

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050322\
 Data File : BG053412.D
 Acq On : 3 May 2022 11:27
 Operator : CG/JU
 Sample : PB144515BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144515BL

Quant Time: May 04 06:05:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 06:03:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	26286	20.000	ng	0.00
21) Naphthalene-d8	10.913	136	104289	20.000	ng	0.00
39) Acenaphthene-d10	14.726	164	77478	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	198379	20.000	ng	0.00
76) Chrysene-d12	21.746	240	227048	20.000	ng	0.00
86) Perylene-d12	25.035	264	218509	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	225464	147.031	ng	0.00
7) Phenol-d6	7.260	99	319751	135.217	ng	0.00
23) Nitrobenzene-d5	9.263	82	229000	89.158	ng	0.00
42) 2,4,6-Tribromophenol	16.212	330	157108	127.456	ng	0.00
45) 2-Fluorobiphenyl	13.345	172	505561	89.977	ng	0.00
79) Terphenyl-d14	20.072	244	1154050	85.844	ng	0.00

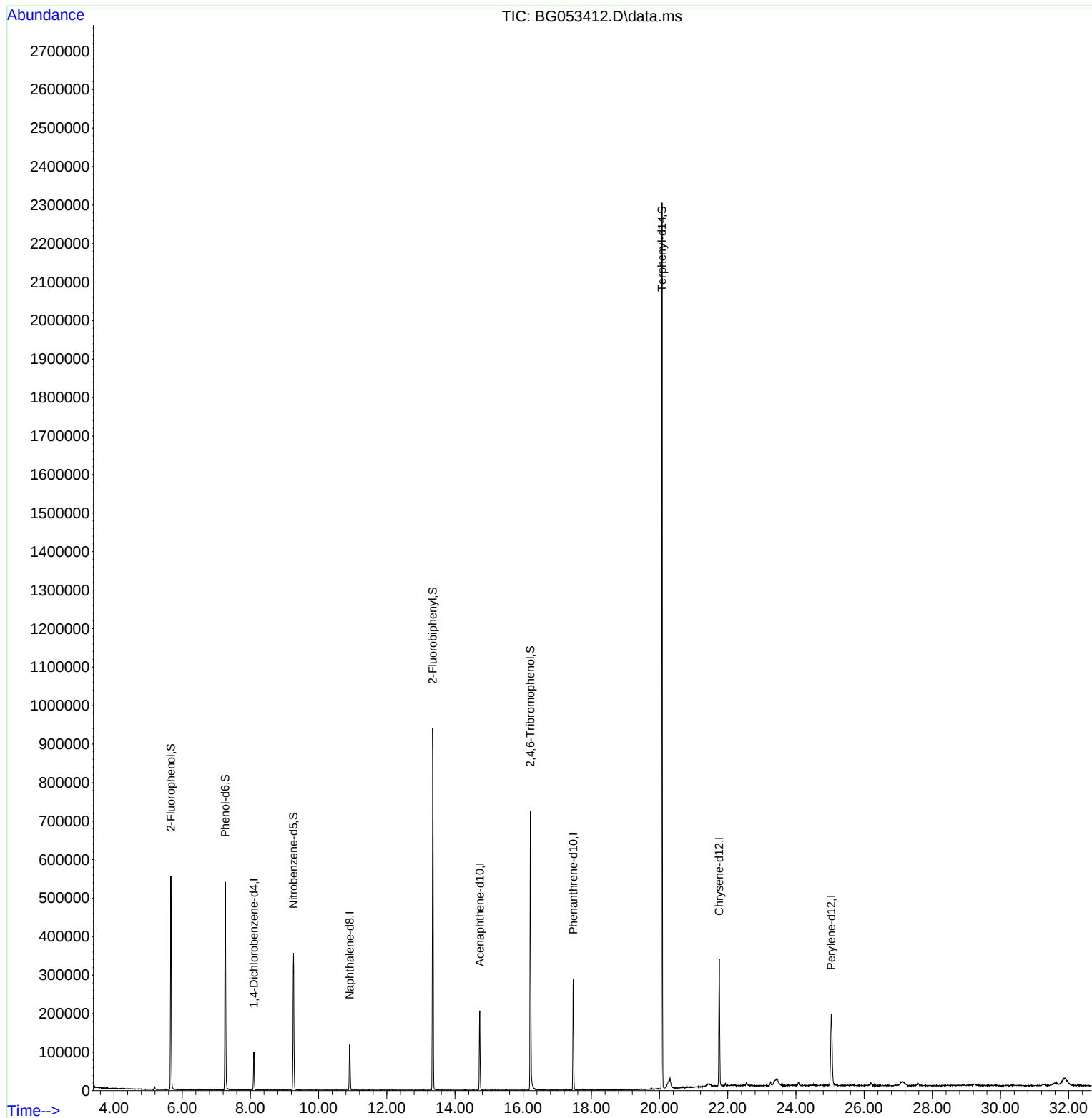
Target Compounds	Qvalue

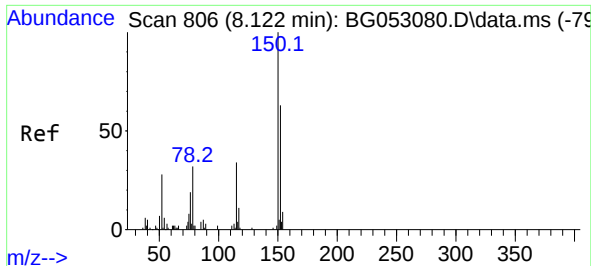
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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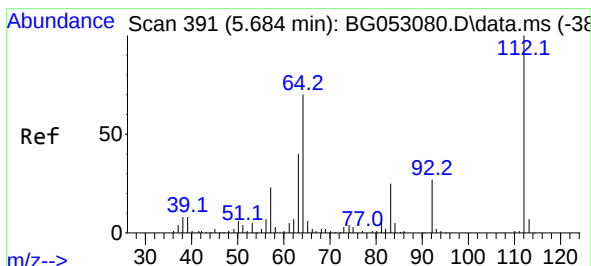
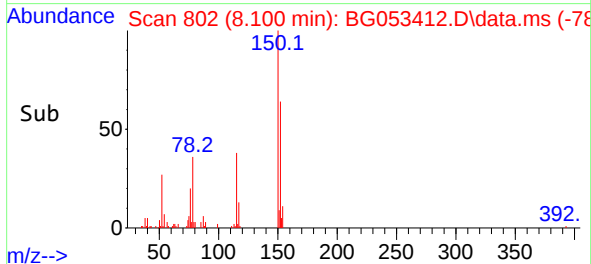
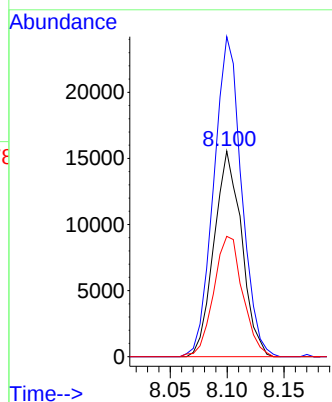
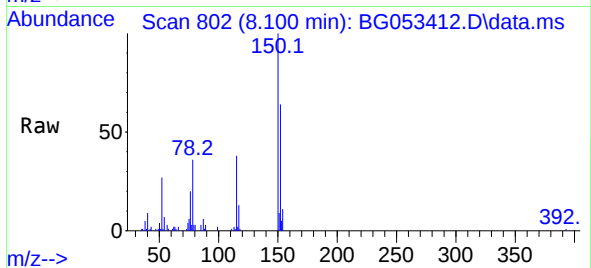




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.100 min Scan# 80
Delta R.T. 0.004 min
Lab File: BG053412.D
Acq: 3 May 2022 11:27

