

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
 Data File : BG022703.D
 Acq On : 29 Jun 2016 21:19
 Operator : UM/SJ
 Sample : H3790-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BAG-19

Quant Time: Jun 30 04:47:02 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

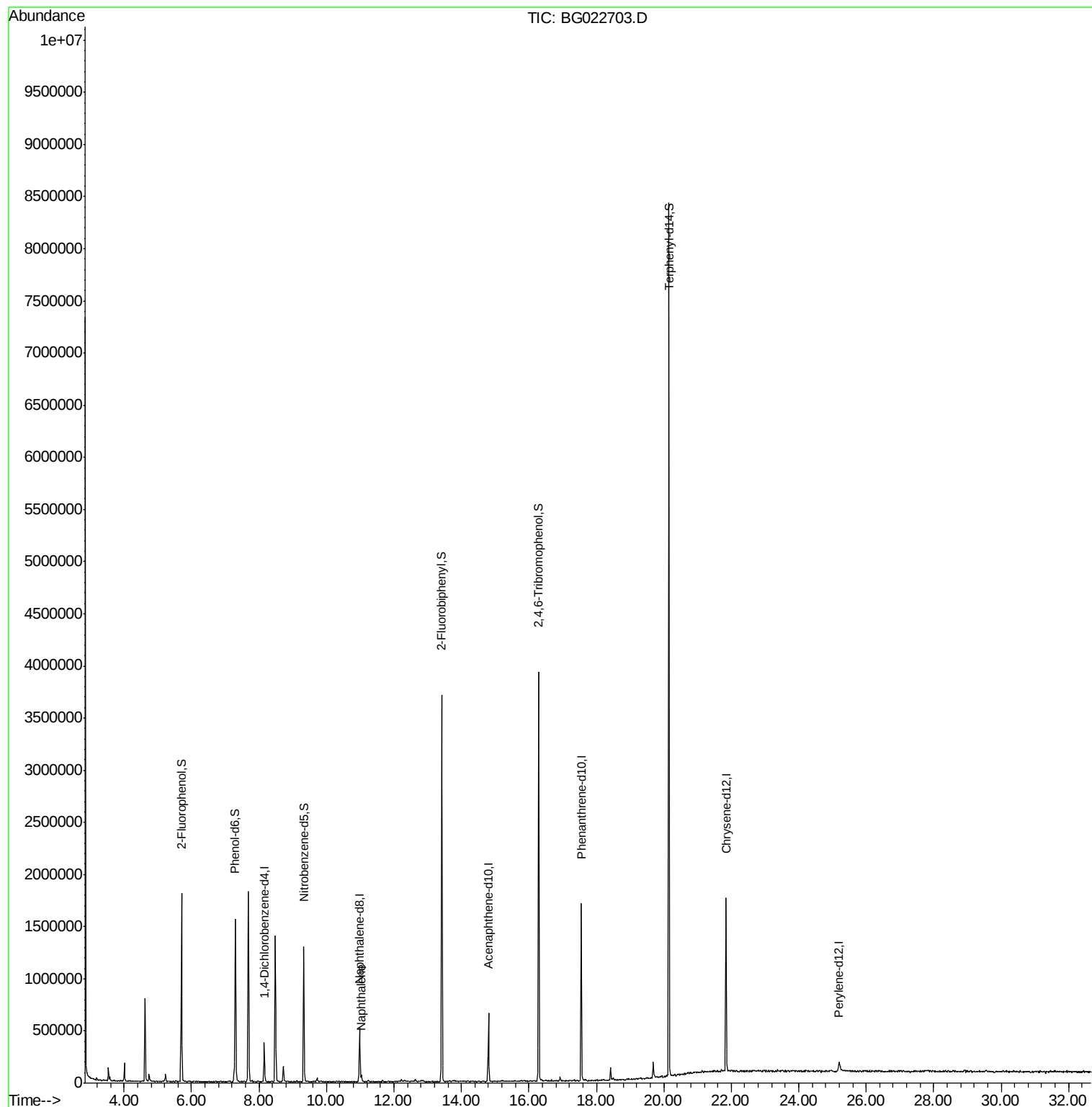
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	100034	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	421332	20.00	ng	-0.01
38) Acenaphthene-d10	14.80	164	191404	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	990241	20.00	ng	0.00
75) Chrysene-d12	21.84	240	895875	20.00	ng	0.00
86) Perylene-d12	25.20	264	37619	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	727740	116.69	ng	0.00
7) Phenol-d6	7.30	99	825011	93.85	ng	0.00
23) Nitrobenzene-d5	9.33	82	837520	84.13	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	748435	248.61	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1823417	151.08	ng	0.00
78) Terphenyl-d14	20.15	244	3127747	92.50	ng	0.00
Target Compounds						
31) Naphthalene	11.04	128	49603	2.34	ng	Qvalue # 96

