

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
 Data File : BG053214.D
 Acq On : 20 Apr 2022 13:59
 Operator : CG/JU
 Sample : N2452-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-4

Quant Time: Apr 20 14:41:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	39659	20.000	ng	0.00
21) Naphthalene-d8	10.924	136	151925	20.000	ng	-0.01
39) Acenaphthene-d10	14.737	164	106674	20.000	ng	-0.01
64) Phenanthrene-d10	17.486	188	238065	20.000	ng	0.00
76) Chrysene-d12	21.769	240	232335	20.000	ng	0.00
86) Perylene-d12	25.064	264	232470	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	320263	138.427	ng	0.00
7) Phenol-d6	7.282	99	422479	118.415	ng	0.00
23) Nitrobenzene-d5	9.280	82	349805	93.489	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	232928	137.247	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	725114	93.731	ng	0.00
79) Terphenyl-d14	20.088	244	1200557	87.272	ng	0.00

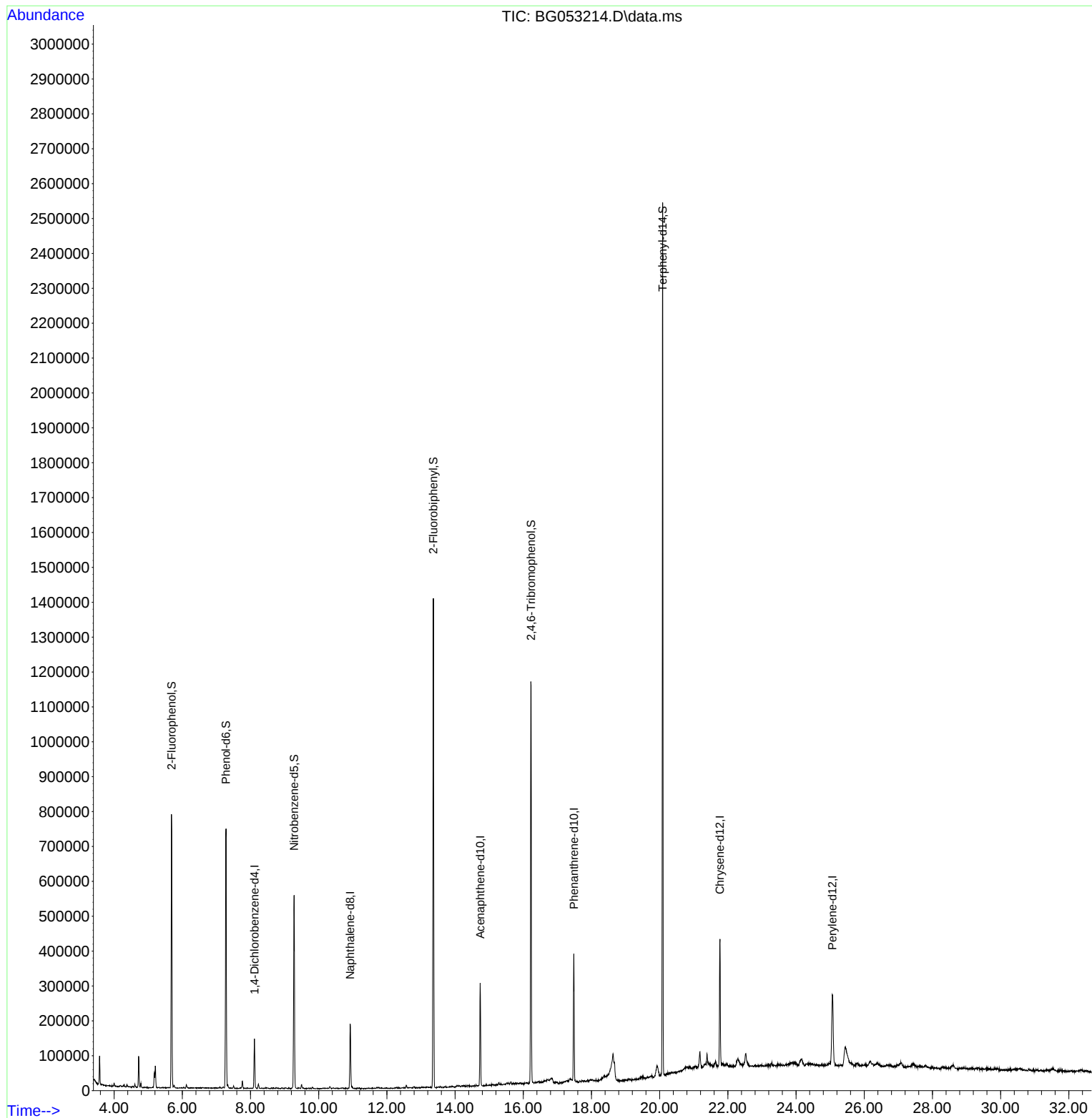
Target Compounds	Qvalue

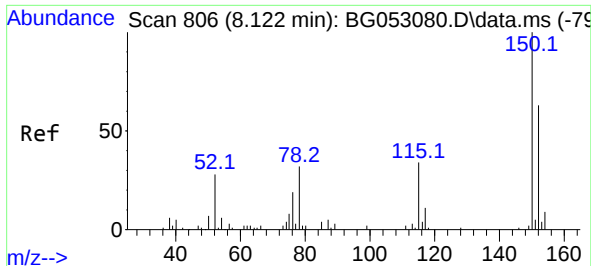
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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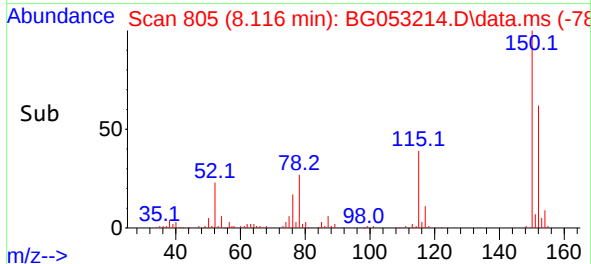
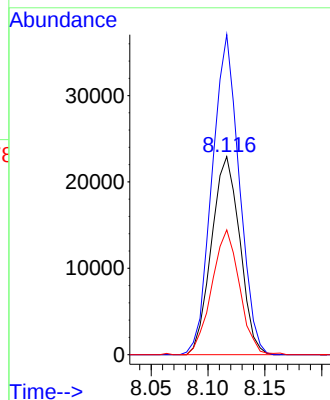
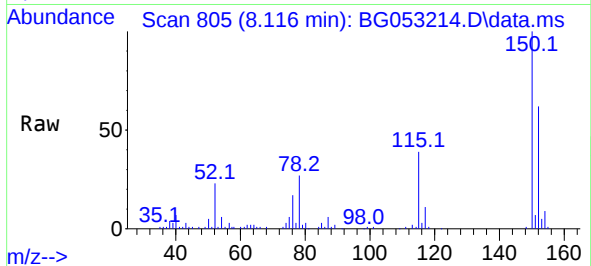




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.116 min Scan# 805
Delta R.T. -0.006 min
Lab File: BG053214.D
Acq: 20 Apr 2022 13:59

