

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
 Data File : BG023242.D
 Acq On : 23 Jul 2016 8:53
 Operator : UM/SJ
 Sample : H4133-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-32

Quant Time: Jul 25 01:28:21 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

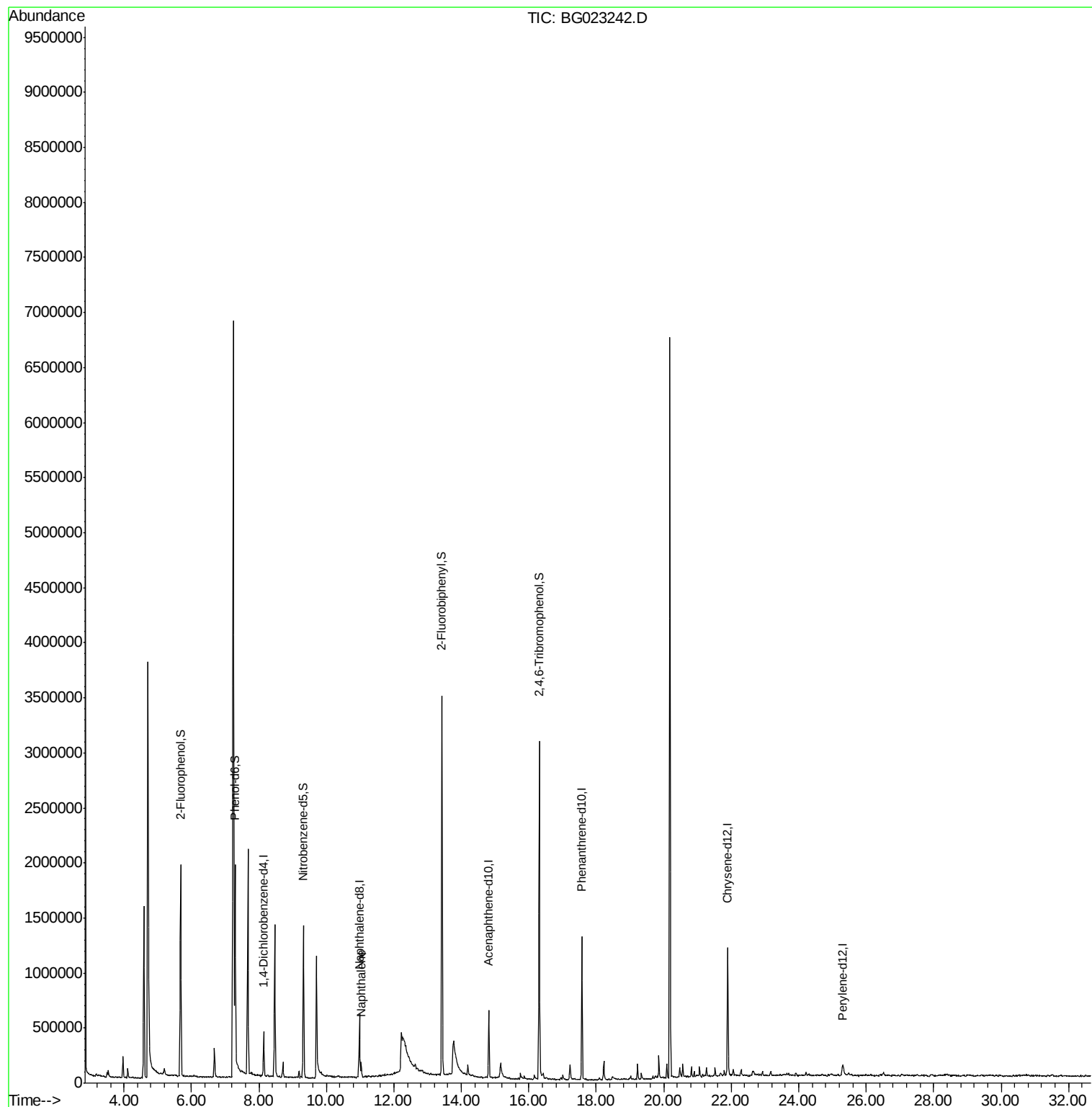
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	97879	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	444077	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	171508	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	739579	20.00	ng	0.01
75) Chrysene-d12	21.89	240	599957	20.00	ng	0.01
86) Perylene-d12	25.30	264	53273	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	740466	123.73	ng	0.00
7) Phenol-d6	7.29	99	828852	88.43	ng	0.00
23) Nitrobenzene-d5	9.32	82	890028	85.82	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	484581	157.21	ng	0.01
44) 2-Fluorobiphenyl	13.43	172	1621011	148.87	ng	0.01
78) Terphenyl-d14	20.18	244	2455268	-20.00	ng	0.02
Target Compounds						
31) Naphthalene	11.02	128	102918	4.55	ng	Qvalue 95

