

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
 Data File : BN026752.D
 Acq On : 25 Jul 2023 18:44
 Operator : MA/JU
 Sample : 03709-03
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

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

Quant Time: Jul 26 05:43:05 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

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

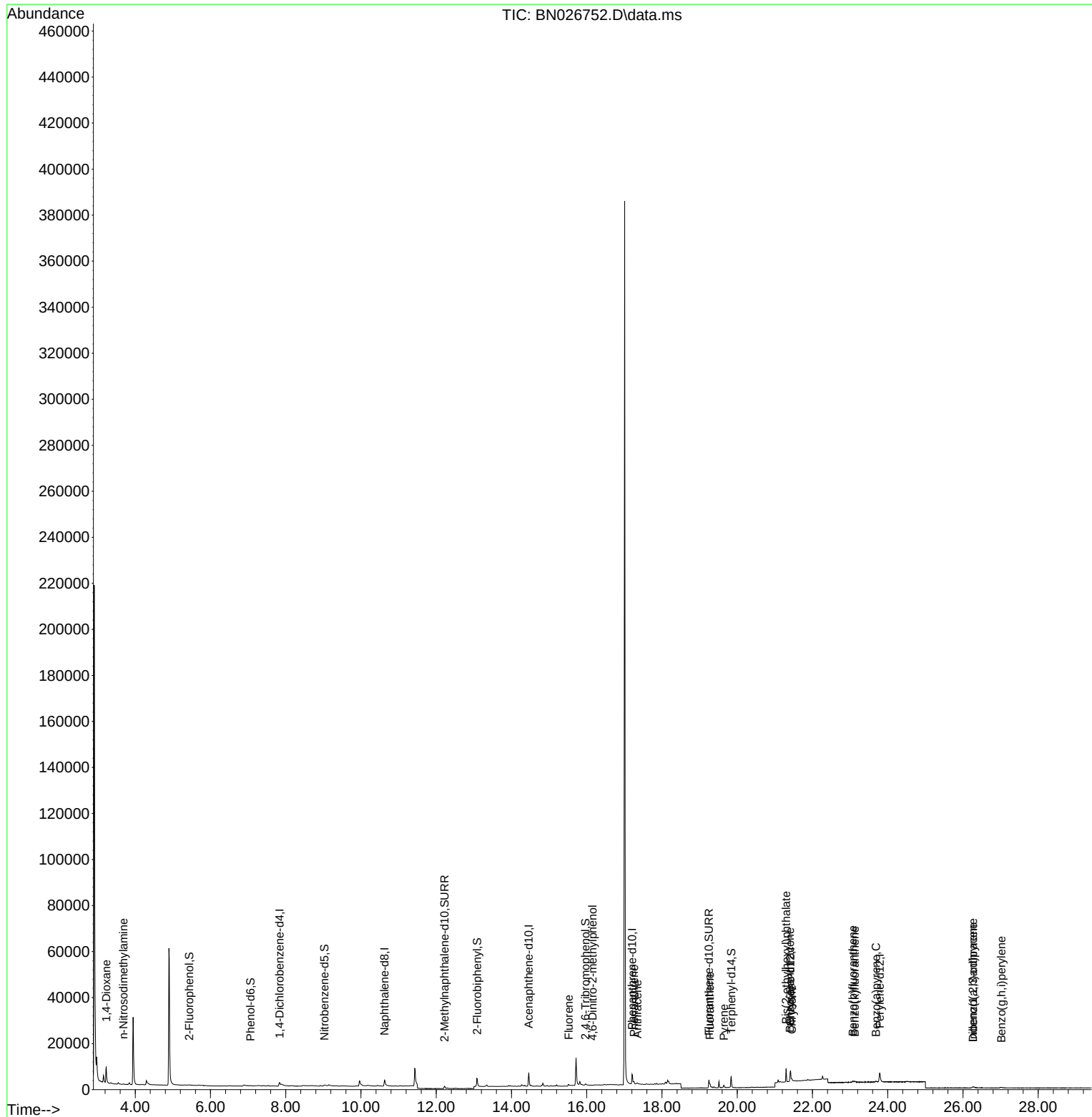
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	1417	0.400	ng	0.00
7) Naphthalene-d8	10.628	136	4965	0.400	ng	# 0.00
13) Acenaphthene-d10	14.459	164	3563	0.400	ng	0.00
19) Phenanthrene-d10	17.207	188	7390	0.400	ng	#-0.01
29) Chrysene-d12	21.417	240	5748	0.400	ng	# 0.00
35) Perylene-d12	23.788	264	6775	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.437	112	314	0.091	ng	0.02
5) Phenol-d6	7.062	99	161	0.037	ng	0.02
8) Nitrobenzene-d5	9.027	82	675	0.159	ng	-0.01
11) 2-Methylnaphthalene-d10	12.222	152	2011	0.277	ng	0.00
14) 2,4,6-Tribromophenol	15.966	330	440	0.339	ng	-0.01
15) 2-Fluorobiphenyl	13.090	172	3878	0.282	ng	-0.01
27) Fluoranthene-d10	19.249	212	4870	0.311	ng	0.00
31) Terphenyl-d14	19.843	244	4657	0.317	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.227	88	4953	3.304	ng	# 88
3) n-Nitrosodimethylamine	3.689	42	56	0.037	ng	# 1
18) Fluorene	15.519	166	423	0.030	ng	# 94
20) 4,6-Dinitro-2-methylph...	16.152	198	4	0.062	ng	# 1
25) Phenanthrene	17.256	178	1217	0.056	ng	96
26) Anthracene	17.343	178	667	0.034	ng	96
28) Fluoranthene	19.277	202	1332	0.059	ng	# 63
30) Pyrene	19.644	202	1309	0.041	ng	98
32) Benzo(a)anthracene	21.399	228	881	0.043	ng	# 79
33) Chrysene	21.453	228	904	0.039	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.300	149	5082	0.275	ng	# 95
36) Indeno(1,2,3-cd)pyrene	26.270	276	1004	0.036	ng	# 58
37) Benzo(b)fluoranthene	23.075	252	1000	0.041	ng	# 24
38) Benzo(k)fluoranthene	23.124	252	842	0.032	ng	# 16
39) Benzo(a)pyrene	23.691	252	837	0.035	ng	# 10
40) Dibenzo(a,h)anthracene	26.270	278	661	0.030	ng	# 1
41) Benzo(g,h,i)perylene	27.019	276	854	0.034	ng	# 57

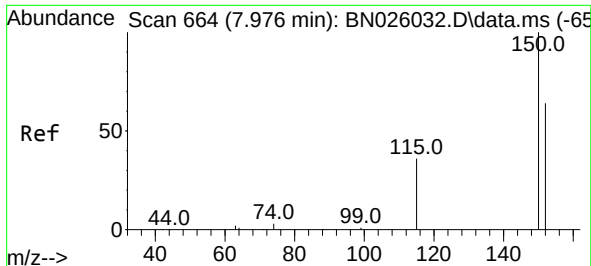
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
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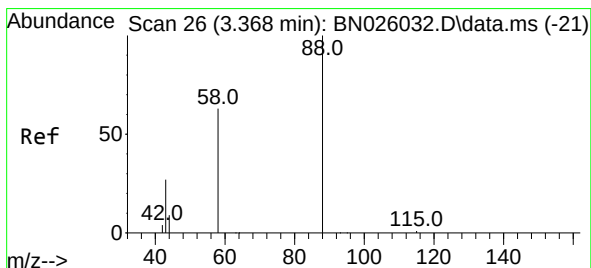
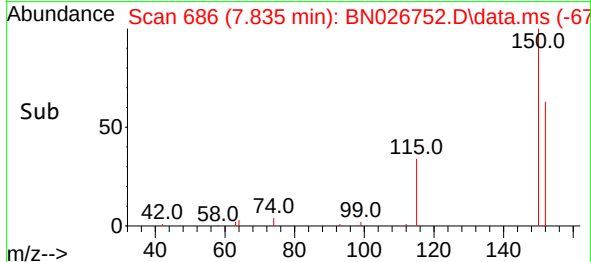
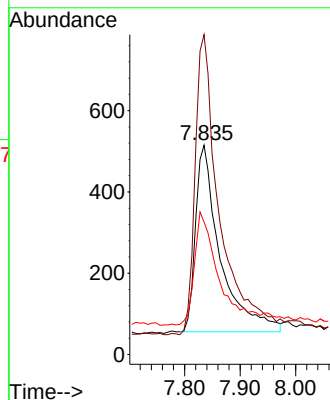
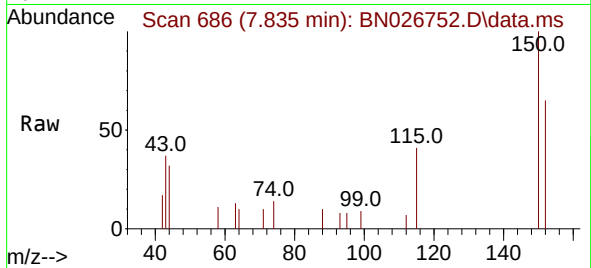




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.835 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN026752.D
 Acq: 25 Jul 2023 18:44

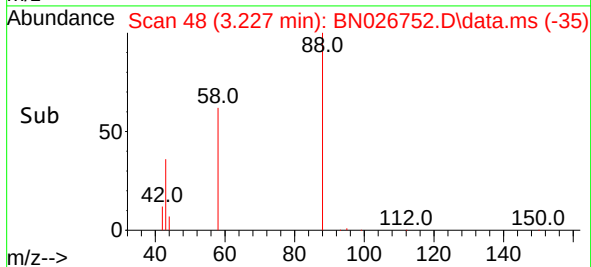
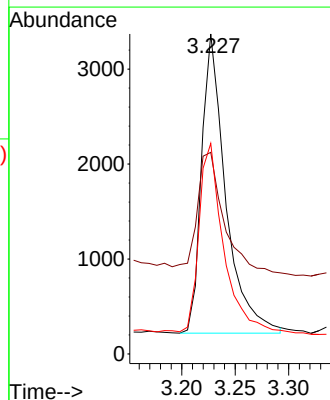
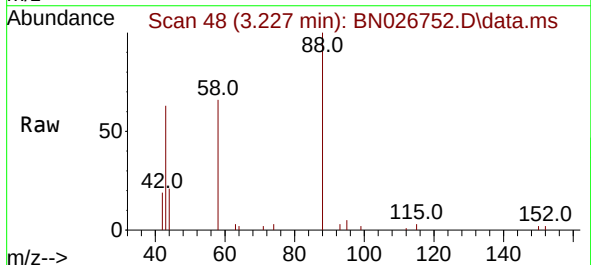
Instrument :
 BNA_N
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 GWBR-04-400-415-072023

