

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
 Data File : BG016753.D
 Acq On : 28 Apr 2015 5:10
 Operator : TP/IZ
 Sample : G1991-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-73D

Quant Time: Apr 28 06:47:06 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 06:33:47 2015
 Response via : Initial Calibration

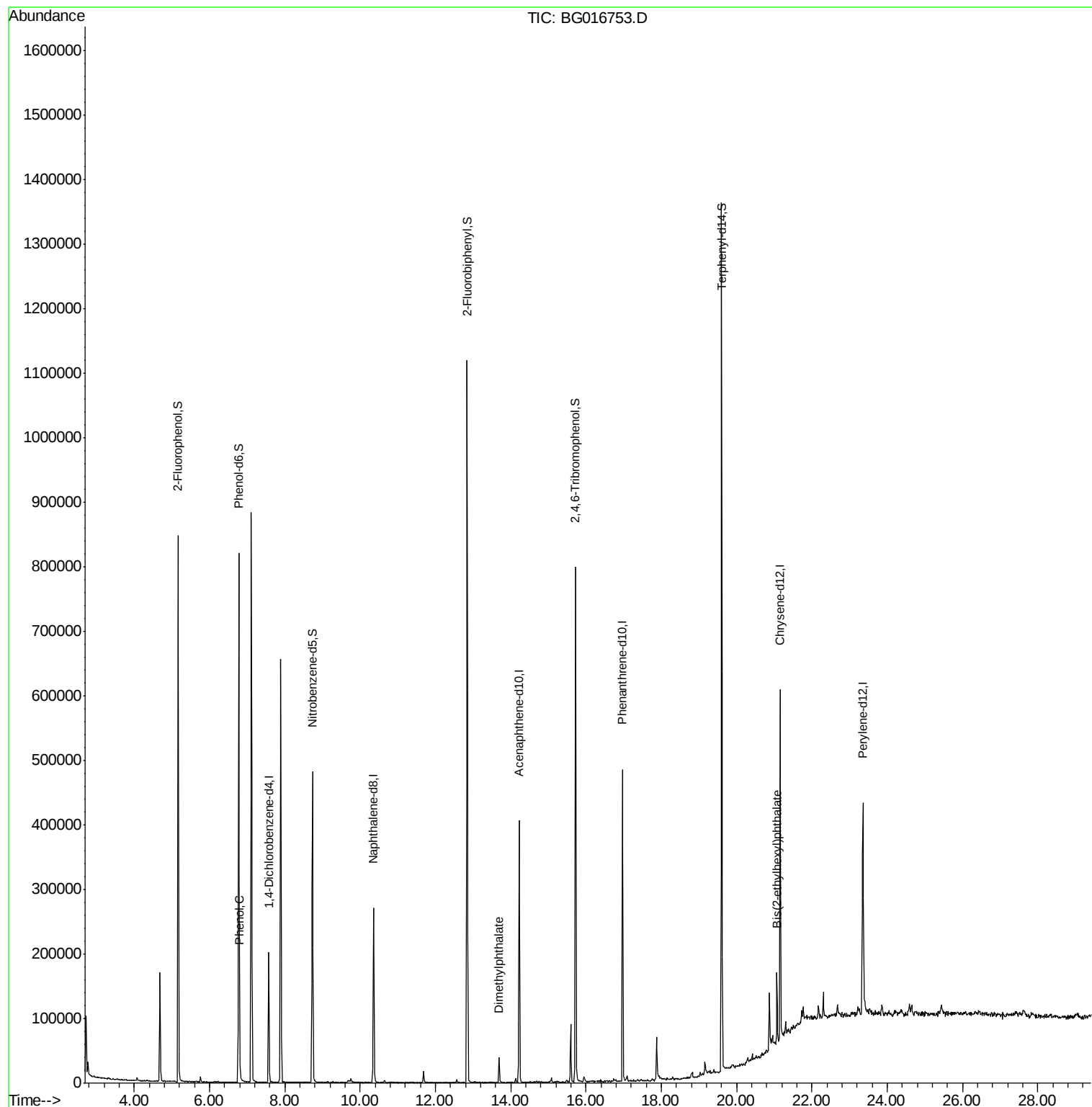
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	56680	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	234850	20.00	ng	0.00
38) Acenaphthene-d10	14.23	164	133929	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	261731	20.00	ng	0.00
75) Chrysene-d12	21.16	240	226946	20.00	ng	0.00
86) Perylene-d12	23.36	264	219433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	417066	119.41	ng	0.00
7) Phenol-d6	6.78	99	556400	113.55	ng	0.00
23) Nitrobenzene-d5	8.73	82	281974	75.87	ng	0.00
41) 2,4,6-Tribromophenol	15.73	330	126853	127.68	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	574916	68.97	ng	0.00
78) Terphenyl-d14	19.60	244	537454	54.55	ng	0.00
Target Compounds						
10) Phenol	6.80	94	16734	3.24	ng	92
49) Dimethylphthalate	13.69	163	27317	2.73	ng	98
83) Bis(2-ethylhexyl)phthalate	21.07	149	42069	3.94	ng	96

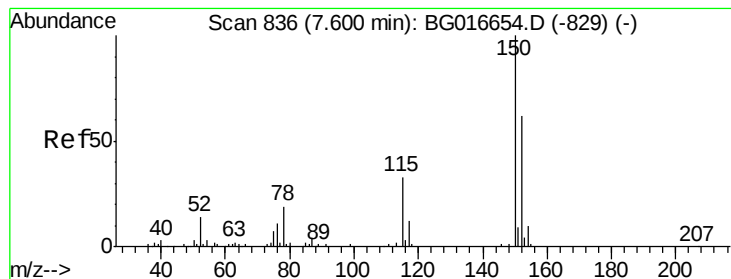
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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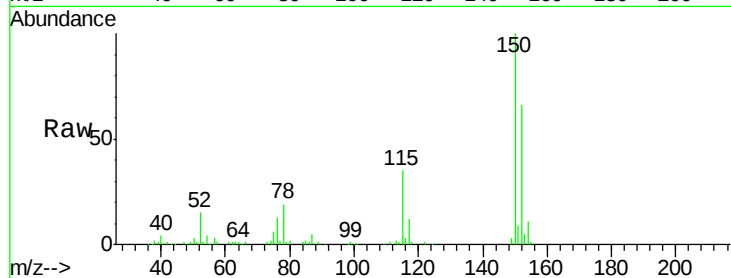


