

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041615\
 Data File : BG016471.D
 Acq On : 17 Apr 2015 00:18
 Operator : TP/IZ
 Sample : G1870-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELDS-SS-1

Quant Time: Apr 17 04:16:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 03:57:14 2015
 Response via : Initial Calibration

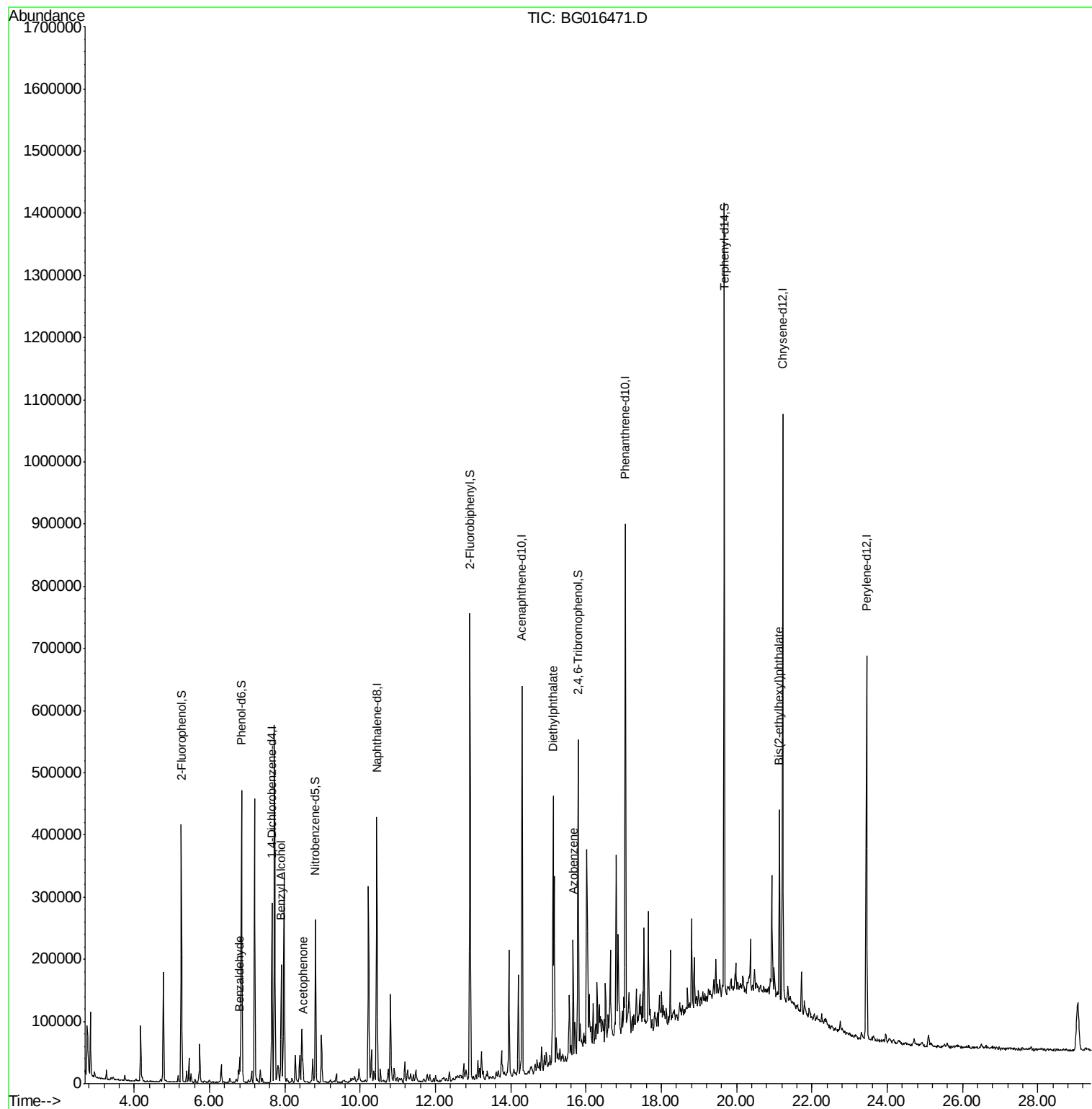
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	79457	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	350632	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	207630	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	431929	20.00	ng	0.00
75) Chrysene-d12	21.23	240	376987	20.00	ng	0.00
86) Perylene-d12	23.45	264	362010	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	197614	39.25	ng	0.00
7) Phenol-d6	6.85	99	302051	39.96	ng	0.00
23) Nitrobenzene-d5	8.82	82	154077	25.46	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	70591	50.27	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	378987	31.08	ng	0.00
78) Terphenyl-d14	19.68	244	488547	30.33	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.80	77	14991	3.39	ng	95
15) Benzyl Alcohol	7.91	79	63361	12.03	ng	98
22) Acetophenone	8.48	105	18232	2.24	ng	# 98
59) Diethylphthalate	15.13	149	228195	14.09	ng	99
62) Azobenzene	15.66	77	42514	2.47	ng	# 1
83) Bis(2-ethylhexyl)phthalate	21.14	149	106051	6.07	ng	99

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

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG016471.D

Acq: 17 Apr 2015 00:18

Instrument :

BNA_G

ClientSampleId :

