

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
 Data File : BG032497.D
 Acq On : 1 Feb 2018 19:44
 Operator : SJ/JU
 Sample : J1413-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-2

Quant Time: Feb 02 03:00:54 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

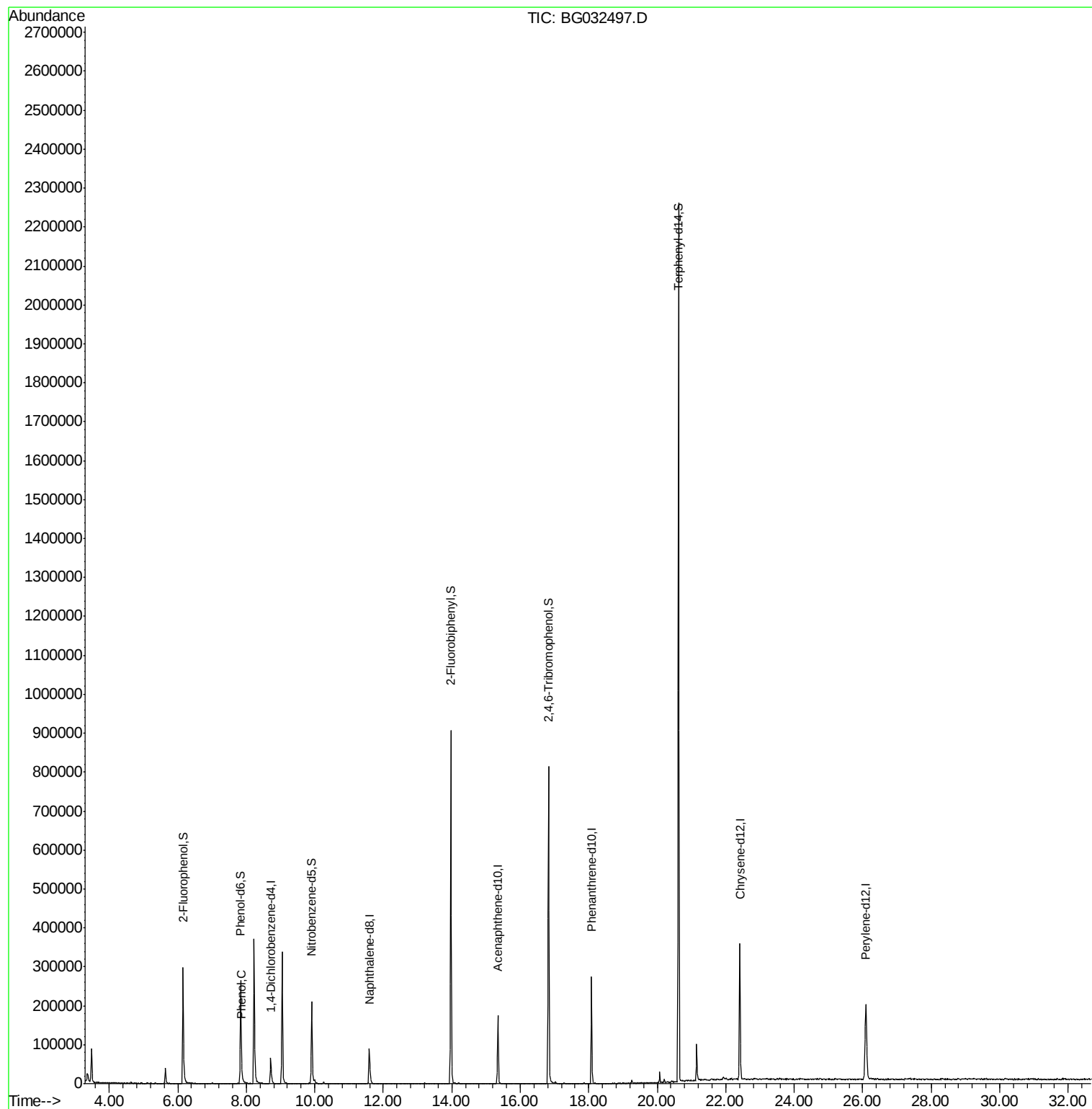
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	25482	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	102361	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	71061	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	200131	20.00	ng	0.00
75) Chrysene-d12	22.41	240	265445	20.00	ng	0.00
86) Perylene-d12	26.10	264	285090	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	163243	128.67	ng	0.00
7) Phenol-d6	7.83	99	181059	106.95	ng	0.00
23) Nitrobenzene-d5	9.91	82	145372	88.71	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	197056	145.68	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	541752	90.61	ng	-0.01
78) Terphenyl-d14	20.62	244	1201264	96.94	ng	0.00
Target Compounds						
10) Phenol	7.87	94	4805	2.989	ng	Qvalue # 54

