

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
 Data File : BG033688.D
 Acq On : 9 Apr 2018 19:47
 Operator : SJ/JU
 Sample : J2236-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP-01

Quant Time: Apr 10 07:18:42 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

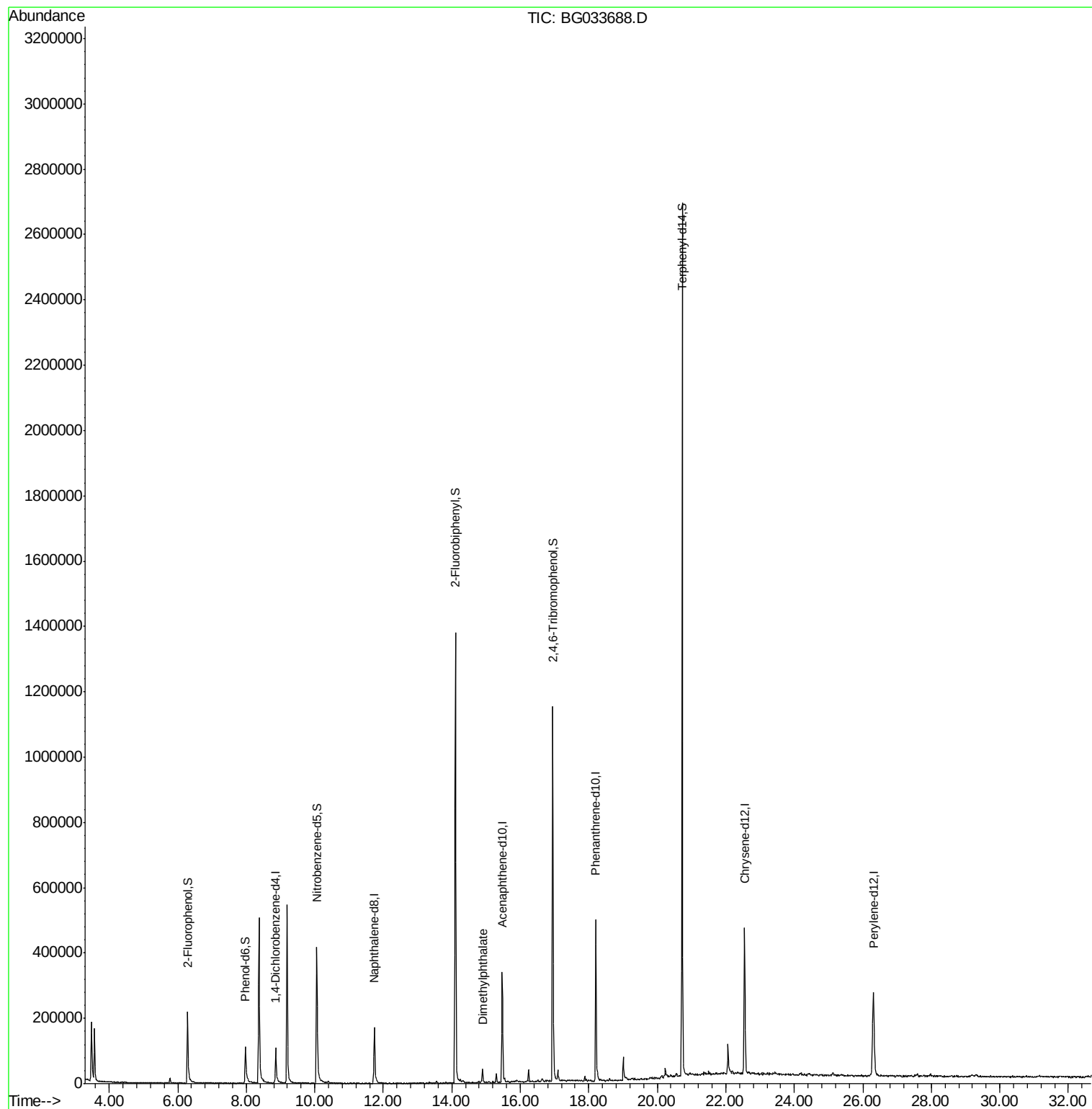
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	37928	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	169315	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	126780	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	327286	20.00	ng	0.00
75) Chrysene-d12	22.55	240	334353	20.00	ng	0.00
86) Perylene-d12	26.31	264	351546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	115645	57.17	ng	0.00
7) Phenol-d6	7.97	99	91546	26.34	ng	0.00
23) Nitrobenzene-d5	10.06	82	334612	90.80	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	216866	114.37	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	780763	88.90	ng	0.00
78) Terphenyl-d14	20.73	244	1263988	80.85	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.90	163	26721	2.422	ng	Qvalue # 97