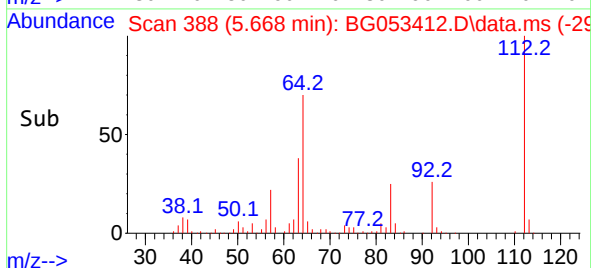
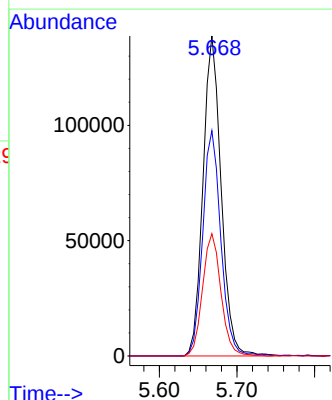
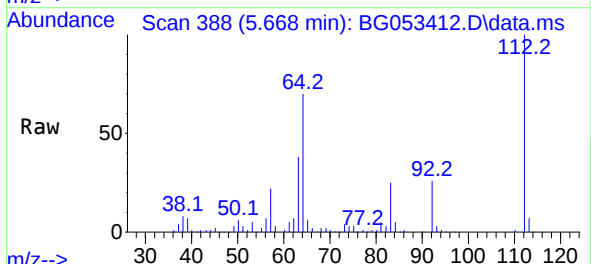
Instrument :
BNA_G
ClientSampleId :
PB144515BL

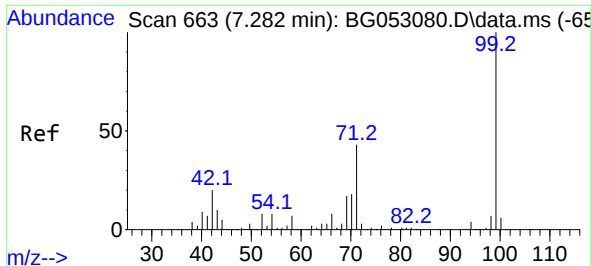
Tgt Ion:152 Resp: 26286
Ion Ratio Lower Upper
152 100
150 155.6 114.6 172.0
115 58.5 45.9 68.9



#5
2-Fluorophenol
Concen: 147.031 ng
RT: 5.668 min Scan# 388
Delta R.T. 0.004 min
Lab File: BG053412.D
Acq: 3 May 2022 11:27

Tgt Ion:112 Resp: 225464
Ion Ratio Lower Upper
112 100
64 70.4 48.0 72.0
63 38.2 26.5 39.7

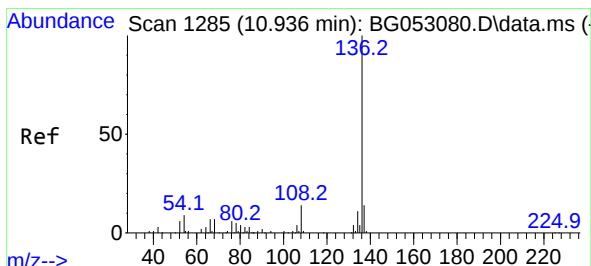
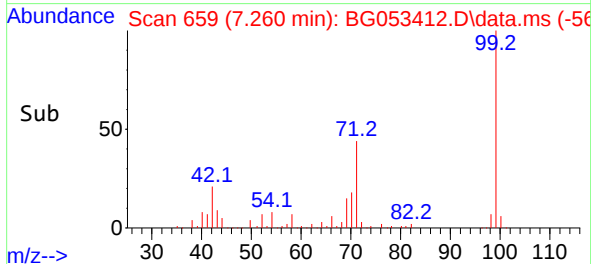
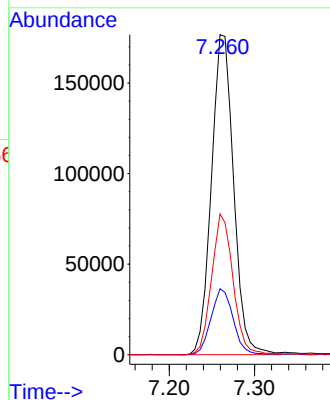
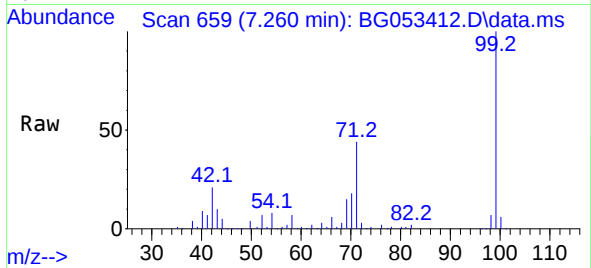




