

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
 Data File : BG023017.D
 Acq On : 12 Jul 2016 1:58
 Operator : UM/SJ
 Sample : H3967-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0009

Quant Time: Jul 12 04:47:18 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

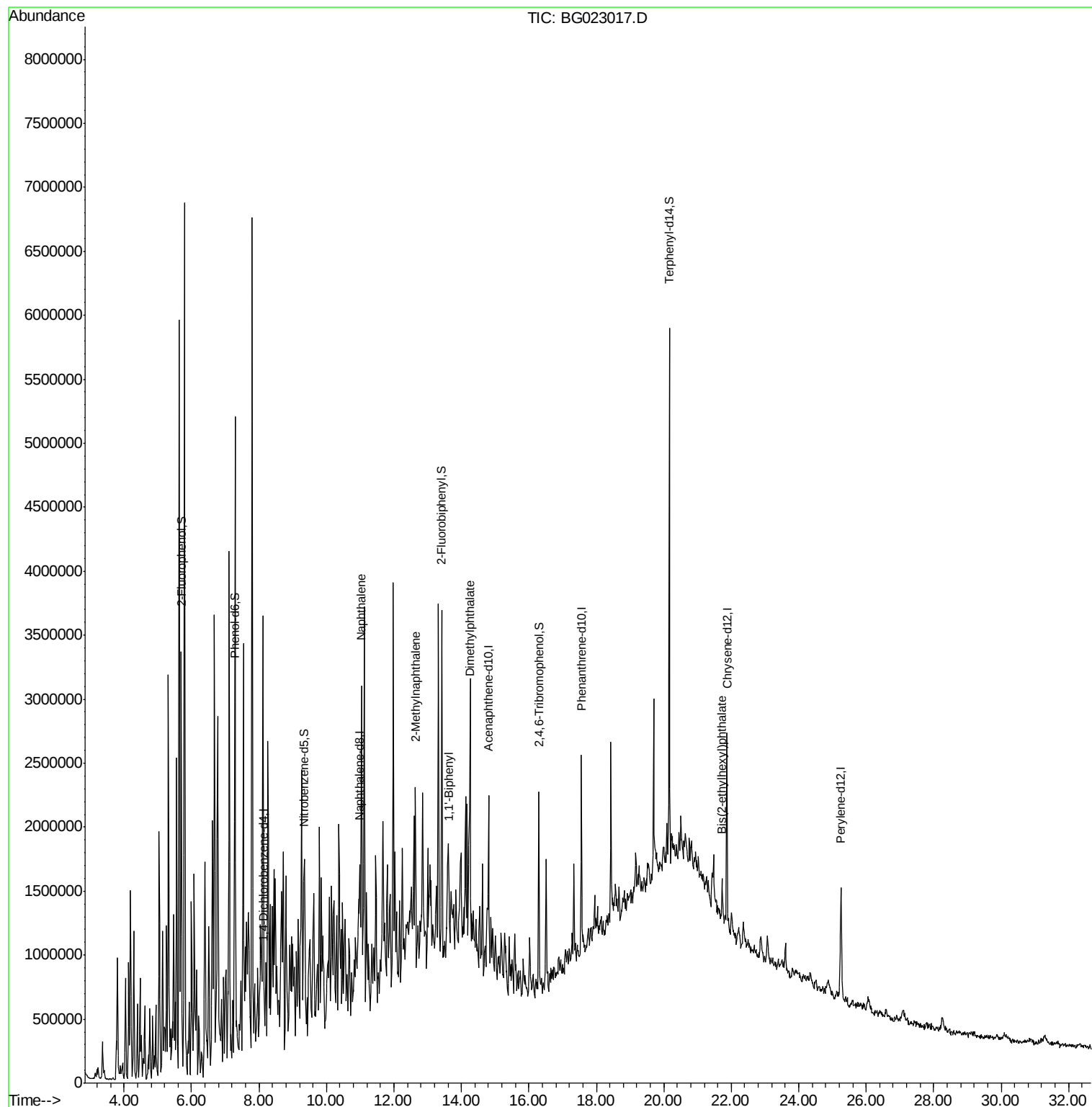
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	117952	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	560647	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	394213	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	851324	20.00	ng	0.00
75) Chrysene-d12	21.87	240	940086	20.00	ng	0.02
86) Perylene-d12	25.25	264	972102	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	149733	20.76	ng	0.00
7) Phenol-d6	7.30	99	175967	15.58	ng	0.00
23) Nitrobenzene-d5	9.33	82	680080	51.94	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	281843	39.78	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1363061	54.46	ng	0.00
78) Terphenyl-d14	20.16	244	1646104	46.09	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.04	128	1507166	52.81	ng	98
37) 2-Methylnaphthalene	12.63	142	671694	29.78	ng	99
45) 1,1'-Biphenyl	13.63	154	95666	3.23	ng	98
49) Dimethylphthalate	14.24	163	365195	11.34	ng	97
83) Bis(2-ethylhexyl)phthalate	21.72	149	68074	2.34	ng	# 99

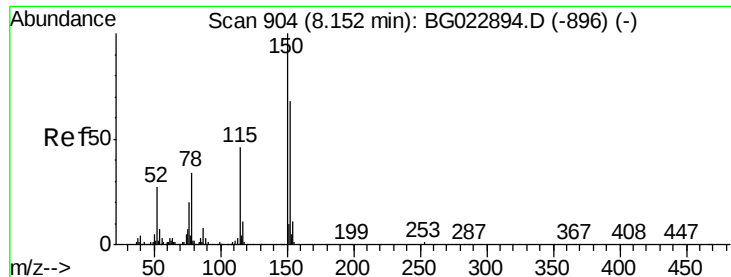
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 07 16:51:07 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

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Acq: 12 Jul 2016 1:58

Instrument :

BNA_G

ClientSampleId :

