

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
 Data File : BN032260.D
 Acq On : 26 Jun 2024 04:07
 Operator : MA/JU
 Sample : P3054-02
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-257-278-062424-FD

Quant Time: Jun 26 05:50:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 11:30:34 2024
 Response via : Initial Calibration

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

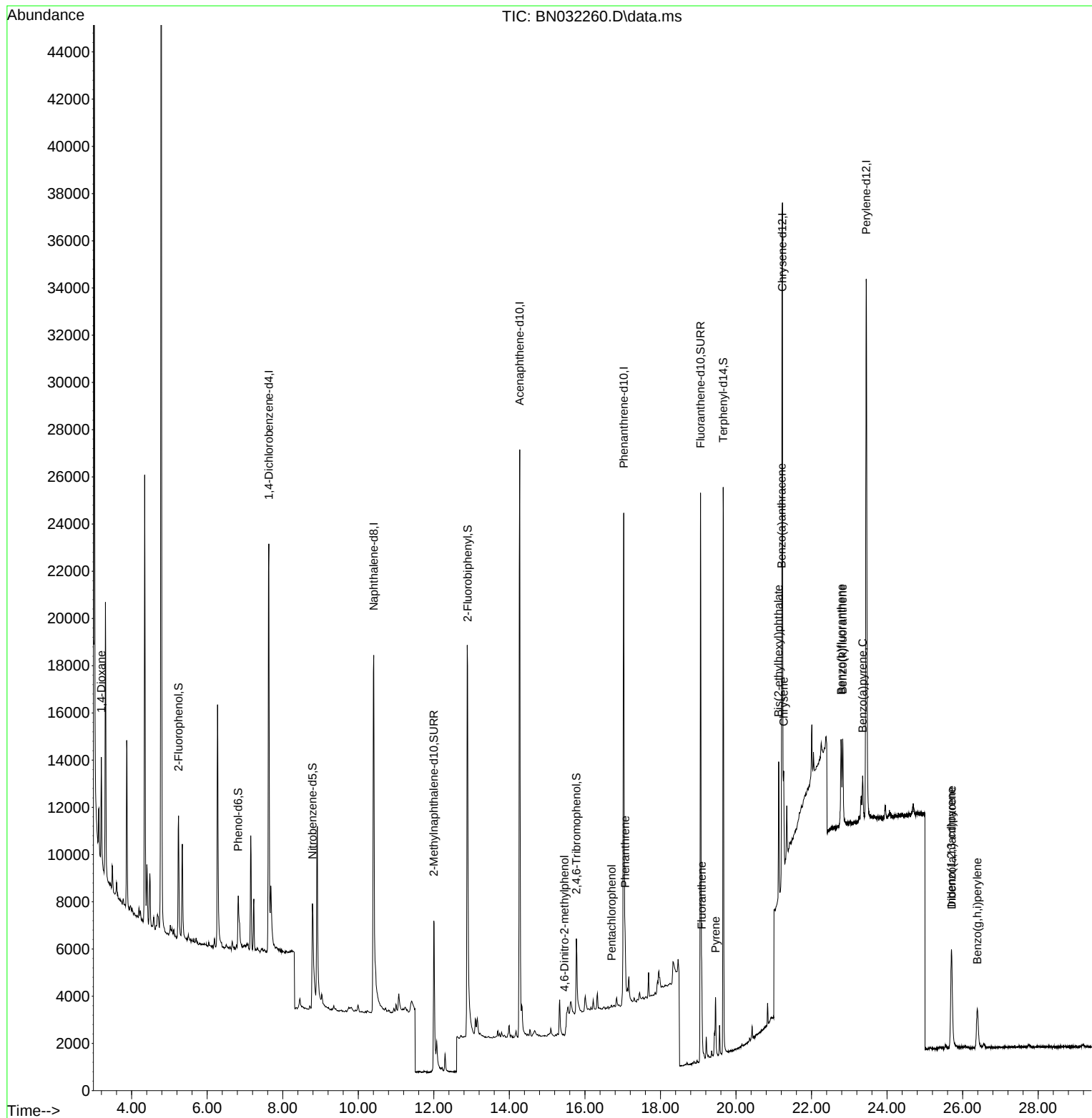
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	10036	0.400	ng	-0.01
7) Naphthalene-d8	10.410	136	28701	0.400	ng	-0.01
13) Acenaphthene-d10	14.274	164	16590	0.400	ng	-0.01
19) Phenanthrene-d10	17.029	188	34854	0.400	ng	0.00
29) Chrysene-d12	21.229	240	30046	0.400	ng	0.00
35) Perylene-d12	23.449	264	33018	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.241	112	5067	0.178	ng	0.00
5) Phenol-d6	6.823	99	3291	0.088	ng	0.00
8) Nitrobenzene-d5	8.787	82	6518	0.273	ng	-0.01
11) 2-Methylnaphthalene-d10	12.001	152	12229	0.268	ng	-0.02
14) 2,4,6-Tribromophenol	15.775	330	2447	0.308	ng	-0.01
15) 2-Fluorobiphenyl	12.895	172	21638	0.344	ng	-0.01
27) Fluoranthene-d10	19.063	212	29467	0.311	ng	0.00
31) Terphenyl-d14	19.662	244	25447	0.346	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	3060	0.249	ng	# 91
20) 4,6-Dinitro-2-methylph...	15.461	198	13	0.176	ng	# 1
24) Pentachlorophenol	16.706	266	124	0.180	ng	# 83
25) Phenanthrene	17.066	178	1970	0.020	ng	# 94
28) Fluoranthene	19.096	202	2608	0.022	ng	# 91
30) Pyrene	19.458	202	2529	0.021	ng	99
32) Benzo(a)anthracene	21.211	228	3285	0.029	ng	# 88
33) Chrysene	21.265	228	3518	0.033	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.130	149	5588	0.072	ng	99
36) Indeno(1,2,3-cd)pyrene	25.703	276	5413	0.044	ng	99
37) Benzo(b)fluoranthene	22.782	252	5227	0.043	ng	# 31
38) Benzo(k)fluoranthene	22.823	252	4361	0.038	ng	# 22
39) Benzo(a)pyrene	23.355	252	2740	0.026	ng	# 1
40) Dibenzo(a,h)anthracene	25.712	278	4026	0.041	ng	# 46
41) Benzo(g,h,i)perylene	26.390	276	3916	0.038	ng	# 64

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
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Instrument :
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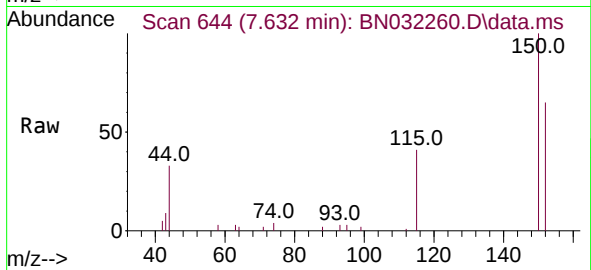
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
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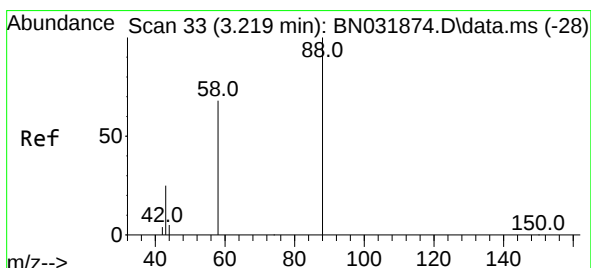
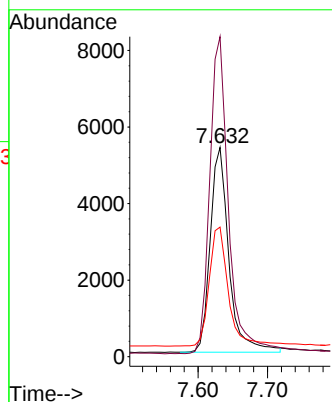
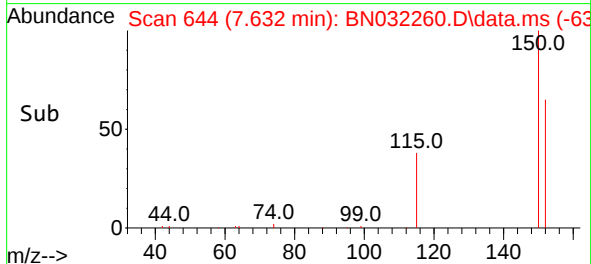


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.632 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN032260.D
 Acq: 26 Jun 2024 04:07

