

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031536.D
 Acq On : 13 Dec 2017 20:22
 Operator : SJ/JU
 Sample : PB104989TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104989TB

Quant Time: Dec 14 00:36:11 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	41923	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	175863	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	119673	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	373197	20.00	ng	0.00
75) Chrysene-d12	21.75	240	477815	20.00	ng	0.00
86) Perylene-d12	25.03	264	435651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	318627	134.72	ng	0.00
7) Phenol-d6	7.28	99	406374	123.77	ng	0.00
23) Nitrobenzene-d5	9.28	82	228494	80.08	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	207685	148.13	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	684029	83.90	ng	0.00
78) Terphenyl-d14	20.07	244	1731040	82.43	ng	0.00

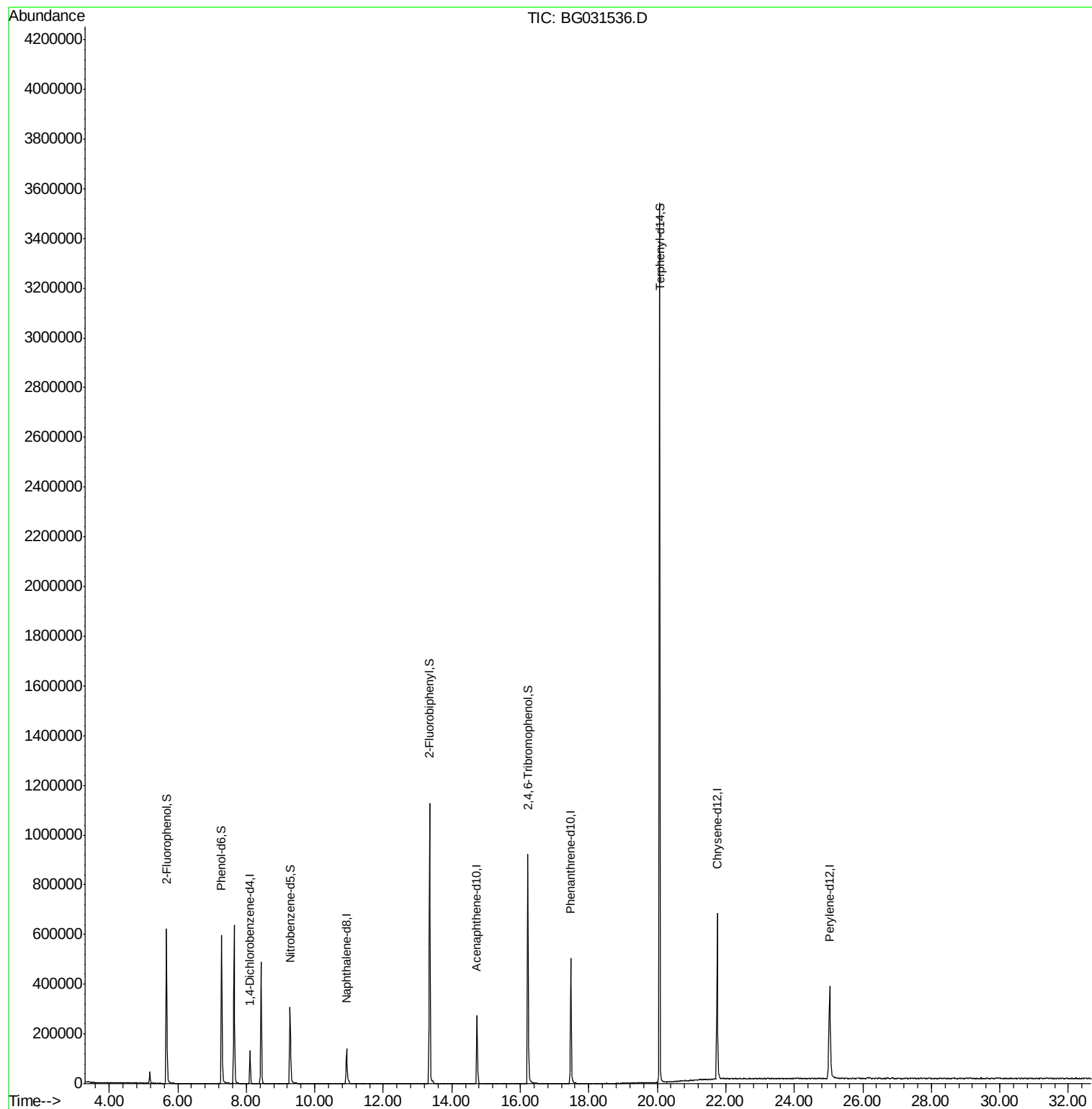
Target Compounds Qvalue

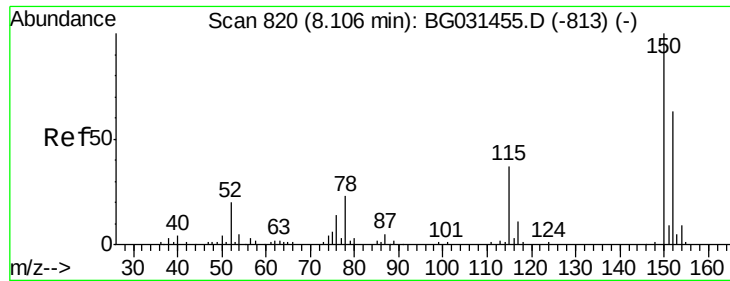
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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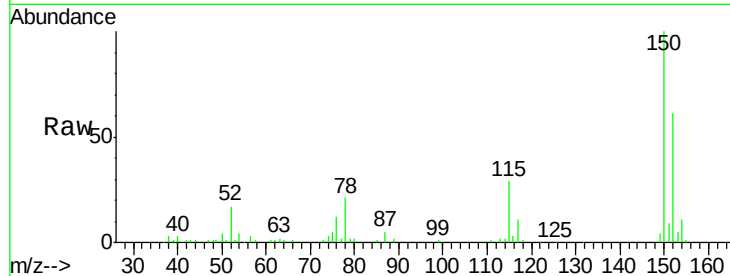


#1

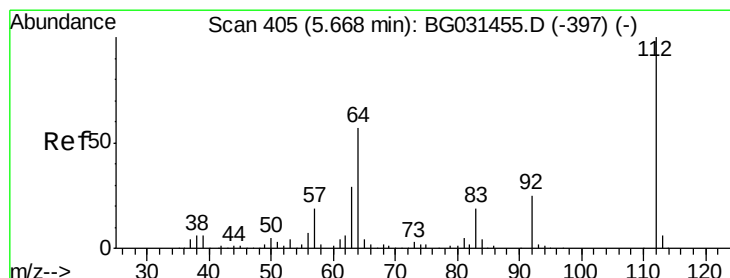
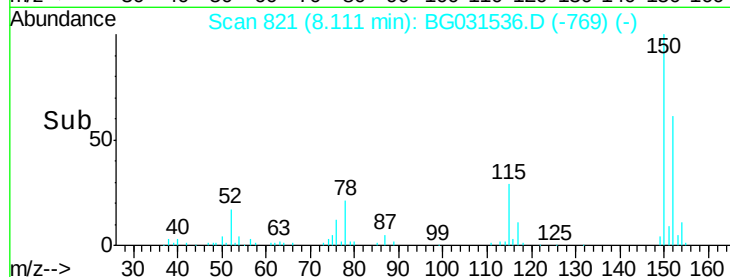
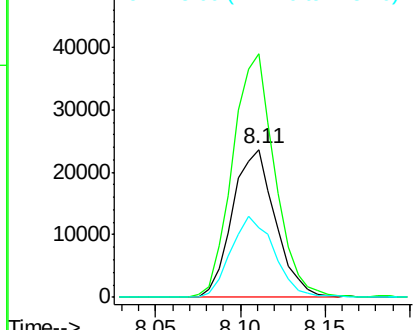
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG031536.D
Acq: 13 Dec 2017 20:22

Instrument :
BNA_G
ClientSampled :
PB104989TB

Tot Ion:152 Resp: 41923
Ion Ratio Lower Upper
152 100
150 164.9 126.6 189.8
115 47.1 53.0 79.4#



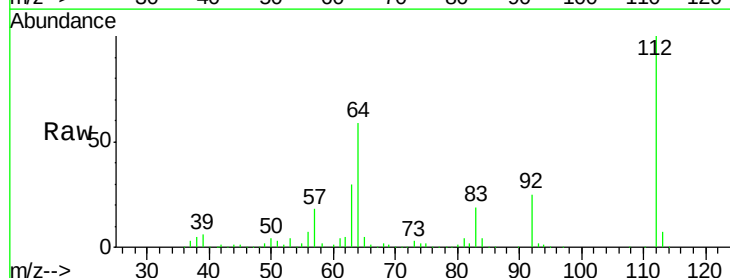
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



