

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031498.D
 Acq On : 12 Dec 2017 18:55
 Operator : SJ/JU
 Sample : PB104933TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104933TB

Quant Time: Dec 13 05:54:39 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	52662	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	205549	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	144632	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	410245	20.00	ng	0.00
75) Chrysene-d12	21.75	240	501219	20.00	ng	0.00
86) Perylene-d12	25.02	264	471639	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	438056	147.44	ng	0.00
7) Phenol-d6	7.27	99	550647	133.51	ng	0.00
23) Nitrobenzene-d5	9.28	82	312826	93.81	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	251718	148.56	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	917200	93.09	ng	0.00
78) Terphenyl-d14	20.07	244	1937848	87.96	ng	0.00

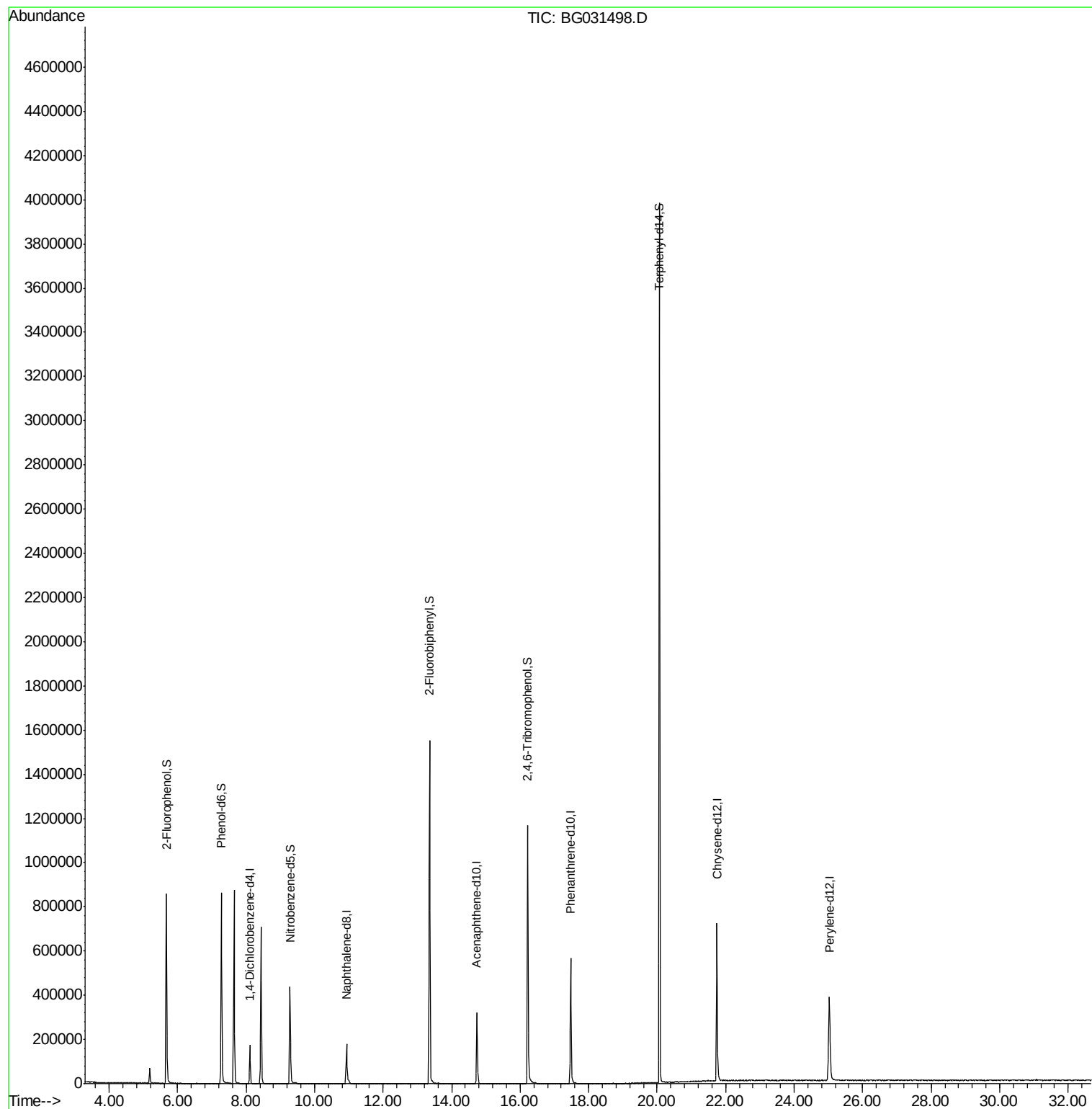
Target Compounds Qvalue

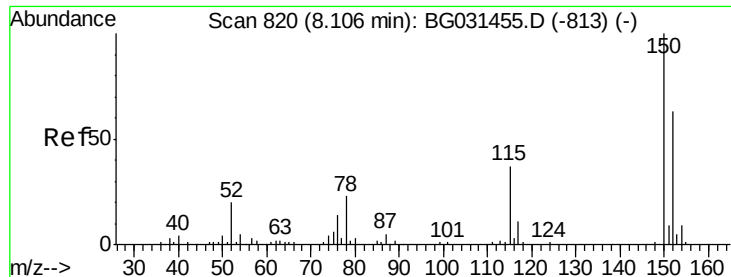
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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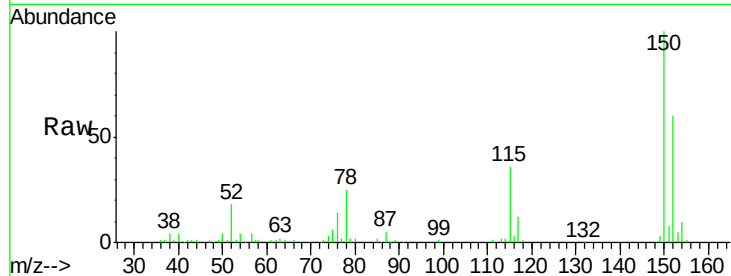


#1

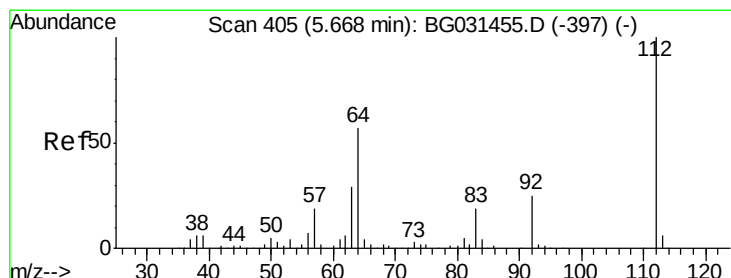
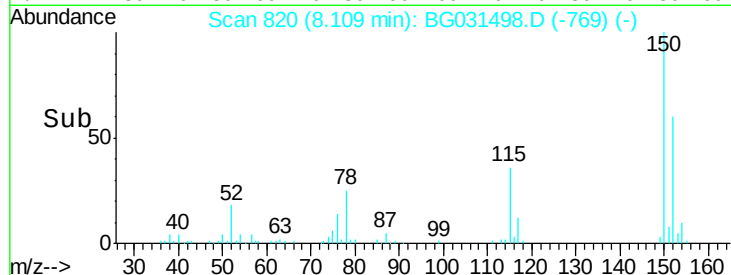
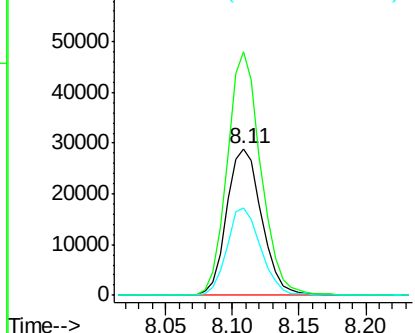
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG031498.D
Acq: 12 Dec 2017 18:55

Instrument :
BNA_G
ClientSampleId :
PB104933TB

Tot Ion:152 Resp: 52662
Ion Ratio Lower Upper
152 100
150 165.8 126.6 189.8
115 59.5 53.0 79.4



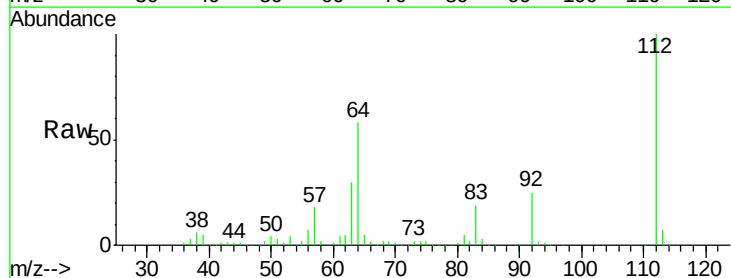
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



