

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072916\
 Data File : BG023334.D
 Acq On : 29 Jul 2016 10:24
 Operator : UM/SJ
 Sample : H4213-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 L-8

Quant Time: Jul 29 13:32:25 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

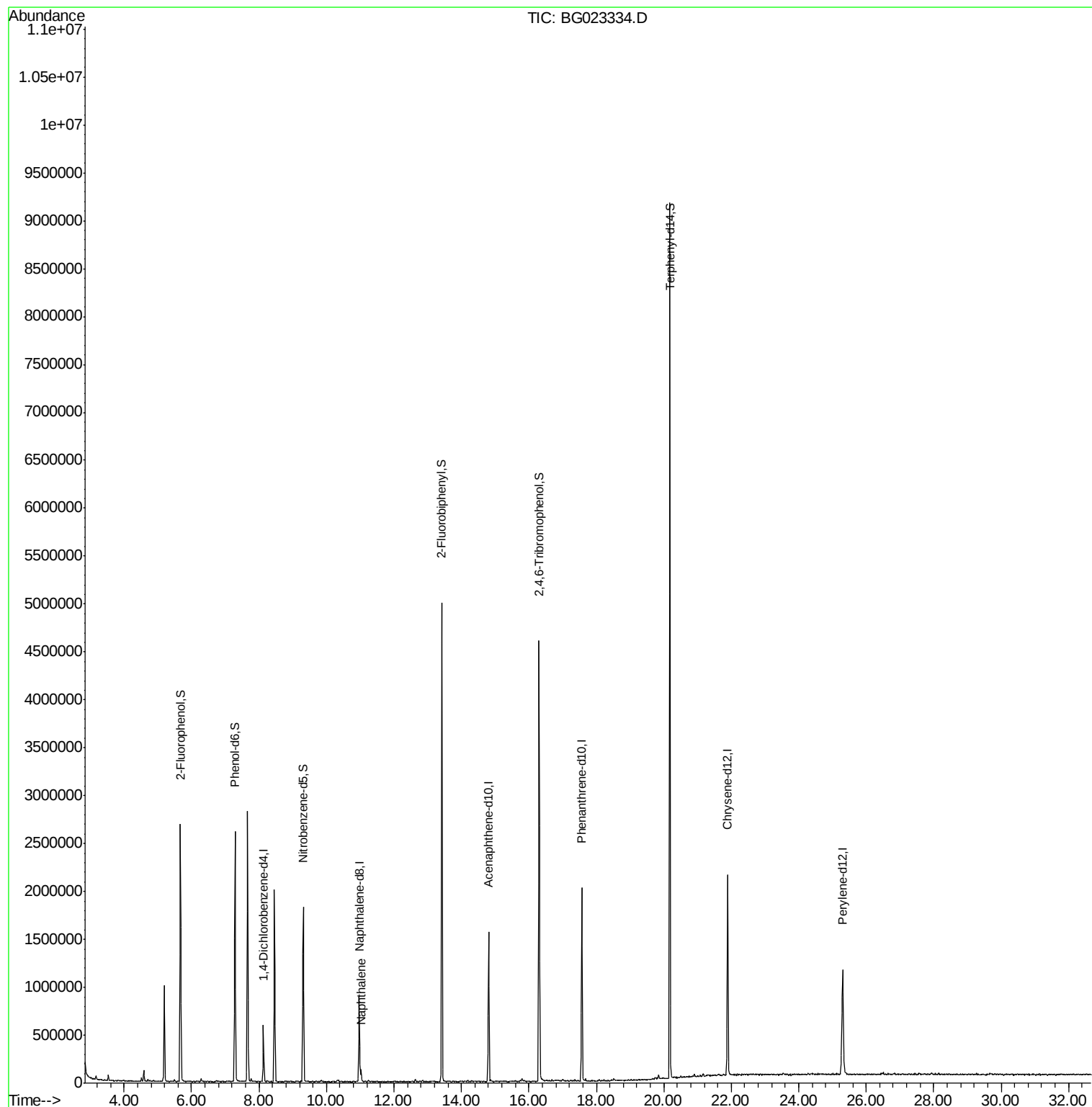
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	159282	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	727723	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	513635	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1221266	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1229496	20.00	ng	0.00
86) Perylene-d12	25.30	264	1235982	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1130715	121.19	ng	0.00
7) Phenol-d6	7.29	99	1620882	113.15	ng	0.00
23) Nitrobenzene-d5	9.31	82	1194806	80.29	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	809970	152.36	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2459298	89.61	ng	0.00
78) Terphenyl-d14	20.18	244	3181850	84.13	ng	0.00
Target Compounds						
31) Naphthalene	11.03	128	109578	3.24	ng	Qvalue # 95

