

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
 Data File : BG023403.D
 Acq On : 2 Aug 2016 19:39
 Operator : UM/SJ
 Sample : H4270-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KMW-2

Quant Time: Aug 03 03:19:11 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	141192	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	657844	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	456793	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	1053285	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1023340	20.00	ng	0.00
86) Perylene-d12	25.24	264	1048839	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	600433	71.58	ng	0.00
7) Phenol-d6	7.28	99	611635	46.82	ng	0.00
23) Nitrobenzene-d5	9.29	82	1219230	92.14	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	971601	145.42	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	2462313	90.92	ng	0.00
78) Terphenyl-d14	20.16	244	2906797	90.02	ng	0.00

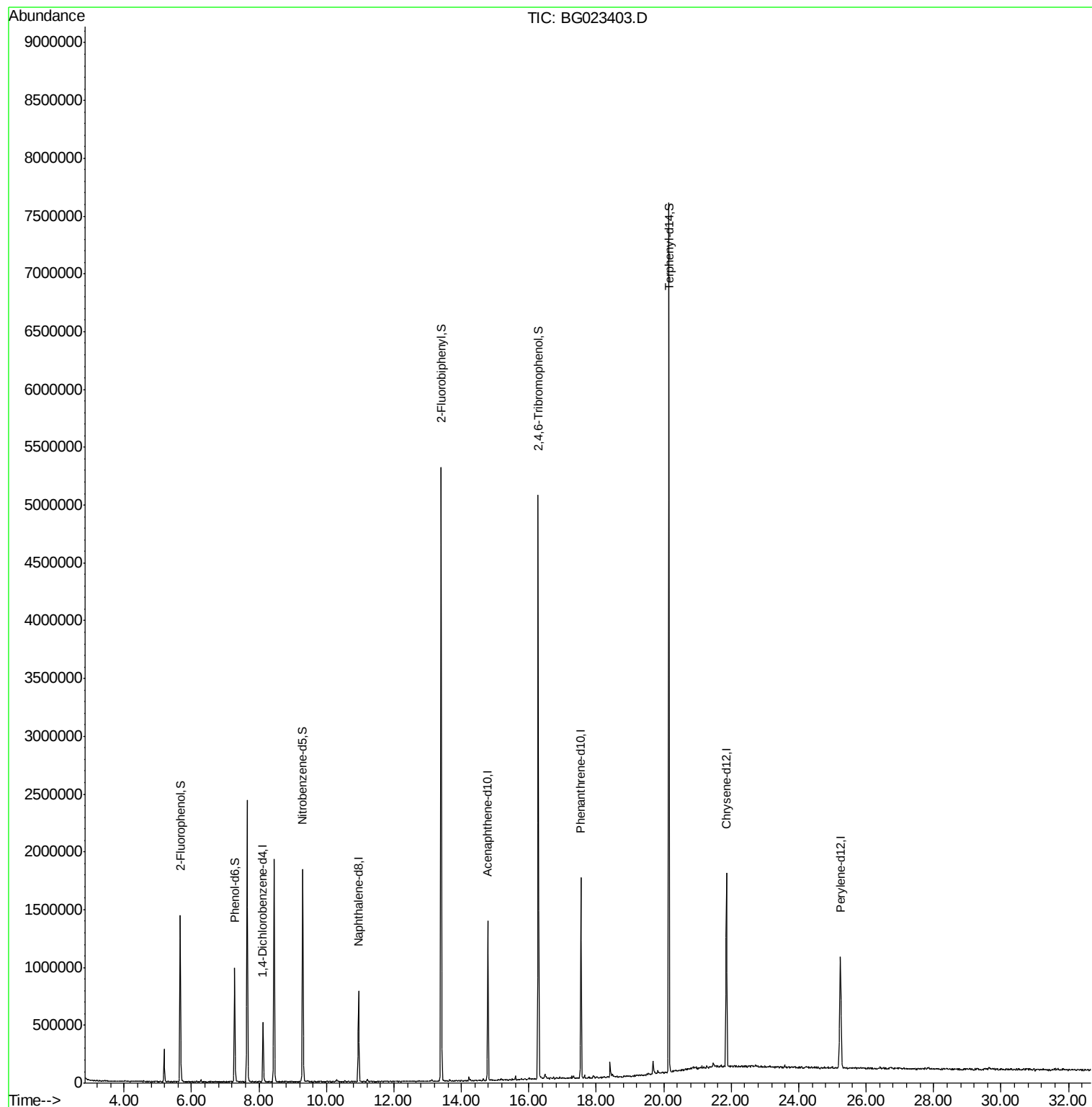
Target Compounds Qvalue

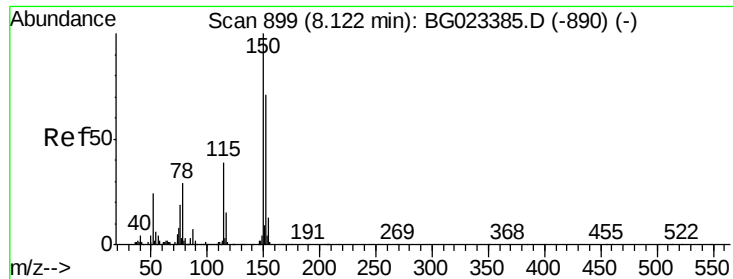
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG023403.D

Acq: 2 Aug 2016 19:39

Instrument :

BNA_G

ClientSampleId :

KMW-2

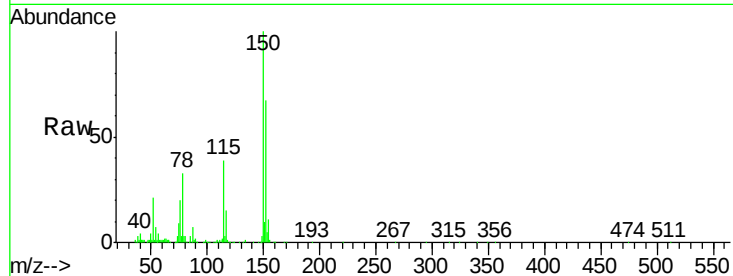
Tot Ion:152 Resp: 141192

Ion Ratio Lower Upper

152 100

150 150.3 144.7 217.1

115 58.7 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

150000

100000

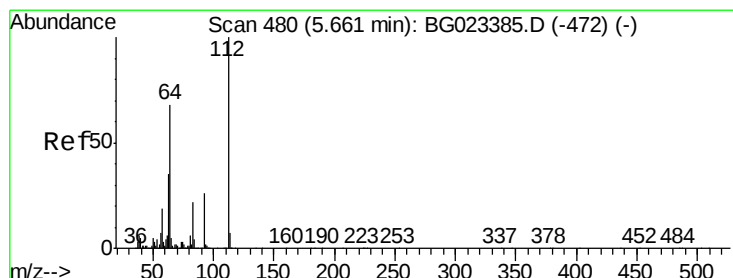
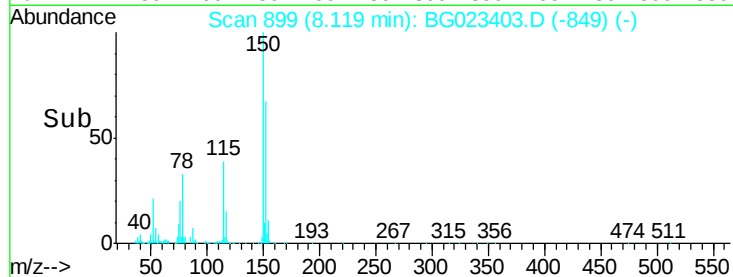
50000

