

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
 Data File : BG023245.D
 Acq On : 23 Jul 2016 10:55
 Operator : UM/SJ
 Sample : H4131-25RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-7RE

Quant Time: Jul 25 01:29:04 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:46:37 2016
 Response via : Initial Calibration

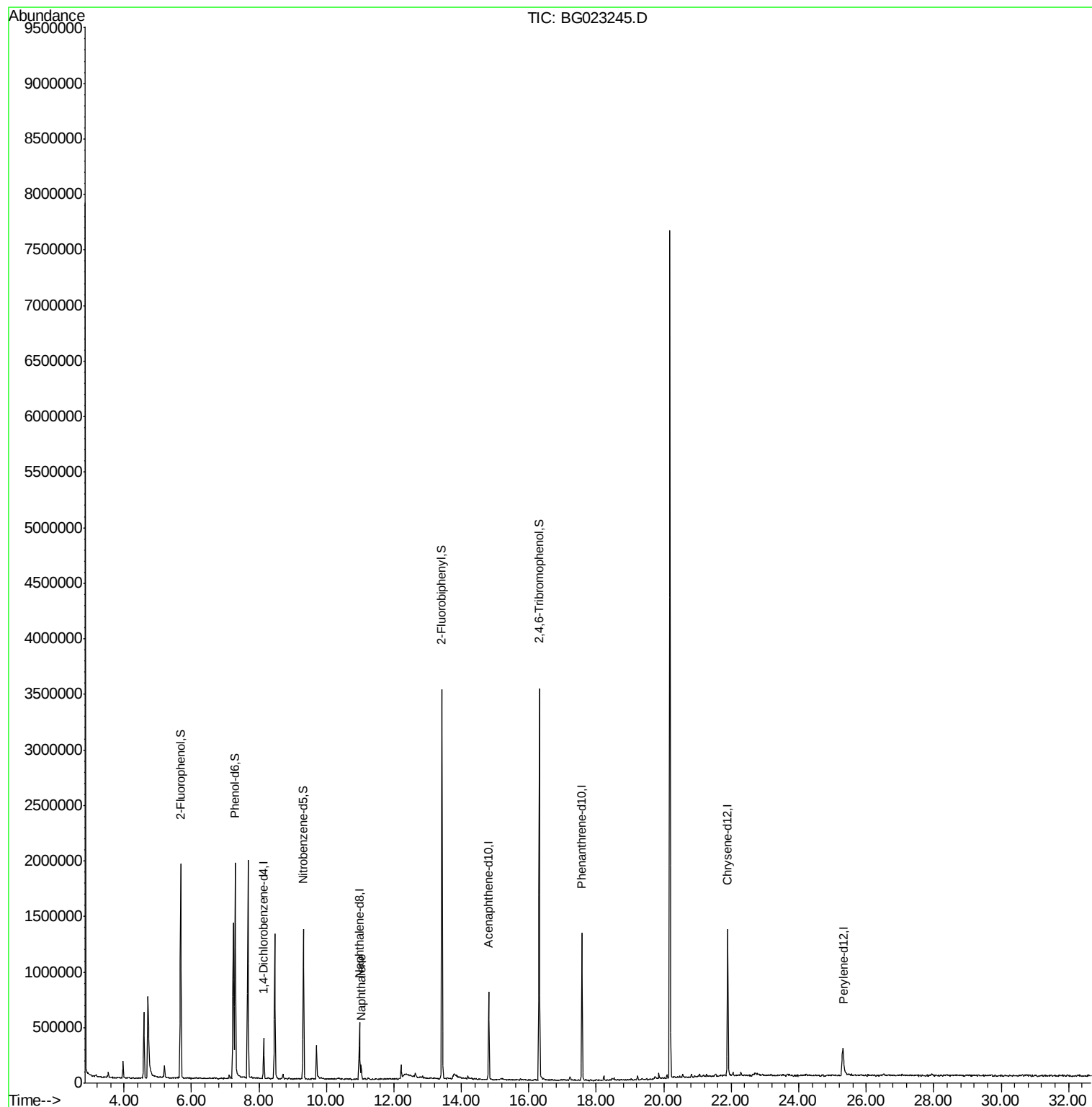
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	86877	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	401150	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	252904	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	799816	20.00	ng	0.01
75) Chrysene-d12	21.89	240	736627	20.00	ng	0.01
86) Perylene-d12	25.31	264	164747	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	732338	137.87	ng	0.00
7) Phenol-d6	7.29	99	970367	116.63	ng	0.00
23) Nitrobenzene-d5	9.31	82	858655	91.65	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	539203	118.63	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1631046	101.58	ng	0.00
78) Terphenyl-d14	20.18	244	2609677	-20.00	ng	0.02
Target Compounds						
31) Naphthalene	11.03	128	108439	5.31	ng	Qvalue 97

