

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
 Data File : BG021735.D
 Acq On : 18 Apr 2016 11:46
 Operator : UM/SJ
 Sample : H2558-07DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-20-6-6.5DL

Quant Time: Apr 18 13:23:04 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

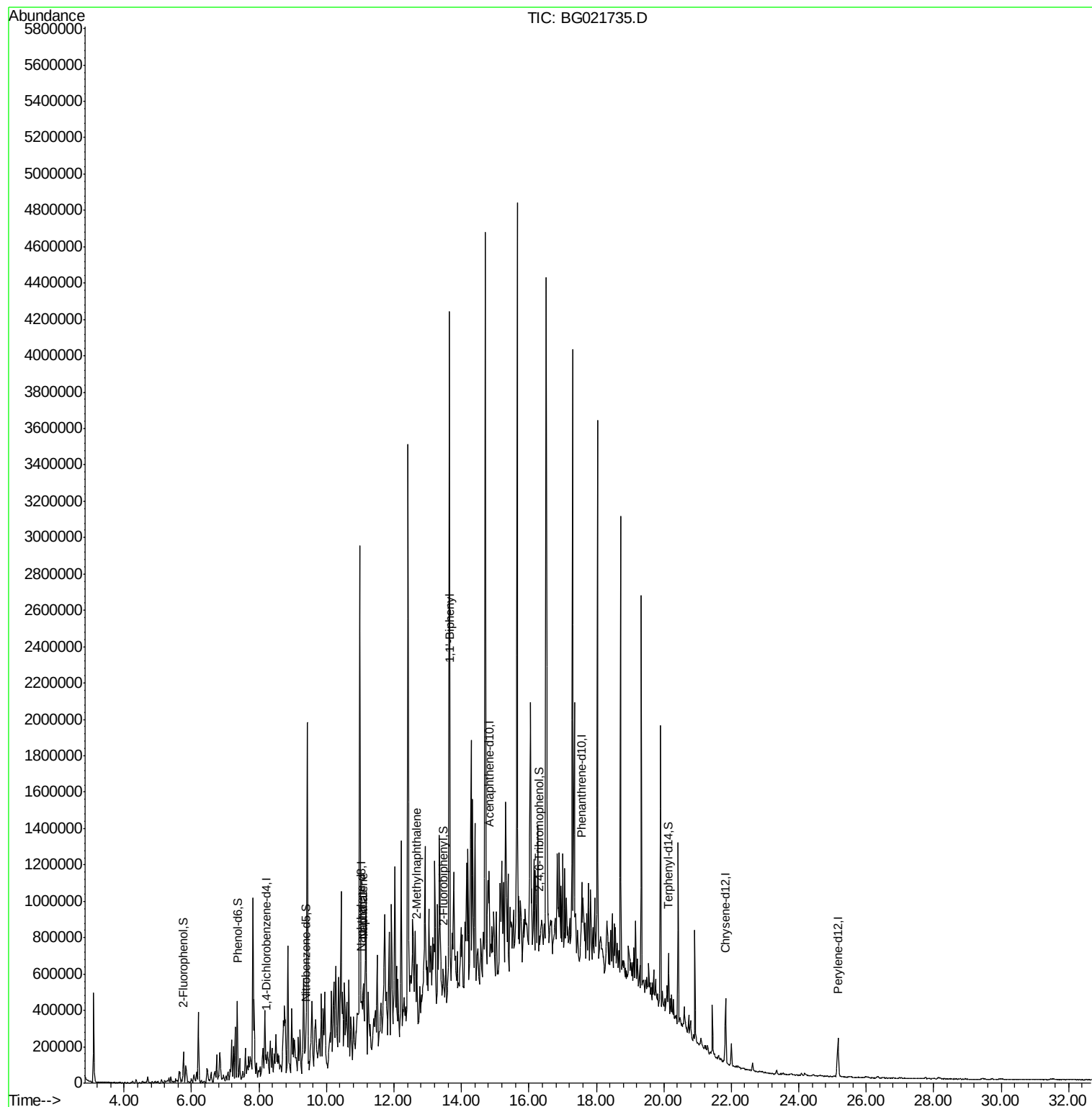
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	32045	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	149372	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	96880	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	189709	20.00	ng	0.00
75) Chrysene-d12	21.83	240	217775	20.00	ng	0.00
86) Perylene-d12	25.16	264	216168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	39950	20.76	ng	0.00
7) Phenol-d6	7.36	99	62179	21.63	ng	0.00
23) Nitrobenzene-d5	9.38	82	60179	20.71	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	19745	18.91	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	96672	14.62	ng	0.00
78) Terphenyl-d14	20.14	244	126980	14.55	ng	0.00
Target Compounds						
31) Naphthalene	11.08	128	80636	10.09	ng	Qvalue # 76
37) 2-Methylnaphthalene	12.68	142	150690	27.46	ng	96
45) 1,1'-Biphenyl	13.66	154	46956	5.75	ng	98

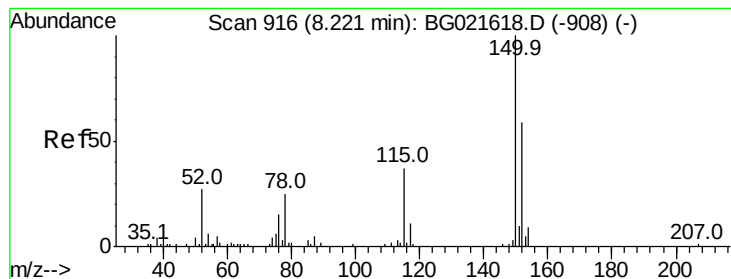
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.22 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021735.D

Acq: 18 Apr 2016 11:46

Instrument :

BNA_G

ClientSampleId :