0

8.12

8.05 8.10 8.15 8.20

Time-->



#5

2-Fluorophenol

Concen: 71.58 ng

RT: 5.66 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG023403.D

Acq: 2 Aug 2016 19:39

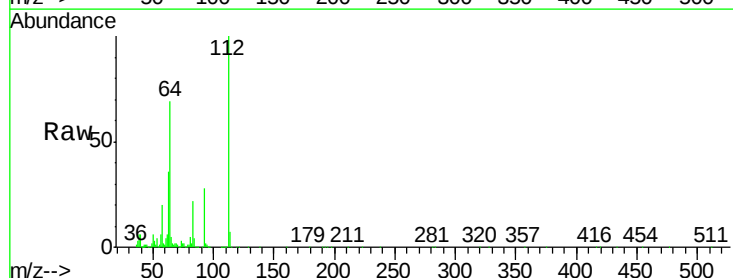
Tgt Ion:112 Resp: 600433

Ion Ratio Lower Upper

112 100

64 68.7 59.0 88.4

63 35.7 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

500000

400000

300000

200000

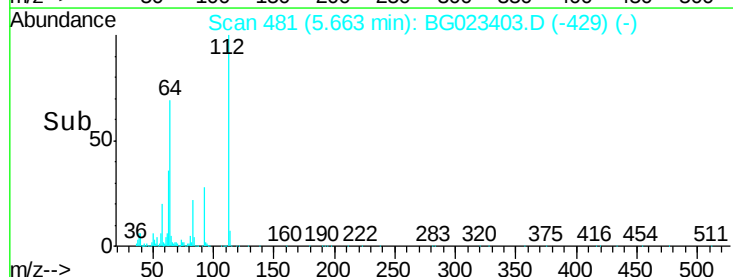
100000

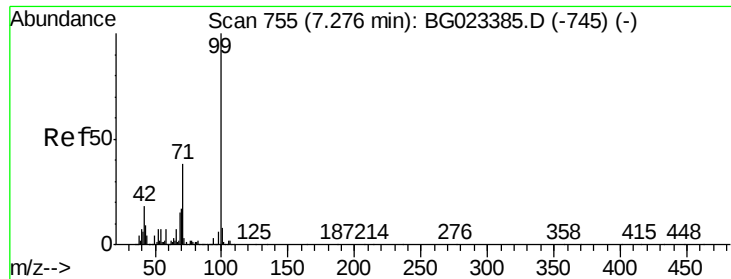
0

5.66

5.60 5.70 5.80

Time-->





#7

Phenol-d6

Concen: 46.82 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG023403.D

Acq: 2 Aug 2016 19:39

Instrument :

BNA_G

ClientSampleId :

KMW-2

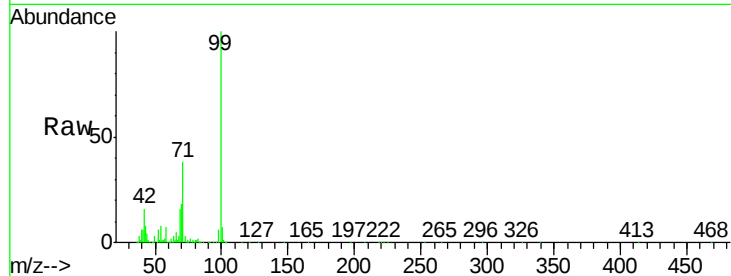
Tot Ion: 99 Resp: 611635

Ion Ratio Lower Upper

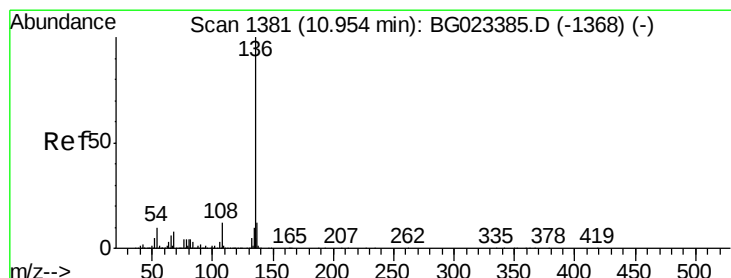
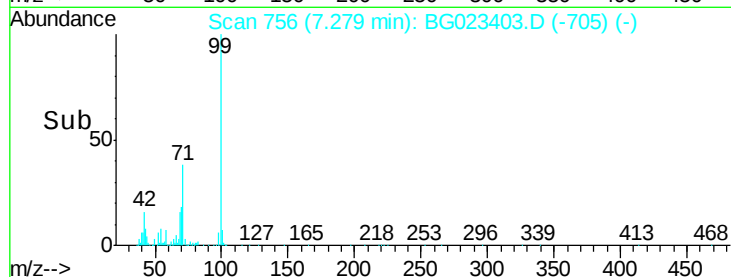
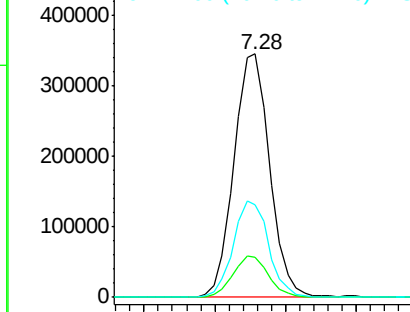
99 100

42 16.4 17.8 26.6#

71 38.1 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: 10.95 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BG023403.D

