

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
 Data File : BG023241.D
 Acq On : 23 Jul 2016 8:13
 Operator : UM/SJ
 Sample : H4133-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-28

Quant Time: Jul 25 01:28:07 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

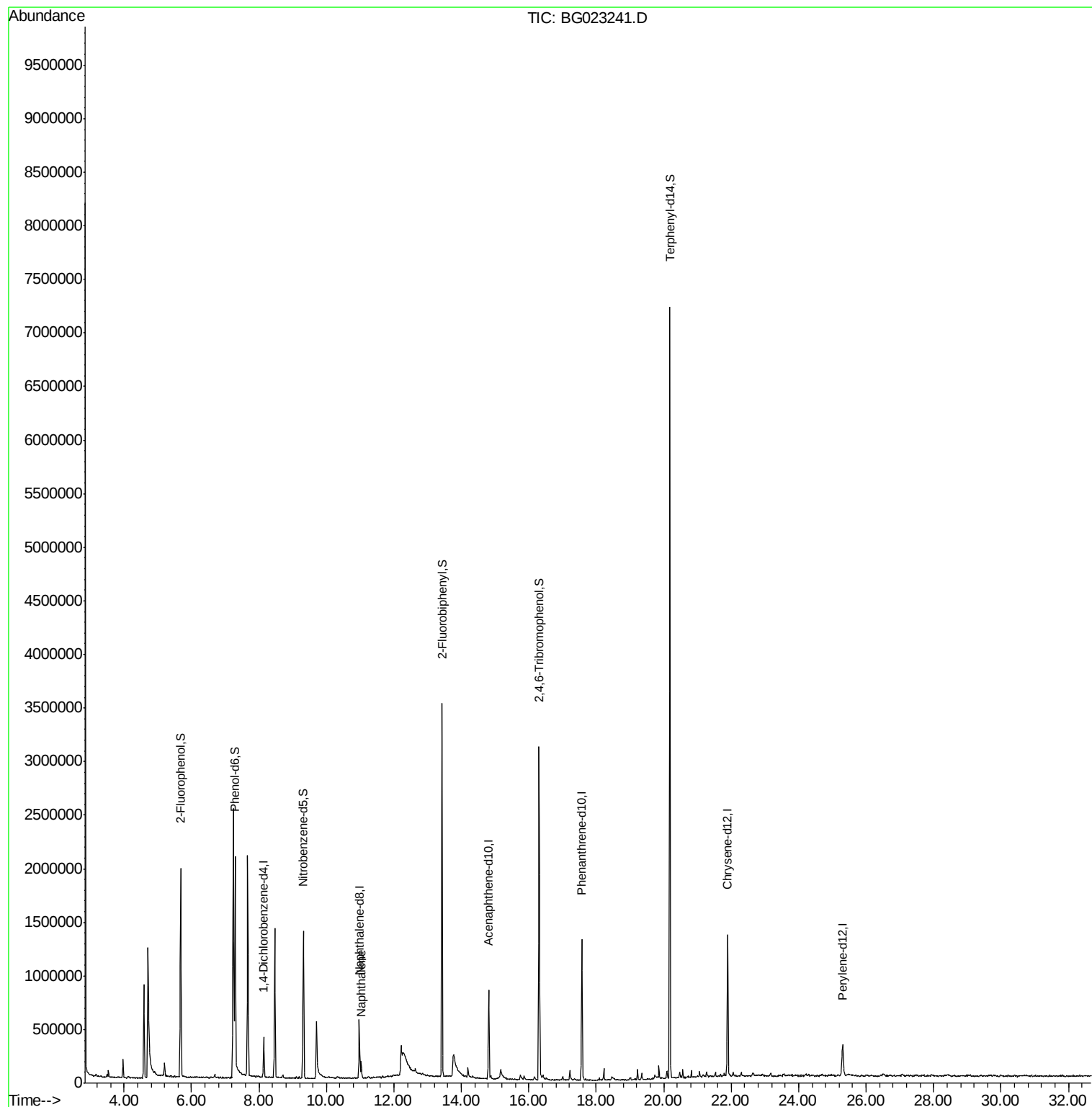
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	95390	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	429065	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	270399	20.00	ng	0.01
63) Phenanthrene-d10	17.57	188	784040	20.00	ng	0.02
75) Chrysene-d12	21.89	240	775198	20.00	ng	0.01
86) Perylene-d12	25.29	264	264520	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	737625	126.47	ng	0.00
7) Phenol-d6	7.29	99	980196	107.30	ng	0.00
23) Nitrobenzene-d5	9.32	82	885689	88.39	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	508370	104.61	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	1636309	95.32	ng	0.01
78) Terphenyl-d14	20.18	244	2550811	125.57	ng	0.02
Target Compounds						
31) Naphthalene	11.03	128	120135	5.50	ng	Qvalue 96