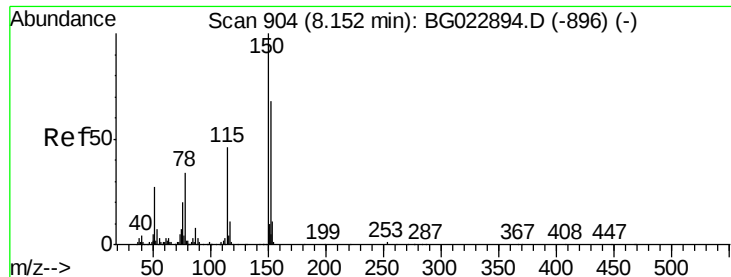
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023242.D

Acq: 23 Jul 2016 8:53

Instrument :

BNA_G

ClientSampleId :

D-32

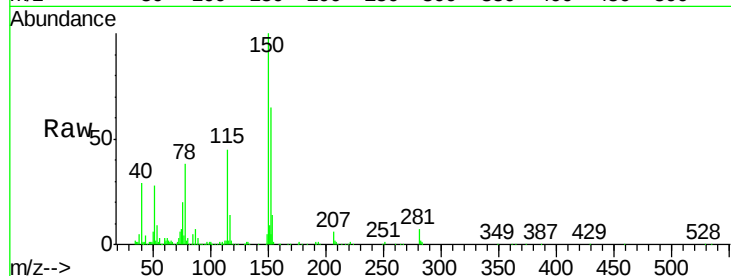
Tgt Ion:152 Resp: 97879

Ion Ratio Lower Upper

152 100

150 152.8 144.7 217.1

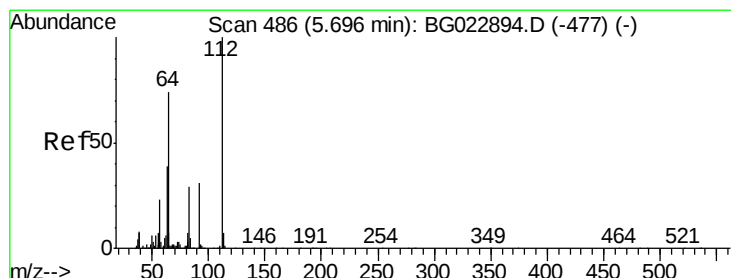
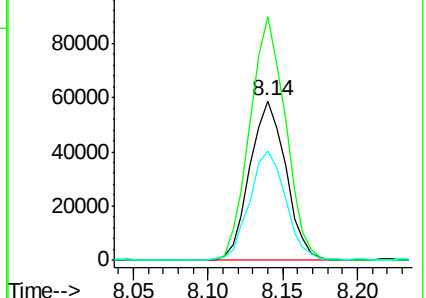
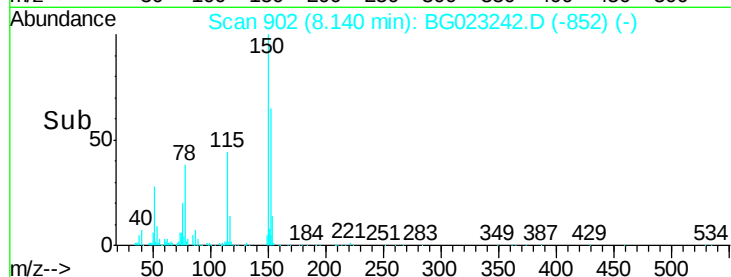
115 68.2 64.0 96.0



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: 123.73 ng

RT: 5.68 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023242.D

Acq: 23 Jul 2016 8:53

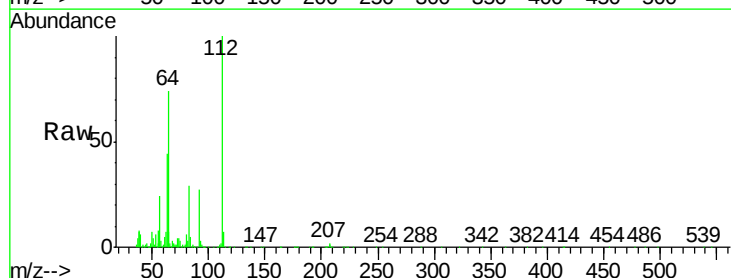
Tgt Ion:112 Resp: 740466

Ion Ratio Lower Upper

112 100

64 74.0 59.0 88.4

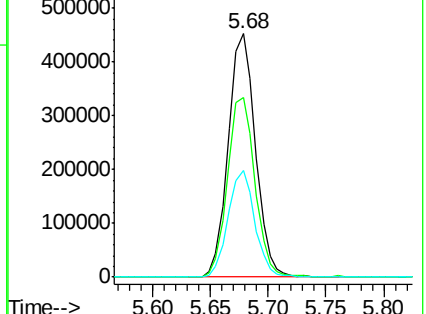
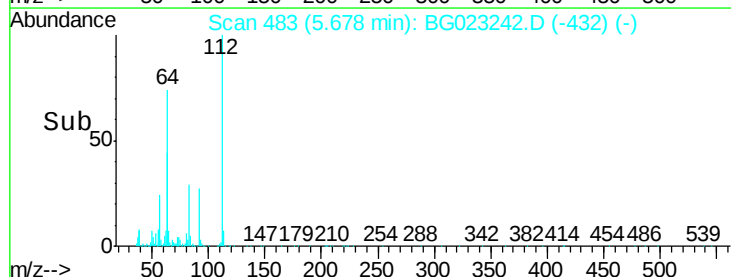
63 43.7 37.8 56.8

