

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072716\
 Data File : BG023284.D
 Acq On : 27 Jul 2016 15:42
 Operator : UM/SJ
 Sample : H4133-13RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-32RE

Quant Time: Jul 28 16:17:42 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

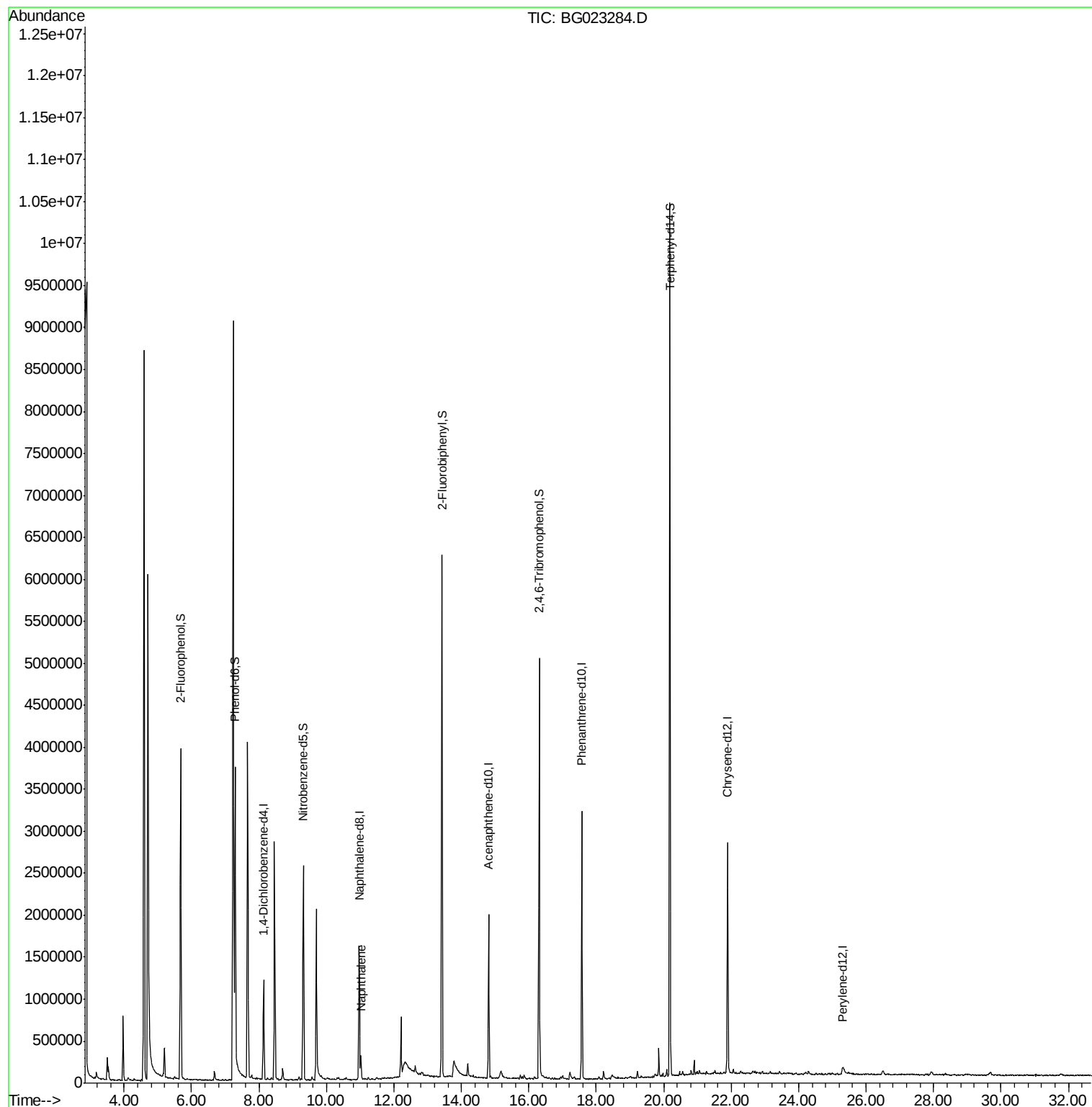
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	319526	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	1320594	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	524849	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1762494	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1382889	20.00	ng	0.00
86) Perylene-d12	25.31	264	14365m	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1652721	88.30	ng	0.00
7) Phenol-d6	7.29	99	1883932	65.56	ng	0.00
23) Nitrobenzene-d5	9.31	82	1664641	61.64	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	910865	167.68	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2919848	104.12	ng	0.00
78) Terphenyl-d14	20.18	244	3405833	80.06	ng	0.00
Target Compounds						
31) Naphthalene	11.03	128	235559	3.84	ng	Qvalue 97

