

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031513.D
 Acq On : 13 Dec 2017 4:56
 Operator : SJ/JU
 Sample : I6813-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Soil-Cuttings

Quant Time: Dec 13 07:41:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

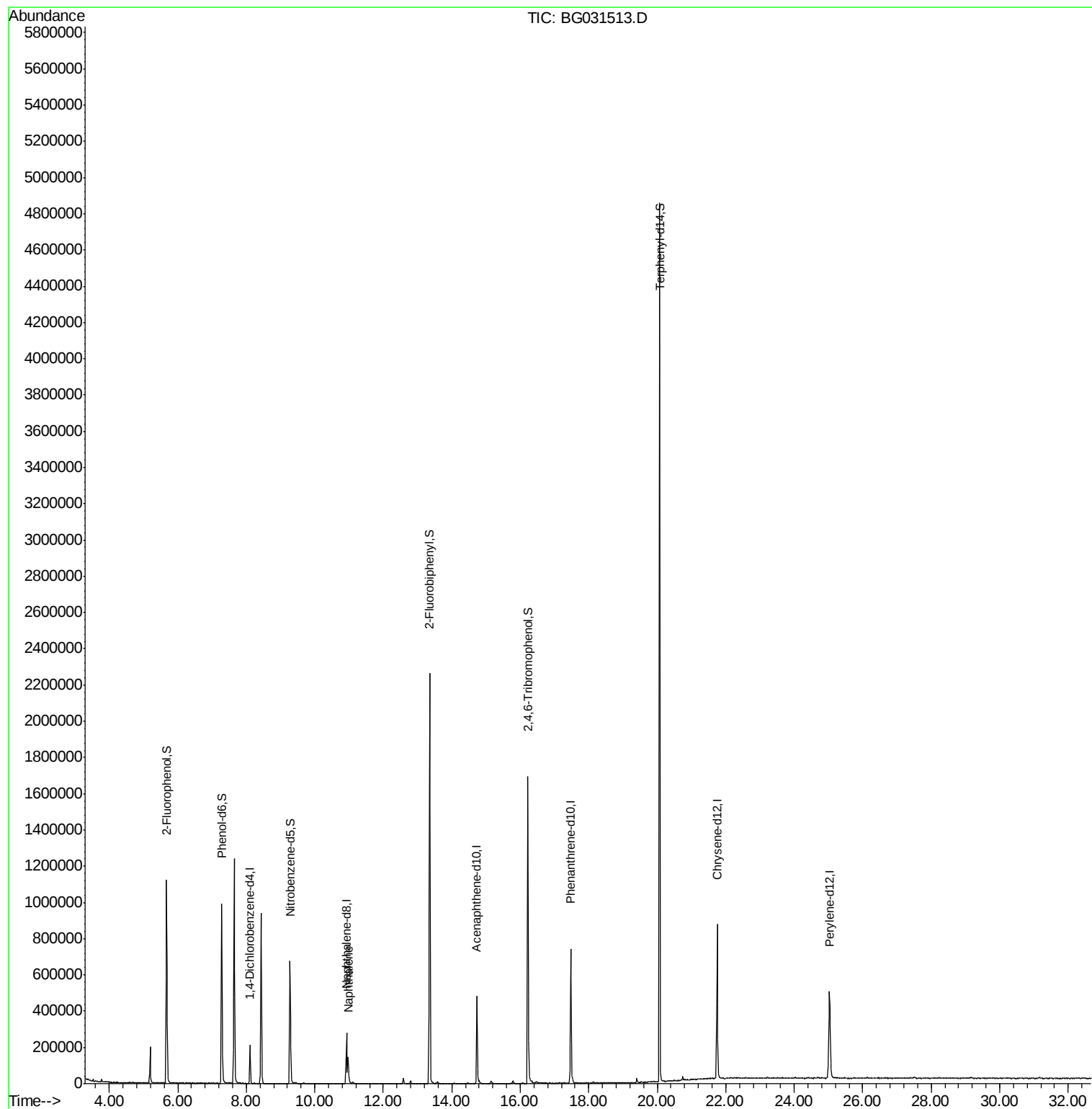
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	66929	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	282462	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	190142	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	500630	20.00	ng	0.00
75) Chrysene-d12	21.74	240	590348	20.00	ng	0.00
86) Perylene-d12	25.03	264	566598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	562848	149.06	ng	0.00
7) Phenol-d6	7.28	99	648721	123.76	ng	0.01
23) Nitrobenzene-d5	9.27	82	466559	101.81	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	365308	163.99	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1302373	100.54	ng	0.00
78) Terphenyl-d14	20.07	244	2335282	90.00	ng	0.00
Target Compounds						
31) Naphthalene	10.97	128	141136	10.171	ng	Qvalue 97

