

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033605.D
 Acq On : 5 Apr 2018 22:56
 Operator : SJ/JU
 Sample : J2265-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PF-7

Quant Time: Apr 06 03:54:57 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

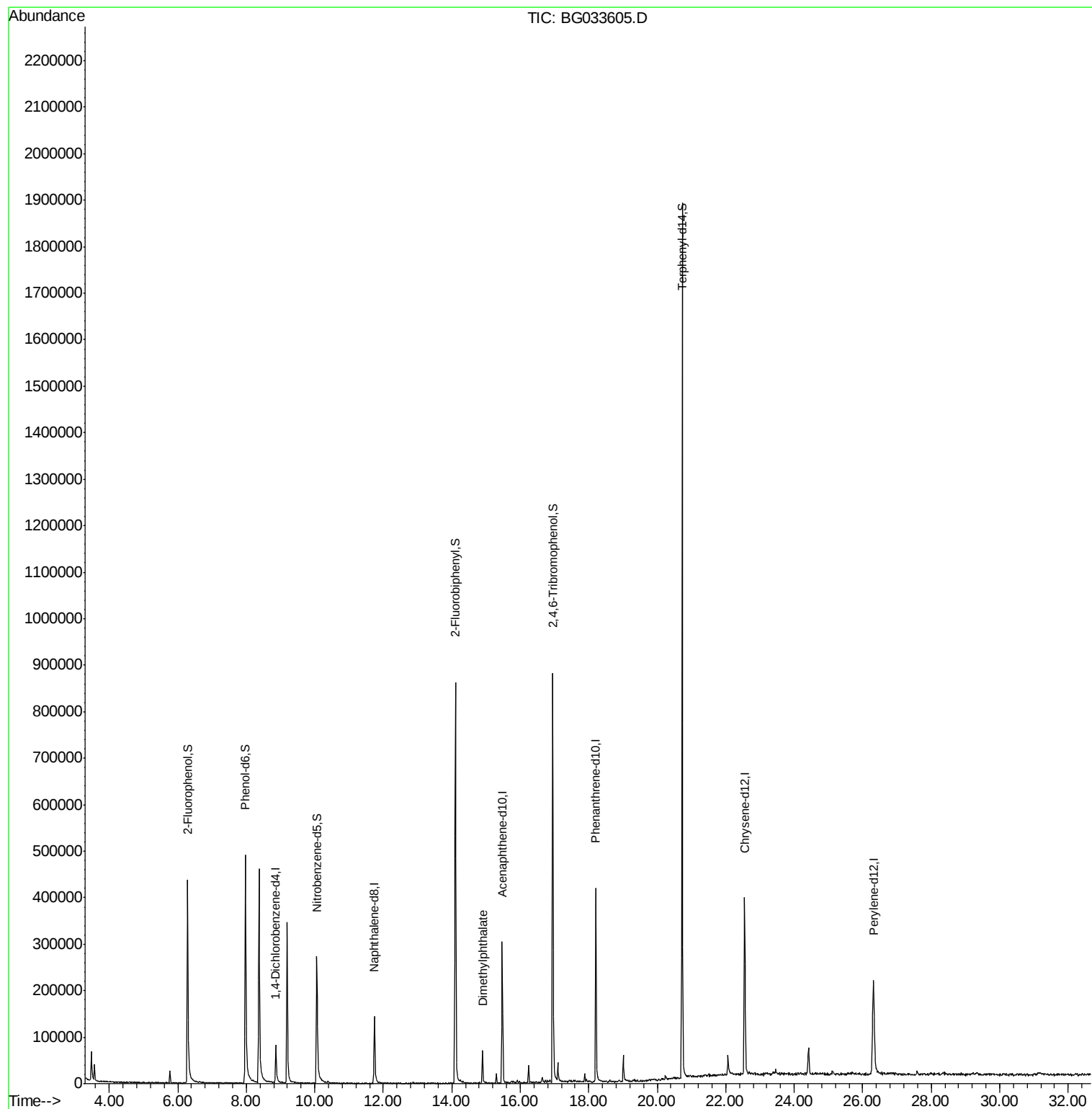
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	30384	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	138808	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	115743	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	292879	20.00	ng	0.00
75) Chrysene-d12	22.55	240	294901	20.00	ng	0.00
86) Perylene-d12	26.32	264	304241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	216657	133.71	ng	0.00
7) Phenol-d6	7.97	99	364066	130.76	ng	0.00
23) Nitrobenzene-d5	10.06	82	231060	76.48	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	168303	97.22	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	522903	65.22	ng	0.00
78) Terphenyl-d14	20.73	244	954086	69.19	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.90	163	49769	4.941	ng	99

