

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061517\
 Data File : BG027456.D
 Acq On : 16 Jun 2017 00:22
 Operator : SJ/MA
 Sample : I3661-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 16 01:40:04 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	35417	20.00	ng	-0.01
21) Naphthalene-d8	11.34	136	160583	20.00	ng	0.00
38) Acenaphthene-d10	15.10	164	107059	20.00	ng	0.00
63) Phenanthrene-d10	17.85	188	333741	20.00	ng	0.00
75) Chrysene-d12	22.23	240	386252	20.00	ng	0.00
86) Perylene-d12	25.89	264	368535	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	17295	6.90	ng	0.00
7) Phenol-d6	7.65	99	14566	3.78	ng	-0.01
23) Nitrobenzene-d5	9.68	82	38546	12.24	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	32771	20.40	ng	-0.01
44) 2-Fluorobiphenyl	13.73	172	101536	13.70	ng	0.00
78) Terphenyl-d14	20.43	244	211992	14.07	ng	0.00

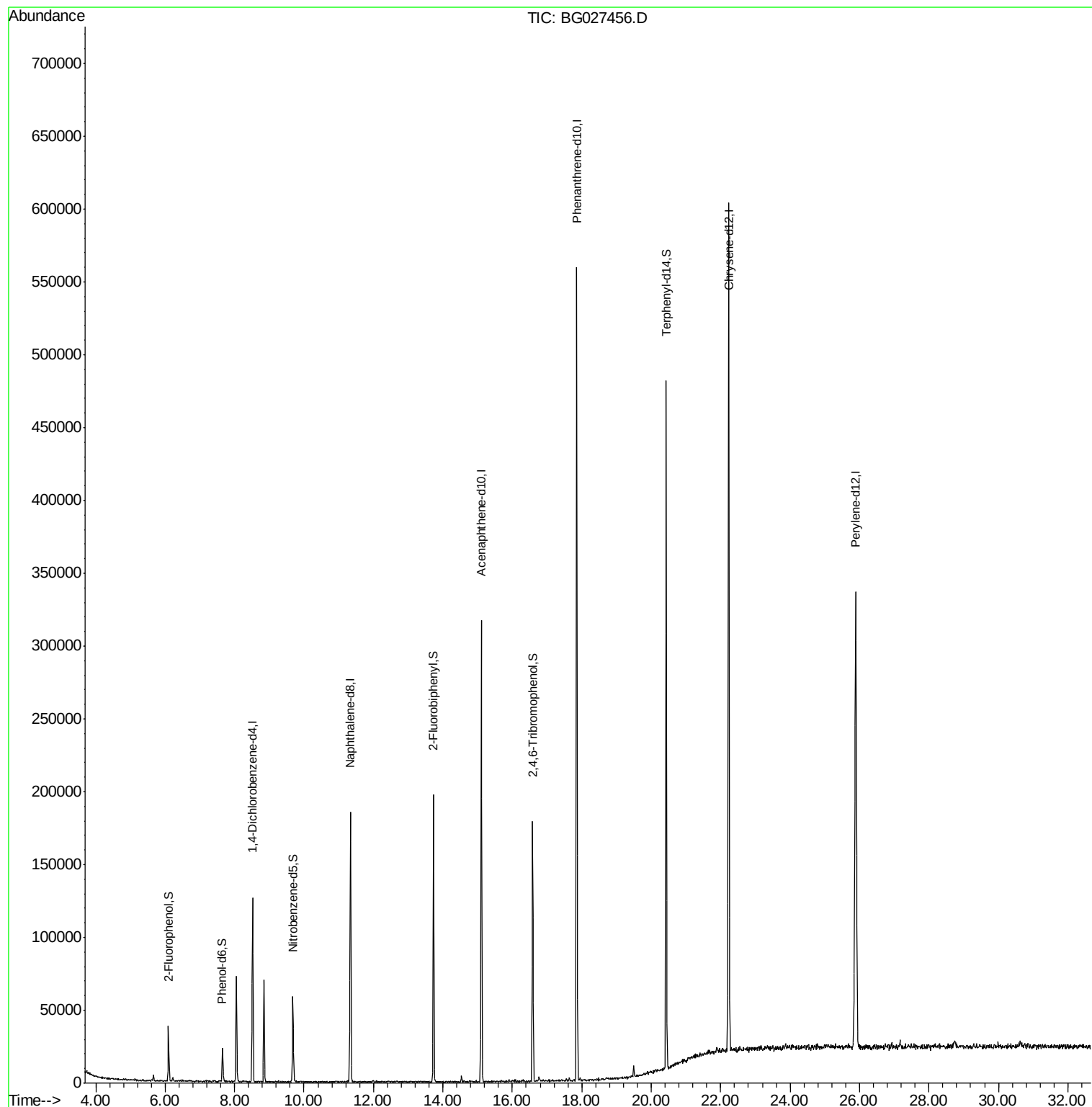
Target Compounds Qvalue

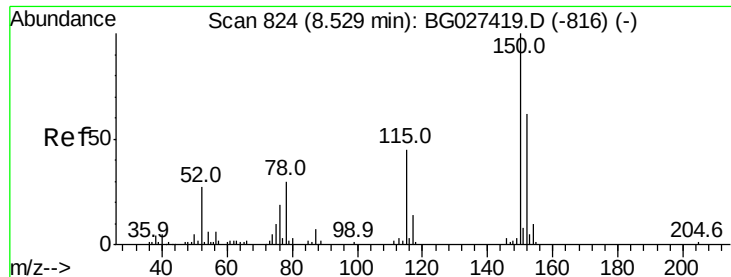
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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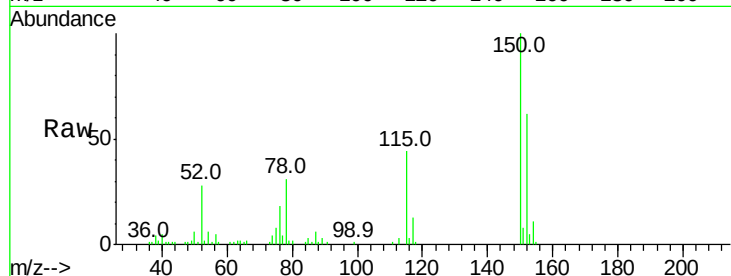


#1

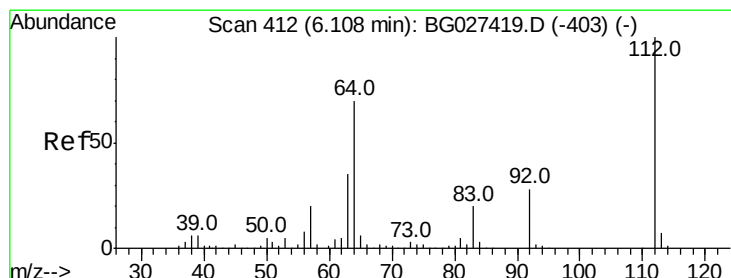
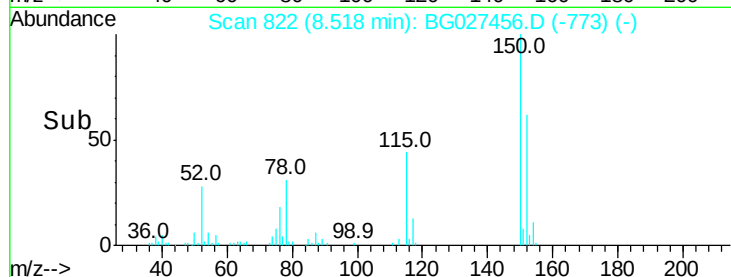
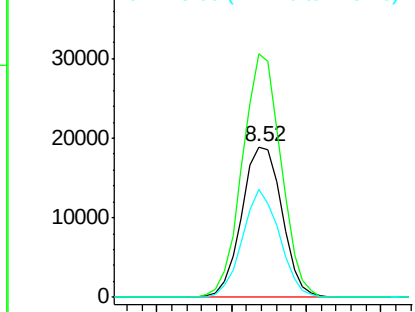
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.52 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027456.D
Acq: 16 Jun 2017 00:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 35417
Ion Ratio Lower Upper
152 100
150 161.8 114.0 171.0
115 71.5 48.1 72.1



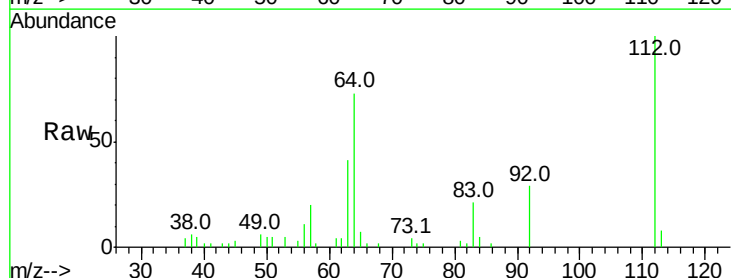
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