#1

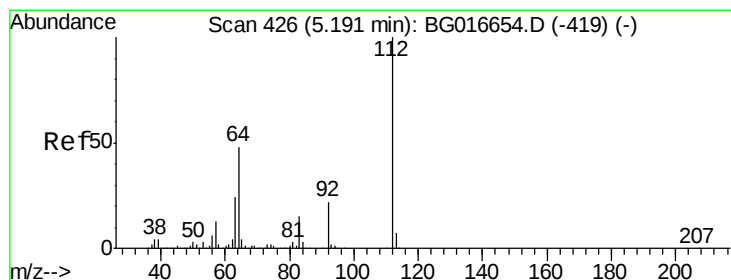
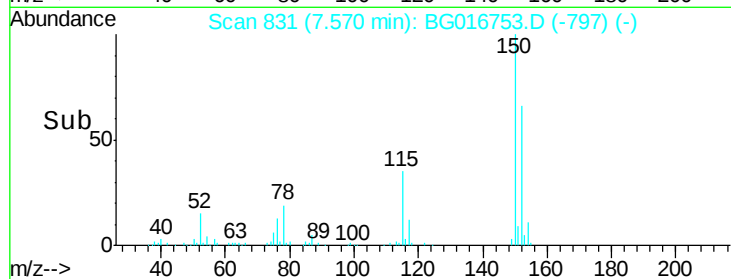
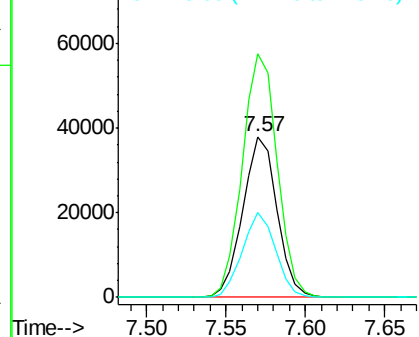
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.57 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG016753.D
Acq: 28 Apr 2015 5:10

Instrument :
BNA_G
ClientSampleId :
SB-73D

Tot Ion	152	Resp	56680
Ion	Ratio	Lower	Upper
152	100		
150	151.5	129.6	194.4
115	52.7	43.0	64.6



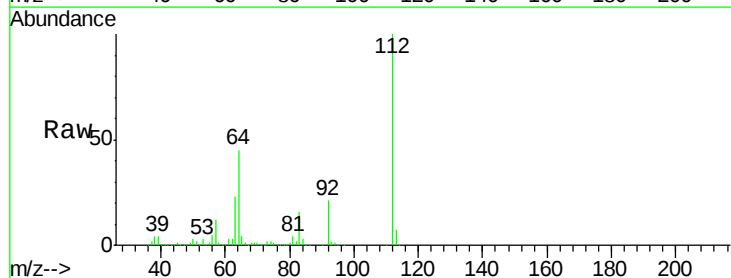
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



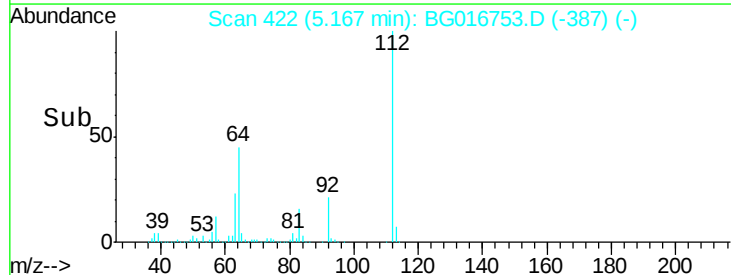
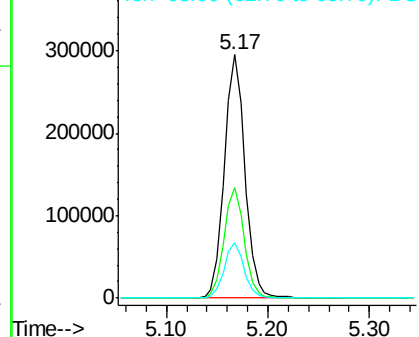
#5

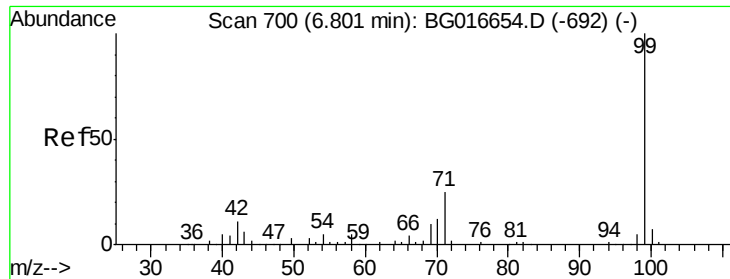
2-Fluorophenol
Concen: 119.41 ng
RT: 5.17 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG016753.D
Acq: 28 Apr 2015 5:10

Tgt Ion	112	Resp	417066
Ion	Ratio	Lower	Upper
112	100		
64	45.5	38.3	57.5
63	22.5	18.9	28.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 113.55 ng

RT: 6.78 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG016753.D

Acq: 28 Apr 2015 5:10

Instrument :

BNA_G

ClientSampleId :

