

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
 Data File : BG053138.D
 Acq On : 13 Apr 2022 14:48
 Operator : CG/JU
 Sample : N2368-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E14ST-EB3-041122-5-10

Quant Time: Apr 14 02:56:48 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)

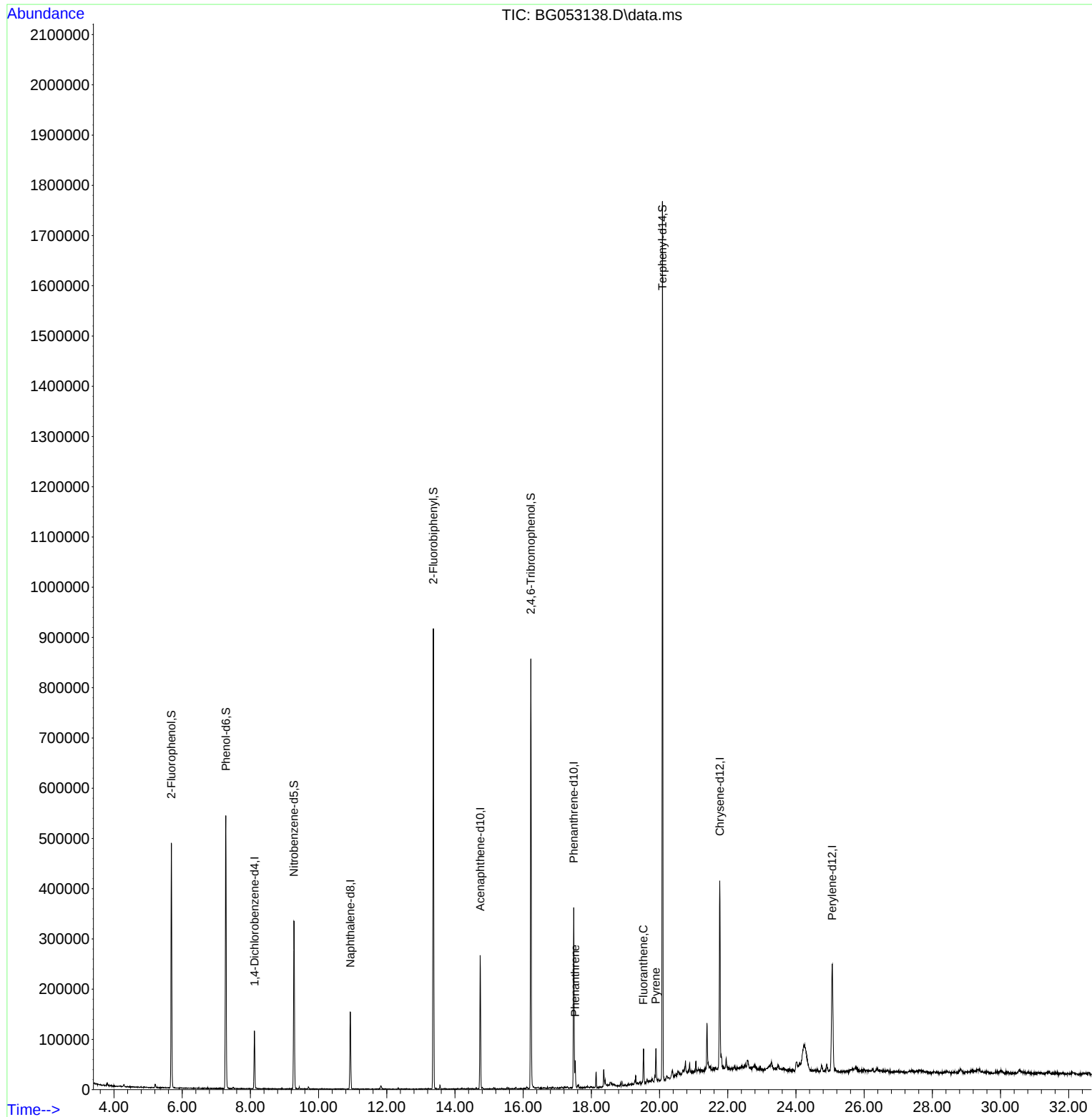
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.119	152	30702	20.000	ng	0.00
21) Naphthalene-d8	10.933	136	127933	20.000	ng	0.00
39) Acenaphthene-d10	14.740	164	97506	20.000	ng	0.00
64) Phenanthrene-d10	17.483	188	231758	20.000	ng	0.00
76) Chrysene-d12	21.766	240	231111	20.000	ng	0.00
86) Perylene-d12	25.061	264	239078	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	202882	113.275	ng	0.00
7) Phenol-d6	7.279	99	301792	109.266	ng	0.00
23) Nitrobenzene-d5	9.277	82	218019	69.195	ng	0.00
42) 2,4,6-Tribromophenol	16.226	330	169664	109.370	ng	0.00
45) 2-Fluorobiphenyl	13.365	172	481413	68.080	ng	0.00
79) Terphenyl-d14	20.085	244	884277	64.621	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.530	178	32598	2.575	ng	99
75) Fluoranthene	19.527	202	43973	2.710	ng	97
78) Pyrene	19.892	202	41544	2.524	ng	96

