

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
 Data File : BG017094.D
 Acq On : 12 May 2015 21:46
 Operator : TP/IZ
 Sample : G2196-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KBY-SB-5(5-7)

Quant Time: May 13 04:31:25 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 03:27:55 2015
 Response via : Initial Calibration

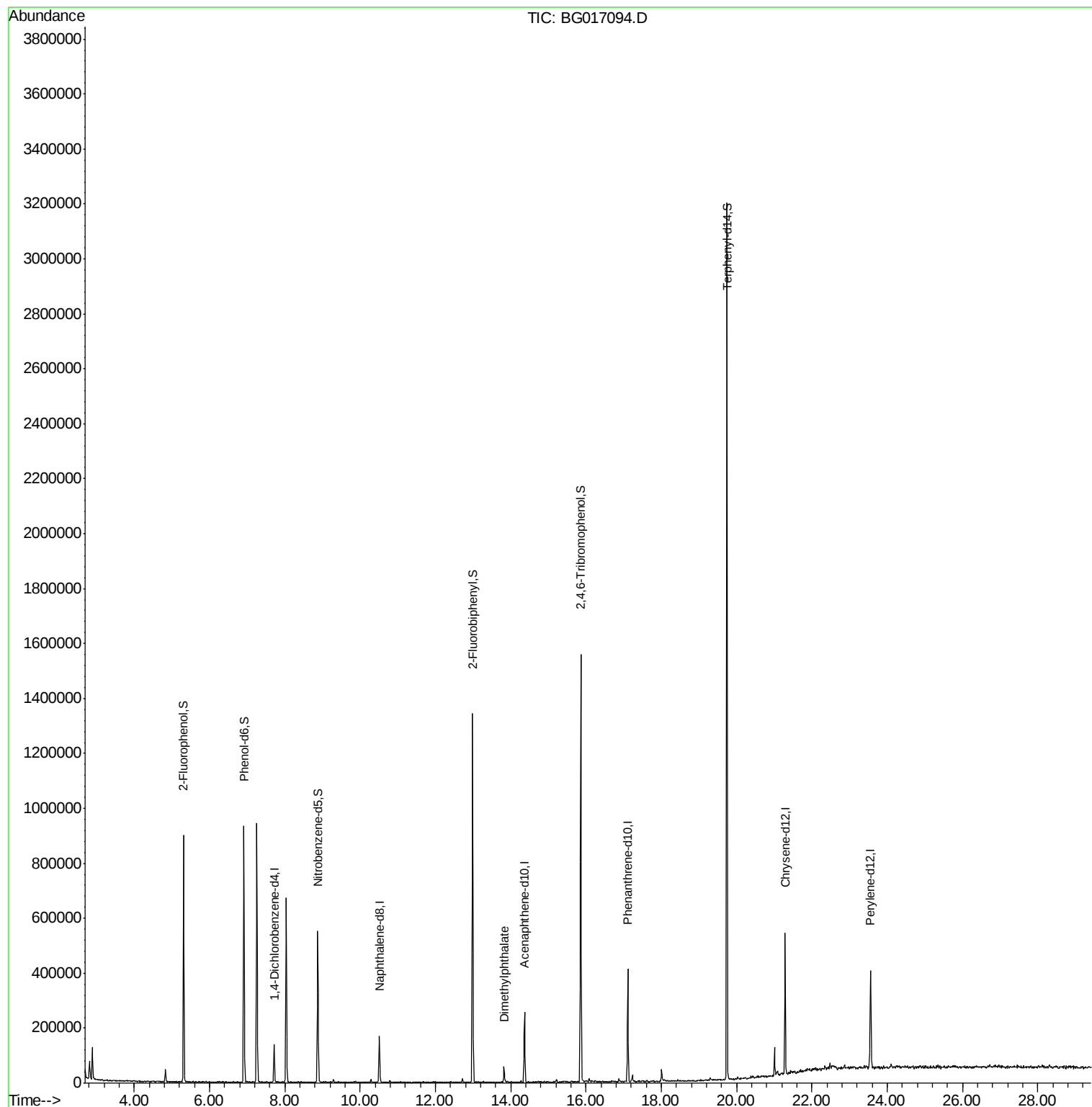
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	30493	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	117257	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	82950	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	202725	20.00	ng	0.00
75) Chrysene-d12	21.30	240	236847	20.00	ng	0.00
86) Perylene-d12	23.56	264	240974	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	285822	163.21	ng	0.00
7) Phenol-d6	6.91	99	366870	146.63	ng	0.00
23) Nitrobenzene-d5	8.88	82	256369	106.81	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	202299	242.93	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	571692	104.00	ng	0.00
78) Terphenyl-d14	19.74	244	1162729	115.08	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.82	163	28888	4.66	ng	Qvalue # 97

