

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070117\
 Data File : BG027789.D
 Acq On : 1 Jul 2017 18:32
 Operator : SJ/JU
 Sample : I3982-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 01 19:16:52 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	29471	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	140270	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	94370	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	239457	20.00	ng	0.00
75) Chrysene-d12	22.18	240	240086	20.00	ng	0.00
86) Perylene-d12	25.80	264	238444	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	229143	119.73	ng	0.00
7) Phenol-d6	7.62	99	285501	97.65	ng	0.00
23) Nitrobenzene-d5	9.65	82	214050	85.06	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	216089	166.94	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	605511	91.64	ng	0.00
78) Terphenyl-d14	20.39	244	1088605	106.30	ng	0.00

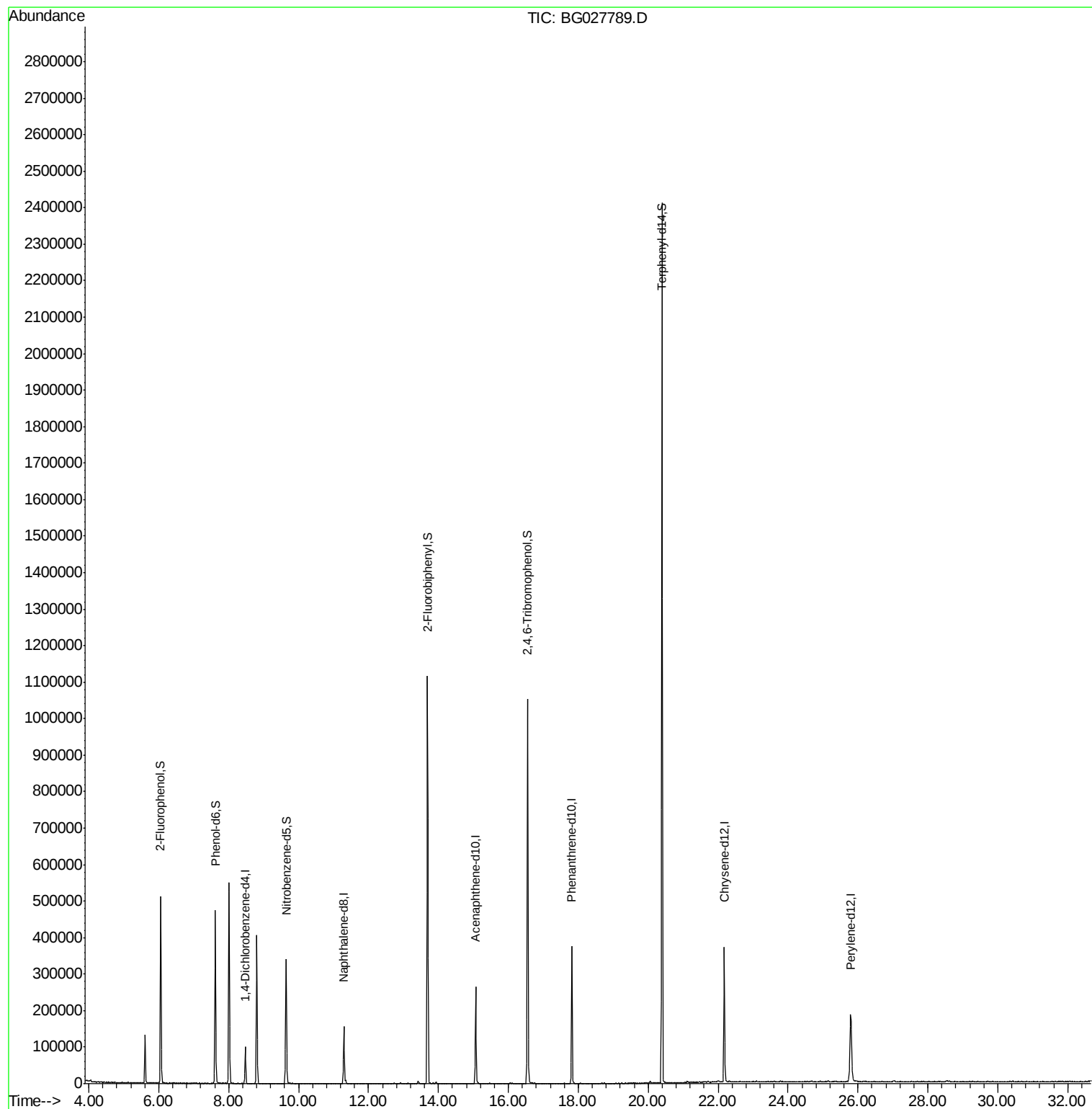
Target Compounds Qvalue

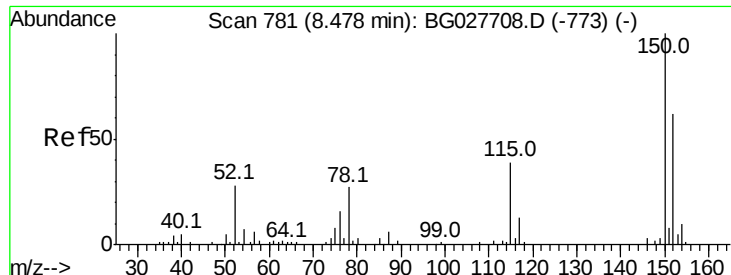
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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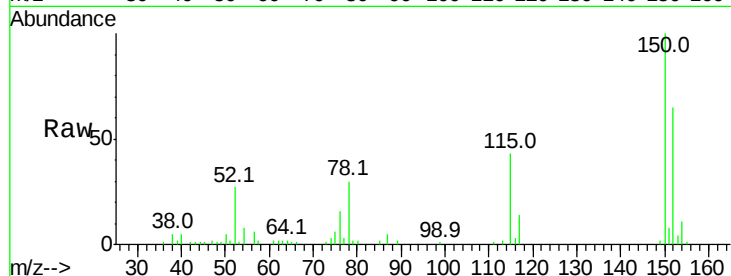


#1

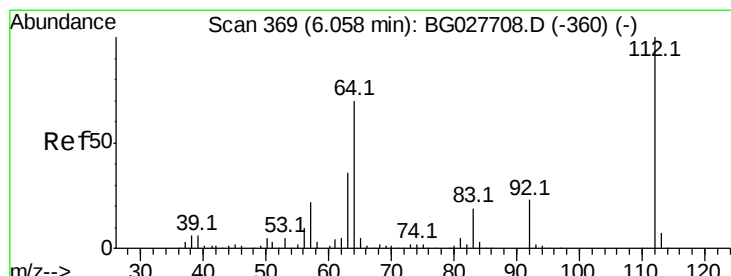
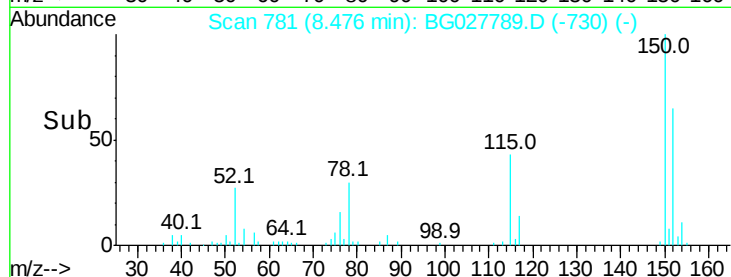
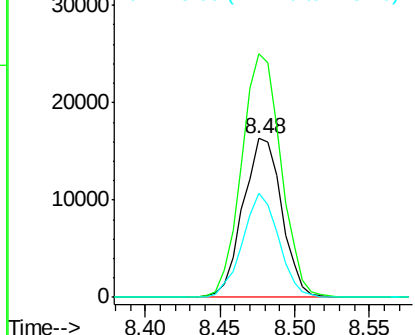
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027789.D
Acq: 1 Jul 2017 18:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29471
Ion Ratio Lower Upper
152 100
150 153.2 114.0 171.0
115 65.4 48.1 72.1



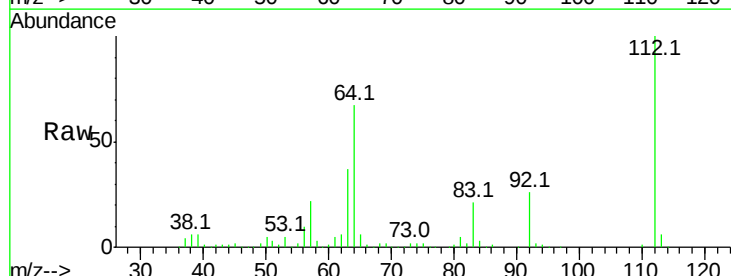
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



