

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
 Data File : BG053569.D
 Acq On : 16 May 2022 16:17
 Operator : CG/JU
 Sample : N2832-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB12

Quant Time: May 17 05:20:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	24033	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	93564	20.000	ng	0.00
39) Acenaphthene-d10	14.711	164	76272	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	210084	20.000	ng	0.00
76) Chrysene-d12	21.743	240	205487	20.000	ng	0.00
86) Perylene-d12	25.026	264	208042	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	101842	71.918	ng	0.00
7) Phenol-d6	7.250	99	161176	74.996	ng	0.00
23) Nitrobenzene-d5	9.248	82	113372	51.580	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	92098	81.870	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	250961	48.081	ng	0.00
79) Terphenyl-d14	20.062	244	542561	49.176	ng	0.00

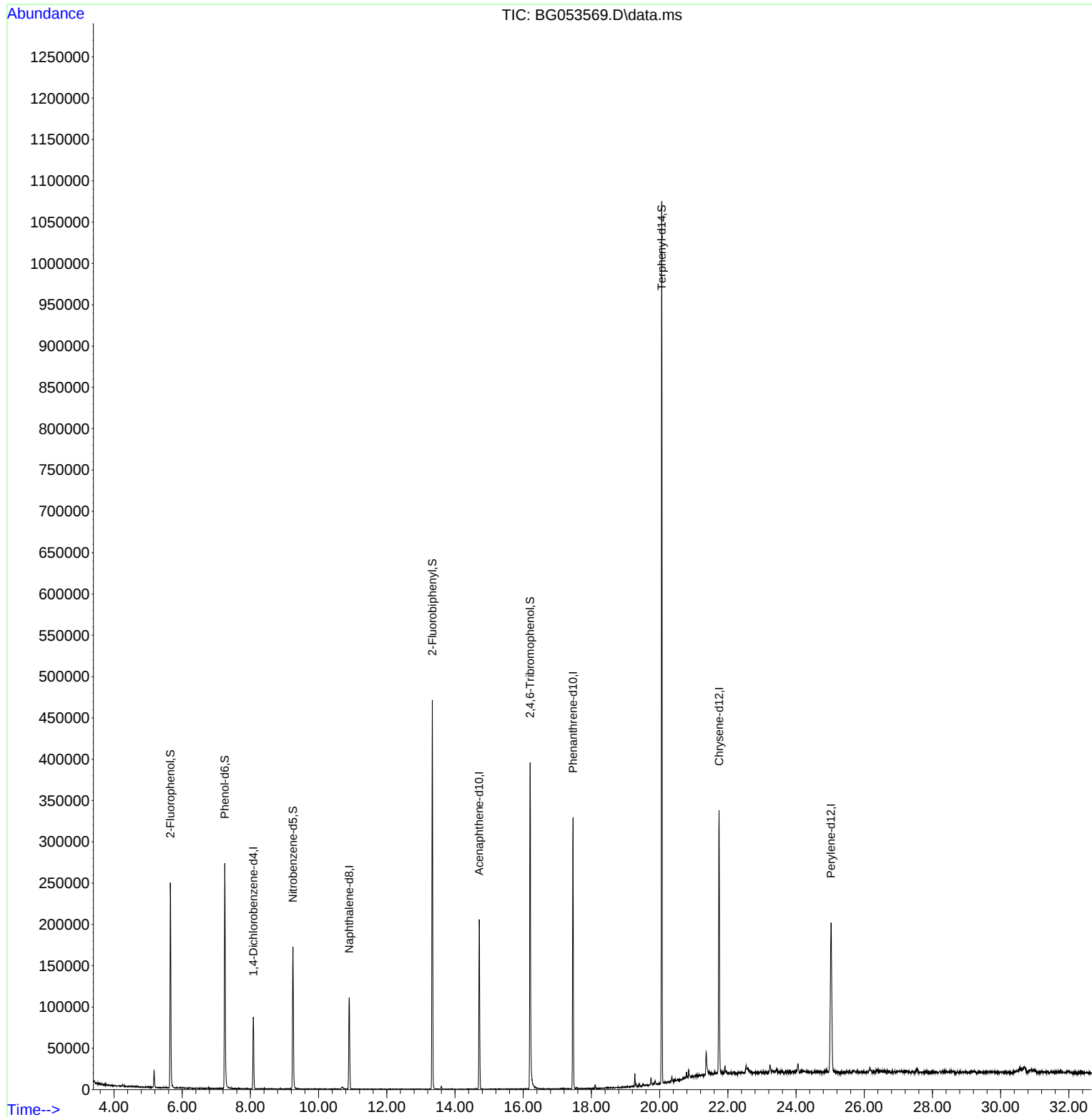
Target Compounds	Qvalue

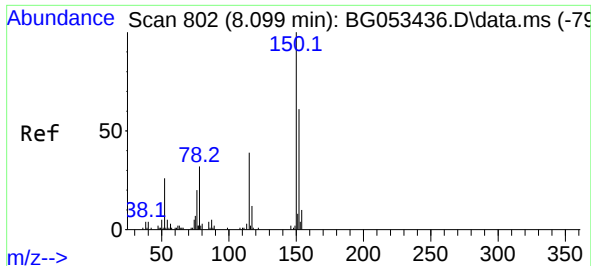
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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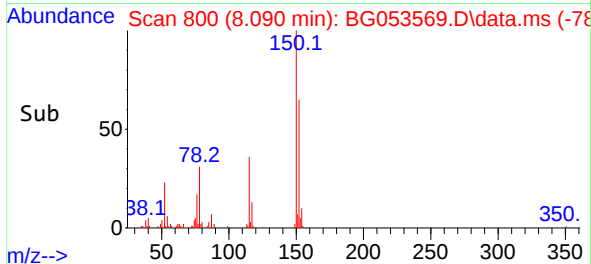
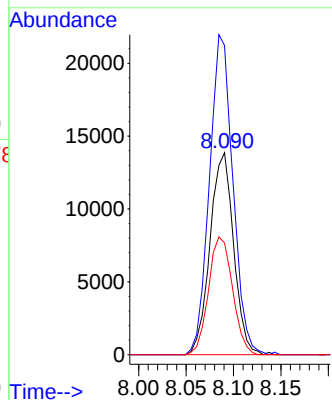
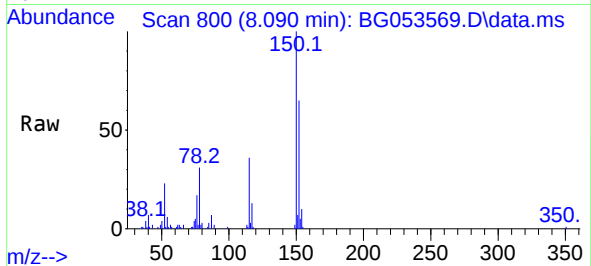




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

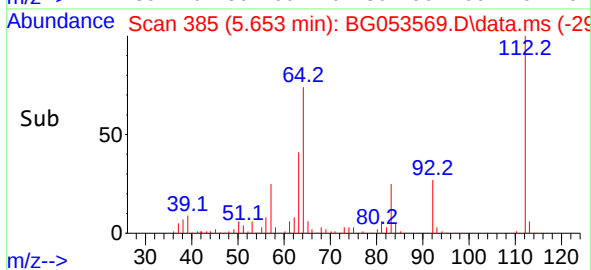
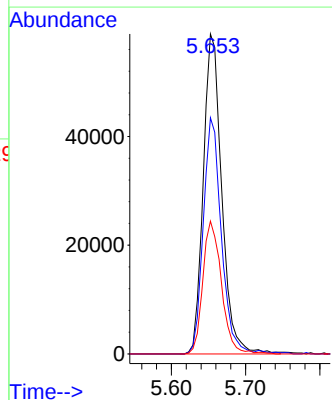
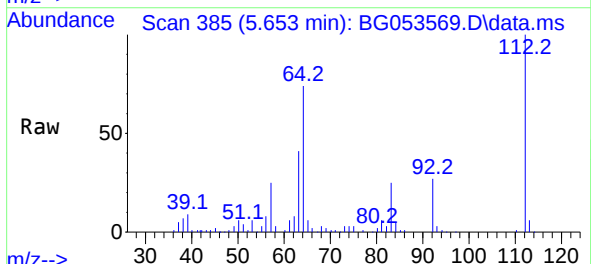
Instrument :
BNA_G
ClientSampleId :
SB12

