

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031462.D
 Acq On : 11 Dec 2017 19:14
 Operator : SJ/JU
 Sample : PB104880BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104880BL

Quant Time: Dec 12 04:11:59 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	43951	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	185498	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	123803	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	369981	20.00	ng	0.00
75) Chrysene-d12	21.74	240	481393	20.00	ng	0.00
86) Perylene-d12	25.03	264	447119	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	223790	90.25	ng	0.00
7) Phenol-d6	7.27	99	292769	85.05	ng	0.00
23) Nitrobenzene-d5	9.27	82	247815	82.34	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	129810	89.50	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	736042	87.27	ng	0.00
78) Terphenyl-d14	20.06	244	1655600	78.25	ng	0.00

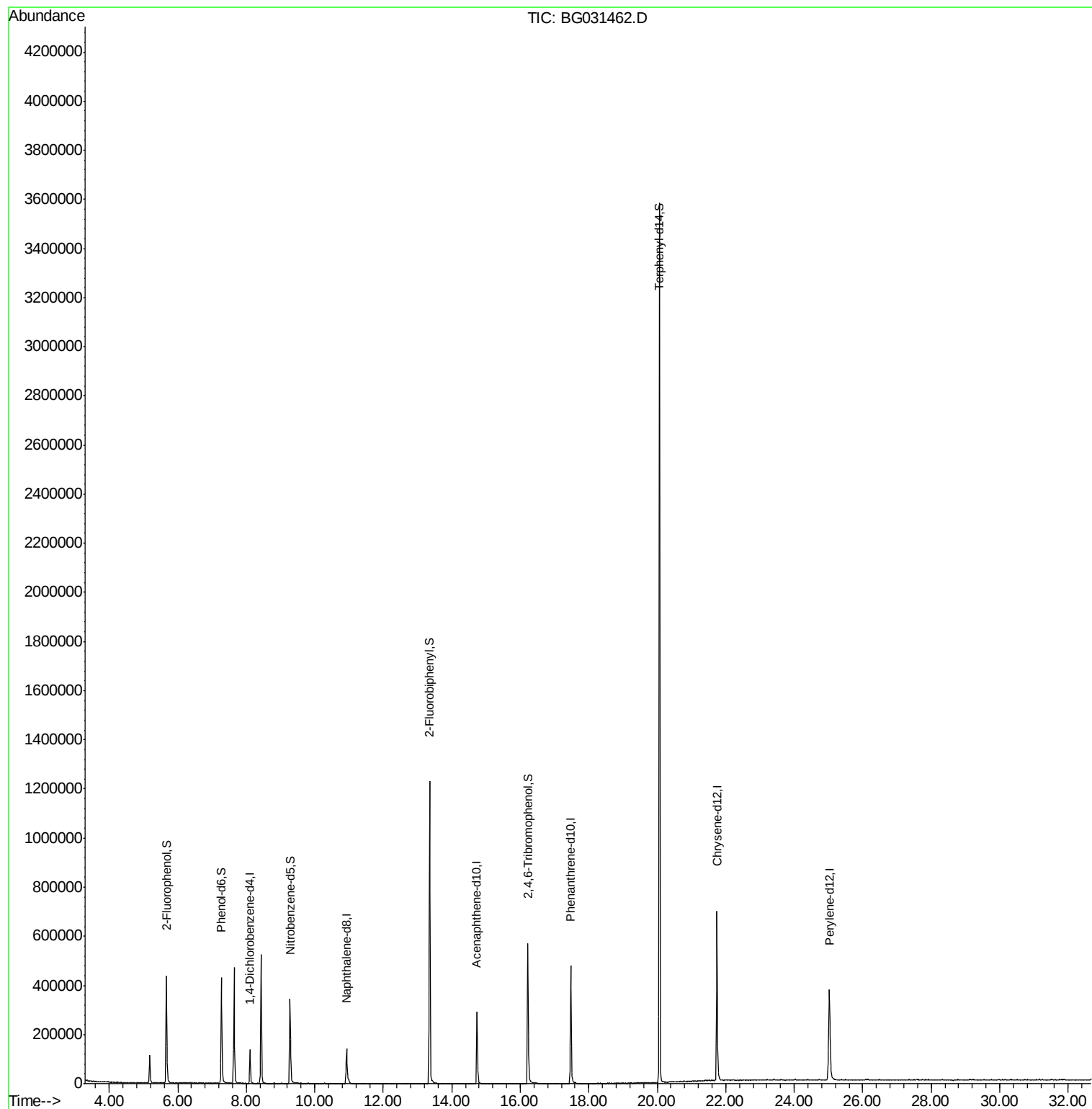
Target Compounds Qvalue

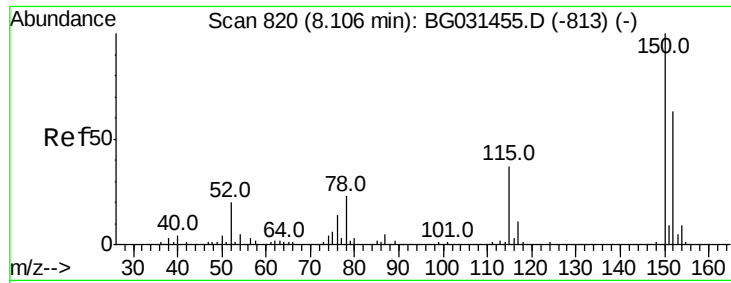
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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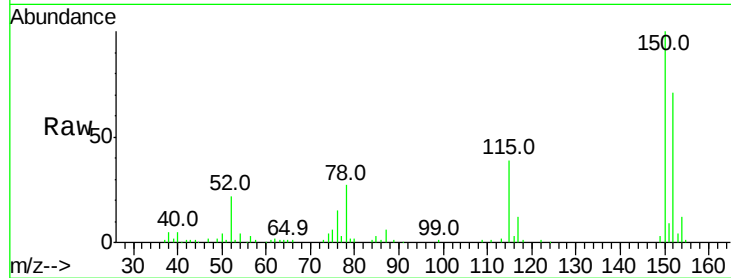


#1

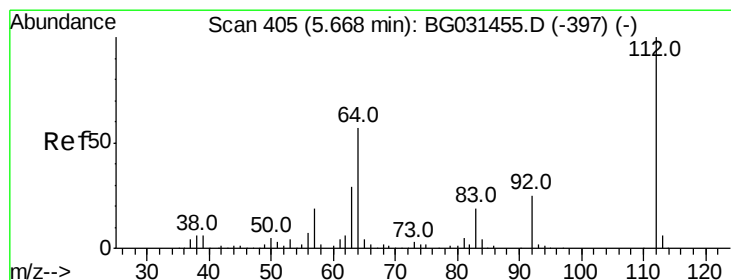
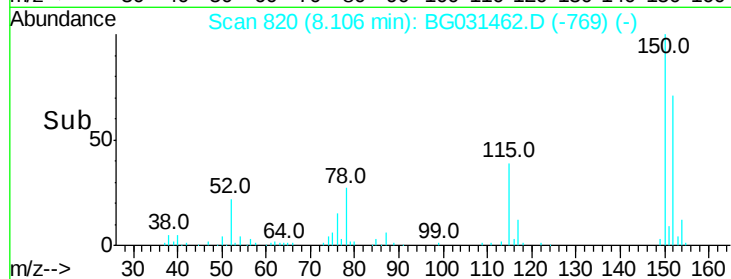
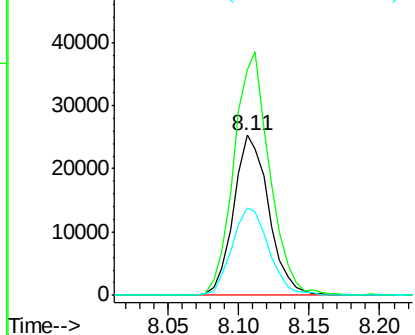
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG031462.D
 Acq: 11 Dec 2017 19:14

Instrument :
 BNA_G
 ClientSampleId :
 PB104880BL

Tot Ion:152 Resp: 43951
 Ion Ratio Lower Upper
 152 100
 150 141.0 126.6 189.8
 115 54.4 53.0 79.4



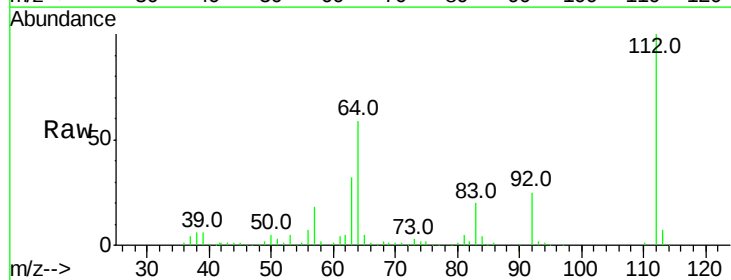
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



