

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062716\
 Data File : BG022663.D
 Acq On : 28 Jun 2016 4:38
 Operator : UM/SJ
 Sample : H3606-03
 Misc : LOD-8PPM
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2016-01

Quant Time: Jun 28 07:57:10 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	145204	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	584666	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	434531	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1185796	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1372502	20.00	ng	0.00
86) Perylene-d12	25.21	264	1461666	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	959580	106.00	ng	0.00
7) Phenol-d6	7.31	99	1397505	109.52	ng	0.00
23) Nitrobenzene-d5	9.33	82	966660	69.98	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	797731	116.72	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1904864	69.52	ng	0.00
78) Terphenyl-d14	20.16	244	3128089	60.38	ng	0.00

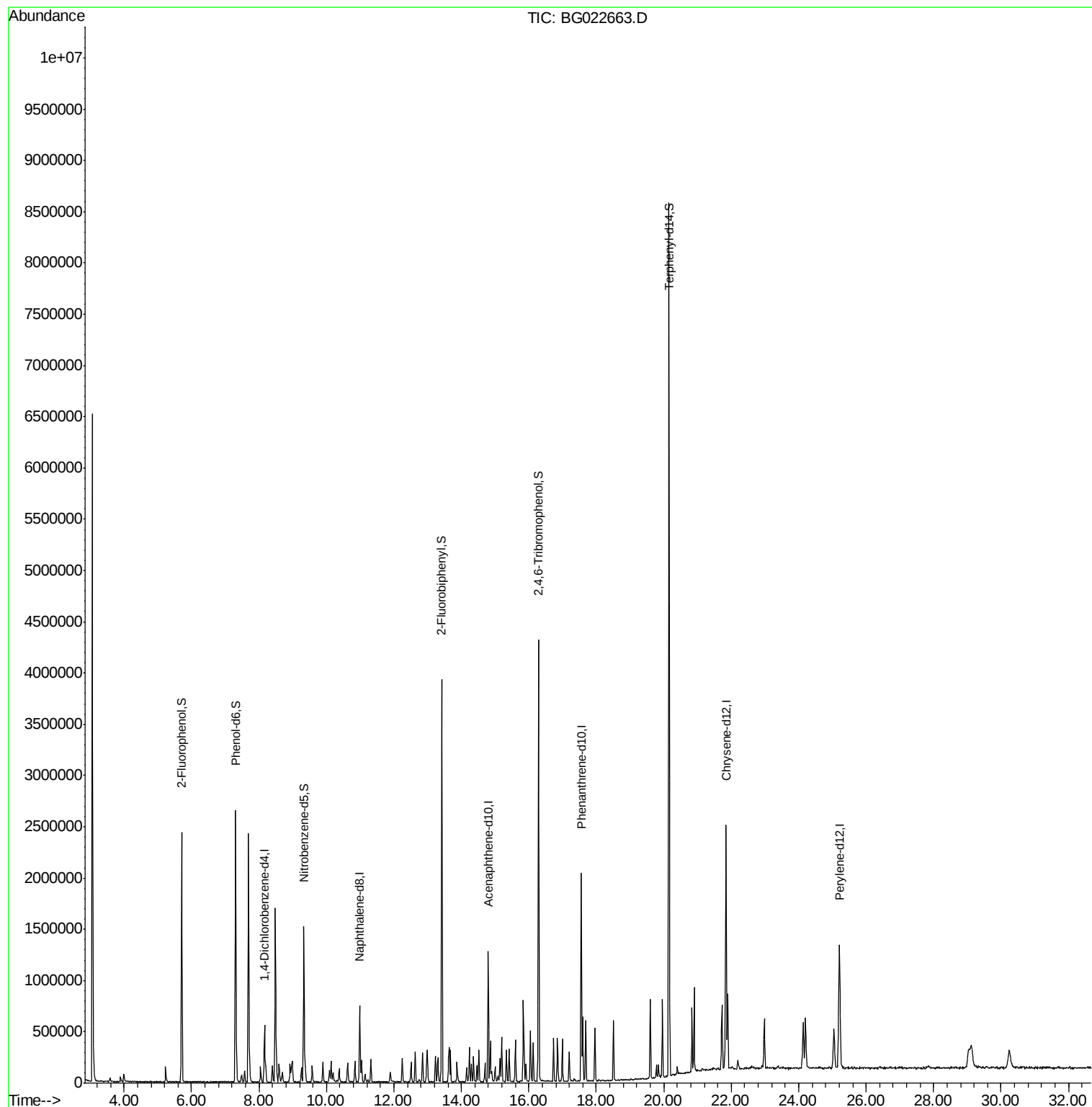
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022663.D

