

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
 Data File : BG023243.D
 Acq On : 23 Jul 2016 9:34
 Operator : UM/SJ
 Sample : H4133-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-36

Quant Time: Jul 25 01:28:36 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

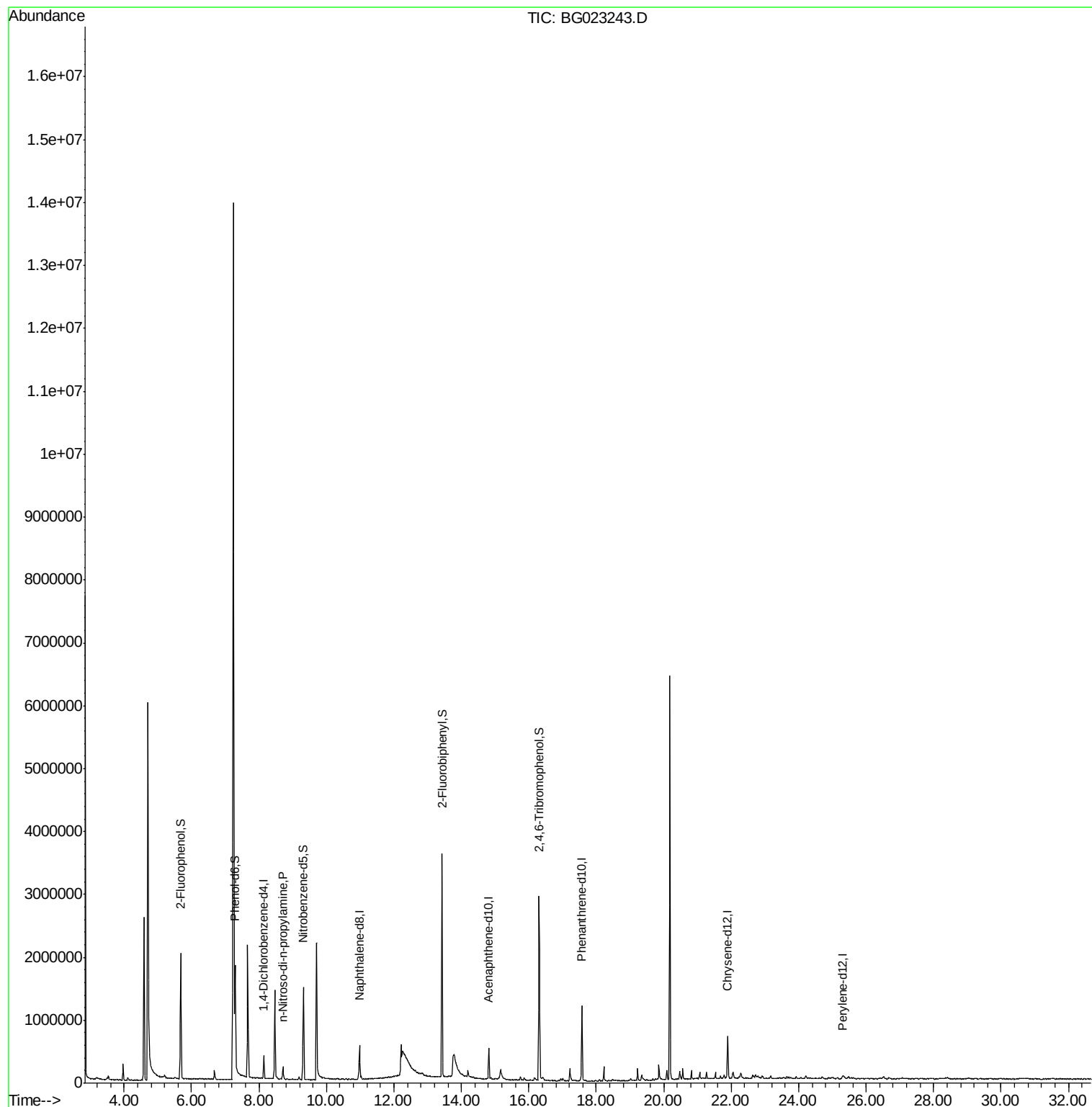
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	96105	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	435398	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	121548	20.00	ng	0.01
63) Phenanthrene-d10	17.57	188	644663	20.00	ng	0.02
75) Chrysene-d12	21.89	240	323634	20.00	ng	0.01
86) Perylene-d12	25.31	264	13218	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	757946	128.99	ng	0.00
7) Phenol-d6	7.30	99	679451	73.83	ng	0.00
23) Nitrobenzene-d5	9.32	82	924047	90.88	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	486504	222.71	ng	0.01
44) 2-Fluorobiphenyl	13.43	172	1619057	209.81	ng	0.01
78) Terphenyl-d14	20.18	244	2096483	-20.00	ng	0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.71	70	21202	2.56	ng	Qvalue # 56

