

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071017\
 Data File : BG027906.D
 Acq On : 11 Jul 2017 3:22
 Operator : SJ/JU
 Sample : I4078-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 11 07:05:18 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	37860	20.00	ng	-0.01
21) Naphthalene-d8	11.24	136	165540	20.00	ng	-0.01
38) Acenaphthene-d10	15.01	164	97447	20.00	ng	-0.02
63) Phenanthrene-d10	17.76	188	284327	20.00	ng	-0.02
75) Chrysene-d12	22.10	240	294983	20.00	ng	-0.02
86) Perylene-d12	25.67	264	286834	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	336222	136.75	ng	0.00
7) Phenol-d6	7.56	99	418817	111.51	ng	-0.01
23) Nitrobenzene-d5	9.58	82	244066	82.18	ng	-0.02
41) 2,4,6-Tribromophenol	16.50	330	290090	217.04	ng	-0.02
44) 2-Fluorobiphenyl	13.63	172	668342	97.95	ng	-0.02
78) Terphenyl-d14	20.34	244	1547589	122.99	ng	-0.01

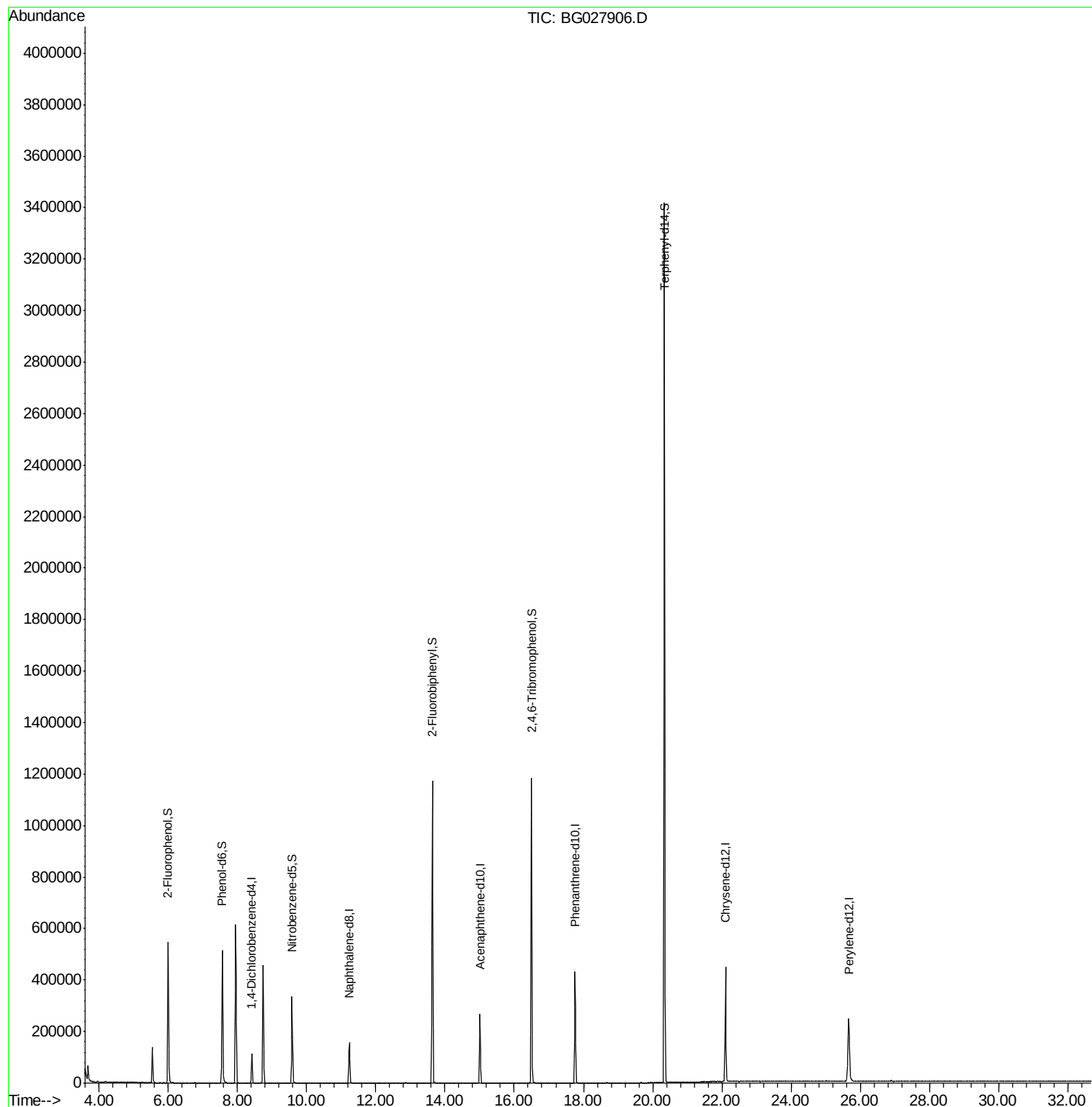
Target Compounds Qvalue

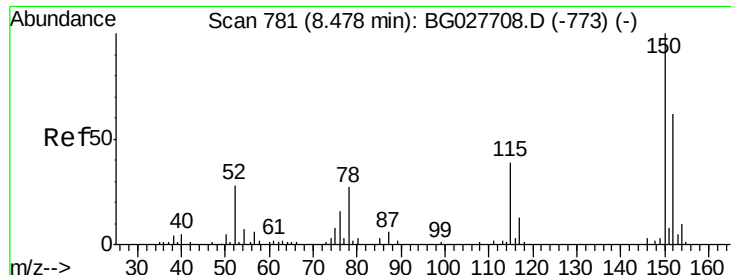
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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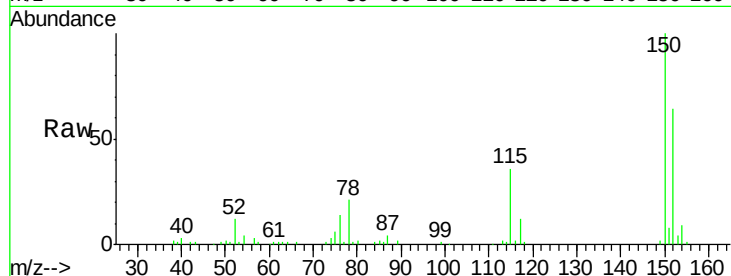


#1

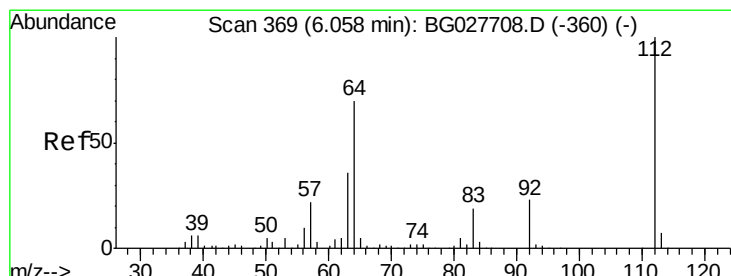
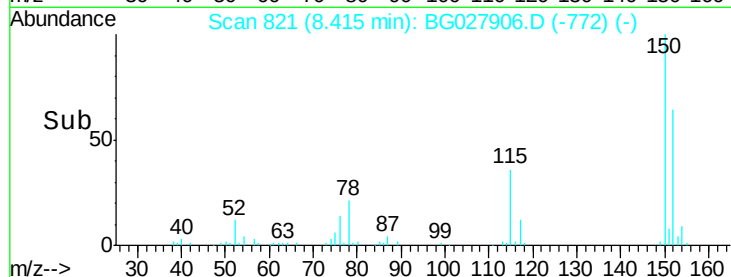
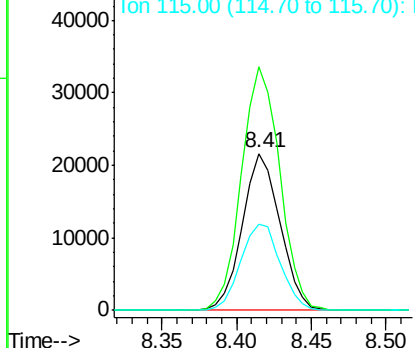
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.41 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG027906.D
Acq: 11 Jul 2017 3:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 37860
Ion Ratio Lower Upper
152 100
150 155.1 114.0 171.0
115 55.3 48.1 72.1



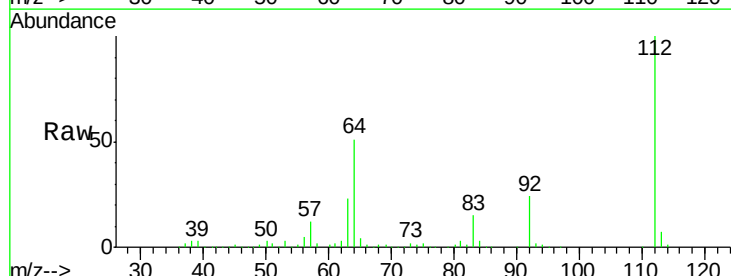
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



