

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
 Data File : BG024668.D
 Acq On : 4 Nov 2016 4:49
 Operator : UM/SJ
 Sample : H5509-12
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-96-17.5-18.0

Quant Time: Nov 04 06:51:21 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

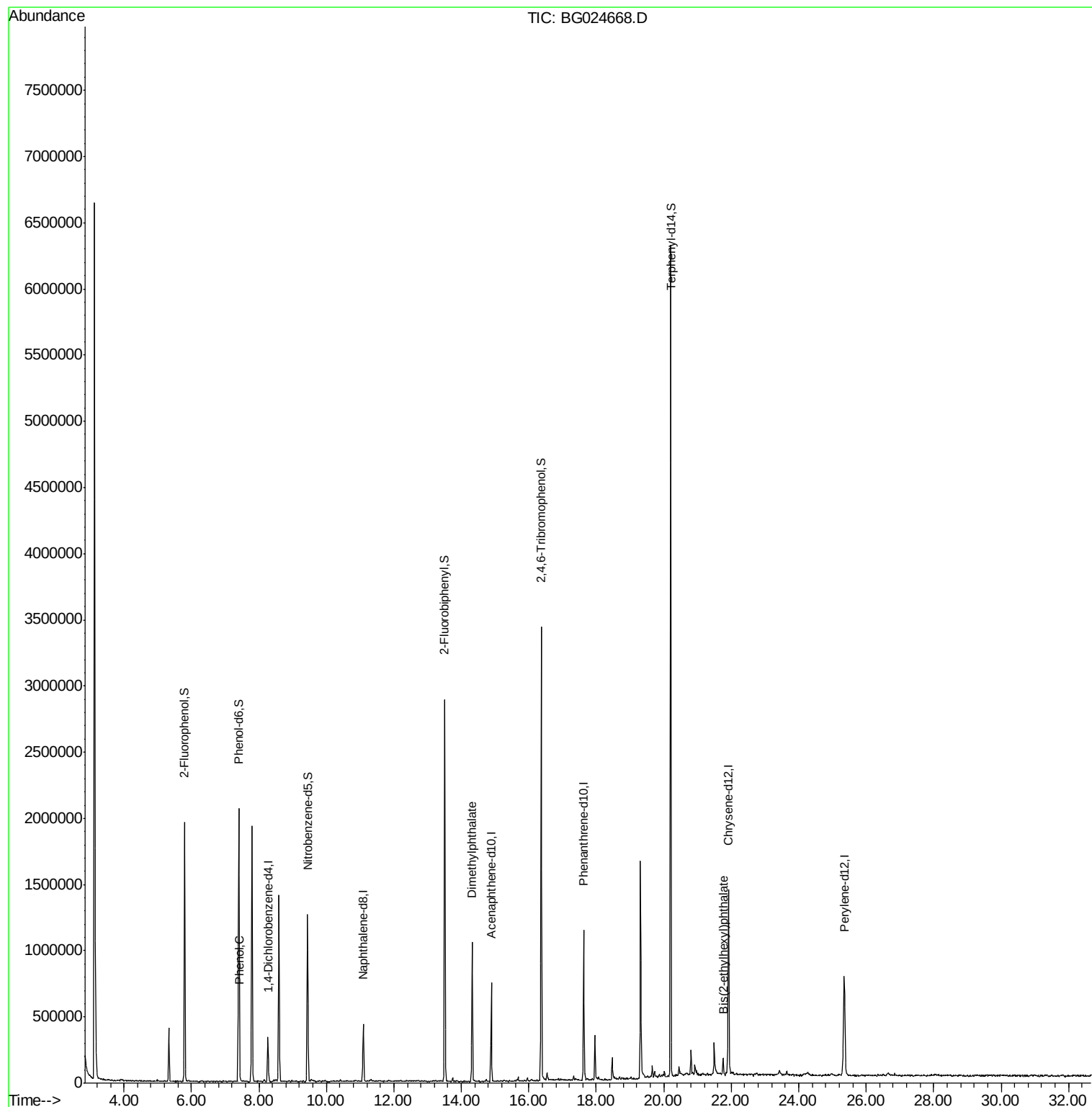
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	86596	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	358013	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	274576	20.00	ng	-0.01
63) Phenanthrene-d10	17.62	188	695453	20.00	ng	0.00
75) Chrysene-d12	21.92	240	917156	20.00	ng	-0.01
86) Perylene-d12	25.35	264	953614	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	779983	147.63	ng	0.00
7) Phenol-d6	7.41	99	1125698	155.32	ng	0.00
23) Nitrobenzene-d5	9.44	82	788838	100.32	ng	-0.01
41) 2,4,6-Tribromophenol	16.37	330	661641	161.30	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1496780	90.60	ng	0.00
78) Terphenyl-d14	20.20	244	2702875	88.06	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.43	94	17631	2.36	ng	88
49) Dimethylphthalate	14.32	163	636084	32.63	ng	97
83) Bis(2-ethylhexyl)phthalate	21.76	149	56656	2.12	ng	# 91

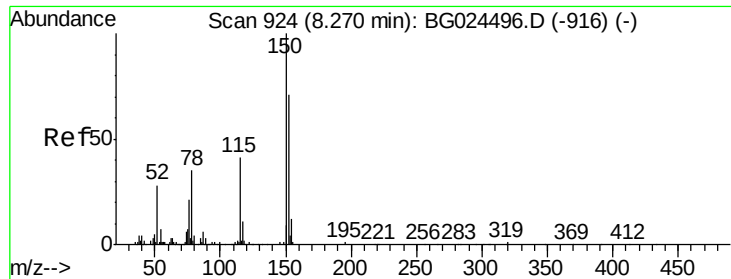
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG024668.D

