

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
 Data File : BN032252.D
 Acq On : 25 Jun 2024 23:18
 Operator : MA/JU
 Sample : P3034-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-187-208-062124

Quant Time: Jun 26 02:54:45 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)

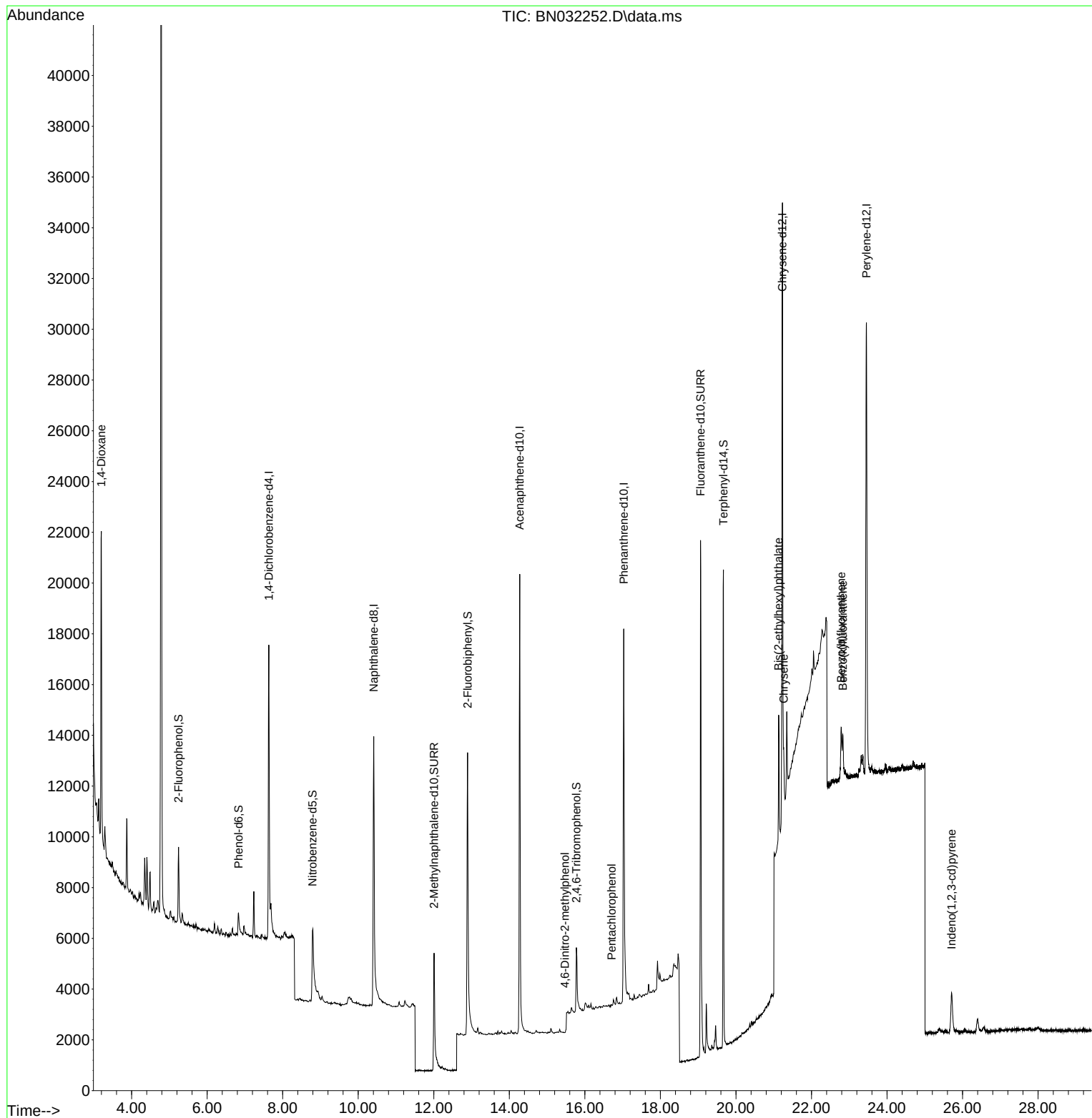
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	6757	0.400	ng	-0.01
7) Naphthalene-d8	10.410	136	19428	0.400	ng	-0.01
13) Acenaphthene-d10	14.274	164	11716	0.400	ng	-0.01
19) Phenanthrene-d10	17.029	188	24782	0.400	ng	# 0.00
29) Chrysene-d12	21.229	240	24123	0.400	ng	# 0.00
35) Perylene-d12	23.455	264	26314	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.241	112	2875	0.150	ng	0.00
5) Phenol-d6	6.830	99	1460	0.058	ng	0.00
8) Nitrobenzene-d5	8.788	82	4642	0.288	ng	-0.01
11) 2-Methylnaphthalene-d10	12.005	152	9003	0.291	ng	-0.02
14) 2,4,6-Tribromophenol	15.775	330	1996	0.355	ng	-0.01
15) 2-Fluorobiphenyl	12.895	172	14080	0.317	ng	-0.01
27) Fluoranthene-d10	19.063	212	25613	0.380	ng	0.00
31) Terphenyl-d14	19.667	244	19214	0.326	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.197	88	8666	1.047	ng	99
20) 4,6-Dinitro-2-methylph...	15.472	198	21	0.179	ng	# 1
24) Pentachlorophenol	16.706	266	79	0.179	ng	# 85
33) Chrysene	21.265	228	1861	0.022	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.130	149	5413	0.087	ng	95
36) Indeno(1,2,3-cd)pyrene	25.706	276	2129	0.022	ng	# 83
37) Benzo(b)fluoranthene	22.785	252	3178	0.033	ng	# 1
38) Benzo(k)fluoranthene	22.829	252	2416	0.027	ng	# 1

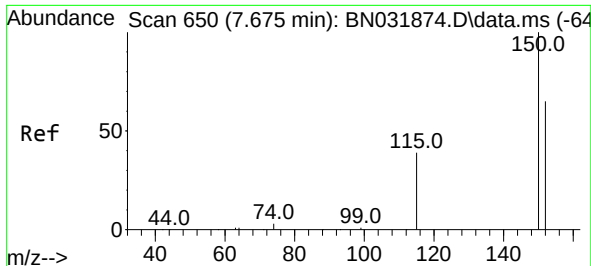
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
Data File : BN032252.D
Acq On : 25 Jun 2024 23:18
Operator : MA/JU
Sample : P3034-01
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWBR-05-187-208-062124

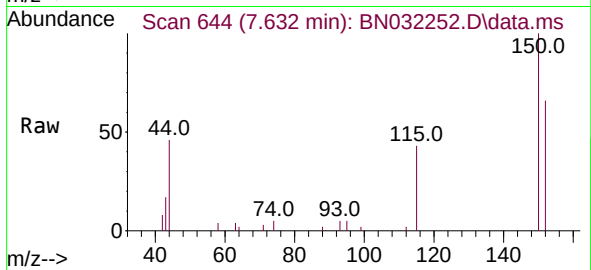
Quant Time: Jun 26 02:54:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration



