

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
 Data File : BG049208.D
 Acq On : 7 Jul 2021 20:51
 Operator : CG/JU
 Sample : M2947-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-BANK-5

Quant Time: Jul 08 02:21:57 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	42528	20.000	ng	0.00
21) Naphthalene-d8	10.908	136	166187	20.000	ng	# 0.00
39) Acenaphthene-d10	14.733	164	110258	20.000	ng	0.00
64) Phenanthrene-d10	17.477	188	229627	20.000	ng	# 0.00
76) Chrysene-d12	21.766	240	217888	20.000	ng	0.00
86) Perylene-d12	25.074	264	228234	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	345483	127.239	ng	0.00
7) Phenol-d6	7.247	99	455104	117.563	ng	0.00
23) Nitrobenzene-d5	9.257	82	333200	85.006	ng	0.00
42) 2,4,6-Tribromophenol	16.219	330	239297	125.197	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	706191	86.412	ng	0.00
79) Terphenyl-d14	20.085	244	1015570	78.981	ng	0.00

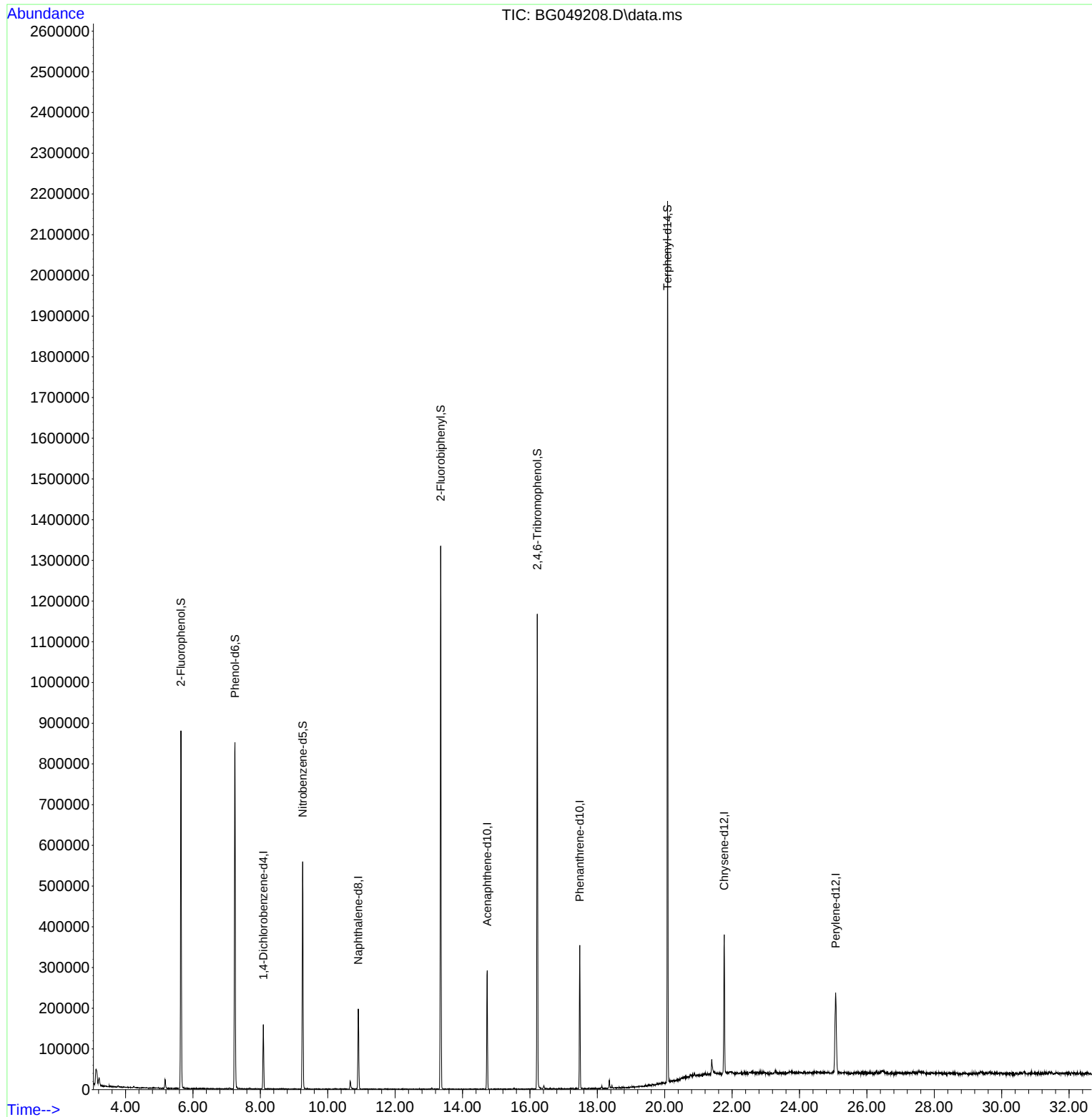
Target Compounds	Qvalue

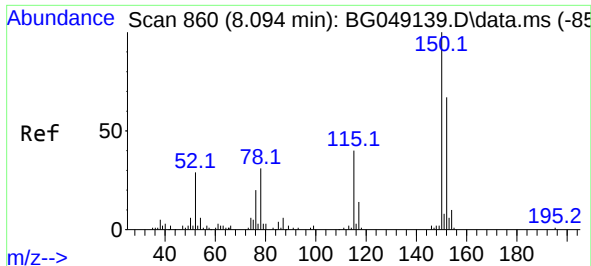
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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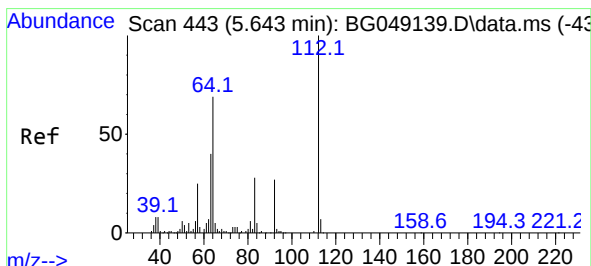
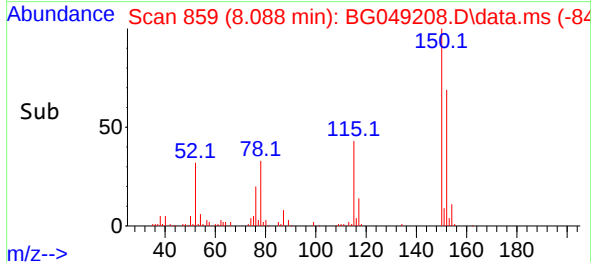
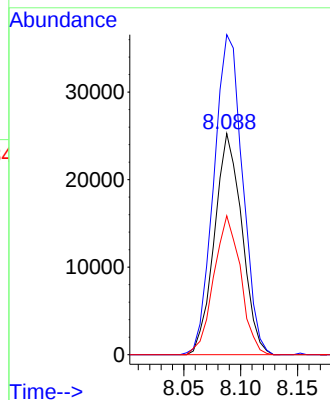
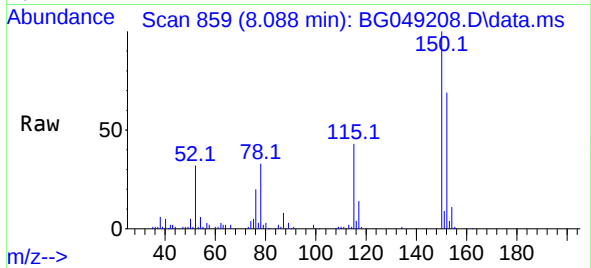




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 859
Delta R.T. -0.003 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

