

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038451.D
 Acq On : 10 Dec 2018 22:55
 Operator : JU/SJ
 Sample : J6309-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-20181207-SOIL

Quant Time: Dec 11 04:09:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25121	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	106151	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	69827	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	179866	20.00	ng	0.00
76) Chrysene-d12	21.73	240	175603	20.00	ng	-0.01
87) Perylene-d12	25.04	264	175971	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	192711	135.75	ng	0.00
7) Phenol-d6	7.22	99	243217	118.54	ng	0.00
23) Nitrobenzene-d5	9.24	82	189656	88.70	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	131687	153.62	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	447642	91.35	ng	0.00
79) Terphenyl-d14	20.06	244	869204	106.04	ng	0.00

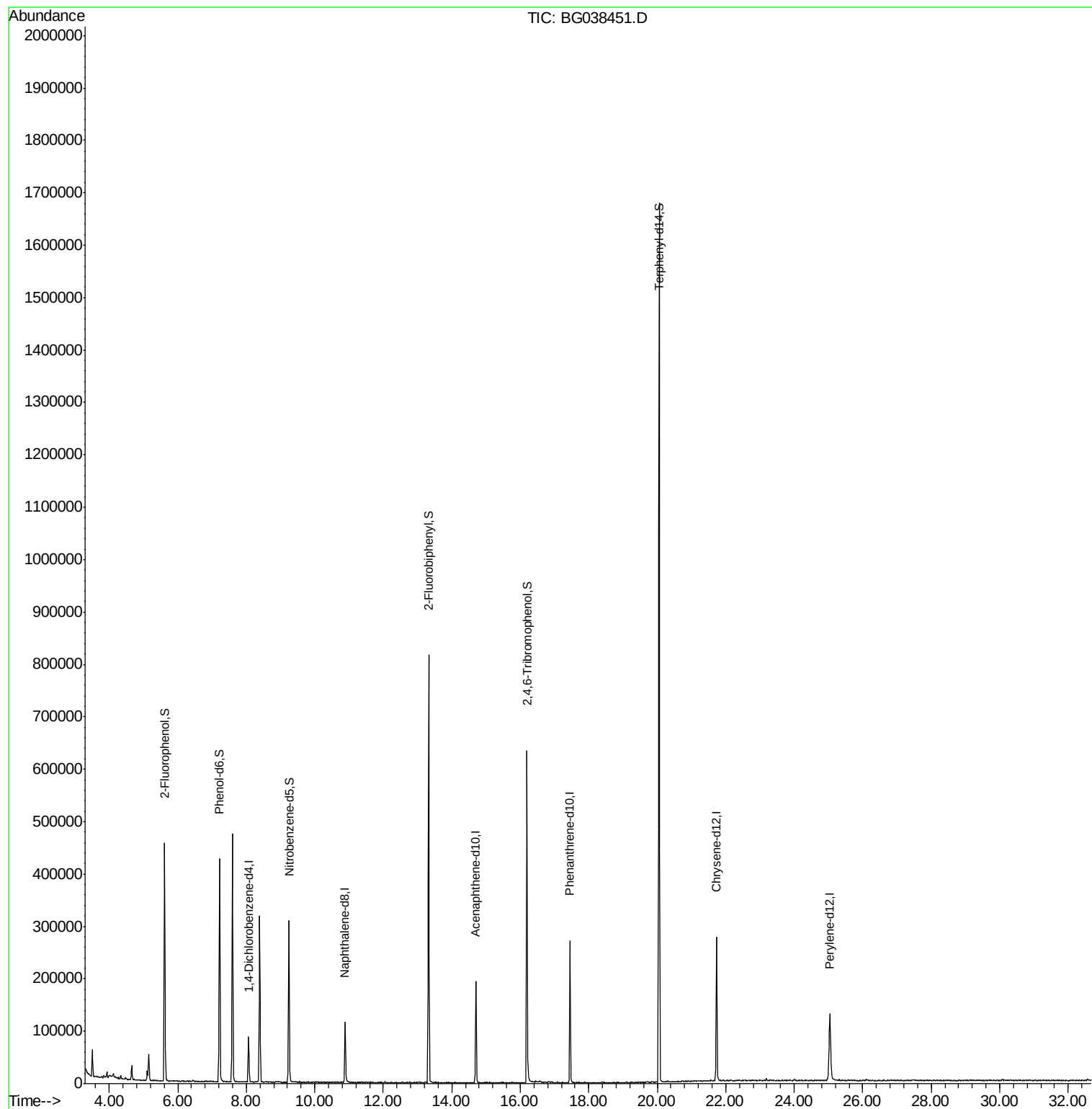
Target Compounds Qvalue

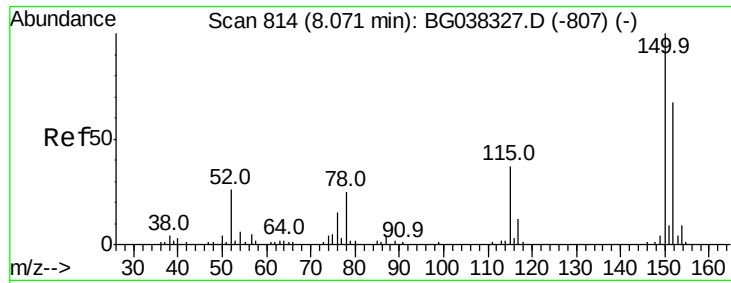
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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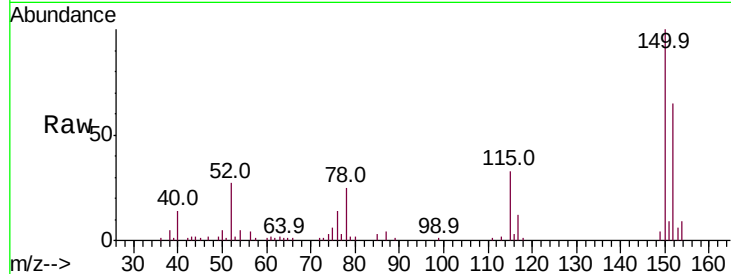


#1

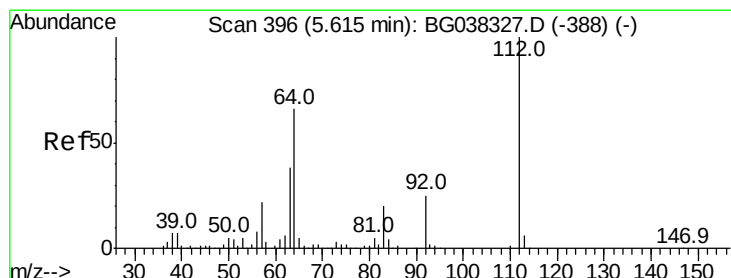
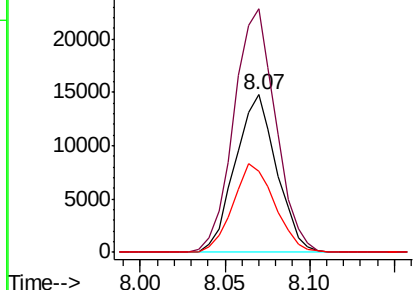
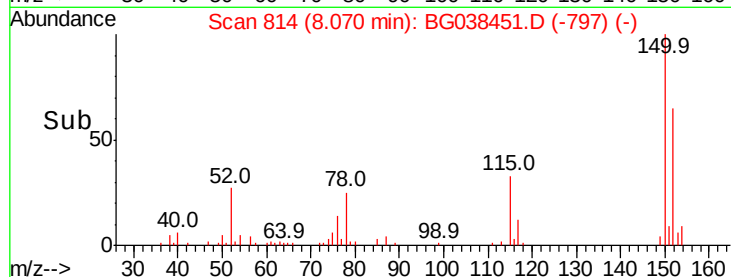
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BG038451.D
 Acq: 10 Dec 2018 22:55

Instrument :
 BNA_G
 ClientSampleId :
 WC-20181207-SOIL

Tot Ion:152 Resp: 25121
 Ion Ratio Lower Upper
 152 100
 150 154.7 126.0 189.0
 115 51.2 45.5 68.3



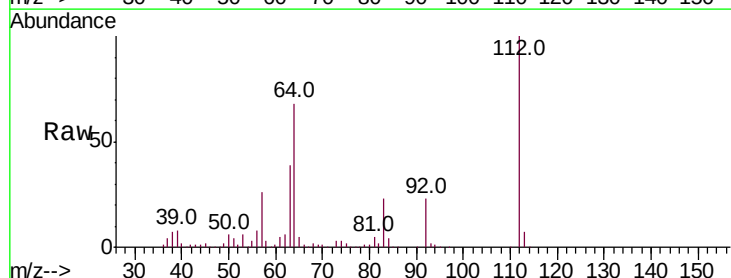
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