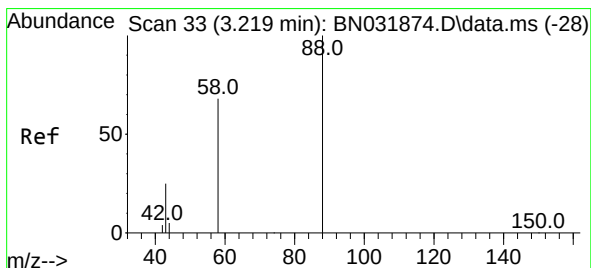
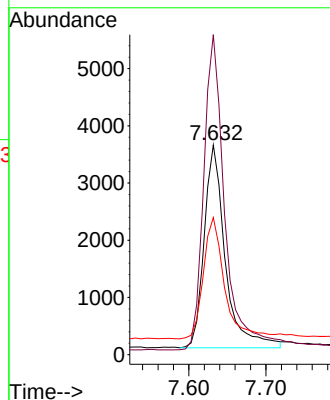
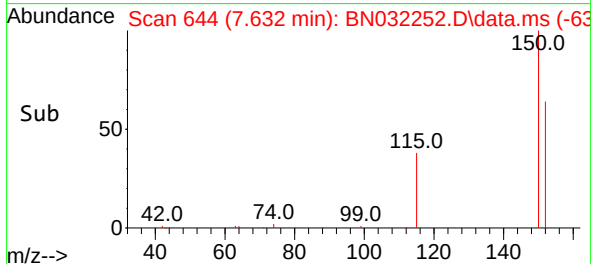


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.632 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN032252.D
 Acq: 25 Jun 2024 23:18

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-187-208-062124

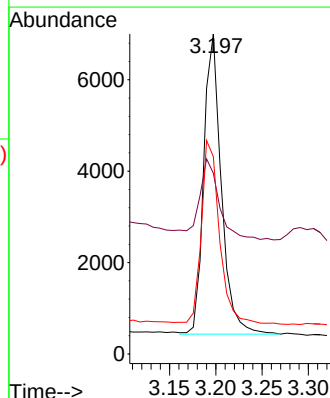
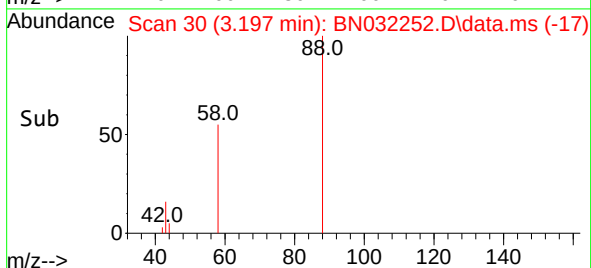
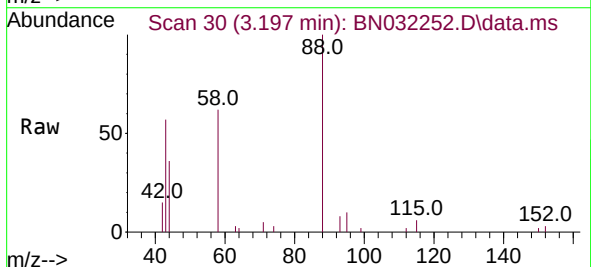


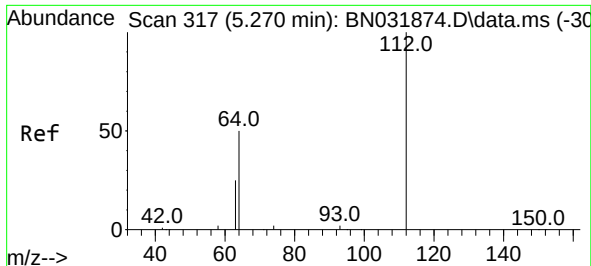
Tgt Ion:152 Resp: 6757
 Ion Ratio Lower Upper
 152 100
 150 152.6 121.0 181.4
 115 65.4 49.4 74.0



#2
 1,4-Dioxane
 Concen: 1.047 ng
 RT: 3.197 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN032252.D
 Acq: 25 Jun 2024 23:18

Tgt Ion: 88 Resp: 8666
 Ion Ratio Lower Upper
 88 100
 43 29.8 22.7 34.1
 58 63.3 51.3 76.9

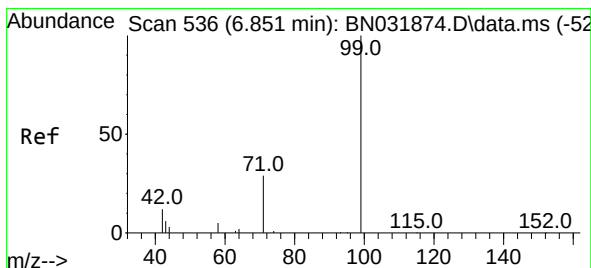
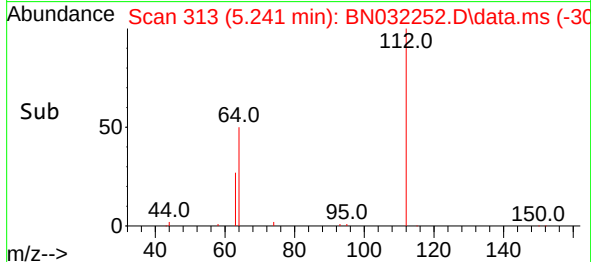
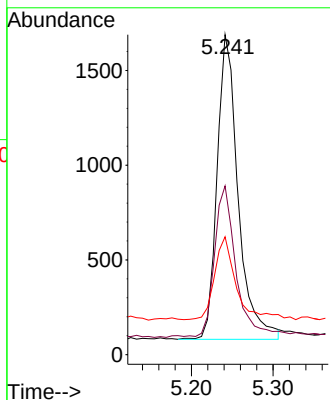
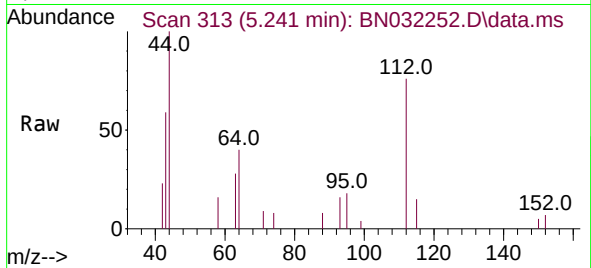




#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.241 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN032252.D
Acq: 25 Jun 2024 23:18

