

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
 Data File : BG049210.D
 Acq On : 7 Jul 2021 22:14
 Operator : CG/JU
 Sample : M2947-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-BANK-3

Quant Time: Jul 08 02:22:16 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	8.088	152	41266	20.000	ng	0.00
21) Naphthalene-d8	10.909	136	160886	20.000	ng	# 0.00
39) Acenaphthene-d10	14.728	164	109812	20.000	ng	0.00
64) Phenanthrene-d10	17.477	188	223851	20.000	ng	# 0.00
76) Chrysene-d12	21.767	240	216115	20.000	ng	0.00
86) Perylene-d12	25.074	264	224695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	221279	83.988	ng	0.00
7) Phenol-d6	7.242	99	287075	76.426	ng	0.00
23) Nitrobenzene-d5	9.252	82	212542	56.010	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	151277	79.467	ng	0.00
45) 2-Fluorobiphenyl	13.353	172	467140	57.393	ng	0.00
79) Terphenyl-d14	20.086	244	681364	53.425	ng	0.00

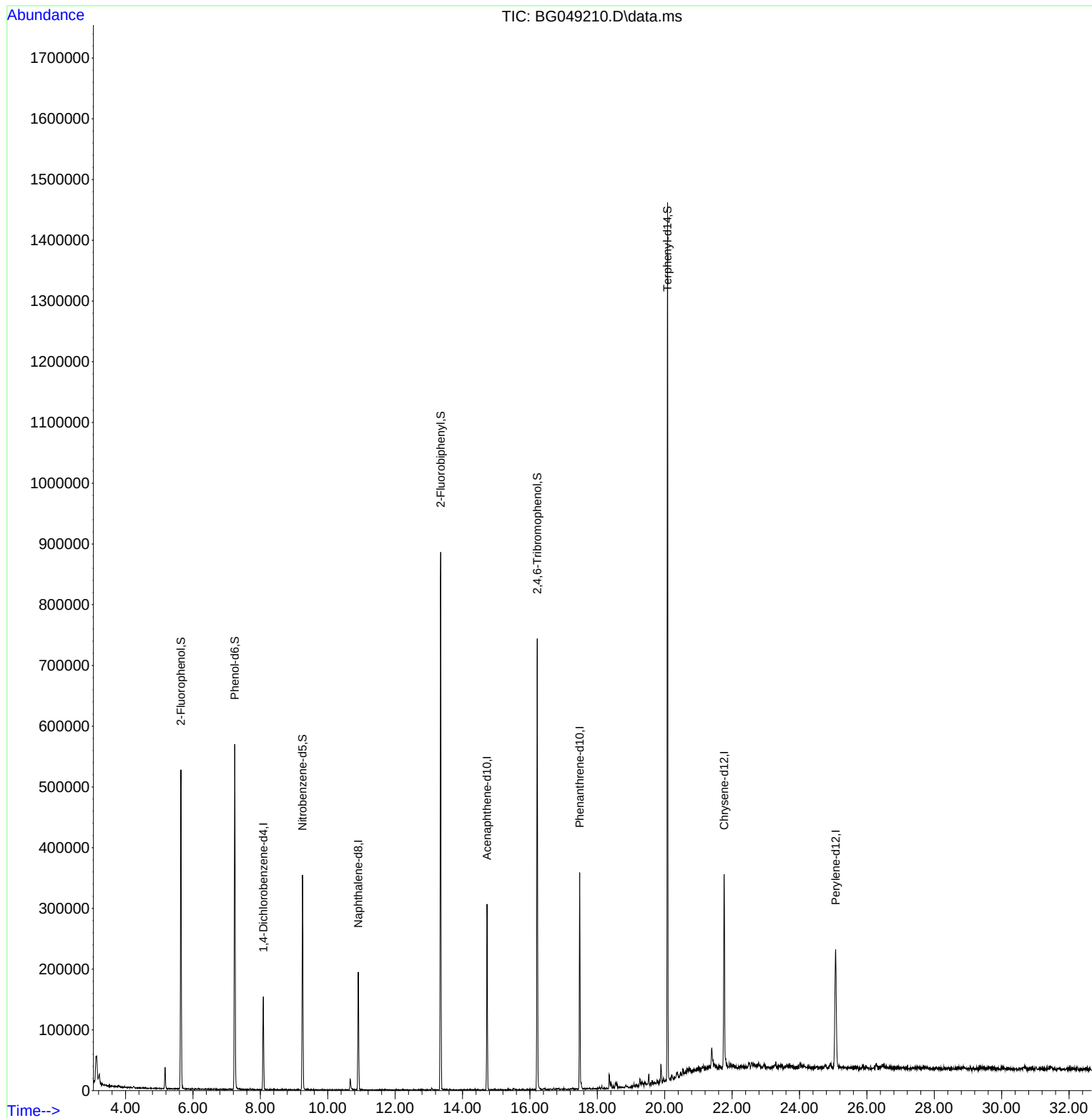
Target Compounds	Qvalue

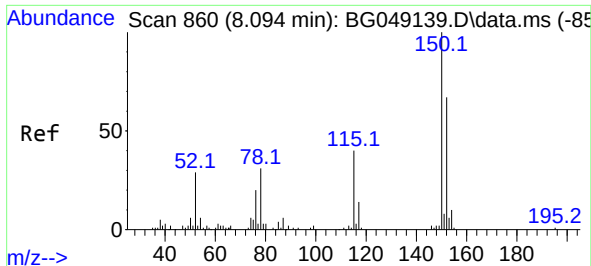
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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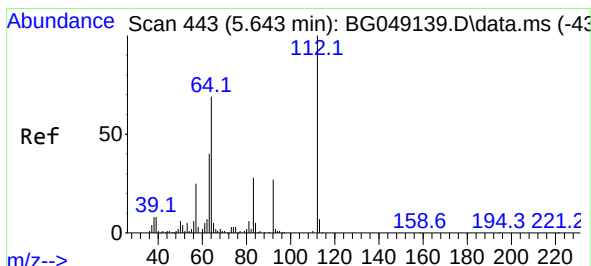
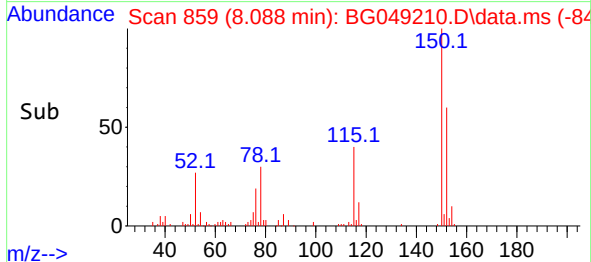
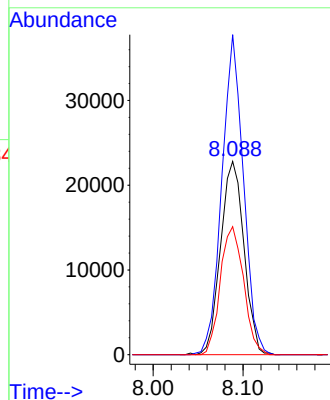
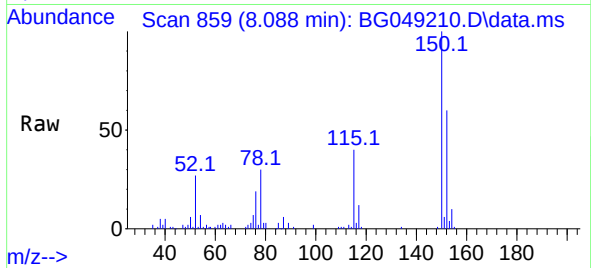




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 859
Delta R.T. -0.003 min
Lab File: BG049210.D
Acq: 7 Jul 2021 22:14

