

Data Path : U:\HPCHEM1\BNA G\DATA\BG011018\
 Data File : BG031980.D
 Acq On : 10 Jan 2018 17:15
 Operator : SJ/JU
 Sample : J1042-01DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOILDL

Quant Time: Jan 11 09:40:57 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

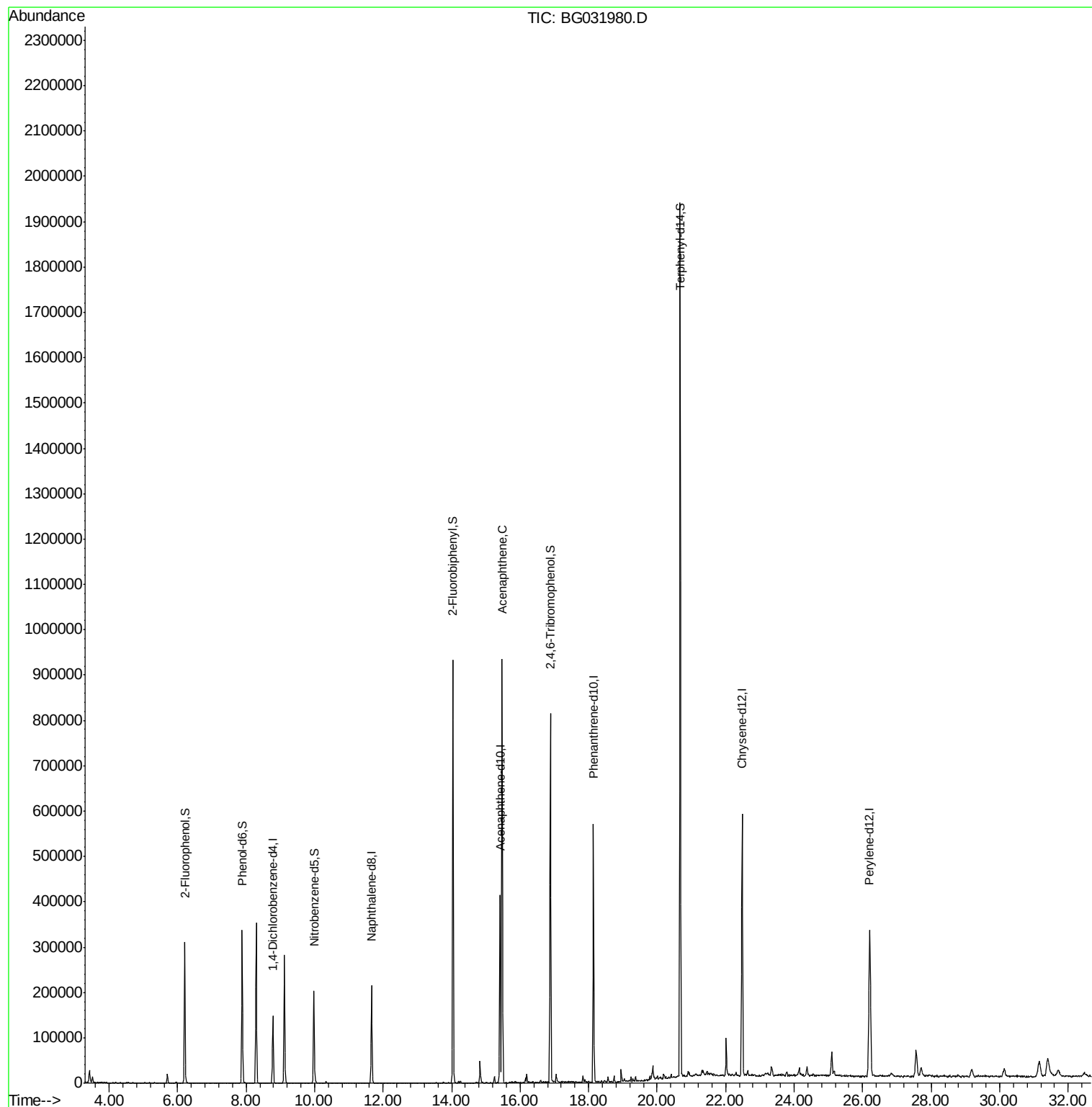
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	49605	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	219472	20.00	ng	-0.01
38) Acenaphthene-d10	15.41	164	160650	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	392304	20.00	ng	-0.02
75) Chrysene-d12	22.48	240	439940	20.00	ng	-0.04
86) Perylene-d12	26.20	264	448302	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	165982	60.94	ng	0.00
7) Phenol-d6	7.89	99	236901	67.00	ng	0.00
23) Nitrobenzene-d5	9.98	82	131491	45.24	ng	-0.01
41) 2,4,6-Tribromophenol	16.88	330	186070	75.91	ng	-0.02
44) 2-Fluorobiphenyl	14.04	172	560161	43.76	ng	-0.02
78) Terphenyl-d14	20.67	244	1091400	56.68	ng	-0.03
Target Compounds						
51) Acenaphthene	15.48	154	410664	37.450	ng	Qvalue 100

