

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062117\
 Data File : BG027592.D
 Acq On : 22 Jun 2017 12:19
 Operator : SJ/JU
 Sample : I3799-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 14:22:36 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

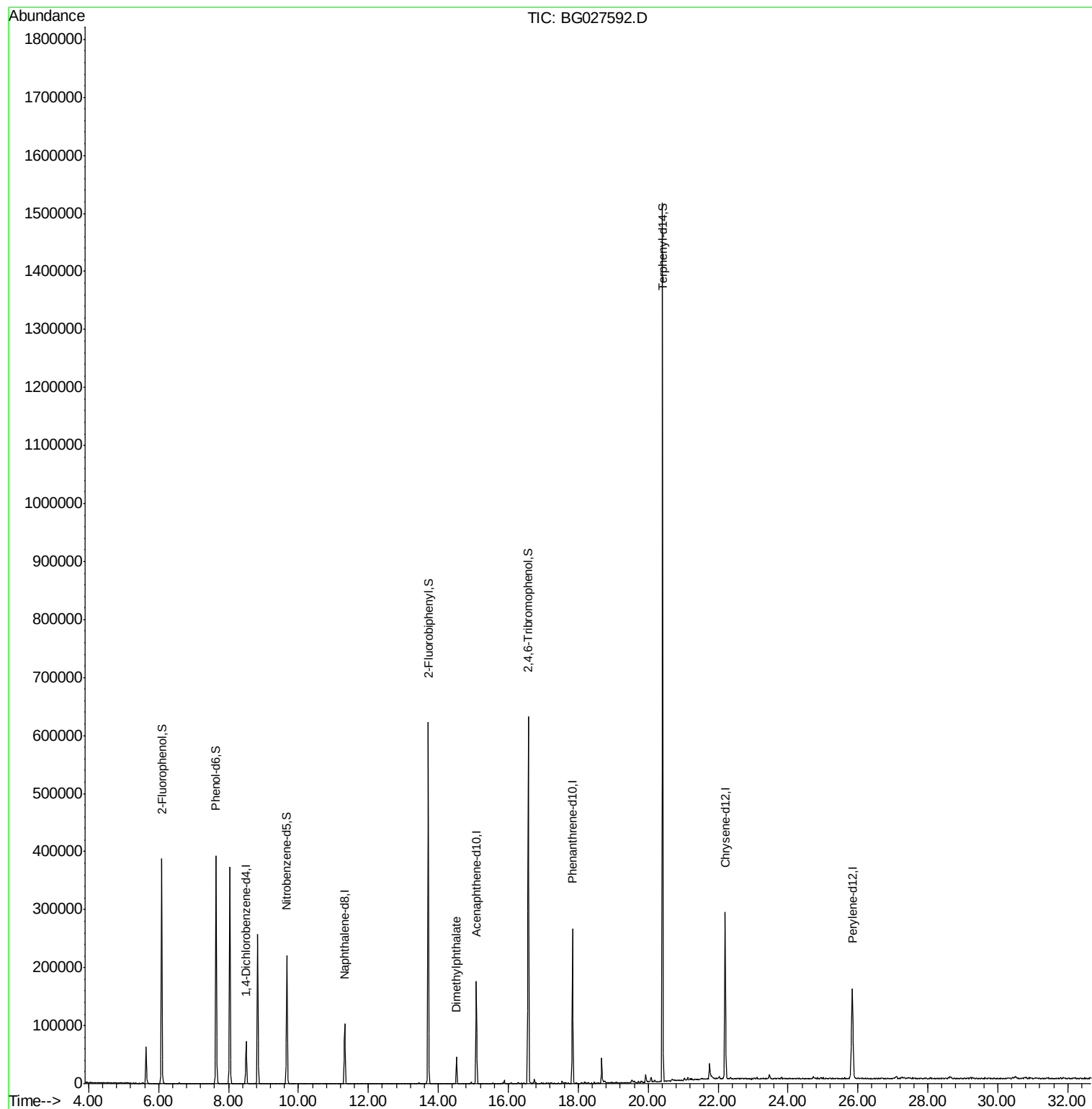
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	19410	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	91104	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	58644	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	168889	20.00	ng	0.00
75) Chrysene-d12	22.20	240	187590	20.00	ng	-0.01
86) Perylene-d12	25.84	264	183739	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	158042	115.88	ng	0.00
7) Phenol-d6	7.64	99	221145	109.53	ng	0.00
23) Nitrobenzene-d5	9.67	82	138341	71.85	ng	0.00
41) 2,4,6-Tribromophenol	16.58	330	111648	127.70	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	306808	71.46	ng	0.00
78) Terphenyl-d14	20.41	244	638598	80.21	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.52	163	28583	5.57	ng	Qvalue 96

