

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100918\
 Data File : BG037231.D
 Acq On : 10 Oct 2018 00:02
 Operator : JU/SJ
 Sample : J5325-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DEBRI

Quant Time: Oct 10 07:06:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 10 06:57:02 2018
 Response via : Initial Calibration

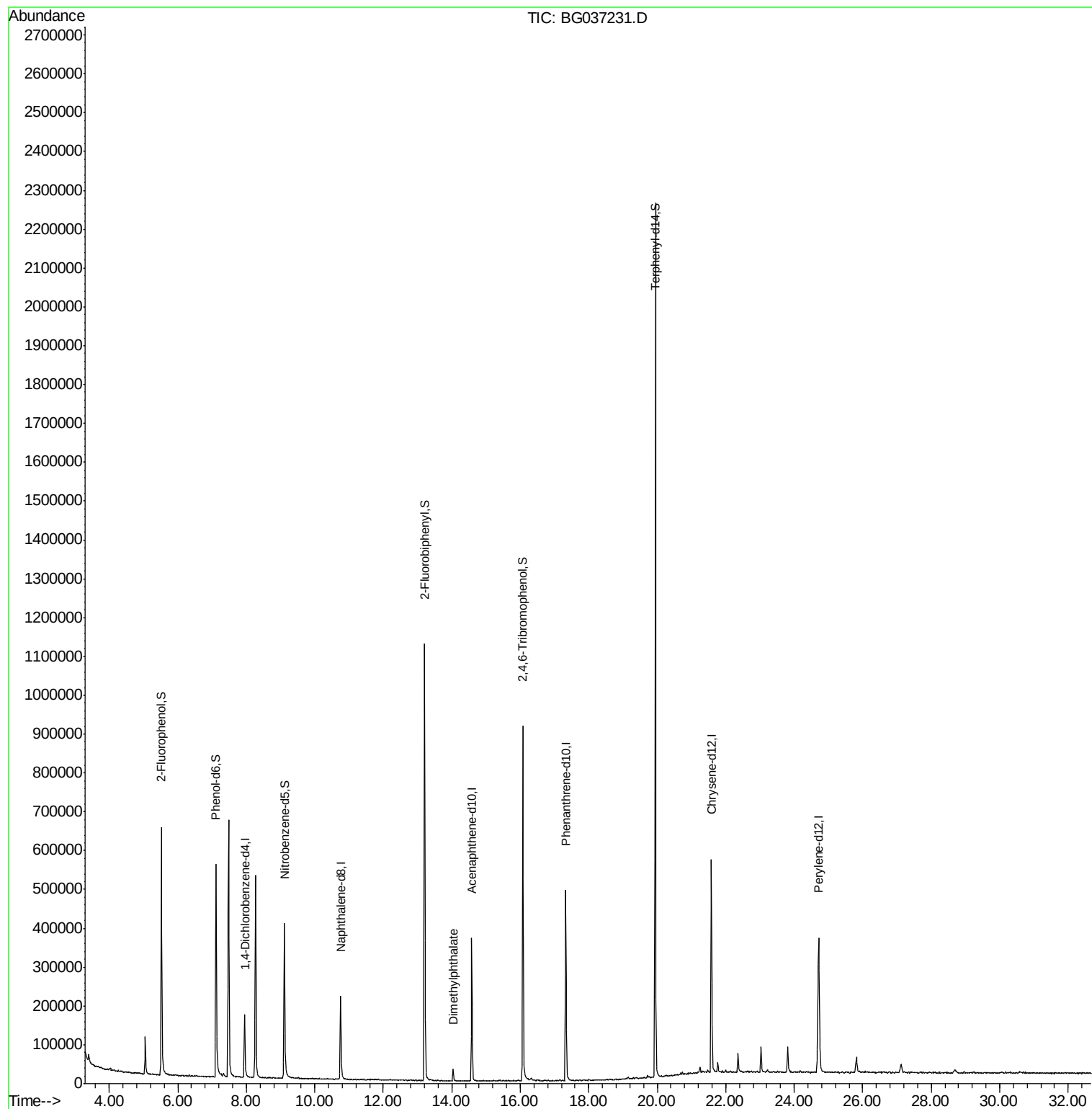
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	53849	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	205821	20.00	ng	0.00
38) Acenaphthene-d10	14.59	164	134216	20.00	ng	0.00
63) Phenanthrene-d10	17.33	188	331155	20.00	ng	0.00
75) Chrysene-d12	21.58	240	354936	20.00	ng	0.00
86) Perylene-d12	24.72	264	354491	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	284903	101.47	ng	0.00
7) Phenol-d6	7.12	99	358091	82.43	ng	0.00
23) Nitrobenzene-d5	9.11	82	280361	72.95	ng	0.00
41) 2,4,6-Tribromophenol	16.07	330	178196	110.97	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	619809	68.78	ng	0.00
78) Terphenyl-d14	19.95	244	1100213	81.51	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.04	163	24076	2.229	ng	Qvalue # 95