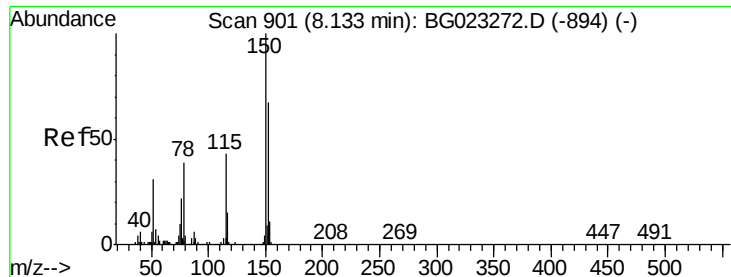
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

Instrument :

BNA_G

ClientSampleId :

D-32RE

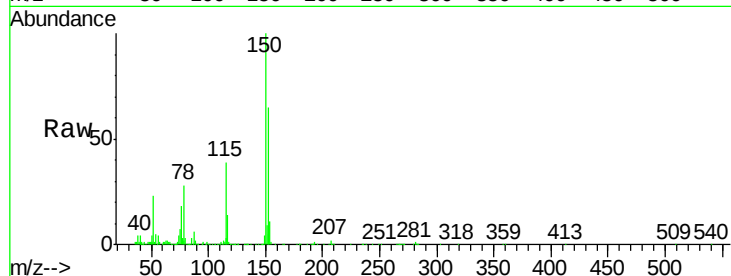
Tgt Ion:152 Resp: 319526

Ion Ratio Lower Upper

152 100

150 153.7 144.7 217.1

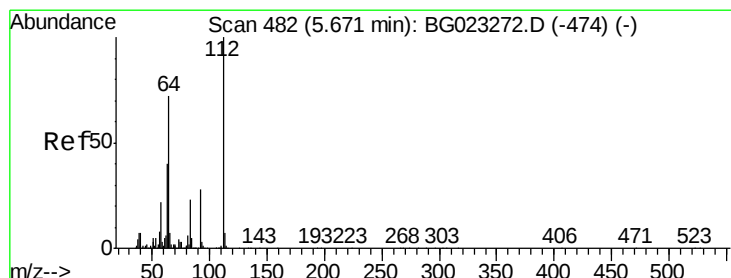
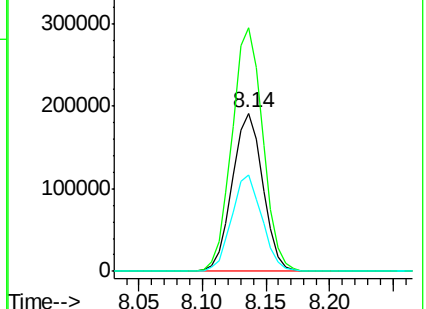
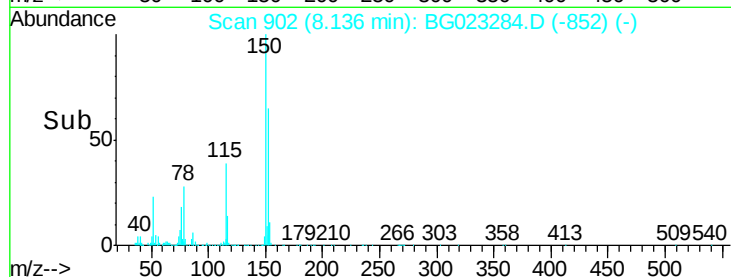
115 60.6 64.0 96.0#



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: 88.30 ng

RT: 5.67 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

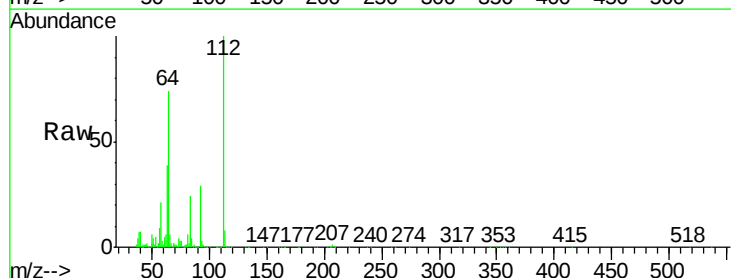
Tgt Ion:112 Resp: 1652721

Ion Ratio Lower Upper

112 100

64 73.8 59.0 88.4

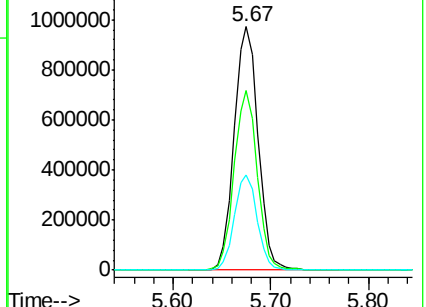
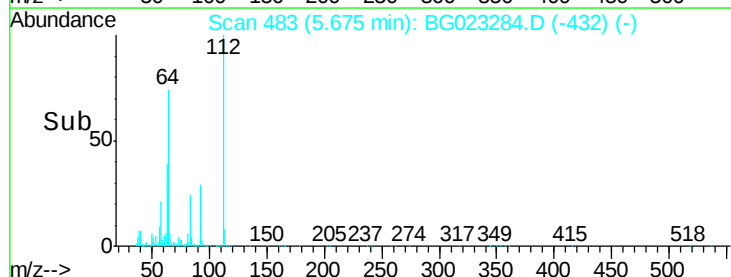
63 39.1 37.8 56.8