SB-20-6-6.5DL

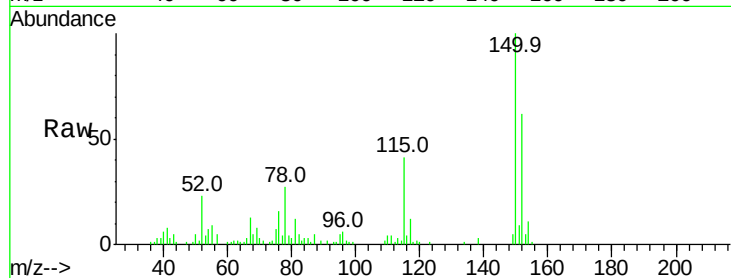
Tot Ion:152 Resp: 32045

Ion Ratio Lower Upper

152 100

150 161.1 130.1 195.1

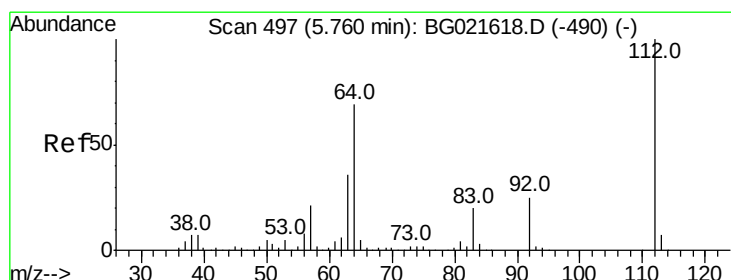
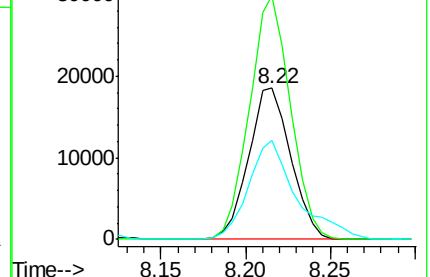
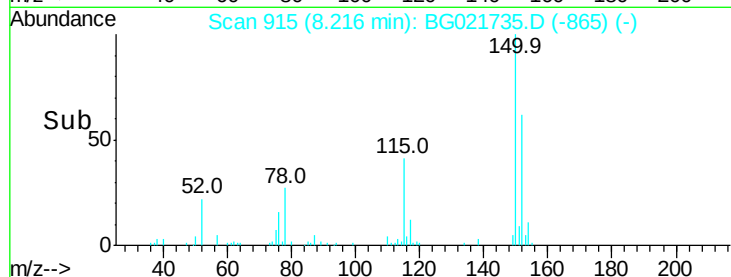
115 65.3 62.2 93.2



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: 20.76 ng

RT: 5.76 min Scan# 497

Delta R.T. 0.00 min

Lab File: BG021735.D

Acq: 18 Apr 2016 11:46

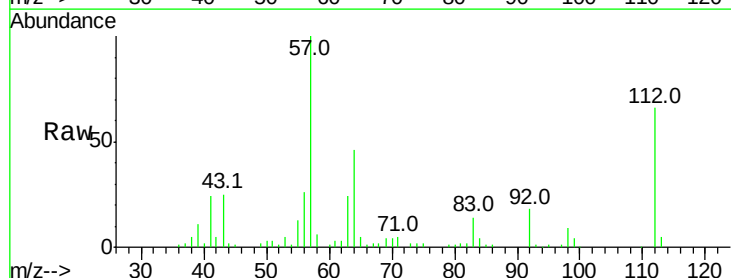
Tgt Ion:112 Resp: 39950

Ion Ratio Lower Upper

112 100

64 69.8 51.1 76.7

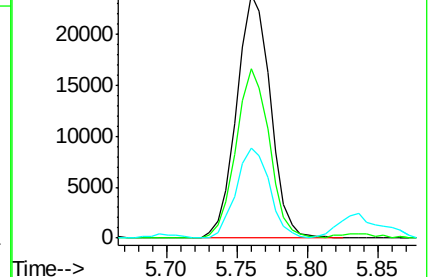
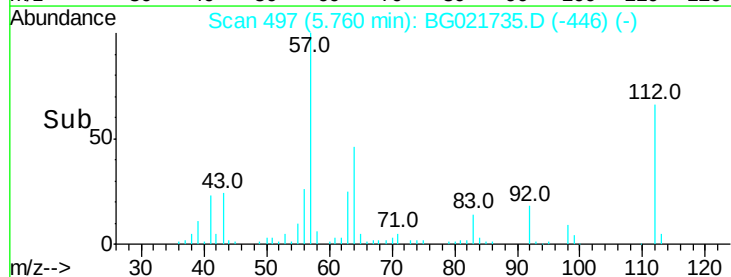
63 37.1 24.6 37.0#

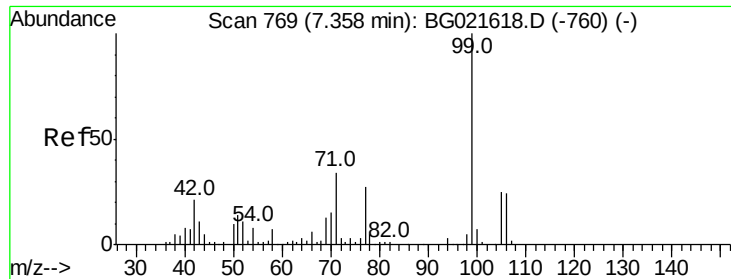


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 21.63 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG021735.D

Acq: 18 Apr 2016 11:46

Instrument :

BNA_G

ClientSampleId :