Acq: 2 Aug 2016 19:39

Tgt Ion: 136 Resp: 657844

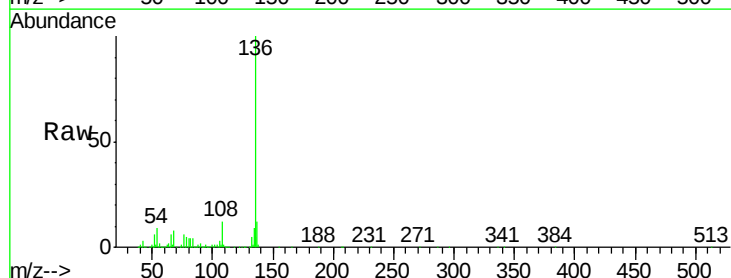
Ion Ratio Lower Upper

136 100

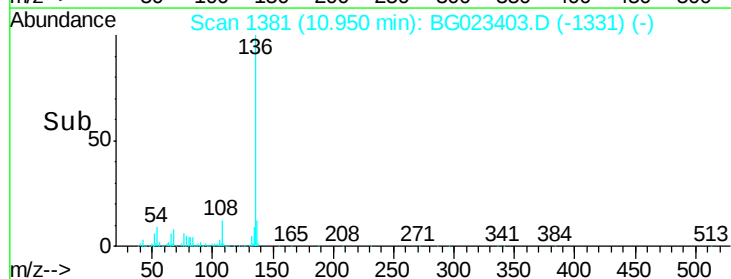
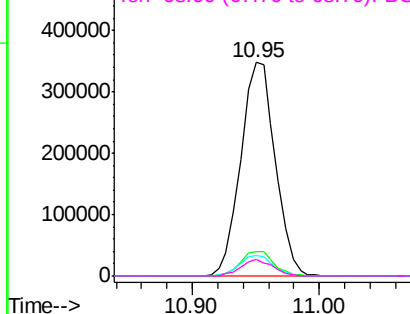
137 11.5 9.6 14.4

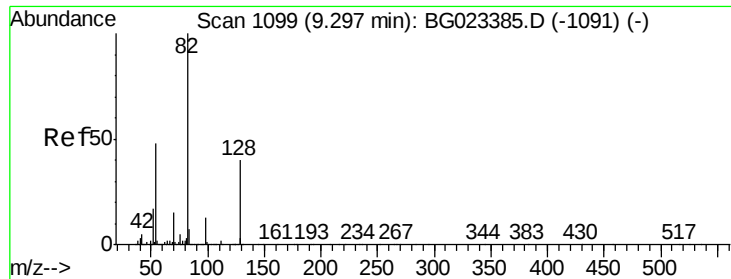
54 9.3 7.3 10.9

68 8.0 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

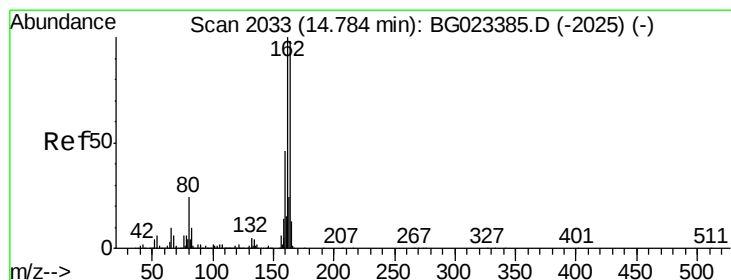
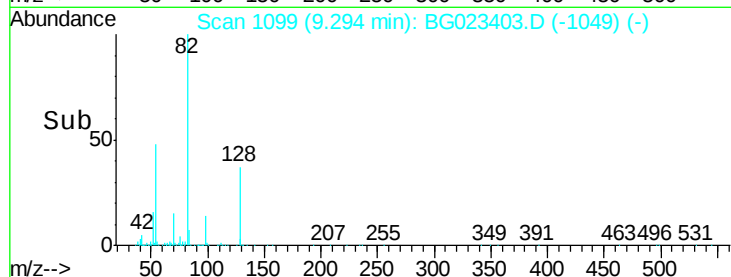
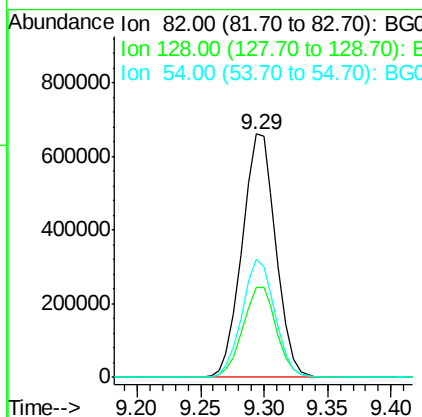
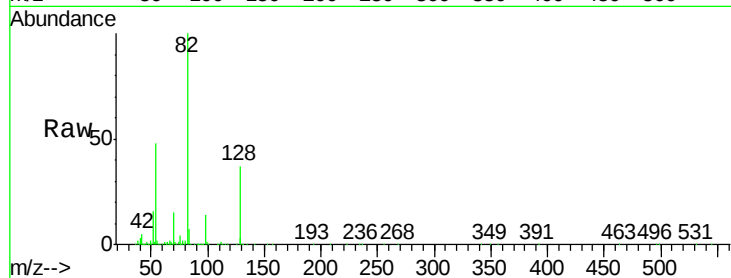




