

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062117\
 Data File : BG027581.D
 Acq On : 22 Jun 2017 5:07
 Operator : SJ/JU
 Sample : PB99860BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 07:48:16 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

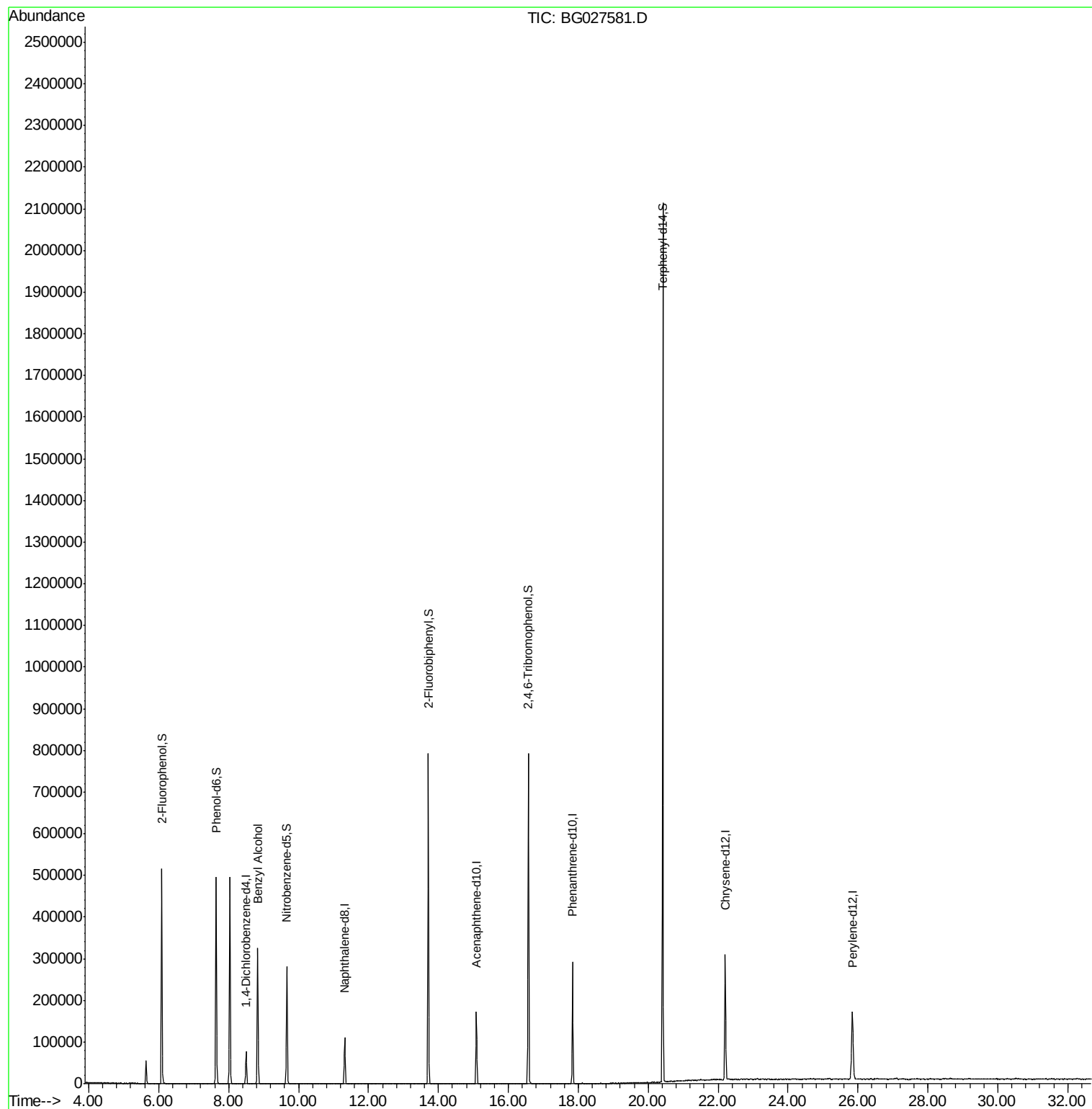
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	19965	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	93068	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	56874	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	174561	20.00	ng	0.00
75) Chrysene-d12	22.20	240	201498	20.00	ng	-0.01
86) Perylene-d12	25.84	264	191045	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	209236	149.16	ng	0.00
7) Phenol-d6	7.64	99	284095	136.80	ng	0.00
23) Nitrobenzene-d5	9.67	82	179032	91.03	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	137854	162.58	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	388376	93.28	ng	0.00
78) Terphenyl-d14	20.42	244	882586	103.20	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.83	79	3393	2.05	ng	# 36

