

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016139.D
 Acq On : 26 Mar 2015 14:37
 Operator : TP/IZ
 Sample : G1614-03
 Misc : LOD-SOIL-1PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Mar 27 02:38:12 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 03:23:37 2015
 Response via : Initial Calibration

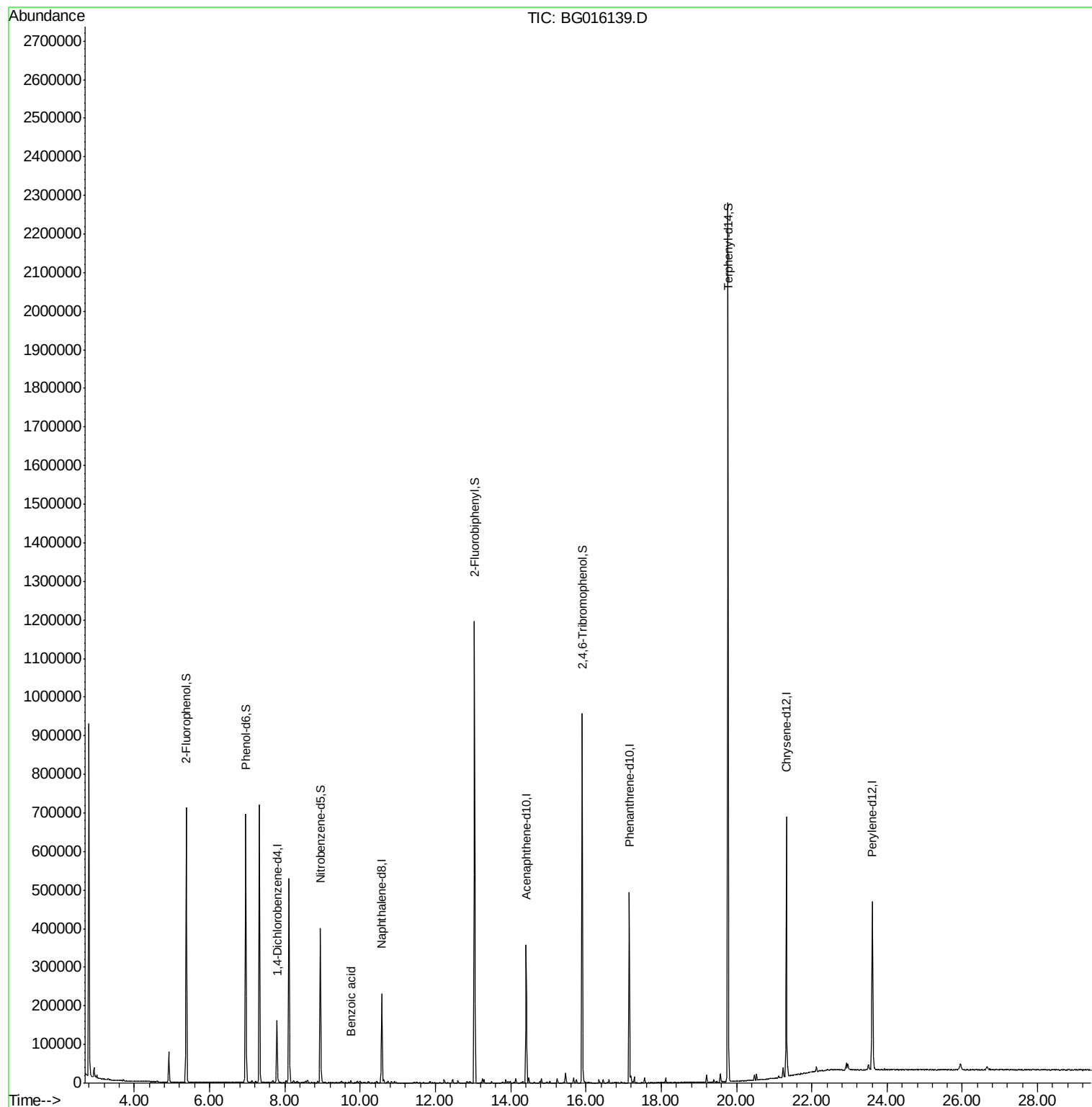
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	46660	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	196953	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	124227	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	288112	20.00	ng	0.00
75) Chrysene-d12	21.32	240	308918	20.00	ng	0.00
86) Perylene-d12	23.61	264	297528	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	342132	122.72	ng	0.00
7) Phenol-d6	6.96	99	462708	119.24	ng	0.00
23) Nitrobenzene-d5	8.94	82	232755	73.28	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	179713	125.98	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	591625	79.72	ng	0.00
78) Terphenyl-d14	19.78	244	985800	80.37	ng	0.00
Target Compounds						
32) Benzoic acid	9.76	122	1976	6.14	ng	Qvalue # 14

