

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)

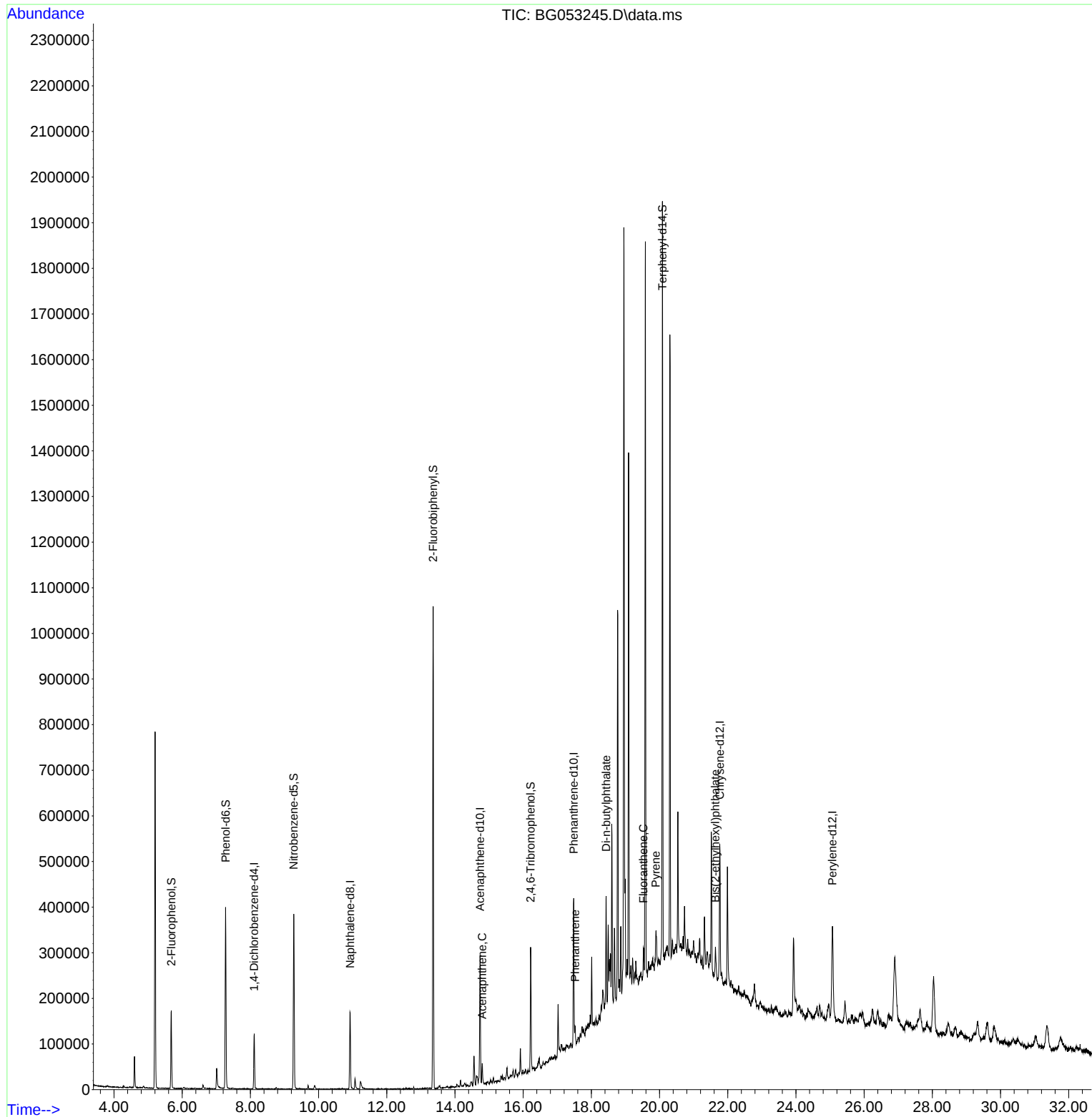
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.107	152	34623	20.000	ng	-0.01
21) Naphthalene-d8	10.927	136	142243	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	99127	20.000	ng	-0.01
64) Phenanthrene-d10	17.483	188	204827	20.000	ng	0.00
76) Chrysene-d12	21.765	240	194211	20.000	ng	0.00
86) Perylene-d12	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
52) Acenaphthene	14.798	154	16021	2.650	ng	93
71) Phenanthrene	17.524	178	28544	2.551	ng	99
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

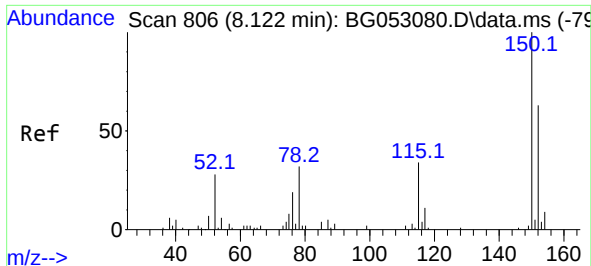
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