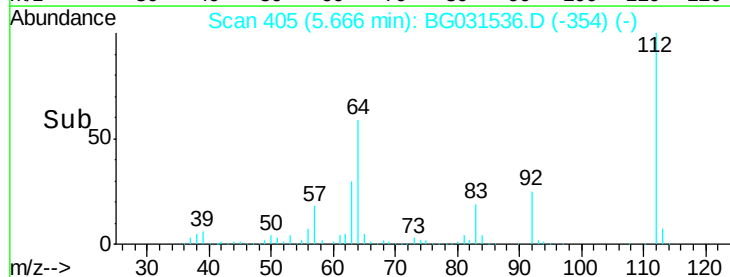
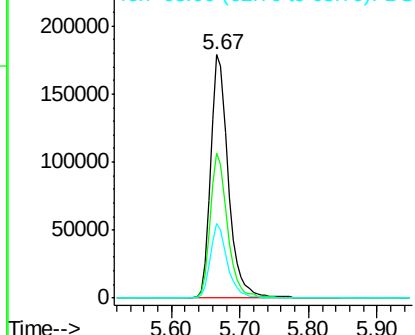
#5

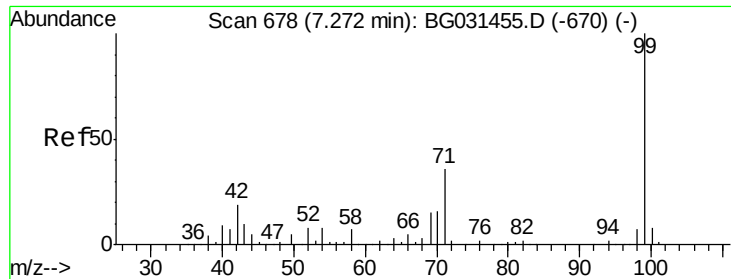
2-Fluorophenol
Concen: 134.717 ng
RT: 5.67 min Scan# 405
Delta R.T. -0.00 min
Lab File: BG031536.D
Acq: 13 Dec 2017 20:22

Tgt Ion:112 Resp: 318627
Ion Ratio Lower Upper
112 100
64 59.3 56.3 84.5
63 30.5 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: 123.766 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG031536.D

Acq: 13 Dec 2017 20:22

Instrument :

BNA_G

ClientSampleId :

PB104989TB

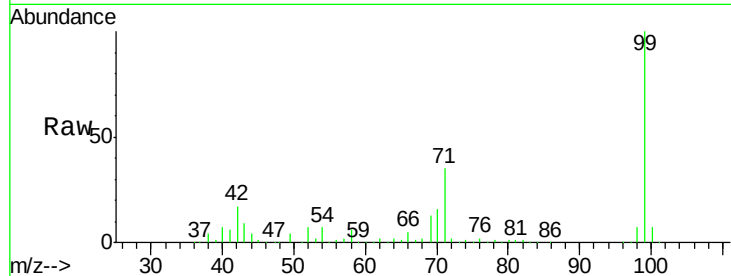
Tot Ion: 99 Resp: 406374

Ion Ratio Lower Upper

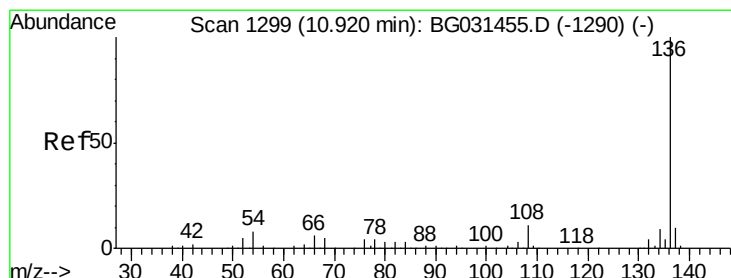
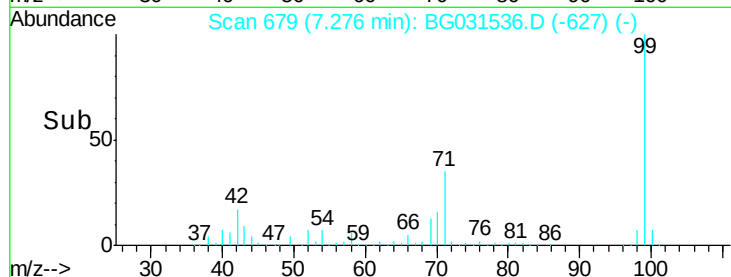
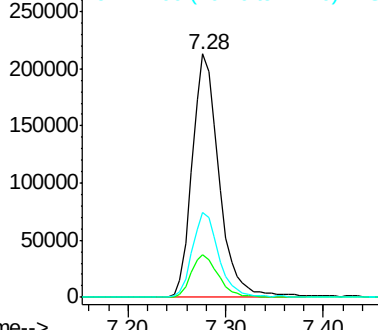
99 100

