

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061217\
 Data File : BG027380.D
 Acq On : 12 Jun 2017 18:10
 Operator : SJ/MA
 Sample : I3584-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 13 03:52:32 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

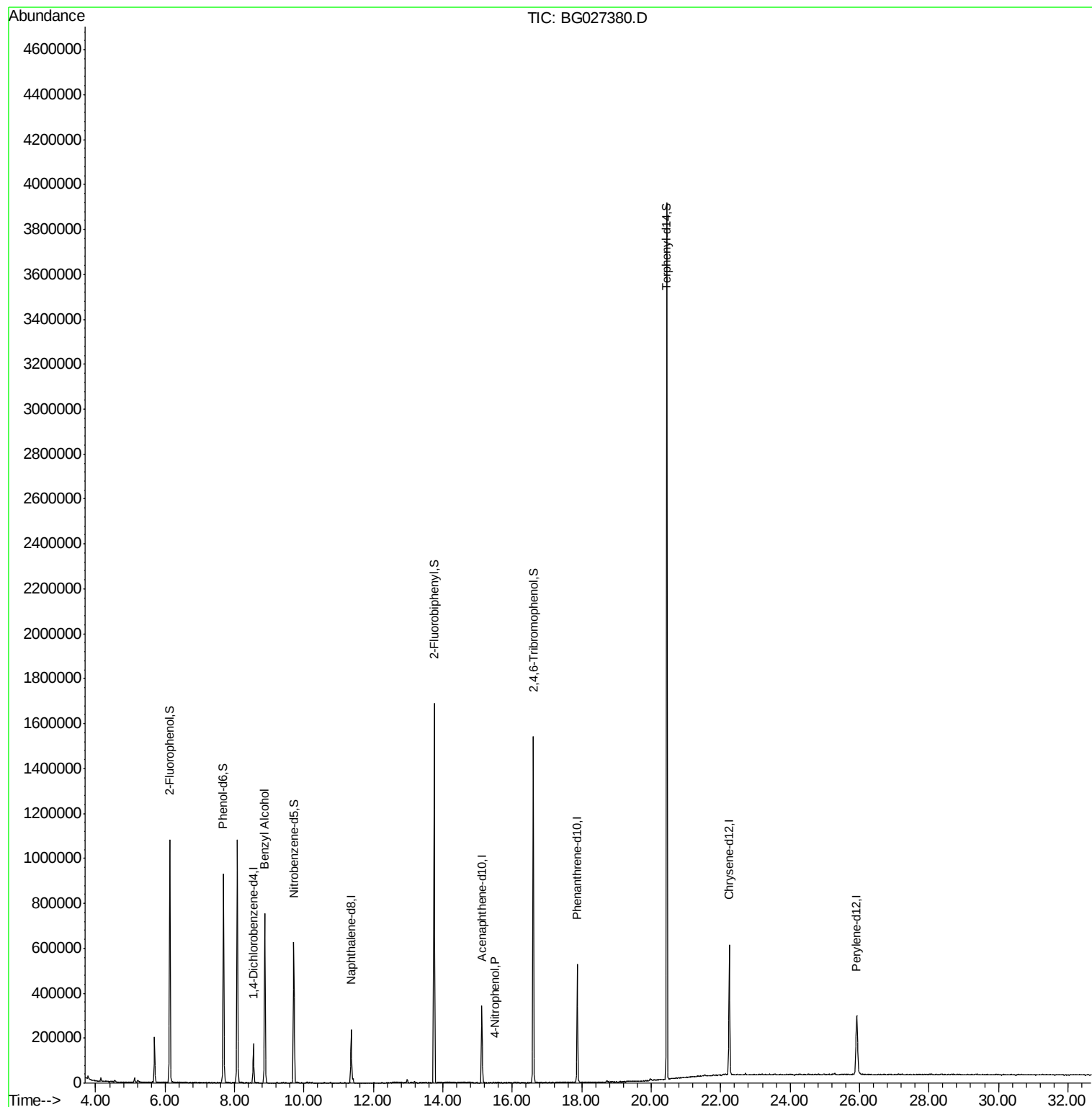
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	48475	20.00	ng	-0.04
21) Naphthalene-d8	11.36	136	210819	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	121781	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	318998	20.00	ng	-0.05
75) Chrysene-d12	22.25	240	388590	20.00	ng	-0.06
86) Perylene-d12	25.92	264	318854	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	489827	154.19	ng	-0.02
7) Phenol-d6	7.68	99	609945	130.80	ng	-0.02
23) Nitrobenzene-d5	9.71	82	411996	122.90	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	302591	188.69	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	901080	103.51	ng	-0.04
78) Terphenyl-d14	20.45	244	1722736	113.09	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	8.87	79	7376	2.25	ng	# 47
55) 4-Nitrophenol	15.51	139	499	6.38	ng	# 1

