

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072916\
 Data File : BG023331.D
 Acq On : 29 Jul 2016 8:24
 Operator : UM/SJ
 Sample : H4213-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 L-5

Quant Time: Jul 29 13:27:01 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	150124	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	672456	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	489246	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1160655	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1214539	20.00	ng	0.00
86) Perylene-d12	25.30	264	1199597	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1174349	133.54	ng	0.00
7) Phenol-d6	7.29	99	1667321	123.50	ng	0.00
23) Nitrobenzene-d5	9.31	82	1203028	87.49	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	845690	167.01	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2472233	94.58	ng	0.00
78) Terphenyl-d14	20.18	244	3252127	87.04	ng	0.00

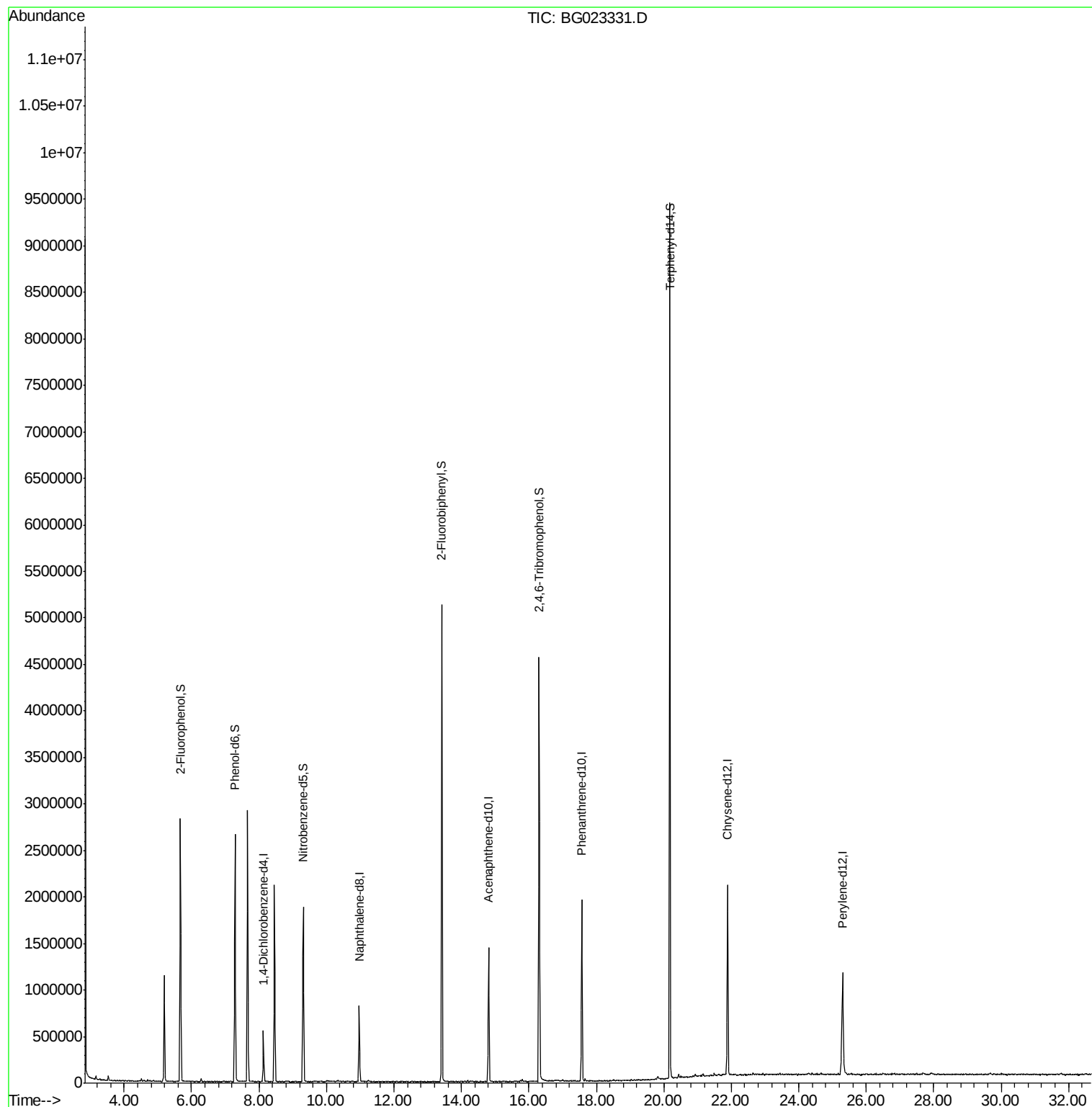
Target Compounds Qvalue

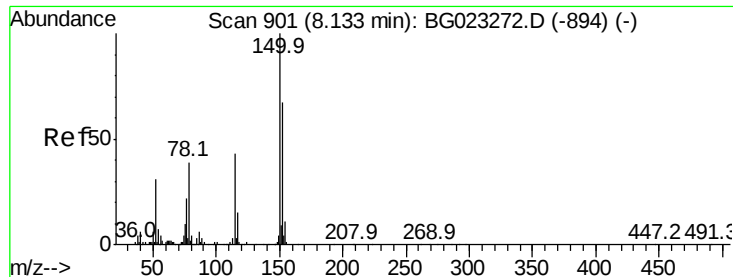
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG023331.D