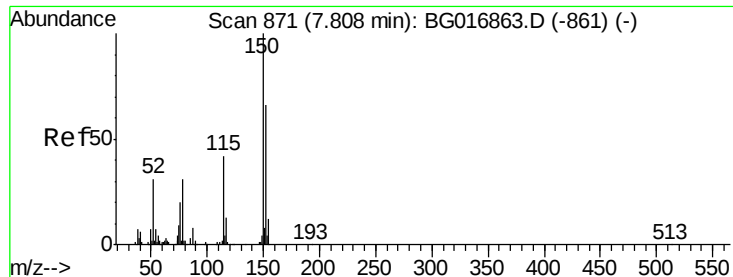
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 856

Delta R.T. 0.01 min

Lab File: BG017094.D

Acq: 12 May 2015 21:46

Instrument :

BNA_G

ClientSampleId :

KBY-SB-5(5-7)

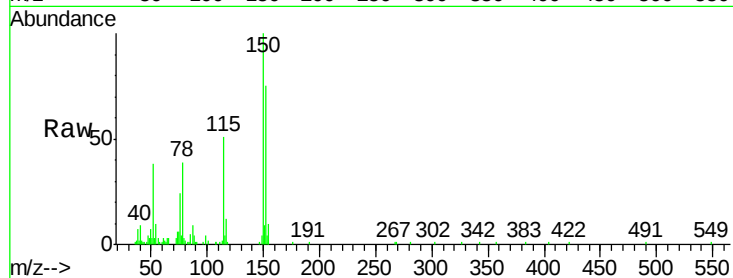
Tot Ion:152 Resp: 30493

Ion Ratio Lower Upper

152 100

150 133.1 121.0 181.4

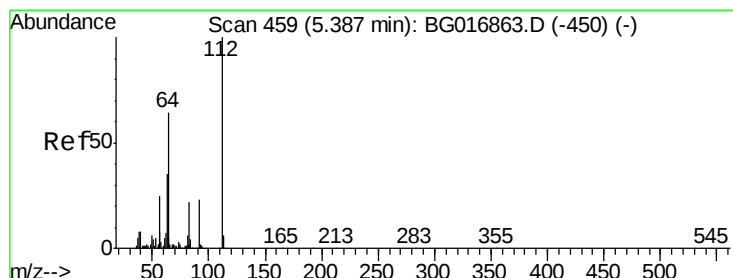
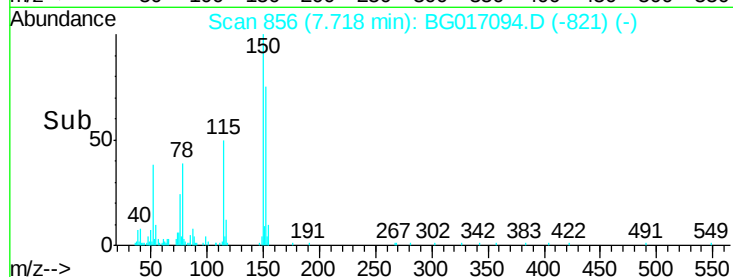
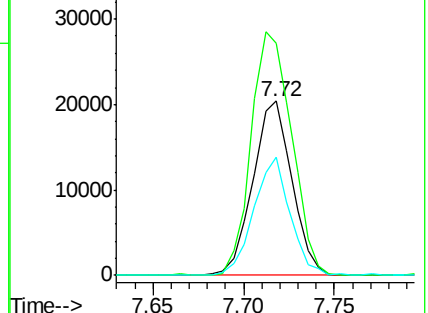
115 67.6 50.5 75.7



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: 163.21 ng

RT: 5.31 min Scan# 446

Delta R.T. -0.00 min

Lab File: BG017094.D

Acq: 12 May 2015 21:46

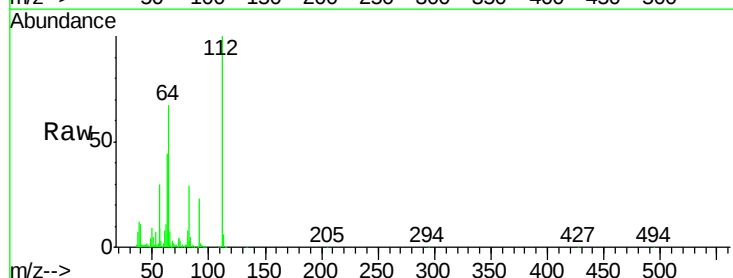
Tgt Ion:112 Resp: 285822

Ion Ratio Lower Upper

112 100

64 66.9 51.4 77.2

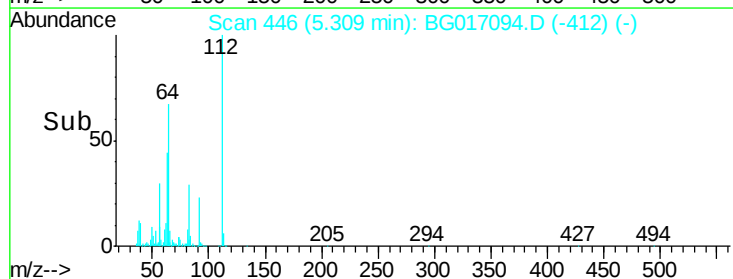
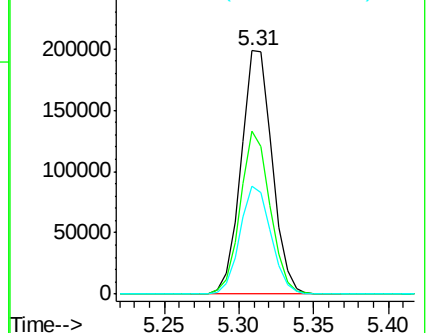
63 44.4 28.1 42.1#

