

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051046.D
 Acq On : 15 Nov 2021 18:02
 Operator : CG/JU
 Sample : M4674-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MF-SOIL-P1

Quant Time: Nov 16 00:40:21 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.224	152	39893	20.000	ng	0.00
21) Naphthalene-d8	11.050	136	174740	20.000	ng	# 0.00
39) Acenaphthene-d10	14.851	164	120658	20.000	ng	0.00
64) Phenanthrene-d10	17.601	188	260526	20.000	ng	# 0.00
76) Chrysene-d12	21.896	240	213428	20.000	ng	# 0.00
86) Perylene-d12	25.309	264	208722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	233598	87.594	ng	0.00
7) Phenol-d6	7.372	99	321636	85.449	ng	0.00
23) Nitrobenzene-d5	9.399	82	218908	55.456	ng	0.00
42) 2,4,6-Tribromophenol	16.343	330	107038	88.647	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	435096	56.976	ng	0.00
79) Terphenyl-d14	20.186	244	588626	50.465	ng	0.00

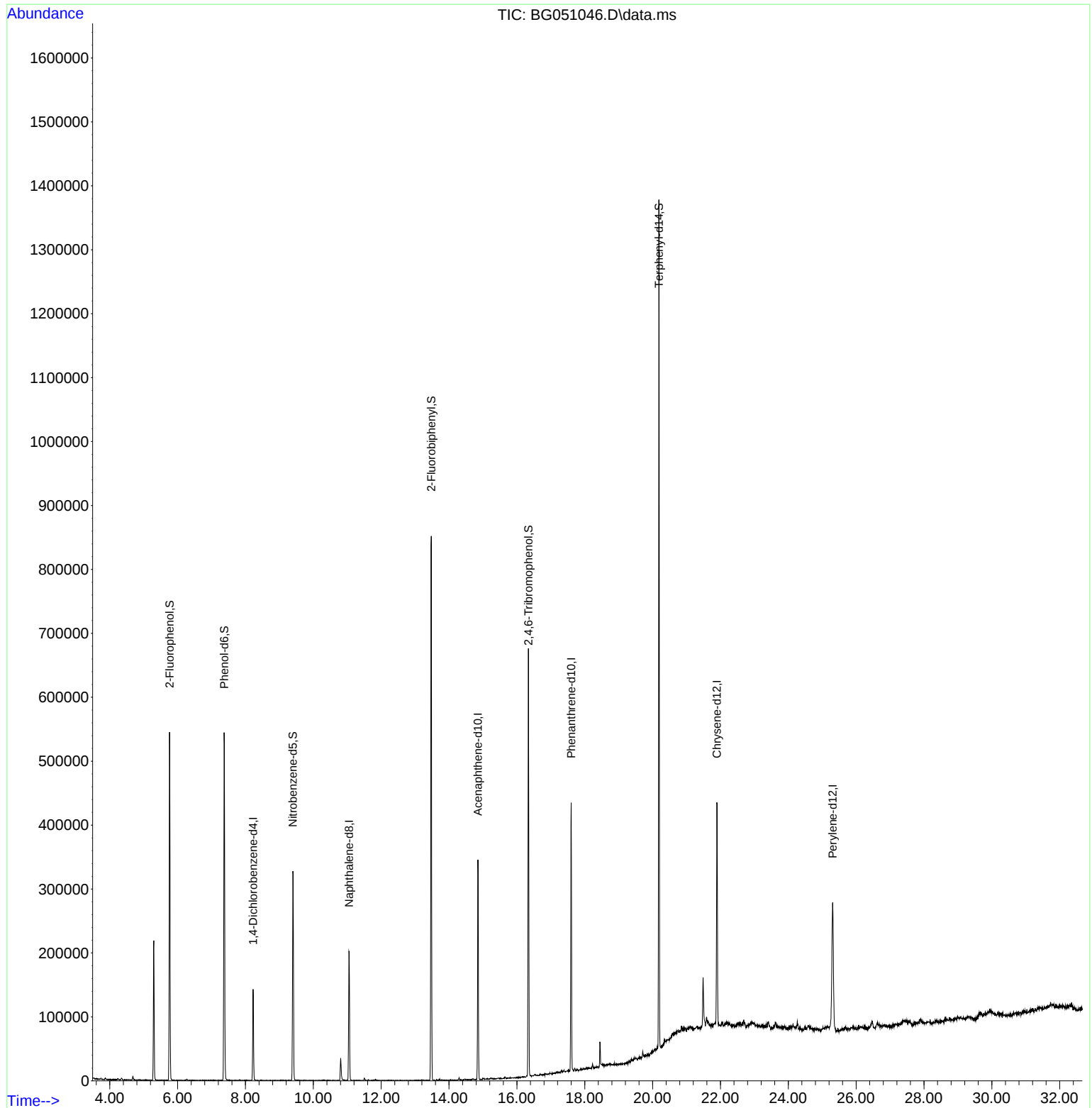
Target Compounds	Qvalue

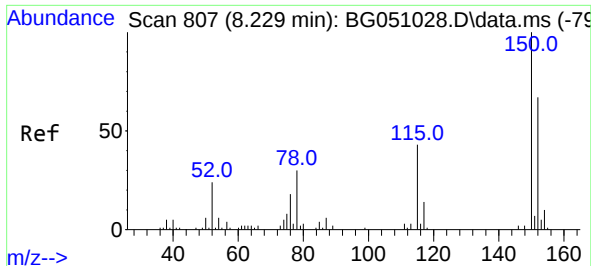
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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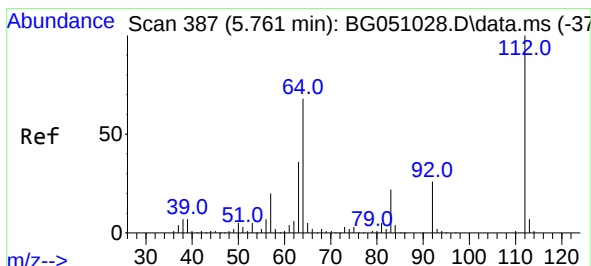
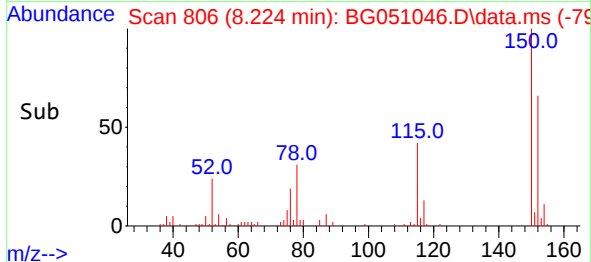
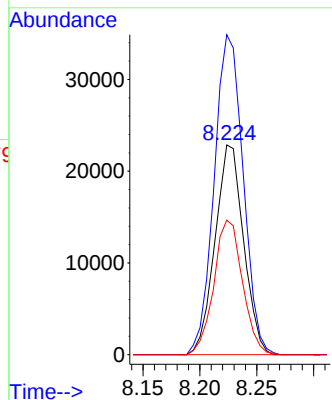
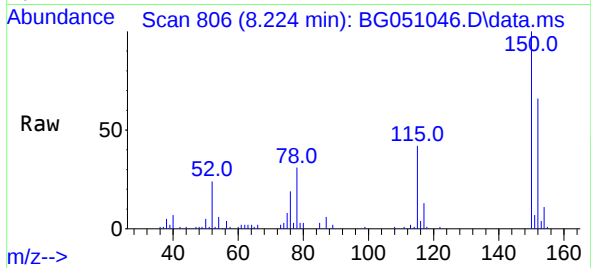




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.224 min Scan# 807
Delta R.T. -0.005 min
Lab File: BG051046.D
Acq: 15 Nov 2021 18:02