#7
Phenol-d6
Concen: 135.217 ng
RT: 7.260 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053412.D
Acq: 3 May 2022 11:27

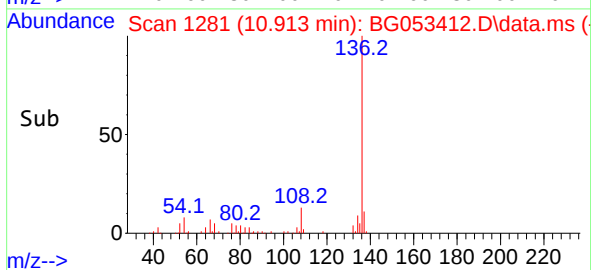
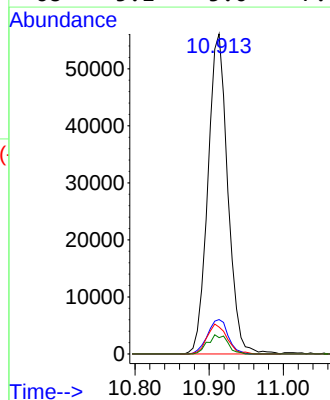
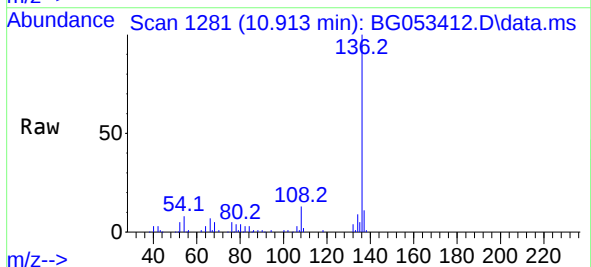
Instrument :
BNA_G
ClientSampleId :
PB144515BL

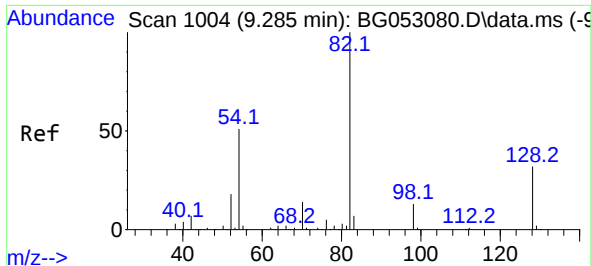
Tgt Ion: 99 Resp: 319751
Ion Ratio Lower Upper
99 100
42 20.6 14.7 22.1
71 44.0 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 1281
Delta R.T. -0.002 min
Lab File: BG053412.D
Acq: 3 May 2022 11:27

Tgt Ion:136 Resp: 104289
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.2
54 8.4 6.4 9.6
68 5.1 5.0 7.6