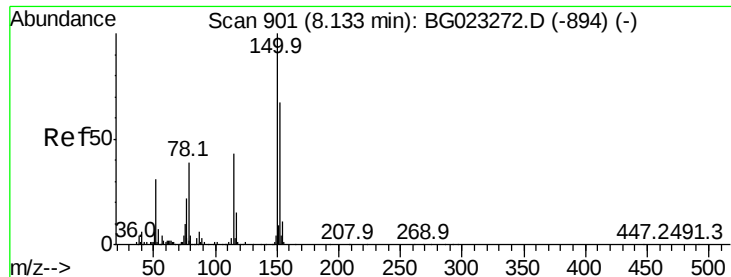
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023334.D

Acq: 29 Jul 2016 10:24

Instrument :

BNA_G

ClientSampleId :

L-8

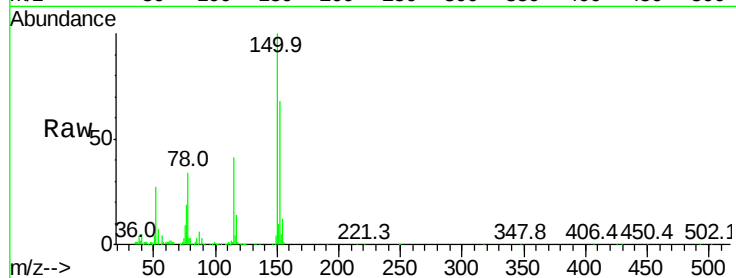
Tot Ion:152 Resp: 159282

Ion Ratio Lower Upper

152 100

150 147.3 144.7 217.1

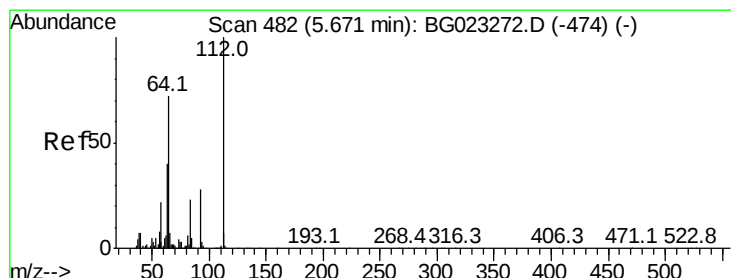
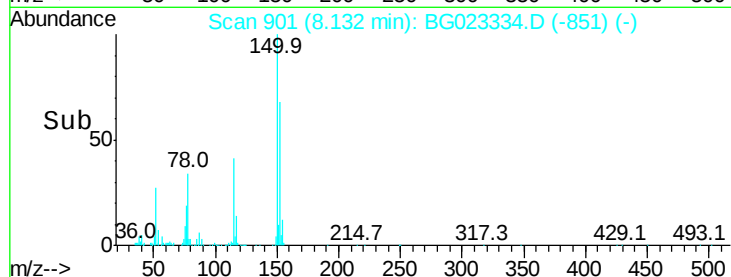
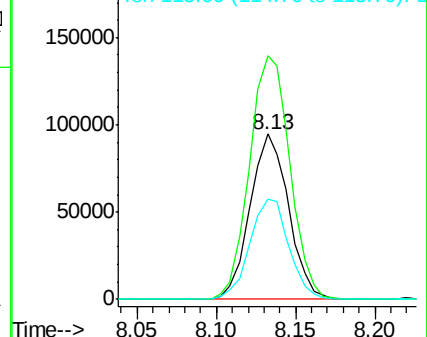
115 60.8 64.0 96.0#



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: 121.19 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023334.D

Acq: 29 Jul 2016 10:24

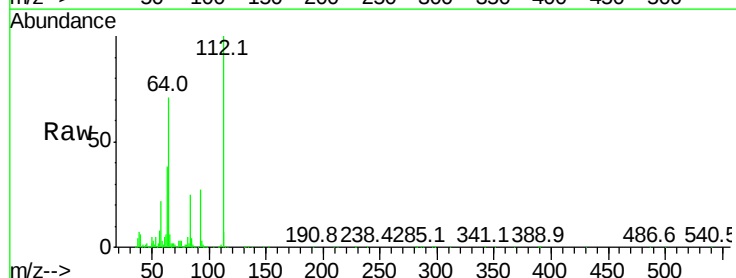
Tgt Ion:112 Resp: 1130715

Ion Ratio Lower Upper

112 100

64 71.4 59.0 88.4

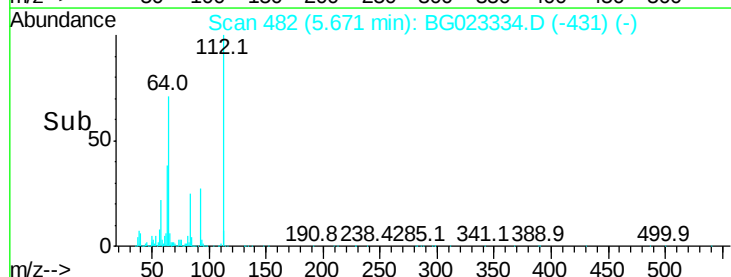
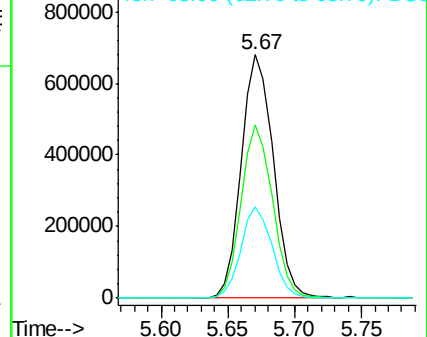
63 37.7 37.8 56.8#