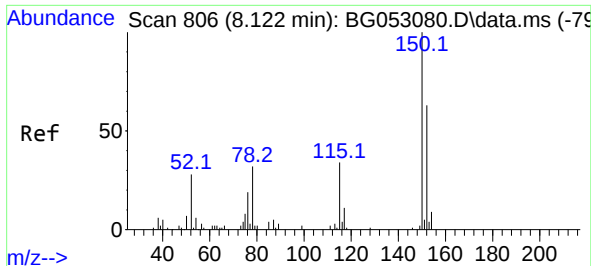
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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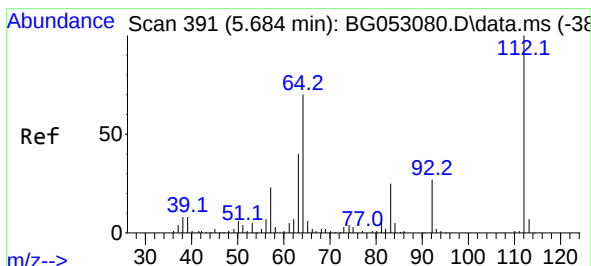
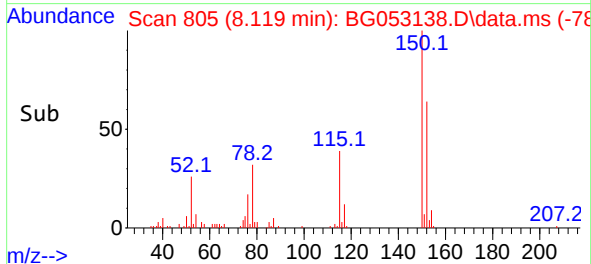
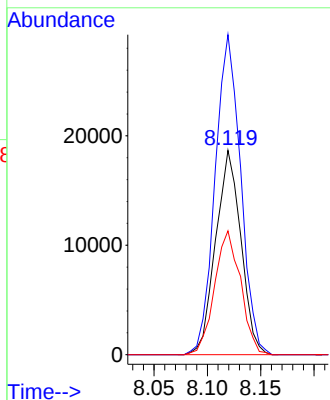
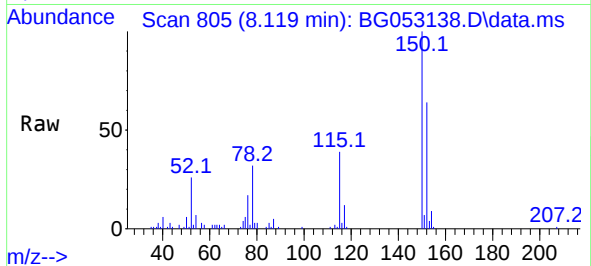




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.119 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG053138.D
Acq: 13 Apr 2022 14:48

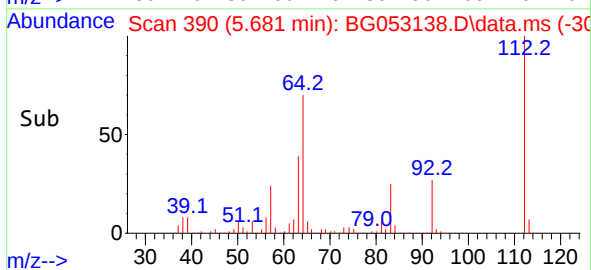
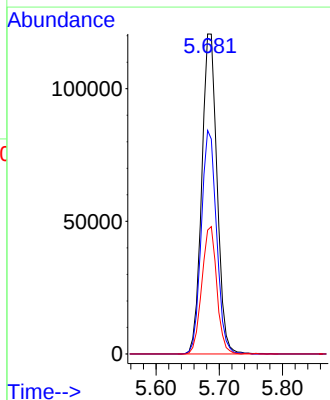
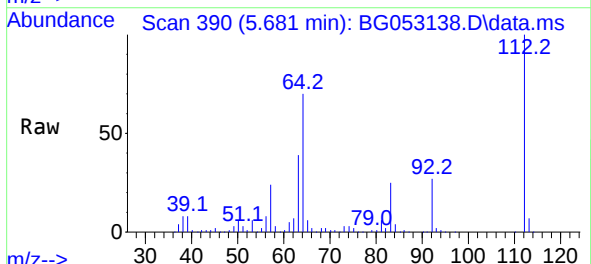
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10

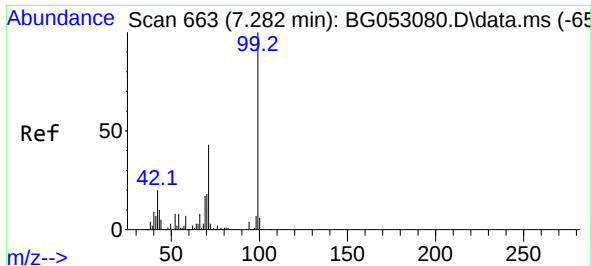
Tgt Ion:152 Resp: 30702
Ion Ratio Lower Upper
152 100
150 156.6 114.6 172.0
115 60.6 45.9 68.9



