

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
 Data File : BG023888.D
 Acq On : 24 Aug 2016 17:29
 Operator : UM/SJ
 Sample : H4567-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Quant Time: Aug 24 18:22:11 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	121776	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	492372	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	304984	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	717511	20.00	ng	0.00
75) Chrysene-d12	21.84	240	757230	20.00	ng	0.00
86) Perylene-d12	25.21	264	733994	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	477298	65.98	ng	0.00
7) Phenol-d6	7.25	99	449979	39.93	ng	0.00
23) Nitrobenzene-d5	9.27	82	939576	94.87	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	505528	113.32	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1751545	96.87	ng	0.00
78) Terphenyl-d14	20.14	244	2248503	95.23	ng	0.00

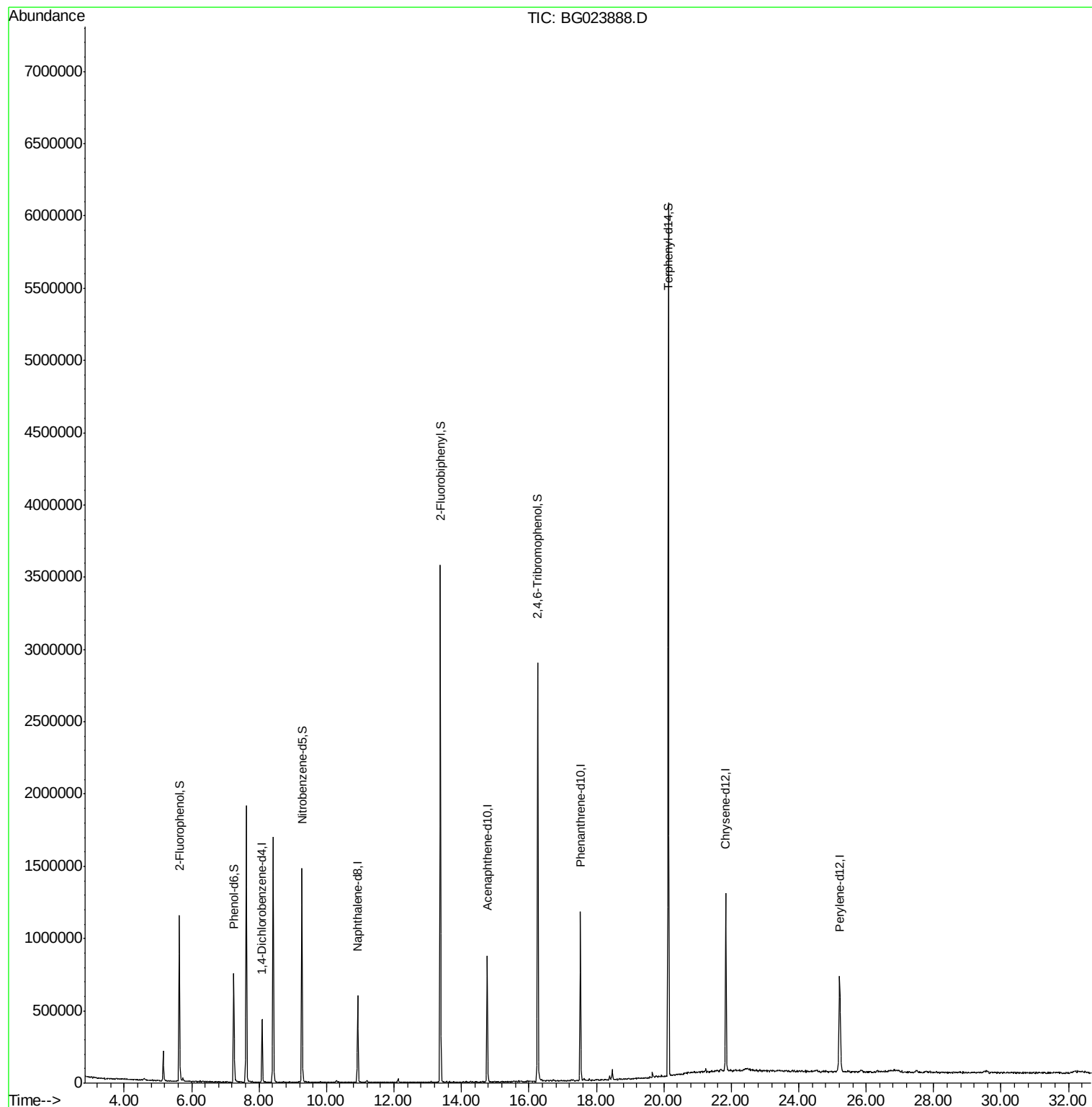
Target Compounds Qvalue

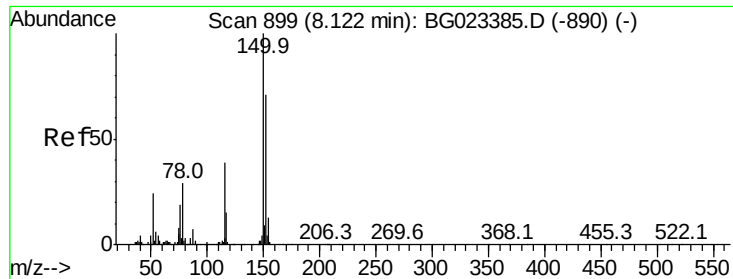
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG023888.D

Acq: 24 Aug 2016 17:29

Instrument :

BNA_G

ClientSampleId :

MW-4

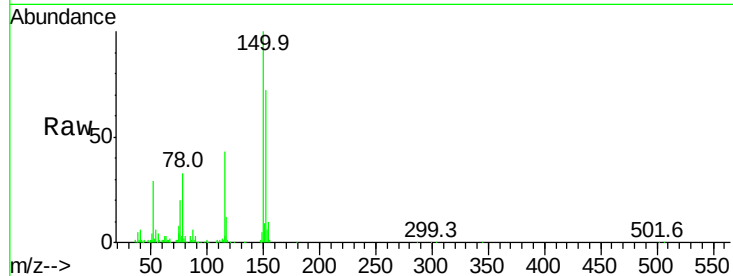
Tot Ion:152 Resp: 121776

Ion Ratio Lower Upper

152 100

150 138.9 144.7 217.1#

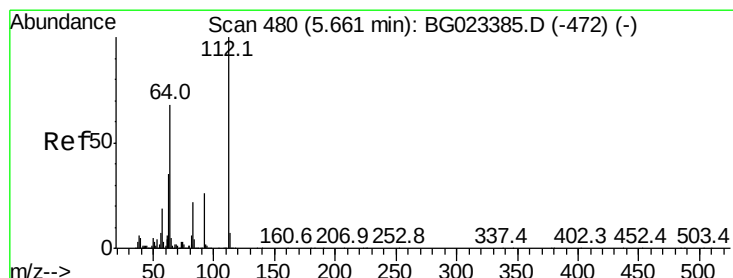
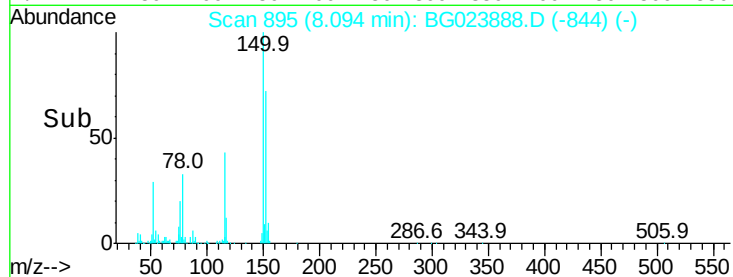
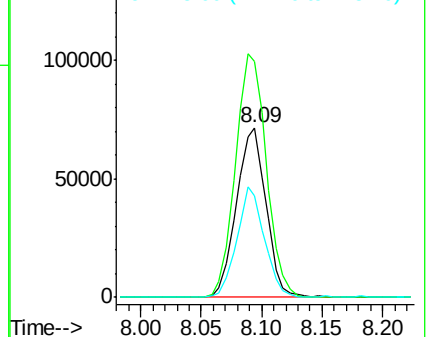
115 59.9 64.0 96.0#



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: 65.98 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.01 min