(#) = 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# 905

Delta R.T. -0.02 min

Lab File: BG022703.D

Acq: 29 Jun 2016 21:19

Instrument :

BNA_G

ClientSampleId :

BAG-19

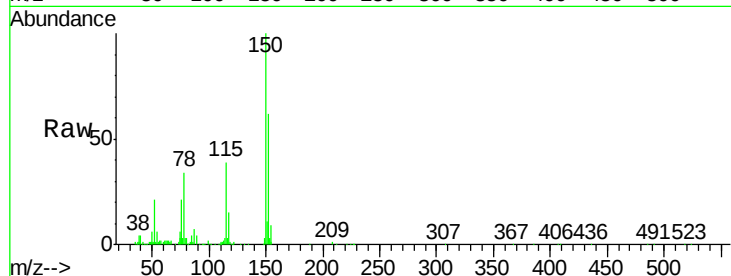
Tot Ion:152 Resp: 100034

Ion Ratio Lower Upper

152 100

150 161.0 144.7 217.1

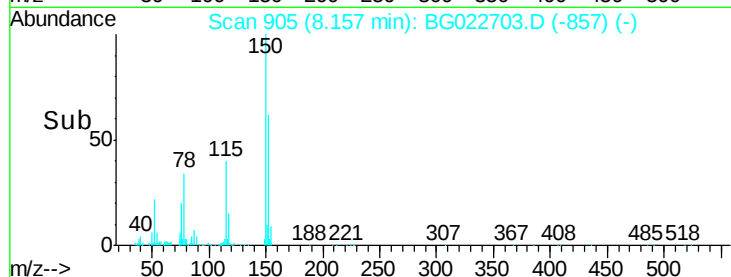
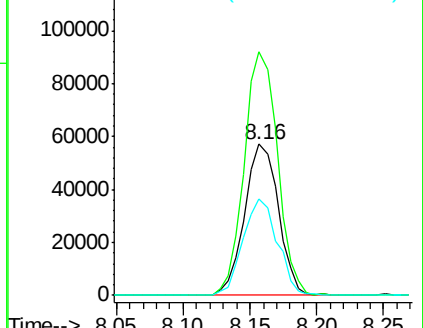
115 63.3 64.0 96.0#



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: 116.69 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG022703.D

Acq: 29 Jun 2016 21:19

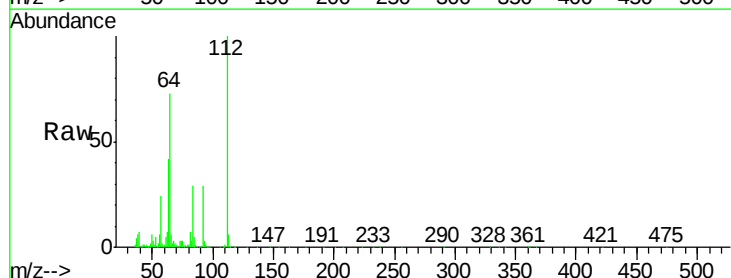
Tgt Ion:112 Resp: 727740

Ion Ratio Lower Upper

112 100

64 73.4 59.0 88.4

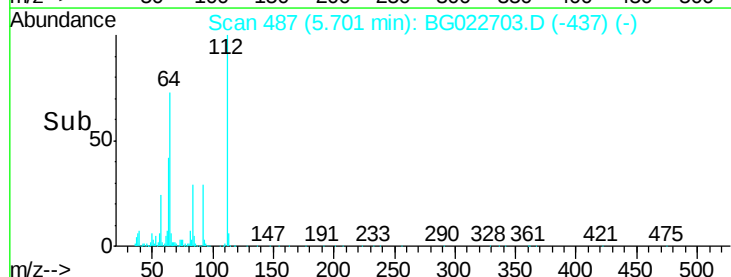
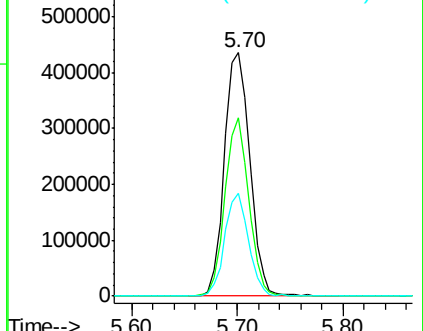
63 42.0 37.8 56.8

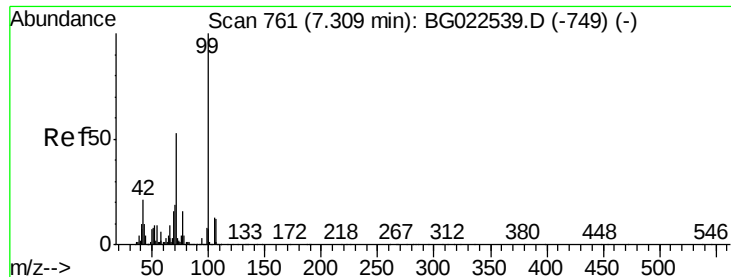


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 93.85 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG022703.D