Acq: 29 Jul 2016 8:24

Instrument :

BNA_G

ClientSampleId :

L-5

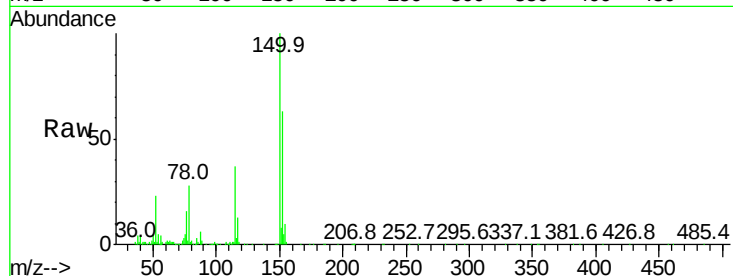
Tot Ion:152 Resp: 150124

Ion Ratio Lower Upper

152 100

150 158.4 144.7 217.1

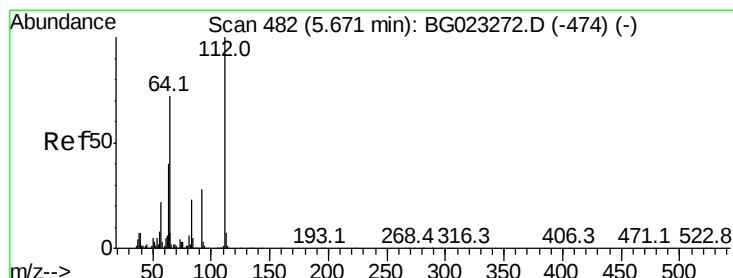
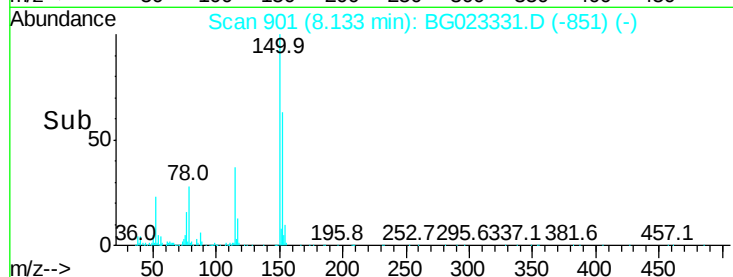
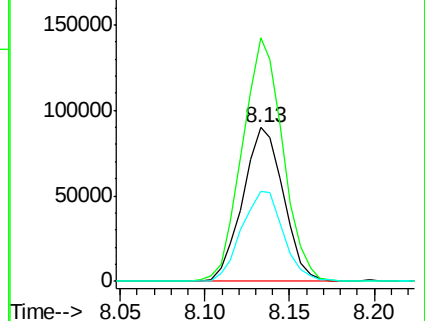
115 58.9 64.0 96.0#



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: 133.54 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023331.D

