

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
 Data File : BN032133.D
 Acq On : 21 Jun 2024 16:09
 Operator : MA/JU
 Sample : P2978-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-115-142-061924

Quant Time: Jun 21 16:56:59 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)

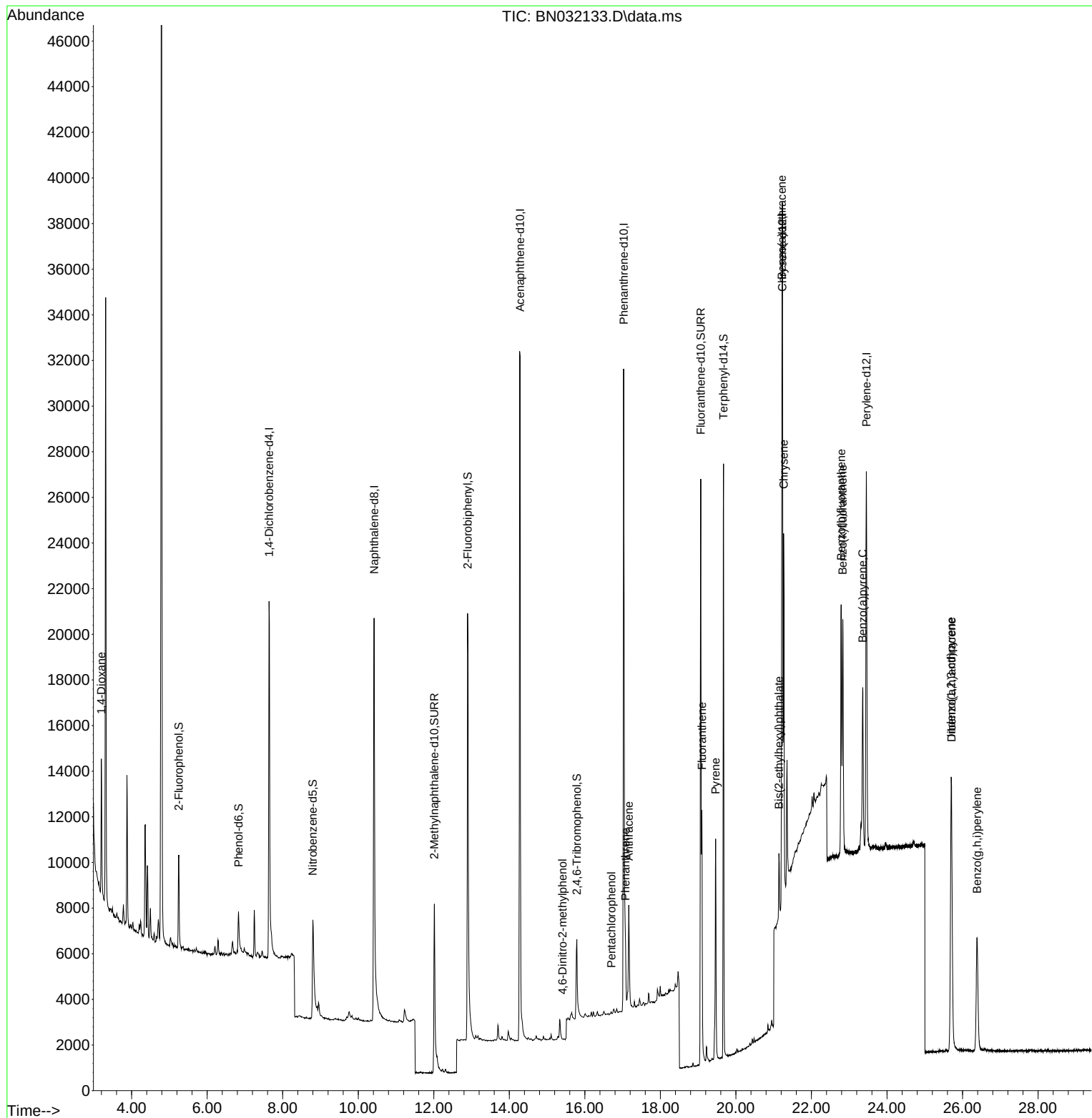
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	9406	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	32347	0.400	ng	0.00
13) Acenaphthene-d10	14.285	164	21342	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	41884	0.400	ng	# 0.00
29) Chrysene-d12	21.229	240	24688	0.400	ng	# 0.00
35) Perylene-d12	23.455	264	23316	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	4009	0.150	ng	0.00
5) Phenol-d6	6.830	99	2864	0.082	ng	0.00
8) Nitrobenzene-d5	8.798	82	6476	0.241	ng	0.00
11) 2-Methylnaphthalene-d10	12.017	152	13850	0.269	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	2666	0.261	ng	0.00
15) 2-Fluorobiphenyl	12.895	172	23203	0.287	ng	-0.01
27) Fluoranthene-d10	19.068	212	31884	0.280	ng	0.00
31) Terphenyl-d14	19.672	244	24929	0.413	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.197	88	3974	0.345	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.407	198	5	0.175	ng	# 1
24) Pentachlorophenol	16.706	266	55	0.174	ng	# 61
25) Phenanthrene	17.078	178	3000	0.026	ng	96
26) Anthracene	17.165	178	5555	0.052	ng	100
28) Fluoranthene	19.100	202	8970	0.064	ng	# 93
30) Pyrene	19.463	202	9266	0.094	ng	99
32) Benzo(a)anthracene	21.220	228	13921	0.150	ng	98
33) Chrysene	21.265	228	13496	0.154	ng	96
34) Bis(2-ethylhexyl)phtha...	21.139	149	3115	0.049	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.700	276	15058	0.173	ng	99
37) Benzo(b)fluoranthene	22.785	252	14566	0.171	ng	# 82
38) Benzo(k)fluoranthene	22.829	252	14005	0.174	ng	# 78
39) Benzo(a)pyrene	23.358	252	10766	0.147	ng	# 69
40) Dibenzo(a,h)anthracene	25.709	278	11549	0.169	ng	# 88
41) Benzo(g,h,i)perylene	26.384	276	11309	0.154	ng	# 90

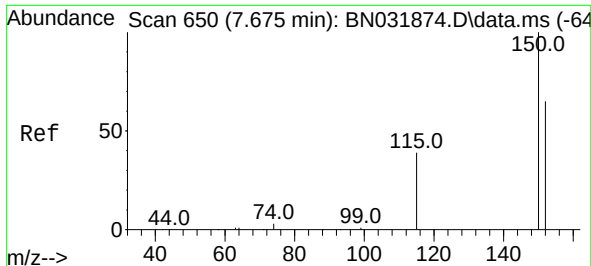
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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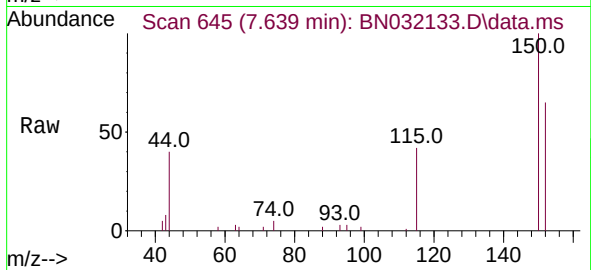
Quant Time: Jun 21 16:56:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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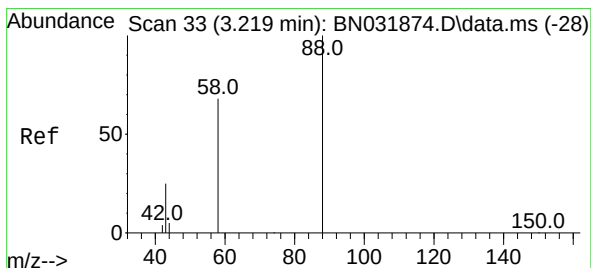
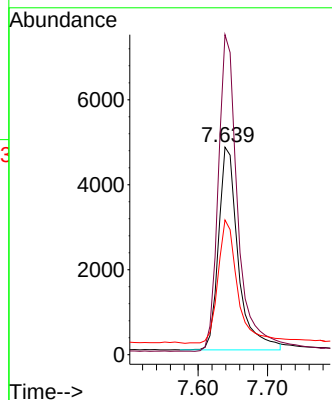
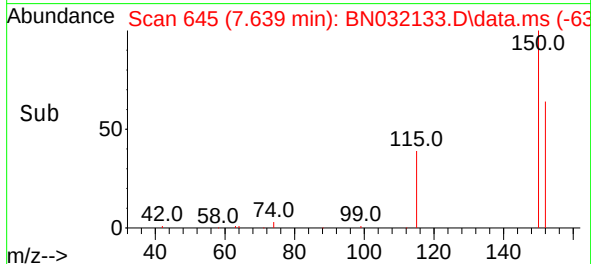


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.639 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN032133.D
Acq: 21 Jun 2024 16:09

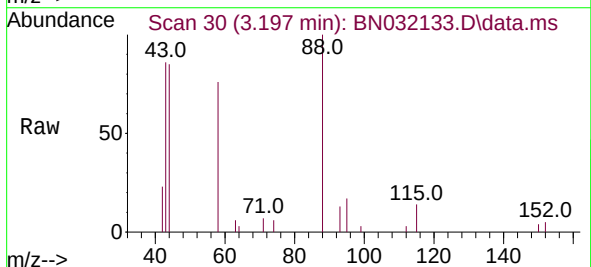
Instrument :
BNA_N
ClientSampleId :
GWBR-05-115-142-061924