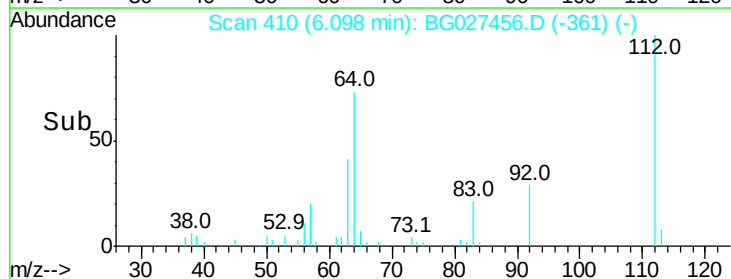
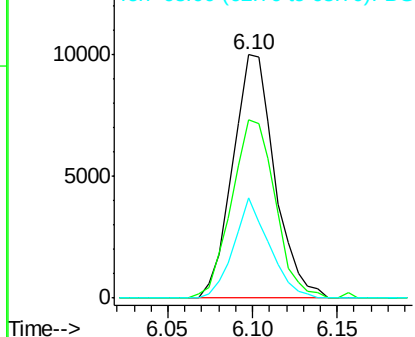
#5

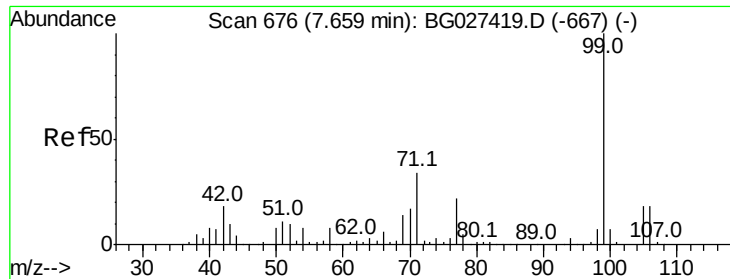
2-Fluorophenol
Concen: 6.90 ng
RT: 6.10 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG027456.D
Acq: 16 Jun 2017 00:22

Tgt Ion:112 Resp: 17295
Ion Ratio Lower Upper
112 100
64 73.5 61.8 92.6
63 41.1 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: 3.78 ng

RT: 7.65 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG027456.D

Acq: 16 Jun 2017 00:22

Instrument :

BNA_G

ClientSampled :

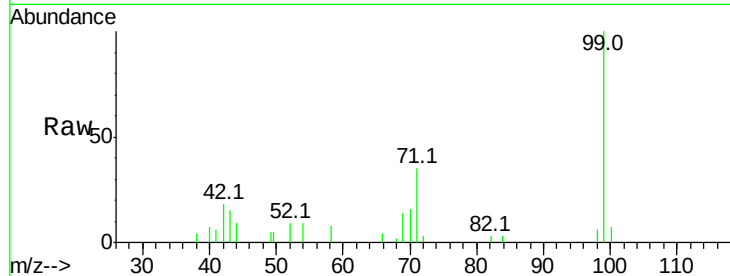
Tot Ion: 99 Resp: 14566

Ion Ratio Lower Upper

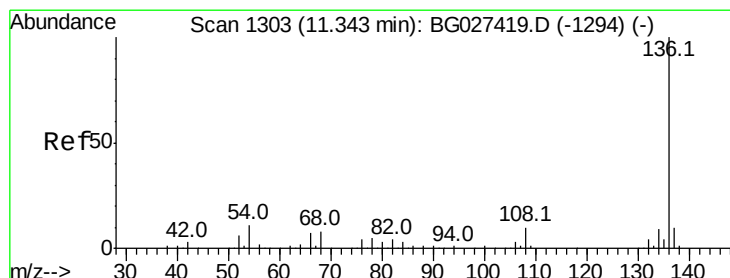
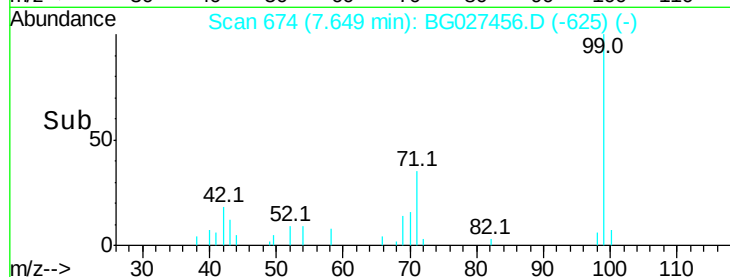
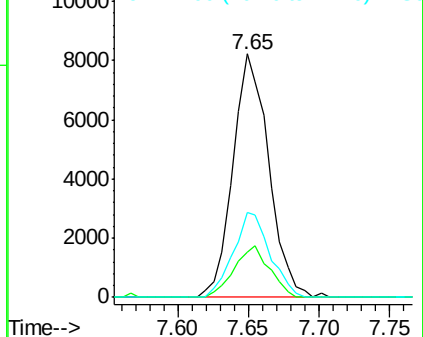
99 100

42 18.5 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: 11.34 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BG027456.D

