

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048466.D
 Acq On : 23 Mar 2021 6:43
 Operator : CG/JU
 Sample : M1709-02 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PSHQ-SOIL

Quant Time: Mar 23 07:19:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 22 11:22:24 2021
 Response via : Initial Calibration

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

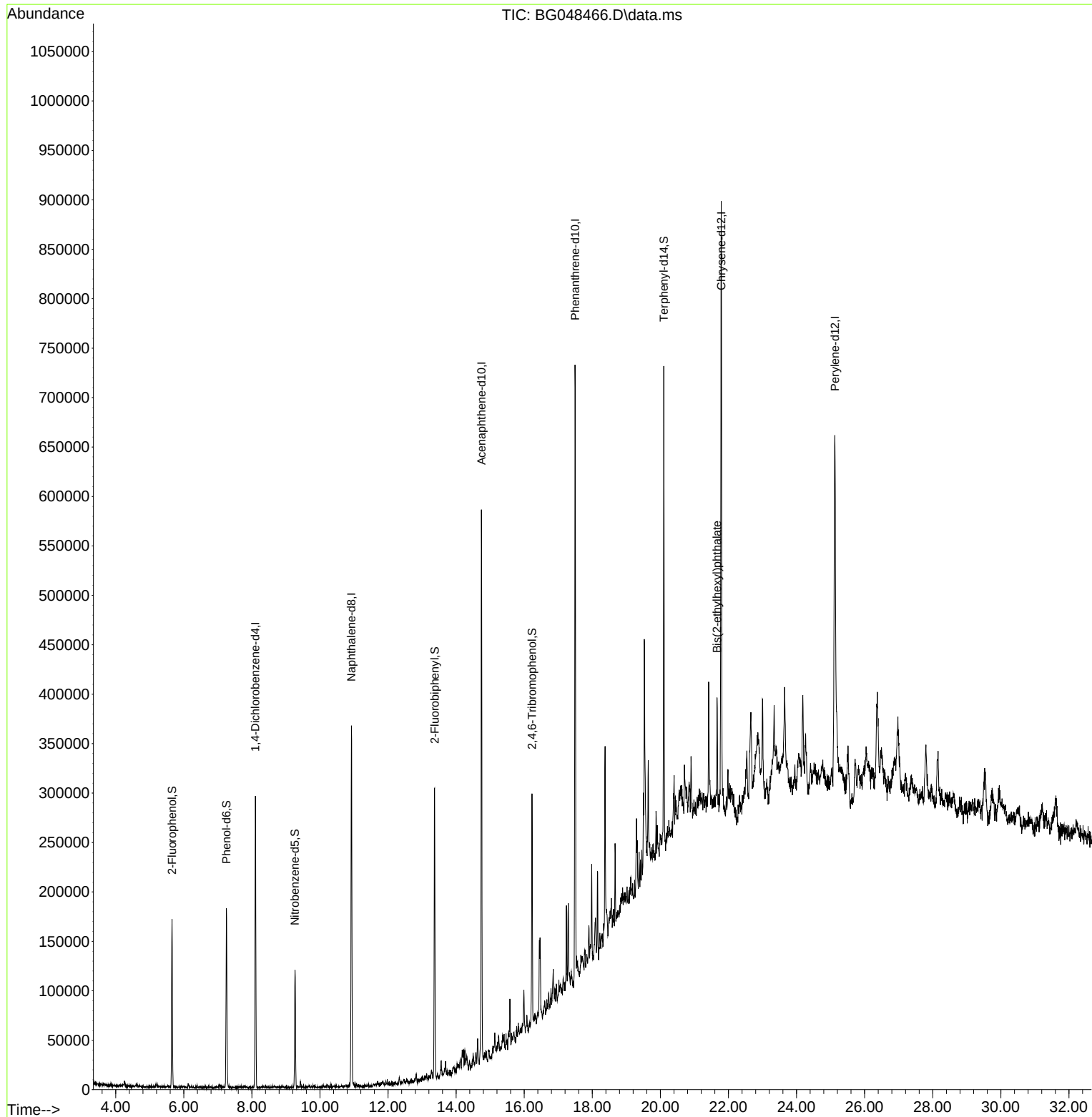
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	75193	20.00	ng	# 0.00
21) Naphthalene-d8	10.924	136	282485	20.00	ng	# 0.00
39) Acenaphthene-d10	14.743	164	198581	20.00	ng	0.00
64) Phenanthrene-d10	17.493	188	405205	20.00	ng	# 0.00
76) Chrysene-d12	21.788	240	395241	20.00	ng	# 0.00
86) Perylene-d12	25.125	264	406388	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	65247	14.35	ng	0.00
7) Phenol-d6	7.252	99	92834	14.03	ng	0.00
23) Nitrobenzene-d5	9.267	82	70370	9.96	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	44558	13.80	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	151965	11.01	ng	0.00
79) Terphenyl-d14	20.102	244	217525	9.93	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.665	149	40071	3.01	ng	Qvalue 95