S22-0009

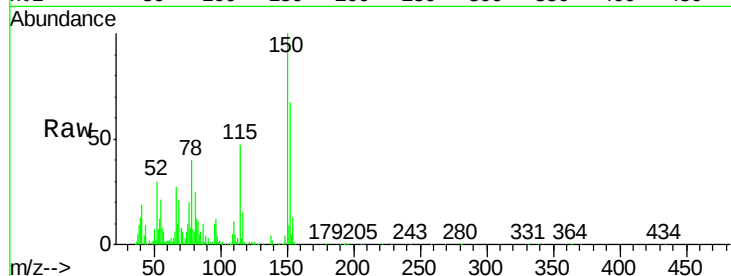
Tot Ion:152 Resp: 117952

Ion Ratio Lower Upper

152 100

150 149.5 144.7 217.1

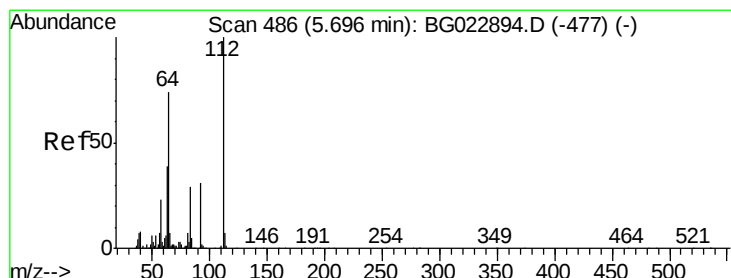
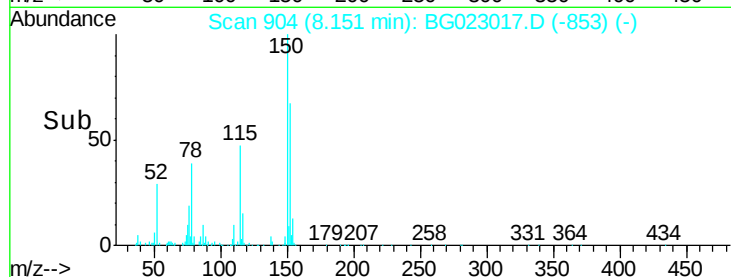
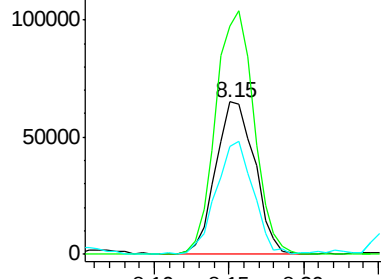
115 70.7 64.0 96.0



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: 5.69 min Scan# 486

Delta R.T. -0.00 min

Lab File: BG023017.D

Acq: 12 Jul 2016 1:58

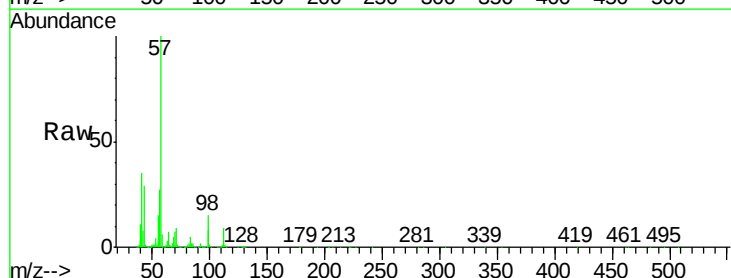
Tgt Ion:112 Resp: 149733

Ion Ratio Lower Upper

112 100

64 76.4 59.0 88.4

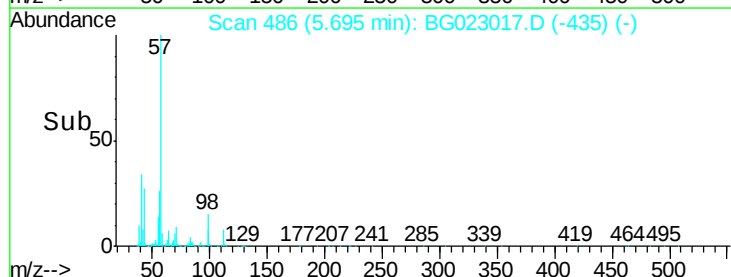
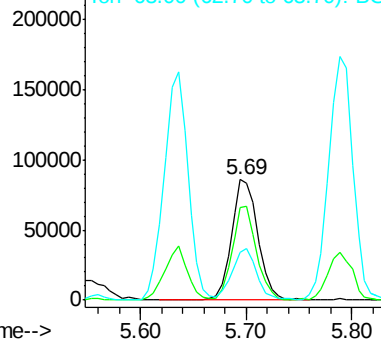
63 39.8 37.8 56.8

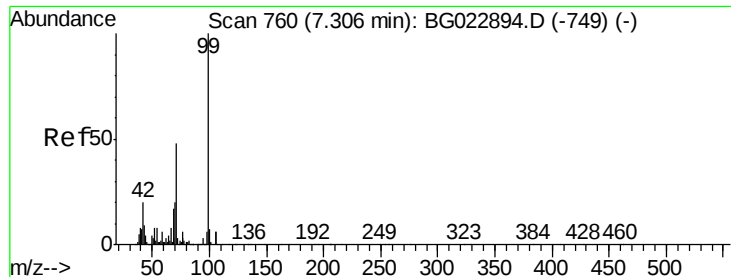


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 15.58 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023017.D

Acq: 12 Jul 2016 1:58

Instrument :

BNA_G

ClientSampleId :

S22-0009

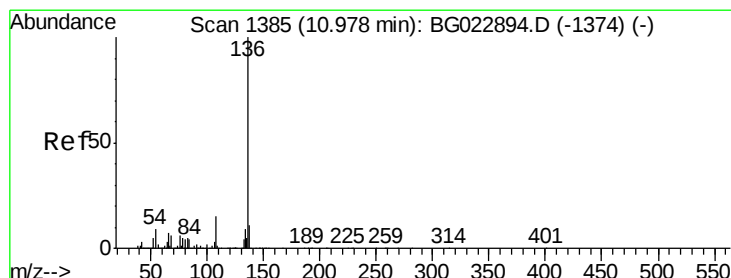
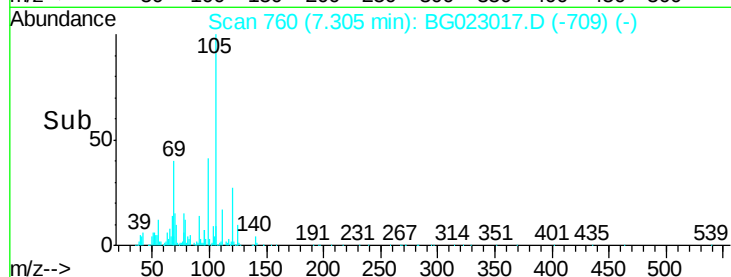
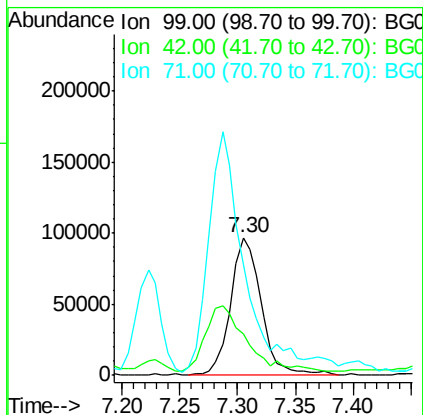
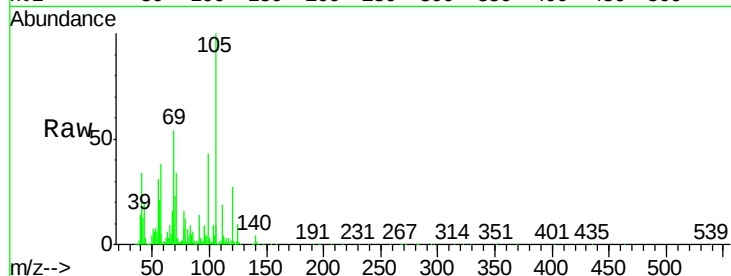
Tot Ion: 99 Resp: 175967

