

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021723\
 Data File : BG056665.D
 Acq On : 17 Feb 2023 21:13
 Operator : CG/JU
 Sample : 01572-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200028

Quant Time: Feb 18 00:08:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:33:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.432	152	15239	20.000	ng	0.00
21) Naphthalene-d8	11.270	136	56493	20.000	ng	0.00
39) Acenaphthene-d10	15.036	164	41724	20.000	ng	0.00
64) Phenanthrene-d10	17.768	188	114715	20.000	ng	0.00
76) Chrysene-d12	22.087	240	124862	20.000	ng	-0.01
86) Perylene-d12	25.624	264	131482	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.941	112	133225	142.245	ng	0.00
7) Phenol-d6	7.551	99	161205	116.521	ng	0.00
23) Nitrobenzene-d5	9.607	82	115470	104.654	ng	0.00
42) 2,4,6-Tribromophenol	16.511	330	91215	159.675	ng	0.00
45) 2-Fluorobiphenyl	13.667	172	301254	96.682	ng	0.00
79) Terphenyl-d14	20.342	244	756230	99.092	ng	0.00

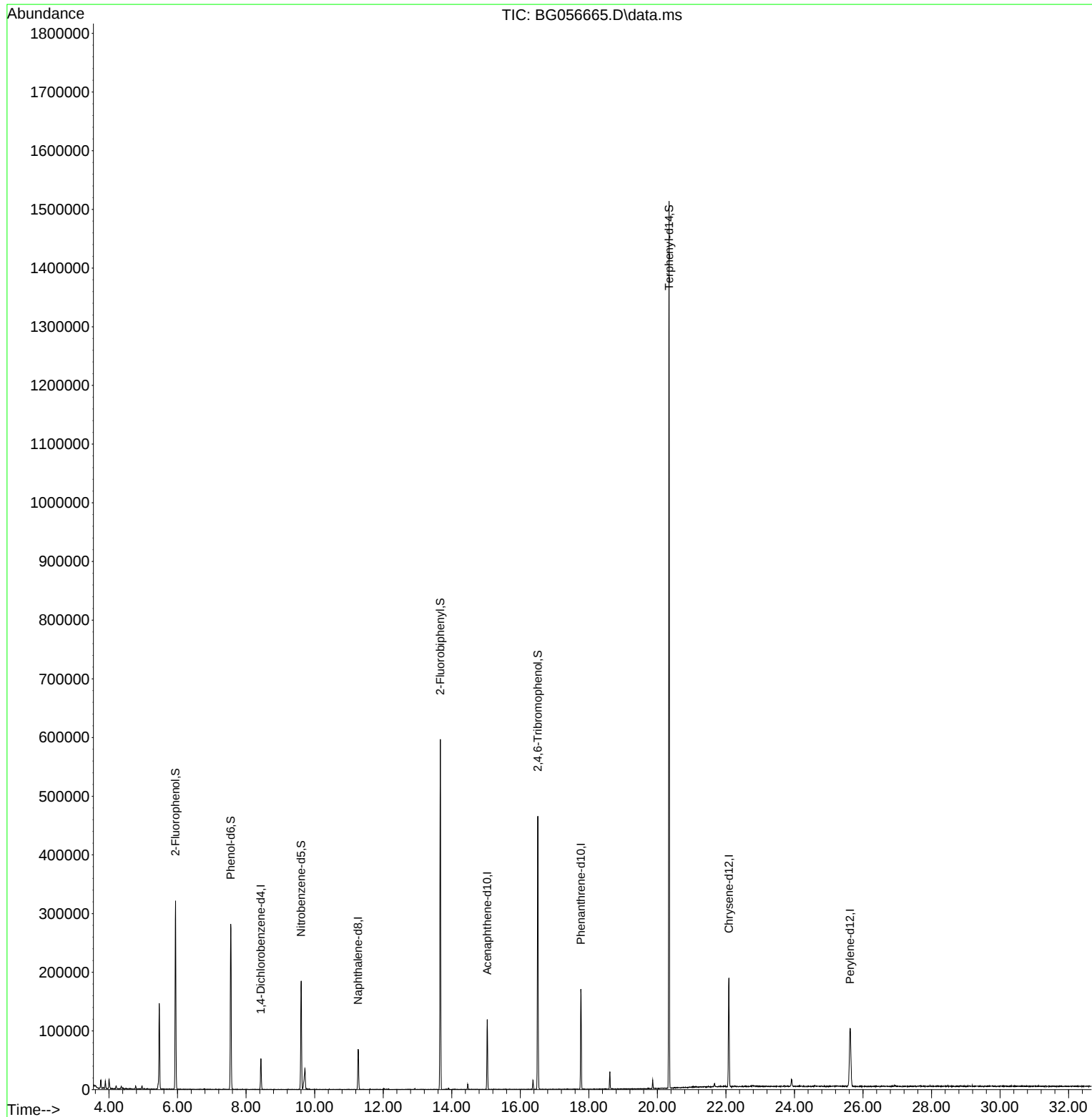
Target Compounds	Qvalue

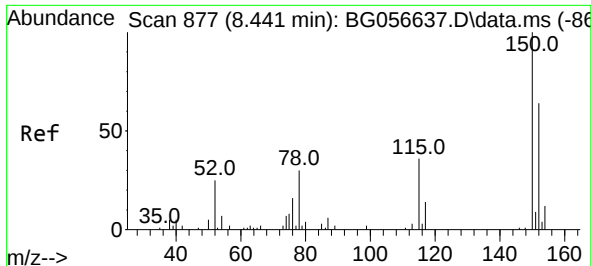
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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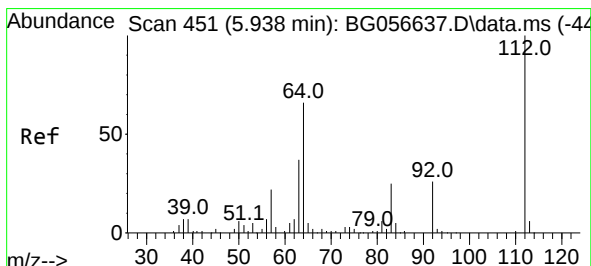
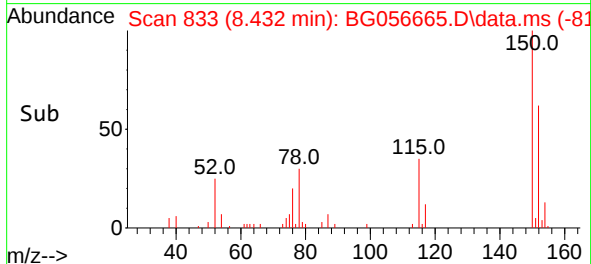
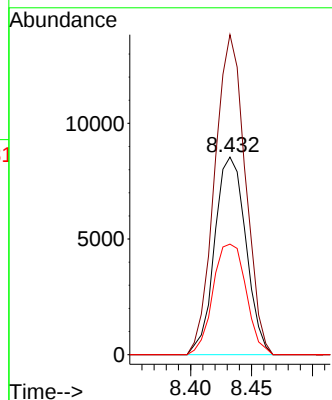
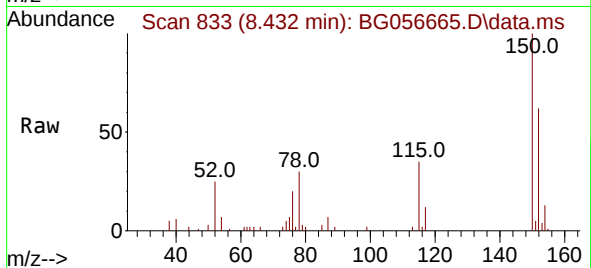




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.432 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