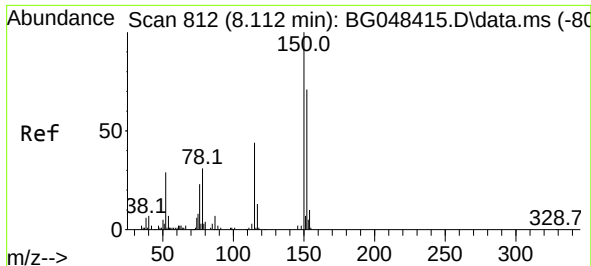
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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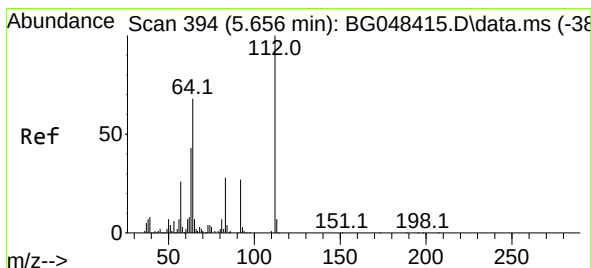
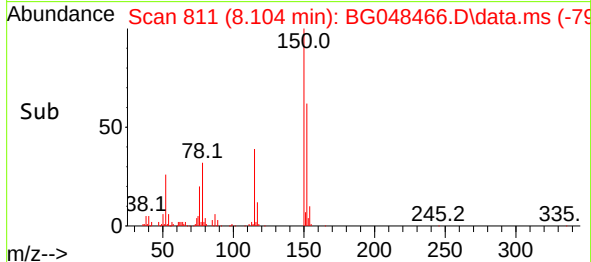
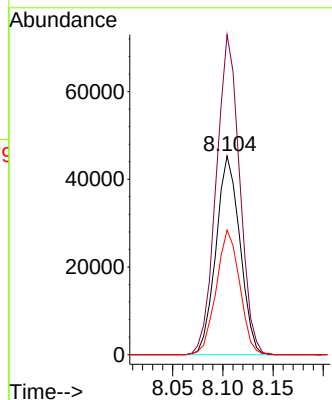
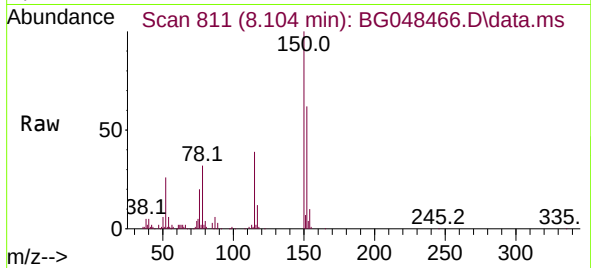




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.104 min Scan# 811
Delta R.T. 0.001 min
Lab File: BG048466.D
Acq: 23 Mar 2021 6:43

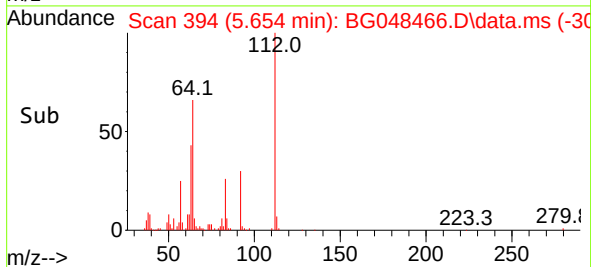
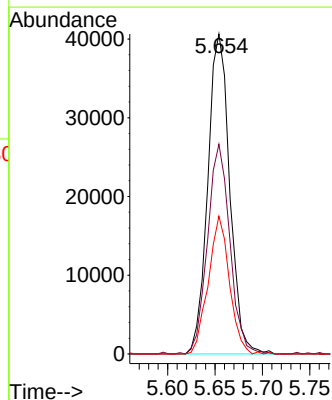
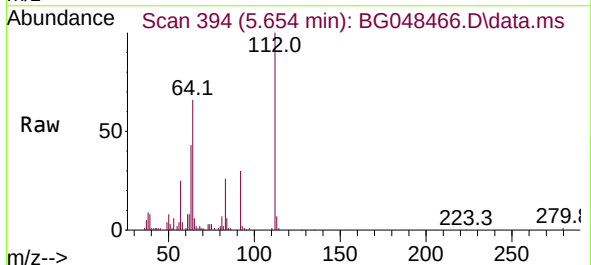
Instrument :
BNA_G
ClientSampleId :
PSHQ-SOIL

