

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062716\
 Data File : BG022656.D
 Acq On : 27 Jun 2016 23:58
 Operator : UM/SJ
 Sample : PB91543BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91543BL

Quant Time: Jun 28 01:10:24 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

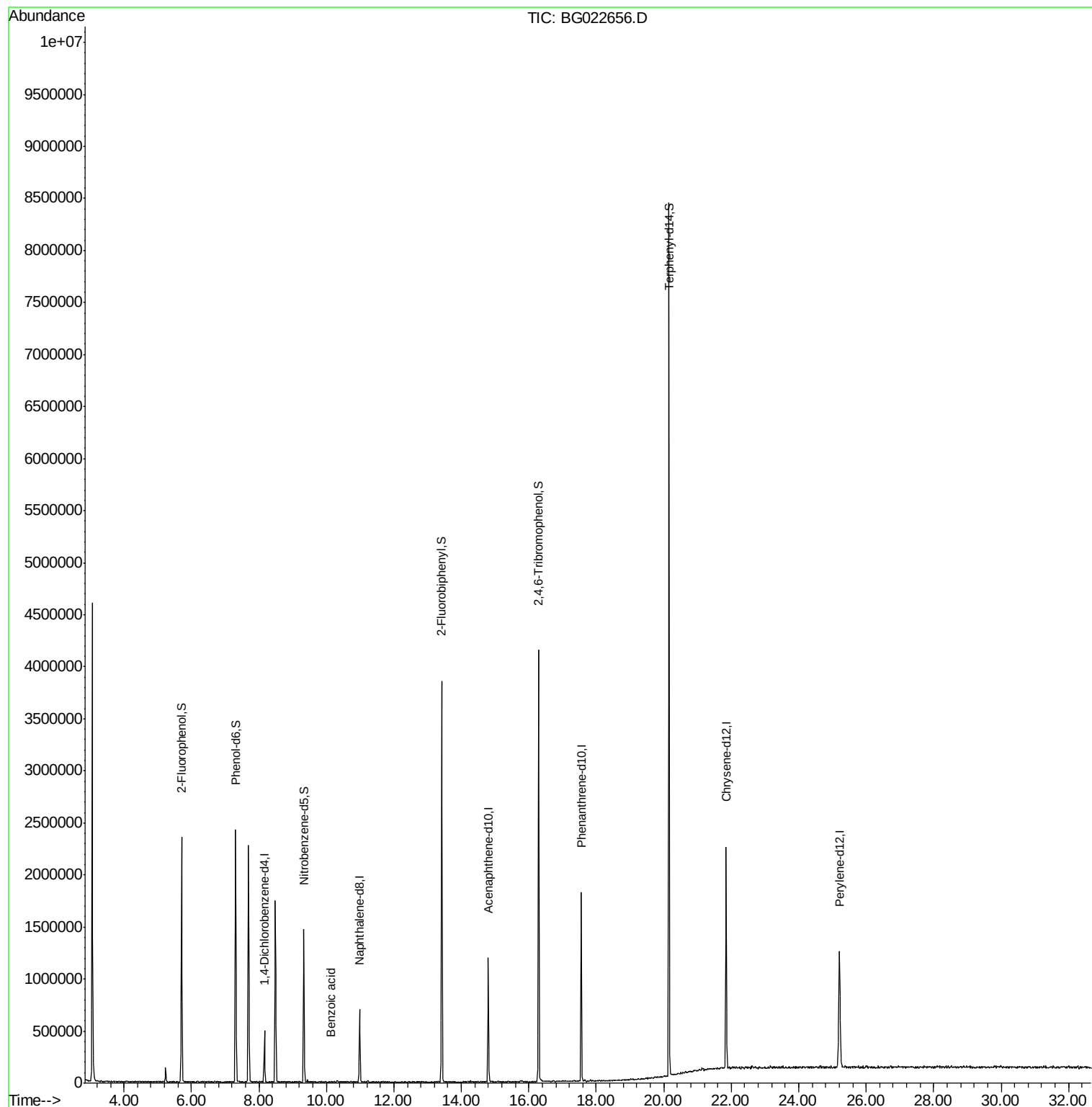
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	127756	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	548555	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	405520	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1110948	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1305274	20.00	ng	0.00
86) Perylene-d12	25.21	264	1320523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	933861	117.24	ng	0.00
7) Phenol-d6	7.31	99	1341110	119.45	ng	0.00
23) Nitrobenzene-d5	9.33	82	942458	72.72	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	787249	123.43	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1874094	73.29	ng	0.00
78) Terphenyl-d14	20.16	244	3039285	61.69	ng	0.00
Target Compounds						
32) Benzoic acid	10.13	122	92	5.13	ng	Qvalue # 26

