

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
 Data File : BG053245.D
 Acq On : 21 Apr 2022 17:32
 Operator : CG/JU
 Sample : N2491-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200046-333

Quant Time: Apr 22 02:57:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

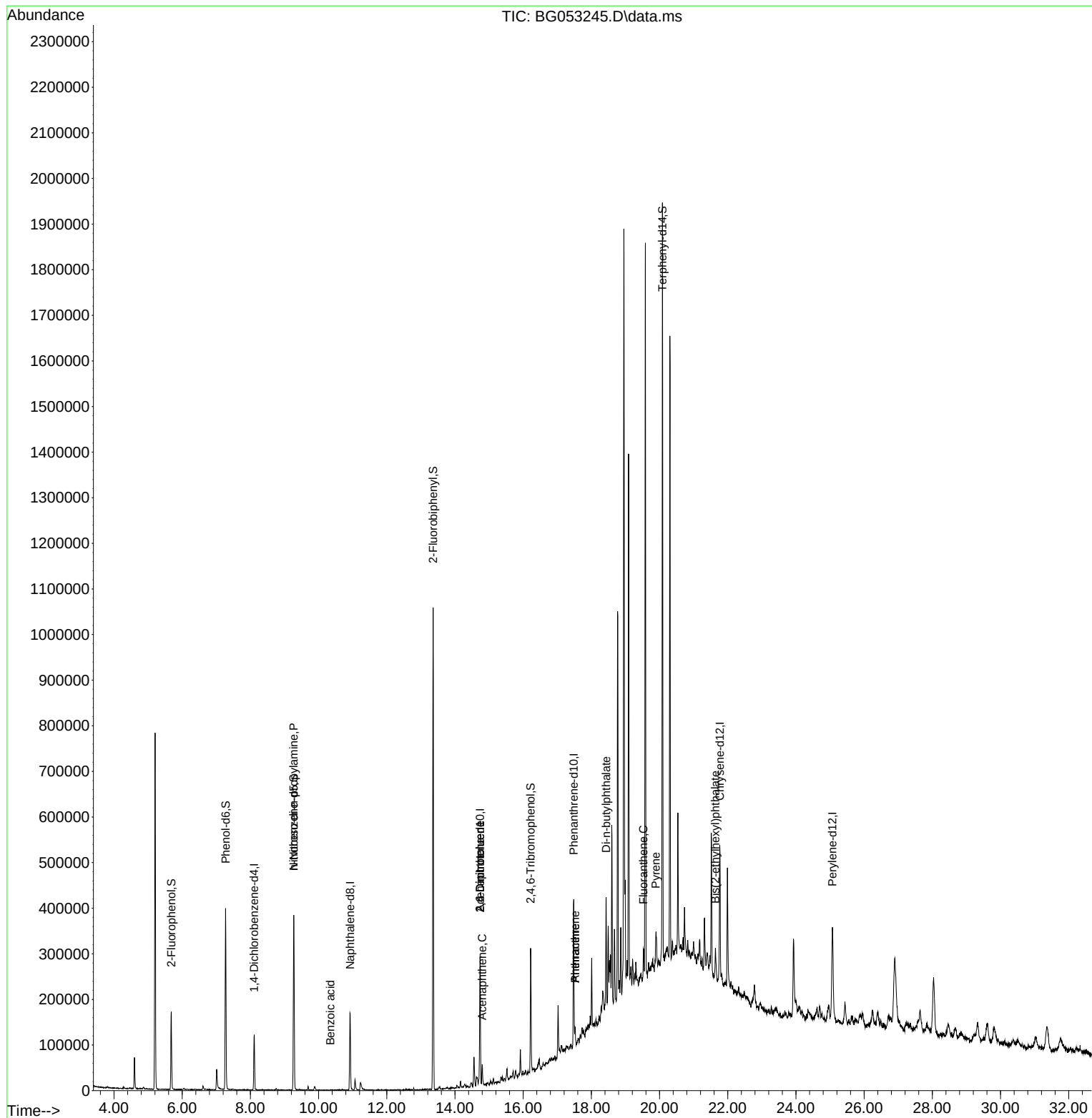
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.107	152	34623	20.000	ng	-0.01
21) Naphthalene-d8	10.927	136	142243	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	99127	20.000	ng	-0.01
64) Phenanthrene-d10	17.483	188	204827	20.000	ng	0.00
76) Chrysene-d12	21.765	240	194211	20.000	ng	0.00
86) Perylene-d12	25.067	264	205369	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	72583	35.936	ng	0.00
7) Phenol-d6	7.273	99	220286	70.724	ng	0.00
23) Nitrobenzene-d5	9.270	82	243491	69.505	ng	-0.01
42) 2,4,6-Tribromophenol	16.220	330	54182	34.356	ng	-0.01
45) 2-Fluorobiphenyl	13.359	172	549873	76.490	ng	0.00
79) Terphenyl-d14	20.085	244	818540	71.182	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.270	70	37394	16.399	ng	# 78
32) Benzoic acid	10.345	122	56	3.668	ng	# 57
51) 2,6-Dinitrotoluene	14.734	165	13747	8.311	ng	# 26
52) Acenaphthene	14.798	154	16021	2.650	ng	93
57) 2,4-Dinitrotoluene	14.734	165	13747	5.838	ng	# 25
71) Phenanthrene	17.524	178	28544	2.551	ng	99
72) Anthracene	17.524	178	28544	2.575	ng	98
74) Di-n-butylphthalate	18.434	149	152378	12.470	ng	98
75) Fluoranthene	19.527	202	37866	2.640	ng	95
78) Pyrene	19.891	202	44487	3.216	ng	99
84) Bis(2-ethylhexyl)phtha...	21.636	149	24820	3.561	ng	99

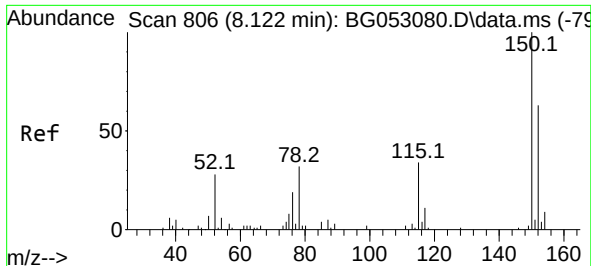
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
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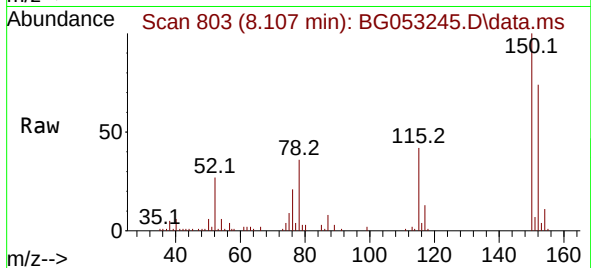
Quant Time: Apr 22 02:57:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
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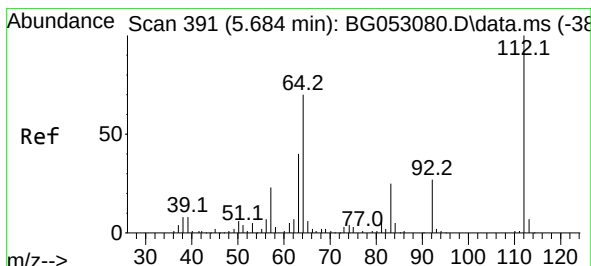
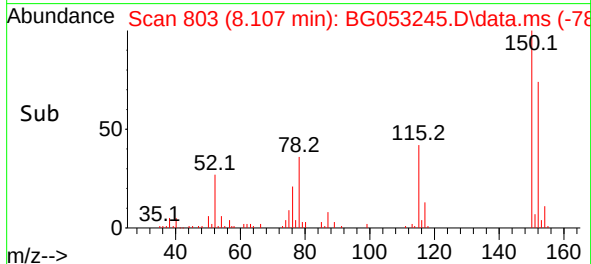
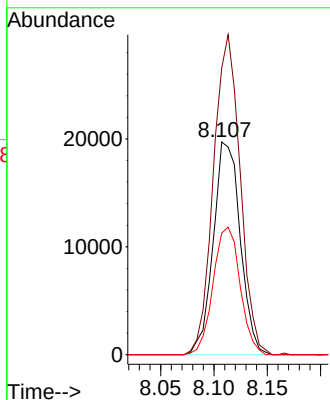