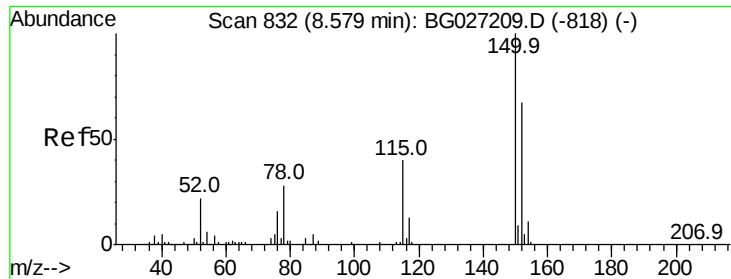
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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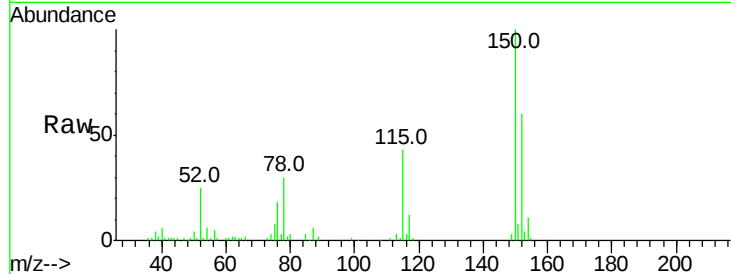


#1

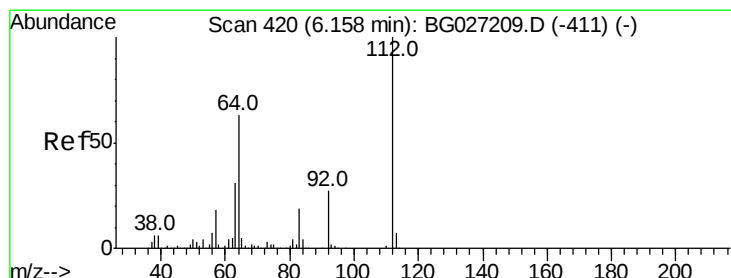
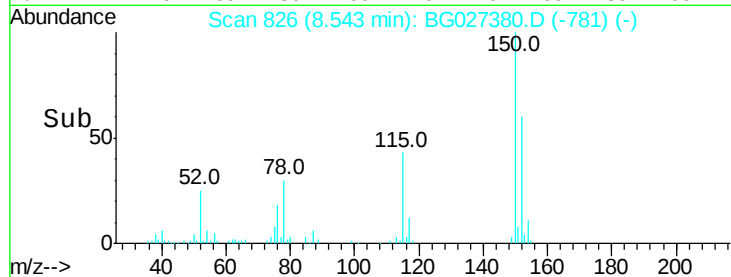
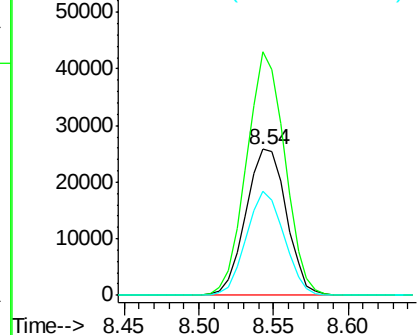
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.54 min Scan# 826
Delta R.T. -0.04 min
Lab File: BG027380.D
Acq: 12 Jun 2017 18:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.8	114.0	171.0
115	71.7	48.1	72.1



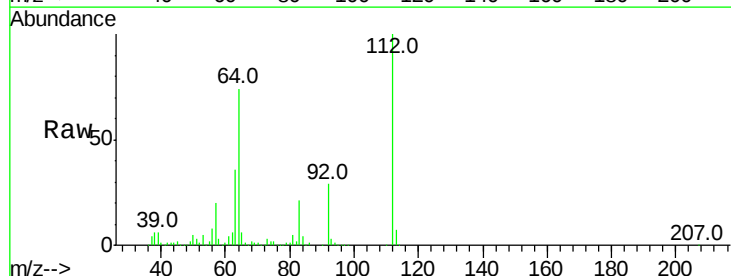
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



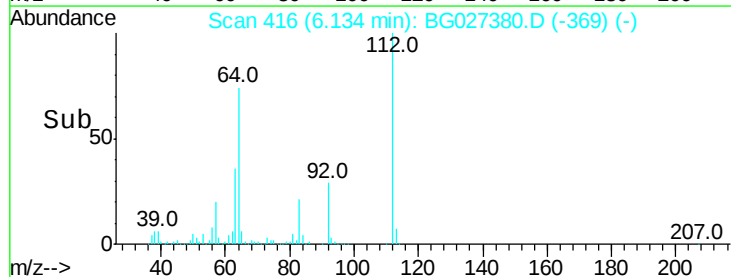
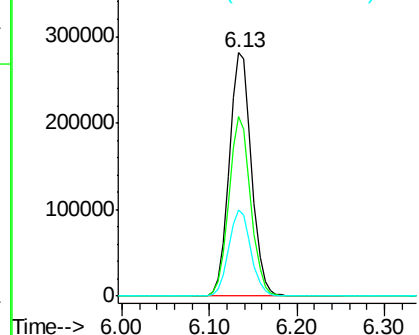
#5

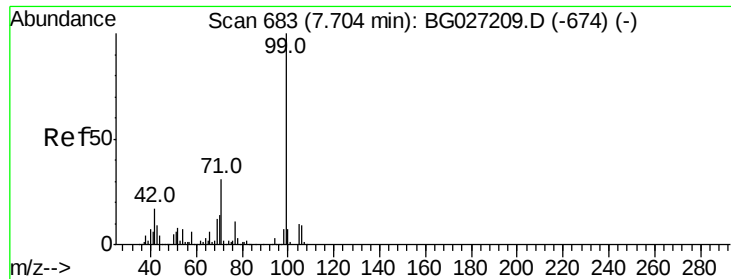
2-Fluorophenol
Concen: 154.19 ng
RT: 6.13 min Scan# 416
Delta R.T. -0.02 min
Lab File: BG027380.D
Acq: 12 Jun 2017 18:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.9	61.8	92.6
63	35.6	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: 130.80 ng