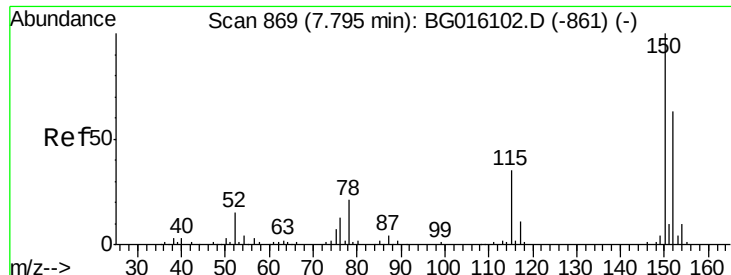
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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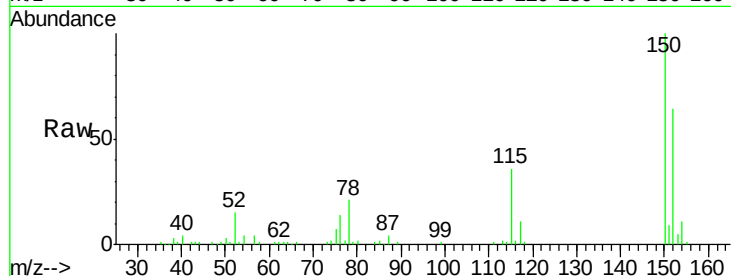


#1

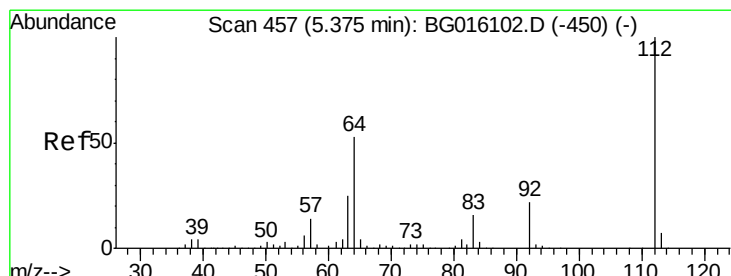
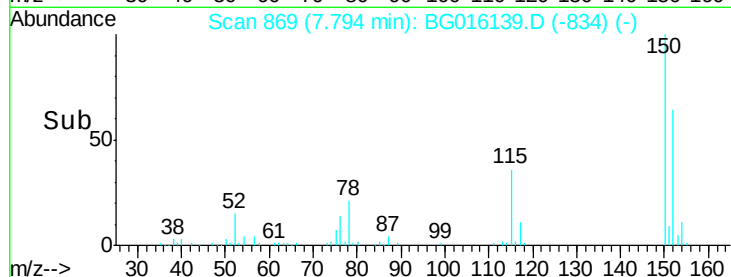
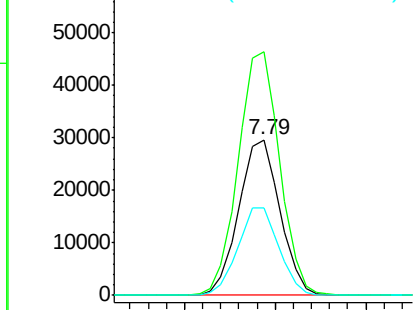
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 869
Delta R.T. 0.00 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:152 Resp: 46660
Ion Ratio Lower Upper
152 100
150 156.2 126.1 189.1
115 56.5 43.7 65.5



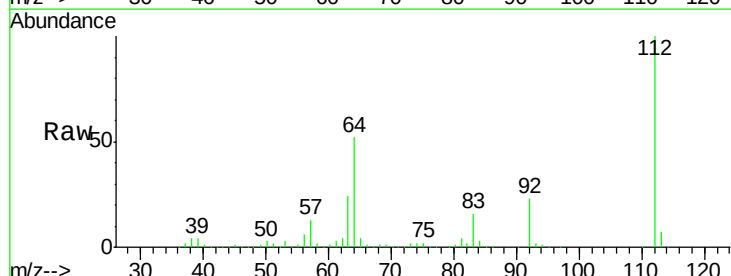
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



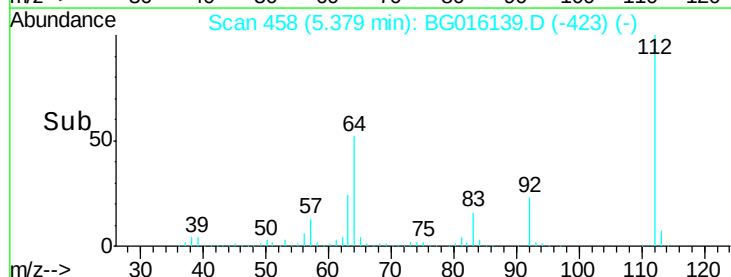
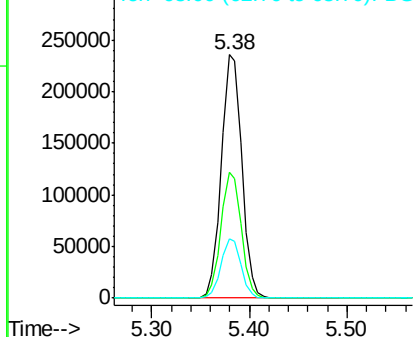
#5

