

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053023\
 Data File : BN025721.D
 Acq On : 30 May 2023 17:46
 Operator : CG/JU
 Sample : 02911-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW10-MW10D-20230522MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/31/2023
 Supervised By : Jagrut Upadhyay 05/31/2023

Quant Time: May 31 05:28:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	6106	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	17686	0.400	ng	0.00
13) Acenaphthene-d10	14.641	164	9934	0.400	ng	-0.01
19) Phenanthrene-d10	17.393	188	20808	0.400	ng	# 0.00
29) Chrysene-d12	21.569	240	13676	0.400	ng	0.00
35) Perylene-d12	24.057	264	11891	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1534	0.098	ng	0.00
5) Phenol-d6	7.174	99	1194	0.064	ng	0.00
8) Nitrobenzene-d5	9.180	82	3548	0.240	ng	-0.01
11) 2-Methylnaphthalene-d10	12.415	152	6713	0.266	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	749	0.373	ng	-0.01
15) 2-Fluorobiphenyl	13.272	172	10261	0.250	ng	-0.01
27) Fluoranthene-d10	19.416	212	13805	0.293	ng	0.00
31) Terphenyl-d14	20.006	244	11098	0.371	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.390	88	3522	0.498	ng	# 93
3) n-Nitrosodimethylamine	3.787	42	495m	0.065	ng	
6) bis(2-Chloroethyl)ether	7.434	93	4179	0.216	ng	# 87
9) Naphthalene	10.878	128	11752	0.243	ng	100
10) Hexachlorobutadiene	11.166	225	1822	0.217	ng	# 99
12) 2-Methylnaphthalene	12.487	142	7609	0.229	ng	98
16) Acenaphthylene	14.373	152	10995	0.234	ng	99
17) Acenaphthene	14.705	154	7692	0.249	ng	100
18) Fluorene	15.693	166	10434	0.255	ng	100
20) 4,6-Dinitro-2-methylph...	15.780	198	815	0.400	ng	# 69
21) 4-Bromophenyl-phenylether	16.574	248	2794	0.237	ng	94
22) Hexachlorobenzene	16.698	284	2522	0.234	ng	96
23) Atrazine	16.847	200	1696	0.180	ng	93
24) Pentachlorophenol	17.046	266	1508	1.168	ng	# 88
25) Phenanthrene	17.430	178	18307	0.289	ng	100
26) Anthracene	17.517	178	15206	0.265	ng	99
28) Fluoranthene	19.444	202	20209	0.293	ng	99
30) Pyrene	19.806	202	20796	0.312	ng	99
32) Benzo(a)anthracene	21.551	228	15314	0.301	ng	99
33) Chrysene	21.614	228	15603	0.282	ng	99
34) Bis(2-ethylhexyl)phtha...	21.471	149	11046	0.356	ng	99
36) Indeno(1,2,3-cd)pyrene	26.662	276	11211	0.246	ng	# 58
37) Benzo(b)fluoranthene	23.297	252	13878	0.307	ng	96
38) Benzo(k)fluoranthene	23.347	252	13090	0.278	ng	97
39) Benzo(a)pyrene	23.949	252	10770	0.249	ng	# 89
40) Dibenzo(a,h)anthracene	26.691	278	8960	0.248	ng	# 91
41) Benzo(g,h,i)perylene	27.454	276	9085	0.220	ng	98

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

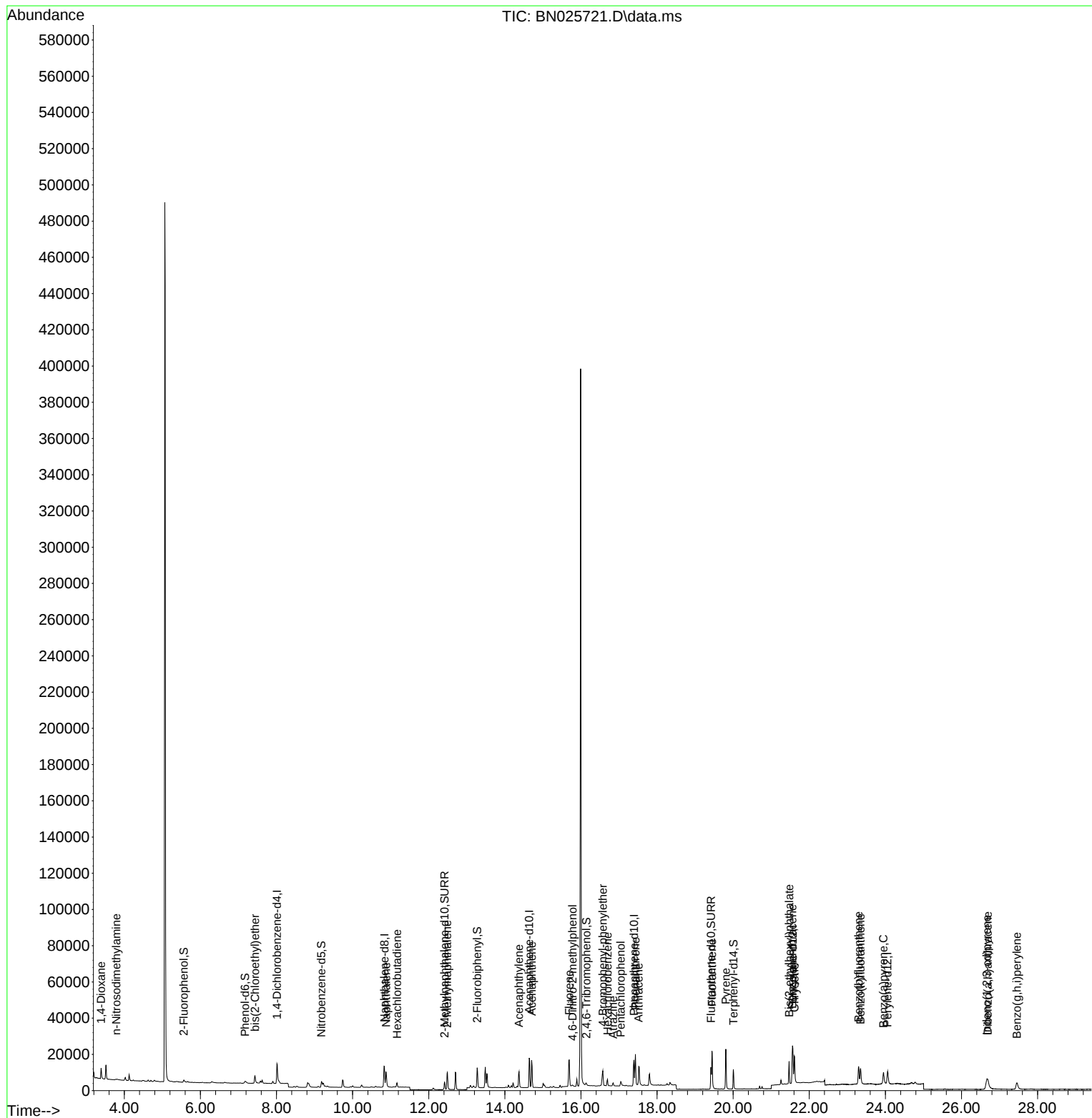
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053023\
Data File : BN025721.D
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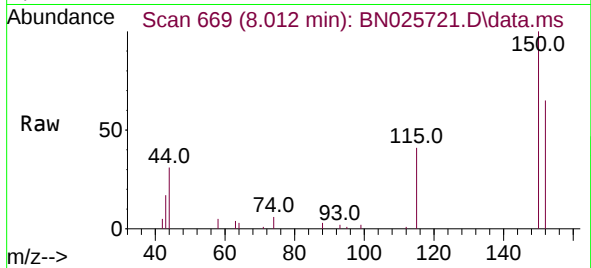
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.012 min Scan# 610
Delta R.T. -0.007 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

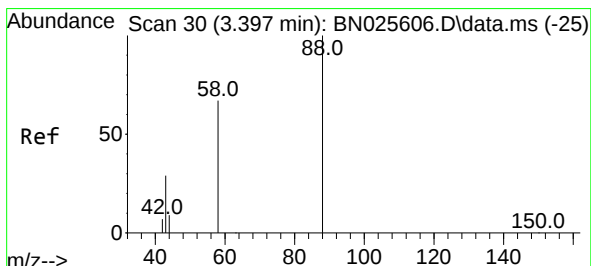
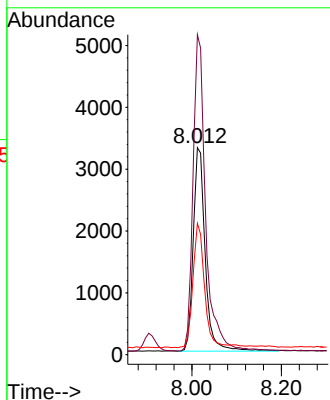
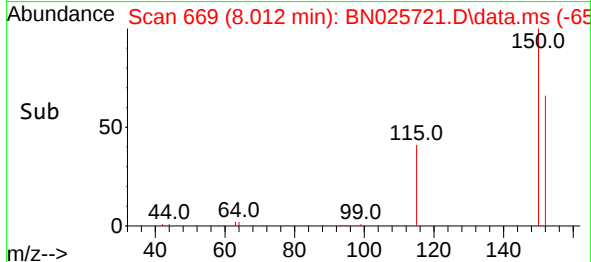
Instrument :
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ClientSampleId :
RW10-MW10D-20230522MS



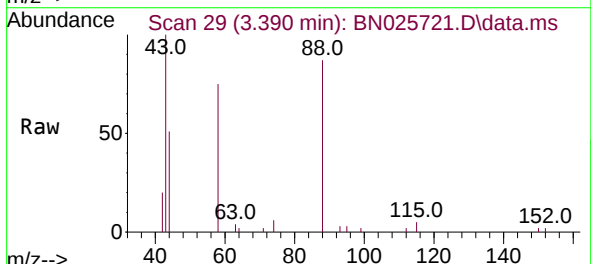
Tgt Ion:152 Resp: 6100
Ion Ratio Lower Upper
152 100
150 154.6 121.0 181.6
115 63.5 48.5 72.7

Manual Integrations
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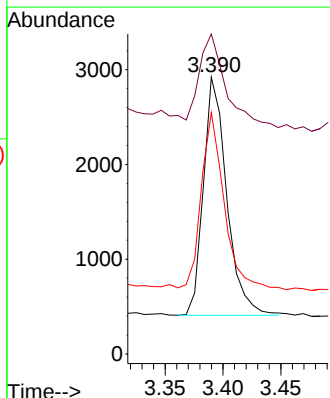
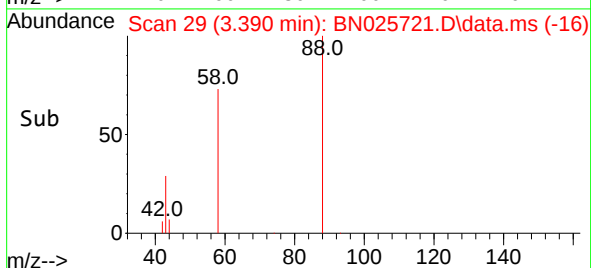
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023

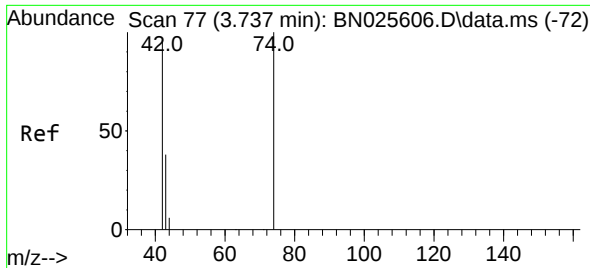


#2
1,4-Dioxane
Concen: 0.498 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46



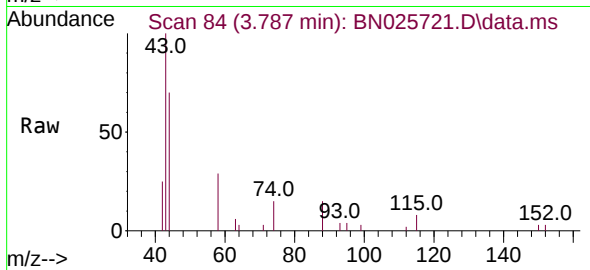
Tgt Ion: 88 Resp: 3522
Ion Ratio Lower Upper
88 100
43 45.1 26.5 39.7#
58 70.3 56.8 85.2





#3
n-Nitrosodimethylamine
Concen: 0.065 ng m
RT: 3.787 min Scan# 84
Delta R.T. 0.043 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

