

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
 Data File : BG023221.D
 Acq On : 22 Jul 2016 18:39
 Operator : UM/SJ
 Sample : PB92359BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92359BL

Quant Time: Jul 22 23:40:07 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	109411	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	490375	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	350830	20.00	ng	0.01
63) Phenanthrene-d10	17.57	188	909864	20.00	ng	0.02
75) Chrysene-d12	21.89	240	1003549	20.00	ng	0.01
86) Perylene-d12	25.30	264	960051	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	851370	127.27	ng	0.00
7) Phenol-d6	7.30	99	1237912	118.15	ng	0.00
23) Nitrobenzene-d5	9.32	82	887942	77.53	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	543234	86.16	ng	0.01
44) 2-Fluorobiphenyl	13.43	172	1740514	78.14	ng	0.01
78) Terphenyl-d14	20.18	244	2716532	86.39	ng	0.02

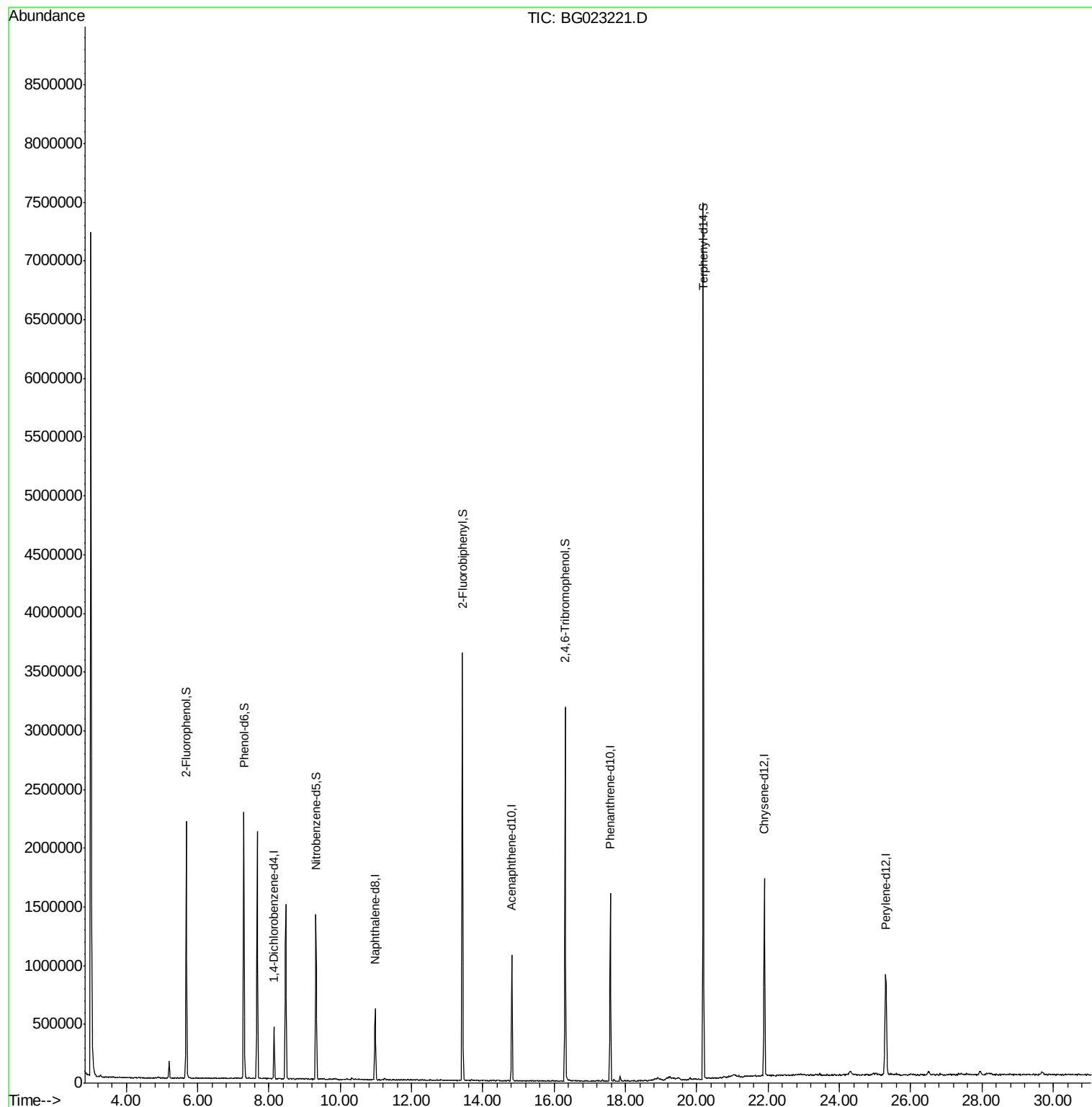
Target Compounds	Qvalue
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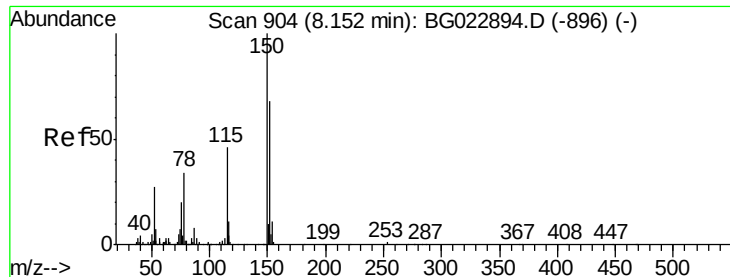
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG023221.D