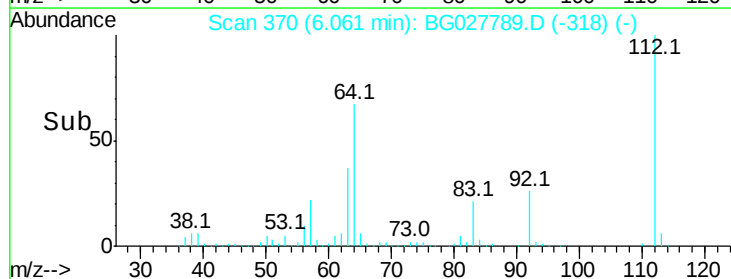
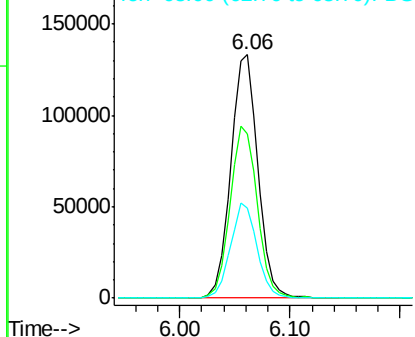
#5

2-Fluorophenol
Concen: 119.73 ng
RT: 6.06 min Scan# 370
Delta R.T. 0.00 min
Lab File: BG027789.D
Acq: 1 Jul 2017 18:32

Tgt Ion:112 Resp: 229143
Ion Ratio Lower Upper
112 100
64 67.3 61.8 92.6
63 36.8 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: 97.65 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027789.D

Acq: 1 Jul 2017 18:32

Instrument :

BNA_G

ClientSampleId :

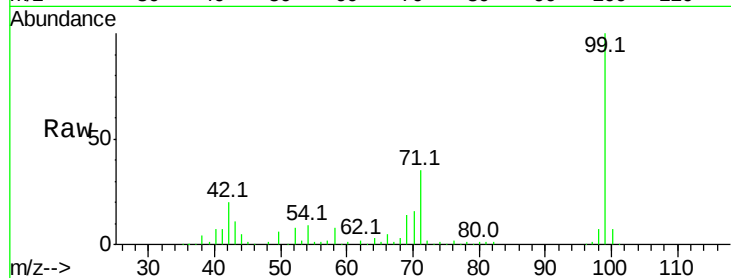
Tot Ion: 99 Resp: 285501

Ion Ratio Lower Upper

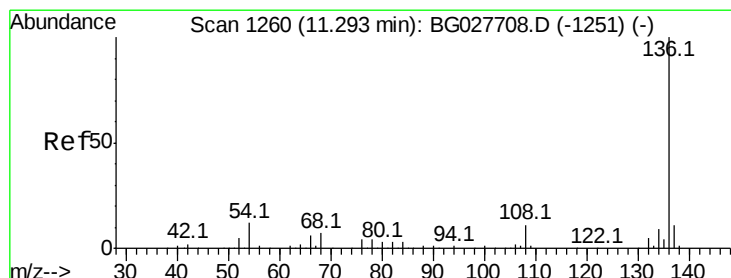
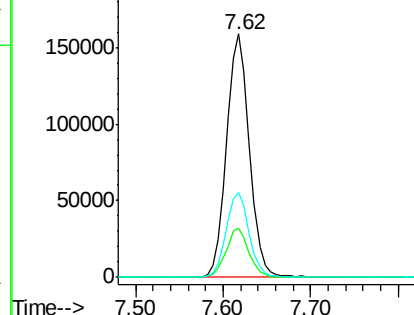
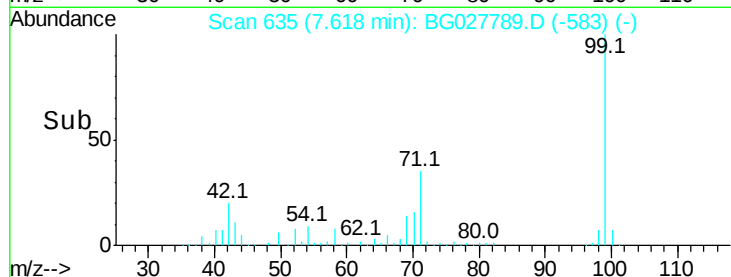
99 100