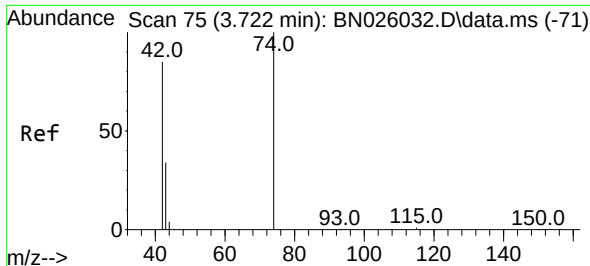
Tgt Ion:152 Resp: 1417
 Ion Ratio Lower Upper
 152 100
 150 152.8 124.7 187.1
 115 63.3 48.2 72.4



#2
 1,4-Dioxane
 Concen: 3.304 ng
 RT: 3.227 min Scan# 48
 Delta R.T. -0.007 min
 Lab File: BN026752.D
 Acq: 25 Jul 2023 18:44

Tgt Ion: 88 Resp: 4953
 Ion Ratio Lower Upper
 88 100
 43 44.3 24.2 36.4#
 58 61.7 53.3 79.9

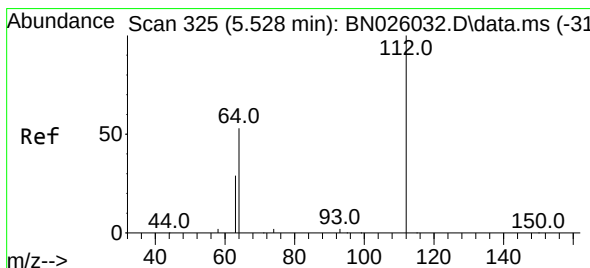
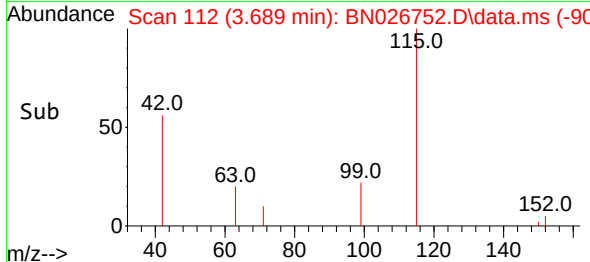
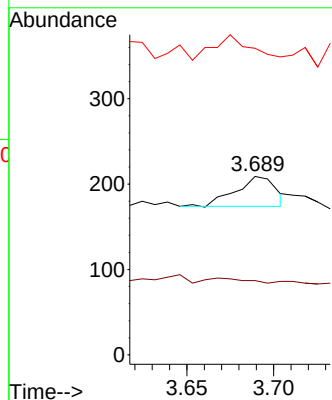
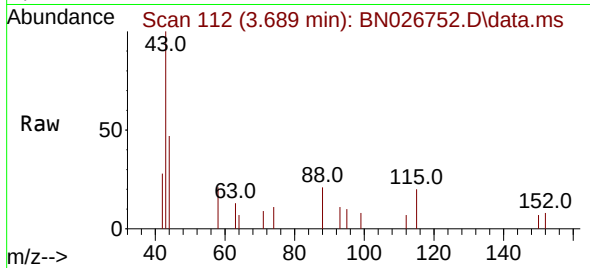




#3
 n-Nitrosodimethylamine
 Concen: 0.037 ng
 RT: 3.689 min Scan# 112
 Delta R.T. 0.058 min
 Lab File: BN026752.D
 Acq: 25 Jul 2023 18:44

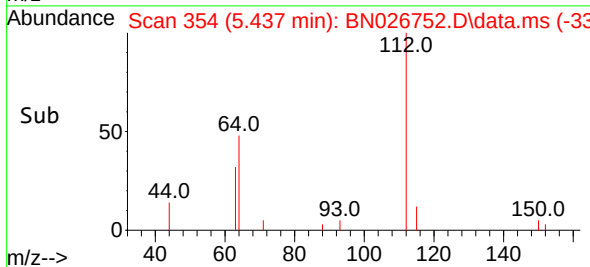
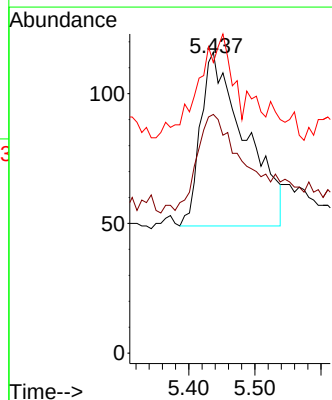
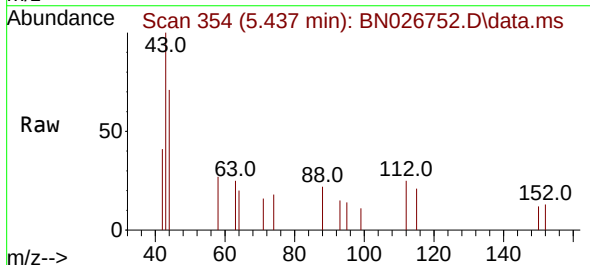
Instrument :
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 ClientSampleId :
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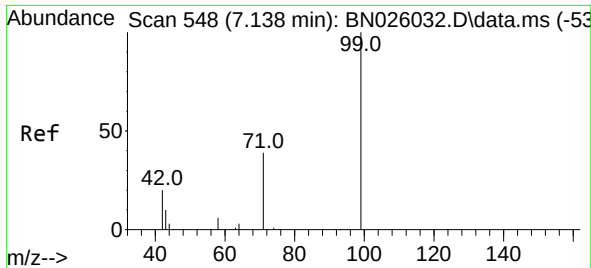
Tgt Ion: 42 Resp: 56
 Ion Ratio Lower Upper
 42 100
 74 0.0 93.8 140.8#
 44 0.0 3.0 4.4#



#4
 2-Fluorophenol
 Concen: 0.091 ng
 RT: 5.437 min Scan# 354
 Delta R.T. 0.022 min
 Lab File: BN026752.D
 Acq: 25 Jul 2023 18:44

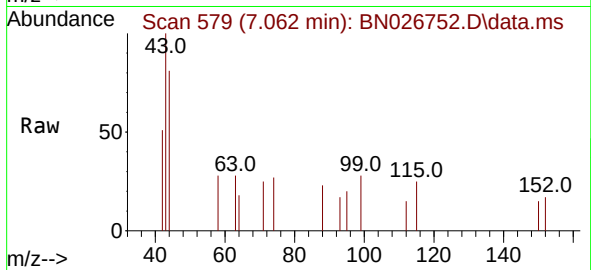
Tgt Ion: 112 Resp: 314
 Ion Ratio Lower Upper
 112 100
 64 59.2 45.8 68.6
 63 45.2 27.4 41.2#



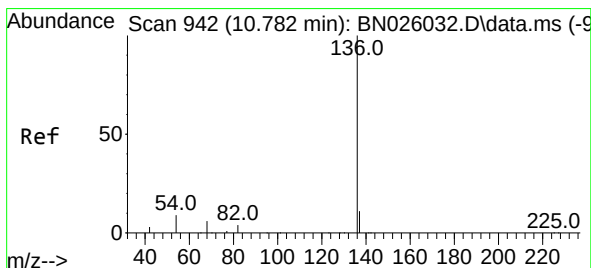
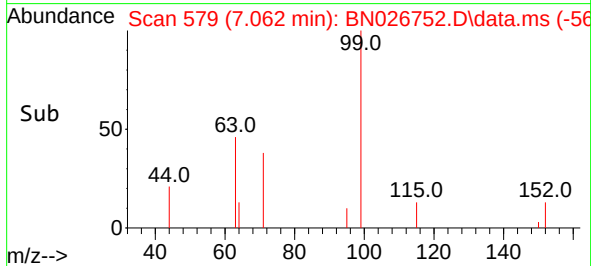


#5
Phenol-d6
Concen: 0.037 ng
RT: 7.062 min Scan# 51
Delta R.T. 0.022 min
Lab File: BN026752.D
Acq: 25 Jul 2023 18:44

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

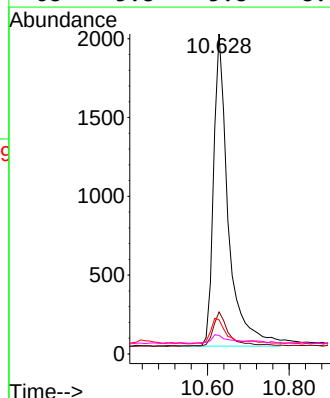
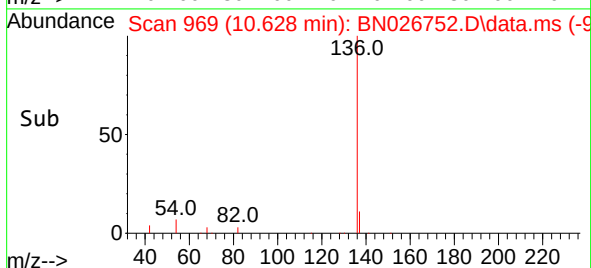
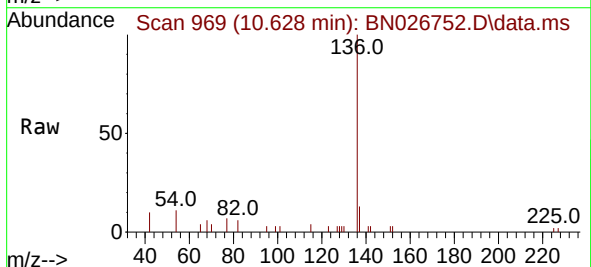