Acq: 29 Jul 2016 8:24

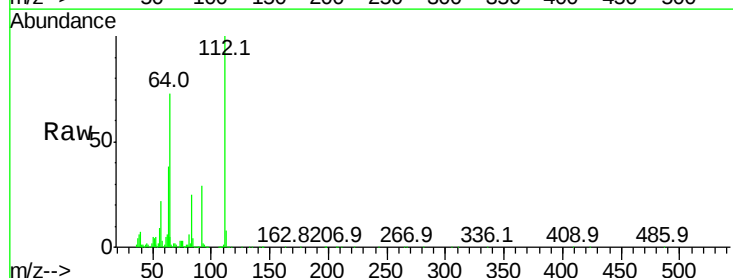
Tgt Ion:112 Resp: 1174349

Ion Ratio Lower Upper

112 100

64 72.7 59.0 88.4

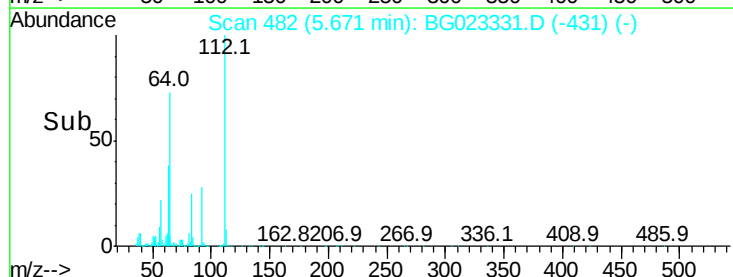
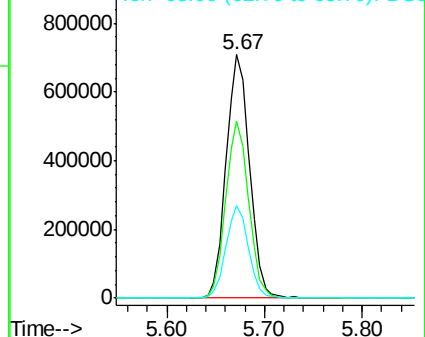
63 38.2 37.8 56.8

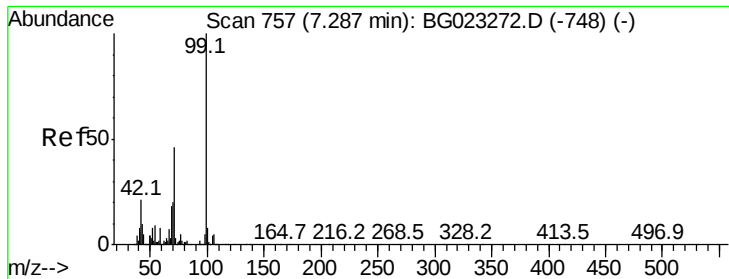


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 123.50 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023331.D

Acq: 29 Jul 2016 8:24

Instrument :

BNA_G

ClientSampleId :

L-5

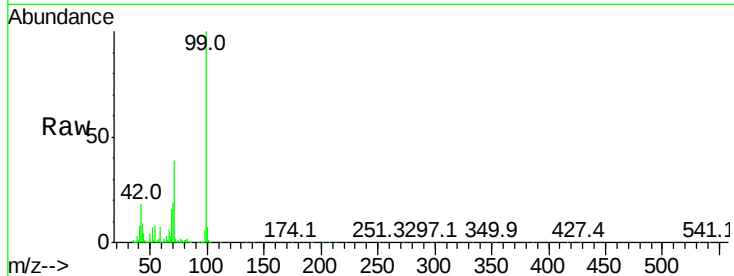
Tot Ion: 99 Resp: 1667321

Ion Ratio Lower Upper

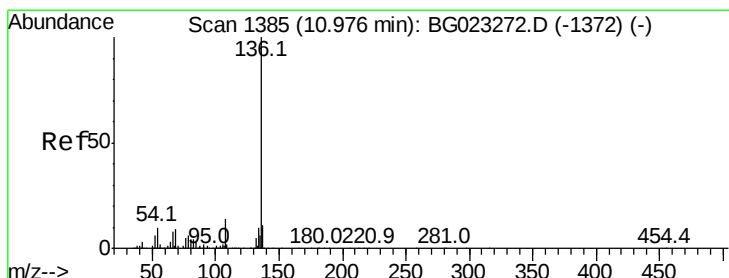
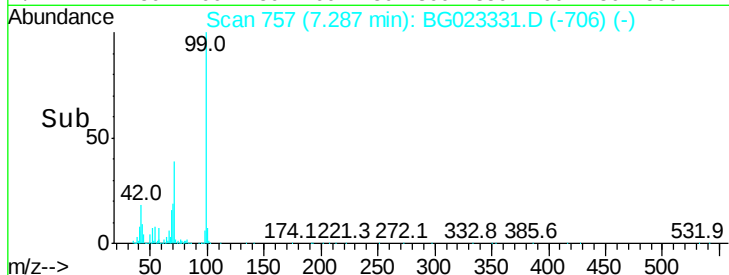
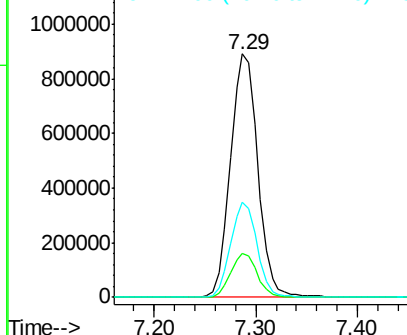
99 100

42 18.1 17.8 26.6

71 39.1 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: 10.97 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BG023331.D

