

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
 Data File : BN026754.D
 Acq On : 25 Jul 2023 19:58
 Operator : MA/JU
 Sample : 03709-05MSD
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-04-400-415-072023MSD

Quant Time: Jul 25 20:49:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 23:51:48 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	1153	0.400	ng	# 0.00
7) Naphthalene-d8	10.628	136	3972	0.400	ng	# 0.00
13) Acenaphthene-d10	14.459	164	2885	0.400	ng	0.00
19) Phenanthrene-d10	17.207	188	5973	0.400	ng	#-0.01
29) Chrysene-d12	21.417	240	4589	0.400	ng	# 0.00
35) Perylene-d12	23.788	264	5431	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.452	112	233	0.083	ng	0.04
5) Phenol-d6	7.084	99	211	0.059	ng	0.04
8) Nitrobenzene-d5	9.059	82	466m	0.137	ng	0.02
11) 2-Methylnaphthalene-d10	12.230	152	1599	0.275	ng	0.00
14) 2,4,6-Tribromophenol	15.978	330	282	0.269	ng	0.00
15) 2-Fluorobiphenyl	13.090	172	2452	0.220	ng	-0.01
27) Fluoranthene-d10	19.249	212	3336	0.264	ng	0.00
31) Terphenyl-d14	19.843	244	3039	0.259	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.227	88	2054	1.684	ng	# 87
3) n-Nitrosodimethylamine	3.675	42	122	0.099	ng	# 27
6) bis(2-Chloroethyl)ether	7.315	93	391	0.133	ng	# 36
9) Naphthalene	10.682	128	1968	0.183	ng	# 83
10) Hexachlorobutadiene	10.938	225	493	0.237	ng	# 98
12) 2-Methylnaphthalene	12.298	142	1452	0.192	ng	# 88
16) Acenaphthylene	14.191	152	2619	0.194	ng	97
17) Acenaphthene	14.523	154	1706	0.195	ng	98
18) Fluorene	15.519	166	2215	0.194	ng	98
21) 4-Bromophenyl-phenylether	16.400	248	808	0.237	ng	# 78
22) Hexachlorobenzene	16.524	284	832	0.243	ng	96
23) Atrazine	16.673	200	800	0.273	ng	# 89
24) Pentachlorophenol	16.884	266	618	0.384	ng	97
25) Phenanthrene	17.257	178	3858	0.220	ng	99
26) Anthracene	17.343	178	3409	0.216	ng	99
28) Fluoranthene	19.281	202	4569	0.249	ng	# 91
30) Pyrene	19.644	202	4636	0.182	ng	99
32) Benzo(a)anthracene	21.399	228	3747	0.227	ng	96
33) Chrysene	21.453	228	4257	0.231	ng	97
34) Bis(2-ethylhexyl)phtha...	21.300	149	4589	0.311	ng	# 94
36) Indeno(1,2,3-cd)pyrene	26.253	276	4724	0.212	ng	# 83
37) Benzo(b)fluoranthene	23.069	252	3988	0.202	ng	# 81
38) Benzo(k)fluoranthene	23.116	252	4051	0.190	ng	# 80
39) Benzo(a)pyrene	23.689	252	3625	0.187	ng	# 76
40) Dibenzo(a,h)anthracene	26.261	278	3620	0.207	ng	# 73
41) Benzo(g,h,i)perylene	27.010	276	4130	0.203	ng	# 85

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

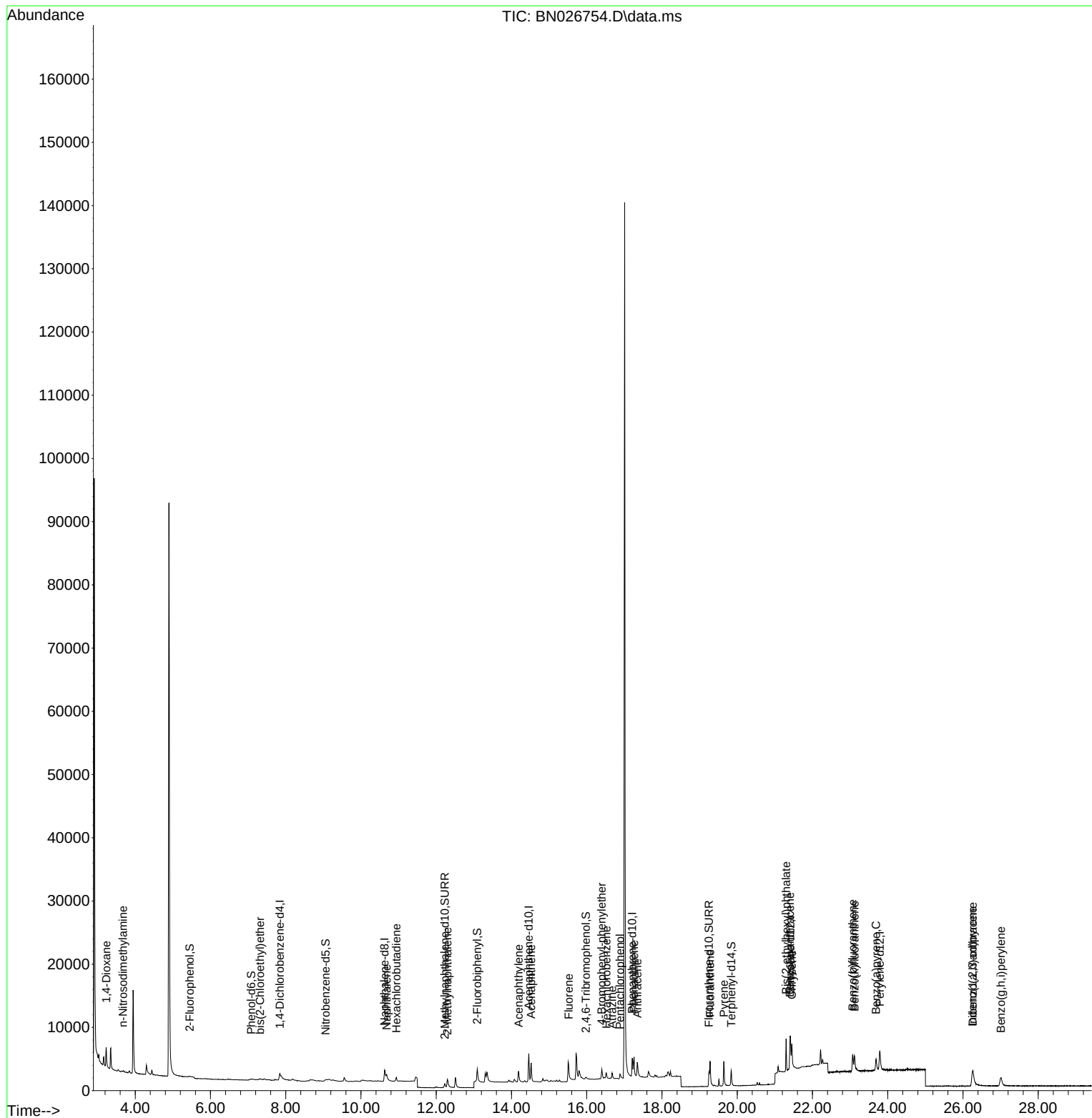
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
 Data File : BN026754.D
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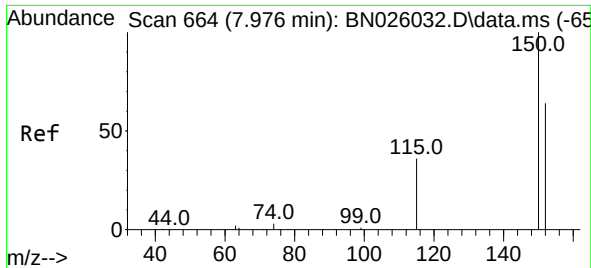
Instrument :
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 ClientSampleId :
 GWBR-04-400-415-072023MSD

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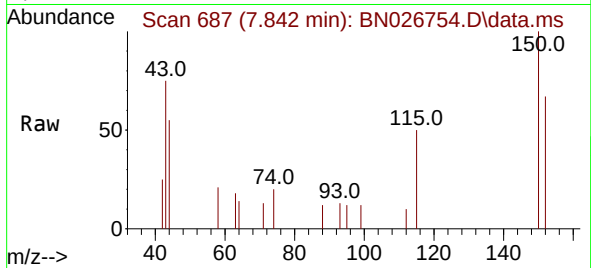
Quant Time: Jul 25 20:49:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.842 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

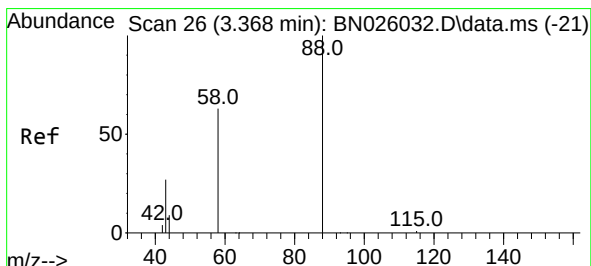
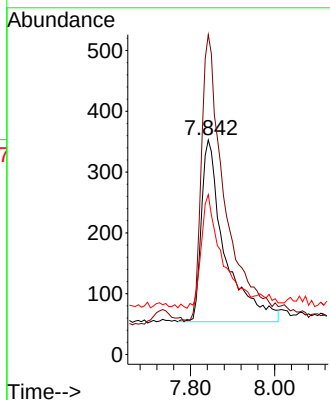
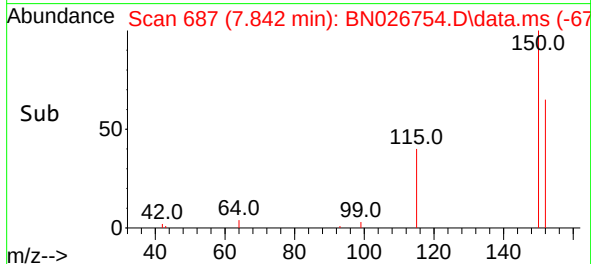
Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MSD



Tgt Ion:152 Resp: 115
Ion Ratio Lower Upper
152 100
150 149.0 124.7 187.1
115 74.5 48.2 72.4

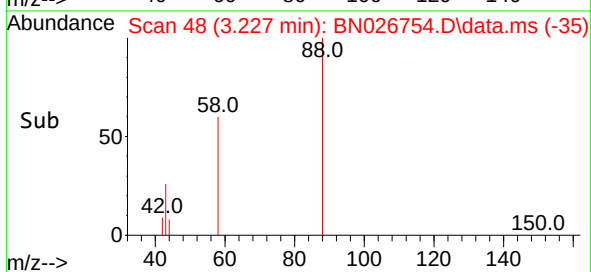
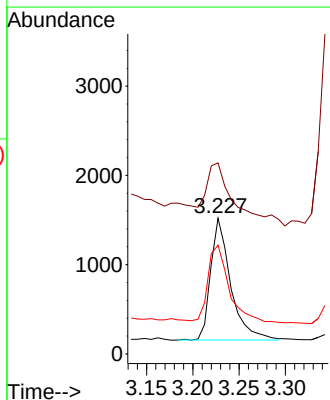
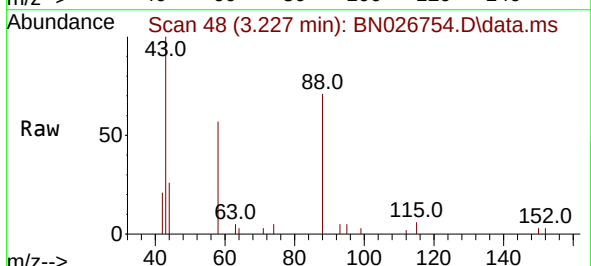
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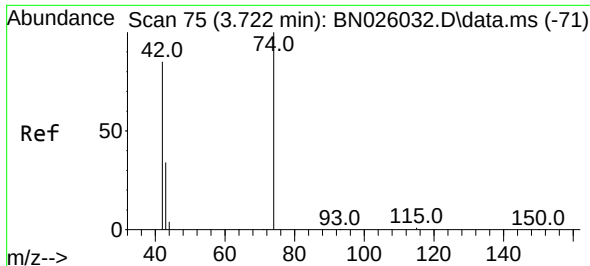
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#2
1,4-Dioxane
Concen: 1.684 ng
RT: 3.227 min Scan# 48
Delta R.T. -0.007 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