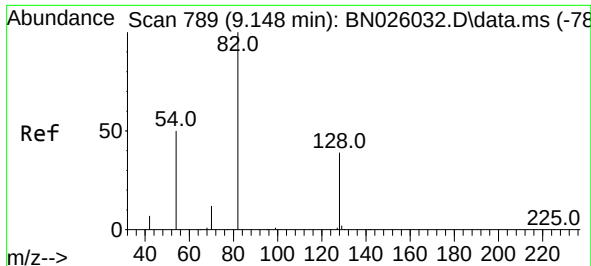
Tgt Ion: 99 Resp: 161
Ion Ratio Lower Upper
99 100
42 0.0 18.4 27.6#
71 56.5 30.6 46.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.628 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN026752.D
Acq: 25 Jul 2023 18:44

Tgt Ion: 136 Resp: 4965
Ion Ratio Lower Upper
136 100
137 13.2 9.0 13.4
54 10.6 7.8 11.6
68 5.8 5.8 8.8#

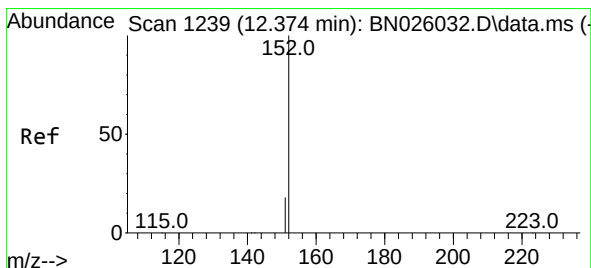
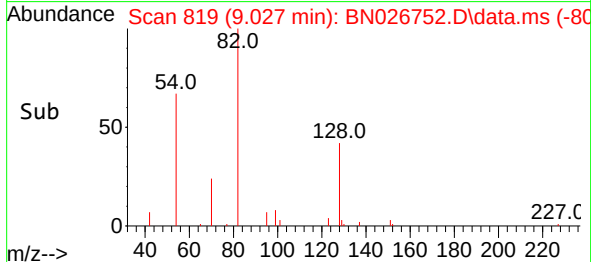
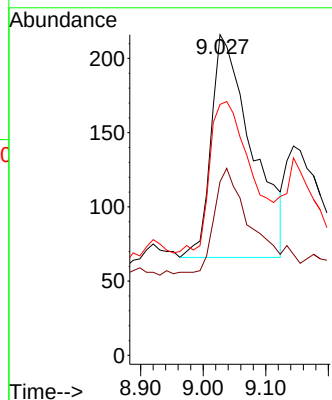
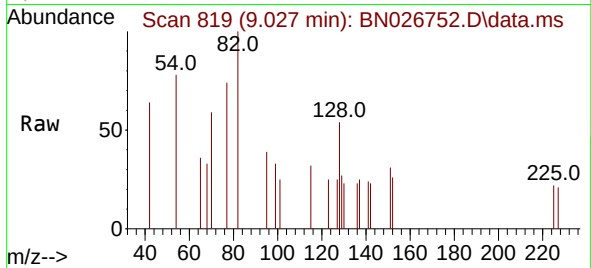




#8
Nitrobenzene-d5
Concen: 0.159 ng
RT: 9.027 min Scan# 81
Delta R.T. -0.011 min
Lab File: BN026752.D
Acq: 25 Jul 2023 18:44

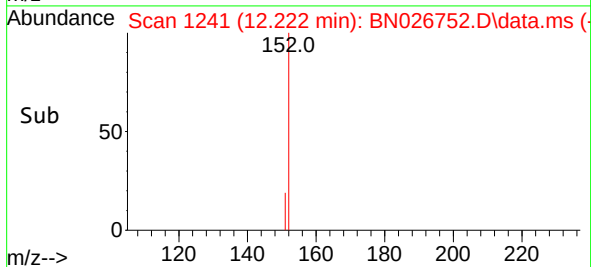
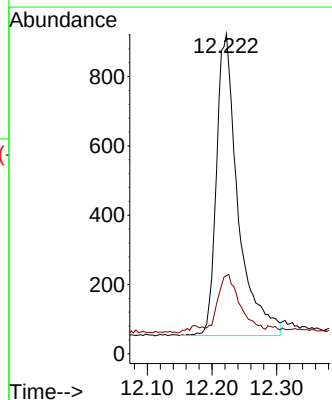
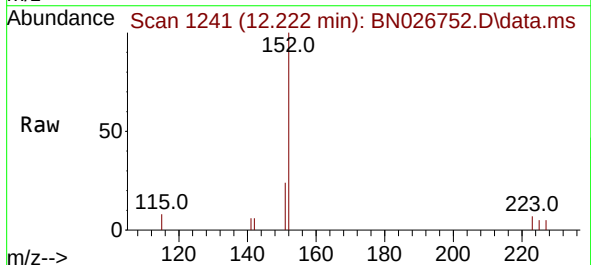
Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023

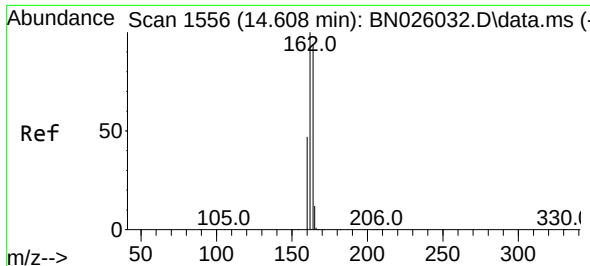
Tgt Ion: 82 Resp: 675
Ion Ratio Lower Upper
82 100
128 54.2 33.4 50.2#
54 78.2 41.7 62.5#



#11
2-Methylnaphthalene-d10
Concen: 0.277 ng
RT: 12.222 min Scan# 1241
Delta R.T. -0.008 min
Lab File: BN026752.D
Acq: 25 Jul 2023 18:44

Tgt Ion:152 Resp: 2011
Ion Ratio Lower Upper
152 100
151 18.8 16.2 24.2

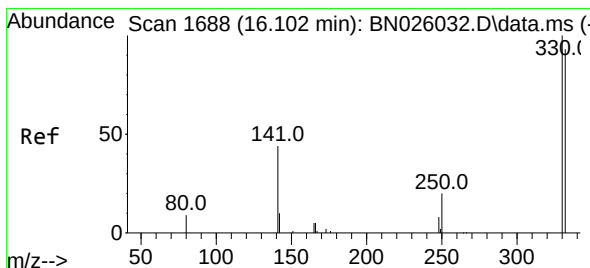
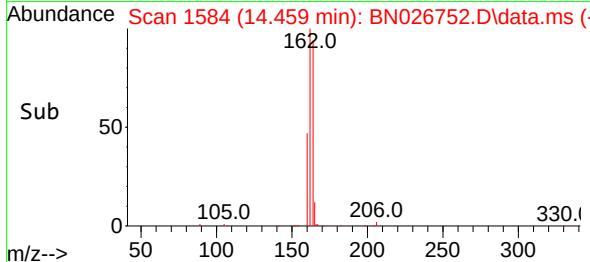
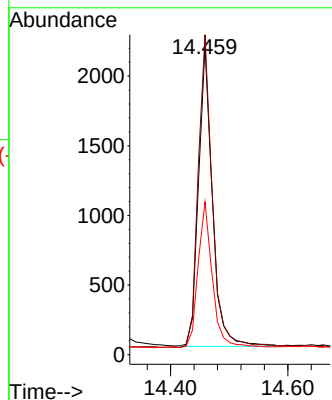
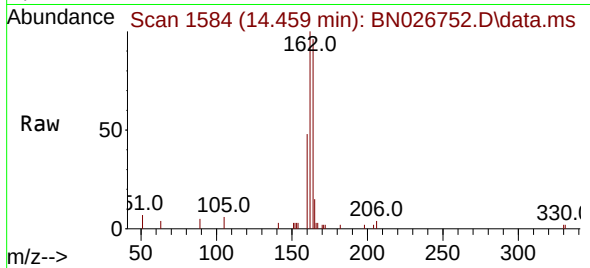




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.459 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN026752.D
Acq: 25 Jul 2023 18:44

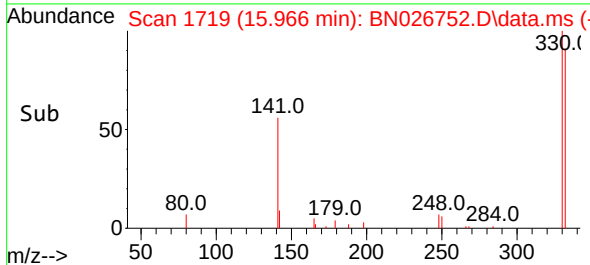
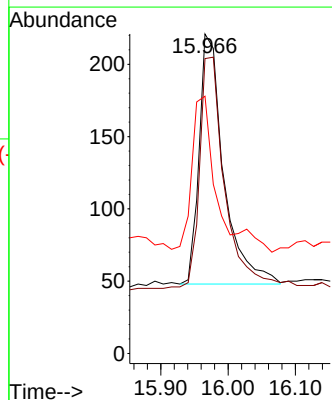
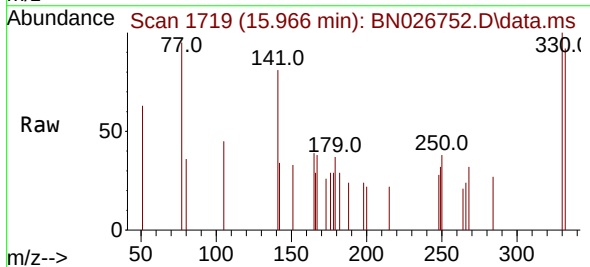
Instrument :
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ClientSampleId :
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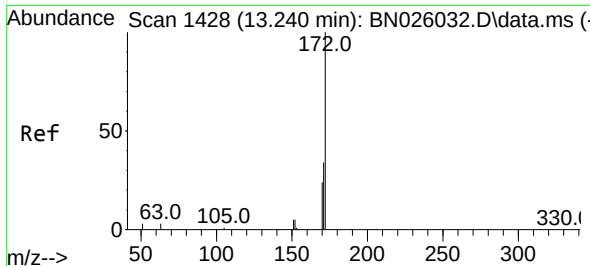
Tgt Ion:164 Resp: 3563
Ion Ratio Lower Upper
164 100
162 103.9 85.3 127.9
160 49.6 40.0 60.0