Ion Ratio Lower Upper

99 100

42 29.8 17.8 26.6#

71 79.9 41.5 62.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG023017.D

Acq: 12 Jul 2016 1:58

Tgt Ion: 136 Resp: 560647

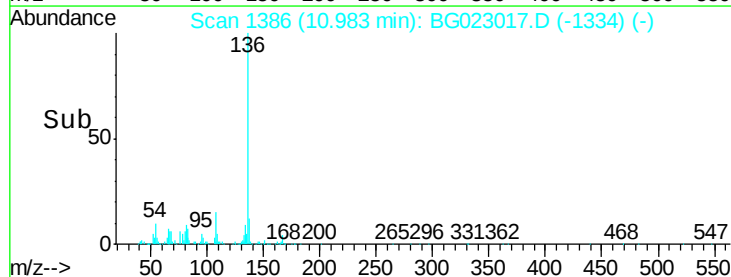
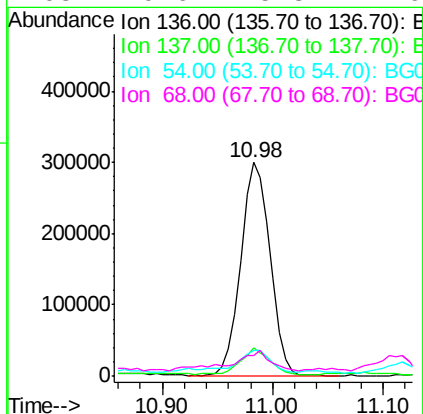
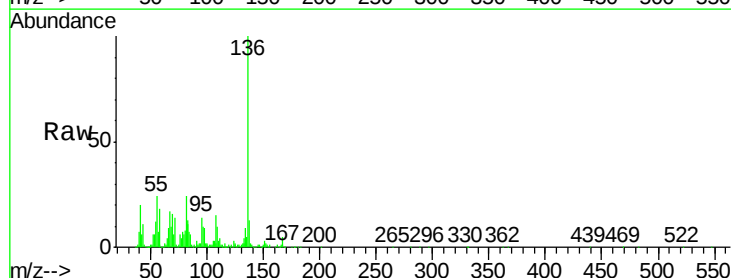
Ion Ratio Lower Upper

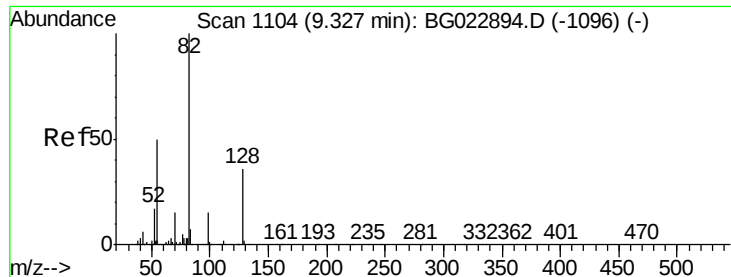
136 100

137 13.0 9.6 14.4

54 11.9 7.3 10.9#

68 9.6 5.3 7.9#

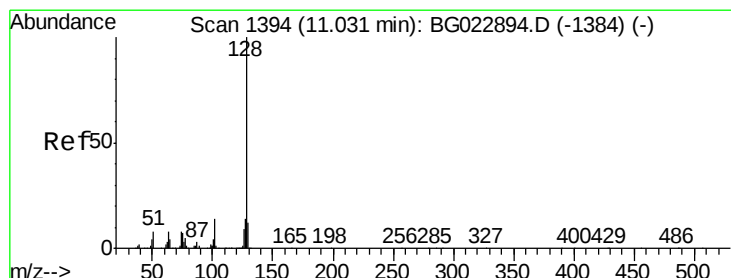
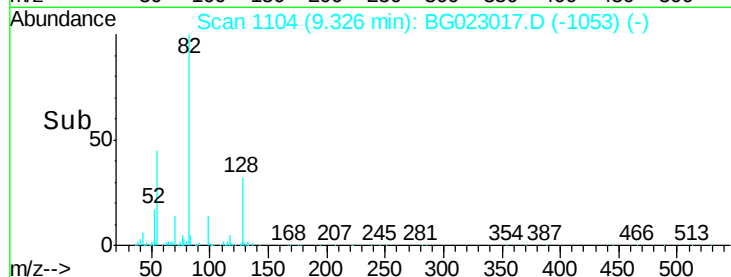
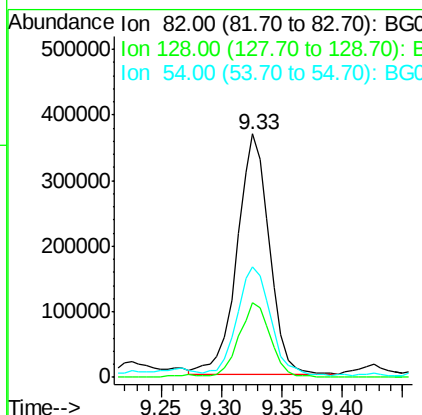
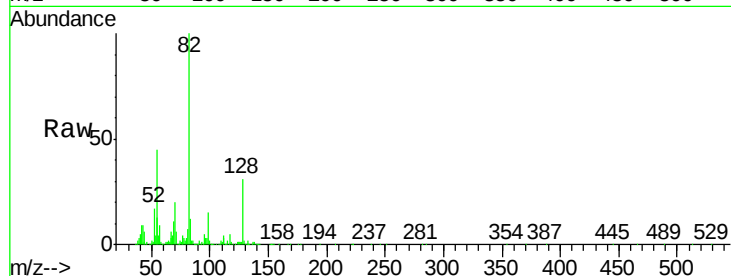