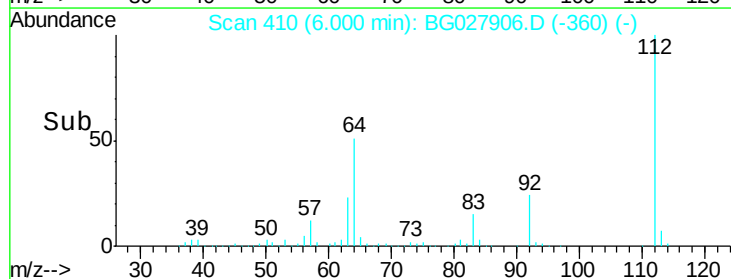
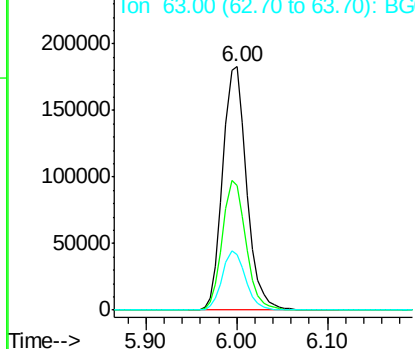
#5

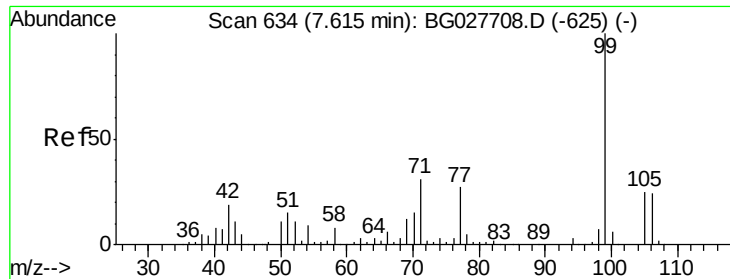
2-Fluorophenol
Concen: 136.75 ng
RT: 6.00 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG027906.D
Acq: 11 Jul 2017 3:22

Tgt Ion:112 Resp: 336222
Ion Ratio Lower Upper
112 100
64 51.3 61.8 92.6#
63 22.9 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 111.51 ng

RT: 7.56 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG027906.D

Acq: 11 Jul 2017 3:22

Instrument :

BNA_G

ClientSampleId :

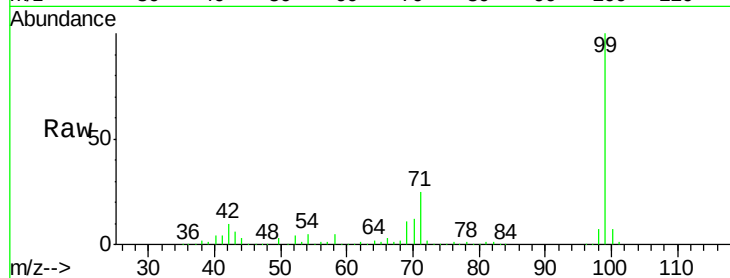
Tot Ion: 99 Resp: 418817

Ion Ratio Lower Upper

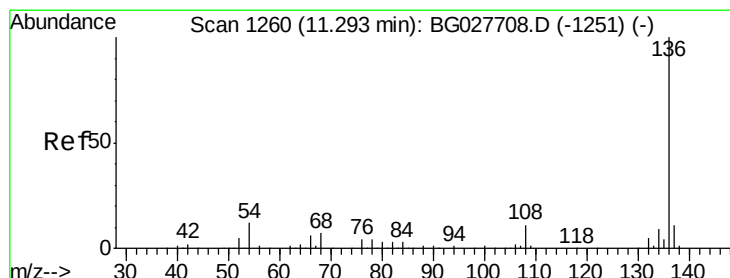
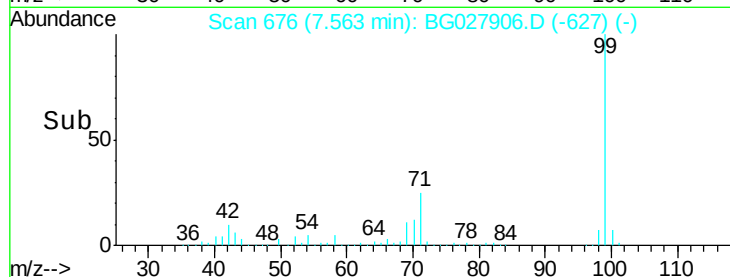
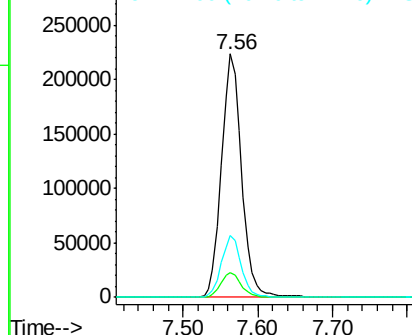
99 100

42 10.1 20.5 30.7#

71 25.3 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: 11.24 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BG027906.D