Acq: 29 Jun 2016 21:19

Instrument :

BNA_G

ClientSampleId :

BAG-19

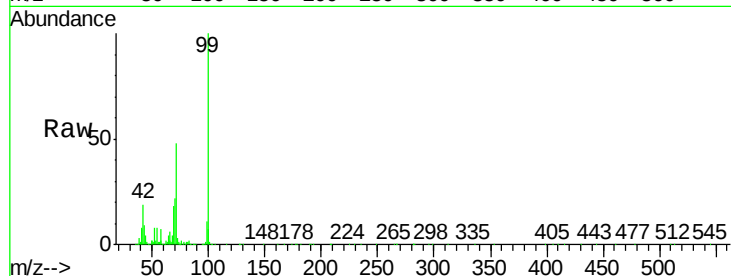
Tot Ion: 99 Resp: 825011

Ion Ratio Lower Upper

99 100

42 19.0 17.8 26.6

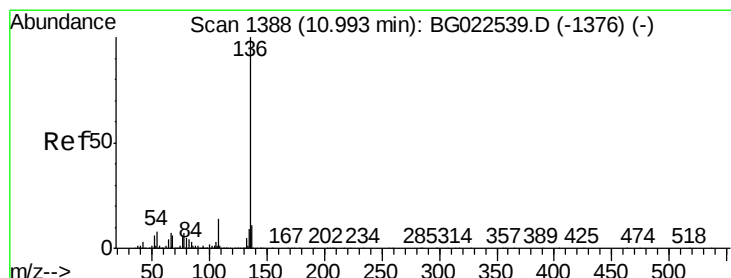
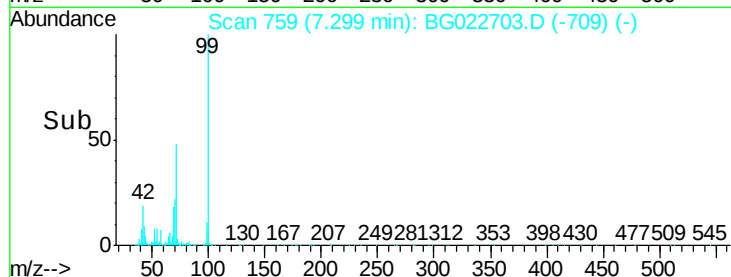
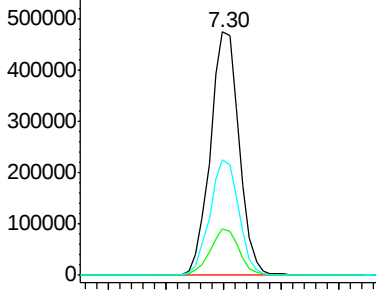
71 47.5 41.5 62.3



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: BG022703.D

Acq: 29 Jun 2016 21:19

Tgt Ion: 136 Resp: 421332

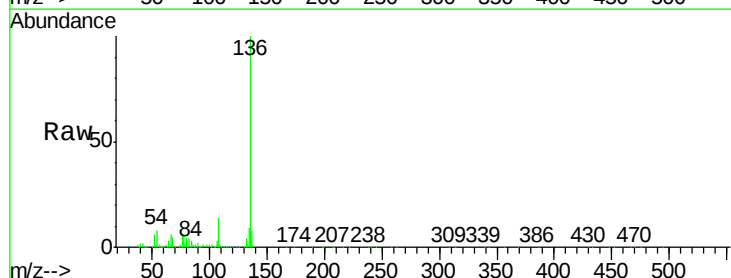
Ion Ratio Lower Upper

136 100

137 8.3 9.6 14.4#

54 7.5 7.3 10.9

68 5.3 5.3 7.9#

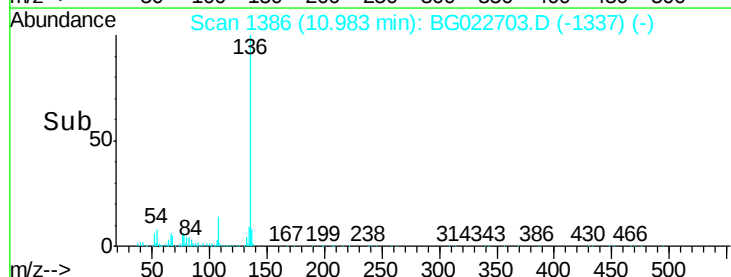
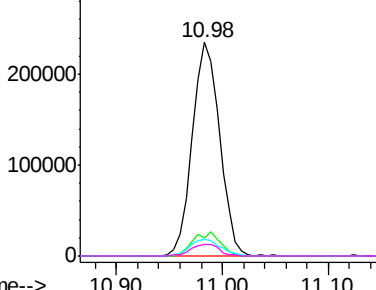