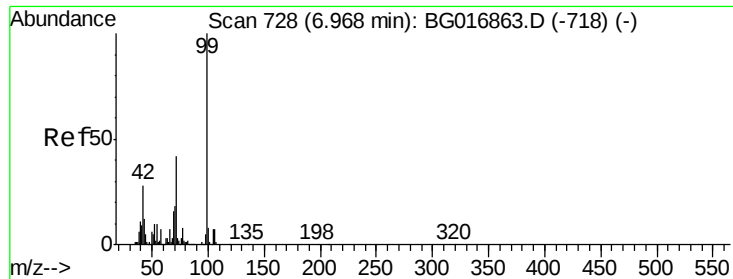


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 146.63 ng

RT: 6.91 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG017094.D

Acq: 12 May 2015 21:46

Instrument :

BNA_G

ClientSampleId :

KBY-SB-5(5-7)

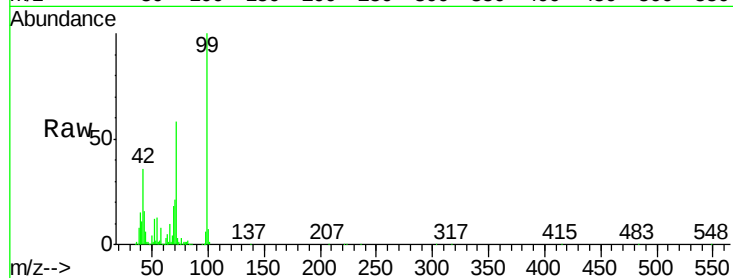
Tot Ion: 99 Resp: 366870

Ion Ratio Lower Upper

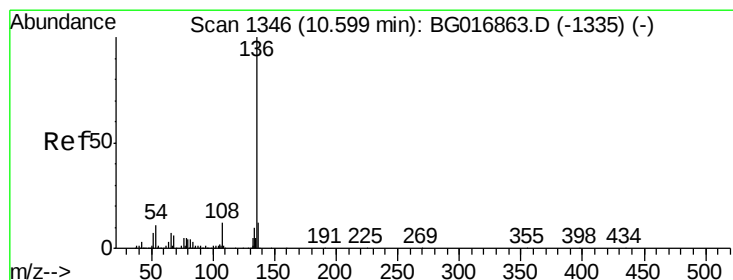
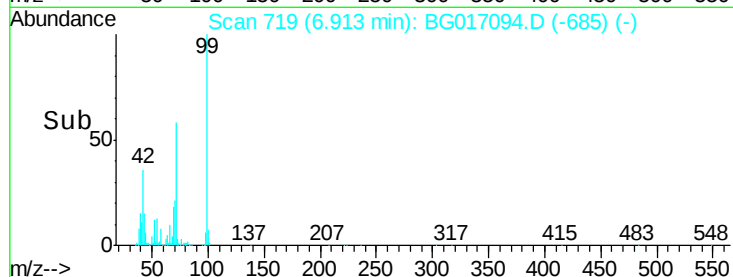
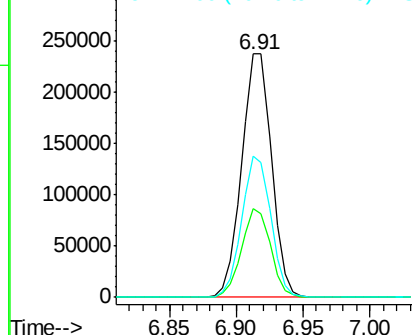
99 100

42 36.4 22.1 33.1#

71 58.2 33.4 50.0#



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: 10.51 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BG017094.D