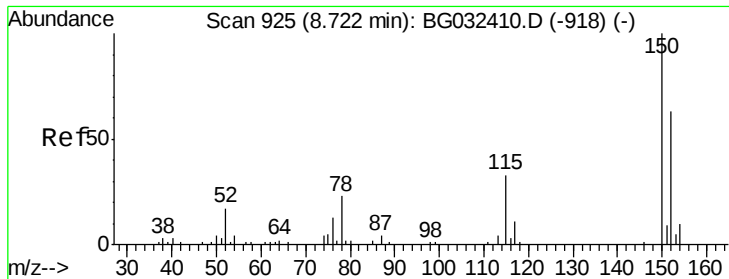
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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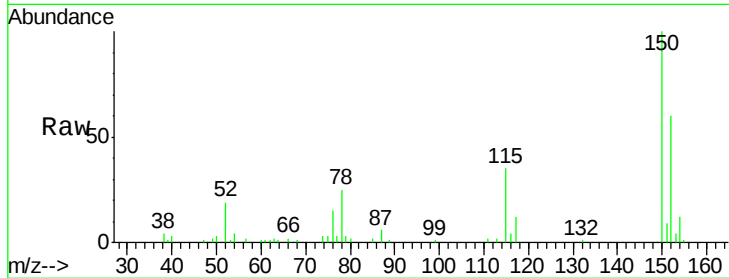


#1

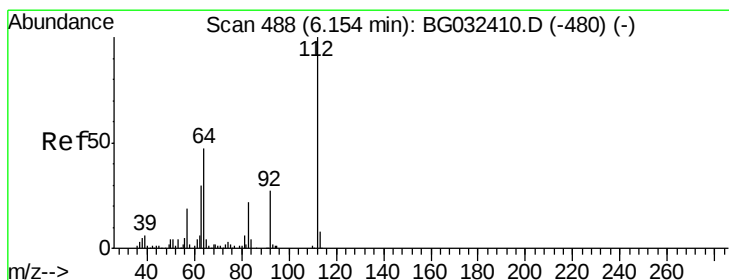
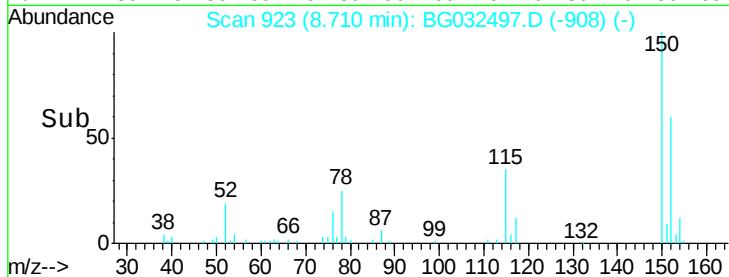
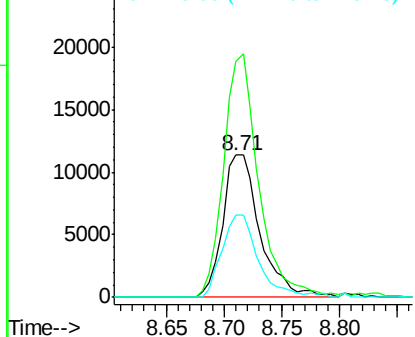
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032497.D
Acq: 1 Feb 2018 19:44

Instrument :
BNA_G
ClientSampleId :
SOIL-2

Tot Ion:152 Resp: 25482
Ion Ratio Lower Upper
152 100
150 166.0 126.6 189.8
115 57.4 53.0 79.4



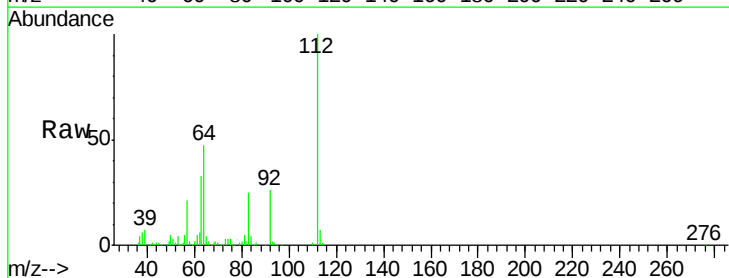
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



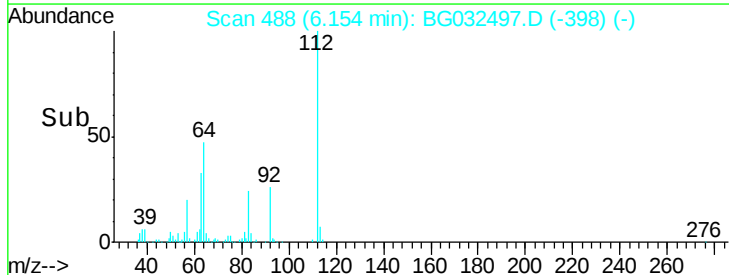
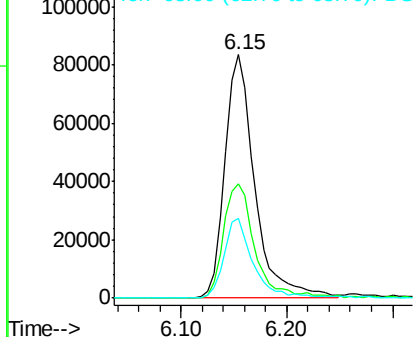
#5

