

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071216\
 Data File : BG023039.D
 Acq On : 12 Jul 2016 16:44
 Operator : UM/SJ
 Sample : PB92009TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92009TB

Quant Time: Jul 13 01:06:13 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

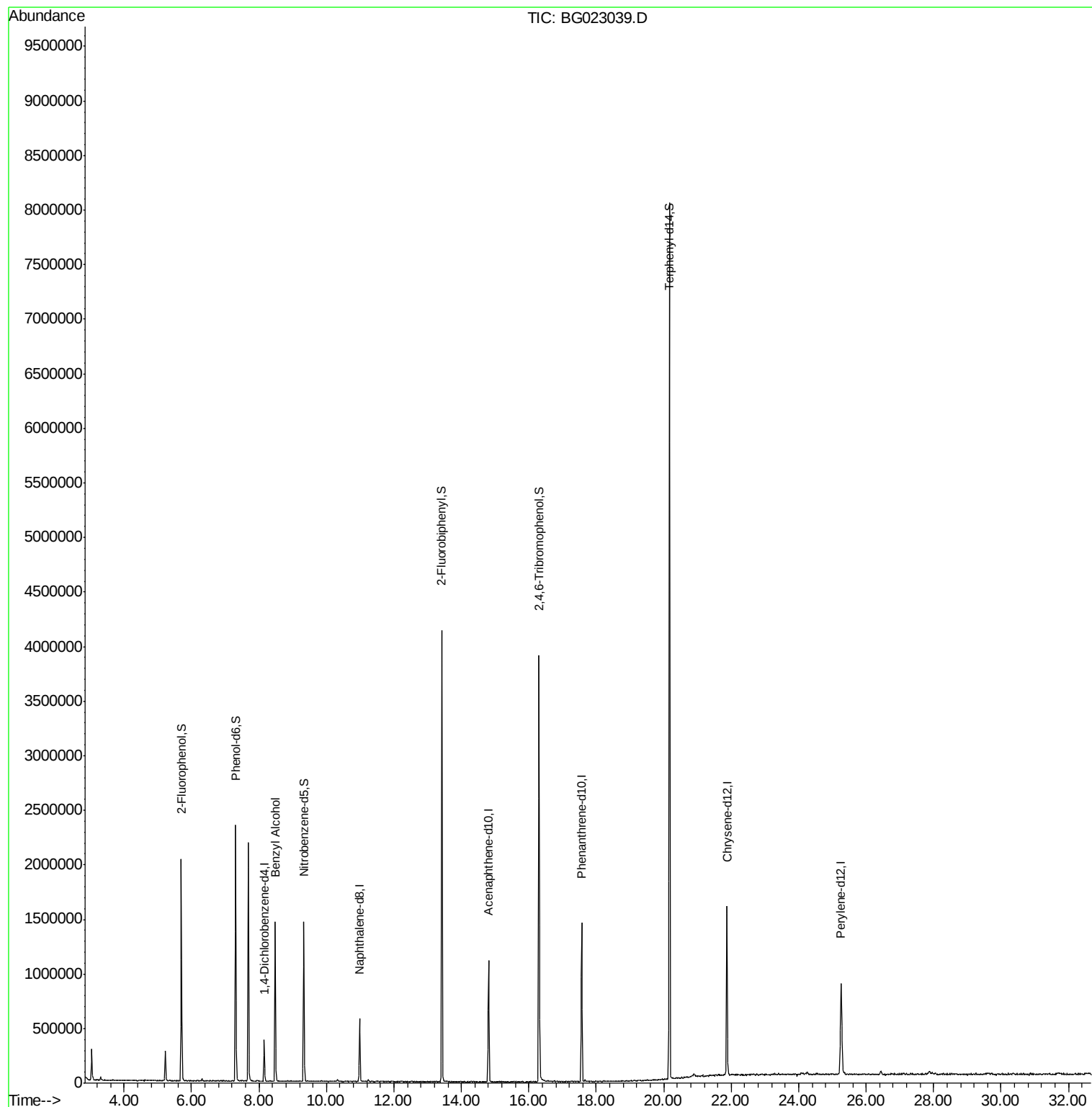
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	96193	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	479872	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	377374	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	918556	20.00	ng	0.00
75) Chrysene-d12	21.87	240	1019939	20.00	ng	0.03
86) Perylene-d12	25.26	264	991097	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	808276	137.43	ng	0.00
7) Phenol-d6	7.31	99	1296791	140.77	ng	0.00
23) Nitrobenzene-d5	9.33	82	932013	83.16	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	729381	107.54	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2038876	85.10	ng	0.00
78) Terphenyl-d14	20.17	244	2952772	96.79	ng	0.01
Target Compounds						
15) Benzyl Alcohol	8.48	79	16943	2.01	ng	Qvalue # 62

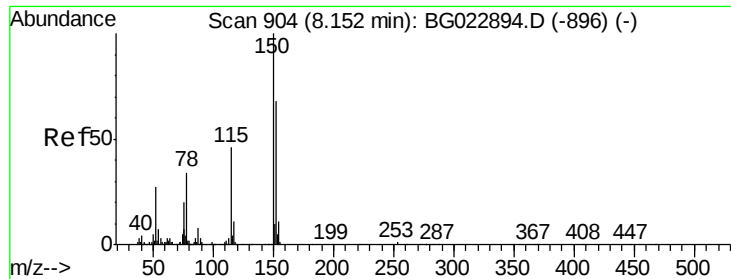
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071216\
Data File : BG023039.D
Acq On : 12 Jul 2016 16:44
Operator : UM/SJ
Sample : PB92009TB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB92009TB

