

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111317\
 Data File : BG030985.D
 Acq On : 13 Nov 2017 22:39
 Operator : SJ/JU
 Sample : I6441-31
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Quant Time: Nov 14 04:58:19 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

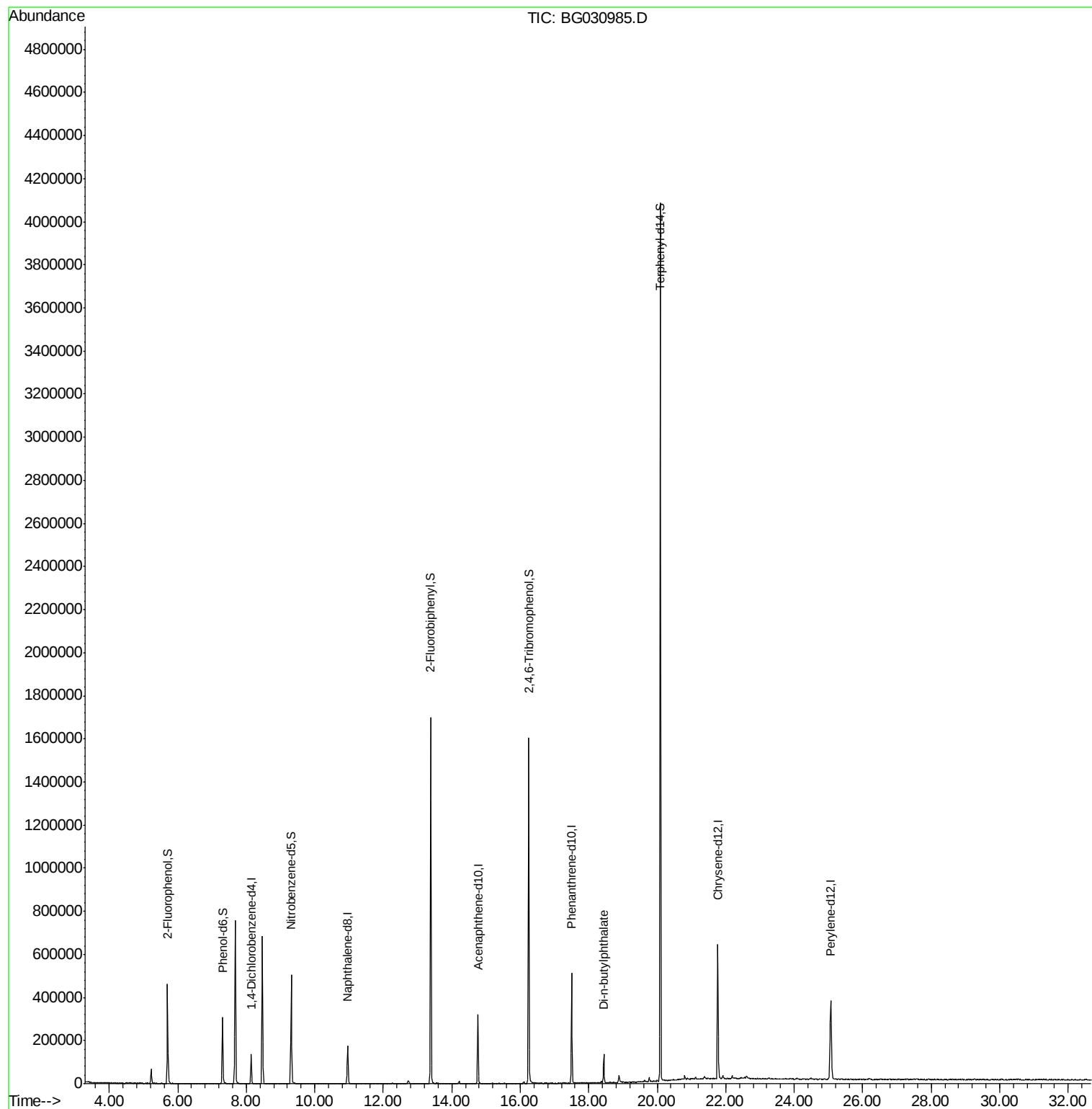
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	41908	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	174430	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	122202	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	332818	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	419398	20.00	ng	-0.02
86) Perylene-d12	25.07	264	415422	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	219126	89.66	ng	0.00
7) Phenol-d6	7.31	99	190044	57.72	ng	0.00
23) Nitrobenzene-d5	9.31	82	325692	110.64	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	373776	189.08	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	960093	112.89	ng	-0.01
78) Terphenyl-d14	20.09	244	1918814	101.02	ng	0.00
Target Compounds						
73) Di-n-butylphthalate	18.44	149	103659	5.189	ng	Qvalue 99