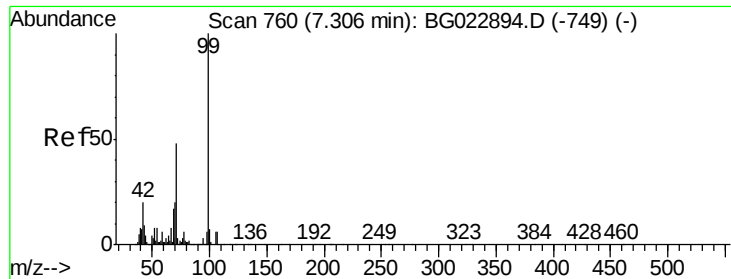


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 88.43 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG023242.D

Acq: 23 Jul 2016 8:53

Instrument :

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ClientSampleId :

D-32

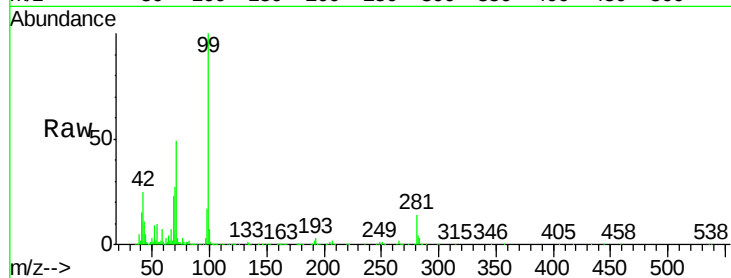
Tgt Ion: 99 Resp: 828852

Ion Ratio Lower Upper

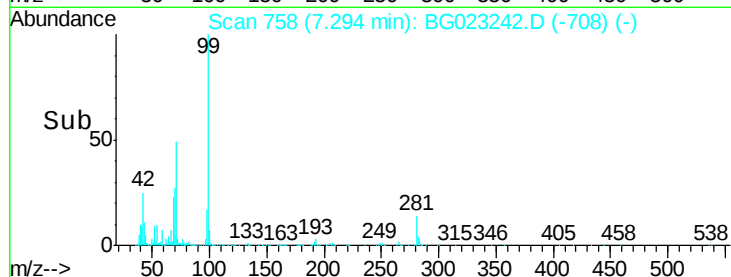
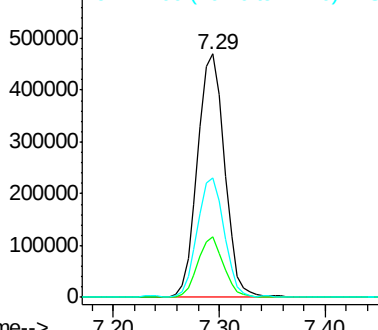
99 100

42 25.0 17.8 26.6

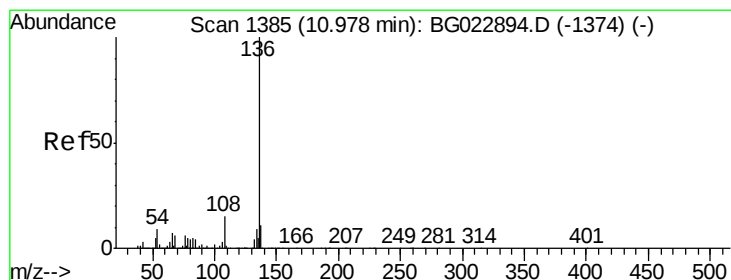
71 49.3 41.5 62.3



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BG023242.D

Acq: 23 Jul 2016 8:53

Tgt Ion: 136 Resp: 444077

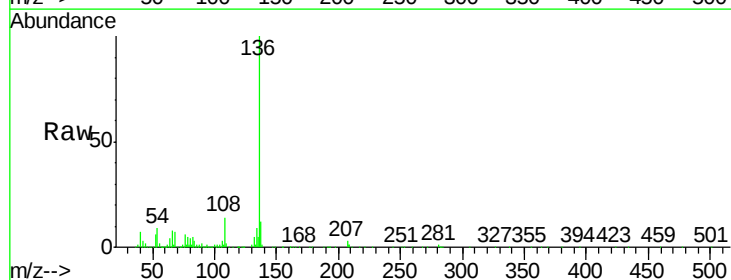
Ion Ratio Lower Upper

136 100

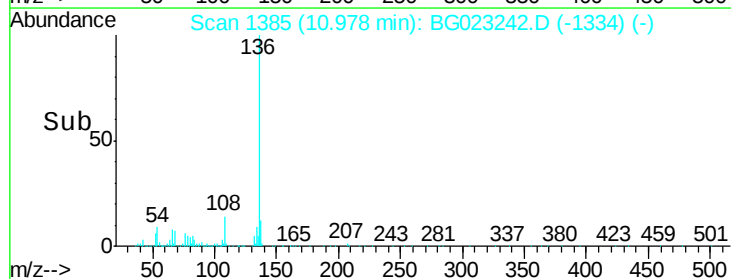
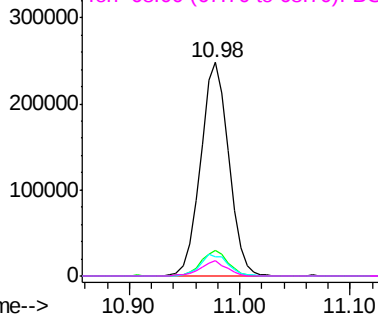
137 12.1 9.6 14.4

