

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
 Data File : BG023230.D
 Acq On : 23 Jul 2016 00:46
 Operator : UM/SJ
 Sample : H4131-25
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-7

Quant Time: Jul 23 03:08:06 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

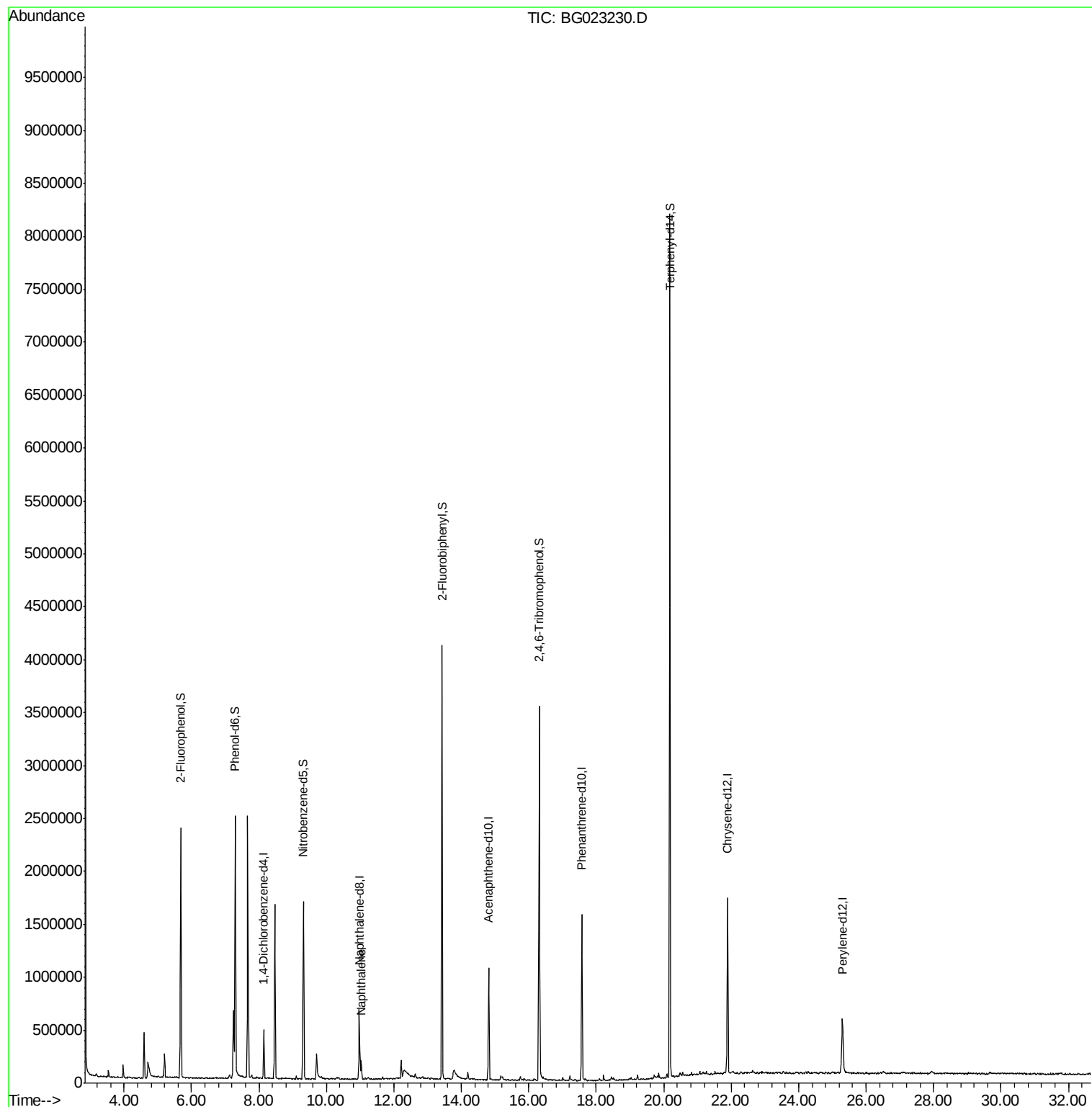
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	114849	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	521957	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	351981	20.00	ng	0.01
63) Phenanthrene-d10	17.57	188	916407	20.00	ng	0.02
75) Chrysene-d12	21.89	240	936376	20.00	ng	0.01
86) Perylene-d12	25.29	264	491470	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	929624	132.38	ng	0.00
7) Phenol-d6	7.30	99	1285930	116.92	ng	0.00
23) Nitrobenzene-d5	9.32	82	1068896	87.69	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	620095	98.02	ng	0.01
44) 2-Fluorobiphenyl	13.43	172	1933379	86.52	ng	0.01
78) Terphenyl-d14	20.18	244	2928408	112.03	ng	0.02
Target Compounds						
31) Naphthalene	11.03	128	138886	5.23	ng	Qvalue # 94

