

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033289.D
 Acq On : 21 Mar 2018 5:50
 Operator : SJ/JU
 Sample : PB107504BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107504BL

Quant Time: Mar 21 06:45:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	34328	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	143510	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	113774	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	314488	20.00	ng	0.00
75) Chrysene-d12	22.60	240	334569	20.00	ng	0.00
86) Perylene-d12	26.40	264	341615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	325853	177.99	ng	0.00
7) Phenol-d6	7.99	99	476923	151.62	ng	0.00
23) Nitrobenzene-d5	10.09	82	293283	93.89	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	174287	102.42	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	752610	95.50	ng	0.00
78) Terphenyl-d14	20.76	244	1482935	94.79	ng	0.00

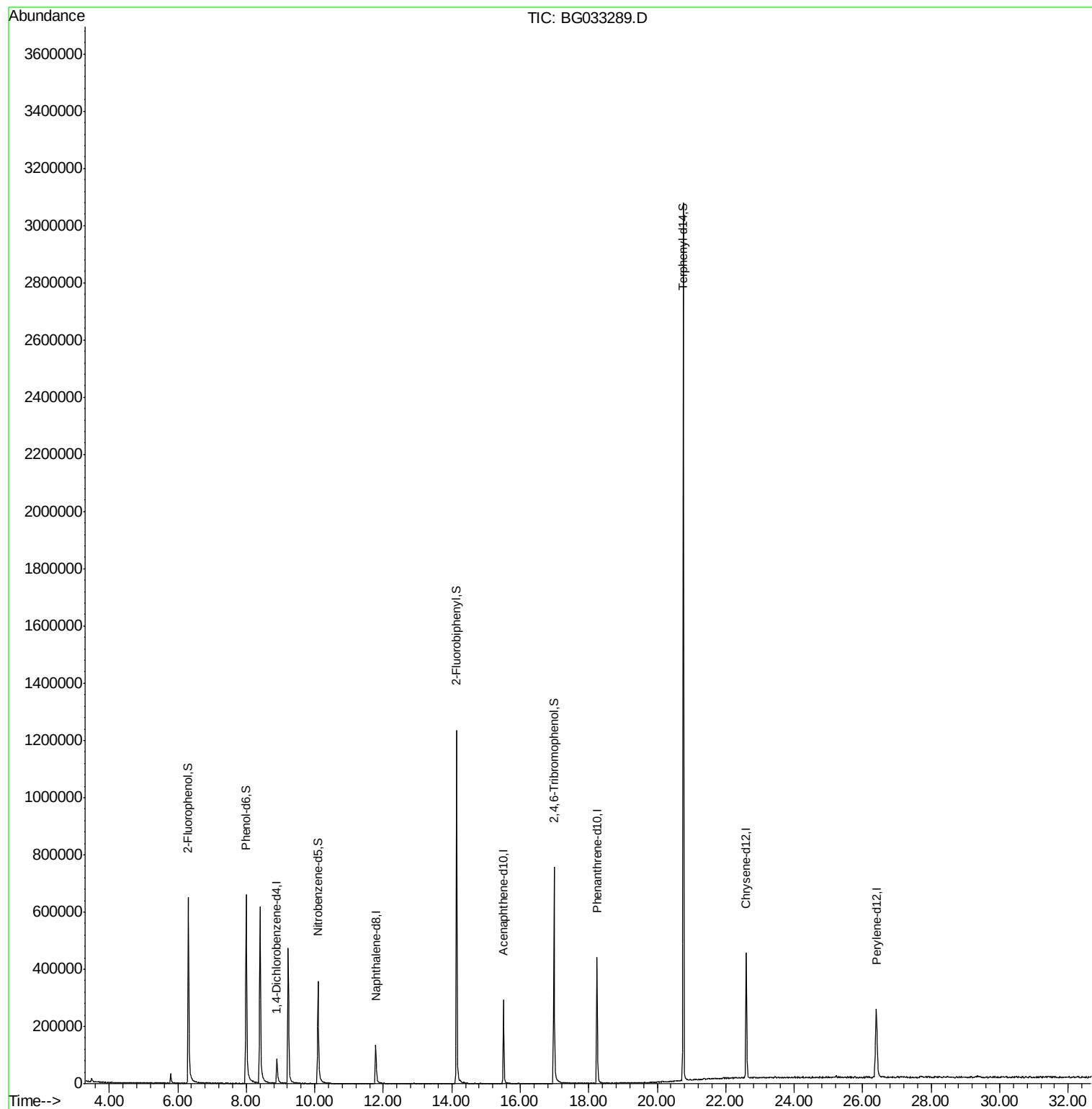
Target Compounds Qvalue

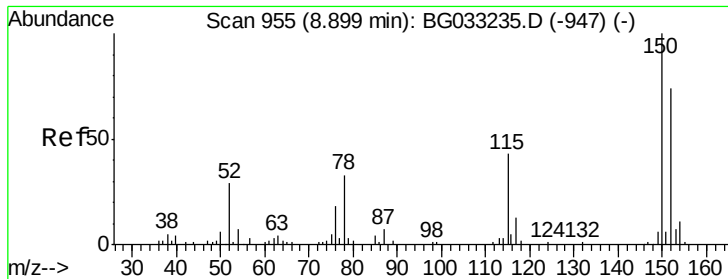
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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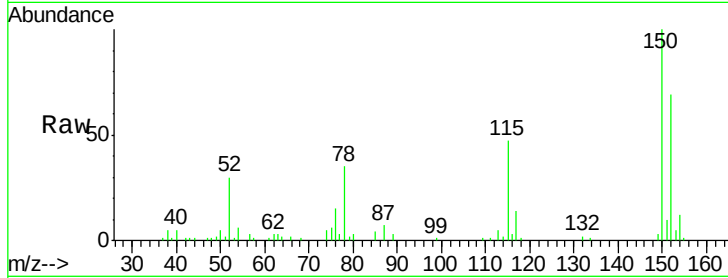


#1

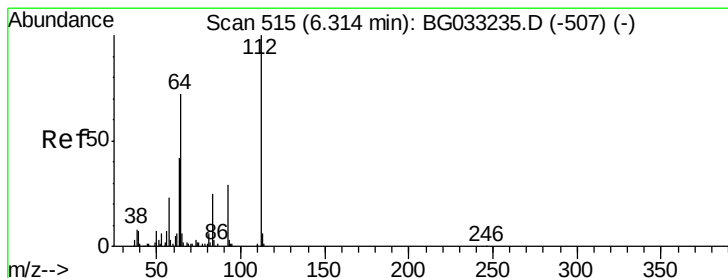
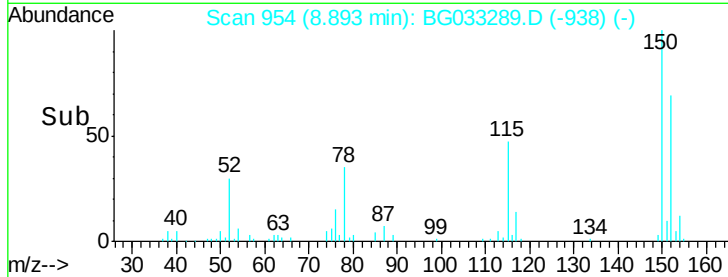
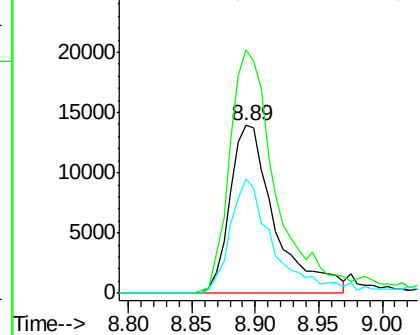
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033289.D
Acq: 21 Mar 2018 5:50

Instrument :
BNA_G
ClientSampleId :
PB107504BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.1	126.6	189.8
115	67.9	53.0	79.4



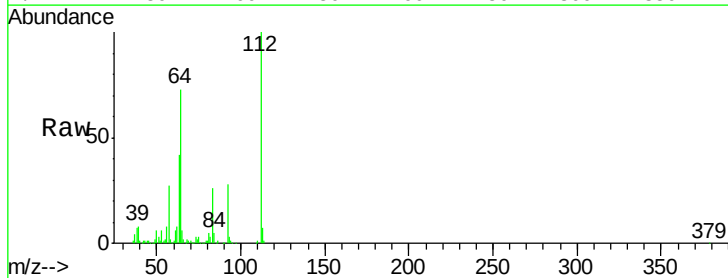
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