54 8.9 7.3 10.9

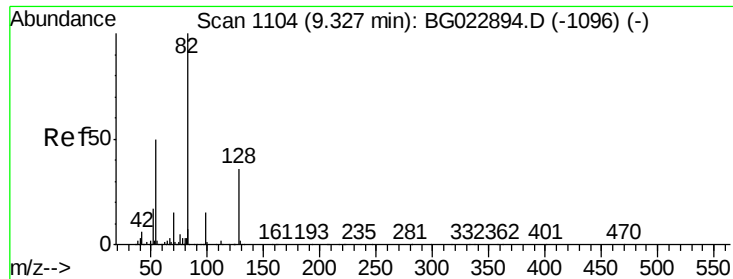
68 7.3 5.3 7.9



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



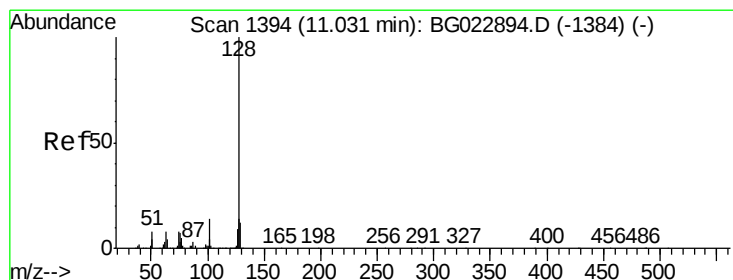
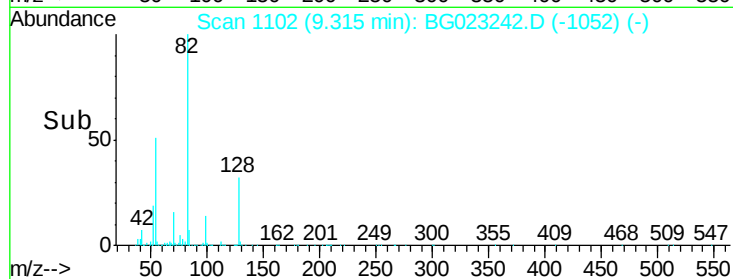
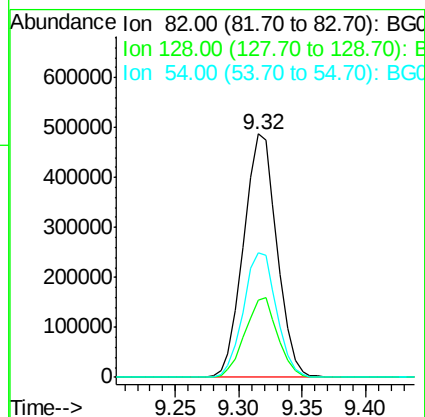
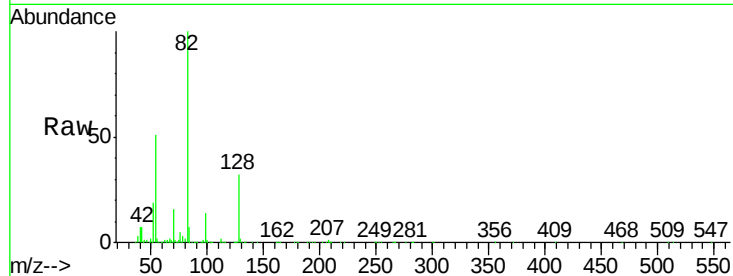
Time-->



#23
Nitrobenzene-d5
Concen: 85.82 ng
RT: 9.32 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BG023242.D
Acq: 23 Jul 2016 8:53

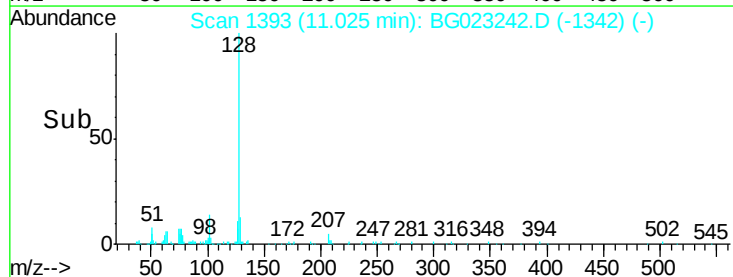
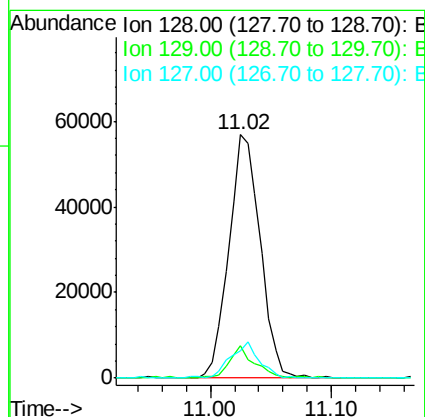
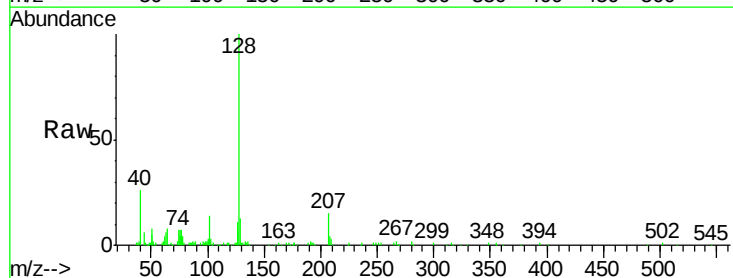
Instrument :
BNA_G
ClientSampleId :
D-32