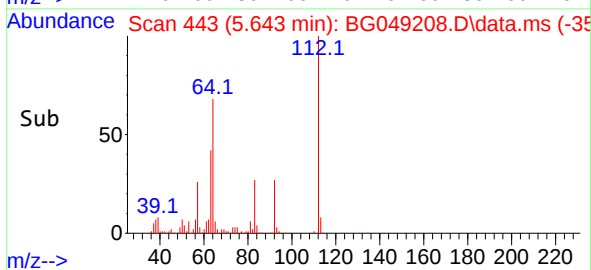
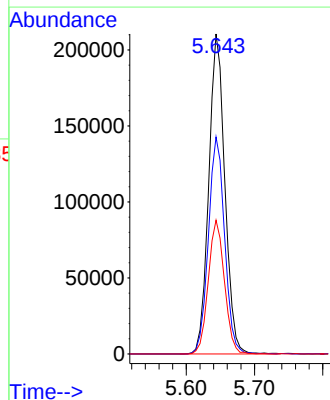
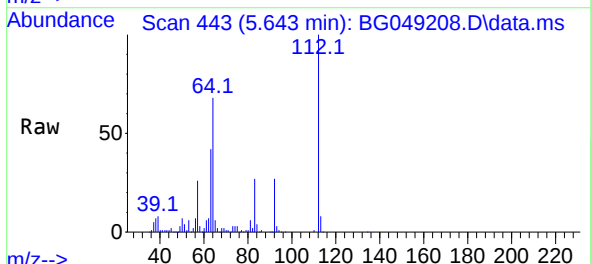
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-5

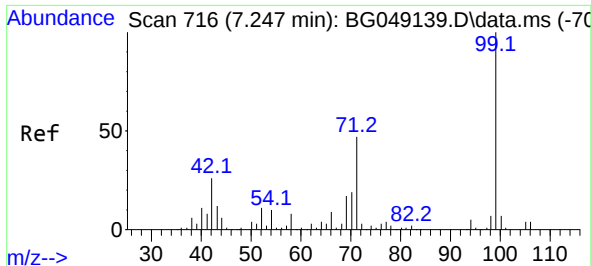
Tgt Ion:152 Resp: 42528
Ion Ratio Lower Upper
152 100
150 144.7 119.4 179.0
115 62.8 60.2 90.4



#5
2-Fluorophenol
Concen: 127.239 ng
RT: 5.643 min Scan# 443
Delta R.T. 0.009 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

Tgt Ion:112 Resp: 345483
Ion Ratio Lower Upper
112 100
64 67.8 46.7 70.1
63 41.8 35.3 52.9

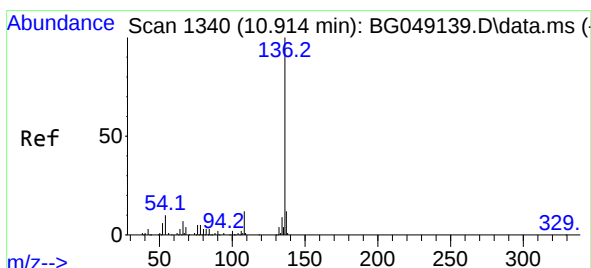
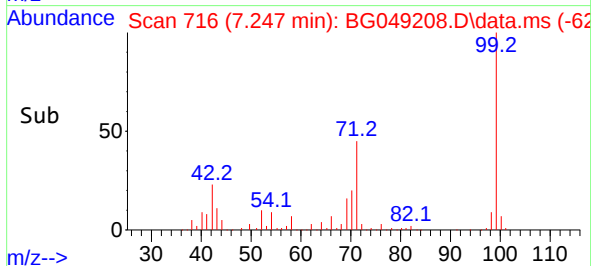
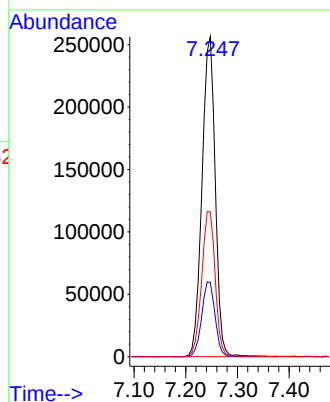
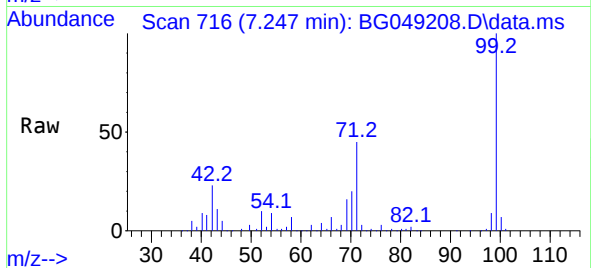