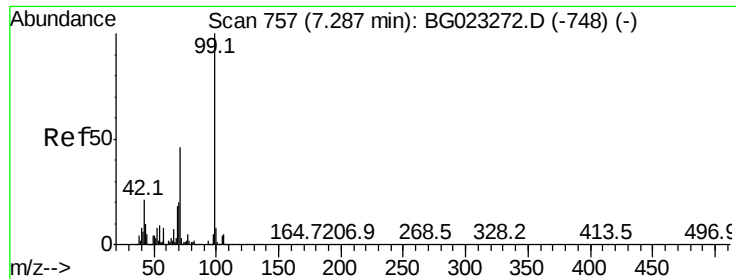


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.15 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023334.D

Acq: 29 Jul 2016 10:24

Instrument :

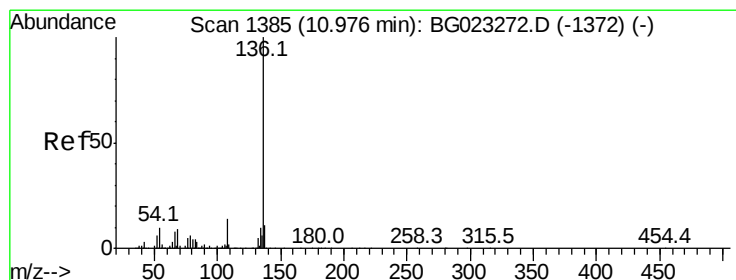
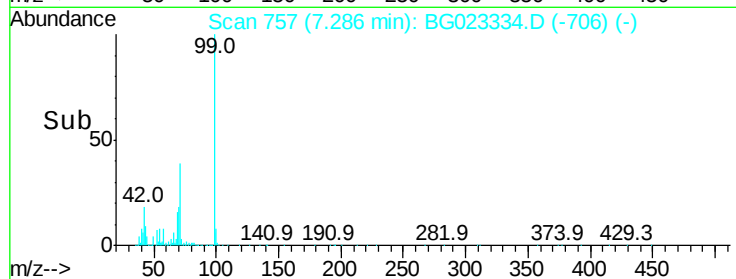
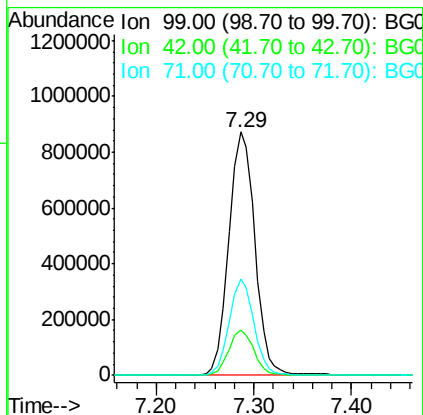
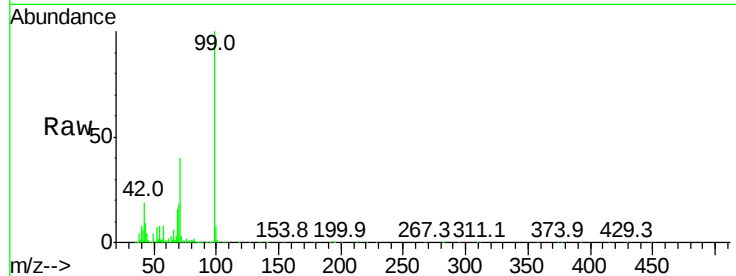
BNA_G

ClientSampleId :

L-8

Tot Ion: 99 Resp: 1620882

Ion	Ratio	Lower	Upper
99	100		
42	18.5	17.8	26.6
71	39.5	41.5	62.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1384

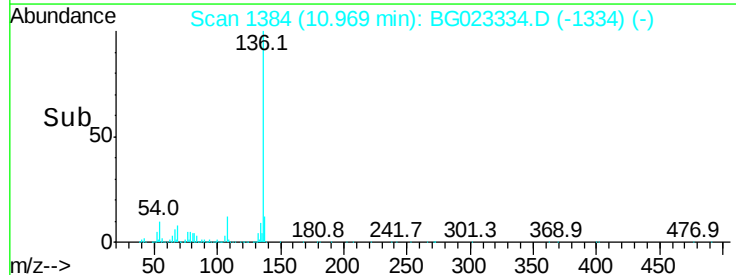
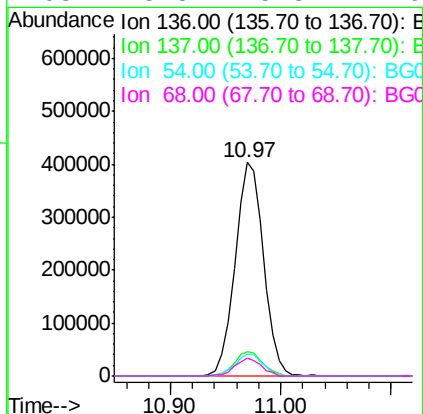
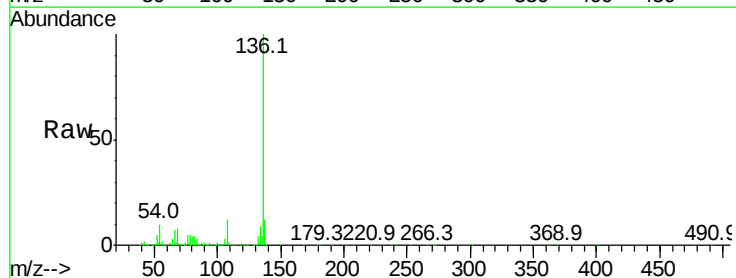
Delta R.T. -0.01 min