Acq: 12 May 2015 21:46

Tgt Ion: 136 Resp: 117257

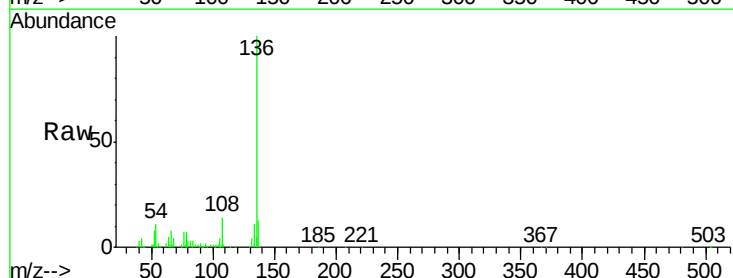
Ion Ratio Lower Upper

136 100

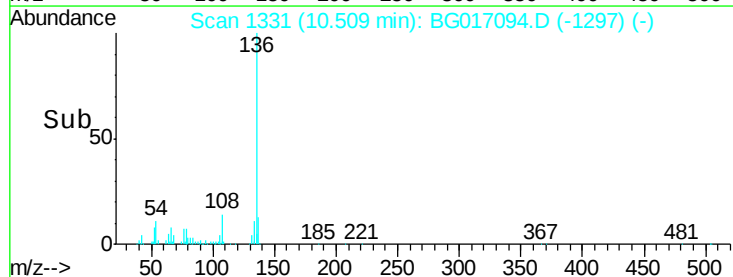
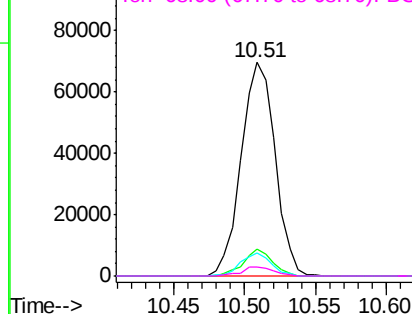
137 12.8 9.8 14.8

54 10.9 8.7 13.1

68 4.4 5.0 7.4#



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

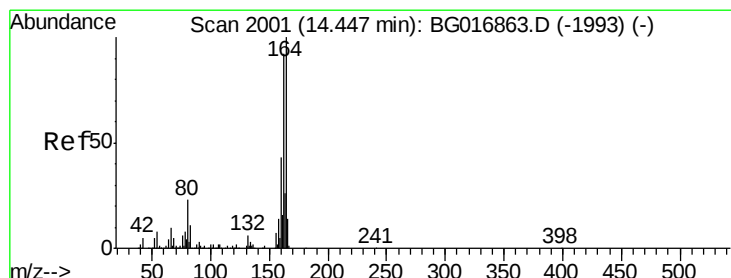
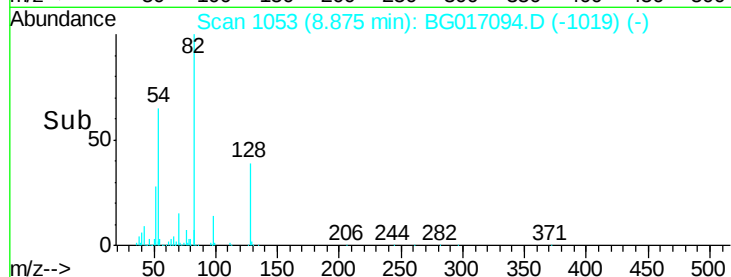
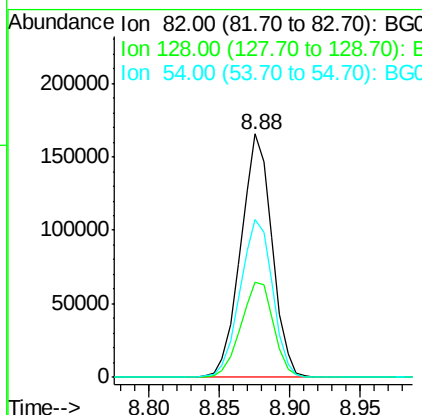
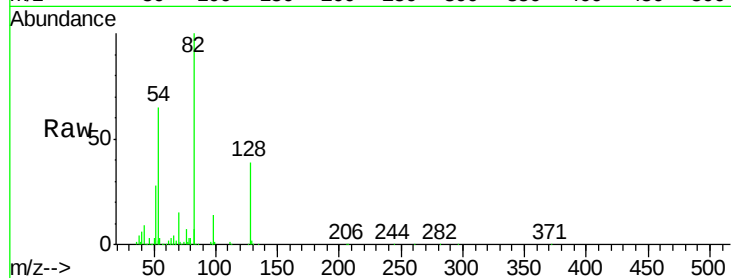




#23
 Nitrobenzene-d5
 Concen: 106.81 ng
 RT: 8.88 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BG017094.D
 Acq: 12 May 2015 21:46

