

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062217\
 Data File : BG027610.D
 Acq On : 23 Jun 2017 00:11
 Operator : SJ/JU
 Sample : I3657-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 23 02:12:25 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

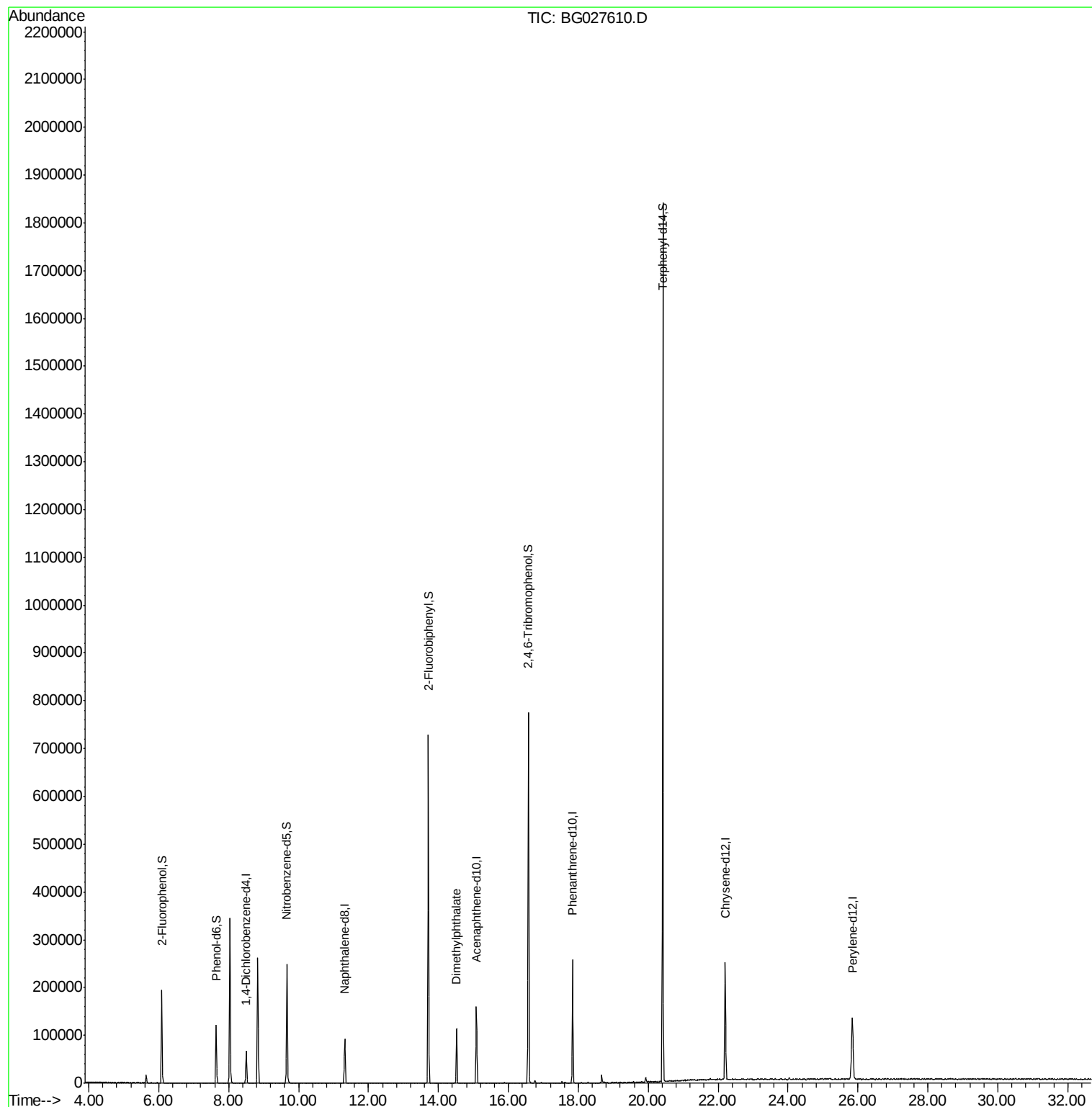
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	17180	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	81696	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	52991	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	152194	20.00	ng	0.00
75) Chrysene-d12	22.20	240	167103	20.00	ng	-0.01
86) Perylene-d12	25.84	264	162545	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	80351	66.56	ng	0.00
7) Phenol-d6	7.64	99	68976	38.60	ng	0.00
23) Nitrobenzene-d5	9.67	82	159711	92.51	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	139439	176.50	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	351634	90.64	ng	0.00
78) Terphenyl-d14	20.41	244	768298	108.33	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.52	163	70689	15.24	ng	96