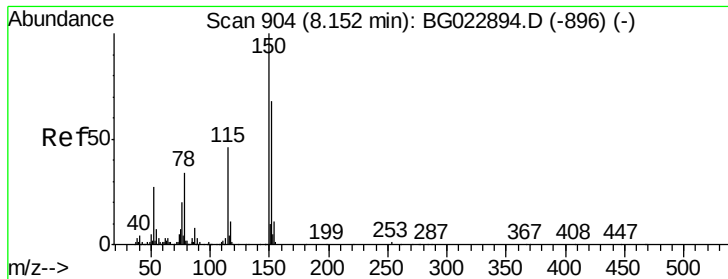
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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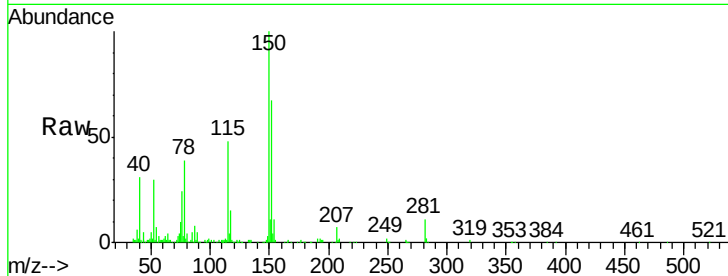


#1

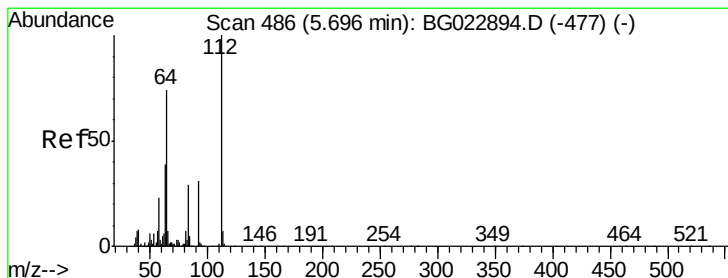
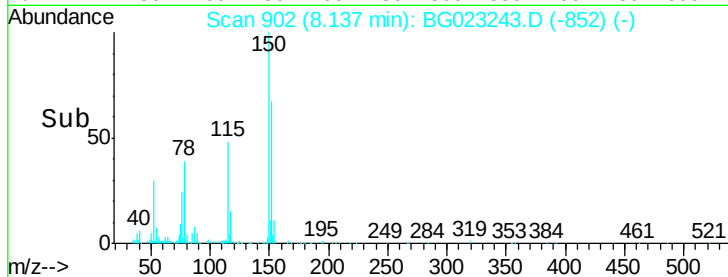
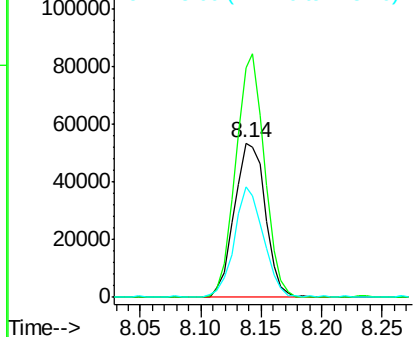
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG023243.D
Acq: 23 Jul 2016 9:34

Instrument :
BNA_G
ClientSampleId :
D-36

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.4	144.7	217.1
115	71.4	64.0	96.0



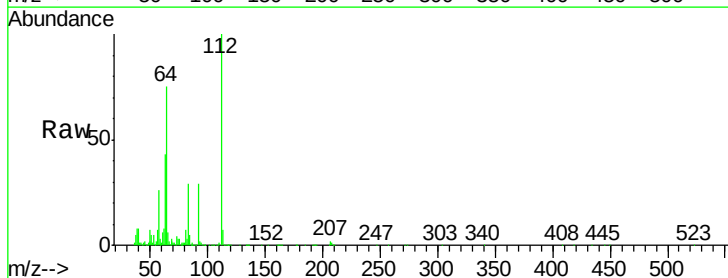
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



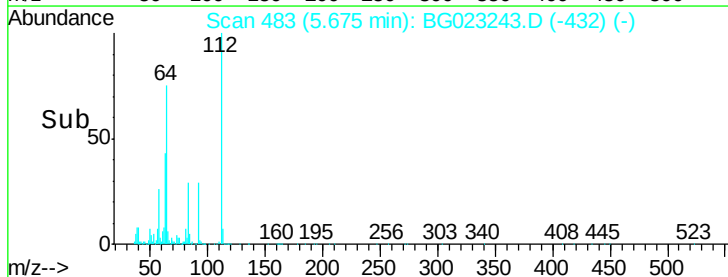
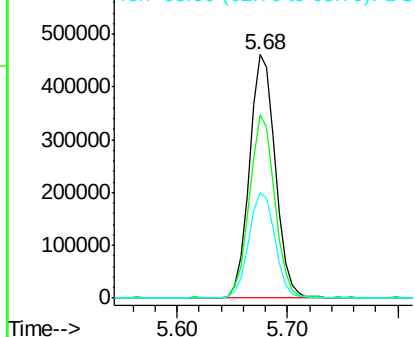
#5