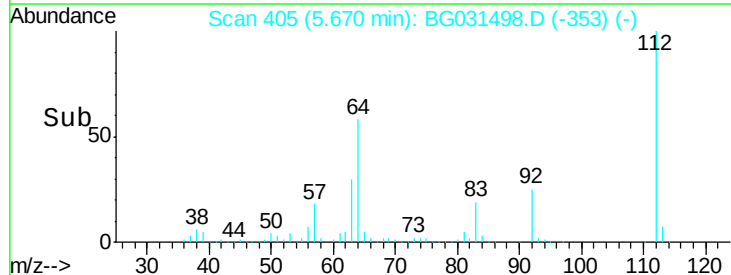
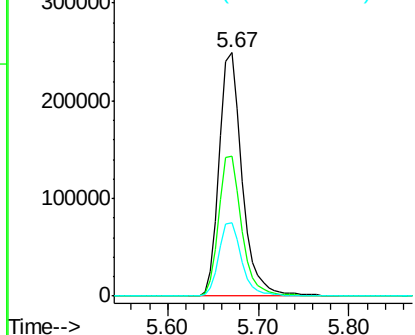
#5

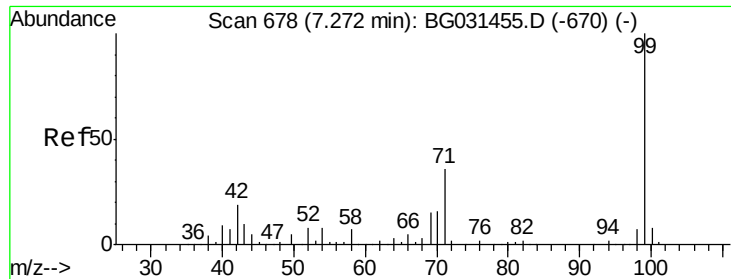
2-Fluorophenol
Concen: 147.443 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031498.D
Acq: 12 Dec 2017 18:55

Tgt Ion:112 Resp: 438056
Ion Ratio Lower Upper
112 100
64 57.7 56.3 84.5
63 30.2 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: 133.507 ng

RT: 7.27 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG031498.D

Acq: 12 Dec 2017 18:55

Instrument :

BNA_G

ClientSampleId :

PB104933TB

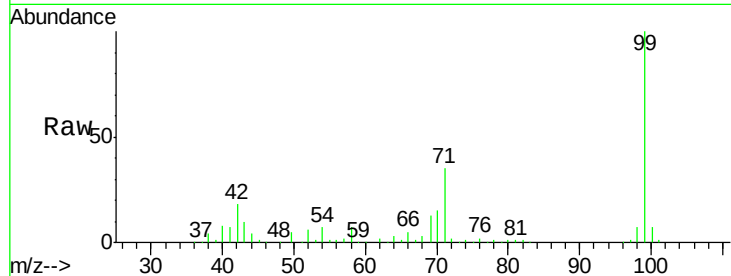
Tot Ion: 99 Resp: 550647

Ion Ratio Lower Upper

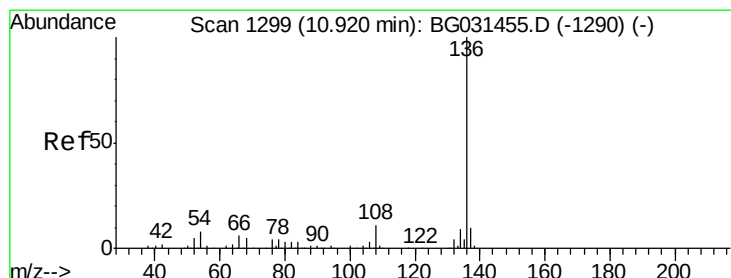
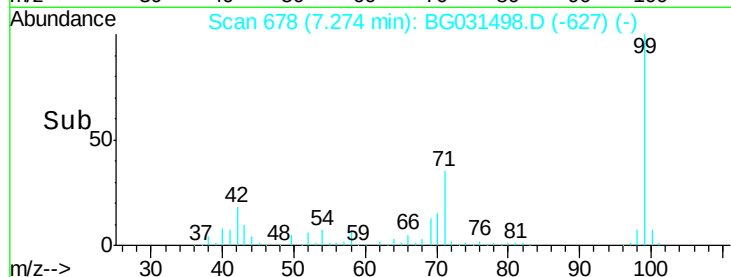
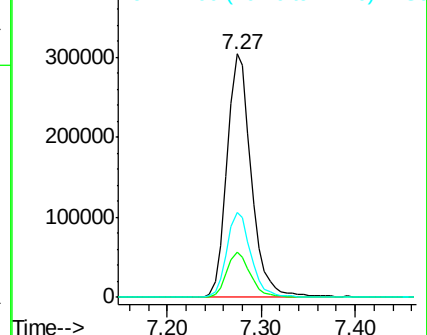
99 100

42 18.4 14.1 21.1

71 34.7 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: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031498.D

