

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
 Data File : BG049203.D
 Acq On : 7 Jul 2021 17:25
 Operator : CG/JU
 Sample : M2947-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-BANK-4

Quant Time: Jul 07 18:57:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 06 10:59:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	42357	20.000	ng	0.00
21) Naphthalene-d8	10.907	136	168587	20.000	ng	# 0.00
39) Acenaphthene-d10	14.732	164	114467	20.000	ng	0.00
64) Phenanthrene-d10	17.482	188	224994	20.000	ng	# 0.00
76) Chrysene-d12	21.765	240	205406	20.000	ng	0.00
86) Perylene-d12	25.079	264	227222	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	433209	160.192	ng	0.01
7) Phenol-d6	7.247	99	560911	145.480	ng	0.00
23) Nitrobenzene-d5	9.256	82	410460	103.225	ng	0.00
42) 2,4,6-Tribromophenol	16.224	330	294567	148.447	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	897045	105.729	ng	0.00
79) Terphenyl-d14	20.090	244	1180683	97.402	ng	0.00

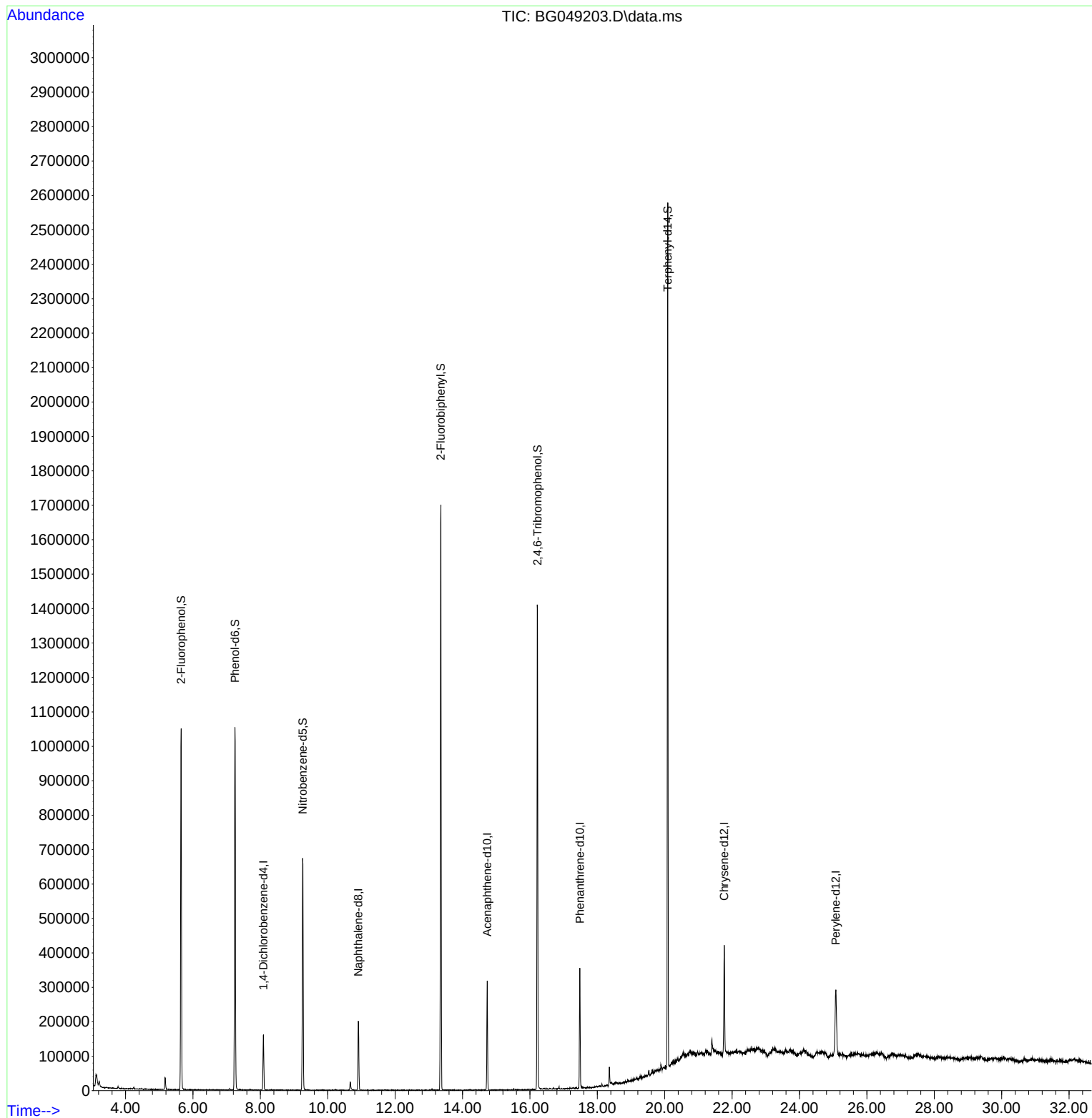
Target Compounds	Qvalue

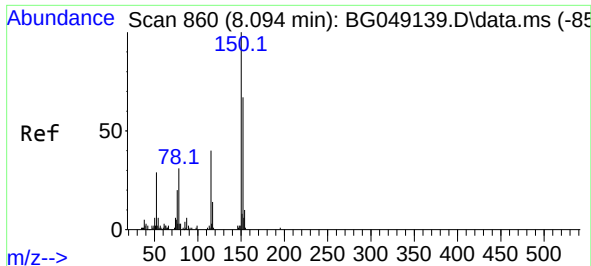
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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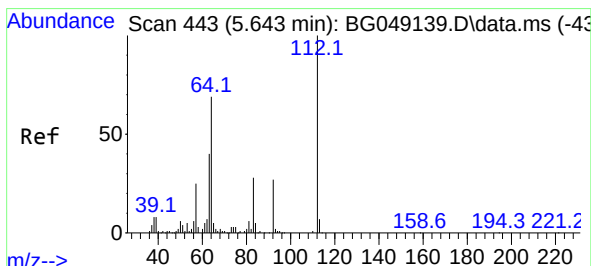
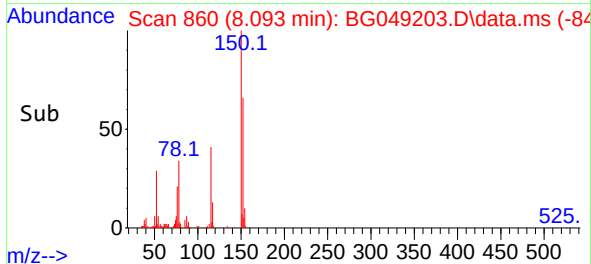
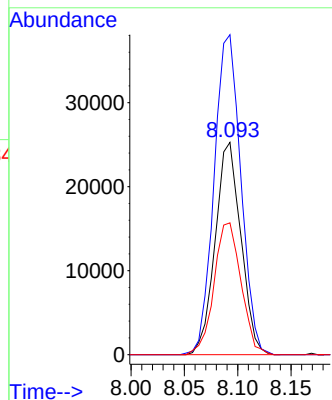
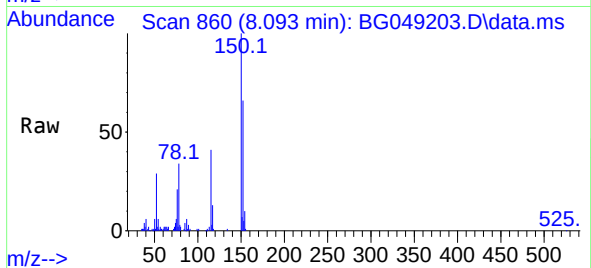




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 860
Delta R.T. 0.002 min
Lab File: BG049203.D
Acq: 7 Jul 2021 17:25

