

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062217\
 Data File : BG027599.D
 Acq On : 22 Jun 2017 16:56
 Operator : SJ/JU
 Sample : PB100021BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 23 02:08:49 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

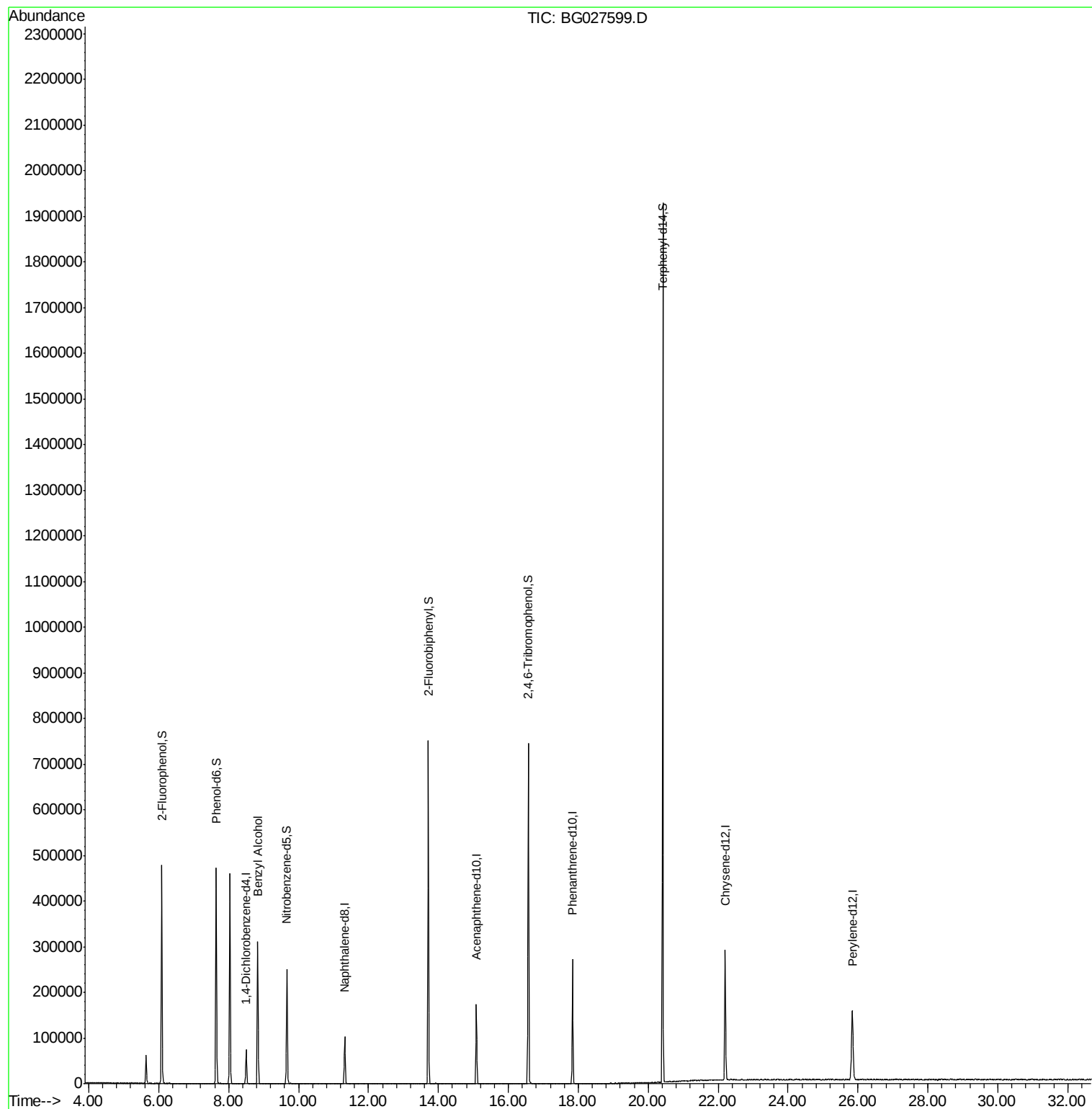
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	19429	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	87905	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	55940	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	171766	20.00	ng	0.00
75) Chrysene-d12	22.20	240	187771	20.00	ng	-0.01
86) Perylene-d12	25.84	264	181116	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	195592	143.28	ng	0.00
7) Phenol-d6	7.64	99	266046	131.64	ng	0.00
23) Nitrobenzene-d5	9.67	82	165308	88.98	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	136534	163.71	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	371057	90.61	ng	0.00
78) Terphenyl-d14	20.42	244	816825	102.49	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.83	79	3364	2.08	ng	# 37

