

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041522\
 Data File : BG053173.D
 Acq On : 15 Apr 2022 20:36
 Operator : CG/JU
 Sample : N2394-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CS-3-SOIL-PILE

Quant Time: Apr 18 03:18:12 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	8.117	152	29080	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	107222	20.000	ng	0.00
39) Acenaphthene-d10	14.737	164	78776	20.000	ng	-0.01
64) Phenanthrene-d10	17.480	188	205839	20.000	ng	-0.01
76) Chrysene-d12	21.763	240	239845	20.000	ng	-0.01
86) Perylene-d12	25.058	264	239410	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	214208	126.269	ng	0.00
7) Phenol-d6	7.277	99	286745	109.609	ng	0.00
23) Nitrobenzene-d5	9.280	82	241271	91.366	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	179674	143.361	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	510900	89.429	ng	0.00
79) Terphenyl-d14	20.089	244	1261271	88.814	ng	0.00

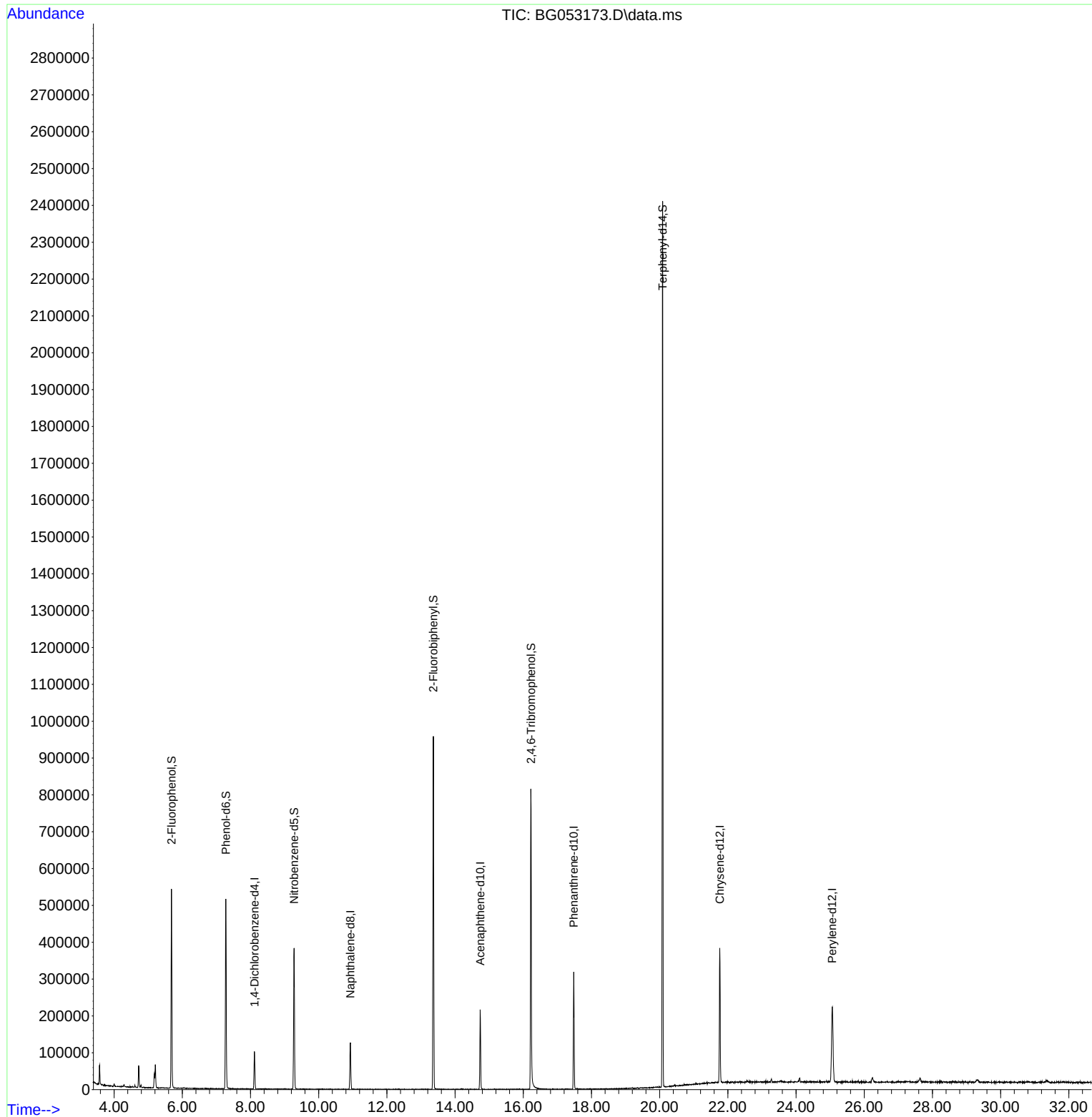
Target Compounds	Qvalue

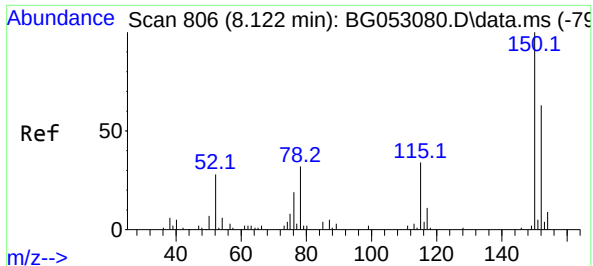
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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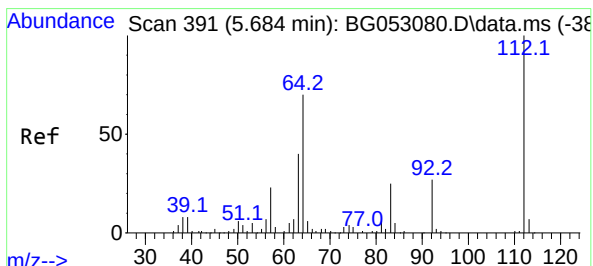
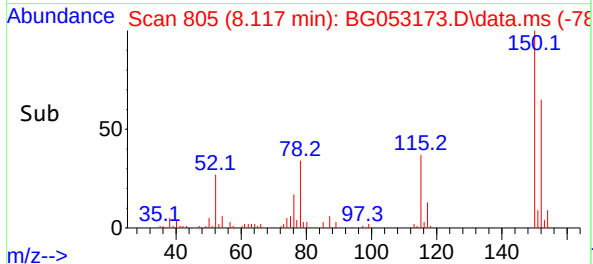
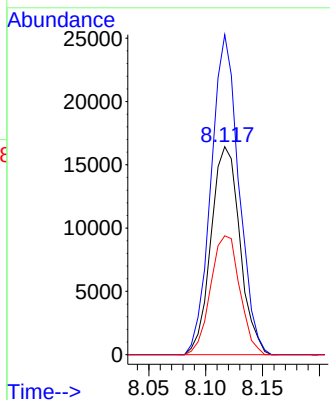
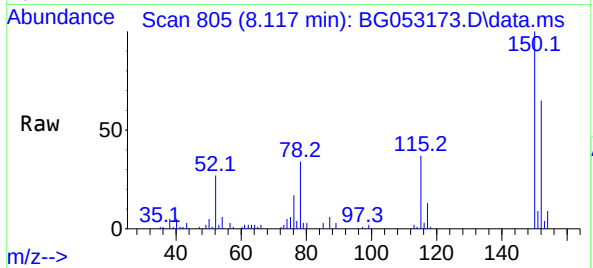




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.117 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG053173.D
Acq: 15 Apr 2022 20:36