SB-20-6-6.5DL

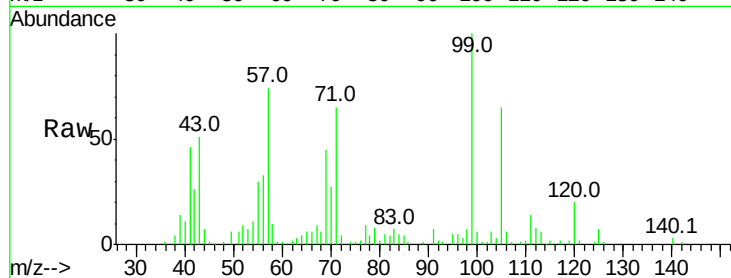
Tot Ion: 99 Resp: 62179

Ion Ratio Lower Upper

99 100

42 26.4 16.4 24.6#

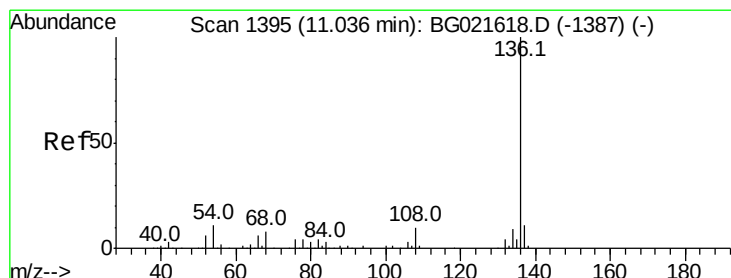
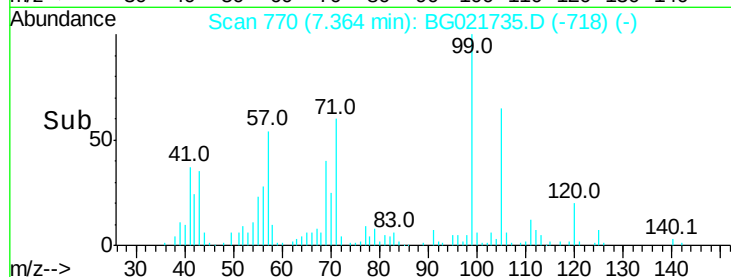
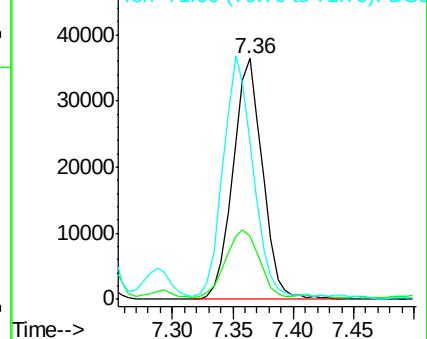
71 65.1 25.0 37.4#



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: 11.04 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BG021735.D

Acq: 18 Apr 2016 11:46

Tgt Ion: 136 Resp: 149372

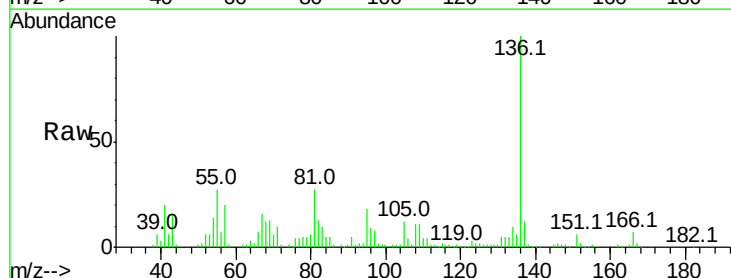
Ion Ratio Lower Upper

136 100

137 12.2 9.0 13.4

54 14.0 9.6 14.4

68 11.8 6.4 9.6#

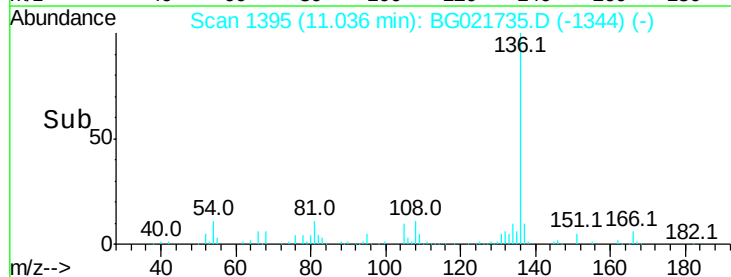
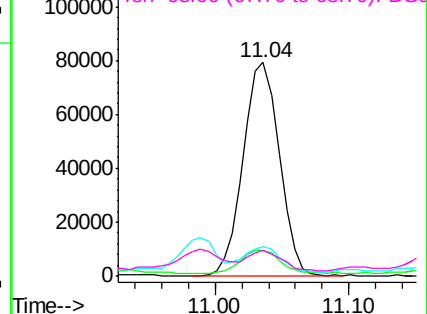


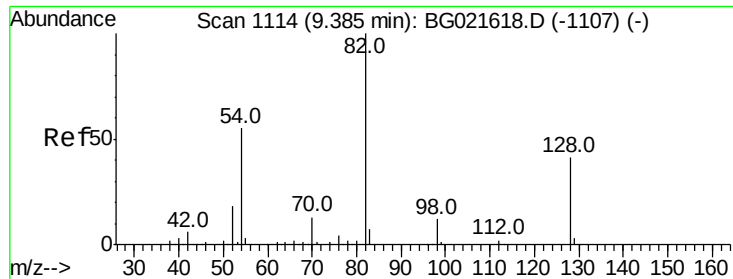
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