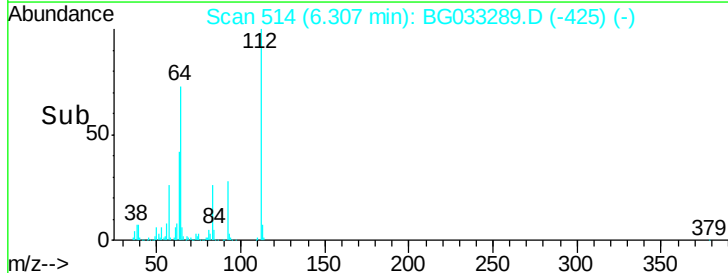
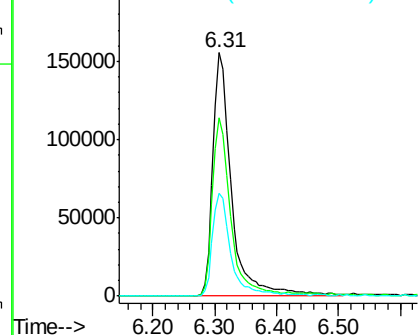
#5

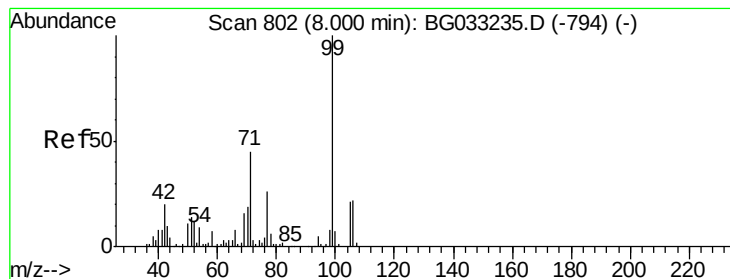
2-Fluorophenol
Concen: 177.993 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.01 min
Lab File: BG033289.D
Acq: 21 Mar 2018 5:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.1	56.3	84.5
63	42.0	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: 151.619 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.01 min

Lab File: BG033289.D

Acq: 21 Mar 2018 5:50

Instrument :

BNA_G

ClientSampled :

PB107504BL

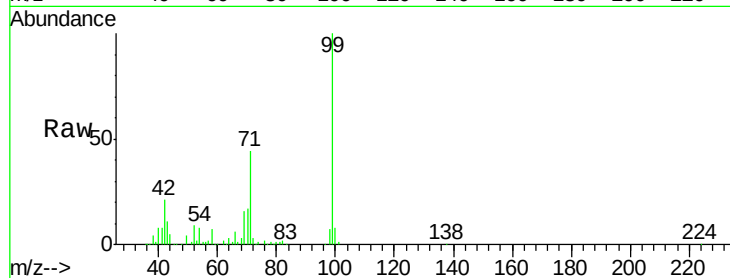
Tot Ion: 99 Resp: 476923

Ion Ratio Lower Upper

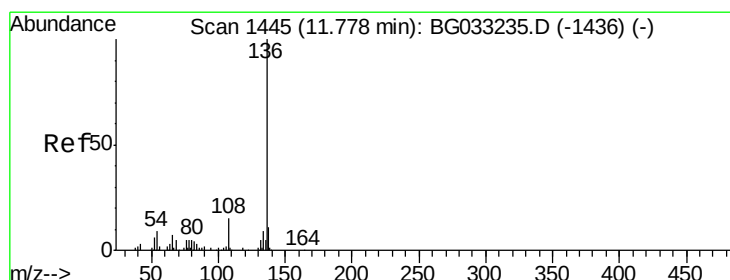
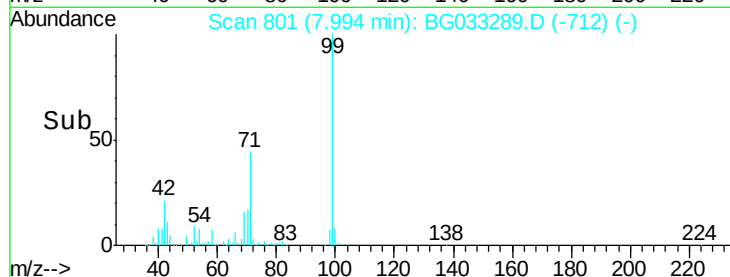
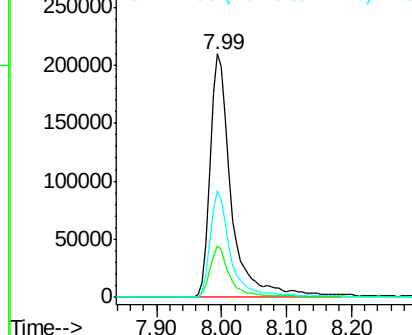
99 100

42 21.0 14.1 21.1

71 43.7 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: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG033289.D