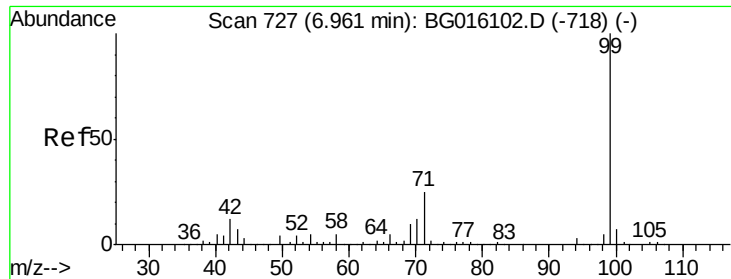
2-Fluorophenol
Concen: 122.72 ng
RT: 5.38 min Scan# 458
Delta R.T. 0.00 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

Tgt Ion:112 Resp: 342132
Ion Ratio Lower Upper
112 100
64 51.6 42.6 64.0
63 24.4 19.9 29.9



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: 119.24 ng

RT: 6.96 min Scan# 727

Delta R.T. 0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

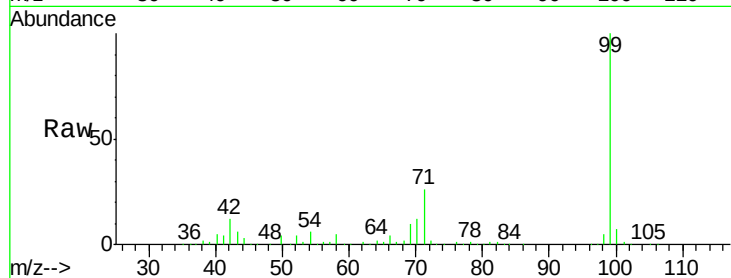
Tgt Ion: 99 Resp: 462708

Ion Ratio Lower Upper

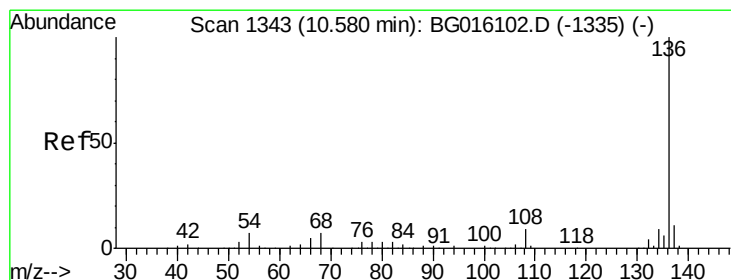
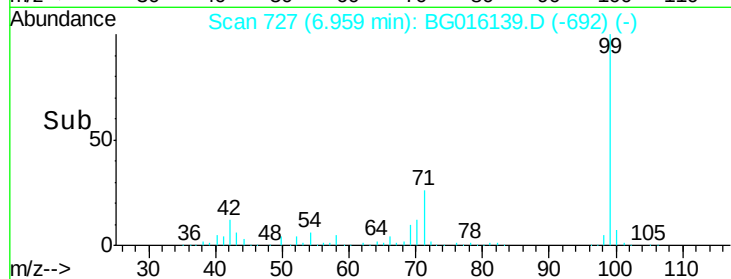
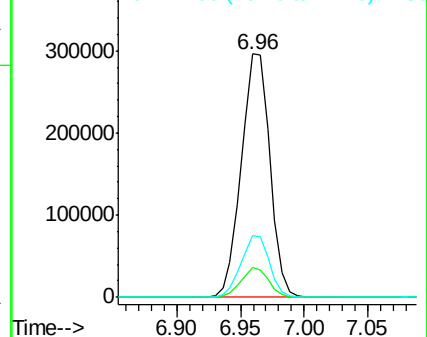
99 100

42 12.3 9.4 14.0

71 25.7 19.9 29.9



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: 10.58 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Tgt Ion: 136 Resp: 196953