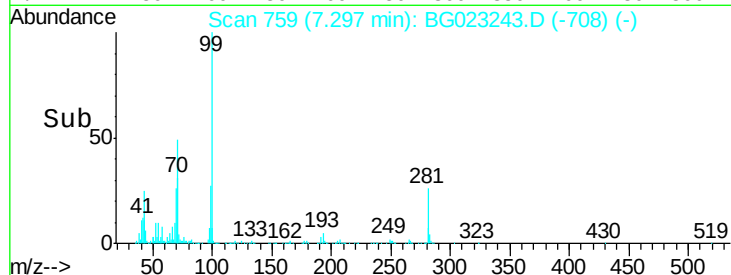
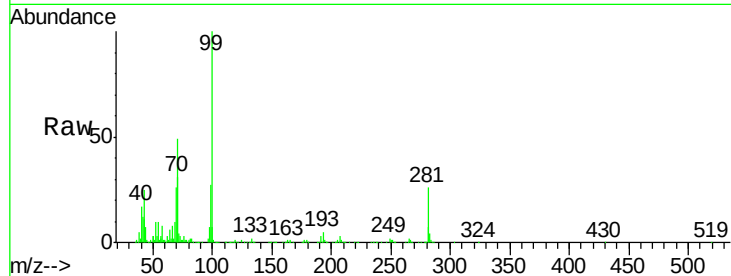
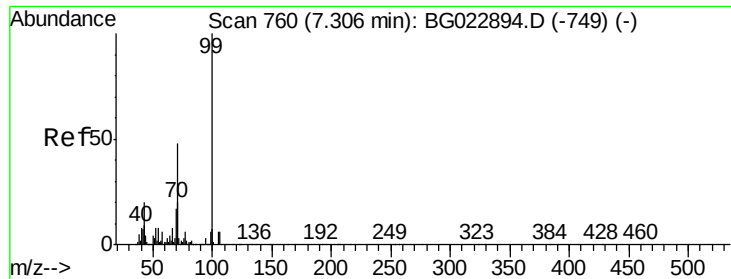
2-Fluorophenol
Concen: 128.99 ng
RT: 5.68 min Scan# 483
Delta R.T. -0.00 min
Lab File: BG023243.D
Acq: 23 Jul 2016 9:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.4	59.0	88.4
63	43.4	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: 73.83 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG023243.D

Acq: 23 Jul 2016 9:34

Instrument :

BNA_G

ClientSampleId :

D-36

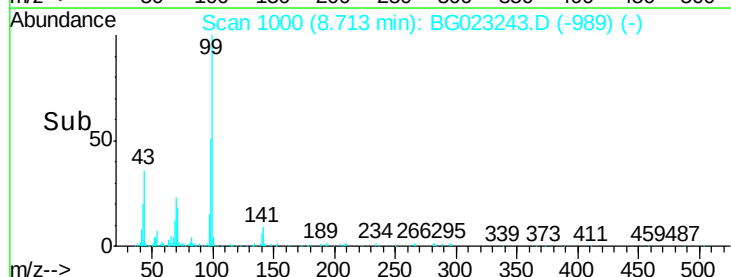
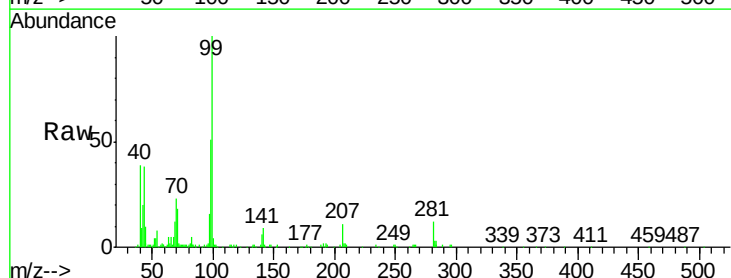
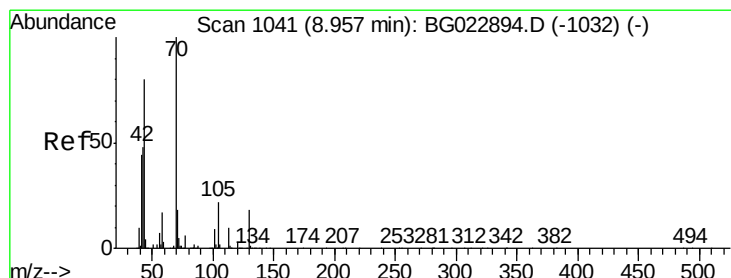
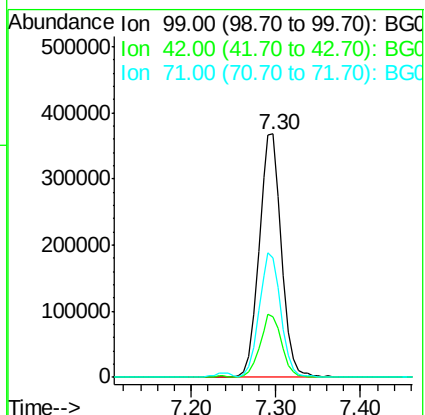
Tgt Ion: 99 Resp: 679451