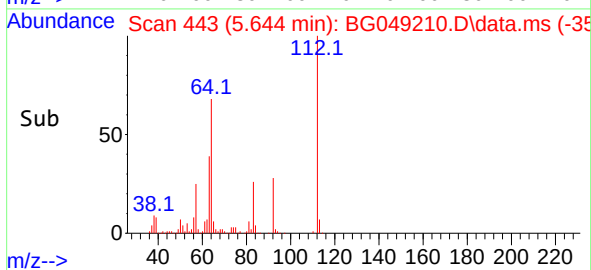
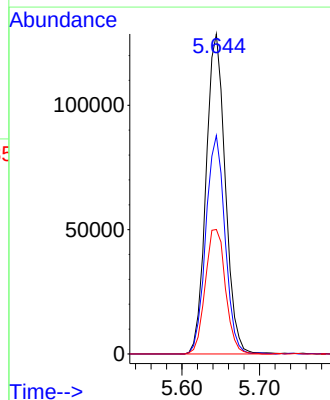
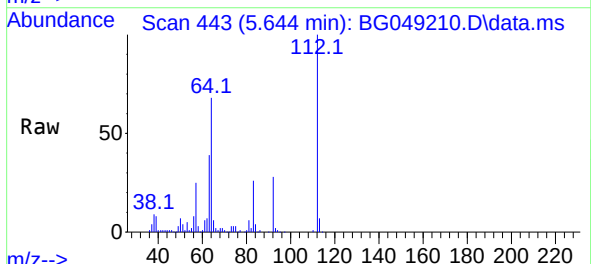
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-3

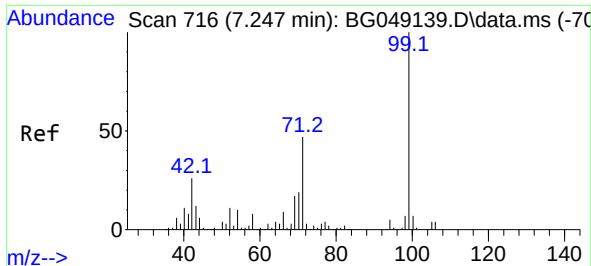
Tgt Ion:152 Resp: 41266
Ion Ratio Lower Upper
152 100
150 165.5 119.4 179.0
115 66.2 60.2 90.4



#5
2-Fluorophenol
Concen: 83.988 ng
RT: 5.644 min Scan# 443
Delta R.T. 0.010 min
Lab File: BG049210.D
Acq: 7 Jul 2021 22:14

Tgt Ion:112 Resp: 221279
Ion Ratio Lower Upper
112 100
64 68.2 46.7 70.1
63 38.9 35.3 52.9

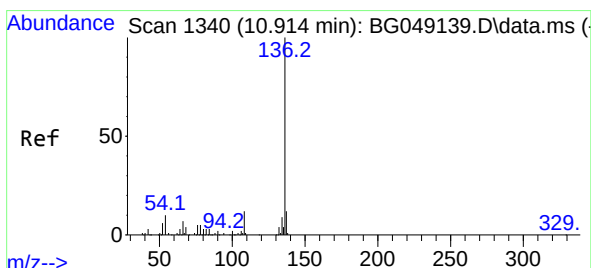
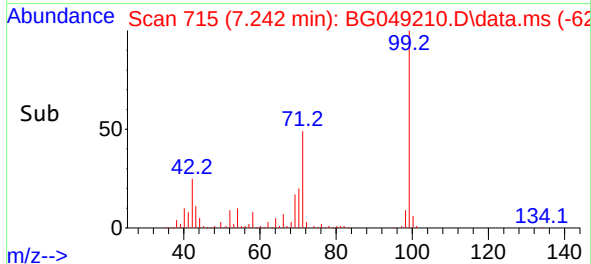
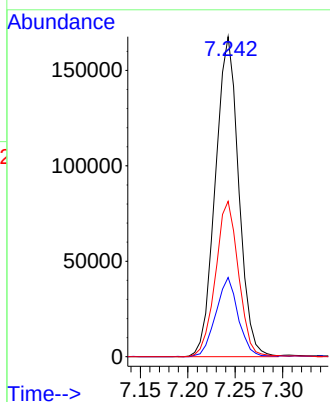
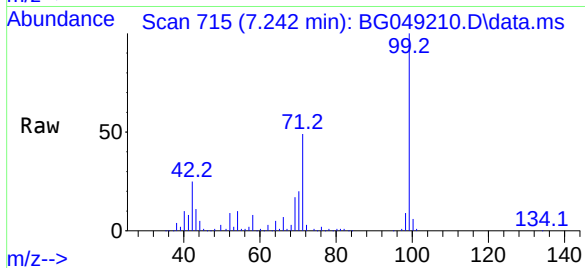