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.107 min Scan# 806
Delta R.T. -0.015 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

Instrument :
BNA_G
ClientSampleId :
RBR-200046-333

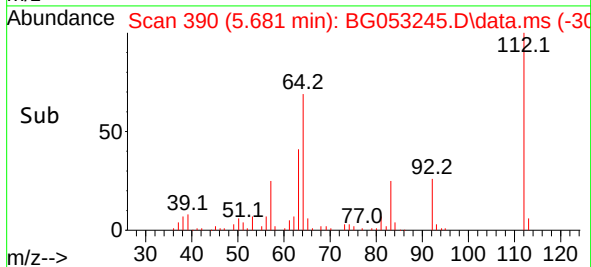
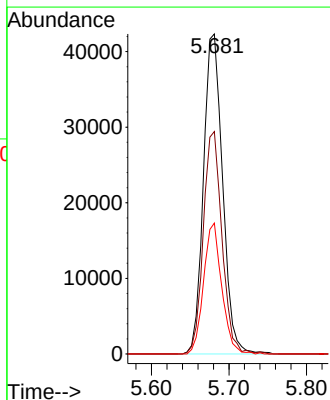
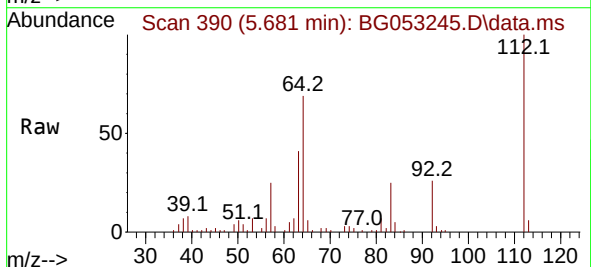


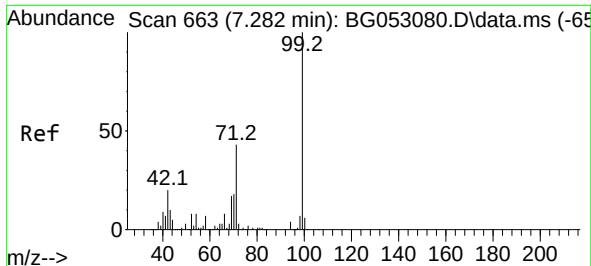
Tgt Ion:152 Resp: 34623
Ion Ratio Lower Upper
152 100
150 134.8 114.6 172.0
115 57.2 45.9 68.9



#5
2-Fluorophenol
Concen: 35.936 ng
RT: 5.681 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

Tgt Ion:112 Resp: 72583
Ion Ratio Lower Upper
112 100
64 69.5 48.0 72.0
63 40.9 26.5 39.7#

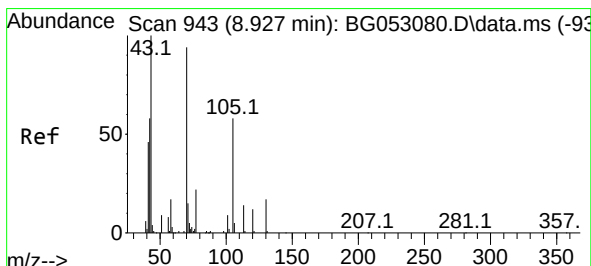
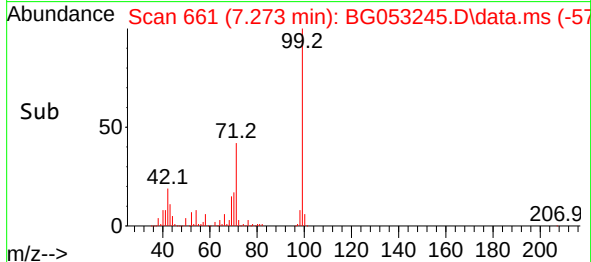
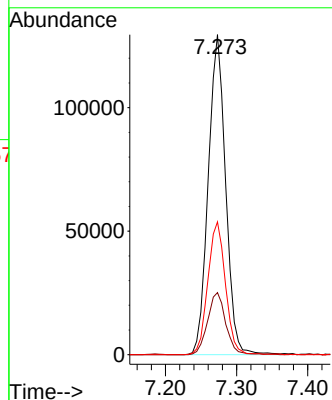
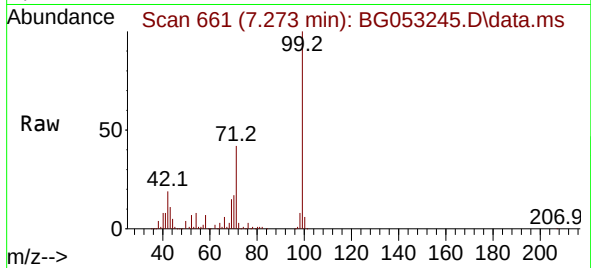




#7
Phenol-d6
Concen: 70.724 ng
RT: 7.273 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

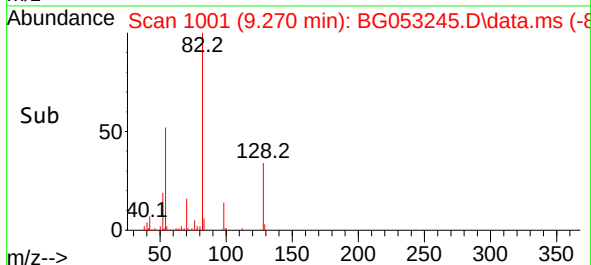
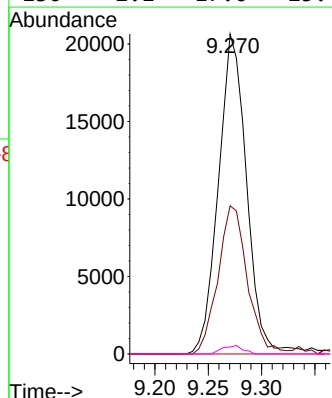
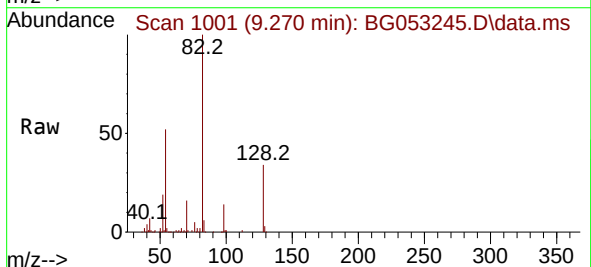
Instrument :
BNA_G
ClientSampleId :
RBR-200046-333