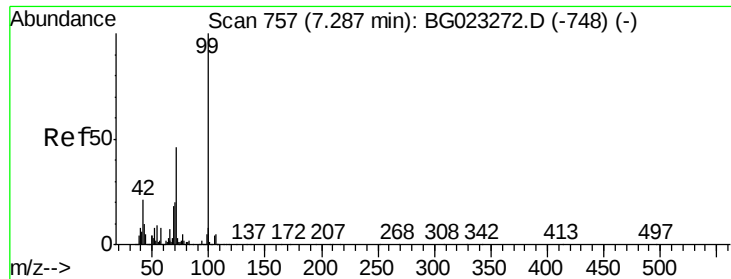


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 65.56 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

Instrument :

BNA_G

ClientSampled :

D-32RE

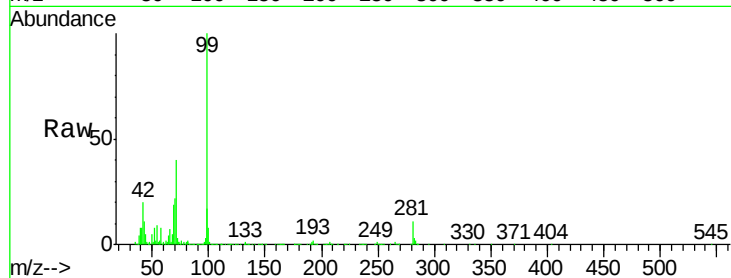
Tgt Ion: 99 Resp: 1883932

Ion Ratio Lower Upper

99 100

42 20.0 17.8 26.6

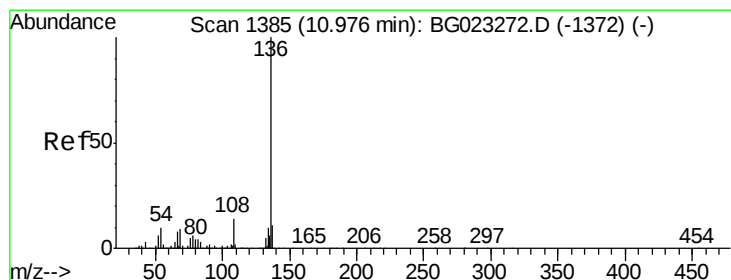
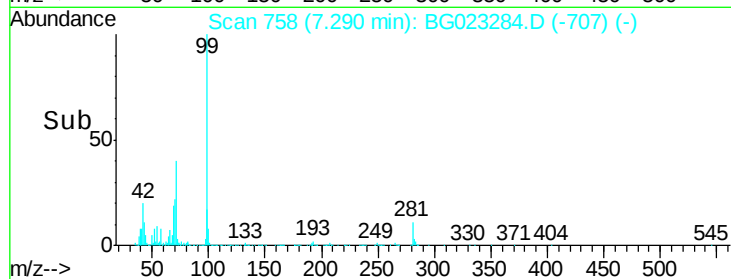
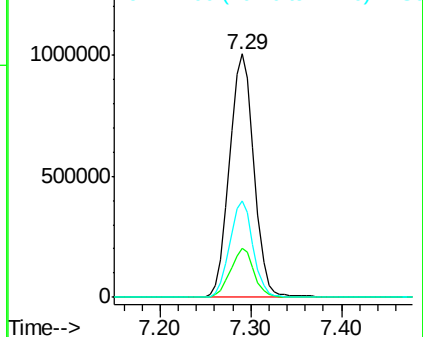
71 39.8 41.5 62.3#