Lab File: BG023888.D

Acq: 24 Aug 2016 17:29

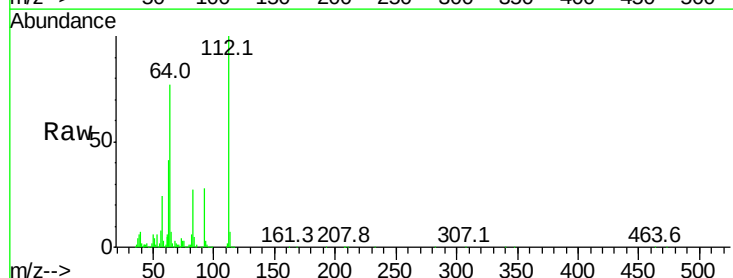
Tgt Ion:112 Resp: 477298

Ion Ratio Lower Upper

112 100

64 76.5 59.0 88.4

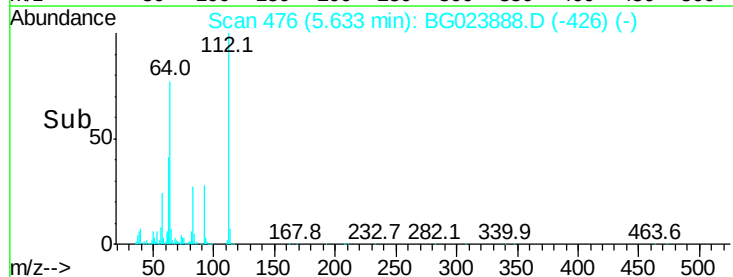
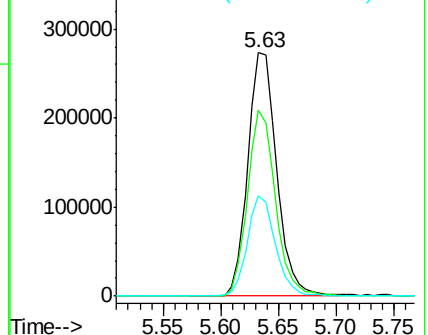
63 41.4 37.8 56.8

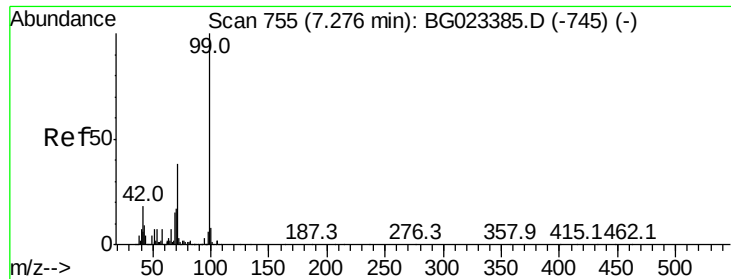


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 39.93 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG023888.D

Acq: 24 Aug 2016 17:29

Instrument :

BNA_G

ClientSampleId :

MW-4

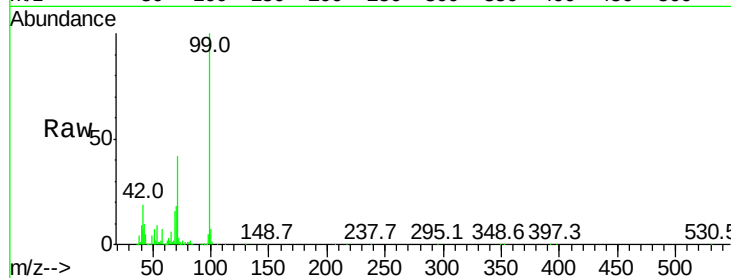
Tot Ion: 99 Resp: 449979

Ion Ratio Lower Upper

99 100

42 18.7 17.8 26.6

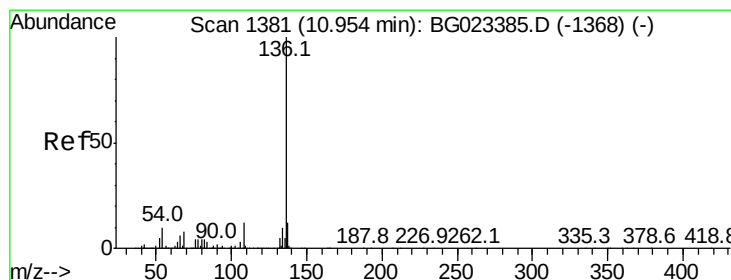
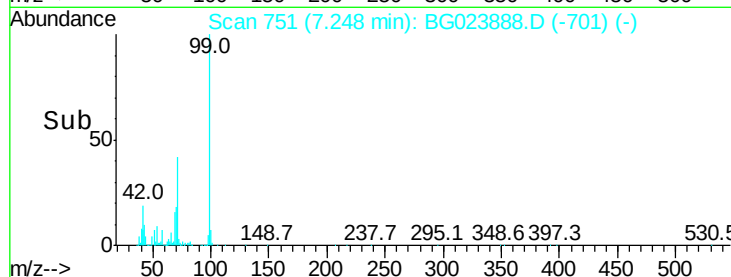
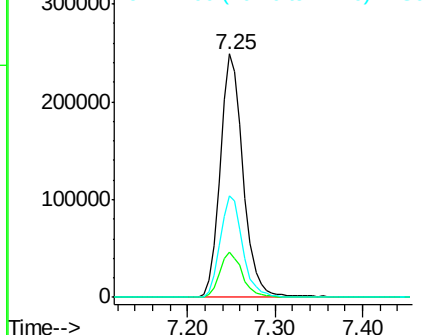
71 41.7 41.5 62.3



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: 10.93 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BG023888.D

