

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121417\
 Data File : BG031563.D
 Acq On : 14 Dec 2017 17:56
 Operator : SJ/JU
 Sample : PB105021BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105021BL

Quant Time: Dec 15 03:14:49 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	8.10	152	67681	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	278953	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	167855	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	466738	20.00	ng	0.00
75) Chrysene-d12	21.74	240	554789	20.00	ng	-0.01
86) Perylene-d12	25.02	264	211746	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	538670	141.07	ng	0.00
7) Phenol-d6	7.27	99	664537	125.37	ng	0.00
23) Nitrobenzene-d5	9.27	82	394255	87.11	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	313638	159.49	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1101437	96.32	ng	0.00
78) Terphenyl-d14	20.06	244	2089917	85.71	ng	0.00

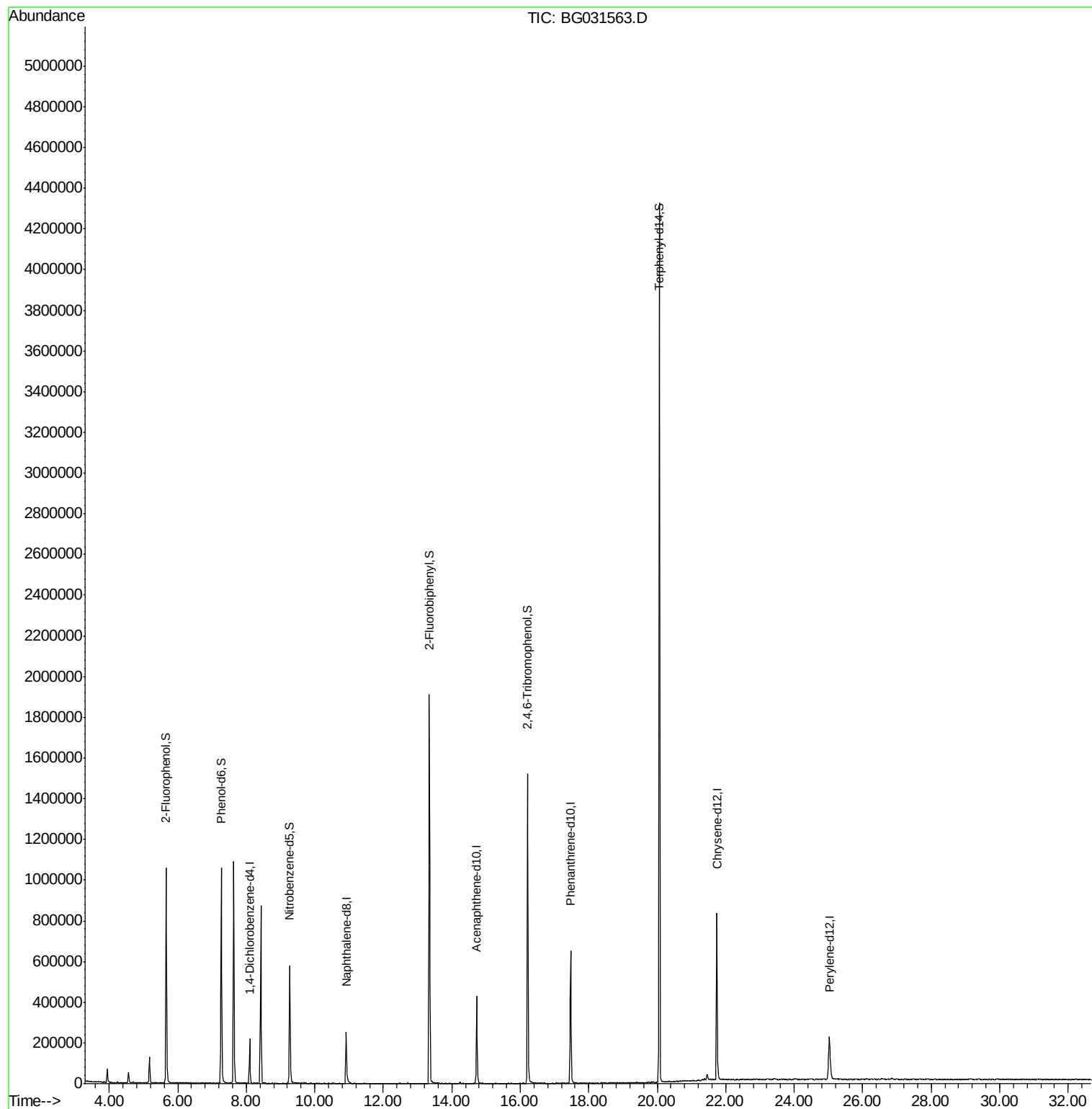
Target Compounds Qvalue

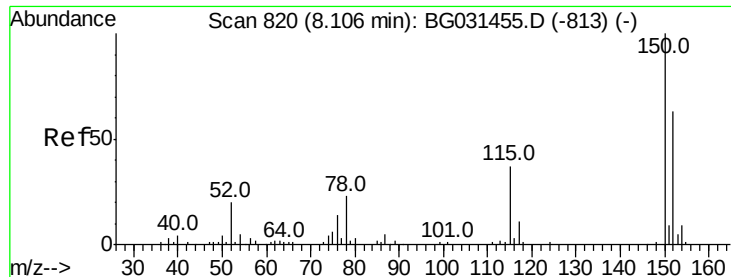
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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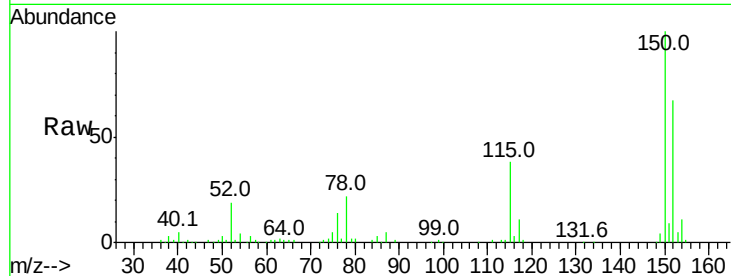


#1

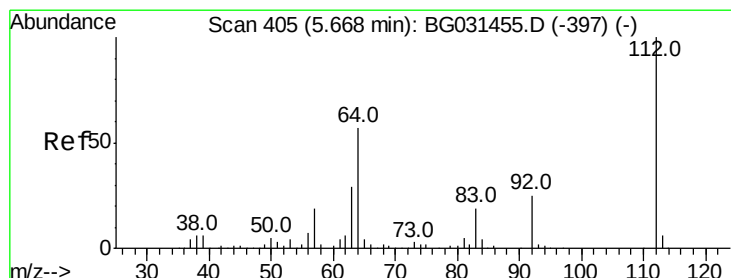
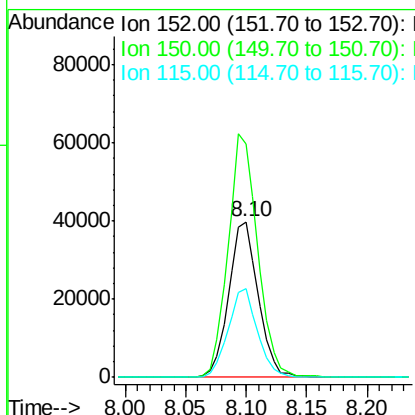
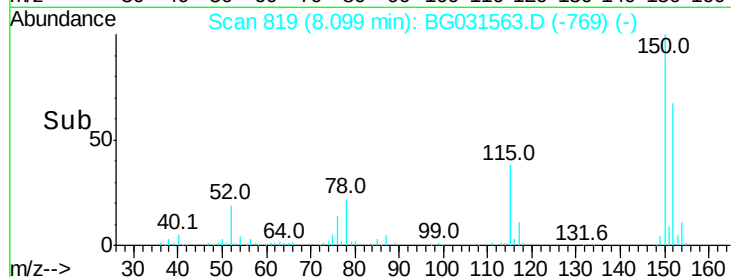
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG031563.D
Acq: 14 Dec 2017 17:56

Instrument :
BNA_G
ClientSampleId :
PB105021BL

Tot Ion:152 Resp: 67681
Ion Ratio Lower Upper
152 100
150 150.1 126.6 189.8
115 57.5 53.0 79.4



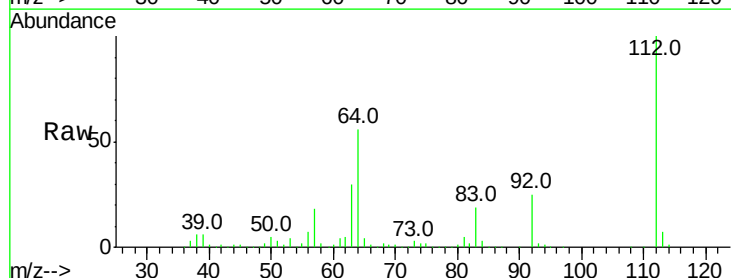
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



