

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062916\
 Data File : BG022705.D
 Acq On : 29 Jun 2016 22:39
 Operator : UM/SJ
 Sample : H3828-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0581

Quant Time: Jun 30 04:28:30 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

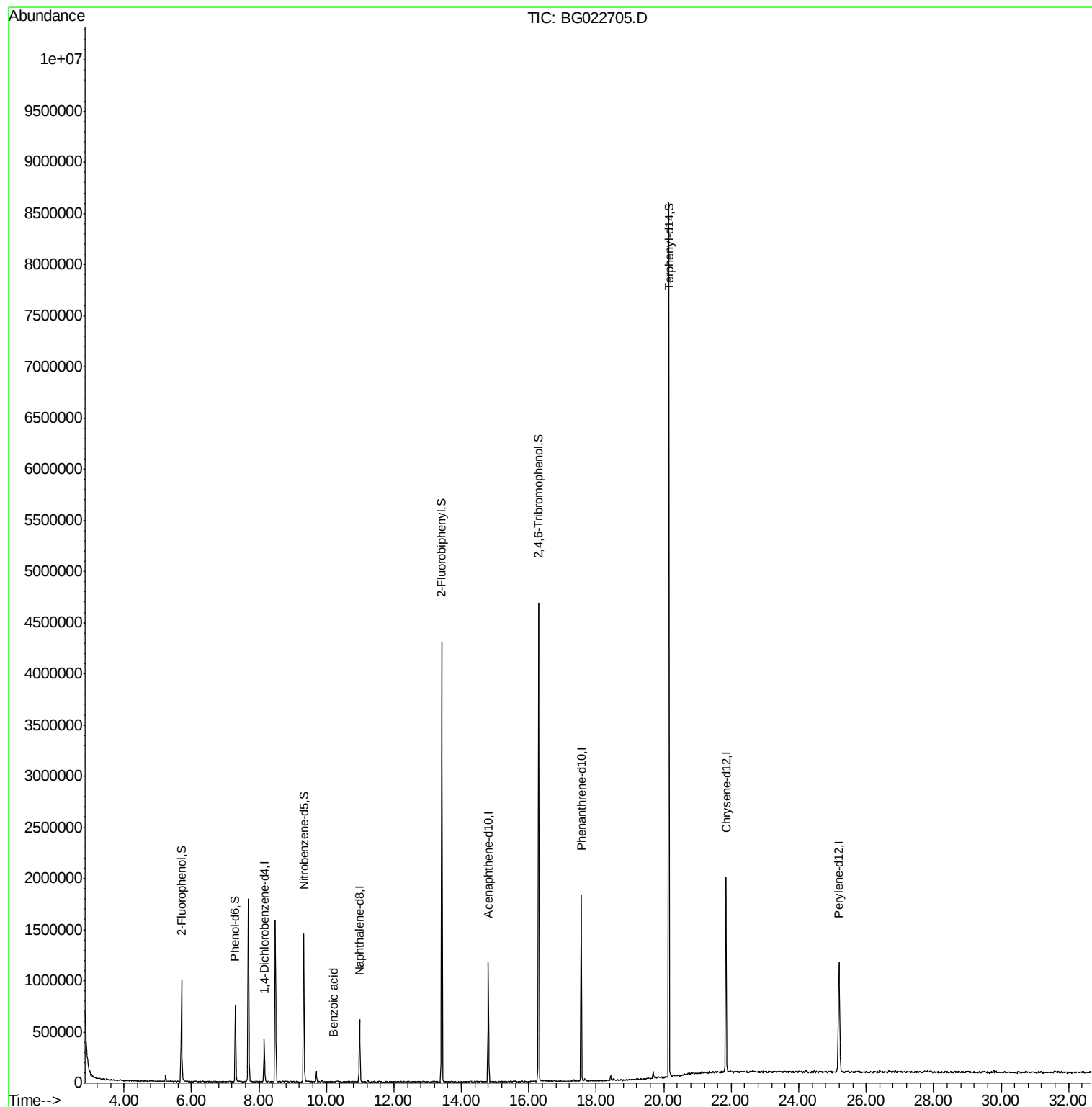
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	112283	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	480608	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	396483	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1087035	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1227710	20.00	ng	0.00
86) Perylene-d12	25.19	264	1239421	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	449250	64.17	ng	0.00
7) Phenol-d6	7.30	99	427404	43.31	ng	0.00
23) Nitrobenzene-d5	9.33	82	962244	84.74	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	887687	142.35	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2094035	83.76	ng	0.00
78) Terphenyl-d14	20.16	244	3173724	68.49	ng	0.00
Target Compounds						
32) Benzoic acid	10.22	122	96	5.13	ng	Qvalue # 1

