

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033528.D
 Acq On : 3 Apr 2018 16:35
 Operator : SJ/JU
 Sample : J2131-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 4538-9

Quant Time: Apr 03 18:52:19 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

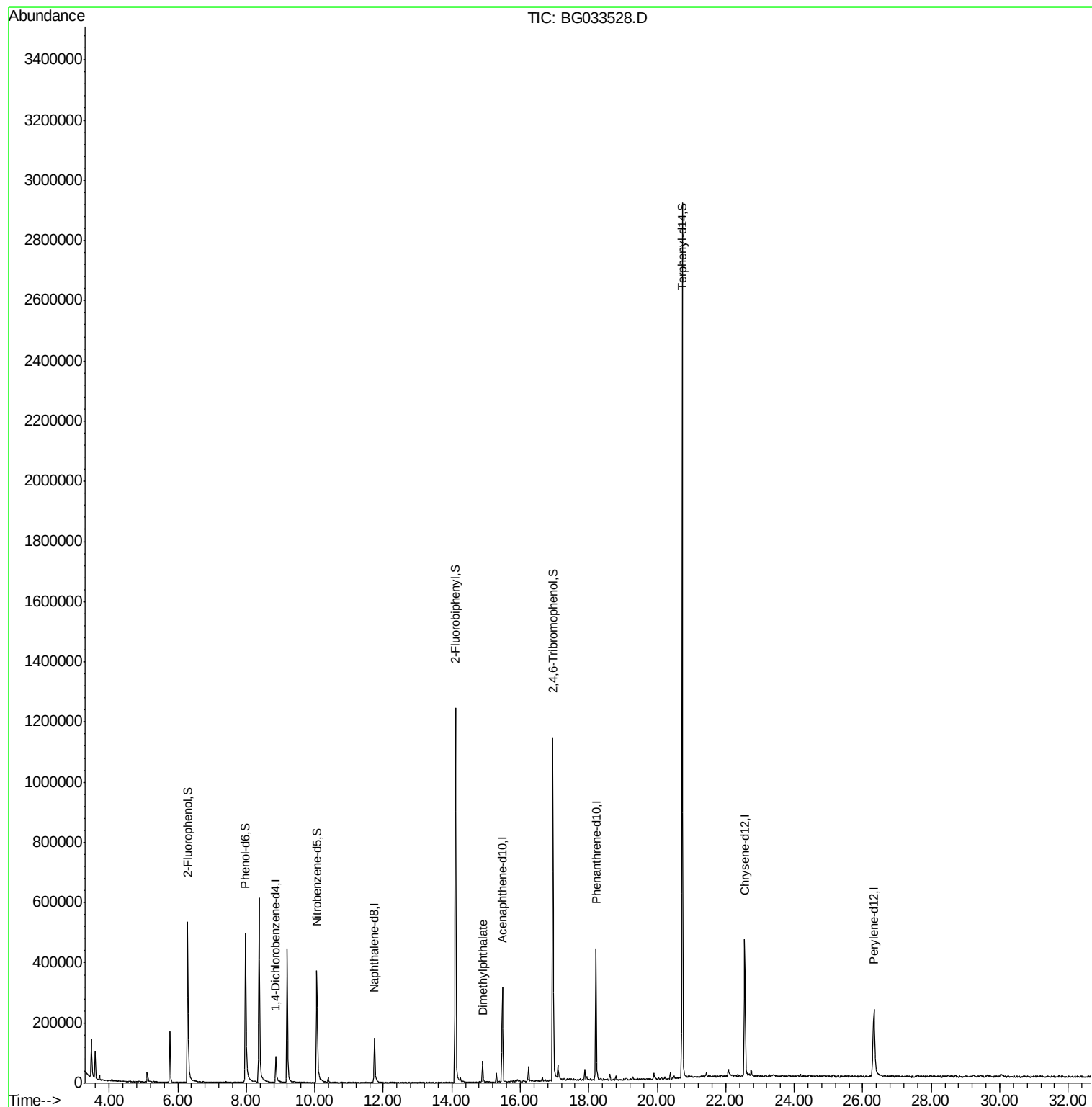
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	33110	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	145152	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	116860	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	317074	20.00	ng	0.00
75) Chrysene-d12	22.55	240	339623	20.00	ng	0.00
86) Perylene-d12	26.32	264	352091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	262507	148.67	ng	0.00
7) Phenol-d6	7.98	99	364182	120.04	ng	0.00
23) Nitrobenzene-d5	10.06	82	296109	93.73	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	232602	133.08	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	737335	91.09	ng	0.00
78) Terphenyl-d14	20.73	244	1450434	91.33	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.90	163	49080	4.826	ng	Qvalue # 94