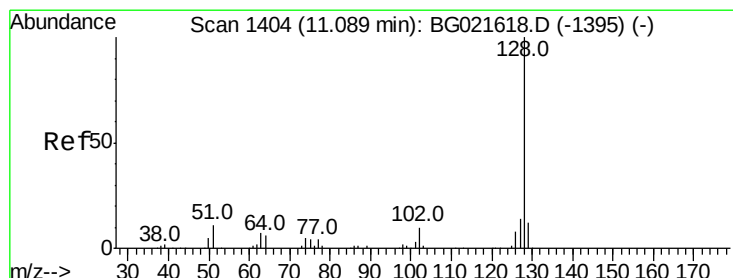
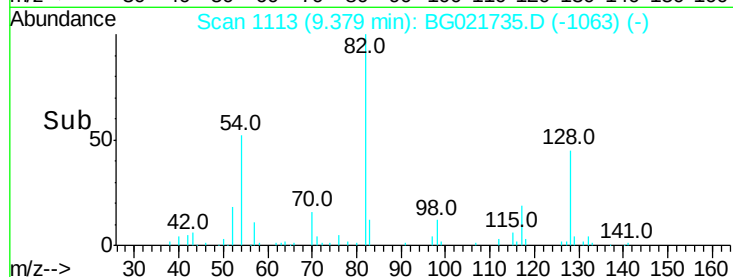
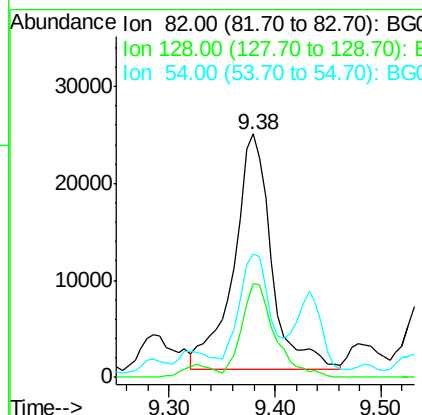
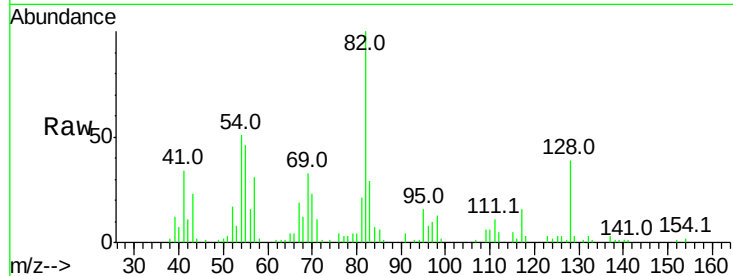




#23
 Nitrobenzene-d5
 Concen: 20.71 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BG021735.D
 Acq: 18 Apr 2016 11:46

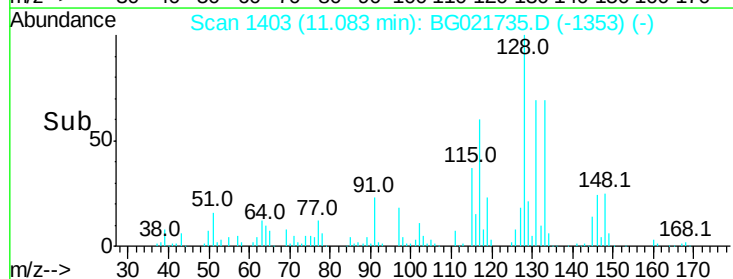
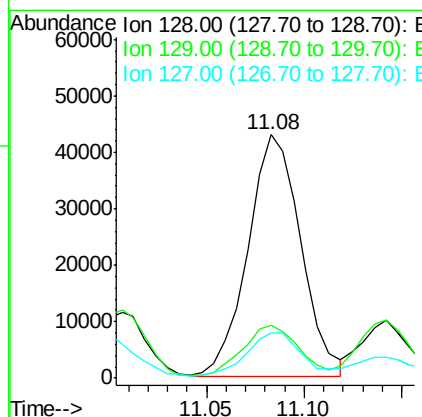
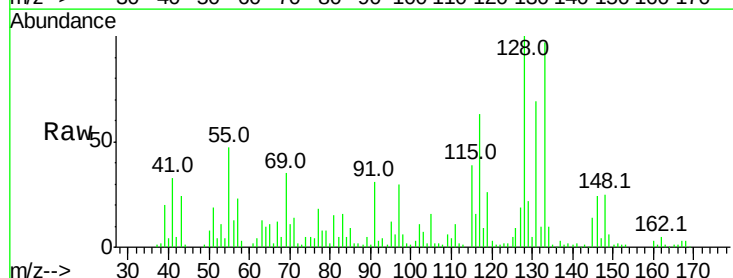
Instrument :
 BNA_G
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 SB-20-6-6.5DL

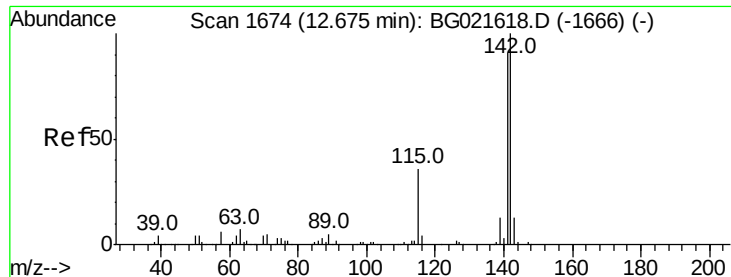
Tot Ion	82	Resp	60179
Ion	Ratio	Lower	Upper
82	100		
128	38.7	33.4	50.0
54	50.8	46.1	69.1



#31
 Naphthalene
 Concen: 10.09 ng
 RT: 11.08 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BG021735.D
 Acq: 18 Apr 2016 11:46

Tgt Ion	128	Resp	80636
Ion	Ratio	Lower	Upper
128	100		
129	21.6	7.0	10.6#
127	18.6	10.1	15.1#

