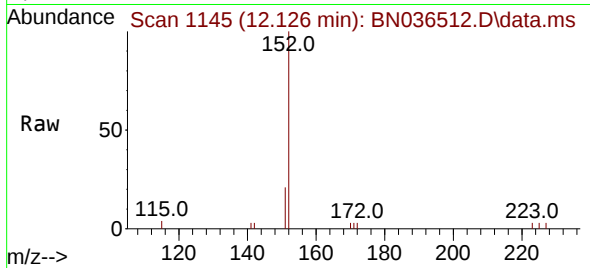
Tgt Ion:225 Resp: 1683
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 62.4 50.9 76.3





#11
2-Methylnaphthalene-d10
Concen: 0.433 ng m
RT: 12.126 min Scan# 1145
Delta R.T. -0.015 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

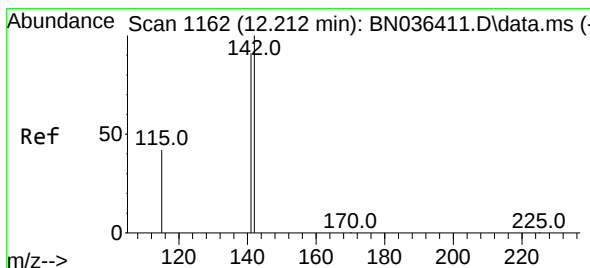
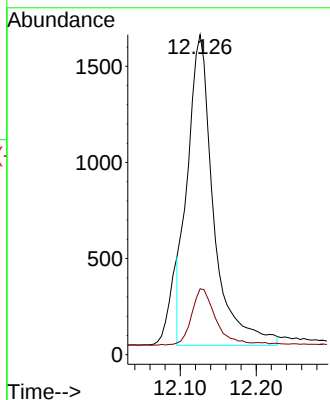
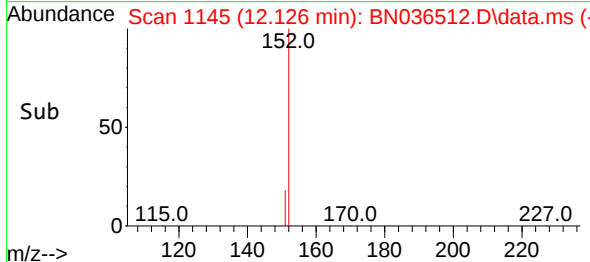
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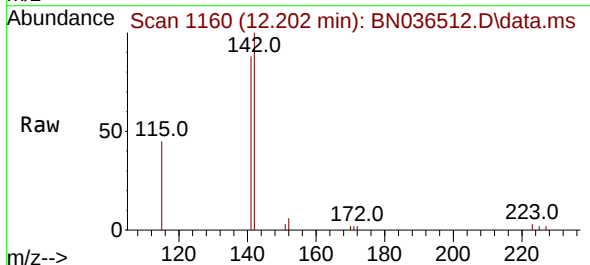
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Ion Ratio Lower Upper
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151 17.0 16.6 25.0

Manual Integrations
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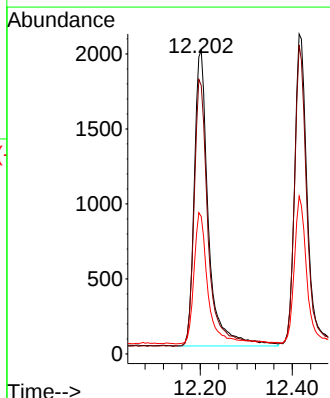
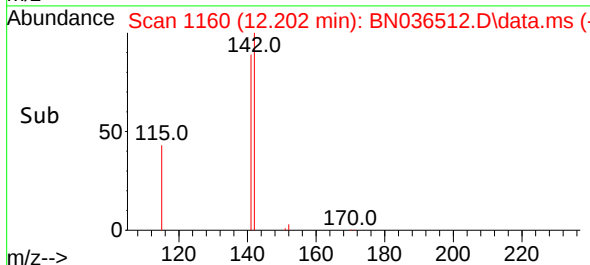
Reviewed By :Rahul Chavli 02/27/2025
Supervised By :mohammad ahmed 02/28/2025

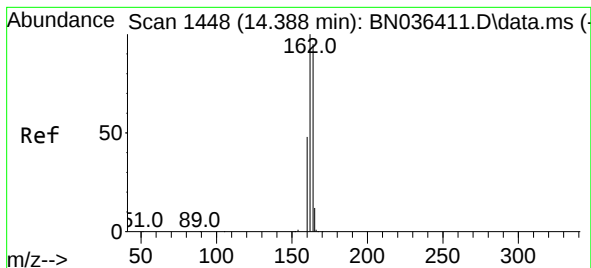


#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.202 min Scan# 1160
Delta R.T. -0.010 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07



Tgt Ion:142 Resp: 4224
Ion Ratio Lower Upper
142 100
141 88.4 72.8 109.2
115 45.3 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: BN036512.D

Acq: 26 Feb 2025 16:07

Instrument :

BNA_N

ClientSampleId :

PB166876BS

Tgt Ion:164 Resp: 320

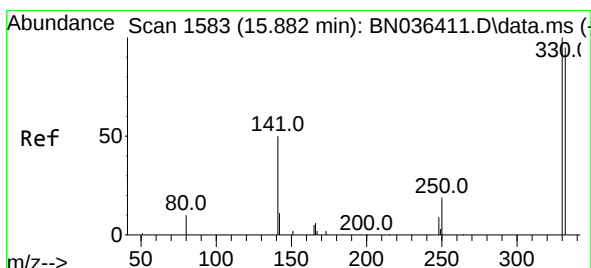
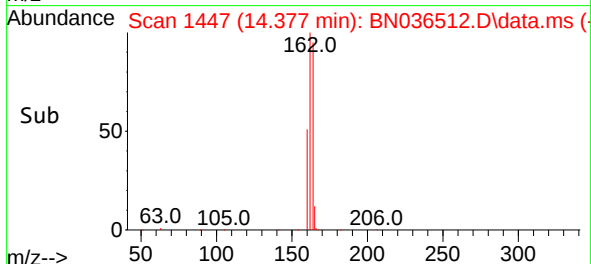
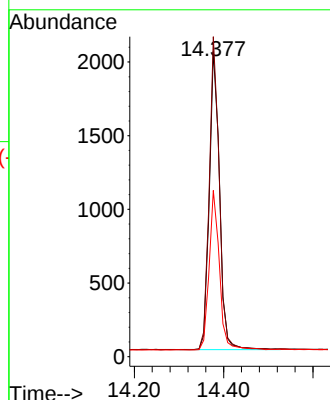
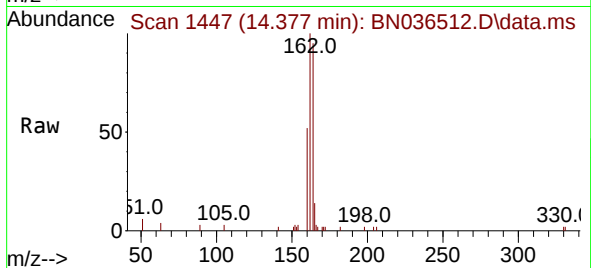
Ion	Ratio	Lower	Upper
164	100		
162	104.8	84.1	126.1
160	54.5	41.4	62.0

Manual Integrations

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#14

2,4,6-Tribromophenol

Concen: 0.294 ng

RT: 15.882 min Scan# 1583

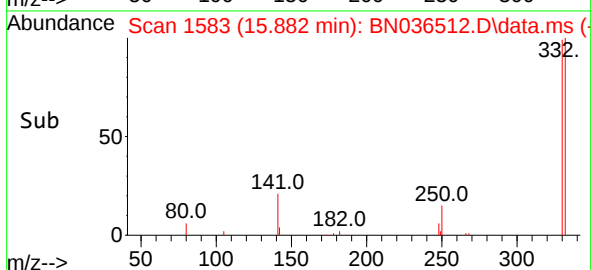
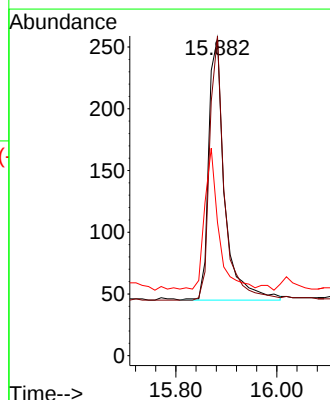
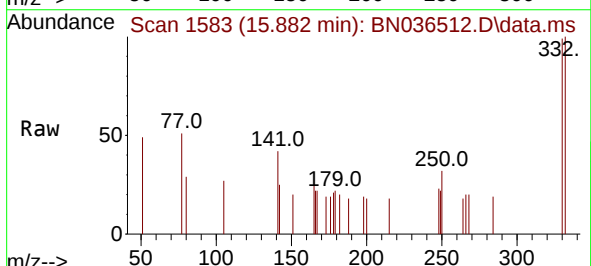
Delta R.T. -0.000 min