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-257-278-062424-FD

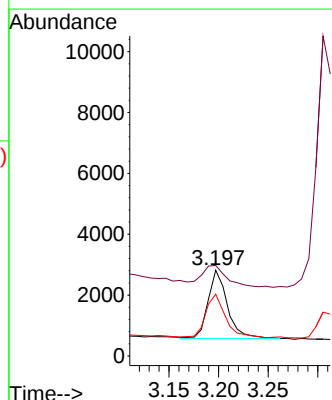
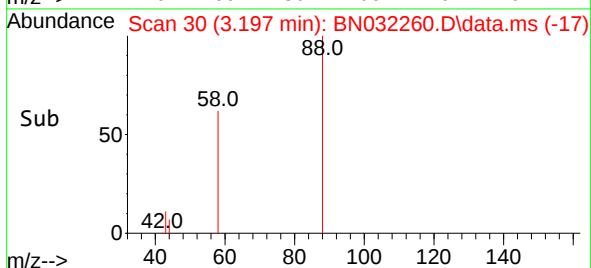
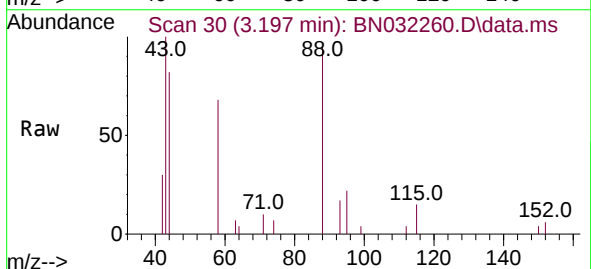


Tgt Ion:152 Resp: 10036
 Ion Ratio Lower Upper
 152 100
 150 152.9 121.0 181.4
 115 61.9 49.4 74.0



#2
 1,4-Dioxane
 Concen: 0.249 ng
 RT: 3.197 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN032260.D
 Acq: 26 Jun 2024 04:07

Tgt Ion: 88 Resp: 3060
 Ion Ratio Lower Upper
 88 100
 43 42.2 22.7 34.1#
 58 65.8 51.3 76.9

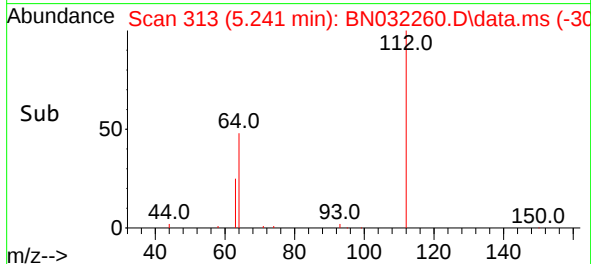
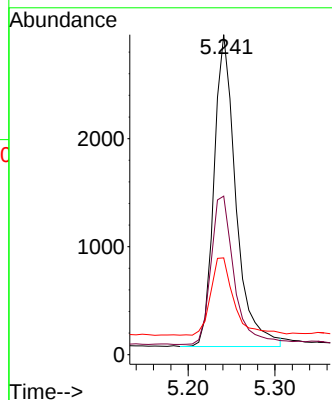
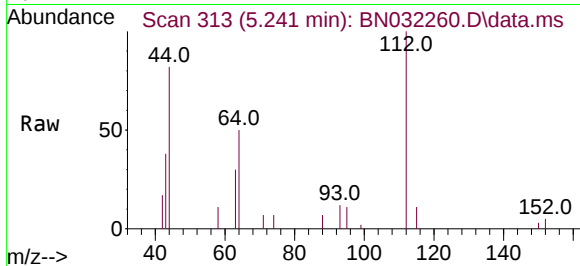




#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.241 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

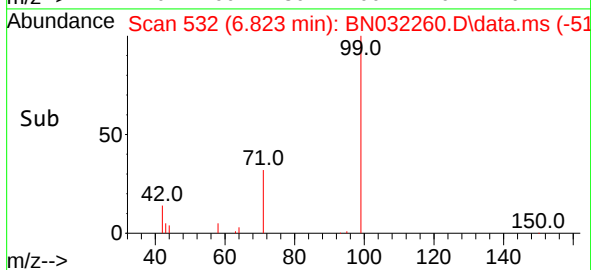
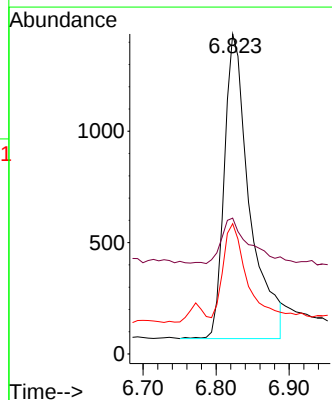
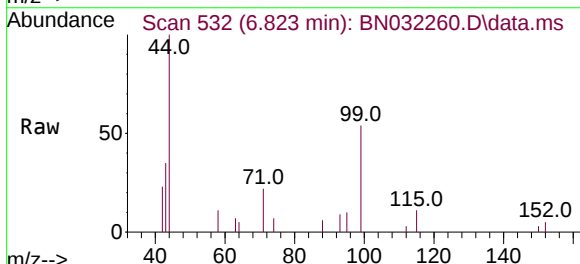
Instrument :
BNA_N
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GWBR-05-257-278-062424-FD

Tgt Ion:112 Resp: 5067
Ion Ratio Lower Upper
112 100
64 50.2 42.4 63.6
63 26.3 22.1 33.1



#5
Phenol-d6
Concen: 0.088 ng
RT: 6.823 min Scan# 532
Delta R.T. -0.007 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

Tgt Ion: 99 Resp: 3291
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 27.8 25.4 38.2

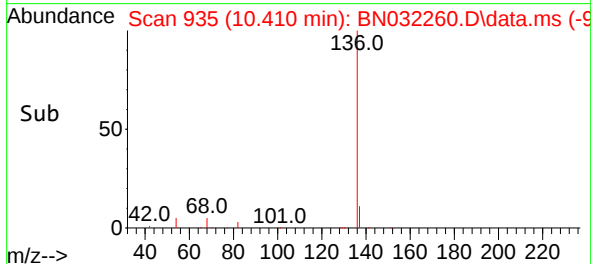
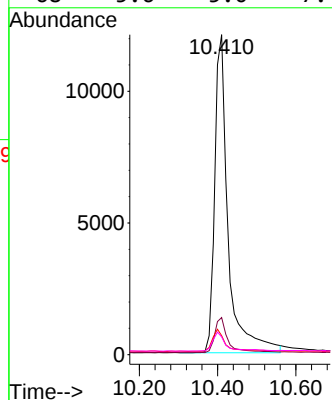
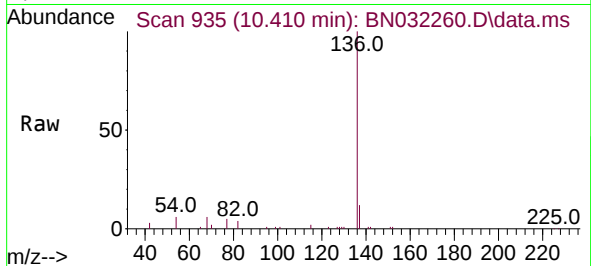




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.410 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

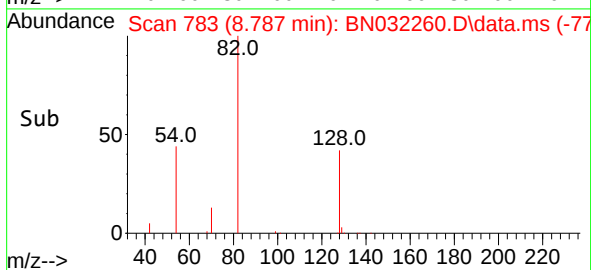
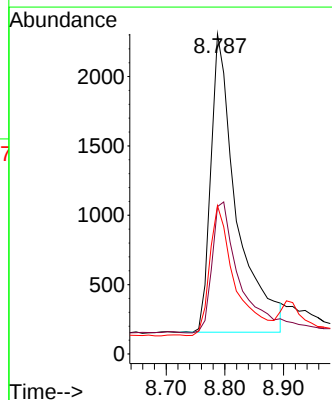
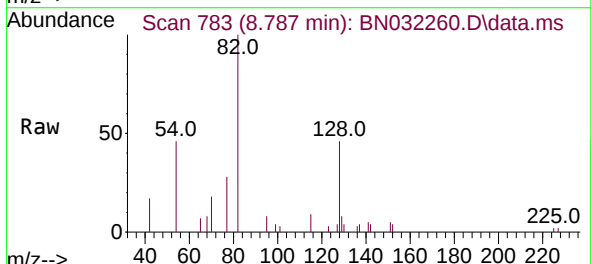
Instrument :
BNA_N
ClientSampleId :
GWBR-05-257-278-062424-FD