RT: 7.68 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG027380.D

Acq: 12 Jun 2017 18:10

Instrument :

BNA_G

ClientSampled :

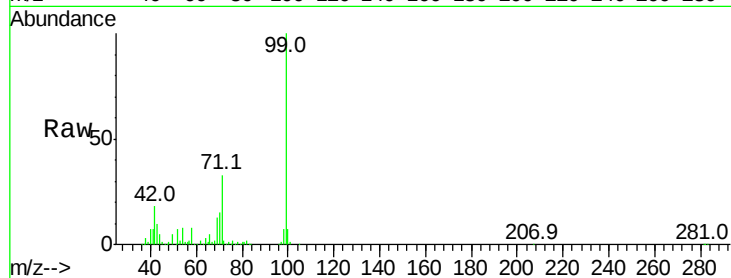
Tot Ion: 99 Resp: 609945

Ion Ratio Lower Upper

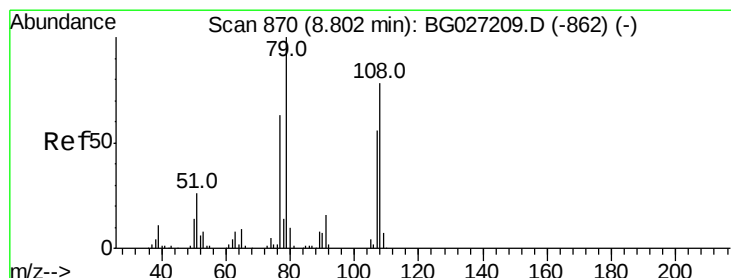
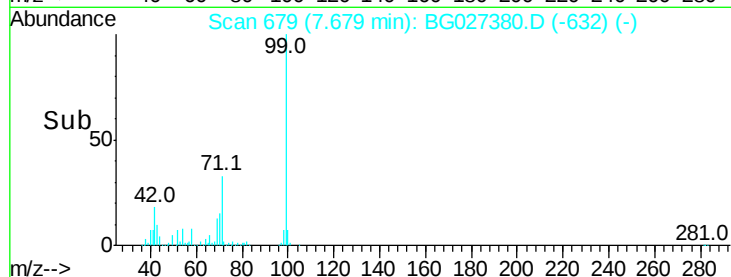
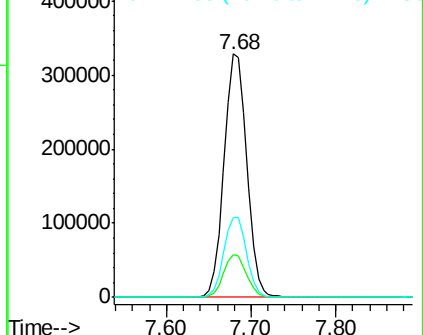
99 100

42 17.7 20.5 30.7#

71 32.7 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: 2.25 ng

RT: 8.87 min Scan# 882

Delta R.T. 0.07 min

Lab File: BG027380.D

Acq: 12 Jun 2017 18:10

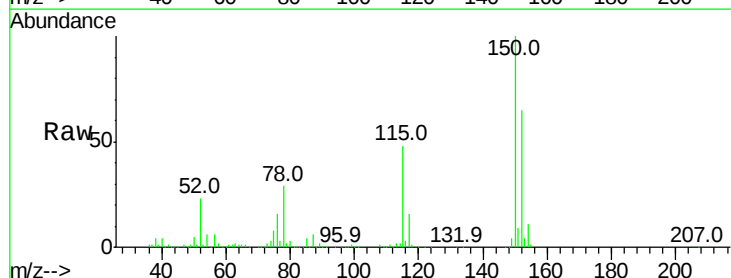
Tgt Ion: 79 Resp: 7376

Ion Ratio Lower Upper

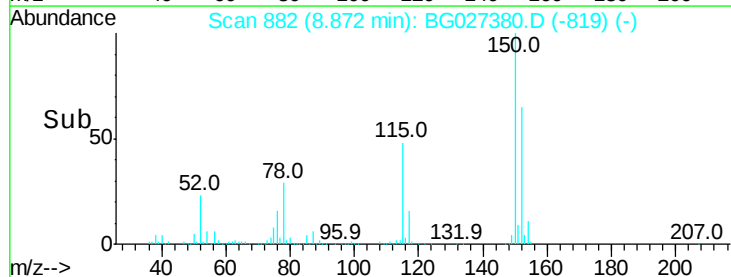
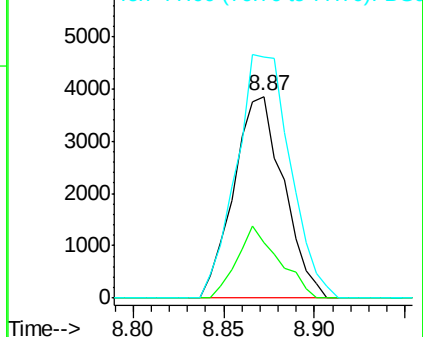
79 100