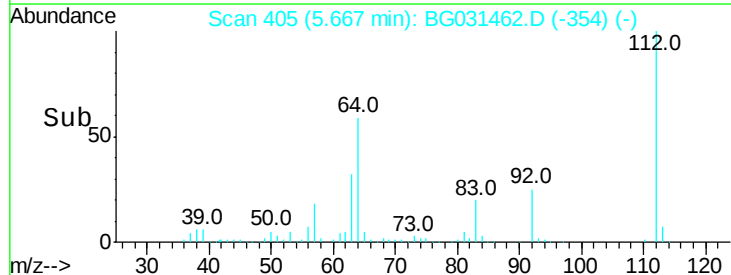
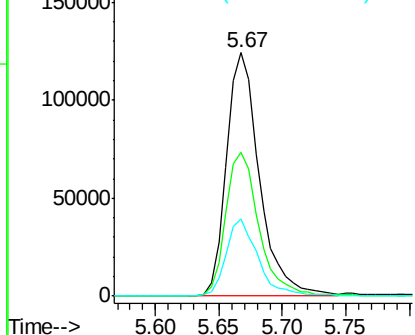
#5

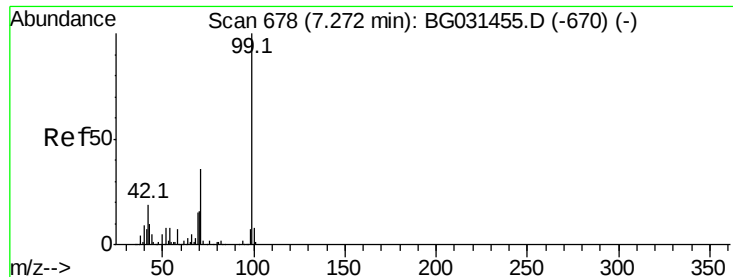
2-Fluorophenol
 Concen: 90.253 ng
 RT: 5.67 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BG031462.D
 Acq: 11 Dec 2017 19:14

Tgt Ion:112 Resp: 223790
 Ion Ratio Lower Upper
 112 100
 64 59.1 56.3 84.5
 63 31.8 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: 85.052 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

Instrument :

BNA_G

ClientSampleId :

PB104880BL

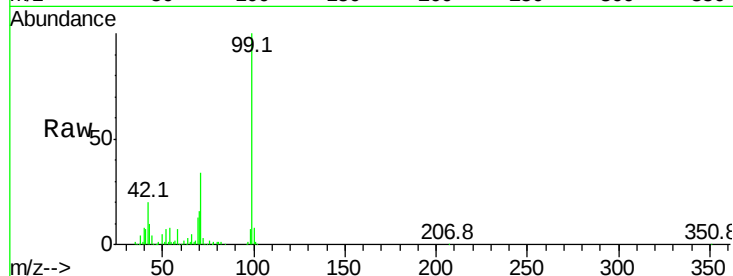
Tot Ion: 99 Resp: 292769

Ion Ratio Lower Upper

99 100

42 19.6 14.1 21.1

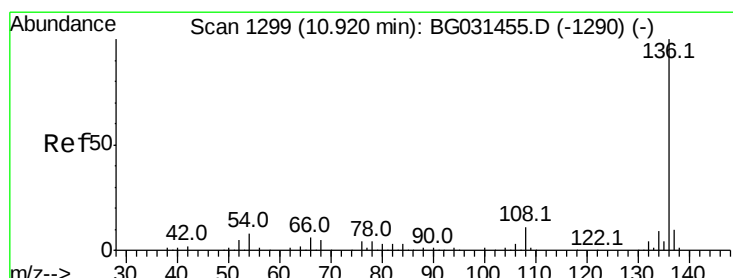
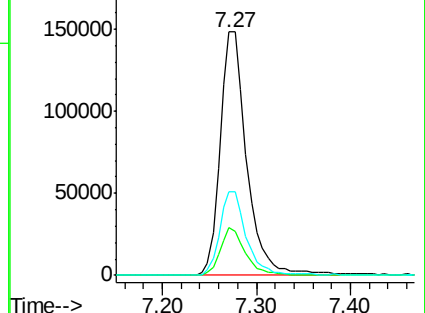
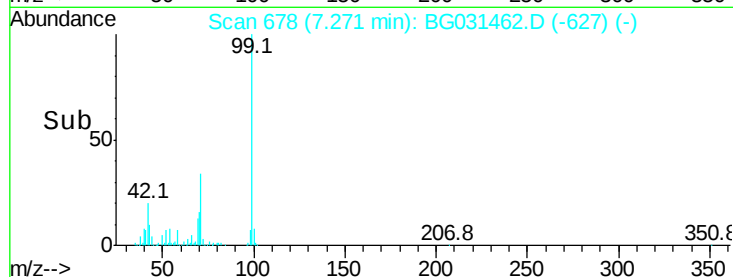
71 34.4 26.1 39.1