Acq: 21 Mar 2018 5:50

Tgt Ion: 136 Resp: 143510

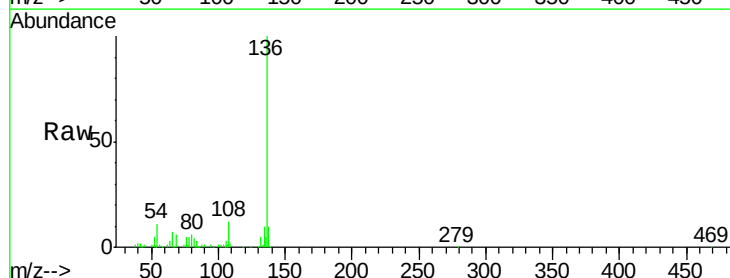
Ion Ratio Lower Upper

136 100

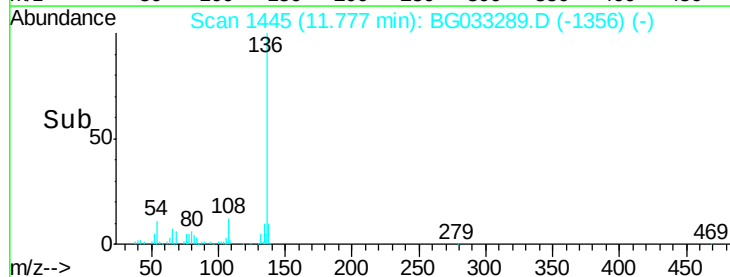
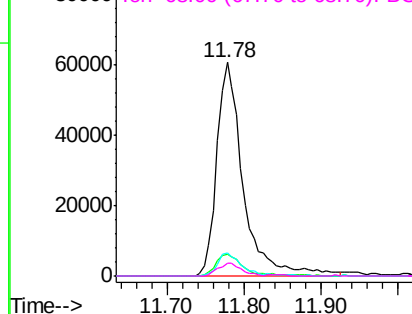
137 10.3 9.2 13.8

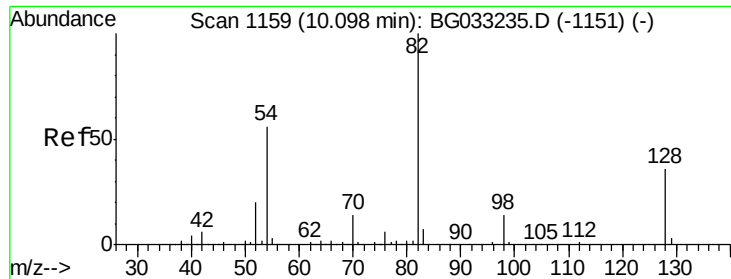
54 10.9 10.3 15.5

68 5.9 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: 93.893 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG033289.D

Acq: 21 Mar 2018 5:50

Instrument :

BNA_G

ClientSampleId :

PB107504BL

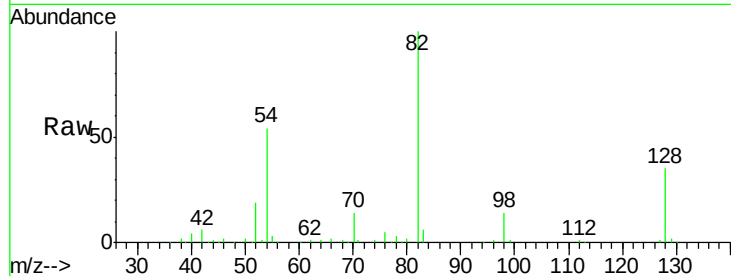
Tot Ion: 82 Resp: 293283

Ion Ratio Lower Upper

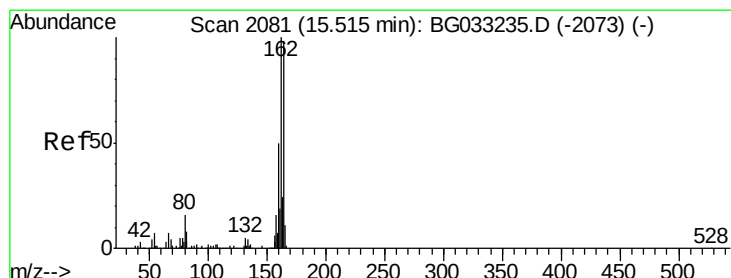
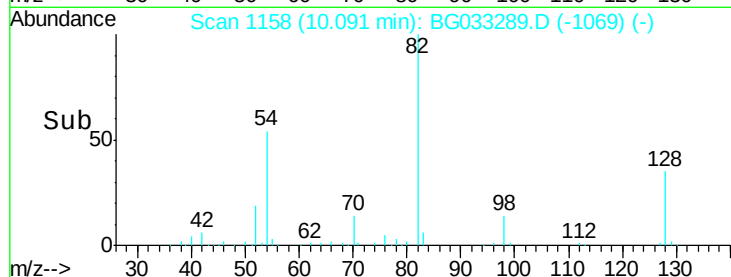
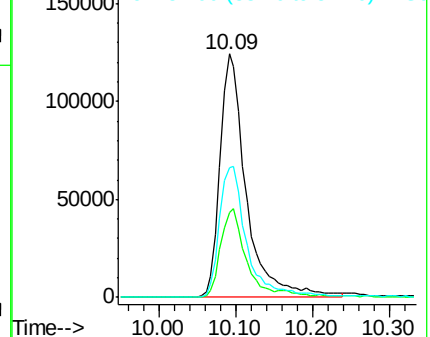
82 100