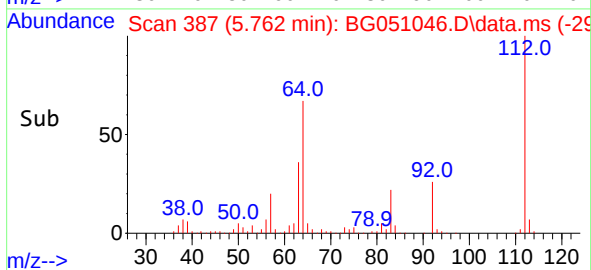
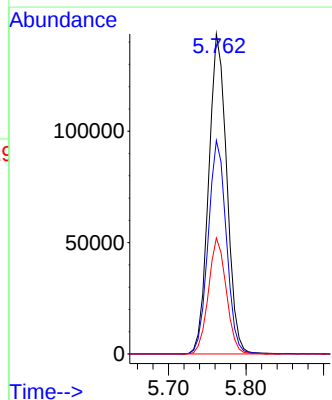
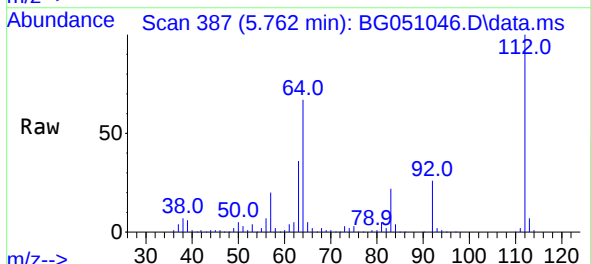
Instrument :
BNA_G
ClientSampleId :
MF-SOIL-P1

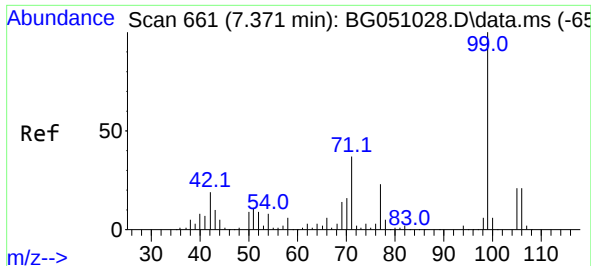
Tgt Ion:152 Resp: 39893
Ion Ratio Lower Upper
152 100
150 152.5 119.4 179.0
115 64.1 60.2 90.4



#5
2-Fluorophenol
Concen: 87.594 ng
RT: 5.762 min Scan# 387
Delta R.T. 0.001 min
Lab File: BG051046.D
Acq: 15 Nov 2021 18:02

Tgt Ion:112 Resp: 233598
Ion Ratio Lower Upper
112 100
64 66.7 46.7 70.1
63 36.3 35.3 52.9

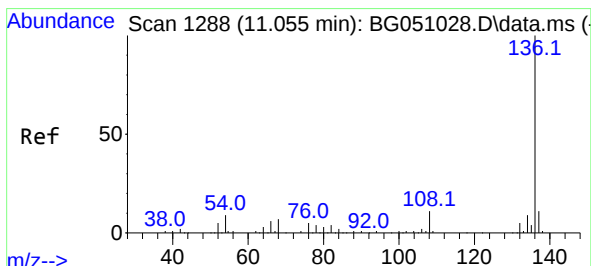
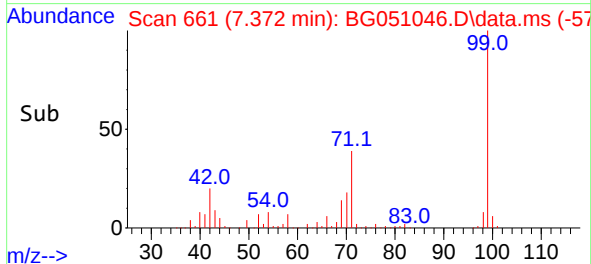
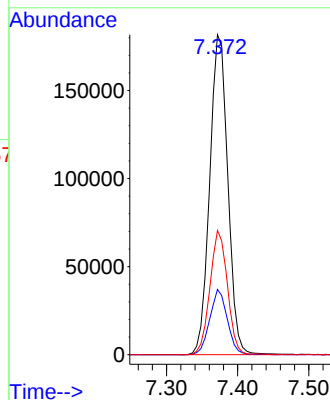
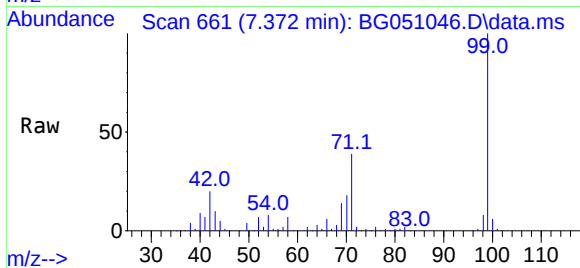