Acq: 22 Jul 2016 18:39

Instrument :

BNA_G

ClientSampleId :

PB92359BL

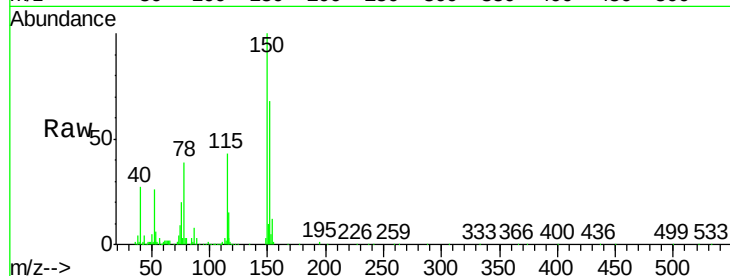
Tgt Ion:152 Resp: 109411

Ion Ratio Lower Upper

152 100

150 147.3 144.7 217.1

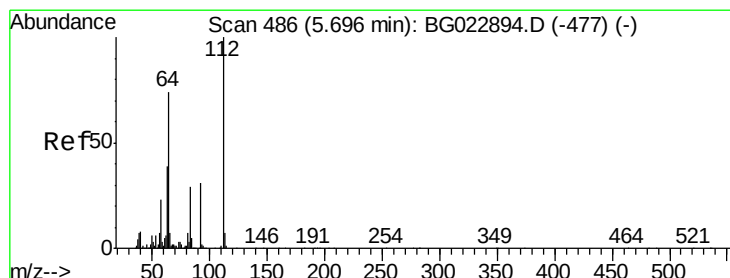
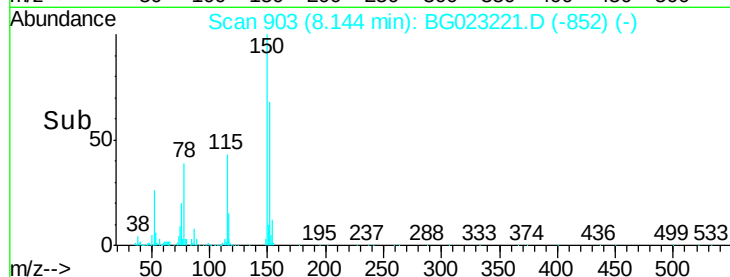
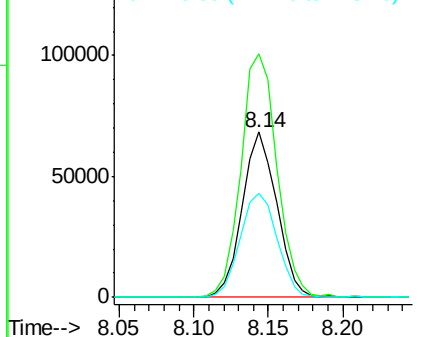
115 63.3 64.0 96.0#