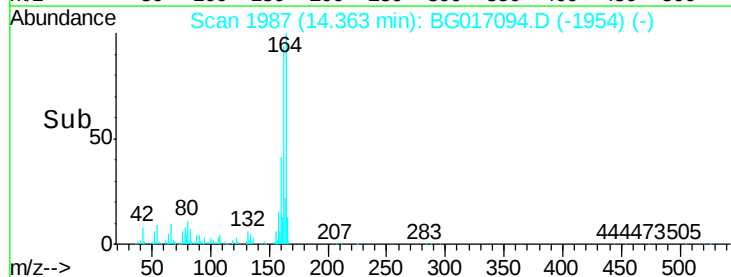
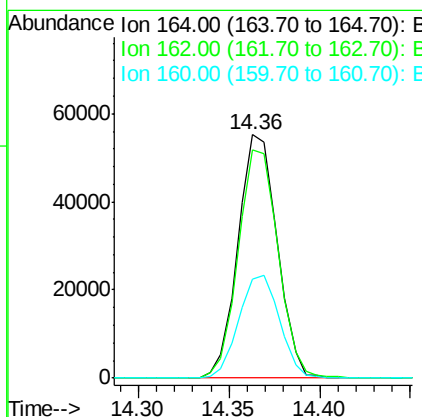
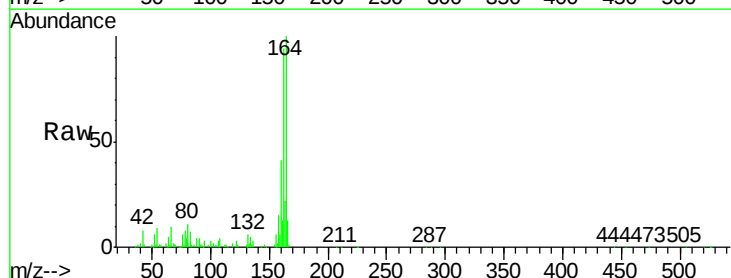
Instrument :
 BNA_G
 ClientSampleId :
 KBY-SB-5(5-7)

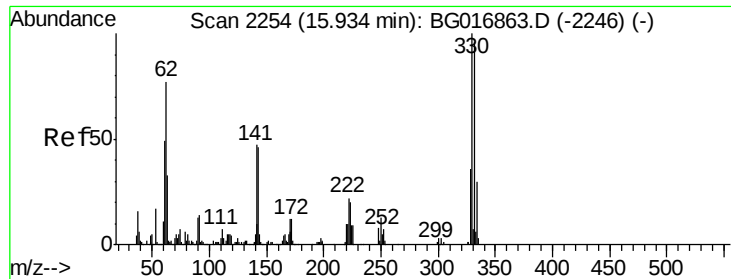
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.9	33.2	49.8
54	64.6	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BG017094.D
 Acq: 12 May 2015 21:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.9	74.0	111.0
160	40.6	34.7	52.1

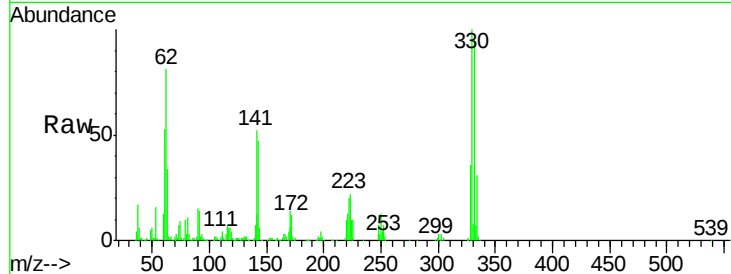




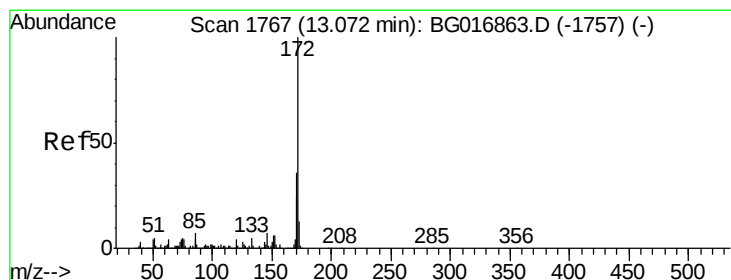
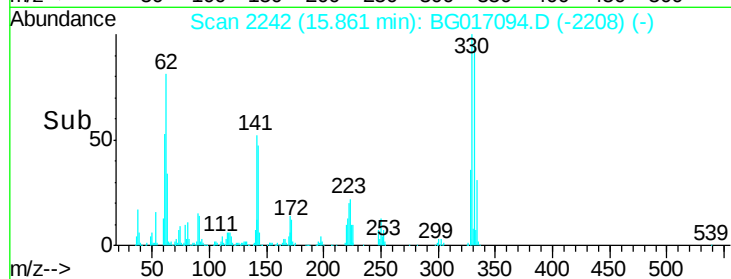
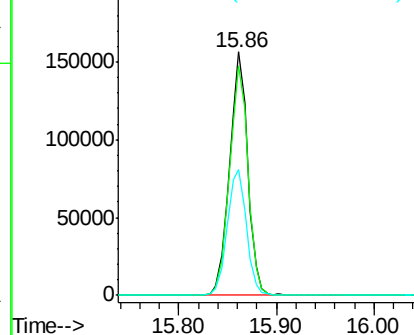
#41
 2,4,6-Tribromophenol
 Concen: 242.93 ng
 RT: 15.86 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BG017094.D
 Acq: 12 May 2015 21:46

Instrument :
 BNA_G
 ClientSampleId :
 KBY-SB-5(5-7)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	53.8	0.0	0.0#