Acq: 12 Dec 2017 18:55

Tgt Ion: 136 Resp: 205549

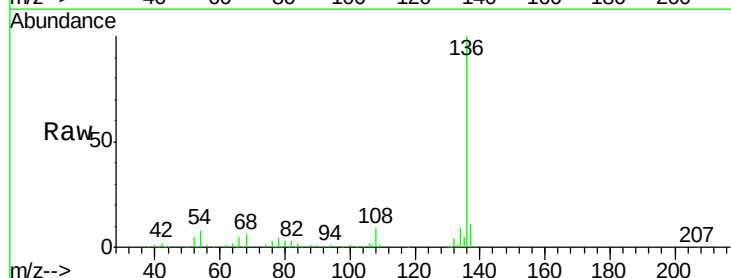
Ion Ratio Lower Upper

136 100

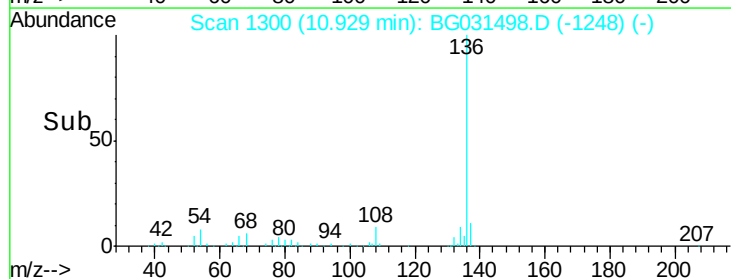
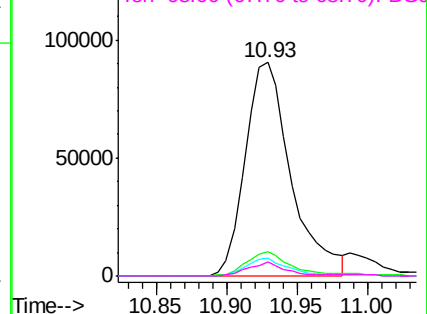
137 11.5 9.2 13.8

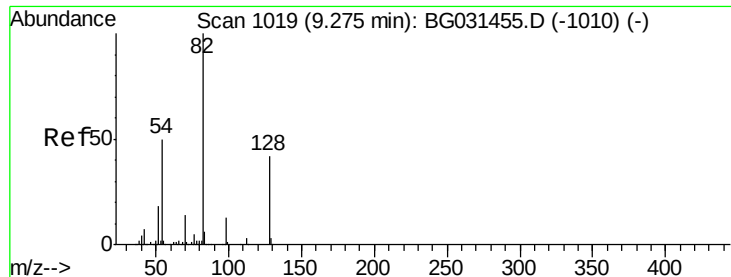
54 8.3 10.3 15.5#

68 6.4 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





#23

Nitrobenzene-d5

Concen: 93.805 ng

RT: 9.28 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BG031498.D

Acq: 12 Dec 2017 18:55

Instrument :

BNA_G

ClientSampleId :

