

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022425\
 Data File : BN036505.D
 Acq On : 24 Feb 2025 19:25
 Operator : RC/JU
 Sample : PB166832BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB166832BSD

Manual Integrations
 APPROVED

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

Quant Time: Feb 25 00:14:51 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	3237	0.400	ng	-0.01
7) Naphthalene-d8	10.530	136	7948	0.400	ng	#-0.01
13) Acenaphthene-d10	14.377	164	4588	0.400	ng	-0.01
19) Phenanthrene-d10	17.124	188	9111	0.400	ng	-0.01
29) Chrysene-d12	21.313	240	5499	0.400	ng	0.00
35) Perylene-d12	23.578	264	5044	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	2744	0.359	ng	-0.01
5) Phenol-d6	6.923	99	3112	0.347	ng	-0.01
8) Nitrobenzene-d5	8.897	82	2507	0.320	ng	-0.01
11) 2-Methylnaphthalene-d10	12.121	152	5247	0.430	ng	-0.02
14) 2,4,6-Tribromophenol	15.870	330	578	0.254	ng	-0.01
15) 2-Fluorobiphenyl	13.003	172	7677	0.445	ng	-0.02
27) Fluoranthene-d10	19.160	212	6995	0.276	ng	0.00
31) Terphenyl-d14	19.764	244	4925	0.420	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	1101	0.311	ng	# 70
3) n-Nitrosodimethylamine	3.564	42	2329	0.379	ng	# 94
6) bis(2-Chloroethyl)ether	7.168	93	3290	0.350	ng	98
9) Naphthalene	10.584	128	7680	0.335	ng	99
10) Hexachlorobutadiene	10.872	225	1988	0.356	ng	# 99
12) 2-Methylnaphthalene	12.197	142	4877	0.324	ng	98
16) Acenaphthylene	14.099	152	7440	0.367	ng	99
17) Acenaphthene	14.441	154	4749	0.351	ng	99
18) Fluorene	15.425	166	6306	0.327	ng	99
20) 4,6-Dinitro-2-methylph...	15.523	198	513	0.287	ng	# 83
21) 4-Bromophenyl-phenylether	16.317	248	1918	0.353	ng	94
22) Hexachlorobenzene	16.441	284	2429	0.362	ng	98
23) Atrazine	16.602	200	1584	0.349	ng	98
24) Pentachlorophenol	16.789	266	1413	0.443	ng	98
25) Phenanthrene	17.161	178	9055	0.344	ng	100
26) Anthracene	17.260	178	8109	0.349	ng	99
28) Fluoranthene	19.188	202	9195	0.284	ng	100
30) Pyrene	19.555	202	9354	0.442	ng	100
32) Benzo(a)anthracene	21.295	228	6090	0.337	ng	99
33) Chrysene	21.349	228	7432	0.379	ng	100
34) Bis(2-ethylhexyl)phtha...	21.232	149	4389	0.389	ng	100
36) Indeno(1,2,3-cd)pyrene	25.870	276	6603m	0.375	ng	
37) Benzo(b)fluoranthene	22.897	252	5809	0.350	ng	# 92
38) Benzo(k)fluoranthene	22.940	252	6456	0.378	ng	# 92
39) Benzo(a)pyrene	23.481	252	5350	0.369	ng	# 89
40) Dibenzo(a,h)anthracene	25.893	278	4972	0.357	ng	93
41) Benzo(g,h,i)perylene	26.572	276	5231	0.332	ng	98

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

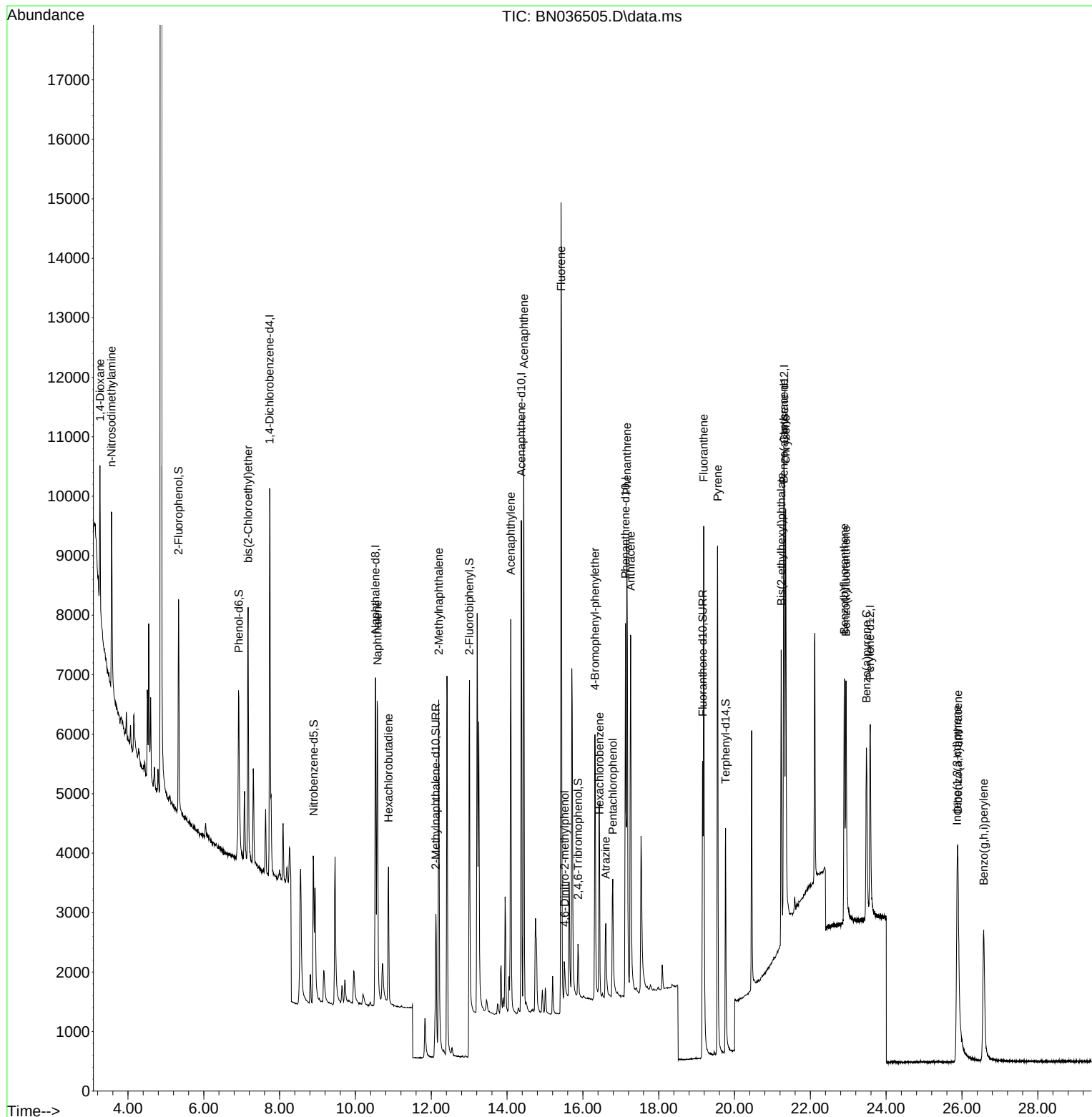
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022425\
 Data File : BN036505.D
 Acq On : 24 Feb 2025 19:25
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 Sample : PB166832BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

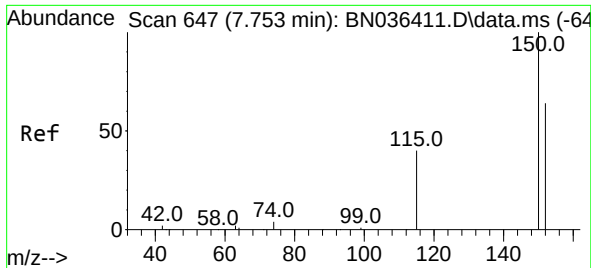
Instrument :
 BNA_N
 ClientSampleId :
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Quant Time: Feb 25 00:14:51 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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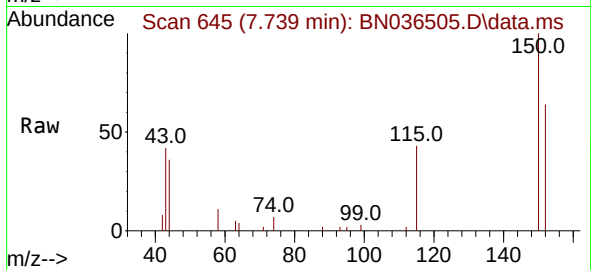
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.739 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN036505.D
 Acq: 24 Feb 2025 19:25

Instrument :

BNA_N

ClientSampleId :

PB166832BSD

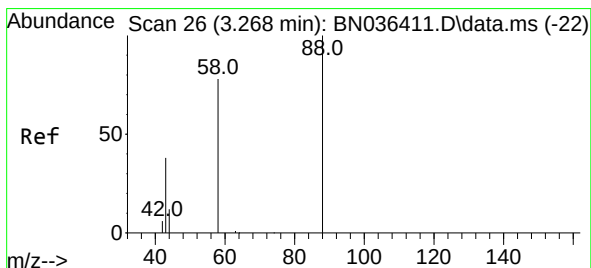
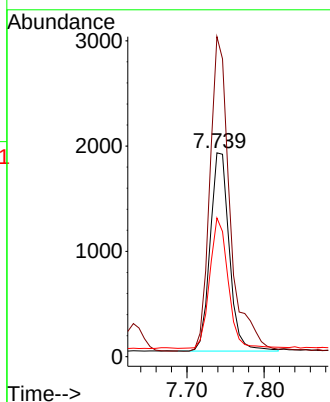
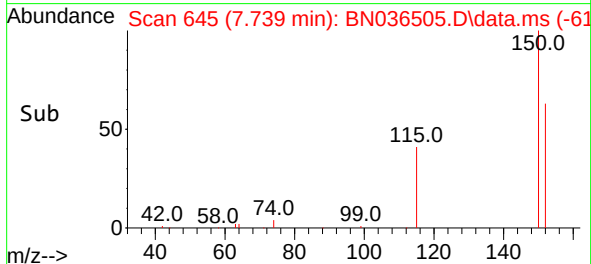


Tgt Ion:152 Resp: 323
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.7 185.5
 115 68.0 52.5 78.7

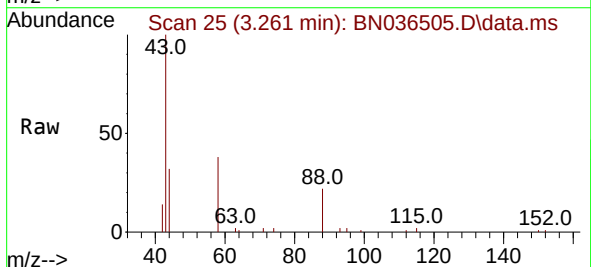
Manual Integrations

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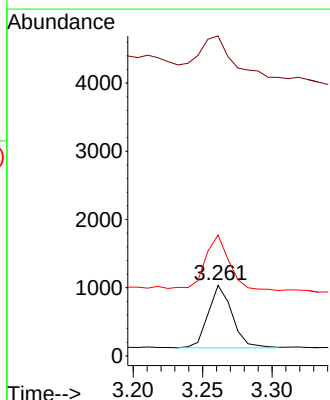
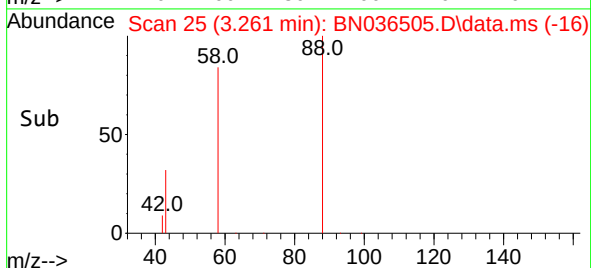
Reviewed By :Rahul Chavli 02/25/2025
 Supervised By :mohammad ahmed 02/28/2025

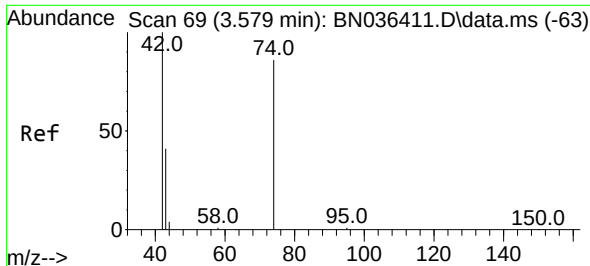


#2
 1,4-Dioxane
 Concen: 0.311 ng
 RT: 3.261 min Scan# 25
 Delta R.T. -0.007 min
 Lab File: BN036505.D
 Acq: 24 Feb 2025 19:25



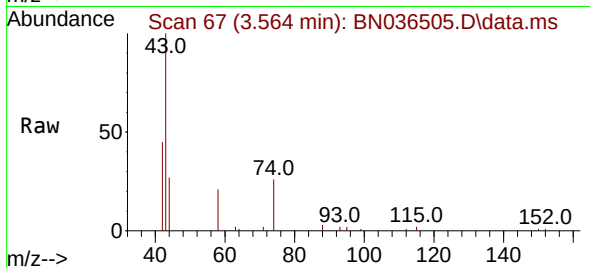
Tgt Ion: 88 Resp: 1101
 Ion Ratio Lower Upper
 88 100
 43 92.0 33.7 50.5#
 58 91.1 68.9 103.3





