

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053023\
 Data File : BN025717.D
 Acq On : 30 May 2023 13:24
 Operator : CG/JU
 Sample : 02912-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW3-MW1-20230523MS

Quant Time: May 31 05:38:19 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	8.019	152	6495	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	18190	0.400	ng	0.00
13) Acenaphthene-d10	14.651	164	9860	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	19436	0.400	ng	# 0.00
29) Chrysene-d12	21.578	240	9266	0.400	ng	# 0.00
35) Perylene-d12	24.054	264	8496	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	2097	0.126	ng	0.00
5) Phenol-d6	7.182	99	1575	0.079	ng	0.00
8) Nitrobenzene-d5	9.180	82	5117	0.336	ng	-0.01
11) 2-Methylnaphthalene-d10	12.415	152	9618	0.371	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	828	0.415	ng	-0.01
15) 2-Fluorobiphenyl	13.272	172	15360	0.377	ng	-0.01
27) Fluoranthene-d10	19.416	212	14547	0.330	ng	0.00
31) Terphenyl-d14	20.006	244	10335	0.509	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	19414	2.581	ng	100
3) n-Nitrosodimethylamine	3.765	42	637	0.079	ng	# 85
6) bis(2-Chloroethyl)ether	7.434	93	6129	0.298	ng	# 85
9) Naphthalene	10.878	128	16740	0.336	ng	99
10) Hexachlorobutadiene	11.166	225	2681	0.311	ng	# 97
12) 2-Methylnaphthalene	12.487	142	10843	0.317	ng	99
16) Acenaphthylene	14.373	152	15163	0.326	ng	99
17) Acenaphthene	14.705	154	10458	0.341	ng	99
18) Fluorene	15.693	166	13760	0.339	ng	100
20) 4,6-Dinitro-2-methylph...	15.780	198	1110	0.522	ng	# 61
21) 4-Bromophenyl-phenylether	16.574	248	3896	0.353	ng	91
22) Hexachlorobenzene	16.698	284	3596	0.357	ng	97
23) Atrazine	16.847	200	3407	0.387	ng	# 92
24) Pentachlorophenol	17.046	266	1553	1.229	ng	# 83
25) Phenanthrene	17.430	178	21910	0.370	ng	100
26) Anthracene	17.530	178	18346	0.343	ng	100
28) Fluoranthene	19.449	202	20834	0.323	ng	99
30) Pyrene	19.811	202	20874	0.463	ng	99
32) Benzo(a)anthracene	21.560	228	12909	0.374	ng	99
33) Chrysene	21.614	228	14436	0.385	ng	100
34) Bis(2-ethylhexyl)phtha...	21.471	149	8174	0.389	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.636	276	14733	0.452	ng	# 62
37) Benzo(b)fluoranthene	23.291	252	12809	0.396	ng	97
38) Benzo(k)fluoranthene	23.341	252	12504	0.371	ng	96
39) Benzo(a)pyrene	23.940	252	10640	0.344	ng	94
40) Dibenzo(a,h)anthracene	26.656	278	11252	0.436	ng	98
41) Benzo(g,h,i)perylene	27.437	276	13584	0.461	ng	98

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

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Misc :
ALS Vial : 6 Sample Multiplier: 1

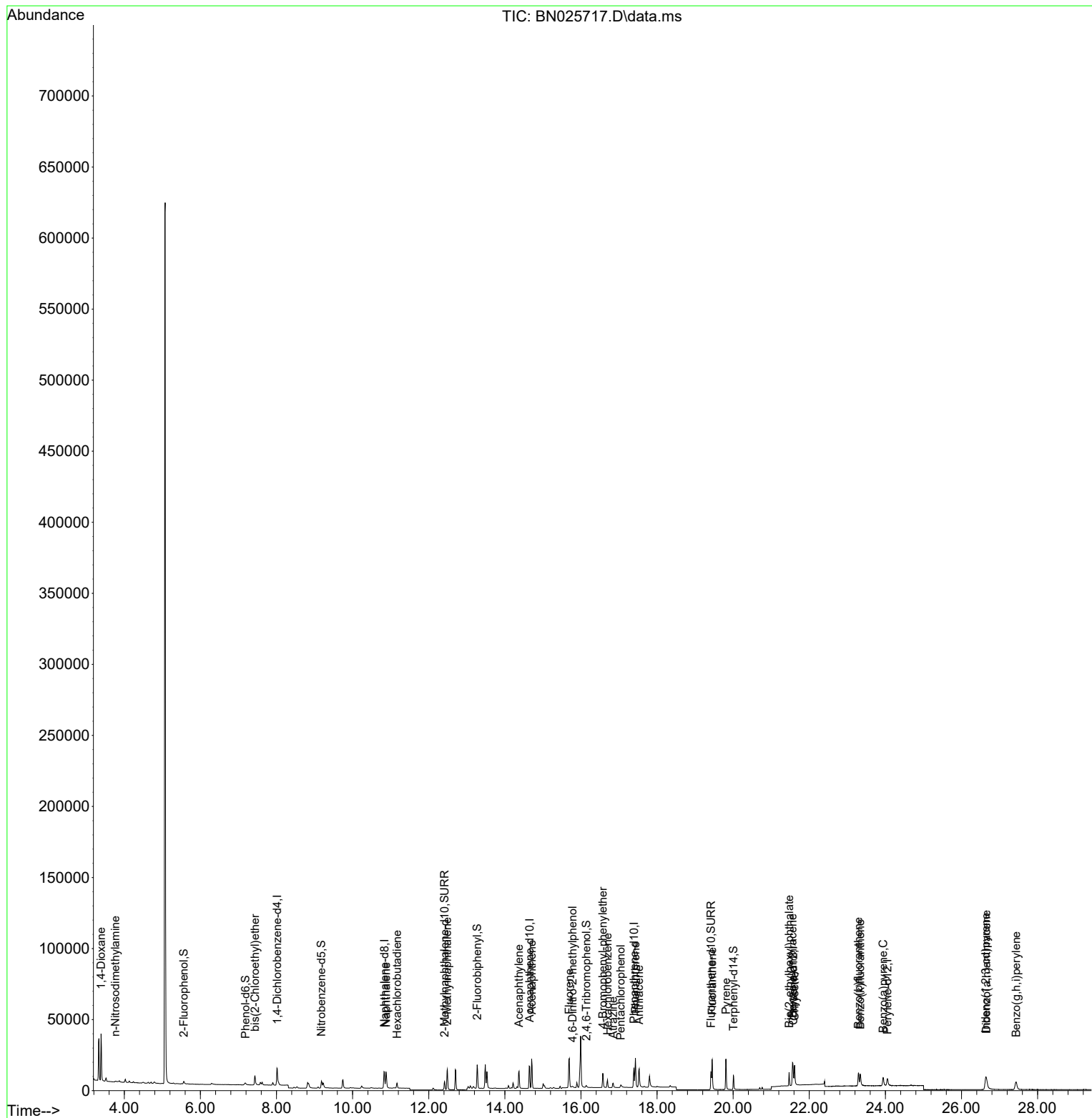
Instrument :

BNA_N

ClientSampleId :

GM38-RW3-MW1-20230523MS

Quant Time: May 31 05:38:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
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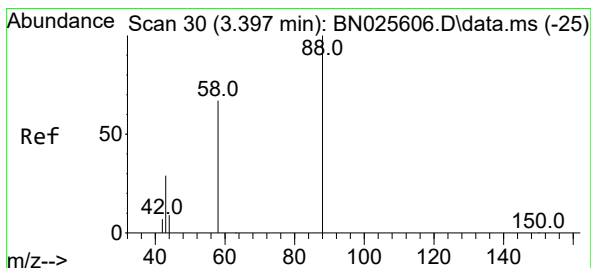
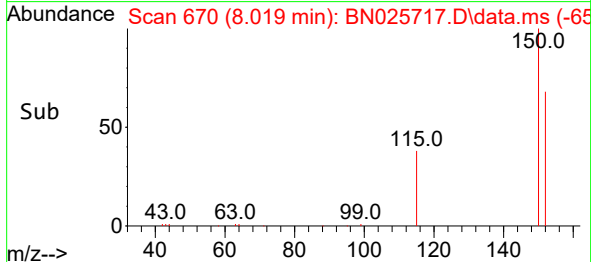
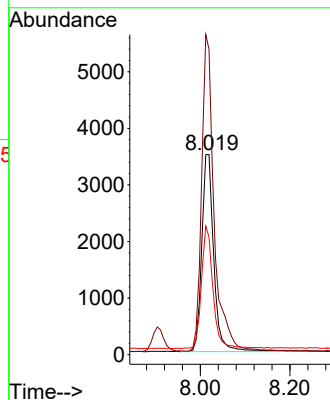
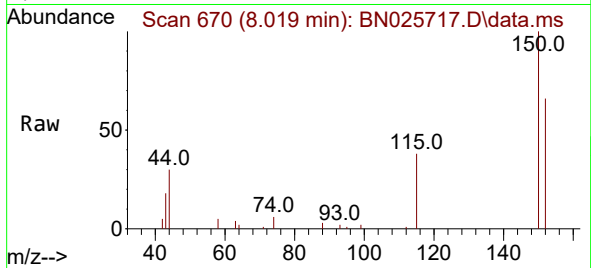




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025717.D
Acq: 30 May 2023 13:24

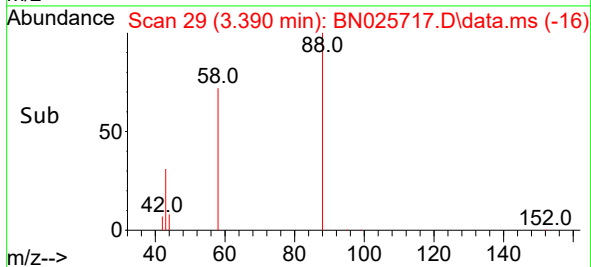
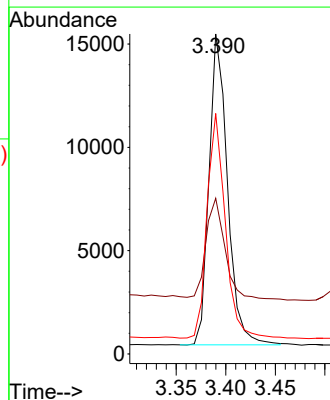
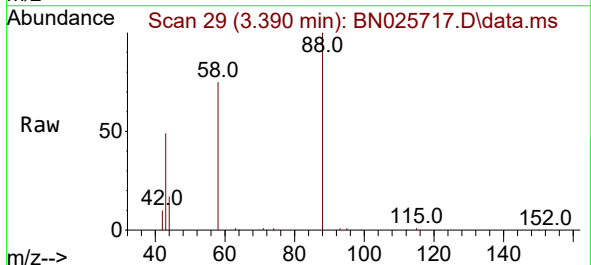
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MS

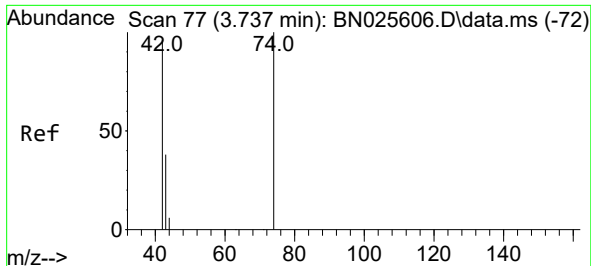
Tgt Ion:152 Resp: 6495
Ion Ratio Lower Upper
152 100
150 152.6 121.0 181.6
115 58.7 48.5 72.7



#2
1,4-Dioxane
Concen: 2.581 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025717.D
Acq: 30 May 2023 13:24

Tgt Ion: 88 Resp: 19414
Ion Ratio Lower Upper
88 100
43 33.2 26.5 39.7
58 71.4 56.8 85.2

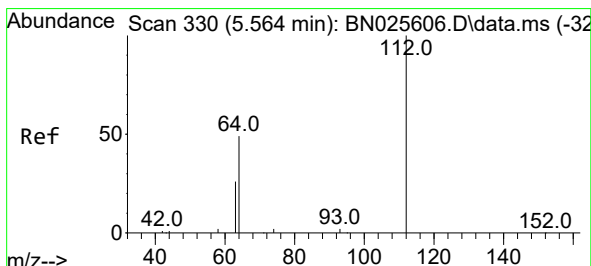
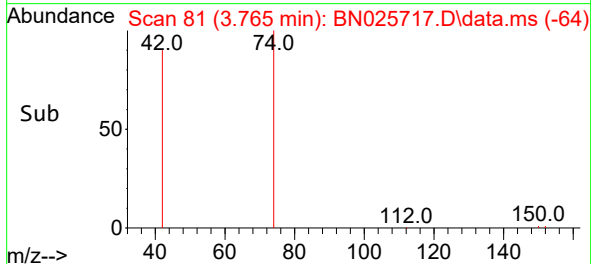
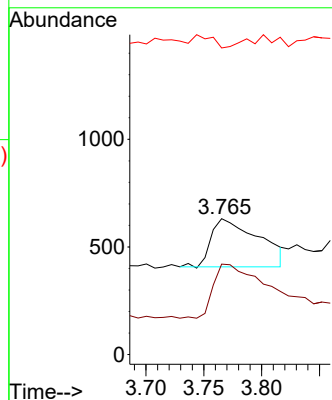
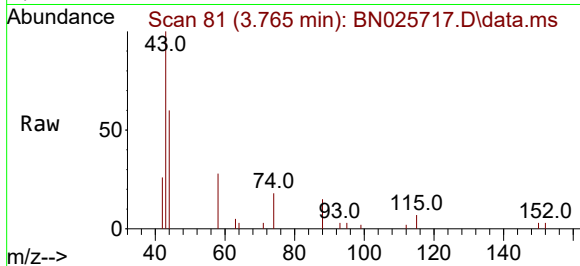