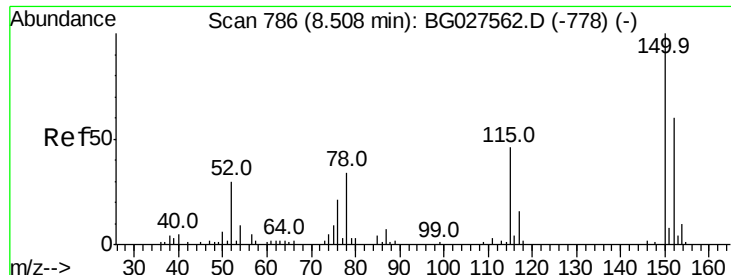
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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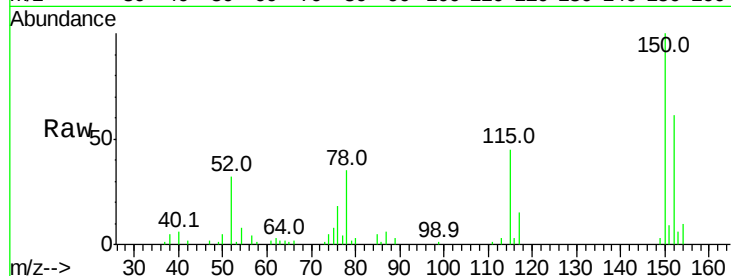


#1

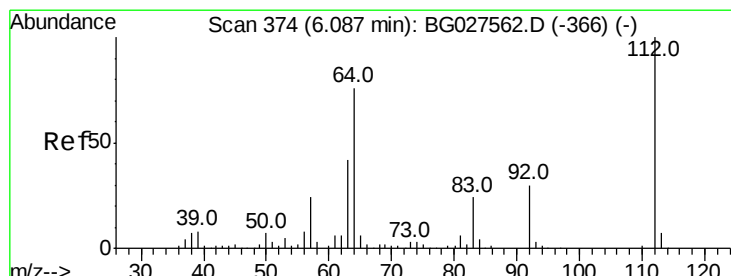
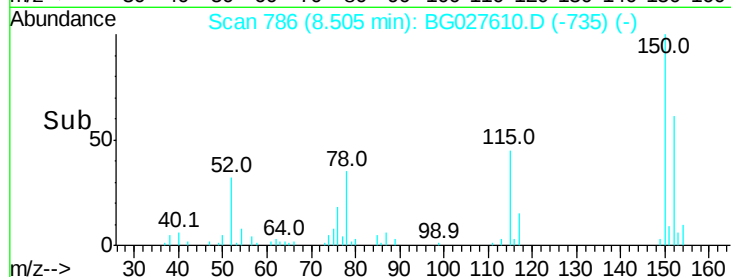
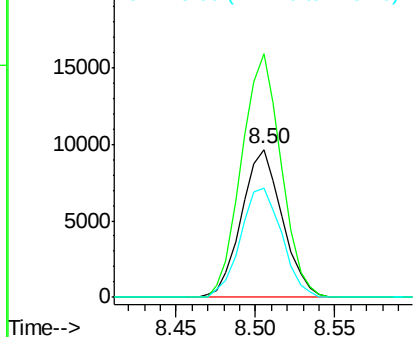
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.50 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027610.D
Acq: 23 Jun 2017 00:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 17180
Ion Ratio Lower Upper
152 100
150 165.0 114.0 171.0
115 74.1 48.1 72.1#



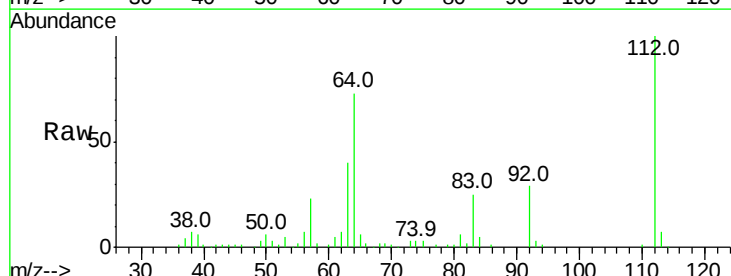
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



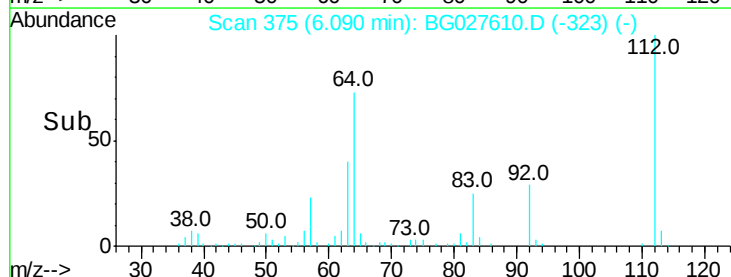
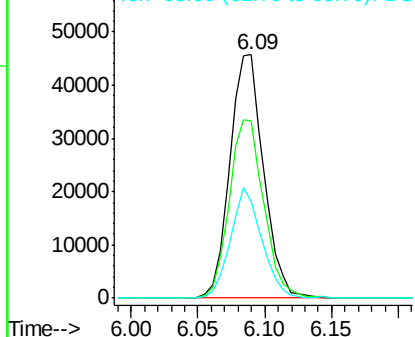
#5