Acq: 28 Jun 2016 4:38

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2016-01

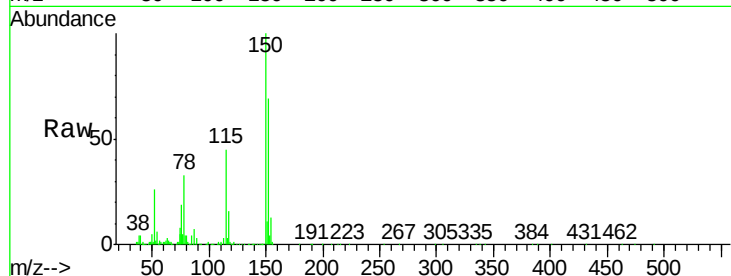
Tot Ion:152 Resp: 145204

Ion Ratio Lower Upper

152 100

150 144.3 144.7 217.1#

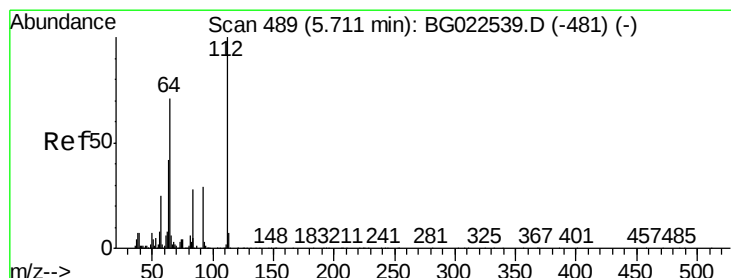
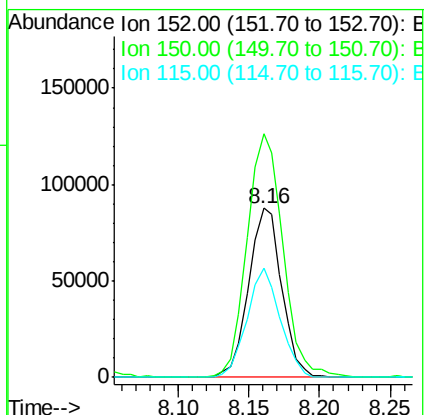
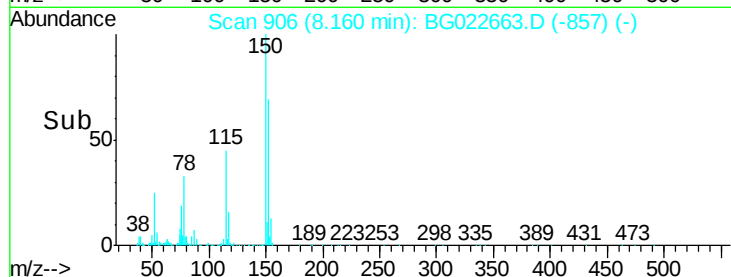
115 64.3 64.0 96.0



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: 106.00 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022663.D

