

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016544.D
 Acq On : 19 Apr 2015 4:56
 Operator : TP/IZ
 Sample : G1870-01RE
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELDS-SS-1

Quant Time: Apr 20 04:14:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 03:57:28 2015
 Response via : Initial Calibration

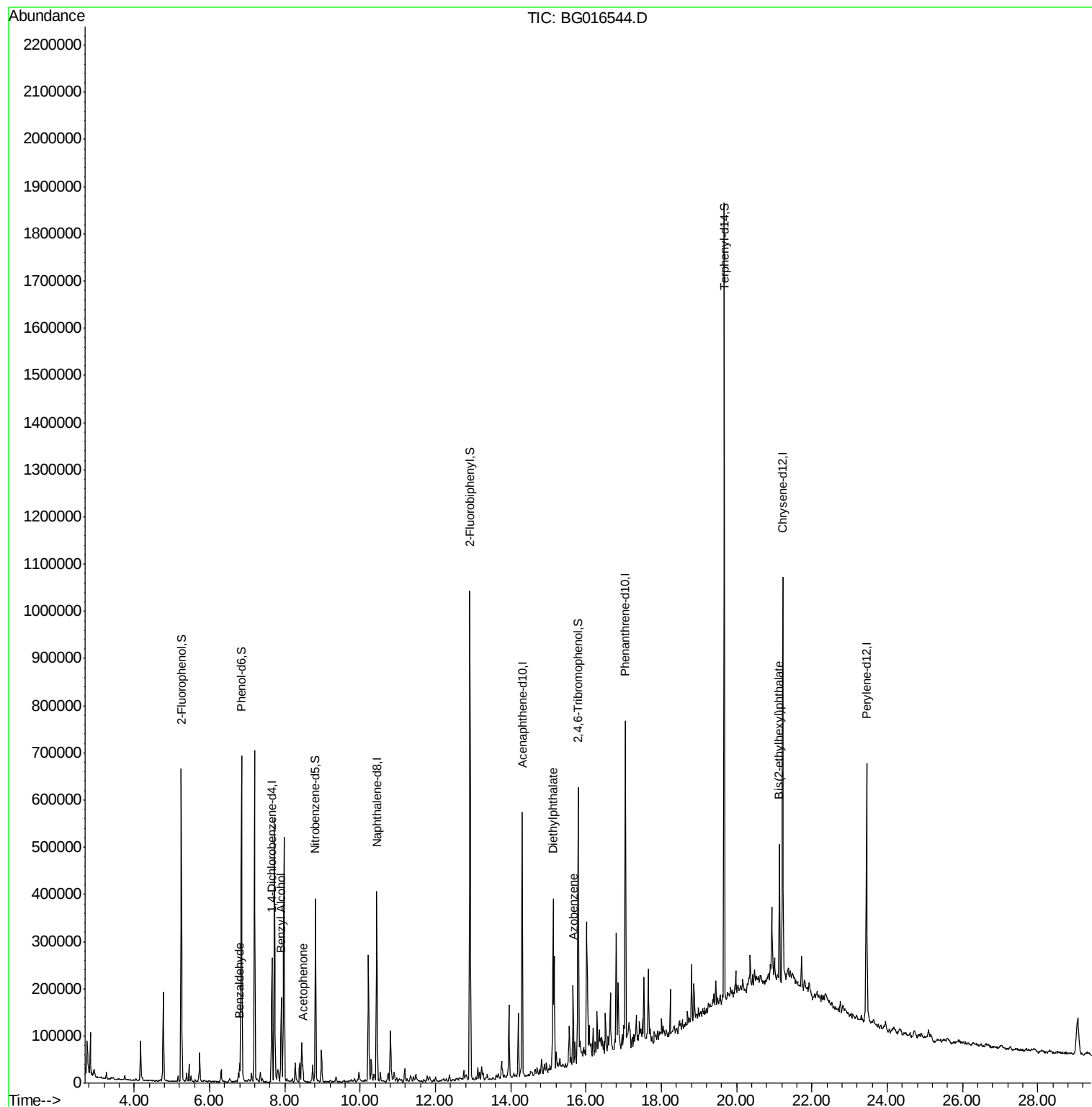
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	73406	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	330605	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	191070	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	390418	20.00	ng	0.00
75) Chrysene-d12	21.22	240	339984	20.00	ng	0.00
86) Perylene-d12	23.45	264	320006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	312081	67.10	ng	0.00
7) Phenol-d6	6.85	99	459020	65.74	ng	0.00
23) Nitrobenzene-d5	8.82	82	237206	41.56	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	85232	65.96	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	532097	47.41	ng	0.00
78) Terphenyl-d14	19.67	244	636269	43.80	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.80	77	14558	3.56	ng	89
15) Benzyl Alcohol	7.90	79	58516	12.02	ng	97
22) Acetophenone	8.47	105	17534	2.29	ng	# 95
59) Diethylphthalate	15.13	149	194748	13.06	ng	100
62) Azobenzene	15.66	77	39525	2.49	ng	# 1
83) Bis(2-ethylhexyl)phthalate	21.14	149	99644	6.33	ng	99

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016544.D
Acq On : 19 Apr 2015 4:56
Operator : TP/IZ
Sample : G1870-01RE
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BALLFIELDS-SS-1

Quant Time: Apr 20 04:14:37 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 03:57:28 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG016544.D

Acq: 19 Apr 2015 4:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELDS-SS-1

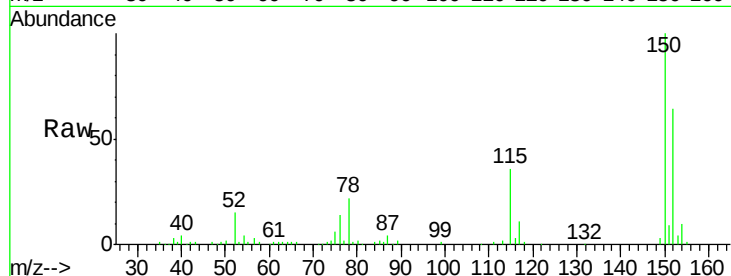
Tgt Ion:152 Resp: 73406

Ion Ratio Lower Upper

152 100

150 157.3 130.1 195.1

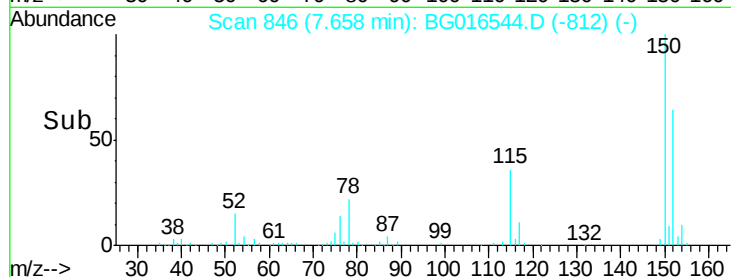
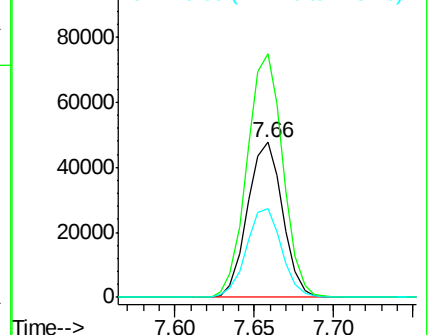
115 57.0 50.5 75.7