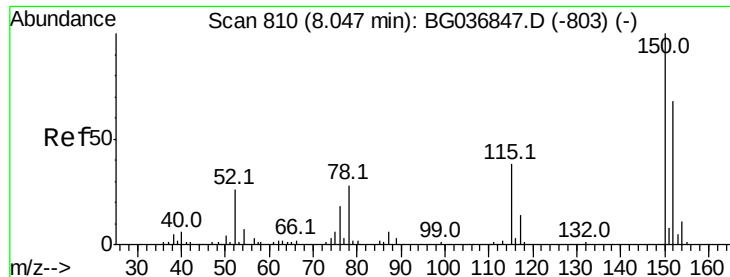
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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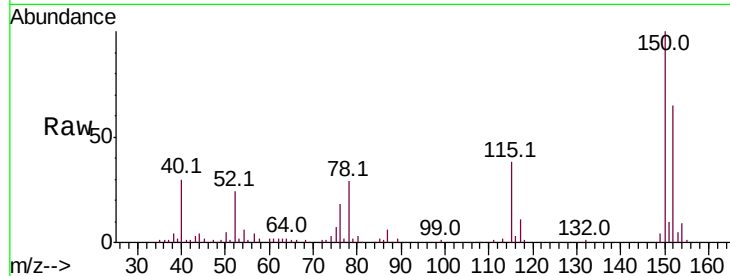


#1

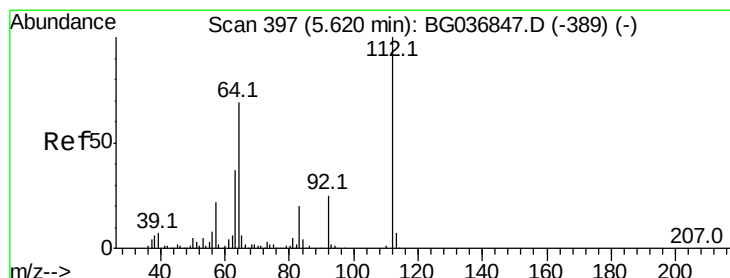
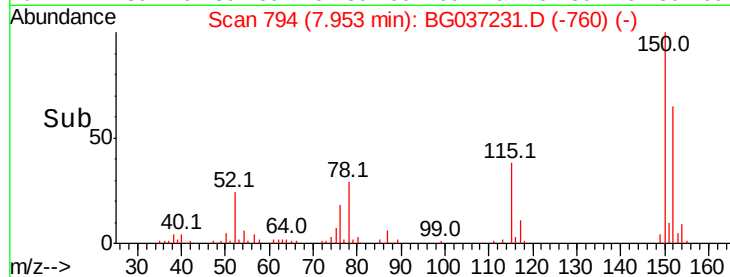
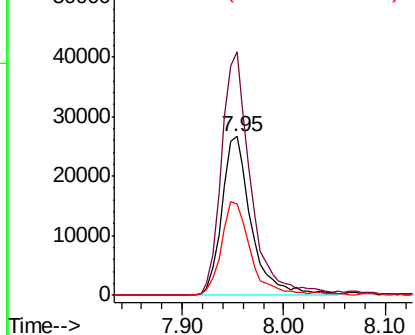
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG037231.D
Acq: 10 Oct 2018 00:02

Instrument :
BNA_G
ClientSampleId :
SOIL-DEBRI

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	119.5	179.3
115	57.7	44.5	66.7



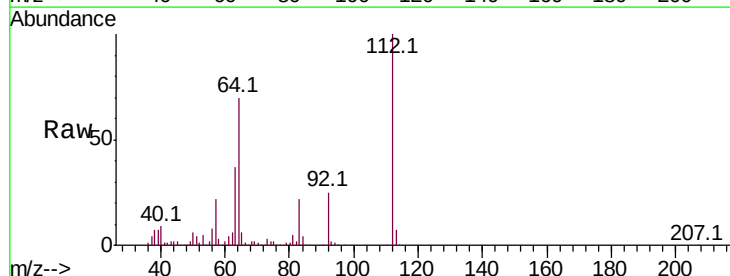
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



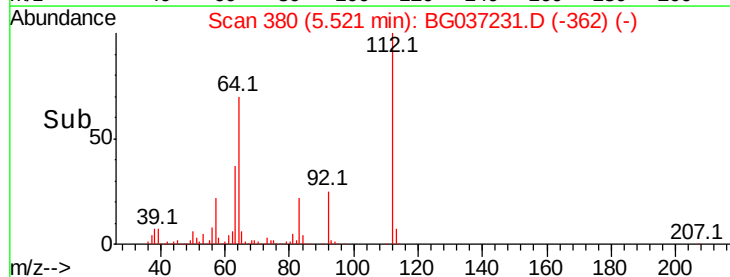
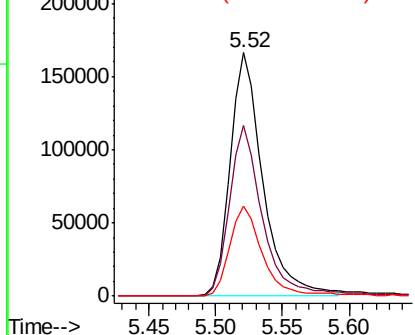
#5

