

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070117\
 Data File : BG027780.D
 Acq On : 1 Jul 2017 12:33
 Operator : SJ/JU
 Sample : I3959-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 01 18:08:22 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	30992	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	147938	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	94187	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	246128	20.00	ng	0.00
75) Chrysene-d12	22.18	240	248401	20.00	ng	0.00
86) Perylene-d12	25.79	264	243450	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	268506	133.41	ng	0.00
7) Phenol-d6	7.62	99	326061	106.05	ng	0.00
23) Nitrobenzene-d5	9.64	82	239770	90.34	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	240115	185.87	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	615997	93.40	ng	0.00
78) Terphenyl-d14	20.39	244	1196351	112.91	ng	0.00

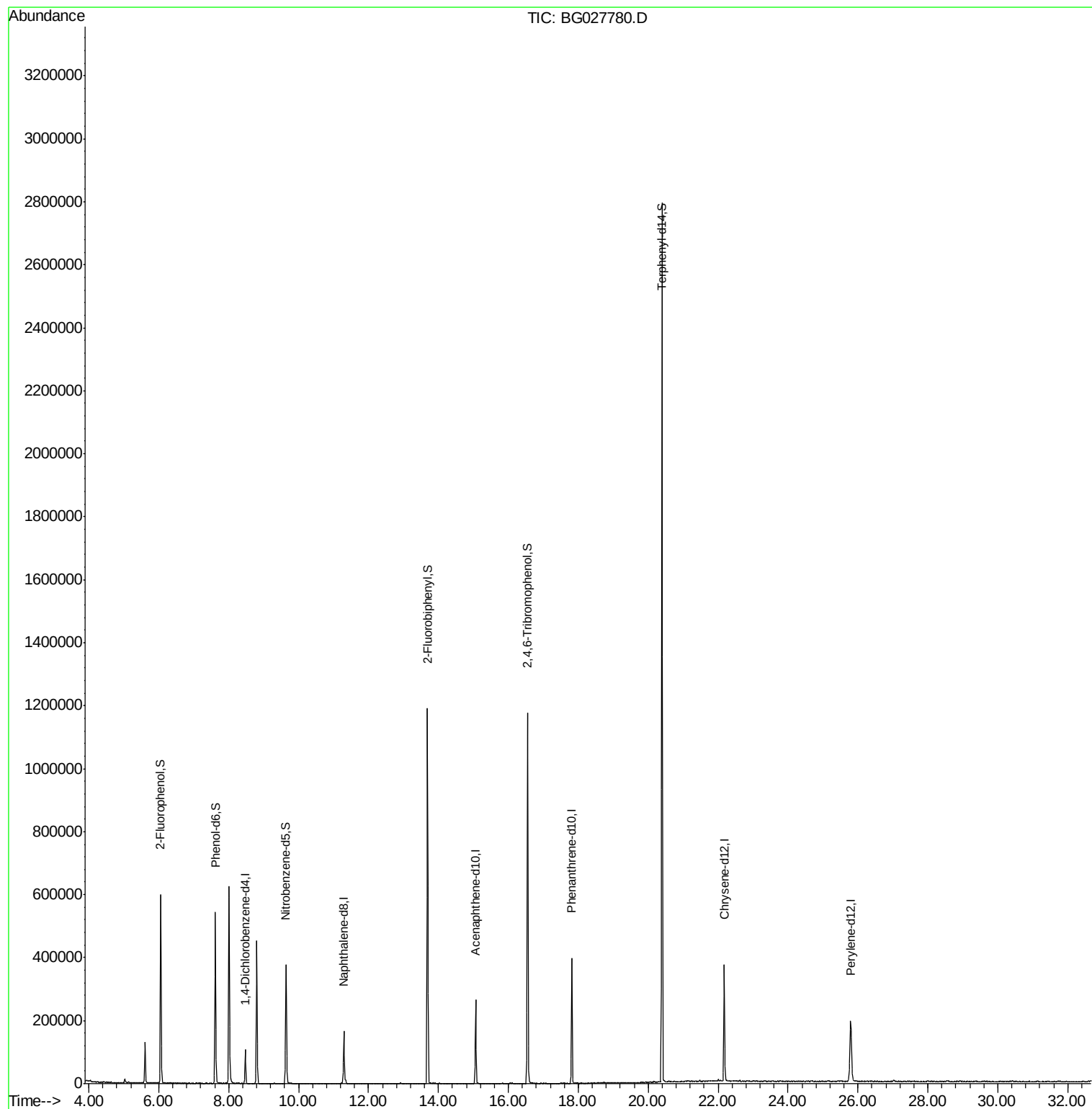
Target Compounds Qvalue

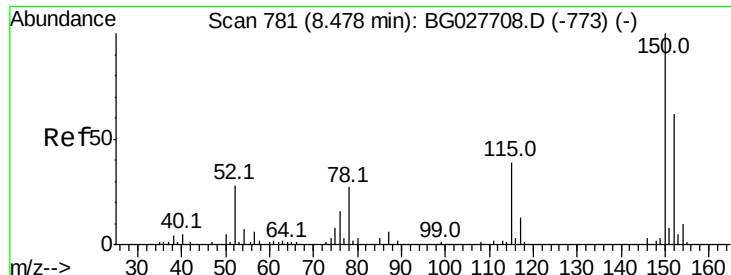
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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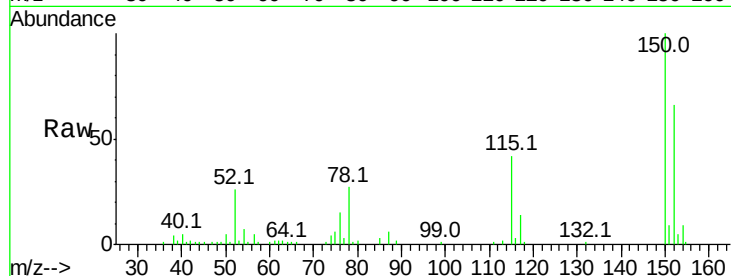


#1

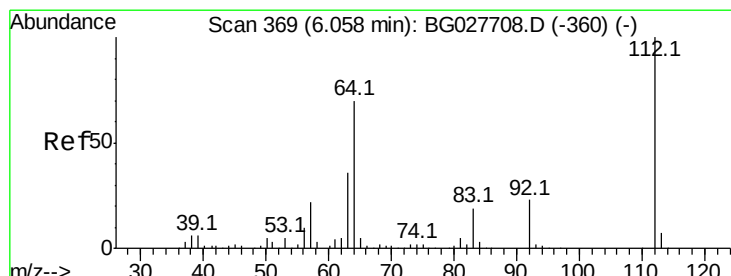
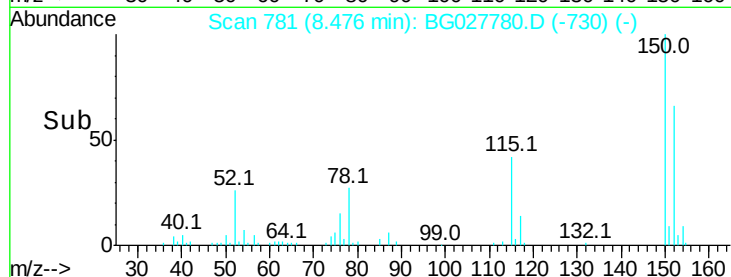
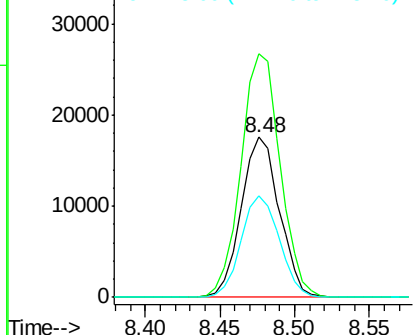
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027780.D
Acq: 1 Jul 2017 12:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 30992
Ion Ratio Lower Upper
152 100
150 152.1 114.0 171.0
115 63.2 48.1 72.1



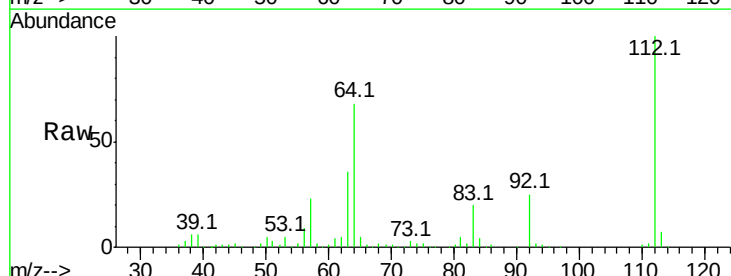
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



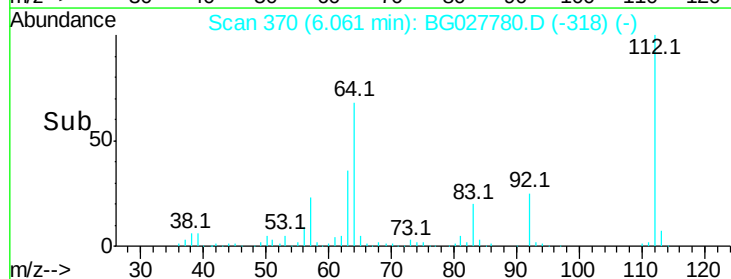
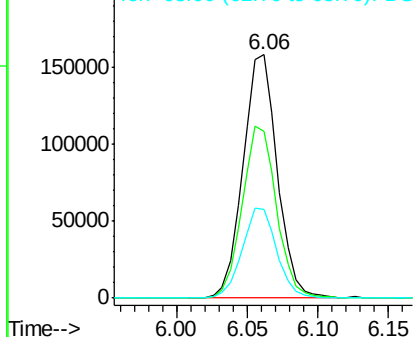
#5