#5
2-Fluorophenol
Concen: 113.275 ng
RT: 5.681 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG053138.D
Acq: 13 Apr 2022 14:48

Tgt Ion:112 Resp: 202882
Ion Ratio Lower Upper
112 100
64 69.8 48.0 72.0
63 38.7 26.5 39.7

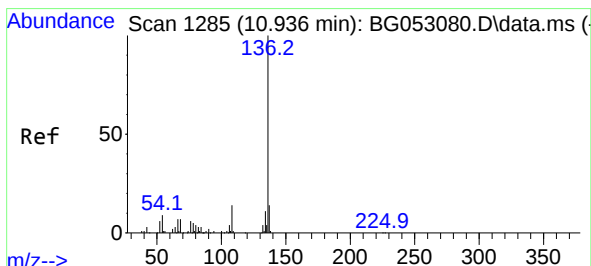
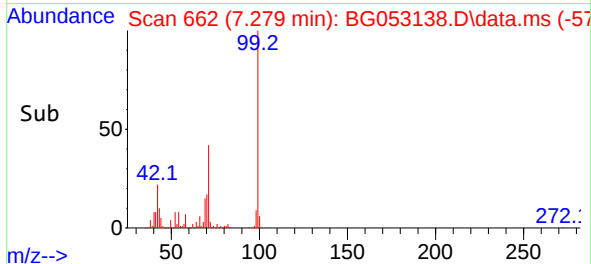
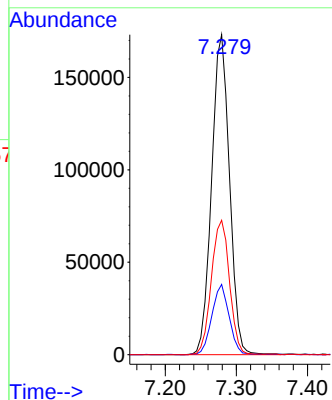
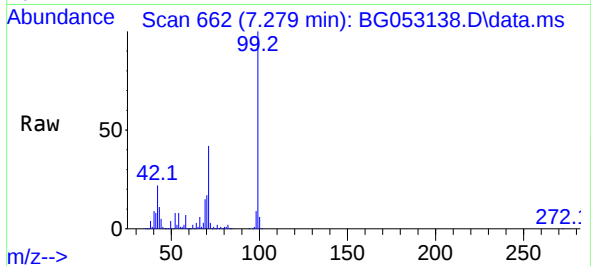




#7
Phenol-d6
Concen: 109.266 ng
RT: 7.279 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053138.D
Acq: 13 Apr 2022 14:48

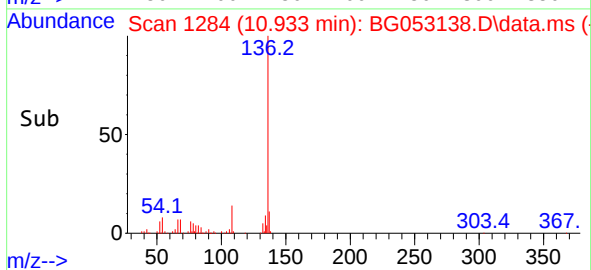
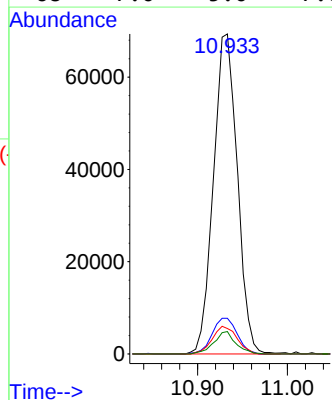
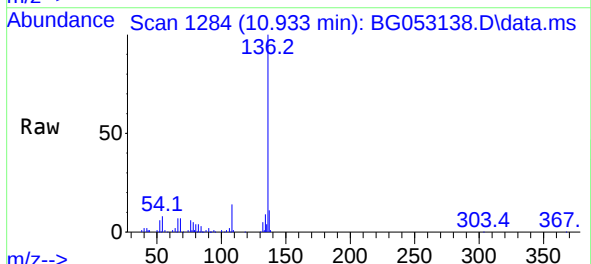
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10

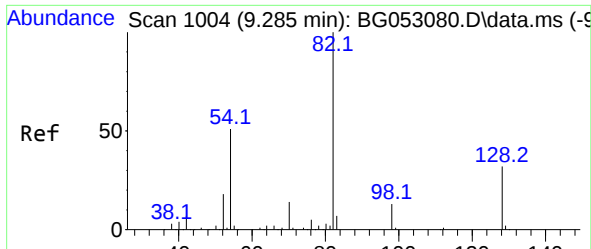
Tgt Ion: 99 Resp: 301792
Ion Ratio Lower Upper
99 100
42 22.0 14.7 22.1
71 42.0 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.933 min Scan# 1284
Delta R.T. -0.003 min
Lab File: BG053138.D
Acq: 13 Apr 2022 14:48