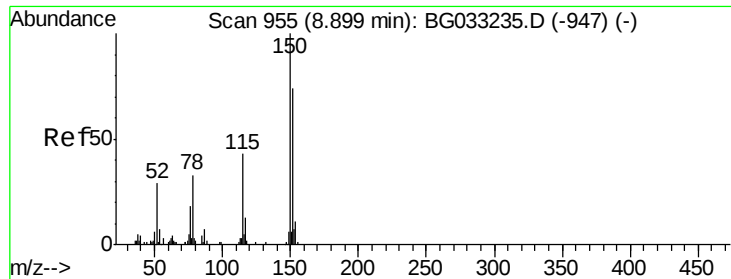
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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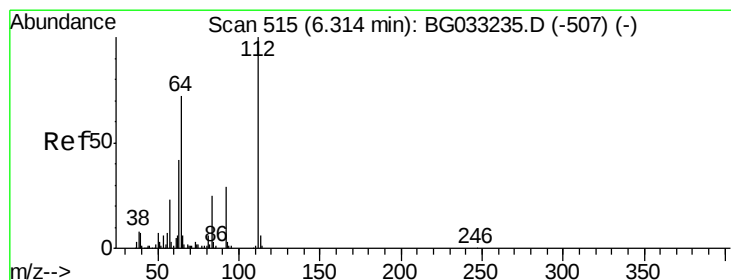
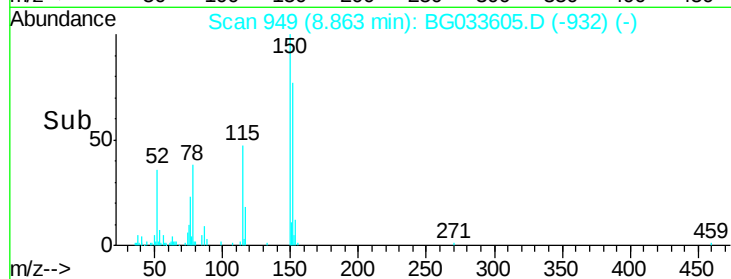
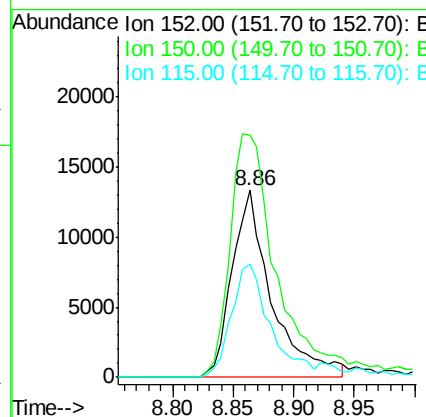
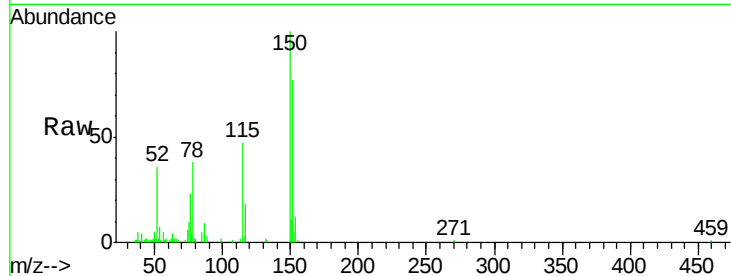


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033605.D
Acq: 5 Apr 2018 22:56

Instrument :
BNA_G
ClientSampleId :
PF-7

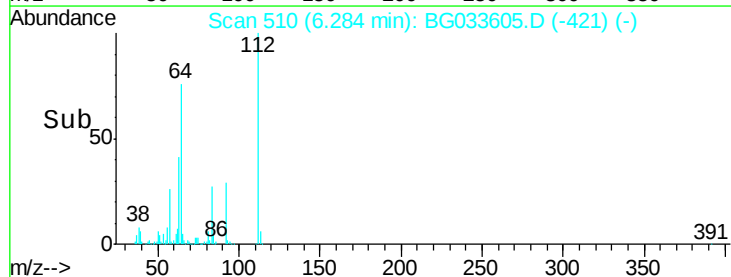
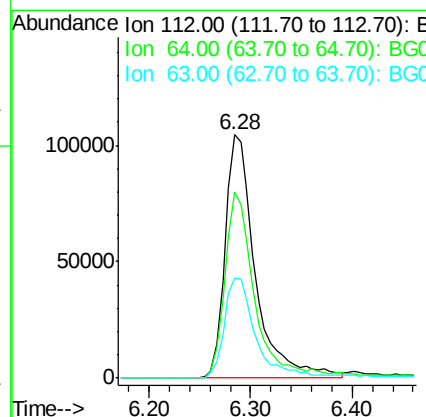
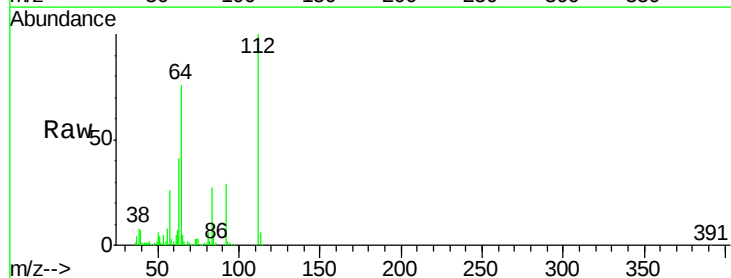
Tot Ion:152 Resp: 30384
Ion Ratio Lower Upper
152 100
150 129.6 126.6 189.8
115 60.8 53.0 79.4