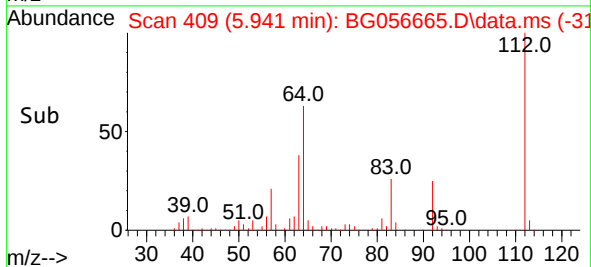
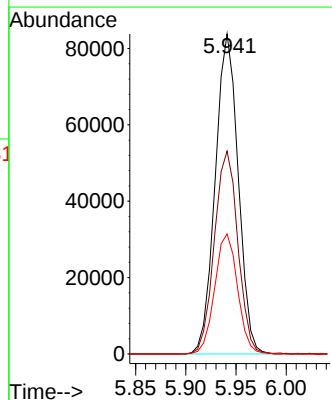
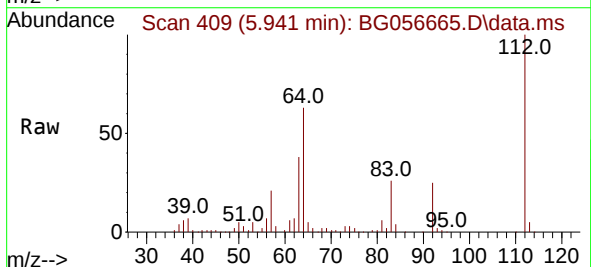
Instrument :
BNA_G
ClientSampleId :
RBR-200028

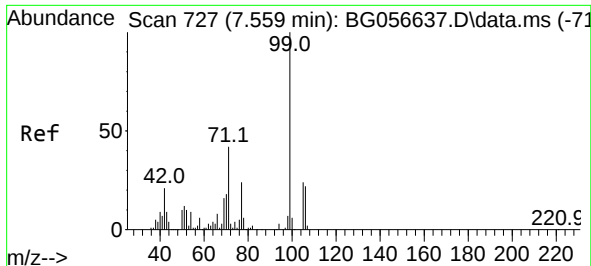
Tgt Ion:152 Resp: 15239
Ion Ratio Lower Upper
152 100
150 161.9 124.8 187.2
115 56.0 44.7 67.1



#5
2-Fluorophenol
Concen: 142.245 ng
RT: 5.941 min Scan# 409
Delta R.T. 0.003 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

Tgt Ion:112 Resp: 133225
Ion Ratio Lower Upper
112 100
64 63.4 52.6 78.8
63 37.5 29.8 44.6

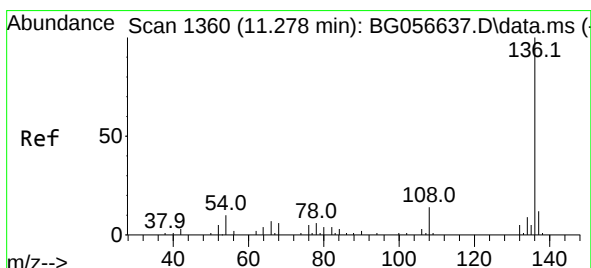
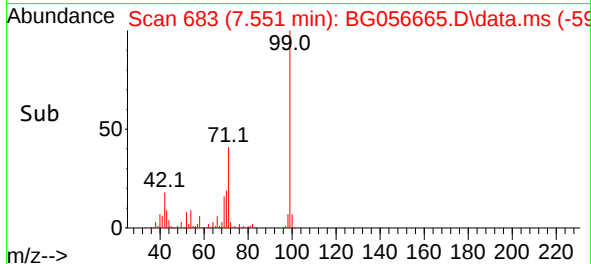
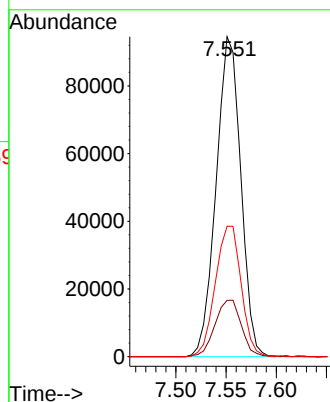
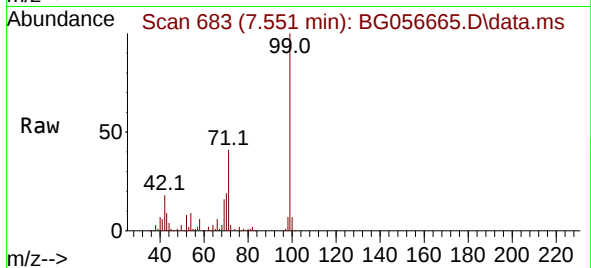




