

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
 Data File : BG037297.D
 Acq On : 12 Oct 2018 18:58
 Operator : JU/SJ
 Sample : J5392-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUM

Quant Time: Oct 13 00:29:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

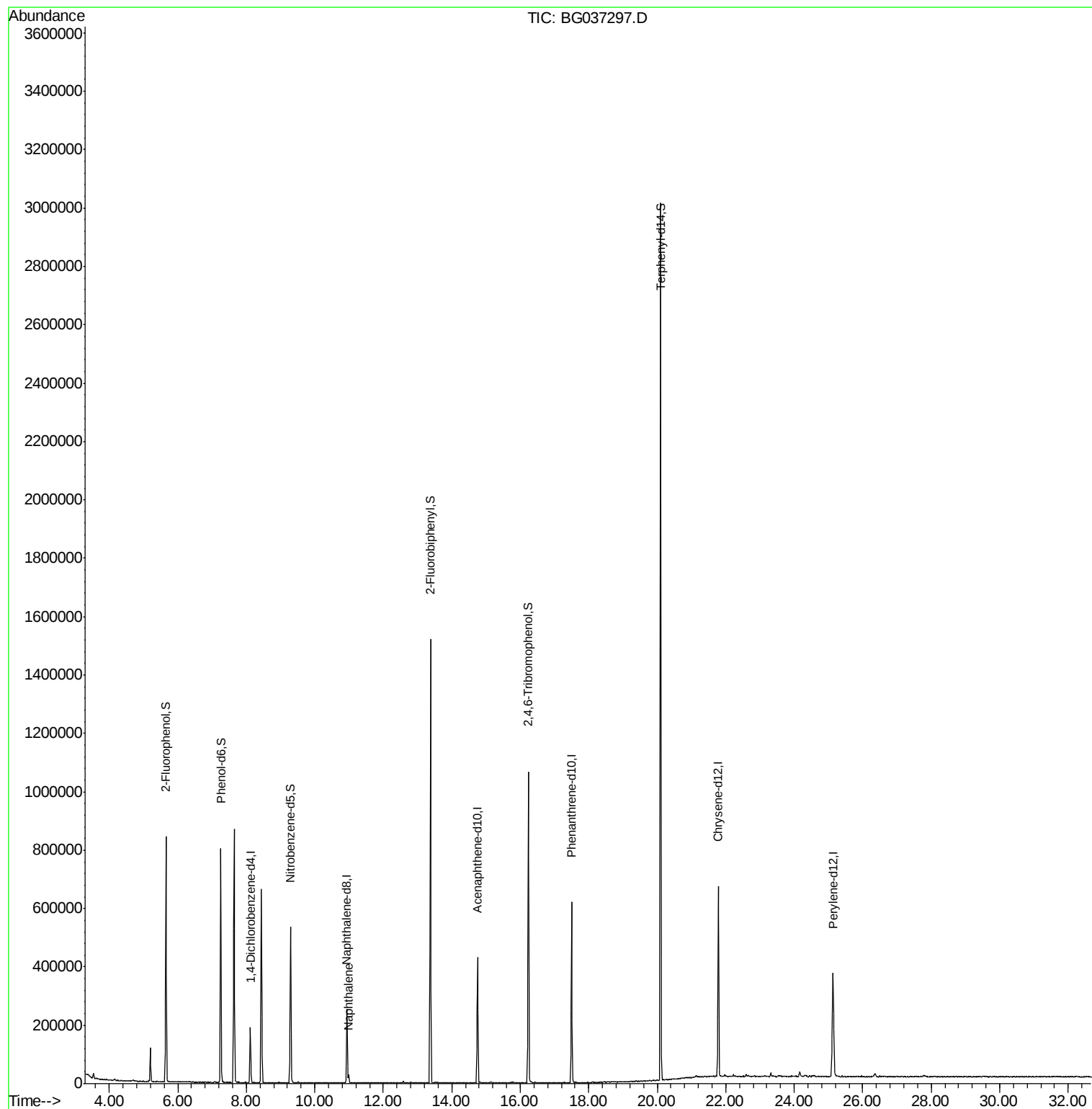
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	55343	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	228058	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	151579	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	398719	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	387346	20.00	ng	-0.01
87) Perylene-d12	25.13	264	382751	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	379861	120.80	ng	0.00
7) Phenol-d6	7.25	99	492318	103.14	ng	0.00
23) Nitrobenzene-d5	9.29	82	336430	96.99	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	199934	134.49	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	814348	80.68	ng	0.00
79) Terphenyl-d14	20.10	244	1414605	76.68	ng	0.00
Target Compounds						
31) Naphthalene	10.99	128	25797	2.328	ng	Qvalue 96

