

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053269.D
 Acq On : 22 Apr 2022 20:17
 Operator : CG/JU
 Sample : N2494-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-1S

Quant Time: Apr 24 01:16:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.107	152	27773	20.000	ng	0.00
21) Naphthalene-d8	10.921	136	108230	20.000	ng	0.00
39) Acenaphthene-d10	14.733	164	80055	20.000	ng	0.00
64) Phenanthrene-d10	17.477	188	207669	20.000	ng	0.00
76) Chrysene-d12	21.759	240	215679	20.000	ng	0.00
86) Perylene-d12	25.061	264	215033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	210809	130.114	ng	0.00
7) Phenol-d6	7.273	99	271086	108.500	ng	0.00
23) Nitrobenzene-d5	9.270	82	241292	90.523	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	186005	146.042	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	528931	91.106	ng	0.00
79) Terphenyl-d14	20.079	244	1159987	90.834	ng	0.00

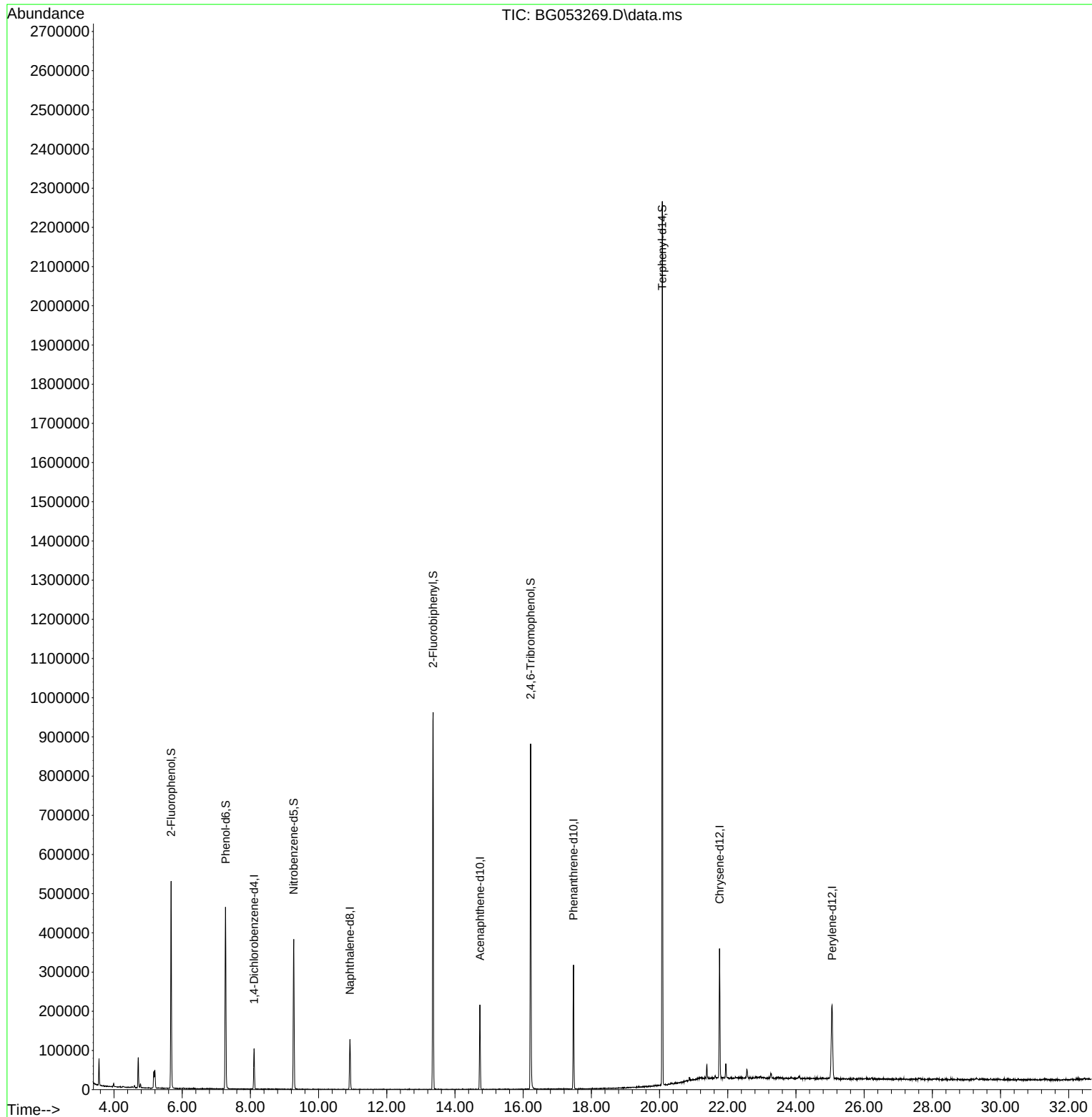
Target Compounds	Qvalue

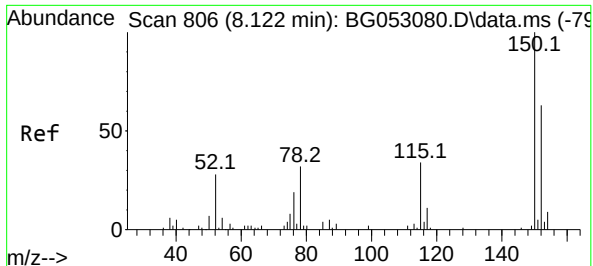
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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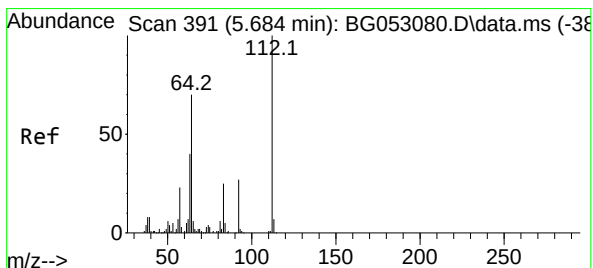
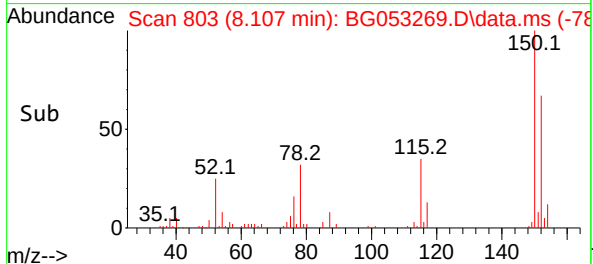
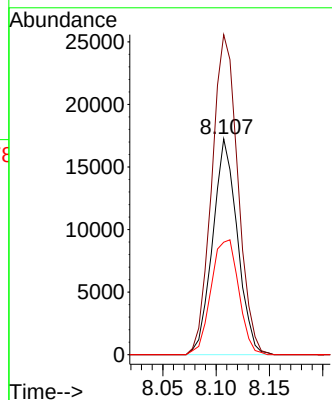
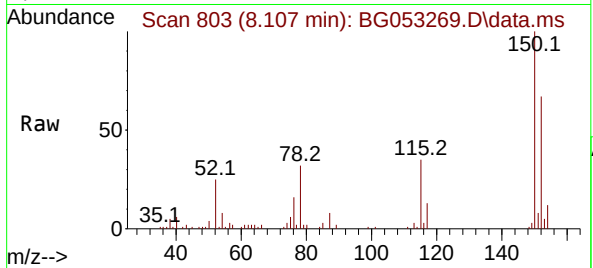




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.107 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