#7
Phenol-d6
Concen: 117.563 ng
RT: 7.247 min Scan# 716
Delta R.T. 0.009 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

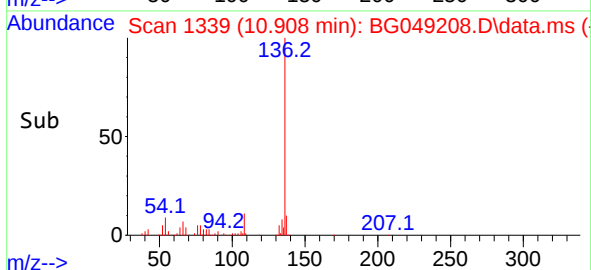
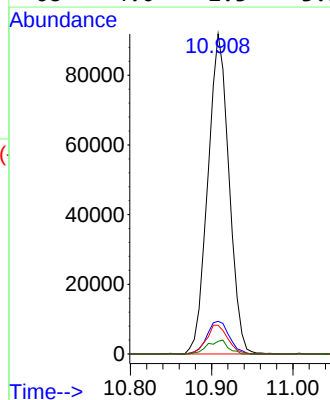
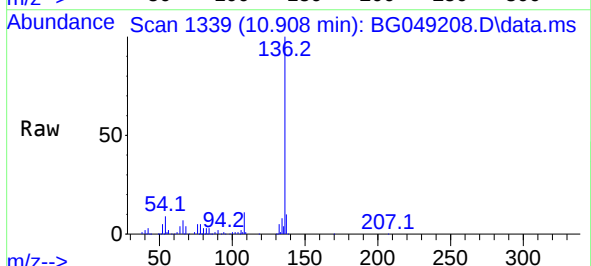
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-5

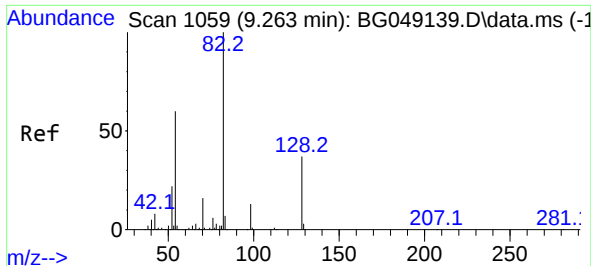
Tgt Ion:	99	Resp:	455104
Ion	Ratio	Lower	Upper
99	100		
42	23.2	20.5	30.7
71	45.3	41.5	62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.908 min Scan# 1339
Delta R.T. 0.003 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

Tgt Ion:	136	Resp:	166187
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.2	12.2
54	8.9	5.5	8.3#
68	4.0	2.3	3.5#