BALLFIELDS-SS-1

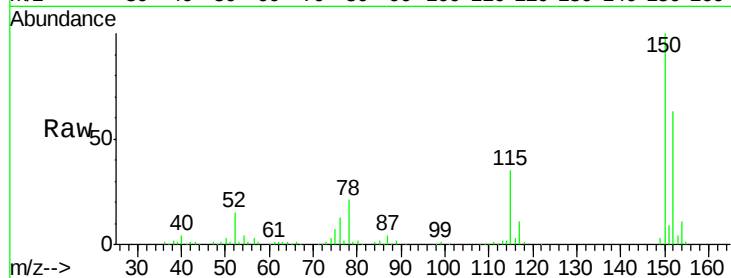
Tgt Ion:152 Resp: 79457

Ion Ratio Lower Upper

152 100

150 158.6 130.1 195.1

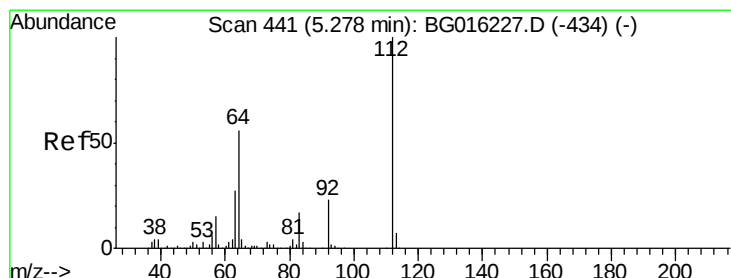
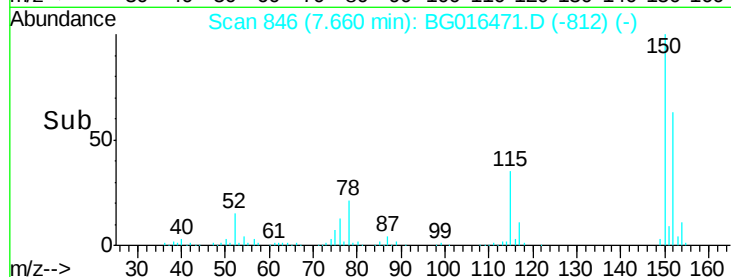
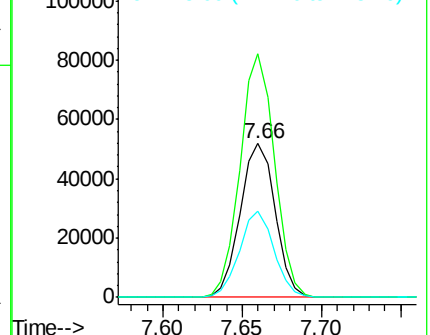
115 56.1 50.5 75.7



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: 39.25 ng

RT: 5.25 min Scan# 436

Delta R.T. 0.00 min

Lab File: BG016471.D

Acq: 17 Apr 2015 00:18

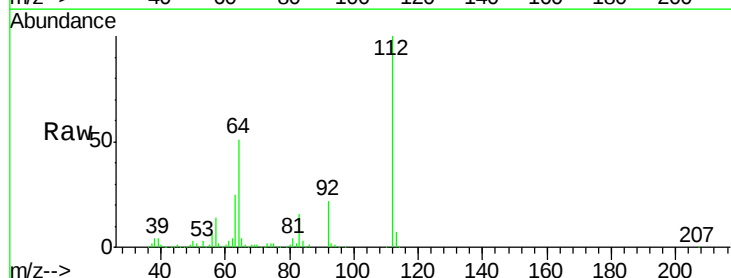
Tgt Ion:112 Resp: 197614

Ion Ratio Lower Upper

112 100

64 51.3 44.5 66.7

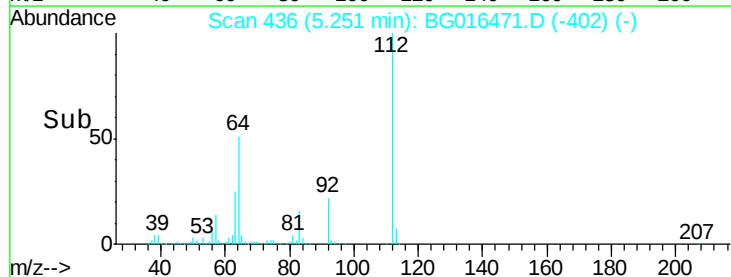
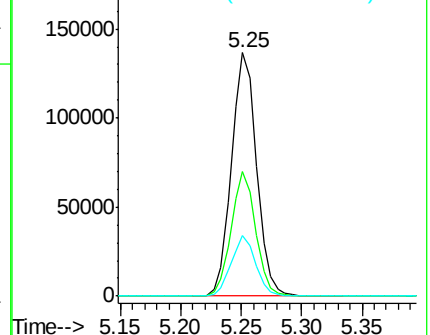
63 24.7 21.4 32.0



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: 39.96 ng

RT: 6.85 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG016471.D

Acq: 17 Apr 2015 00:18

Instrument :

BNA_G

ClientSampleId :

BALLFIELDS-SS-1

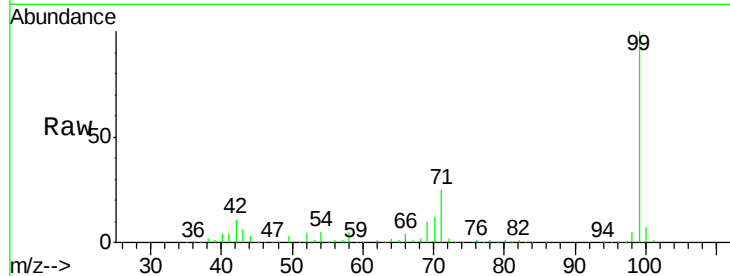
Tgt Ion: 99 Resp: 302051

Ion Ratio Lower Upper

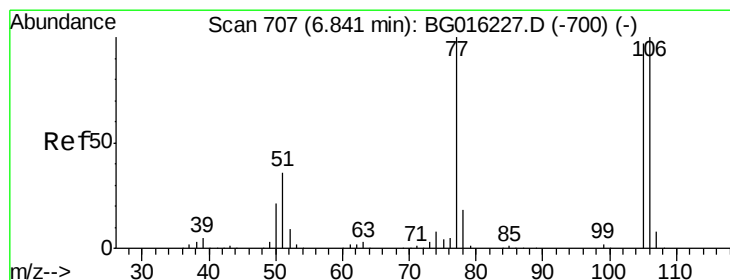
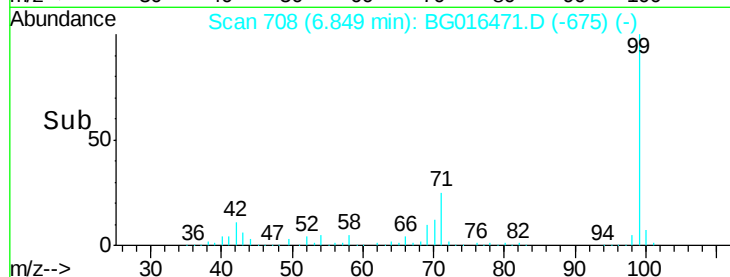
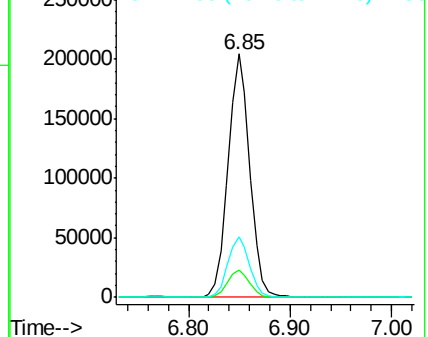
99 100