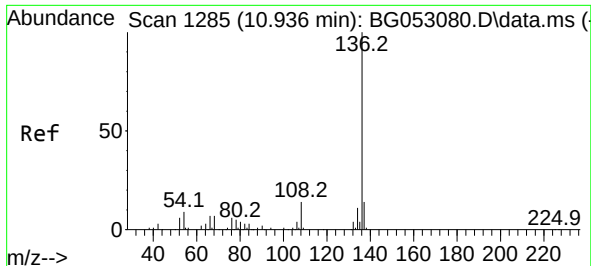
Tgt Ion: 99 Resp: 220286
Ion Ratio Lower Upper
99 100
42 19.4 14.7 22.1
71 41.5 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.399 ng
RT: 9.270 min Scan# 1001
Delta R.T. 0.344 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

Tgt Ion: 70 Resp: 37394
Ion Ratio Lower Upper
70 100
42 46.3 46.0 69.0
101 0.0 6.2 9.4#
130 2.1 17.0 25.4#

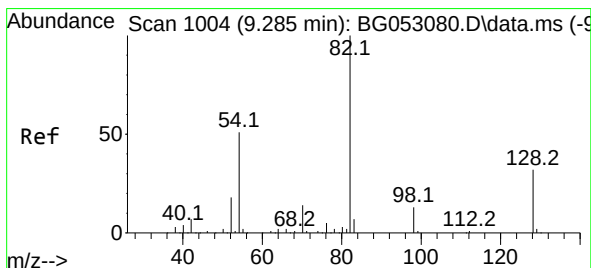
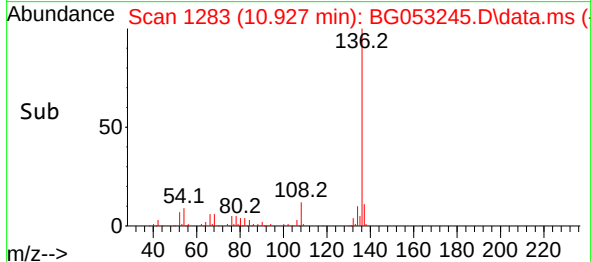
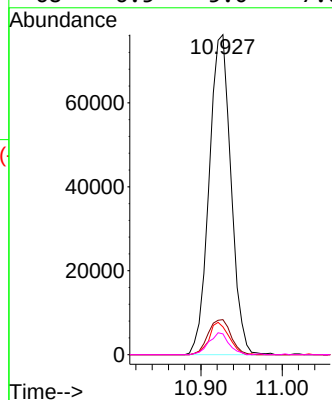
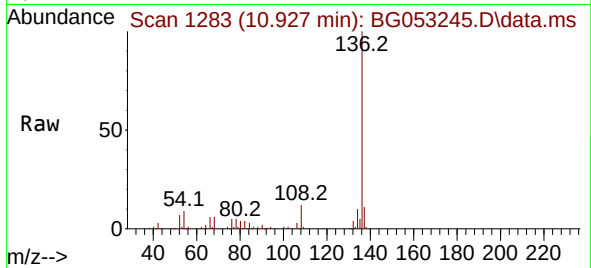




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.927 min Scan# 1001
Delta R.T. -0.009 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

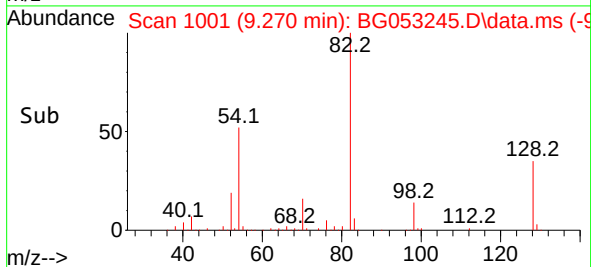
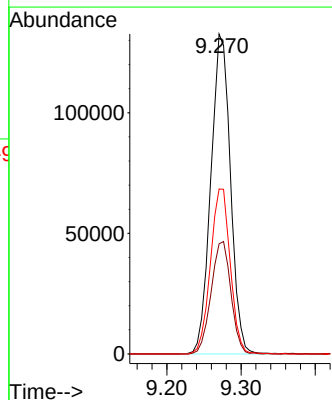
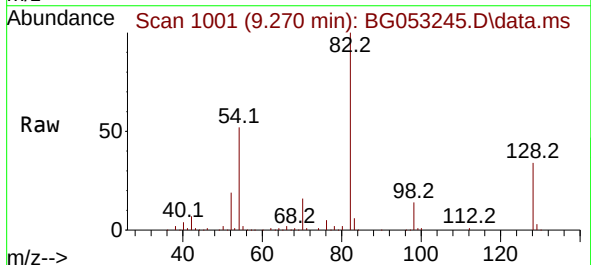
Instrument :
BNA_G
ClientSampleId :
RBR-200046-333

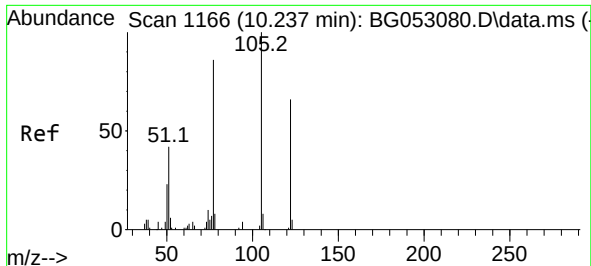
Tgt Ion	136	Resp: Lower	142243 Upper
136	100		
137	10.9	9.4	14.2
54	8.7	6.4	9.6
68	6.5	5.0	7.6



#23
Nitrobenzene-d5
Concen: 69.505 ng
RT: 9.270 min Scan# 1001
Delta R.T. -0.015 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

Tgt Ion: 82	Resp: 243491
Ion Ratio	Lower Upper
82 100	
128 34.4	31.3 46.9
54 51.5	37.8 56.8

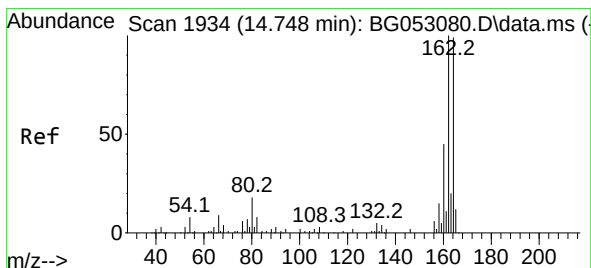
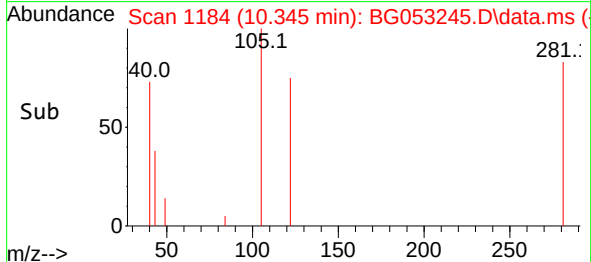
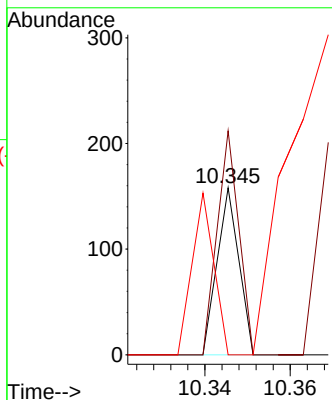
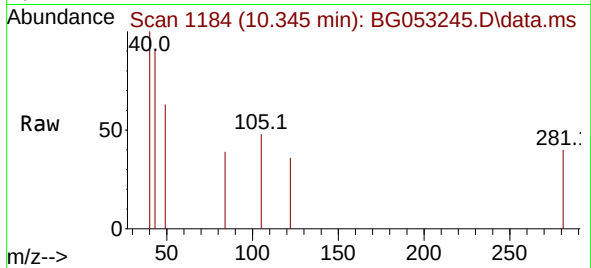