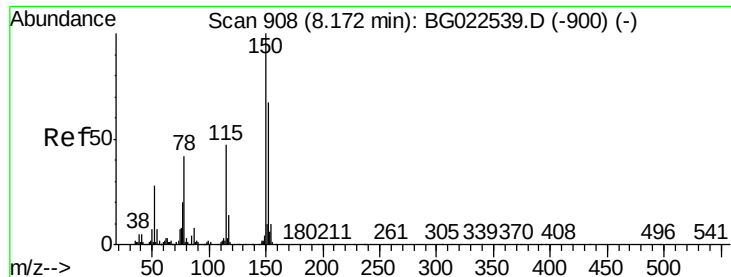
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022656.D

Acq: 27 Jun 2016 23:58

Instrument :

BNA_G

ClientSampleId :

PB91543BL

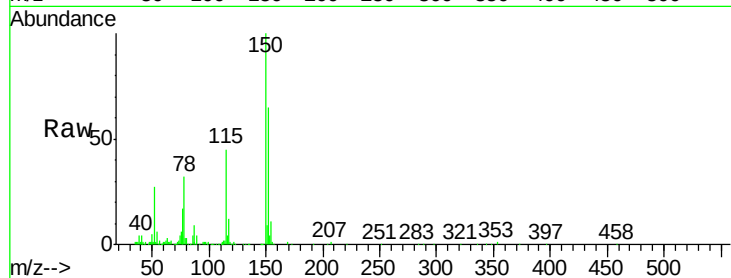
Tgt Ion:152 Resp: 127756

Ion Ratio Lower Upper

152 100

150 154.5 144.7 217.1

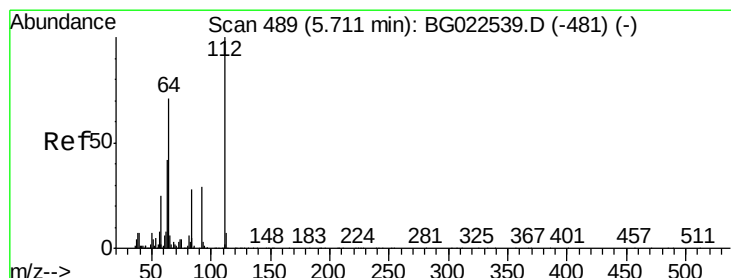
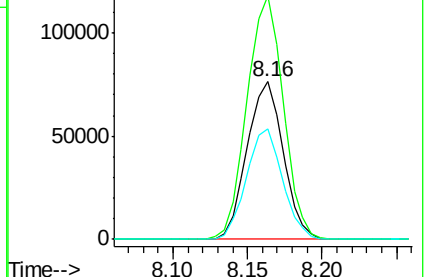
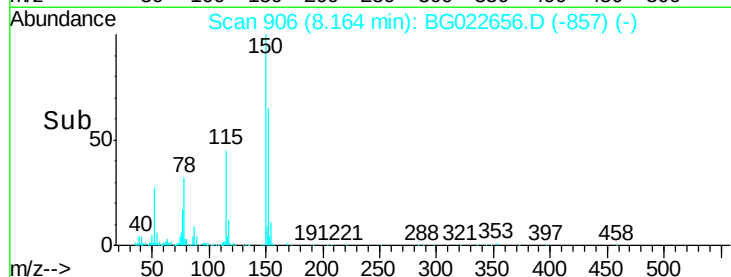
115 70.0 64.0 96.0



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: 117.24 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022656.D

Acq: 27 Jun 2016 23:58

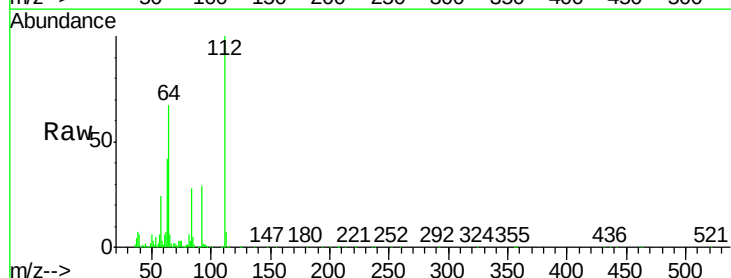
Tgt Ion:112 Resp: 933861

Ion Ratio Lower Upper

112 100

64 66.8 59.0 88.4

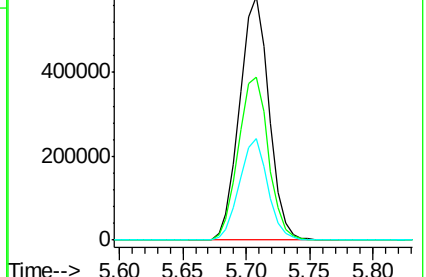
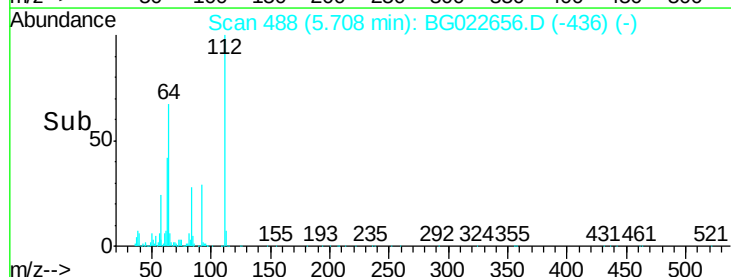
63 41.7 37.8 56.8

