

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051047.D
 Acq On : 15 Nov 2021 18:43
 Operator : CG/JU
 Sample : M4674-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MF-SOIL-P2

Quant Time: Nov 16 00:40:36 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	8.223	152	38200	20.000	ng	0.00
21) Naphthalene-d8	11.055	136	168361	20.000	ng	# 0.00
39) Acenaphthene-d10	14.851	164	117592	20.000	ng	0.00
64) Phenanthrene-d10	17.601	188	263904	20.000	ng	# 0.00
76) Chrysene-d12	21.896	240	207562	20.000	ng	# 0.00
86) Perylene-d12	25.303	264	203864	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	365812	143.251	ng	0.00
7) Phenol-d6	7.377	99	503170	139.601	ng	0.00
23) Nitrobenzene-d5	9.398	82	343766	90.385	ng	0.00
42) 2,4,6-Tribromophenol	16.343	330	171942	146.113	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	665822	89.464	ng	0.00
79) Terphenyl-d14	20.186	244	901192	79.445	ng	0.00

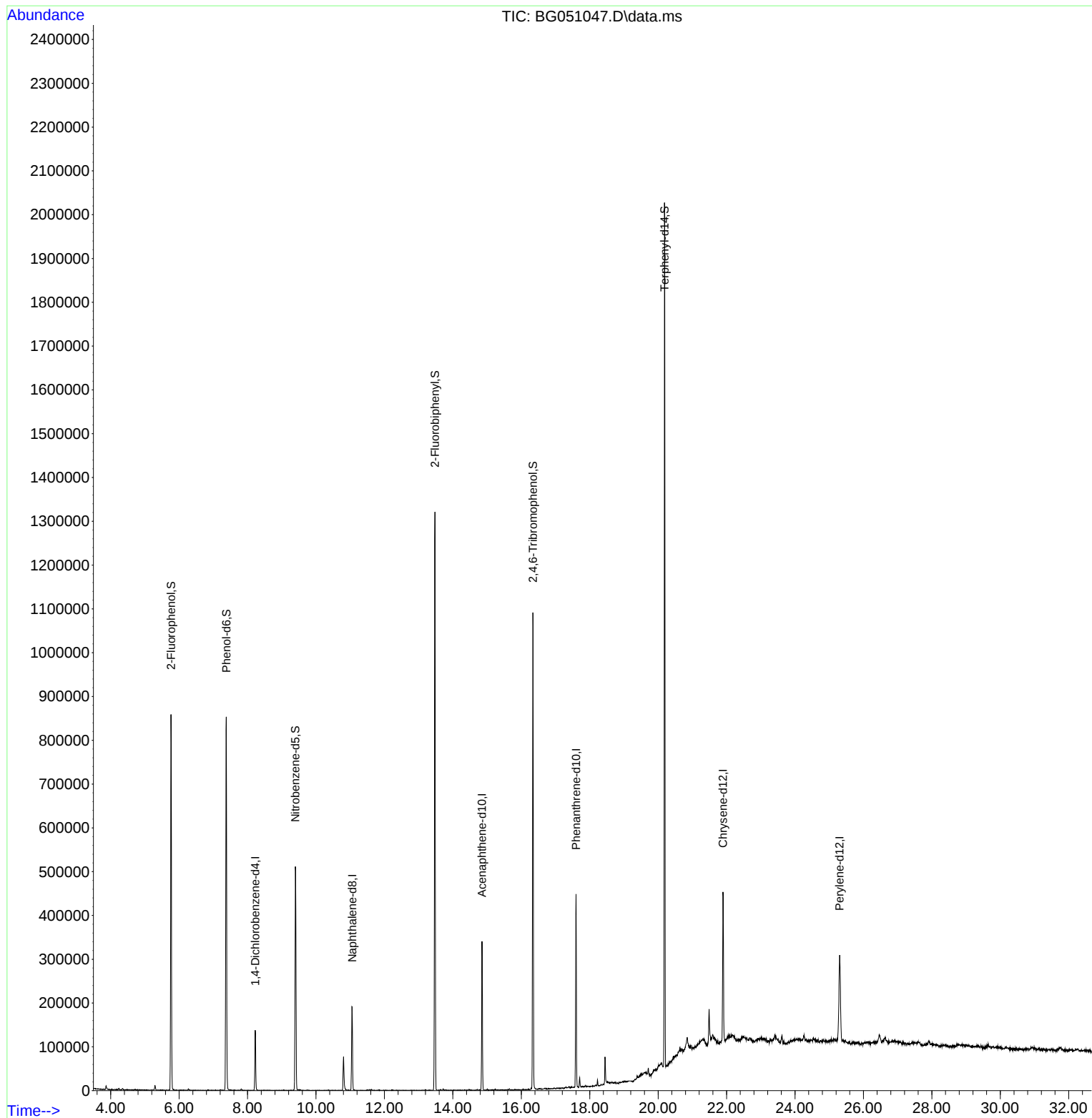
Target Compounds	Qvalue

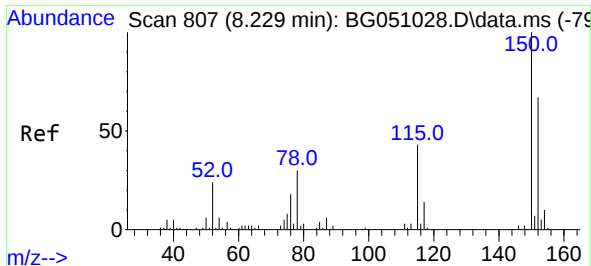
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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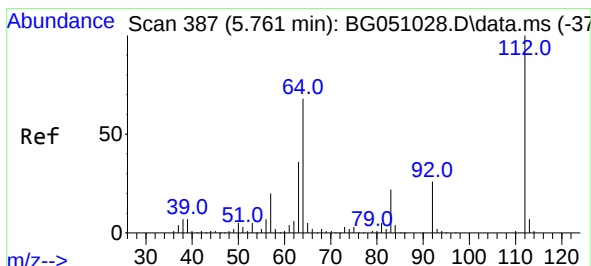
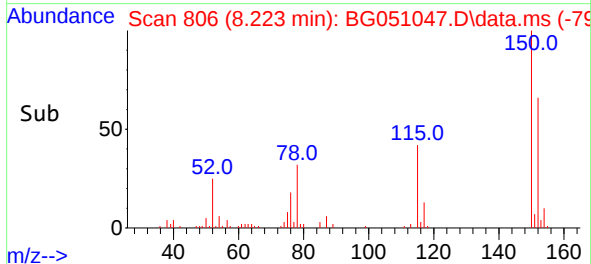
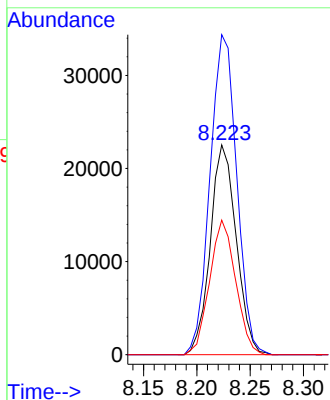
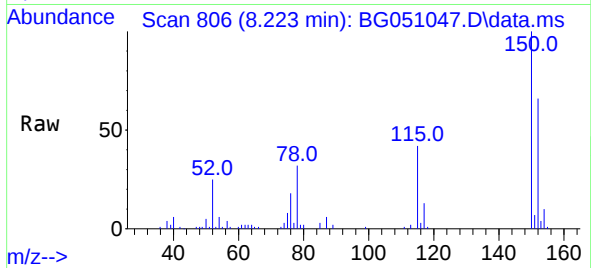




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 807
Delta R.T. -0.006 min
Lab File: BG051047.D
Acq: 15 Nov 2021 18:43