Acq: 24 Aug 2016 17:29

Tgt Ion: 136 Resp: 492372

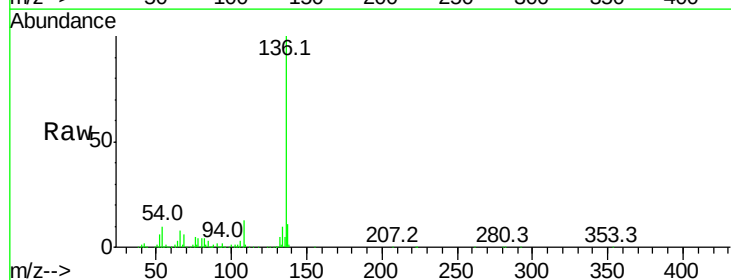
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 10.2 7.3 10.9

68 6.2 5.3 7.9

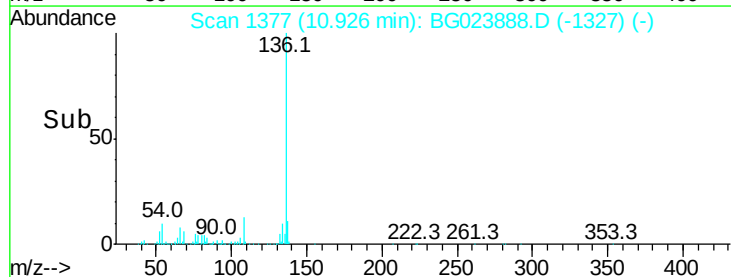
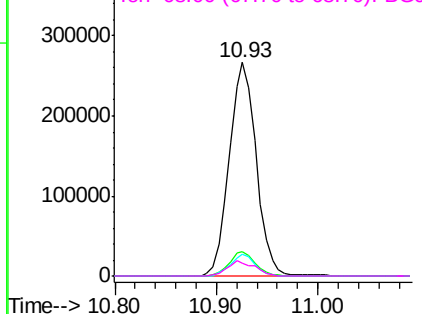


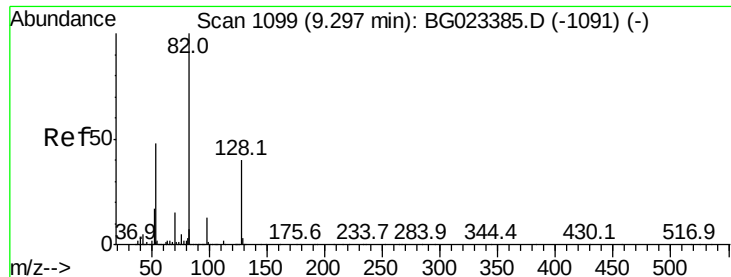
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

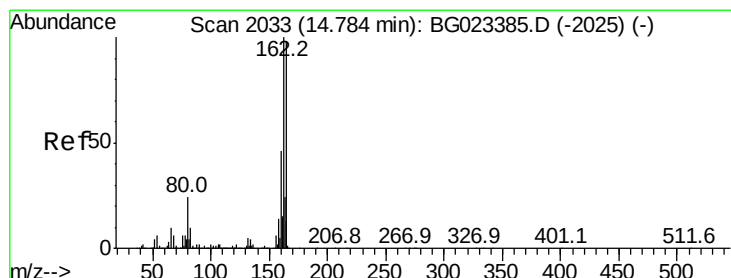
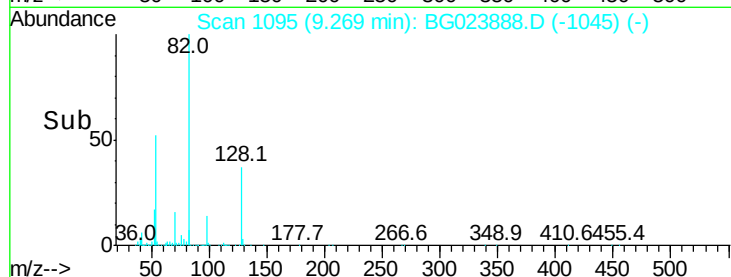
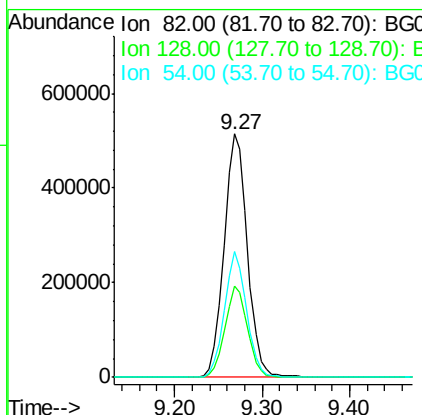
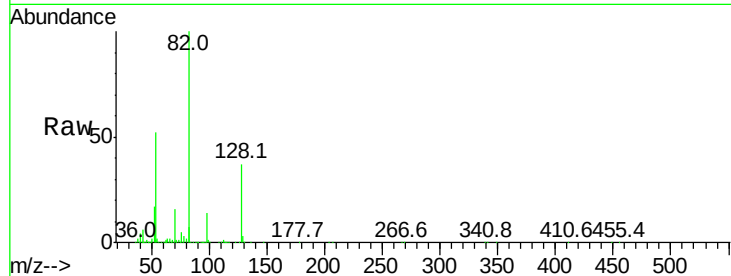