#32
Benzoic acid
Concen: 3.668 ng
RT: 10.345 min Scan# 1166
Delta R.T. 0.108 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

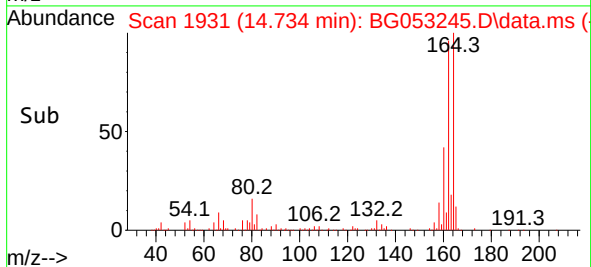
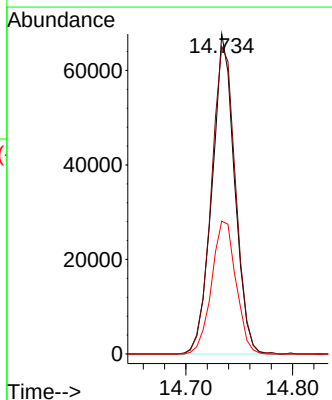
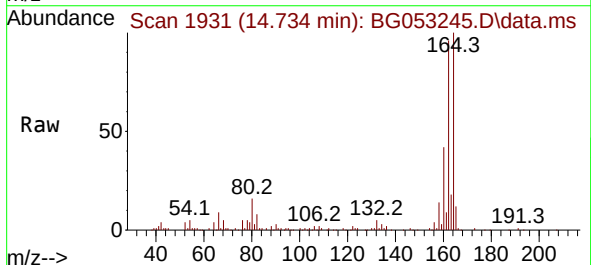
Instrument :
BNA_G
ClientSampleId :
RBR-200046-333

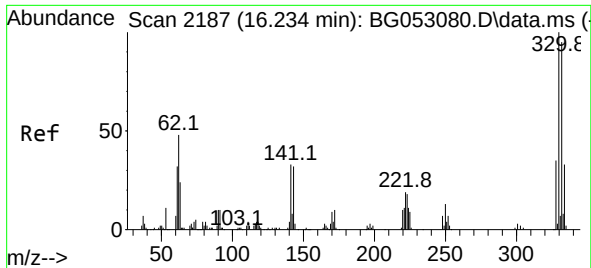
Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 134.2 112.8 152.8
77 0.0 78.4 118.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.734 min Scan# 1931
Delta R.T. -0.015 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

Tgt Ion:164 Resp: 99127
Ion Ratio Lower Upper
164 100
162 96.1 80.0 120.0
160 41.5 38.8 58.2

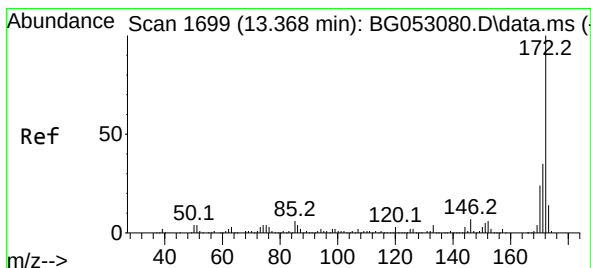
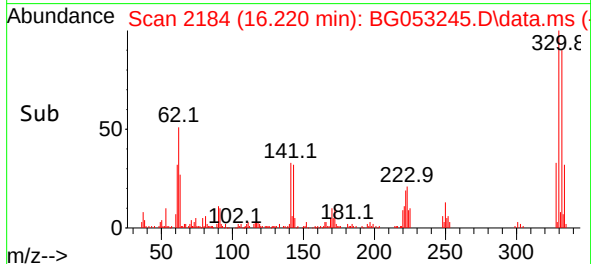
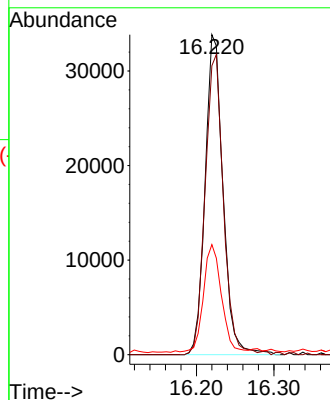
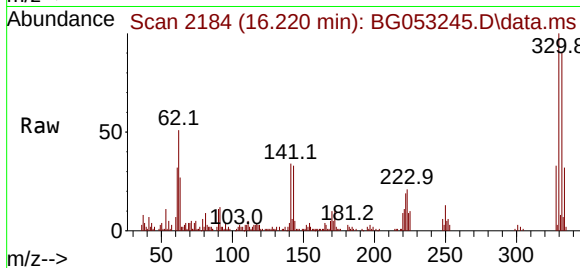




#42
2,4,6-Tribromophenol
Concen: 34.356 ng
RT: 16.220 min Scan# 2187
Delta R.T. -0.015 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

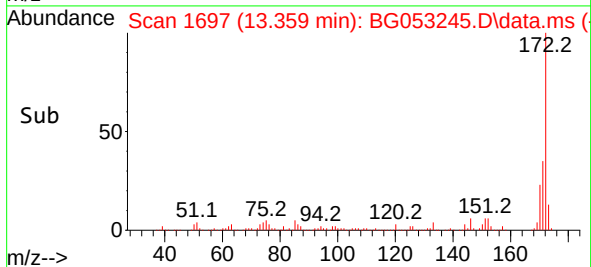
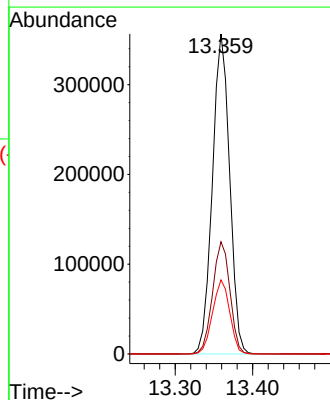
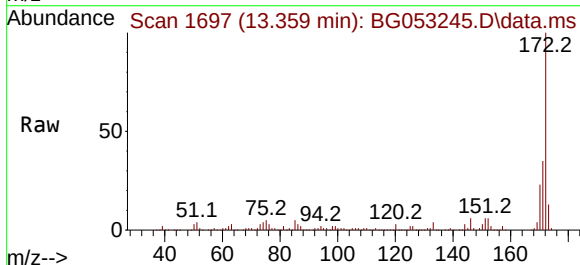
Instrument :
BNA_G
ClientSampleId :
RBR-200046-333

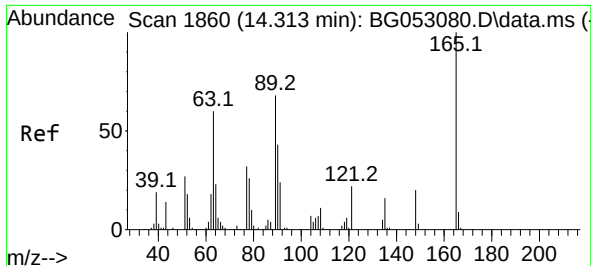
Tgt Ion:330 Resp: 54182
Ion Ratio Lower Upper
330 100
332 95.9 75.8 113.6
141 34.1 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 76.490 ng
RT: 13.359 min Scan# 1697
Delta R.T. -0.009 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