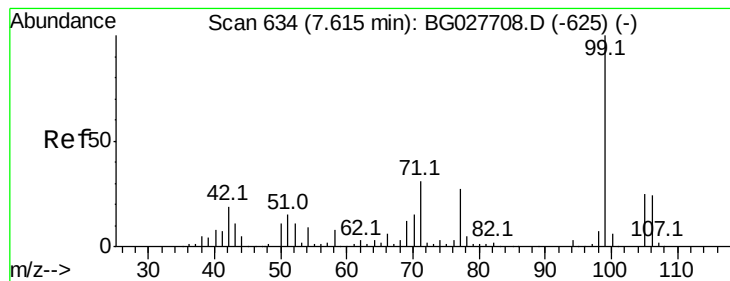
2-Fluorophenol
Concen: 133.41 ng
RT: 6.06 min Scan# 370
Delta R.T. 0.00 min
Lab File: BG027780.D
Acq: 1 Jul 2017 12:33

Tgt Ion:112 Resp: 268506
Ion Ratio Lower Upper
112 100
64 68.3 61.8 92.6
63 36.3 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: 106.05 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027780.D

Acq: 1 Jul 2017 12:33

Instrument :

BNA_G

ClientSampleId :

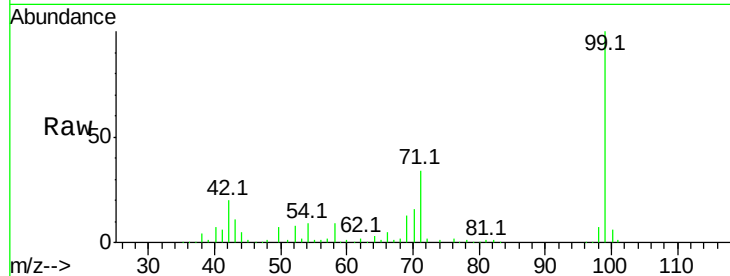
Tot Ion: 99 Resp: 326061

Ion Ratio Lower Upper

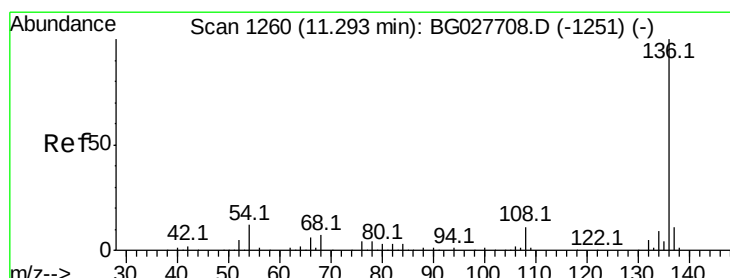
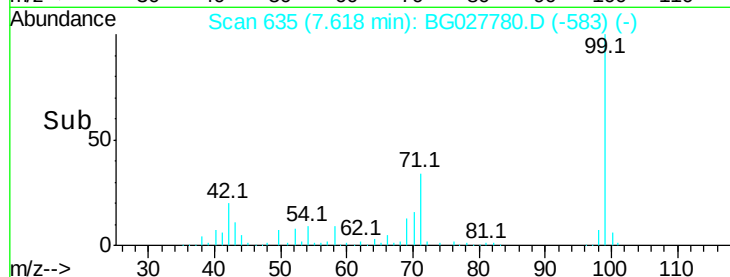
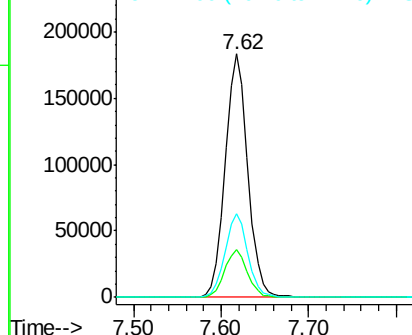
99 100

42 19.6 20.5 30.7#

71 34.1 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: 11.30 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG027780.D

