

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062917\
 Data File : BG027745.D
 Acq On : 29 Jun 2017 17:54
 Operator : SJ/JU
 Sample : PB100116BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 30 04:36:34 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	30481	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	144452	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	87588	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	253575	20.00	ng	0.00
75) Chrysene-d12	22.17	240	266614	20.00	ng	0.00
86) Perylene-d12	25.78	264	257134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	286526	144.75	ng	0.00
7) Phenol-d6	7.62	99	398365	131.74	ng	0.00
23) Nitrobenzene-d5	9.64	82	231128	89.19	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	193220	160.83	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	577279	94.13	ng	0.00
78) Terphenyl-d14	20.39	244	1161589	102.14	ng	0.00

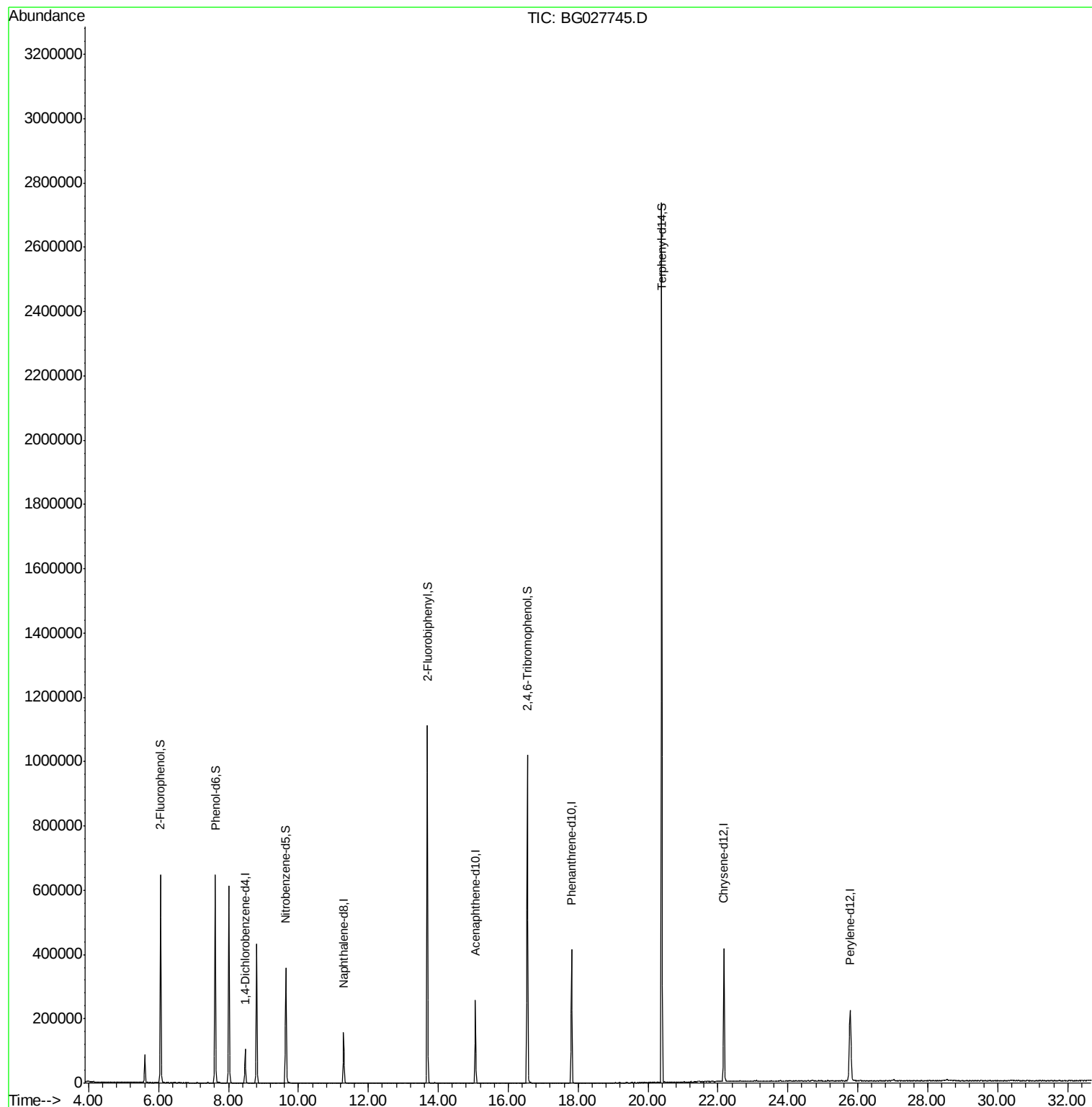
Target Compounds Qvalue

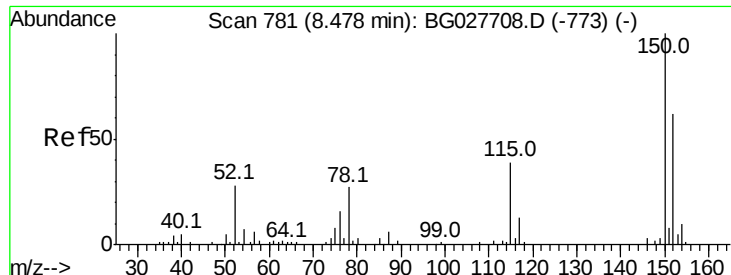
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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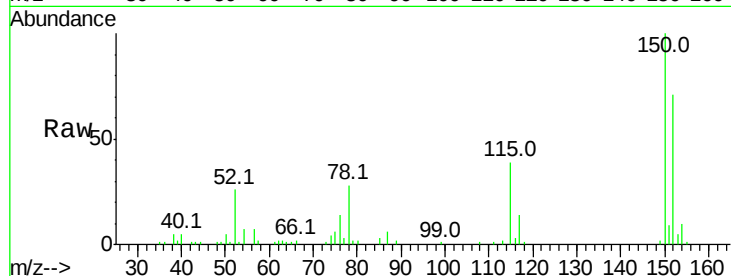


#1

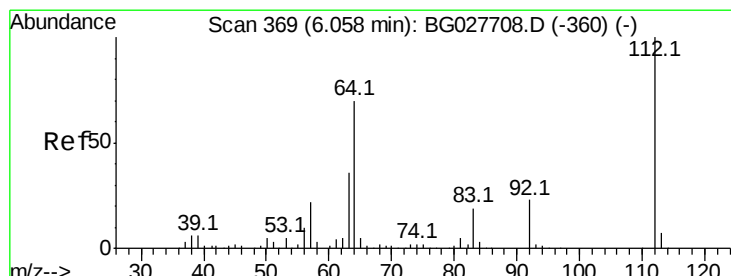
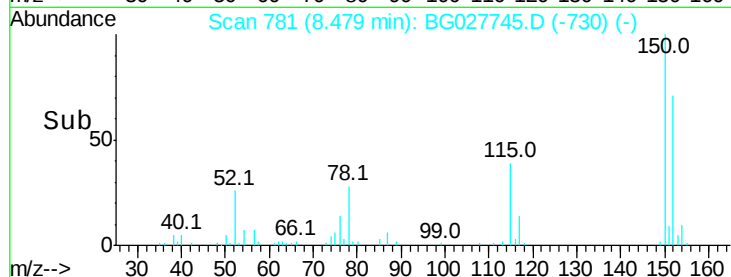
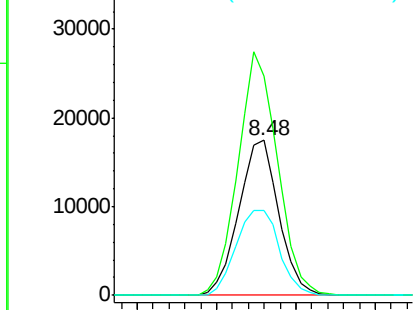
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. 0.00 min
Lab File: BG027745.D
Acq: 29 Jun 2017 17:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 30481
Ion Ratio Lower Upper
152 100
150 141.4 114.0 171.0
115 55.2 48.1 72.1



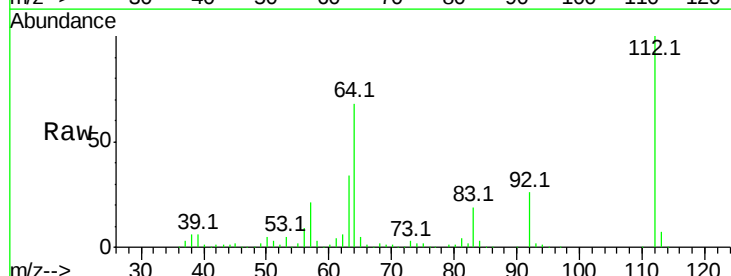
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



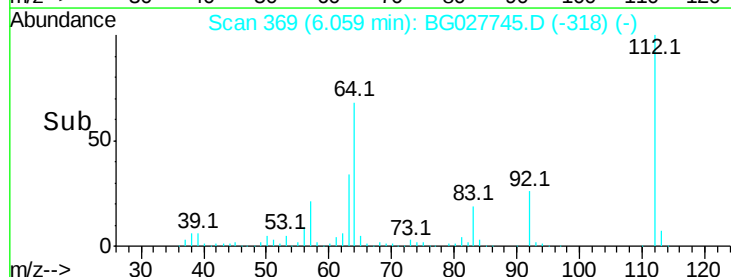
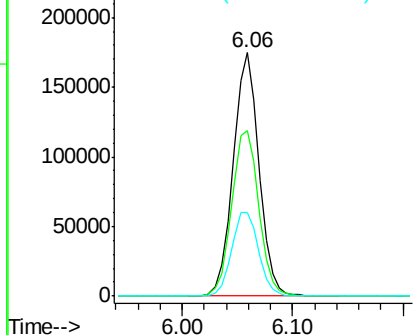
#5