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: 127.27 ng

RT: 5.68 min Scan# 484

Delta R.T. 0.01 min

Lab File: BG023221.D

Acq: 22 Jul 2016 18:39

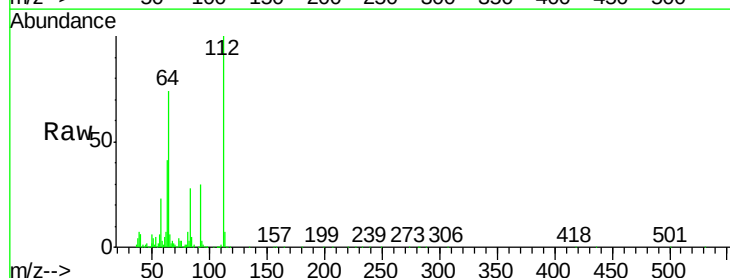
Tgt Ion:112 Resp: 851370

Ion Ratio Lower Upper

112 100

64 74.0 59.0 88.4

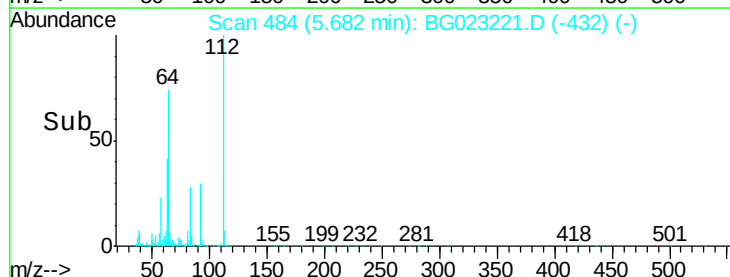
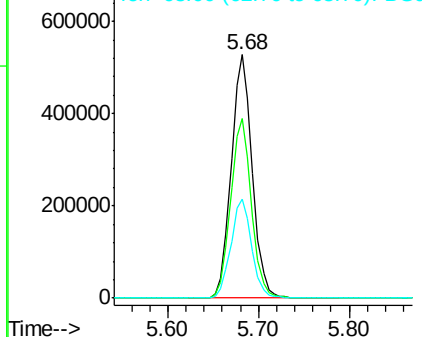
63 40.6 37.8 56.8

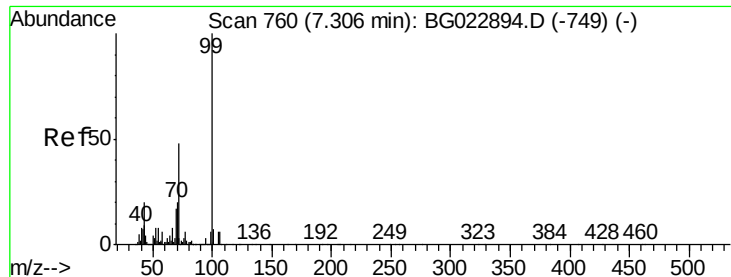


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 118.15 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG023221.D

Acq: 22 Jul 2016 18:39

Instrument :

BNA_G

ClientSampleId :

PB92359BL

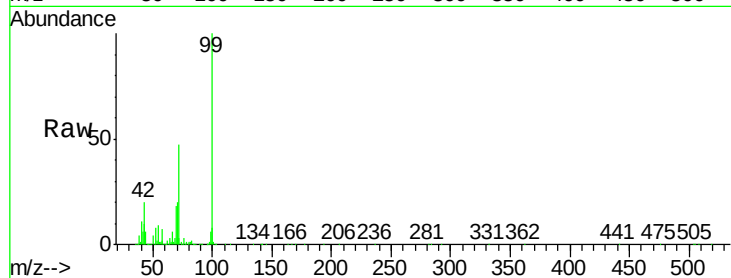
Tgt Ion: 99 Resp: 1237912

Ion Ratio Lower Upper

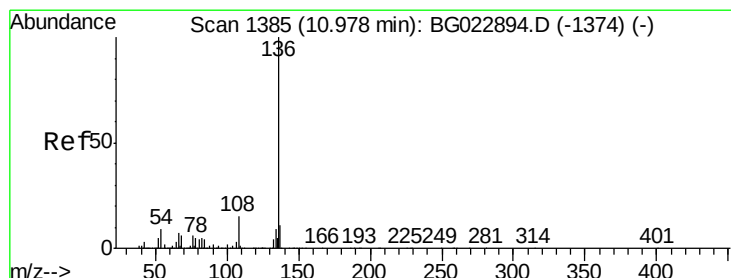
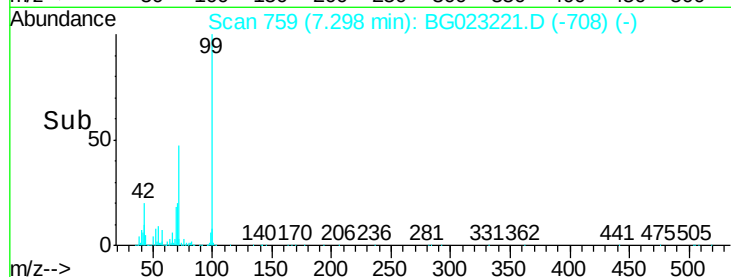
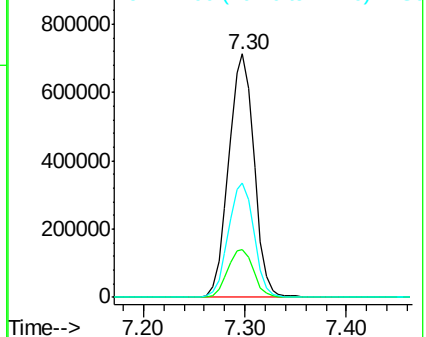
99 100