Ion Ratio Lower Upper

99 100

42 24.6 17.8 26.6

71 49.3 41.5 62.3



#19

n-Nitroso-di-n-propylamine

Concen: 2.56 ng

RT: 8.71 min Scan# 1000

Delta R.T. -0.24 min

Lab File: BG023243.D

Acq: 23 Jul 2016 9:34

Tgt Ion: 70 Resp: 21202

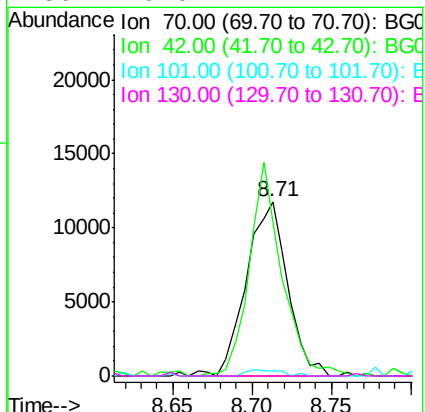
Ion Ratio Lower Upper

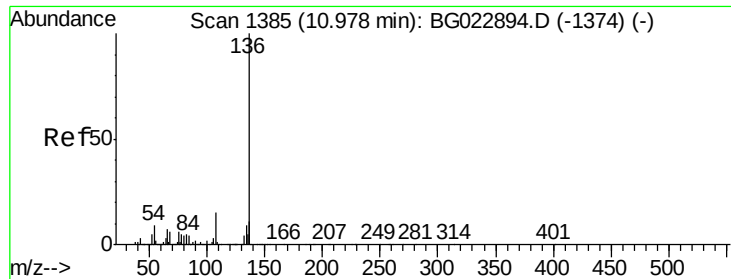
70 100

42 88.0 42.1 63.1#

101 3.2 7.2 10.8#

130 0.0 14.2 21.2#

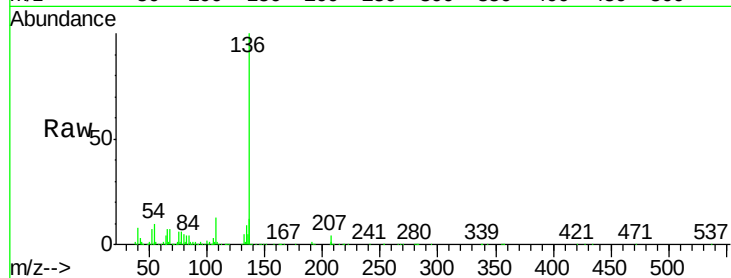




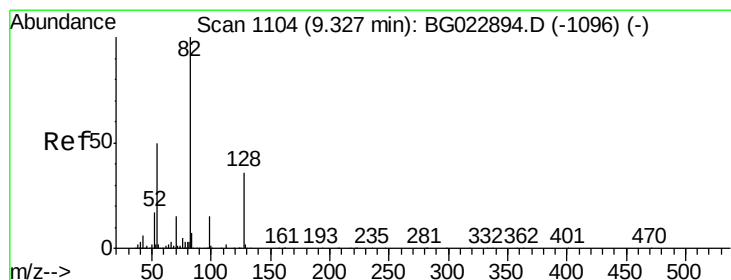
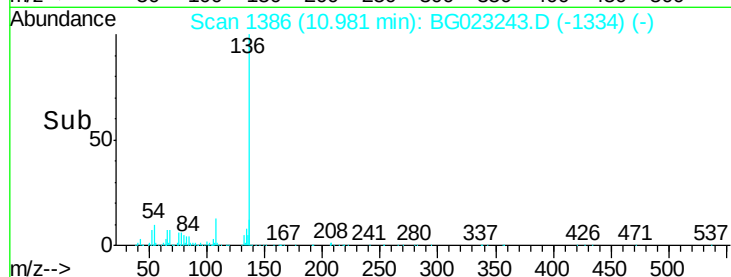
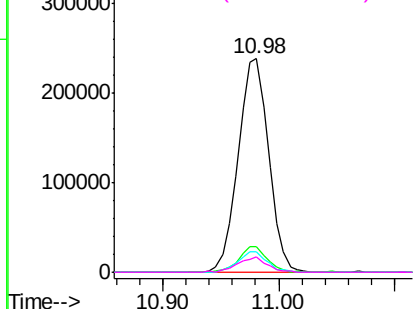
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BG023243.D
Acq: 23 Jul 2016 9:34

Instrument :
BNA_G
ClientSampleId :
D-36

Tgt Ion:	136	Resp:	435398
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	9.7	7.3	10.9
68	7.0	5.3	7.9

