

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063017\
 Data File : BG027765.D
 Acq On : 30 Jun 2017 22:27
 Operator : SJ/JU
 Sample : PB100260BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 01 00:55:37 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	33556	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	162510	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	101680	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	276402	20.00	ng	0.00
75) Chrysene-d12	22.18	240	280579	20.00	ng	0.00
86) Perylene-d12	25.80	264	273745	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	311476	142.94	ng	0.00
7) Phenol-d6	7.62	99	424616	127.55	ng	0.00
23) Nitrobenzene-d5	9.64	82	251235	86.17	ng	0.00
41) 2,4,6-Tribromophenol	16.56	330	214486	153.79	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	646124	90.75	ng	0.00
78) Terphenyl-d14	20.40	244	1231052	102.86	ng	0.00

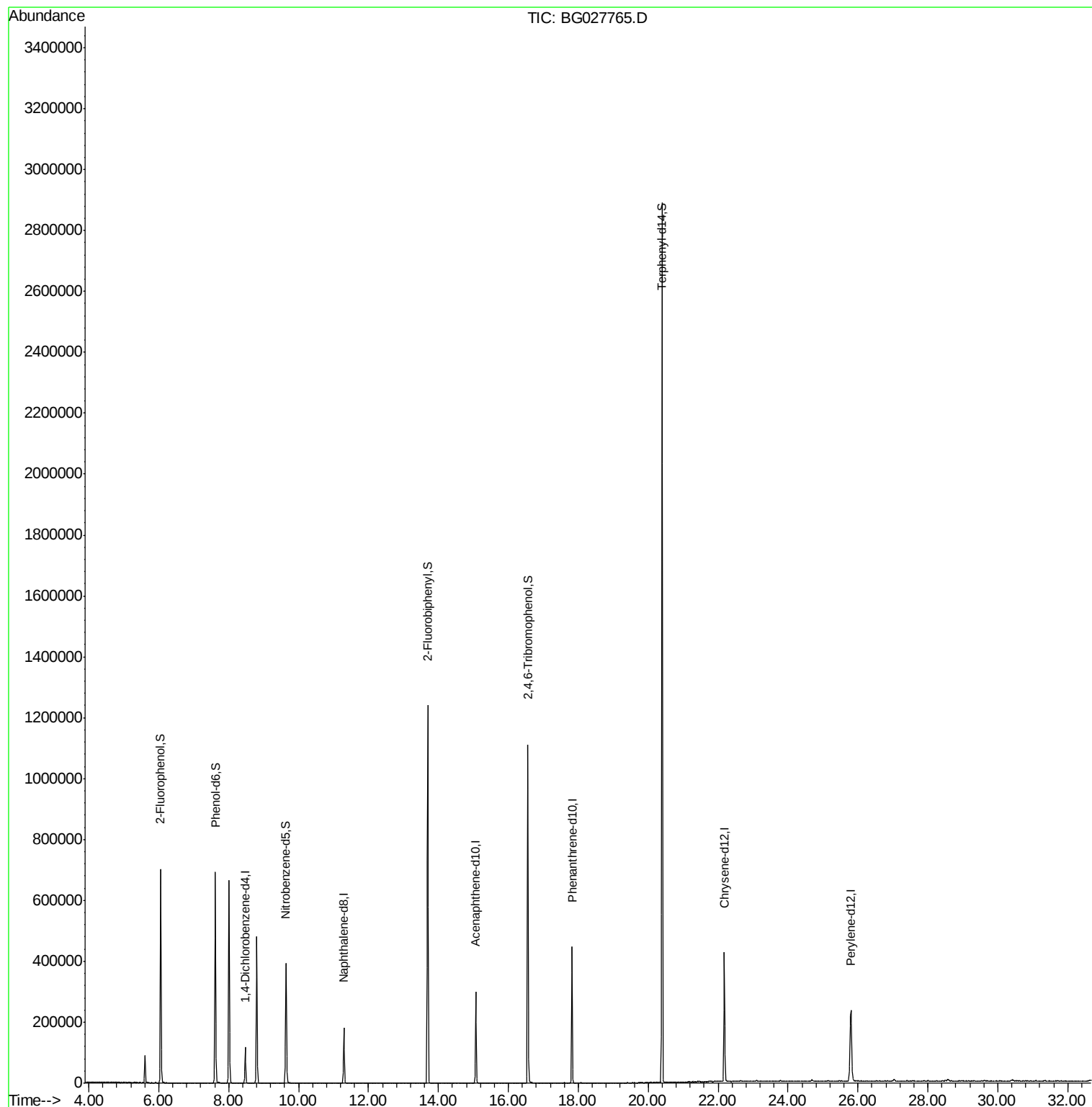
Target Compounds Qvalue

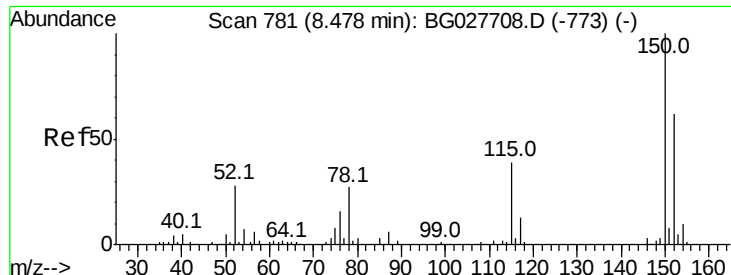
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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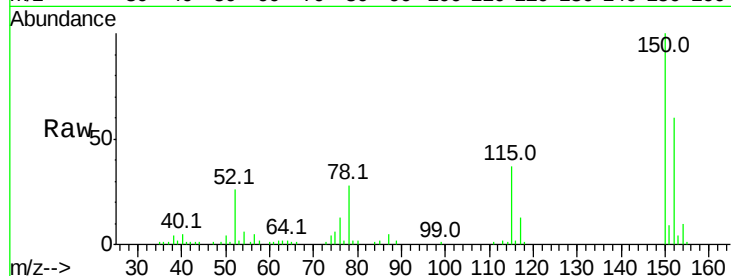


#1

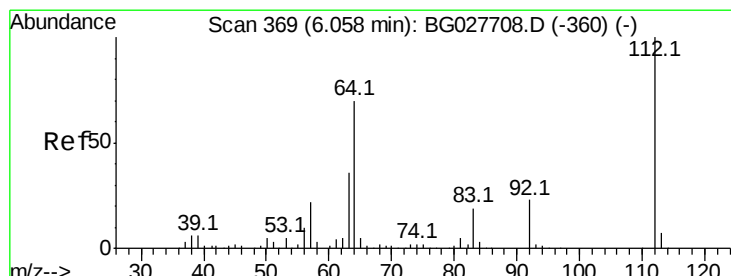
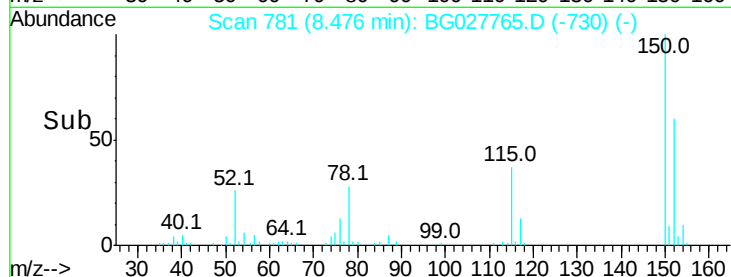
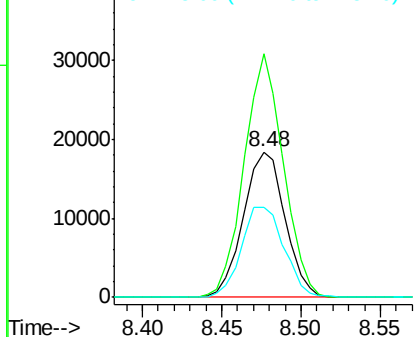
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027765.D
Acq: 30 Jun 2017 22:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 33556
Ion Ratio Lower Upper
152 100
150 167.3 114.0 171.0
115 61.8 48.1 72.1



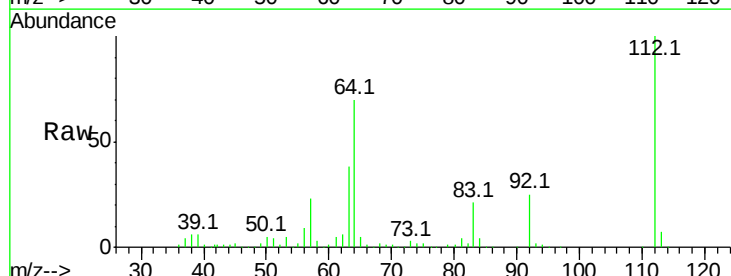
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