PB104933TB

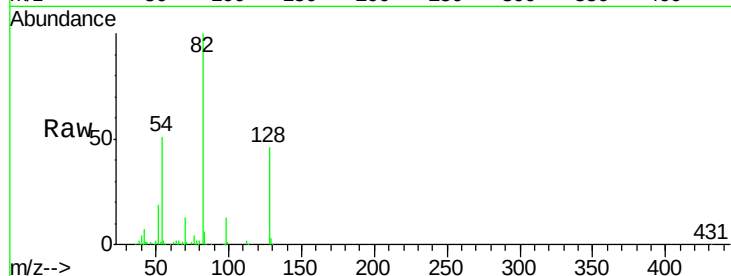
Tot Ion: 82 Resp: 312826

Ion Ratio Lower Upper

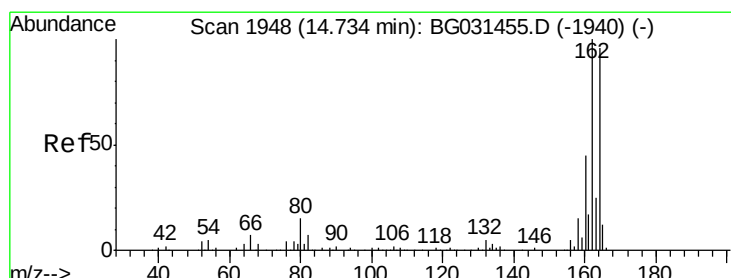
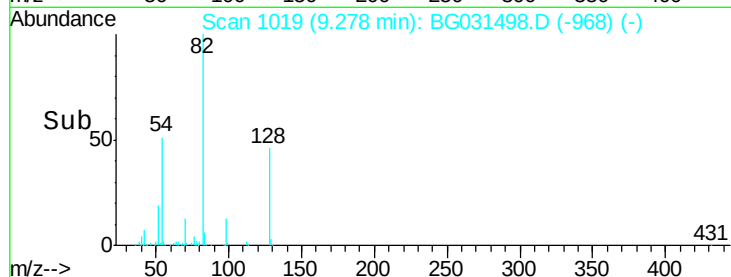
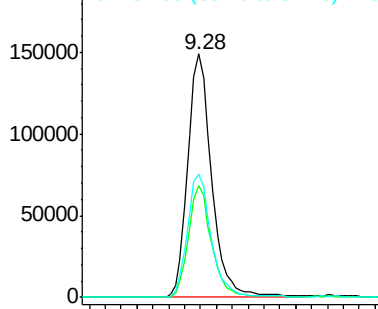
82 100

128 46.2 29.7 44.5#

54 50.6 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: 14.74 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BG031498.D

Acq: 12 Dec 2017 18:55

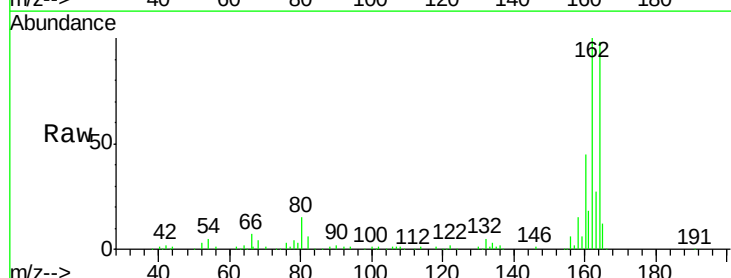
Tgt Ion: 164 Resp: 144632

Ion Ratio Lower Upper

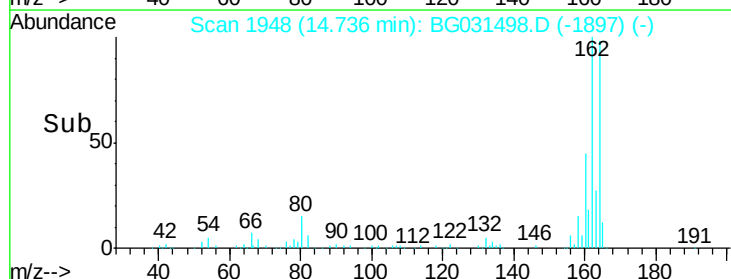
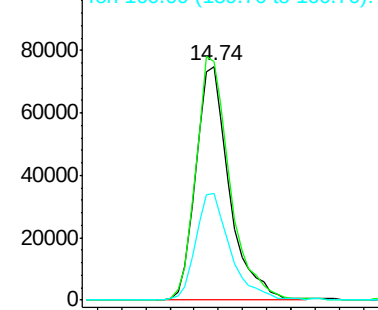
164 100