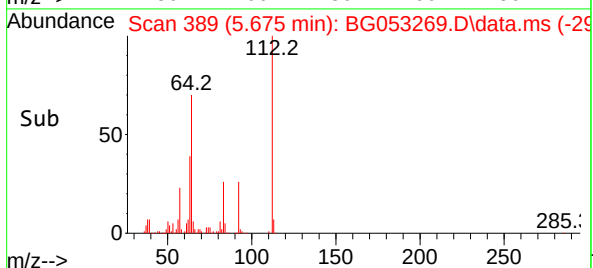
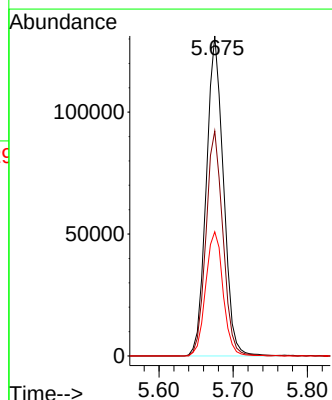
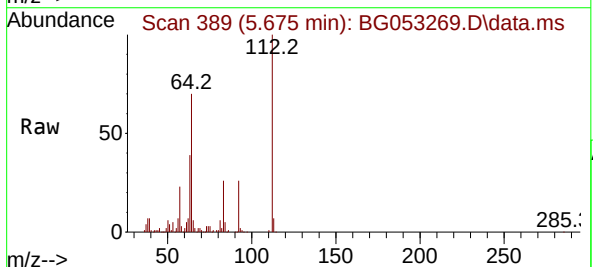
Instrument :
BNA_G
ClientSampleId :
MH-1S

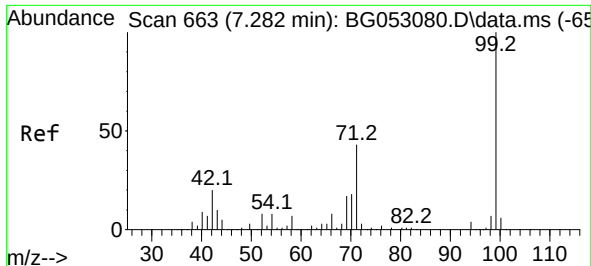
Tgt Ion:152 Resp: 27773
Ion Ratio Lower Upper
152 100
150 148.2 114.6 172.0
115 52.1 45.9 68.9



#5
2-Fluorophenol
Concen: 130.114 ng
RT: 5.675 min Scan# 389
Delta R.T. -0.000 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

Tgt Ion:112 Resp: 210809
Ion Ratio Lower Upper
112 100
64 70.3 48.0 72.0
63 38.8 26.5 39.7

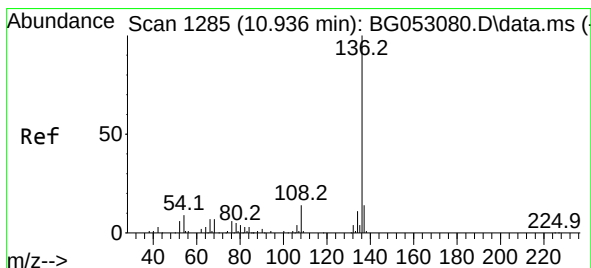
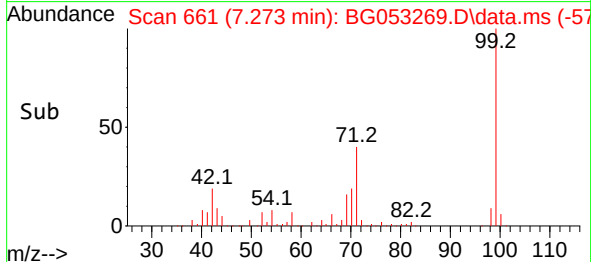
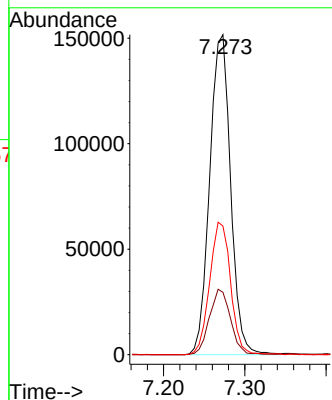
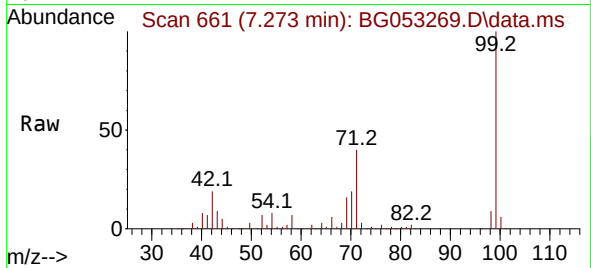