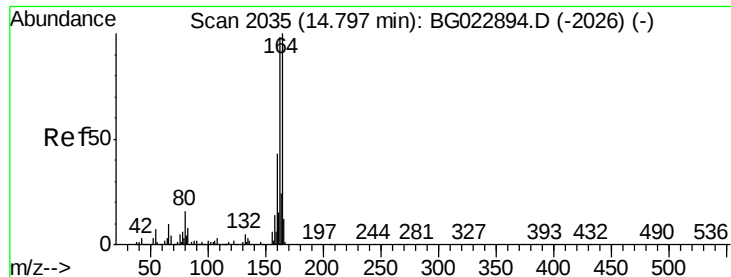
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.8	24.4	36.6
54	51.3	41.4	62.0



#31
Naphthalene
Concen: 4.55 ng
RT: 11.02 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BG023242.D
Acq: 23 Jul 2016 8:53

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.4	14.0
127	11.4	11.3	16.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BG023242.D

Acq: 23 Jul 2016 8:53

Instrument :

BNA_G

ClientSampleId :

D-32

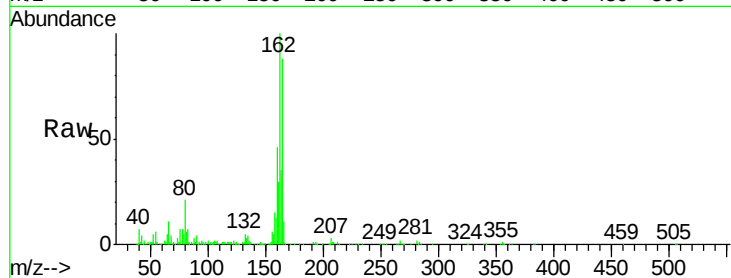
Tgt Ion:164 Resp: 171508

Ion Ratio Lower Upper

164 100

162 113.7 87.7 131.5

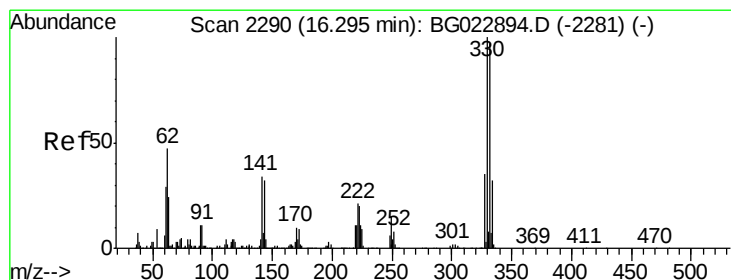
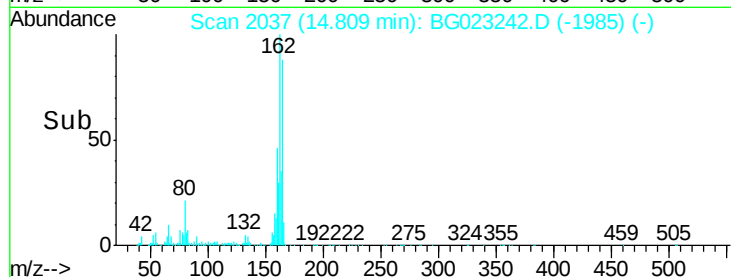
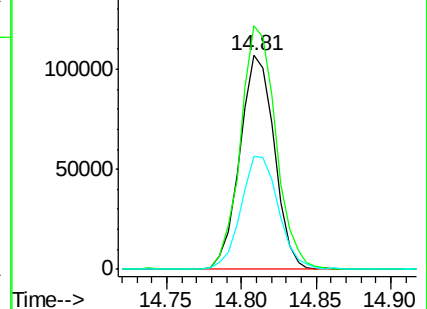
160 52.6 37.2 55.8



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: 157.21 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BG023242.D