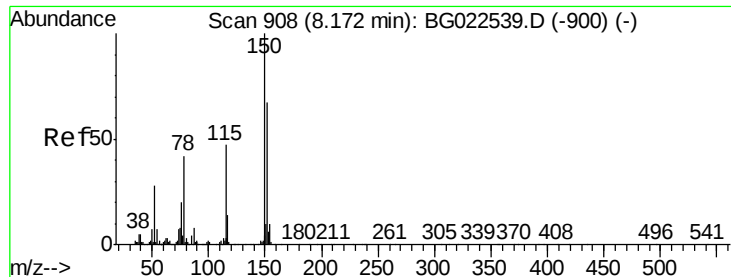
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022705.D

Acq: 29 Jun 2016 22:39

Instrument :

BNA_G

ClientSampleId :

S8-0581

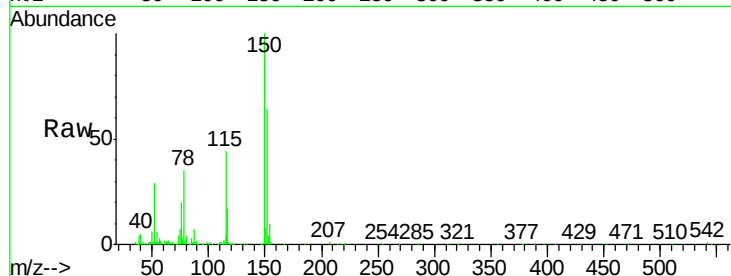
Tgt Ion:152 Resp: 112283

Ion Ratio Lower Upper

152 100

150 156.8 144.7 217.1

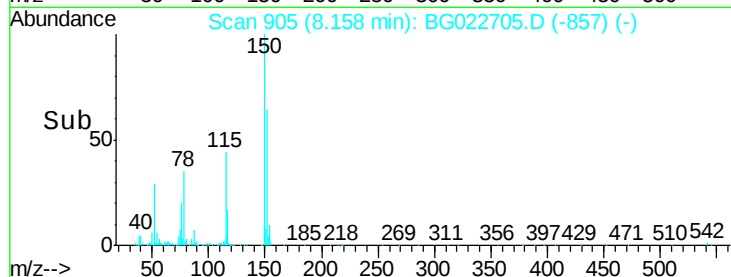
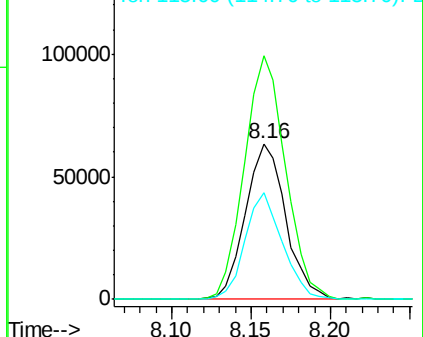
115 69.0 64.0 96.0



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: 64.17 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG022705.D

Acq: 29 Jun 2016 22:39

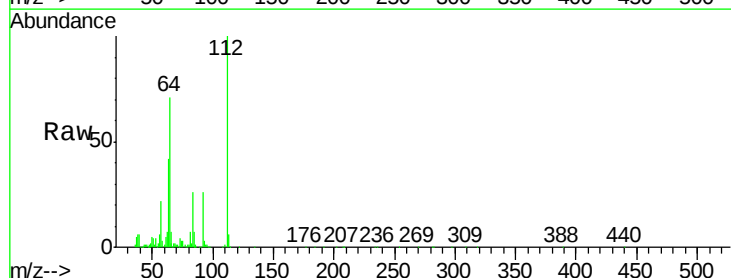
Tgt Ion:112 Resp: 449250

Ion Ratio Lower Upper

112 100

64 71.3 59.0 88.4

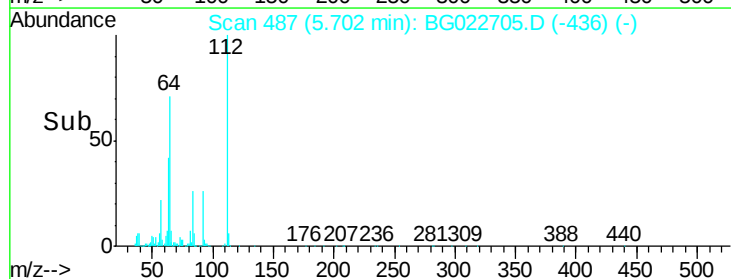
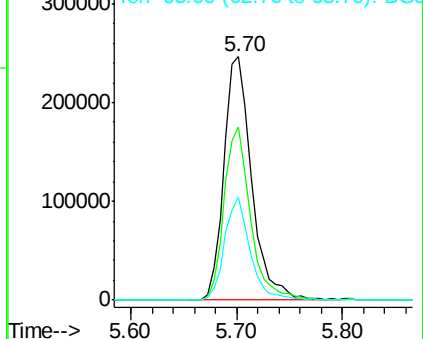
63 42.0 37.8 56.8