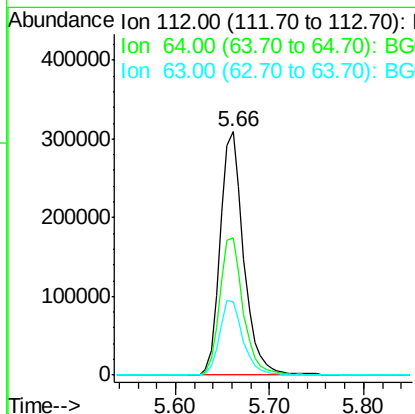
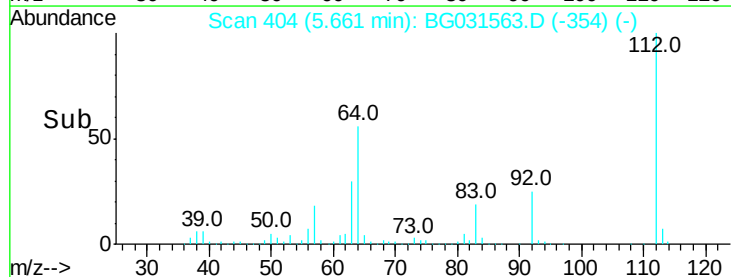
#5

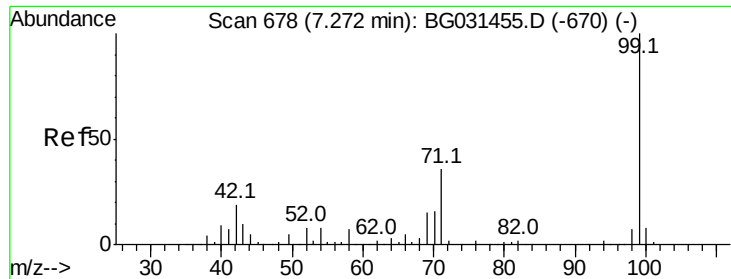
2-Fluorophenol
Concen: 141.074 ng
RT: 5.66 min Scan# 404
Delta R.T. -0.01 min
Lab File: BG031563.D
Acq: 14 Dec 2017 17:56

Tgt Ion:112 Resp: 538670
Ion Ratio Lower Upper
112 100
64 56.4 56.3 84.5
63 30.0 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: 125.366 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG031563.D

Acq: 14 Dec 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB105021BL

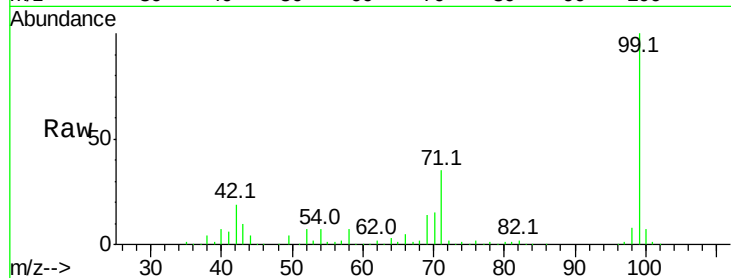
Tot Ion: 99 Resp: 664537

Ion Ratio Lower Upper

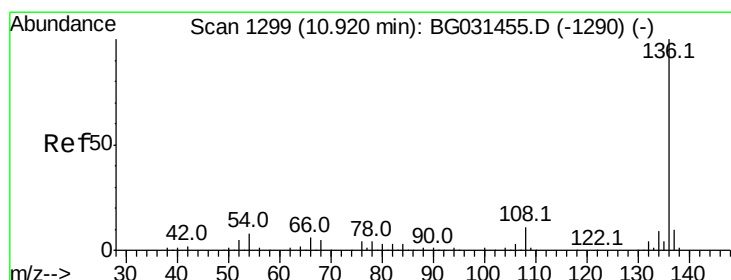
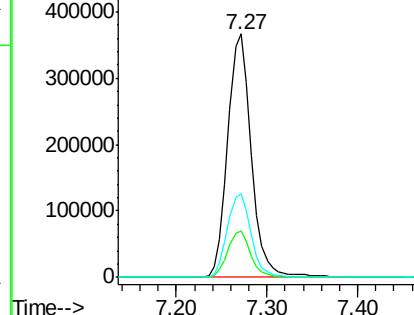
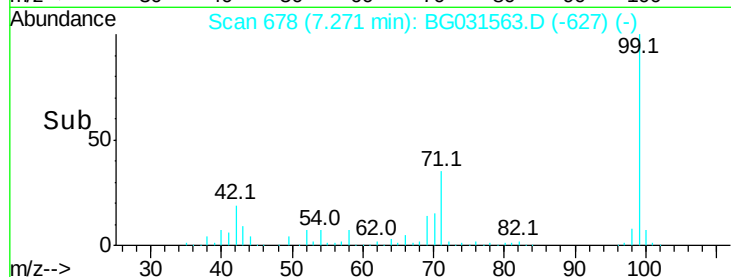
99 100