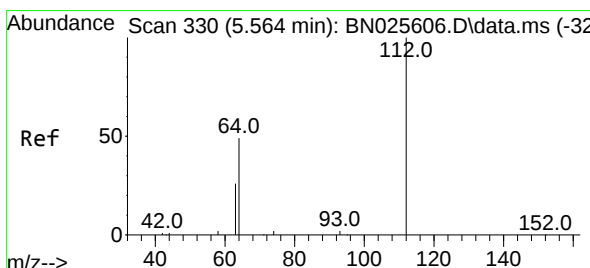
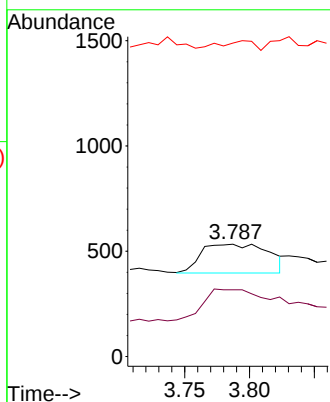
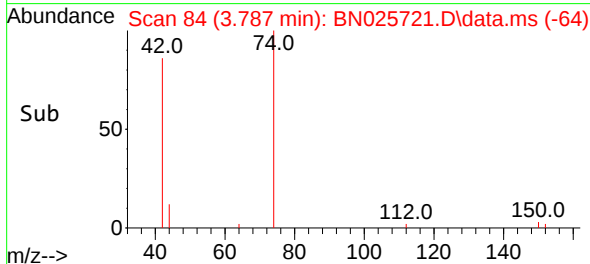
Instrument :
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Tgt Ion: 42 Resp: 49
Ion Ratio Lower Upper
42 100
74 0.0 82.2 123.2
44 17.2 0.0 0.0

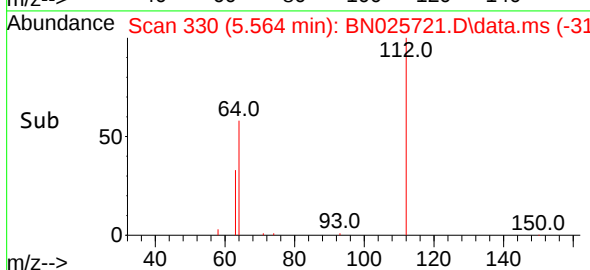
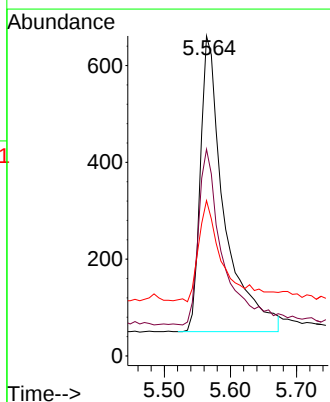
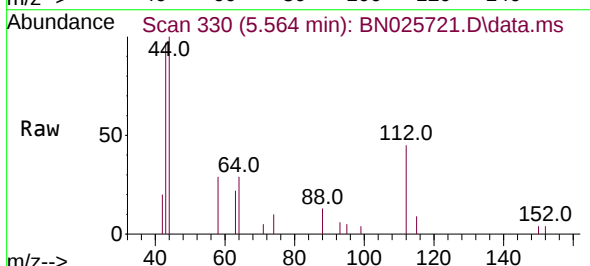
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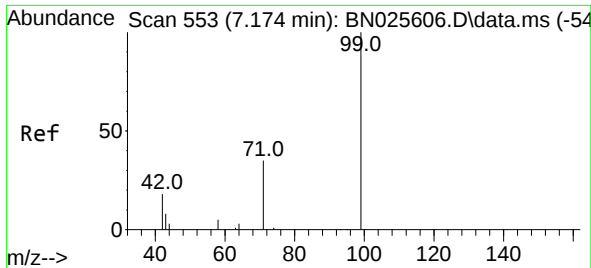
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#4
2-Fluorophenol
Concen: 0.098 ng
RT: 5.564 min Scan# 330
Delta R.T. 0.007 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

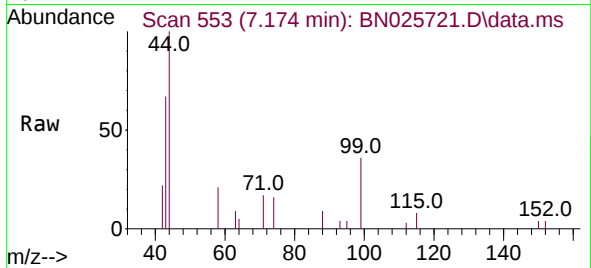
Tgt Ion:112 Resp: 1534
Ion Ratio Lower Upper
112 100
64 59.3 45.7 68.5
63 34.3 26.2 39.2





#5
Phenol-d6
Concen: 0.064 ng
RT: 7.174 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

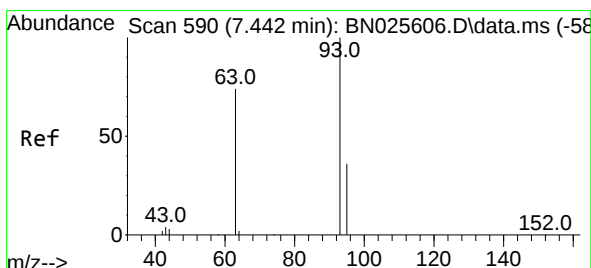
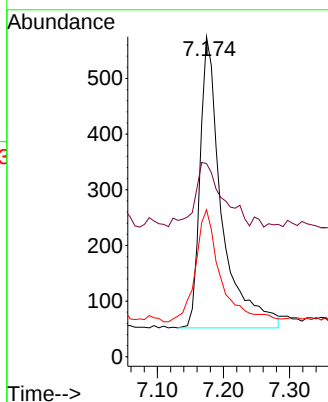
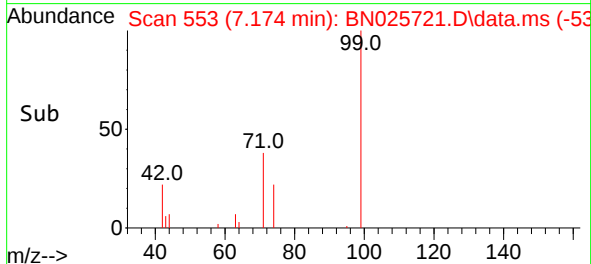
Instrument :
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ClientSampleId :
RW10-MW10D-20230522MS



Tgt Ion: 99 Resp: 1194
Ion Ratio Lower Upper
99 100
42 27.6 17.1 25.7
71 44.2 29.3 43.9

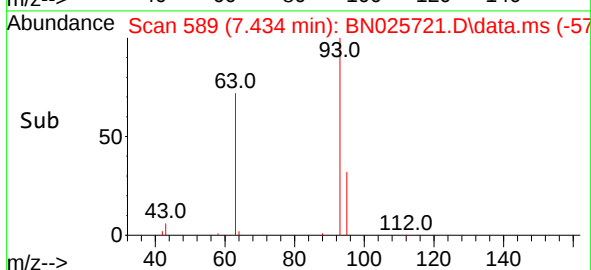
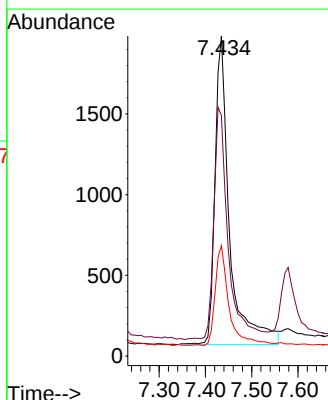
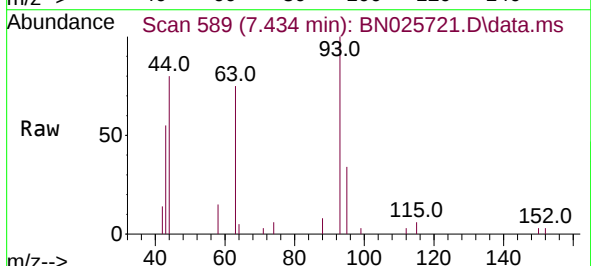
Manual Integrations
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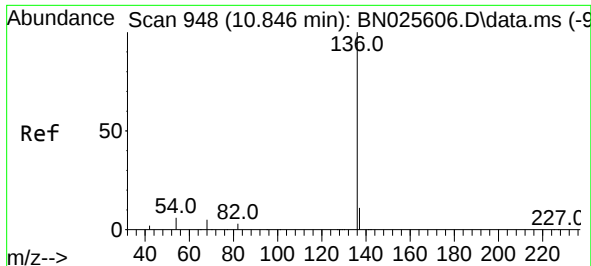
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.216 ng
RT: 7.434 min Scan# 589
Delta R.T. -0.000 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

Tgt Ion: 93 Resp: 4179
Ion Ratio Lower Upper
93 100
63 74.2 49.1 73.7
95 30.7 22.6 33.8





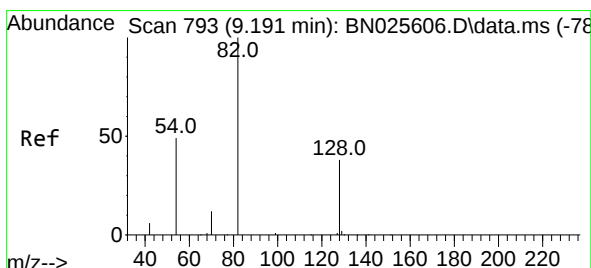
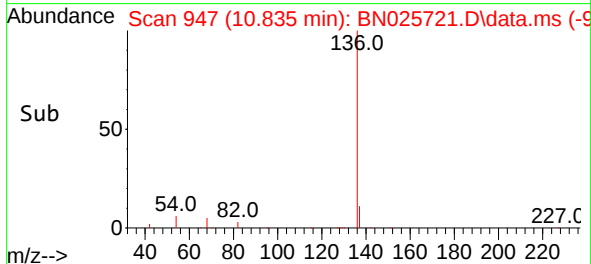
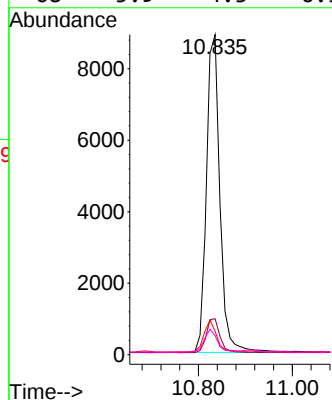
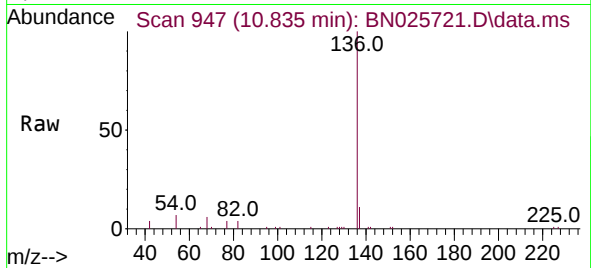
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

Instrument :
BNA_N
ClientSampleId :
RW10-MW10D-20230522MS

Tgt Ion:136	Resp:	17680
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.1 13.7
54	7.3	5.4 8.0
68	5.9	4.3 6.5

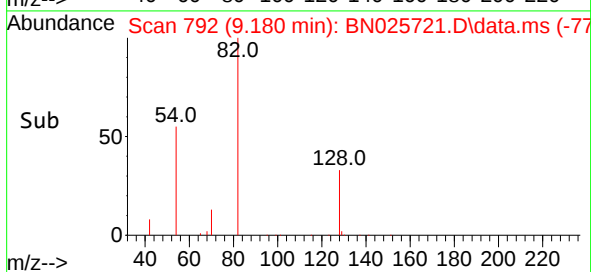
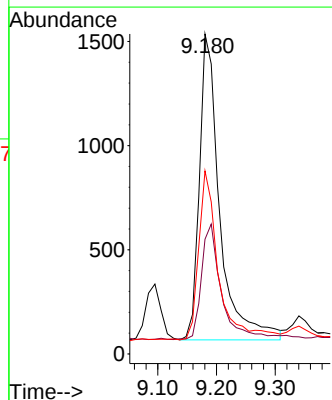
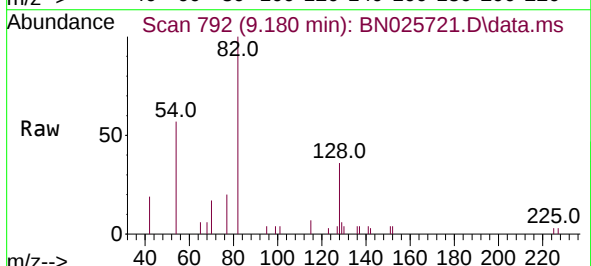
Manual Integrations
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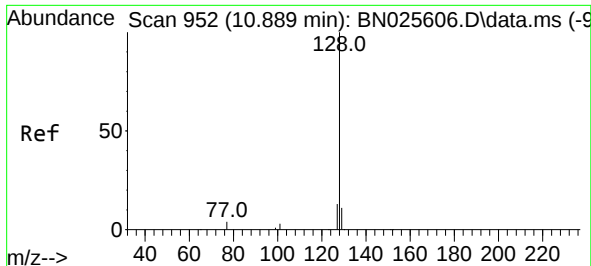
Reviewed By :Christian Giraldo 05/31/2023
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#8
Nitrobenzene-d5
Concen: 0.240 ng
RT: 9.180 min Scan# 792
Delta R.T. -0.011 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

