

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016142.D
 Acq On : 26 Mar 2015 16:20
 Operator : TP/IZ
 Sample : G1614-03
 Misc : LOD-SOIL-8PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Mar 27 04:05:41 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	47765	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	208176	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	130202	20.00	ng	0.00
63) Phenanthrene-d10	17.16	188	295353	20.00	ng	0.00
75) Chrysene-d12	21.32	240	328203	20.00	ng	0.00
86) Perylene-d12	23.61	264	311886	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	404005	141.56	ng	0.00
7) Phenol-d6	6.97	99	550921	138.68	ng	0.01
23) Nitrobenzene-d5	8.95	82	276951	82.49	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	215836	144.36	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	705511	90.70	ng	0.00
78) Terphenyl-d14	19.78	244	1158487	88.90	ng	0.00

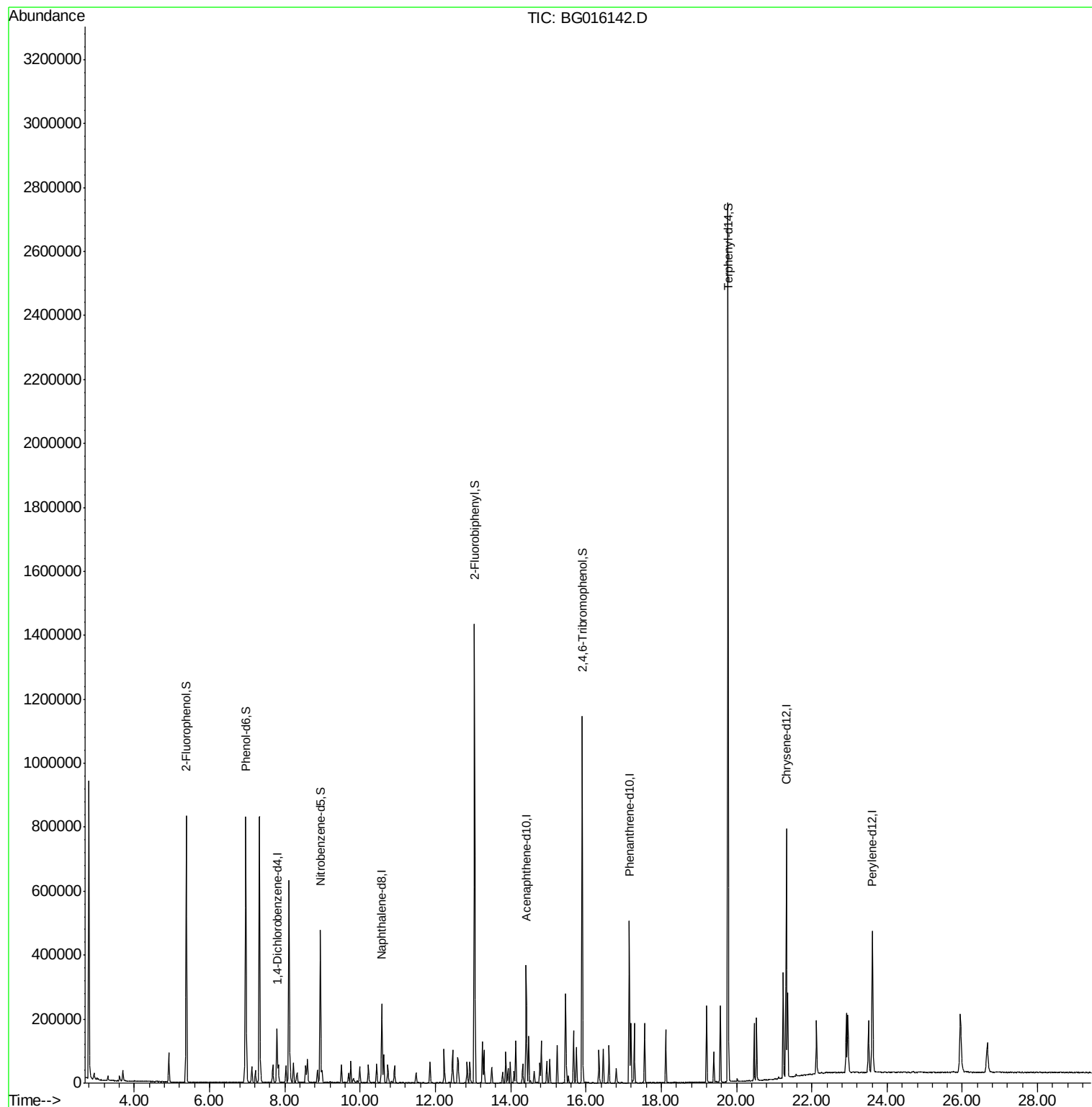
Target Compounds	Qvalue
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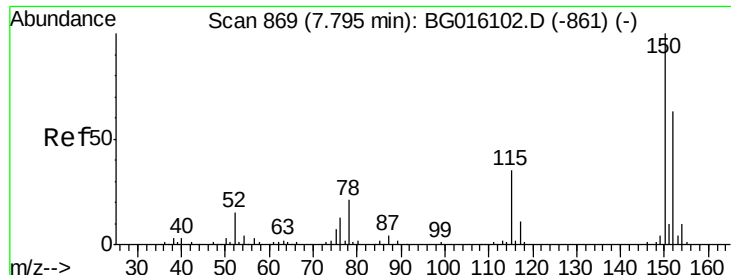
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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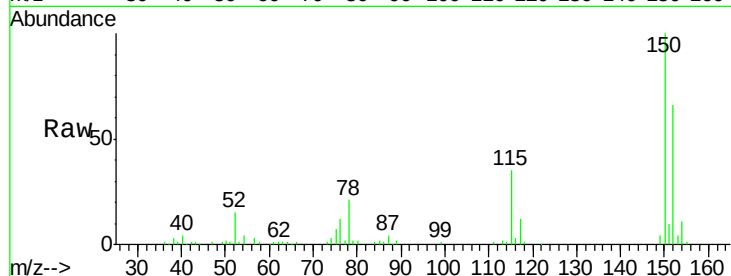