#7
Phenol-d6
Concen: 116.521 ng
RT: 7.551 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

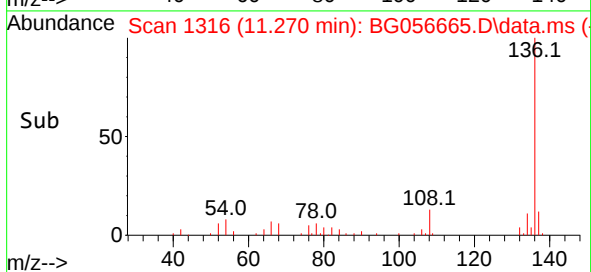
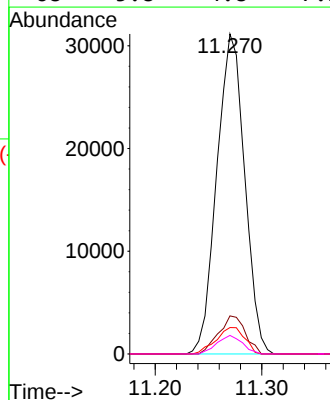
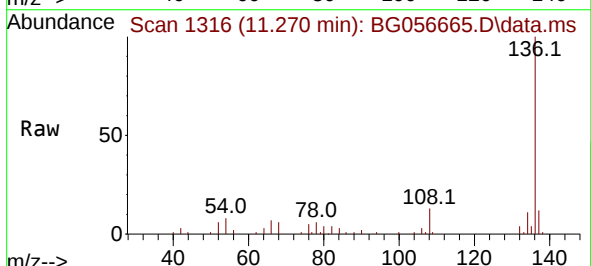
Instrument :
BNA_G
ClientSampleId :
RBR-200028

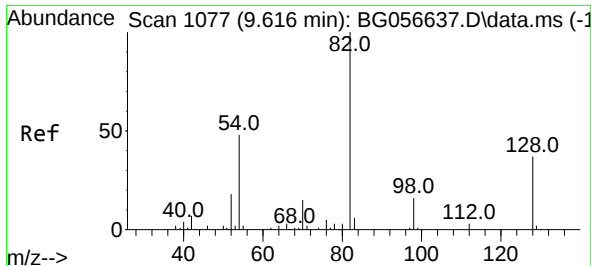
Tgt Ion: 99 Resp: 161205
Ion Ratio Lower Upper
99 100
42 17.6 16.8 25.2
71 40.8 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.270 min Scan# 1316
Delta R.T. -0.008 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

Tgt Ion:136 Resp: 56493
Ion Ratio Lower Upper
136 100
137 11.9 9.7 14.5
54 8.2 7.7 11.5
68 5.8 4.8 7.2