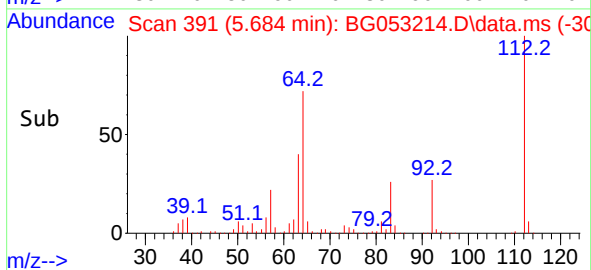
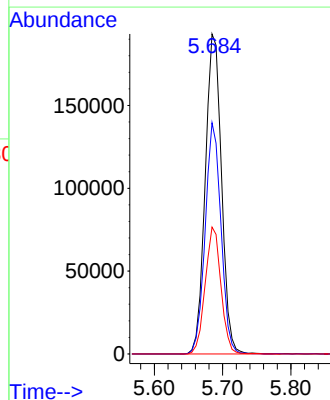
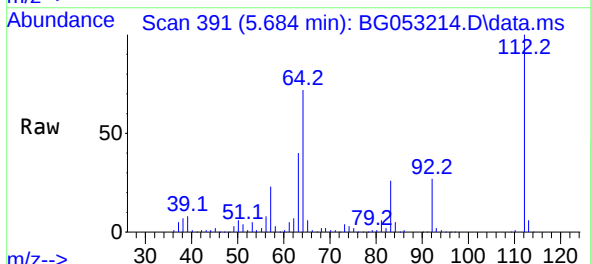
Instrument :
BNA_G
ClientSampleId :
WC-15-1-4

Tgt Ion:152 Resp: 39659
Ion Ratio Lower Upper
152 100
150 161.6 114.6 172.0
115 63.0 45.9 68.9



#5
2-Fluorophenol
Concen: 138.427 ng
RT: 5.684 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG053214.D
Acq: 20 Apr 2022 13:59

Tgt Ion:112 Resp: 320263
Ion Ratio Lower Upper
112 100
64 72.3 48.0 72.0#
63 39.6 26.5 39.7

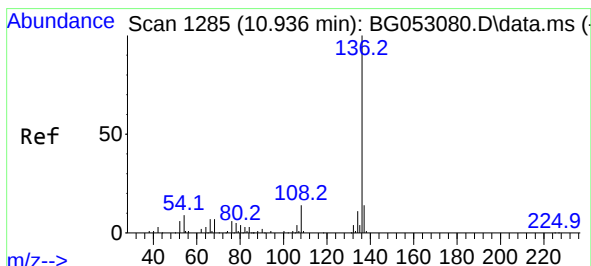
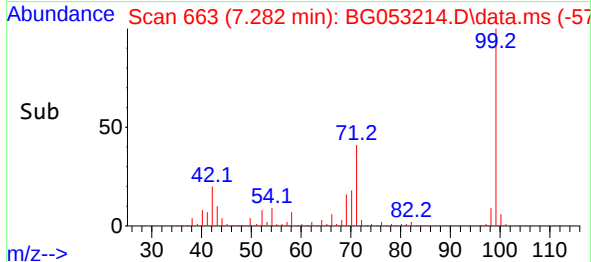
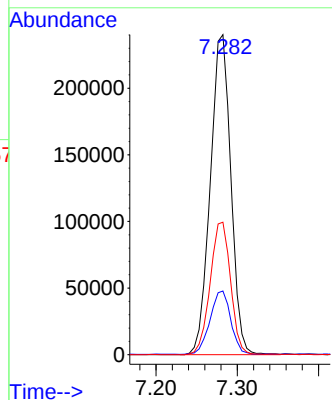
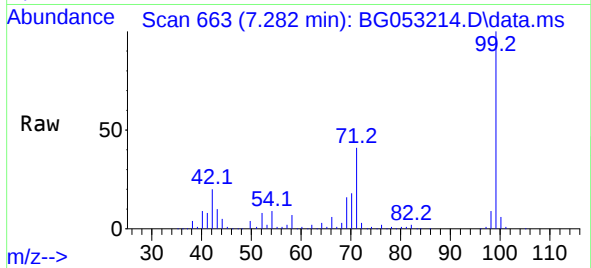




#7
Phenol-d6
Concen: 118.415 ng
RT: 7.282 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG053214.D
Acq: 20 Apr 2022 13:59