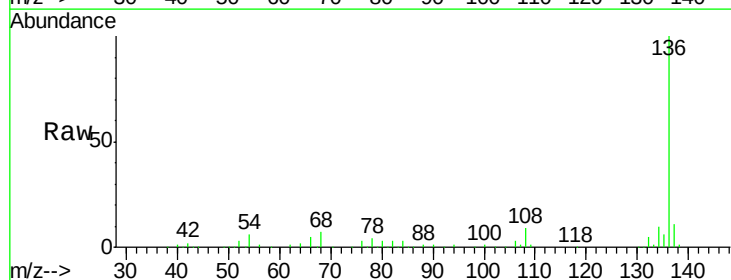
Ion Ratio Lower Upper

136 100

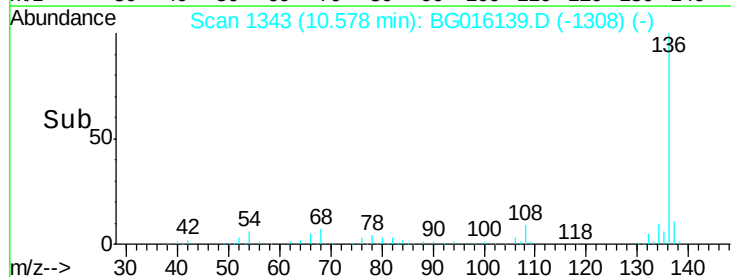
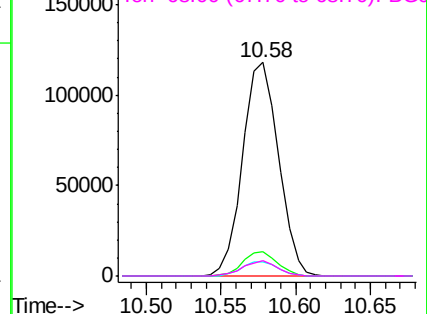
137 11.4 9.0 13.4

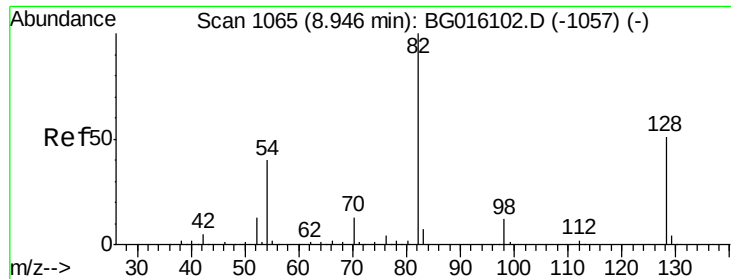
54 6.5 5.5 8.3

68 7.1 6.0 9.0



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

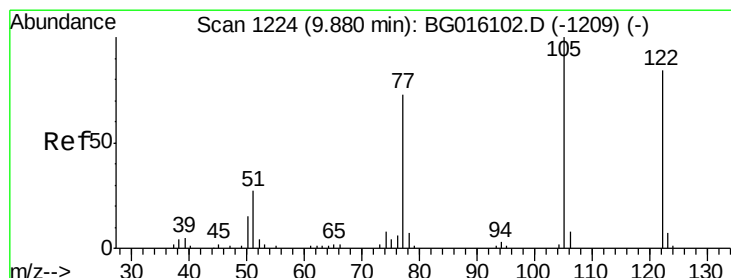
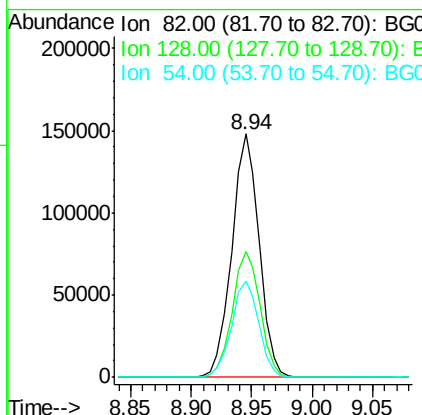
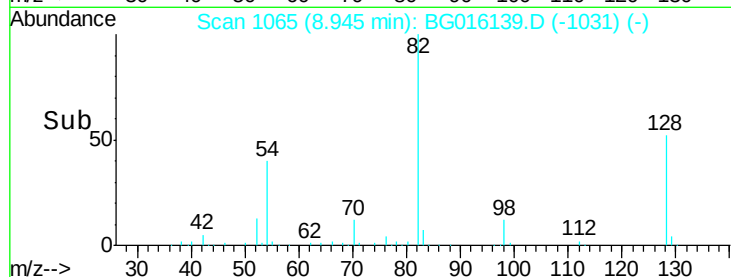
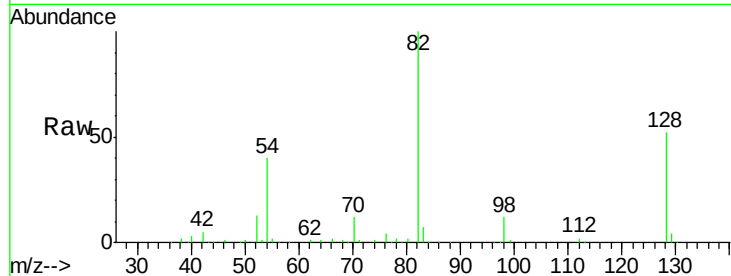




#23
 Nitrobenzene-d5
 Concen: 73.28 ng
 RT: 8.94 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG016139.D
 Acq: 26 Mar 2015 14:37