#3
 n-Nitrosodimethylamine
 Concen: 0.079 ng
 RT: 3.765 min Scan# 81
 Delta R.T. 0.022 min
 Lab File: BN025717.D
 Acq: 30 May 2023 13:24

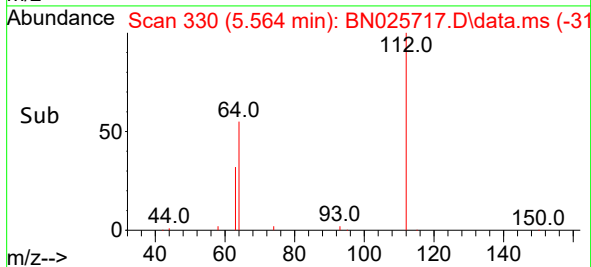
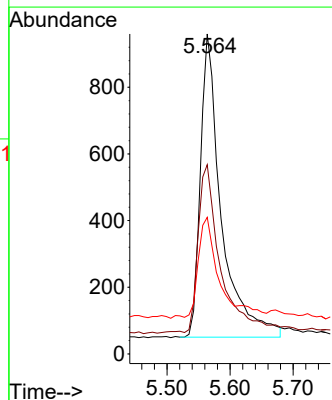
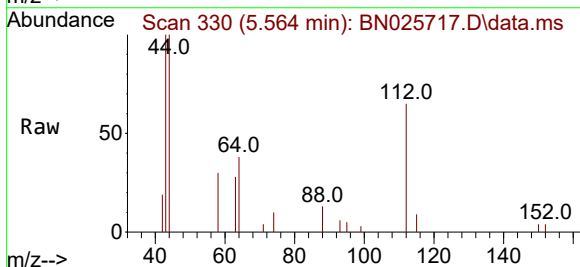
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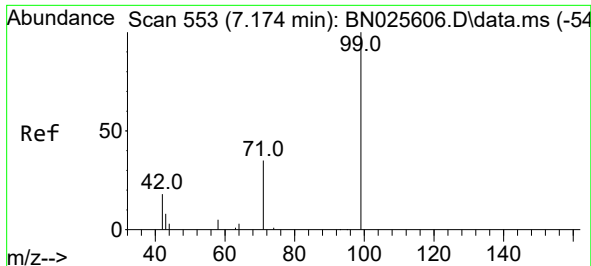
Tgt Ion: 42 Resp: 637
 Ion Ratio Lower Upper
 42 100
 74 117.6 82.2 123.2
 44 0.0 0.0 0.0



#4
 2-Fluorophenol
 Concen: 0.126 ng
 RT: 5.564 min Scan# 330
 Delta R.T. 0.007 min
 Lab File: BN025717.D
 Acq: 30 May 2023 13:24

Tgt Ion: 112 Resp: 2097
 Ion Ratio Lower Upper
 112 100
 64 60.3 45.7 68.5
 63 33.8 26.2 39.2

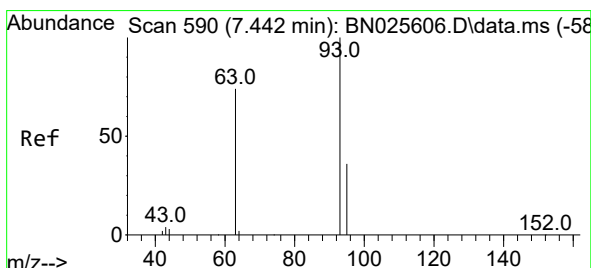
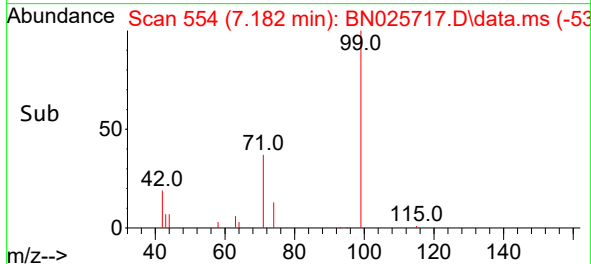
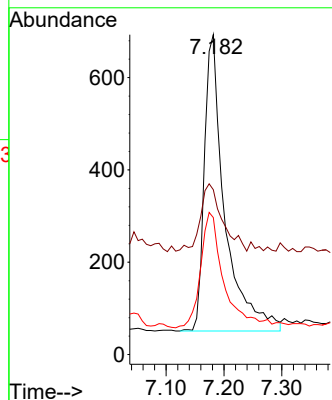
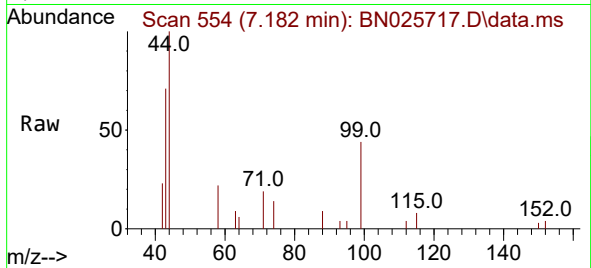




#5
Phenol-d6
Concen: 0.079 ng
RT: 7.182 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN025717.D
Acq: 30 May 2023 13:24

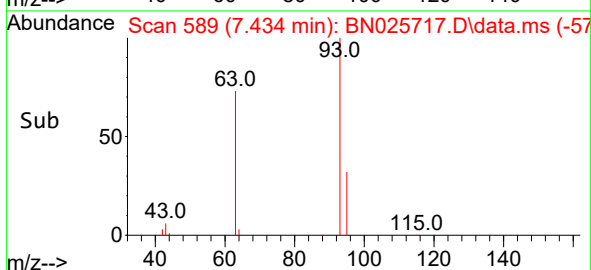
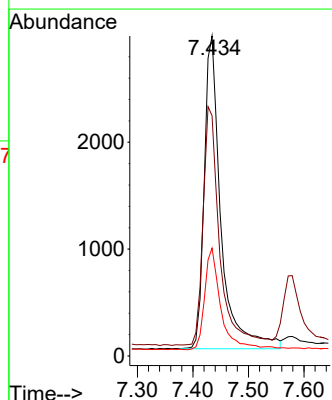
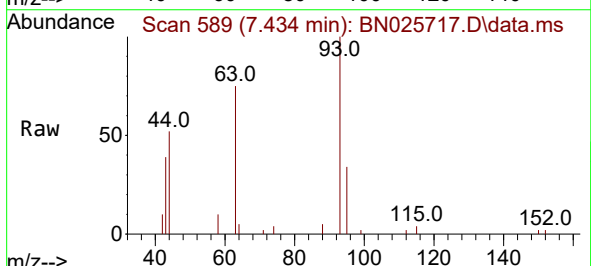
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MS

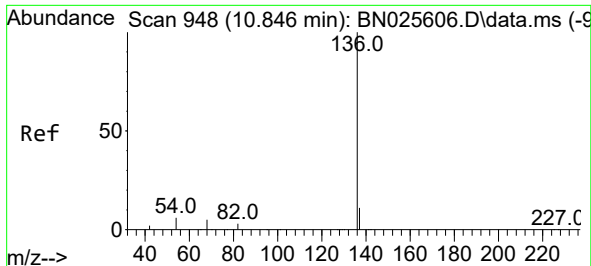
Tgt Ion: 99 Resp: 1575
Ion Ratio Lower Upper
99 100
42 24.4 17.1 25.7
71 44.6 29.3 43.9#



#6
bis(2-Chloroethyl)ether
Concen: 0.298 ng
RT: 7.434 min Scan# 589
Delta R.T. -0.000 min
Lab File: BN025717.D
Acq: 30 May 2023 13:24

Tgt Ion: 93 Resp: 6129
Ion Ratio Lower Upper
93 100
63 76.1 49.1 73.7#
95 31.9 22.6 33.8

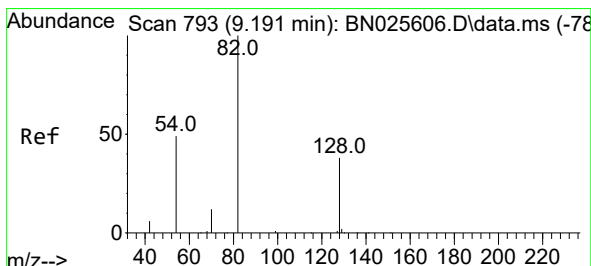
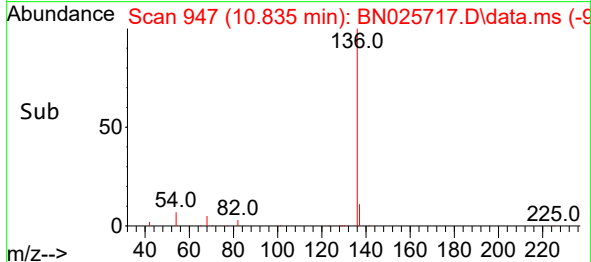
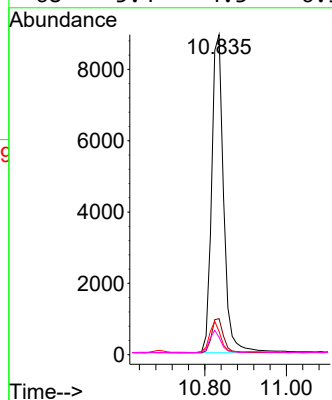
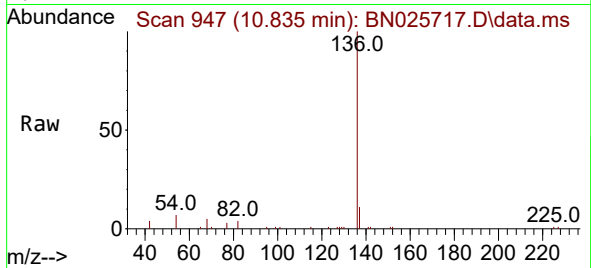




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025717.D
Acq: 30 May 2023 13:24

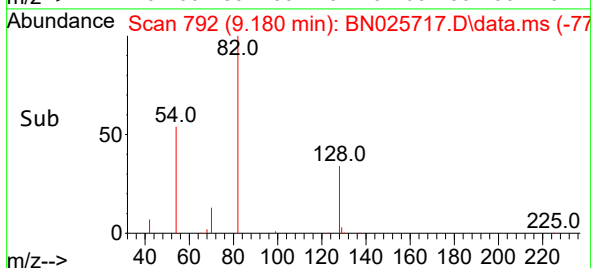
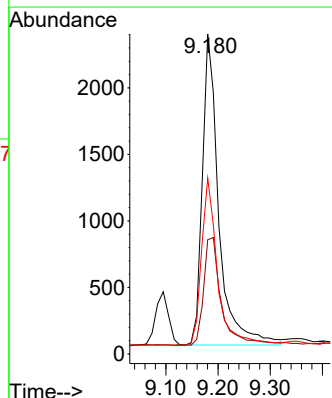
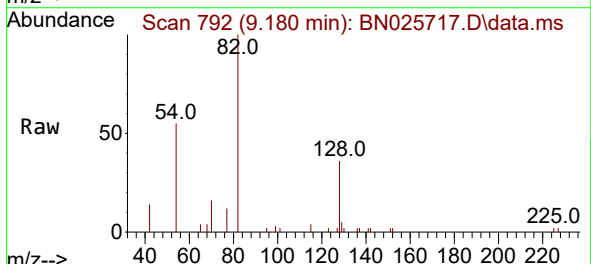
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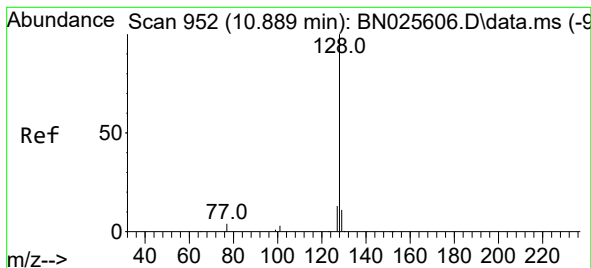
Tgt Ion:136	Resp:	18190
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.1 13.7
54	7.2	5.4 8.0
68	5.4	4.3 6.5



#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 9.180 min Scan# 792
Delta R.T. -0.011 min
Lab File: BN025717.D
Acq: 30 May 2023 13:24

