

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051048.D
 Acq On : 15 Nov 2021 19:24
 Operator : CG/JU
 Sample : M4674-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MF-SOIL-P3

Quant Time: Nov 16 00:40:45 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	8.222	152	41223	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	186242	20.000	ng	# 0.00
39) Acenaphthene-d10	14.850	164	127594	20.000	ng	0.00
64) Phenanthrene-d10	17.600	188	274101	20.000	ng	# 0.00
76) Chrysene-d12	21.895	240	218414	20.000	ng	# 0.00
86) Perylene-d12	25.308	264	214516	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	397004	144.065	ng	0.00
7) Phenol-d6	7.376	99	535397	137.649	ng	0.00
23) Nitrobenzene-d5	9.403	82	369118	87.733	ng	0.00
42) 2,4,6-Tribromophenol	16.342	330	171461	134.282	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	708963	87.793	ng	0.00
79) Terphenyl-d14	20.185	244	940557	78.796	ng	0.00

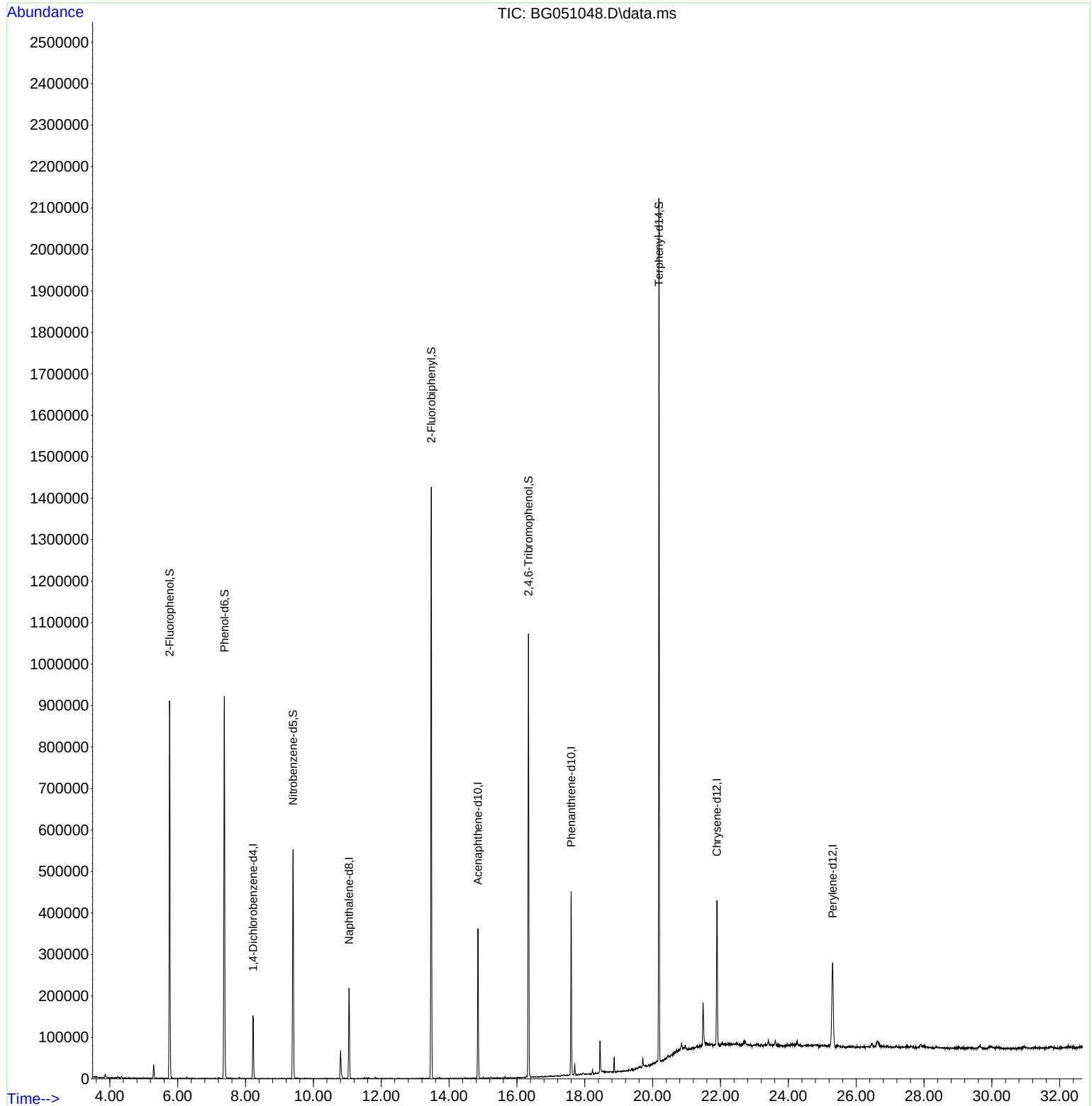
Target Compounds	Qvalue

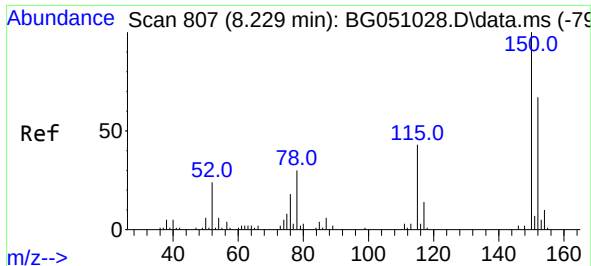
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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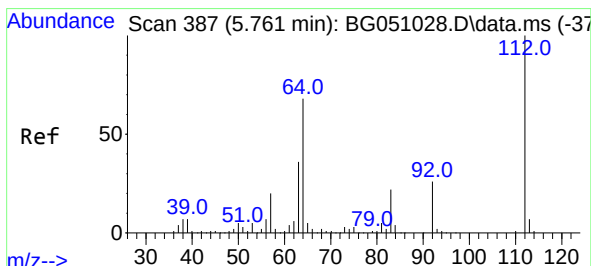
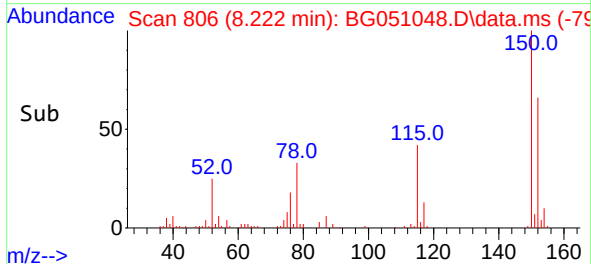
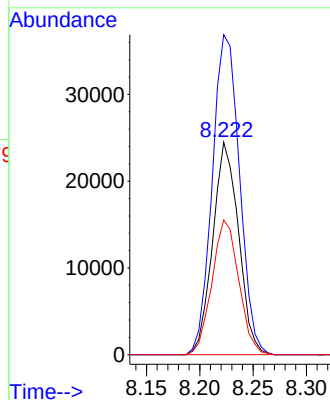
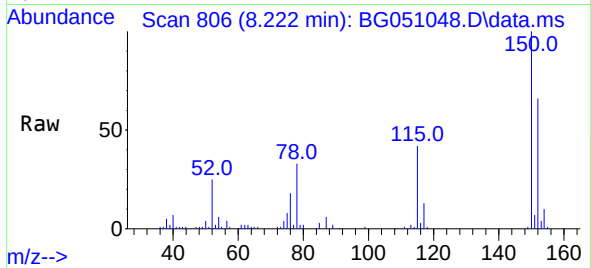




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.222 min Scan# 807
Delta R.T. -0.007 min
Lab File: BG051048.D
Acq: 15 Nov 2021 19:24