SB-73D

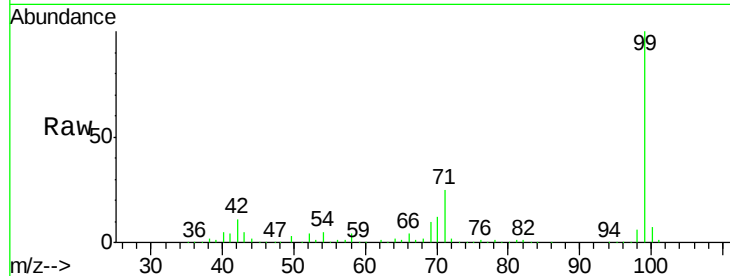
Tot Ion: 99 Resp: 556400

Ion Ratio Lower Upper

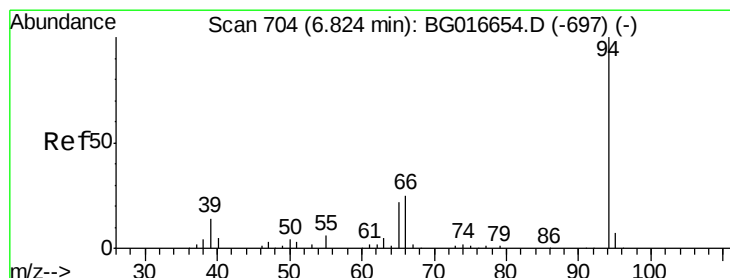
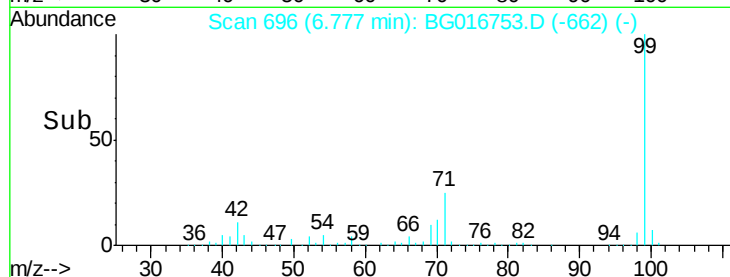
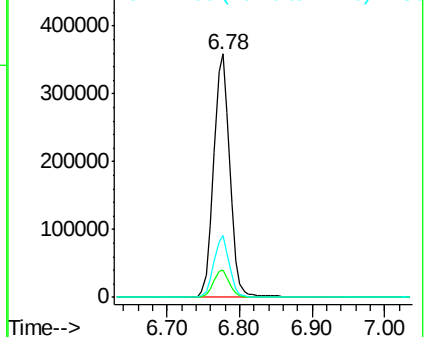
99 100

42 11.1 8.8 13.2

71 25.3 19.9 29.9



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



#10

Phenol

Concen: 3.24 ng

RT: 6.80 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG016753.D

Acq: 28 Apr 2015 5:10

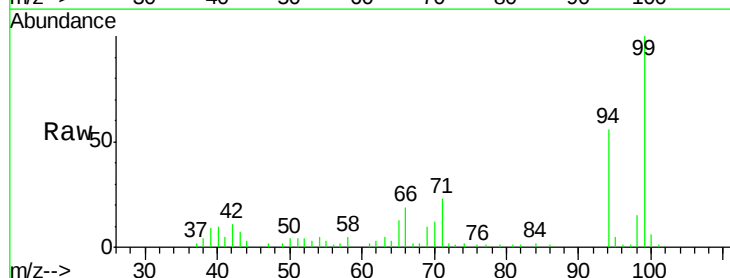
Tgt Ion: 94 Resp: 16734

Ion Ratio Lower Upper

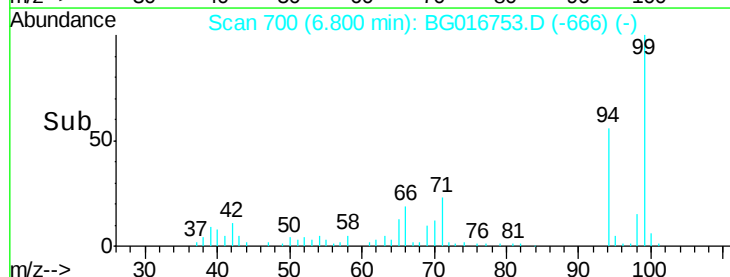
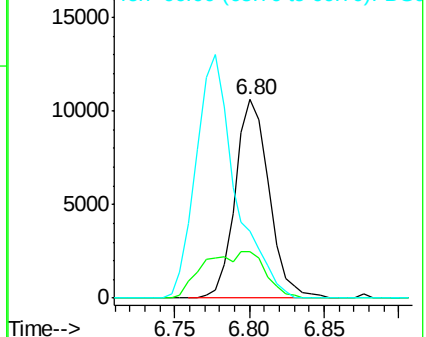
94 100