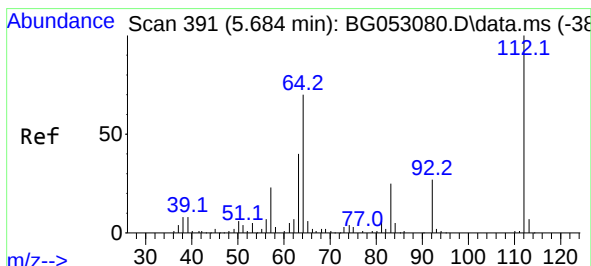
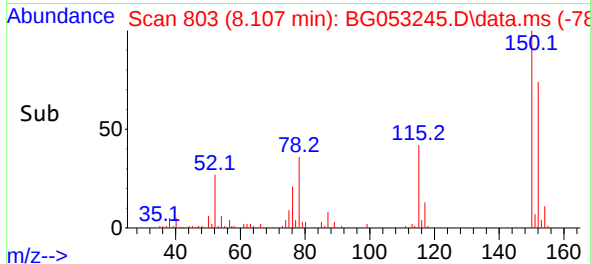
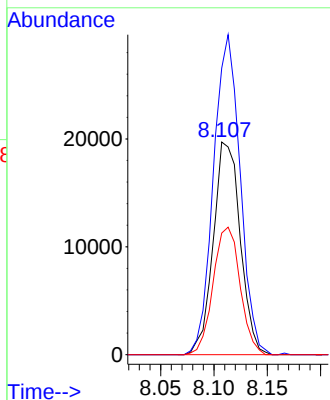
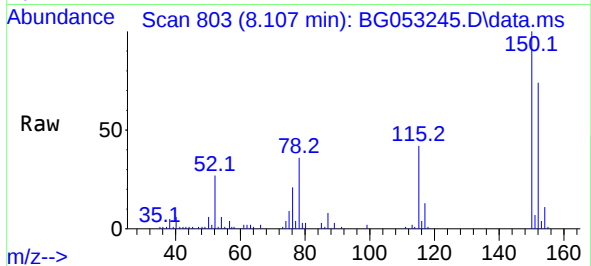




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.107 min Scan# 80
Delta R.T. -0.015 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

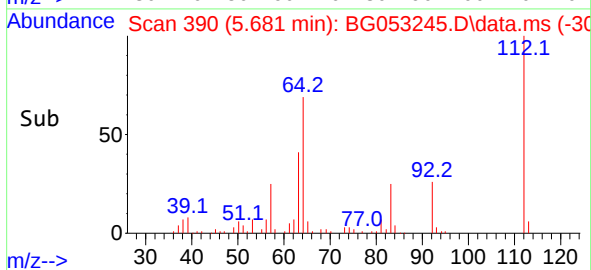
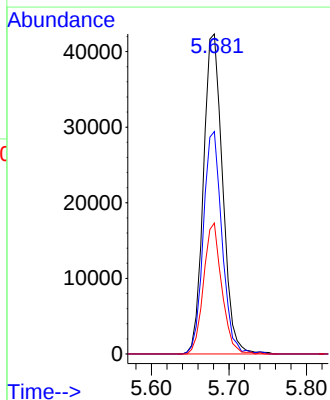
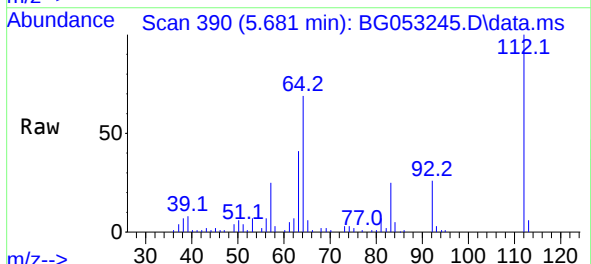
Instrument :
BNA_G
ClientSampleId :
RBR-200046-333

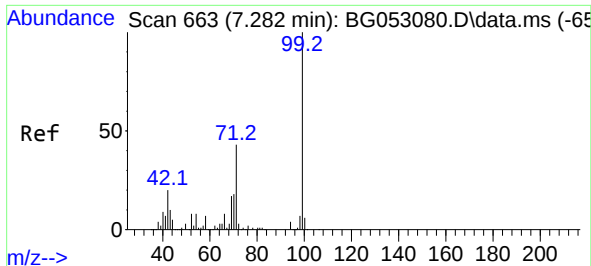
Tgt Ion:152 Resp: 34623
Ion Ratio Lower Upper
152 100
150 134.8 114.6 172.0
115 57.2 45.9 68.9



#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#

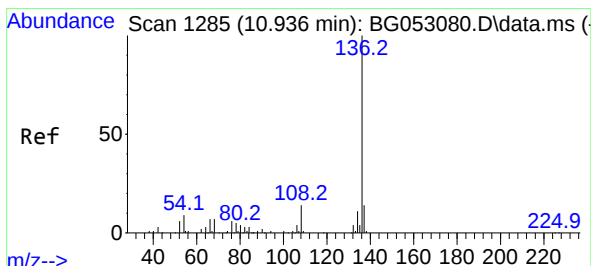
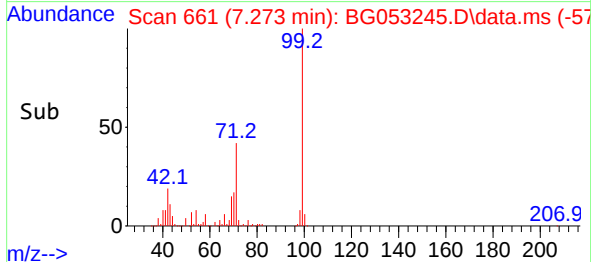
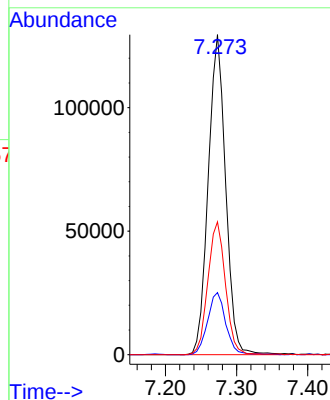
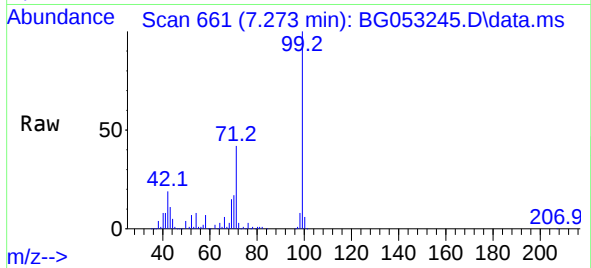