Acq: 16 Jun 2017 00:22

Tgt Ion: 136 Resp: 160583

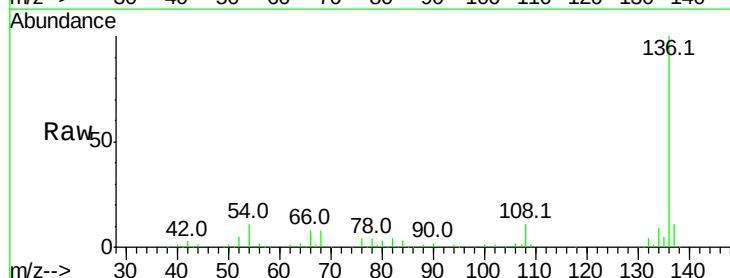
Ion Ratio Lower Upper

136 100

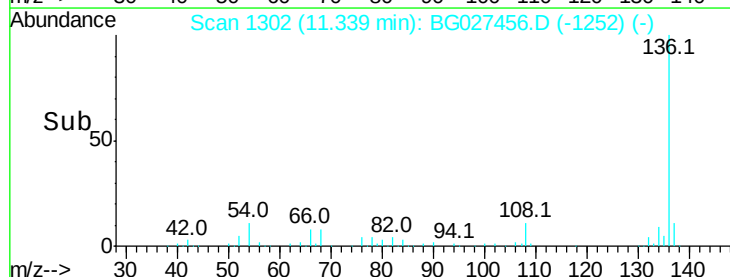
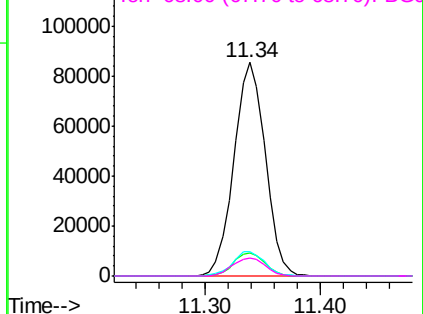
137 10.6 8.9 13.3

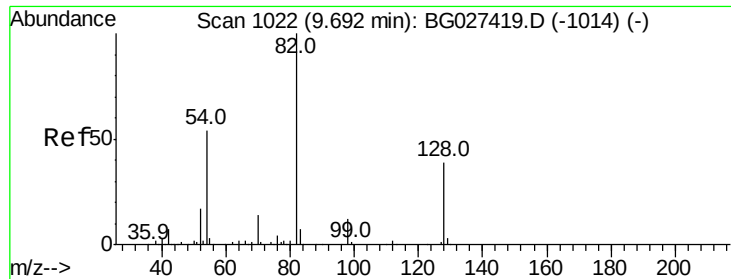
54 11.2 9.3 13.9

68 8.3 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

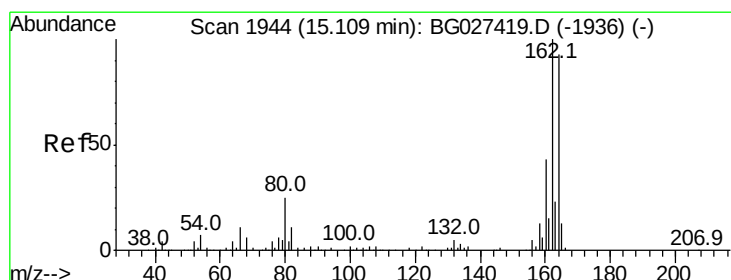
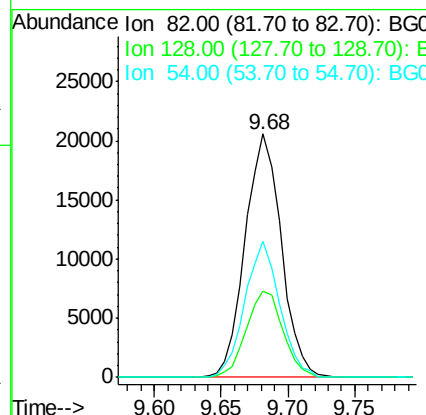
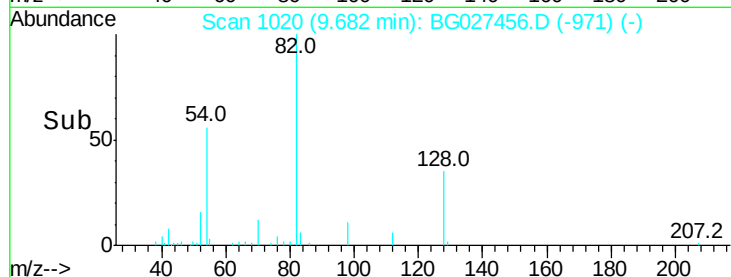
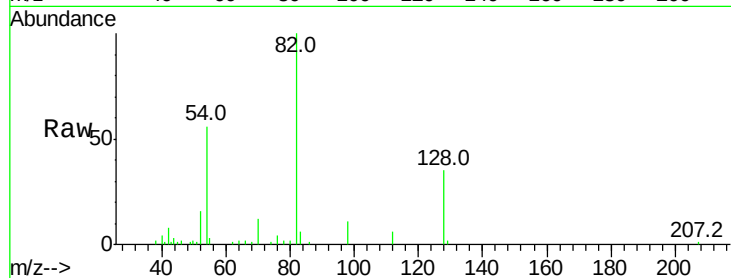




