

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060222\
 Data File : BG053797.D
 Acq On : 2 Jun 2022 18:57
 Operator : CG/JU
 Sample : N2984-05RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P014-SS002-2430-01RE

Quant Time: Jun 03 02:27:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.096	152	12547	20.000	ng	0.00
21) Naphthalene-d8	10.899	136	55313	20.000	ng	0.00
39) Acenaphthene-d10	14.712	164	51117	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	183824	20.000	ng	0.00
76) Chrysene-d12	21.727	240	195305	20.000	ng	0.00
86) Perylene-d12	24.994	264	186613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	106296	155.573	ng	0.00
7) Phenol-d6	7.238	99	151387	163.566	ng	0.00
23) Nitrobenzene-d5	9.248	82	84442	100.250	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	127651	205.727	ng	0.00
45) 2-Fluorobiphenyl	13.343	172	266771	78.074	ng	0.00
79) Terphenyl-d14	20.064	244	1019937	103.892	ng	0.00

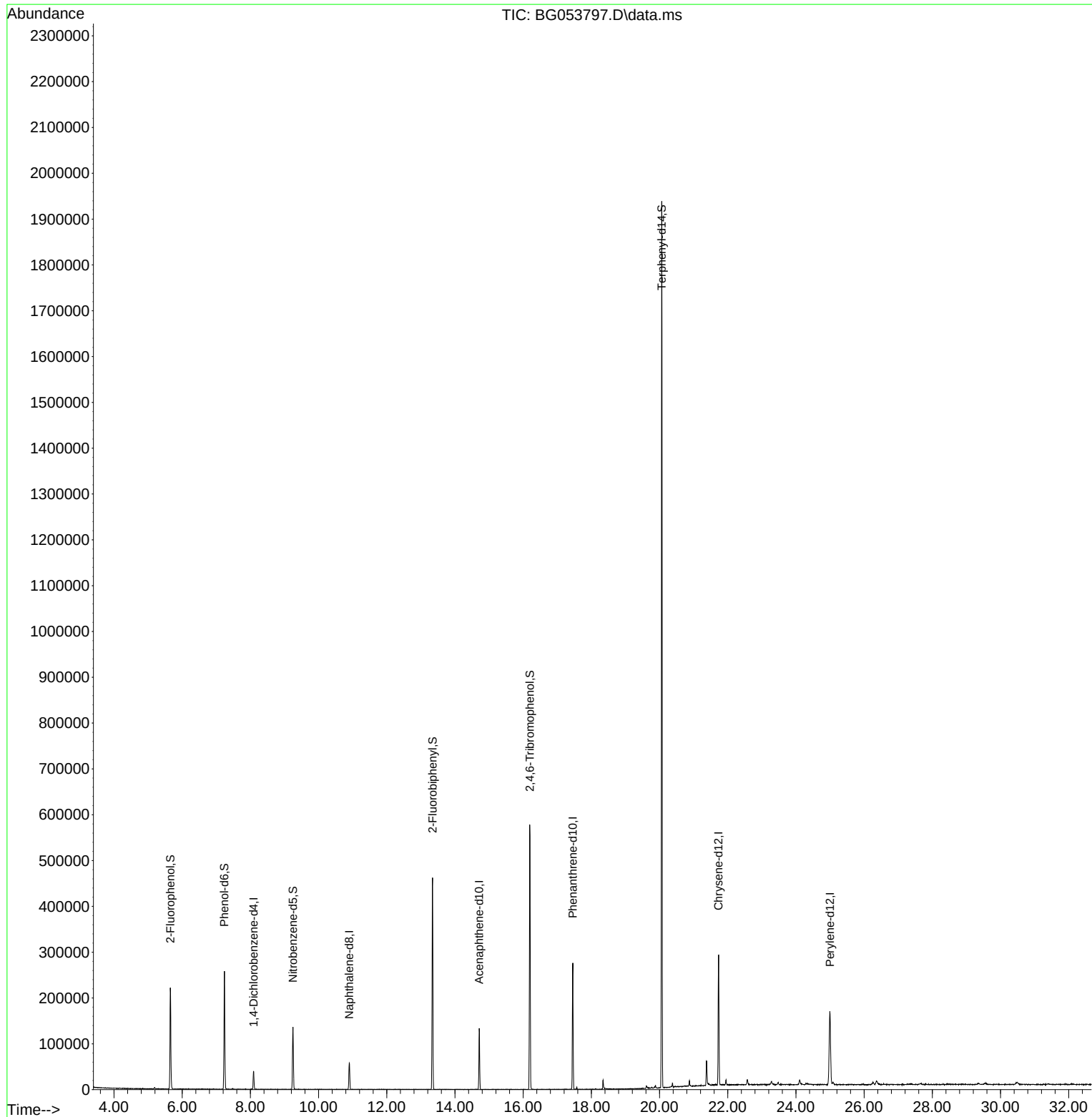
Target Compounds	Qvalue

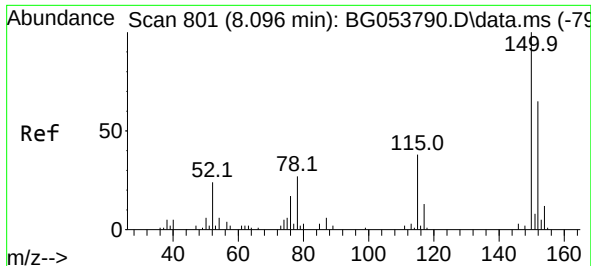
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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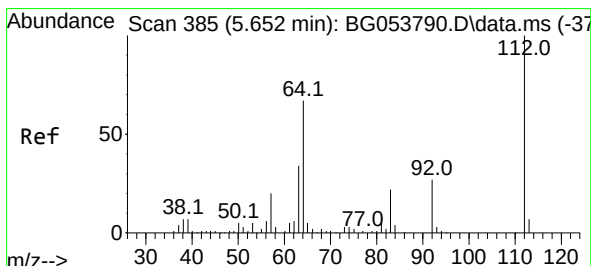
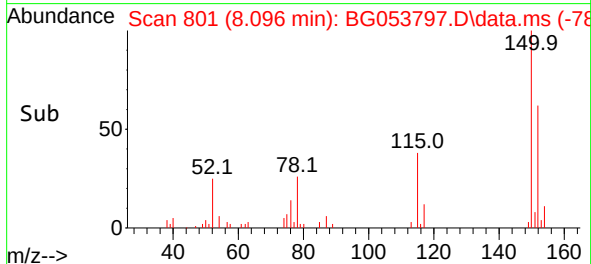
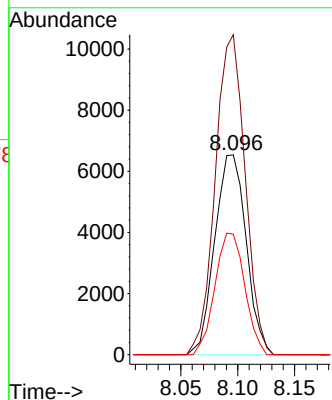
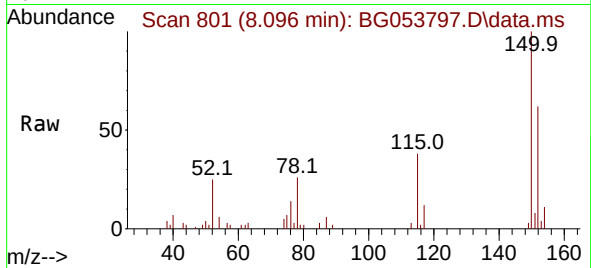




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.096 min Scan# 801
Delta R.T. 0.000 min
Lab File: BG053797.D
Acq: 2 Jun 2022 18:57