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

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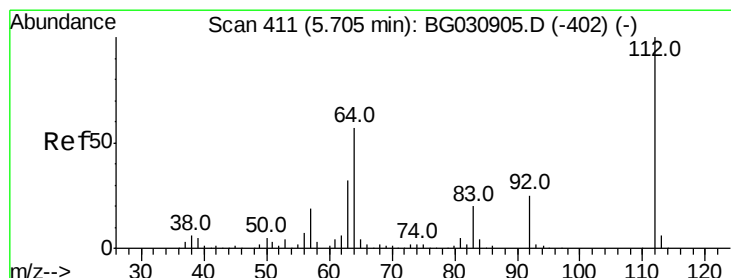
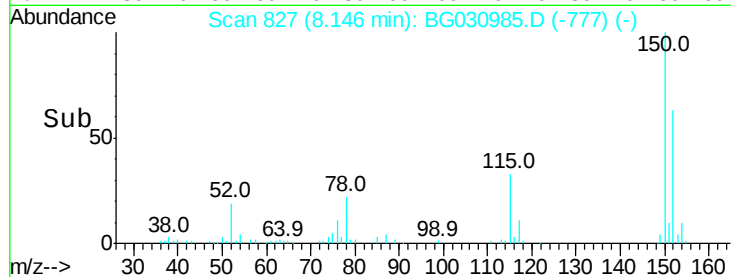
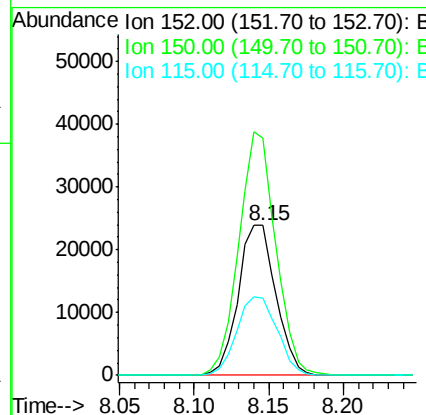
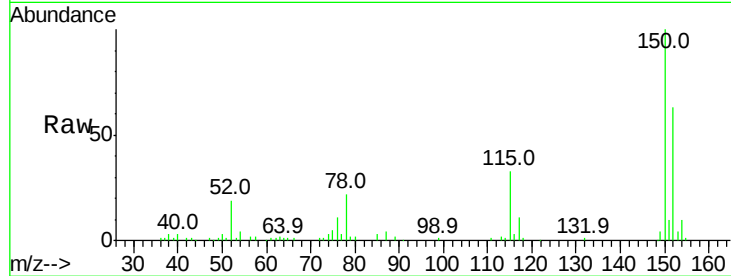


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.15 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG030985.D
 Acq: 13 Nov 2017 22:39

Instrument :
 BNA_G
 ClientSampled :
 TP-8

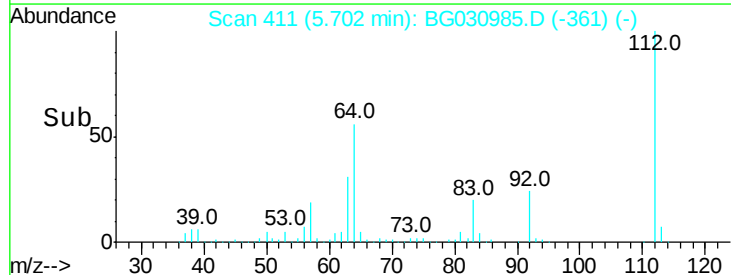
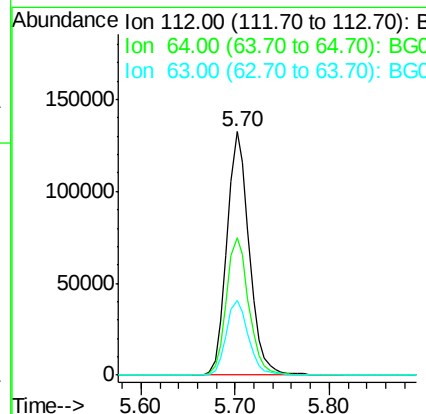
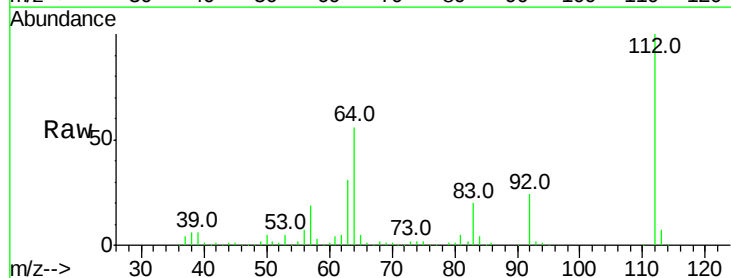
Tot Ion:152 Resp: 41908
 Ion Ratio Lower Upper
 152 100
 150 158.1 126.6 189.8
 115 51.9 53.0 79.4#