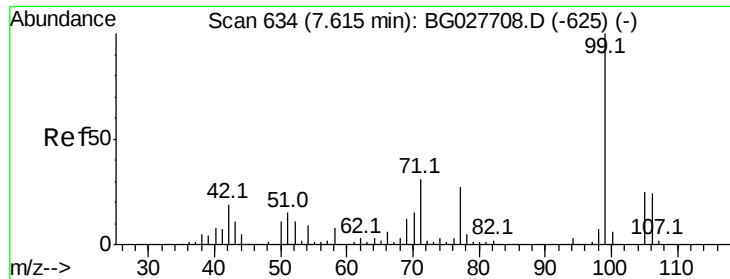
2-Fluorophenol
Concen: 144.75 ng
RT: 6.06 min Scan# 369
Delta R.T. 0.00 min
Lab File: BG027745.D
Acq: 29 Jun 2017 17:54

Tgt Ion:112 Resp: 286526
Ion Ratio Lower Upper
112 100
64 68.2 61.8 92.6
63 34.4 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: 131.74 ng

RT: 7.62 min Scan# 634

Delta R.T. 0.00 min

Lab File: BG027745.D

Acq: 29 Jun 2017 17:54

Instrument :

BNA_G

ClientSampleId :

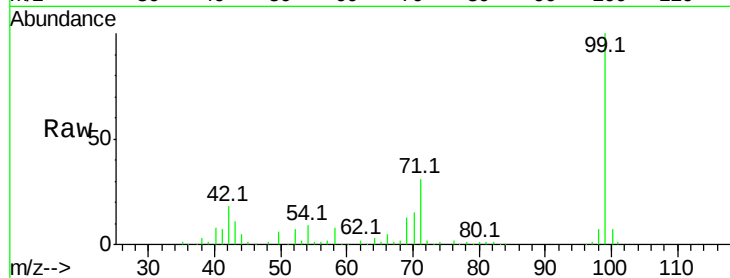
Tot Ion: 99 Resp: 398365

Ion Ratio Lower Upper

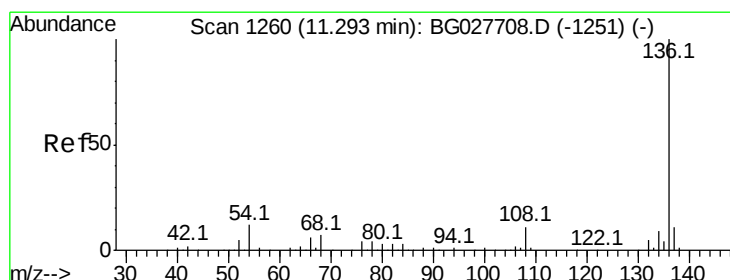
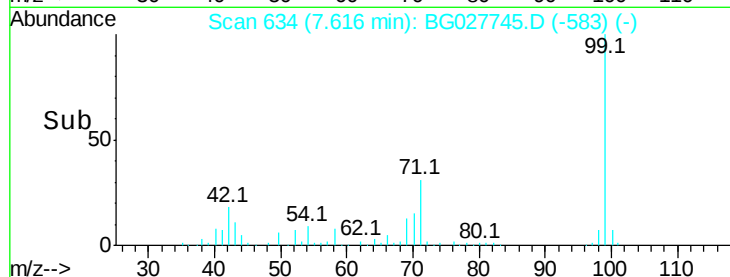
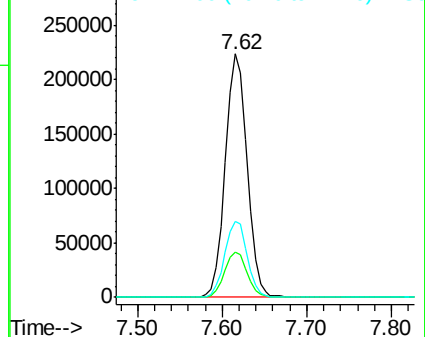
99 100

42 18.4 20.5 30.7#

71 31.3 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: 11.29 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BG027745.D