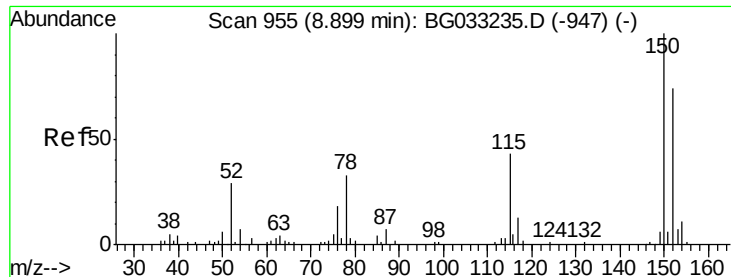
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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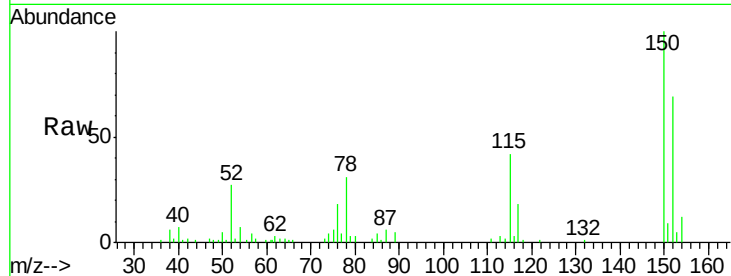


#1

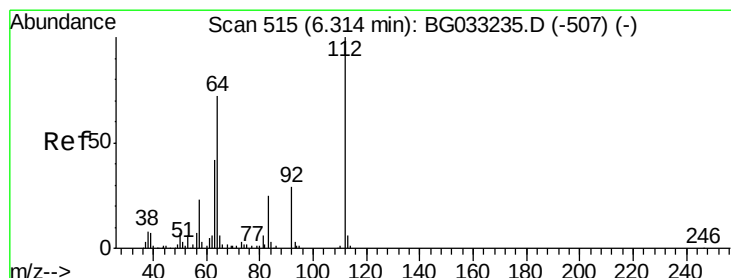
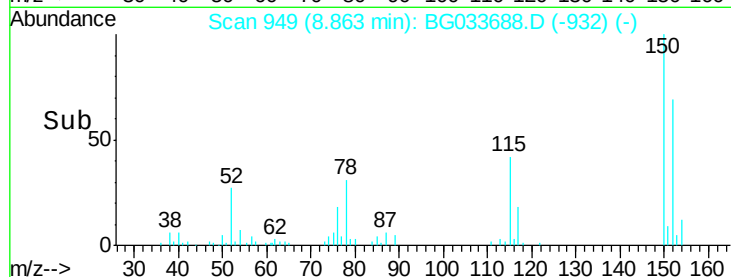
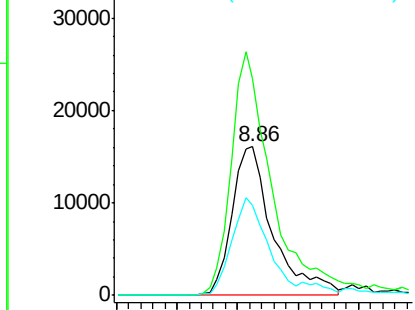
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033688.D
Acq: 9 Apr 2018 19:47

Instrument :
BNA_G
ClientSampleId :
DUP-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	126.6	189.8
115	61.0	53.0	79.4



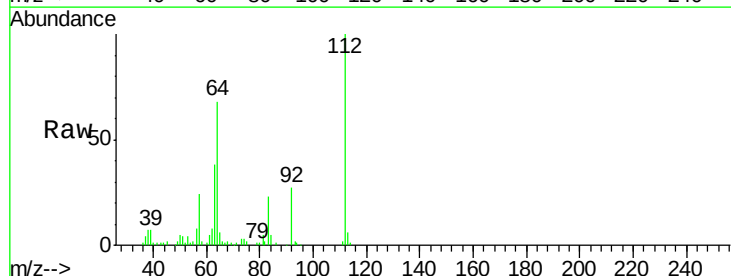
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



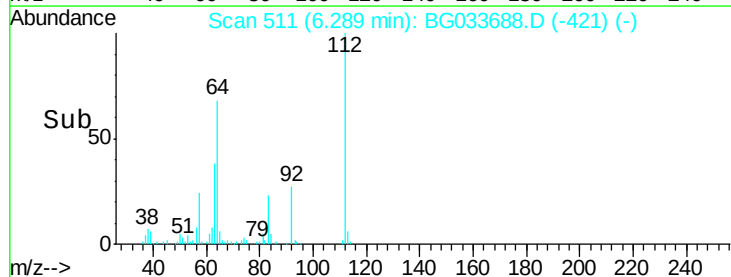
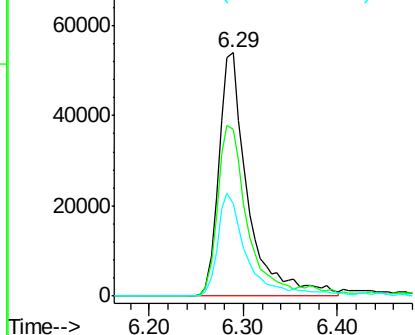
#5