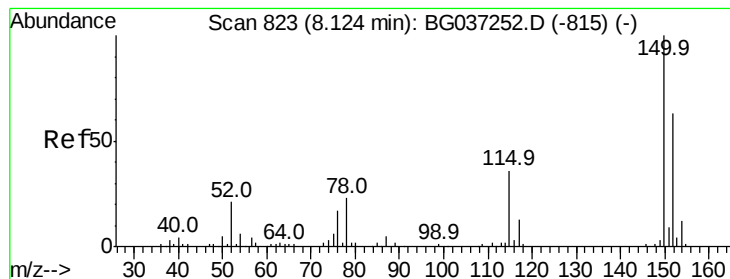
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



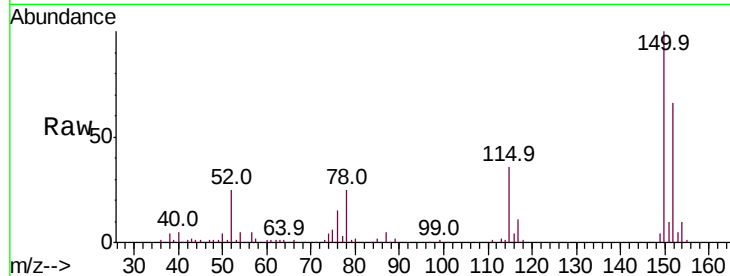


#1

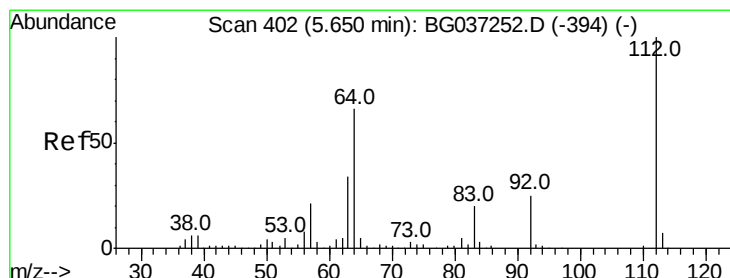
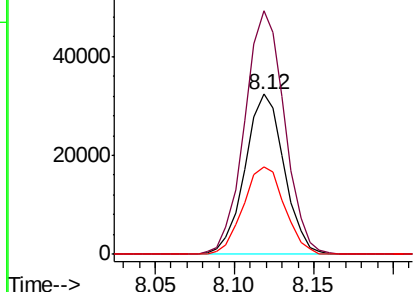
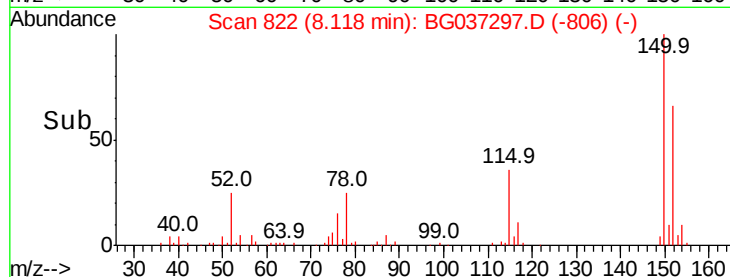
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037297.D
Acq: 12 Oct 2018 18:58

Instrument :
BNA_G
ClientSampleId :
SOIL-DRUM

Tot Ion:152 Resp: 55343
Ion Ratio Lower Upper
152 100
150 152.4 126.0 189.0
115 54.8 45.5 68.3



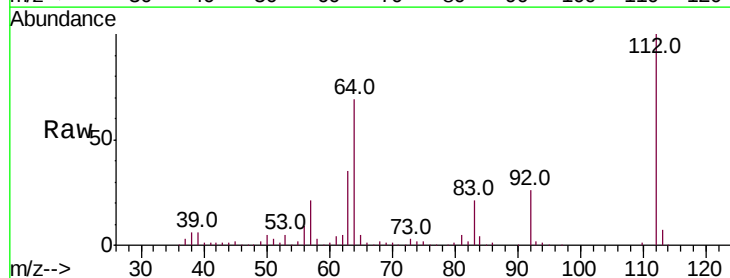
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



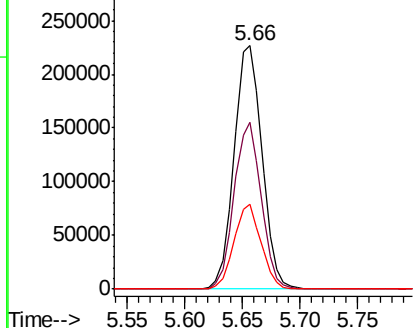
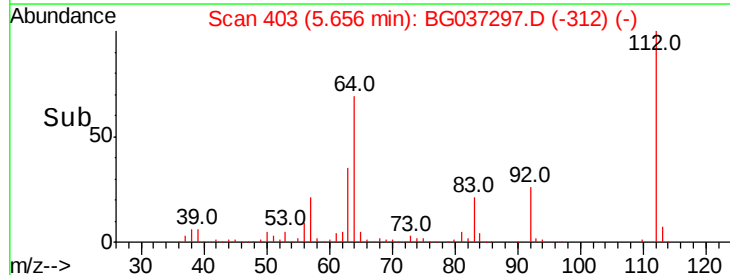
#5