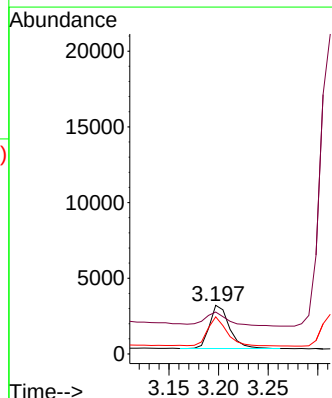
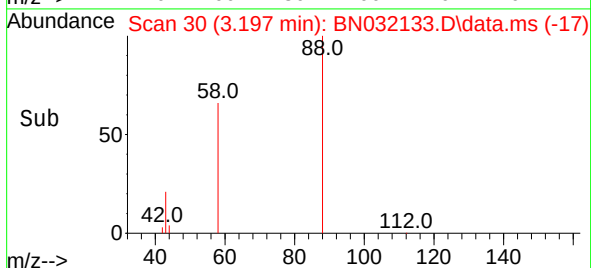
Tgt Ion:152 Resp: 9406
Ion Ratio Lower Upper
152 100
150 154.2 121.0 181.4
115 64.9 49.4 74.0

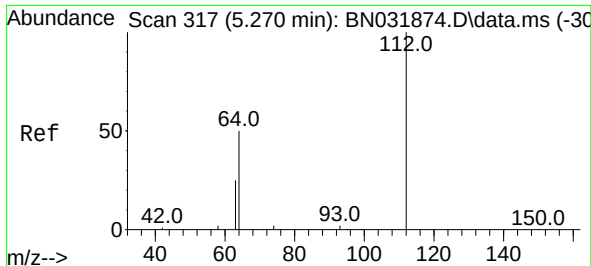


#2
1,4-Dioxane
Concen: 0.345 ng
RT: 3.197 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN032133.D
Acq: 21 Jun 2024 16:09



Tgt Ion: 88 Resp: 3974
Ion Ratio Lower Upper
88 100
43 37.6 22.7 34.1#
58 64.5 51.3 76.9

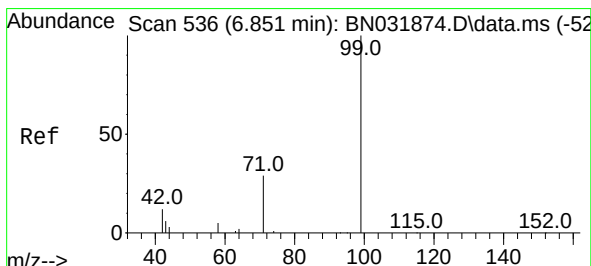
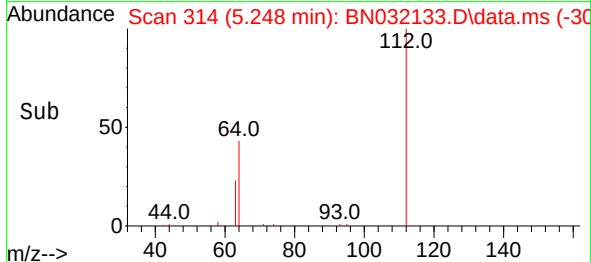
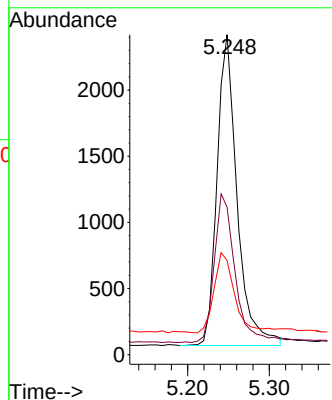
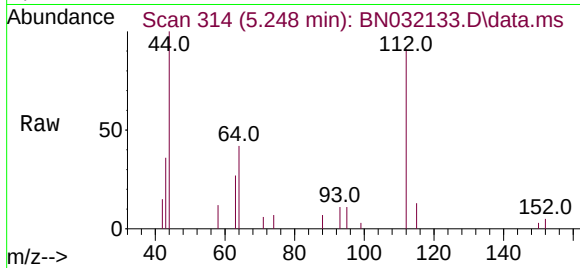




#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.248 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN032133.D
Acq: 21 Jun 2024 16:09

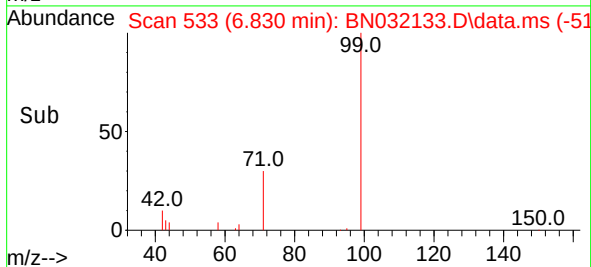
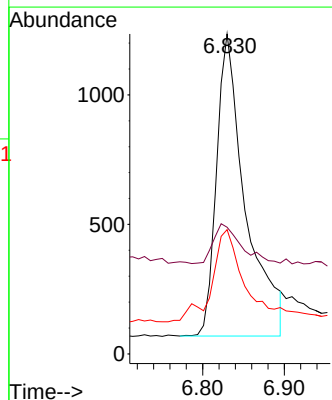
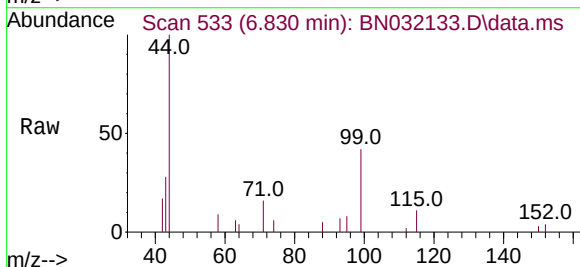
Instrument :
BNA_N
ClientSampleId :
GWBR-05-115-142-061924

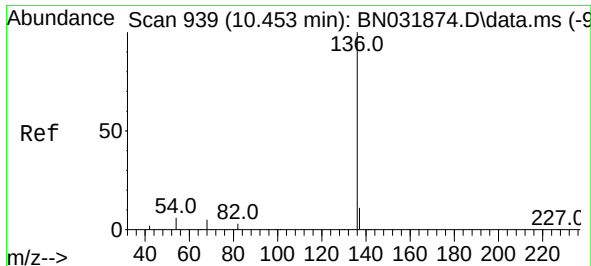
Tgt Ion:	112	Resp:	4009
Ion Ratio	Lower	Upper	
112	100		
64	49.5	42.4	63.6
63	26.5	22.1	33.1



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.830 min Scan# 533
Delta R.T. -0.000 min
Lab File: BN032133.D
Acq: 21 Jun 2024 16:09

Tgt Ion:	99	Resp:	2864
Ion Ratio	Lower	Upper	
99	100		
42	12.4	12.8	19.2#
71	33.1	25.4	38.2

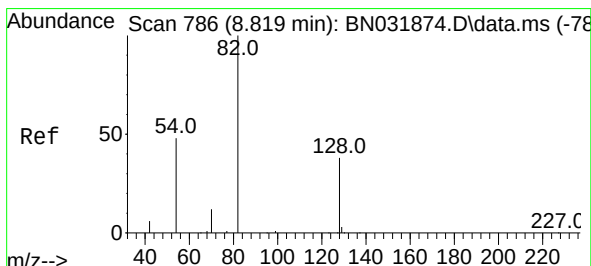
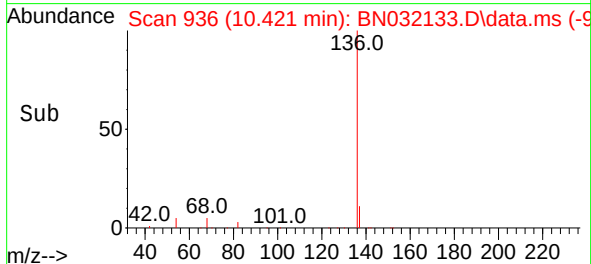
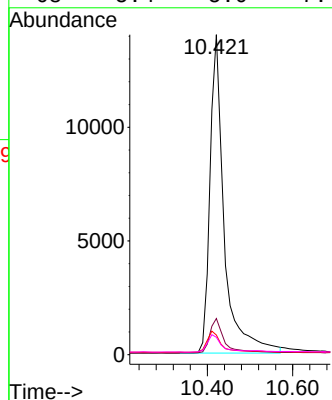
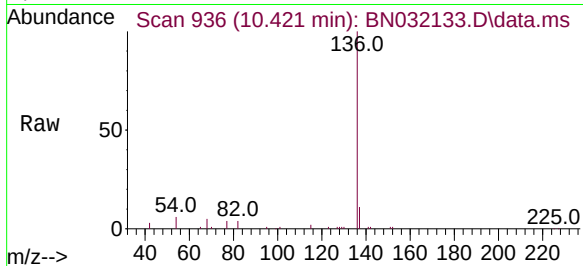




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN032133.D
Acq: 21 Jun 2024 16:09

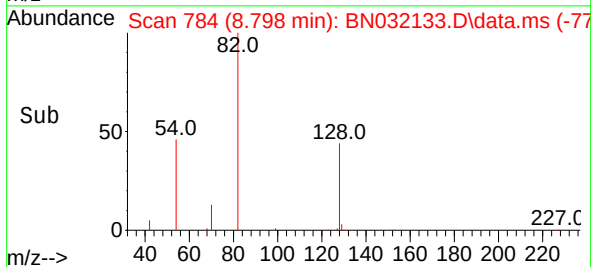
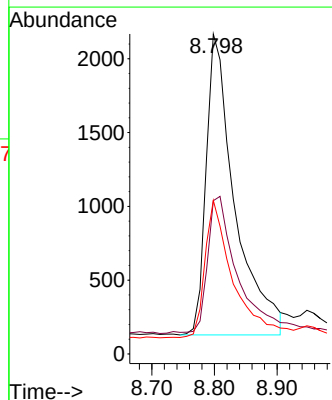
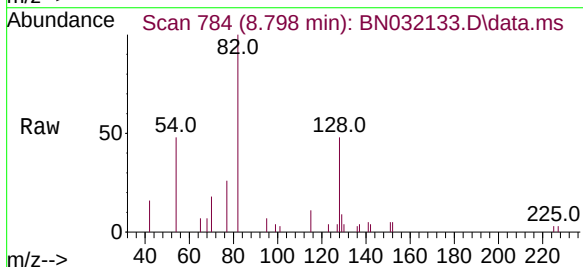
Instrument :
BNA_N
ClientSampleId :
GWBR-05-115-142-061924