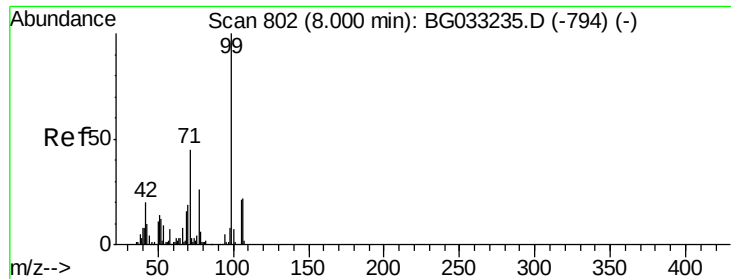
2-Fluorophenol
Concen: 57.174 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033688.D
Acq: 9 Apr 2018 19:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	56.3	84.5
63	38.2	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: 26.341 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033688.D

Acq: 9 Apr 2018 19:47

Instrument :

BNA_G

ClientSampleId :

DUP-01

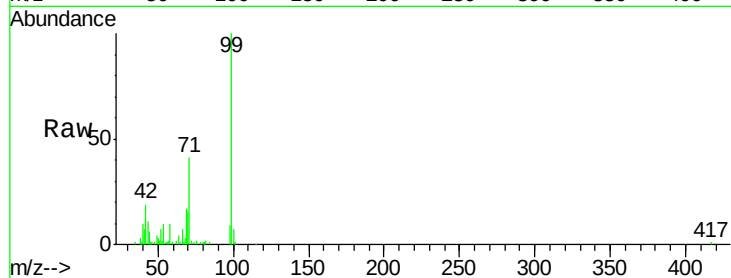
Tot Ion: 99 Resp: 91546

Ion Ratio Lower Upper

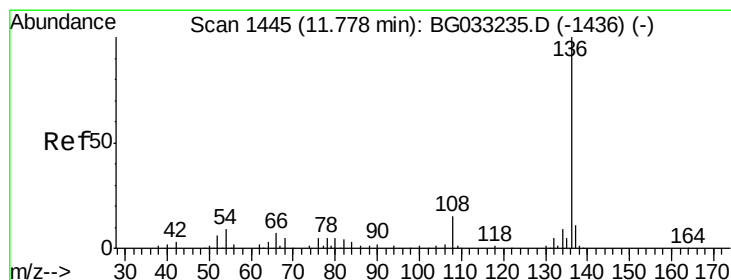
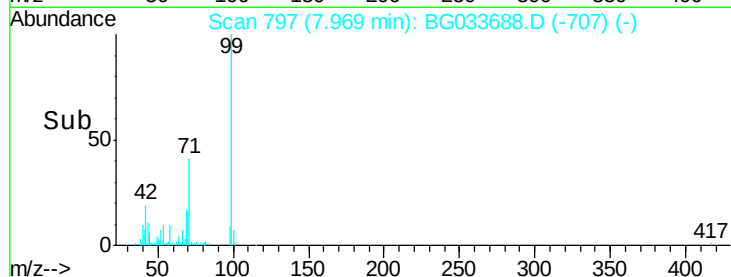
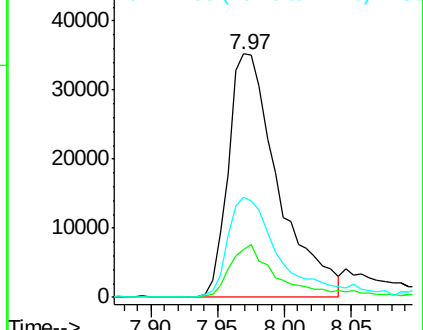
99 100

