

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062917\
 Data File : BG027743.D
 Acq On : 29 Jun 2017 16:35
 Operator : SJ/JU
 Sample : PB100228BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 30 04:35:44 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	31926	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	150840	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	92340	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	254631	20.00	ng	0.00
75) Chrysene-d12	22.17	240	263263	20.00	ng	0.00
86) Perylene-d12	25.79	264	258034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	297125	143.31	ng	0.00
7) Phenol-d6	7.62	99	414026	130.72	ng	0.01
23) Nitrobenzene-d5	9.65	82	235414	86.99	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	195104	154.04	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	593882	91.85	ng	0.00
78) Terphenyl-d14	20.39	244	1147593	102.19	ng	0.00

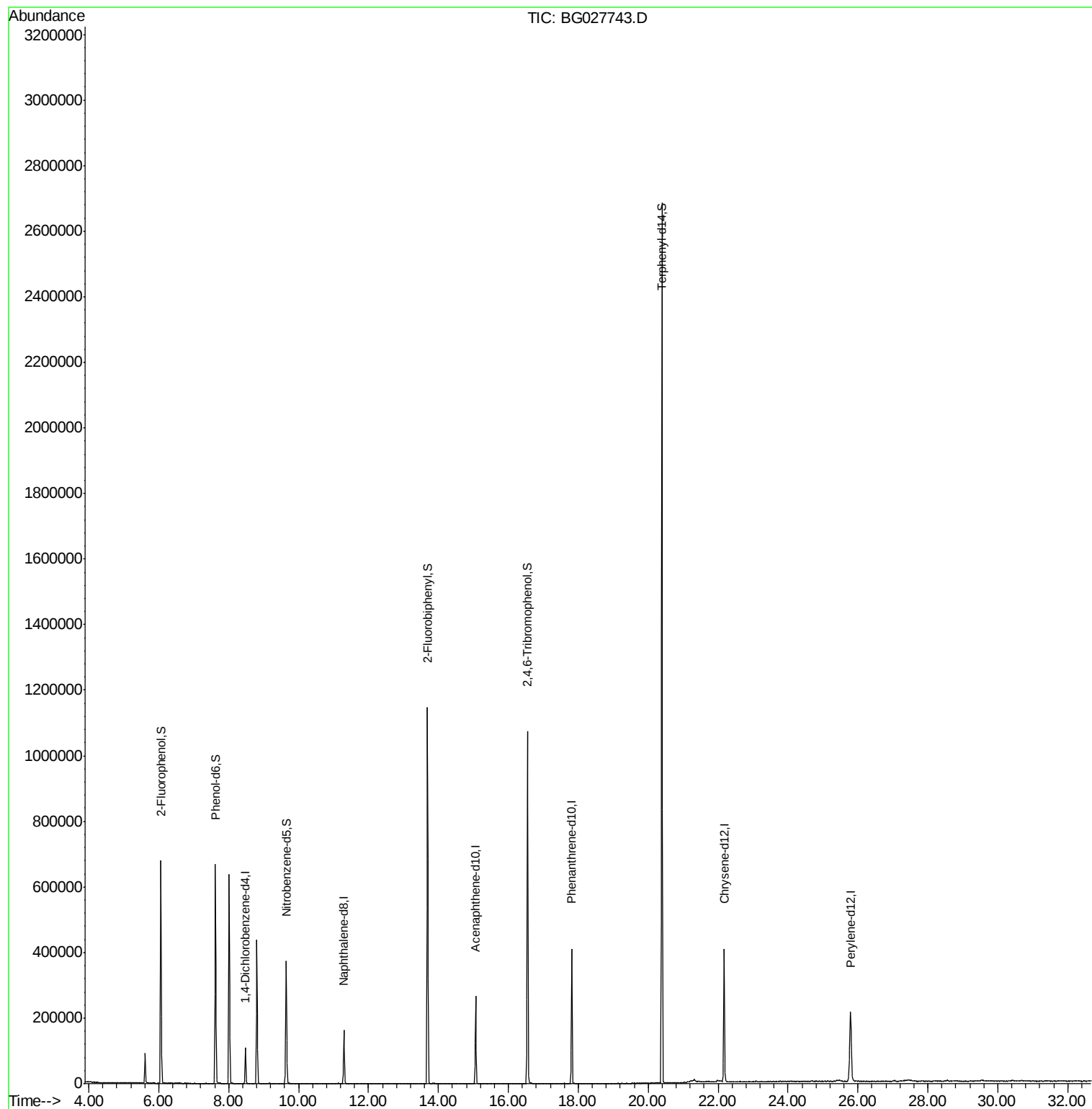
Target Compounds Qvalue

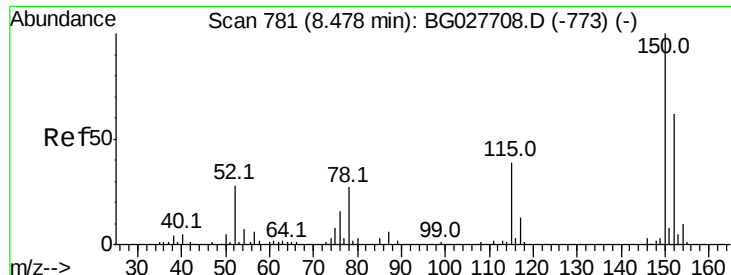
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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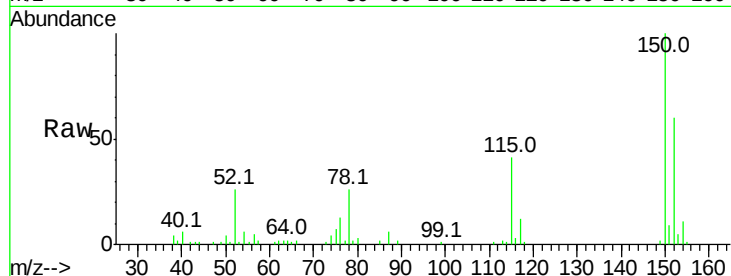


#1

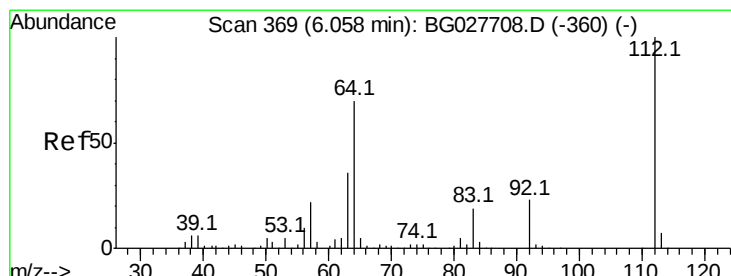
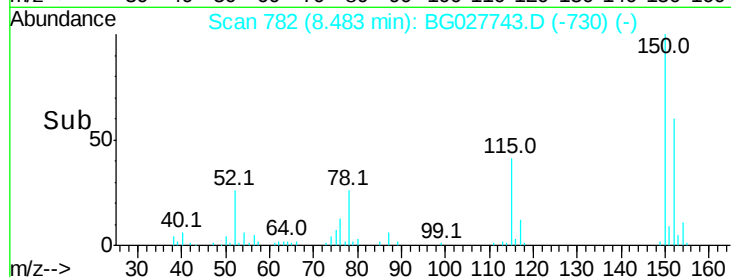
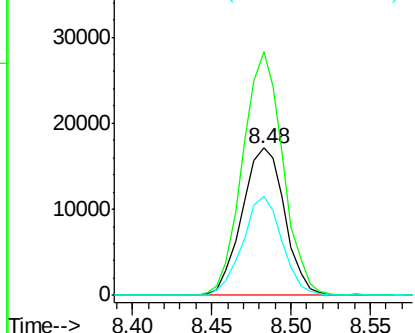
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 782
Delta R.T. 0.00 min
Lab File: BG027743.D
Acq: 29 Jun 2017 16:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31926
Ion Ratio Lower Upper
152 100
150 165.5 114.0 171.0
115 67.3 48.1 72.1



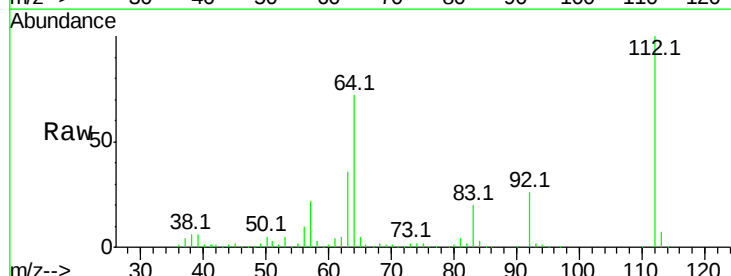
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