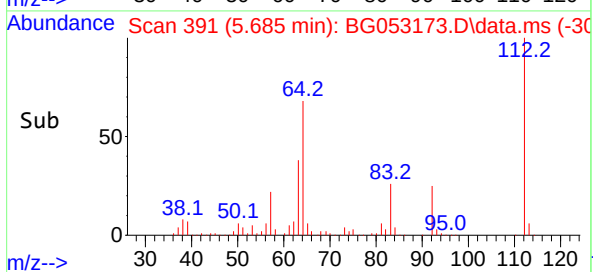
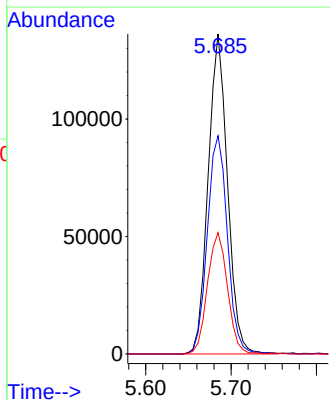
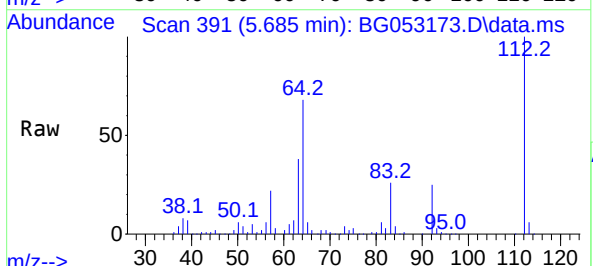
Instrument :
BNA_G
ClientSampleId :
CS-3-SOIL-PILE

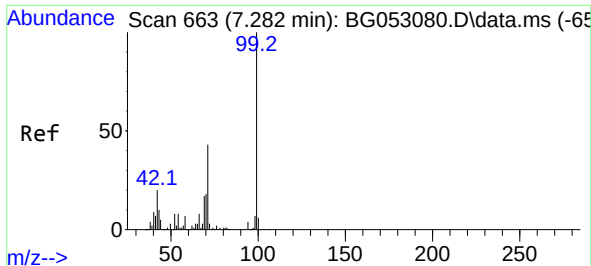
Tgt Ion:152 Resp: 29080
Ion Ratio Lower Upper
152 100
150 153.8 114.6 172.0
115 57.2 45.9 68.9



#5
2-Fluorophenol
Concen: 126.269 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053173.D
Acq: 15 Apr 2022 20:36

Tgt Ion:112 Resp: 214208
Ion Ratio Lower Upper
112 100
64 68.2 48.0 72.0
63 37.9 26.5 39.7

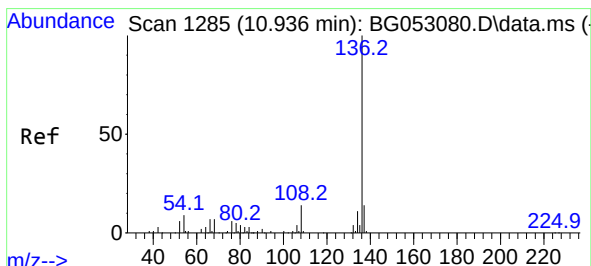
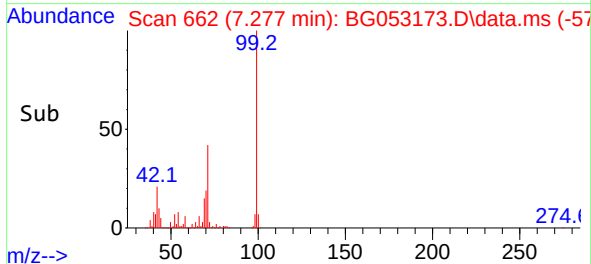
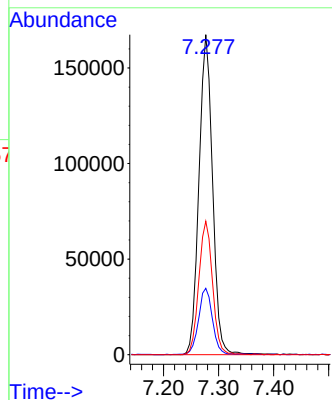
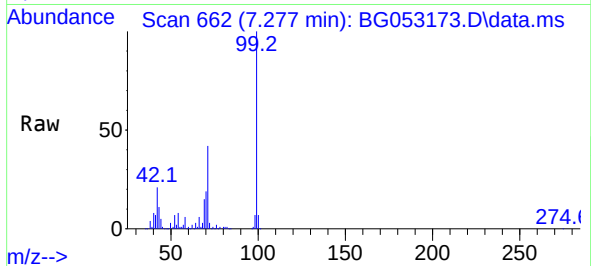




