

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040615\
 Data File : BG016244.D
 Acq On : 7 Apr 2015 4:21
 Operator : TP/IZ
 Sample : G1756-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-CUTTINGS-A

Quant Time: Apr 07 07:19:29 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 07:38:11 2015
 Response via : Initial Calibration

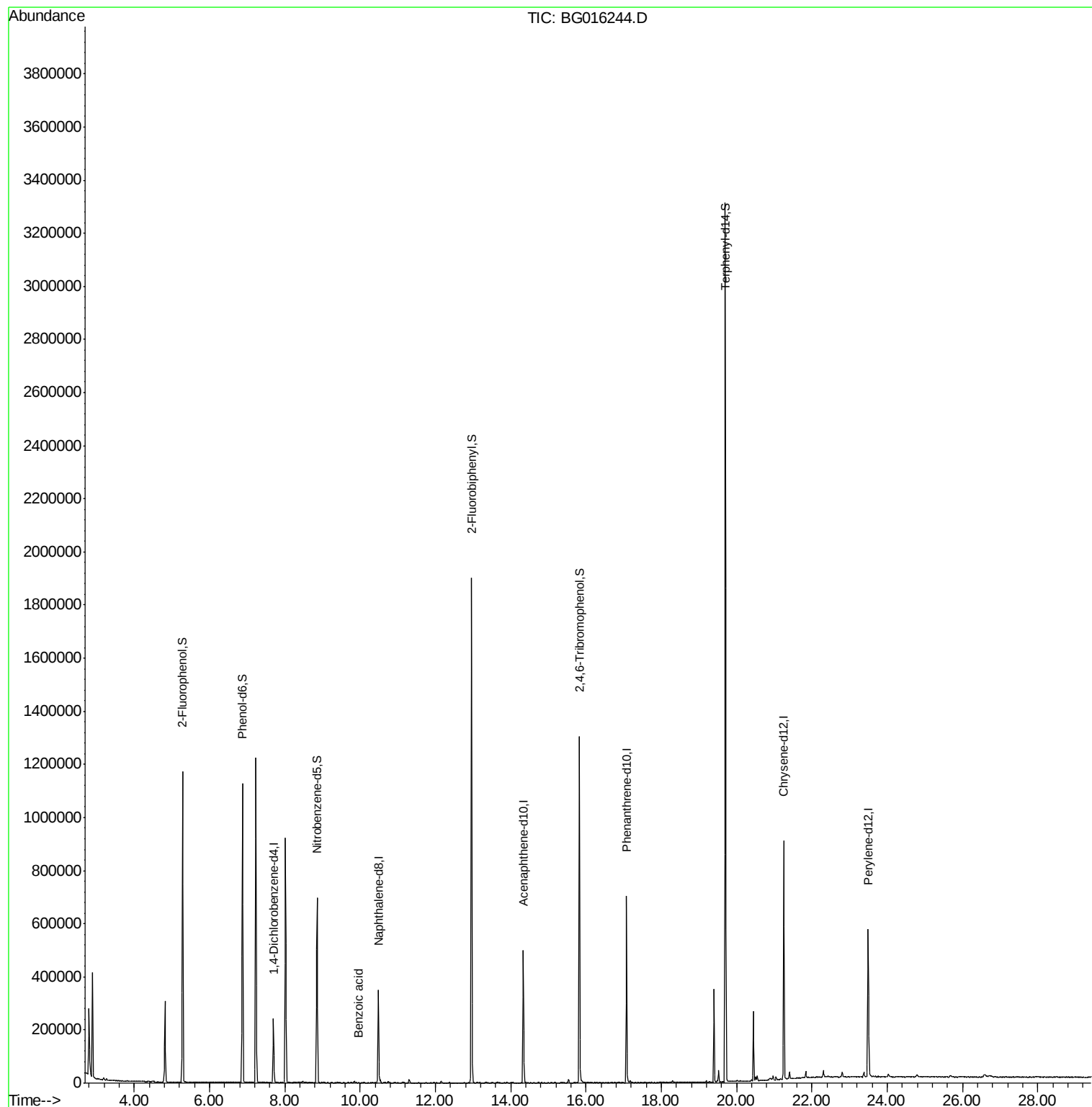
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	62878	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	281532	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	165222	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	366303	20.00	ng	0.00
75) Chrysene-d12	21.26	240	358342	20.00	ng	0.00
86) Perylene-d12	23.50	264	321892	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	542510	136.17	ng	0.00
7) Phenol-d6	6.87	99	717299	119.93	ng	0.00
23) Nitrobenzene-d5	8.85	82	429066	88.29	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	169311	151.52	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	886279	91.33	ng	0.00
78) Terphenyl-d14	19.70	244	1252203	81.78	ng	0.00
Target Compounds						
32) Benzoic acid	9.97	122	55	8.75	ng	Qvalue # 1