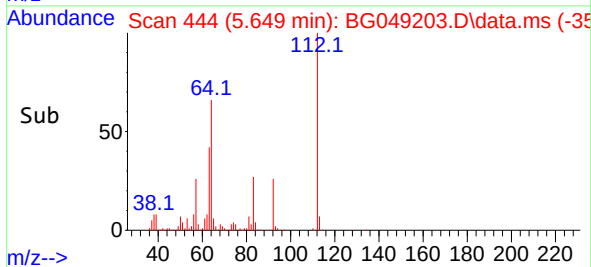
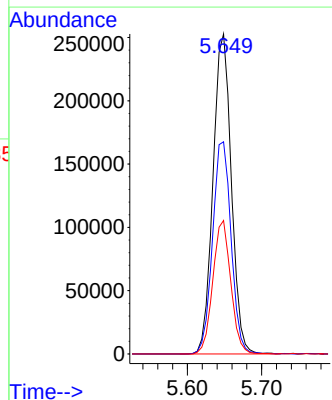
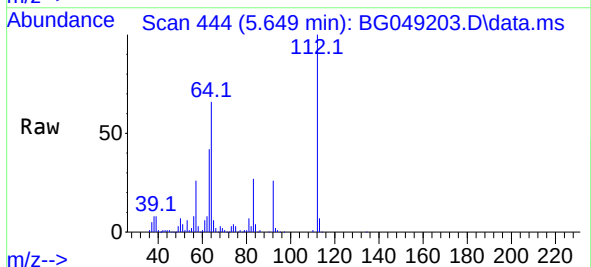
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-4

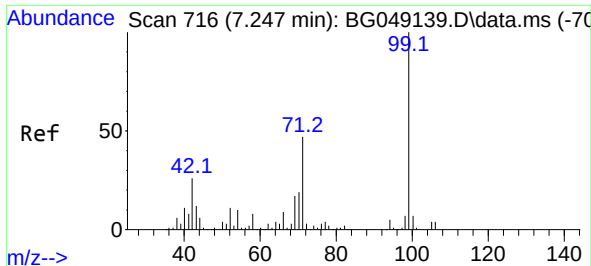
Tgt Ion:152 Resp: 42357
Ion Ratio Lower Upper
152 100
150 150.7 119.4 179.0
115 62.1 60.2 90.4



#5
2-Fluorophenol
Concen: 160.192 ng
RT: 5.649 min Scan# 444
Delta R.T. 0.014 min
Lab File: BG049203.D
Acq: 7 Jul 2021 17:25

Tgt Ion:112 Resp: 433209
Ion Ratio Lower Upper
112 100
64 66.3 46.7 70.1
63 41.7 35.3 52.9

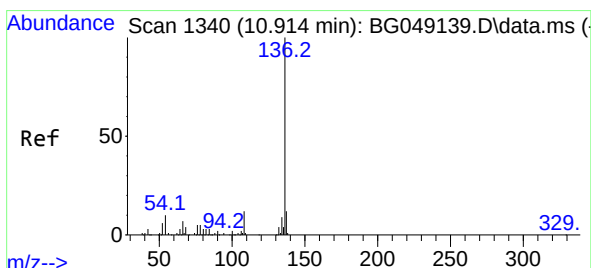
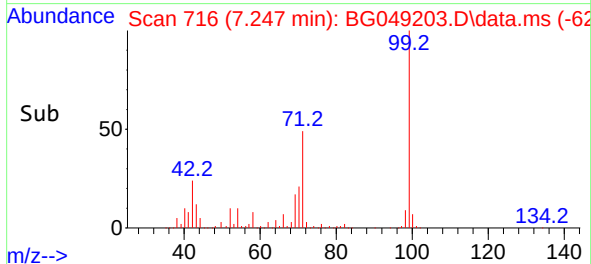
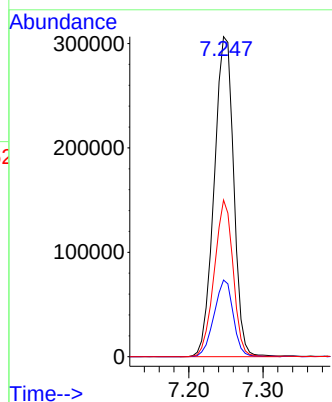
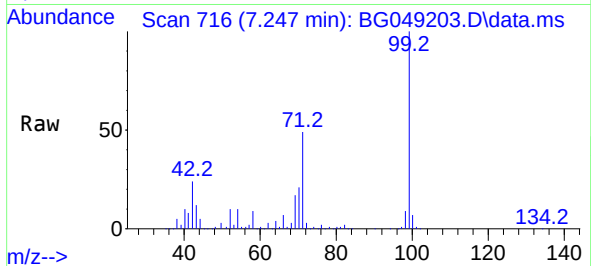