42 19.4 14.1 21.1

71 41.0 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# 1438

Delta R.T. -0.01 min

Lab File: BG033688.D

Acq: 9 Apr 2018 19:47

Tgt Ion: 136 Resp: 169315

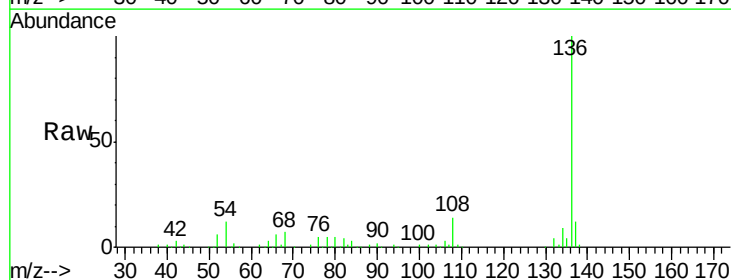
Ion Ratio Lower Upper

136 100

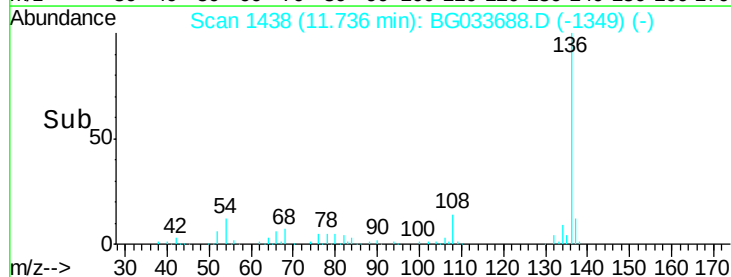
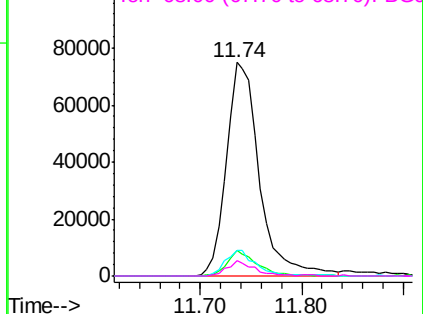
137 11.8 9.2 13.8

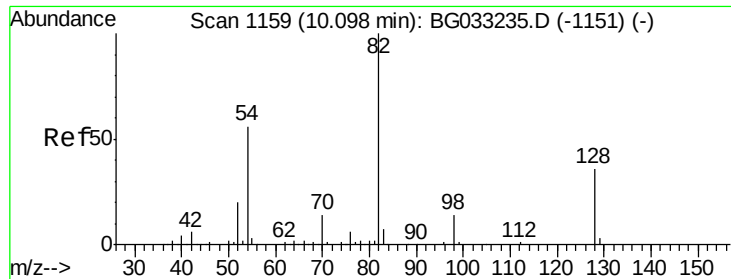
54 11.8 10.3 15.5

68 7.2 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

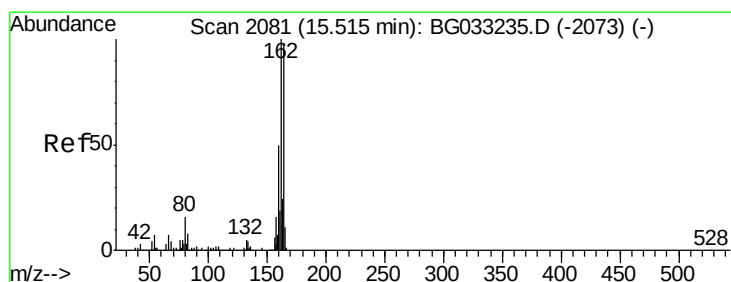
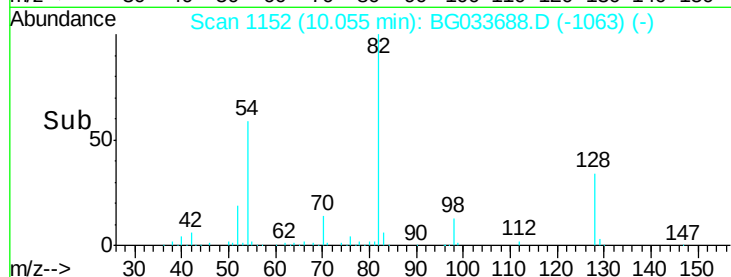
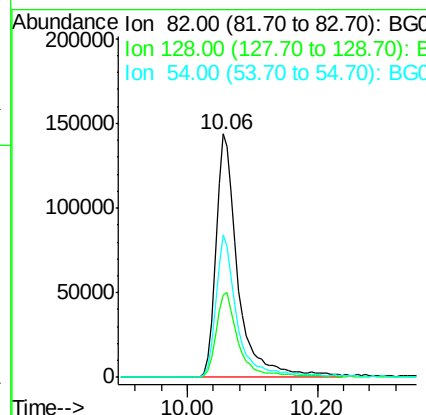
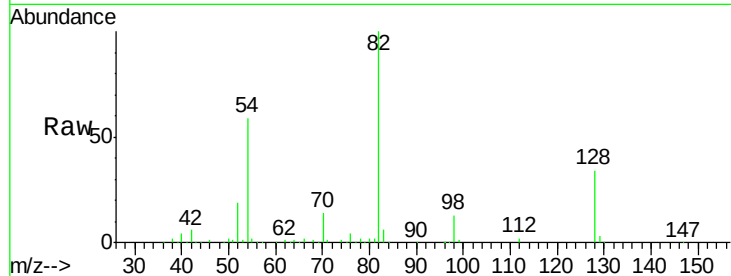




#23
 Nitrobenzene-d5
 Concen: 90.798 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG033688.D
 Acq: 9 Apr 2018 19:47