42 19.1 14.1 21.1

71 34.5 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: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG031563.D

Acq: 14 Dec 2017 17:56

Tgt Ion: 136 Resp: 278953

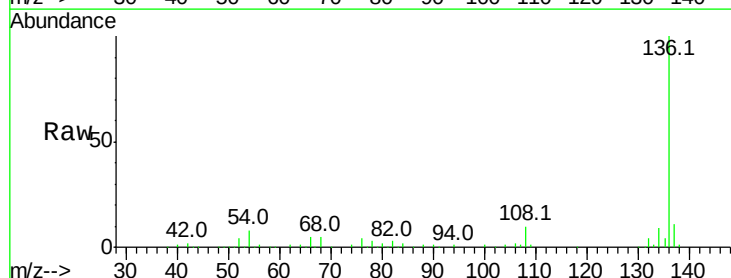
Ion Ratio Lower Upper

136 100

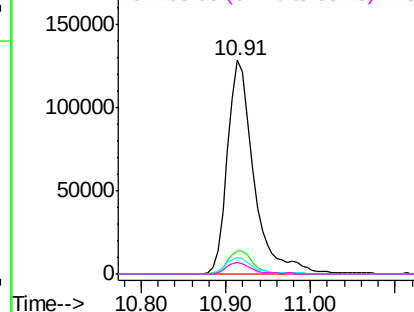
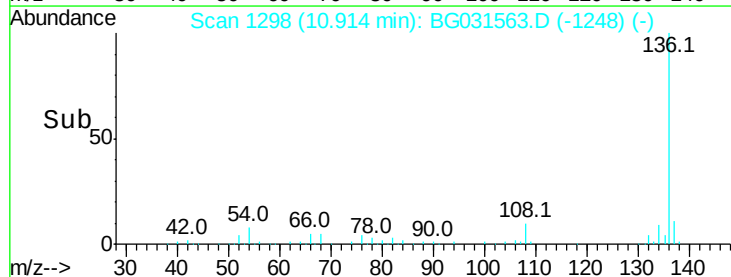
137 10.5 9.2 13.8