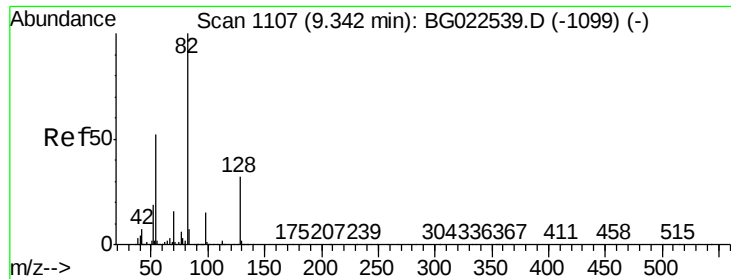
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

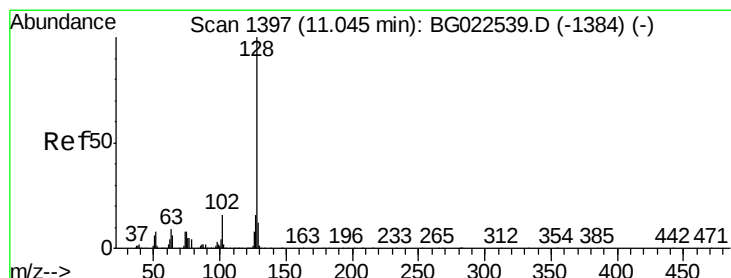
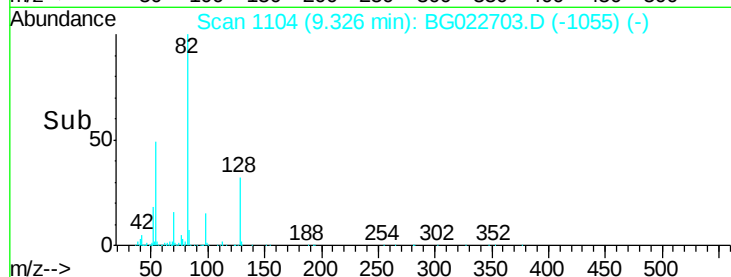
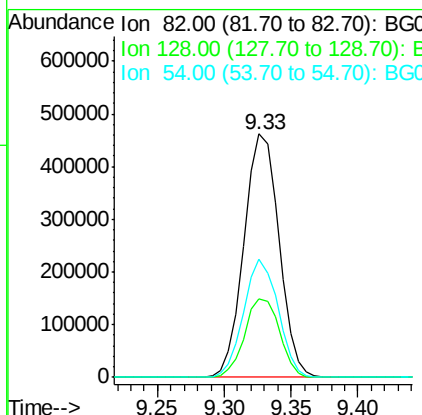
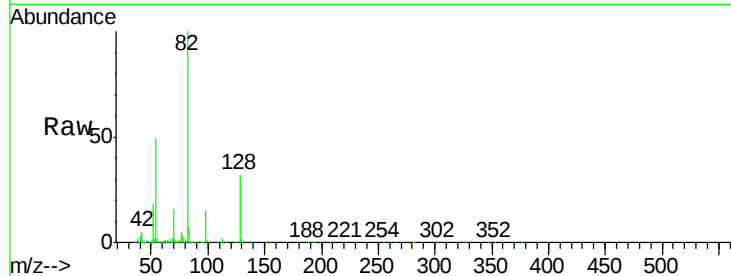




#23
Nitrobenzene-d5
Concen: 84.13 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BG022703.D
Acq: 29 Jun 2016 21:19

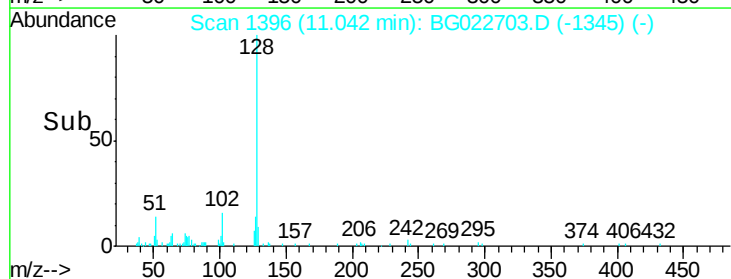
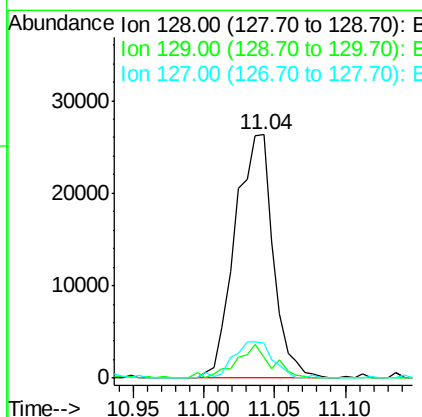
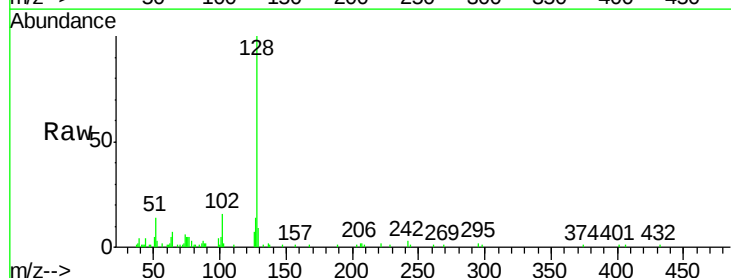
Instrument :
BNA_G
ClientSampleId :
BAG-19