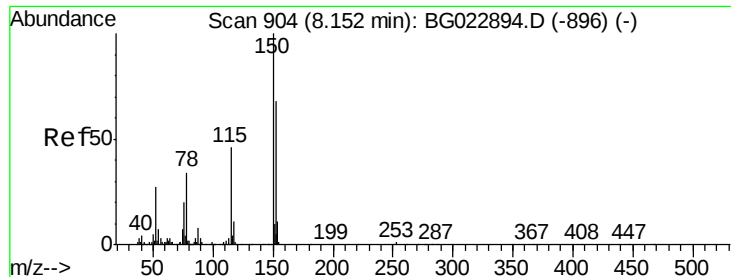
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG023241.D

Acq: 23 Jul 2016 8:13

Instrument :

BNA_G

ClientSampleId :

D-28

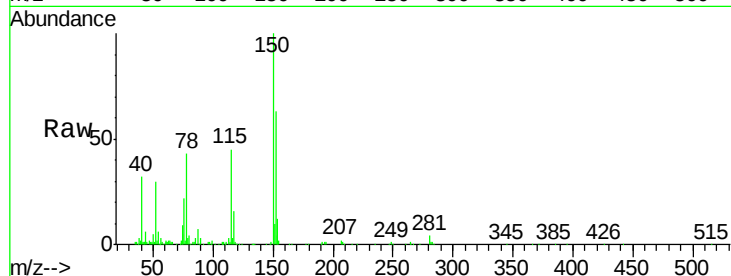
Tgt Ion:152 Resp: 95390

Ion Ratio Lower Upper

152 100

150 157.9 144.7 217.1

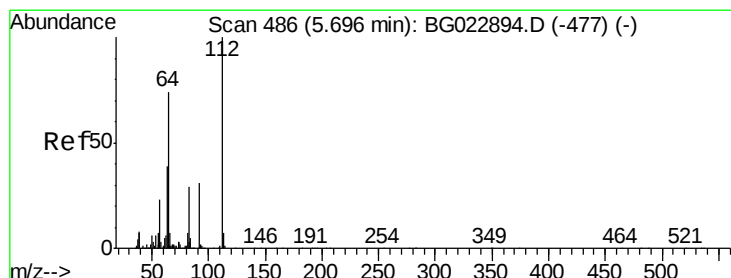
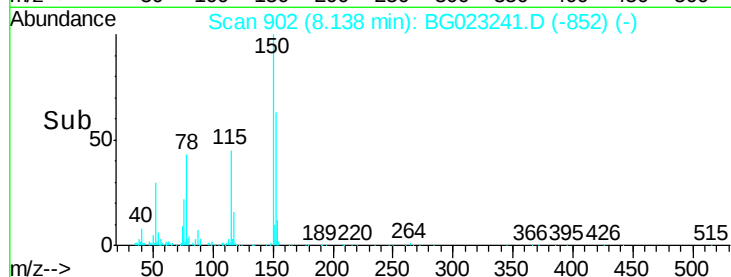
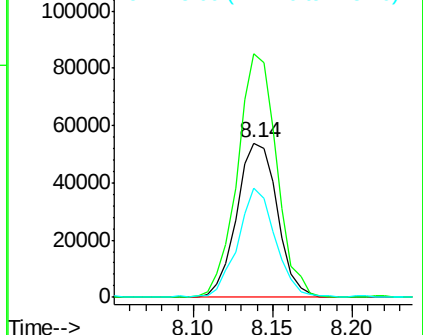
115 70.9 64.0 96.0



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: 126.47 ng

RT: 5.68 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023241.D

Acq: 23 Jul 2016 8:13

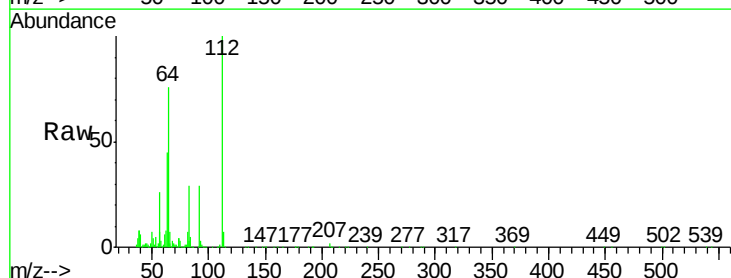
Tgt Ion:112 Resp: 737625

Ion Ratio Lower Upper

112 100

64 75.7 59.0 88.4

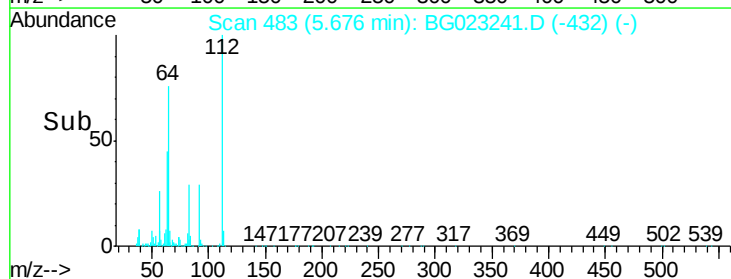
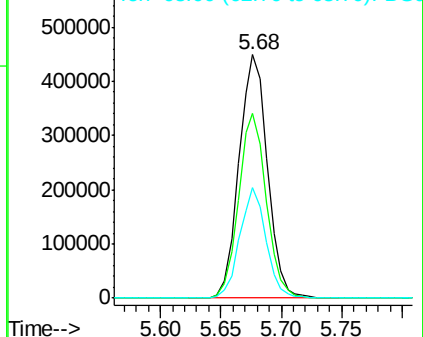
63 45.2 37.8 56.8