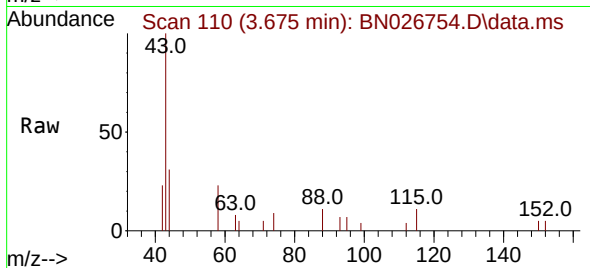
Tgt Ion: 88 Resp: 2054
Ion Ratio Lower Upper
88 100
43 52.6 24.2 36.4
58 66.1 53.3 79.9





#3
n-Nitrosodimethylamine
Concen: 0.099 ng
RT: 3.675 min Scan# 110
Delta R.T. 0.043 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

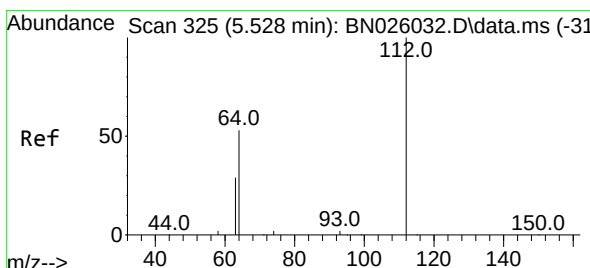
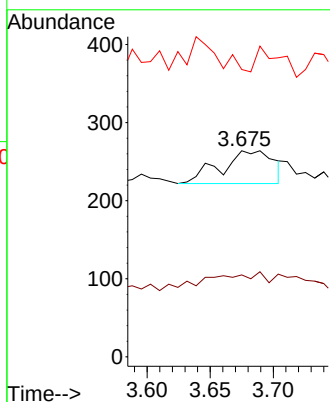
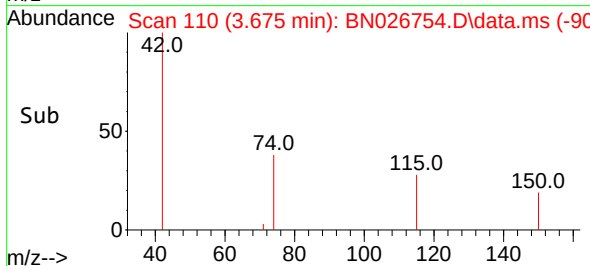
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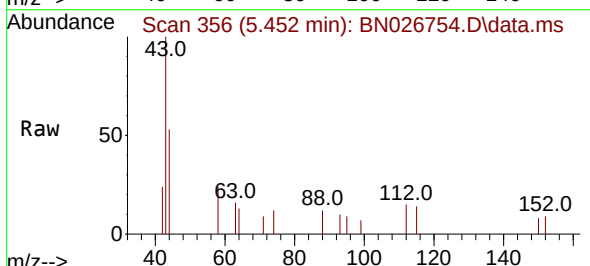
Tgt Ion: 42 Resp: 122
Ion Ratio Lower Upper
42 100
74 35.2 93.8 140.8
44 0.0 3.0 4.4

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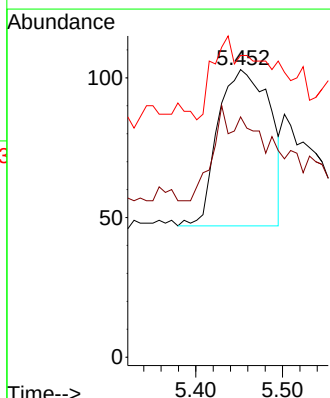
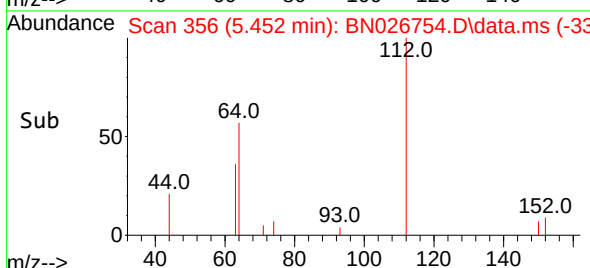
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

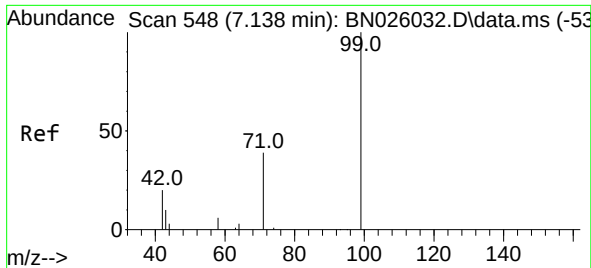


#4
2-Fluorophenol
Concen: 0.083 ng
RT: 5.452 min Scan# 356
Delta R.T. 0.036 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58



Tgt Ion:112 Resp: 233
Ion Ratio Lower Upper
112 100
64 0.0 45.8 68.6#
63 0.0 27.4 41.2#





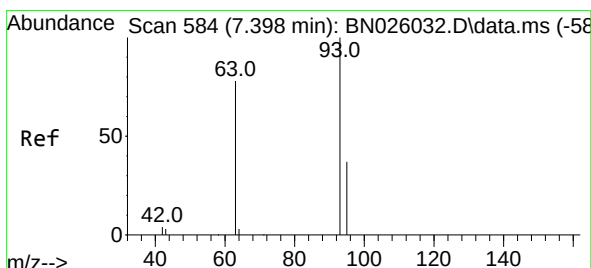
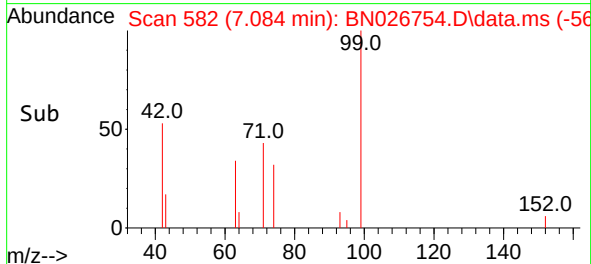
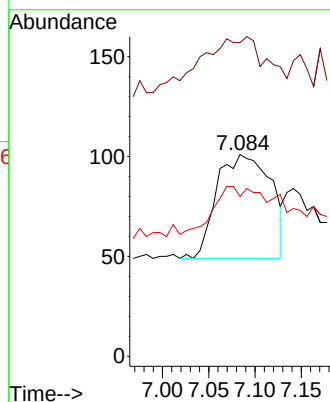
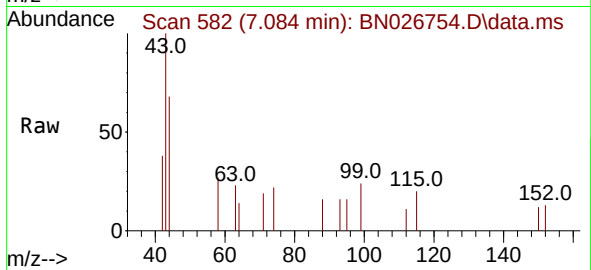
#5
Phenol-d6
Concen: 0.059 ng
RT: 7.084 min Scan# 51
Delta R.T. 0.043 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MSD

Tgt Ion: 99 Resp: 211
Ion Ratio Lower Upper
99 100
42 77.7 18.4 27.6
71 0.0 30.6 46.0

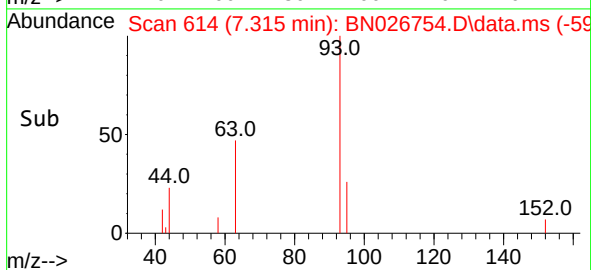
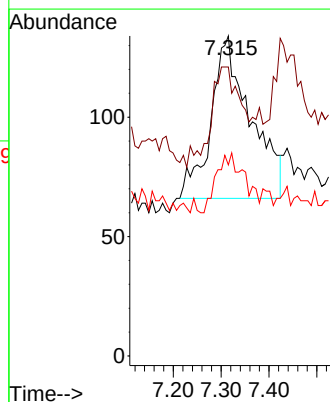
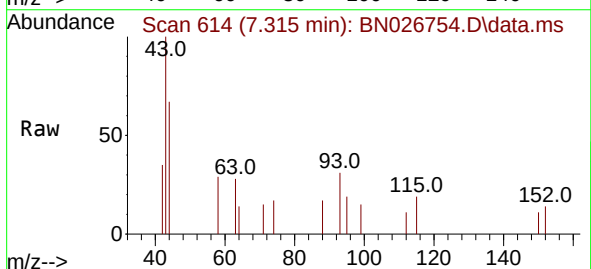
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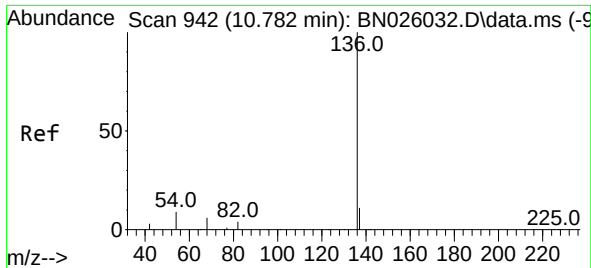
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.133 ng
RT: 7.315 min Scan# 614
Delta R.T. 0.022 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

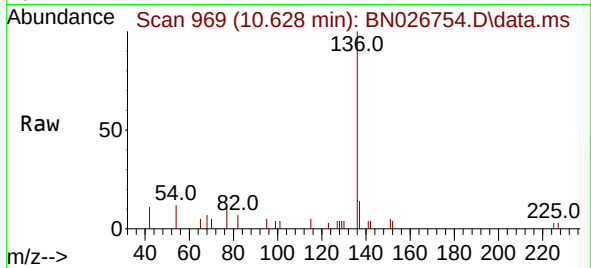
Tgt Ion: 93 Resp: 391
Ion Ratio Lower Upper
93 100
63 0.0 58.8 88.2#
95 25.8 29.2 43.8#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.628 min Scan# 90
Delta R.T. 0.000 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

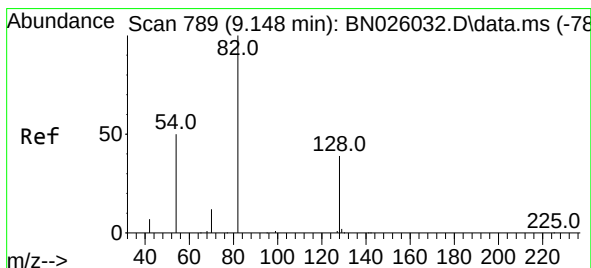
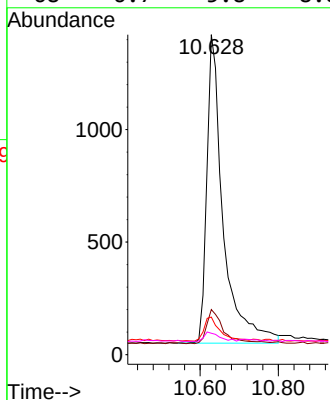
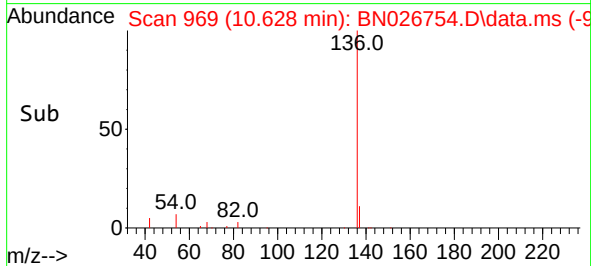
Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MSD



Tgt Ion: 136 Resp: 3972
Ion Ratio Lower Upper
136 100
137 14.1 9.0 13.4#
54 11.7 7.8 11.6#
68 6.7 5.8 8.8#