Tgt Ion:152 Resp: 24033
Ion Ratio Lower Upper
152 100
150 153.2 131.6 197.4
115 55.4 50.9 76.3



#5
2-Fluorophenol
Concen: 71.918 ng
RT: 5.653 min Scan# 385
Delta R.T. 0.001 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

Tgt Ion:112 Resp: 101842
Ion Ratio Lower Upper
112 100
64 73.8 55.1 82.7
63 41.5 30.4 45.6

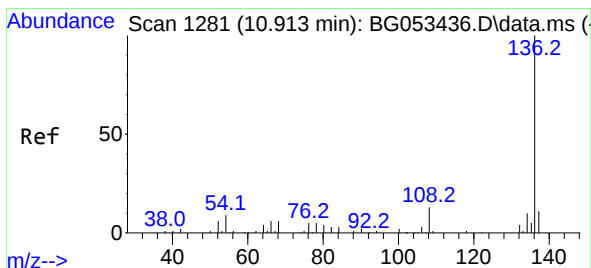
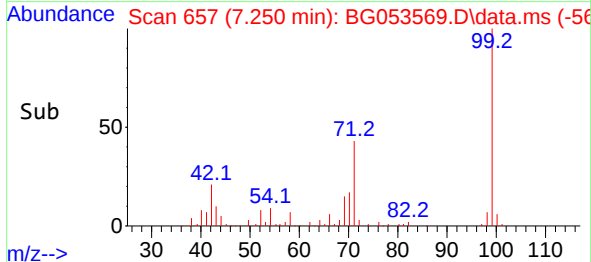
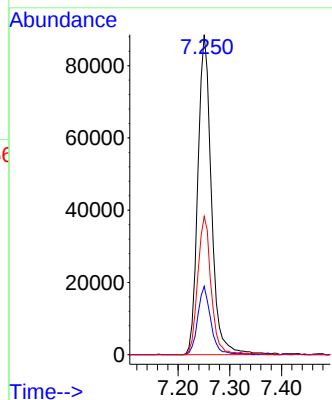
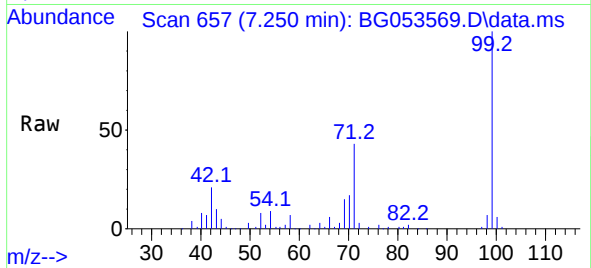




#7
Phenol-d6
Concen: 74.996 ng
RT: 7.250 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

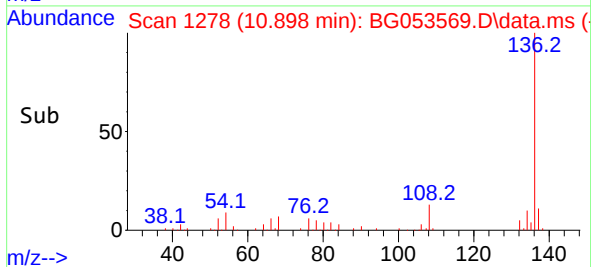
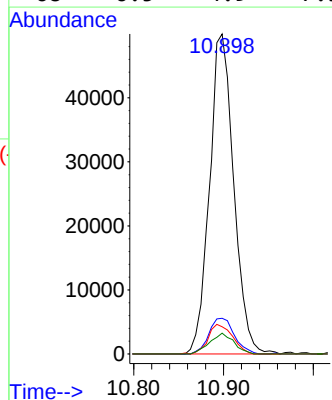
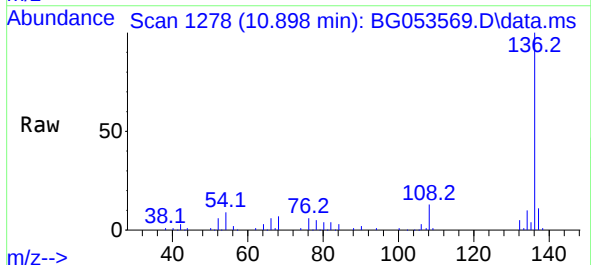
Instrument :
BNA_G
ClientSampleId :
SB12