128 34.7 29.7 44.5

54 53.5 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG033289.D

Acq: 21 Mar 2018 5:50

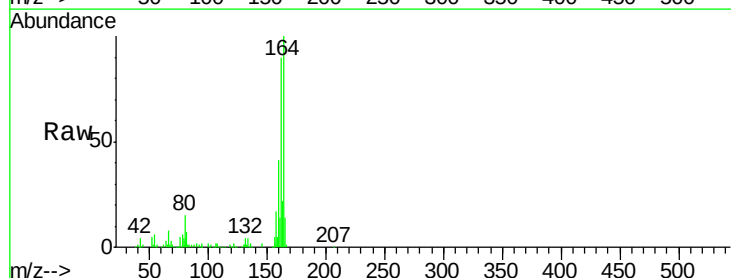
Tgt Ion: 164 Resp: 113774

Ion Ratio Lower Upper

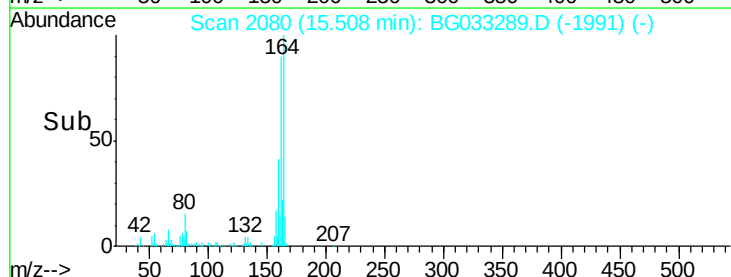
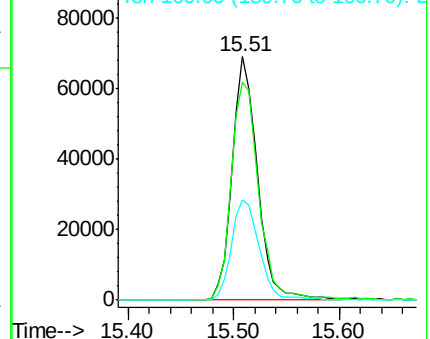
164 100