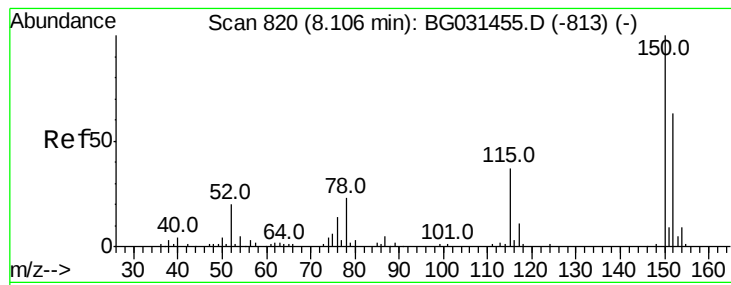
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121217\
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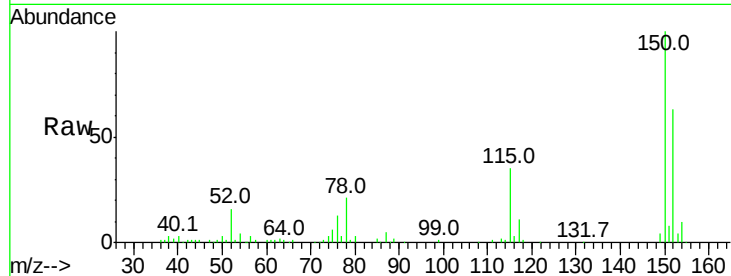


#1

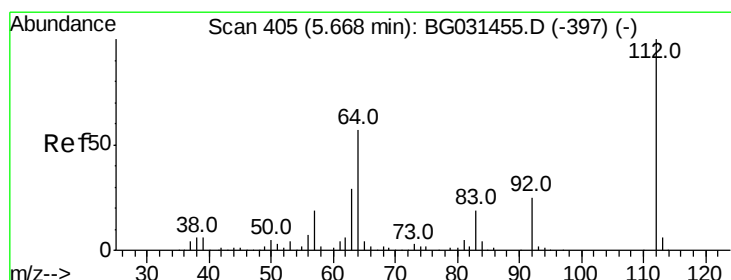
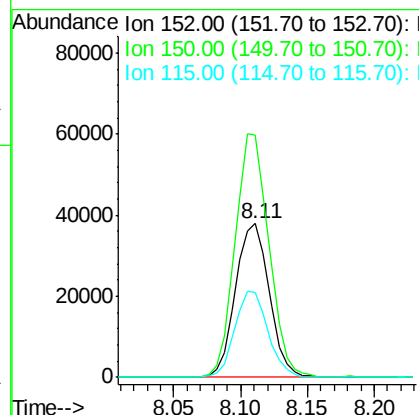
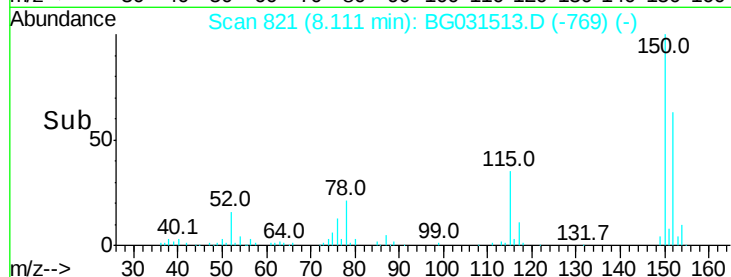
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 821
 Delta R.T. 0.01 min
 Lab File: BG031513.D
 Acq: 13 Dec 2017 4:56

Instrument :
 BNA_G
 ClientSampleId :
 Soil-Cuttings

Tot Ion:152 Resp: 66929
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.6 189.8
 115 55.1 53.0 79.4



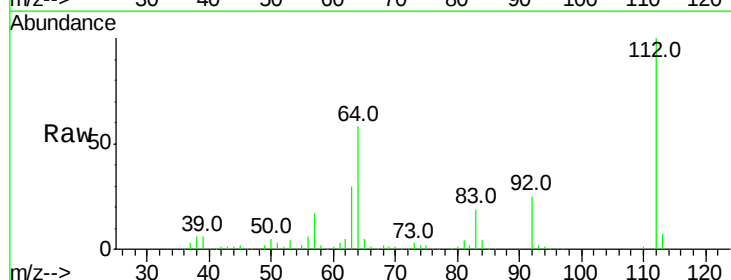
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



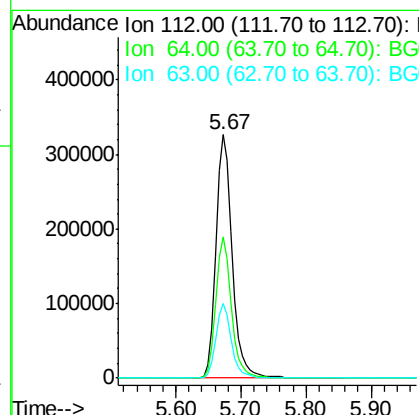
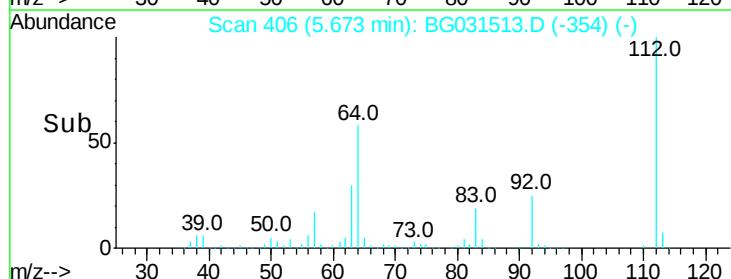
#5