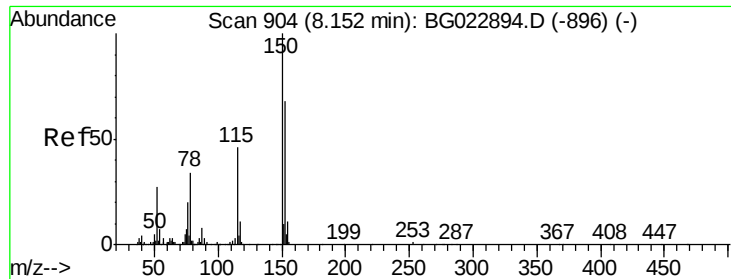
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
Data File : BG023230.D
Acq On : 23 Jul 2016 00:46
Operator : UM/SJ
Sample : H4131-25
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D-7

Quant Time: Jul 23 03:08:06 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



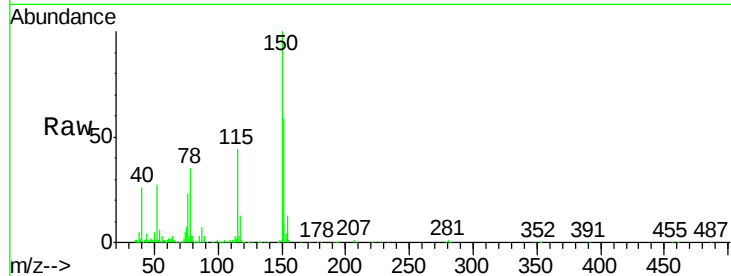


#1

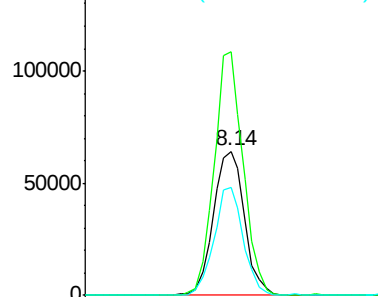
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 903
Delta R.T. 0.00 min
Lab File: BG023230.D
Acq: 23 Jul 2016 00:46

Instrument :
BNA_G
ClientSampleId :
D-7

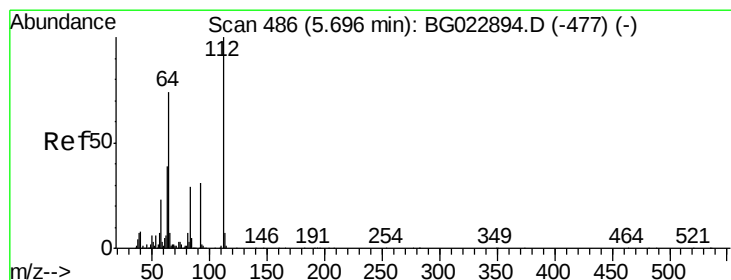
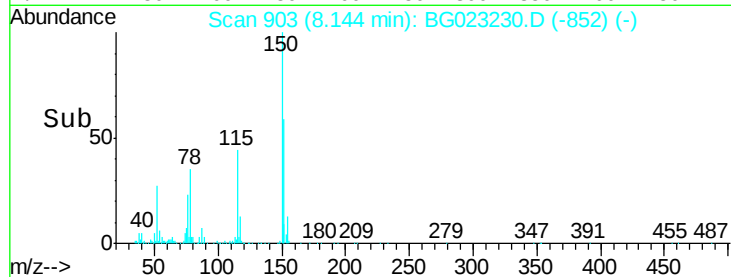
Tgt Ion	Ratio	Lower	Upper
152	100		
150	168.6	144.7	217.1
115	74.7	64.0	96.0



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



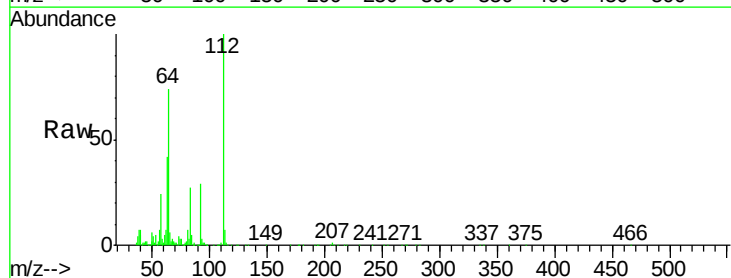
Time-->



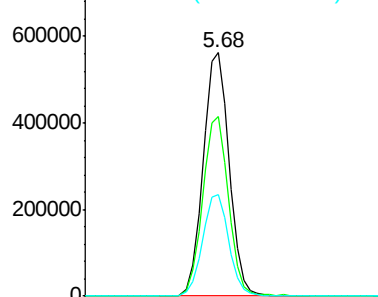
#5

2-Fluorophenol
Concen: 132.38 ng
RT: 5.68 min Scan# 484
Delta R.T. 0.01 min
Lab File: BG023230.D
Acq: 23 Jul 2016 00:46