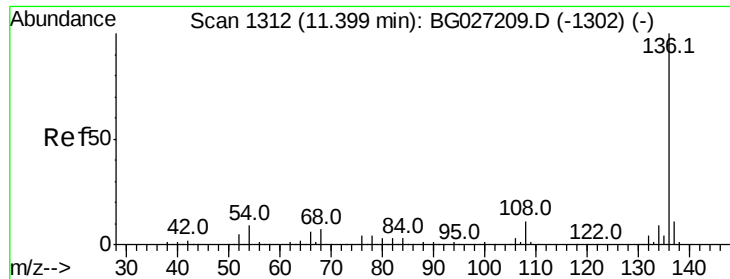
108 27.7 45.5 68.3#

77 119.7 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

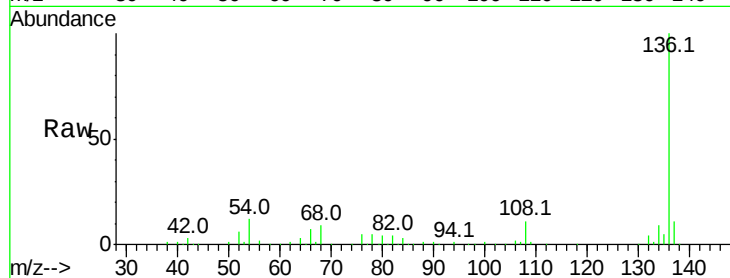




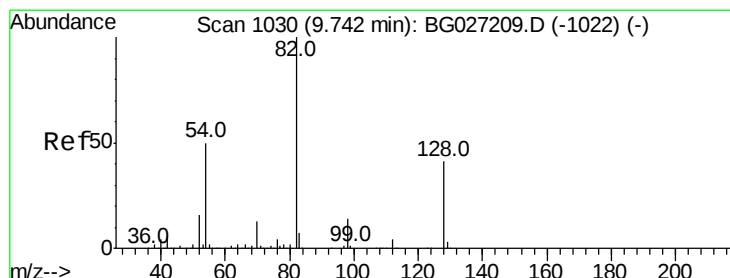
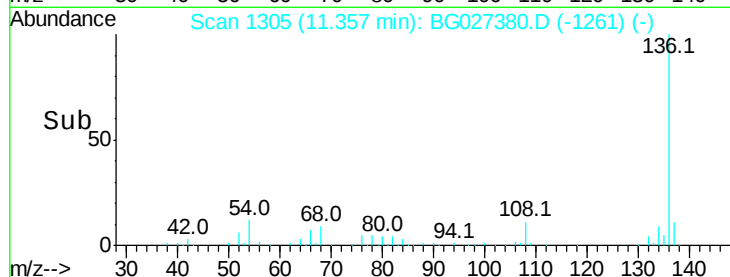
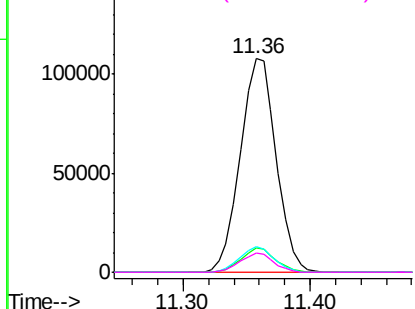
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.36 min Scan# 1305
Delta R.T. -0.04 min
Lab File: BG027380.D
Acq: 12 Jun 2017 18:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	210819
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	11.9	9.3	13.9
68	9.1	5.1	7.7#

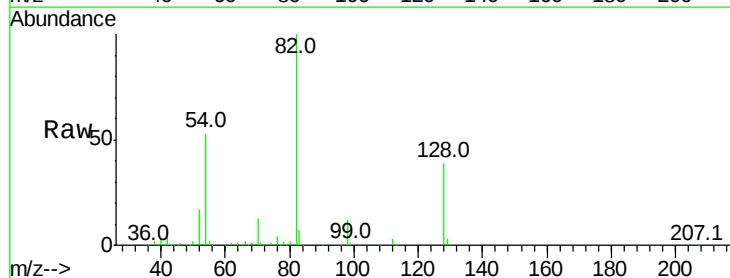


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

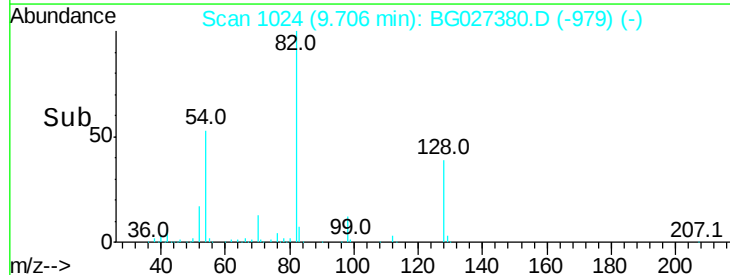
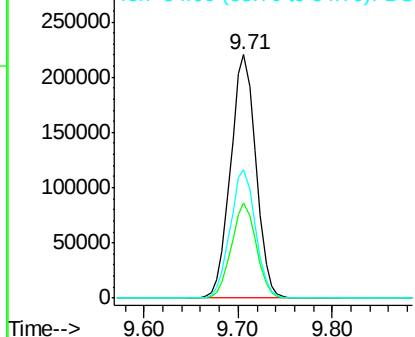