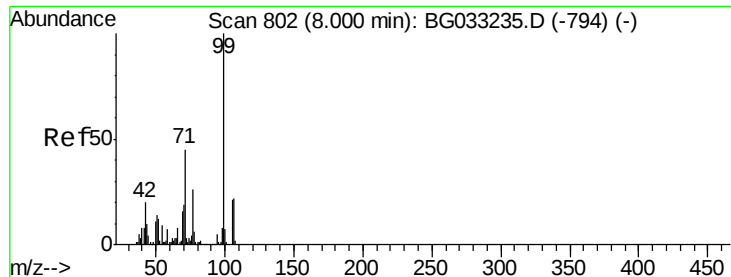


#5

2-Fluorophenol
Concen: 133.708 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033605.D
Acq: 5 Apr 2018 22:56

Tgt Ion:112 Resp: 216657
Ion Ratio Lower Upper
112 100
64 76.2 56.3 84.5
63 41.4 30.1 45.1





#7

Phenol-d6

Concen: 130.764 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033605.D

Acq: 5 Apr 2018 22:56

Instrument :

BNA_G

ClientSampleId :

PF-7

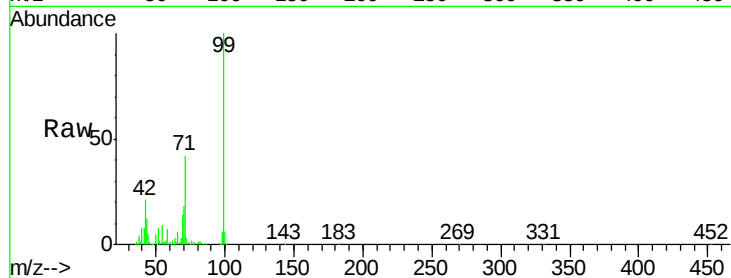
Tot Ion: 99 Resp: 364066

Ion Ratio Lower Upper

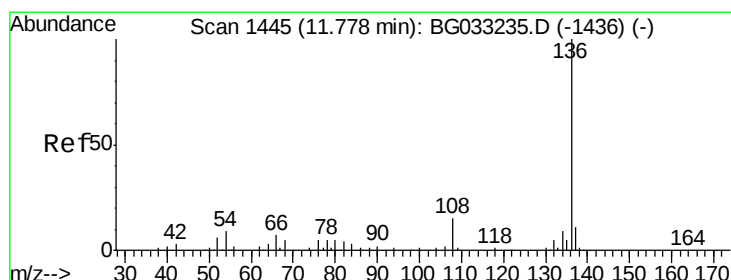
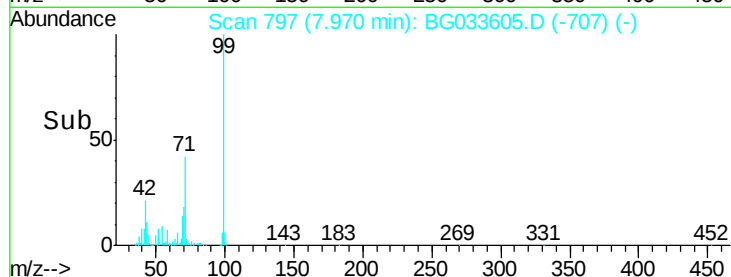
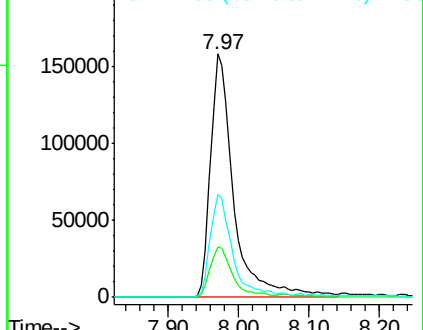
99 100

42 20.7 14.1 21.1

71 42.4 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: 11.74 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BG033605.D