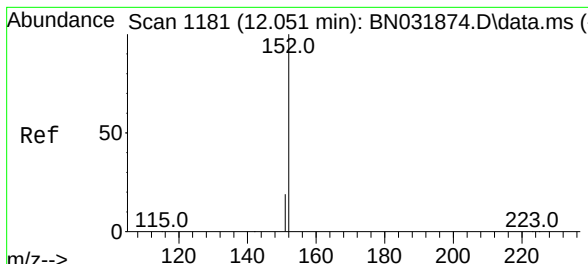
Tgt Ion:136	Resp:	32347
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	6.1	5.6 8.4
68	5.4	5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.241 ng
RT: 8.798 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN032133.D
Acq: 21 Jun 2024 16:09

Tgt Ion: 82	Resp:	6476
Ion Ratio	Lower	Upper
82	100	
128	47.9	32.1 48.1
54	48.0	39.7 59.5



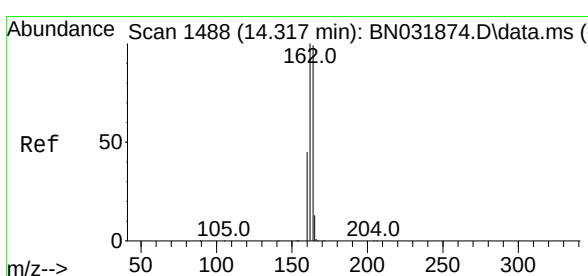
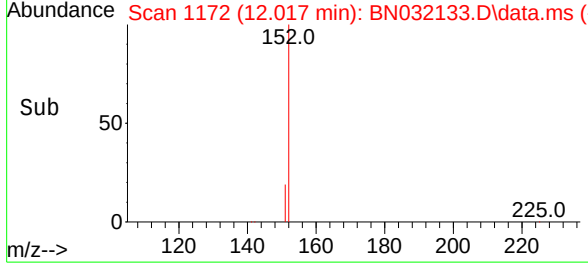
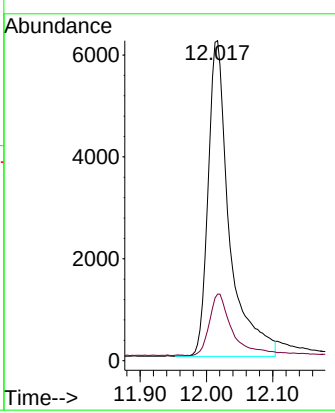
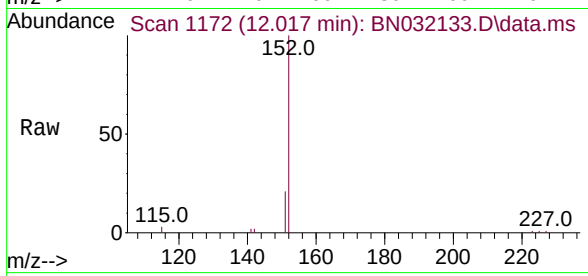


#11
 2-Methylnaphthalene-d10
 Concen: 0.269 ng
 RT: 12.017 min Scan# 1181
 Delta R.T. -0.004 min
 Lab File: BN032133.D
 Acq: 21 Jun 2024 16:09

Instrument : BNA_N
 ClientSampleId : GWBR-05-115-142-061924

Tgt Ion:152 Resp: 13850

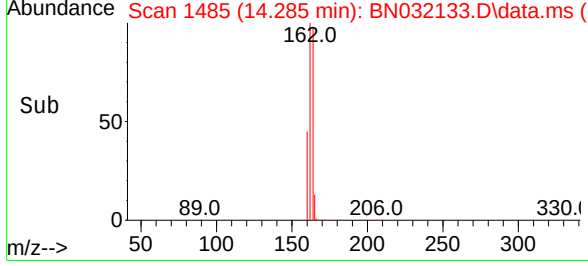
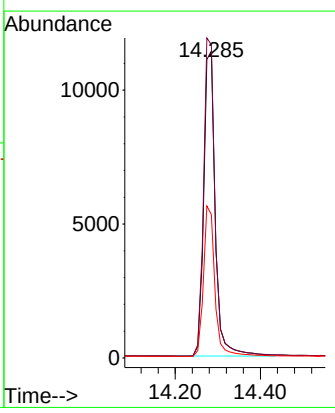
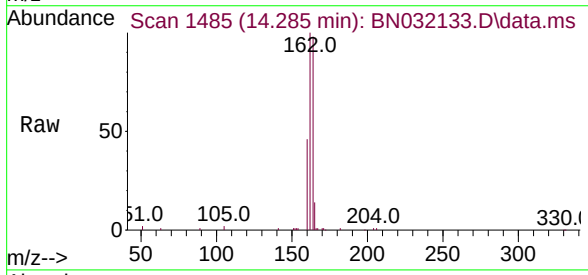
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5

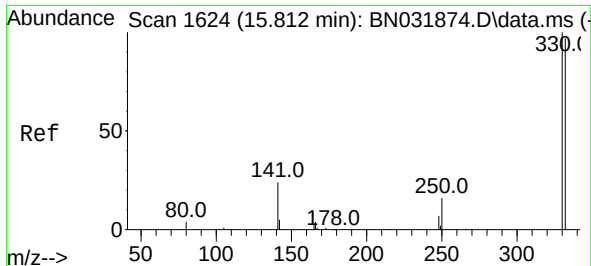


#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.285 min Scan# 1485
 Delta R.T. -0.000 min
 Lab File: BN032133.D
 Acq: 21 Jun 2024 16:09

Tgt Ion:164 Resp: 21342

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.7	121.1
160	46.8	36.2	54.4

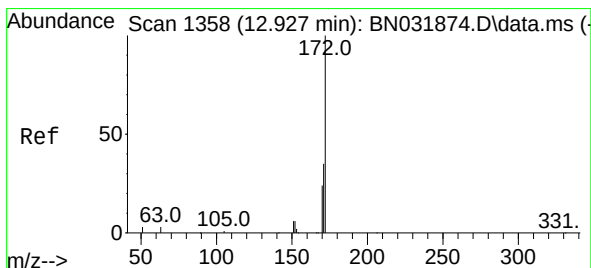
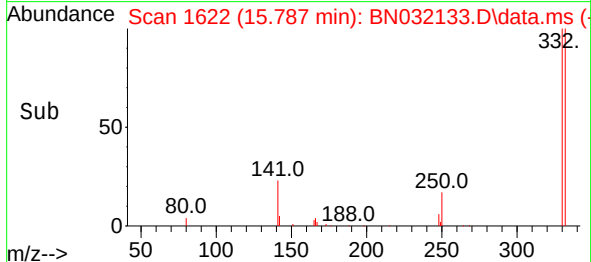
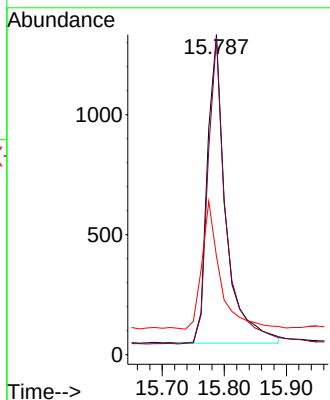
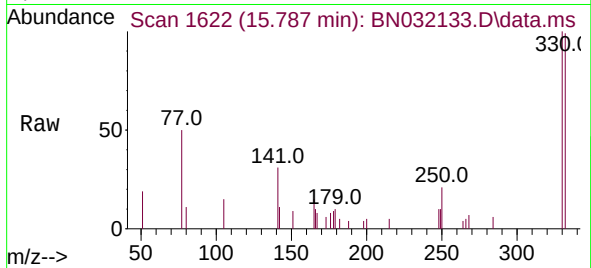




#14
2,4,6-Tribromophenol
Concen: 0.261 ng
RT: 15.787 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN032133.D
Acq: 21 Jun 2024 16:09