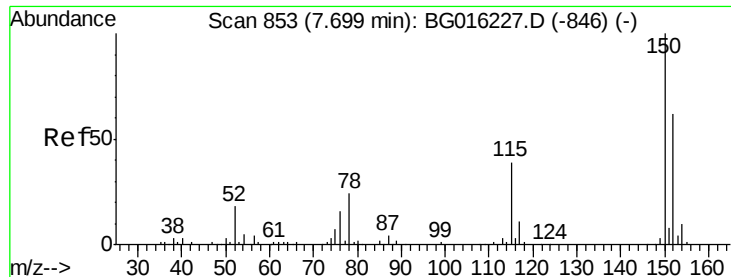
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG016244.D

Acq: 7 Apr 2015 4:21

Instrument :

BNA_G

ClientSampleId :

SOIL-CUTTINGS-A

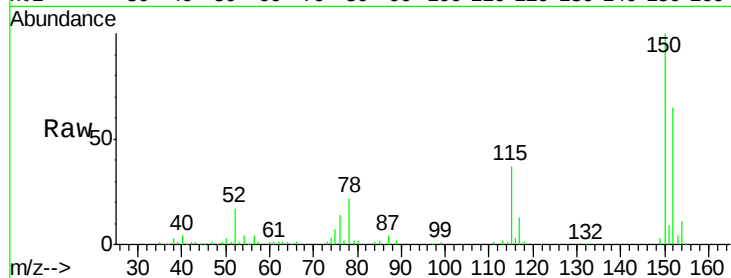
Tgt Ion:152 Resp: 62878

Ion Ratio Lower Upper

152 100

150 152.9 130.1 195.1

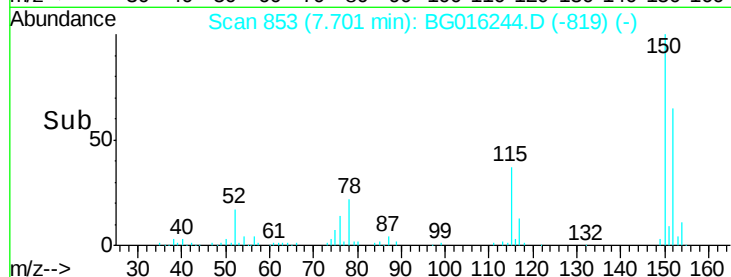
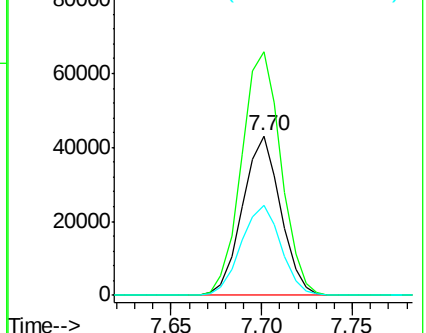
115 56.6 50.5 75.7



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: 136.17 ng

RT: 5.29 min Scan# 442

Delta R.T. 0.01 min

Lab File: BG016244.D

Acq: 7 Apr 2015 4:21

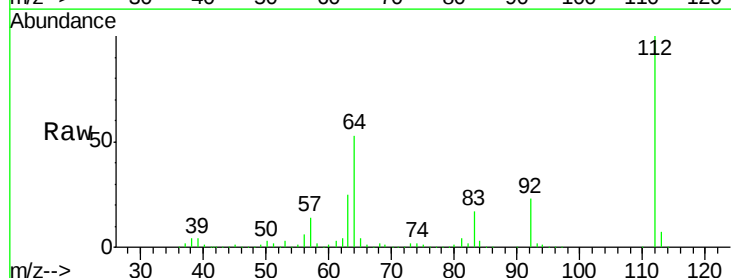
Tgt Ion:112 Resp: 542510

Ion Ratio Lower Upper

112 100

64 53.2 44.5 66.7

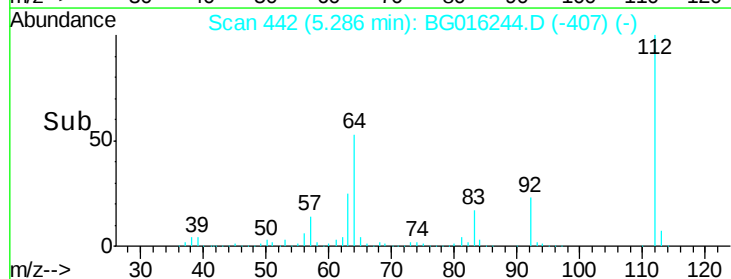
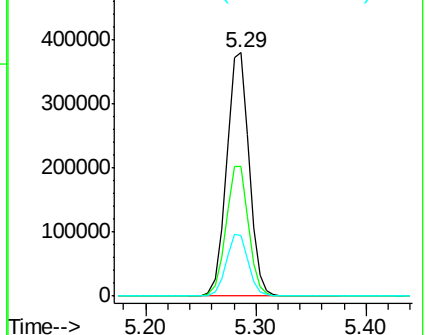
63 25.1 21.4 32.0