Acq: 28 Jun 2016 4:38

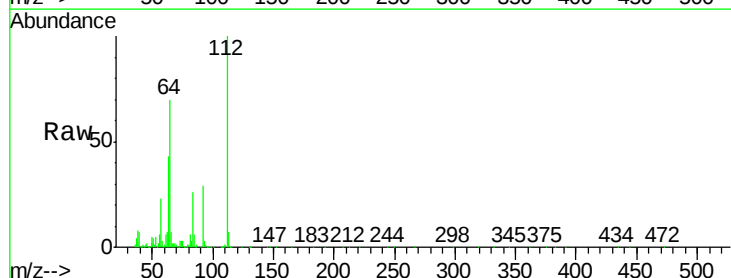
Tgt Ion:112 Resp: 959580

Ion Ratio Lower Upper

112 100

64 69.5 59.0 88.4

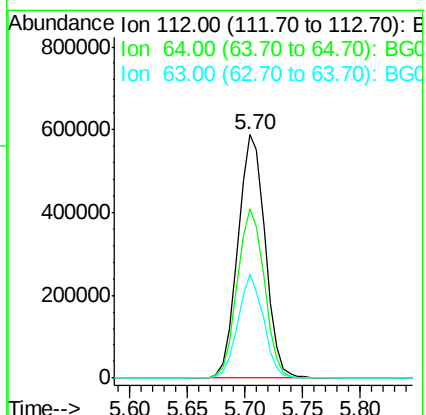
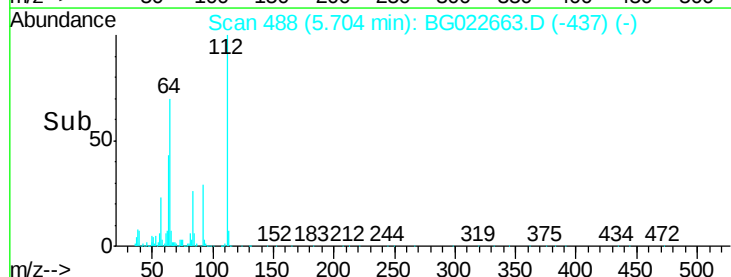
63 42.6 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 109.52 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022663.D

Acq: 28 Jun 2016 4:38

Instrument :

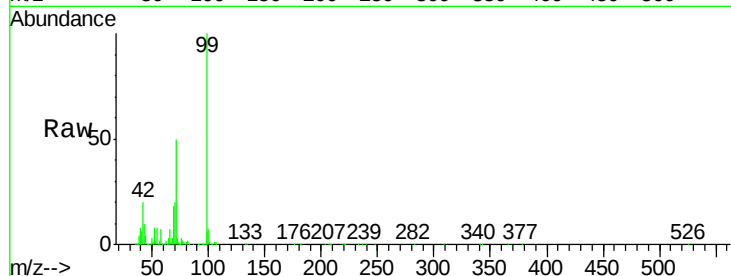
BNA_G

ClientSampleId :

LOD-SOIL2016-01

Tot Ion: 99 Resp: 1397505

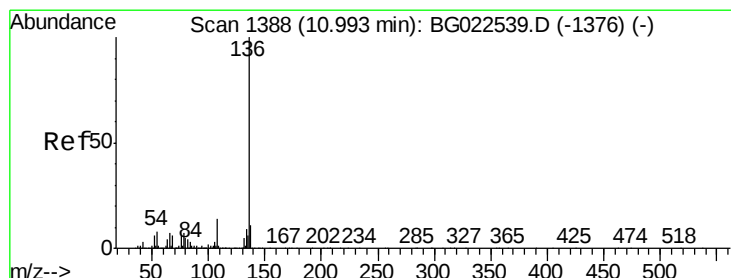
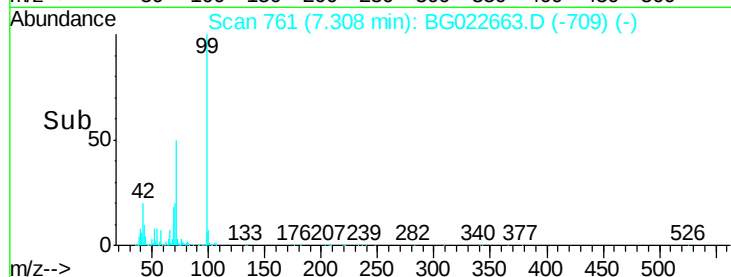
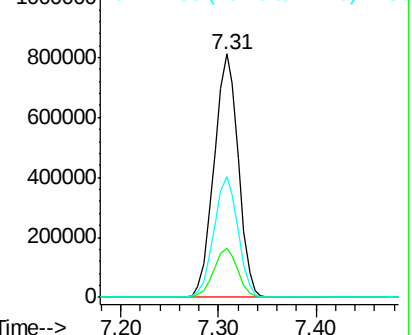
Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.8	26.6
71	49.9	41.5	62.3



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: 10.99 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BG022663.D