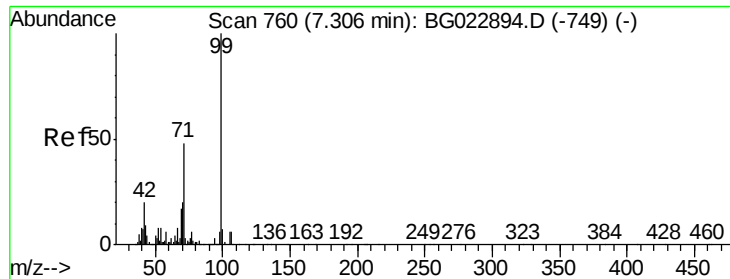


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 107.30 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG023241.D

Acq: 23 Jul 2016 8:13

Instrument :

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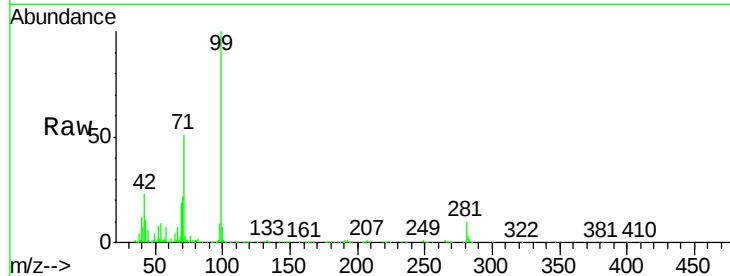
Tgt Ion: 99 Resp: 980196

Ion Ratio Lower Upper

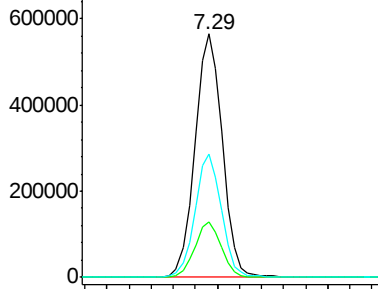
99 100

42 22.8 17.8 26.6

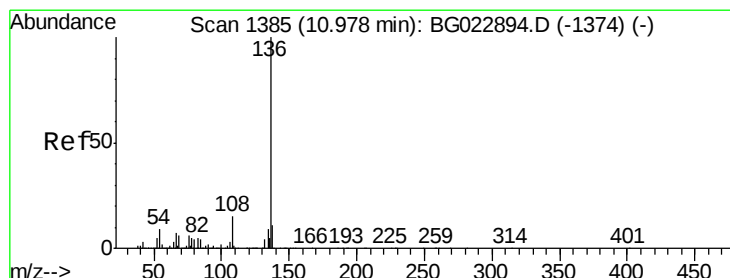
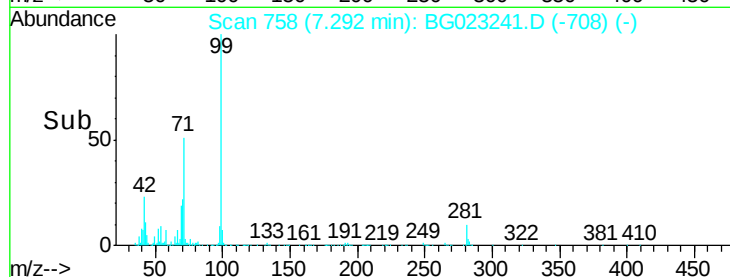
71 50.5 41.5 62.3