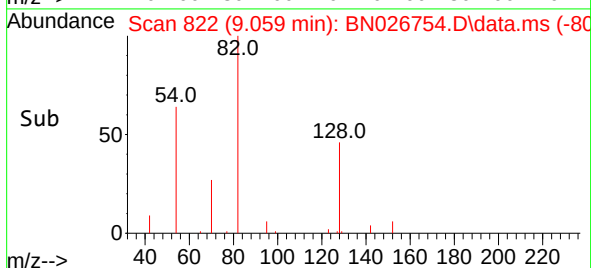
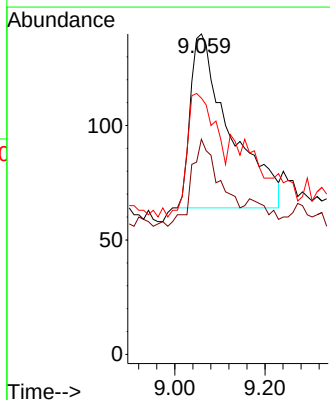
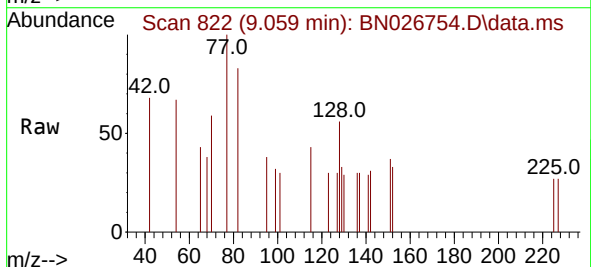
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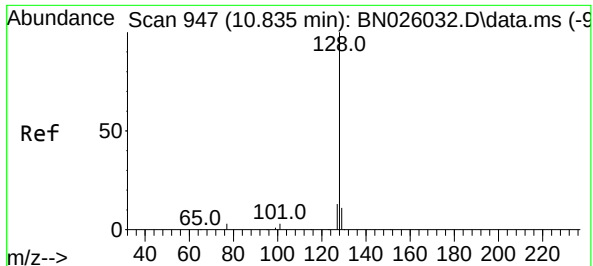
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#8
Nitrobenzene-d5
Concen: 0.137 ng m
RT: 9.059 min Scan# 822
Delta R.T. 0.021 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

Tgt Ion: 82 Resp: 466
Ion Ratio Lower Upper
82 100
128 67.1 33.4 50.2#
54 80.0 41.7 62.5#





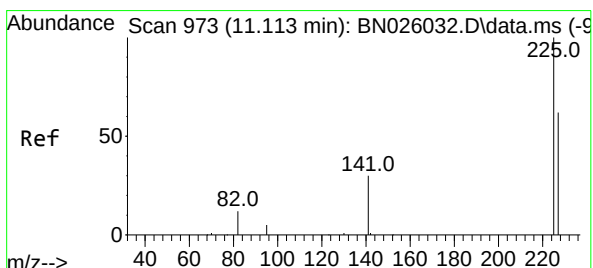
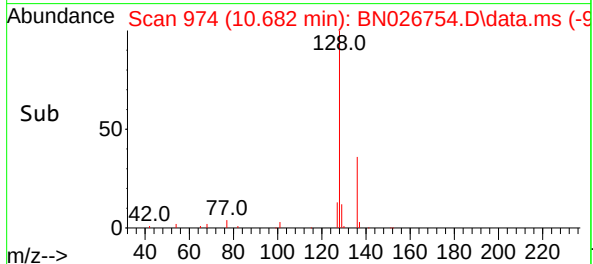
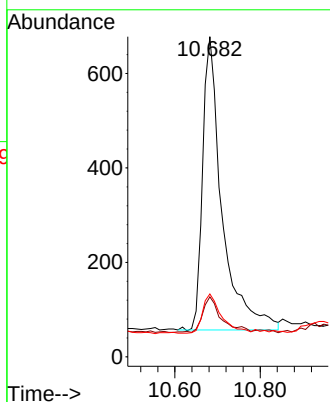
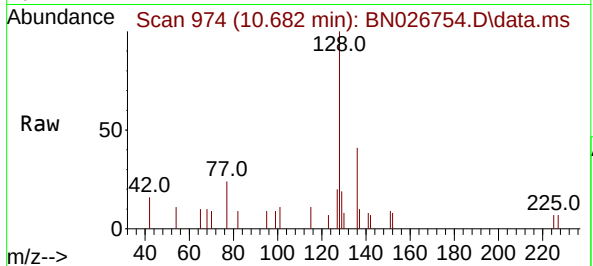
#9
Naphthalene
Concen: 0.183 ng
RT: 10.682 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

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GWR-04-400-415-072023MSD

Tgt Ion:128 Resp: 196
Ion Ratio Lower Upper
128 100
129 18.7 9.1 13.7
127 19.6 10.9 16.3

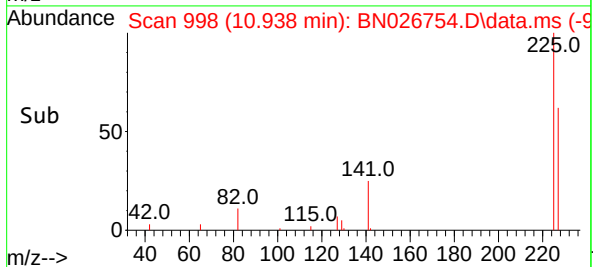
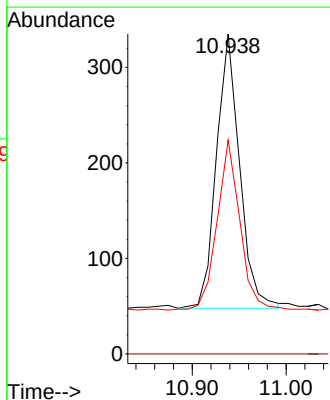
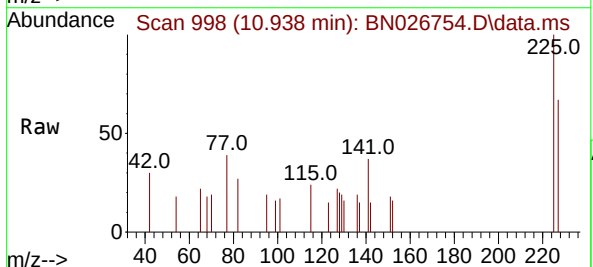
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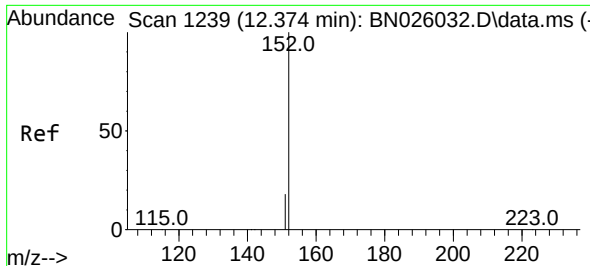
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#10
Hexachlorobutadiene
Concen: 0.237 ng
RT: 10.938 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

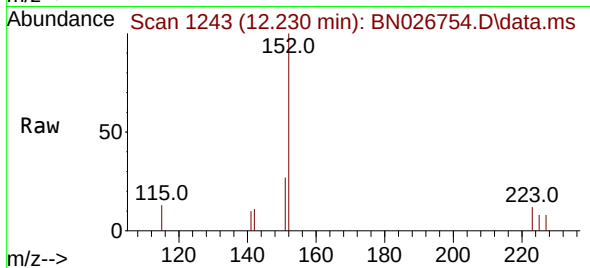
Tgt Ion:225 Resp: 493
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 61.1 50.3 75.5





#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 12.230 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

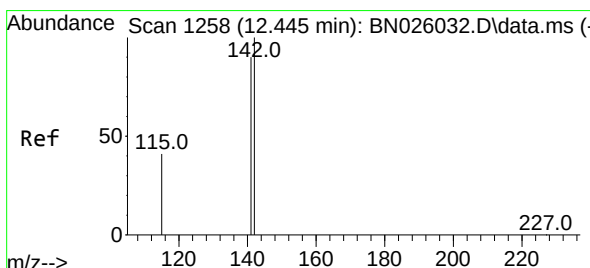
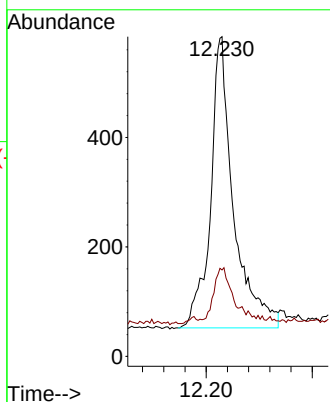
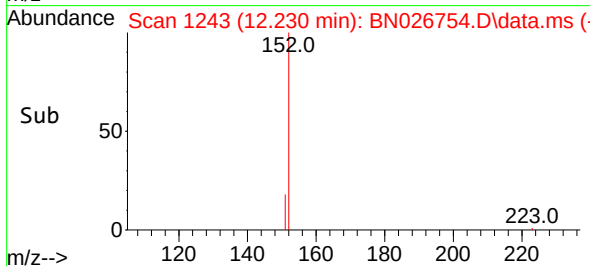
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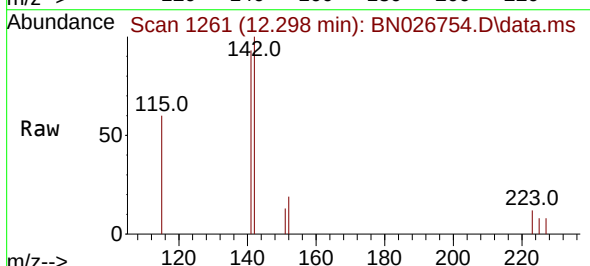
Tgt Ion:152 Resp: 1599
Ion Ratio Lower Upper
152 100
151 15.2 16.2 24.2

Manual Integrations
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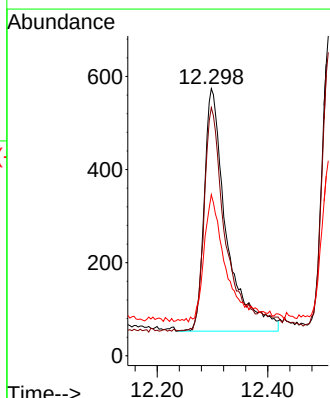
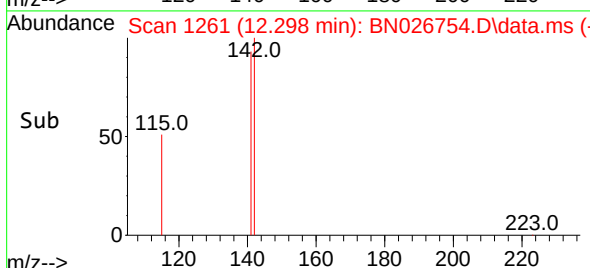
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

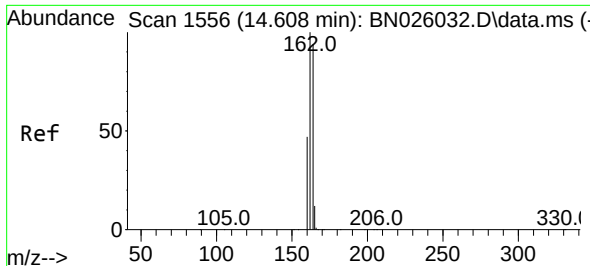


#12
2-Methylnaphthalene
Concen: 0.192 ng
RT: 12.298 min Scan# 1261
Delta R.T. -0.004 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58



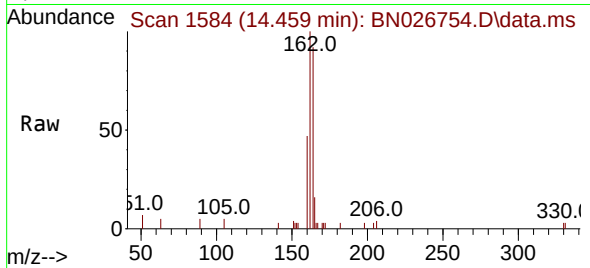
Tgt Ion:142 Resp: 1452
Ion Ratio Lower Upper
142 100
141 92.9 71.7 107.5
115 60.3 33.4 50.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.459 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

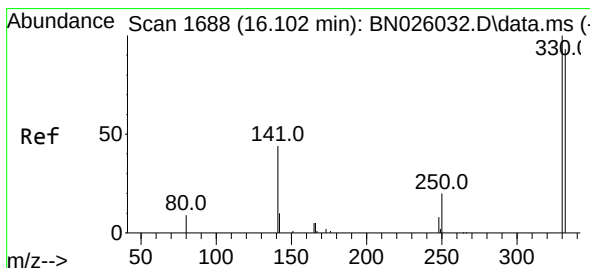
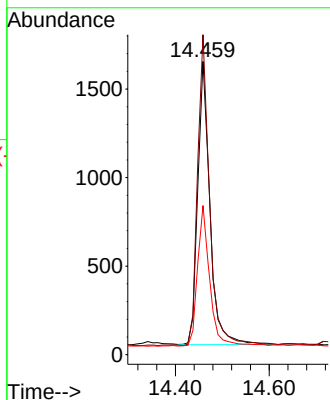
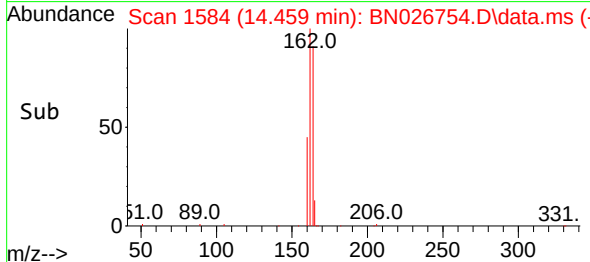
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ClientSampleId :
GWBR-04-400-415-072023MSD