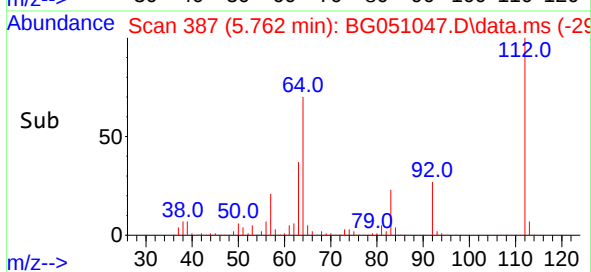
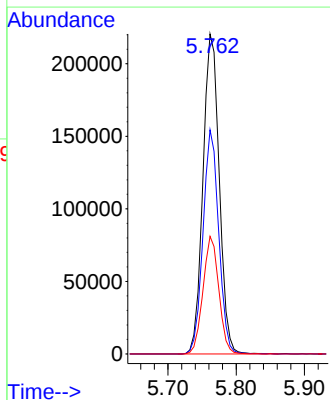
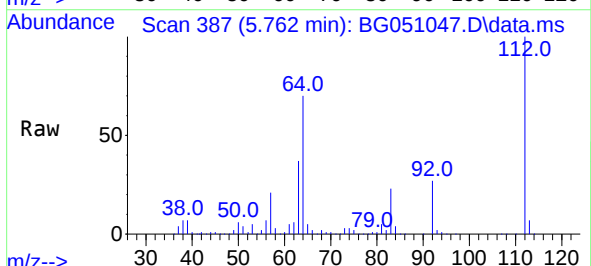
Instrument :
BNA_G
ClientSampleId :
MF-SOIL-P2

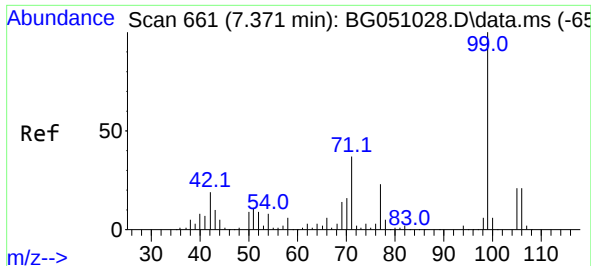
Tgt Ion:152 Resp: 38200
Ion Ratio Lower Upper
152 100
150 152.6 119.4 179.0
115 64.2 60.2 90.4



#5
2-Fluorophenol
Concen: 143.251 ng
RT: 5.762 min Scan# 387
Delta R.T. 0.001 min
Lab File: BG051047.D
Acq: 15 Nov 2021 18:43

Tgt Ion:112 Resp: 365812
Ion Ratio Lower Upper
112 100
64 70.1 46.7 70.1
63 36.8 35.3 52.9

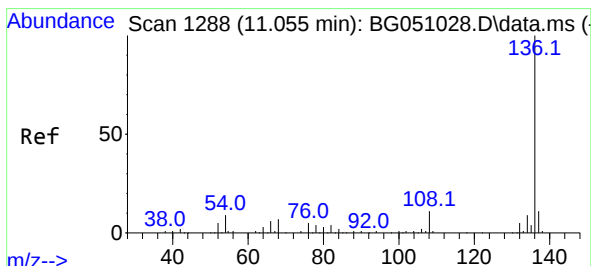
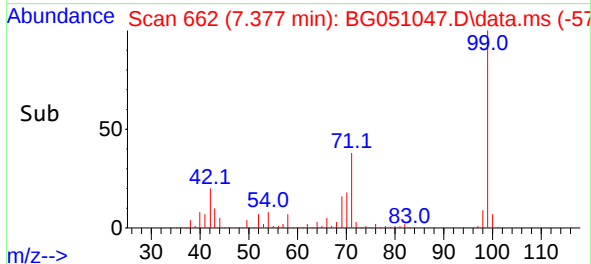
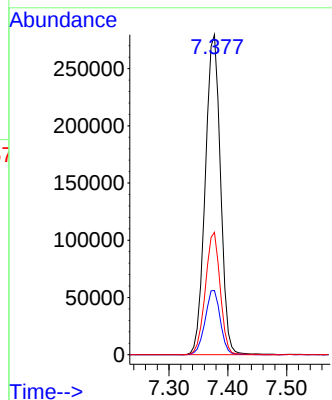
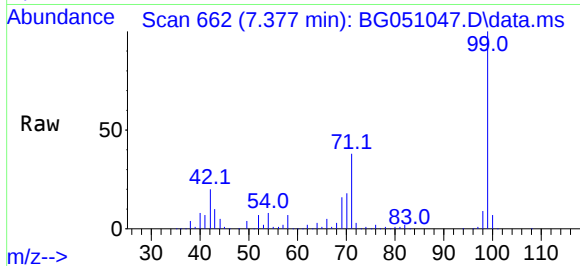