Acq: 29 Jun 2017 17:54

Tgt Ion: 136 Resp: 144452

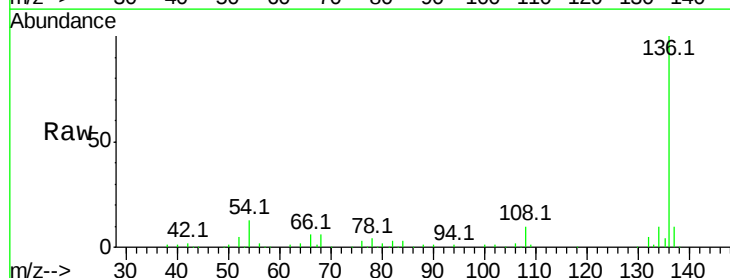
Ion Ratio Lower Upper

136 100

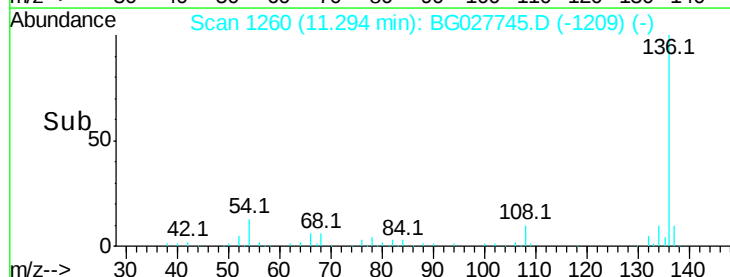
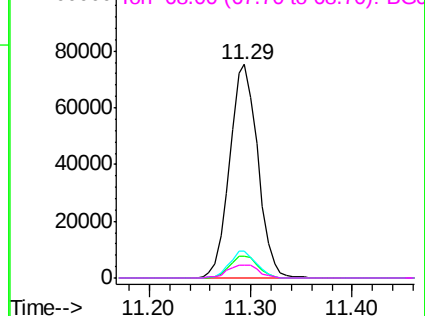
137 10.5 8.9 13.3

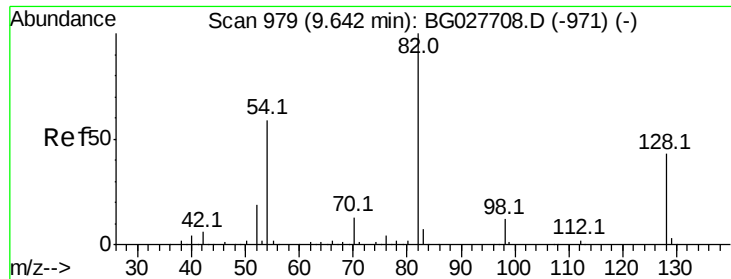
54 12.7 9.3 13.9

68 6.3 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: 89.19 ng

RT: 9.64 min Scan# 979

Delta R.T. 0.00 min

Lab File: BG027745.D

Acq: 29 Jun 2017 17:54

Instrument :

BNA_G

ClientSampleId :

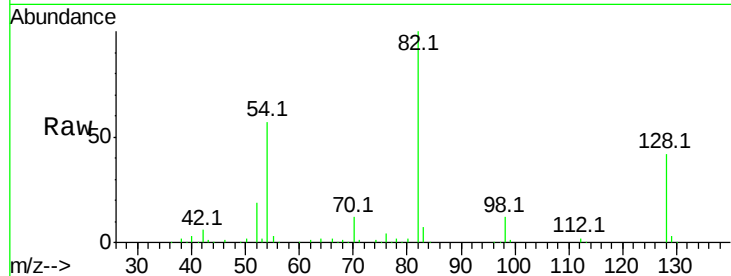
Tot Ion: 82 Resp: 231128

Ion Ratio Lower Upper

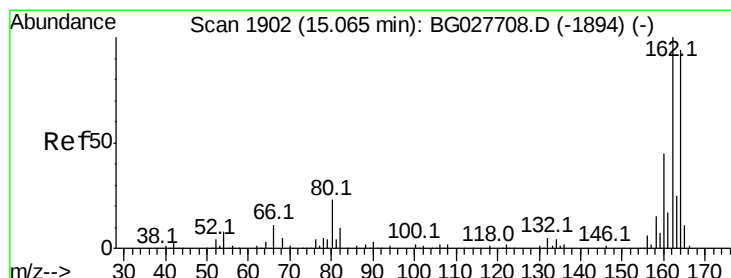
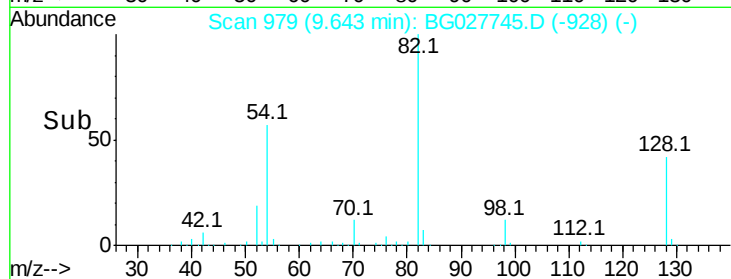
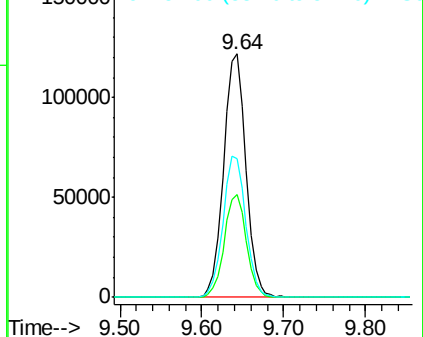
82 100