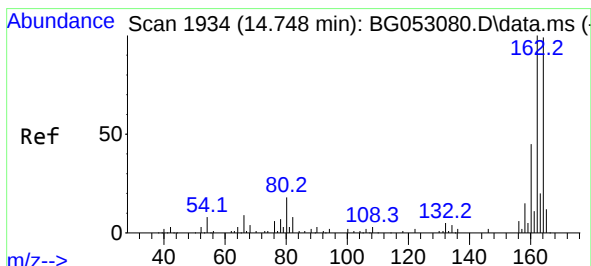
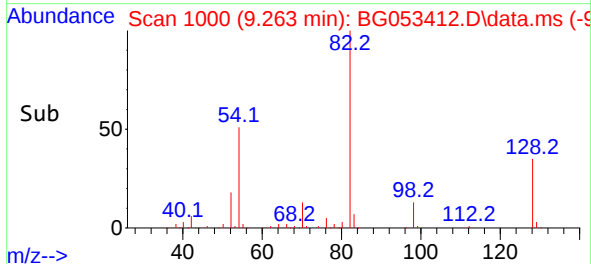
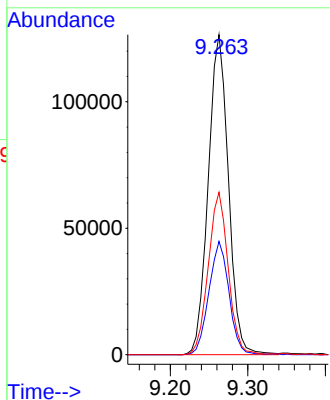
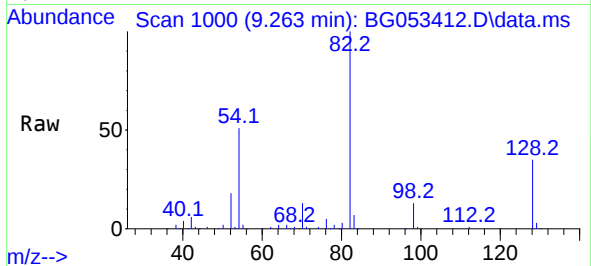




#23
Nitrobenzene-d5
Concen: 89.158 ng
RT: 9.263 min Scan# 1000
Delta R.T. -0.002 min
Lab File: BG053412.D
Acq: 3 May 2022 11:27

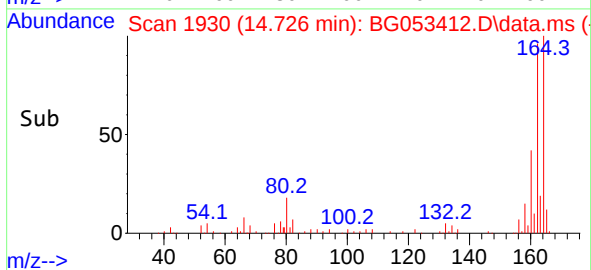
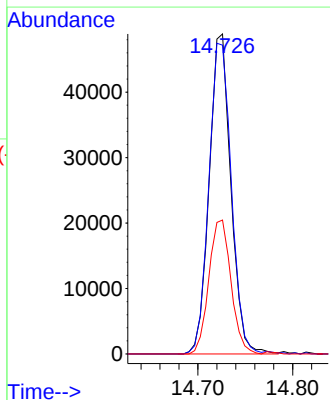
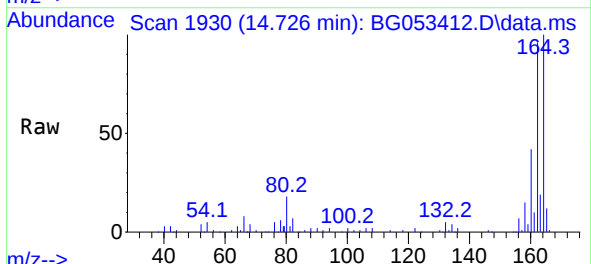
Instrument :
BNA_G
ClientSampleId :
PB144515BL

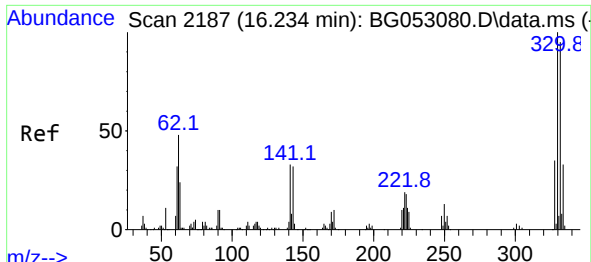
Tgt Ion: 82 Resp: 229000
Ion Ratio Lower Upper
82 100
128 35.4 31.3 46.9
54 50.7 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.726 min Scan# 1930
Delta R.T. -0.002 min
Lab File: BG053412.D
Acq: 3 May 2022 11:27