Tgt Ion: 82	Resp:	5117
Ion Ratio	Lower	Upper
82	100	
128	35.7	32.5 48.7
54	55.0	40.6 60.8





#9

Naphthalene

Concen: 0.336 ng

RT: 10.878 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN025717.D

Acq: 30 May 2023 13:24

Instrument :

BNA_N

ClientSampleId :

GM38-RW3-MW1-20230523MS

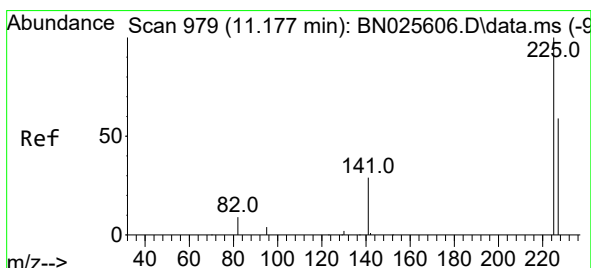
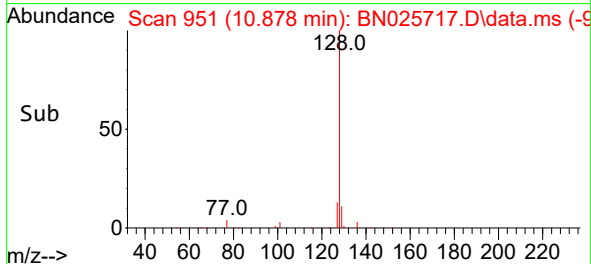
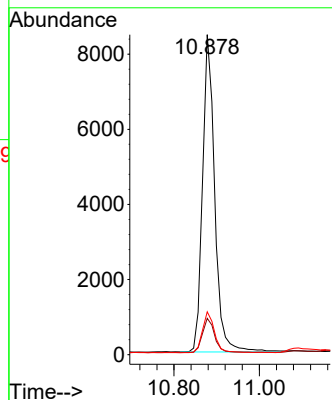
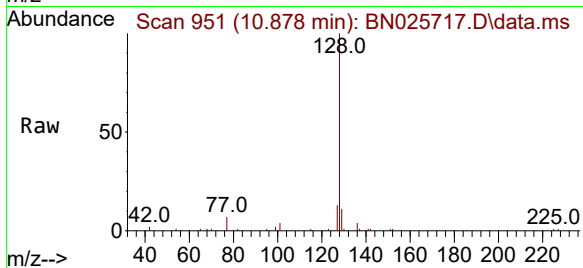
Tgt Ion:128 Resp: 16740

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

127 13.4 11.0 16.6



#10

Hexachlorobutadiene

Concen: 0.311 ng

RT: 11.166 min Scan# 978

Delta R.T. -0.011 min

Lab File: BN025717.D

Acq: 30 May 2023 13:24

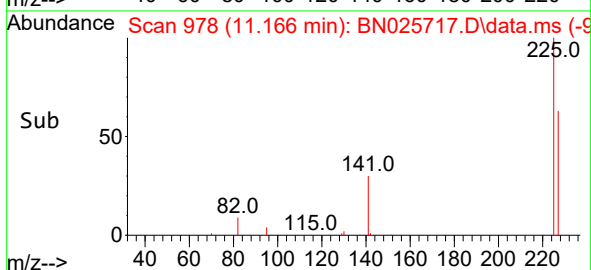
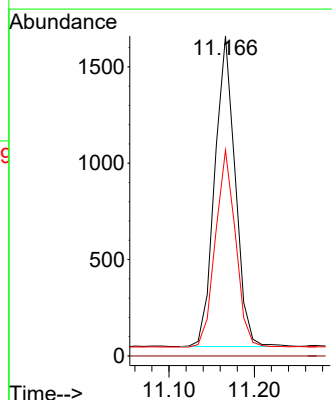
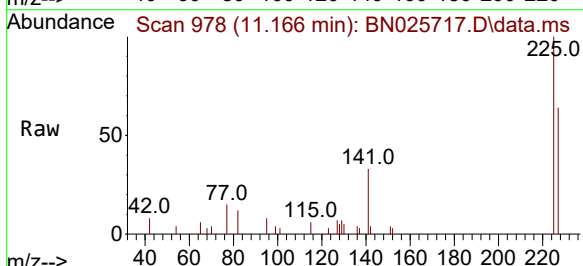
Tgt Ion:225 Resp: 2681

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 62.4 48.4 72.6

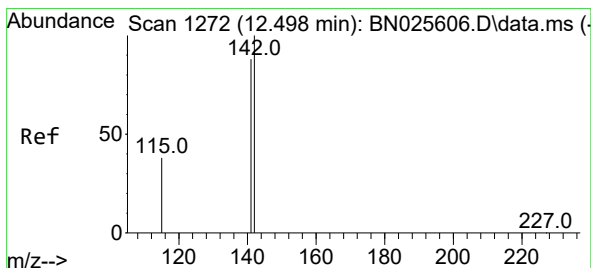
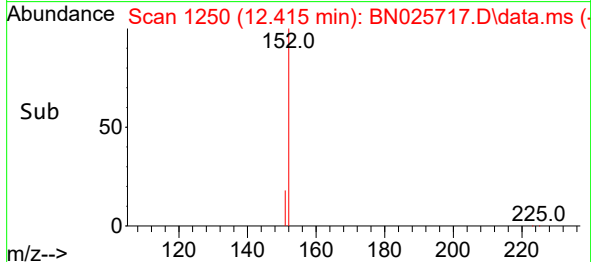
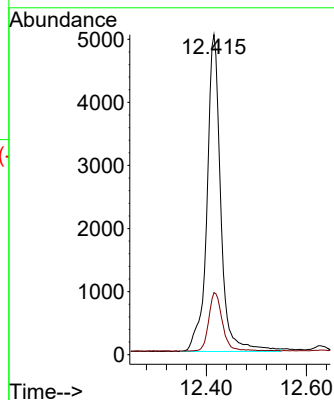
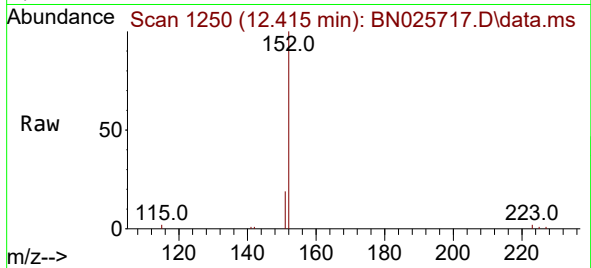




#11
2-Methylnaphthalene-d10
Concen: 0.371 ng
RT: 12.415 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN025717.D
Acq: 30 May 2023 13:24

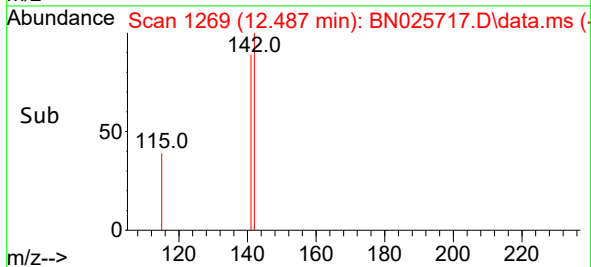
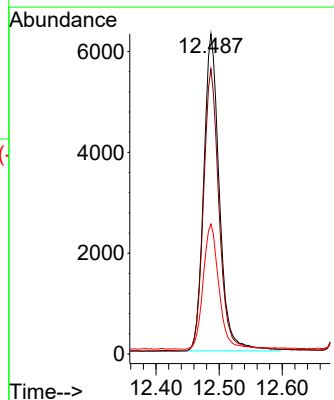
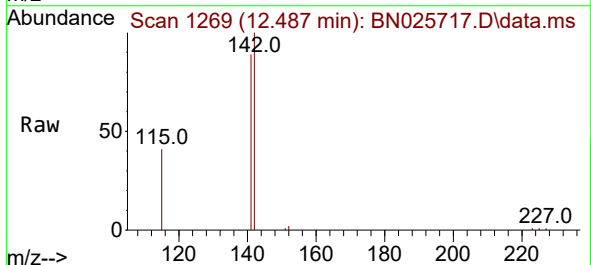
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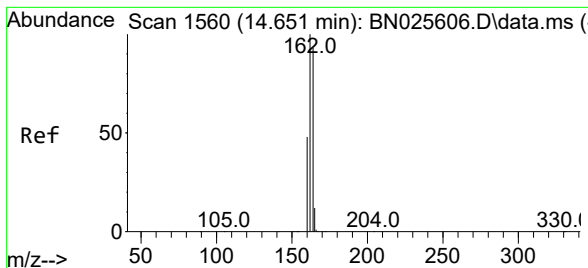
Tgt Ion:152 Resp: 9618
Ion Ratio Lower Upper
152 100
151 18.3 16.1 24.1



#12
2-Methylnaphthalene
Concen: 0.317 ng
RT: 12.487 min Scan# 1269
Delta R.T. -0.008 min
Lab File: BN025717.D
Acq: 30 May 2023 13:24

Tgt Ion:142 Resp: 10843
Ion Ratio Lower Upper
142 100
141 89.1 70.7 106.1
115 40.6 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.651 min Scan# 1560

Delta R.T. -0.000 min

Lab File: BN025717.D

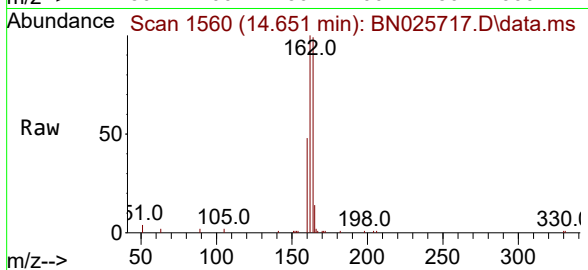
Acq: 30 May 2023 13:24

Instrument :

BNA_N

ClientSampleId :

GM38-RW3-MW1-20230523MS



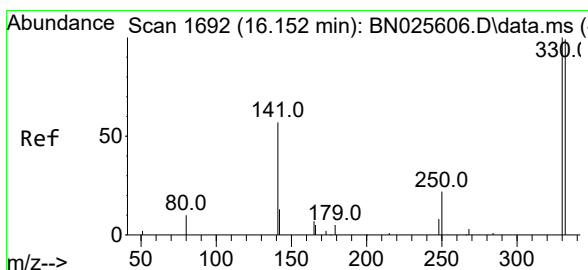
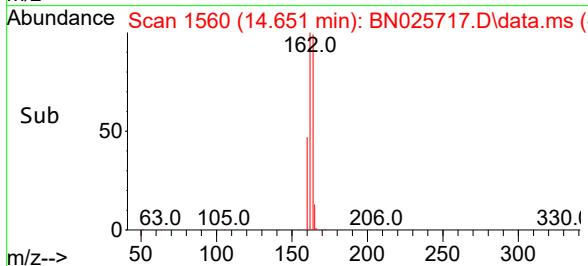
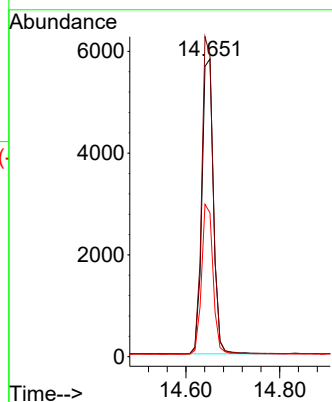
Tgt Ion:164 Resp: 9860

Ion Ratio Lower Upper

164 100

162 101.0 86.4 129.6

160 48.3 41.9 62.9



#14

2,4,6-Tribromophenol

Concen: 0.415 ng

RT: 16.140 min Scan# 1691

Delta R.T. -0.012 min

Lab File: BN025717.D

Acq: 30 May 2023 13:24

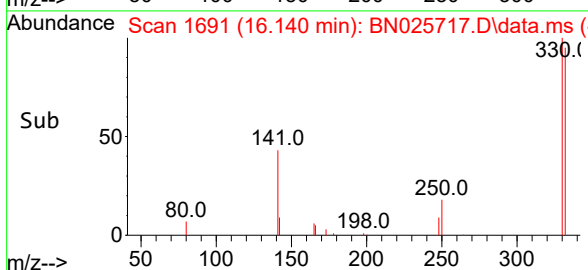
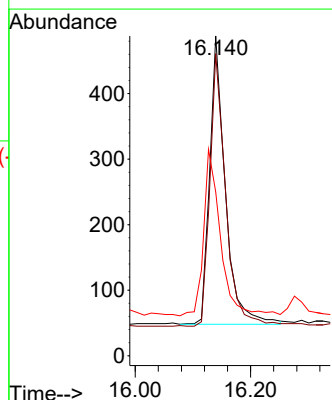
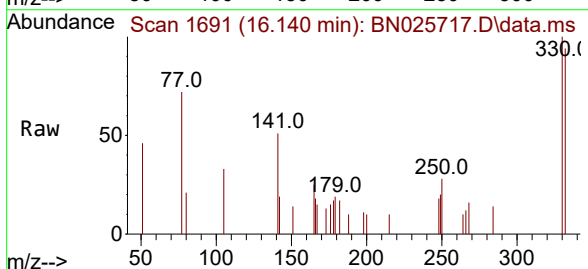
Tgt Ion:330 Resp: 828