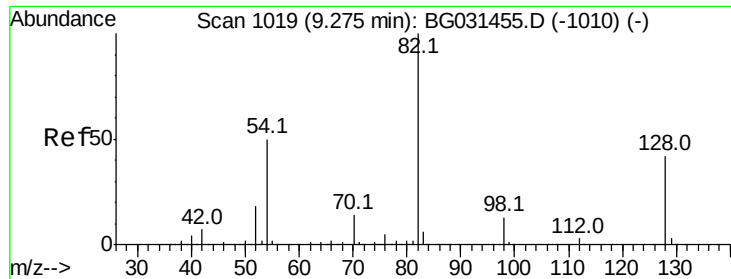
54 7.8 10.3 15.5#

68 5.4 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: 87.113 ng

RT: 9.27 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BG031563.D

Acq: 14 Dec 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB105021BL

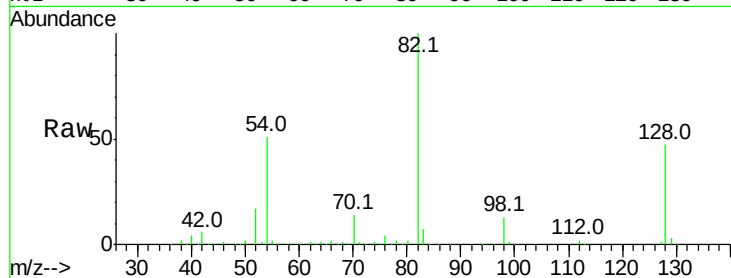
Tot Ion: 82 Resp: 394255

Ion Ratio Lower Upper

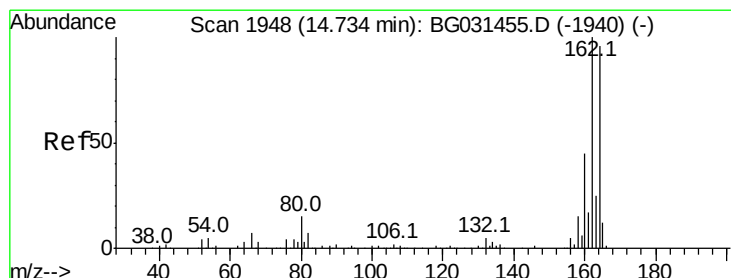
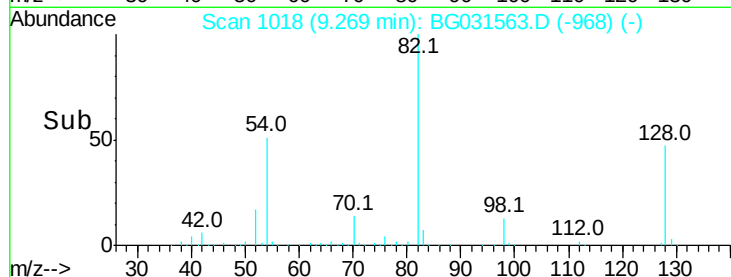
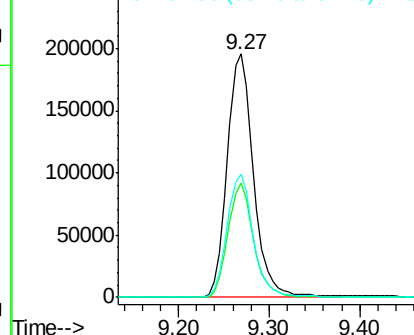
82 100

128 47.0 29.7 44.5#

54 50.8 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# 1947

Delta R.T. -0.01 min

Lab File: BG031563.D

Acq: 14 Dec 2017 17:56

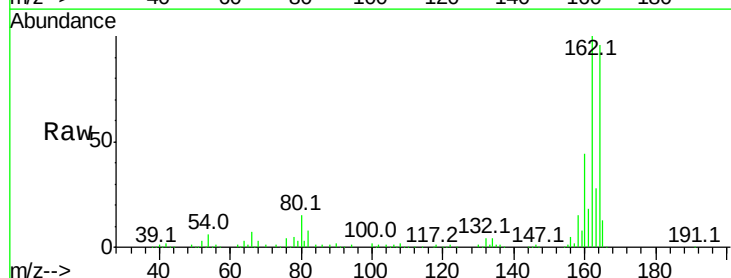
Tgt Ion:164 Resp: 167855

Ion Ratio Lower Upper

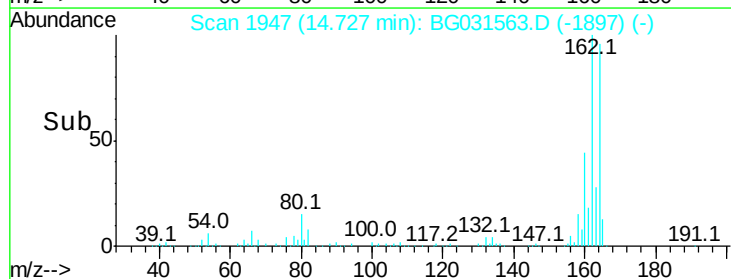
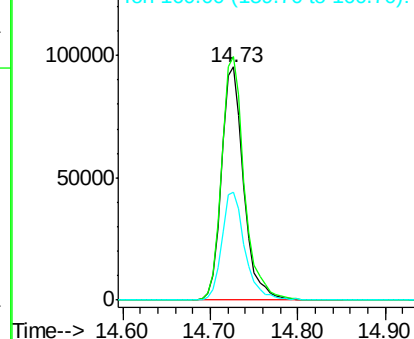
164 100