Tgt Ion:172 Resp: 549873
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.1 18.0 27.0





#51

2,6-Dinitrotoluene

Concen: 8.311 ng

RT: 14.734 min Scan# 1931

Delta R.T. 0.420 min

Lab File: BG053245.D

Acq: 21 Apr 2022 17:32

Instrument :

BNA_G

ClientSampleId :

RBR-200046-333

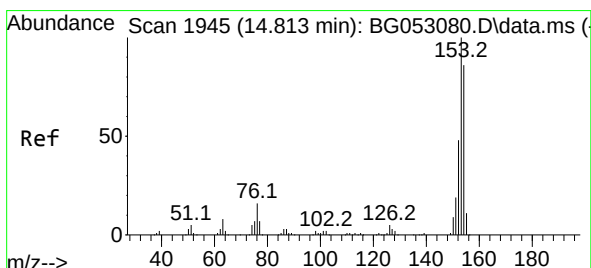
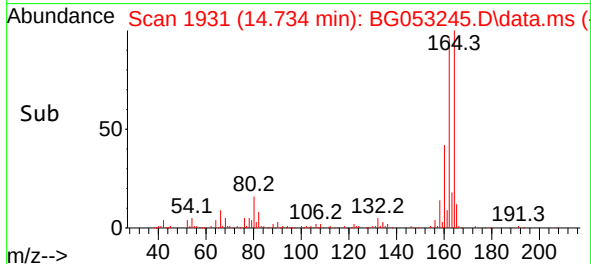
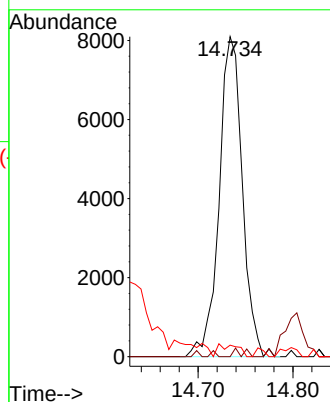
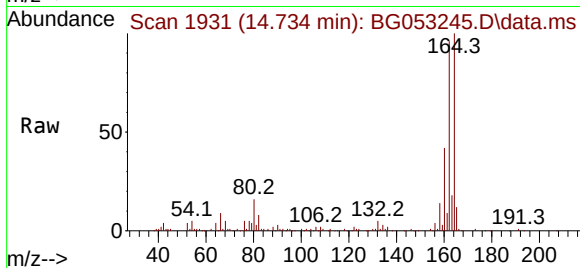
Tgt Ion:165 Resp: 13747

Ion Ratio Lower Upper

165 100

63 0.0 43.7 65.5#

89 3.6 45.0 67.4#



#52

Acenaphthene

Concen: 2.650 ng

RT: 14.798 min Scan# 1942

Delta R.T. -0.015 min

Lab File: BG053245.D

Acq: 21 Apr 2022 17:32

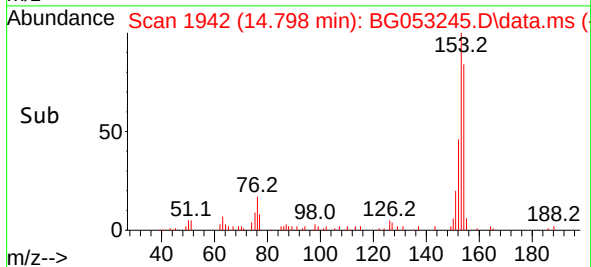
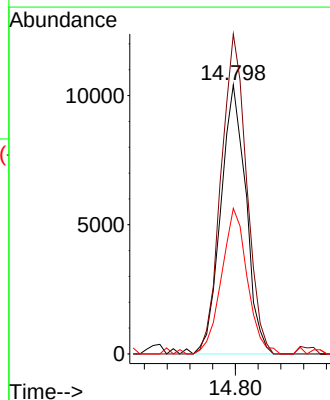
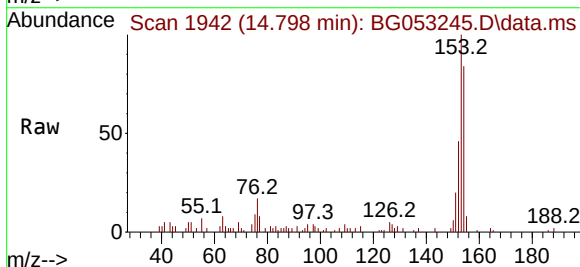
Tgt Ion:154 Resp: 16021

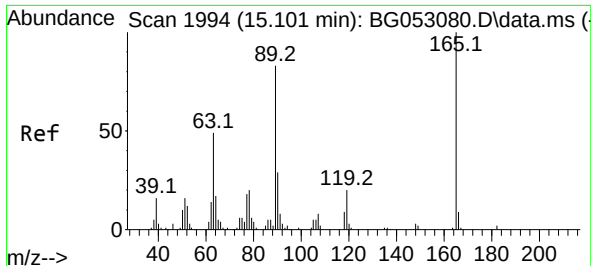
Ion Ratio Lower Upper

154 100

153 118.9 89.0 133.4

152 54.1 40.5 60.7





#57

2,4-Dinitrotoluene

Concen: 5.838 ng

RT: 14.734 min Scan# 1994

Delta R.T. -0.367 min

Lab File: BG053245.D

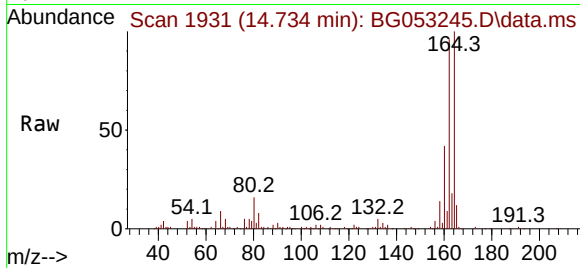
Acq: 21 Apr 2022 17:32

Instrument :

BNA_G

ClientSampleId :

RBR-200046-333



Tgt Ion:165 Resp: 13747

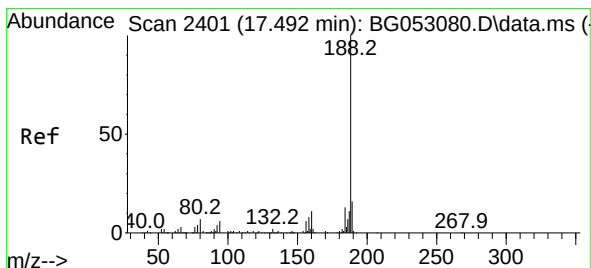
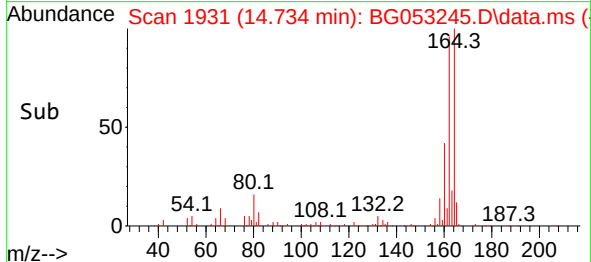
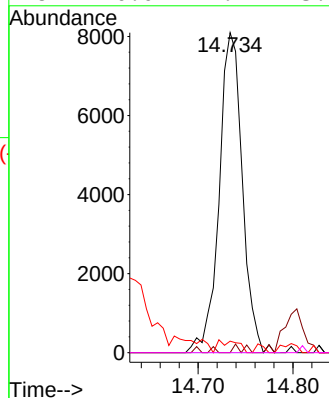
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 3.6 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.483 min Scan# 2399