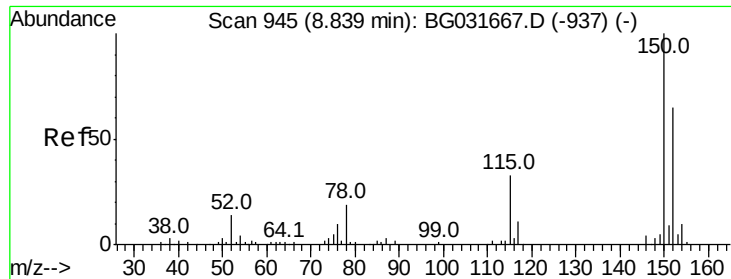
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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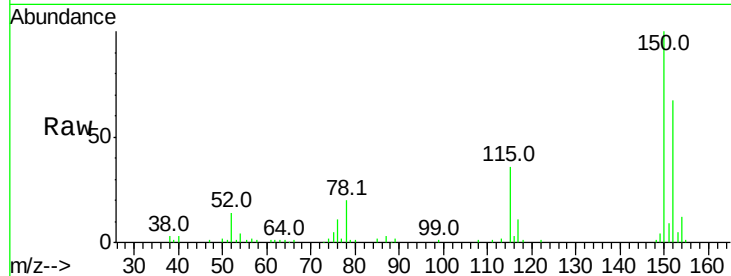


#1

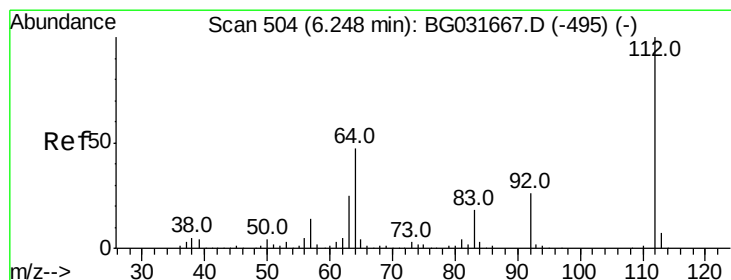
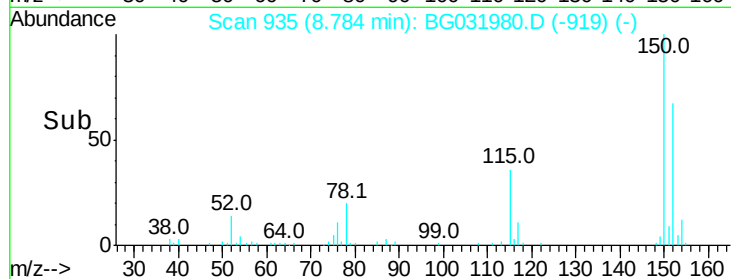
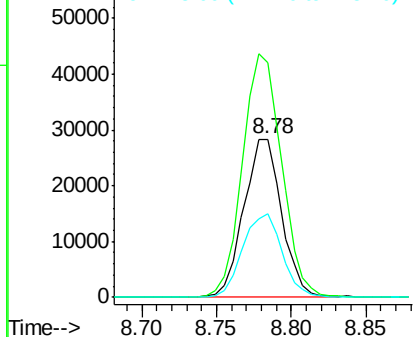
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.78 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BG031980.D
 Acq: 10 Jan 2018 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOILD

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.5	126.6	189.8
115	52.8	53.0	79.4#



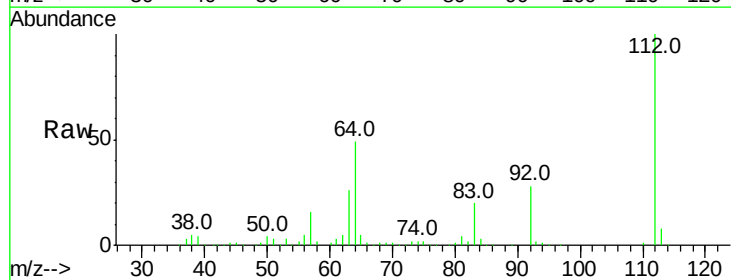
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



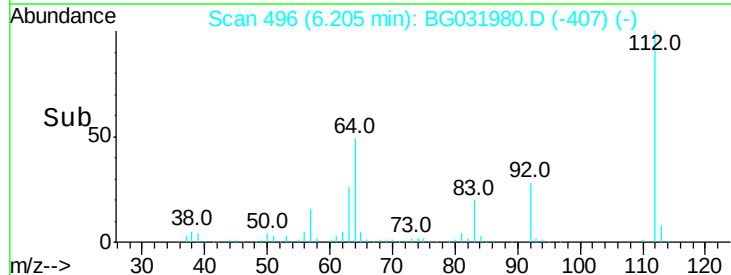
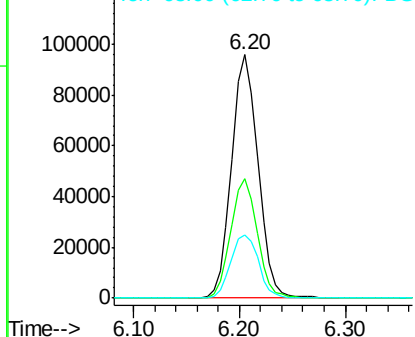
#5