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: 119.93 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG016244.D

Acq: 7 Apr 2015 4:21

Instrument :

BNA_G

ClientSampleId :

SOIL-CUTTINGS-A

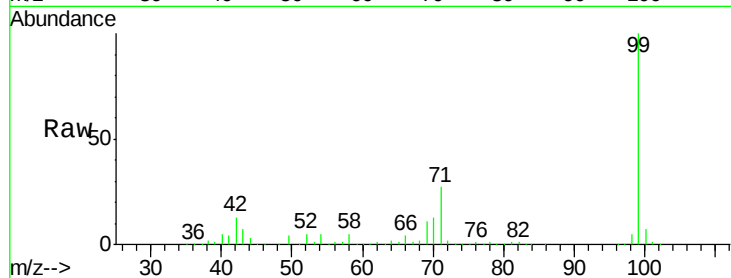
Tgt Ion: 99 Resp: 717299

Ion Ratio Lower Upper

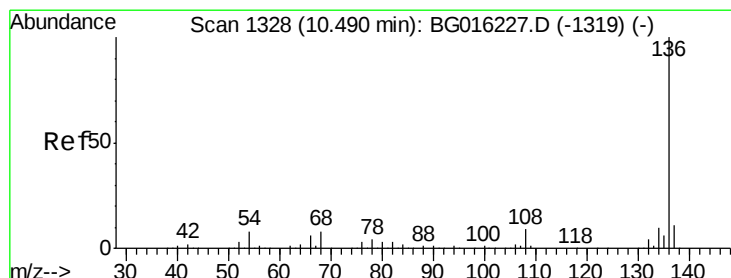
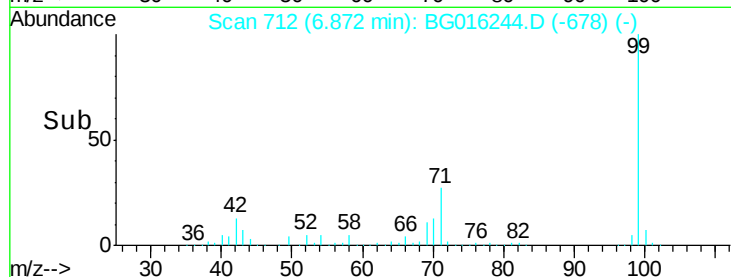
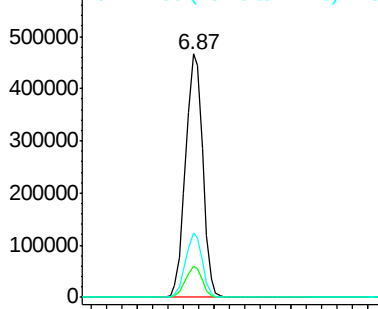
99 100

42 12.7 10.0 15.0

71 26.6 21.5 32.3



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: 20.00 ng

RT: 10.49 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BG016244.D

Acq: 7 Apr 2015 4:21

Tgt Ion: 136 Resp: 281532

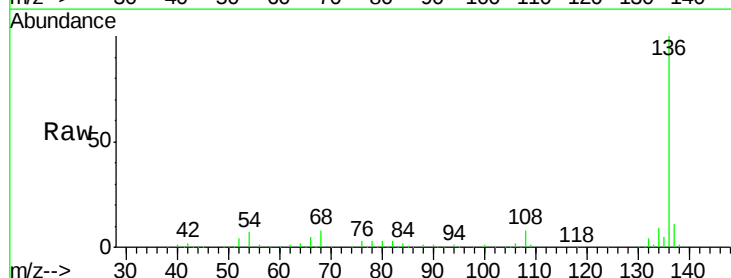
Ion Ratio Lower Upper

136 100

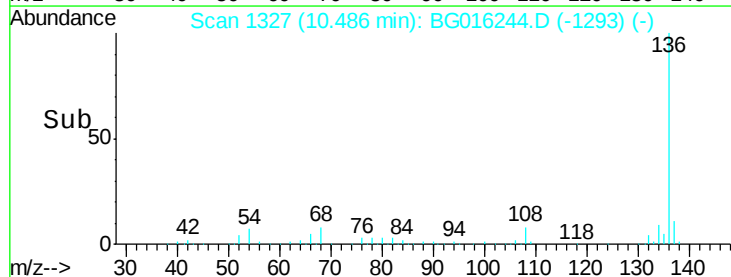
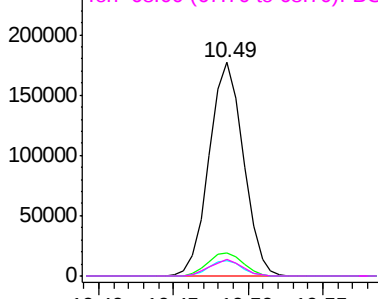
137 11.0 8.7 13.1