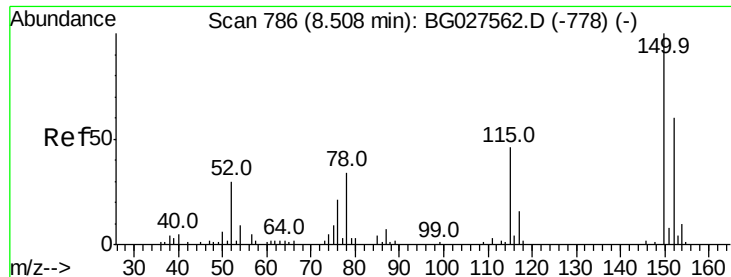
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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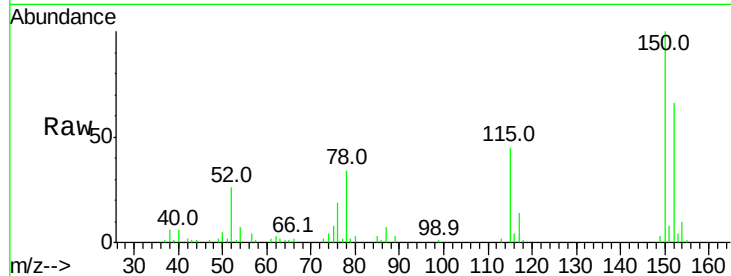


#1

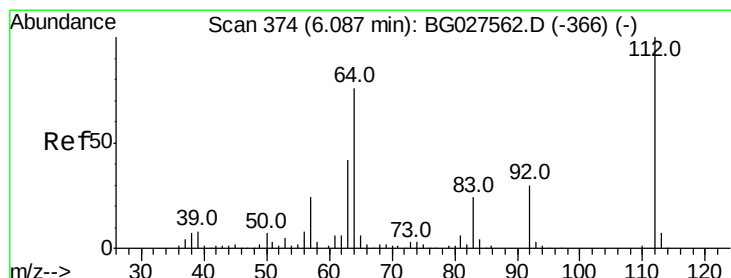
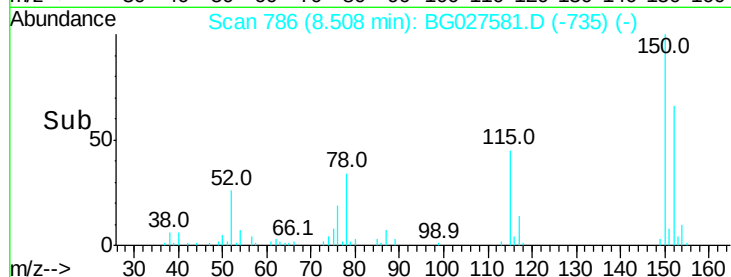
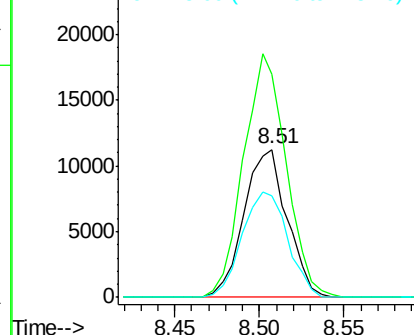
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.51 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027581.D
Acq: 22 Jun 2017 5:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 19965
Ion Ratio Lower Upper
152 100
150 150.6 114.0 171.0
115 68.4 48.1 72.1



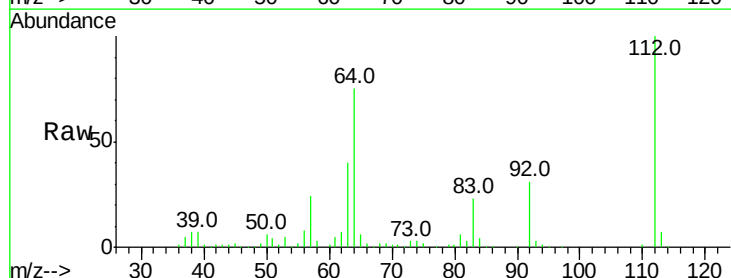
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



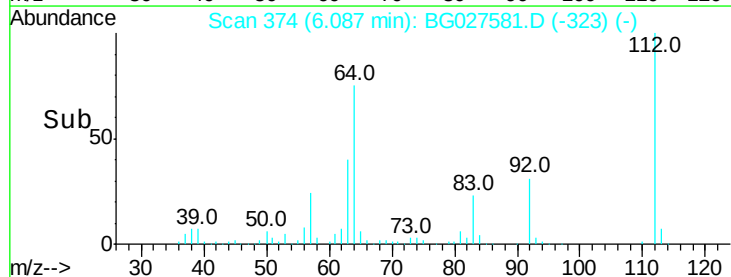
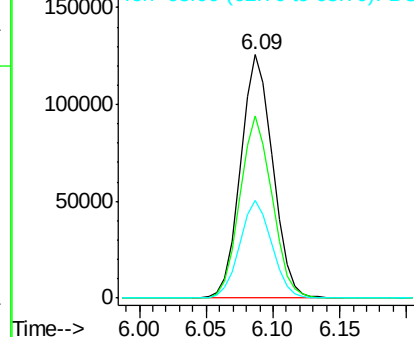
#5

