

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
 Data File : BG019171.D
 Acq On : 12 Oct 2015 23:38
 Operator : UM/NP
 Sample : G3707-03
 Misc : LOD 8PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Oct 13 04:28:54 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 03:45:00 2015
 Response via : Initial Calibration

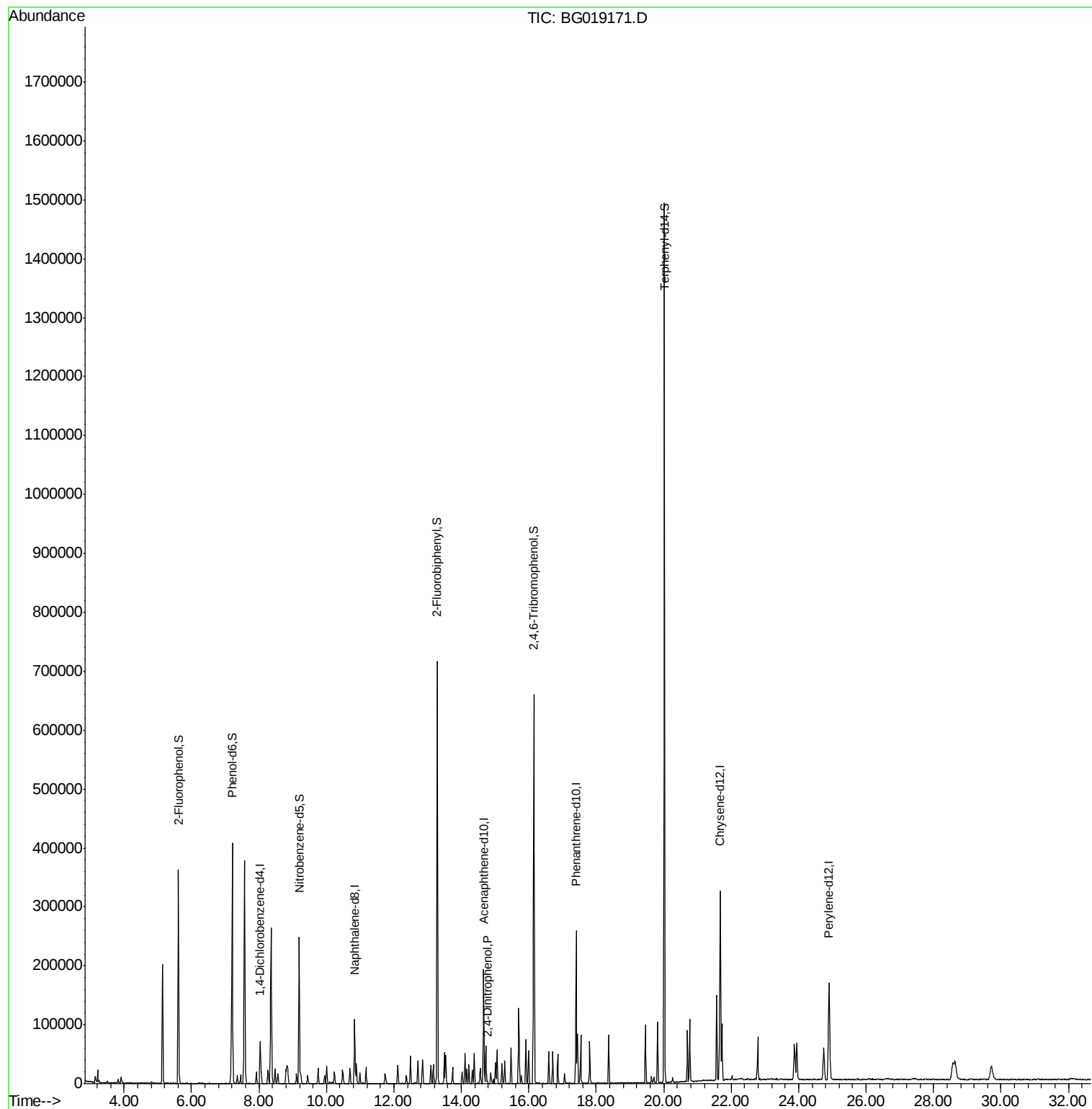
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	19861	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	88459	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	64041	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	158276	20.00	ng	0.00
75) Chrysene-d12	21.68	240	185731	20.00	ng	-0.01
86) Perylene-d12	24.90	264	184167	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	132073	135.40	ng	0.00
7) Phenol-d6	7.20	99	208957	139.44	ng	0.00
23) Nitrobenzene-d5	9.20	82	144523	90.27	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	120489	138.07	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	358121	85.98	ng	0.00
78) Terphenyl-d14	20.02	244	622077	88.47	ng	0.00
Target Compounds						
53) 2,4-Dinitrophenol	14.77	184	1094	3.94	ng	Qvalue 89