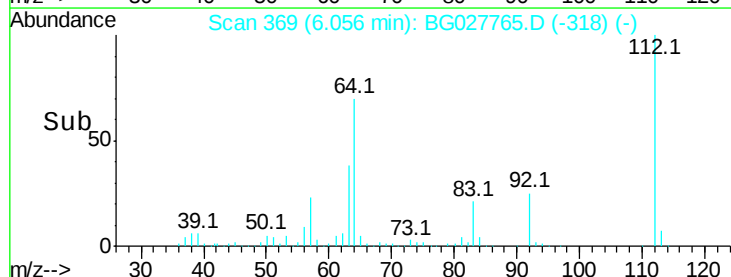
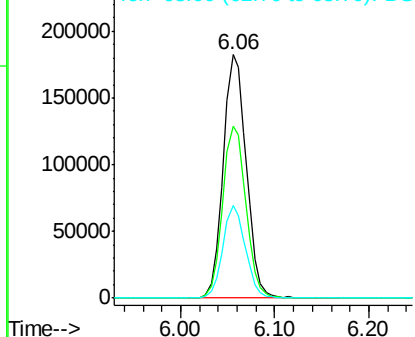
#5

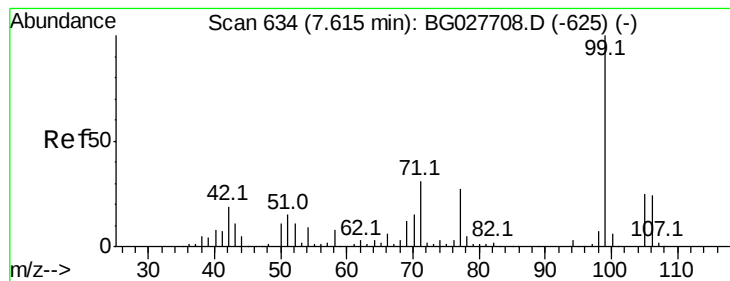
2-Fluorophenol
Concen: 142.94 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027765.D
Acq: 30 Jun 2017 22:27

Tgt Ion:112 Resp: 311476
Ion Ratio Lower Upper
112 100
64 70.5 61.8 92.6
63 37.9 37.2 55.8



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





#7

Phenol-d6

Concen: 127.55 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027765.D

Acq: 30 Jun 2017 22:27

Instrument :

BNA_G

ClientSampleId :

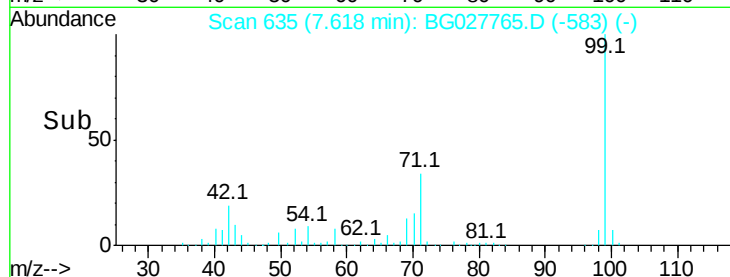
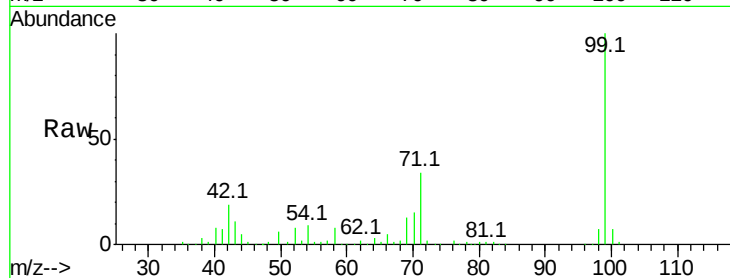
Tot Ion: 99 Resp: 424616

Ion Ratio Lower Upper

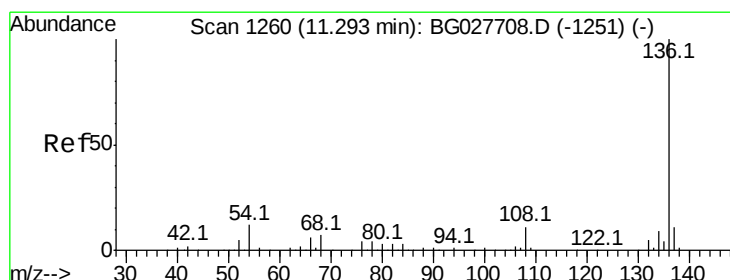
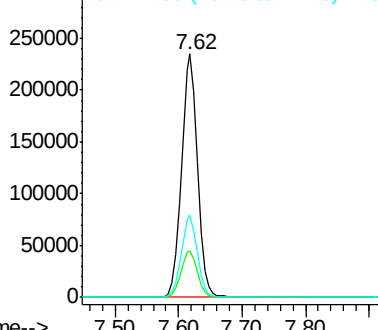
99 100

42 18.9 20.5 30.7#

71 33.7 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: 11.30 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG027765.D