Tgt Ion: 99 Resp: 161176
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 43.2 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 1278
Delta R.T. 0.001 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

Tgt Ion: 136 Resp: 93564
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 8.5 7.4 11.2
68 6.5 4.9 7.3

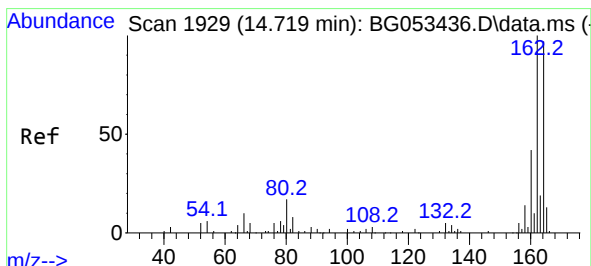
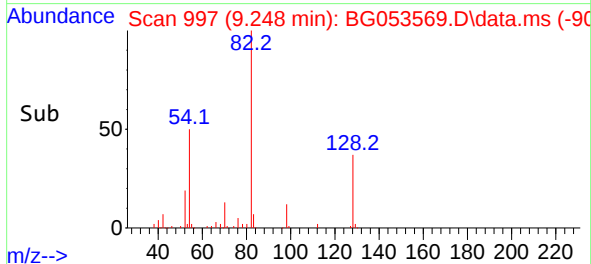
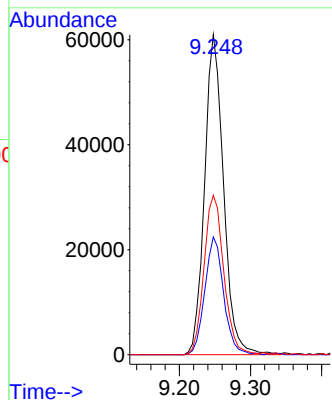
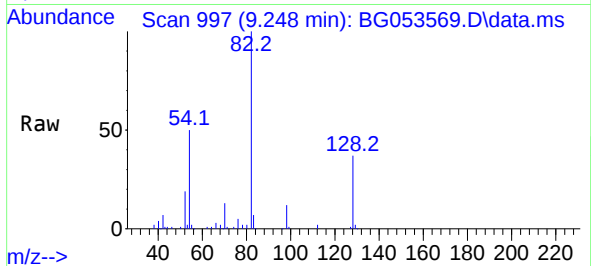




#23
Nitrobenzene-d5
Concen: 51.580 ng
RT: 9.248 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

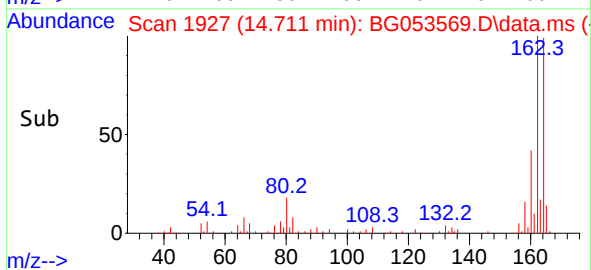
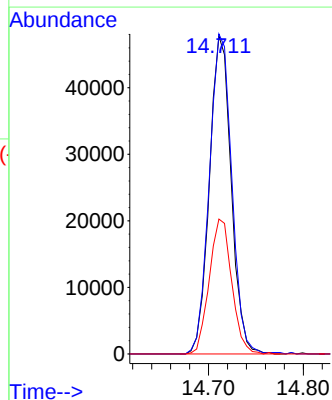
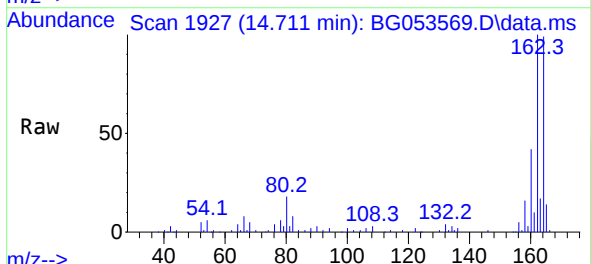
Instrument :
BNA_G
ClientSampleId :
SB12