#23
Nitrobenzene-d5
Concen: 12.24 ng
RT: 9.68 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG027456.D
Acq: 16 Jun 2017 00:22

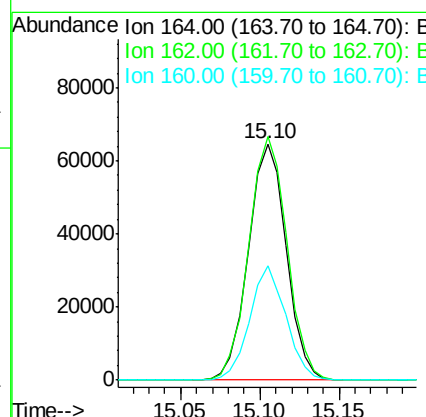
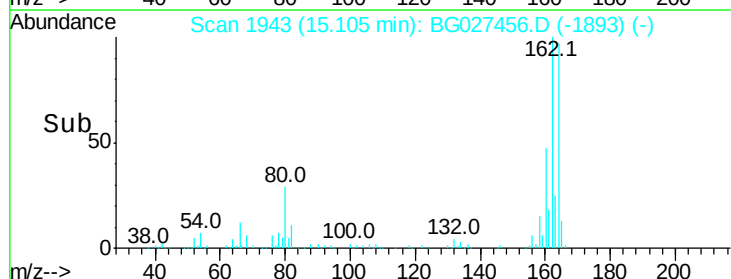
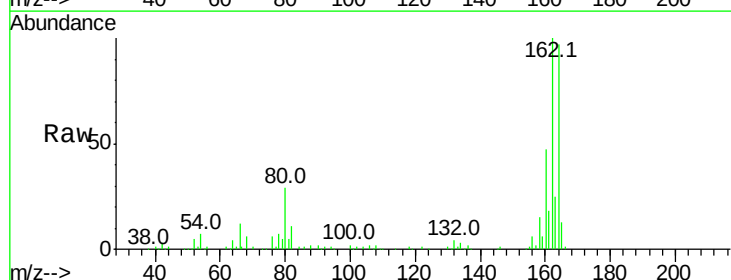
Instrument :
BNA_G
ClientSampleId :

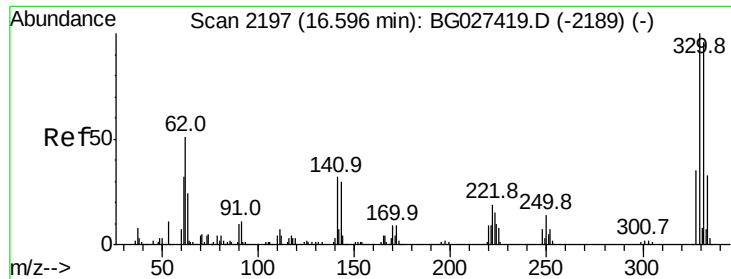
Tot Ion: 82 Resp: 38546
Ion Ratio Lower Upper
82 100
128 35.2 26.4 39.6
54 55.7 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.10 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG027456.D
Acq: 16 Jun 2017 00:22

Tgt Ion:164 Resp: 107059
Ion Ratio Lower Upper
164 100
162 103.1 85.1 127.7
160 48.6 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 20.40 ng

RT: 16.59 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG027456.D

Acq: 16 Jun 2017 00:22

Instrument :

BNA_G

ClientSampled :