Acq: 11 Jul 2017 3:22

Tgt Ion: 136 Resp: 165540

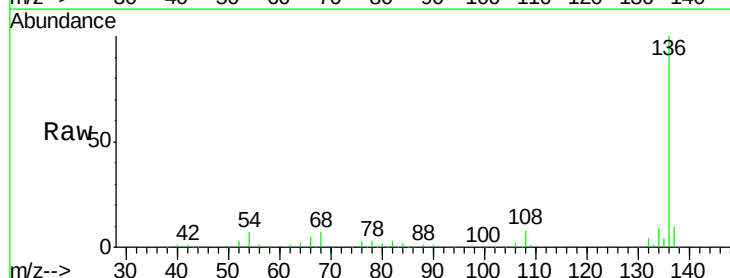
Ion Ratio Lower Upper

136 100

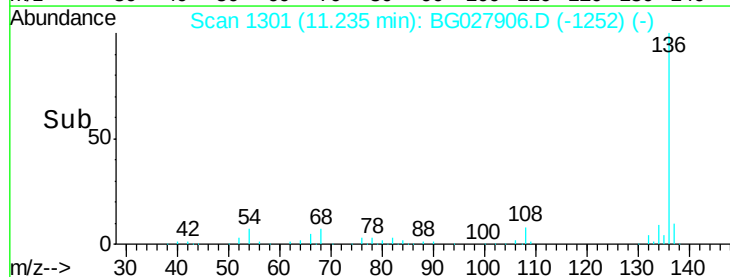
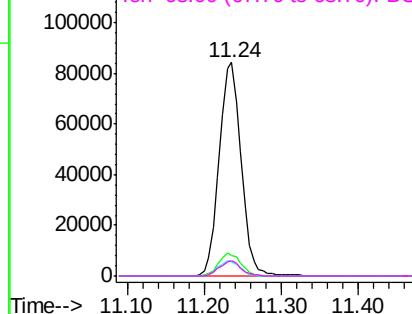
137 9.8 8.9 13.3

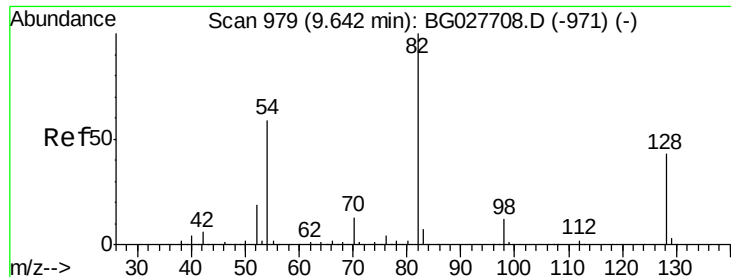
54 6.8 9.3 13.9#

68 7.4 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

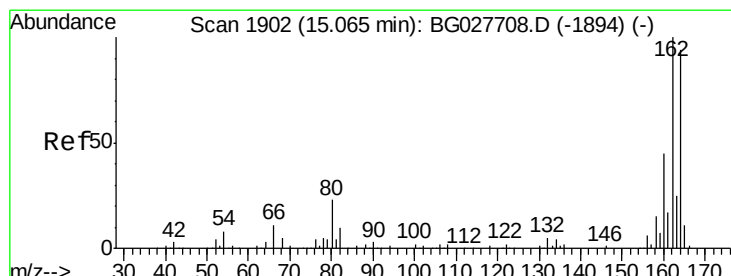
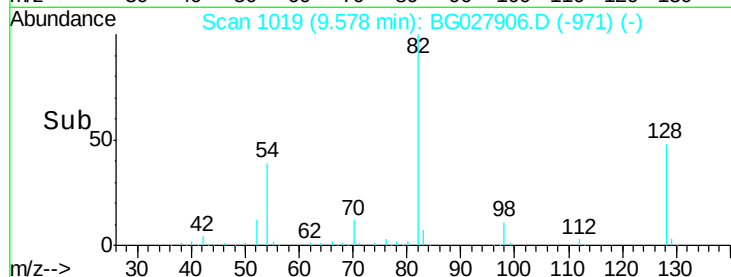
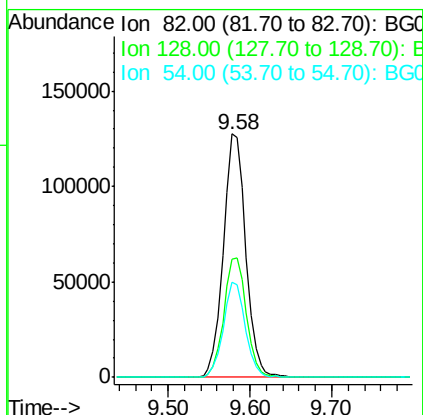
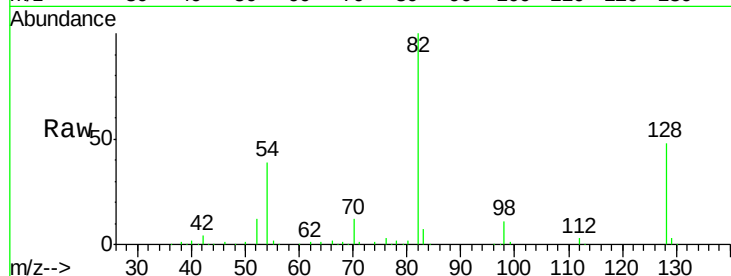




