

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030967.D
 Acq On : 12 Nov 2017 6:13
 Operator : SJ/JU
 Sample : I6301-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 13 03:27:39 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	44905	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	186534	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	126908	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	352554	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	451784	20.00	ng	0.00
86) Perylene-d12	25.08	264	448402	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	340814	130.14	ng	0.00
7) Phenol-d6	7.31	99	391241	110.90	ng	0.00
23) Nitrobenzene-d5	9.31	82	298080	94.69	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	324121	157.88	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	865602	98.01	ng	-0.02
78) Terphenyl-d14	20.09	244	1819514	88.93	ng	0.00

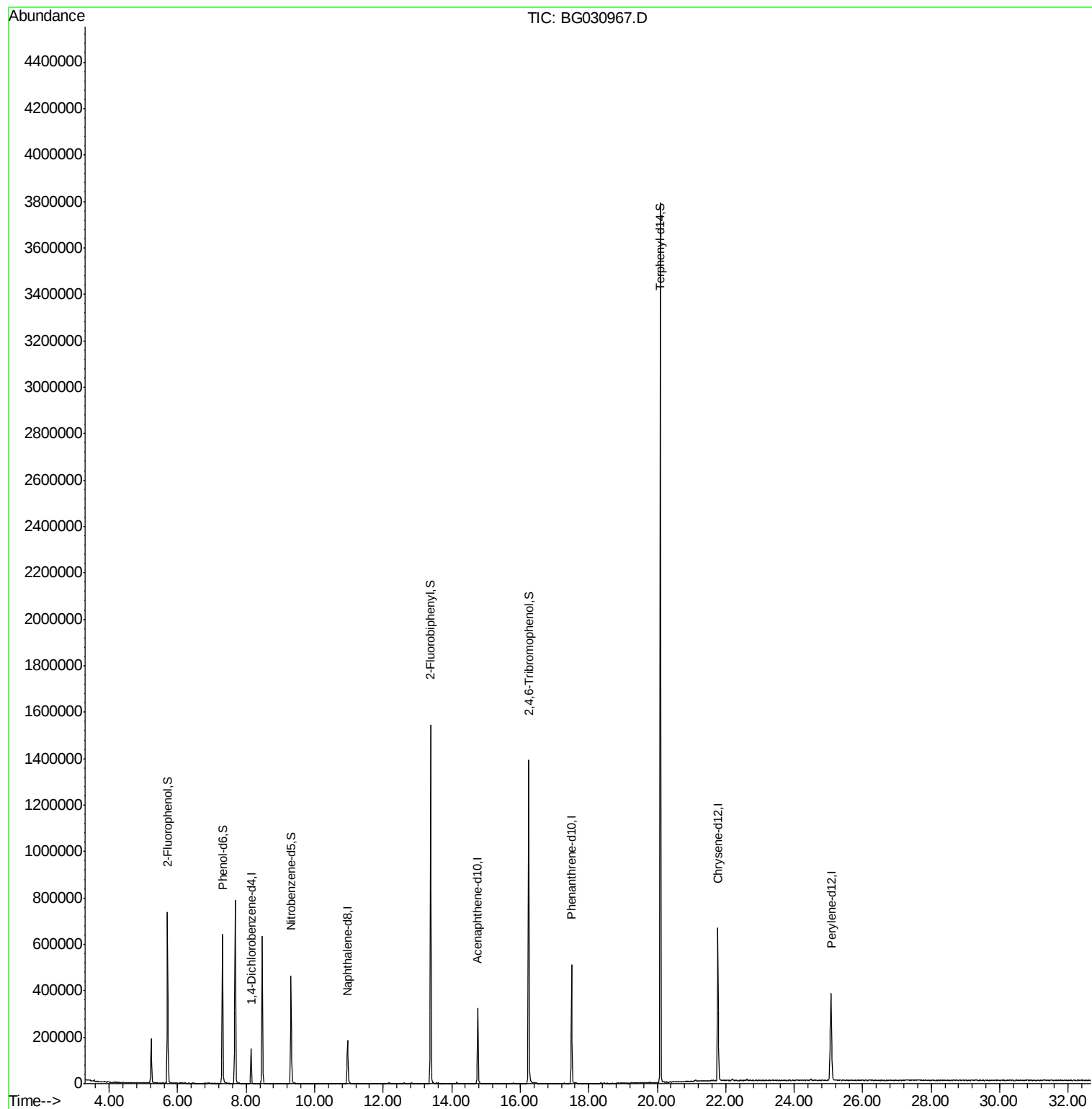
Target Compounds Qvalue

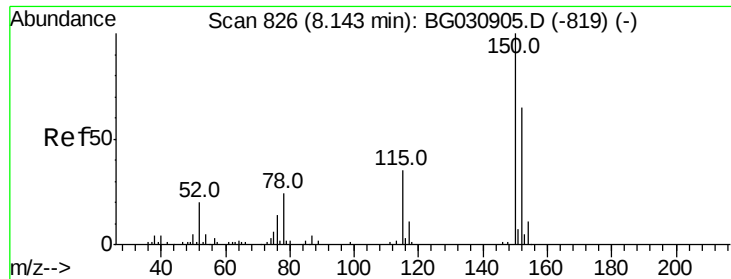
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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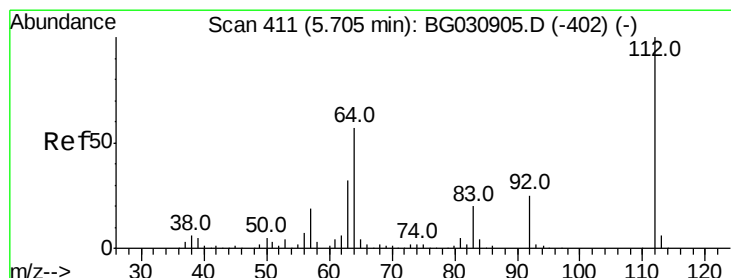
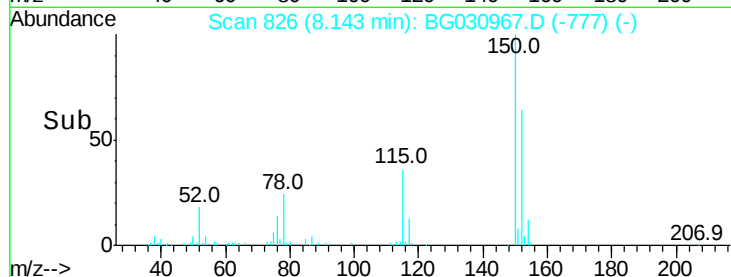
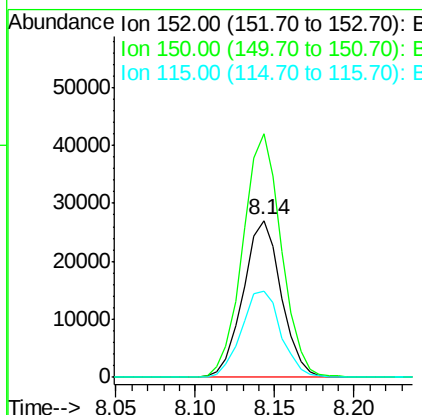
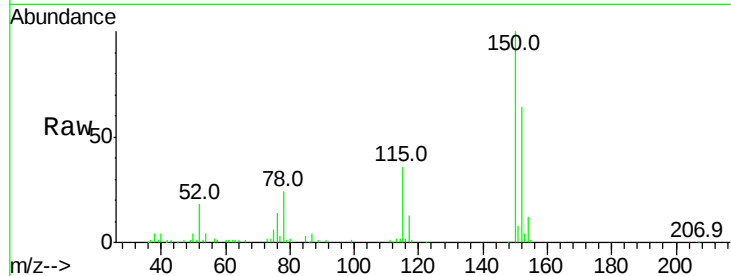


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030967.D
Acq: 12 Nov 2017 6:13

Instrument :
BNA_G
ClientSampleId :