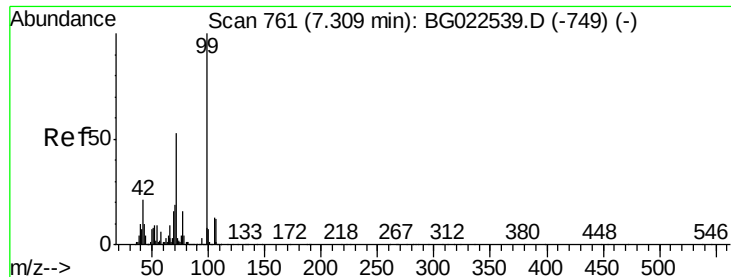


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 119.45 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022656.D

Acq: 27 Jun 2016 23:58

Instrument :

BNA_G

ClientSampleId :

PB91543BL

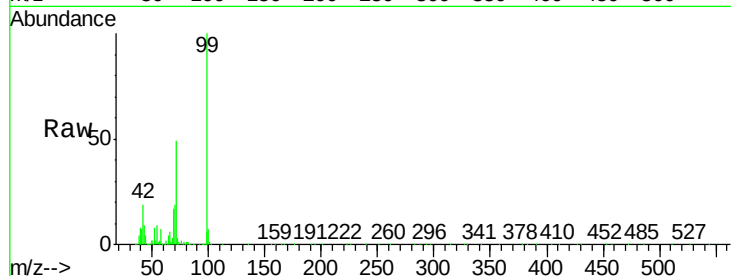
Tgt Ion: 99 Resp: 1341110

Ion Ratio Lower Upper

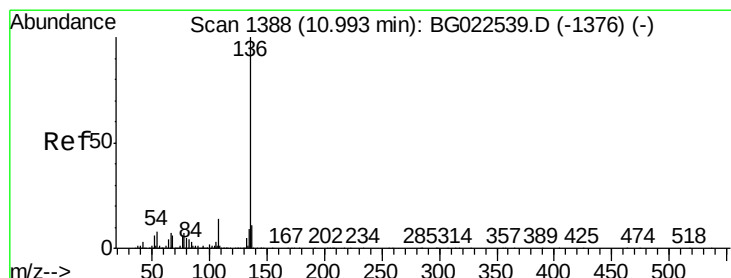
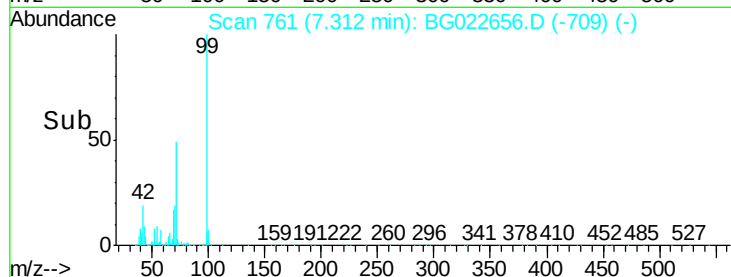
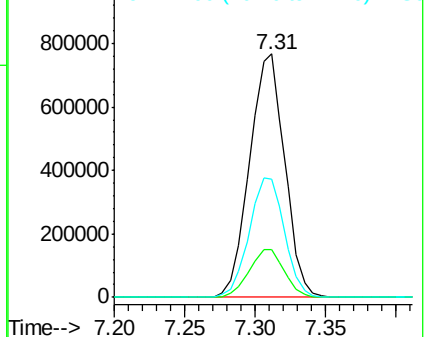
99 100

42 19.4 17.8 26.6

71 48.7 41.5 62.3



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: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG022656.D