#23
 Nitrobenzene-d5
 Concen: 82.18 ng
 RT: 9.58 min Scan# 1019
 Delta R.T. -0.02 min
 Lab File: BG027906.D
 Acq: 11 Jul 2017 3:22

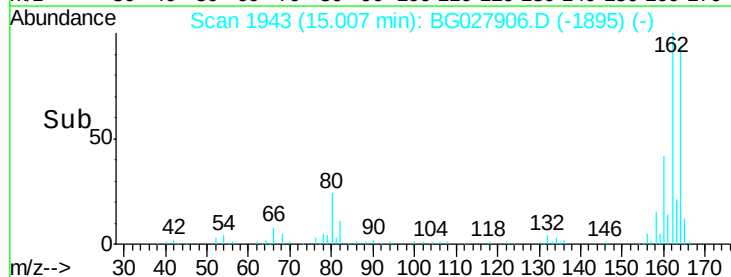
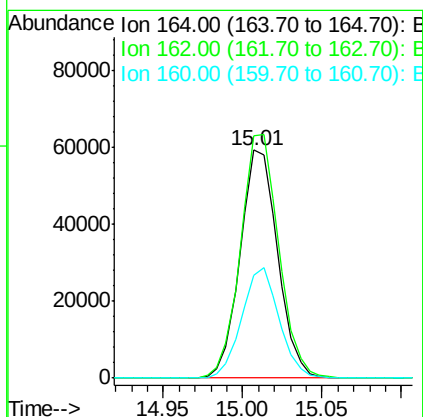
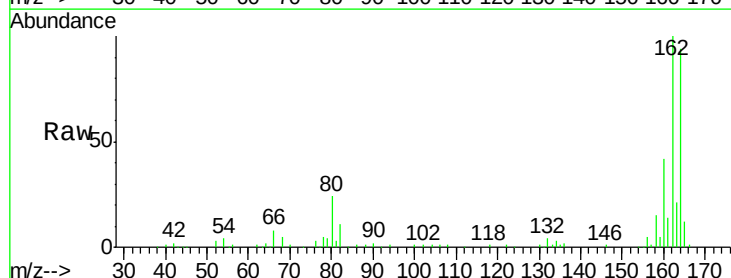
Instrument :
 BNA_G
 ClientSampleId :

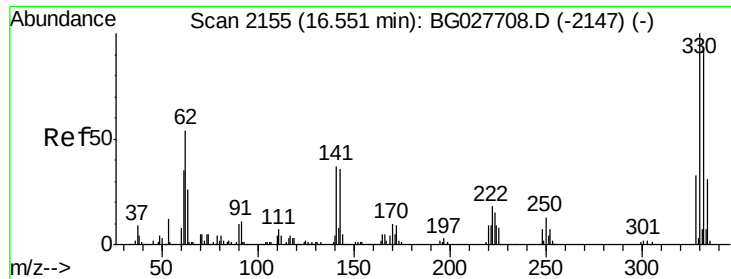
Tot Ion: 82 Resp: 244066
 Ion Ratio Lower Upper
 82 100
 128 48.4 26.4 39.6#
 54 39.0 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1943
 Delta R.T. -0.02 min
 Lab File: BG027906.D
 Acq: 11 Jul 2017 3:22

Tgt Ion:164 Resp: 97447
 Ion Ratio Lower Upper
 164 100
 162 106.5 85.1 127.7
 160 45.2 34.7 52.1