Acq: 5 Apr 2018 22:56

Tgt Ion: 136 Resp: 138808

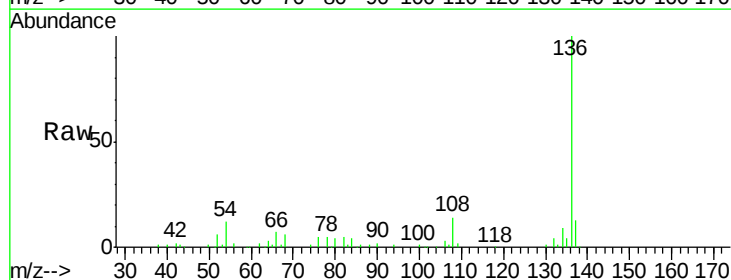
Ion Ratio Lower Upper

136 100

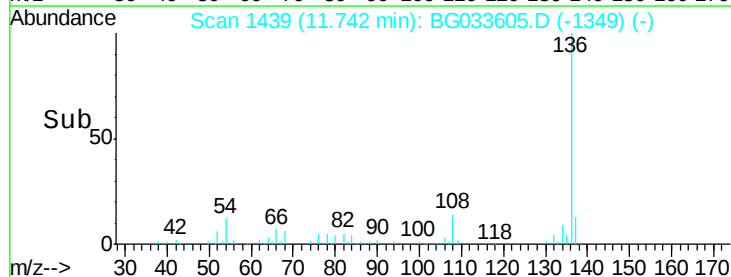
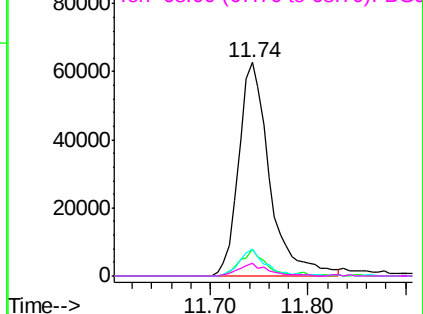
137 12.6 9.2 13.8

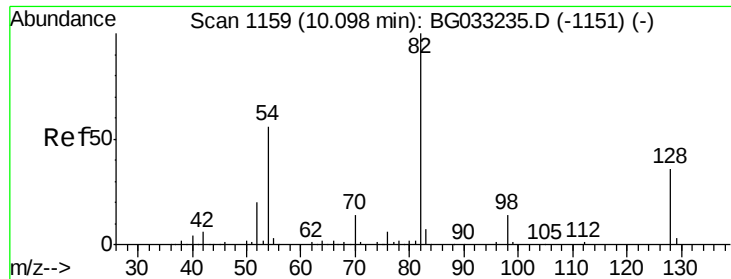
54 12.3 10.3 15.5

68 6.1 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

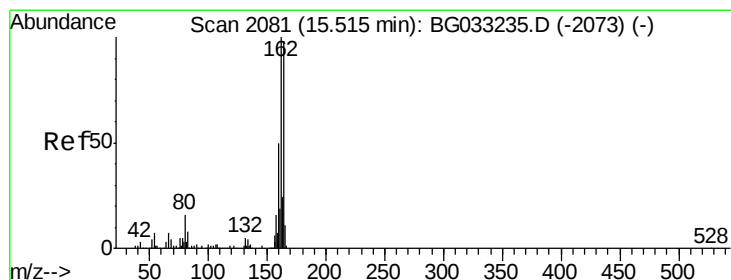
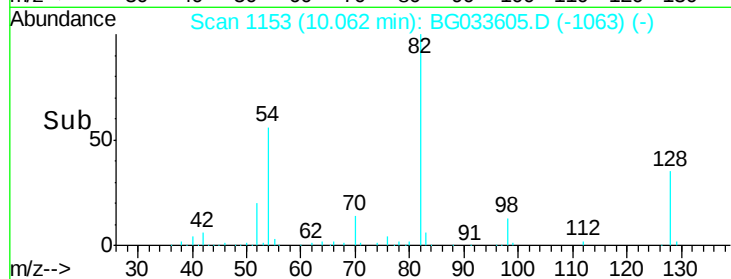
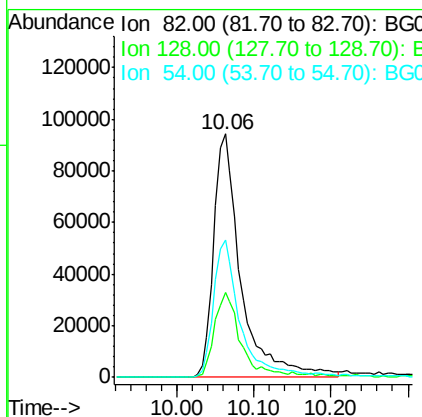
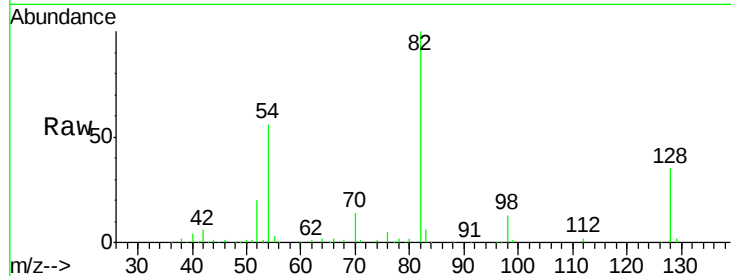