2-Fluorophenol
 Concen: 149.062 ng
 RT: 5.67 min Scan# 406
 Delta R.T. 0.01 min
 Lab File: BG031513.D
 Acq: 13 Dec 2017 4:56

Tgt Ion:112 Resp: 562848
 Ion Ratio Lower Upper
 112 100
 64 57.8 56.3 84.5
 63 30.4 30.1 45.1



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: 123.758 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG031513.D

Acq: 13 Dec 2017 4:56

Instrument :

BNA_G

ClientSampleId :

Soil-Cuttings

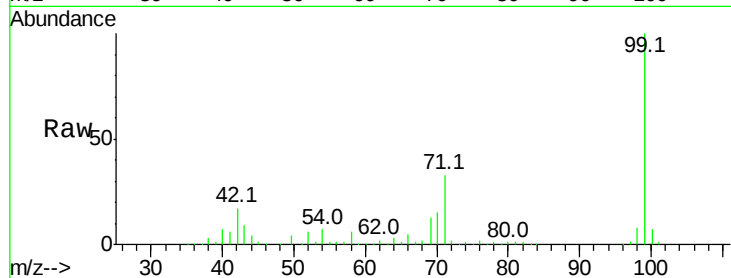
Tot Ion: 99 Resp: 648721

Ion Ratio Lower Upper

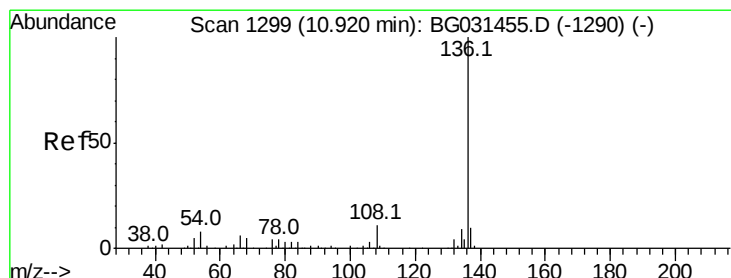
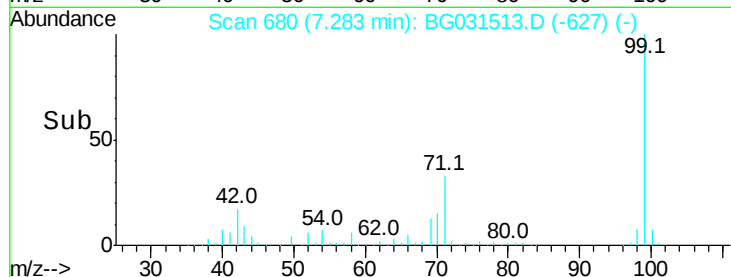
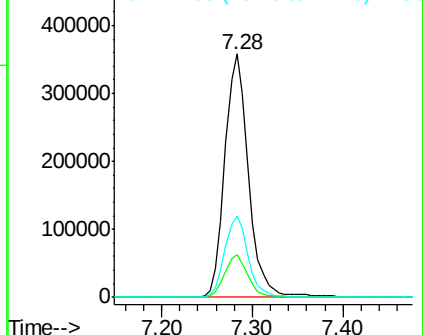
99 100

42 17.3 14.1 21.1

71 33.3 26.1 39.1



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: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031513.D

Acq: 13 Dec 2017 4:56

Tgt Ion: 136 Resp: 282462

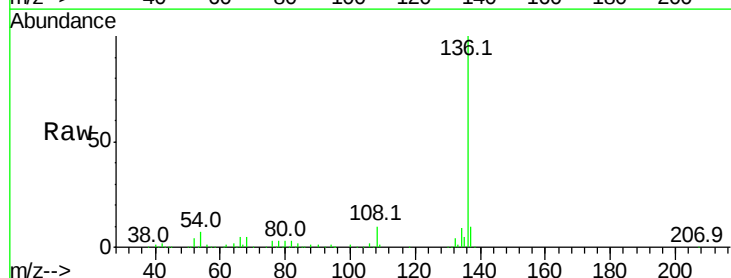
Ion Ratio Lower Upper

136 100

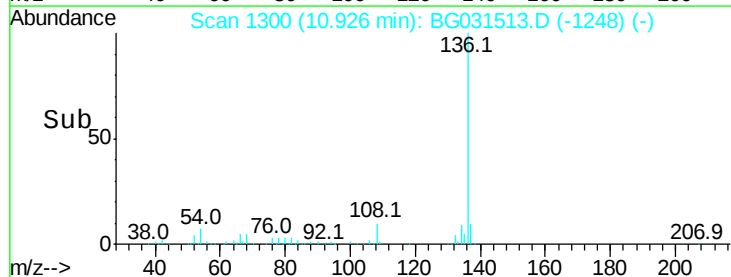
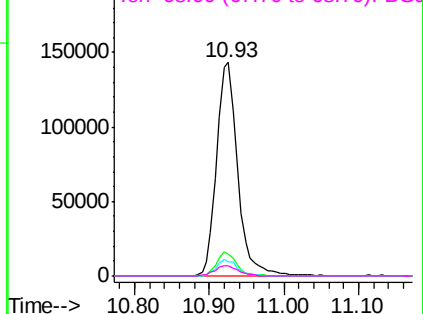
137 10.3 9.2 13.8