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: BG023241.D

Acq: 23 Jul 2016 8:13

Tgt Ion: 136 Resp: 429065

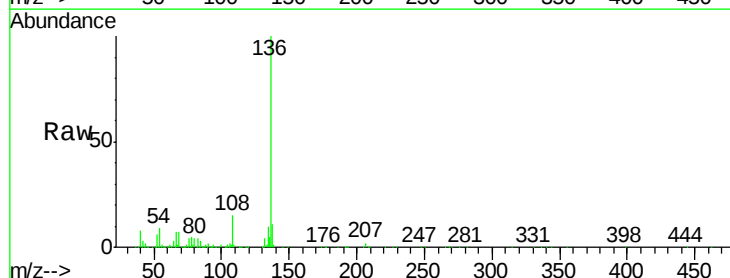
Ion Ratio Lower Upper

136 100

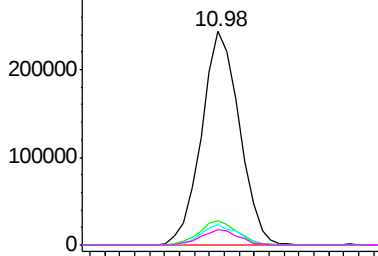
137 11.2 9.6 14.4

54 9.4 7.3 10.9

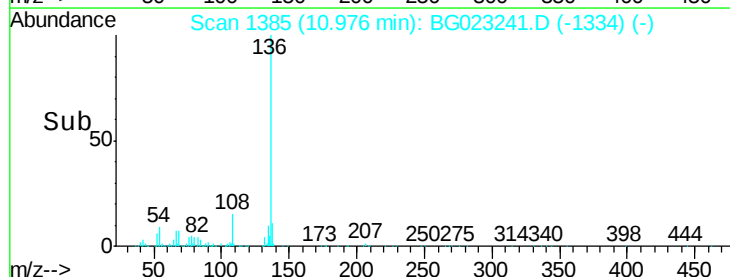
68 7.3 5.3 7.9

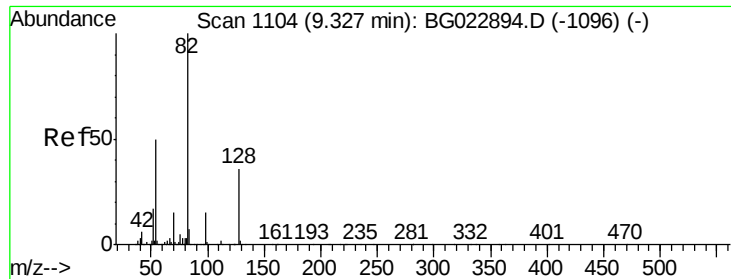


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

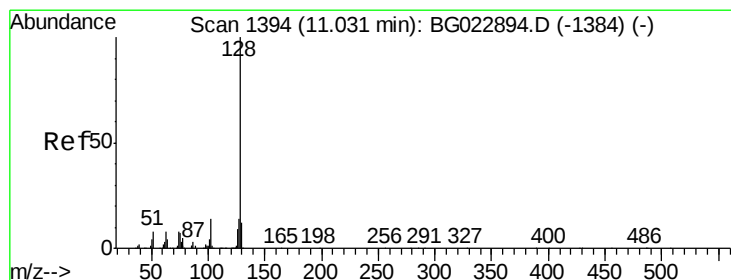
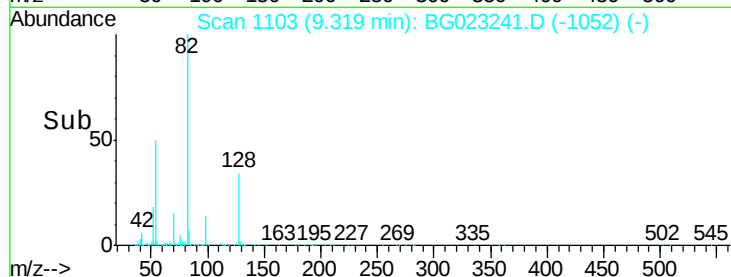
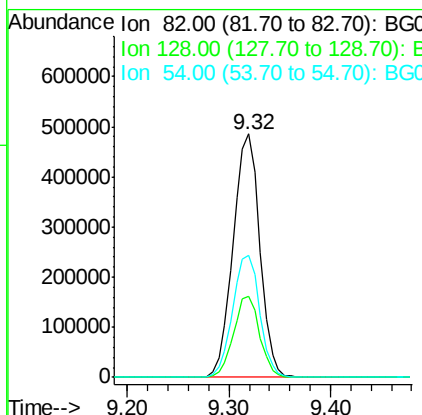
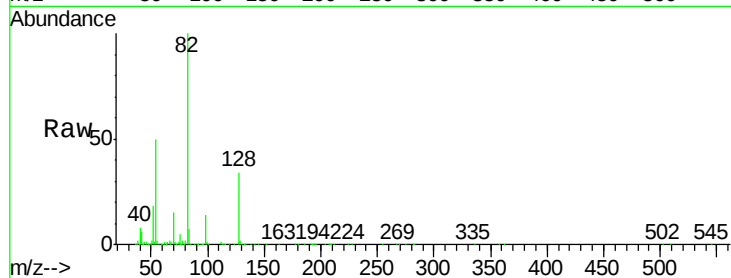




#23
Nitrobenzene-d5
Concen: 88.39 ng
RT: 9.32 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BG023241.D
Acq: 23 Jul 2016 8:13