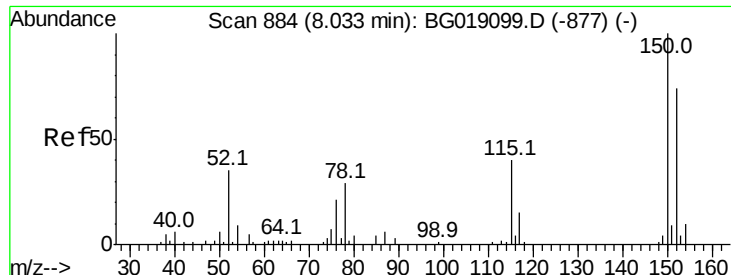
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG019171.D

Acq: 12 Oct 2015 23:38

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

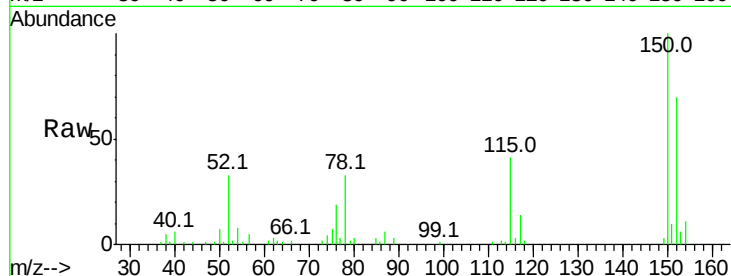
Tot Ion:152 Resp: 19861

Ion Ratio Lower Upper

152 100

150 142.3 108.2 162.2

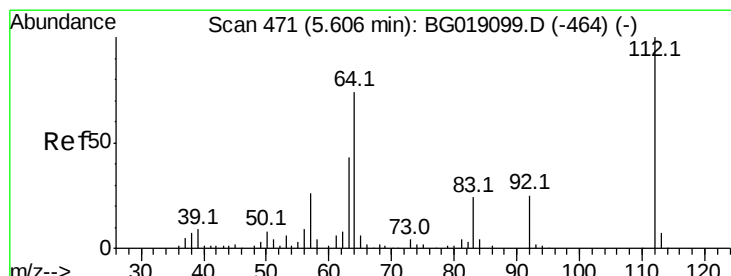
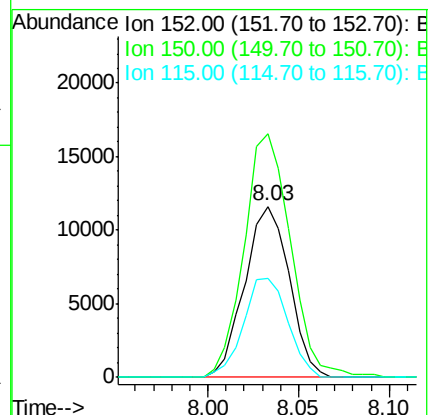
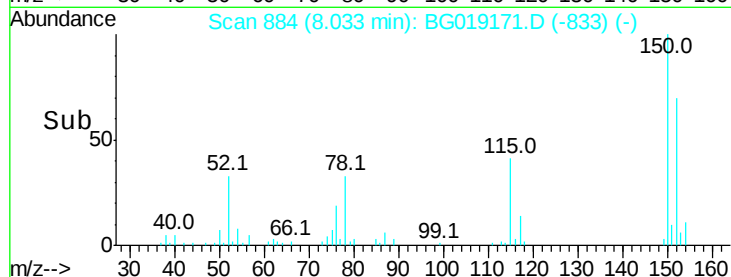
115 58.0 43.2 64.8



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: 135.40 ng

RT: 5.61 min Scan# 472

Delta R.T. 0.01 min

Lab File: BG019171.D

Acq: 12 Oct 2015 23:38

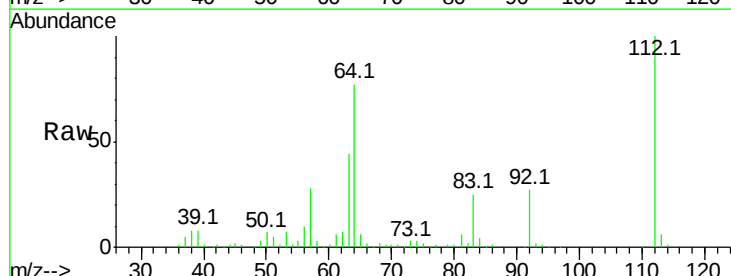
Tgt Ion:112 Resp: 132073

Ion Ratio Lower Upper

112 100

64 77.0 59.0 88.4

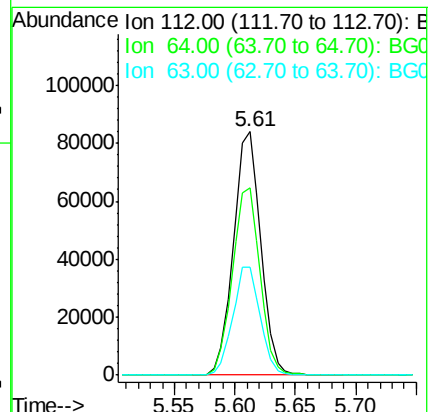
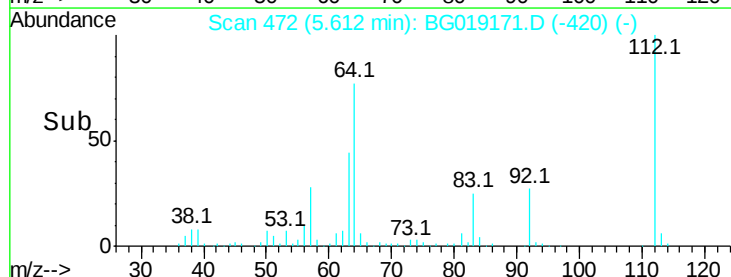
63 44.3 34.7 52.1