#7
Phenol-d6
Concen: 139.601 ng
RT: 7.377 min Scan# 661
Delta R.T. 0.006 min
Lab File: BG051047.D
Acq: 15 Nov 2021 18:43

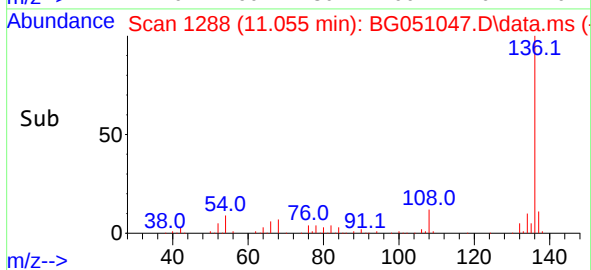
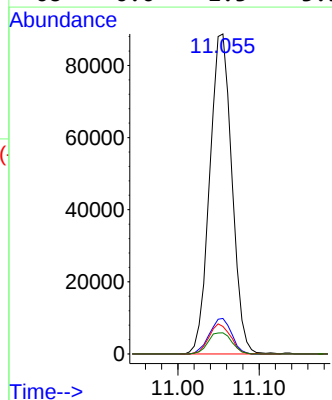
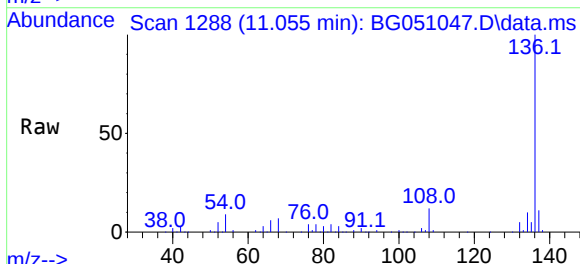
Instrument :
BNA_G
ClientSampleId :
MF-SOIL-P2

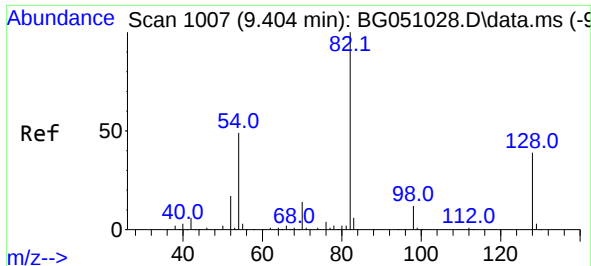
Tgt Ion: 99 Resp: 503170
Ion Ratio Lower Upper
99 100
42 20.1 20.5 30.7#
71 38.2 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.055 min Scan# 1288
Delta R.T. 0.001 min
Lab File: BG051047.D
Acq: 15 Nov 2021 18:43

Tgt Ion:136 Resp: 168361
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 8.6 5.5 8.3#
68 6.6 2.3 3.5#