Delta R.T. -0.009 min

Lab File: BG053245.D

Acq: 21 Apr 2022 17:32

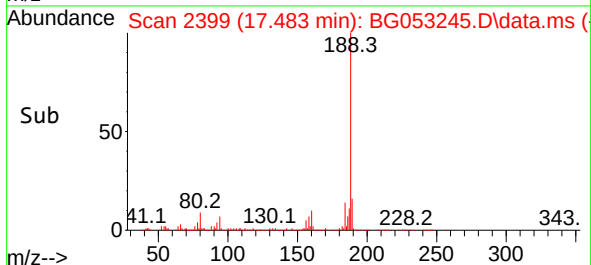
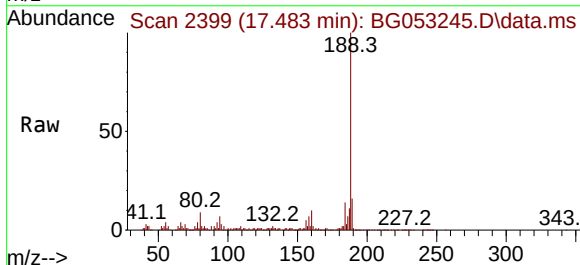
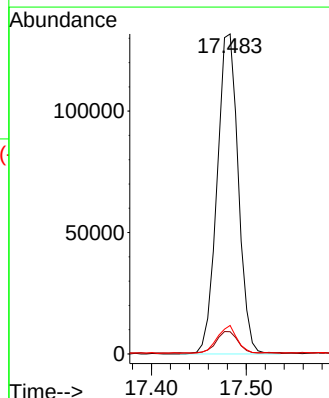
Tgt Ion:188 Resp: 204827

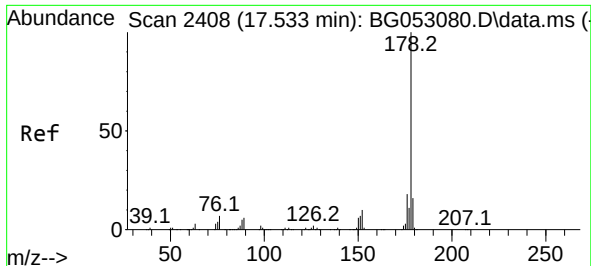
Ion Ratio Lower Upper

188 100

94 7.0 5.7 8.5

80 8.9 7.2 10.8

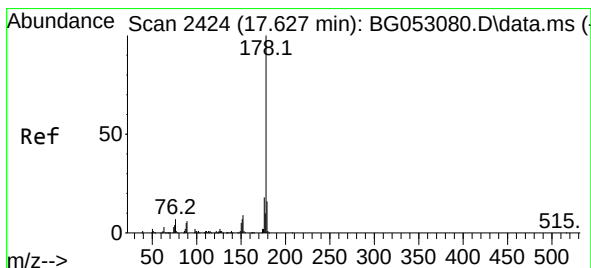
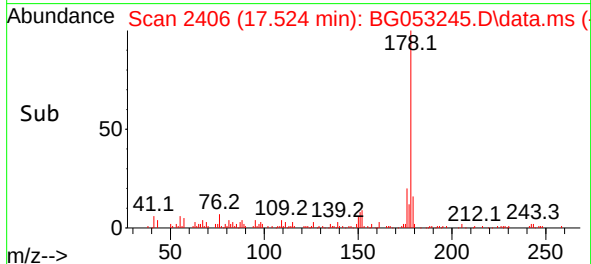
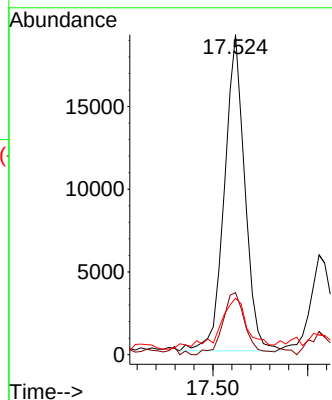
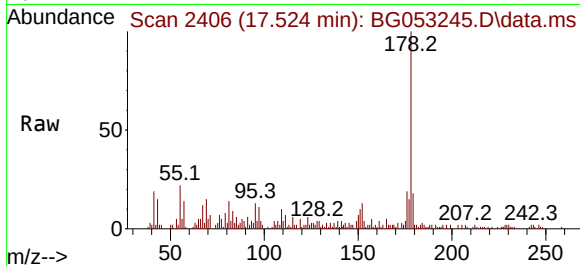




#71
Phenanthrene
Concen: 2.551 ng
RT: 17.524 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

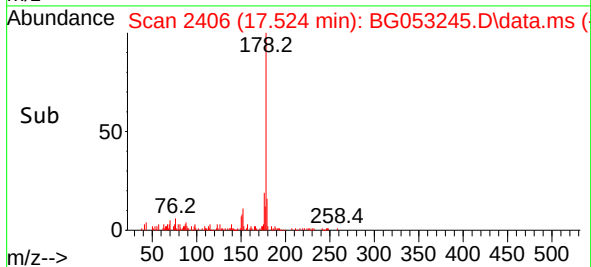
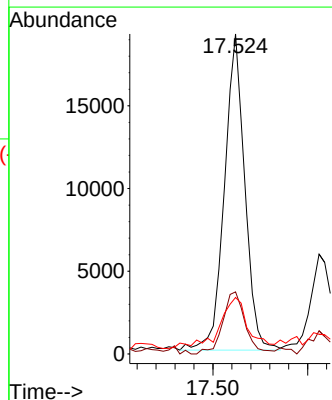
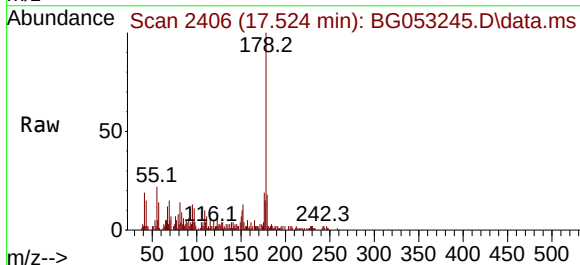
Instrument :
BNA_G
ClientSampleId :
RBR-200046-333

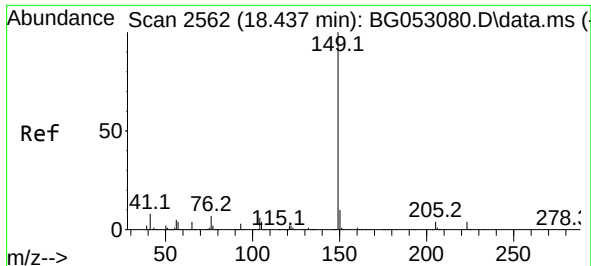
Tgt Ion:178	Resp:	28544
Ion Ratio	Lower	Upper
178	100	
176	19.4	15.9 23.9
179	17.7	13.4 20.2



#72
Anthracene
Concen: 2.575 ng
RT: 17.524 min Scan# 2406
Delta R.T. -0.103 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

Tgt Ion:178	Resp:	28544
Ion Ratio	Lower	Upper
178	100	
176	19.4	14.7 22.1
179	17.7	13.2 19.8