#14
2,4,6-Tribromophenol
Concen: 0.339 ng
RT: 15.966 min Scan# 1719
Delta R.T. -0.012 min
Lab File: BN026752.D
Acq: 25 Jul 2023 18:44

Tgt Ion:330 Resp: 440
Ion Ratio Lower Upper
330 100
332 94.8 76.0 114.0
141 62.7 42.8 64.2

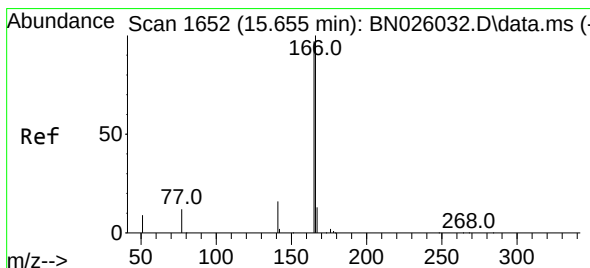
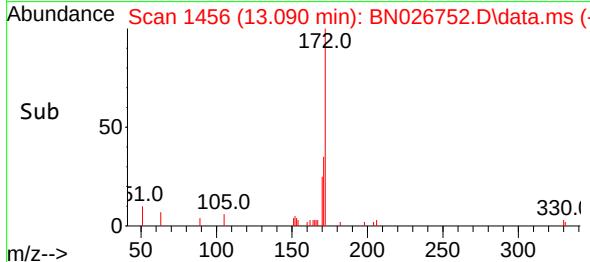
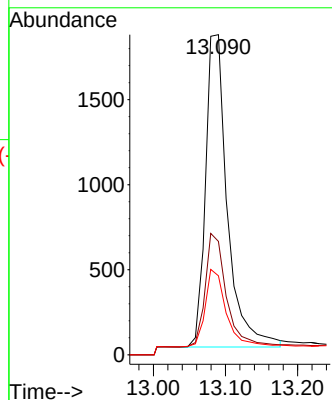
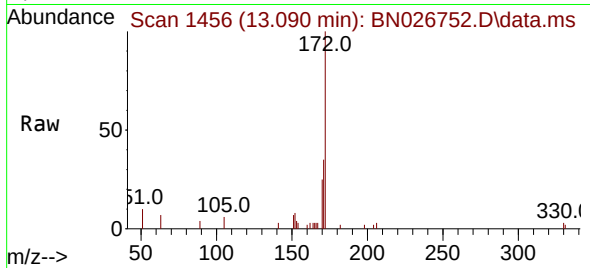




#15
2-Fluorobiphenyl
Concen: 0.282 ng
RT: 13.090 min Scan# 1428
Delta R.T. -0.011 min
Lab File: BN026752.D
Acq: 25 Jul 2023 18:44

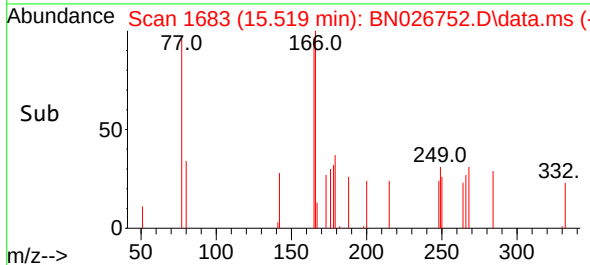
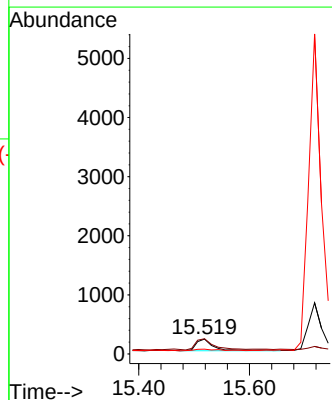
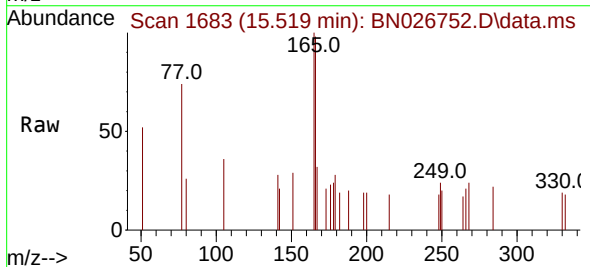
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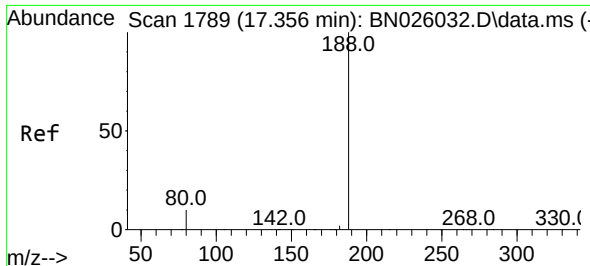
Tgt Ion:172	Resp:	3878
Ion Ratio	Lower	Upper
172	100	
171	35.4	27.8 41.8
170	24.7	19.3 28.9



#18
Fluorene
Concen: 0.030 ng
RT: 15.519 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BN026752.D
Acq: 25 Jul 2023 18:44

Tgt Ion:166	Resp:	423
Ion Ratio	Lower	Upper
166	100	
165	102.4	79.7 119.5
167	0.0	10.6 16.0

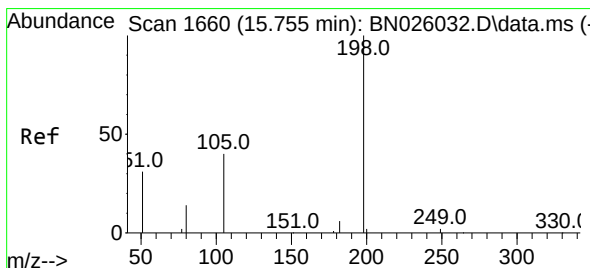
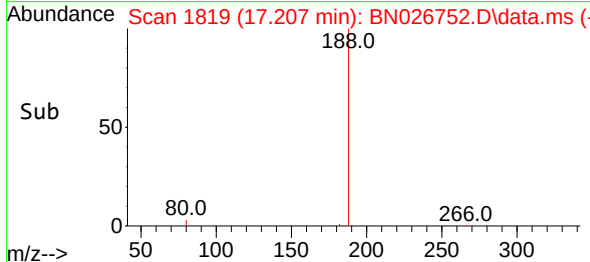
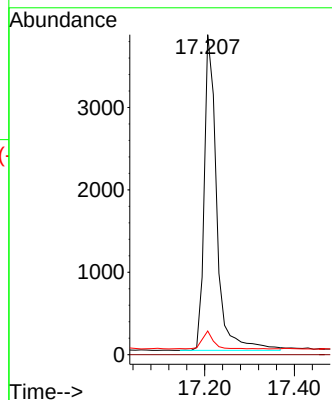
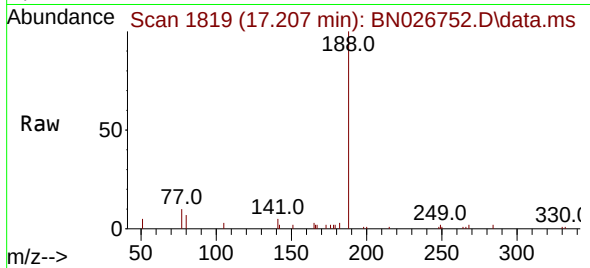




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.207 min Scan# 1734
Delta R.T. -0.012 min
Lab File: BN026752.D
Acq: 25 Jul 2023 18:44

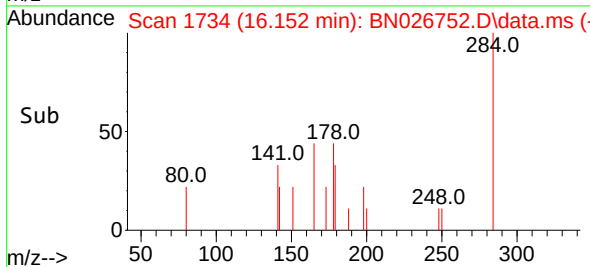
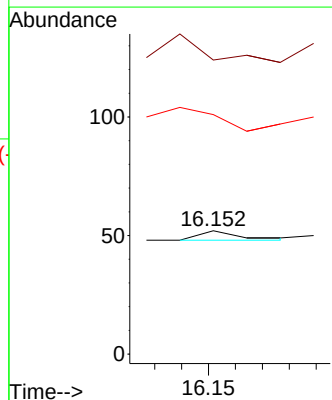
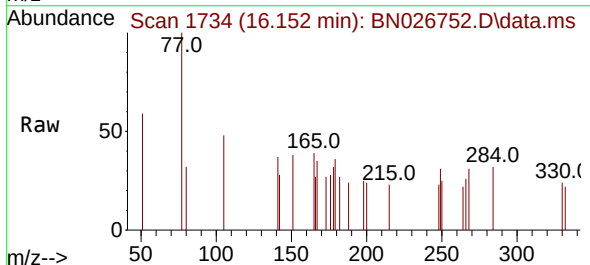
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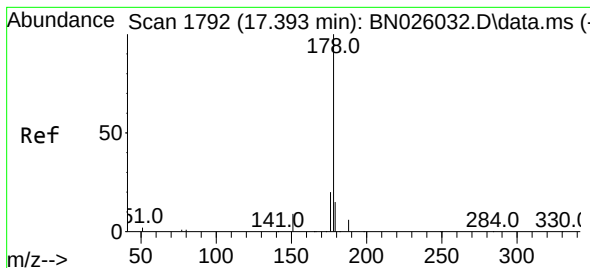
Tgt Ion:188 Resp: 7390
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 8.6 13.0#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.062 ng
RT: 16.152 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN026752.D
Acq: 25 Jul 2023 18:44