#7
Phenol-d6
Concen: 109.609 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053173.D
Acq: 15 Apr 2022 20:36

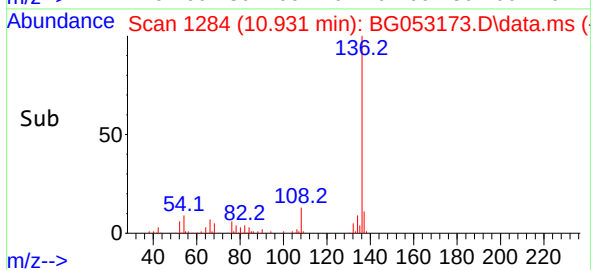
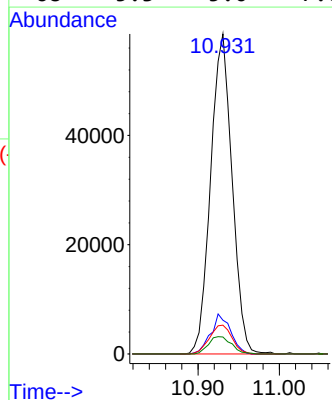
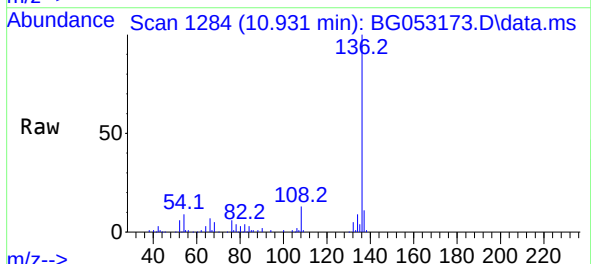
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BNA_G
ClientSampleId :
CS-3-SOIL-PILE

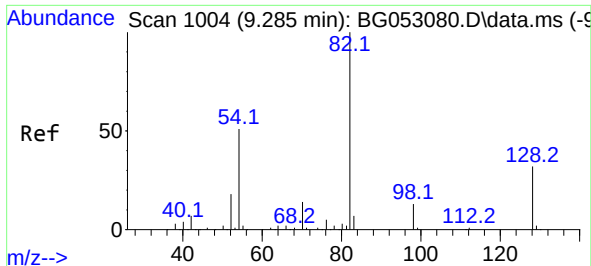
Tgt Ion: 99 Resp: 286745
Ion Ratio Lower Upper
99 100
42 20.7 14.7 22.1
71 41.7 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 1284
Delta R.T. -0.005 min
Lab File: BG053173.D
Acq: 15 Apr 2022 20:36

Tgt Ion: 136 Resp: 107222
Ion Ratio Lower Upper
136 100
137 10.5 9.4 14.2
54 9.0 6.4 9.6
68 5.3 5.0 7.6