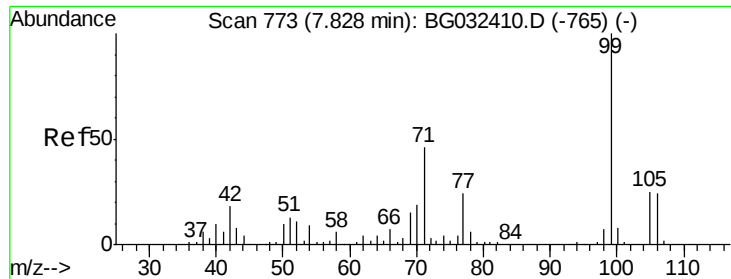
2-Fluorophenol
Concen: 128.672 ng
RT: 6.15 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032497.D
Acq: 1 Feb 2018 19:44

Tgt Ion:112 Resp: 163243
Ion Ratio Lower Upper
112 100
64 46.8 56.3 84.5#
63 32.8 30.1 45.1



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: 106.950 ng

RT: 7.83 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032497.D

Acq: 1 Feb 2018 19:44

Instrument :

BNA_G

ClientSampleId :

SOIL-2

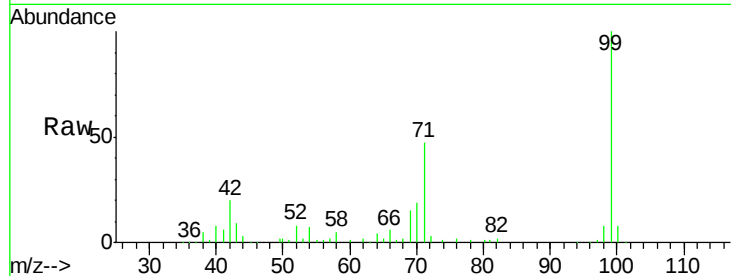
Tot Ion: 99 Resp: 181059

Ion Ratio Lower Upper

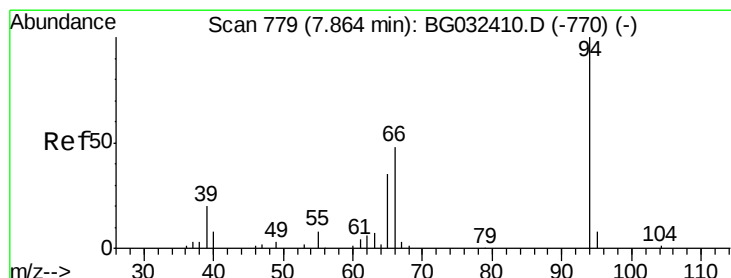
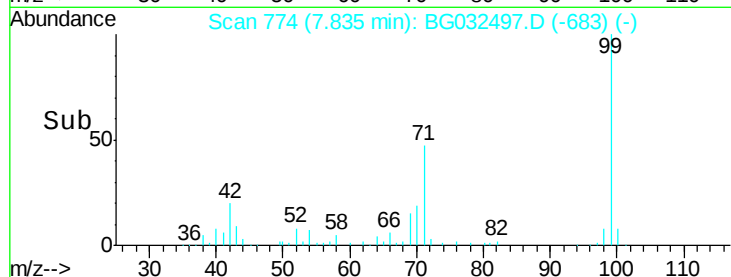
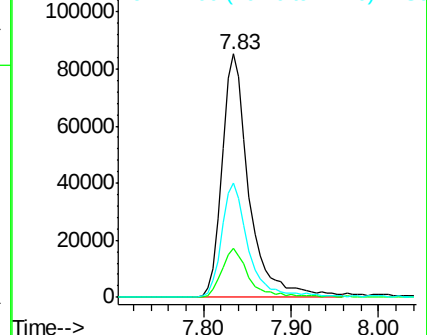
99 100