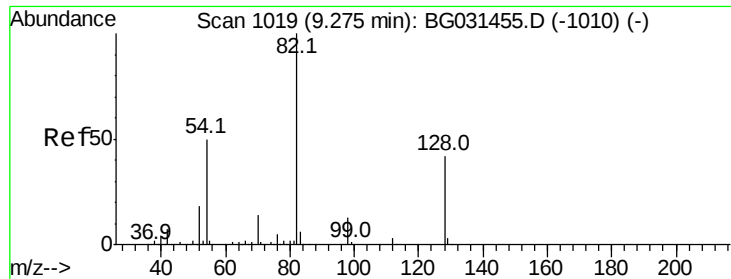
54 6.7 10.3 15.5#

68 5.0 4.5 6.7



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

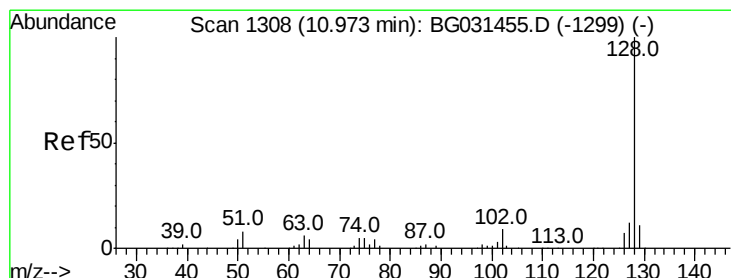
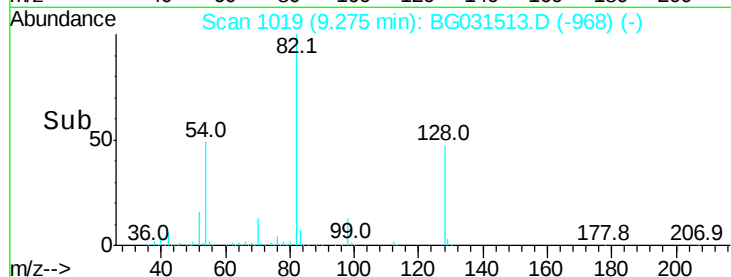
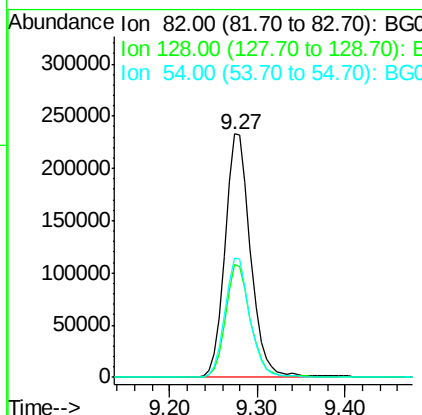
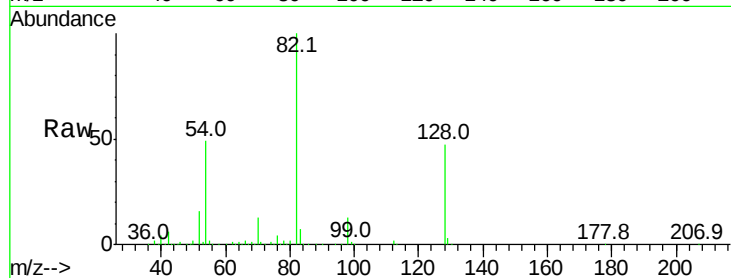




#23
 Nitrobenzene-d5
 Concen: 101.809 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG031513.D
 Acq: 13 Dec 2017 4:56