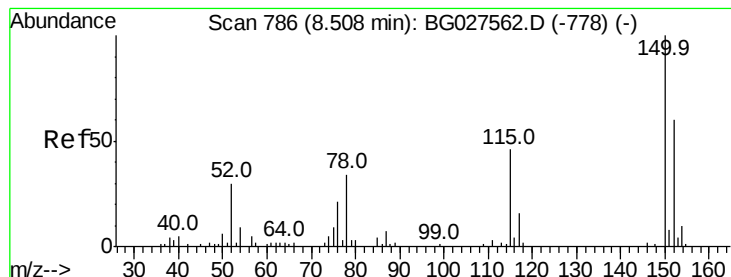
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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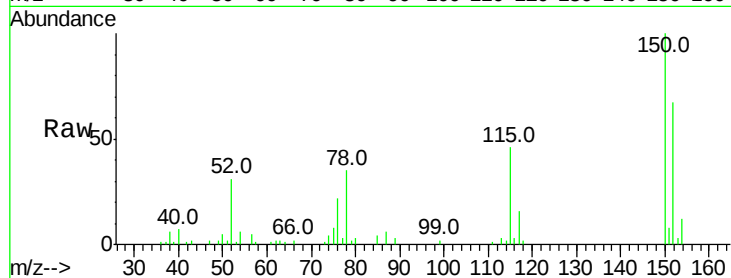


#1

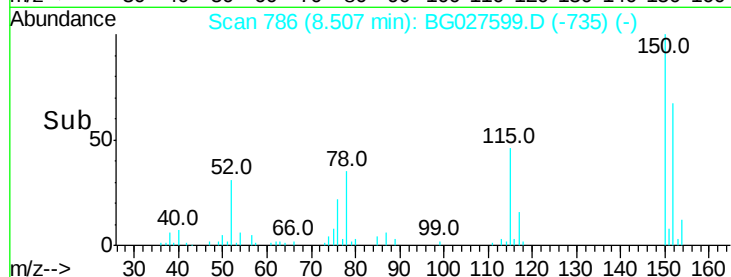
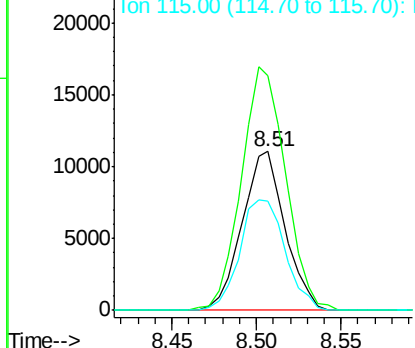
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.51 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027599.D
Acq: 22 Jun 2017 16:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 19429
Ion Ratio Lower Upper
152 100
150 148.3 114.0 171.0
115 68.6 48.1 72.1



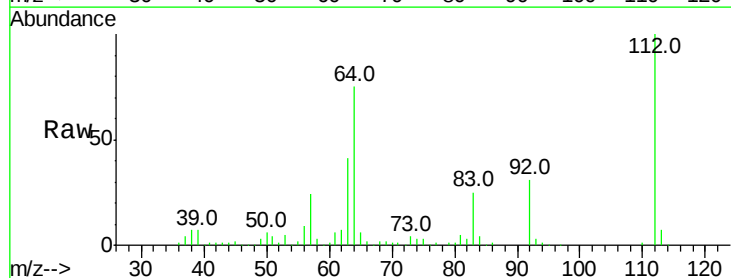
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



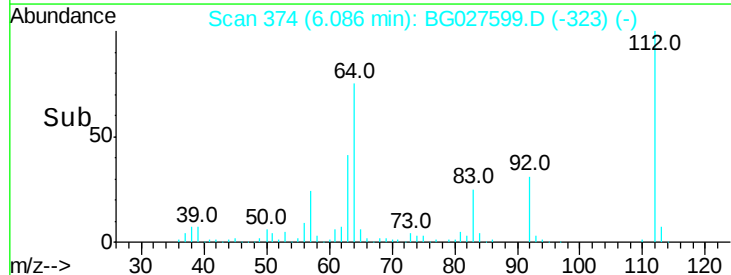
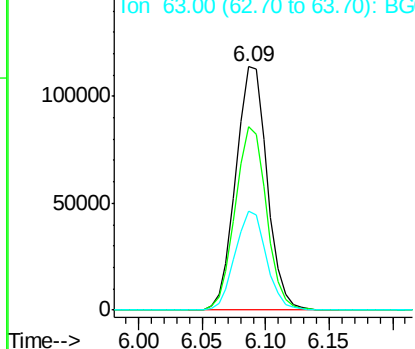
#5