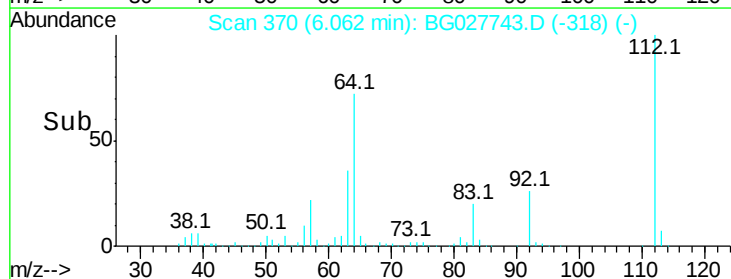
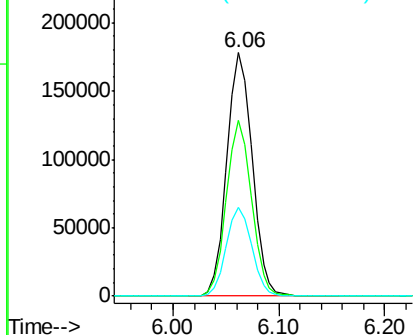
#5

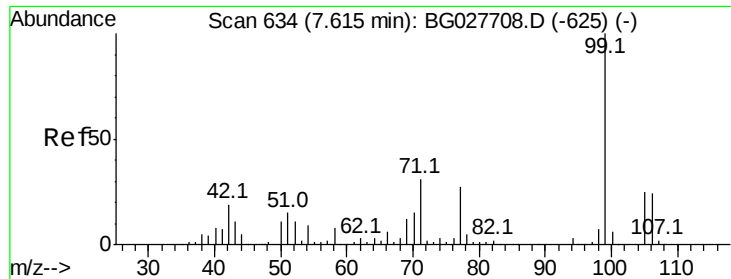
2-Fluorophenol
Concen: 143.31 ng
RT: 6.06 min Scan# 370
Delta R.T. 0.00 min
Lab File: BG027743.D
Acq: 29 Jun 2017 16:35

Tgt Ion:112 Resp: 297125
Ion Ratio Lower Upper
112 100
64 72.3 61.8 92.6
63 36.4 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: 130.72 ng

RT: 7.62 min Scan# 636

Delta R.T. 0.01 min

Lab File: BG027743.D

Acq: 29 Jun 2017 16:35

Instrument :

BNA_G

ClientSampleId :

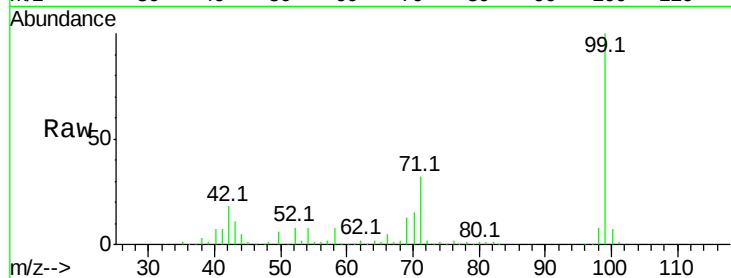
Tot Ion: 99 Resp: 414026

Ion Ratio Lower Upper

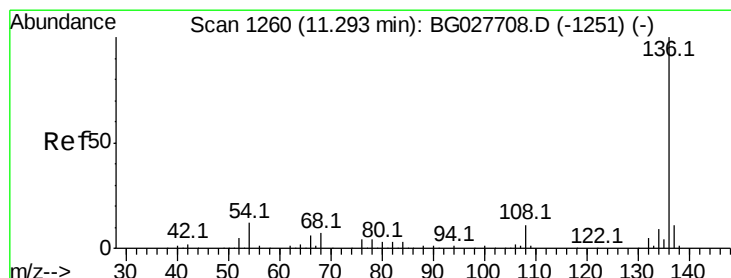
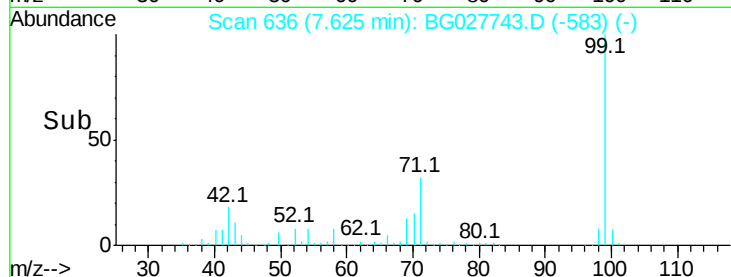
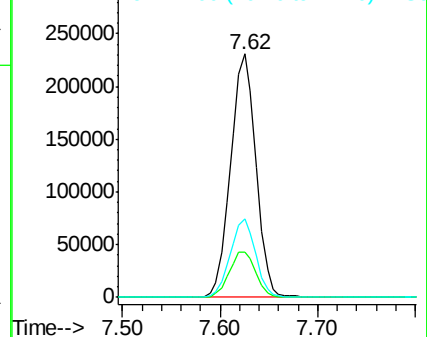
99 100