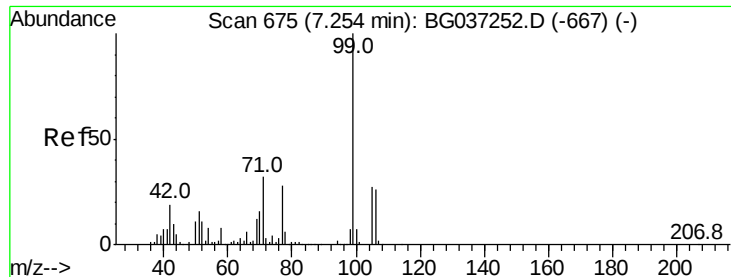
2-Fluorophenol
Concen: 120.796 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037297.D
Acq: 12 Oct 2018 18:58

Tgt Ion:112 Resp: 379861
Ion Ratio Lower Upper
112 100
64 68.6 53.1 79.7
63 35.1 27.3 40.9



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: 103.145 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037297.D

Acq: 12 Oct 2018 18:58

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUM

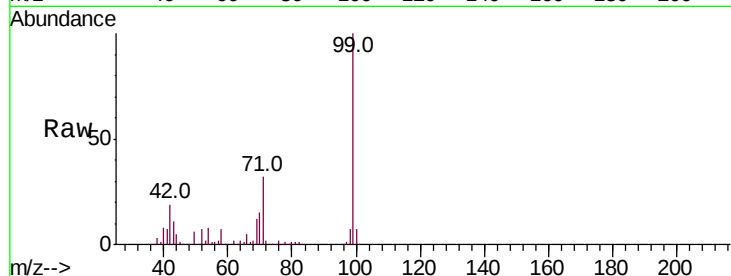
Tot Ion: 99 Resp: 492318

Ion Ratio Lower Upper

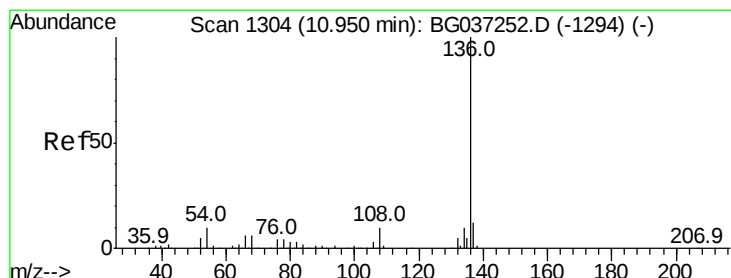
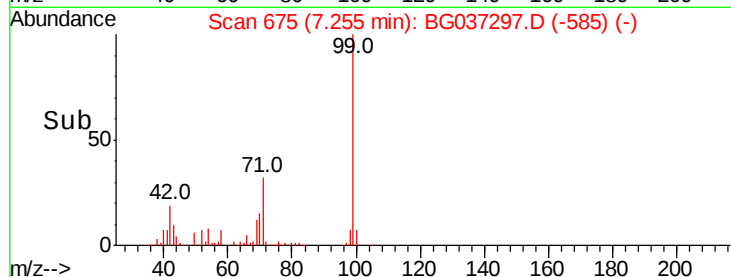
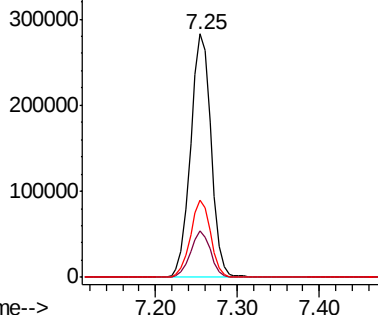
99 100