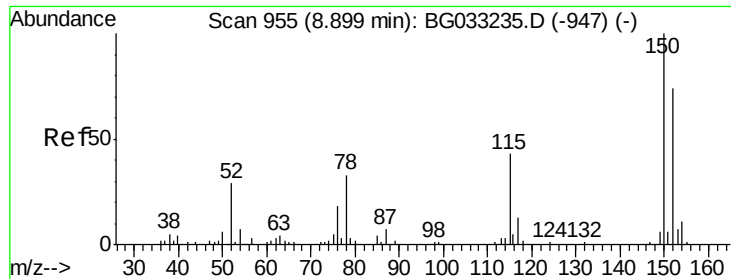
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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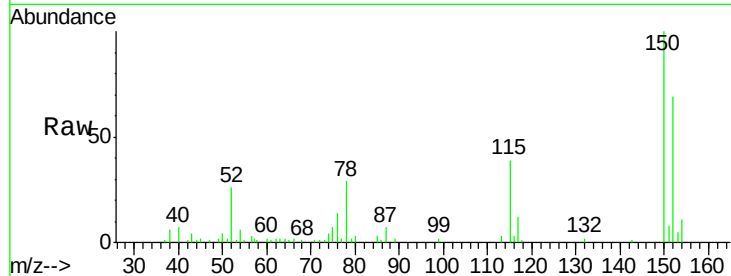


#1

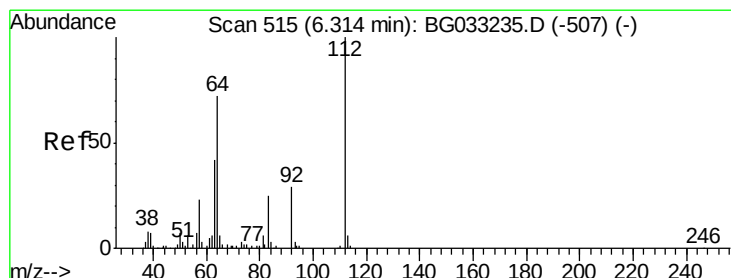
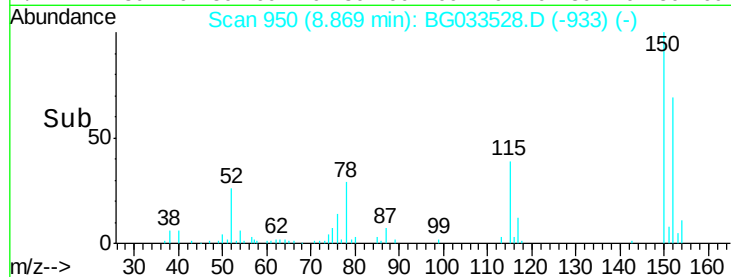
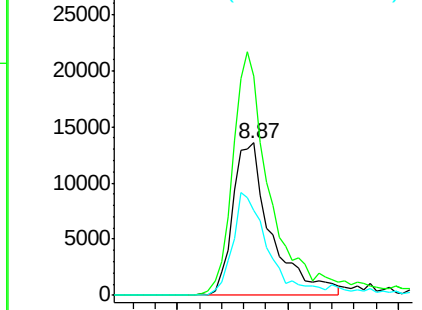
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.00 min
Lab File: BG033528.D
Acq: 3 Apr 2018 16:35

Instrument :
BNA_G
ClientSampleId :
4538-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.2	126.6	189.8
115	55.6	53.0	79.4



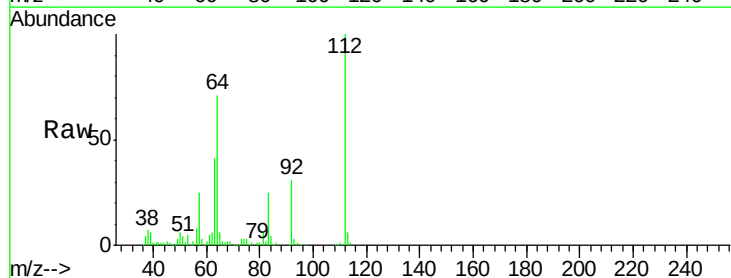
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



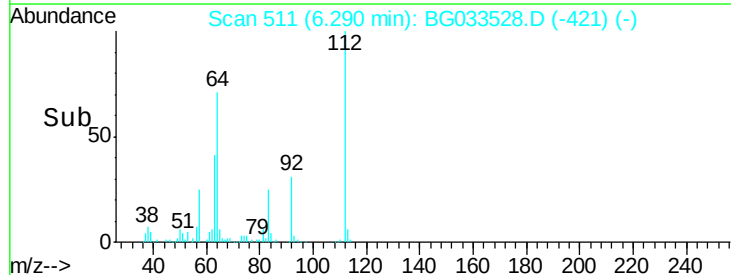
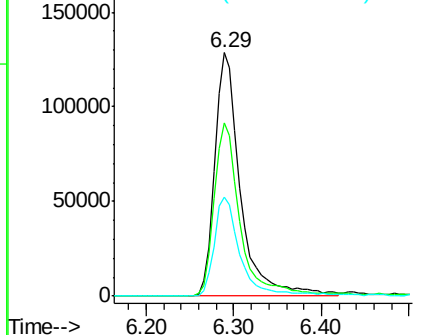
#5