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: 67.10 ng

RT: 5.25 min Scan# 436

Delta R.T. -0.00 min

Lab File: BG016544.D

Acq: 19 Apr 2015 4:56

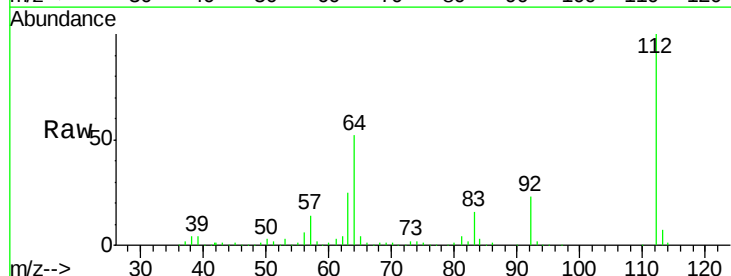
Tgt Ion:112 Resp: 312081

Ion Ratio Lower Upper

112 100

64 52.0 44.5 66.7

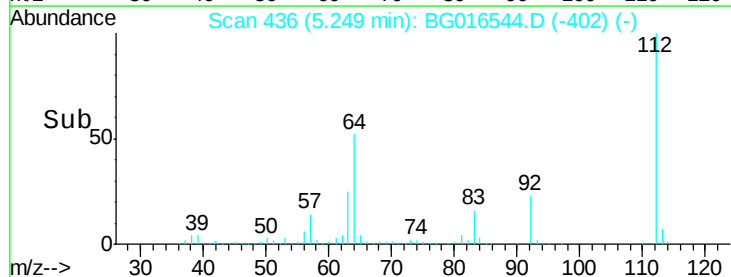
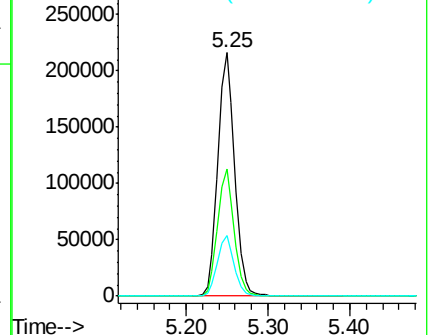
63 25.0 21.4 32.0



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: 65.74 ng

RT: 6.85 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG016544.D

Acq: 19 Apr 2015 4:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELDS-SS-1

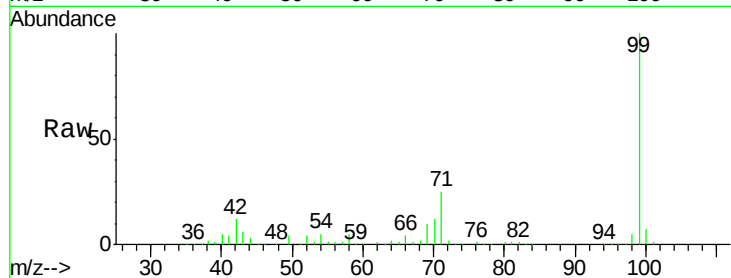
Tgt Ion: 99 Resp: 459020

Ion Ratio Lower Upper

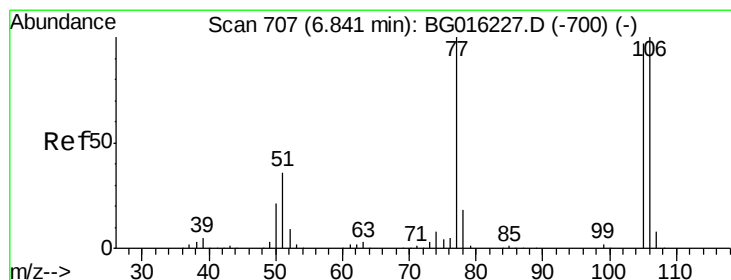
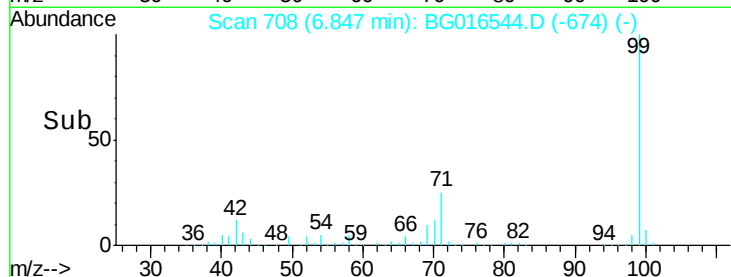
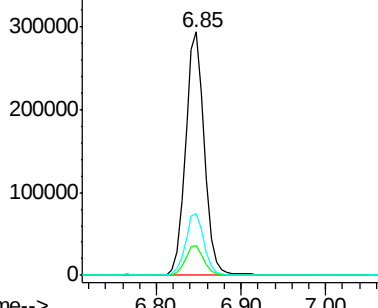
99 100

42 12.4 10.0 15.0

71 25.4 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: 3.56 ng

RT: 6.80 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG016544.D

Acq: 19 Apr 2015 4:56

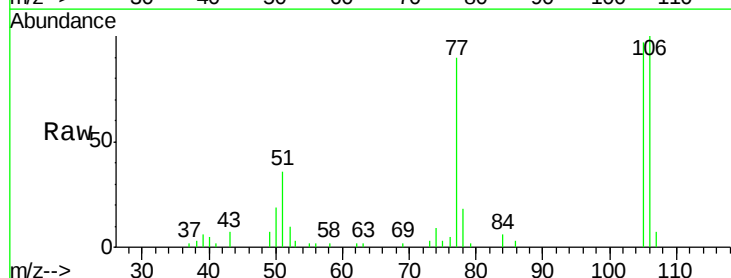
Tgt Ion: 77 Resp: 14558

Ion Ratio Lower Upper

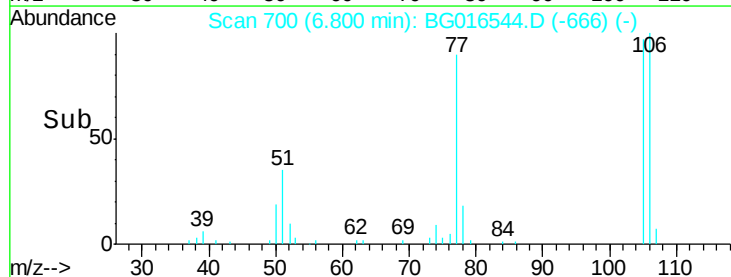
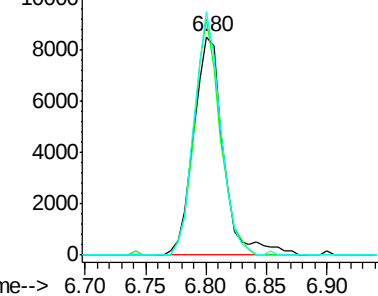
77 100