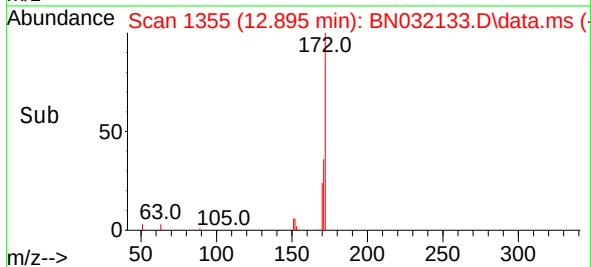
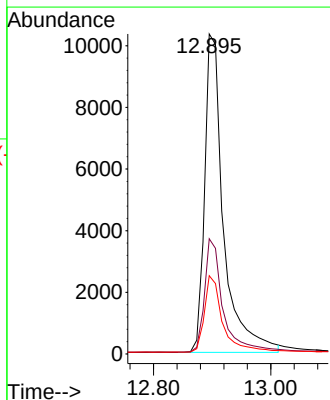
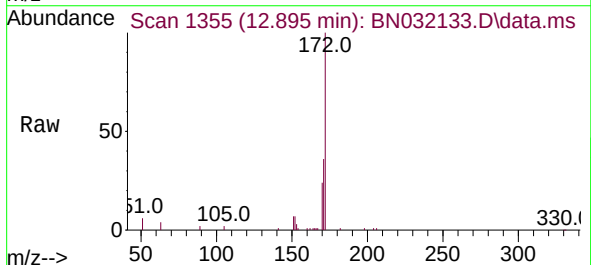
Instrument :
BNA_N
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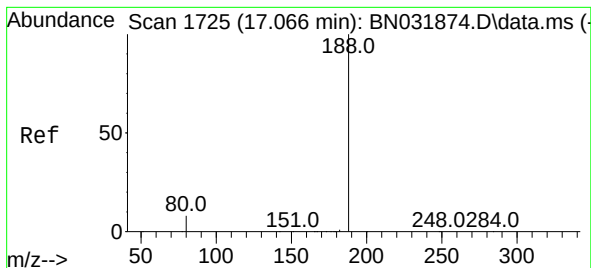
Tgt Ion:330 Resp: 2666
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 39.6 34.7 52.1



#15
2-Fluorobiphenyl
Concen: 0.287 ng
RT: 12.895 min Scan# 1355
Delta R.T. -0.011 min
Lab File: BN032133.D
Acq: 21 Jun 2024 16:09

Tgt Ion:172 Resp: 23203
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 24.4 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: BN032133.D

Acq: 21 Jun 2024 16:09

Instrument :

BNA_N

ClientSampleId :

GWBR-05-115-142-061924

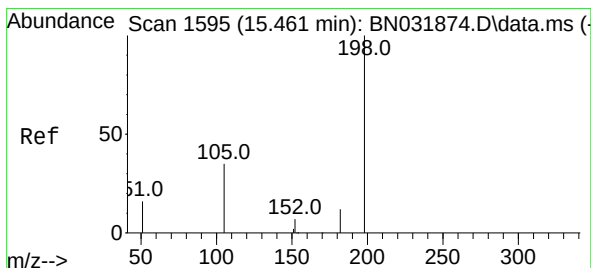
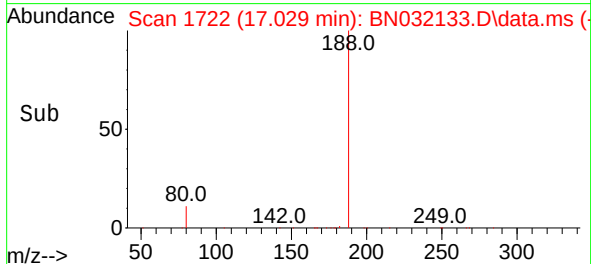
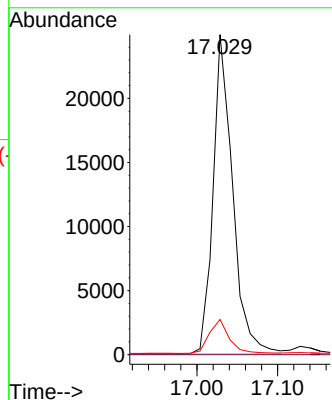
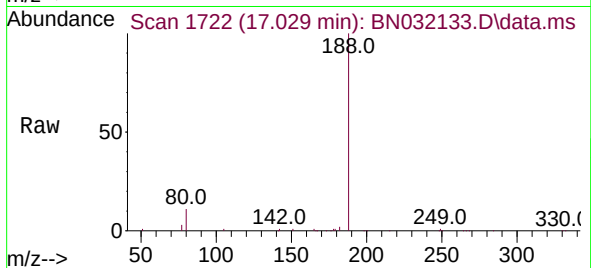
Tgt Ion:188 Resp: 41884

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.0 6.4 9.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.175 ng

RT: 15.407 min Scan# 1590

Delta R.T. -0.032 min

Lab File: BN032133.D

Acq: 21 Jun 2024 16:09

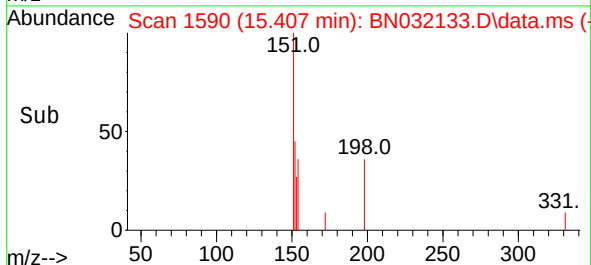
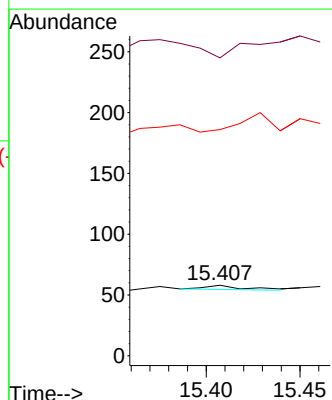
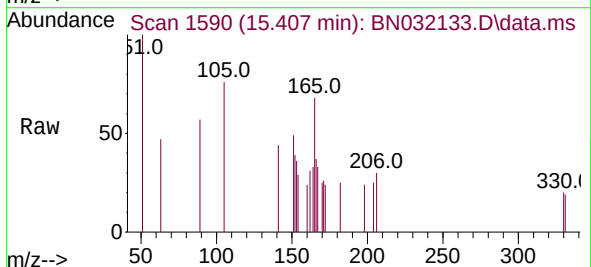
Tgt Ion:198 Resp: 5

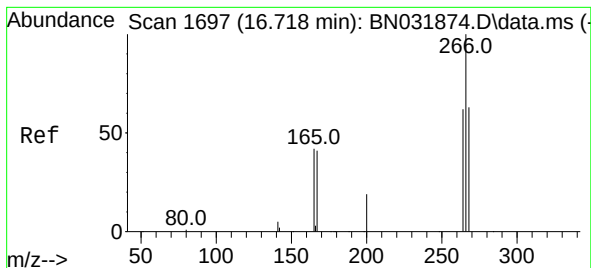
Ion Ratio Lower Upper

198 100

51 422.4 42.7 64.1#

105 320.7 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.174 ng

RT: 16.706 min Scan# 1696

Delta R.T. 0.012 min

Lab File: BN032133.D

Acq: 21 Jun 2024 16:09

Instrument :

BNA_N

ClientSampleId :

GWBR-05-115-142-061924

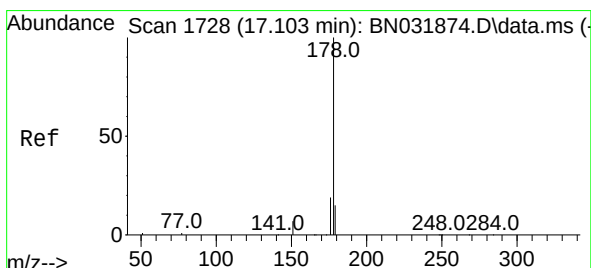
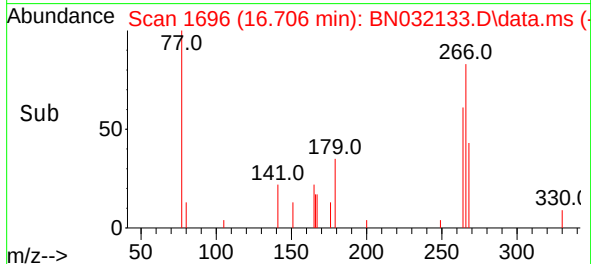
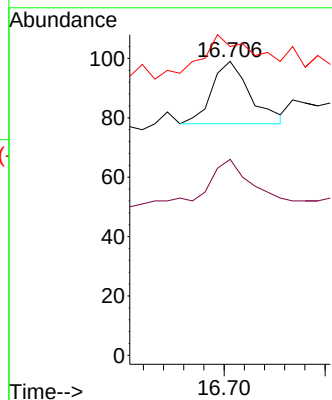
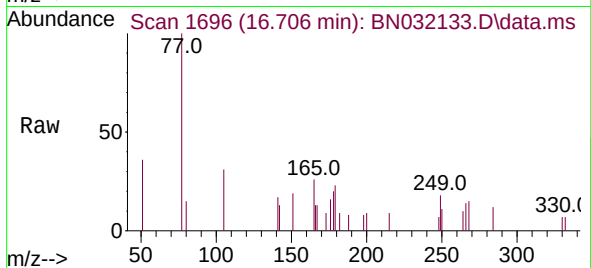
Tgt Ion:266 Resp: 55

Ion Ratio Lower Upper

266 100

264 80.0 50.0 75.0#

268 107.3 51.0 76.6#



#25

Phenanthrene

Concen: 0.026 ng

RT: 17.078 min Scan# 1726

Delta R.T. -0.000 min

Lab File: BN032133.D

Acq: 21 Jun 2024 16:09

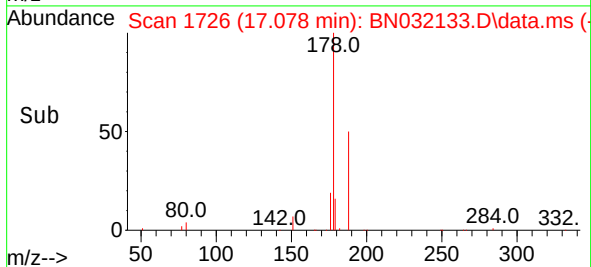
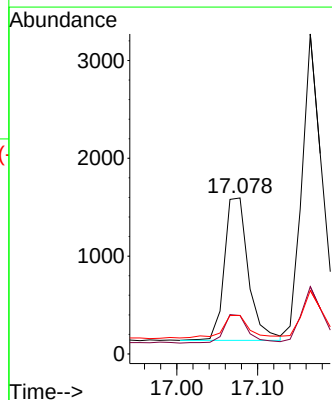
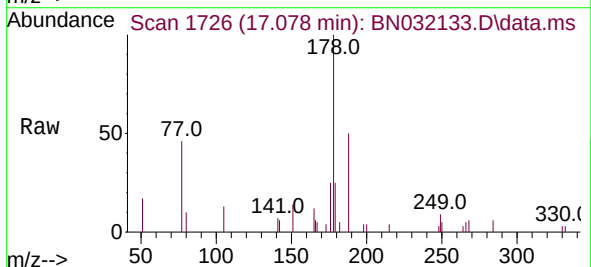
Tgt Ion:178 Resp: 3000