54 7.2 6.3 9.5

68 7.7 6.5 9.7



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

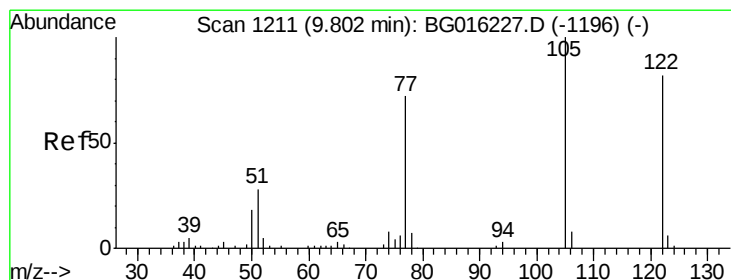
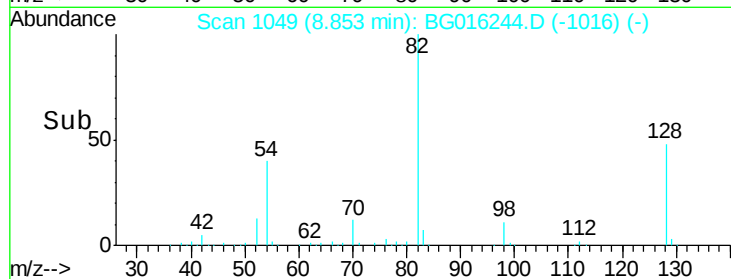
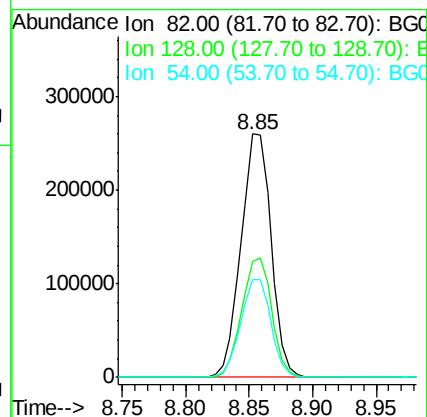
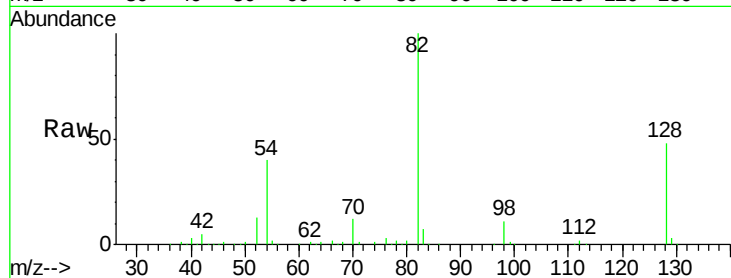




#23
Nitrobenzene-d5
Concen: 88.29 ng
RT: 8.85 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG016244.D
Acq: 7 Apr 2015 4:21

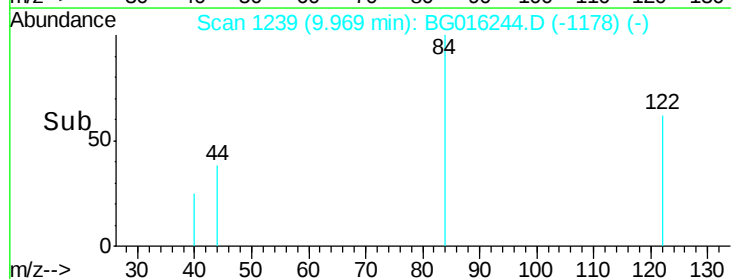
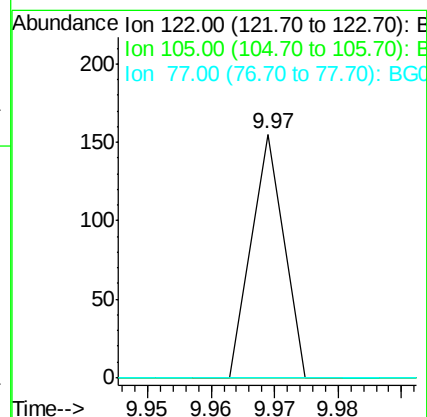
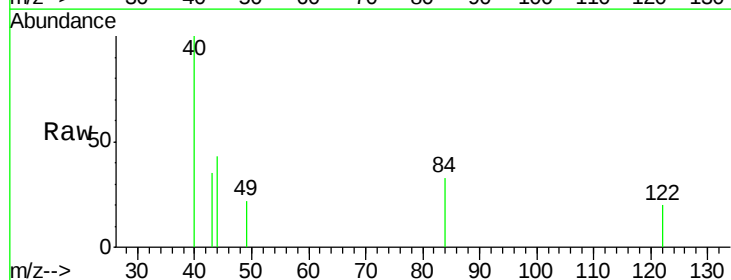
Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS-A