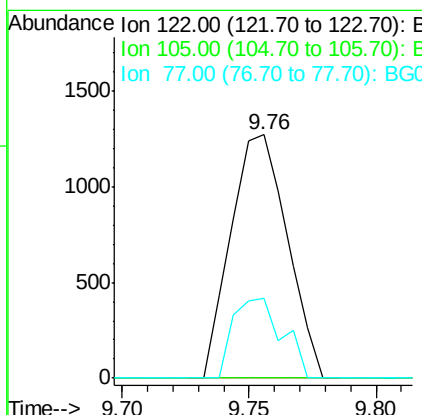
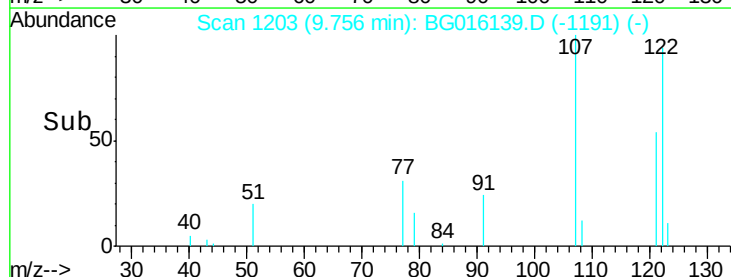
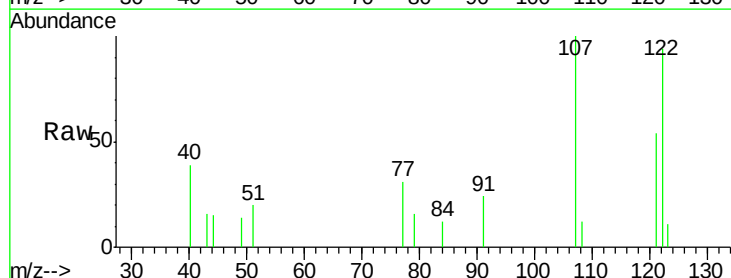
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

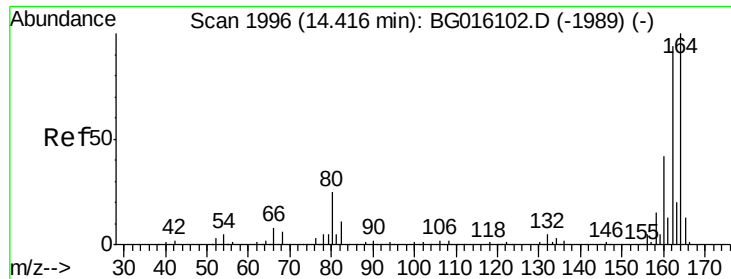
Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.8	40.4	60.6
54	39.7	32.1	48.1



#32
 Benzoic acid
 Concen: 6.14 ng
 RT: 9.76 min Scan# 1203
 Delta R.T. -0.13 min
 Lab File: BG016139.D
 Acq: 26 Mar 2015 14:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	97.2	137.2#
77	32.8	65.0	105.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.41 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

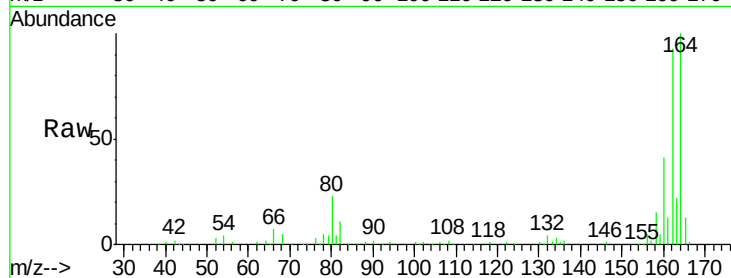
Tgt Ion:164 Resp: 124227

Ion Ratio Lower Upper

164 100

162 93.0 75.2 112.8

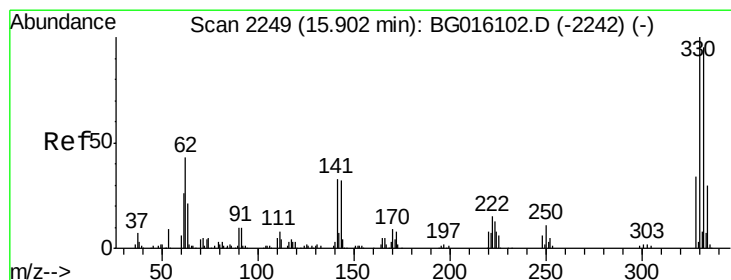
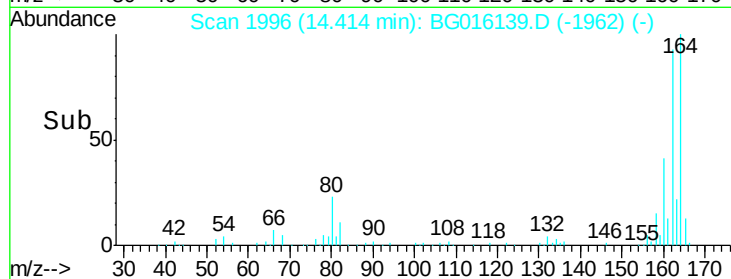
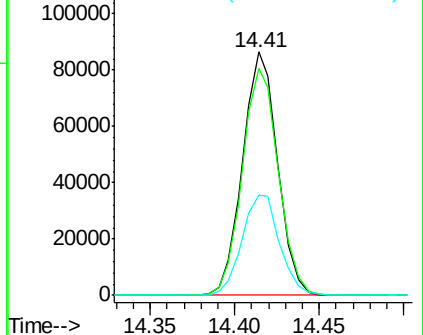
160 41.4 33.9 50.9