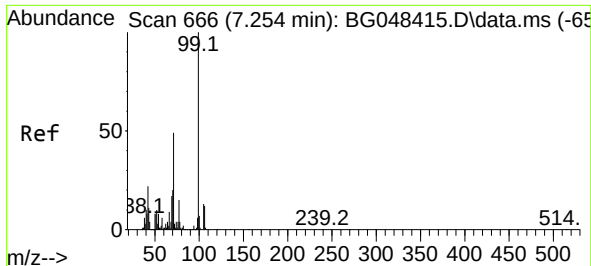
Tgt Ion:152 Resp: 75193
Ion Ratio Lower Upper
152 100
150 161.0 125.0 187.6
115 62.7 41.8 62.6#



#5
2-Fluorophenol
Concen: 14.35 ng
RT: 5.654 min Scan# 394
Delta R.T. 0.007 min
Lab File: BG048466.D
Acq: 23 Mar 2021 6:43

Tgt Ion:112 Resp: 65247
Ion Ratio Lower Upper
112 100
64 65.5 46.7 70.1
63 43.1 22.8 34.2#

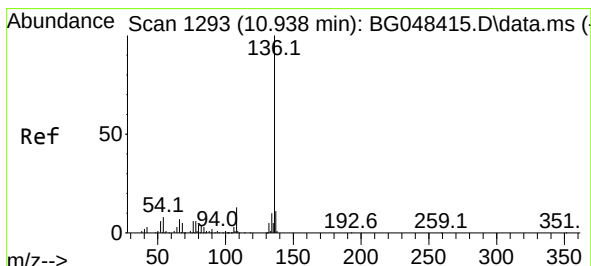
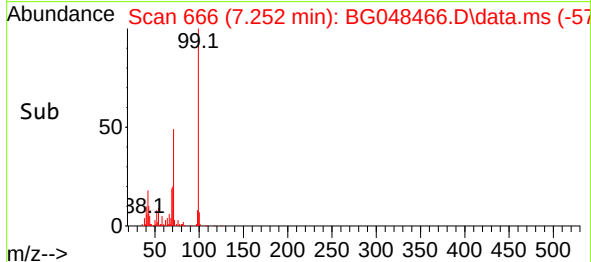
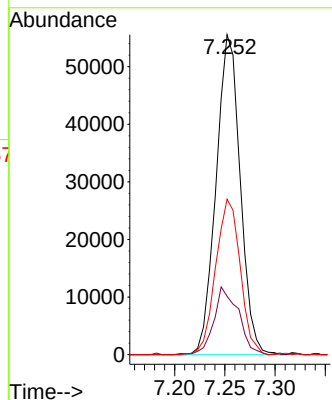
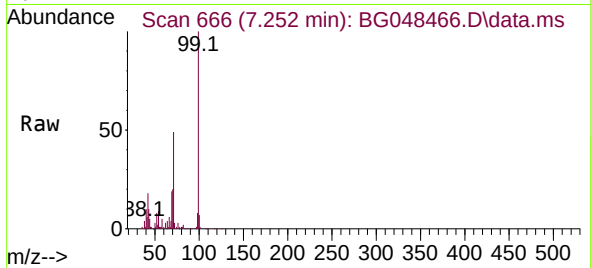




#7
Phenol-d6
Concen: 14.03 ng
RT: 7.252 min Scan# 666
Delta R.T. 0.001 min
Lab File: BG048466.D
Acq: 23 Mar 2021 6:43

