

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037305.D
 Acq On : 13 Oct 2018 00:13
 Operator : JU/SJ
 Sample : J5395-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PH-SOIL

Quant Time: Oct 13 00:49:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	53874	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	223007	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	145293	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	395450	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	385421	20.00	ng	-0.01
87) Perylene-d12	25.13	264	383784	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	359873	117.56	ng	0.00
7) Phenol-d6	7.25	99	443687	95.49	ng	0.00
23) Nitrobenzene-d5	9.29	82	317938	93.73	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	193837	136.03	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	741303	76.62	ng	0.00
79) Terphenyl-d14	20.10	244	1419436	77.33	ng	0.00

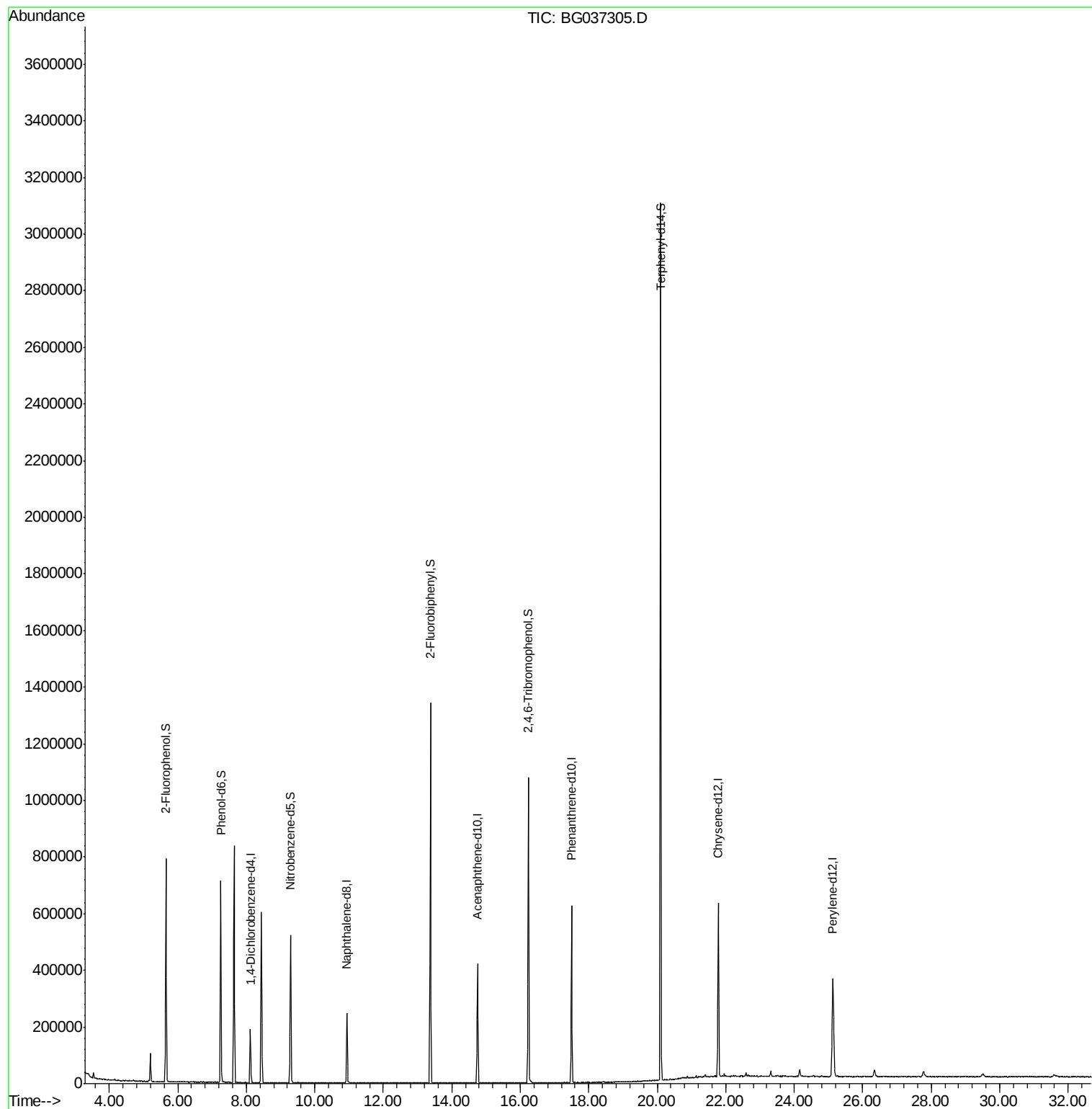
Target Compounds Qvalue

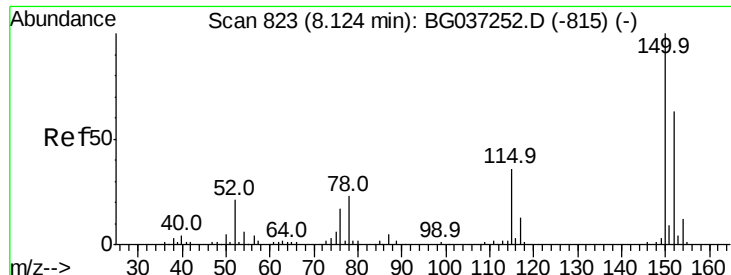
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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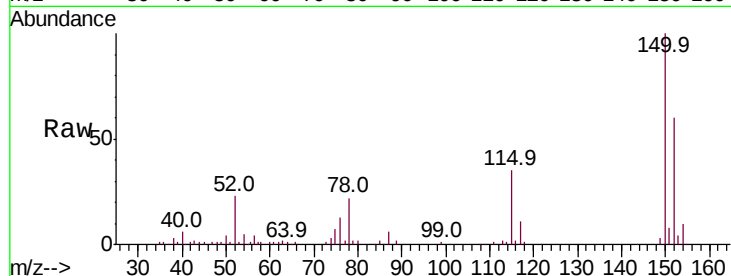


#1

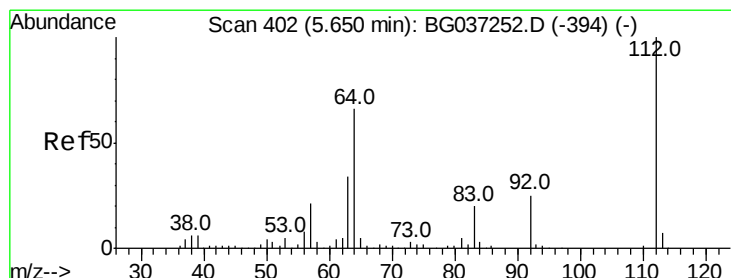
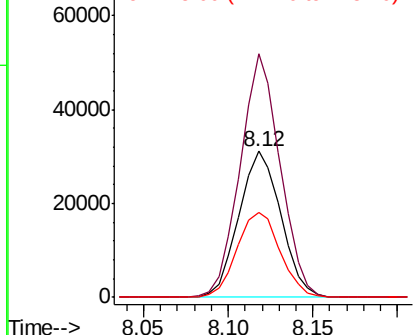
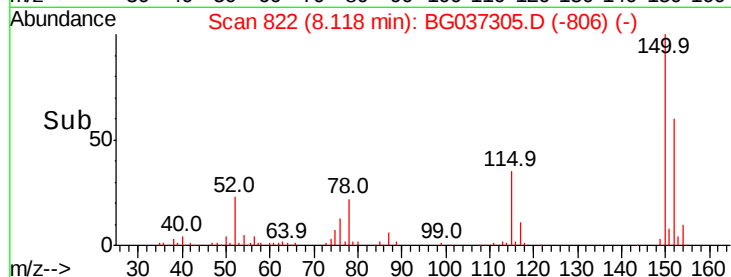
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037305.D
Acq: 13 Oct 2018 00:13

Instrument :
BNA_G
ClientSampleId :
PH-SOIL

Tot Ion:152 Resp: 53874
Ion Ratio Lower Upper
152 100
150 166.7 126.0 189.0
115 58.0 45.5 68.3



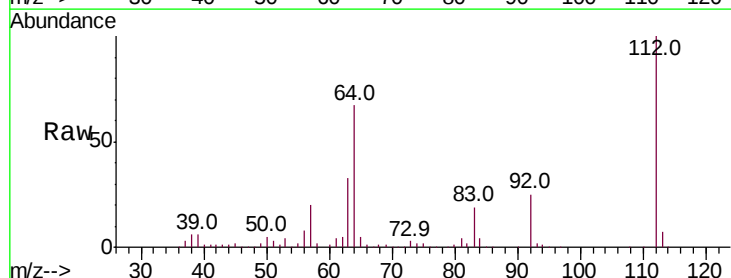
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