42 19.1 15.0 22.4

71 31.8 25.5 38.3



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: 20.000 ng

RT: 10.94 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BG037297.D

Acq: 12 Oct 2018 18:58

Tgt Ion: 136 Resp: 228058

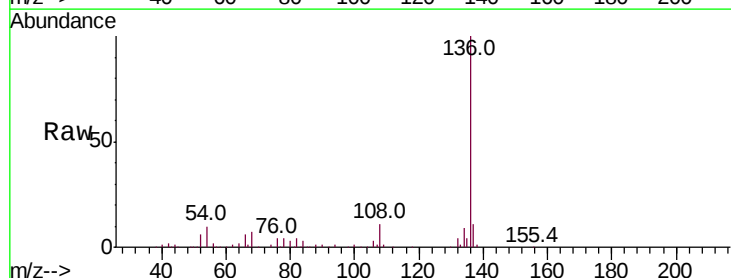
Ion Ratio Lower Upper

136 100

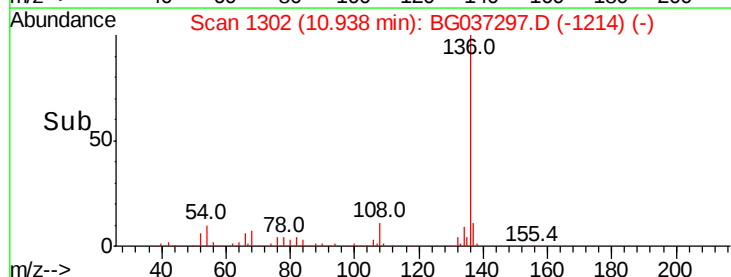
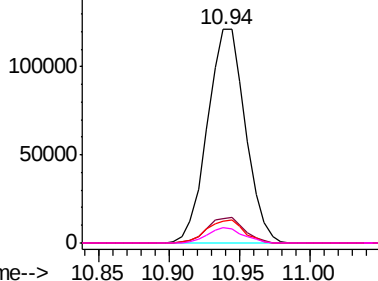
137 11.4 9.6 14.4

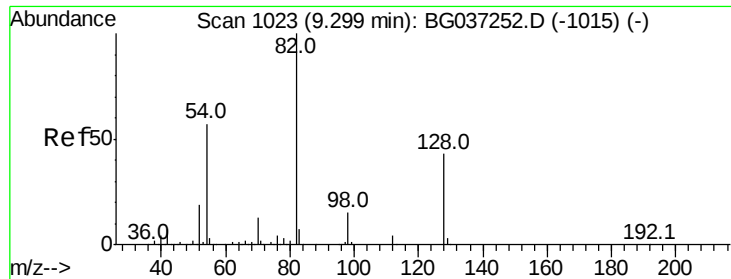
54 10.4 7.9 11.9

68 7.0 4.8 7.2



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

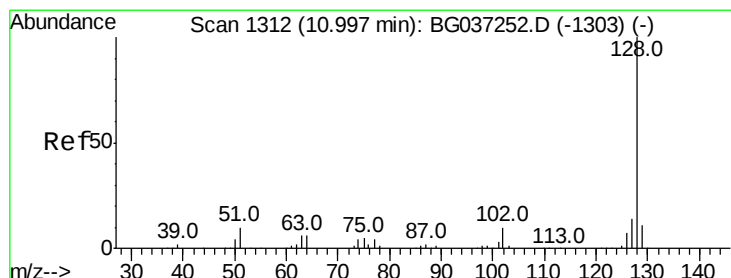
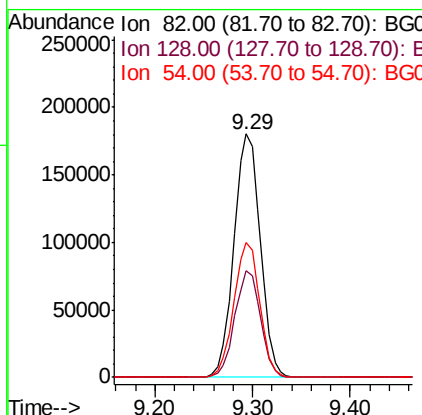
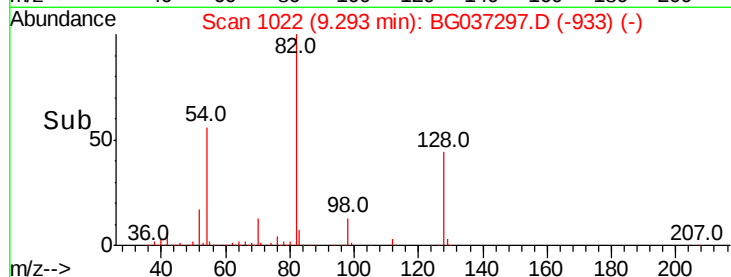
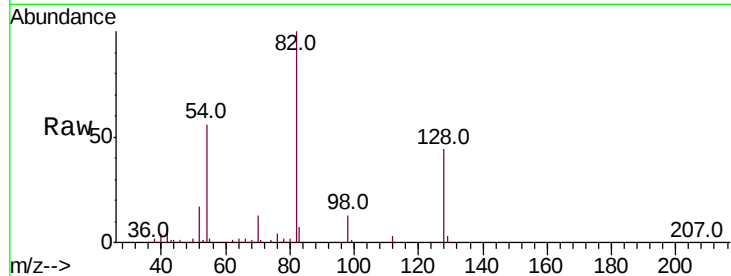




#23
Nitrobenzene-d5
Concen: 96.986 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037297.D
Acq: 12 Oct 2018 18:58