Acq: 1 Jul 2017 12:33

Tgt Ion: 136 Resp: 147938

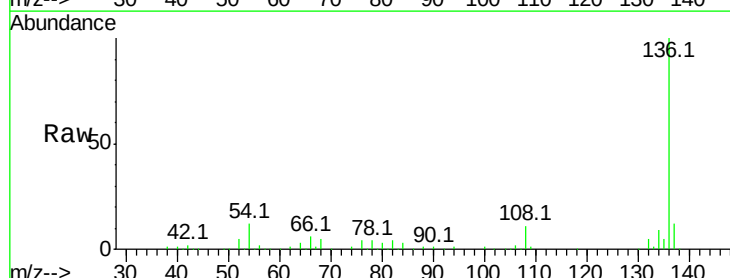
Ion Ratio Lower Upper

136 100

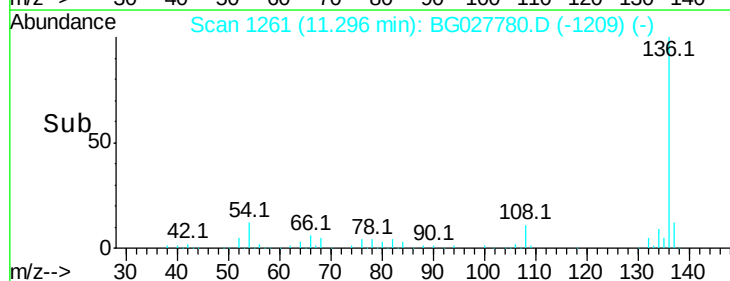
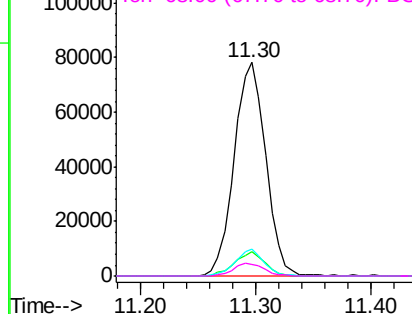
137 11.6 8.9 13.3

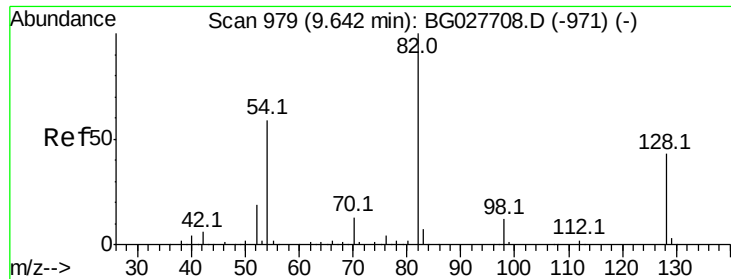
54 12.4 9.3 13.9

68 5.5 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

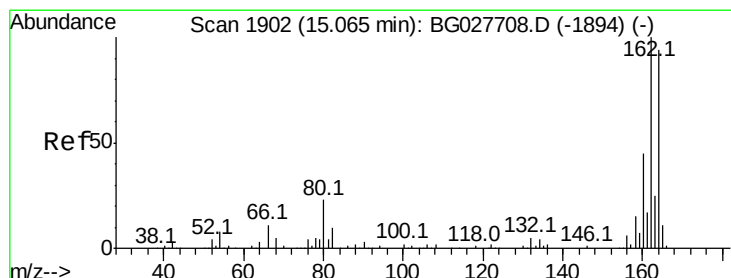
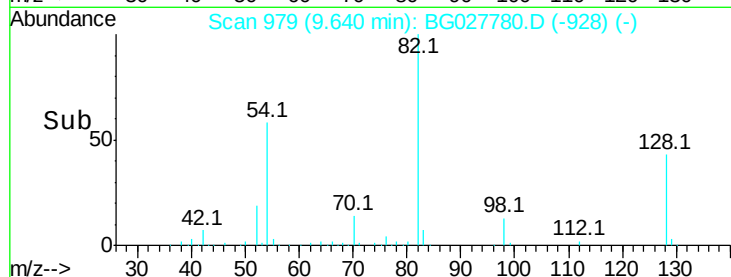
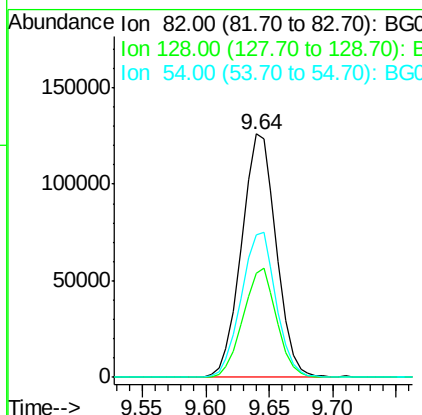
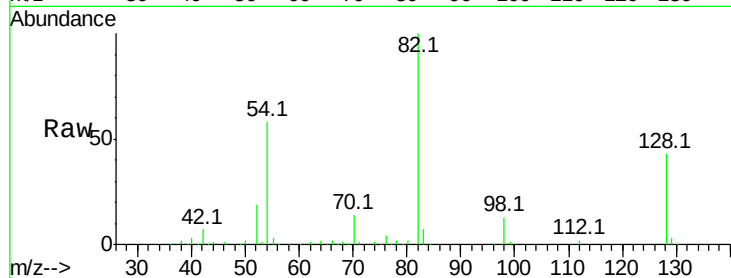