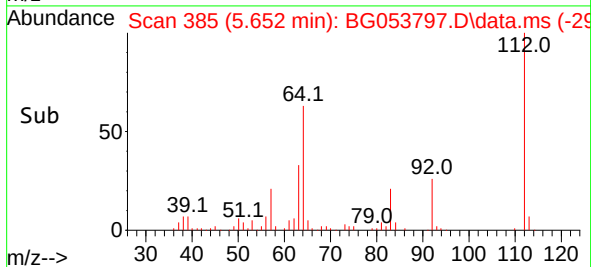
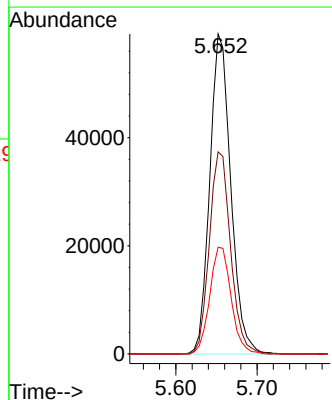
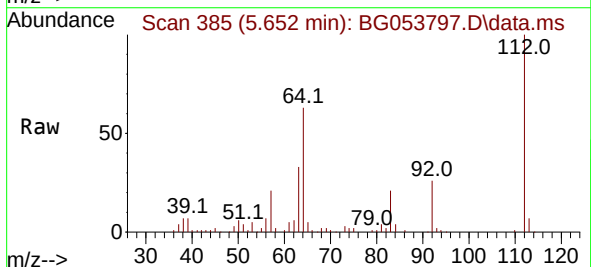
Instrument :
BNA_G
ClientSampleId :
P014-SS002-2430-01RE

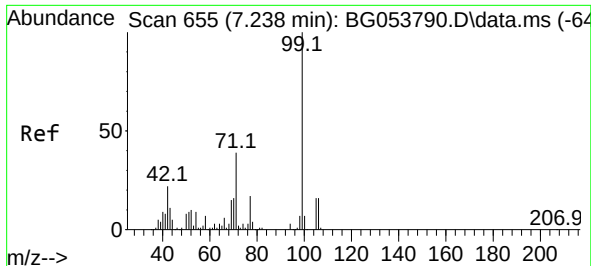
Tgt Ion:152 Resp: 12547
Ion Ratio Lower Upper
152 100
150 160.1 131.6 197.4
115 60.3 50.9 76.3



#5
2-Fluorophenol
Concen: 155.573 ng
RT: 5.652 min Scan# 385
Delta R.T. -0.000 min
Lab File: BG053797.D
Acq: 2 Jun 2022 18:57

Tgt Ion:112 Resp: 106296
Ion Ratio Lower Upper
112 100
64 63.2 55.1 82.7
63 33.3 30.4 45.6

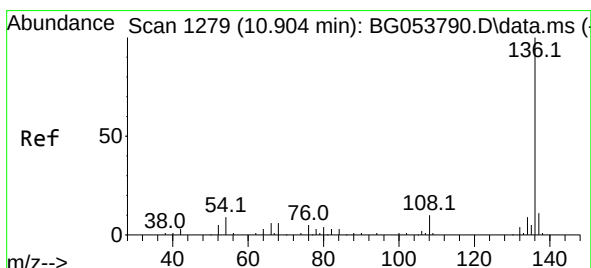
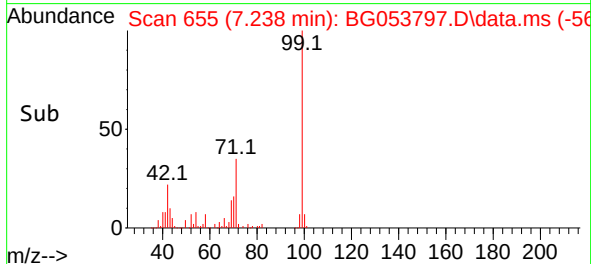
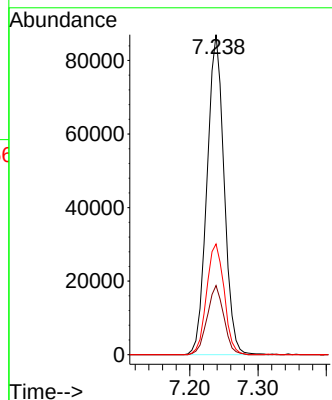
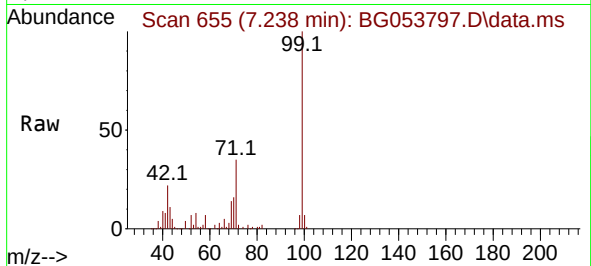