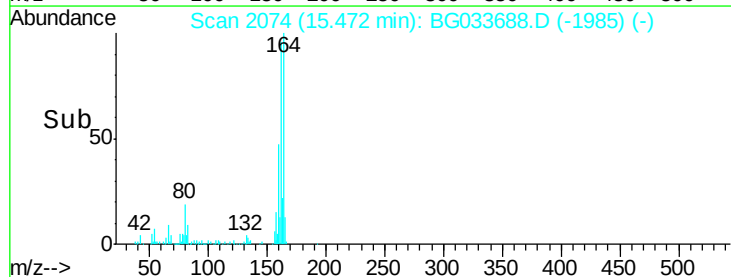
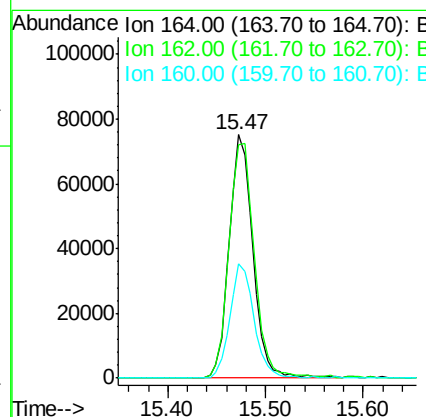
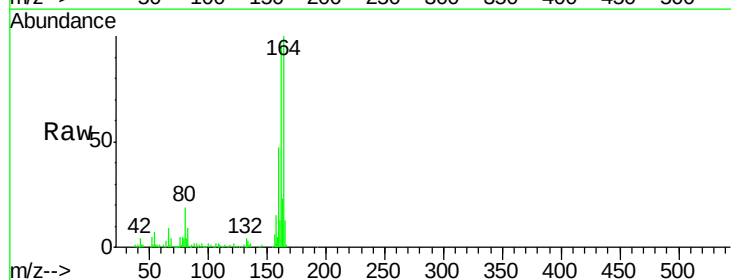
Instrument :
 BNA_G
 ClientSampleId :
 DUP-01

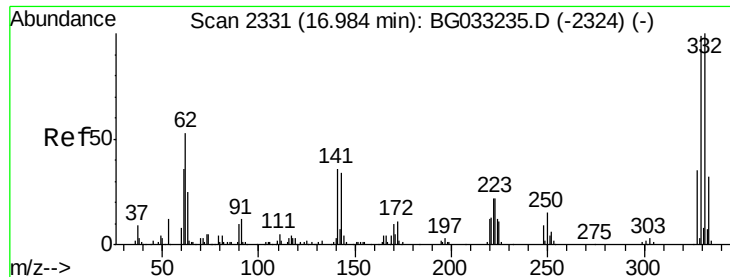
Tot Ion	82	Resp	334612
Ion Ratio	Lower	Upper	
82	100		
128	33.6	29.7	44.5
54	58.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG033688.D
 Acq: 9 Apr 2018 19:47

Tgt Ion	164	Resp	126780
Ion Ratio	Lower	Upper	
164	100		
162	95.8	78.8	118.2
160	47.0	35.4	53.0

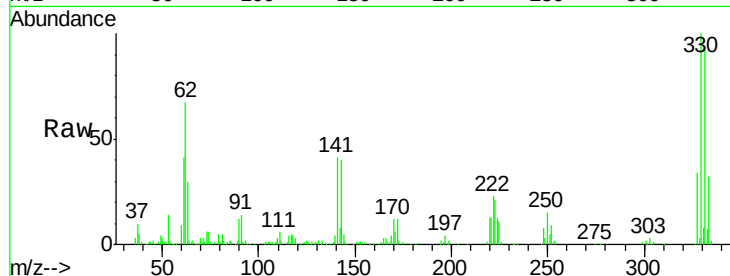




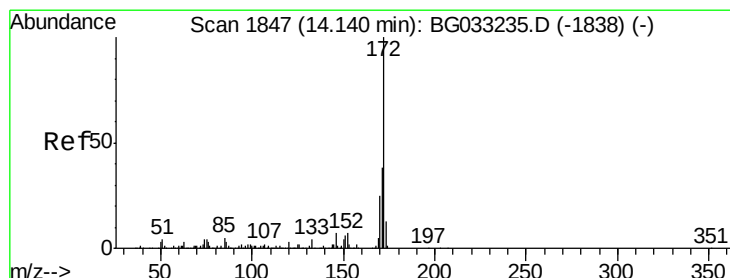
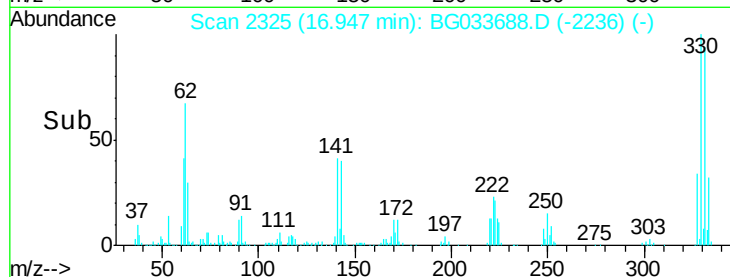
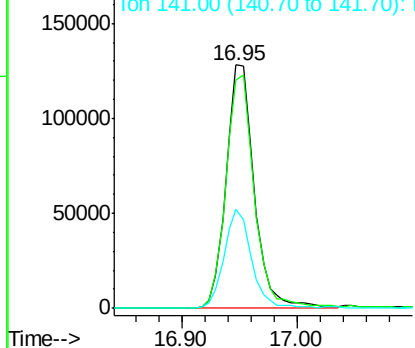
#41
 2,4,6-Tribromophenol
 Concen: 114.372 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033688.D
 Acq: 9 Apr 2018 19:47