#7
Phenol-d6
Concen: 76.426 ng
RT: 7.242 min Scan# 715
Delta R.T. 0.004 min
Lab File: BG049210.D
Acq: 7 Jul 2021 22:14

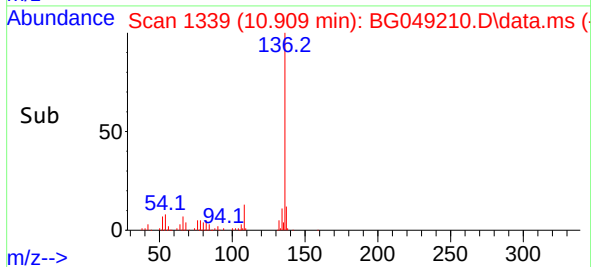
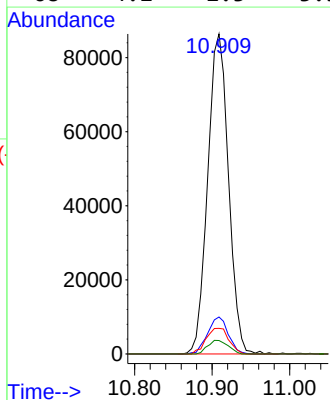
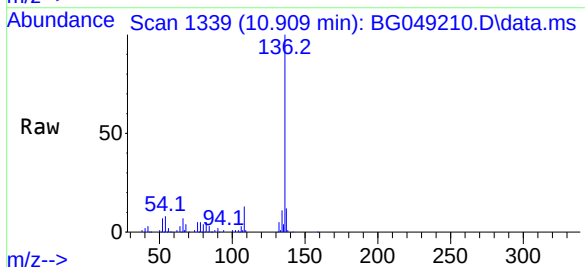
Instrument :
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ClientSampleId :
SOIL-BANK-3

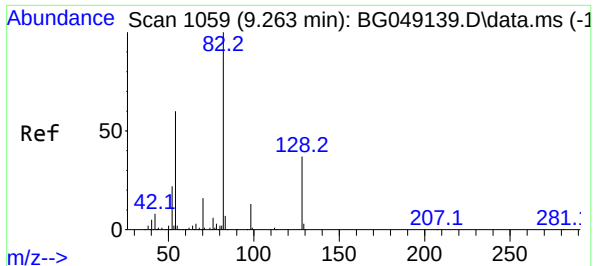
Tgt Ion: 99 Resp: 287075
Ion Ratio Lower Upper
99 100
42 24.8 20.5 30.7
71 48.6 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.909 min Scan# 1339
Delta R.T. 0.004 min
Lab File: BG049210.D
Acq: 7 Jul 2021 22:14

Tgt Ion:136 Resp: 160886
Ion Ratio Lower Upper
136 100
137 11.6 8.2 12.2
54 8.0 5.5 8.3
68 4.2 2.3 3.5#