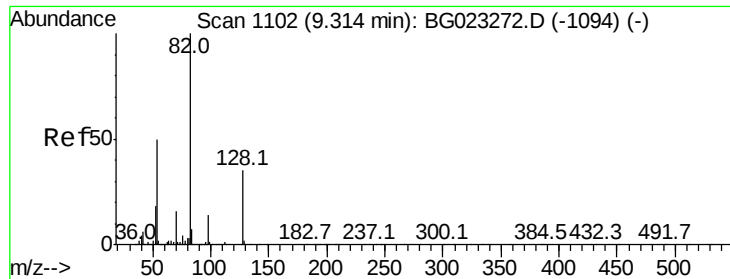
Lab File: BG023334.D

Acq: 29 Jul 2016 10:24

Tgt Ion: 136 Resp: 727723

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	9.9	7.3	10.9
68	8.3	5.3	7.9#

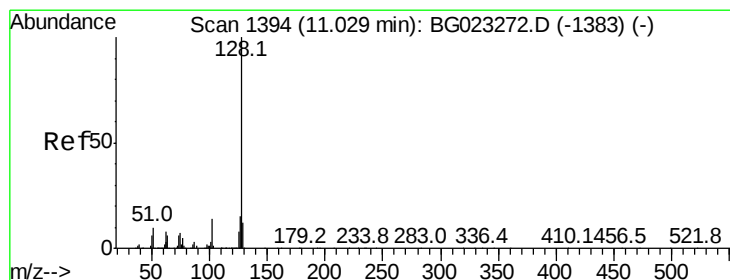
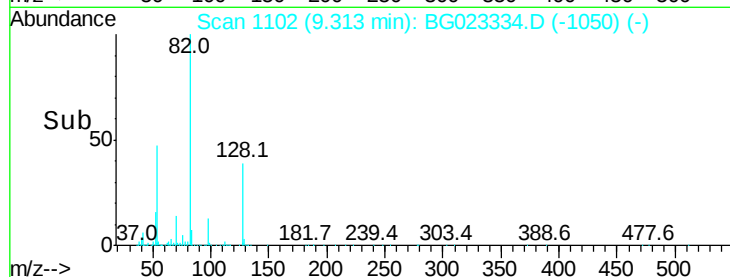
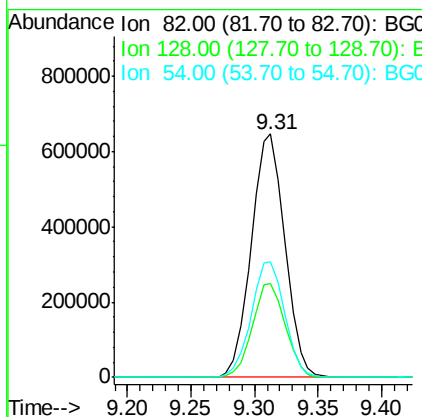
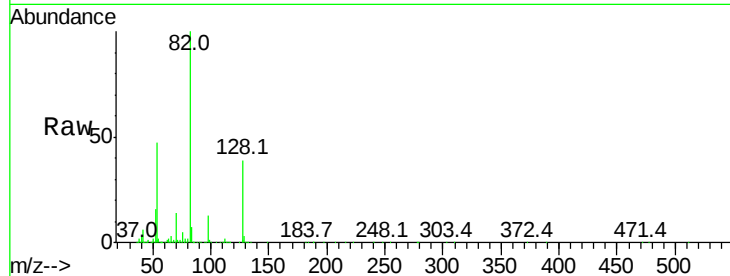




#23
Nitrobenzene-d5
Concen: 80.29 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023334.D
Acq: 29 Jul 2016 10:24