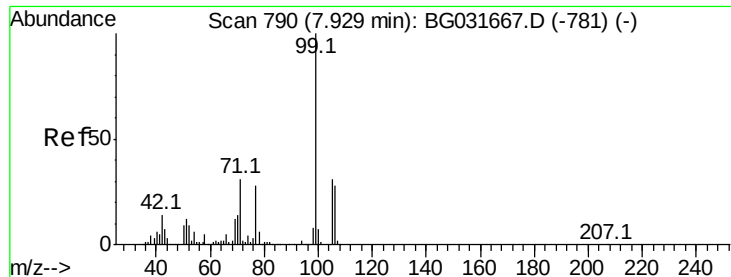
2-Fluorophenol
 Concen: 60.945 ng
 RT: 6.20 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BG031980.D
 Acq: 10 Jan 2018 17:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.0	56.3	84.5#
63	26.1	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: 66.997 ng

RT: 7.89 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG031980.D

Acq: 10 Jan 2018 17:15

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOILDL

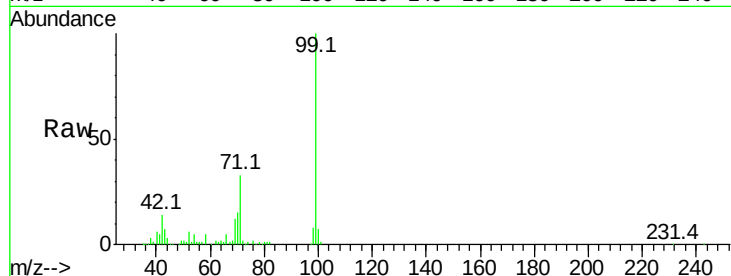
Tot Ion: 99 Resp: 236901

Ion Ratio Lower Upper

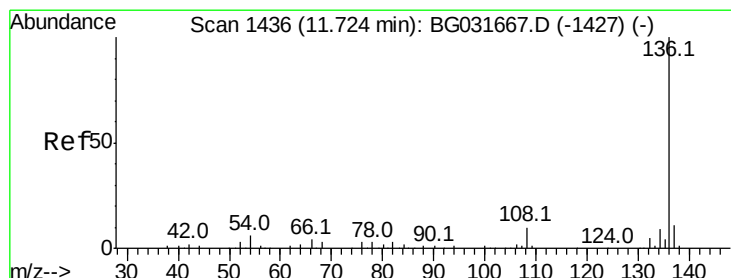
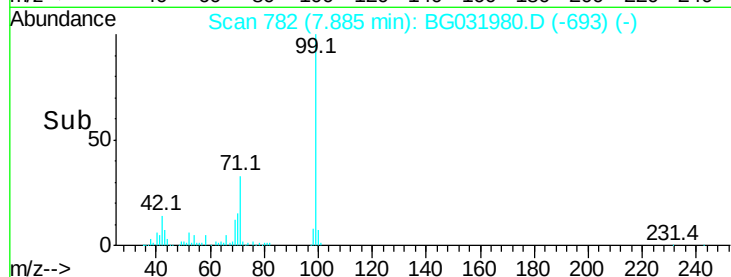
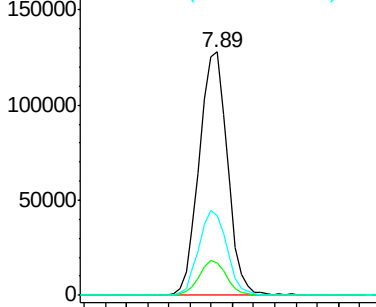
99 100

42 13.5 14.1 21.1#

71 32.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.66 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BG031980.D

Acq: 10 Jan 2018 17:15

Tgt Ion: 136 Resp: 219472

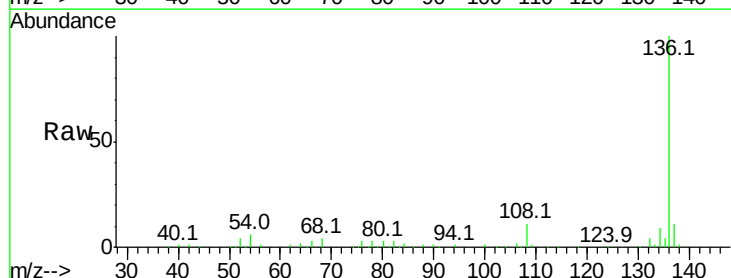
Ion Ratio Lower Upper

136 100

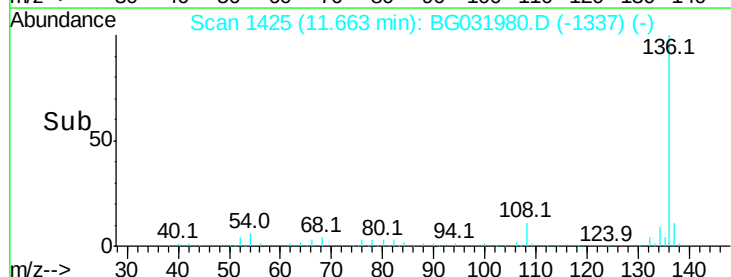
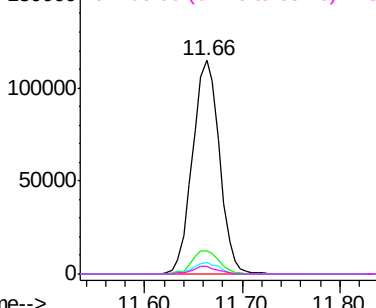
137 10.6 9.2 13.8