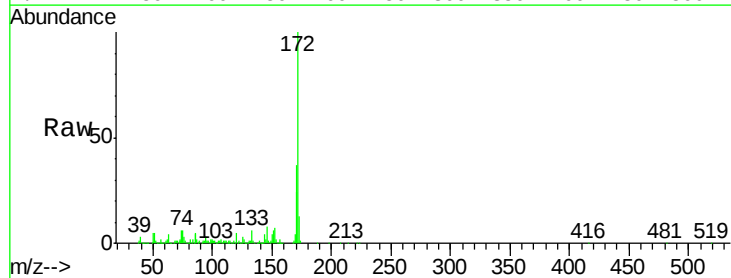


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

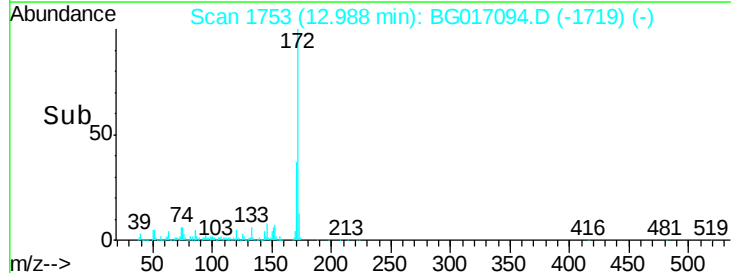
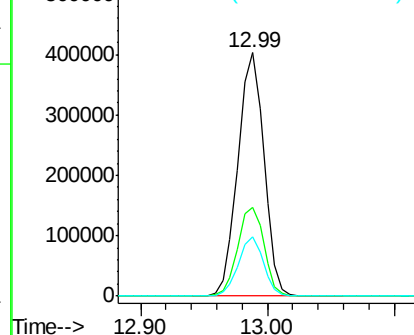


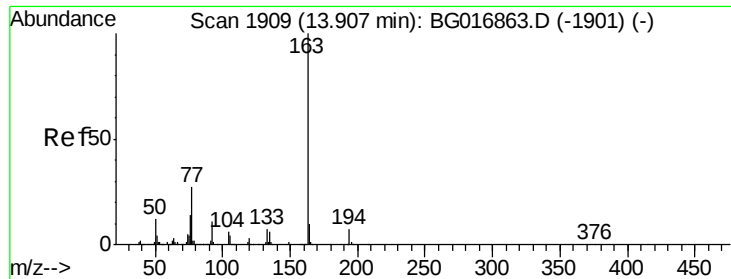
#44
 2-Fluorobiphenyl
 Concen: 104.00 ng
 RT: 12.99 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG017094.D
 Acq: 12 May 2015 21:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.4
170	24.5	19.0	28.4



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





#49

Dimethylphthalate

Concen: 4.66 ng

RT: 13.82 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BG017094.D

Acq: 12 May 2015 21:46

Instrument :

BNA_G

ClientSampleId :

KBY-SB-5(5-7)

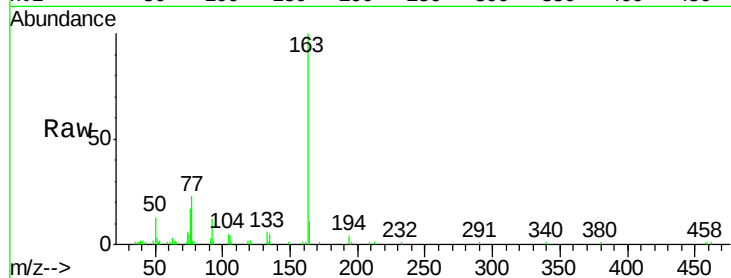
Tot Ion:163 Resp: 28888

Ion Ratio Lower Upper

163 100

194 4.0 5.2 7.8#

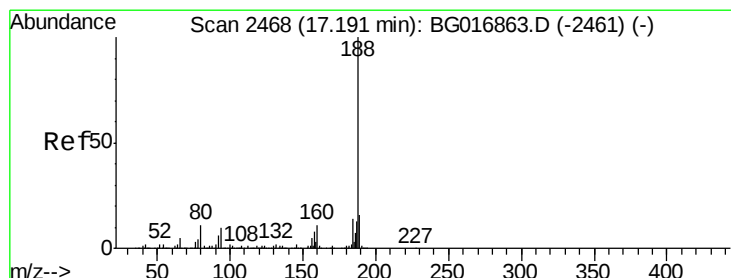
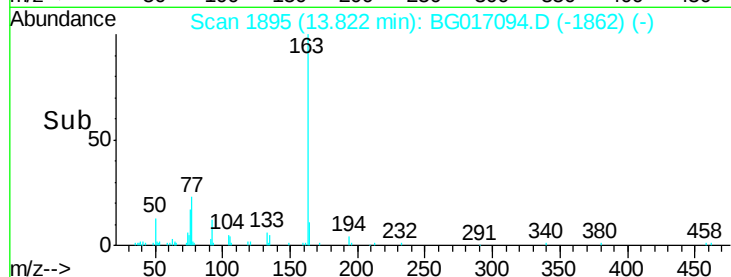
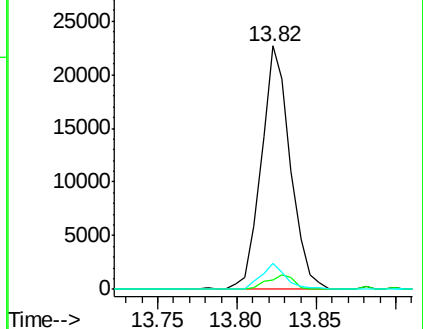
164 10.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BG017094.D