#23
 Nitrobenzene-d5
 Concen: 94.87 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BG023888.D
 Acq: 24 Aug 2016 17:29

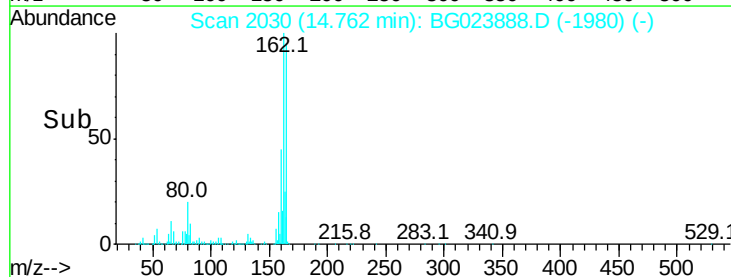
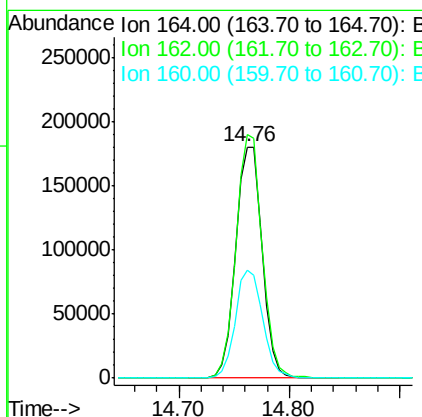
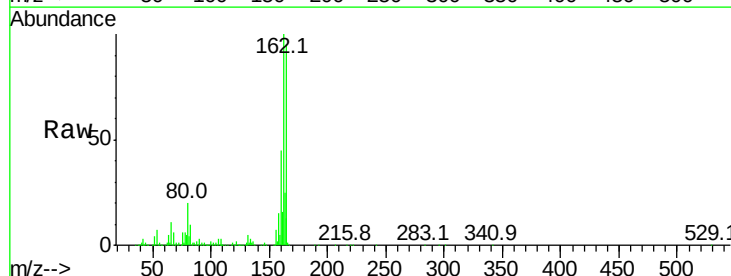
Instrument :
 BNA_G
 ClientSampleId :
 MW-4

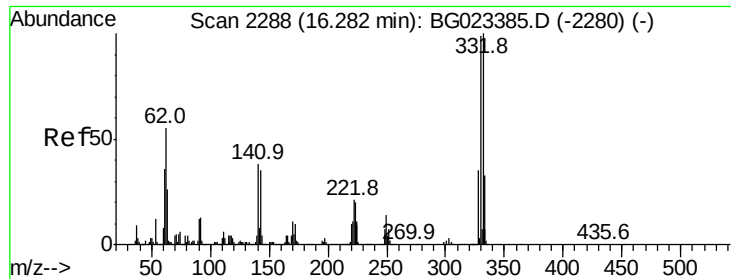
Tot Ion	82	Resp	939576
Ion Ratio	100	Lower	Upper
128	37.5	24.4	36.6#
54	51.7	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BG023888.D
 Acq: 24 Aug 2016 17:29

Tgt Ion	164	Resp	304984
Ion Ratio	100	Lower	Upper
162	105.5	87.7	131.5
160	47.0	37.2	55.8