42 20.1 14.1 21.1

71 47.2 26.1 39.1#



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



#10

Phenol

Concen: 2.989 ng

RT: 7.87 min Scan# 780

Delta R.T. 0.01 min

Lab File: BG032497.D

Acq: 1 Feb 2018 19:44

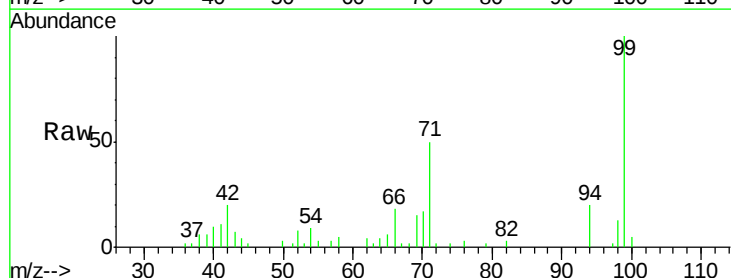
Tgt Ion: 94 Resp: 4805

Ion Ratio Lower Upper

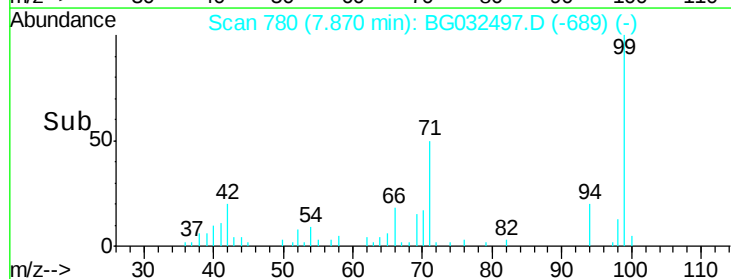
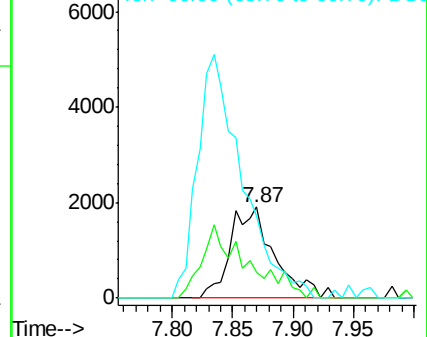
94 100

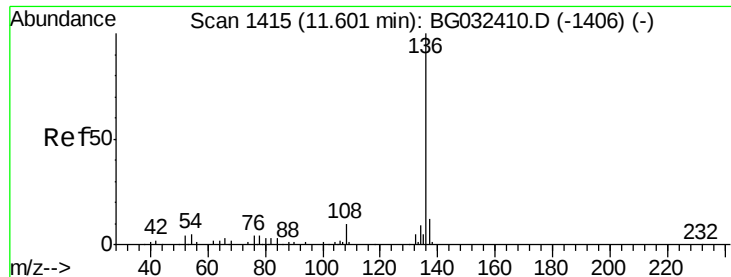
65 28.3 11.9 51.9

66 90.2 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

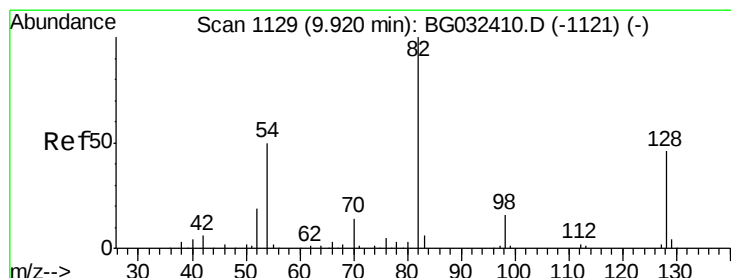
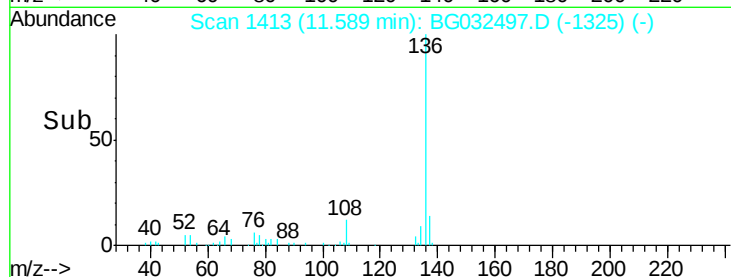
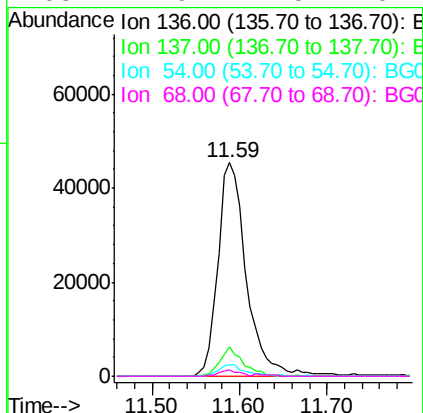
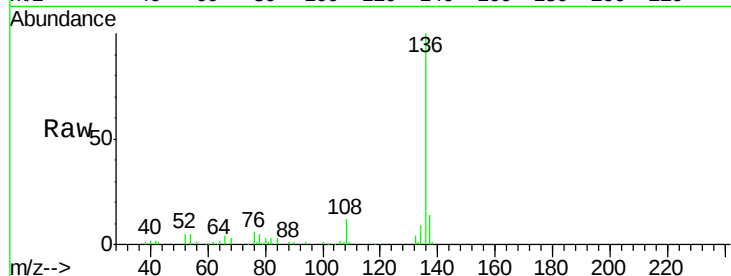




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032497.D
Acq: 1 Feb 2018 19:44