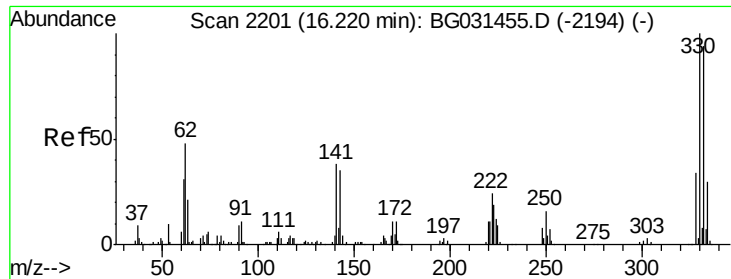
162 102.1 78.8 118.2

160 45.5 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

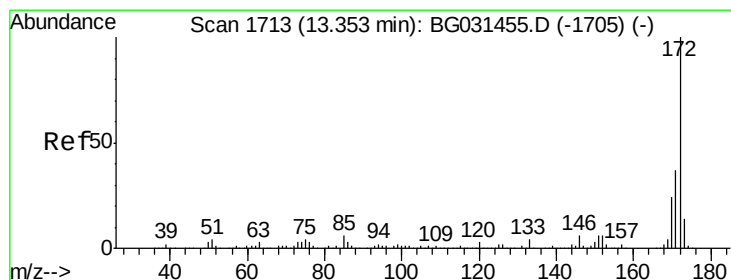
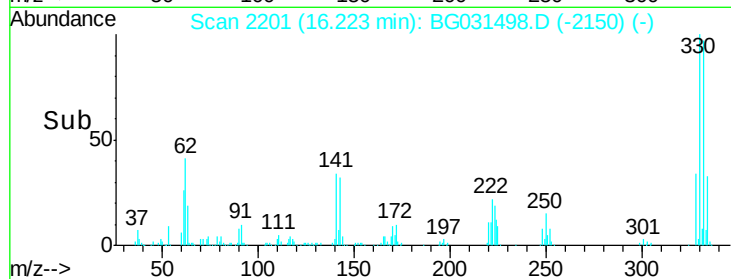
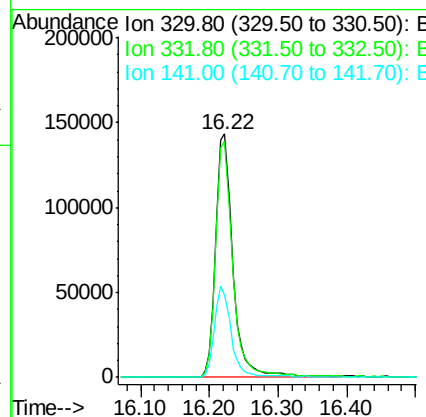
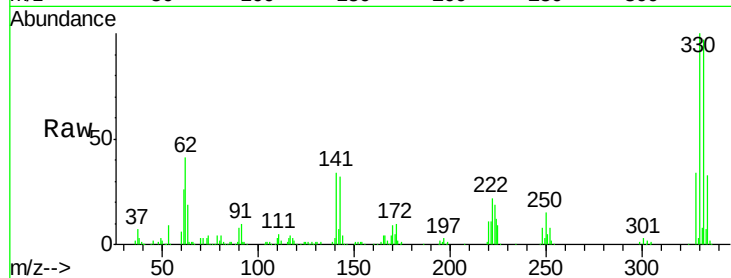




#41
 2,4,6-Tribromophenol
 Concen: 148.557 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BG031498.D
 Acq: 12 Dec 2017 18:55

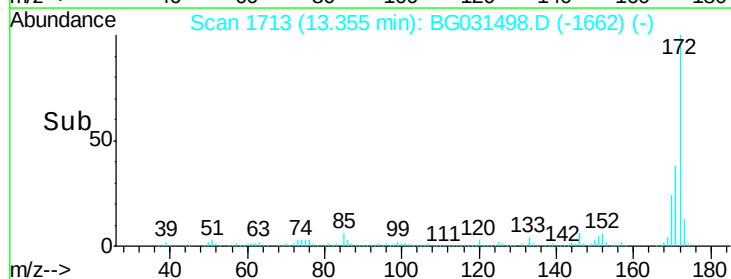
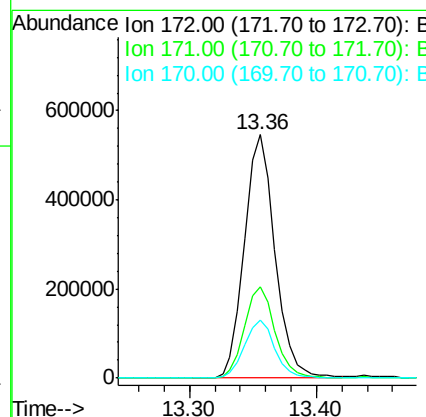
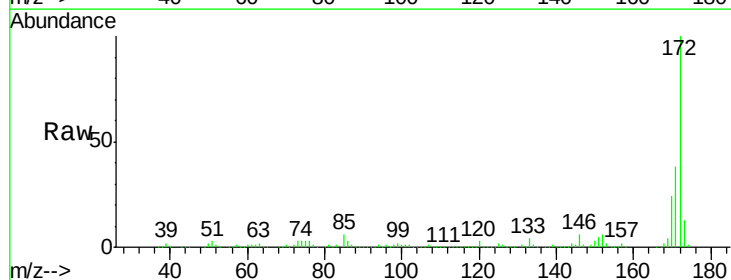
Instrument :
 BNA_G
 ClientSampleId :
 PB104933TB

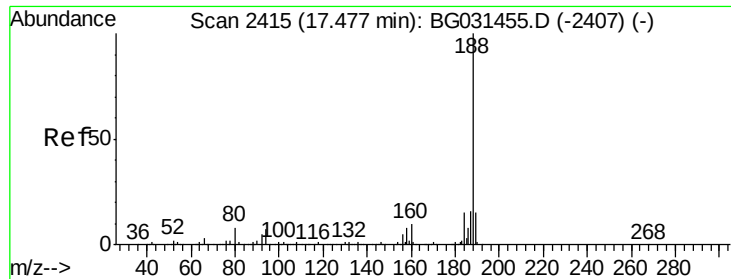
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	35.8	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 93.087 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG031498.D
 Acq: 12 Dec 2017 18:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.1	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG031498.D