42 11.4 10.0 15.0

71 24.9 21.5 32.3



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



#9

Benzaldehyde

Concen: 3.39 ng

RT: 6.80 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG016471.D

Acq: 17 Apr 2015 00:18

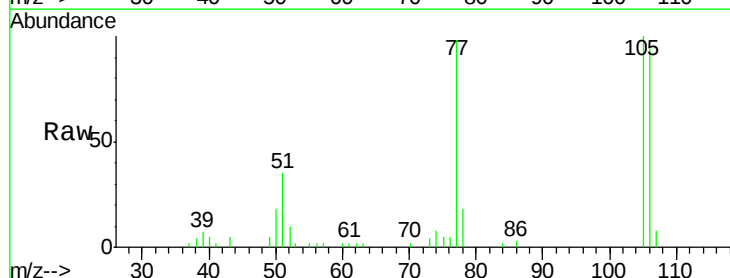
Tgt Ion: 77 Resp: 14991

Ion Ratio Lower Upper

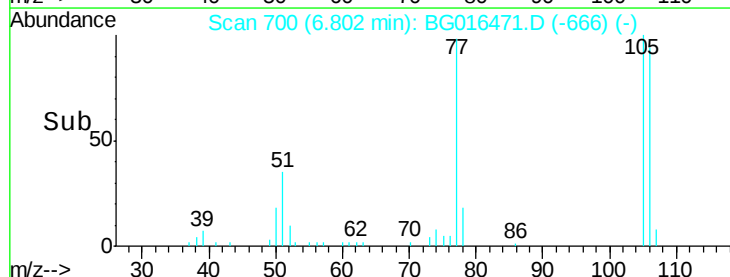
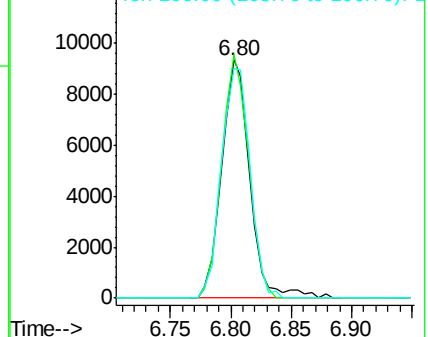
77 100

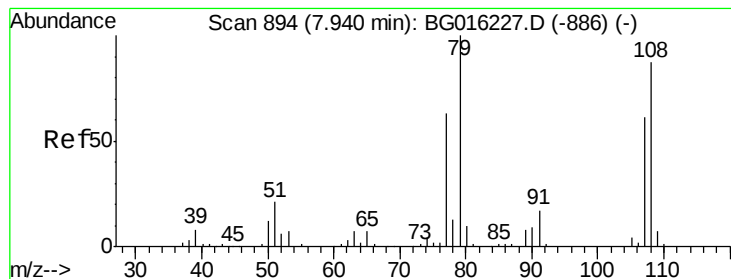
105 102.2 76.8 116.8

106 96.3 80.1 120.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#15

Benzyl Alcohol

Concen: 12.03 ng

RT: 7.91 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG016471.D

Acq: 17 Apr 2015 00:18

Instrument :

BNA_G

ClientSampleId :

BALLFIELDS-SS-1

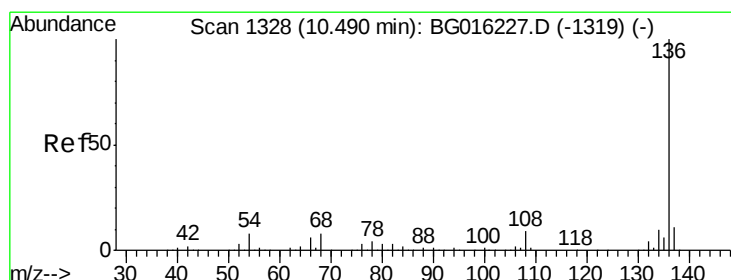
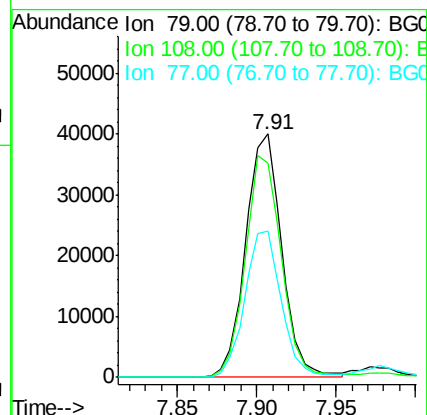
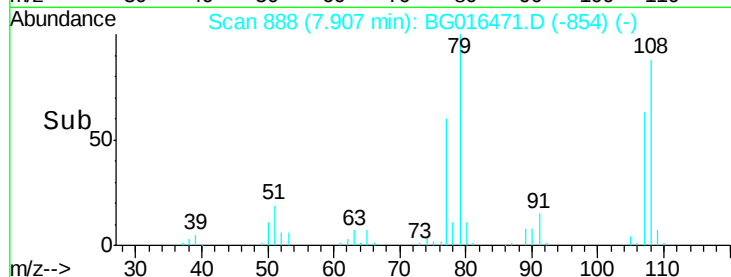
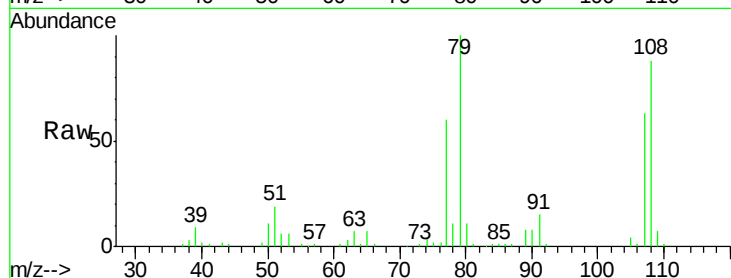
Tgt Ion: 79 Resp: 63361

Ion Ratio Lower Upper

79 100

108 88.1 69.3 103.9

77 60.1 50.3 75.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.44 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BG016471.D

Acq: 17 Apr 2015 00:18

Tgt Ion: 136 Resp: 350632

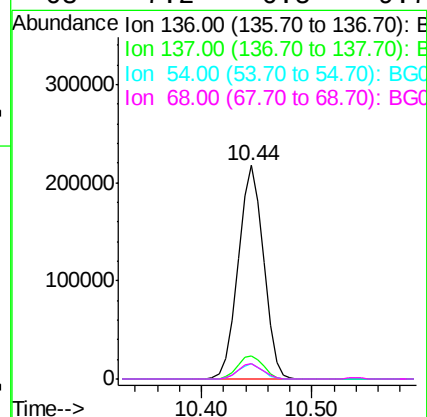
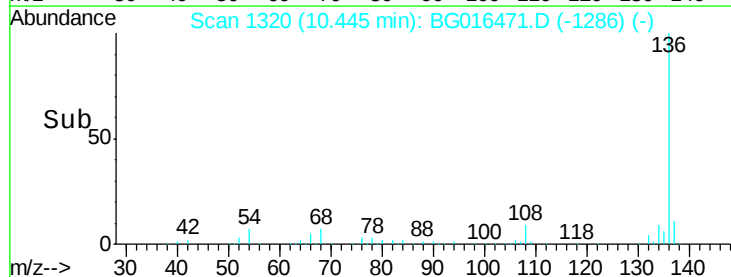
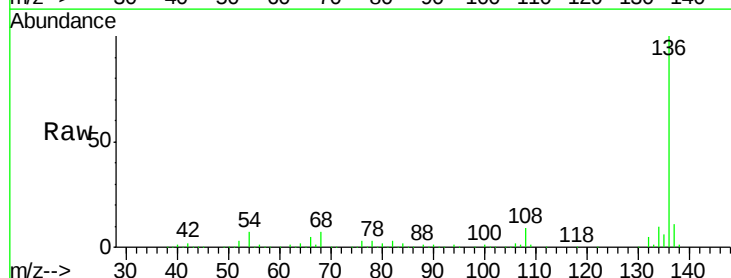
Ion Ratio Lower Upper