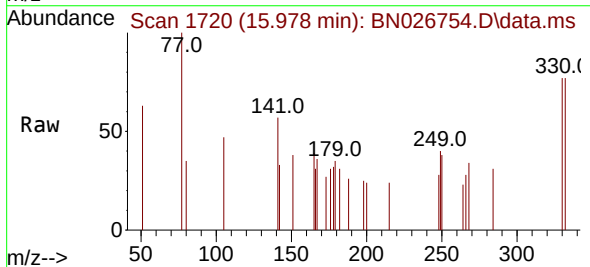
Tgt Ion:164 Resp: 288
Ion Ratio Lower Upper
164 100
162 109.1 85.3 127.9
160 50.8 40.0 60.0

Manual Integrations
APPROVED

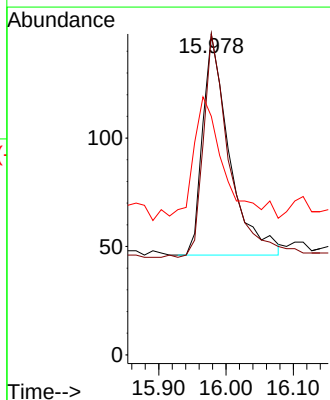
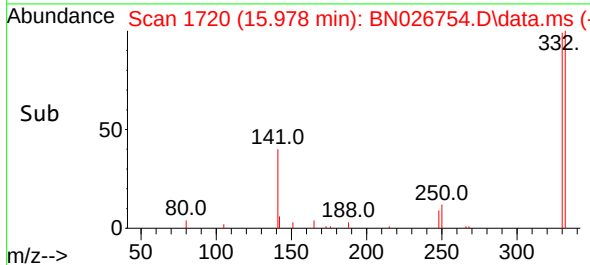
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

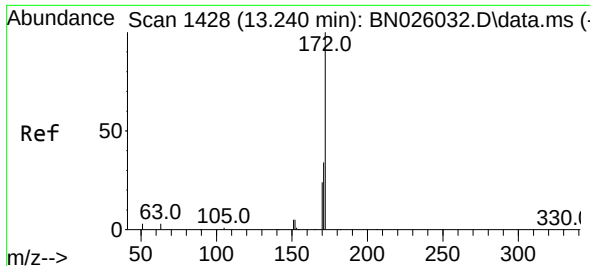


#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 15.978 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58



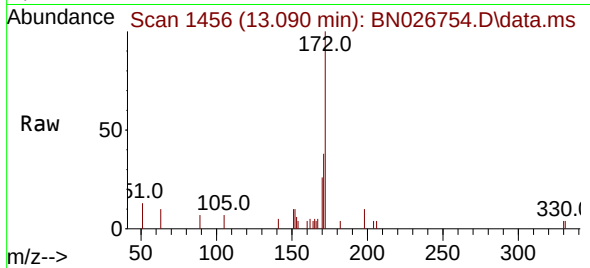
Tgt Ion:330 Resp: 282
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 60.3 42.8 64.2





#15
2-Fluorobiphenyl
Concen: 0.220 ng
RT: 13.090 min Scan# 1428
Delta R.T. -0.011 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

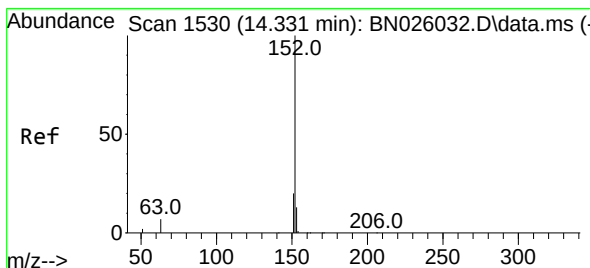
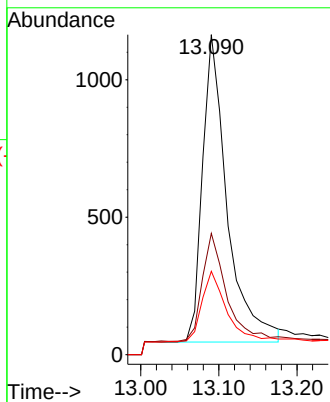
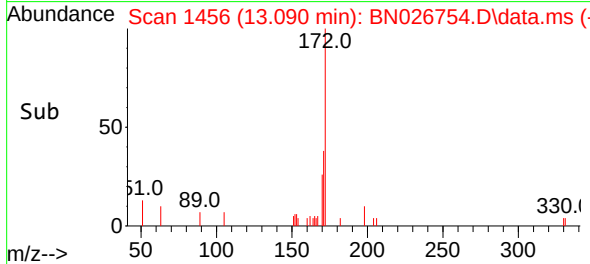
Instrument : BNA_N
ClientSampleId : GWBR-04-400-415-072023MSD



Tgt Ion:172 Resp: 2452
Ion Ratio Lower Upper
172 100
171 37.9 27.8 41.8
170 26.0 19.3 28.9

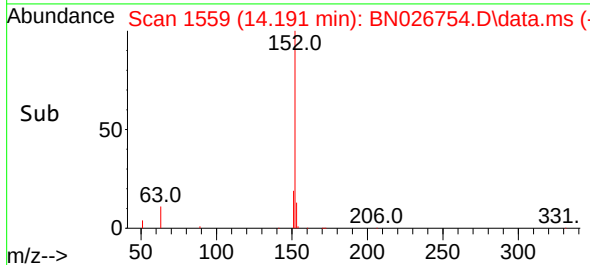
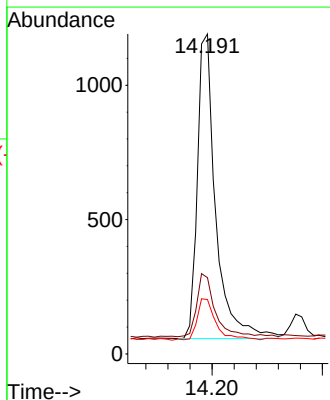
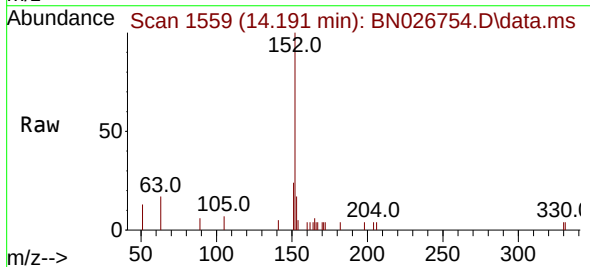
Manual Integrations
APPROVED

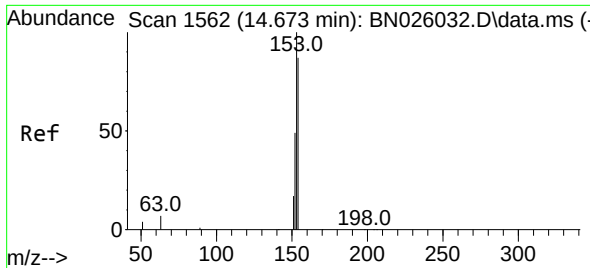
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#16
Acenaphthylene
Concen: 0.194 ng
RT: 14.191 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

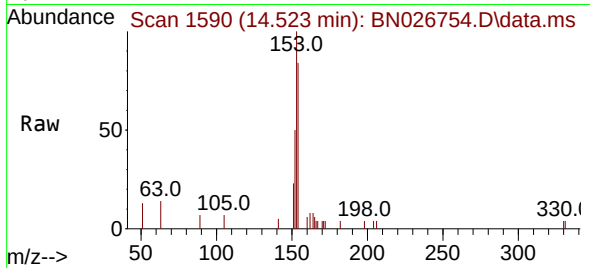
Tgt Ion:152 Resp: 2619
Ion Ratio Lower Upper
152 100
151 21.9 15.9 23.9
153 14.1 10.6 15.8





#17
Acenaphthene
Concen: 0.195 ng
RT: 14.523 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

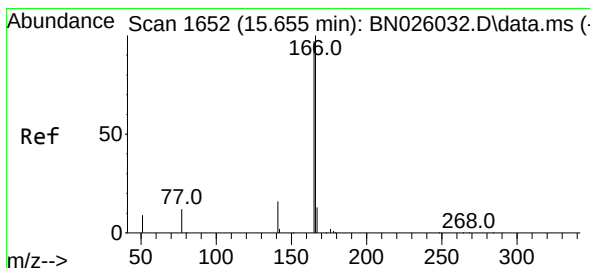
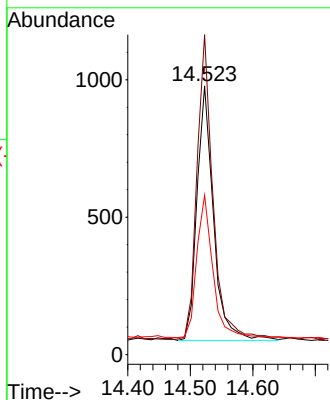
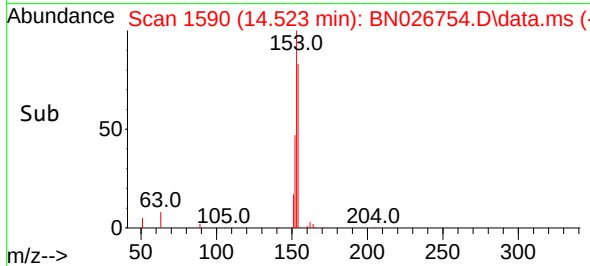
Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MSD



Tgt Ion:154 Resp: 1700
Ion Ratio Lower Upper
154 100
153 116.8 94.4 141.6
152 55.1 46.1 69.1

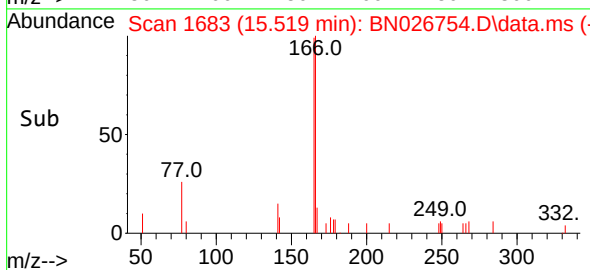
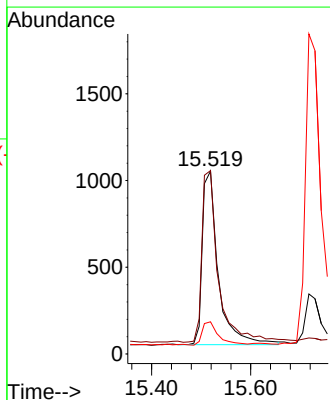
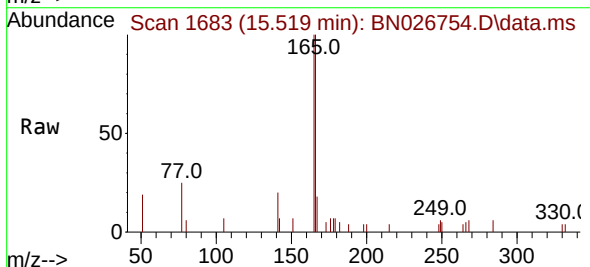
Manual Integrations
APPROVED

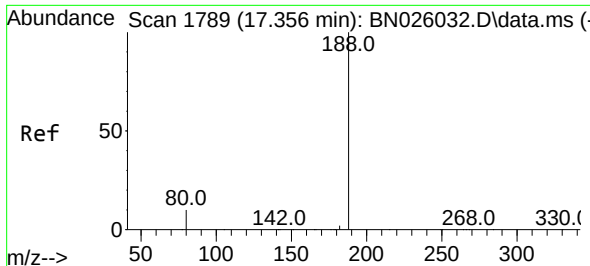
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#18
Fluorene
Concen: 0.194 ng
RT: 15.519 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