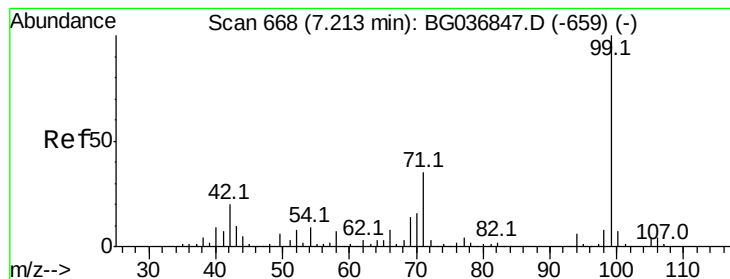
2-Fluorophenol
Concen: 101.466 ng
RT: 5.52 min Scan# 380
Delta R.T. 0.01 min
Lab File: BG037231.D
Acq: 10 Oct 2018 00:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.2	57.2	85.8
63	36.9	30.8	46.2



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: 82.428 ng

RT: 7.12 min Scan# 652

Delta R.T. 0.01 min

Lab File: BG037231.D

Acq: 10 Oct 2018 00:02

Instrument :

BNA_G

ClientSampleId :

SOIL-DEBRI

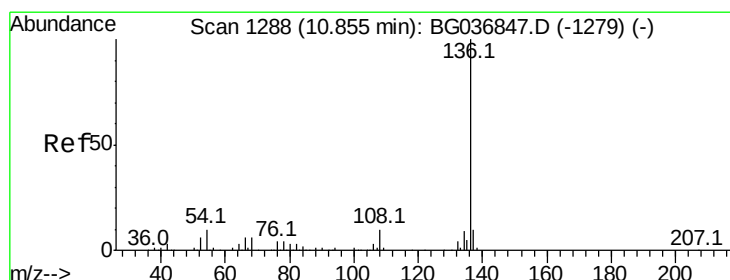
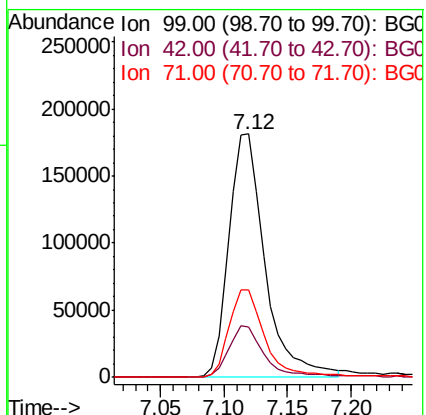
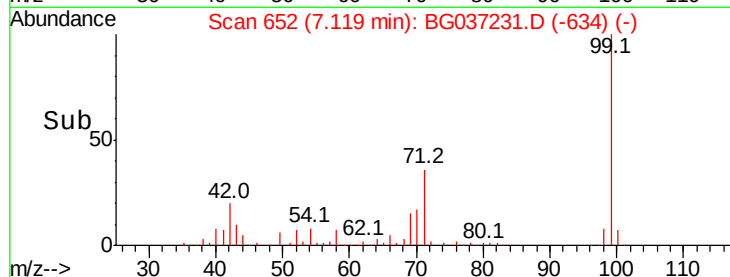
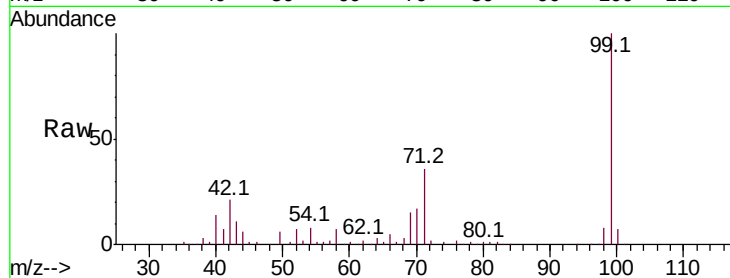
Tot Ion: 99 Resp: 358091