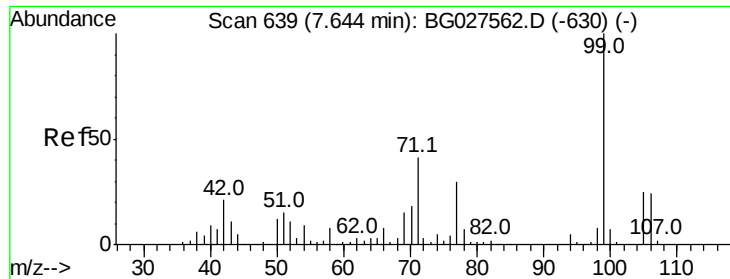
2-Fluorophenol
Concen: 66.56 ng
RT: 6.09 min Scan# 375
Delta R.T. 0.00 min
Lab File: BG027610.D
Acq: 23 Jun 2017 00:11

Tgt Ion:112 Resp: 80351
Ion Ratio Lower Upper
112 100
64 72.9 61.8 92.6
63 39.8 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: 38.60 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027610.D

Acq: 23 Jun 2017 00:11

Instrument :

BNA_G

ClientSampled :

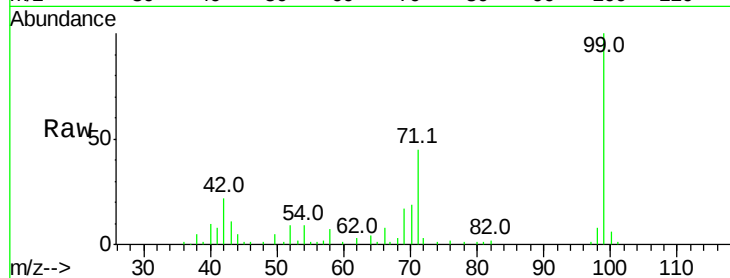
Tot Ion: 99 Resp: 68976

Ion Ratio Lower Upper

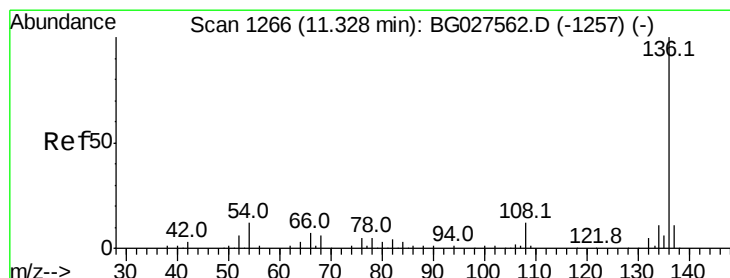
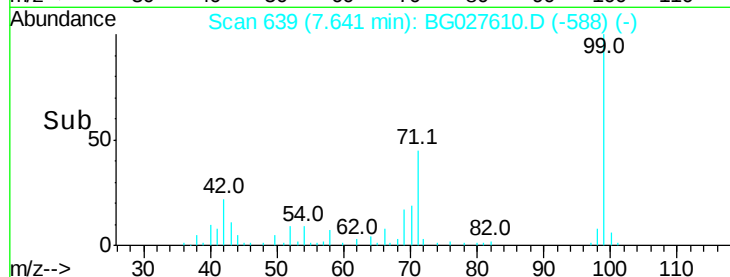
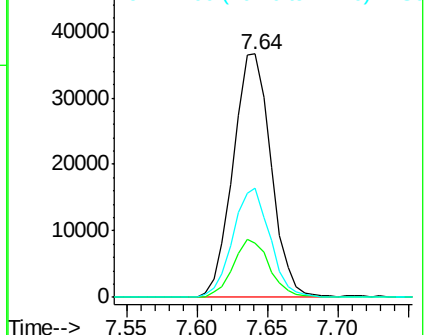
99 100