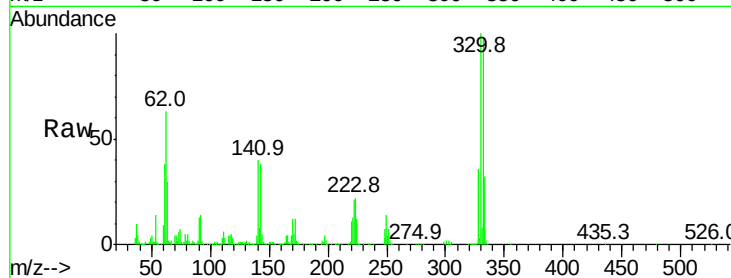




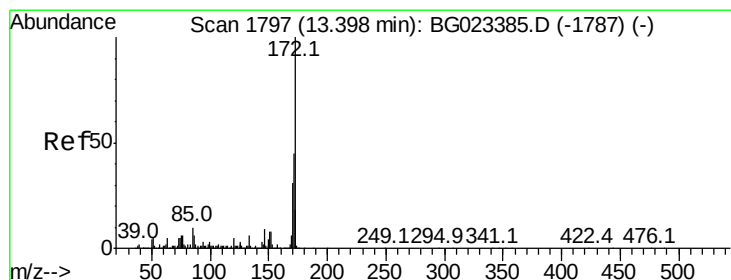
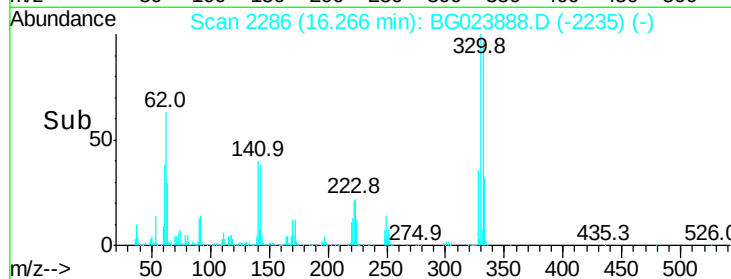
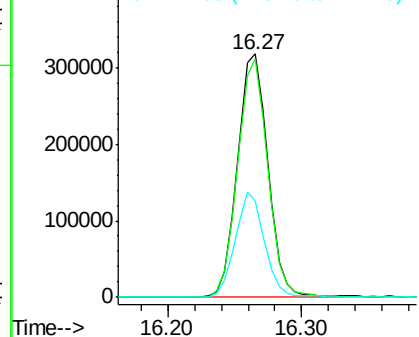
#41
 2,4,6-Tribromophenol
 Concen: 113.32 ng
 RT: 16.27 min Scan# 2286
 Delta R.T. -0.00 min
 Lab File: BG023888.D
 Acq: 24 Aug 2016 17:29

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	41.9	31.7	47.5

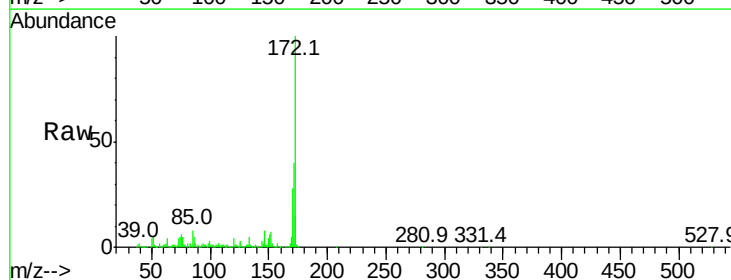


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

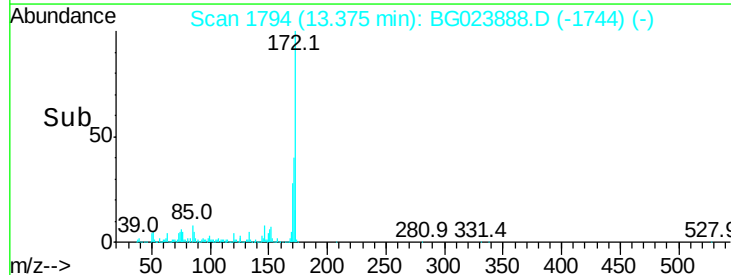
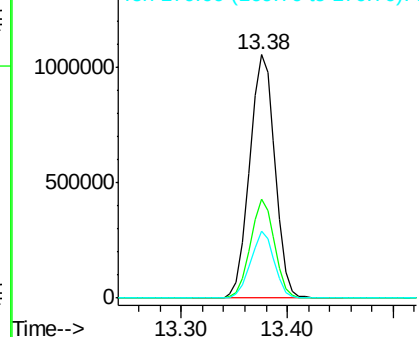


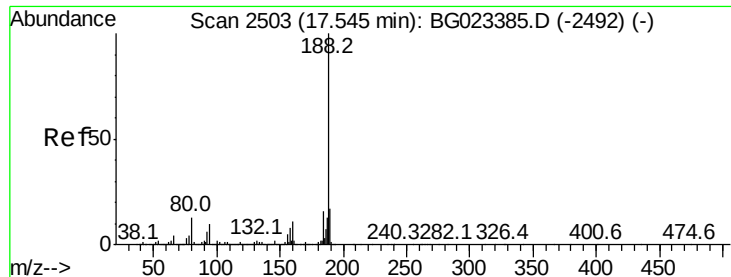
#44
 2-Fluorobiphenyl
 Concen: 96.87 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG023888.D
 Acq: 24 Aug 2016 17:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.4	31.6	47.4
170	27.5	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: 17.53 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BG023888.D