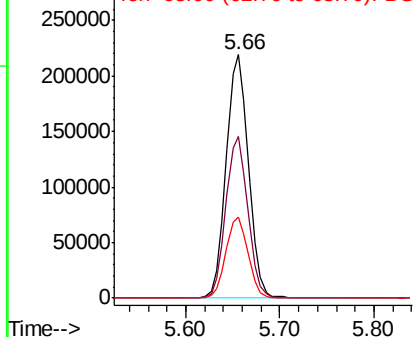
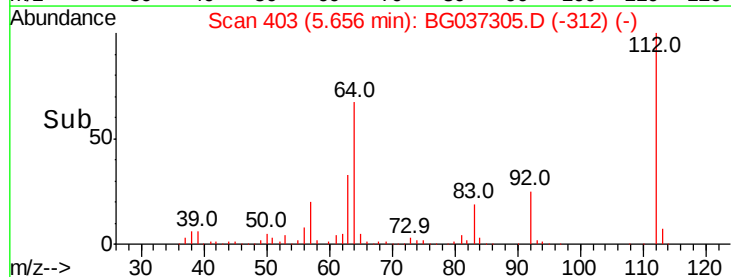
#5

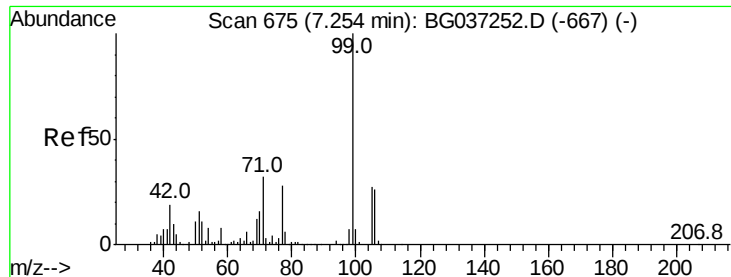
2-Fluorophenol
Concen: 117.560 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037305.D
Acq: 13 Oct 2018 00:13

Tgt Ion:112 Resp: 359873
Ion Ratio Lower Upper
112 100
64 66.5 53.1 79.7
63 33.1 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 95.491 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037305.D

Acq: 13 Oct 2018 00:13

Instrument :

BNA_G

ClientSampleId :

PH-SOIL

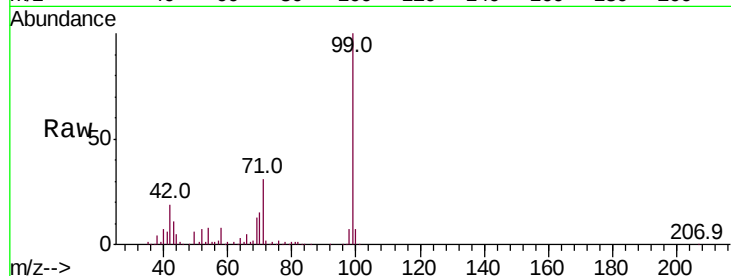
Tot Ion: 99 Resp: 443687

Ion Ratio Lower Upper

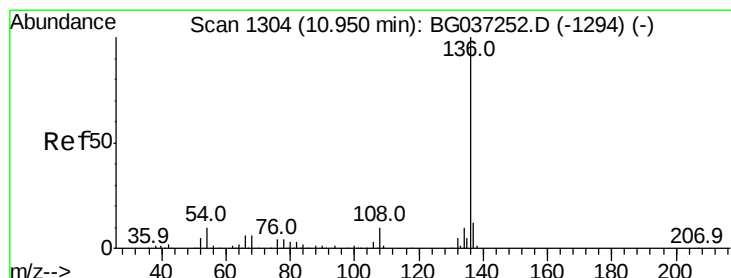
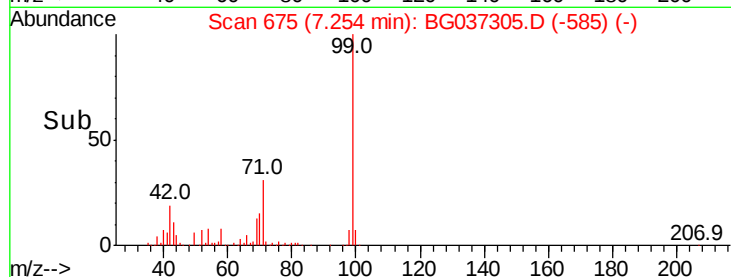
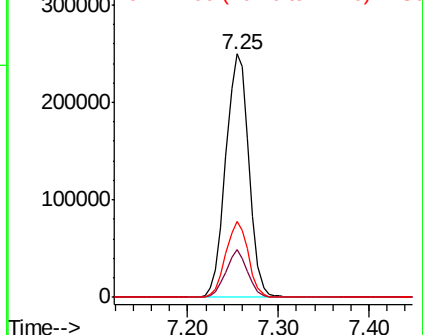
99 100