#7
Phenol-d6
Concen: 70.724 ng
RT: 7.273 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

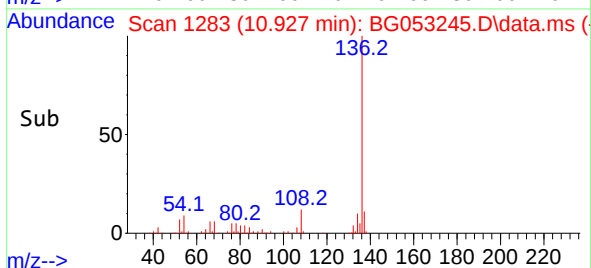
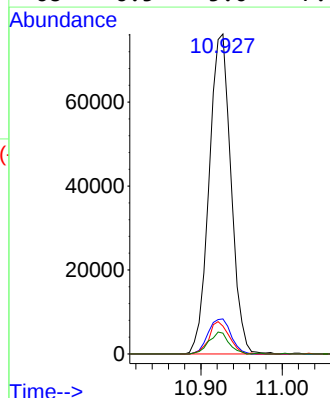
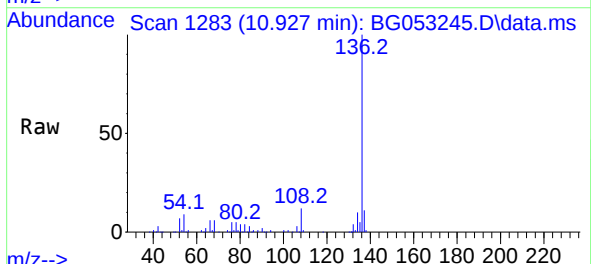
Instrument :
BNA_G
ClientSampleId :
RBR-200046-333

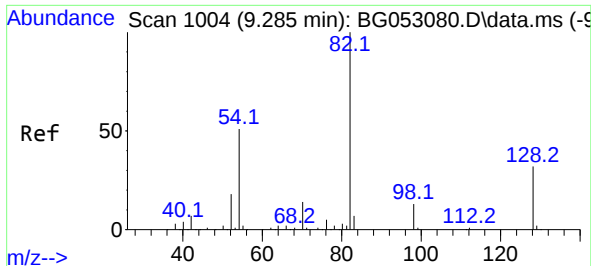
Tgt Ion: 99 Resp: 220286
Ion Ratio Lower Upper
99 100
42 19.4 14.7 22.1
71 41.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.927 min Scan# 1283
Delta R.T. -0.009 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

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

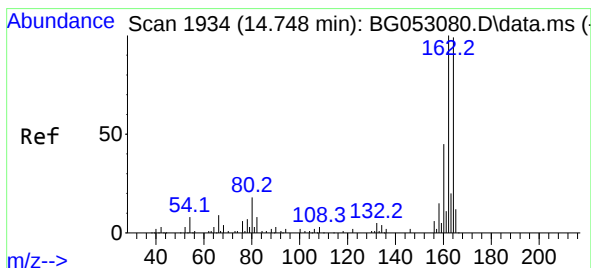
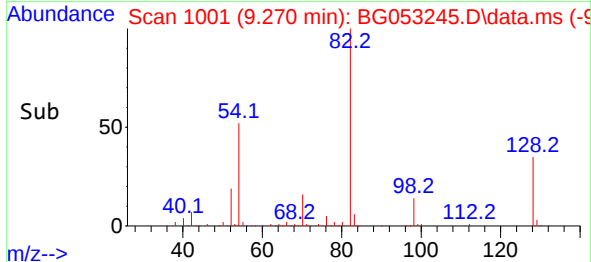
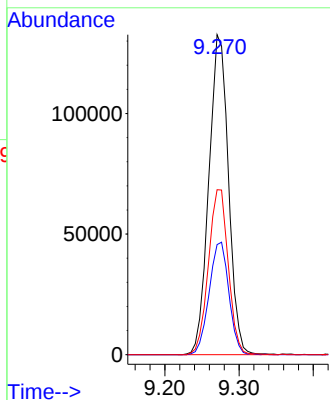
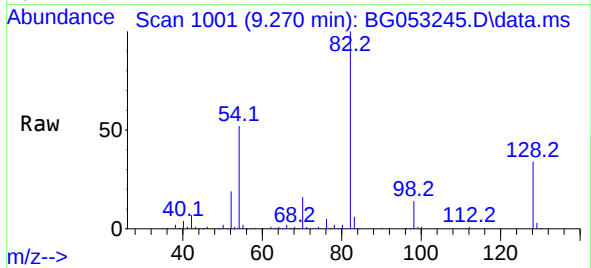




#23
Nitrobenzene-d5
Concen: 69.505 ng
RT: 9.270 min Scan# 1001
Delta R.T. -0.015 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