#7
Phenol-d6
Concen: 163.566 ng
RT: 7.238 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG053797.D
Acq: 2 Jun 2022 18:57

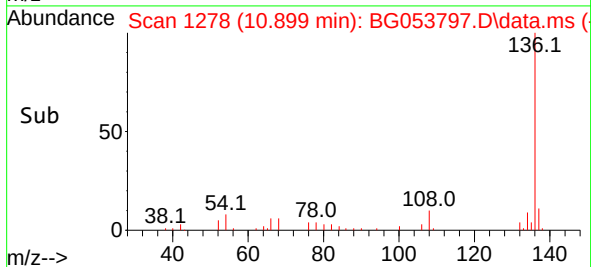
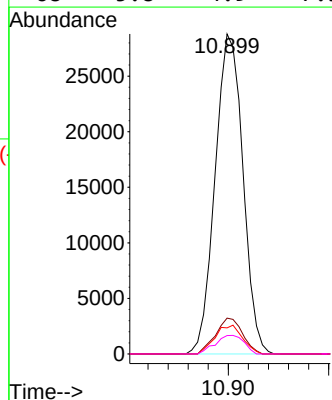
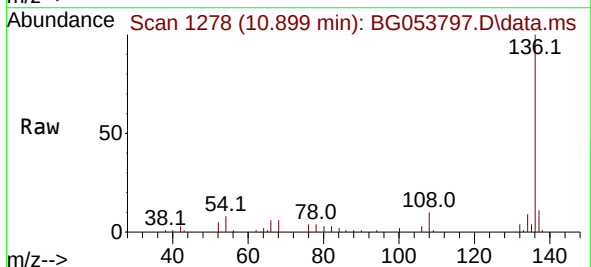
Instrument :
BNA_G
ClientSampleId :
P014-SS002-2430-01RE

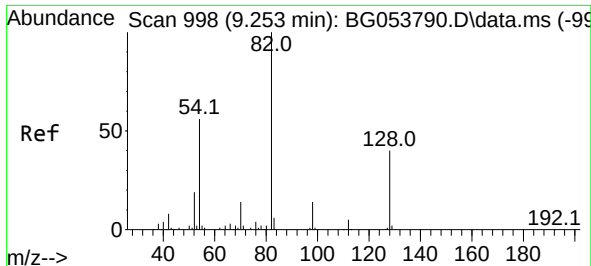
Tgt Ion: 99 Resp: 151387
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 34.6 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.899 min Scan# 1278
Delta R.T. -0.005 min
Lab File: BG053797.D
Acq: 2 Jun 2022 18:57

Tgt Ion:136 Resp: 55313
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 8.2 7.4 11.2
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 100.250 ng

RT: 9.248 min Scan# 998

Delta R.T. -0.005 min

Lab File: BG053797.D

Acq: 2 Jun 2022 18:57

Instrument :

BNA_G

ClientSampleId :