42 20.3 20.5 30.7#

71 34.7 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: BG027789.D

Acq: 1 Jul 2017 18:32

Tgt Ion: 136 Resp: 140270

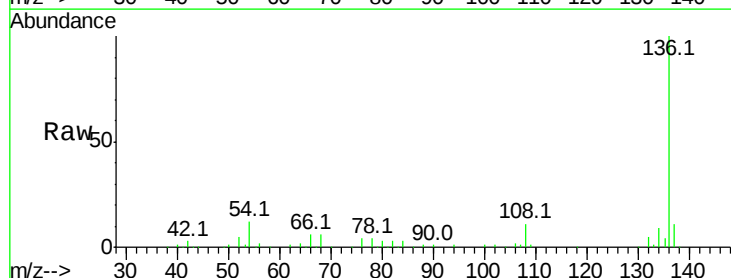
Ion Ratio Lower Upper

136 100

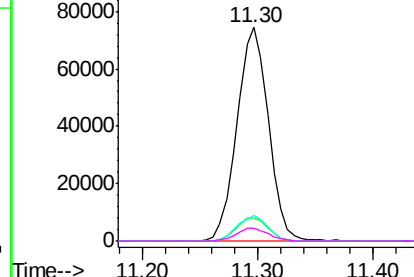
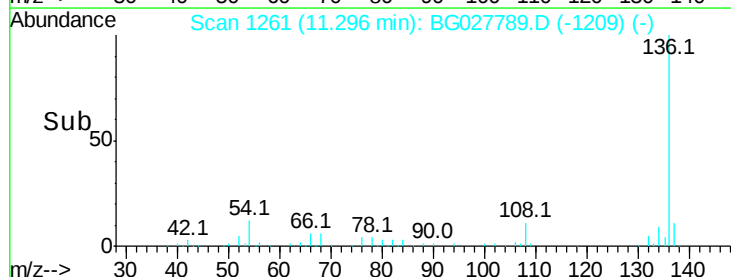
137 10.9 8.9 13.3

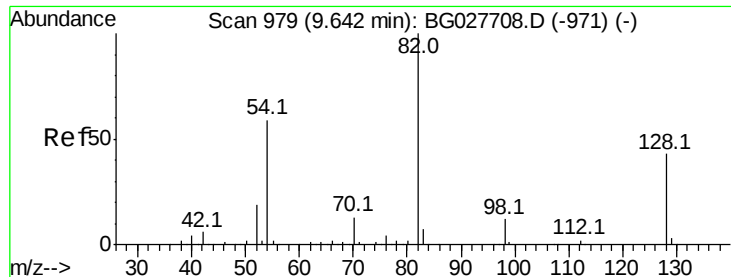
54 11.8 9.3 13.9

68 6.1 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

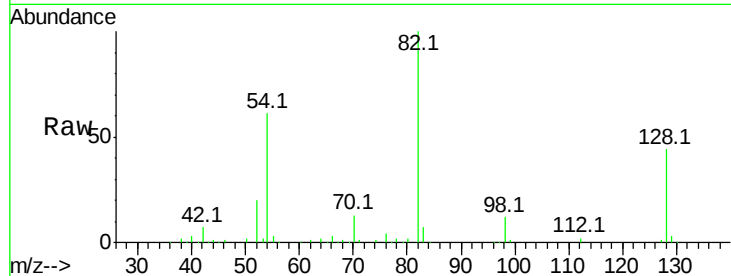




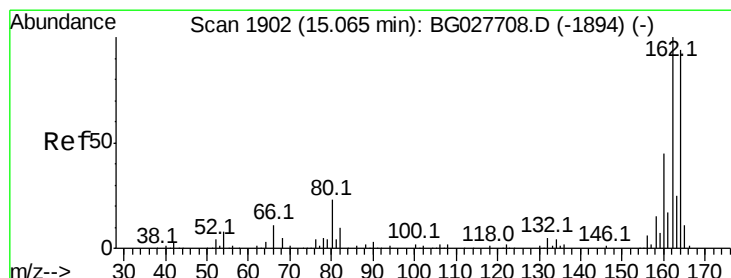
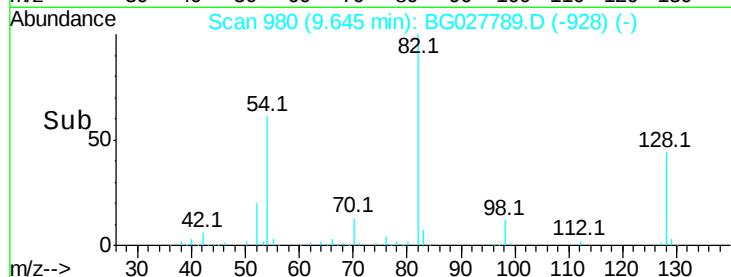
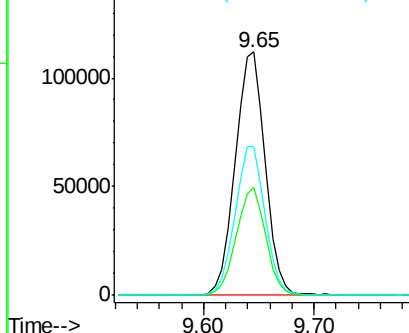
#23
Nitrobenzene-d5
Concen: 85.06 ng
RT: 9.65 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG027789.D
Acq: 1 Jul 2017 18:32