#3
n-Nitrosodimethylamine
Concen: 0.379 ng
RT: 3.564 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

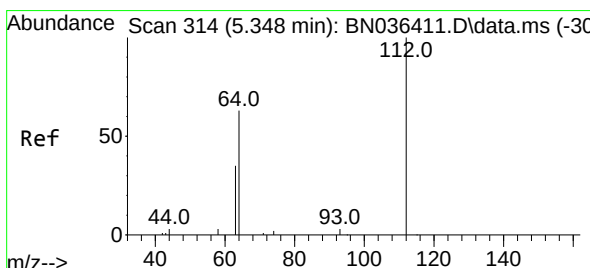
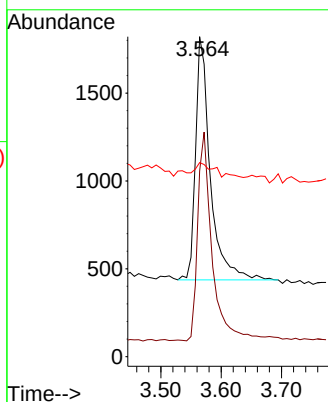
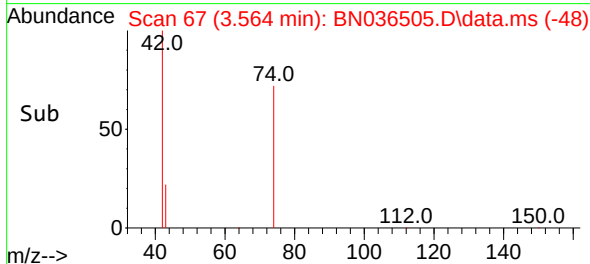
Instrument :
BNA_N
ClientSampleId :
PB166832BSD



Tgt Ion: 42 Resp: 2329
Ion Ratio Lower Upper
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74 84.2 71.8 107.6
44 7.7 7.8 11.6

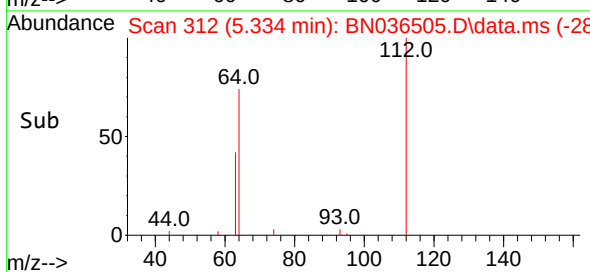
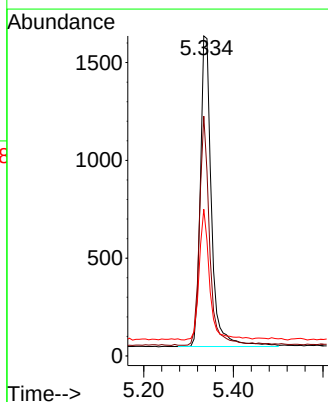
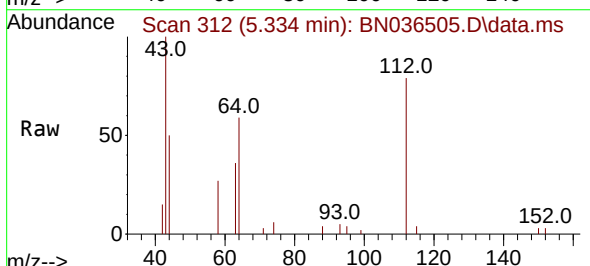
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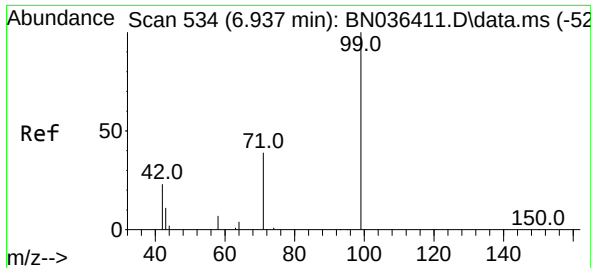
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#4
2-Fluorophenol
Concen: 0.359 ng
RT: 5.334 min Scan# 312
Delta R.T. -0.014 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

Tgt Ion:112 Resp: 2744
Ion Ratio Lower Upper
112 100
64 66.9 53.4 80.0
63 39.3 30.3 45.5





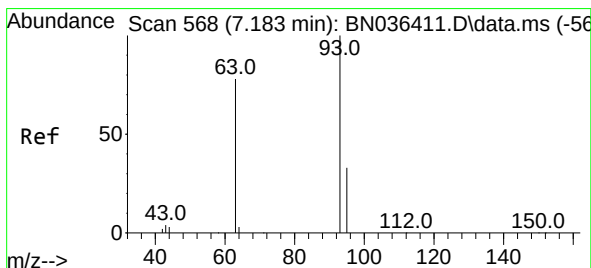
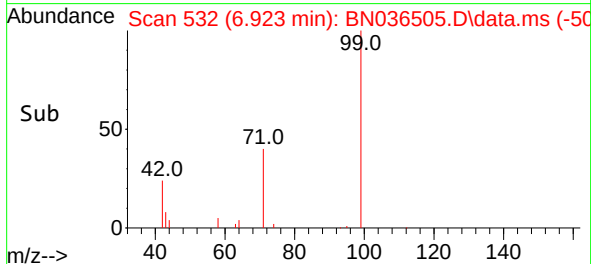
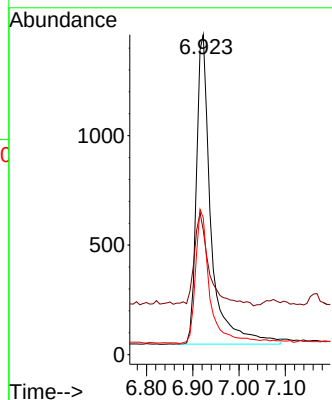
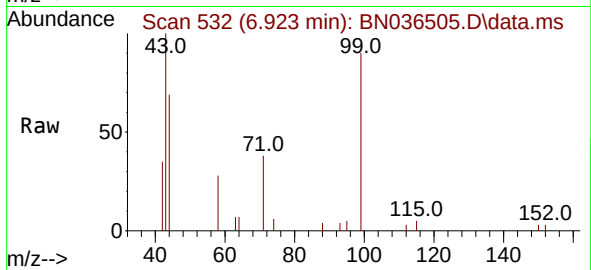
#5
Phenol-d6
Concen: 0.347 ng
RT: 6.923 min Scan# 511
Delta R.T. -0.014 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

Instrument :
BNA_N
ClientSampleId :
PB166832BSD

Tgt Ion: 99 Resp: 311
Ion Ratio Lower Upper
99 100
42 30.8 21.7 32.5
71 42.3 32.6 49.0

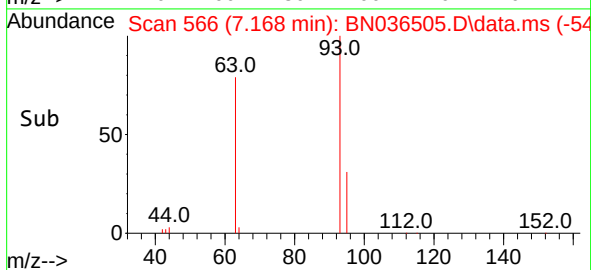
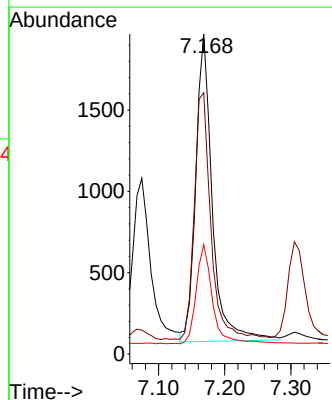
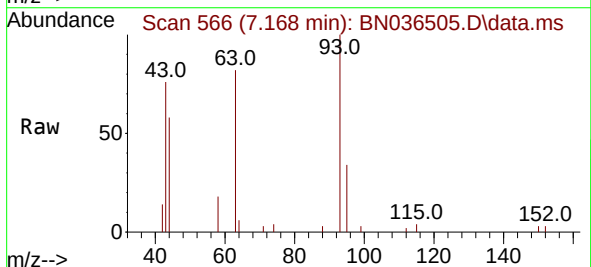
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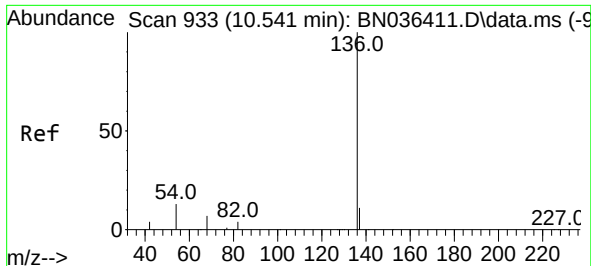
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#6
bis(2-Chloroethyl)ether
Concen: 0.350 ng
RT: 7.168 min Scan# 566
Delta R.T. -0.014 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

Tgt Ion: 93 Resp: 3290
Ion Ratio Lower Upper
93 100
63 80.9 66.3 99.5
95 31.8 26.2 39.4





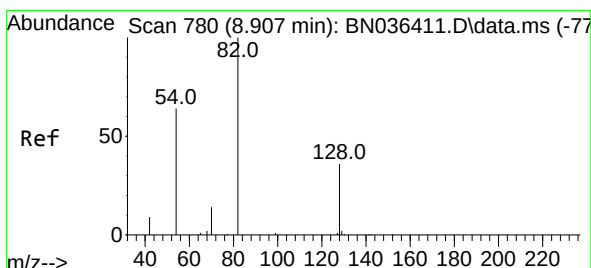
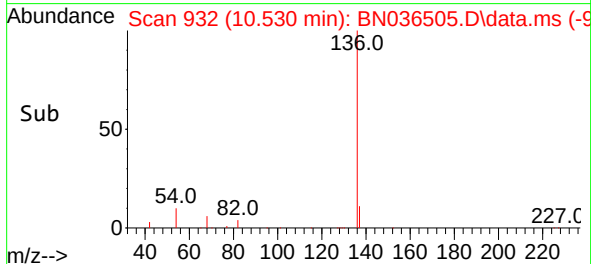
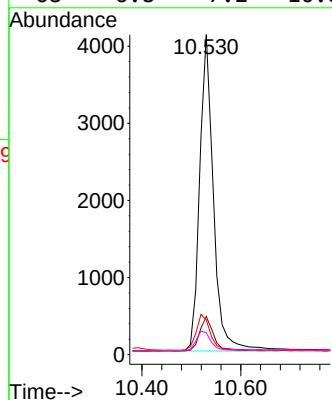
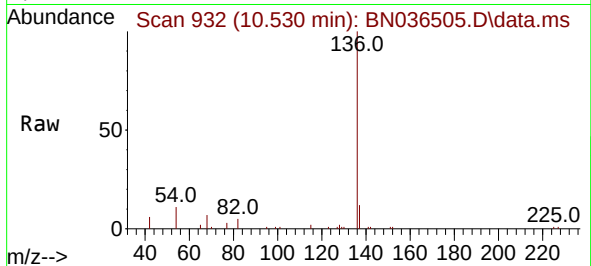
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

Instrument :
BNA_N
ClientSampleId :
PB166832BSD

Tgt Ion:136 Resp: 7948
Ion Ratio Lower Upper
136 100
137 11.9 10.1 15.1
54 10.9 11.8 17.6
68 6.8 7.2 10.8#

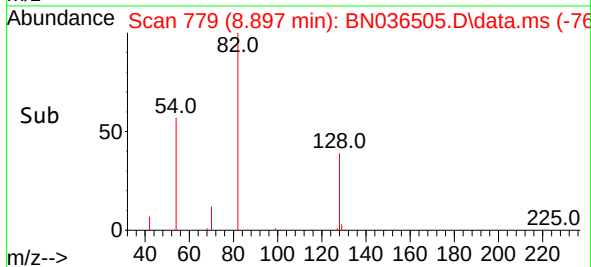
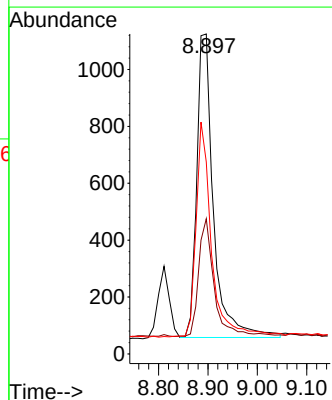
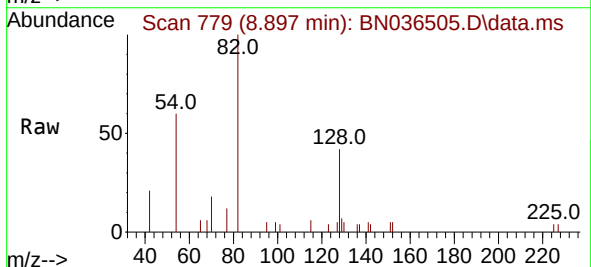
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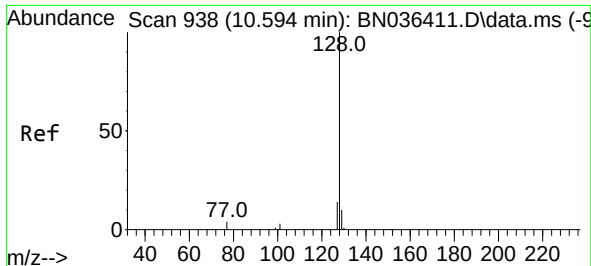
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#8
Nitrobenzene-d5
Concen: 0.320 ng
RT: 8.897 min Scan# 779
Delta R.T. -0.011 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