42 18.4 20.5 30.7#

71 32.4 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: BG027743.D

Acq: 29 Jun 2017 16:35

Tgt Ion: 136 Resp: 150840

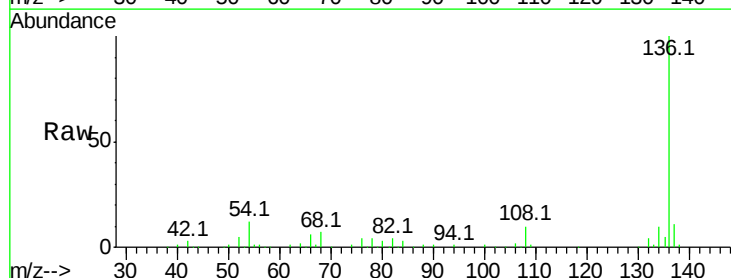
Ion Ratio Lower Upper

136 100

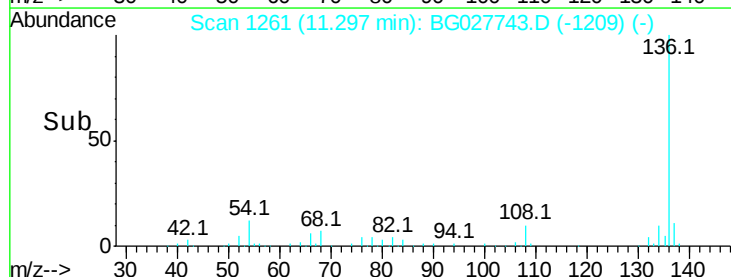
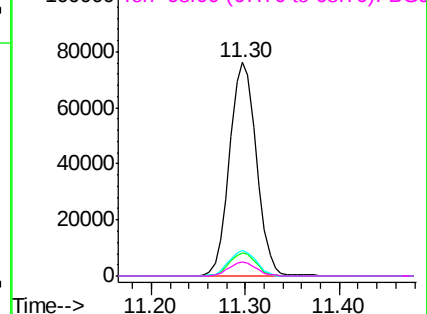
137 11.0 8.9 13.3

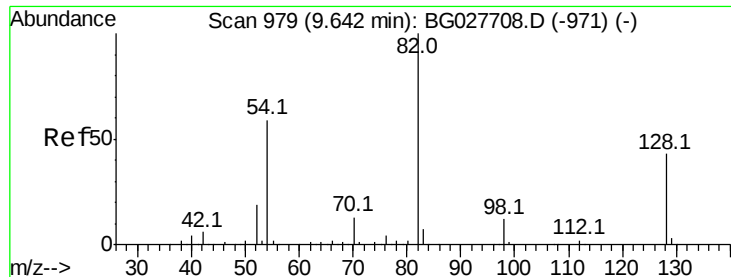
54 12.2 9.3 13.9

68 6.6 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

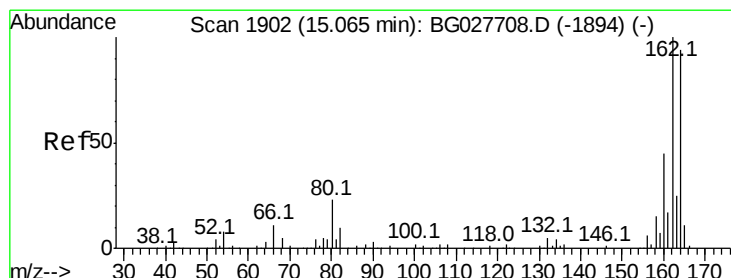
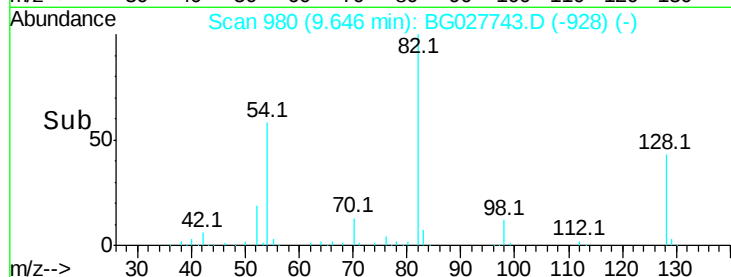
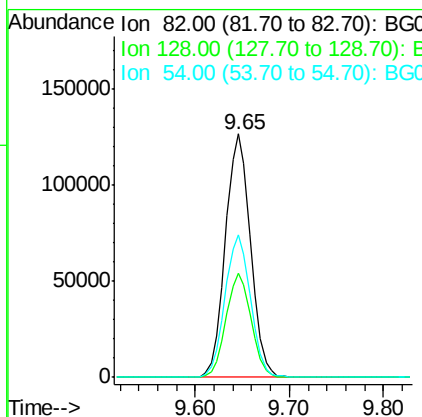
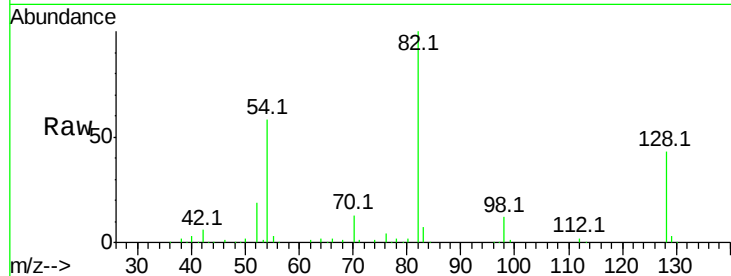