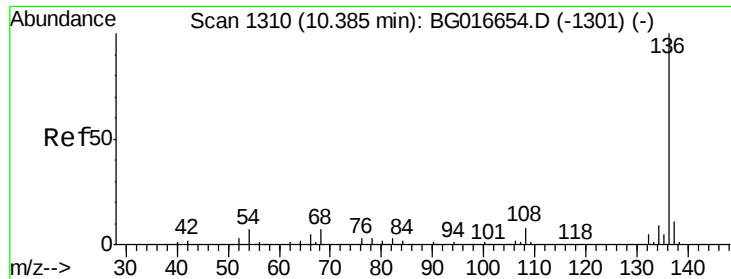
65 23.7 2.6 42.6

66 34.0 7.0 47.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

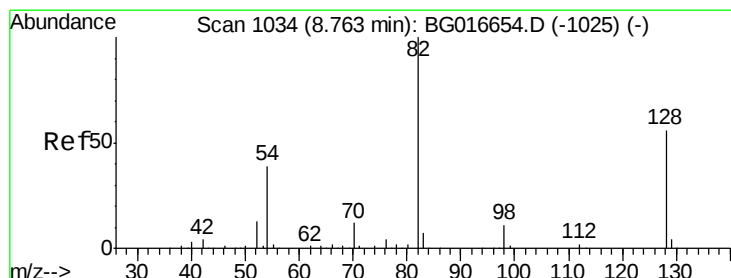
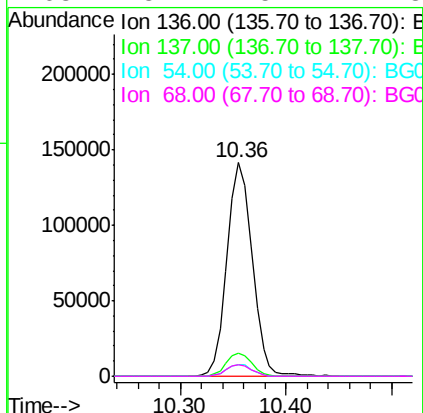
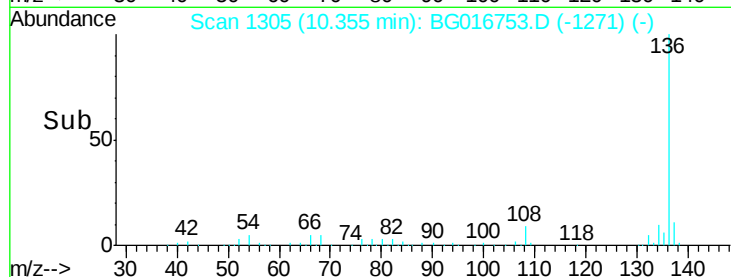
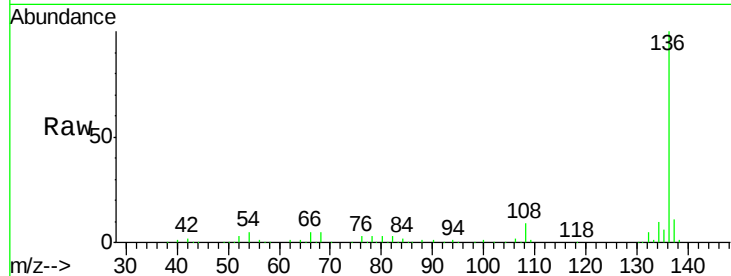




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.36 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BG016753.D
Acq: 28 Apr 2015 5:10

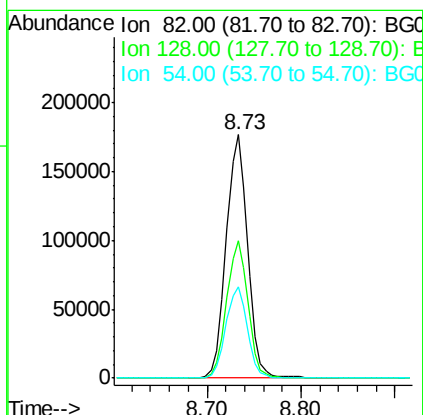
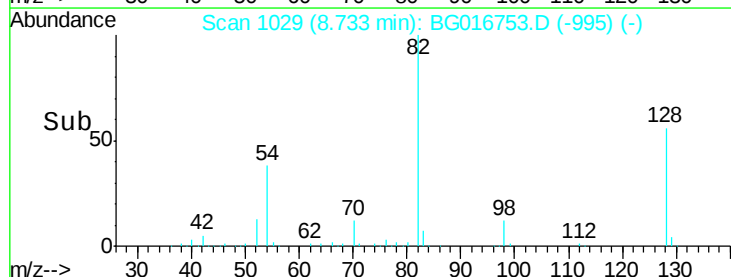
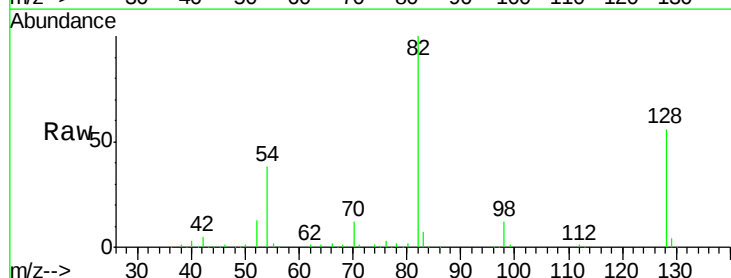
Instrument :
BNA_G
ClientSampled :
SB-73D

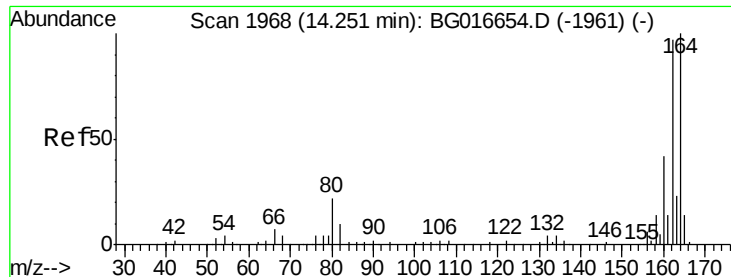
Tot Ion:136	Resp:	234850
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	5.4	5.4 8.2
68	5.4	5.2 7.8



#23
Nitrobenzene-d5
Concen: 75.87 ng
RT: 8.73 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BG016753.D
Acq: 28 Apr 2015 5:10

Tgt Ion: 82	Resp:	281974
Ion Ratio	Lower	Upper
82	100	
128	56.3	44.7 67.1
54	37.5	30.9 46.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.23 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG016753.D

Acq: 28 Apr 2015 5:10

Instrument :

BNA_G

ClientSampleId :