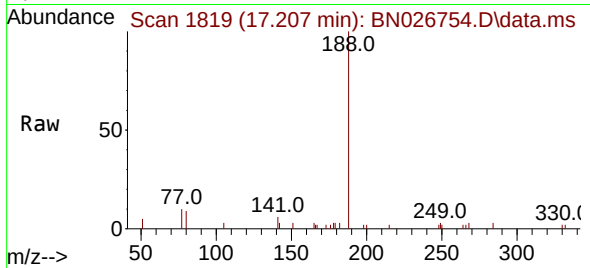
Tgt Ion:166 Resp: 2215
Ion Ratio Lower Upper
166 100
165 102.0 79.7 119.5
167 13.2 10.6 16.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.207 min Scan# 1789
Delta R.T. -0.012 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

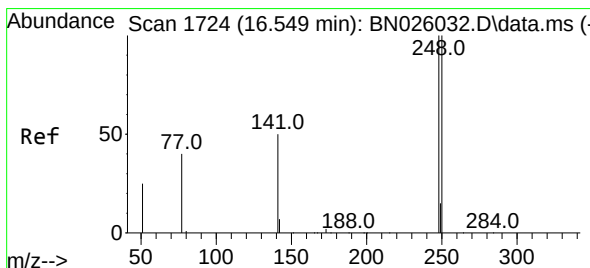
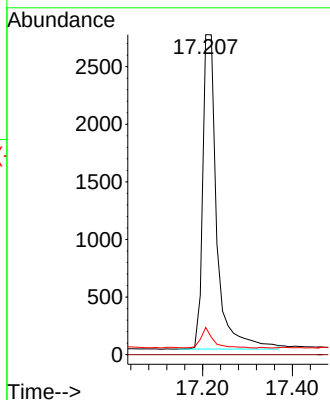
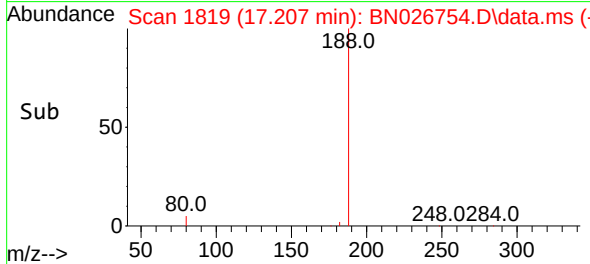
Instrument : BNA_N
ClientSampleId : GWBR-04-400-415-072023MSD



Tgt Ion:188 Resp: 597
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 8.6 13.0

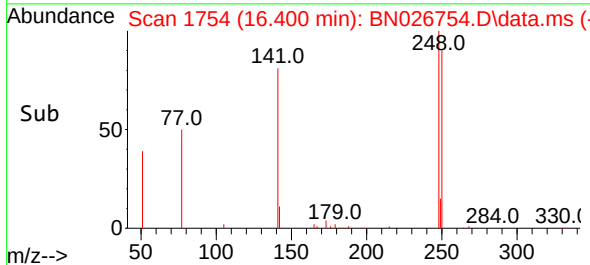
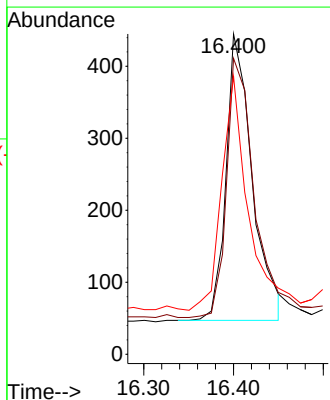
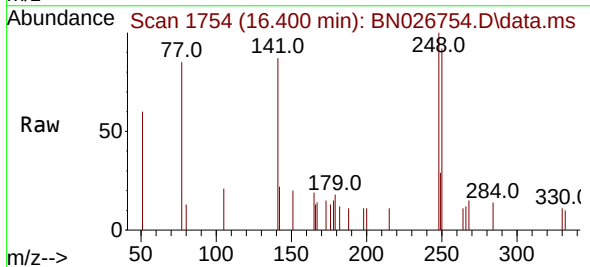
Manual Integrations
APPROVED

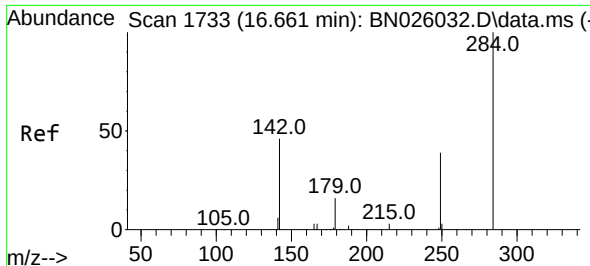
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#21
4-Bromophenyl-phenylether
Concen: 0.237 ng
RT: 16.400 min Scan# 1754
Delta R.T. -0.012 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

Tgt Ion:248 Resp: 808
Ion Ratio Lower Upper
248 100
250 92.4 79.9 119.9
141 86.7 41.6 62.4





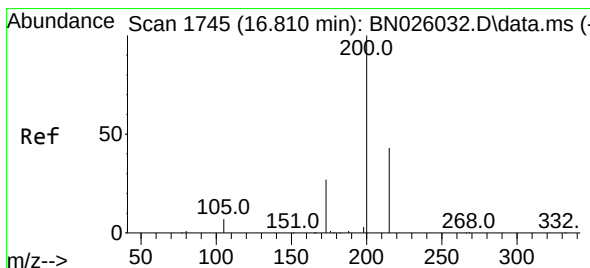
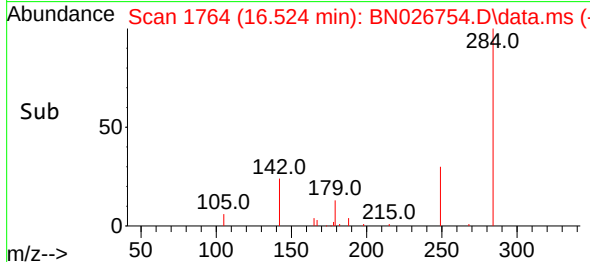
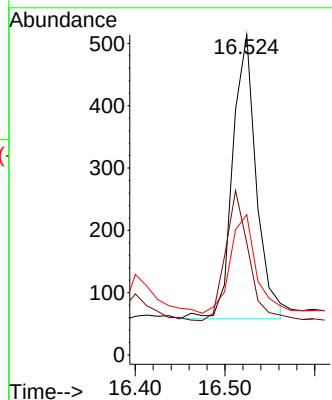
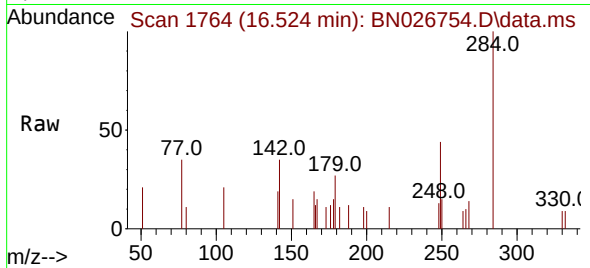
#22
Hexachlorobenzene
Concen: 0.243 ng
RT: 16.524 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MSD

Tgt Ion:284 Resp: 832
Ion Ratio Lower Upper
284 100
142 45.1 38.7 58.1
249 37.9 28.5 42.7

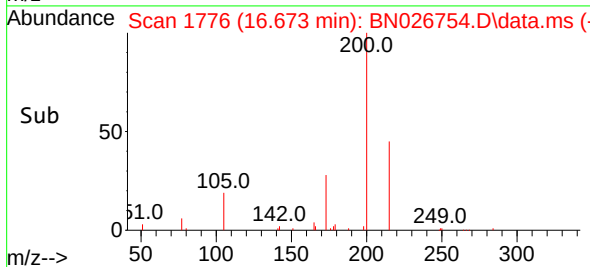
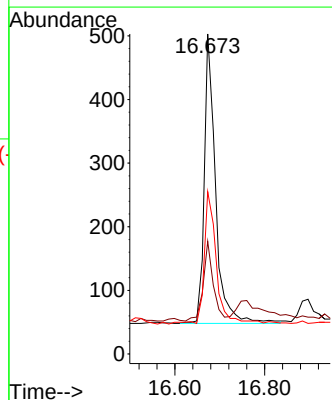
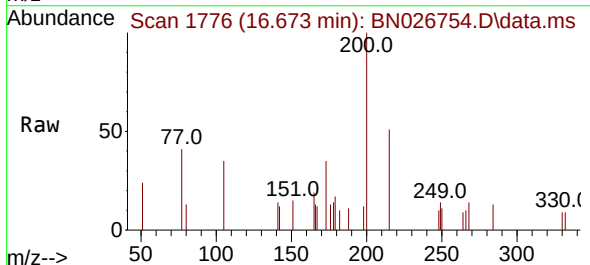
Manual Integrations
APPROVED

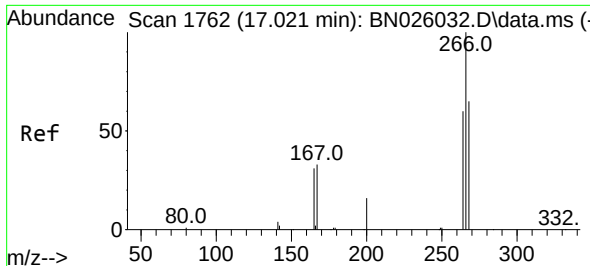
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#23
Atrazine
Concen: 0.273 ng
RT: 16.673 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

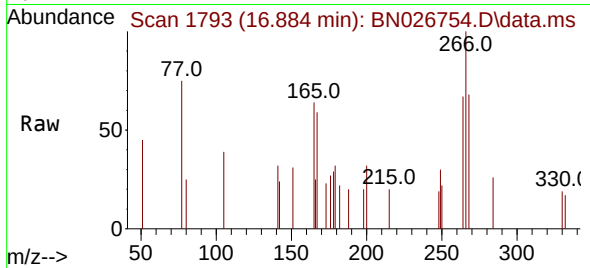
Tgt Ion:200 Resp: 800
Ion Ratio Lower Upper
200 100
173 35.2 22.9 34.3#
215 50.7 35.5 53.3





#24
 Pentachlorophenol
 Concen: 0.384 ng
 RT: 16.884 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN026754.D
 Acq: 25 Jul 2023 19:58

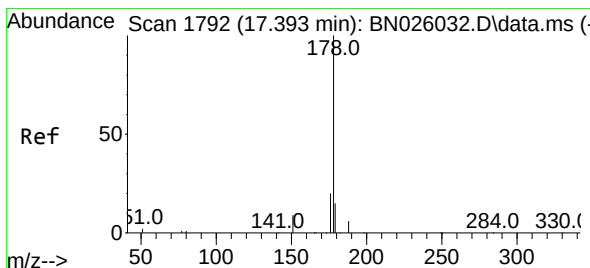
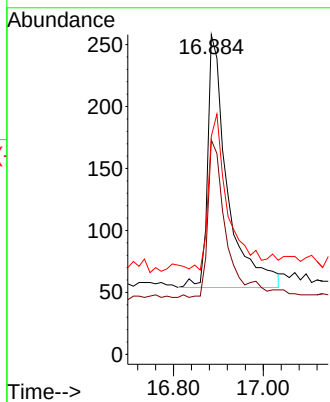
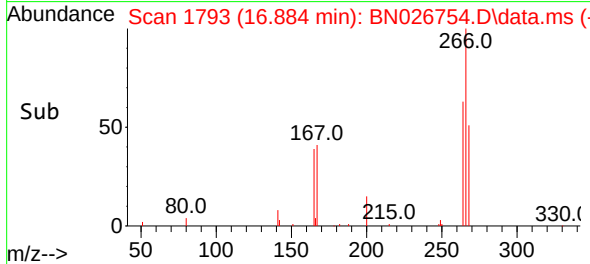
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-04-400-415-072023MSD



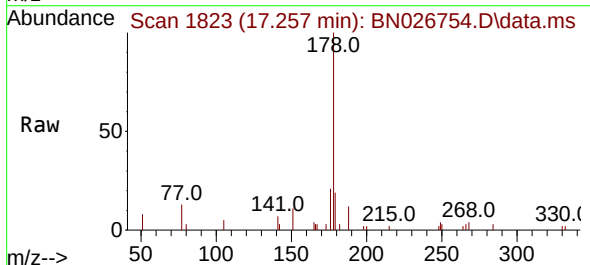
Tgt Ion:266 Resp: 618
 Ion Ratio Lower Upper
 266 100
 264 58.3 49.3 73.9
 268 59.4 48.3 72.5