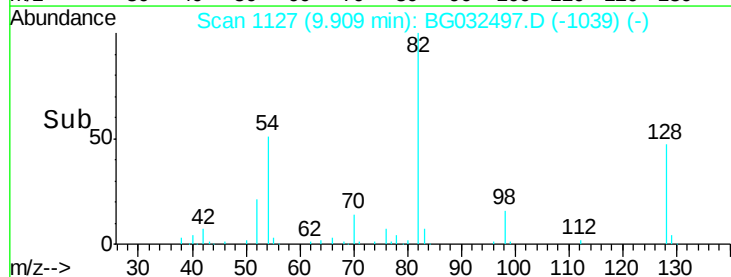
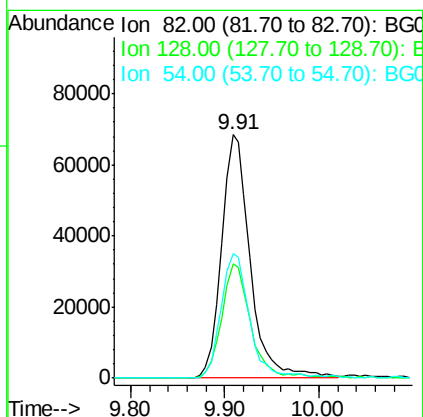
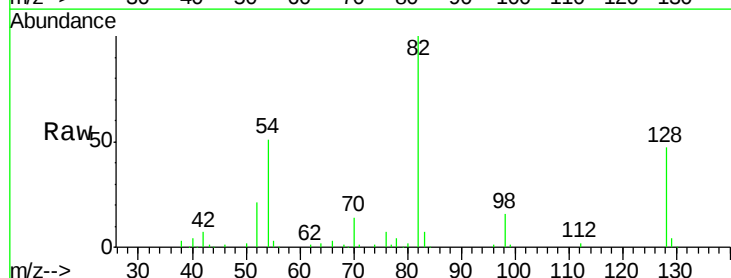
Instrument :
BNA_G
ClientSampleId :
SOIL-2

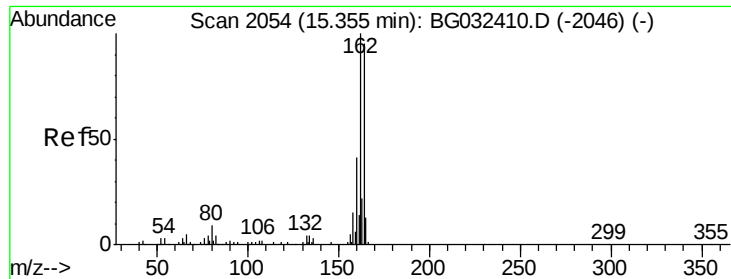
Tot Ion:	136	Resp:	102361
Ion	Ratio	Lower	Upper
136	100		
137	13.7	9.2	13.8
54	5.2	10.3	15.5#
68	2.9	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 88.706 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032497.D
Acq: 1 Feb 2018 19:44

Tgt Ion:	82	Resp:	145372
Ion	Ratio	Lower	Upper
82	100		
128	46.9	29.7	44.5#
54	51.4	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032497.D

Acq: 1 Feb 2018 19:44

Instrument :

BNA_G

ClientSampled :

SOIL-2

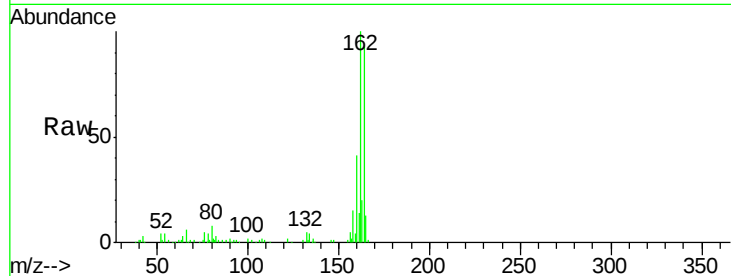
Tot Ion:164 Resp: 71061

Ion Ratio Lower Upper

164 100

162 107.5 78.8 118.2

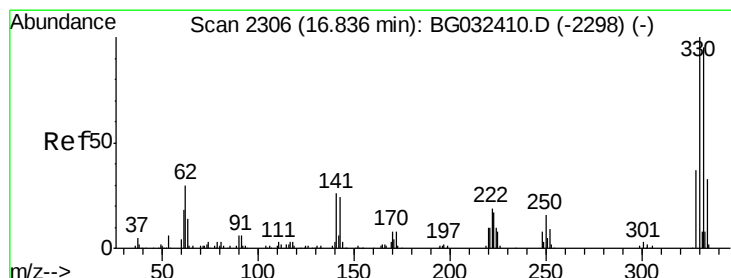
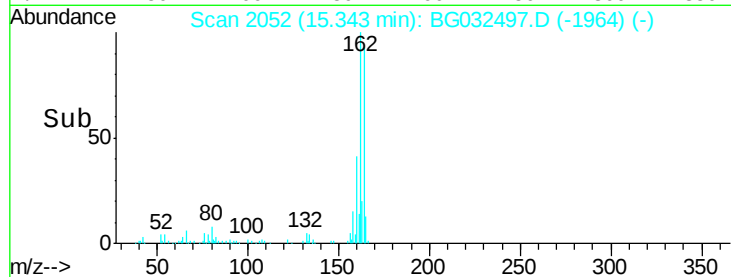
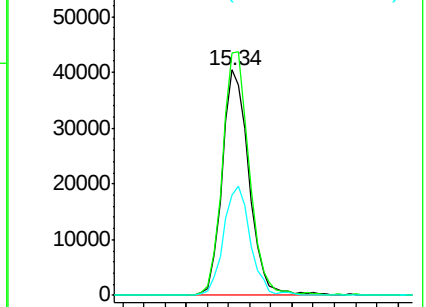
160 44.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 145.682 ng