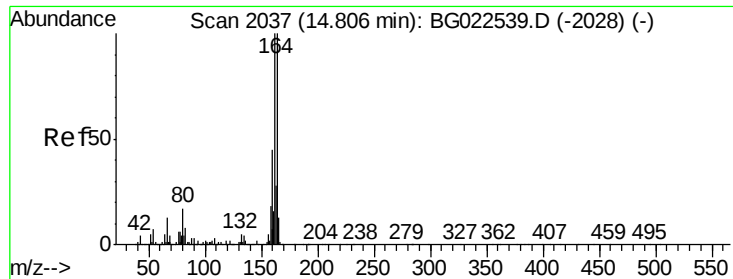
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.4	24.4	36.6
54	48.5	41.4	62.0



#31
Naphthalene
Concen: 2.34 ng
RT: 11.04 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG022703.D
Acq: 29 Jun 2016 21:19

Tgt Ion	Ratio	Lower	Upper
128	100		
129	8.7	9.4	14.0#
127	14.1	11.3	16.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG022703.D

Acq: 29 Jun 2016 21:19

Instrument :

BNA_G

ClientSampleId :

BAG-19

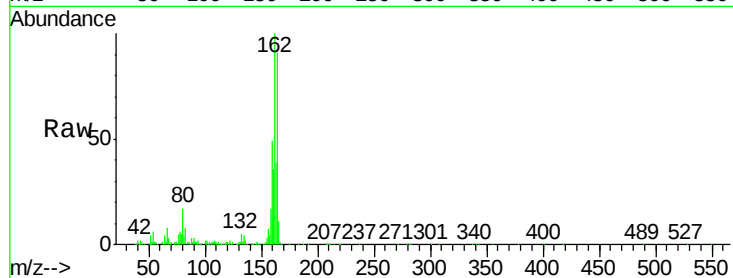
Tot Ion:164 Resp: 191404

Ion Ratio Lower Upper

164 100

162 110.3 87.7 131.5

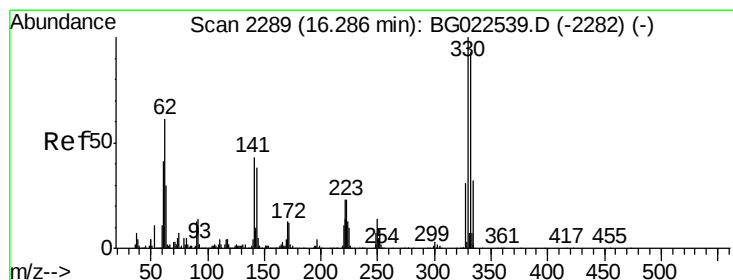
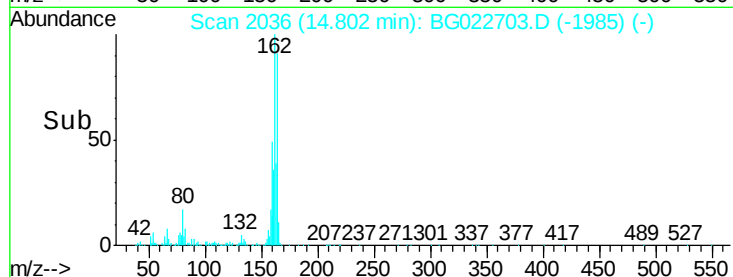
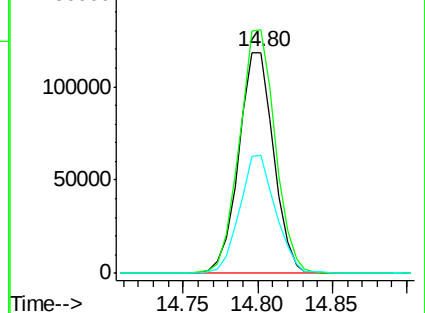
160 53.5 37.2 55.8



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: 248.61 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022703.D