Acq: 30 Jun 2017 22:27

Tgt Ion: 136 Resp: 162510

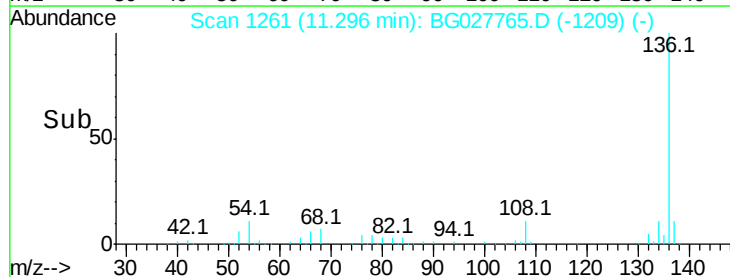
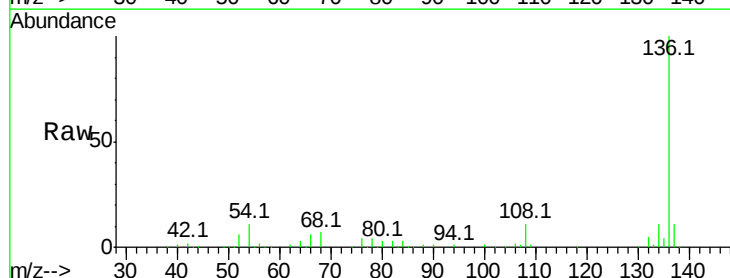
Ion Ratio Lower Upper

136 100

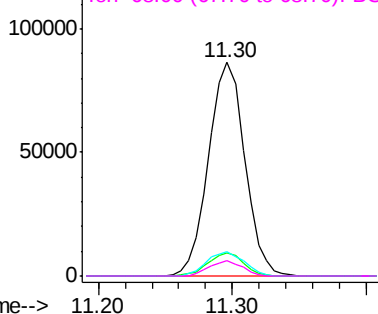
137 10.6 8.9 13.3

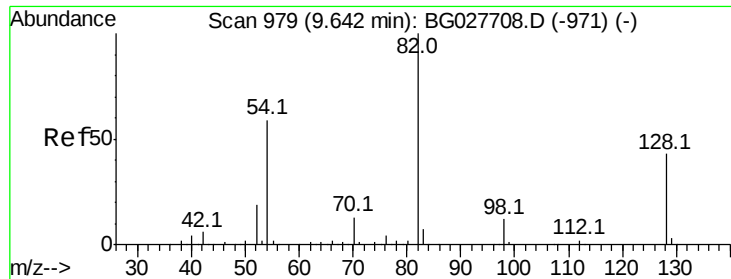
54 11.5 9.3 13.9

68 7.0 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

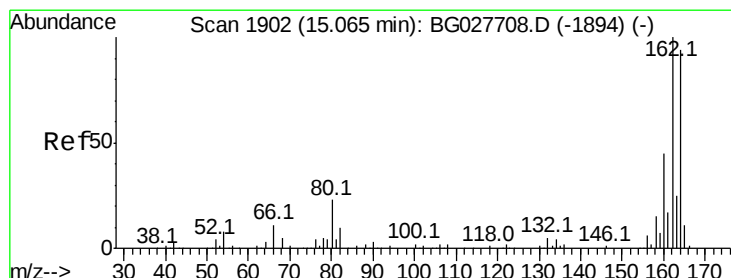
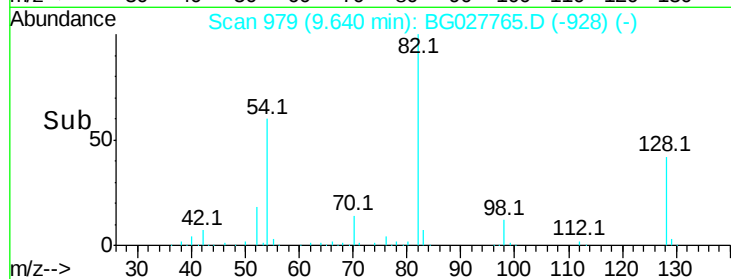
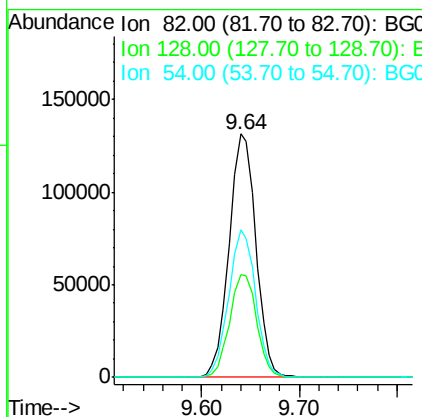
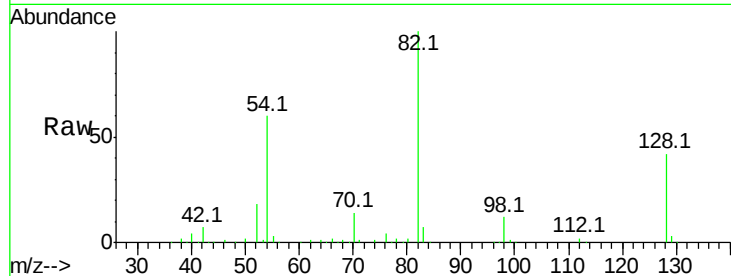