#23
 Nitrobenzene-d5
 Concen: 90.34 ng
 RT: 9.64 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BG027780.D
 Acq: 1 Jul 2017 12:33

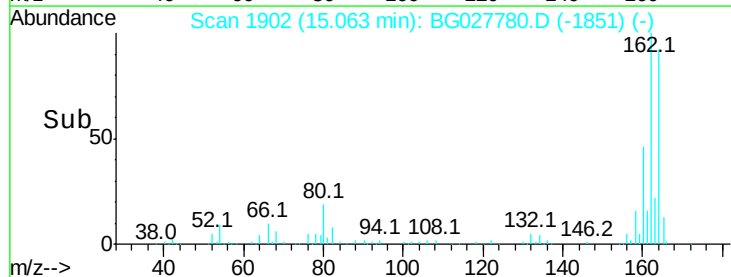
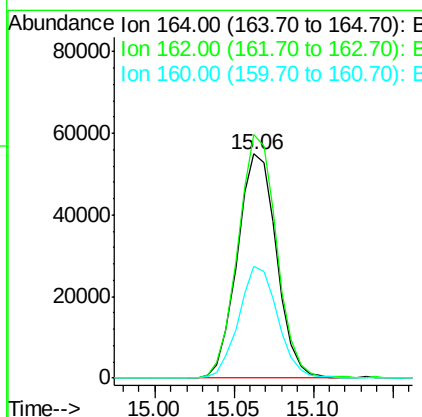
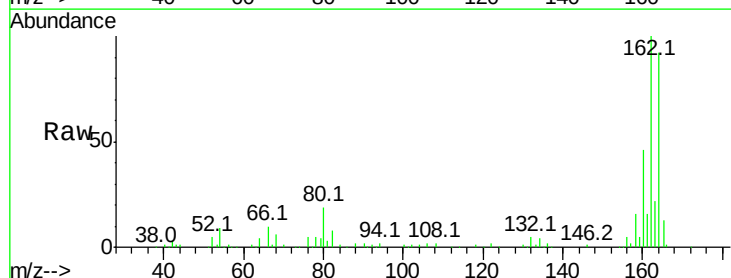
Instrument :
 BNA_G
 ClientSampled :

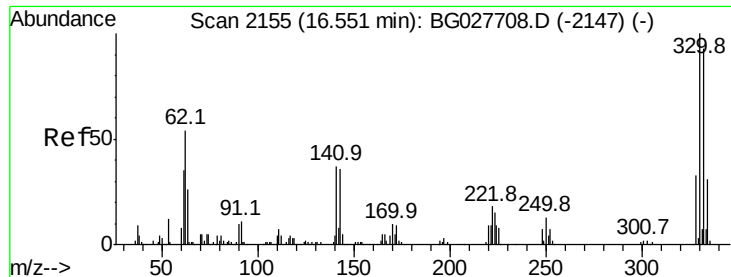
Tot Ion: 82 Resp: 239770
 Ion Ratio Lower Upper
 82 100
 128 42.6 26.4 39.6#
 54 58.5 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BG027780.D
 Acq: 1 Jul 2017 12:33

Tgt Ion:164 Resp: 94187
 Ion Ratio Lower Upper
 164 100
 162 108.5 85.1 127.7
 160 49.6 34.7 52.1