Ion Ratio Lower Upper

99 100

42 20.6 16.5 24.7

71 36.1 29.4 44.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BG037231.D

Acq: 10 Oct 2018 00:02

Tgt Ion: 136 Resp: 205821

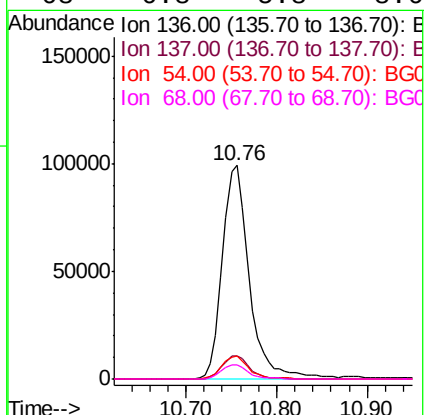
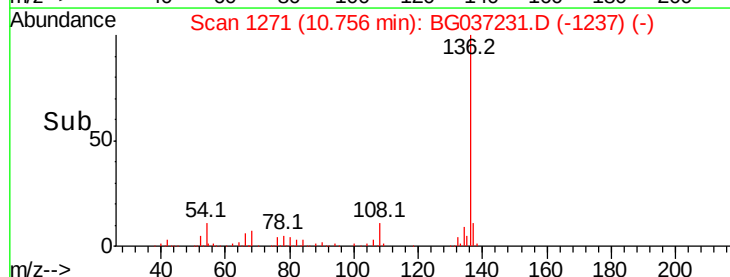
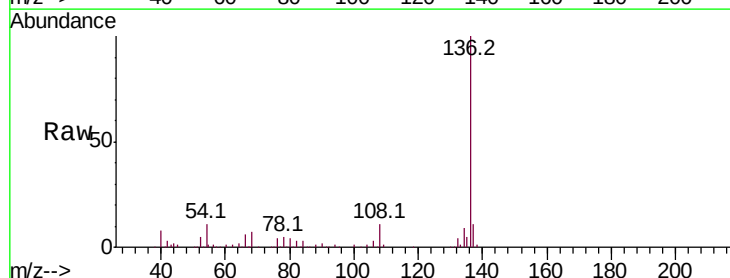
Ion Ratio Lower Upper

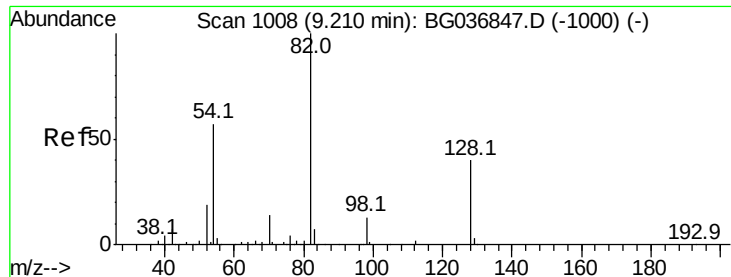
136 100

137 11.1 8.8 13.2

54 11.0 9.2 13.8

68 6.8 5.8 8.6

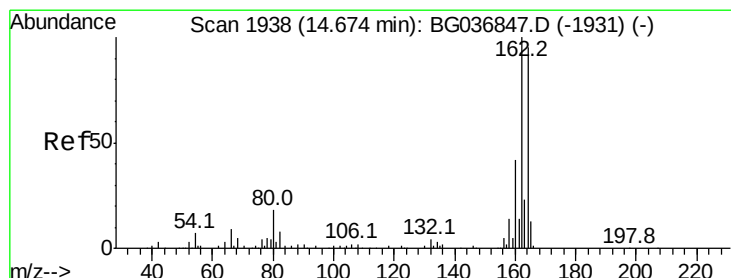
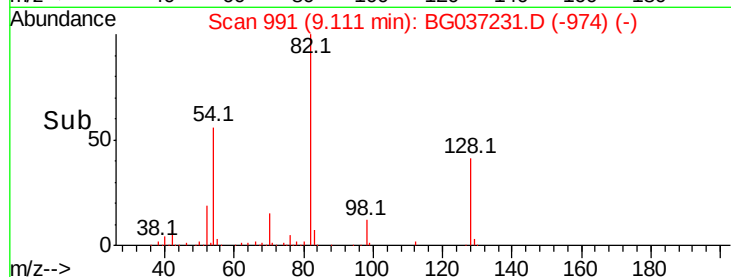
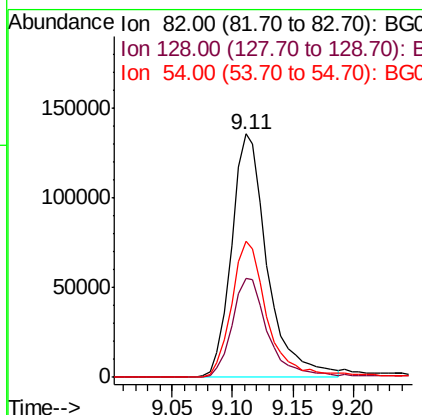
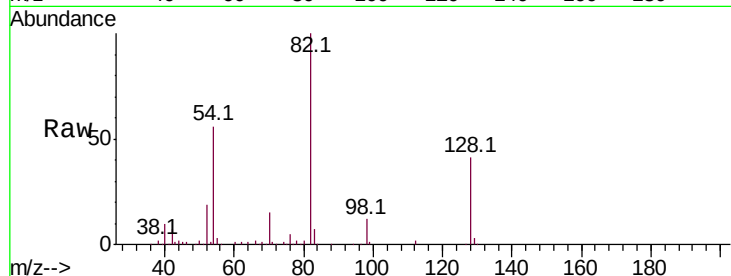