Tgt Ion: 82 Resp: 2507
Ion Ratio Lower Upper
82 100
128 42.2 31.9 47.9
54 60.0 53.1 79.7





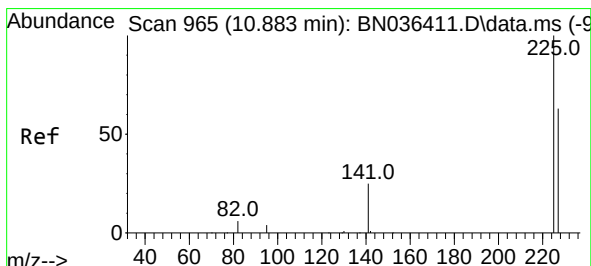
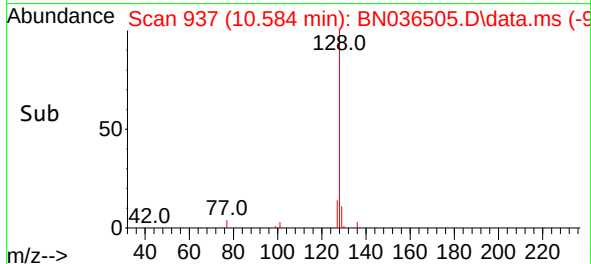
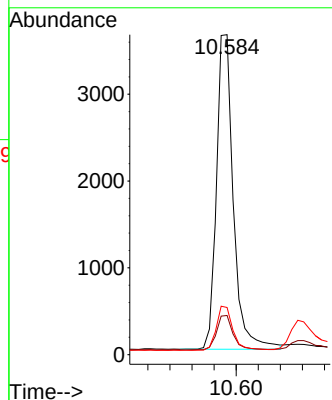
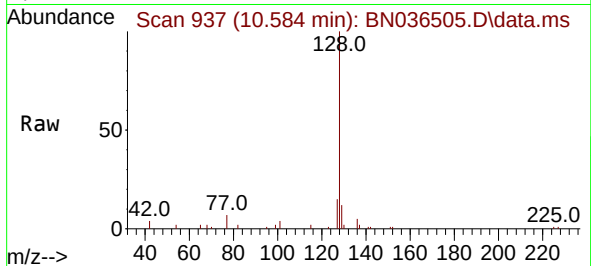
#9
Naphthalene
Concen: 0.335 ng
RT: 10.584 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

Instrument :
BNA_N
ClientSampleId :
PB166832BSD

Tgt Ion:128 Resp: 7680
Ion Ratio Lower Upper
128 100
129 12.2 9.6 14.4
127 14.7 12.0 18.0

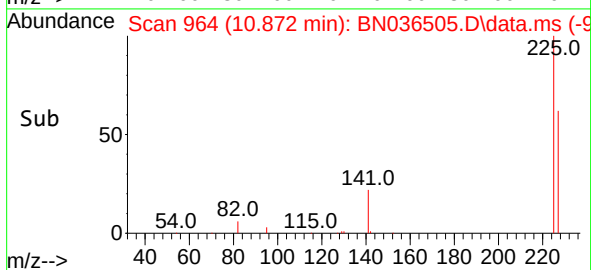
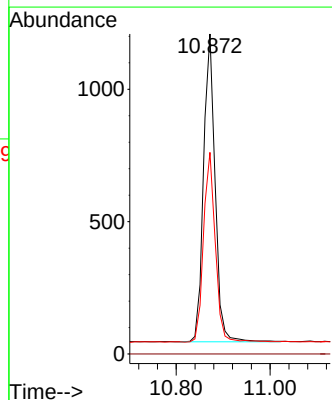
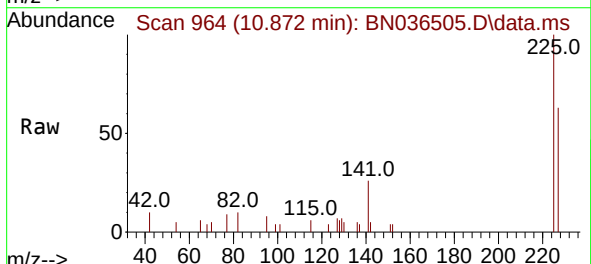
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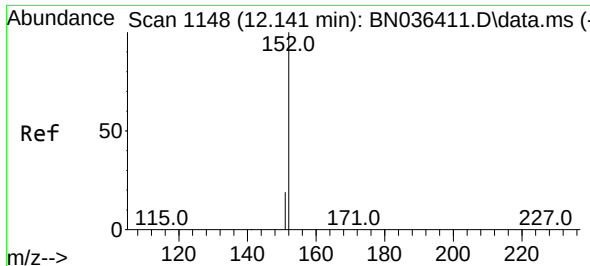
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#10
Hexachlorobutadiene
Concen: 0.356 ng
RT: 10.872 min Scan# 964
Delta R.T. -0.011 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

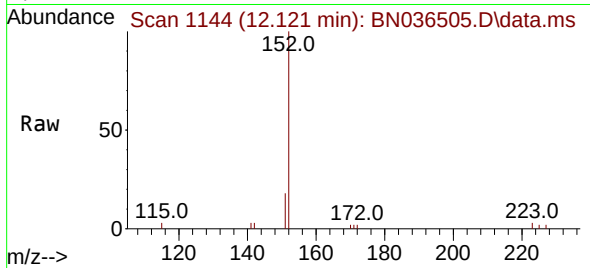
Tgt Ion:225 Resp: 1988
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.0 50.9 76.3





#11
2-Methylnaphthalene-d10
Concen: 0.430 ng
RT: 12.121 min Scan# 1144
Delta R.T. -0.020 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

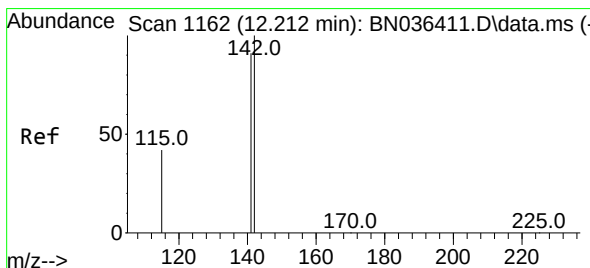
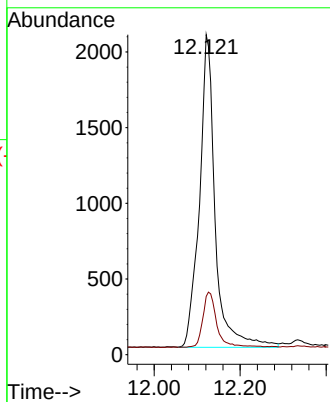
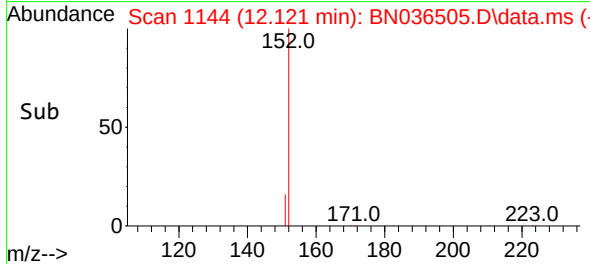
Instrument :
BNA_N
ClientSampleId :
PB166832BSD



Tgt Ion:152 Resp: 524
Ion Ratio Lower Upper
152 100
151 15.7 16.6 25.0

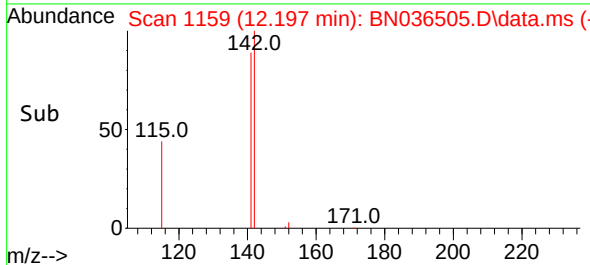
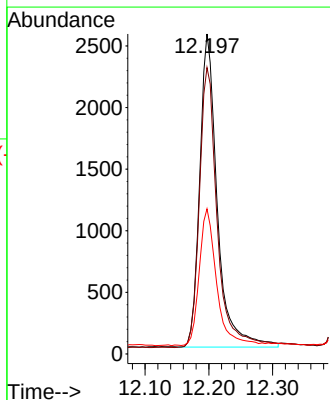
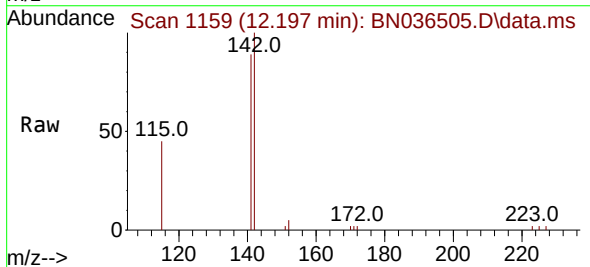
Manual Integrations
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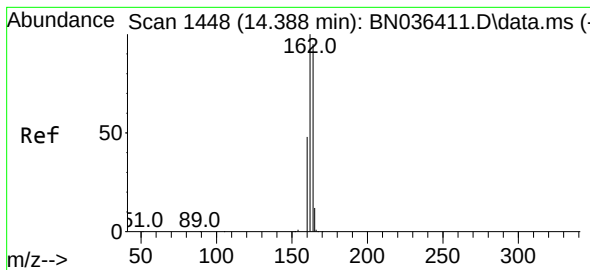
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#12
2-Methylnaphthalene
Concen: 0.324 ng
RT: 12.197 min Scan# 1159
Delta R.T. -0.015 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

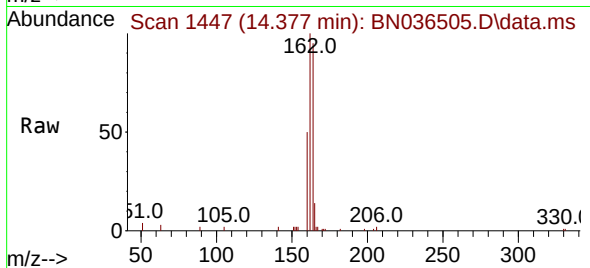
Tgt Ion:142 Resp: 4877
Ion Ratio Lower Upper
142 100
141 89.5 72.8 109.2
115 45.4 35.5 53.3





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1447
Delta R.T. -0.011 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

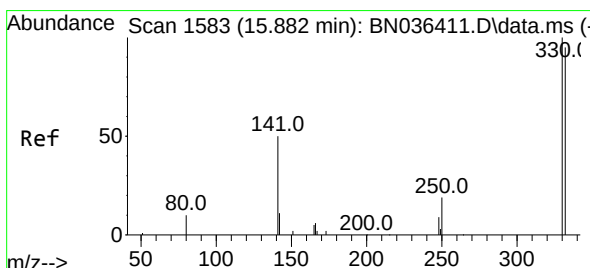
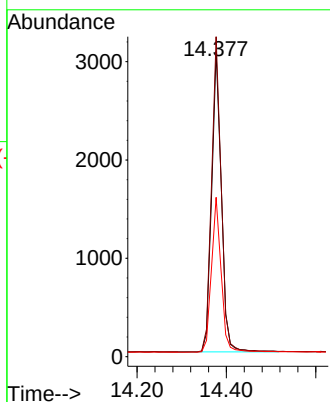
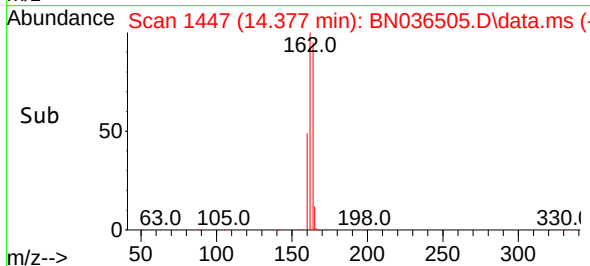
Instrument :
BNA_N
ClientSampleId :
PB166832BSD



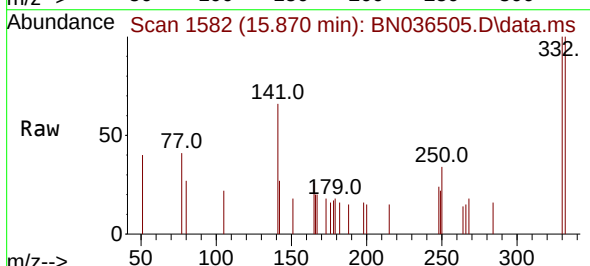
Tgt Ion:164 Resp: 4588
Ion Ratio Lower Upper
164 100
162 104.8 84.1 126.1
160 52.2 41.4 62.0