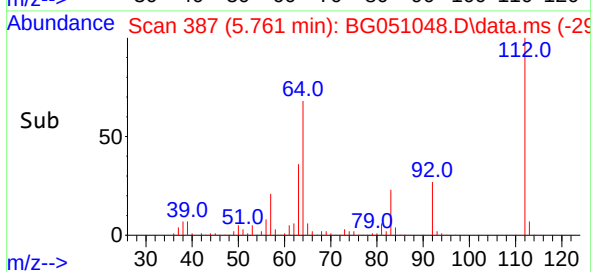
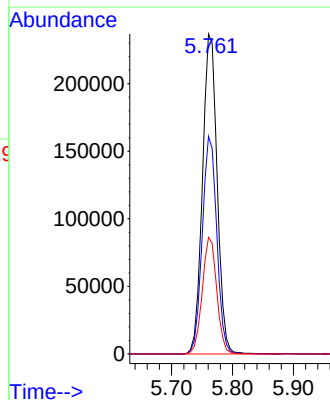
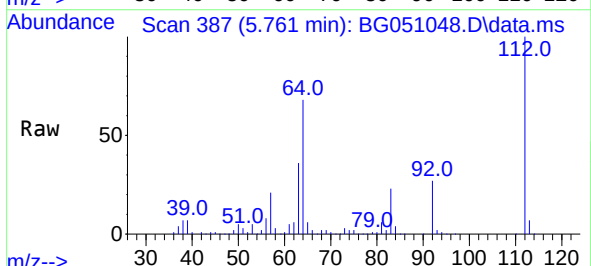
Instrument :
BNA_G
ClientSampleId :
MF-SOIL-P3

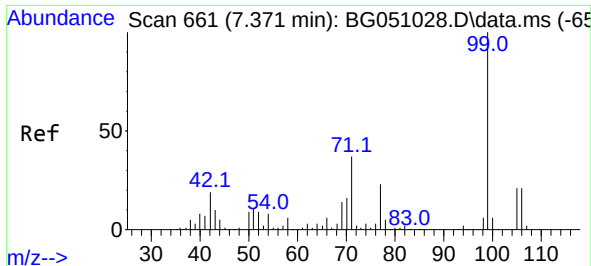
Tgt Ion:152 Resp: 41223
Ion Ratio Lower Upper
152 100
150 150.6 119.4 179.0
115 63.4 60.2 90.4



#5
2-Fluorophenol
Concen: 144.065 ng
RT: 5.761 min Scan# 387
Delta R.T. -0.000 min
Lab File: BG051048.D
Acq: 15 Nov 2021 19:24

Tgt Ion:112 Resp: 397004
Ion Ratio Lower Upper
112 100
64 68.0 46.7 70.1
63 36.5 35.3 52.9

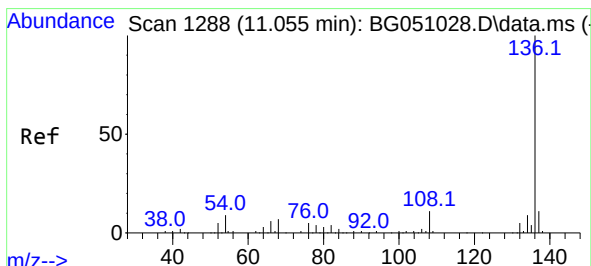
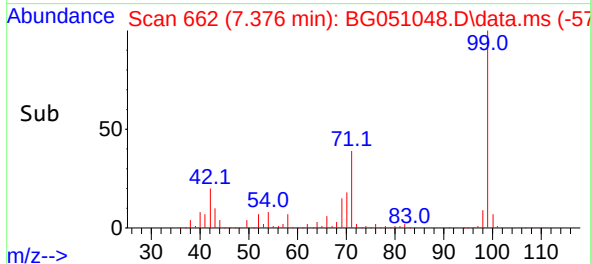
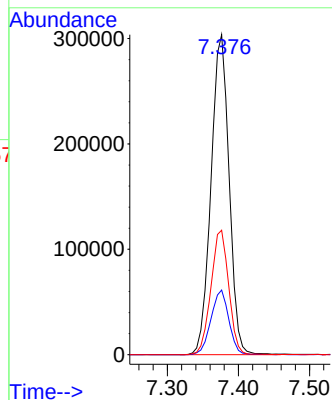
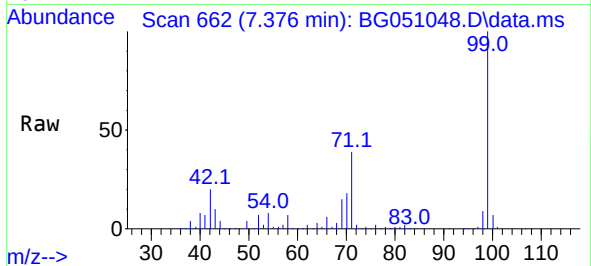