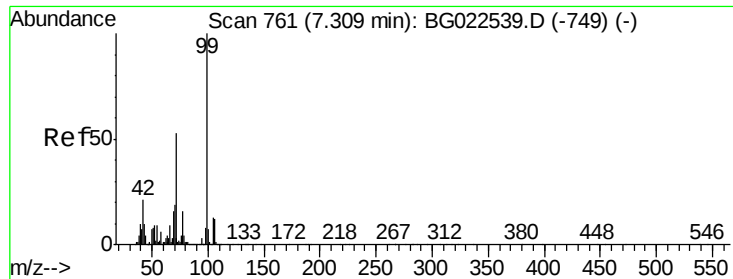


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 43.31 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG022705.D

Acq: 29 Jun 2016 22:39

Instrument :

BNA_G

ClientSampleId :

S8-0581

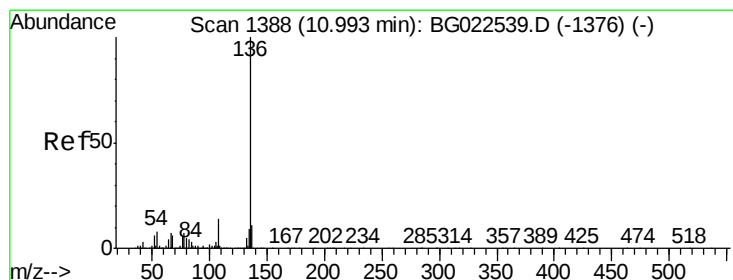
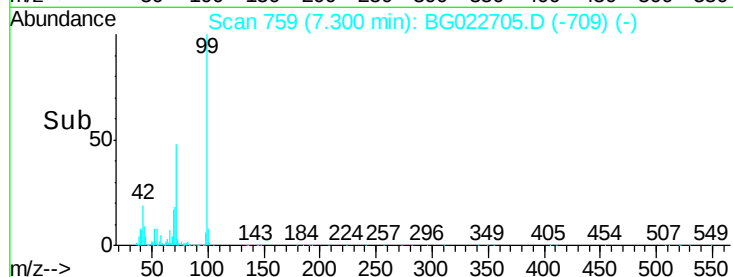
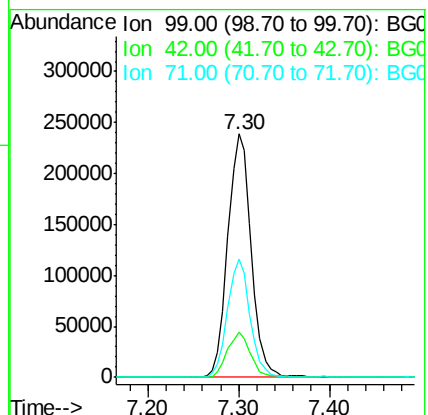
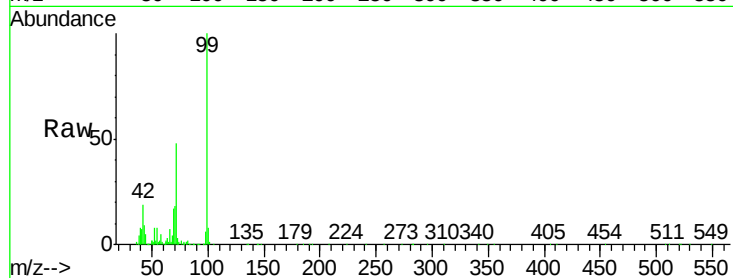
Tgt Ion: 99 Resp: 427404

Ion Ratio Lower Upper

99 100

42 18.8 17.8 26.6

71 48.4 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG022705.D

Acq: 29 Jun 2016 22:39

Tgt Ion: 136 Resp: 480608

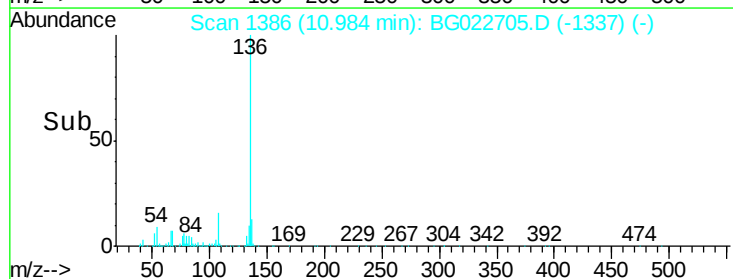
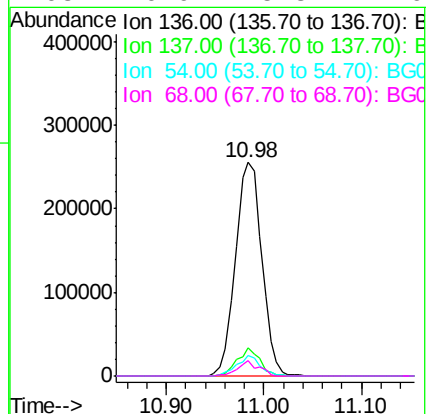
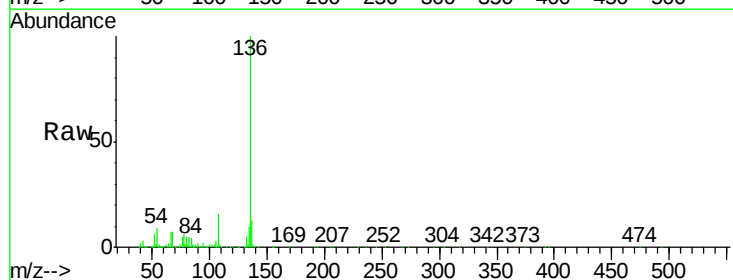
Ion Ratio Lower Upper