Manual Integrations
 APPROVED

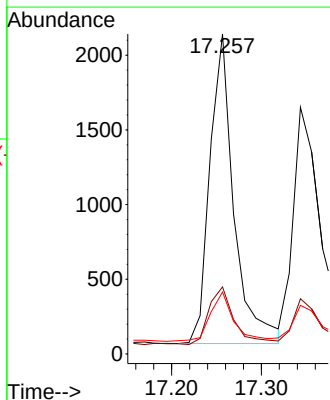
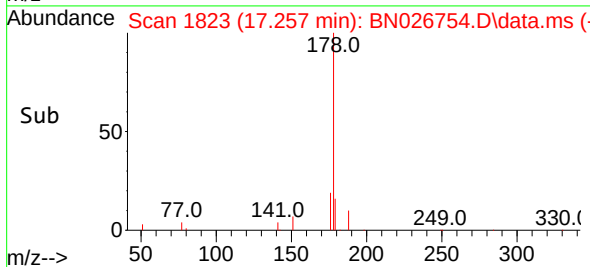
Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023

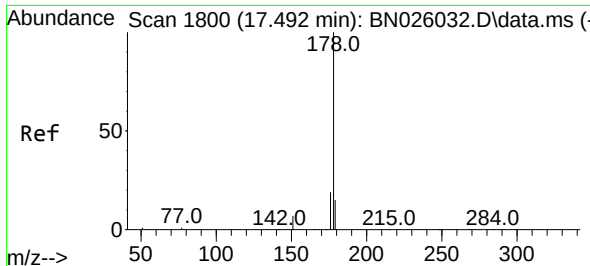


#25
 Phenanthrene
 Concen: 0.220 ng
 RT: 17.257 min Scan# 1823
 Delta R.T. 0.000 min
 Lab File: BN026754.D
 Acq: 25 Jul 2023 19:58



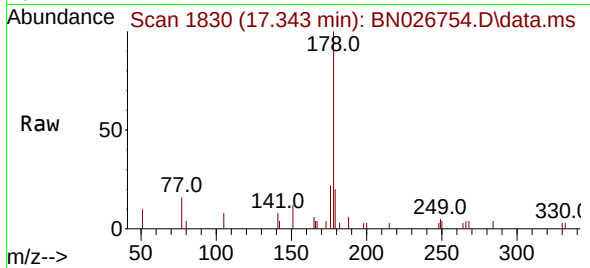
Tgt Ion:178 Resp: 3858
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.6 23.4
 179 15.3 12.3 18.5





#26
 Anthracene
 Concen: 0.216 ng
 RT: 17.343 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN026754.D
 Acq: 25 Jul 2023 19:58

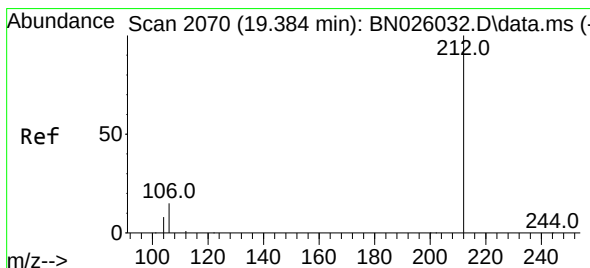
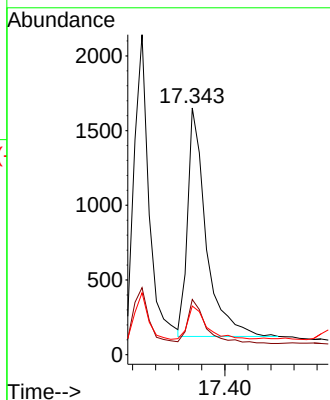
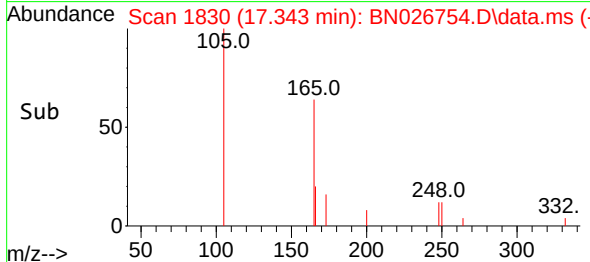
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-04-400-415-072023MSD



Tgt Ion:178 Resp: 3409
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.0 22.4
 179 14.7 12.4 18.6

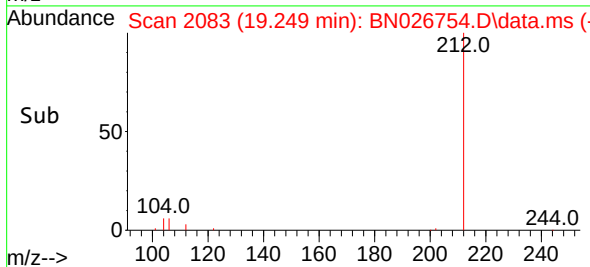
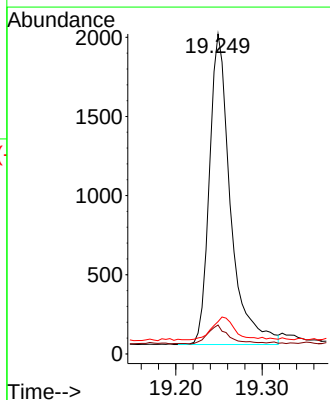
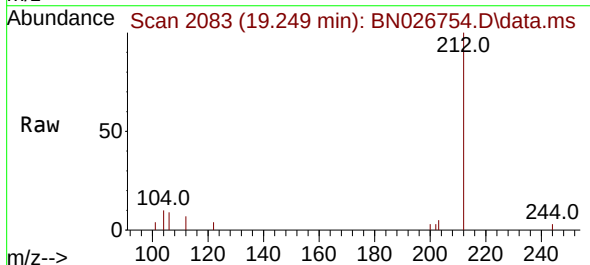
Manual Integrations
 APPROVED

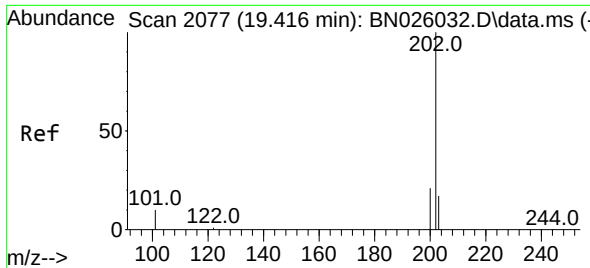
Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023



#27
 Fluoranthene-d10
 Concen: 0.264 ng
 RT: 19.249 min Scan# 2083
 Delta R.T. 0.000 min
 Lab File: BN026754.D
 Acq: 25 Jul 2023 19:58

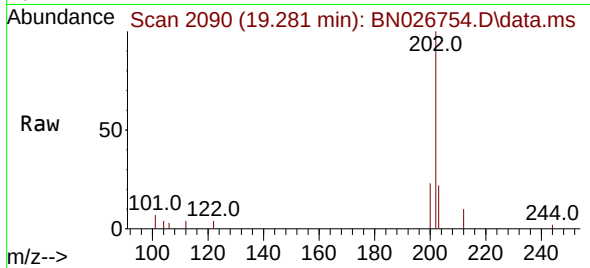
Tgt Ion:212 Resp: 3336
 Ion Ratio Lower Upper
 212 100
 106 6.2 11.6 17.4#
 104 8.1 7.2 10.8





#28
Fluoranthene
Concen: 0.249 ng
RT: 19.281 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

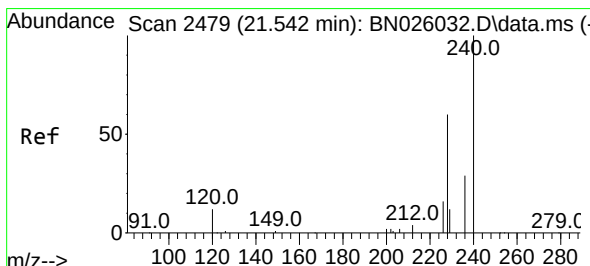
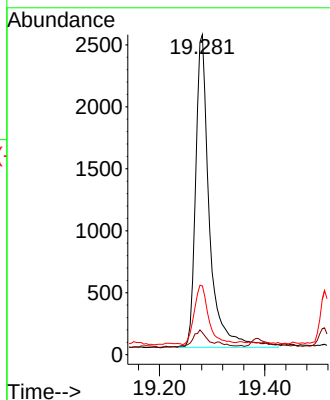
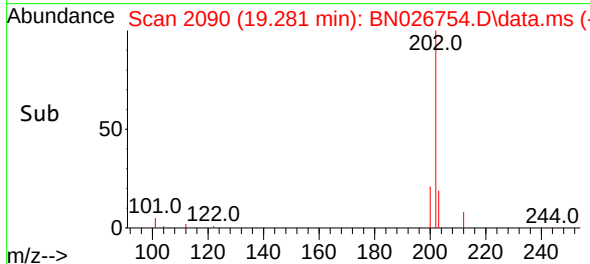
Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MSD



Tgt Ion:202 Resp: 4569
Ion Ratio Lower Upper
202 100
101 5.6 8.3 12.5
203 20.0 13.5 20.3

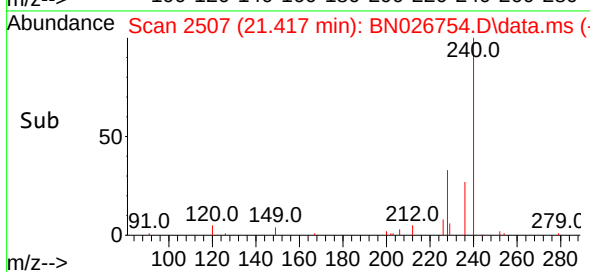
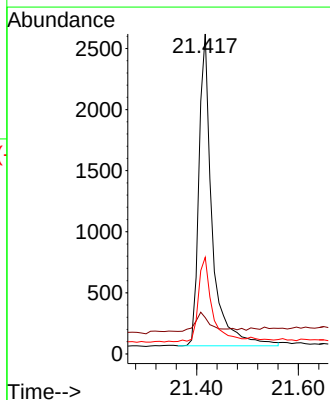
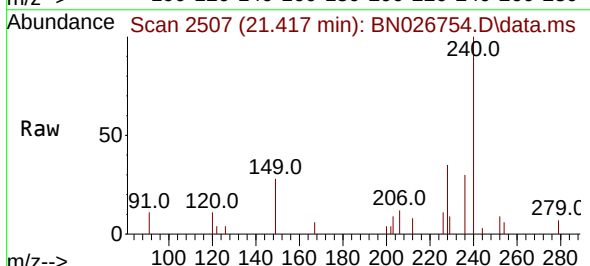
Manual Integrations
APPROVED

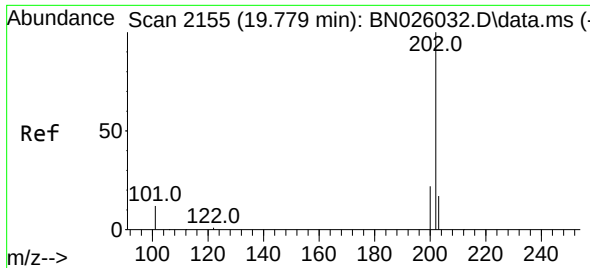
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.417 min Scan# 2507
Delta R.T. 0.009 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

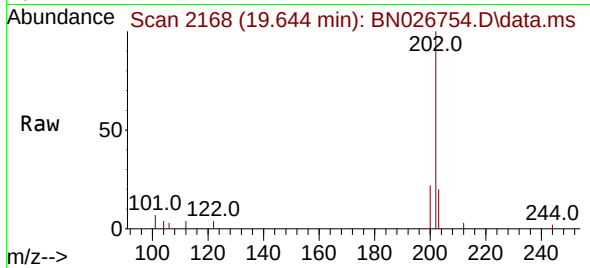
Tgt Ion:240 Resp: 4589
Ion Ratio Lower Upper
240 100
120 11.3 14.6 22.0
236 30.2 24.2 36.2





#30
Pyrene
Concen: 0.182 ng
RT: 19.644 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