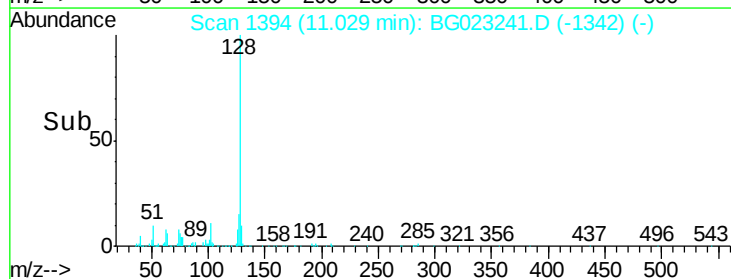
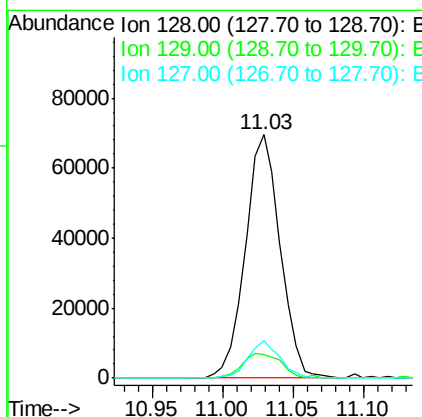
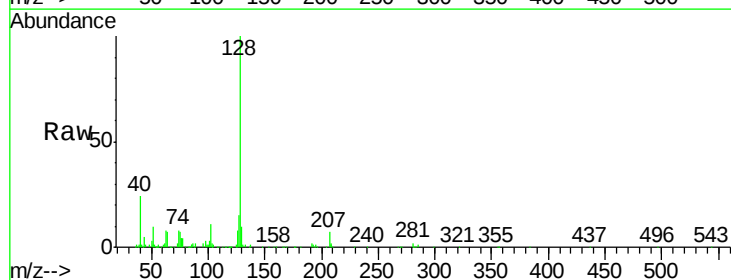
Instrument :
BNA_G
ClientSampleId :
D-28

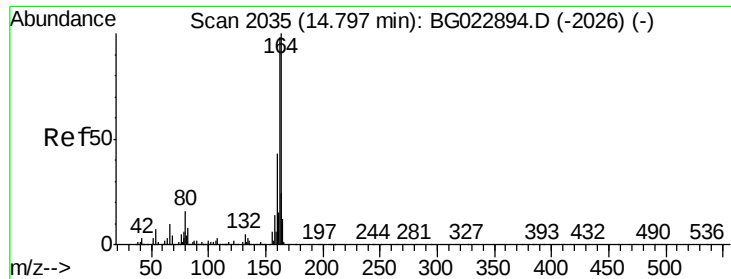
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.5	24.4	36.6
54	50.2	41.4	62.0



#31
Naphthalene
Concen: 5.50 ng
RT: 11.03 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BG023241.D
Acq: 23 Jul 2016 8:13

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.6	9.4	14.0
127	15.4	11.3	16.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2038

Delta R.T. 0.01 min

Lab File: BG023241.D

Acq: 23 Jul 2016 8:13

Instrument :

BNA_G

ClientSampleId :

D-28

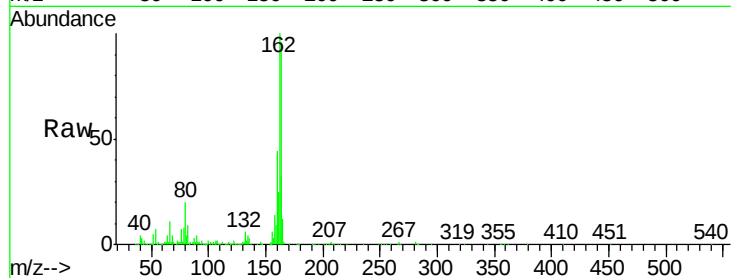
Tgt Ion:164 Resp: 270399

Ion Ratio Lower Upper

164 100

162 104.2 87.7 131.5

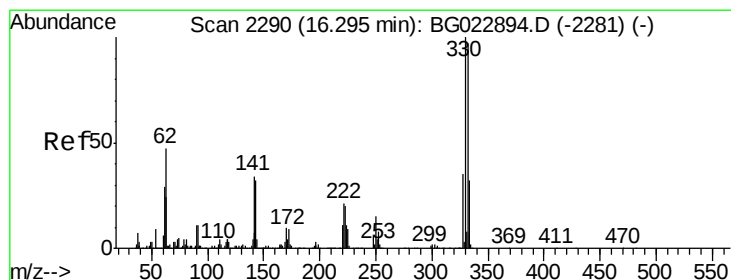
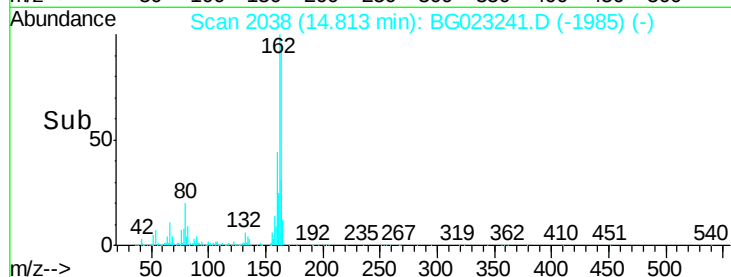
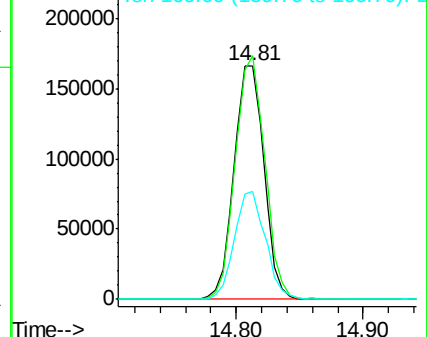
160 46.0 37.2 55.8