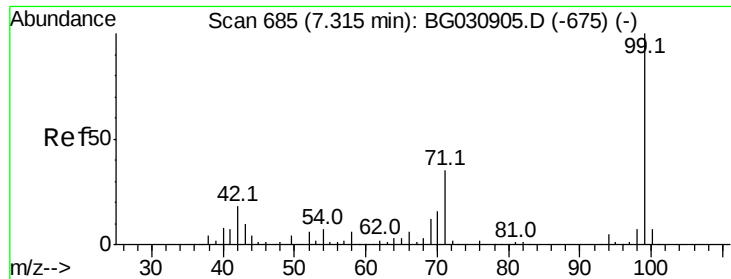


#5

2-Fluorophenol
 Concen: 89.660 ng
 RT: 5.70 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BG030985.D
 Acq: 13 Nov 2017 22:39

Tgt Ion:112 Resp: 219126
 Ion Ratio Lower Upper
 112 100
 64 56.3 56.3 84.5
 63 30.9 30.1 45.1





#7

Phenol-d6

Concen: 57.720 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030985.D

Acq: 13 Nov 2017 22:39

Instrument :

BNA_G

ClientSampleId :

TP-8

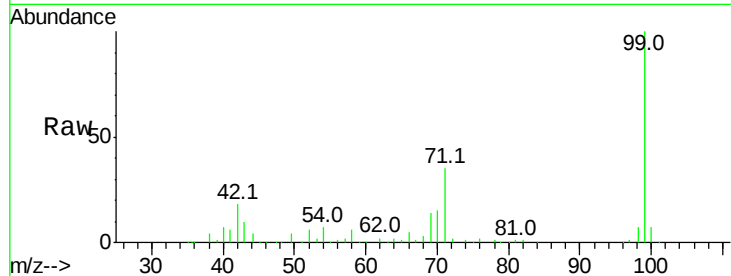
Tot Ion: 99 Resp: 190044

Ion Ratio Lower Upper

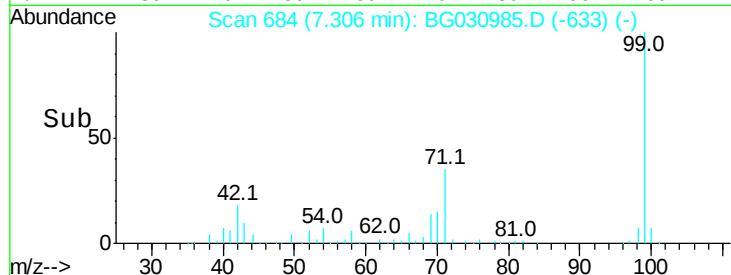
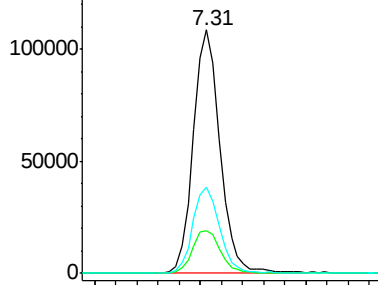
99 100