#7
Phenol-d6
Concen: 108.500 ng
RT: 7.273 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

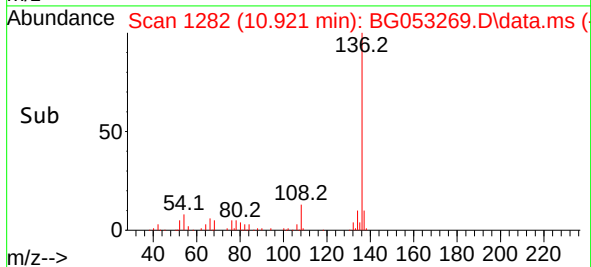
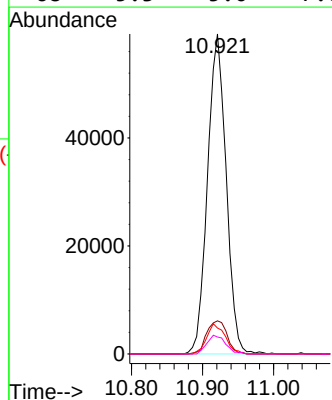
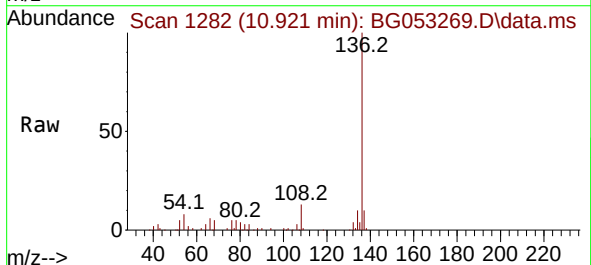
Instrument :
BNA_G
ClientSampleId :
MH-1S

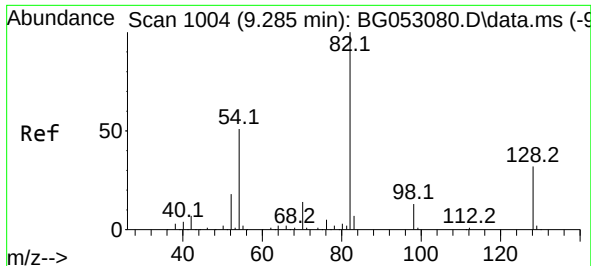
Tgt Ion: 99 Resp: 271086
Ion Ratio Lower Upper
99 100
42 19.5 14.7 22.1
71 40.2 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.921 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

Tgt Ion: 136 Resp: 108230
Ion Ratio Lower Upper
136 100
137 10.4 9.4 14.2
54 8.1 6.4 9.6
68 5.3 5.0 7.6