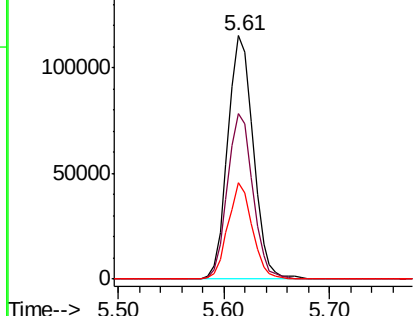
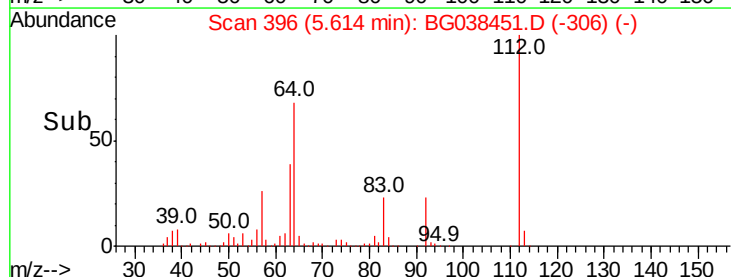
#5

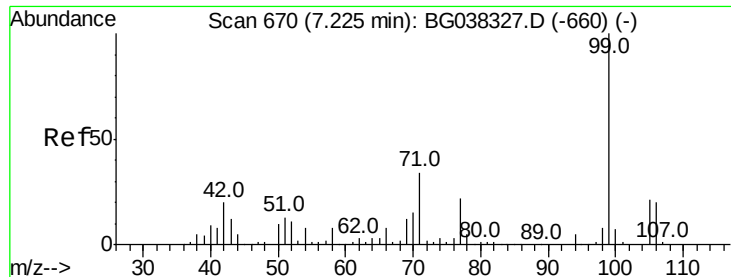
2-Fluorophenol
 Concen: 135.755 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BG038451.D
 Acq: 10 Dec 2018 22:55

Tgt Ion:112 Resp: 192711
 Ion Ratio Lower Upper
 112 100
 64 68.1 53.1 79.7
 63 39.5 27.3 40.9



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





#7

Phenol-d6

Concen: 118.543 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038451.D

Acq: 10 Dec 2018 22:55

Instrument :

BNA_G

ClientSampleId :

WC-20181207-SOIL

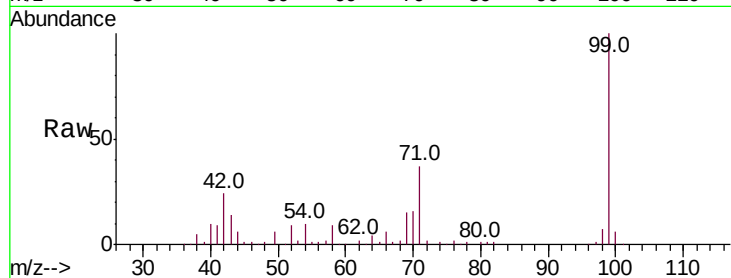
Tot Ion: 99 Resp: 243217

Ion Ratio Lower Upper

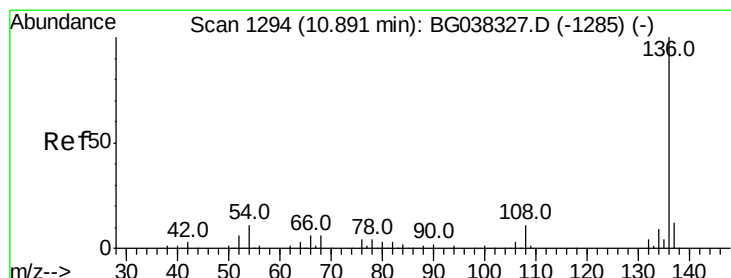
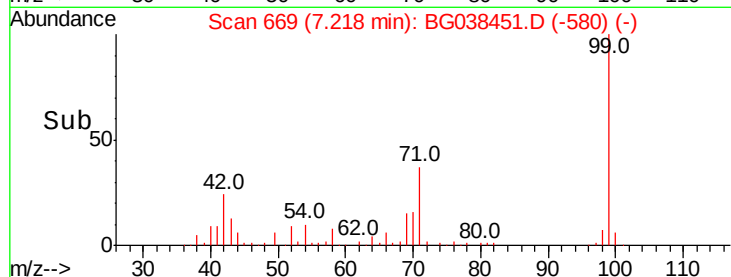
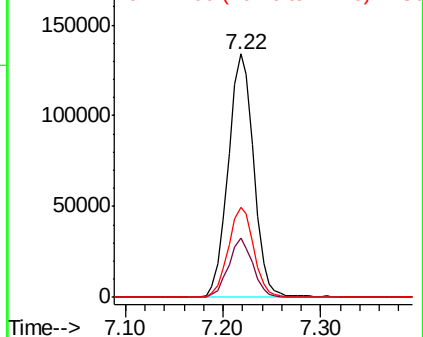
99 100