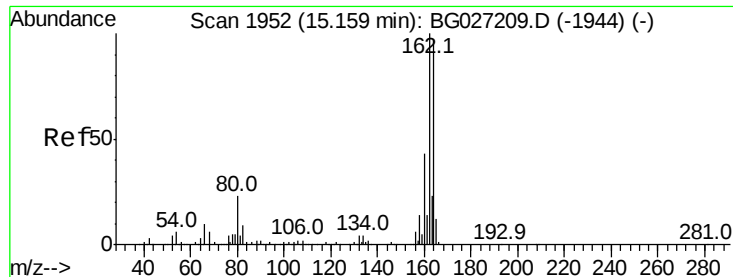
#23
Nitrobenzene-d5
Concen: 122.90 ng
RT: 9.71 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BG027380.D
Acq: 12 Jun 2017 18:10

Tgt Ion:	82	Resp:	411996
Ion	Ratio	Lower	Upper
82	100		
128	38.9	26.4	39.6
54	52.5	49.4	74.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.12 min Scan# 1945

Delta R.T. -0.04 min

Lab File: BG027380.D

Acq: 12 Jun 2017 18:10

Instrument :

BNA_G

ClientSampleId :

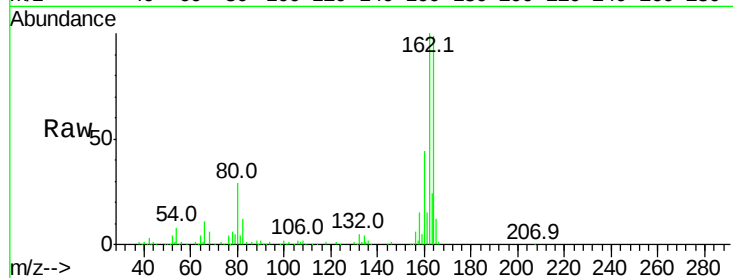
Tot Ion:164 Resp: 121781

Ion Ratio Lower Upper

164 100

162 100.8 85.1 127.7

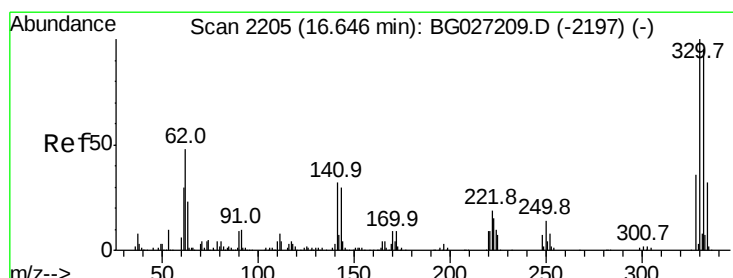
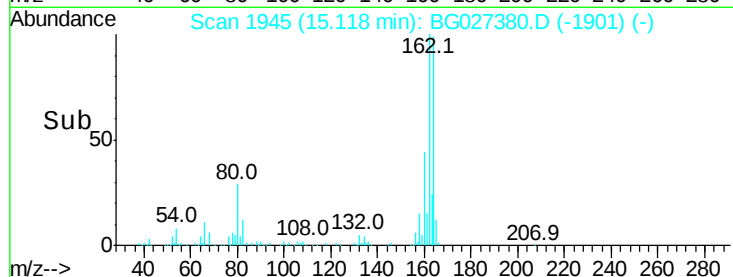
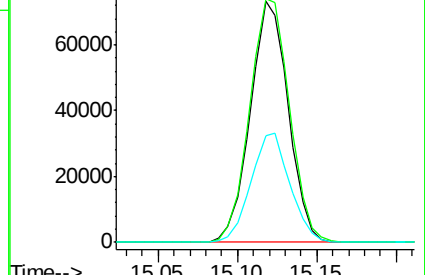
160 44.2 34.7 52.1



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: 188.69 ng

RT: 16.60 min Scan# 2198

Delta R.T. -0.04 min

Lab File: BG027380.D

Acq: 12 Jun 2017 18:10

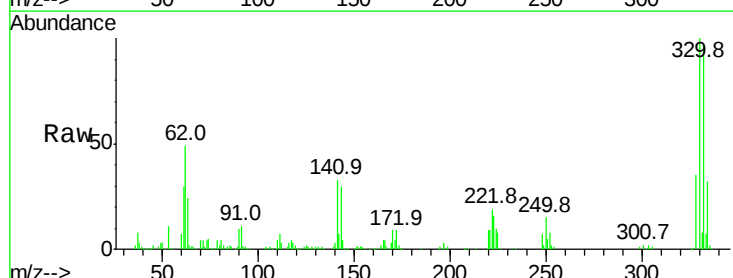
Tgt Ion:330 Resp: 302591

Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

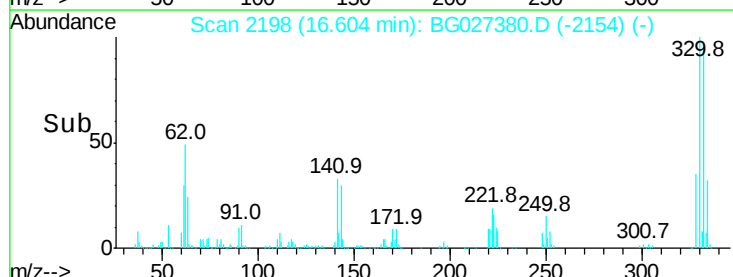
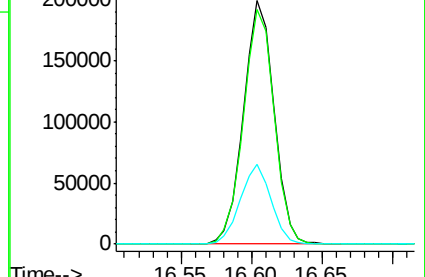
141 33.0 32.1 48.1