Tgt Ion: 82	Resp:	3548
Ion Ratio	Lower	Upper
82	100	
128	35.9	32.5 48.7
54	57.2	40.6 60.8





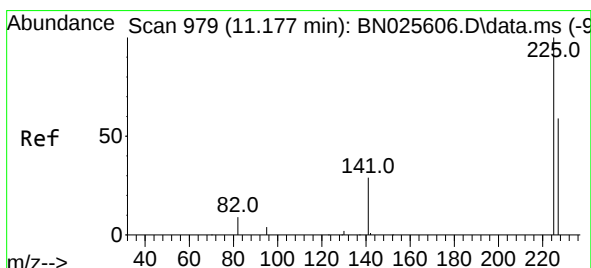
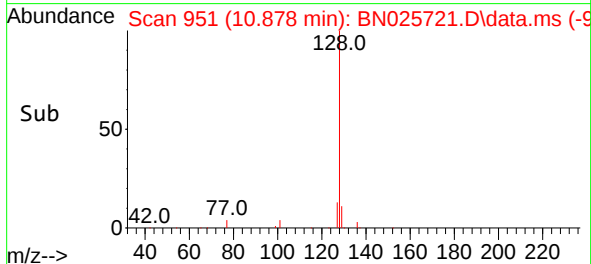
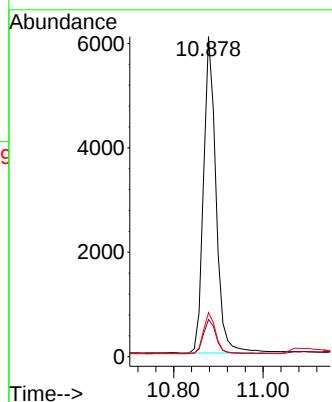
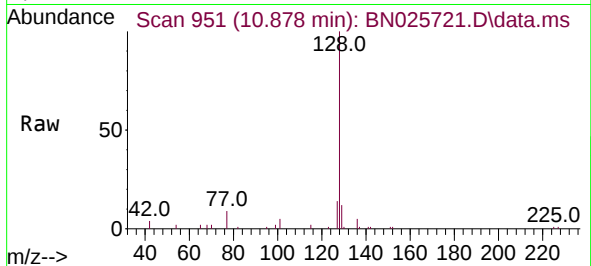
#9
Naphthalene
Concen: 0.243 ng
RT: 10.878 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

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RW10-MW10D-20230522MS

Tgt Ion:128 Resp: 11752
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.8 11.0 16.6

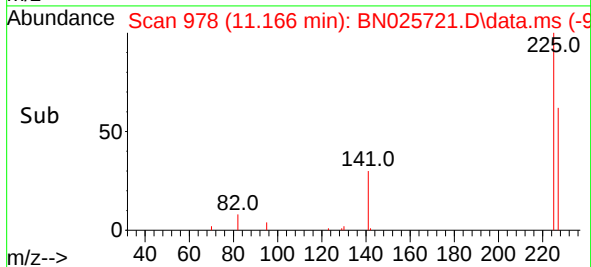
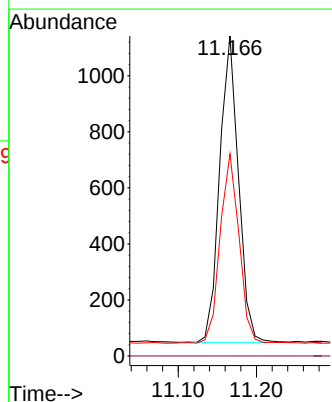
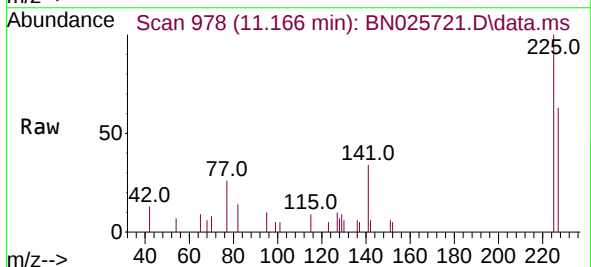
Manual Integrations
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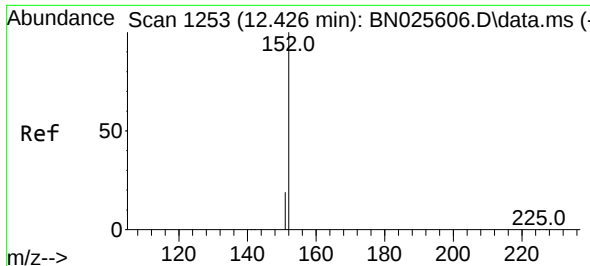
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#10
Hexachlorobutadiene
Concen: 0.217 ng
RT: 11.166 min Scan# 978
Delta R.T. -0.011 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

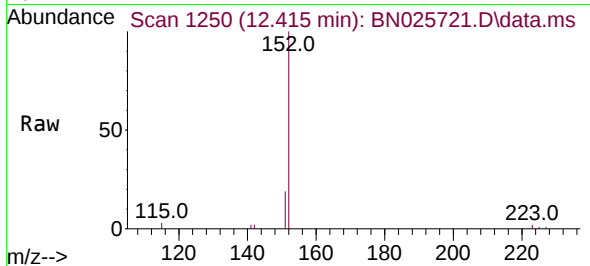
Tgt Ion:225 Resp: 1822
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 61.6 48.4 72.6





#11
2-Methylnaphthalene-d10
Concen: 0.266 ng
RT: 12.415 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

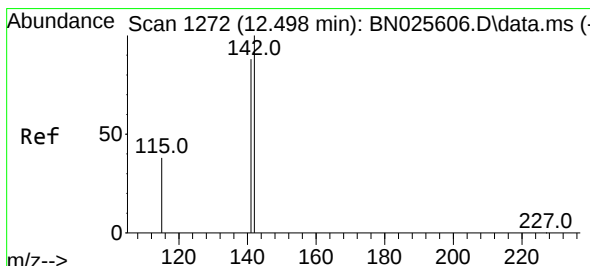
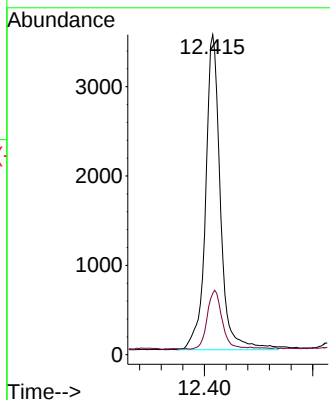
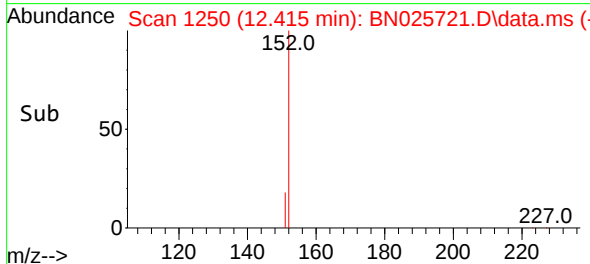
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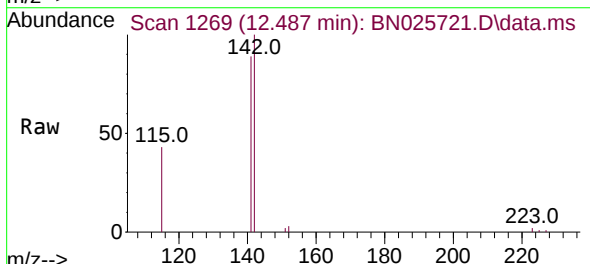
Tgt Ion:152 Resp: 671
Ion Ratio Lower Upper
152 100
151 18.7 16.1 24.1

Manual Integrations
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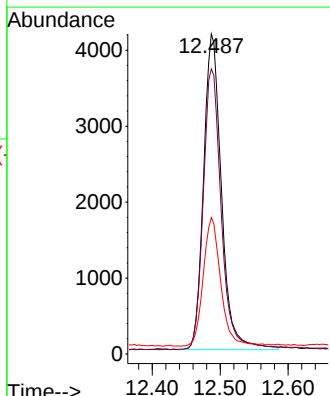
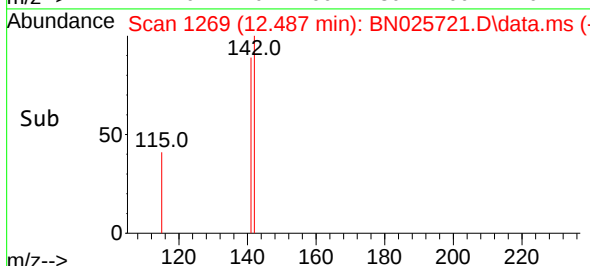
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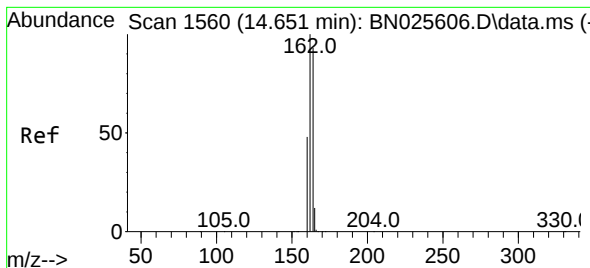


#12
2-Methylnaphthalene
Concen: 0.229 ng
RT: 12.487 min Scan# 1269
Delta R.T. -0.008 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46



Tgt Ion:142 Resp: 7609
Ion Ratio Lower Upper
142 100
141 89.1 70.7 106.1
115 42.6 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.641 min Scan# 1559

Delta R.T. -0.011 min

Lab File: BN025721.D

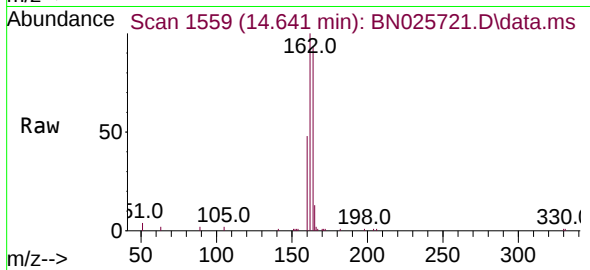
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BNA_N

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Tgt Ion:164 Resp: 9934

Ion Ratio Lower Upper

164 100

162 107.7 86.4 129.6

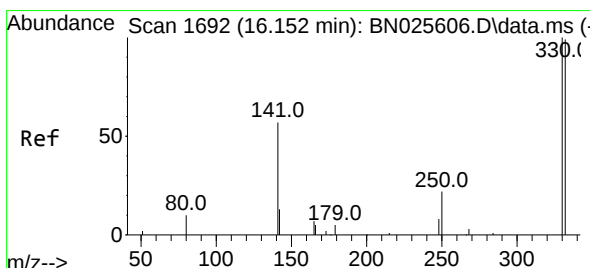
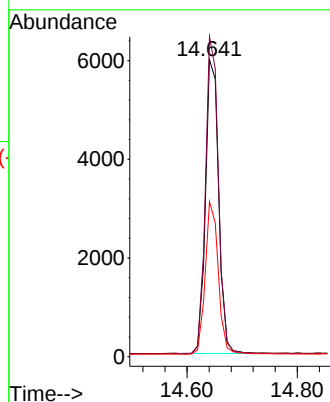
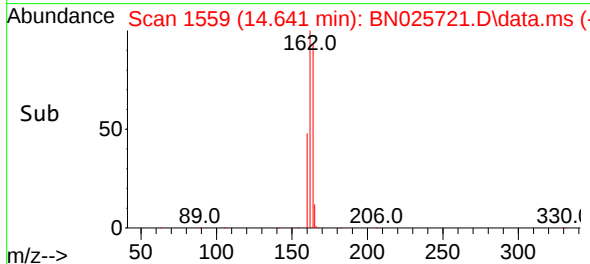
160 52.2 41.9 62.9

Manual Integrations

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Reviewed By :Christian Giraldo 05/31/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#14