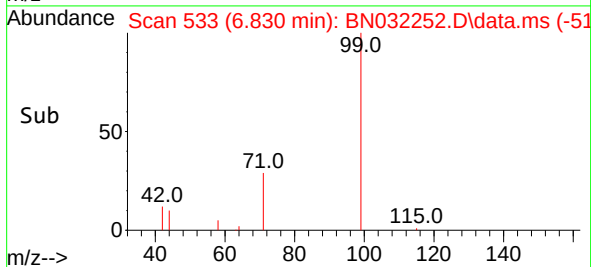
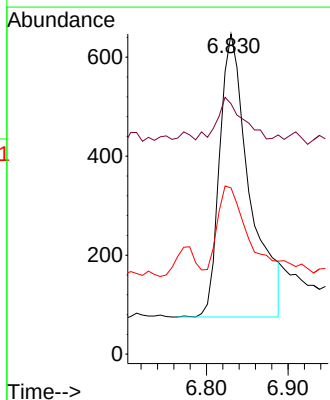
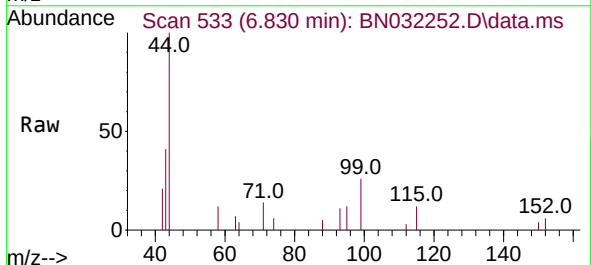
Instrument :
BNA_N
ClientSampleId :
GWBR-05-187-208-062124

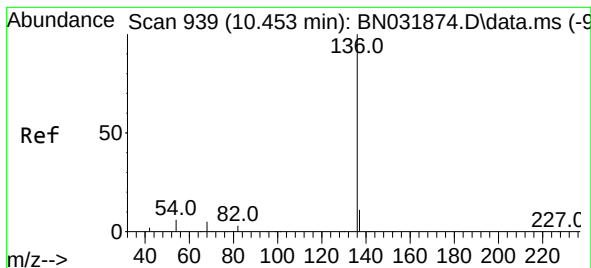
Tgt Ion:112 Resp: 2875
Ion Ratio Lower Upper
112 100
64 49.2 42.4 63.6
63 26.9 22.1 33.1



#5
Phenol-d6
Concen: 0.058 ng
RT: 6.830 min Scan# 533
Delta R.T. 0.000 min
Lab File: BN032252.D
Acq: 25 Jun 2024 23:18

Tgt Ion: 99 Resp: 1460
Ion Ratio Lower Upper
99 100
42 12.5 12.8 19.2#
71 27.9 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: BN032252.D

Acq: 25 Jun 2024 23:18

Instrument :

BNA_N

ClientSampleId :

GWBR-05-187-208-062124

Tgt Ion:136 Resp: 19428

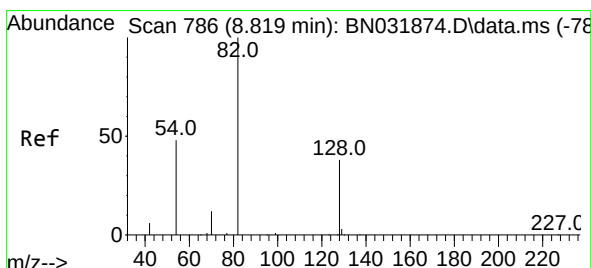
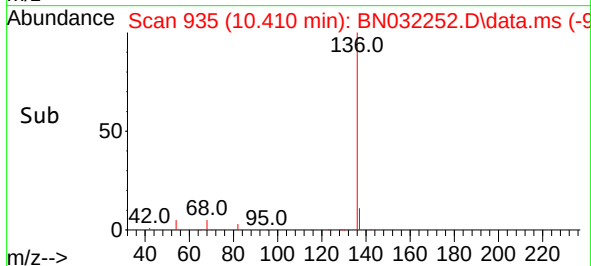
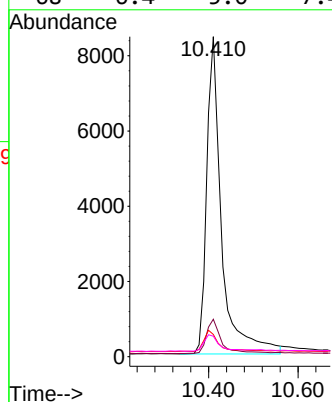
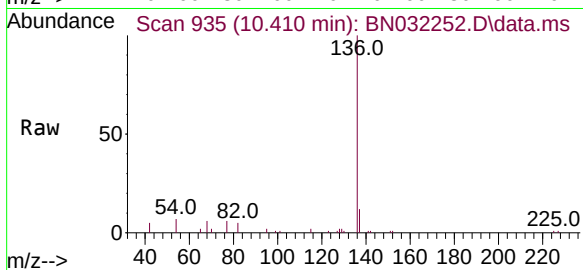
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 7.0 5.6 8.4

68 6.4 5.0 7.4



#8

Nitrobenzene-d5

Concen: 0.288 ng

RT: 8.788 min Scan# 783

Delta R.T. -0.011 min

Lab File: BN032252.D

Acq: 25 Jun 2024 23:18

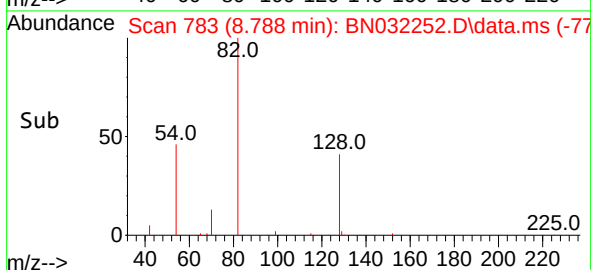
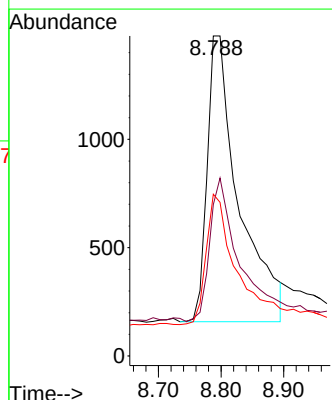
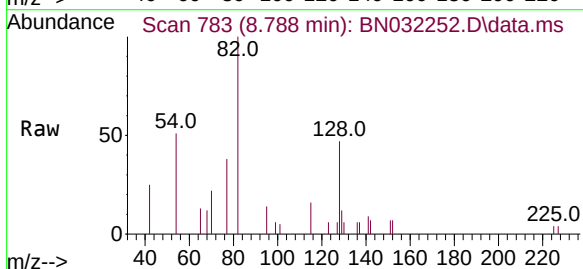
Tgt Ion: 82 Resp: 4642

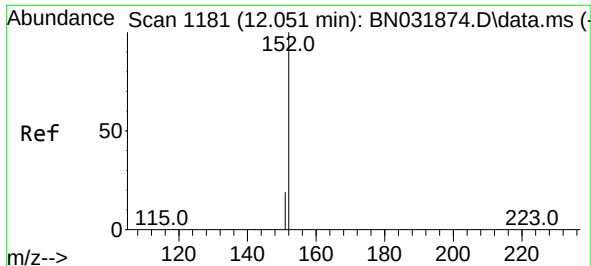
Ion Ratio Lower Upper

82 100

128 47.3 32.1 48.1

54 50.6 39.7 59.5





#11

2-Methylnaphthalene-d10

Concen: 0.291 ng

RT: 12.005 min Scan# 1181

Delta R.T. -0.015 min

Lab File: BN032252.D

Acq: 25 Jun 2024 23:18

Instrument :

BNA_N

ClientSampleId :