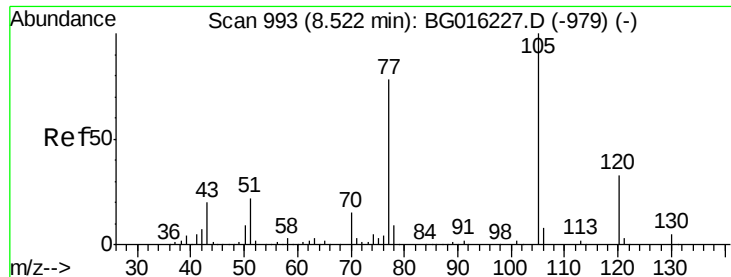
136 100

137 11.0 8.7 13.1

54 7.0 6.3 9.5

68 7.2 6.5 9.7





#22

Acetophenone

Concen: 2.24 ng

RT: 8.48 min Scan# 985

Delta R.T. -0.01 min

Lab File: BG016471.D

Acq: 17 Apr 2015 00:18

Instrument :

BNA_G

ClientSampleId :

BALLFIELDS-SS-1

Tgt Ion: 105 Resp: 18232

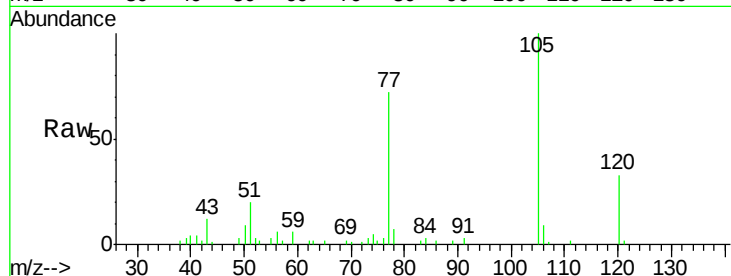
Ion Ratio Lower Upper

105 100

71 0.0 2.0 3.0#

51 20.1 17.9 26.9

120 32.6 26.3 39.5

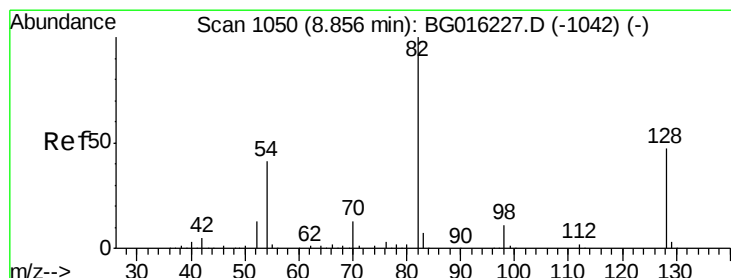
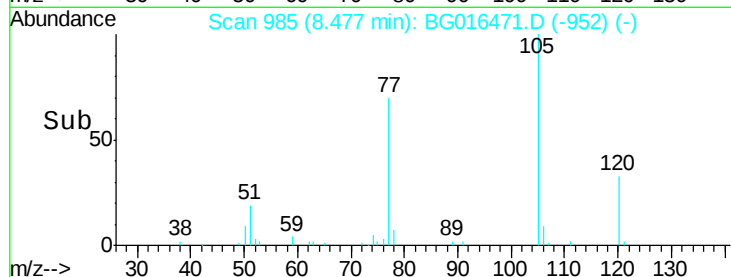
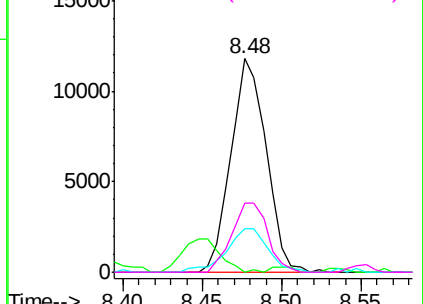


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 25.46 ng

RT: 8.82 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BG016471.D

Acq: 17 Apr 2015 00:18

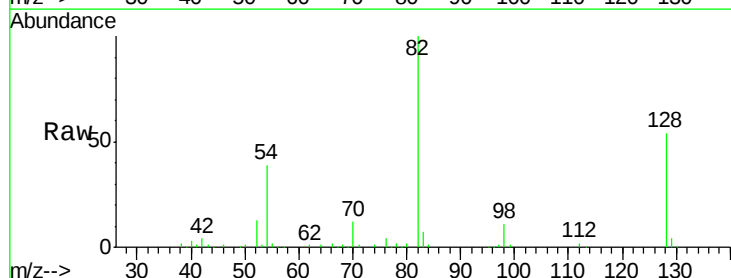
Tgt Ion: 82 Resp: 154077

Ion Ratio Lower Upper

82 100

128 54.3 37.8 56.8

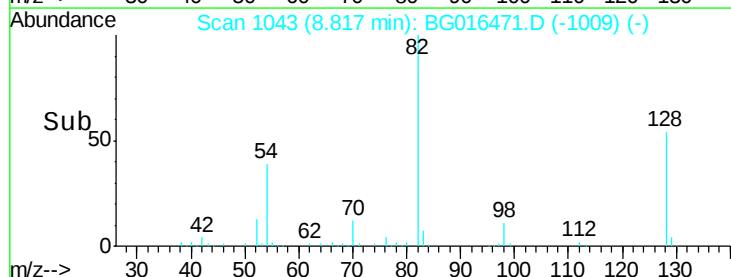
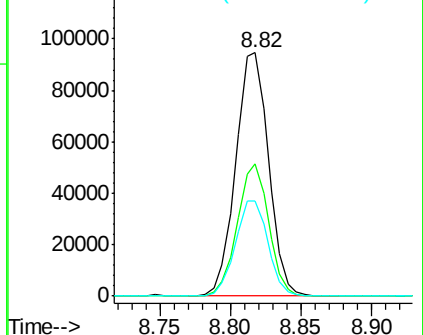
54 39.1 32.6 49.0