Acq: 29 Jul 2016 8:24

Tgt Ion: 136 Resp: 672456

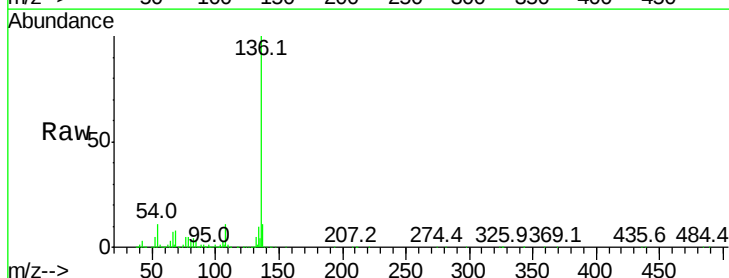
Ion Ratio Lower Upper

136 100

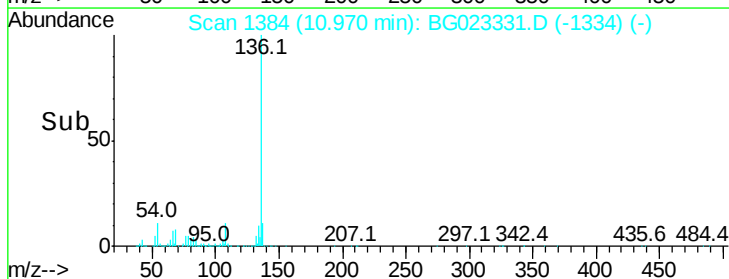
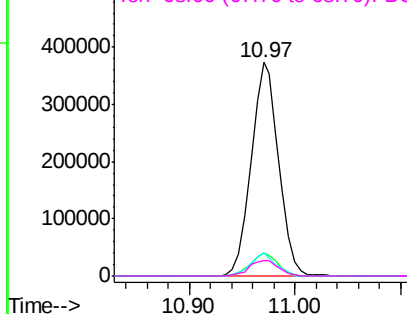
137 10.7 9.6 14.4

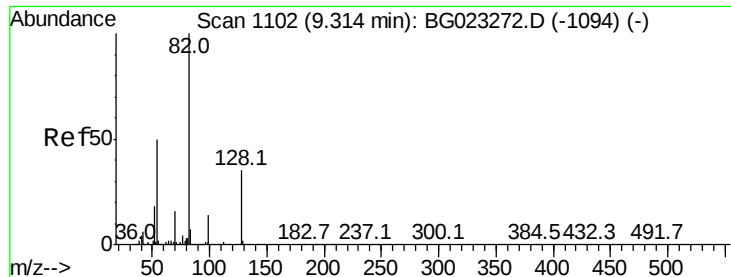
54 10.6 7.3 10.9

68 7.5 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



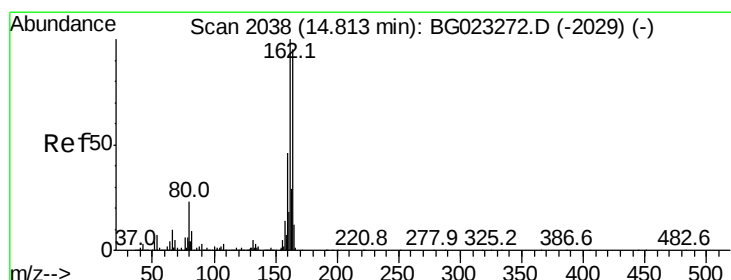
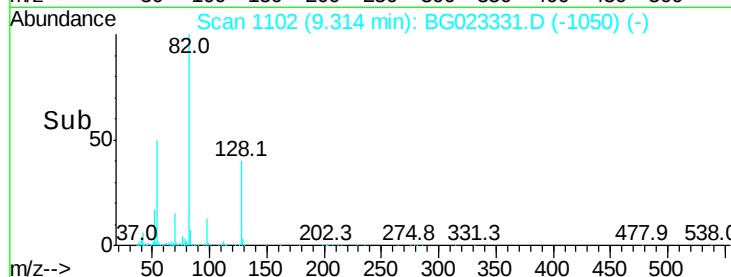
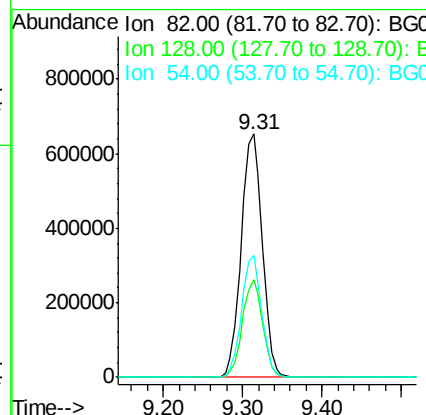
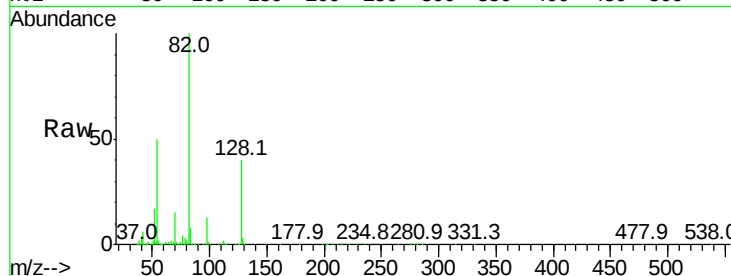