#23
 Nitrobenzene-d5
 Concen: 72.945 ng
 RT: 9.11 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BG037231.D
 Acq: 10 Oct 2018 00:02

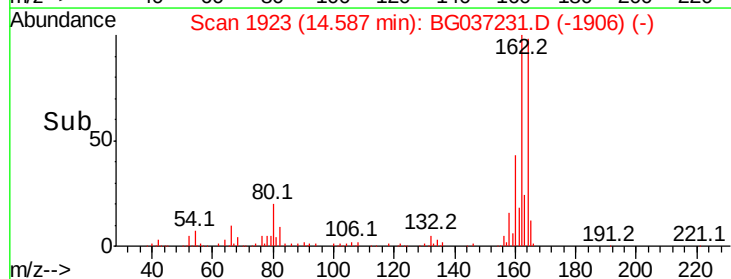
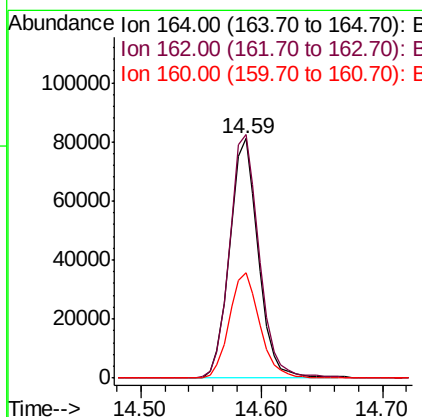
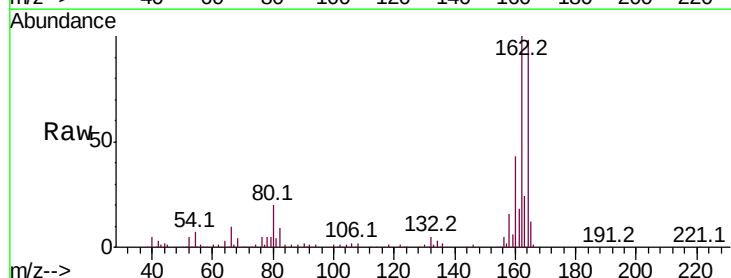
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DEBRI

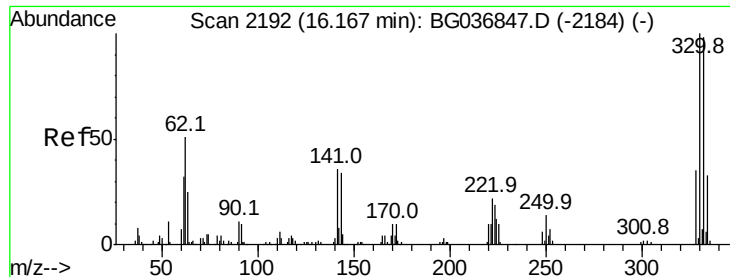
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.3	49.9
54	56.0	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BG037231.D
 Acq: 10 Oct 2018 00:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.7	121.1
160	43.9	35.3	52.9

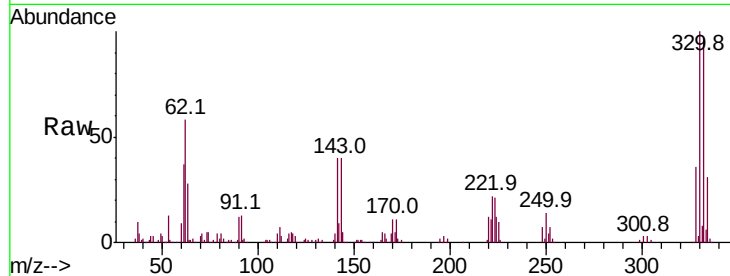




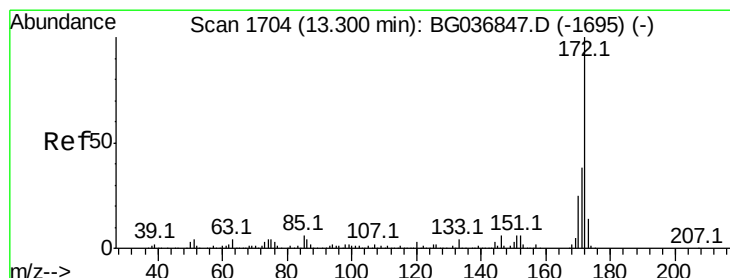
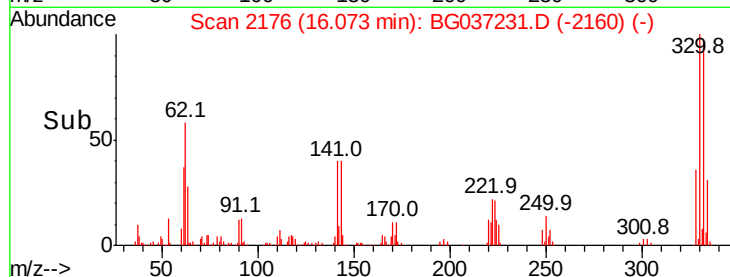
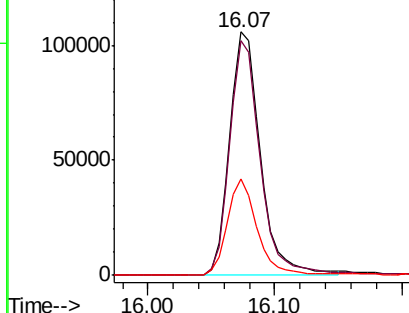
#41
 2,4,6-Tribromophenol
 Concen: 110.969 ng
 RT: 16.07 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG037231.D
 Acq: 10 Oct 2018 00:02