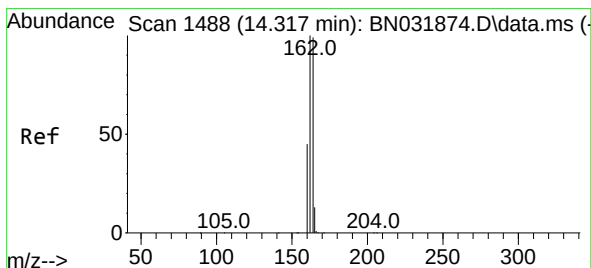
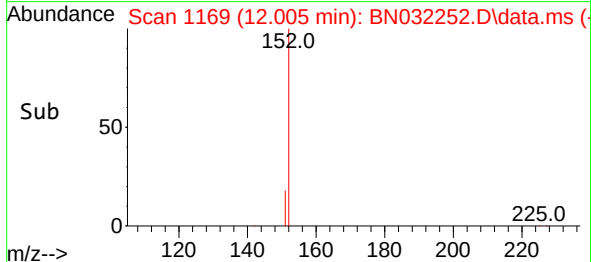
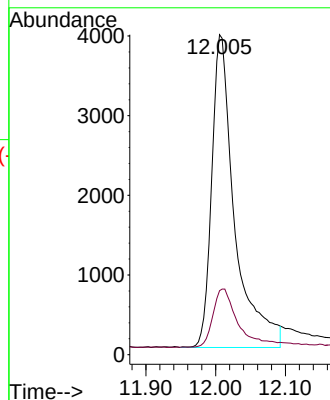
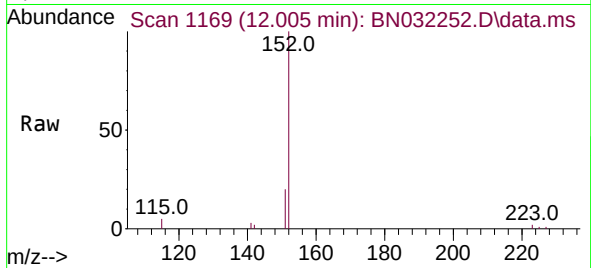
GWBR-05-187-208-062124

Tgt Ion:152 Resp: 9003

Ion Ratio Lower Upper

152 100

151 20.4 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: BN032252.D

Acq: 25 Jun 2024 23:18

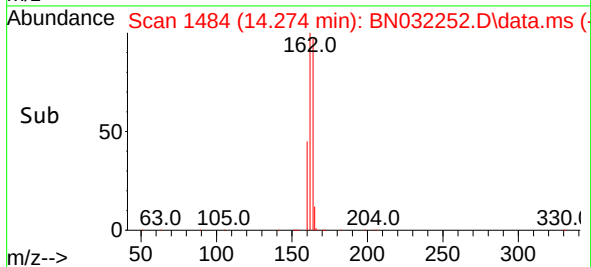
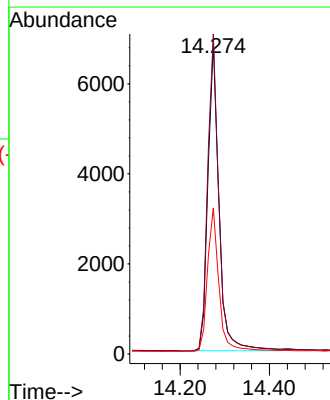
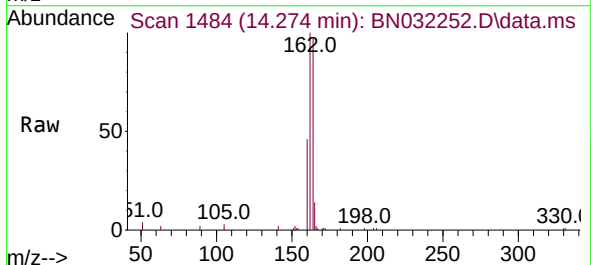
Tgt Ion:164 Resp: 11716

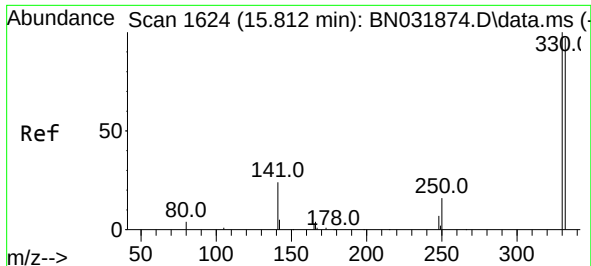
Ion Ratio Lower Upper

164 100

162 103.0 80.7 121.1

160 47.0 36.2 54.4

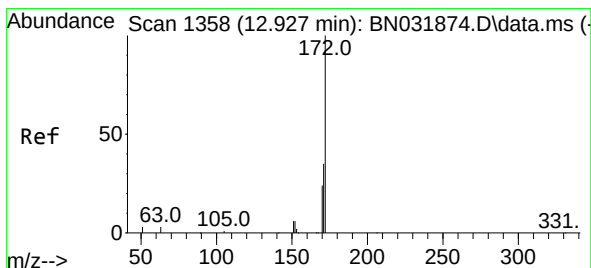
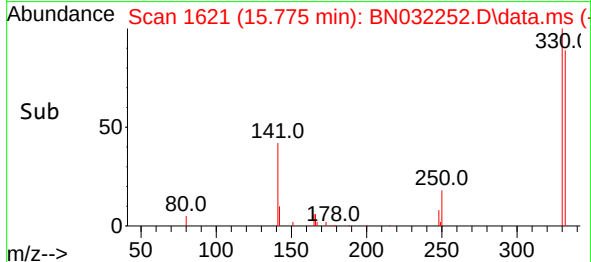
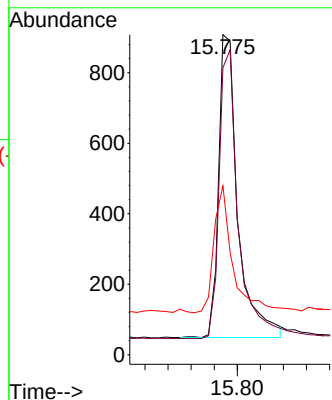
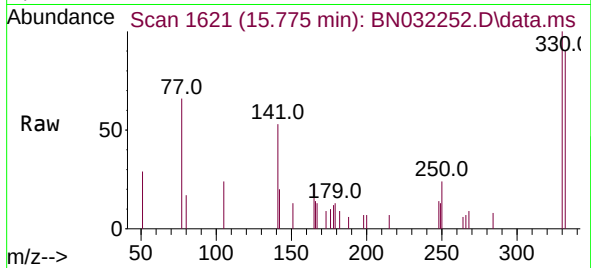




#14
2,4,6-Tribromophenol
Concen: 0.355 ng
RT: 15.775 min Scan# 1621
Delta R.T. -0.012 min
Lab File: BN032252.D
Acq: 25 Jun 2024 23:18