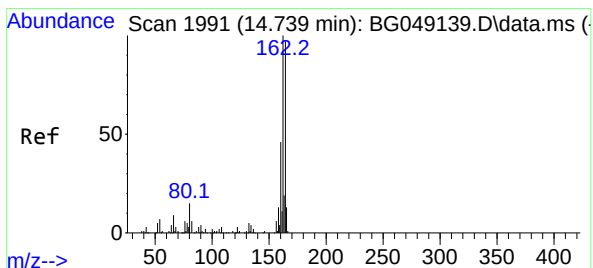
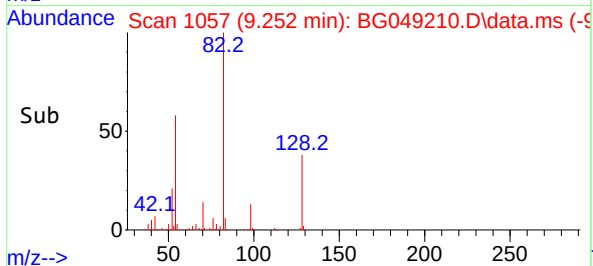
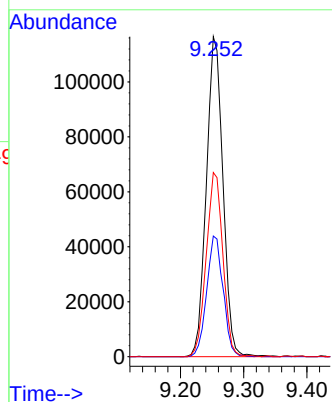
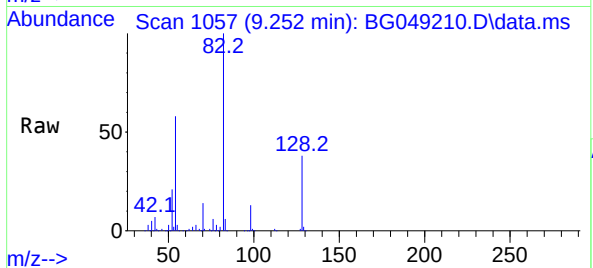




#23
Nitrobenzene-d5
Concen: 56.010 ng
RT: 9.252 min Scan# 1057
Delta R.T. -0.002 min
Lab File: BG049210.D
Acq: 7 Jul 2021 22:14

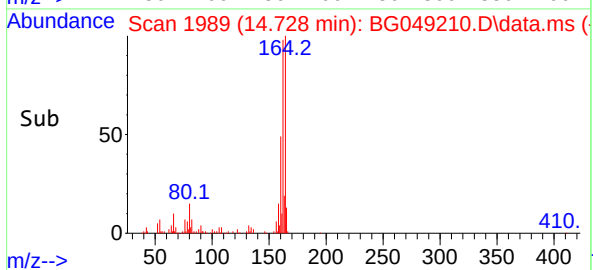
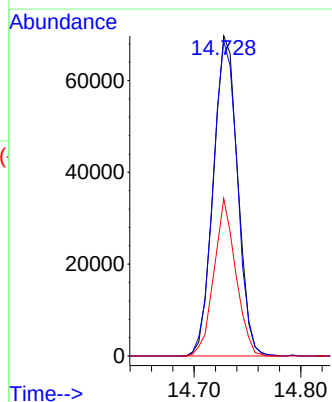
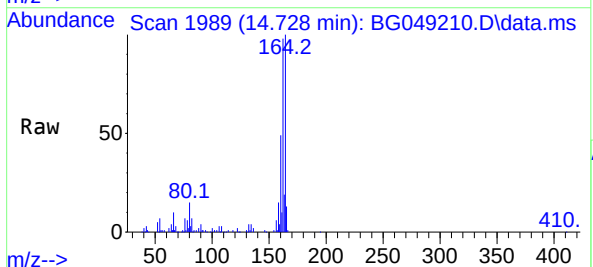
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-3

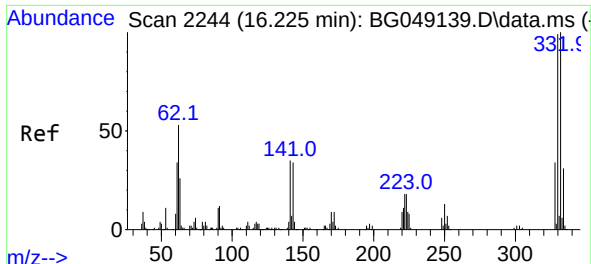
Tgt Ion: 82 Resp: 212542
Ion Ratio Lower Upper
82 100
128 37.7 29.8 44.6
54 57.6 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1989
Delta R.T. -0.002 min
Lab File: BG049210.D
Acq: 7 Jul 2021 22:14