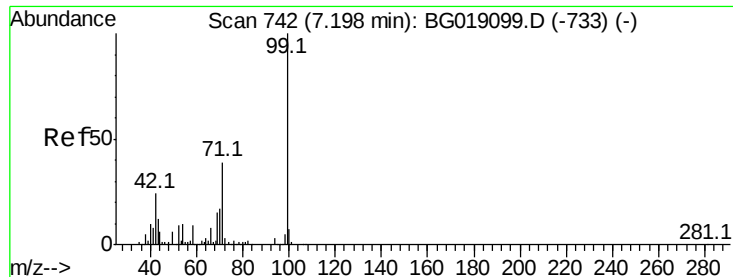


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 139.44 ng

RT: 7.20 min Scan# 743

Delta R.T. 0.00 min

Lab File: BG019171.D

Acq: 12 Oct 2015 23:38

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

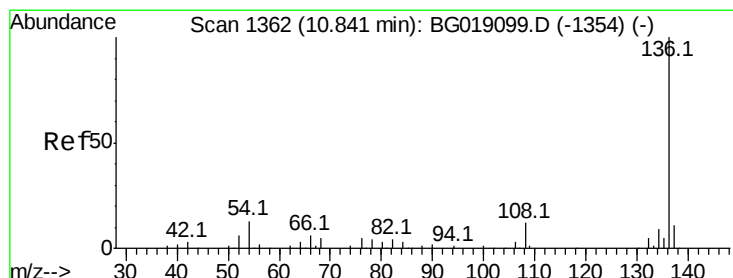
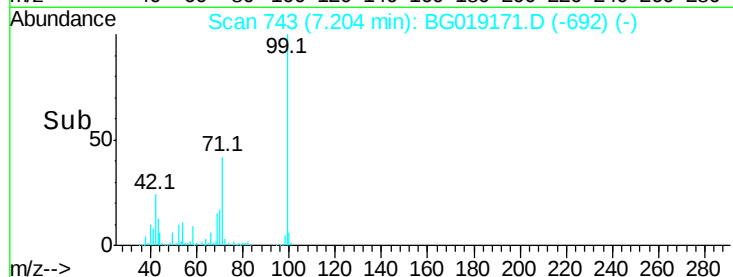
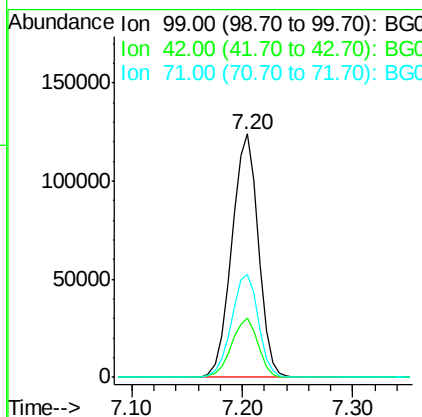
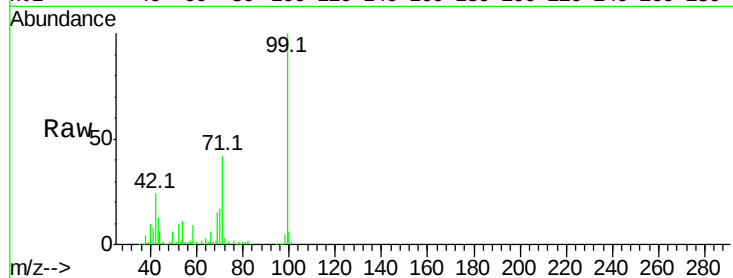
Tot Ion: 99 Resp: 208957