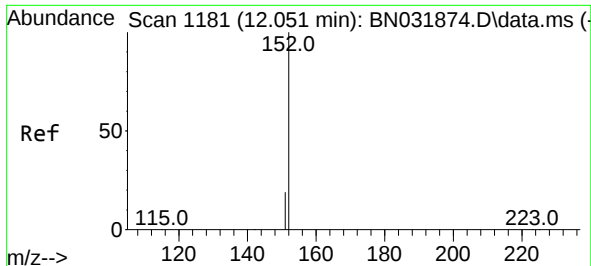
Tgt Ion:	136	Resp:	28701
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	6.0	5.6	8.4
68	5.6	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.273 ng
RT: 8.787 min Scan# 783
Delta R.T. -0.011 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

Tgt Ion:	82	Resp:	6518
Ion	Ratio	Lower	Upper
82	100		
128	46.1	32.1	48.1
54	46.4	39.7	59.5

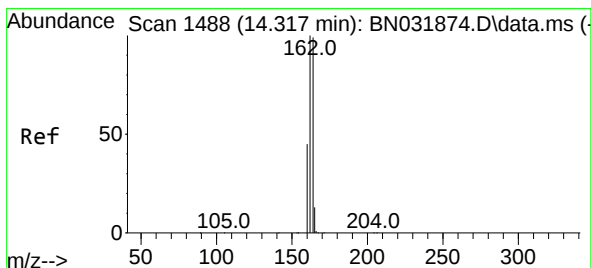
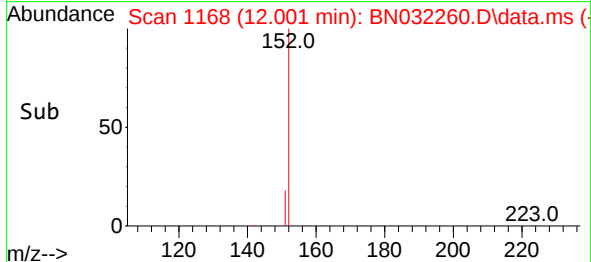
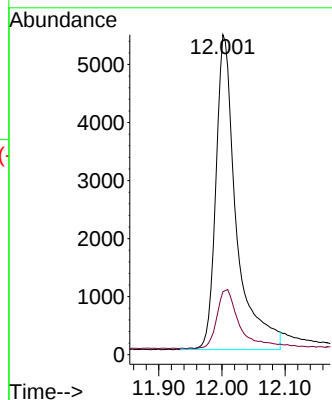
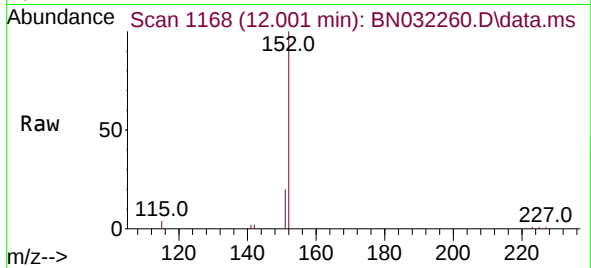




#11
2-Methylnaphthalene-d10
Concen: 0.268 ng
RT: 12.001 min Scan# 1181
Delta R.T. -0.019 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

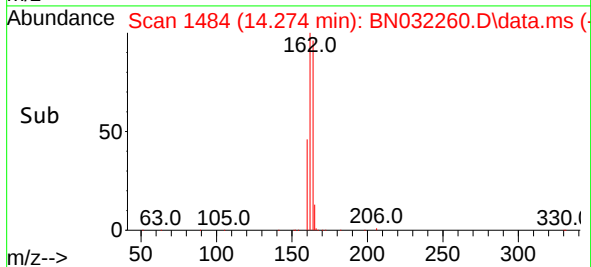
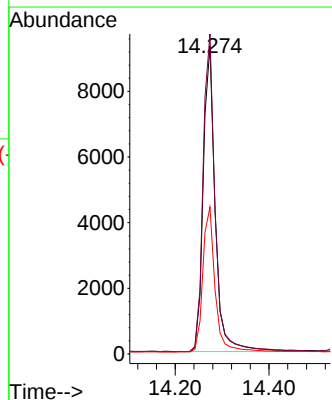
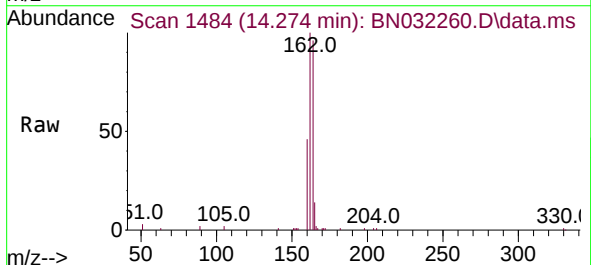
Instrument :
BNA_N
ClientSampleId :
GWBR-05-257-278-062424-FD

Tgt Ion:152 Resp: 12229
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.274 min Scan# 1484
Delta R.T. -0.011 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

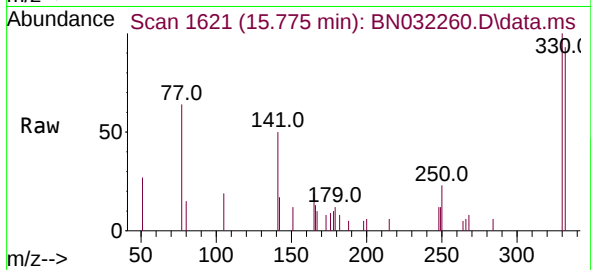
Tgt Ion:164 Resp: 16590
Ion Ratio Lower Upper
164 100
162 103.8 80.7 121.1
160 47.6 36.2 54.4



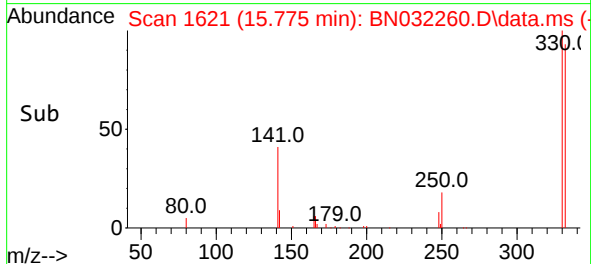
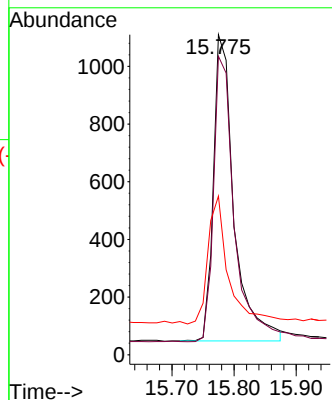


#14
2,4,6-Tribromophenol
Concen: 0.308 ng
RT: 15.775 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

Instrument :
BNA_N
ClientSampleId :
GWBR-05-257-278-062424-FD

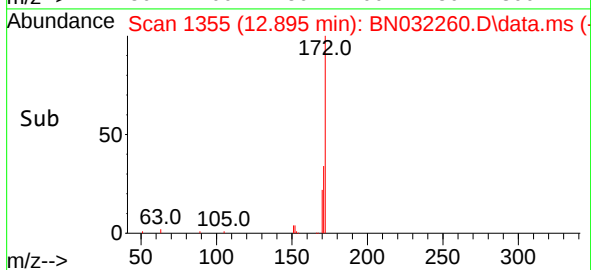
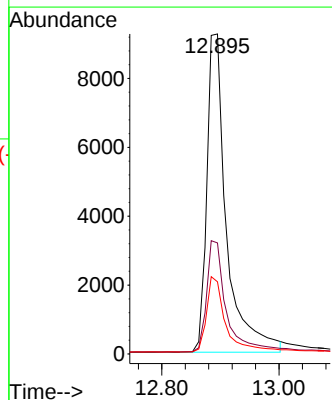
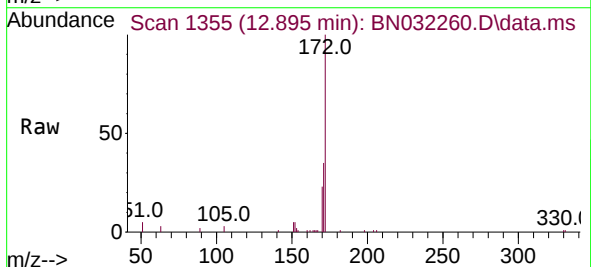


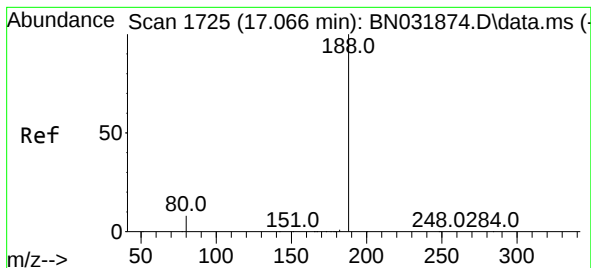
Tgt Ion:330 Resp: 2447
Ion Ratio Lower Upper
330 100
332 94.9 77.5 116.3
141 41.8 34.7 52.1



#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 12.895 min Scan# 1355
Delta R.T. -0.011 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