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 238.5 85.8 128.8#
105 194.2 48.2 72.2#





#25

Phenanthrene

Concen: 0.056 ng

RT: 17.256 min Scan# 1823

Delta R.T. 0.000 min

Lab File: BN026752.D

Acq: 25 Jul 2023 18:44

Instrument :

BNA_N

ClientSampleId :

GWBR-04-400-415-072023

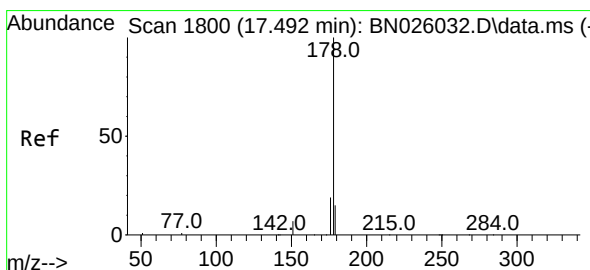
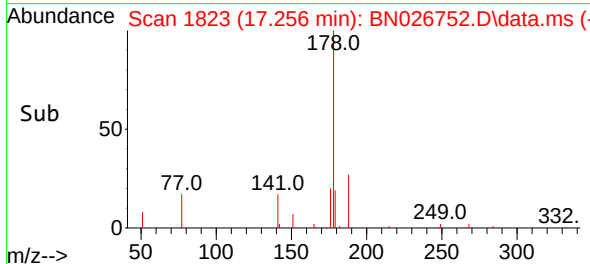
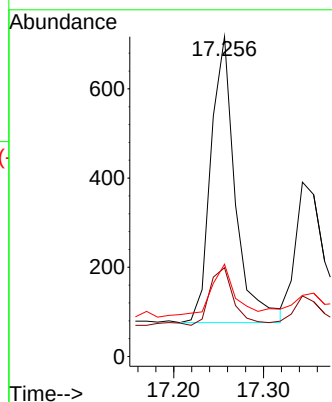
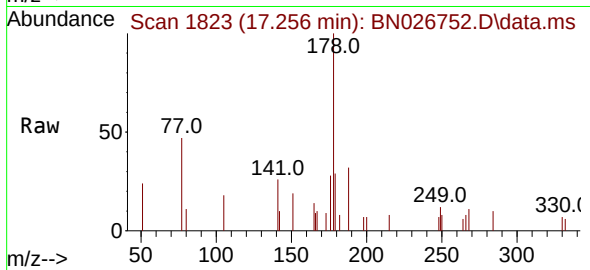
Tgt Ion:178 Resp: 1217

Ion Ratio Lower Upper

178 100

176 21.8 15.6 23.4

179 16.5 12.3 18.5



#26

Anthracene

Concen: 0.034 ng

RT: 17.343 min Scan# 1830

Delta R.T. -0.012 min

Lab File: BN026752.D

Acq: 25 Jul 2023 18:44

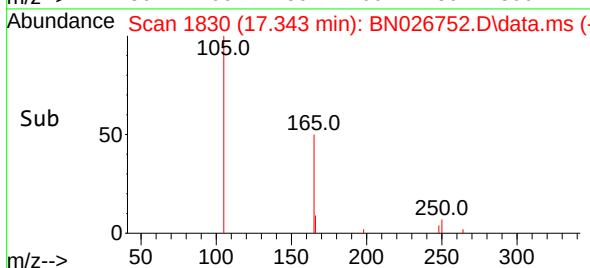
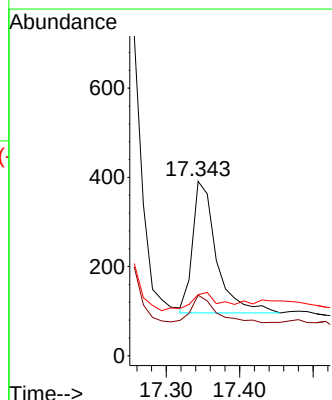
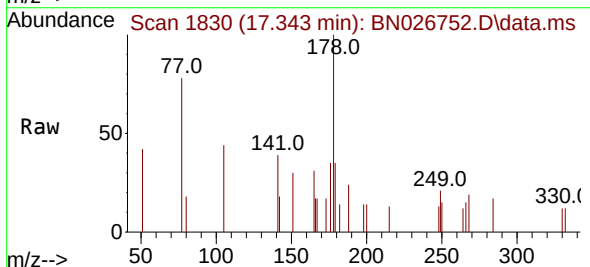
Tgt Ion:178 Resp: 667

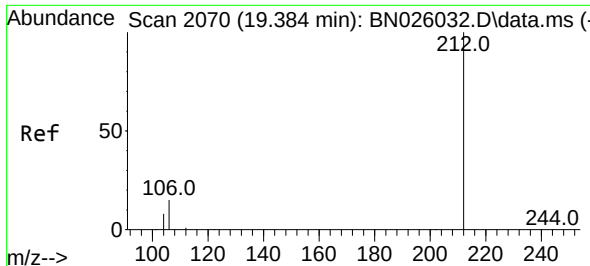
Ion Ratio Lower Upper

178 100

176 20.4 15.0 22.4

179 16.9 12.4 18.6

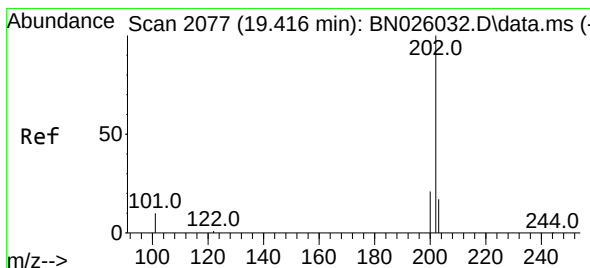
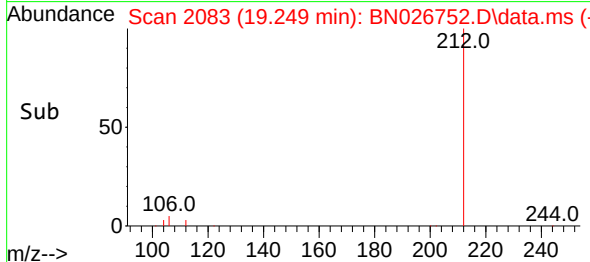
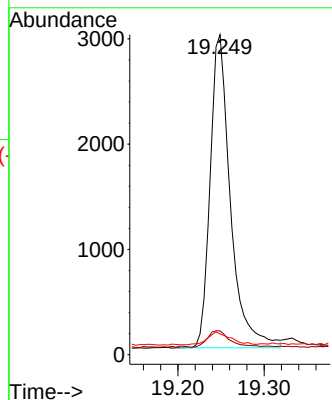
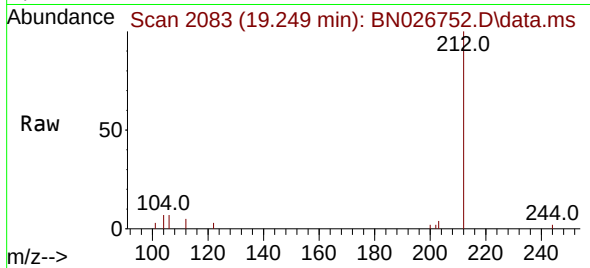




#27
Fluoranthene-d10
Concen: 0.311 ng
RT: 19.249 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BN026752.D
Acq: 25 Jul 2023 18:44

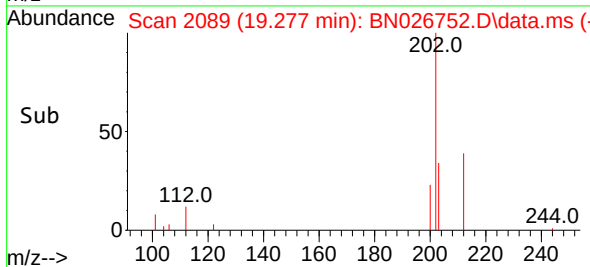
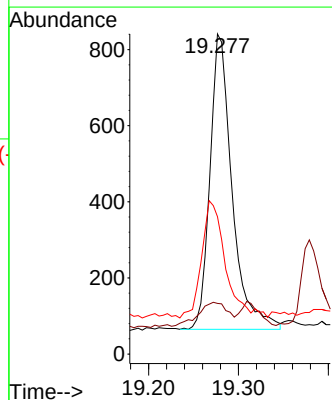
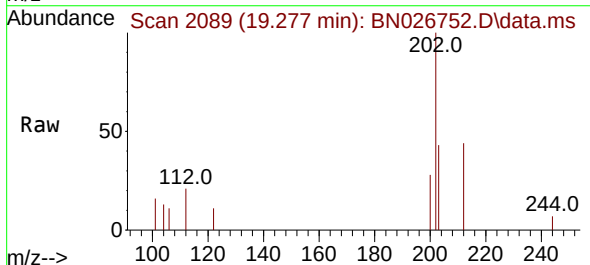
Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023

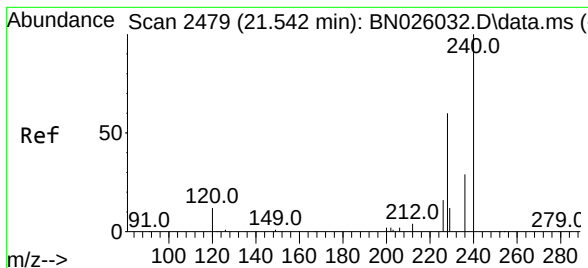
Tgt Ion:212 Resp: 4870
Ion Ratio Lower Upper
212 100
106 5.9 11.6 17.4#
104 4.6 7.2 10.8#



#28
Fluoranthene
Concen: 0.059 ng
RT: 19.277 min Scan# 2089
Delta R.T. -0.005 min
Lab File: BN026752.D
Acq: 25 Jul 2023 18:44

Tgt Ion:202 Resp: 1332
Ion Ratio Lower Upper
202 100
101 10.7 8.3 12.5
203 42.4 13.5 20.3#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.417 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN026752.D

Acq: 25 Jul 2023 18:44

Instrument :

BNA_N

ClientSampleId :