Acq: 28 Jun 2016 4:38

Tgt Ion: 136 Resp: 584666

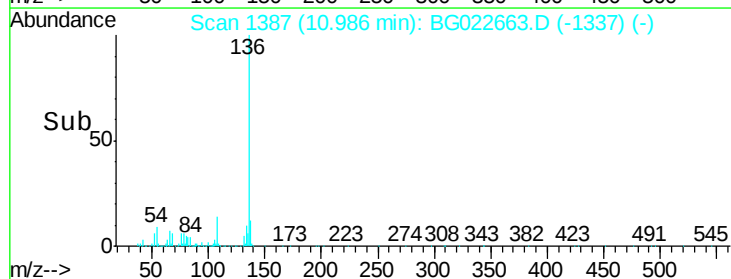
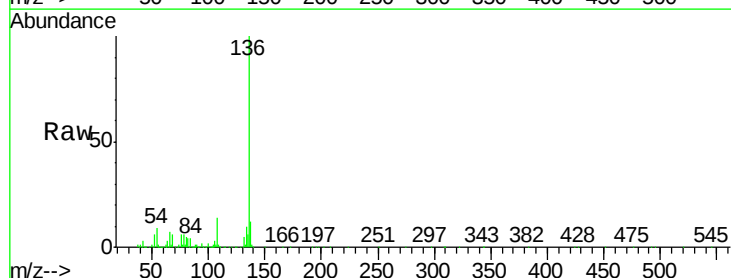
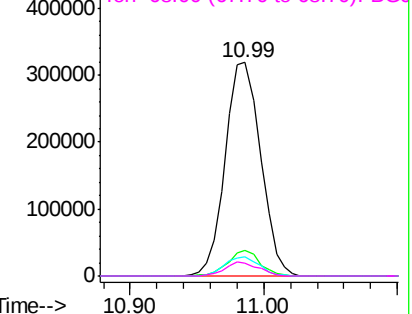
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	9.0	7.3	10.9
68	5.8	5.3	7.9

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

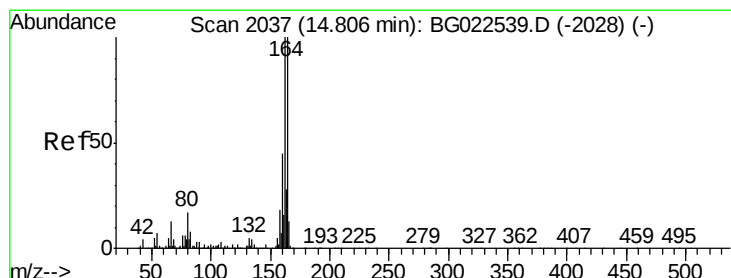
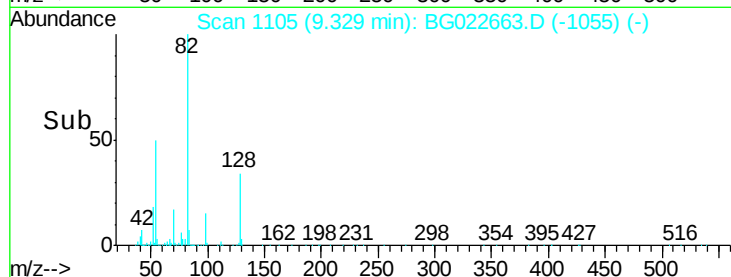
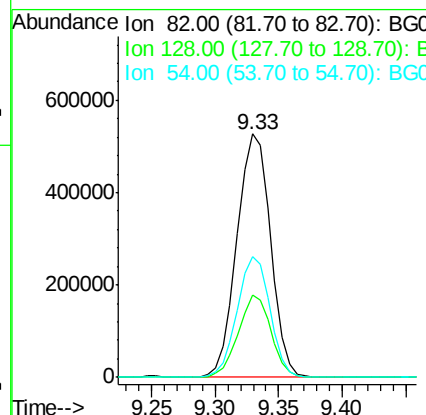
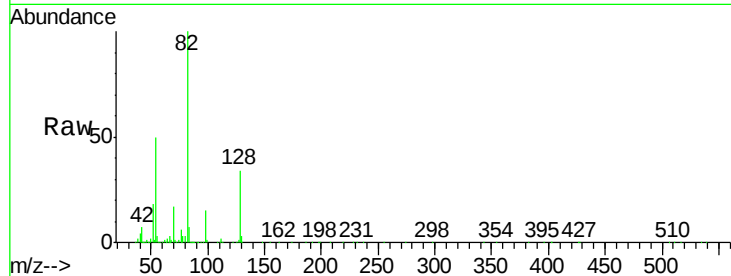




#23
Nitrobenzene-d5
Concen: 69.98 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022663.D
Acq: 28 Jun 2016 4:38