Acq: 24 Aug 2016 17:29

Instrument :

BNA_G

ClientSampleId :

MW-4

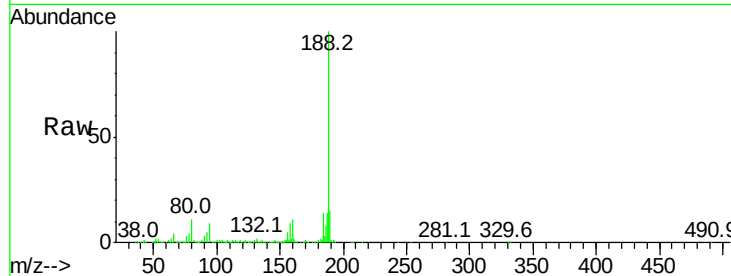
Tot Ion:188 Resp: 717511

Ion Ratio Lower Upper

188 100

94 9.4 5.2 7.8#

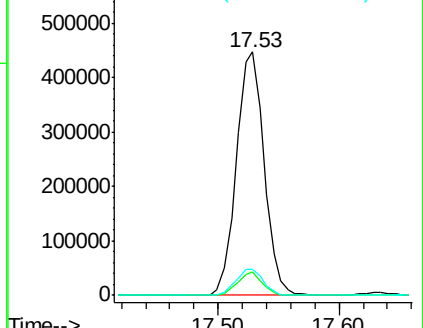
80 10.8 7.2 10.8



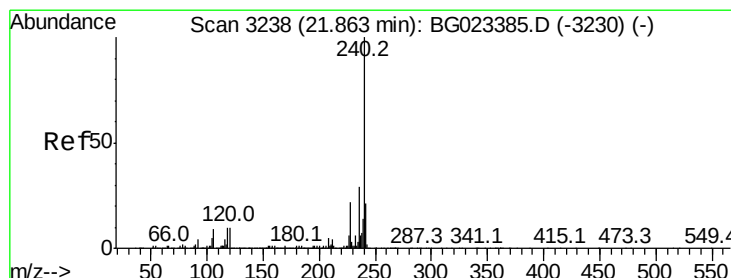
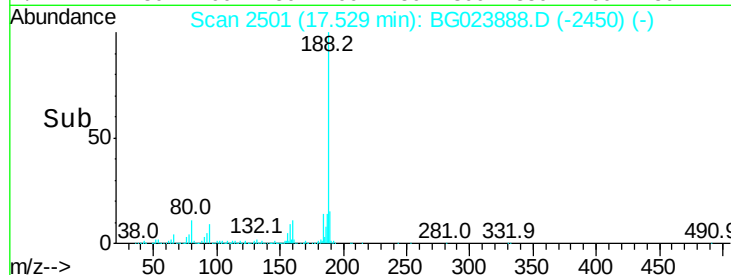
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.01 min

Lab File: BG023888.D

Acq: 24 Aug 2016 17:29

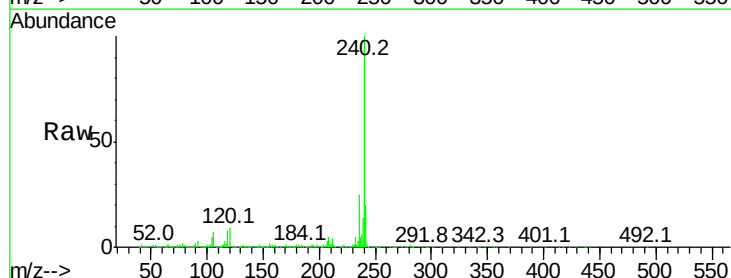
Tgt Ion:240 Resp: 757230

Ion Ratio Lower Upper

240 100

120 8.9 4.1 6.1#

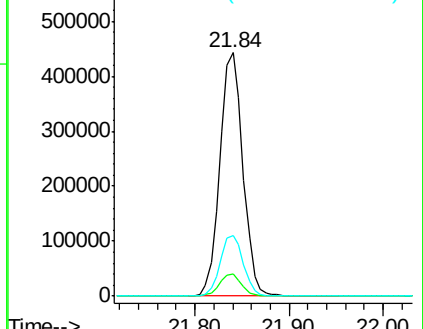
236 25.0 21.1 31.7



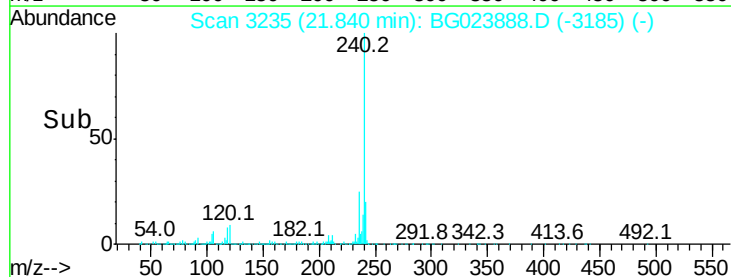
Abundance Ion 240.00 (239.70 to 240.70): E