#7
Phenol-d6
Concen: 85.449 ng
RT: 7.372 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG051046.D
Acq: 15 Nov 2021 18:02

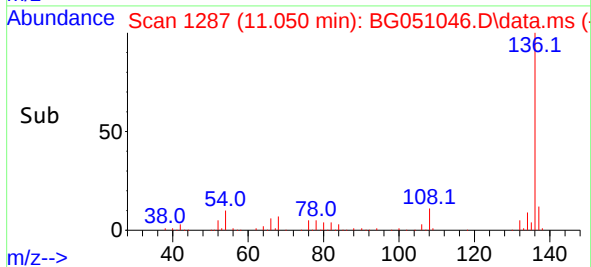
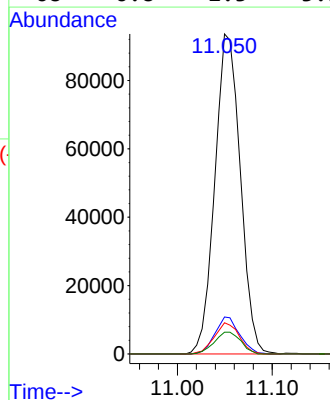
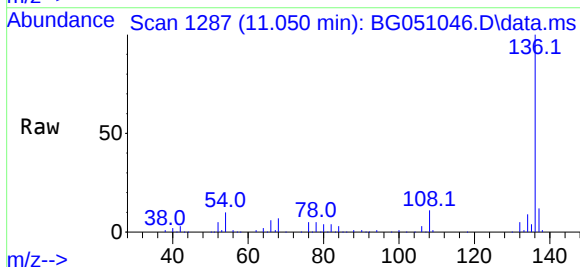
Instrument :
BNA_G
ClientSampleId :
MF-SOIL-P1

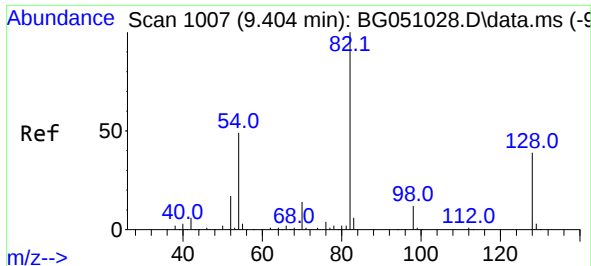
Tgt Ion: 99 Resp: 321636
Ion Ratio Lower Upper
99 100
42 20.4 20.5 30.7#
71 38.9 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.050 min Scan# 1287
Delta R.T. -0.005 min
Lab File: BG051046.D
Acq: 15 Nov 2021 18:02

Tgt Ion: 136 Resp: 174740
Ion Ratio Lower Upper
136 100
137 11.5 8.2 12.2
54 9.7 5.5 8.3#
68 6.8 2.3 3.5#