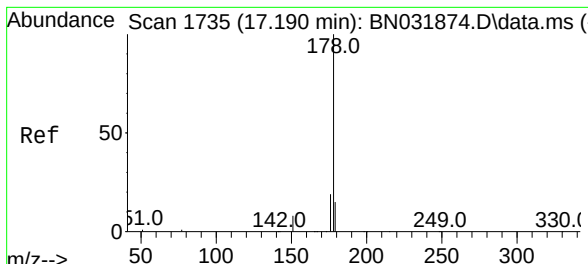
Ion Ratio Lower Upper

178 100

176 20.3 15.4 23.0

179 17.5 12.2 18.2

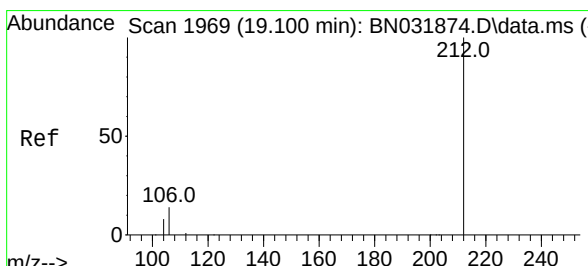
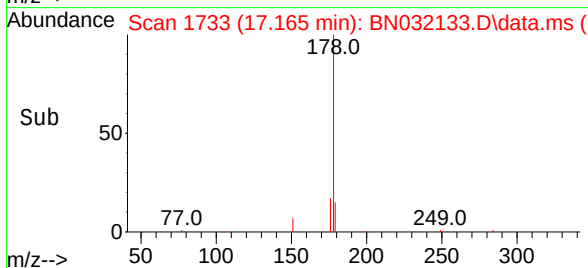
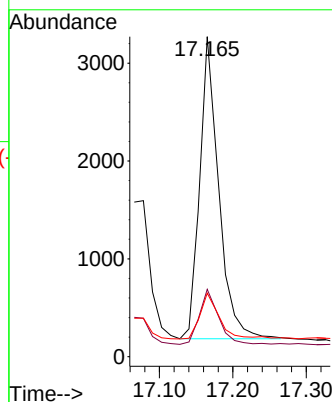
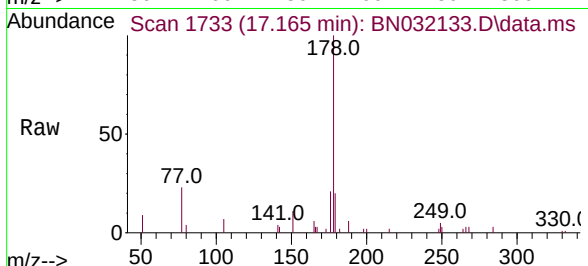




#26
 Anthracene
 Concen: 0.052 ng
 RT: 17.165 min Scan# 1733
 Delta R.T. -0.000 min
 Lab File: BN032133.D
 Acq: 21 Jun 2024 16:09

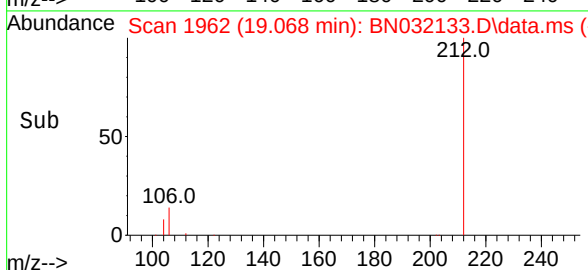
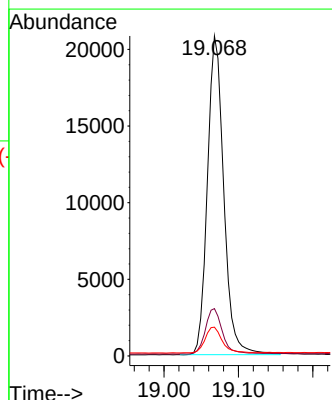
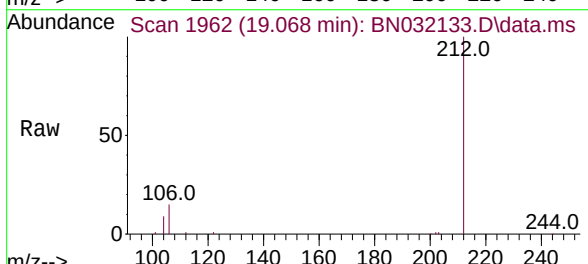
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-115-142-061924

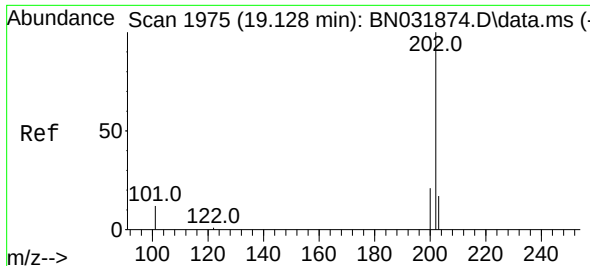
Tgt Ion:	178	Resp:	5555
Ion Ratio	Lower	Upper	
178	100		
176	18.5	14.8	22.2
179	15.4	12.2	18.2



#27
 Fluoranthene-d10
 Concen: 0.280 ng
 RT: 19.068 min Scan# 1962
 Delta R.T. -0.005 min
 Lab File: BN032133.D
 Acq: 21 Jun 2024 16:09

Tgt Ion:	212	Resp:	31884
Ion Ratio	Lower	Upper	
212	100		
106	14.8	11.8	17.8
104	8.5	6.6	10.0

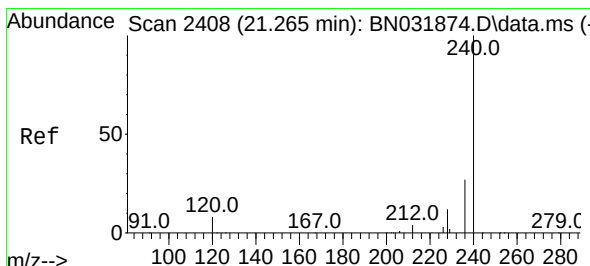
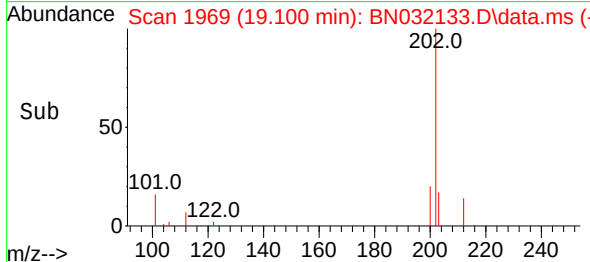
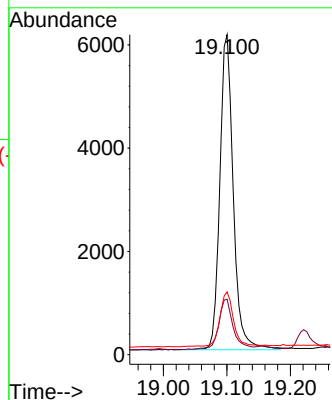
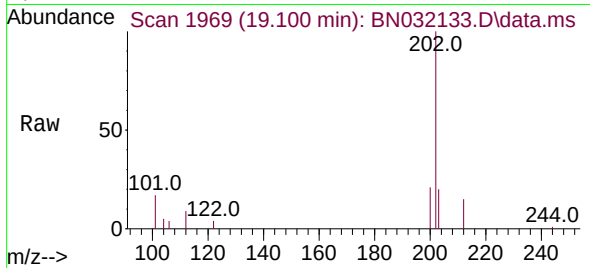




#28
Fluoranthene
Concen: 0.064 ng
RT: 19.100 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BN032133.D
Acq: 21 Jun 2024 16:09

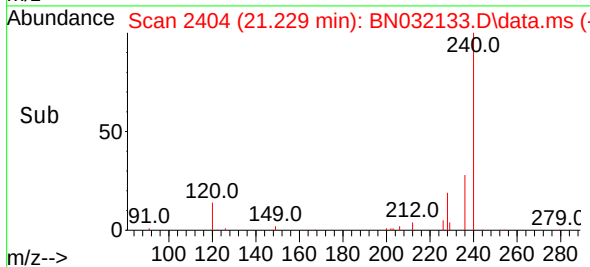
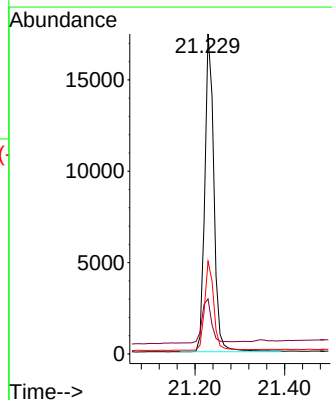
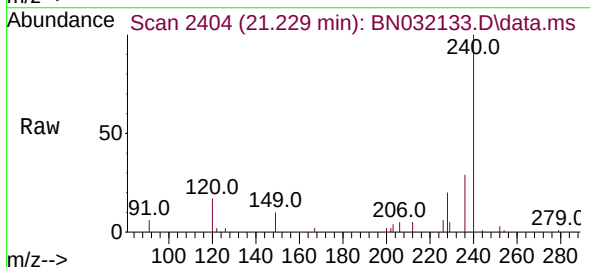
Instrument :
BNA_N
ClientSampleId :
GWBR-05-115-142-061924