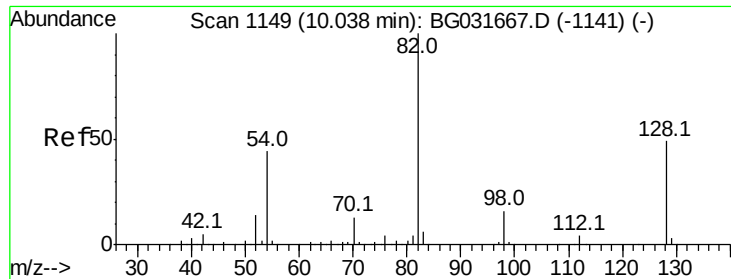
54 5.6 10.3 15.5#

68 3.9 4.5 6.7#



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

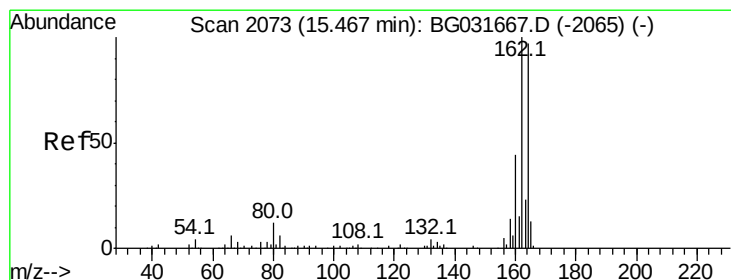
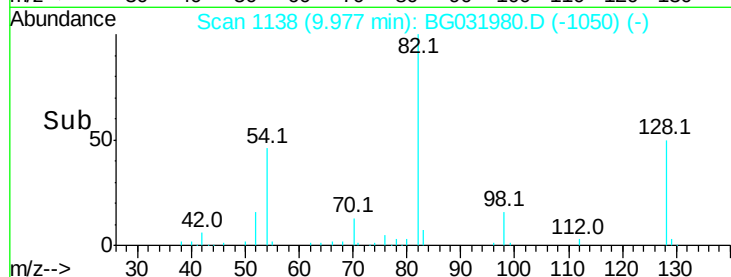
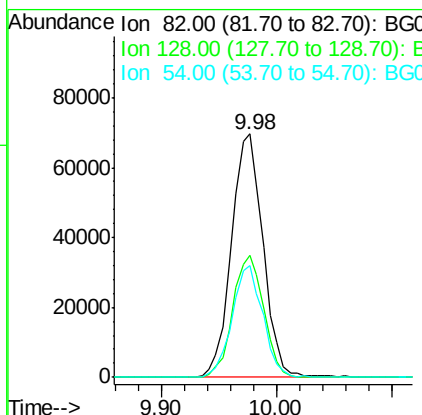
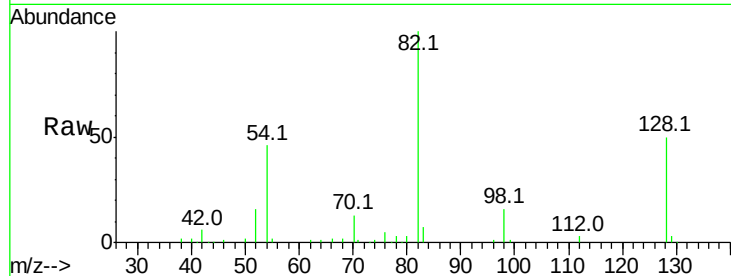




#23
 Nitrobenzene-d5
 Concen: 45.241 ng
 RT: 9.98 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BG031980.D
 Acq: 10 Jan 2018 17:15