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DEBRI

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.2
141	38.6	30.7	46.1

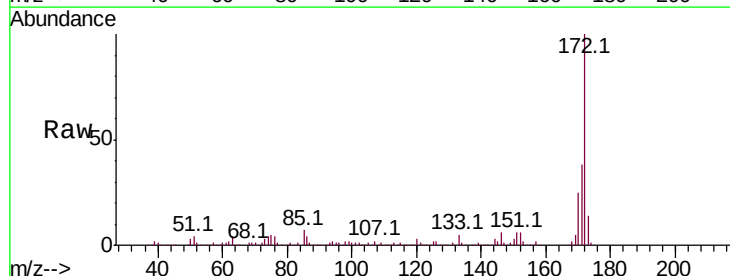


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

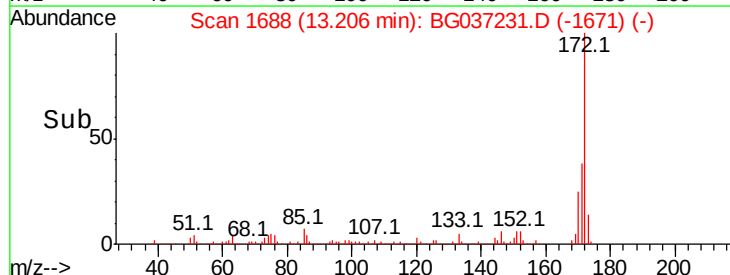
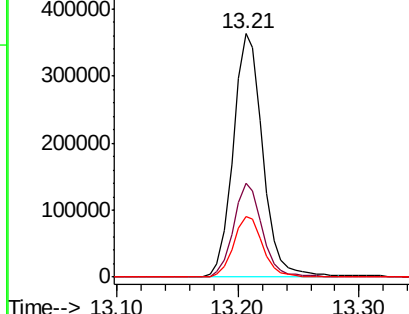


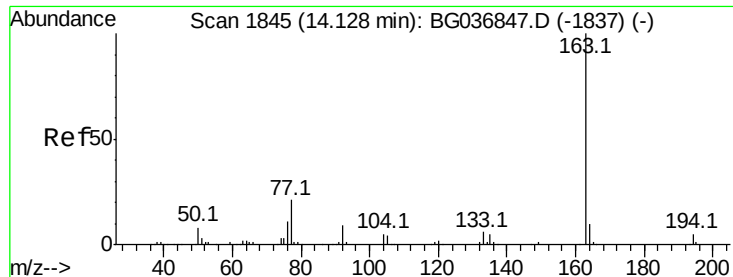
#44
 2-Fluorobiphenyl
 Concen: 68.780 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BG037231.D
 Acq: 10 Oct 2018 00:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.3	46.9
170	24.9	21.0	31.6



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





#49

Dimethylphthalate

Concen: 2.229 ng

RT: 14.04 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BG037231.D

Acq: 10 Oct 2018 00:02

Instrument :

BNA_G

ClientSampleId :