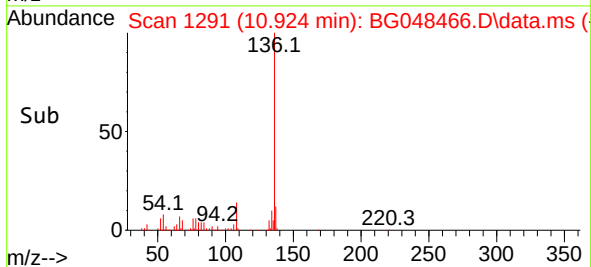
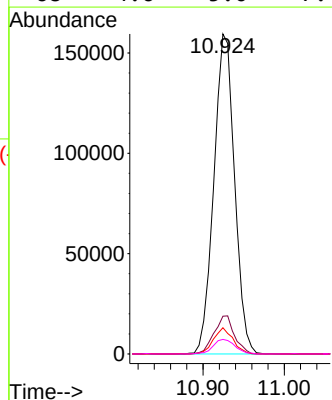
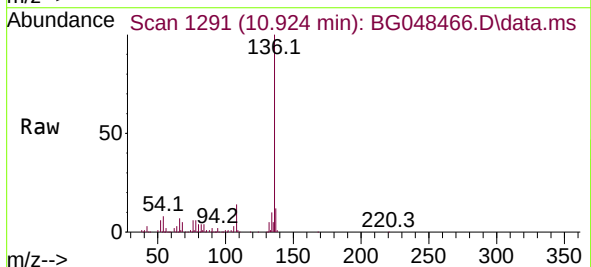
Instrument :
BNA_G
ClientSampleId :
PSHQ-SOIL

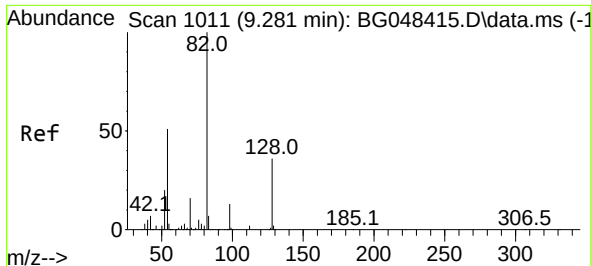
Tgt Ion: 99 Resp: 92834
Ion Ratio Lower Upper
99 100
42 18.3 12.8 19.2
71 48.6 24.6 36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.924 min Scan# 1291
Delta R.T. -0.004 min
Lab File: BG048466.D
Acq: 23 Mar 2021 6:43

Tgt Ion: 136 Resp: 282485
Ion Ratio Lower Upper
136 100
137 11.8 9.1 13.7
54 8.2 6.2 9.4
68 4.6 5.0 7.4#

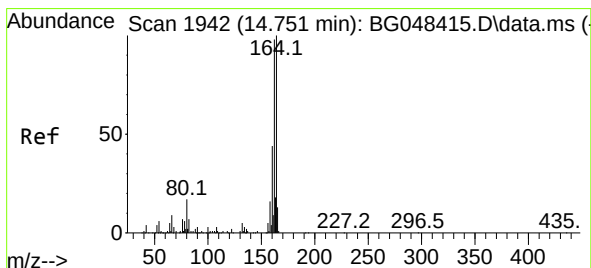
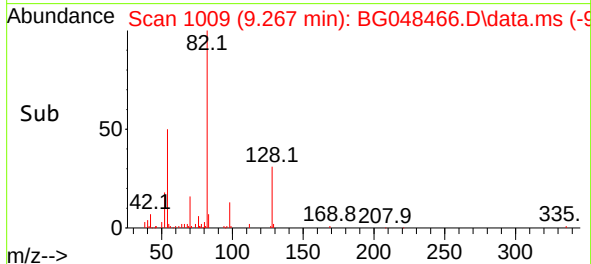
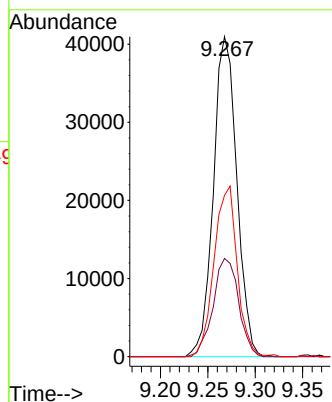
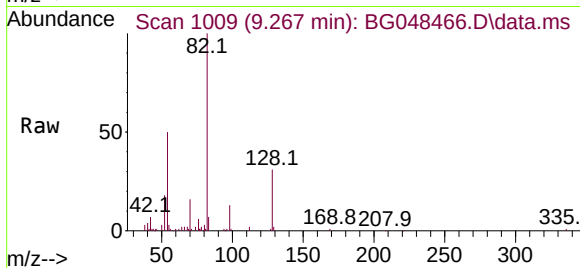




#23
Nitrobenzene-d5
Concen: 9.96 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.004 min
Lab File: BG048466.D
Acq: 23 Mar 2021 6:43