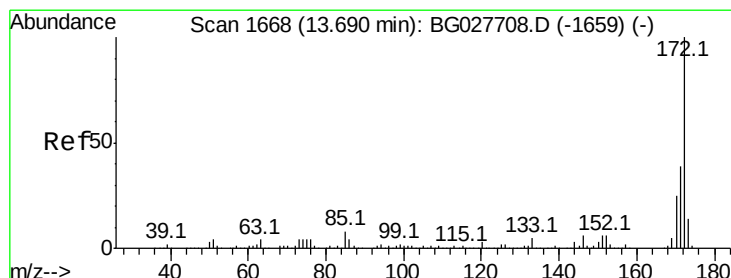
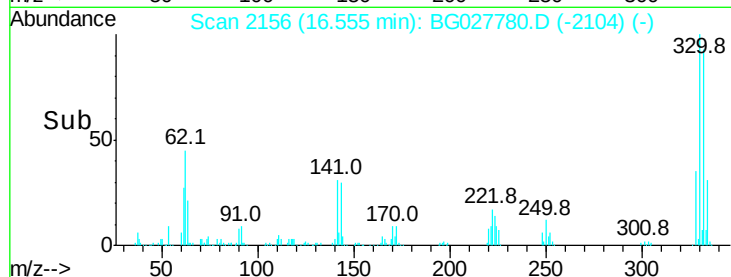
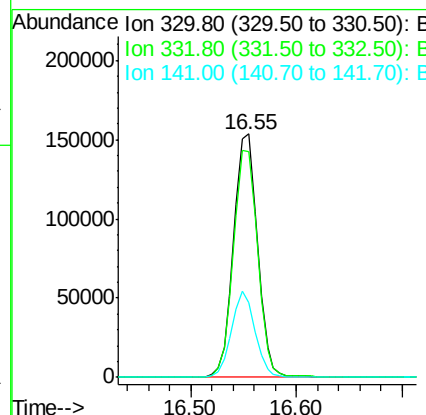
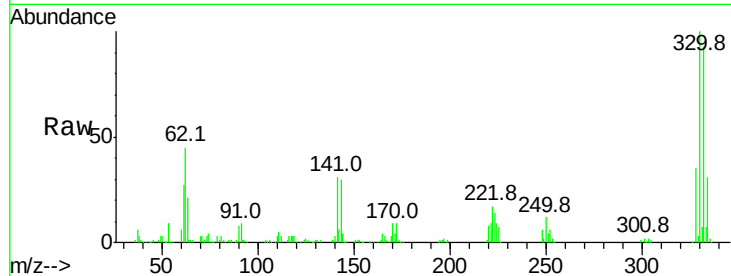




#41
 2,4,6-Tribromophenol
 Concen: 185.87 ng
 RT: 16.55 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BG027780.D
 Acq: 1 Jul 2017 12:33

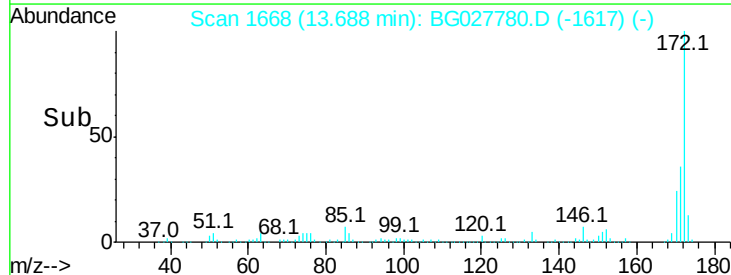
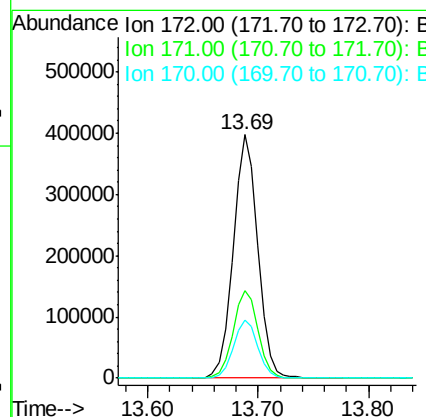
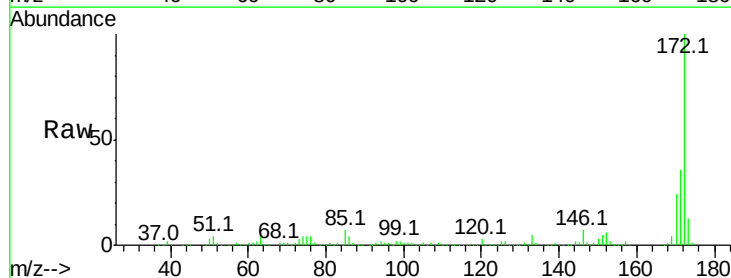
Instrument :
 BNA_G
 ClientSampleId :

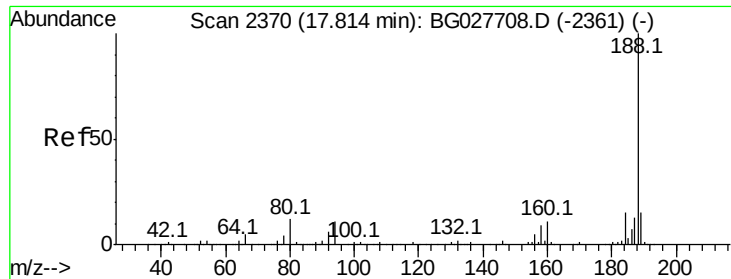
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.3	115.9
141	34.9	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 93.40 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027780.D
 Acq: 1 Jul 2017 12:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	32.2	48.2
170	24.0	21.8	32.6