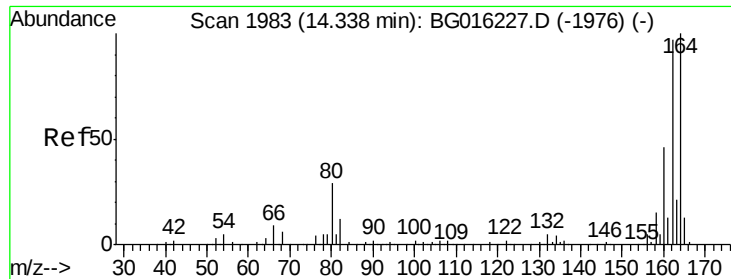
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.8	56.8
54	39.9	32.6	49.0



#32
Benzoic acid
Concen: 8.75 ng
RT: 9.97 min Scan# 1239
Delta R.T. 0.16 min
Lab File: BG016244.D
Acq: 7 Apr 2015 4:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	99.7	139.7#
77	0.0	66.8	106.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG016244.D

Acq: 7 Apr 2015 4:21

Instrument :

BNA_G

ClientSampleId :

SOIL-CUTTINGS-A

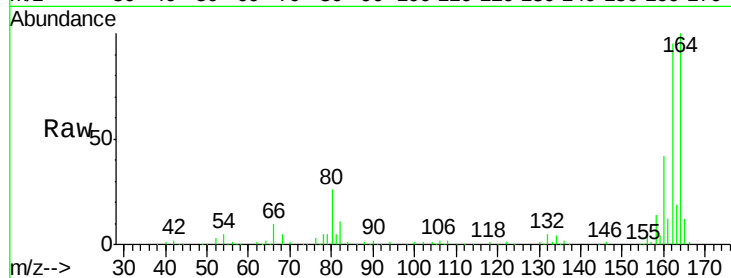
Tgt Ion:164 Resp: 165222

Ion Ratio Lower Upper

164 100

162 95.3 77.3 115.9

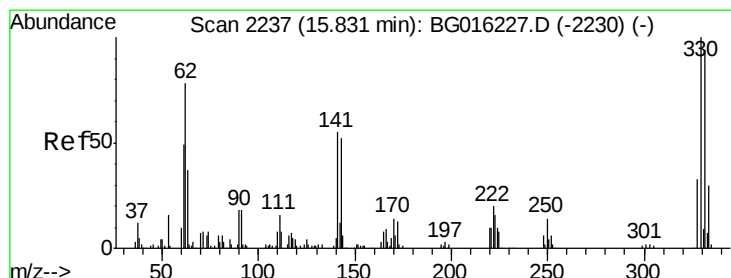
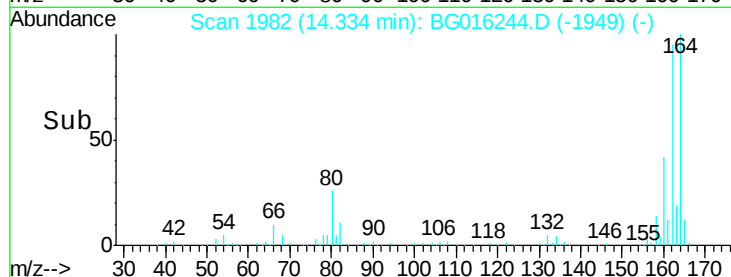
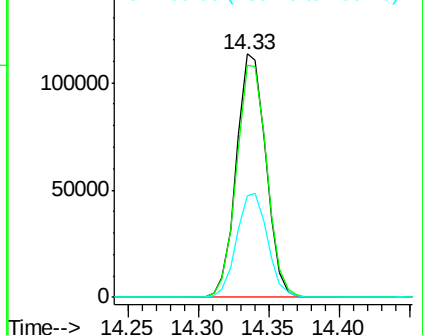
160 41.7 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 151.52 ng