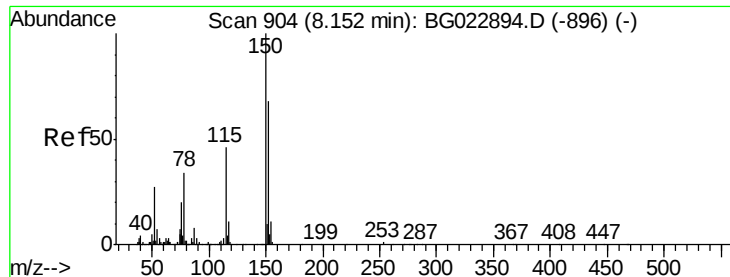
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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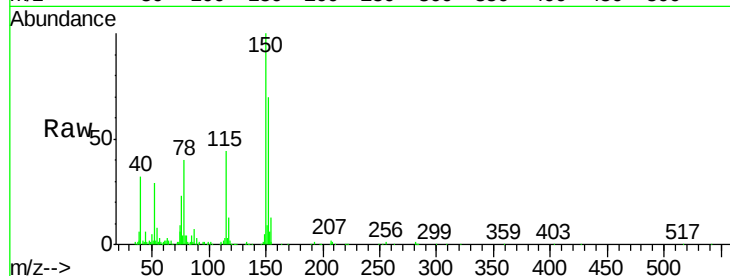


#1

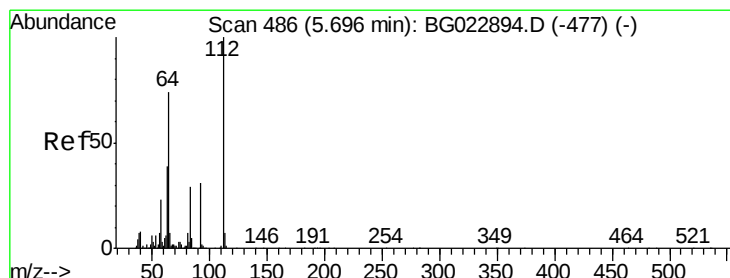
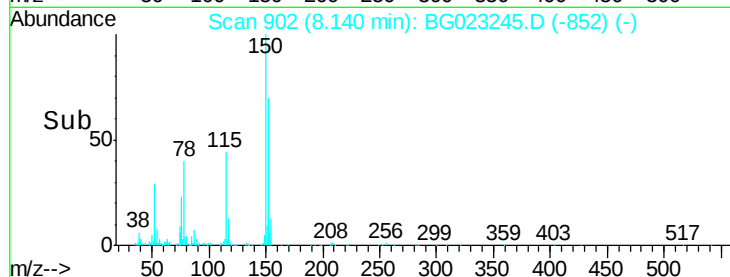
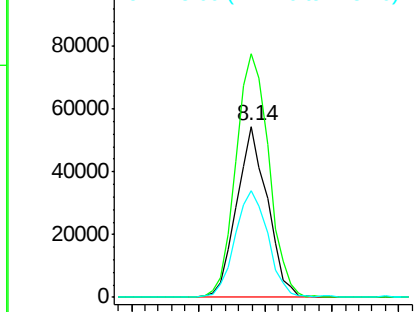
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.00 min
Lab File: BG023245.D
Acq: 23 Jul 2016 10:55

Instrument :
BNA_G
ClientSampled :
D-7RE

Tgt Ion:152 Resp: 86877
Ion Ratio Lower Upper
152 100
150 142.6 144.7 217.1#
115 62.2 64.0 96.0#



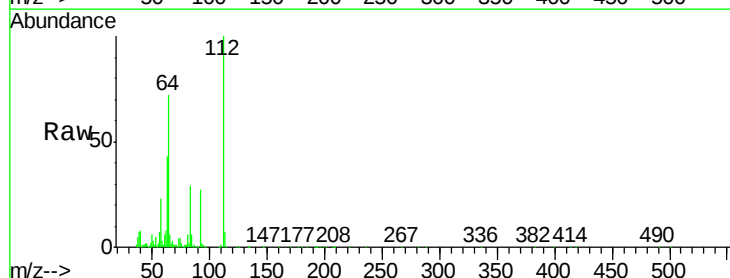
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



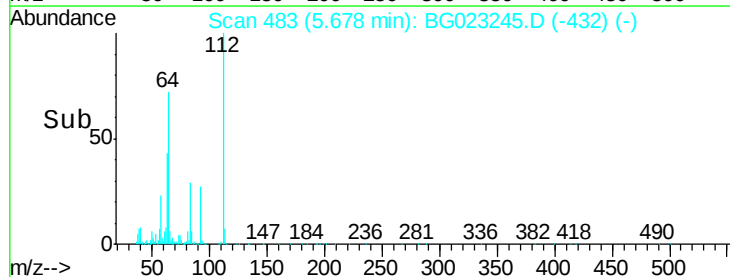
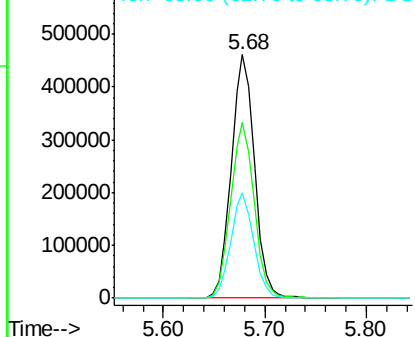
#5