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: 125.98 ng

RT: 15.90 min Scan# 2249

Delta R.T. -0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

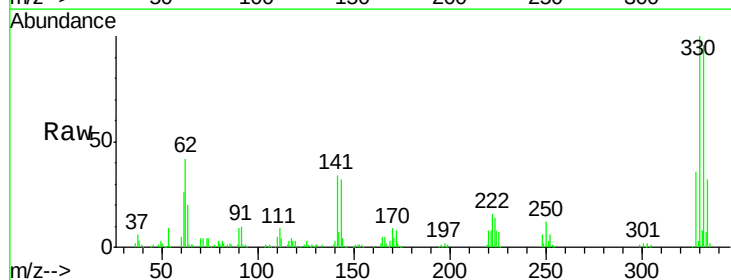
Tgt Ion:330 Resp: 179713

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

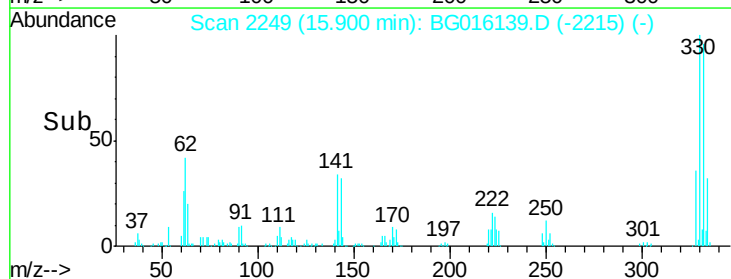
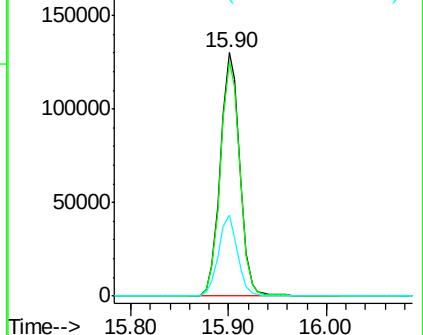
141 32.7 26.2 39.4

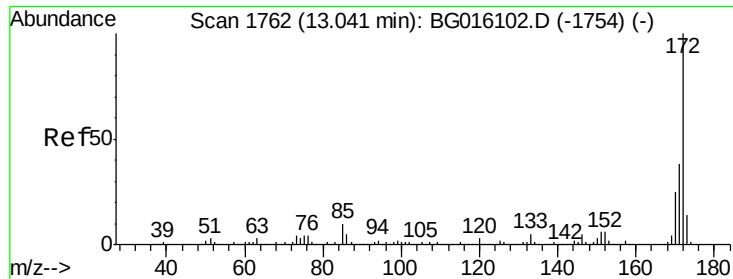


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

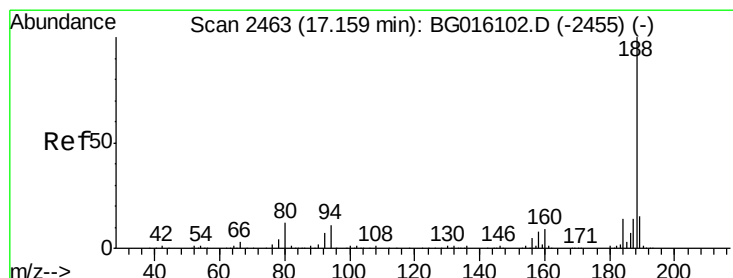
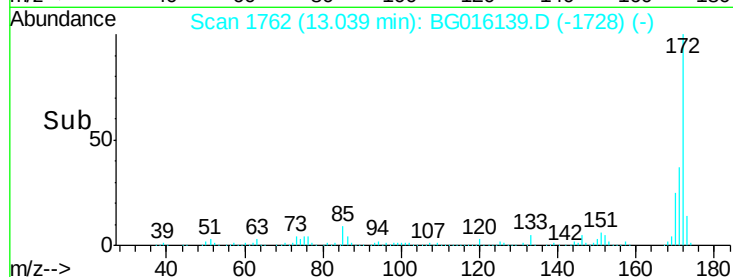
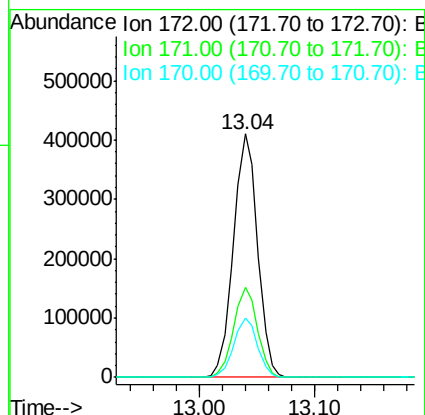
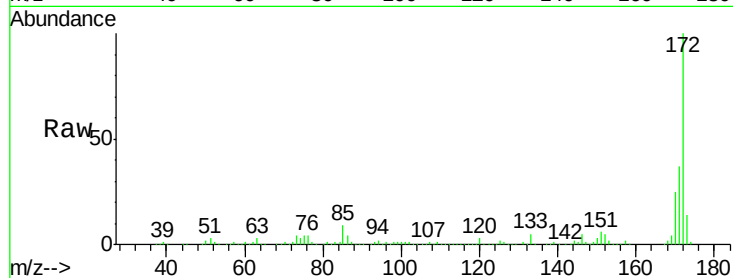