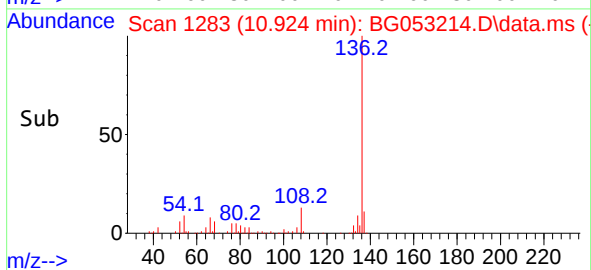
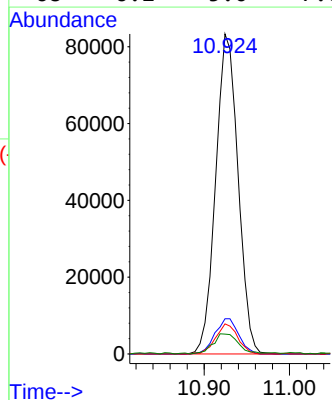
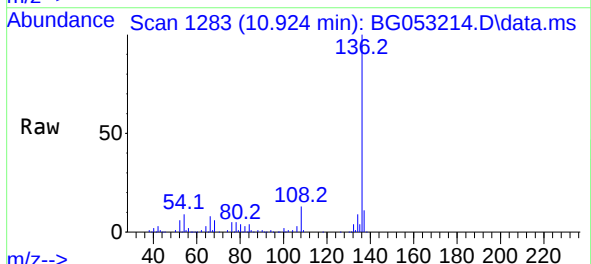
Instrument :
BNA_G
ClientSampleId :
WC-15-1-4

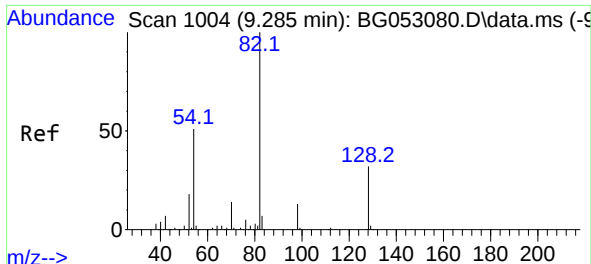
Tgt Ion: 99 Resp: 422479
Ion Ratio Lower Upper
99 100
42 19.9 14.7 22.1
71 41.4 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.924 min Scan# 1283
Delta R.T. -0.012 min
Lab File: BG053214.D
Acq: 20 Apr 2022 13:59

Tgt Ion: 136 Resp: 151925
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 9.4 6.4 9.6
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 93.489 ng

RT: 9.280 min Scan# 1004

Delta R.T. -0.005 min

Lab File: BG053214.D

Acq: 20 Apr 2022 13:59

Instrument :

BNA_G

ClientSampleId :

WC-15-1-4

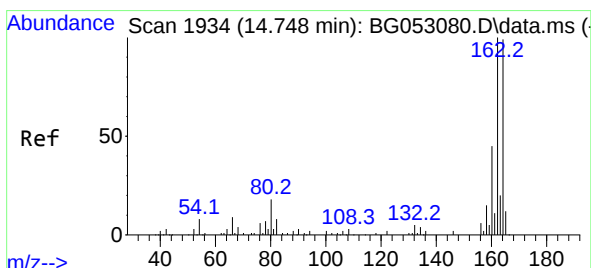
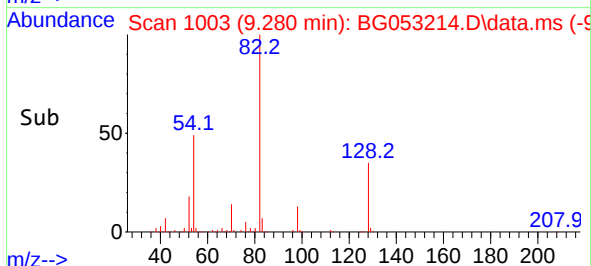
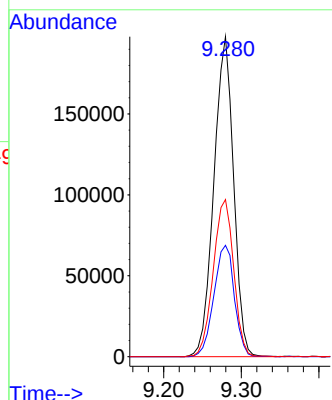
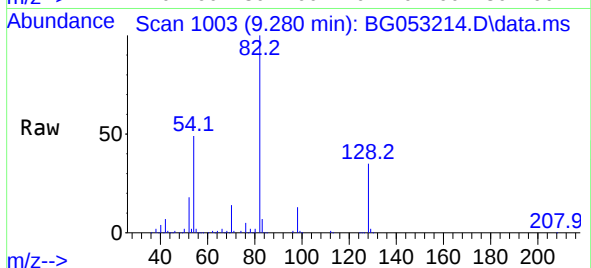
Tgt Ion: 82 Resp: 349805