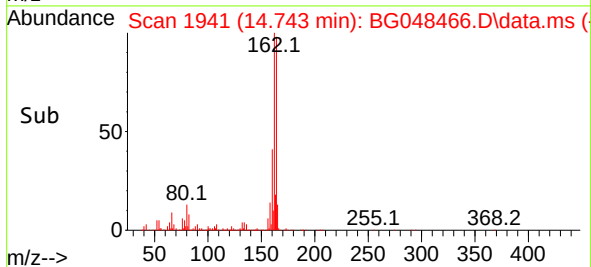
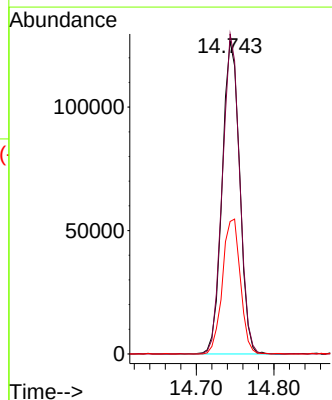
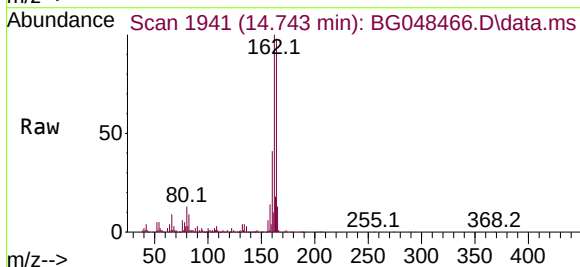
Instrument :
BNA_G
ClientSampleId :
PSHQ-SOIL

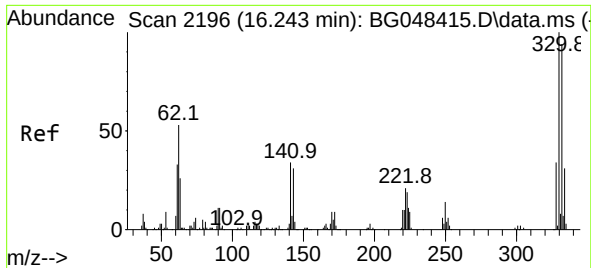
Tgt Ion: 82 Resp: 70370
Ion Ratio Lower Upper
82 100
128 30.7 37.0 55.6#
54 50.4 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.004 min
Lab File: BG048466.D
Acq: 23 Mar 2021 6:43

Tgt Ion: 164 Resp: 198581
Ion Ratio Lower Upper
164 100
162 102.3 82.3 123.5
160 42.4 35.3 52.9

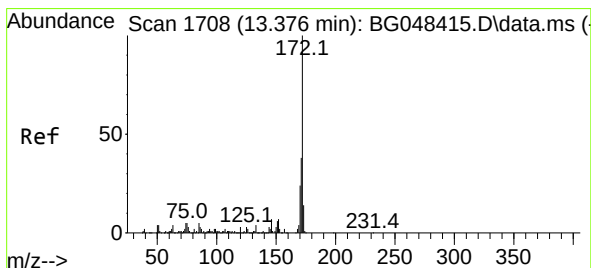
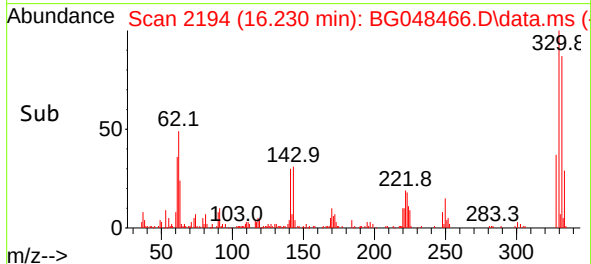
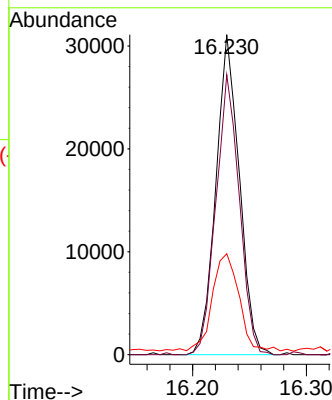
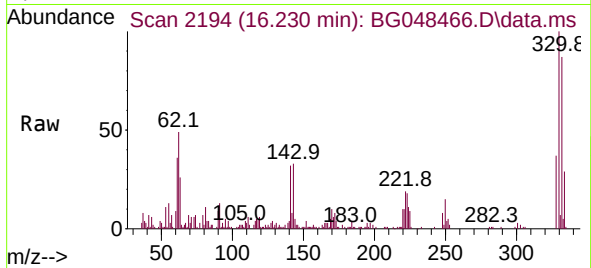