Quant Time: Jul 13 01:06:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration



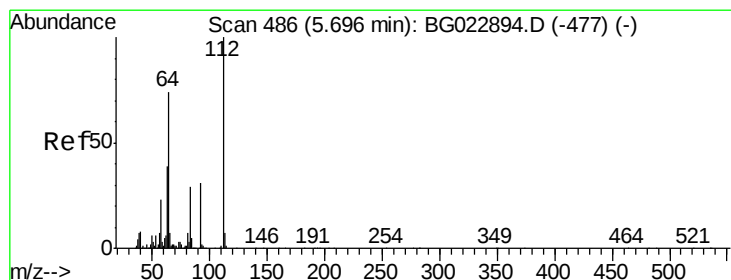
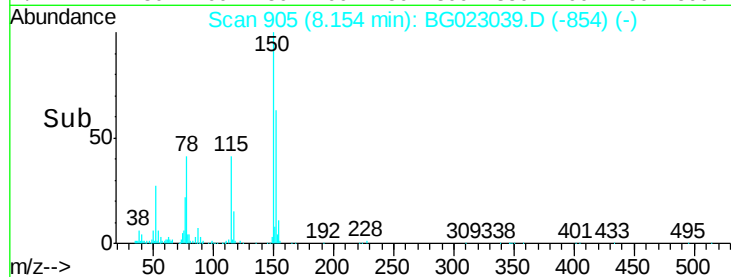
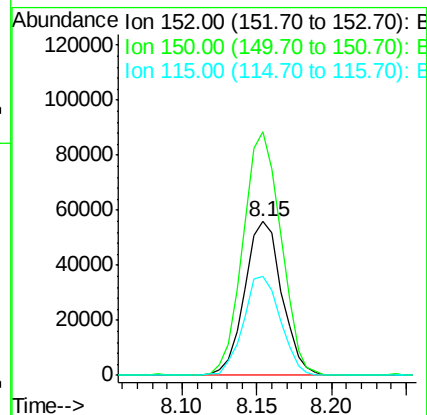
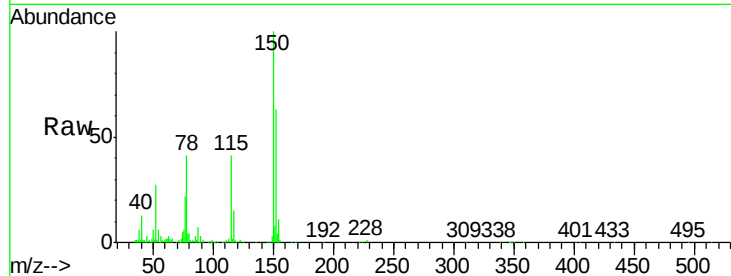


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG023039.D
Acq: 12 Jul 2016 16:44

Instrument :
BNA_G
ClientSampleId :
PB92009TB

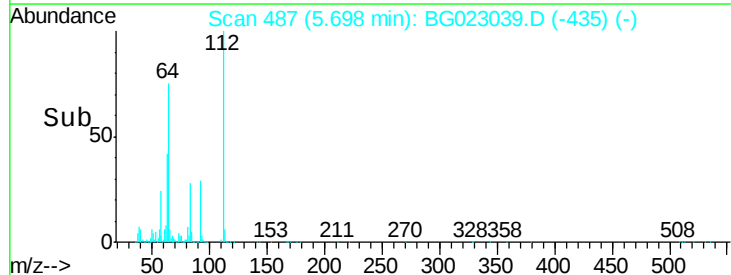
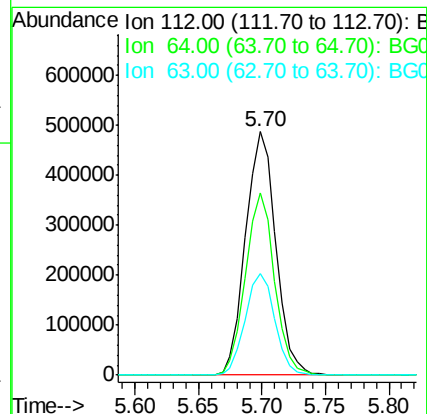
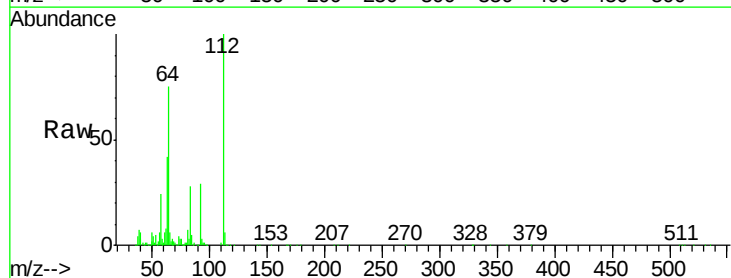
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.7	144.7	217.1
115	64.4	64.0	96.0