42 22.0 20.5 30.7

71 45.1 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: BG027610.D

Acq: 23 Jun 2017 00:11

Tgt Ion: 136 Resp: 81696

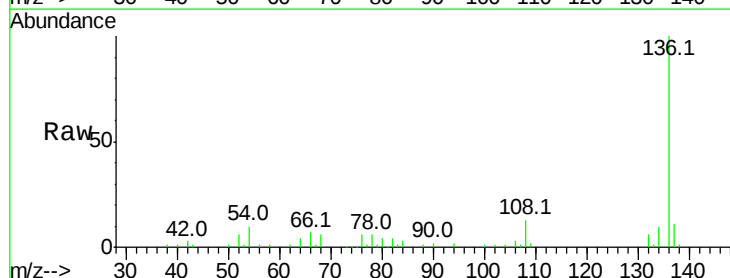
Ion Ratio Lower Upper

136 100

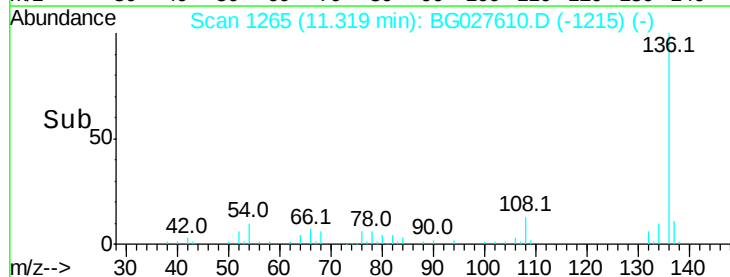
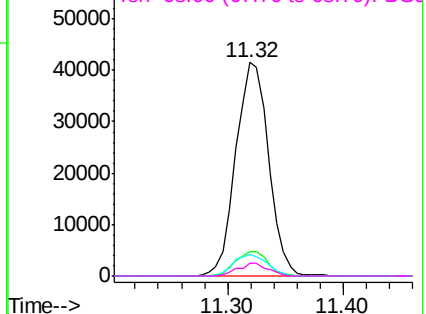
137 11.4 8.9 13.3

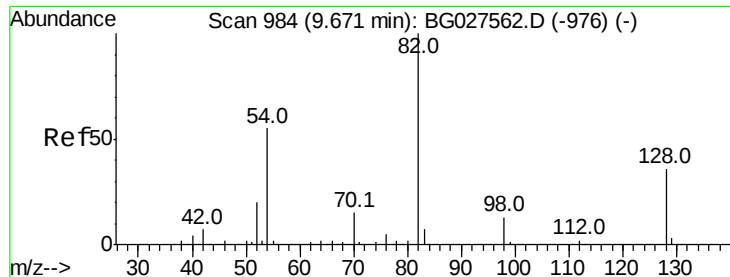
54 10.4 9.3 13.9

68 6.2 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

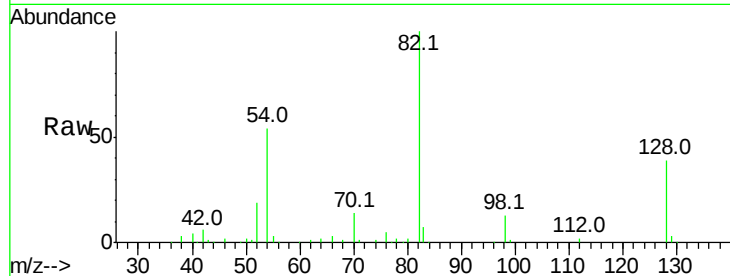




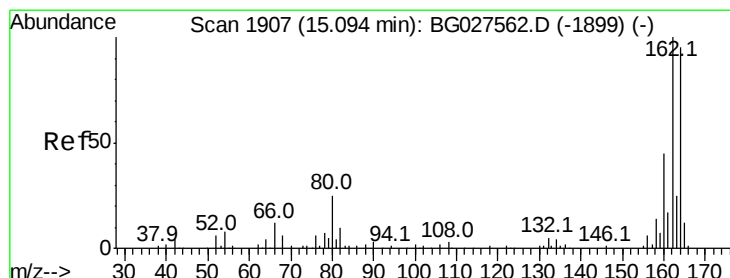
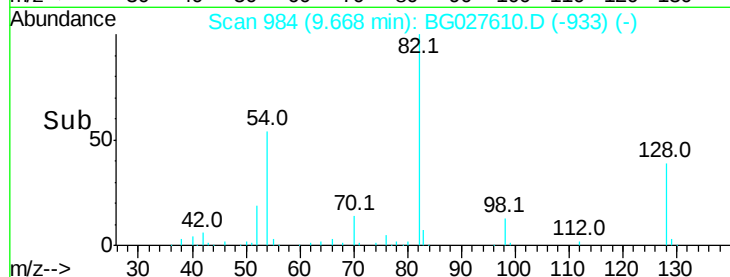
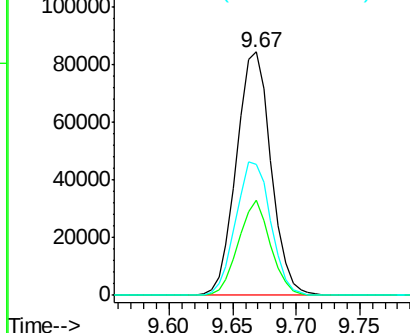
#23
Nitrobenzene-d5
Concen: 92.51 ng
RT: 9.67 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG027610.D
Acq: 23 Jun 2017 00:11

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 159711
Ion Ratio Lower Upper
82 100
128 38.9 26.4 39.6
54 53.8 49.4 74.2