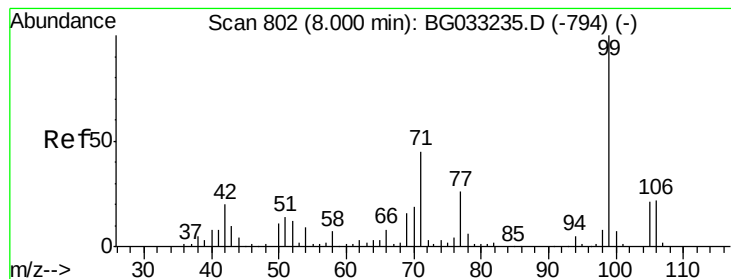
2-Fluorophenol
Concen: 148.666 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033528.D
Acq: 3 Apr 2018 16:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.2	56.3	84.5
63	40.7	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: 120.037 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG033528.D

Acq: 3 Apr 2018 16:35

Instrument :

BNA_G

ClientSampleId :

4538-9

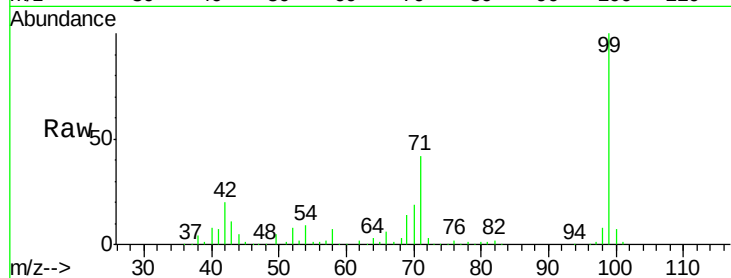
Tot Ion: 99 Resp: 364182

Ion Ratio Lower Upper

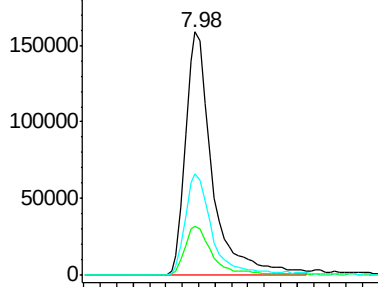
99 100

42 20.1 14.1 21.1

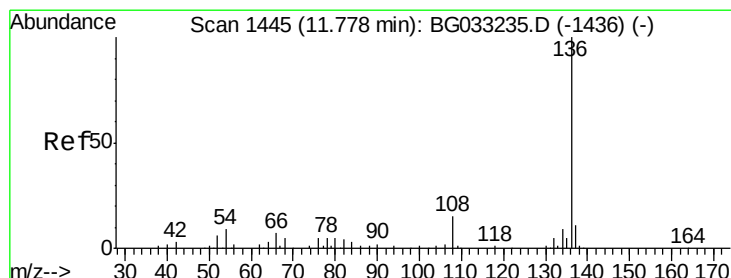
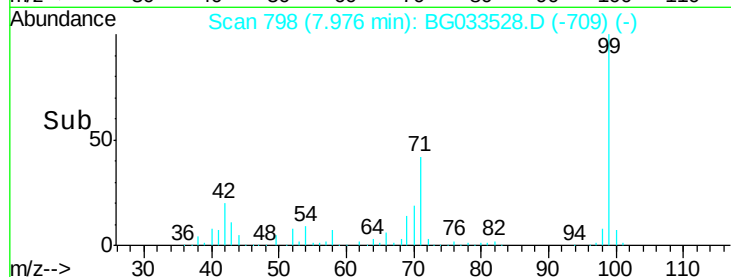
71 41.8 26.1 39.1#