#1

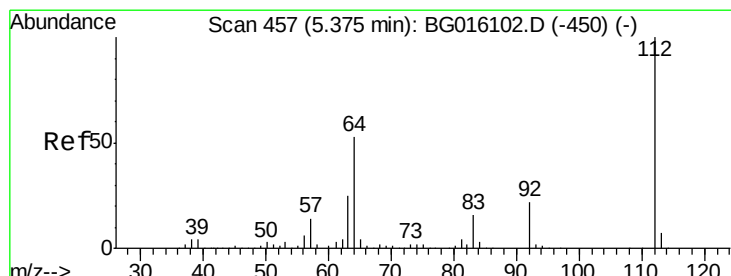
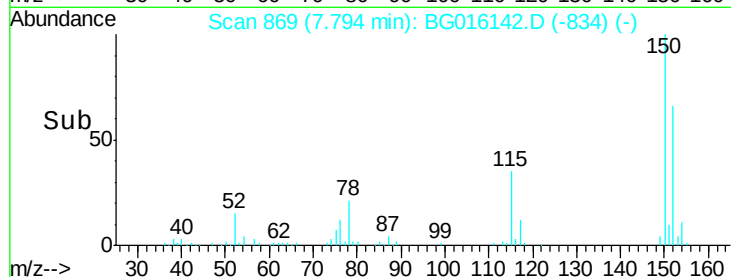
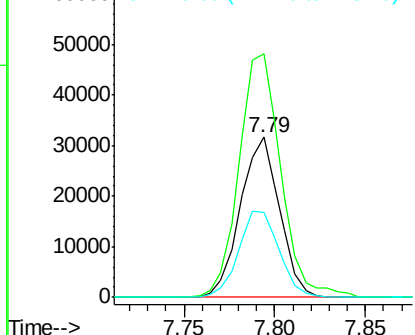
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 869
Delta R.T. 0.01 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion:152 Resp: 47765
Ion Ratio Lower Upper
152 100
150 152.3 126.1 189.1
115 52.7 43.7 65.5



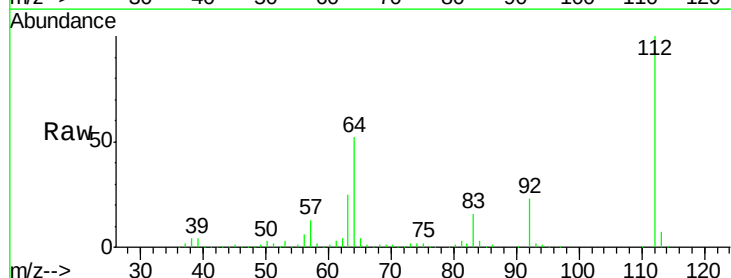
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