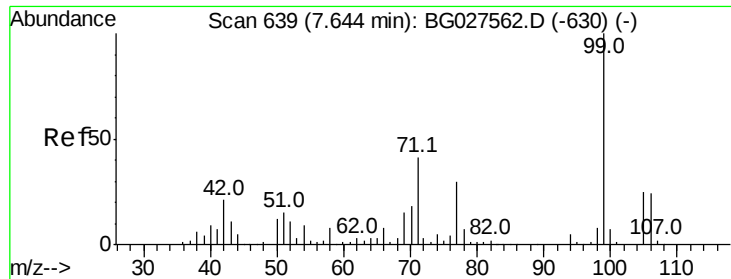
2-Fluorophenol
Concen: 143.28 ng
RT: 6.09 min Scan# 374
Delta R.T. -0.00 min
Lab File: BG027599.D
Acq: 22 Jun 2017 16:56

Tgt Ion:112 Resp: 195592
Ion Ratio Lower Upper
112 100
64 75.2 61.8 92.6
63 40.6 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: 131.64 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027599.D

Acq: 22 Jun 2017 16:56

Instrument :

BNA_G

ClientSampleId :

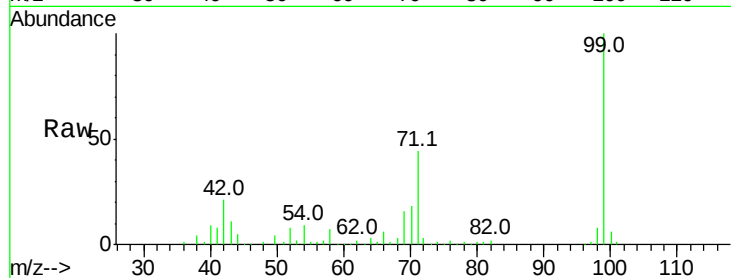
Tot Ion: 99 Resp: 266046

Ion Ratio Lower Upper

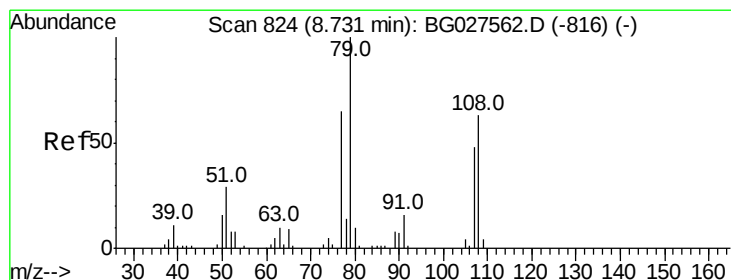
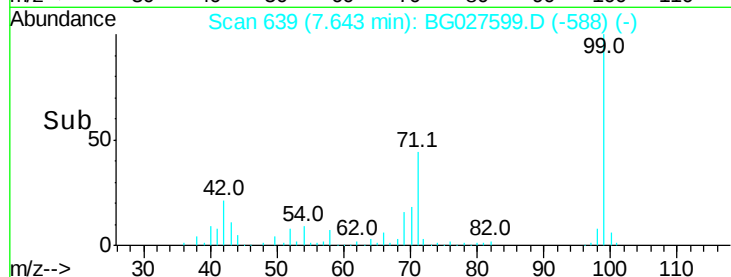
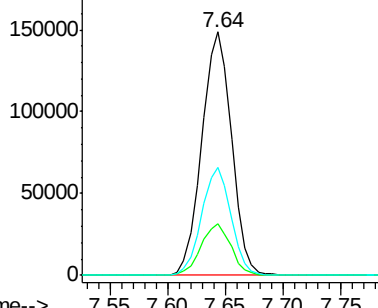
99 100