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: BG031462.D

Acq: 11 Dec 2017 19:14

Tgt Ion: 136 Resp: 185498

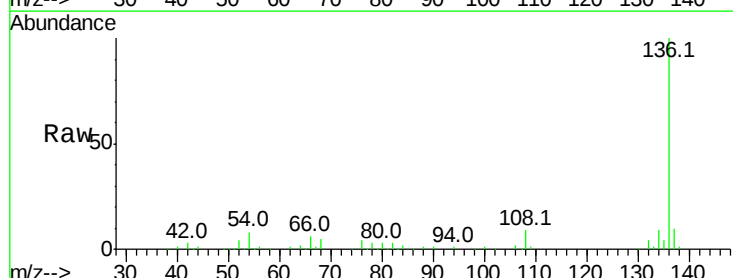
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 8.1 10.3 15.5#

68 5.2 4.5 6.7

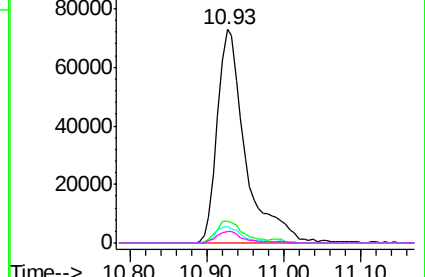
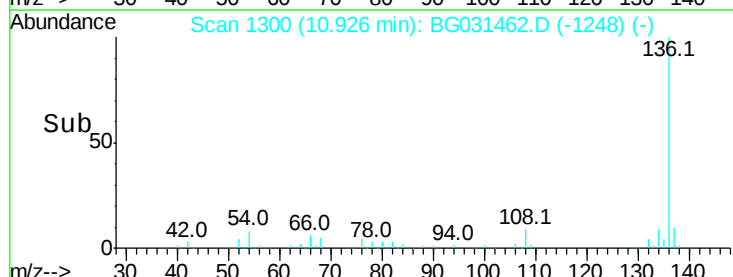


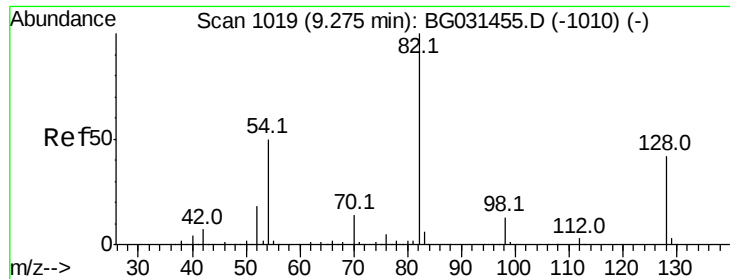
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