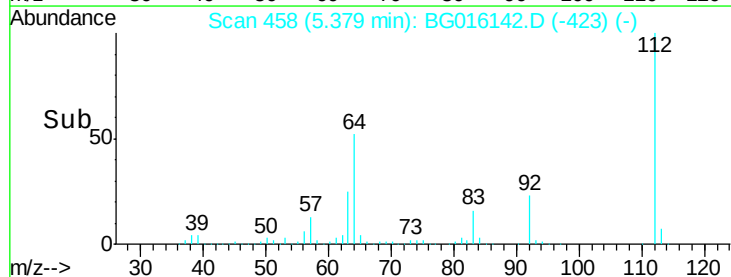
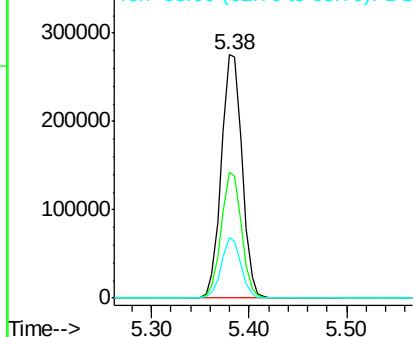
#5

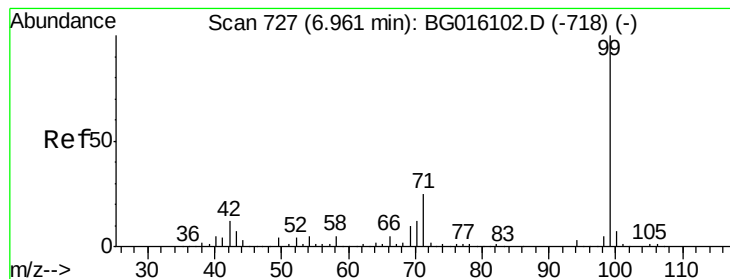
2-Fluorophenol
Concen: 141.56 ng
RT: 5.38 min Scan# 458
Delta R.T. 0.01 min
Lab File: BG016142.D
Acq: 26 Mar 2015 16:20

Tgt Ion:112 Resp: 404005
Ion Ratio Lower Upper
112 100
64 51.9 42.6 64.0
63 24.8 19.9 29.9



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: 138.68 ng

RT: 6.97 min Scan# 728

Delta R.T. 0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

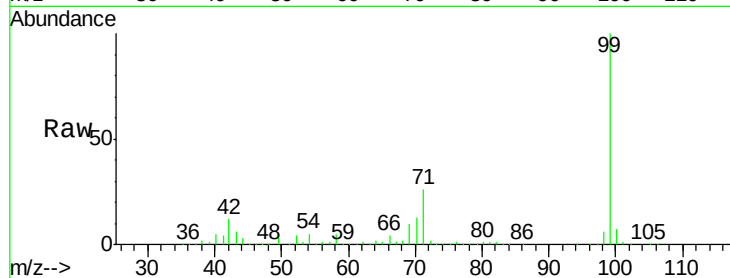
Tgt Ion: 99 Resp: 550921

Ion Ratio Lower Upper

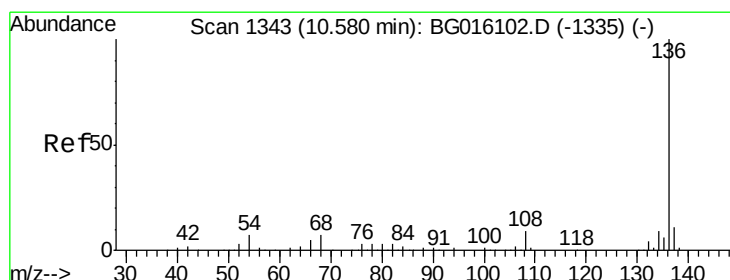
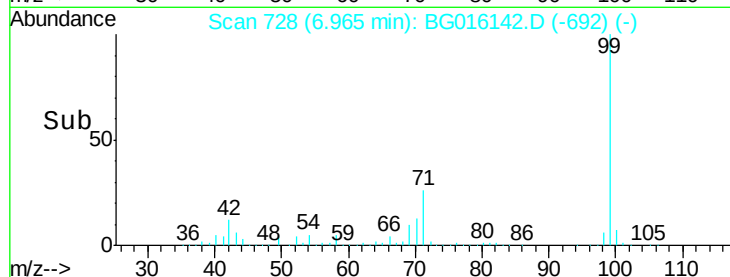
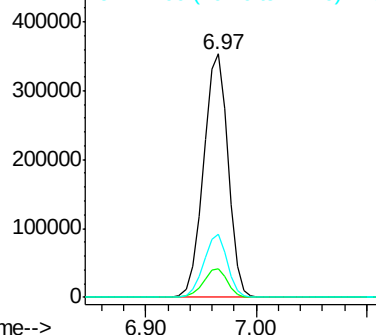
99 100