#23
 Nitrobenzene-d5
 Concen: 51.94 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023017.D
 Acq: 12 Jul 2016 1:58

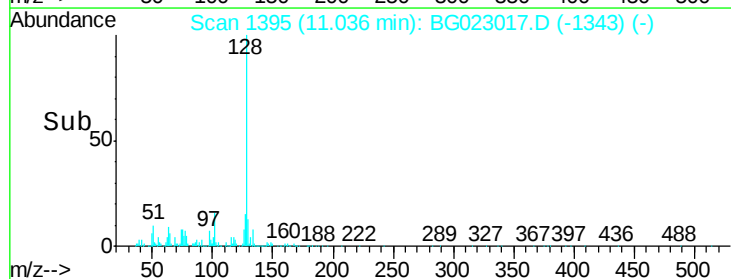
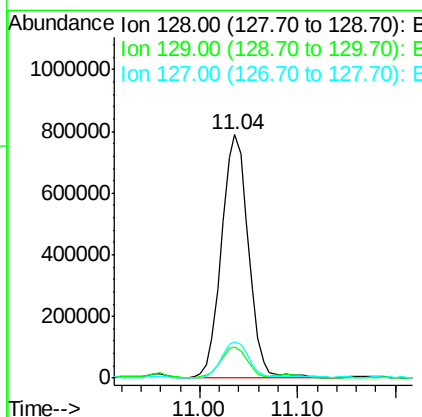
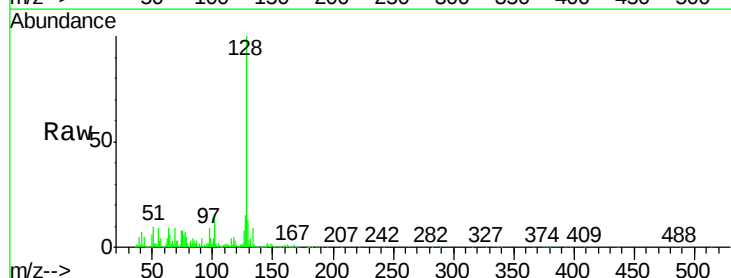
Instrument :
 BNA_G
 ClientSampleId :
 S22-0009

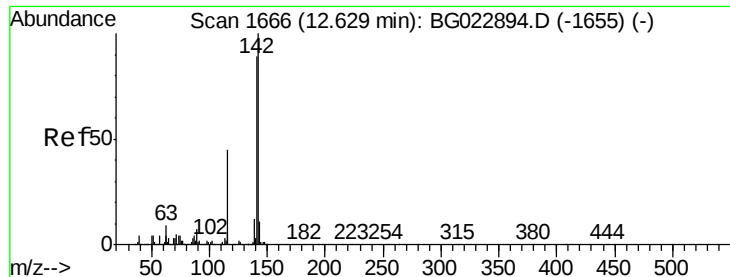
Tot Ion	Ratio	Lower	Upper
82	100		
128	30.8	24.4	36.6
54	45.3	41.4	62.0



#31
 Naphthalene
 Concen: 52.81 ng
 RT: 11.04 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BG023017.D
 Acq: 12 Jul 2016 1:58

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.4	14.0
127	14.8	11.3	16.9

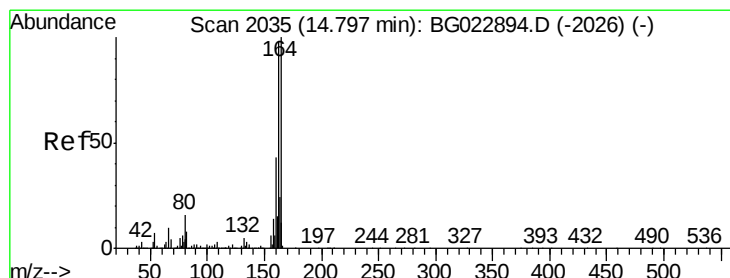
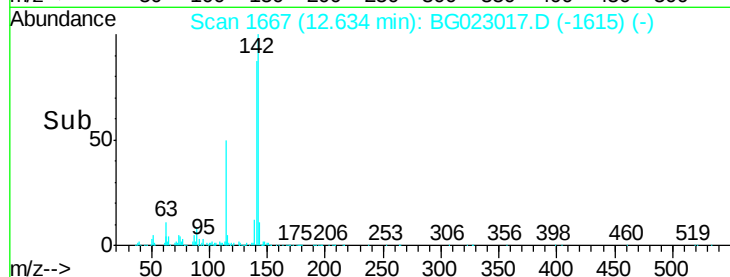
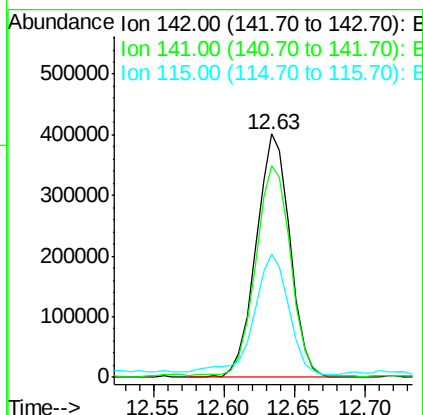
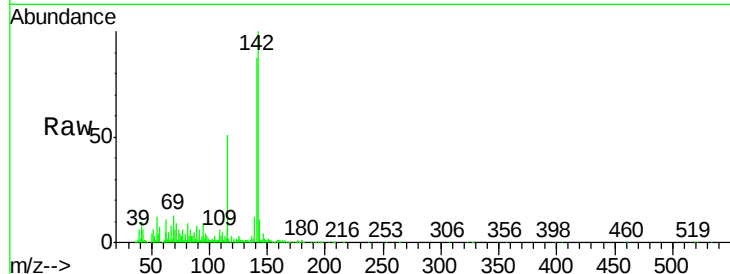




#37
2-Methylnaphthalene
Concen: 29.78 ng
RT: 12.63 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG023017.D
Acq: 12 Jul 2016 1:58