#23
 Nitrobenzene-d5
 Concen: 87.49 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023331.D
 Acq: 29 Jul 2016 8:24

Instrument :
 BNA_G
 ClientSampleId :
 L-5

Tot Ion: 82 Resp: 1203028

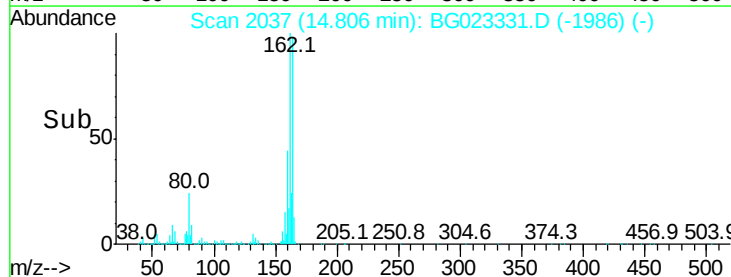
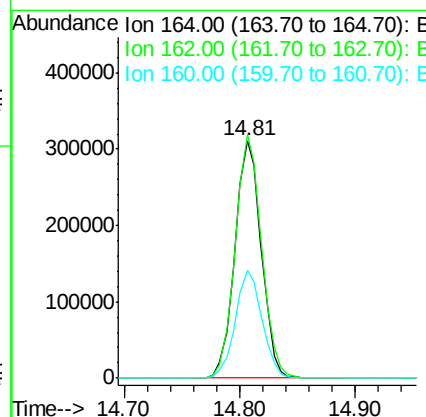
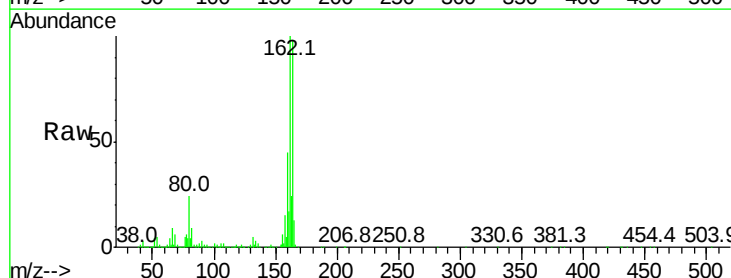
Ion	Ratio	Lower	Upper
82	100		
128	39.9	24.4	36.6#
54	50.3	41.4	62.0

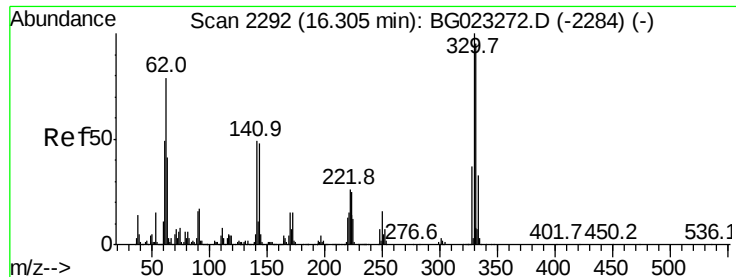


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BG023331.D
 Acq: 29 Jul 2016 8:24

Tgt Ion: 164 Resp: 489246

Ion	Ratio	Lower	Upper
164	100		
162	102.4	87.7	131.5
160	45.6	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 167.01 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG023331.D

Acq: 29 Jul 2016 8:24

Instrument :

BNA_G

ClientSampleId :