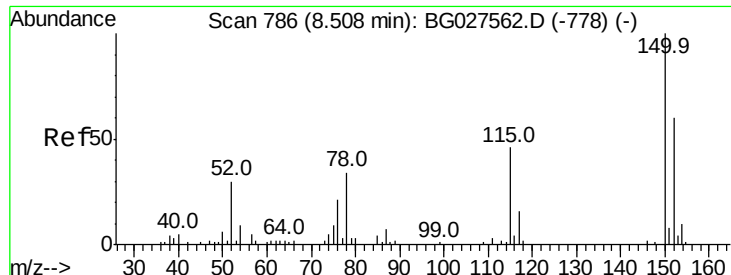
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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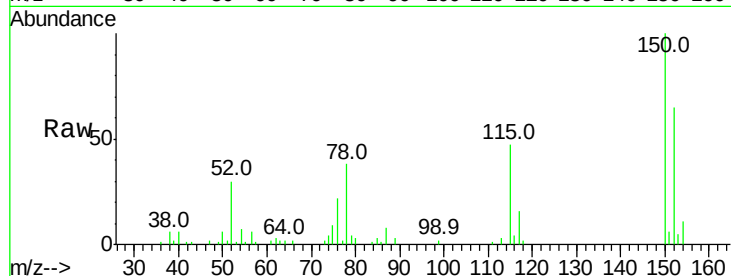


#1

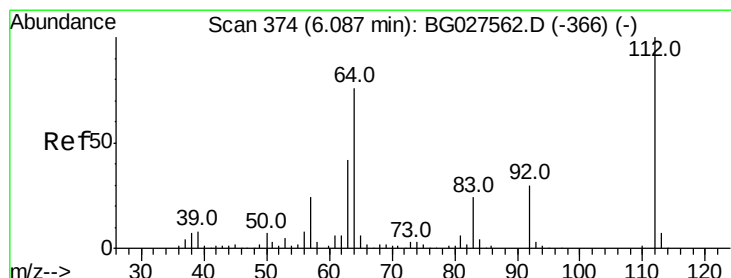
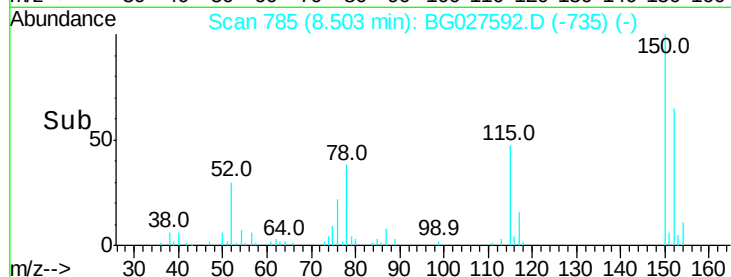
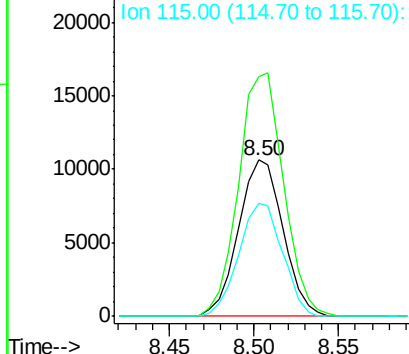
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.50 min Scan# 785
Delta R.T. -0.01 min
Lab File: BG027592.D
Acq: 22 Jun 2017 12:19

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 19410
Ion Ratio Lower Upper
152 100
150 153.9 114.0 171.0
115 72.6 48.1 72.1#



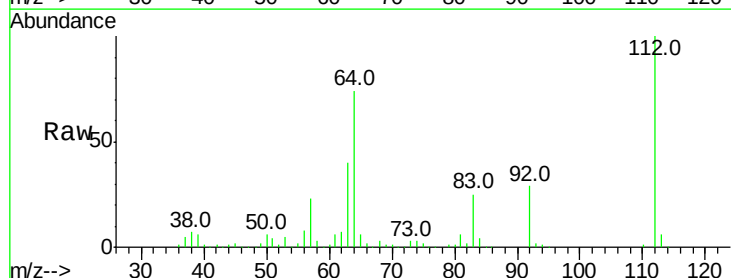
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



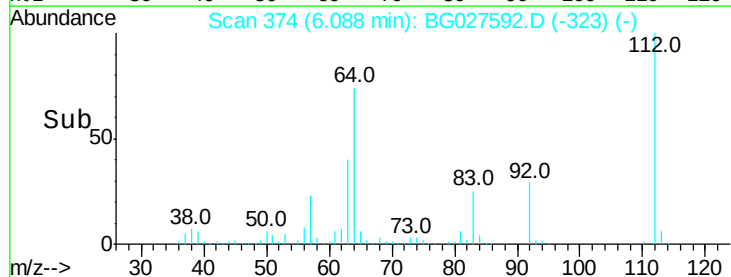
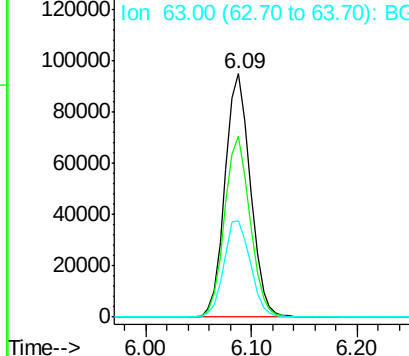
#5