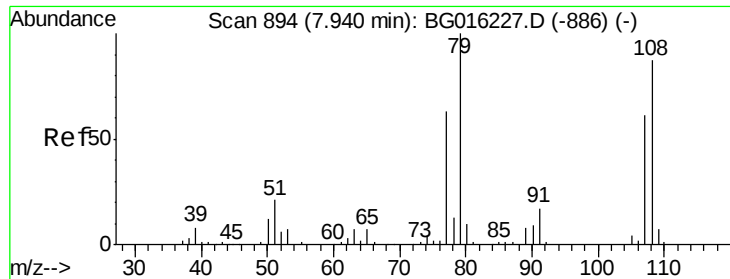
105 107.8 76.8 116.8

106 111.5 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: 12.02 ng

RT: 7.90 min Scan# 887

Delta R.T. -0.01 min

Lab File: BG016544.D

Acq: 19 Apr 2015 4:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELDS-SS-1

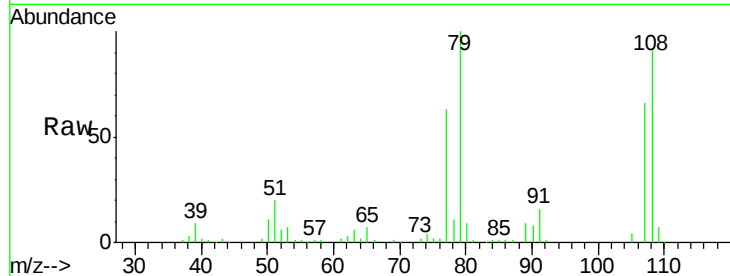
Tgt Ion: 79 Resp: 58516

Ion Ratio Lower Upper

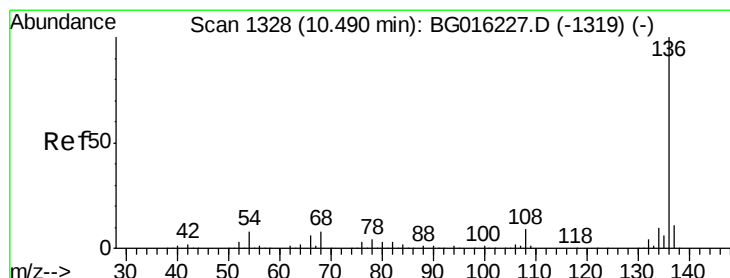
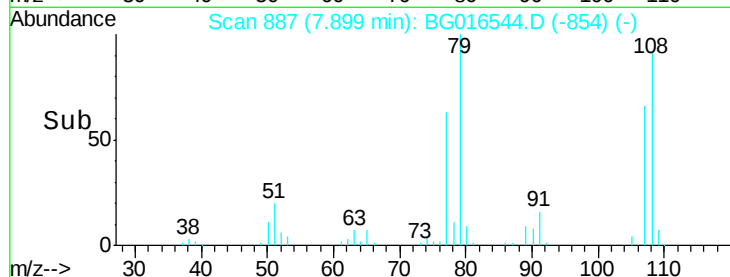
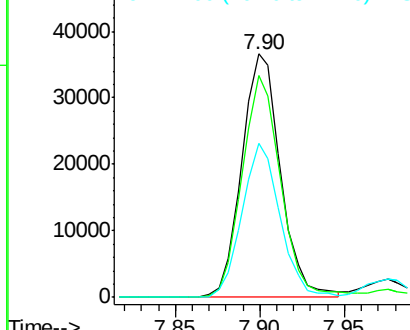
79 100

108 90.9 69.3 103.9

77 63.2 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.44 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG016544.D

Acq: 19 Apr 2015 4:56

Tgt Ion: 136 Resp: 330605

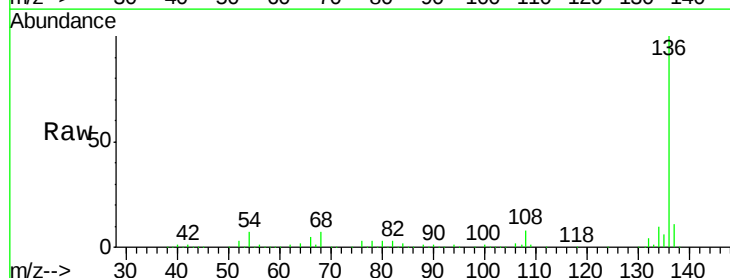
Ion Ratio Lower Upper

136 100

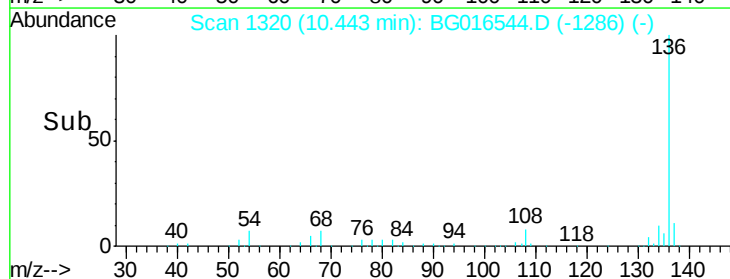
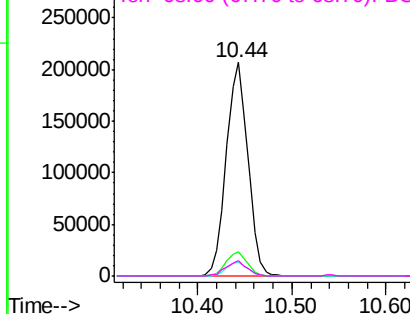
137 11.5 8.7 13.1