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# 1385

Delta R.T. -0.00 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

Tgt Ion: 136 Resp: 1320594

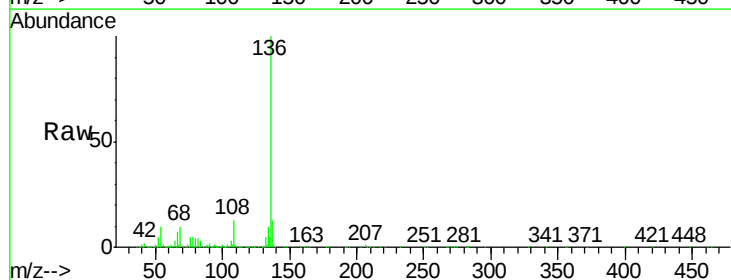
Ion Ratio Lower Upper

136 100

137 12.8 9.6 14.4

54 10.2 7.3 10.9

68 9.7 5.3 7.9#

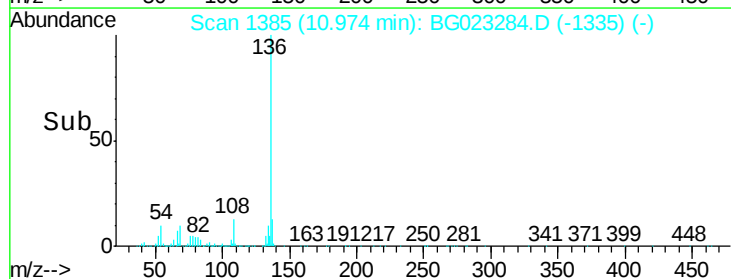
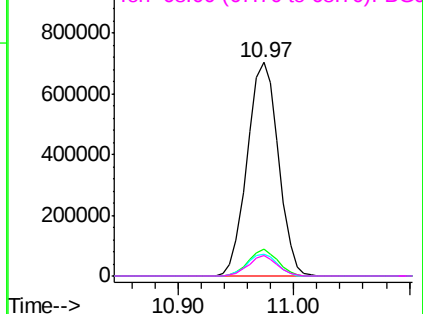


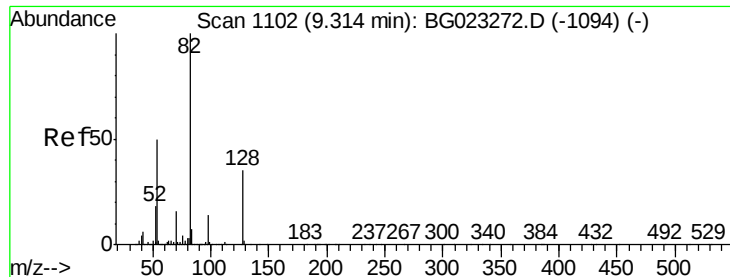
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 61.64 ng

RT: 9.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

Instrument :

BNA_G

ClientSampleId :

D-32RE

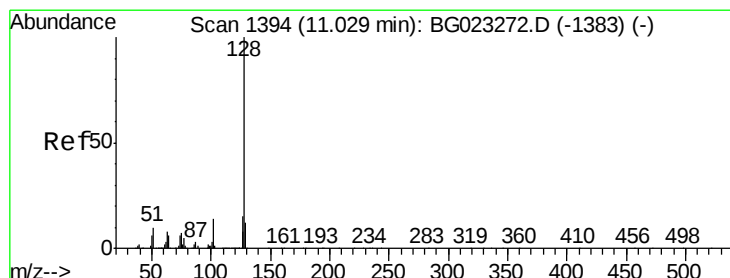
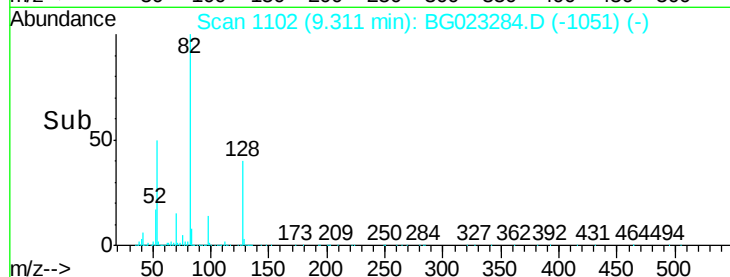
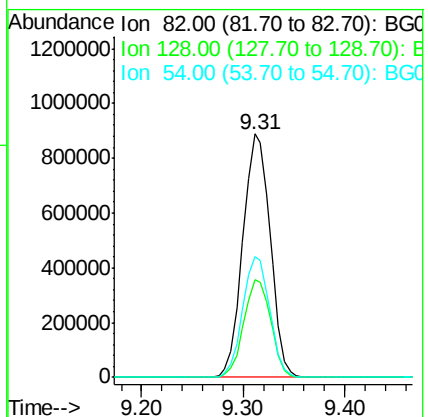
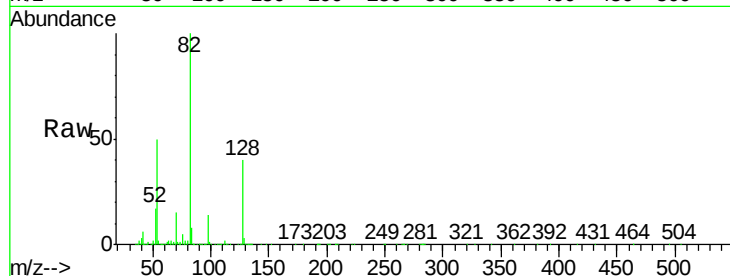
Tgt Ion: 82 Resp: 1664641