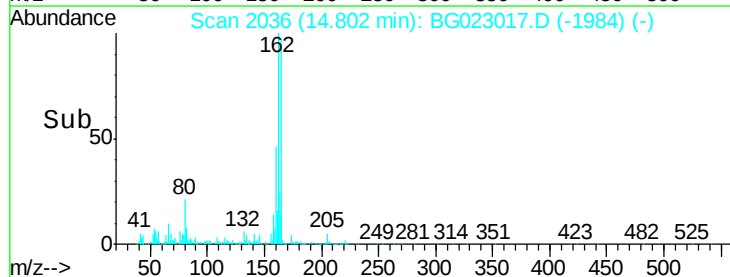
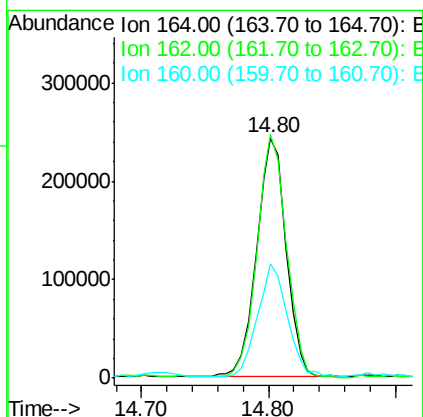
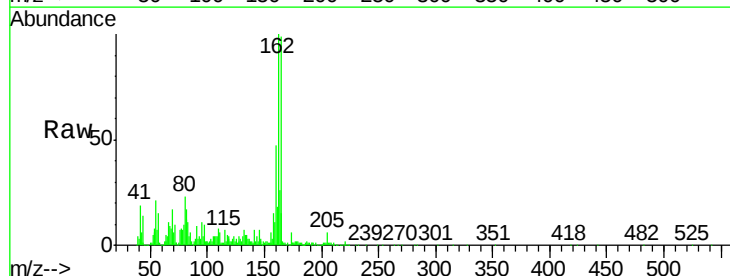
Instrument :
BNA_G
ClientSampleId :
S22-0009

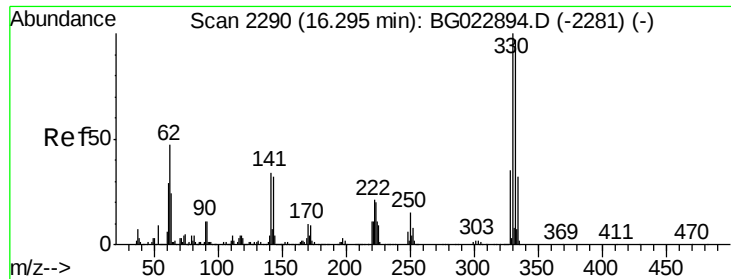
Tot Ion:142 Resp: 671694
Ion Ratio Lower Upper
142 100
141 86.9 70.2 105.2
115 50.6 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG023017.D
Acq: 12 Jul 2016 1:58

Tgt Ion:164 Resp: 394213
Ion Ratio Lower Upper
164 100
162 101.3 87.7 131.5
160 47.5 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 39.78 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG023017.D

Acq: 12 Jul 2016 1:58

Instrument :

BNA_G

ClientSampleId :

S22-0009

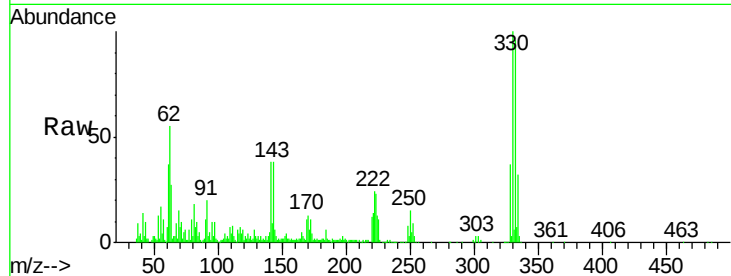
Tot Ion:330 Resp: 281843

Ion Ratio Lower Upper

330 100

332 94.8 77.4 116.2

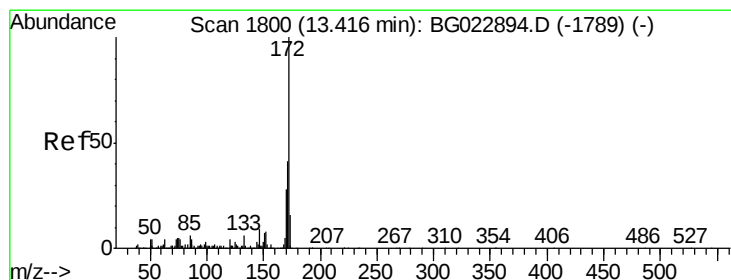
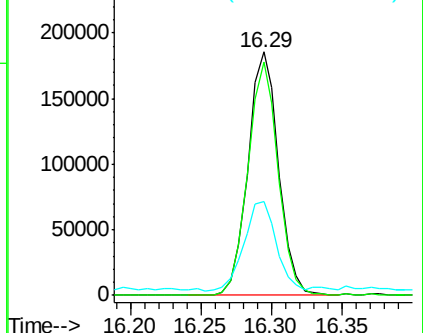
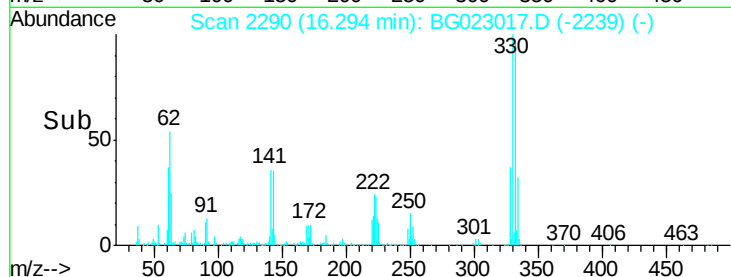
141 38.7 31.7 47.5