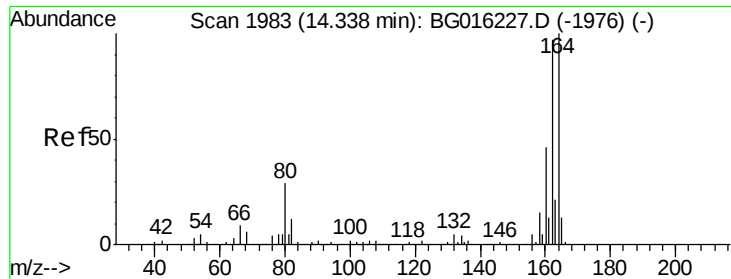


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.30 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG016471.D

Acq: 17 Apr 2015 00:18

Instrument :

BNA_G

ClientSampleId :

BALLFIELDS-SS-1

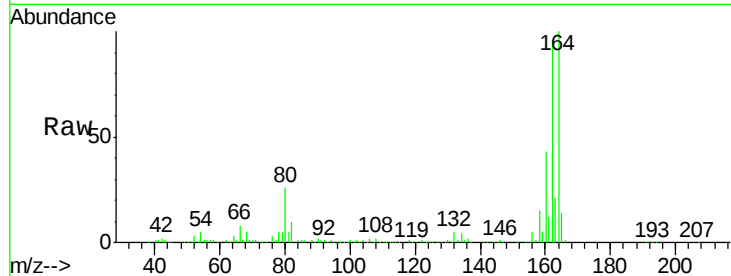
Tgt Ion:164 Resp: 207630

Ion Ratio Lower Upper

164 100

162 95.9 77.3 115.9

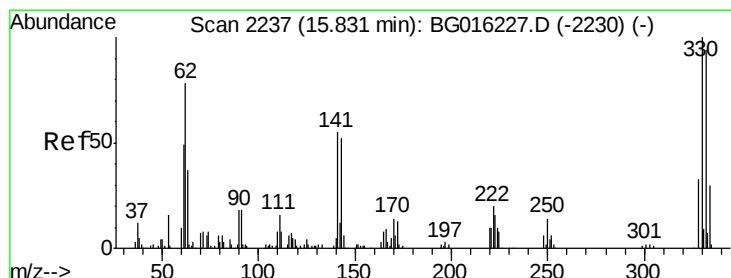
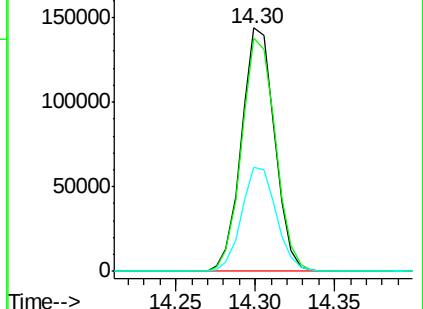
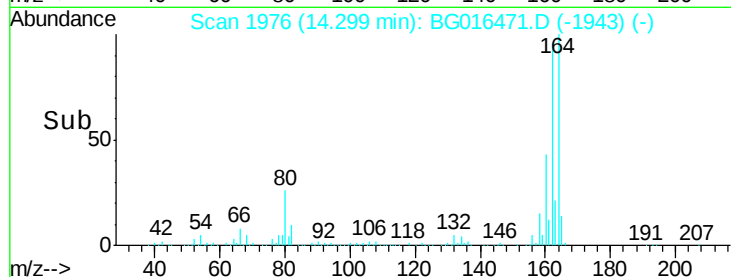
160 43.0 36.7 55.1



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: 50.27 ng

RT: 15.80 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BG016471.D

Acq: 17 Apr 2015 00:18

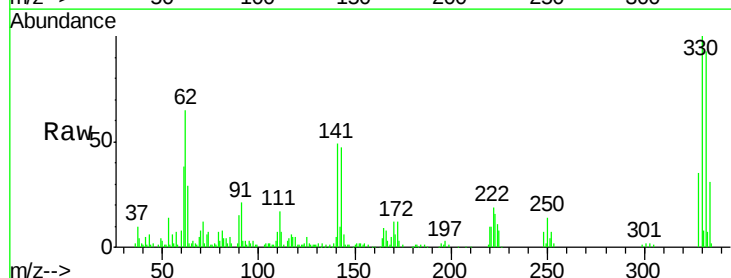
Tgt Ion:330 Resp: 70591

Ion Ratio Lower Upper

330 100

332 94.9 75.8 113.6

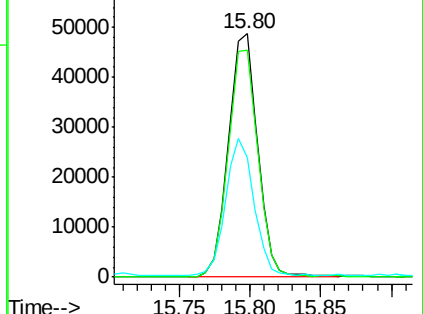
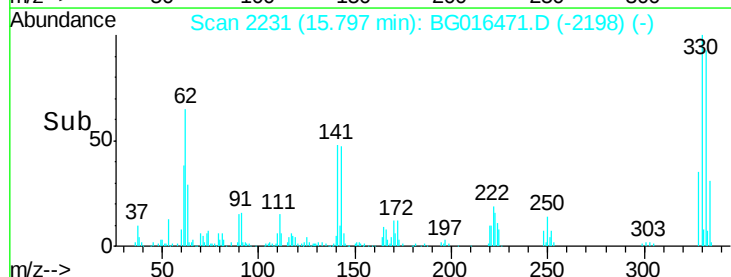
141 54.9 46.6 69.8