Acq: 4 Nov 2016 4:49

Instrument :

BNA_G

ClientSampleId :

SB-96-17.5-18.0

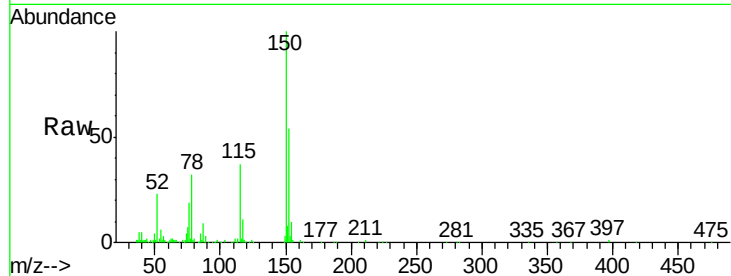
Tgt Ion:152 Resp: 86596

Ion Ratio Lower Upper

152 100

150 186.5 114.0 171.0#

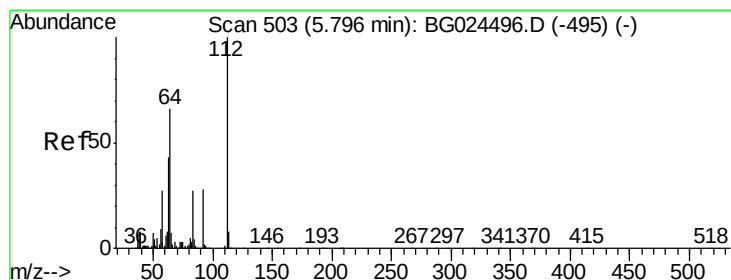
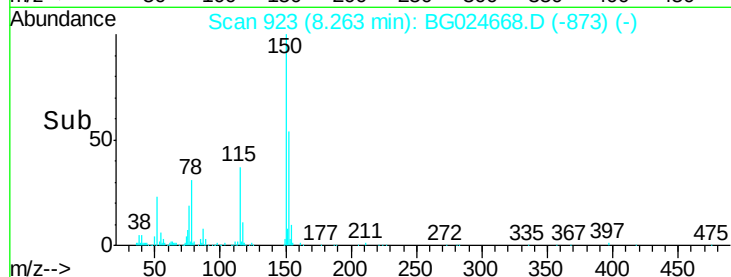
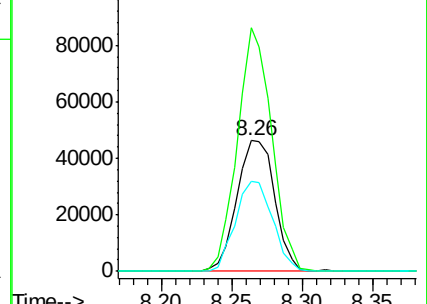
115 69.1 48.1 72.1



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: 147.63 ng

RT: 5.80 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024668.D

Acq: 4 Nov 2016 4:49

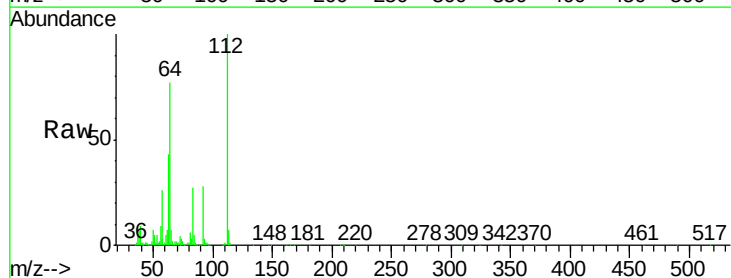
Tgt Ion:112 Resp: 779983

Ion Ratio Lower Upper

112 100

64 77.1 61.8 92.6

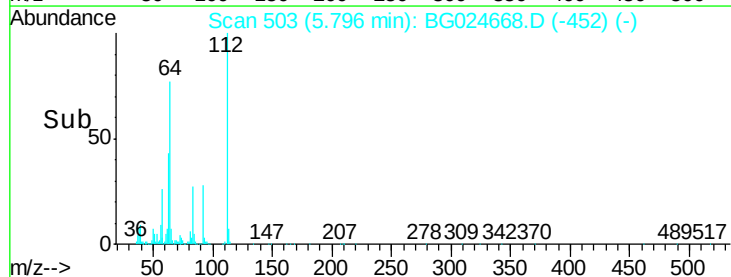
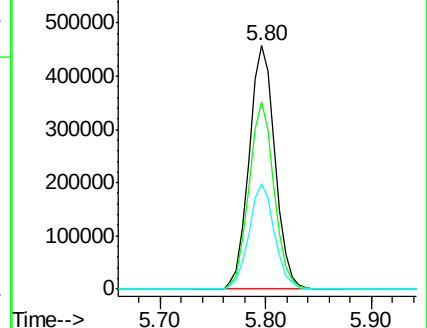
63 43.2 37.2 55.8

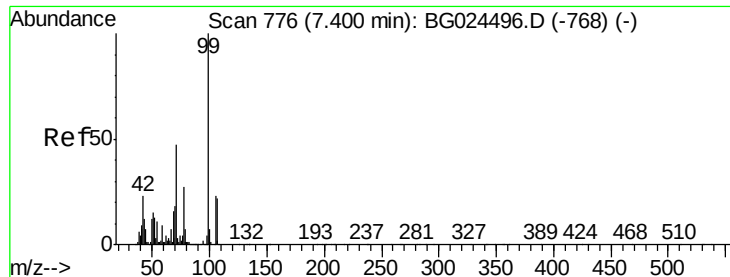


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 155.32 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG024668.D