Acq: 23 Jul 2016 8:53

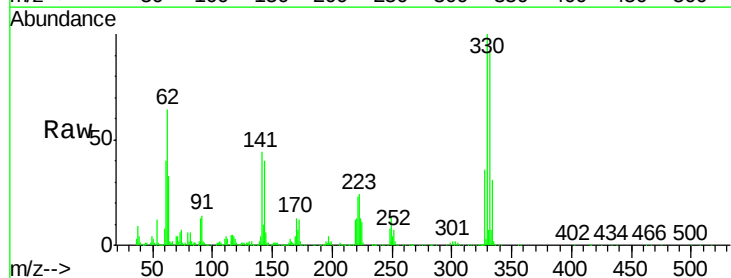
Tgt Ion:330 Resp: 484581

Ion Ratio Lower Upper

330 100

332 95.2 77.4 116.2

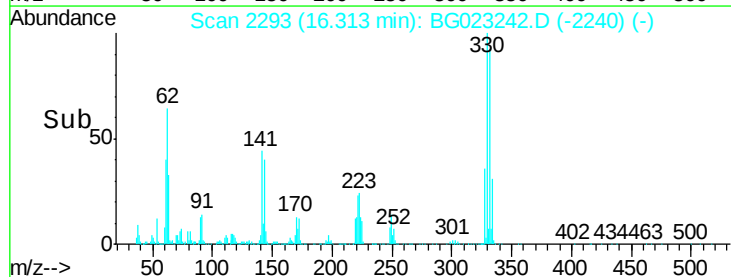
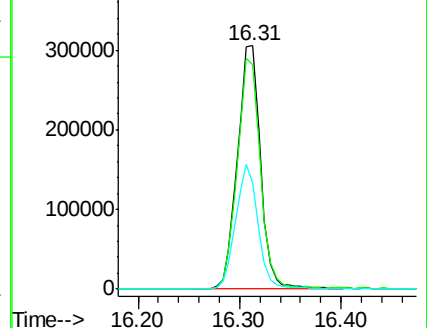
141 49.5 31.7 47.5#

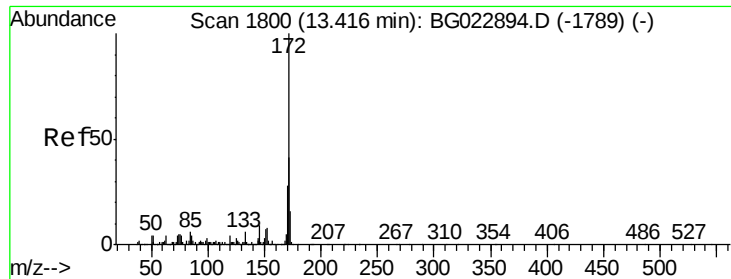


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

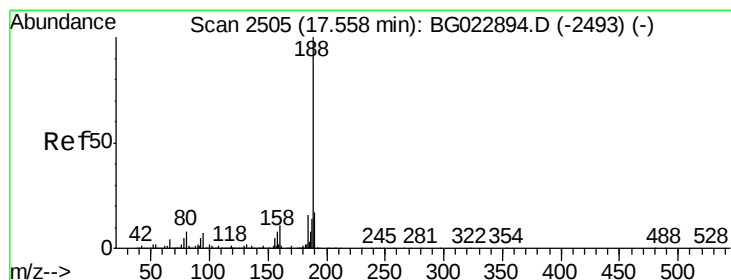
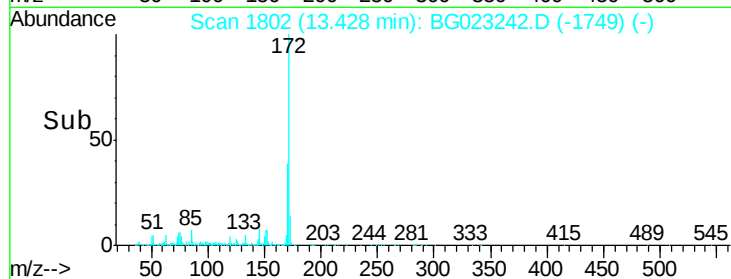
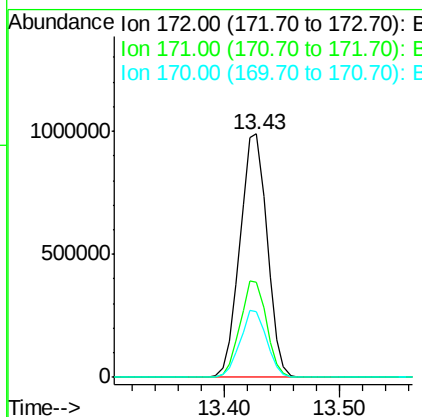
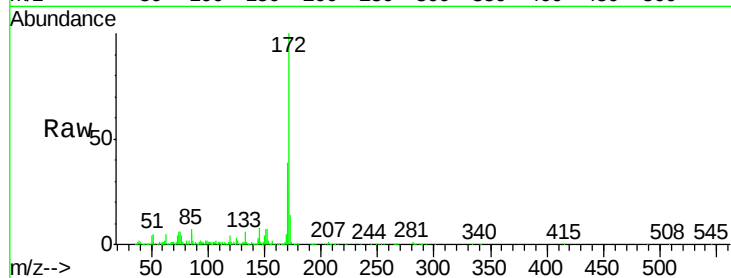




#44
 2-Fluorobiphenyl
 Concen: 148.87 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BG023242.D
 Acq: 23 Jul 2016 8:53