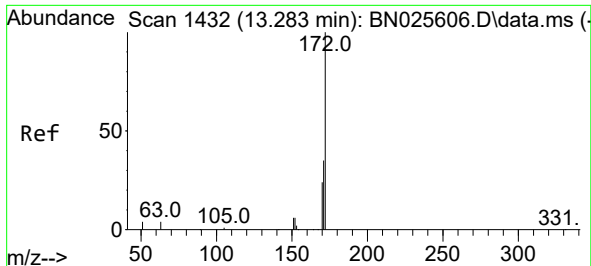
Ion Ratio Lower Upper

330 100

332 95.5 80.0 120.0

141 62.2 45.8 68.6

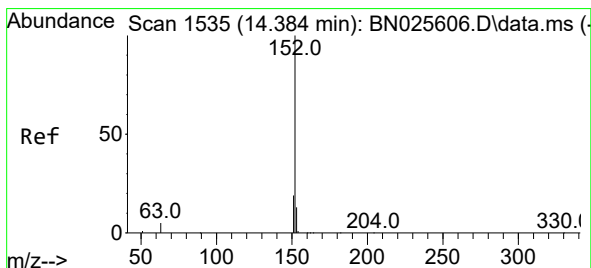
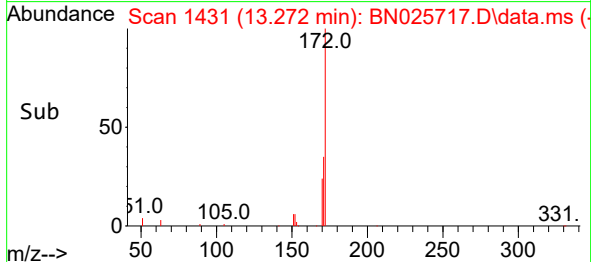
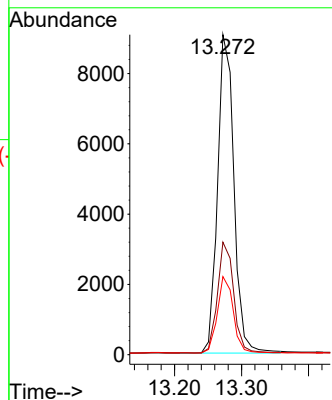
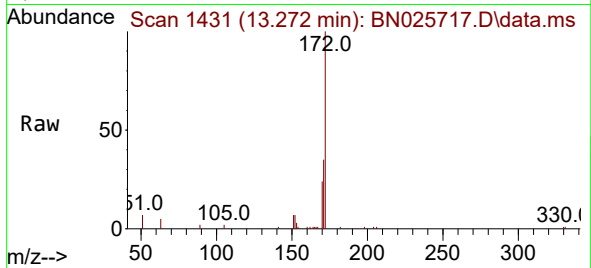




#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 13.272 min Scan# 1432
Delta R.T. -0.011 min
Lab File: BN025717.D
Acq: 30 May 2023 13:24

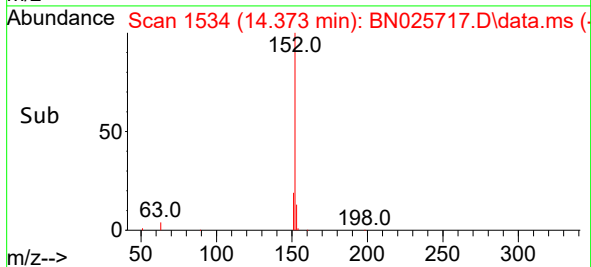
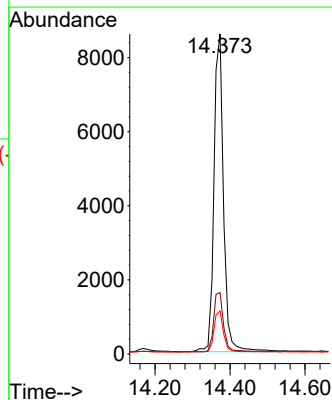
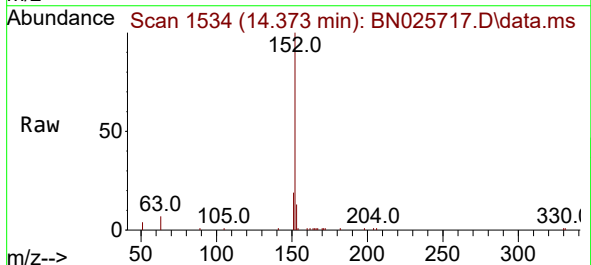
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MS

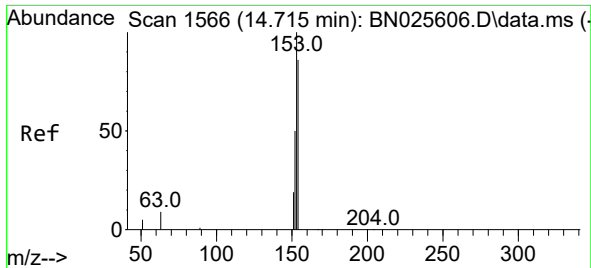
Tgt Ion:172	Resp:	15360
Ion Ratio	Lower	Upper
172	100	
171	35.1	28.6 42.8
170	24.4	19.7 29.5



#16
Acenaphthylene
Concen: 0.326 ng
RT: 14.373 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BN025717.D
Acq: 30 May 2023 13:24

Tgt Ion:152	Resp:	15163
Ion Ratio	Lower	Upper
152	100	
151	19.4	15.8 23.6
153	12.9	10.6 15.8

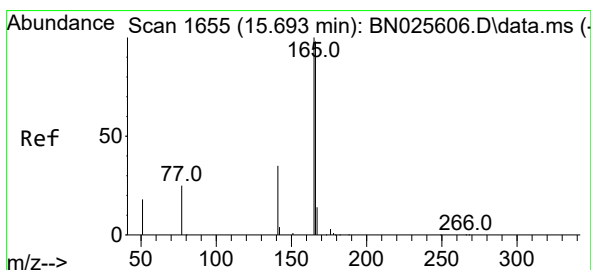
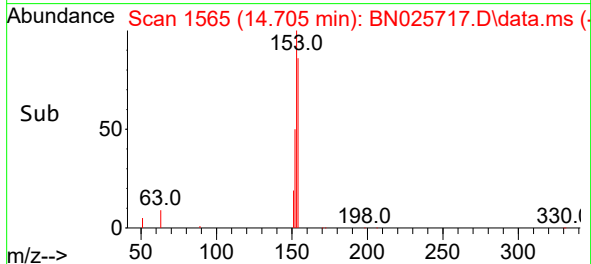
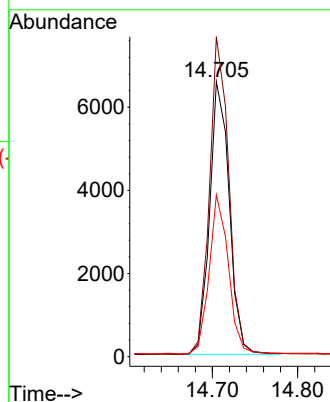
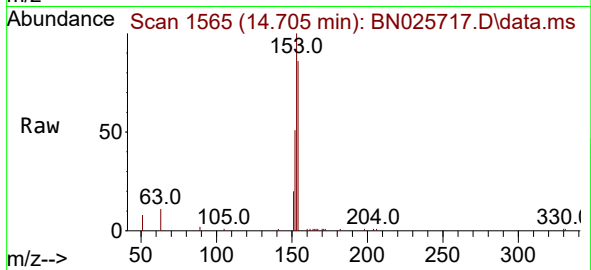




#17
Acenaphthene
Concen: 0.341 ng
RT: 14.705 min Scan# 1565
Delta R.T. -0.010 min
Lab File: BN025717.D
Acq: 30 May 2023 13:24

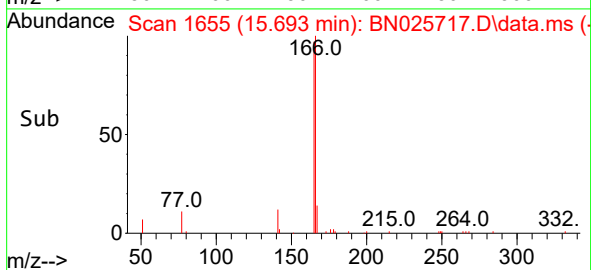
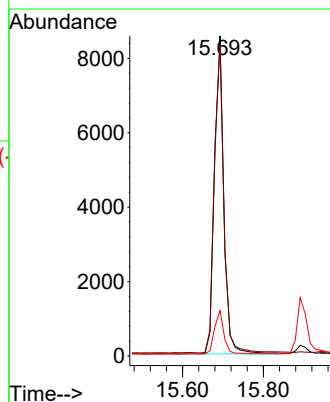
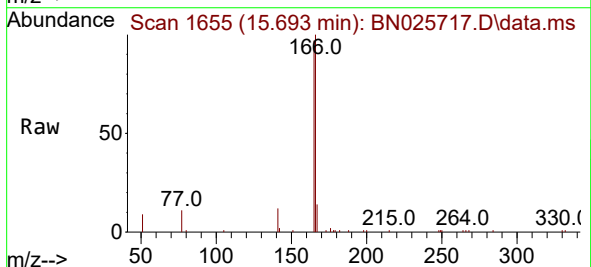
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MS

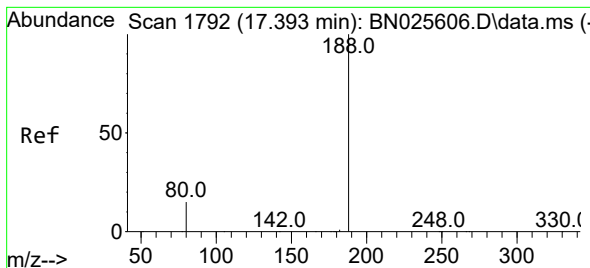
Tgt Ion:154 Resp: 10458
Ion Ratio Lower Upper
154 100
153 115.3 91.9 137.9
152 57.4 45.4 68.2



#18
Fluorene
Concen: 0.339 ng
RT: 15.693 min Scan# 1655
Delta R.T. -0.000 min
Lab File: BN025717.D
Acq: 30 May 2023 13:24

Tgt Ion:166 Resp: 13760
Ion Ratio Lower Upper
166 100
165 99.2 79.3 118.9
167 13.7 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.393 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN025717.D

Acq: 30 May 2023 13:24

Instrument :

BNA_N

ClientSampleId :

GM38-RW3-MW1-20230523MS

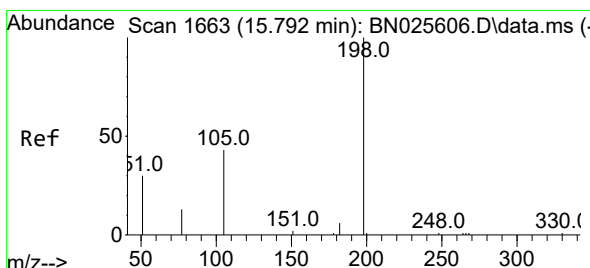
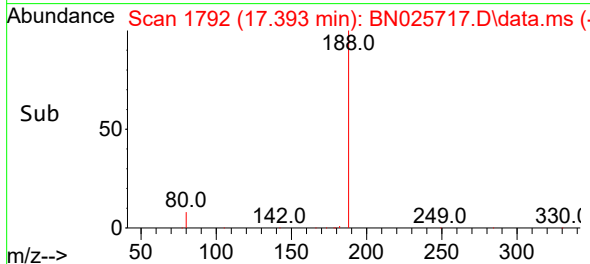
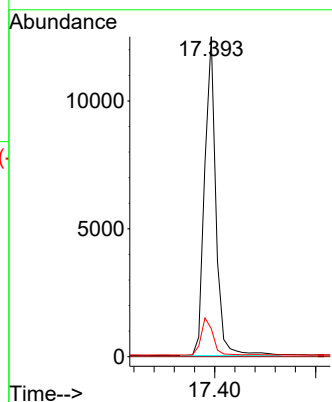
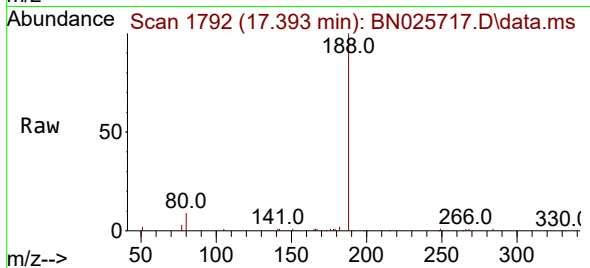
Tgt Ion:188 Resp: 19436

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.8 12.2 18.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.522 ng