Acq: 12 May 2015 21:46

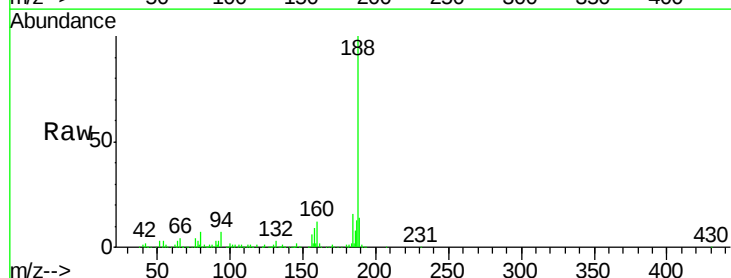
Tgt Ion:188 Resp: 202725

Ion Ratio Lower Upper

188 100

94 6.8 8.2 12.4#

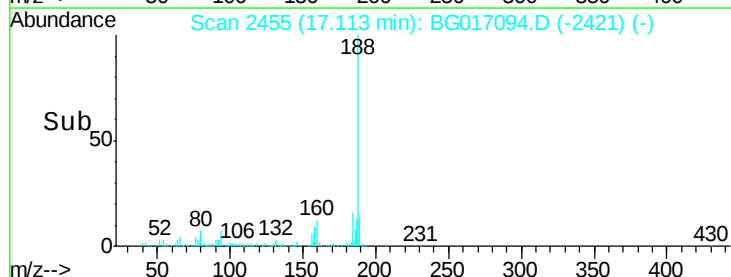
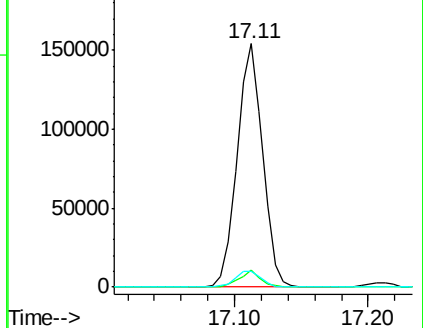
80 6.6 8.8 13.2#

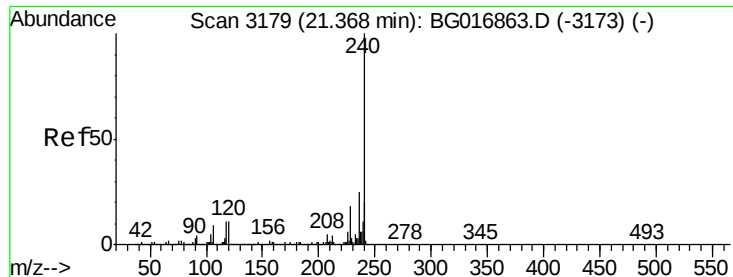


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.30 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG017094.D

Acq: 12 May 2015 21:46

Instrument :

BNA_G

ClientSampleId :

KBY-SB-5(5-7)