Ion Ratio Lower Upper

82 100

128 34.8 31.3 46.9

54 49.1 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.737 min Scan# 1932

Delta R.T. -0.011 min

Lab File: BG053214.D

Acq: 20 Apr 2022 13:59

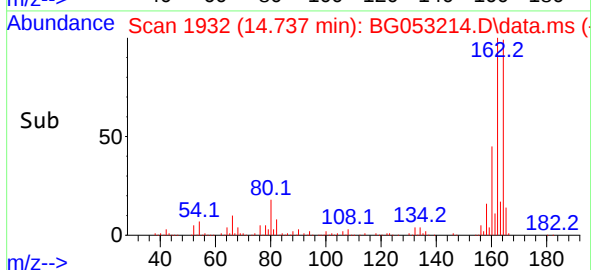
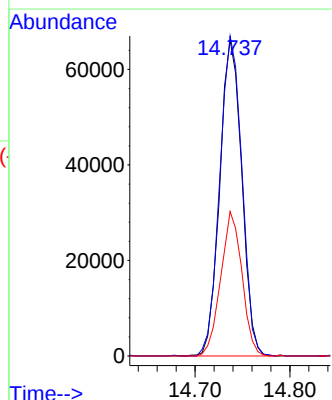
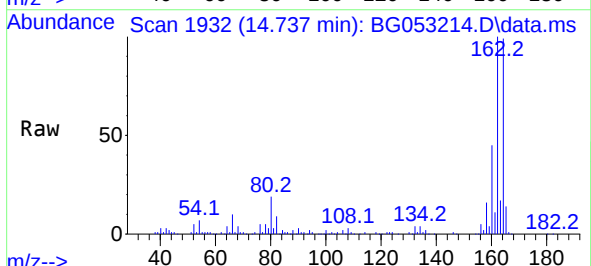
Tgt Ion: 164 Resp: 106674