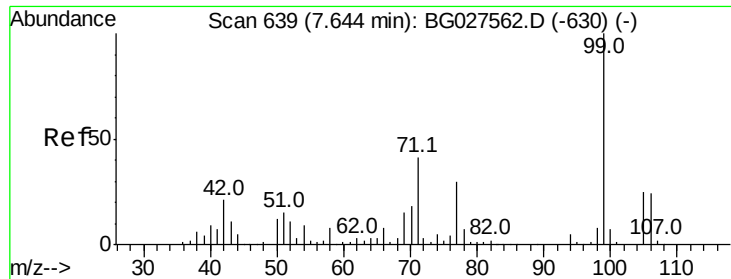
2-Fluorophenol
Concen: 149.16 ng
RT: 6.09 min Scan# 374
Delta R.T. -0.00 min
Lab File: BG027581.D
Acq: 22 Jun 2017 5:07

Tgt Ion:112 Resp: 209236
Ion Ratio Lower Upper
112 100
64 74.7 61.8 92.6
63 39.9 37.2 55.8



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: 136.80 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027581.D

Acq: 22 Jun 2017 5:07

Instrument :

BNA_G

ClientSampleId :

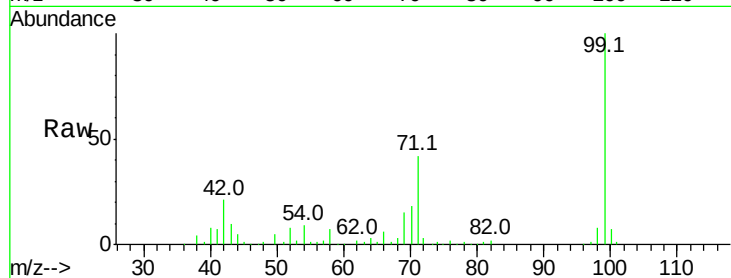
Tot Ion: 99 Resp: 284095

Ion Ratio Lower Upper

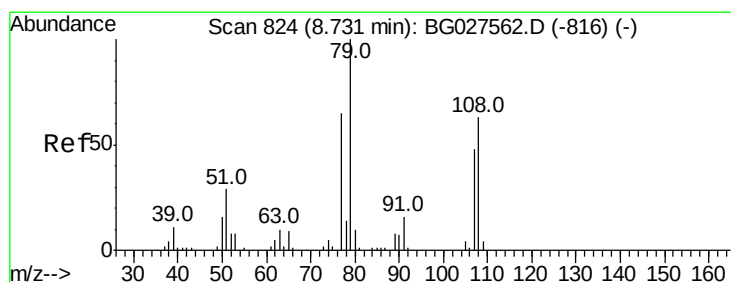
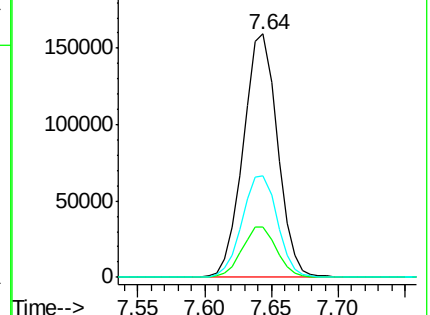
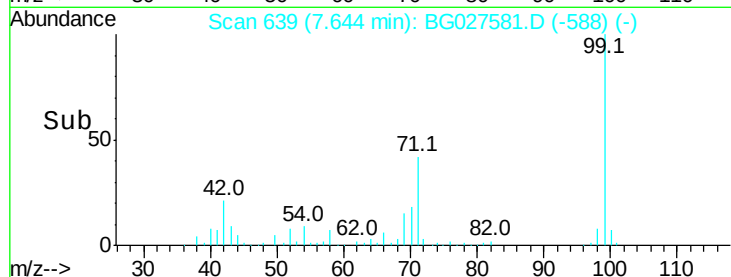
99 100