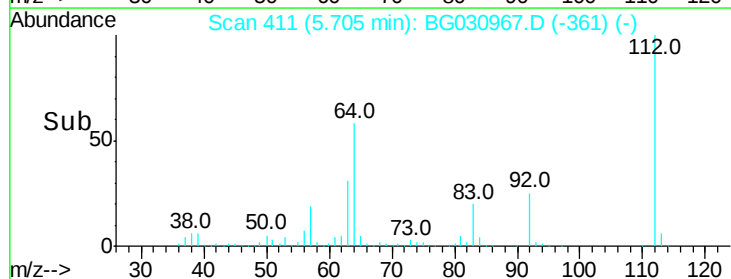
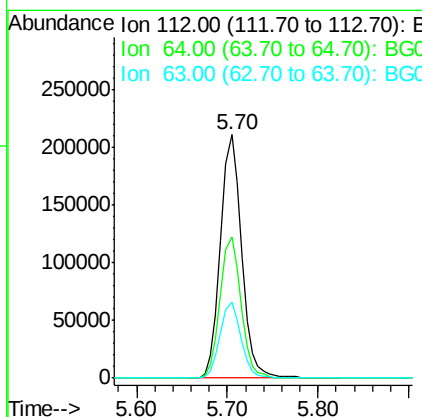
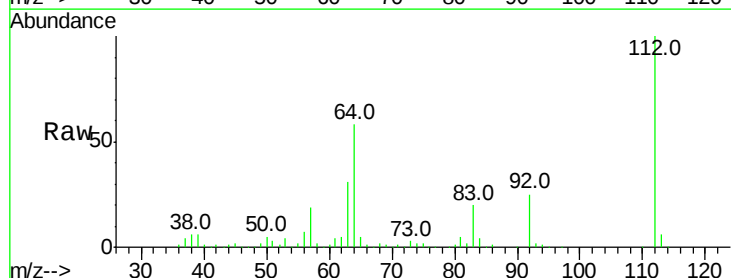
Tot Ion:152 Resp: 44905
Ion Ratio Lower Upper
152 100
150 155.1 126.6 189.8
115 55.2 53.0 79.4

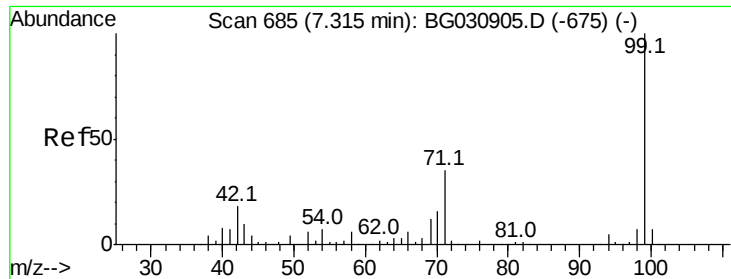


#5

2-Fluorophenol
Concen: 130.145 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030967.D
Acq: 12 Nov 2017 6:13

Tgt Ion:112 Resp: 340814
Ion Ratio Lower Upper
112 100
64 57.9 56.3 84.5
63 31.4 30.1 45.1





#7

Phenol-d6

Concen: 110.896 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030967.D

Acq: 12 Nov 2017 6:13

Instrument :

BNA_G

ClientSampled :

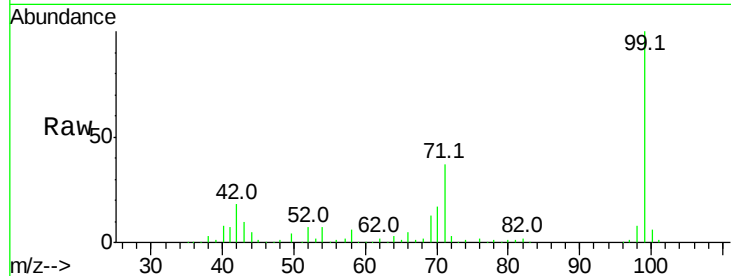
Tot Ion: 99 Resp: 391241

Ion Ratio Lower Upper

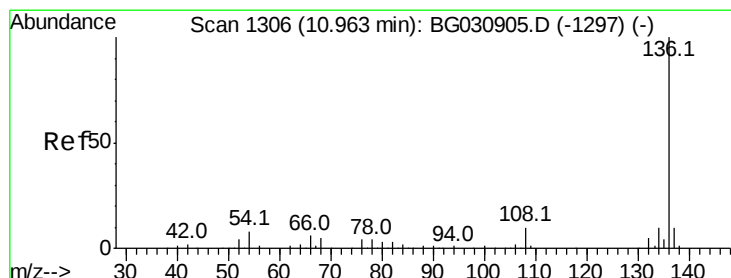
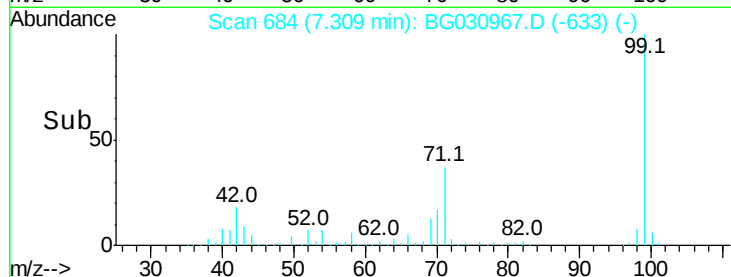
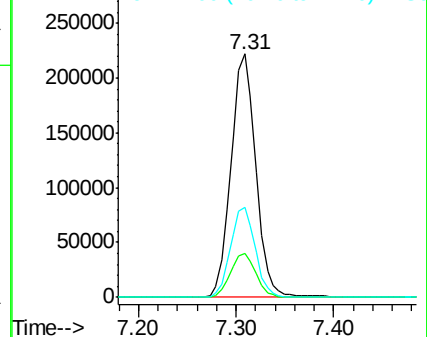
99 100