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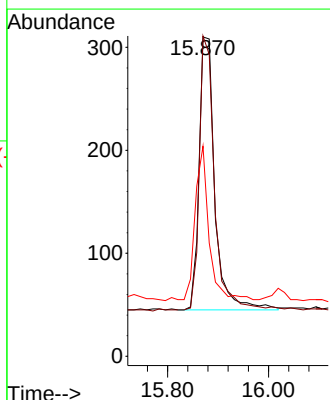
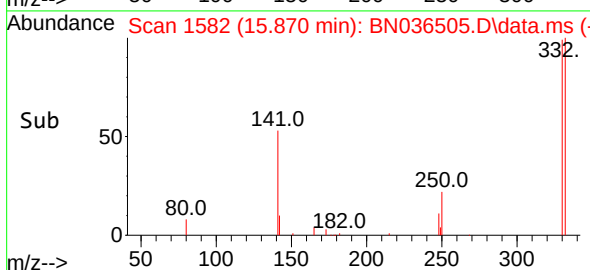
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025

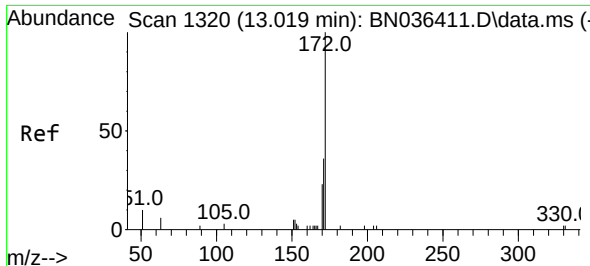


#14
2,4,6-Tribromophenol
Concen: 0.254 ng
RT: 15.870 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25



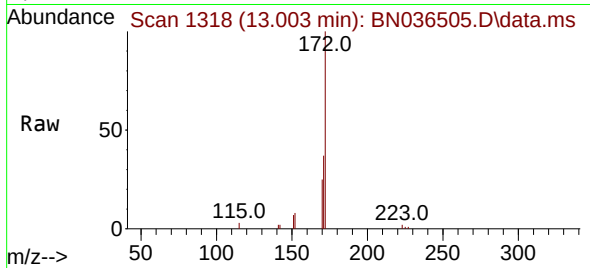
Tgt Ion:330 Resp: 578
Ion Ratio Lower Upper
330 100
332 96.2 76.6 114.8
141 50.2 37.8 56.8





#15
2-Fluorobiphenyl
Concen: 0.445 ng
RT: 13.003 min Scan# 11
Delta R.T. -0.016 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

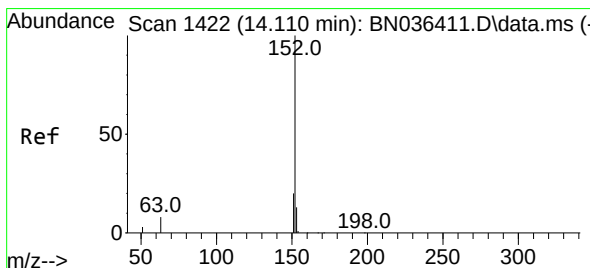
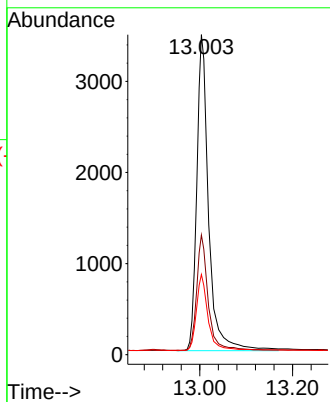
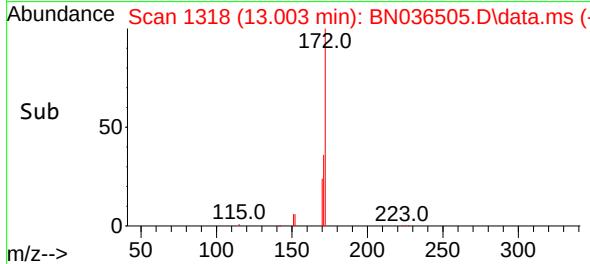
Instrument :
BNA_N
ClientSampleId :
PB166832BSD



Tgt Ion:172 Resp: 767
Ion Ratio Lower Upper
172 100
171 37.4 29.6 44.4
170 25.0 19.8 29.6

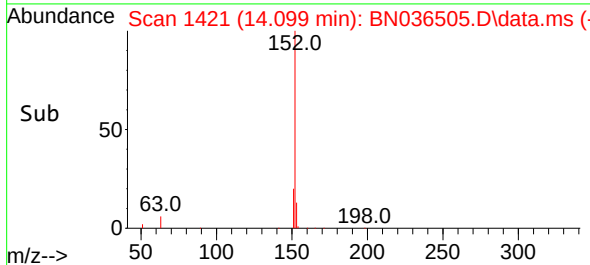
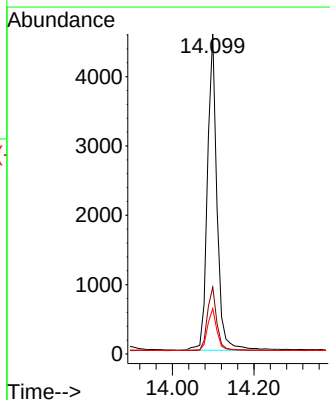
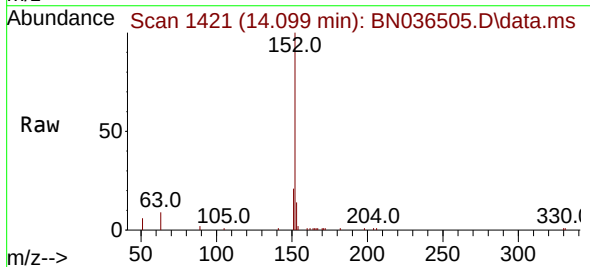
Manual Integrations
APPROVED

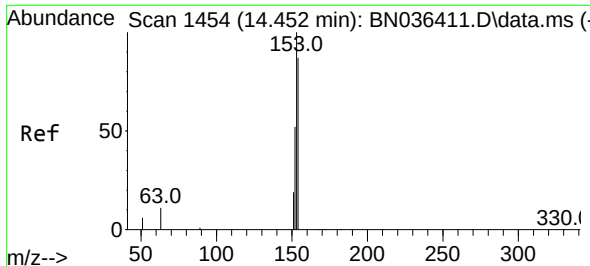
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#16
Acenaphthylene
Concen: 0.367 ng
RT: 14.099 min Scan# 1421
Delta R.T. -0.011 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

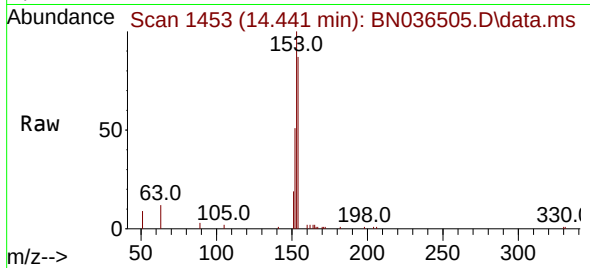
Tgt Ion:152 Resp: 7440
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.3 10.2 15.2





#17
Acenaphthene
Concen: 0.351 ng
RT: 14.441 min Scan# 1453
Delta R.T. -0.011 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

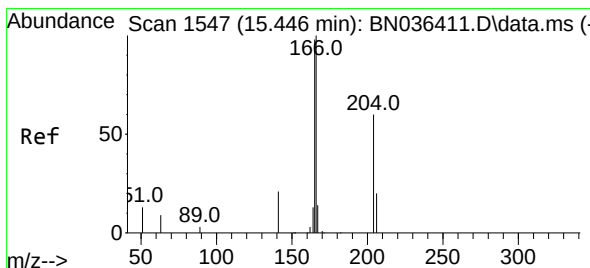
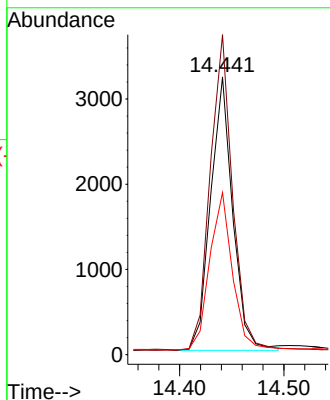
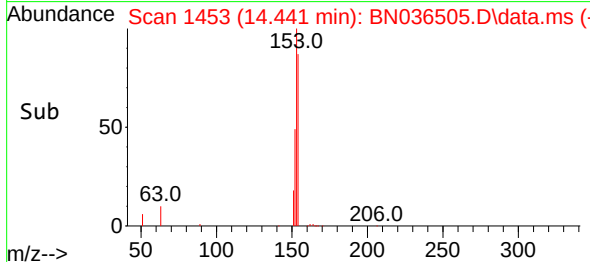
Instrument :
BNA_N
ClientSampleId :
PB166832BSD



Tgt Ion:154 Resp: 4749
Ion Ratio Lower Upper
154 100
153 117.2 93.3 139.9
152 59.9 48.8 73.2

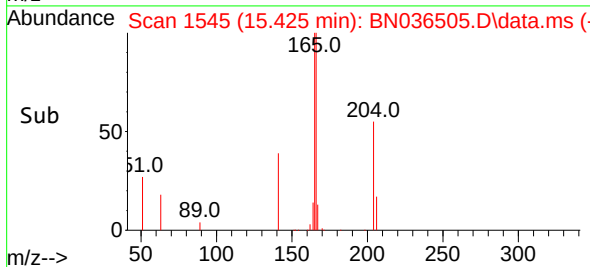
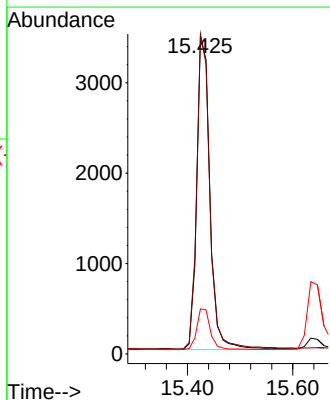
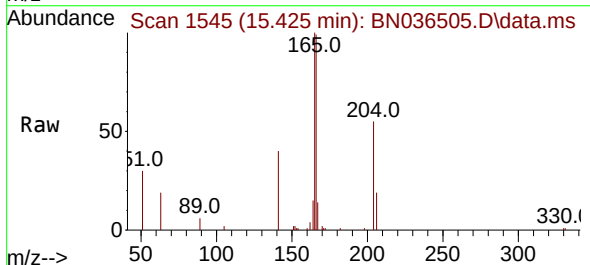
Manual Integrations
APPROVED

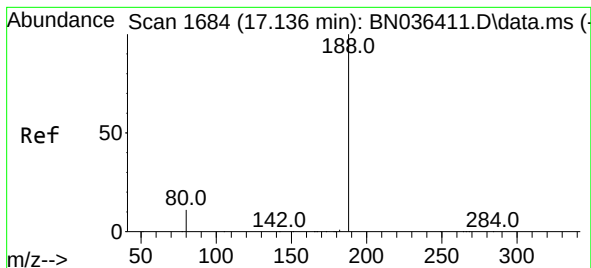
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#18
Fluorene
Concen: 0.327 ng
RT: 15.425 min Scan# 1545
Delta R.T. -0.021 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

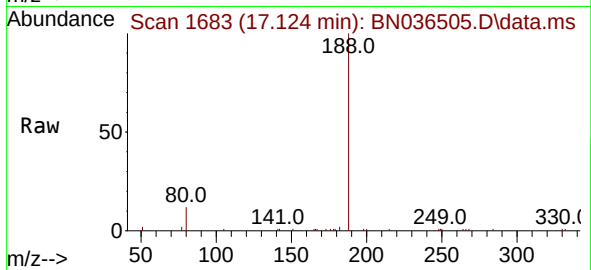
Tgt Ion:166 Resp: 6306
Ion Ratio Lower Upper
166 100
165 100.3 79.5 119.3
167 13.7 10.4 15.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.124 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

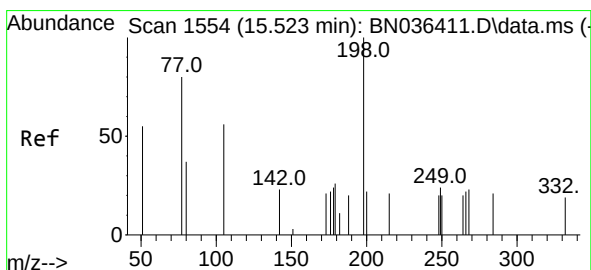
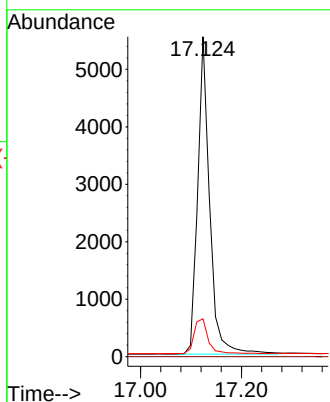
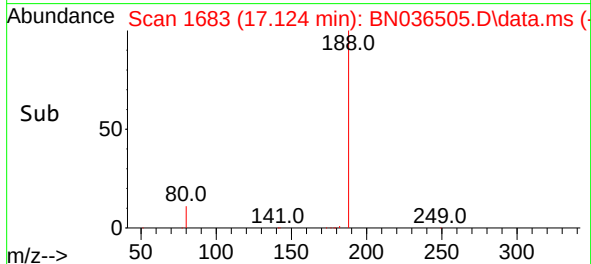
Instrument :
BNA_N
ClientSampleId :
PB166832BSD