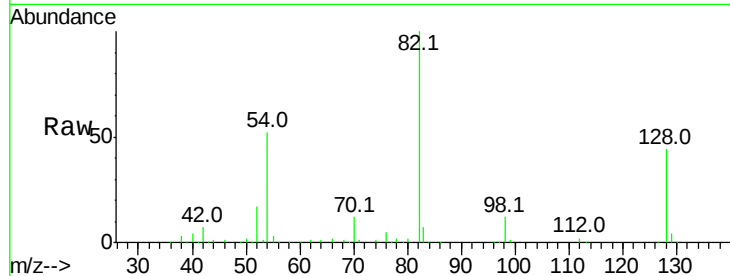




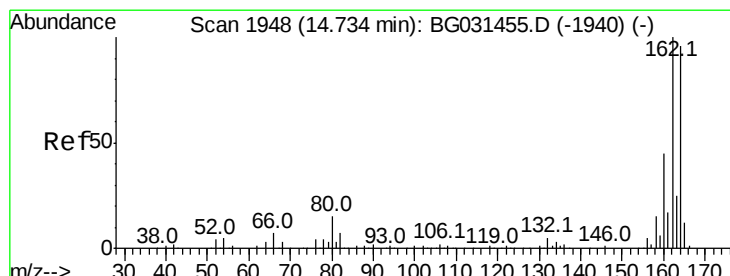
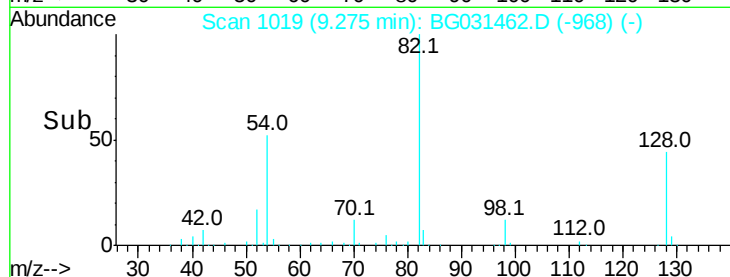
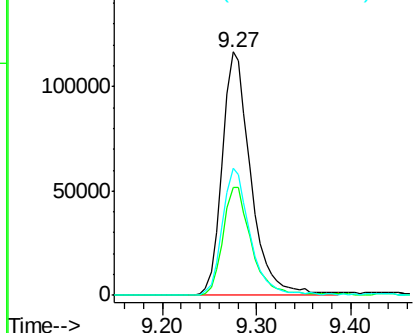
#23
 Nitrobenzene-d5
 Concen: 82.343 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG031462.D
 Acq: 11 Dec 2017 19:14

Instrument :
 BNA_G
 ClientSampleId :
 PB104880BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	29.7	44.5
54	52.3	43.1	64.7

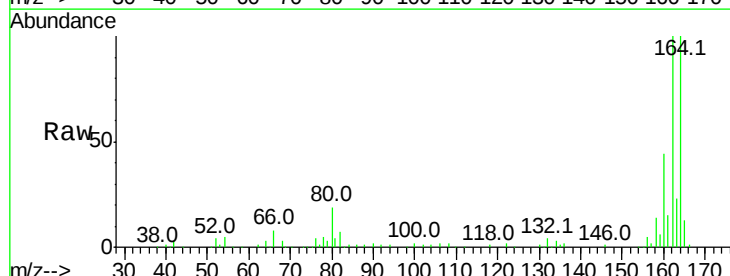


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

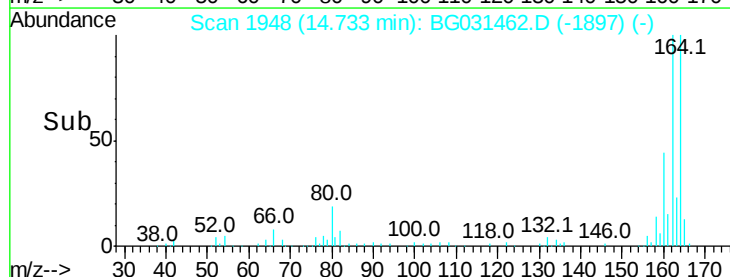
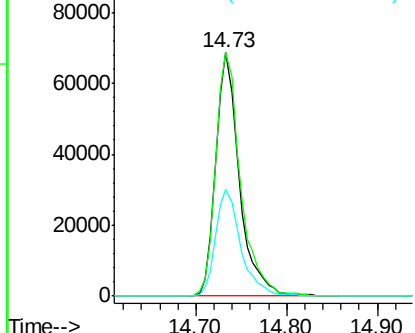


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG031462.D
 Acq: 11 Dec 2017 19:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	78.8	118.2
160	44.1	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