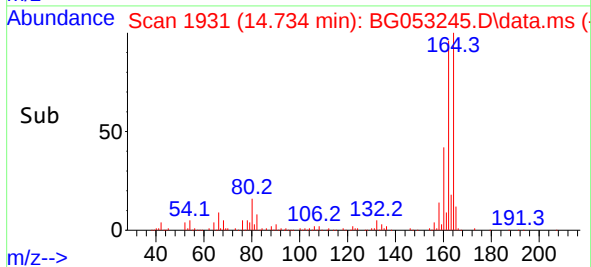
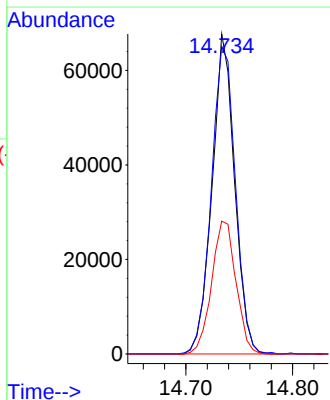
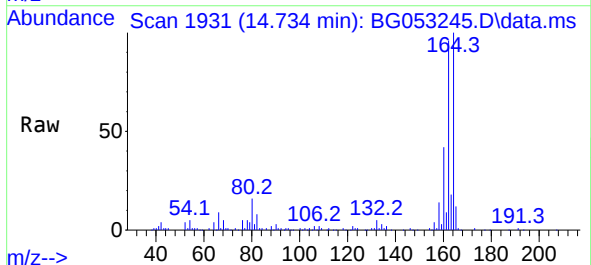
Instrument :
BNA_G
ClientSampleId :
RBR-200046-333

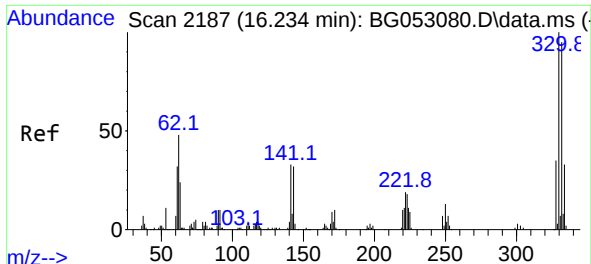
Tgt Ion: 82 Resp: 243491
Ion Ratio Lower Upper
82 100
128 34.4 31.3 46.9
54 51.5 37.8 56.8



#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

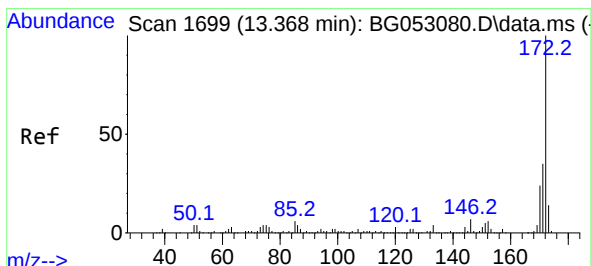
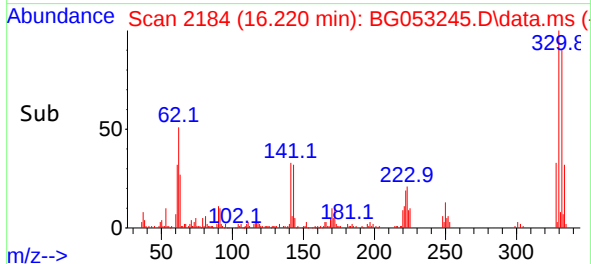
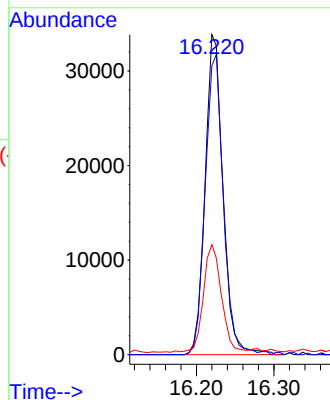
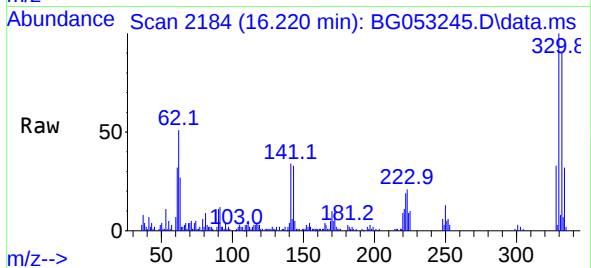




#42
2,4,6-Tribromophenol
Concen: 34.356 ng
RT: 16.220 min Scan# 2187
Delta R.T. -0.015 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

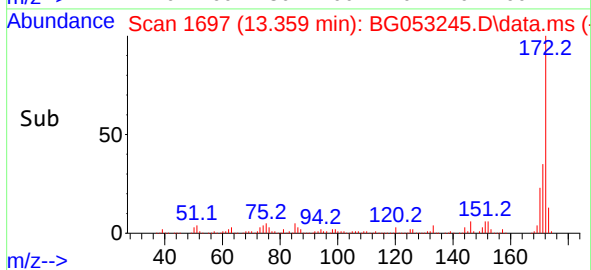
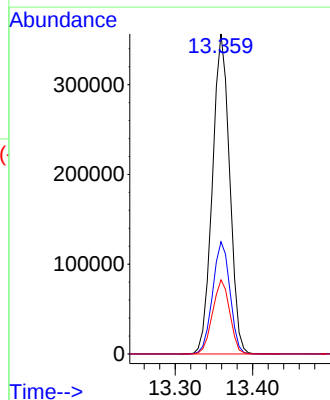
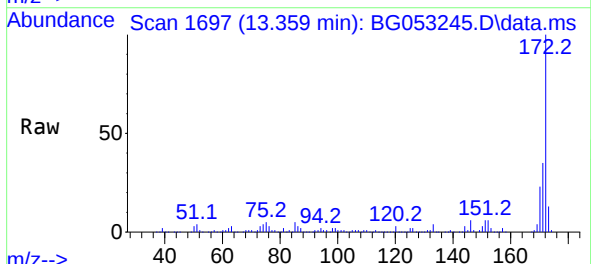
Instrument :
BNA_G
ClientSampleId :
RBR-200046-333