#23
 Nitrobenzene-d5
 Concen: 76.479 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033605.D
 Acq: 5 Apr 2018 22:56

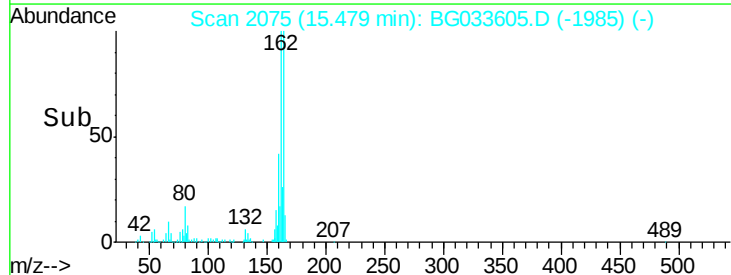
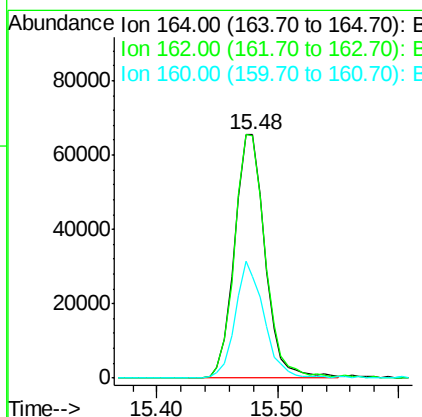
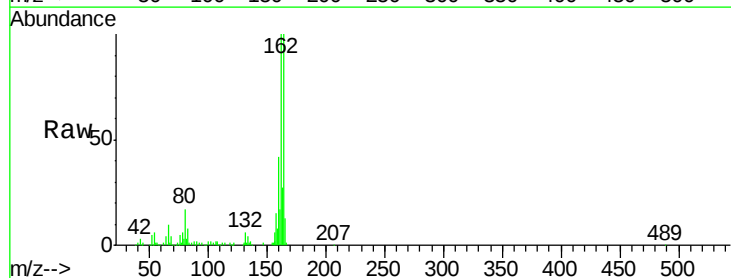
Instrument :
 BNA_G
 ClientSampleId :
 PF-7

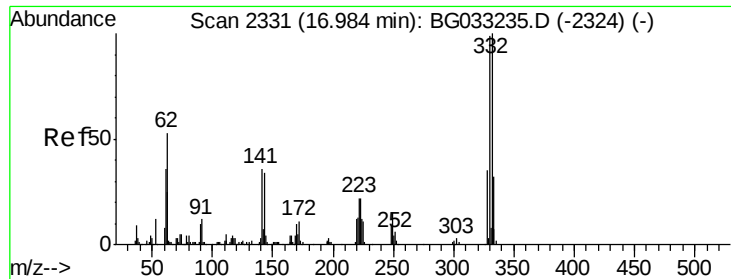
Tot Ion: 82 Resp: 231060
 Ion Ratio Lower Upper
 82 100
 128 34.6 29.7 44.5
 54 56.4 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG033605.D
 Acq: 5 Apr 2018 22:56

Tgt Ion: 164 Resp: 115743
 Ion Ratio Lower Upper
 164 100
 162 99.6 78.8 118.2
 160 41.5 35.4 53.0