SOIL-DEBRI

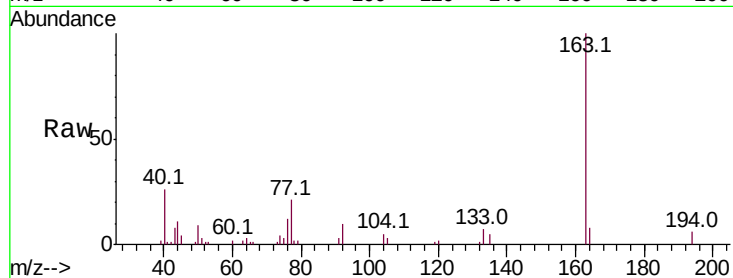
Tot Ion:163 Resp: 24076

Ion Ratio Lower Upper

163 100

194 6.1 4.0 6.0#

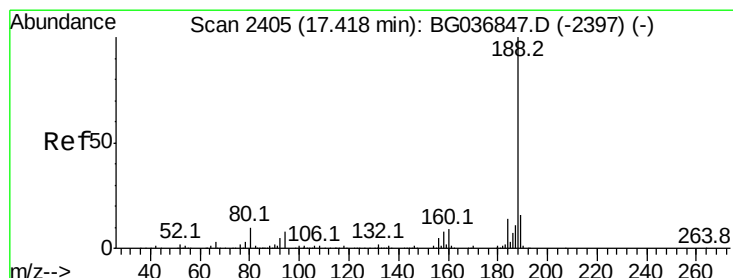
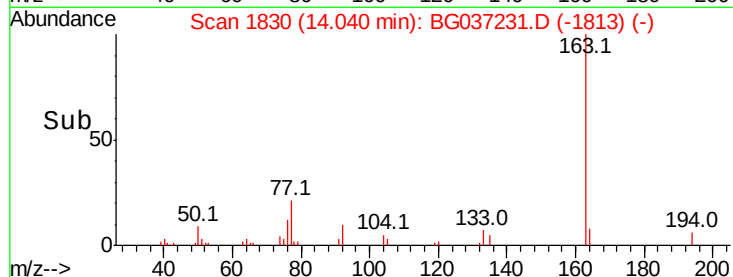
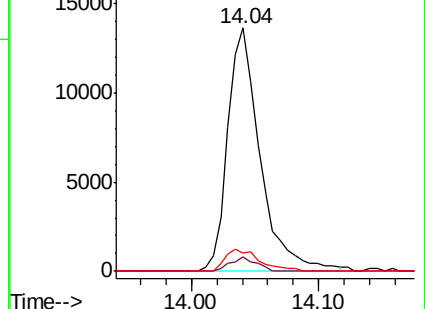
164 7.8 8.1 12.1#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.33 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BG037231.D

Acq: 10 Oct 2018 00:02

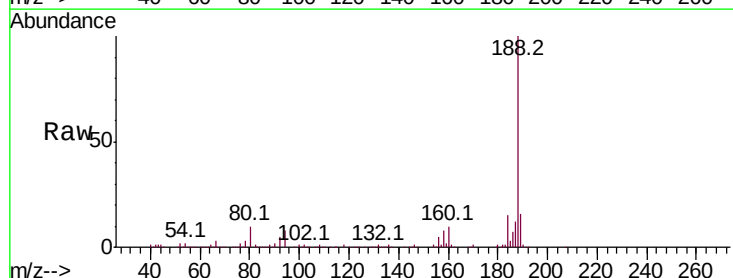
Tgt Ion:188 Resp: 331155

Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

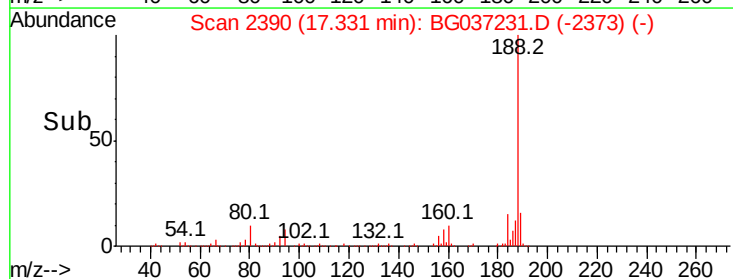
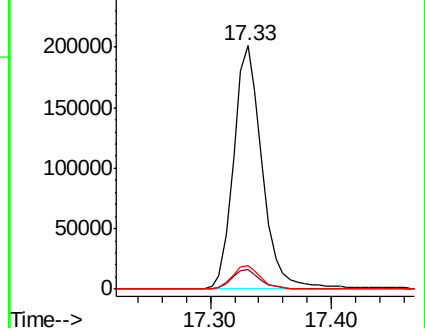
80 9.6 8.1 12.1

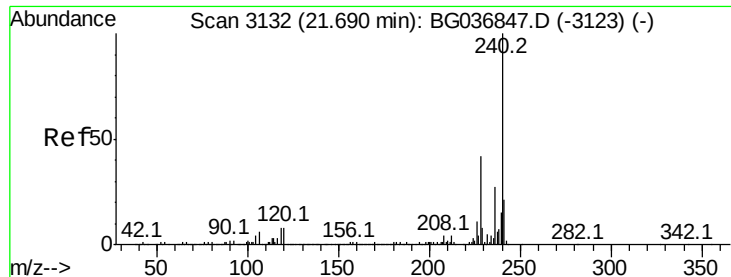


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BG037231.D

Acq: 10 Oct 2018 00:02

Instrument :

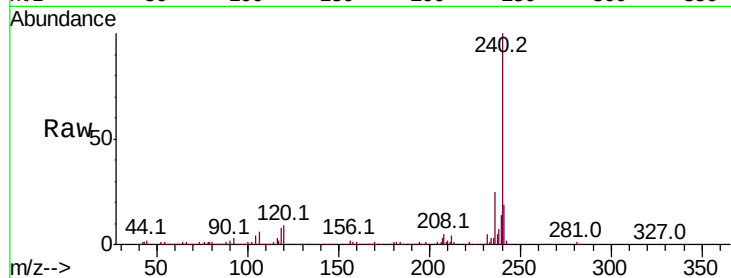
BNA_G

ClientSampleId :