#23
Nitrobenzene-d5
Concen: 86.99 ng
RT: 9.65 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG027743.D
Acq: 29 Jun 2017 16:35

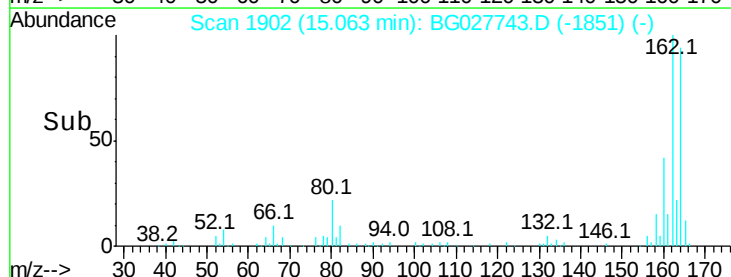
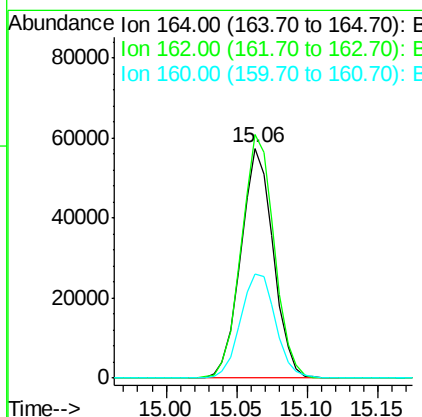
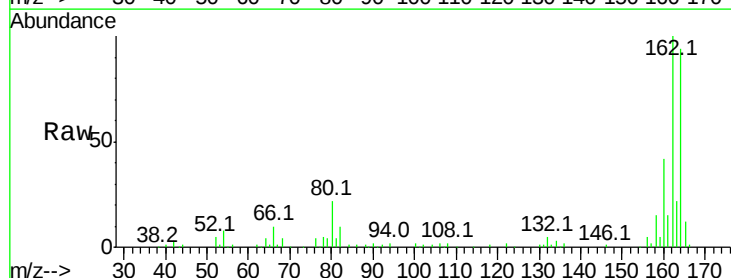
Instrument :
BNA_G
ClientSampleId :

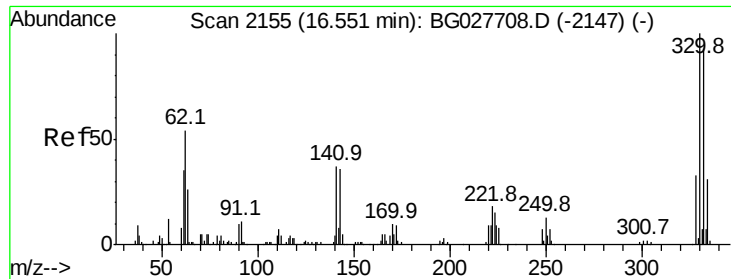
Tot Ion: 82 Resp: 235414
Ion Ratio Lower Upper
82 100
128 42.5 26.4 39.6#
54 58.4 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.06 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG027743.D
Acq: 29 Jun 2017 16:35

Tgt Ion:164 Resp: 92340
Ion Ratio Lower Upper
164 100
162 105.9 85.1 127.7
160 45.0 34.7 52.1