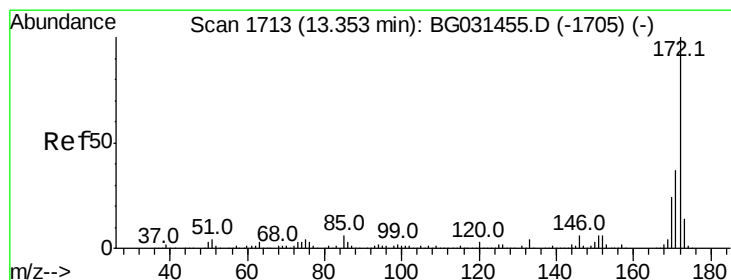
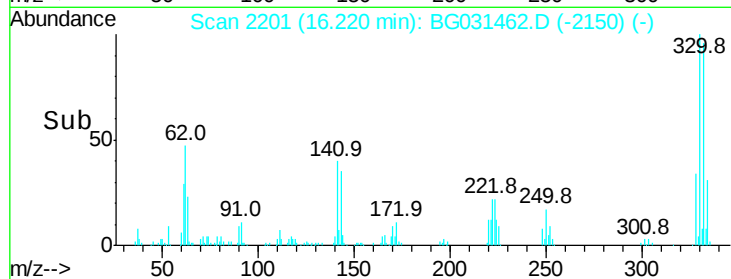
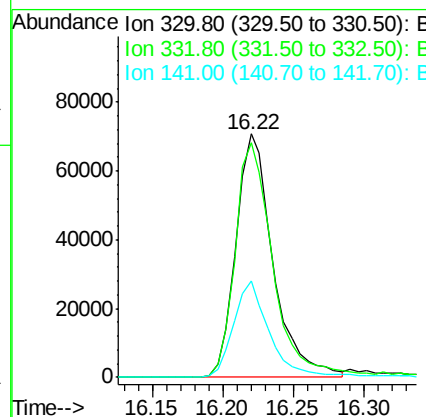
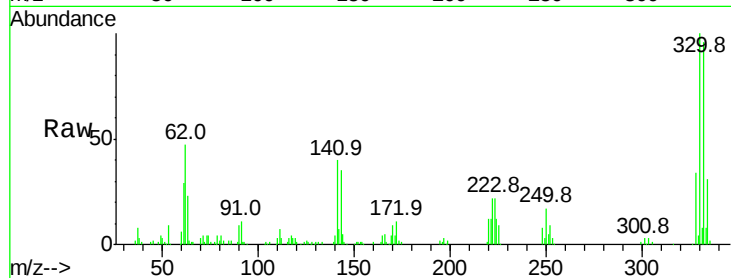




#41
 2,4,6-Tribromophenol
 Concen: 89.499 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031462.D
 Acq: 11 Dec 2017 19:14

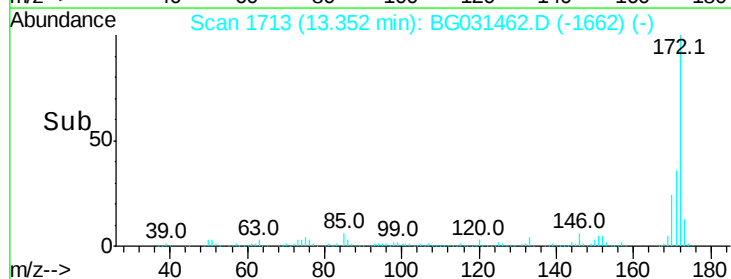
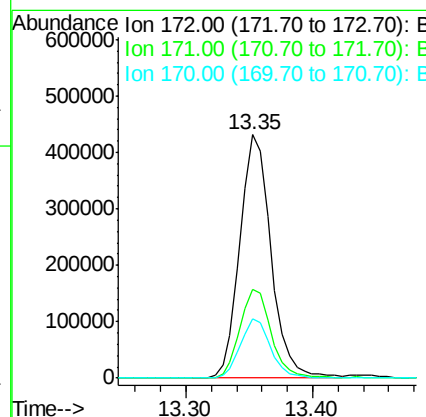
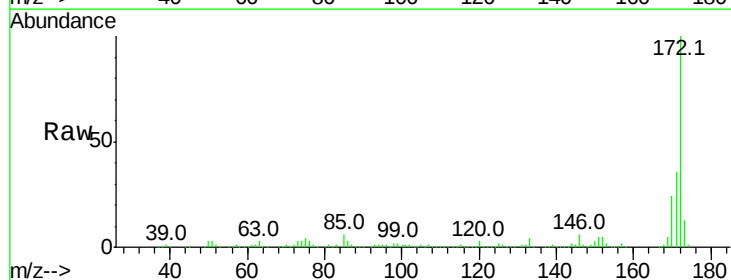
Instrument :
 BNA_G
 ClientSampleId :
 PB104880BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	39.0	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 87.269 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031462.D
 Acq: 11 Dec 2017 19:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	24.1	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

Instrument :

BNA_G

ClientSampleId :