#23
Nitrobenzene-d5
Concen: 92.14 ng
RT: 9.29 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BG023403.D
Acq: 2 Aug 2016 19:39

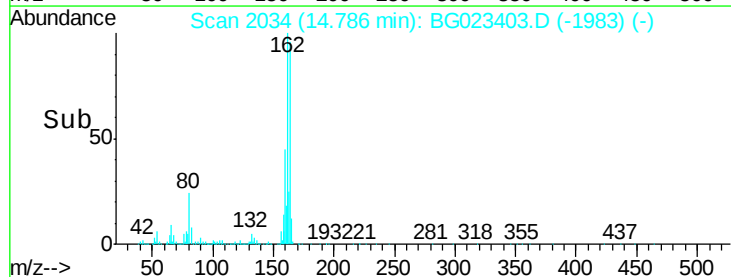
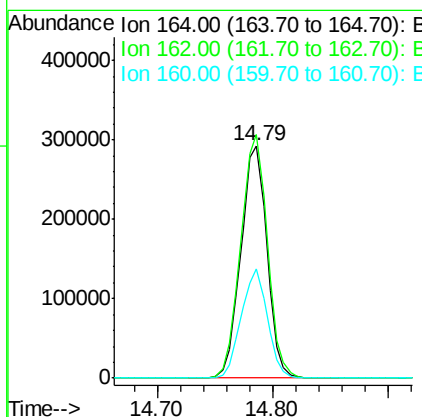
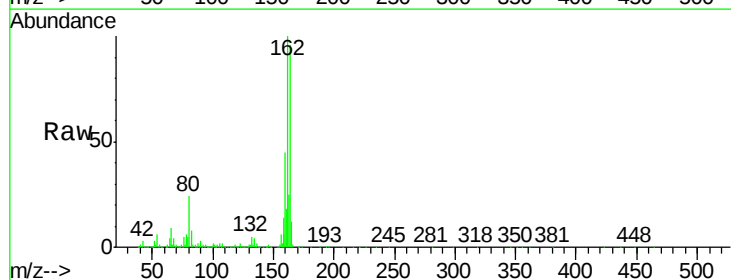
Instrument :
BNA_G
ClientSampleId :
KMW-2

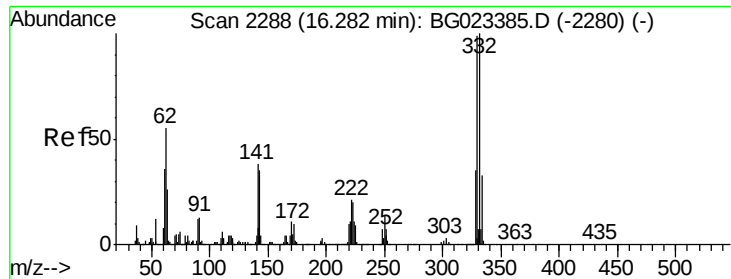
Tot Ion: 82 Resp: 1219230
Ion Ratio Lower Upper
82 100
128 36.7 24.4 36.6#
54 48.3 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG023403.D
Acq: 2 Aug 2016 19:39

Tgt Ion:164 Resp: 456793
Ion Ratio Lower Upper
164 100
162 104.7 87.7 131.5
160 46.8 37.2 55.8