RT: 15.780 min Scan# 1662

Delta R.T. -0.012 min

Lab File: BN025717.D

Acq: 30 May 2023 13:24

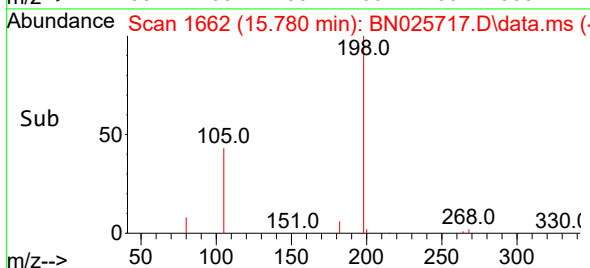
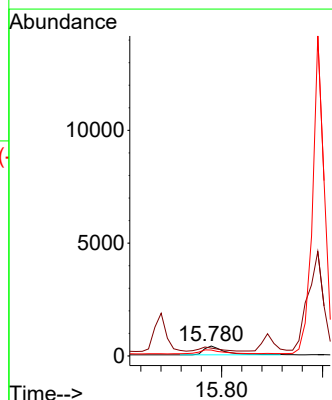
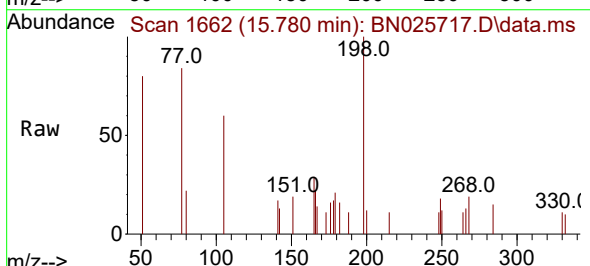
Tgt Ion:198 Resp: 1110

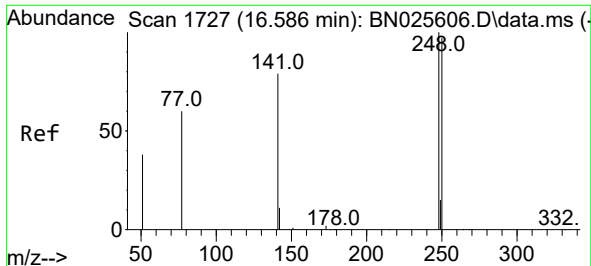
Ion Ratio Lower Upper

198 100

51 79.6 110.8 166.2#

105 59.7 61.9 92.9#

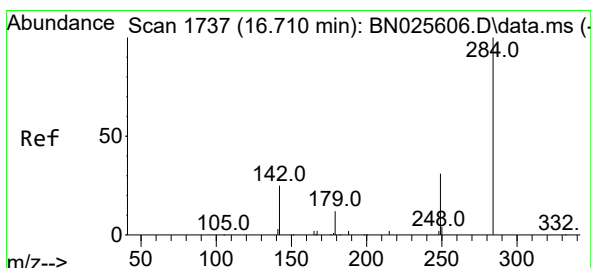
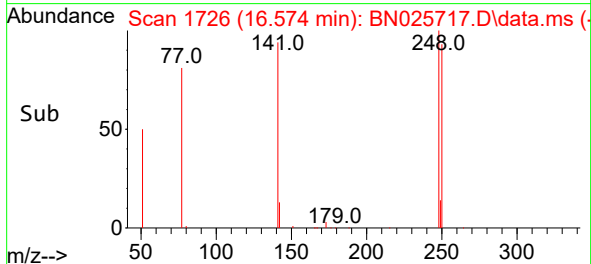
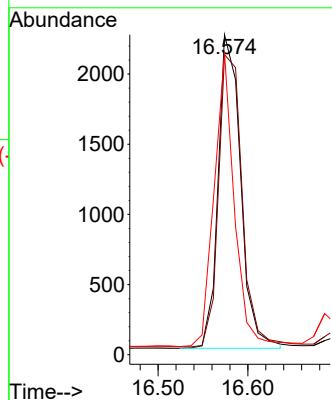
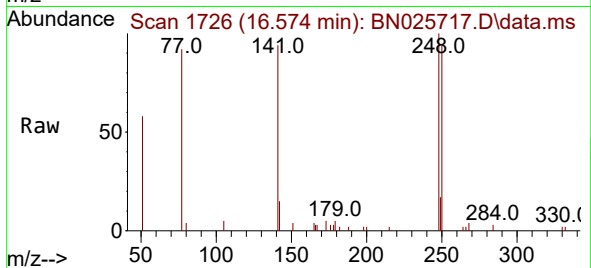




#21
4-Bromophenyl-phenylether
Concen: 0.353 ng
RT: 16.574 min Scan# 1726
Delta R.T. -0.013 min
Lab File: BN025717.D
Acq: 30 May 2023 13:24

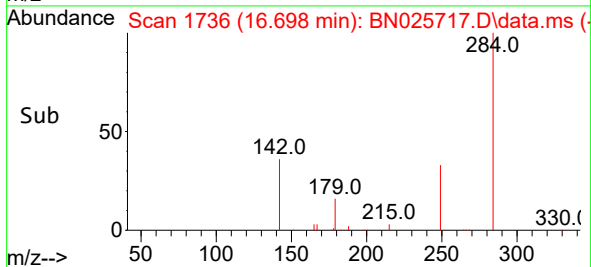
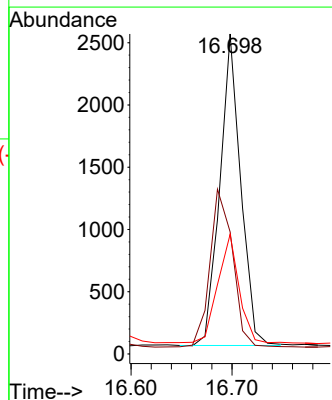
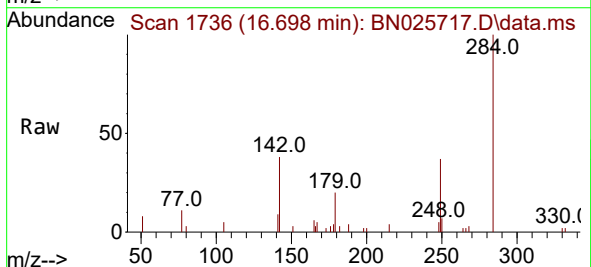
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MS

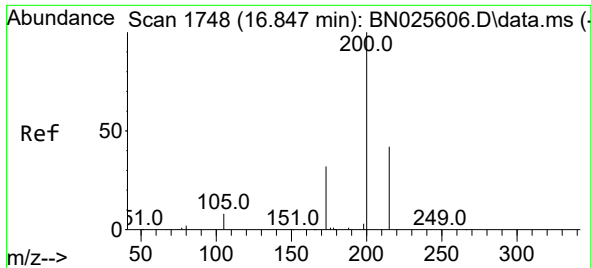
Tgt Ion:248 Resp: 3896
Ion Ratio Lower Upper
248 100
250 93.8 77.5 116.3
141 94.5 64.0 96.0



#22
Hexachlorobenzene
Concen: 0.357 ng
RT: 16.698 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN025717.D
Acq: 30 May 2023 13:24

Tgt Ion:284 Resp: 3596
Ion Ratio Lower Upper
284 100
142 55.0 42.0 63.0
249 35.0 28.6 43.0

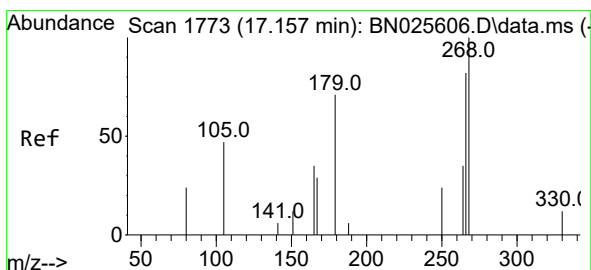
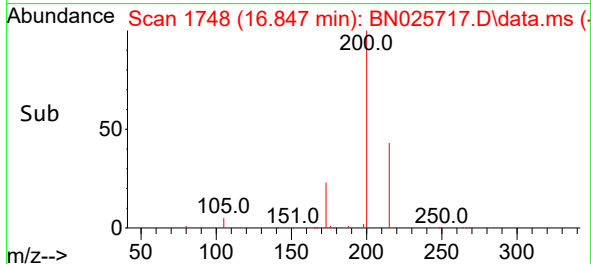
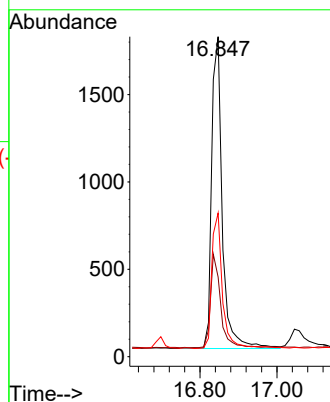
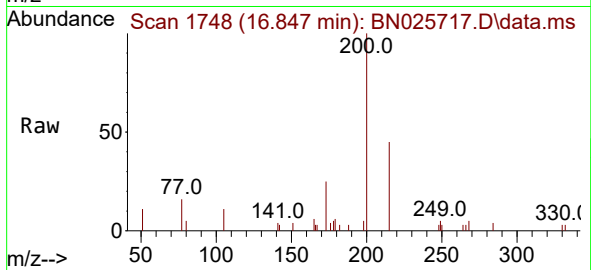




#23
Atrazine
Concen: 0.387 ng
RT: 16.847 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BN025717.D
Acq: 30 May 2023 13:24

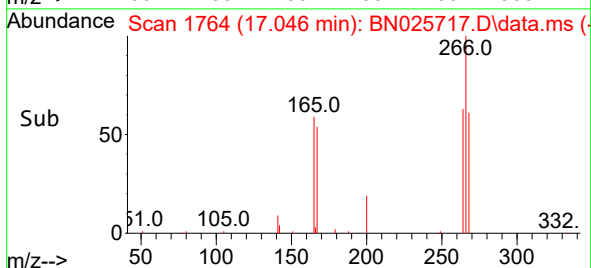
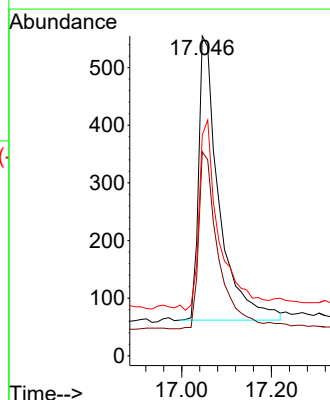
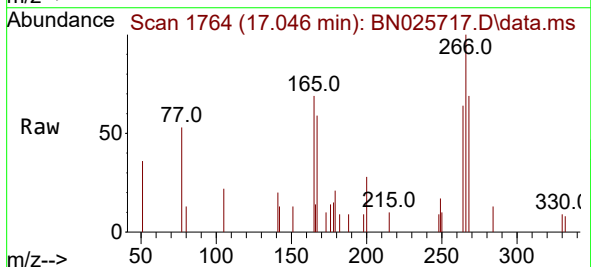
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MS

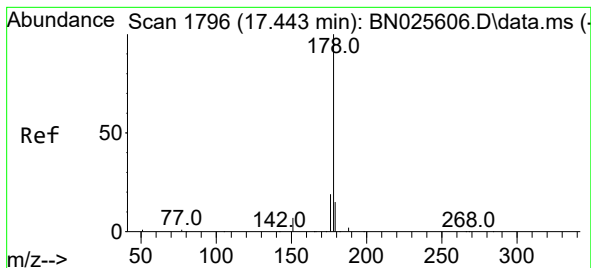
Tgt Ion:200 Resp: 3407
Ion Ratio Lower Upper
200 100
173 24.9 27.9 41.9#
215 44.9 35.1 52.7



#24
Pentachlorophenol
Concen: 1.229 ng
RT: 17.046 min Scan# 1764
Delta R.T. -0.025 min
Lab File: BN025717.D
Acq: 30 May 2023 13:24

Tgt Ion:266 Resp: 1553
Ion Ratio Lower Upper
266 100
264 60.9 60.0 90.0
268 66.6 0.0 0.0#





#25

Phenanthrene

Concen: 0.370 ng

RT: 17.430 min Scan# 1796

Delta R.T. -0.000 min

Lab File: BN025717.D

Acq: 30 May 2023 13:24

Instrument :

BNA_N

ClientSampleId :