2,4,6-Tribromophenol

Concen: 0.373 ng

RT: 16.140 min Scan# 1691

Delta R.T. -0.012 min

Lab File: BN025721.D

Acq: 30 May 2023 17:46

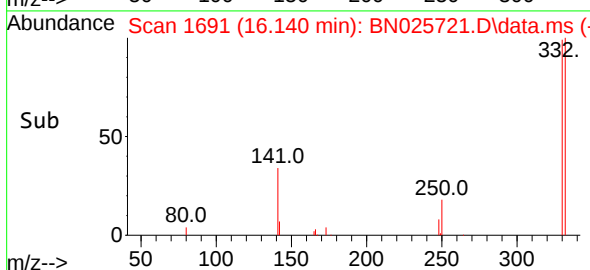
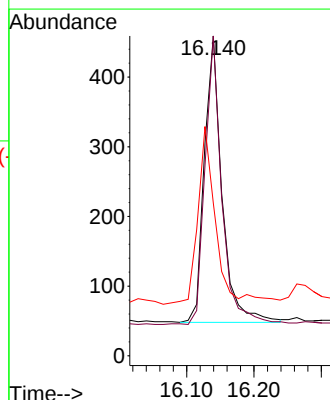
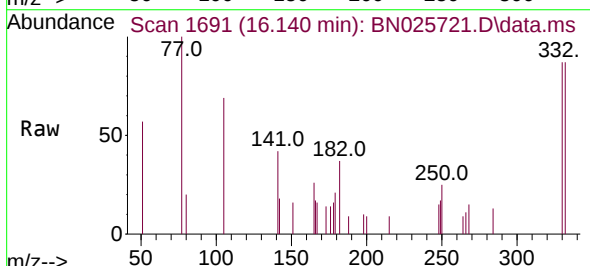
Tgt Ion:330 Resp: 749

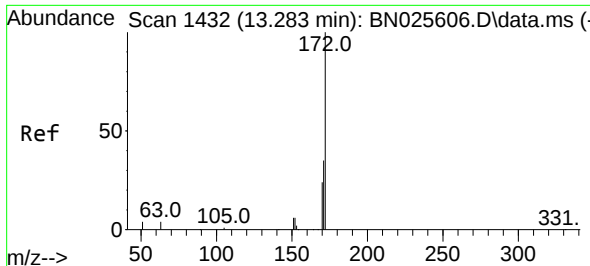
Ion Ratio Lower Upper

330 100

332 95.6 80.0 120.0

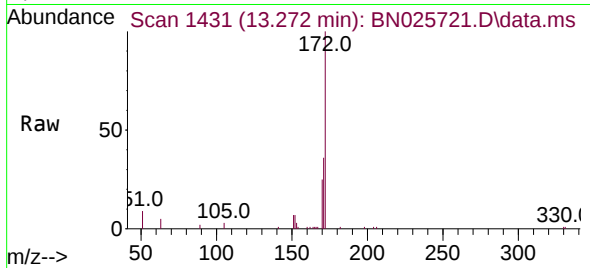
141 63.6 45.8 68.6





#15
2-Fluorobiphenyl
Concen: 0.250 ng
RT: 13.272 min Scan# 1432
Delta R.T. -0.011 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

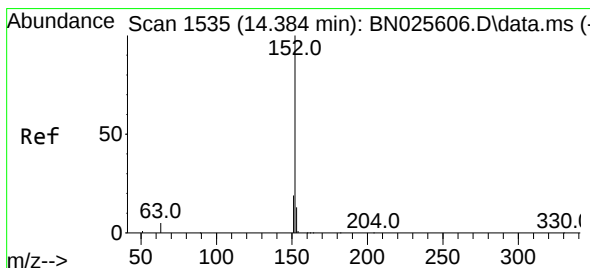
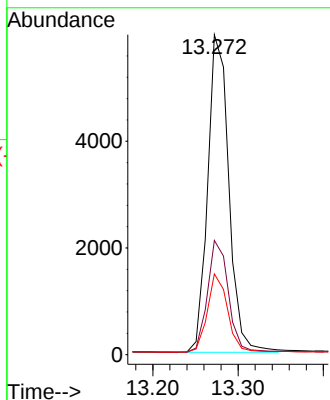
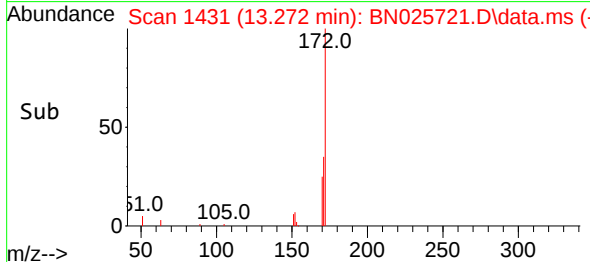
Instrument :
BNA_N
ClientSampleId :
RW10-MW10D-20230522MS



Tgt Ion:172 Resp: 1026
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 25.3 19.7 29.5

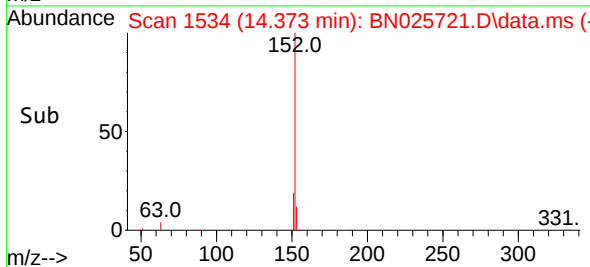
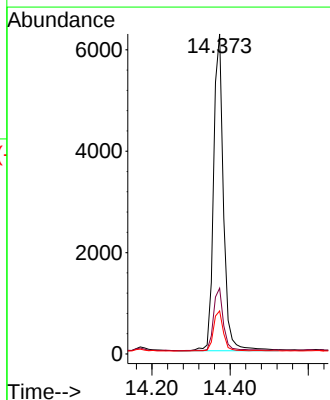
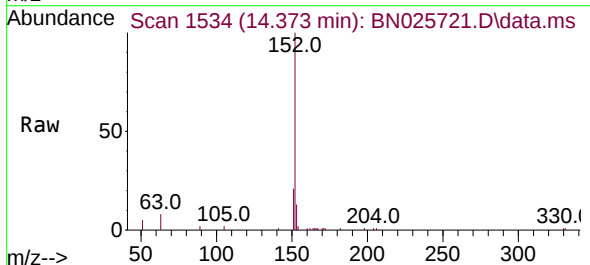
Manual Integrations
APPROVED

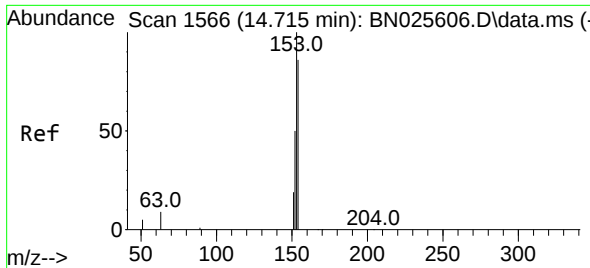
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#16
Acenaphthylene
Concen: 0.234 ng
RT: 14.373 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

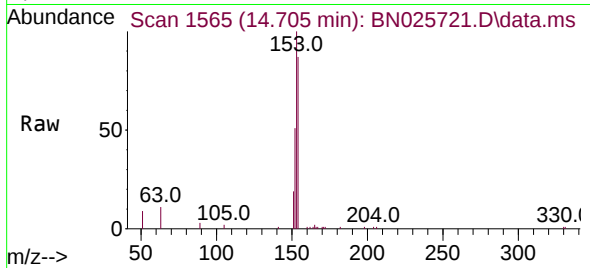
Tgt Ion:152 Resp: 10995
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 12.9 10.6 15.8





#17
Acenaphthene
Concen: 0.249 ng
RT: 14.705 min Scan# 1565
Delta R.T. -0.010 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

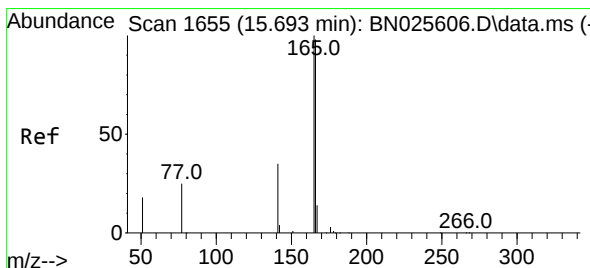
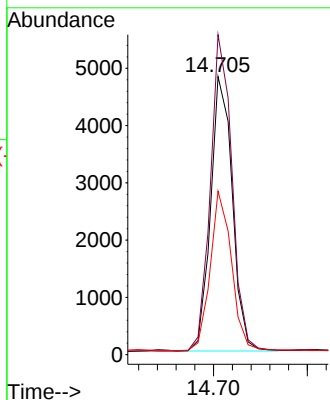
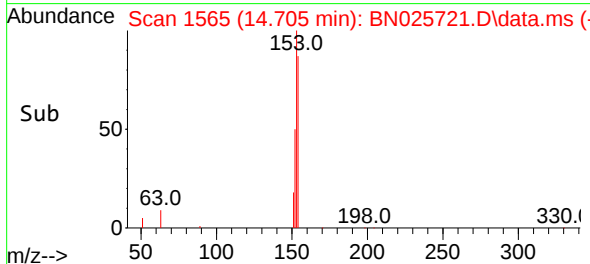
Instrument :
BNA_N
ClientSampleId :
RW10-MW10D-20230522MS



Tgt Ion:154 Resp: 7692
Ion Ratio Lower Upper
154 100
153 115.1 91.9 137.9
152 57.5 45.4 68.2

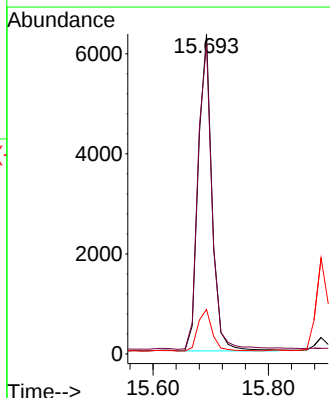
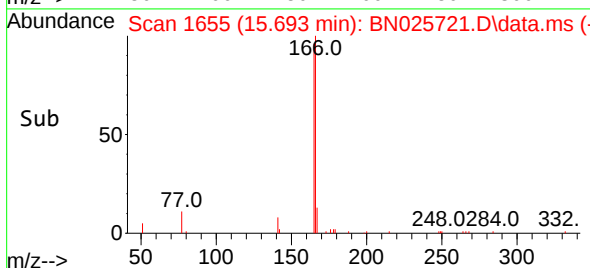
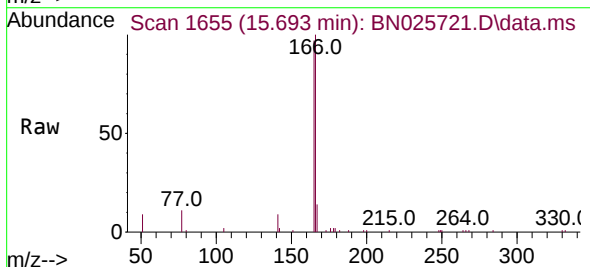
Manual Integrations
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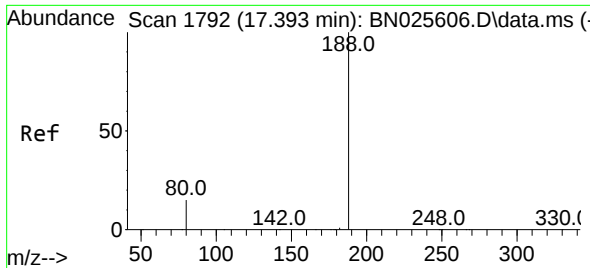
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#18
Fluorene
Concen: 0.255 ng
RT: 15.693 min Scan# 1655
Delta R.T. -0.000 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

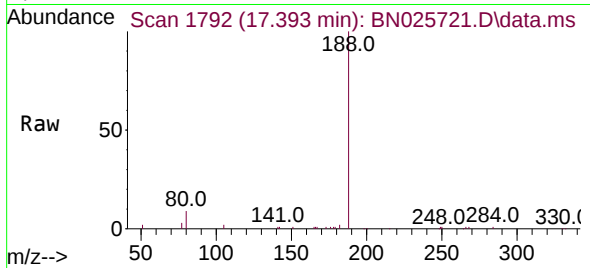
Tgt Ion:166 Resp: 10434
Ion Ratio Lower Upper
166 100
165 99.0 79.3 118.9
167 13.8 10.7 16.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

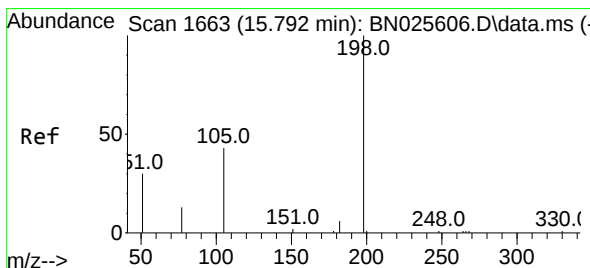
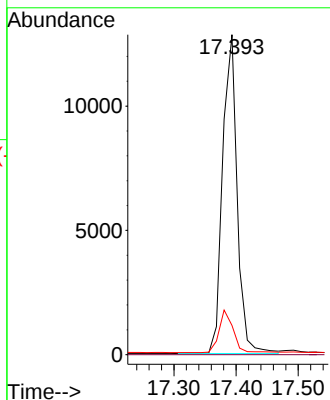
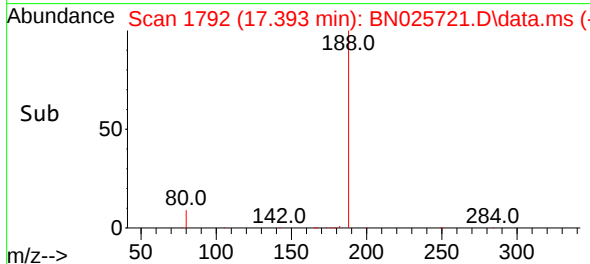
Instrument :
BNA_N
ClientSampleId :
RW10-MW10D-20230522MS