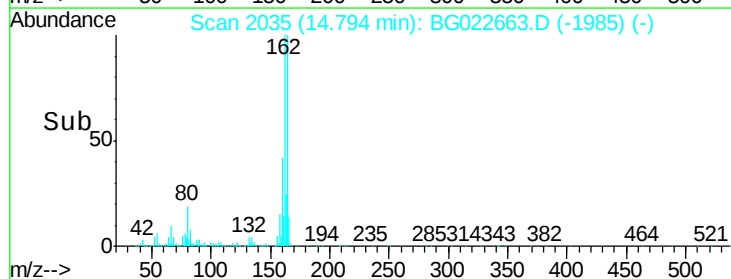
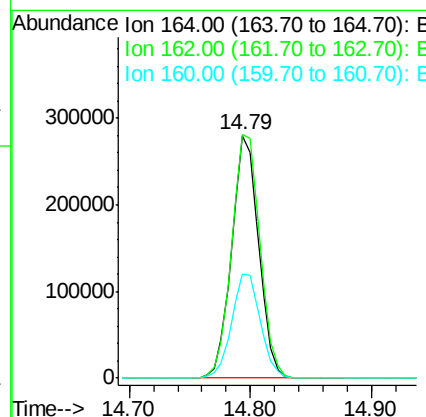
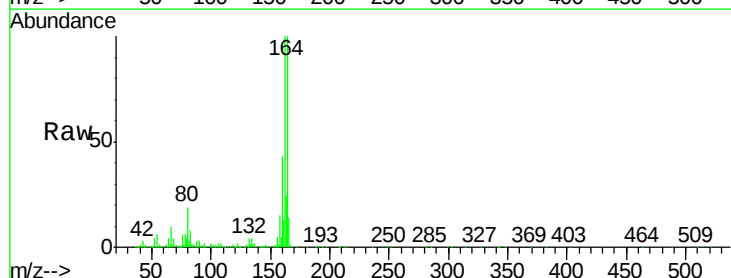
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

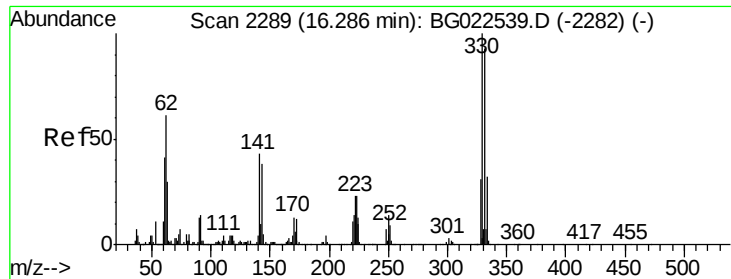
Tot Ion: 82 Resp: 966660
Ion Ratio Lower Upper
82 100
128 33.9 24.4 36.6
54 49.7 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG022663.D
Acq: 28 Jun 2016 4:38

Tgt Ion:164 Resp: 434531
Ion Ratio Lower Upper
164 100
162 100.4 87.7 131.5
160 42.9 37.2 55.8