Ion Ratio Lower Upper

99 100

42 24.2 19.5 29.3

71 42.5 31.4 47.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BG019171.D

Acq: 12 Oct 2015 23:38

Tgt Ion: 136 Resp: 88459

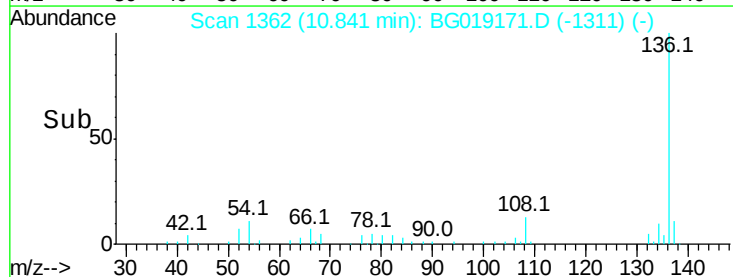
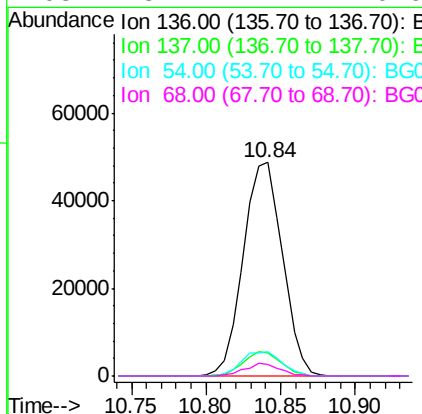
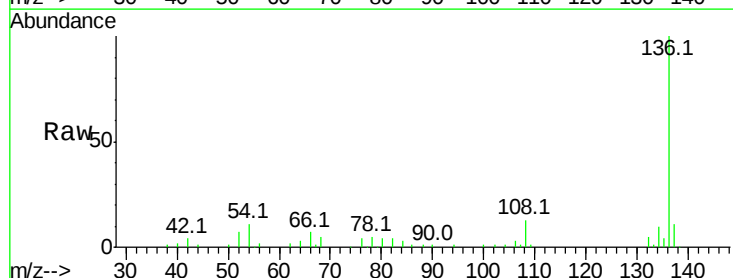
Ion Ratio Lower Upper

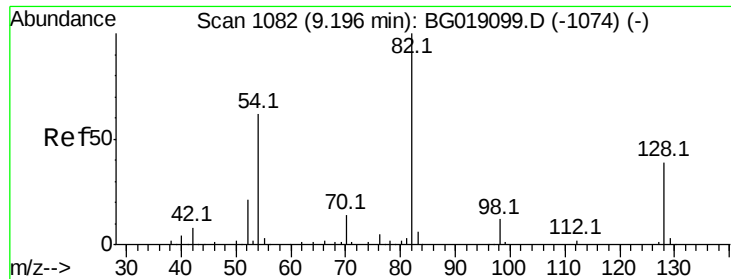
136 100

137 10.6 9.0 13.4

54 11.4 10.1 15.1

68 5.4 4.4 6.6

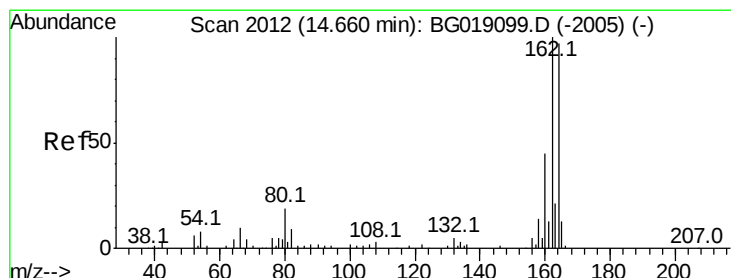
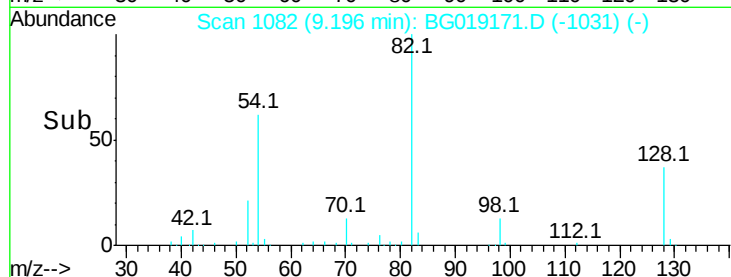
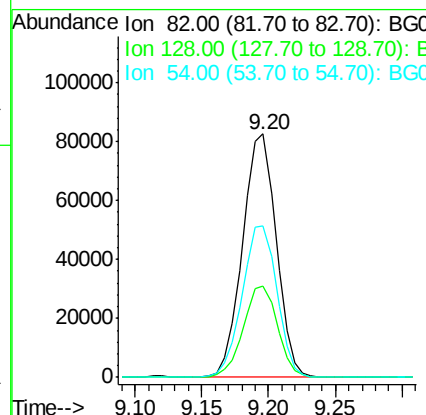
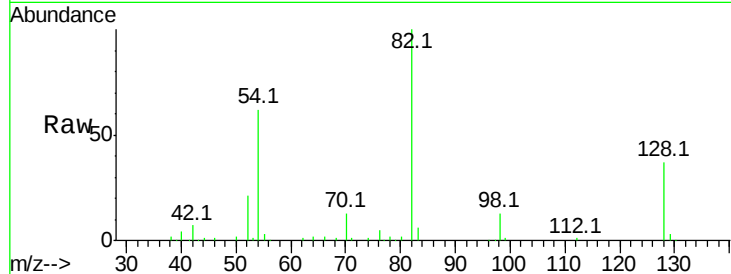




#23
Nitrobenzene-d5
Concen: 90.27 ng
RT: 9.20 min Scan# 1082
Delta R.T. 0.00 min
Lab File: BG019171.D
Acq: 12 Oct 2015 23:38