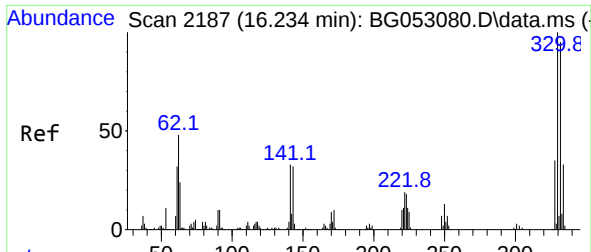
Ion Ratio Lower Upper

164 100

162 101.3 80.0 120.0

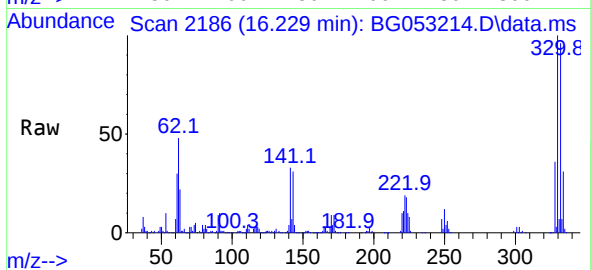
160 45.7 38.8 58.2



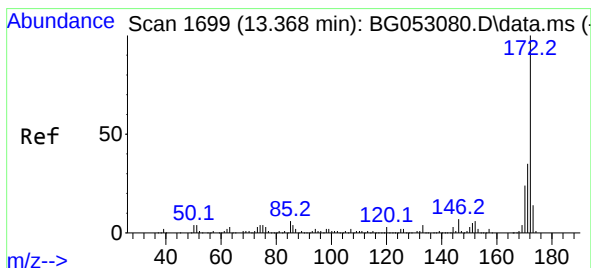
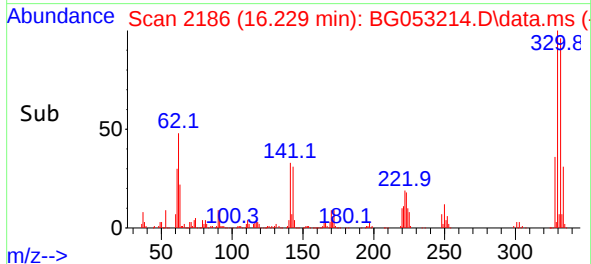
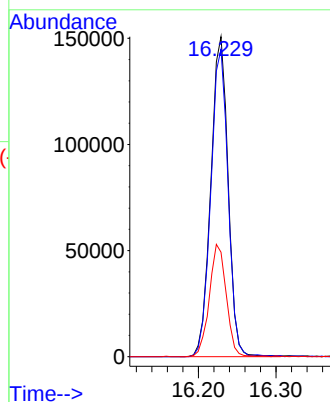


#42
2,4,6-Tribromophenol
Concen: 137.247 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.005 min
Lab File: BG053214.D
Acq: 20 Apr 2022 13:59

Instrument :
BNA_G
ClientSampleId :
WC-15-1-4

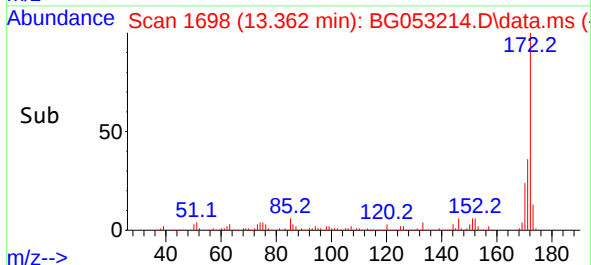
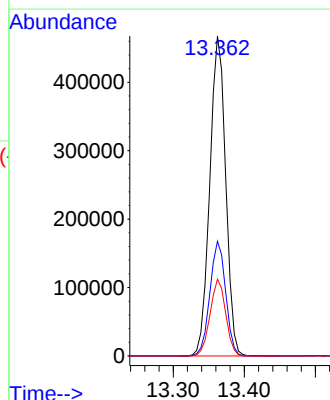
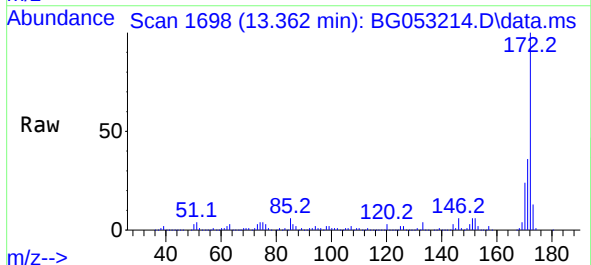


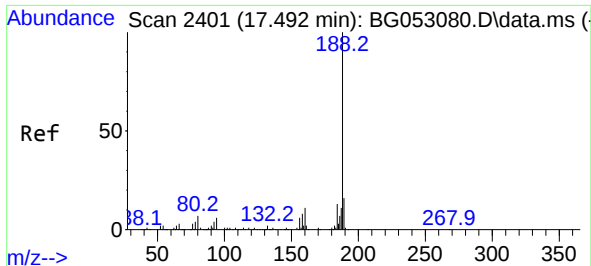
Tgt Ion:330 Resp: 232928
Ion Ratio Lower Upper
330 100
332 95.6 75.8 113.6
141 34.5 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 93.731 ng
RT: 13.362 min Scan# 1698
Delta R.T. -0.005 min
Lab File: BG053214.D
Acq: 20 Apr 2022 13:59