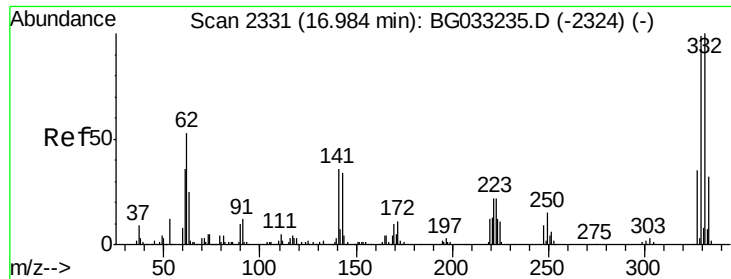
162 89.6 78.8 118.2

160 41.1 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

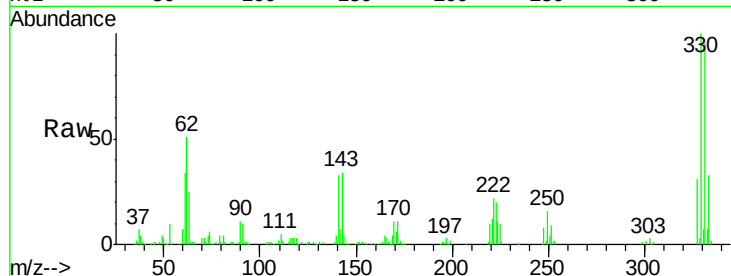




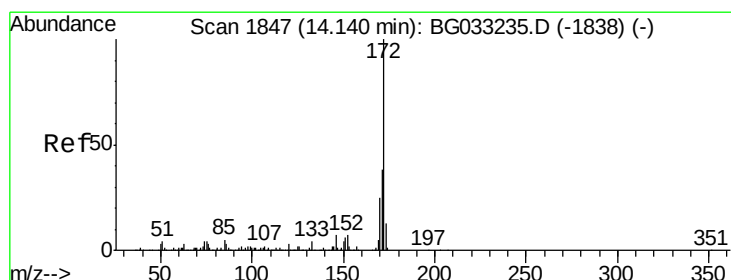
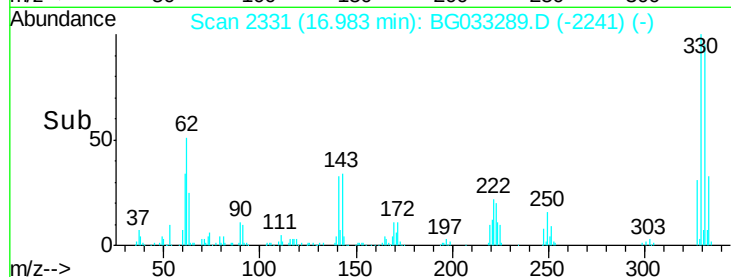
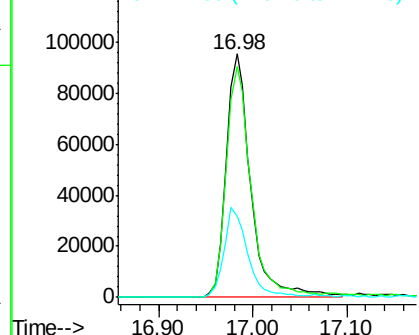
#41
 2,4,6-Tribromophenol
 Concen: 102.424 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG033289.D
 Acq: 21 Mar 2018 5:50

Instrument :
 BNA_G
 ClientSampleId :
 PB107504BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	35.6	25.2	37.8

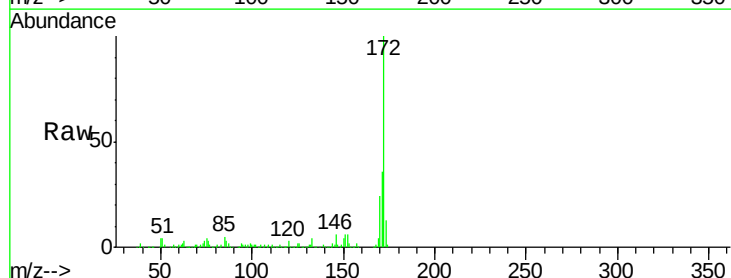


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

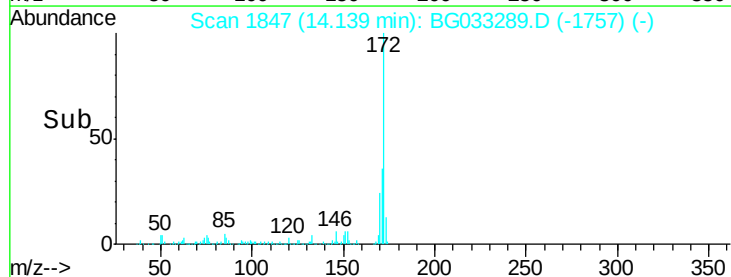
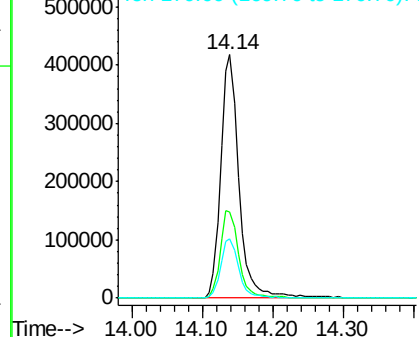


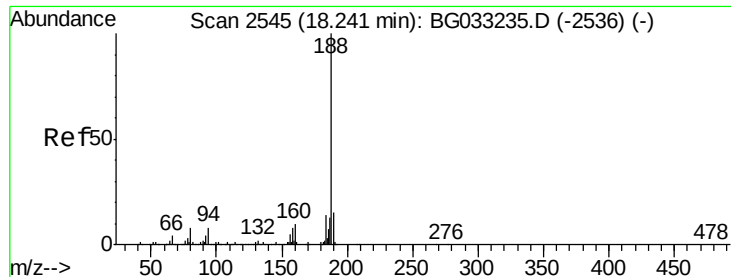
#44
 2-Fluorobiphenyl
 Concen: 95.496 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033289.D
 Acq: 21 Mar 2018 5:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.24 min Scan# 2545

Delta R.T. -0.00 min

Lab File: BG033289.D

Acq: 21 Mar 2018 5:50

Instrument :

BNA_G

ClientSampleId :