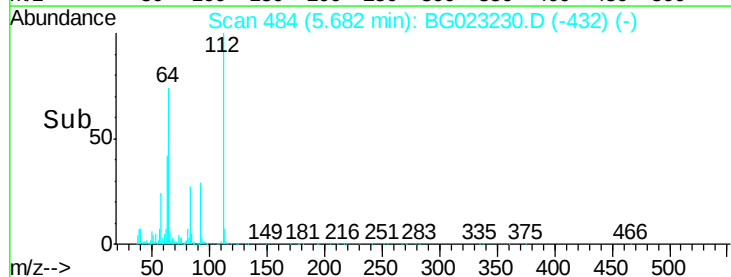
Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.7	59.0	88.4
63	41.6	37.8	56.8

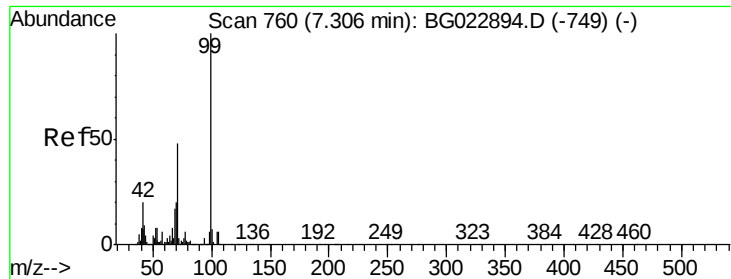


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



Time-->





#7

Phenol-d6

Concen: 116.92 ng

RT: 7.30 min Scan# 759

Delta R.T. 0.00 min

Lab File: BG023230.D

Acq: 23 Jul 2016 00:46

Instrument :

BNA_G

ClientSampleId :

D-7

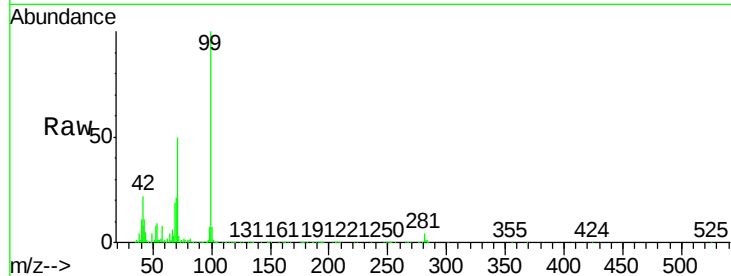
Tgt Ion: 99 Resp: 1285930

Ion Ratio Lower Upper

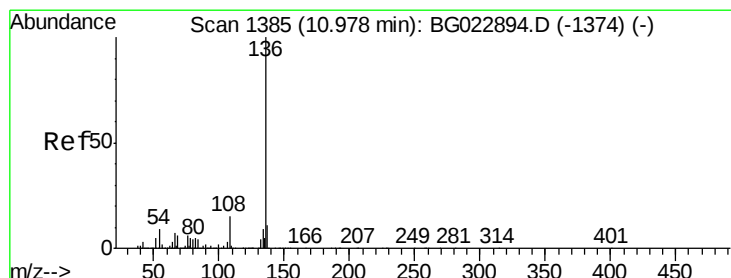
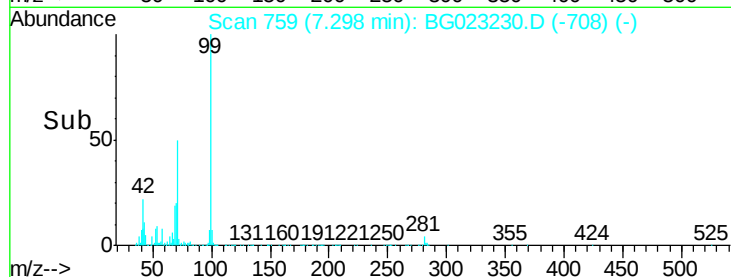
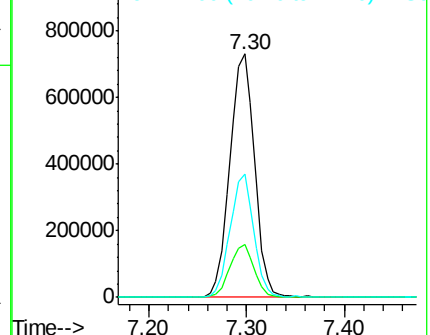
99 100