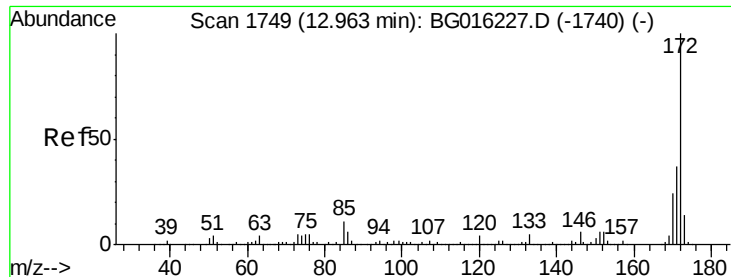


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

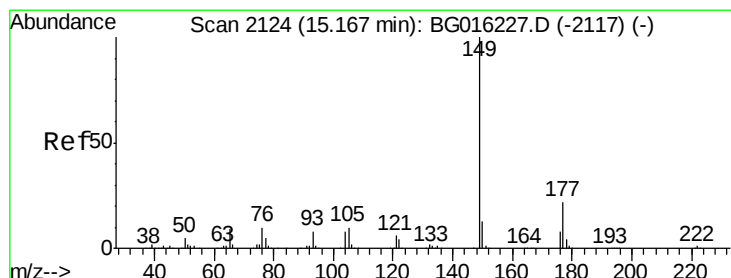
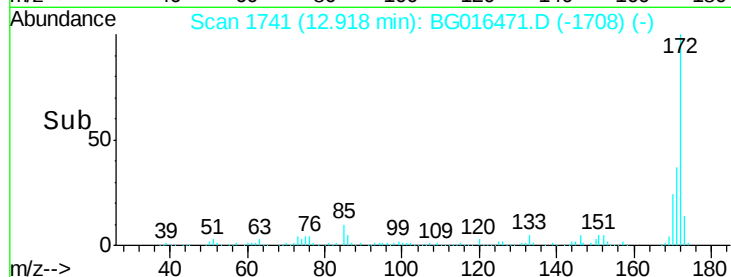
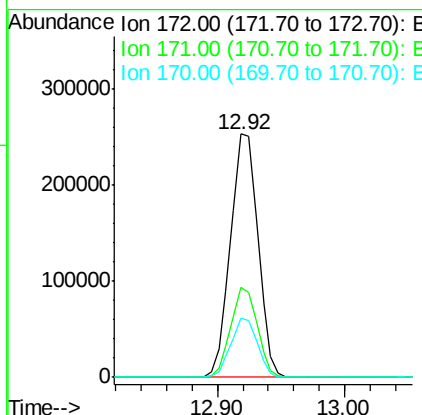
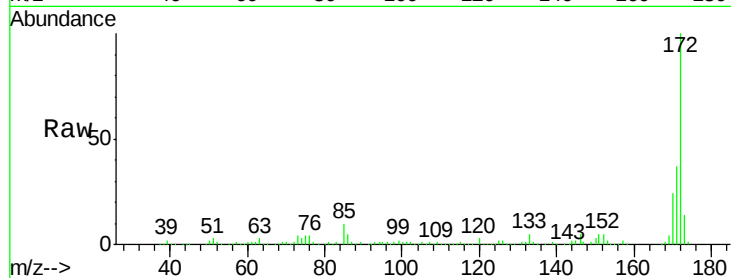




#44
 2-Fluorobiphenyl
 Concen: 31.08 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG016471.D
 Acq: 17 Apr 2015 00:18

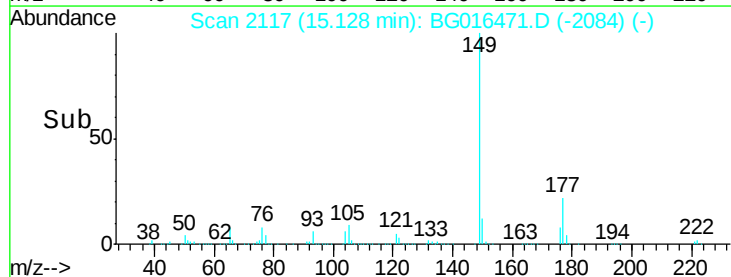
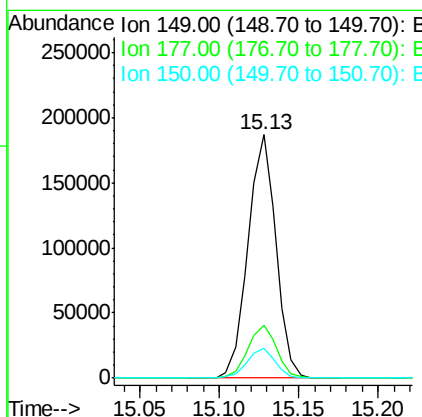
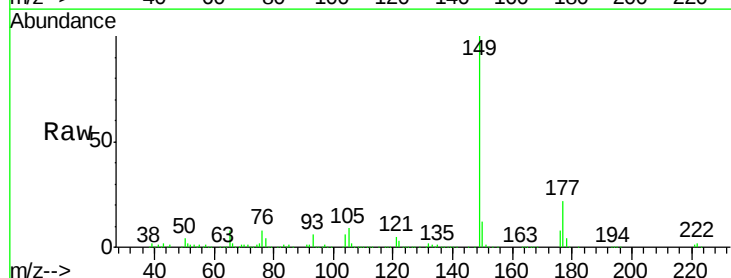
Instrument :
 BNA_G
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 BALLFIELDS-SS-1

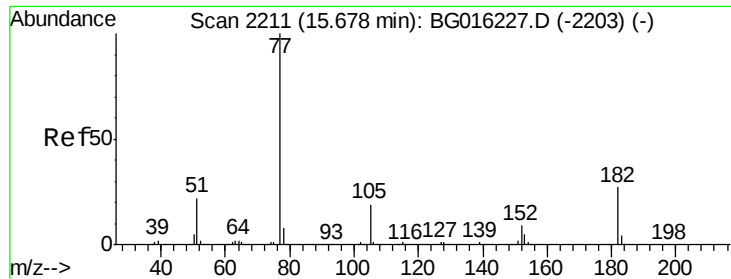
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.2	19.4	29.2



#59
 Diethylphthalate
 Concen: 14.09 ng
 RT: 15.13 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BG016471.D
 Acq: 17 Apr 2015 00:18

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.7	26.5
150	12.3	10.0	15.0





#62

Azobenzene

Concen: 2.47 ng

RT: 15.66 min Scan# 2208

Delta R.T. 0.02 min

Lab File: BG016471.D

Acq: 17 Apr 2015 00:18

Instrument :

BNA_G

ClientSampleId :