Tgt Ion:172 Resp: 725114
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 24.0 18.0 27.0

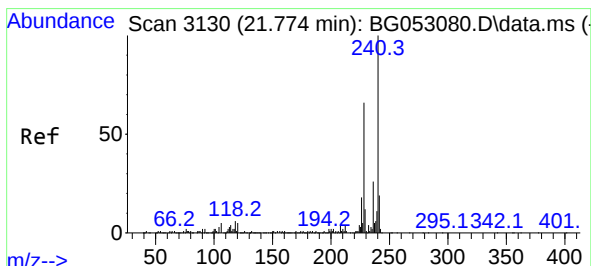
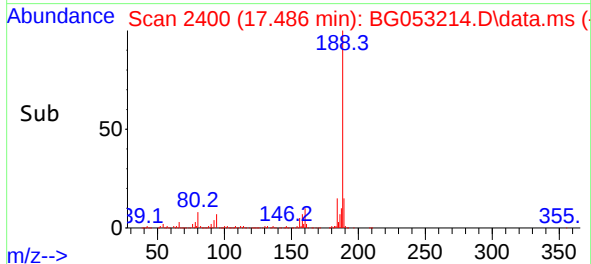
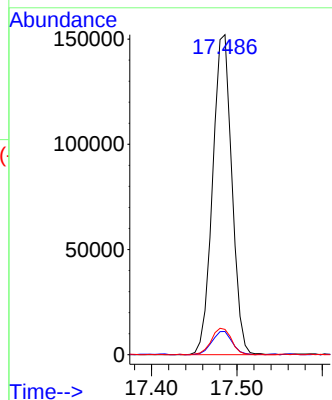
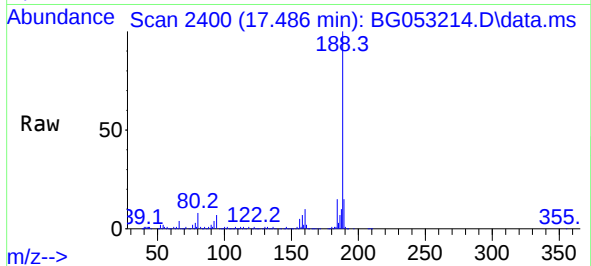




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG053214.D
Acq: 20 Apr 2022 13:59

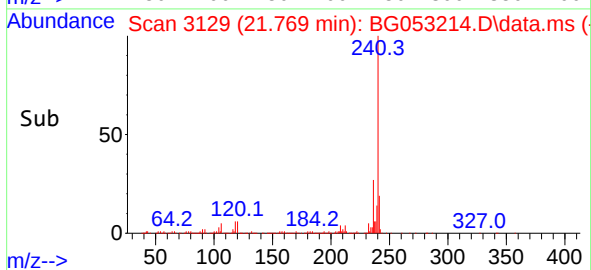
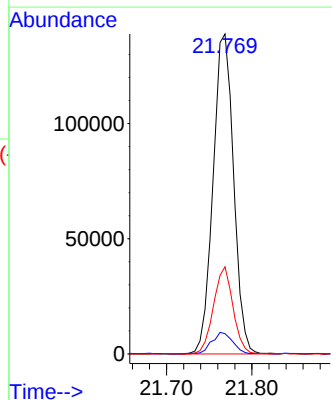
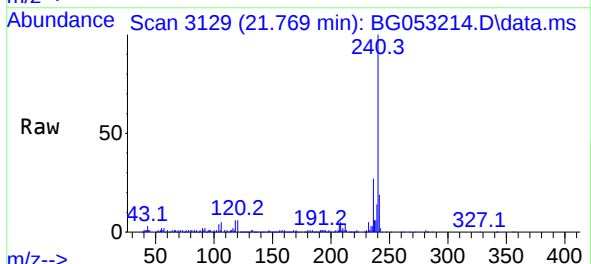
Instrument :
BNA_G
ClientSampleId :
WC-15-1-4