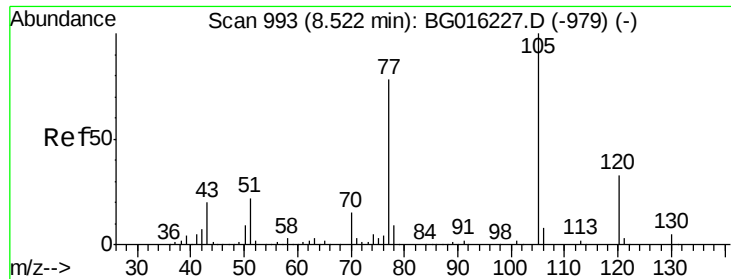
54 6.5 6.3 9.5

68 7.0 6.5 9.7



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

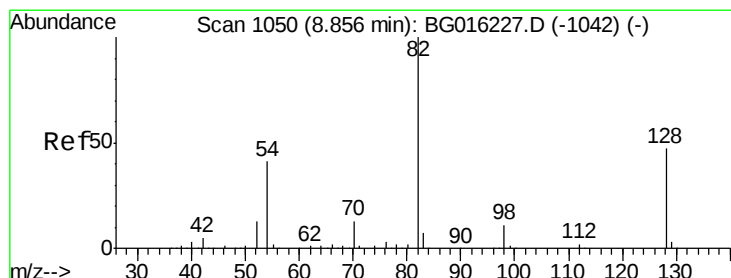
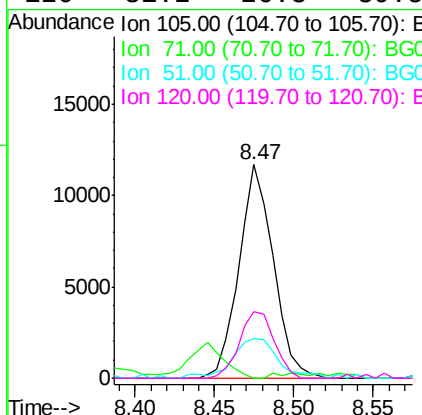
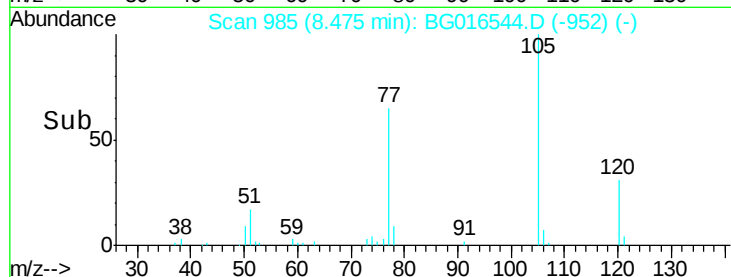
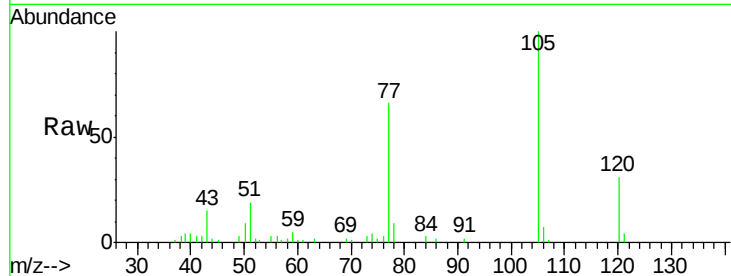




#22
Acetophenone
Concen: 2.29 ng
RT: 8.47 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG016544.D
Acq: 19 Apr 2015 4:56

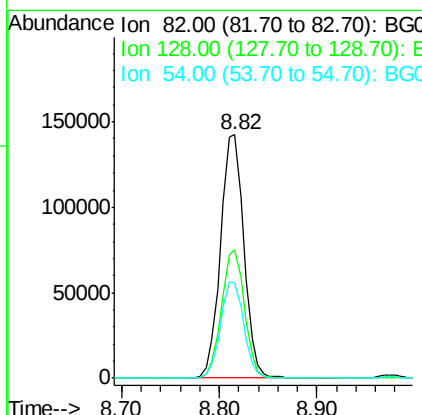
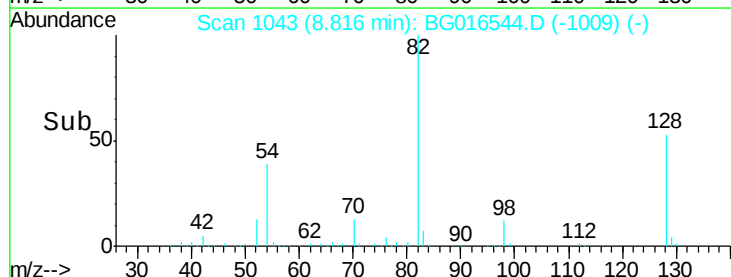
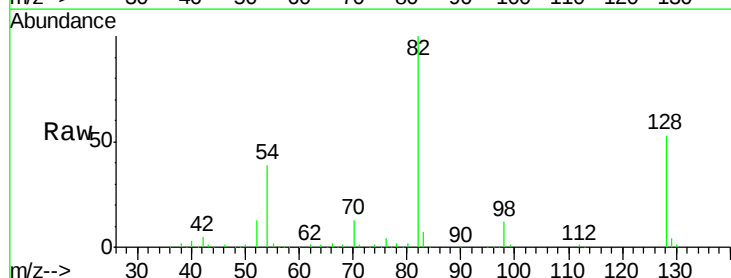
Instrument :
BNA_G
ClientSampleId :
BALLFIELDS-SS-1

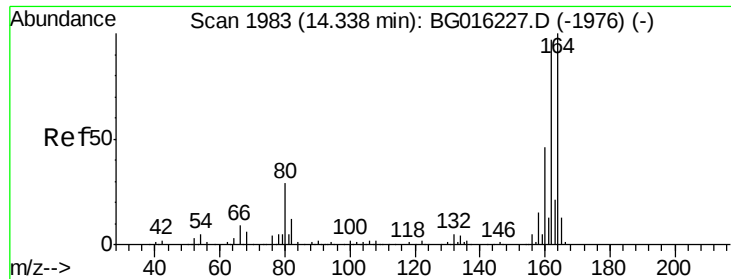
Tgt Ion:	105	Resp:	17534
Ion Ratio	Lower	Upper	
105	100		
71	0.0	2.0	3.0#
51	18.7	17.9	26.9
120	31.2	26.3	39.5



#23
Nitrobenzene-d5
Concen: 41.56 ng
RT: 8.82 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG016544.D
Acq: 19 Apr 2015 4:56

Tgt Ion:	82	Resp:	237206
Ion Ratio	Lower	Upper	
82	100		
128	52.8	37.8	56.8
54	38.9	32.6	49.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.30 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG016544.D