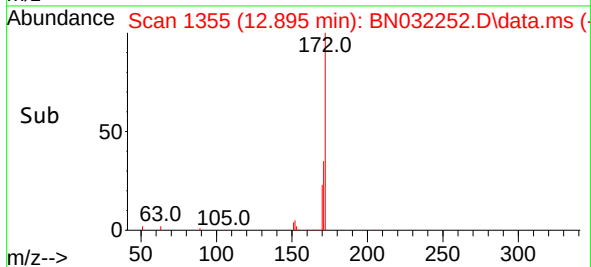
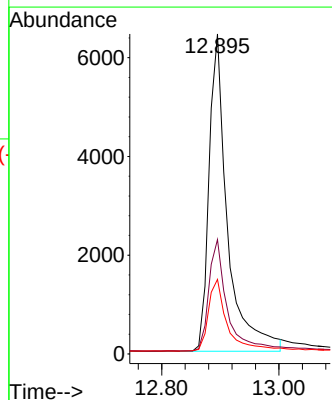
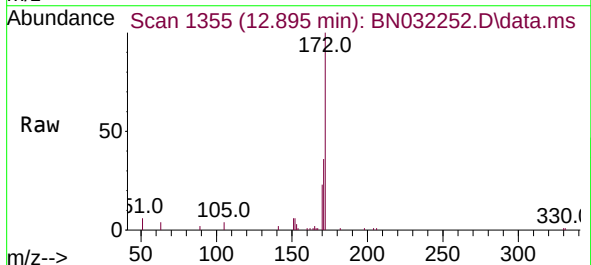
Instrument :
BNA_N
ClientSampleId :
GWBR-05-187-208-062124

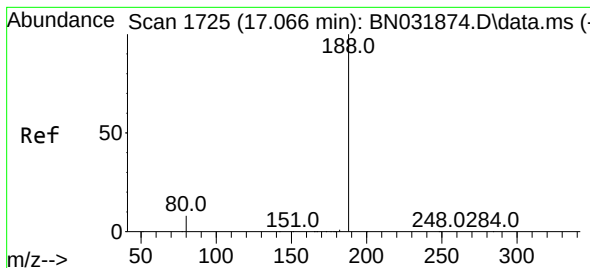
Tgt Ion: 330 Resp: 1996
Ion Ratio Lower Upper
330 100
332 94.5 77.5 116.3
141 40.5 34.7 52.1



#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 12.895 min Scan# 1355
Delta R.T. -0.011 min
Lab File: BN032252.D
Acq: 25 Jun 2024 23:18

Tgt Ion: 172 Resp: 14080
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.3 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: BN032252.D

Acq: 25 Jun 2024 23:18

Instrument :

BNA_N

ClientSampleId :

GWBR-05-187-208-062124

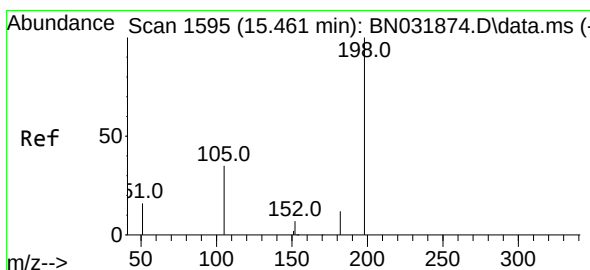
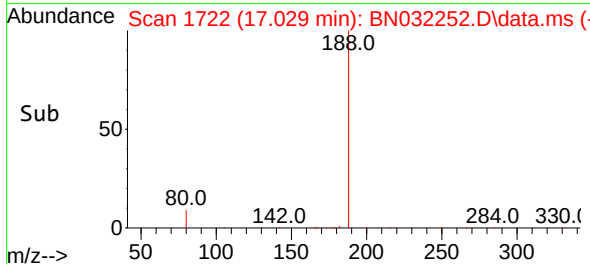
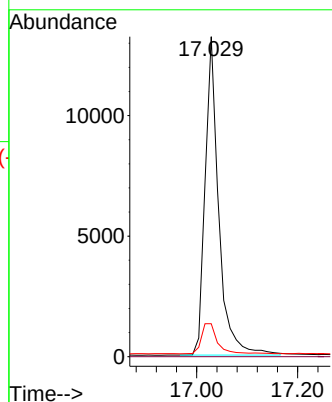
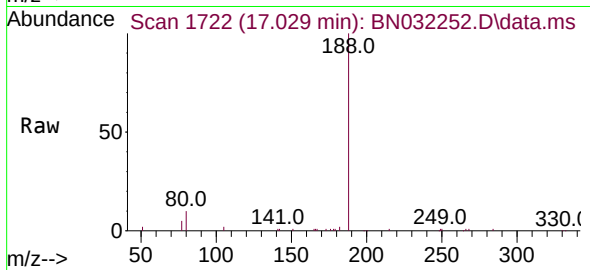
Tgt Ion:188 Resp: 24782

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 6.4 9.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.179 ng

RT: 15.472 min Scan# 1596

Delta R.T. 0.032 min

Lab File: BN032252.D

Acq: 25 Jun 2024 23:18

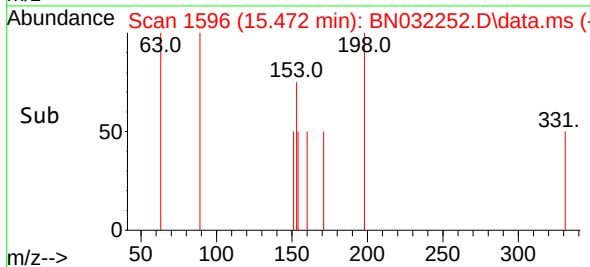
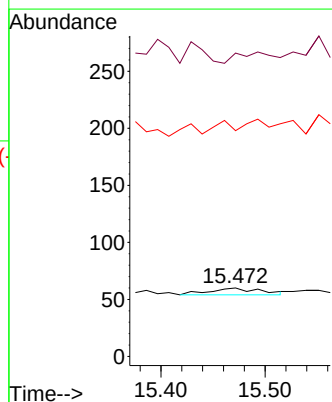
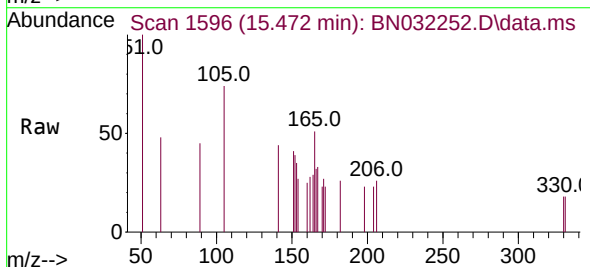
Tgt Ion:198 Resp: 21

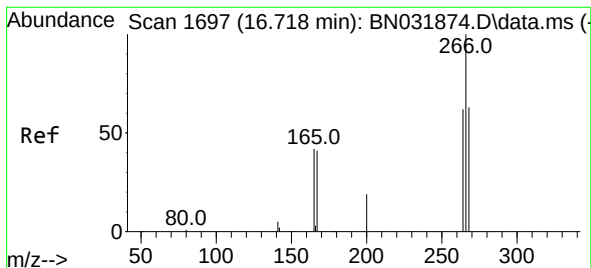
Ion Ratio Lower Upper

198 100

51 443.3 42.7 64.1#

105 330.0 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.179 ng

RT: 16.706 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN032252.D

Acq: 25 Jun 2024 23:18

Instrument :

BNA_N

ClientSampleId :