SB-73D

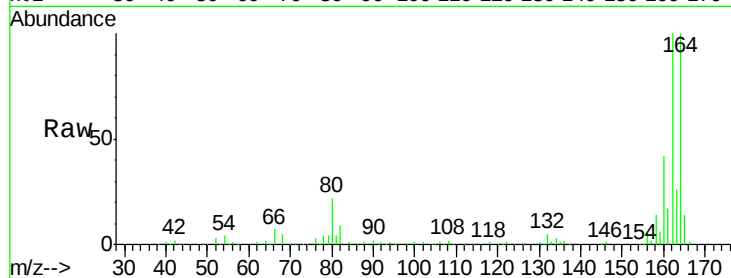
Tot Ion:164 Resp: 133929

Ion Ratio Lower Upper

164 100

162 99.7 77.3 115.9

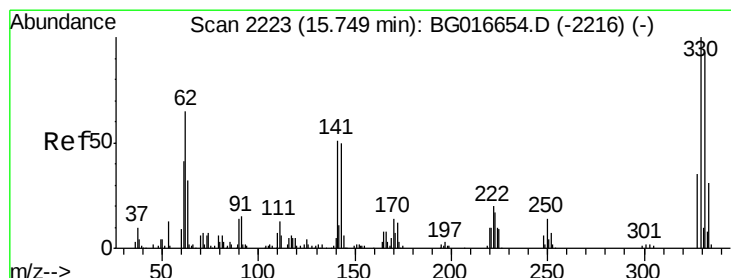
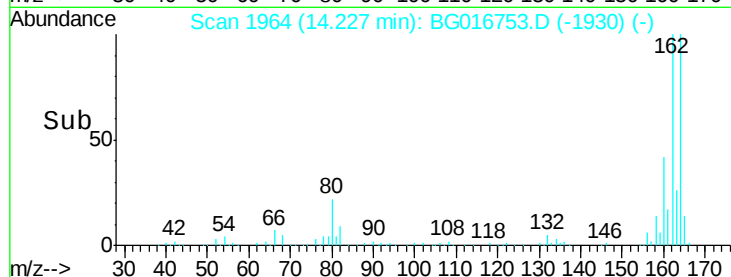
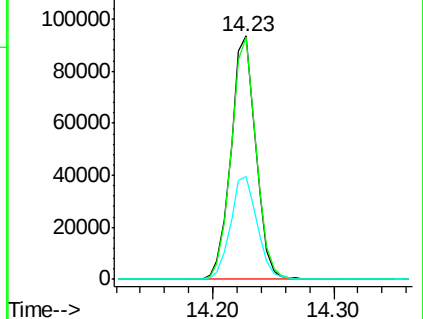
160 42.4 33.7 50.5



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: 127.68 ng

RT: 15.73 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BG016753.D

Acq: 28 Apr 2015 5:10

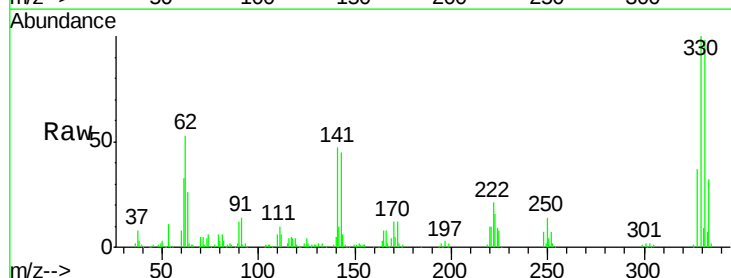
Tgt Ion:330 Resp: 126853

Ion Ratio Lower Upper

330 100

332 96.1 76.2 114.4

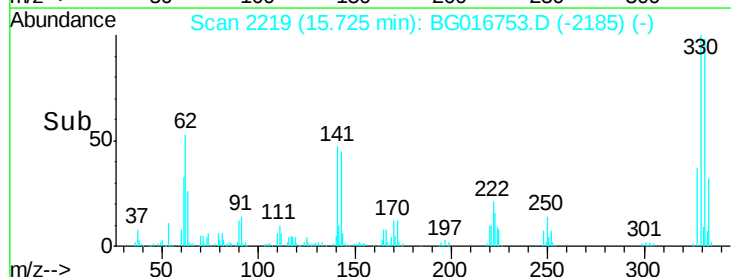
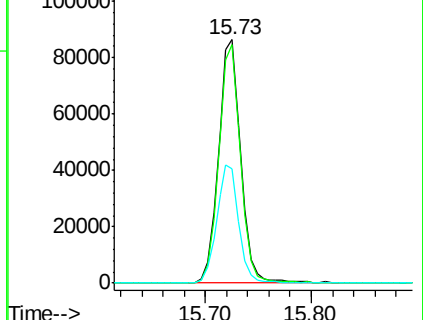
141 48.2 43.0 64.6