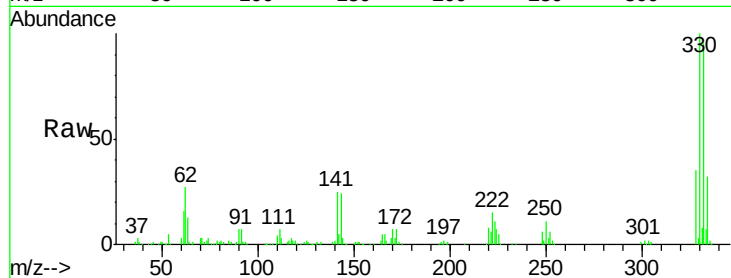




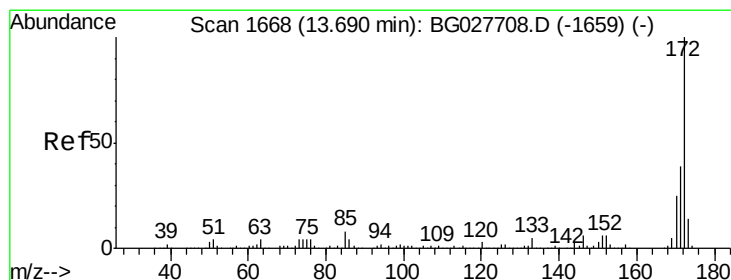
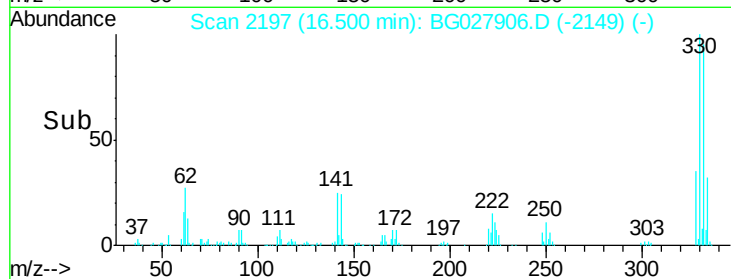
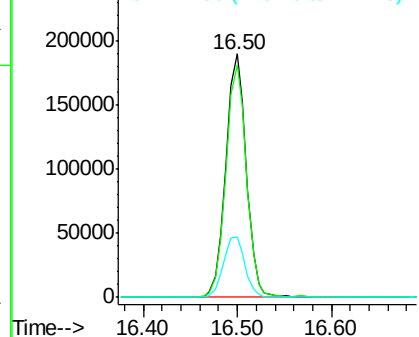
#41
 2,4,6-Tribromophenol
 Concen: 217.04 ng
 RT: 16.50 min Scan# 2197
 Delta R.T. -0.02 min
 Lab File: BG027906.D
 Acq: 11 Jul 2017 3:22

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	26.4	32.1	48.1#

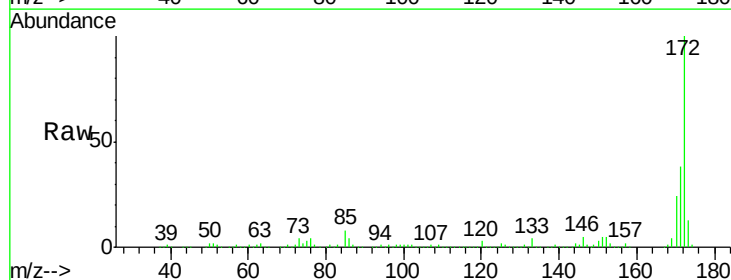


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

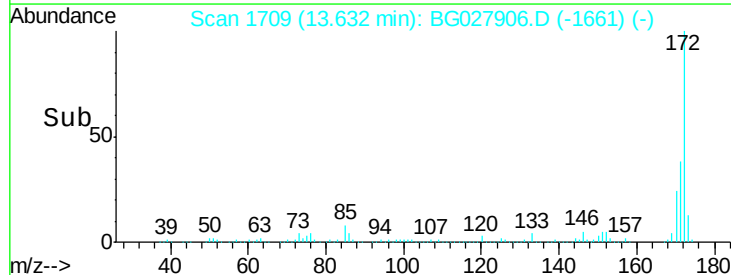
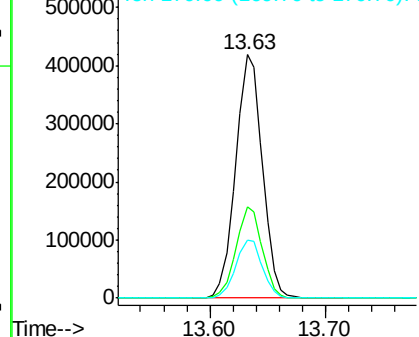


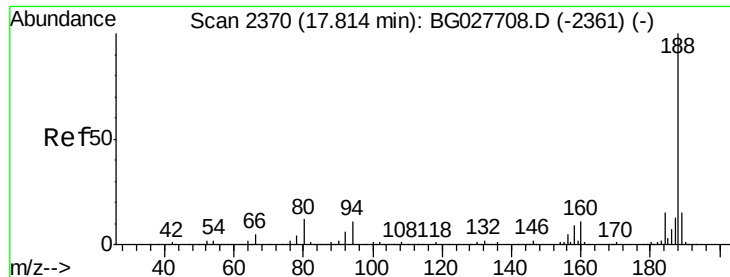
#44
 2-Fluorobiphenyl
 Concen: 97.95 ng
 RT: 13.63 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG027906.D
 Acq: 11 Jul 2017 3:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	32.2	48.2
170	23.8	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: 17.76 min Scan# 2411