#7
Phenol-d6
Concen: 137.649 ng
RT: 7.376 min Scan# 661
Delta R.T. 0.005 min
Lab File: BG051048.D
Acq: 15 Nov 2021 19:24

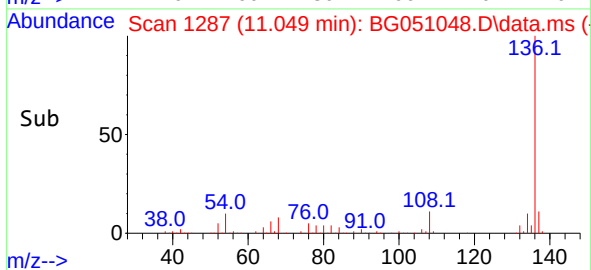
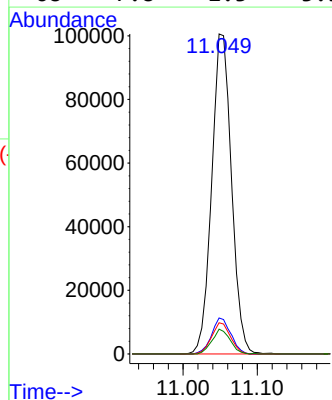
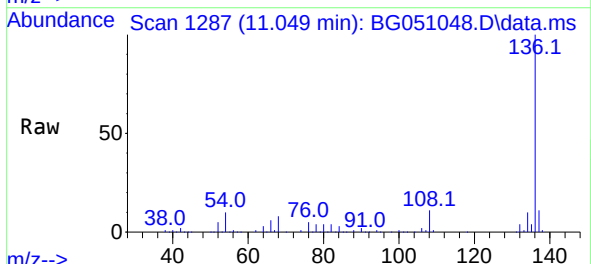
Instrument :
BNA_G
ClientSampleId :
MF-SOIL-P3

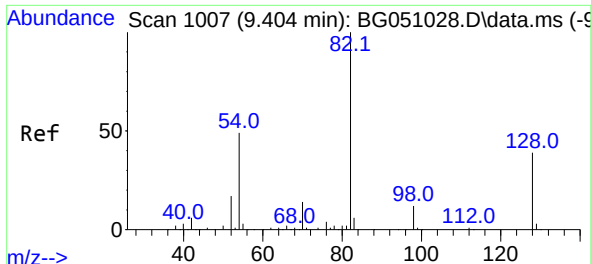
Tgt Ion: 99 Resp: 535397
Ion Ratio Lower Upper
99 100
42 20.2 20.5 30.7#
71 38.9 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BG051048.D
Acq: 15 Nov 2021 19:24

Tgt Ion: 136 Resp: 186242
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.2
54 9.8 5.5 8.3#
68 7.8 2.3 3.5#





#23

Nitrobenzene-d5

Concen: 87.733 ng

RT: 9.403 min Scan# 10

Delta R.T. -0.001 min

Lab File: BG051048.D

Acq: 15 Nov 2021 19:24

Instrument :

BNA_G

ClientSampleId :