Instrument :
 BNA_G
 ClientSampleId :
 DUP-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	39.7	25.2	37.8#

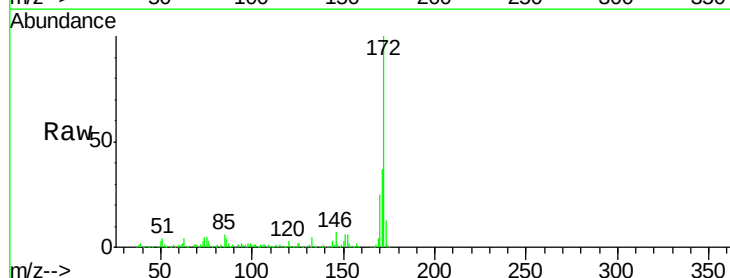


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

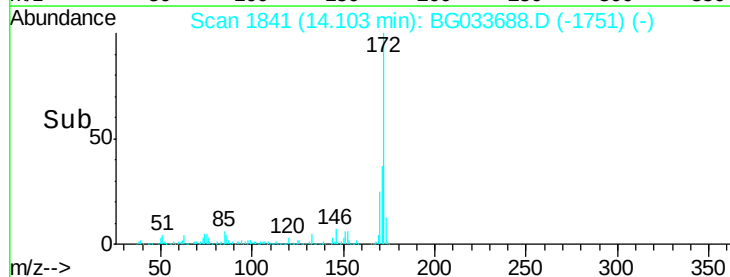
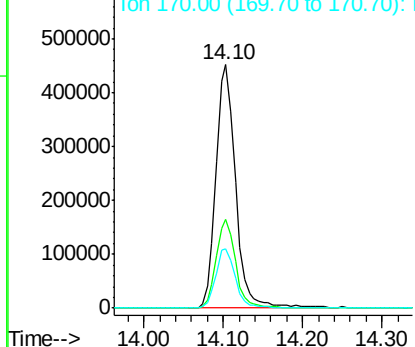


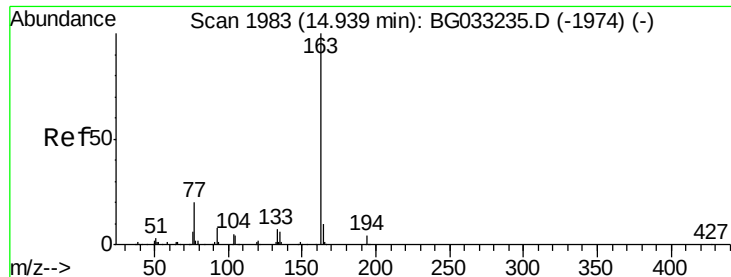
#44
 2-Fluorobiphenyl
 Concen: 88.905 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033688.D
 Acq: 9 Apr 2018 19:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	24.5	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: 2.422 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG033688.D

Acq: 9 Apr 2018 19:47

Instrument :

BNA_G

ClientSampleId :