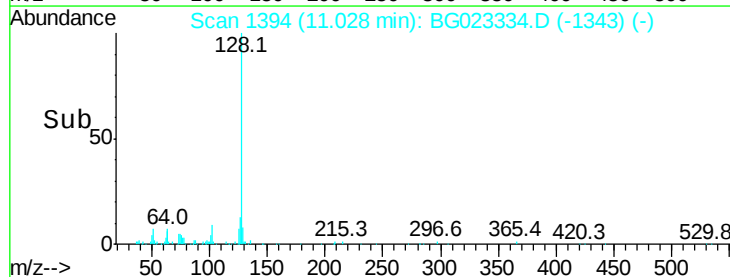
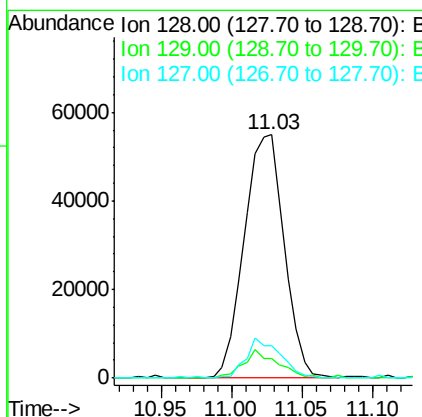
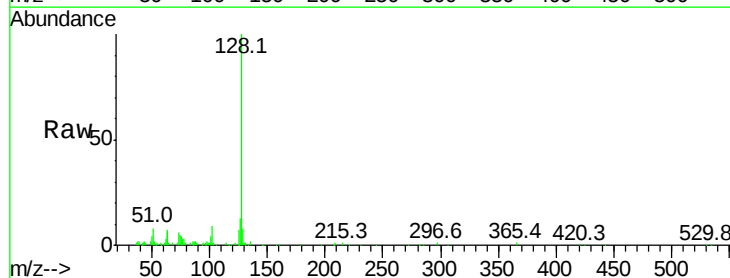
Instrument :
BNA_G
ClientSampleId :
L-8

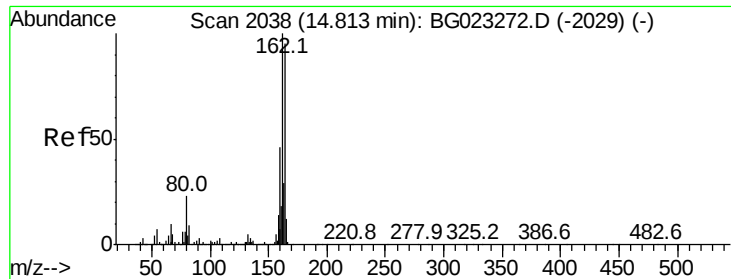
Tot Ion: 82 Resp: 1194806
Ion Ratio Lower Upper
82 100
128 38.6 24.4 36.6#
54 47.5 41.4 62.0



#31
Naphthalene
Concen: 3.24 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG023334.D
Acq: 29 Jul 2016 10:24

Tgt Ion: 128 Resp: 109578
Ion Ratio Lower Upper
128 100
129 8.3 9.4 14.0#
127 13.2 11.3 16.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG023334.D

Acq: 29 Jul 2016 10:24

Instrument :

BNA_G

ClientSampleId :

L-8

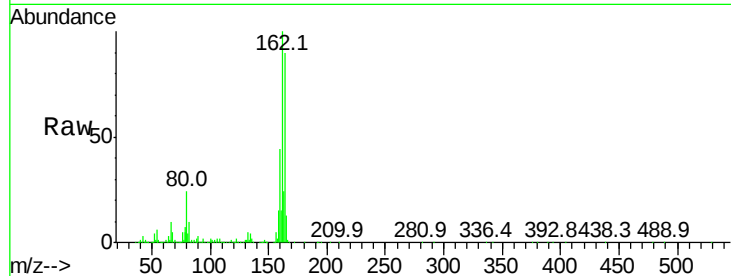
Tot Ion:164 Resp: 513635

Ion Ratio Lower Upper

164 100

162 110.5 87.7 131.5

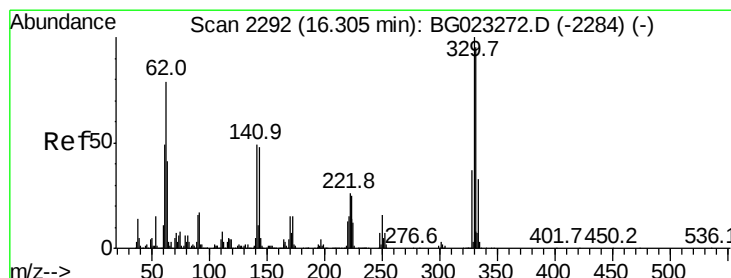
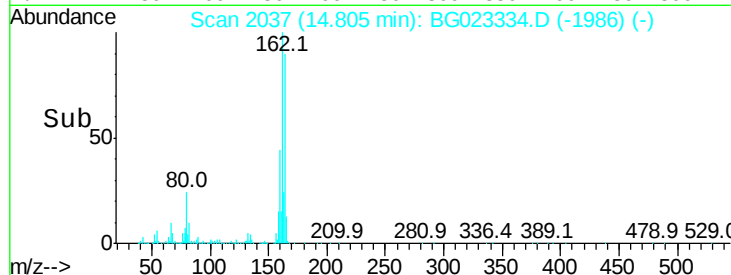
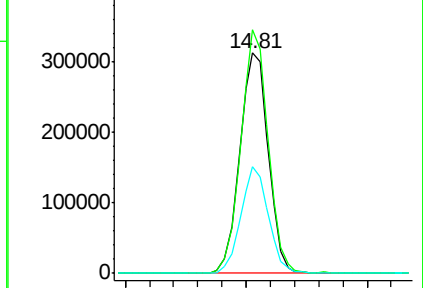
160 48.7 37.2 55.8