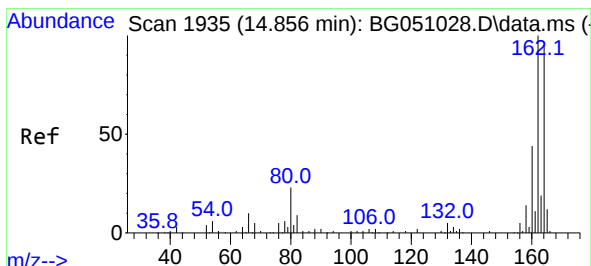
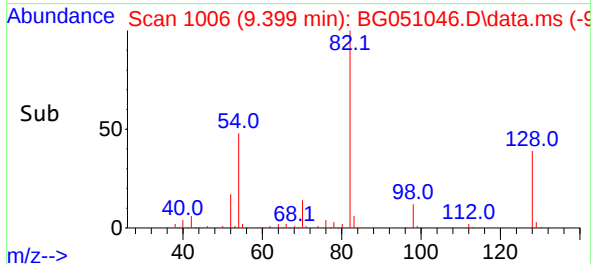
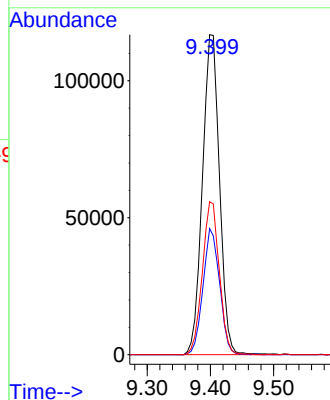
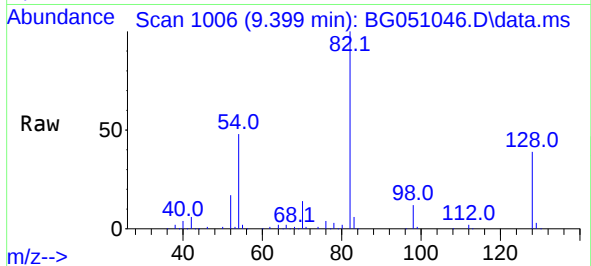




#23
Nitrobenzene-d5
Concen: 55.456 ng
RT: 9.399 min Scan# 1006
Delta R.T. -0.005 min
Lab File: BG051046.D
Acq: 15 Nov 2021 18:02

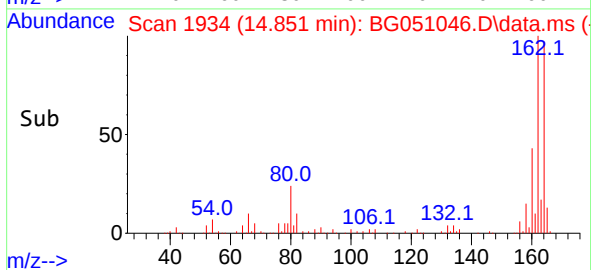
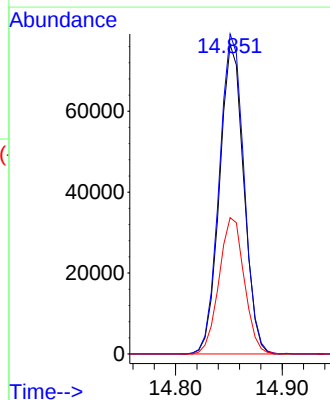
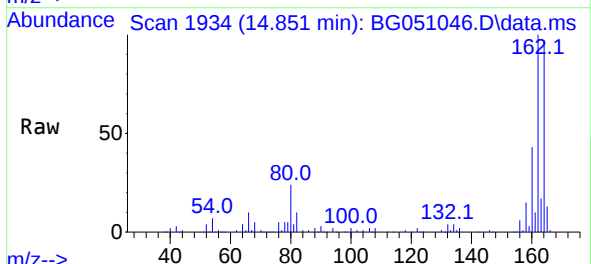
Instrument :
BNA_G
ClientSampleId :
MF-SOIL-P1

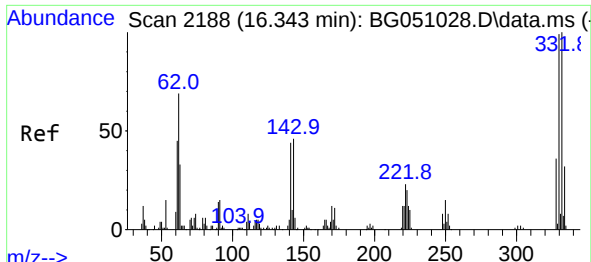
Tgt Ion: 82 Resp: 218908
Ion Ratio Lower Upper
82 100
128 39.4 29.8 44.6
54 47.8 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.851 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BG051046.D
Acq: 15 Nov 2021 18:02