PB107504BL

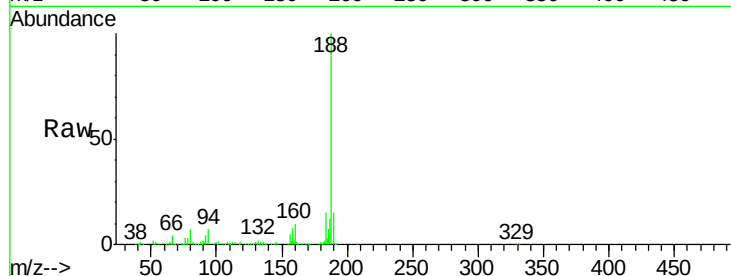
Tot Ion:188 Resp: 314488

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

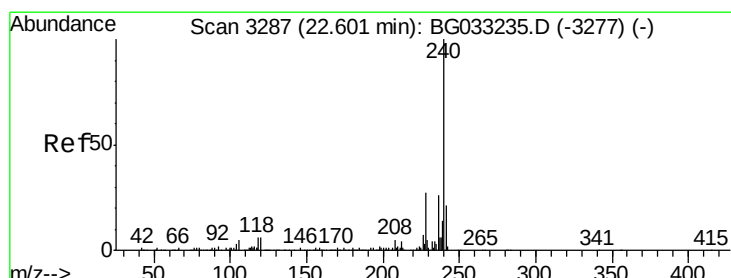
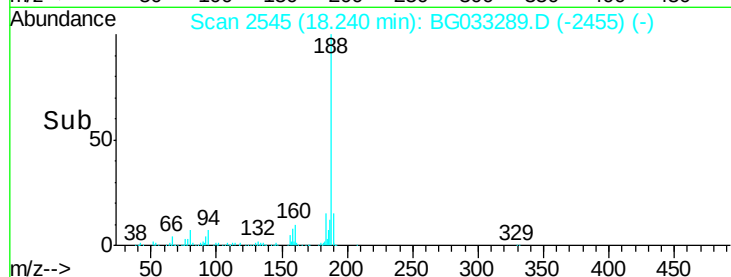
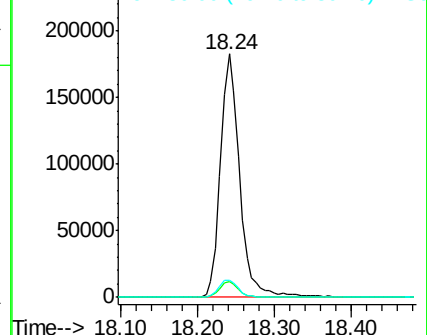
80 6.9 7.7 11.5#



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: 22.60 min Scan# 3287

Delta R.T. -0.00 min

Lab File: BG033289.D

Acq: 21 Mar 2018 5:50

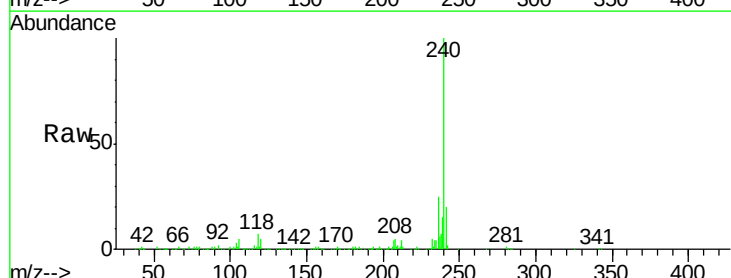
Tgt Ion:240 Resp: 334569

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

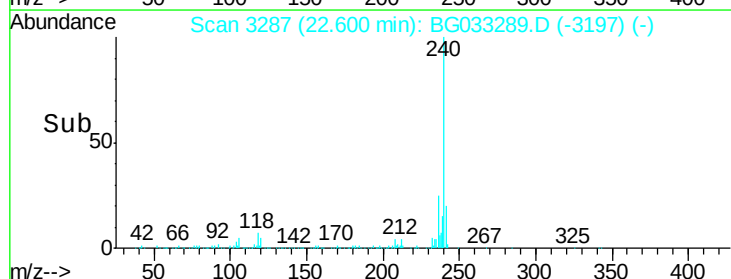
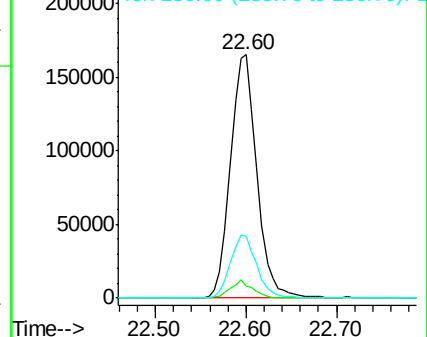
236 25.2 20.9 31.3