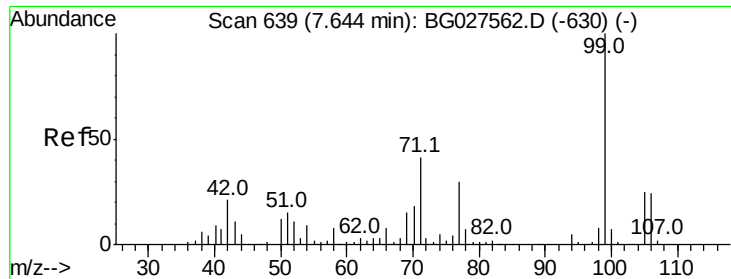
2-Fluorophenol
Concen: 115.88 ng
RT: 6.09 min Scan# 374
Delta R.T. 0.00 min
Lab File: BG027592.D
Acq: 22 Jun 2017 12:19

Tgt Ion:112 Resp: 158042
Ion Ratio Lower Upper
112 100
64 74.4 61.8 92.6
63 39.5 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 109.53 ng

RT: 7.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BG027592.D

Acq: 22 Jun 2017 12:19

Instrument :

BNA_G

ClientSampleId :

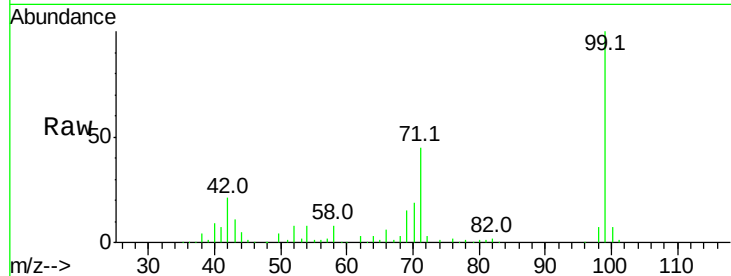
Tot Ion: 99 Resp: 221145

Ion Ratio Lower Upper

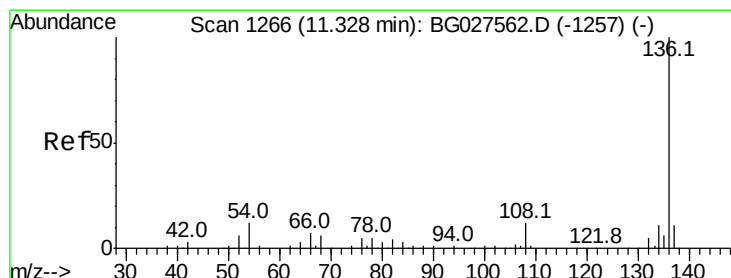
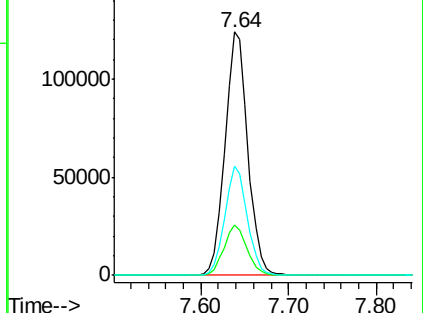
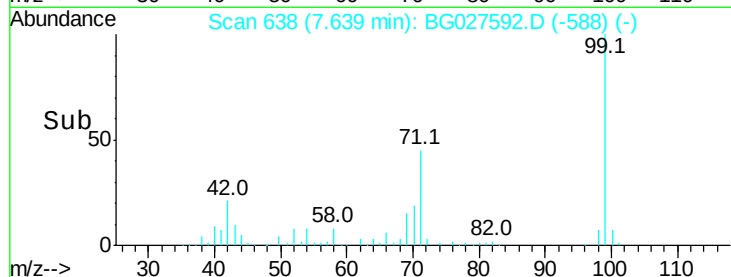
99 100

42 20.8 20.5 30.7

71 44.7 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.32 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BG027592.D