#7
Phenol-d6
Concen: 145.480 ng
RT: 7.247 min Scan# 716
Delta R.T. 0.008 min
Lab File: BG049203.D
Acq: 7 Jul 2021 17:25

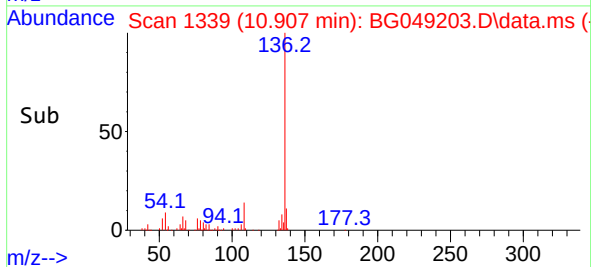
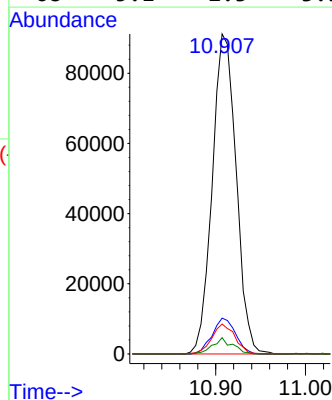
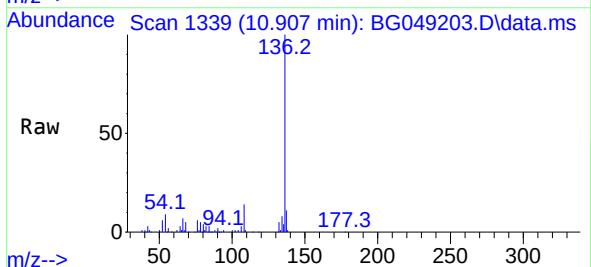
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-4

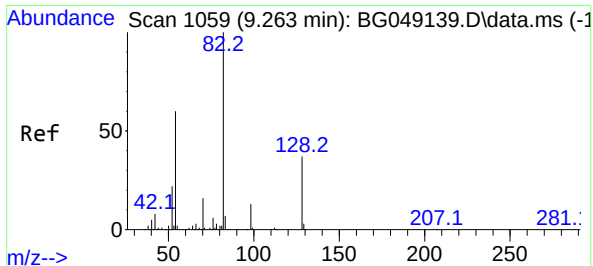
Tgt Ion: 99 Resp: 560911
Ion Ratio Lower Upper
99 100
42 24.0 20.5 30.7
71 49.0 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.907 min Scan# 1339
Delta R.T. 0.002 min
Lab File: BG049203.D
Acq: 7 Jul 2021 17:25

Tgt Ion:136 Resp: 168587
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.2
54 9.3 5.5 8.3#
68 5.1 2.3 3.5#