42 21.4 20.5 30.7

71 44.4 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: 2.08 ng

RT: 8.83 min Scan# 841

Delta R.T. 0.10 min

Lab File: BG027599.D

Acq: 22 Jun 2017 16:56

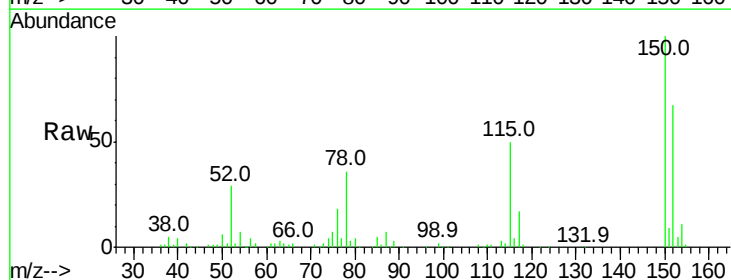
Tgt Ion: 79 Resp: 3364

Ion Ratio Lower Upper

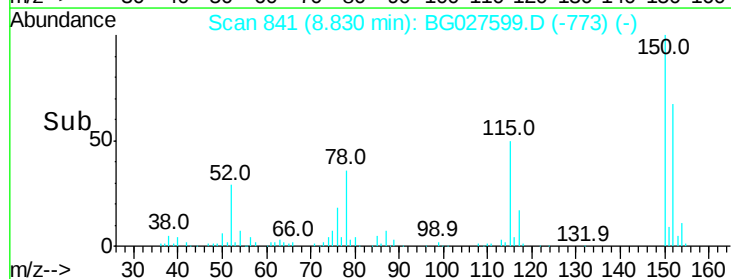
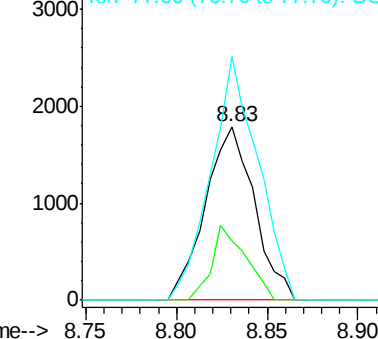
79 100

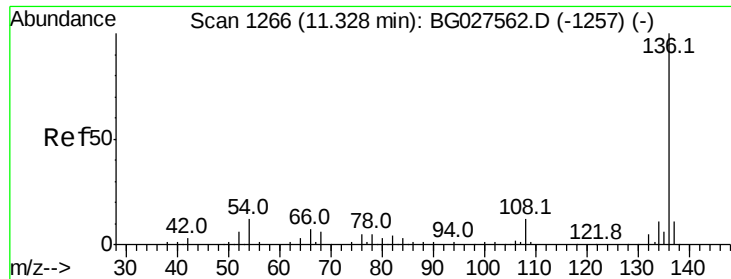
108 34.0 45.5 68.3#

77 140.3 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

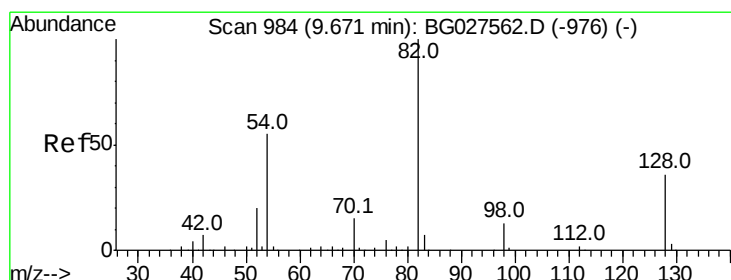
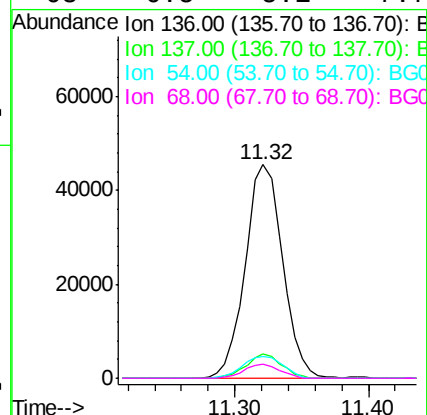
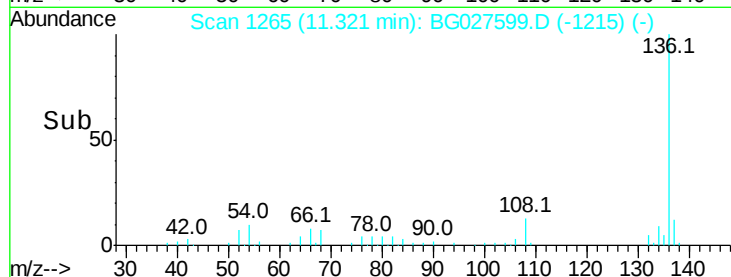
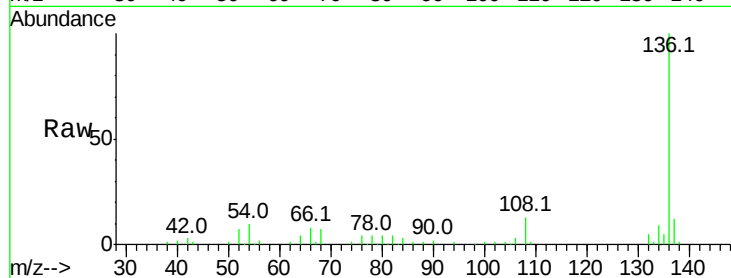




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.32 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG027599.D
Acq: 22 Jun 2017 16:56