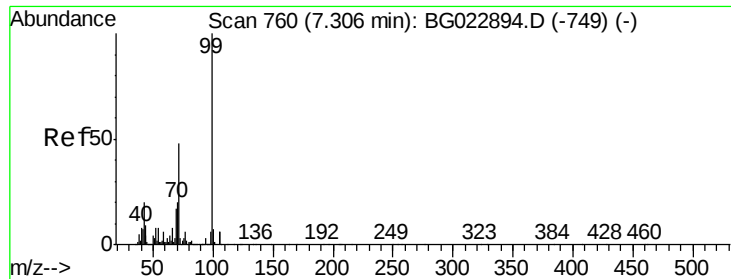
2-Fluorophenol
Concen: 137.87 ng
RT: 5.68 min Scan# 483
Delta R.T. 0.00 min
Lab File: BG023245.D
Acq: 23 Jul 2016 10:55

Tgt Ion:112 Resp: 732338
Ion Ratio Lower Upper
112 100
64 72.1 59.0 88.4
63 43.1 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: 116.63 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG023245.D

Acq: 23 Jul 2016 10:55

Instrument :

BNA_G

ClientSampleId :

D-7RE

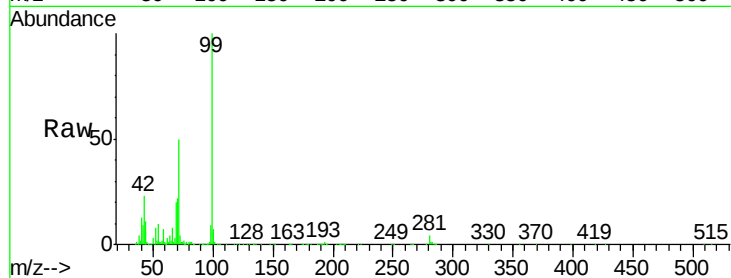
Tgt Ion: 99 Resp: 970367

Ion Ratio Lower Upper

99 100

42 22.7 17.8 26.6

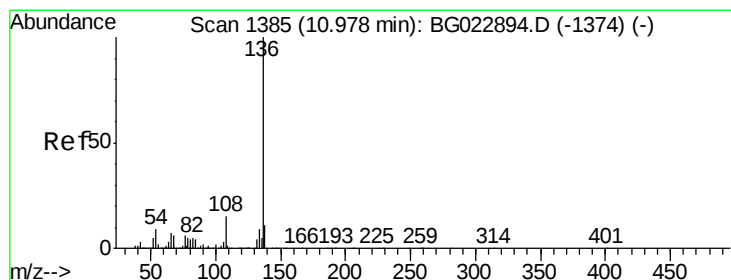
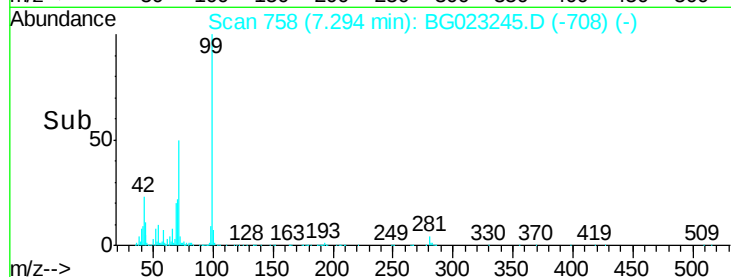
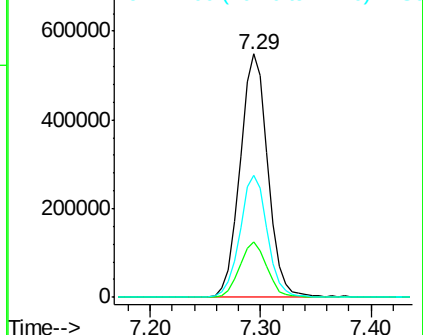
71 50.4 41.5 62.3