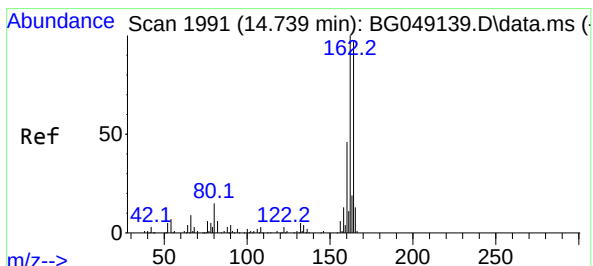
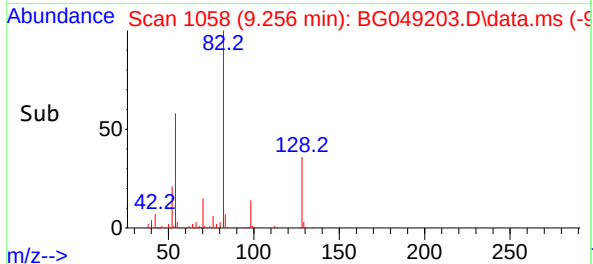
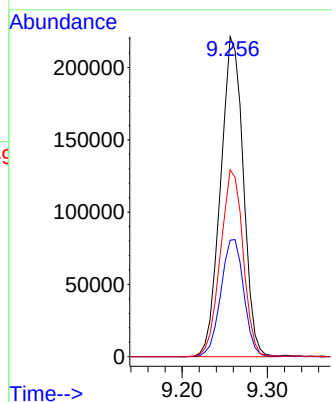
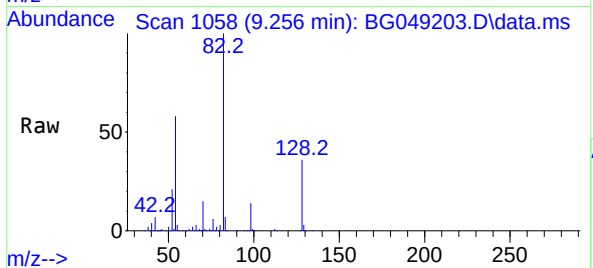




#23
Nitrobenzene-d5
Concen: 103.225 ng
RT: 9.256 min Scan# 1058
Delta R.T. 0.002 min
Lab File: BG049203.D
Acq: 7 Jul 2021 17:25

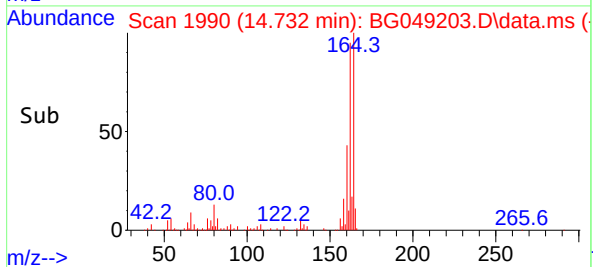
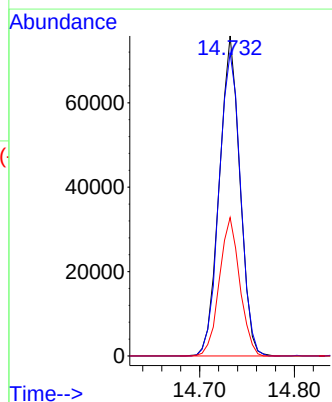
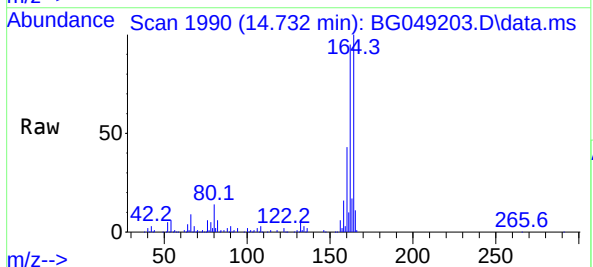
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-4

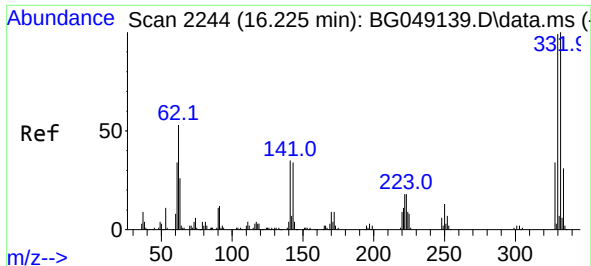
Tgt Ion: 82 Resp: 410460
Ion Ratio Lower Upper
82 100
128 36.4 29.8 44.6
54 58.4 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.732 min Scan# 1990
Delta R.T. 0.002 min
Lab File: BG049203.D
Acq: 7 Jul 2021 17:25

Tgt Ion:164 Resp: 114467
Ion Ratio Lower Upper
164 100
162 94.7 81.4 122.0
160 43.2 34.9 52.3