42 17.7 14.1 21.1

71 35.3 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# 1306

Delta R.T. -0.01 min

Lab File: BG030985.D

Acq: 13 Nov 2017 22:39

Tgt Ion: 136 Resp: 174430

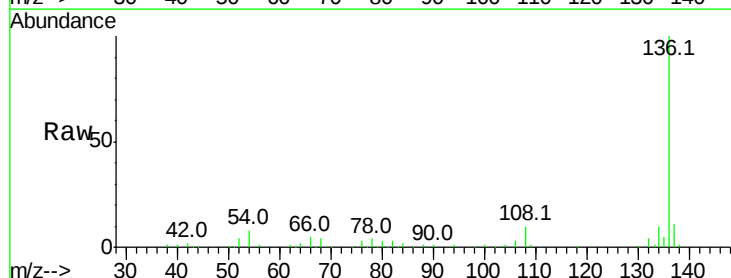
Ion Ratio Lower Upper

136 100

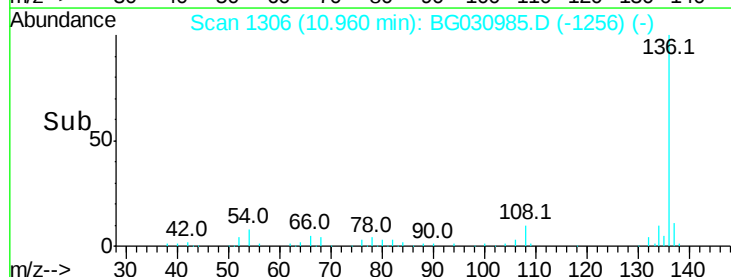
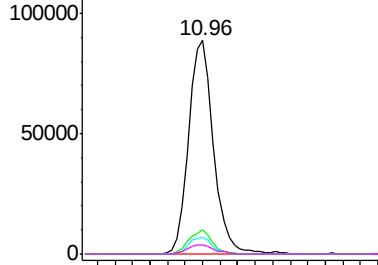
137 11.5 9.2 13.8

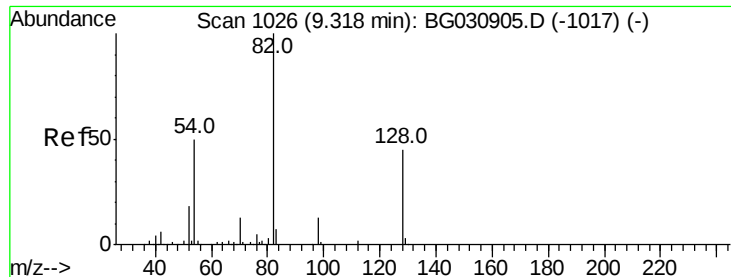
54 7.8 10.3 15.5#

68 4.2 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

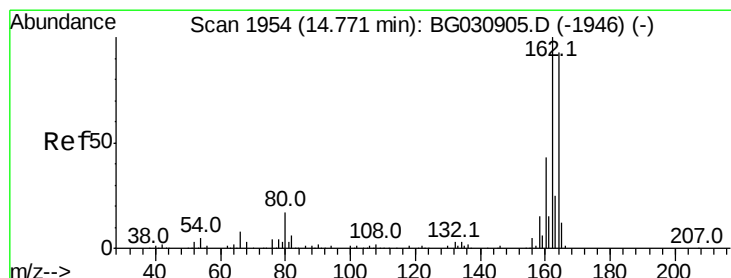
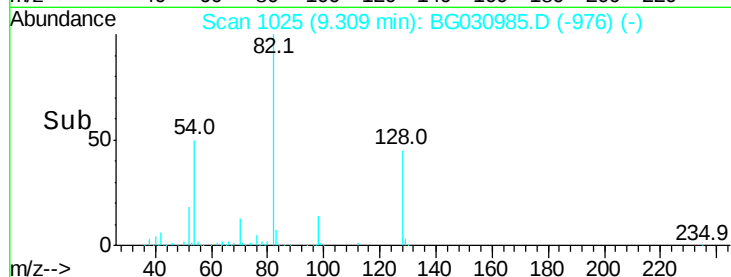
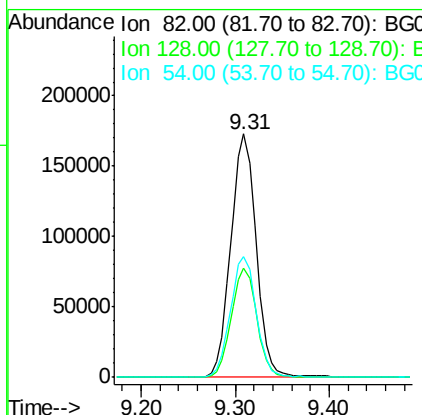
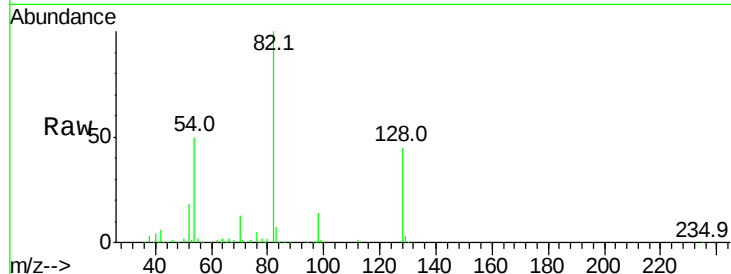




#23
Nitrobenzene-d5
Concen: 110.642 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030985.D
Acq: 13 Nov 2017 22:39