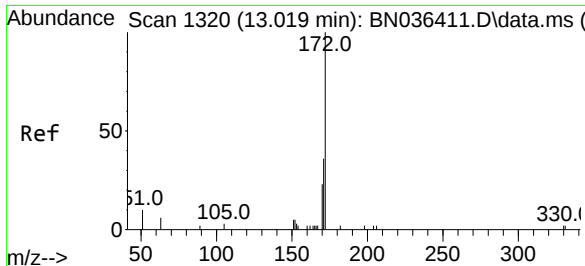
Lab File: BN036512.D

Acq: 26 Feb 2025 16:07

Tgt Ion:330 Resp: 467

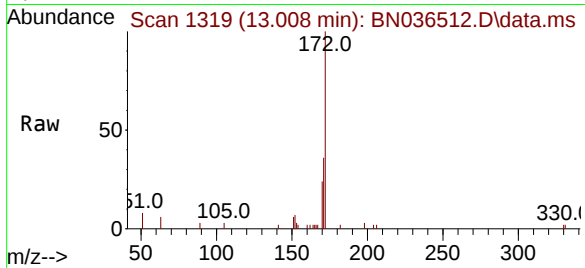
Ion	Ratio	Lower	Upper
330	100		
332	93.1	76.6	114.8
141	49.7	37.8	56.8





#15
2-Fluorobiphenyl
Concen: 0.491 ng
RT: 13.008 min Scan# 1319
Delta R.T. -0.011 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

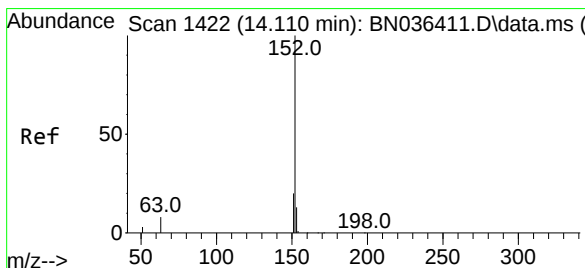
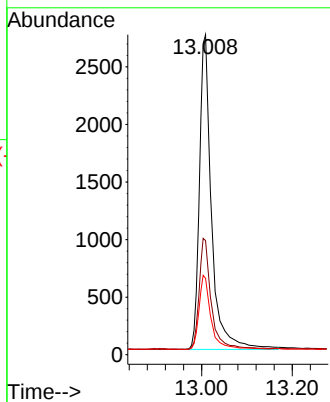
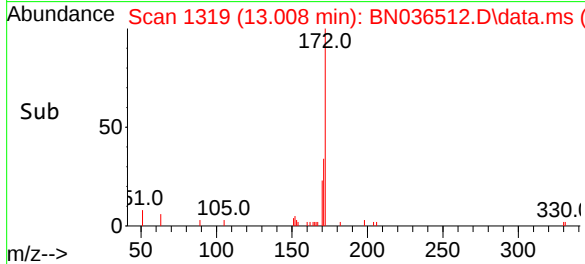
Instrument :
BNA_N
ClientSampleId :
PB166876BS



Tgt Ion:172 Resp: 5925
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.9 19.8 29.6

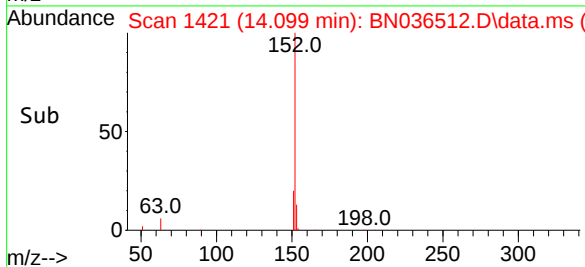
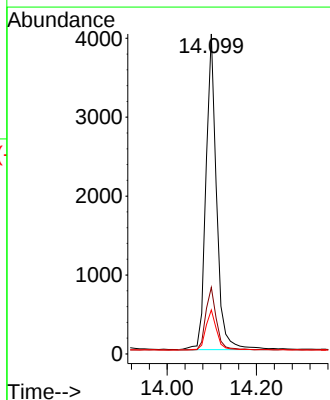
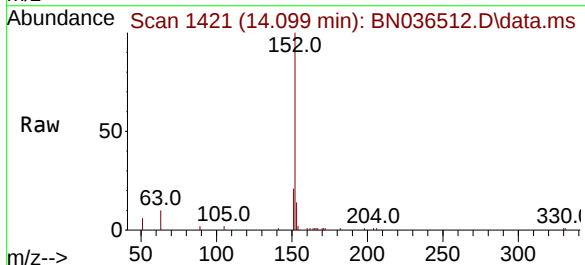
Manual Integrations
APPROVED

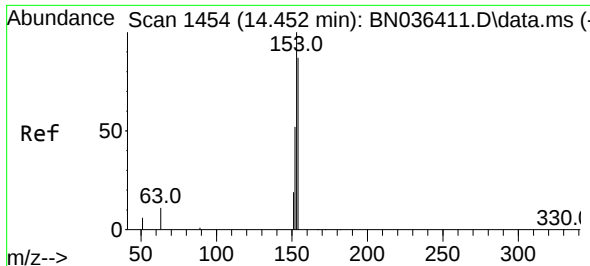
Reviewed By :Rahul Chavli 02/27/2025
Supervised By :mohammad ahmed 02/28/2025



#16
Acenaphthylene
Concen: 0.464 ng
RT: 14.099 min Scan# 1421
Delta R.T. -0.011 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

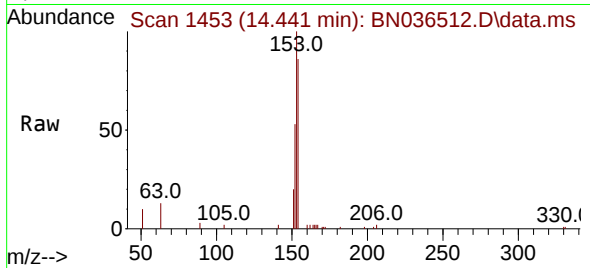
Tgt Ion:152 Resp: 6576
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.0 10.2 15.2





#17
Acenaphthene
Concen: 0.431 ng
RT: 14.441 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

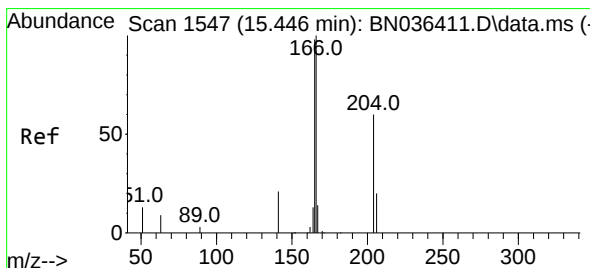
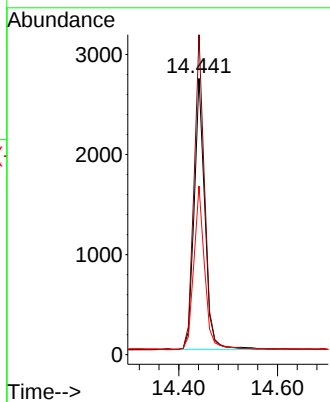
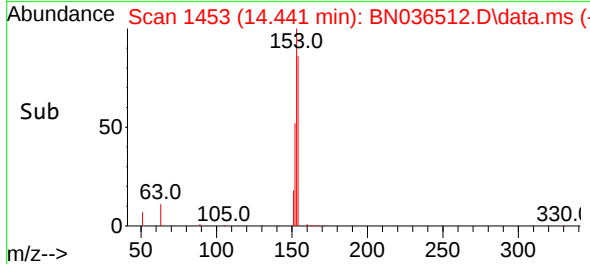
Instrument :
BNA_N
ClientSampleId :
PB166876BS



Tgt Ion:154 Resp: 408
Ion Ratio Lower Upper
154 100
153 115.4 93.3 139.9
152 60.6 48.8 73.2

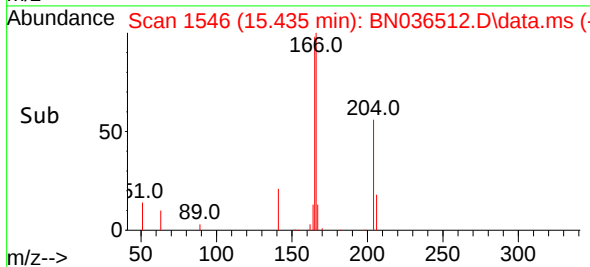
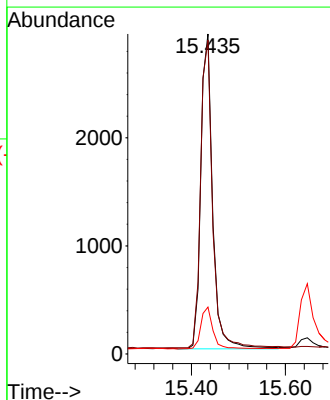
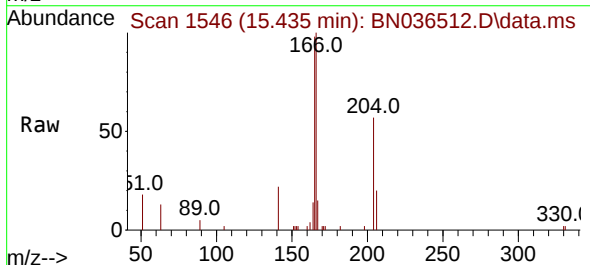
Manual Integrations
APPROVED