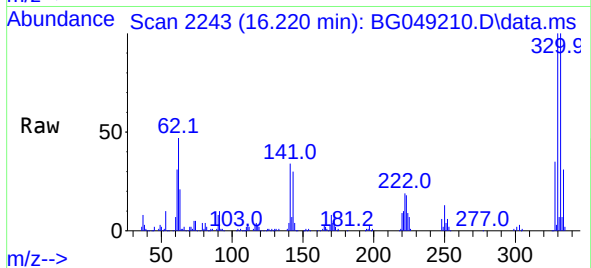
Tgt Ion:164 Resp: 109812
Ion Ratio Lower Upper
164 100
162 98.4 81.4 122.0
160 49.2 34.9 52.3



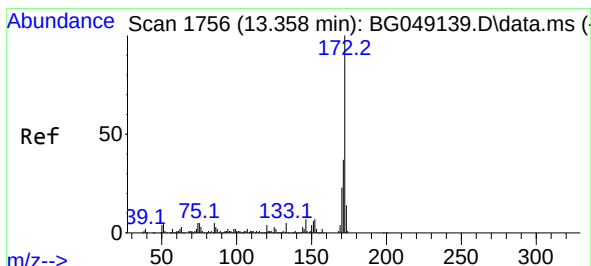
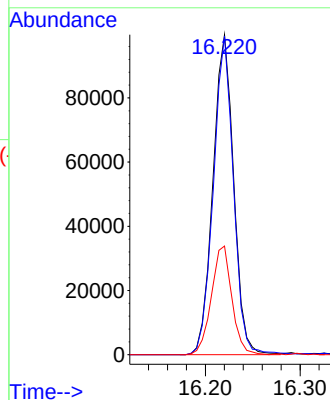
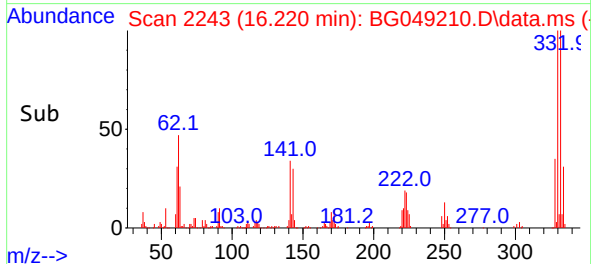


#42
2,4,6-Tribromophenol
Concen: 79.467 ng
RT: 16.220 min Scan# 2243
Delta R.T. 0.004 min
Lab File: BG049210.D
Acq: 7 Jul 2021 22:14

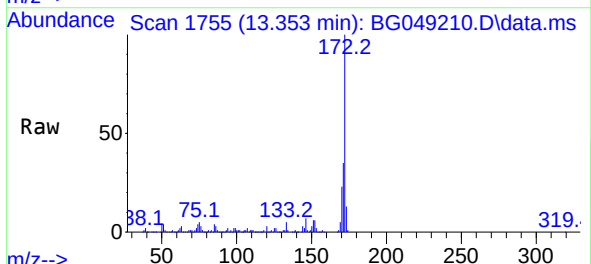
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-3



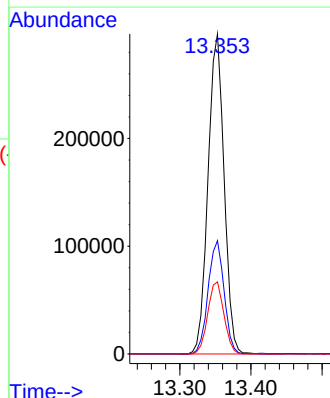
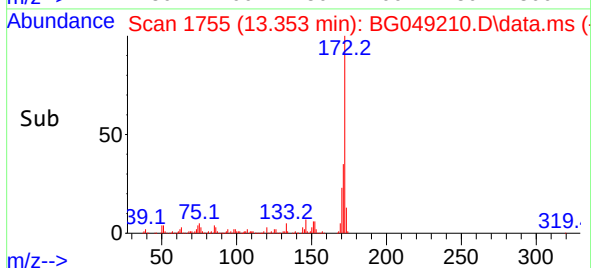
Tgt Ion:330 Resp: 151277
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 33.6 35.6 53.4#