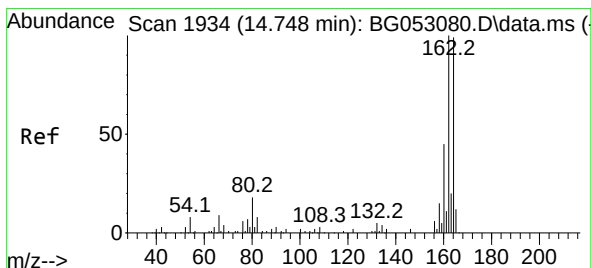
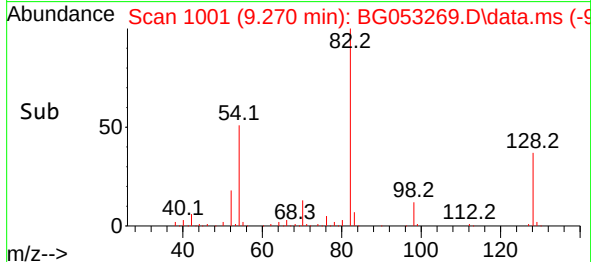
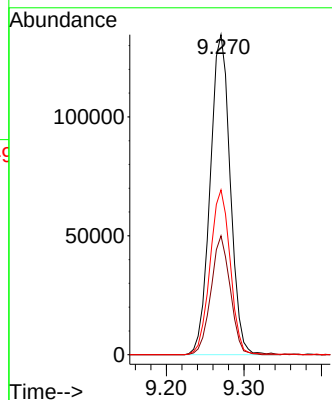
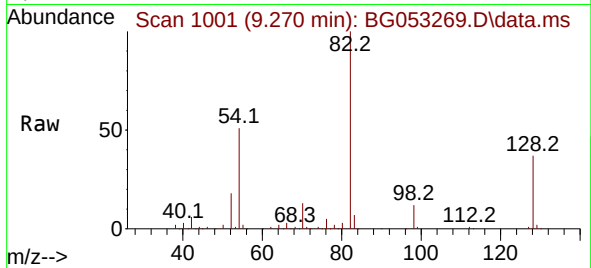




#23
Nitrobenzene-d5
Concen: 90.523 ng
RT: 9.270 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

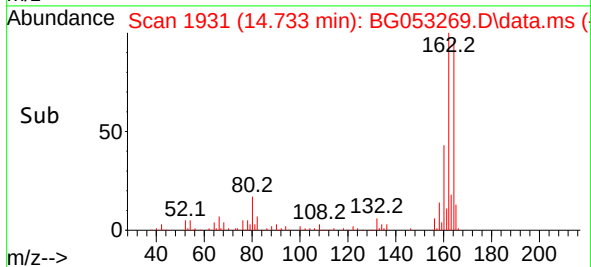
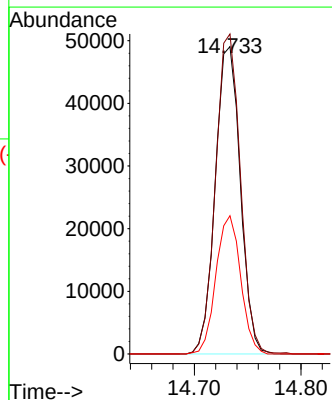
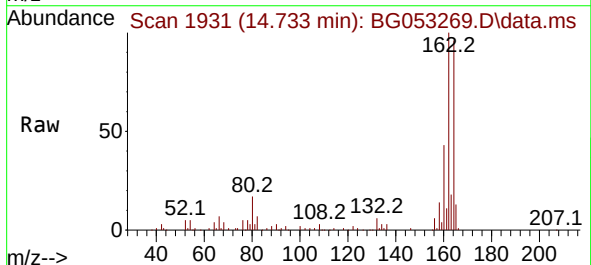
Instrument :
BNA_G
ClientSampleId :
MH-1S

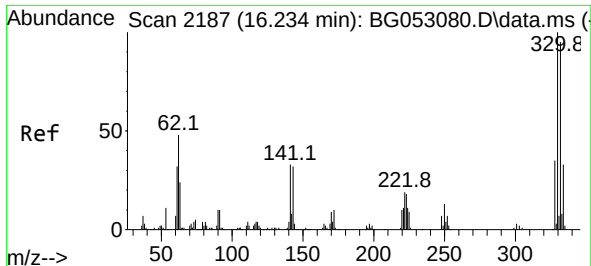
Tgt Ion: 82 Resp: 241292
Ion Ratio Lower Upper
82 100
128 37.2 31.3 46.9
54 51.5 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.733 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

Tgt Ion: 164 Resp: 80055
Ion Ratio Lower Upper
164 100
162 104.1 80.0 120.0
160 45.0 38.8 58.2





#42

2,4,6-Tribromophenol

Concen: 146.042 ng

RT: 16.220 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG053269.D

Acq: 22 Apr 2022 20:17

Instrument :

BNA_G

ClientSampleId :