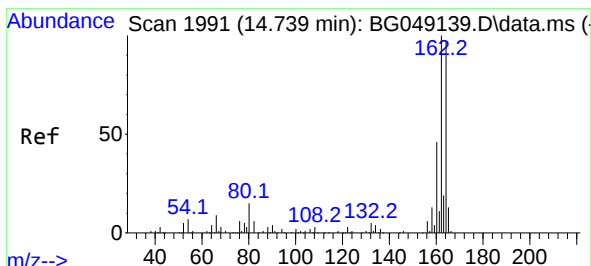
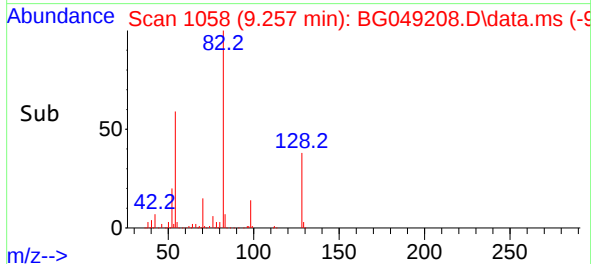
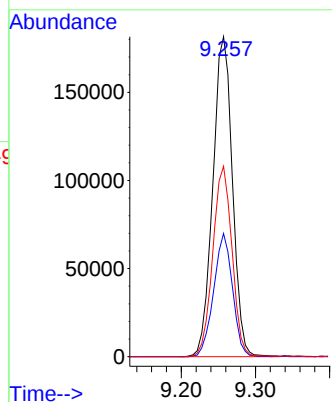
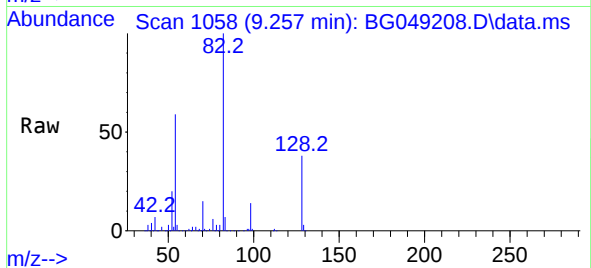




#23
Nitrobenzene-d5
Concen: 85.006 ng
RT: 9.257 min Scan# 1058
Delta R.T. 0.003 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

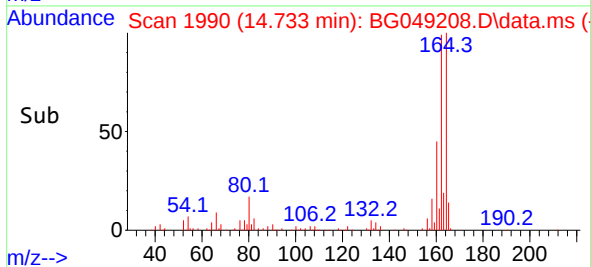
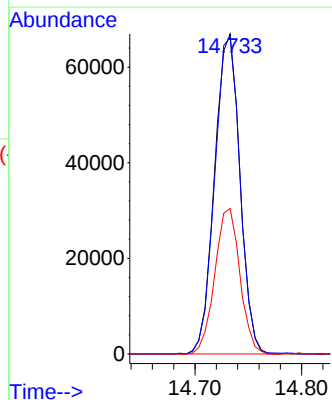
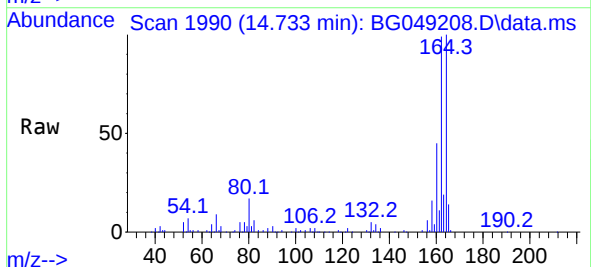
Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-5

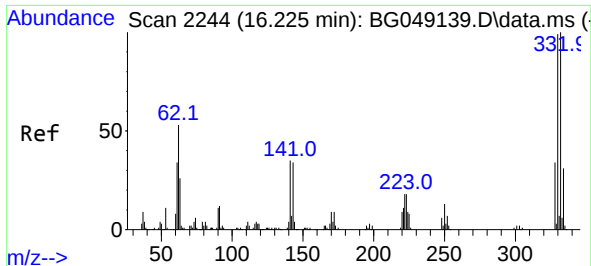
Tgt Ion: 82 Resp: 333200
Ion Ratio Lower Upper
82 100
128 38.5 29.8 44.6
54 59.5 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.733 min Scan# 1990
Delta R.T. 0.003 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