Tgt Ion:172 Resp: 21638
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 22.6 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.029 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN032260.D

Acq: 26 Jun 2024 04:07

Instrument :

BNA_N

ClientSampleId :

GWBR-05-257-278-062424-FD

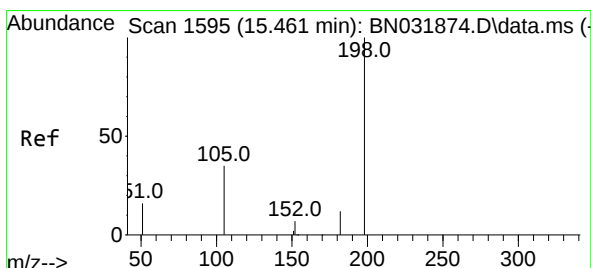
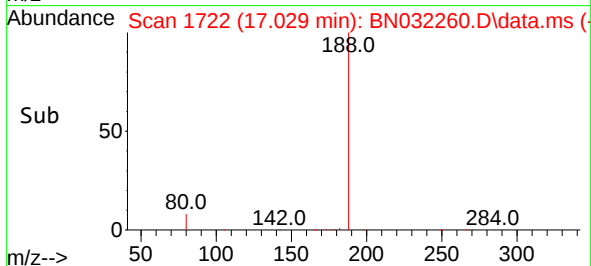
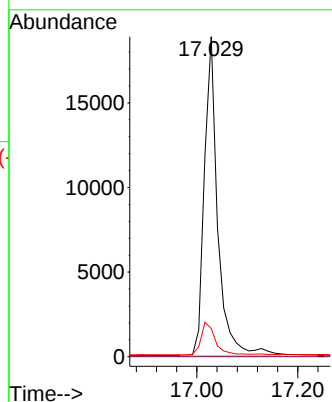
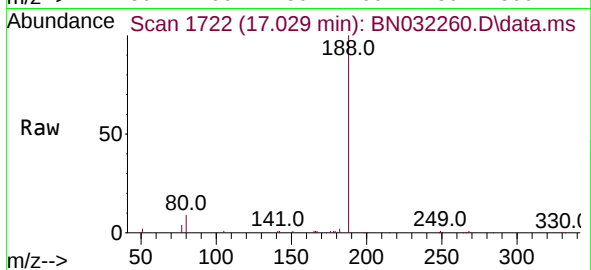
Tgt Ion:188 Resp: 34854

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.8 6.4 9.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.176 ng

RT: 15.461 min Scan# 1595

Delta R.T. 0.021 min

Lab File: BN032260.D

Acq: 26 Jun 2024 04:07

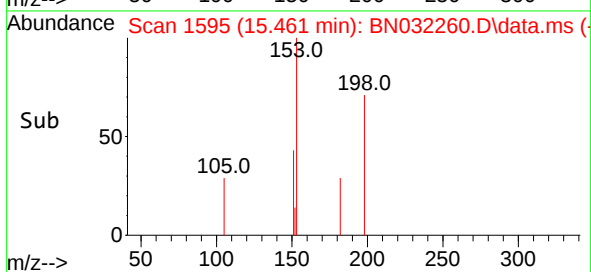
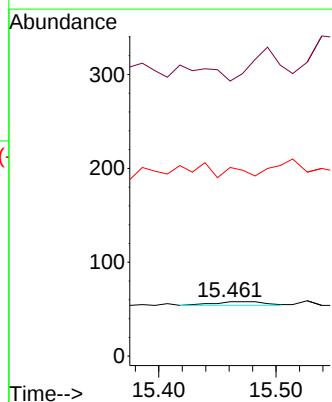
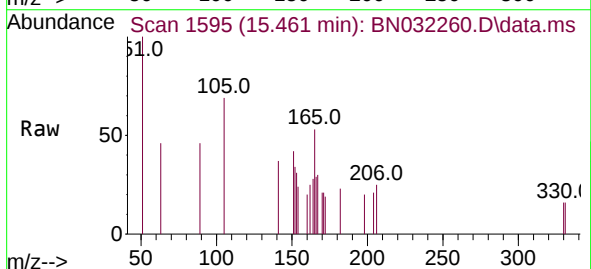
Tgt Ion:198 Resp: 13

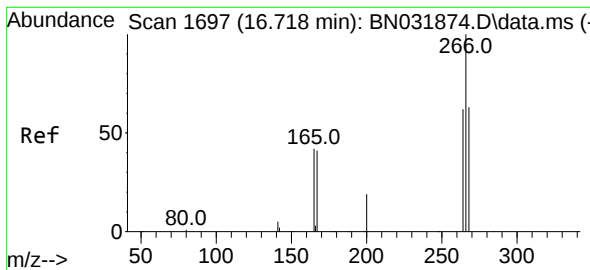
Ion Ratio Lower Upper

198 100

51 505.2 42.7 64.1#

105 346.6 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.180 ng

RT: 16.706 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN032260.D

Acq: 26 Jun 2024 04:07

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ClientSampleId :

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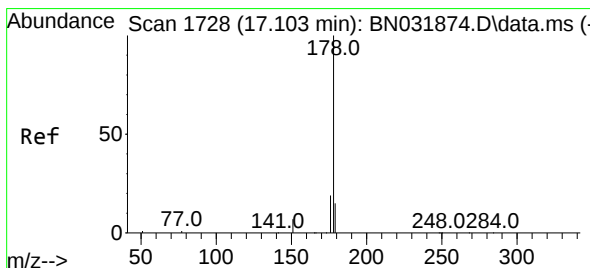
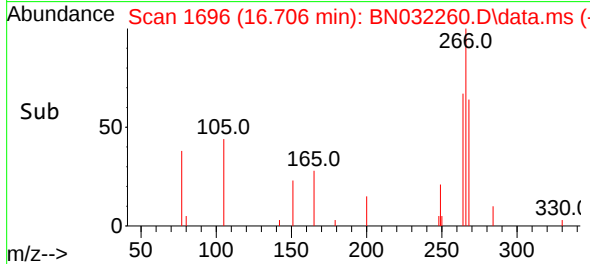
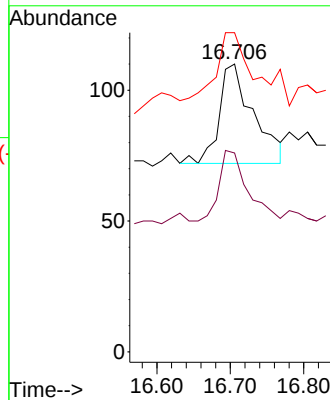
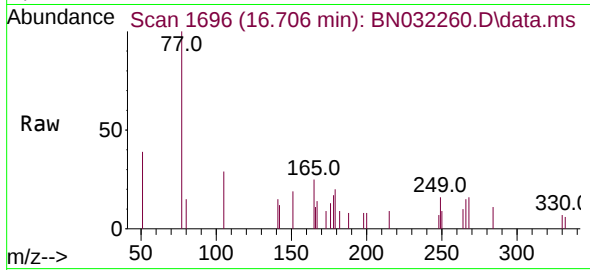
Tgt Ion:266 Resp: 124

Ion Ratio Lower Upper

266 100

264 58.1 50.0 75.0

268 86.3 51.0 76.6#



#25

Phenanthrene

Concen: 0.020 ng

RT: 17.066 min Scan# 1725

Delta R.T. -0.013 min

Lab File: BN032260.D

Acq: 26 Jun 2024 04:07

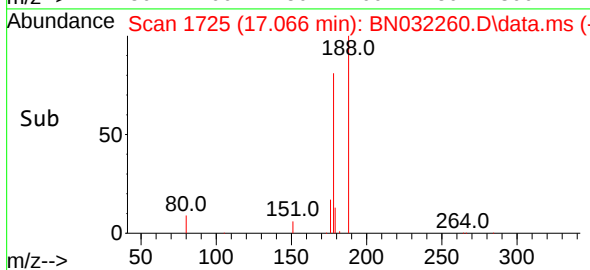
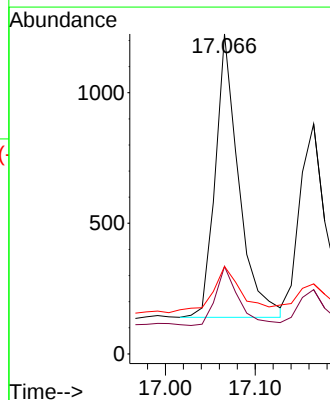
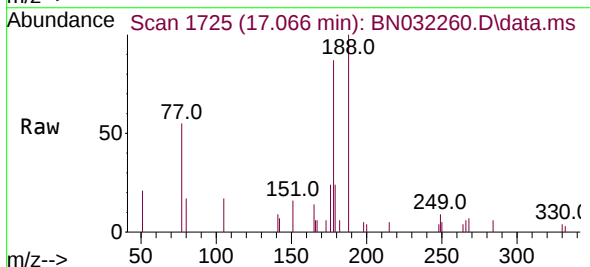
Tgt Ion:178 Resp: 1970