Ion Ratio Lower Upper

82 100

128 40.3 24.4 36.6#

54 49.8 41.4 62.0



#31

Naphthalene

Concen: 3.84 ng

RT: 11.03 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

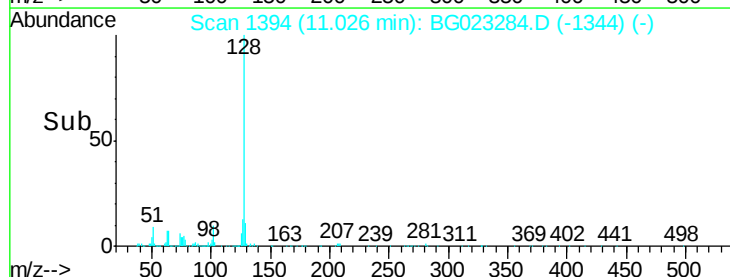
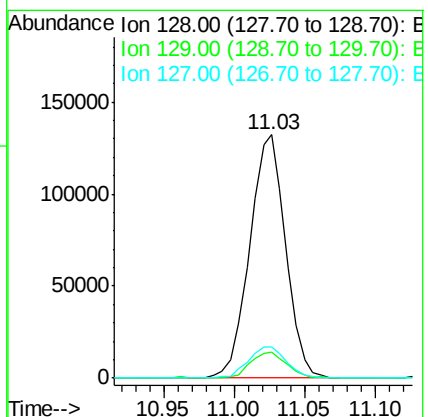
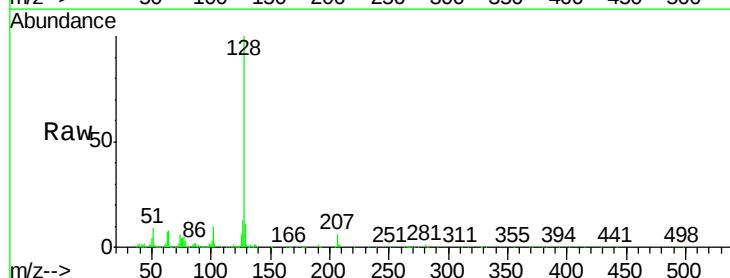
Tgt Ion: 128 Resp: 235559

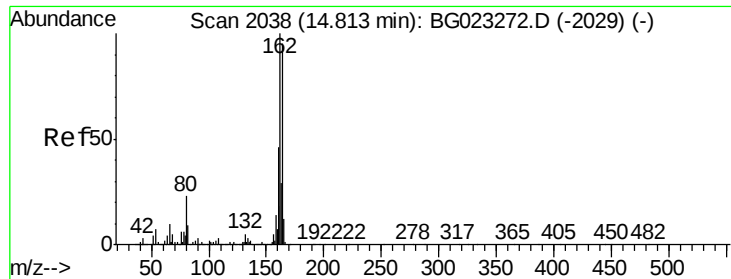
Ion Ratio Lower Upper

128 100

129 10.9 9.4 14.0

127 12.6 11.3 16.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

Instrument :

BNA_G

ClientSampleId :

D-32RE

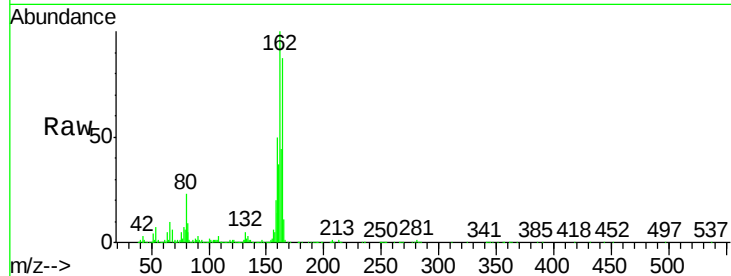
Tgt Ion:164 Resp: 524849

Ion Ratio Lower Upper

164 100

162 114.9 87.7 131.5

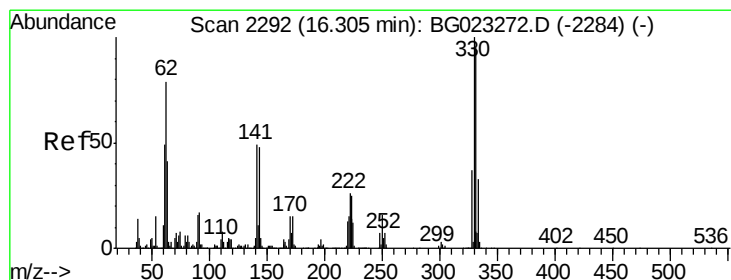
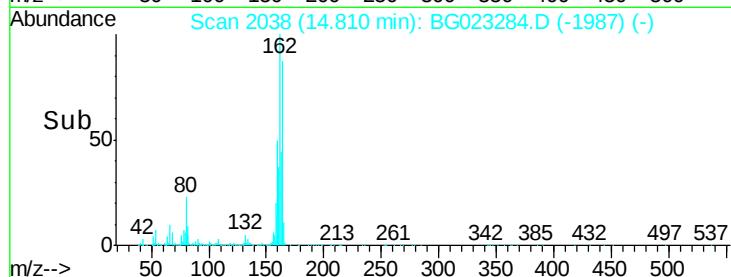
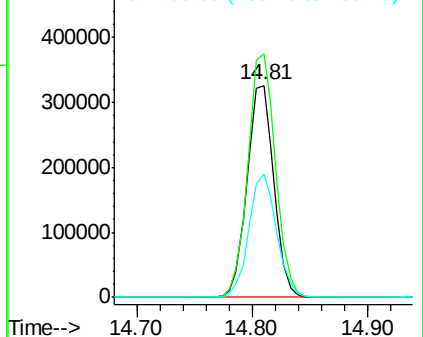
160 57.9 37.2 55.8#