42 19.4 15.0 22.4

71 31.4 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BG037305.D

Acq: 13 Oct 2018 00:13

Tgt Ion: 136 Resp: 223007

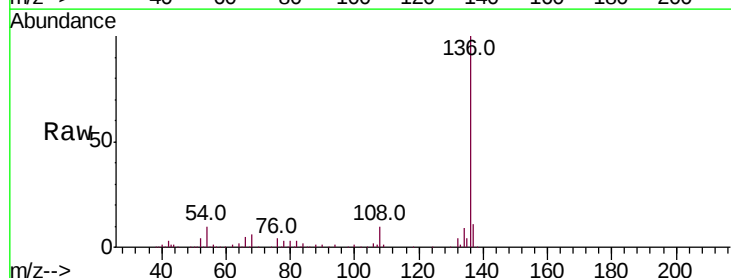
Ion Ratio Lower Upper

136 100

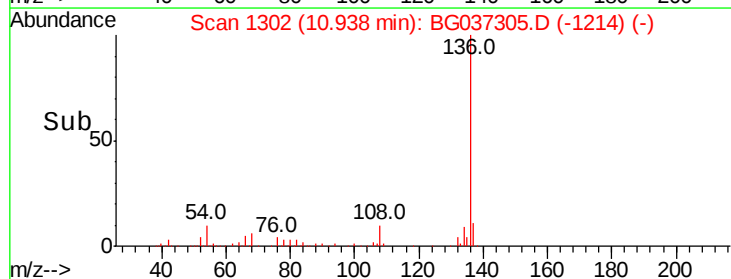
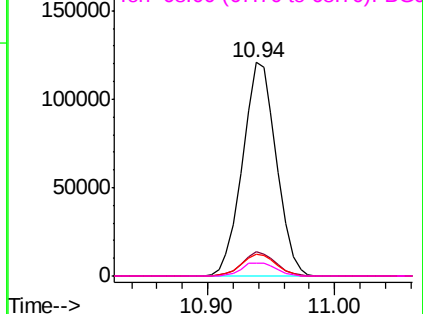
137 11.5 9.6 14.4

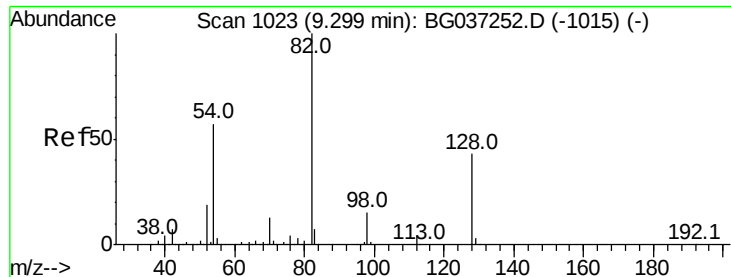
54 10.4 7.9 11.9

68 5.9 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

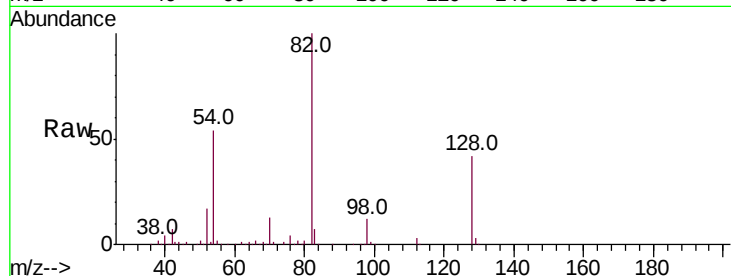




#23
Nitrobenzene-d5
Concen: 93.731 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037305.D
Acq: 13 Oct 2018 00:13

Instrument :
BNA_G
ClientSampleId :
PH-SOIL

Tot Ion	82	Resp	317938
Ion Ratio	Lower	Upper	
82	100		
128	42.3	34.6	51.8
54	53.8	45.3	67.9