MH-1S

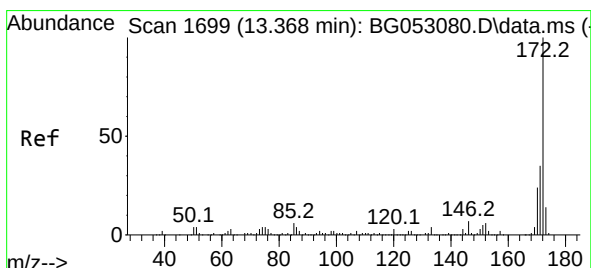
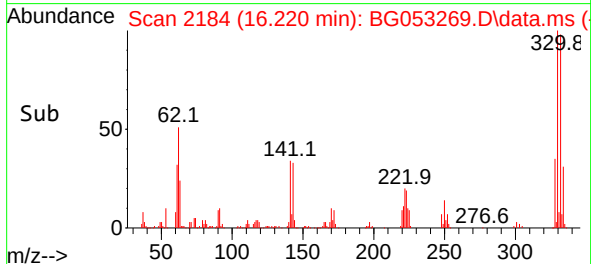
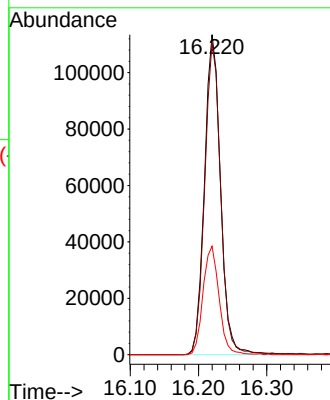
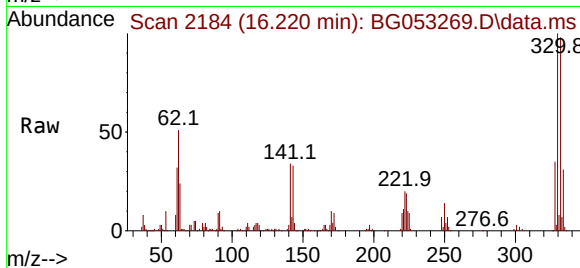
Tgt Ion:330 Resp: 186005

Ion Ratio Lower Upper

330 100

332 96.7 75.8 113.6

141 33.9 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 91.106 ng

RT: 13.359 min Scan# 1697

Delta R.T. -0.000 min

Lab File: BG053269.D

Acq: 22 Apr 2022 20:17

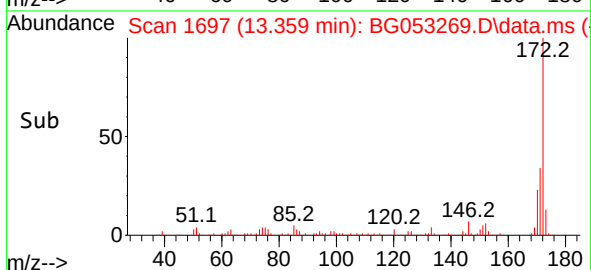
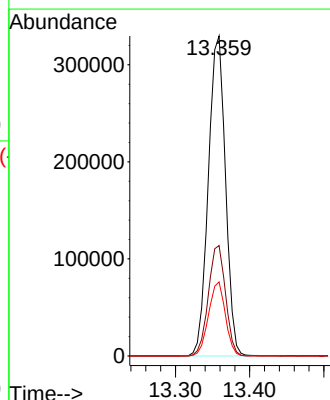
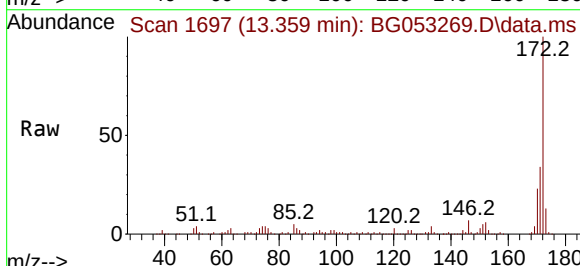
Tgt Ion:172 Resp: 528931