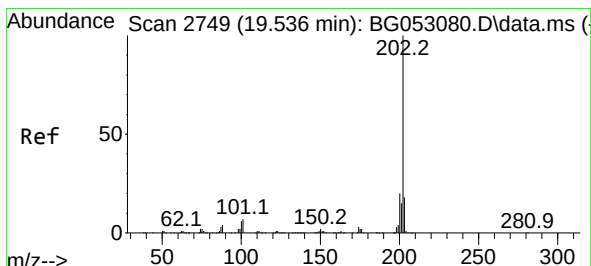
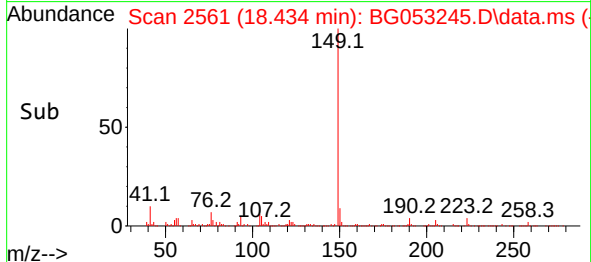
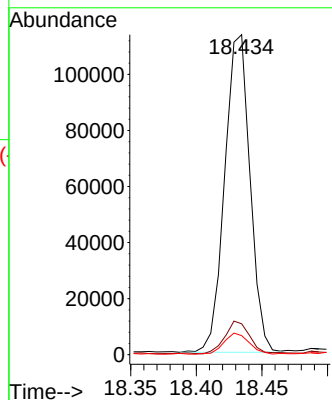
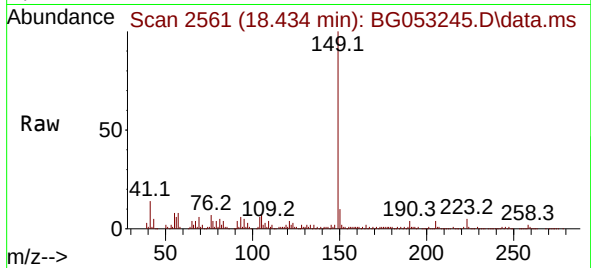




#74
Di-n-butylphthalate
Concen: 12.470 ng
RT: 18.434 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

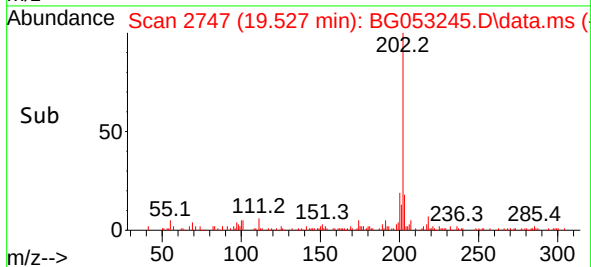
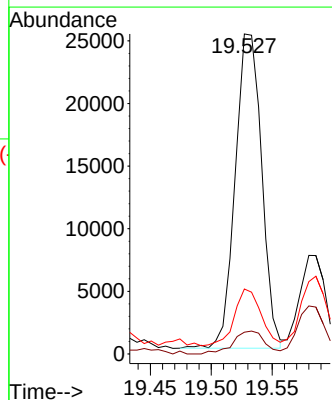
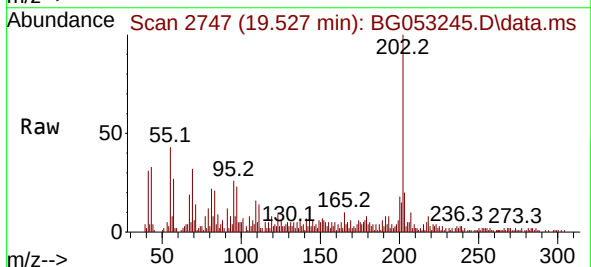
Instrument :
BNA_G
ClientSampleId :
RBR-200046-333

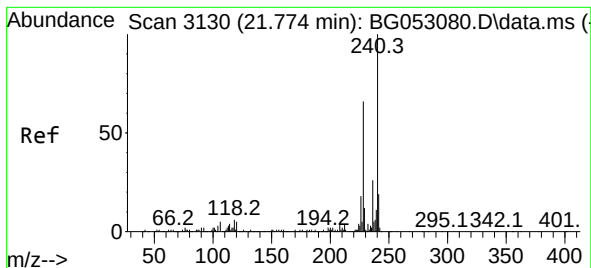
Tgt Ion:149 Resp: 152378
Ion Ratio Lower Upper
149 100
150 9.7 7.0 10.6
104 5.9 4.6 7.0



#75
Fluoranthene
Concen: 2.640 ng
RT: 19.527 min Scan# 2747
Delta R.T. -0.009 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

Tgt Ion:202 Resp: 37866
Ion Ratio Lower Upper
202 100
101 6.8 0.0 27.3
203 20.3 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.765 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG053245.D

Acq: 21 Apr 2022 17:32

Instrument :

BNA_G

ClientSampleId :

RBR-200046-333

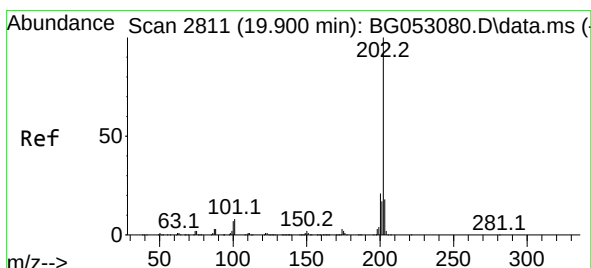
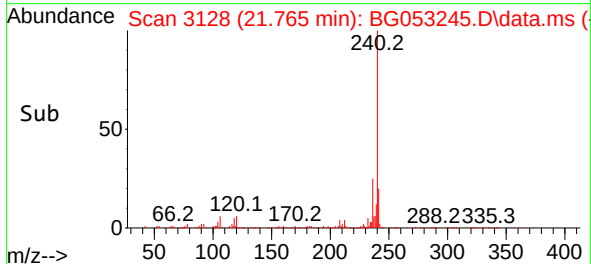
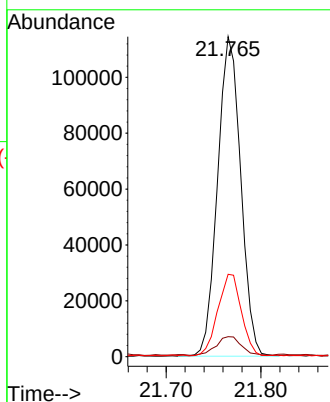
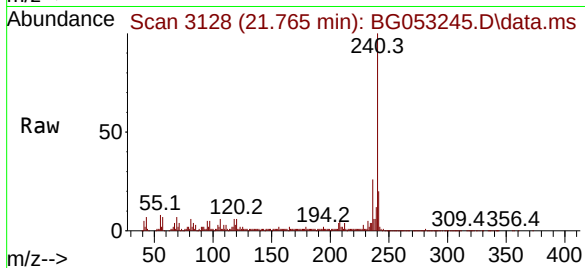
Tgt Ion:240 Resp: 194211