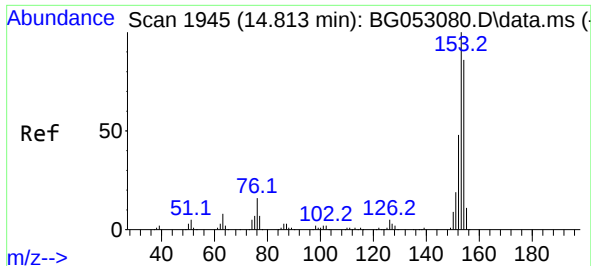
Tgt Ion:330 Resp: 54182
Ion Ratio Lower Upper
330 100
332 95.9 75.8 113.6
141 34.1 24.6 36.8



#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

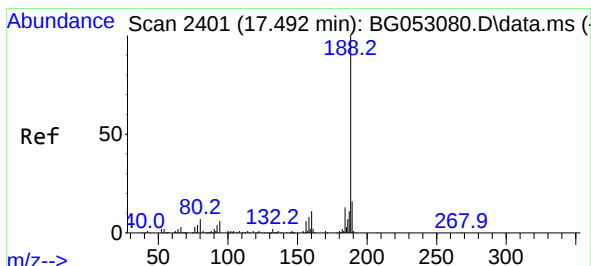
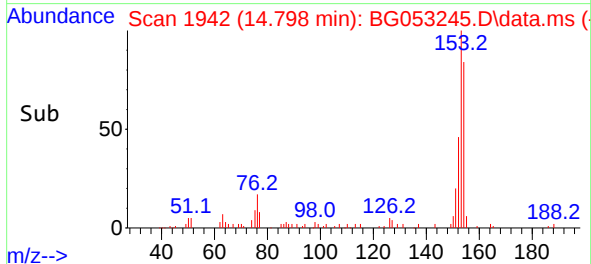
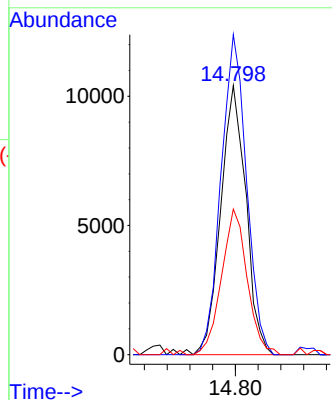
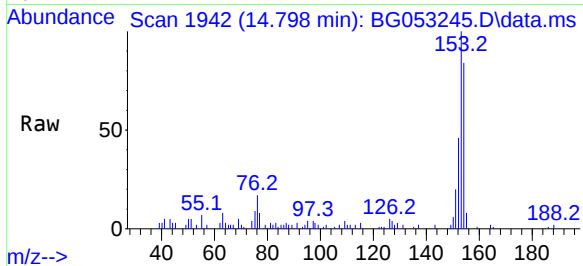




#52
Acenaphthene
Concen: 2.650 ng
RT: 14.798 min Scan# 1942
Delta R.T. -0.015 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

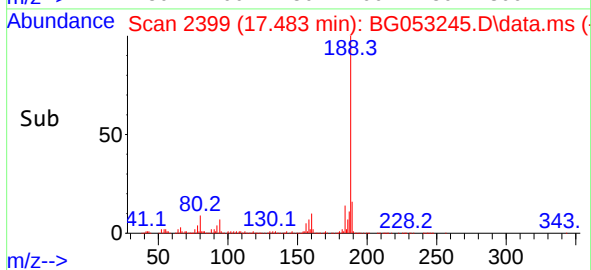
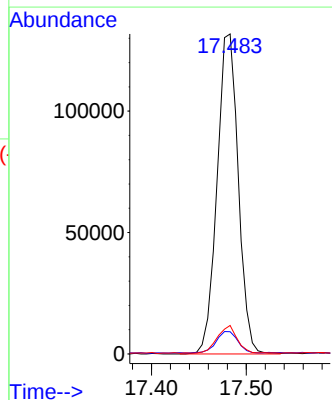
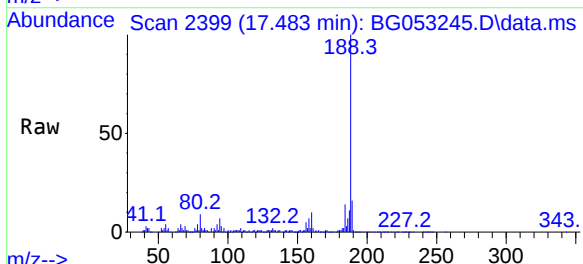
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ClientSampleId :
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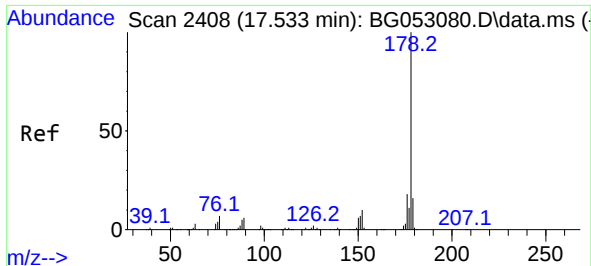
Tgt Ion:154 Resp: 16021
Ion Ratio Lower Upper
154 100
153 118.9 89.0 133.4
152 54.1 40.5 60.7