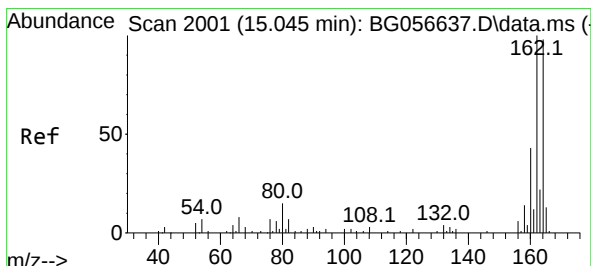
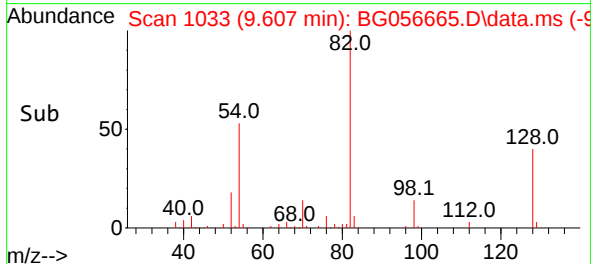
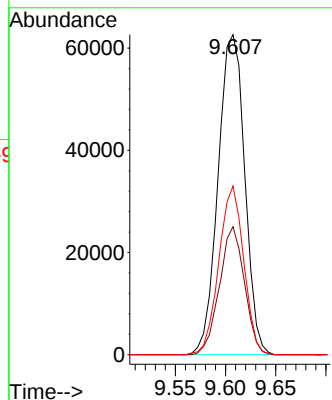
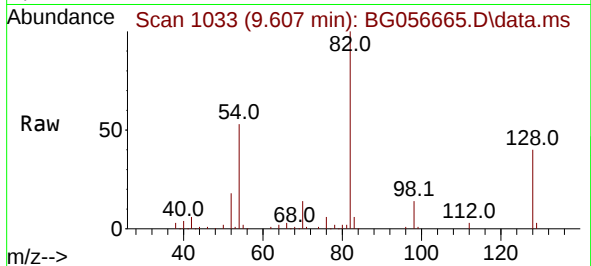




#23
Nitrobenzene-d5
Concen: 104.654 ng
RT: 9.607 min Scan# 1077
Delta R.T. -0.009 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

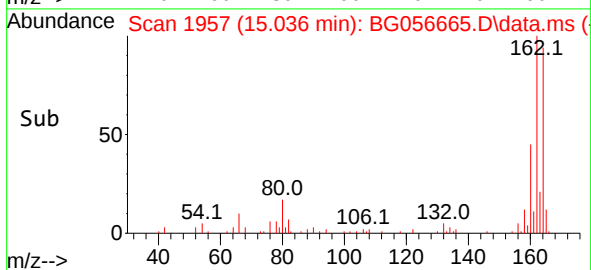
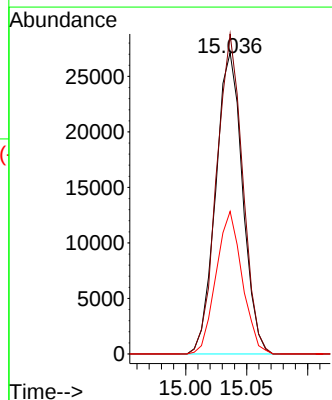
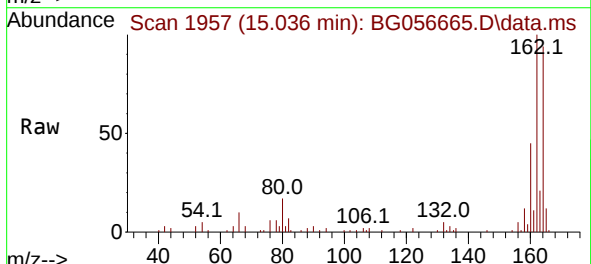
Instrument :
BNA_G
ClientSampleId :
RBR-200028

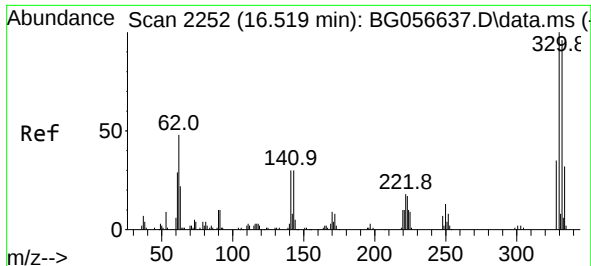
Tgt Ion: 82 Resp: 115470
Ion Ratio Lower Upper
82 100
128 40.0 29.4 44.2
54 52.7 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.036 min Scan# 1957
Delta R.T. -0.008 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

Tgt Ion:164 Resp: 41724
Ion Ratio Lower Upper
164 100
162 106.2 81.3 121.9
160 47.3 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 159.675 ng