MF-SOIL-P3

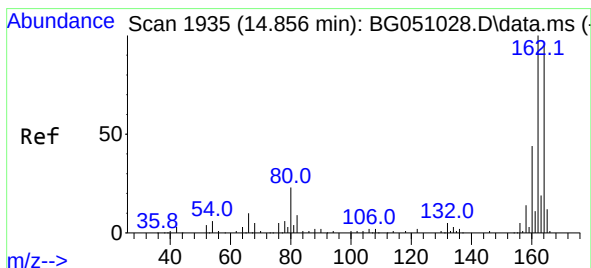
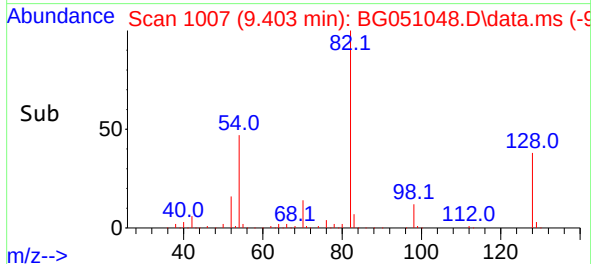
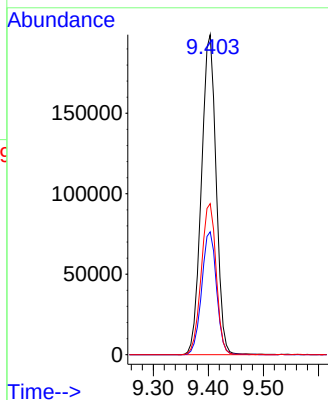
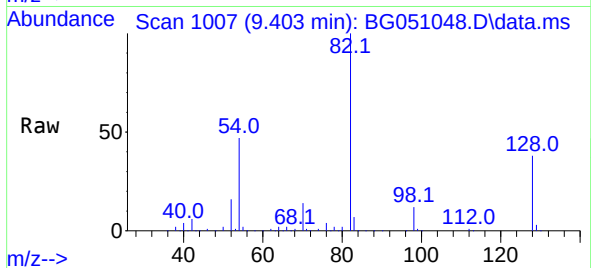
Tgt Ion: 82 Resp: 369118

Ion Ratio Lower Upper

82 100

128 38.4 29.8 44.6

54 47.2 45.8 68.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.850 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BG051048.D

Acq: 15 Nov 2021 19:24

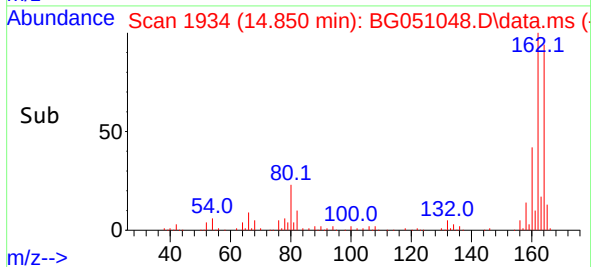
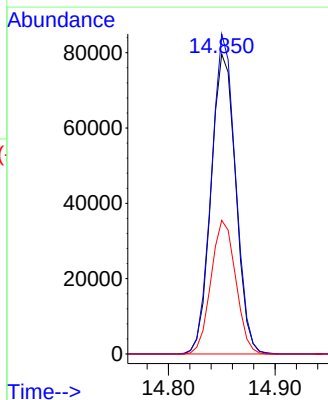
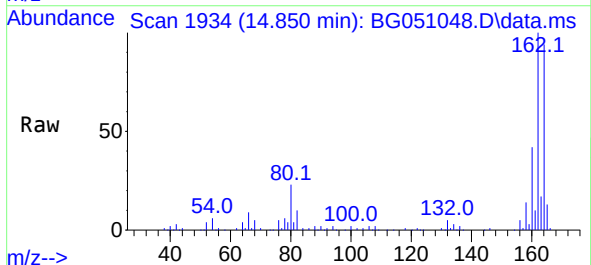
Tgt Ion:164 Resp: 127594