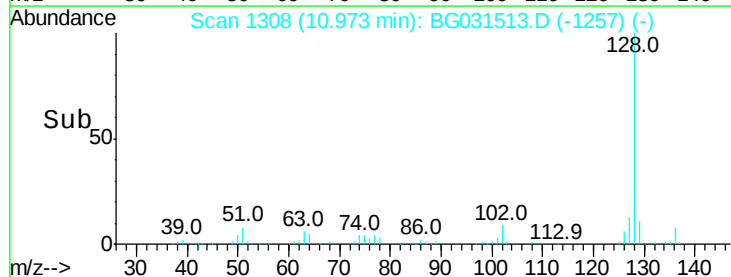
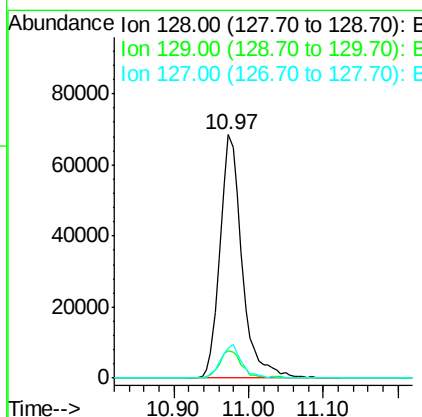
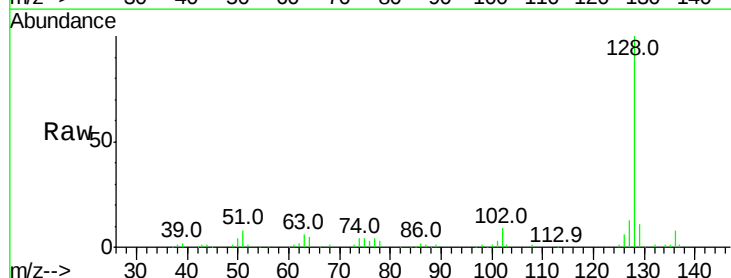
Instrument :
 BNA_G
 ClientSampleId :
 Soil-Cuttings

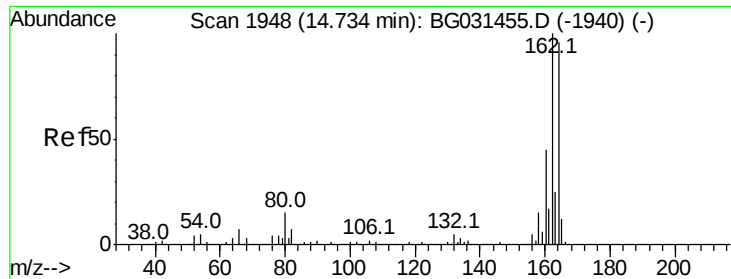
Tot Ion: 82 Resp: 466559
 Ion Ratio Lower Upper
 82 100
 128 46.5 29.7 44.5#
 54 48.9 43.1 64.7



#31
 Naphthalene
 Concen: 10.171 ng
 RT: 10.97 min Scan# 1308
 Delta R.T. -0.00 min
 Lab File: BG031513.D
 Acq: 13 Dec 2017 4:56

Tgt Ion: 128 Resp: 141136
 Ion Ratio Lower Upper
 128 100
 129 11.3 8.6 12.8
 127 12.5 11.6 17.4

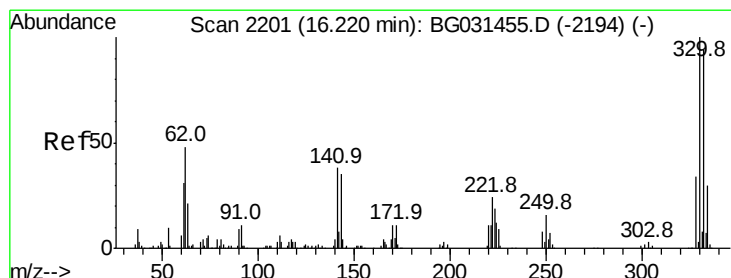
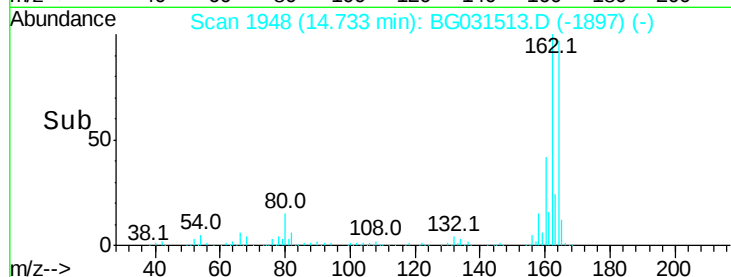
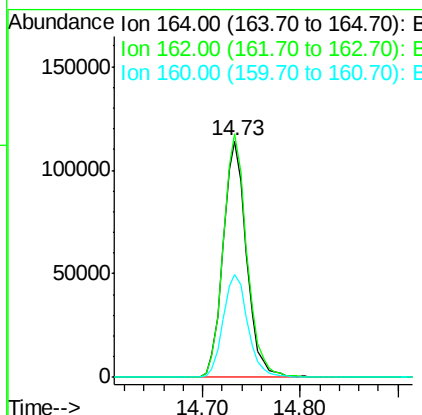
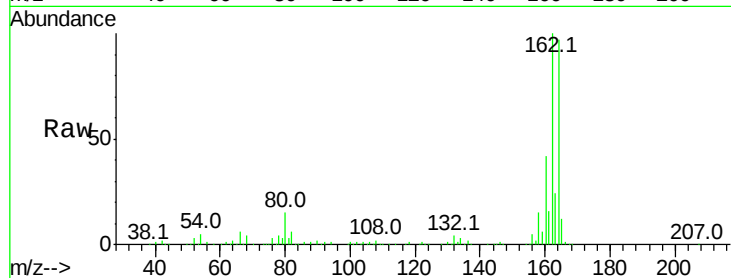




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG031513.D
 Acq: 13 Dec 2017 4:56