GM38-RW3-MW1-20230523MS

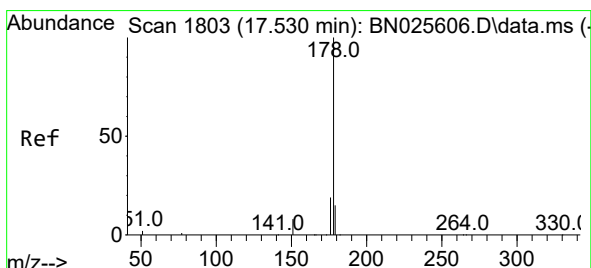
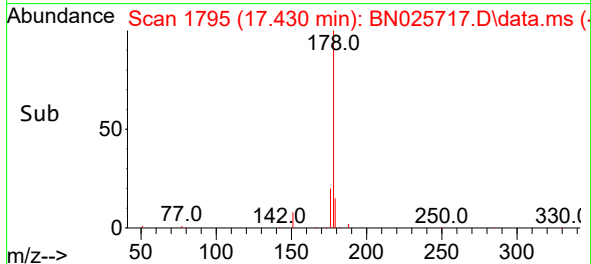
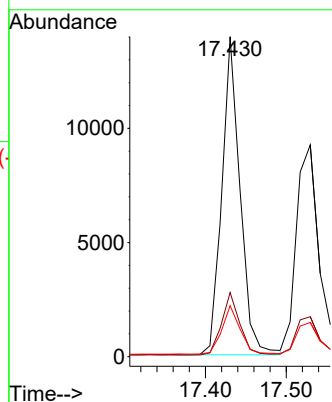
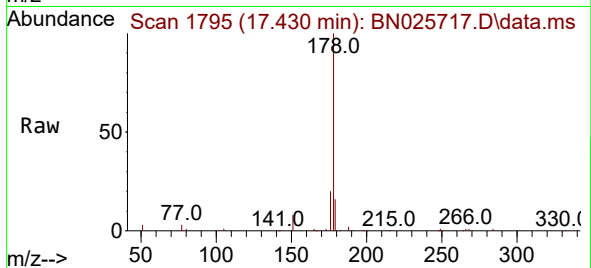
Tgt Ion:178 Resp: 21910

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.5 12.6 19.0



#26

Anthracene

Concen: 0.343 ng

RT: 17.530 min Scan# 1803

Delta R.T. -0.000 min

Lab File: BN025717.D

Acq: 30 May 2023 13:24

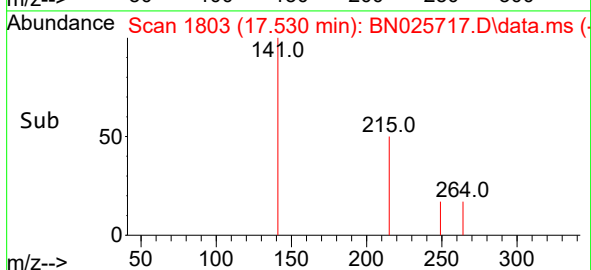
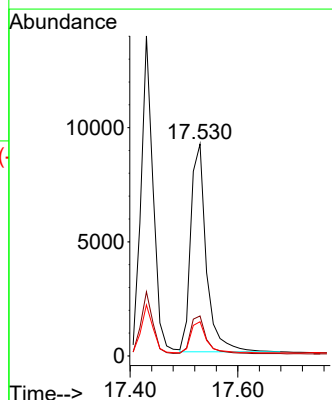
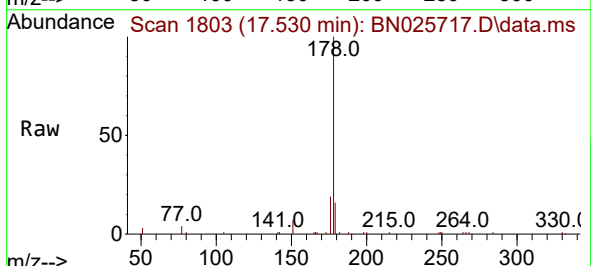
Tgt Ion:178 Resp: 18346

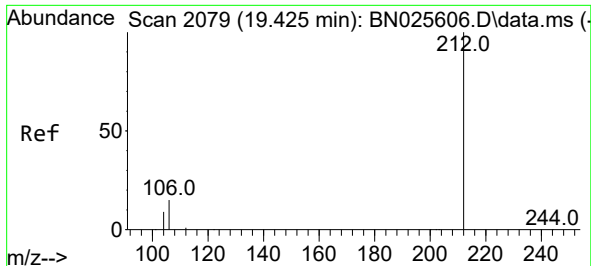
Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

179 15.3 12.2 18.2

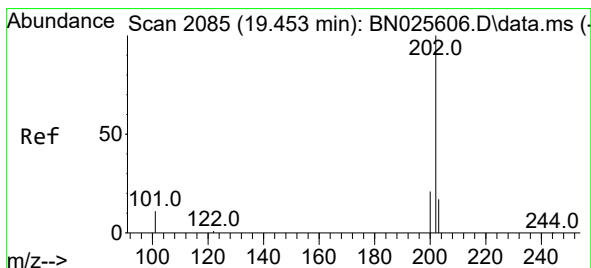
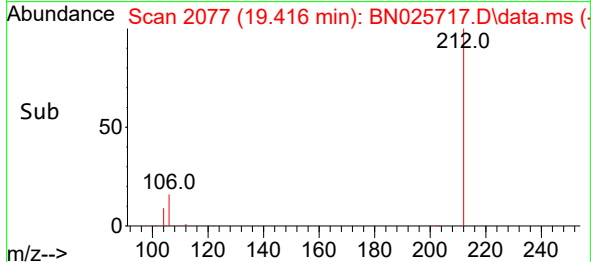
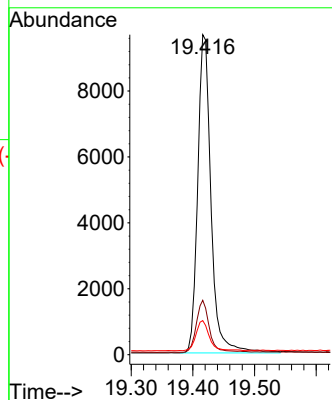
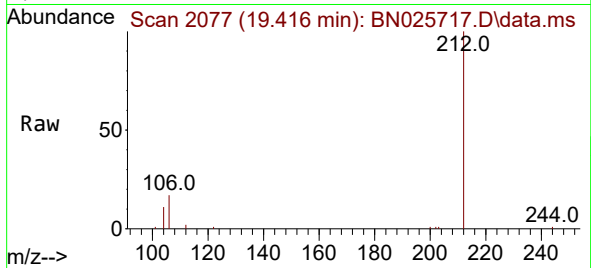




#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.416 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BN025717.D
Acq: 30 May 2023 13:24

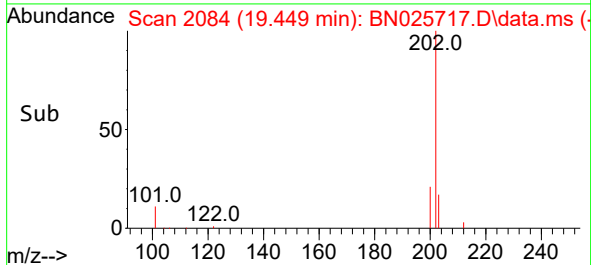
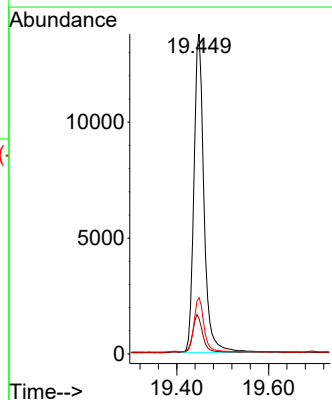
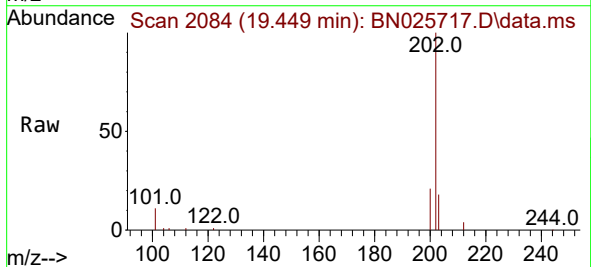
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MS

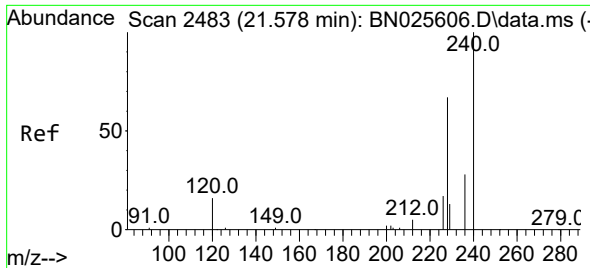
Tgt Ion:212 Resp: 14547
Ion Ratio Lower Upper
212 100
106 16.0 12.3 18.5
104 9.5 7.2 10.8



#28
Fluoranthene
Concen: 0.323 ng
RT: 19.449 min Scan# 2084
Delta R.T. -0.005 min
Lab File: BN025717.D
Acq: 30 May 2023 13:24

Tgt Ion:202 Resp: 20834
Ion Ratio Lower Upper
202 100
101 12.0 9.2 13.8
203 17.1 13.3 19.9

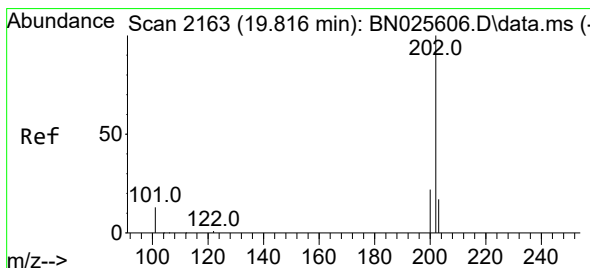
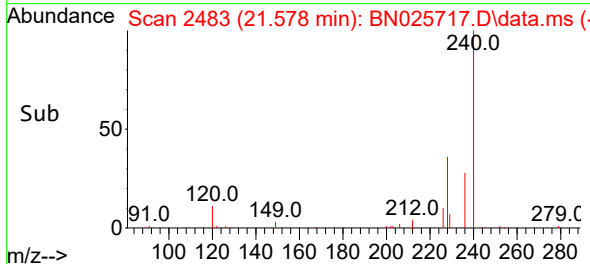
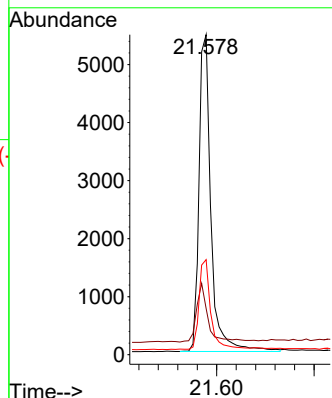
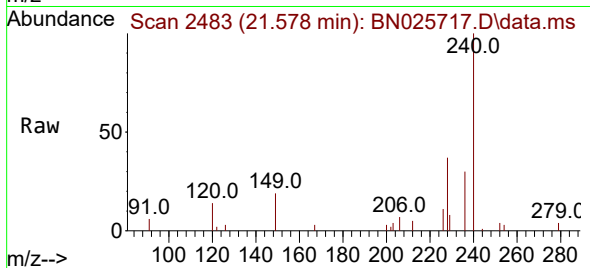




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN025717.D
Acq: 30 May 2023 13:24

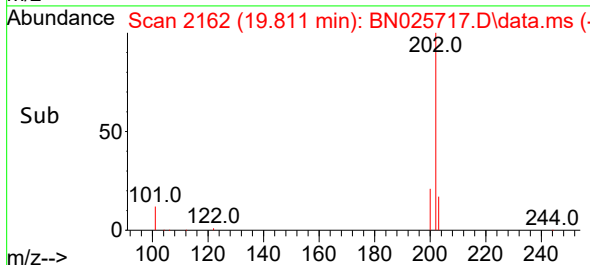
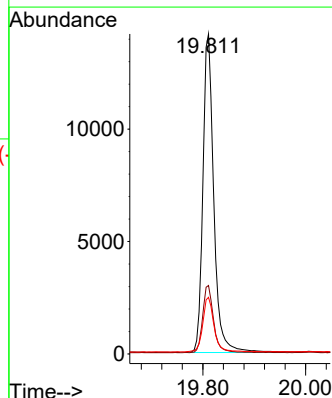
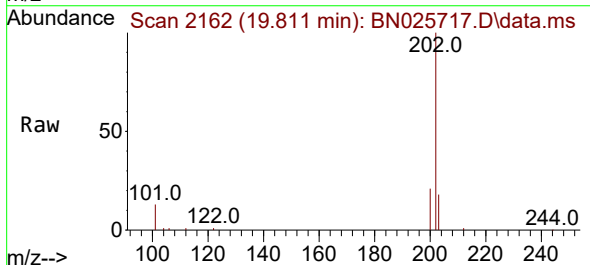
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MS

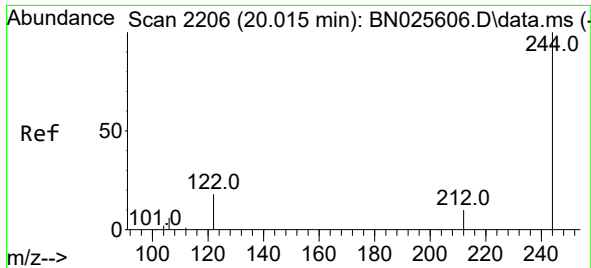
Tgt Ion:240 Resp: 9266
Ion Ratio Lower Upper
240 100
120 14.4 15.4 23.0#
236 29.7 23.2 34.8