#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

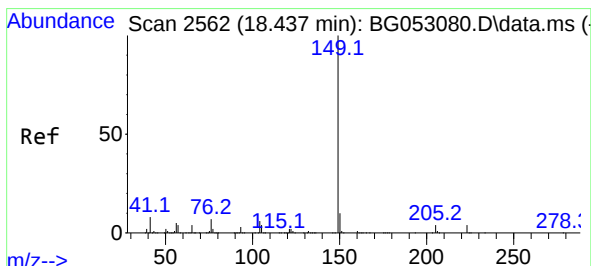
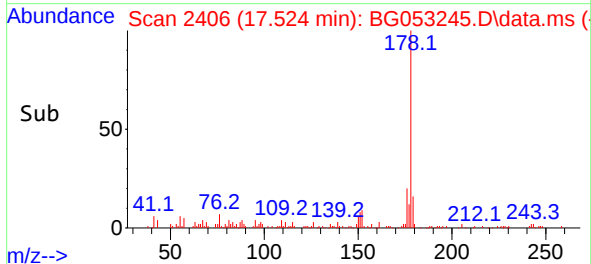
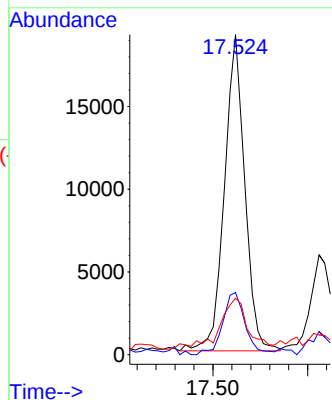
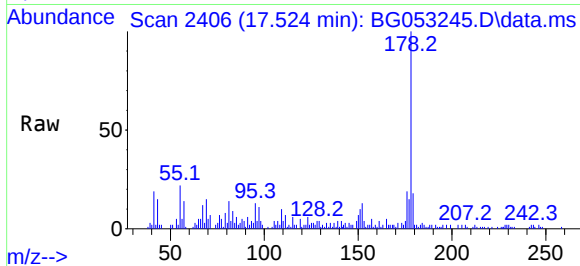




#71
Phenanthrene
Concen: 2.551 ng
RT: 17.524 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

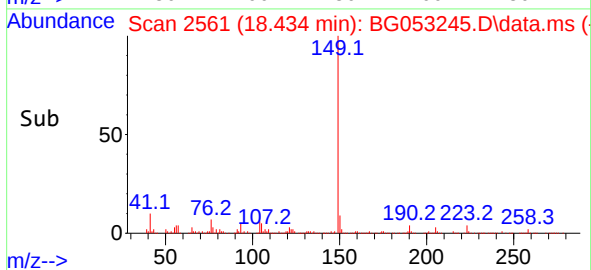
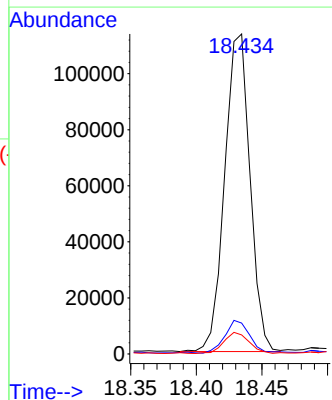
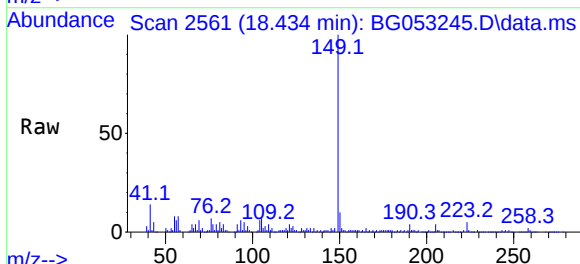
Instrument :
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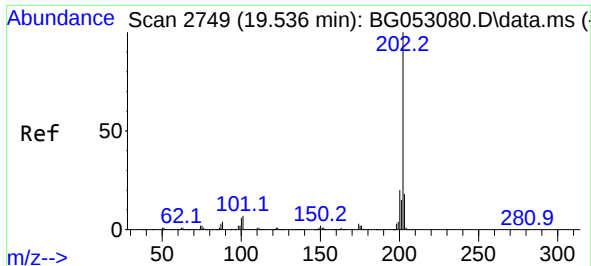
Tgt Ion:	178	Resp:	28544
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	17.7	13.4	20.2



#74
Di-n-butylphthalate
Concen: 12.470 ng
RT: 18.434 min Scan# 2561
Delta R.T. -0.003 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