#23
 Nitrobenzene-d5
 Concen: 86.17 ng
 RT: 9.64 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BG027765.D
 Acq: 30 Jun 2017 22:27

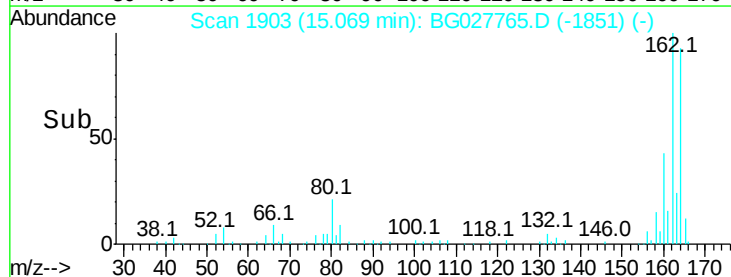
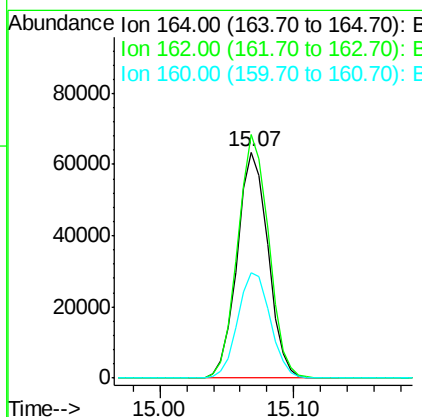
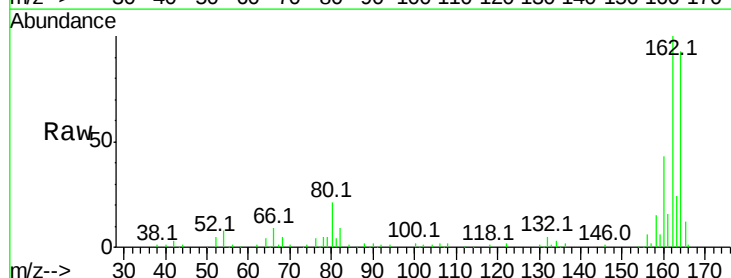
Instrument :
 BNA_G
 ClientSampled :

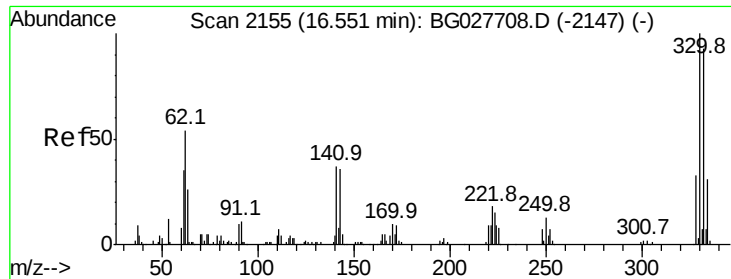
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	26.4	39.6
54	60.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: BG027765.D
 Acq: 30 Jun 2017 22:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.7	85.1	127.7
160	46.5	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 153.79 ng

RT: 16.56 min Scan# 2156

Delta R.T. 0.00 min

Lab File: BG027765.D

Acq: 30 Jun 2017 22:27

Instrument :

BNA_G

ClientSampled :