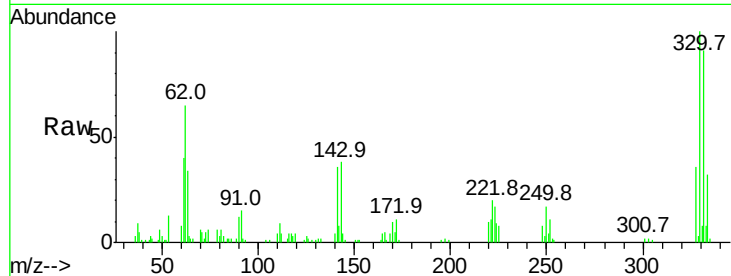
Tot Ion:330 Resp: 32771

Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

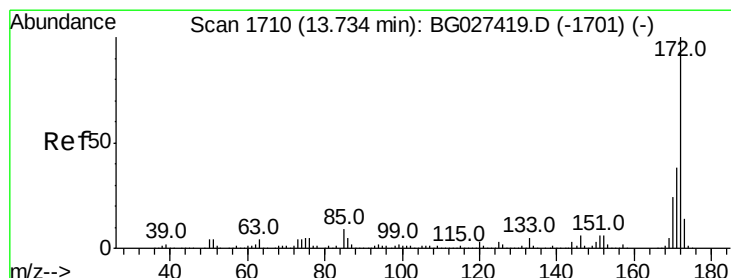
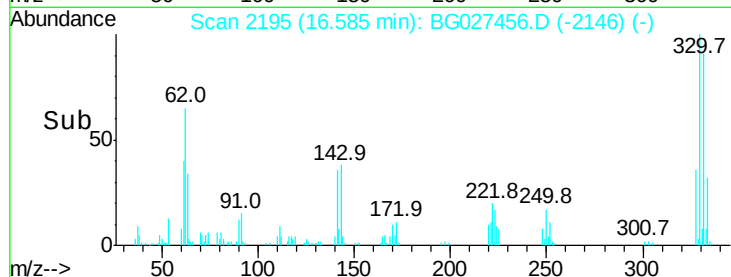
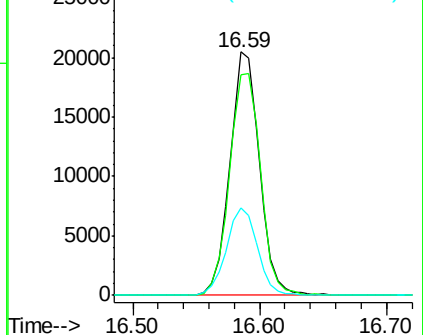
141 37.5 32.1 48.1



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: 13.70 ng

RT: 13.73 min Scan# 1709

Delta R.T. -0.00 min

Lab File: BG027456.D

Acq: 16 Jun 2017 00:22

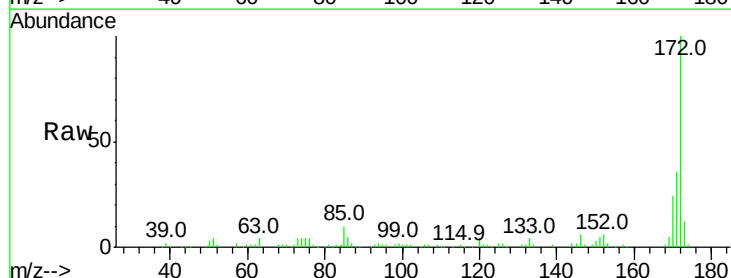
Tgt Ion:172 Resp: 101536

Ion Ratio Lower Upper

172 100

171 36.1 32.2 48.2

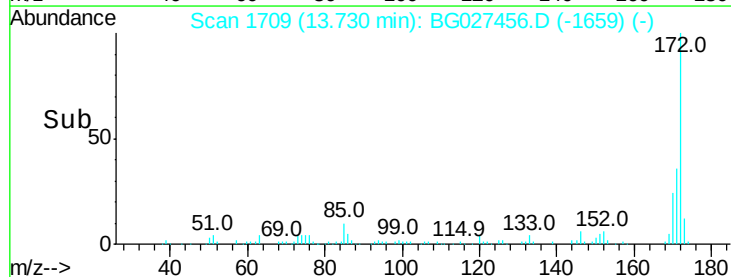
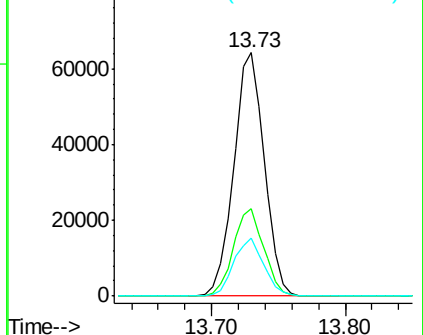
170 23.6 21.8 32.6

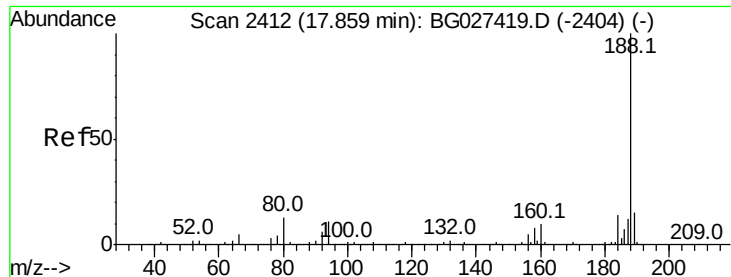


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.85 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BG027456.D

