

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033604.D
 Acq On : 5 Apr 2018 22:19
 Operator : SJ/JU
 Sample : J2265-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PF-6

Quant Time: Apr 06 03:51:25 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

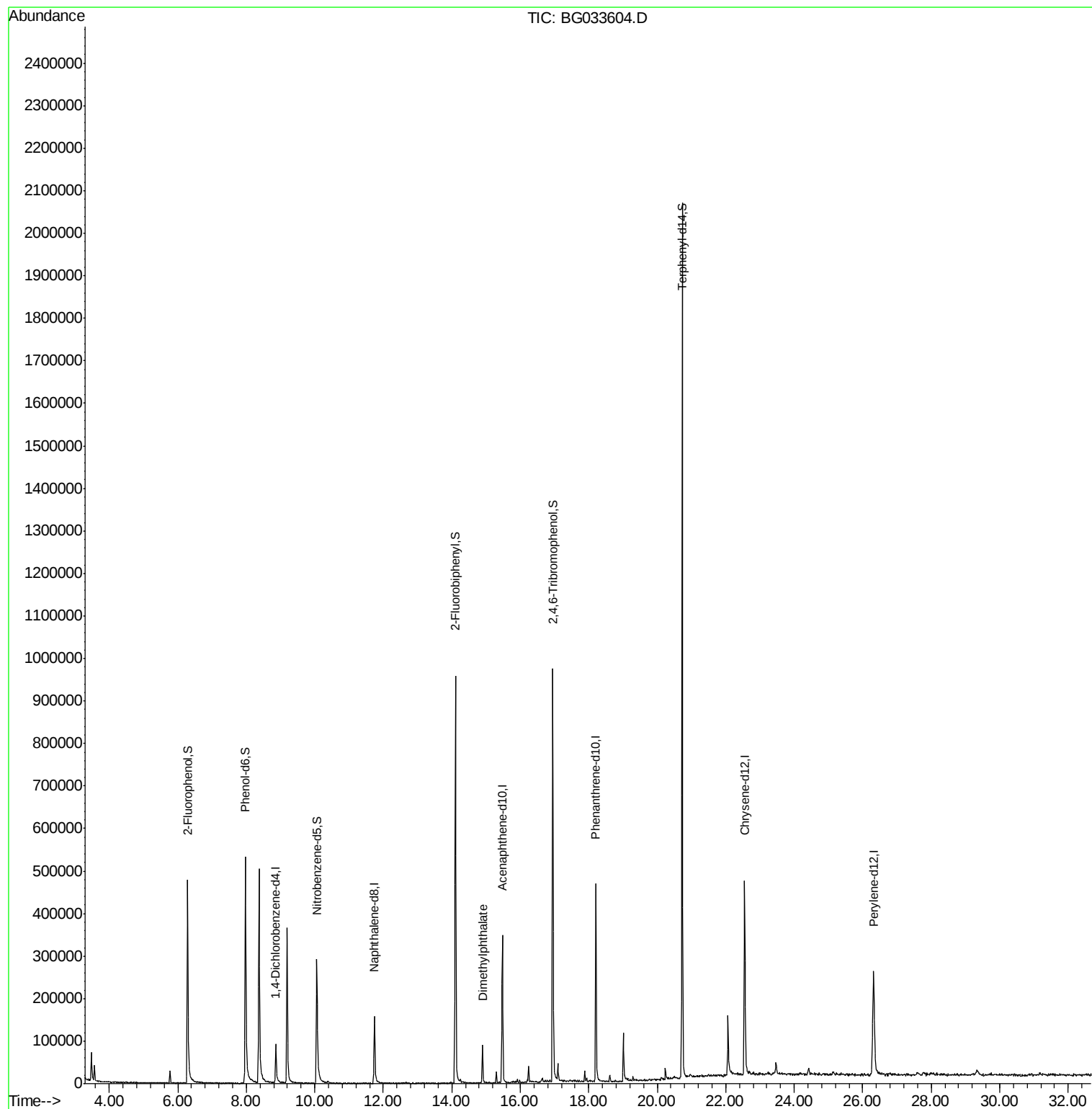
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33847	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	160102	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	129245	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	330287	20.00	ng	0.00
75) Chrysene-d12	22.55	240	328215	20.00	ng	0.00
86) Perylene-d12	26.31	264	348799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	235998	130.74	ng	0.00
7) Phenol-d6	7.97	99	386638	124.66	ng	0.00
23) Nitrobenzene-d5	10.06	82	246443	70.72	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	187579	97.04	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	542007	60.54	ng	0.00
78) Terphenyl-d14	20.73	244	1016947	66.26	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.90	163	57976	5.154	ng	Qvalue 99