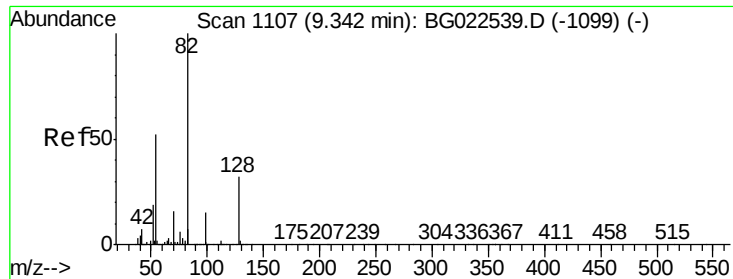
136 100

137 13.3 9.6 14.4

54 9.3 7.3 10.9

68 6.9 5.3 7.9

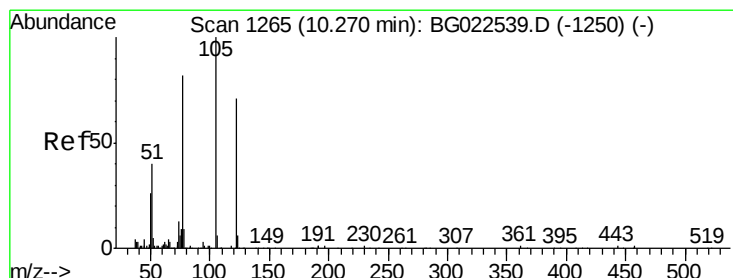
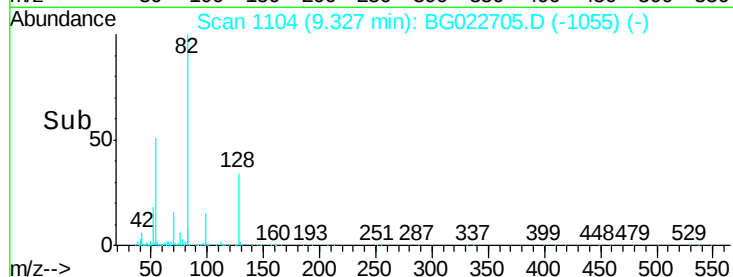
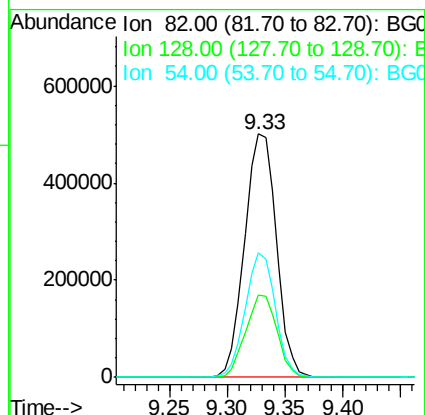
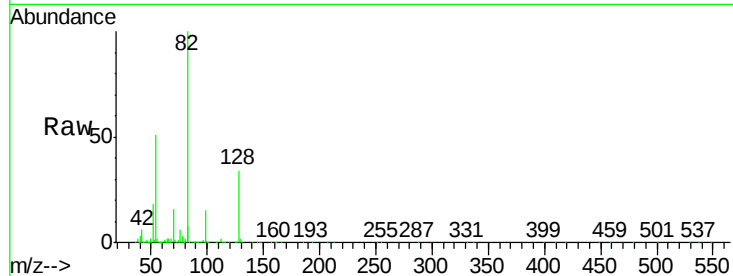




#23
 Nitrobenzene-d5
 Concen: 84.74 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BG022705.D
 Acq: 29 Jun 2016 22:39