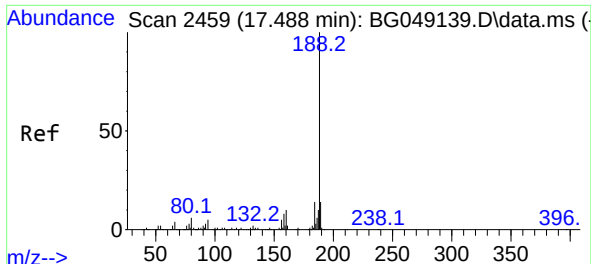


#45
2-Fluorobiphenyl
Concen: 57.393 ng
RT: 13.353 min Scan# 1755
Delta R.T. 0.004 min
Lab File: BG049210.D
Acq: 7 Jul 2021 22:14



Tgt Ion:172 Resp: 467140
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 22.6 18.6 27.8

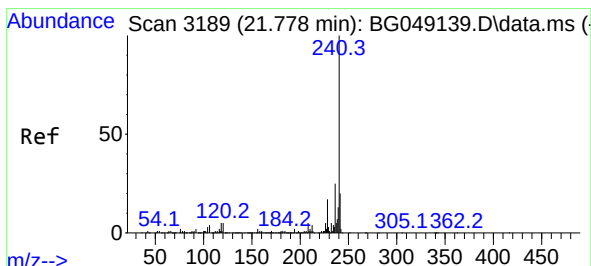
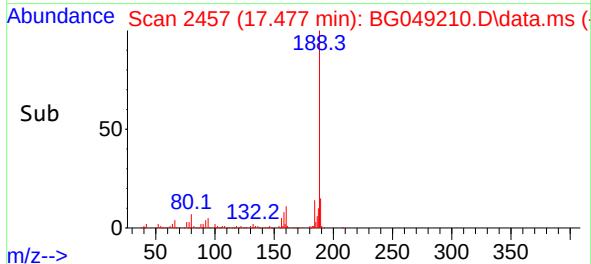
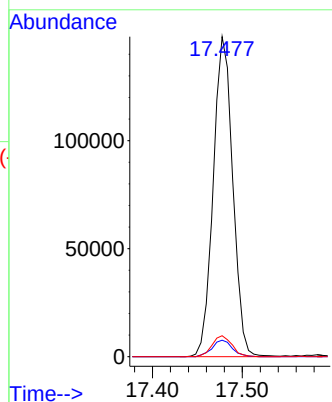
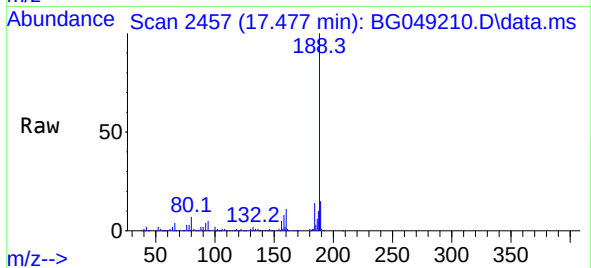




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.477 min Scan# 2457
Delta R.T. -0.002 min
Lab File: BG049210.D
Acq: 7 Jul 2021 22:14