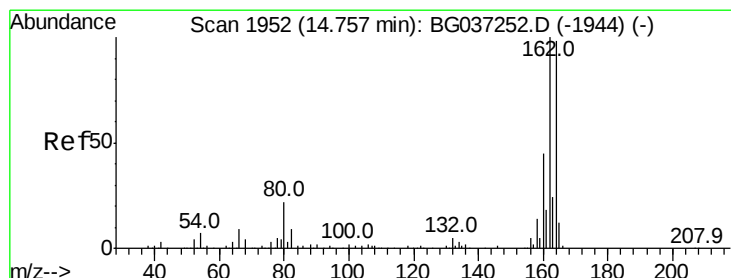
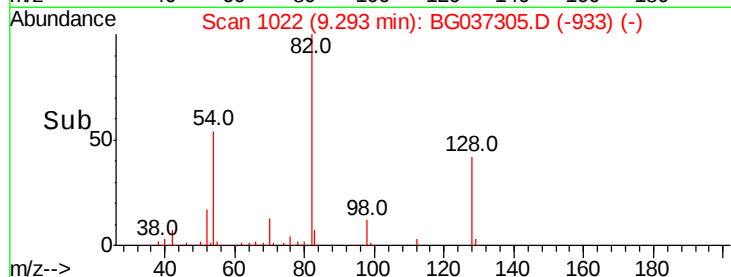
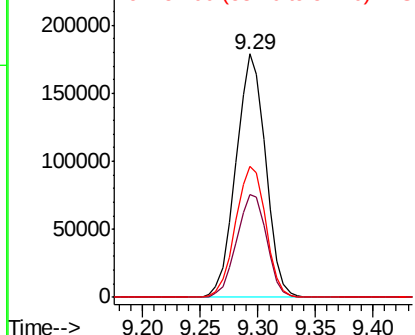


Abundance

Ion 82.00 (81.70 to 82.70): BGC

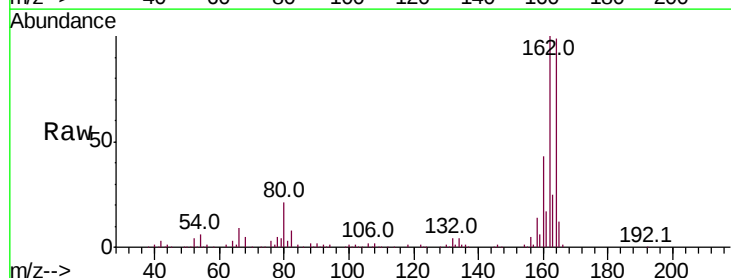
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG037305.D
Acq: 13 Oct 2018 00:13

Tgt Ion	164	Resp	145293
Ion Ratio	Lower	Upper	
164	100		
162	100.9	81.3	121.9
160	43.6	36.3	54.5

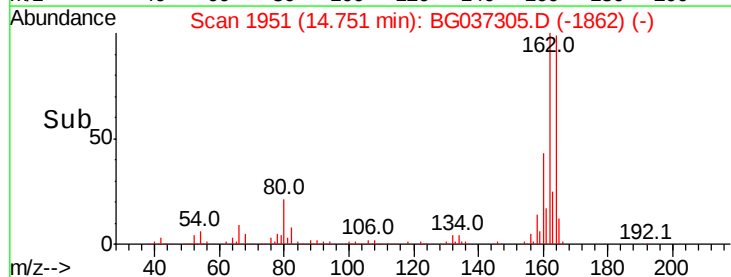
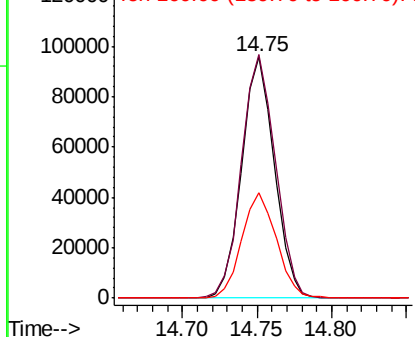


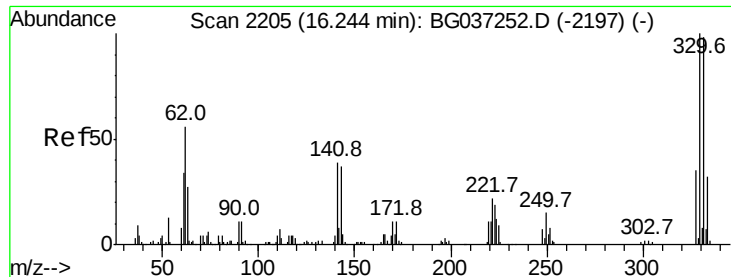
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