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

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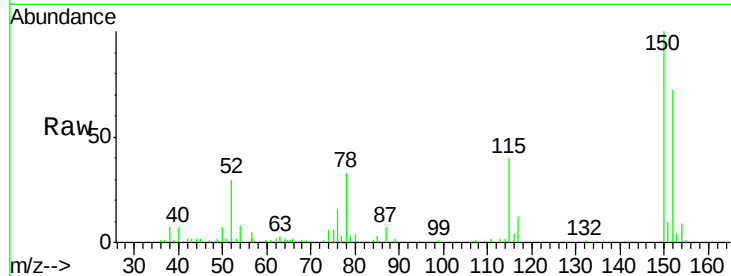


#1

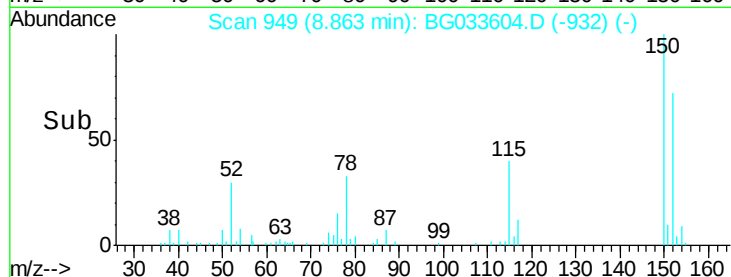
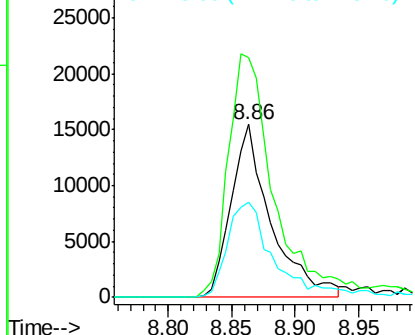
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033604.D
Acq: 5 Apr 2018 22:19

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Tot Ion	152	Resp	33847
Ion Ratio	Lower	Upper	
152	100		
150	138.7	126.6	189.8
115	55.0	53.0	79.4



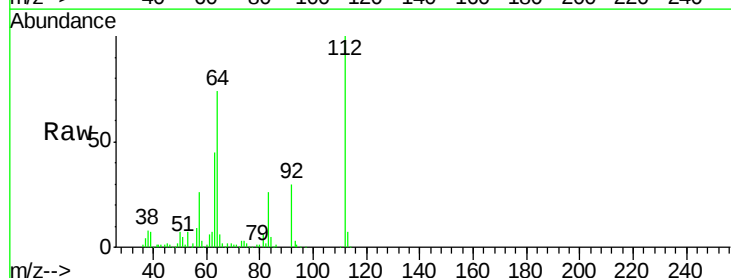
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



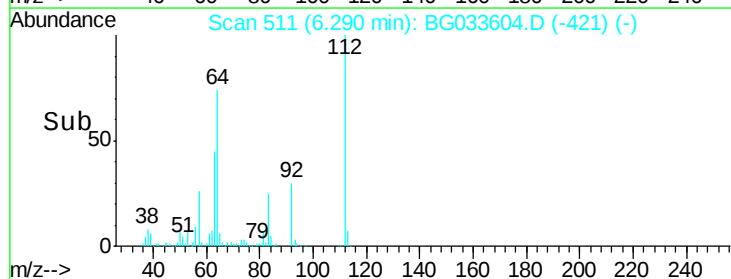
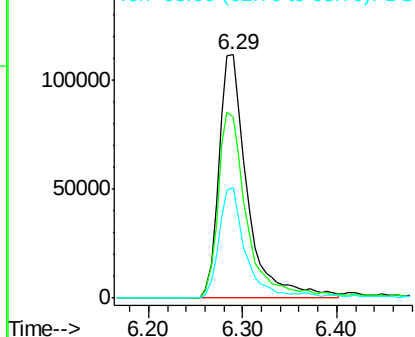
#5

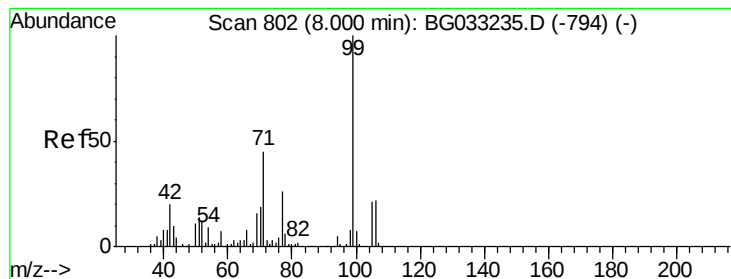
2-Fluorophenol
Concen: 130.743 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033604.D
Acq: 5 Apr 2018 22:19

Tgt Ion	112	Resp	235998
Ion Ratio	Lower	Upper	
112	100		
64	74.4	56.3	84.5
63	45.3	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 124.663 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033604.D

Acq: 5 Apr 2018 22:19

Instrument :

BNA_G

ClientSampleId :