Acq: 16 Jun 2017 00:22

Instrument :

BNA_G

ClientSampled :

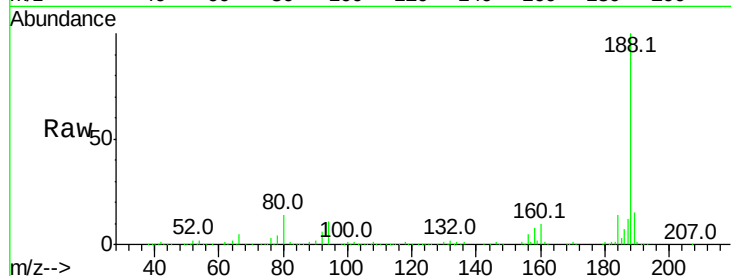
Tot Ion:188 Resp: 333741

Ion Ratio Lower Upper

188 100

94 11.1 5.8 8.8#

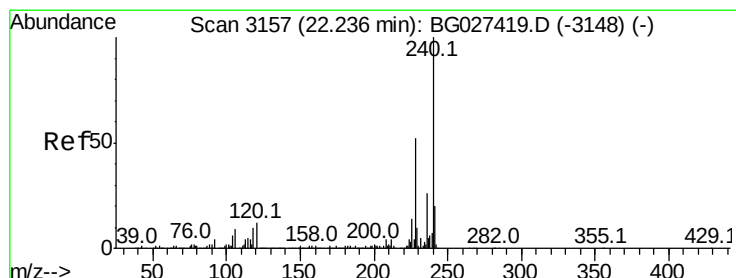
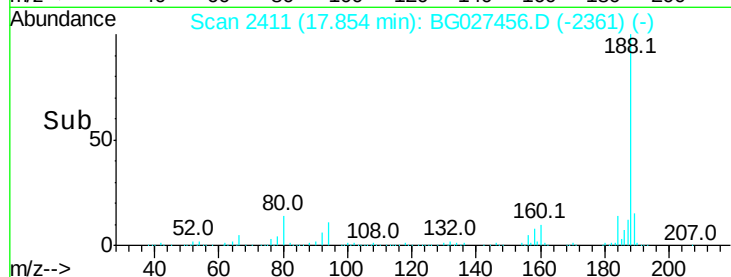
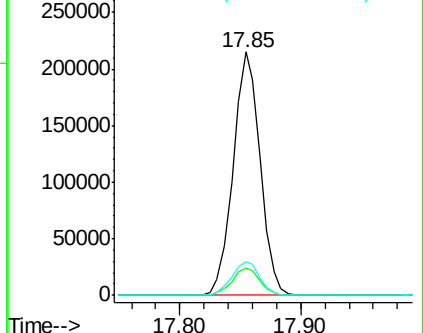
80 13.7 7.5 11.3#



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: 22.23 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG027456.D

Acq: 16 Jun 2017 00:22

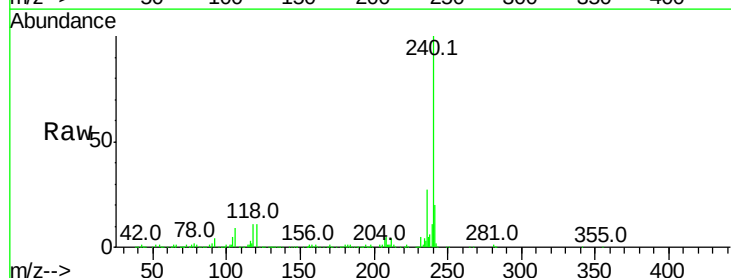
Tgt Ion:240 Resp: 386252

Ion Ratio Lower Upper

240 100

120 11.4 5.7 8.5#

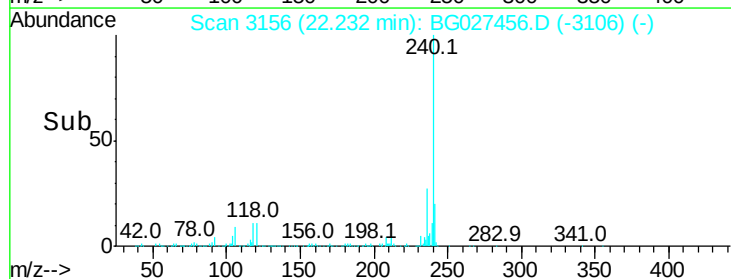
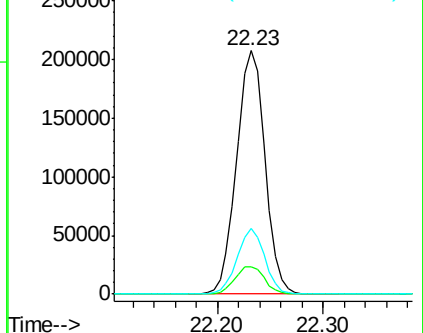
236 27.2 22.2 33.4