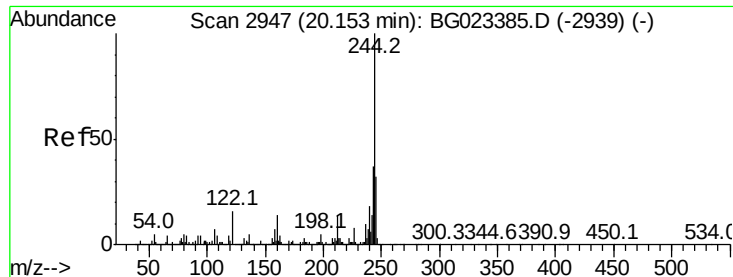
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 95.23 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.00 min

Lab File: BG023888.D

Acq: 24 Aug 2016 17:29

Instrument :

BNA_G

ClientSampleId :

MW-4

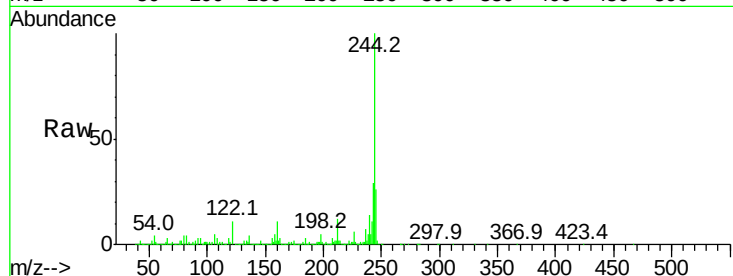
Tot Ion:244 Resp: 2248503

Ion	Ratio	Lower	Upper
244	100		
212	11.7	10.8	16.2
122	11.1	8.0	12.0

244 100

212 11.7 10.8 16.2

122 11.1 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

20.14

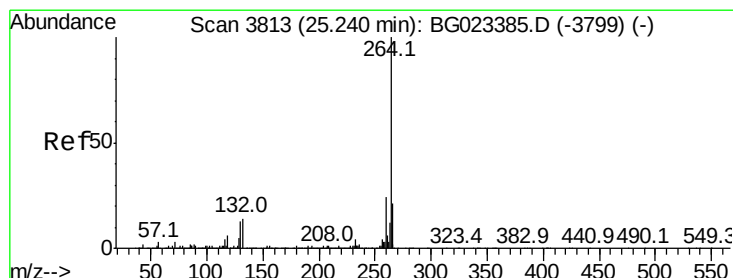
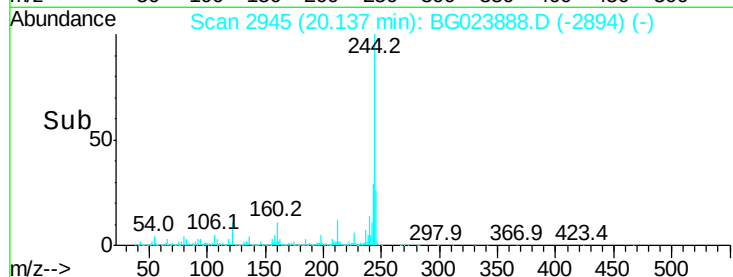
1500000

1000000

500000

0

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3809

Delta R.T. -0.01 min

Lab File: BG023888.D

Acq: 24 Aug 2016 17:29

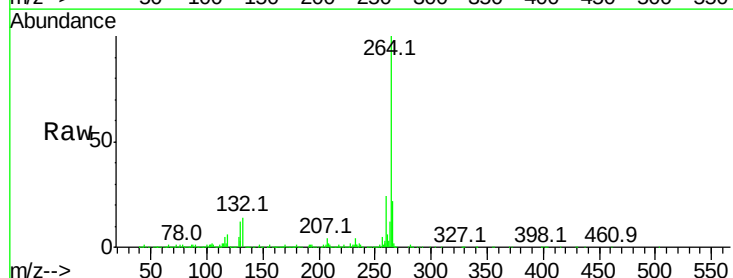
Tgt Ion:264 Resp: 733994

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	22.1	18.9	28.3

264 100

260 23.6 18.4 27.6

265 22.1 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

25.21

300000

250000

200000

150000

100000

50000

0

Time-->