Acq: 12 Dec 2017 18:55

Instrument :

BNA_G

ClientSampleId :

PB104933TB

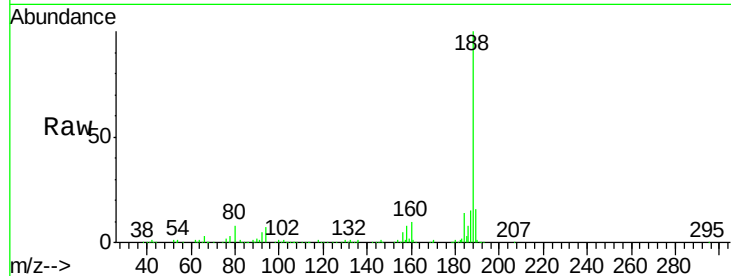
Tot Ion:188 Resp: 410245

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

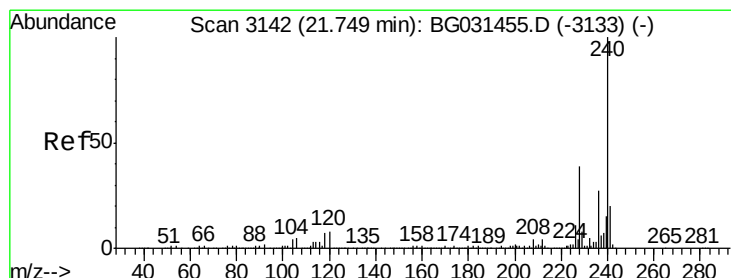
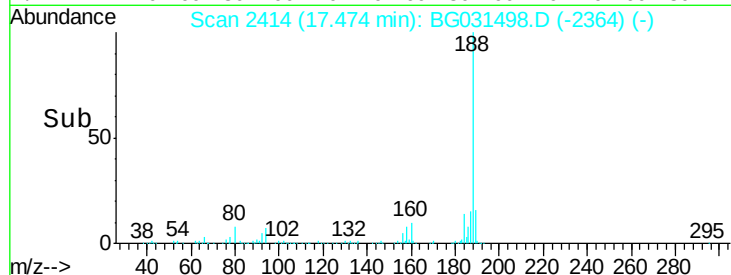
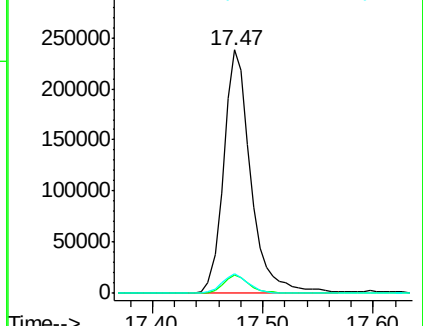
80 8.1 7.7 11.5



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# 3141

Delta R.T. -0.00 min

Lab File: BG031498.D

Acq: 12 Dec 2017 18:55

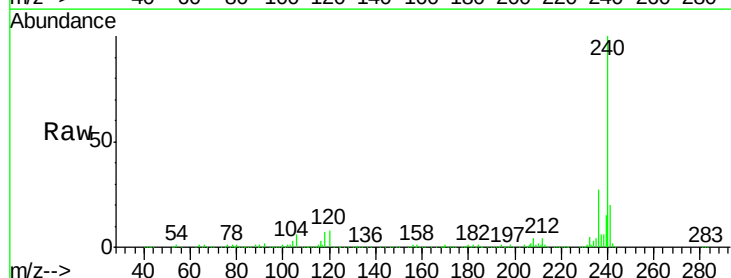
Tgt Ion:240 Resp: 501219

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

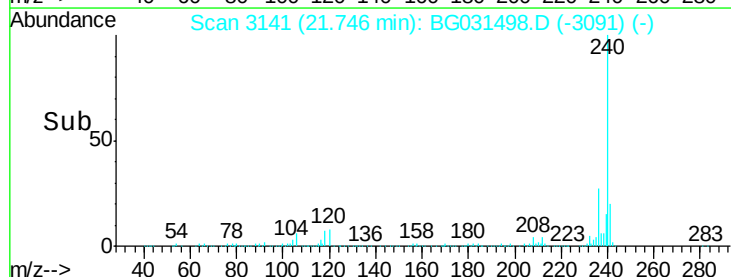
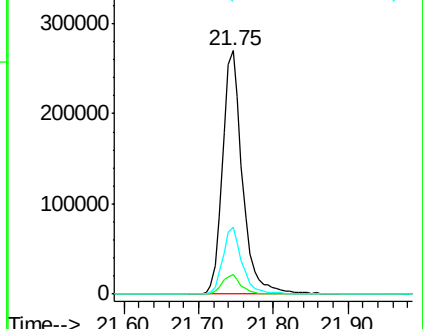
236 27.5 20.9 31.3