Acq: 29 Jun 2016 21:19

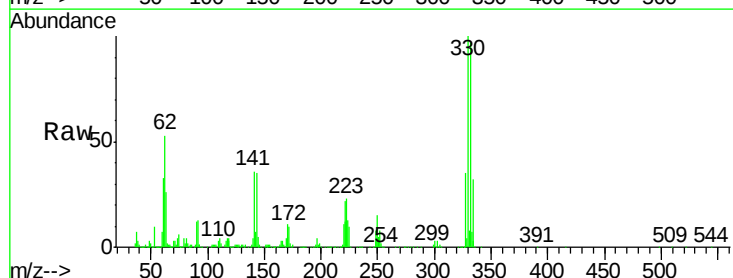
Tgt Ion:330 Resp: 748435

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

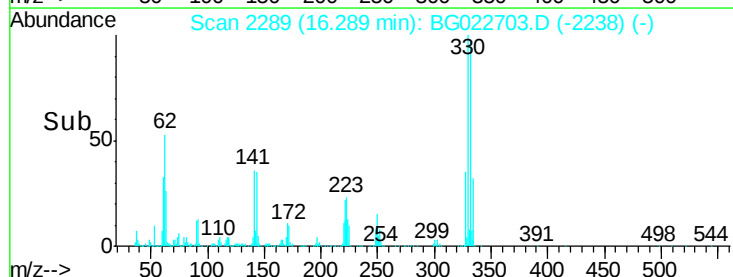
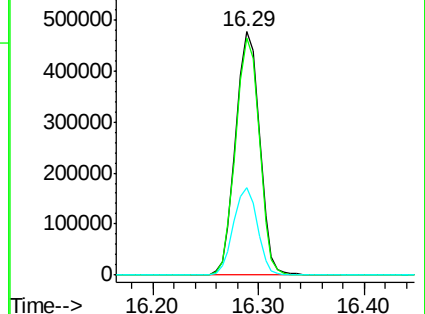
141 35.9 31.7 47.5

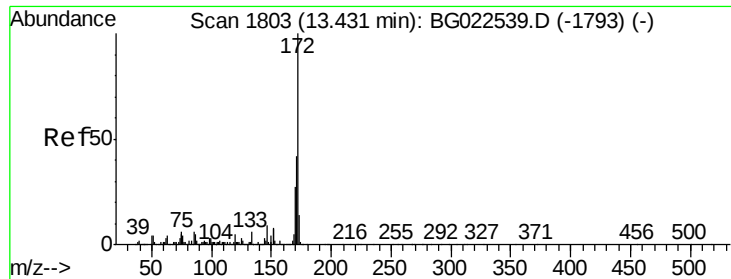


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

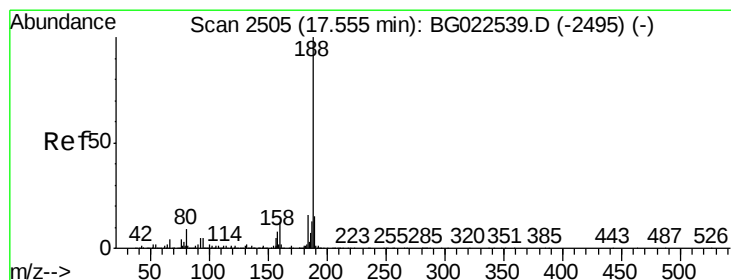
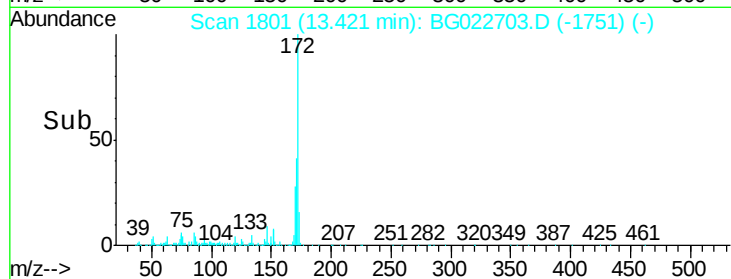
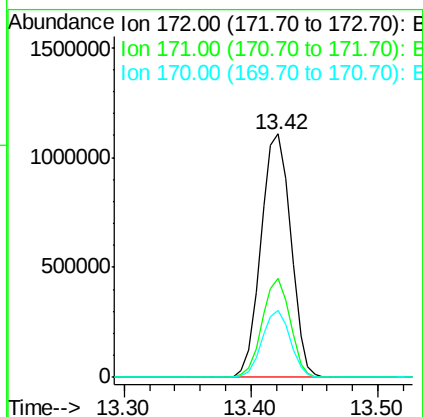
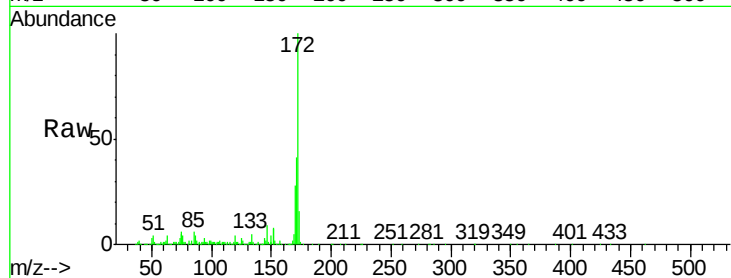