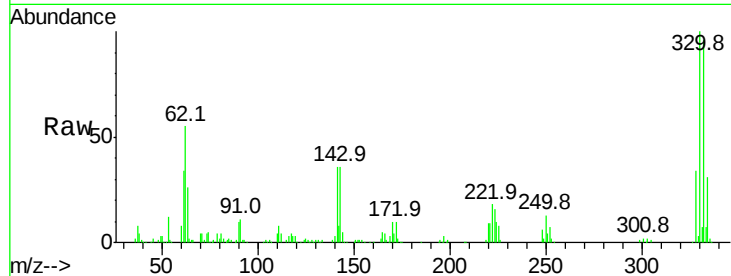




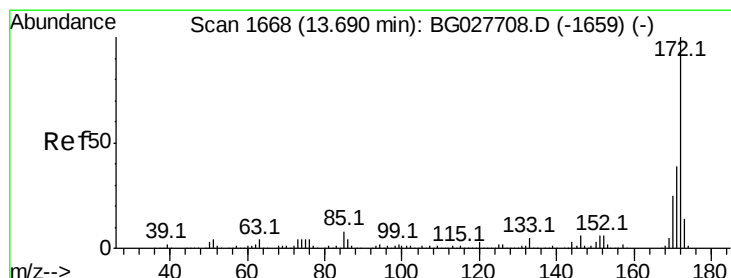
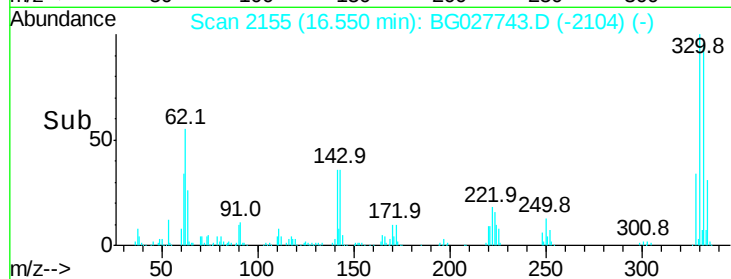
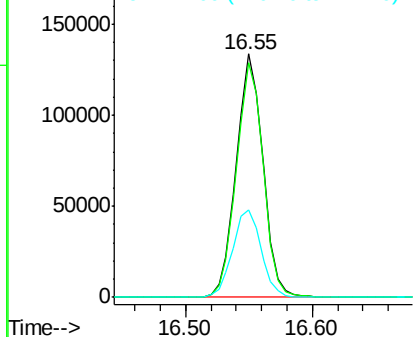
#41
 2,4,6-Tribromophenol
 Concen: 154.04 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027743.D
 Acq: 29 Jun 2017 16:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	38.5	32.1	48.1

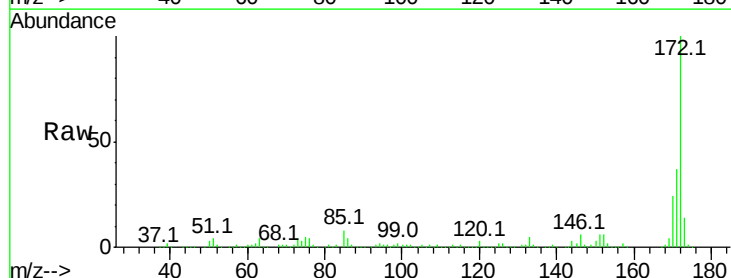


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

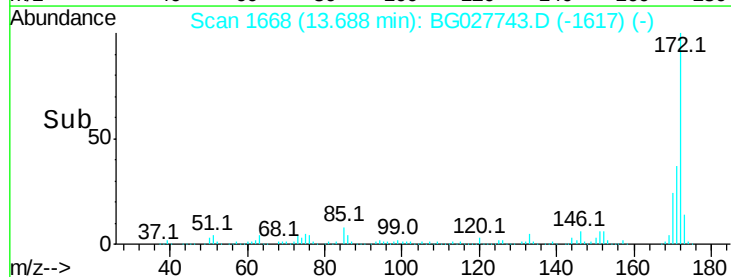
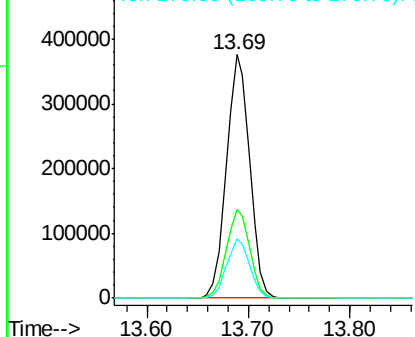


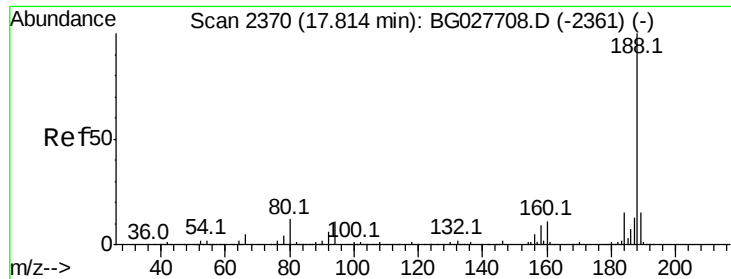
#44
 2-Fluorobiphenyl
 Concen: 91.85 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027743.D
 Acq: 29 Jun 2017 16:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	32.2	48.2
170	24.4	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: 17.81 min Scan# 2370