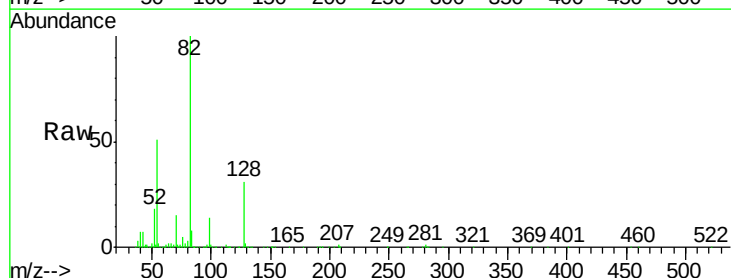


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

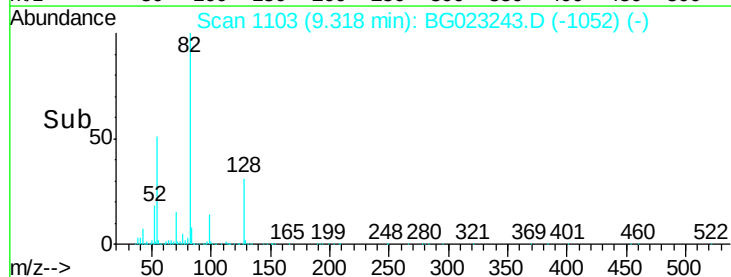
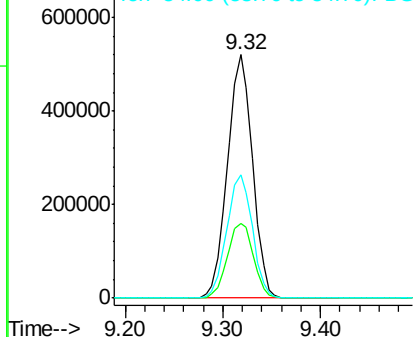


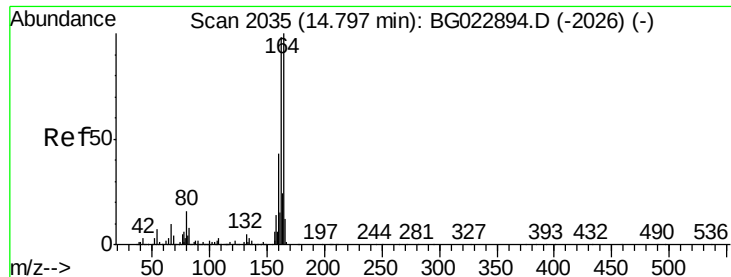
#23
Nitrobenzene-d5
Concen: 90.88 ng
RT: 9.32 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BG023243.D
Acq: 23 Jul 2016 9:34

Tgt Ion:	82	Resp:	924047
Ion	Ratio	Lower	Upper
82	100		
128	30.6	24.4	36.6
54	50.7	41.4	62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2038

Delta R.T. 0.01 min

Lab File: BG023243.D

Acq: 23 Jul 2016 9:34

Instrument :

BNA_G

ClientSampleId :

D-36

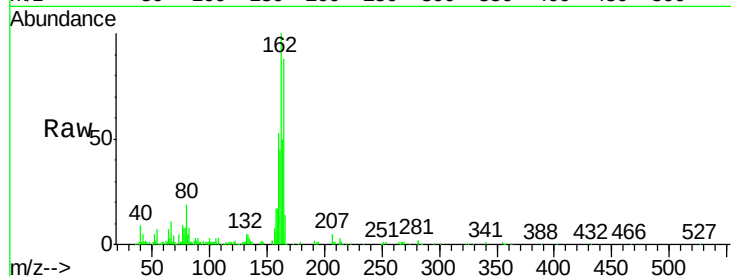
Tgt Ion:164 Resp: 121548

Ion Ratio Lower Upper

164 100

162 113.1 87.7 131.5

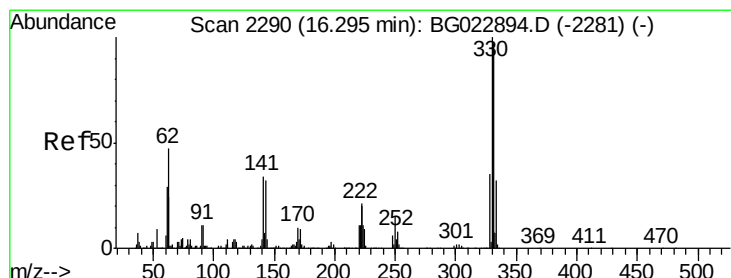
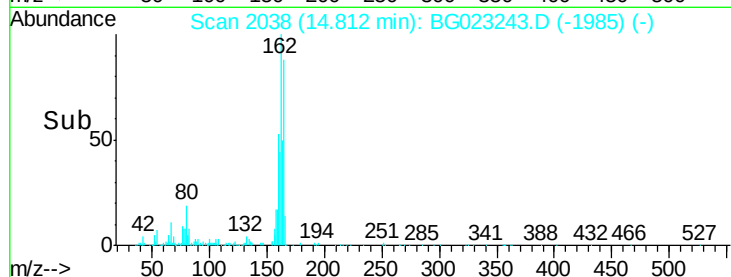
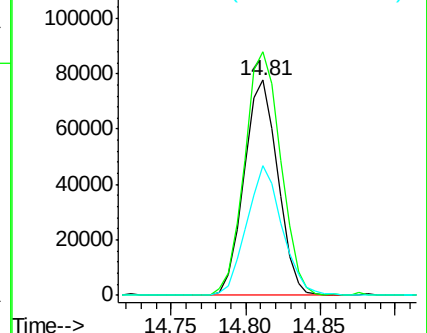
160 60.0 37.2 55.8#



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: 222.71 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BG023243.D