42 11.6 9.4 14.0

71 25.9 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. 0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

Tgt Ion: 136 Resp: 208176

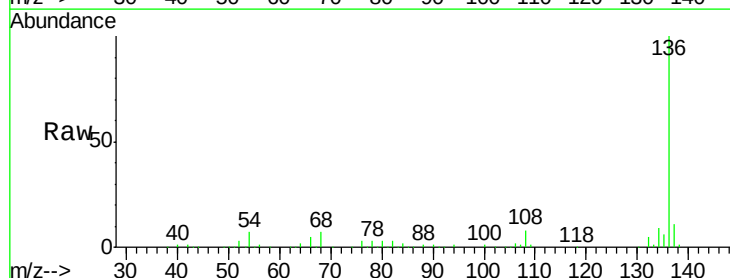
Ion Ratio Lower Upper

136 100

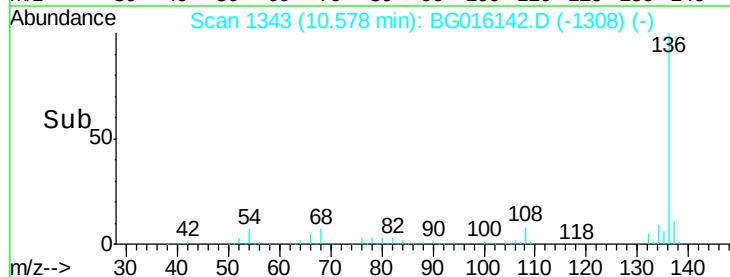
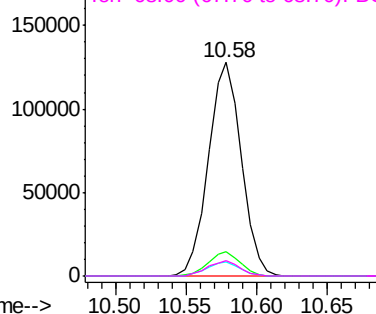
137 11.2 9.0 13.4

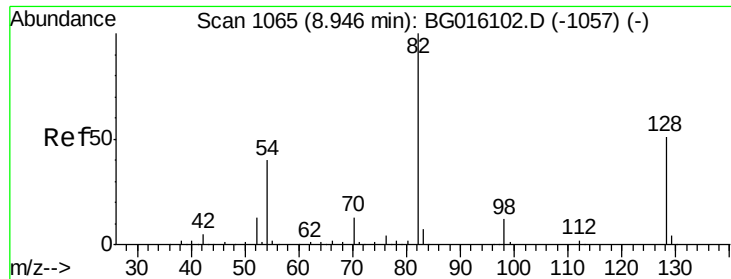
54 6.8 5.5 8.3

68 7.4 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

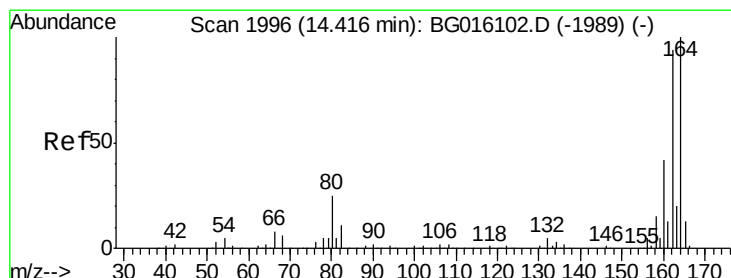
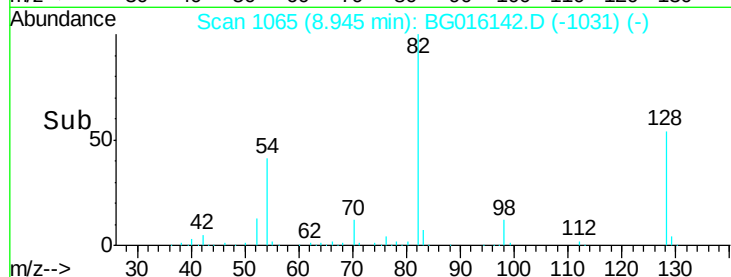
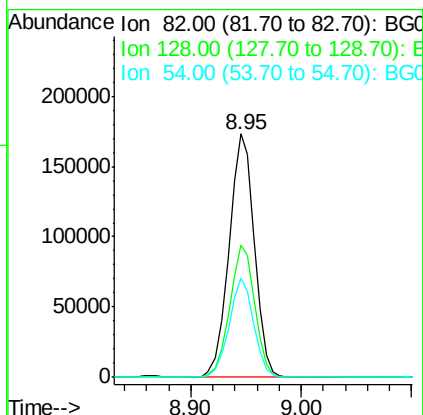
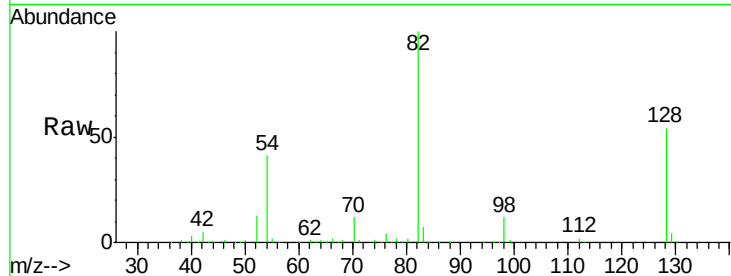