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 214050
Ion Ratio Lower Upper
82 100
128 44.2 26.4 39.6#
54 61.0 49.4 74.2

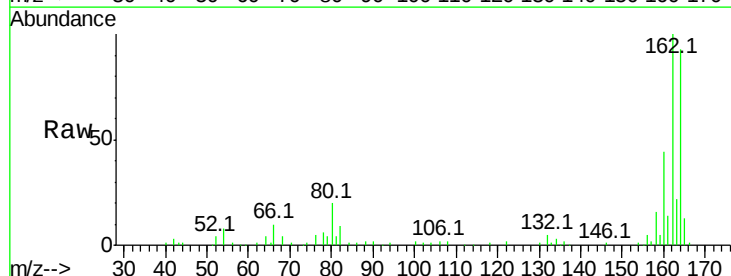


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

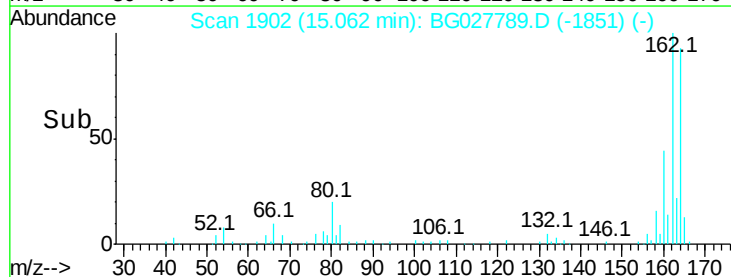
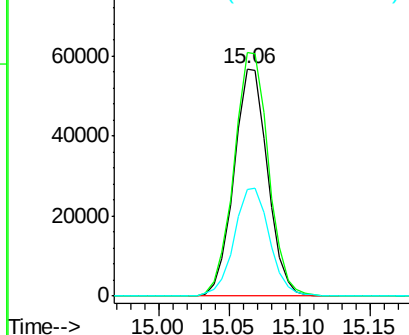


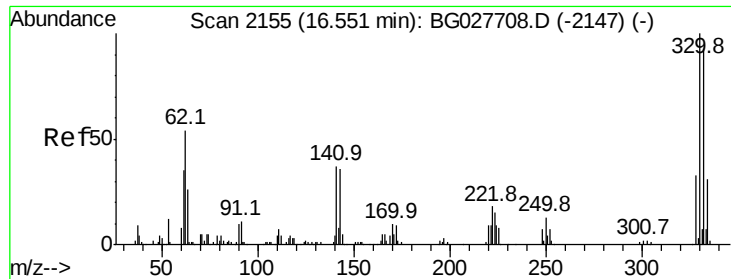
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.06 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG027789.D
Acq: 1 Jul 2017 18:32

Tgt Ion:164 Resp: 94370
Ion Ratio Lower Upper
164 100
162 107.2 85.1 127.7
160 47.1 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