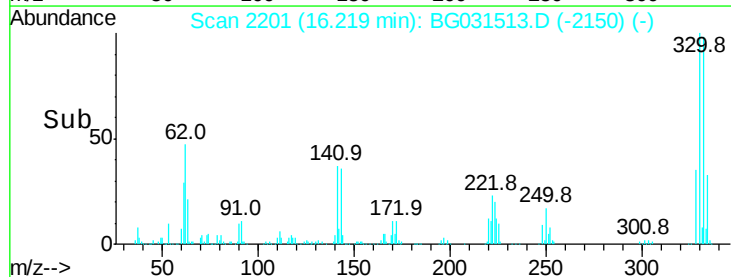
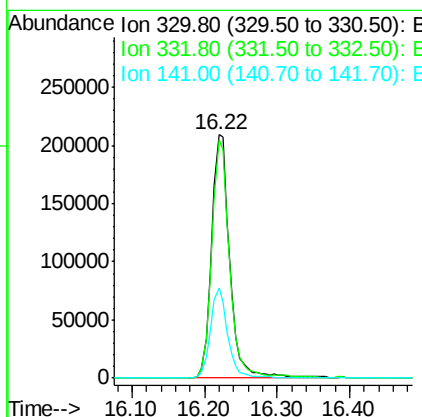
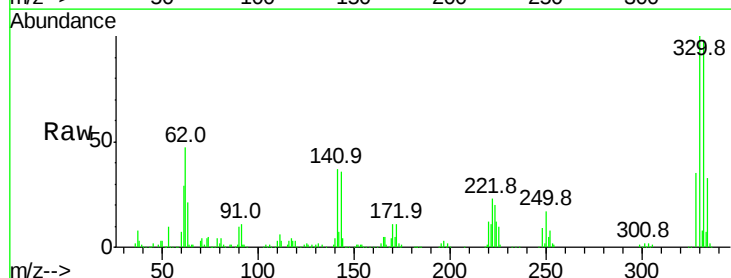
Instrument :
 BNA_G
 ClientSampleId :
 Soil-Cuttings

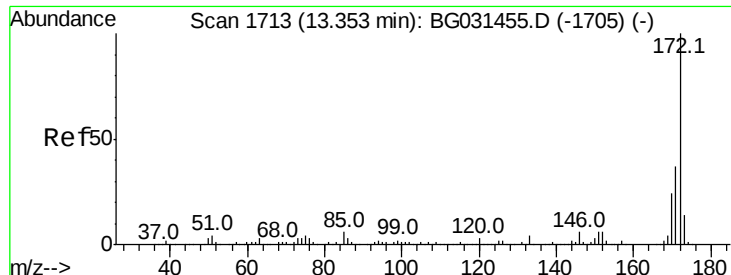
Tot Ion:164 Resp: 190142
 Ion Ratio Lower Upper
 164 100
 162 102.9 78.8 118.2
 160 43.6 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 163.992 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031513.D
 Acq: 13 Dec 2017 4:56

Tgt Ion:330 Resp: 365308
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 34.8 25.2 37.8



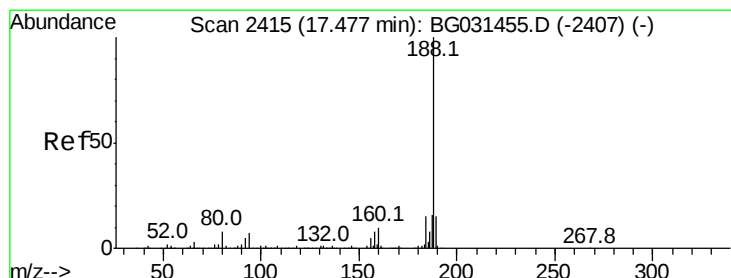
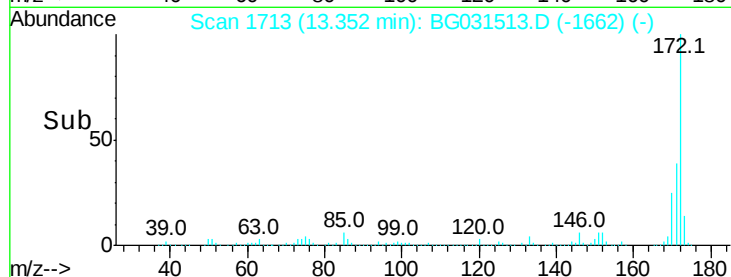
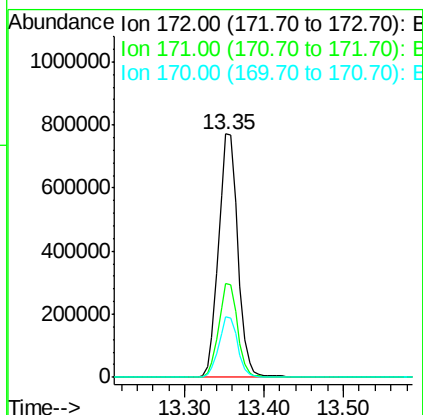
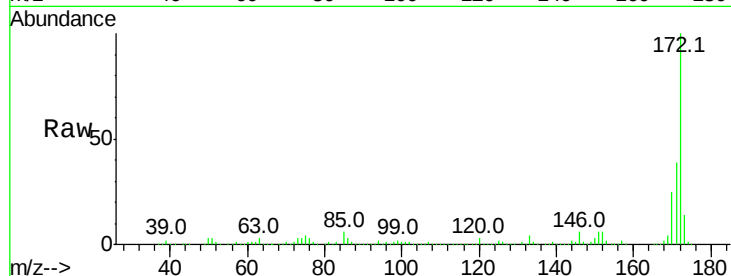