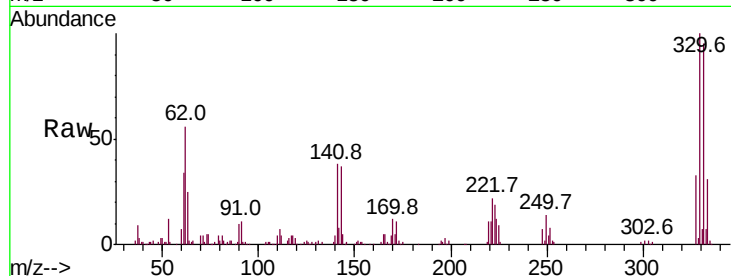




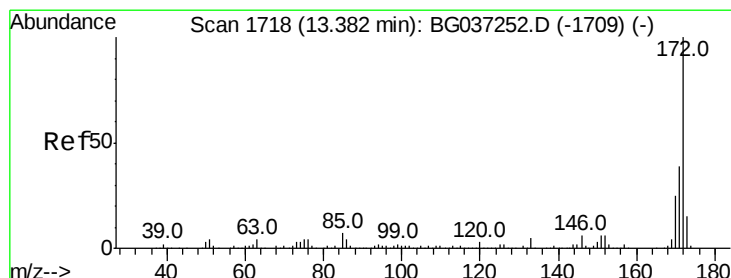
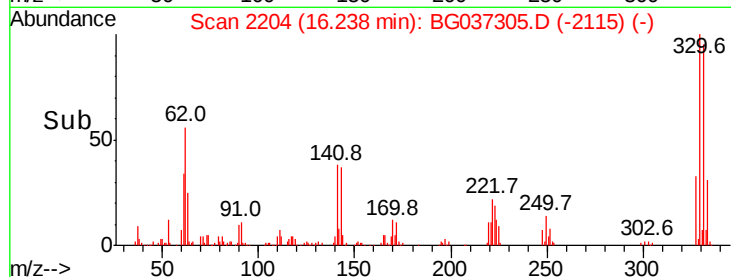
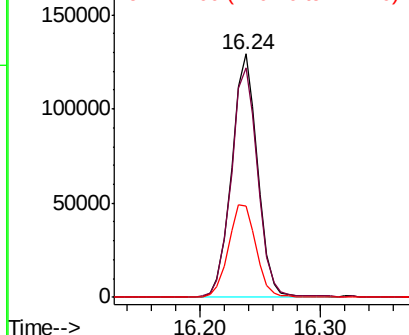
#42
 2,4,6-Tribromophenol
 Concen: 136.034 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG037305.D
 Acq: 13 Oct 2018 00:13

Instrument :
 BNA_G
 ClientSampleId :
 PH-SOIL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.4	117.6
141	40.5	32.2	48.2

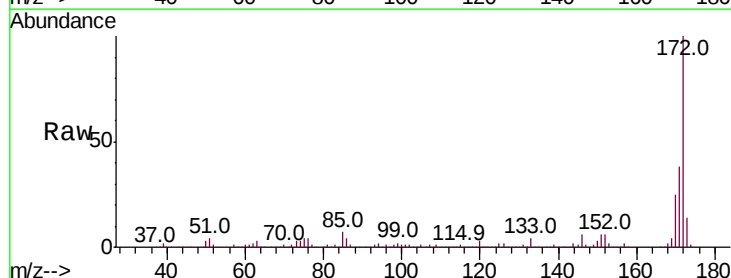


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

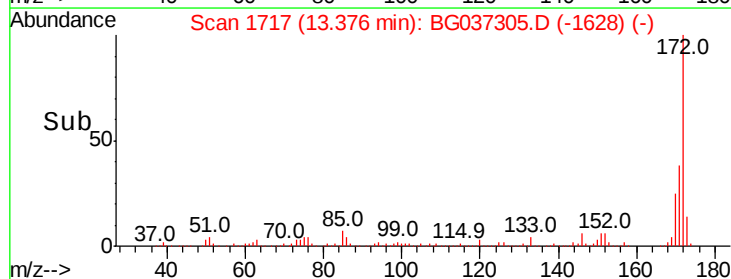
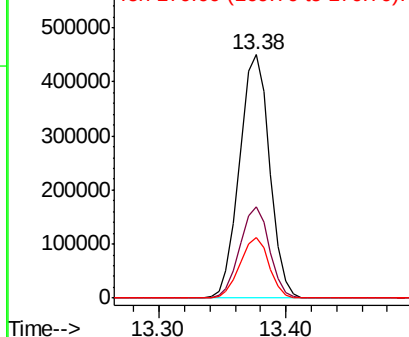


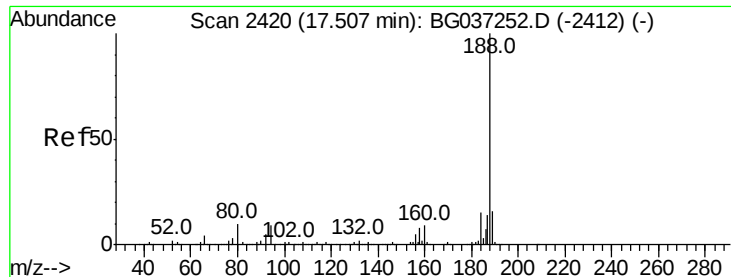
#45
 2-Fluorobiphenyl
 Concen: 76.622 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG037305.D
 Acq: 13 Oct 2018 00:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.0	46.4
170	24.8	20.2	30.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG037305.D