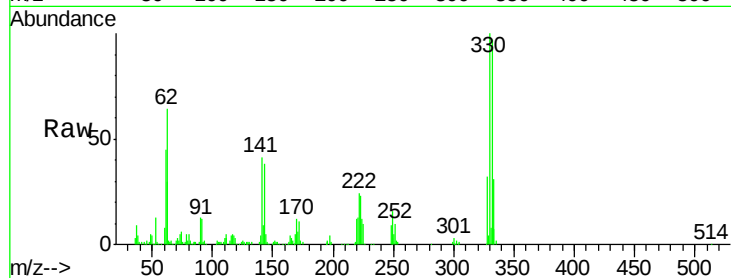




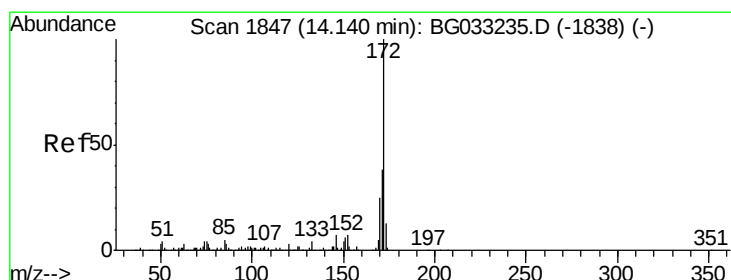
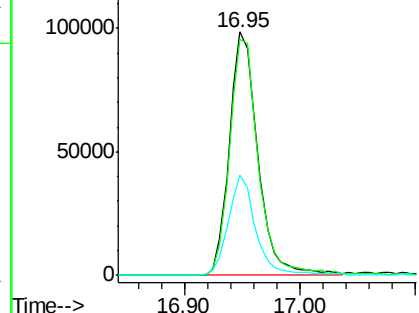
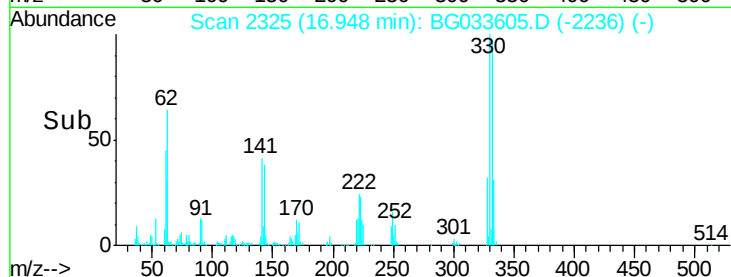
#41
 2,4,6-Tribromophenol
 Concen: 97.225 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033605.D
 Acq: 5 Apr 2018 22:56

Instrument :
 BNA_G
 ClientSampleId :
 PF-7

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.0	115.6
141	39.2	25.2	37.8#

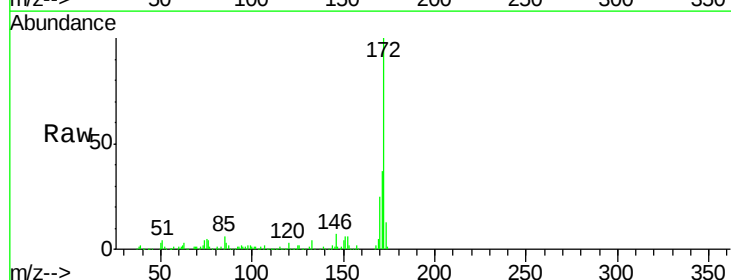


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

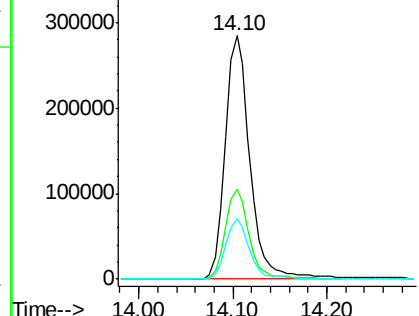
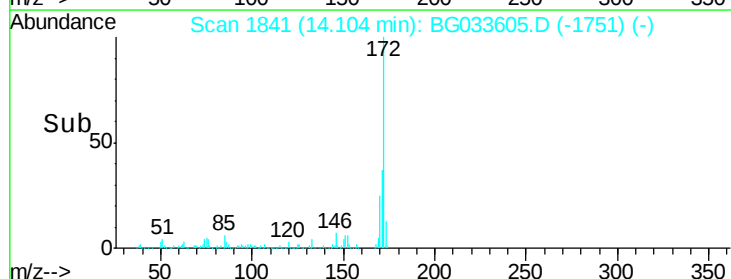


#44
 2-Fluorobiphenyl
 Concen: 65.220 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033605.D
 Acq: 5 Apr 2018 22:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	25.0	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





#49

Dimethylphthalate

Concen: 4.941 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG033605.D

Acq: 5 Apr 2018 22:56

Instrument :

BNA_G

ClientSampleId :