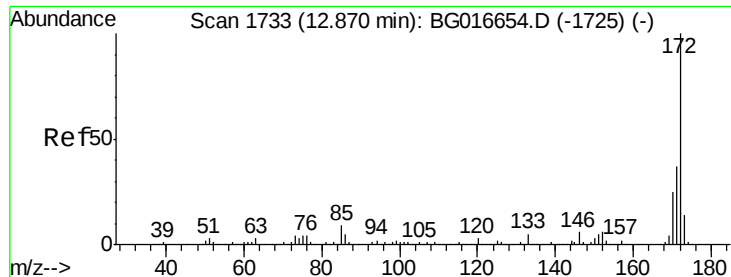


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

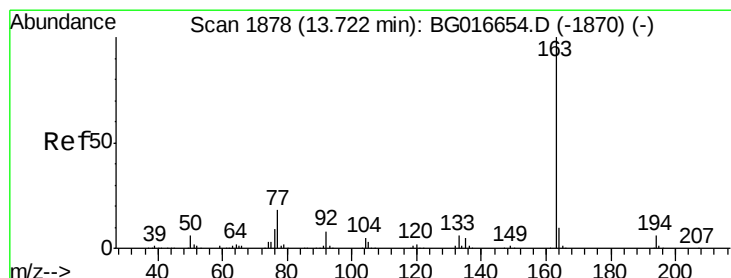
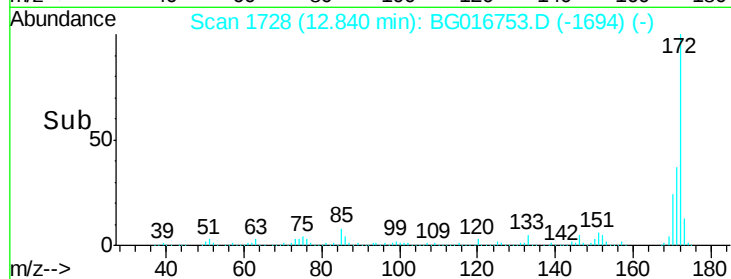
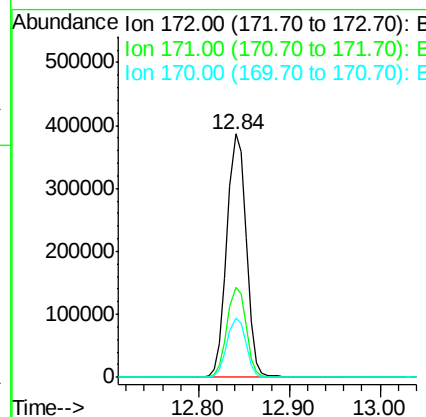
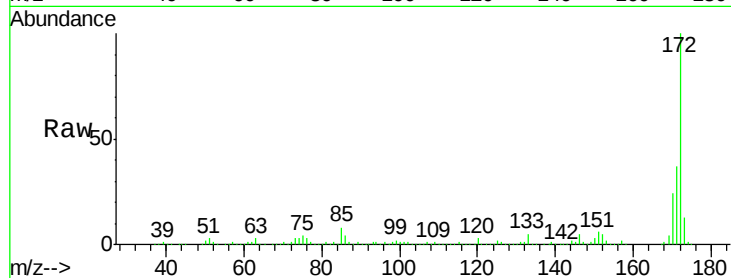




#44
2-Fluorobiphenyl
Concen: 68.97 ng
RT: 12.84 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BG016753.D
Acq: 28 Apr 2015 5:10

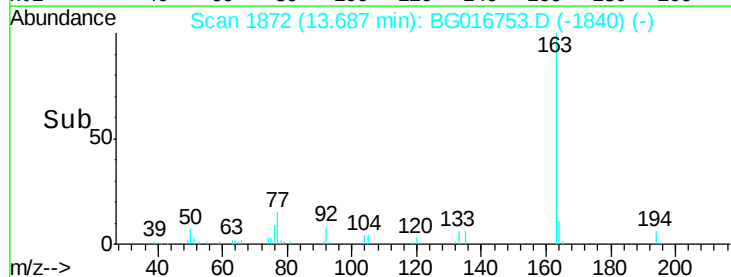
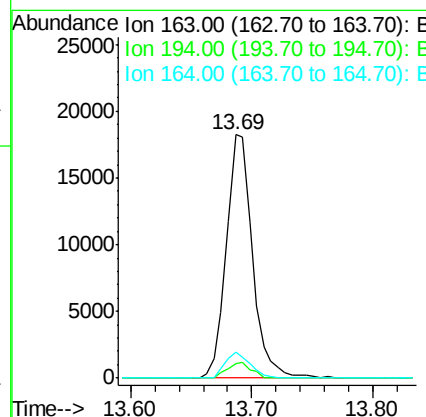
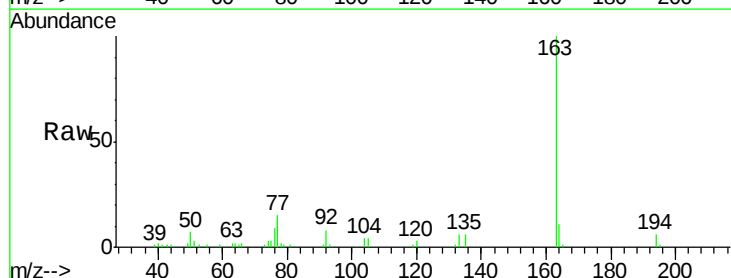
Instrument :
BNA_G
ClientSampled :
SB-73D

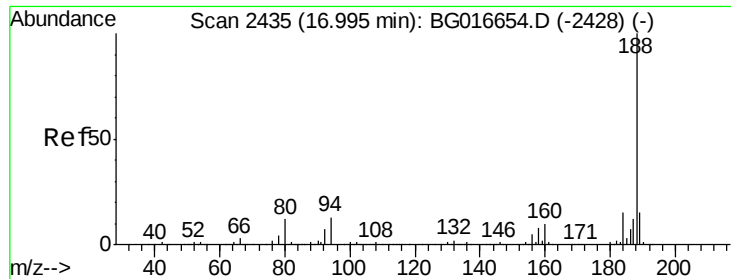
Tot Ion:172 Resp: 574916
Ion Ratio Lower Upper
172 100
171 36.8 29.9 44.9
170 24.1 19.8 29.8



#49
Dimethylphthalate
Concen: 2.73 ng
RT: 13.69 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG016753.D
Acq: 28 Apr 2015 5:10

Tgt Ion:163 Resp: 27317
Ion Ratio Lower Upper
163 100
194 6.2 5.0 7.4
164 10.8 7.8 11.8