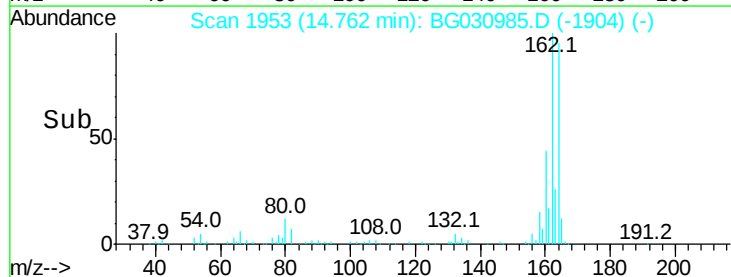
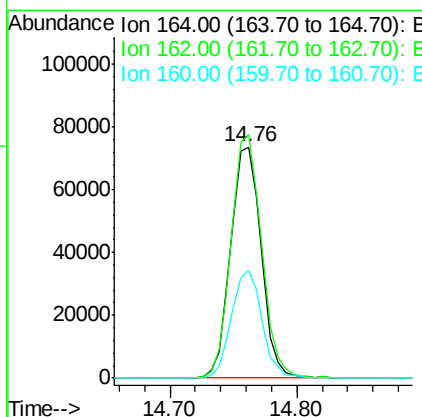
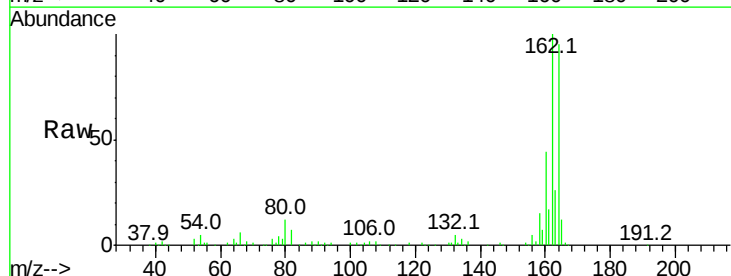
Instrument :
BNA_G
ClientSampleId :
TP-8

Tot Ion: 82 Resp: 325692
Ion Ratio Lower Upper
82 100
128 45.1 29.7 44.5#
54 49.7 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG030985.D
Acq: 13 Nov 2017 22:39

Tgt Ion:164 Resp: 122202
Ion Ratio Lower Upper
164 100
162 105.4 78.8 118.2
160 46.8 35.4 53.0

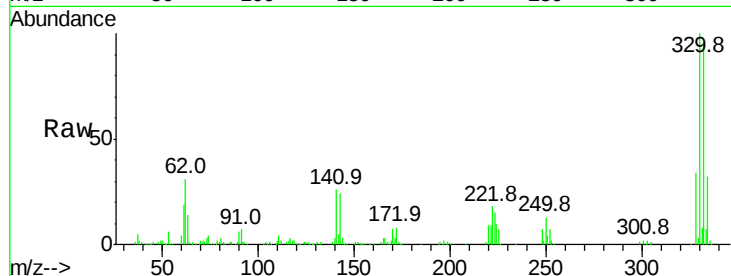




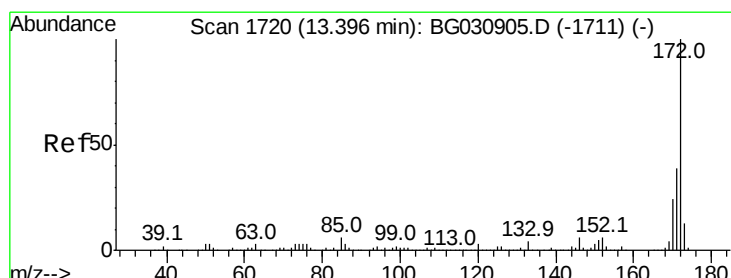
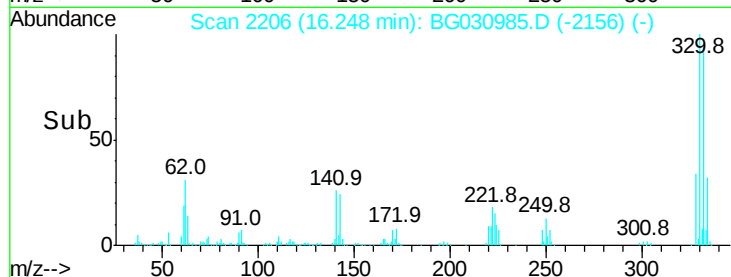
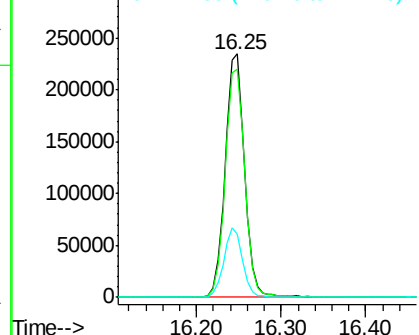
#41
 2,4,6-Tribromophenol
 Concen: 189.078 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030985.D
 Acq: 13 Nov 2017 22:39