42 19.6 17.8 26.6

71 47.2 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: BG023221.D

Acq: 22 Jul 2016 18:39

Tgt Ion: 136 Resp: 490375

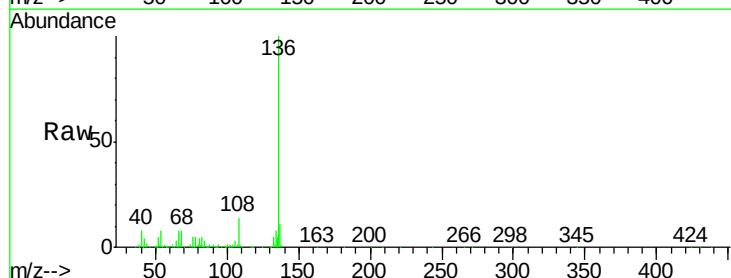
Ion Ratio Lower Upper

136 100

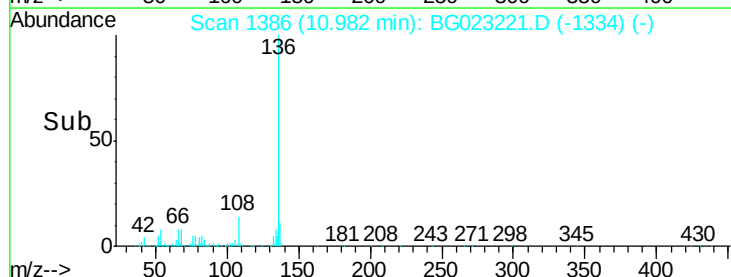
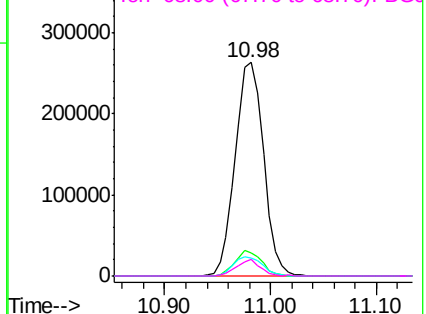
137 10.7 9.6 14.4

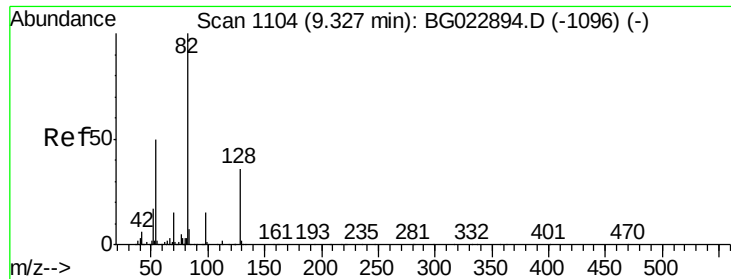
54 8.5 7.3 10.9

68 7.8 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

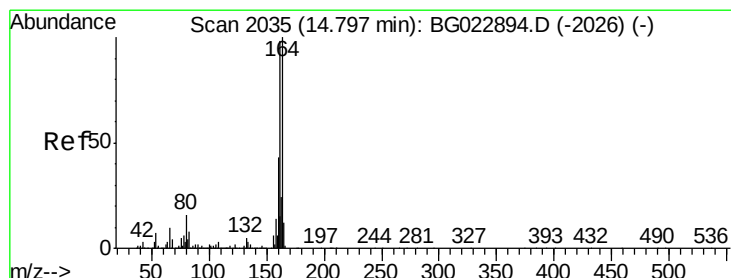
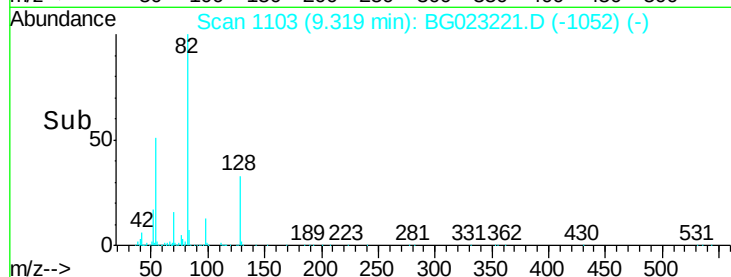
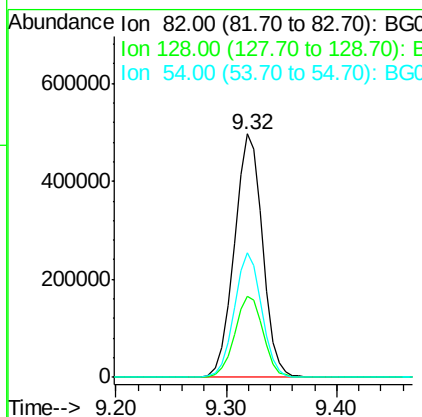
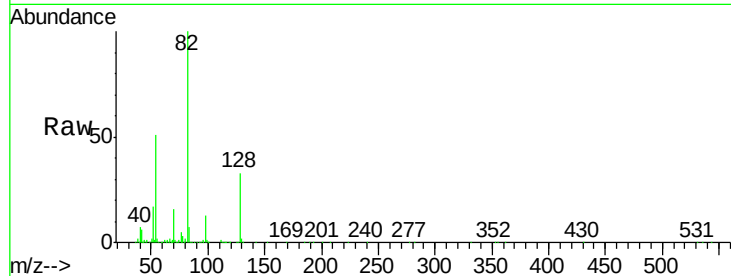