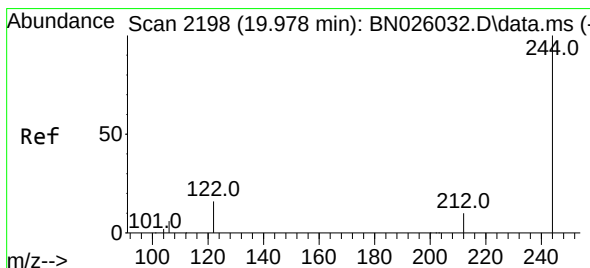
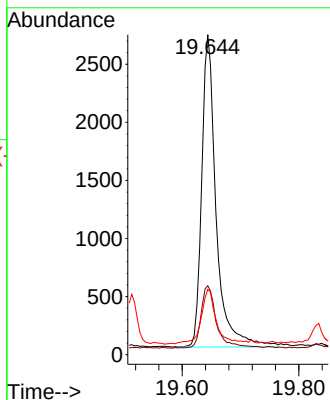
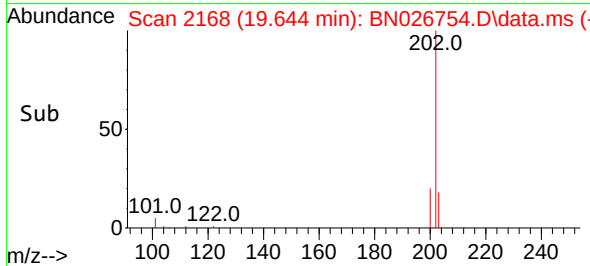
Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MSD



Tgt Ion:202 Resp: 4630
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 18.4 14.2 21.4

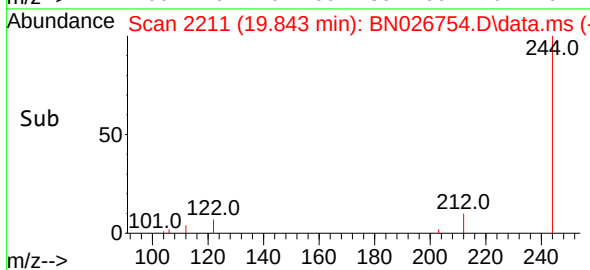
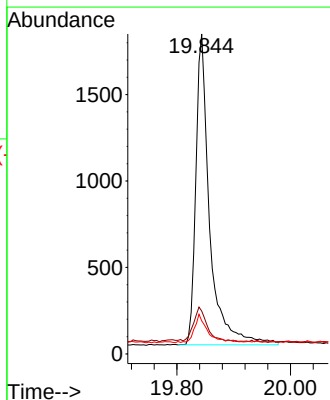
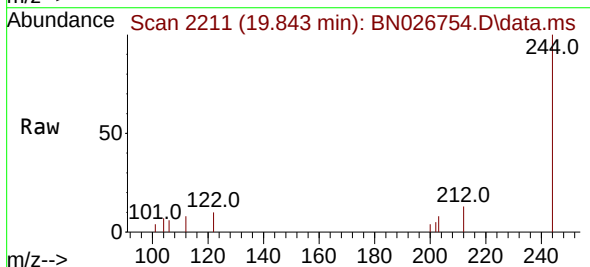
Manual Integrations
APPROVED

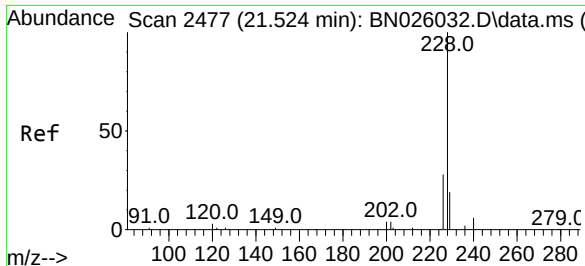
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#31
Terphenyl-d14
Concen: 0.259 ng
RT: 19.843 min Scan# 2211
Delta R.T. -0.005 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

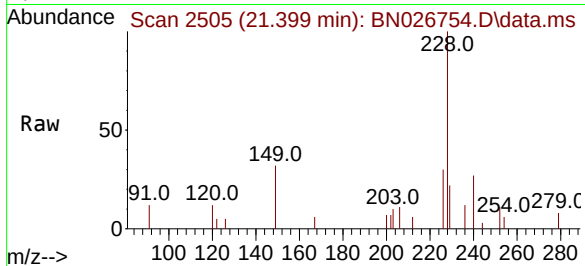
Tgt Ion:244 Resp: 3039
Ion Ratio Lower Upper
244 100
212 13.4 8.7 13.1#
122 10.3 13.7 20.5#





#32
Benzo(a)anthracene
Concen: 0.227 ng
RT: 21.399 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

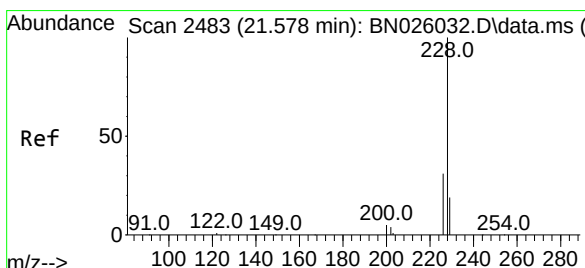
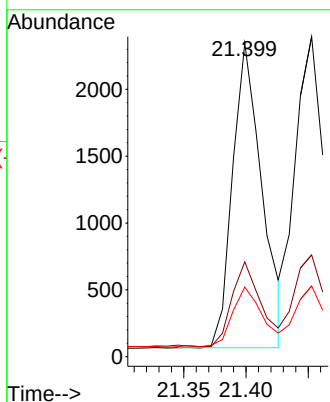
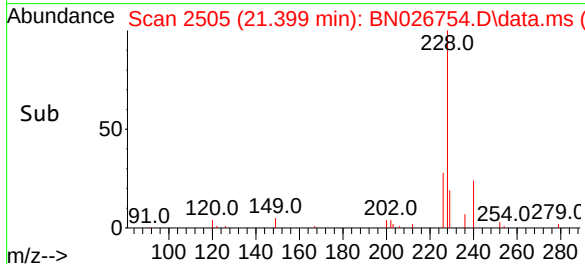
Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MSD



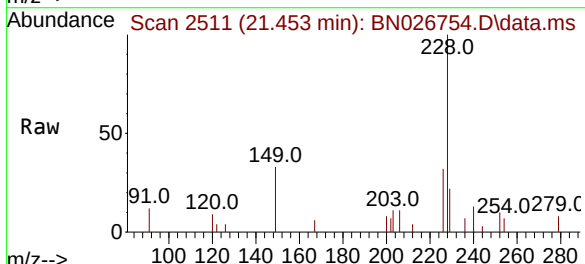
Tgt Ion:228 Resp: 374
Ion Ratio Lower Upper
228 100
226 30.3 23.0 34.6
229 22.2 15.9 23.9

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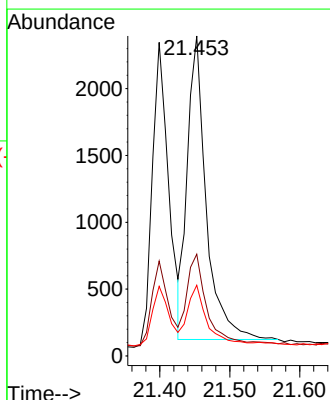
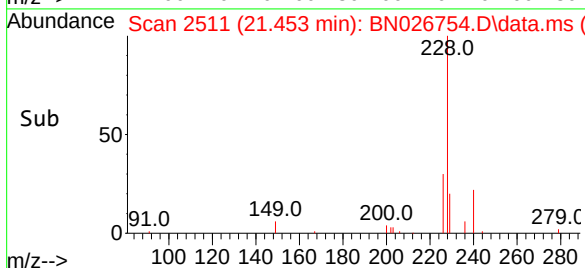
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

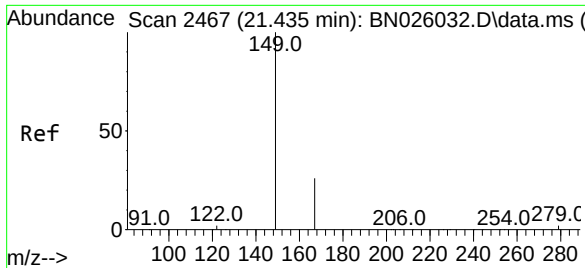


#33
Chrysene
Concen: 0.231 ng
RT: 21.453 min Scan# 2511
Delta R.T. 0.009 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58



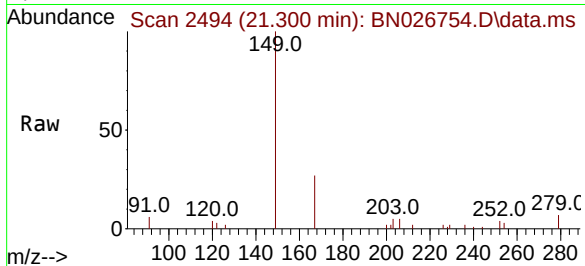
Tgt Ion:228 Resp: 4257
Ion Ratio Lower Upper
228 100
226 31.8 24.8 37.2
229 22.1 15.6 23.4





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.311 ng
RT: 21.300 min Scan# 2467
Delta R.T. 0.000 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

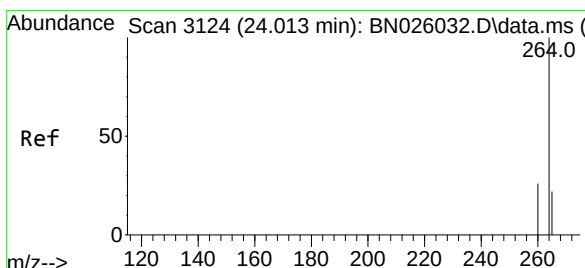
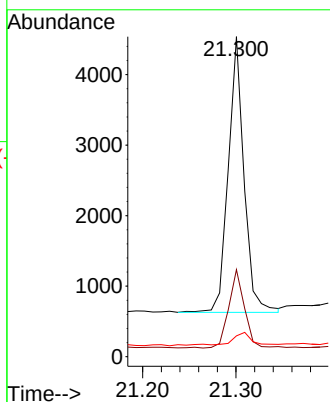
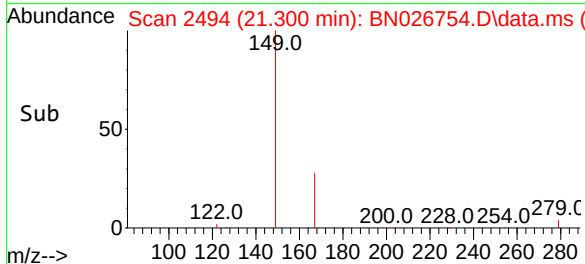
Instrument :
BNA_N
ClientSampleId :
GWBK-04-400-415-072023MSD



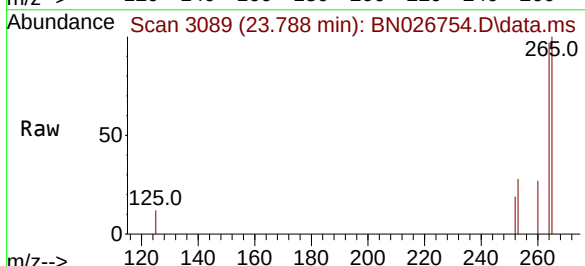
Tgt Ion:149 Resp: 4589
Ion Ratio Lower Upper
149 100
167 28.4 20.2 30.4
279 5.1 2.4 3.6

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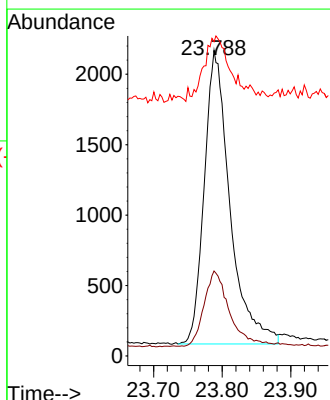
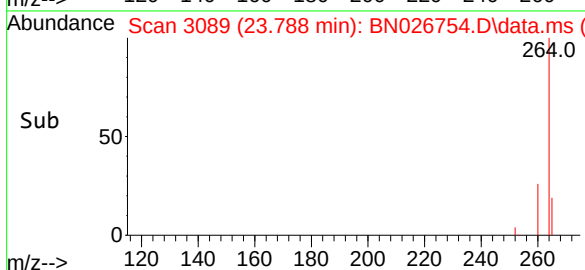
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

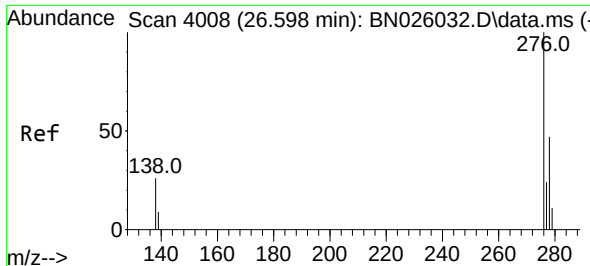


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.788 min Scan# 3089
Delta R.T. 0.006 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58