42 21.7 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: BG023230.D

Acq: 23 Jul 2016 00:46

Tgt Ion: 136 Resp: 521957

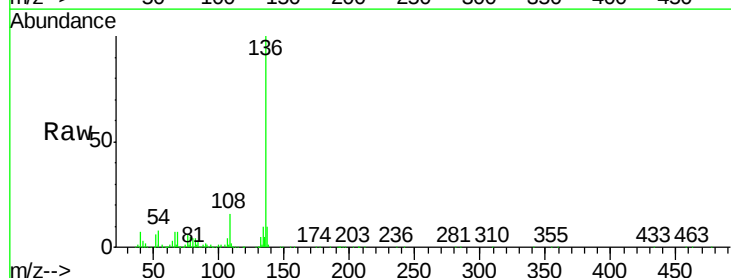
Ion Ratio Lower Upper

136 100

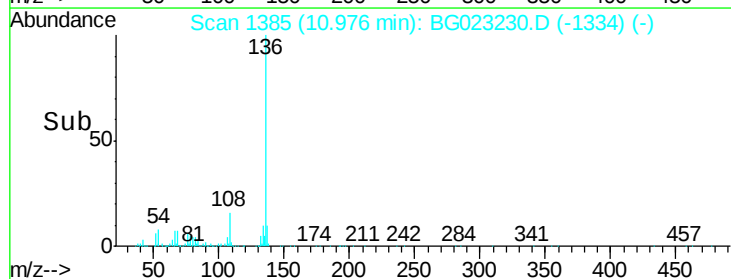
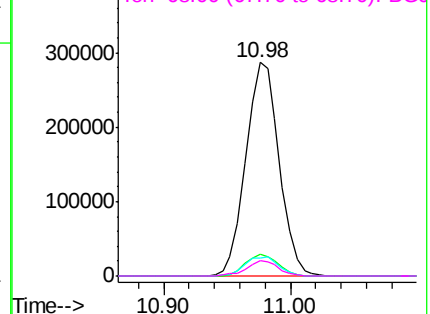
137 10.3 9.6 14.4

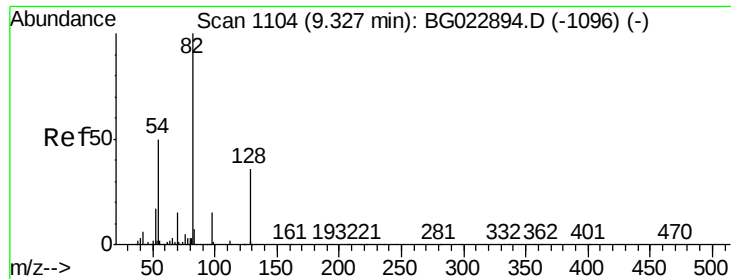
54 8.1 7.3 10.9

68 6.9 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

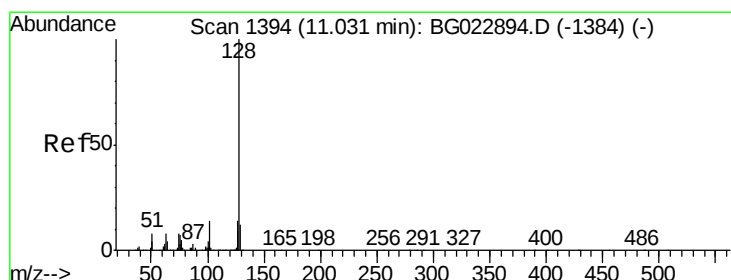
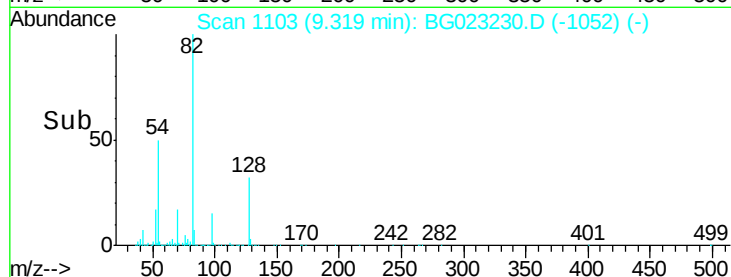
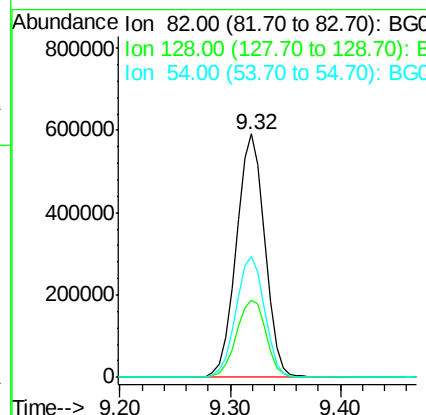
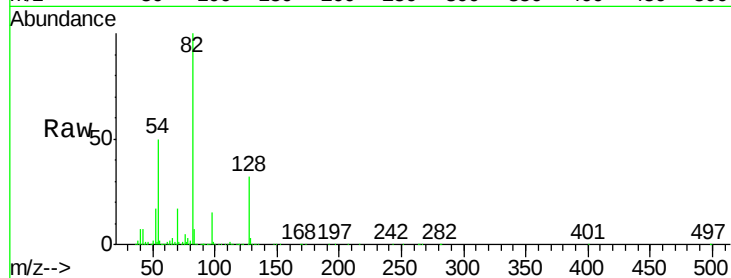




#23
Nitrobenzene-d5
Concen: 87.69 ng
RT: 9.32 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BG023230.D
Acq: 23 Jul 2016 00:46