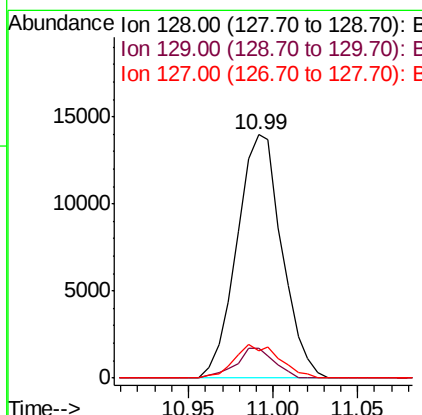
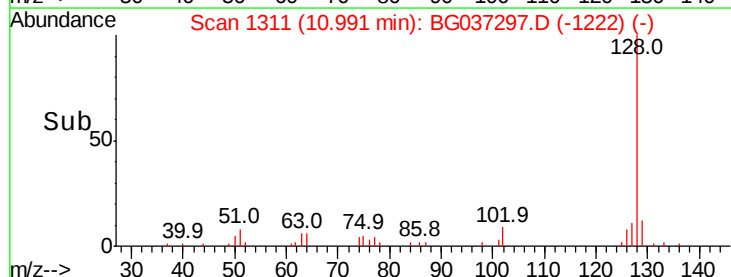
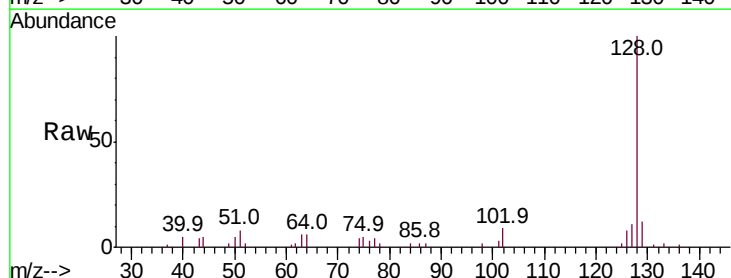
Instrument :
BNA_G
ClientSampleId :
SOIL-DRUM

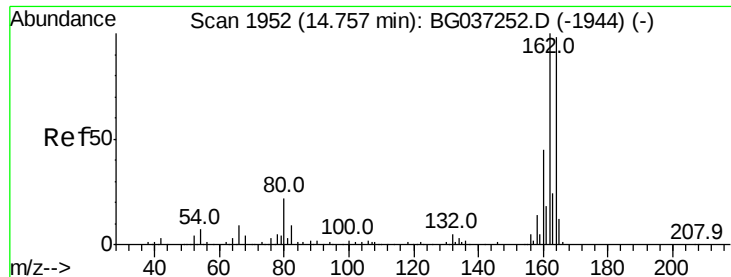
Tot Ion	82	Resp	336430
Ion Ratio	100	Lower	Upper
128	43.8	34.6	51.8
54	55.5	45.3	67.9



#31
Naphthalene
Concen: 2.328 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG037297.D
Acq: 12 Oct 2018 18:58

Tgt Ion	128	Resp	25797
Ion Ratio	100	Lower	Upper
129	12.2	9.0	13.6
127	11.4	11.1	16.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG037297.D

Acq: 12 Oct 2018 18:58

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUM

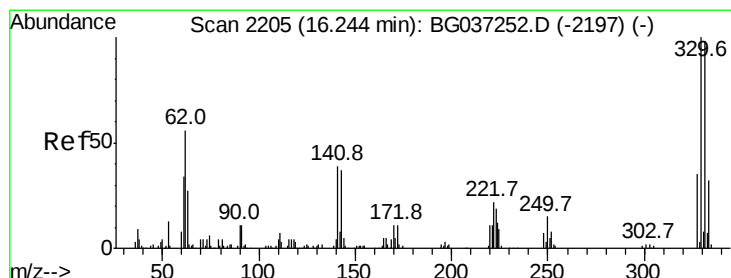
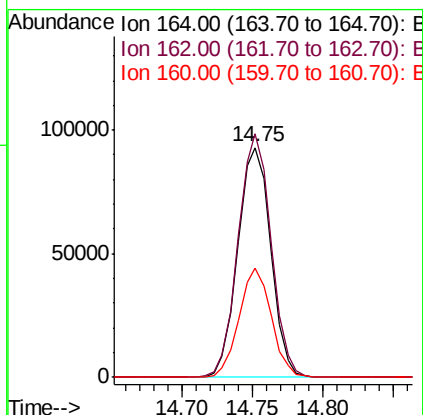
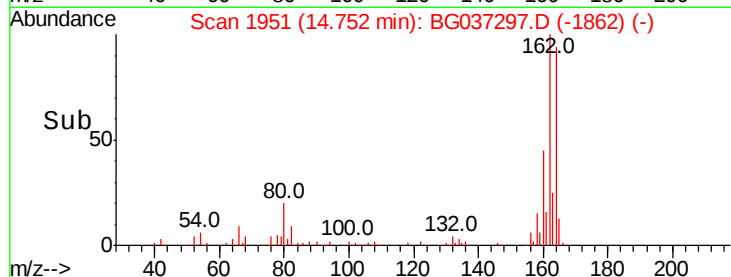
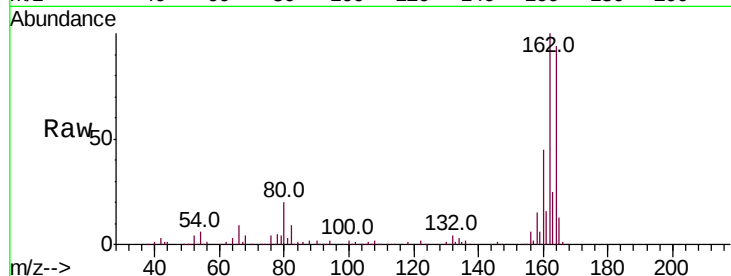
Tot Ion:164 Resp: 151579