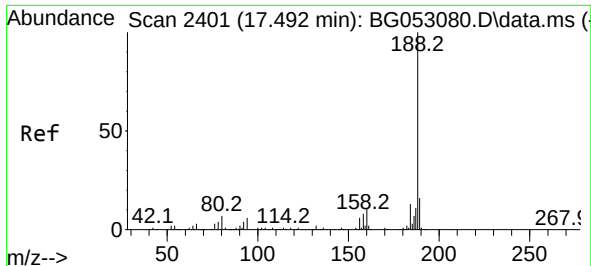
Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

170 23.2 18.0 27.0

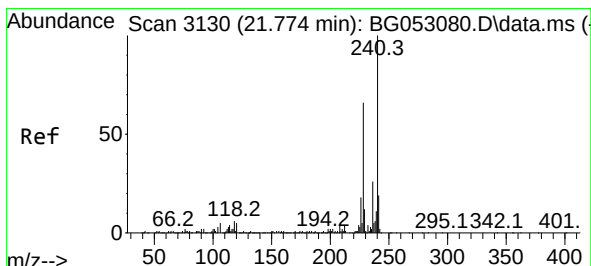
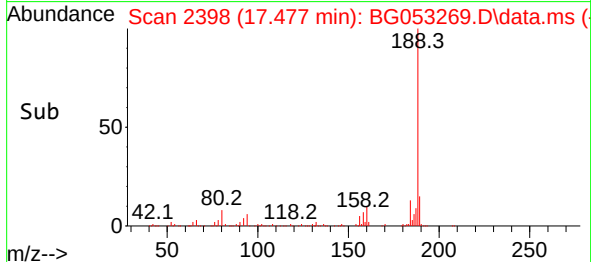
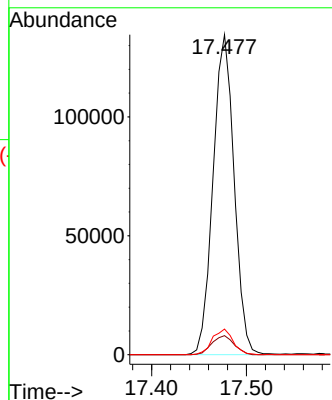
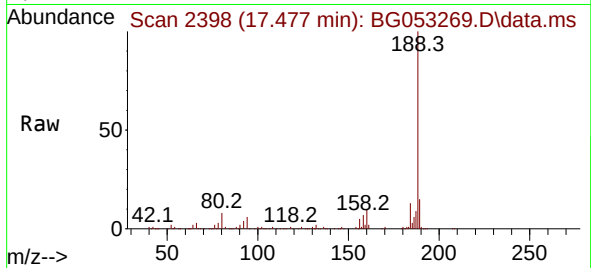




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.477 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

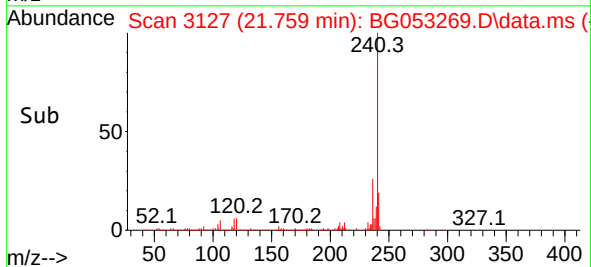
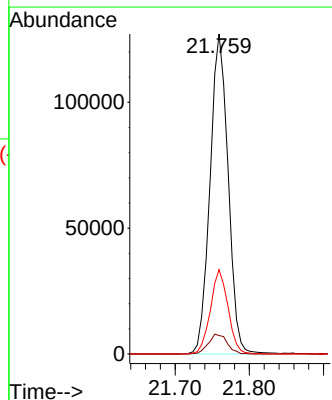
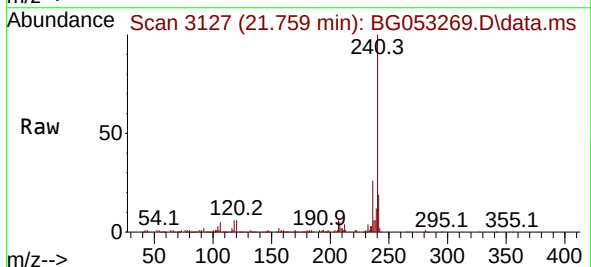
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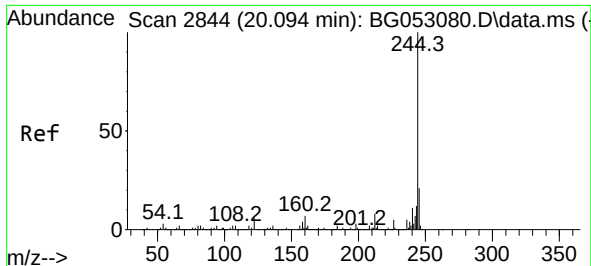
Tgt Ion:188 Resp: 207669
Ion Ratio Lower Upper
188 100
94 5.9 5.7 8.5
80 8.0 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.759 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BG053269.D
Acq: 22 Apr 2022 20:17