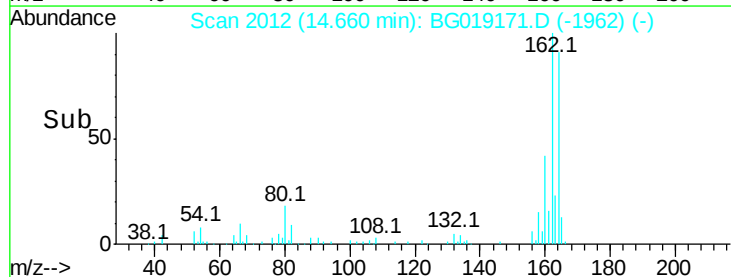
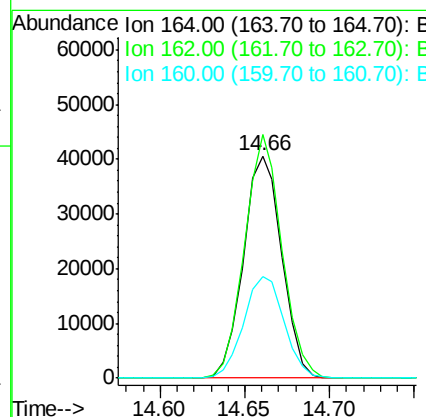
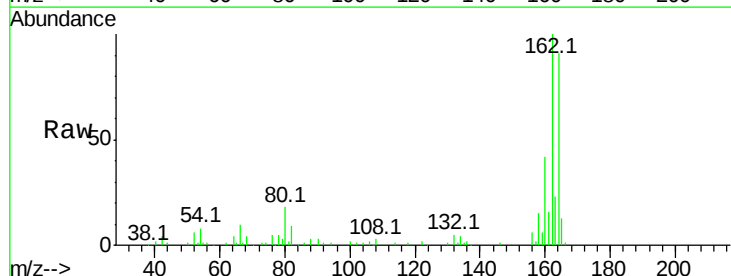
Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

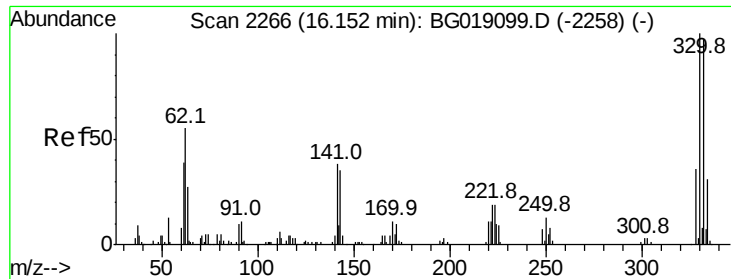
Tot Ion	82	Resp	144523
Ion Ratio	100		
Lower	31.4		
Upper	47.2		
54	62.3	50.0	75.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG019171.D
Acq: 12 Oct 2015 23:38

Tgt Ion	164	Resp	64041
Ion Ratio	100		
Lower	82.6		
Upper	124.0		
162	109.7	36.9	55.3
160	45.9		

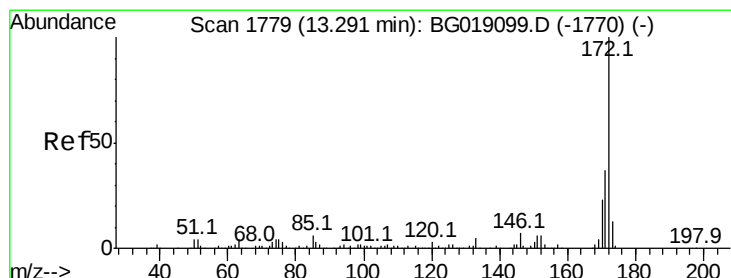
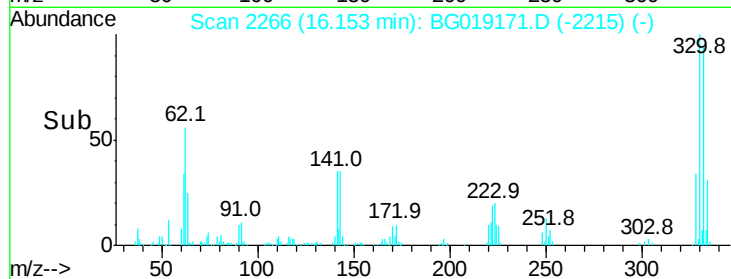
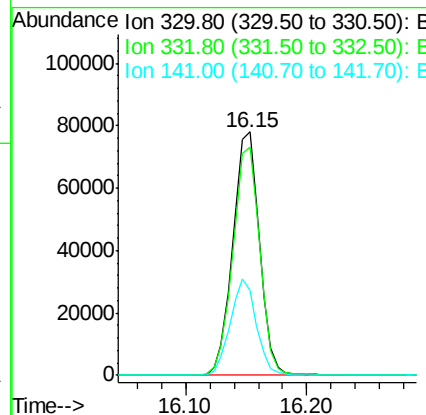
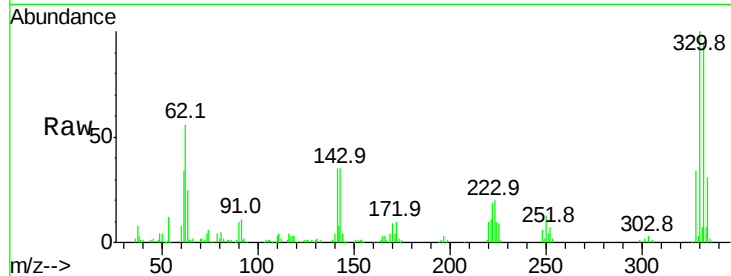