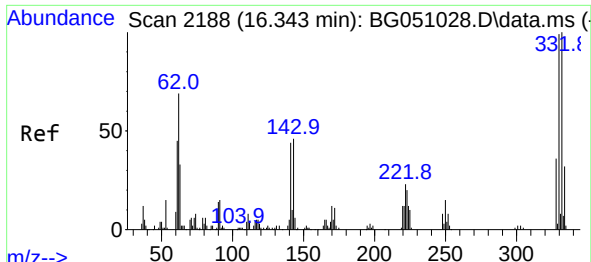
Ion Ratio Lower Upper

164 100

162 106.7 81.4 122.0

160 44.6 34.9 52.3

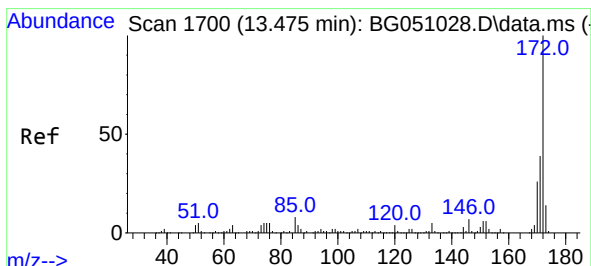
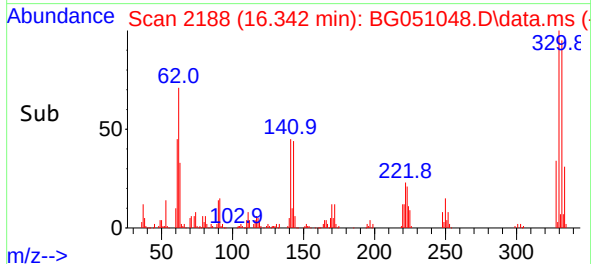
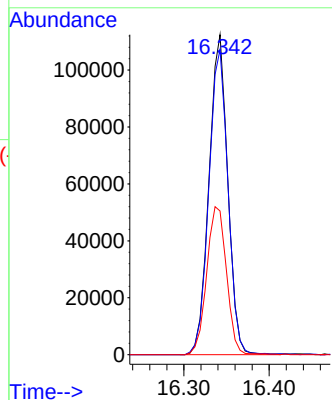
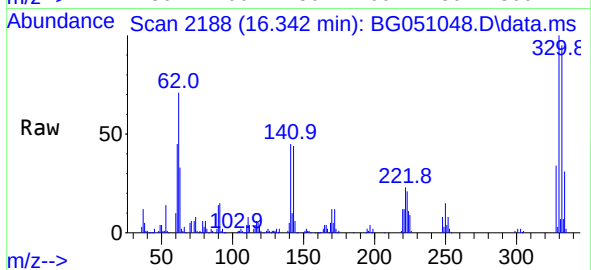




#42
2,4,6-Tribromophenol
Concen: 134.282 ng
RT: 16.342 min Scan# 2188
Delta R.T. -0.001 min
Lab File: BG051048.D
Acq: 15 Nov 2021 19:24

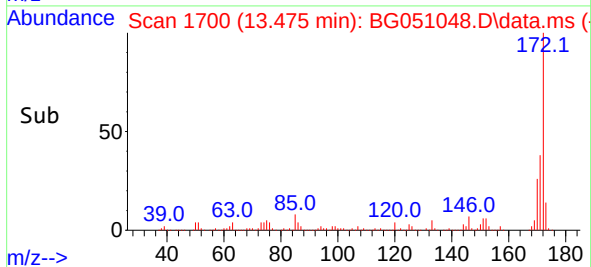
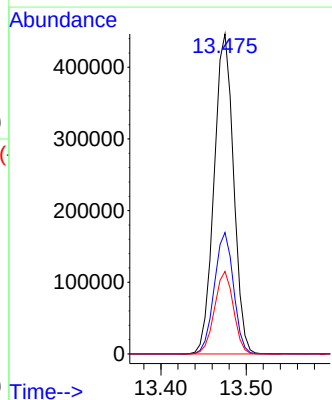
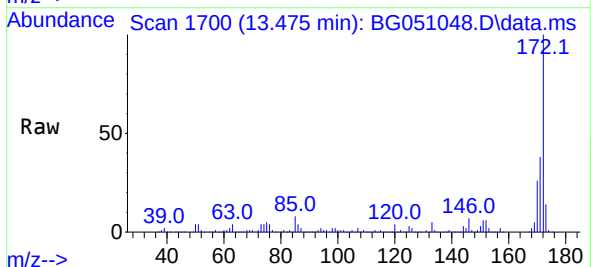
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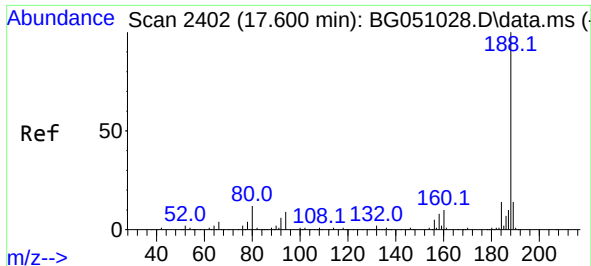
Tgt Ion:330 Resp: 171461
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 49.0 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 87.793 ng
RT: 13.475 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BG051048.D
Acq: 15 Nov 2021 19:24