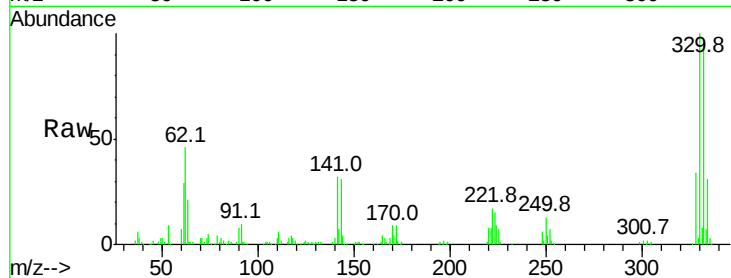




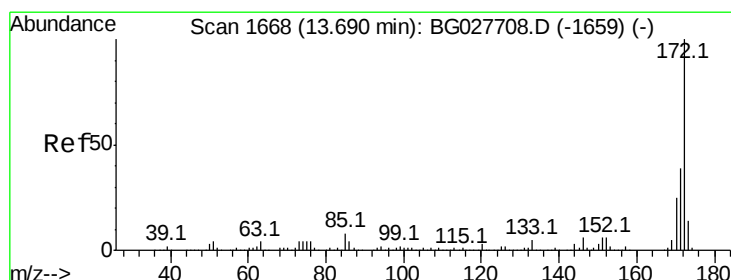
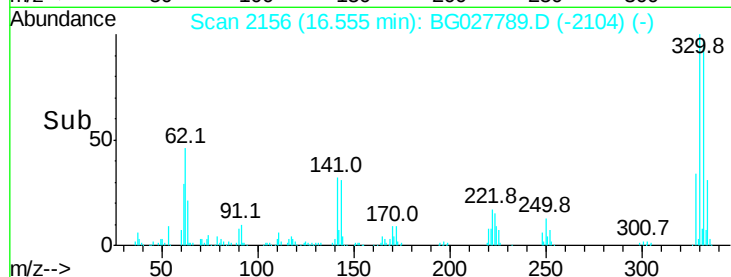
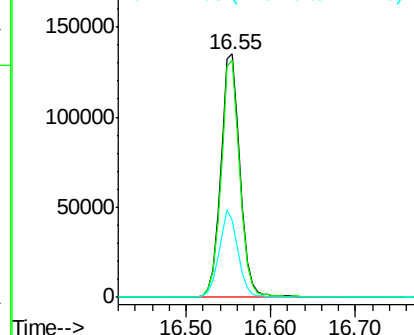
#41
 2,4,6-Tribromophenol
 Concen: 166.94 ng
 RT: 16.55 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BG027789.D
 Acq: 1 Jul 2017 18:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.3	115.9
141	35.2	32.1	48.1

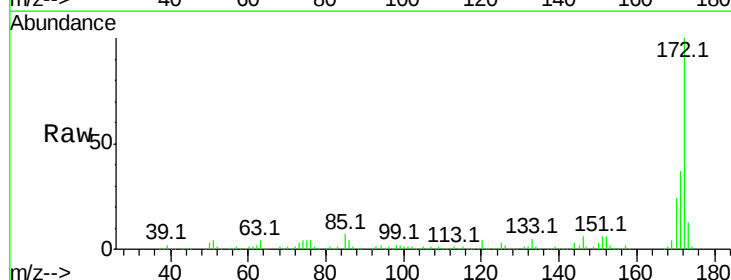


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

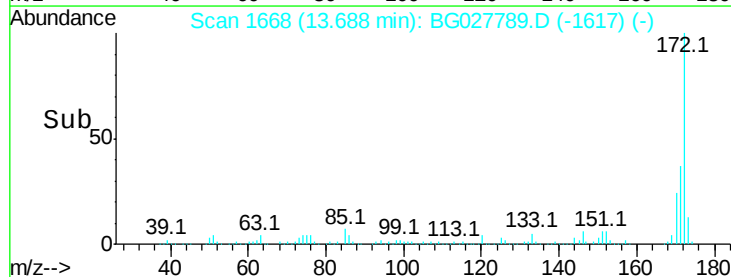
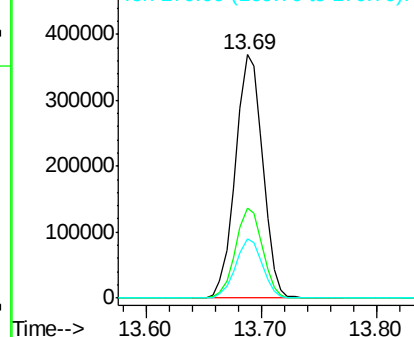


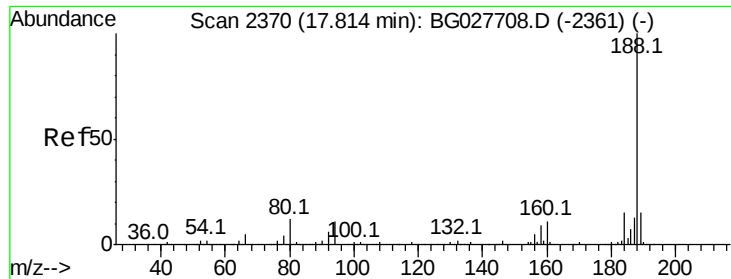
#44
 2-Fluorobiphenyl
 Concen: 91.64 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027789.D
 Acq: 1 Jul 2017 18:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	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