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BG033528.D

Acq: 3 Apr 2018 16:35

Tgt Ion: 136 Resp: 145152

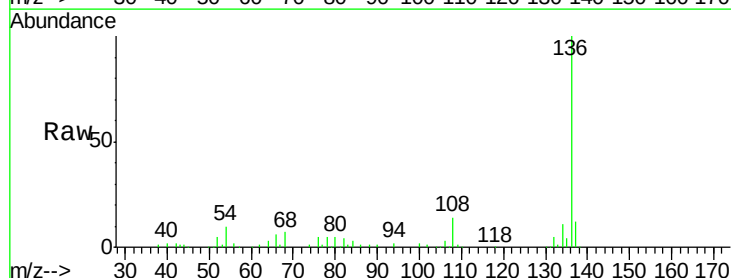
Ion Ratio Lower Upper

136 100

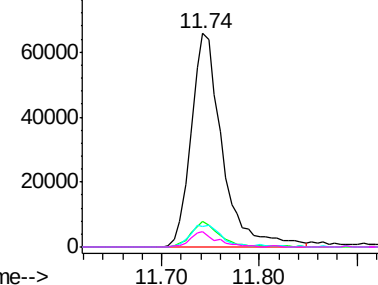
137 11.9 9.2 13.8

54 9.7 10.3 15.5#

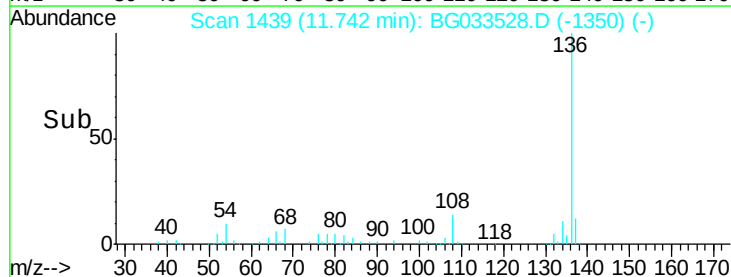
68 7.4 4.5 6.7#

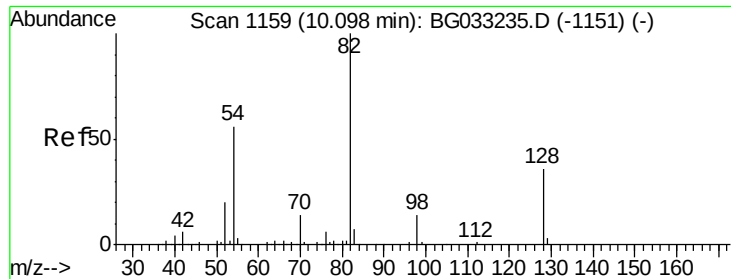


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

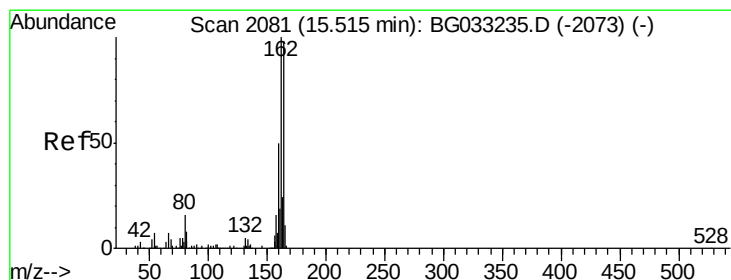
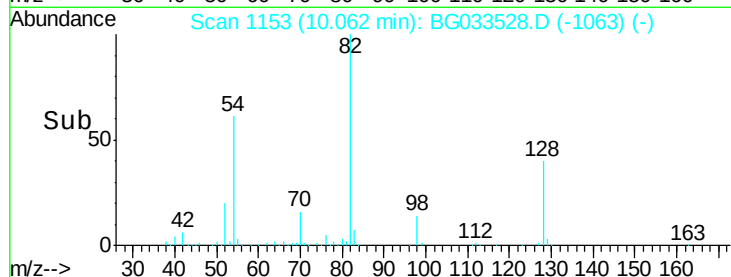
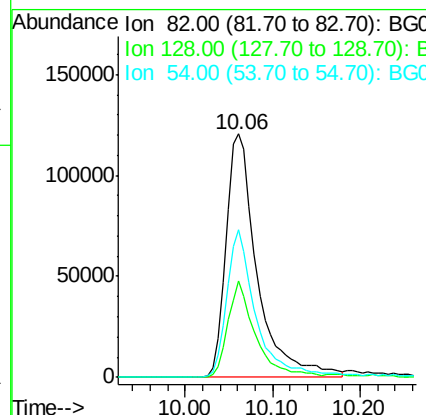
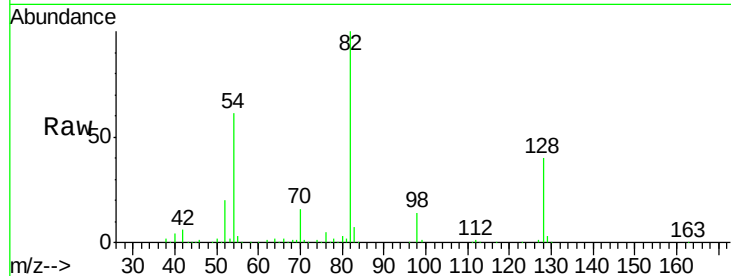




#23
 Nitrobenzene-d5
 Concen: 93.726 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033528.D
 Acq: 3 Apr 2018 16:35