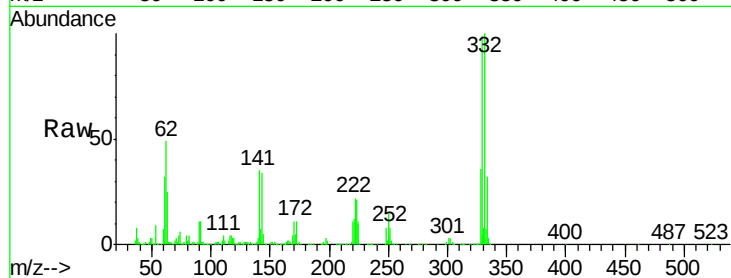




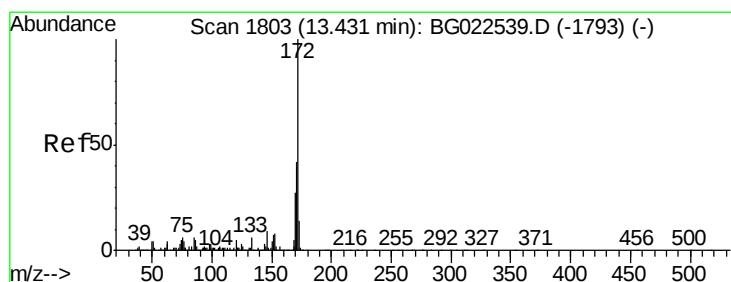
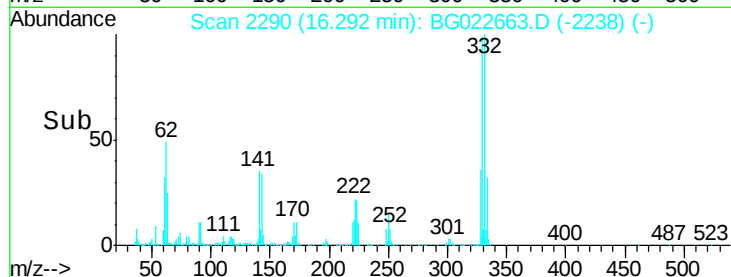
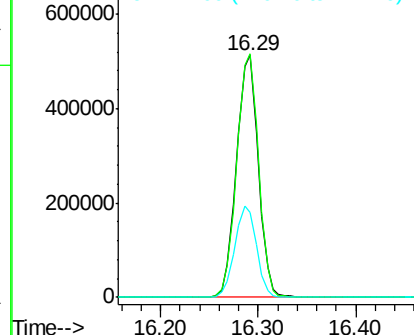
#41
2,4,6-Tribromophenol
Concen: 116.72 ng
RT: 16.29 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BG022663.D
Acq: 28 Jun 2016 4:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion:330 Resp: 797731
Ion Ratio Lower Upper
330 100
332 99.8 77.4 116.2
141 37.5 31.7 47.5

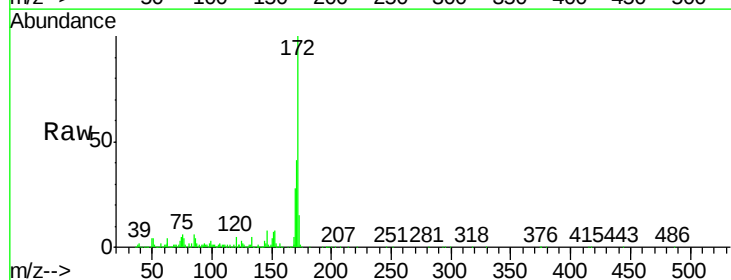


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

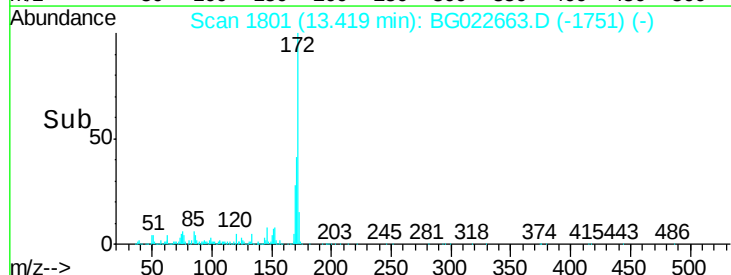
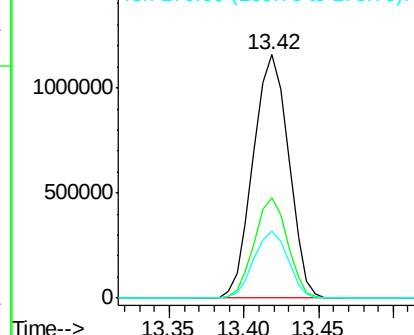


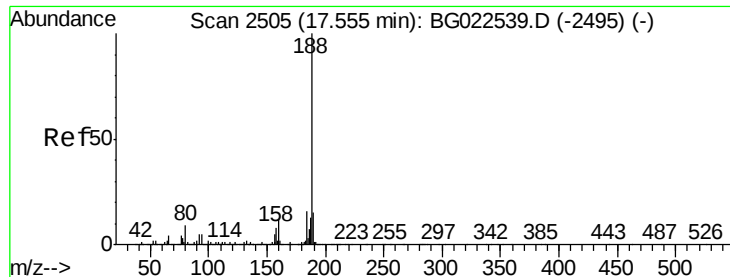
#44
2-Fluorobiphenyl
Concen: 69.52 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022663.D
Acq: 28 Jun 2016 4:38

Tgt Ion:172 Resp: 1904864
Ion Ratio Lower Upper
172 100
171 41.3 31.6 47.4
170 27.6 21.3 31.9