P014-SS002-2430-01RE

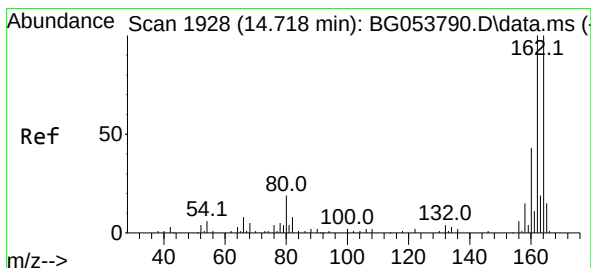
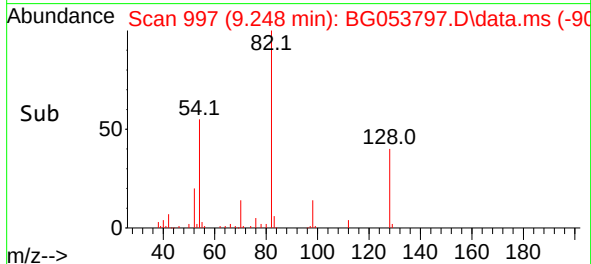
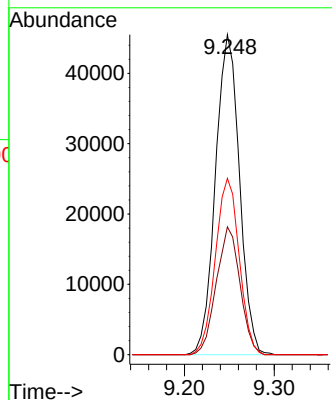
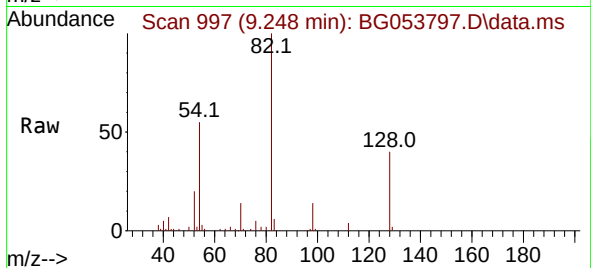
Tgt Ion: 82 Resp: 84442

Ion Ratio Lower Upper

82 100

128 40.0 27.9 41.9

54 55.1 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.712 min Scan# 1927

Delta R.T. -0.006 min

Lab File: BG053797.D

Acq: 2 Jun 2022 18:57

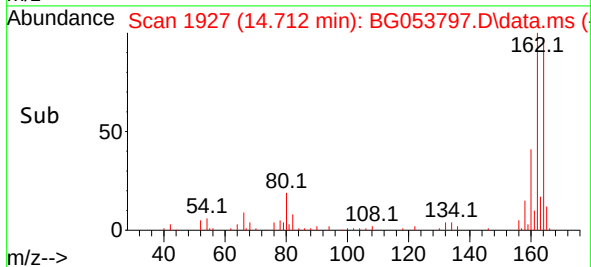
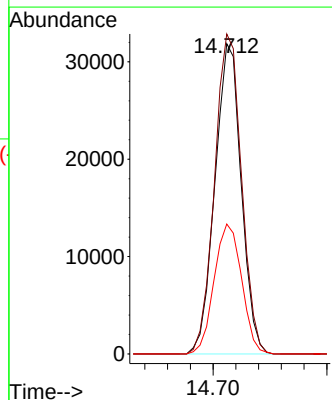
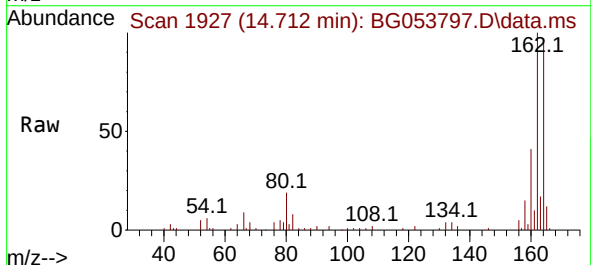
Tgt Ion: 164 Resp: 51117