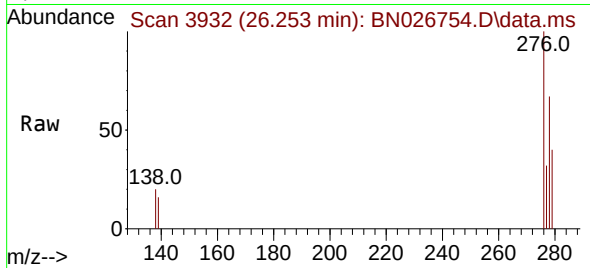
Tgt Ion:264 Resp: 5431
Ion Ratio Lower Upper
264 100
260 27.8 21.9 32.9
265 102.8 80.3 120.5





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.212 ng
RT: 26.253 min Scan# 3932
Delta R.T. 0.012 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

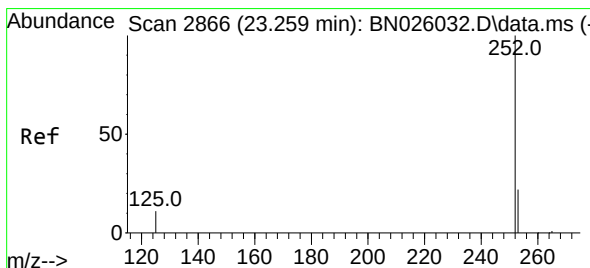
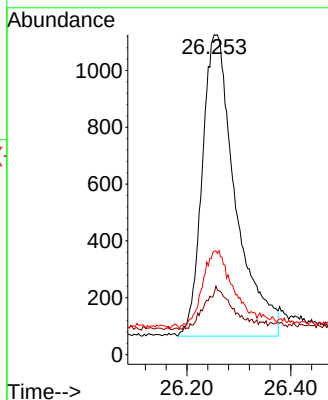
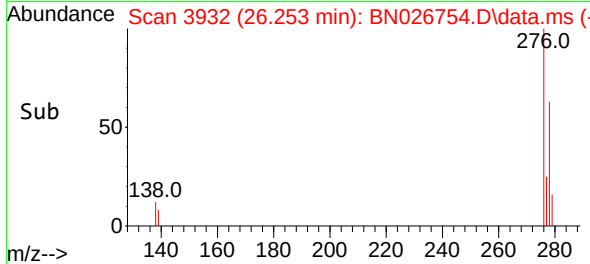
Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MSD



Tgt Ion:276 Resp: 4724
Ion Ratio Lower Upper
276 100
138 10.9 21.4 32.2#
277 23.6 19.6 29.4#

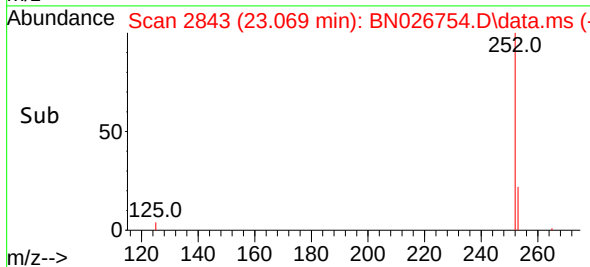
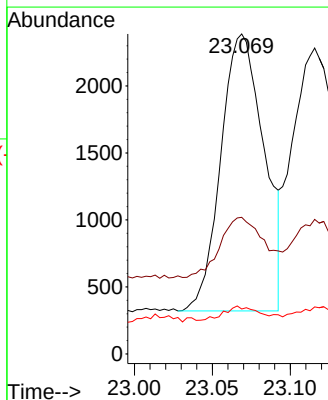
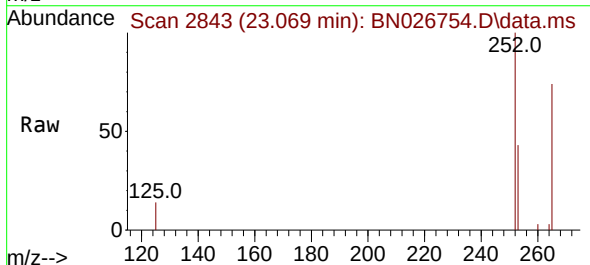
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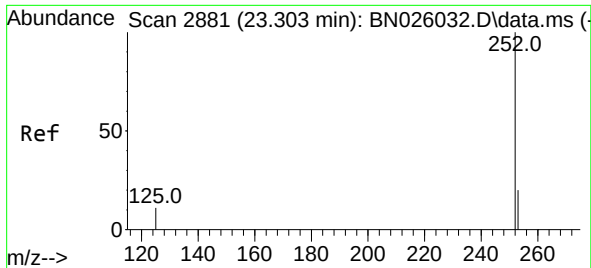
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#37
Benzo(b)fluoranthene
Concen: 0.202 ng
RT: 23.069 min Scan# 2843
Delta R.T. 0.009 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

Tgt Ion:252 Resp: 3988
Ion Ratio Lower Upper
252 100
253 42.7 24.1 36.1#
125 14.0 15.4 23.0#





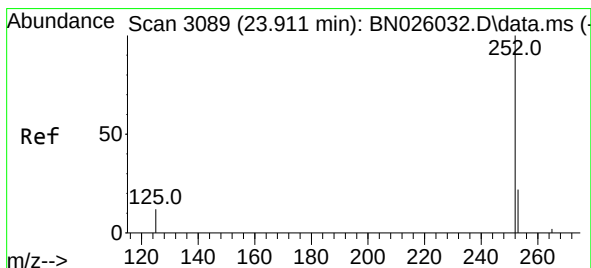
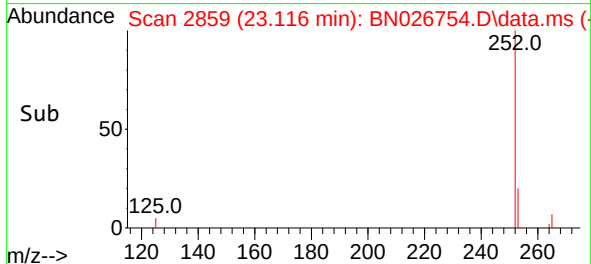
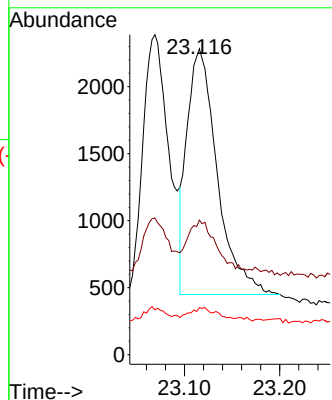
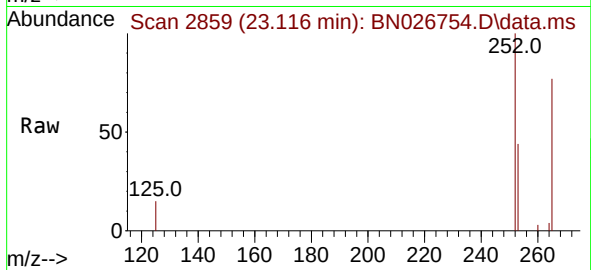
#38
Benzo(k)fluoranthene
Concen: 0.190 ng
RT: 23.116 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MSD

Tgt Ion:252 Resp: 405
Ion Ratio Lower Upper
252 100
253 44.0 23.6 35.4
125 15.4 15.8 23.8

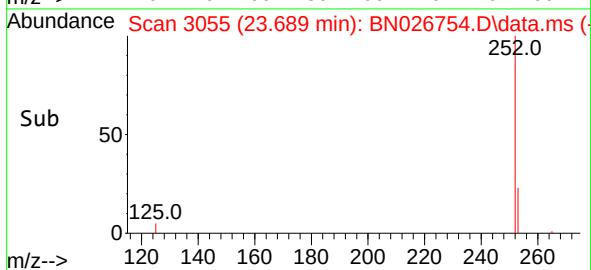
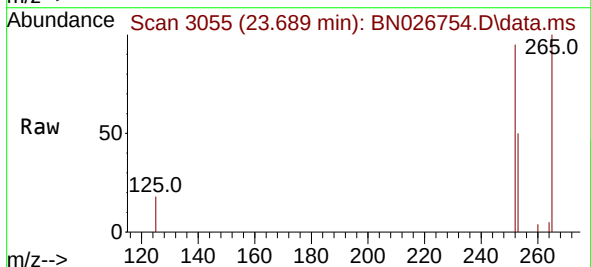
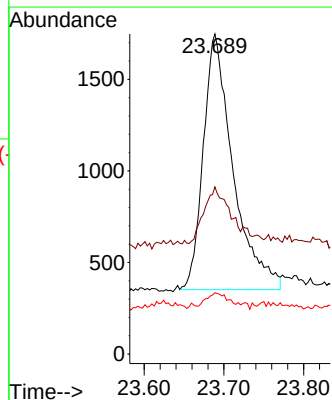
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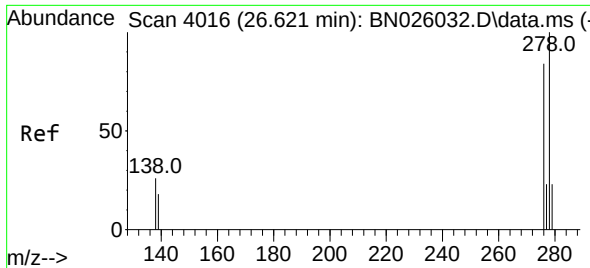
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#39
Benzo(a)pyrene
Concen: 0.187 ng
RT: 23.689 min Scan# 3055
Delta R.T. 0.009 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

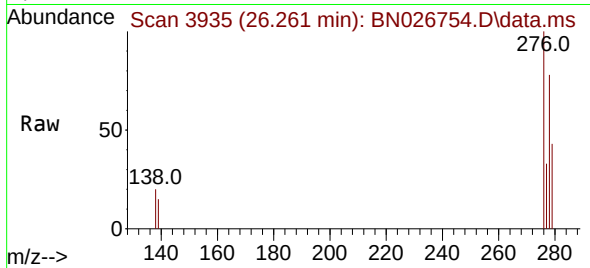
Tgt Ion:252 Resp: 3625
Ion Ratio Lower Upper
252 100
253 52.2 26.2 39.4
125 19.2 18.7 28.1





#40
Dibenzo(a,h)anthracene
Concen: 0.207 ng
RT: 26.261 min Scan# 3935
Delta R.T. 0.009 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

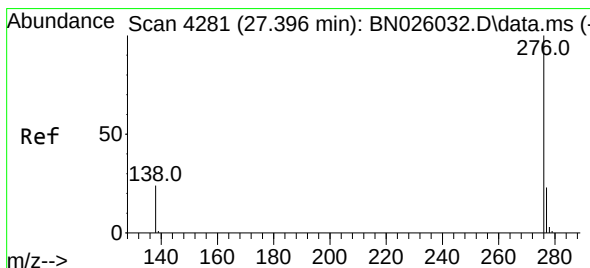
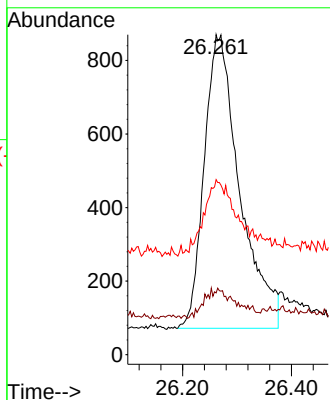
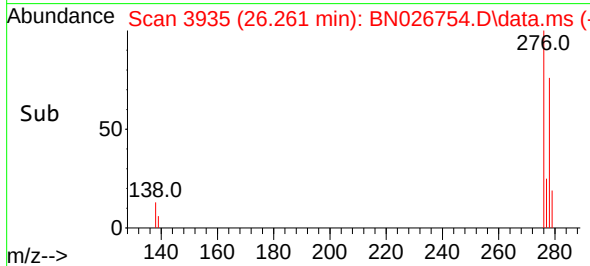
Instrument :
BNA_N
ClientSampleId :
GWBK-04-400-415-072023MSD



Tgt Ion:278 Resp: 3620
Ion Ratio Lower Upper
278 100
139 19.3 18.1 27.1
279 54.7 25.4 38.0

Manual Integrations
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Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#41
Benzo(g,h,i)perylene
Concen: 0.203 ng
RT: 27.010 min Scan# 4191
Delta R.T. 0.018 min
Lab File: BN026754.D
Acq: 25 Jul 2023 19:58

Tgt Ion:276 Resp: 4130
Ion Ratio Lower Upper
276 100
277 32.8 20.3 30.5#
138 18.9 21.5 32.3#