#30
Pyrene
Concen: 0.463 ng
RT: 19.811 min Scan# 2162
Delta R.T. -0.005 min
Lab File: BN025717.D
Acq: 30 May 2023 13:24

Tgt Ion:202 Resp: 20874
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 17.6 14.5 21.7

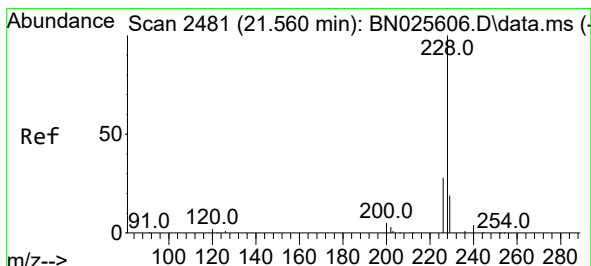
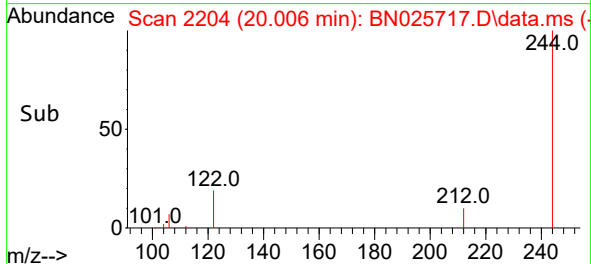
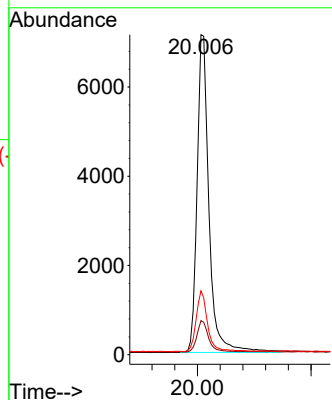
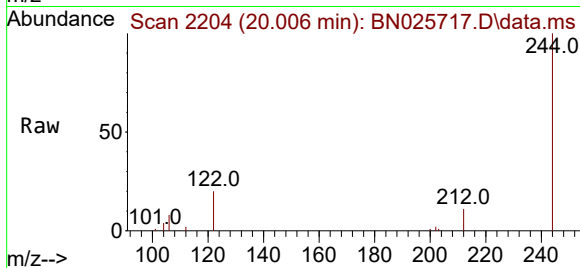




#31
Terphenyl-d14
Concen: 0.509 ng
RT: 20.006 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN025717.D
Acq: 30 May 2023 13:24

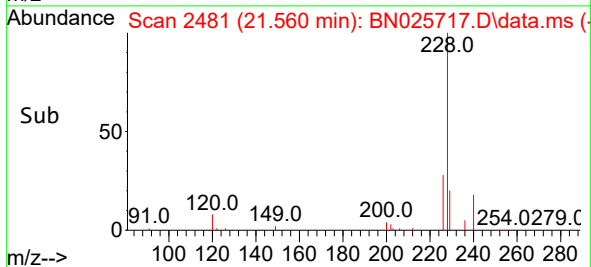
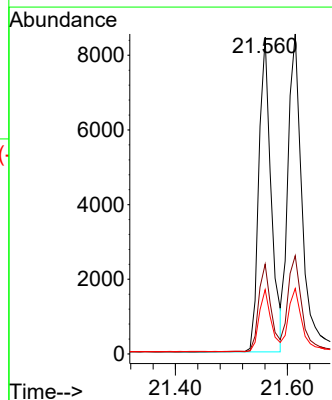
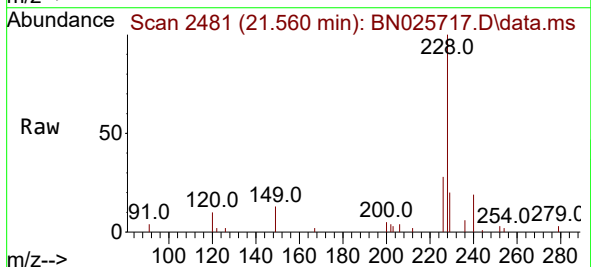
Instrument :
BNA_N
ClientSampleId :
GM38-RW3-MW1-20230523MS

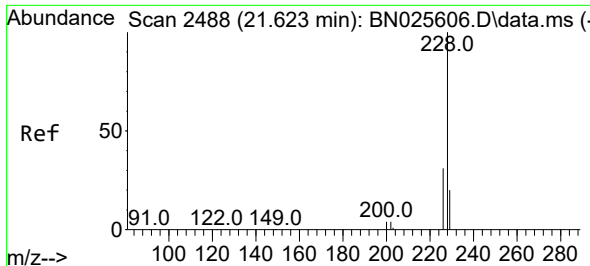
Tgt Ion:244 Resp: 10335
Ion Ratio Lower Upper
244 100
212 10.7 8.5 12.7
122 20.0 14.9 22.3



#32
Benzo(a)anthracene
Concen: 0.374 ng
RT: 21.560 min Scan# 2481
Delta R.T. -0.000 min
Lab File: BN025717.D
Acq: 30 May 2023 13:24

Tgt Ion:228 Resp: 12909
Ion Ratio Lower Upper
228 100
226 28.3 22.9 34.3
229 20.3 15.9 23.9





#33

Chrysene

Concen: 0.385 ng

RT: 21.614 min Scan# 2488

Delta R.T. -0.000 min

Lab File: BN025717.D

Acq: 30 May 2023 13:24

Instrument :

BNA_N

ClientSampleId :

GM38-RW3-MW1-20230523MS

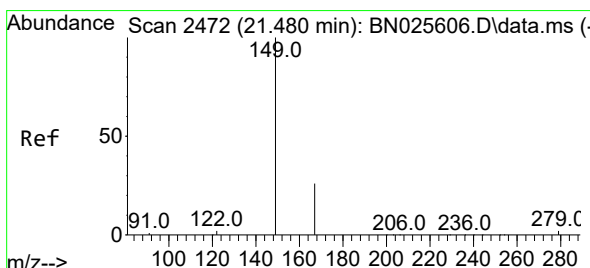
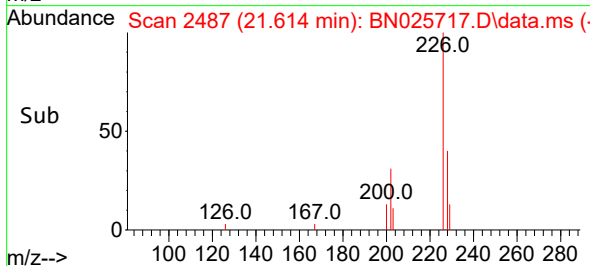
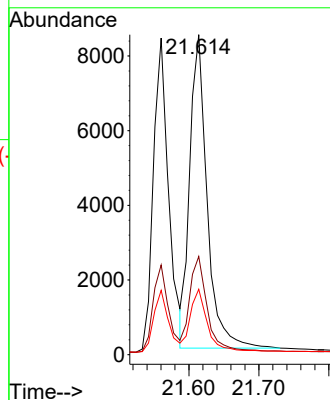
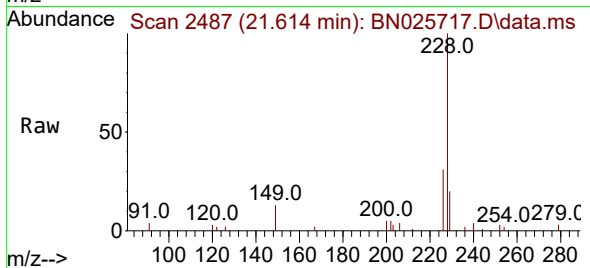
Tgt Ion:228 Resp: 14436

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 20.4 16.2 24.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.389 ng

RT: 21.471 min Scan# 2471

Delta R.T. -0.000 min

Lab File: BN025717.D

Acq: 30 May 2023 13:24

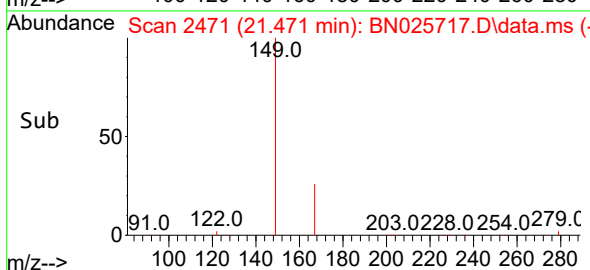
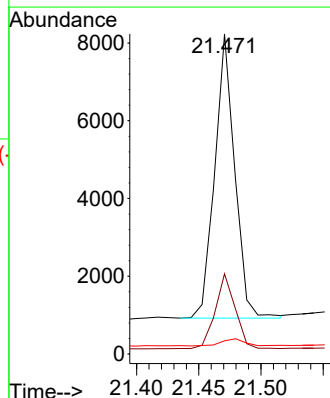
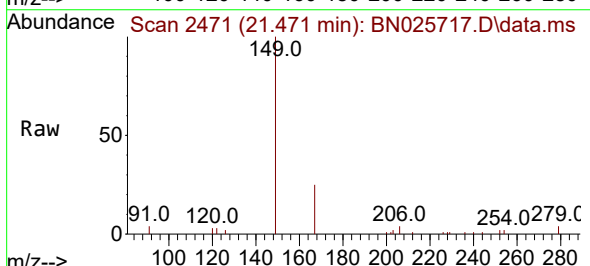
Tgt Ion:149 Resp: 8174

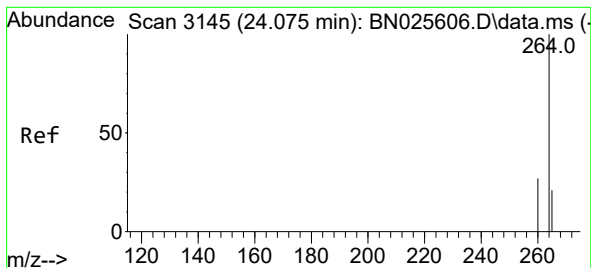
Ion Ratio Lower Upper

149 100

167 26.6 20.4 30.6

279 3.0 3.3 4.9#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.054 min Scan# 31

Delta R.T. -0.015 min

Lab File: BN025717.D

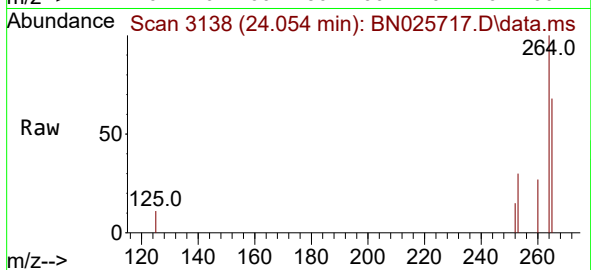
Acq: 30 May 2023 13:24

Instrument :

BNA_N

ClientSampleId :

GM38-RW3-MW1-20230523MS



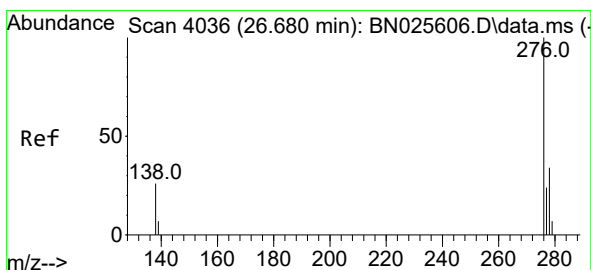
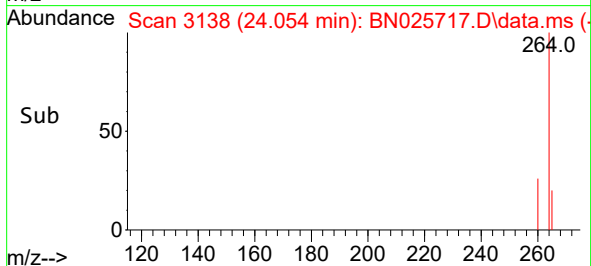
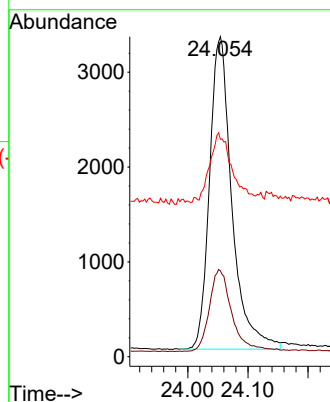
Tgt Ion:264 Resp: 8496