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# 1385

Delta R.T. 0.00 min

Lab File: BG023245.D

Acq: 23 Jul 2016 10:55

Tgt Ion: 136 Resp: 401150

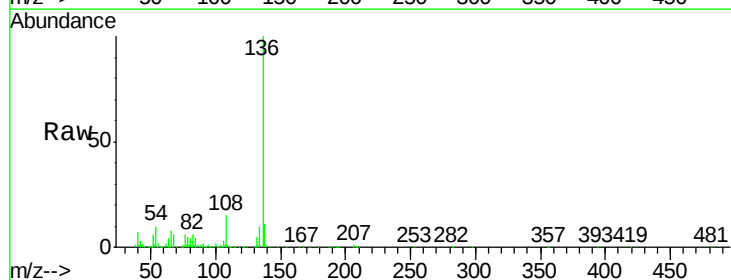
Ion Ratio Lower Upper

136 100

137 10.7 9.6 14.4

54 10.0 7.3 10.9

68 6.3 5.3 7.9

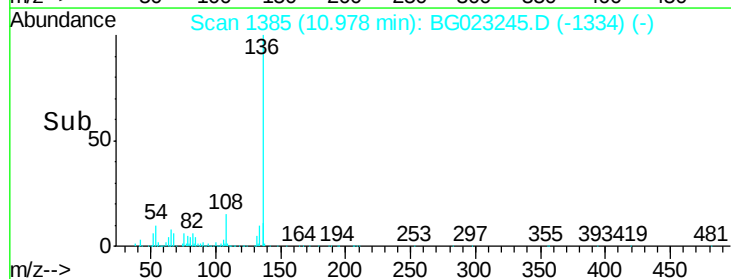
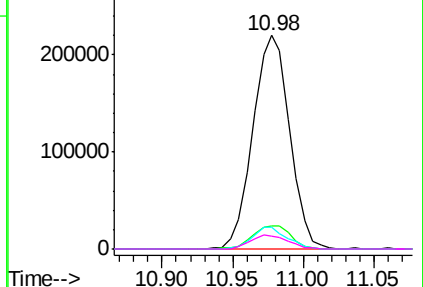


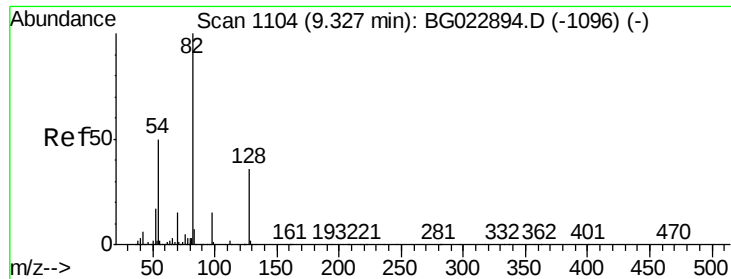
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

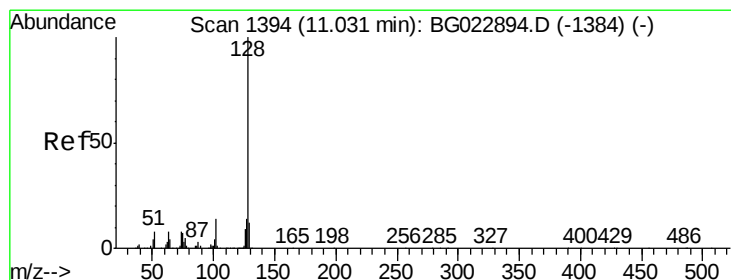
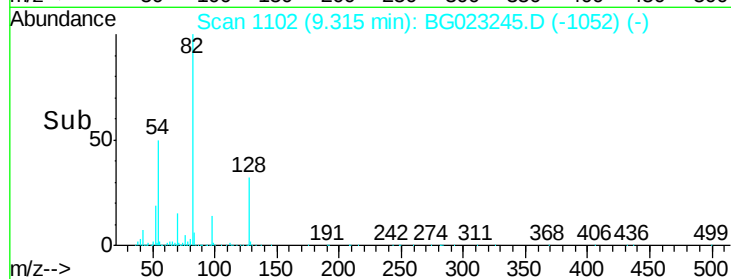
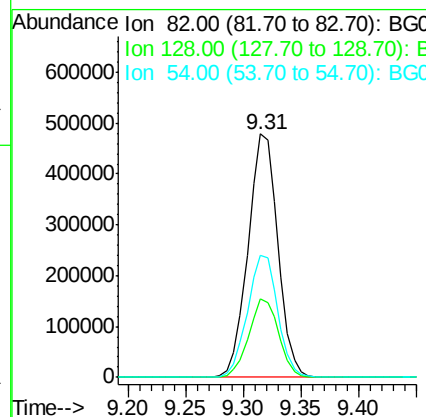
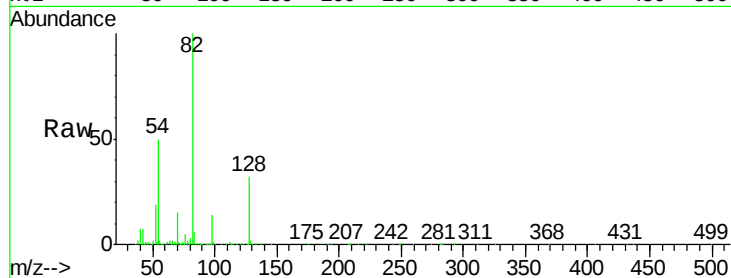




#23
Nitrobenzene-d5
Concen: 91.65 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BG023245.D
Acq: 23 Jul 2016 10:55