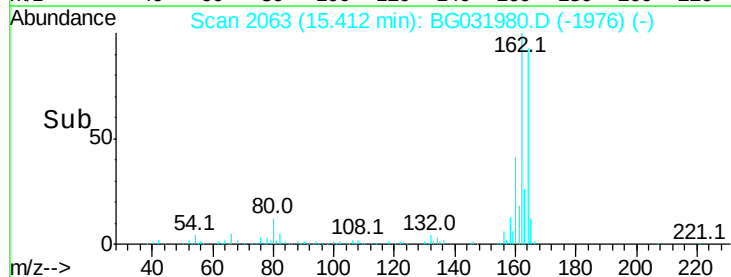
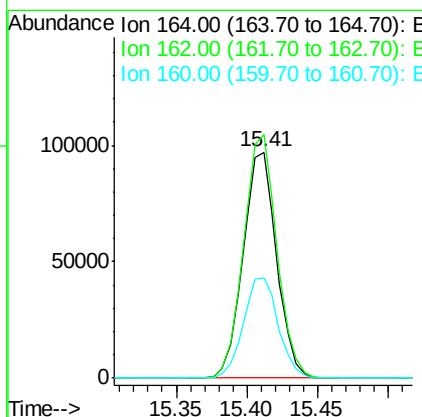
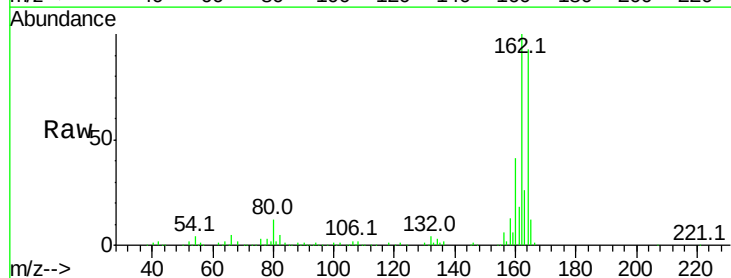
Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOILD

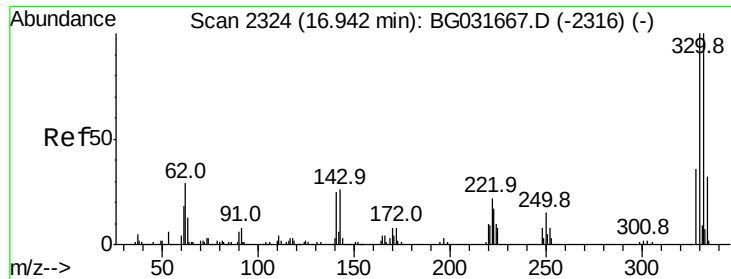
Tot Ion: 82 Resp: 131491
 Ion Ratio Lower Upper
 82 100
 128 50.1 29.7 44.5#
 54 45.7 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. -0.02 min
 Lab File: BG031980.D
 Acq: 10 Jan 2018 17:15

Tgt Ion:164 Resp: 160650
 Ion Ratio Lower Upper
 164 100
 162 107.7 78.8 118.2
 160 44.4 35.4 53.0

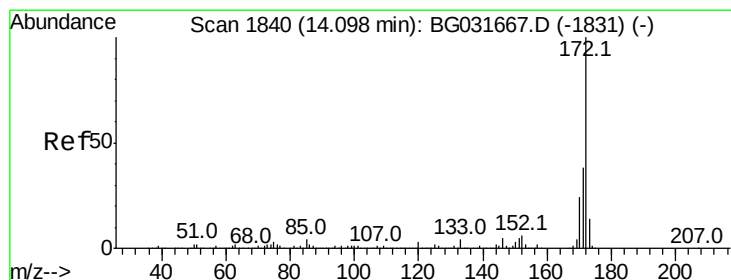
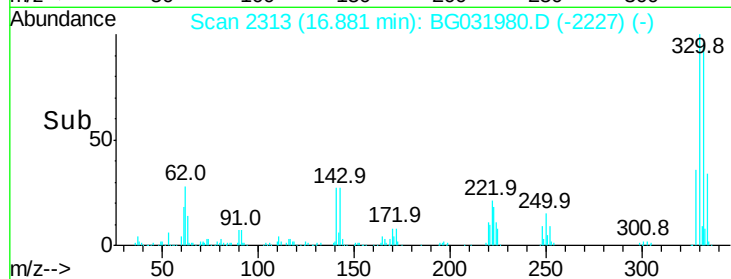
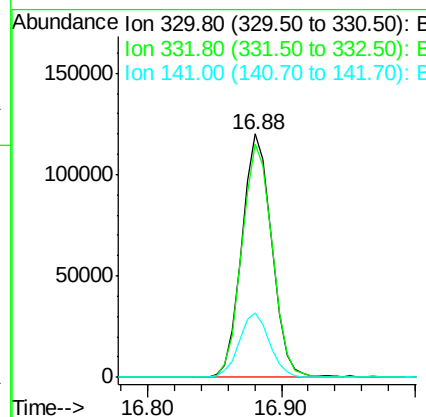
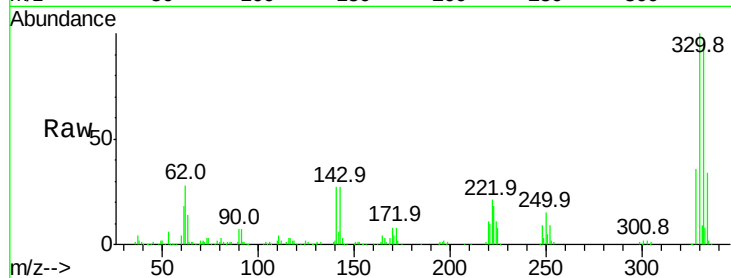