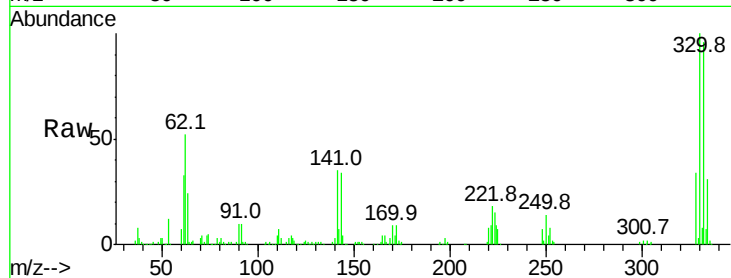
Tot Ion:330 Resp: 214486

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

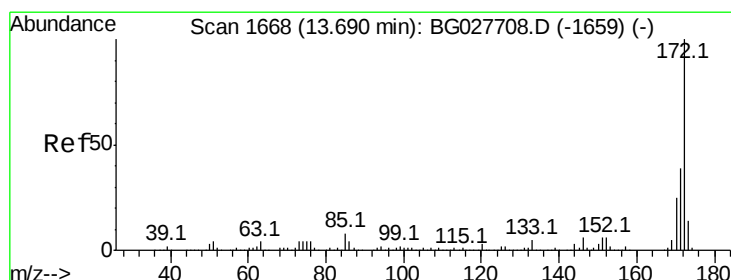
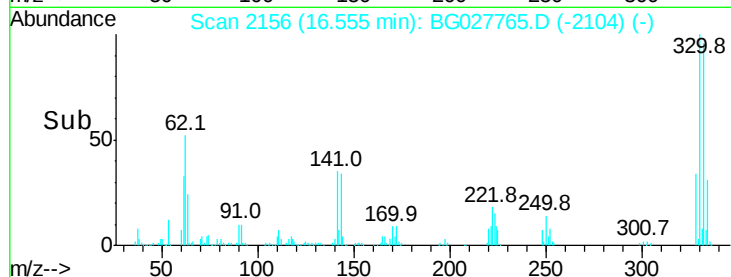
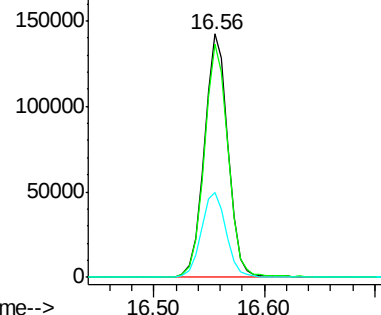
141 36.8 32.1 48.1



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: 90.75 ng

RT: 13.69 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BG027765.D

Acq: 30 Jun 2017 22:27

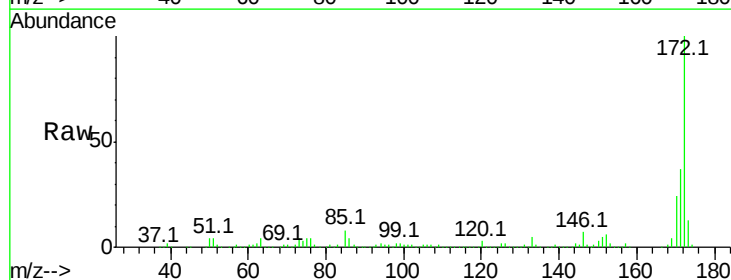
Tgt Ion:172 Resp: 646124

Ion Ratio Lower Upper

172 100

171 37.4 32.2 48.2

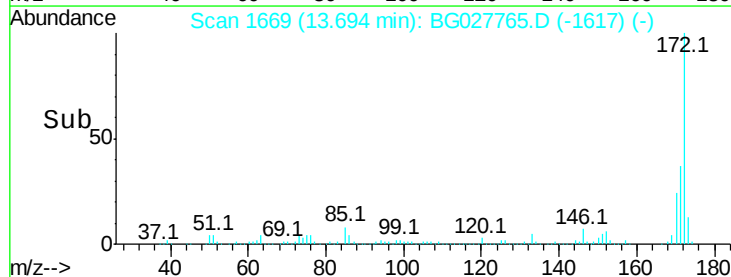
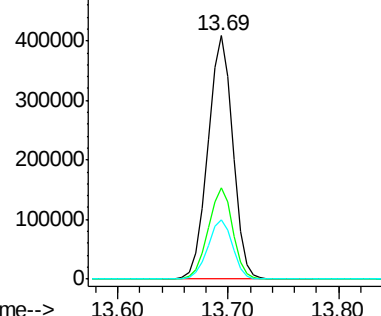
170 24.3 21.8 32.6