Acq: 4 Nov 2016 4:49

Instrument :

BNA_G

ClientSampleId :

SB-96-17.5-18.0

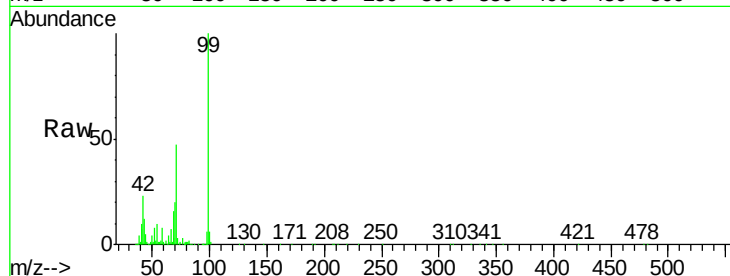
Tgt Ion: 99 Resp: 1125698

Ion Ratio Lower Upper

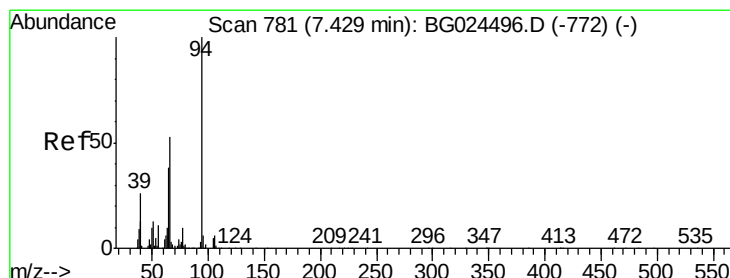
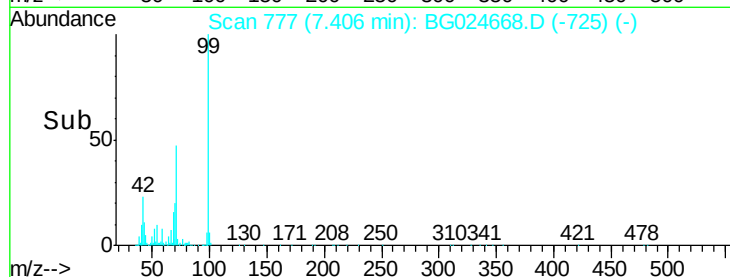
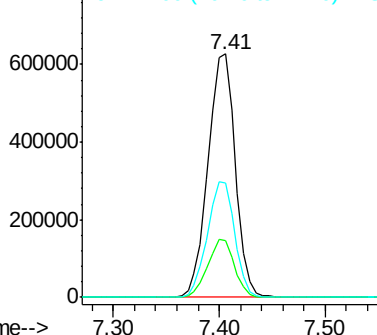
99 100

42 23.2 20.5 30.7

71 47.0 37.6 56.4



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



#10

Phenol

Concen: 2.36 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG024668.D

Acq: 4 Nov 2016 4:49

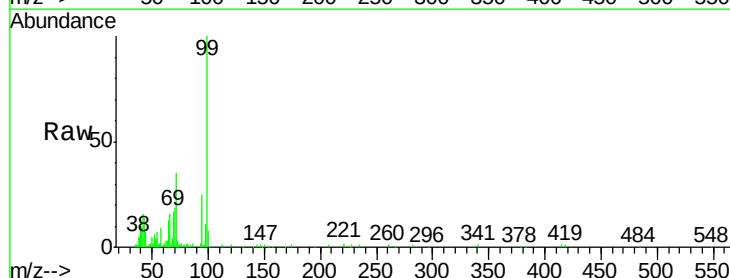
Tgt Ion: 94 Resp: 17631

Ion Ratio Lower Upper

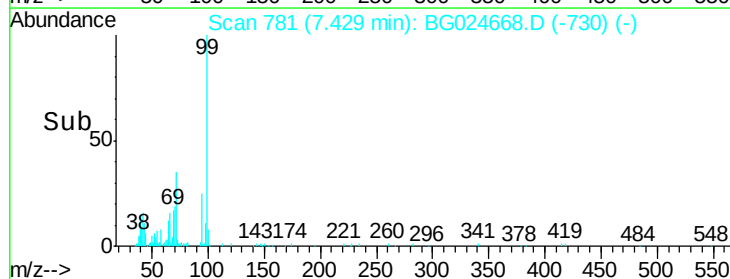
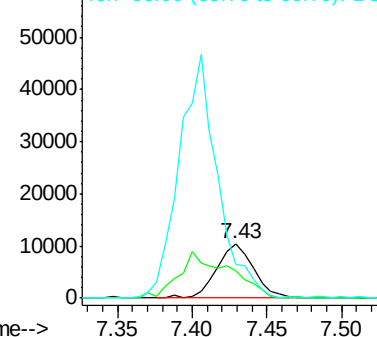
94 100