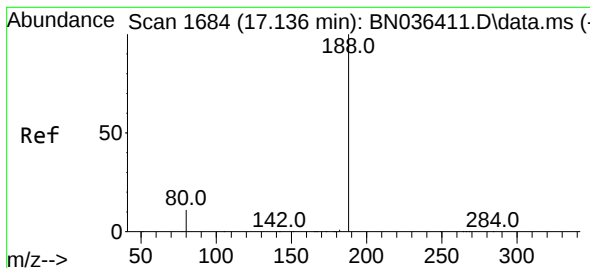
Reviewed By :Rahul Chavli 02/27/2025
Supervised By :mohammad ahmed 02/28/2025



#18
Fluorene
Concen: 0.395 ng
RT: 15.435 min Scan# 1546
Delta R.T. -0.011 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

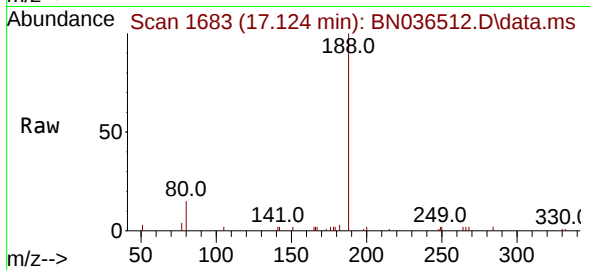
Tgt Ion:166 Resp: 5322
Ion Ratio Lower Upper
166 100
165 98.2 79.5 119.3
167 13.2 10.4 15.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.124 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

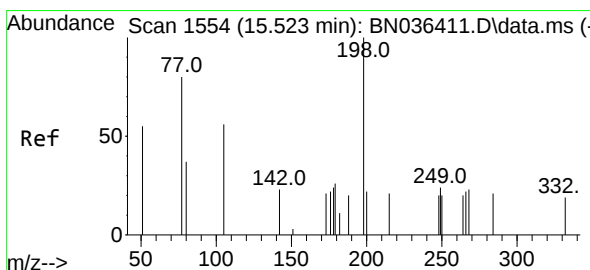
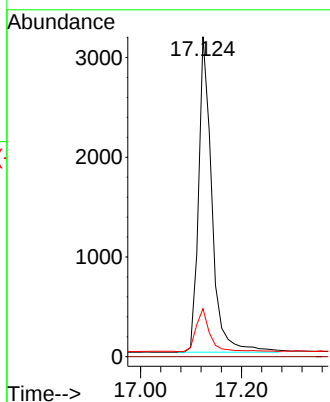
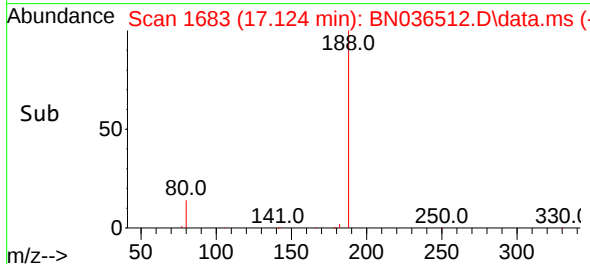
Instrument :
BNA_N
ClientSampleId :
PB166876BS



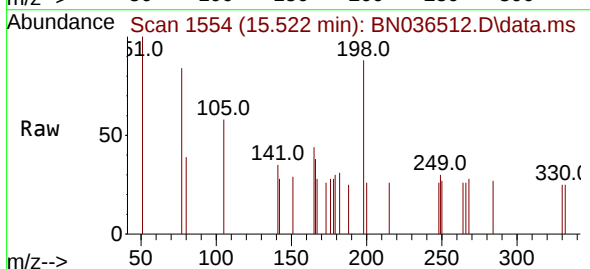
Tgt Ion:188 Resp: 5804
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.0 9.8 14.6

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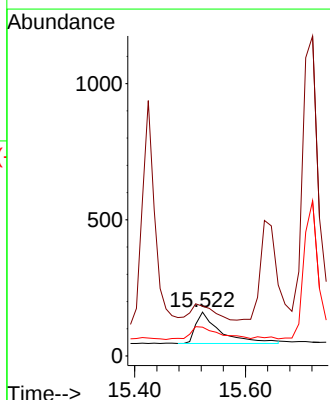
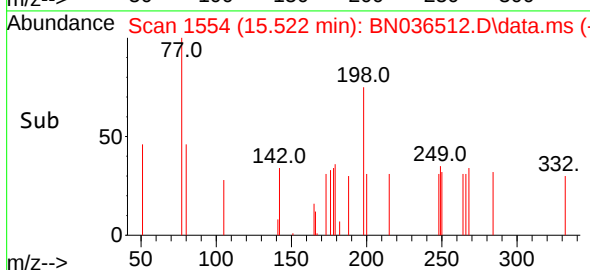
Reviewed By :Rahul Chavli 02/27/2025
Supervised By :mohammad ahmed 02/28/2025

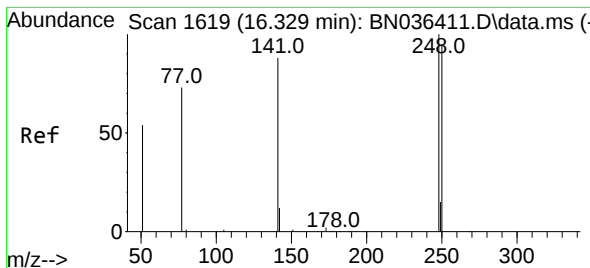


#20
4,6-Dinitro-2-methylphenol
Concen: 0.309 ng
RT: 15.522 min Scan# 1554
Delta R.T. -0.001 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07



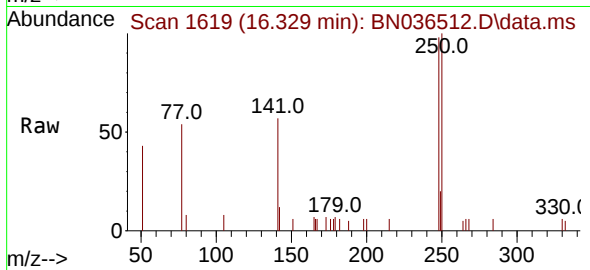
Tgt Ion:198 Resp: 352
Ion Ratio Lower Upper
198 100
51 113.7 86.6 129.8
105 65.8 57.5 86.3





#21
4-Bromophenyl-phenylether
Concen: 0.443 ng
RT: 16.329 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

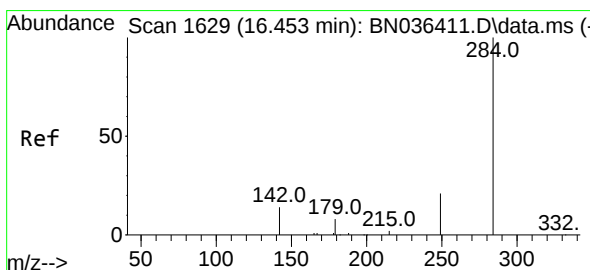
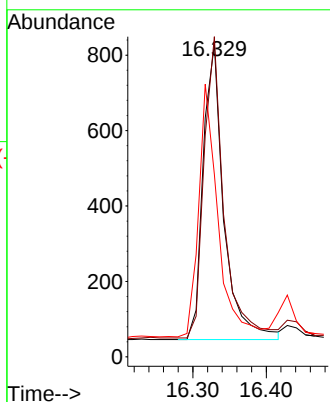
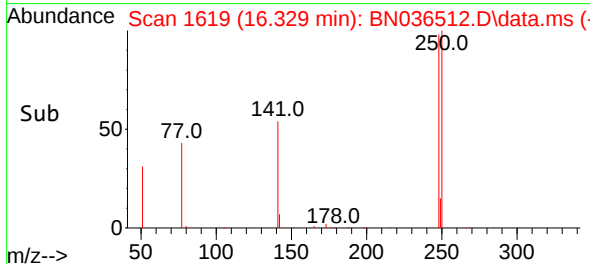
Instrument :
BNA_N
ClientSampleId :
PB166876BS



Tgt Ion:248 Resp: 153
Ion Ratio Lower Upper
248 100
250 102.4 76.1 114.1
141 58.4 71.7 107.5