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: 104.61 ng

RT: 16.31 min Scan# 2292

Delta R.T. 0.01 min

Lab File: BG023241.D

Acq: 23 Jul 2016 8:13

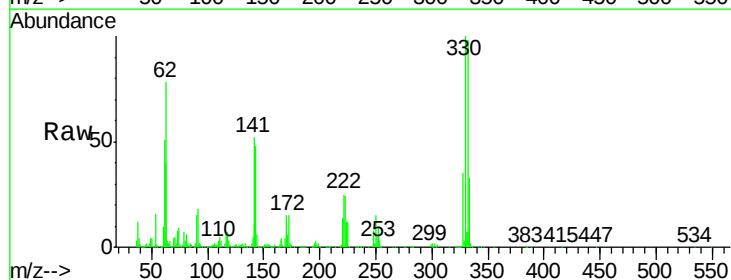
Tgt Ion:330 Resp: 508370

Ion Ratio Lower Upper

330 100

332 94.9 77.4 116.2

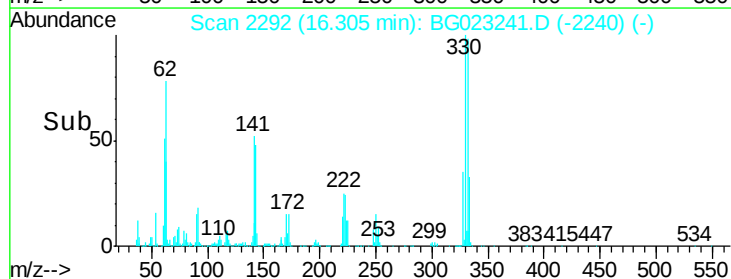
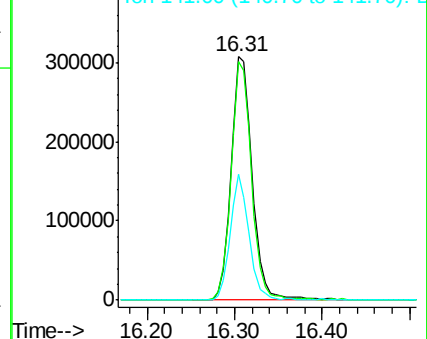
141 46.3 31.7 47.5

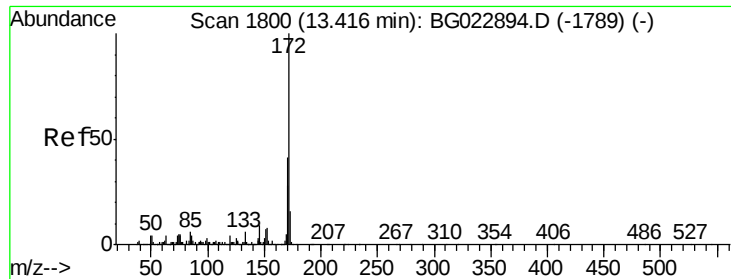


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

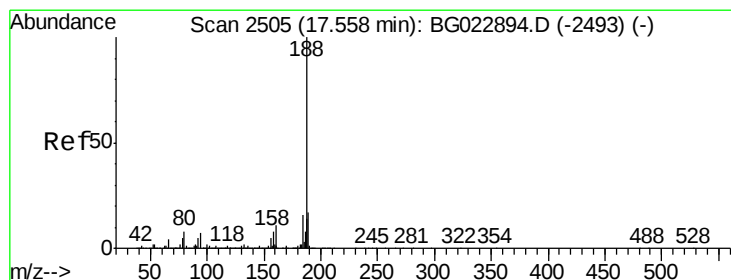
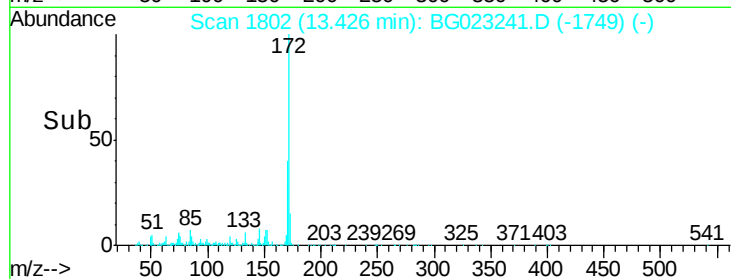
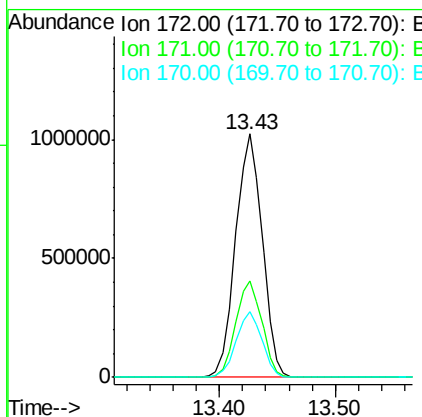
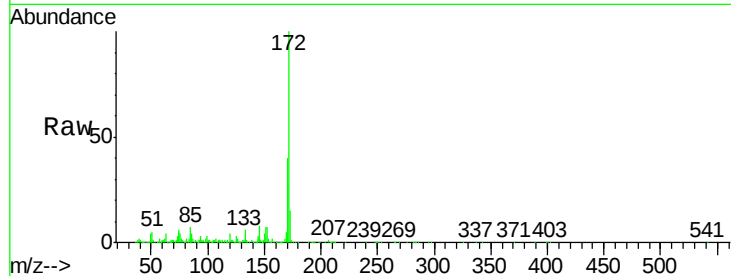