#23
 Nitrobenzene-d5
 Concen: 77.53 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BG023221.D
 Acq: 22 Jul 2016 18:39

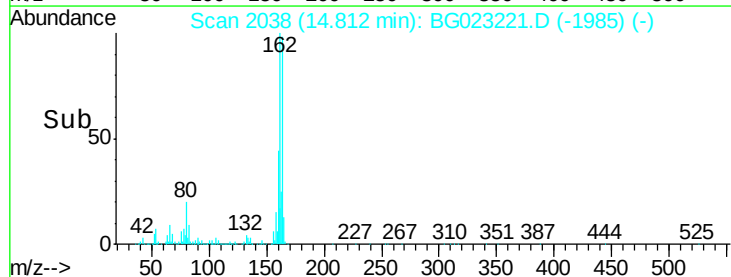
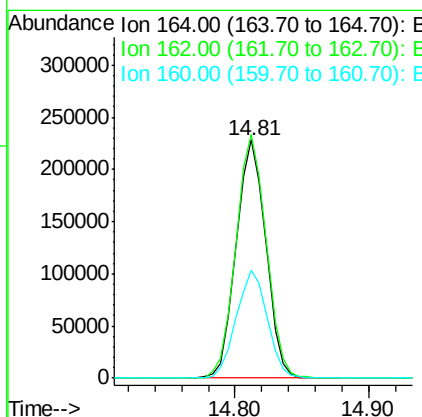
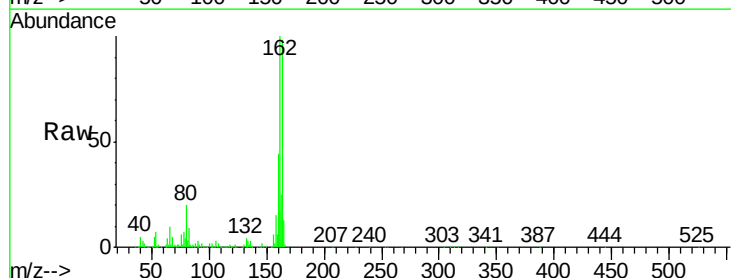
Instrument :
 BNA_G
 ClientSampleId :
 PB92359BL

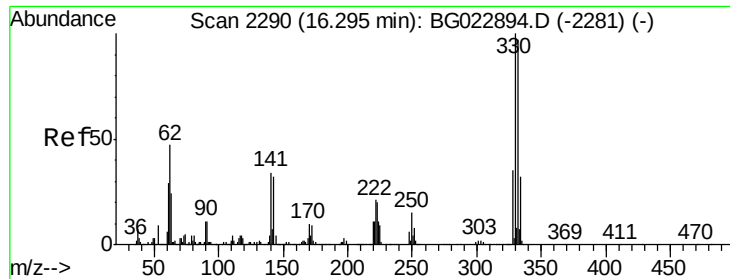
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.4	24.4	36.6
54	50.9	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BG023221.D
 Acq: 22 Jul 2016 18:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	87.7	131.5
160	45.4	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 86.16 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BG023221.D

Acq: 22 Jul 2016 18:39

Instrument :

BNA_G

ClientSampleId :