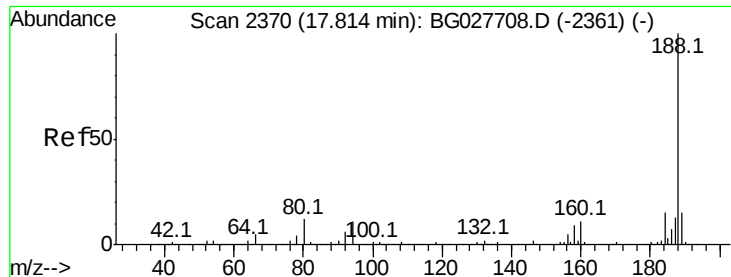


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

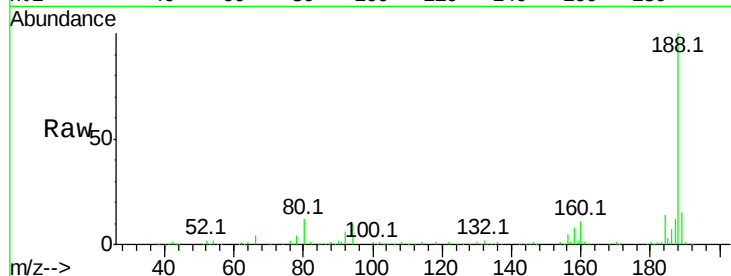




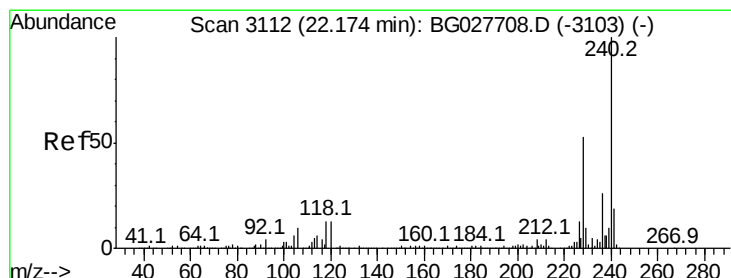
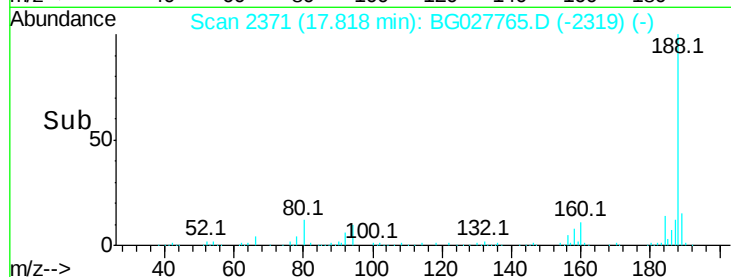
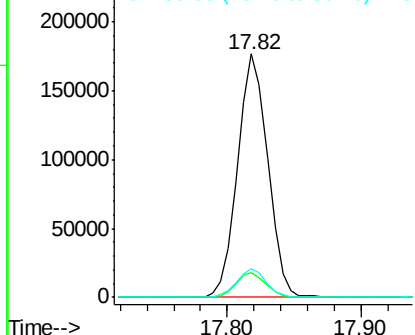
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.82 min Scan# 2371
 Delta R.T. 0.00 min
 Lab File: BG027765.D
 Acq: 30 Jun 2017 22:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 276402
 Ion Ratio Lower Upper
 188 100
 94 10.4 5.8 8.8#
 80 11.7 7.5 11.3#

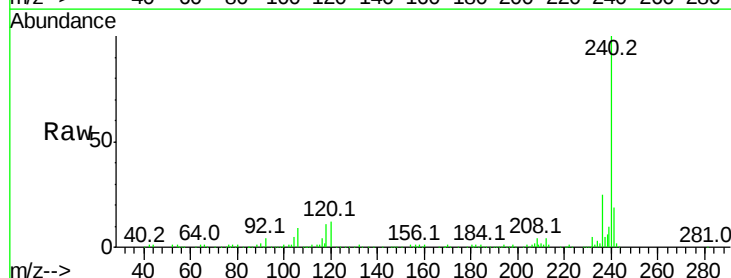


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

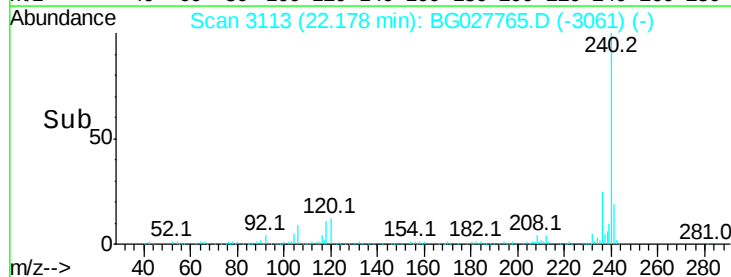
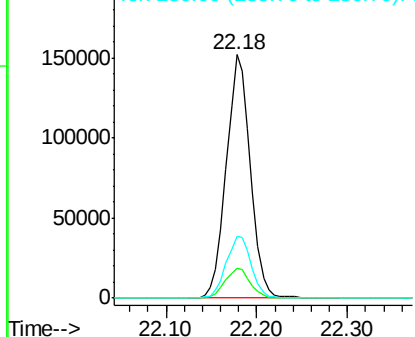