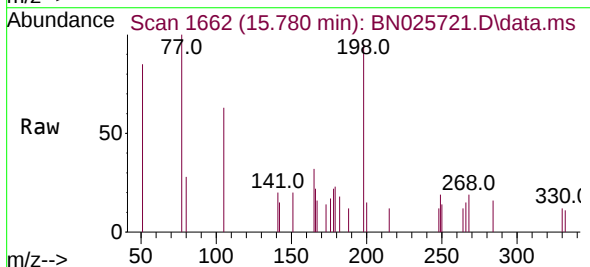
Tgt Ion:188 Resp: 20800
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 12.2 18.2

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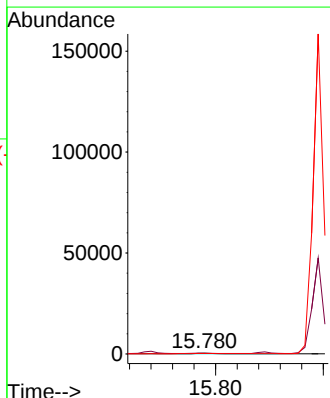
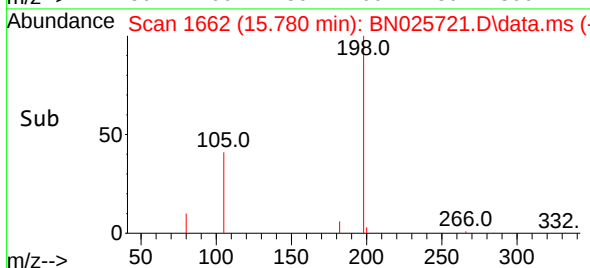
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023

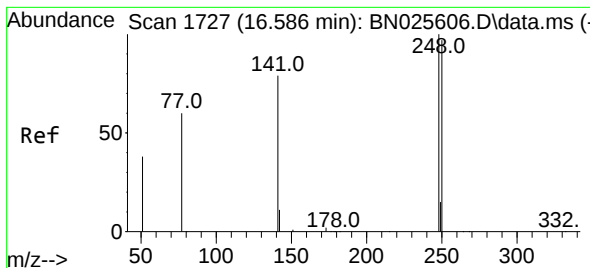


#20
4,6-Dinitro-2-methylphenol
Concen: 0.400 ng
RT: 15.780 min Scan# 1662
Delta R.T. -0.012 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46



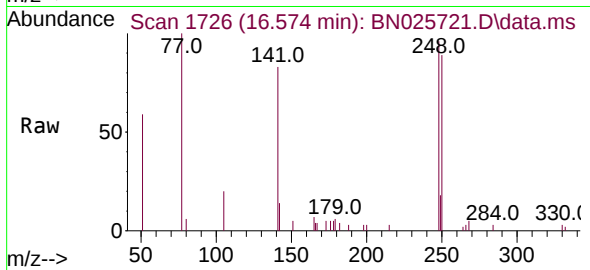
Tgt Ion:198 Resp: 815
Ion Ratio Lower Upper
198 100
51 89.5 110.8 166.2#
105 66.2 61.9 92.9





#21
4-Bromophenyl-phenylether
Concen: 0.237 ng
RT: 16.574 min Scan# 1726
Delta R.T. -0.013 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

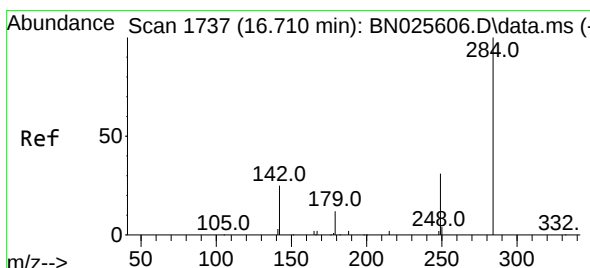
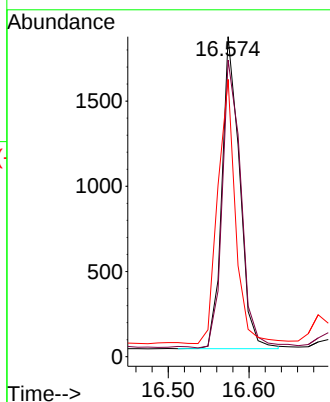
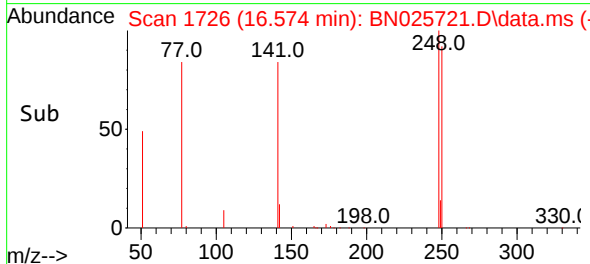
Instrument :
BNA_N
ClientSampleId :
RW10-MW10D-20230522MS



Tgt Ion:248 Resp: 2794
Ion Ratio Lower Upper
248 100
250 92.7 77.5 116.3
141 86.6 64.0 96.0

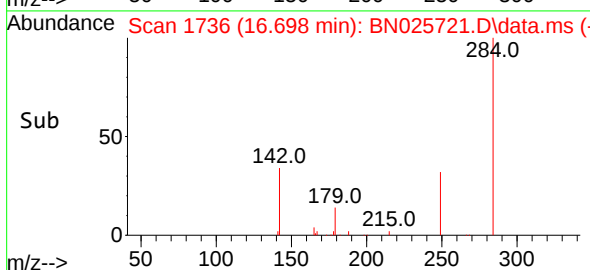
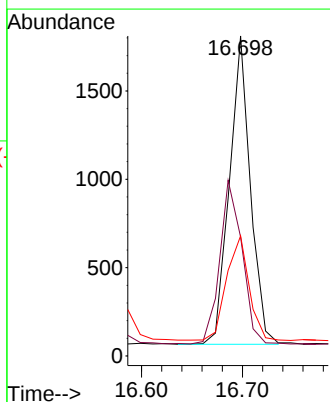
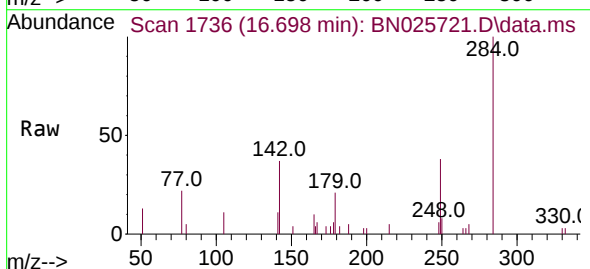
Manual Integrations
APPROVED

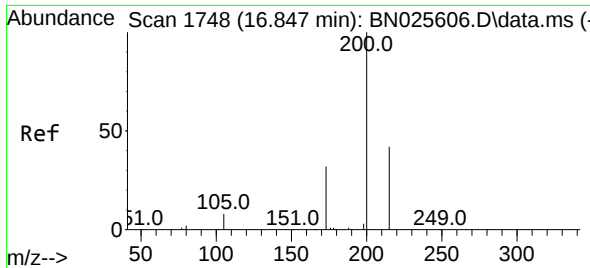
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#22
Hexachlorobenzene
Concen: 0.234 ng
RT: 16.698 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

Tgt Ion:284 Resp: 2522
Ion Ratio Lower Upper
284 100
142 56.2 42.0 63.0
249 36.4 28.6 43.0





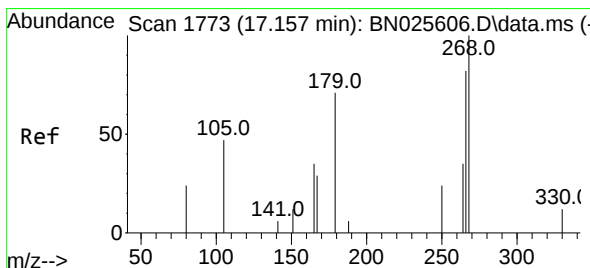
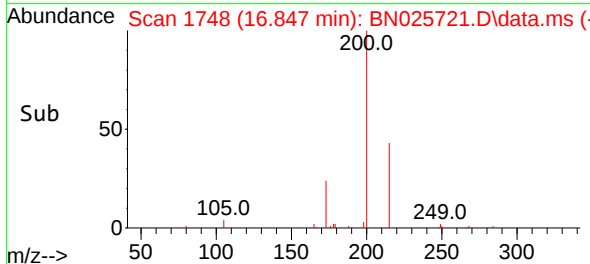
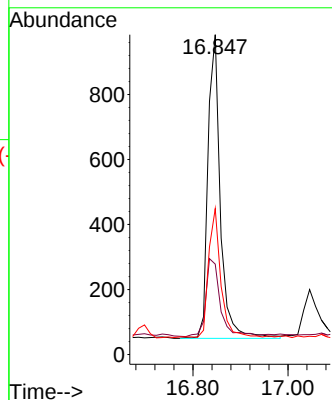
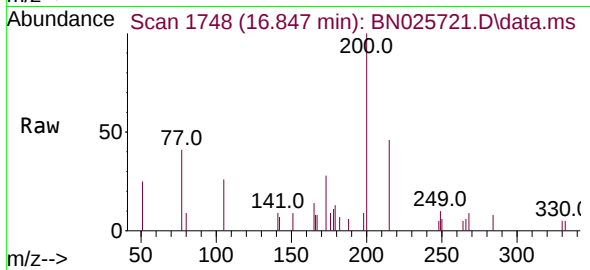
#23
Atrazine
Concen: 0.180 ng
RT: 16.847 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

Instrument :
BNA_N
ClientSampleId :
RW10-MW10D-20230522MS

Tgt Ion:200 Resp: 1690
Ion Ratio Lower Upper
200 100
173 28.3 27.9 41.9
215 45.6 35.1 52.7

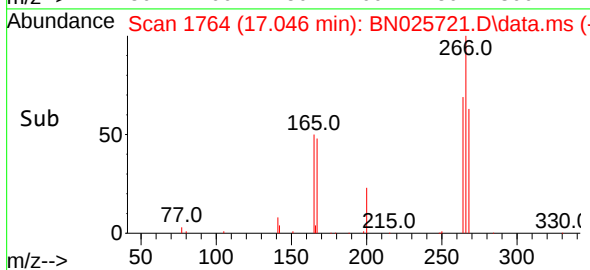
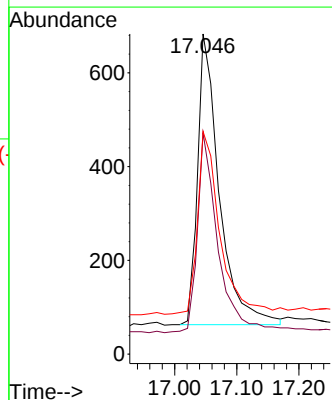
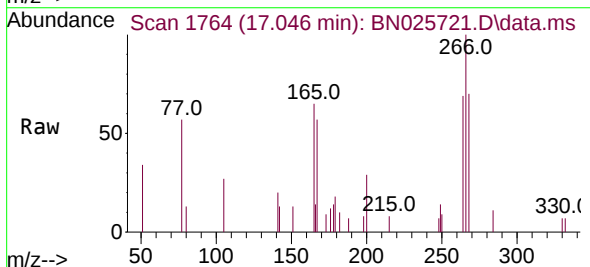
Manual Integrations
APPROVED

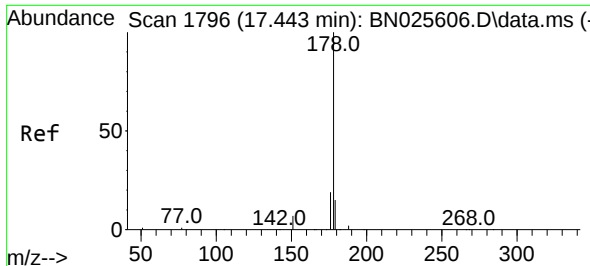
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#24
Pentachlorophenol
Concen: 1.168 ng
RT: 17.046 min Scan# 1764
Delta R.T. -0.025 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

Tgt Ion:266 Resp: 1508
Ion Ratio Lower Upper
266 100
264 64.9 60.0 90.0
268 64.7 0.0 0.0#