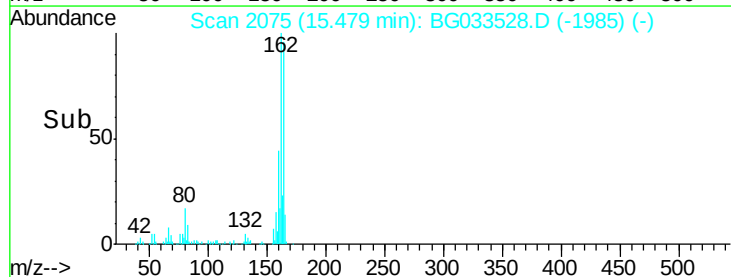
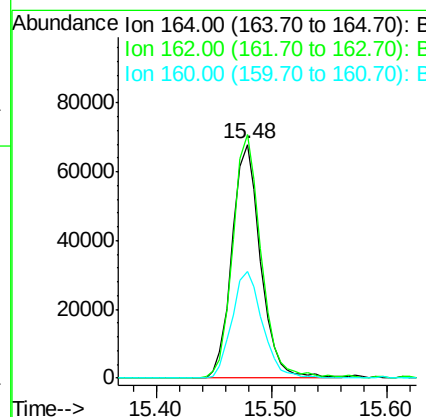
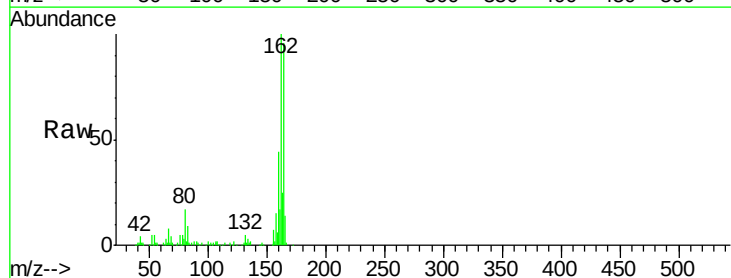
Instrument :
 BNA_G
 ClientSampleId :
 4538-9

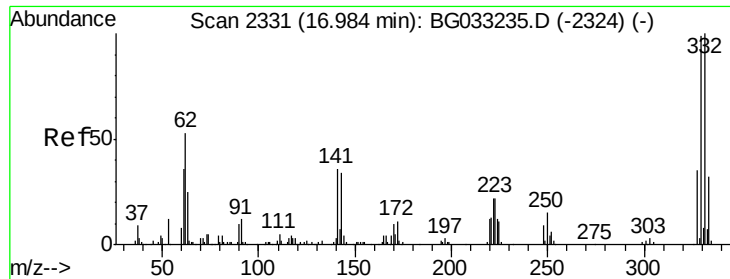
Tot Ion: 82 Resp: 296109
 Ion Ratio Lower Upper
 82 100
 128 39.7 29.7 44.5
 54 60.6 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG033528.D
 Acq: 3 Apr 2018 16:35

Tgt Ion: 164 Resp: 116860
 Ion Ratio Lower Upper
 164 100
 162 104.2 78.8 118.2
 160 45.6 35.4 53.0

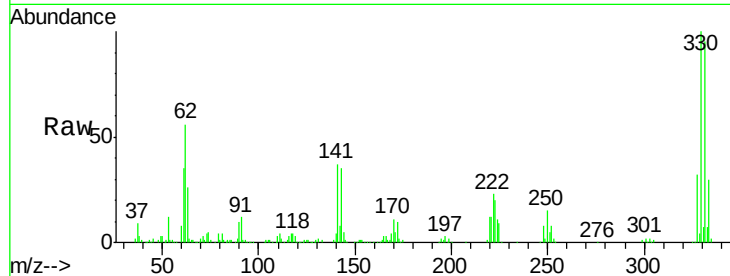




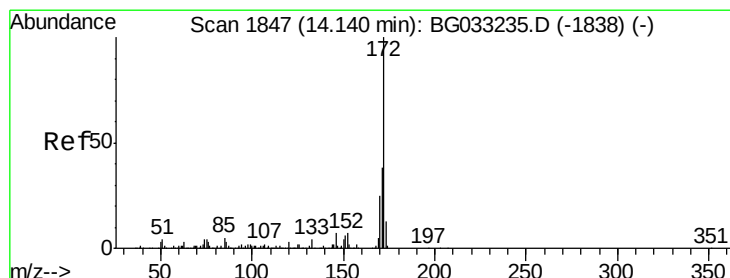
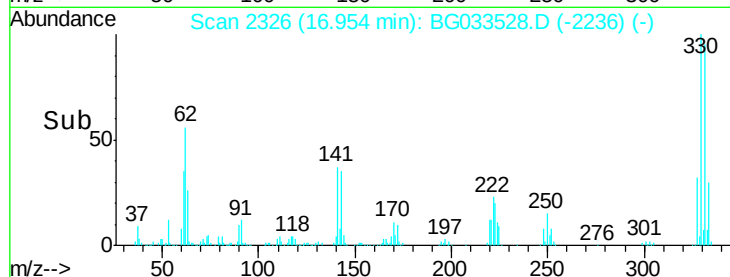
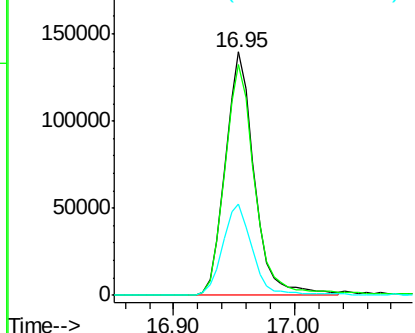
#41
 2,4,6-Tribromophenol
 Concen: 133.084 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033528.D
 Acq: 3 Apr 2018 16:35