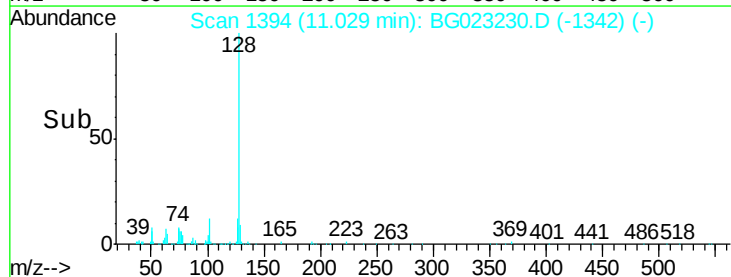
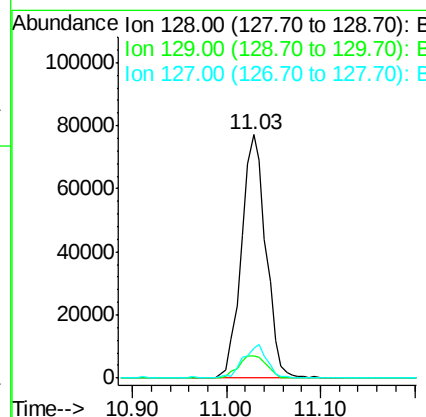
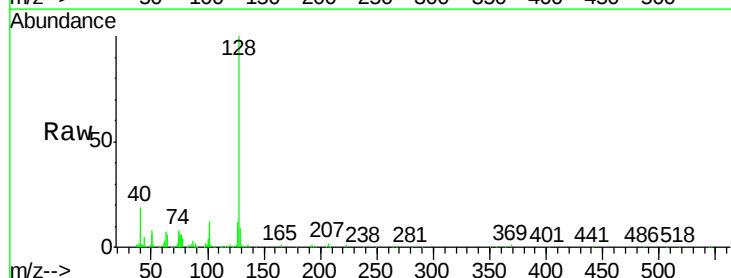
Instrument :
BNA_G
ClientSampleId :
D-7

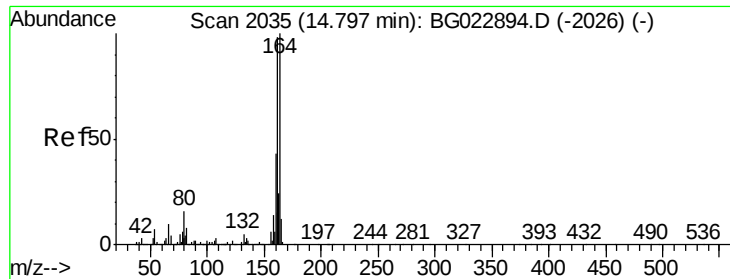
Tgt Ion: 82 Resp: 1068896
Ion Ratio Lower Upper
82 100
128 31.9 24.4 36.6
54 49.7 41.4 62.0



#31
Naphthalene
Concen: 5.23 ng
RT: 11.03 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BG023230.D
Acq: 23 Jul 2016 00:46

Tgt Ion: 128 Resp: 138886
Ion Ratio Lower Upper
128 100
129 9.1 9.4 14.0#
127 12.1 11.3 16.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2038

Delta R.T. 0.01 min

Lab File: BG023230.D

Acq: 23 Jul 2016 00:46

Instrument :

BNA_G

ClientSampleId :

D-7

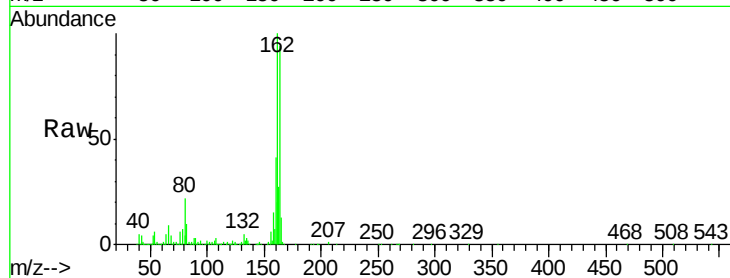
Tgt Ion:164 Resp: 351981

Ion Ratio Lower Upper

164 100

162 106.1 87.7 131.5

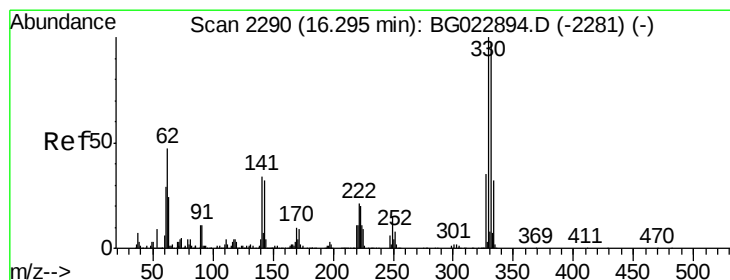
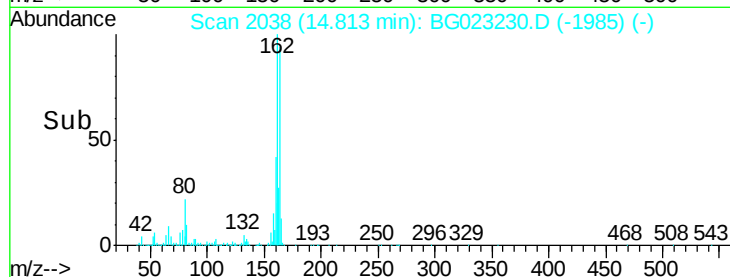
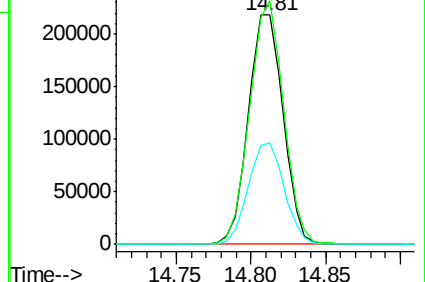
160 44.0 37.2 55.8