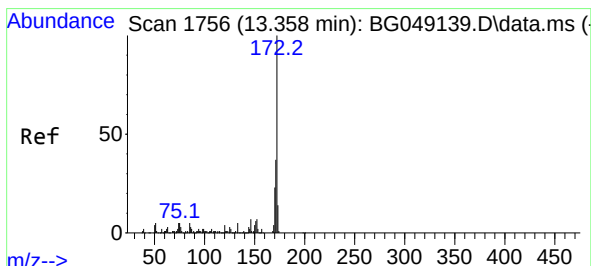
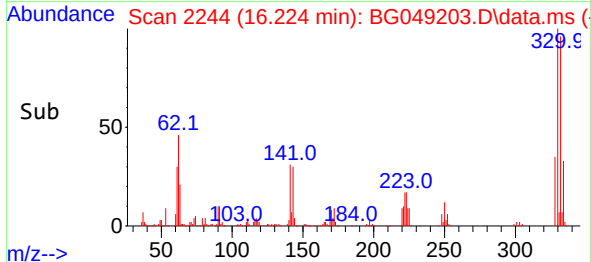
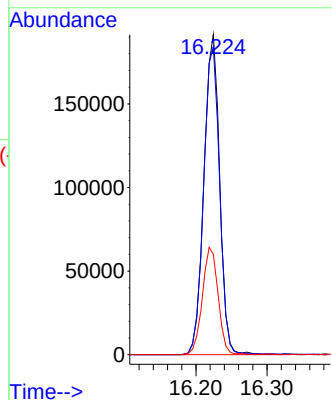
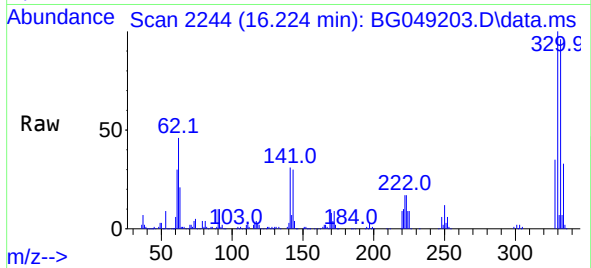




#42
2,4,6-Tribromophenol
Concen: 148.447 ng
RT: 16.224 min Scan# 2244
Delta R.T. 0.008 min
Lab File: BG049203.D
Acq: 7 Jul 2021 17:25

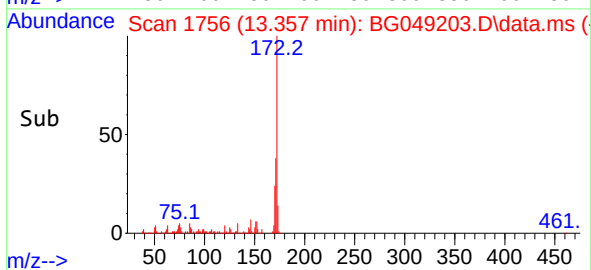
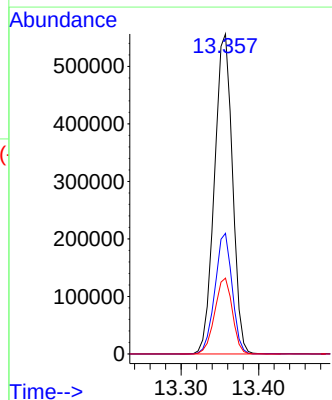
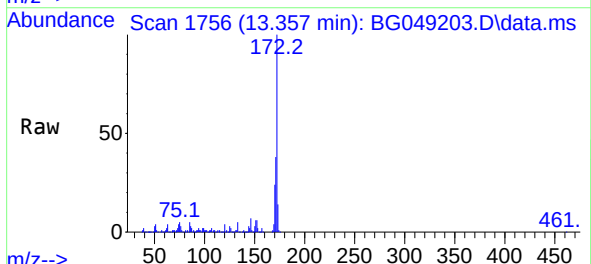
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-4