Ion Ratio Lower Upper

164 100

162 106.0 81.3 121.9

160 47.6 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 134.494 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG037297.D

Acq: 12 Oct 2018 18:58

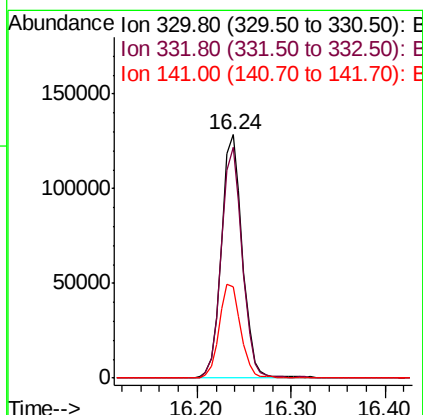
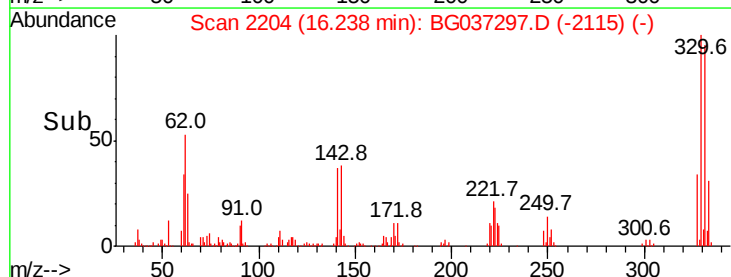
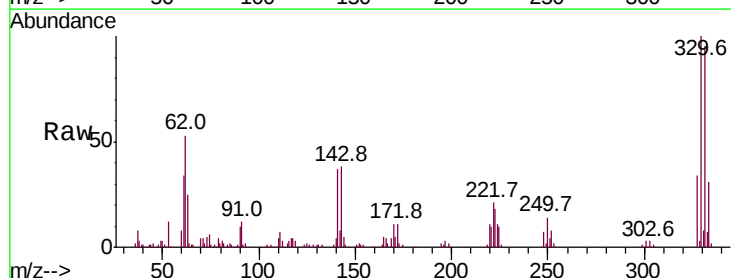
Tgt Ion:330 Resp: 199934

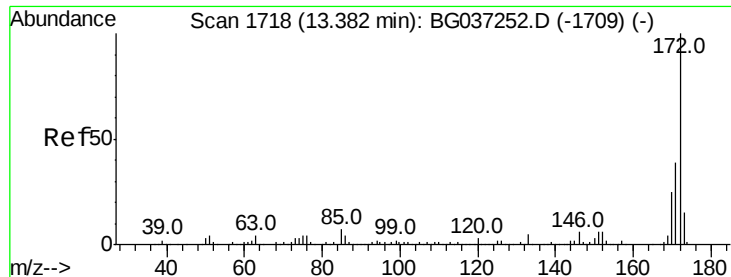
Ion Ratio Lower Upper

330 100

332 94.5 78.4 117.6

141 39.2 32.2 48.2

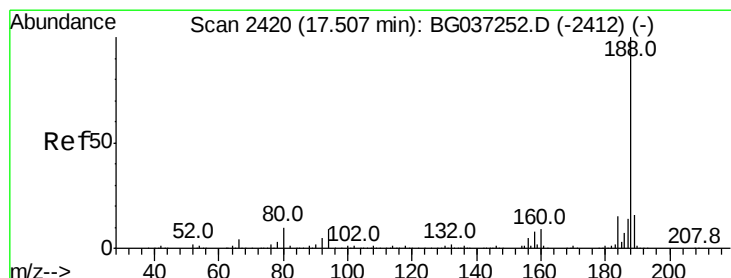
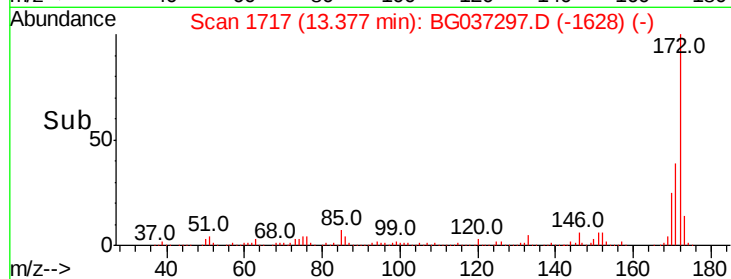
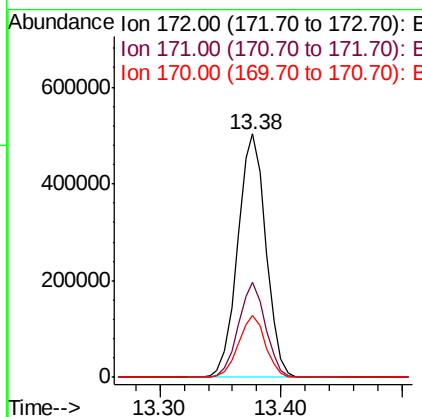
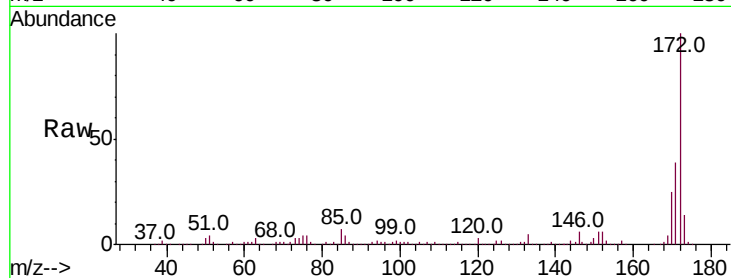