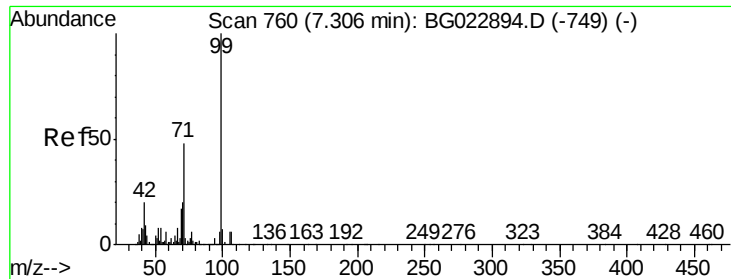


#5

2-Fluorophenol
Concen: 137.43 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG023039.D
Acq: 12 Jul 2016 16:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.8	59.0	88.4
63	41.9	37.8	56.8





#7

Phenol-d6

Concen: 140.77 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023039.D

Acq: 12 Jul 2016 16:44

Instrument :

BNA_G

ClientSampleId :

PB92009TB

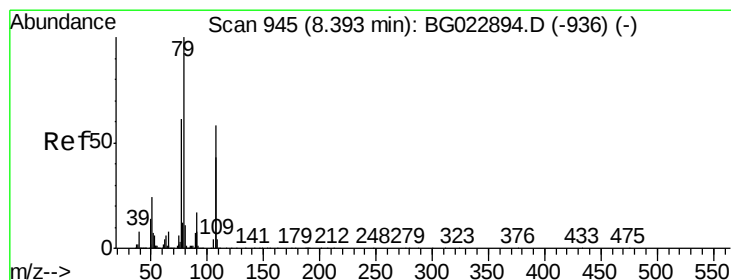
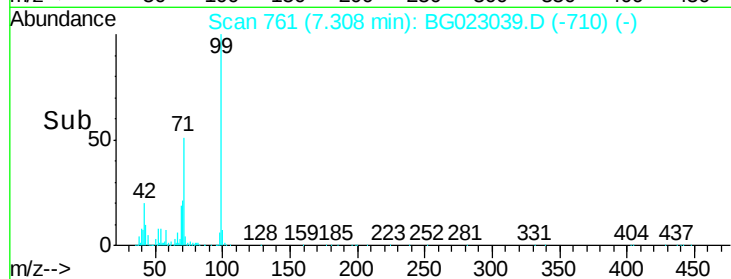
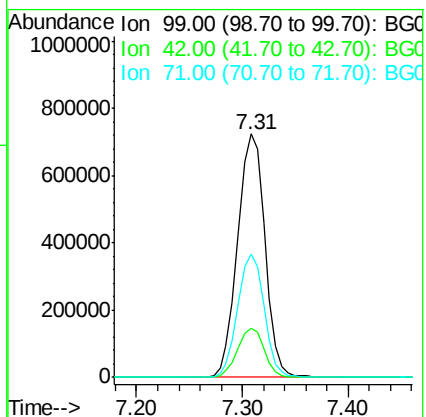
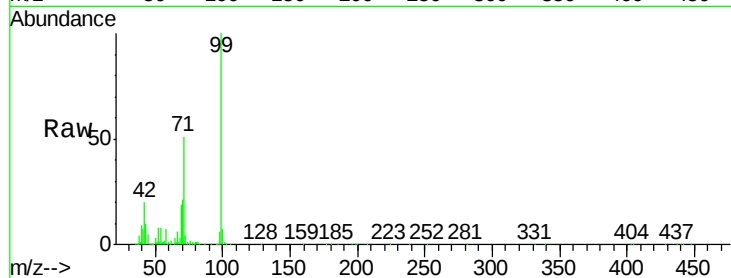
Tgt Ion: 99 Resp: 1296791

Ion Ratio Lower Upper

99 100

42 20.2 17.8 26.6

71 50.5 41.5 62.3



#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 8.48 min Scan# 960

Delta R.T. 0.08 min

Lab File: BG023039.D

Acq: 12 Jul 2016 16:44

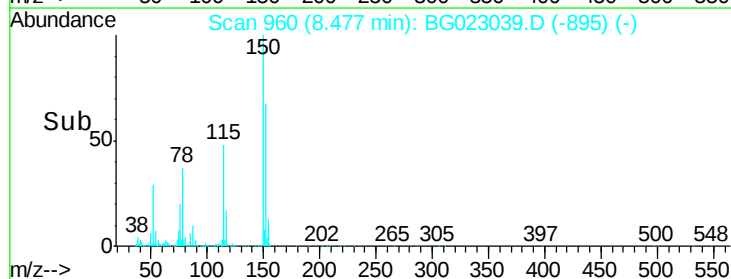
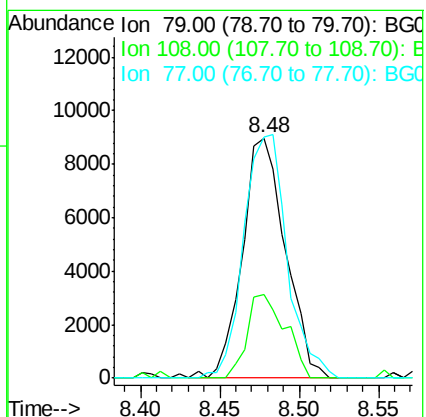
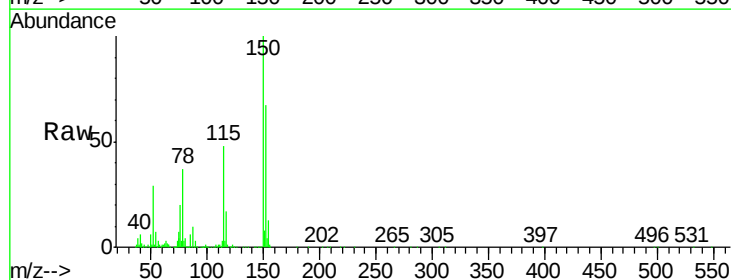
Tgt Ion: 79 Resp: 16943