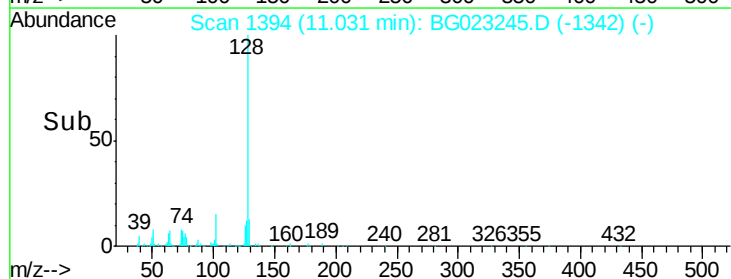
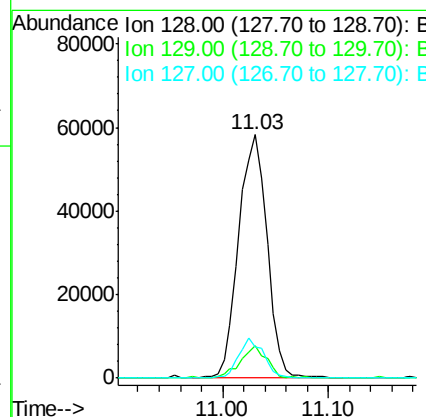
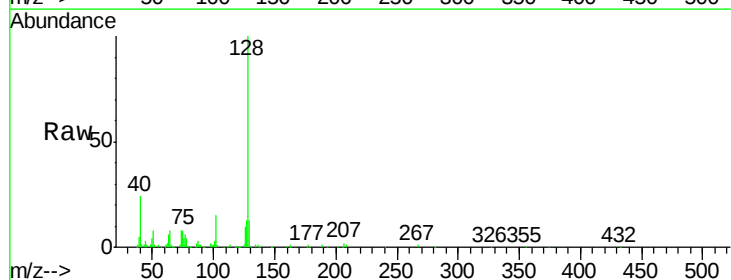
Instrument :
BNA_G
ClientSampleId :
D-7RE

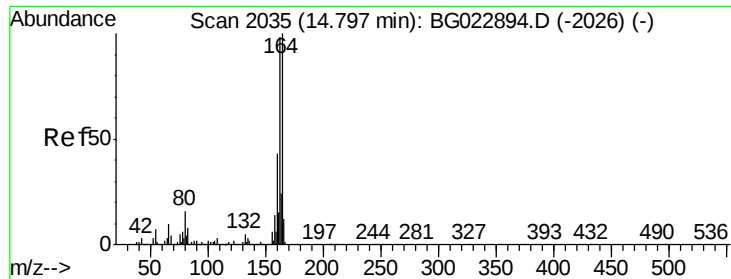
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.3	24.4	36.6
54	50.3	41.4	62.0



#31
Naphthalene
Concen: 5.31 ng
RT: 11.03 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BG023245.D
Acq: 23 Jul 2016 10:55

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.4	14.0
127	12.9	11.3	16.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BG023245.D

Acq: 23 Jul 2016 10:55

Instrument :

BNA_G

ClientSampleId :

D-7RE

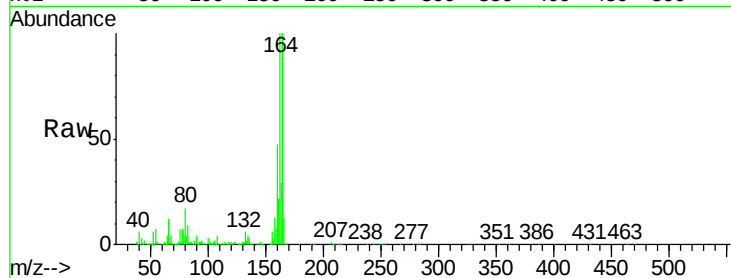
Tgt Ion:164 Resp: 252904

Ion Ratio Lower Upper

164 100

162 100.1 87.7 131.5

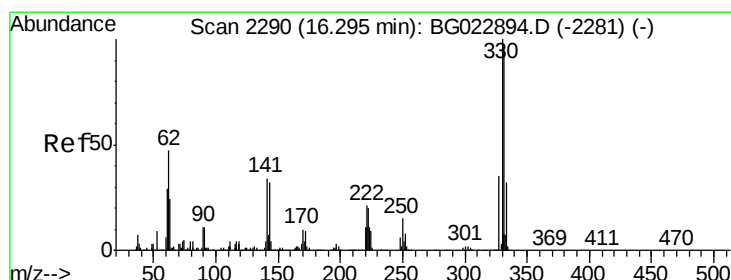
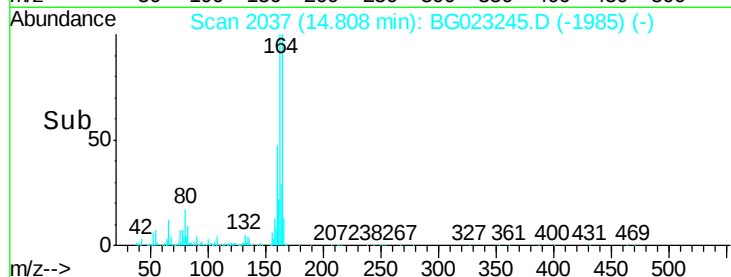
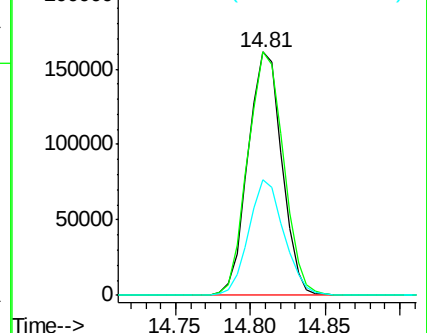
160 47.5 37.2 55.8