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: 152.36 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG023334.D

Acq: 29 Jul 2016 10:24

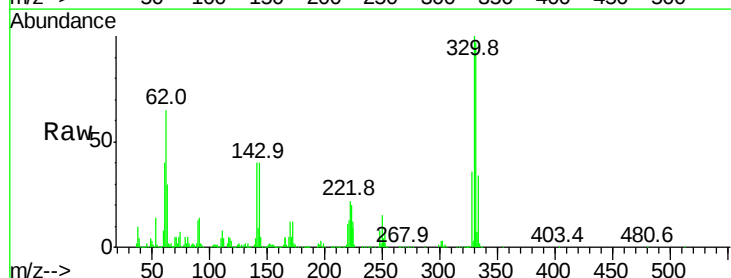
Tgt Ion:330 Resp: 809970

Ion Ratio Lower Upper

330 100

332 98.0 77.4 116.2

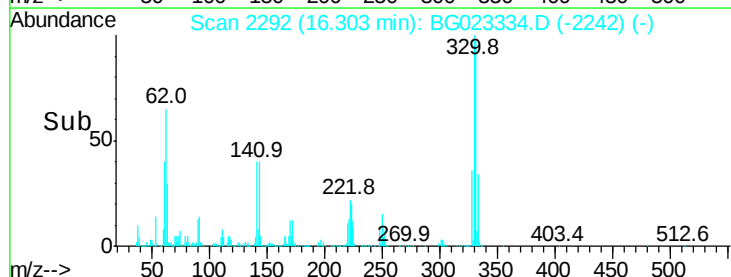
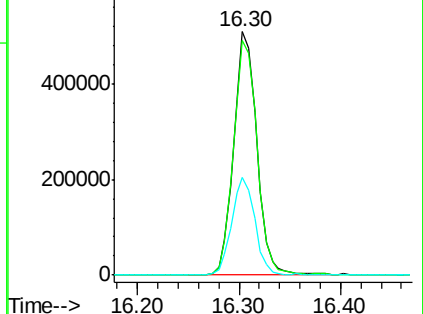
141 39.8 31.7 47.5

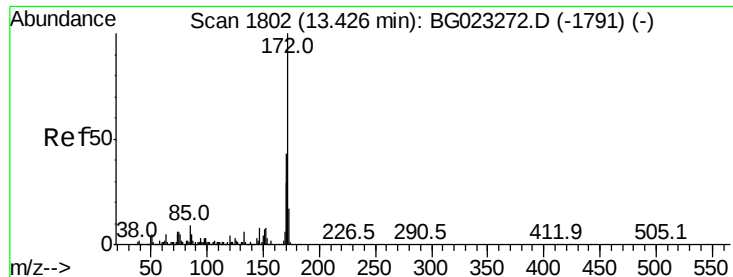


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 89.61 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BG023334.D

Acq: 29 Jul 2016 10:24

Instrument :

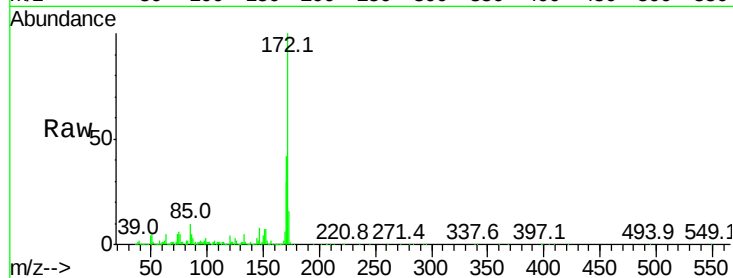
BNA_G

ClientSampleId :

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Tot Ion:172 Resp: 2459298

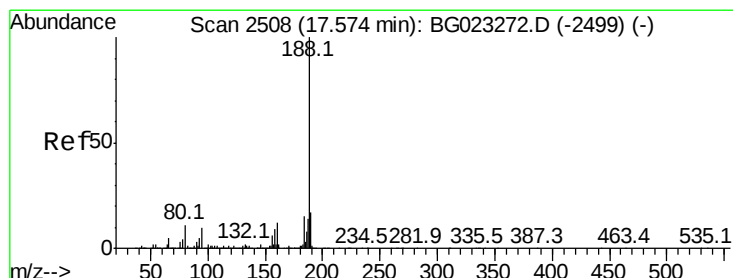
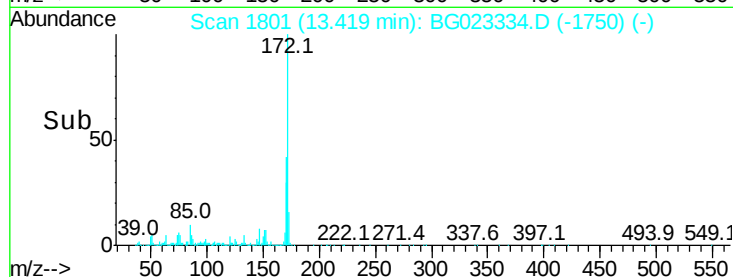
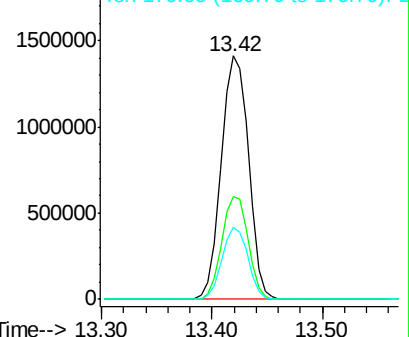
Ion	Ratio	Lower	Upper
172	100		
171	42.1	31.6	47.4
170	29.6	21.3	31.9