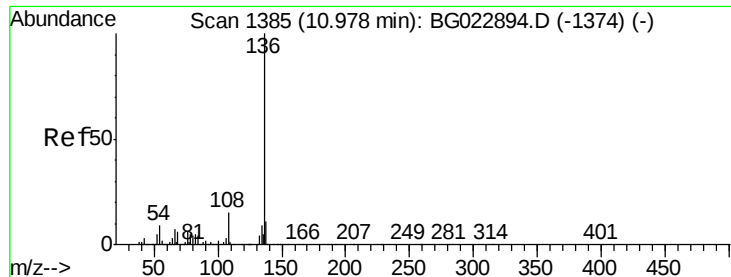
Ion Ratio Lower Upper

79 100

108 34.8 46.5 69.7#

77 100.7 52.3 78.5#

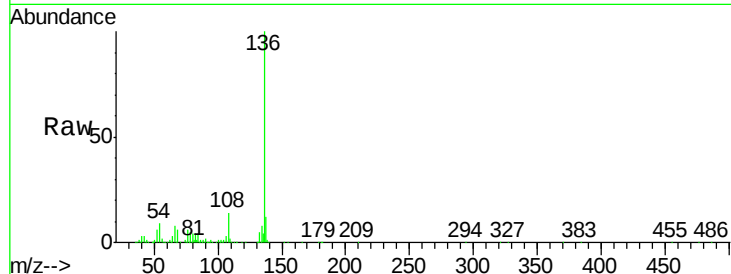




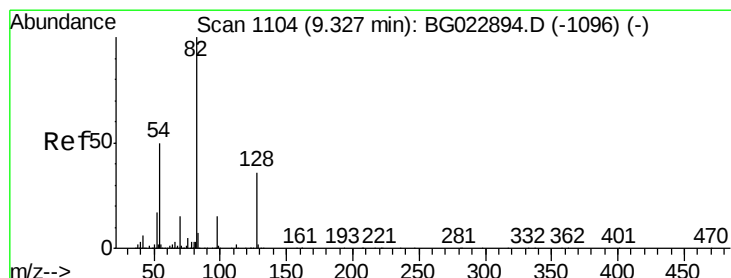
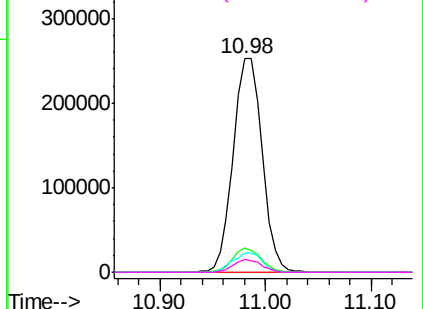
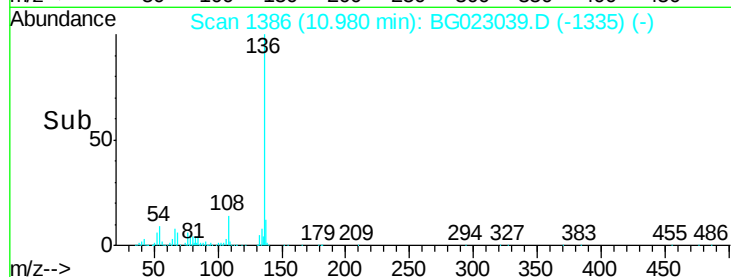
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG023039.D
Acq: 12 Jul 2016 16:44

Instrument :
BNA_G
ClientSampleId :
PB92009TB

Tgt Ion:	136	Resp:	479872
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.6	14.4
54	8.9	7.3	10.9
68	6.1	5.3	7.9