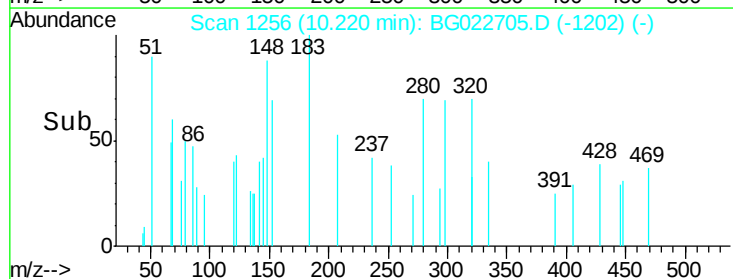
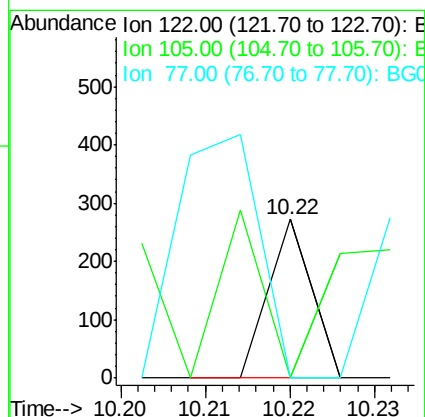
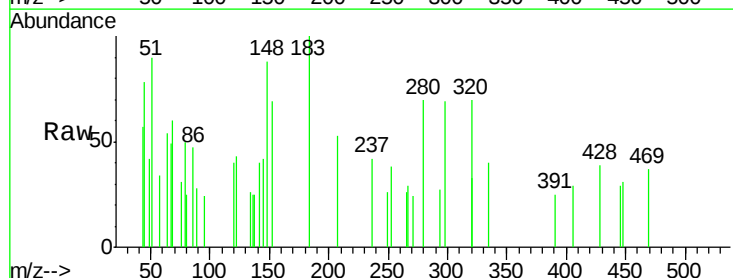
Instrument :
 BNA_G
 ClientSampleId :
 S8-0581

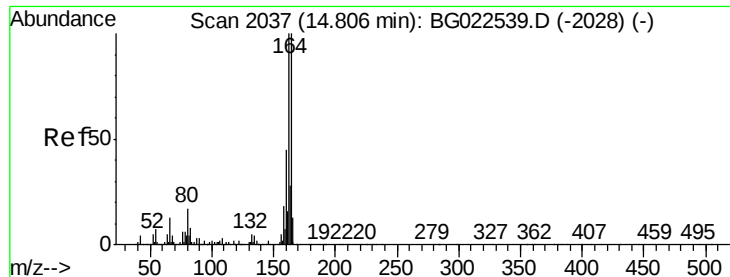
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.6	24.4	36.6
54	51.3	41.4	62.0



#32
 Benzoic acid
 Concen: 5.13 ng
 RT: 10.22 min Scan# 1256
 Delta R.T. 0.02 min
 Lab File: BG022705.D
 Acq: 29 Jun 2016 22:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	0.0	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: BG022705.D

Acq: 29 Jun 2016 22:39

Instrument :

BNA_G

ClientSampleId :

S8-0581

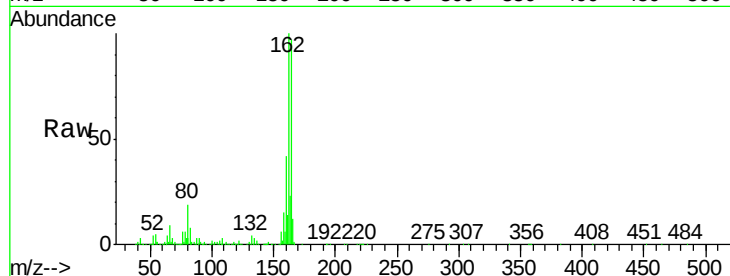
Tgt Ion:164 Resp: 396483

Ion Ratio Lower Upper

164 100

162 103.1 87.7 131.5

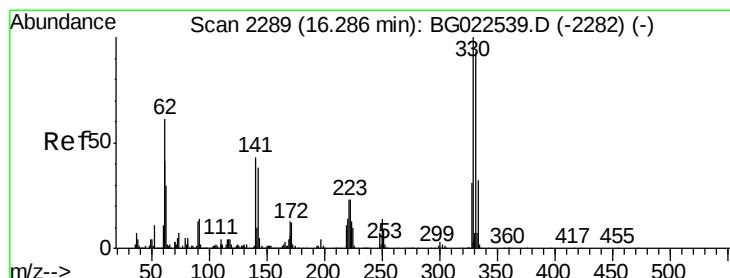
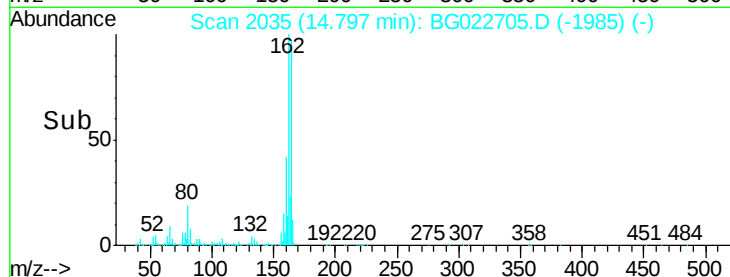
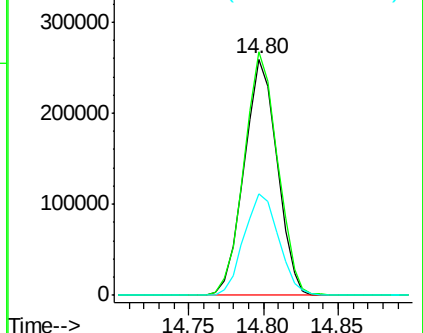
160 43.1 37.2 55.8