#41
 2,4,6-Tribromophenol
 Concen: 75.907 ng
 RT: 16.88 min Scan# 2313
 Delta R.T. -0.02 min
 Lab File: BG031980.D
 Acq: 10 Jan 2018 17:15

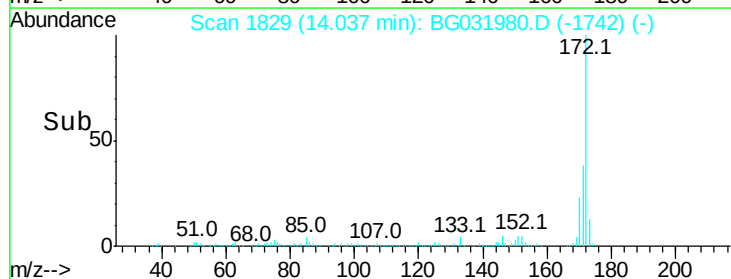
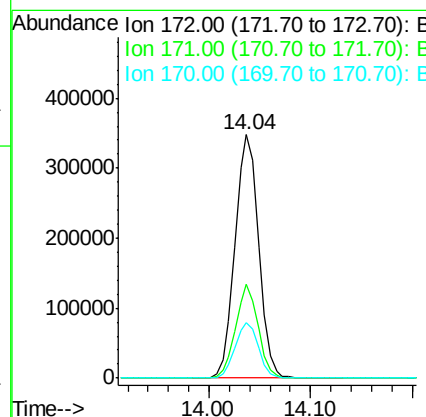
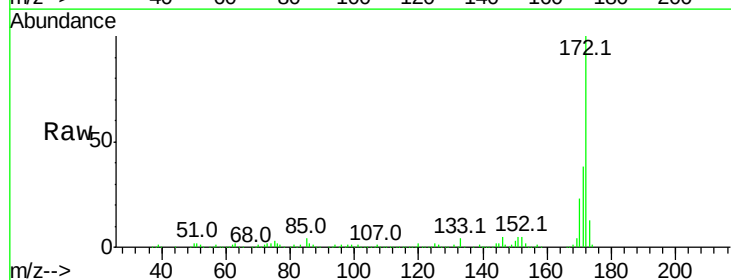
Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOILDL

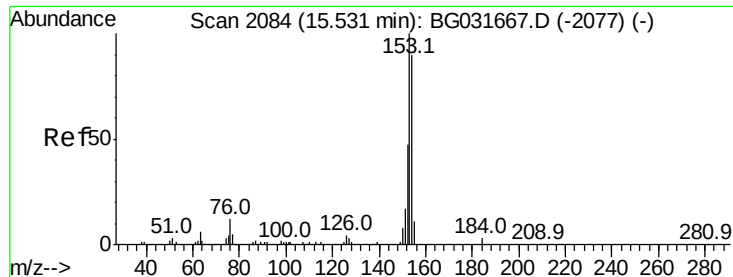
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	27.1	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 43.765 ng
 RT: 14.04 min Scan# 1829
 Delta R.T. -0.02 min
 Lab File: BG031980.D
 Acq: 10 Jan 2018 17:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	22.9	19.5	29.3