GWBR-04-400-415-072023

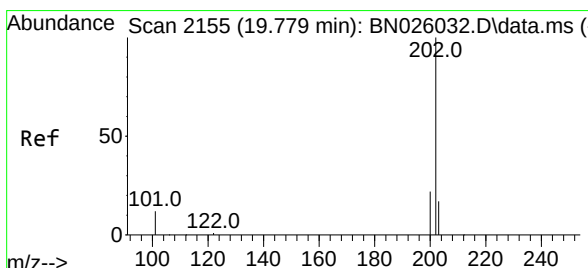
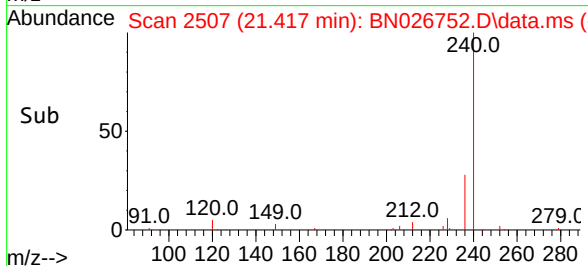
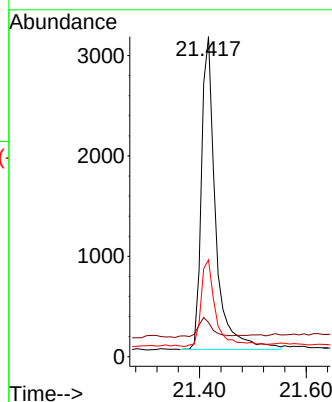
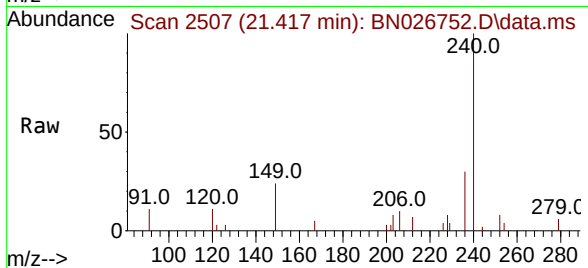
Tgt Ion:240 Resp: 5748

Ion Ratio Lower Upper

240 100

120 10.7 14.6 22.0#

236 30.2 24.2 36.2



#30

Pyrene

Concen: 0.041 ng

RT: 19.644 min Scan# 2168

Delta R.T. 0.000 min

Lab File: BN026752.D

Acq: 25 Jul 2023 18:44

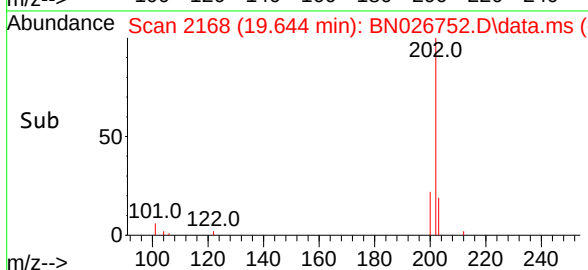
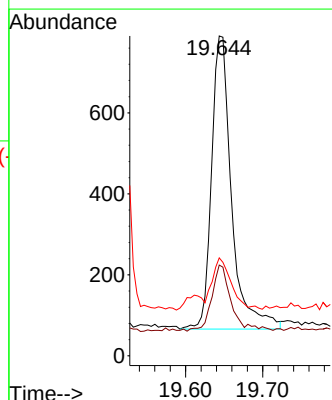
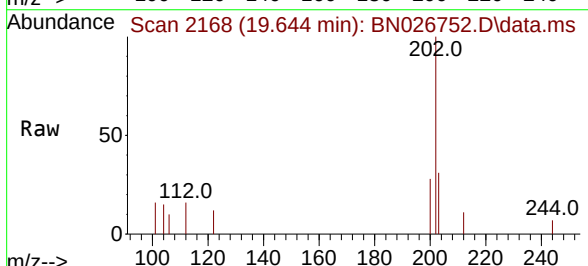
Tgt Ion:202 Resp: 1309

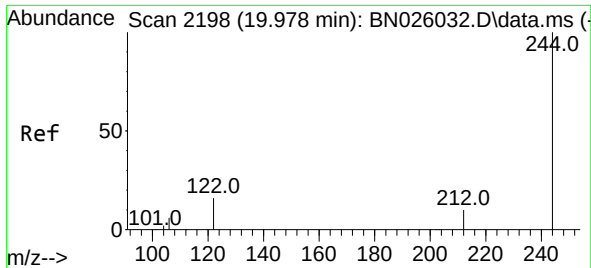
Ion Ratio Lower Upper

202 100

200 22.0 17.0 25.4

203 16.5 14.2 21.4

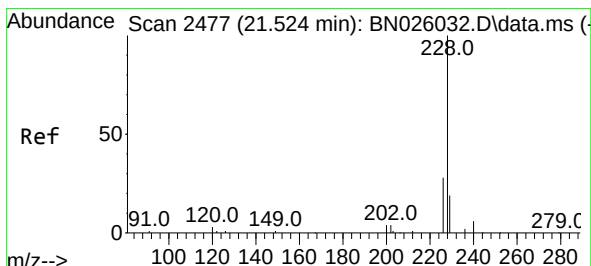
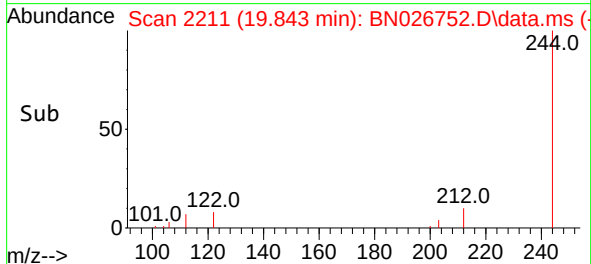
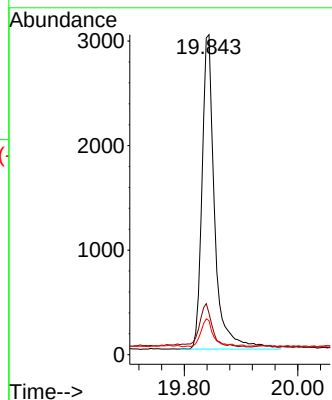
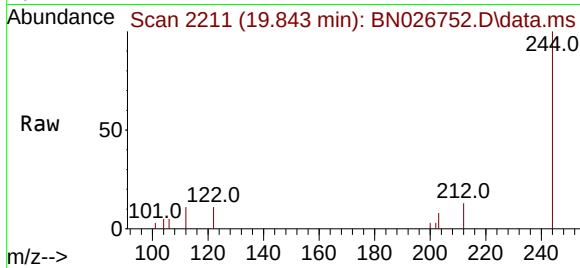




#31
 Terphenyl-d14
 Concen: 0.317 ng
 RT: 19.843 min Scan# 2198
 Delta R.T. -0.005 min
 Lab File: BN026752.D
 Acq: 25 Jul 2023 18:44

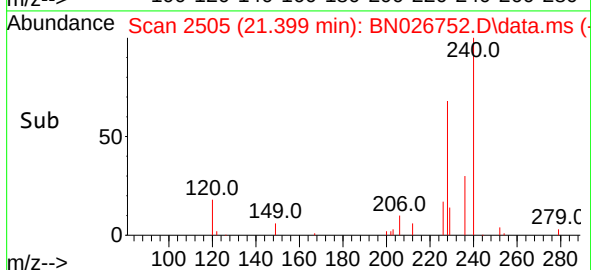
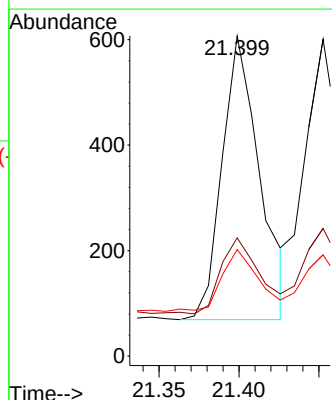
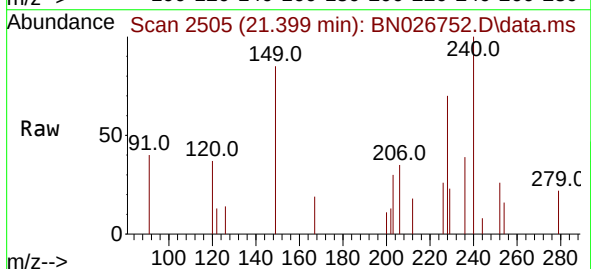
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-04-400-415-072023

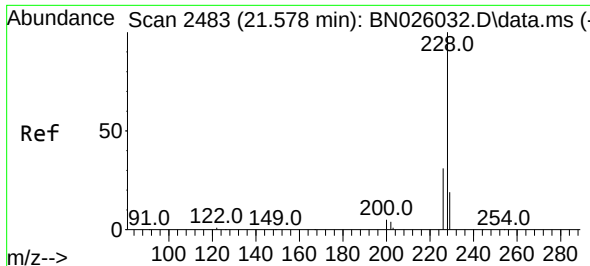
Tgt Ion:244 Resp: 4657
 Ion Ratio Lower Upper
 244 100
 212 13.0 8.7 13.1
 122 10.7 13.7 20.5#



#32
 Benzo(a)anthracene
 Concen: 0.043 ng
 RT: 21.399 min Scan# 2505
 Delta R.T. 0.000 min
 Lab File: BN026752.D
 Acq: 25 Jul 2023 18:44

Tgt Ion:228 Resp: 881
 Ion Ratio Lower Upper
 228 100
 226 36.9 23.0 34.6#
 229 33.3 15.9 23.9#





#33

Chrysene

Concen: 0.039 ng

RT: 21.453 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN026752.D

Acq: 25 Jul 2023 18:44

Instrument :

BNA_N

ClientSampleId :