PF-6

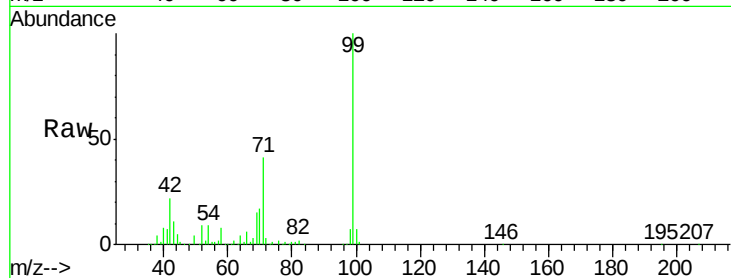
Tot Ion: 99 Resp: 386638

Ion Ratio Lower Upper

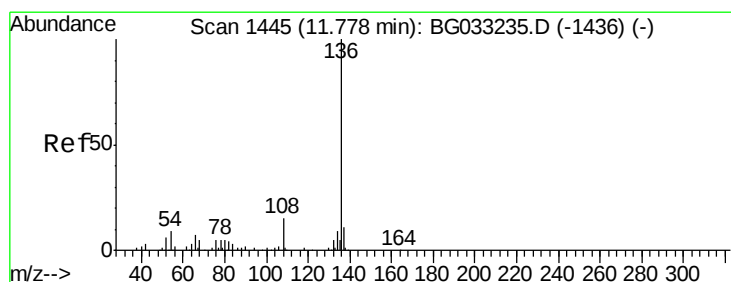
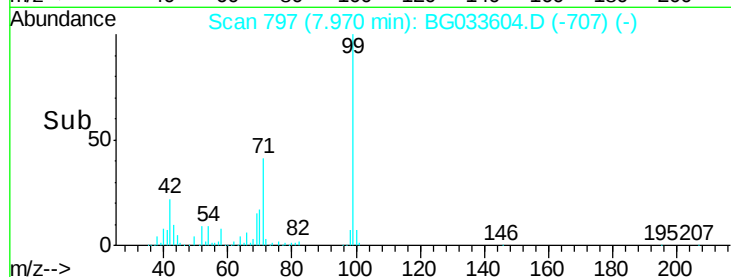
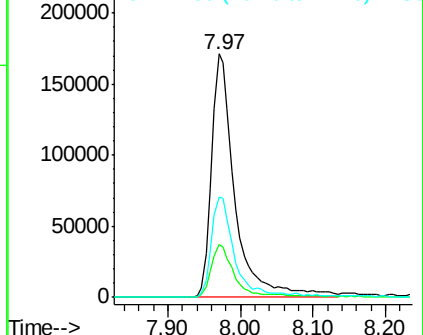
99 100

42 21.8 14.1 21.1#

71 41.3 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: 11.74 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BG033604.D

Acq: 5 Apr 2018 22:19

Tgt Ion: 136 Resp: 160102

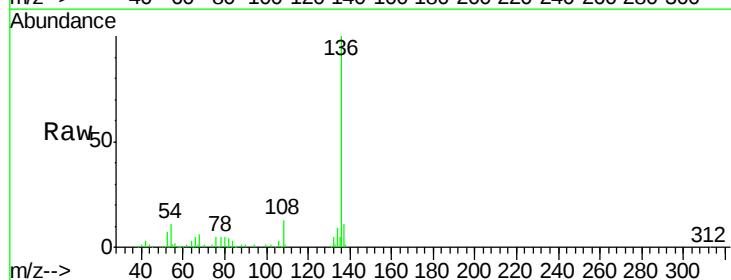
Ion Ratio Lower Upper

136 100

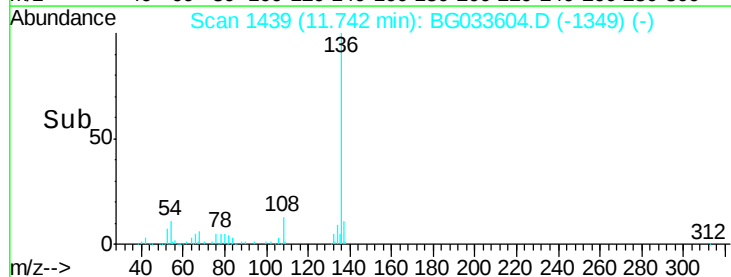
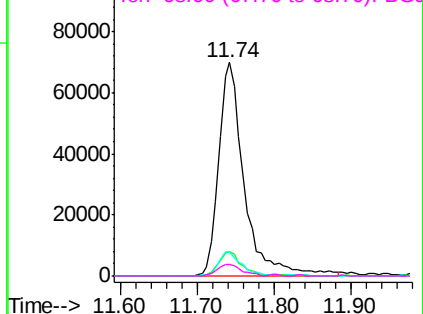
137 11.4 9.2 13.8