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

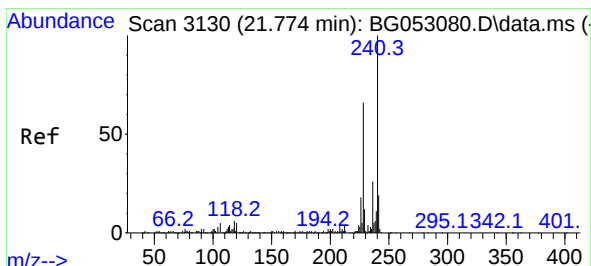
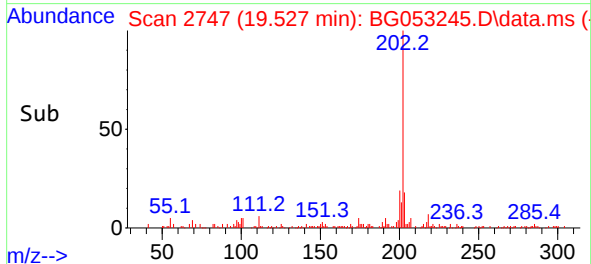
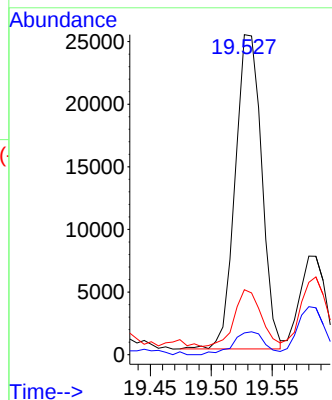
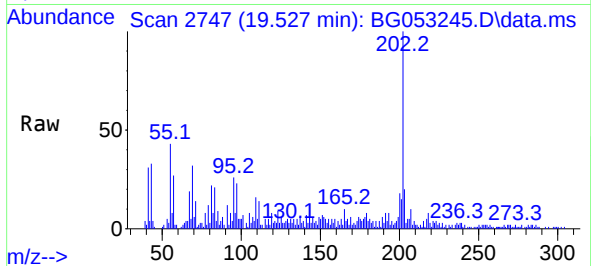




#75
Fluoranthene
Concen: 2.640 ng
RT: 19.527 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

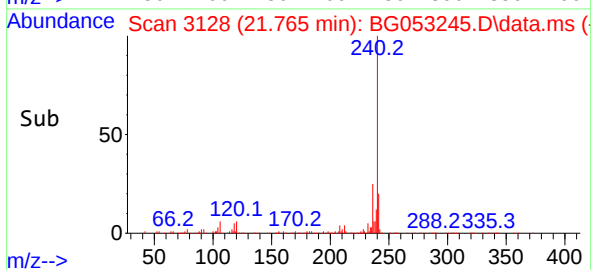
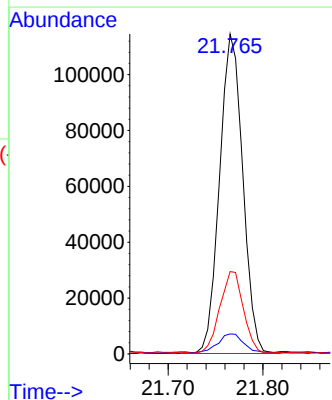
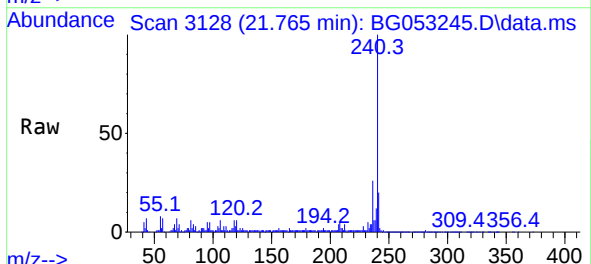
Instrument :
BNA_G
ClientSampleId :
RBR-200046-333

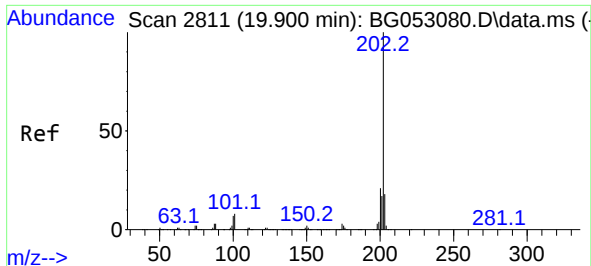
Tgt Ion:202 Resp: 37866
Ion Ratio Lower Upper
202 100
101 6.8 0.0 27.3
203 20.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.765 min Scan# 3128
Delta R.T. -0.009 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

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

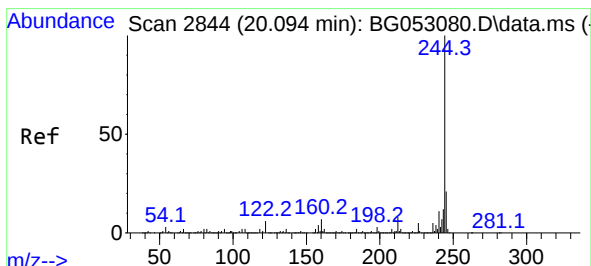
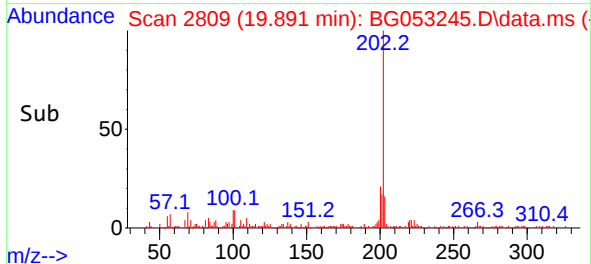
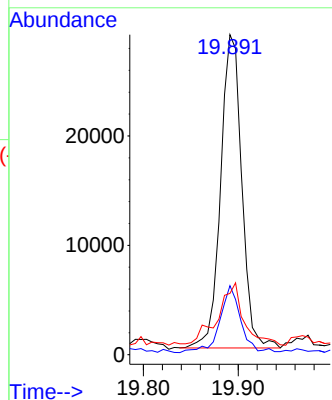
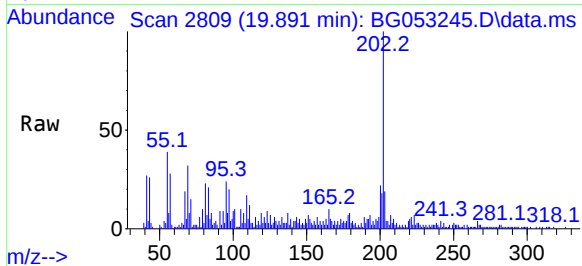