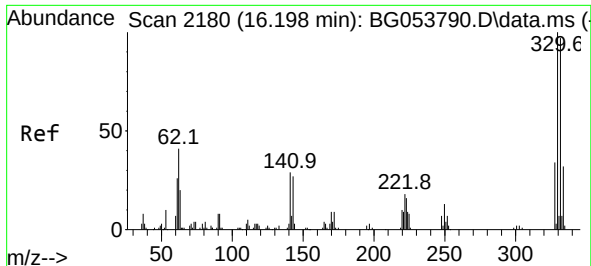
Ion Ratio Lower Upper

164 100

162 103.2 82.3 123.5

160 41.9 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 205.727 ng

RT: 16.198 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG053797.D

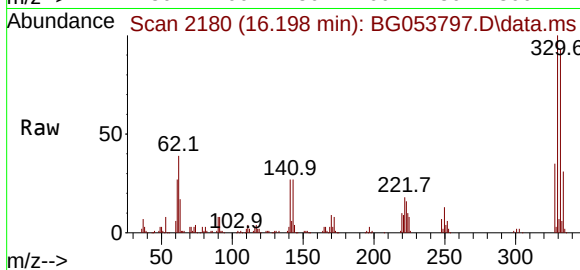
Acq: 2 Jun 2022 18:57

Instrument :

BNA_G

ClientSampleId :

P014-SS002-2430-01RE



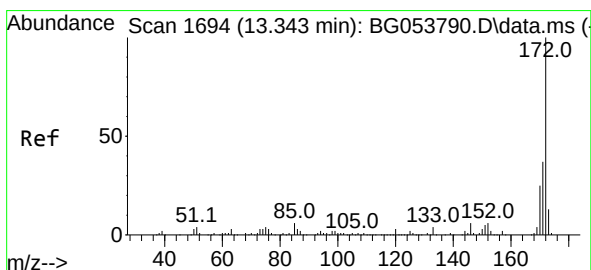
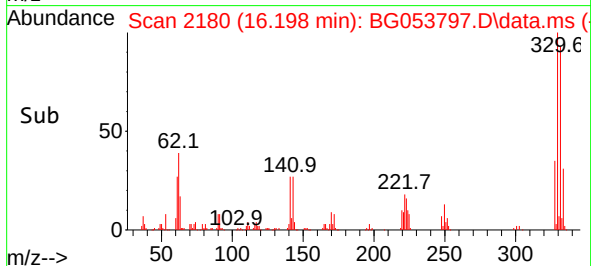
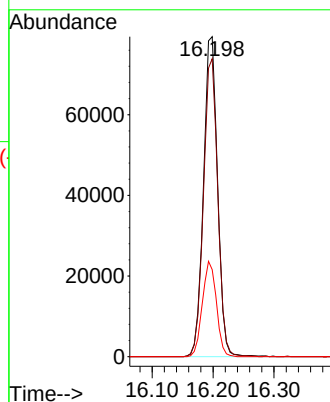
Tgt Ion:330 Resp: 127651

Ion Ratio Lower Upper

330 100

332 94.4 76.0 114.0

141 29.6 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 78.074 ng

RT: 13.343 min Scan# 1694

Delta R.T. -0.000 min

Lab File: BG053797.D

Acq: 2 Jun 2022 18:57

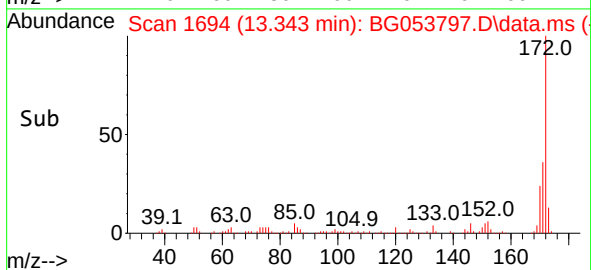
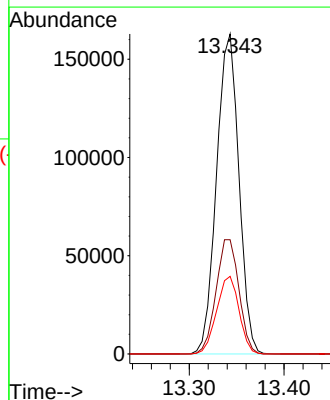
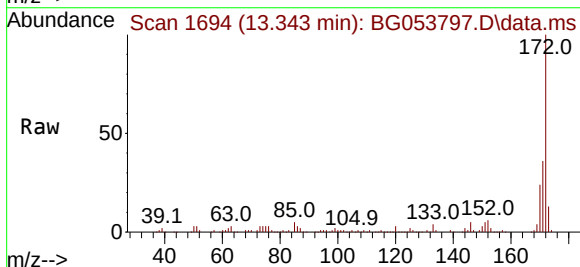
Tgt Ion:172 Resp: 266771