L-5

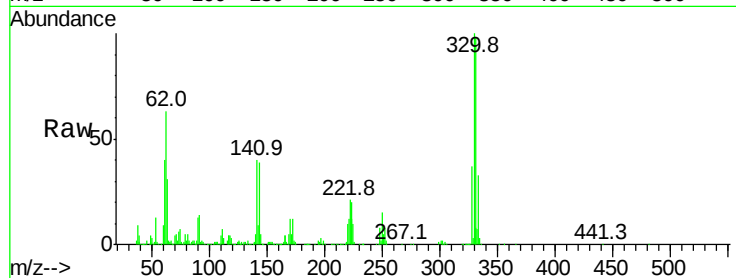
Tot Ion:330 Resp: 845690

Ion Ratio Lower Upper

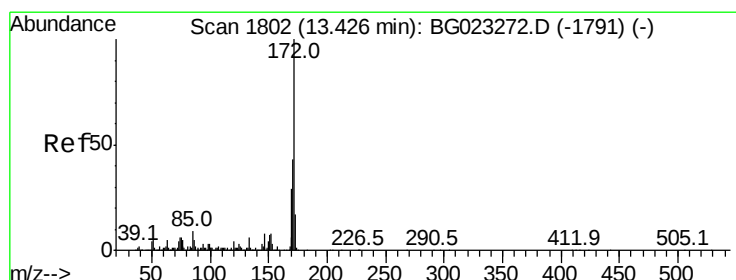
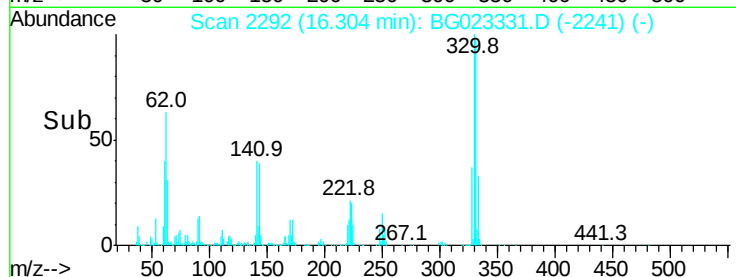
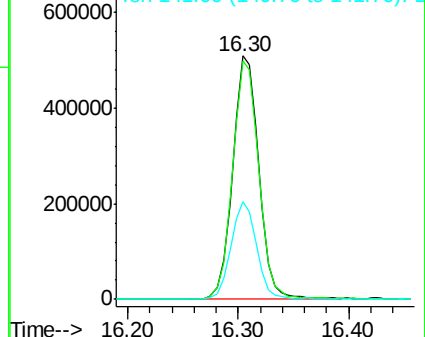
330 100

332 98.1 77.4 116.2

141 39.3 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: 94.58 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BG023331.D

Acq: 29 Jul 2016 8:24

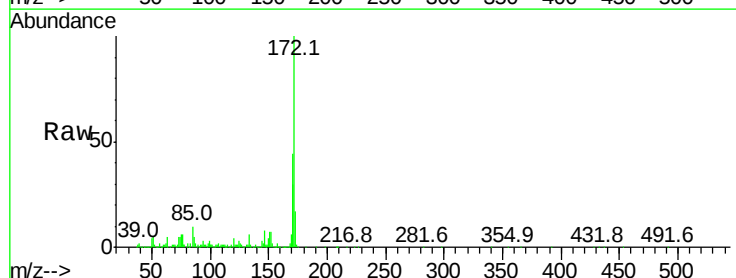
Tgt Ion:172 Resp: 2472233

Ion Ratio Lower Upper

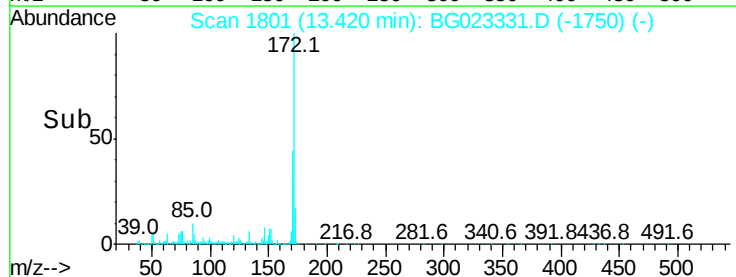
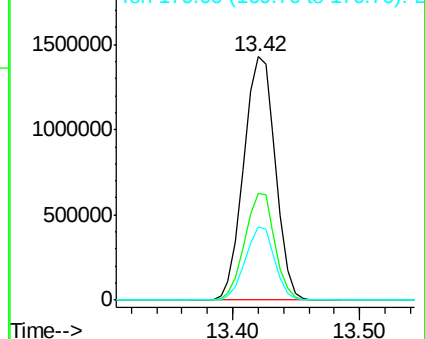
172 100