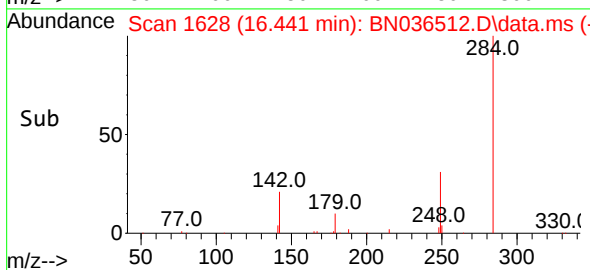
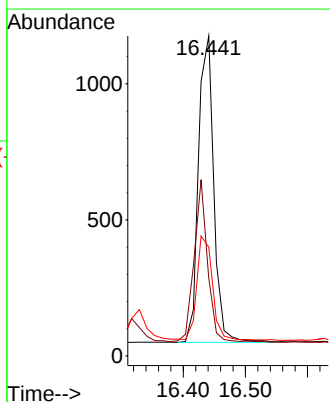
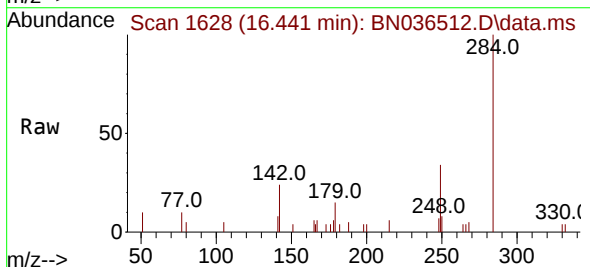
Manual Integrations
APPROVED

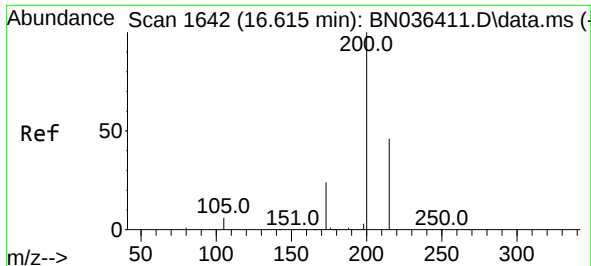
Reviewed By :Rahul Chavli 02/27/2025
Supervised By :mohammad ahmed 02/28/2025



#22
Hexachlorobenzene
Concen: 0.453 ng
RT: 16.441 min Scan# 1628
Delta R.T. -0.012 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

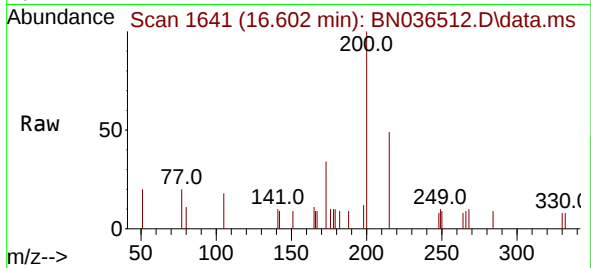
Tgt Ion:284 Resp: 1936
Ion Ratio Lower Upper
284 100
142 47.2 33.4 50.0
249 35.3 28.6 43.0





#23
Atrazine
Concen: 0.422 ng
RT: 16.602 min Scan# 1641
Delta R.T. -0.012 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

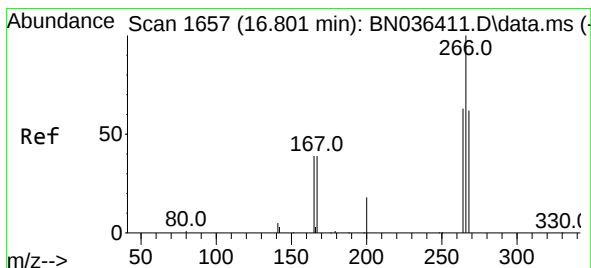
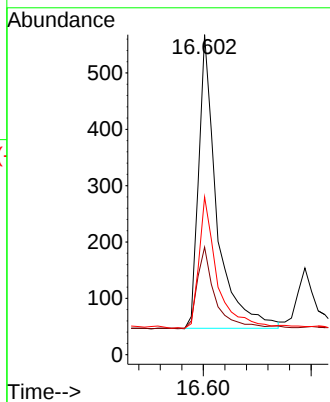
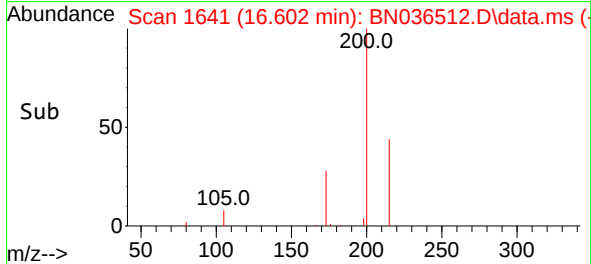
Instrument :
BNA_N
ClientSampleId :
PB166876BS



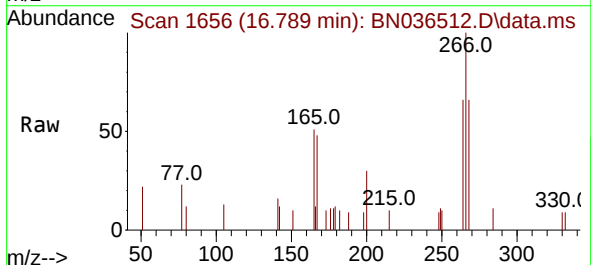
Tgt Ion:200 Resp: 1219
Ion Ratio Lower Upper
200 100
173 33.6 23.2 34.8
215 49.3 40.0 60.0

Manual Integrations
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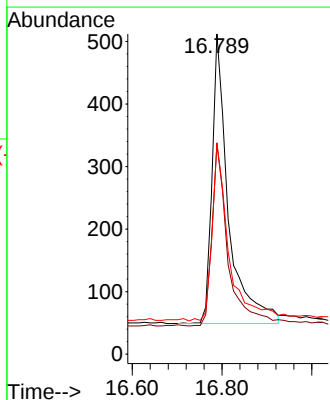
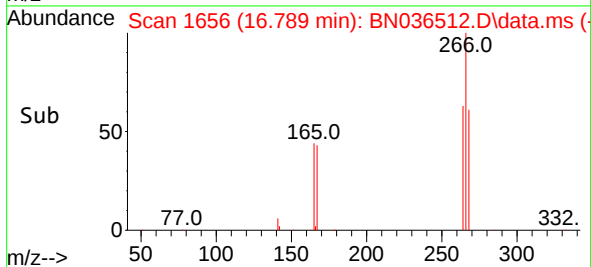
Reviewed By :Rahul Chavli 02/27/2025
Supervised By :mohammad ahmed 02/28/2025

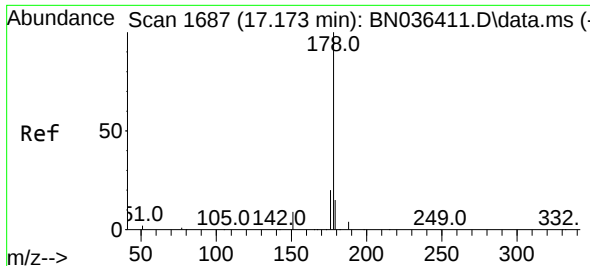


#24
Pentachlorophenol
Concen: 0.578 ng
RT: 16.789 min Scan# 1656
Delta R.T. -0.012 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07



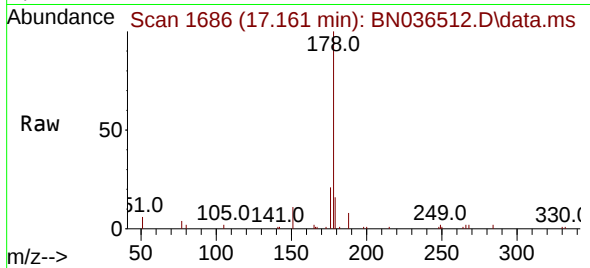
Tgt Ion:266 Resp: 1174
Ion Ratio Lower Upper
266 100
264 62.8 50.6 76.0
268 63.0 51.9 77.9





#25
Phenanthrene
Concen: 0.433 ng
RT: 17.161 min Scan# 1686
Delta R.T. -0.012 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

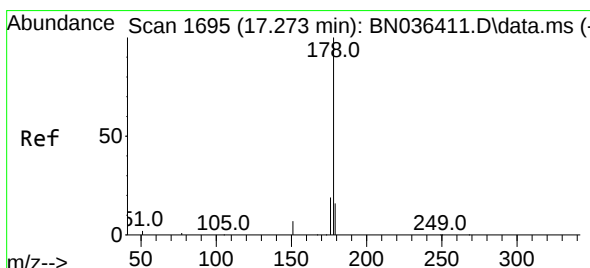
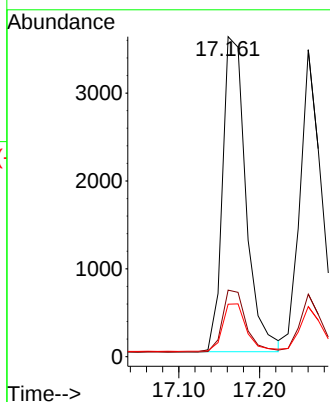
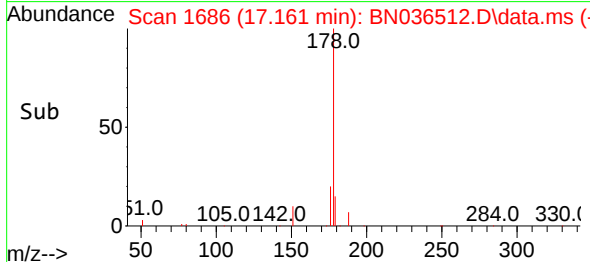
Instrument :
BNA_N
ClientSampleId :
PB166876BS