128 42.4 26.4 39.6#

54 57.2 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# 1901

Delta R.T. -0.00 min

Lab File: BG027745.D

Acq: 29 Jun 2017 17:54

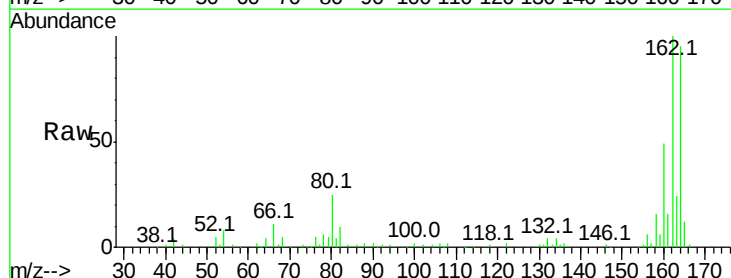
Tgt Ion:164 Resp: 87588

Ion Ratio Lower Upper

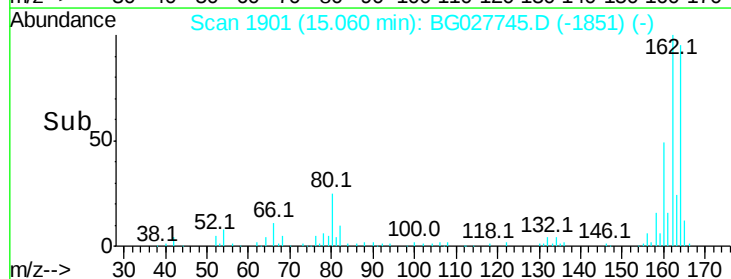
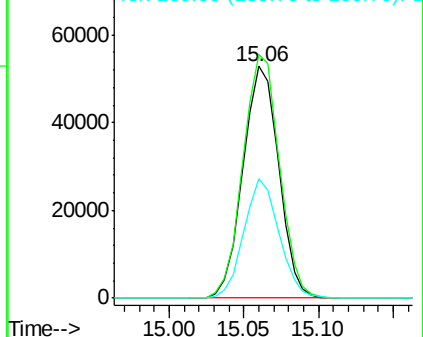
164 100