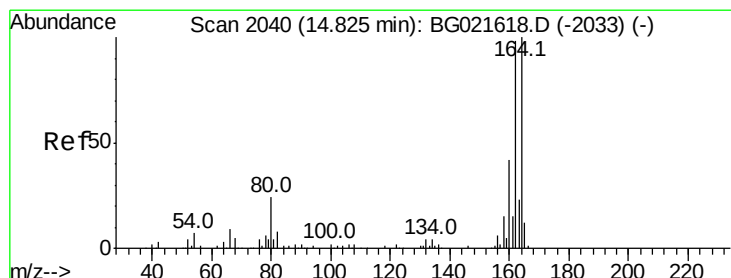
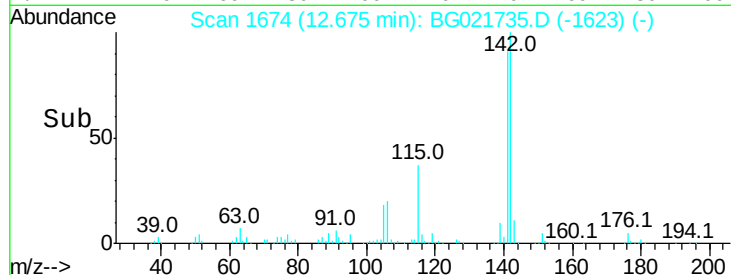
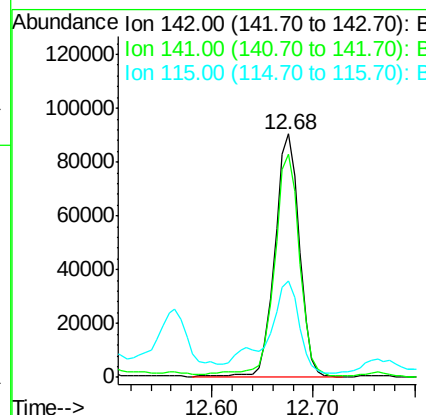
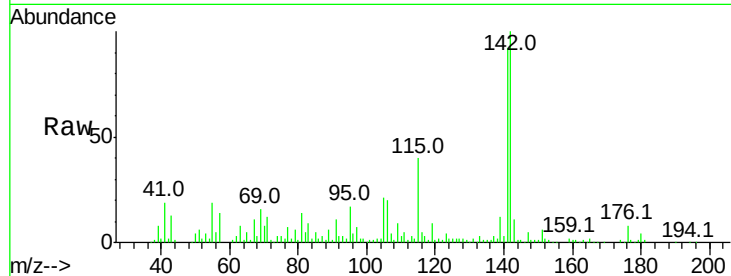




#37
 2-Methylnaphthalene
 Concen: 27.46 ng
 RT: 12.68 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BG021735.D
 Acq: 18 Apr 2016 11:46

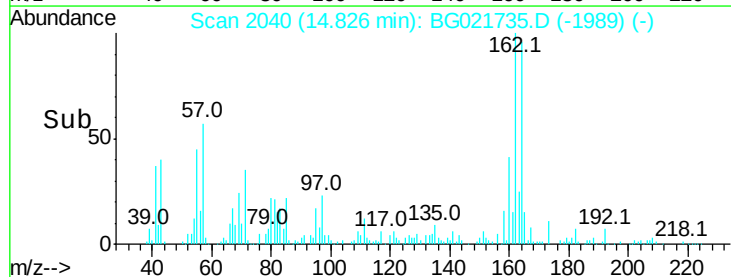
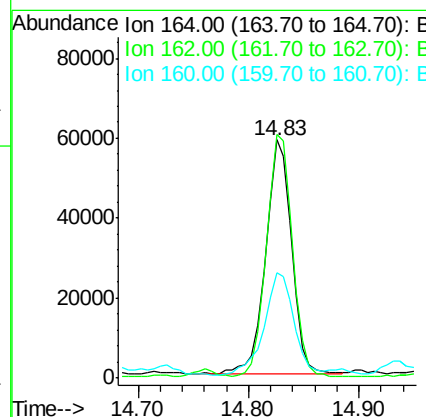
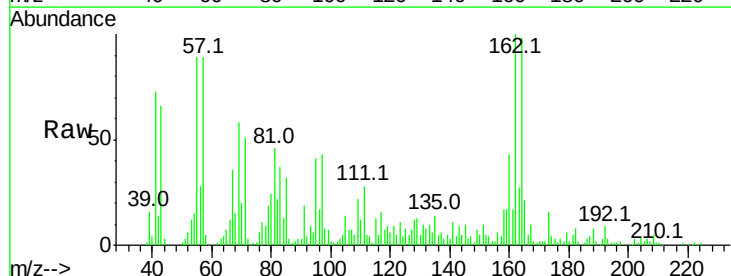
Instrument :
 BNA_G
 ClientSampleId :
 SB-20-6-6.5DL

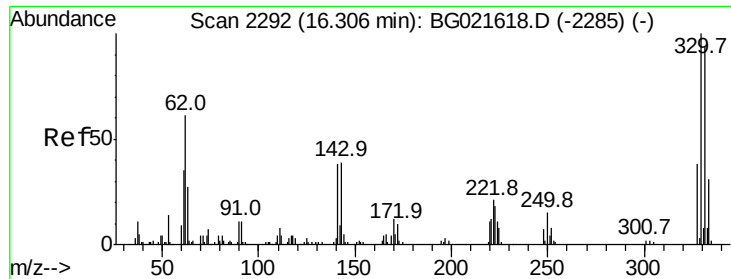
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.4	107.0
115	39.6	27.4	41.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BG021735.D
 Acq: 18 Apr 2016 11:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.0	117.0
160	44.2	32.9	49.3