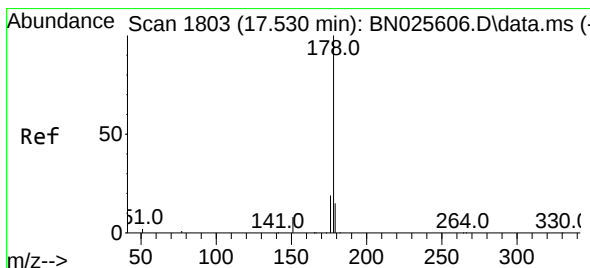
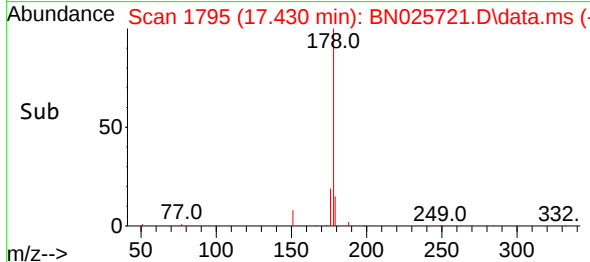
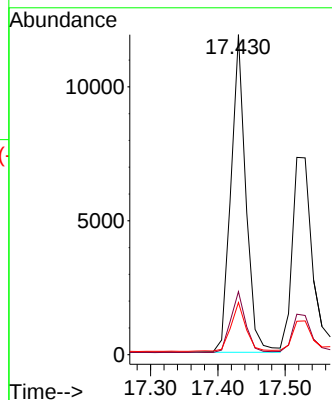
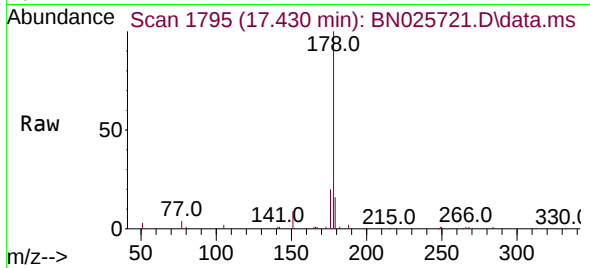
#25
Phenanthrene
Concen: 0.289 ng
RT: 17.430 min Scan# 1795
Delta R.T. -0.000 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

Instrument :
BNA_N
ClientSampleId :
RW10-MW10D-20230522MS

Tgt Ion:178 Resp: 1830
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.8 12.6 19.0

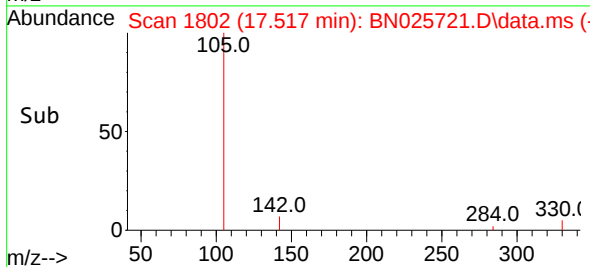
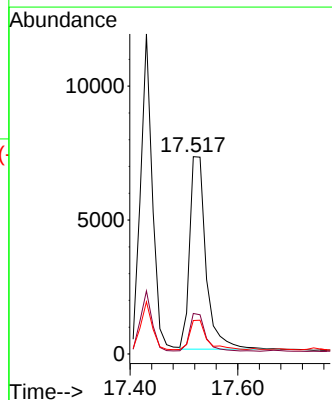
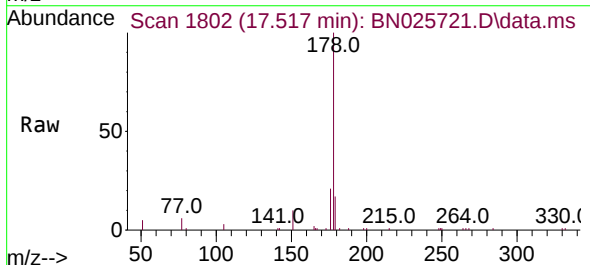
Manual Integrations
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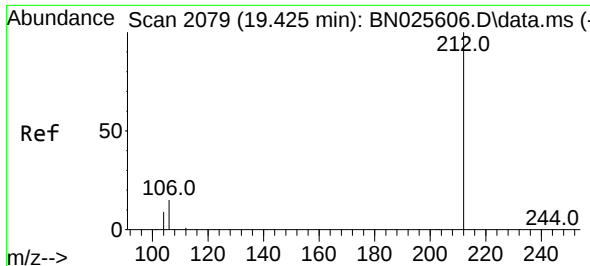
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#26
Anthracene
Concen: 0.265 ng
RT: 17.517 min Scan# 1802
Delta R.T. -0.013 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

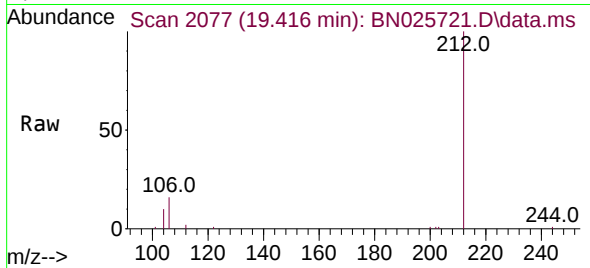
Tgt Ion:178 Resp: 15206
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.6 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.293 ng
RT: 19.416 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

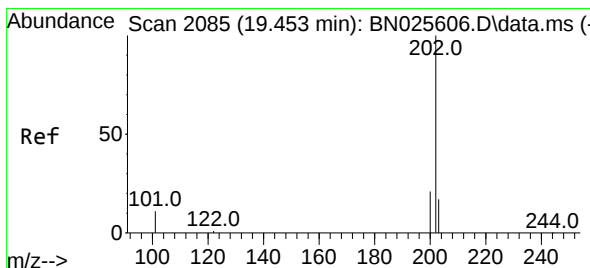
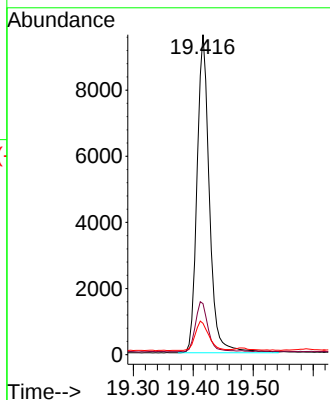
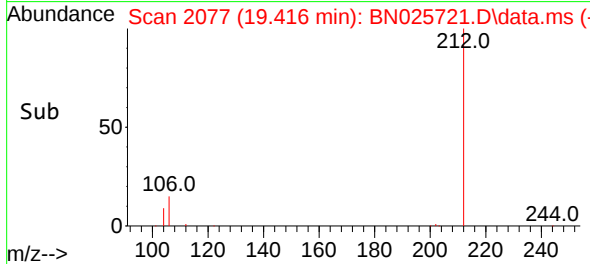
Instrument :
BNA_N
ClientSampleId :
RW10-MW10D-20230522MS



Tgt Ion:212 Resp: 1380
Ion Ratio Lower Upper
212 100
106 15.9 12.3 18.5
104 10.0 7.2 10.8

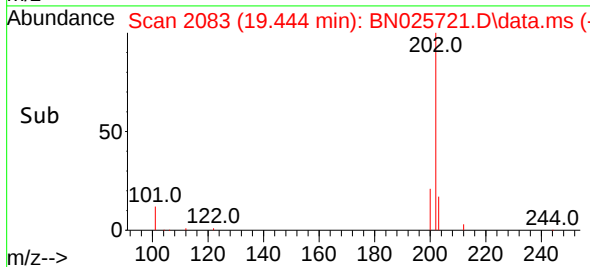
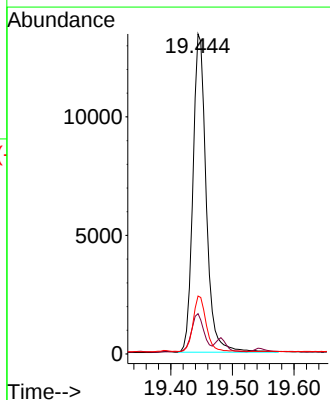
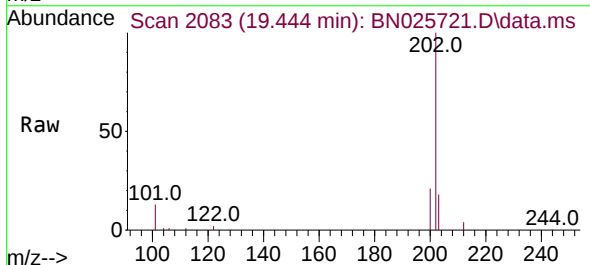
Manual Integrations
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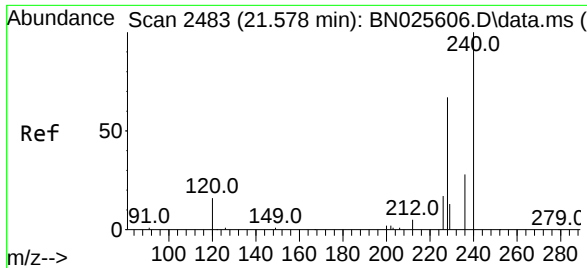
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#28
Fluoranthene
Concen: 0.293 ng
RT: 19.444 min Scan# 2083
Delta R.T. -0.009 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

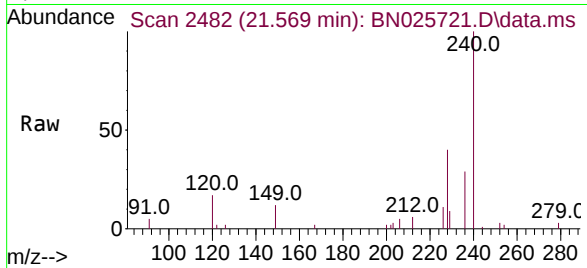
Tgt Ion:202 Resp: 20209
Ion Ratio Lower Upper
202 100
101 11.8 9.2 13.8
203 17.2 13.3 19.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.569 min Scan# 2482
Delta R.T. -0.009 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

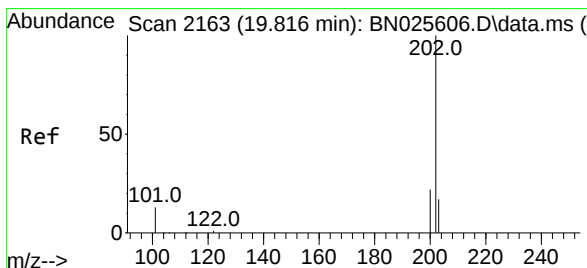
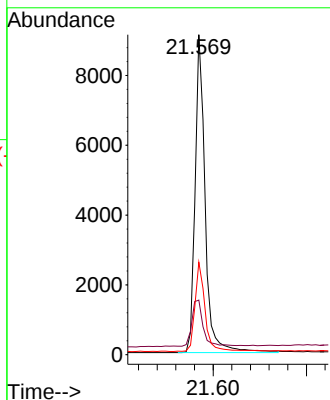
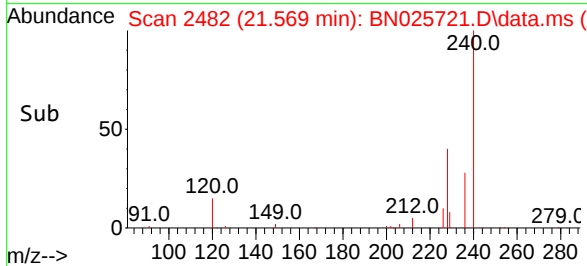
Instrument :
BNA_N
ClientSampleId :
RW10-MW10D-20230522MS



Tgt Ion:240 Resp: 13670
Ion Ratio Lower Upper
240 100
120 17.1 15.4 23.0
236 28.9 23.2 34.8

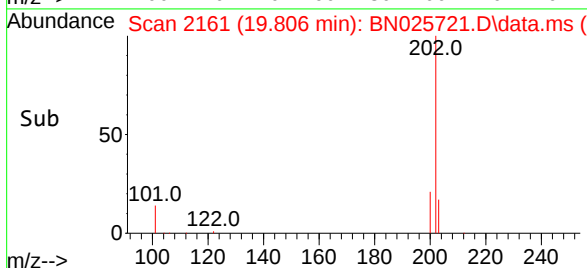
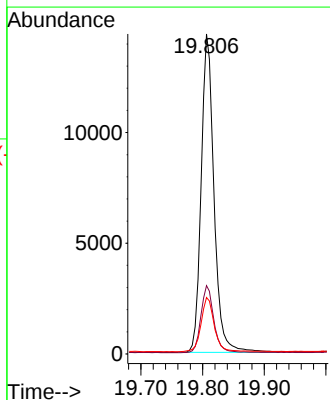
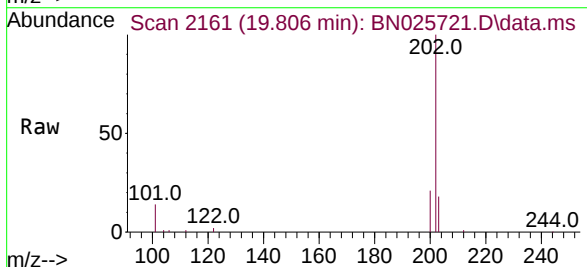
Manual Integrations
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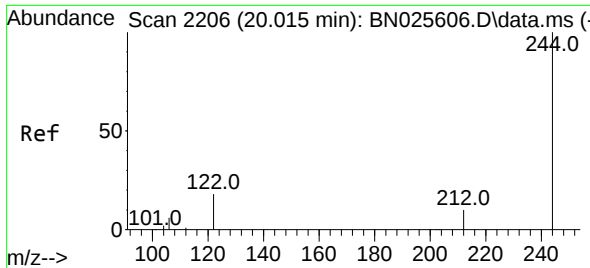
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#30
Pyrene
Concen: 0.312 ng
RT: 19.806 min Scan# 2161
Delta R.T. -0.009 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