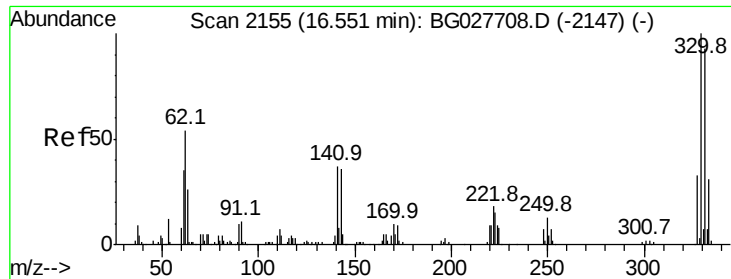
162 105.1 85.1 127.7

160 51.4 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

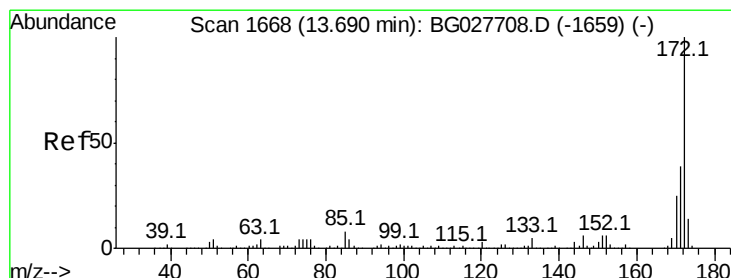
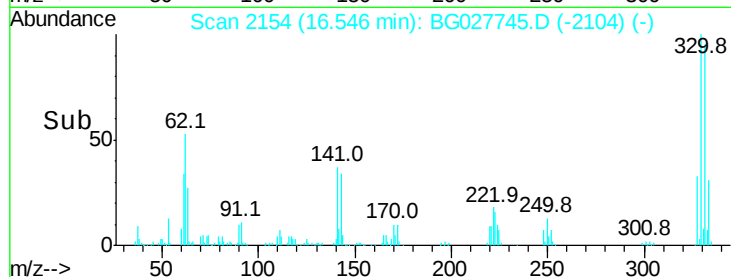
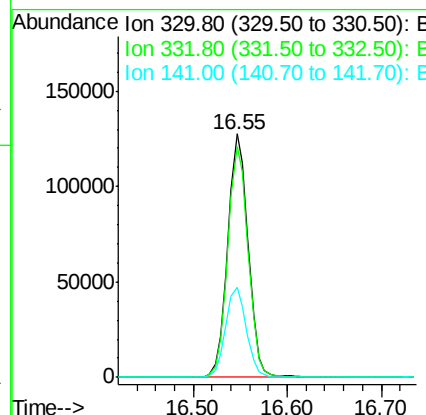
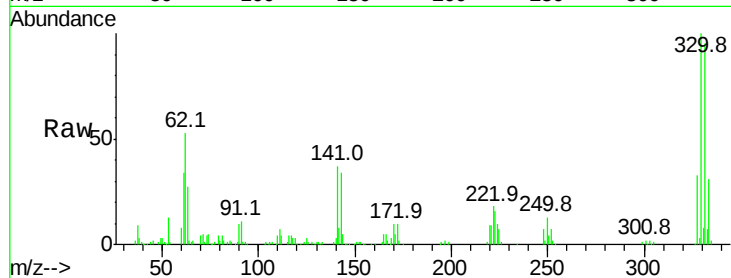




#41
 2,4,6-Tribromophenol
 Concen: 160.83 ng
 RT: 16.55 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG027745.D
 Acq: 29 Jun 2017 17:54

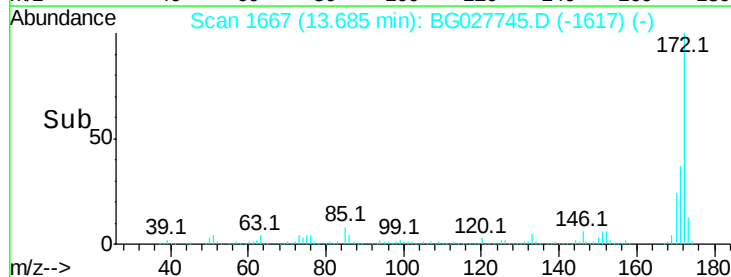
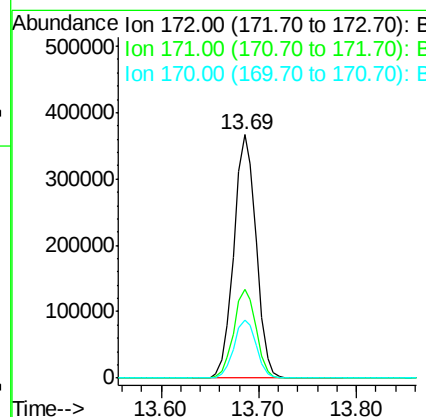
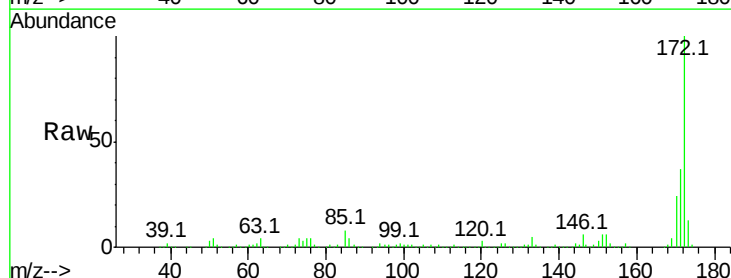
Instrument :
 BNA_G
 ClientSampleId :

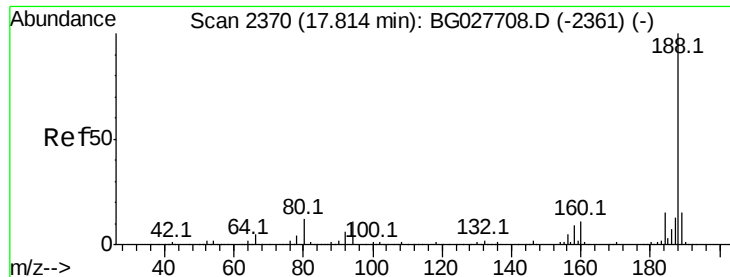
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	37.9	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 94.13 ng
 RT: 13.69 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG027745.D
 Acq: 29 Jun 2017 17:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	32.2	48.2
170	24.0	21.8	32.6