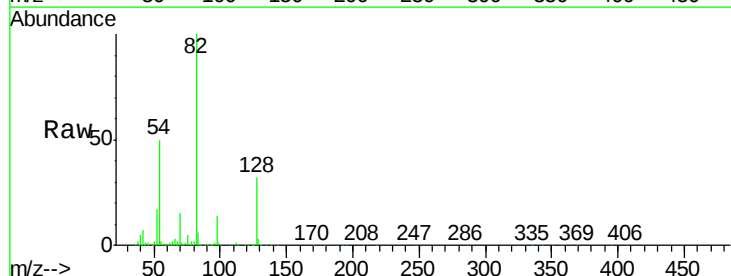


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

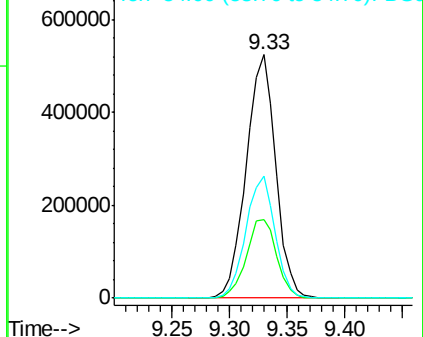
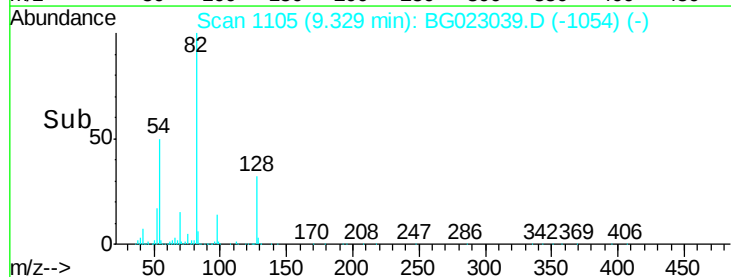


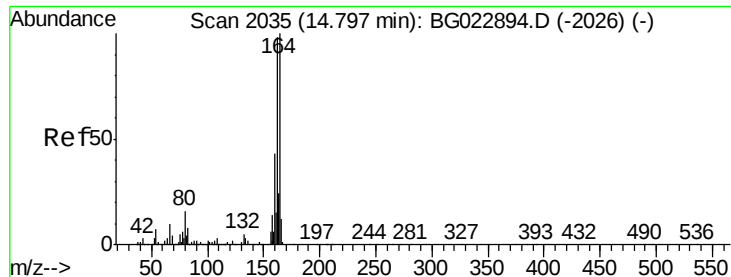
#23
Nitrobenzene-d5
Concen: 83.16 ng
RT: 9.33 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BG023039.D
Acq: 12 Jul 2016 16:44

Tgt Ion:	82	Resp:	932013
Ion Ratio	Lower	Upper	
82	100		
128	32.2	24.4	36.6
54	50.0	41.4	62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BG023039.D

Acq: 12 Jul 2016 16:44

Instrument :

BNA_G

ClientSampleId :

PB92009TB

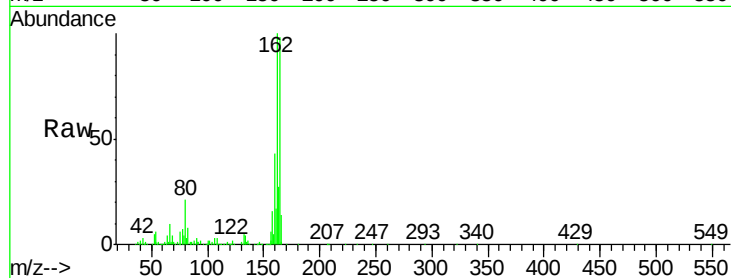
Tgt Ion:164 Resp: 377374

Ion Ratio Lower Upper

164 100

162 102.1 87.7 131.5

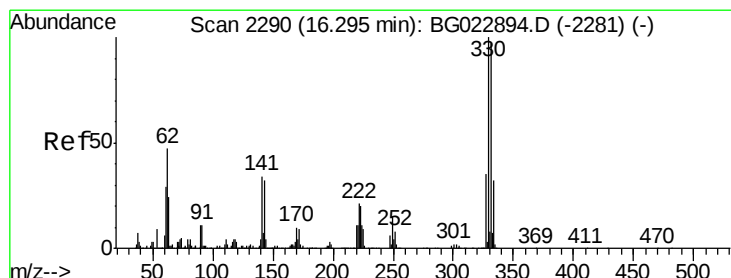
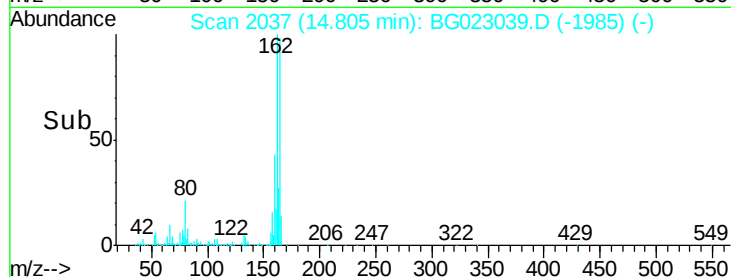
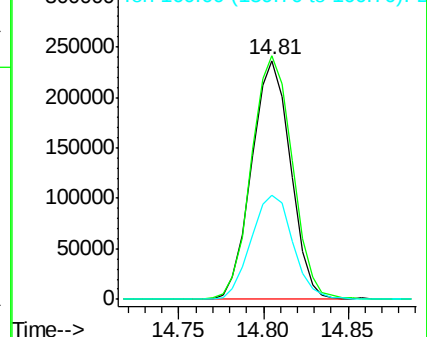
160 43.6 37.2 55.8