42 17.4 14.1 21.1

71 34.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BG031536.D

Acq: 13 Dec 2017 20:22

Tgt Ion: 136 Resp: 175863

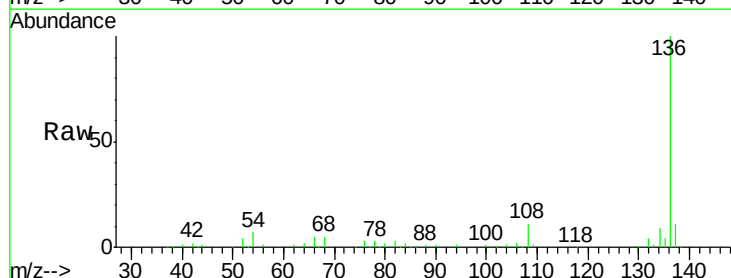
Ion Ratio Lower Upper

136 100

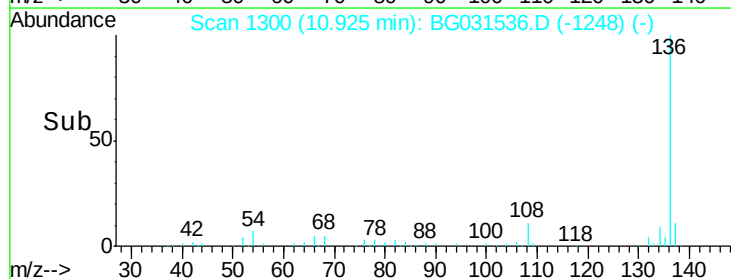
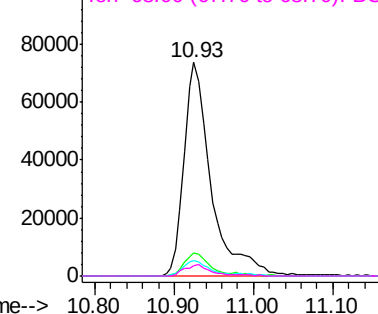
137 10.6 9.2 13.8

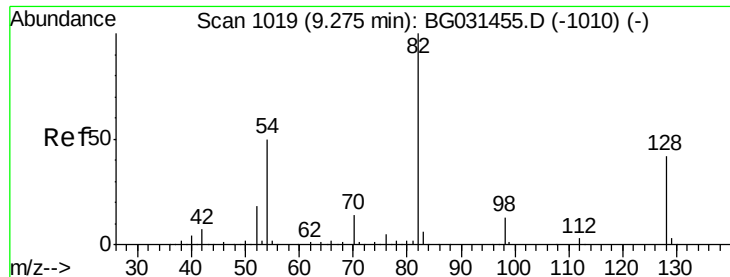
54 7.2 10.3 15.5#

68 4.7 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

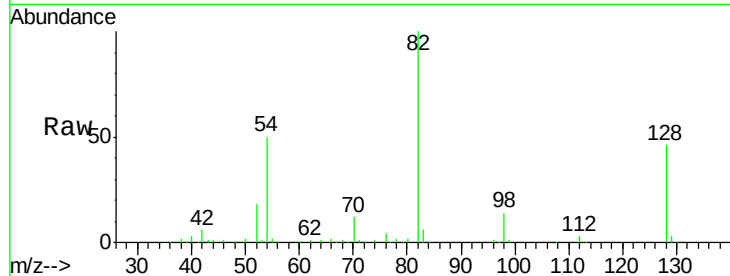




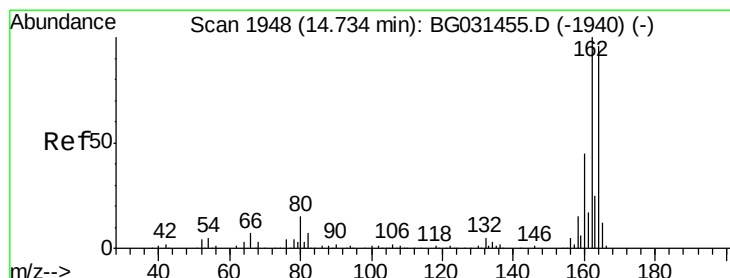
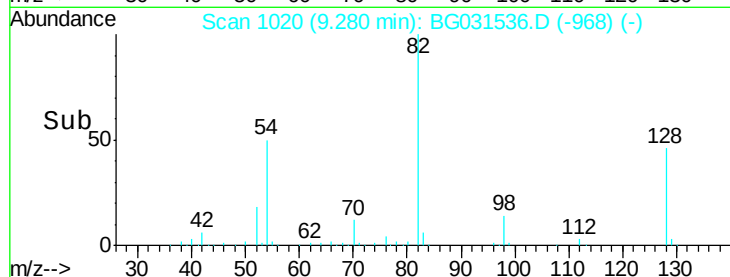
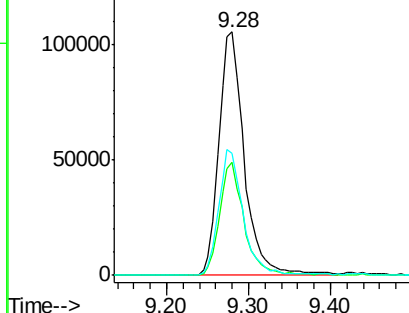
#23
 Nitrobenzene-d5
 Concen: 80.083 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BG031536.D
 Acq: 13 Dec 2017 20:22