Tgt Ion: 82 Resp: 113372
Ion Ratio Lower Upper
82 100
128 36.8 27.9 41.9
54 49.8 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

Tgt Ion:164 Resp: 76272
Ion Ratio Lower Upper
164 100
162 100.7 82.3 123.5
160 42.4 34.2 51.2

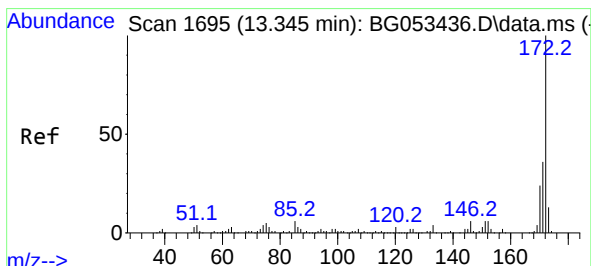
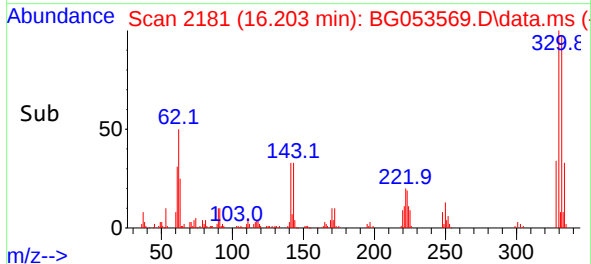
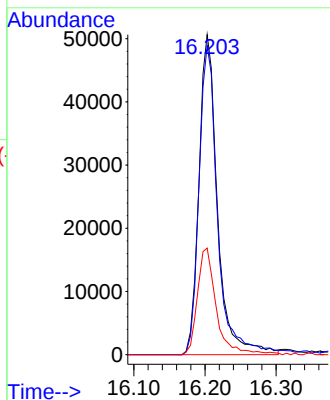
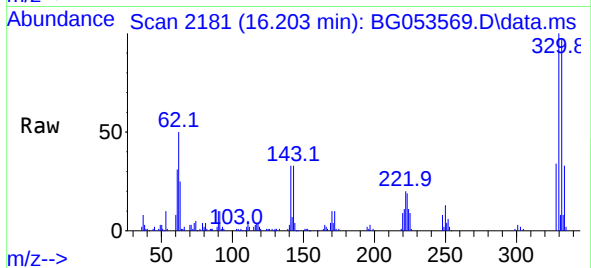




#42
2,4,6-Tribromophenol
Concen: 81.870 ng
RT: 16.203 min Scan# 2181
Delta R.T. 0.001 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

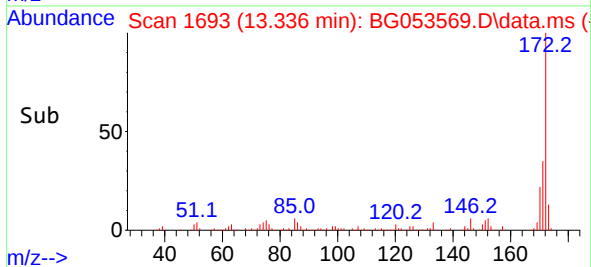
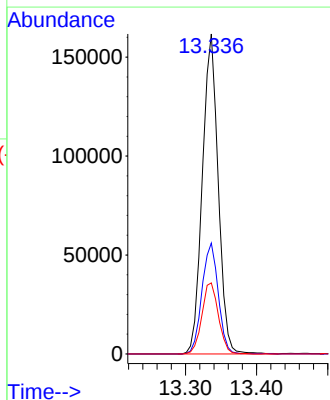
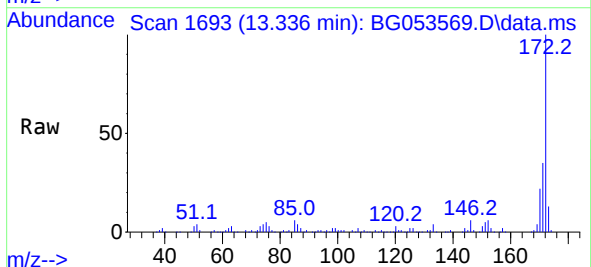
Instrument :
BNA_G
ClientSampleId :
SB12