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: 167.68 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

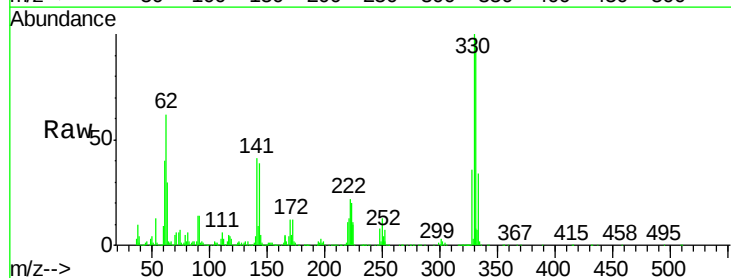
Tgt Ion:330 Resp: 910865

Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.2

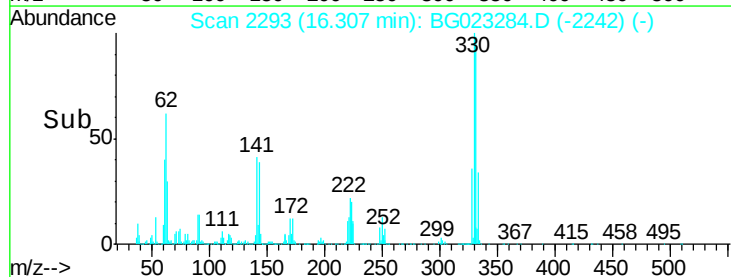
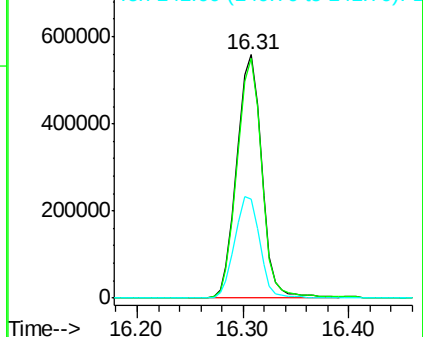
141 42.3 31.7 47.5

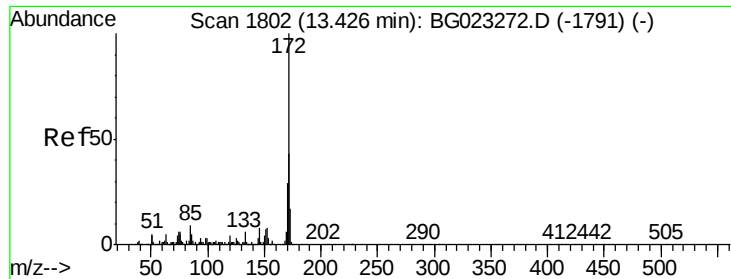


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

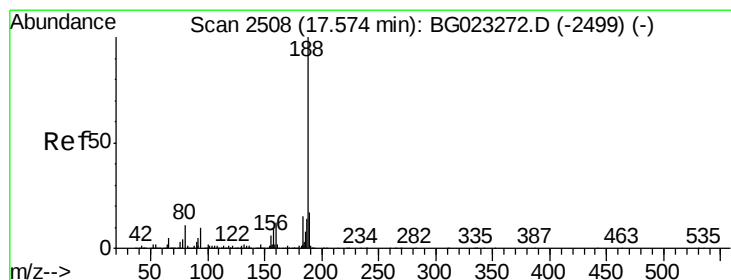
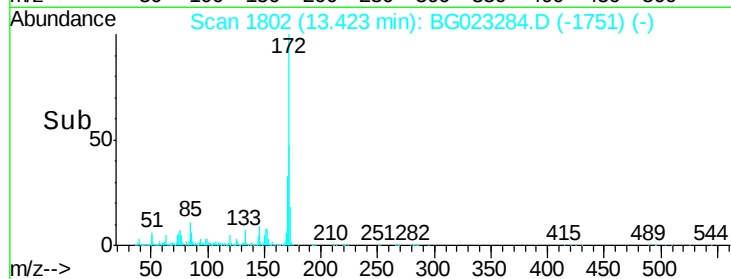
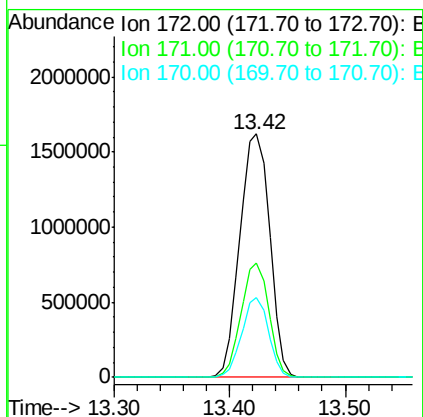
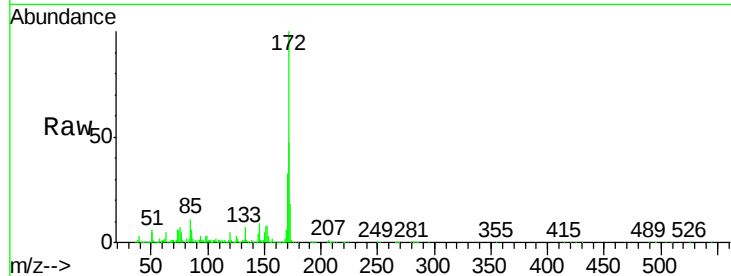