Instrument :
 BNA_G
 ClientSampleId :
 PB104989TB

Tot Ion: 82 Resp: 228494
 Ion Ratio Lower Upper
 82 100
 128 46.2 29.7 44.5#
 54 50.2 43.1 64.7

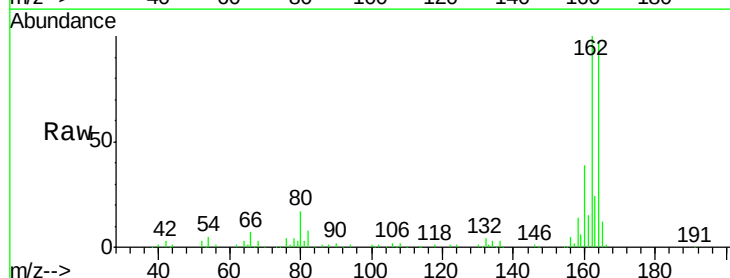


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

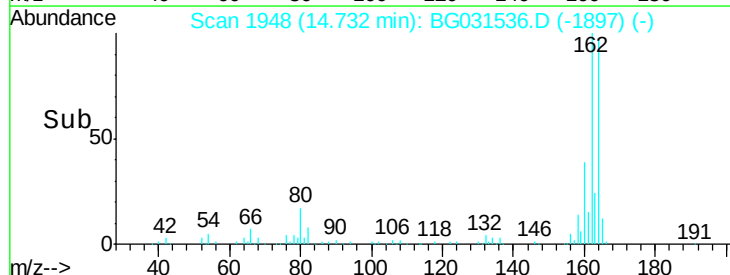
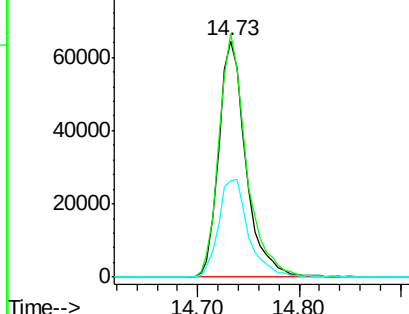


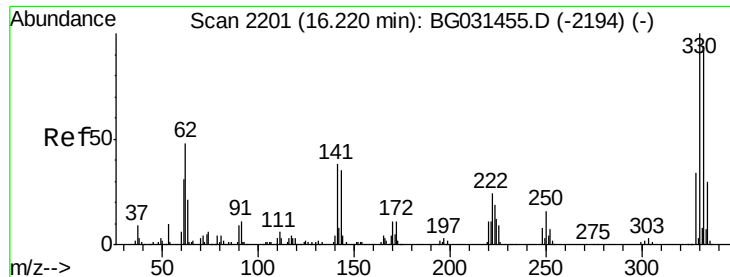
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG031536.D
 Acq: 13 Dec 2017 20:22

Tgt Ion:164 Resp: 119673
 Ion Ratio Lower Upper
 164 100
 162 103.1 78.8 118.2
 160 40.6 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