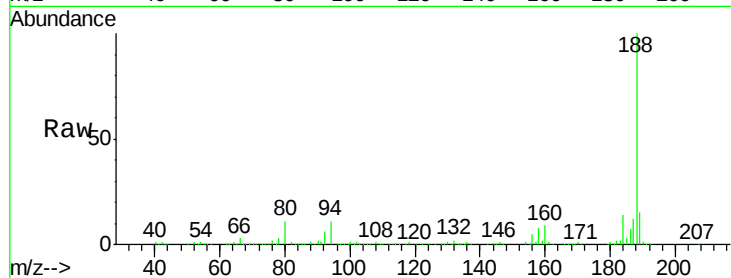




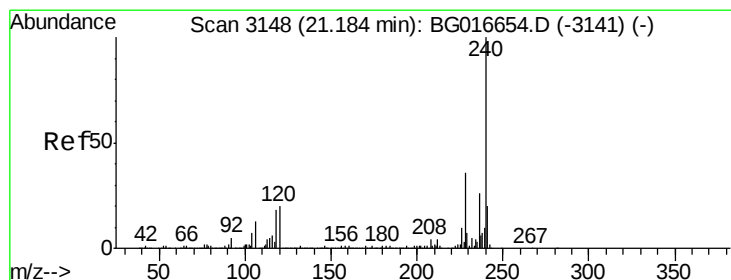
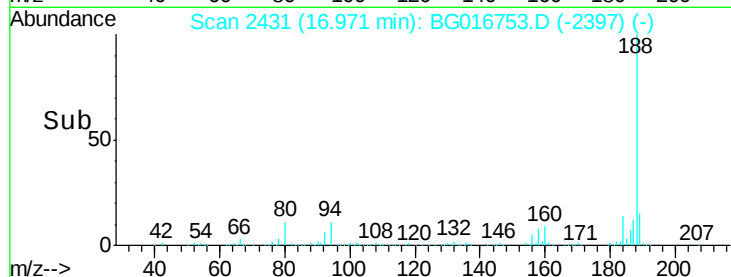
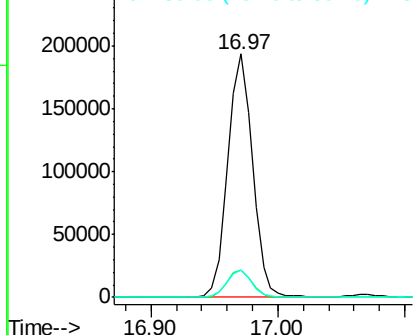
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG016753.D
Acq: 28 Apr 2015 5:10

Instrument :
BNA_G
ClientSampled :
SB-73D

Tot Ion:188 Resp: 261731
Ion Ratio Lower Upper
188 100
94 11.3 10.7 16.1
80 11.3 9.9 14.9

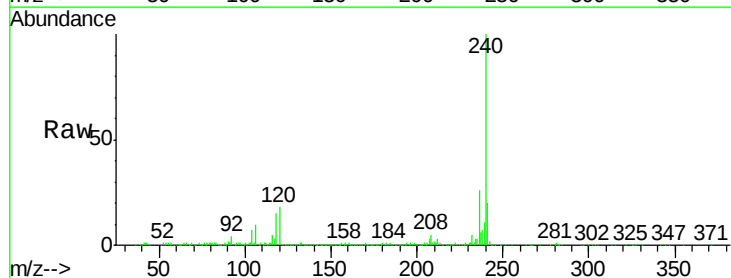


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): B
Ion 80.00 (79.70 to 80.70): B

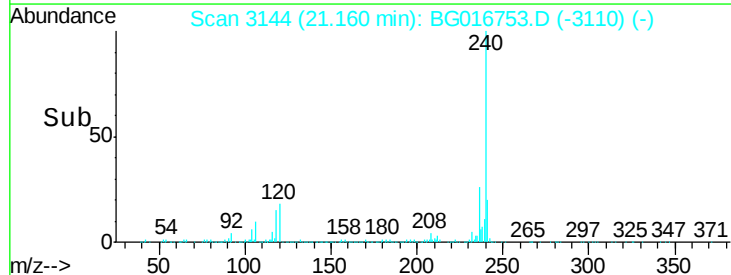
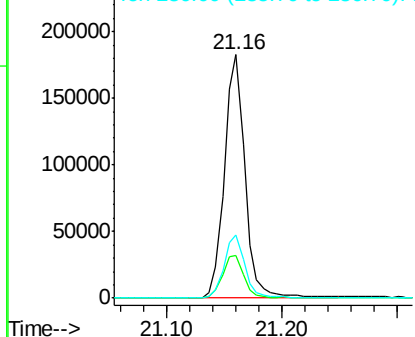


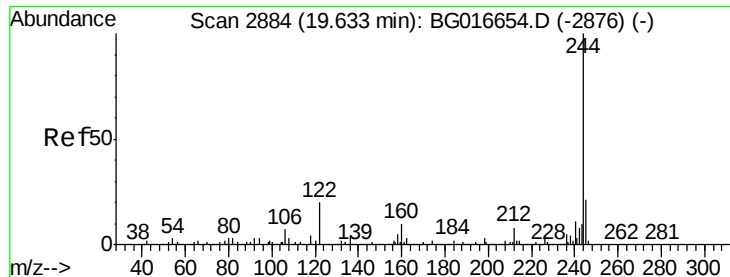
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG016753.D
Acq: 28 Apr 2015 5:10

Tgt Ion:240 Resp: 226946
Ion Ratio Lower Upper
240 100
120 17.6 16.3 24.5
236 26.1 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: 54.55 ng

RT: 19.60 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG016753.D

Acq: 28 Apr 2015 5:10

Instrument :

BNA_G

ClientSampled :