Acq: 19 Apr 2015 4:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELDS-SS-1

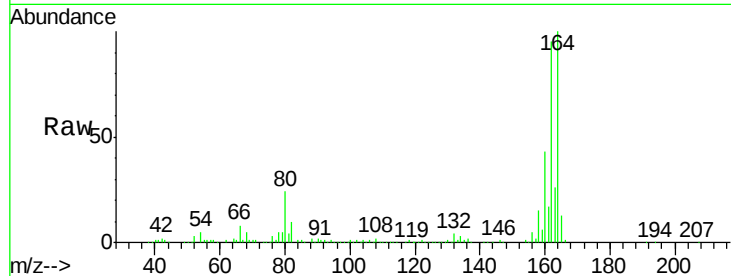
Tgt Ion:164 Resp: 191070

Ion Ratio Lower Upper

164 100

162 94.5 77.3 115.9

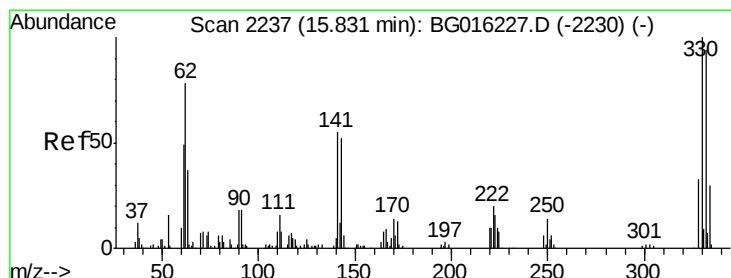
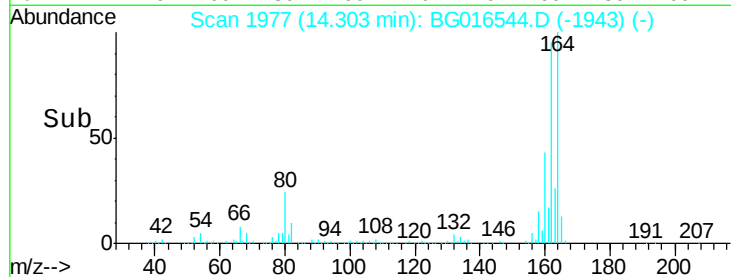
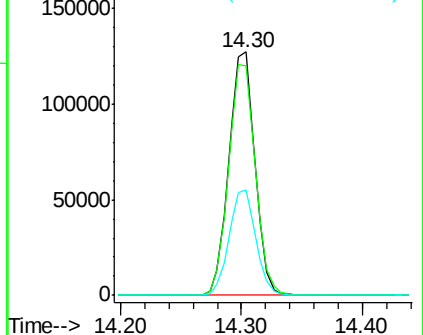
160 43.2 36.7 55.1



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: 65.96 ng

RT: 15.80 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BG016544.D

Acq: 19 Apr 2015 4:56

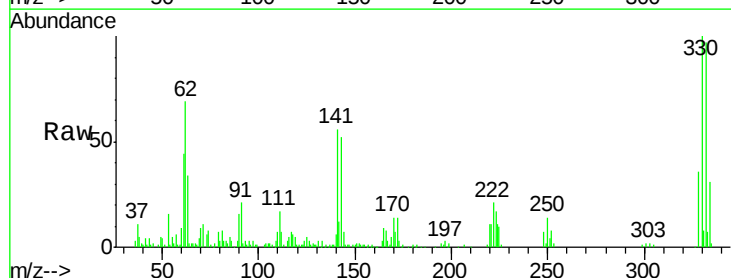
Tgt Ion:330 Resp: 85232

Ion Ratio Lower Upper

330 100

332 95.0 75.8 113.6

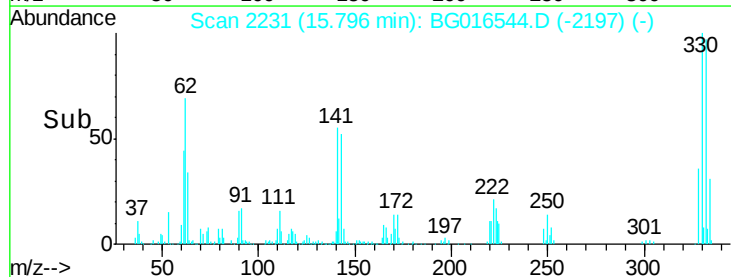
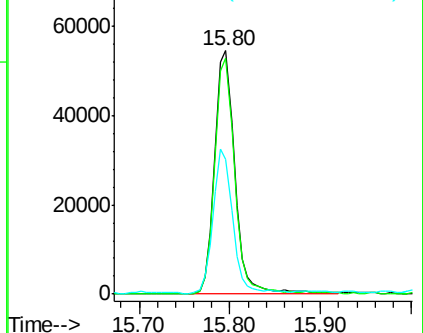
141 56.5 46.6 69.8