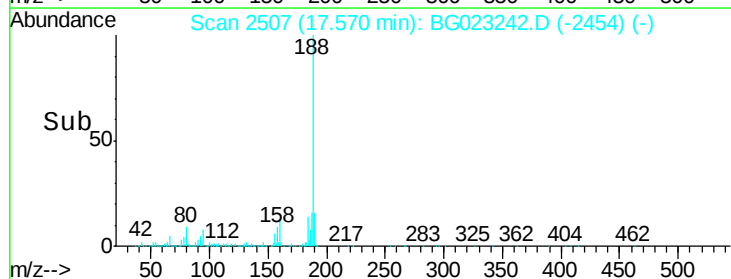
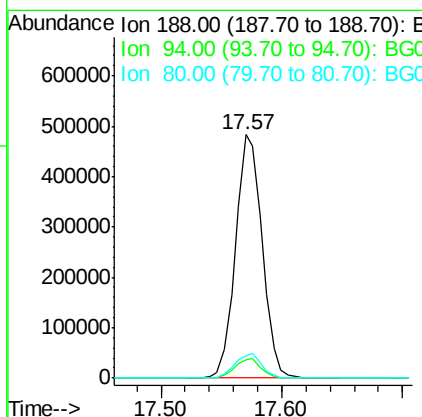
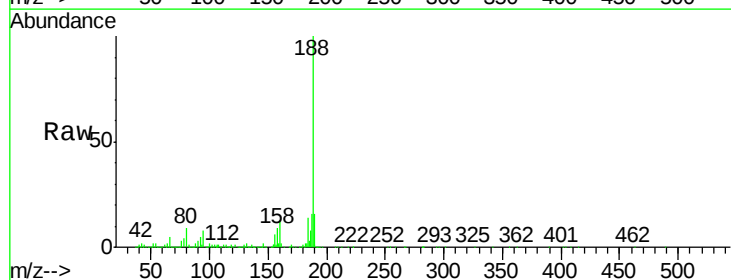
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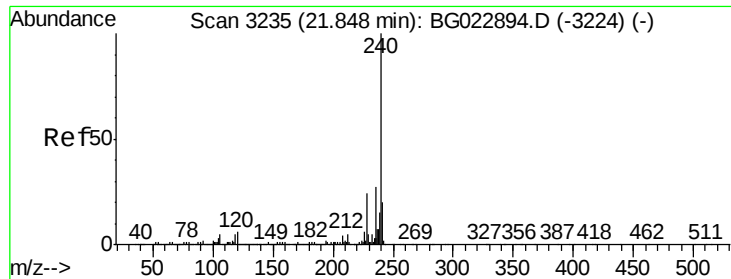
Tgt Ion:172 Resp: 1621011
 Ion Ratio Lower Upper
 172 100
 171 39.2 31.6 47.4
 170 26.9 21.3 31.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 2507
 Delta R.T. 0.01 min
 Lab File: BG023242.D
 Acq: 23 Jul 2016 8:53

Tgt Ion:188 Resp: 739579
 Ion Ratio Lower Upper
 188 100
 94 7.7 5.2 7.8
 80 9.2 7.2 10.8

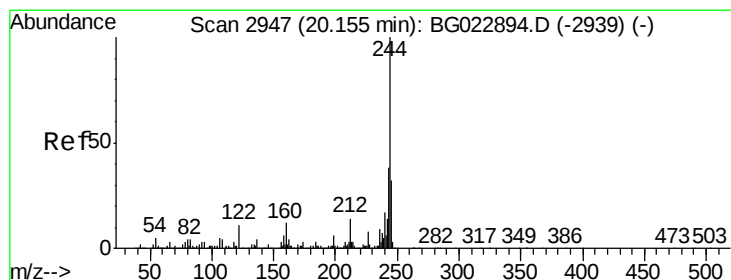
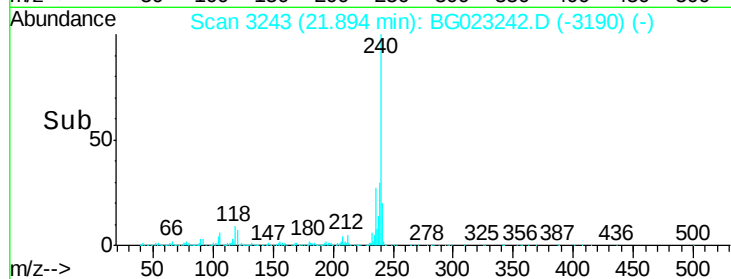
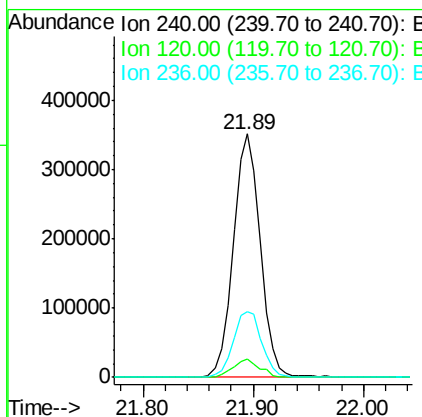
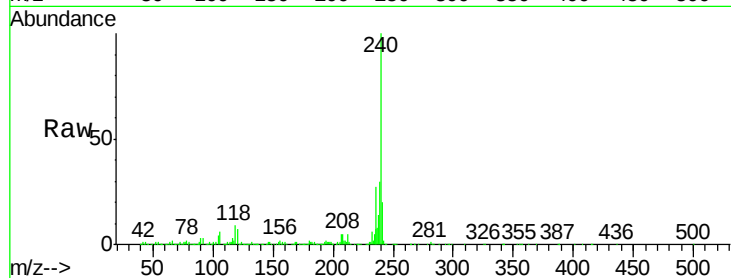