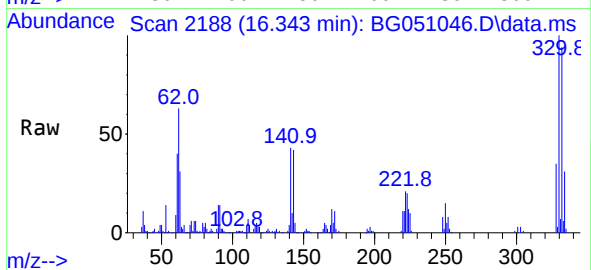
Tgt Ion:164 Resp: 120658
Ion Ratio Lower Upper
164 100
162 103.4 81.4 122.0
160 44.1 34.9 52.3



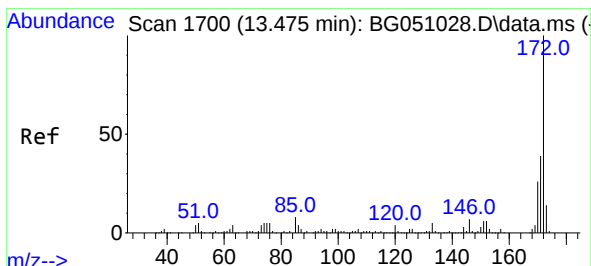
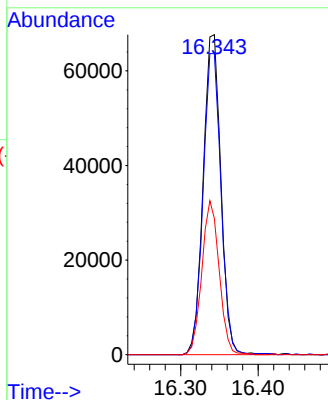
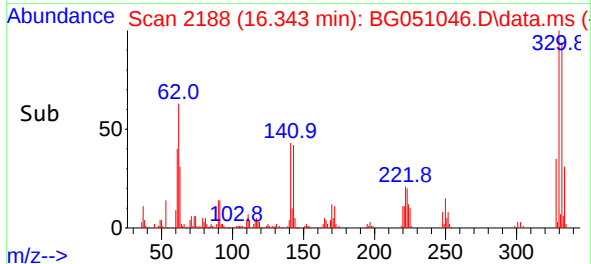


#42
2,4,6-Tribromophenol
Concen: 88.647 ng
RT: 16.343 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BG051046.D
Acq: 15 Nov 2021 18:02

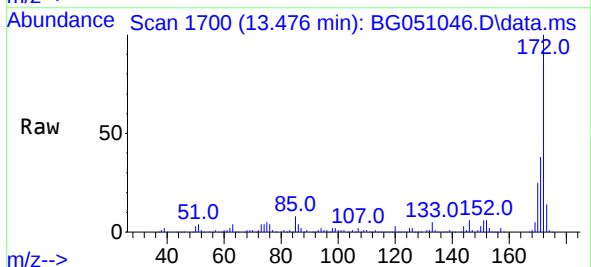
Instrument :
BNA_G
ClientSampleId :
MF-SOIL-P1



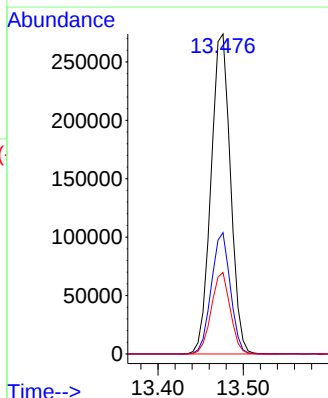
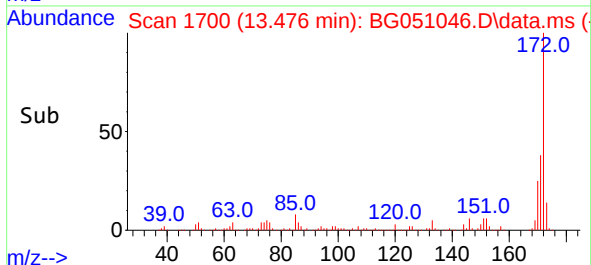
Tgt Ion:330 Resp: 107038
Ion Ratio Lower Upper
330 100
332 94.8 77.3 115.9
141 47.2 35.6 53.4