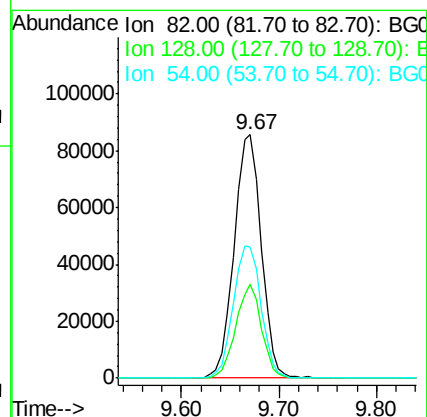
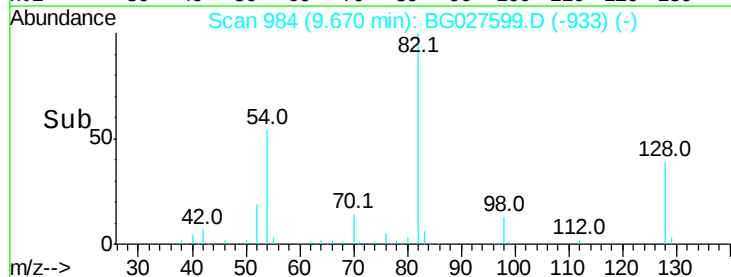
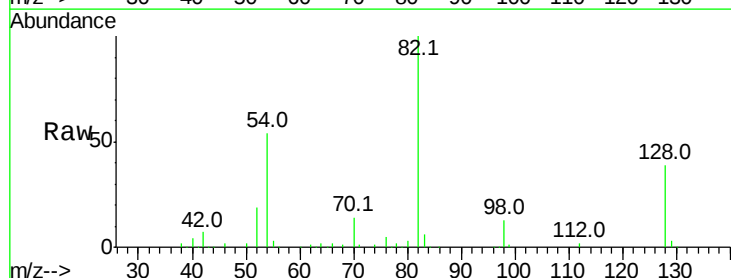
Instrument :
BNA_G
ClientSampleId :

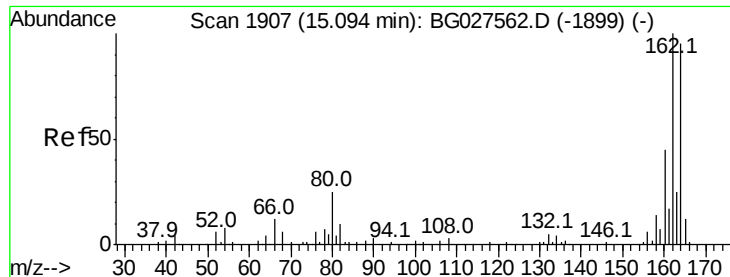
Tot Ion:	136	Resp:	87905
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	10.5	9.3	13.9
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 88.98 ng
RT: 9.67 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG027599.D
Acq: 22 Jun 2017 16:56

Tgt Ion:	82	Resp:	165308
Ion	Ratio	Lower	Upper
82	100		
128	38.5	26.4	39.6
54	53.7	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.09 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BG027599.D

Acq: 22 Jun 2017 16:56

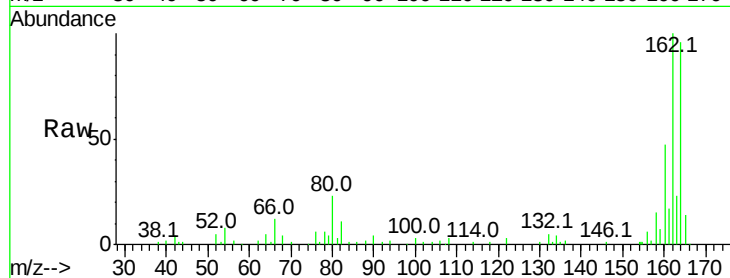
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 55940

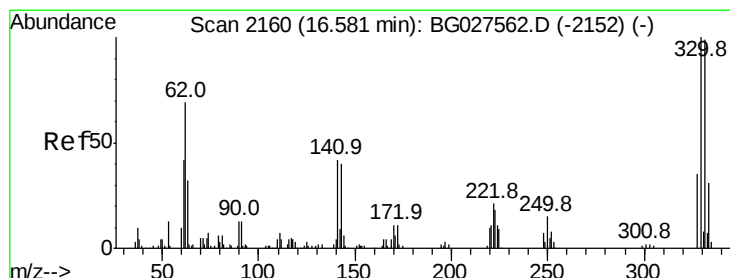
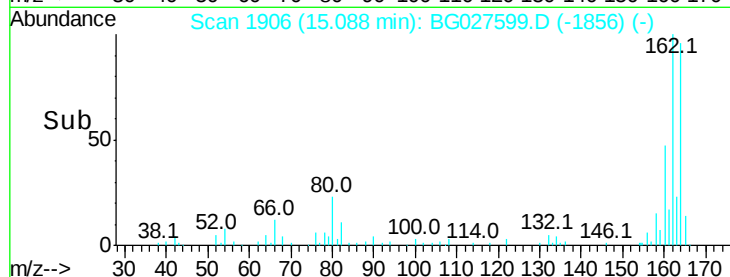
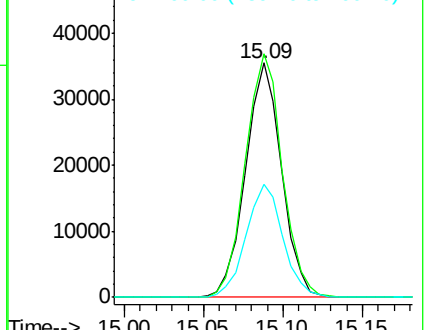
Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.1	127.7
160	48.4	34.7	52.1