Acq: 22 Jun 2017 12:19

Tgt Ion: 136 Resp: 91104

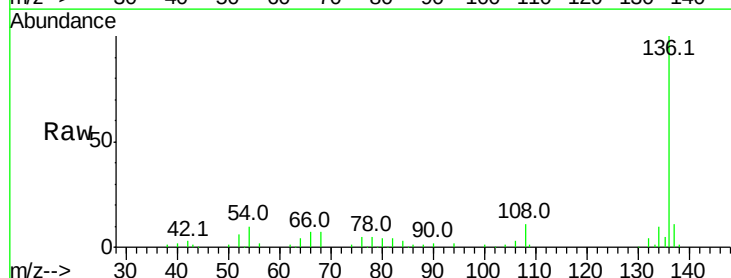
Ion Ratio Lower Upper

136 100

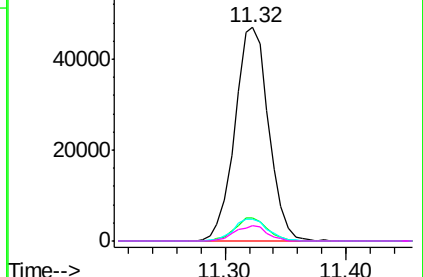
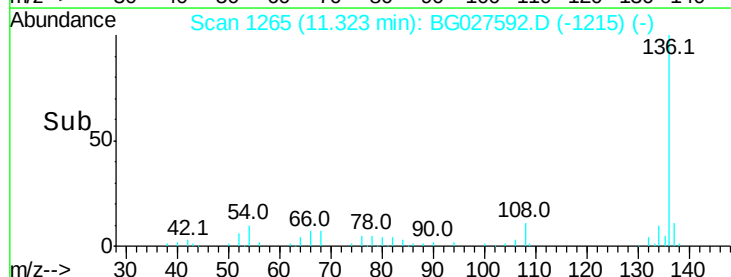
137 10.7 8.9 13.3

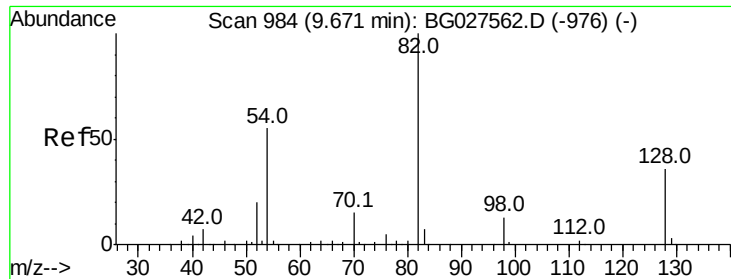
54 10.1 9.3 13.9

68 6.9 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

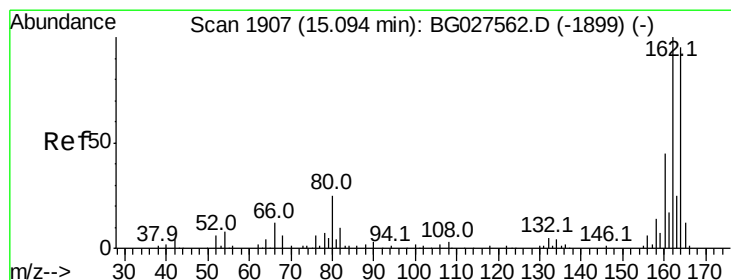
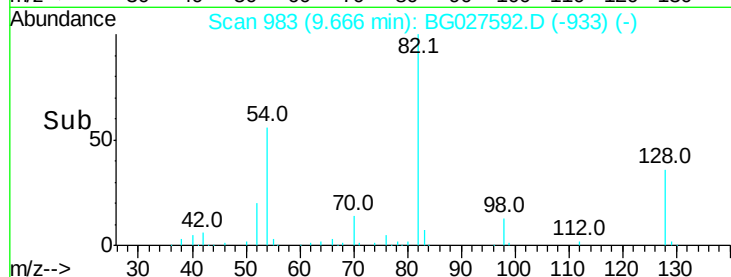
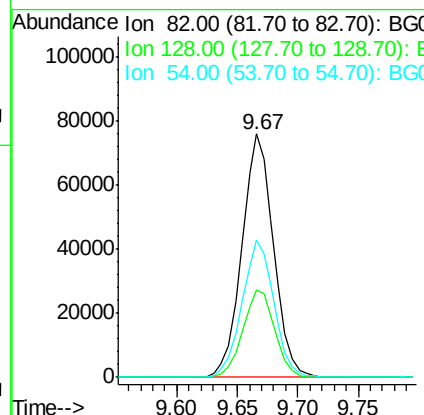
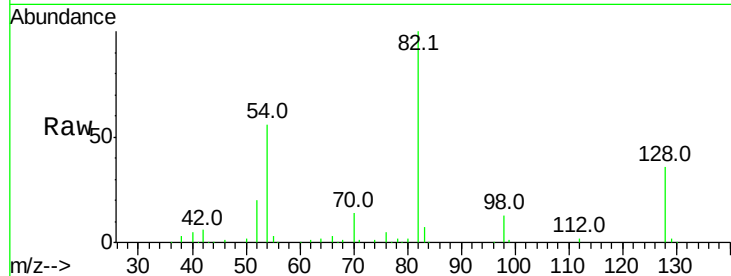




#23
 Nitrobenzene-d5
 Concen: 71.85 ng
 RT: 9.67 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BG027592.D
 Acq: 22 Jun 2017 12:19