Acq: 27 Jun 2016 23:58

Tgt Ion: 136 Resp: 548555

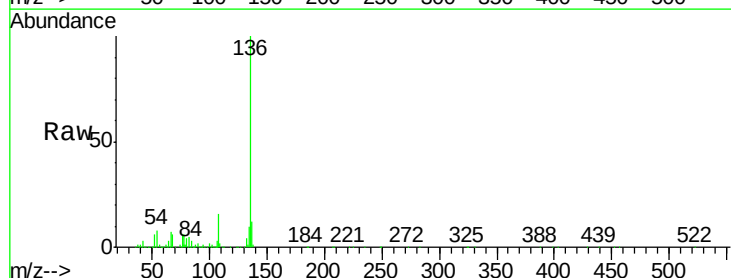
Ion Ratio Lower Upper

136 100

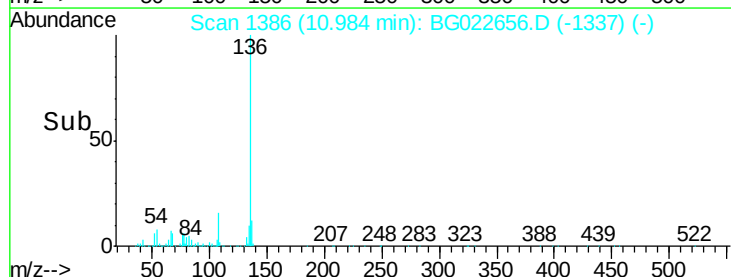
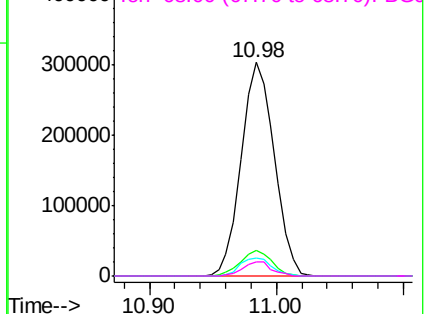
137 12.0 9.6 14.4

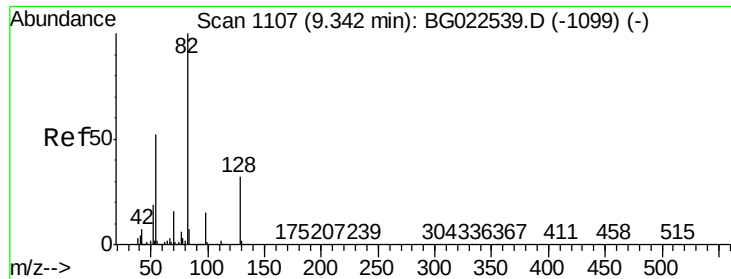
54 8.4 7.3 10.9

68 6.4 5.3 7.9



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

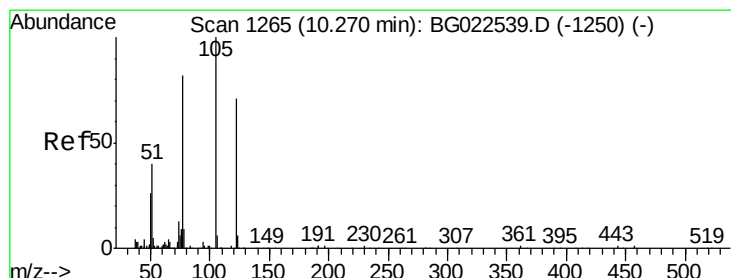
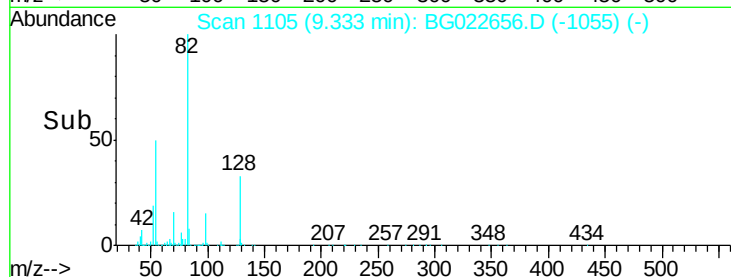
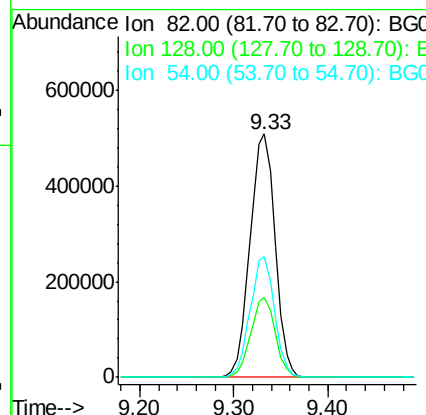
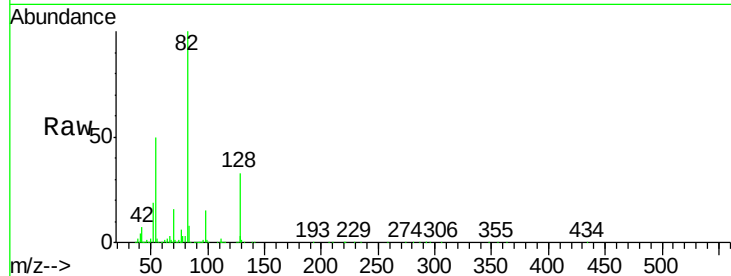




#23
 Nitrobenzene-d5
 Concen: 72.72 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BG022656.D
 Acq: 27 Jun 2016 23:58