Acq: 23 Jul 2016 9:34

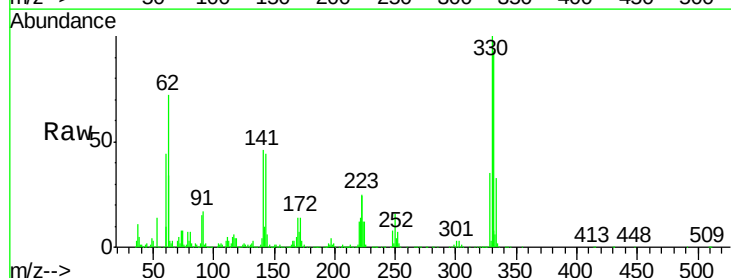
Tgt Ion:330 Resp: 486504

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

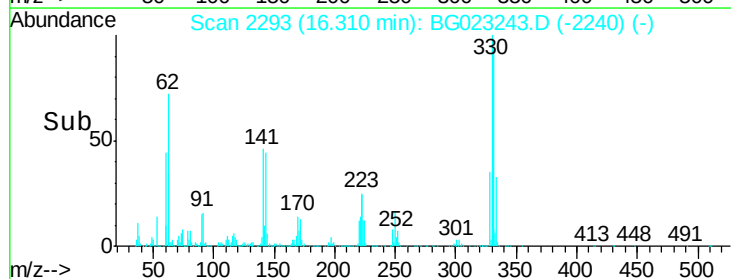
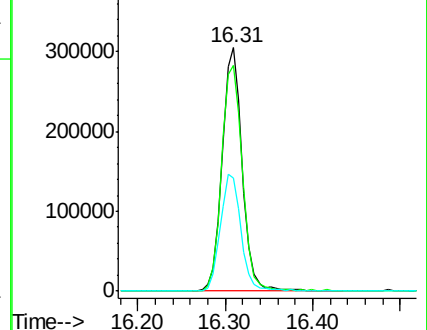
141 49.6 31.7 47.5#

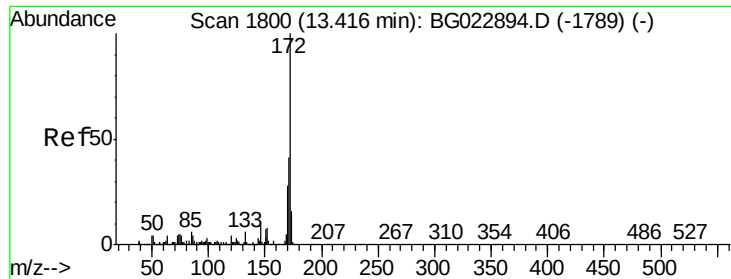


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

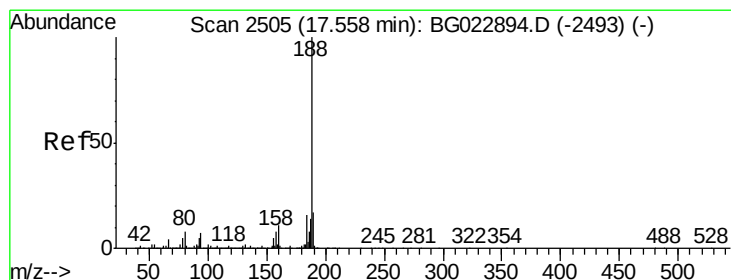
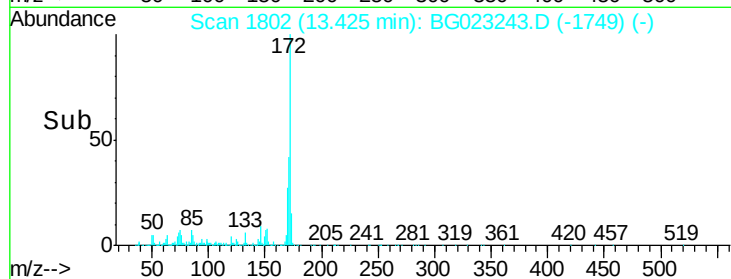
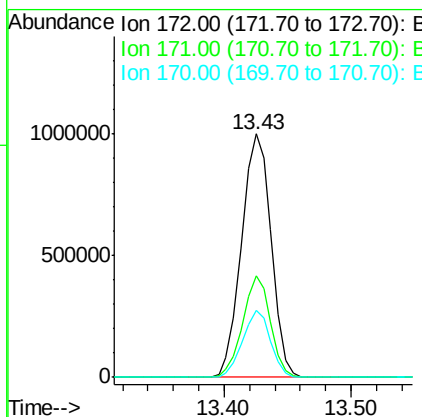
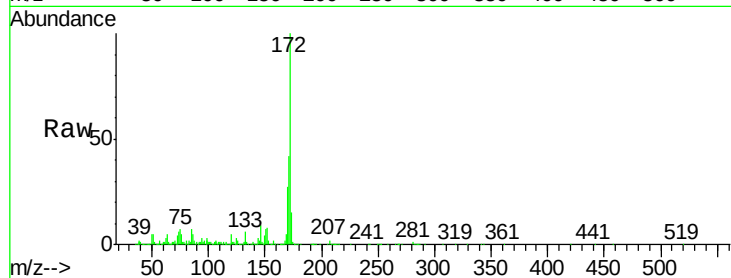