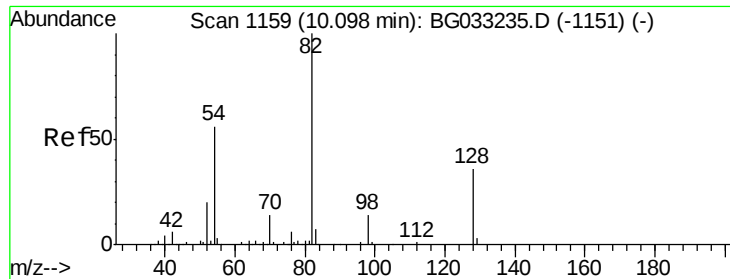
54 11.5 10.3 15.5

68 5.6 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

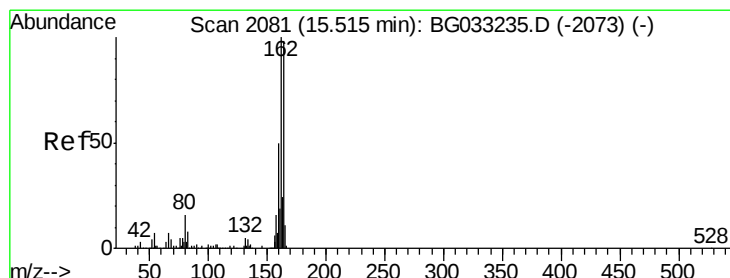
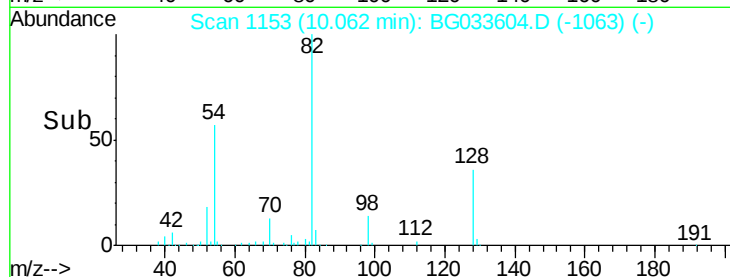
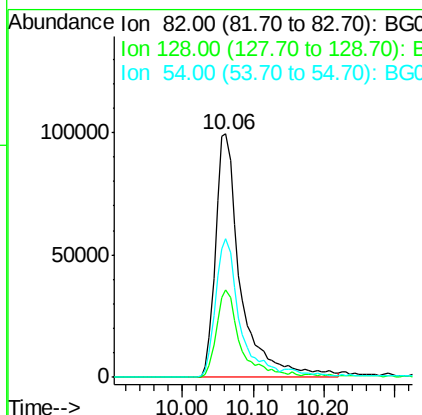
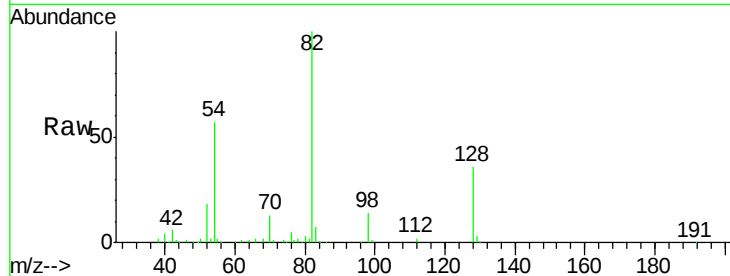




#23
 Nitrobenzene-d5
 Concen: 70.721 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033604.D
 Acq: 5 Apr 2018 22:19

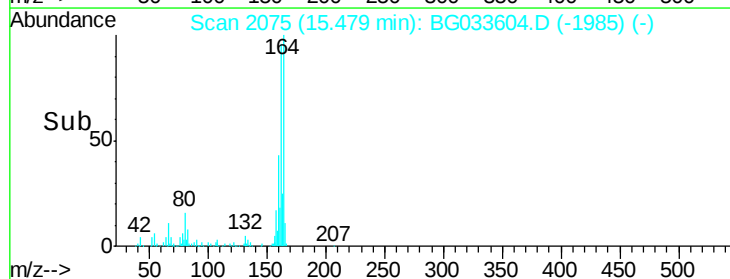
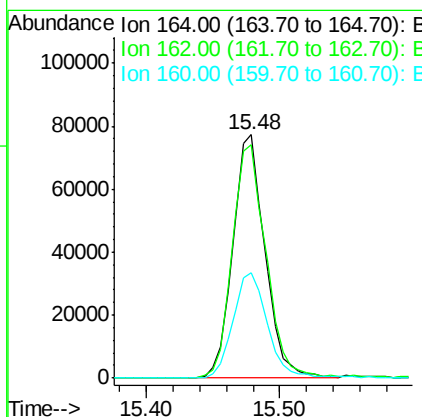
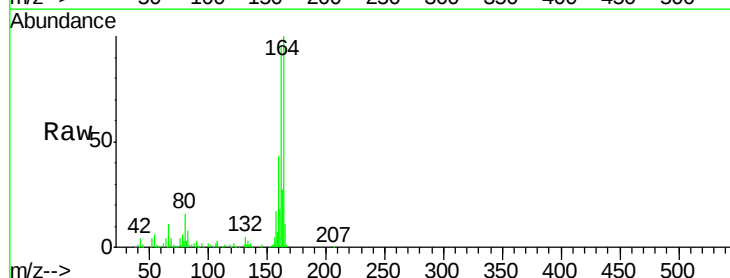
Instrument :
 BNA_G
 ClientSampleId :
 PF-6