SOIL-DEBRI

Tot Ion:240 Resp: 354936

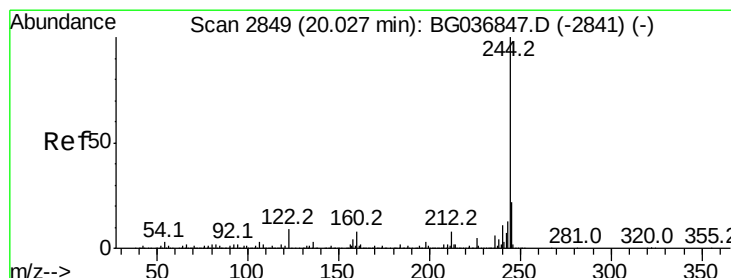
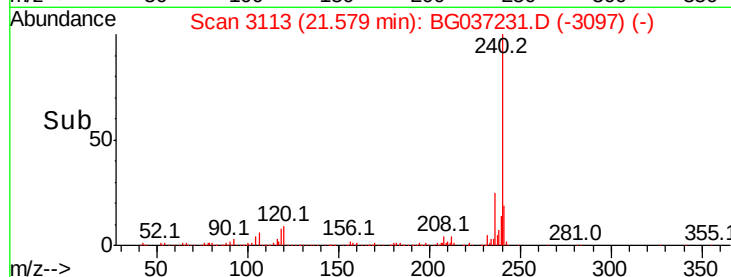
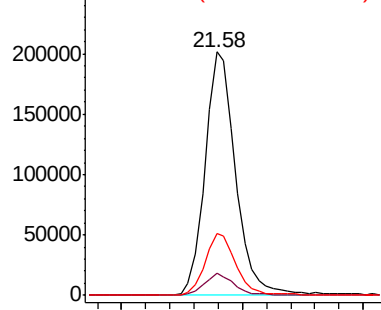
Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.9	10.3
236	25.5	21.2	31.8



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: 81.508 ng

RT: 19.95 min Scan# 2835

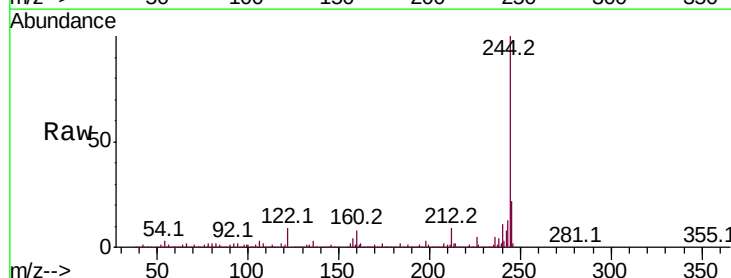
Delta R.T. -0.00 min

Lab File: BG037231.D

Acq: 10 Oct 2018 00:02

Tgt Ion:244 Resp: 1100213

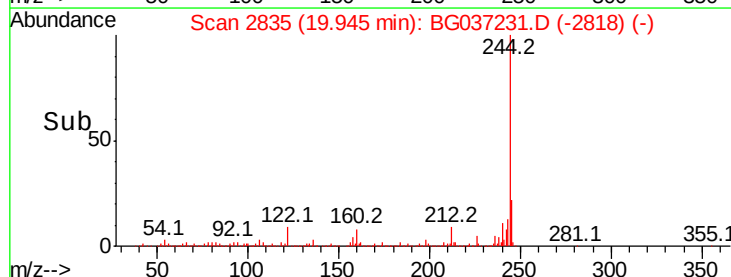
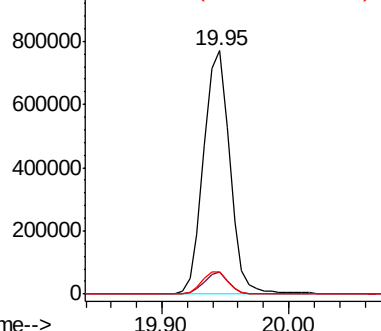
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.1	7.1	10.7

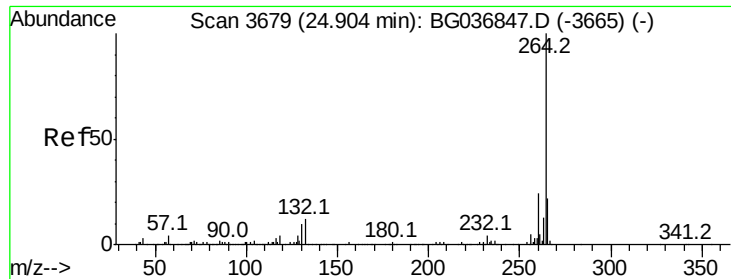


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3647
Delta R.T. -0.00 min
Lab File: BG037231.D
Acq: 10 Oct 2018 00:02

Instrument :
BNA_G
ClientSampleId :
SOIL-DEBRI

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.6	29.4
265	21.9	17.4	26.0