Instrument :
 BNA_G
 ClientSampled :
 4538-9

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.0	115.6
141	38.8	25.2	37.8#

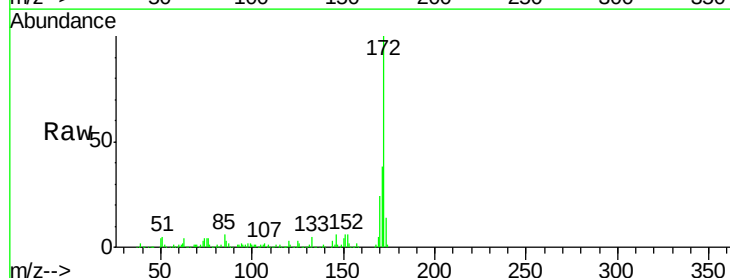


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

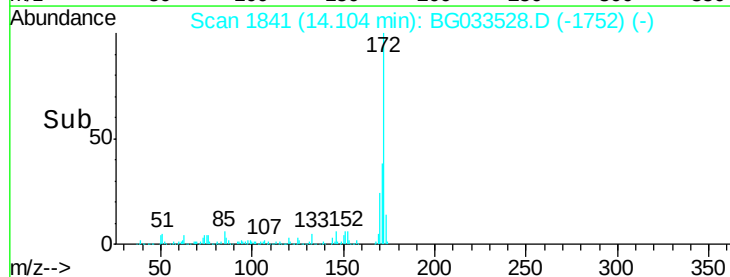
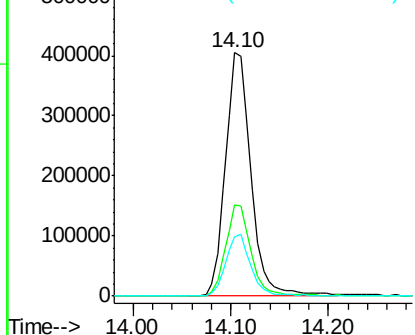


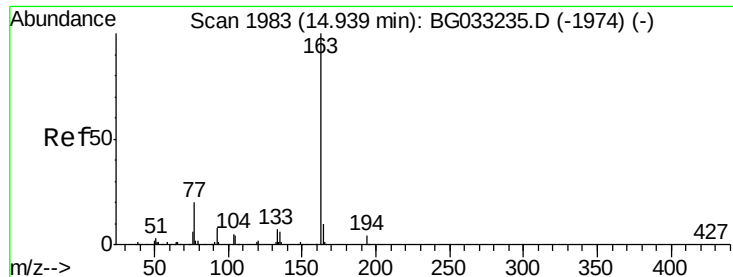
#44
 2-Fluorobiphenyl
 Concen: 91.087 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033528.D
 Acq: 3 Apr 2018 16:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.3	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





#49

Dimethylphthalate

Concen: 4.826 ng

RT: 14.90 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG033528.D

Acq: 3 Apr 2018 16:35

Instrument :

BNA_G

ClientSampleId :