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: 107.54 ng

RT: 16.30 min Scan# 2292

Delta R.T. 0.01 min

Lab File: BG023039.D

Acq: 12 Jul 2016 16:44

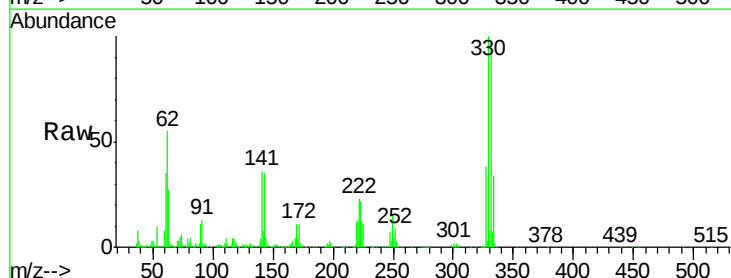
Tgt Ion:330 Resp: 729381

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.2

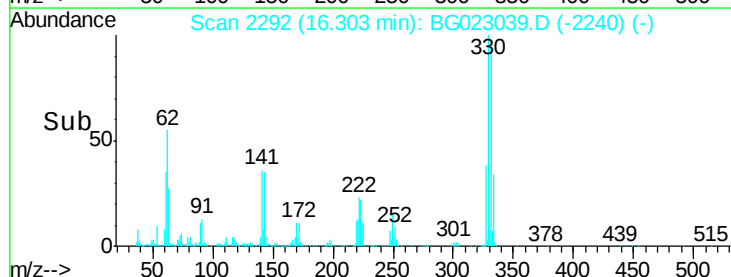
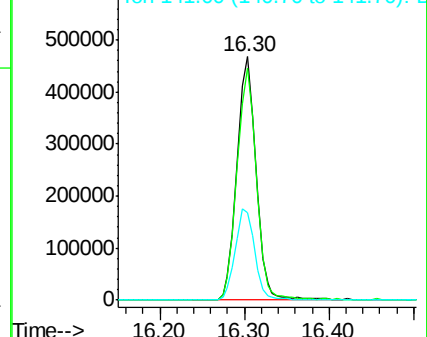
141 37.9 31.7 47.5

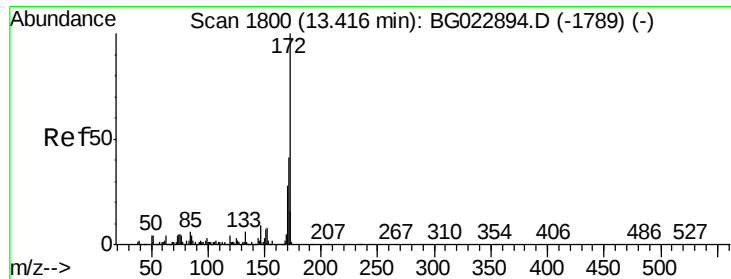


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

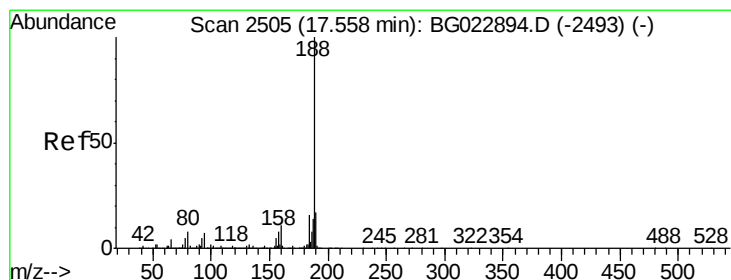
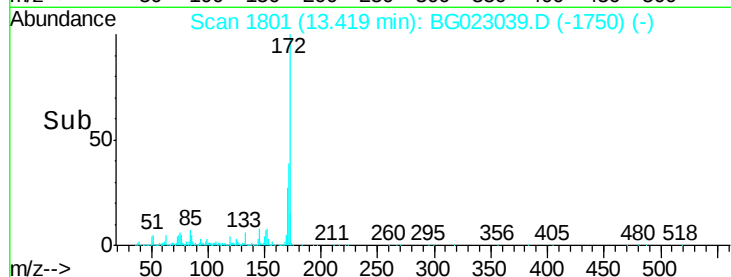
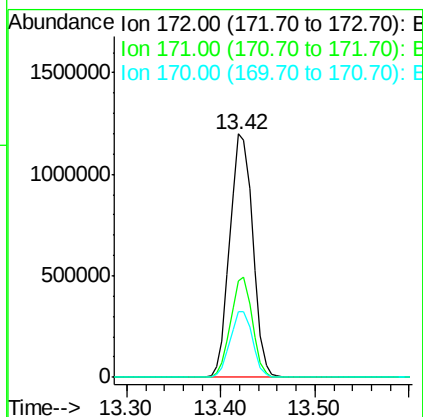
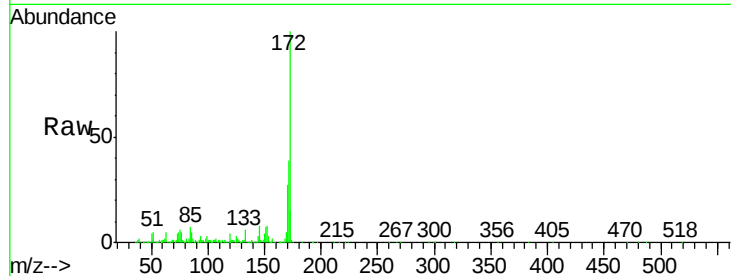