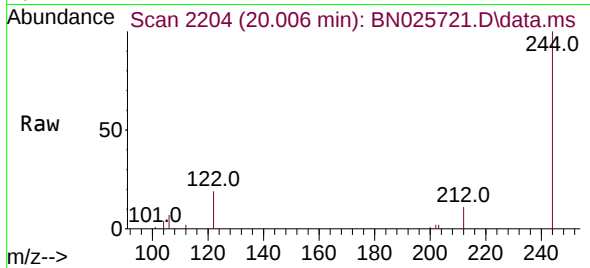
Tgt Ion:202 Resp: 20796
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.3 14.5 21.7





#31
Terphenyl-d14
Concen: 0.371 ng
RT: 20.006 min Scan# 2110
Delta R.T. -0.009 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

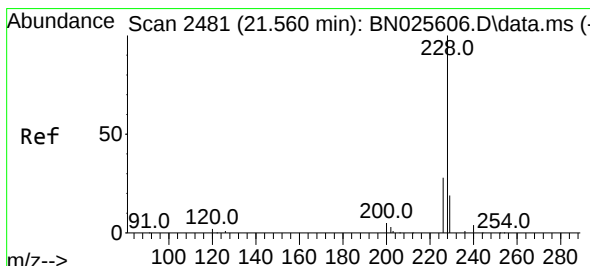
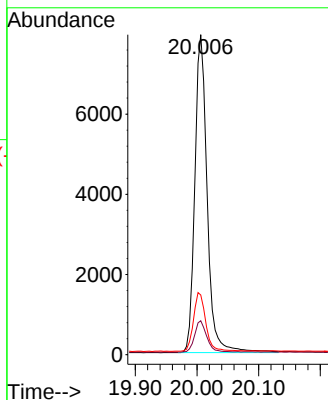
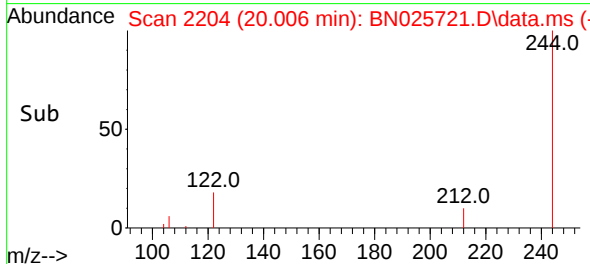
Instrument :
BNA_N
ClientSampleId :
RW10-MW10D-20230522MS



Tgt Ion:244 Resp: 11098
Ion Ratio Lower Upper
244 100
212 10.6 8.5 12.7
122 18.7 14.9 22.3

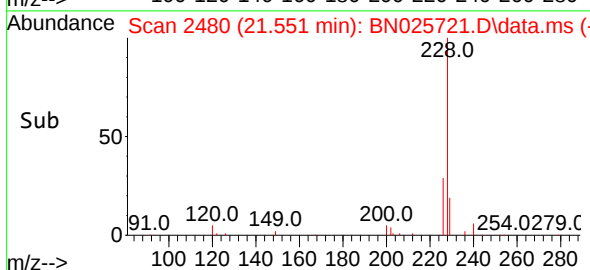
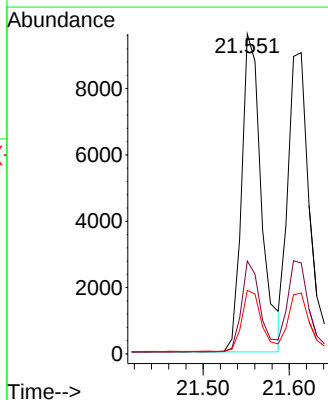
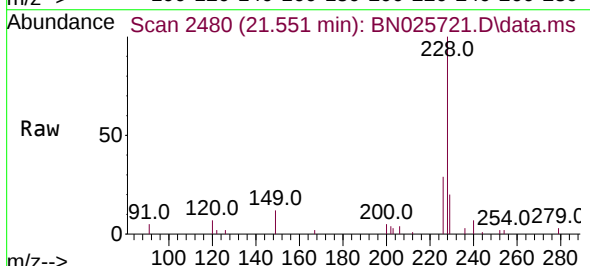
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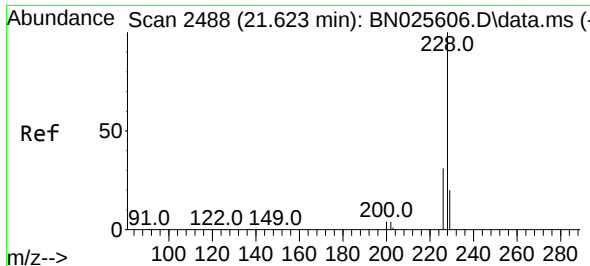
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#32
Benzo(a)anthracene
Concen: 0.301 ng
RT: 21.551 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

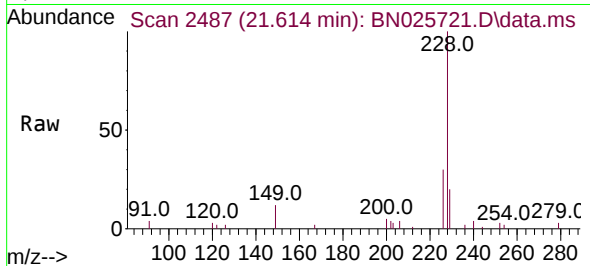
Tgt Ion:228 Resp: 15314
Ion Ratio Lower Upper
228 100
226 29.1 22.9 34.3
229 19.9 15.9 23.9





#33
Chrysene
Concen: 0.282 ng
RT: 21.614 min Scan# 2487
Delta R.T. -0.000 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

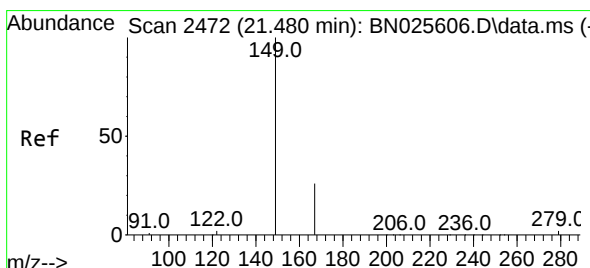
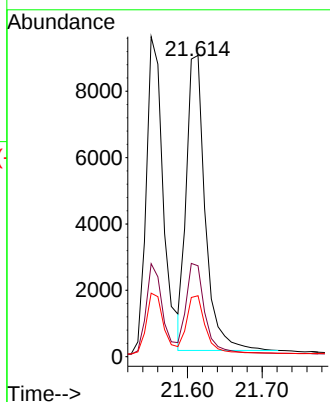
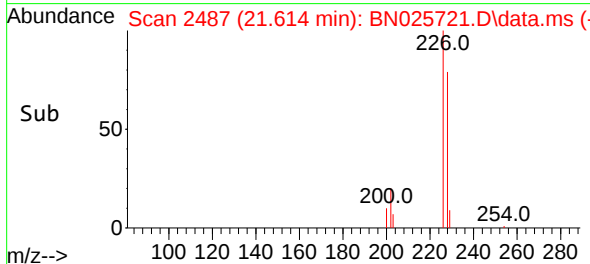
Instrument :
BNA_N
ClientSampleId :
RW10-MW10D-20230522MS



Tgt Ion:228 Resp: 1560
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 20.2 16.2 24.4

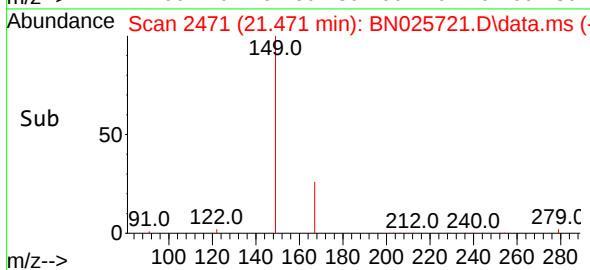
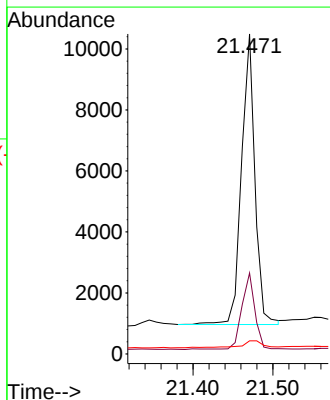
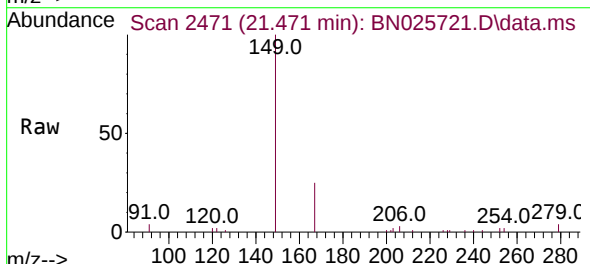
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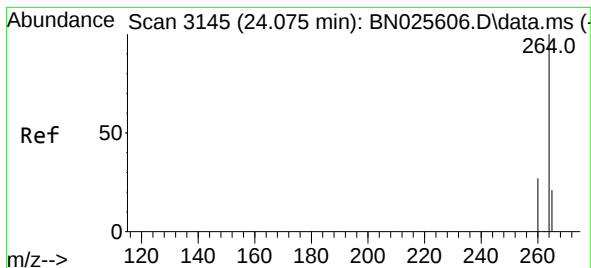
Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.356 ng
RT: 21.471 min Scan# 2471
Delta R.T. -0.000 min
Lab File: BN025721.D
Acq: 30 May 2023 17:46

Tgt Ion:149 Resp: 11046
Ion Ratio Lower Upper
149 100
167 25.0 20.4 30.6
279 4.0 3.3 4.9





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.057 min Scan# 31

Delta R.T. -0.012 min

Lab File: BN025721.D

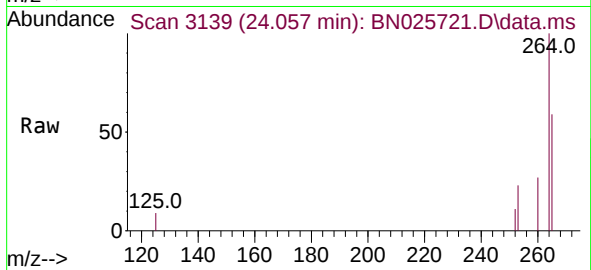
Acq: 30 May 2023 17:46

Instrument :

BNA_N

ClientSampleId :

RW10-MW10D-20230522MS



Tgt Ion:264 Resp: 1189

Ion Ratio Lower Upper

264 100

260 27.2 22.3 33.5

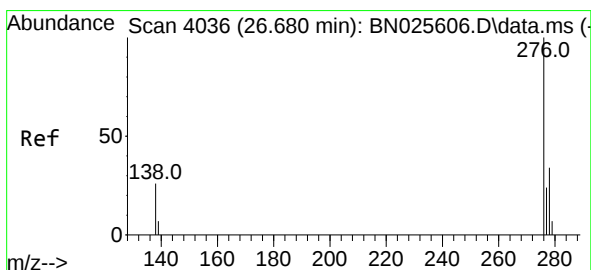
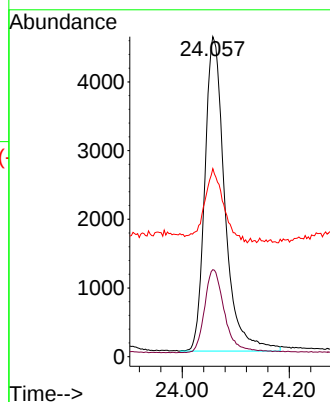
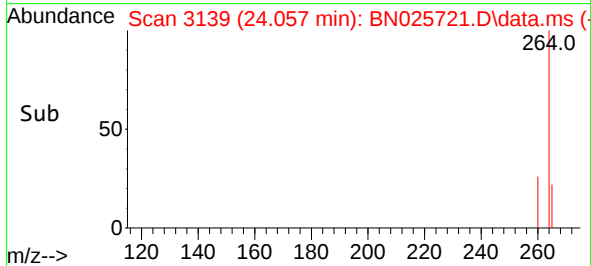
265 58.8 54.3 81.5