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: 142.35 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022705.D

Acq: 29 Jun 2016 22:39

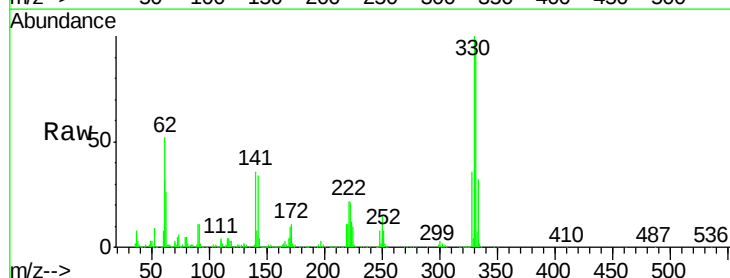
Tgt Ion:330 Resp: 887687

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

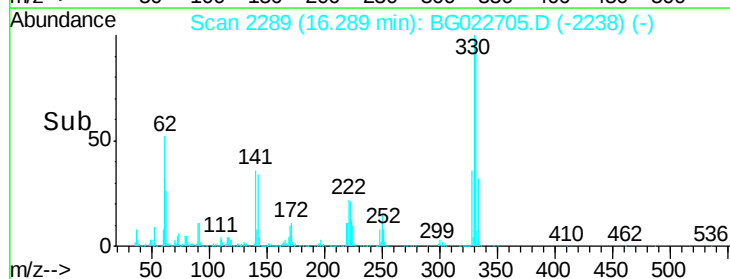
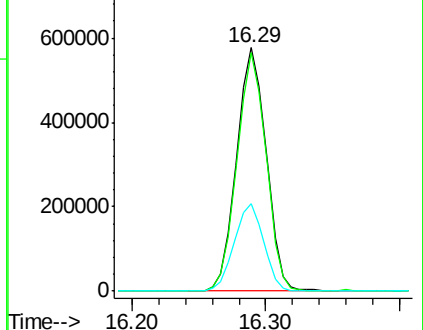
141 36.0 31.7 47.5

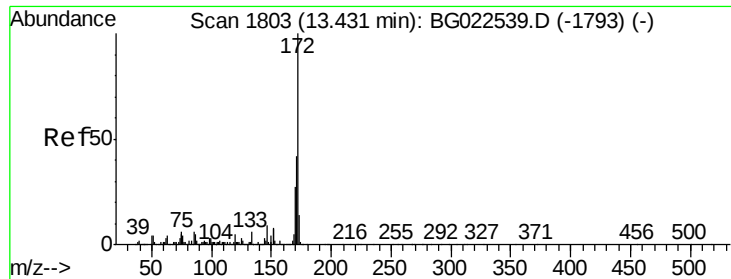


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

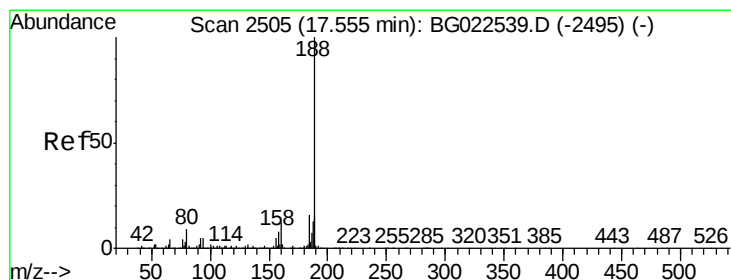
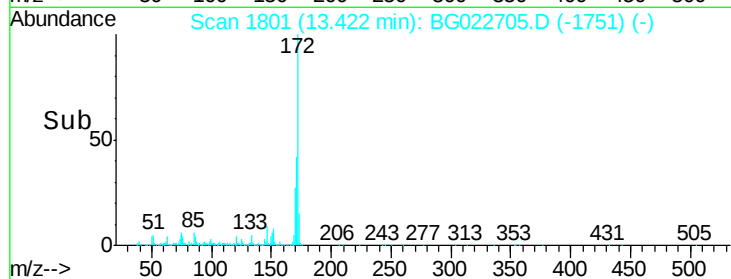
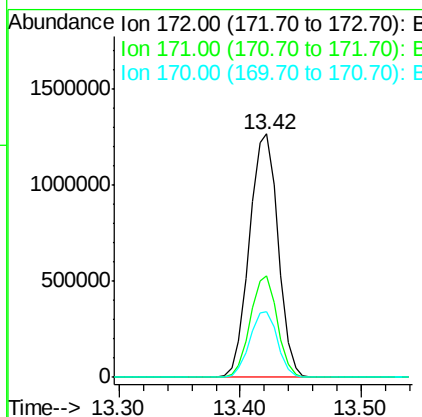
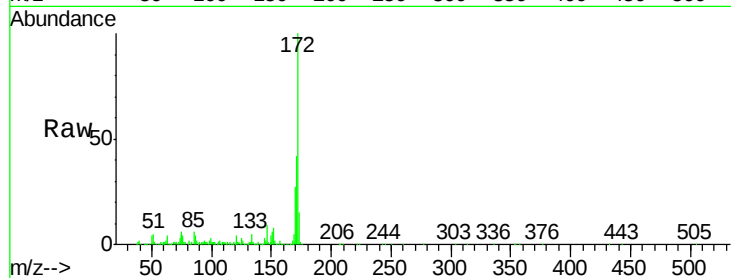