#23
 Nitrobenzene-d5
 Concen: 82.49 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

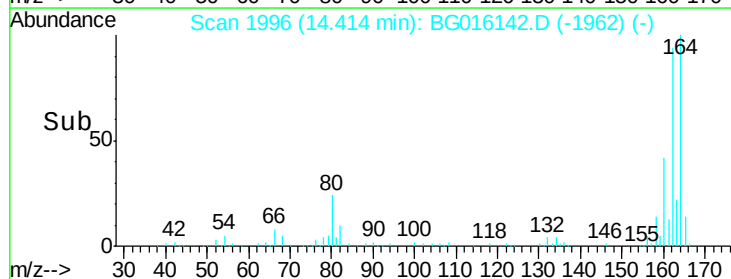
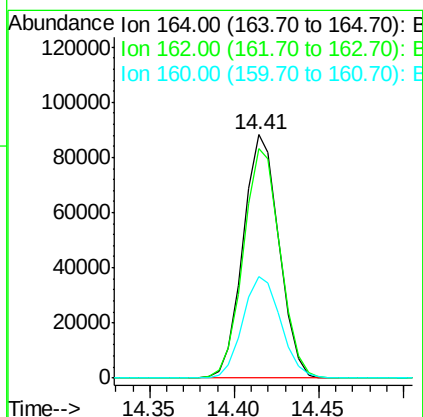
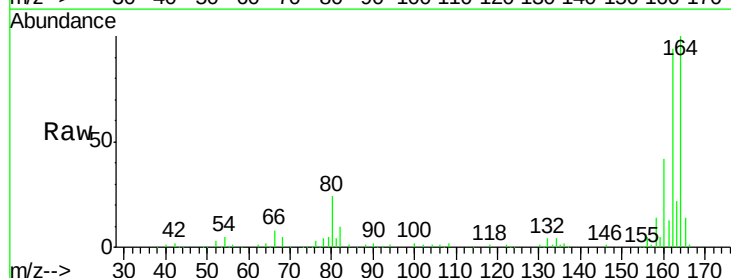
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

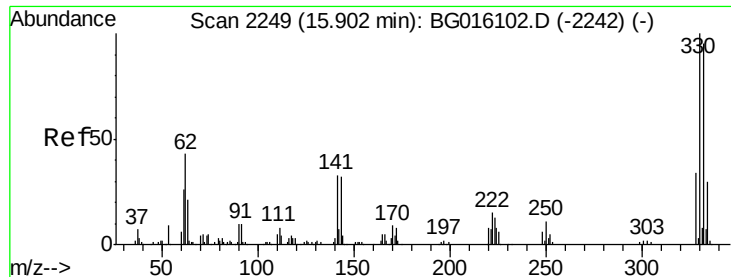
Tgt Ion	Ratio	Lower	Upper
82	100		
128	54.4	40.4	60.6
54	40.5	32.1	48.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.41 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.1	75.2	112.8
160	41.7	33.9	50.9