PB92359BL

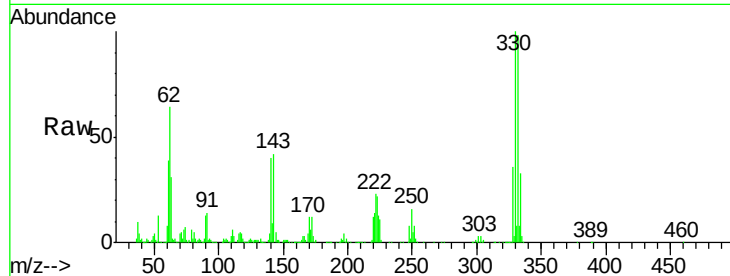
Tgt Ion:330 Resp: 543234

Ion Ratio Lower Upper

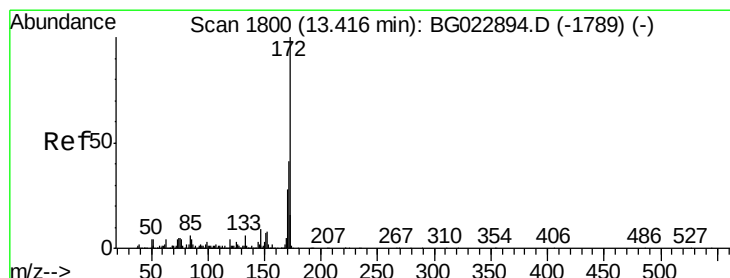
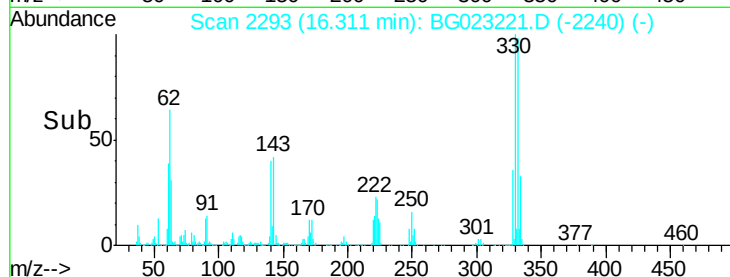
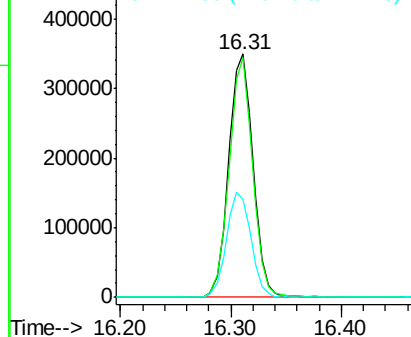
330 100

332 94.9 77.4 116.2

141 43.2 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: 78.14 ng

RT: 13.43 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BG023221.D

Acq: 22 Jul 2016 18:39

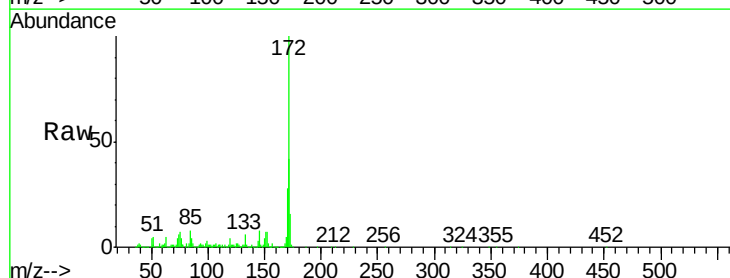
Tgt Ion:172 Resp: 1740514

Ion Ratio Lower Upper

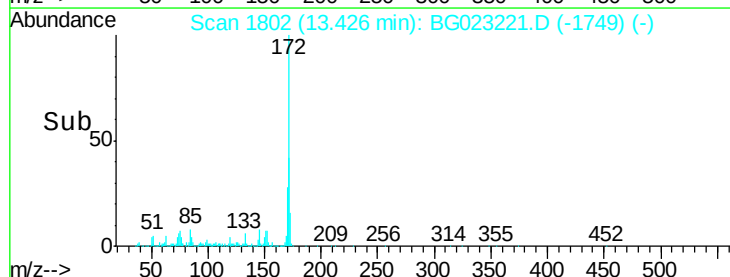
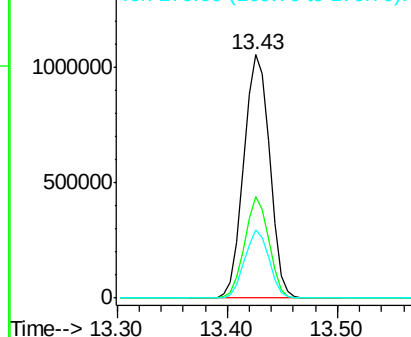
172 100