Tgt Ion:240 Resp: 215679
Ion Ratio Lower Upper
240 100
120 5.7 5.4 8.0
236 26.4 19.8 29.6

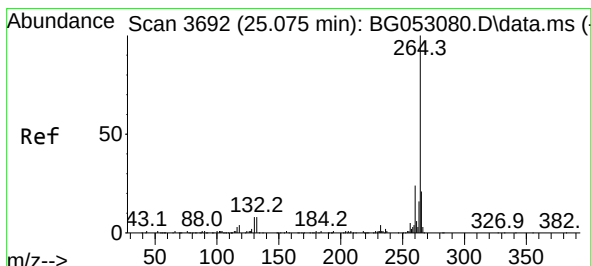
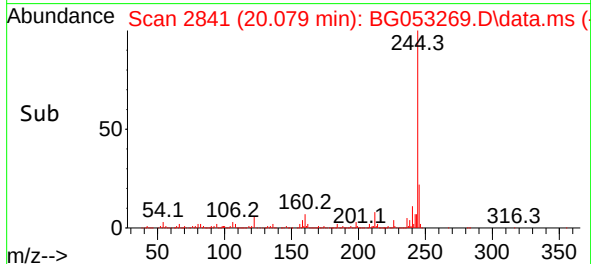
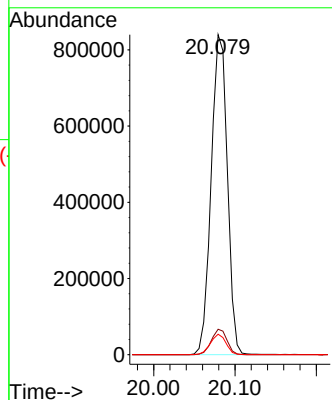
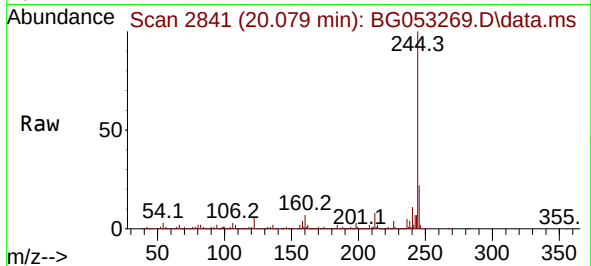




#79
 Terphenyl-d14
 Concen: 90.834 ng
 RT: 20.079 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053269.D
 Acq: 22 Apr 2022 20:17

Instrument :
 BNA_G
 ClientSampleId :
 MH-1S

Tgt Ion:244 Resp: 1159987
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.4 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.061 min Scan# 3689
 Delta R.T. -0.000 min
 Lab File: BG053269.D
 Acq: 22 Apr 2022 20:17

Tgt Ion:264 Resp: 215033
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.2 27.2
 265 21.7 15.1 22.7