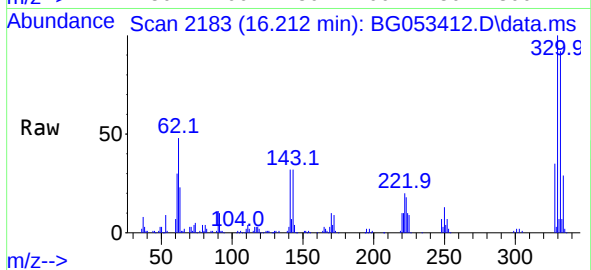
Tgt Ion:164 Resp: 77478
Ion Ratio Lower Upper
164 100
162 96.5 80.0 120.0
160 41.9 38.8 58.2



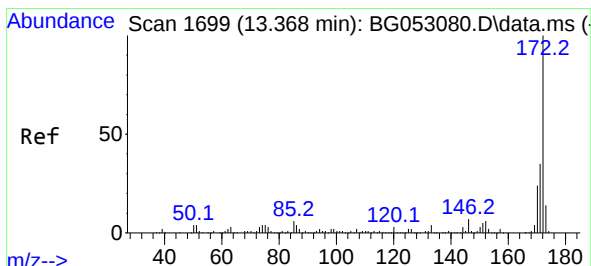
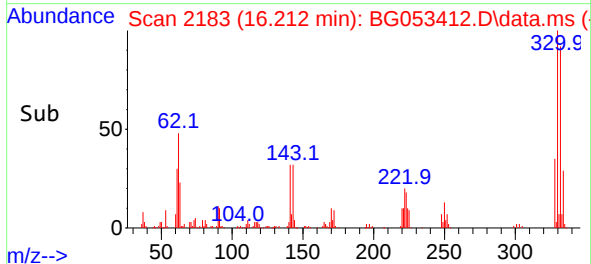
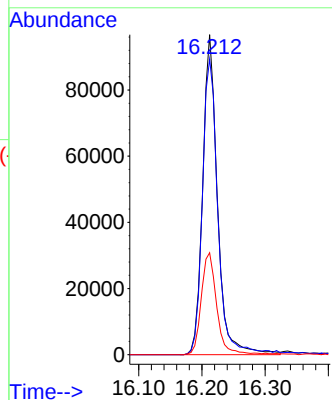


#42
2,4,6-Tribromophenol
Concen: 127.456 ng
RT: 16.212 min Scan# 2187
Delta R.T. -0.002 min
Lab File: BG053412.D
Acq: 3 May 2022 11:27

Instrument :
BNA_G
ClientSampleId :
PB144515BL

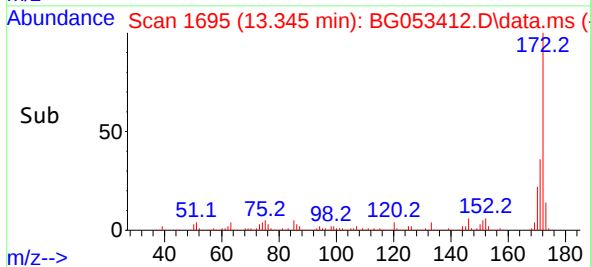
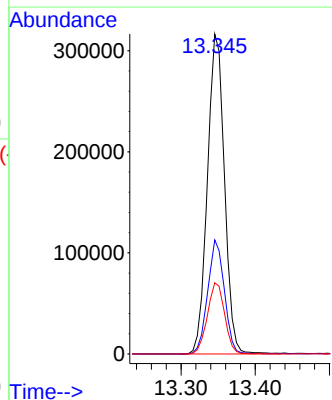
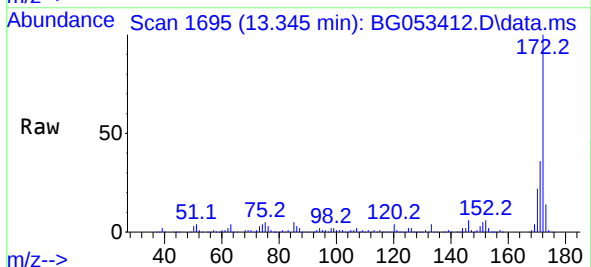