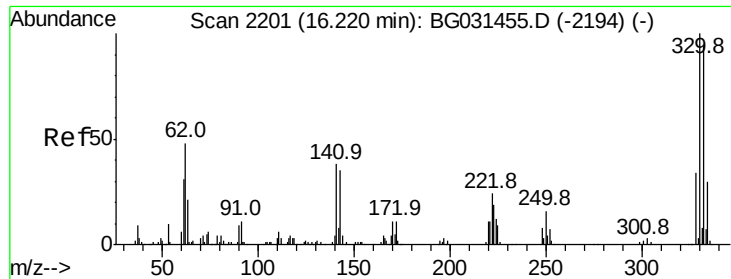
162 104.5 78.8 118.2

160 46.4 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

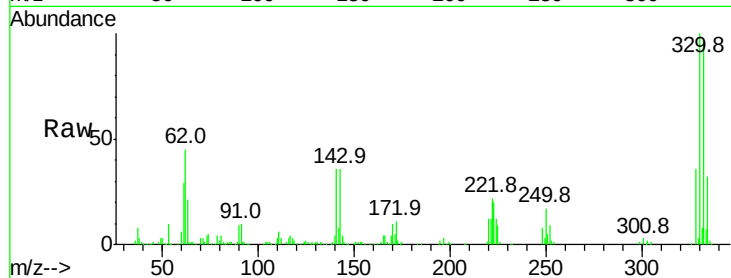




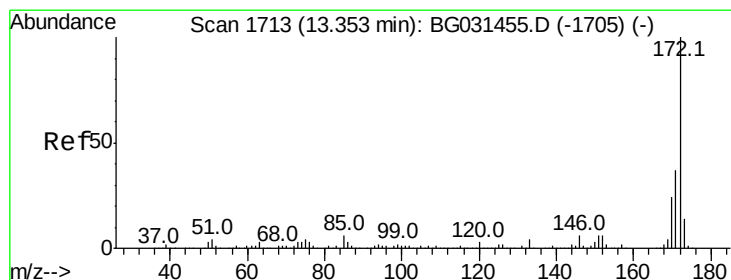
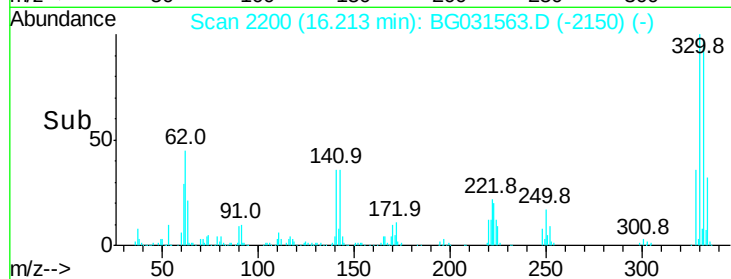
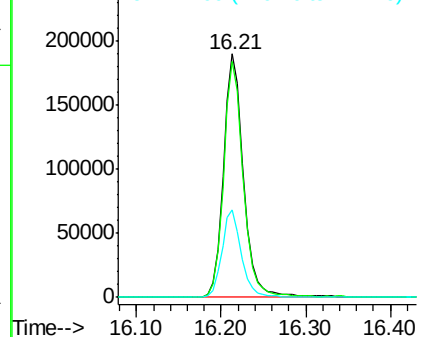
#41
 2,4,6-Tribromophenol
 Concen: 159.491 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031563.D
 Acq: 14 Dec 2017 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PB105021BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	35.2	25.2	37.8

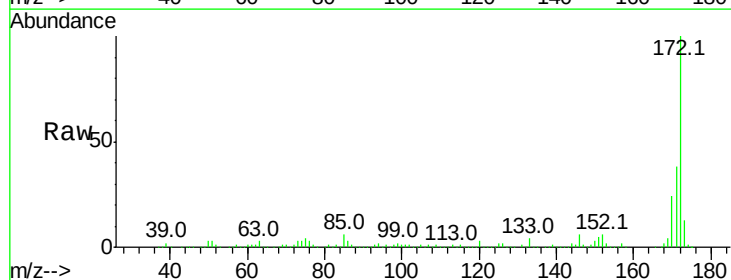


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

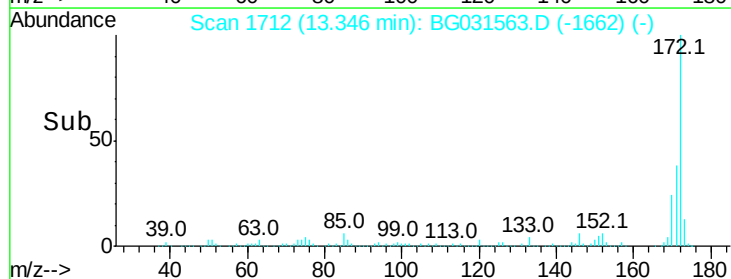
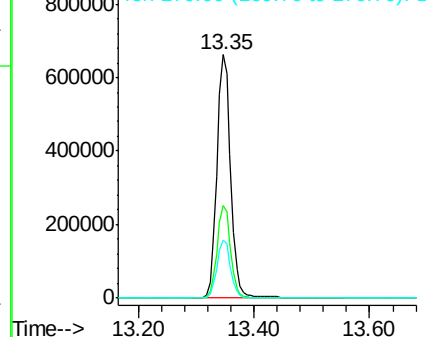


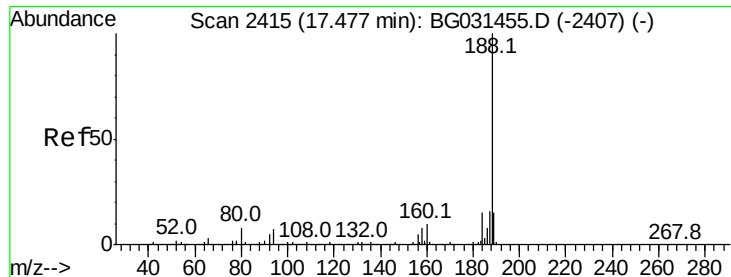
#44
 2-Fluorobiphenyl
 Concen: 96.319 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031563.D
 Acq: 14 Dec 2017 17:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	23.8	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: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG031563.D