42 18.0 14.1 21.1

71 36.9 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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030967.D

Acq: 12 Nov 2017 6:13

Tgt Ion: 136 Resp: 186534

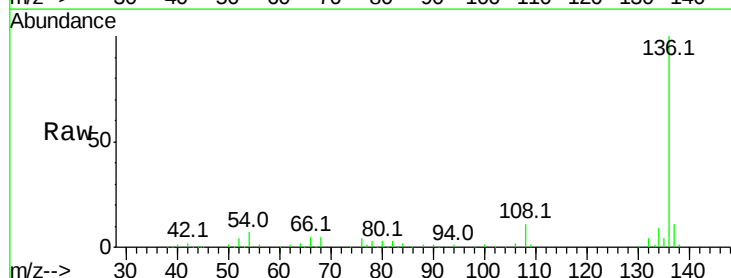
Ion Ratio Lower Upper

136 100

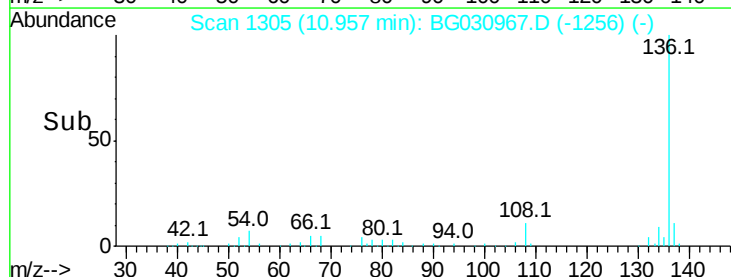
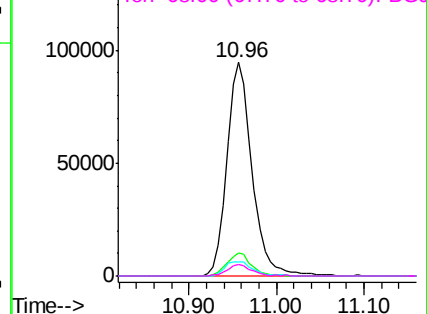
137 11.0 9.2 13.8