DUP-01

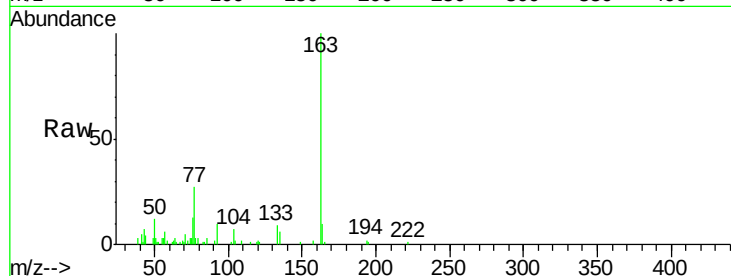
Tot Ion:163 Resp: 26721

Ion Ratio Lower Upper

163 100

194 2.0 3.4 5.2#

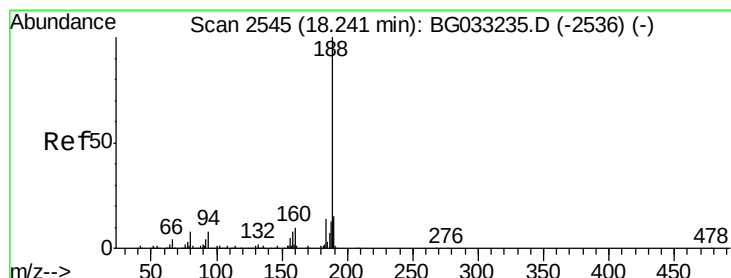
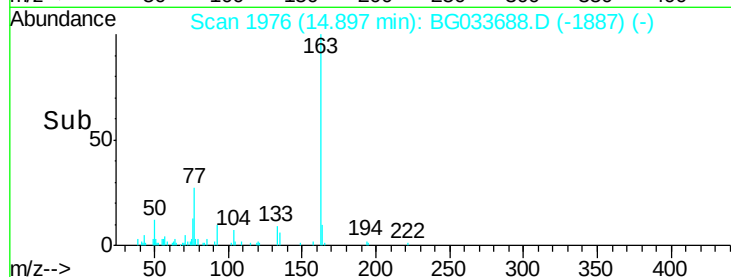
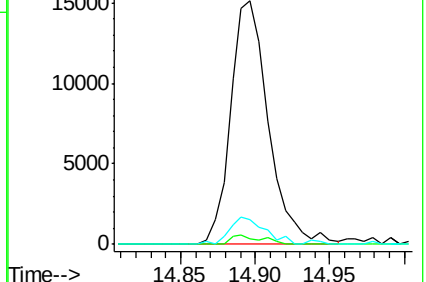
164 10.0 8.2 12.4



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: 18.20 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG033688.D

Acq: 9 Apr 2018 19:47

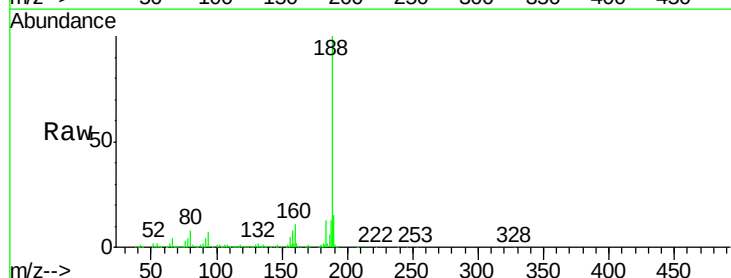
Tgt Ion:188 Resp: 327286

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

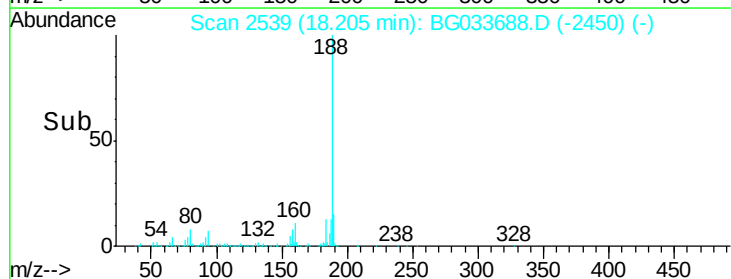
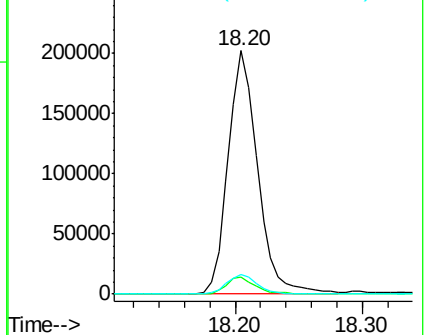
80 8.2 7.7 11.5

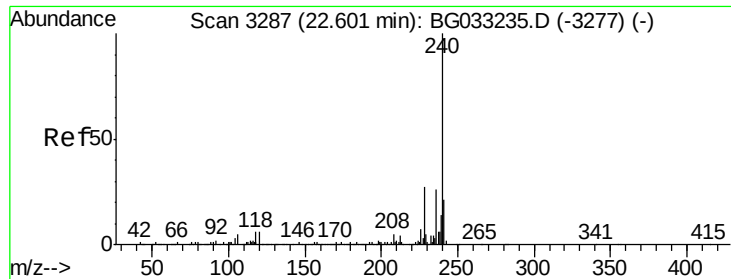


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG033688.D

Acq: 9 Apr 2018 19:47

Instrument :

BNA_G

ClientSampleId :