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	27.8	25.2	37.8

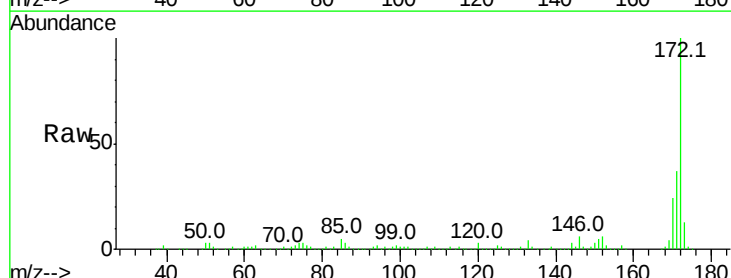


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

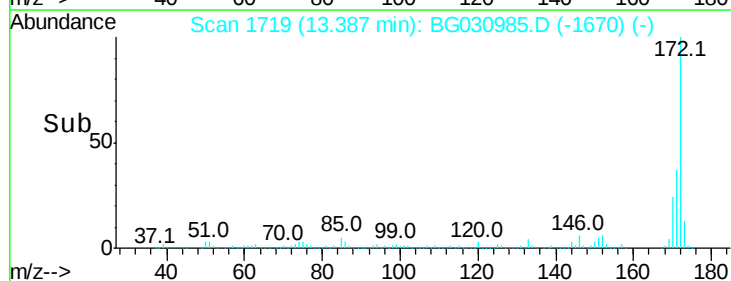
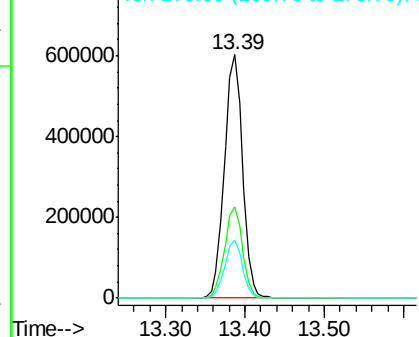


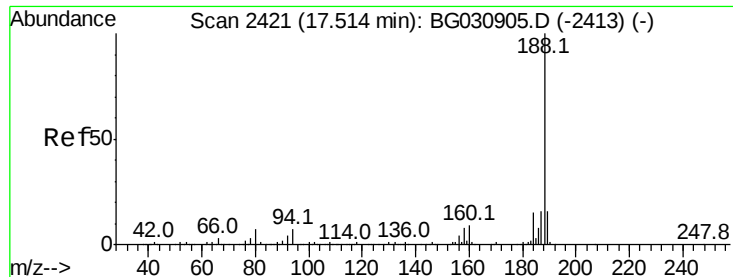
#44
 2-Fluorobiphenyl
 Concen: 112.891 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030985.D
 Acq: 13 Nov 2017 22:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.6	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# 2419

Delta R.T. -0.01 min

Lab File: BG030985.D

Acq: 13 Nov 2017 22:39

Instrument :

BNA_G

ClientSampled :

TP-8

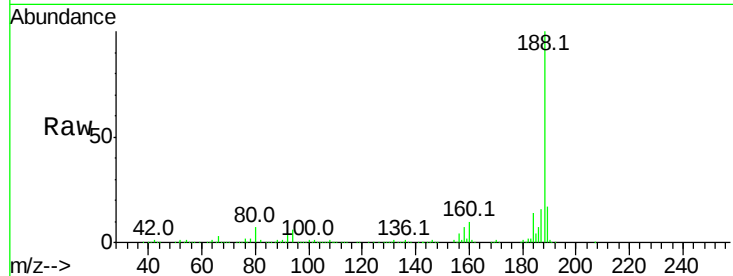
Tot Ion:188 Resp: 332818

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

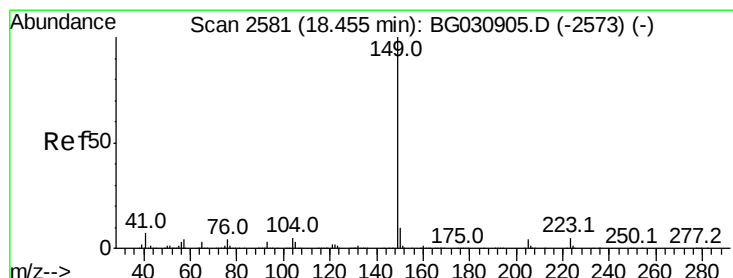
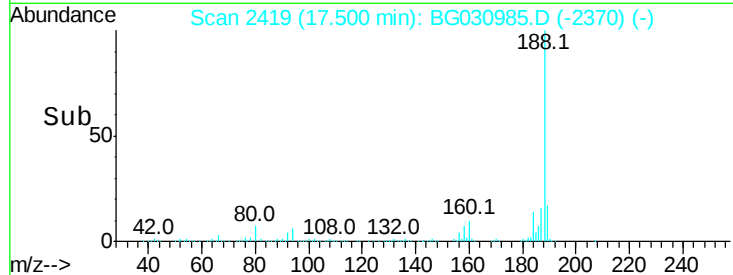
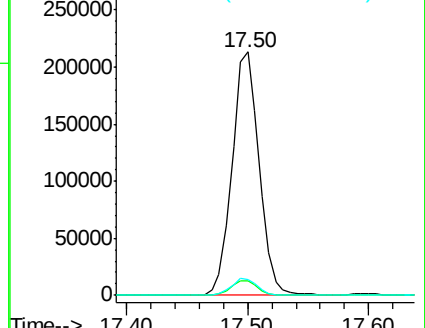
80 6.7 7.7 11.5#