Tgt Ion:172 Resp: 708963
Ion Ratio Lower Upper
172 100
171 38.0 28.6 43.0
170 25.8 18.6 27.8

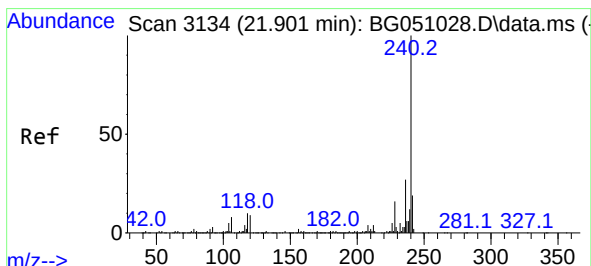
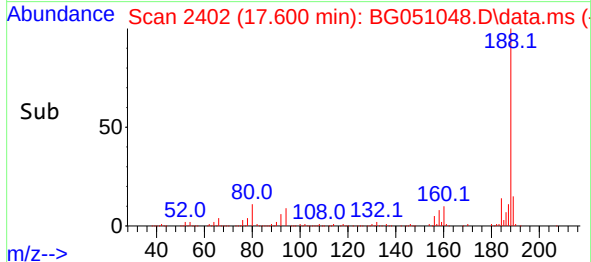
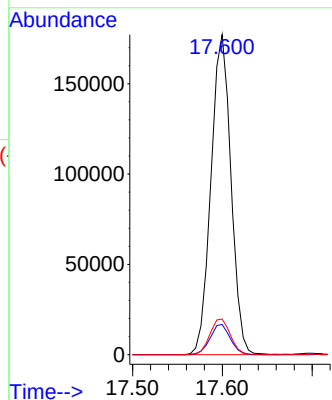
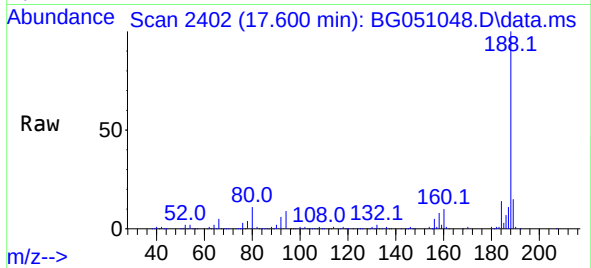




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.600 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BG051048.D
Acq: 15 Nov 2021 19:24

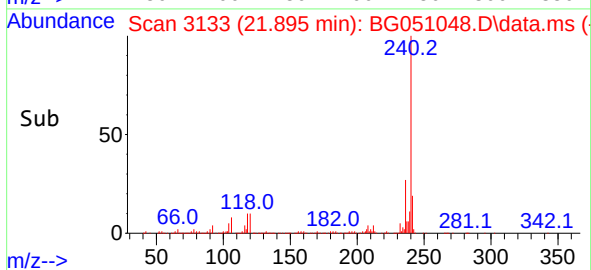
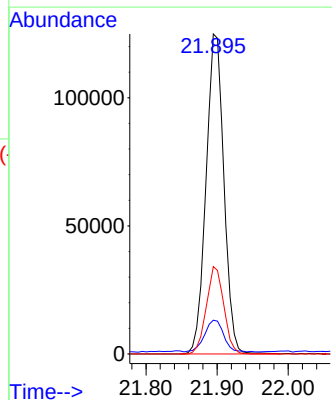
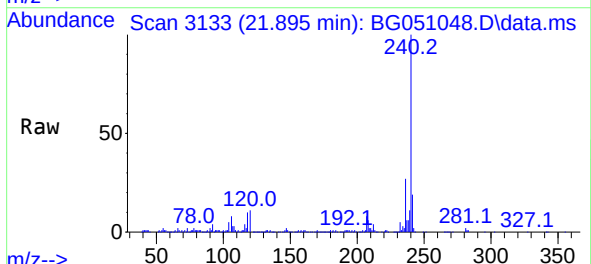
Instrument :
BNA_G
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MF-SOIL-P3