PF-7

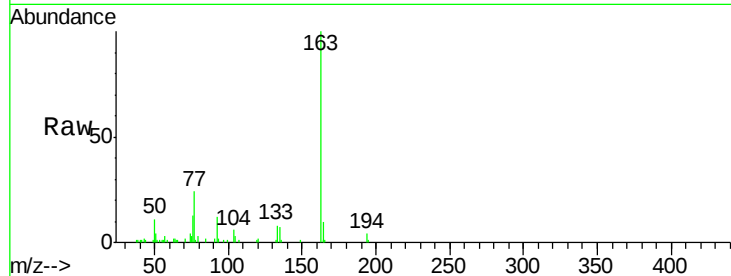
Tot Ion:163 Resp: 49769

Ion Ratio Lower Upper

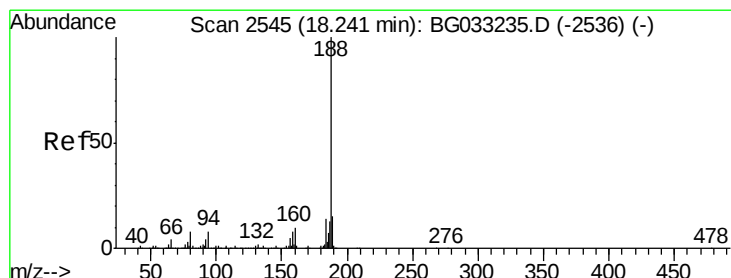
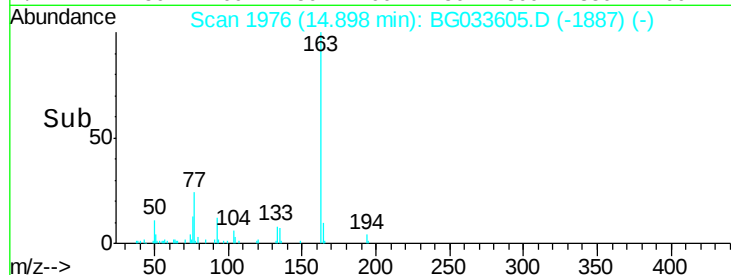
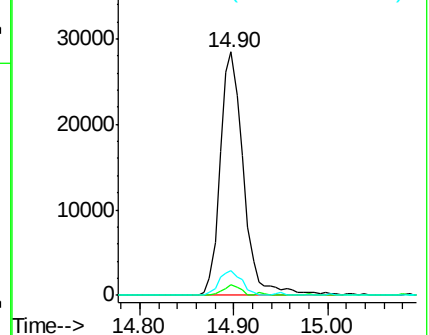
163 100

194 4.2 3.4 5.2

164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG033605.D

Acq: 5 Apr 2018 22:56

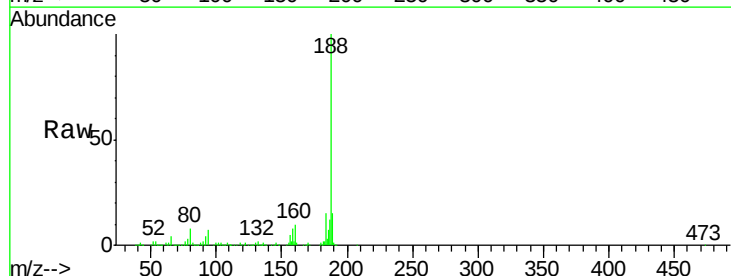
Tgt Ion:188 Resp: 292879

Ion Ratio Lower Upper

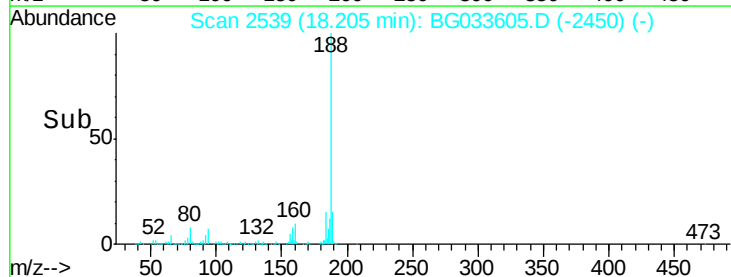
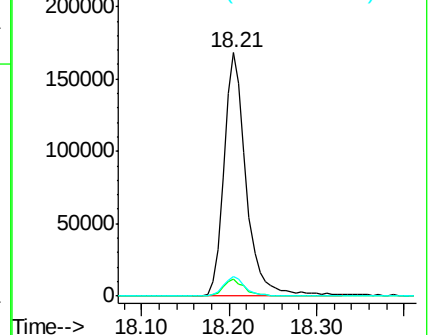
188 100

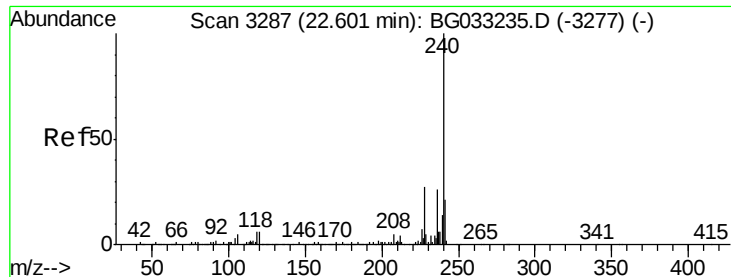
94 7.0 6.9 10.3

80 7.8 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: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033605.D

Acq: 5 Apr 2018 22:56

Instrument :

BNA_G

ClientSampleId :