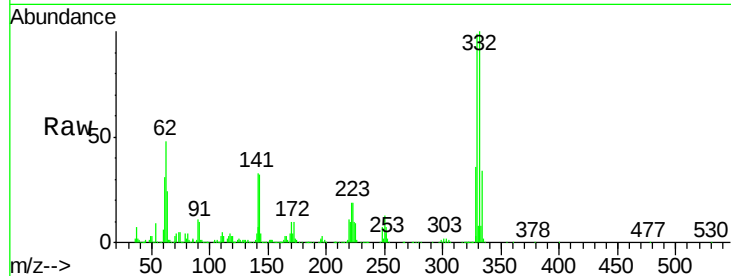




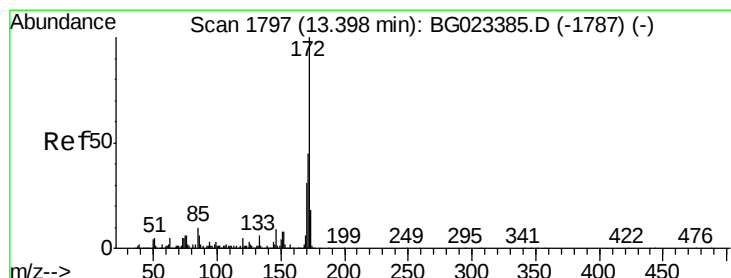
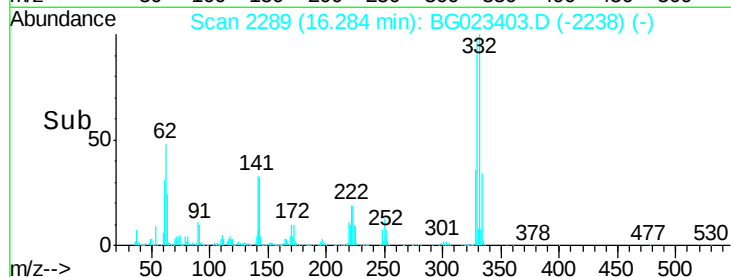
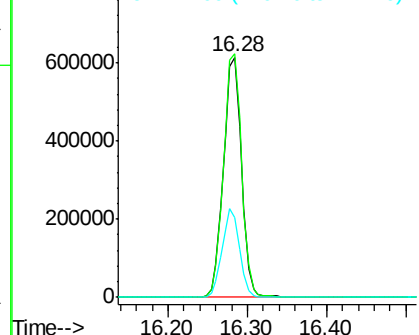
#41
 2,4,6-Tribromophenol
 Concen: 145.42 ng
 RT: 16.28 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG023403.D
 Acq: 2 Aug 2016 19:39

Instrument :
 BNA_G
 ClientSampleId :
 KMW-2

Tot Ion:330 Resp: 971601
 Ion Ratio Lower Upper
 330 100
 332 101.2 77.4 116.2
 141 35.6 31.7 47.5

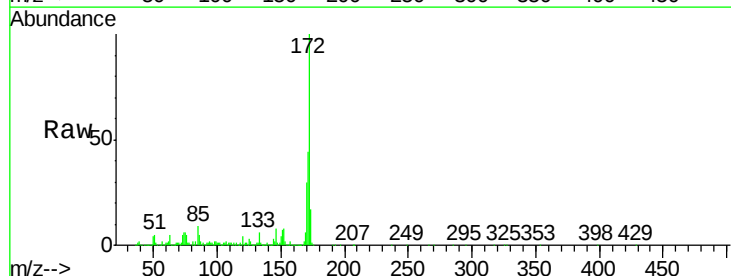


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

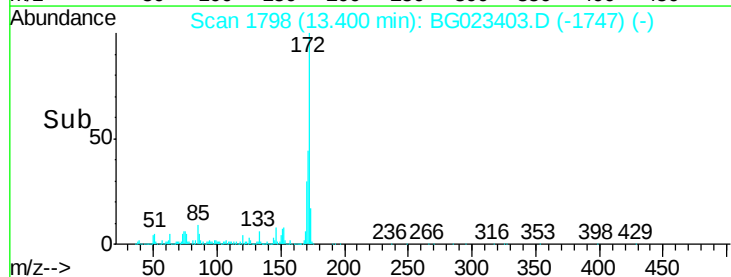
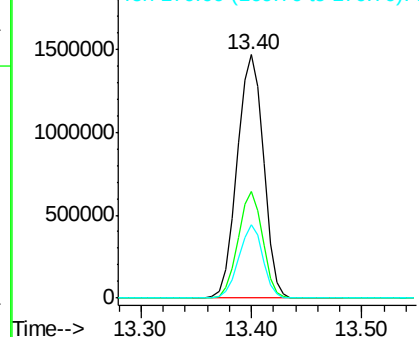


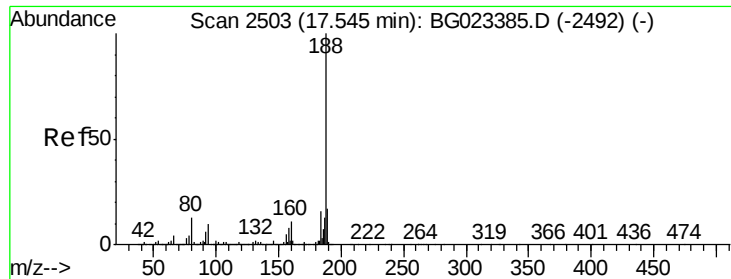
#44
 2-Fluorobiphenyl
 Concen: 90.92 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: BG023403.D
 Acq: 2 Aug 2016 19:39

Tgt Ion:172 Resp: 2462313
 Ion Ratio Lower Upper
 172 100
 171 43.9 31.6 47.4
 170 30.0 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: 17.54 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG023403.D

Acq: 2 Aug 2016 19:39

Instrument :

BNA_G

ClientSampleId :