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: 54.46 ng

RT: 13.42 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BG023017.D

Acq: 12 Jul 2016 1:58

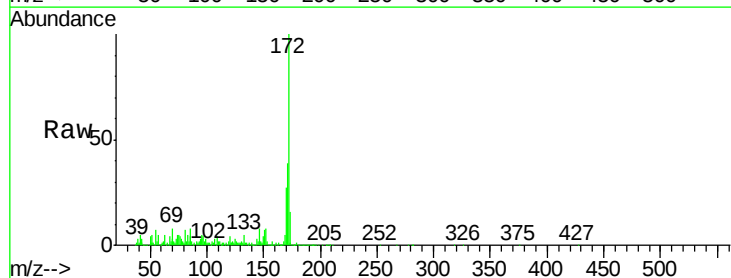
Tgt Ion:172 Resp: 1363061

Ion Ratio Lower Upper

172 100

171 39.1 31.6 47.4

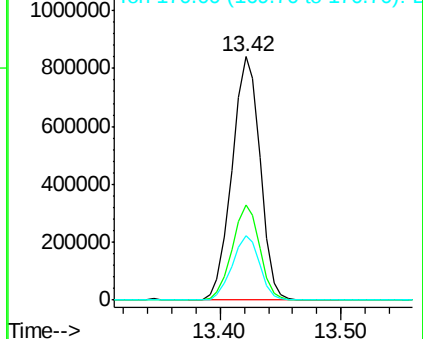
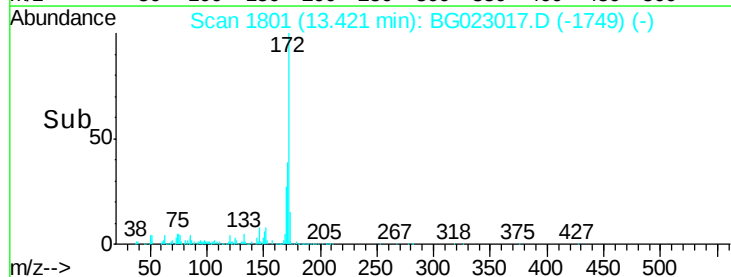
170 26.6 21.3 31.9

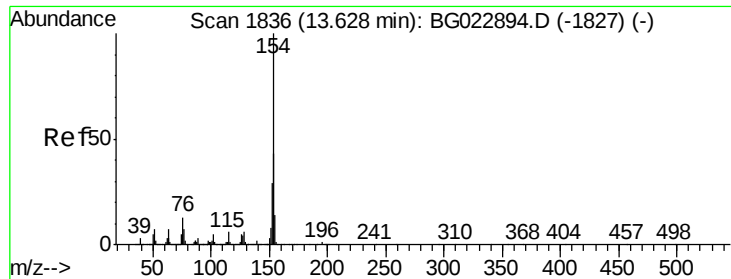


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 3.23 ng

RT: 13.63 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BG023017.D

Acq: 12 Jul 2016 1:58

Instrument :

BNA_G

ClientSampleId :

S22-0009

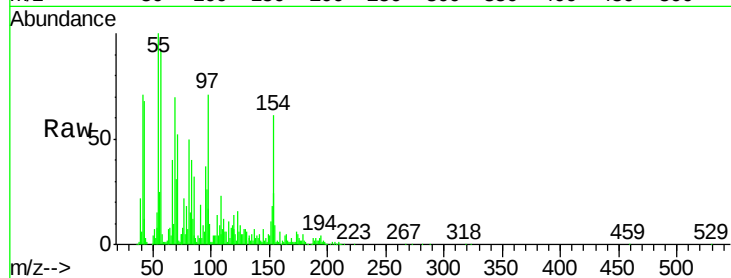
Tot Ion:154 Resp: 95666

Ion Ratio Lower Upper

154 100

153 38.5 20.2 60.2

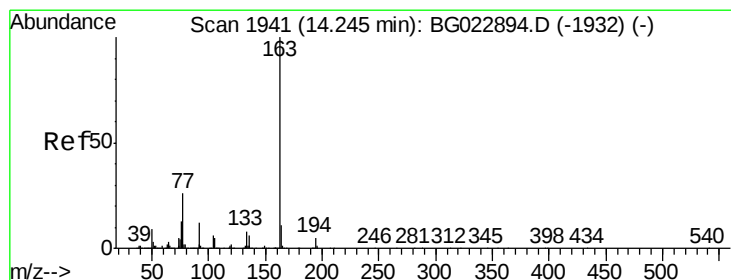
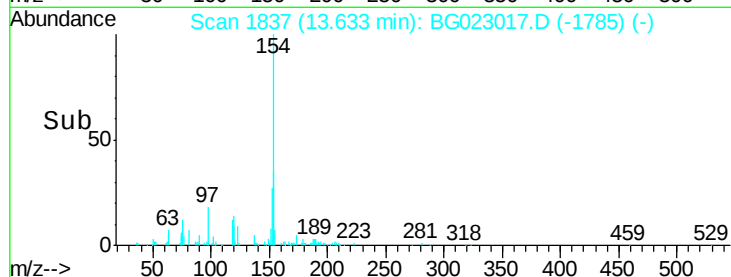
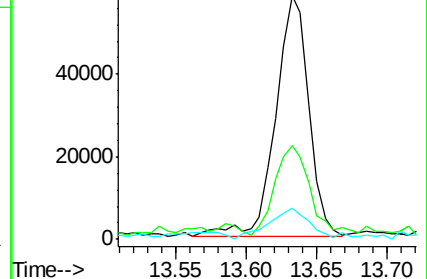
76 12.6 0.0 32.9



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



#49

Dimethylphthalate

Concen: 11.34 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG023017.D

Acq: 12 Jul 2016 1:58

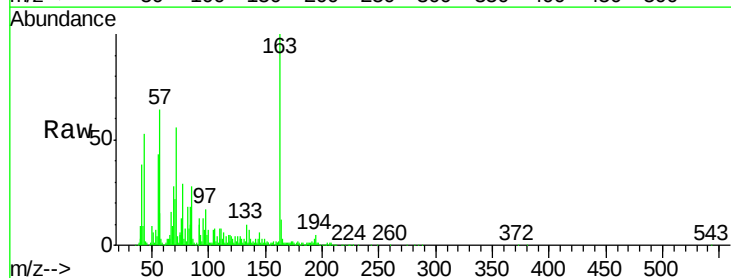
Tgt Ion:163 Resp: 365195

Ion Ratio Lower Upper

163 100

194 5.1 3.6 5.4

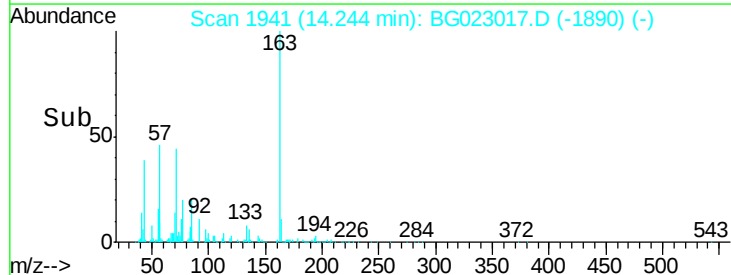
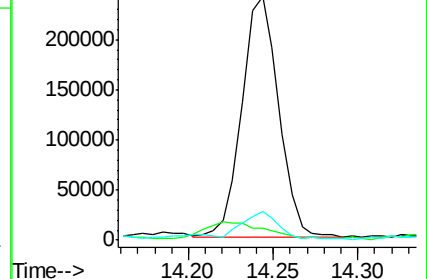
164 11.7 8.1 12.1