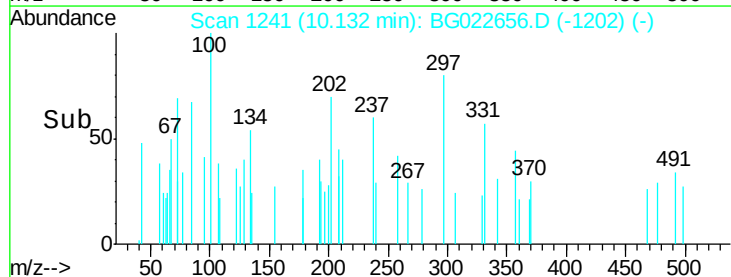
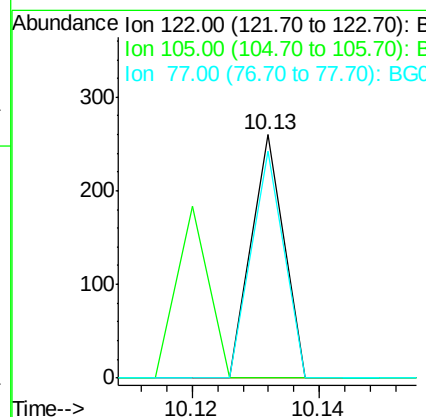
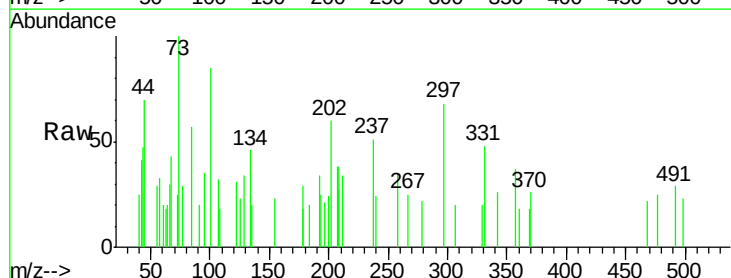
Instrument :
 BNA_G
 ClientSampleId :
 PB91543BL

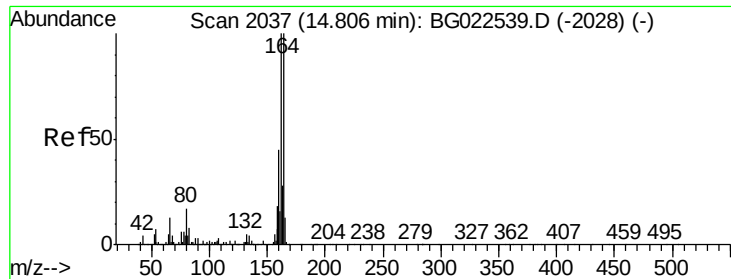
Tgt Ion: 82 Resp: 942458
 Ion Ratio Lower Upper
 82 100
 128 32.8 24.4 36.6
 54 49.5 41.4 62.0



#32
 Benzoic acid
 Concen: 5.13 ng
 RT: 10.13 min Scan# 1241
 Delta R.T. -0.07 min
 Lab File: BG022656.D
 Acq: 27 Jun 2016 23:58

Tgt Ion: 122 Resp: 92
 Ion Ratio Lower Upper
 122 100
 105 0.0 117.2 157.2#
 77 93.1 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022656.D

Acq: 27 Jun 2016 23:58

Instrument :

BNA_G

ClientSampleId :

PB91543BL

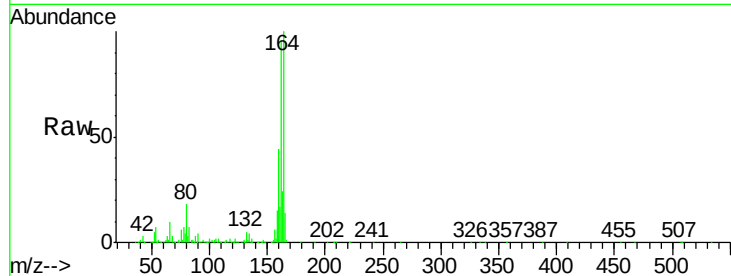
Tgt Ion:164 Resp: 405520

Ion Ratio Lower Upper

164 100

162 96.3 87.7 131.5

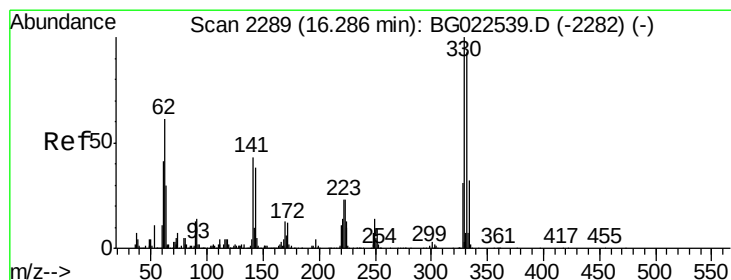
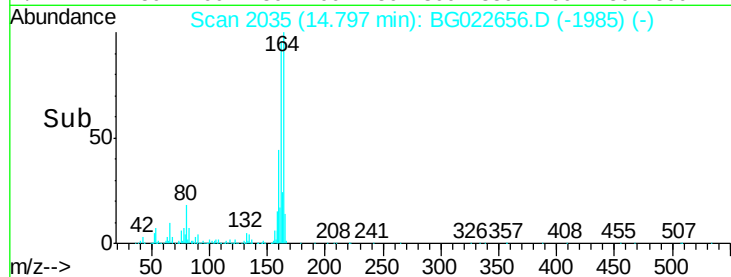
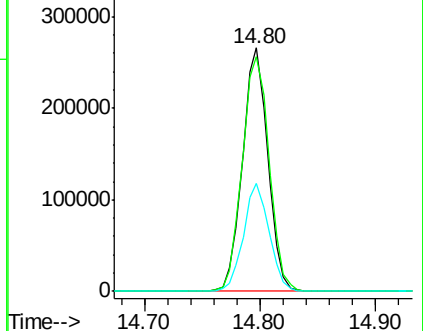
160 44.1 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 123.43 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022656.D