#41
 2,4,6-Tribromophenol
 Concen: 138.07 ng
 RT: 16.15 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: BG019171.D
 Acq: 12 Oct 2015 23:38

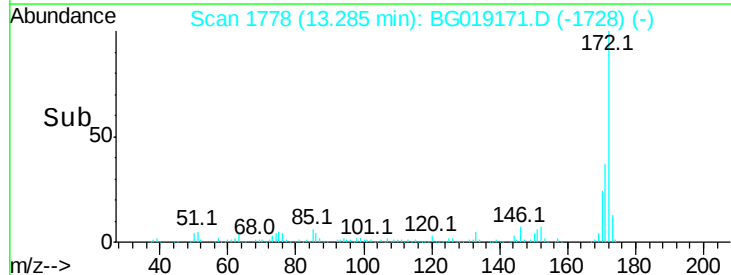
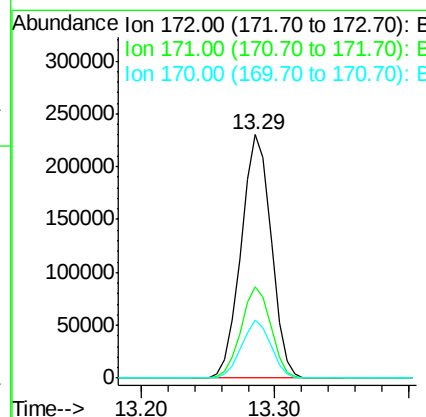
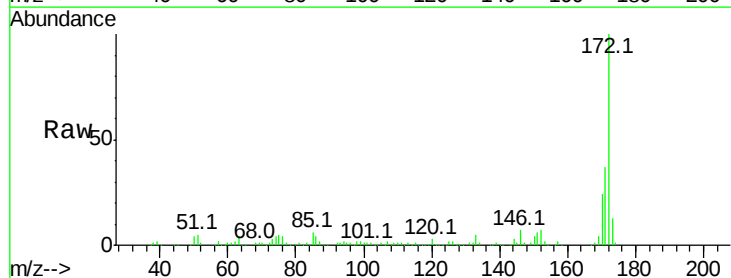
Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

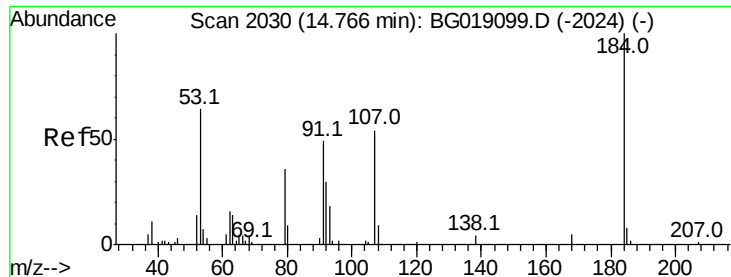
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.3	115.9
141	38.6	30.7	46.1



#44
 2-Fluorobiphenyl
 Concen: 85.98 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG019171.D
 Acq: 12 Oct 2015 23:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.9	44.9
170	23.6	18.6	27.8

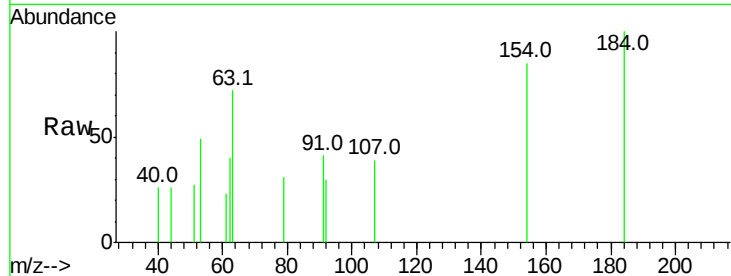




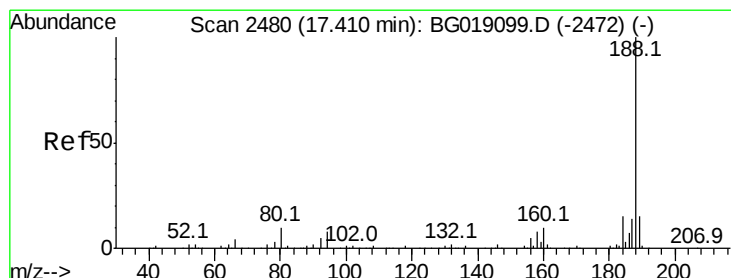
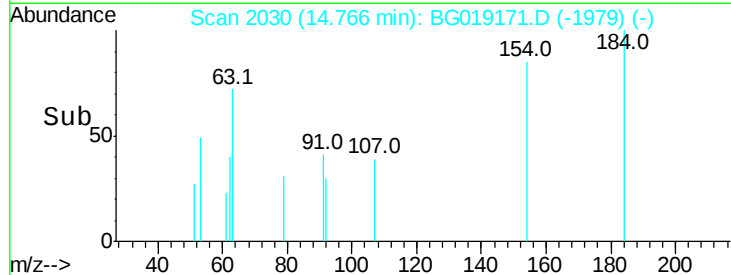
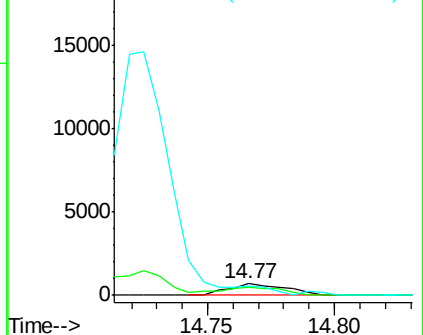
#53
 2,4-Dinitrophenol
 Concen: 3.94 ng
 RT: 14.77 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BG019171.D
 Acq: 12 Oct 2015 23:38