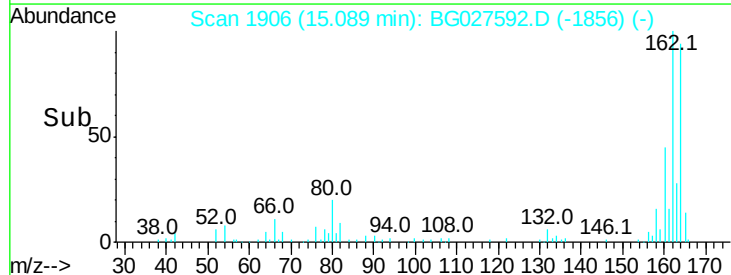
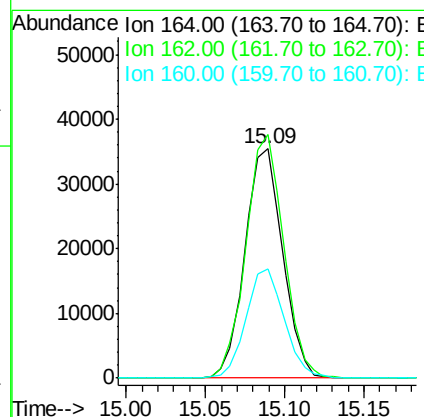
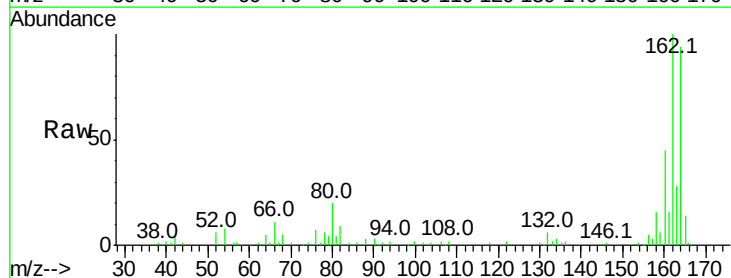
Instrument :
 BNA_G
 ClientSampled :

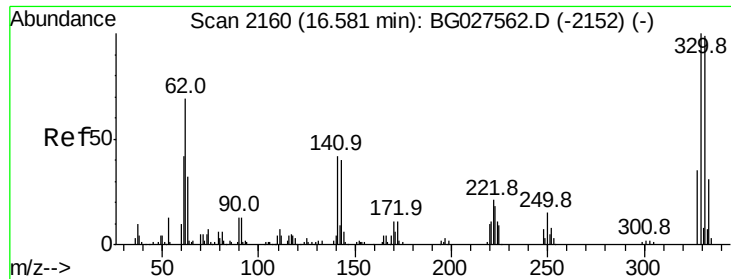
Tot Ion	82	Resp	138341
Ion	Ratio	Lower	Upper
82	100		
128	36.2	26.4	39.6
54	56.2	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BG027592.D
 Acq: 22 Jun 2017 12:19

Tgt Ion	164	Resp	58644
Ion	Ratio	Lower	Upper
164	100		
162	106.2	85.1	127.7
160	47.4	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 127.70 ng

RT: 16.58 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG027592.D

Acq: 22 Jun 2017 12:19

Instrument :

BNA_G

ClientSampleId :

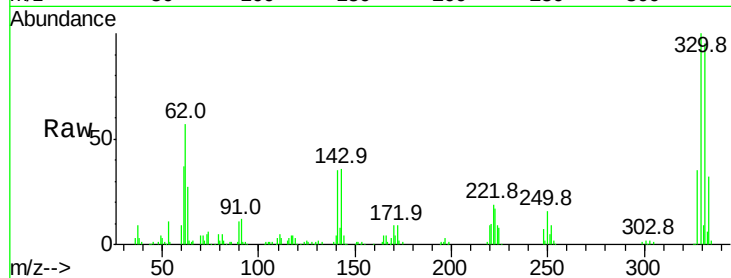
Tot Ion:330 Resp: 111648

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

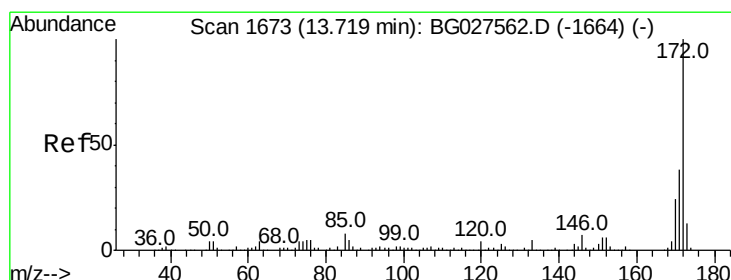
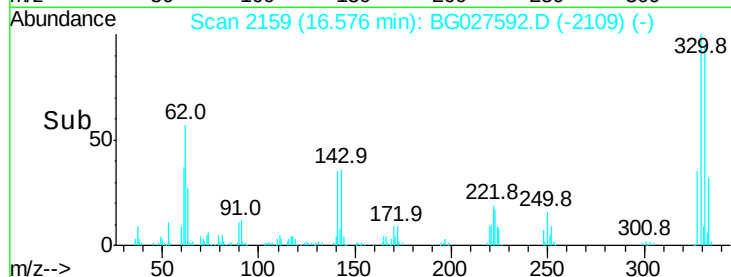
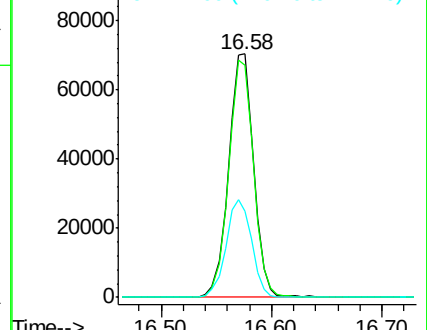
141 40.6 32.1 48.1