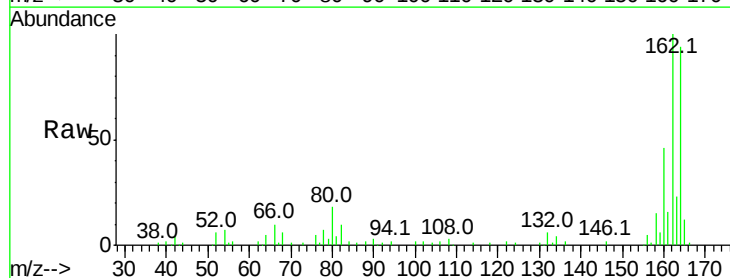


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

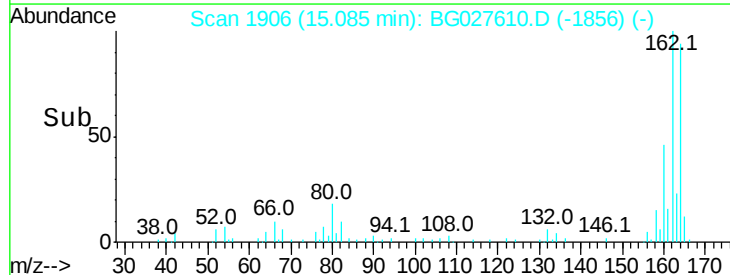
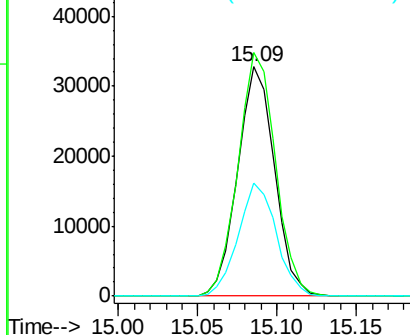


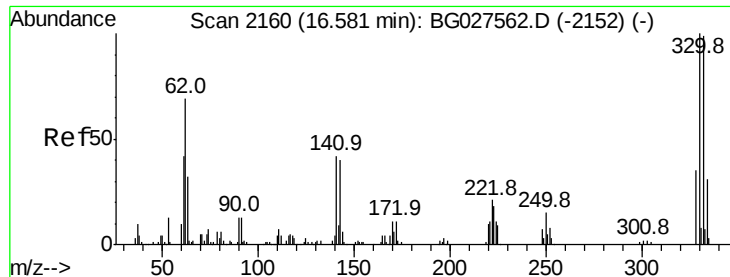
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG027610.D
Acq: 23 Jun 2017 00:11

Tgt Ion:164 Resp: 52991
Ion Ratio Lower Upper
164 100
162 106.1 85.1 127.7
160 49.3 34.7 52.1



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: 176.50 ng

RT: 16.57 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG027610.D

Acq: 23 Jun 2017 00:11

Instrument :

BNA_G

ClientSampleId :

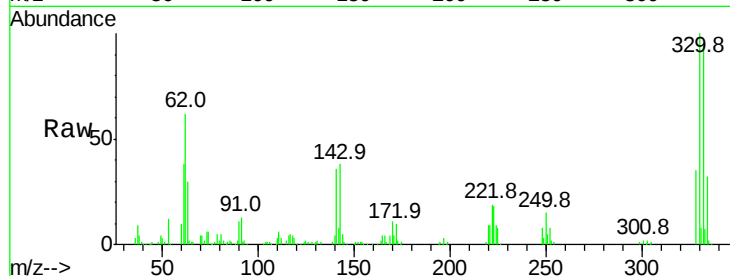
Tot Ion:330 Resp: 139439

Ion Ratio Lower Upper

330 100

332 95.1 77.3 115.9

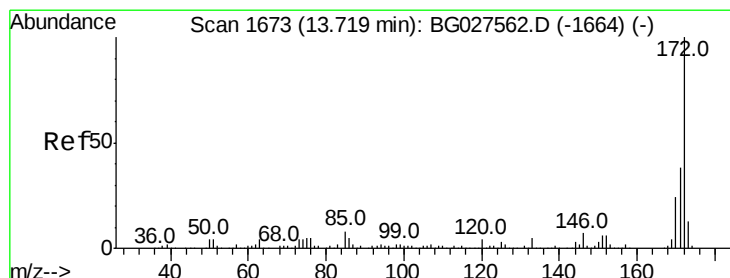
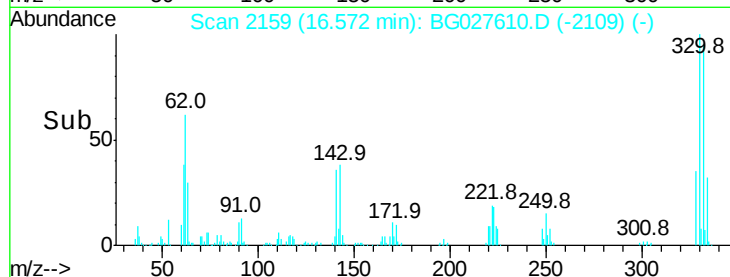
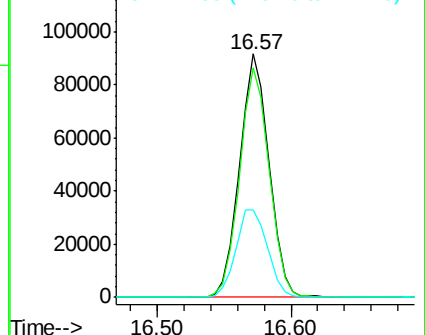
141 38.9 32.1 48.1