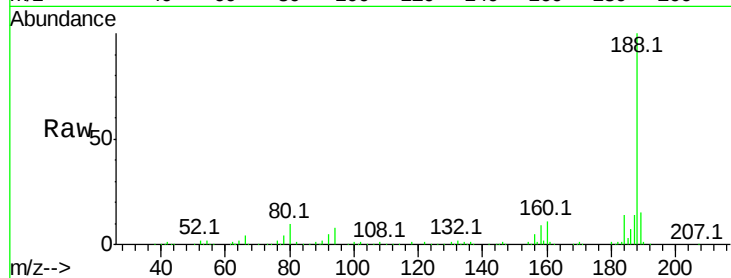




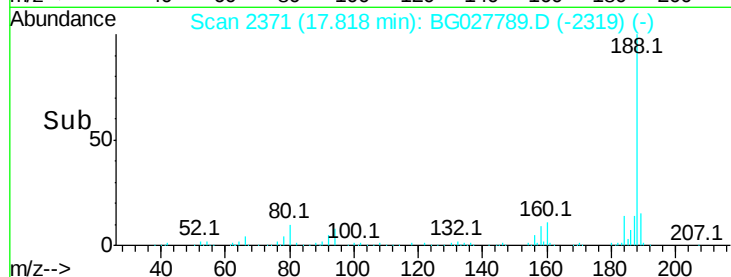
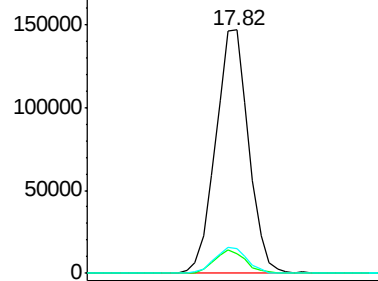
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BG027789.D
Acq: 1 Jul 2017 18:32

Instrument :
BNA_G
ClientSampleId :

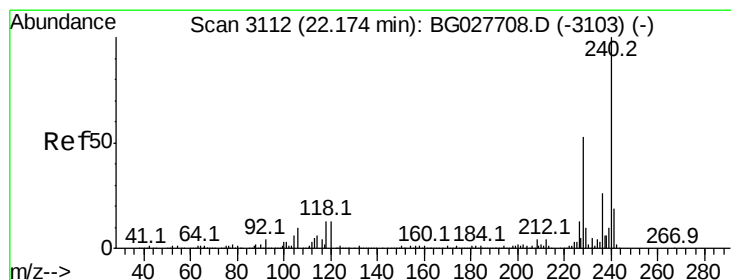
Tot Ion:188 Resp: 239457
Ion Ratio Lower Upper
188 100
94 8.3 5.8 8.8
80 9.9 7.5 11.3



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

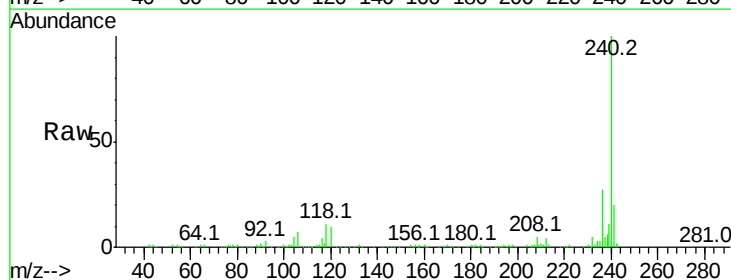


Time-->

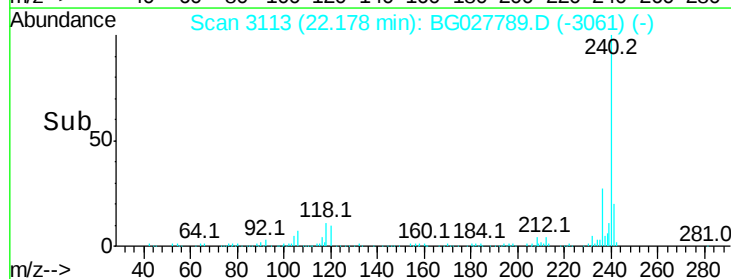
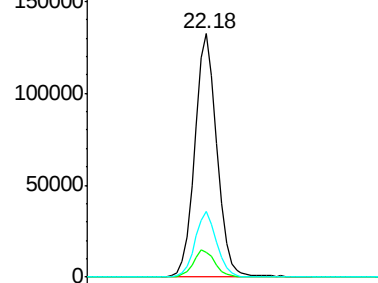


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.18 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BG027789.D
Acq: 1 Jul 2017 18:32