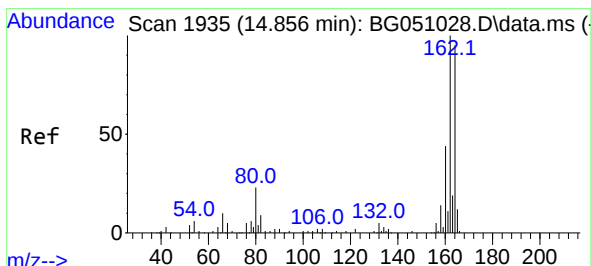
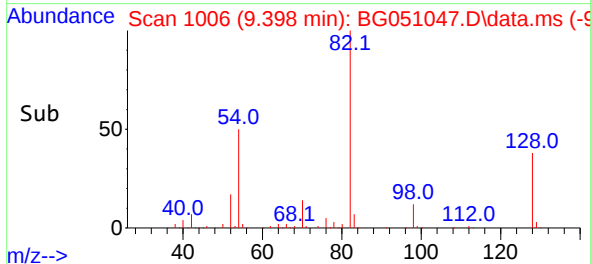
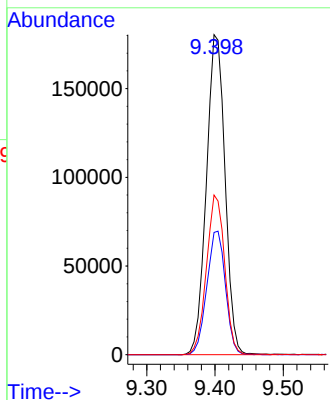
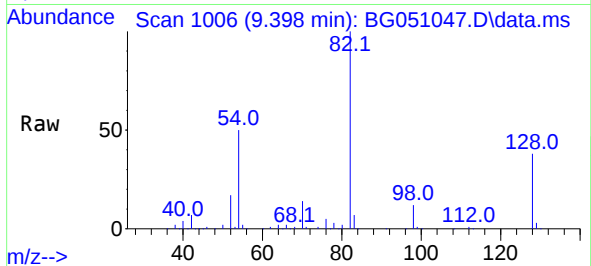




#23
Nitrobenzene-d5
Concen: 90.385 ng
RT: 9.398 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BG051047.D
Acq: 15 Nov 2021 18:43

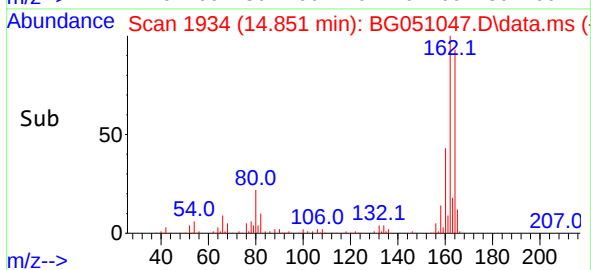
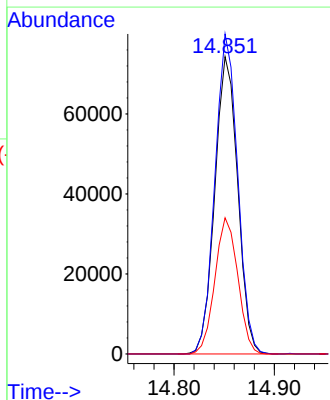
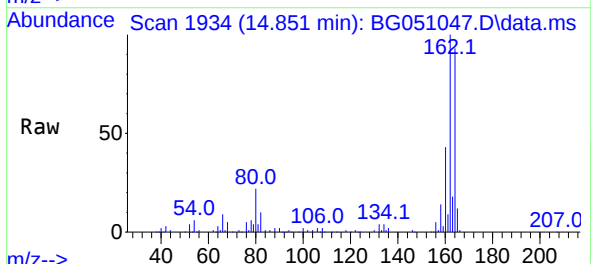
Instrument :
BNA_G
ClientSampleId :
MF-SOIL-P2

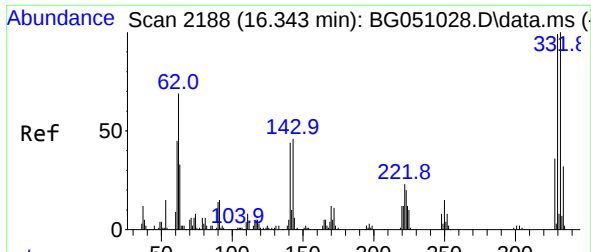
Tgt Ion: 82 Resp: 343766
Ion Ratio Lower Upper
82 100
128 38.2 29.8 44.6
54 49.9 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.851 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BG051047.D
Acq: 15 Nov 2021 18:43

Tgt Ion: 164 Resp: 117592
Ion Ratio Lower Upper
164 100
162 107.6 81.4 122.0
160 45.8 34.9 52.3