RT: 16.511 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG056665.D

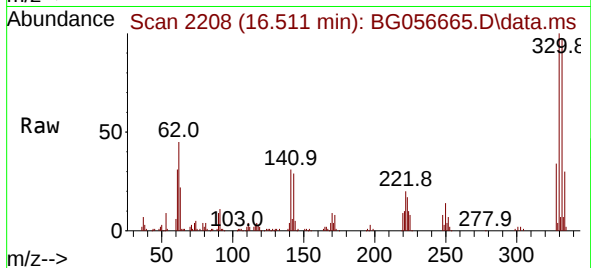
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Instrument :

BNA_G

ClientSampleId :

RBR-200028



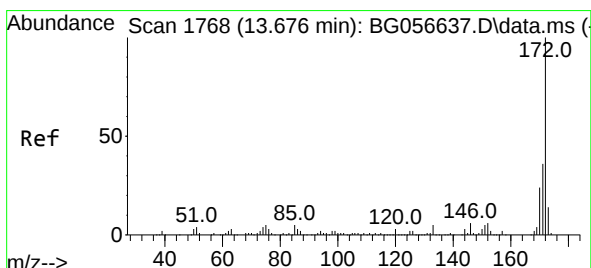
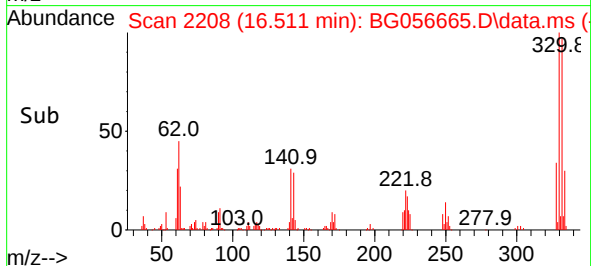
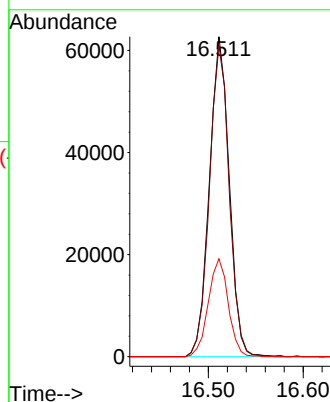
Tgt Ion:330 Resp: 91215

Ion Ratio Lower Upper

330 100

332 97.4 75.7 113.5

141 30.8 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 96.682 ng

RT: 13.667 min Scan# 1724

Delta R.T. -0.008 min

Lab File: BG056665.D

Acq: 17 Feb 2023 21:13

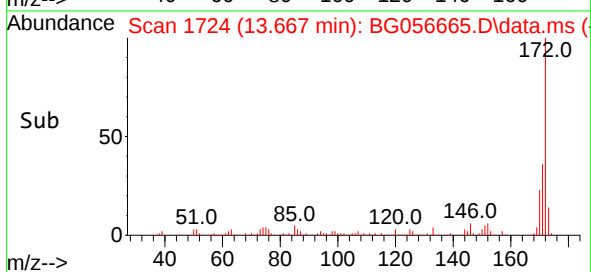
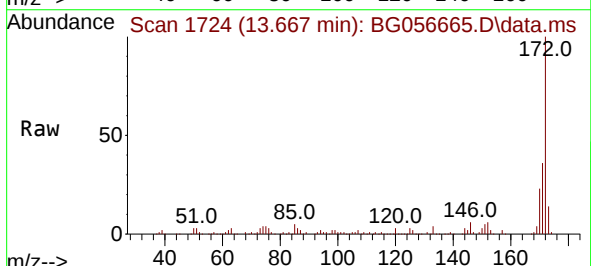
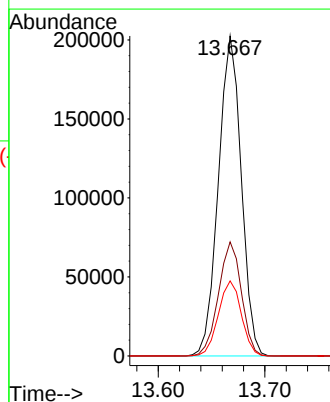
Tgt Ion:172 Resp: 301254