42 20.7 20.5 30.7

71 41.7 37.6 56.4



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



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 8.83 min Scan# 841

Delta R.T. 0.10 min

Lab File: BG027581.D

Acq: 22 Jun 2017 5:07

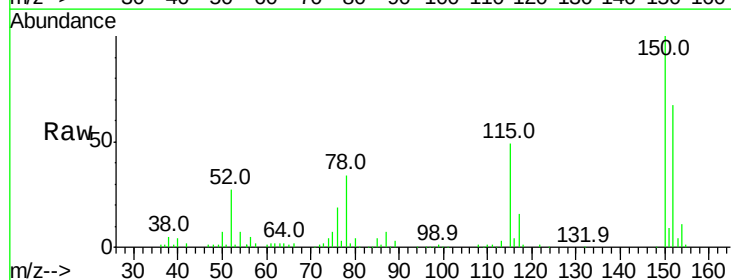
Tgt Ion: 79 Resp: 3393

Ion Ratio Lower Upper

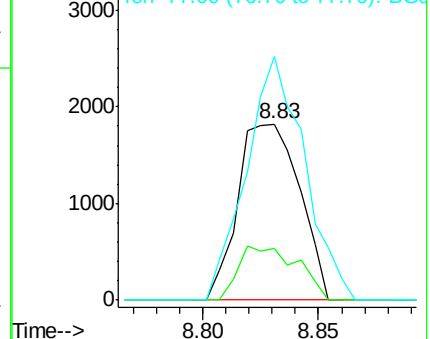
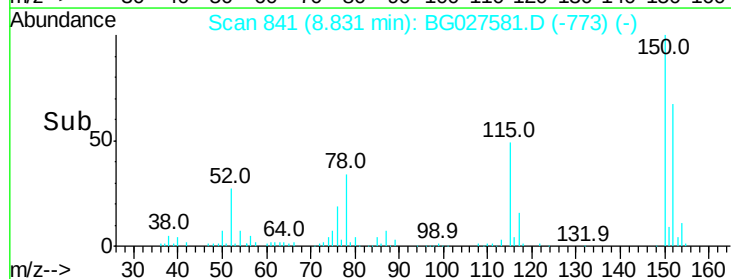
79 100

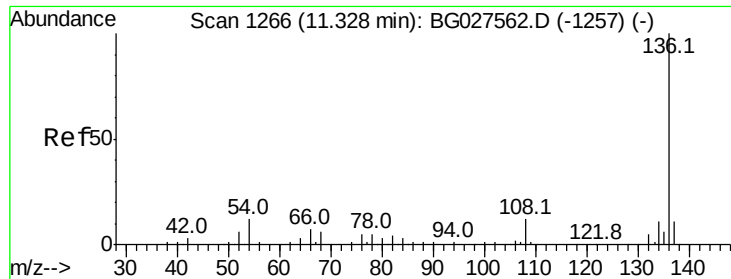
108 29.4 45.5 68.3#

77 138.3 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

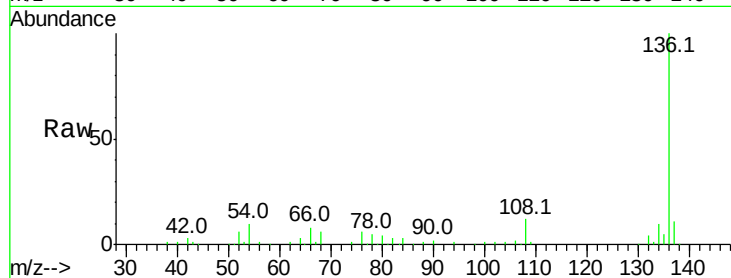




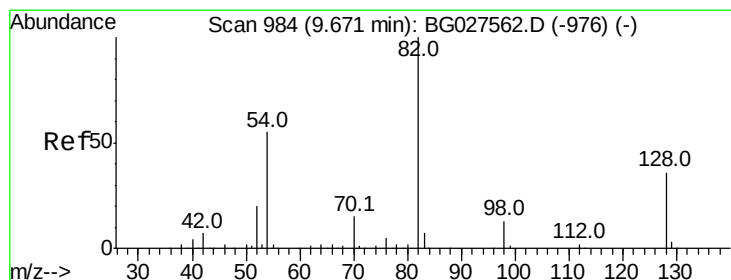
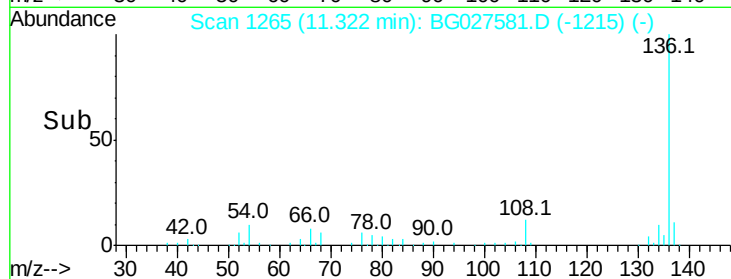
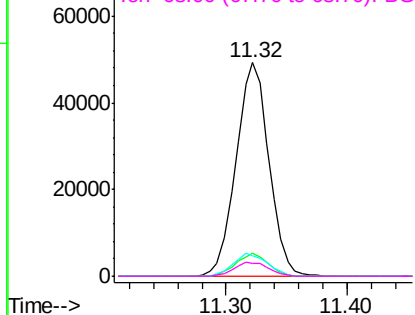
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.32 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG027581.D
Acq: 22 Jun 2017 5:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	93068
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.7	9.3	13.9
68	6.3	5.1	7.7