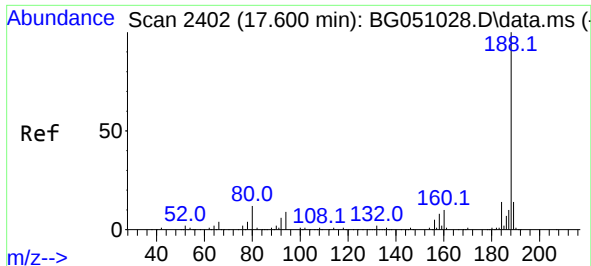


#45
2-Fluorobiphenyl
Concen: 56.976 ng
RT: 13.476 min Scan# 1700
Delta R.T. 0.001 min
Lab File: BG051046.D
Acq: 15 Nov 2021 18:02



Tgt Ion:172 Resp: 435096
Ion Ratio Lower Upper
172 100
171 37.9 28.6 43.0
170 25.5 18.6 27.8

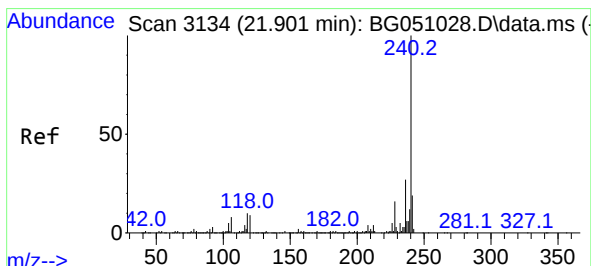
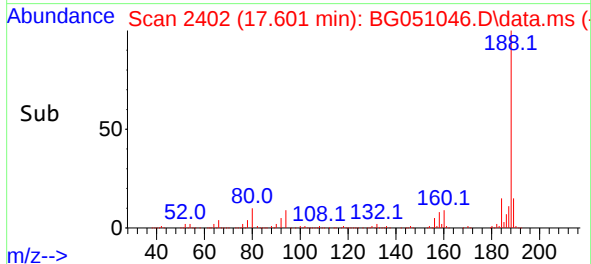
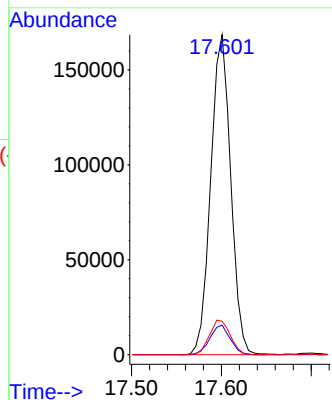
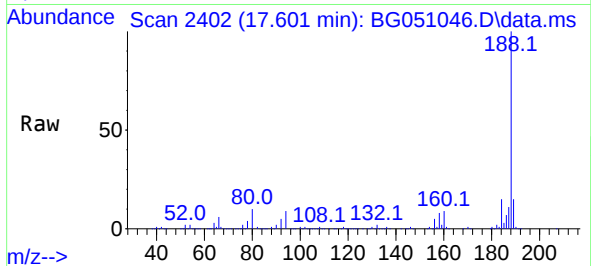




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.601 min Scan# 2402
Delta R.T. 0.001 min
Lab File: BG051046.D
Acq: 15 Nov 2021 18:02