Delta R.T. -0.02 min

Lab File: BG027906.D

Acq: 11 Jul 2017 3:22

Instrument :

BNA_G

ClientSampleId :

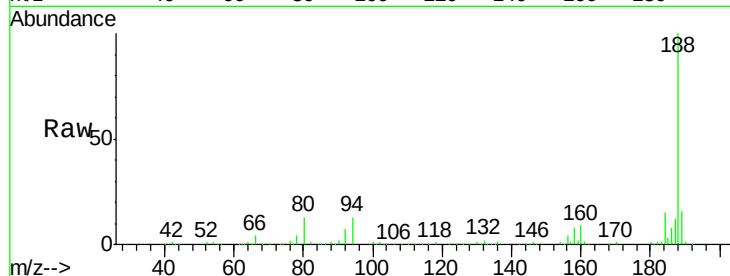
Tot Ion:188 Resp: 284327

Ion Ratio Lower Upper

188 100

94 12.5 5.8 8.8#

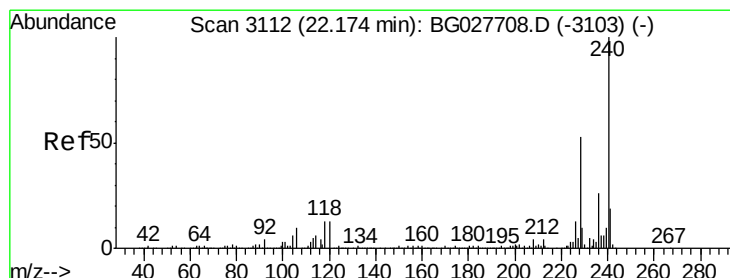
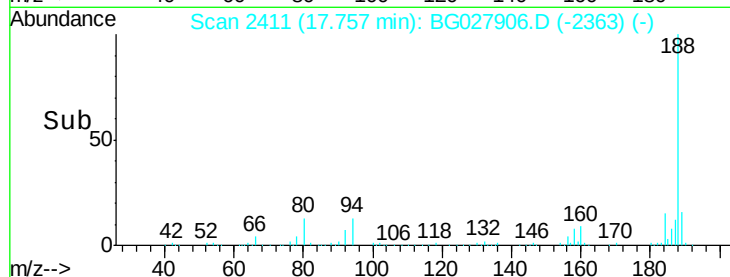
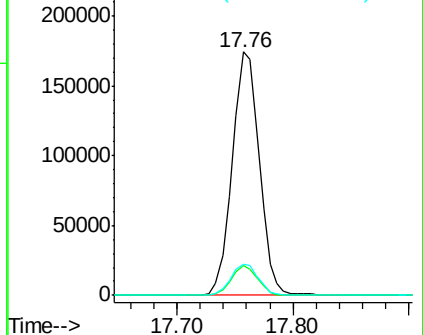
80 12.6 7.5 11.3#



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: 22.10 min Scan# 3151

Delta R.T. -0.02 min

Lab File: BG027906.D

Acq: 11 Jul 2017 3:22

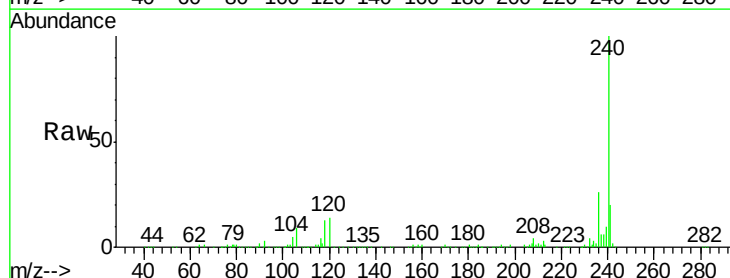
Tgt Ion:240 Resp: 294983

Ion Ratio Lower Upper

240 100

120 14.0 5.7 8.5#

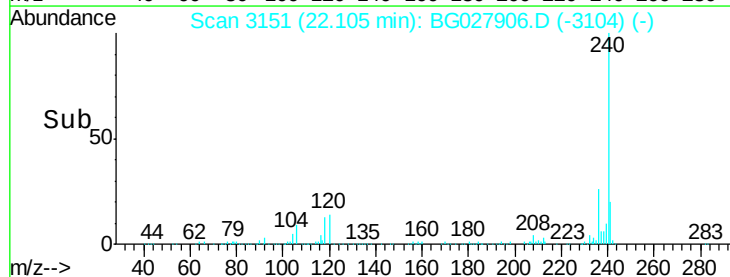
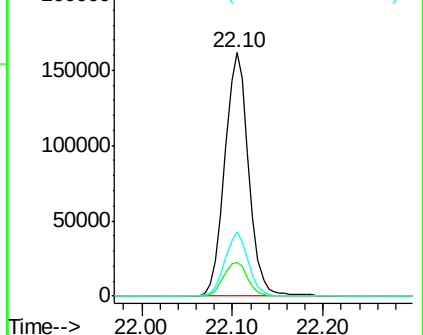
236 26.4 22.2 33.4