GWBR-05-187-208-062124

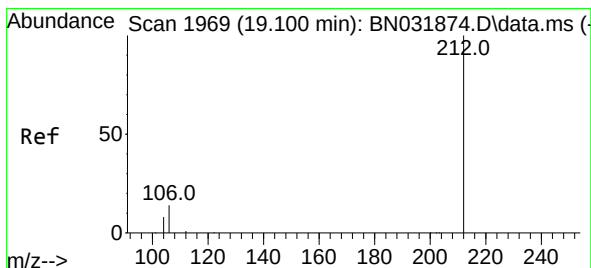
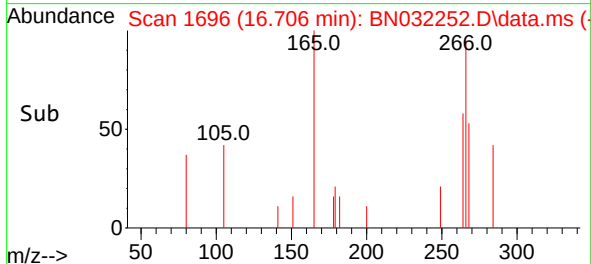
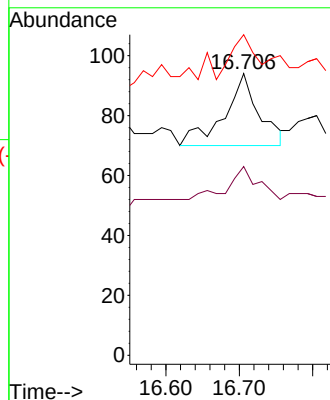
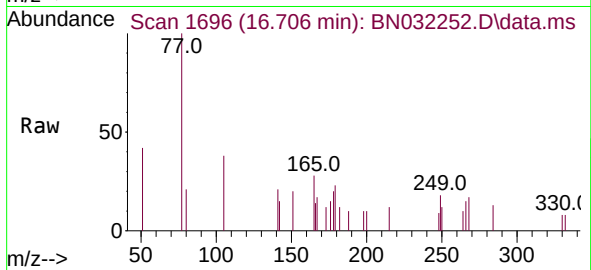
Tgt Ion:266 Resp: 79

Ion Ratio Lower Upper

266 100

264 39.2 50.0 75.0#

268 64.6 51.0 76.6



#27

Fluoranthene-d10

Concen: 0.380 ng

RT: 19.063 min Scan# 1961

Delta R.T. -0.009 min

Lab File: BN032252.D

Acq: 25 Jun 2024 23:18

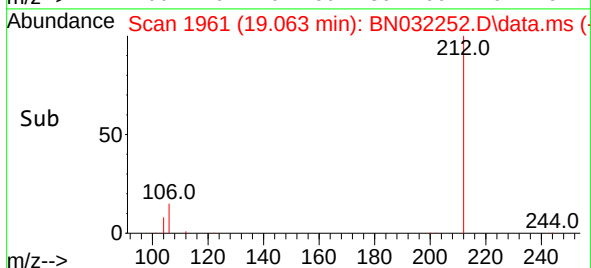
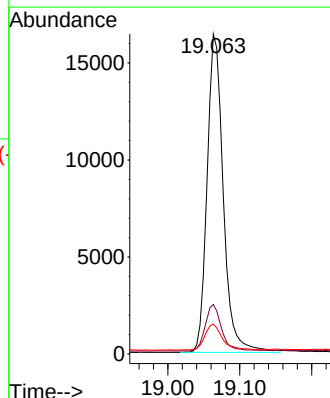
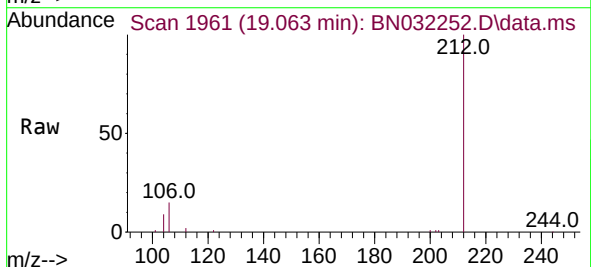
Tgt Ion:212 Resp: 25613

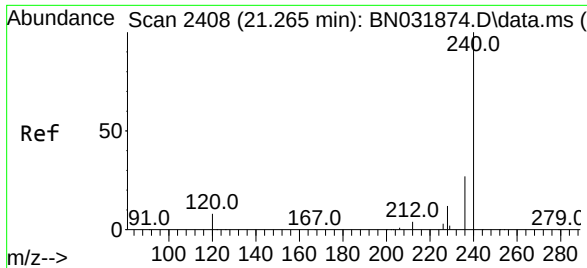
Ion Ratio Lower Upper

212 100

106 14.8 11.8 17.8

104 8.7 6.6 10.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.229 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BN032252.D

Acq: 25 Jun 2024 23:18

Instrument :

BNA_N

ClientSampleId :

GWBR-05-187-208-062124

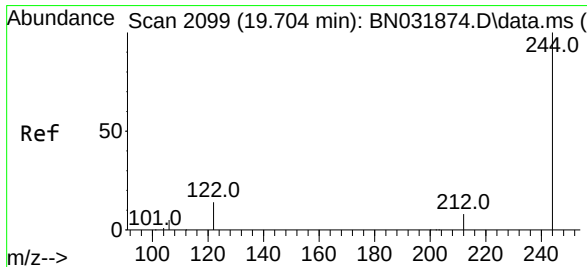
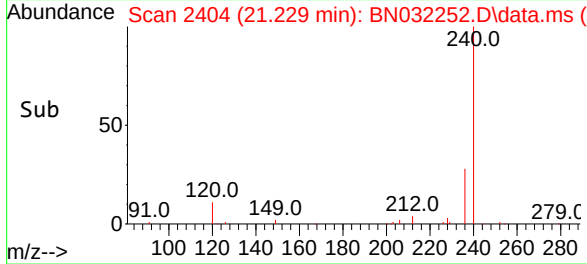
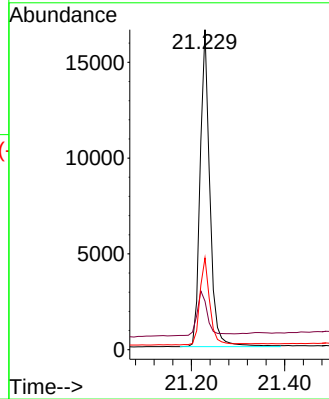
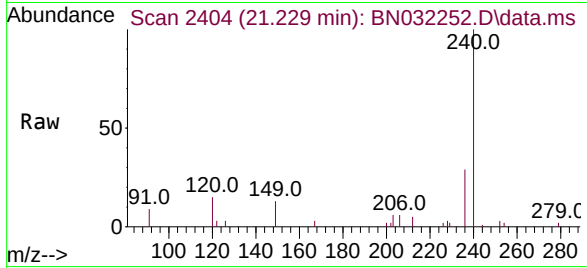
Tgt Ion:240 Resp: 24123