#51

Acenaphthene

Concen: 37.450 ng

RT: 15.48 min Scan# 2074

Delta R.T. -0.02 min

Lab File: BG031980.D

Acq: 10 Jan 2018 17:15

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOILD

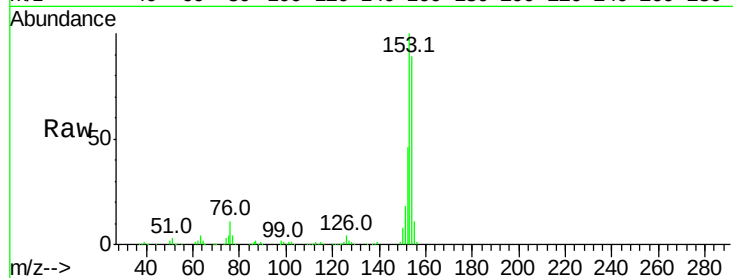
Tot Ion:154 Resp: 410664

Ion Ratio Lower Upper

154 100

153 112.8 90.4 135.6

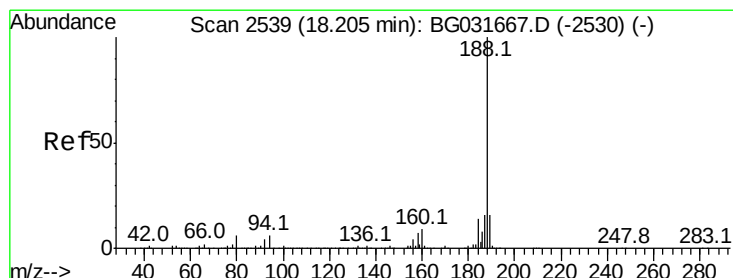
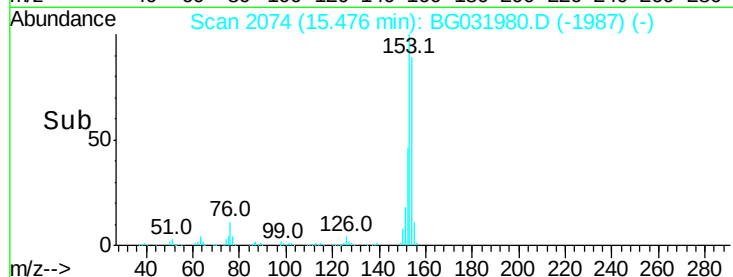
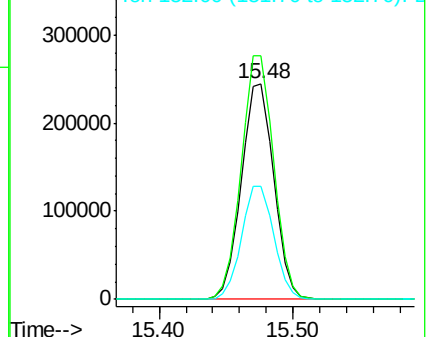
152 52.4 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.14 min Scan# 2527

Delta R.T. -0.02 min

Lab File: BG031980.D

Acq: 10 Jan 2018 17:15

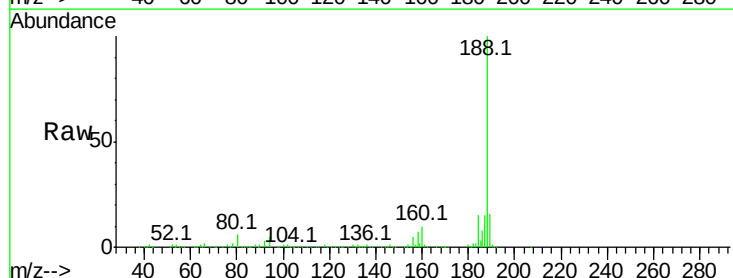
Tgt Ion:188 Resp: 392304

Ion Ratio Lower Upper

188 100

94 4.8 6.9 10.3#

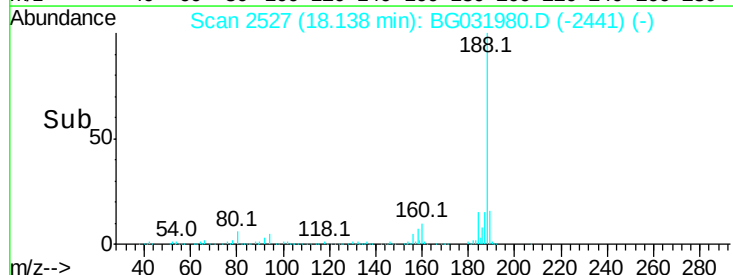
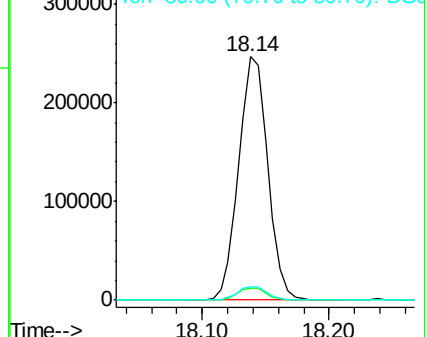
80 5.6 7.7 11.5#