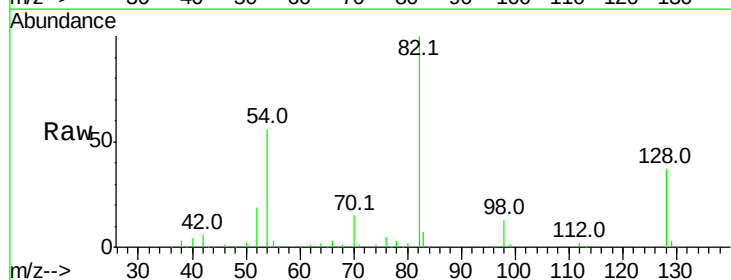


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

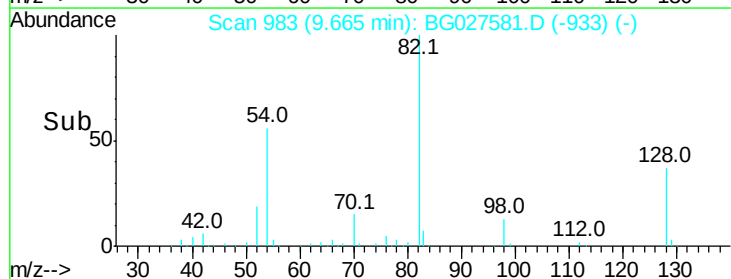
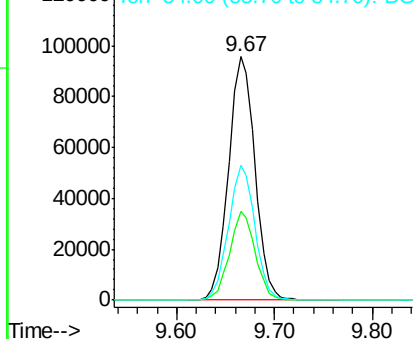


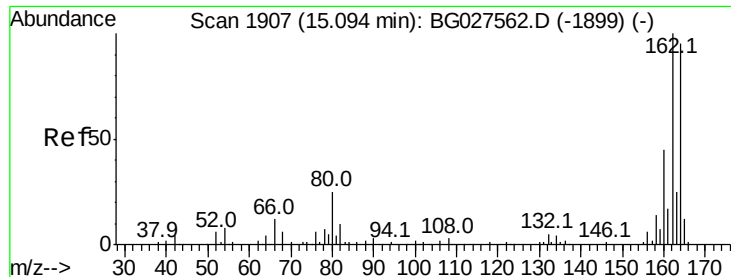
#23
Nitrobenzene-d5
Concen: 91.03 ng
RT: 9.67 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG027581.D
Acq: 22 Jun 2017 5:07

Tgt Ion:	82	Resp:	179032
Ion	Ratio	Lower	Upper
82	100		
128	36.7	26.4	39.6
54	55.5	49.4	74.2



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: 20.00 ng

RT: 15.09 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BG027581.D

Acq: 22 Jun 2017 5:07

Instrument :

BNA_G

ClientSampled :

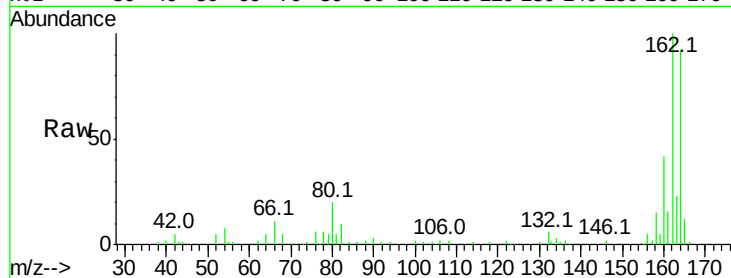
Tot Ion:164 Resp: 56874

Ion Ratio Lower Upper

164 100

162 108.4 85.1 127.7

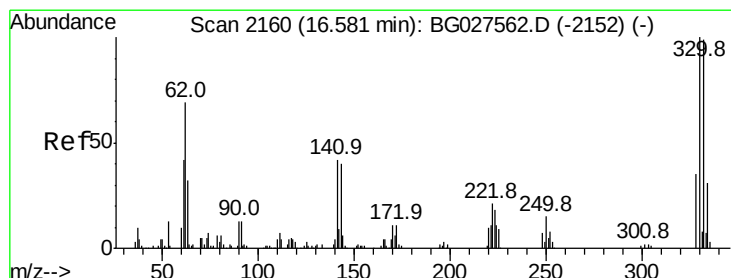
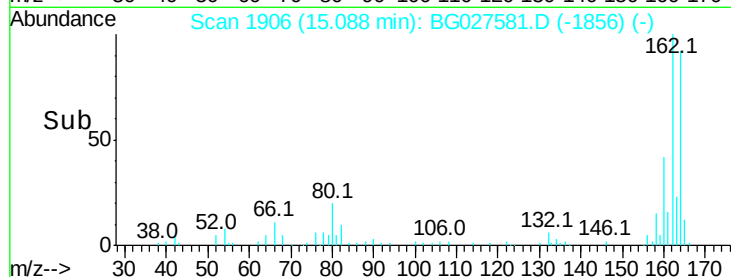
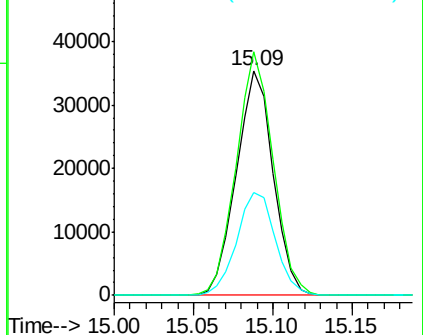
160 45.8 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 162.58 ng