PF-7

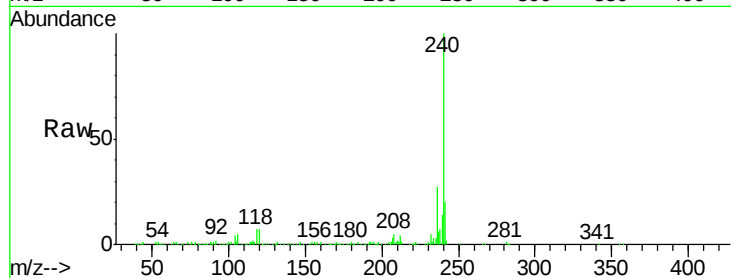
Tot Ion:240 Resp: 294901

Ion Ratio Lower Upper

240 100

120 6.8 6.8 10.2

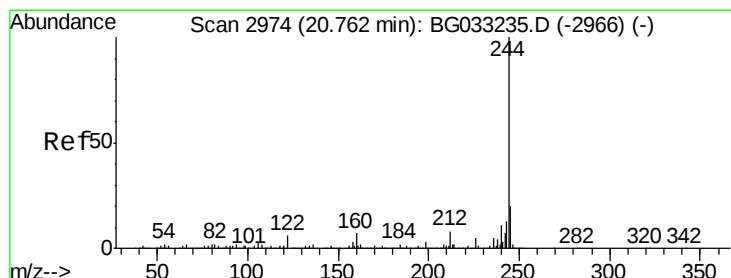
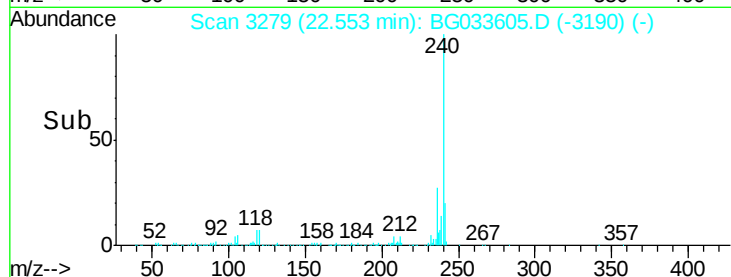
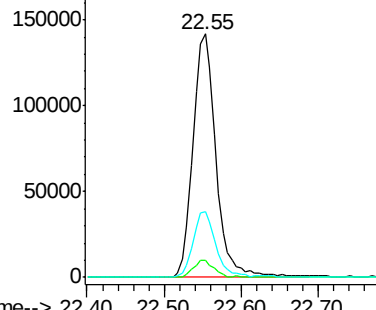
236 26.8 20.9 31.3



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: 69.190 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033605.D

Acq: 5 Apr 2018 22:56

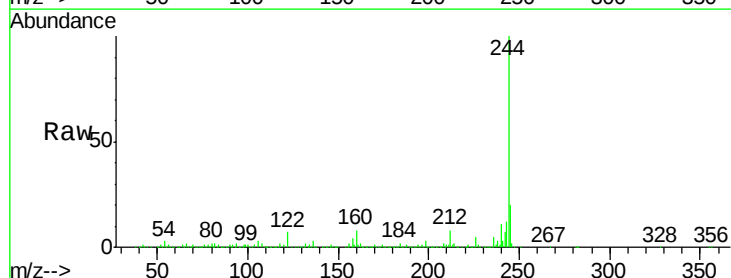
Tgt Ion:244 Resp: 954086

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

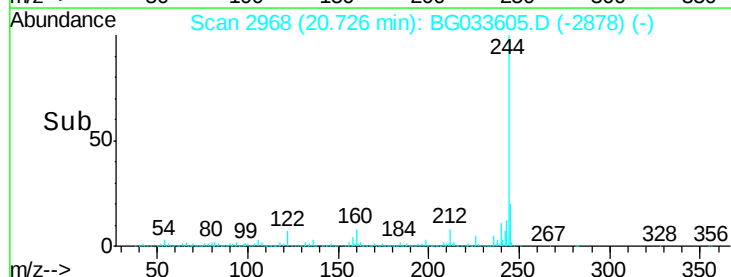
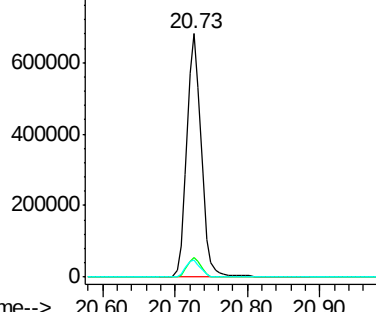
122 7.0 7.0 10.4

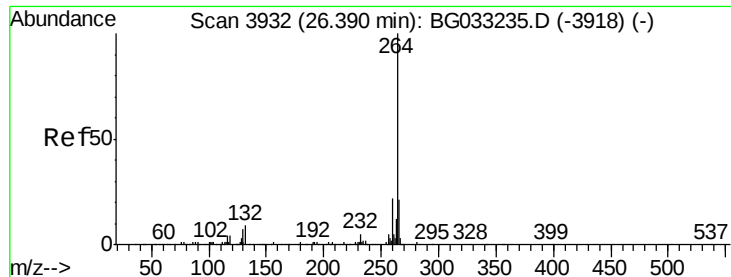


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.32 min Scan# 3920
Delta R.T. -0.00 min
Lab File: BG033605.D
Acq: 5 Apr 2018 22:56

Instrument :
BNA_G
ClientSampleId :
PF-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.4	17.7	26.5