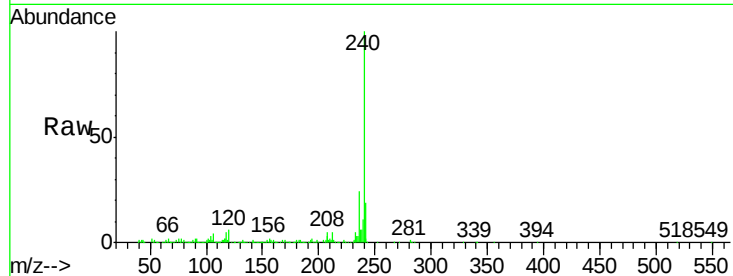
Tot Ion:240 Resp: 236847

Ion Ratio Lower Upper

240 100

120 6.4 9.1 13.7#

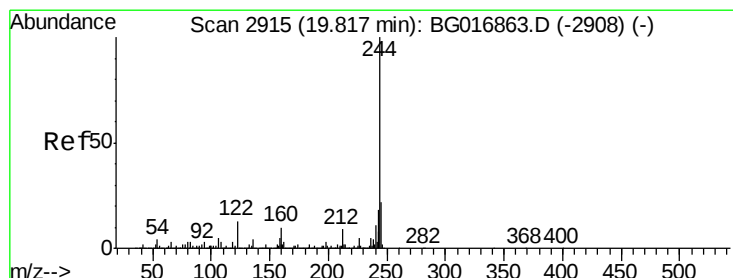
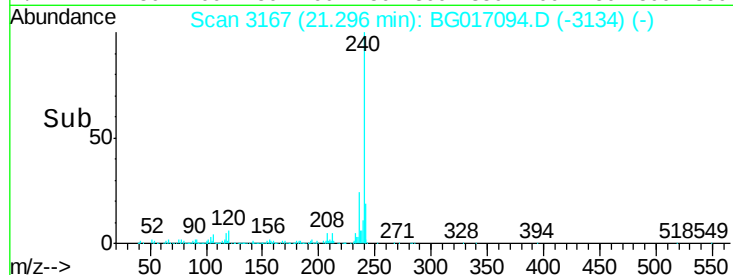
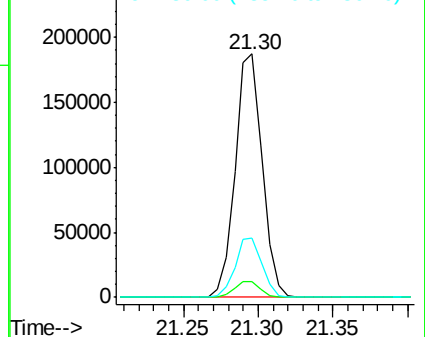
236 24.3 20.2 30.4



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: 115.08 ng

RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG017094.D

Acq: 12 May 2015 21:46

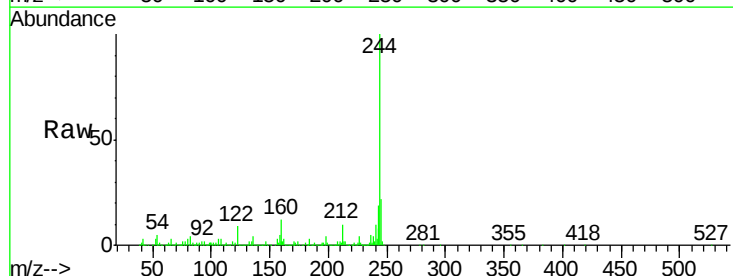
Tgt Ion:244 Resp: 1162729

Ion Ratio Lower Upper

244 100

212 9.8 7.0 10.6

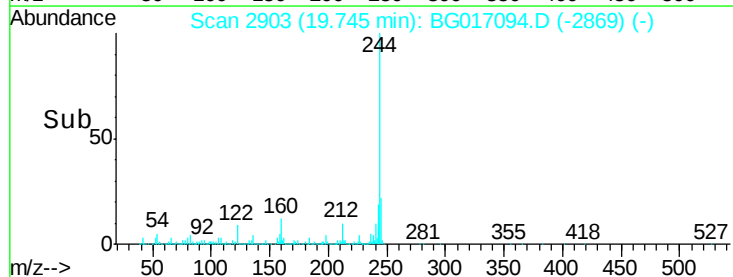
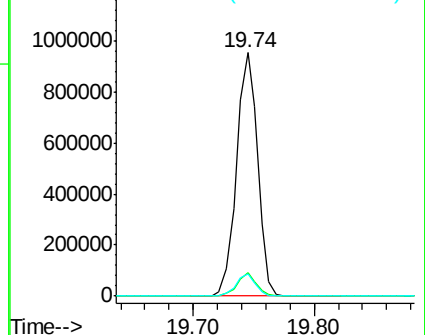
122 9.0 10.4 15.6#

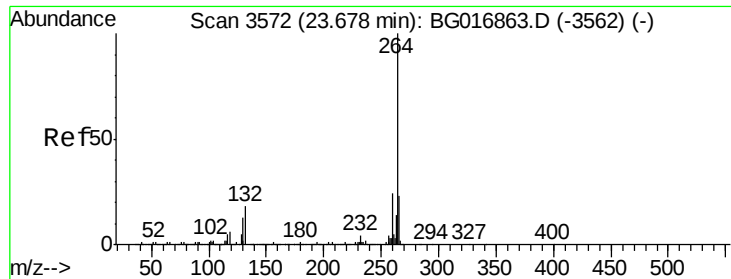


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

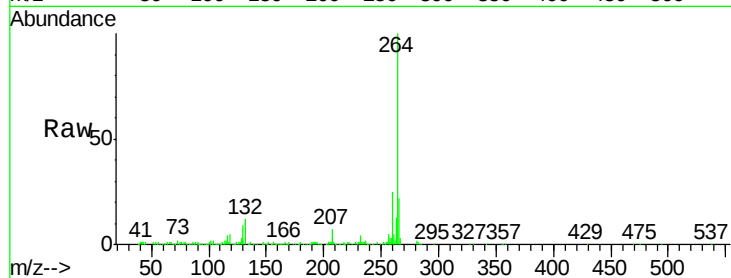




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.56 min Scan# 3552
 Delta R.T. -0.01 min
 Lab File: BG017094.D
 Acq: 12 May 2015 21:46

Instrument :
 BNA_G
 ClientSampleId :
 KBY-SB-5(5-7)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.5	29.3
265	22.0	18.5	27.7



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