Acq: 13 Oct 2018 00:13

Instrument :

BNA_G

ClientSampleId :

PH-SOIL

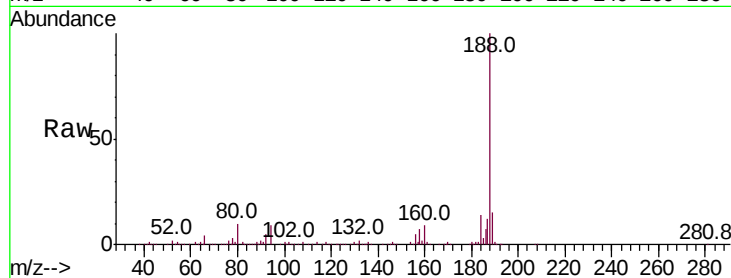
Tot Ion:188 Resp: 395450

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

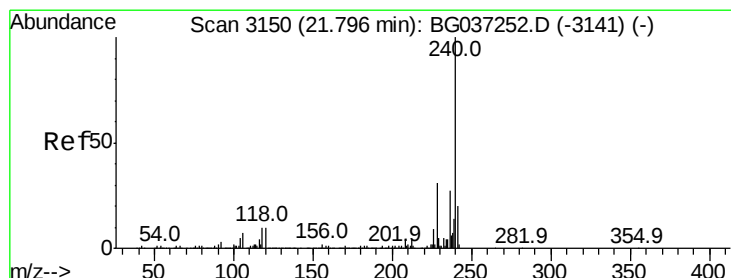
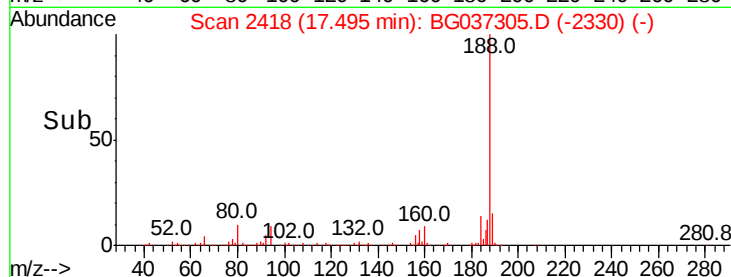
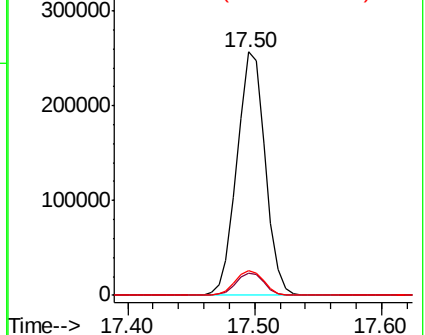
80 10.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG037305.D

Acq: 13 Oct 2018 00:13

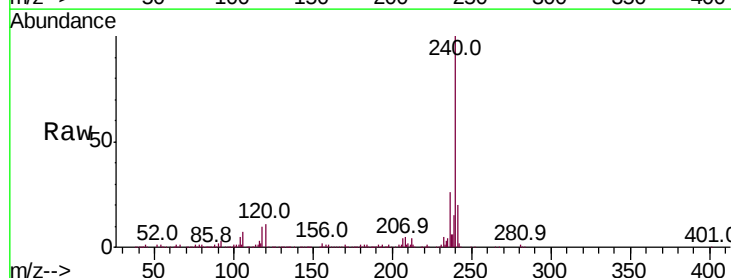
Tgt Ion:240 Resp: 385421

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

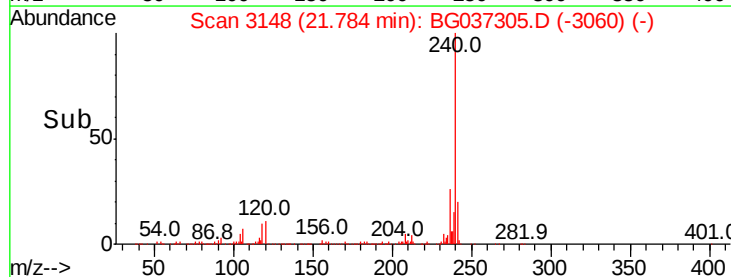
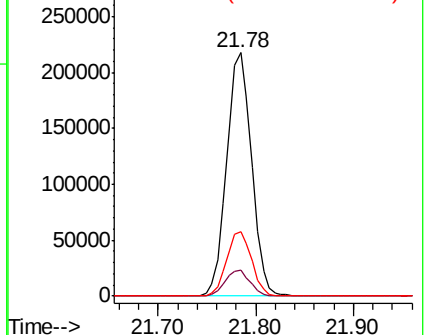
236 26.2 21.4 32.0