KMW-2

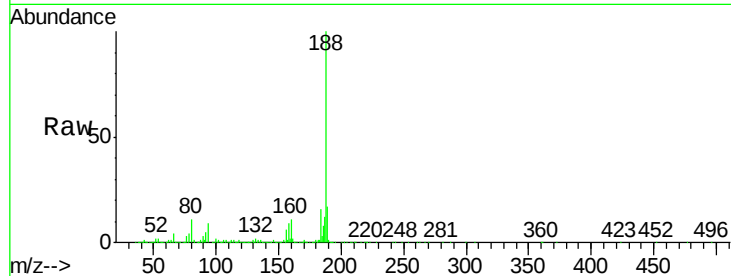
Tot Ion:188 Resp: 1053285

Ion Ratio Lower Upper

188 100

94 9.1 5.2 7.8#

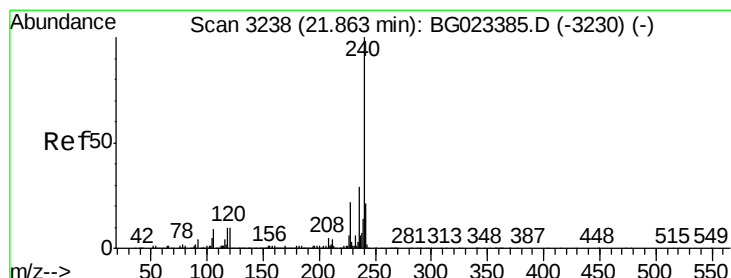
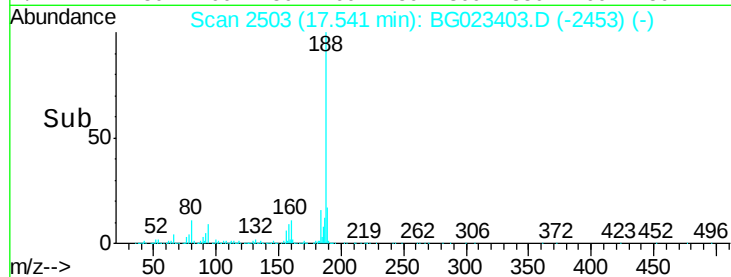
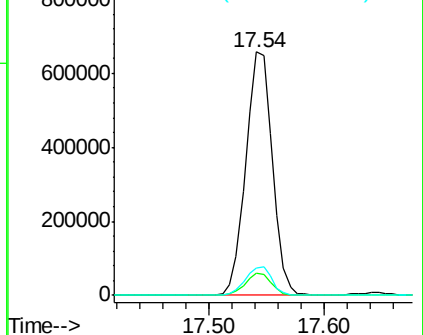
80 11.4 7.2 10.8#



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: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG023403.D

Acq: 2 Aug 2016 19:39

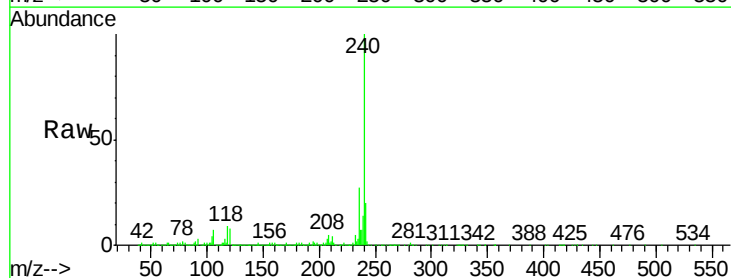
Tgt Ion:240 Resp: 1023340

Ion Ratio Lower Upper

240 100

120 7.9 4.1 6.1#

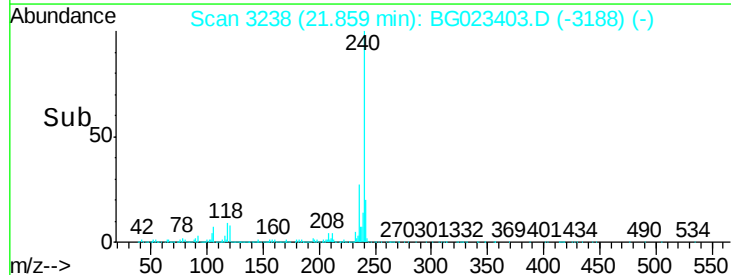
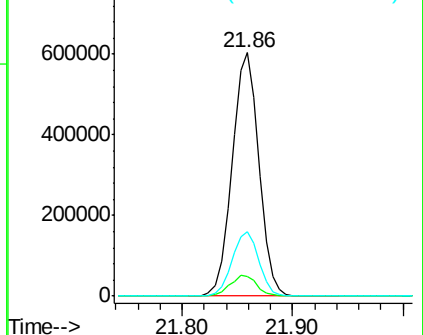
236 26.7 21.1 31.7