Delta R.T. -0.00 min

Lab File: BG027743.D

Acq: 29 Jun 2017 16:35

Instrument :

BNA_G

ClientSampleId :

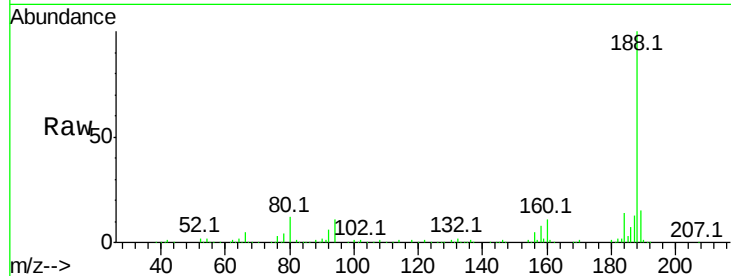
Tot Ion:188 Resp: 254631

Ion Ratio Lower Upper

188 100

94 10.8 5.8 8.8#

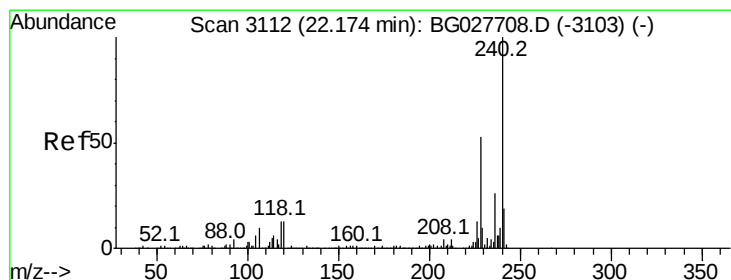
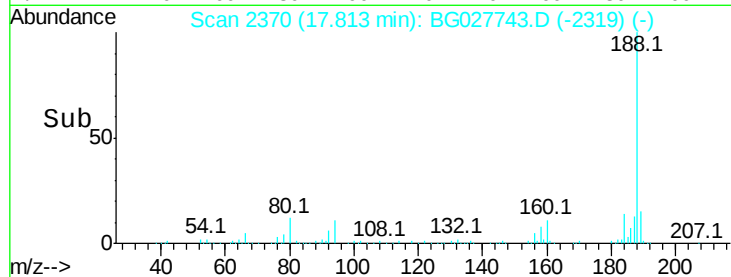
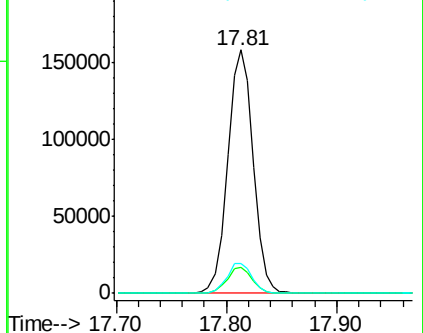
80 12.2 7.5 11.3#



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: 22.17 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BG027743.D

Acq: 29 Jun 2017 16:35

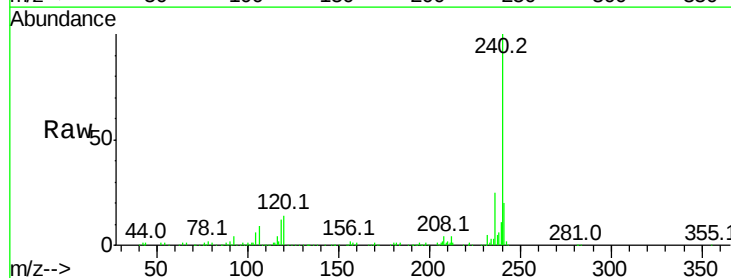
Tgt Ion:240 Resp: 263263

Ion Ratio Lower Upper

240 100

120 13.9 5.7 8.5#

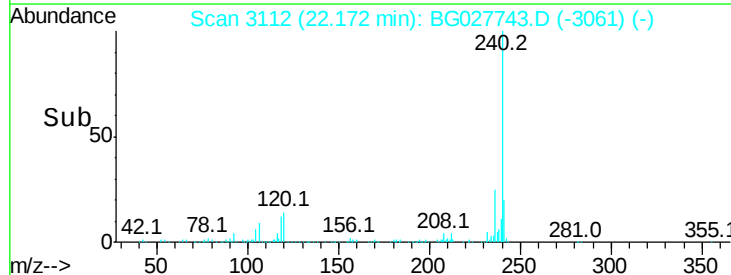
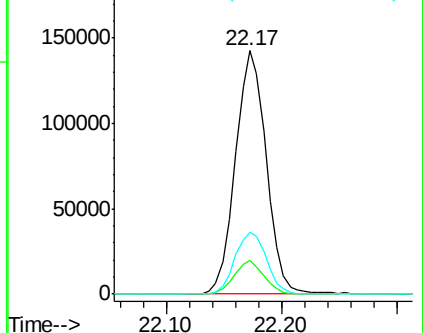
236 25.4 22.2 33.4