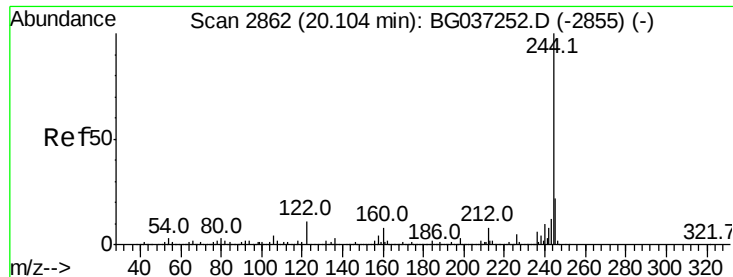


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.330 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG037305.D

Acq: 13 Oct 2018 00:13

Instrument :

BNA_G

ClientSampleId :

PH-SOIL

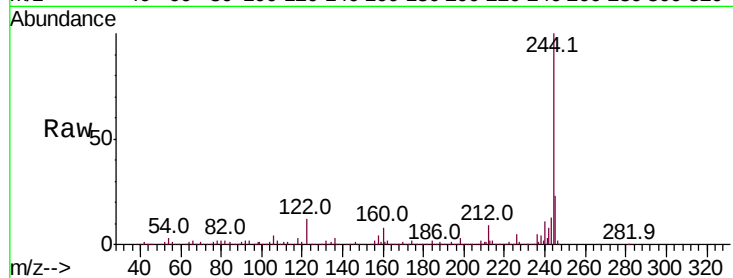
Tot Ion:244 Resp: 1419436

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

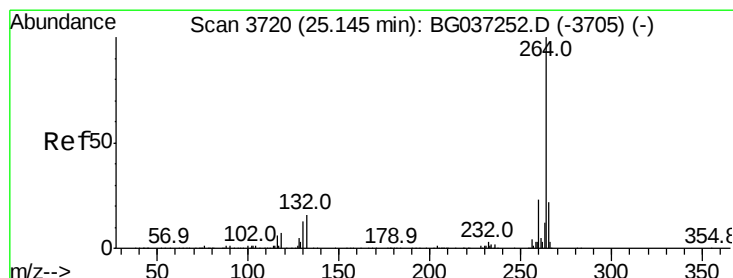
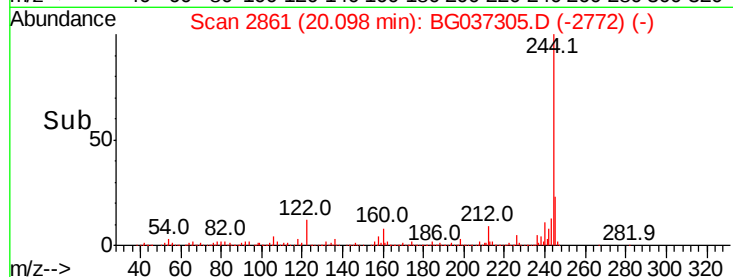
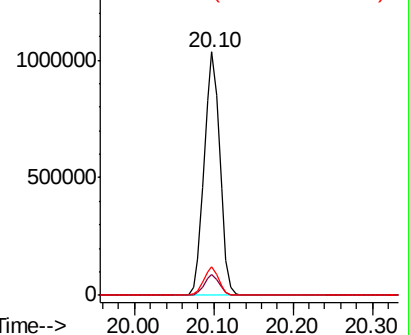
122 11.6 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.13 min Scan# 3717

Delta R.T. -0.02 min

Lab File: BG037305.D

Acq: 13 Oct 2018 00:13

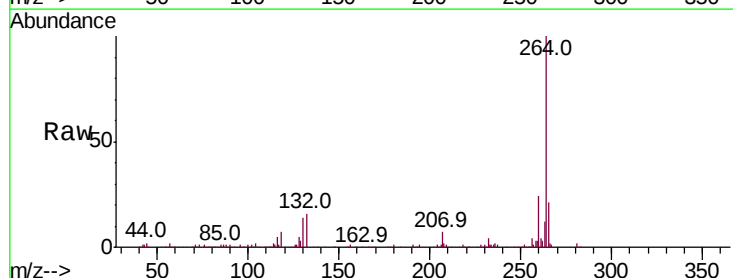
Tgt Ion:264 Resp: 383784

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 21.1 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