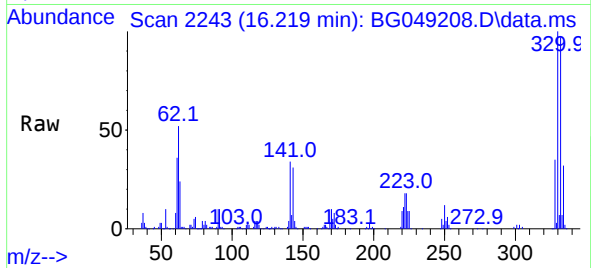
Tgt Ion:164 Resp: 110258
Ion Ratio Lower Upper
164 100
162 98.9 81.4 122.0
160 45.5 34.9 52.3



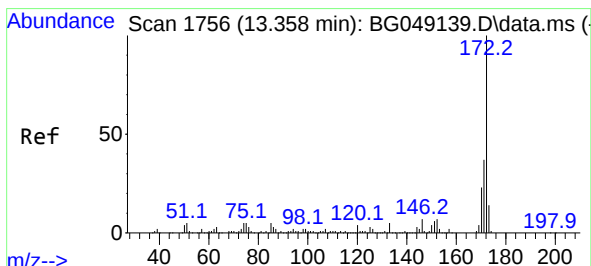
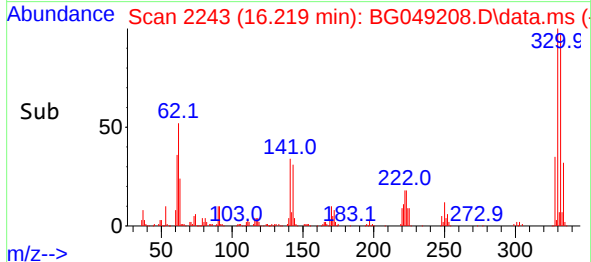
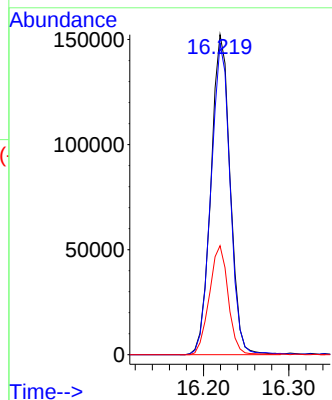


#42
2,4,6-Tribromophenol
Concen: 125.197 ng
RT: 16.219 min Scan# 2243
Delta R.T. 0.003 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

Instrument :
BNA_G
ClientSampleId :
SOIL-BANK-5

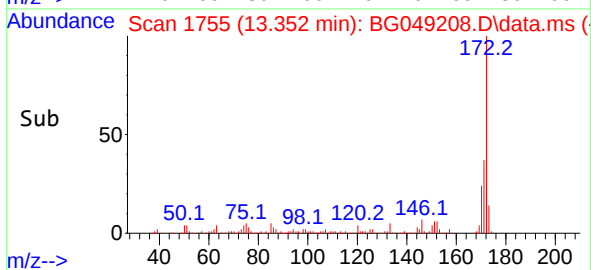
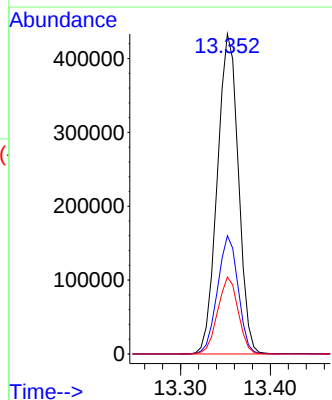
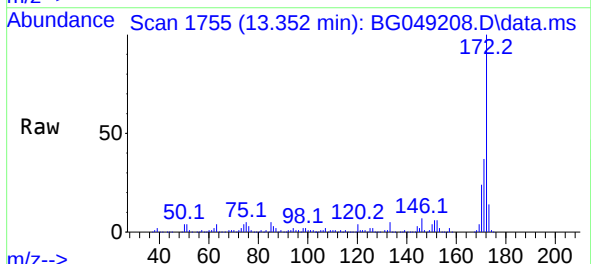