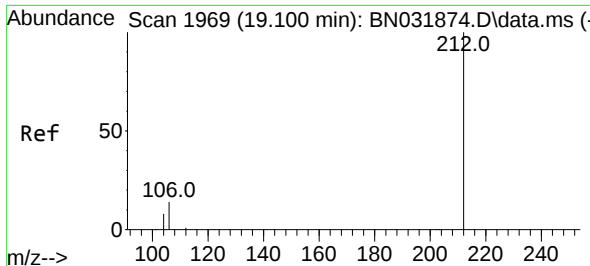
Ion Ratio Lower Upper

178 100

176 20.4 15.4 23.0

179 19.8 12.2 18.2#

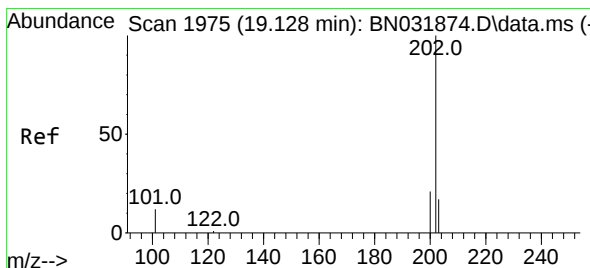
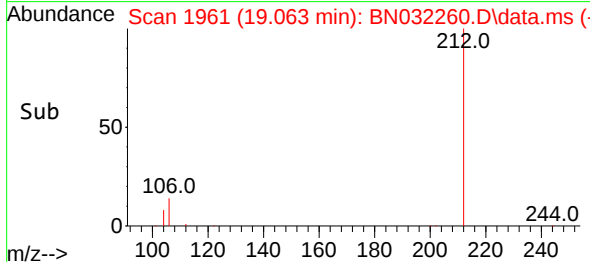
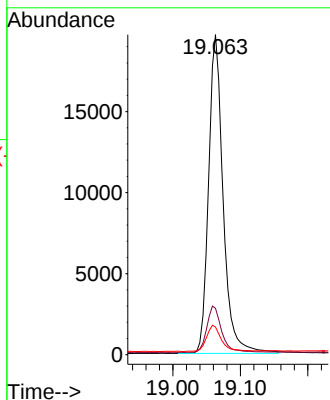
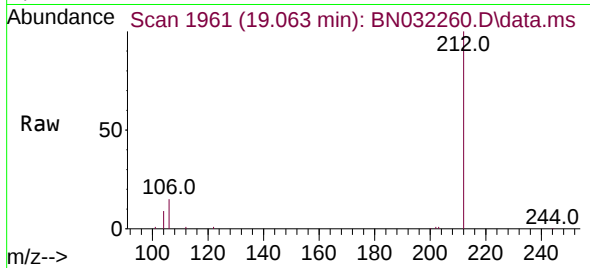




#27
Fluoranthene-d10
Concen: 0.311 ng
RT: 19.063 min Scan# 1961
Delta R.T. -0.009 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

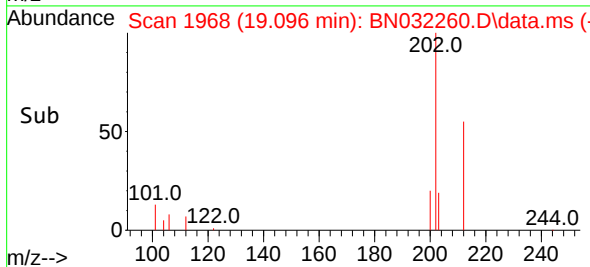
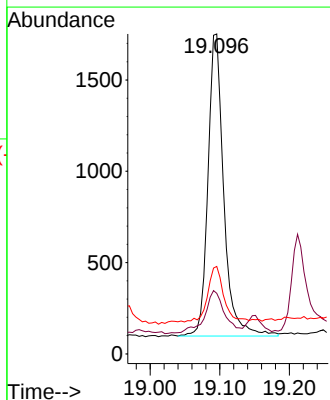
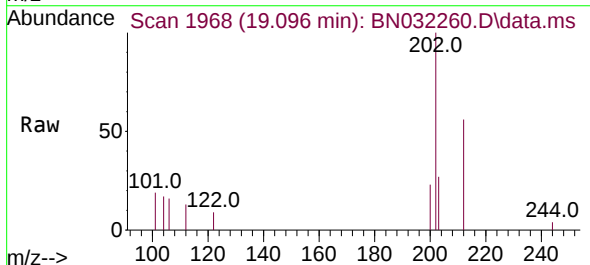
Instrument :
BNA_N
ClientSampleId :
GWBR-05-257-278-062424-FD

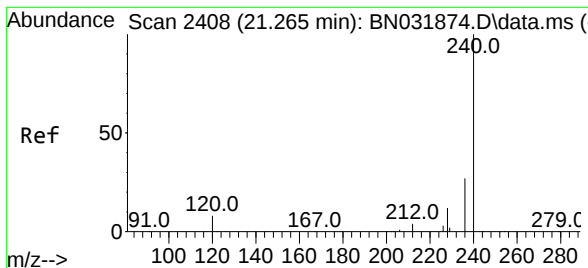
Tgt Ion:212 Resp: 29467
Ion Ratio Lower Upper
212 100
106 14.9 11.8 17.8
104 8.4 6.6 10.0



#28
Fluoranthene
Concen: 0.022 ng
RT: 19.096 min Scan# 1968
Delta R.T. -0.005 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

Tgt Ion:202 Resp: 2608
Ion Ratio Lower Upper
202 100
101 17.8 9.8 14.6#
203 19.3 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.229 min Scan# 2404

Delta R.T. -0.000 min

Lab File: BN032260.D

Acq: 26 Jun 2024 04:07

Instrument :

BNA_N

ClientSampleId :

GWBR-05-257-278-062424-FD

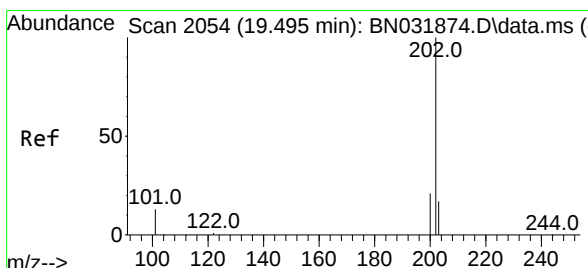
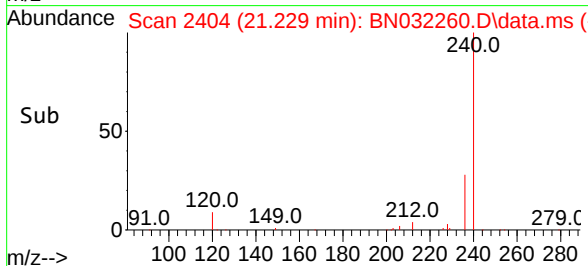
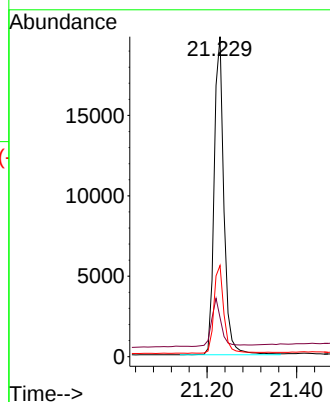
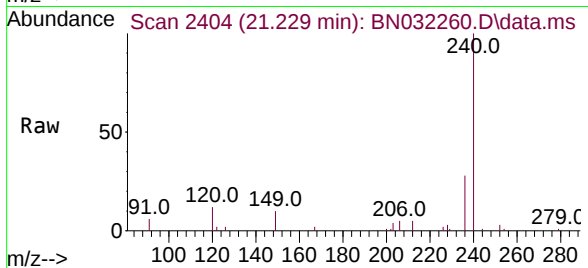
Tgt Ion:240 Resp: 30046