42 24.3 15.0 22.4#

71 36.9 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: 10.88 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG038451.D

Acq: 10 Dec 2018 22:55

Tgt Ion: 136 Resp: 106151

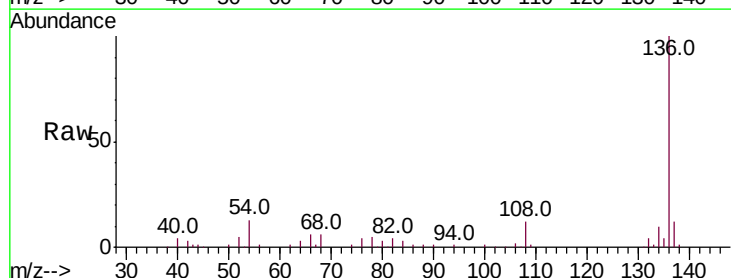
Ion Ratio Lower Upper

136 100

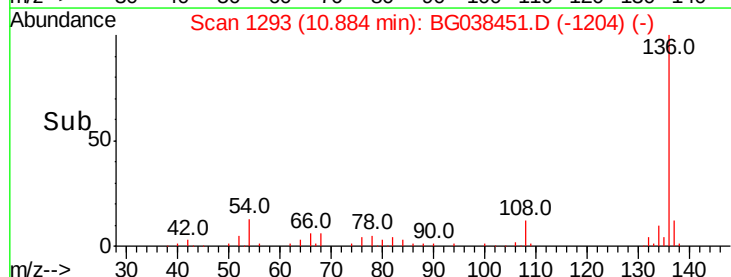
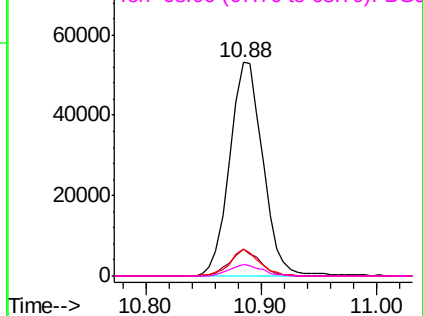
137 12.5 9.6 14.4

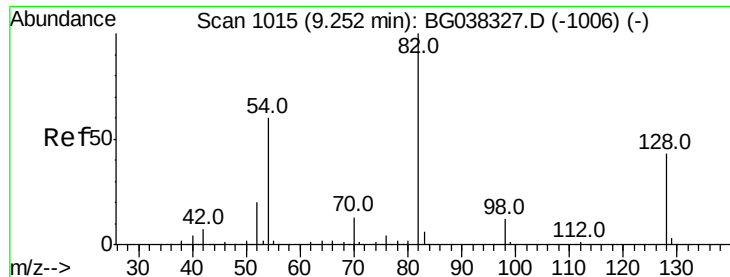
54 12.9 7.9 11.9#

68 5.6 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

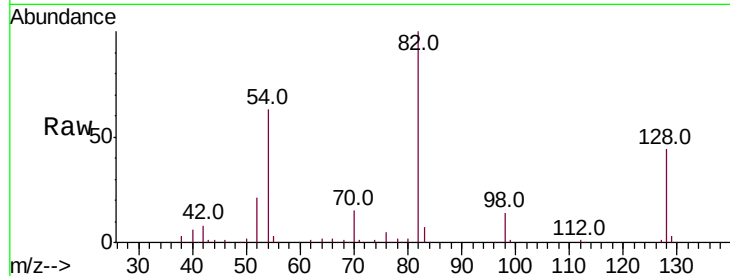




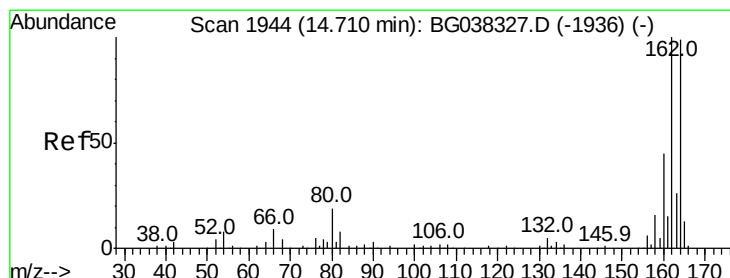
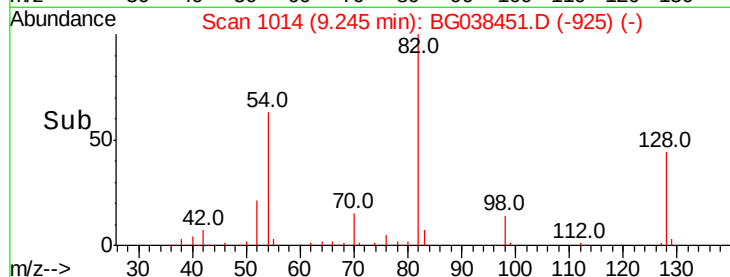
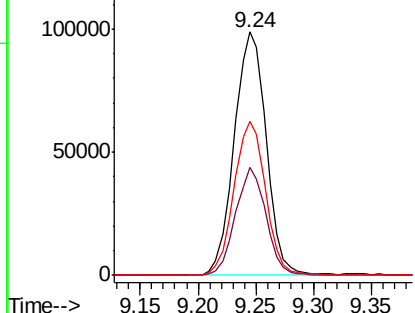
#23
Nitrobenzene-d5
Concen: 88.704 ng
RT: 9.24 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038451.D
Acq: 10 Dec 2018 22:55