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: 163.71 ng

RT: 16.57 min Scan# 2159

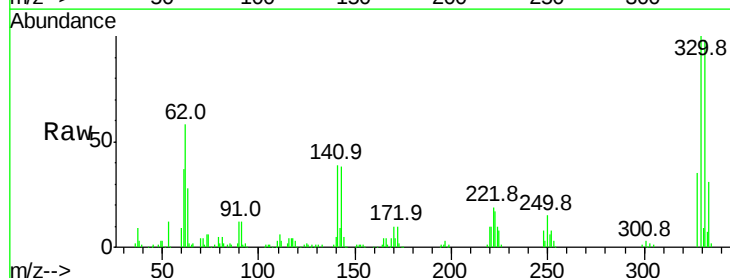
Delta R.T. -0.01 min

Lab File: BG027599.D

Acq: 22 Jun 2017 16:56

Tgt Ion:330 Resp: 136534

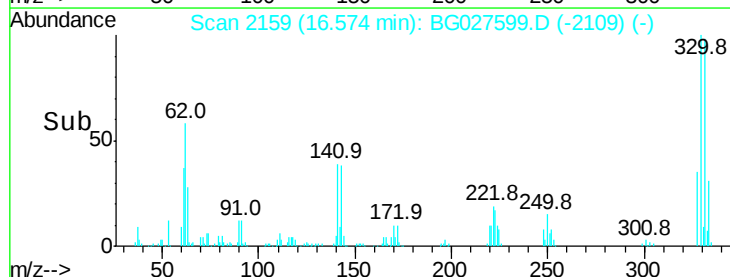
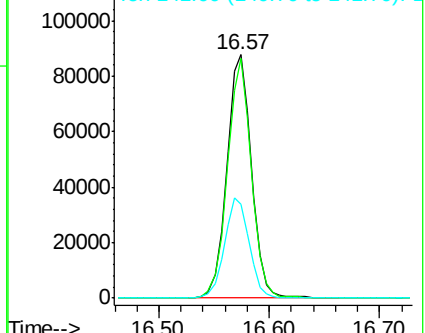
Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	41.2	32.1	48.1