Acq: 27 Jun 2016 23:58

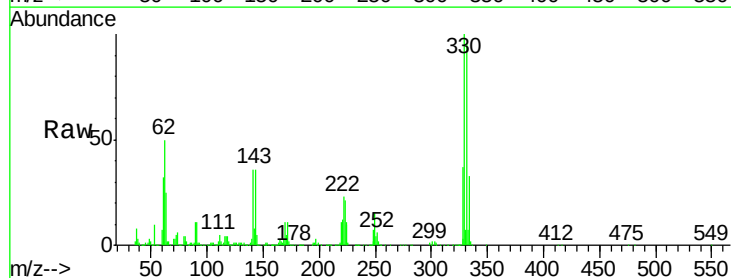
Tgt Ion:330 Resp: 787249

Ion Ratio Lower Upper

330 100

332 94.9 77.4 116.2

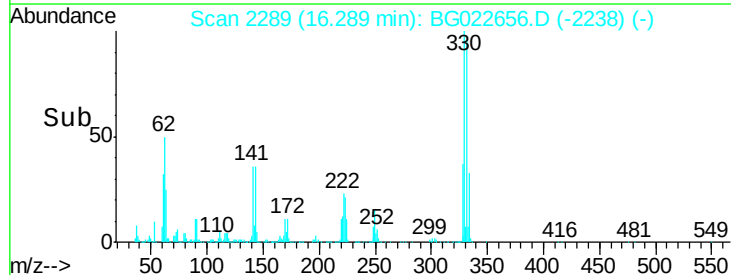
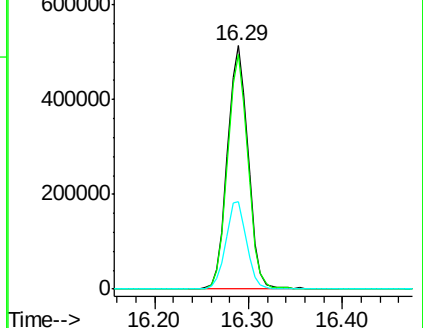
141 36.1 31.7 47.5

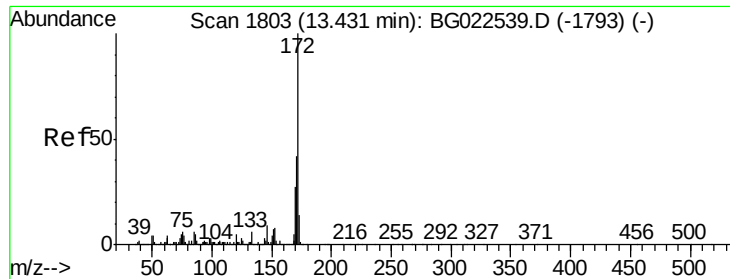


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

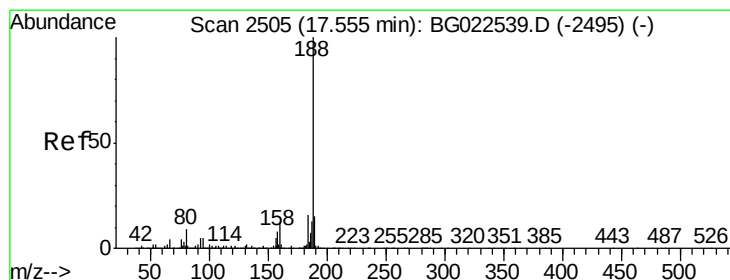
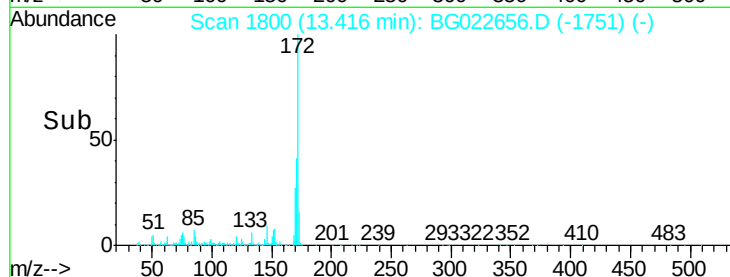
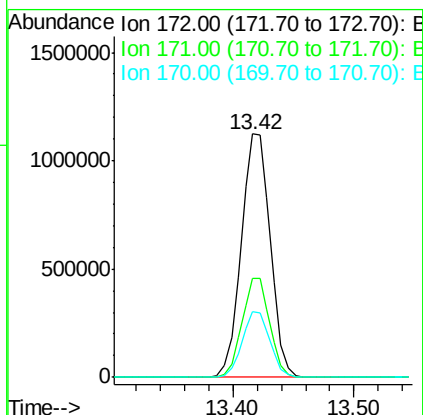
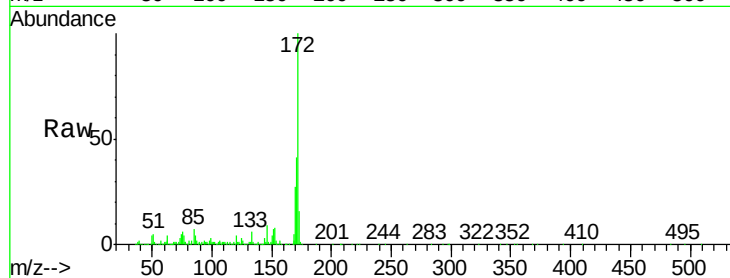