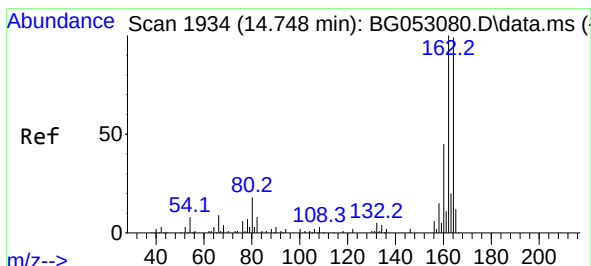
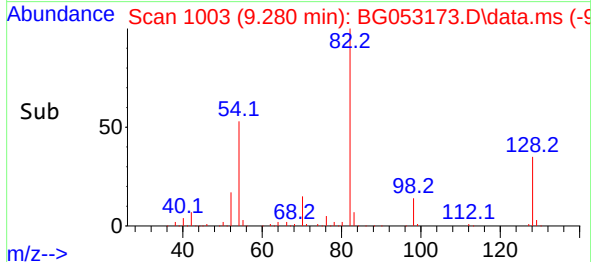
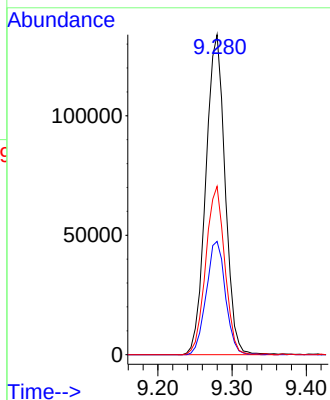
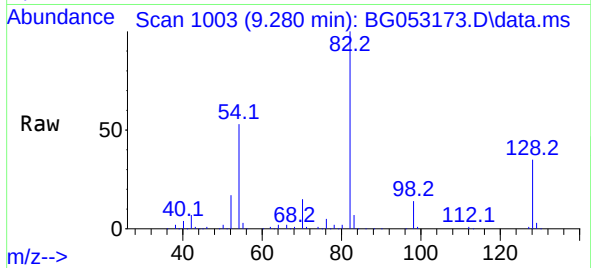




#23
Nitrobenzene-d5
Concen: 91.366 ng
RT: 9.280 min Scan# 10
Delta R.T. -0.005 min
Lab File: BG053173.D
Acq: 15 Apr 2022 20:36

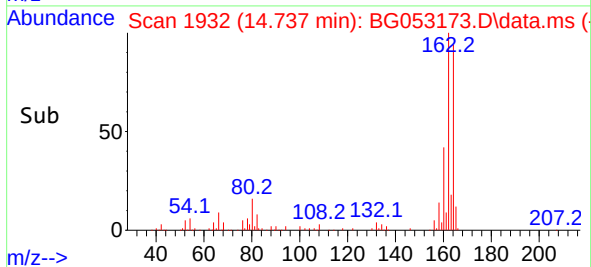
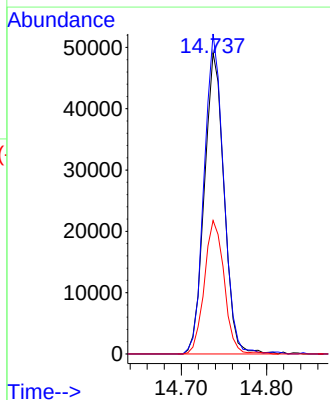
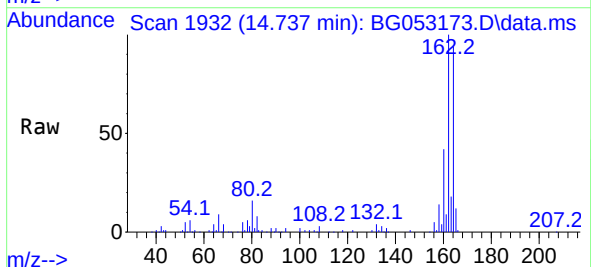
Instrument :
BNA_G
ClientSampleId :
CS-3-SOIL-PILE

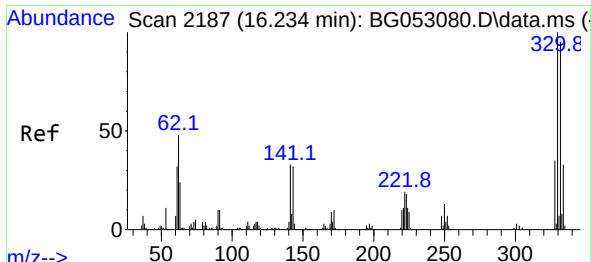
Tgt Ion: 82 Resp: 241271
Ion Ratio Lower Upper
82 100
128 35.4 31.3 46.9
54 52.6 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.737 min Scan# 1932
Delta R.T. -0.011 min
Lab File: BG053173.D
Acq: 15 Apr 2022 20:36