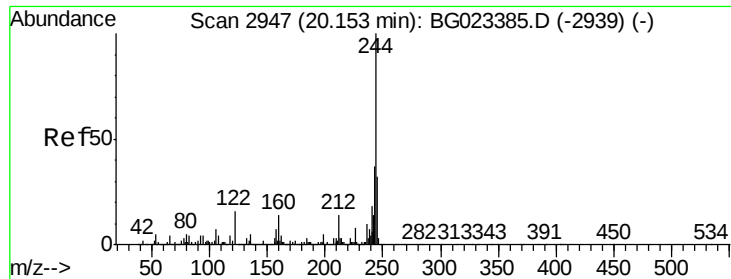


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.02 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023403.D

Acq: 2 Aug 2016 19:39

Instrument :

BNA_G

ClientSampleId :

KMW-2

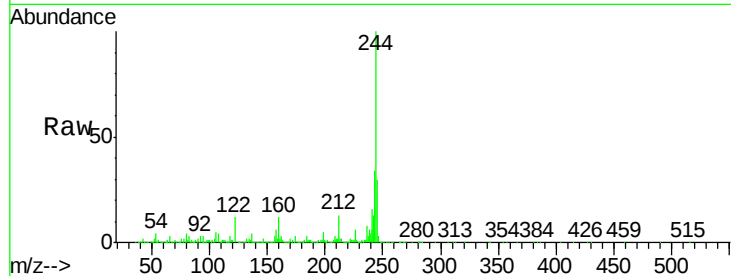
Tot Ion:244 Resp: 2906797

Ion Ratio Lower Upper

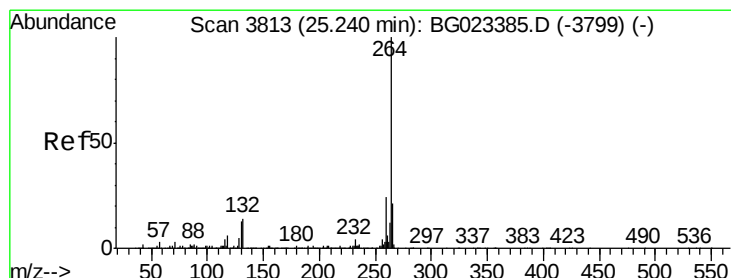
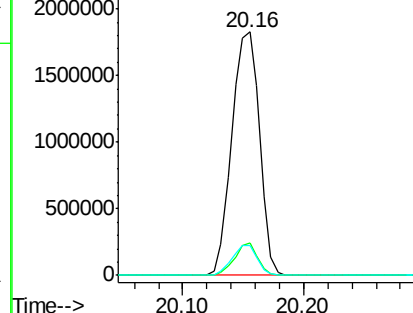
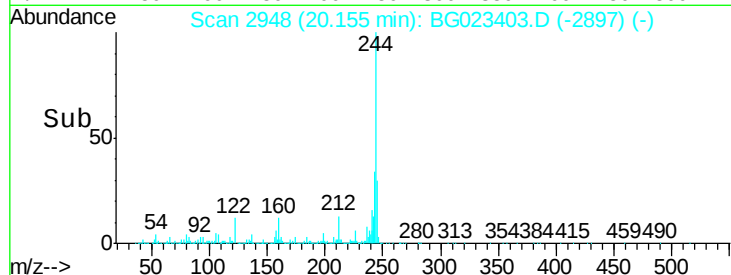
244 100

212 13.3 10.8 16.2

122 12.0 8.0 12.0#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.24 min Scan# 3813

Delta R.T. -0.00 min

Lab File: BG023403.D

Acq: 2 Aug 2016 19:39

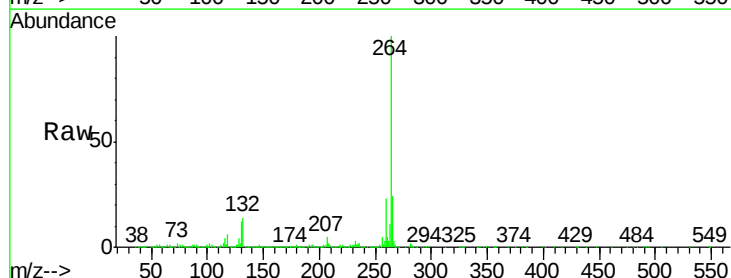
Tgt Ion:264 Resp: 1048839

Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 24.2 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