#44
 2-Fluorobiphenyl
 Concen: 100.541 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031513.D
 Acq: 13 Dec 2017 4:56

Instrument :
 BNA_G
 ClientSampleId :
 Soil-Cuttings

Tot Ion:172 Resp: 1302373

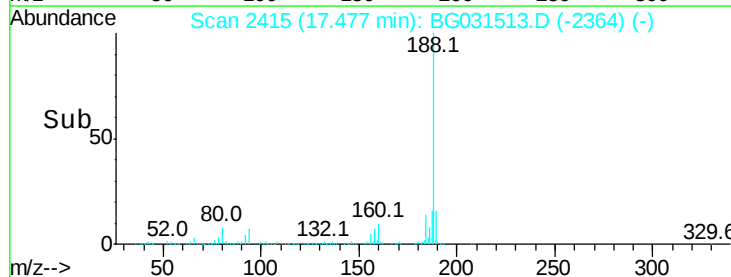
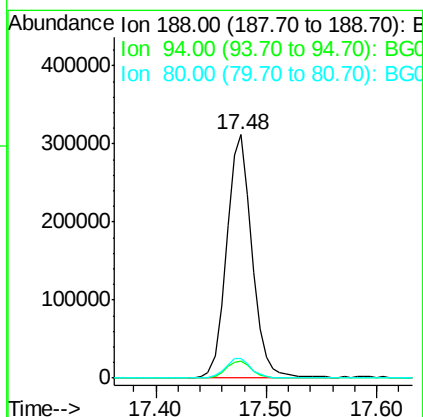
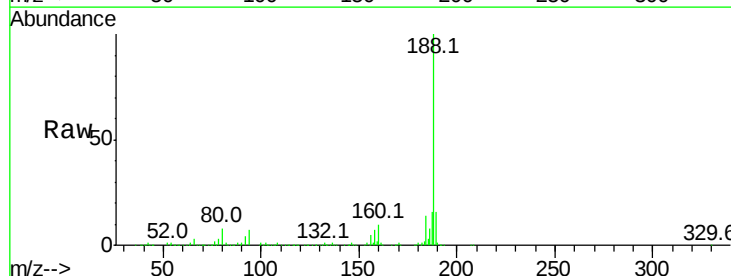
Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	25.1	19.5	29.3

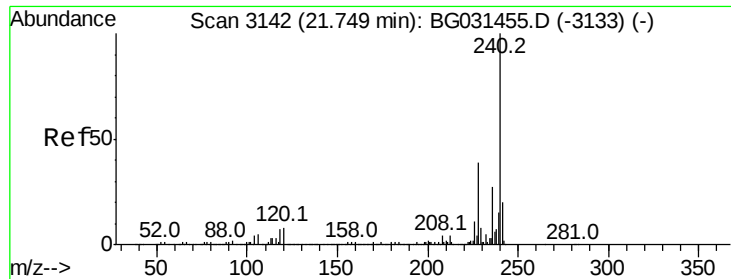


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.00 min
 Lab File: BG031513.D
 Acq: 13 Dec 2017 4:56

Tgt Ion:188 Resp: 500630

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	7.8	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG031513.D

Acq: 13 Dec 2017 4:56

Instrument :

BNA_G

ClientSampleId :