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion:184 Resp: 1094
 Ion Ratio Lower Upper
 184 100
 63 71.5 67.5 101.3
 154 85.1 62.4 93.6

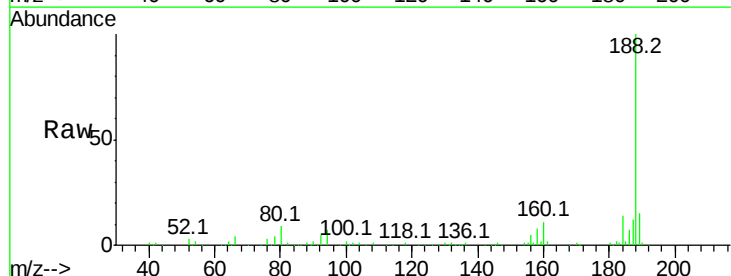


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG019171.D (-2429) (-)
 Ion 154.00 (153.70 to 154.70): BG019171.D (-2429) (-)

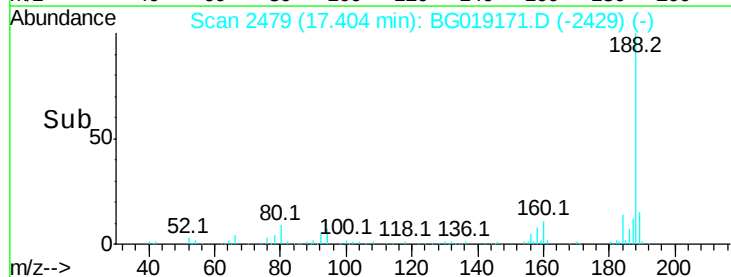
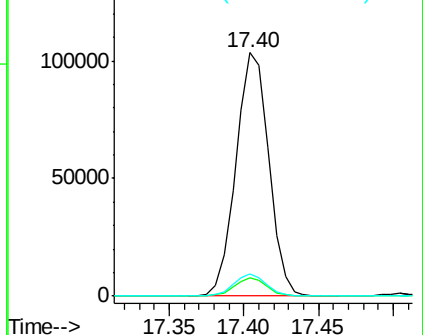


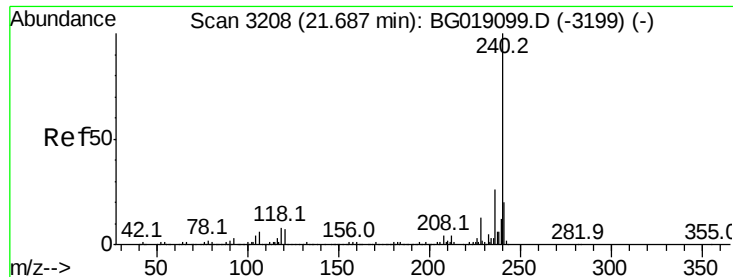
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.40 min Scan# 2479
 Delta R.T. -0.01 min
 Lab File: BG019171.D
 Acq: 12 Oct 2015 23:38

Tgt Ion:188 Resp: 158276
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.4 9.6
 80 9.0 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG019171.D (-2429) (-)
 Ion 80.00 (79.70 to 80.70): BG019171.D (-2429) (-)





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.68 min Scan# 3206

Delta R.T. -0.01 min

Lab File: BG019171.D

Acq: 12 Oct 2015 23:38

Instrument :

BNA_G

ClientSampleId :