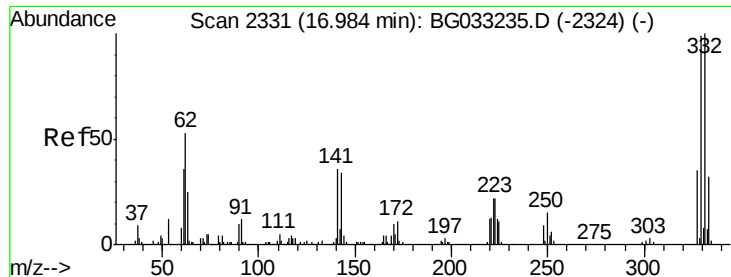
Tot Ion: 82 Resp: 246443
 Ion Ratio Lower Upper
 82 100
 128 35.9 29.7 44.5
 54 57.2 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG033604.D
 Acq: 5 Apr 2018 22:19

Tgt Ion: 164 Resp: 129245
 Ion Ratio Lower Upper
 164 100
 162 95.6 78.8 118.2
 160 43.1 35.4 53.0

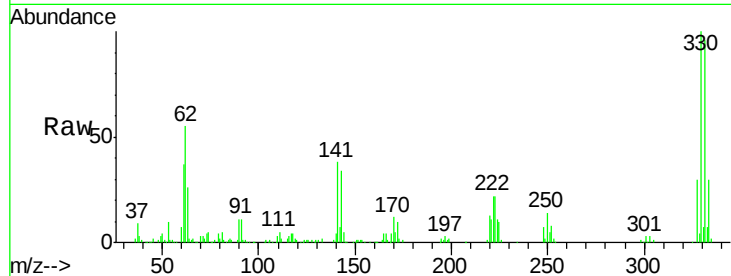




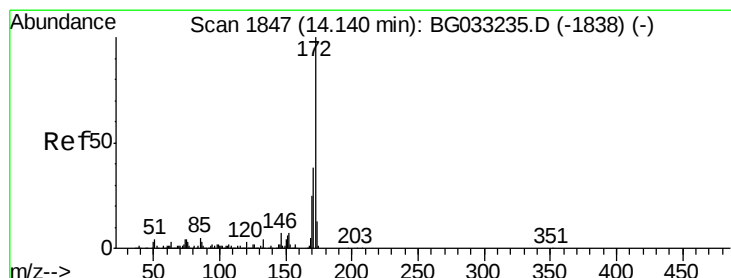
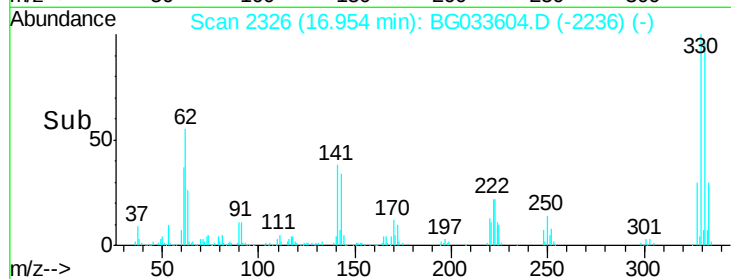
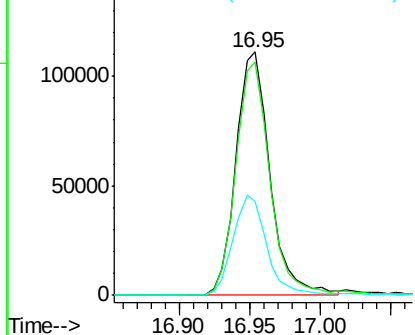
#41
 2,4,6-Tribromophenol
 Concen: 97.040 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033604.D
 Acq: 5 Apr 2018 22:19

Instrument :
 BNA_G
 ClientSampleId :
 PF-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	41.3	25.2	37.8#