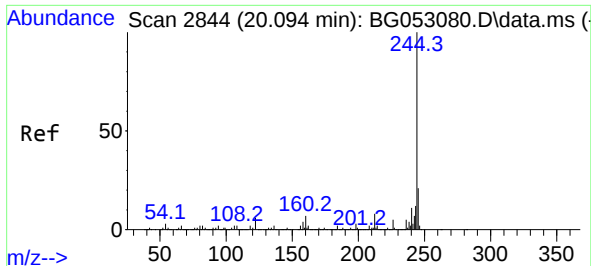
Tgt Ion:188 Resp: 238065
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 7.9 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.769 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BG053214.D
Acq: 20 Apr 2022 13:59

Tgt Ion:240 Resp: 232335
Ion Ratio Lower Upper
240 100
120 6.3 5.4 8.0
236 27.3 19.8 29.6

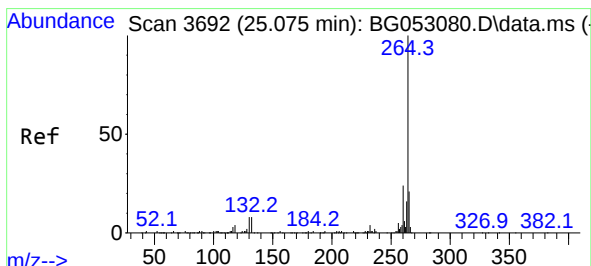
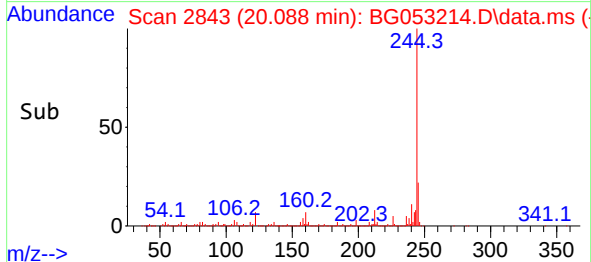
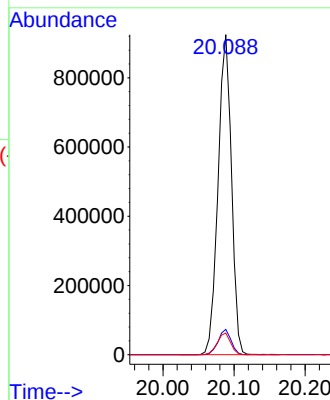
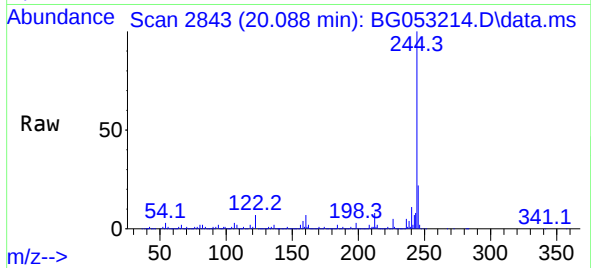




#79
 Terphenyl-d14
 Concen: 87.272 ng
 RT: 20.088 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG053214.D
 Acq: 20 Apr 2022 13:59

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-4

Tgt Ion:244 Resp: 1200557
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.7 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.064 min Scan# 3690
 Delta R.T. -0.011 min
 Lab File: BG053214.D
 Acq: 20 Apr 2022 13:59

Tgt Ion:264 Resp: 232470
 Ion Ratio Lower Upper
 264 100
 260 20.3 18.2 27.2
 265 20.2 15.1 22.7