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

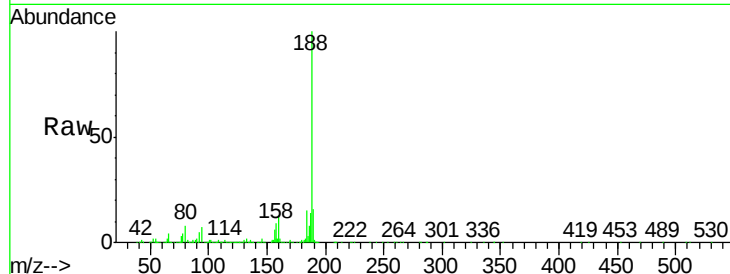




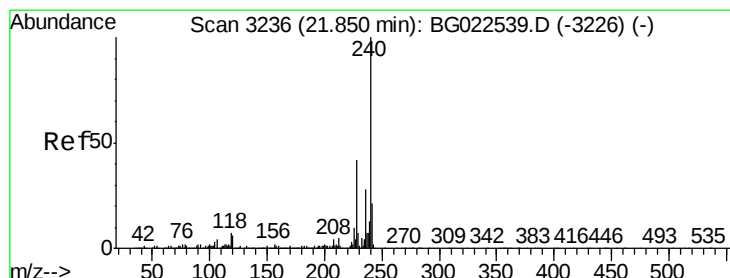
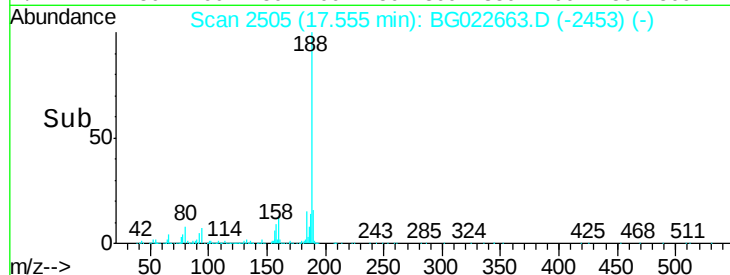
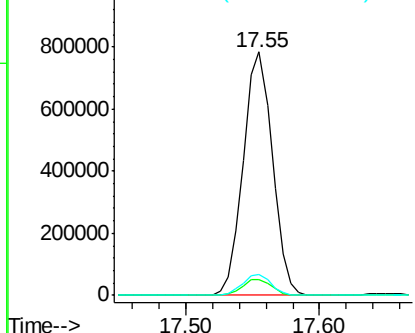
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BG022663.D
Acq: 28 Jun 2016 4:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2016-01

Tot Ion:188 Resp: 1185796
Ion Ratio Lower Upper
188 100
94 6.7 5.2 7.8
80 8.4 7.2 10.8

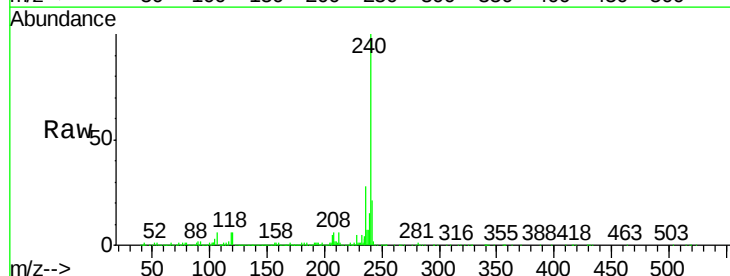


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

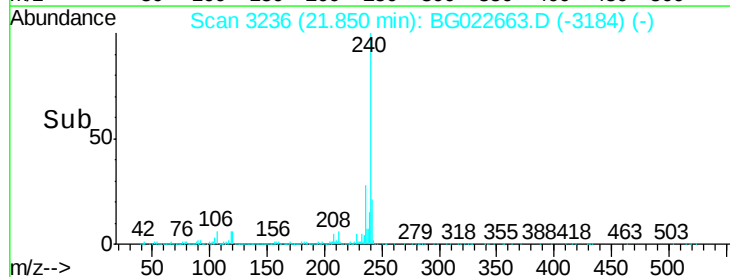
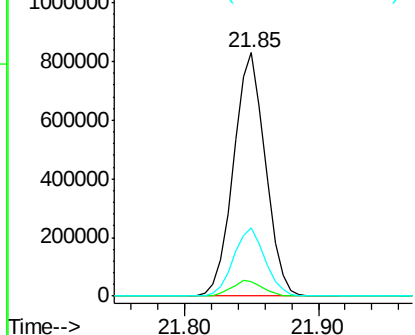