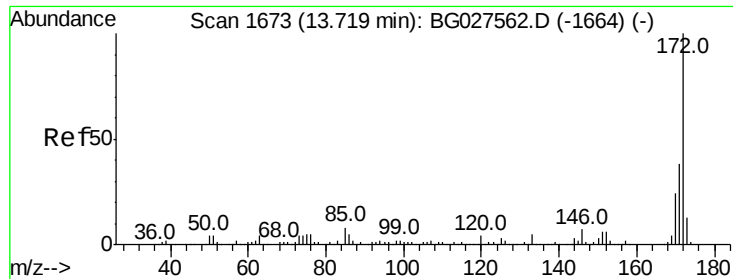


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



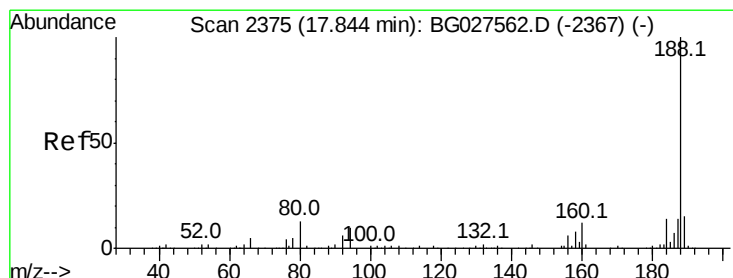
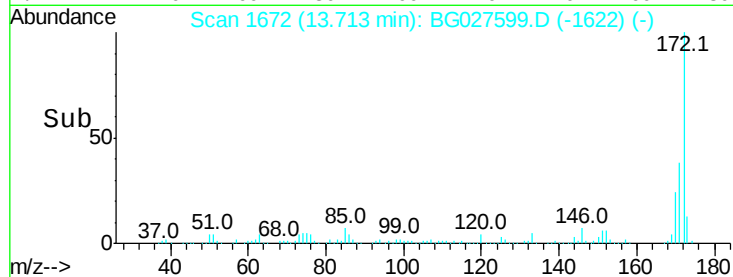
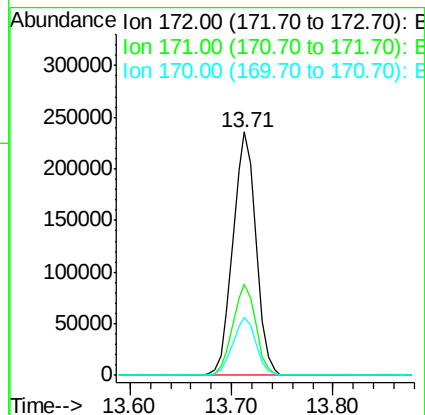
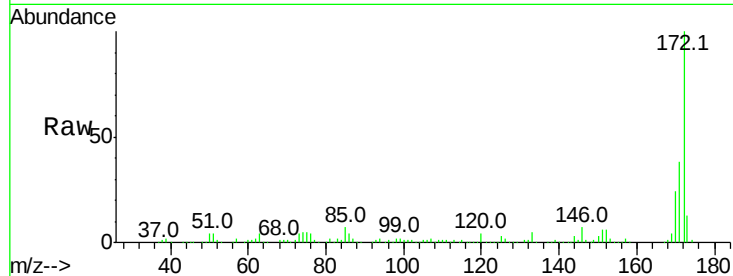


#44
 2-Fluorobiphenyl
 Concen: 90.61 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027599.D
 Acq: 22 Jun 2017 16:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 371057

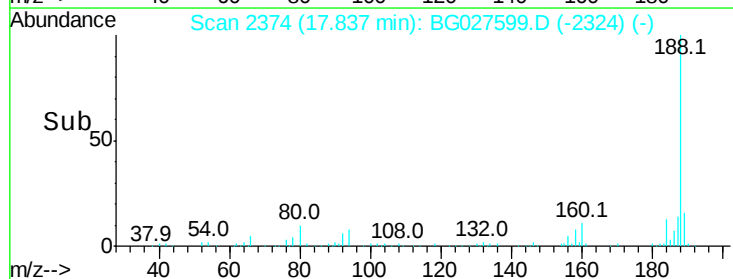
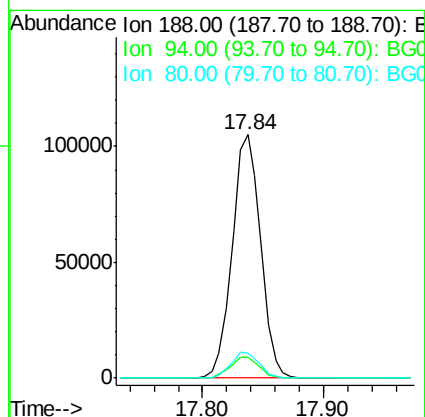
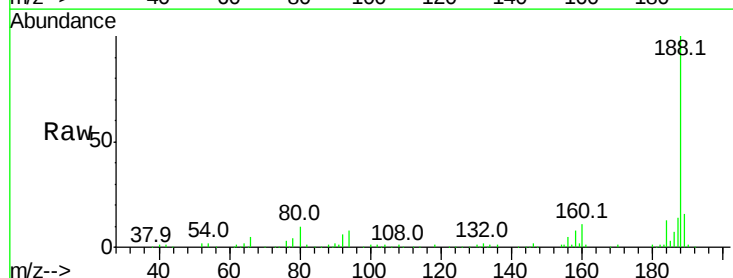
Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.2	48.2
170	23.7	21.8	32.6

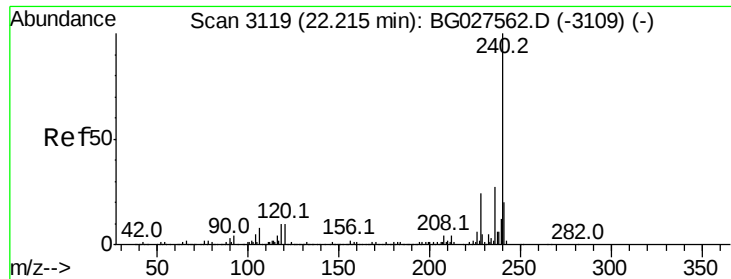


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.84 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG027599.D
 Acq: 22 Jun 2017 16:56

Tgt Ion:188 Resp: 171766

Ion	Ratio	Lower	Upper
188	100		
94	8.5	5.8	8.8
80	10.4	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: BG027599.D

Acq: 22 Jun 2017 16:56

Instrument :

BNA_G

ClientSampleId :