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: 118.63 ng

RT: 16.31 min Scan# 2292

Delta R.T. 0.01 min

Lab File: BG023245.D

Acq: 23 Jul 2016 10:55

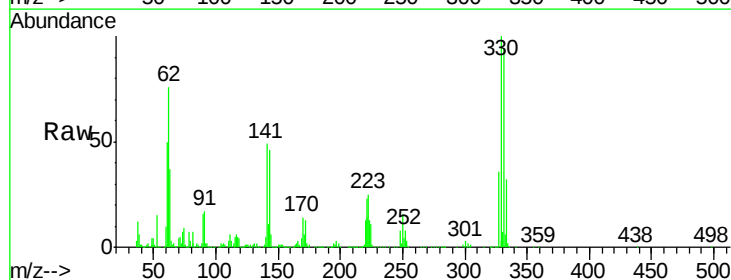
Tgt Ion:330 Resp: 539203

Ion Ratio Lower Upper

330 100

332 94.4 77.4 116.2

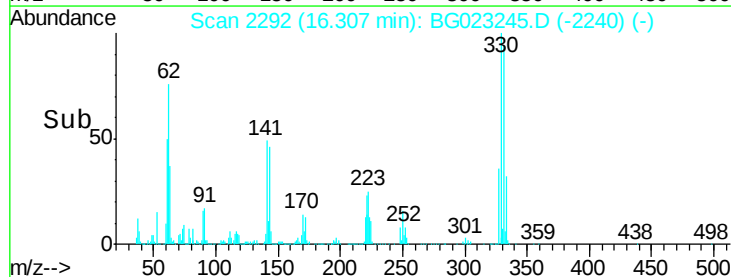
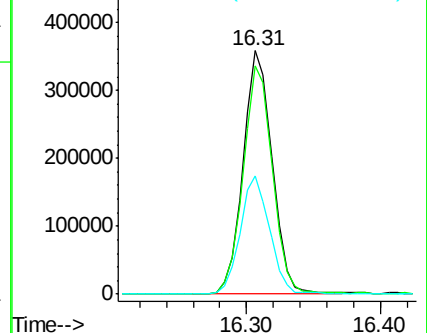
141 49.4 31.7 47.5#

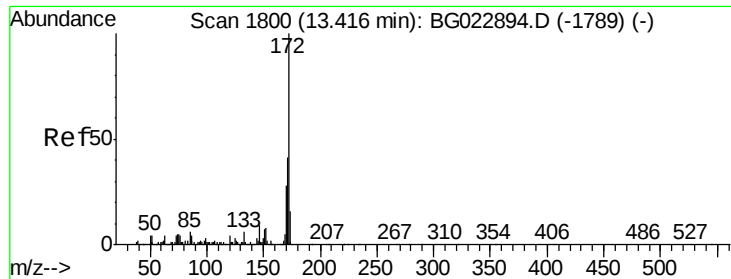


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

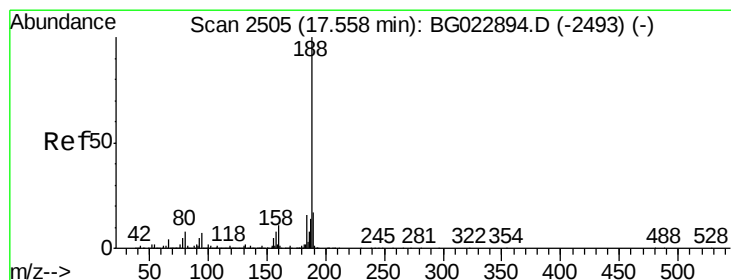
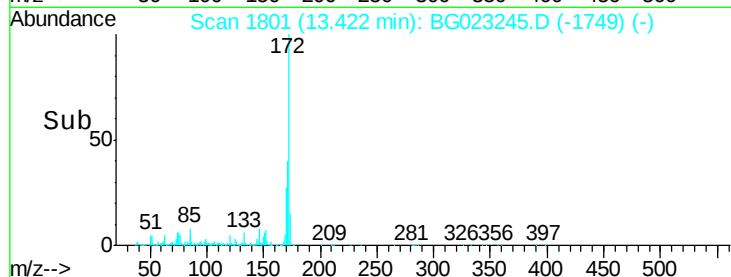
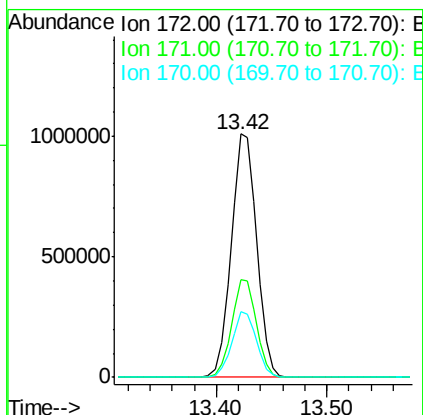
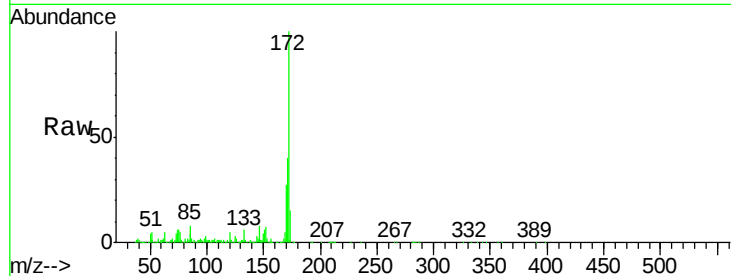