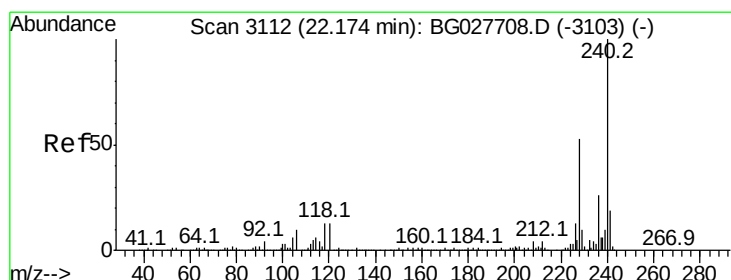
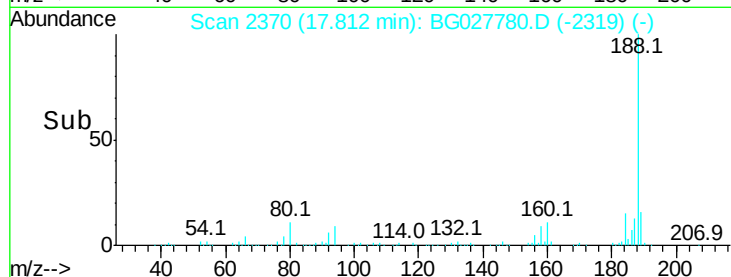
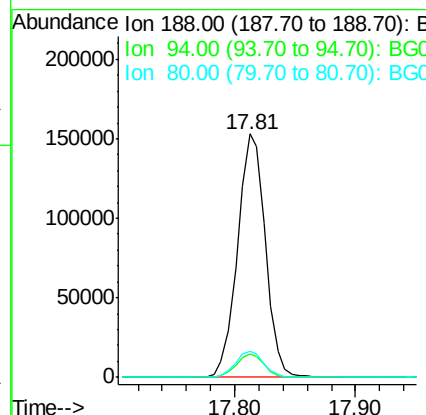
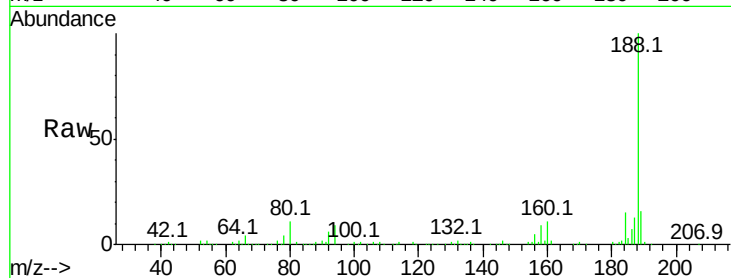




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.81 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: BG027780.D
 Acq: 1 Jul 2017 12:33

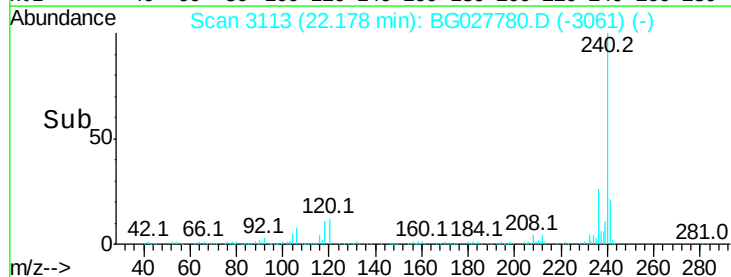
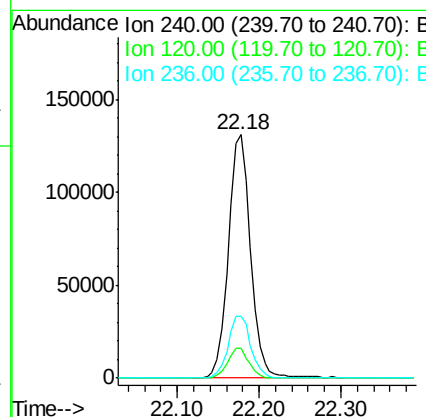
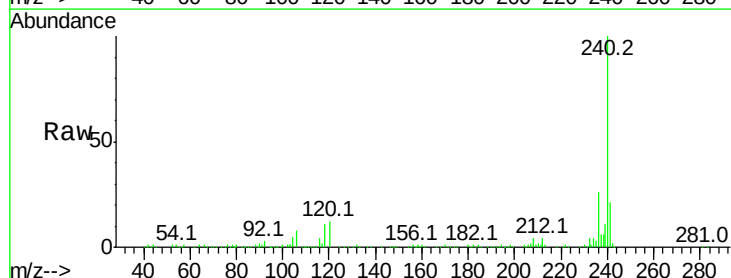
Instrument :
 BNA_G
 ClientSampleId :