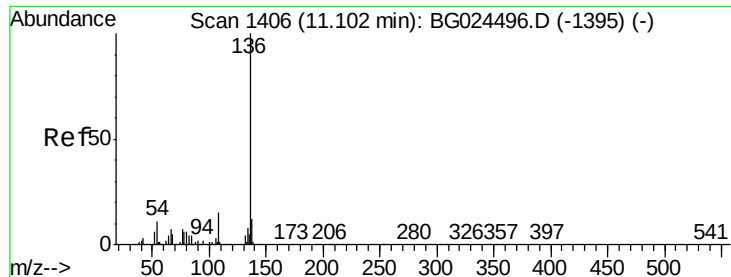
65 50.7 20.6 60.6

66 62.2 35.5 75.5



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

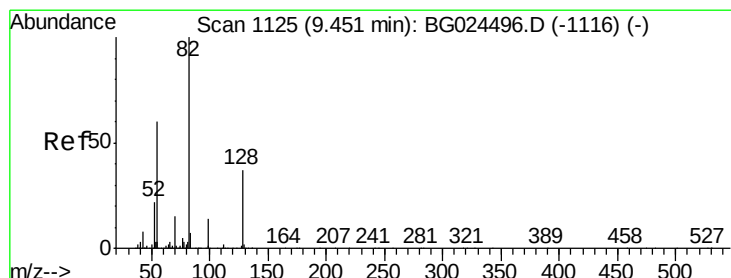
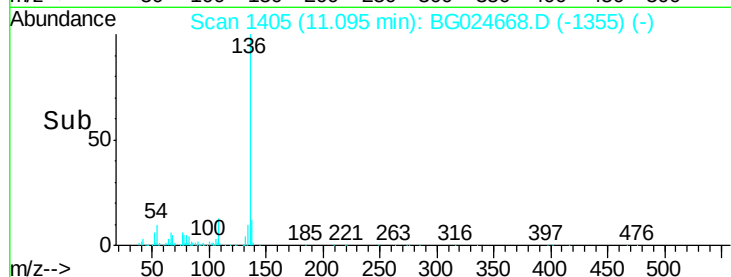
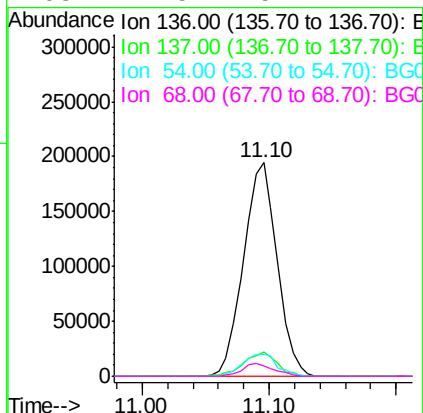
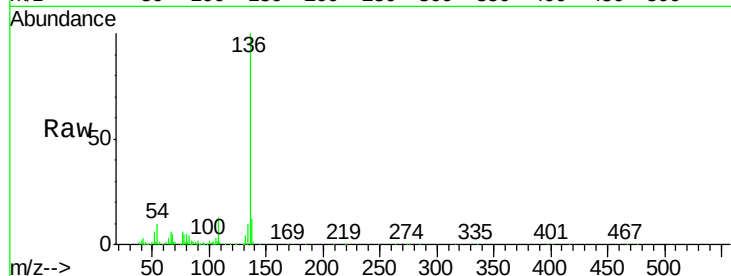




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024668.D
Acq: 4 Nov 2016 4:49

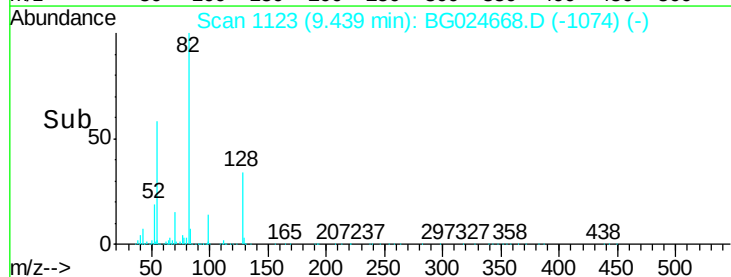
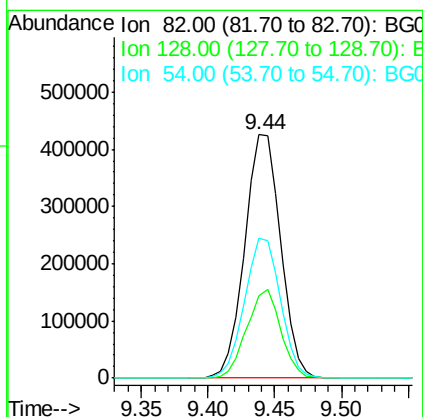
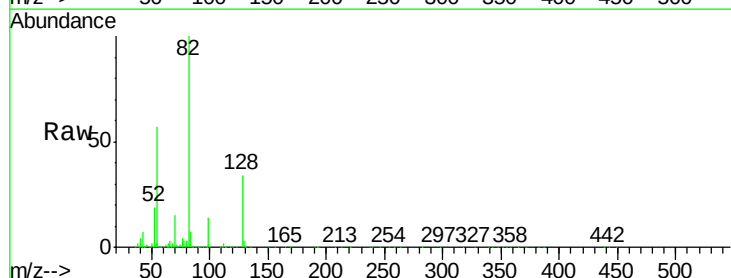
Instrument :
BNA_G
ClientSampleId :
SB-96-17.5-18.0