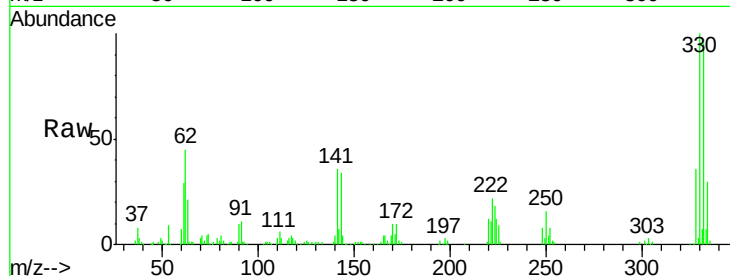




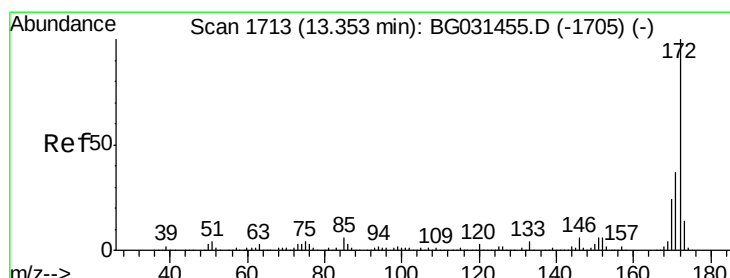
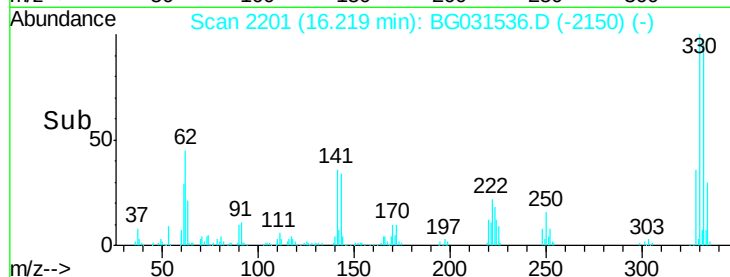
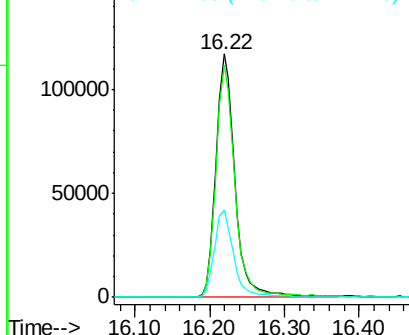
#41
 2,4,6-Tribromophenol
 Concen: 148.133 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031536.D
 Acq: 13 Dec 2017 20:22

Instrument :
 BNA_G
 ClientSampleId :
 PB104989TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	36.3	25.2	37.8

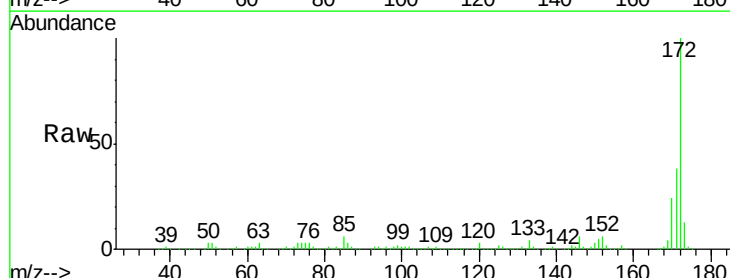


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

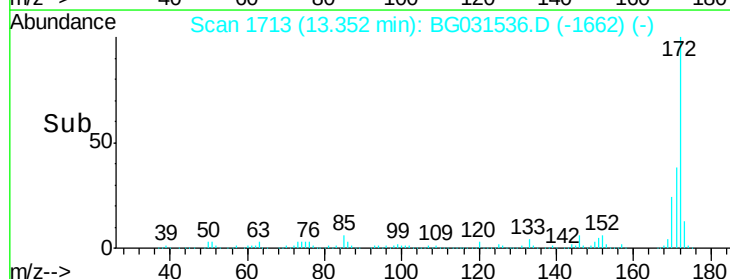
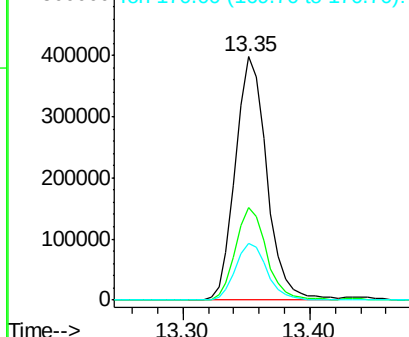


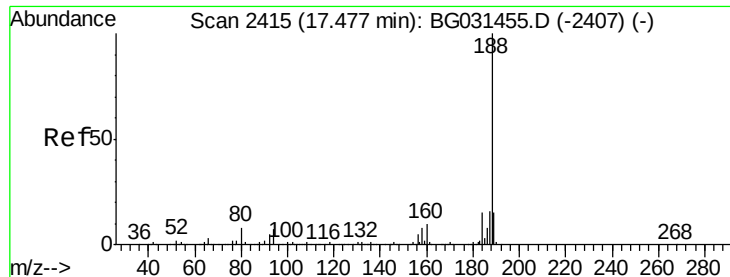
#44
 2-Fluorobiphenyl
 Concen: 83.901 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031536.D
 Acq: 13 Dec 2017 20:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.6	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: 17.48 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BG031536.D