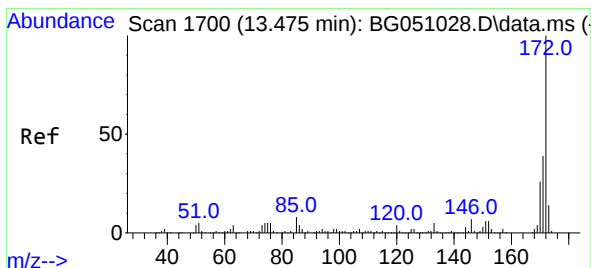
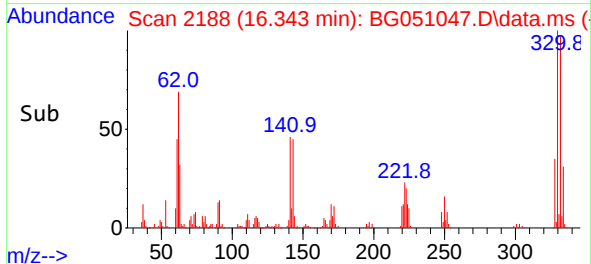
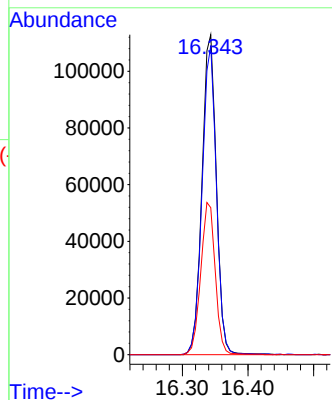
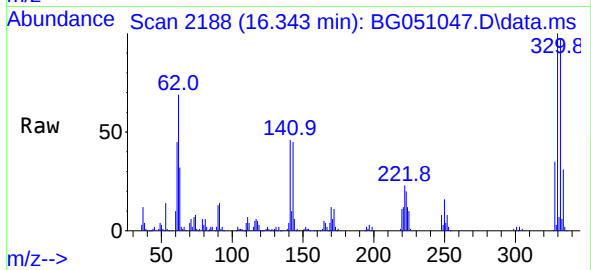




#42
2,4,6-Tribromophenol
Concen: 146.113 ng
RT: 16.343 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BG051047.D
Acq: 15 Nov 2021 18:43

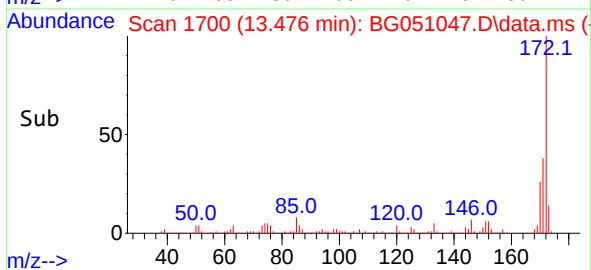
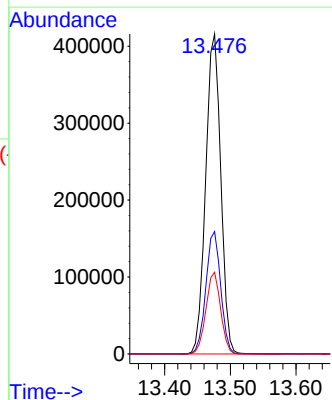
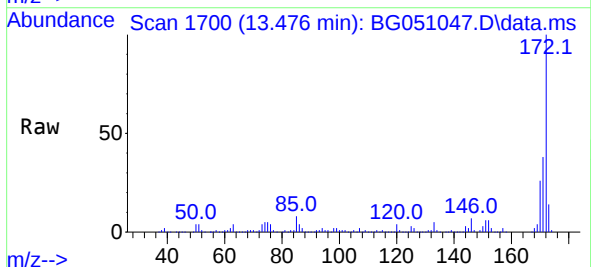
Instrument :
BNA_G
ClientSampleId :
MF-SOIL-P2