4538-9

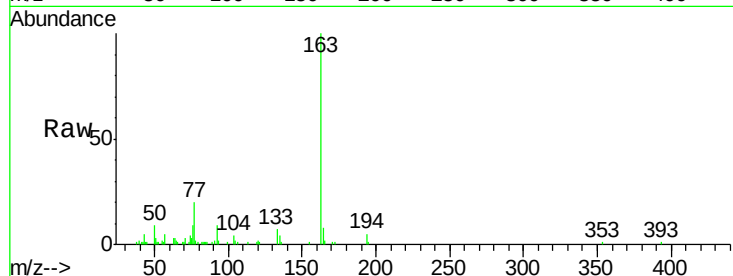
Tot Ion:163 Resp: 49080

Ion Ratio Lower Upper

163 100

194 5.4 3.4 5.2#

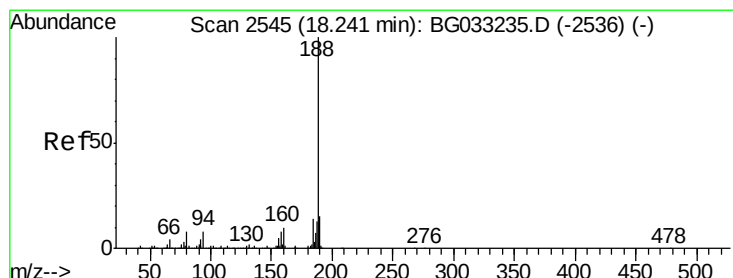
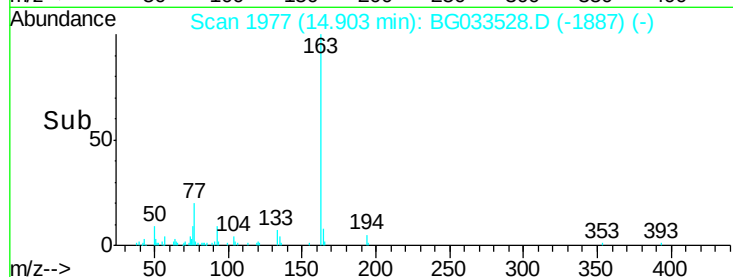
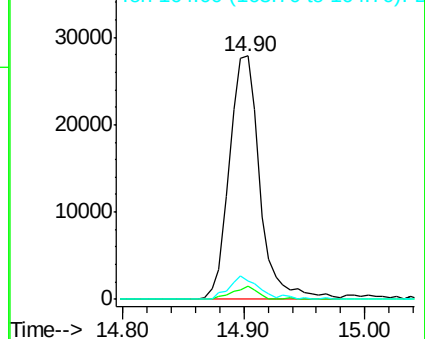
164 7.5 8.2 12.4#



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# 2540

Delta R.T. -0.00 min

Lab File: BG033528.D

Acq: 3 Apr 2018 16:35

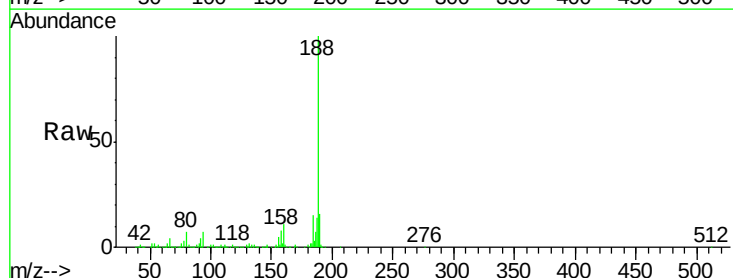
Tgt Ion:188 Resp: 317074

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

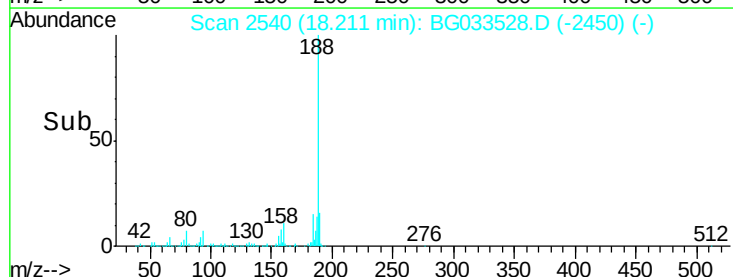
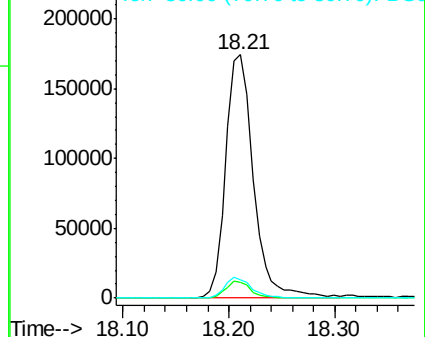
80 7.3 7.7 11.5#

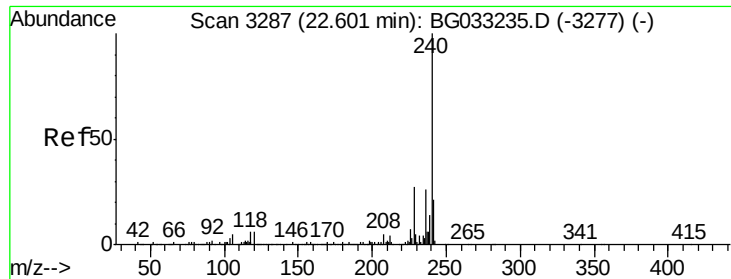


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.00 min

Lab File: BG033528.D

Acq: 3 Apr 2018 16:35

Instrument :

BNA_G

ClientSampleId :