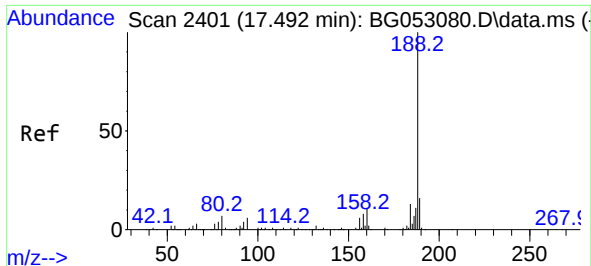
Tgt Ion:330 Resp: 157108
Ion Ratio Lower Upper
330 100
332 97.3 75.8 113.6
141 33.4 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 89.977 ng
RT: 13.345 min Scan# 1695
Delta R.T. -0.002 min
Lab File: BG053412.D
Acq: 3 May 2022 11:27

Tgt Ion:172 Resp: 505561
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 22.2 18.0 27.0

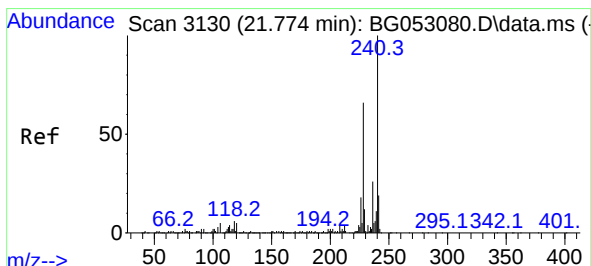
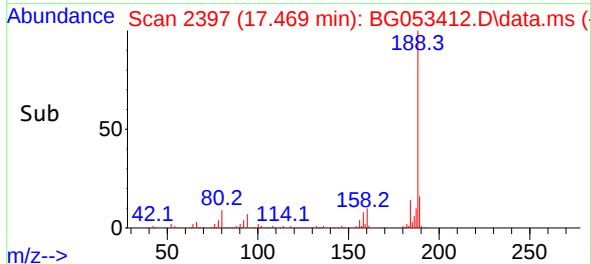
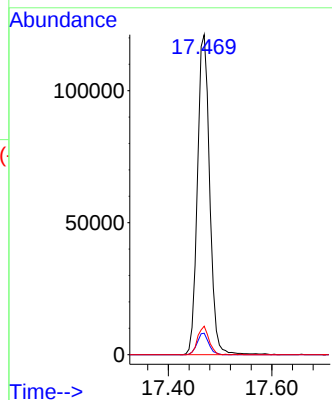
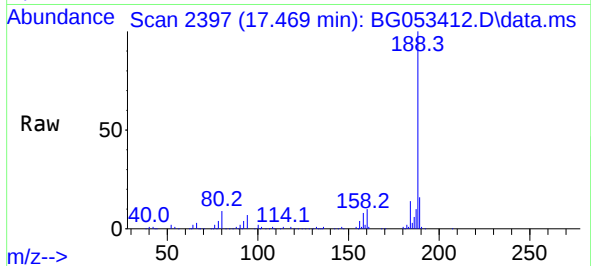




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.469 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053412.D
Acq: 3 May 2022 11:27