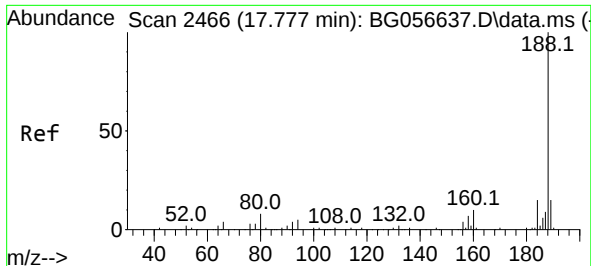
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.4 19.4 29.0

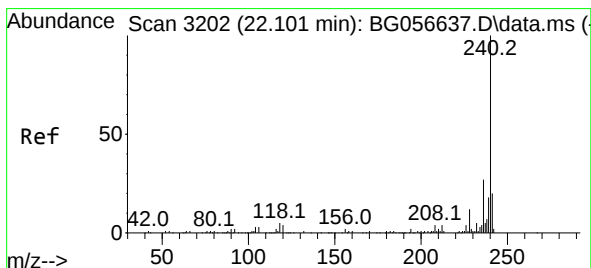
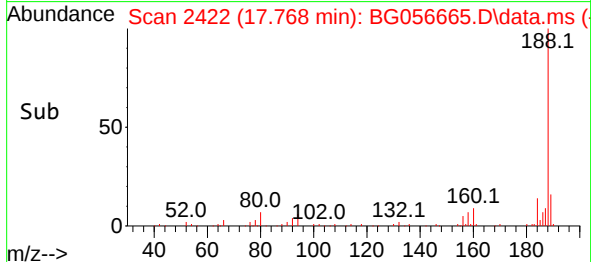
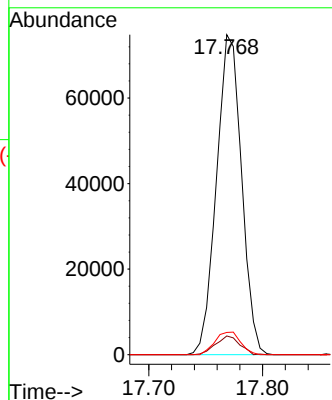
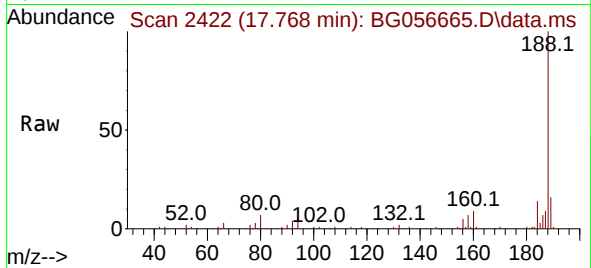




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.768 min Scan# 2466
Delta R.T. -0.008 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