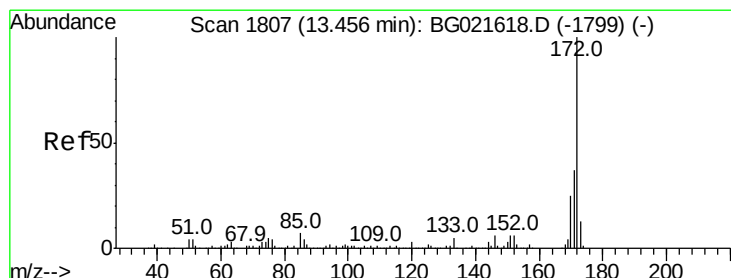
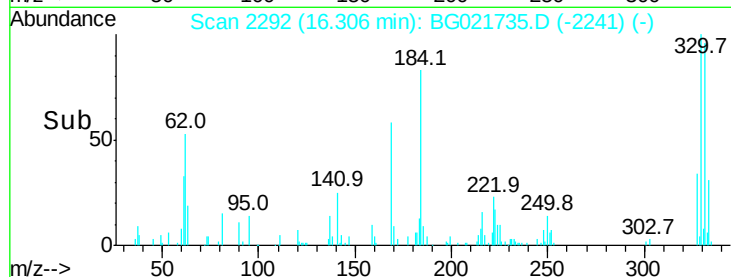
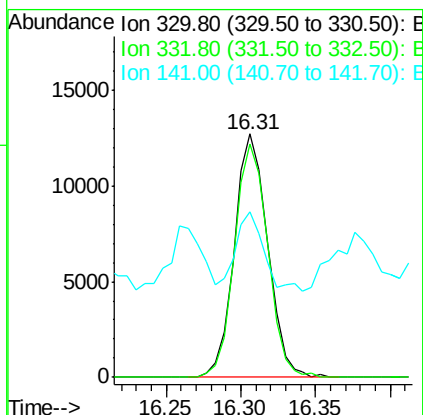
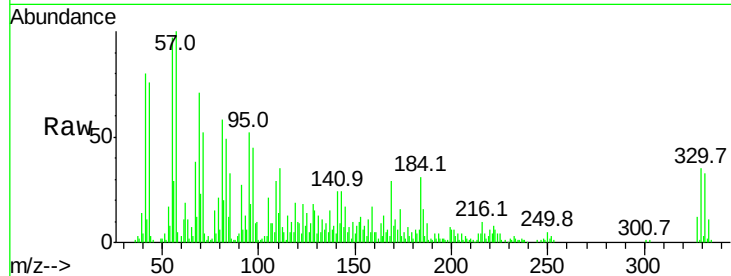




#41
 2,4,6-Tribromophenol
 Concen: 18.91 ng
 RT: 16.31 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BG021735.D
 Acq: 18 Apr 2016 11:46

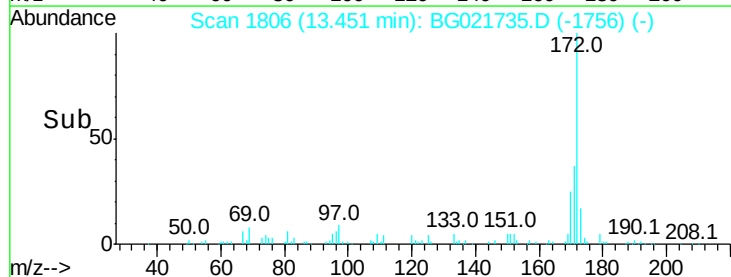
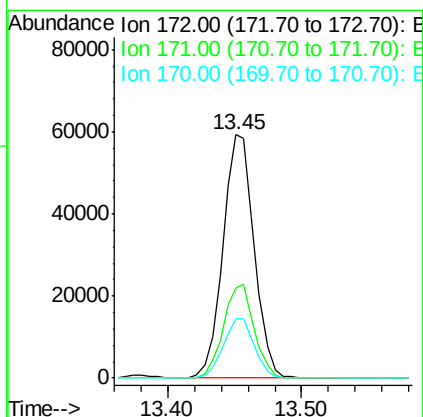
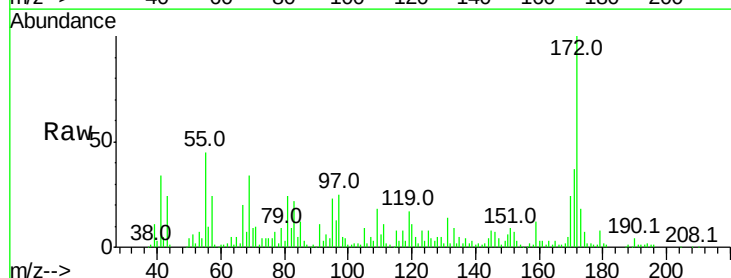
Instrument :
 BNA_G
 ClientSampleId :
 SB-20-6-6.5DL

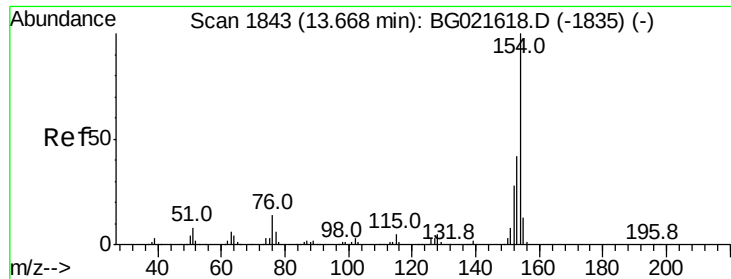
Tot Ion:330 Resp: 19745
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.0 117.0
 141 27.2 33.8 50.8#



#44
 2-Fluorobiphenyl
 Concen: 14.62 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021735.D
 Acq: 18 Apr 2016 11:46

Tgt Ion:172 Resp: 96672
 Ion Ratio Lower Upper
 172 100
 171 36.9 27.8 41.6
 170 24.4 19.6 29.4