Instrument :
BNA_G
ClientSampleId :
WC-20181207-SOIL

Tot Ion: 82 Resp: 189656
Ion Ratio Lower Upper
82 100
128 44.1 34.6 51.8
54 63.3 45.3 67.9

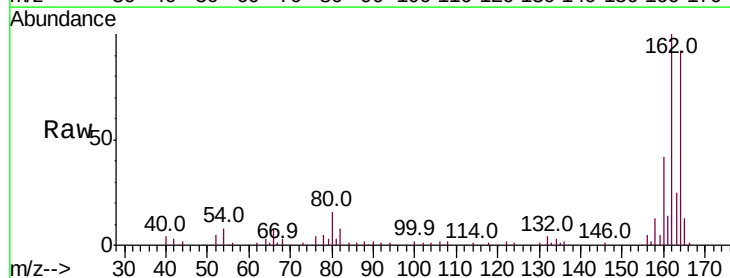


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

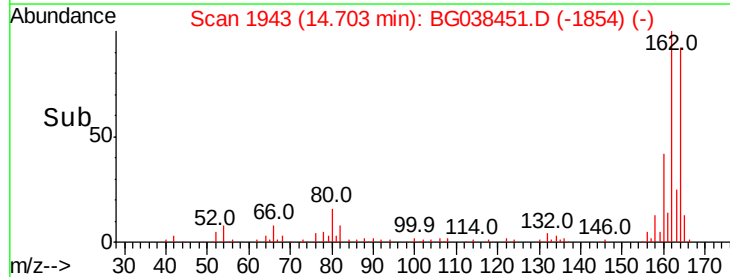
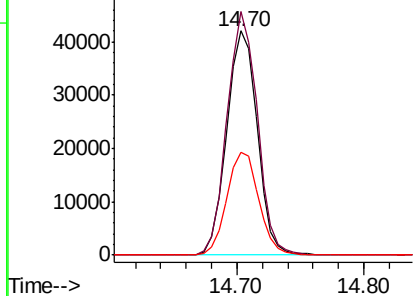


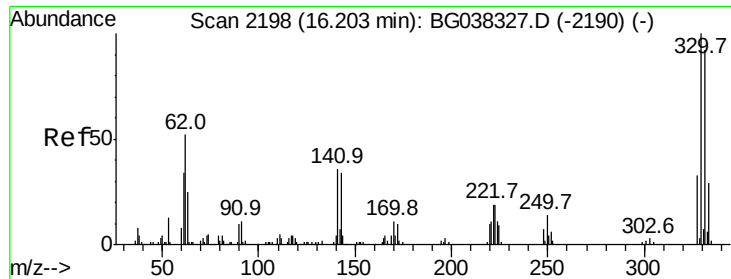
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038451.D
Acq: 10 Dec 2018 22:55

Tgt Ion: 164 Resp: 69827
Ion Ratio Lower Upper
164 100
162 108.7 81.3 121.9
160 45.7 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

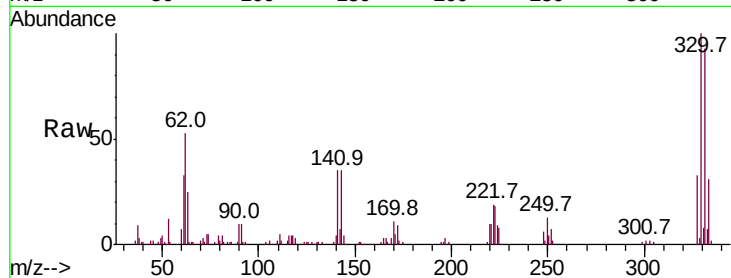




#42
 2,4,6-Tribromophenol
 Concen: 153.623 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038451.D
 Acq: 10 Dec 2018 22:55