#44
2-Fluorobiphenyl
Concen: 104.12 ng
RT: 13.42 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG023284.D
Acq: 27 Jul 2016 15:42

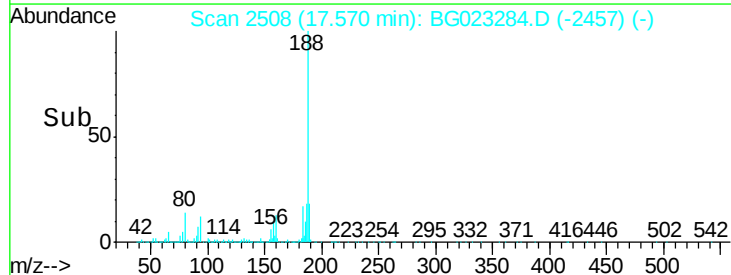
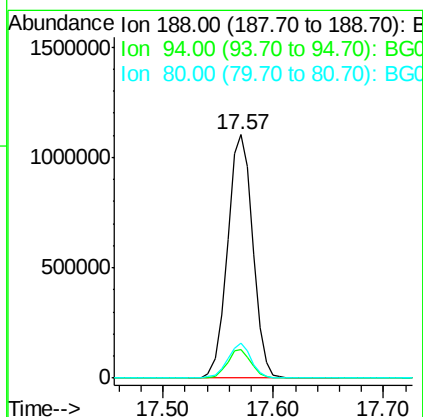
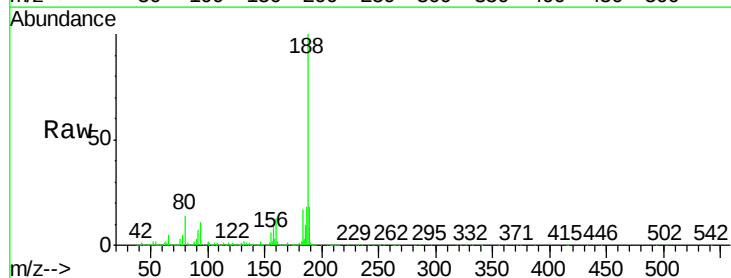
Instrument :
BNA_G
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D-32RE

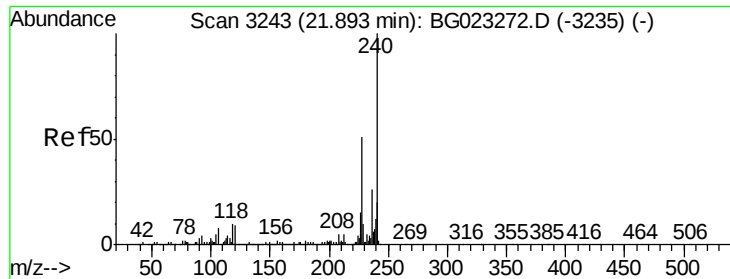
Tgt Ion:172 Resp: 2919848
Ion Ratio Lower Upper
172 100
171 47.2 31.6 47.4
170 32.9 21.3 31.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG023284.D
Acq: 27 Jul 2016 15:42

Tgt Ion:188 Resp: 1762494
Ion Ratio Lower Upper
188 100
94 11.5 5.2 7.8#
80 14.2 7.2 10.8#