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.89 min Scan# 3243
 Delta R.T. 0.01 min
 Lab File: BG023242.D
 Acq: 23 Jul 2016 8:53

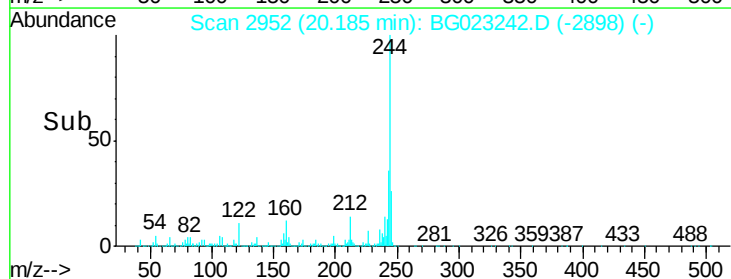
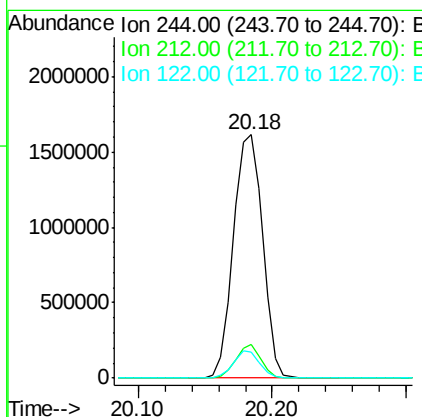
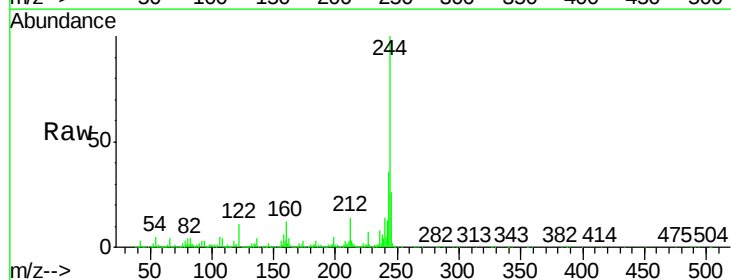
Instrument :
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 ClientSampleId :
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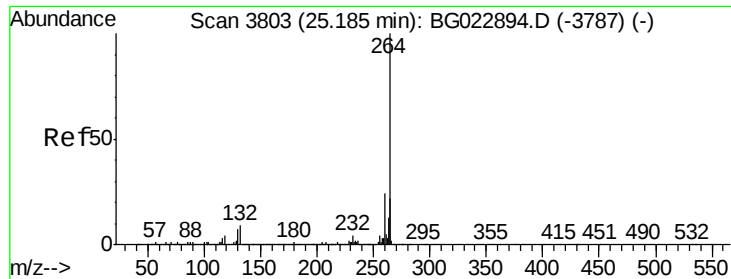
Tgt Ion:240 Resp: 599957
 Ion Ratio Lower Upper
 240 100
 120 7.3 4.1 6.1#
 236 26.8 21.1 31.7



#78
 Terphenyl-d14
 Concen: -20.00 ng
 RT: 20.18 min Scan# 2952
 Delta R.T. 0.02 min
 Lab File: BG023242.D
 Acq: 23 Jul 2016 8:53

Tgt Ion:244 Resp: 2455268
 Ion Ratio Lower Upper
 244 100
 212 13.8 10.8 16.2
 122 10.9 8.0 12.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.30 min Scan# 3823

Delta R.T. 0.03 min

Lab File: BG023242.D

Acq: 23 Jul 2016 8:53

Instrument :

BNA_G

ClientSampleId :

D-32

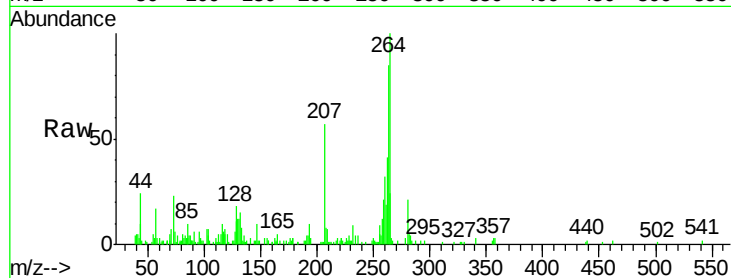
Tgt Ion: 264 Resp: 53273

Ion Ratio Lower Upper

264 100

260 32.4 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