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: 90.64 ng

RT: 13.71 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG027610.D

Acq: 23 Jun 2017 00:11

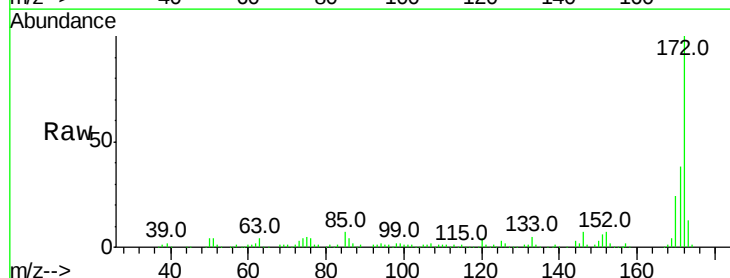
Tgt Ion:172 Resp: 351634

Ion Ratio Lower Upper

172 100

171 37.6 32.2 48.2

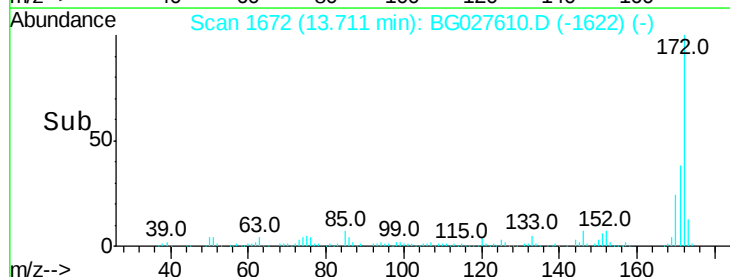
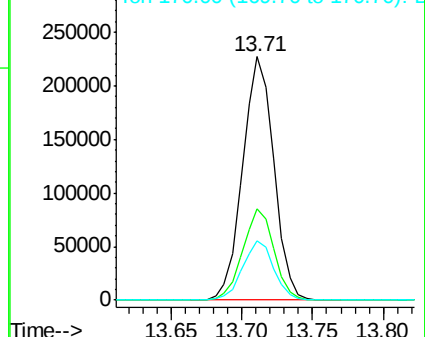
170 24.2 21.8 32.6

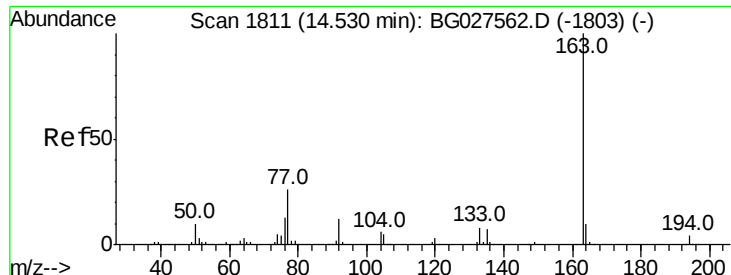


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

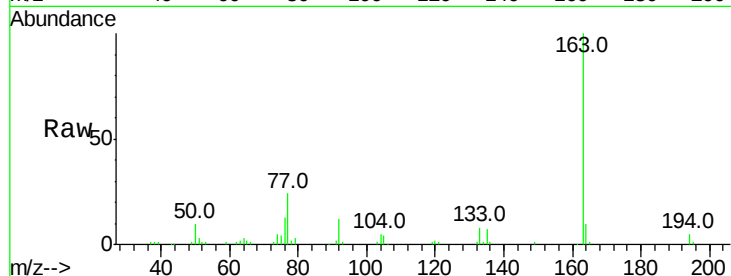




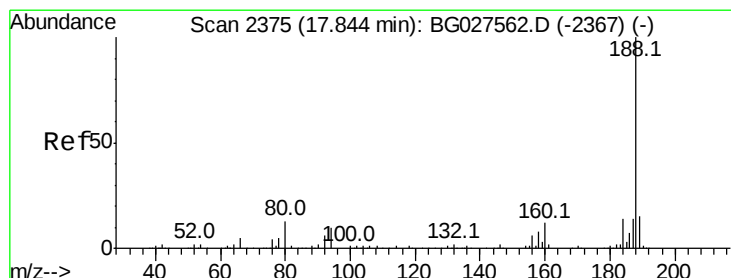
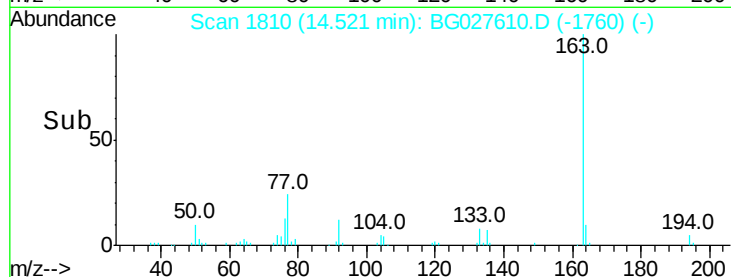
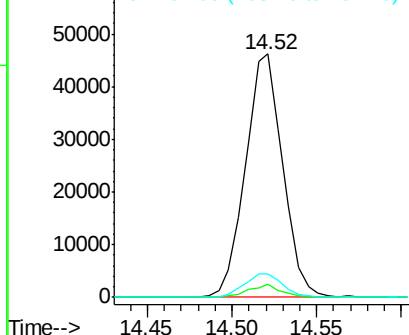
#49
Dimethylphthalate
Concen: 15.24 ng
RT: 14.52 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BG027610.D
Acq: 23 Jun 2017 00:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.8	5.6
164	9.8	9.3	13.9