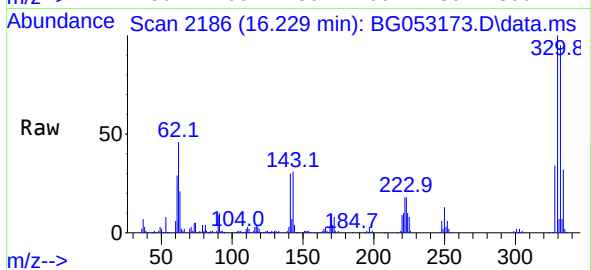
Tgt Ion:164 Resp: 78776
Ion Ratio Lower Upper
164 100
162 106.2 80.0 120.0
160 44.3 38.8 58.2



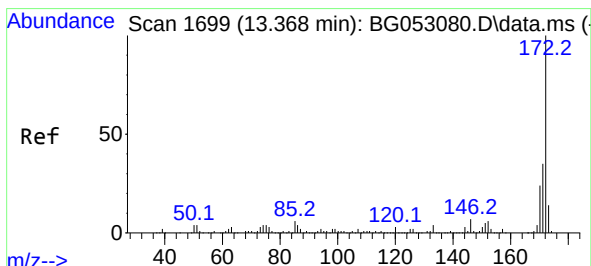
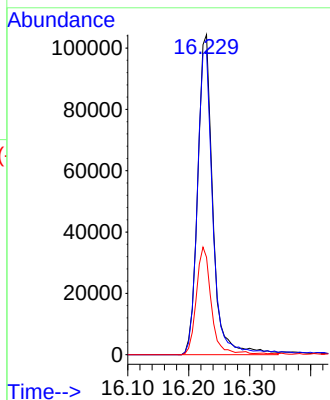
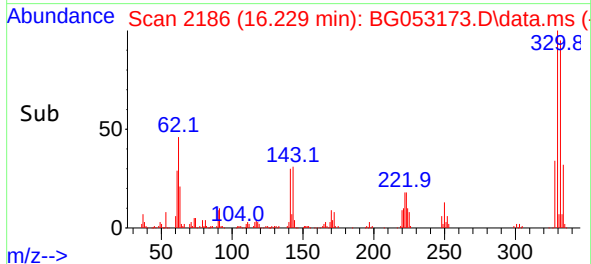


#42
2,4,6-Tribromophenol
Concen: 143.361 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.005 min
Lab File: BG053173.D
Acq: 15 Apr 2022 20:36

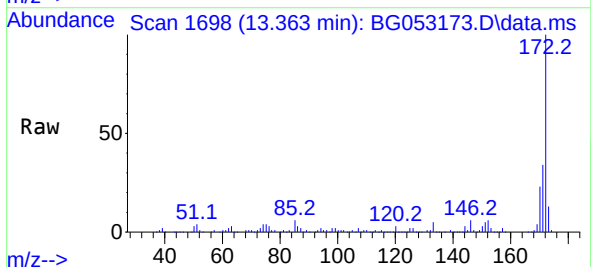
Instrument :
BNA_G
ClientSampleId :
CS-3-SOIL-PILE



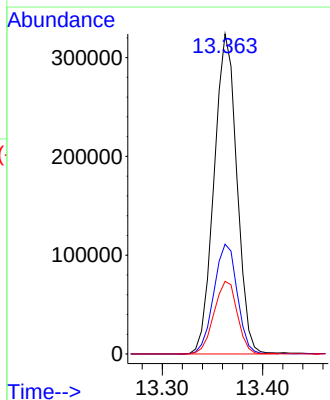
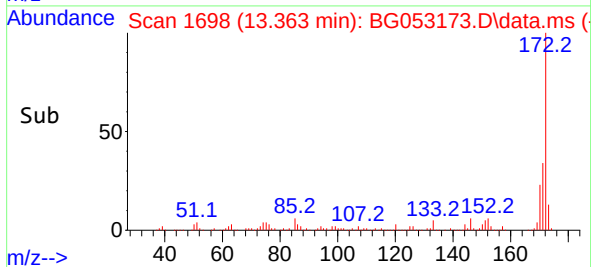
Tgt Ion:330 Resp: 179674
Ion Ratio Lower Upper
330 100
332 97.7 75.8 113.6
141 32.7 24.6 36.8