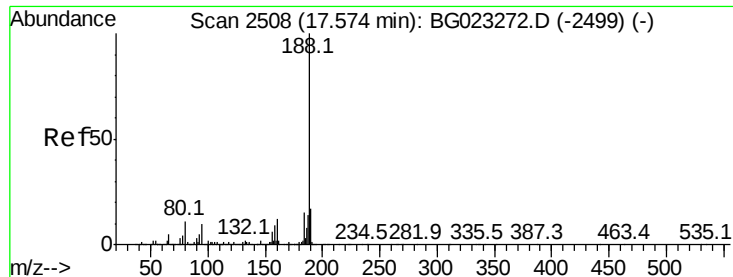
171 43.9 31.6 47.4

170 30.1 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

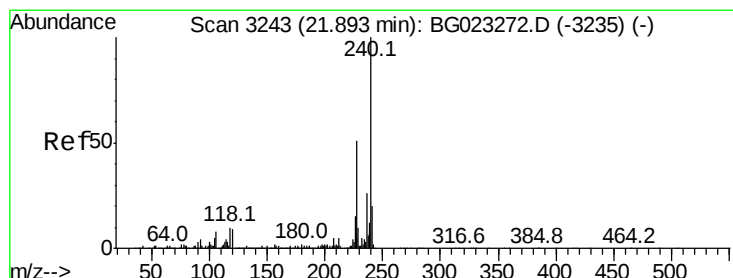
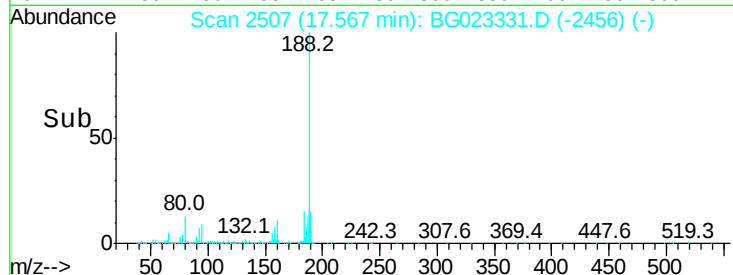
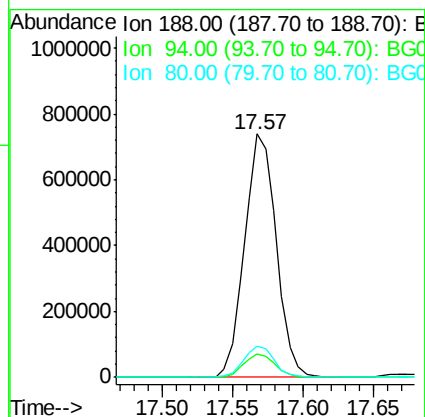
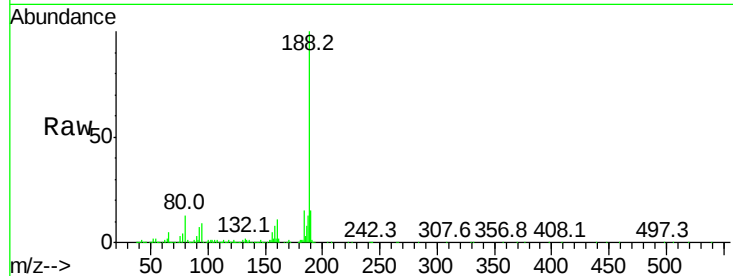




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG023331.D
Acq: 29 Jul 2016 8:24

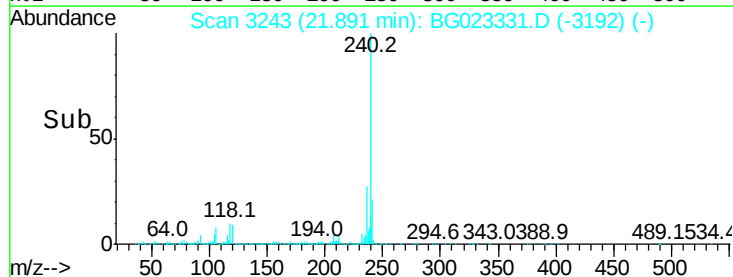
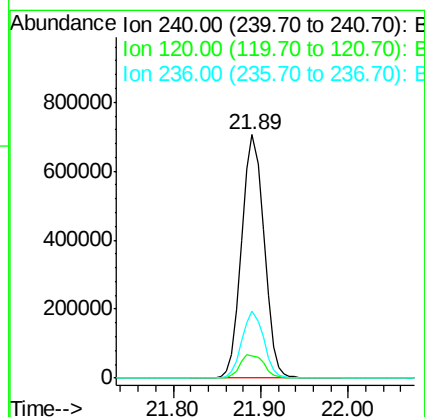
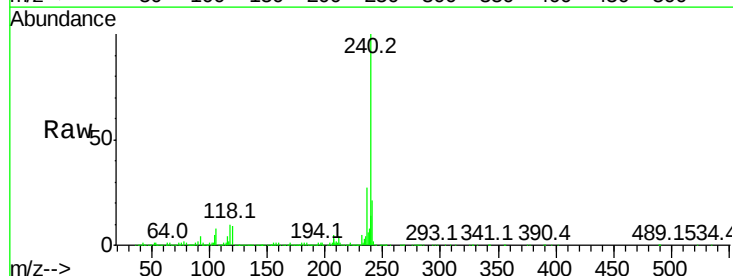
Instrument :
BNA_G
ClientSampleId :
L-5