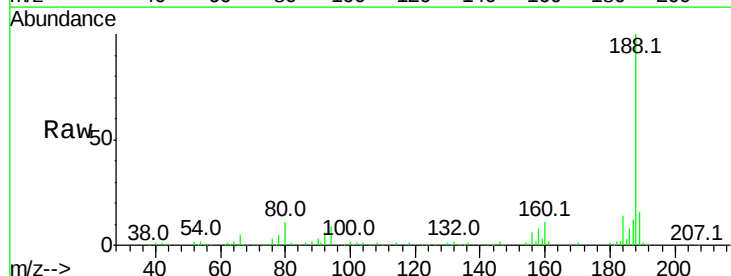


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

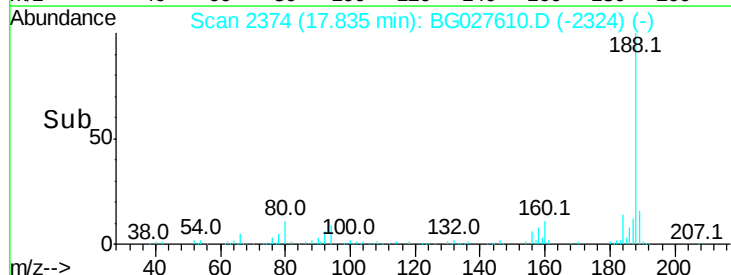
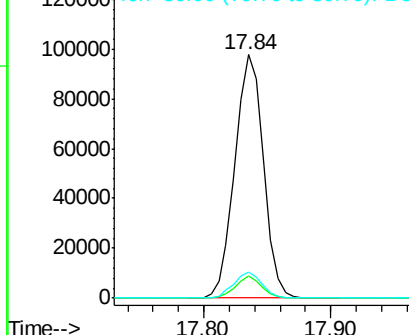


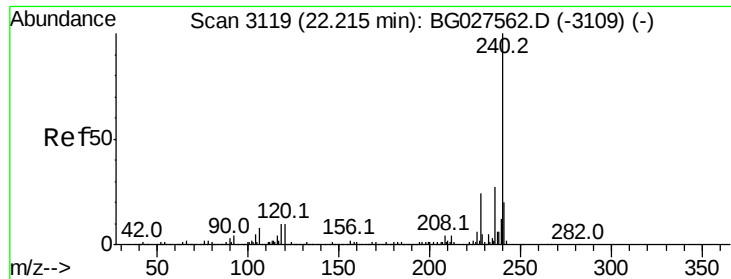
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027610.D
Acq: 23 Jun 2017 00:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	5.8	8.8#
80	10.5	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: BG027610.D

Acq: 23 Jun 2017 00:11

Instrument :

BNA_G

ClientSampleId :

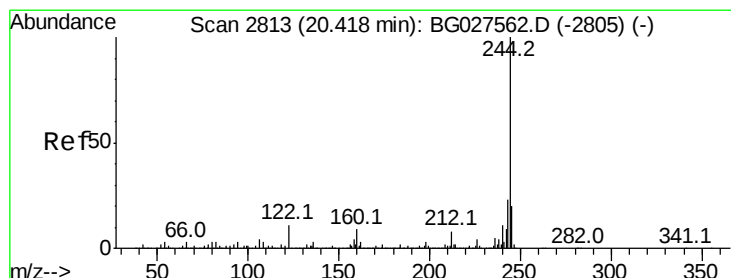
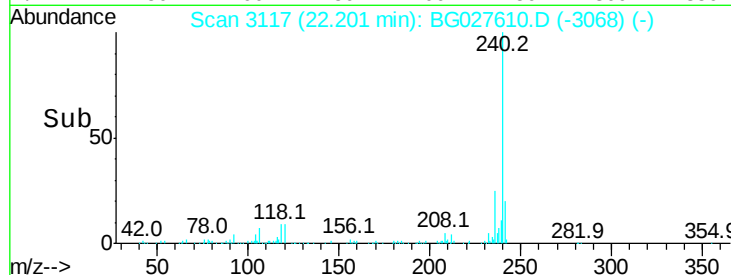
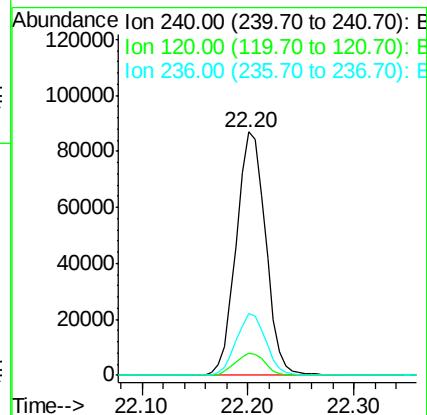
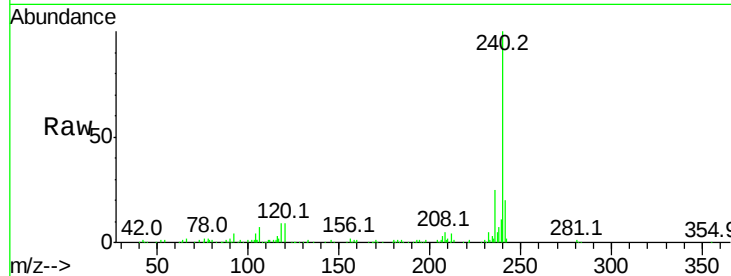
Tot Ion:240 Resp: 167103