#44
2-Fluorobiphenyl
Concen: 85.10 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG023039.D
Acq: 12 Jul 2016 16:44

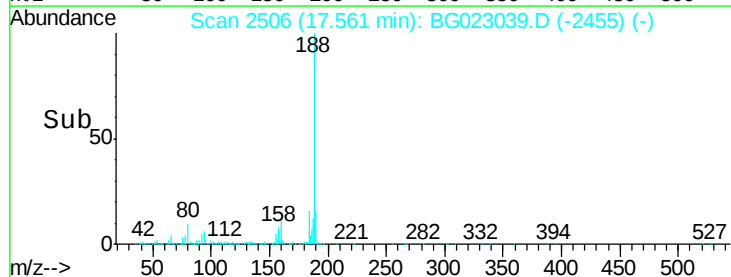
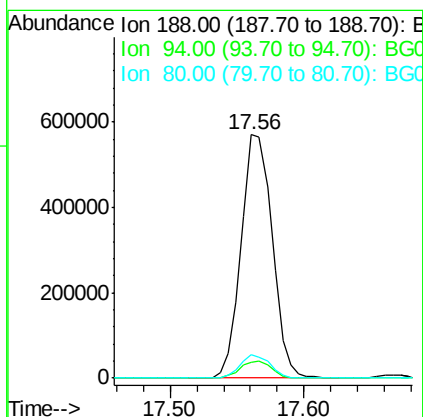
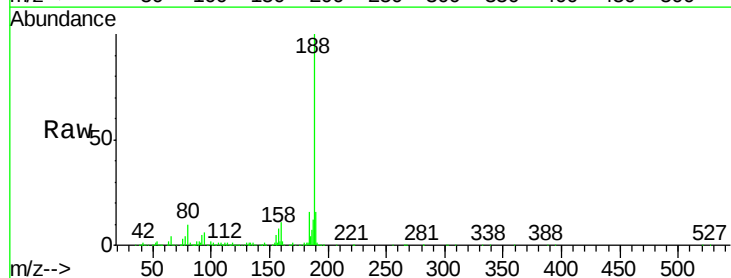
Instrument :
BNA_G
ClientSampleId :
PB92009TB

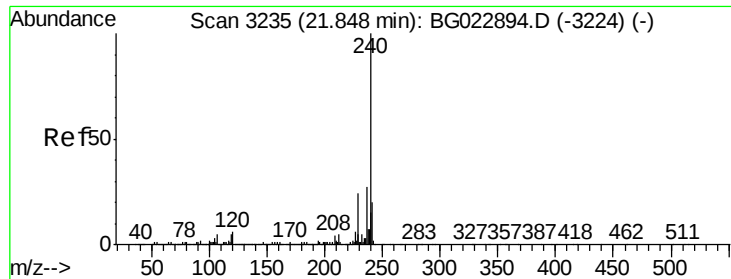
Tgt Ion:172 Resp: 2038876
Ion Ratio Lower Upper
172 100
171 39.4 31.6 47.4
170 27.0 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BG023039.D
Acq: 12 Jul 2016 16:44

Tgt Ion:188 Resp: 918556
Ion Ratio Lower Upper
188 100
94 6.3 5.2 7.8
80 9.6 7.2 10.8

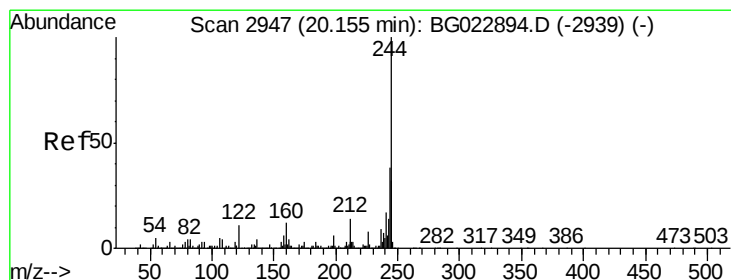
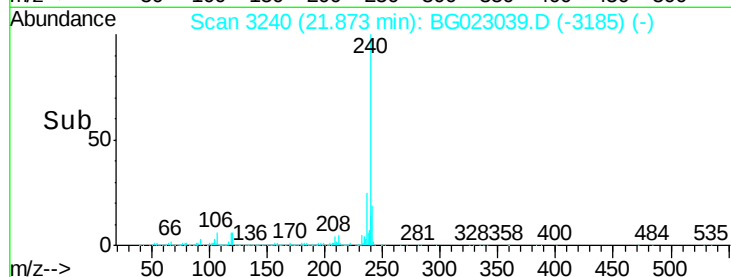
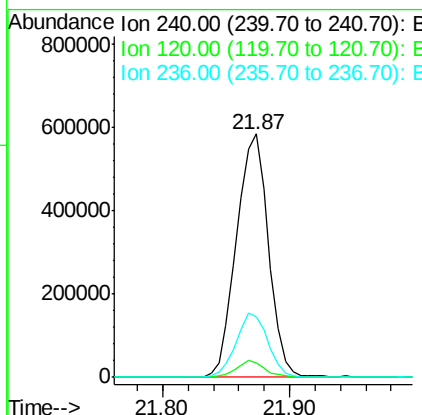
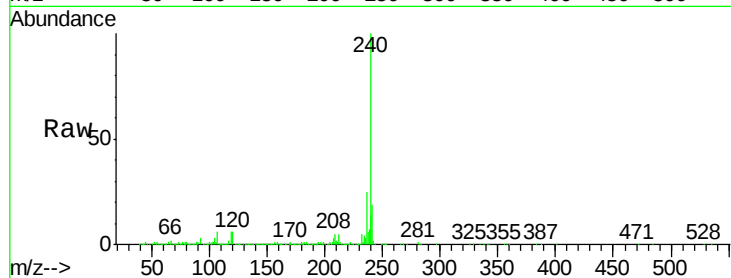