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: 71.46 ng

RT: 13.71 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG027592.D

Acq: 22 Jun 2017 12:19

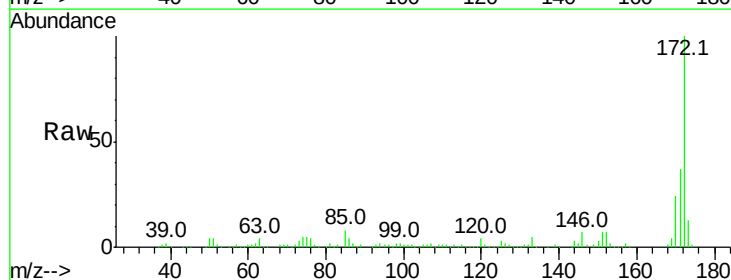
Tgt Ion:172 Resp: 306808

Ion Ratio Lower Upper

172 100

171 37.0 32.2 48.2

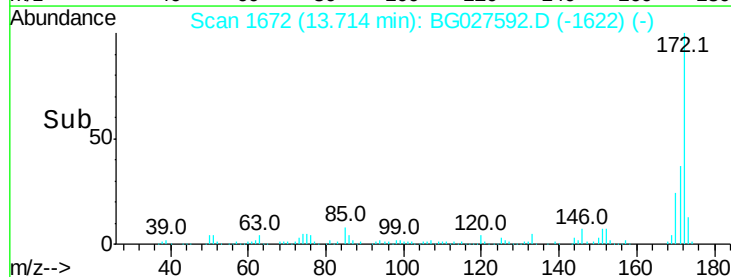
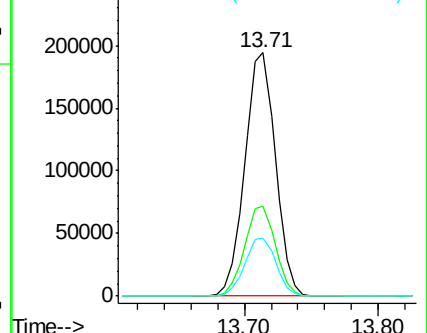
170 23.8 21.8 32.6

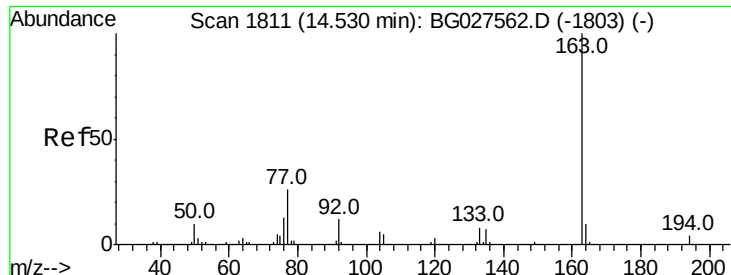


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.57 ng

RT: 14.52 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BG027592.D

Acq: 22 Jun 2017 12:19

Instrument :

BNA_G

ClientSampled :