Ion Ratio Lower Upper

240 100

120 12.2 8.2 12.4

236 28.5 21.8 32.8



#30

Pyrene

Concen: 0.021 ng

RT: 19.458 min Scan# 2046

Delta R.T. -0.009 min

Lab File: BN032260.D

Acq: 26 Jun 2024 04:07

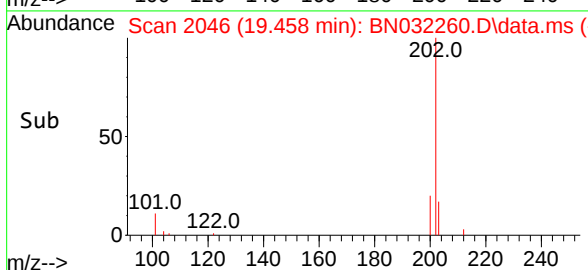
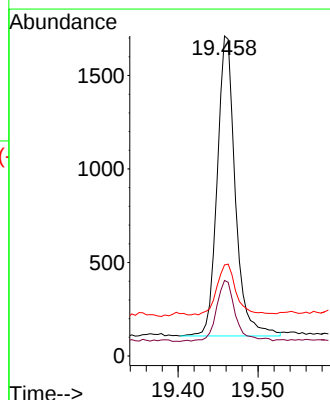
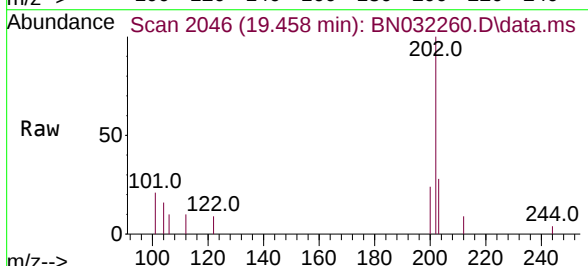
Tgt Ion:202 Resp: 2529

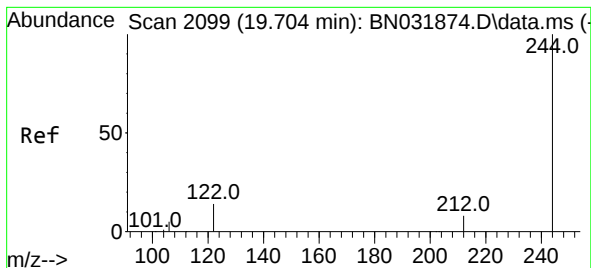
Ion Ratio Lower Upper

202 100

200 21.5 16.7 25.1

203 18.5 14.3 21.5





#31

Terphenyl-d14

Concen: 0.346 ng

RT: 19.662 min Scan# 2099

Delta R.T. -0.009 min

Lab File: BN032260.D

Acq: 26 Jun 2024 04:07

Instrument :

BNA_N

ClientSampleId :

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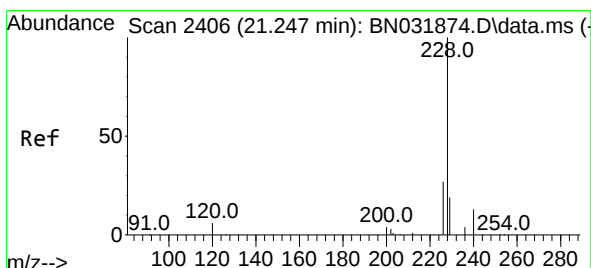
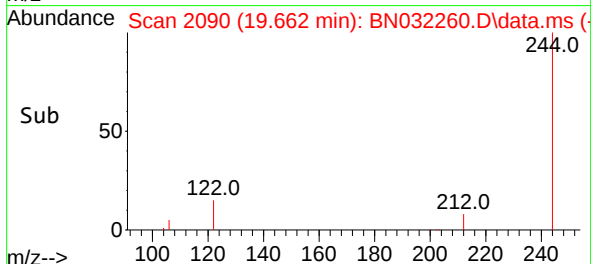
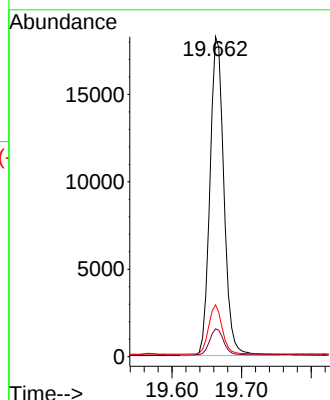
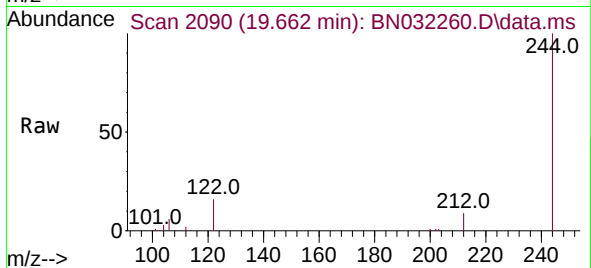
Tgt Ion:244 Resp: 25447

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

122 16.2 11.4 17.0



#32

Benzo(a)anthracene

Concen: 0.029 ng

RT: 21.211 min Scan# 2402

Delta R.T. -0.000 min

Lab File: BN032260.D

Acq: 26 Jun 2024 04:07

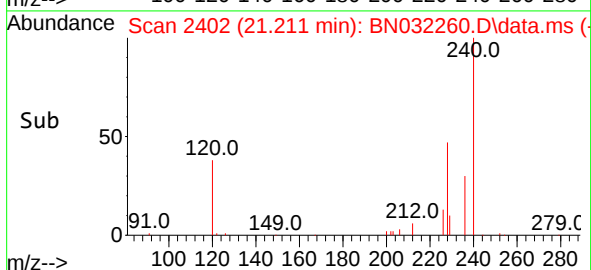
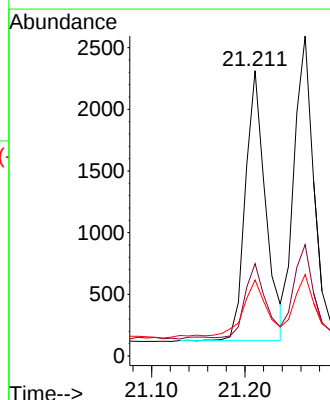
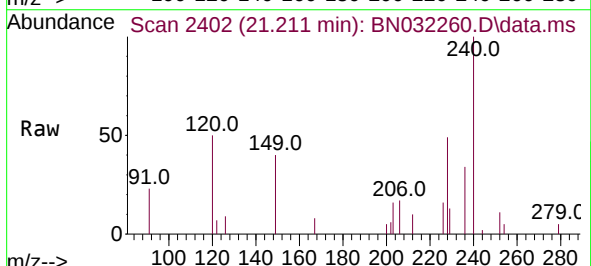
Tgt Ion:228 Resp: 3285

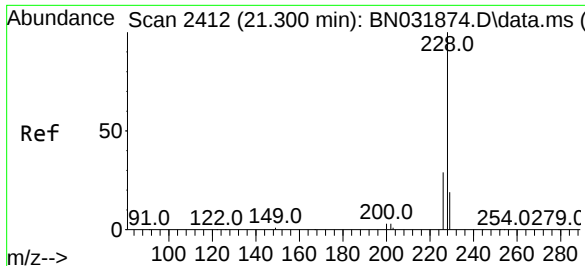
Ion Ratio Lower Upper

228 100

226 32.4 21.8 32.6

229 26.6 15.8 23.8#





#33

Chrysene

Concen: 0.033 ng

RT: 21.265 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BN032260.D

Acq: 26 Jun 2024 04:07

Instrument :

BNA_N

ClientSampleId :

GWBR-05-257-278-062424-FD

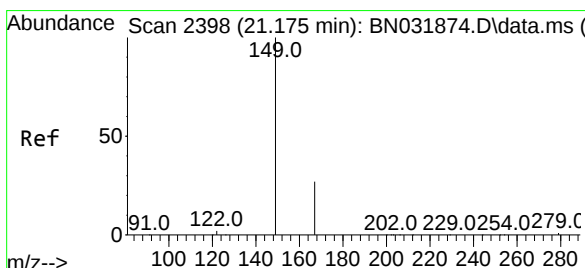
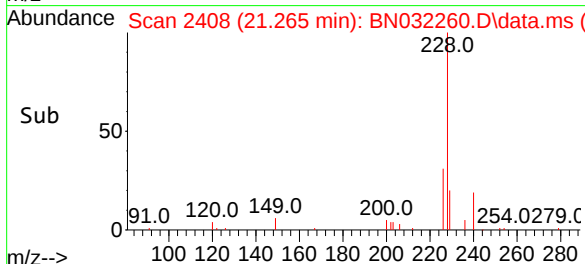
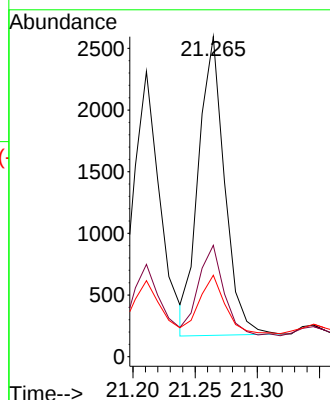
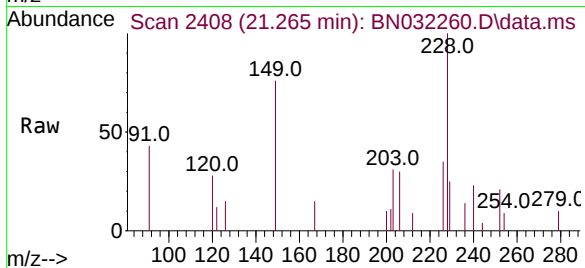
Tgt Ion:228 Resp: 3518