#45

1,1'-Biphenyl

Concen: 5.75 ng

RT: 13.66 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BG021735.D

Acq: 18 Apr 2016 11:46

Instrument :

BNA_G

ClientSampleId :

SB-20-6-6.5DL

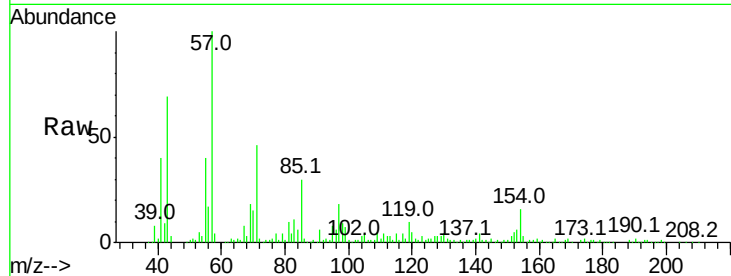
Tot Ion:154 Resp: 46956

Ion Ratio Lower Upper

154 100

153 40.2 19.7 59.7

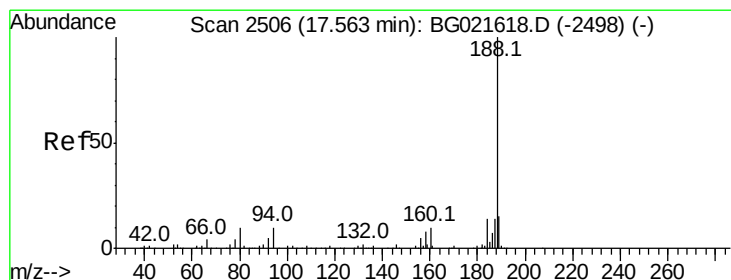
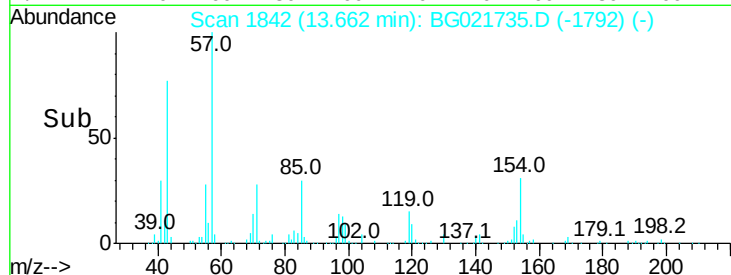
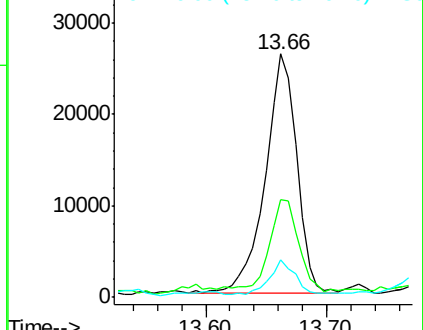
76 15.5 0.0 33.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BG021735.D

Acq: 18 Apr 2016 11:46

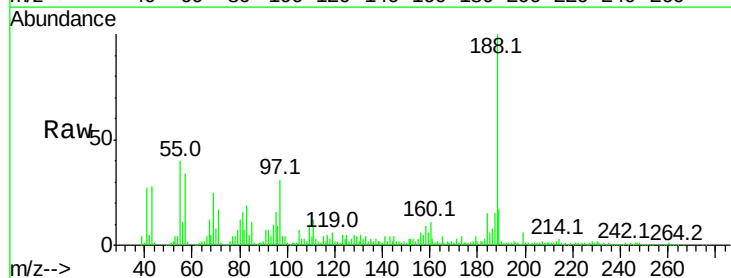
Tgt Ion:188 Resp: 189709

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

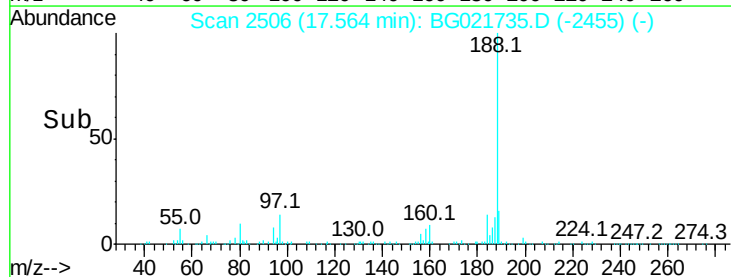
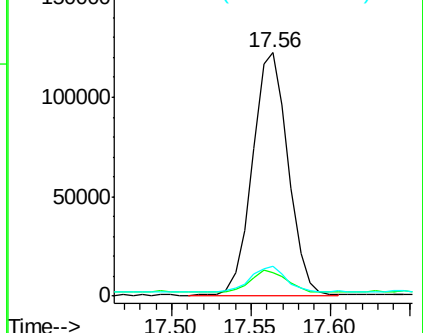
80 12.2 8.6 13.0