#78
Pyrene
Concen: 3.216 ng
RT: 19.891 min Scan# 2809
Delta R.T. -0.009 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

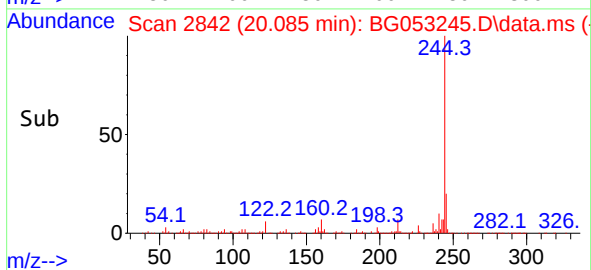
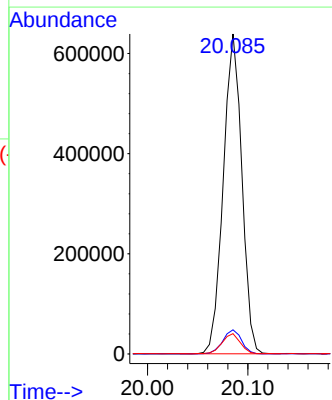
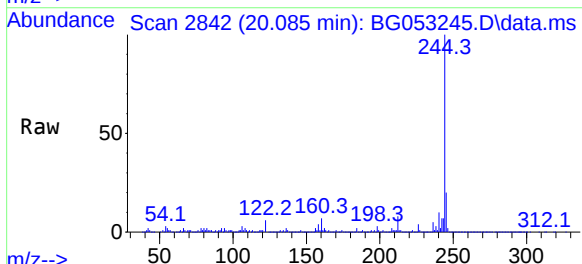
Instrument :
BNA_G
ClientSampleId :
RBR-200046-333

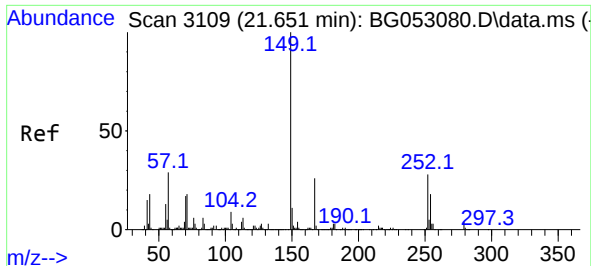
Tgt Ion:	202	Resp:	44487
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.6
203	19.1	15.0	22.6



#79
Terphenyl-d14
Concen: 71.182 ng
RT: 20.085 min Scan# 2842
Delta R.T. -0.009 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

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

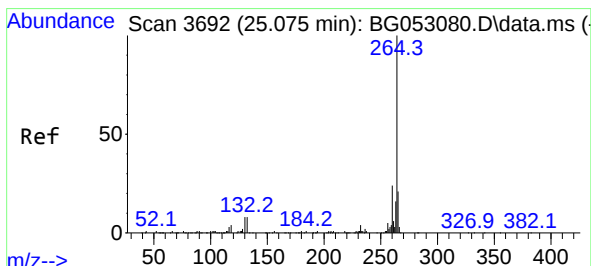
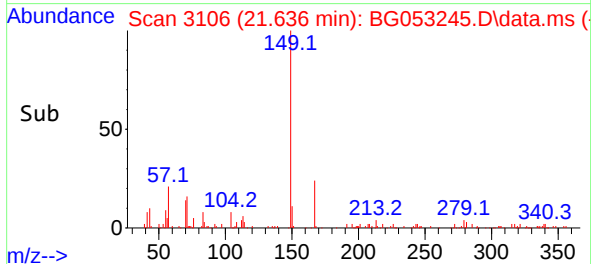
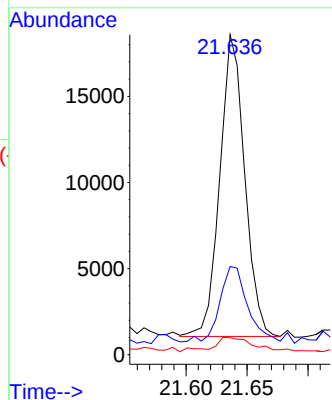
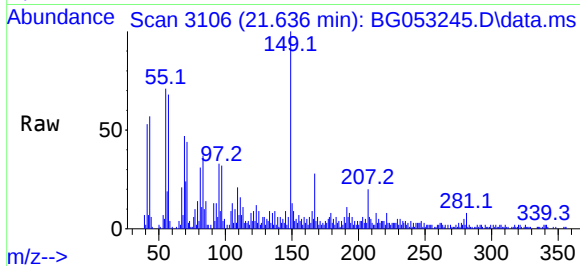




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.561 ng
RT: 21.636 min Scan# 3106
Delta R.T. -0.015 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

Instrument :
BNA_G
ClientSampleId :
RBR-200046-333

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# 3690
Delta R.T. -0.009 min
Lab File: BG053245.D
Acq: 21 Apr 2022 17:32

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