GWBR-04-400-415-072023

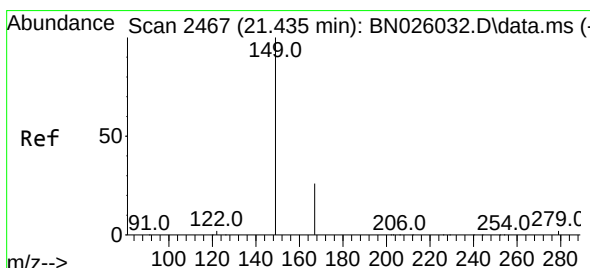
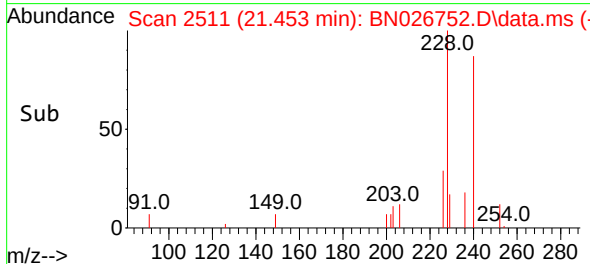
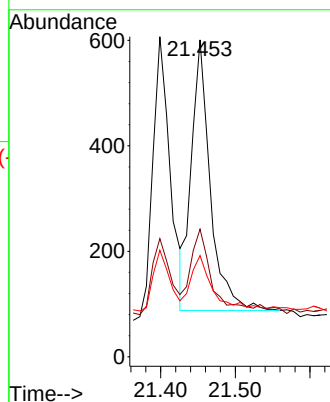
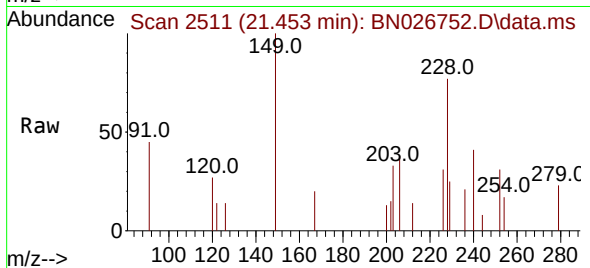
Tgt Ion:228 Resp: 904

Ion Ratio Lower Upper

228 100

226 40.3 24.8 37.2#

229 31.9 15.6 23.4#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.275 ng

RT: 21.300 min Scan# 2494

Delta R.T. 0.000 min

Lab File: BN026752.D

Acq: 25 Jul 2023 18:44

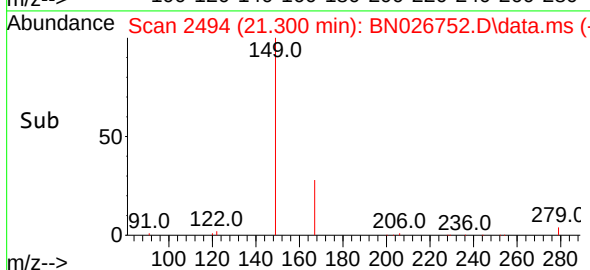
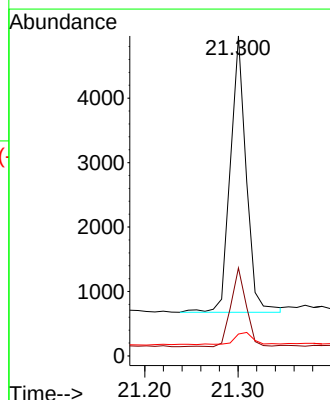
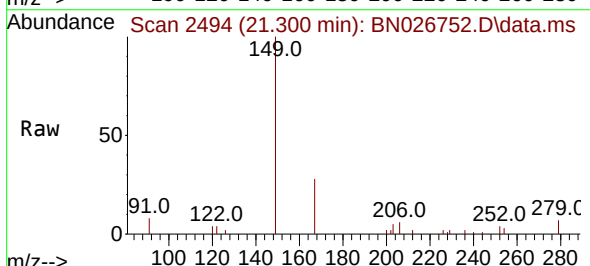
Tgt Ion:149 Resp: 5082

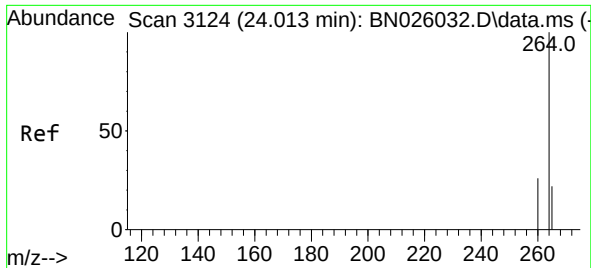
Ion Ratio Lower Upper

149 100

167 27.7 20.2 30.4

279 5.2 2.4 3.6#

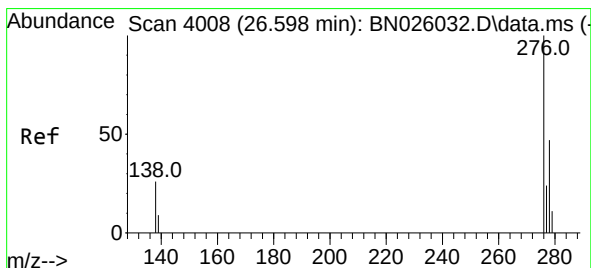
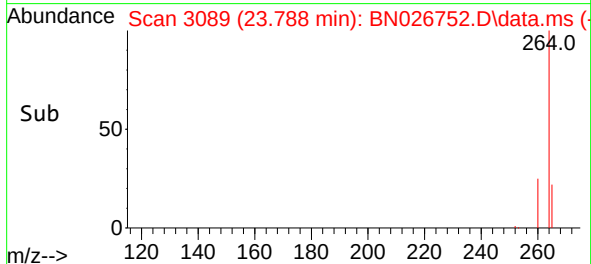
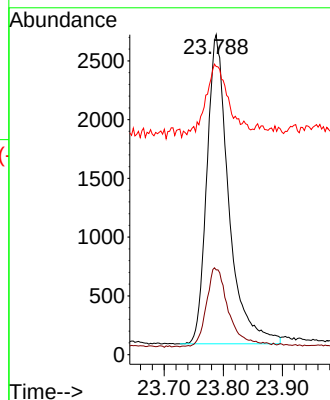
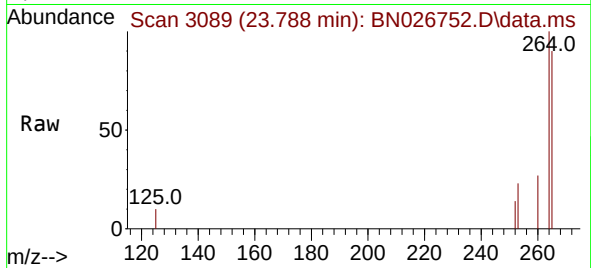




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.788 min Scan# 3089
Delta R.T. 0.006 min
Lab File: BN026752.D
Acq: 25 Jul 2023 18:44

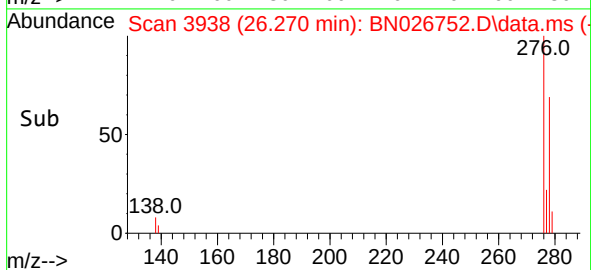
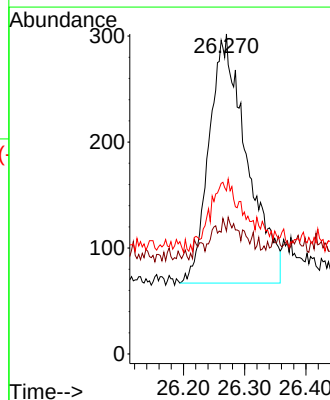
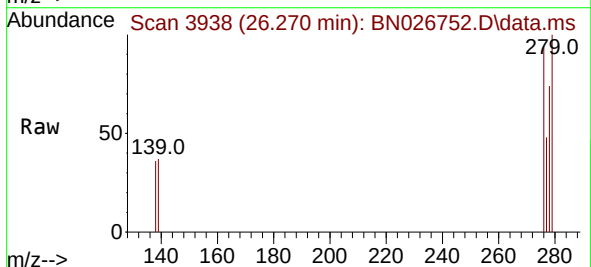
Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023

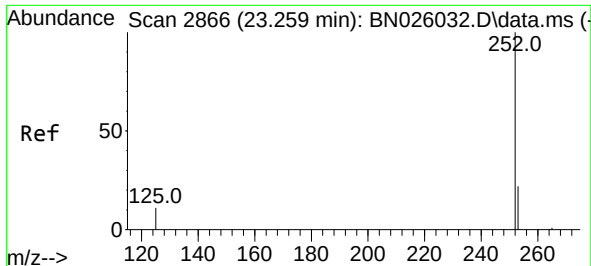
Tgt Ion:264 Resp: 6775
Ion Ratio Lower Upper
264 100
260 26.5 21.9 32.9
265 90.0 80.3 120.5



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.036 ng
RT: 26.270 min Scan# 3938
Delta R.T. 0.029 min
Lab File: BN026752.D
Acq: 25 Jul 2023 18:44

Tgt Ion:276 Resp: 1004
Ion Ratio Lower Upper
276 100
138 0.4 21.4 32.2#
277 8.9 19.6 29.4#





#37

Benzo(b)fluoranthene

Concen: 0.041 ng

RT: 23.075 min Scan# 2845

Delta R.T. 0.015 min

Lab File: BN026752.D

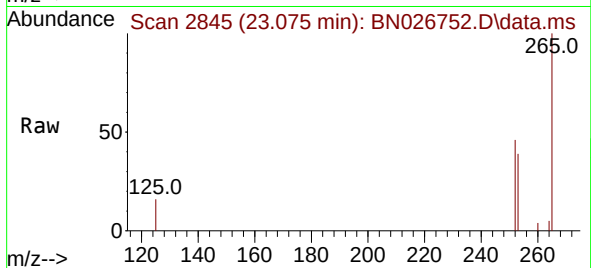
Acq: 25 Jul 2023 18:44

Instrument :

BNA_N

ClientSampleId :