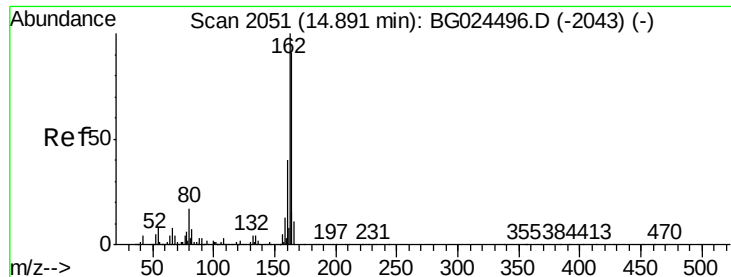
Tgt Ion:	136	Resp:	358013
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	10.5	9.3	13.9
68	4.5	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 100.32 ng
RT: 9.44 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BG024668.D
Acq: 4 Nov 2016 4:49

Tgt Ion:	82	Resp:	788838
Ion	Ratio	Lower	Upper
82	100		
128	33.8	26.4	39.6
54	57.5	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BG024668.D

Acq: 4 Nov 2016 4:49

Instrument :

BNA_G

ClientSampleId :

SB-96-17.5-18.0

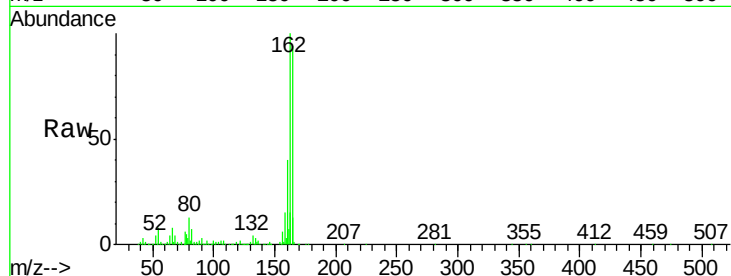
Tgt Ion:164 Resp: 274576

Ion Ratio Lower Upper

164 100

162 106.3 85.1 127.7

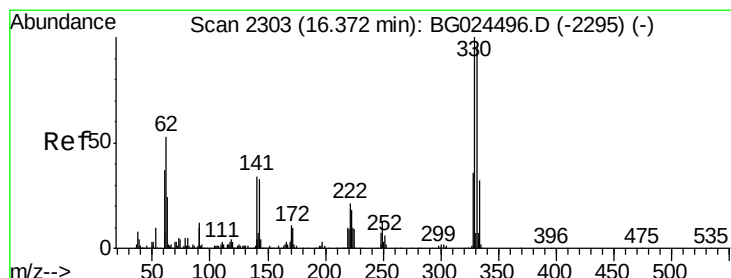
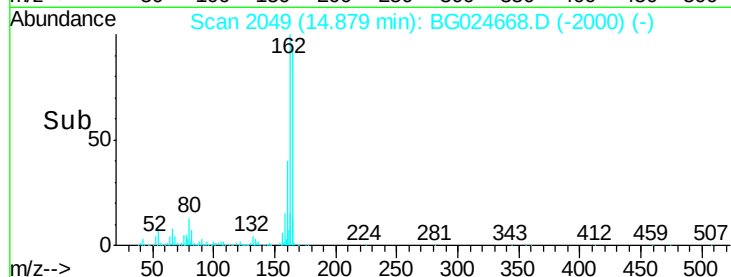
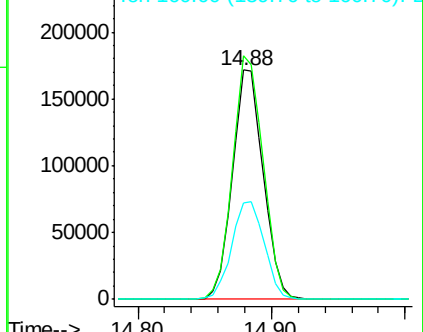
160 42.2 34.7 52.1



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: 161.30 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024668.D

Acq: 4 Nov 2016 4:49

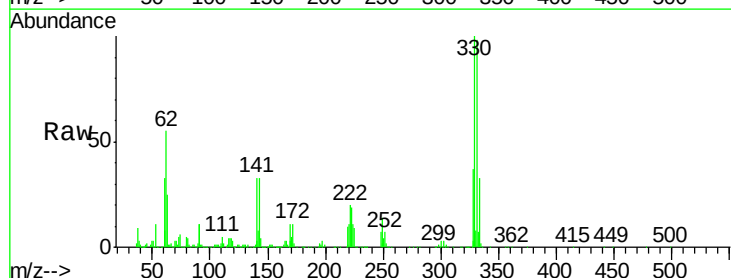
Tgt Ion:330 Resp: 661641

Ion Ratio Lower Upper

330 100

332 98.3 77.3 115.9

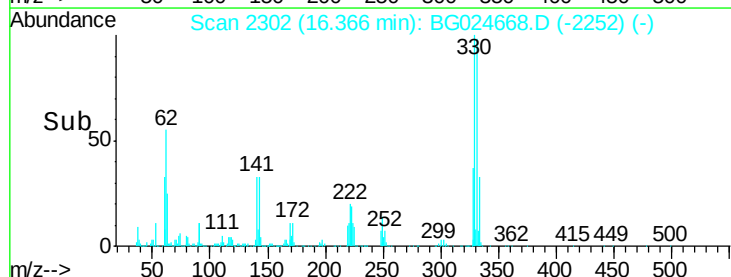
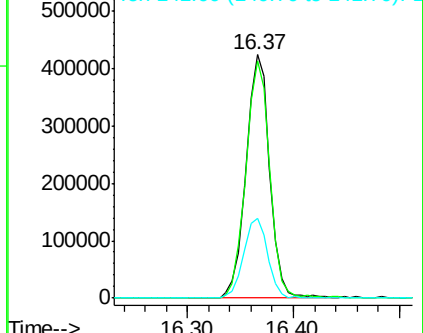
141 33.4 32.1 48.1