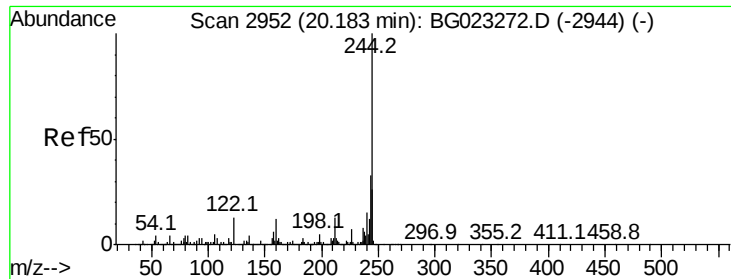
Tot Ion:188 Resp: 1160655
Ion Ratio Lower Upper
188 100
94 9.5 5.2 7.8#
80 12.8 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.00 min
Lab File: BG023331.D
Acq: 29 Jul 2016 8:24

Tgt Ion:240 Resp: 1214539
Ion Ratio Lower Upper
240 100
120 9.4 4.1 6.1#
236 27.4 21.1 31.7





#78

Terphenyl-d14

Concen: 87.04 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023331.D

Acq: 29 Jul 2016 8:24

Instrument :

BNA_G

ClientSampled :

L-5

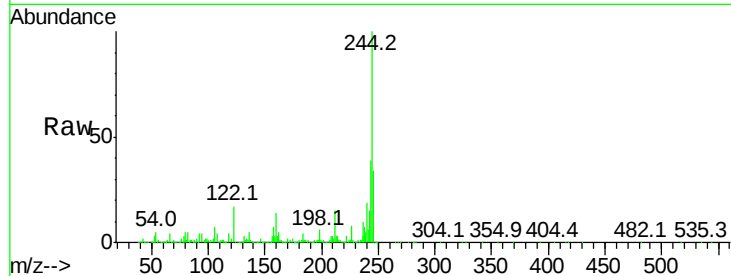
Tot Ion:244 Resp: 3252127

Ion Ratio Lower Upper

244 100

212 15.0 10.8 16.2

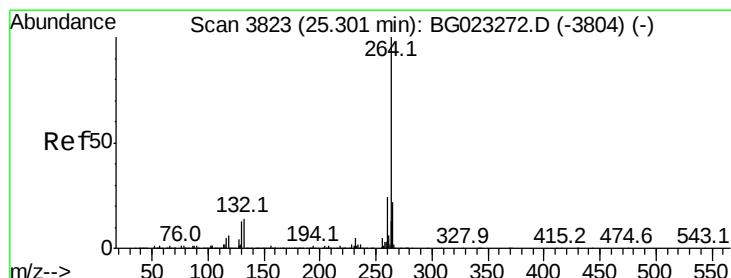
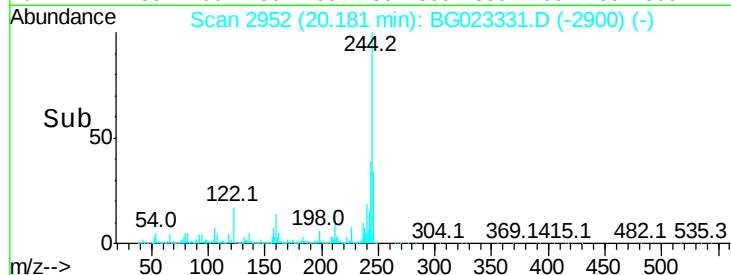
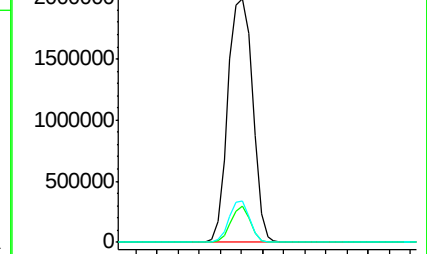
122 17.2 8.0 12.0#



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. -0.00 min

Lab File: BG023331.D

Acq: 29 Jul 2016 8:24

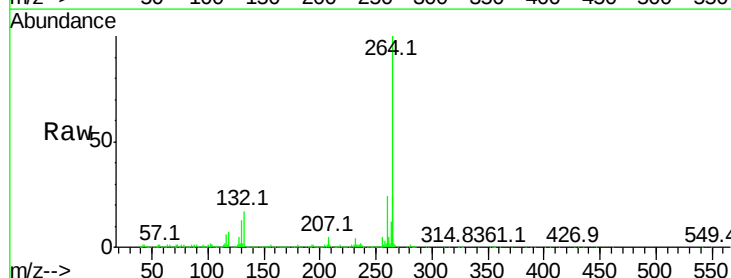
Tgt Ion:264 Resp: 1199597

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 23.6 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