54 6.8 10.3 15.5#

68 5.3 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

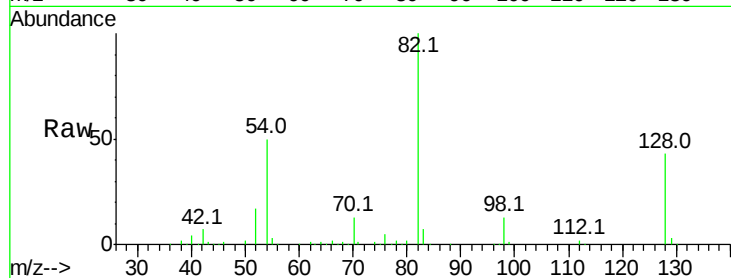




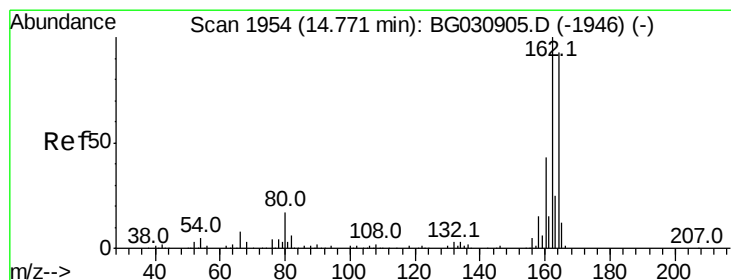
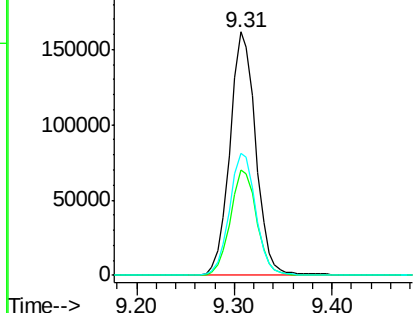
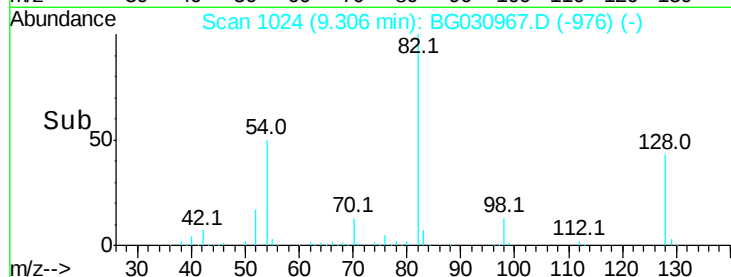
#23
Nitrobenzene-d5
Concen: 94.691 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG030967.D
Acq: 12 Nov 2017 6:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	29.7	44.5
54	50.0	43.1	64.7

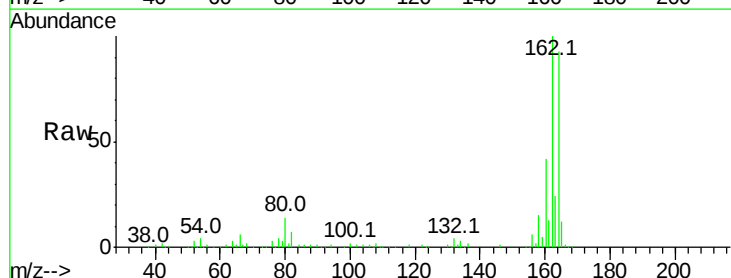


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

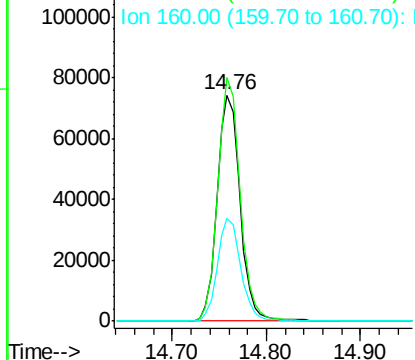
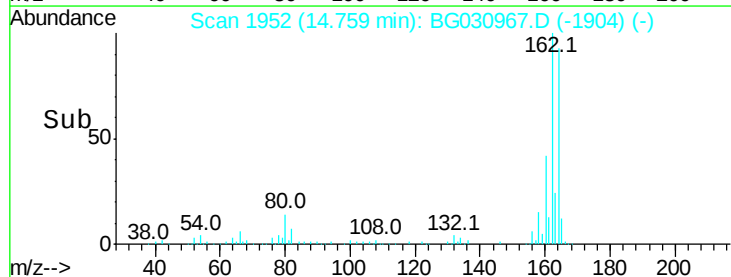


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG030967.D
Acq: 12 Nov 2017 6:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.8	78.8	118.2
160	45.3	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