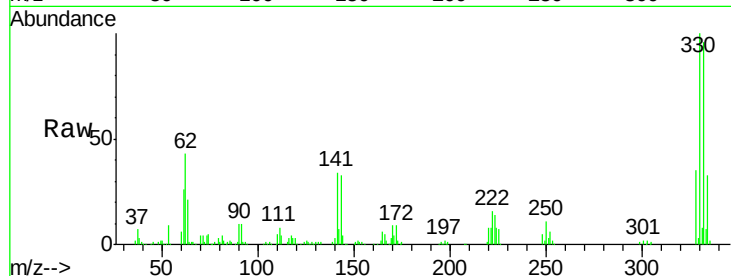




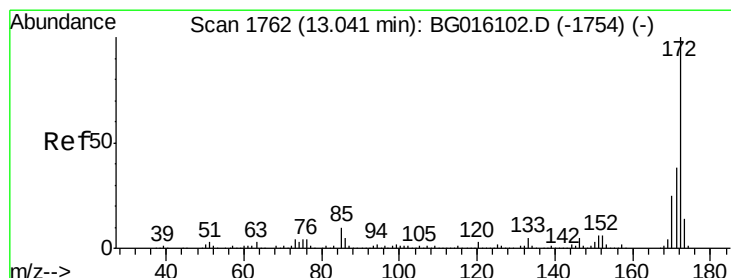
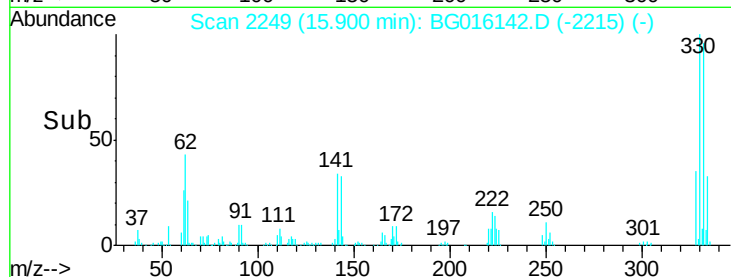
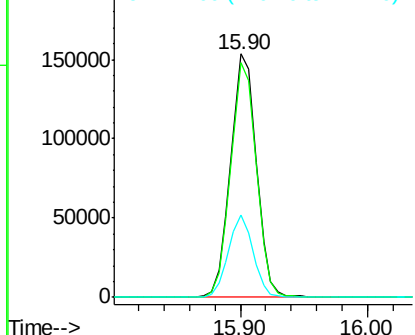
#41
 2,4,6-Tribromophenol
 Concen: 144.36 ng
 RT: 15.90 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	32.6	26.2	39.4

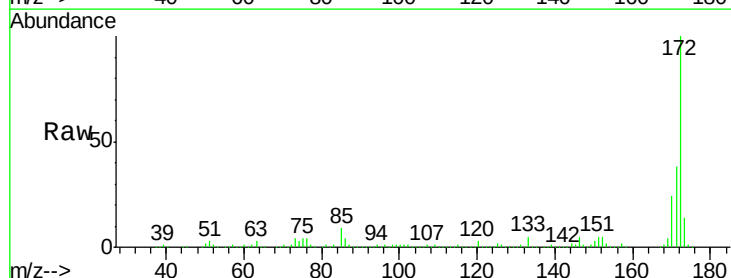


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

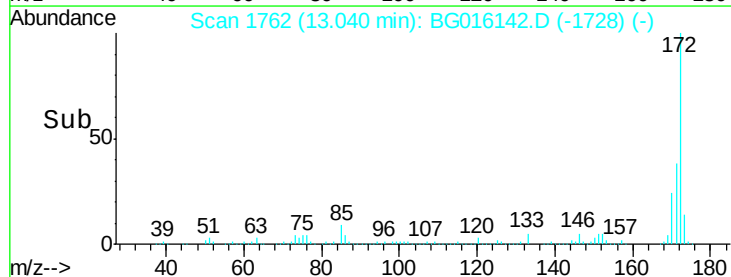
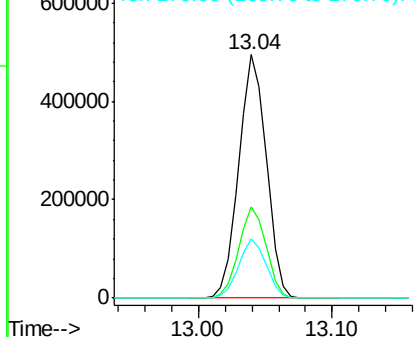


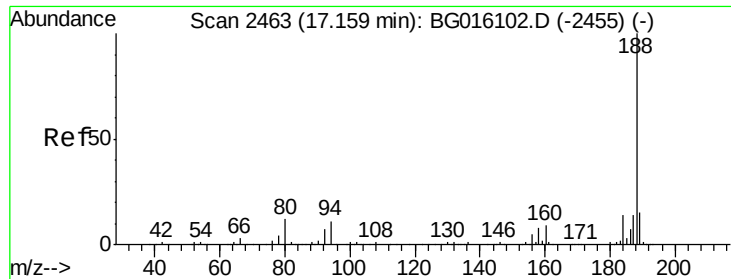
#44
 2-Fluorobiphenyl
 Concen: 90.70 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG016142.D
 Acq: 26 Mar 2015 16:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.3	45.5
170	24.5	19.8	29.8