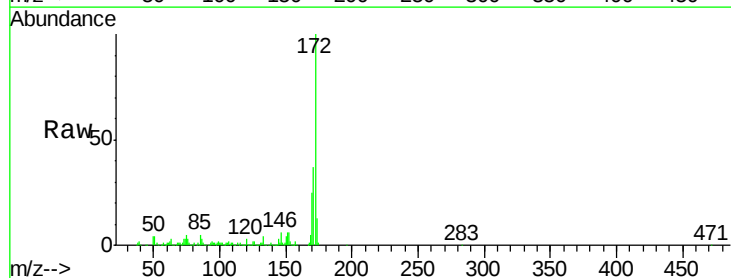


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

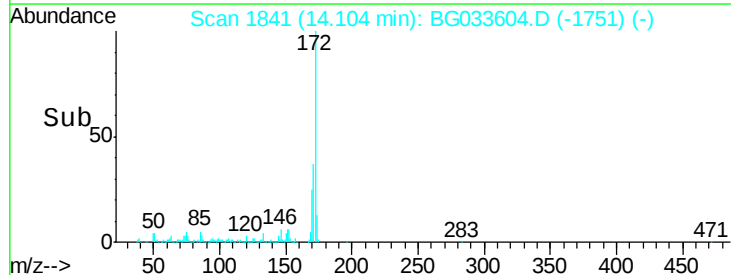
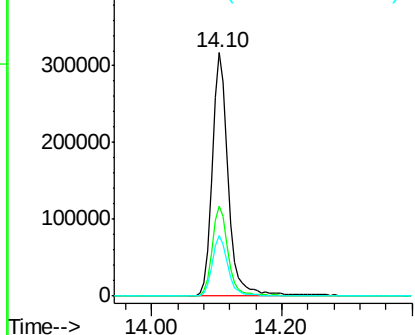


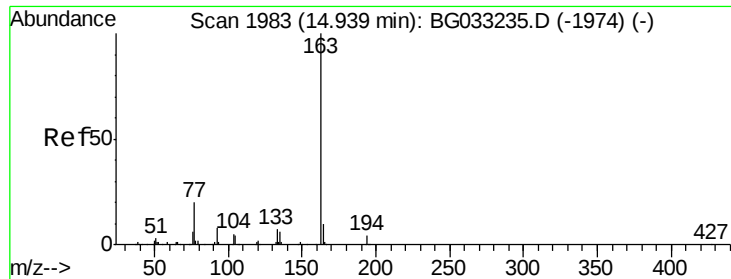
#44
 2-Fluorobiphenyl
 Concen: 60.541 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033604.D
 Acq: 5 Apr 2018 22:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	25.1	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: 5.154 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG033604.D

Acq: 5 Apr 2018 22:19

Instrument :

BNA_G

ClientSampleId :

PF-6

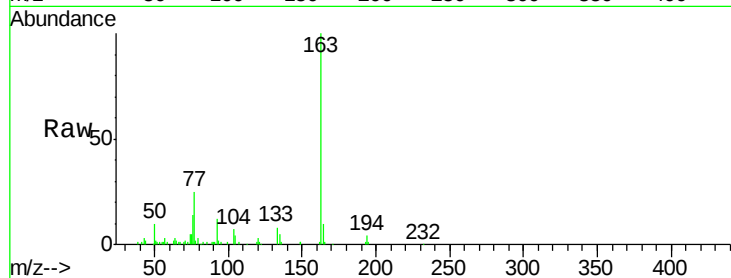
Tot Ion:163 Resp: 57976

Ion Ratio Lower Upper

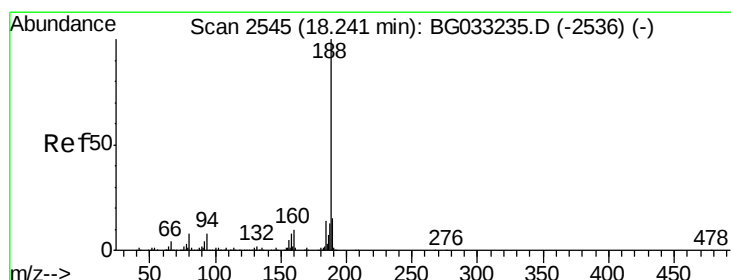
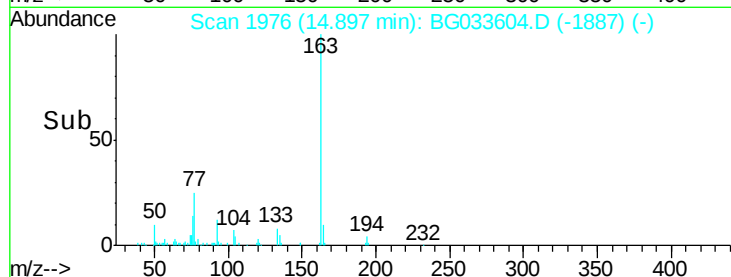
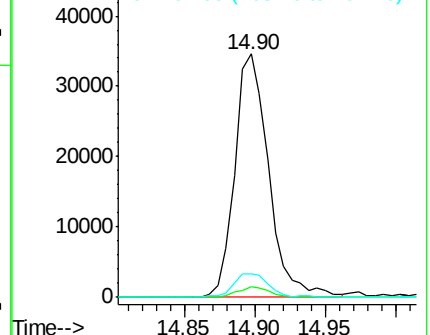
163 100