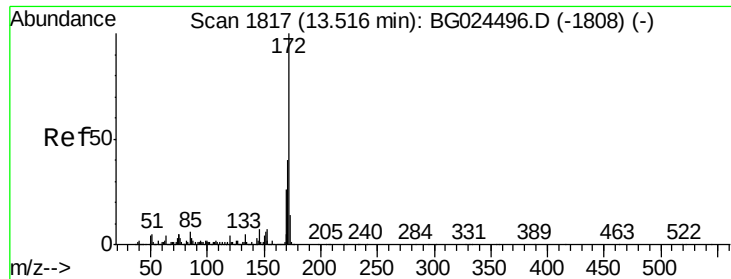


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 90.60 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BG024668.D

Acq: 4 Nov 2016 4:49

Instrument :

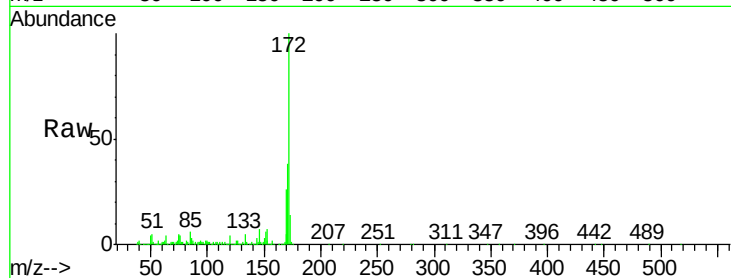
BNA_G

ClientSampleId :

SB-96-17.5-18.0

Tgt Ion:172 Resp: 1496780

Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.2	48.2
170	26.1	21.8	32.6

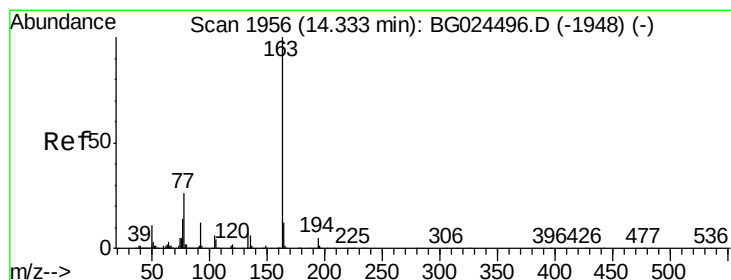
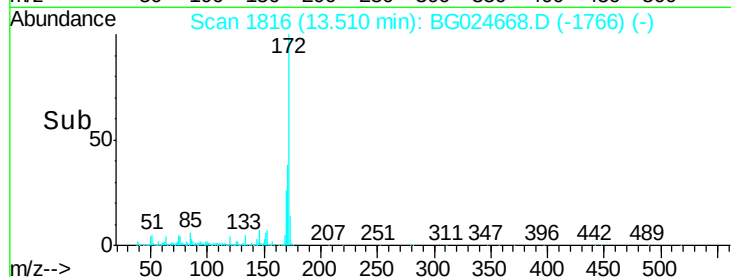
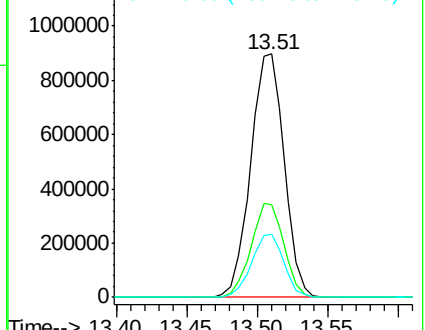


Abundance

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



#49

Dimethylphthalate

Concen: 32.63 ng

RT: 14.32 min Scan# 1954

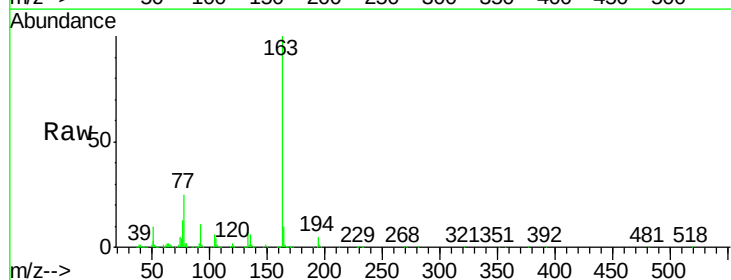
Delta R.T. -0.01 min

Lab File: BG024668.D

Acq: 4 Nov 2016 4:49

Tgt Ion:163 Resp: 636084

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.8	5.6
164	10.4	9.3	13.9

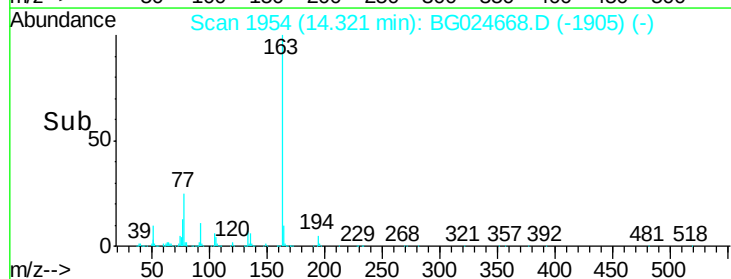
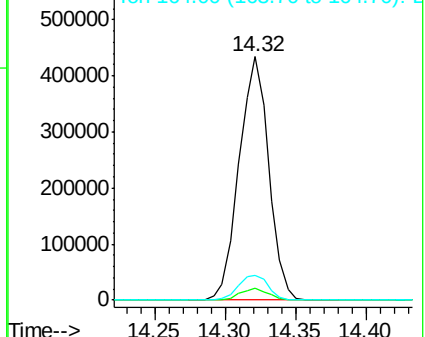