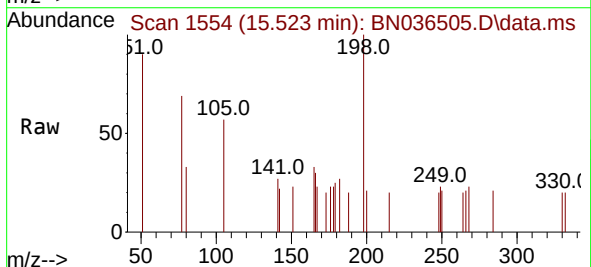
Tgt Ion:188 Resp: 911
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 9.8 14.6

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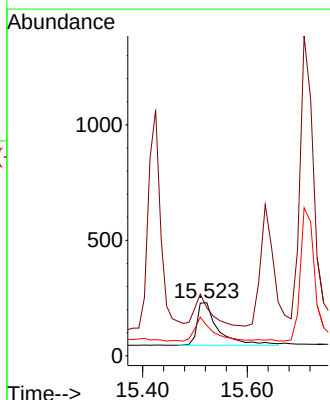
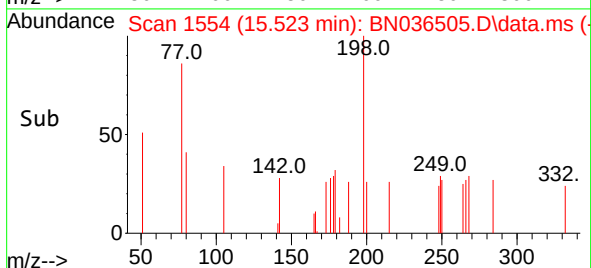
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025

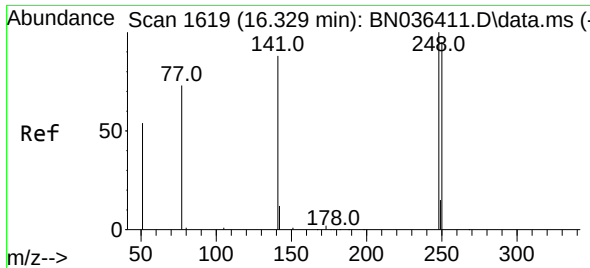


#20
4,6-Dinitro-2-methylphenol
Concen: 0.287 ng
RT: 15.523 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25



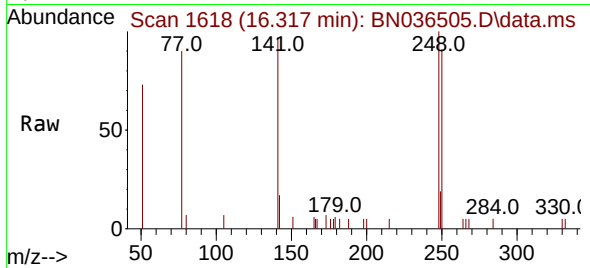
Tgt Ion:198 Resp: 513
Ion Ratio Lower Upper
198 100
51 90.4 86.6 129.8
105 57.0 57.5 86.3#





#21
4-Bromophenyl-phenylether
Concen: 0.353 ng
RT: 16.317 min Scan# 1618
Delta R.T. -0.012 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

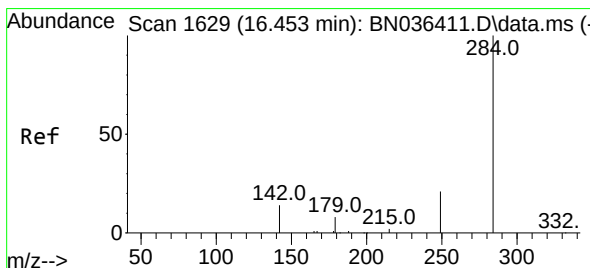
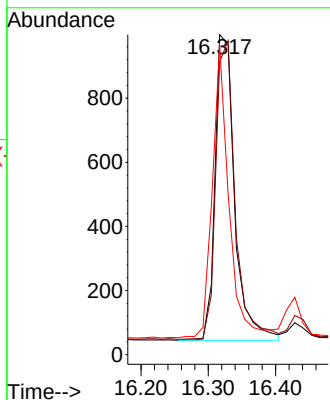
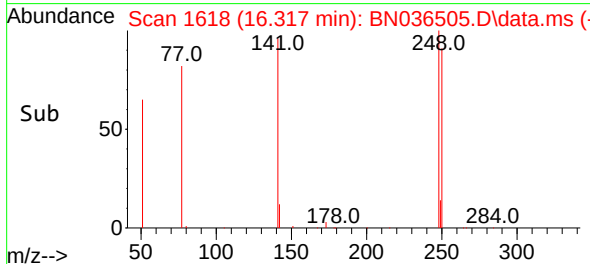
Instrument :
BNA_N
ClientSampleId :
PB166832BSD



Tgt Ion:248 Resp: 1918
Ion Ratio Lower Upper
248 100
250 91.5 76.1 114.1
141 97.0 71.7 107.5

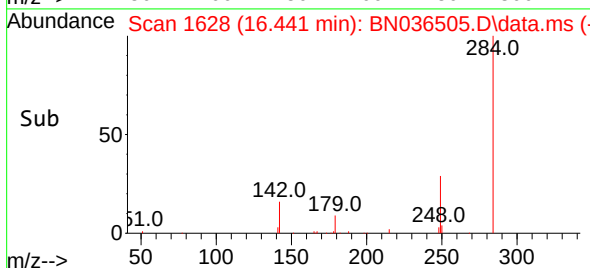
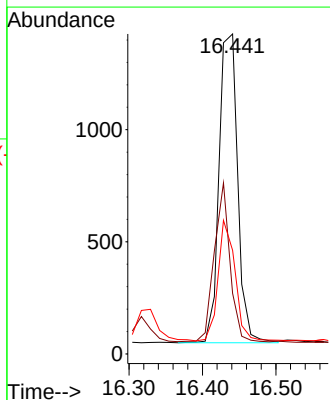
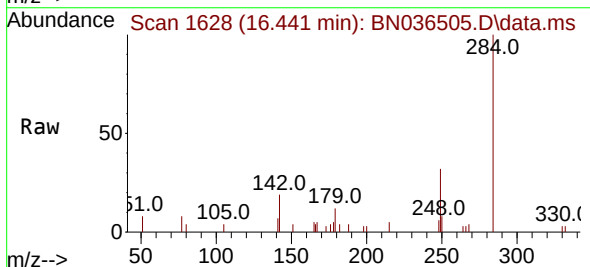
Manual Integrations
APPROVED

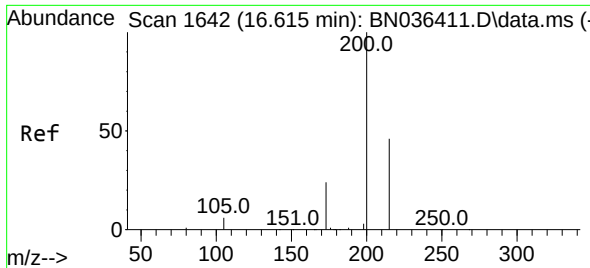
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#22
Hexachlorobenzene
Concen: 0.362 ng
RT: 16.441 min Scan# 1628
Delta R.T. -0.012 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

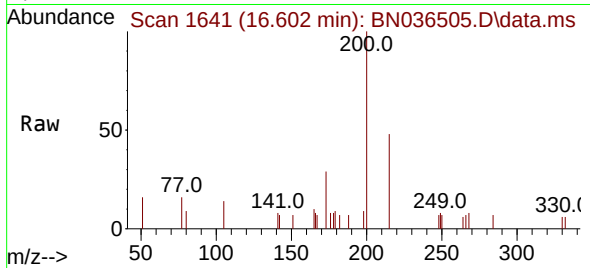
Tgt Ion:284 Resp: 2429
Ion Ratio Lower Upper
284 100
142 44.3 33.4 50.0
249 35.8 28.6 43.0





#23
 Atrazine
 Concen: 0.349 ng
 RT: 16.602 min Scan# 1641
 Delta R.T. -0.012 min
 Lab File: BN036505.D
 Acq: 24 Feb 2025 19:25

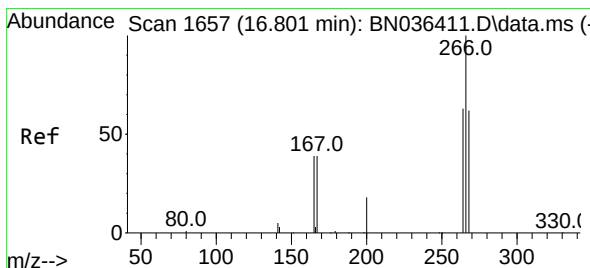
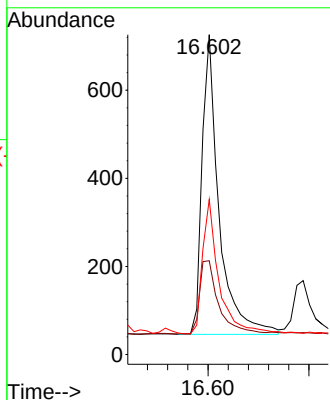
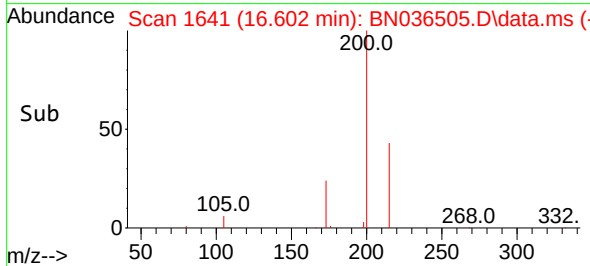
Instrument :
 BNA_N
 ClientSampleId :
 PB166832BSD



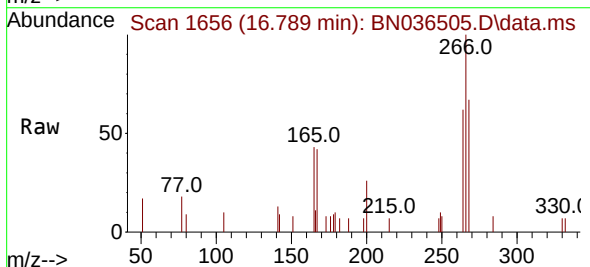
Tgt Ion:200 Resp: 1584
 Ion Ratio Lower Upper
 200 100
 173 29.3 23.2 34.8
 215 48.5 40.0 60.0

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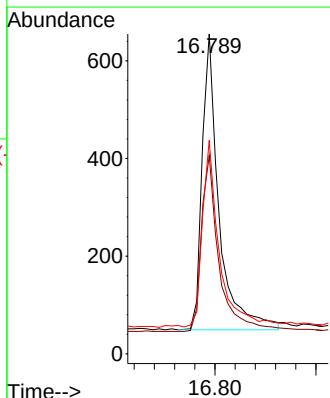
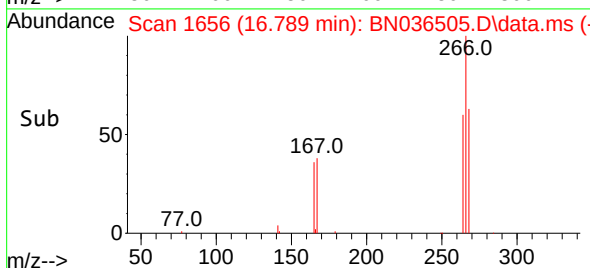
Reviewed By :Rahul Chavli 02/25/2025
 Supervised By :mohammad ahmed 02/28/2025

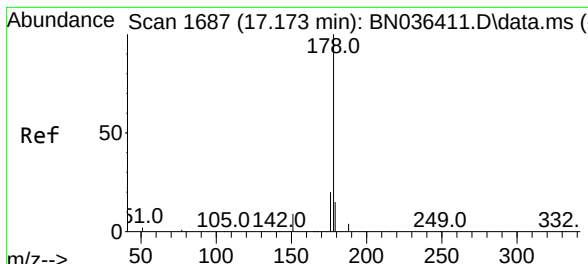


#24
 Pentachlorophenol
 Concen: 0.443 ng
 RT: 16.789 min Scan# 1656
 Delta R.T. -0.012 min
 Lab File: BN036505.D
 Acq: 24 Feb 2025 19:25



Tgt Ion:266 Resp: 1413
 Ion Ratio Lower Upper
 266 100
 264 61.4 50.6 76.0
 268 63.4 51.9 77.9