Instrument :
 BNA_G
 ClientSampleId :
 WC-20181207-SOIL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.4	117.6
141	38.3	32.2	48.2

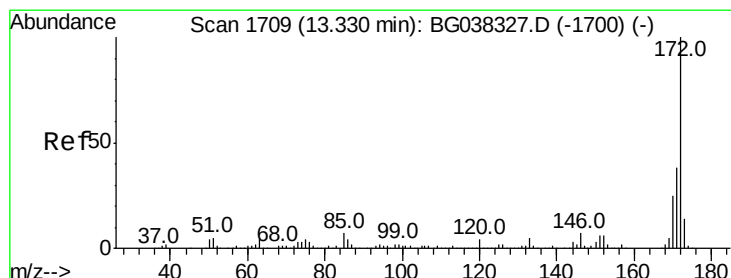
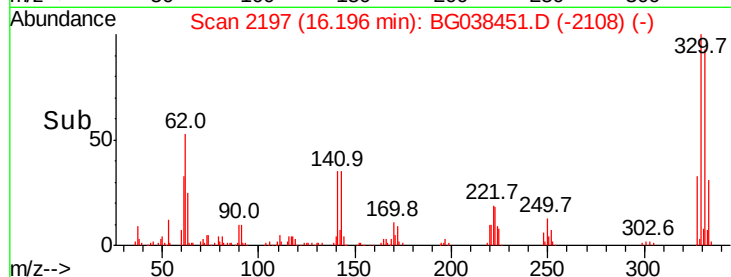
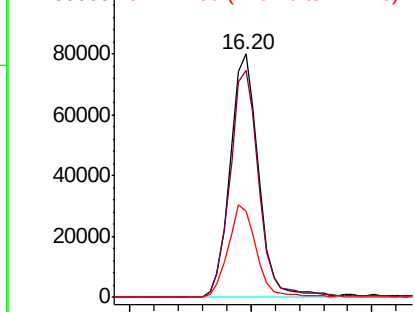


Abundance

Ion 329.80 (329.50 to 330.50): E

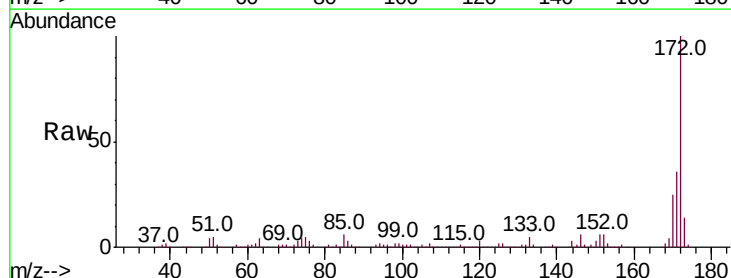
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.347 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038451.D
 Acq: 10 Dec 2018 22:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	31.0	46.4
170	24.7	20.2	30.2

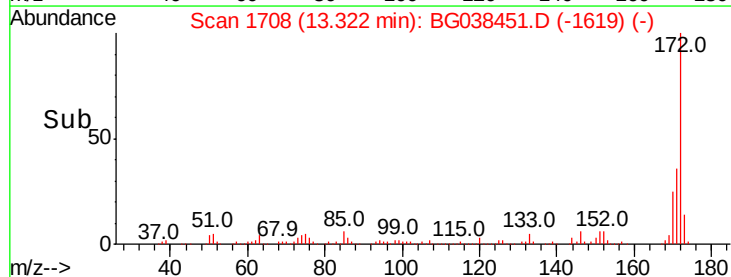
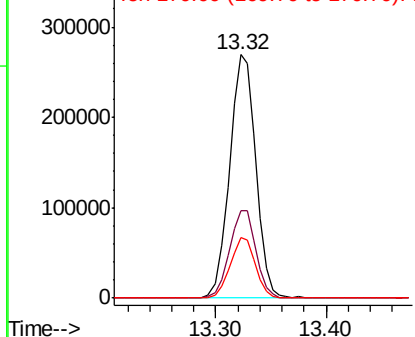