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.16 min Scan# 2463

Delta R.T. -0.00 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

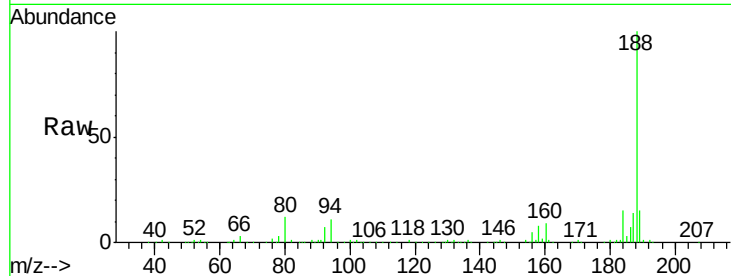
Tgt Ion:188 Resp: 295353

Ion Ratio Lower Upper

188 100

94 11.1 9.1 13.7

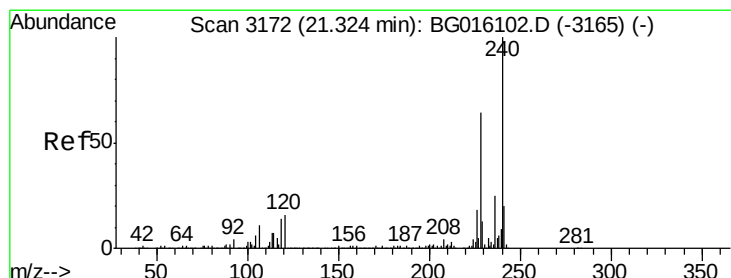
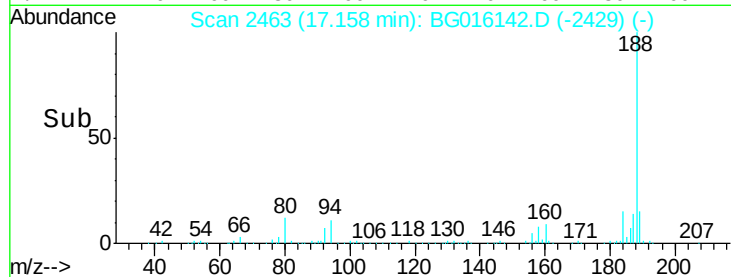
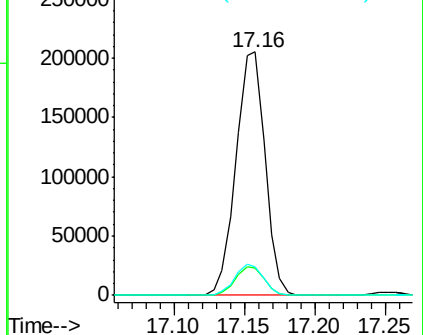
80 11.9 9.8 14.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.32 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

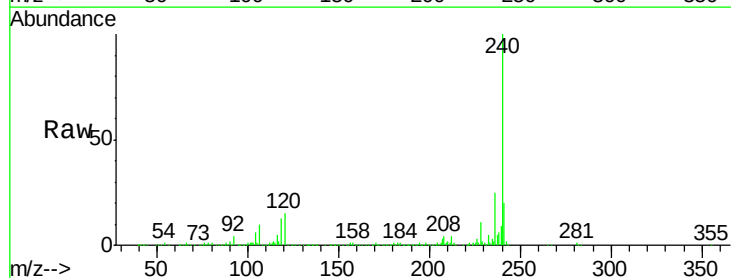
Tgt Ion:240 Resp: 328203

Ion Ratio Lower Upper

240 100

120 15.2 13.0 19.4

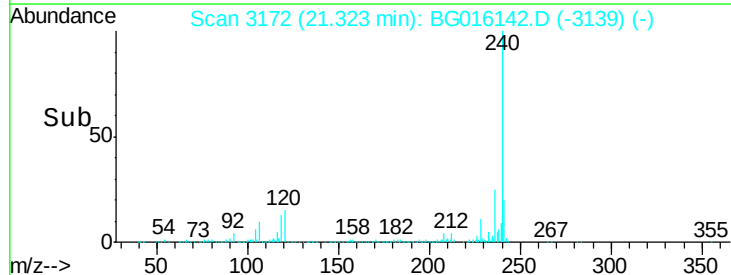
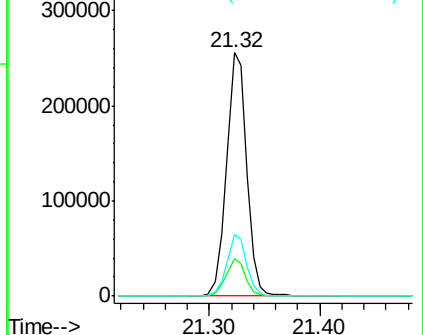
236 25.5 20.2 30.2