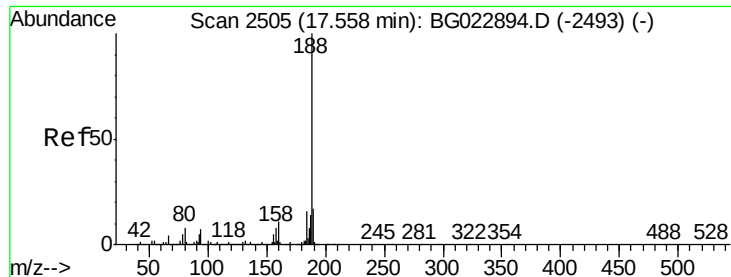
171 41.8 31.6 47.4

170 28.0 21.3 31.9



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

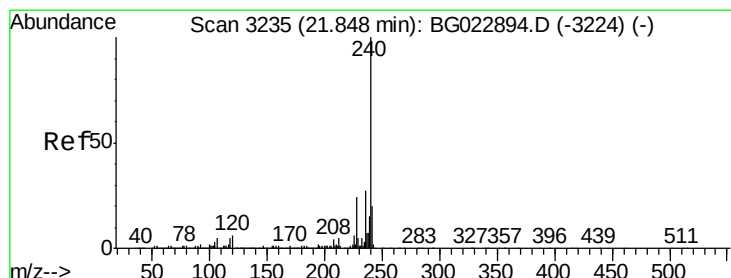
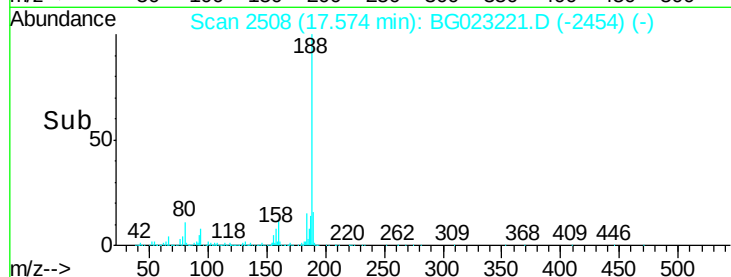
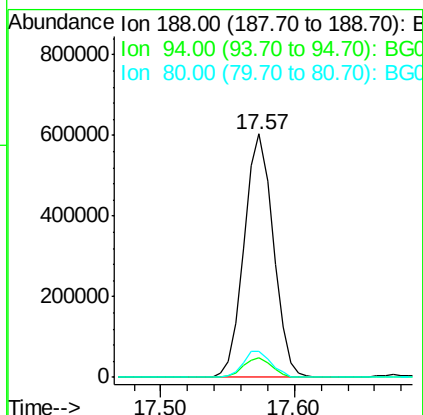
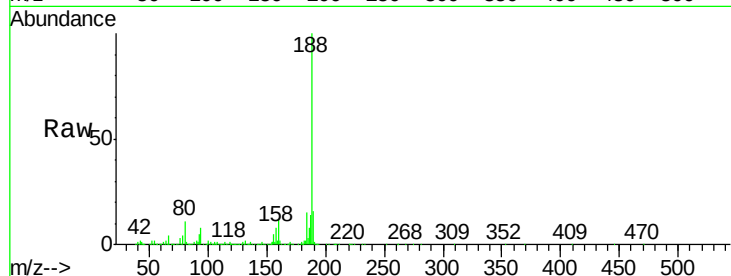




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.02 min
Lab File: BG023221.D
Acq: 22 Jul 2016 18:39

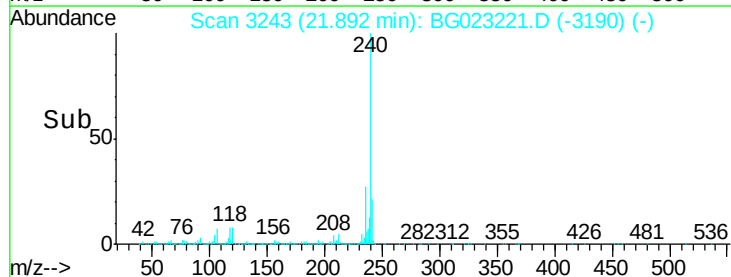
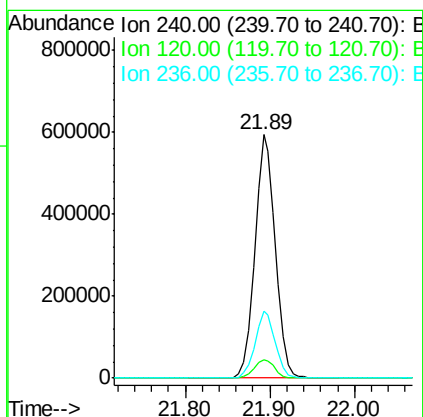
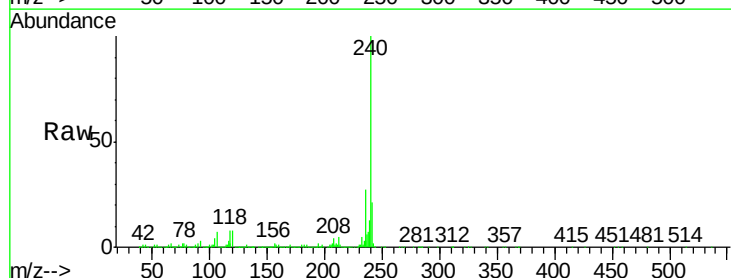
Instrument :
BNA_G
ClientSampleId :
PB92359BL