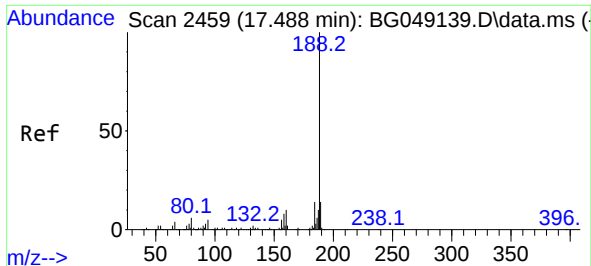
Tgt Ion:330 Resp: 239297
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 33.4 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 86.412 ng
RT: 13.352 min Scan# 1755
Delta R.T. 0.003 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

Tgt Ion:172 Resp: 706191
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 24.1 18.6 27.8

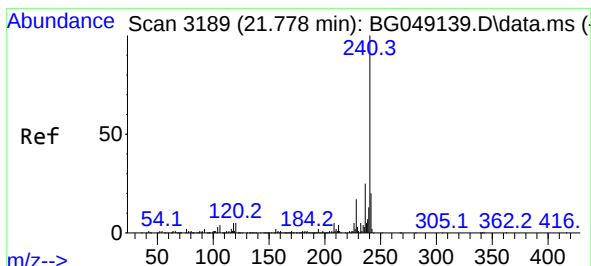
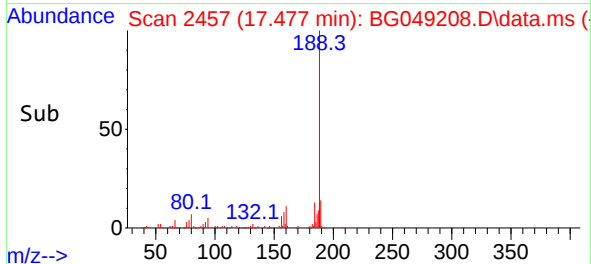
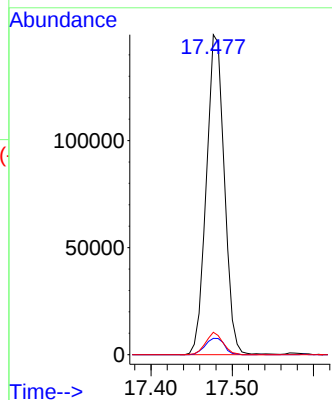
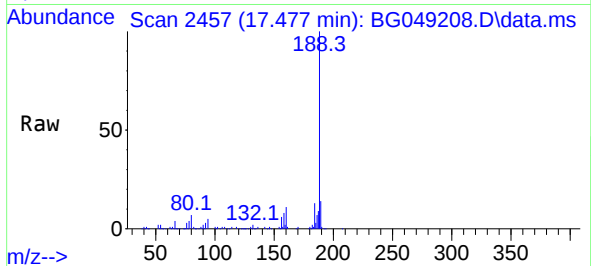




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.477 min Scan# 2457
Delta R.T. -0.003 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