Tgt Ion:136 Resp: 127933
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.2
54 7.9 6.4 9.6
68 7.0 5.0 7.6

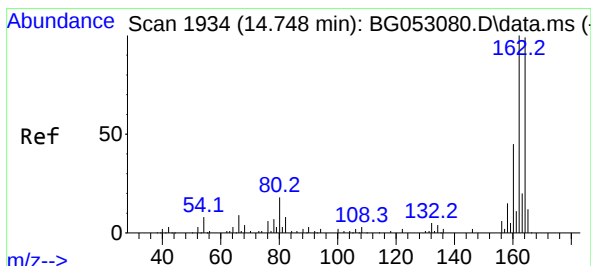
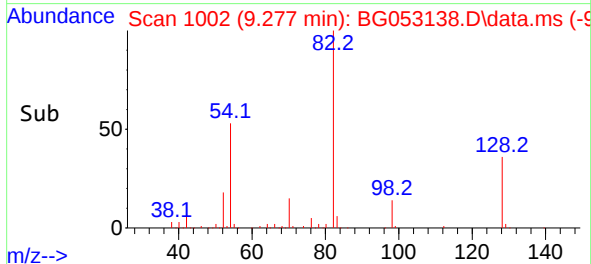
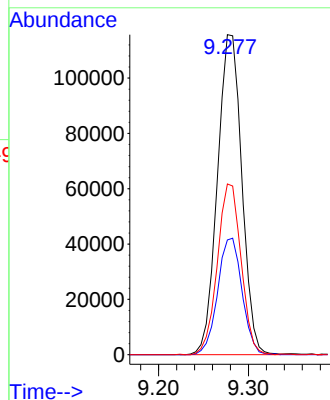
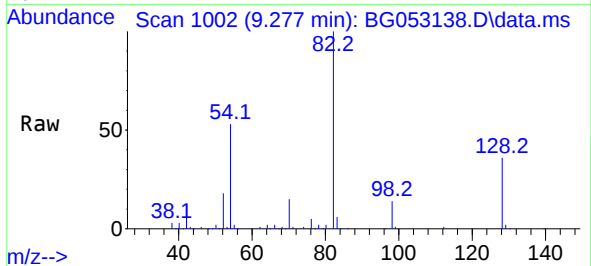




#23
Nitrobenzene-d5
Concen: 69.195 ng
RT: 9.277 min Scan# 1002
Delta R.T. -0.008 min
Lab File: BG053138.D
Acq: 13 Apr 2022 14:48

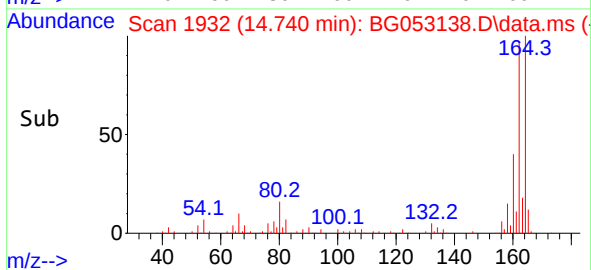
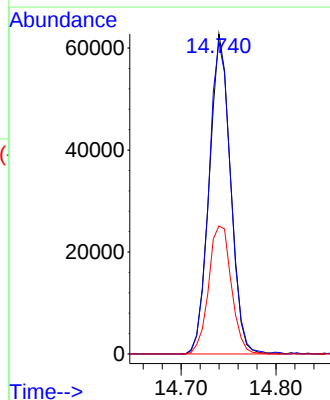
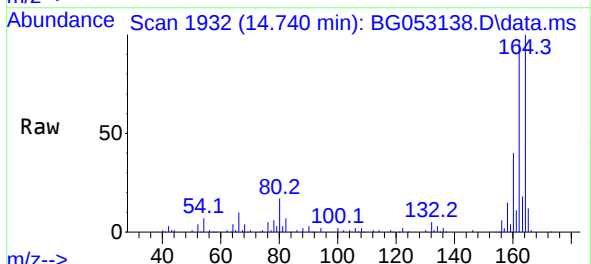
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10

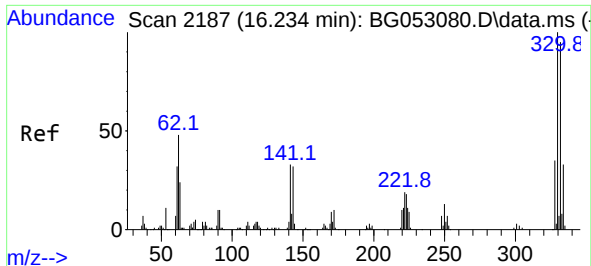
Tgt Ion: 82 Resp: 218019
Ion Ratio Lower Upper
82 100
128 35.8 31.3 46.9
54 53.3 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.740 min Scan# 1932
Delta R.T. -0.008 min
Lab File: BG053138.D
Acq: 13 Apr 2022 14:48