RT: 16.57 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG027581.D

Acq: 22 Jun 2017 5:07

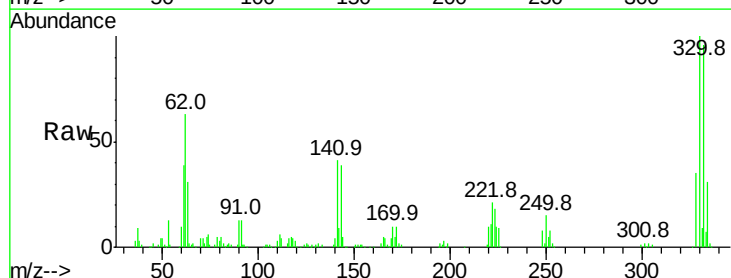
Tgt Ion:330 Resp: 137854

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

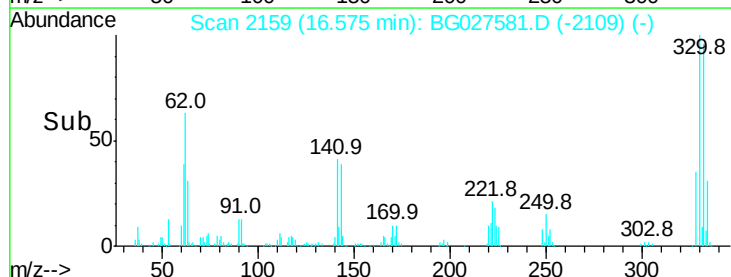
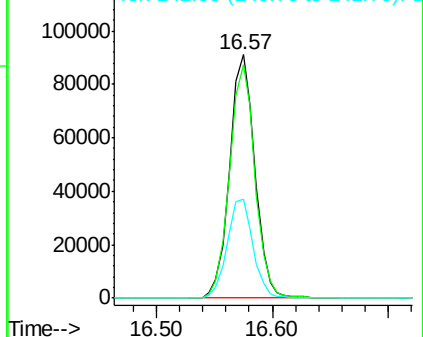
141 41.6 32.1 48.1

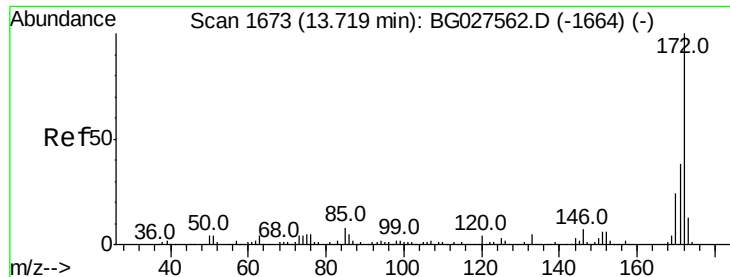


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

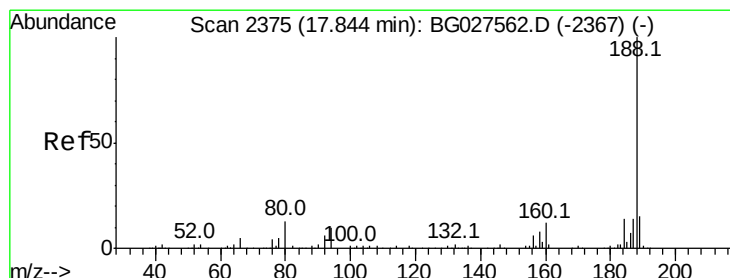
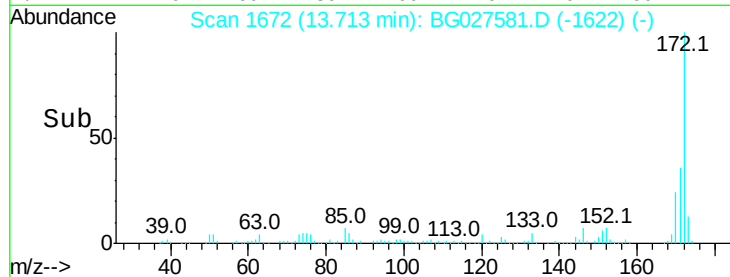
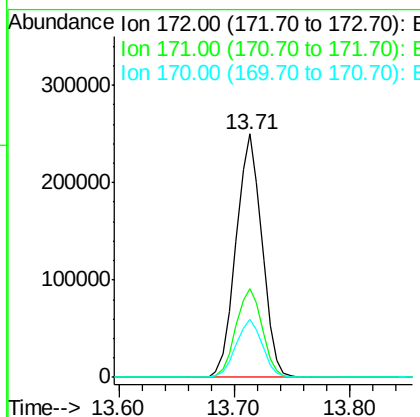
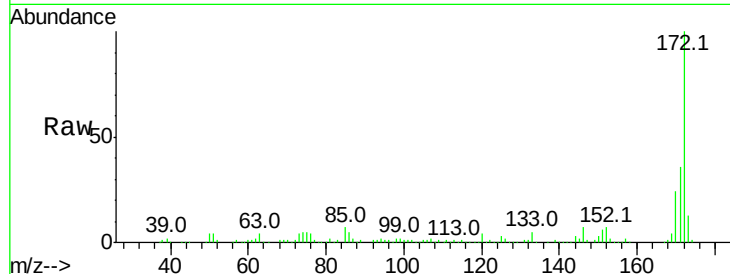