Tgt Ion:178 Resp: 7250
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.6 12.4 18.6

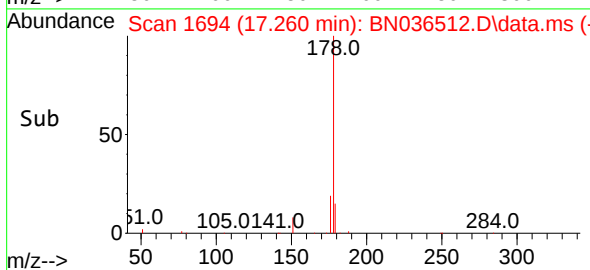
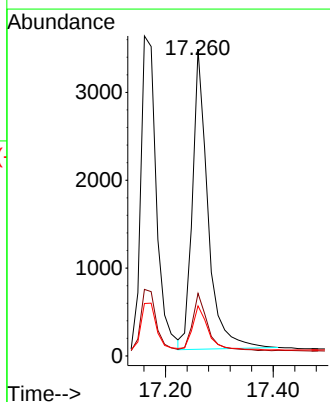
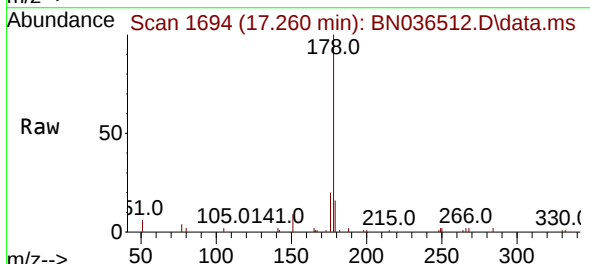
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 02/27/2025
Supervised By :mohammad ahmed 02/28/2025



#26
Anthracene
Concen: 0.460 ng
RT: 17.260 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

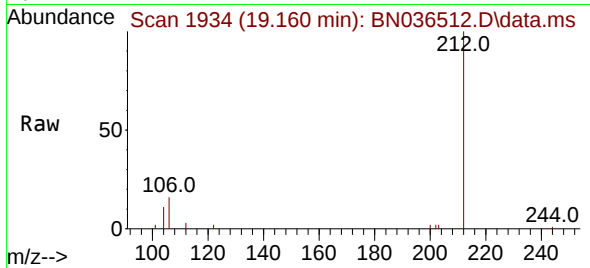
Tgt Ion:178 Resp: 6809
Ion Ratio Lower Upper
178 100
176 19.1 14.9 22.3
179 15.3 12.4 18.6





#27
Fluoranthene-d10
Concen: 0.339 ng
RT: 19.160 min Scan# 1936
Delta R.T. -0.009 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

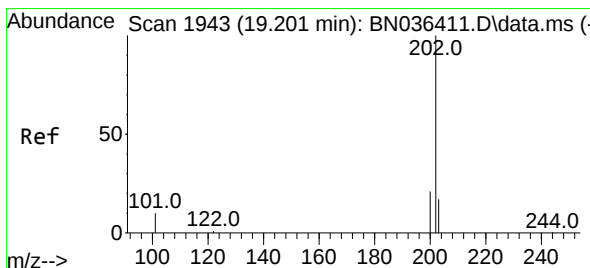
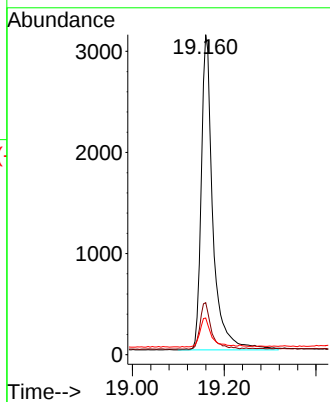
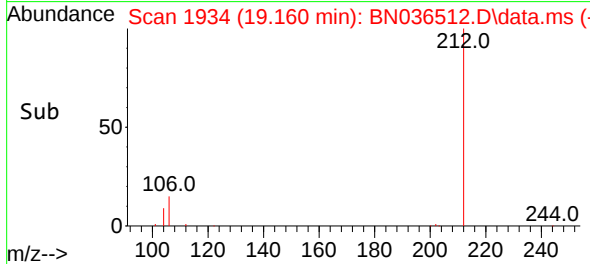
Instrument :
BNA_N
ClientSampleId :
PB166876BS



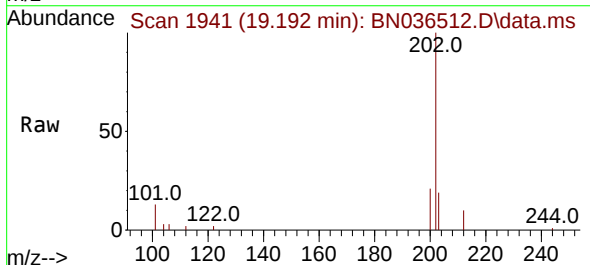
Tgt Ion:212 Resp: 546
Ion Ratio Lower Upper
212 100
106 14.3 11.5 17.3
104 9.0 7.1 10.7

Manual Integrations
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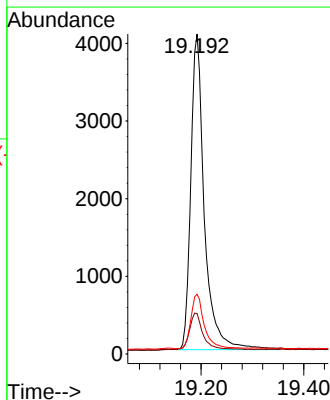
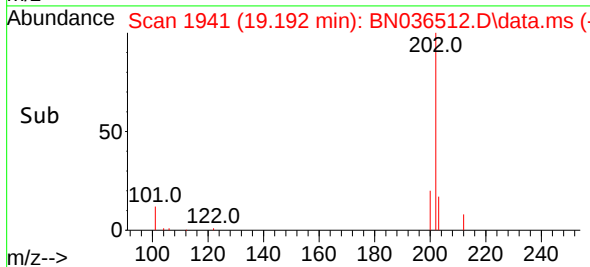
Reviewed By :Rahul Chavli 02/27/2025
Supervised By :mohammad ahmed 02/28/2025

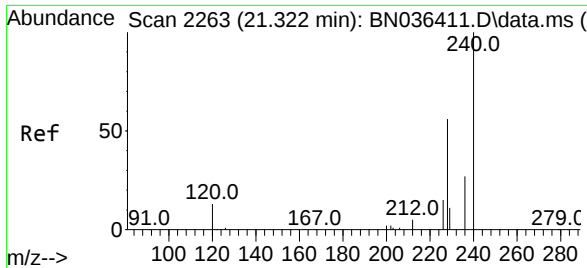


#28
Fluoranthene
Concen: 0.363 ng
RT: 19.192 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07



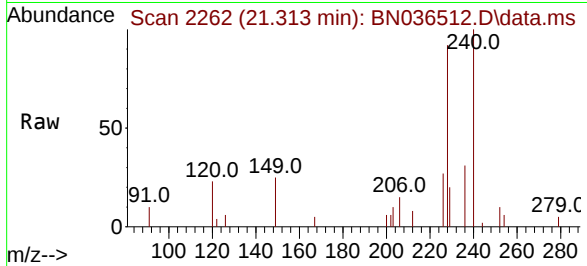
Tgt Ion:202 Resp: 7477
Ion Ratio Lower Upper
202 100
101 12.1 9.2 13.8
203 17.2 13.4 20.0





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.313 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

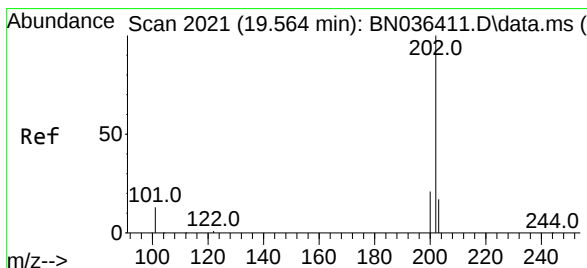
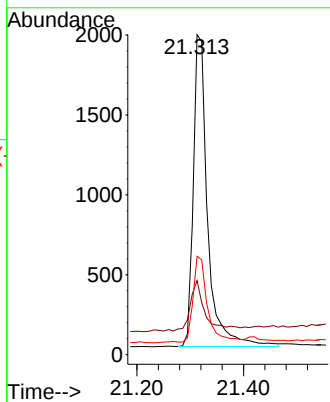
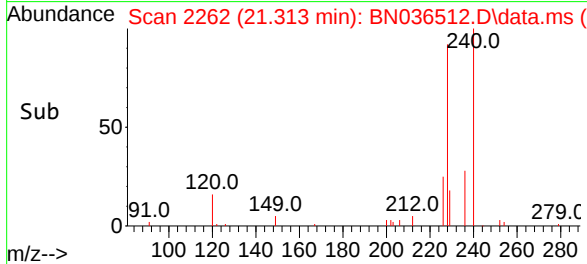
Instrument :
BNA_N
ClientSampleId :
PB166876BS