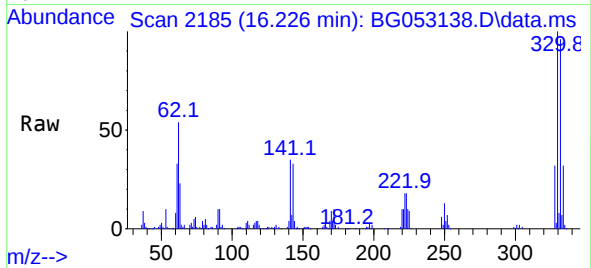
Tgt Ion:164 Resp: 97506
Ion Ratio Lower Upper
164 100
162 97.5 80.0 120.0
160 40.0 38.8 58.2



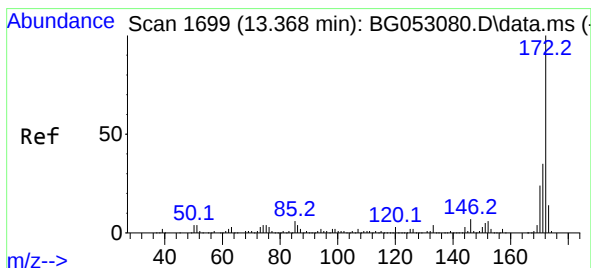
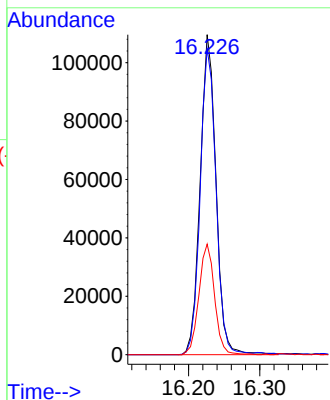
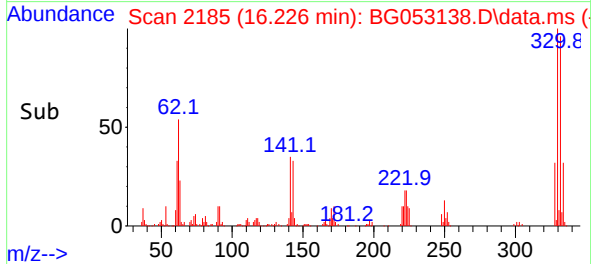


#42
2,4,6-Tribromophenol
Concen: 109.370 ng
RT: 16.226 min Scan# 2187
Delta R.T. -0.008 min
Lab File: BG053138.D
Acq: 13 Apr 2022 14:48

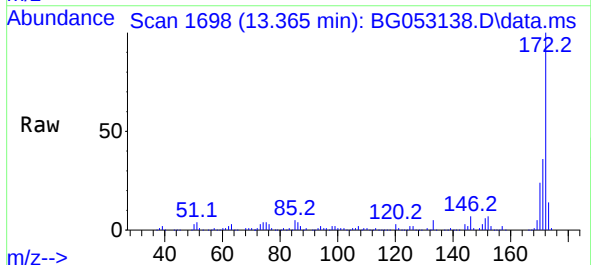
Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10



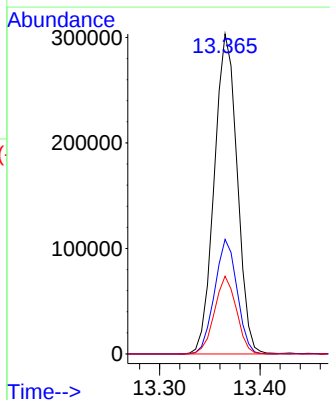
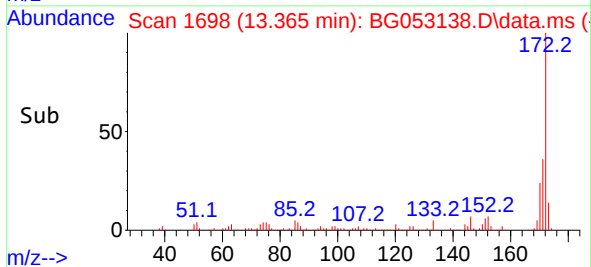
Tgt Ion:330 Resp: 169664
Ion Ratio Lower Upper
330 100
332 95.6 75.8 113.6
141 34.3 24.6 36.8

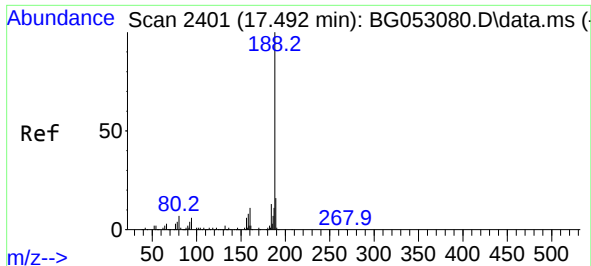


#45
2-Fluorobiphenyl
Concen: 68.080 ng
RT: 13.365 min Scan# 1698
Delta R.T. -0.003 min
Lab File: BG053138.D
Acq: 13 Apr 2022 14:48



Tgt Ion:172 Resp: 481413
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 24.3 18.0 27.0