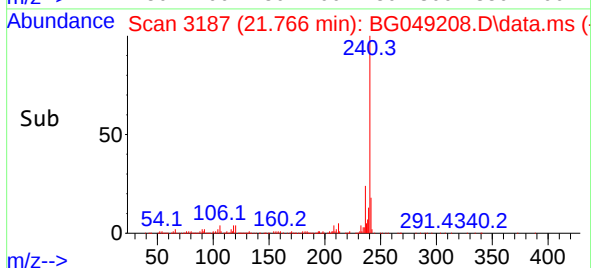
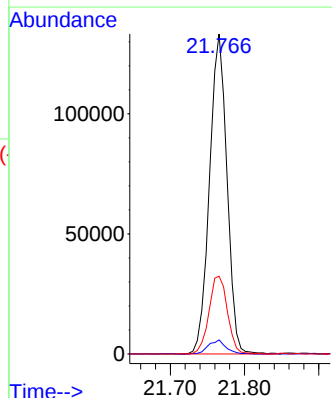
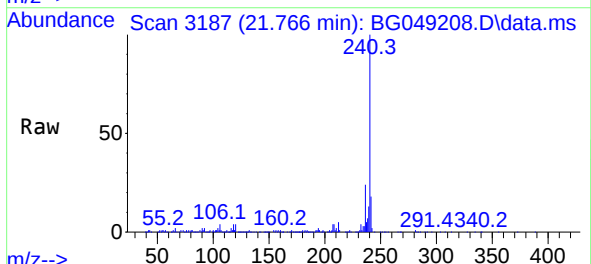
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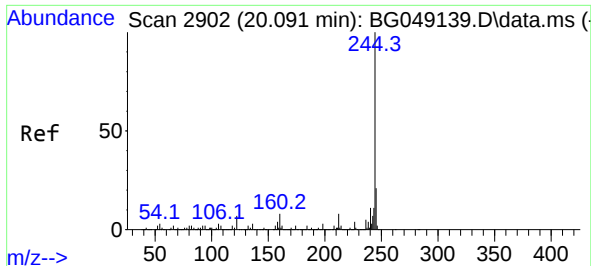
Tgt Ion:188 Resp: 229627
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 7.0 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.766 min Scan# 3187
Delta R.T. 0.003 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

Tgt Ion:240 Resp: 217888
Ion Ratio Lower Upper
240 100
120 4.4 4.2 6.2
236 24.3 21.8 32.6

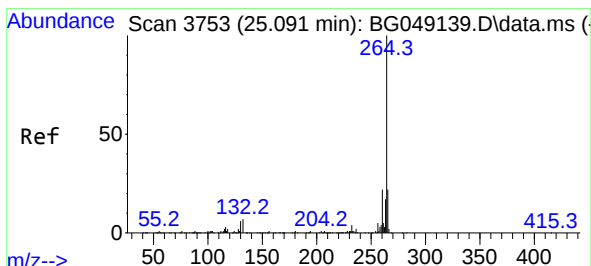
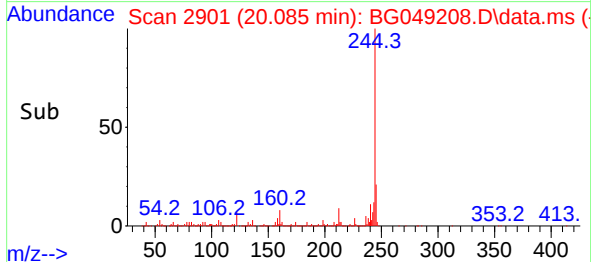
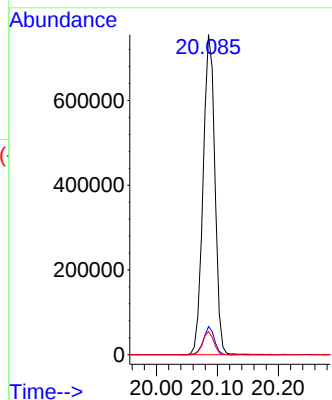
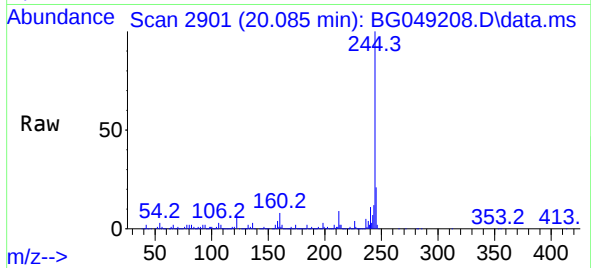




#79
Terphenyl-d14
Concen: 78.981 ng
RT: 20.085 min Scan# 2901
Delta R.T. 0.003 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

Instrument :
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Tgt Ion:244 Resp: 1015570
Ion Ratio Lower Upper
244 100
212 8.8 6.9 10.3
122 7.3 5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.074 min Scan# 3750
Delta R.T. 0.009 min
Lab File: BG049208.D
Acq: 7 Jul 2021 20:51

Tgt Ion:264 Resp: 228234
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 22.9 16.9 25.3