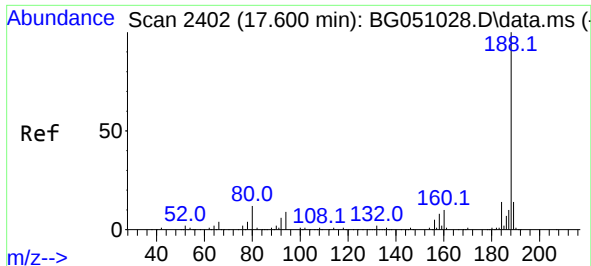
Tgt Ion:330 Resp: 171942
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 48.2 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 89.464 ng
RT: 13.476 min Scan# 1700
Delta R.T. 0.001 min
Lab File: BG051047.D
Acq: 15 Nov 2021 18:43

Tgt Ion:172 Resp: 665822
Ion Ratio Lower Upper
172 100
171 38.2 28.6 43.0
170 25.6 18.6 27.8

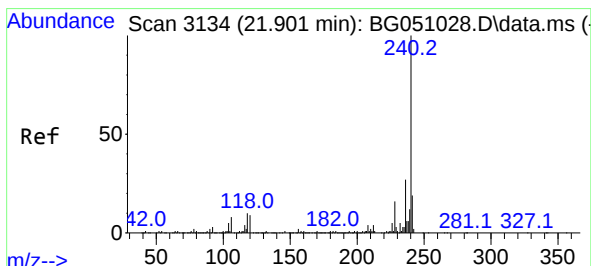
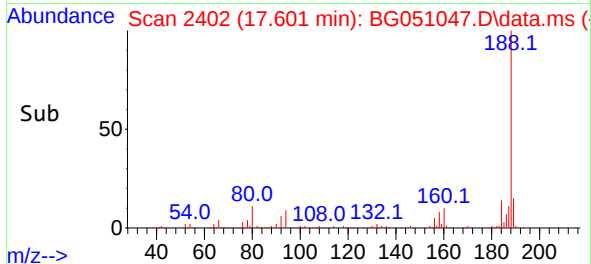
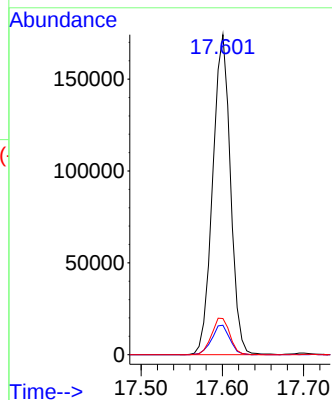
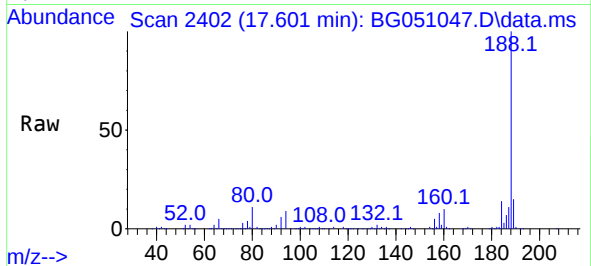




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.601 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG051047.D
Acq: 15 Nov 2021 18:43