BALLFIELDS-SS-1

Tgt Ion: 77 Resp: 42514

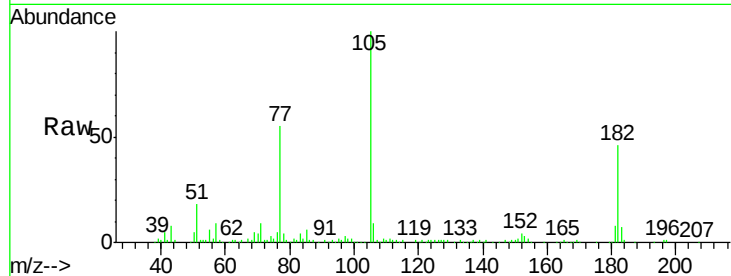
Ion Ratio Lower Upper

77 100

182 83.8 6.6 46.6#

105 182.1 0.0 39.2#

51 32.2 2.0 42.0



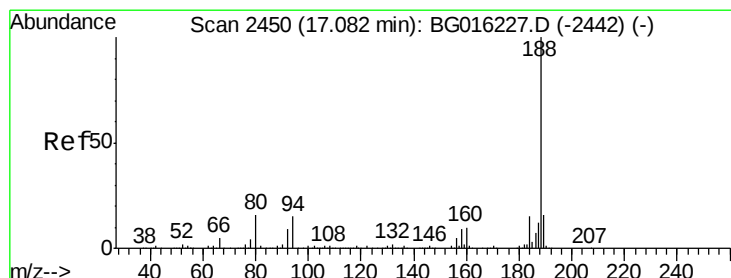
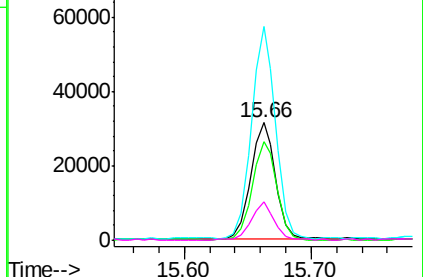
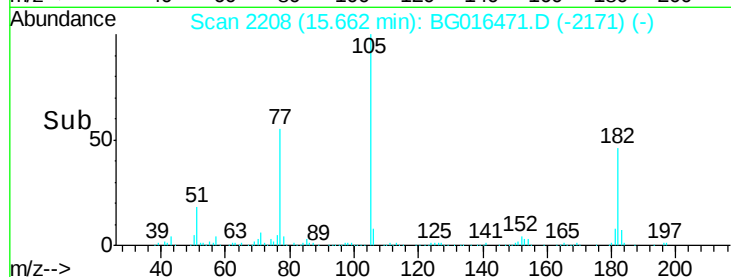
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.04 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BG016471.D

Acq: 17 Apr 2015 00:18

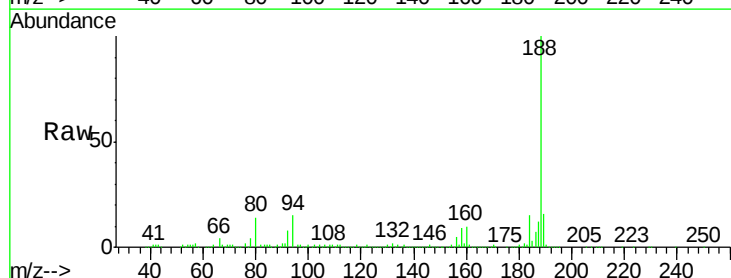
Tgt Ion: 188 Resp: 431929

Ion Ratio Lower Upper

188 100

94 14.5 12.2 18.4

80 14.3 12.8 19.2

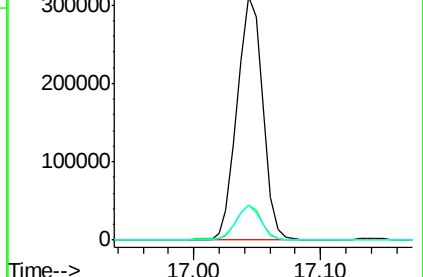
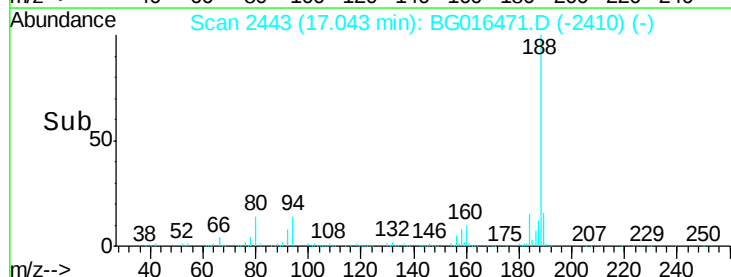


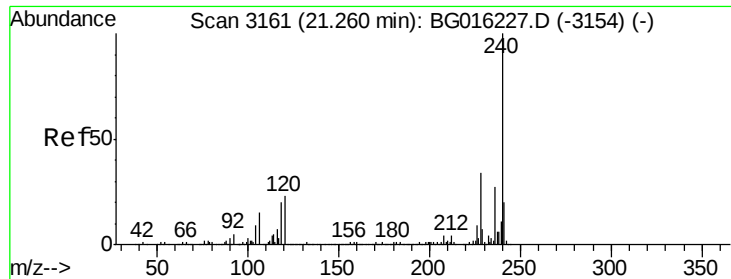
Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 21.23 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG016471.D

Acq: 17 Apr 2015 00:18

Instrument :

BNA_G

ClientSampleId :

BALLFIELDS-SS-1

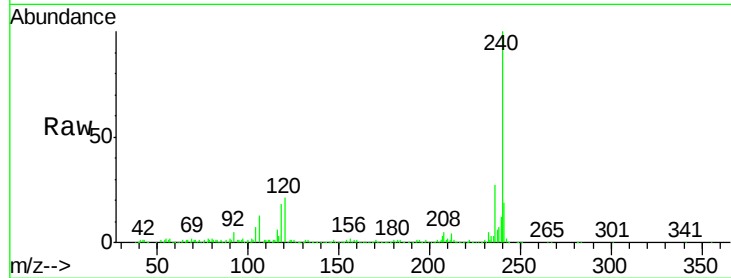
Tgt Ion:240 Resp: 376987

Ion Ratio Lower Upper

240 100

120 20.8 18.6 28.0

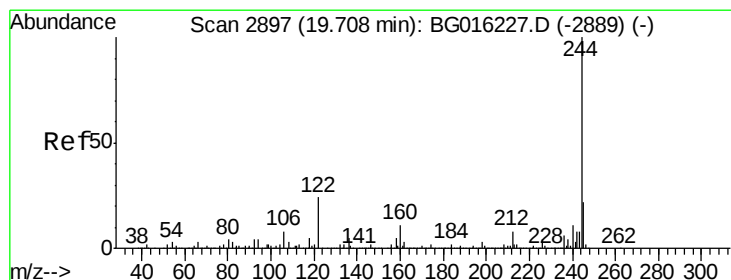
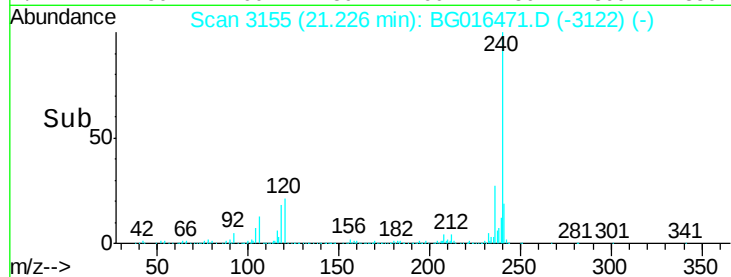
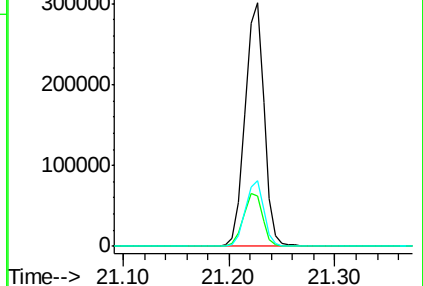
236 27.2 21.7 32.5