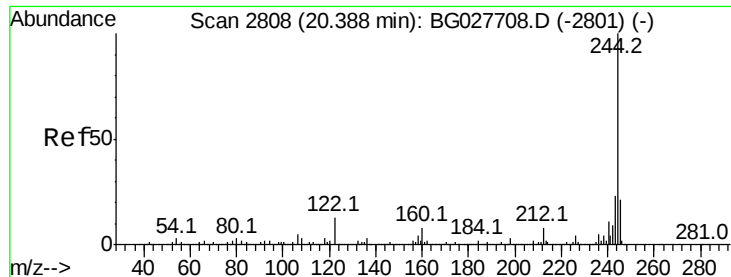
Tgt Ion:240 Resp: 240086
Ion Ratio Lower Upper
240 100
120 10.2 5.7 8.5#
236 26.9 22.2 33.4



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



Time-->



#78

Terphenyl-d14

Concen: 106.30 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG027789.D

Acq: 1 Jul 2017 18:32

Instrument :

BNA_G

ClientSampleId :

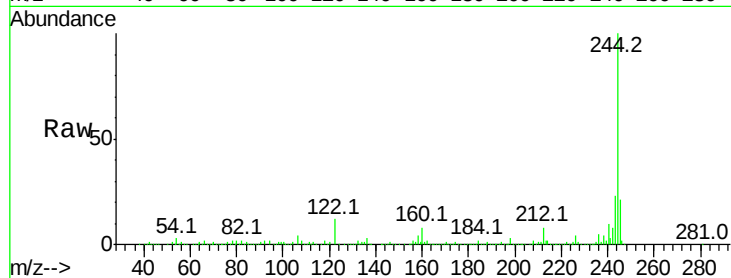
Tot Ion:244 Resp: 1088605

Ion	Ratio	Lower	Upper
244	100		
212	7.7	10.0	15.0#
122	11.7	8.6	12.8

244 100

212 7.7 10.0 15.0#

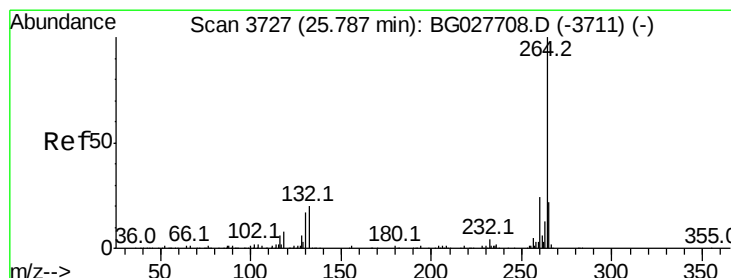
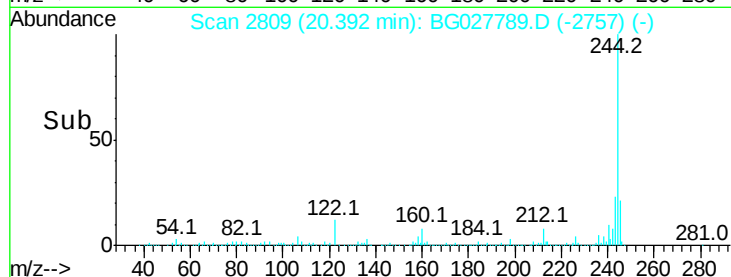
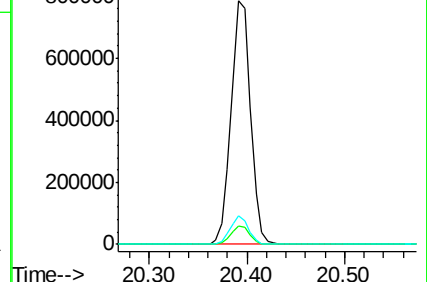
122 11.7 8.6 12.8



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: BG027789.D

Acq: 1 Jul 2017 18:32

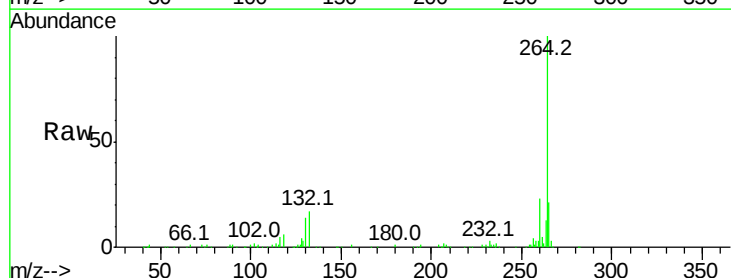
Tgt Ion:264 Resp: 238444

Ion	Ratio	Lower	Upper
264	100		
260	23.0	21.8	32.8
265	21.2	18.2	27.4

264 100

260 23.0 21.8 32.8

265 21.2 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