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



#73

Di-n-butylphthalate

Concen: 5.189 ng

RT: 18.44 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BG030985.D

Acq: 13 Nov 2017 22:39

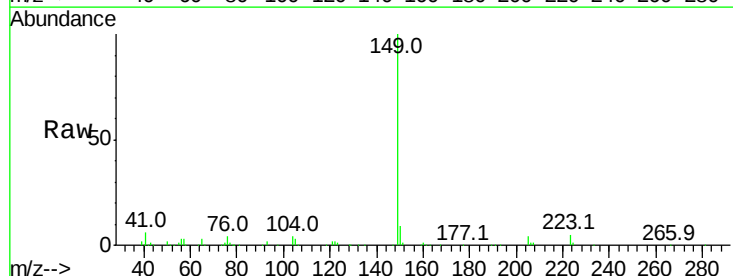
Tgt Ion:149 Resp: 103659

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

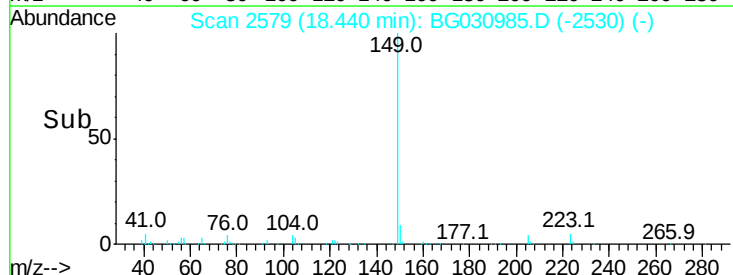
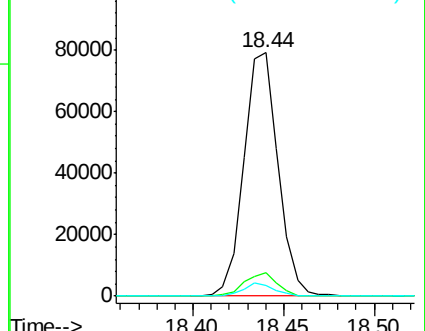
104 4.4 3.9 5.9

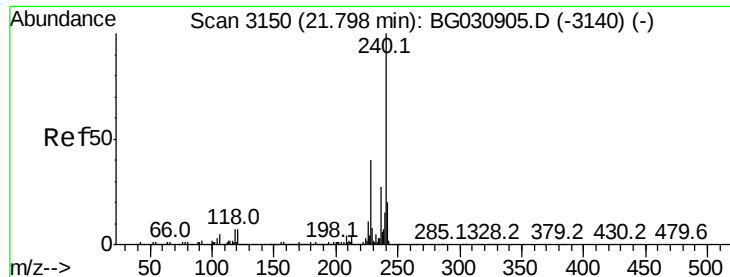


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG030985.D

Acq: 13 Nov 2017 22:39

Instrument :

BNA_G

ClientSampleId :