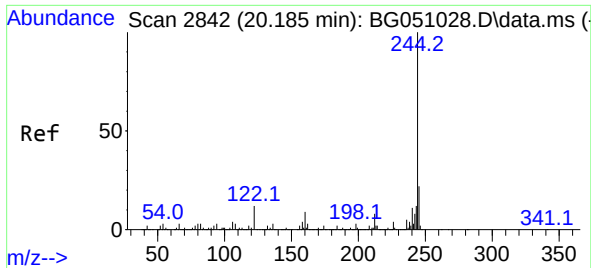
Tgt Ion:188 Resp: 274101
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 11.1 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.895 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BG051048.D
Acq: 15 Nov 2021 19:24

Tgt Ion:240 Resp: 218414
Ion Ratio Lower Upper
240 100
120 10.5 4.2 6.2#
236 27.3 21.8 32.6

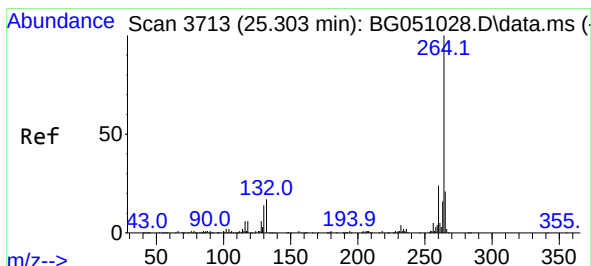
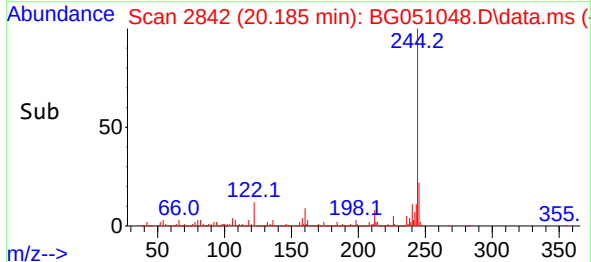
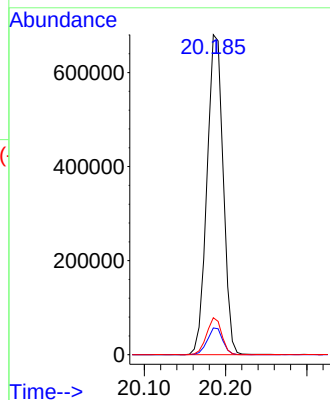
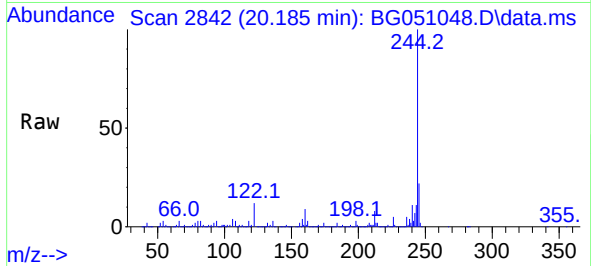




#79
 Terphenyl-d14
 Concen: 78.796 ng
 RT: 20.185 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG051048.D
 Acq: 15 Nov 2021 19:24

Instrument :
 BNA_G
 ClientSampleId :
 MF-SOIL-P3

Tgt Ion:244 Resp: 940557
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 11.6 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.308 min Scan# 3714
 Delta R.T. 0.006 min
 Lab File: BG051048.D
 Acq: 15 Nov 2021 19:24

Tgt Ion:264 Resp: 214516
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.5 16.9 25.3