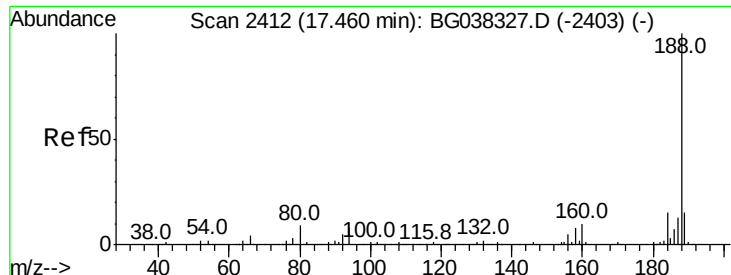
Abundance

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

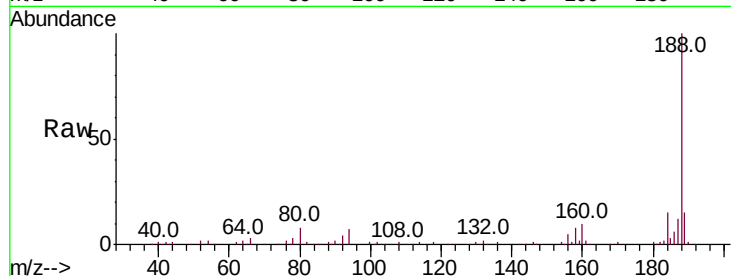




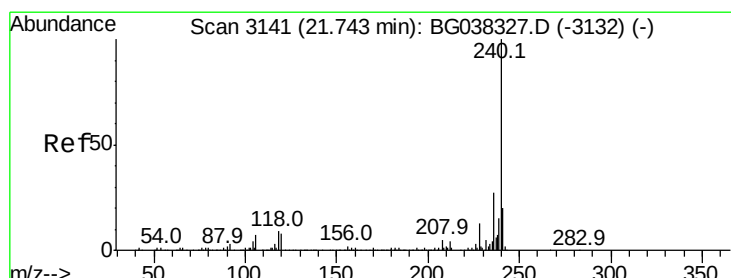
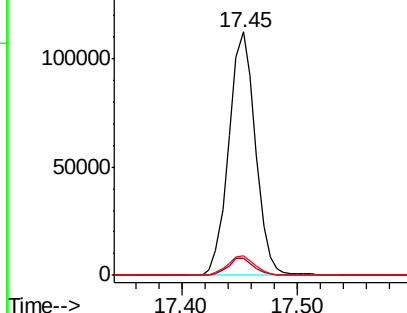
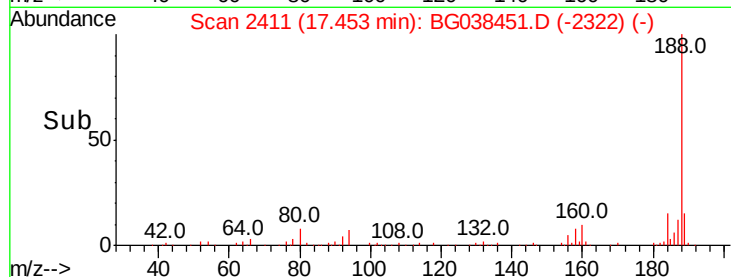
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038451.D
Acq: 10 Dec 2018 22:55

Instrument :
BNA_G
ClientSampleId :
WC-20181207-SOIL

Tot Ion:188 Resp: 179866
Ion Ratio Lower Upper
188 100
94 7.2 7.2 10.8
80 7.8 7.7 11.5

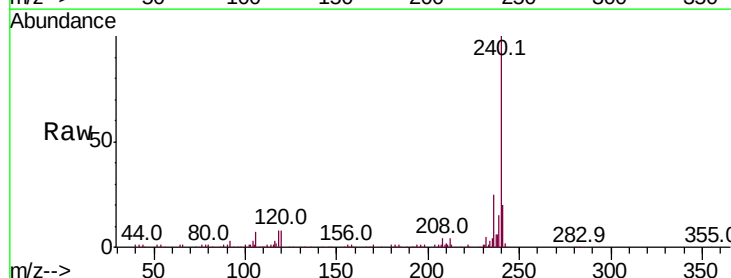


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

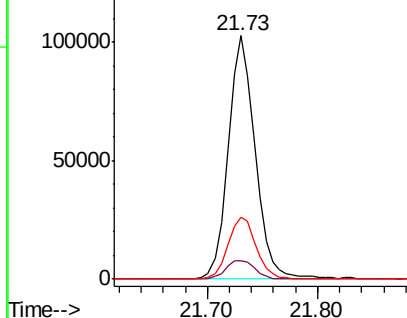
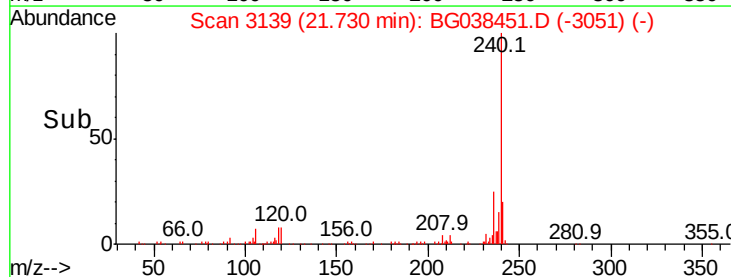