LOD-SOIL2015-01

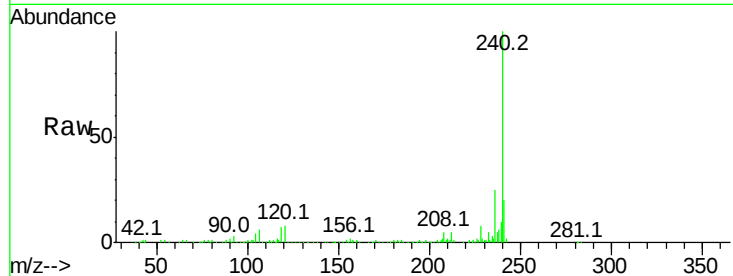
Tot Ion:240 Resp: 185731

Ion Ratio Lower Upper

240 100

120 7.6 5.8 8.6

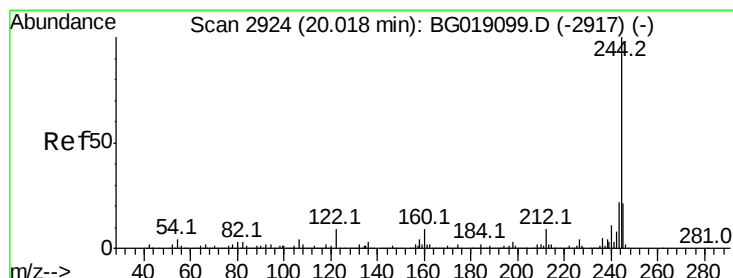
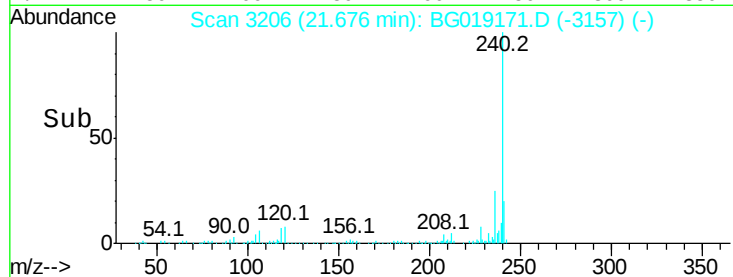
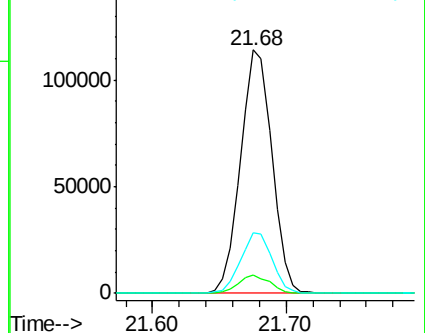
236 24.7 21.2 31.8



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: 88.47 ng

RT: 20.02 min Scan# 2924

Delta R.T. -0.01 min

Lab File: BG019171.D

Acq: 12 Oct 2015 23:38

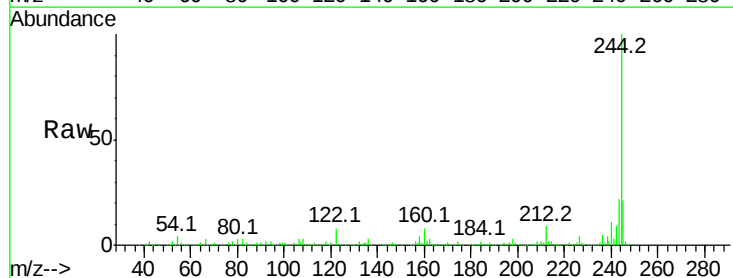
Tgt Ion:244 Resp: 622077

Ion Ratio Lower Upper

244 100

212 8.5 6.8 10.2

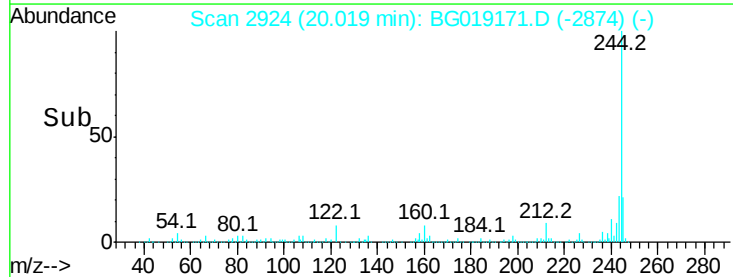
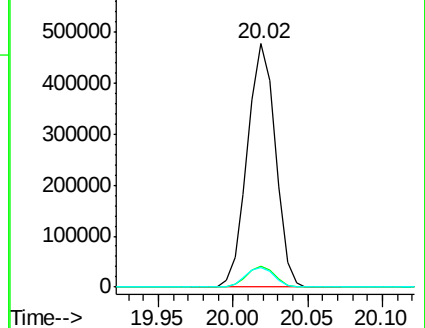
122 8.3 7.4 11.2

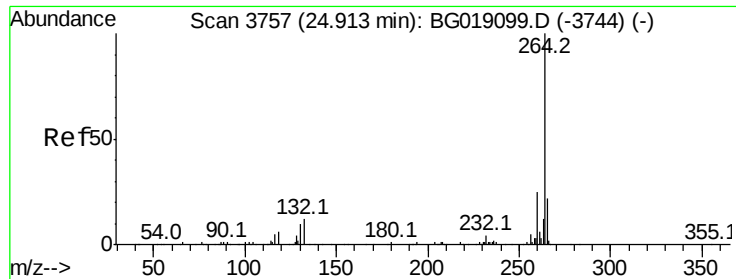


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.90 min Scan# 3755
Delta R.T. -0.01 min
Lab File: BG019171.D
Acq: 12 Oct 2015 23:38

Instrument :
BNA_G
ClientSampleId :
LOD-SOIL2015-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	20.1	30.1
265	21.5	17.2	25.8