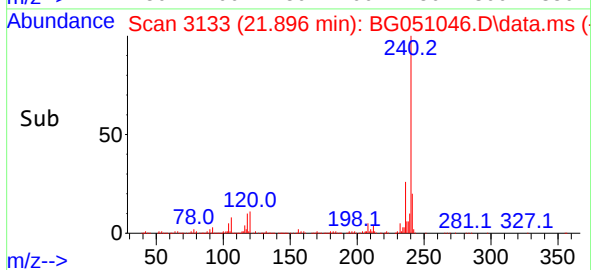
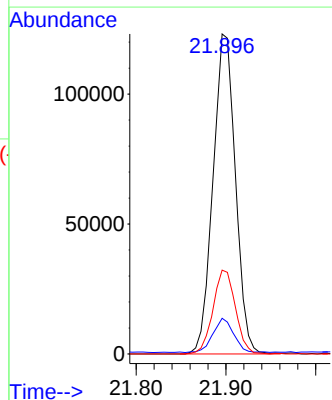
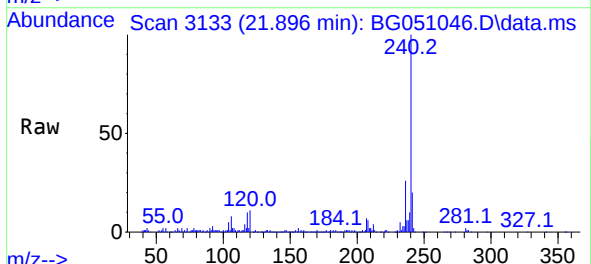
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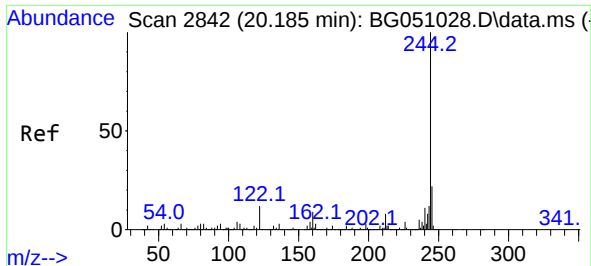
Tgt Ion:188 Resp: 260526
Ion Ratio Lower Upper
188 100
94 9.2 5.4 8.0#
80 10.4 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.896 min Scan# 3133
Delta R.T. -0.005 min
Lab File: BG051046.D
Acq: 15 Nov 2021 18:02

Tgt Ion:240 Resp: 213428
Ion Ratio Lower Upper
240 100
120 11.2 4.2 6.2#
236 26.2 21.8 32.6

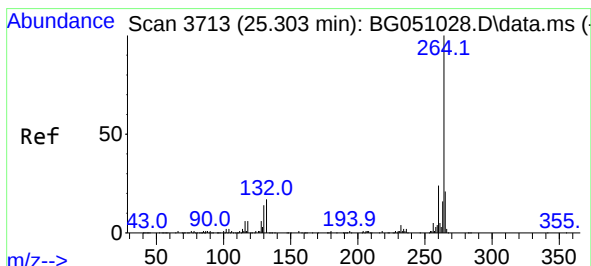
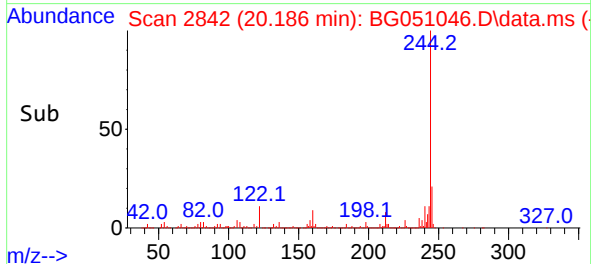
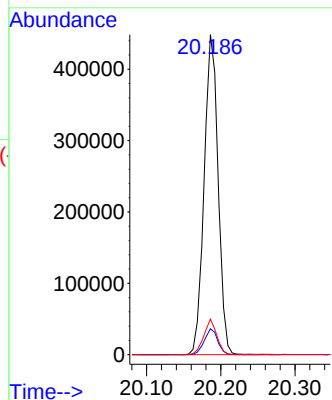
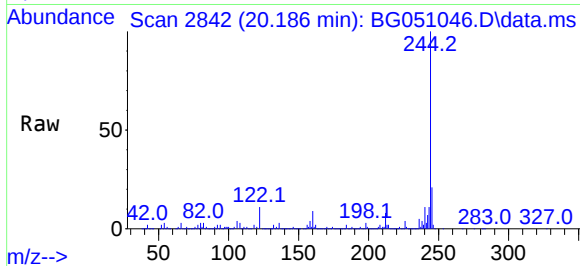




#79
 Terphenyl-d14
 Concen: 50.465 ng
 RT: 20.186 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG051046.D
 Acq: 15 Nov 2021 18:02

Instrument :
 BNA_G
 ClientSampleId :
 MF-SOIL-P1

Tgt Ion:244 Resp: 588626
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 11.2 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.309 min Scan# 3714
 Delta R.T. 0.007 min
 Lab File: BG051046.D
 Acq: 15 Nov 2021 18:02

Tgt Ion:264 Resp: 208722
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.4 29.2
 265 23.0 16.9 25.3