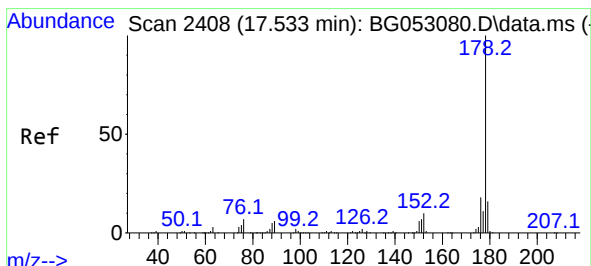
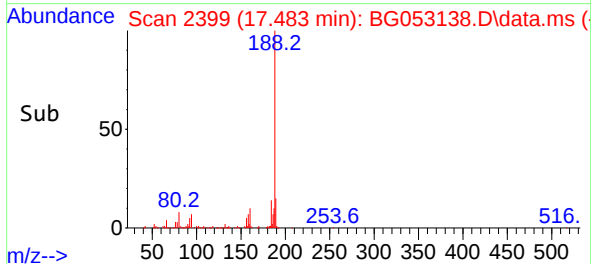
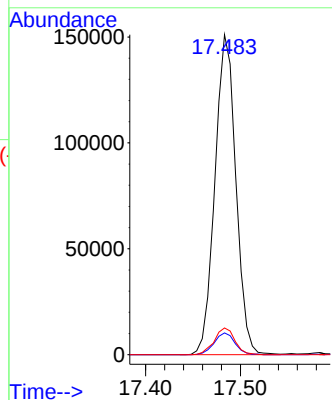
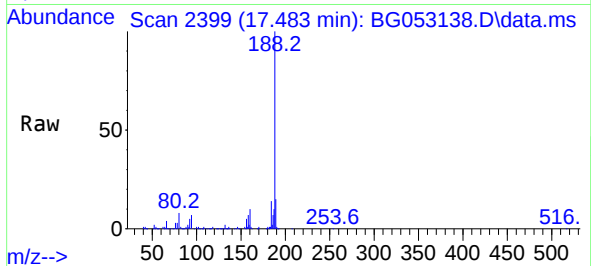




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.483 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053138.D
Acq: 13 Apr 2022 14:48

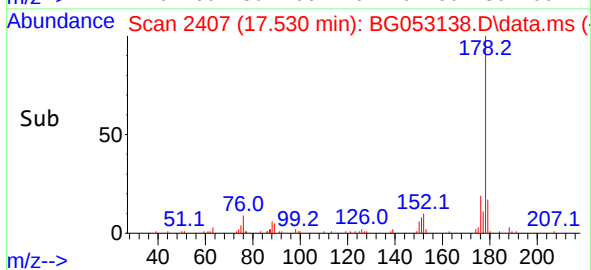
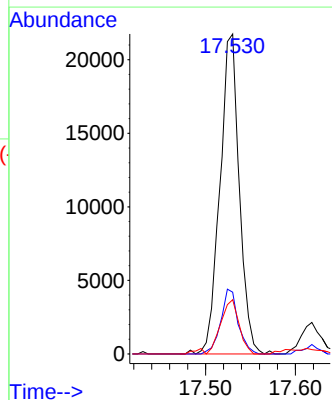
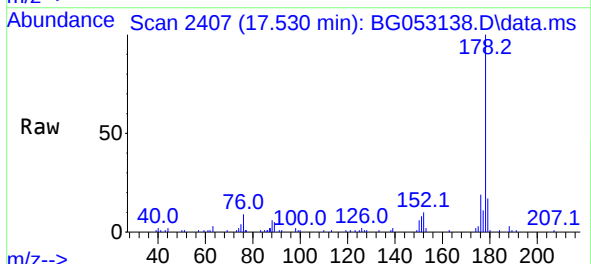
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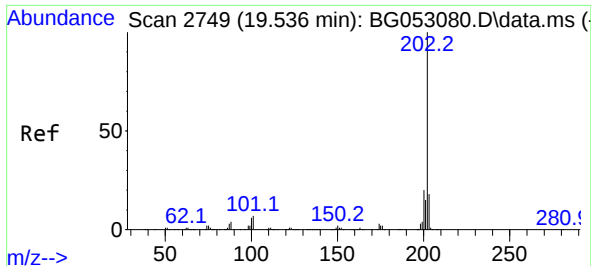
Tgt Ion:188 Resp: 231758
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 8.4 7.2 10.8



#71
Phenanthrene
Concen: 2.575 ng
RT: 17.530 min Scan# 2407
Delta R.T. -0.003 min
Lab File: BG053138.D
Acq: 13 Apr 2022 14:48

Tgt Ion:178 Resp: 32598
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 17.0 13.4 20.2