TP-8

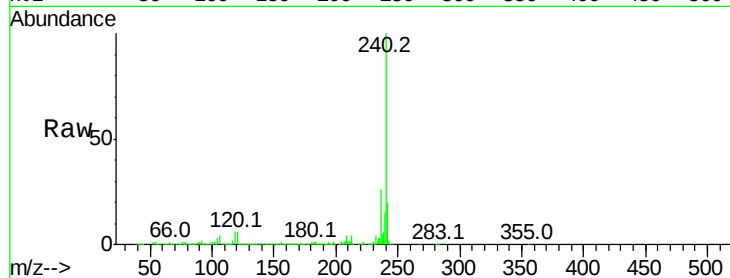
Tot Ion:240 Resp: 419398

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

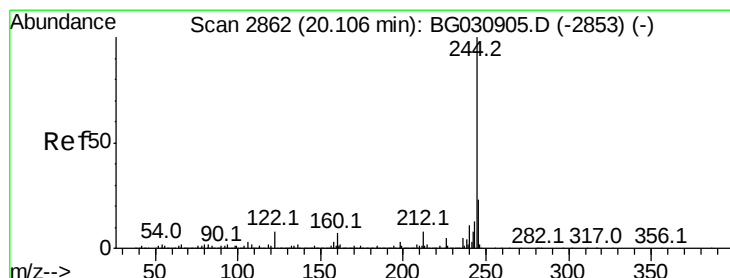
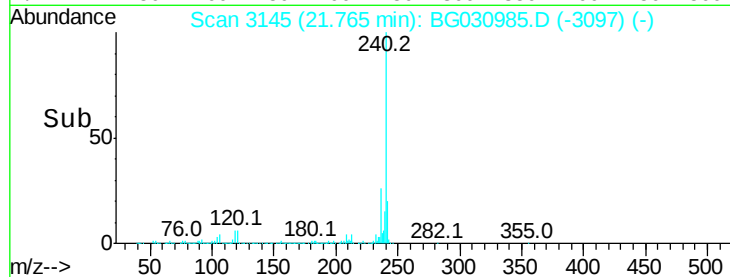
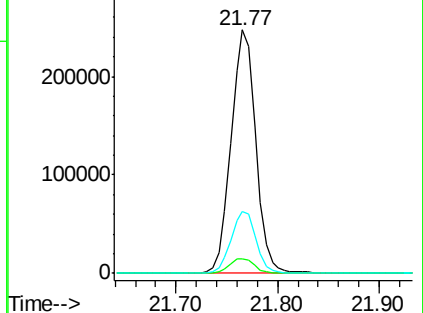
236 25.6 20.9 31.3



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: 101.024 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030985.D

Acq: 13 Nov 2017 22:39

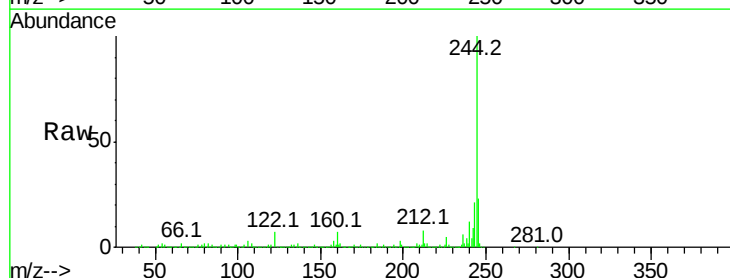
Tgt Ion:244 Resp: 1918814

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

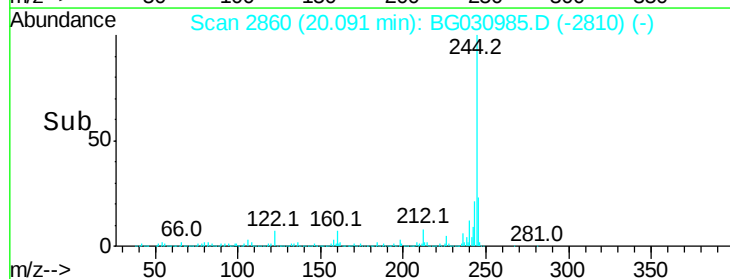
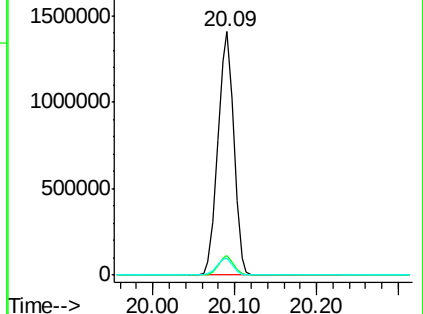
122 7.2 7.0 10.4

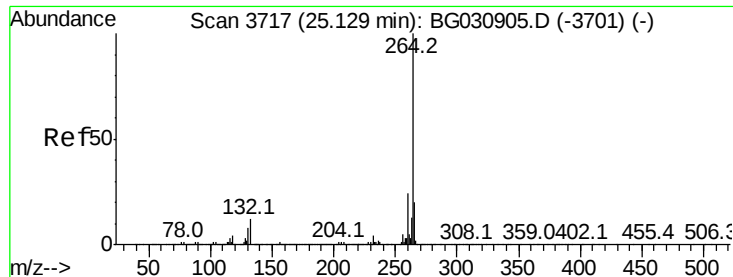


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.07 min Scan# 3707
 Delta R.T. -0.02 min
 Lab File: BG030985.D
 Acq: 13 Nov 2017 22:39

Instrument :
 BNA_G
 ClientSampleId :
 TP-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.6	17.7	26.5