#44
 2-Fluorobiphenyl
 Concen: 79.72 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG016139.D
 Acq: 26 Mar 2015 14:37

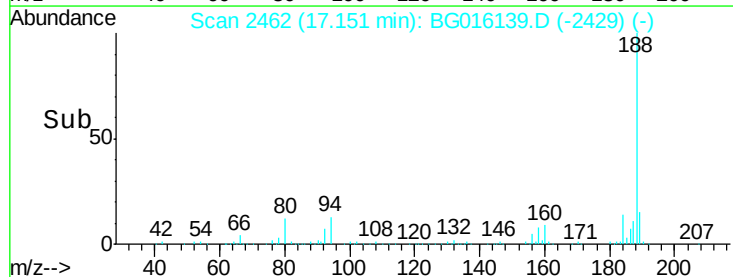
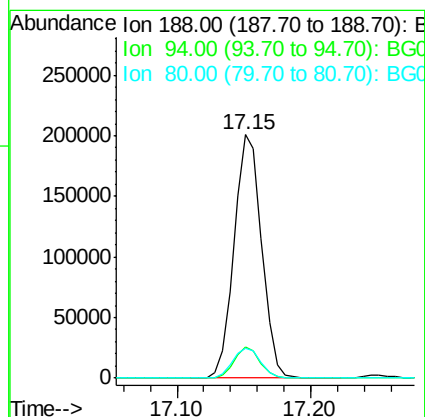
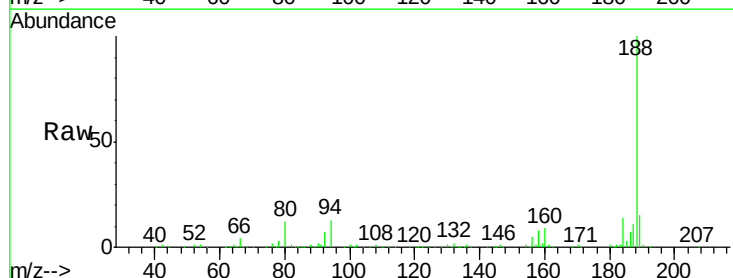
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

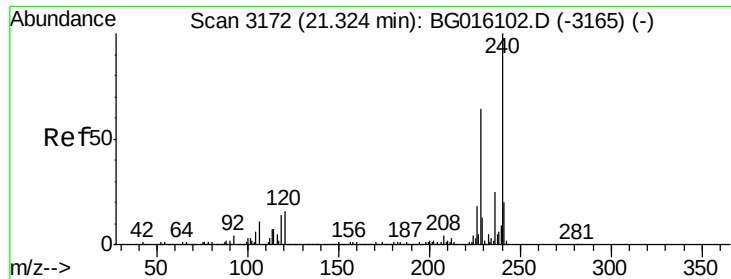
Tgt Ion:172 Resp: 591625
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.3 45.5
 170 24.5 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.15 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BG016139.D
 Acq: 26 Mar 2015 14:37

Tgt Ion:188 Resp: 288112
 Ion Ratio Lower Upper
 188 100
 94 12.6 9.1 13.7
 80 12.3 9.8 14.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.32 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