4538-9

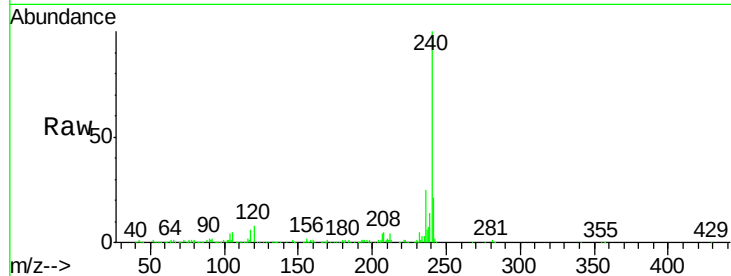
Tot Ion:240 Resp: 339623

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

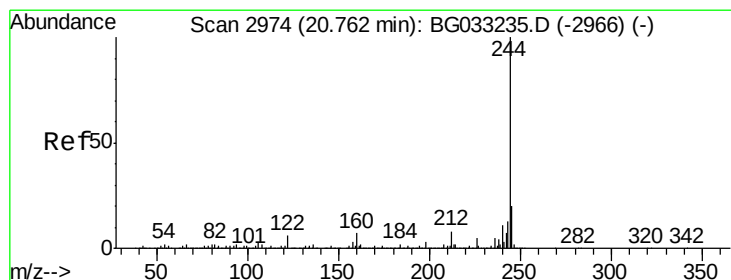
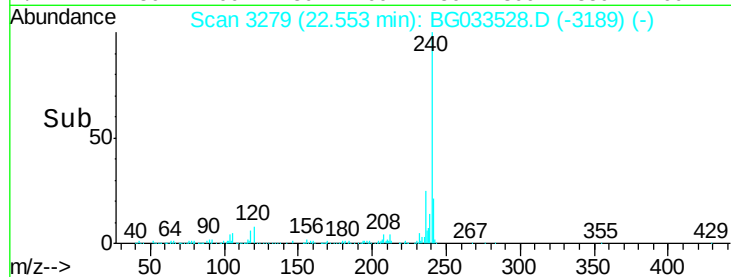
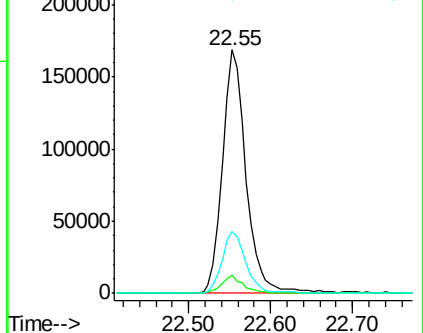
236 25.4 20.9 31.3



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: 91.334 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033528.D

Acq: 3 Apr 2018 16:35

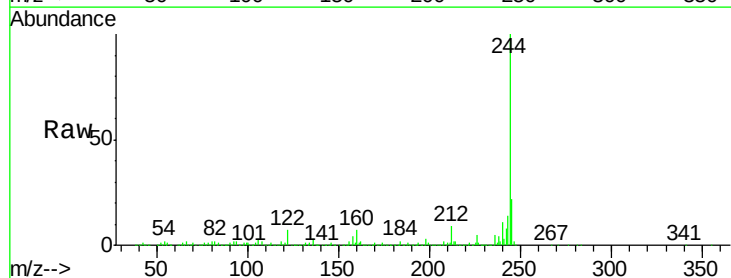
Tgt Ion:244 Resp: 1450434

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

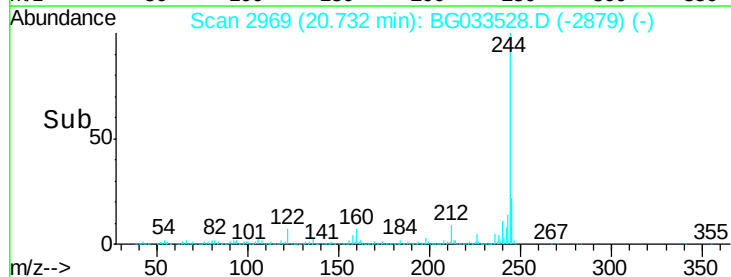
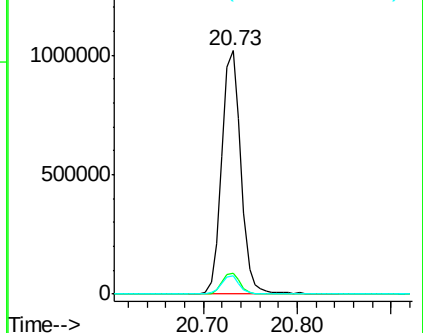
122 7.4 7.0 10.4

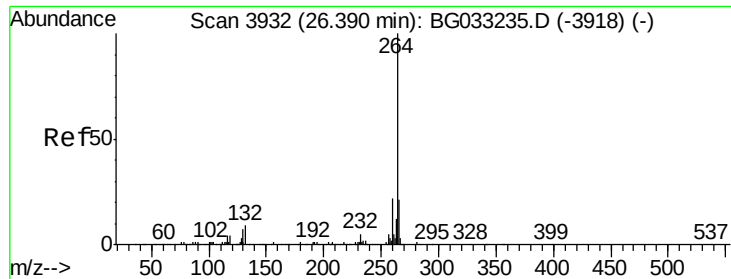


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3921
Delta R.T. 0.01 min
Lab File: BG033528.D
Acq: 3 Apr 2018 16:35

Instrument :
BNA_G
ClientSampleId :
4538-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	21.1	17.7	26.5