#44
2-Fluorobiphenyl
Concen: 209.81 ng
RT: 13.43 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BG023243.D
Acq: 23 Jul 2016 9:34

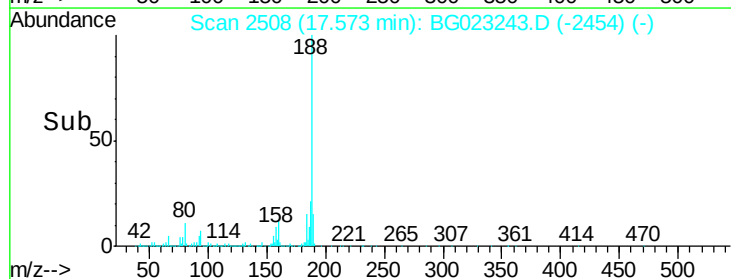
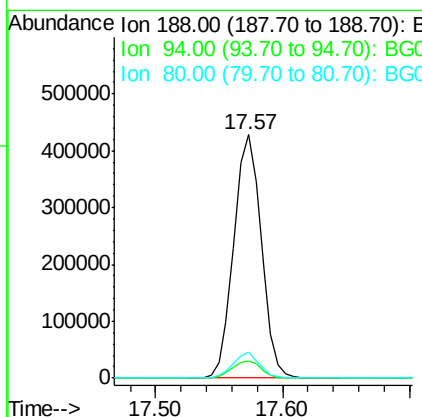
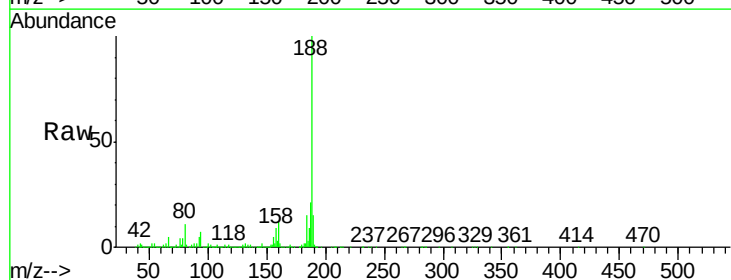
Instrument :
BNA_G
ClientSampleId :
D-36

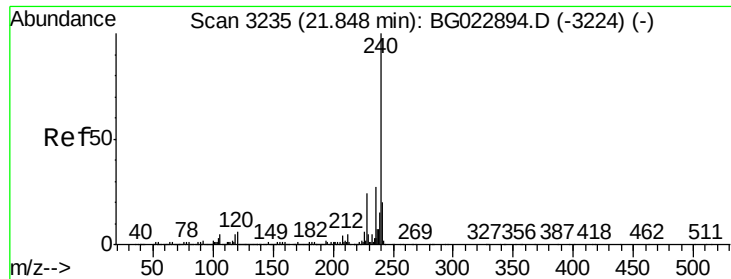
Tgt Ion:172 Resp: 1619057
Ion Ratio Lower Upper
172 100
171 41.5 31.6 47.4
170 27.4 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.02 min
Lab File: BG023243.D
Acq: 23 Jul 2016 9:34

Tgt Ion:188 Resp: 644663
Ion Ratio Lower Upper
188 100
94 7.0 5.2 7.8
80 10.5 7.2 10.8

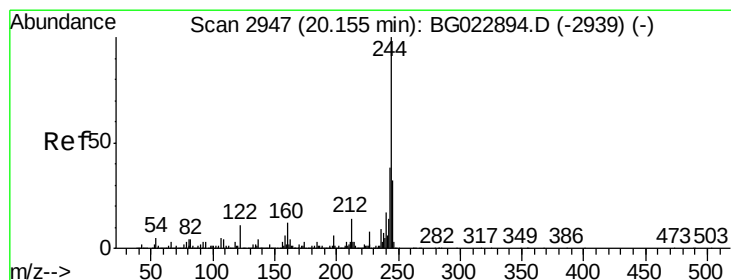
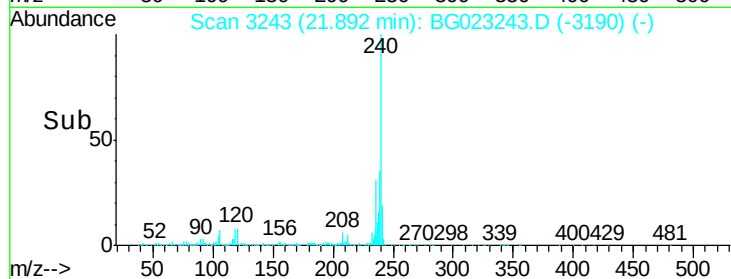
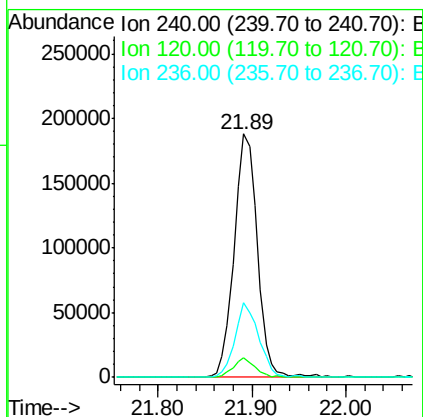
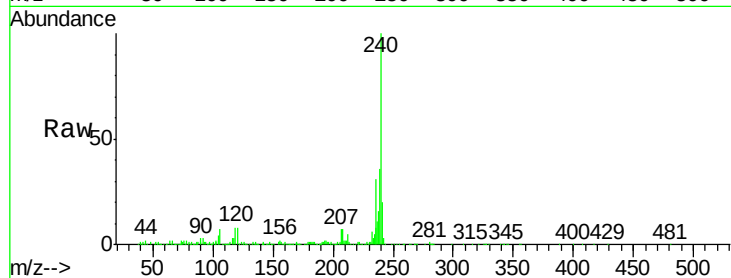