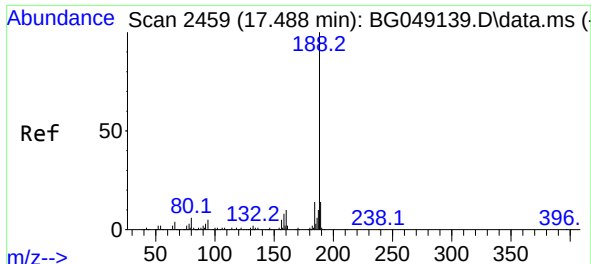
Tgt Ion:330 Resp: 294567
Ion Ratio Lower Upper
330 100
332 97.7 77.3 115.9
141 33.7 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 105.729 ng
RT: 13.357 min Scan# 1756
Delta R.T. 0.008 min
Lab File: BG049203.D
Acq: 7 Jul 2021 17:25

Tgt Ion:172 Resp: 897045
Ion Ratio Lower Upper
172 100
171 37.7 28.6 43.0
170 23.7 18.6 27.8

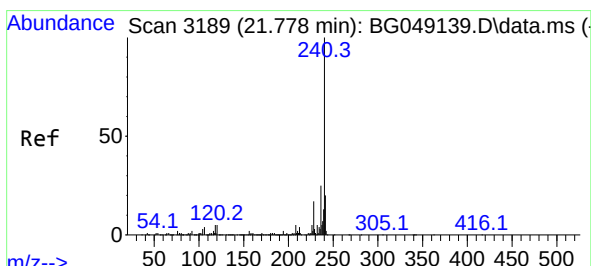
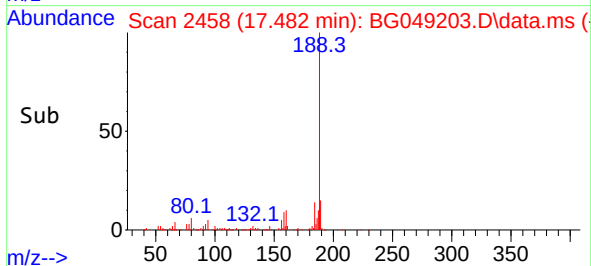
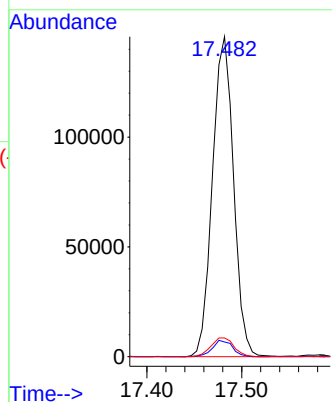
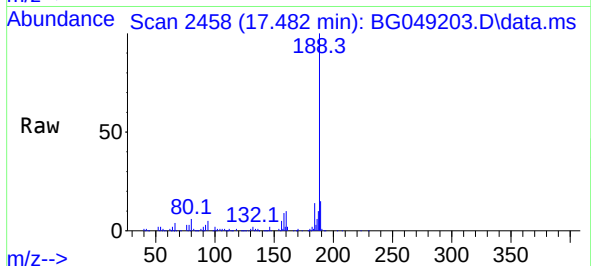




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.482 min Scan# 2458
Delta R.T. 0.002 min
Lab File: BG049203.D
Acq: 7 Jul 2021 17:25

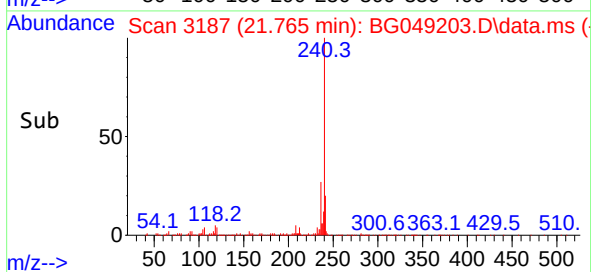
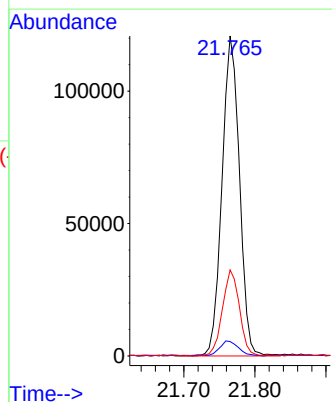
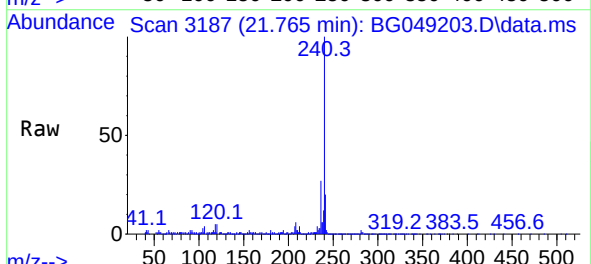
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-4