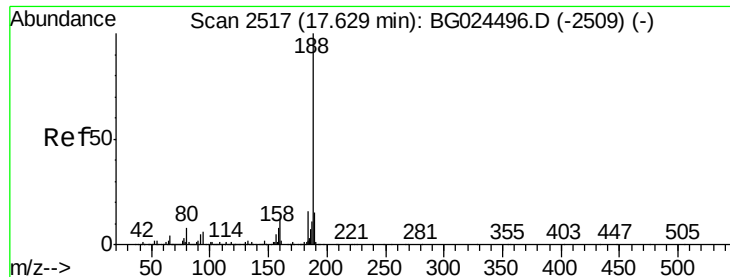
Abundance

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: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024668.D

Acq: 4 Nov 2016 4:49

Instrument :

BNA_G

ClientSampleId :

SB-96-17.5-18.0

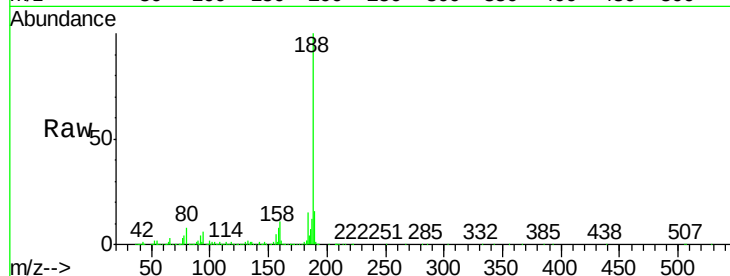
Tgt Ion:188 Resp: 695453

Ion Ratio Lower Upper

188 100

94 5.9 5.8 8.8

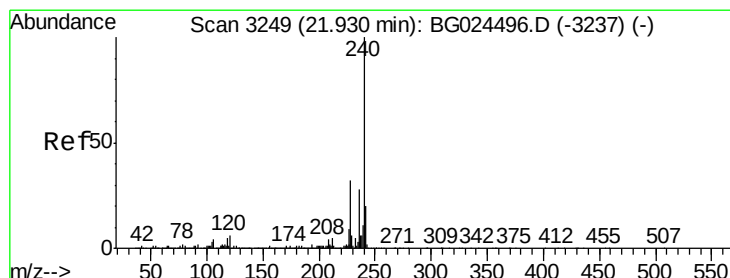
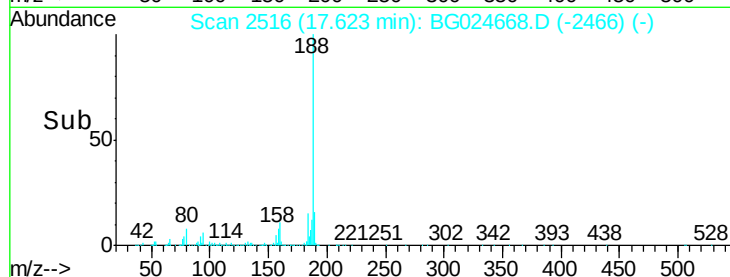
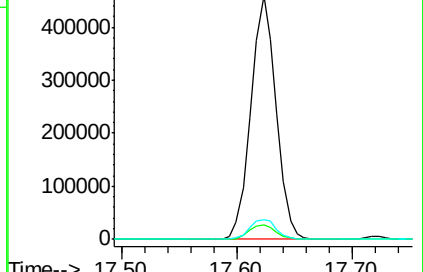
80 7.9 7.5 11.3



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: 21.92 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BG024668.D

Acq: 4 Nov 2016 4:49

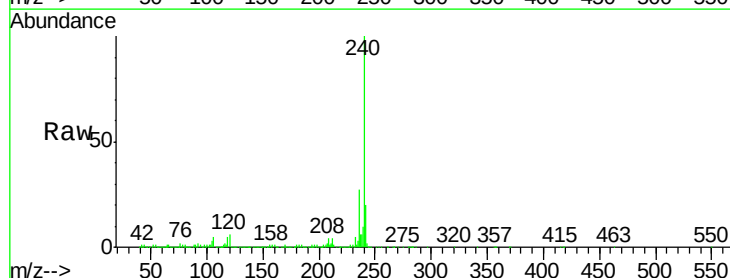
Tgt Ion:240 Resp: 917156

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

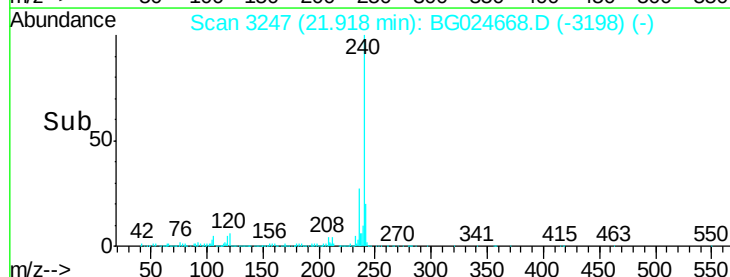
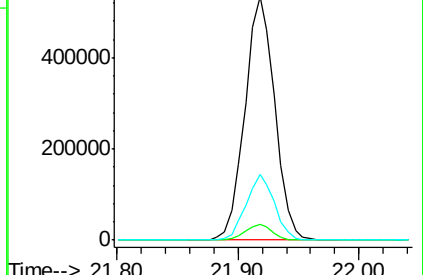
236 26.7 22.2 33.4