#45
 2-Fluorobiphenyl
 Concen: 80.681 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG037297.D
 Acq: 12 Oct 2018 18:58

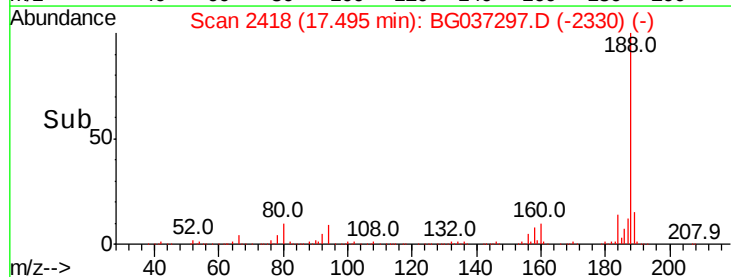
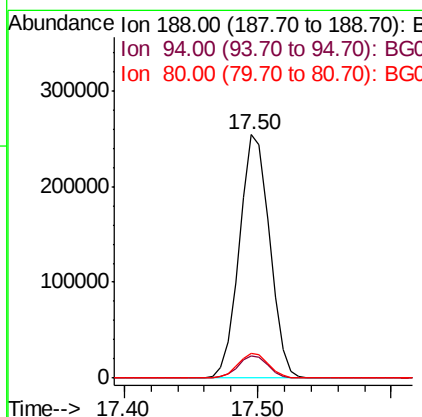
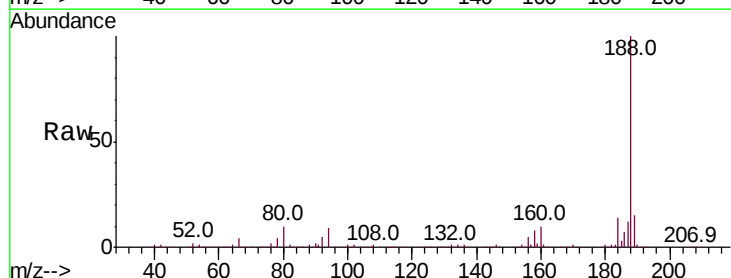
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUM

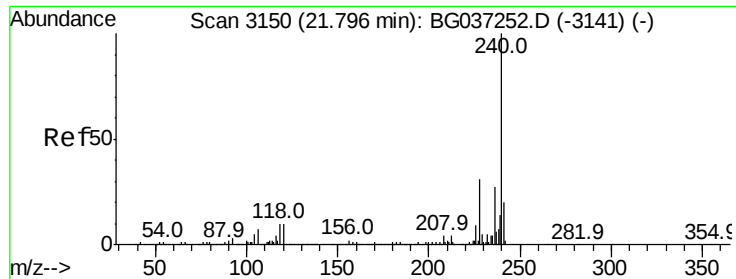
Tot Ion:172 Resp: 814348
 Ion Ratio Lower Upper
 172 100
 171 38.9 31.0 46.4
 170 25.4 20.2 30.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG037297.D
 Acq: 12 Oct 2018 18:58

Tgt Ion:188 Resp: 398719
 Ion Ratio Lower Upper
 188 100
 94 9.2 7.2 10.8
 80 10.2 7.7 11.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG037297.D

Acq: 12 Oct 2018 18:58

Instrument :

BNA_G

ClientSampleId :