PB104880BL

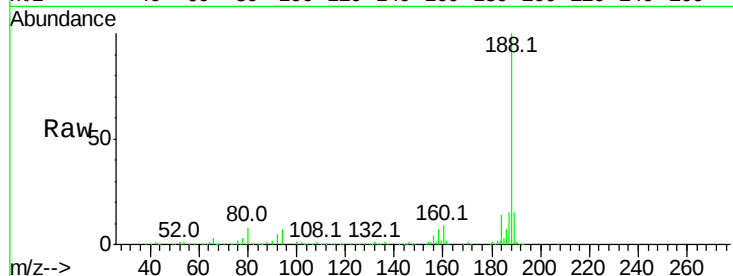
Tot Ion:188 Resp: 369981

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

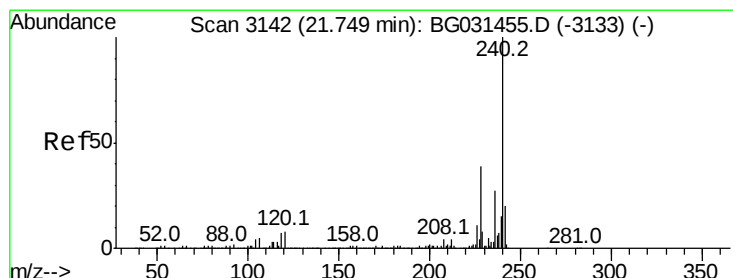
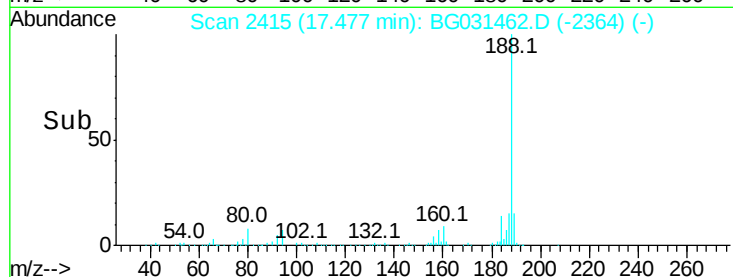
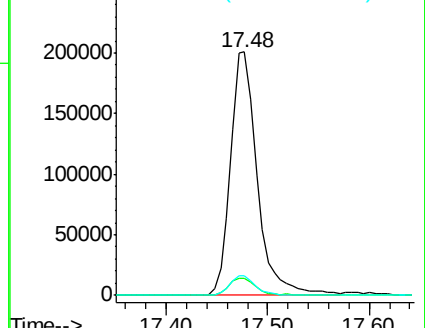
80 8.2 7.7 11.5



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: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

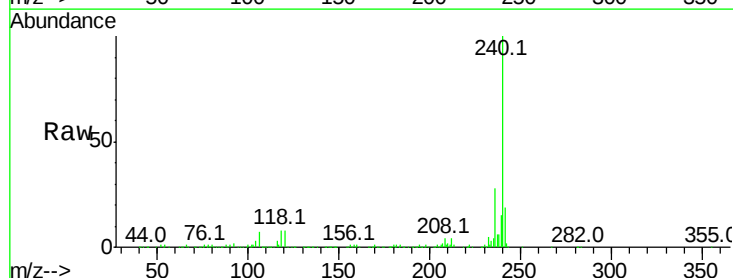
Tgt Ion:240 Resp: 481393

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

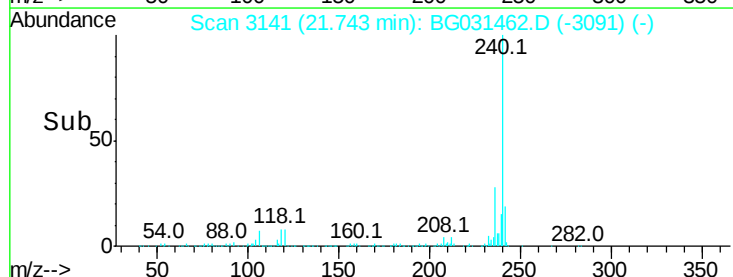
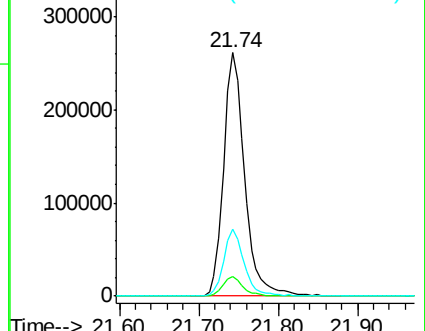
236 27.6 20.9 31.3