#25
 Phenanthrene
 Concen: 0.344 ng
 RT: 17.161 min Scan# 1686
 Delta R.T. -0.012 min
 Lab File: BN036505.D
 Acq: 24 Feb 2025 19:25

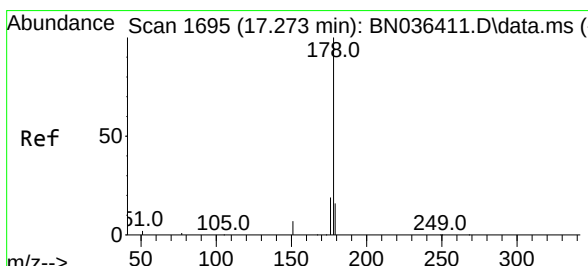
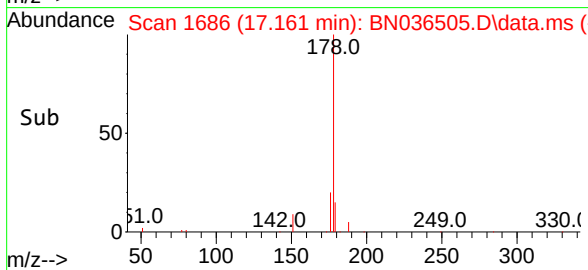
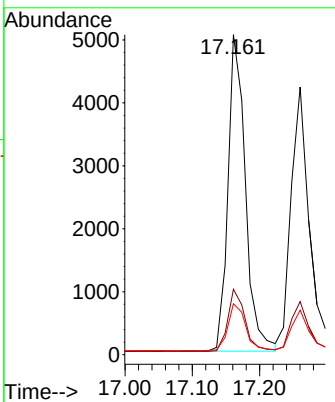
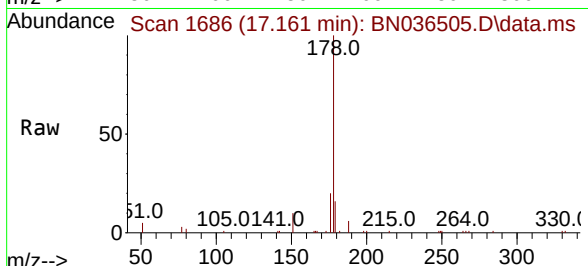
Instrument : BNA_N
 ClientSampleId : PB166832BSD

Tgt Ion:178 Resp: 905

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.4	12.4	18.6

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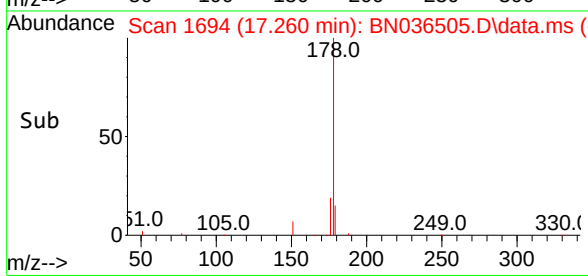
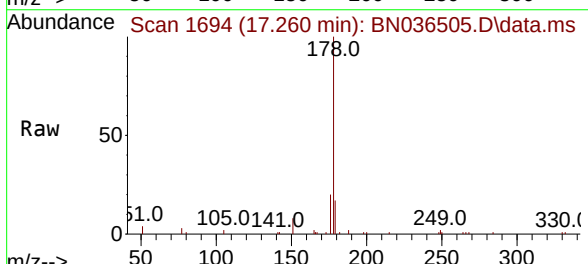
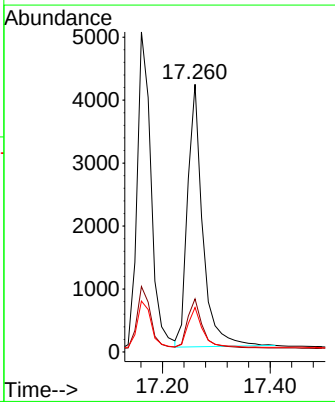
Reviewed By :Rahul Chavli 02/25/2025
 Supervised By :mohammad ahmed 02/28/2025

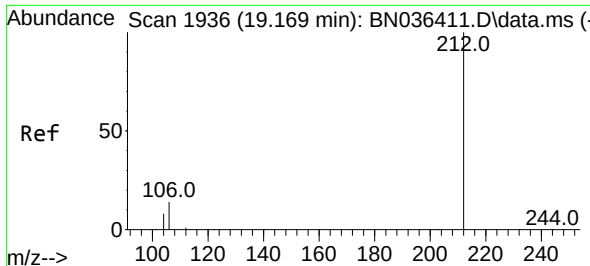


#26
 Anthracene
 Concen: 0.349 ng
 RT: 17.260 min Scan# 1694
 Delta R.T. -0.012 min
 Lab File: BN036505.D
 Acq: 24 Feb 2025 19:25

Tgt Ion:178 Resp: 8109

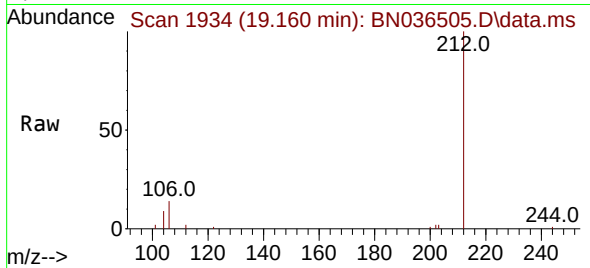
Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.2	12.4	18.6





#27
Fluoranthene-d10
Concen: 0.276 ng
RT: 19.160 min Scan# 1936
Delta R.T. -0.009 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

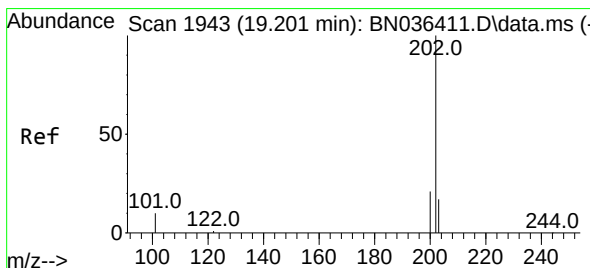
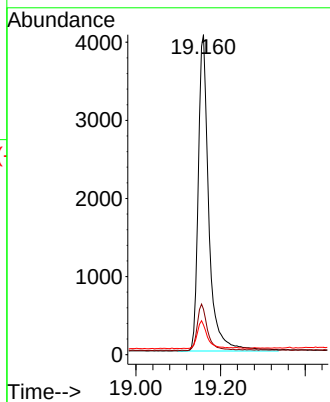
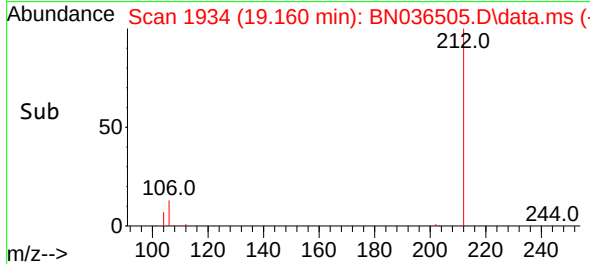
Instrument :
BNA_N
ClientSampleId :
PB166832BSD



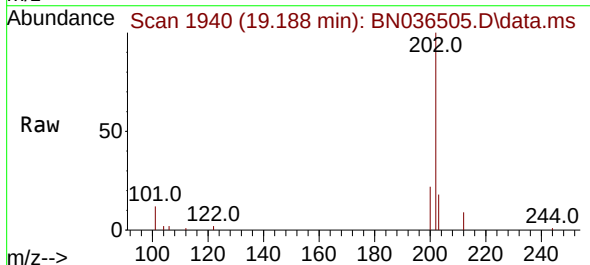
Tgt Ion:212 Resp: 6995
Ion Ratio Lower Upper
212 100
106 14.3 11.5 17.3
104 8.4 7.1 10.7

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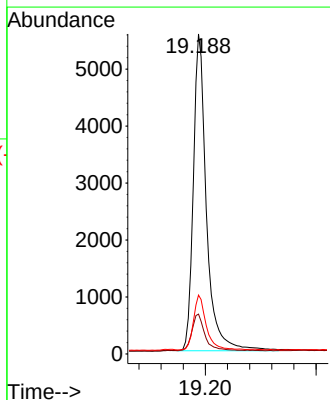
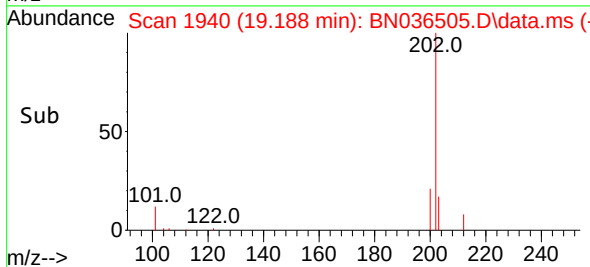
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025

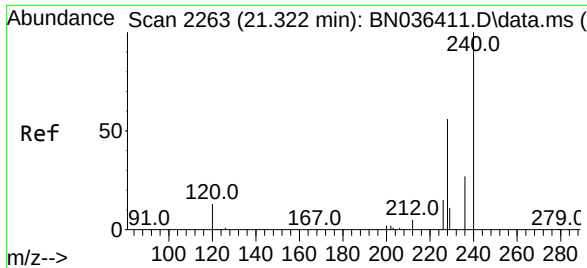


#28
Fluoranthene
Concen: 0.284 ng
RT: 19.188 min Scan# 1940
Delta R.T. -0.014 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25



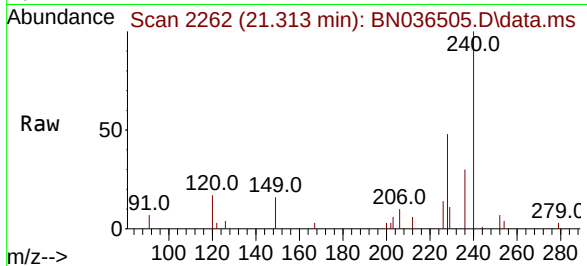
Tgt Ion:202 Resp: 9195
Ion Ratio Lower Upper
202 100
101 11.9 9.2 13.8
203 16.7 13.4 20.0





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.313 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

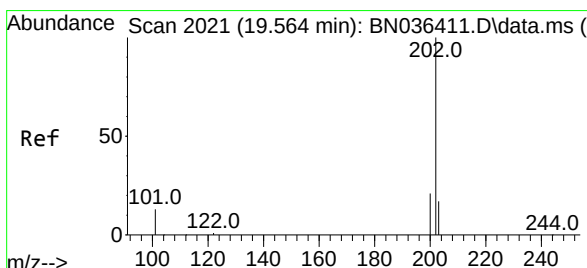
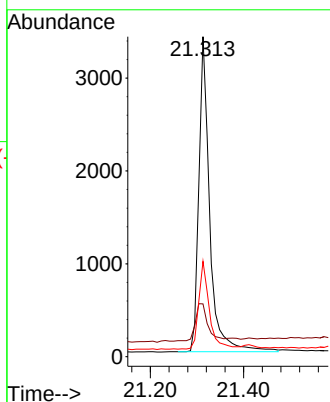
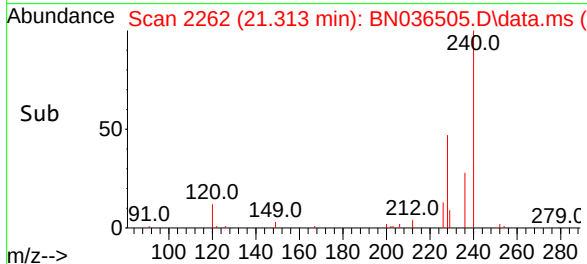
Instrument :
BNA_N
ClientSampleId :
PB166832BSD



Tgt Ion:240 Resp: 5495
Ion Ratio Lower Upper
240 100
120 16.5 13.3 19.9
236 29.8 23.0 34.6

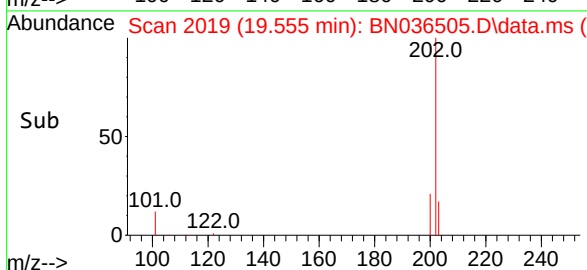
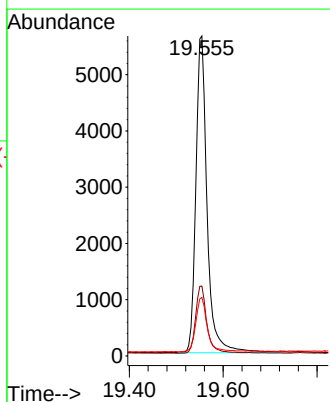
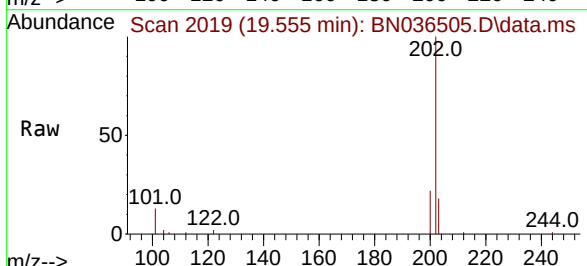
Manual Integrations
APPROVED