Ion Ratio Lower Upper

228 100

226 34.8 23.6 35.4

229 25.5 15.8 23.6#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.072 ng

RT: 21.130 min Scan# 2393

Delta R.T. -0.018 min

Lab File: BN032260.D

Acq: 26 Jun 2024 04:07

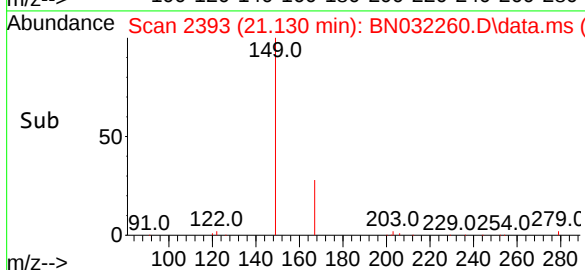
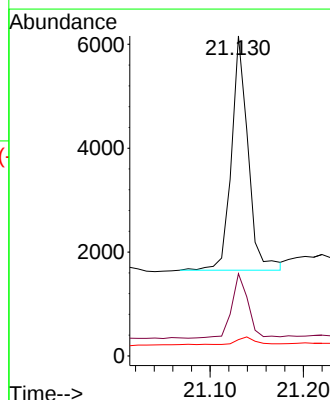
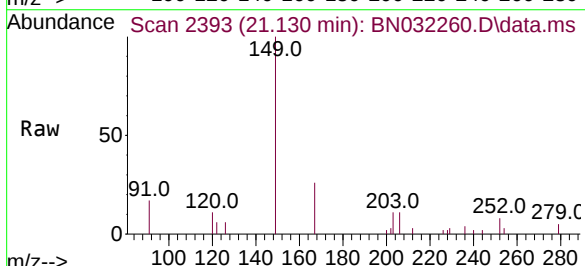
Tgt Ion:149 Resp: 5588

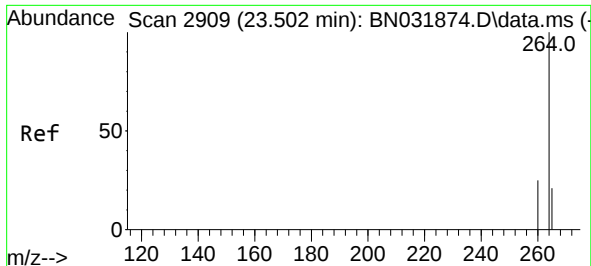
Ion Ratio Lower Upper

149 100

167 27.4 22.5 33.7

279 3.3 2.9 4.3

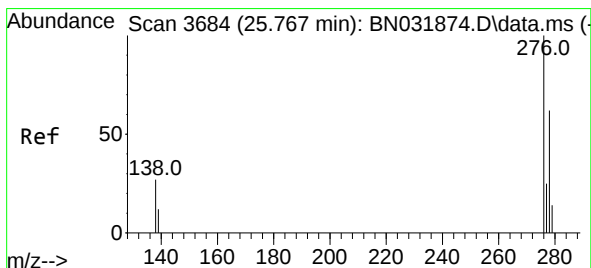
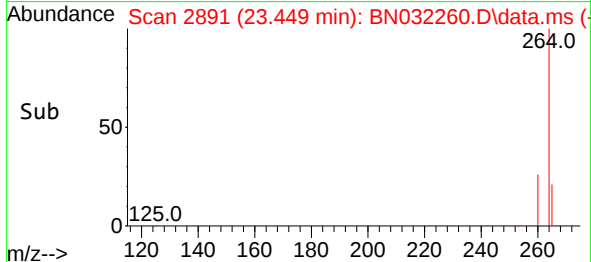
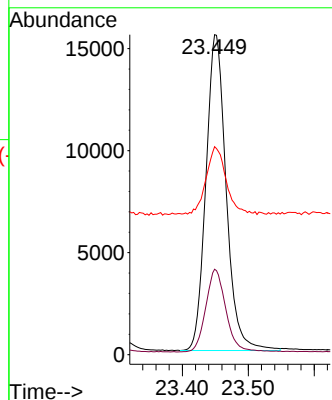
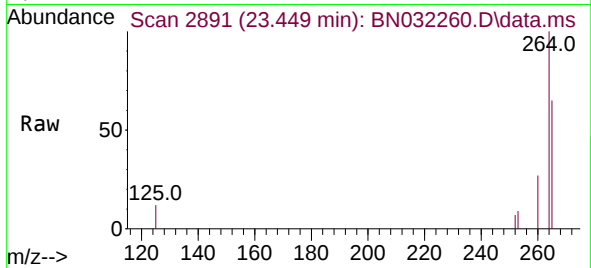




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.449 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

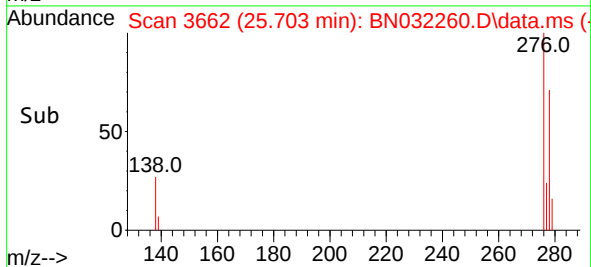
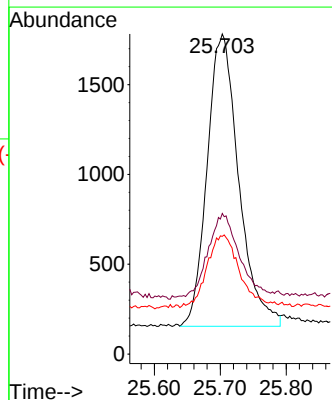
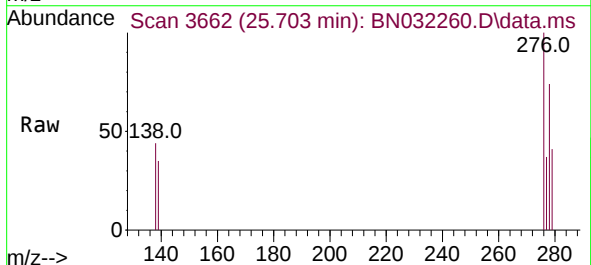
Instrument :
BNA_N
ClientSampleId :
GWBR-05-257-278-062424-FD

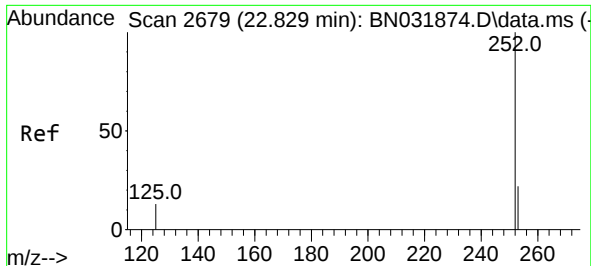
Tgt Ion:264 Resp: 33018
Ion Ratio Lower Upper
264 100
260 26.7 20.5 30.7
265 65.0 39.6 59.4#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.044 ng
RT: 25.703 min Scan# 3662
Delta R.T. 0.009 min
Lab File: BN032260.D
Acq: 26 Jun 2024 04:07

Tgt Ion:276 Resp: 5413
Ion Ratio Lower Upper
276 100
138 27.8 21.5 32.3
277 25.3 19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.043 ng

RT: 22.782 min Scan# 2663

Delta R.T. -0.003 min

Lab File: BN032260.D

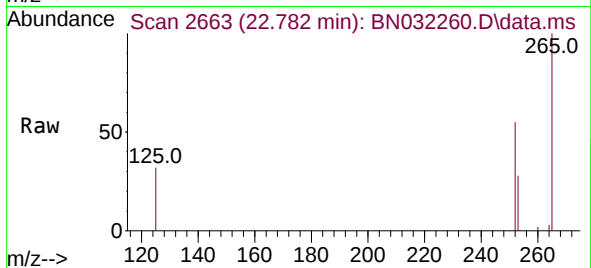
Acq: 26 Jun 2024 04:07

Instrument :

BNA_N

ClientSampleId :