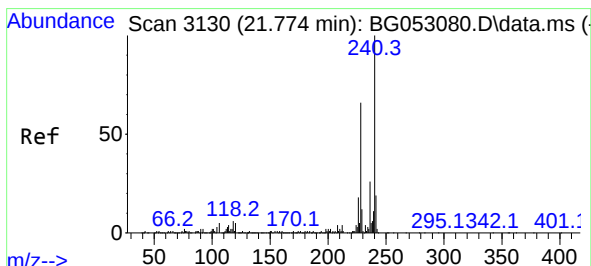
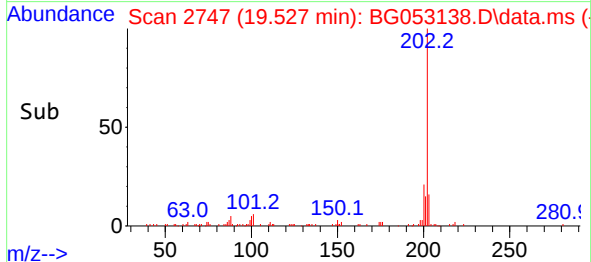
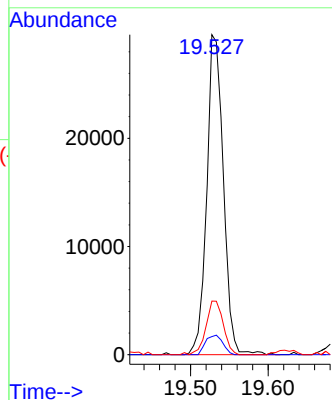
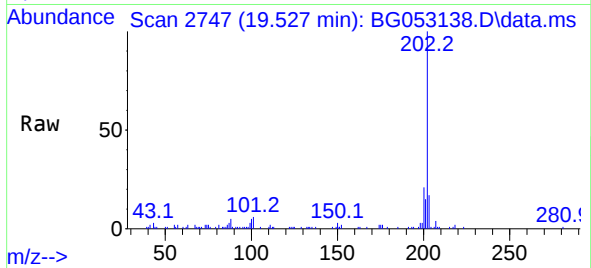




#75
Fluoranthene
Concen: 2.710 ng
RT: 19.527 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053138.D
Acq: 13 Apr 2022 14:48

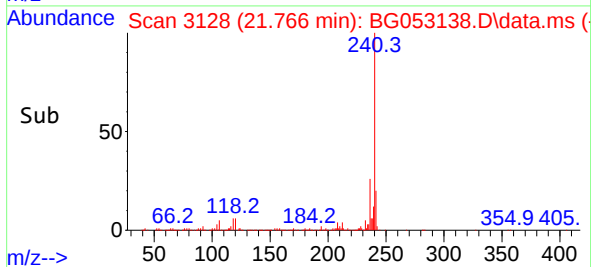
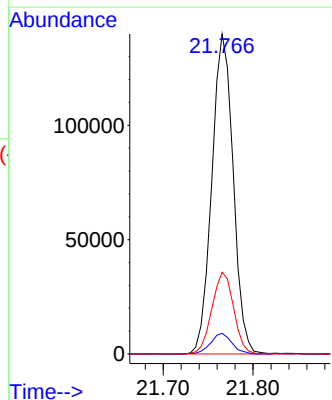
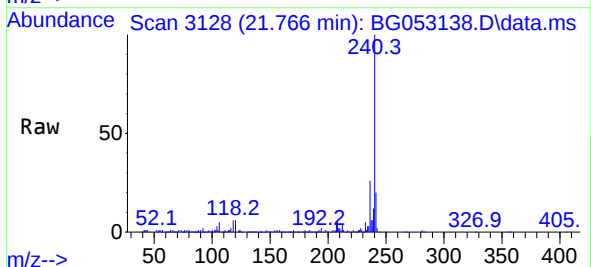
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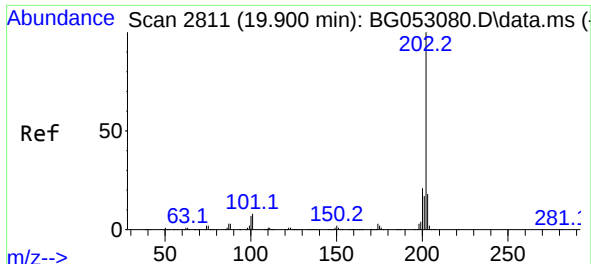
Tgt Ion:202 Resp: 43973
Ion Ratio Lower Upper
202 100
101 5.7 0.0 27.3
203 16.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.766 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BG053138.D
Acq: 13 Apr 2022 14:48

Tgt Ion:240 Resp: 231111
Ion Ratio Lower Upper
240 100
120 6.5 5.4 8.0
236 25.5 19.8 29.6