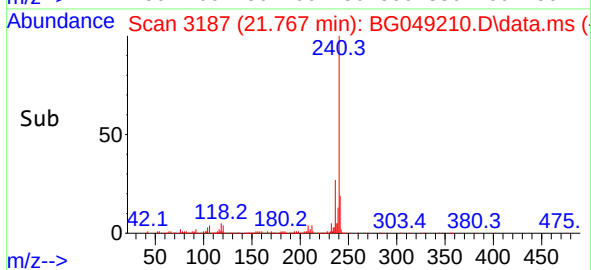
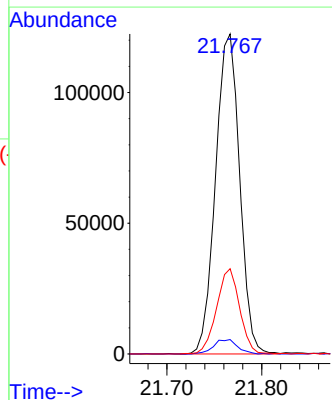
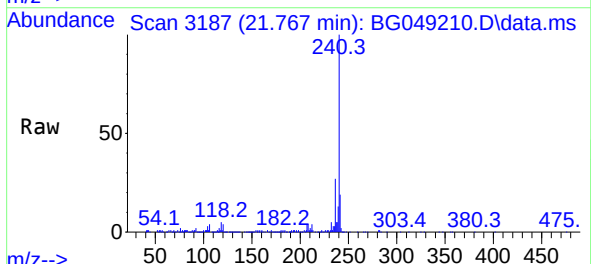
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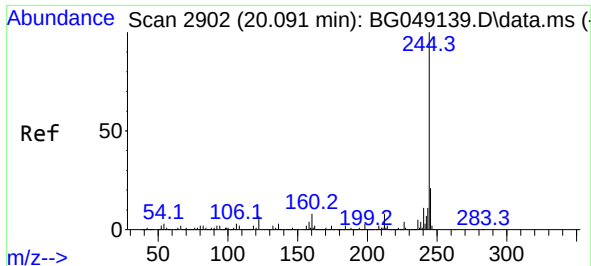
Tgt Ion:188 Resp: 223851
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 6.5 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.767 min Scan# 3187
Delta R.T. 0.004 min
Lab File: BG049210.D
Acq: 7 Jul 2021 22:14

Tgt Ion:240 Resp: 216115
Ion Ratio Lower Upper
240 100
120 4.5 4.2 6.2
236 26.7 21.8 32.6

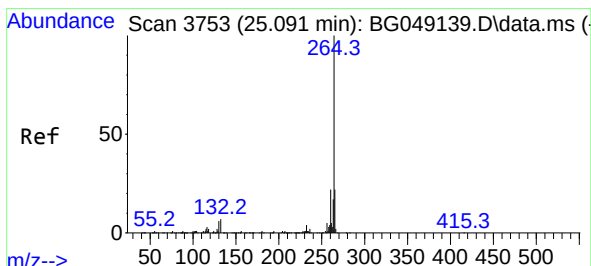
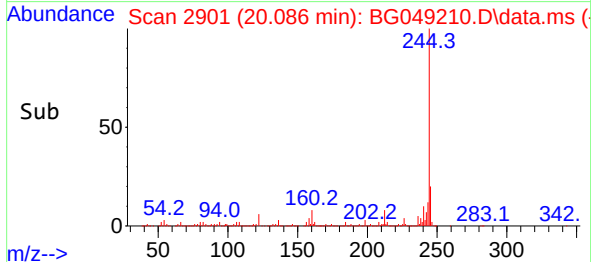
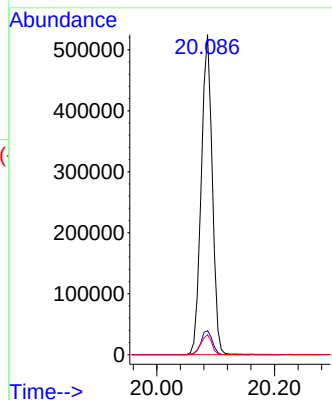
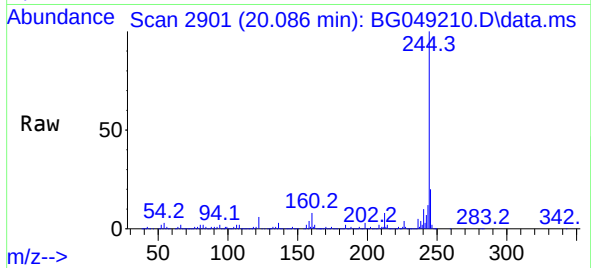




#79
Terphenyl-d14
Concen: 53.425 ng
RT: 20.086 min Scan# 2901
Delta R.T. 0.004 min
Lab File: BG049210.D
Acq: 7 Jul 2021 22:14

Instrument :
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ClientSampleId :
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Tgt Ion:244 Resp: 681364
Ion Ratio Lower Upper
244 100
212 7.5 6.9 10.3
122 6.2 5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.074 min Scan# 3750
Delta R.T. 0.010 min
Lab File: BG049210.D
Acq: 7 Jul 2021 22:14

Tgt Ion:264 Resp: 224695
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 21.4 16.9 25.3