RT: 15.83 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BG016244.D

Acq: 7 Apr 2015 4:21

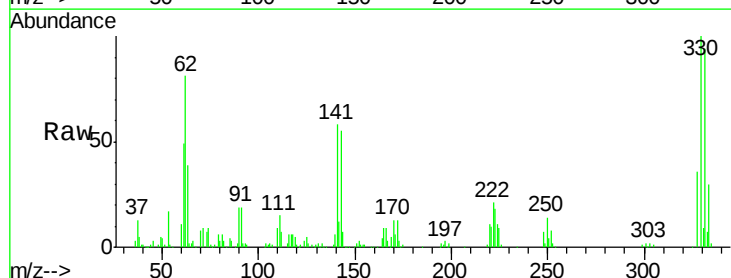
Tgt Ion:330 Resp: 169311

Ion Ratio Lower Upper

330 100

332 96.2 75.8 113.6

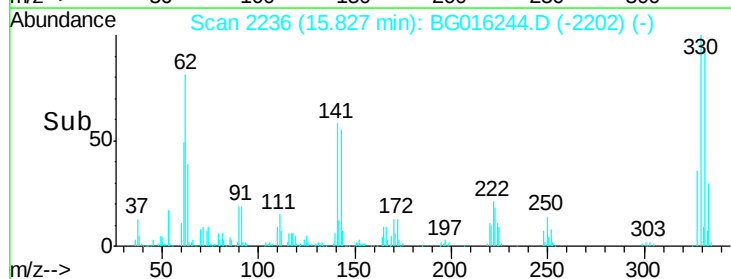
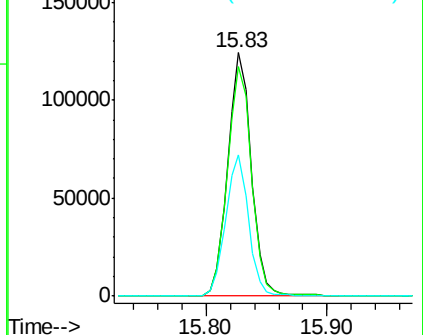
141 56.2 46.6 69.8

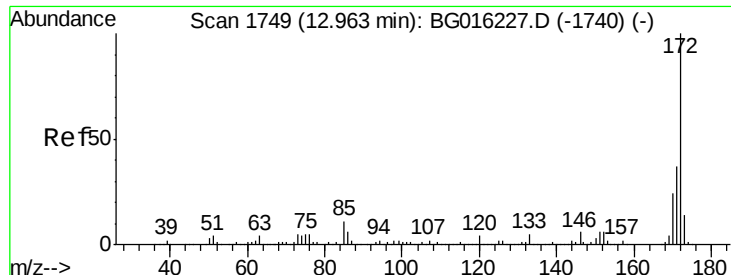


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

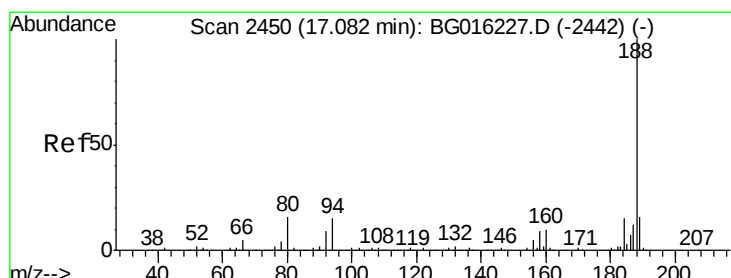
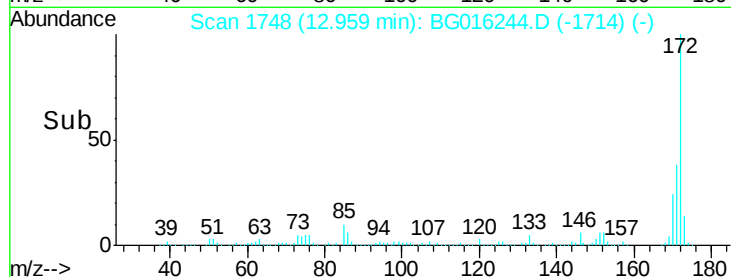
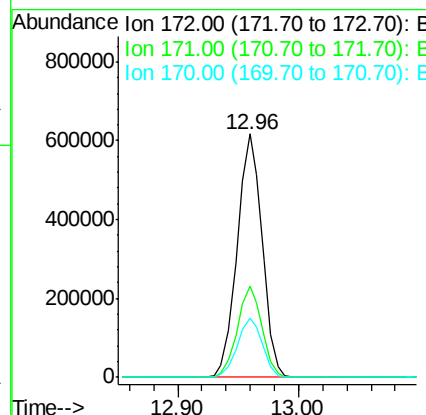
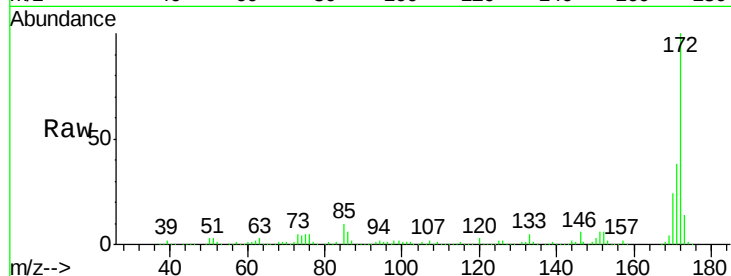