#42
2,4,6-Tribromophenol
Concen: 13.80 ng
RT: 16.230 min Scan# 2194
Delta R.T. -0.004 min
Lab File: BG048466.D
Acq: 23 Mar 2021 6:43

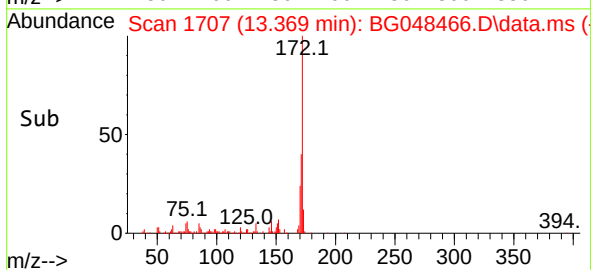
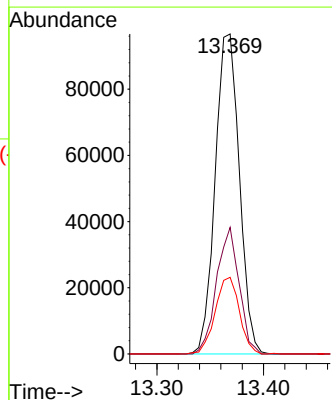
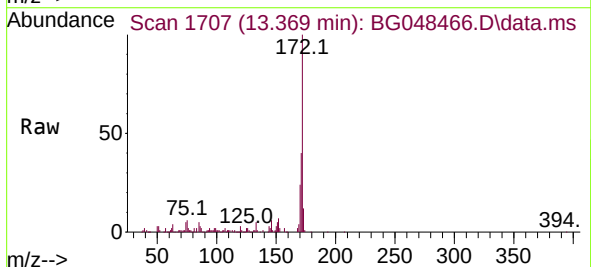
Instrument :
BNA_G
ClientSampleId :
PSHQ-SOIL

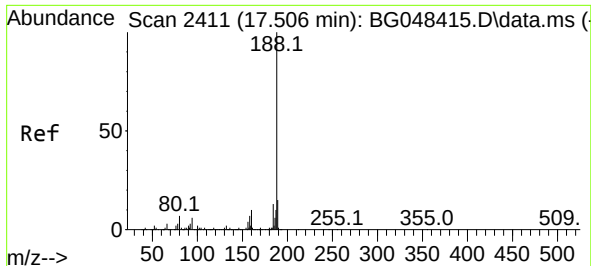
Tgt Ion:330 Resp: 44558
Ion Ratio Lower Upper
330 100
332 87.2 76.5 114.7
141 35.1 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 11.01 ng
RT: 13.369 min Scan# 1707
Delta R.T. 0.001 min
Lab File: BG048466.D
Acq: 23 Mar 2021 6:43

Tgt Ion:172 Resp: 151965
Ion Ratio Lower Upper
172 100
171 39.5 31.3 46.9
170 24.0 20.8 31.2

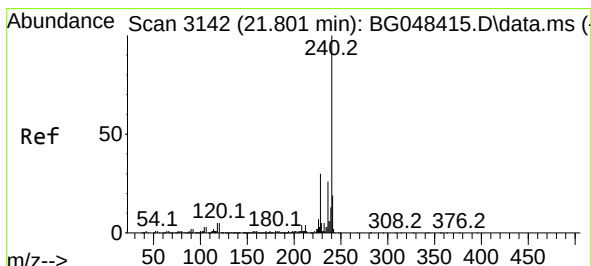
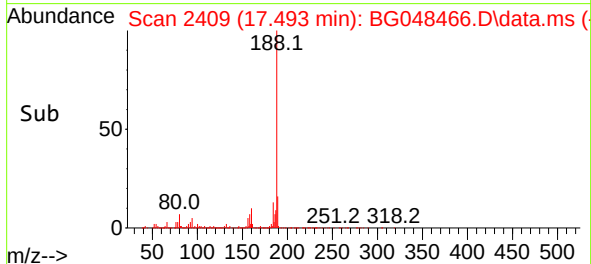
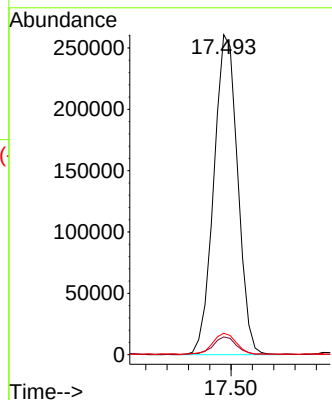
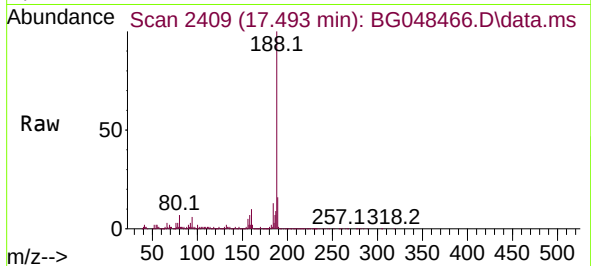