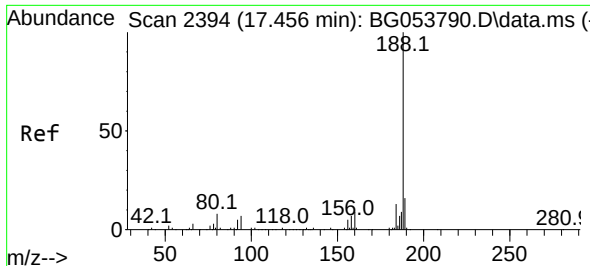
Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 24.2 18.9 28.3

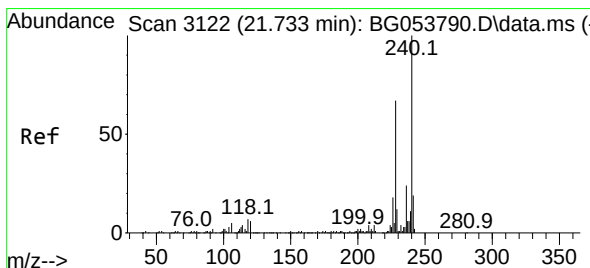
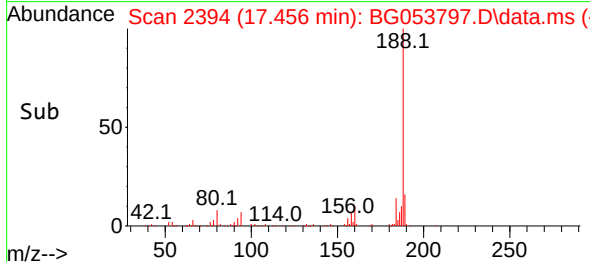
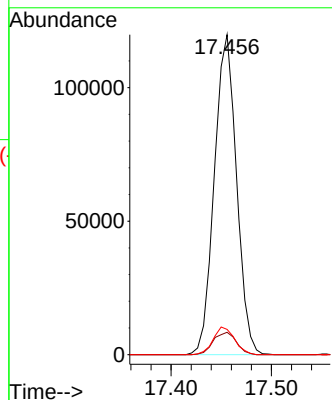
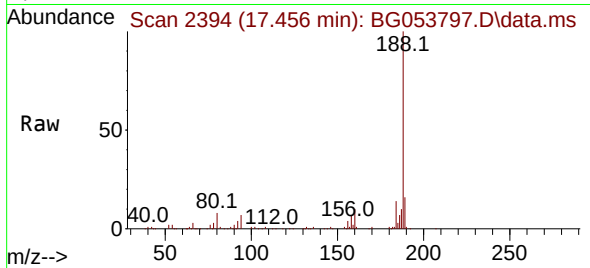




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.456 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG053797.D
Acq: 2 Jun 2022 18:57