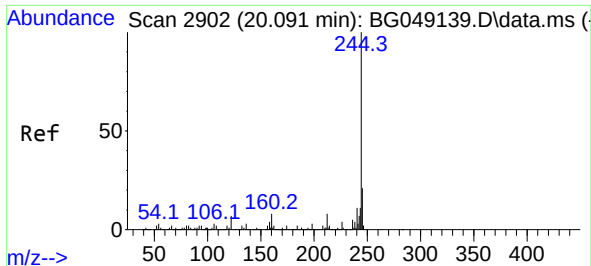
Tgt Ion:188 Resp: 224994
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 5.9 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.765 min Scan# 3187
Delta R.T. 0.002 min
Lab File: BG049203.D
Acq: 7 Jul 2021 17:25

Tgt Ion:240 Resp: 205406
Ion Ratio Lower Upper
240 100
120 4.5 4.2 6.2
236 26.9 21.8 32.6



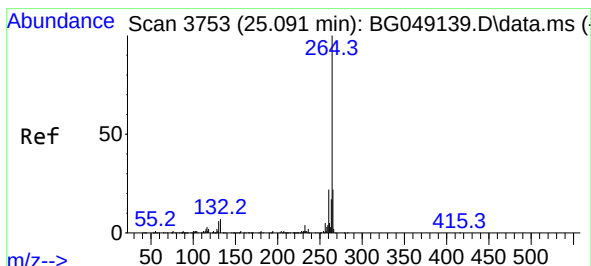
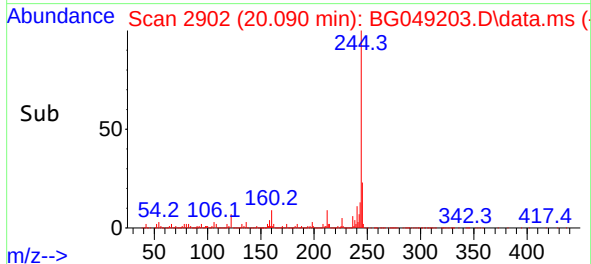
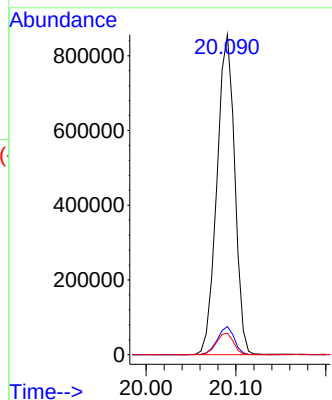
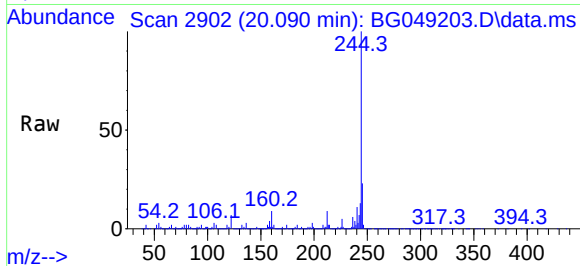


#79
Terphenyl-d14
Concen: 97.402 ng
RT: 20.090 min Scan# 2902
Delta R.T. 0.008 min
Lab File: BG049203.D
Acq: 7 Jul 2021 17:25

Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-4

Tgt Ion:244 Resp: 1180683

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.9	10.3
122	6.7	5.0	7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.079 min Scan# 3751
Delta R.T. 0.014 min
Lab File: BG049203.D
Acq: 7 Jul 2021 17:25

Tgt Ion:264 Resp: 227222

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.3	16.9	25.3