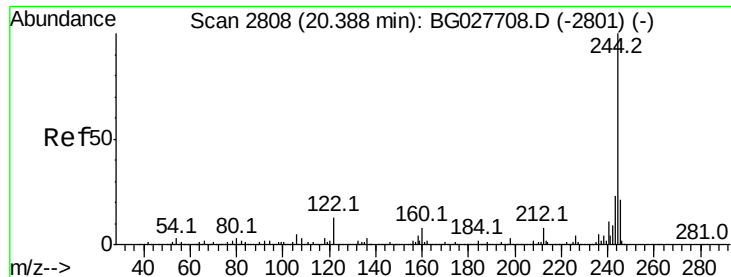
Tot Ion:188 Resp: 246128
 Ion Ratio Lower Upper
 188 100
 94 9.4 5.8 8.8#
 80 10.7 7.5 11.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.18 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: BG027780.D
 Acq: 1 Jul 2017 12:33

Tgt Ion:240 Resp: 248401
 Ion Ratio Lower Upper
 240 100
 120 12.3 5.7 8.5#
 236 25.6 22.2 33.4





#78

Terphenyl-d14

Concen: 112.91 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG027780.D

Acq: 1 Jul 2017 12:33

Instrument :

BNA_G

ClientSampleId :

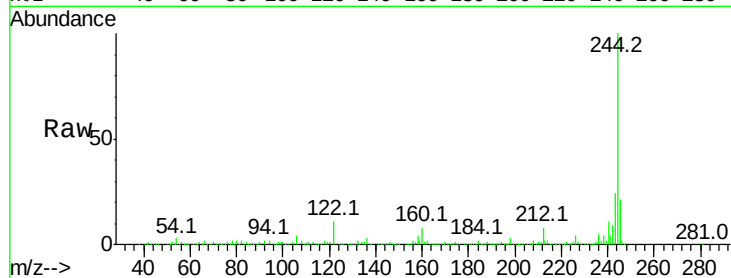
Tot Ion:244 Resp: 1196351

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

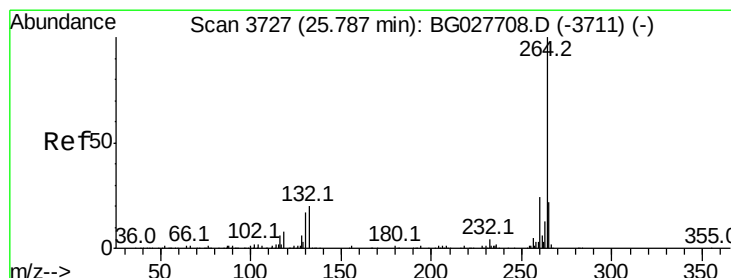
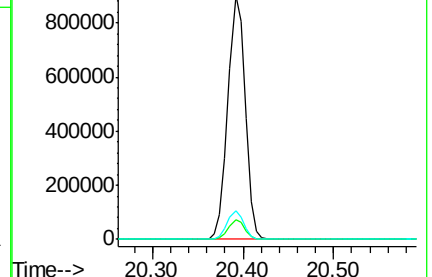
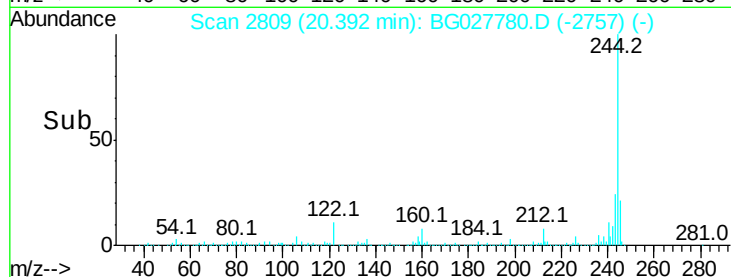
122 11.5 8.6 12.8



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: 25.79 min Scan# 3728

Delta R.T. 0.00 min

Lab File: BG027780.D

Acq: 1 Jul 2017 12:33

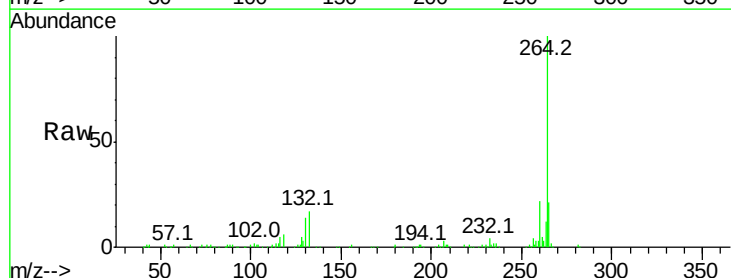
Tgt Ion:264 Resp: 243450

Ion Ratio Lower Upper

264 100

260 21.7 21.8 32.8#

265 20.6 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