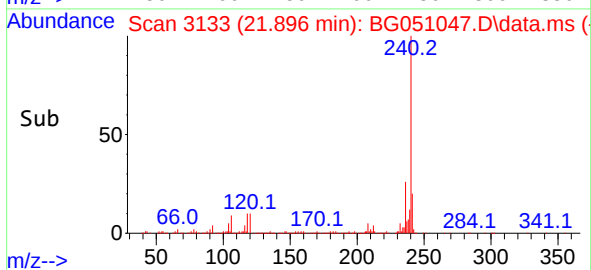
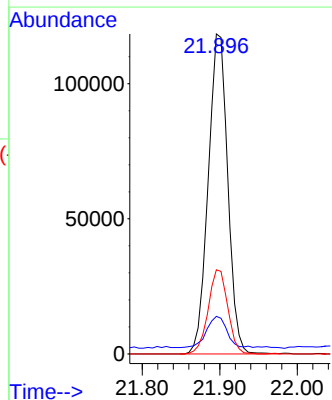
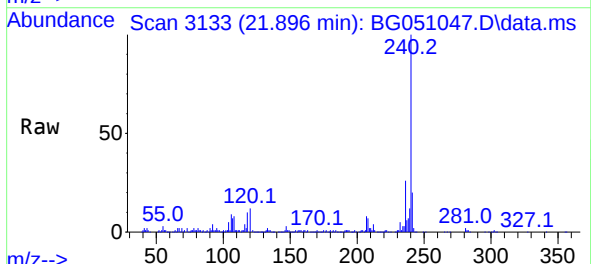
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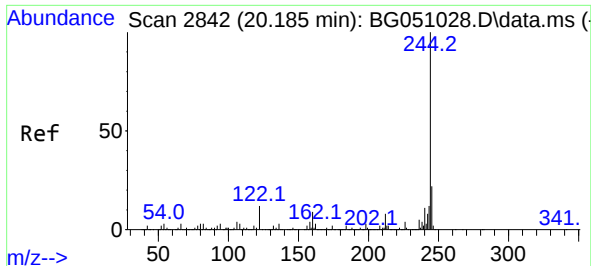
Tgt Ion:188 Resp: 263904
Ion Ratio Lower Upper
188 100
94 9.2 5.4 8.0#
80 11.3 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.896 min Scan# 3133
Delta R.T. -0.005 min
Lab File: BG051047.D
Acq: 15 Nov 2021 18:43

Tgt Ion:240 Resp: 207562
Ion Ratio Lower Upper
240 100
120 11.8 4.2 6.2#
236 26.3 21.8 32.6

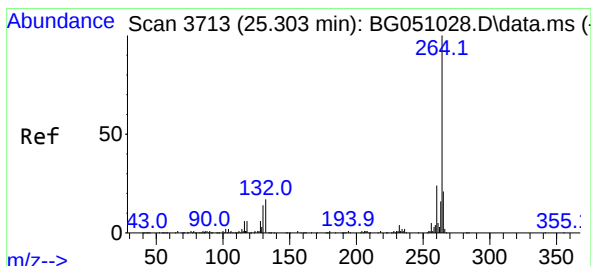
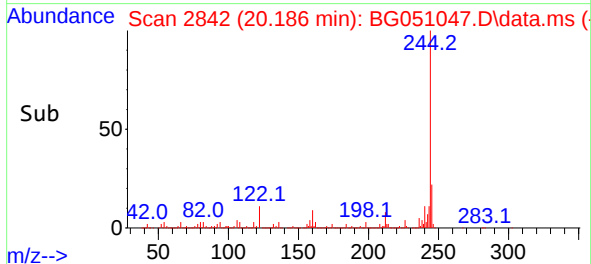
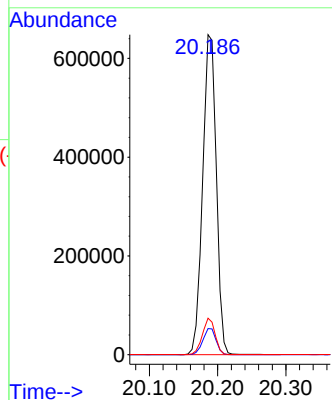
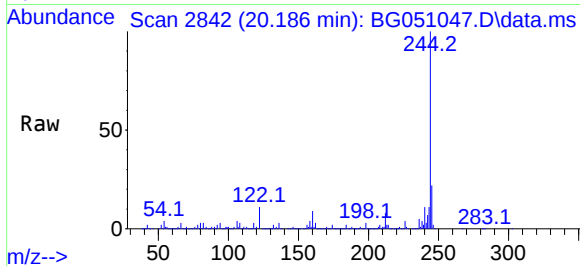




#79
 Terphenyl-d14
 Concen: 79.445 ng
 RT: 20.186 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG051047.D
 Acq: 15 Nov 2021 18:43

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 901192
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 11.4 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.303 min Scan# 3713
 Delta R.T. 0.001 min
 Lab File: BG051047.D
 Acq: 15 Nov 2021 18:43

Tgt Ion:264 Resp: 203864
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 22.4 16.9 25.3