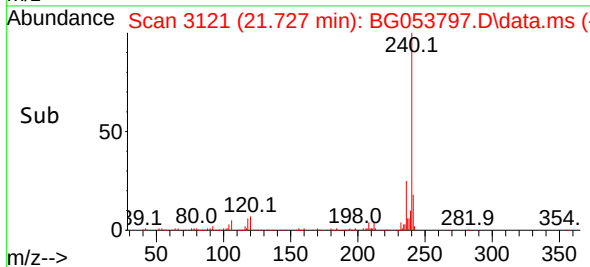
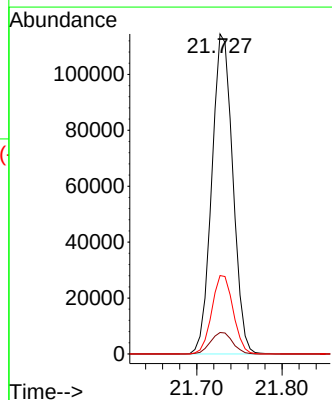
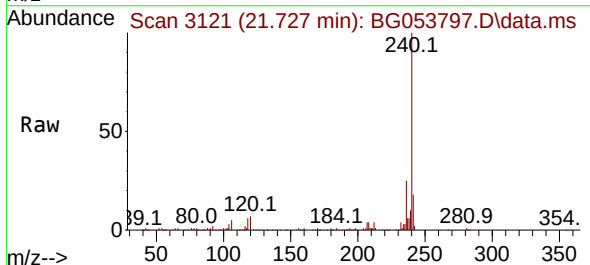
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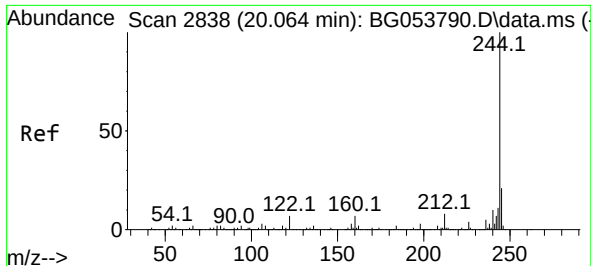
Tgt Ion:188 Resp: 183824
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.0
80 7.9 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.727 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BG053797.D
Acq: 2 Jun 2022 18:57

Tgt Ion:240 Resp: 195305
Ion Ratio Lower Upper
240 100
120 6.7 4.6 7.0
236 24.5 20.2 30.4

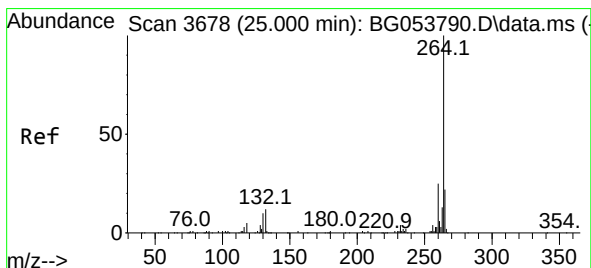
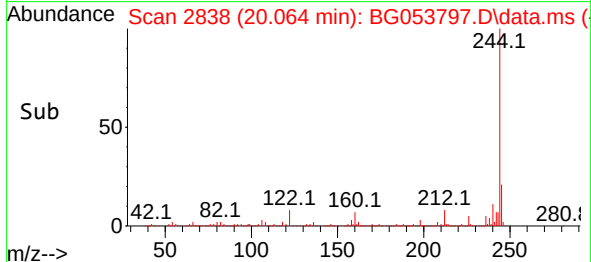
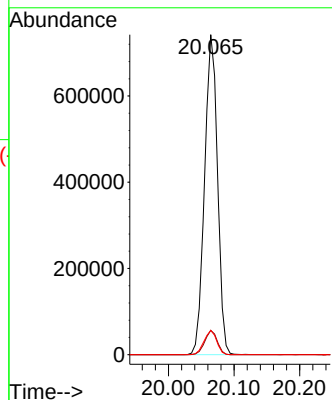
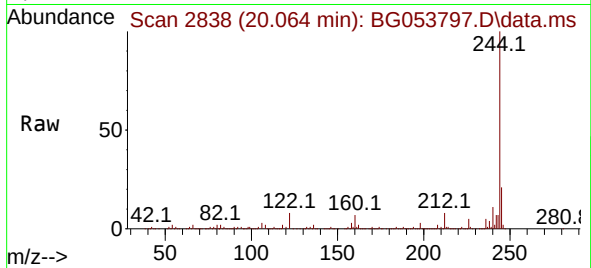




#79
 Terphenyl-d14
 Concen: 103.892 ng
 RT: 20.064 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG053797.D
 Acq: 2 Jun 2022 18:57

Instrument :
 BNA_G
 ClientSampleId :
 P014-SS002-2430-01RE

Tgt Ion:244 Resp: 1019937
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 7.6 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.994 min Scan# 3677
 Delta R.T. -0.006 min
 Lab File: BG053797.D
 Acq: 2 Jun 2022 18:57

Tgt Ion:264 Resp: 186613
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 20.6 17.4 26.2