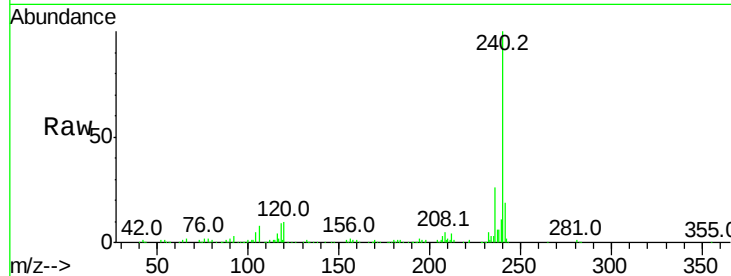
Tot Ion:240 Resp: 187771

Ion Ratio Lower Upper

240 100

120 10.1 5.7 8.5#

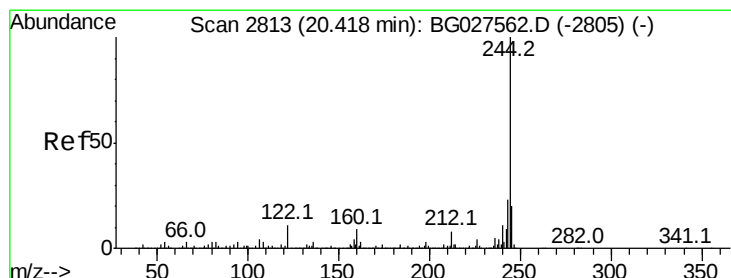
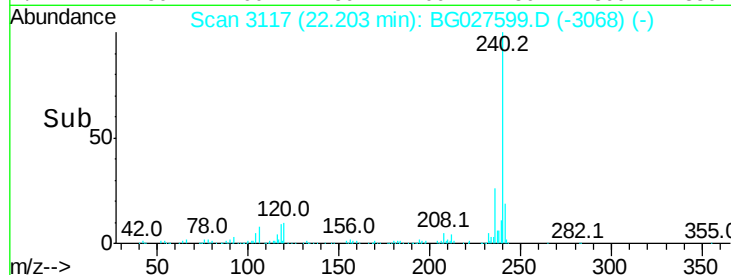
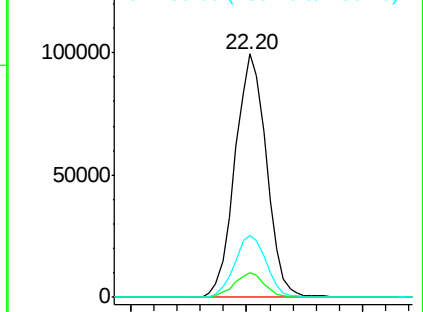
236 25.7 22.2 33.4



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: 102.49 ng

RT: 20.42 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG027599.D

Acq: 22 Jun 2017 16:56

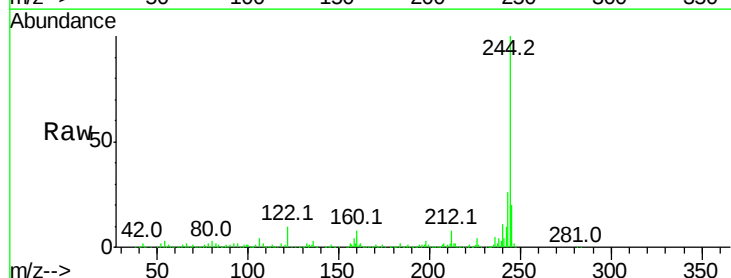
Tgt Ion:244 Resp: 816825

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

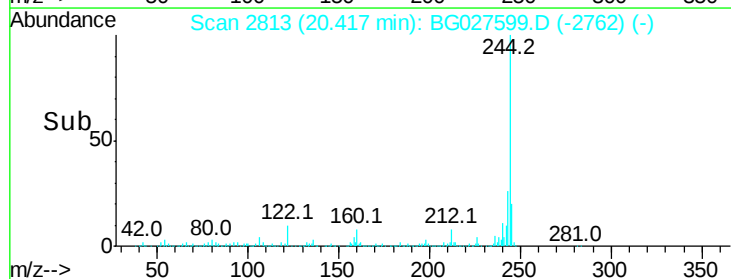
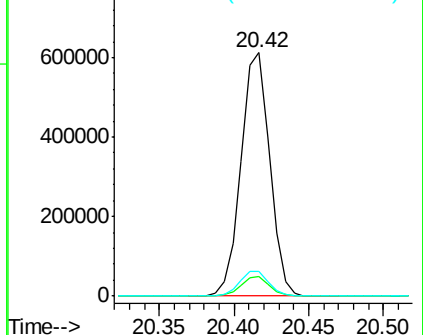
122 10.1 8.6 12.8



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: BG027599.D
Acq: 22 Jun 2017 16:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	21.8	32.8
265	18.9	18.2	27.4