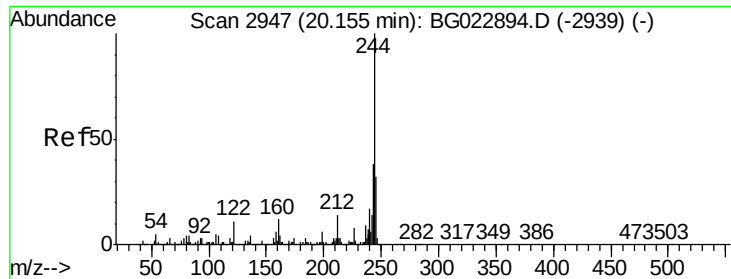
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.2	7.8#
80	10.8	7.2	10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.01 min
Lab File: BG023221.D
Acq: 22 Jul 2016 18:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	4.1	6.1#
236	27.5	21.1	31.7





#78

Terphenyl-d14

Concen: 86.39 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.02 min

Lab File: BG023221.D

Acq: 22 Jul 2016 18:39

Instrument :

BNA_G

ClientSampleId :

PB92359BL

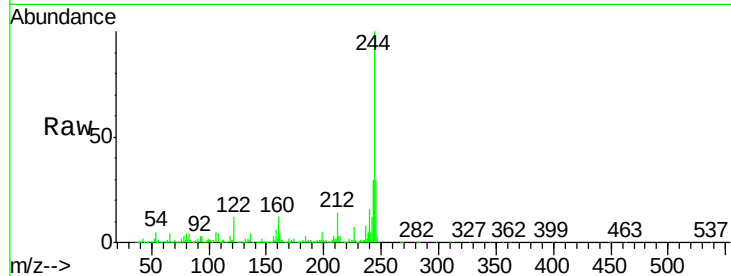
Tgt Ion:244 Resp: 2716532

Ion Ratio Lower Upper

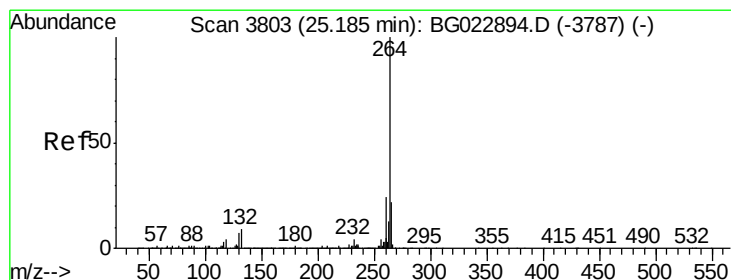
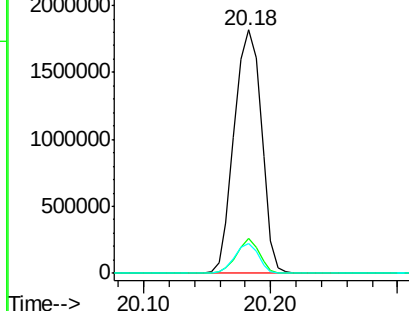
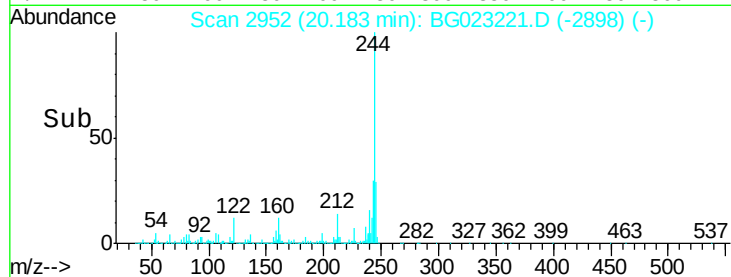
244 100

212 14.1 10.8 16.2

122 12.3 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: 25.30 min Scan# 3823

Delta R.T. 0.03 min

Lab File: BG023221.D

Acq: 22 Jul 2016 18:39

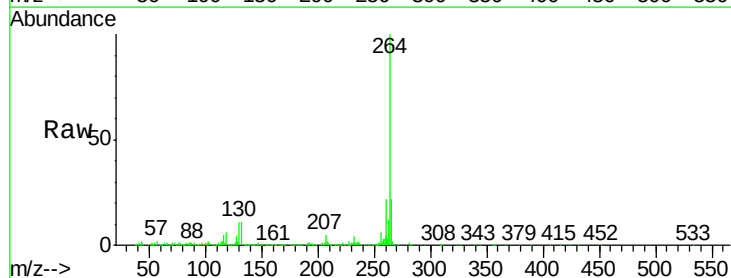
Tgt Ion:264 Resp: 960051

Ion Ratio Lower Upper

264 100

260 21.7 18.4 27.6

265 21.6 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