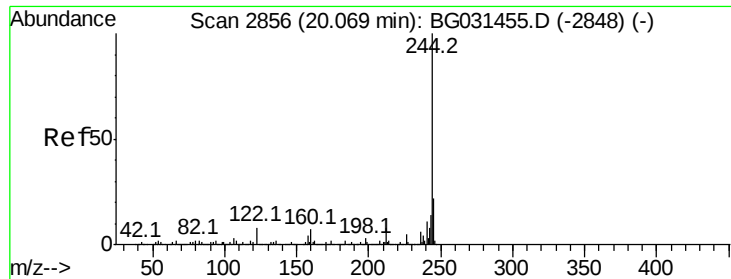


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.247 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

Instrument :

BNA_G

ClientSampleId :

PB104880BL

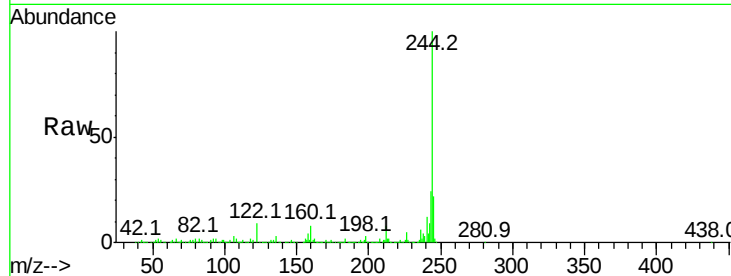
Tot Ion:244 Resp: 1655600

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	8.9	7.0	10.4

244 100

212 8.3 5.8 8.8

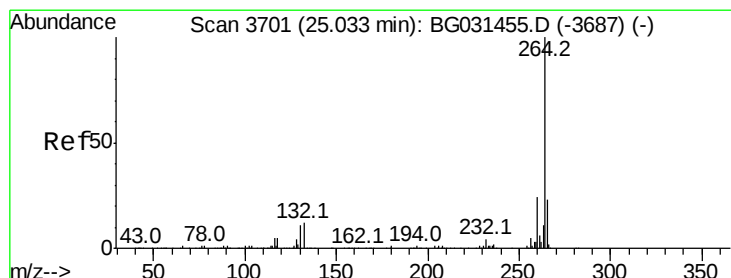
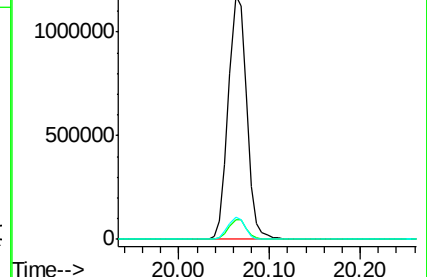
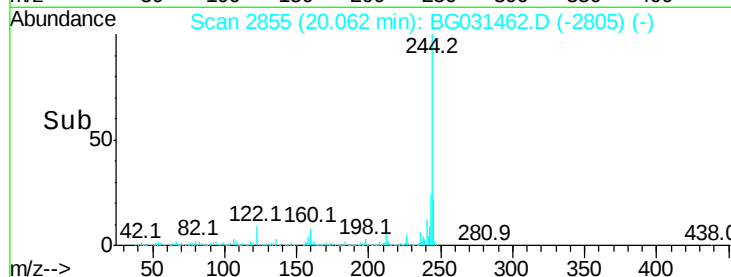
122 8.9 7.0 10.4



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# 3700

Delta R.T. -0.01 min

Lab File: BG031462.D

Acq: 11 Dec 2017 19:14

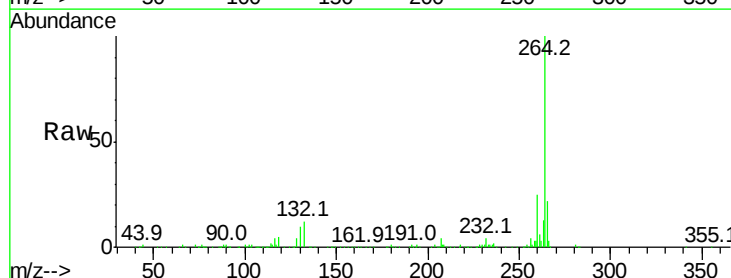
Tgt Ion:264 Resp: 447119

Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	22.0	17.7	26.5

264 100

260 24.6 17.4 26.0

265 22.0 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