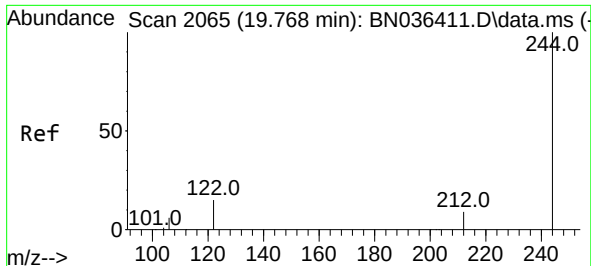
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#30
Pyrene
Concen: 0.442 ng
RT: 19.555 min Scan# 2019
Delta R.T. -0.009 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

Tgt Ion:202 Resp: 9354
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.6 13.9 20.9





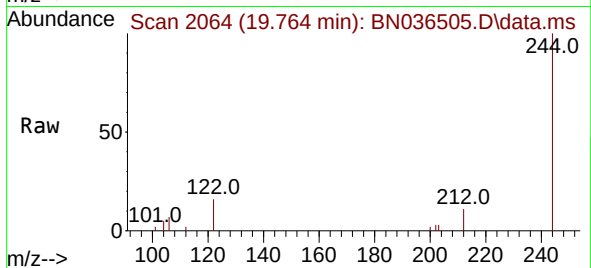
#31
 Terphenyl-d14
 Concen: 0.420 ng
 RT: 19.764 min Scan# 2064
 Delta R.T. -0.005 min
 Lab File: BN036505.D
 Acq: 24 Feb 2025 19:25

Instrument :

BNA_N

ClientSampleId :

PB166832BSD

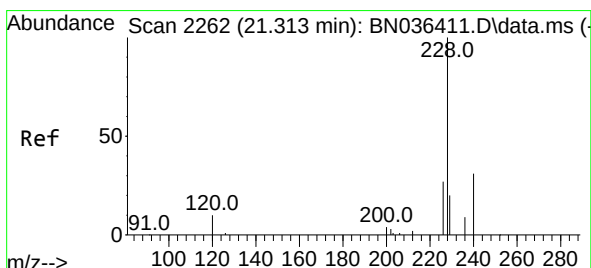
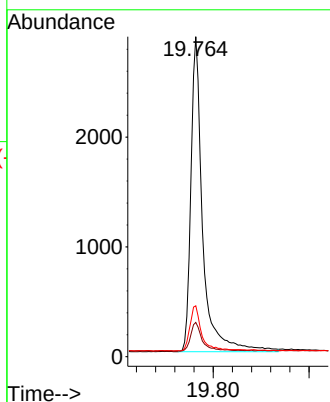
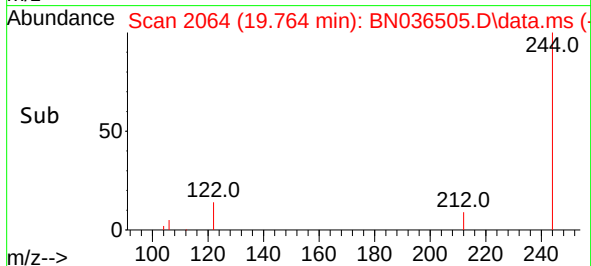


Tgt Ion:244 Resp: 4925
 Ion Ratio Lower Upper
 244 100
 212 10.7 8.1 12.1
 122 15.9 12.8 19.2

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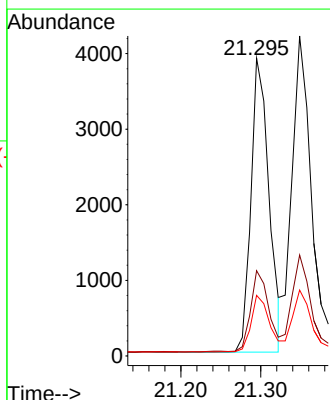
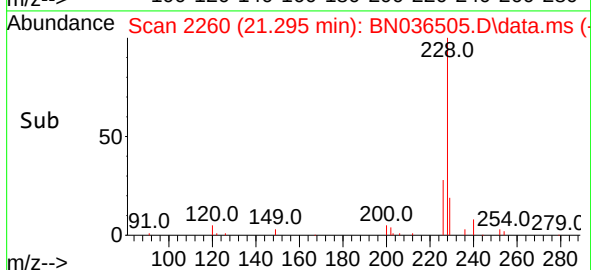
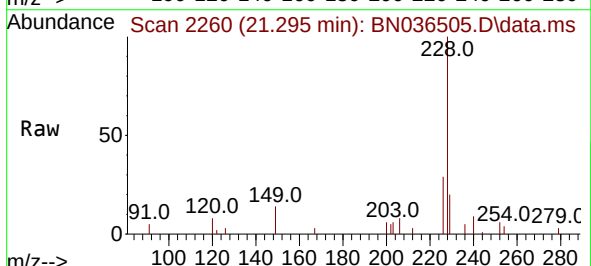
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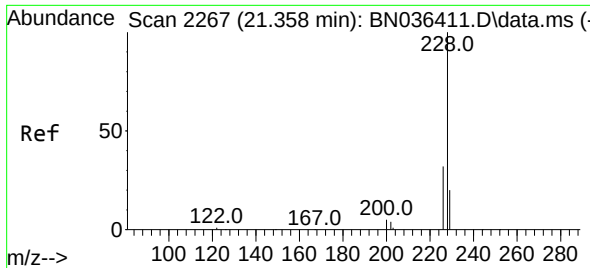
Reviewed By :Rahul Chavli 02/25/2025
 Supervised By :mohammad ahmed 02/28/2025



#32
 Benzo(a)anthracene
 Concen: 0.337 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. -0.018 min
 Lab File: BN036505.D
 Acq: 24 Feb 2025 19:25

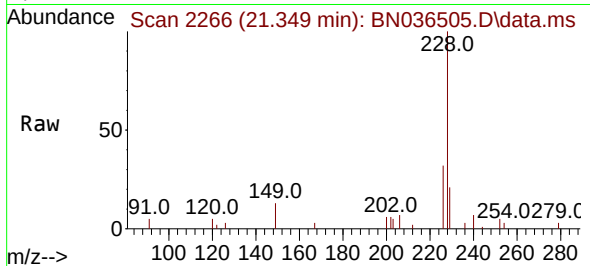
Tgt Ion:228 Resp: 6090
 Ion Ratio Lower Upper
 228 100
 226 28.7 22.2 33.2
 229 20.4 16.5 24.7





#33
Chrysene
Concen: 0.379 ng
RT: 21.349 min Scan# 21349
Delta R.T. -0.009 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

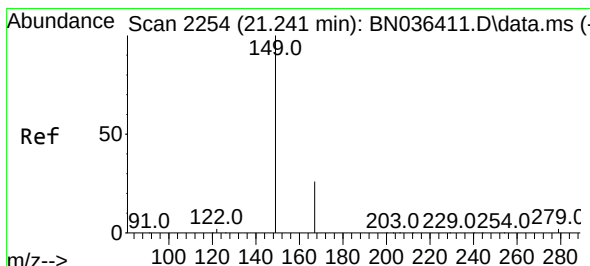
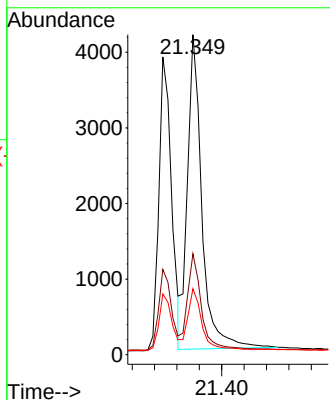
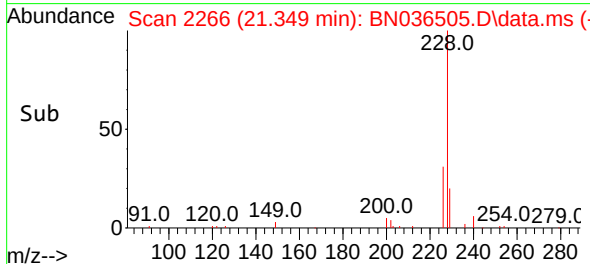
Instrument :
BNA_N
ClientSampleId :
PB166832BSD



Tgt Ion:228 Resp: 743
Ion Ratio Lower Upper
228 100
226 31.6 25.5 38.3
229 20.6 16.4 24.6

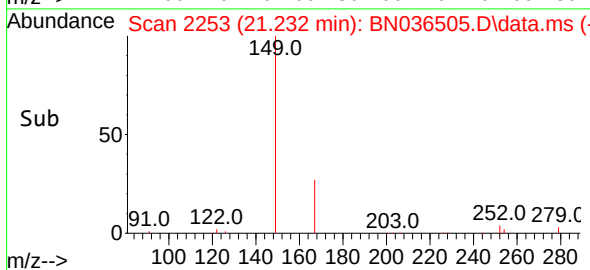
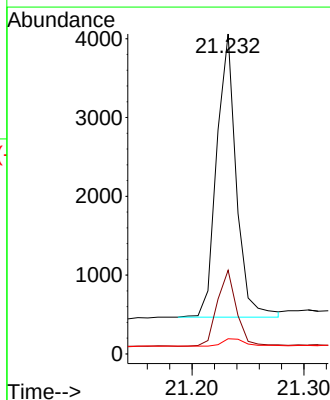
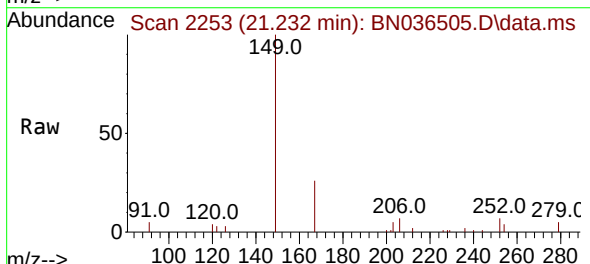
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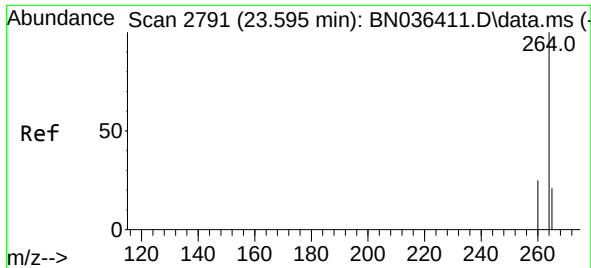
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.389 ng
RT: 21.232 min Scan# 2253
Delta R.T. -0.009 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

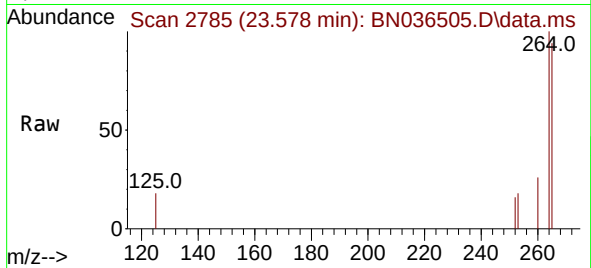
Tgt Ion:149 Resp: 4389
Ion Ratio Lower Upper
149 100
167 26.7 21.2 31.8
279 3.2 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.578 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN036505.D
 Acq: 24 Feb 2025 19:25

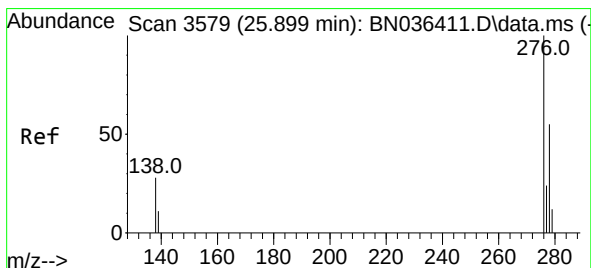
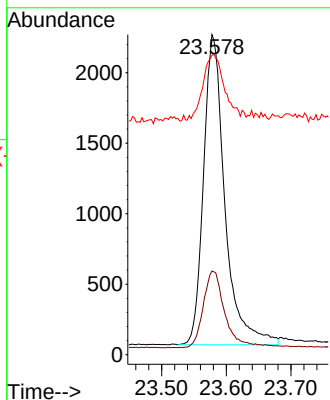
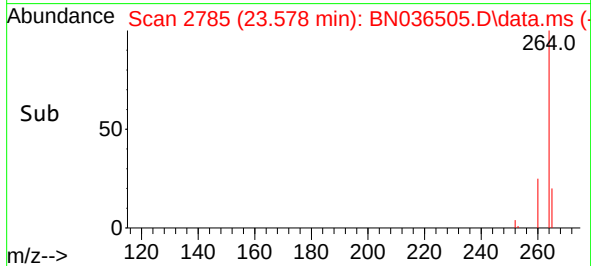
Instrument :
 BNA_N
 ClientSampleId :
 PB166832BSD



Tgt Ion:264 Resp: 5044
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.9 31.3
 265 93.6 60.7 91.1