SB-73D

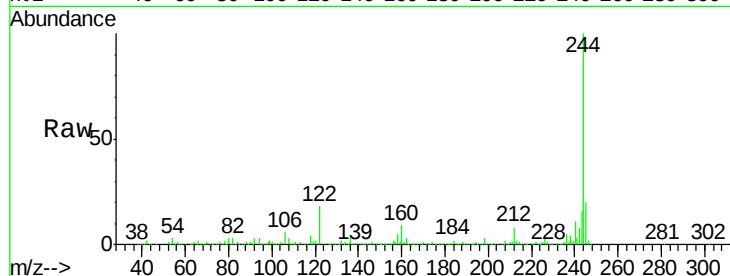
Tot Ion:244 Resp: 537454

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

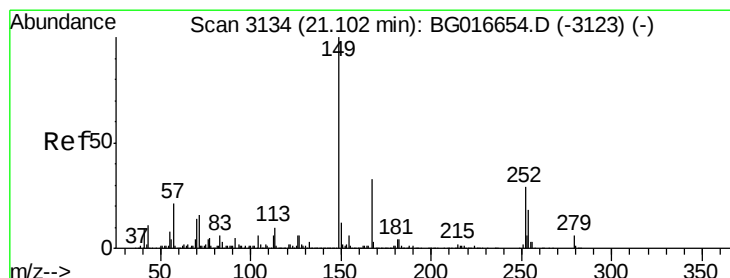
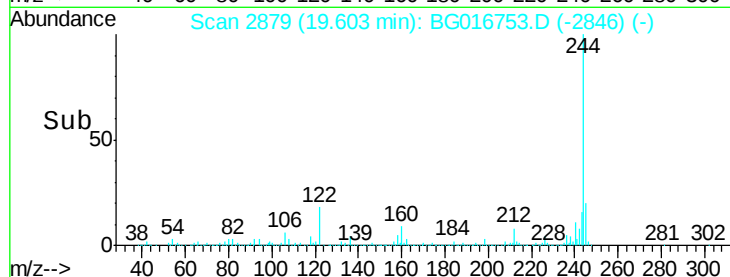
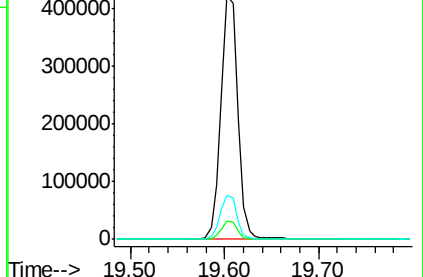
122 18.2 15.9 23.9



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: 3.94 ng

RT: 21.07 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BG016753.D

Acq: 28 Apr 2015 5:10

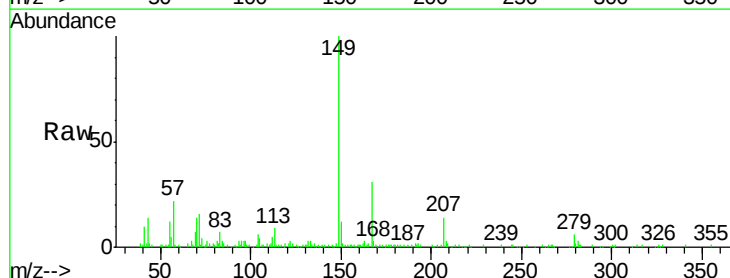
Tgt Ion:149 Resp: 42069

Ion Ratio Lower Upper

149 100

167 30.7 26.6 39.8

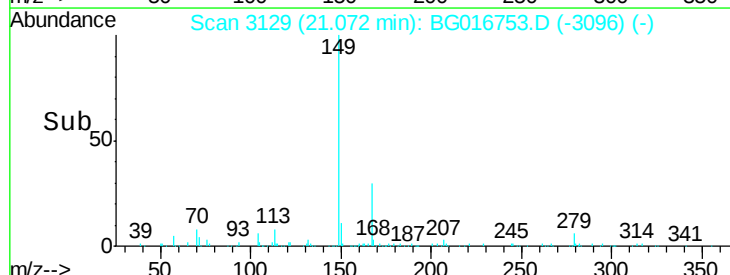
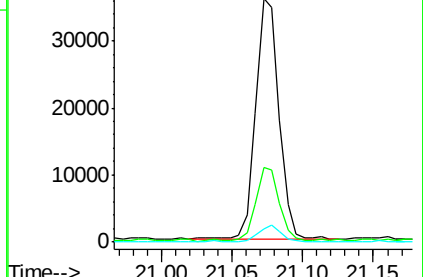
279 5.5 5.1 7.7

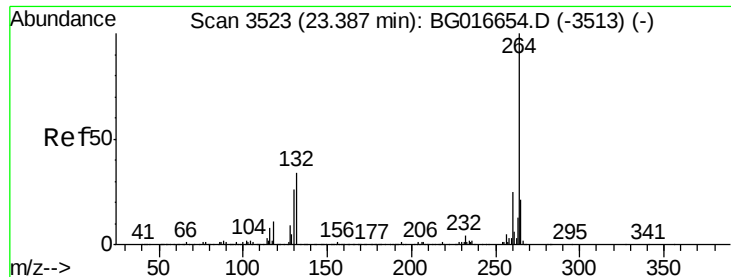


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

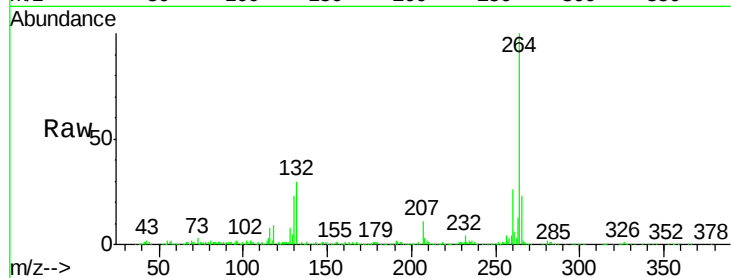




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG016753.D
Acq: 28 Apr 2015 5:10

Instrument :
BNA_G
ClientSampleId :
SB-73D

Tot Ion:264 Resp: 219433
Ion Ratio Lower Upper
264 100
260 25.7 20.0 30.0
265 22.6 16.8 25.2



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