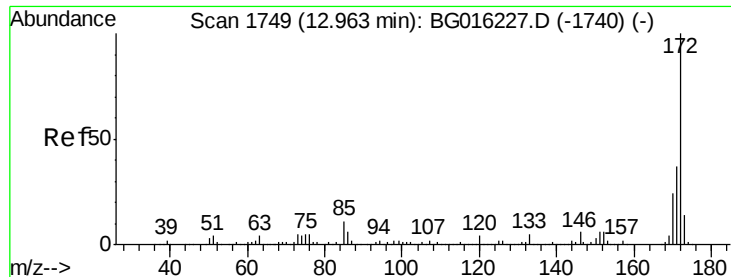


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

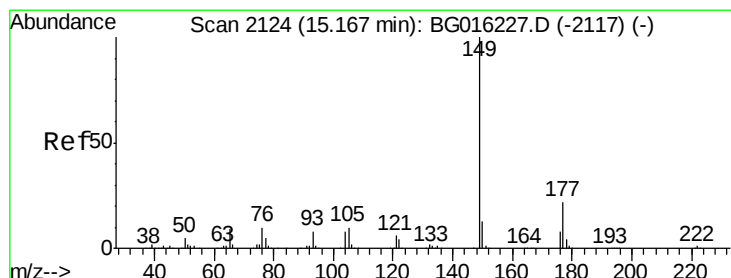
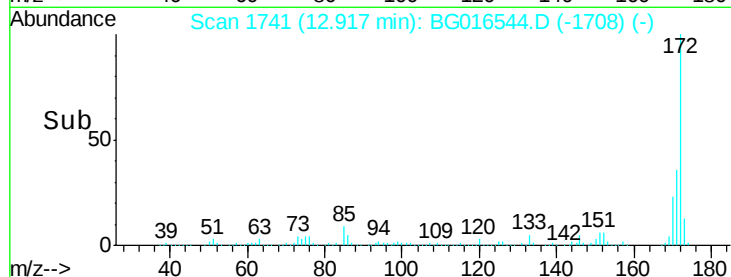
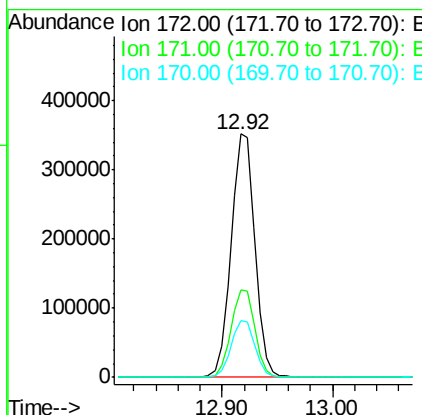
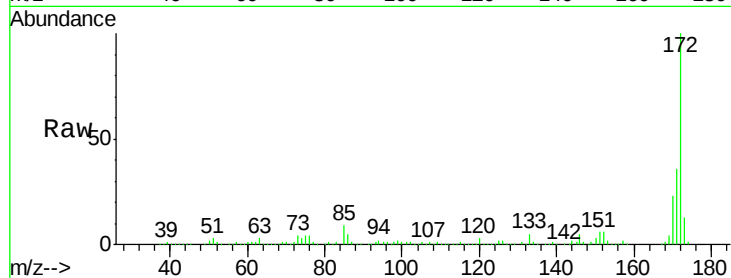




#44
 2-Fluorobiphenyl
 Concen: 47.41 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG016544.D
 Acq: 19 Apr 2015 4:56

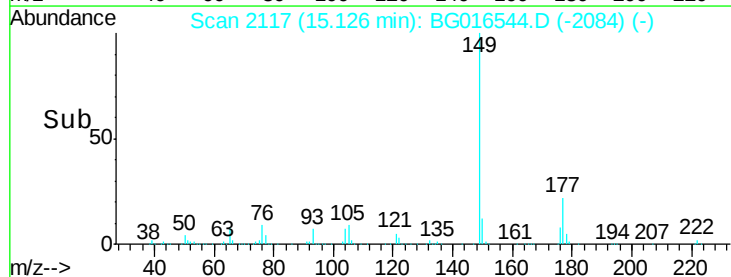
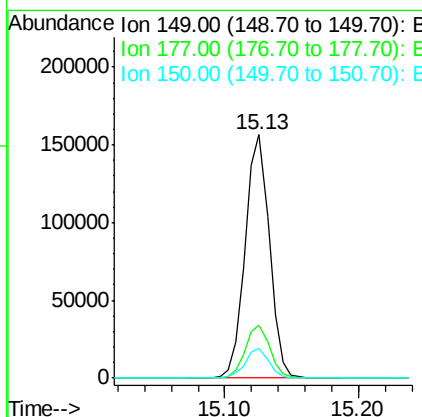
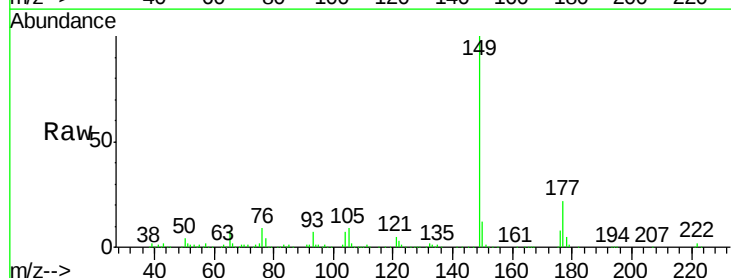
Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELDS-SS-1

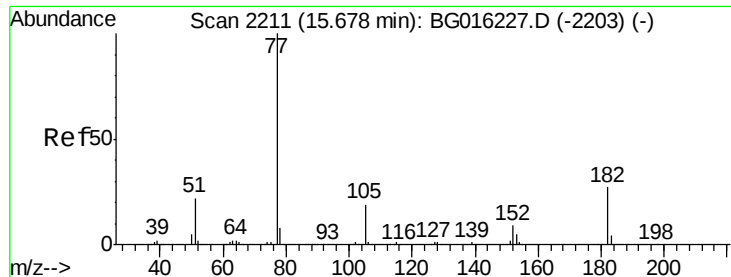
Tgt Ion:172 Resp: 532097
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.0 19.4 29.2



#59
 Diethylphthalate
 Concen: 13.06 ng
 RT: 15.13 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BG016544.D
 Acq: 19 Apr 2015 4:56

Tgt Ion:149 Resp: 194748
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.7 26.5
 150 12.4 10.0 15.0





#62

Azobenzene

Concen: 2.49 ng

RT: 15.66 min Scan# 2208

Delta R.T. 0.02 min

Lab File: BG016544.D

Acq: 19 Apr 2015 4:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELDS-SS-1