#44
2-Fluorobiphenyl
Concen: 151.08 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022703.D
Acq: 29 Jun 2016 21:19

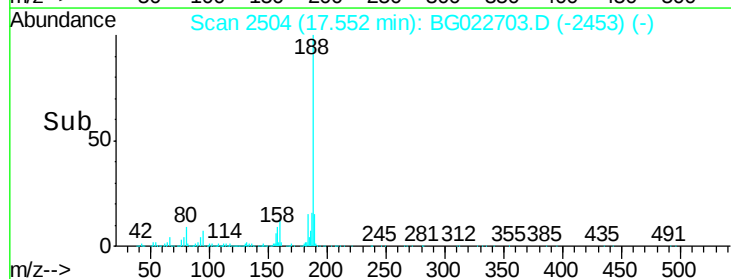
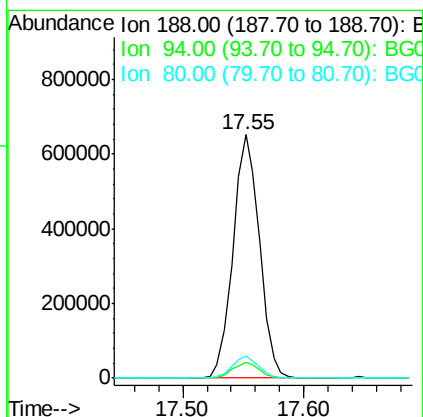
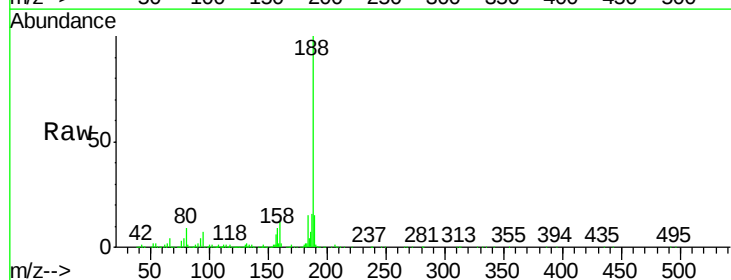
Instrument :
BNA_G
ClientSampled :
BAG-19

Tot Ion:172 Resp: 1823417
Ion Ratio Lower Upper
172 100
171 40.7 31.6 47.4
170 27.7 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: BG022703.D
Acq: 29 Jun 2016 21:19

Tgt Ion:188 Resp: 990241
Ion Ratio Lower Upper
188 100
94 6.7 5.2 7.8
80 8.9 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. -0.00 min

Lab File: BG022703.D

Acq: 29 Jun 2016 21:19

Instrument :

BNA_G

ClientSampleId :