Ion Ratio Lower Upper

264 100

260 26.8 22.3 33.5

265 67.9 54.3 81.5



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.452 ng

RT: 26.636 min Scan# 4021

Delta R.T. -0.044 min

Lab File: BN025717.D

Acq: 30 May 2023 13:24

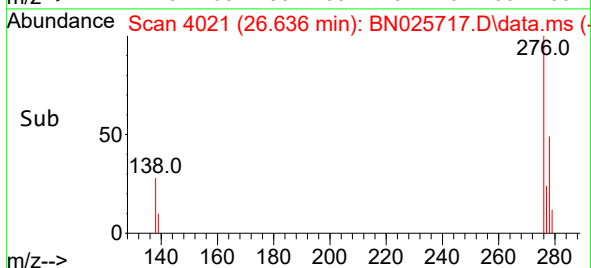
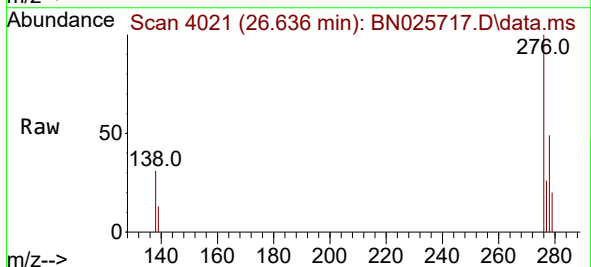
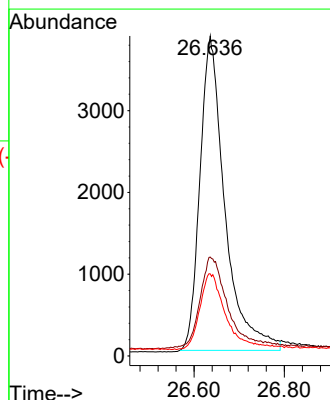
Tgt Ion:276 Resp: 14733

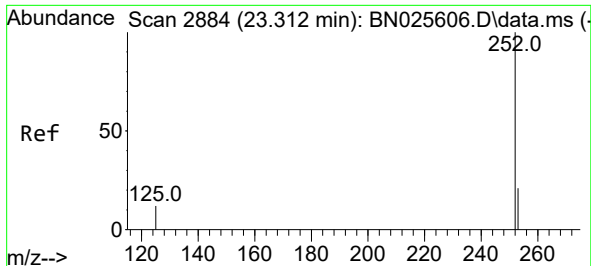
Ion Ratio Lower Upper

276 100

138 29.7 10.5 15.7#

277 24.4 9.2 13.8#





#37

Benzo(b)fluoranthene

Concen: 0.396 ng

RT: 23.291 min Scan# 21

Delta R.T. -0.012 min

Lab File: BN025717.D

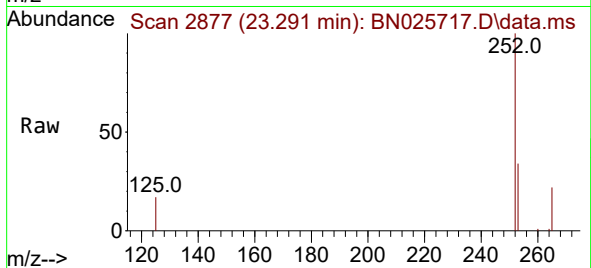
Acq: 30 May 2023 13:24

Instrument :

BNA_N

ClientSampleId :

GM38-RW3-MW1-20230523MS



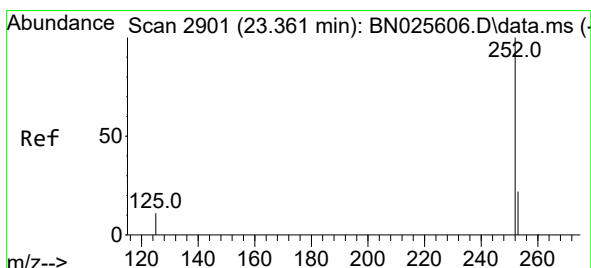
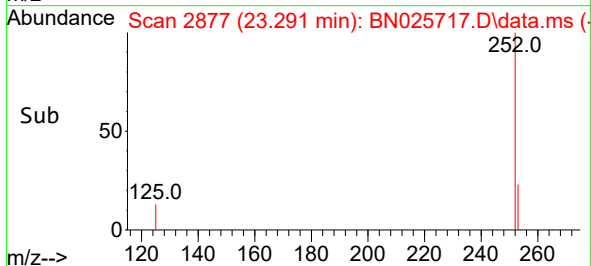
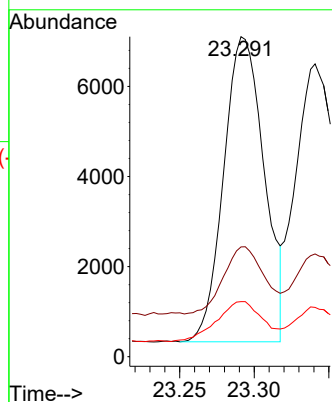
Tgt Ion:252 Resp: 12809

Ion Ratio Lower Upper

252 100

253 34.3 26.2 39.4

125 17.2 12.9 19.3



#38

Benzo(k)fluoranthene

Concen: 0.371 ng

RT: 23.341 min Scan# 2894

Delta R.T. -0.015 min

Lab File: BN025717.D

Acq: 30 May 2023 13:24

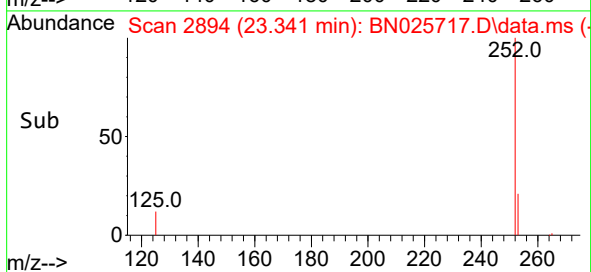
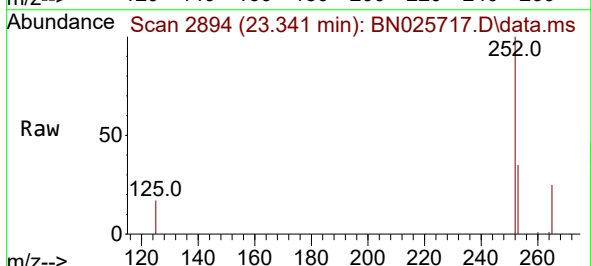
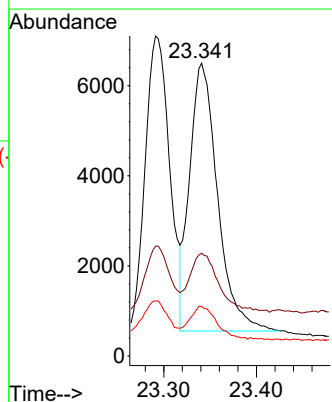
Tgt Ion:252 Resp: 12504

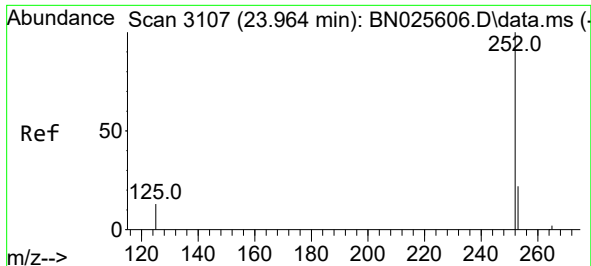
Ion Ratio Lower Upper

252 100

253 35.1 26.1 39.1

125 16.8 12.5 18.7





#39

Benzo(a)pyrene

Concen: 0.344 ng

RT: 23.940 min Scan# 30

Delta R.T. -0.015 min

Lab File: BN025717.D

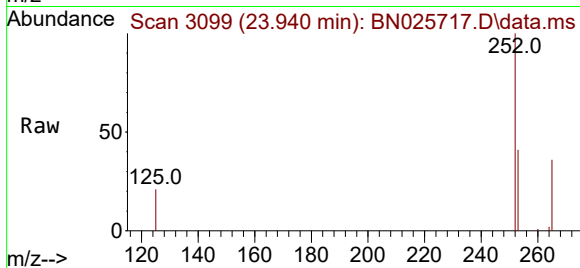
Acq: 30 May 2023 13:24

Instrument :

BNA_N

ClientSampleId :

GM38-RW3-MW1-20230523MS



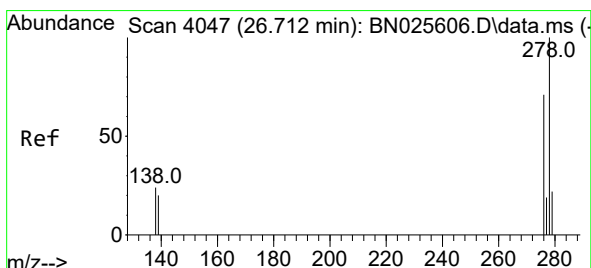
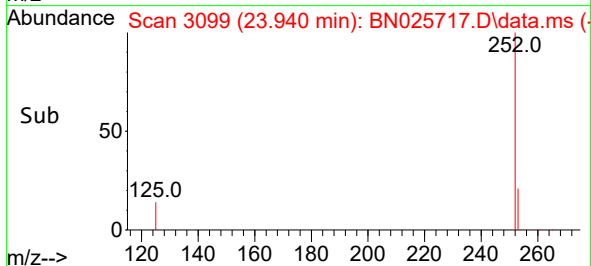
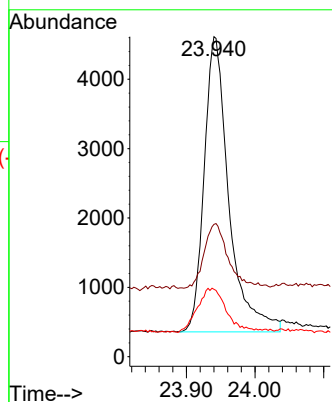
Tgt Ion:252 Resp: 10640

Ion Ratio Lower Upper

252 100

253 41.4 30.2 45.2

125 21.1 14.8 22.2



#40

Dibenzo(a,h)anthracene

Concen: 0.436 ng

RT: 26.656 min Scan# 4028

Delta R.T. -0.047 min

Lab File: BN025717.D

Acq: 30 May 2023 13:24

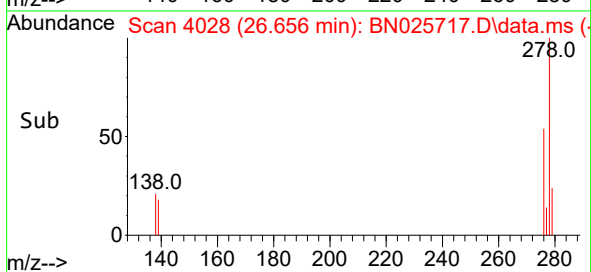
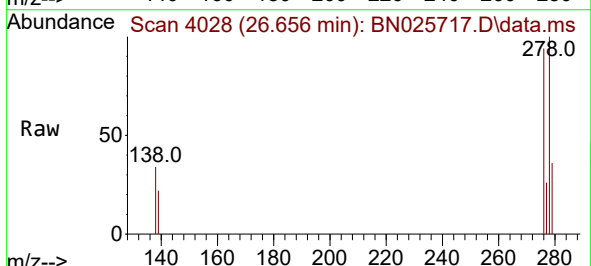
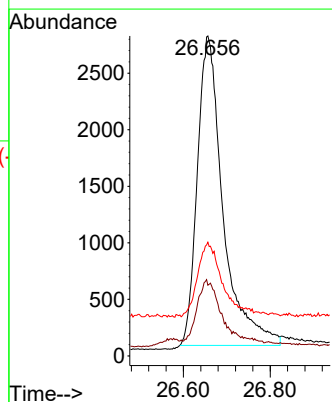
Tgt Ion:278 Resp: 11252

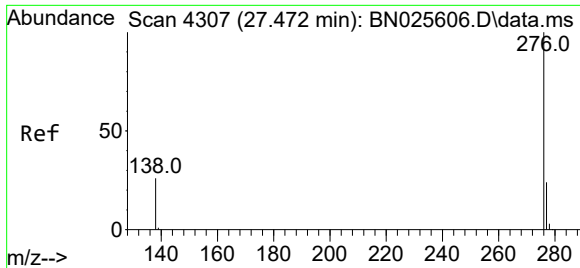
Ion Ratio Lower Upper

278 100

139 22.1 18.6 28.0

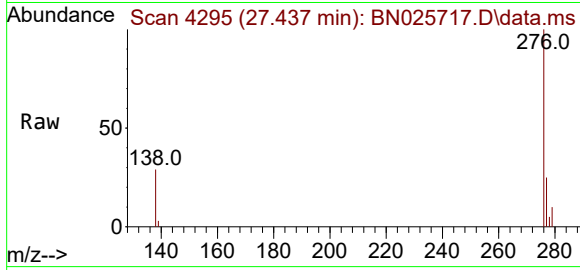
279 35.6 27.8 41.8





#41
 Benzo(g,h,i)perylene
 Concen: 0.461 ng
 RT: 27.437 min Scan# 41
 Delta R.T. -0.032 min
 Lab File: BN025717.D
 Acq: 30 May 2023 13:24

Instrument :
 BNA_N
 ClientSampleId :
 GM38-RW3-MW1-20230523MS



Tgt Ion:276 Resp: 13584
 Ion Ratio Lower Upper
 276 100
 277 25.5 21.4 32.0
 138 29.2 22.8 34.2