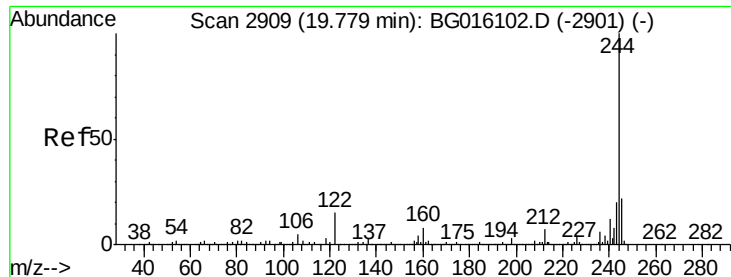


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.90 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG016142.D

Acq: 26 Mar 2015 16:20

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

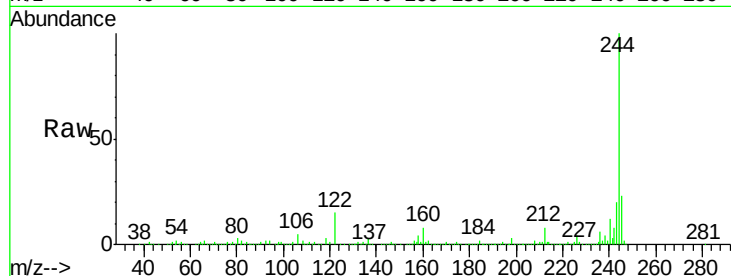
Tgt Ion:244 Resp: 1158487

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

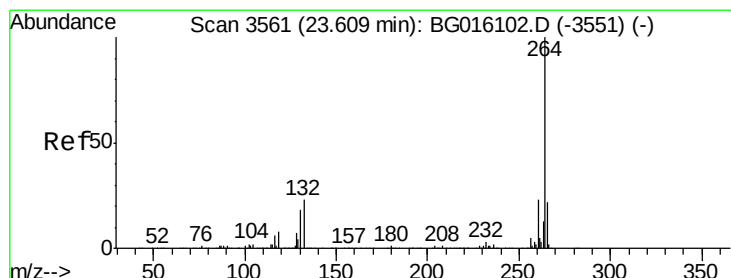
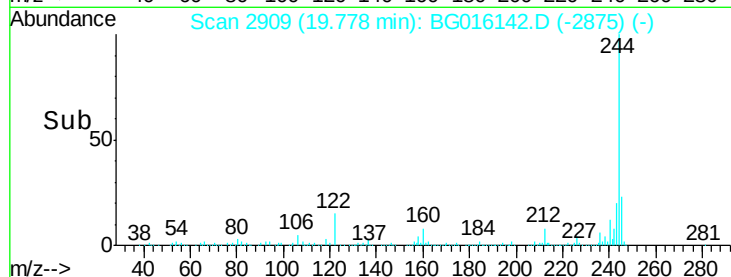
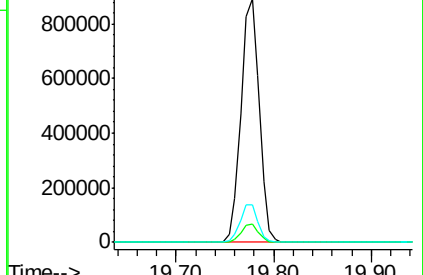
122 15.3 12.2 18.2



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: BG016142.D

Acq: 26 Mar 2015 16:20

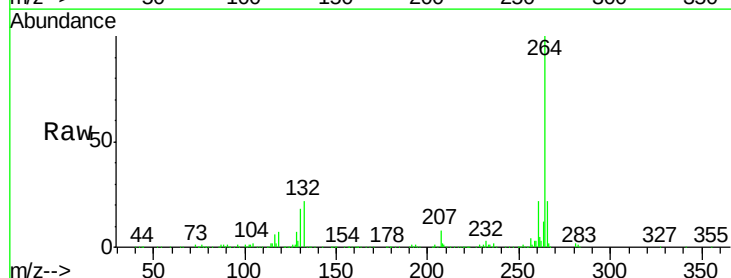
Tgt Ion:264 Resp: 311886

Ion Ratio Lower Upper

264 100

260 22.5 18.4 27.6

265 21.7 17.3 25.9



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