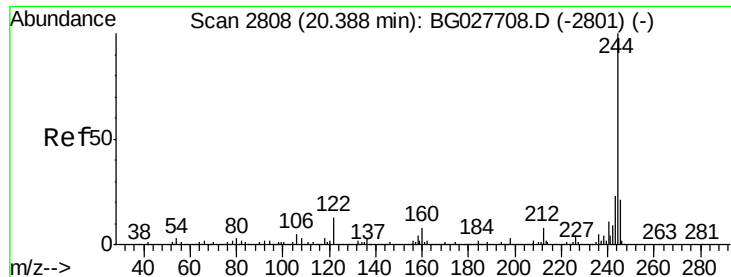


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 122.99 ng

RT: 20.34 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG027906.D

Acq: 11 Jul 2017 3:22

Instrument :

BNA_G

ClientSampled :

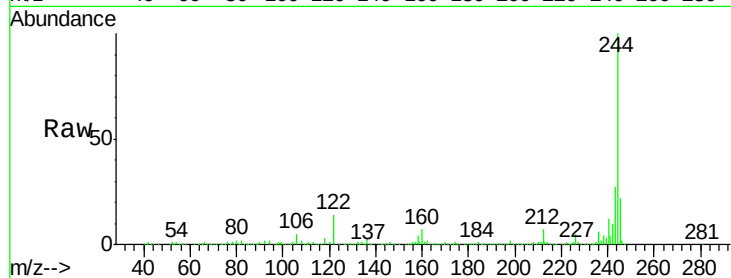
Tot Ion:244 Resp: 1547589

Ion Ratio Lower Upper

244 100

212 7.0 10.0 15.0#

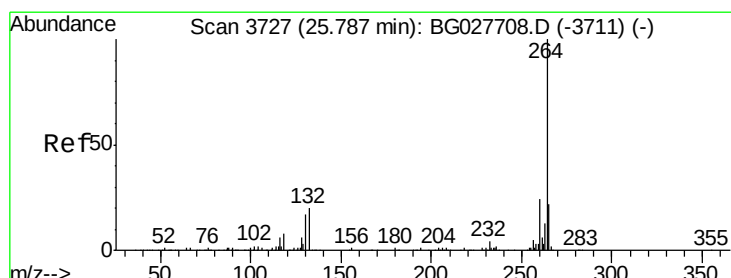
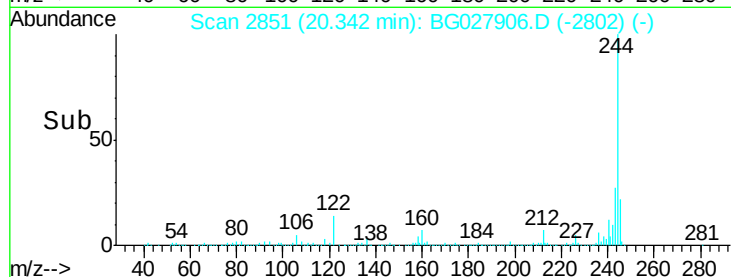
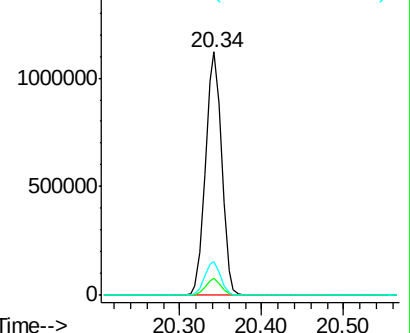
122 13.8 8.6 12.8#



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: 25.67 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG027906.D

Acq: 11 Jul 2017 3:22

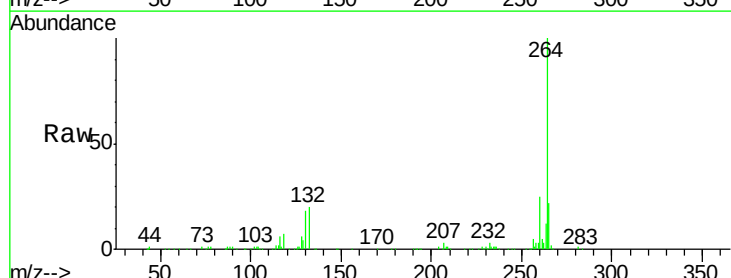
Tgt Ion:264 Resp: 286834

Ion Ratio Lower Upper

264 100

260 24.7 21.8 32.8

265 22.0 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