Tgt Ion: 77 Resp: 39525

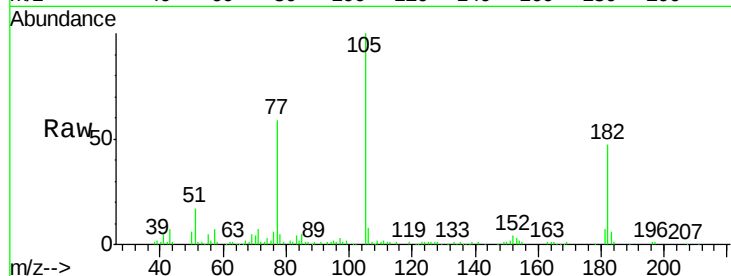
Ion Ratio Lower Upper

77 100

182 80.1 6.6 46.6#

105 169.5 0.0 39.2#

51 29.5 2.0 42.0

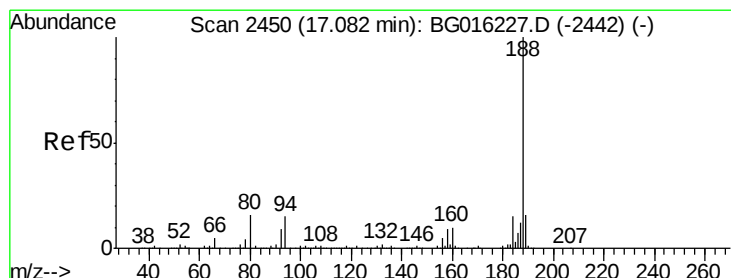
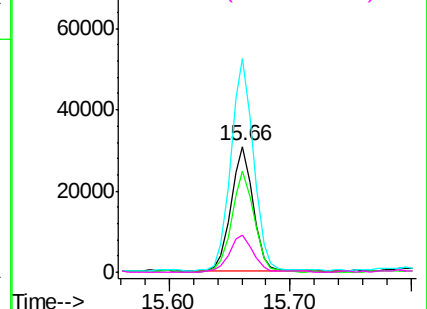
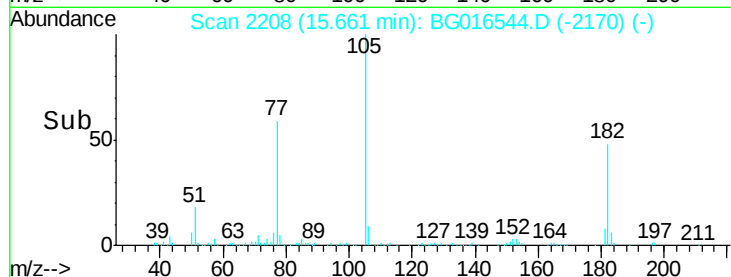


Abundance Ion 77.00 (76.70 to 77.70): BGC

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.04 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BG016544.D

Acq: 19 Apr 2015 4:56

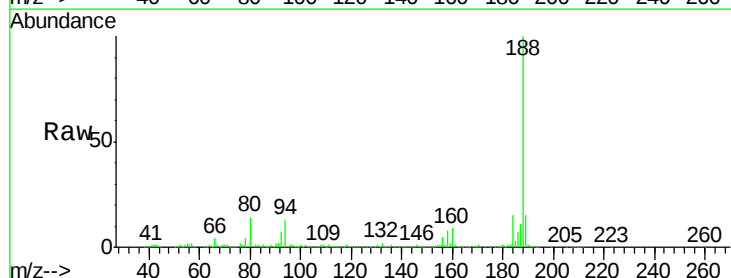
Tgt Ion: 188 Resp: 390418

Ion Ratio Lower Upper

188 100

94 13.4 12.2 18.4

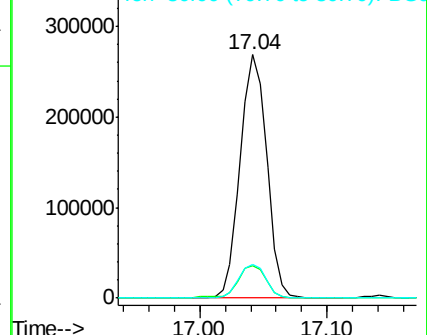
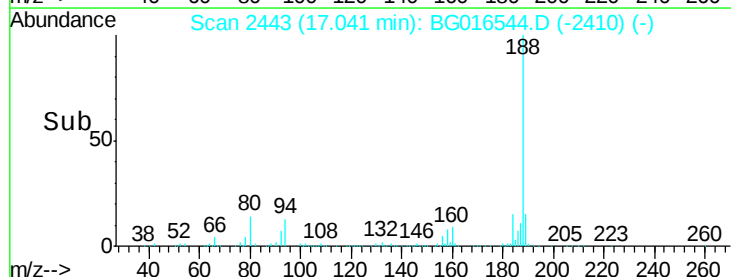
80 13.6 12.8 19.2

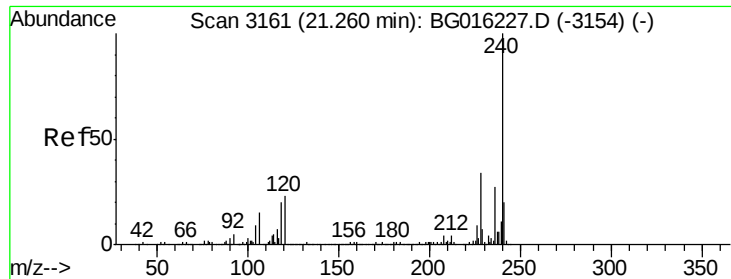


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.22 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG016544.D

Acq: 19 Apr 2015 4:56

Instrument :

BNA_G

ClientSampleId :

BALLFIELDS-SS-1

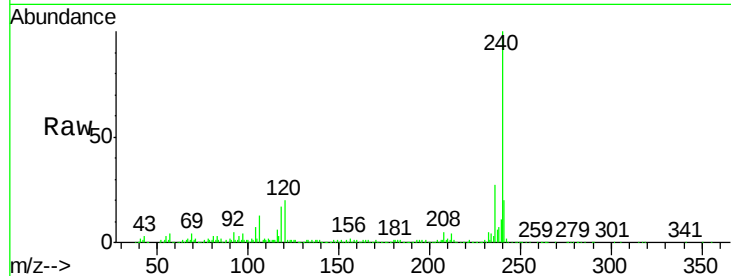
Tgt Ion:240 Resp: 339984

Ion Ratio Lower Upper

240 100

120 20.3 18.6 28.0

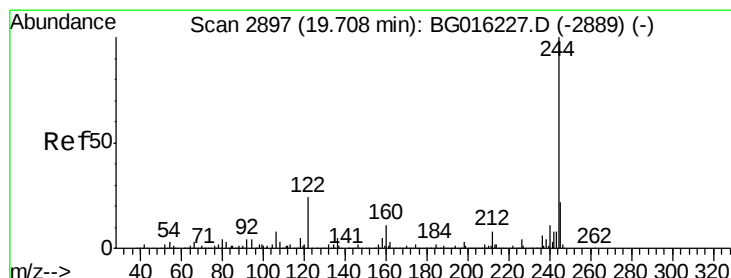
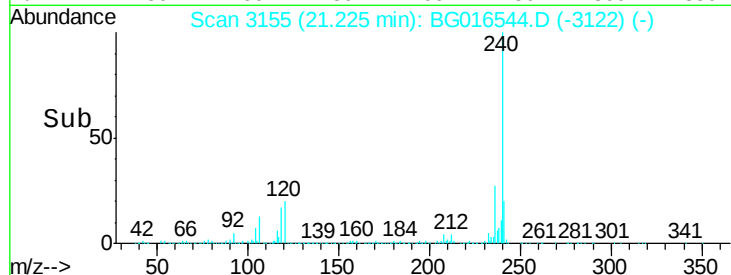
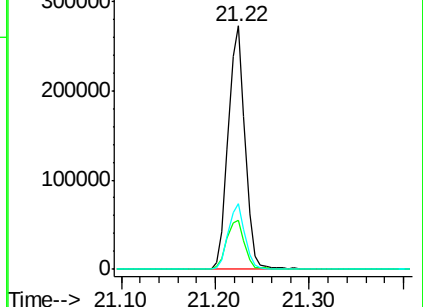
236 26.8 21.7 32.5