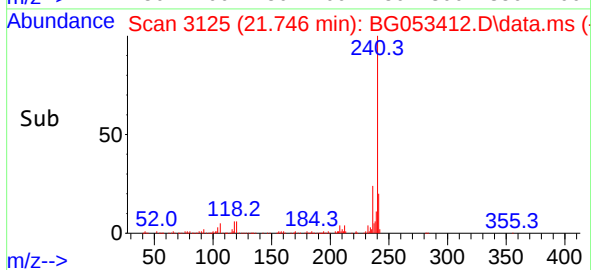
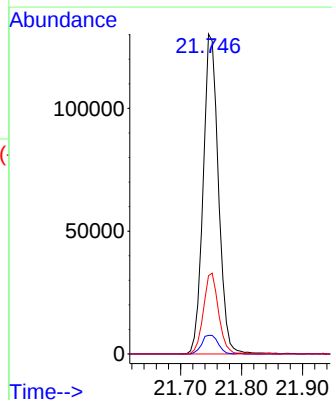
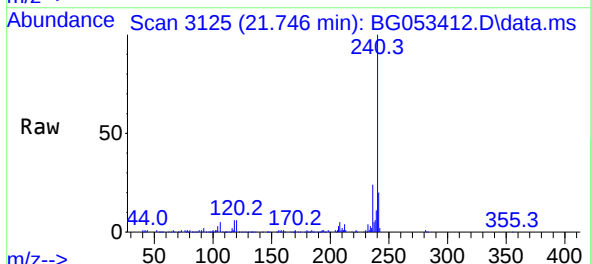
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BNA_G
ClientSampleId :
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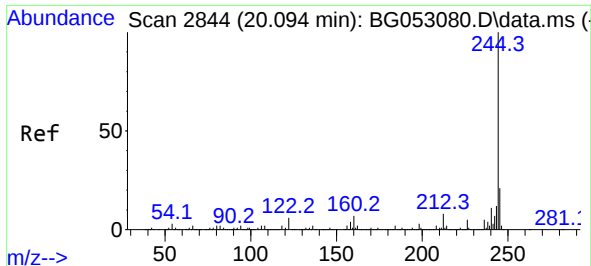
Tgt Ion:188 Resp: 198379
Ion Ratio Lower Upper
188 100
94 6.7 5.7 8.5
80 8.9 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.746 min Scan# 3125
Delta R.T. -0.008 min
Lab File: BG053412.D
Acq: 3 May 2022 11:27

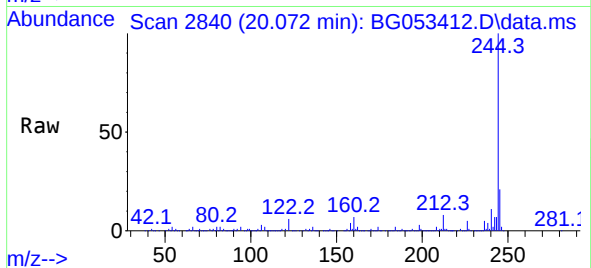
Tgt Ion:240 Resp: 227048
Ion Ratio Lower Upper
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120 5.8 5.4 8.0
236 24.4 19.8 29.6



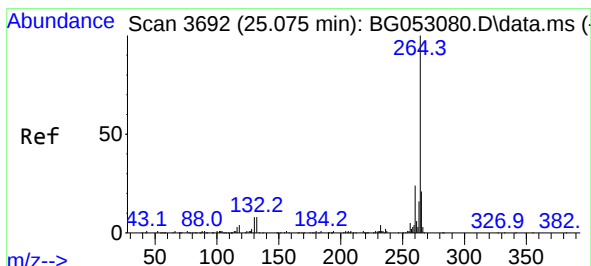
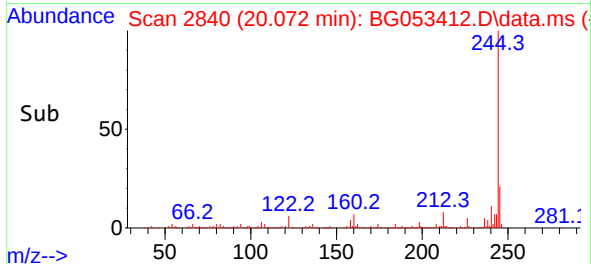
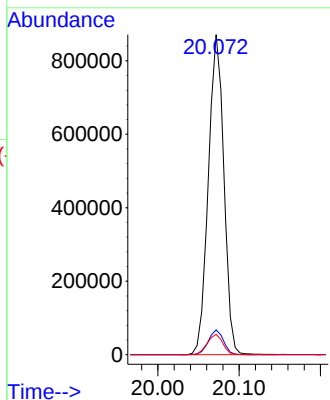


#79
 Terphenyl-d14
 Concen: 85.844 ng
 RT: 20.072 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053412.D
 Acq: 3 May 2022 11:27

Instrument :
 BNA_G
 ClientSampleId :
 PB144515BL



Tgt Ion:244 Resp: 1154050
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 6.3 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.035 min Scan# 3685
 Delta R.T. -0.008 min
 Lab File: BG053412.D
 Acq: 3 May 2022 11:27

Tgt Ion:264 Resp: 218509
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.2
 265 21.0 15.1 22.7