#44
 2-Fluorobiphenyl
 Concen: 91.33 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG016244.D
 Acq: 7 Apr 2015 4:21

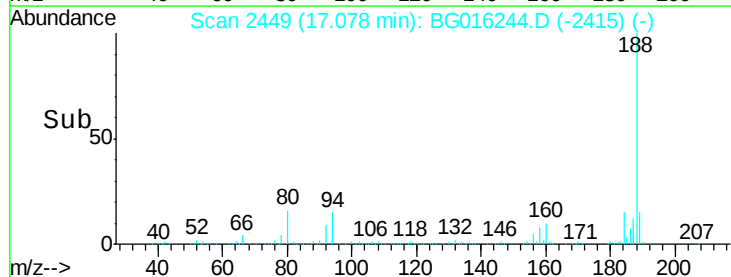
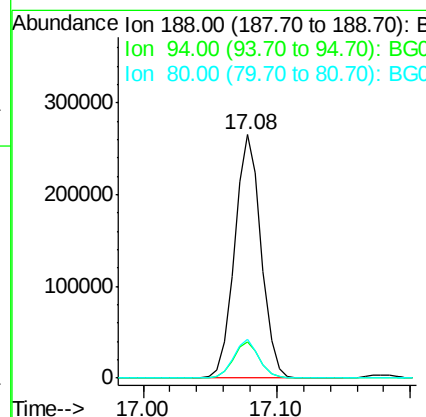
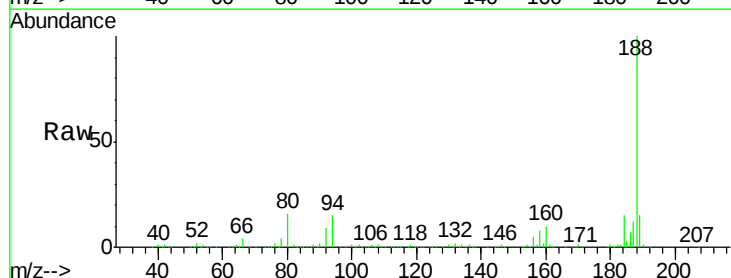
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-CUTTINGS-A

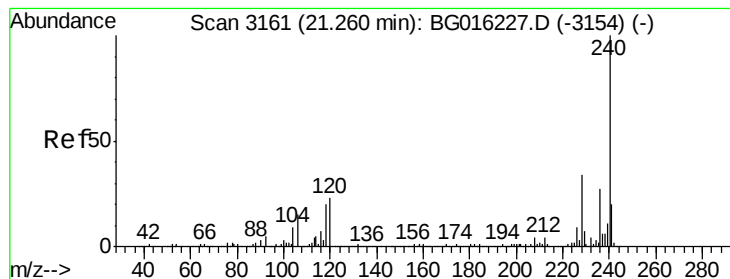
Tgt Ion:172 Resp: 886279
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.6 44.4
 170 24.5 19.4 29.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.08 min Scan# 2449
 Delta R.T. -0.00 min
 Lab File: BG016244.D
 Acq: 7 Apr 2015 4:21

Tgt Ion:188 Resp: 366303
 Ion Ratio Lower Upper
 188 100
 94 15.0 12.2 18.4
 80 15.8 12.8 19.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG016244.D

Acq: 7 Apr 2015 4:21

Instrument :

BNA_G

ClientSampleId :