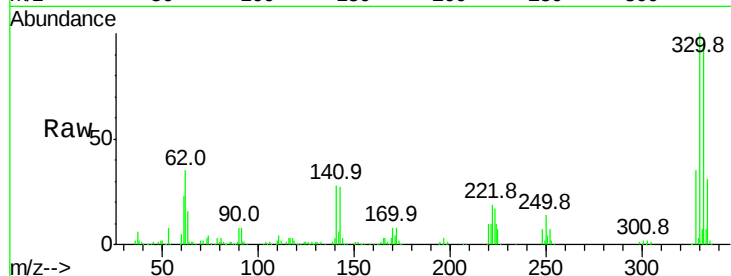




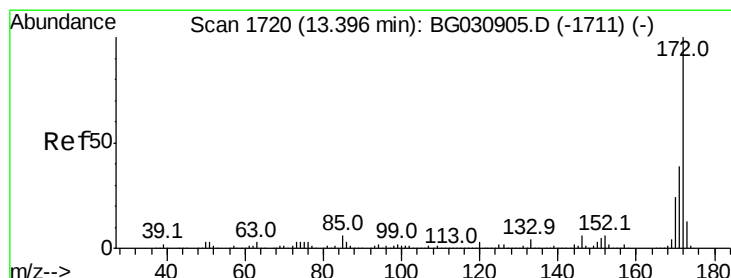
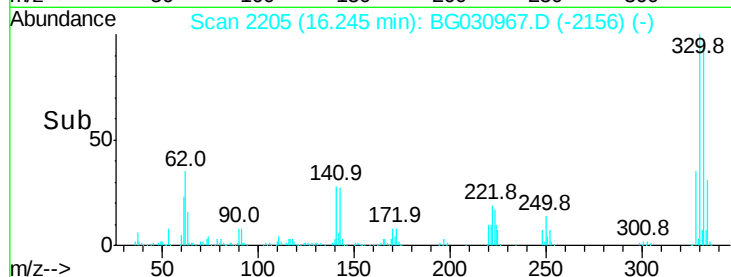
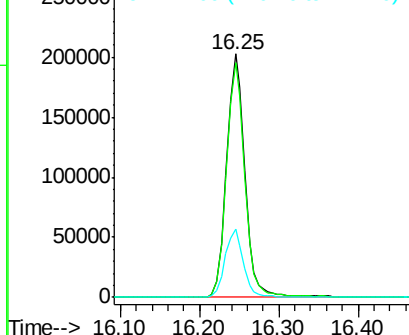
#41
 2,4,6-Tribromophenol
 Concen: 157.880 ng
 RT: 16.25 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030967.D
 Acq: 12 Nov 2017 6:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 324121
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 27.9 25.2 37.8

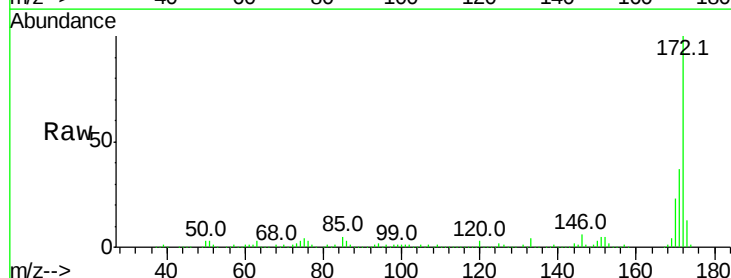


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

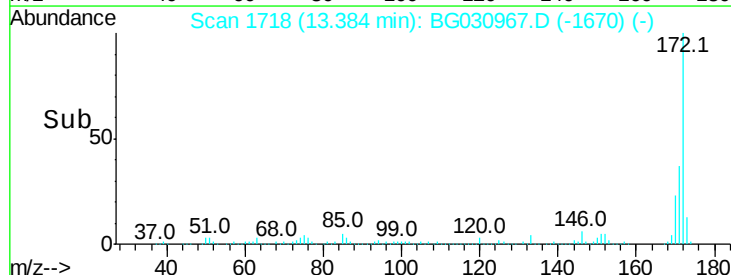
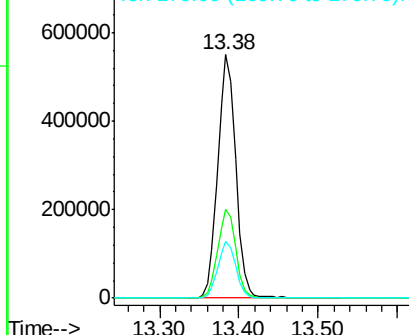


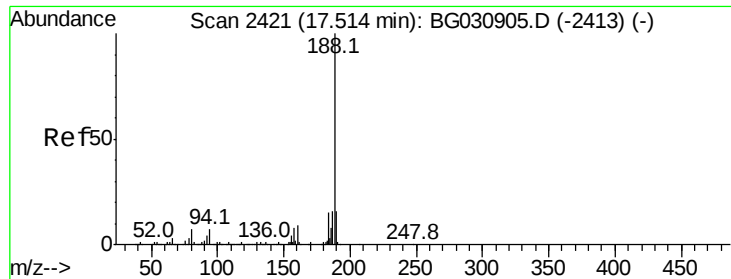
#44
 2-Fluorobiphenyl
 Concen: 98.006 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030967.D
 Acq: 12 Nov 2017 6:13

Tgt Ion:172 Resp: 865602
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.0 45.0
 170 23.3 19.5 29.3



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG030967.D

Acq: 12 Nov 2017 6:13

Instrument :

BNA_G

ClientSampleId :