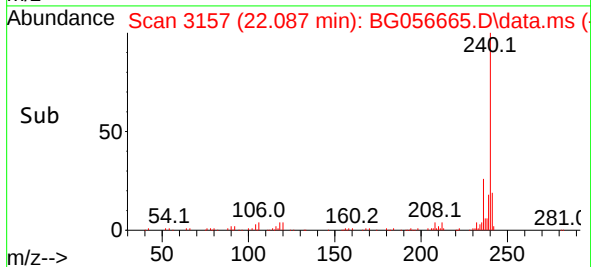
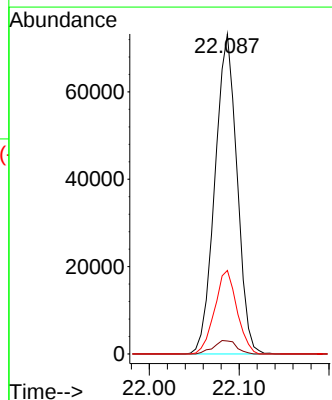
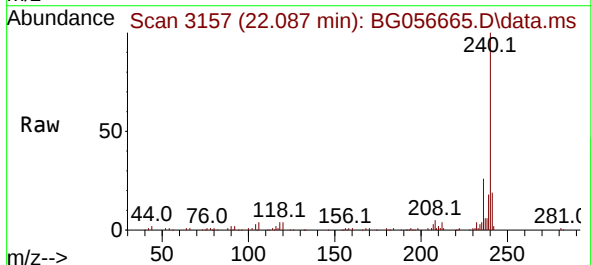
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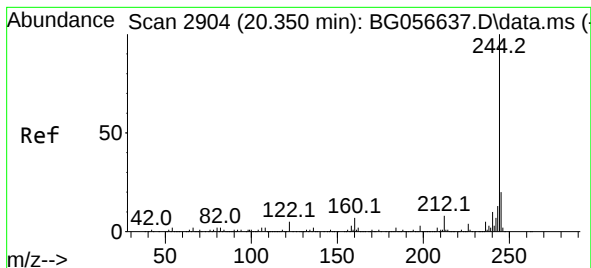
Tgt Ion:188 Resp: 114715
Ion Ratio Lower Upper
188 100
94 5.9 4.0 6.0
80 7.0 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.087 min Scan# 3157
Delta R.T. -0.014 min
Lab File: BG056665.D
Acq: 17 Feb 2023 21:13

Tgt Ion:240 Resp: 124862
Ion Ratio Lower Upper
240 100
120 4.1 3.5 5.3
236 26.1 21.5 32.3





#79

Terphenyl-d14

Concen: 99.092 ng

RT: 20.342 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG056665.D

Acq: 17 Feb 2023 21:13

Instrument :

BNA_G

ClientSampleId :

RBR-200028

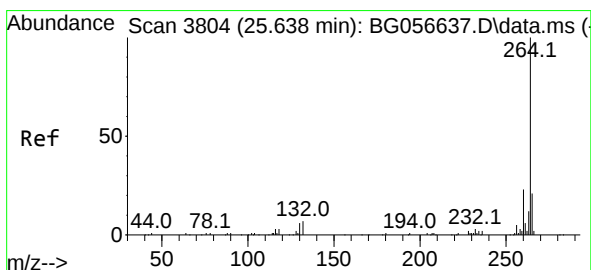
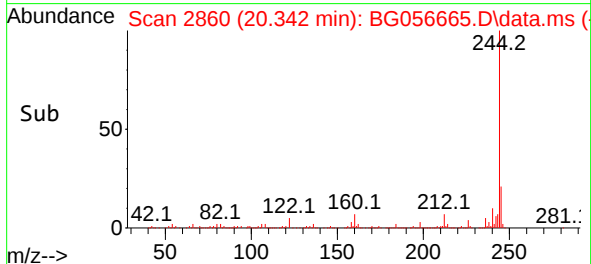
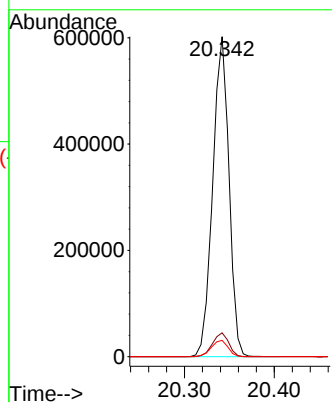
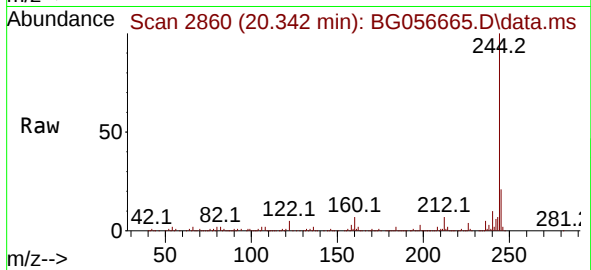
Tgt Ion:244 Resp: 756230

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 5.1 3.8 5.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.624 min Scan# 3759

Delta R.T. -0.014 min

Lab File: BG056665.D

Acq: 17 Feb 2023 21:13

Tgt Ion:264 Resp: 131482

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.5 17.0 25.4