Tgt Ion:330 Resp: 92098
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 33.9 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 48.081 ng
RT: 13.336 min Scan# 1693
Delta R.T. 0.001 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

Tgt Ion:172 Resp: 250961
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 22.2 18.9 28.3

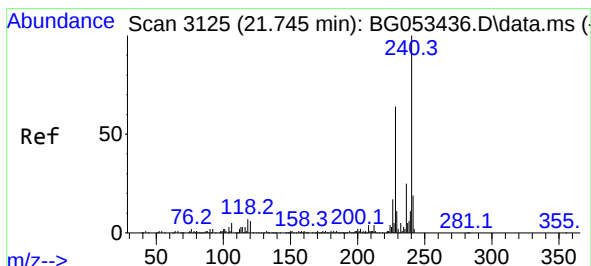
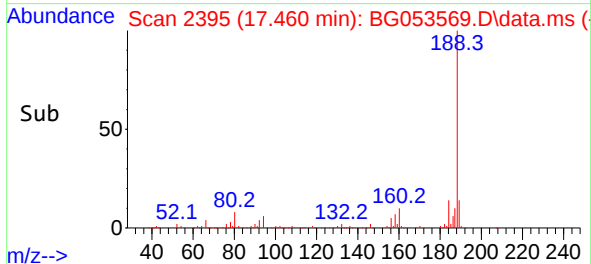
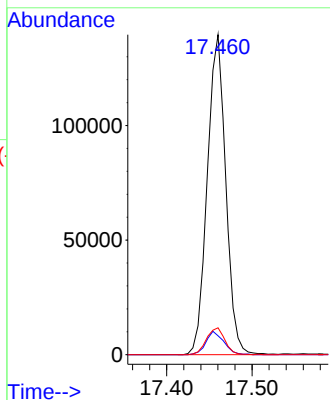
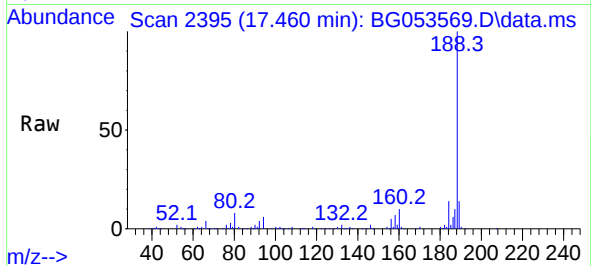




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.460 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

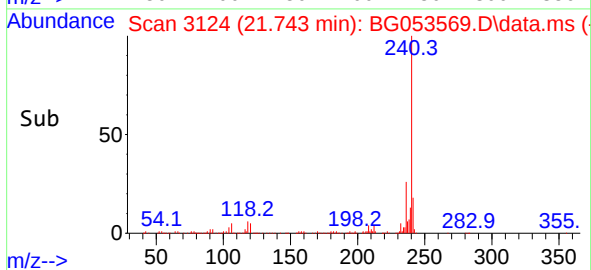
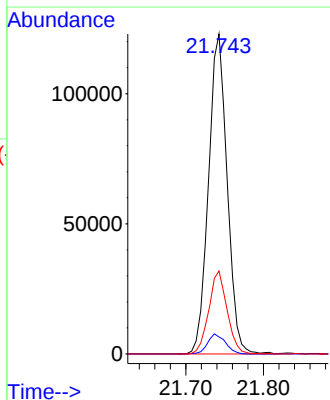
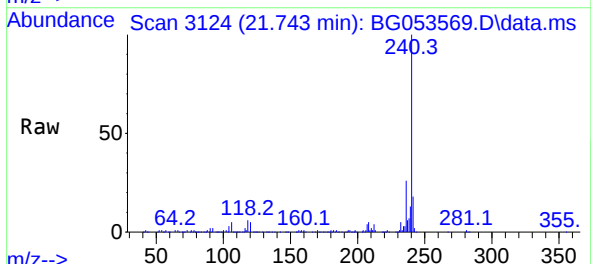
Instrument :
BNA_G
ClientSampleId :
SB12