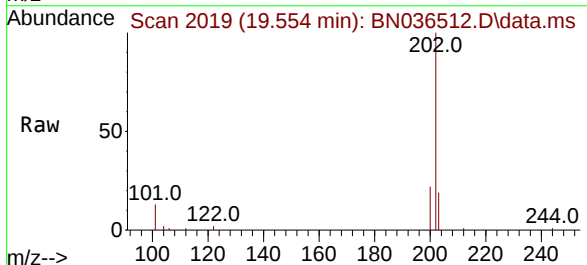
Tgt Ion:240 Resp: 365
Ion Ratio Lower Upper
240 100
120 23.2 13.3 19.9
236 30.8 23.0 34.6

Manual Integrations
APPROVED

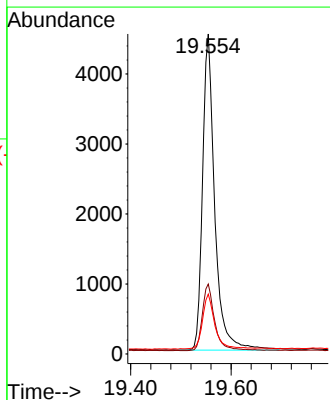
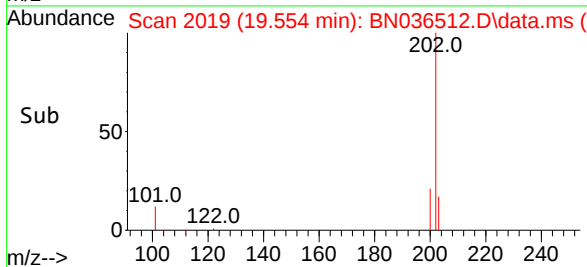
Reviewed By :Rahul Chavli 02/27/2025
Supervised By :mohammad ahmed 02/28/2025

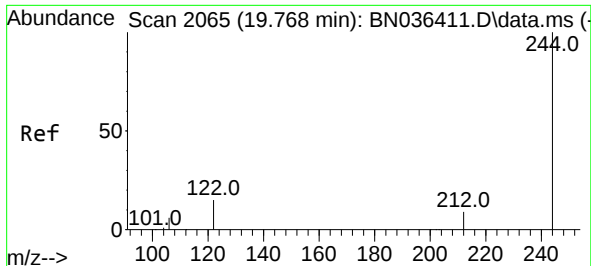


#30
Pyrene
Concen: 0.540 ng
RT: 19.554 min Scan# 2019
Delta R.T. -0.009 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07



Tgt Ion:202 Resp: 7603
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 18.0 13.9 20.9





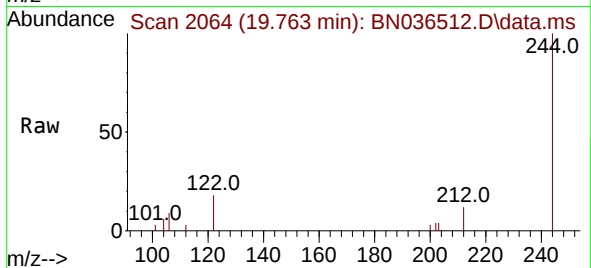
#31
 Terphenyl-d14
 Concen: 0.478 ng
 RT: 19.763 min Scan# 2064
 Delta R.T. -0.005 min
 Lab File: BN036512.D
 Acq: 26 Feb 2025 16:07

Instrument :

BNA_N

ClientSampleId :

PB166876BS

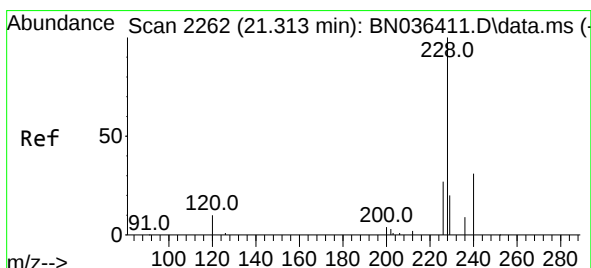
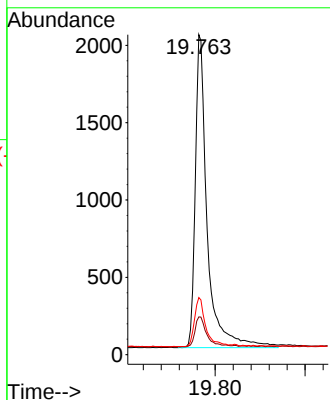
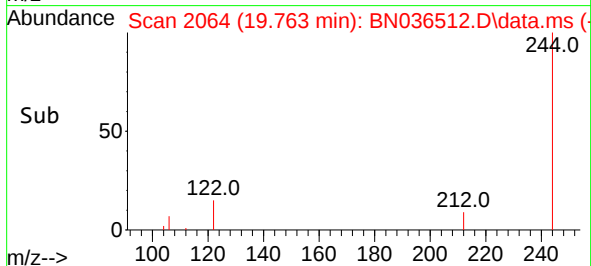


Tgt Ion:244 Resp: 3729
 Ion Ratio Lower Upper
 244 100
 212 11.8 8.1 12.1
 122 17.8 12.8 19.2

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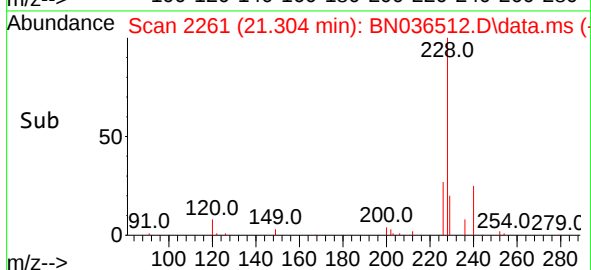
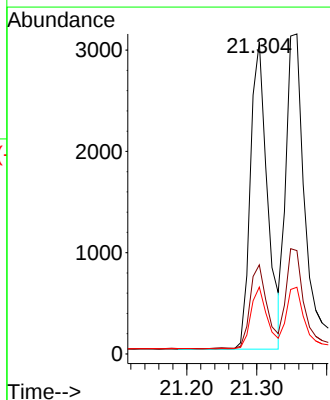
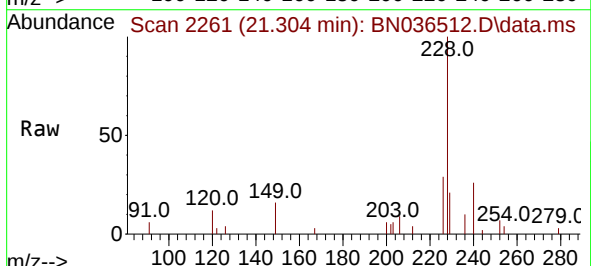
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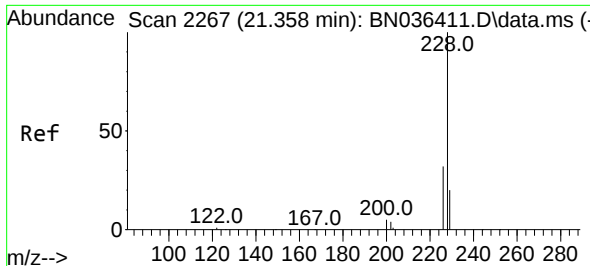
Reviewed By :Rahul Chavli 02/27/2025
 Supervised By :mohammad ahmed 02/28/2025



#32
 Benzo(a)anthracene
 Concen: 0.425 ng
 RT: 21.304 min Scan# 2261
 Delta R.T. -0.009 min
 Lab File: BN036512.D
 Acq: 26 Feb 2025 16:07

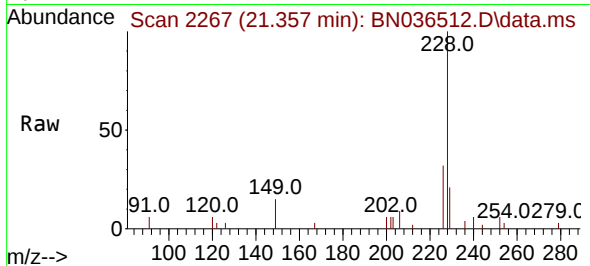
Tgt Ion:228 Resp: 5112
 Ion Ratio Lower Upper
 228 100
 226 28.6 22.2 33.2
 229 21.4 16.5 24.7





#33
Chrysene
Concen: 0.459 ng
RT: 21.357 min Scan# 21357
Delta R.T. -0.000 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