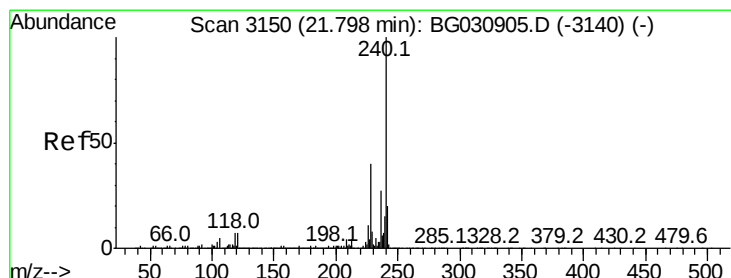
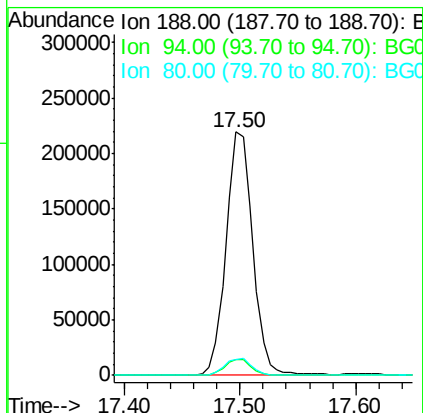
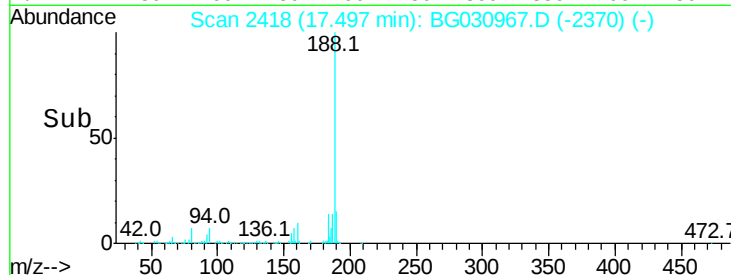
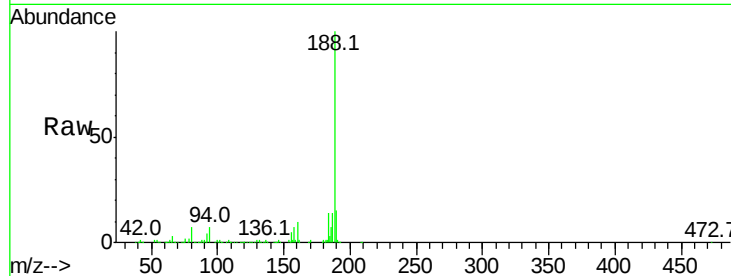
Tot Ion:188 Resp: 352554

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

80 6.6 7.7 11.5#



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030967.D

Acq: 12 Nov 2017 6:13

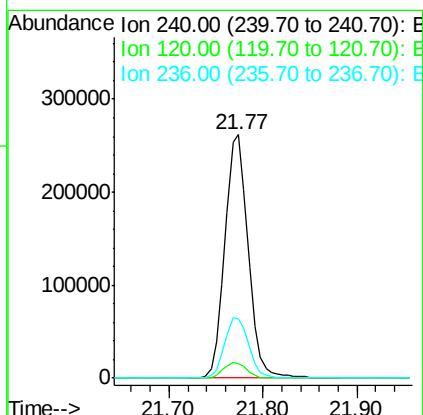
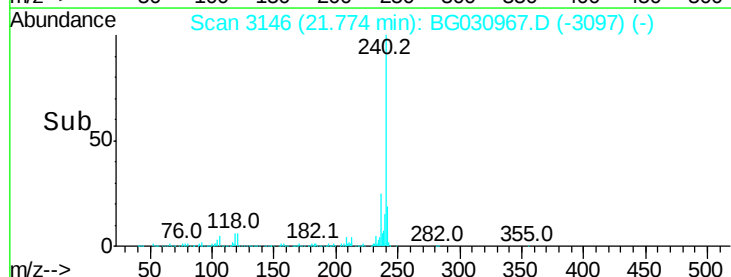
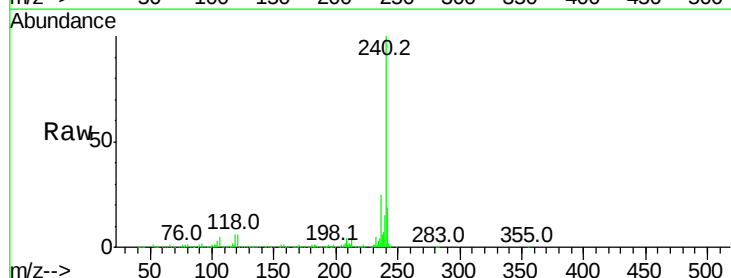
Tgt Ion:240 Resp: 451784