RT: 16.82 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG032497.D

Acq: 1 Feb 2018 19:44

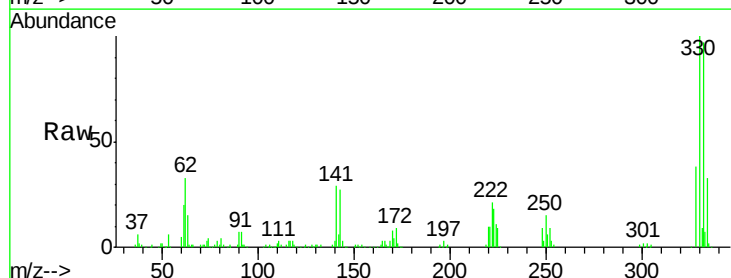
Tgt Ion:330 Resp: 197056

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

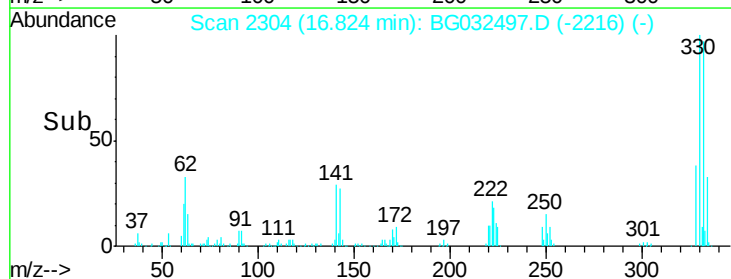
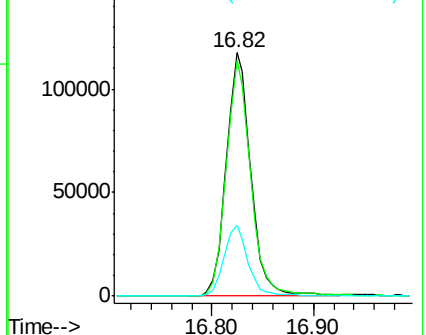
141 28.4 25.2 37.8

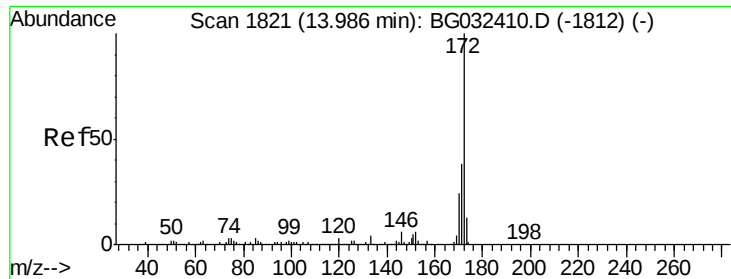


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

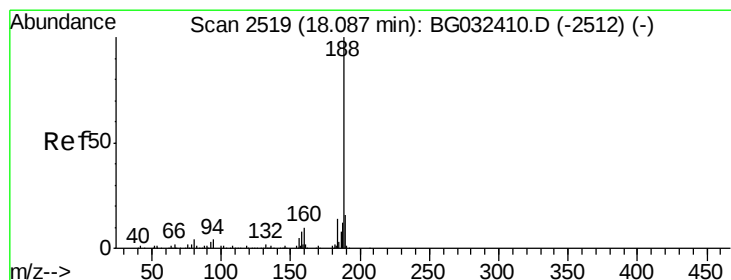
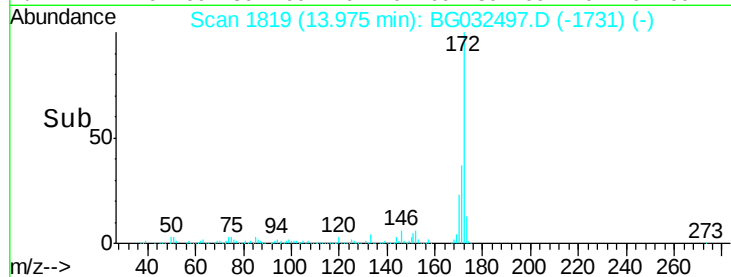
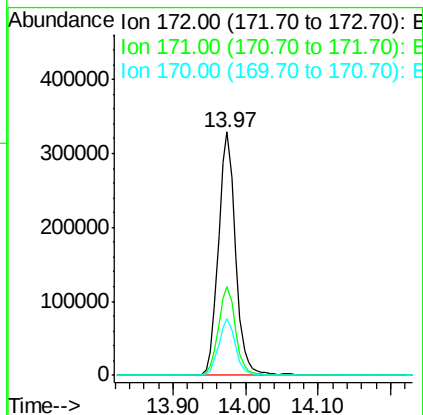
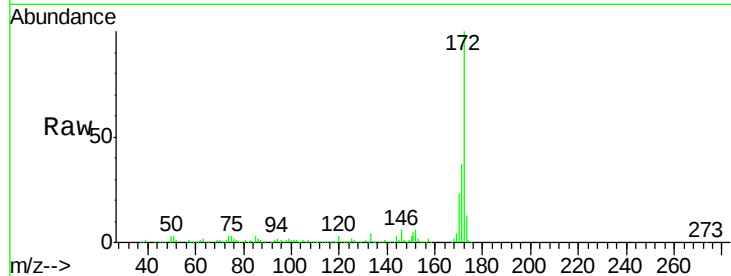