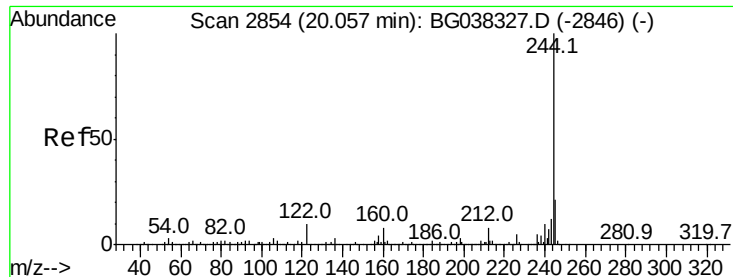
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038451.D
Acq: 10 Dec 2018 22:55

Tgt Ion:240 Resp: 175603
Ion Ratio Lower Upper
240 100
120 7.6 8.1 12.1#
236 25.2 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: 106.038 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038451.D

Acq: 10 Dec 2018 22:55

Instrument :

BNA_G

ClientSampleId :

WC-20181207-SOIL

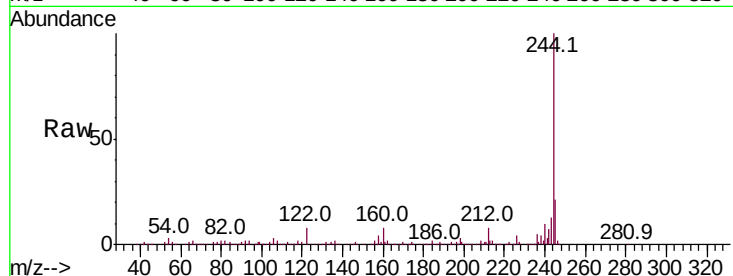
Tot Ion:244 Resp: 869204

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

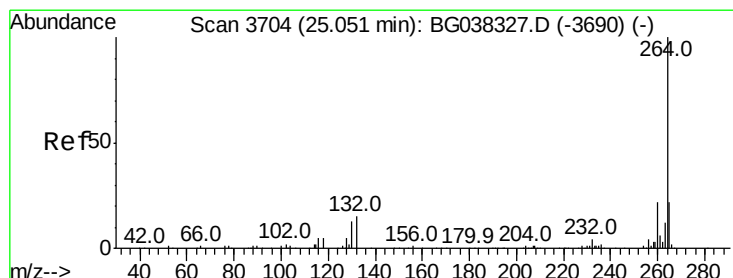
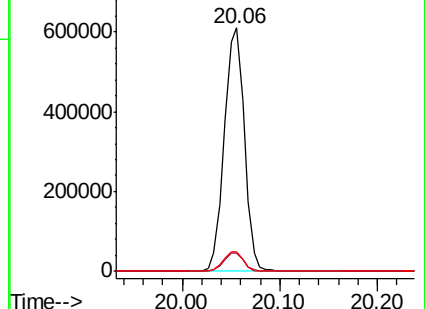
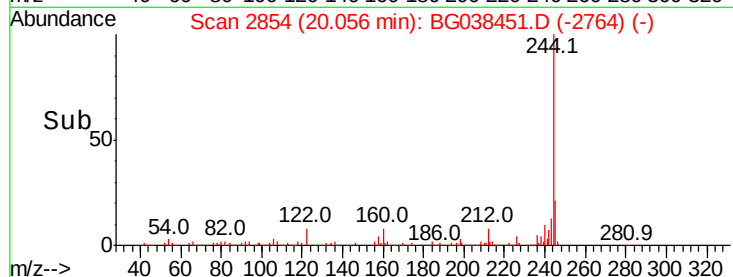
122 8.1 9.0 13.4#



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: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038451.D

Acq: 10 Dec 2018 22:55

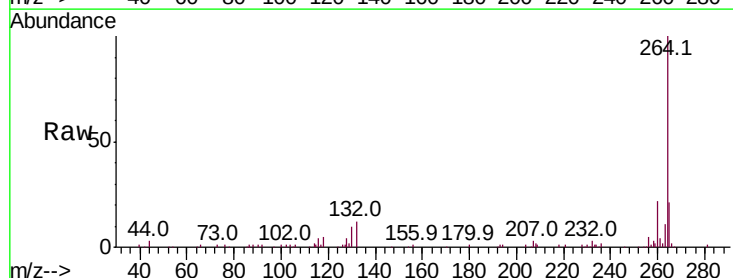
Tgt Ion:264 Resp: 175971

Ion Ratio Lower Upper

264 100

260 22.3 18.2 27.4

265 21.2 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