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.87 min Scan# 3240
 Delta R.T. 0.03 min
 Lab File: BG023039.D
 Acq: 12 Jul 2016 16:44

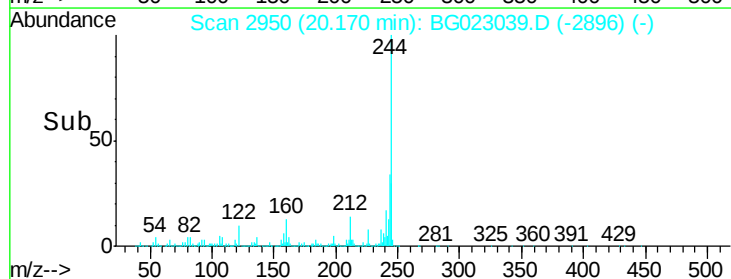
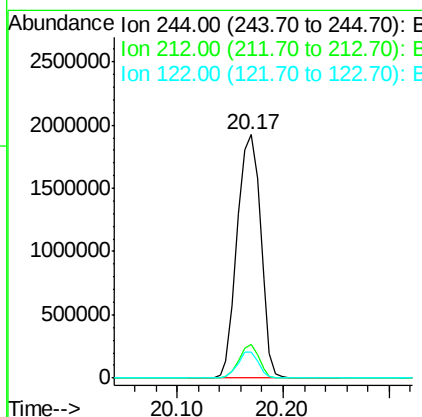
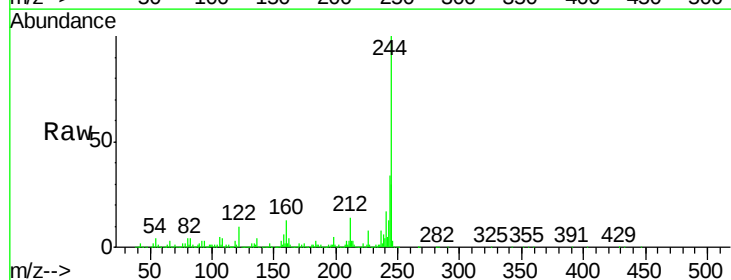
Instrument :
 BNA_G
 ClientSampleId :
 PB92009TB

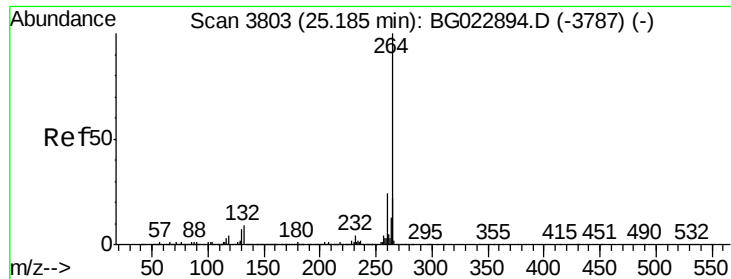
Tgt Ion:240 Resp: 1019939
 Ion Ratio Lower Upper
 240 100
 120 5.9 4.1 6.1
 236 24.8 21.1 31.7



#78
 Terphenyl-d14
 Concen: 96.79 ng
 RT: 20.17 min Scan# 2950
 Delta R.T. 0.01 min
 Lab File: BG023039.D
 Acq: 12 Jul 2016 16:44

Tgt Ion:244 Resp: 2952772
 Ion Ratio Lower Upper
 244 100
 212 14.1 10.8 16.2
 122 10.4 8.0 12.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3816

Delta R.T. 0.07 min

Lab File: BG023039.D

Acq: 12 Jul 2016 16:44

Instrument :

BNA_G

ClientSampleId :

PB92009TB

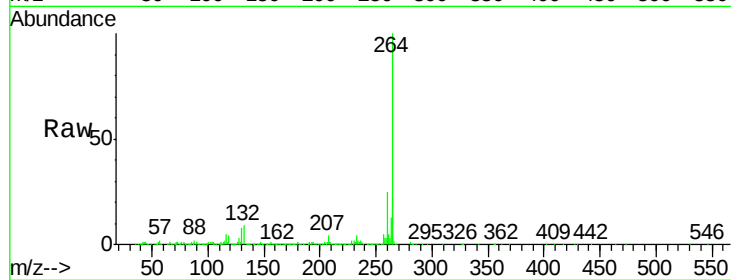
Tgt Ion: 264 Resp: 991097

Ion Ratio Lower Upper

264 100

260 24.7 18.4 27.6

265 22.2 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