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: 98.02 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BG023230.D

Acq: 23 Jul 2016 00:46

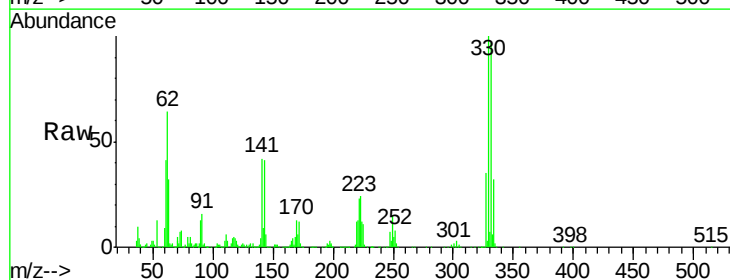
Tgt Ion:330 Resp: 620095

Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.2

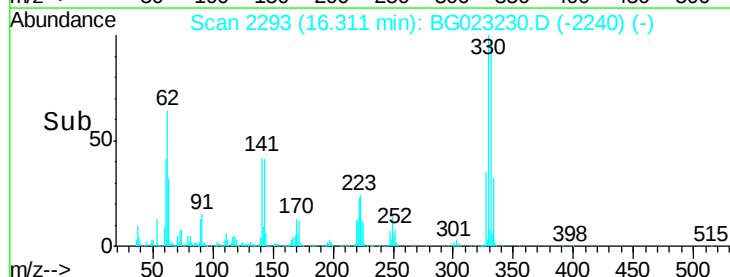
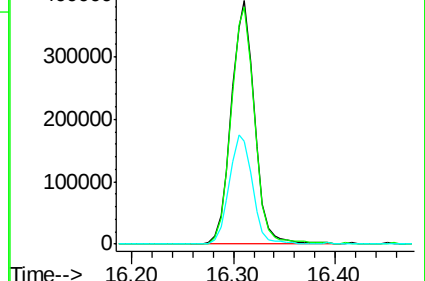
141 45.0 31.7 47.5

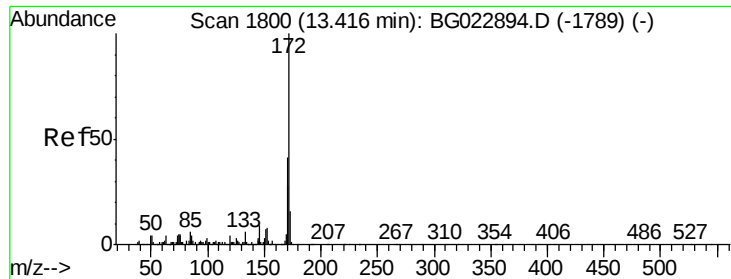


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

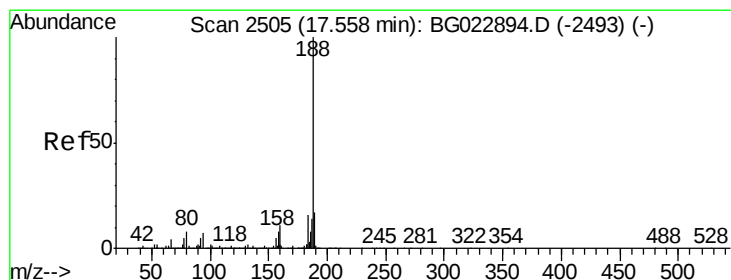
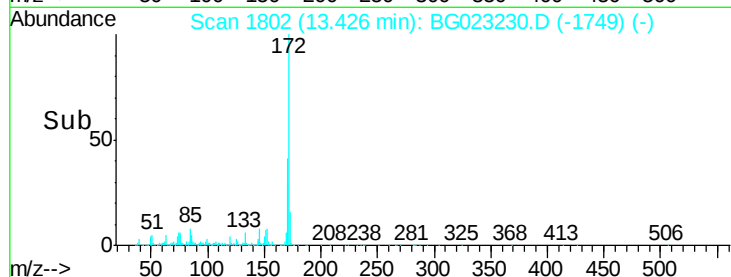
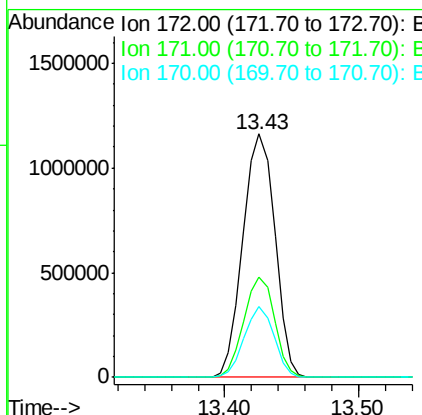
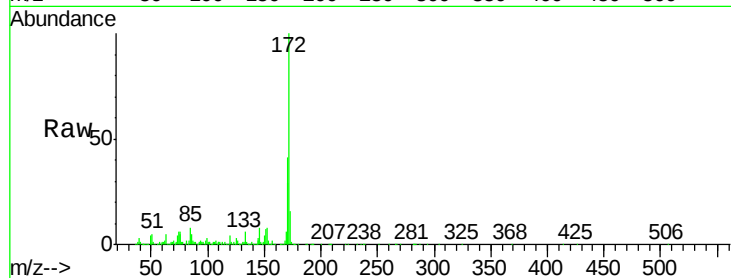