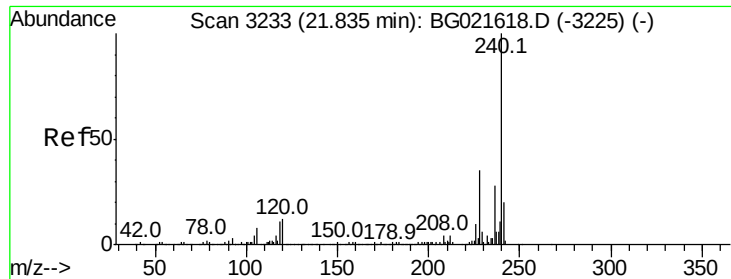


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

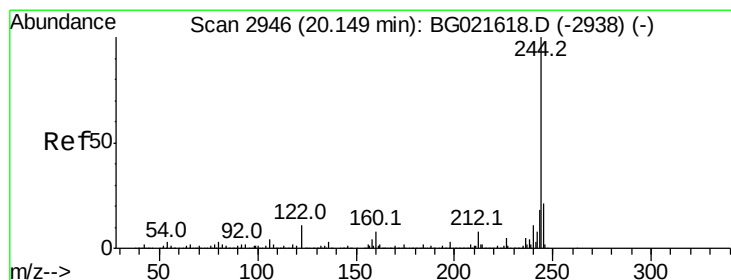
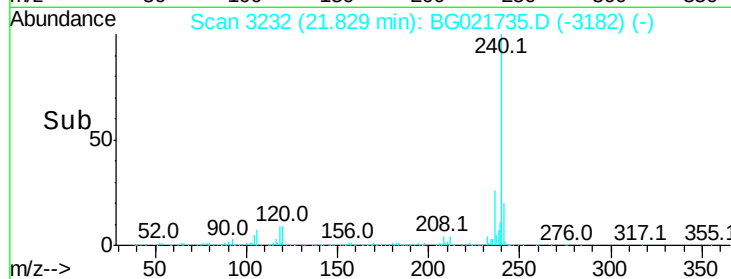
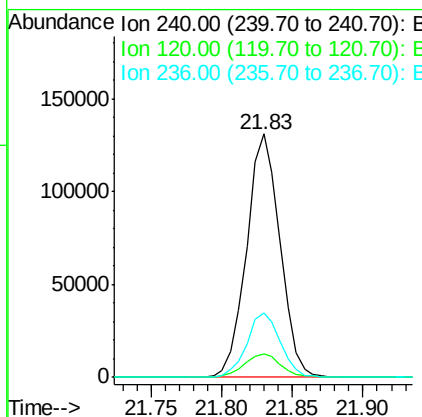
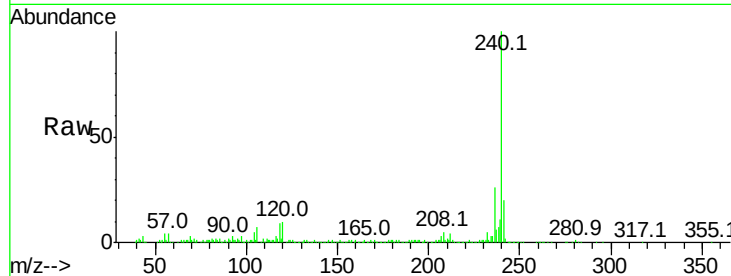




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.83 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG021735.D
 Acq: 18 Apr 2016 11:46

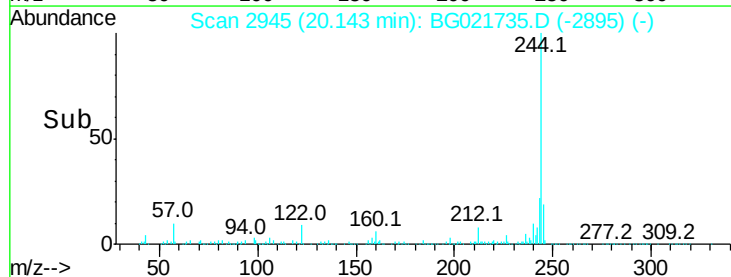
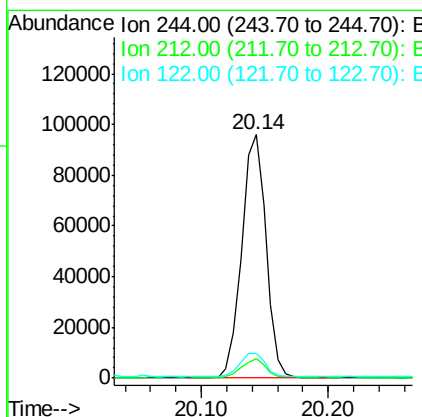
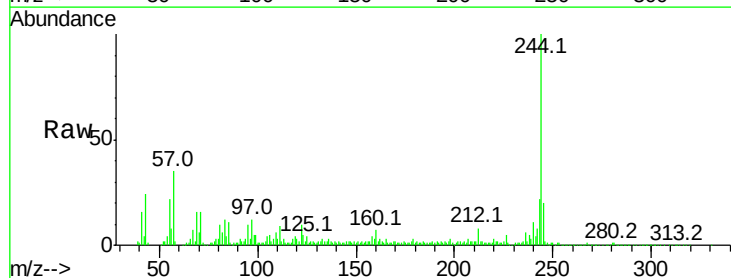
Instrument :
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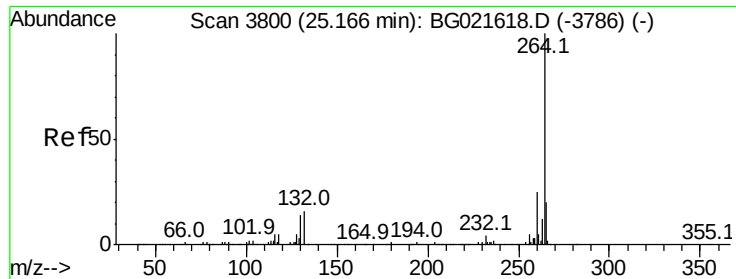
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.4	12.6
236	26.5	19.6	29.4



#78
 Terphenyl-d14
 Concen: 14.55 ng
 RT: 20.14 min Scan# 2945
 Delta R.T. -0.01 min
 Lab File: BG021735.D
 Acq: 18 Apr 2016 11:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	10.2	8.6	12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BG021735.D
Acq: 18 Apr 2016 11:46

Instrument :
BNA_G
ClientSampleId :
SB-20-6-6.5DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.2	30.4
265	21.3	17.8	26.8