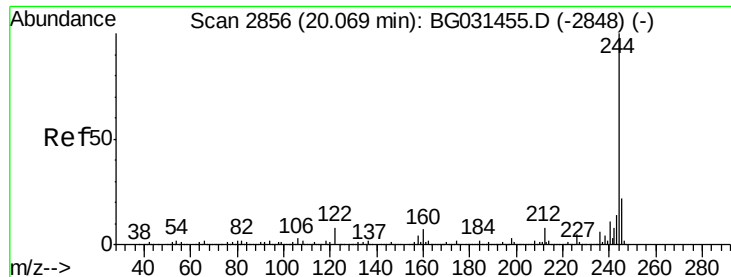


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.964 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG031498.D

Acq: 12 Dec 2017 18:55

Instrument :

BNA_G

ClientSampleId :

PB104933TB

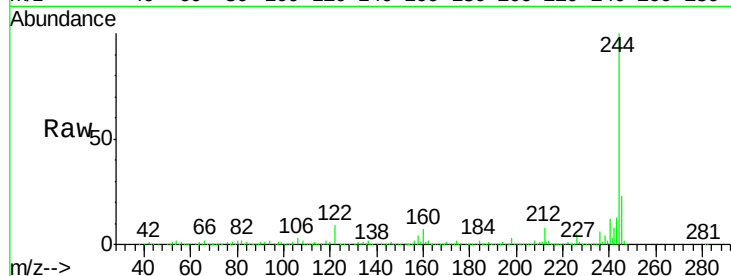
Tot Ion:244 Resp: 1937848

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

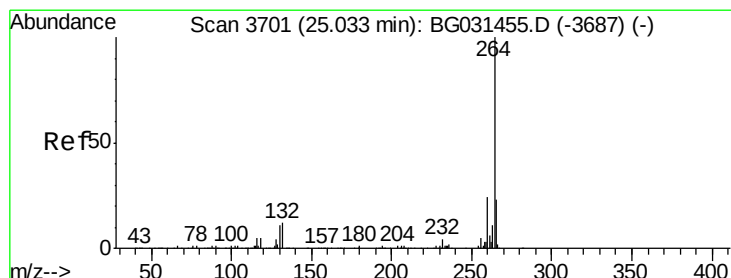
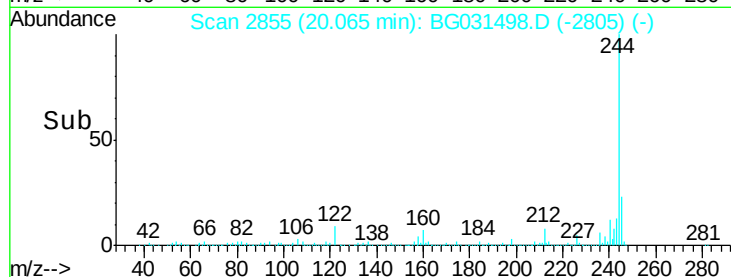
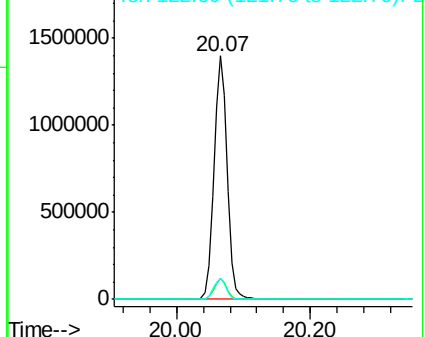
122 8.7 7.0 10.4



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: 25.02 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BG031498.D

Acq: 12 Dec 2017 18:55

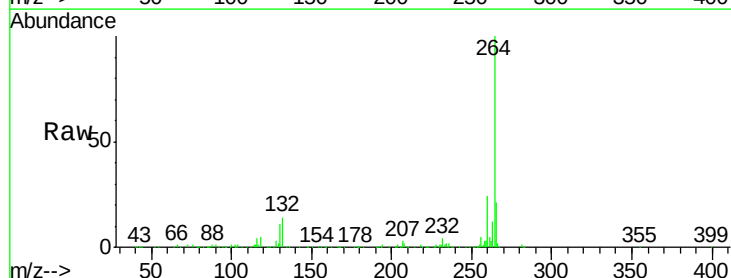
Tgt Ion:264 Resp: 471639

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 21.5 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