#44
 2-Fluorobiphenyl
 Concen: 101.58 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: BG023245.D
 Acq: 23 Jul 2016 10:55

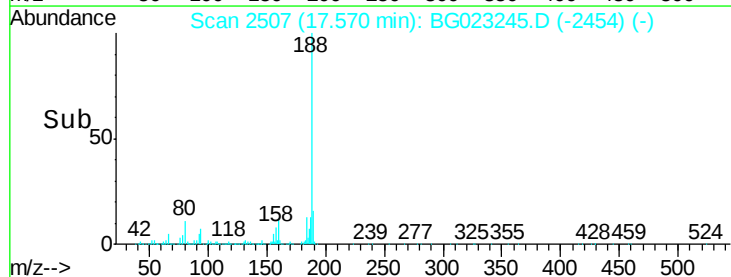
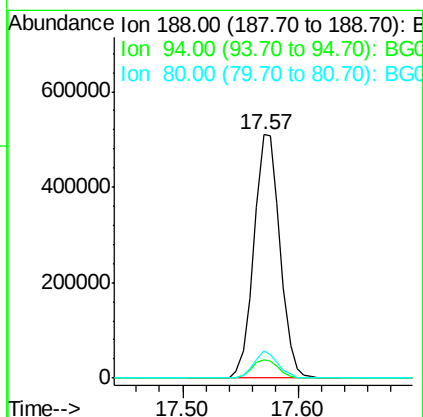
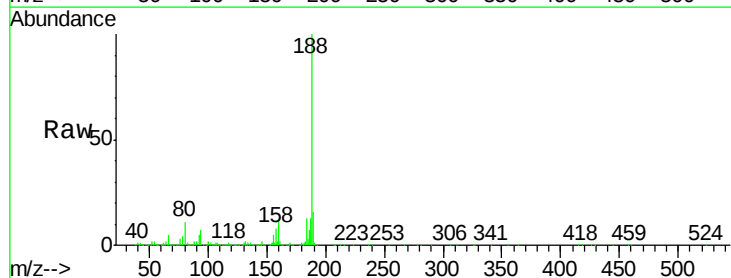
Instrument :
 BNA_G
 ClientSampleId :
 D-7RE

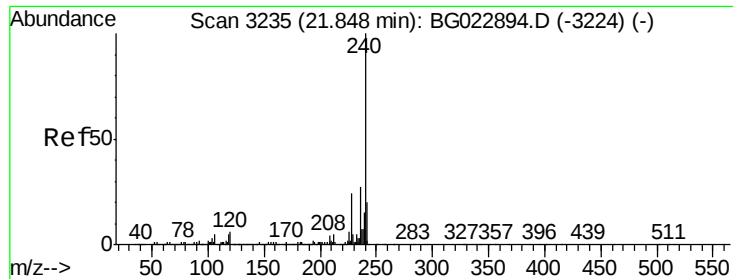
Tgt Ion:172 Resp: 1631046
 Ion Ratio Lower Upper
 172 100
 171 40.1 31.6 47.4
 170 26.9 21.3 31.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 2507
 Delta R.T. 0.01 min
 Lab File: BG023245.D
 Acq: 23 Jul 2016 10:55

Tgt Ion:188 Resp: 799816
 Ion Ratio Lower Upper
 188 100
 94 7.5 5.2 7.8
 80 11.2 7.2 10.8#