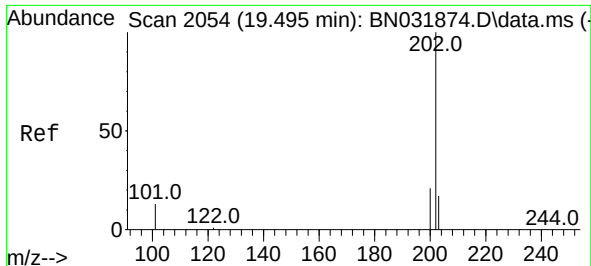
Tgt Ion:202 Resp: 8970
Ion Ratio Lower Upper
202 100
101 17.4 9.8 14.6#
203 18.2 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BN032133.D
Acq: 21 Jun 2024 16:09

Tgt Ion:240 Resp: 24688
Ion Ratio Lower Upper
240 100
120 17.2 8.2 12.4#
236 29.0 21.8 32.8

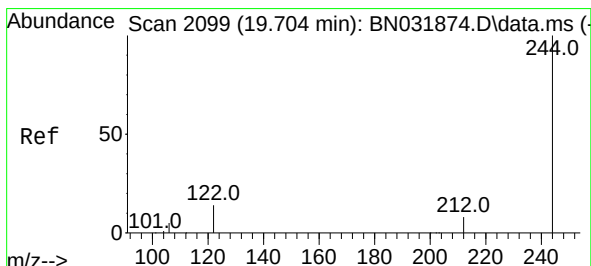
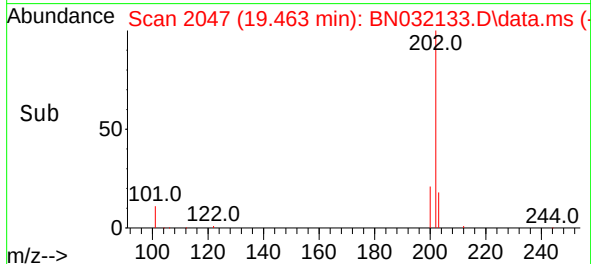
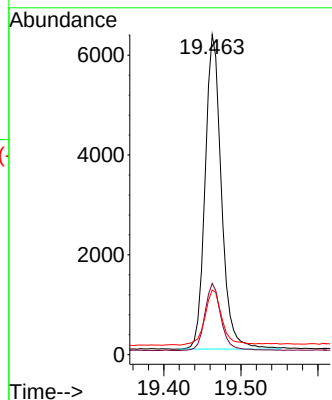
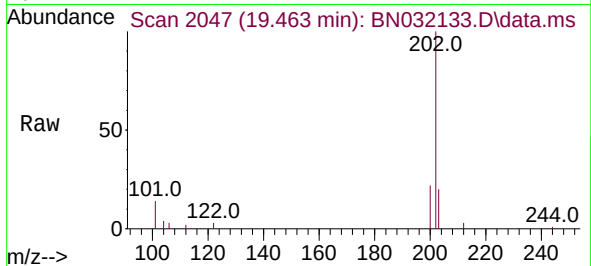




#30
Pyrene
Concen: 0.094 ng
RT: 19.463 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BN032133.D
Acq: 21 Jun 2024 16:09

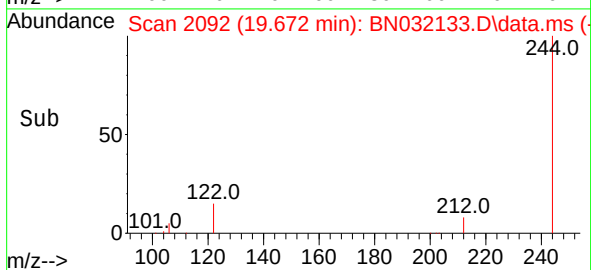
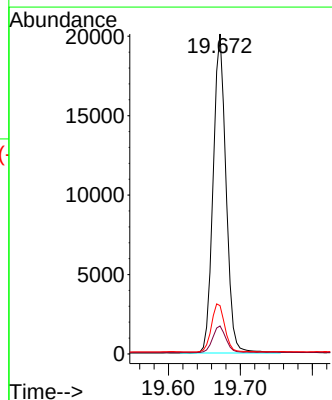
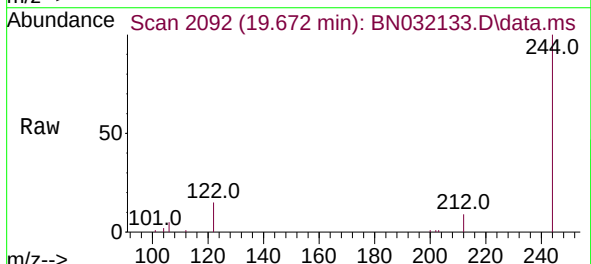
Instrument :
BNA_N
ClientSampleId :
GWBR-05-115-142-061924

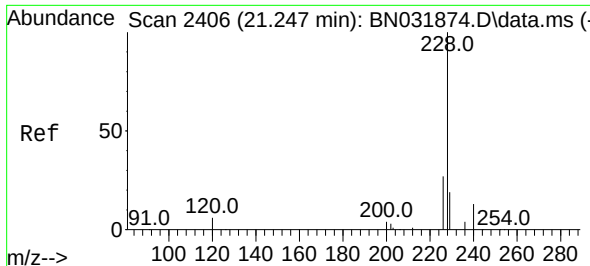
Tgt Ion:202 Resp: 9266
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 18.5 14.3 21.5



#31
Terphenyl-d14
Concen: 0.413 ng
RT: 19.672 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BN032133.D
Acq: 21 Jun 2024 16:09

Tgt Ion:244 Resp: 24929
Ion Ratio Lower Upper
244 100
212 8.8 6.5 9.7
122 15.1 11.4 17.0

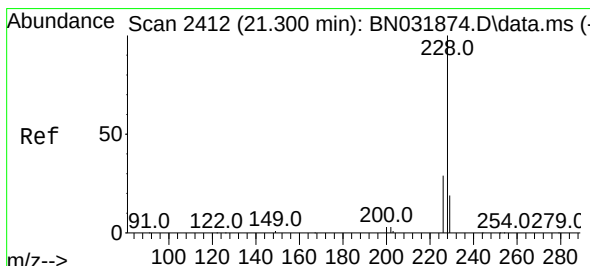
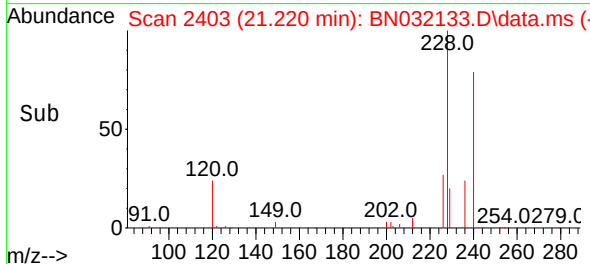
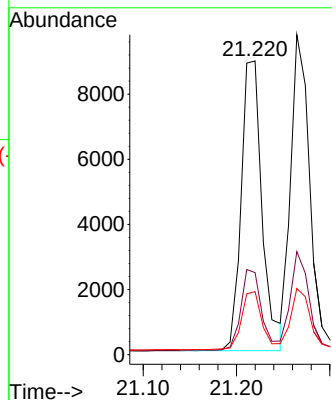
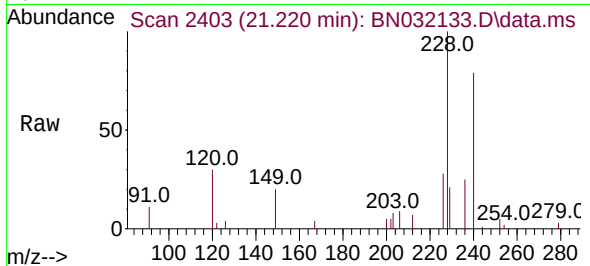




#32
Benzo(a)anthracene
Concen: 0.150 ng
RT: 21.220 min Scan# 2403
Delta R.T. 0.009 min
Lab File: BN032133.D
Acq: 21 Jun 2024 16:09

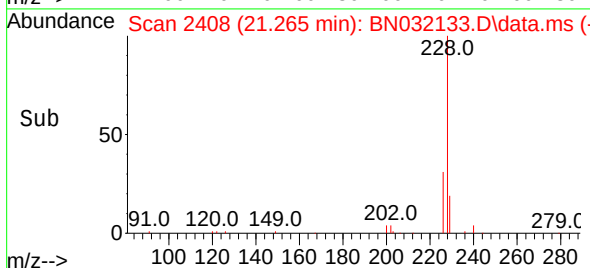
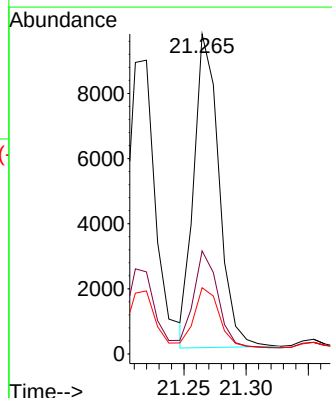
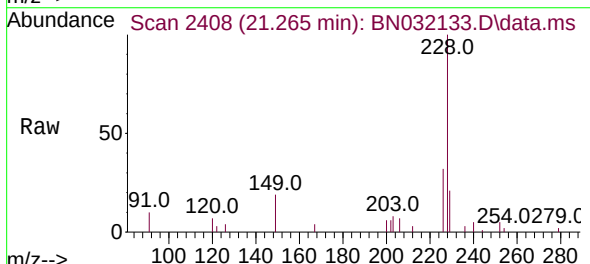
Instrument :
BNA_N
ClientSampleId :
GWBR-05-115-142-061924