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

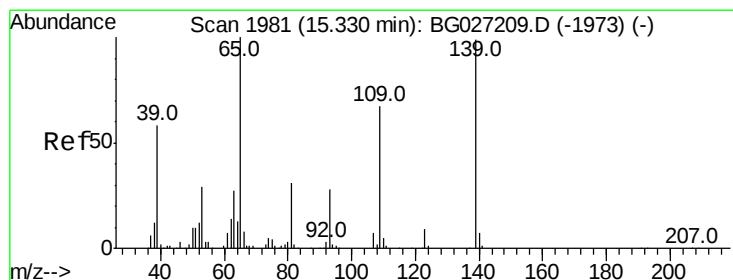
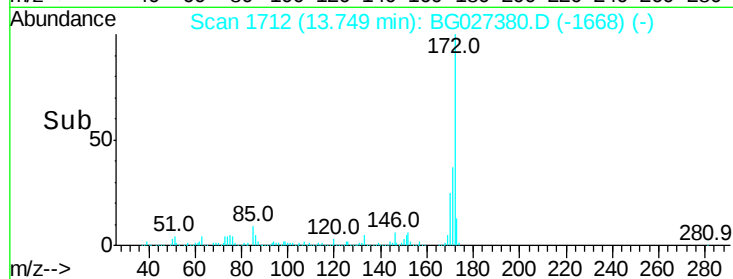
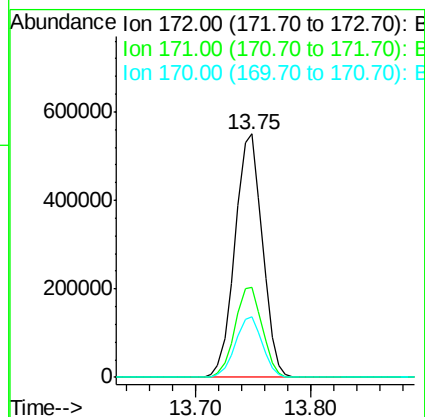
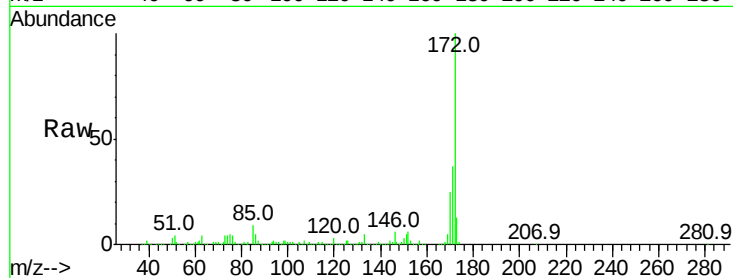




#44
2-Fluorobiphenyl
Concen: 103.51 ng
RT: 13.75 min Scan# 1712
Delta R.T. -0.04 min
Lab File: BG027380.D
Acq: 12 Jun 2017 18:10

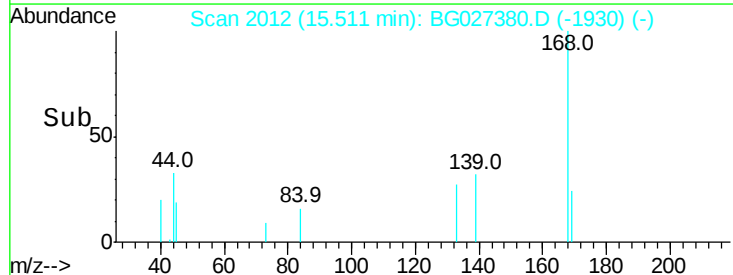
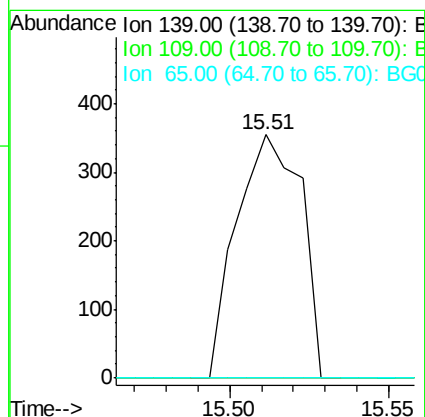
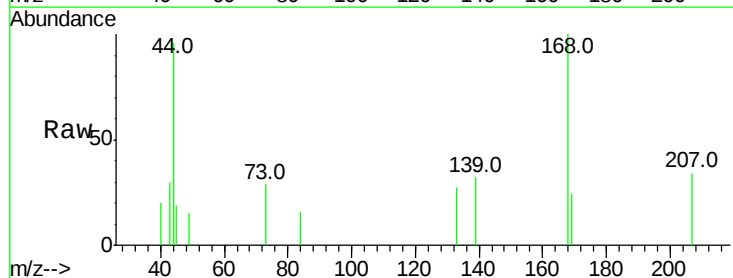
Instrument :
BNA_G
ClientSampleId :