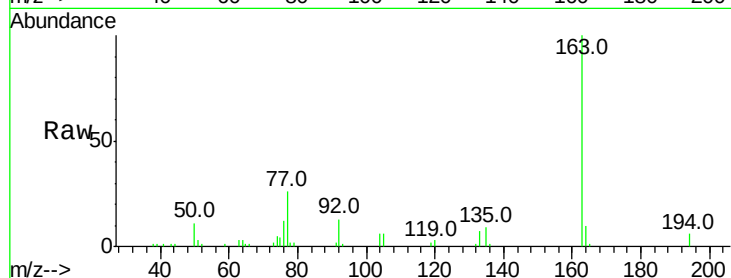
Tot Ion:163 Resp: 28583

Ion Ratio Lower Upper

163 100

194 5.5 3.8 5.6

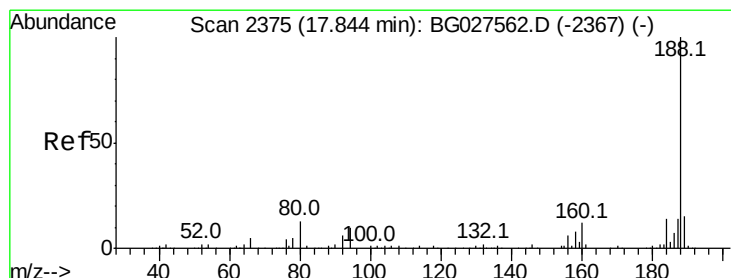
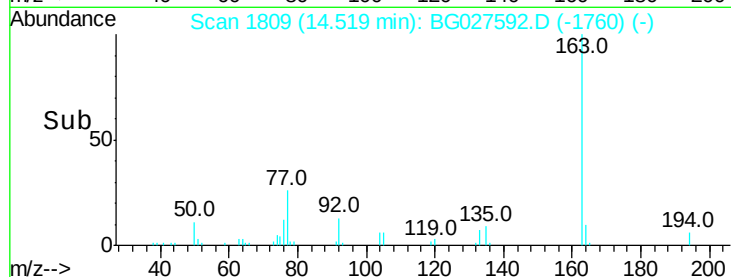
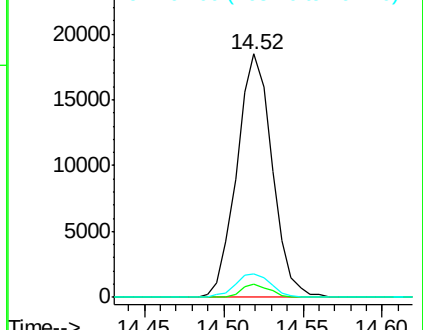
164 9.8 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.84 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG027592.D

Acq: 22 Jun 2017 12:19

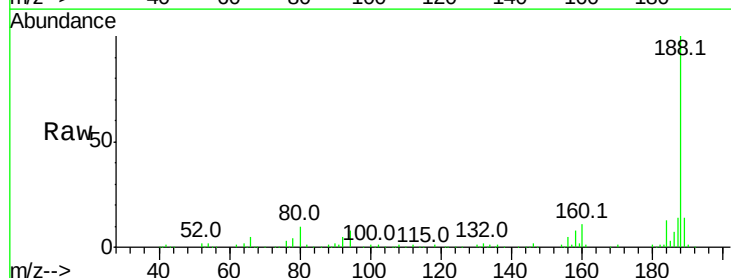
Tgt Ion:188 Resp: 168889

Ion Ratio Lower Upper

188 100

94 8.4 5.8 8.8

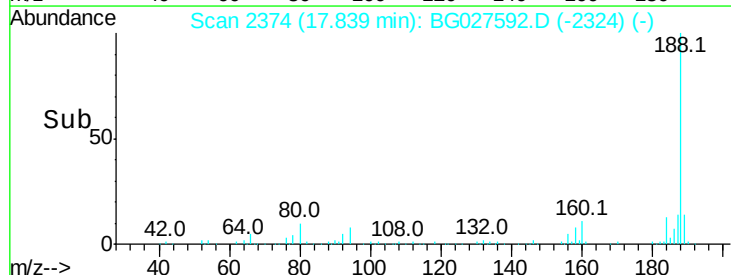
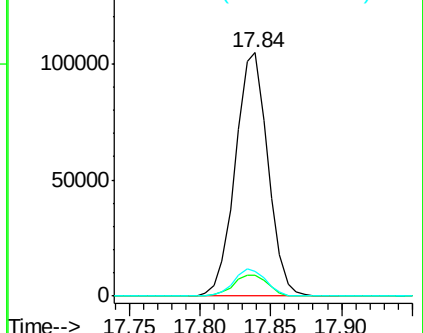
80 10.1 7.5 11.3

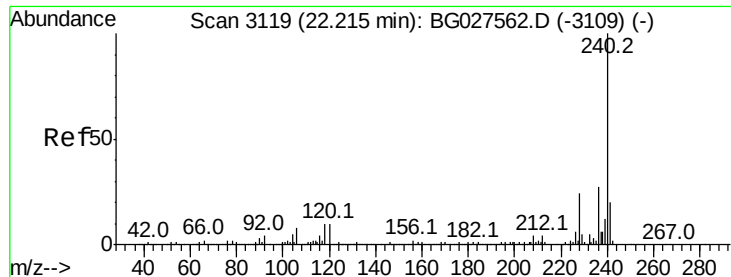


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.20 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG027592.D

Acq: 22 Jun 2017 12:19

Instrument :

BNA_G

ClientSampled :