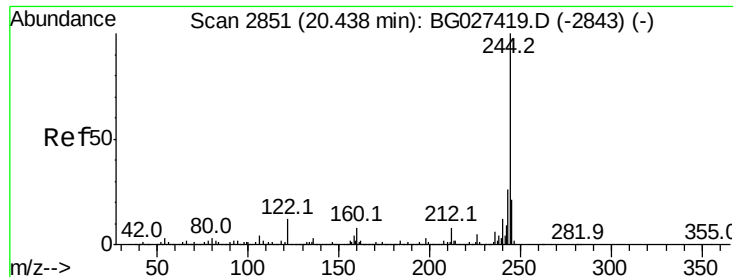


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 14.07 ng

RT: 20.43 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG027456.D

Acq: 16 Jun 2017 00:22

Instrument :

BNA_G

ClientSampleId :

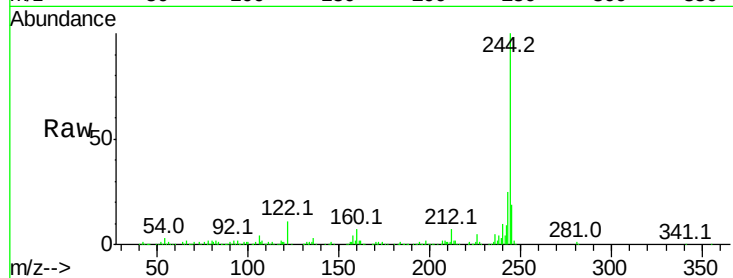
Tot Ion:244 Resp: 211992

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

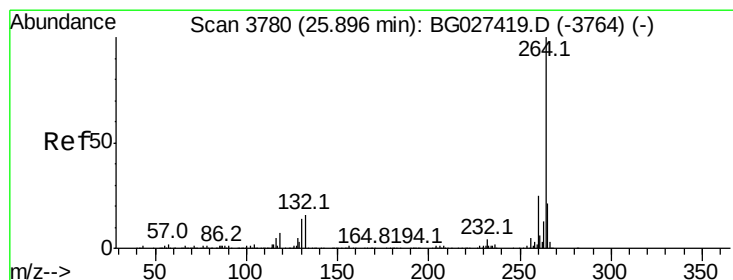
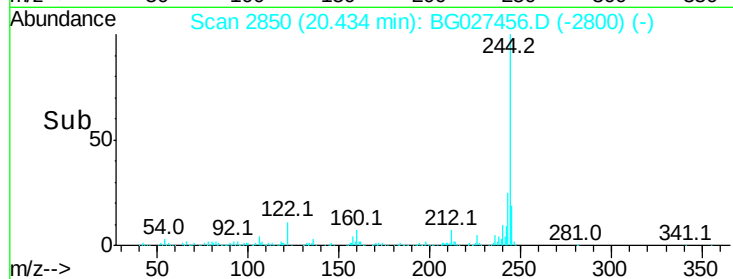
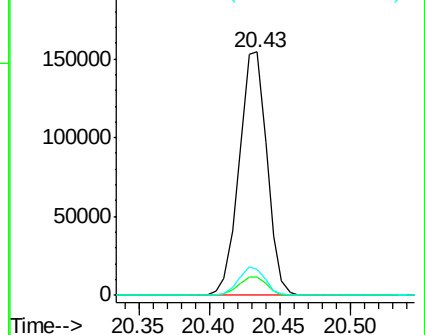
122 10.6 8.6 12.8



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: 25.89 min Scan# 3778

Delta R.T. -0.01 min

Lab File: BG027456.D

Acq: 16 Jun 2017 00:22

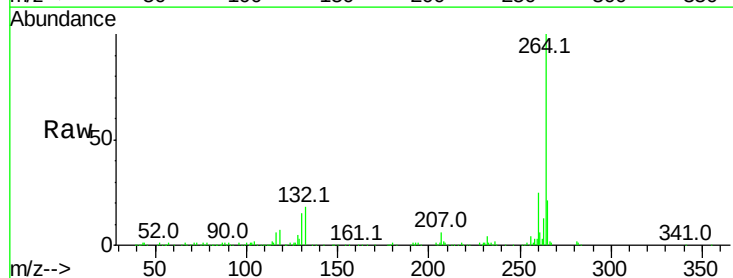
Tgt Ion:264 Resp: 368535

Ion Ratio Lower Upper

264 100

260 24.6 21.8 32.8

265 21.4 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