#44
 2-Fluorobiphenyl
 Concen: 86.52 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BG023230.D
 Acq: 23 Jul 2016 00:46

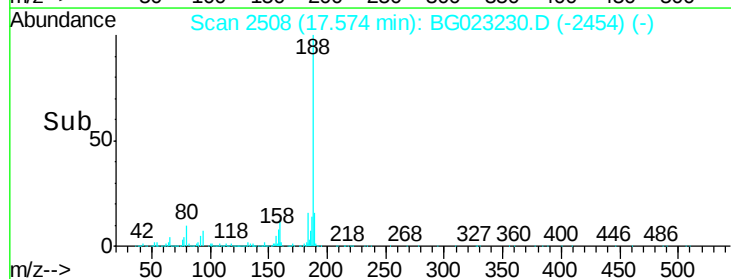
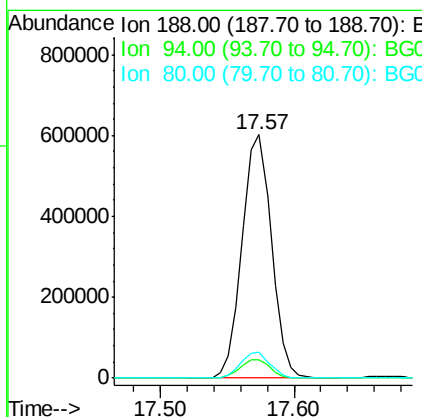
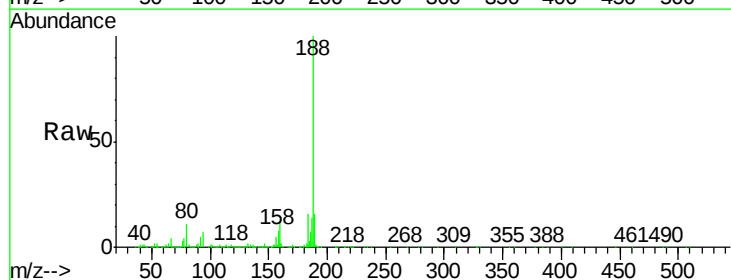
Instrument :
 BNA_G
 ClientSampleId :
 D-7

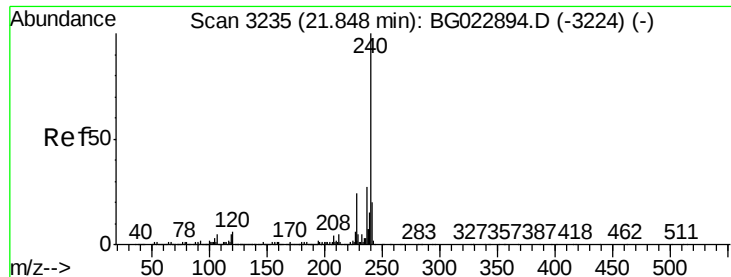
Tgt Ion:172 Resp: 1933379
 Ion Ratio Lower Upper
 172 100
 171 41.4 31.6 47.4
 170 29.0 21.3 31.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 2508
 Delta R.T. 0.02 min
 Lab File: BG023230.D
 Acq: 23 Jul 2016 00:46

Tgt Ion:188 Resp: 916407
 Ion Ratio Lower Upper
 188 100
 94 7.3 5.2 7.8
 80 10.5 7.2 10.8