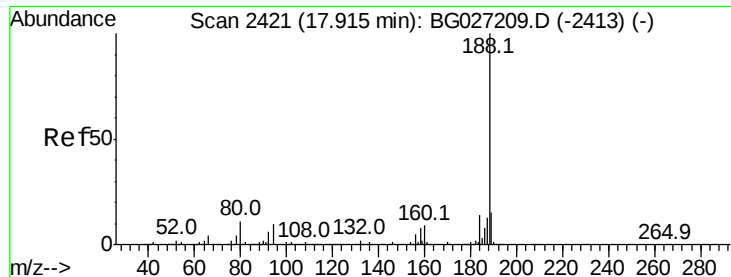
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	32.2	48.2
170	24.8	21.8	32.6



#55
4-Nitrophenol
Concen: 6.38 ng
RT: 15.51 min Scan# 2012
Delta R.T. 0.18 min
Lab File: BG027380.D
Acq: 12 Jun 2017 18:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	101.2	141.2#
65	0.0	135.3	175.3#

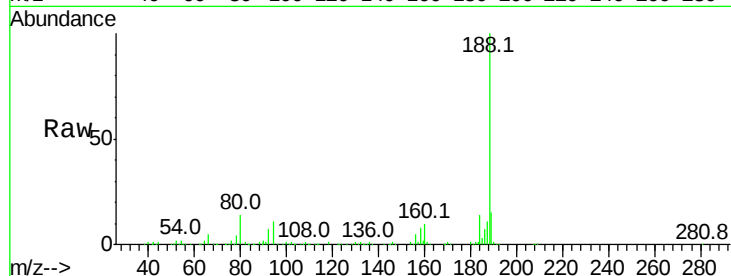




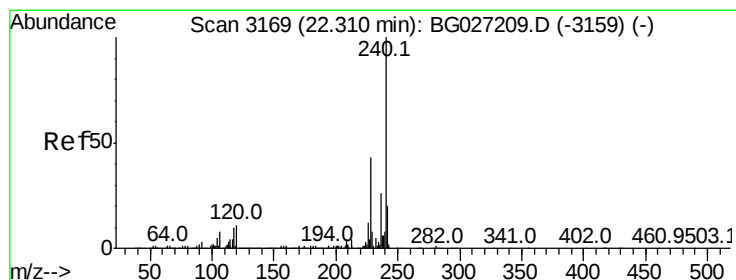
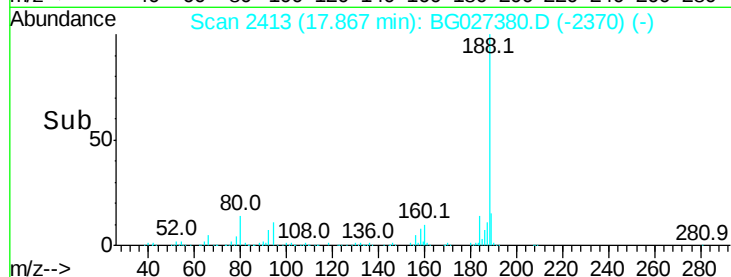
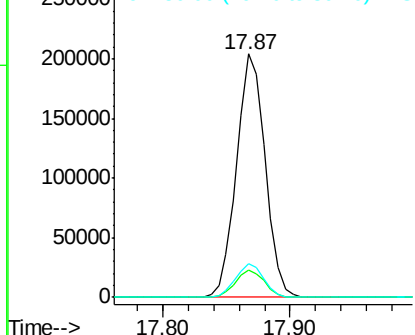
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.87 min Scan# 2413
Delta R.T. -0.05 min
Lab File: BG027380.D
Acq: 12 Jun 2017 18:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 318998
Ion Ratio Lower Upper
188 100
94 11.4 5.8 8.8#
80 13.8 7.5 11.3#

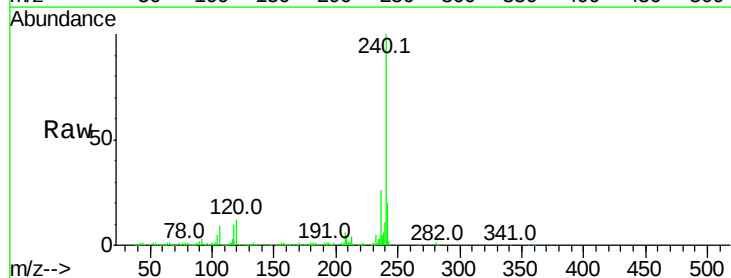


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

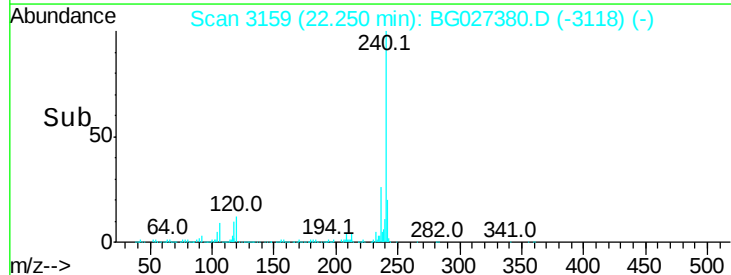
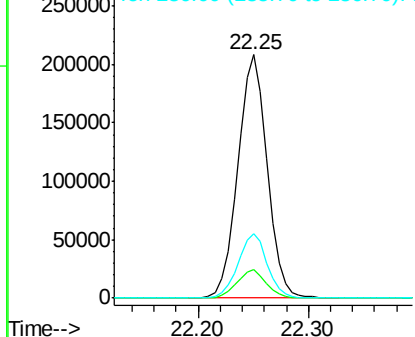