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: 43.80 ng

RT: 19.67 min Scan# 2891

Delta R.T. -0.00 min

Lab File: BG016544.D

Acq: 19 Apr 2015 4:56

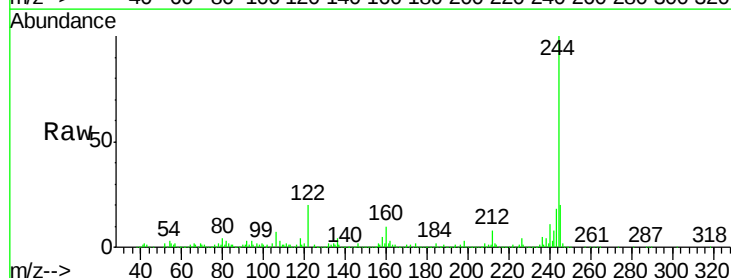
Tgt Ion:244 Resp: 636269

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

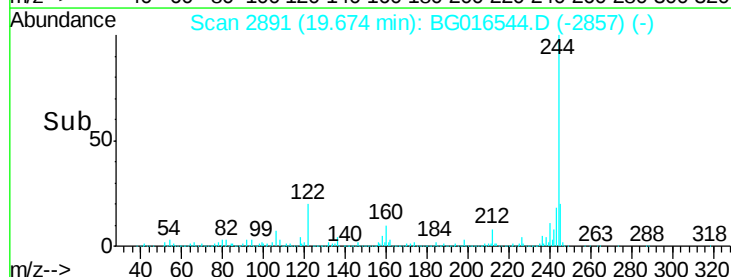
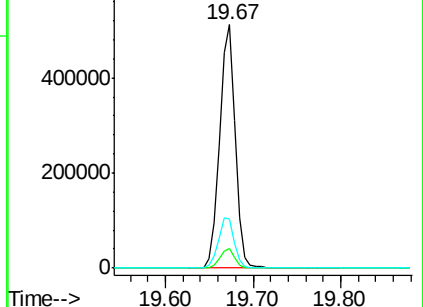
122 20.2 19.1 28.7

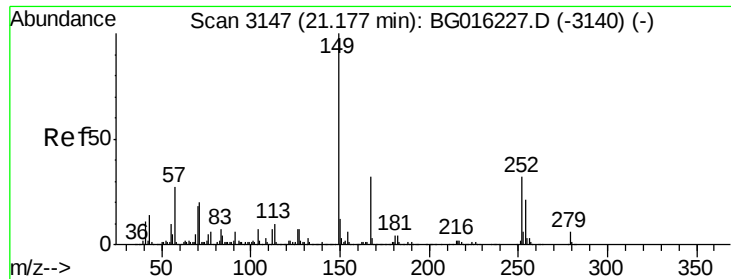


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

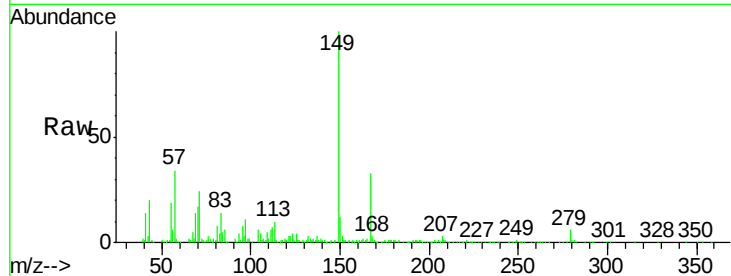




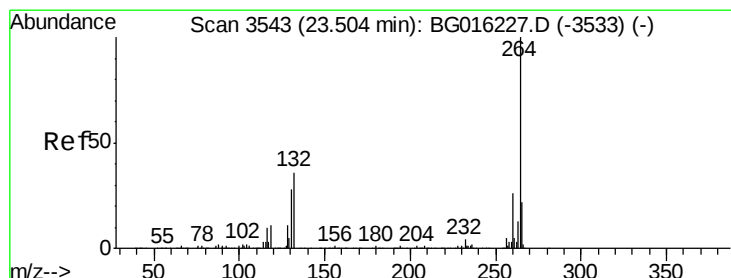
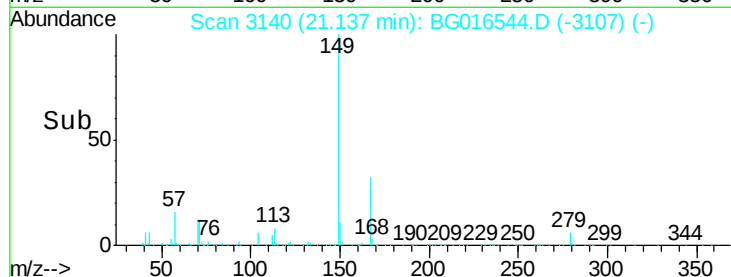
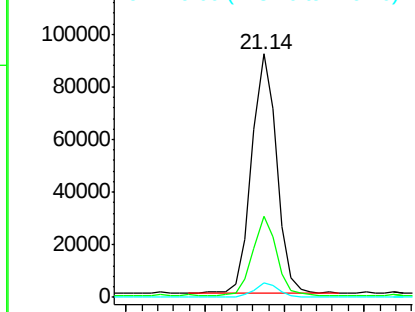
#83
Bis(2-ethylhexyl)phthalate
Concen: 6.33 ng
RT: 21.14 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG016544.D
Acq: 19 Apr 2015 4:56

Instrument :
BNA_G
ClientSampleId :
BALLFIELDS-SS-1

Tgt Ion:149 Resp: 99644
Ion Ratio Lower Upper
149 100
167 33.1 25.8 38.6
279 6.0 4.7 7.1

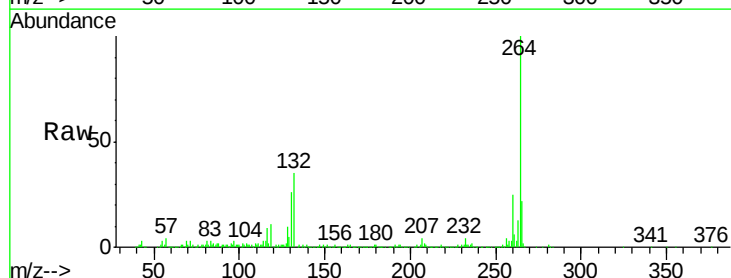


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.45 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG016544.D
Acq: 19 Apr 2015 4:56

Tgt Ion:264 Resp: 320006
Ion Ratio Lower Upper
264 100
260 25.4 20.4 30.6
265 22.1 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