Acq: 13 Dec 2017 20:22

Instrument :

BNA_G

ClientSampleId :

PB104989TB

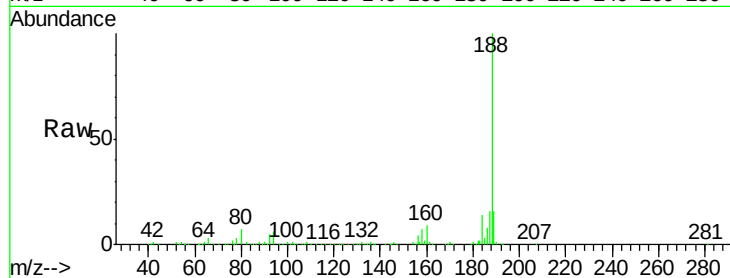
Tot Ion:188 Resp: 373197

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

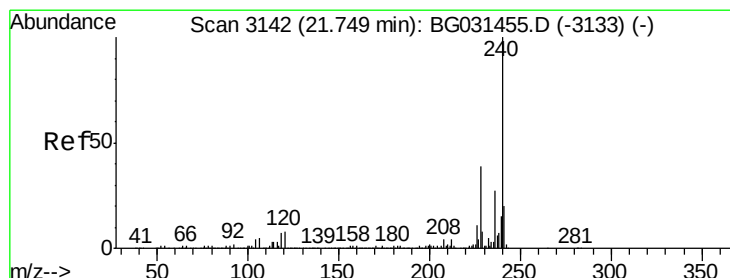
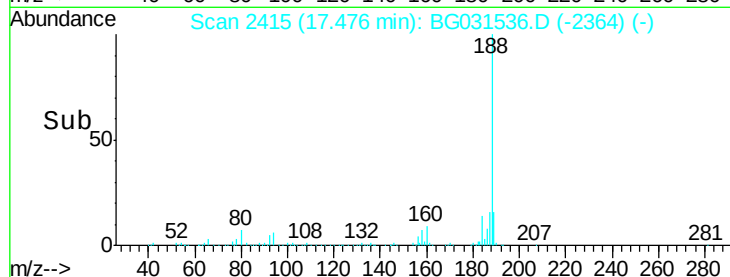
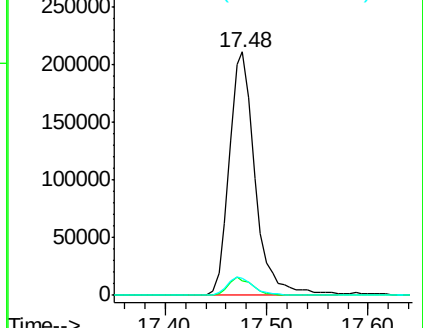
80 6.9 7.7 11.5#



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: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG031536.D

Acq: 13 Dec 2017 20:22

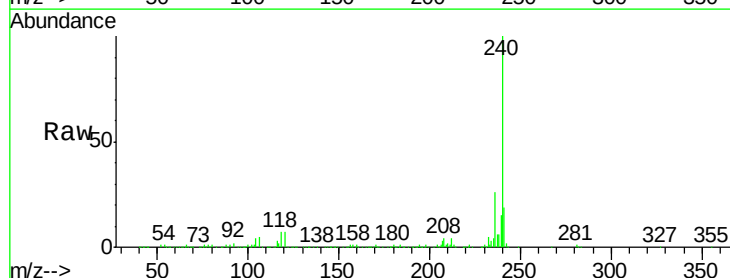
Tgt Ion:240 Resp: 477815

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

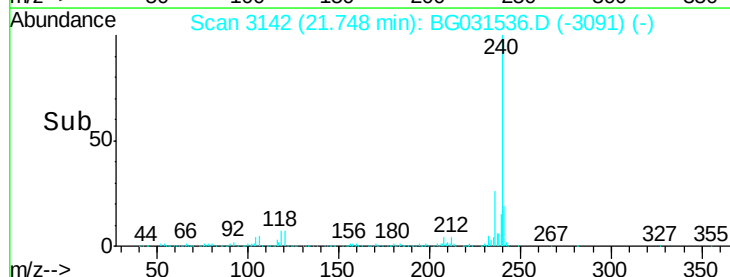
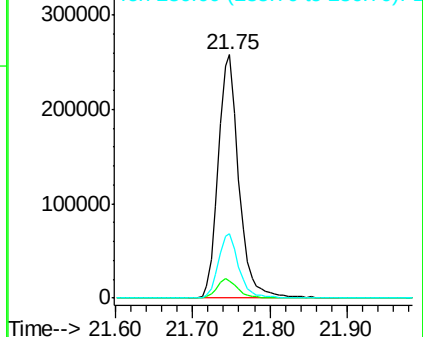
236 26.3 20.9 31.3