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

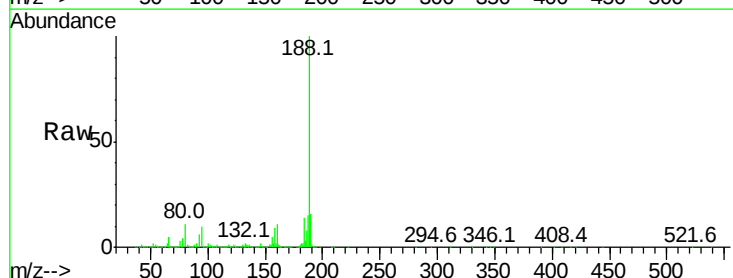
Delta R.T. 0.00 min

Lab File: BG023334.D

Acq: 29 Jul 2016 10:24

Tgt Ion:188 Resp: 1221266

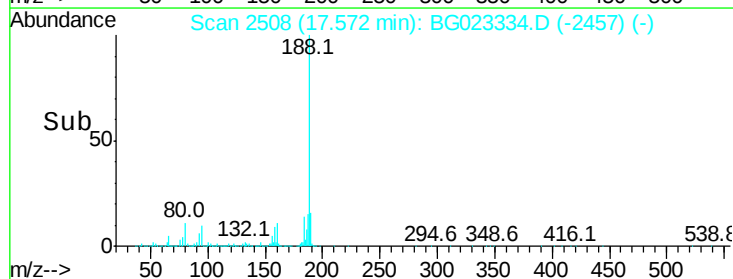
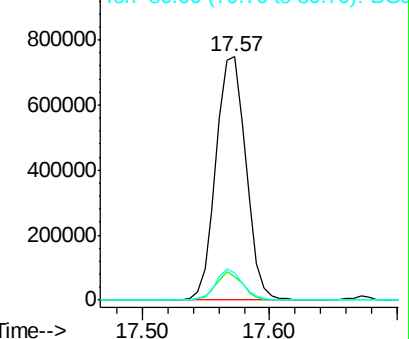
Ion	Ratio	Lower	Upper
188	100		
94	9.9	5.2	7.8#
80	11.3	7.2	10.8#