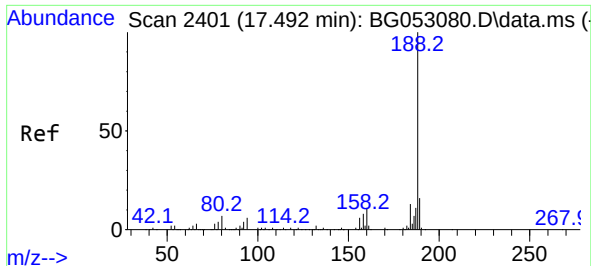


#45
2-Fluorobiphenyl
Concen: 89.429 ng
RT: 13.363 min Scan# 1698
Delta R.T. -0.005 min
Lab File: BG053173.D
Acq: 15 Apr 2022 20:36



Tgt Ion:172 Resp: 510900
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 22.7 18.0 27.0

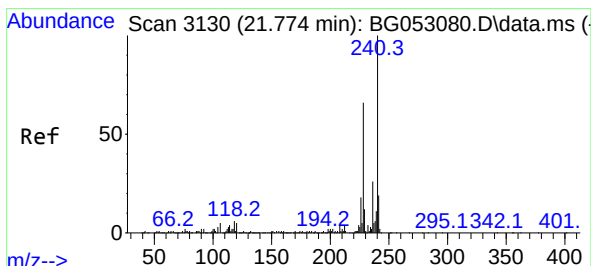
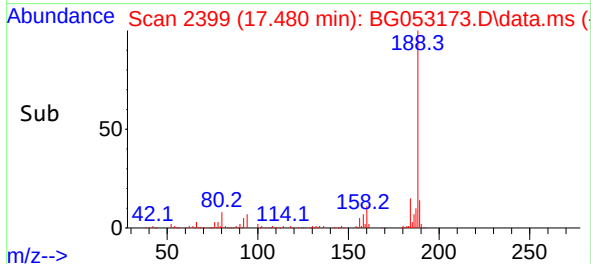
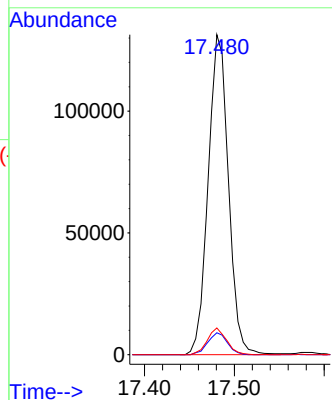
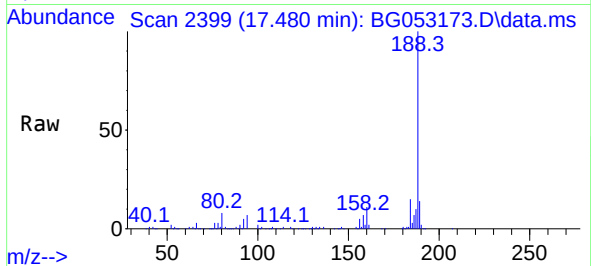




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG053173.D
Acq: 15 Apr 2022 20:36