#44
2-Fluorobiphenyl
Concen: 95.32 ng
RT: 13.43 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BG023241.D
Acq: 23 Jul 2016 8:13

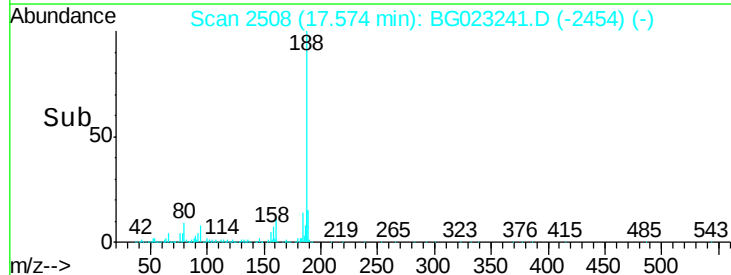
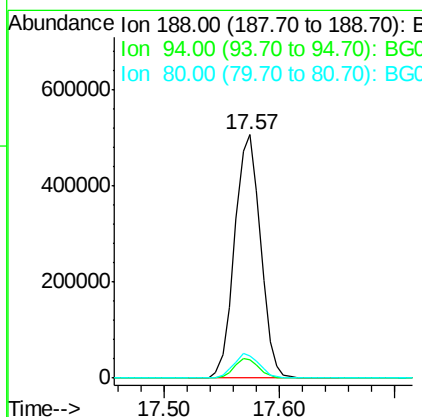
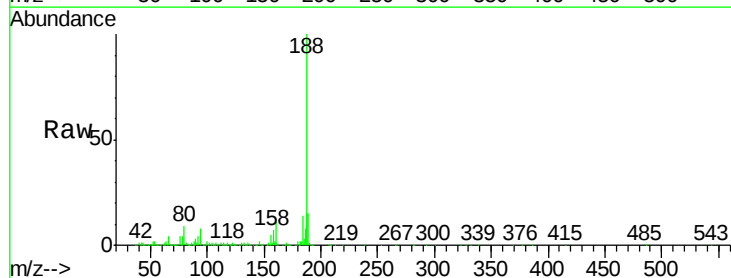
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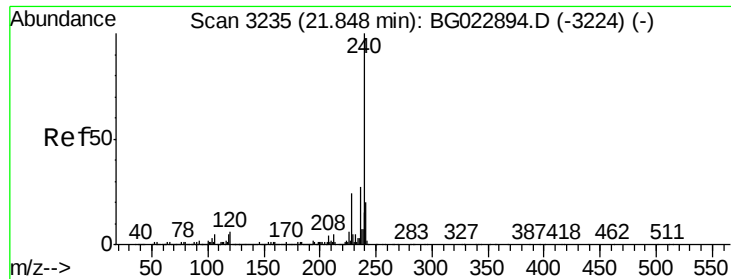
Tgt Ion:172 Resp: 1636309
Ion Ratio Lower Upper
172 100
171 39.6 31.6 47.4
170 27.1 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.02 min
Lab File: BG023241.D
Acq: 23 Jul 2016 8:13

Tgt Ion:188 Resp: 784040
Ion Ratio Lower Upper
188 100
94 7.7 5.2 7.8
80 9.2 7.2 10.8