GWBR-05-257-278-062424-FD



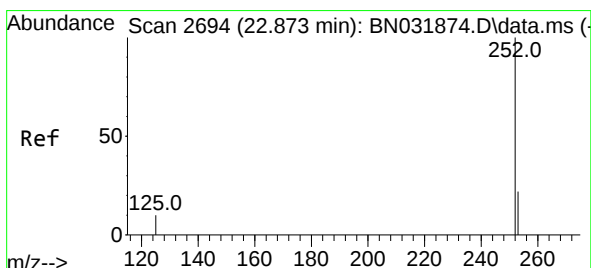
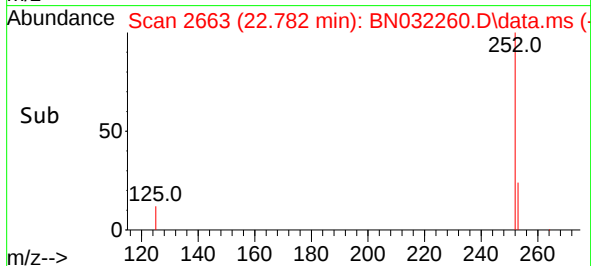
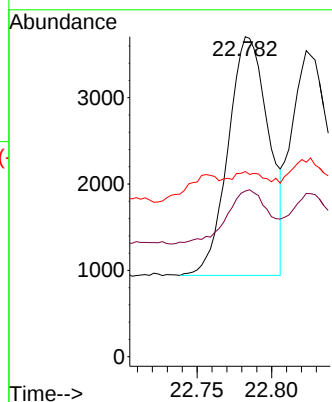
Tgt Ion:252 Resp: 5227

Ion Ratio Lower Upper

252 100

253 51.7 20.2 30.2#

125 57.9 14.2 21.4#



#38

Benzo(k)fluoranthene

Concen: 0.038 ng

RT: 22.823 min Scan# 2677

Delta R.T. -0.006 min

Lab File: BN032260.D

Acq: 26 Jun 2024 04:07

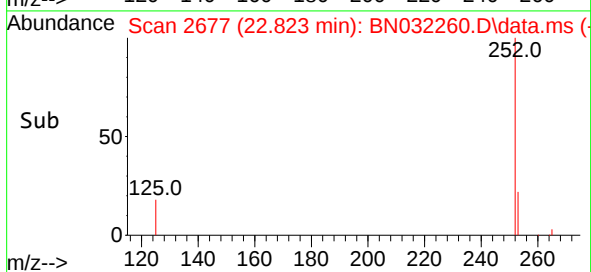
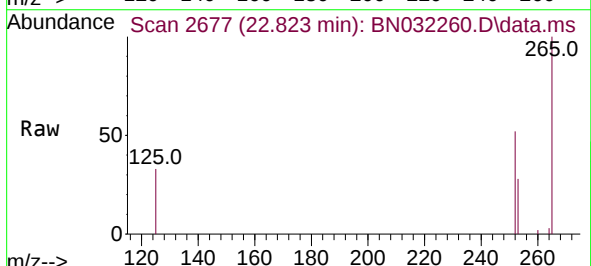
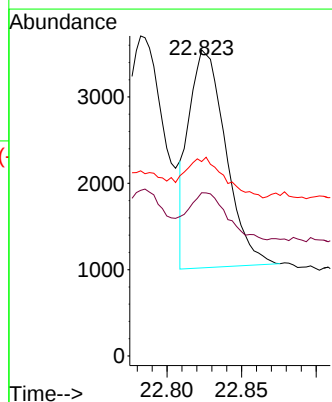
Tgt Ion:252 Resp: 4361

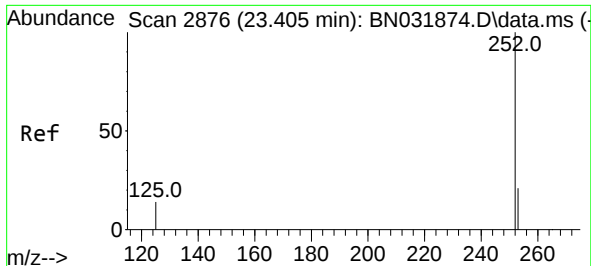
Ion Ratio Lower Upper

252 100

253 53.3 19.9 29.9#

125 63.6 13.0 19.4#





#39

Benzo(a)pyrene

Concen: 0.026 ng

RT: 23.355 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN032260.D

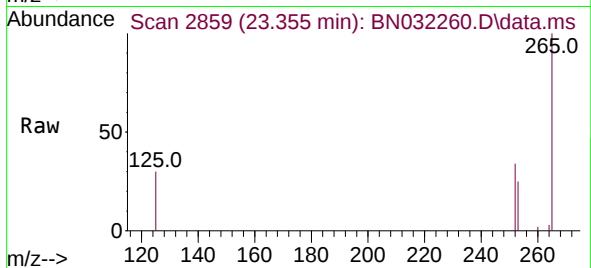
Acq: 26 Jun 2024 04:07

Instrument :

BNA_N

ClientSampleId :

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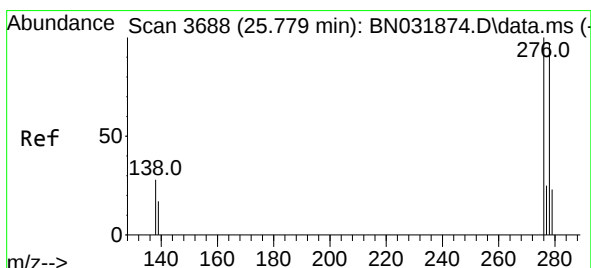
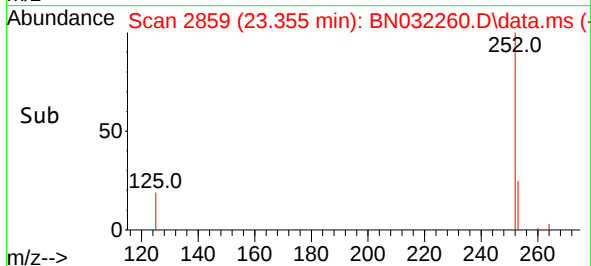
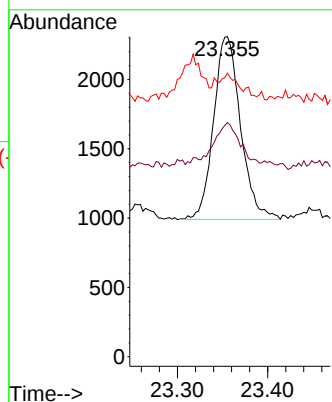
Tgt Ion:252 Resp: 2740

Ion Ratio Lower Upper

252 100

253 73.1 20.5 30.7#

125 88.6 16.4 24.6#



#40

Dibenzo(a,h)anthracene

Concen: 0.041 ng

RT: 25.712 min Scan# 3665

Delta R.T. 0.006 min

Lab File: BN032260.D

Acq: 26 Jun 2024 04:07

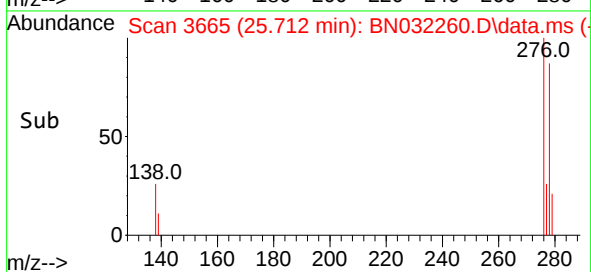
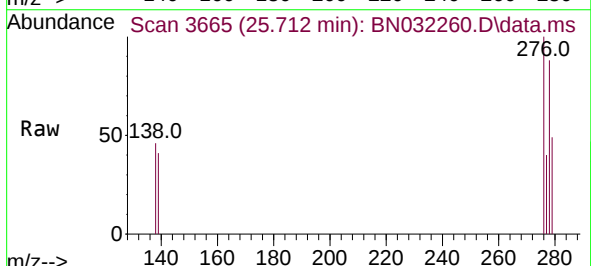
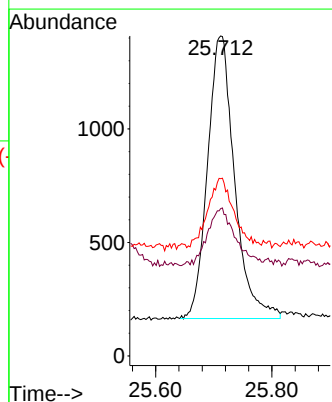
Tgt Ion:278 Resp: 4026

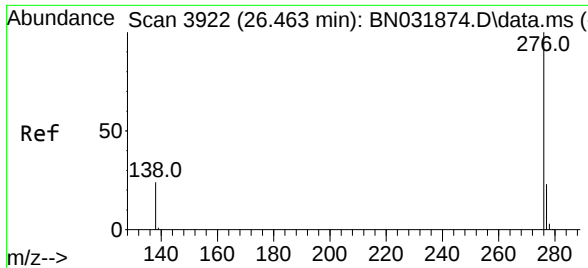
Ion Ratio Lower Upper

278 100

139 46.1 17.0 25.4#

279 55.4 21.4 32.0#





#41
 Benzo(g,h,i)perylene
 Concen: 0.038 ng
 RT: 26.390 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BN032260.D
 Acq: 26 Jun 2024 04:07

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-257-278-062424-FD

Tgt Ion:	276	Resp:	3916
Ion	Ratio	Lower	Upper
276	100		
277	41.0	20.2	30.2#
138	46.5	20.6	31.0#