Acq: 14 Dec 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB105021BL

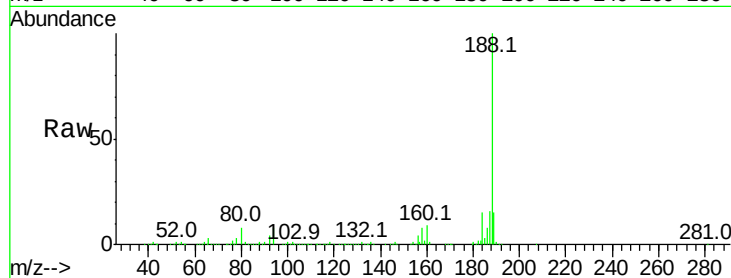
Tot Ion:188 Resp: 466738

Ion Ratio Lower Upper

188 100

94 7.5 6.9 10.3

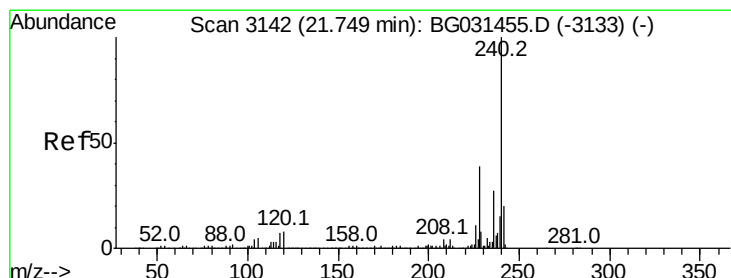
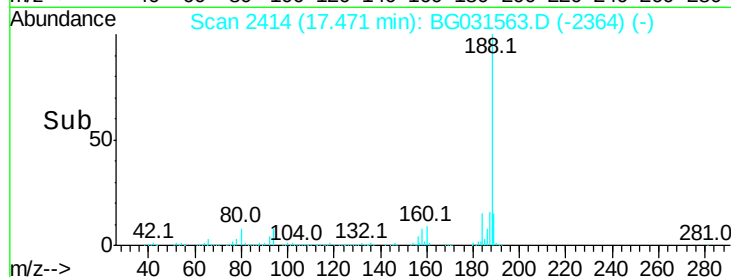
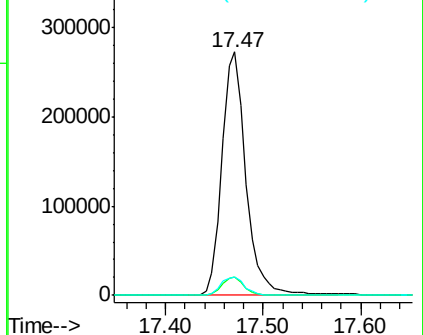
80 7.5 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031563.D

Acq: 14 Dec 2017 17:56

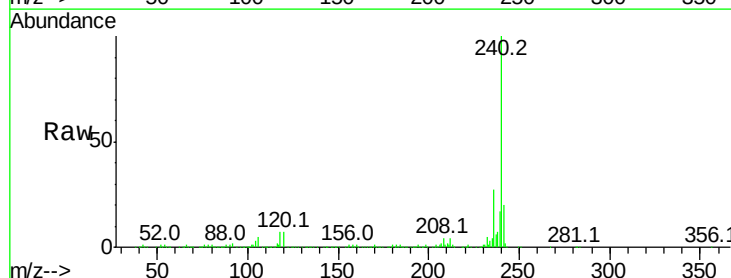
Tgt Ion:240 Resp: 554789

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

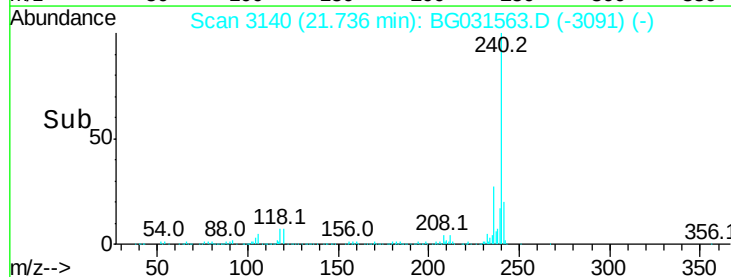
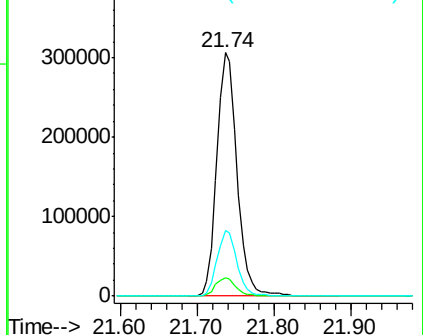
236 27.1 20.9 31.3