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: BG033604.D

Acq: 5 Apr 2018 22:19

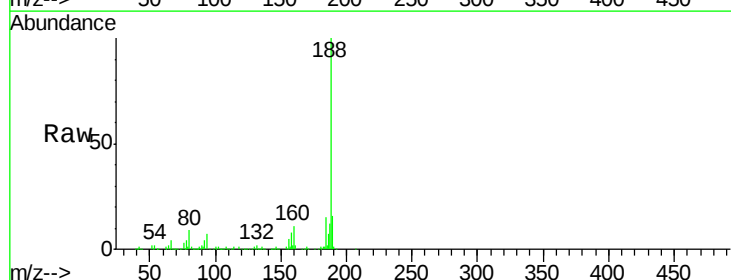
Tgt Ion:188 Resp: 330287

Ion Ratio Lower Upper

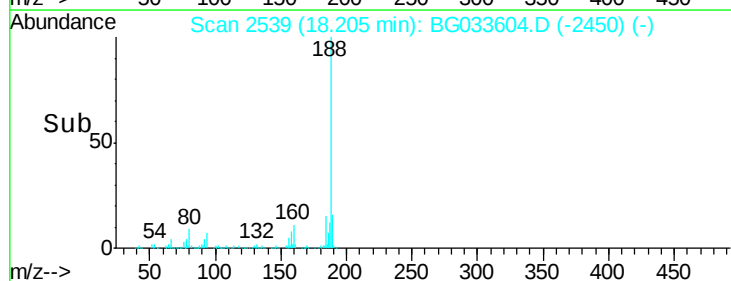
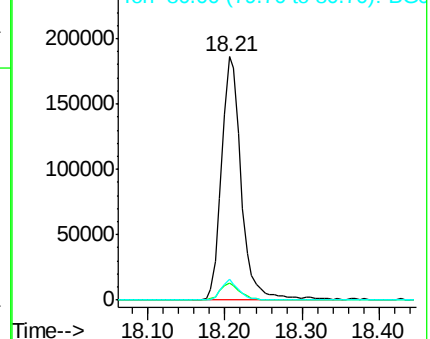
188 100

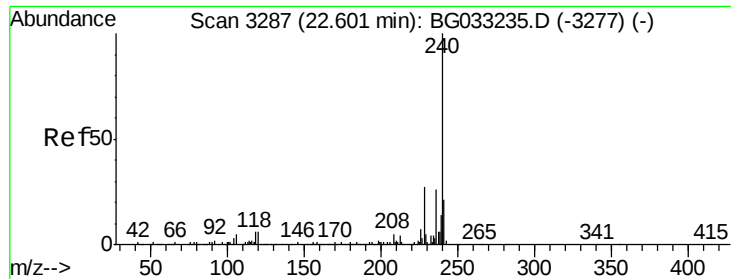
94 7.2 6.9 10.3

80 8.6 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

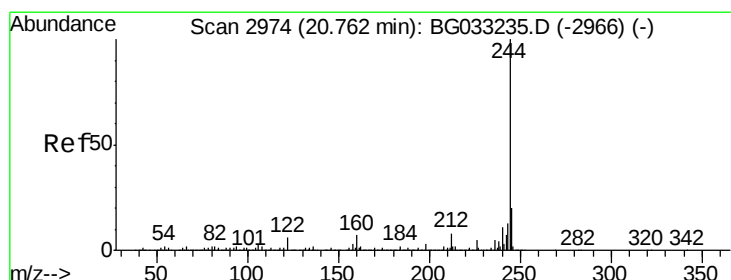
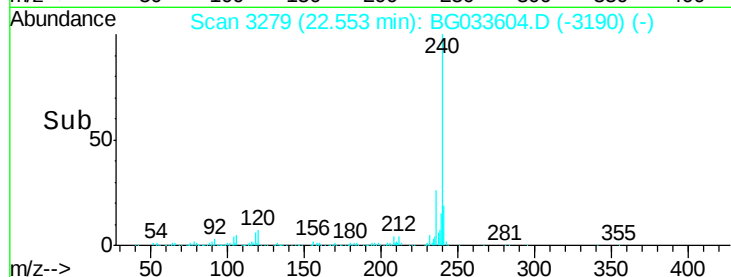
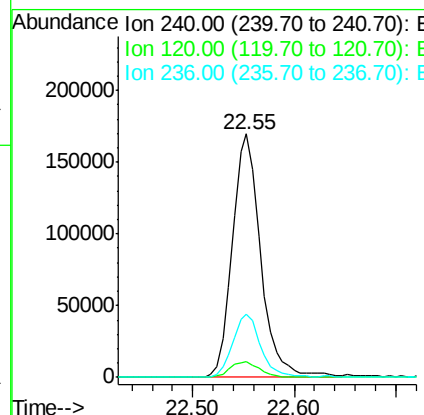
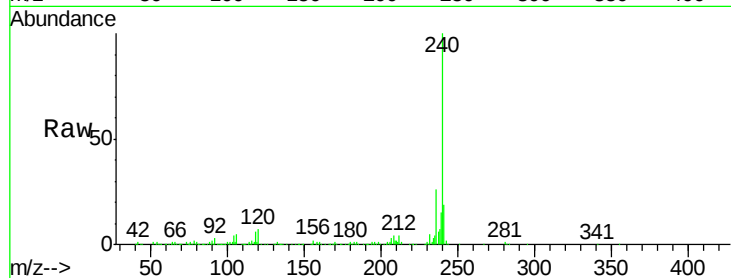