Ion Ratio Lower Upper

240 100

120 6.3 5.4 8.0

236 25.8 19.8 29.6



#78

Pyrene

Concen: 3.216 ng

RT: 19.891 min Scan# 2809

Delta R.T. -0.009 min

Lab File: BG053245.D

Acq: 21 Apr 2022 17:32

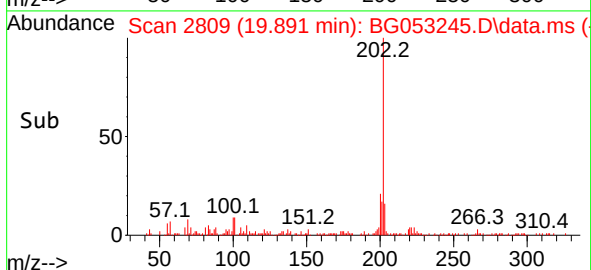
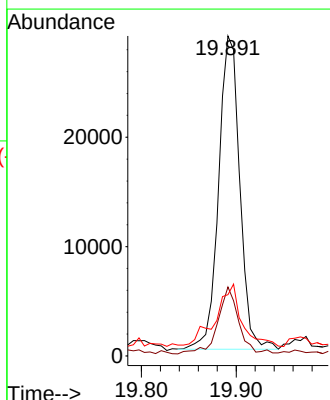
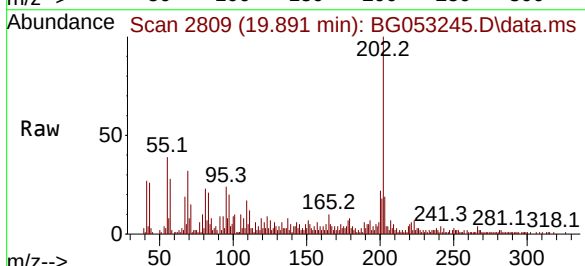
Tgt Ion:202 Resp: 44487

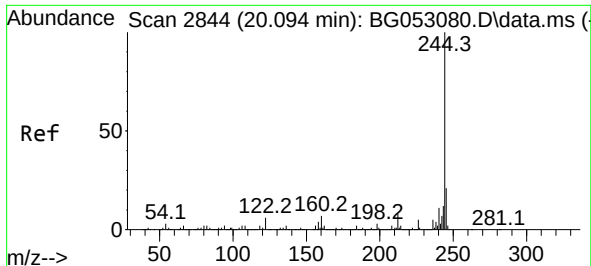
Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.6

203 19.1 15.0 22.6

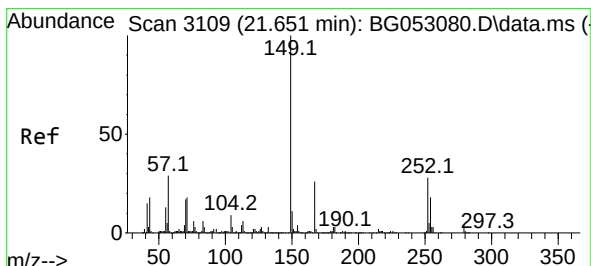
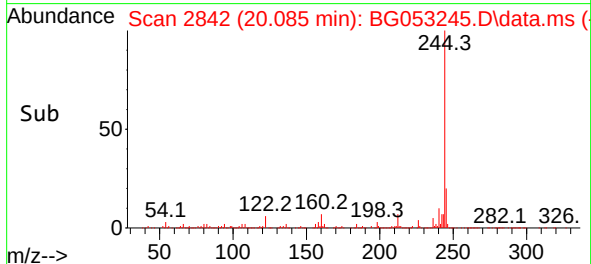
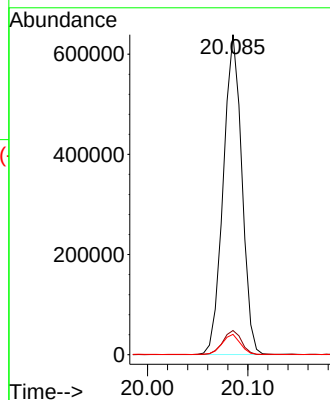
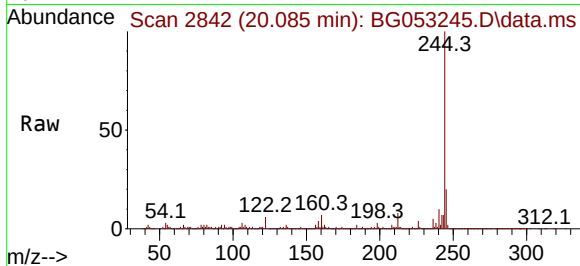




#79
 Terphenyl-d14
 Concen: 71.182 ng
 RT: 20.085 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053245.D
 Acq: 21 Apr 2022 17:32

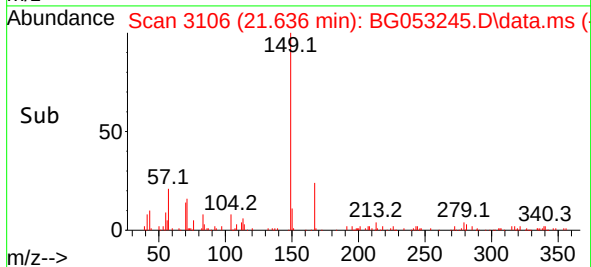
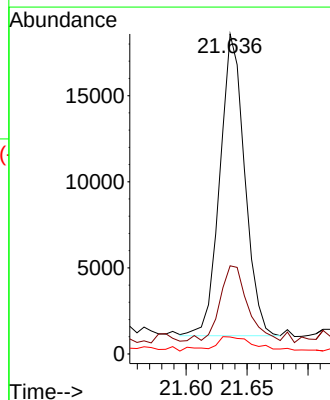
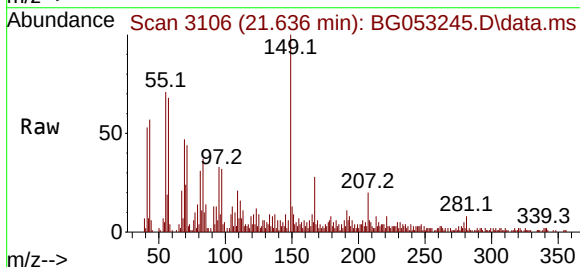
Instrument :
 BNA_G
 ClientSampleId :
 RBR-200046-333

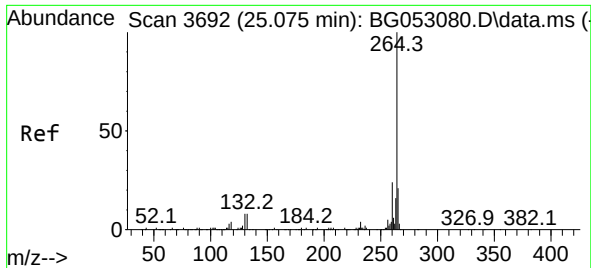
Tgt Ion:244 Resp: 818540
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 6.3 5.8 8.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.561 ng
 RT: 21.636 min Scan# 3106
 Delta R.T. -0.015 min
 Lab File: BG053245.D
 Acq: 21 Apr 2022 17:32

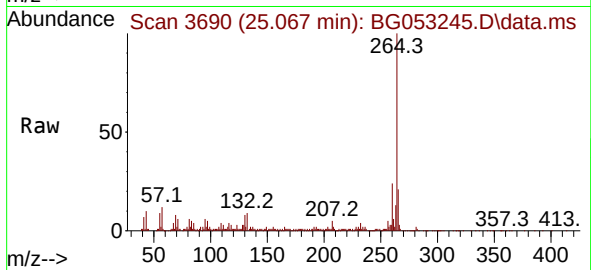
Tgt Ion:149 Resp: 24820
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.4 32.2
 279 5.3 3.8 5.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.067 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

Instrument :
BNA_G
ClientSampleId :
RBR-200046-333



Tgt Ion:264 Resp: 205369

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.2
265	21.2	15.1	22.7