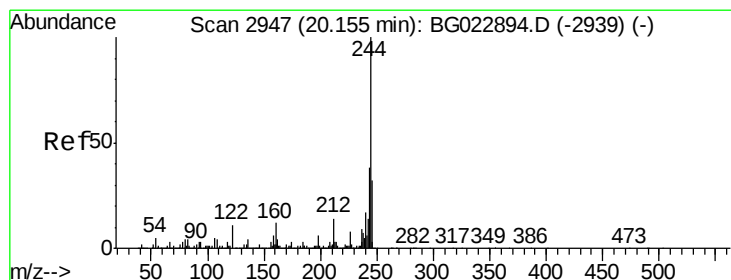
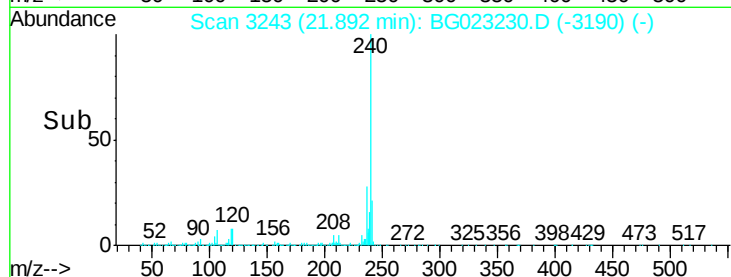
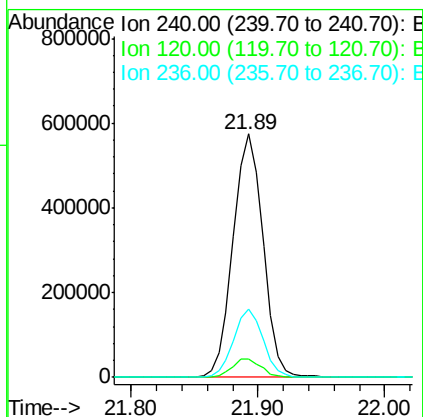
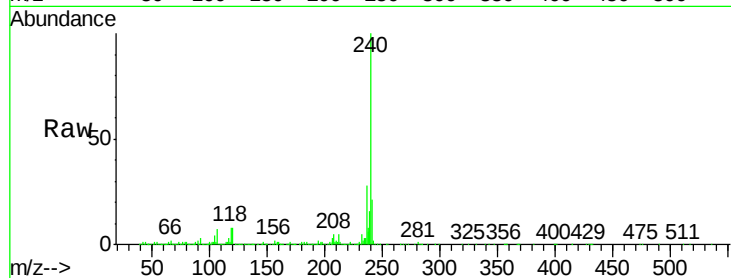




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.01 min
Lab File: BG023230.D
Acq: 23 Jul 2016 00:46

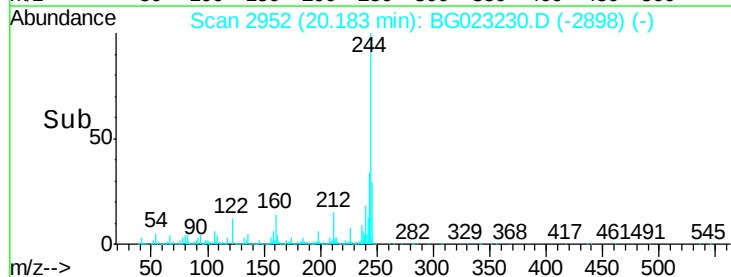
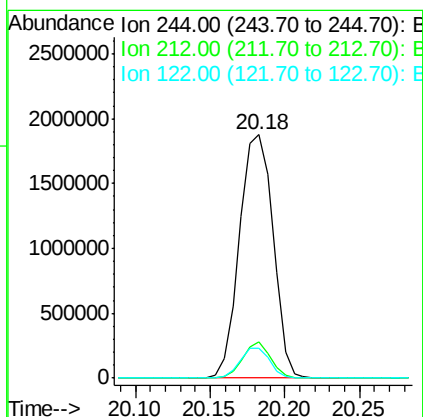
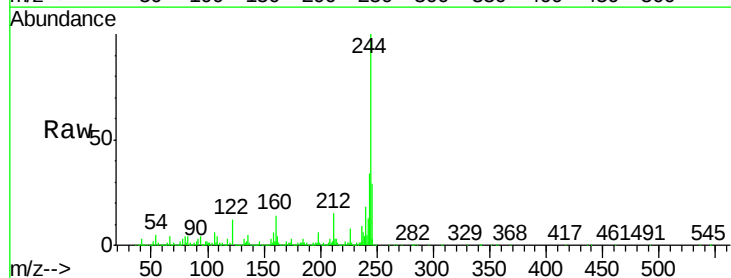
Instrument :
BNA_G
ClientSampleId :
D-7

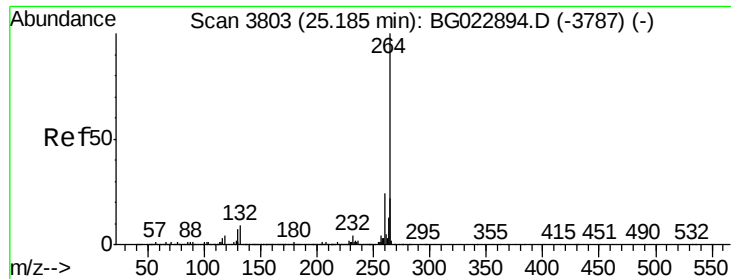
Tgt Ion:240 Resp: 936376
Ion Ratio Lower Upper
240 100
120 7.7 4.1 6.1#
236 27.9 21.1 31.7



#78
Terphenyl-d14
Concen: 112.03 ng
RT: 20.18 min Scan# 2952
Delta R.T. 0.02 min
Lab File: BG023230.D
Acq: 23 Jul 2016 00:46

Tgt Ion:244 Resp: 2928408
Ion Ratio Lower Upper
244 100
212 14.9 10.8 16.2
122 12.4 8.0 12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.29 min Scan# 3822
Delta R.T. 0.02 min
Lab File: BG023230.D
Acq: 23 Jul 2016 00:46

Instrument :
BNA_G
ClientSampleId :
D-7

Tgt Ion: 264 Resp: 491470

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.4	27.6
265	21.0	18.9	28.3