SOIL-CUTTINGS-A

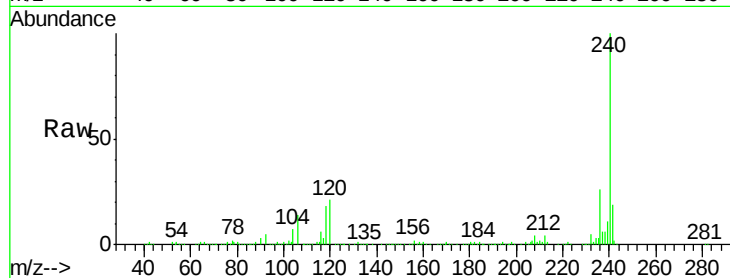
Tgt Ion:240 Resp: 358342

Ion Ratio Lower Upper

240 100

120 20.6 18.6 28.0

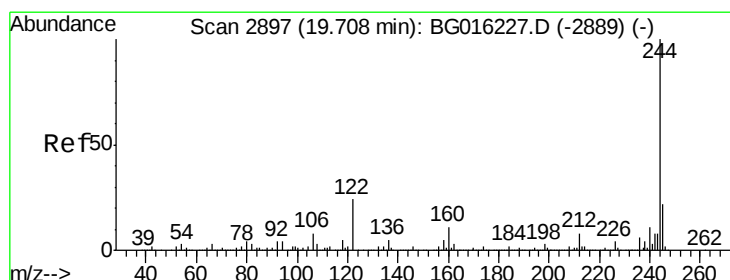
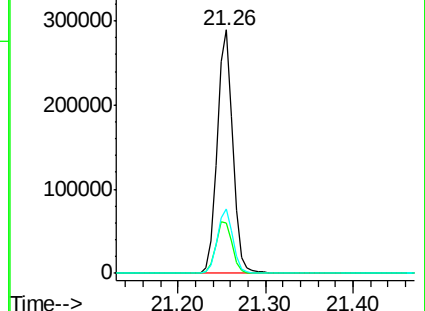
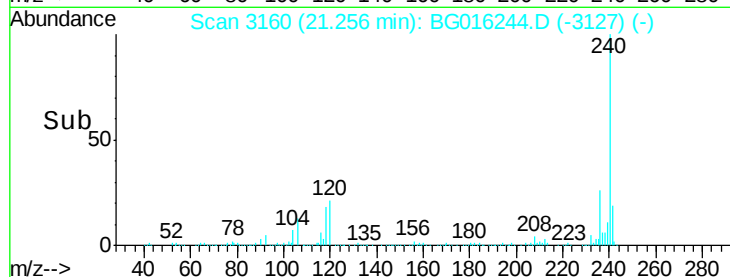
236 26.4 21.7 32.5



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: 81.78 ng

RT: 19.70 min Scan# 2896

Delta R.T. -0.01 min

Lab File: BG016244.D

Acq: 7 Apr 2015 4:21

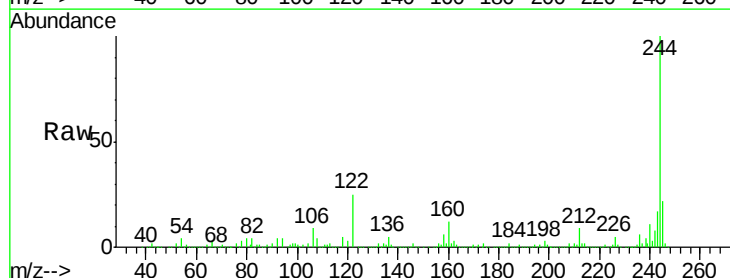
Tgt Ion:244 Resp: 1252203

Ion Ratio Lower Upper

244 100

212 8.6 6.6 9.8

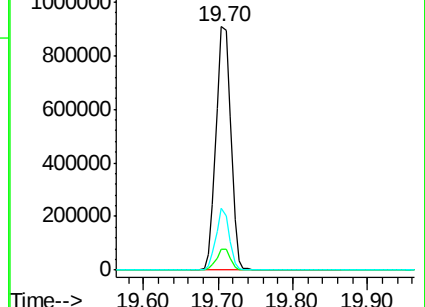
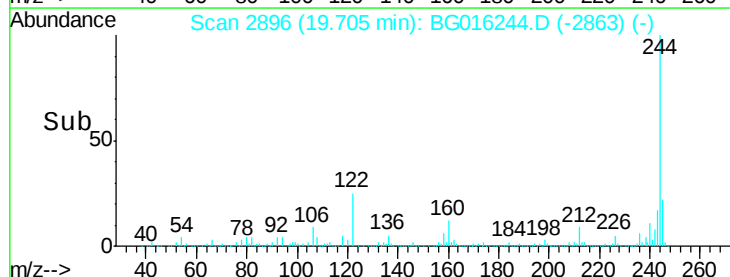
122 25.4 19.1 28.7

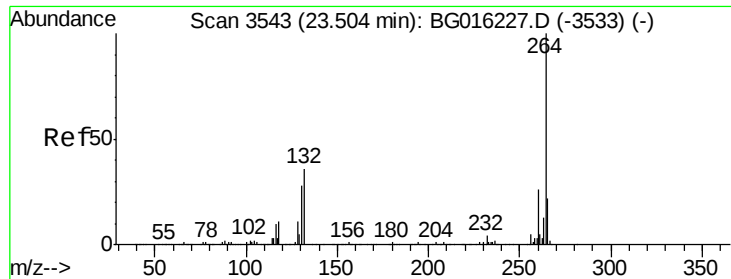


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.50 min Scan# 3542
Delta R.T. -0.00 min
Lab File: BG016244.D
Acq: 7 Apr 2015 4:21

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS-A

Tgt Ion: 264 Resp: 321892
Ion Ratio Lower Upper
264 100
260 23.9 20.4 30.6
265 20.9 17.2 25.8