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

236 24.5 20.9 31.3





#78

Terphenyl-d14

Concen: 88.928 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG030967.D

Acq: 12 Nov 2017 6:13

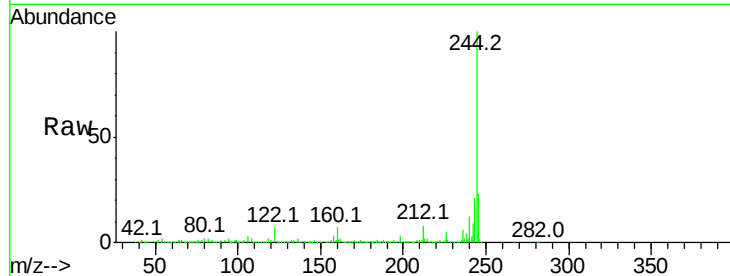
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1819514

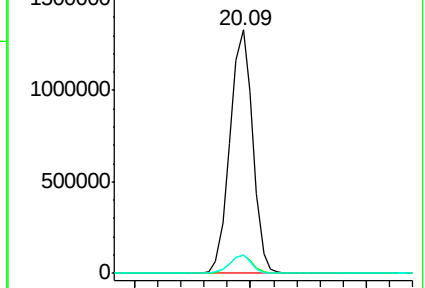
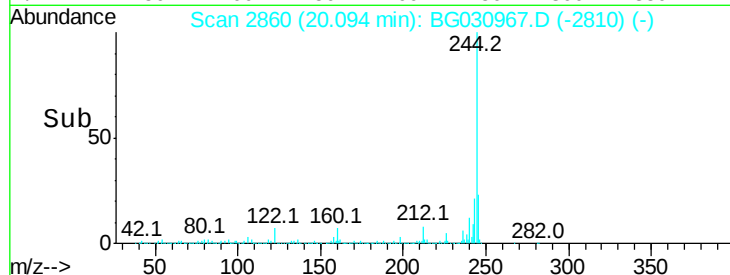
Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	7.3	7.0	10.4



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



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3708

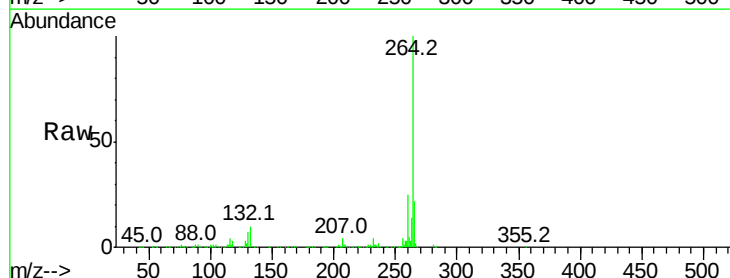
Delta R.T. -0.02 min

Lab File: BG030967.D

Acq: 12 Nov 2017 6:13

Tgt Ion:264 Resp: 448402

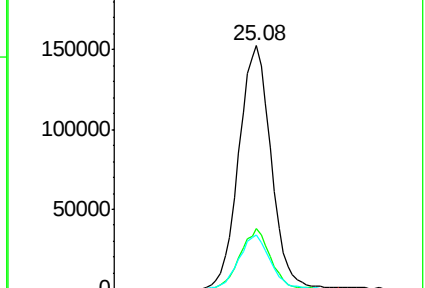
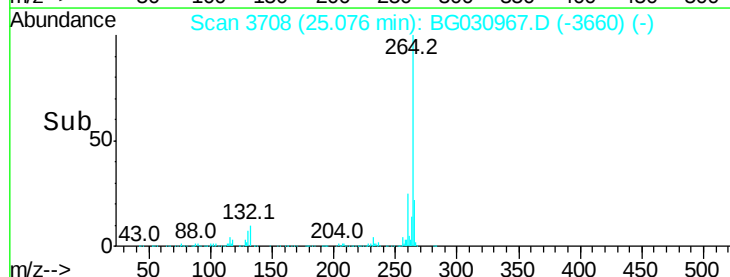
Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	22.4	17.7	26.5



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



Time-->