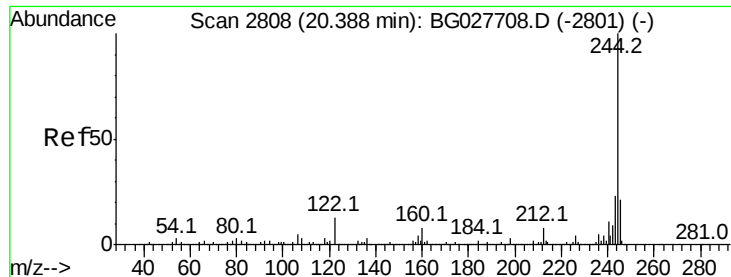
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.18 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: BG027765.D
 Acq: 30 Jun 2017 22:27

Tgt Ion:240 Resp: 280579
 Ion Ratio Lower Upper
 240 100
 120 12.2 5.7 8.5#
 236 25.4 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: 102.86 ng

RT: 20.40 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BG027765.D

Acq: 30 Jun 2017 22:27

Instrument :

BNA_G

ClientSampleId :

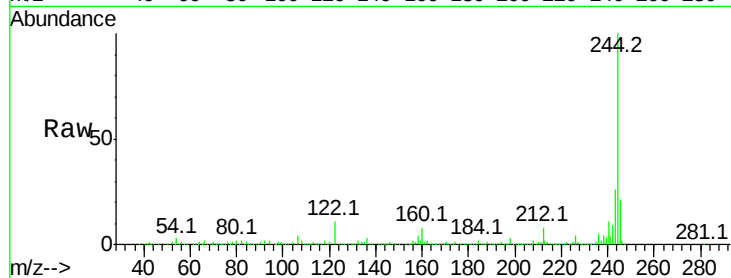
Tot Ion:244 Resp: 1231052

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

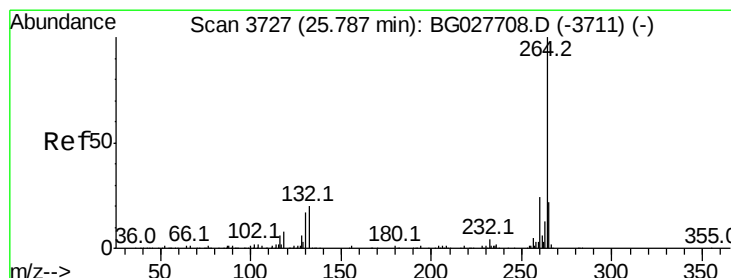
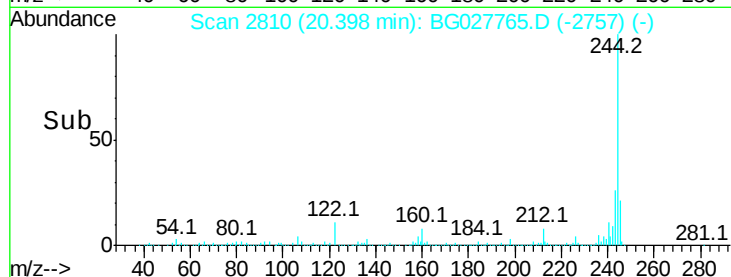
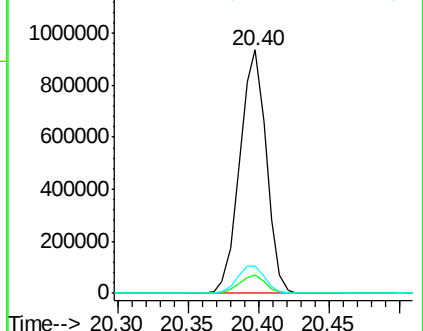
122 11.1 8.6 12.8



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

Perylene-d12

Concen: 20.00 ng

RT: 25.80 min Scan# 3729

Delta R.T. 0.01 min

Lab File: BG027765.D

Acq: 30 Jun 2017 22:27

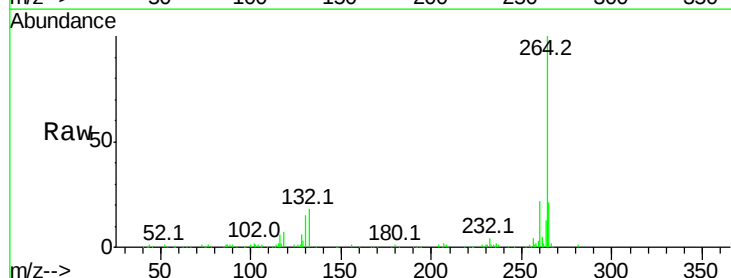
Tgt Ion:264 Resp: 273745

Ion Ratio Lower Upper

264 100

260 22.4 21.8 32.8

265 21.1 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