Ion Ratio Lower Upper

240 100

120 15.2 8.2 12.4#

236 28.7 21.8 32.8



#31

Terphenyl-d14

Concen: 0.326 ng

RT: 19.667 min Scan# 2091

Delta R.T. -0.005 min

Lab File: BN032252.D

Acq: 25 Jun 2024 23:18

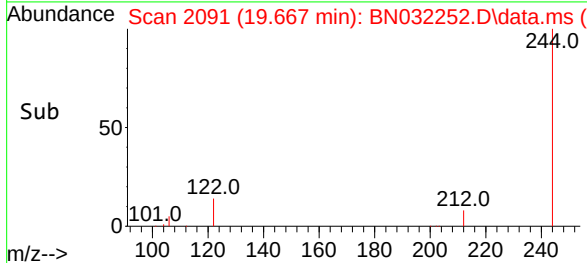
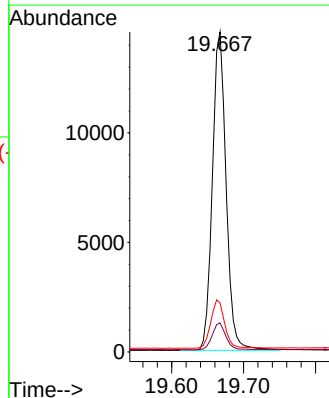
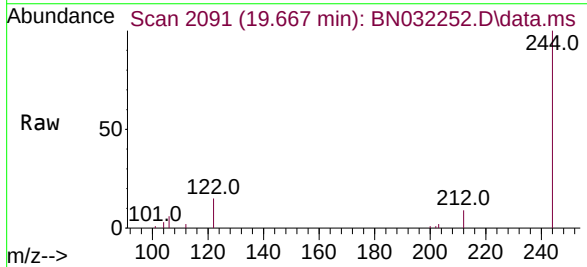
Tgt Ion:244 Resp: 19214

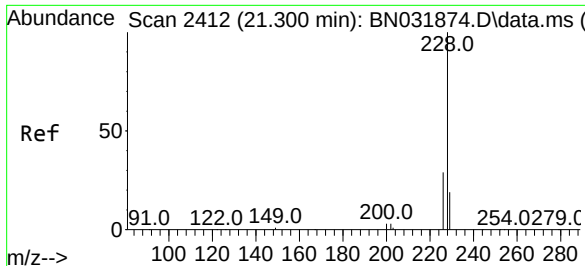
Ion Ratio Lower Upper

244 100

212 9.1 6.5 9.7

122 15.3 11.4 17.0





#33

Chrysene

Concen: 0.022 ng

RT: 21.265 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BN032252.D

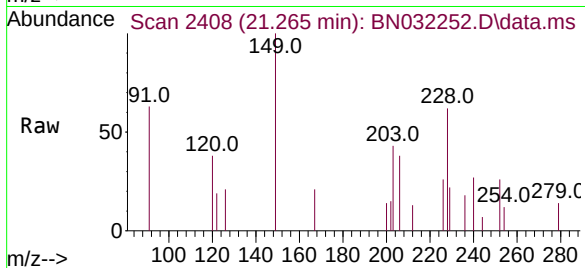
Acq: 25 Jun 2024 23:18

Instrument :

BNA_N

ClientSampleId :

GWBR-05-187-208-062124



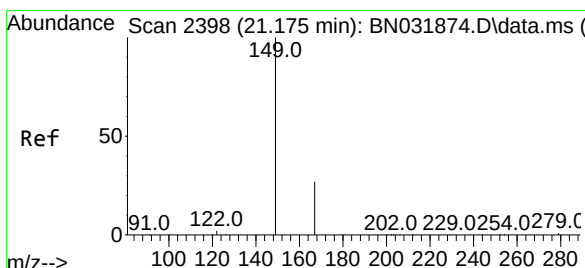
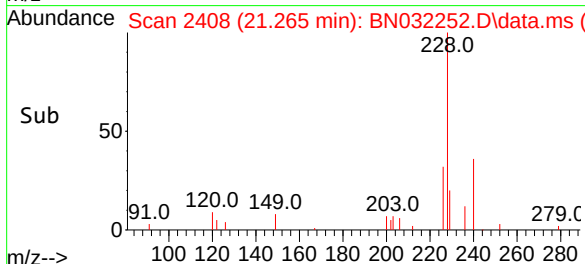
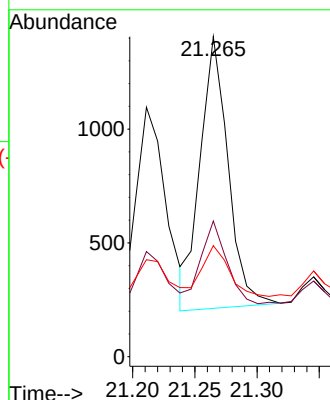
Tgt Ion:228 Resp: 1861

Ion Ratio Lower Upper

228 100

226 42.4 23.6 35.4#

229 34.7 15.8 23.6#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.087 ng

RT: 21.130 min Scan# 2393

Delta R.T. -0.018 min

Lab File: BN032252.D

Acq: 25 Jun 2024 23:18

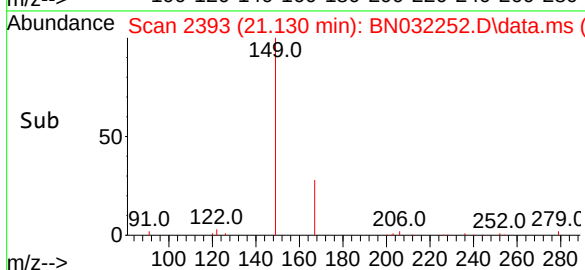
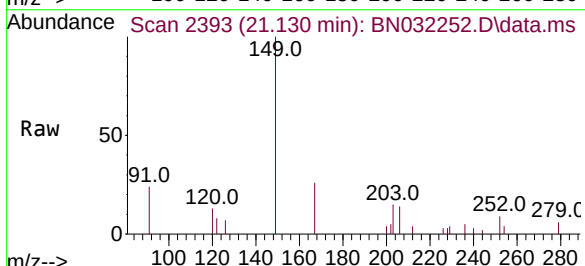
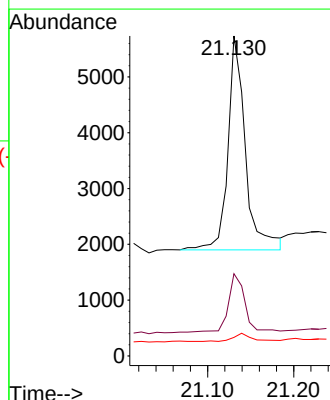
Tgt Ion:149 Resp: 5413

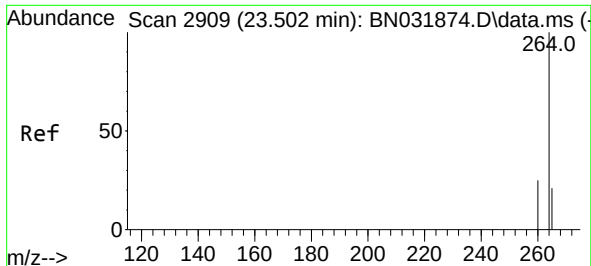
Ion Ratio Lower Upper

149 100

167 25.5 22.5 33.7

279 3.9 2.9 4.3





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.455 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN032252.D