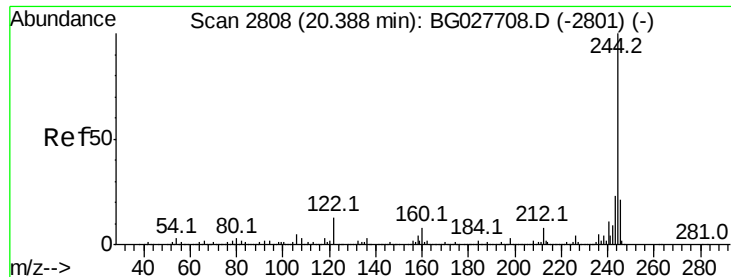


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 102.19 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG027743.D

Acq: 29 Jun 2017 16:35

Instrument :

BNA_G

ClientSampled :

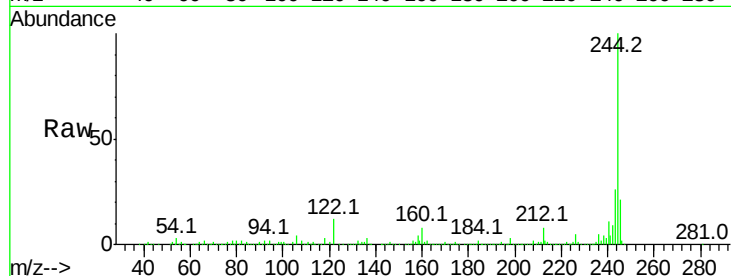
Tot Ion:244 Resp: 1147593

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

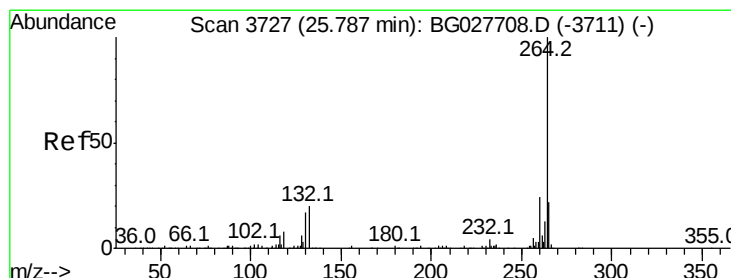
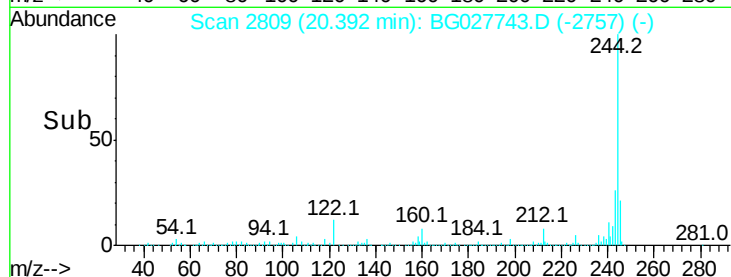
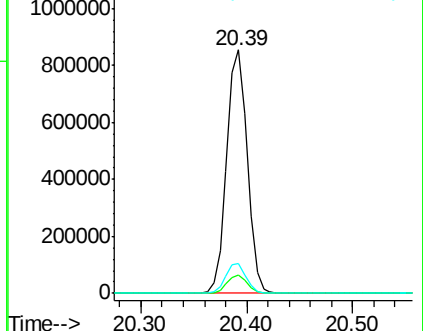
122 12.3 8.6 12.8



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# 3727

Delta R.T. -0.00 min

Lab File: BG027743.D

Acq: 29 Jun 2017 16:35

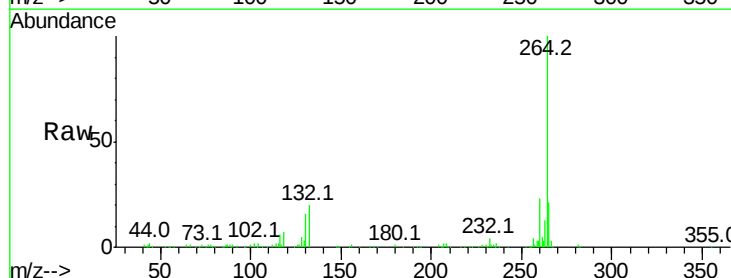
Tgt Ion:264 Resp: 258034

Ion Ratio Lower Upper

264 100

260 22.7 21.8 32.8

265 21.0 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