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.493 min Scan# 2409
Delta R.T. -0.004 min
Lab File: BG048466.D
Acq: 23 Mar 2021 6:43

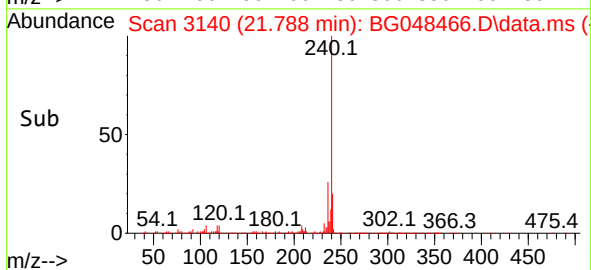
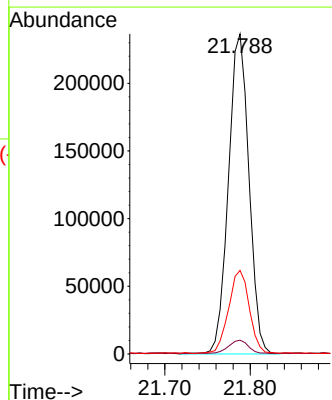
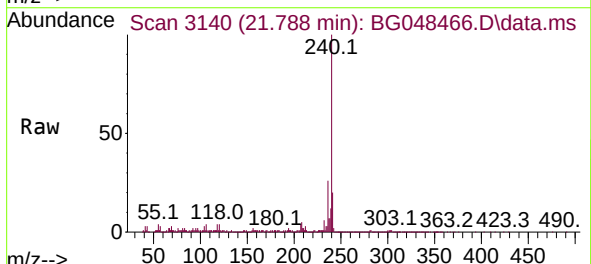
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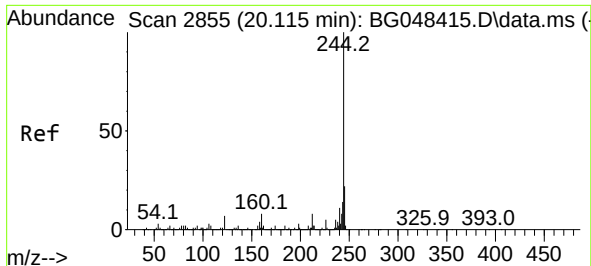
Tgt Ion:188 Resp: 405205
Ion Ratio Lower Upper
188 100
94 5.6 6.3 9.5#
80 6.7 7.0 10.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.788 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BG048466.D
Acq: 23 Mar 2021 6:43

Tgt Ion:240 Resp: 395241
Ion Ratio Lower Upper
240 100
120 4.3 6.2 9.4#
236 26.1 20.5 30.7