GWBR-04-400-415-072023



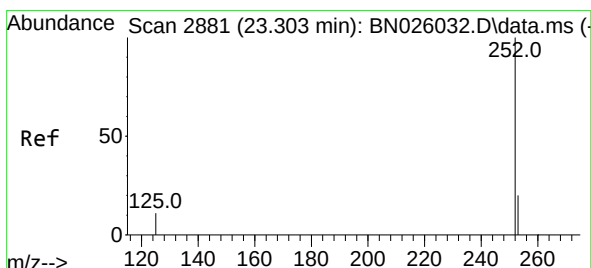
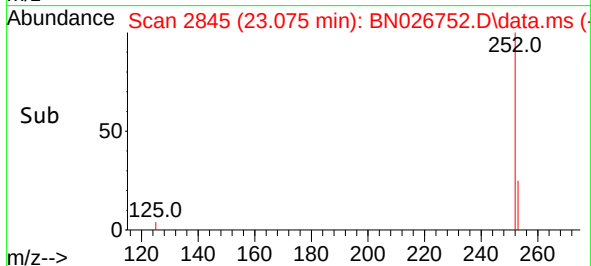
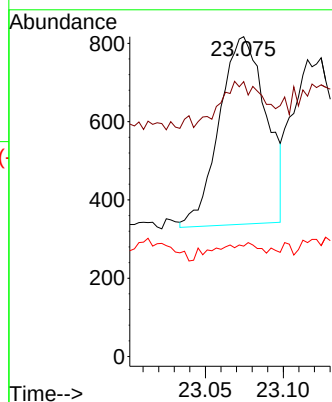
Tgt Ion:252 Resp: 1000

Ion Ratio Lower Upper

252 100

253 85.9 24.1 36.1#

125 34.5 15.4 23.0#



#38

Benzo(k)fluoranthene

Concen: 0.032 ng

RT: 23.124 min Scan# 2862

Delta R.T. 0.018 min

Lab File: BN026752.D

Acq: 25 Jul 2023 18:44

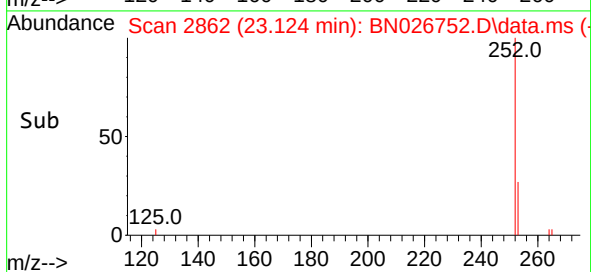
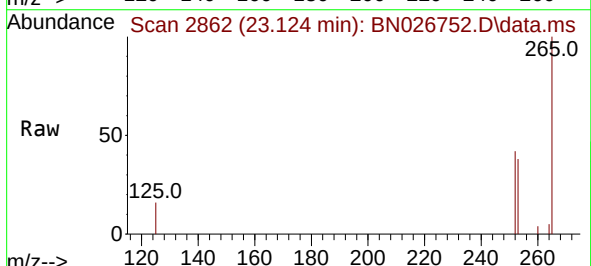
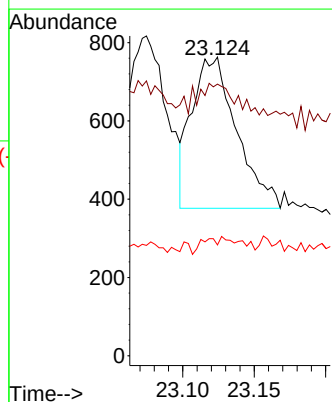
Tgt Ion:252 Resp: 842

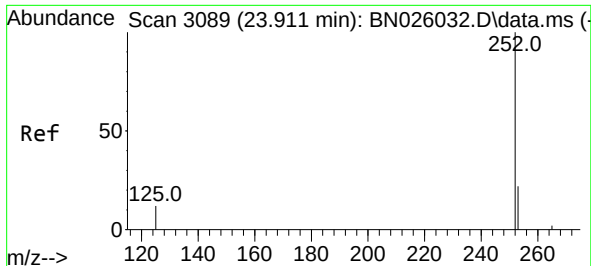
Ion Ratio Lower Upper

252 100

253 91.0 23.6 35.4#

125 37.1 15.8 23.8#

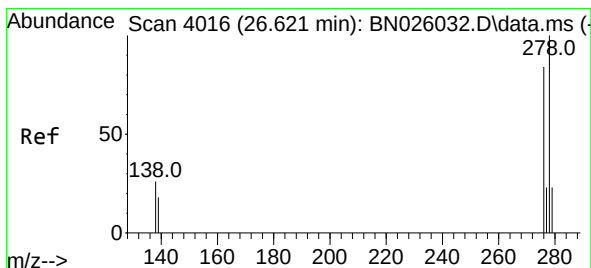
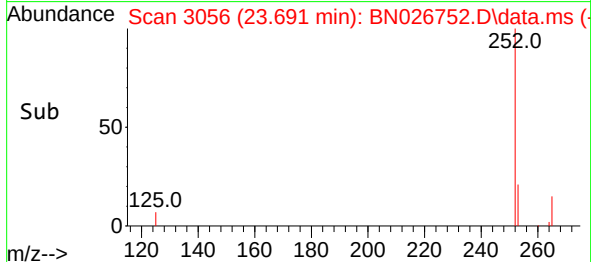
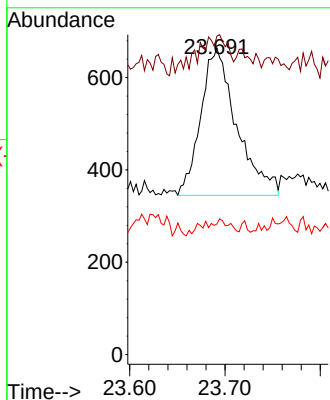
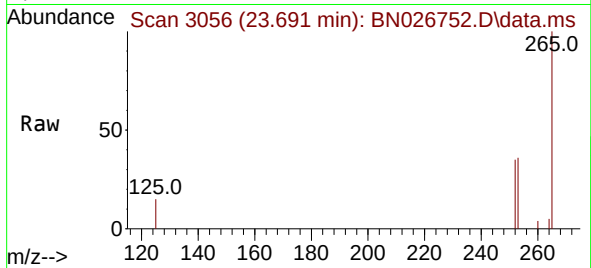




#39
Benzo(a)pyrene
Concen: 0.035 ng
RT: 23.691 min Scan# 3089
Delta R.T. 0.012 min
Lab File: BN026752.D
Acq: 25 Jul 2023 18:44

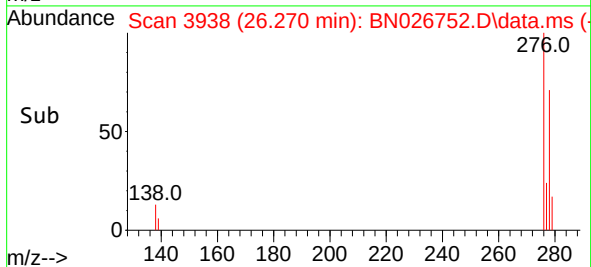
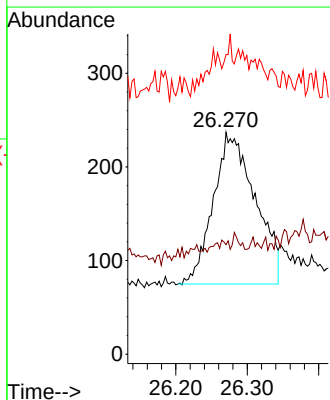
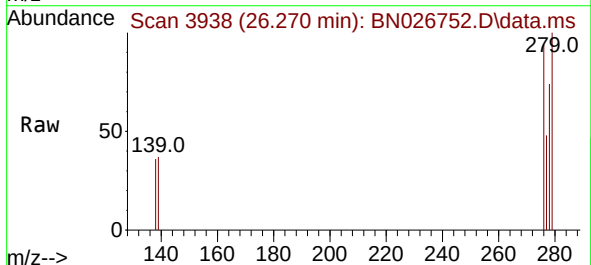
Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023

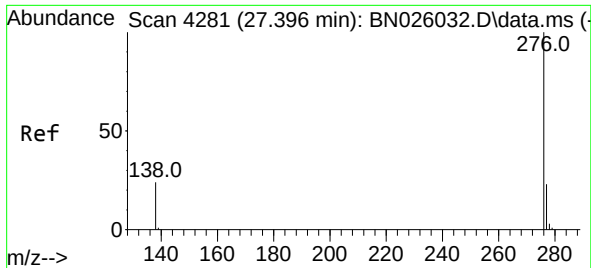
Tgt Ion:252 Resp: 837
Ion Ratio Lower Upper
252 100
253 103.9 26.2 39.4#
125 42.6 18.7 28.1#



#40
Dibenzo(a,h)anthracene
Concen: 0.030 ng
RT: 26.270 min Scan# 3938
Delta R.T. 0.018 min
Lab File: BN026752.D
Acq: 25 Jul 2023 18:44

Tgt Ion:278 Resp: 661
Ion Ratio Lower Upper
278 100
139 49.4 18.1 27.1#
279 135.0 25.4 38.0#





#41

Benzo(g,h,i)perylene

Concen: 0.034 ng

RT: 27.019 min Scan# 41

Delta R.T. 0.026 min

Lab File: BN026752.D

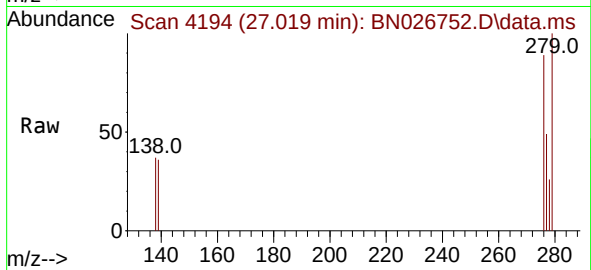
Acq: 25 Jul 2023 18:44

Instrument :

BNA_N

ClientSampleId :

GWBR-04-400-415-072023



Tgt Ion:276 Resp: 854

Ion Ratio Lower Upper

276 100

277 55.1 20.3 30.5#

138 41.6 21.5 32.3#