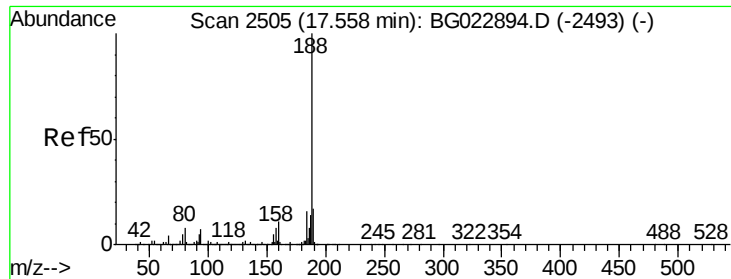


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

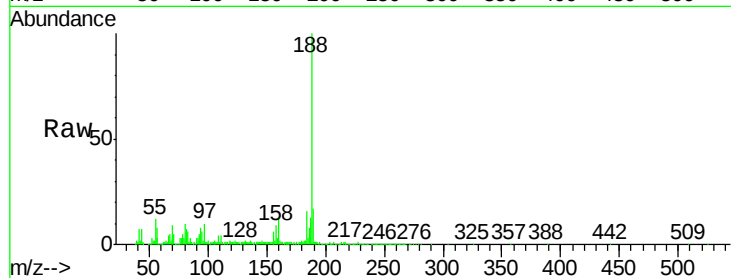




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG023017.D
Acq: 12 Jul 2016 1:58

Instrument :
BNA_G
ClientSampleId :
S22-0009

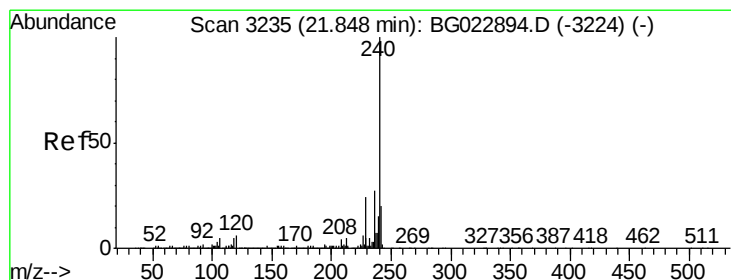
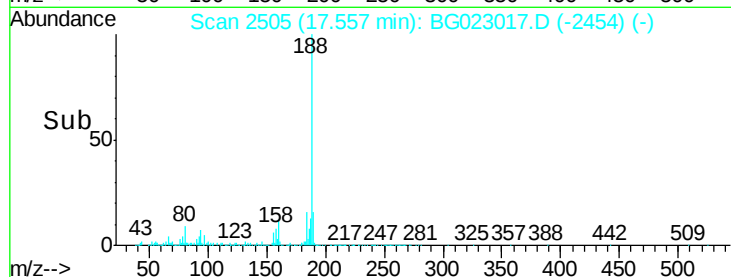
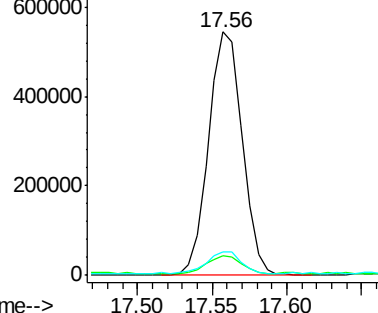
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.2	7.8#
80	9.9	7.2	10.8



Abundance Ion 188.00 (187.70 to 188.70): E

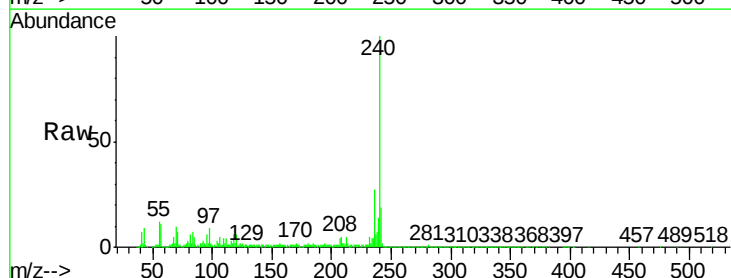
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. 0.02 min
Lab File: BG023017.D
Acq: 12 Jul 2016 1:58

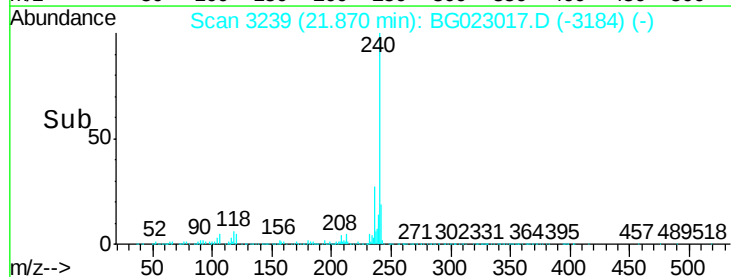
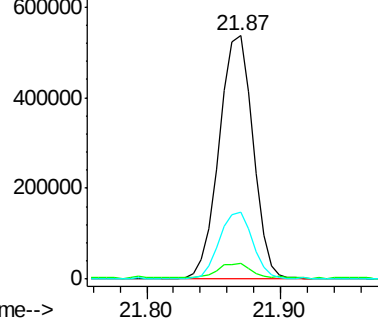
Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	4.1	6.1#
236	27.3	21.1	31.7

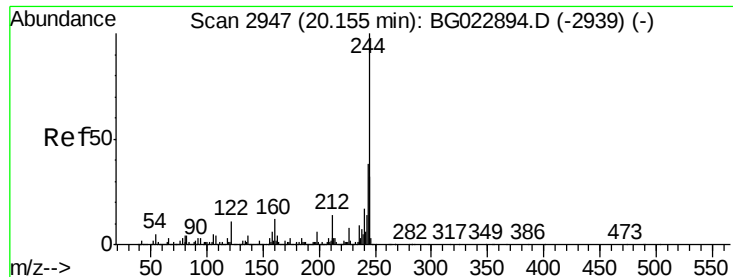


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 46.09 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG023017.D