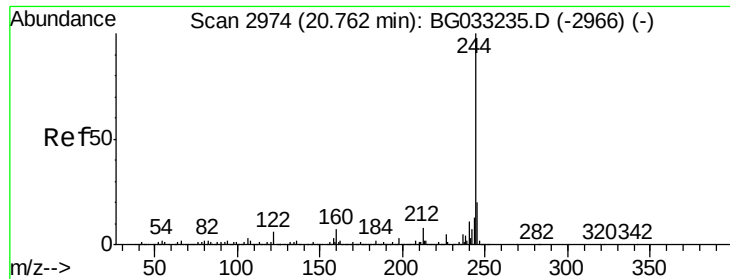


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.791 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BG033289.D

Acq: 21 Mar 2018 5:50

Instrument :

BNA_G

ClientSampled :

PB107504BL

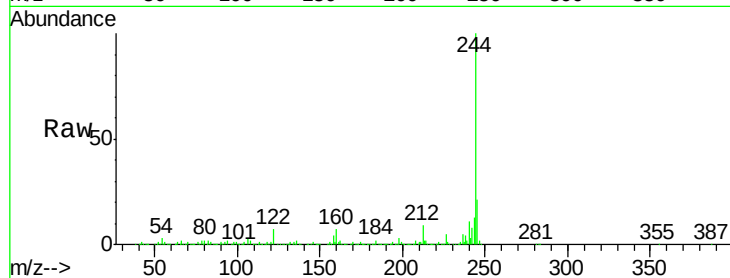
Tot Ion:244 Resp: 1482935

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.1	7.0	10.4

244 100

212 8.7 5.8 8.8

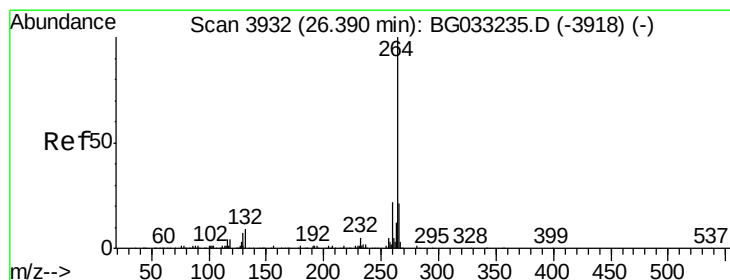
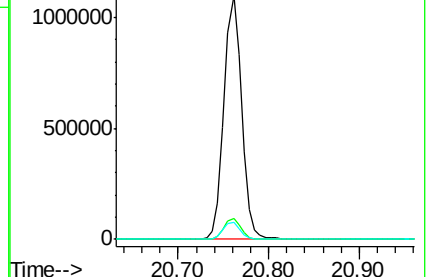
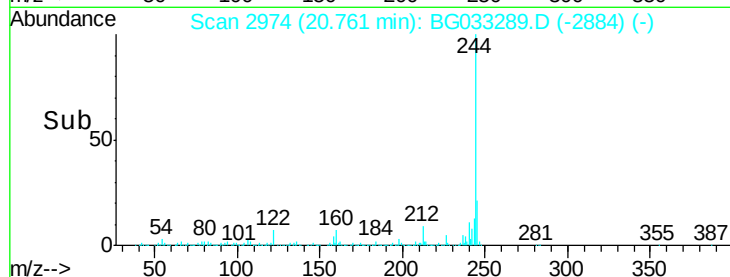
122 7.1 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.40 min Scan# 3933

Delta R.T. -0.00 min

Lab File: BG033289.D

Acq: 21 Mar 2018 5:50

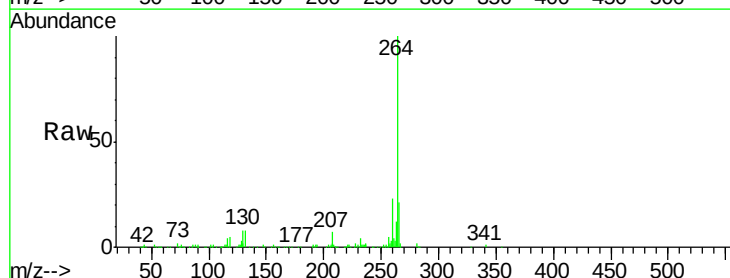
Tgt Ion:264 Resp: 341615

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	21.0	17.7	26.5

264 100

260 22.9 17.4 26.0

265 21.0 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