Ion Ratio Lower Upper

240 100

120 9.4 5.7 8.5#

236 25.5 22.2 33.4



#78

Terphenyl-d14

Concen: 108.33 ng

RT: 20.41 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG027610.D

Acq: 23 Jun 2017 00:11

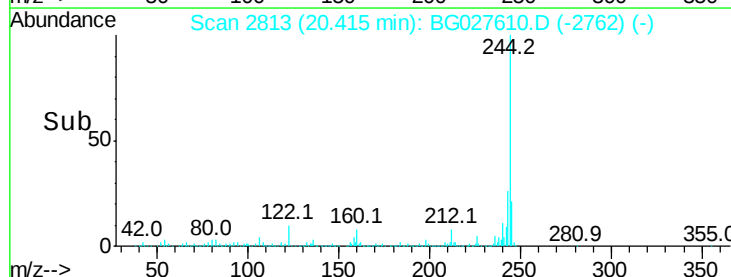
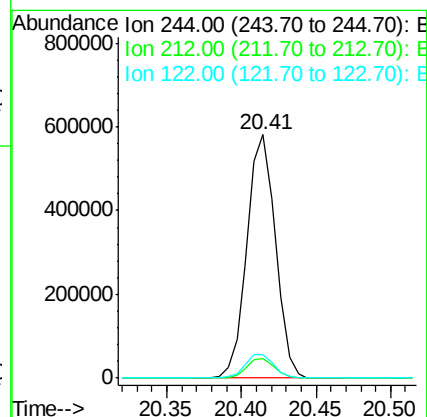
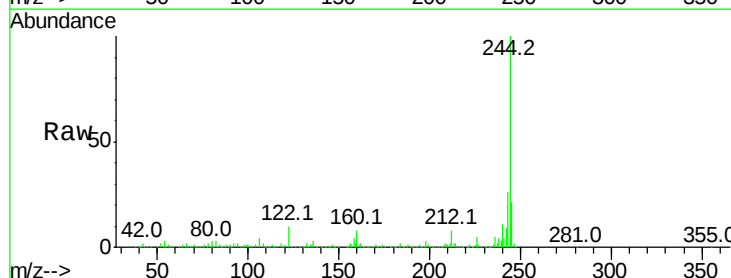
Tgt Ion:244 Resp: 768298

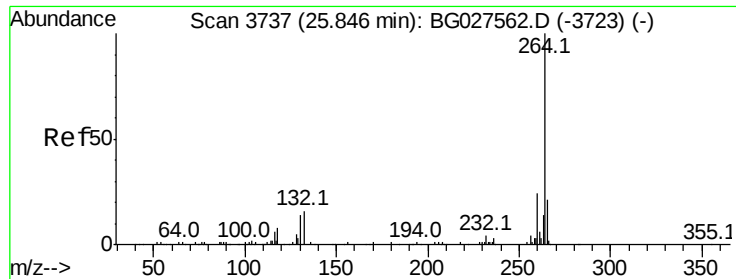
Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

122 9.7 8.6 12.8

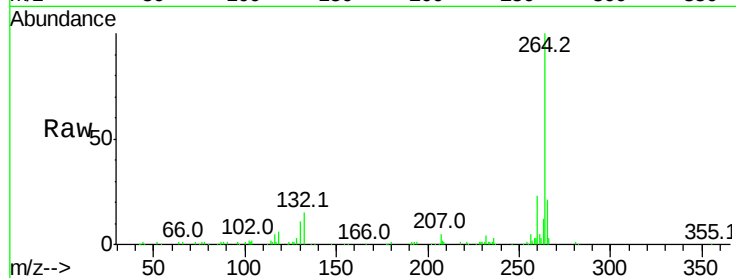




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.84 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG027610.D
Acq: 23 Jun 2017 00:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	20.9	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