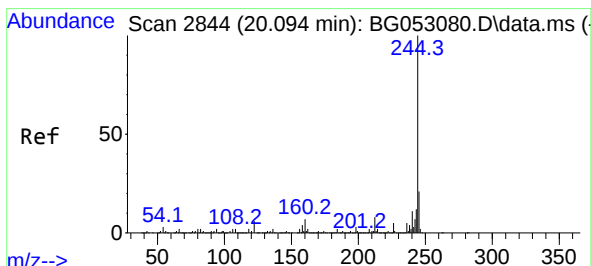
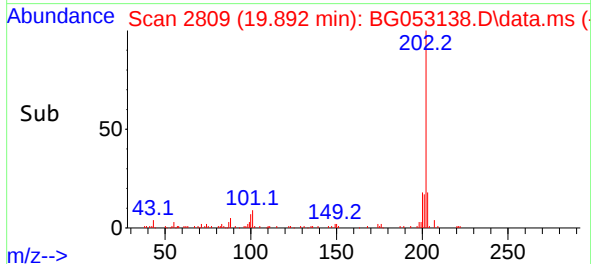
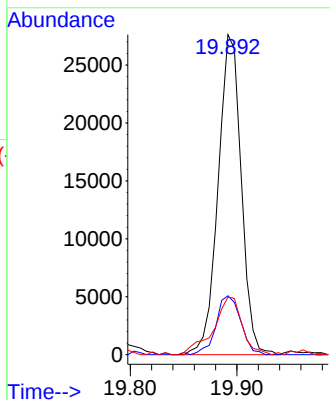
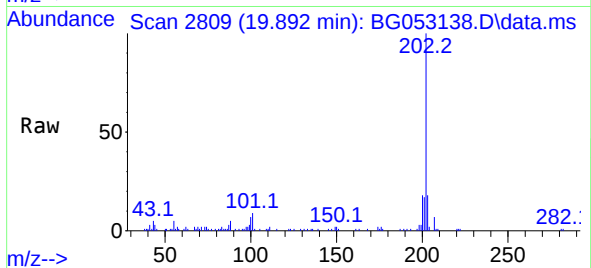




#78
Pyrene
Concen: 2.524 ng
RT: 19.892 min Scan# 2809
Delta R.T. -0.008 min
Lab File: BG053138.D
Acq: 13 Apr 2022 14:48

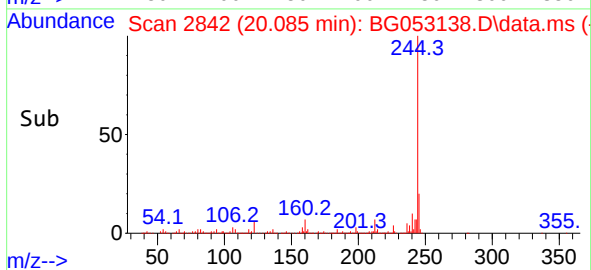
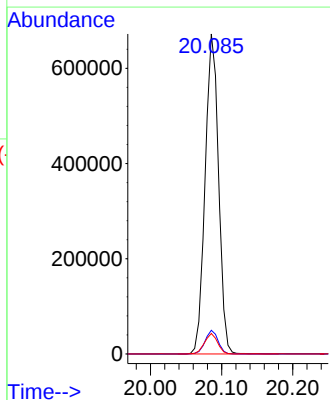
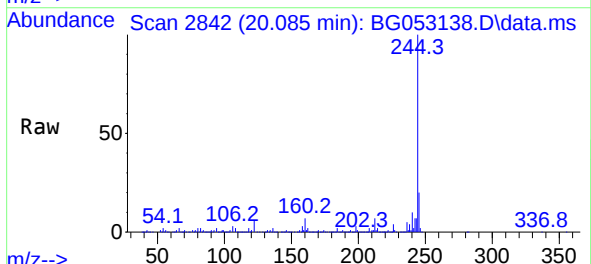
Instrument :
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E14ST-EB3-041122-5-10

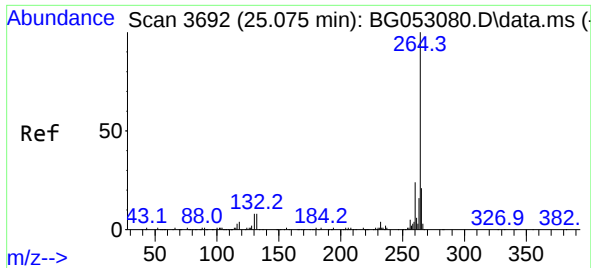
Tgt Ion:202 Resp: 41544
Ion Ratio Lower Upper
202 100
200 18.4 17.0 25.6
203 18.0 15.0 22.6



#79
Terphenyl-d14
Concen: 64.621 ng
RT: 20.085 min Scan# 2842
Delta R.T. -0.008 min
Lab File: BG053138.D
Acq: 13 Apr 2022 14:48

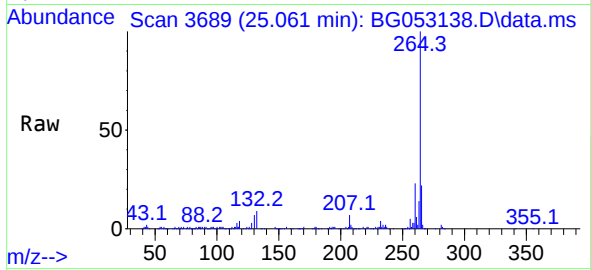
Tgt Ion:244 Resp: 884277
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 6.4 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.061 min Scan# 30
Delta R.T. -0.014 min
Lab File: BG053138.D
Acq: 13 Apr 2022 14:48

Instrument :
BNA_G
ClientSampleId :
E14ST-EB3-041122-5-10



Tgt Ion:264 Resp: 239078
Ion Ratio Lower Upper
264 100
260 23.0 18.2 27.2
265 21.6 15.1 22.7