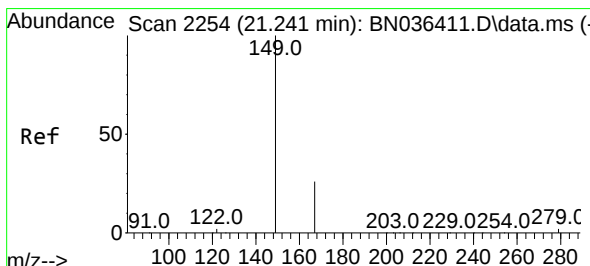
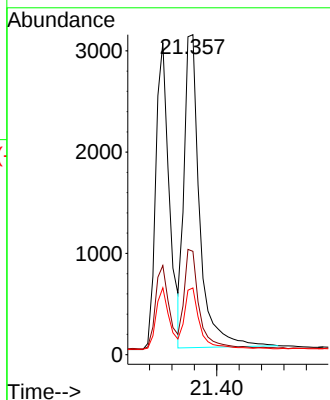
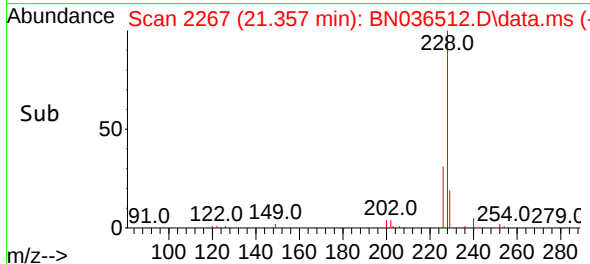
Instrument :
BNA_N
ClientSampleId :
PB166876BS



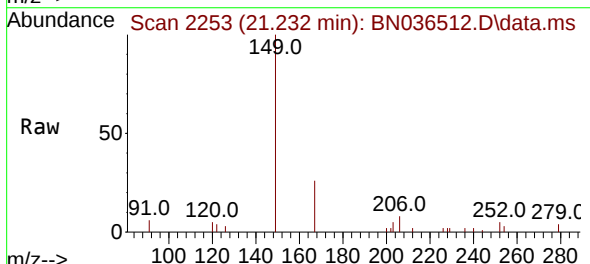
Tgt Ion:228 Resp: 5979
Ion Ratio Lower Upper
228 100
226 32.3 25.5 38.3
229 20.8 16.4 24.6

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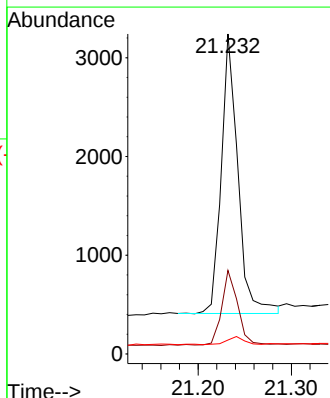
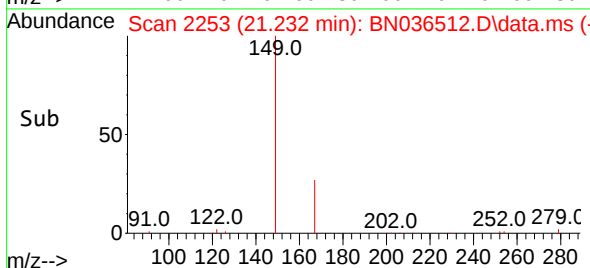
Reviewed By :Rahul Chavli 02/27/2025
Supervised By :mohammad ahmed 02/28/2025



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.467 ng
RT: 21.232 min Scan# 2253
Delta R.T. -0.009 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07



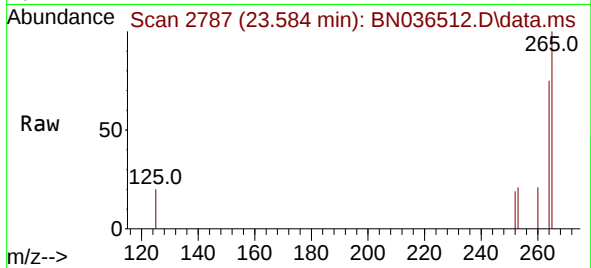
Tgt Ion:149 Resp: 3504
Ion Ratio Lower Upper
149 100
167 26.2 21.2 31.8
279 2.9 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.584 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN036512.D
 Acq: 26 Feb 2025 16:07

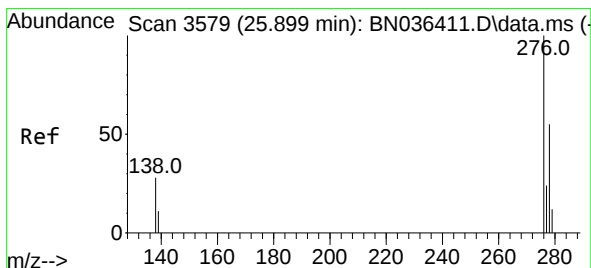
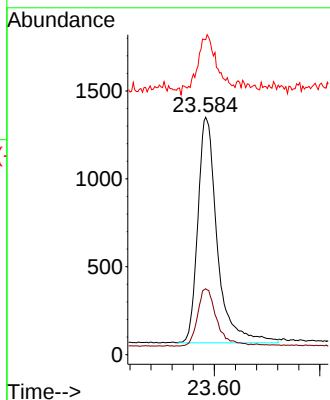
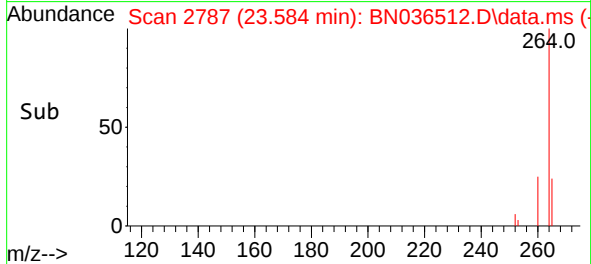
Instrument :
 BNA_N
 ClientSampleId :
 PB166876BS



Tgt Ion:264 Resp: 3285
 Ion Ratio Lower Upper
 264 100
 260 27.8 20.9 31.3
 265 132.7 60.7 91.1

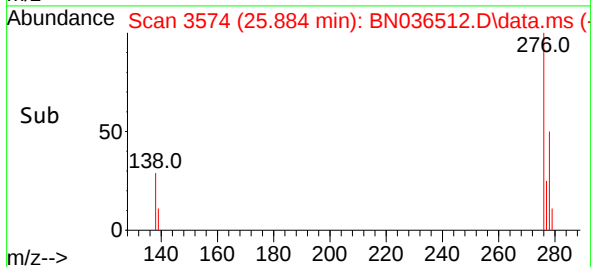
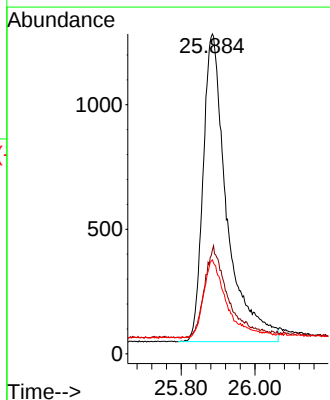
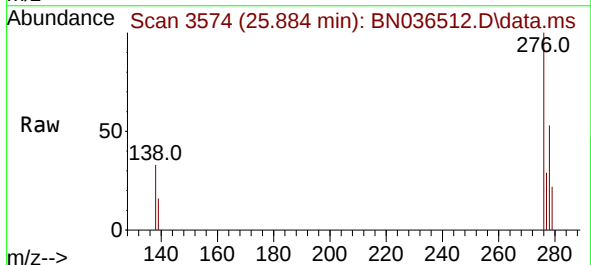
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Reviewed By :Rahul Chavli 02/27/2025
 Supervised By :mohammad ahmed 02/28/2025



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.481 ng
 RT: 25.884 min Scan# 3574
 Delta R.T. -0.015 min
 Lab File: BN036512.D
 Acq: 26 Feb 2025 16:07

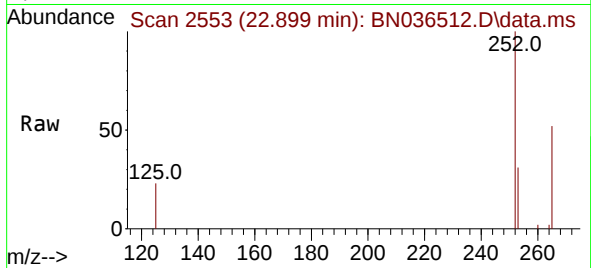
Tgt Ion:276 Resp: 5525
 Ion Ratio Lower Upper
 276 100
 138 27.6 22.2 33.2
 277 24.3 19.8 29.6





#37
Benzo(b)fluoranthene
Concen: 0.435 ng
RT: 22.899 min Scan# 2553
Delta R.T. -0.012 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

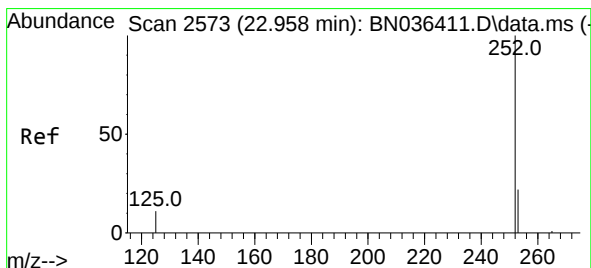
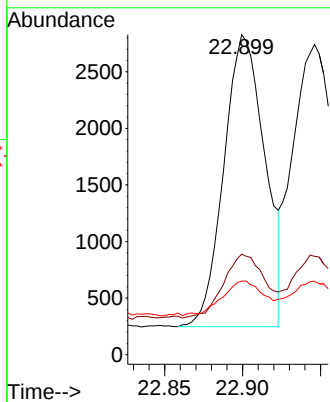
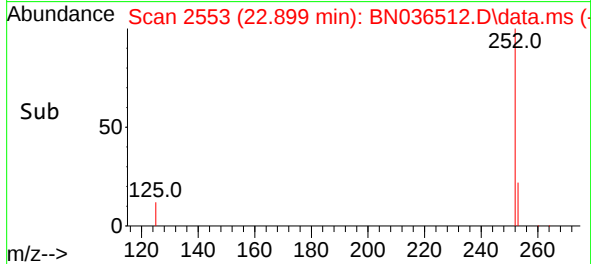
Instrument :
BNA_N
ClientSampleId :
PB166876BS