#44
 2-Fluorobiphenyl
 Concen: 83.76 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG022705.D
 Acq: 29 Jun 2016 22:39

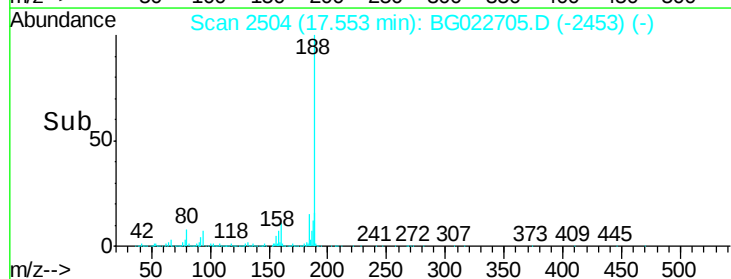
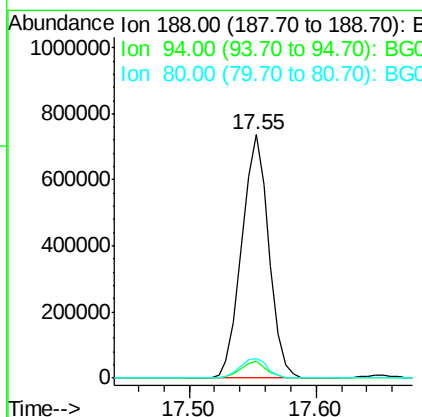
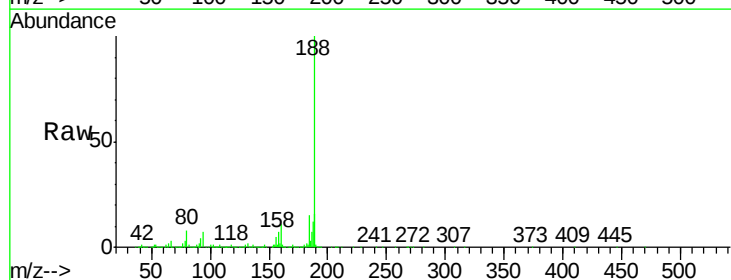
Instrument :
 BNA_G
 ClientSampleId :
 S8-0581

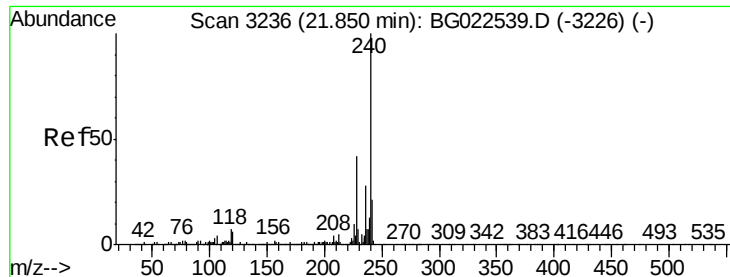
Tgt Ion:172 Resp: 2094035
 Ion Ratio Lower Upper
 172 100
 171 41.8 31.6 47.4
 170 26.8 21.3 31.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.55 min Scan# 2504
 Delta R.T. 0.00 min
 Lab File: BG022705.D
 Acq: 29 Jun 2016 22:39

Tgt Ion:188 Resp: 1087035
 Ion Ratio Lower Upper
 188 100
 94 6.9 5.2 7.8
 80 7.9 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: BG022705.D

Acq: 29 Jun 2016 22:39

Instrument :

BNA_G

ClientSampleId :