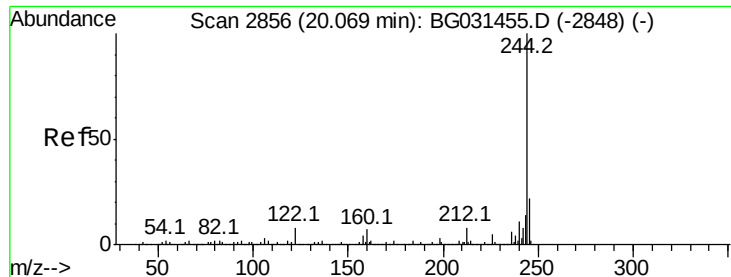


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.707 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG031563.D

Acq: 14 Dec 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB105021BL

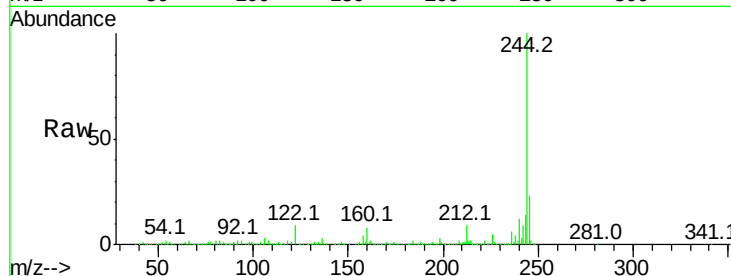
Tot Ion:244 Resp: 2089917

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

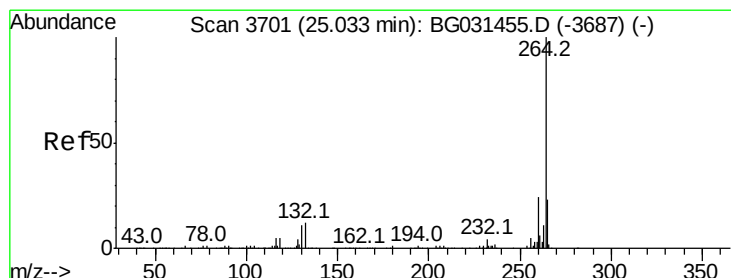
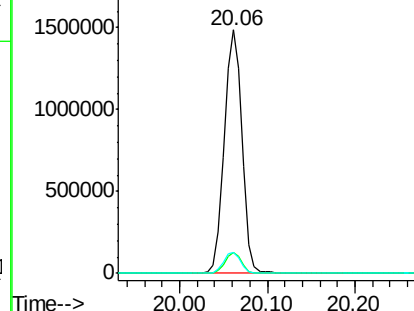
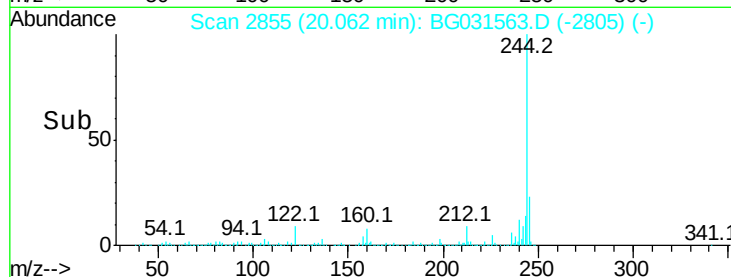
122 8.7 7.0 10.4



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: BG031563.D

Acq: 14 Dec 2017 17:56

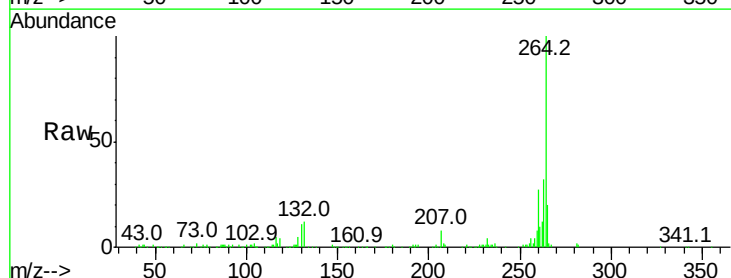
Tgt Ion:264 Resp: 211746

Ion Ratio Lower Upper

264 100

260 27.4 17.4 26.0#

265 20.1 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