DUP-01

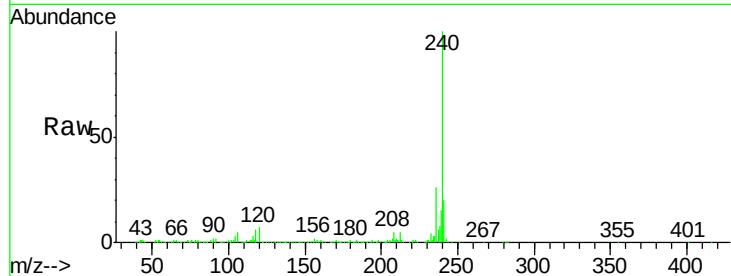
Tot Ion:240 Resp: 334353

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

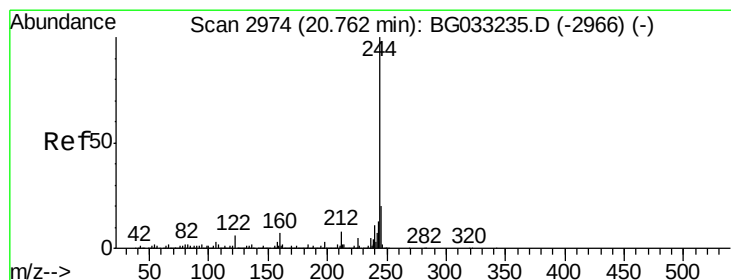
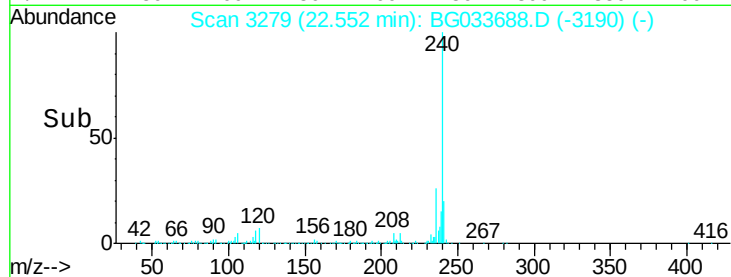
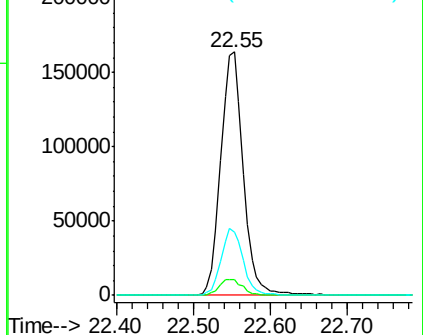
236 26.1 20.9 31.3



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: 80.848 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033688.D

Acq: 9 Apr 2018 19:47

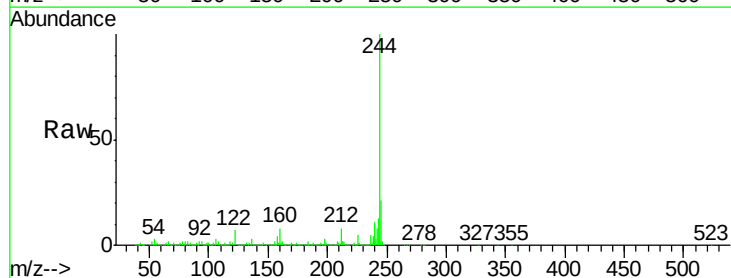
Tgt Ion:244 Resp: 1263988

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

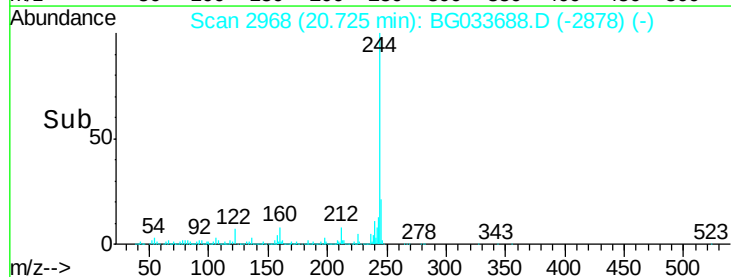
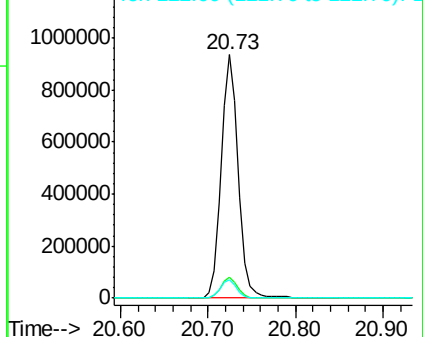
122 7.4 7.0 10.4

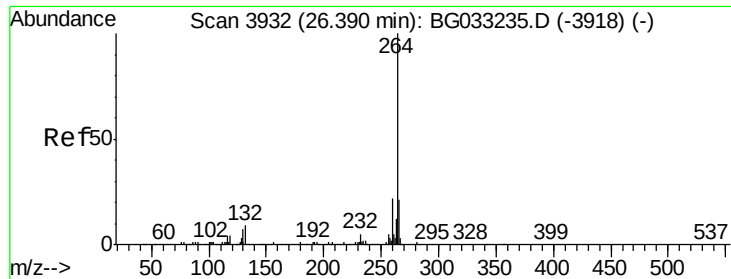


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.31 min Scan# 3919
Delta R.T. -0.01 min
Lab File: BG033688.D
Acq: 9 Apr 2018 19:47

Instrument :
BNA_G
ClientSampleId :
DUP-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.2	17.7	26.5