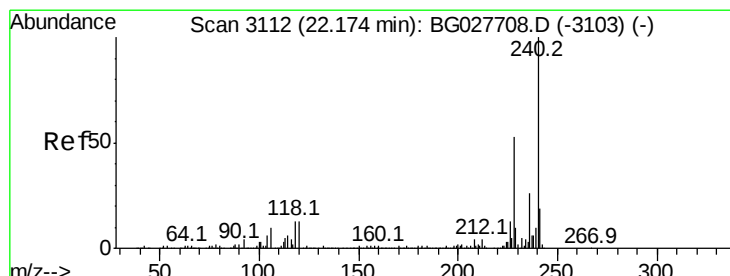
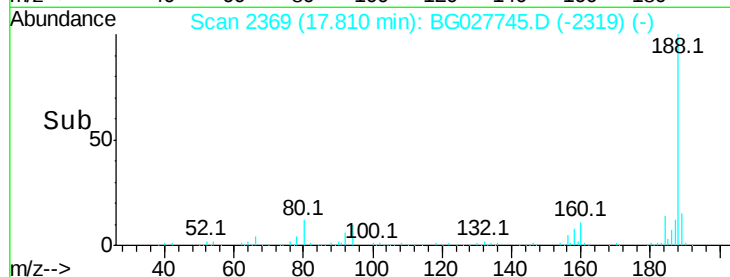
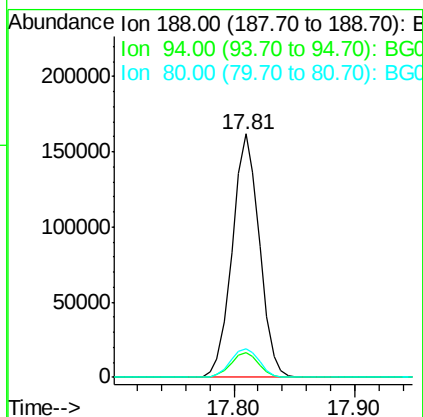
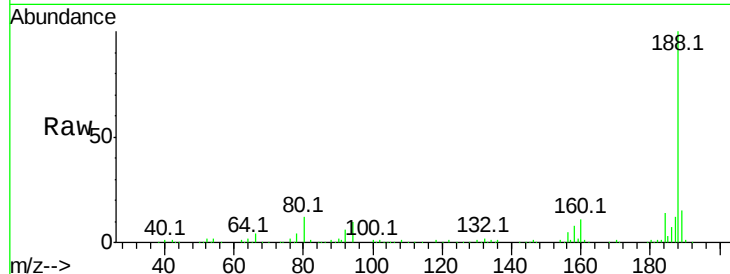




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 2369
Delta R.T. -0.00 min
Lab File: BG027745.D
Acq: 29 Jun 2017 17:54

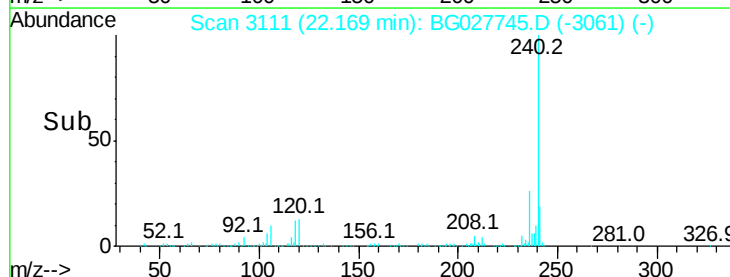
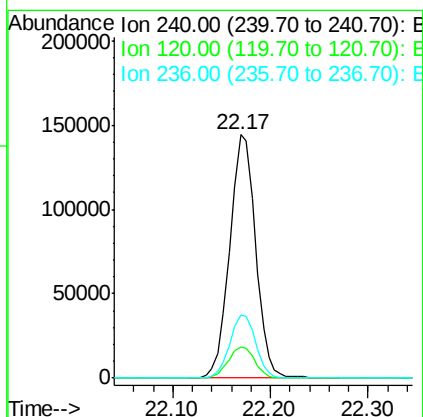
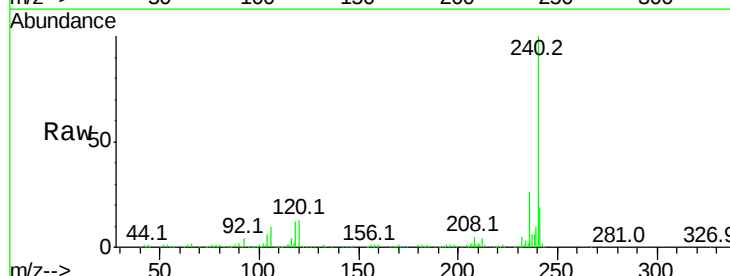
Instrument :
BNA_G
ClientSampleId :