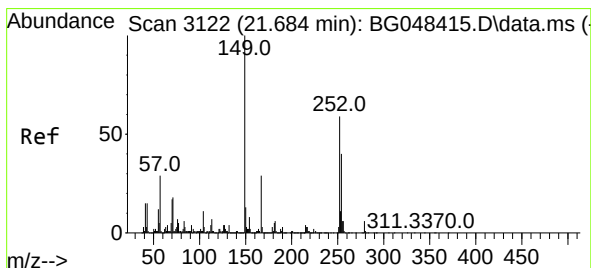
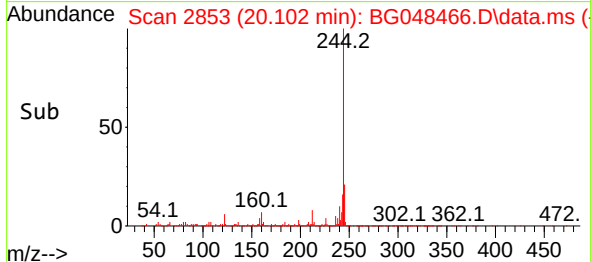
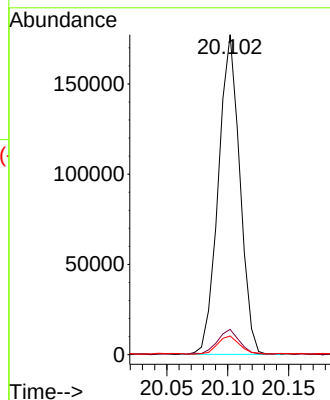
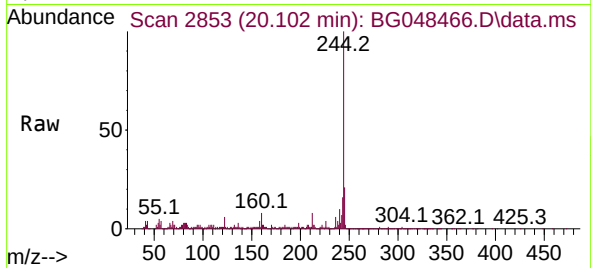




#79
 Terphenyl-d14
 Concen: 9.93 ng
 RT: 20.102 min Scan# 2853
 Delta R.T. -0.004 min
 Lab File: BG048466.D
 Acq: 23 Mar 2021 6:43

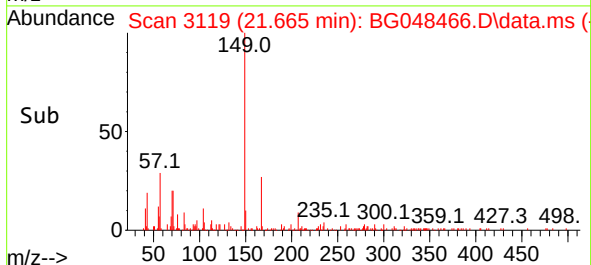
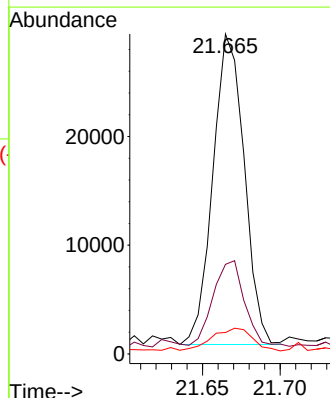
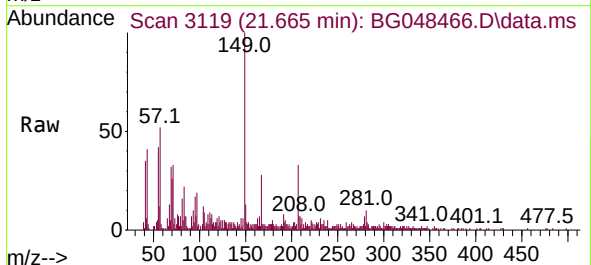
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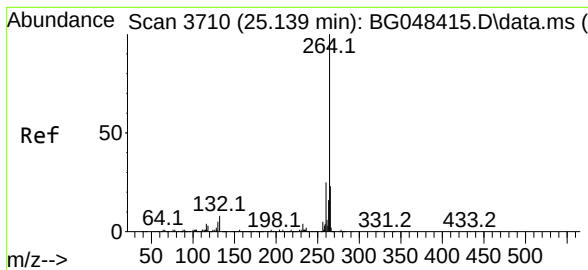
Tgt Ion:244 Resp: 217525
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.7 10.1
 122 5.8 7.8 11.6#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.01 ng
 RT: 21.665 min Scan# 3119
 Delta R.T. -0.004 min
 Lab File: BG048466.D
 Acq: 23 Mar 2021 6:43

Tgt Ion:149 Resp: 40071
 Ion Ratio Lower Upper
 149 100
 167 28.0 24.8 37.2
 279 6.7 4.6 7.0





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.125 min Scan# 3708
 Delta R.T. 0.001 min
 Lab File: BG048466.D
 Acq: 23 Mar 2021 6:43

Instrument :
 BNA_G
 ClientSampleId :
 PSHQ-SOIL

Tgt Ion:	264	Resp:	406388
Ion Ratio	Lower	Upper	
264	100		
260	26.9	18.8	28.2
265	24.7	17.8	26.8