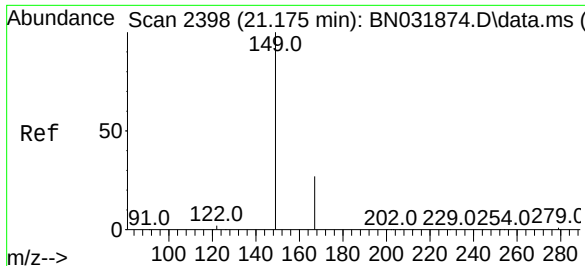
Tgt Ion:228 Resp: 13921
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.6
229 21.5 15.8 23.8



#33
Chrysene
Concen: 0.154 ng
RT: 21.265 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BN032133.D
Acq: 21 Jun 2024 16:09

Tgt Ion:228 Resp: 13496
Ion Ratio Lower Upper
228 100
226 32.2 23.6 35.4
229 20.7 15.8 23.6

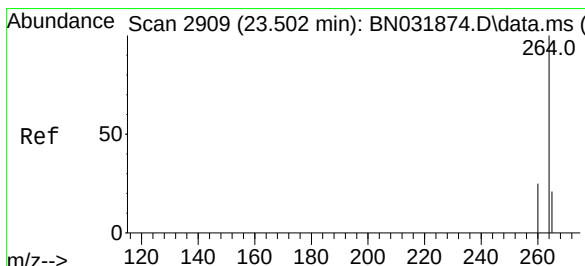
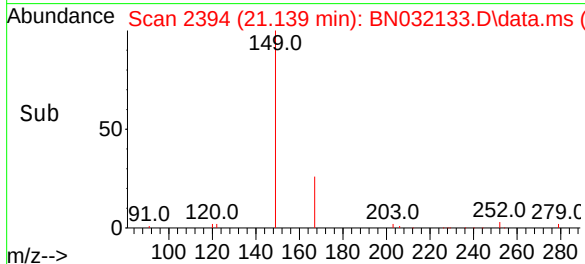
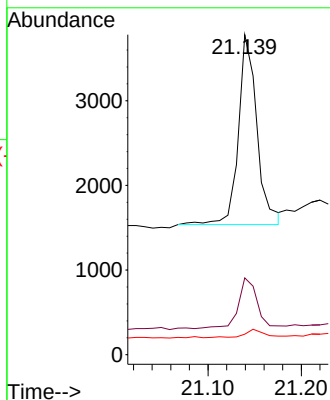
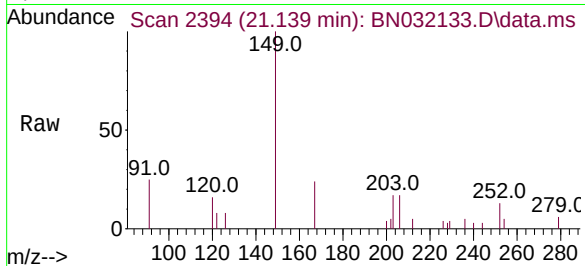




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.049 ng
 RT: 21.139 min Scan# 2115
 Delta R.T. -0.009 min
 Lab File: BN032133.D
 Acq: 21 Jun 2024 16:09

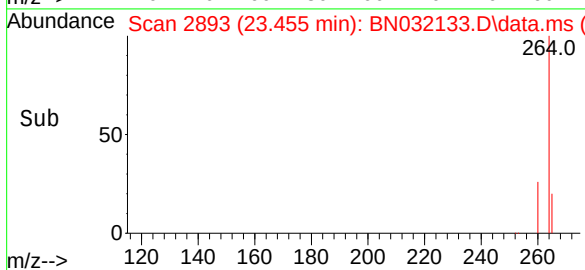
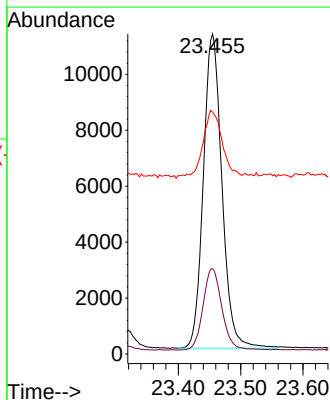
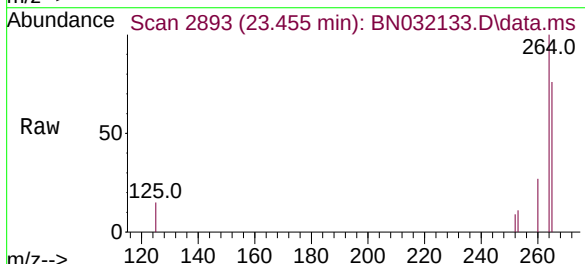
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-115-142-061924

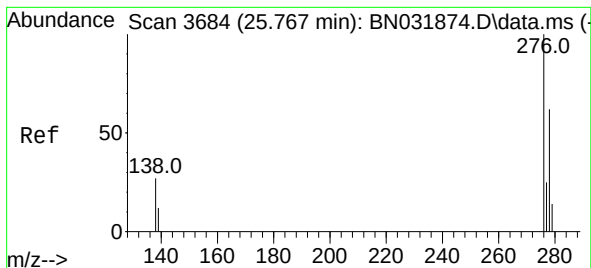
Tgt Ion:149 Resp: 3115
 Ion Ratio Lower Upper
 149 100
 167 26.4 22.5 33.7
 279 4.4 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.455 min Scan# 2893
 Delta R.T. 0.003 min
 Lab File: BN032133.D
 Acq: 21 Jun 2024 16:09

Tgt Ion:264 Resp: 23316
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.5 30.7
 265 75.6 39.6 59.4#





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.173 ng

RT: 25.700 min Scan# 3

Delta R.T. 0.006 min

Lab File: BN032133.D

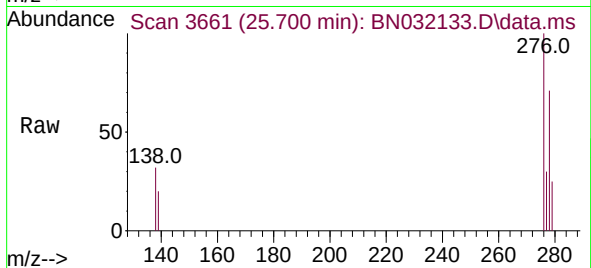
Acq: 21 Jun 2024 16:09

Instrument :

BNA_N

ClientSampleId :

GWBR-05-115-142-061924



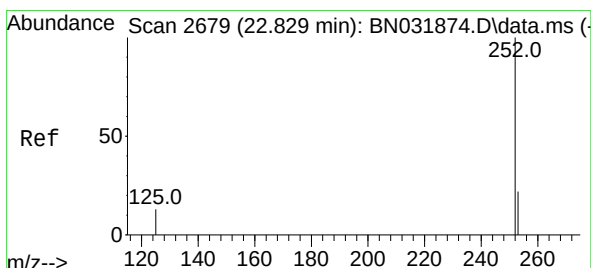
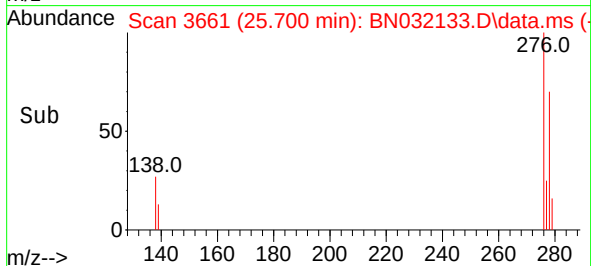
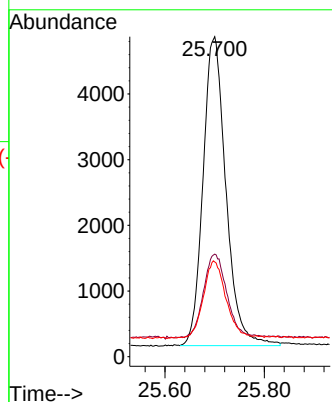
Tgt Ion:276 Resp: 15058