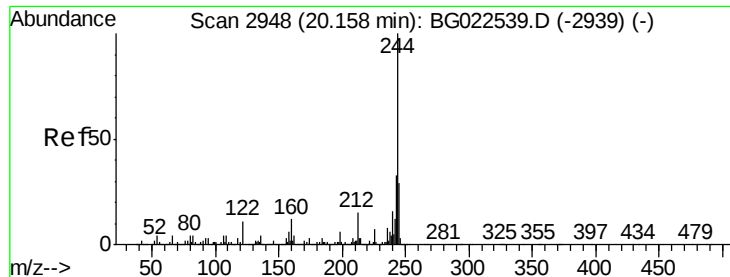
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.00 min
Lab File: BG022663.D
Acq: 28 Jun 2016 4:38

Tgt Ion:240 Resp: 1372502
Ion Ratio Lower Upper
240 100
120 6.0 4.1 6.1
236 27.9 21.1 31.7



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: 60.38 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG022663.D

Acq: 28 Jun 2016 4:38

Instrument :

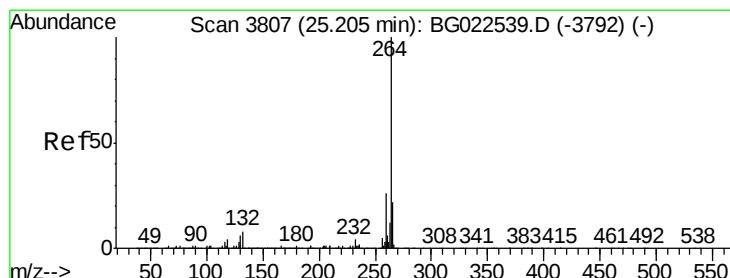
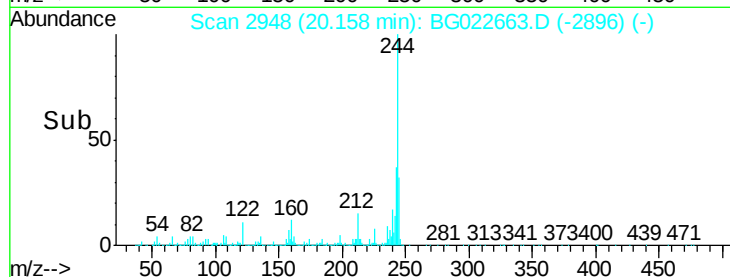
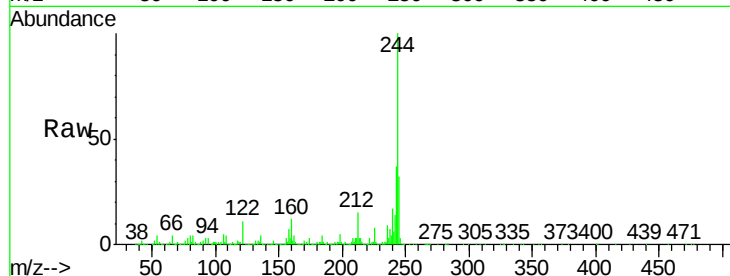
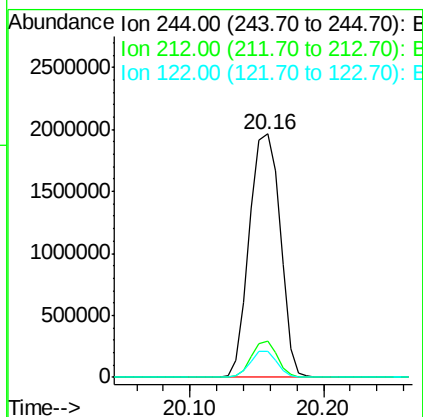
BNA_G

ClientSampleId :

LOD-SOIL2016-01

Tot Ion:244 Resp: 3128089

Ion	Ratio	Lower	Upper
244	100		
212	15.0	10.8	16.2
122	10.6	8.0	12.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3808

Delta R.T. 0.00 min

Lab File: BG022663.D

Acq: 28 Jun 2016 4:38

Tgt Ion:264 Resp: 1461666

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.4	27.6
265	22.9	18.9	28.3