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.89 min Scan# 3243
 Delta R.T. 0.01 min
 Lab File: BG023243.D
 Acq: 23 Jul 2016 9:34

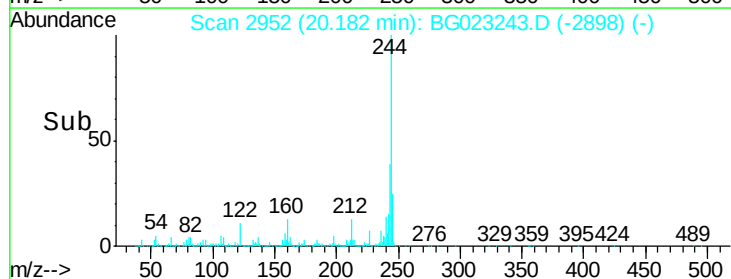
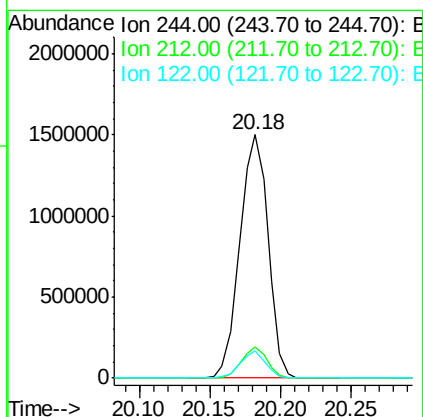
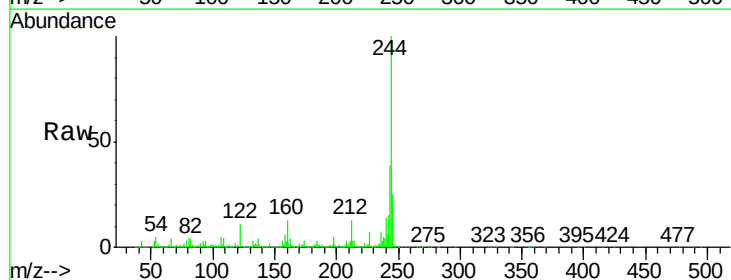
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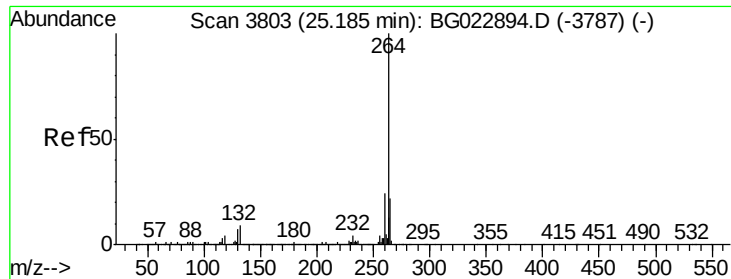
Tgt Ion:240 Resp: 323634
 Ion Ratio Lower Upper
 240 100
 120 8.2 4.1 6.1#
 236 30.8 21.1 31.7



#78
 Terphenyl-d14
 Concen: -20.00 ng
 RT: 20.18 min Scan# 2952
 Delta R.T. 0.02 min
 Lab File: BG023243.D
 Acq: 23 Jul 2016 9:34

Tgt Ion:244 Resp: 2096483
 Ion Ratio Lower Upper
 244 100
 212 12.7 10.8 16.2
 122 11.1 8.0 12.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.31 min Scan# 3824

Delta R.T. 0.03 min

Lab File: BG023243.D

Acq: 23 Jul 2016 9:34

Instrument :

BNA_G

ClientSampleId :

D-36

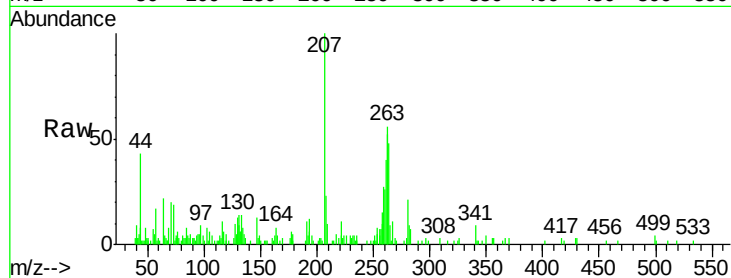
Tgt Ion: 264 Resp: 13218

Ion Ratio Lower Upper

264 100

260 53.9 18.4 27.6#

265 18.5 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