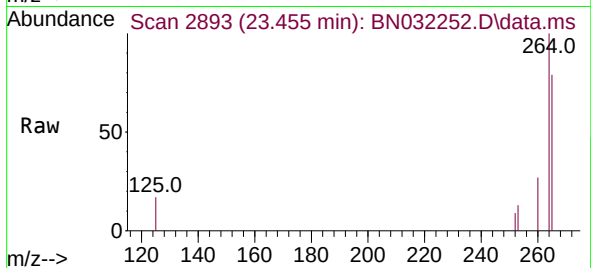
Acq: 25 Jun 2024 23:18

Instrument :

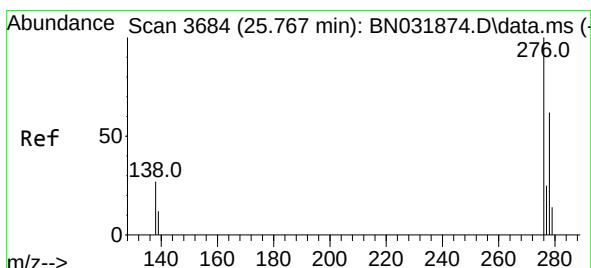
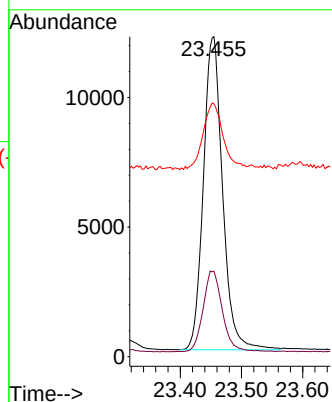
BNA_N

ClientSampleId :

GWBR-05-187-208-062124



Tgt Ion:	264	Resp:	26314
Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.5	30.7
265	79.0	39.6	59.4



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.022 ng

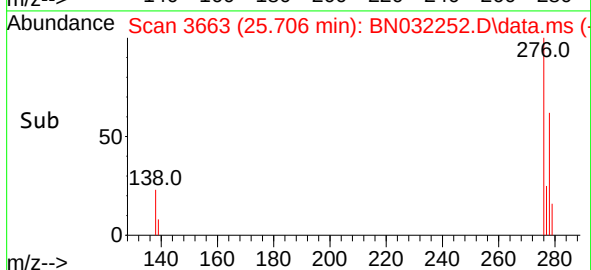
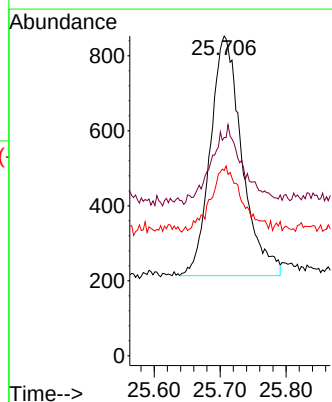
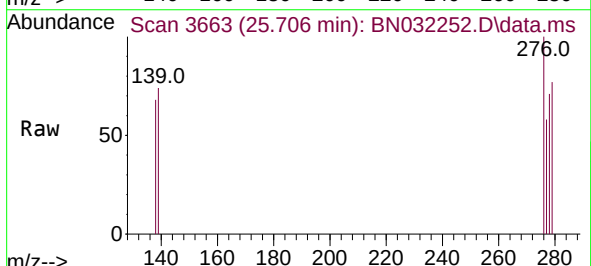
RT: 25.706 min Scan# 3663

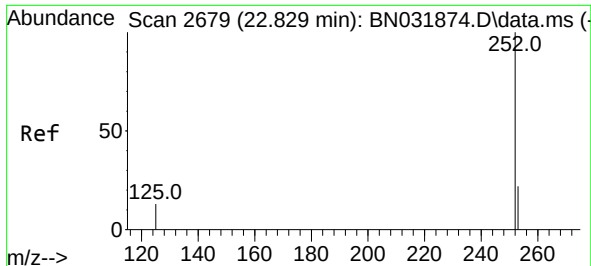
Delta R.T. 0.012 min

Lab File: BN032252.D

Acq: 25 Jun 2024 23:18

Tgt Ion:	276	Resp:	2129
Ion	Ratio	Lower	Upper
276	100		
138	10.2	21.5	32.3
277	25.5	19.8	29.8





#37

Benzo(b)fluoranthene

Concen: 0.033 ng

RT: 22.785 min Scan# 2664

Delta R.T. 0.000 min

Lab File: BN032252.D

Acq: 25 Jun 2024 23:18

Instrument :

BNA_N

ClientSampleId :

GWBR-05-187-208-062124

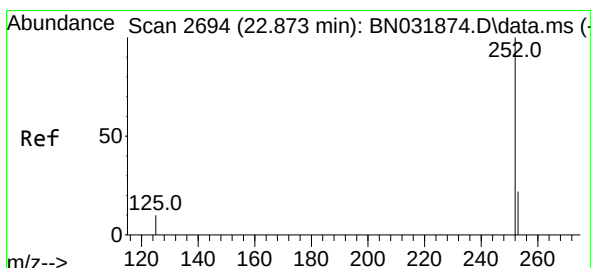
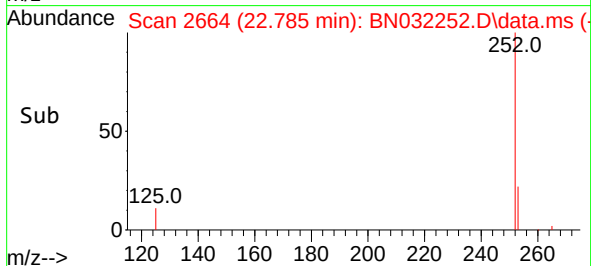
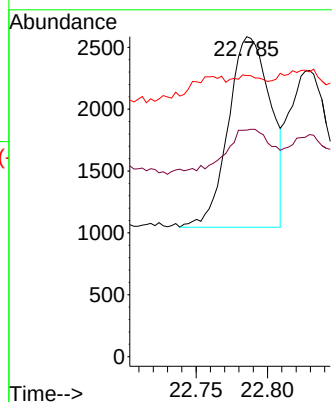
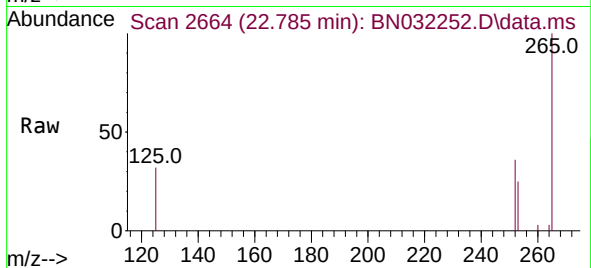
Tgt Ion:252 Resp: 3178

Ion Ratio Lower Upper

252 100

253 70.8 20.2 30.2#

125 87.9 14.2 21.4#



#38

Benzo(k)fluoranthene

Concen: 0.027 ng

RT: 22.829 min Scan# 2679

Delta R.T. 0.000 min

Lab File: BN032252.D

Acq: 25 Jun 2024 23:18

Tgt Ion:252 Resp: 2416

Ion Ratio Lower Upper

252 100

253 77.6 19.9 29.9#

125 99.5 13.0 19.4#