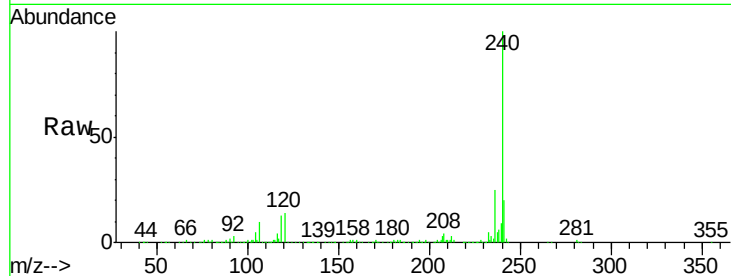
Tgt Ion:240 Resp: 308918

Ion Ratio Lower Upper

240 100

120 14.4 13.0 19.4

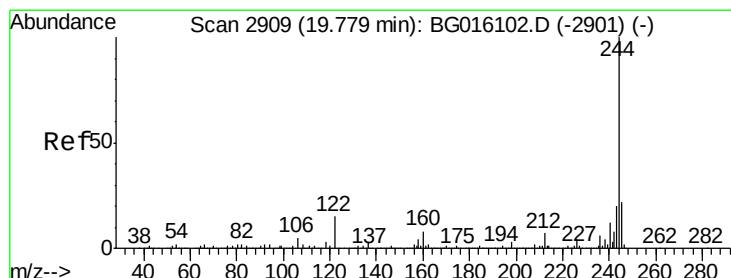
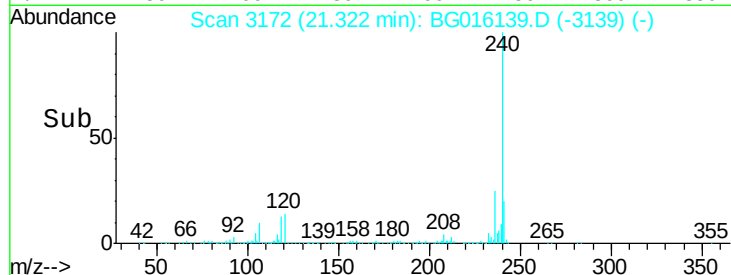
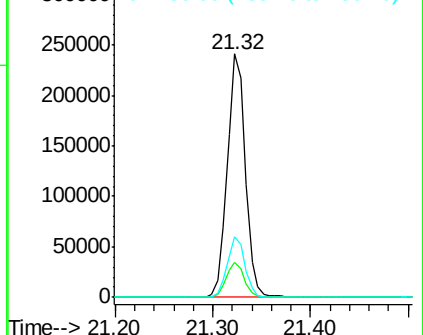
236 25.1 20.2 30.2



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: 80.37 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG016139.D

Acq: 26 Mar 2015 14:37

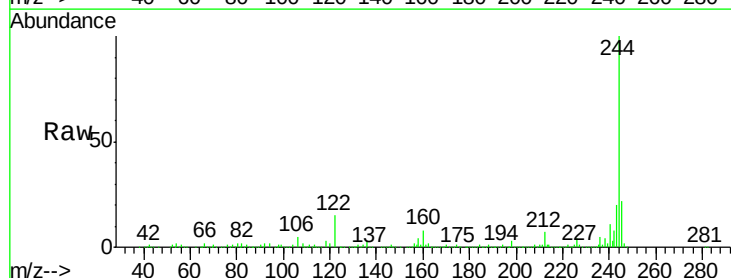
Tgt Ion:244 Resp: 985800

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

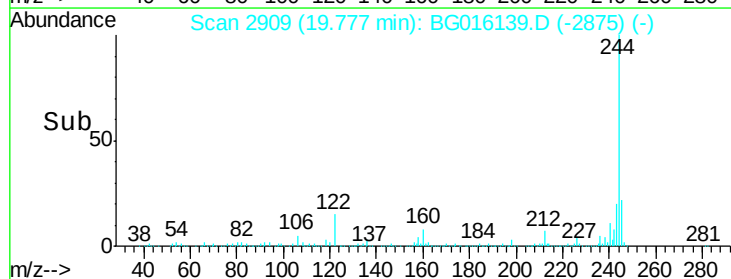
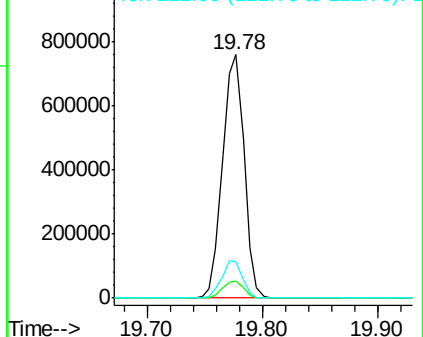
122 15.0 12.2 18.2

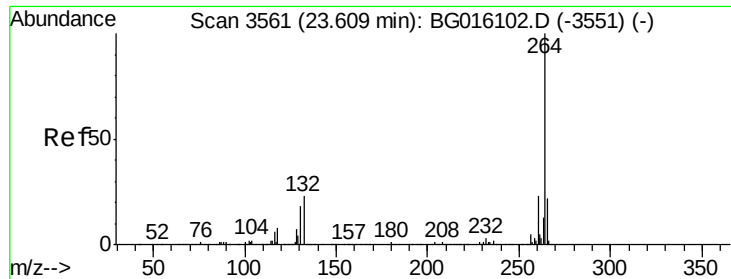


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.61 min Scan# 3561
Delta R.T. -0.01 min
Lab File: BG016139.D
Acq: 26 Mar 2015 14:37

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	22.2	17.3	25.9