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: 30.33 ng

RT: 19.68 min Scan# 2891

Delta R.T. -0.01 min

Lab File: BG016471.D

Acq: 17 Apr 2015 00:18

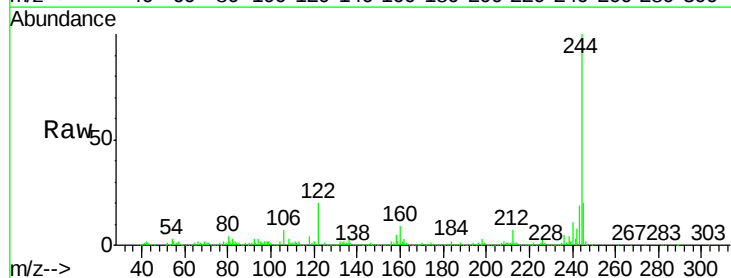
Tgt Ion:244 Resp: 488547

Ion Ratio Lower Upper

244 100

212 7.4 6.6 9.8

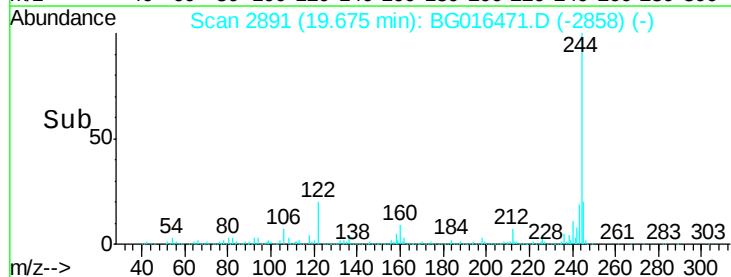
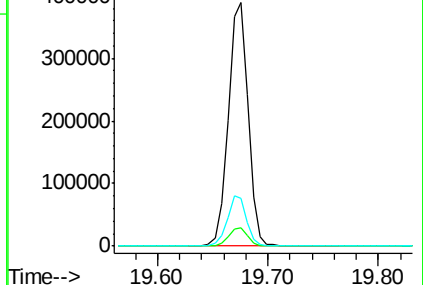
122 19.7 19.1 28.7

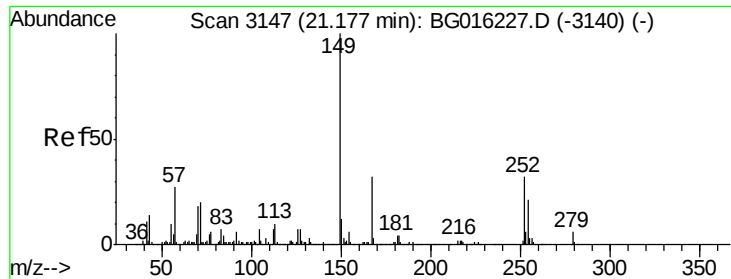


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

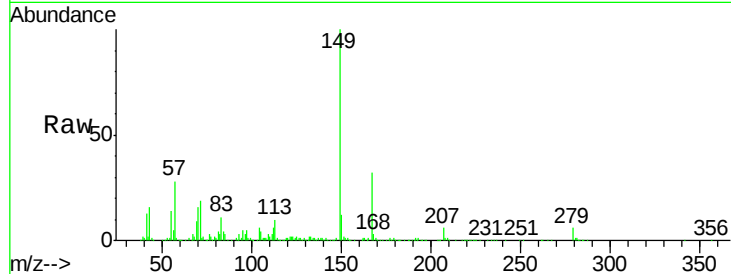




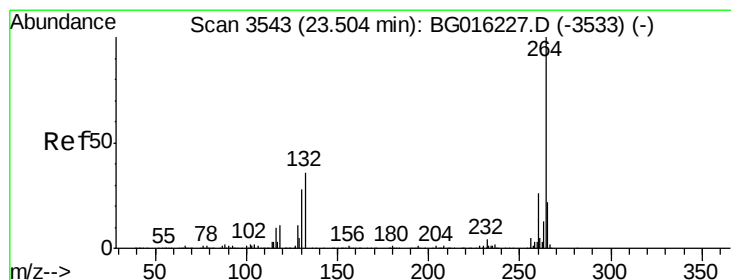
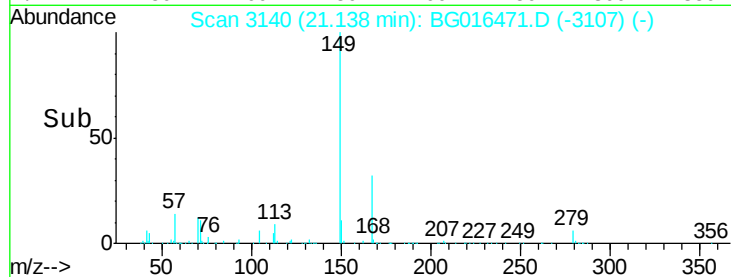
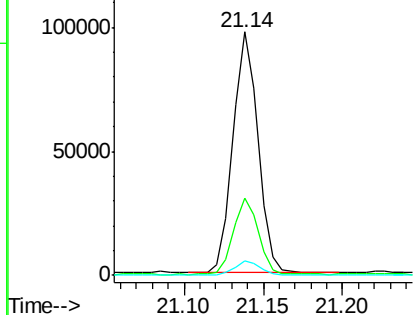
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.07 ng
 RT: 21.14 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG016471.D
 Acq: 17 Apr 2015 00:18

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELDS-SS-1

Tgt Ion:149 Resp: 106051
 Ion Ratio Lower Upper
 149 100
 167 31.9 25.8 38.6
 279 6.2 4.7 7.1

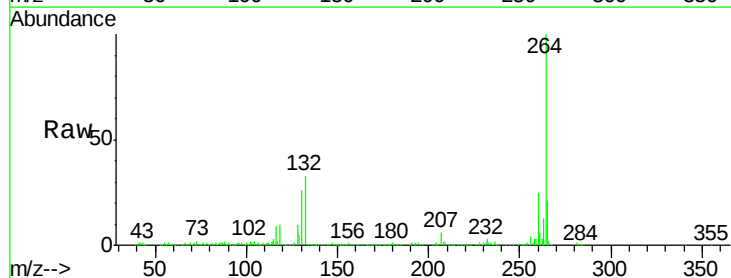


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.45 min Scan# 3534
 Delta R.T. -0.01 min
 Lab File: BG016471.D
 Acq: 17 Apr 2015 00:18

Tgt Ion:264 Resp: 362010
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.4 30.6
 265 21.5 17.2 25.8



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