#44
 2-Fluorobiphenyl
 Concen: 93.28 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027581.D
 Acq: 22 Jun 2017 5:07

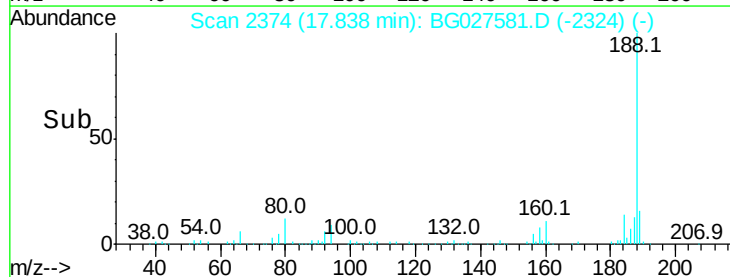
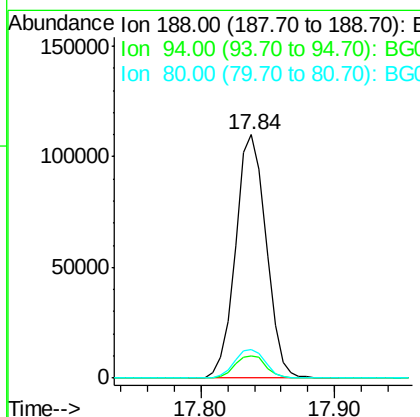
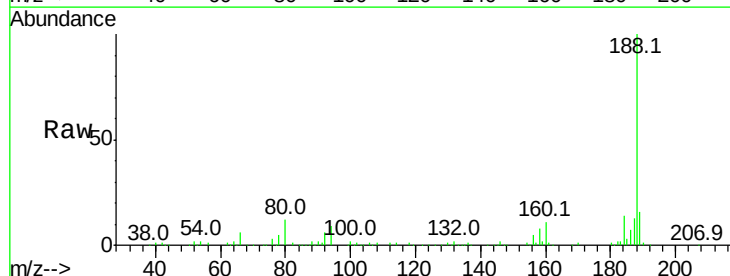
Instrument :
 BNA_G
 ClientSampleId :

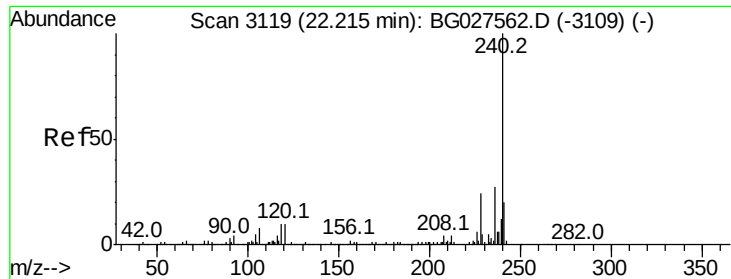
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	32.2	48.2
170	23.9	21.8	32.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.84 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG027581.D
 Acq: 22 Jun 2017 5:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	5.8	8.8#
80	11.6	7.5	11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.20 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG027581.D

Acq: 22 Jun 2017 5:07

Instrument :

BNA_G

ClientSampled :