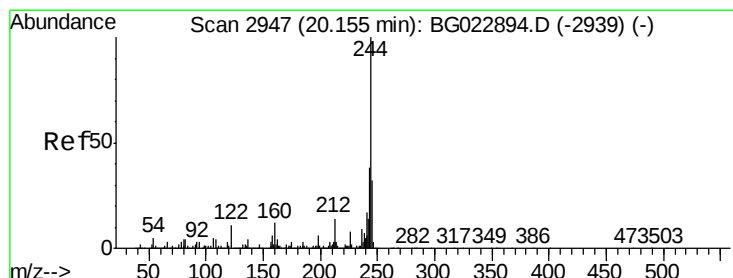
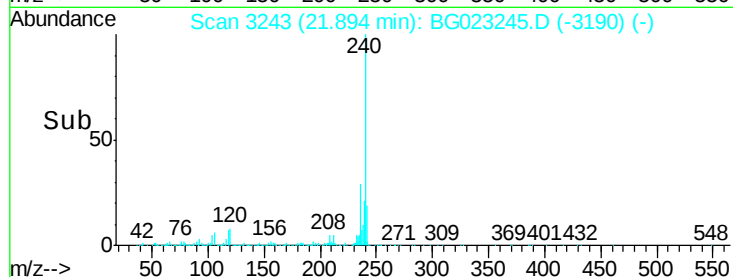
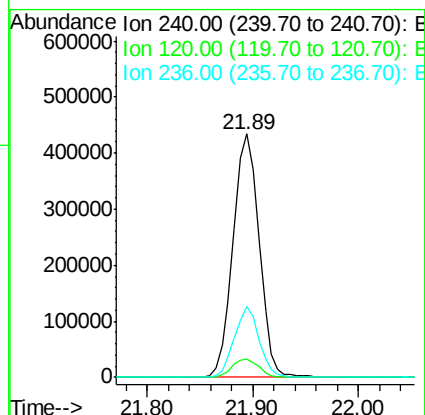
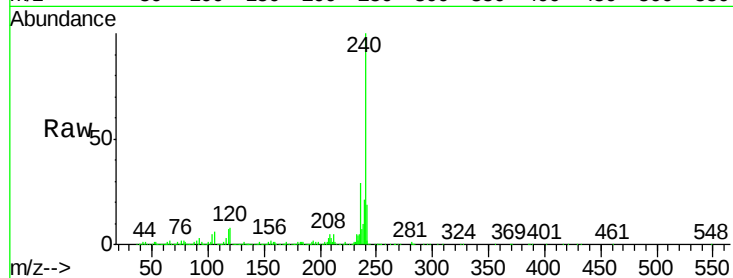




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.01 min
Lab File: BG023245.D
Acq: 23 Jul 2016 10:55

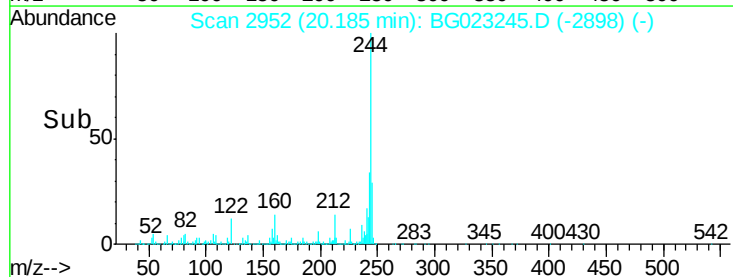
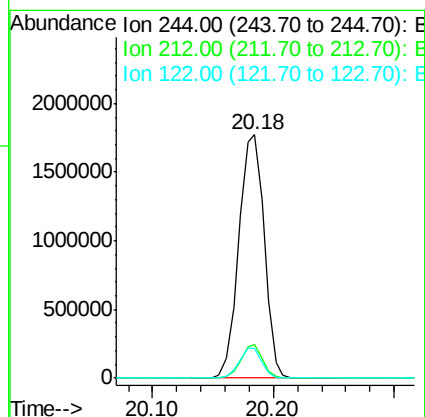
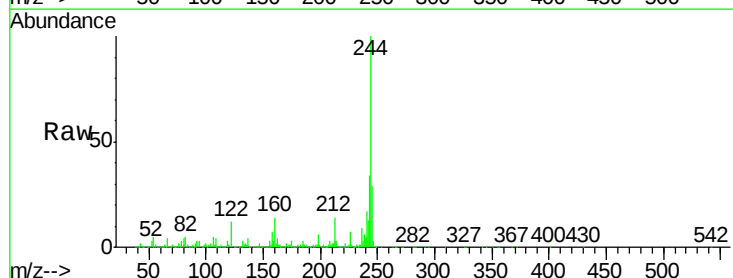
Instrument :
BNA_G
ClientSampleId :
D-7RE

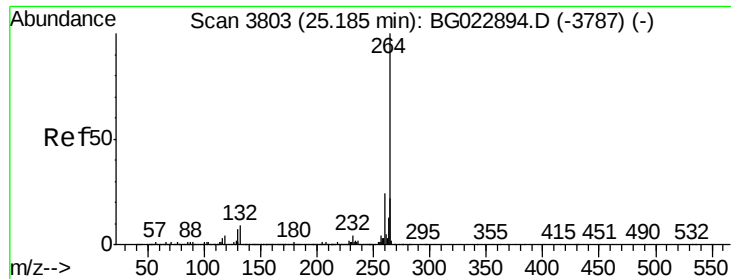
Tgt Ion:240 Resp: 736627
Ion Ratio Lower Upper
240 100
120 7.5 4.1 6.1#
236 28.9 21.1 31.7



#78
Terphenyl-d14
Concen: -20.00 ng
RT: 20.18 min Scan# 2952
Delta R.T. 0.02 min
Lab File: BG023245.D
Acq: 23 Jul 2016 10:55

Tgt Ion:244 Resp: 2609677
Ion Ratio Lower Upper
244 100
212 13.9 10.8 16.2
122 12.1 8.0 12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.31 min Scan# 3824
Delta R.T. 0.04 min
Lab File: BG023245.D
Acq: 23 Jul 2016 10:55

Instrument :
BNA_G
ClientSampleId :
D-7RE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	32.3	18.4	27.6#
265	19.9	18.9	28.3