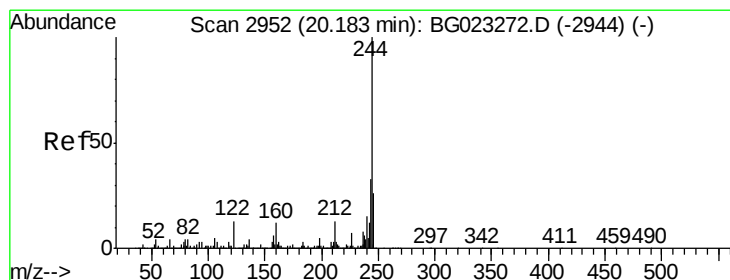
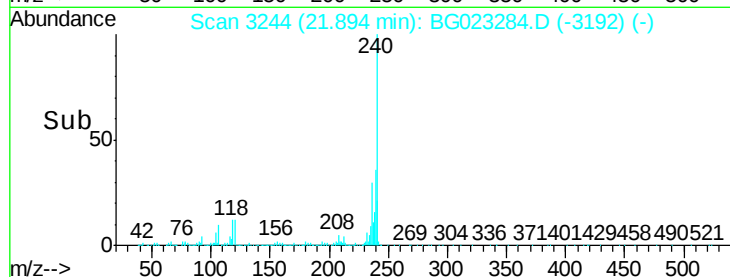
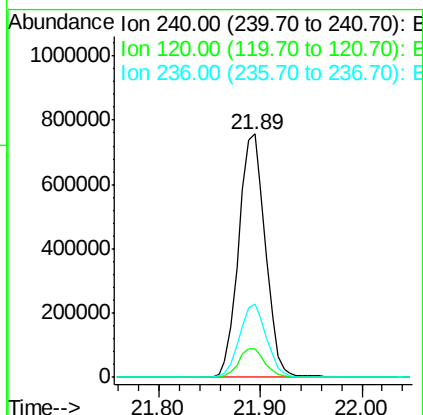
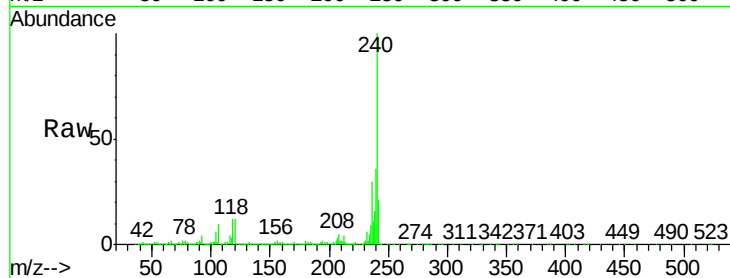




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3244
Delta R.T. 0.01 min
Lab File: BG023284.D
Acq: 27 Jul 2016 15:42

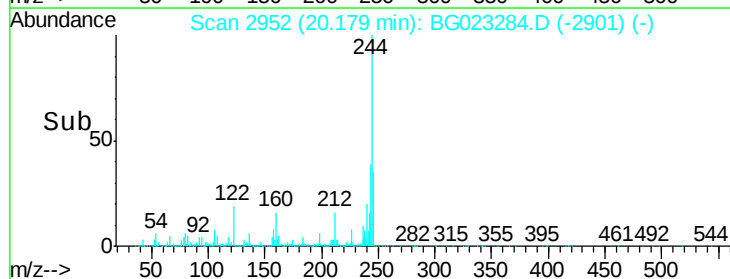
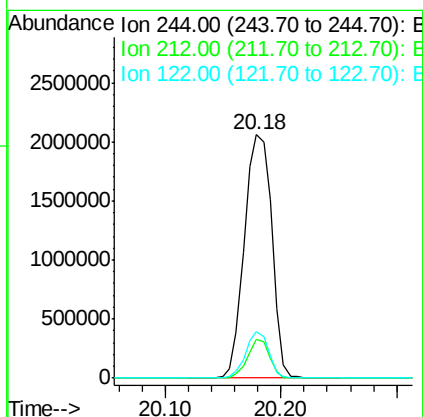
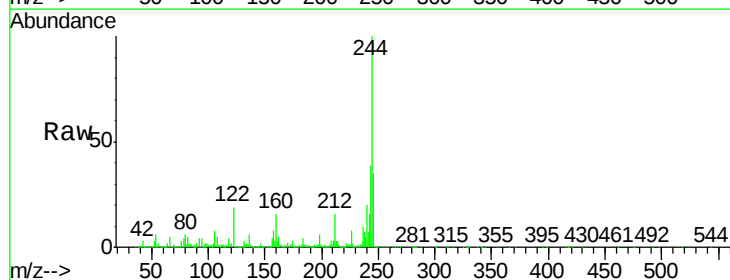
Instrument :
BNA_G
ClientSampleId :
D-32RE

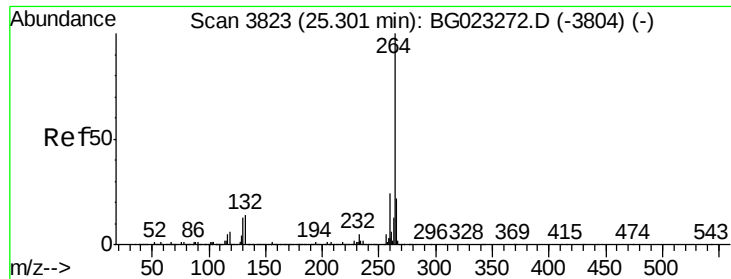
Tgt Ion:240 Resp: 1382889
Ion Ratio Lower Upper
240 100
120 11.8 4.1 6.1#
236 30.3 21.1 31.7



#78
Terphenyl-d14
Concen: 80.06 ng
RT: 20.18 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BG023284.D
Acq: 27 Jul 2016 15:42

Tgt Ion:244 Resp: 3405833
Ion Ratio Lower Upper
244 100
212 16.1 10.8 16.2
122 18.9 8.0 12.0#





#86
Perylene-d12
Concen: 20.00 ng m
RT: 25.31 min Scan# 3825
Delta R.T. 0.00 min
Lab File: BG023284.D
Acq: 27 Jul 2016 15:42

Instrument :
BNA_G
ClientSampleId :
D-32RE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	59.9	18.4	27.6#
265	13.2	18.9	28.3#