SOIL-DRUM

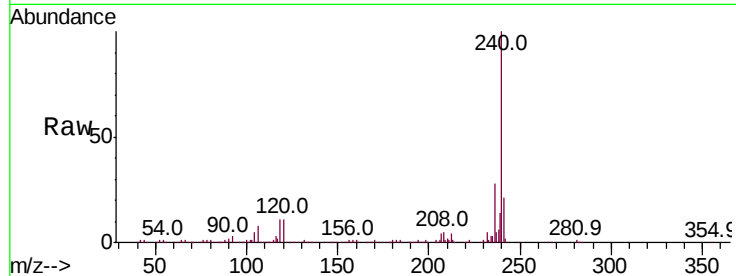
Tot Ion:240 Resp: 387346

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

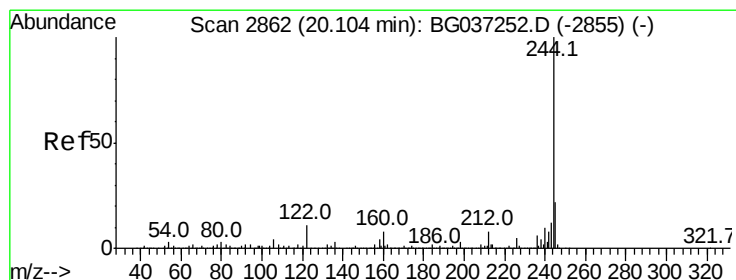
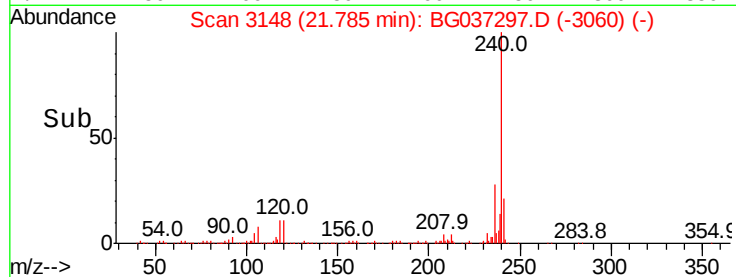
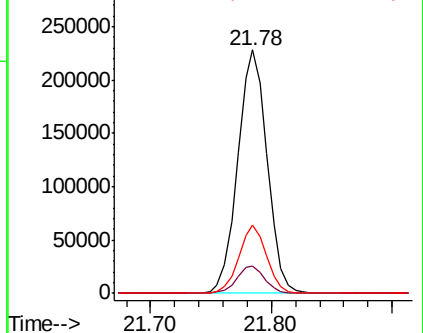
236 27.8 21.4 32.0



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



#79

Terphenyl-d14

Concen: 76.684 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG037297.D

Acq: 12 Oct 2018 18:58

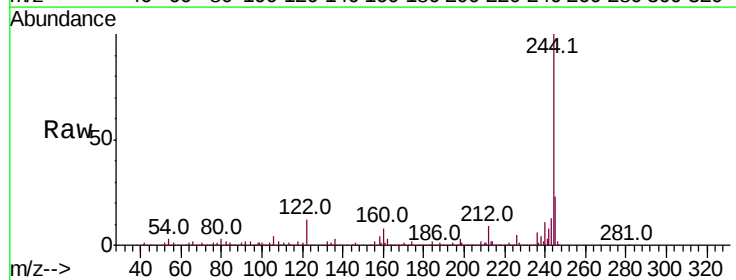
Tgt Ion:244 Resp: 1414605

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

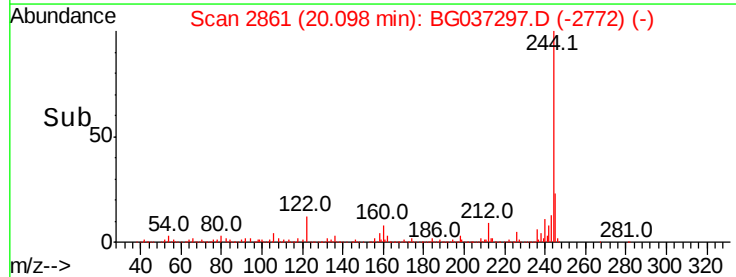
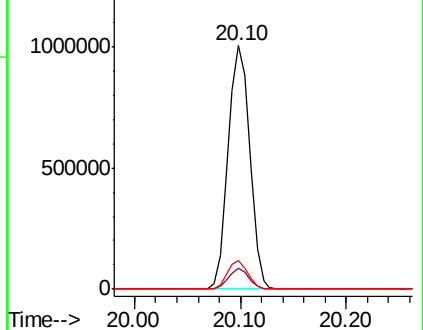
122 11.7 9.0 13.4

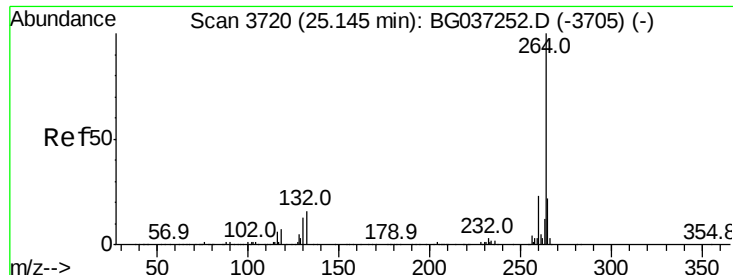


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.13 min Scan# 3717
 Delta R.T. -0.02 min
 Lab File: BG037297.D
 Acq: 12 Oct 2018 18:58

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-DRUM

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	22.2	17.9	26.9