Tgt Ion:252 Resp: 4700
Ion Ratio Lower Upper
252 100
253 31.4 21.9 32.9
125 23.0 15.0 22.6

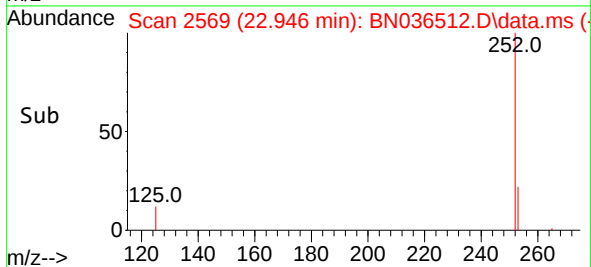
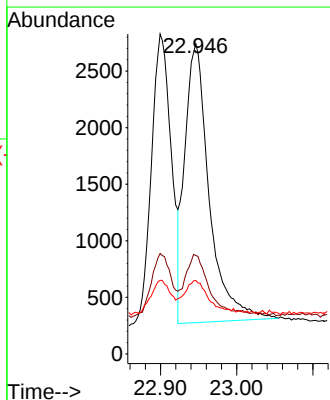
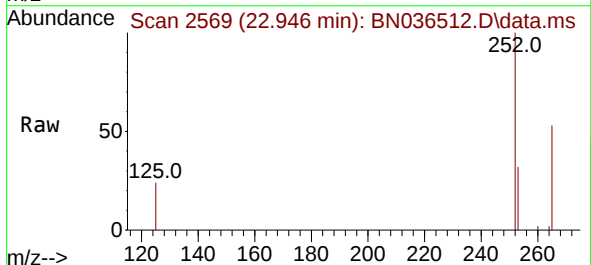
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 02/27/2025
Supervised By :mohammad ahmed 02/28/2025



#38
Benzo(k)fluoranthene
Concen: 0.494 ng
RT: 22.946 min Scan# 2569
Delta R.T. -0.012 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

Tgt Ion:252 Resp: 5500
Ion Ratio Lower Upper
252 100
253 31.7 22.2 33.4
125 23.7 15.0 22.4





#39

Benzo(a)pyrene

Concen: 0.495 ng

RT: 23.487 min Scan# 21

Delta R.T. -0.012 min

Lab File: BN036512.D

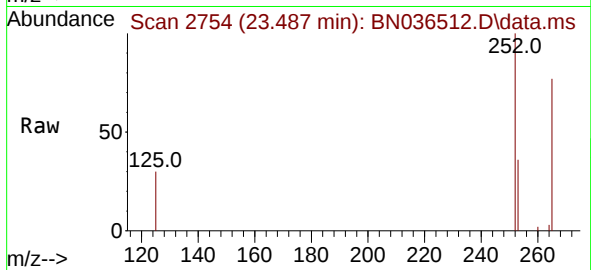
Acq: 26 Feb 2025 16:07

Instrument :

BNA_N

ClientSampleId :

PB166876BS



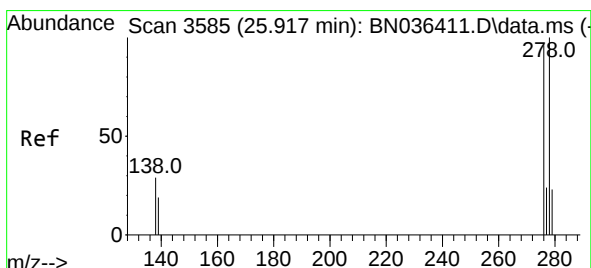
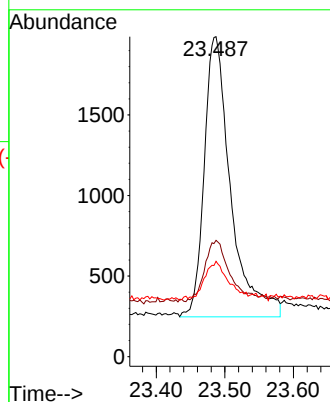
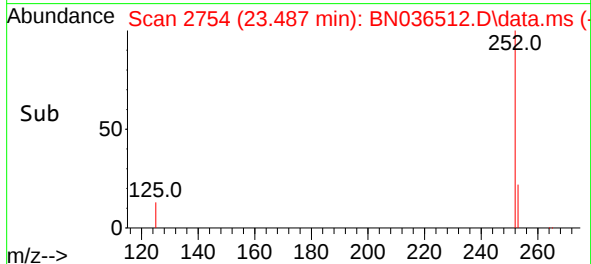
Tgt Ion:	252	Resp:	4670
Ion Ratio	Lower	Upper	
252	100		
253	36.4	24.4	36.6
125	29.8	18.2	27.2

Manual Integrations

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Reviewed By :Rahul Chavli 02/27/2025

Supervised By :mohammad ahmed 02/28/2025



#40

Dibenzo(a,h)anthracene

Concen: 0.455 ng

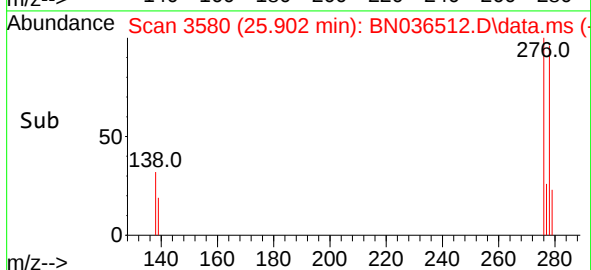
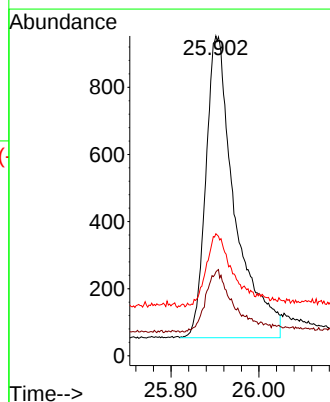
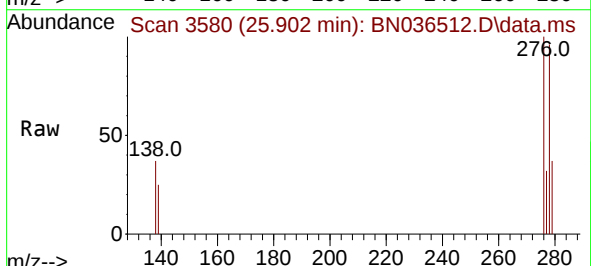
RT: 25.902 min Scan# 3580

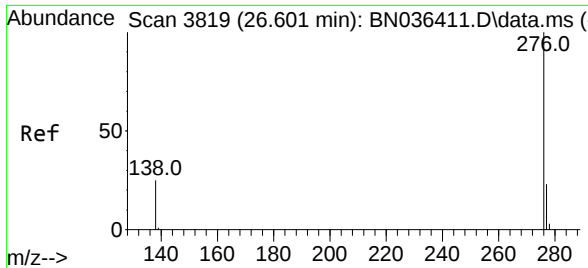
Delta R.T. -0.015 min

Lab File: BN036512.D

Acq: 26 Feb 2025 16:07

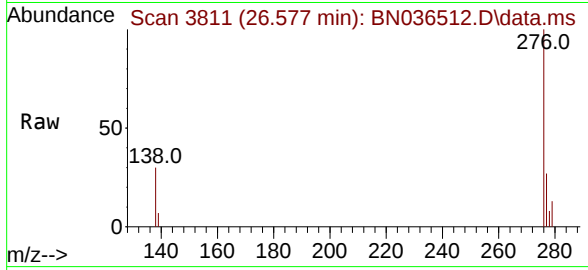
Tgt Ion:	278	Resp:	4122
Ion Ratio	Lower	Upper	
278	100		
139	26.2	18.5	27.7
279	38.2	24.8	37.2





#41
Benzo(g,h,i)perylene
Concen: 0.436 ng
RT: 26.577 min Scan# 3811
Delta R.T. -0.023 min
Lab File: BN036512.D
Acq: 26 Feb 2025 16:07

Instrument :
BNA_N
ClientSampleId :
PB166876BS



Tgt Ion:276 Resp: 448
Ion Ratio Lower Upper
276 100
277 27.4 20.7 31.1
138 29.9 21.8 32.6

Manual Integrations
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Reviewed By :Rahul Chavli 02/27/2025
Supervised By :mohammad ahmed 02/28/2025