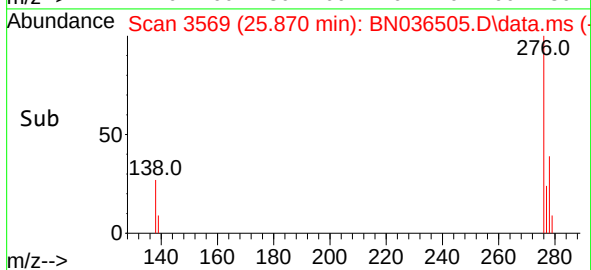
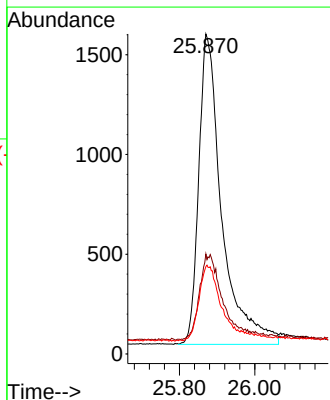
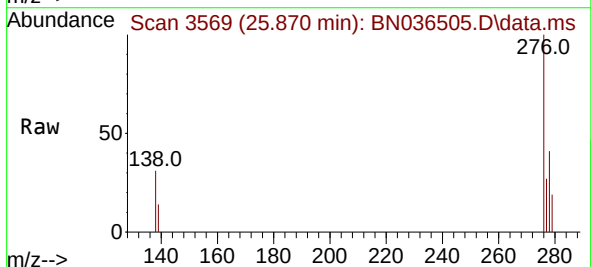
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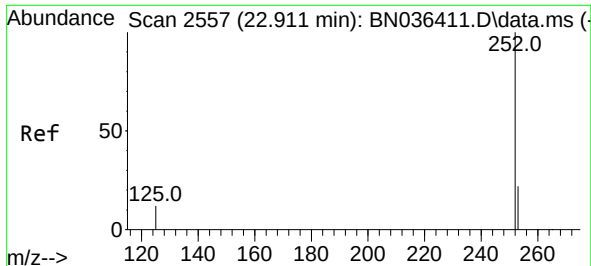
Reviewed By :Rahul Chavli 02/25/2025
 Supervised By :mohammad ahmed 02/28/2025



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.375 ng m
 RT: 25.870 min Scan# 3569
 Delta R.T. -0.029 min
 Lab File: BN036505.D
 Acq: 24 Feb 2025 19:25

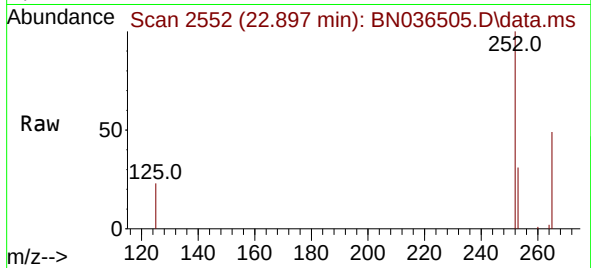
Tgt Ion:276 Resp: 6603
 Ion Ratio Lower Upper
 276 100
 138 9.5 22.2 33.2#
 277 22.7 19.8 29.6





#37
Benzo(b)fluoranthene
Concen: 0.350 ng
RT: 22.897 min Scan# 2557
Delta R.T. -0.015 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

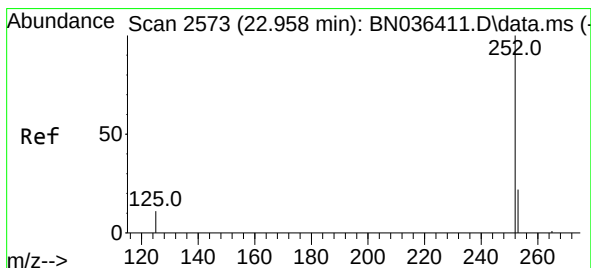
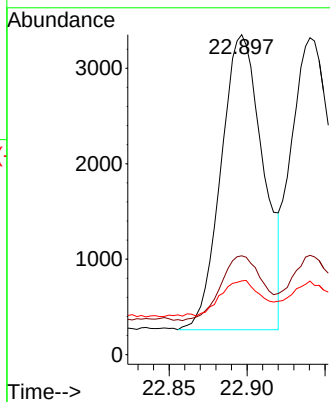
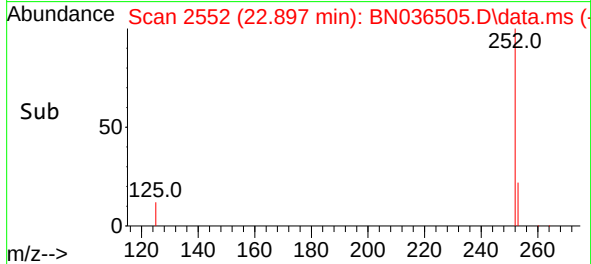
Instrument :
BNA_N
ClientSampleId :
PB166832BSD



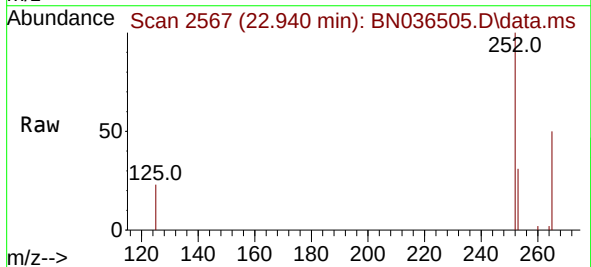
Tgt Ion:252 Resp: 5809
Ion Ratio Lower Upper
252 100
253 30.9 21.9 32.9
125 23.1 15.0 22.6

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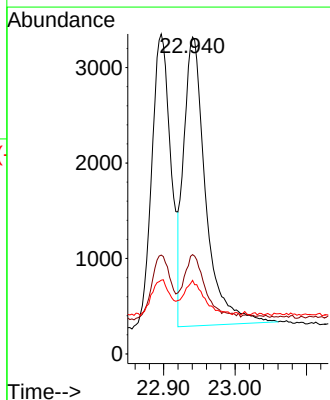
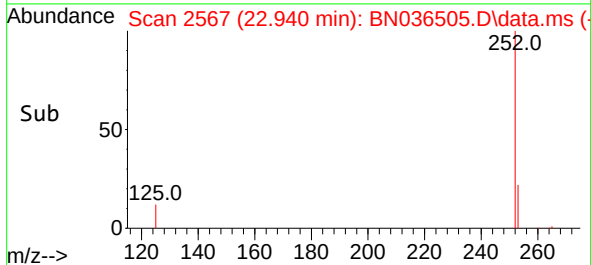
Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025

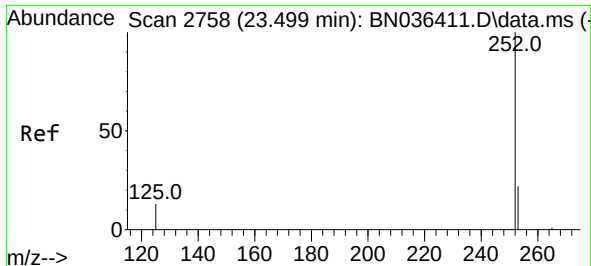


#38
Benzo(k)fluoranthene
Concen: 0.378 ng
RT: 22.940 min Scan# 2567
Delta R.T. -0.018 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25



Tgt Ion:252 Resp: 6456
Ion Ratio Lower Upper
252 100
253 31.3 22.2 33.4
125 23.2 15.0 22.4





#39

Benzo(a)pyrene

Concen: 0.369 ng

RT: 23.481 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN036505.D

Acq: 24 Feb 2025 19:25

Instrument :

BN036411.D

ClientSampleId :

PB166832BSD

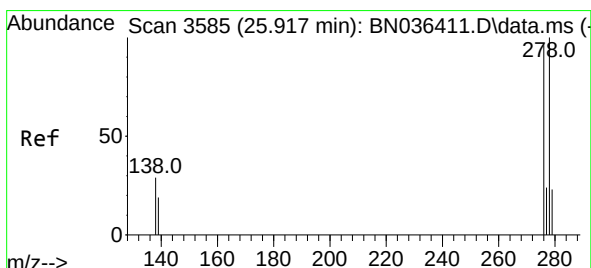
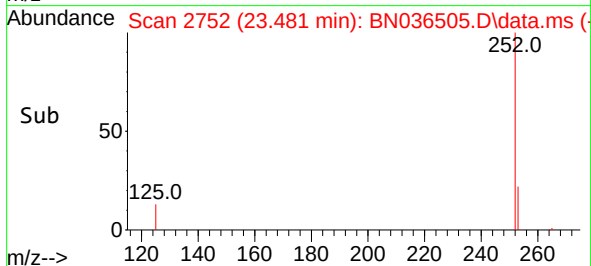
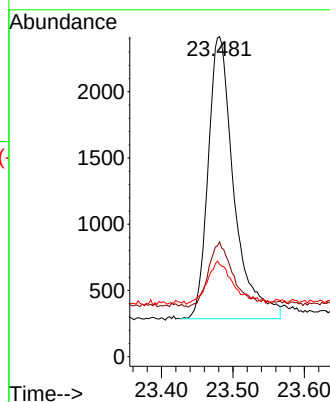
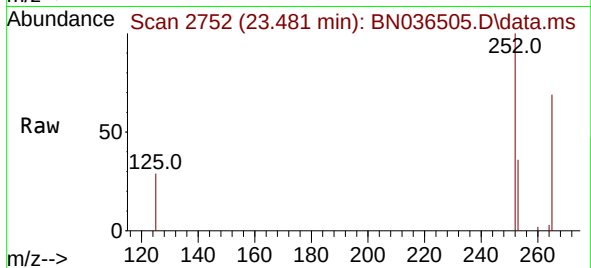
Tgt Ion:	252	Resp:	5350
Ion Ratio	Lower	Upper	
252	100		
253	35.9	24.4	36.6
125	28.9	18.2	27.2

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: 0.357 ng

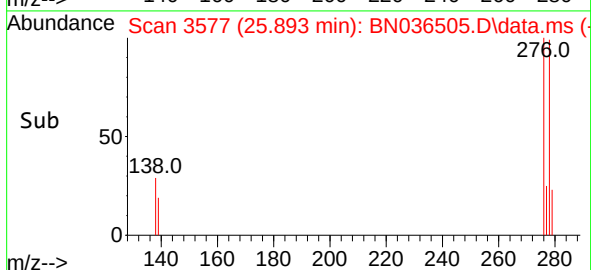
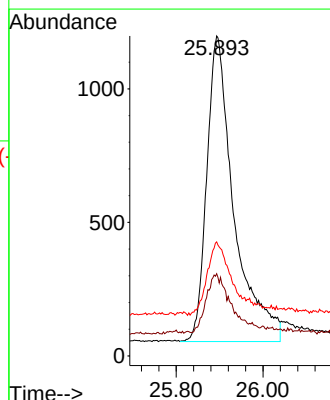
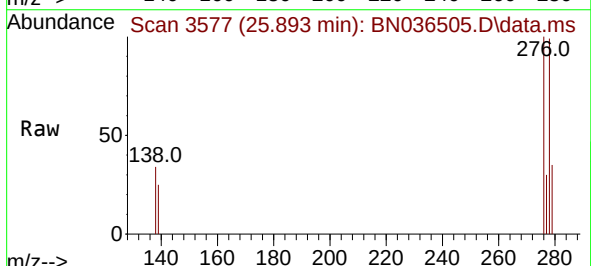
RT: 25.893 min Scan# 3577

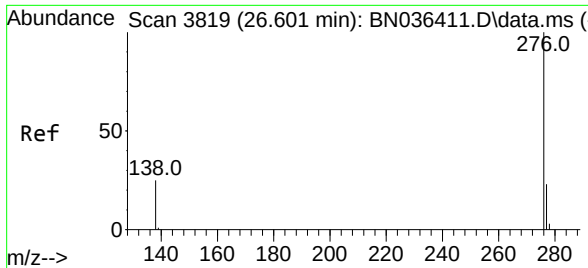
Delta R.T. -0.023 min

Lab File: BN036505.D

Acq: 24 Feb 2025 19:25

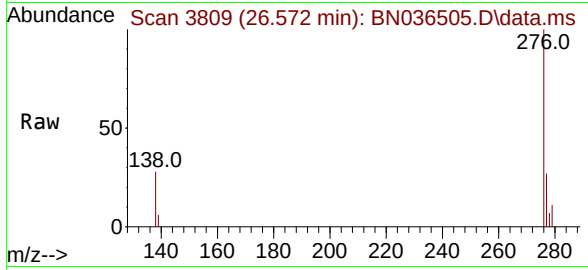
Tgt Ion:	278	Resp:	4972
Ion Ratio	Lower	Upper	
278	100		
139	25.7	18.5	27.7
279	35.6	24.8	37.2





#41
Benzo(g,h,i)perylene
Concen: 0.332 ng
RT: 26.572 min Scan# 3809
Delta R.T. -0.029 min
Lab File: BN036505.D
Acq: 24 Feb 2025 19:25

Instrument :
BNA_N
ClientSampleId :
PB166832BSD



Tgt Ion: 276 Resp: 523
Ion Ratio Lower Upper
276 100
277 27.4 20.7 31.1
138 27.8 21.8 32.6

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