Acq: 12 Jul 2016 1:58

Instrument :

BNA_G

ClientSampleId :

S22-0009

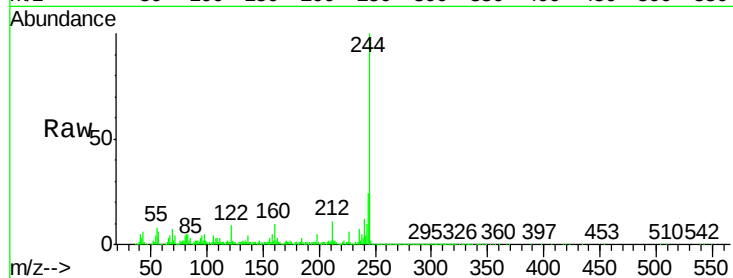
Tot Ion:244 Resp: 1646104

Ion Ratio Lower Upper

244 100

212 10.8 10.8 16.2

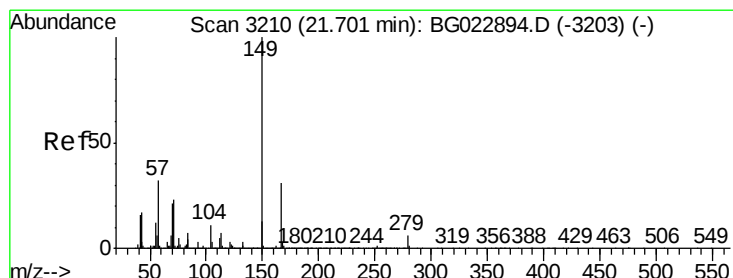
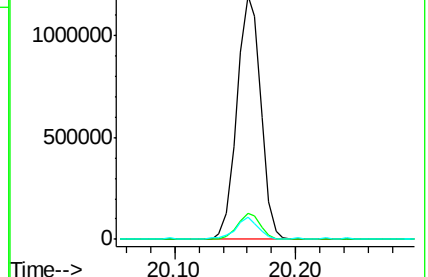
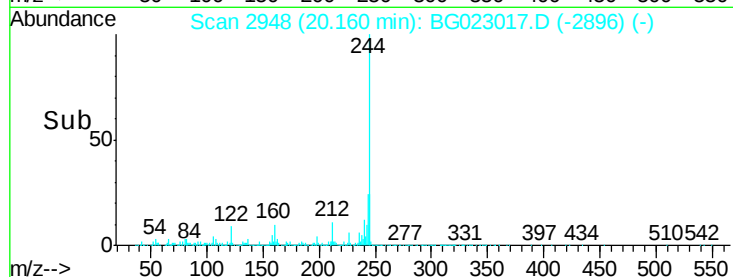
122 8.9 8.0 12.0



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: 2.34 ng

RT: 21.72 min Scan# 3214

Delta R.T. 0.02 min

Lab File: BG023017.D

Acq: 12 Jul 2016 1:58

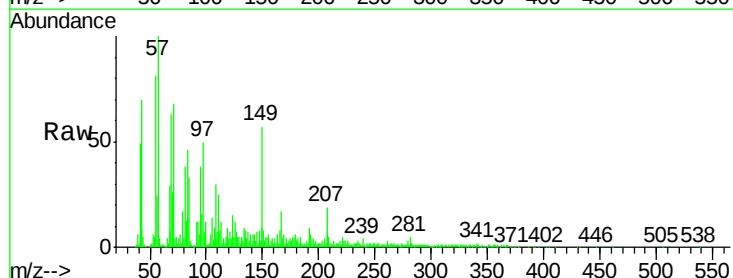
Tgt Ion:149 Resp: 68074

Ion Ratio Lower Upper

149 100

167 30.0 24.0 36.0

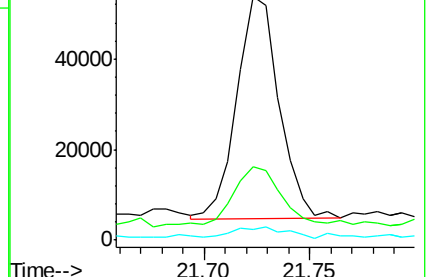
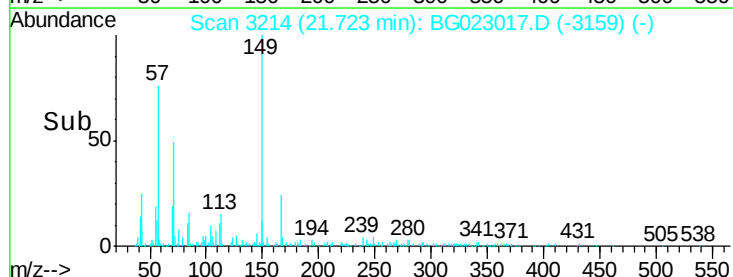
279 4.4 4.8 7.2#

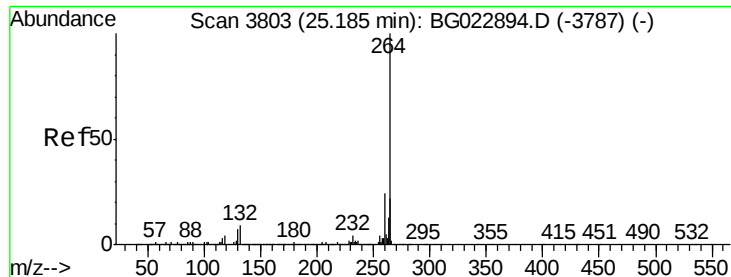


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

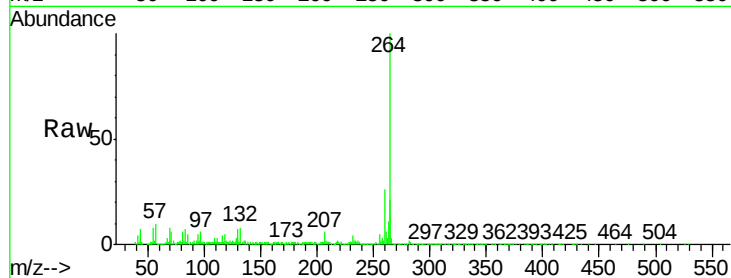




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3815
Delta R.T. 0.07 min
Lab File: BG023017.D
Acq: 12 Jul 2016 1:58

Instrument :
BNA_G
ClientSampleId :
S22-0009

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.4	27.6
265	21.3	18.9	28.3



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