Soil-Cuttings

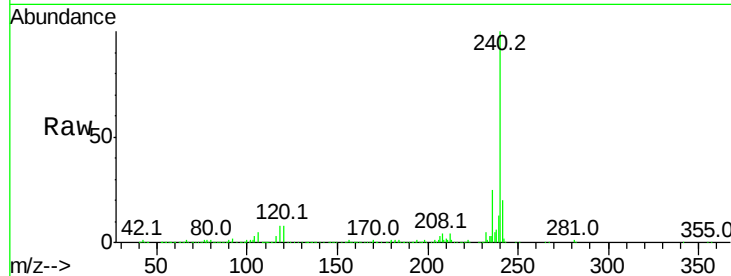
Tot Ion:240 Resp: 590348

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

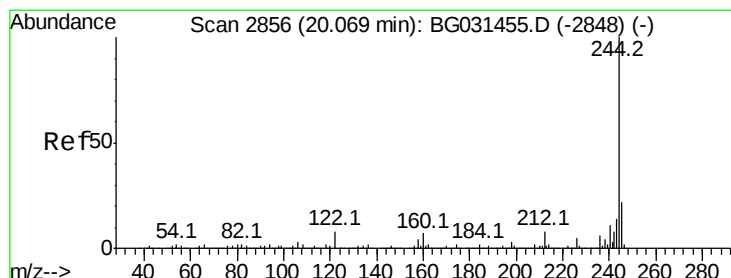
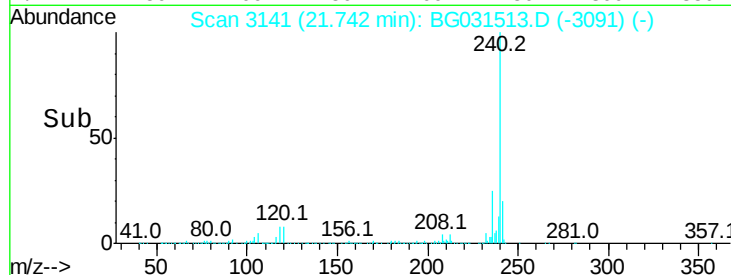
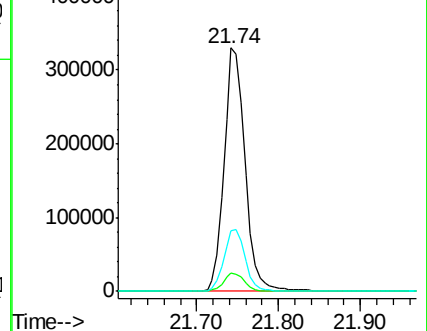
236 24.9 20.9 31.3



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



#78

Terphenyl-d14

Concen: 90.000 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031513.D

Acq: 13 Dec 2017 4:56

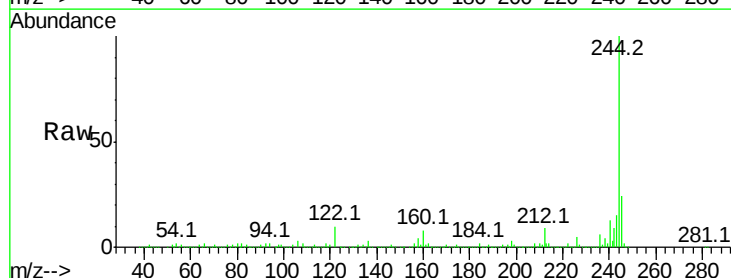
Tgt Ion:244 Resp: 2335282

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

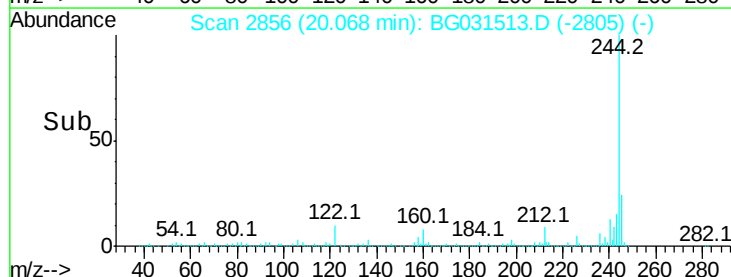
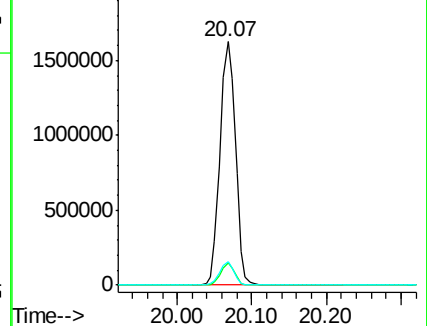
122 9.7 7.0 10.4

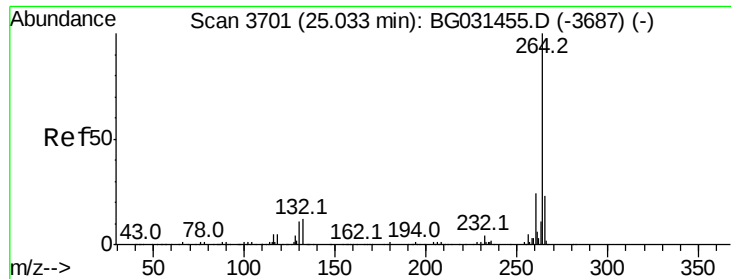


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

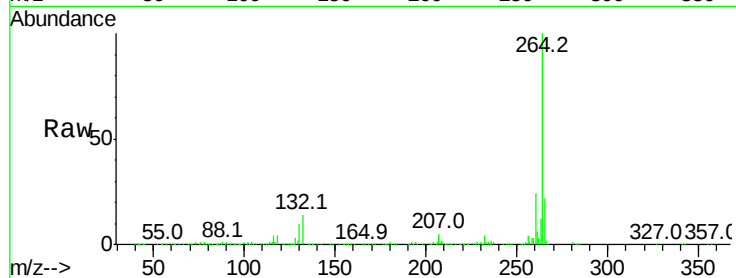




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3700
 Delta R.T. -0.01 min
 Lab File: BG031513.D
 Acq: 13 Dec 2017 4:56

Instrument :
 BNA_G
 ClientSampleId :
 Soil-Cuttings

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.7	17.7	26.5



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