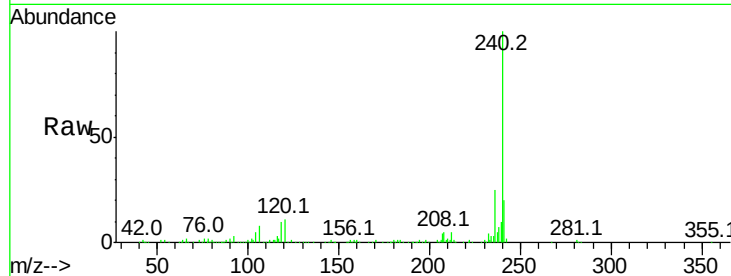
Tot Ion:240 Resp: 201498

Ion Ratio Lower Upper

240 100

120 10.9 5.7 8.5#

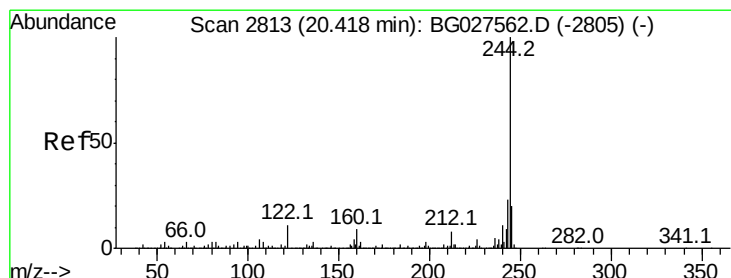
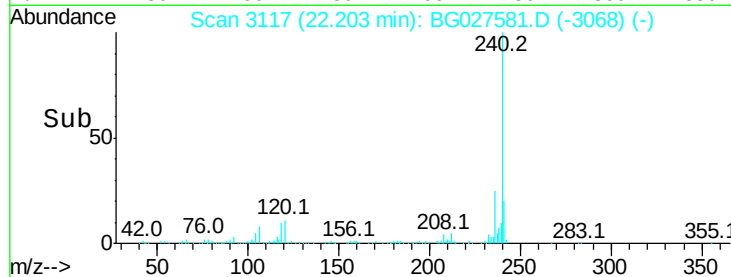
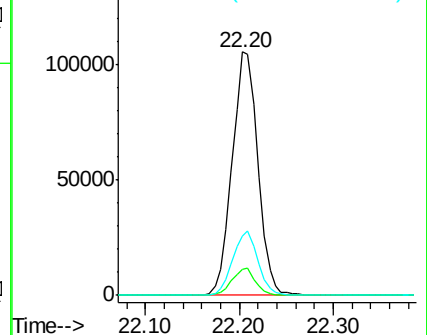
236 24.5 22.2 33.4



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: 103.20 ng

RT: 20.42 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG027581.D

Acq: 22 Jun 2017 5:07

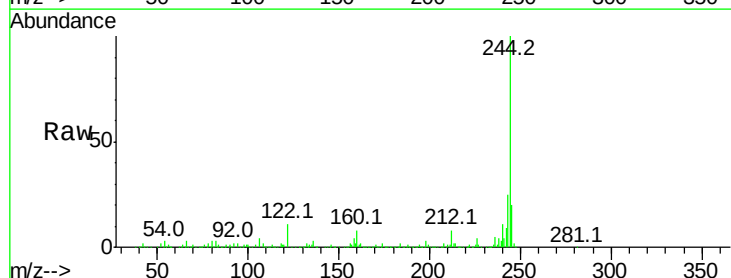
Tgt Ion:244 Resp: 882586

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

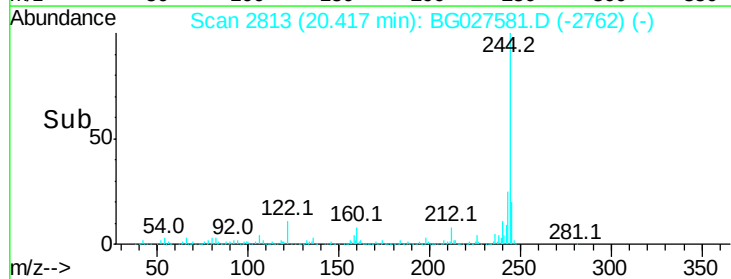
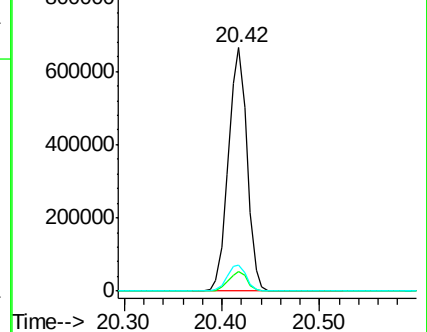
122 10.9 8.6 12.8

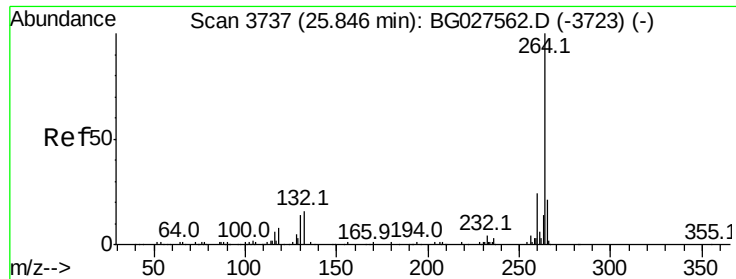


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

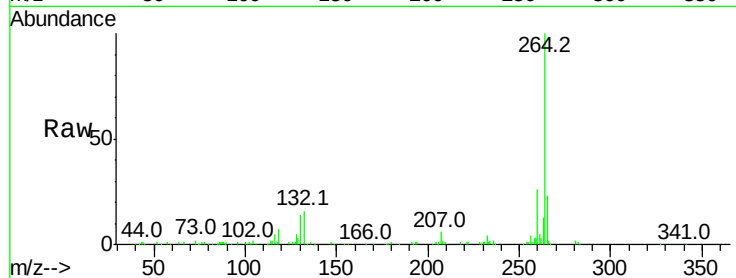




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.84 min Scan# 3736
 Delta R.T. -0.01 min
 Lab File: BG027581.D
 Acq: 22 Jun 2017 5:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.8	32.8
265	22.7	18.2	27.4



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