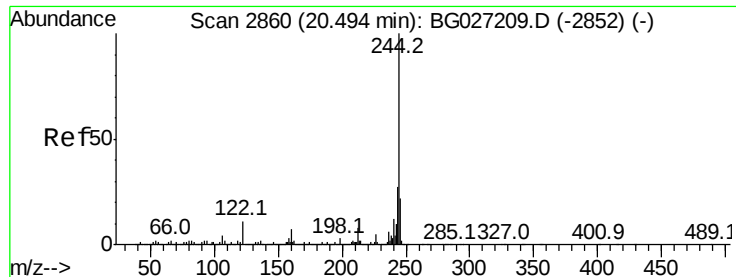
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.25 min Scan# 3159
Delta R.T. -0.06 min
Lab File: BG027380.D
Acq: 12 Jun 2017 18:10

Tgt Ion:240 Resp: 388590
Ion Ratio Lower Upper
240 100
120 11.5 5.7 8.5#
236 26.5 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: 113.09 ng

RT: 20.45 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027380.D

Acq: 12 Jun 2017 18:10

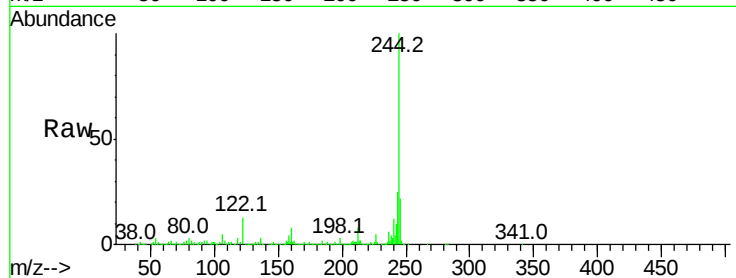
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1722736

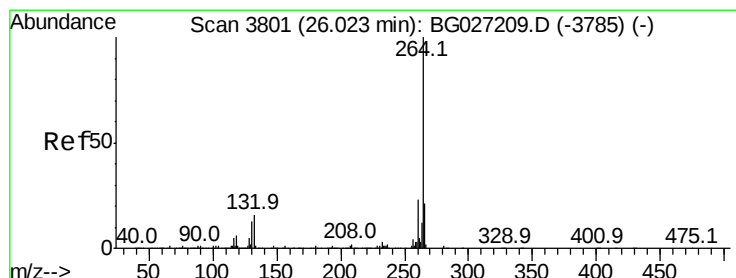
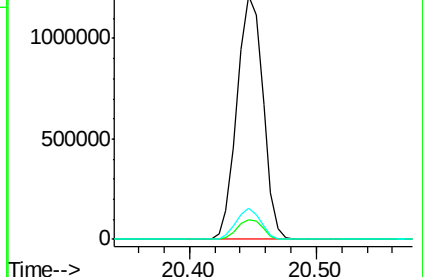
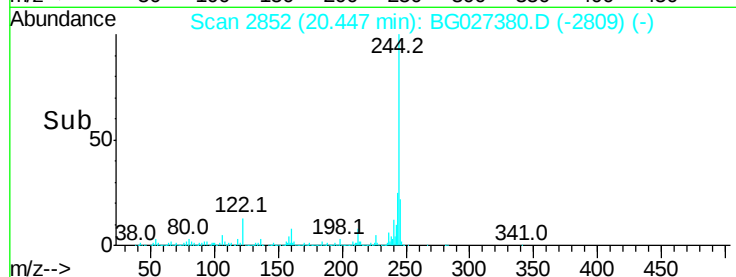
Ion	Ratio	Lower	Upper
244	100		
212	8.3	10.0	15.0#
122	12.6	8.6	12.8



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

Perylene-d12

Concen: 20.00 ng

RT: 25.92 min Scan# 3784

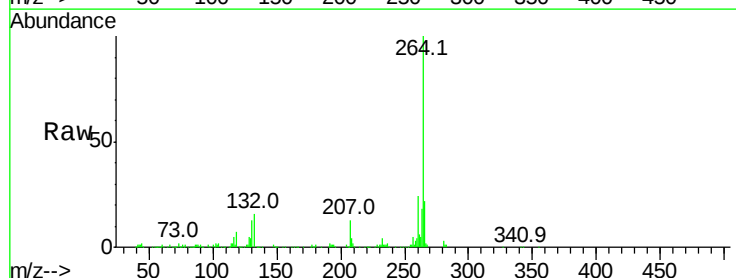
Delta R.T. -0.10 min

Lab File: BG027380.D

Acq: 12 Jun 2017 18:10

Tgt Ion:264 Resp: 318854

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	21.7	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