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/31/2023



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.246 ng

RT: 26.662 min Scan# 4030

Delta R.T. -0.018 min

Lab File: BN025721.D

Acq: 30 May 2023 17:46

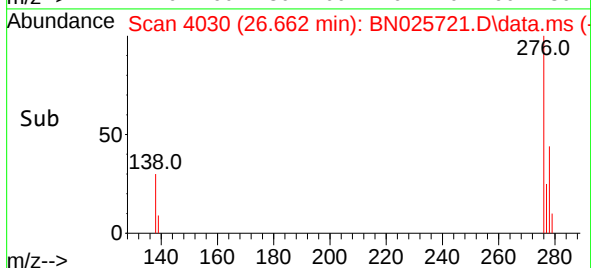
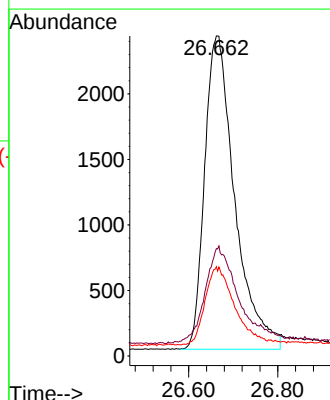
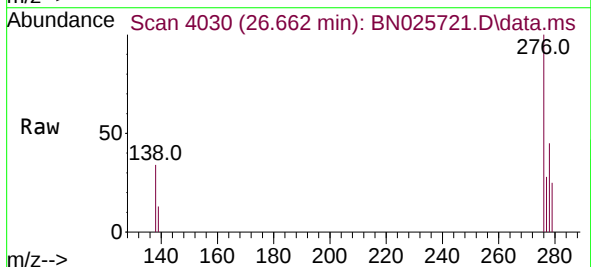
Tgt Ion:276 Resp: 11211

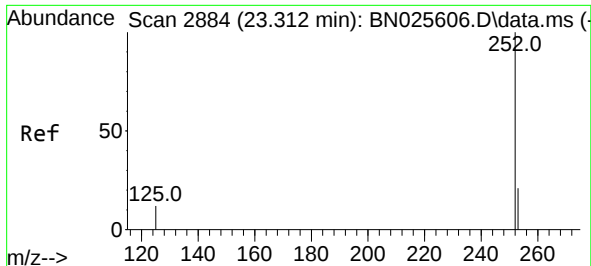
Ion Ratio Lower Upper

276 100

138 33.1 10.5 15.7#

277 24.3 9.2 13.8#





#37

Benzo(b)fluoranthene

Concen: 0.307 ng

RT: 23.297 min Scan# 2879

Delta R.T. -0.006 min

Lab File: BN025721.D

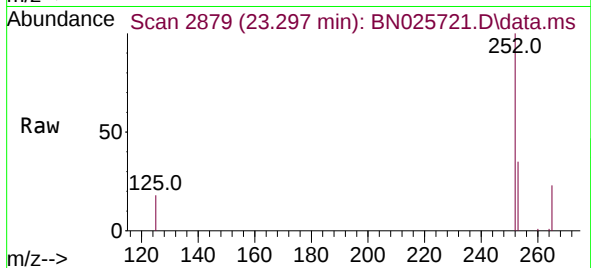
Acq: 30 May 2023 17:46

Instrument :

BNA_N

ClientSampleId :

RW10-MW10D-20230522MS



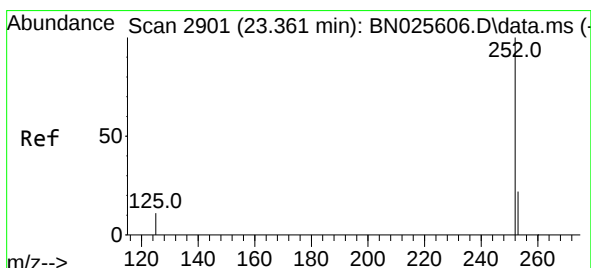
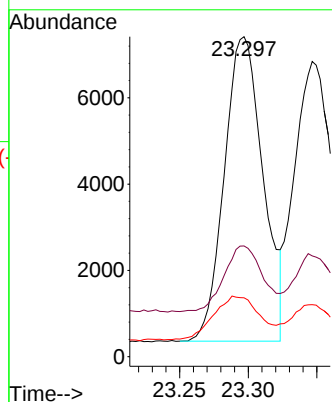
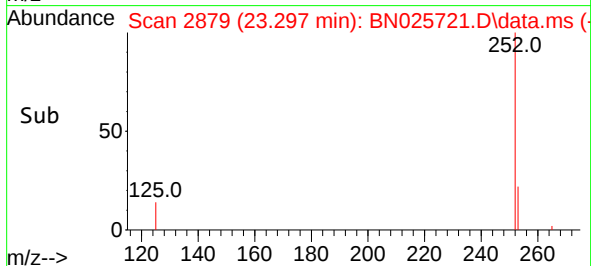
Tgt Ion:252 Resp: 13878

Ion	Ratio	Lower	Upper
252	100		
253	34.6	26.2	39.4
125	18.4	12.9	19.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#38

Benzo(k)fluoranthene

Concen: 0.278 ng

RT: 23.347 min Scan# 2896

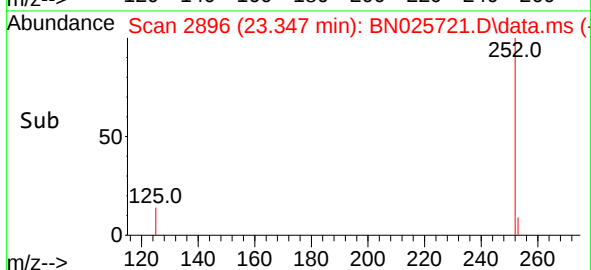
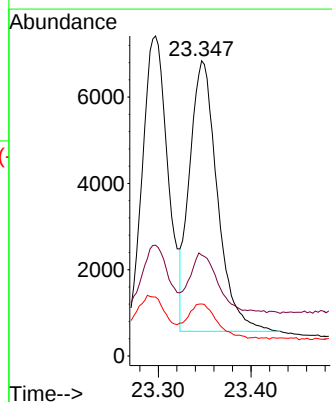
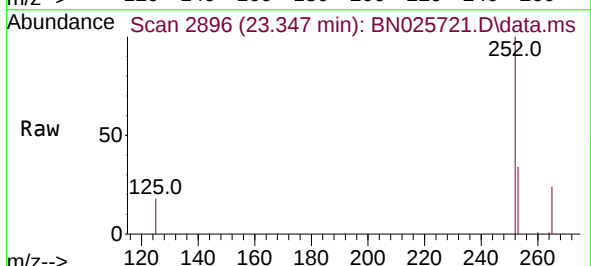
Delta R.T. -0.009 min

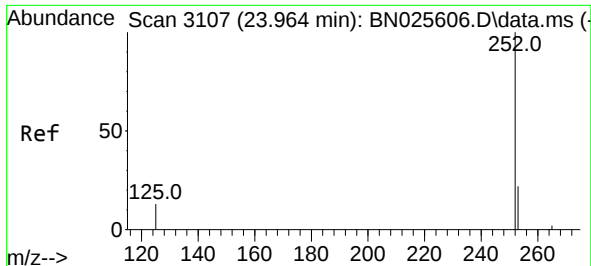
Lab File: BN025721.D

Acq: 30 May 2023 17:46

Tgt Ion:252 Resp: 13090

Ion	Ratio	Lower	Upper
252	100		
253	34.2	26.1	39.1
125	17.6	12.5	18.7





#39

Benzo(a)pyrene

Concen: 0.249 ng

RT: 23.949 min Scan# 3107

Delta R.T. -0.006 min

Lab File: BN025721.D

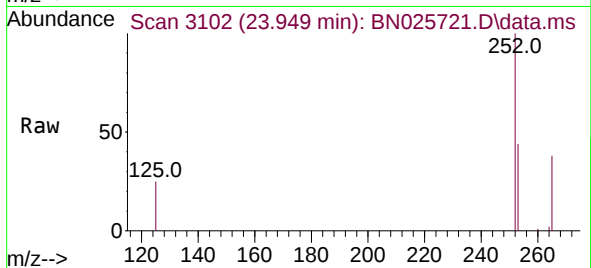
Acq: 30 May 2023 17:46

Instrument :

BNA_N

ClientSampleId :

RW10-MW10D-20230522MS

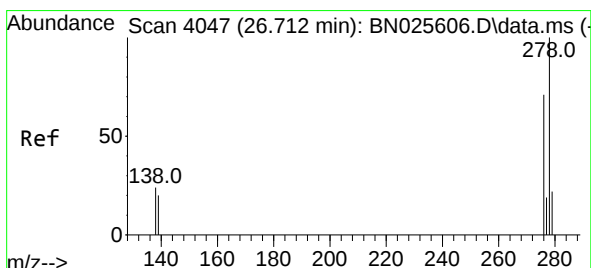
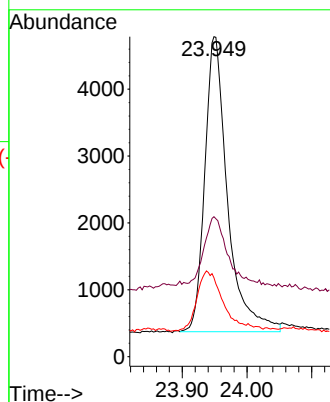


Tgt Ion:	252	Resp:	10770
Ion Ratio	Lower	Upper	
252	100		
253	43.7	30.2	45.2
125	24.7	14.8	22.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#40

Dibenzo(a,h)anthracene

Concen: 0.248 ng

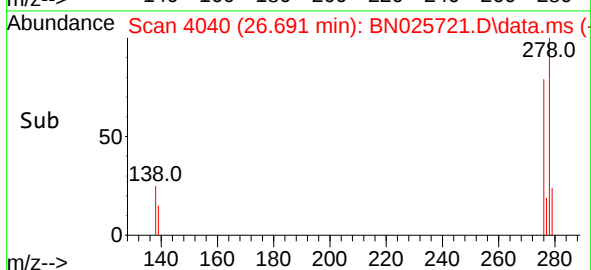
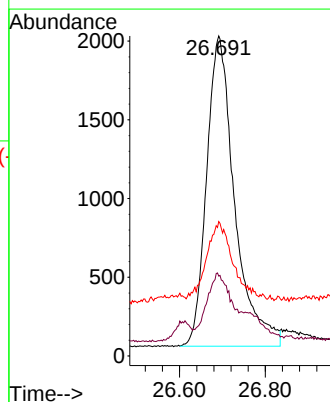
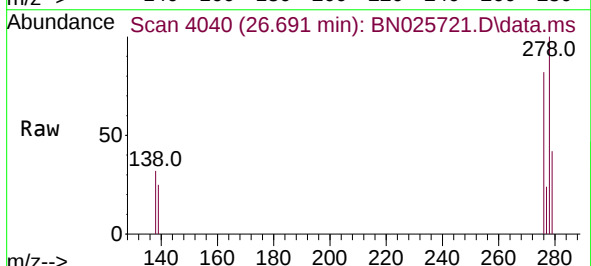
RT: 26.691 min Scan# 4040

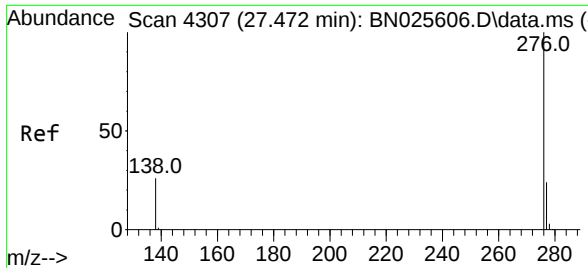
Delta R.T. -0.012 min

Lab File: BN025721.D

Acq: 30 May 2023 17:46

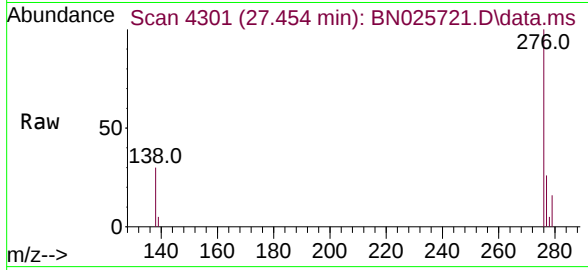
Tgt Ion:	278	Resp:	8960
Ion Ratio	Lower	Upper	
278	100		
139	24.9	18.6	28.0
279	42.0	27.8	41.8





#41
 Benzo(g,h,i)perylene
 Concen: 0.220 ng
 RT: 27.454 min Scan# 41
 Delta R.T. -0.015 min
 Lab File: BN025721.D
 Acq: 30 May 2023 17:46

Instrument :
 BNA_N
 ClientSampleId :
 RW10-MW10D-20230522MS



Tgt Ion: 276 Resp: 908

Ion	Ratio	Lower	Upper
276	100		
277	26.2	21.4	32.0
138	30.1	22.8	34.2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/31/2023
 Supervised By : Jagrut Upadhyay 05/31/2023