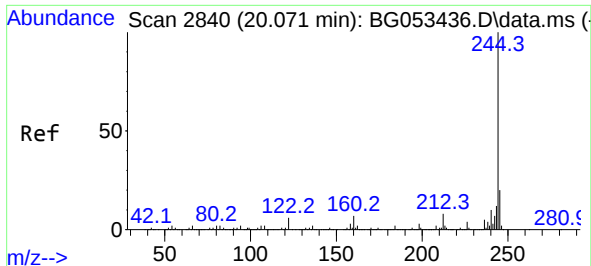
Tgt Ion:188 Resp: 210084
Ion Ratio Lower Upper
188 100
94 5.9 5.4 8.0
80 8.4 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.743 min Scan# 3124
Delta R.T. 0.001 min
Lab File: BG053569.D
Acq: 16 May 2022 16:17

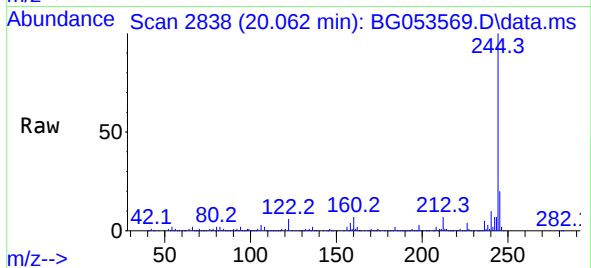
Tgt Ion:240 Resp: 205487
Ion Ratio Lower Upper
240 100
120 5.3 4.6 7.0
236 26.0 20.2 30.4



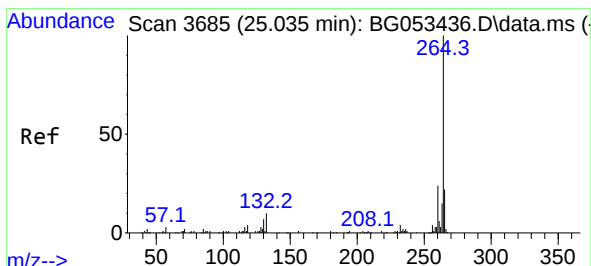
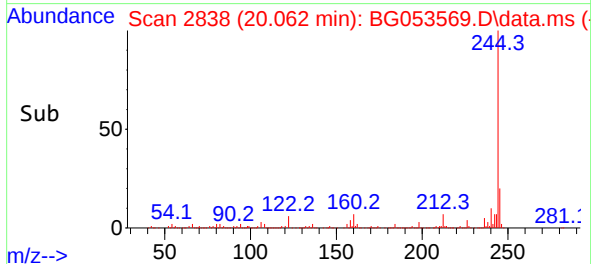
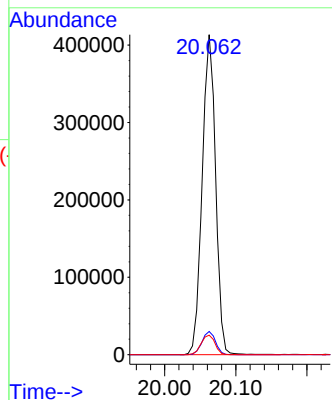


#79
 Terphenyl-d14
 Concen: 49.176 ng
 RT: 20.062 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053569.D
 Acq: 16 May 2022 16:17

Instrument :
 BNA_G
 ClientSampleId :
 SB12



Tgt Ion:244 Resp: 542561
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 6.1 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.026 min Scan# 3683
 Delta R.T. 0.007 min
 Lab File: BG053569.D
 Acq: 16 May 2022 16:17

Tgt Ion:264 Resp: 208042
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 22.7 17.4 26.2