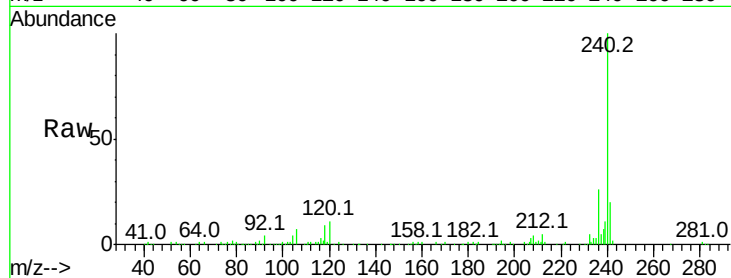
Tot Ion:240 Resp: 187590

Ion Ratio Lower Upper

240 100

120 10.6 5.7 8.5#

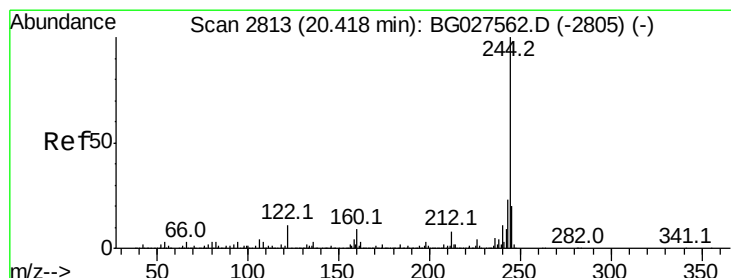
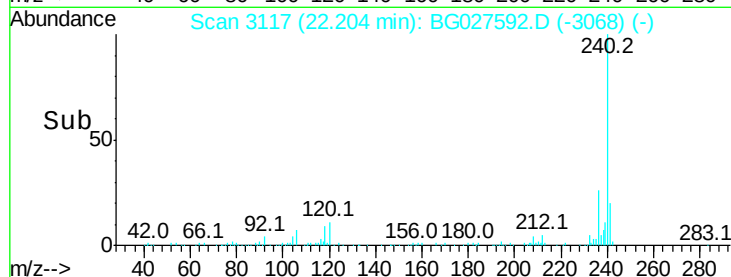
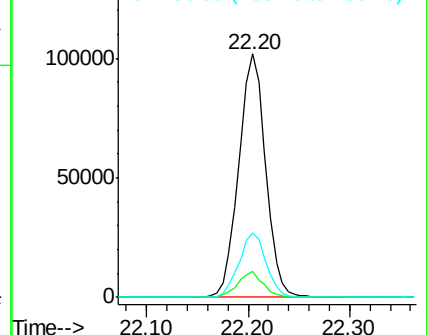
236 26.4 22.2 33.4



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: 80.21 ng

RT: 20.41 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG027592.D

Acq: 22 Jun 2017 12:19

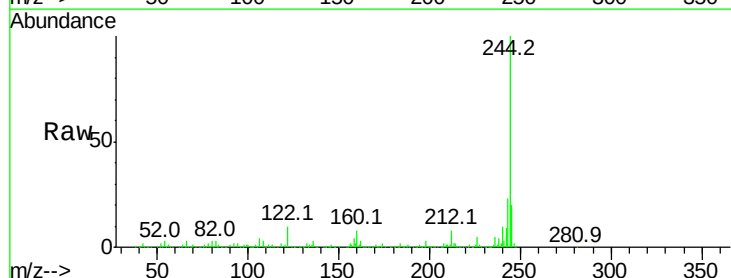
Tgt Ion:244 Resp: 638598

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

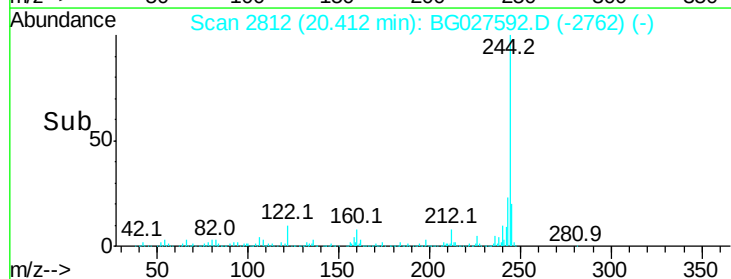
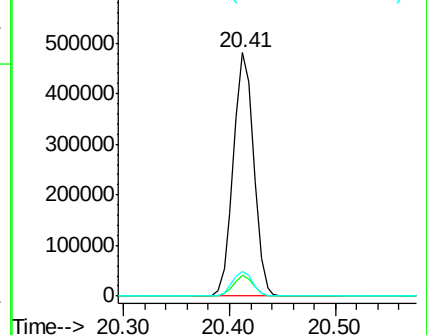
122 10.3 8.6 12.8

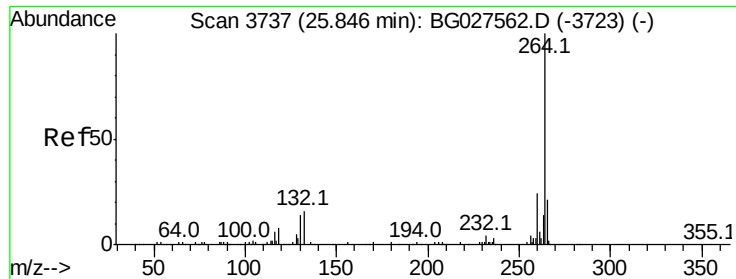


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3735
Delta R.T. -0.01 min
Lab File: BG027592.D
Acq: 22 Jun 2017 12:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	21.8	32.8
265	20.3	18.2	27.4