Ion Ratio Lower Upper

276 100

138 27.2 21.5 32.3

277 24.5 19.8 29.8



#37

Benzo(b)fluoranthene

Concen: 0.171 ng

RT: 22.785 min Scan# 2664

Delta R.T. -0.000 min

Lab File: BN032133.D

Acq: 21 Jun 2024 16:09

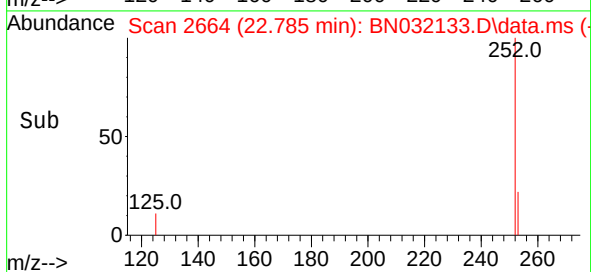
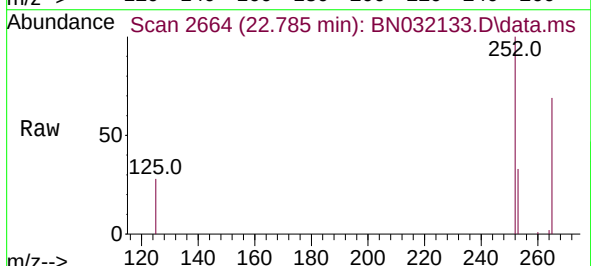
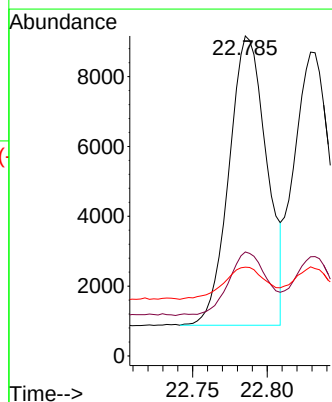
Tgt Ion:252 Resp: 14566

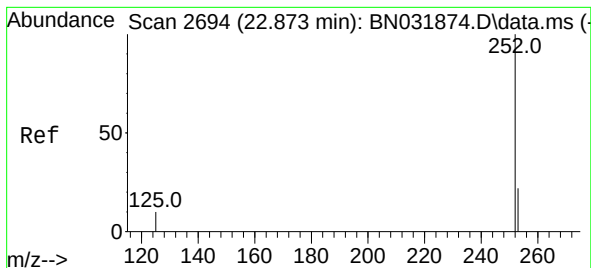
Ion Ratio Lower Upper

252 100

253 32.5 20.2 30.2#

125 27.8 14.2 21.4#





#38

Benzo(k)fluoranthene

Concen: 0.174 ng

RT: 22.829 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN032133.D

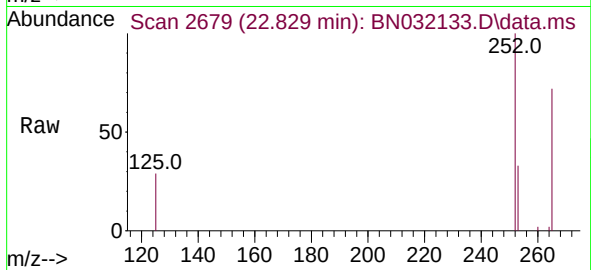
Acq: 21 Jun 2024 16:09

Instrument :

BNA_N

ClientSampleId :

GWBR-05-115-142-061924



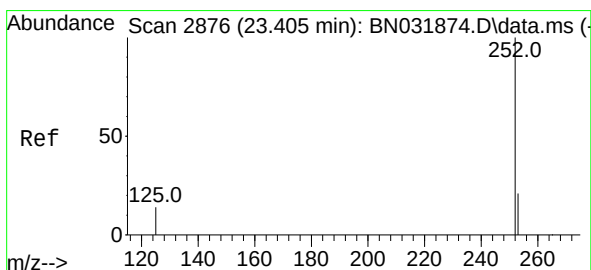
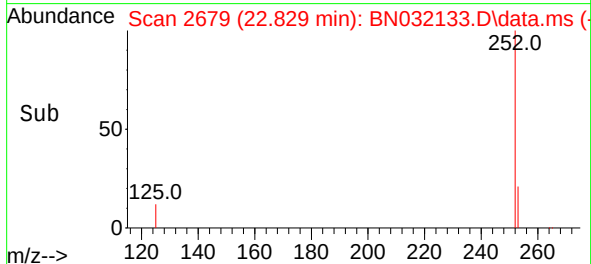
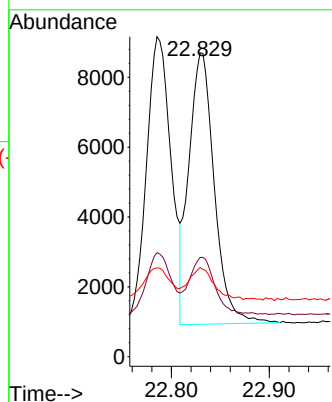
Tgt Ion:252 Resp: 14005

Ion Ratio Lower Upper

252 100

253 32.7 19.9 29.9#

125 29.4 13.0 19.4#



#39

Benzo(a)pyrene

Concen: 0.147 ng

RT: 23.358 min Scan# 2860

Delta R.T. -0.000 min

Lab File: BN032133.D

Acq: 21 Jun 2024 16:09

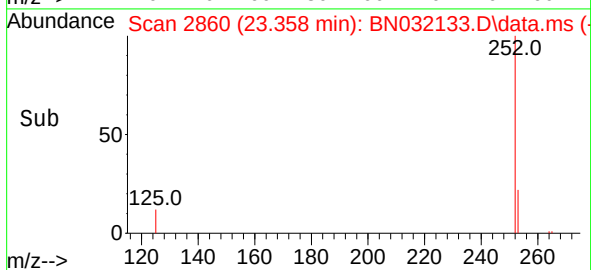
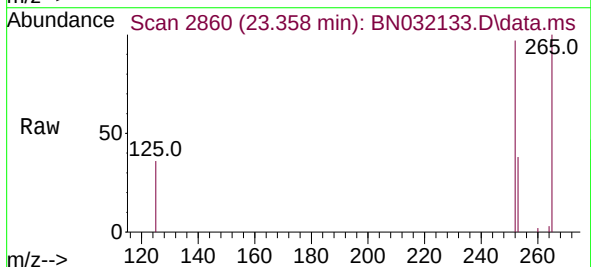
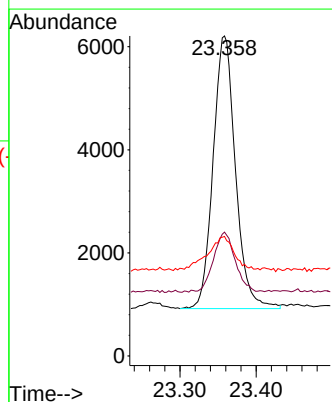
Tgt Ion:252 Resp: 10766

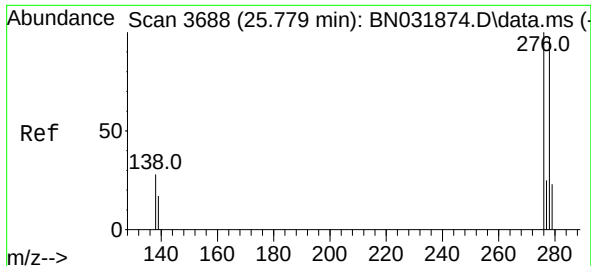
Ion Ratio Lower Upper

252 100

253 38.7 20.5 30.7#

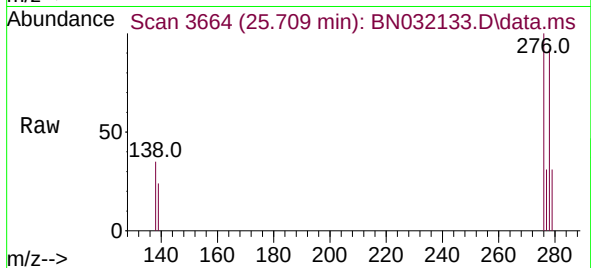
125 37.3 16.4 24.6#



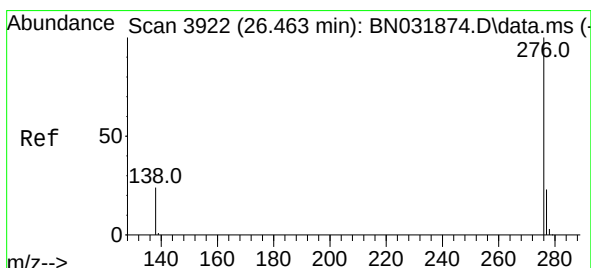
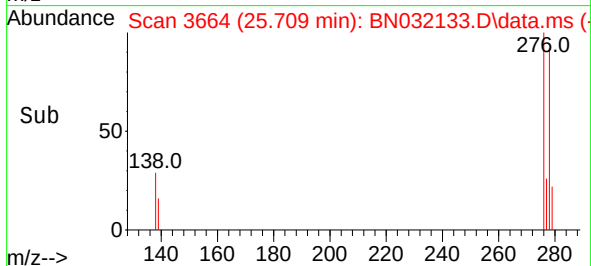
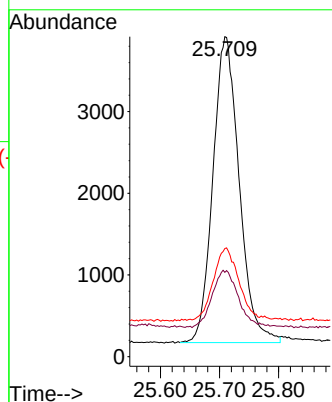


#40
Dibenzo(a,h)anthracene
Concen: 0.169 ng
RT: 25.709 min Scan# 30
Delta R.T. 0.003 min
Lab File: BN032133.D
Acq: 21 Jun 2024 16:09

Instrument :
BNA_N
ClientSampleId :
GWBR-05-115-142-061924



Tgt Ion:278 Resp: 11549
Ion Ratio Lower Upper
278 100
139 26.3 17.0 25.4#
279 33.8 21.4 32.0#



#41
Benzo(g,h,i)perylene
Concen: 0.154 ng
RT: 26.384 min Scan# 3895
Delta R.T. 0.006 min
Lab File: BN032133.D
Acq: 21 Jun 2024 16:09

Tgt Ion:276 Resp: 11309
Ion Ratio Lower Upper
276 100
277 30.0 20.2 30.2
138 31.2 20.6 31.0#