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033604.D
Acq: 5 Apr 2018 22:19

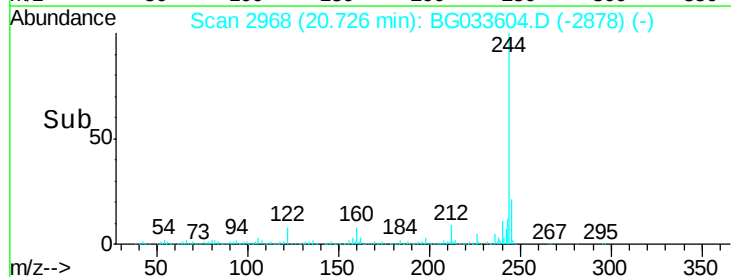
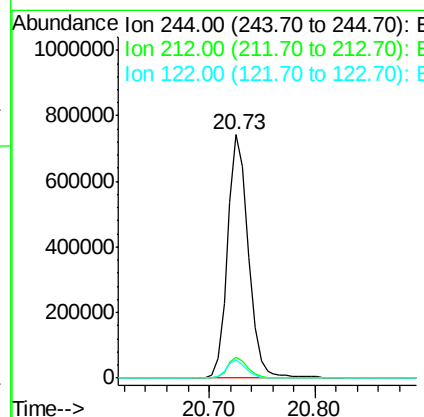
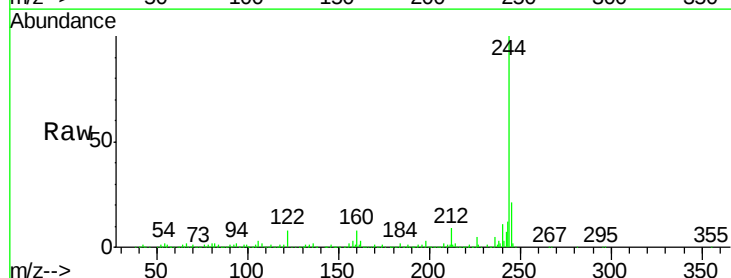
Instrument :
BNA_G
ClientSampled :
PF-6

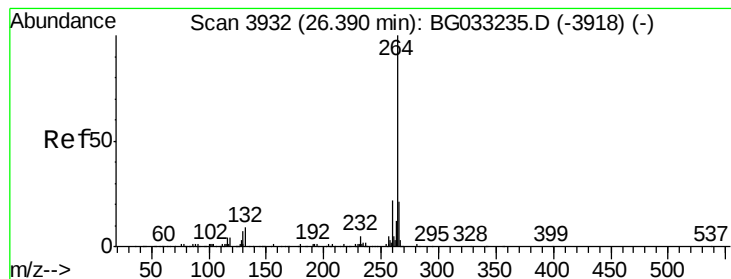
Tot Ion:240 Resp: 328215
Ion Ratio Lower Upper
240 100
120 6.5 6.8 10.2#
236 26.2 20.9 31.3



#78
Terphenyl-d14
Concen: 66.263 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.00 min
Lab File: BG033604.D
Acq: 5 Apr 2018 22:19

Tgt Ion:244 Resp: 1016947
Ion Ratio Lower Upper
244 100
212 8.7 5.8 8.8
122 7.7 7.0 10.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.31 min Scan# 3919

Delta R.T. -0.01 min

Lab File: BG033604.D

Acq: 5 Apr 2018 22:19

Instrument :

BNA_G

ClientSampleId :

PF-6

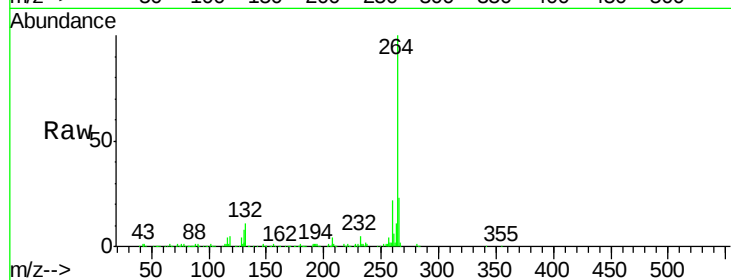
Tot Ion:264 Resp: 348799

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 22.8 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