#44
2-Fluorobiphenyl
Concen: 90.613 ng
RT: 13.97 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BG032497.D
Acq: 1 Feb 2018 19:44

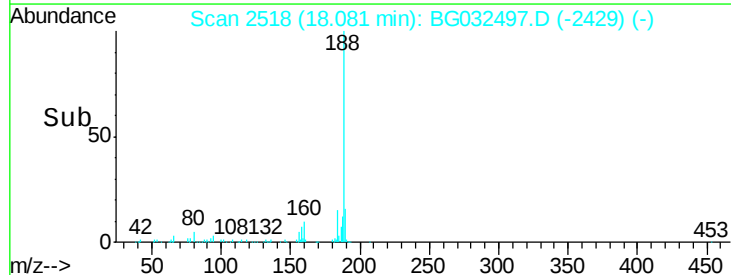
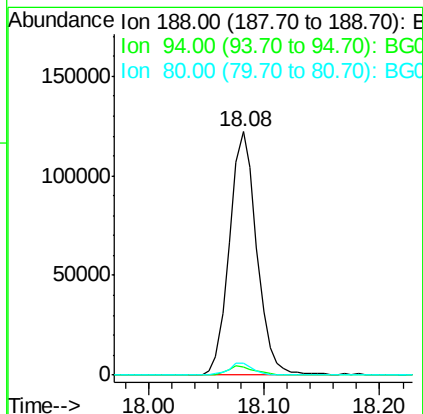
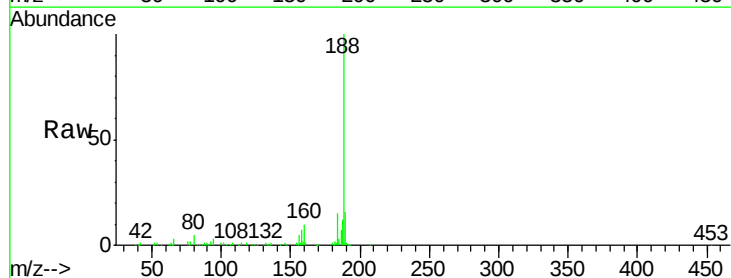
Instrument :
BNA_G
ClientSampled :
SOIL-2

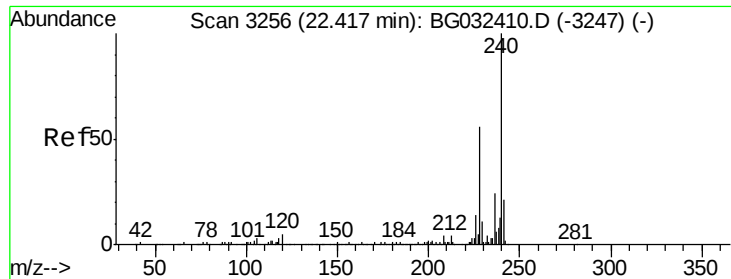
Tot Ion:172 Resp: 541752
Ion Ratio Lower Upper
172 100
171 36.7 30.0 45.0
170 23.1 19.5 29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2518
Delta R.T. -0.01 min
Lab File: BG032497.D
Acq: 1 Feb 2018 19:44

Tgt Ion:188 Resp: 200131
Ion Ratio Lower Upper
188 100
94 3.5 6.9 10.3#
80 5.0 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BG032497.D

Acq: 1 Feb 2018 19:44

Instrument :

BNA_G

ClientSampleId :