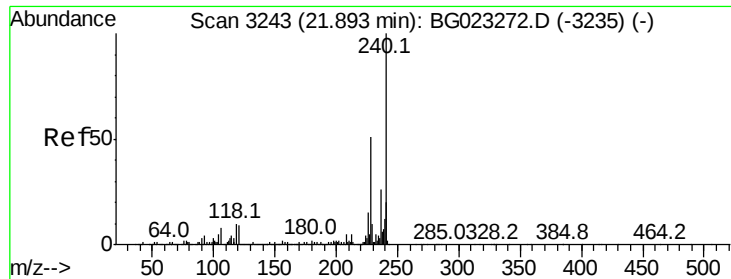


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

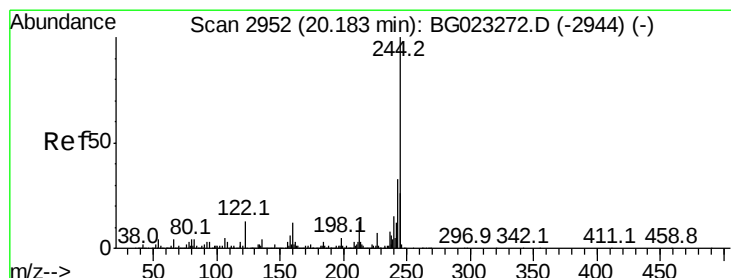
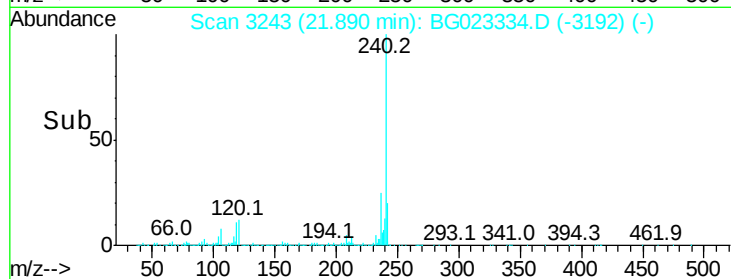
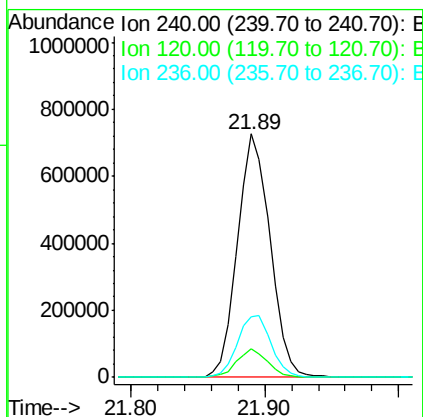
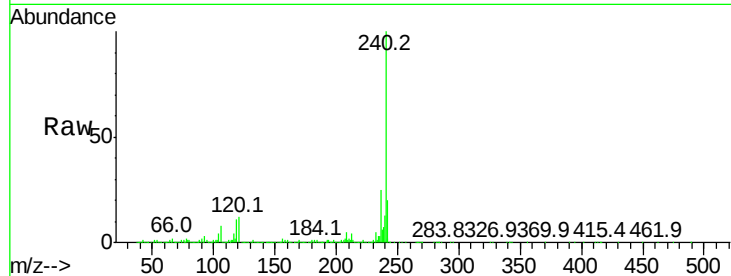




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.89 min Scan# 3243
 Delta R.T. 0.00 min
 Lab File: BG023334.D
 Acq: 29 Jul 2016 10:24

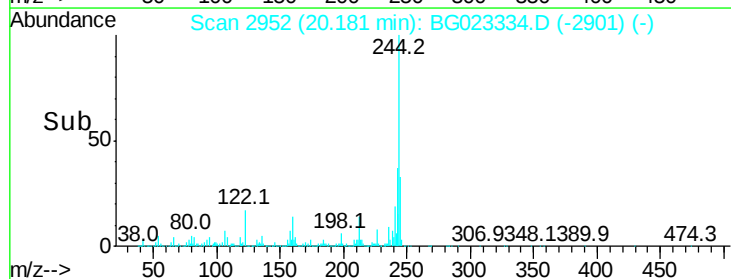
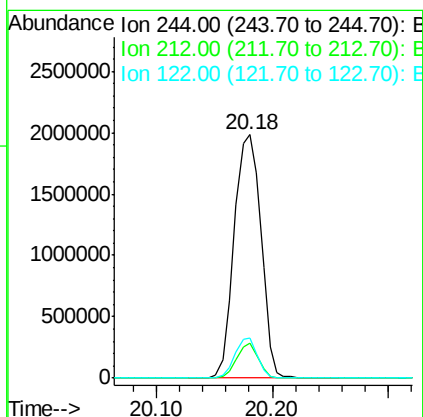
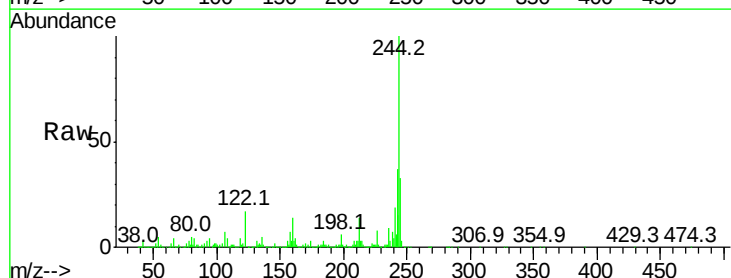
Instrument :
 BNA_G
 ClientSampleId :
 L-8

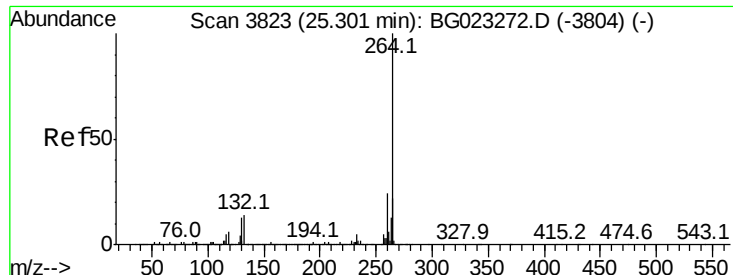
Tot Ion:240 Resp: 1229496
 Ion Ratio Lower Upper
 240 100
 120 11.7 4.1 6.1#
 236 25.0 21.1 31.7



#78
 Terphenyl-d14
 Concen: 84.13 ng
 RT: 20.18 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: BG023334.D
 Acq: 29 Jul 2016 10:24

Tgt Ion:244 Resp: 3181850
 Ion Ratio Lower Upper
 244 100
 212 14.2 10.8 16.2
 122 16.7 8.0 12.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3823
Delta R.T. -0.01 min
Lab File: BG023334.D
Acq: 29 Jul 2016 10:24

Instrument :
BNA_G
ClientSampleId :
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Tot Ion:264 Resp: 1235982

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.1	18.9	28.3