#44
2-Fluorobiphenyl
Concen: 73.29 ng
RT: 13.42 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG022656.D
Acq: 27 Jun 2016 23:58

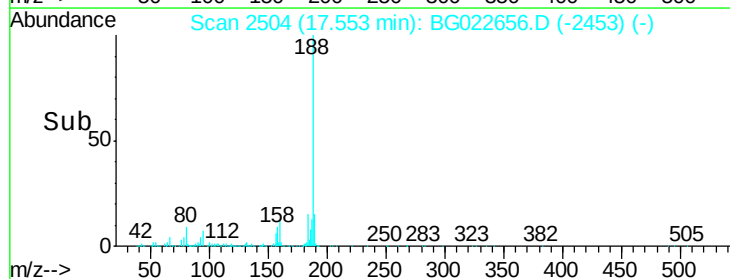
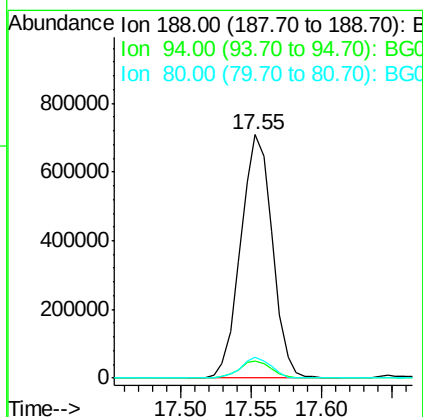
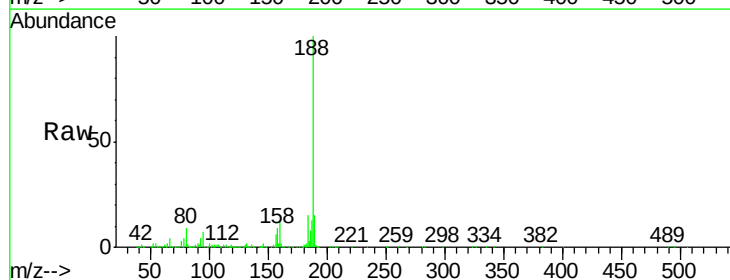
Instrument :
BNA_G
ClientSampleId :
PB91543BL

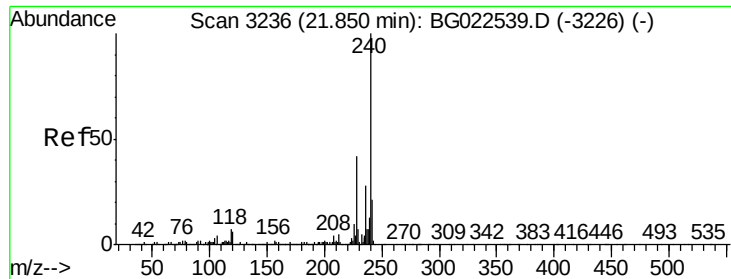
Tgt Ion:172 Resp: 1874094
Ion Ratio Lower Upper
172 100
171 40.5 31.6 47.4
170 26.9 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022656.D
Acq: 27 Jun 2016 23:58

Tgt Ion:188 Resp: 1110948
Ion Ratio Lower Upper
188 100
94 6.8 5.2 7.8
80 8.6 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.00 min

Lab File: BG022656.D

Acq: 27 Jun 2016 23:58

Instrument :

BNA_G

ClientSampleId :