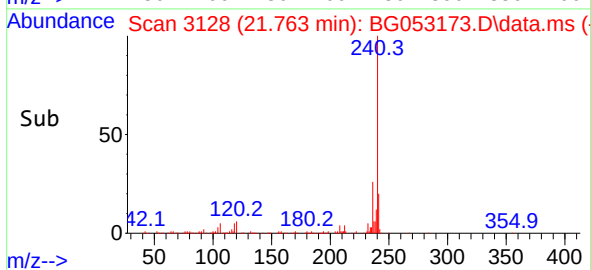
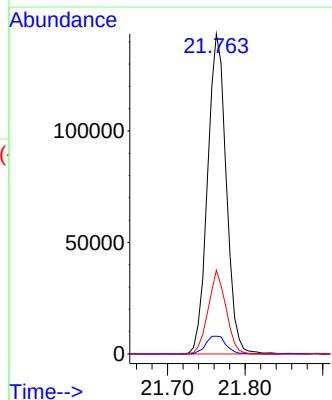
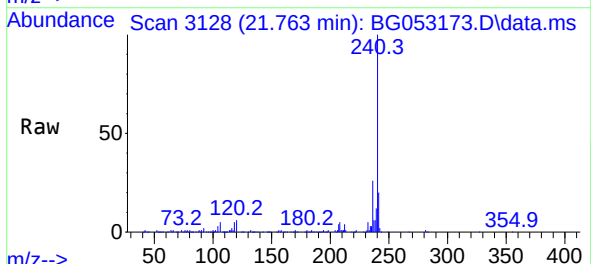
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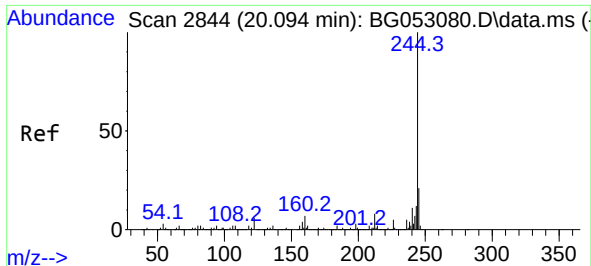
Tgt Ion:188 Resp: 205839
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 8.4 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.763 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BG053173.D
Acq: 15 Apr 2022 20:36

Tgt Ion:240 Resp: 239845
Ion Ratio Lower Upper
240 100
120 5.6 5.4 8.0
236 26.2 19.8 29.6

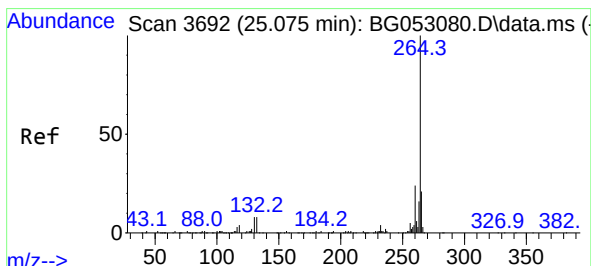
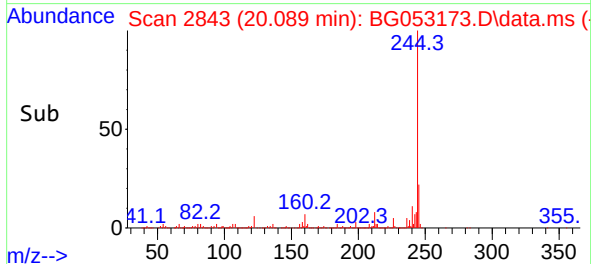
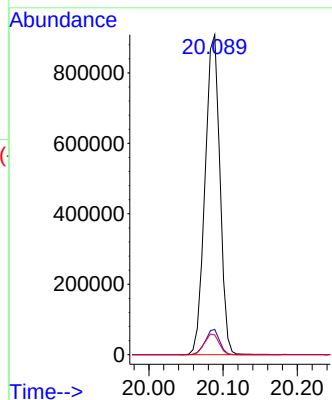
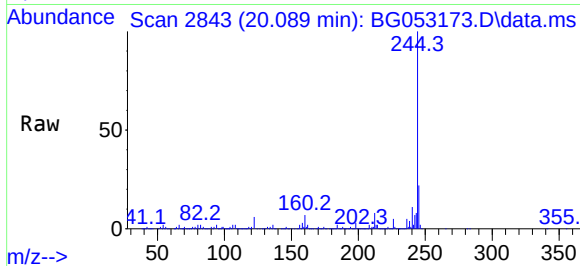




#79
 Terphenyl-d14
 Concen: 88.814 ng
 RT: 20.089 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG053173.D
 Acq: 15 Apr 2022 20:36

Instrument :
 BNA_G
 ClientSampleId :
 CS-3-SOIL-PILE

Tgt Ion:244 Resp: 1261271
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.2 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.058 min Scan# 3689
 Delta R.T. -0.017 min
 Lab File: BG053173.D
 Acq: 15 Apr 2022 20:36

Tgt Ion:264 Resp: 239410
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.2
 265 20.5 15.1 22.7