BAG-19

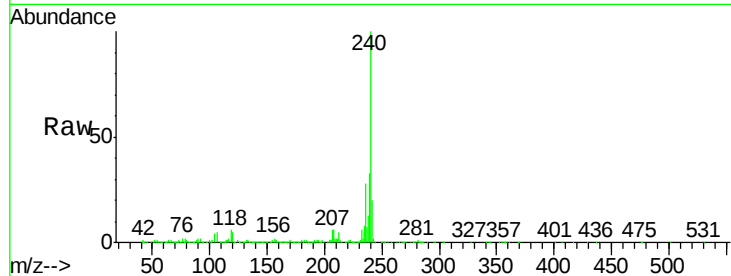
Tot Ion:240 Resp: 895875

Ion Ratio Lower Upper

240 100

120 4.6 4.1 6.1

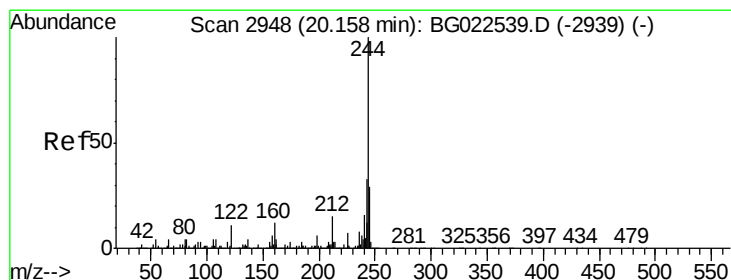
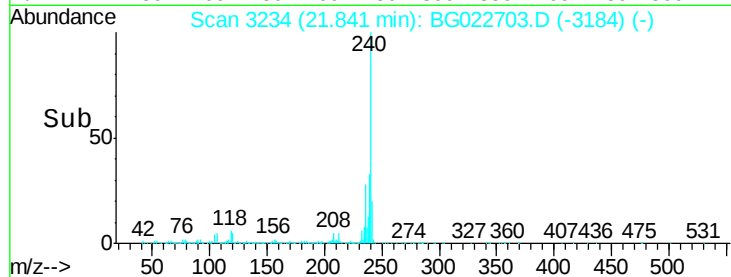
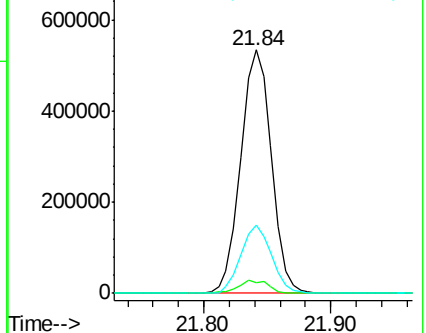
236 28.1 21.1 31.7



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: 92.50 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022703.D

Acq: 29 Jun 2016 21:19

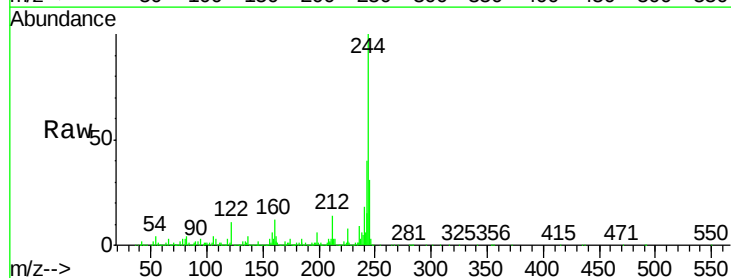
Tgt Ion:244 Resp: 3127747

Ion Ratio Lower Upper

244 100

212 13.9 10.8 16.2

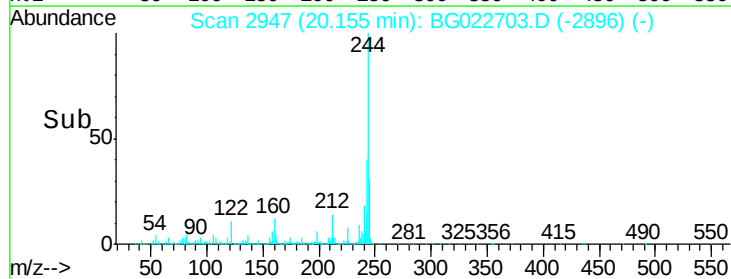
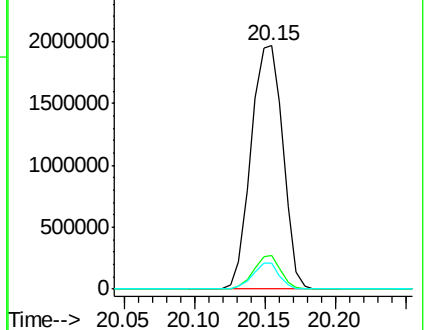
122 10.7 8.0 12.0

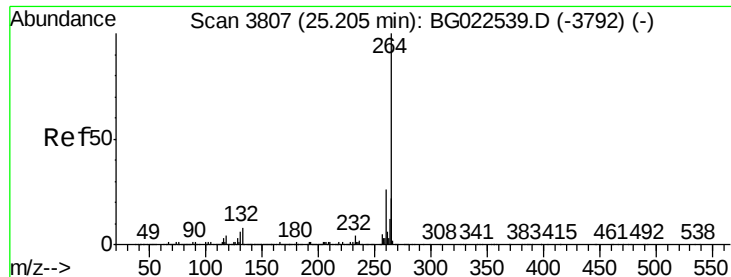


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

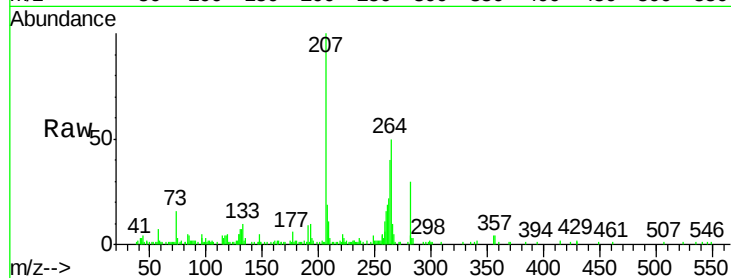




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.20 min Scan# 3805
 Delta R.T. -0.01 min
 Lab File: BG022703.D
 Acq: 29 Jun 2016 21:19

Instrument :
 BNA_G
 ClientSampleId :
 BAG-19

Tot Ion:	264	Resp:	37619
Ion	Ratio	Lower	Upper
264	100		
260	31.8	18.4	27.6#
265	20.2	18.9	28.3



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