PB91543BL

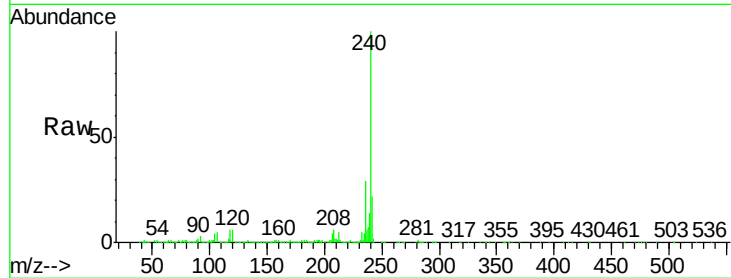
Tgt Ion:240 Resp: 1305274

Ion Ratio Lower Upper

240 100

120 5.9 4.1 6.1

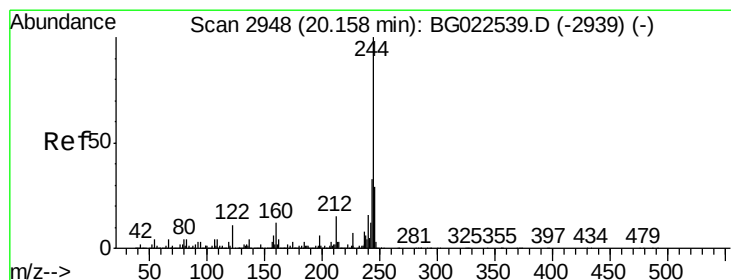
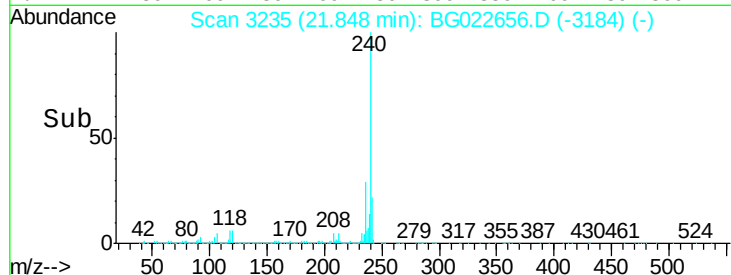
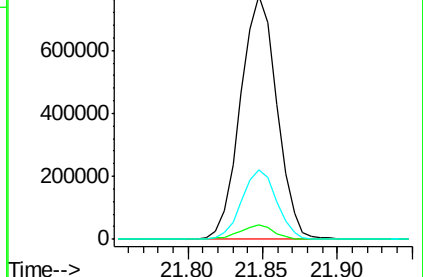
236 28.8 21.1 31.7



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: 61.69 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022656.D

Acq: 27 Jun 2016 23:58

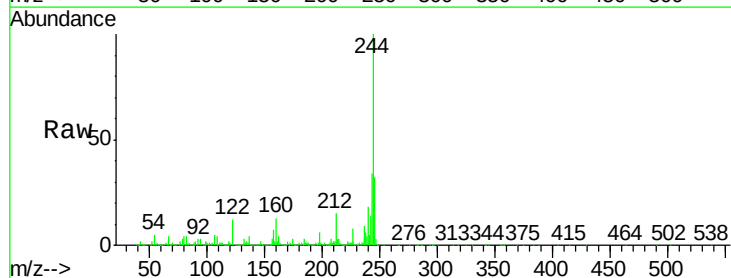
Tgt Ion:244 Resp: 3039285

Ion Ratio Lower Upper

244 100

212 14.8 10.8 16.2

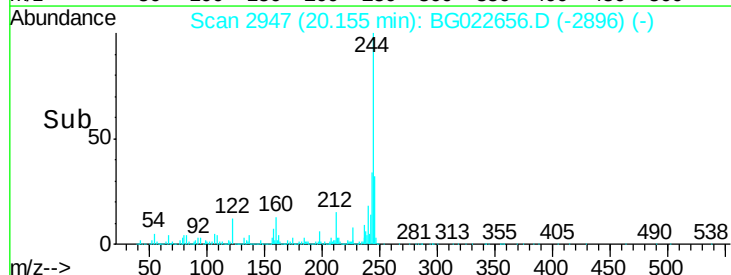
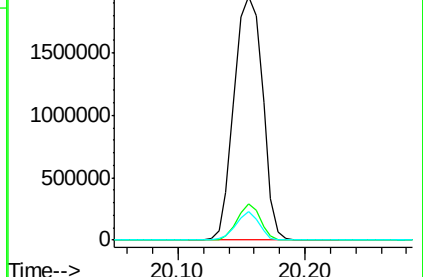
122 11.7 8.0 12.0

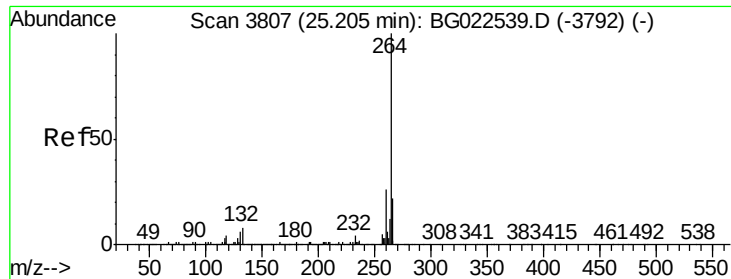


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.21 min Scan# 3807

Delta R.T. 0.00 min

Lab File: BG022656.D

Acq: 27 Jun 2016 23:58

Instrument :

BNA_G

ClientSampleId :

PB91543BL

Tgt Ion:264 Resp: 1320523

Ion Ratio Lower Upper

264 100

260 26.4 18.4 27.6

265 22.4 18.9 28.3