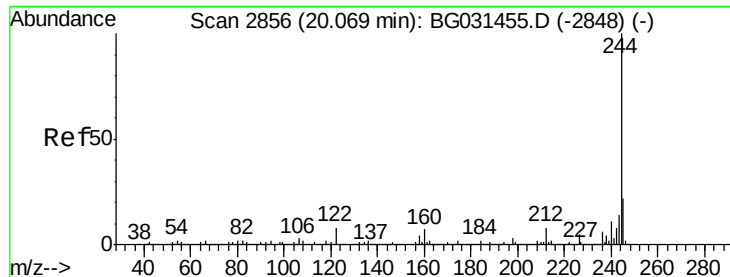


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.425 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031536.D

Acq: 13 Dec 2017 20:22

Instrument :

BNA_G

ClientSampleId :

PB104989TB

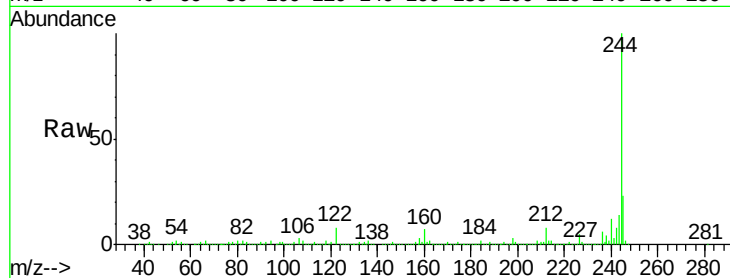
Tot Ion:244 Resp: 1731040

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

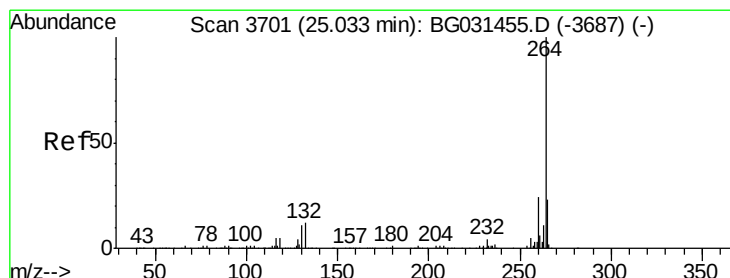
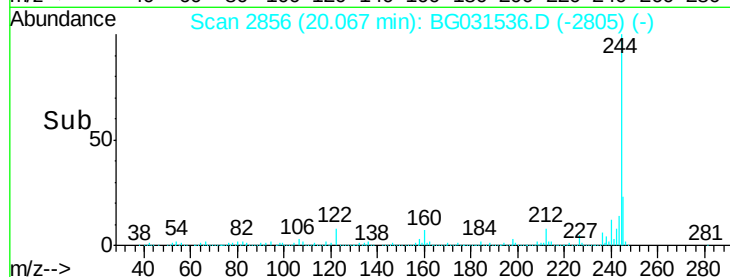
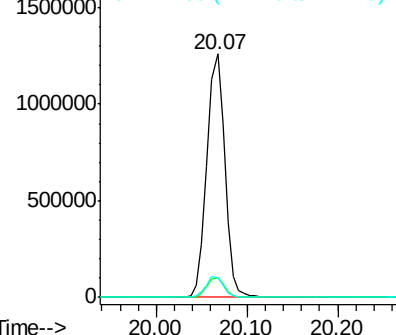
122 8.2 7.0 10.4



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: 25.03 min Scan# 3701

Delta R.T. -0.00 min

Lab File: BG031536.D

Acq: 13 Dec 2017 20:22

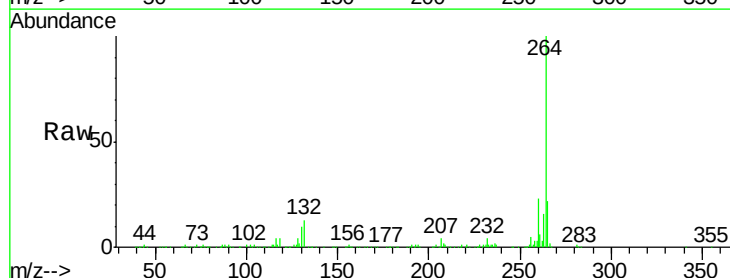
Tgt Ion:264 Resp: 435651

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 21.6 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