SOIL-2

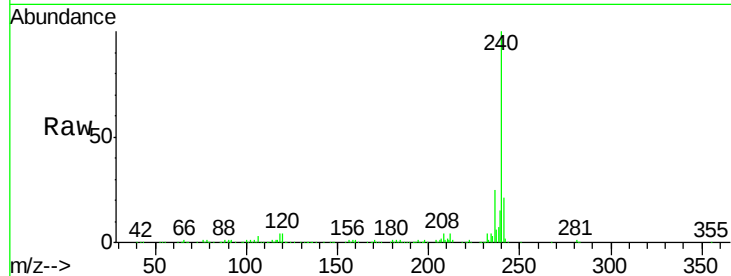
Tot Ion:240 Resp: 265445

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

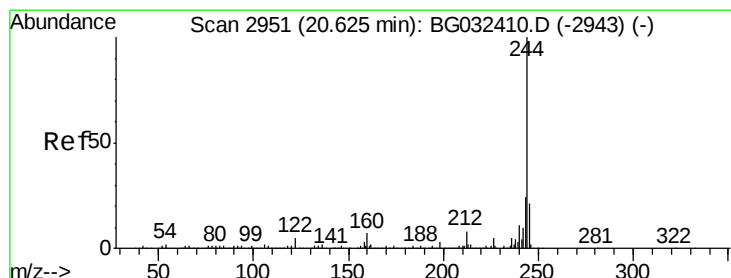
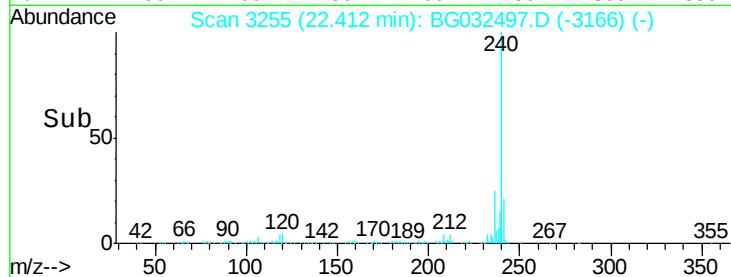
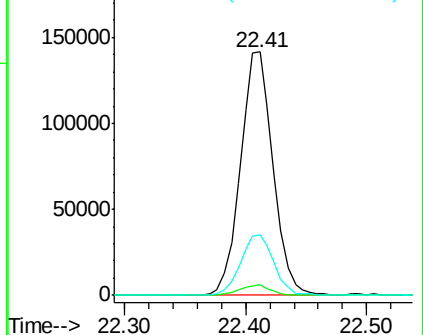
236 25.0 20.9 31.3



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: 96.939 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BG032497.D

Acq: 1 Feb 2018 19:44

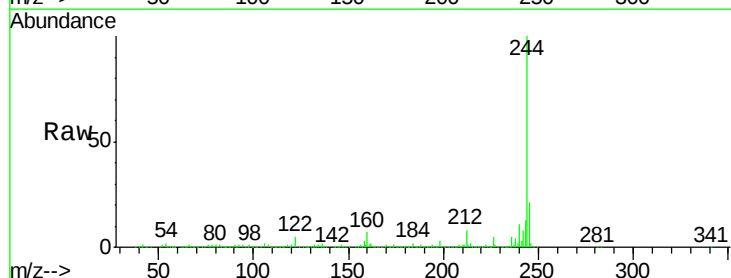
Tgt Ion:244 Resp: 1201264

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

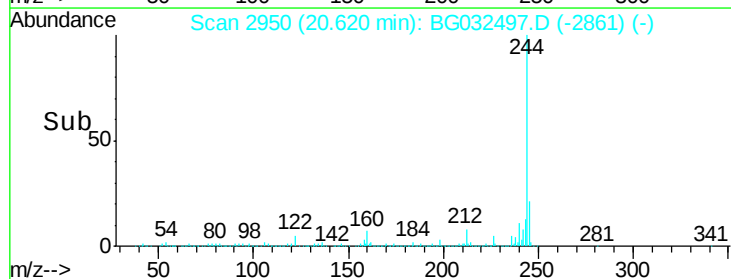
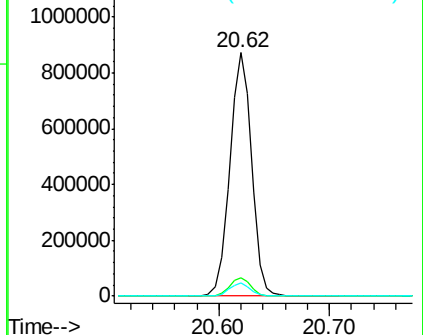
122 5.4 7.0 10.4#

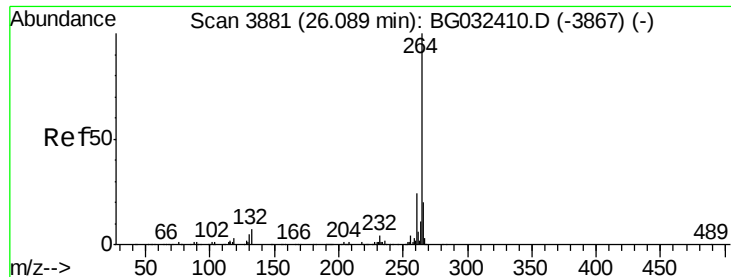


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.10 min Scan# 3882
 Delta R.T. 0.01 min
 Lab File: BG032497.D
 Acq: 1 Feb 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	20.6	17.7	26.5