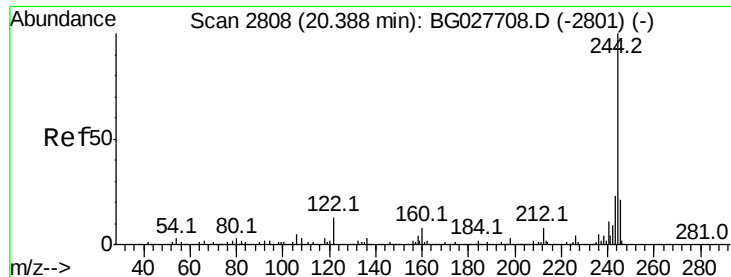
Tot Ion:188 Resp: 253575
Ion Ratio Lower Upper
188 100
94 10.0 5.8 8.8#
80 11.8 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.17 min Scan# 3111
Delta R.T. -0.00 min
Lab File: BG027745.D
Acq: 29 Jun 2017 17:54

Tgt Ion:240 Resp: 266614
Ion Ratio Lower Upper
240 100
120 12.7 5.7 8.5#
236 25.8 22.2 33.4





#78

Terphenyl-d14

Concen: 102.14 ng

RT: 20.39 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BG027745.D

Acq: 29 Jun 2017 17:54

Instrument :

BNA_G

ClientSampleId :

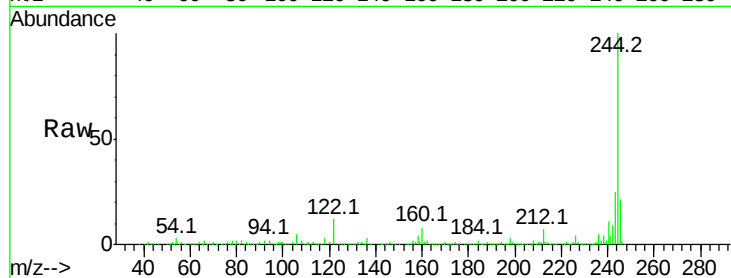
Tot Ion:244 Resp: 1161589

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

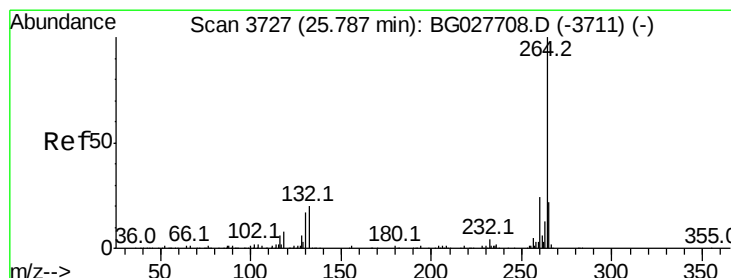
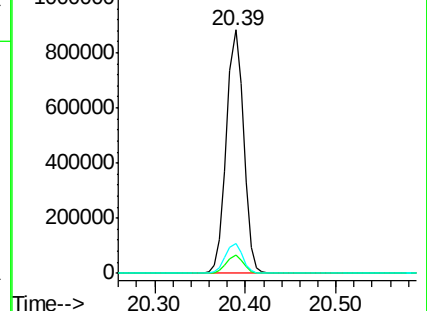
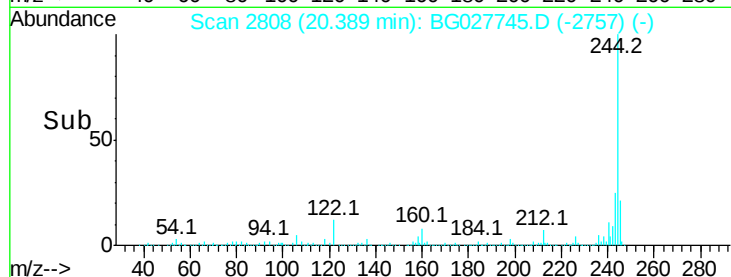
122 12.1 8.6 12.8



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: 25.78 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG027745.D

Acq: 29 Jun 2017 17:54

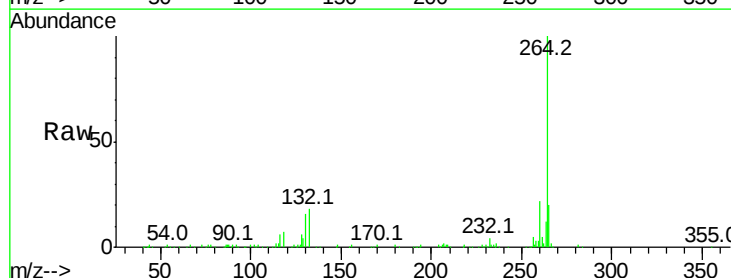
Tgt Ion:264 Resp: 257134

Ion Ratio Lower Upper

264 100

260 22.3 21.8 32.8

265 20.3 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