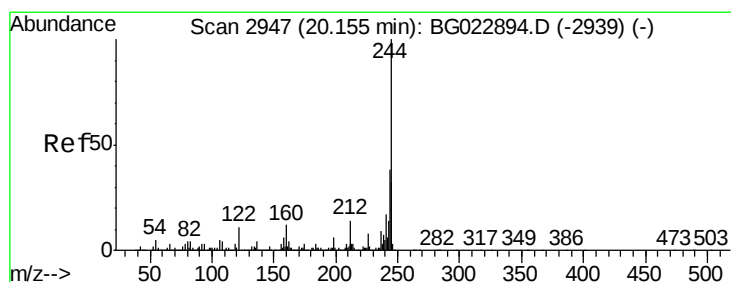
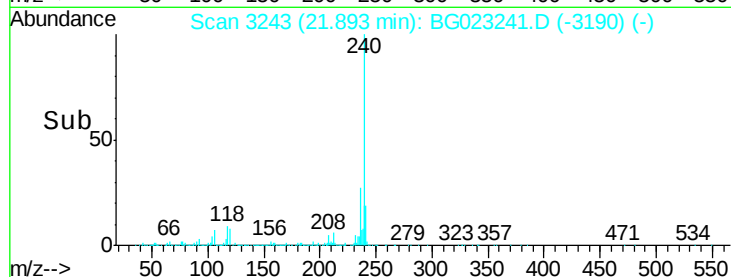
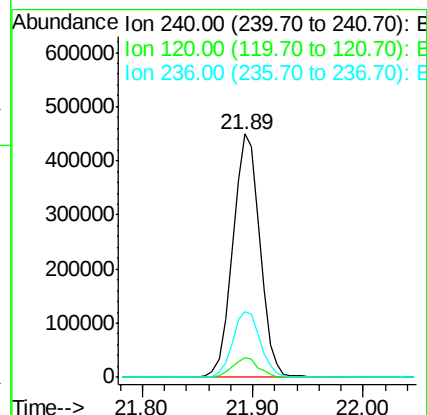
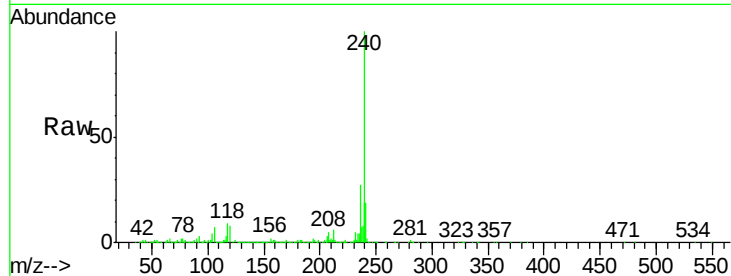




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.01 min
Lab File: BG023241.D
Acq: 23 Jul 2016 8:13

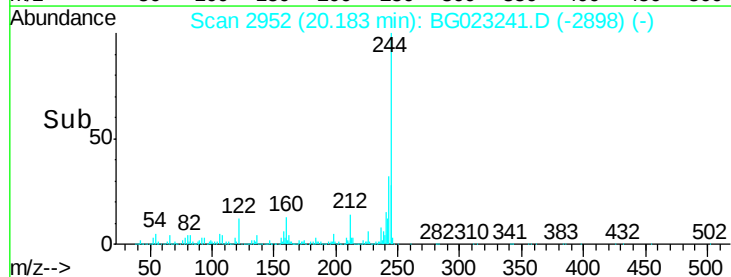
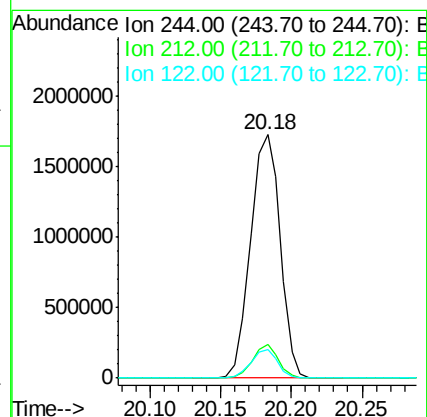
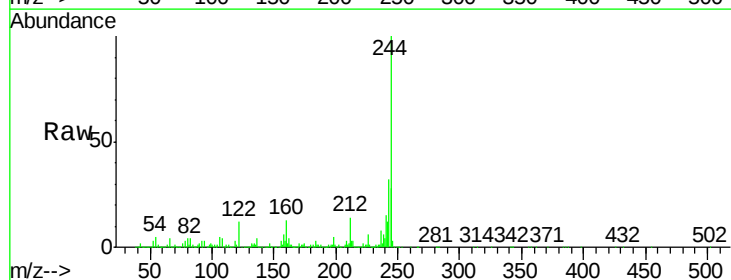
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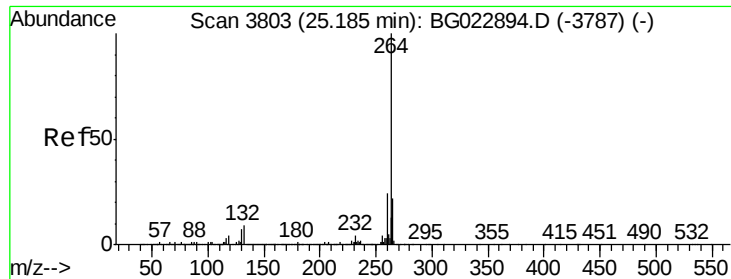
Tgt Ion:240 Resp: 775198
Ion Ratio Lower Upper
240 100
120 7.9 4.1 6.1#
236 27.1 21.1 31.7



#78
Terphenyl-d14
Concen: 125.57 ng
RT: 20.18 min Scan# 2952
Delta R.T. 0.02 min
Lab File: BG023241.D
Acq: 23 Jul 2016 8:13

Tgt Ion:244 Resp: 2550811
Ion Ratio Lower Upper
244 100
212 14.0 10.8 16.2
122 11.8 8.0 12.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.29 min Scan# 3822

Delta R.T. 0.02 min

Lab File: BG023241.D

Acq: 23 Jul 2016 8:13

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion: 264 Resp: 264520

Ion Ratio Lower Upper

264 100

260 20.0 18.4 27.6

265 21.3 18.9 28.3