S8-0581

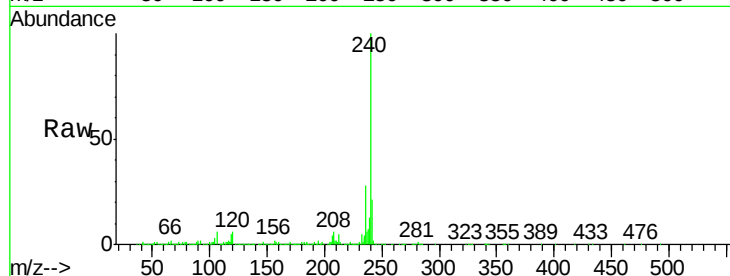
Tgt Ion:240 Resp: 1227710

Ion Ratio Lower Upper

240 100

120 5.9 4.1 6.1

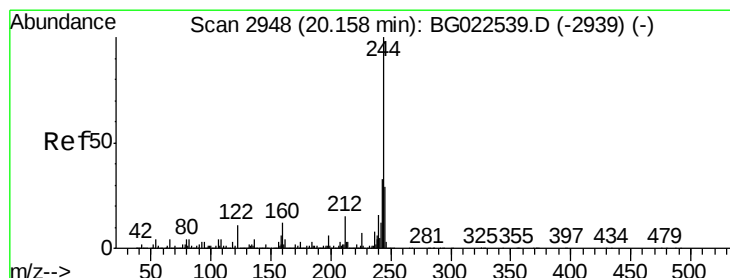
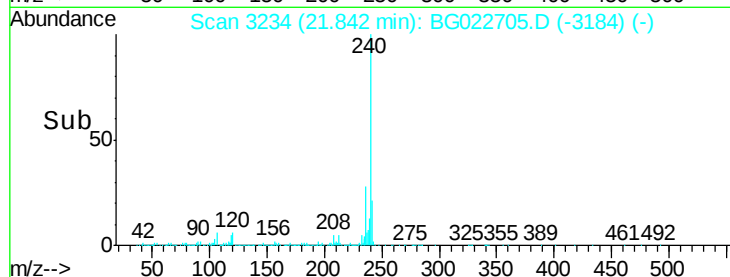
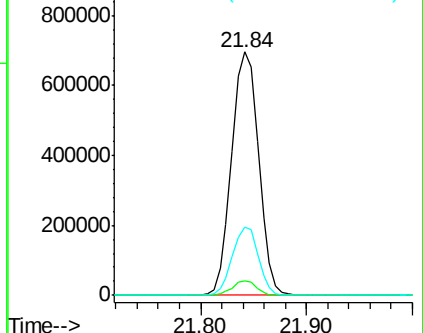
236 28.0 21.1 31.7



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: 68.49 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022705.D

Acq: 29 Jun 2016 22:39

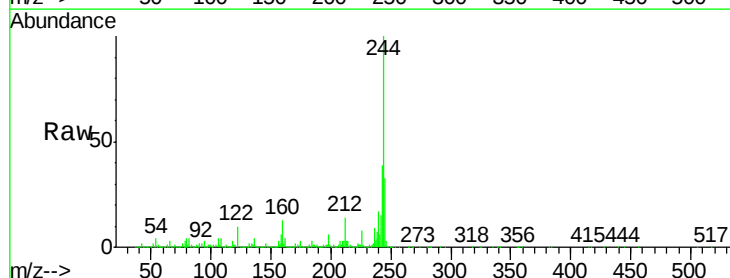
Tgt Ion:244 Resp: 3173724

Ion Ratio Lower Upper

244 100

212 13.9 10.8 16.2

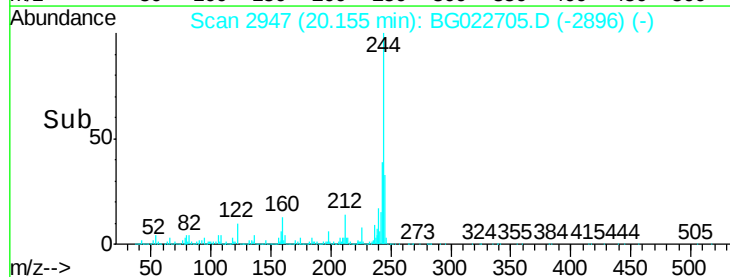
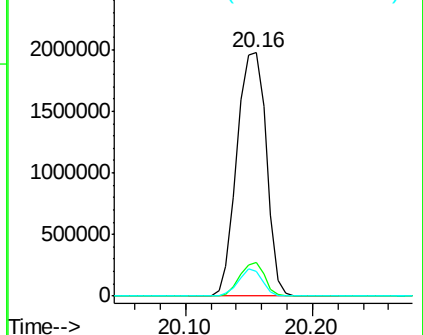
122 10.3 8.0 12.0

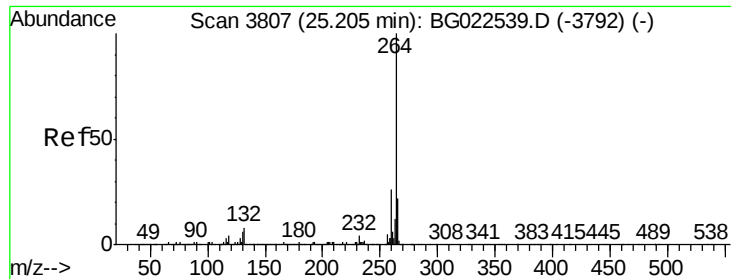


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.19 min Scan# 3804
Delta R.T. -0.02 min
Lab File: BG022705.D
Acq: 29 Jun 2016 22:39

Instrument :
BNA_G
ClientSampleId :
S8-0581

Tgt Ion: 264 Resp: 1239421

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	22.6	18.9	28.3