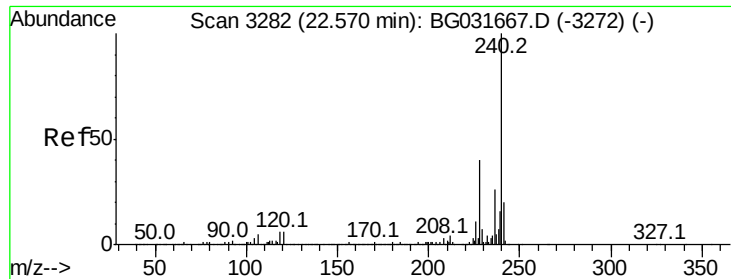


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.48 min Scan# 3266

Delta R.T. -0.04 min

Lab File: BG031980.D

Acq: 10 Jan 2018 17:15

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOILDL

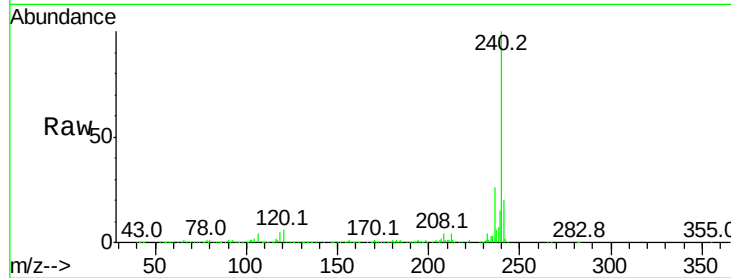
Tot Ion:240 Resp: 439940

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

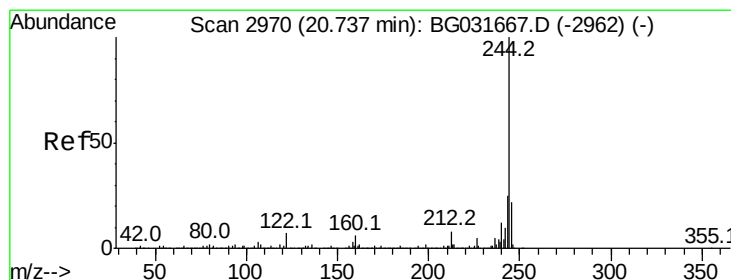
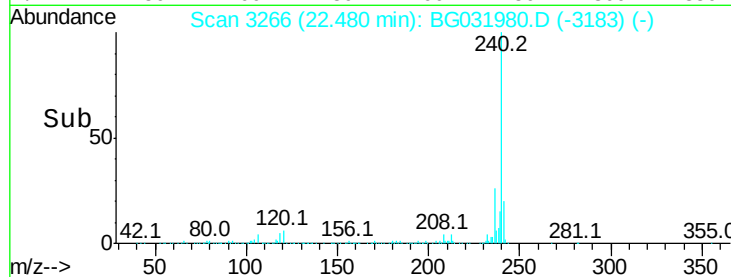
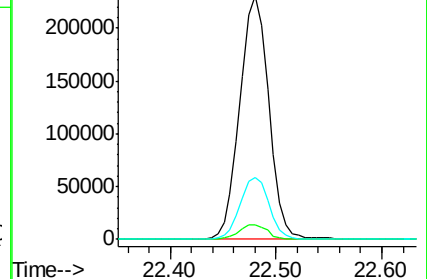
236 25.6 20.9 31.3



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: 56.677 ng

RT: 20.67 min Scan# 2958

Delta R.T. -0.03 min

Lab File: BG031980.D

Acq: 10 Jan 2018 17:15

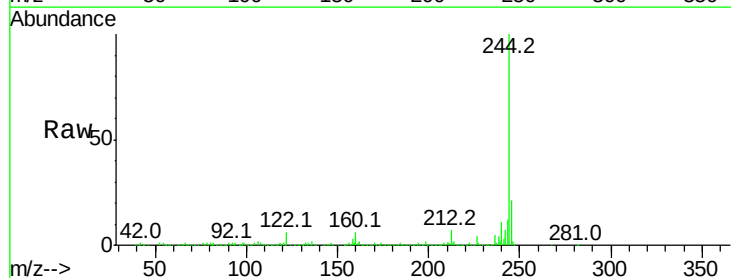
Tgt Ion:244 Resp: 1091400

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

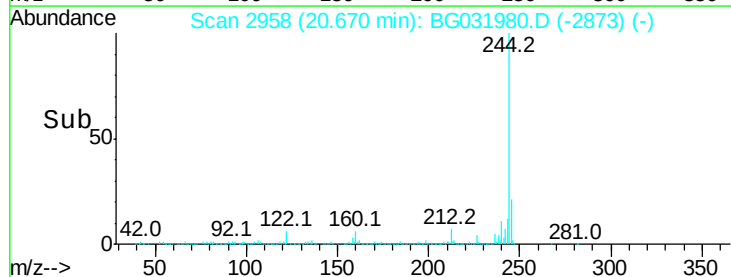
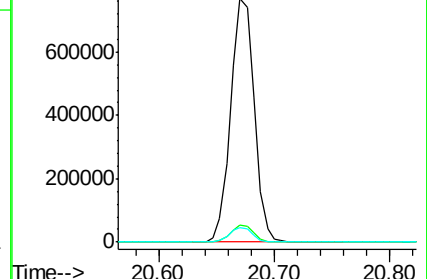
122 6.1 7.0 10.4#

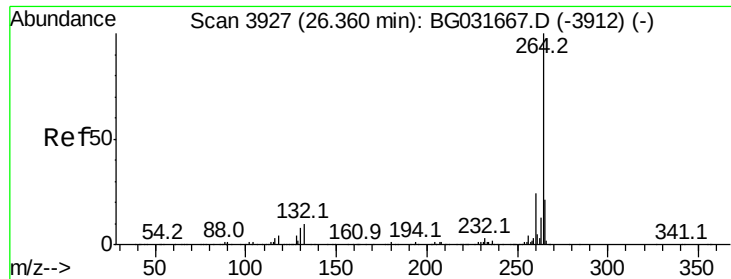


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

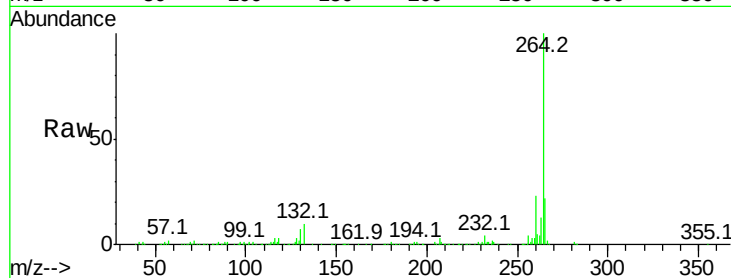




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.20 min Scan# 3900
 Delta R.T. -0.09 min
 Lab File: BG031980.D
 Acq: 10 Jan 2018 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOILDL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	22.1	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