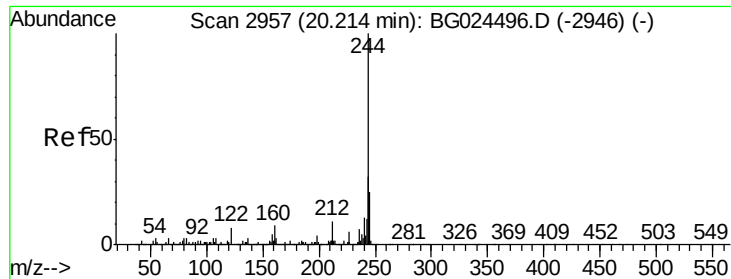


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.06 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024668.D

Acq: 4 Nov 2016 4:49

Instrument :

BNA_G

ClientSampleId :

SB-96-17.5-18.0

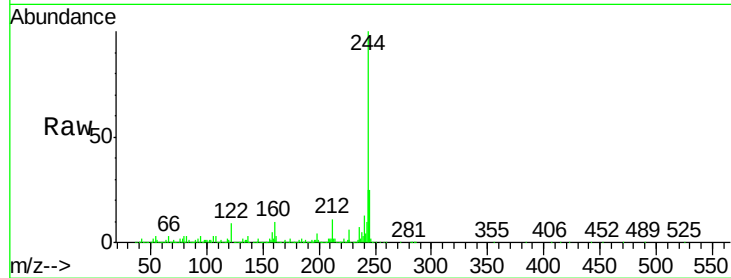
Tgt Ion:244 Resp: 2702875

Ion Ratio Lower Upper

244 100

212 10.7 10.0 15.0

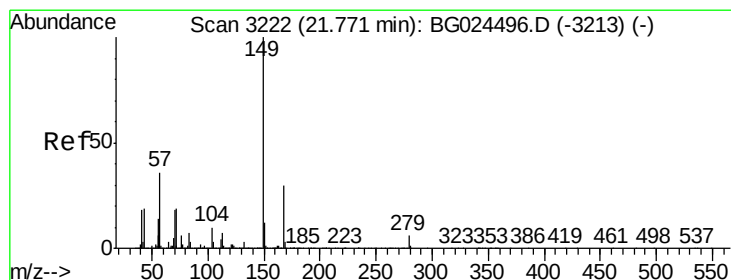
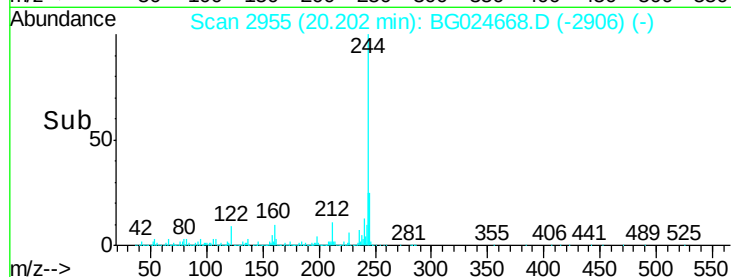
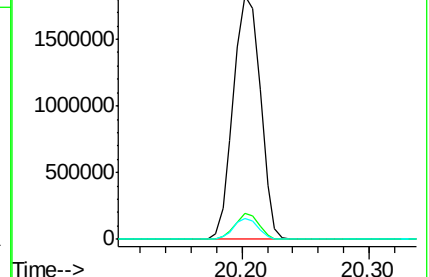
122 8.8 8.6 12.8



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: 2.12 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG024668.D

Acq: 4 Nov 2016 4:49

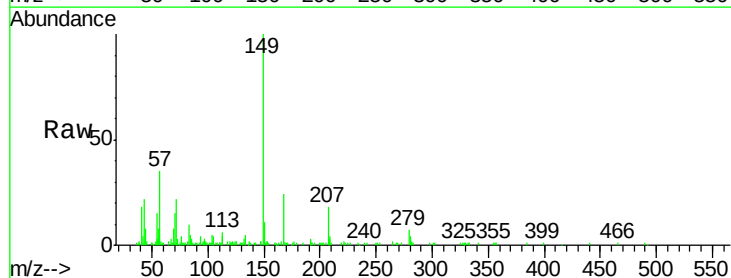
Tgt Ion:149 Resp: 56656

Ion Ratio Lower Upper

149 100

167 24.1 23.7 35.5

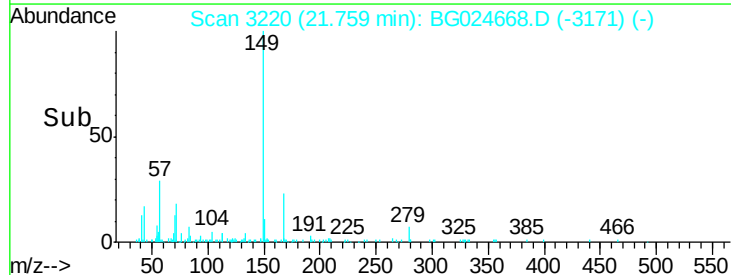
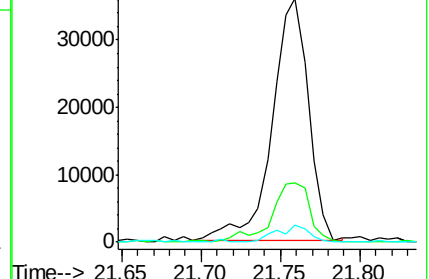
279 7.2 4.6 6.8#

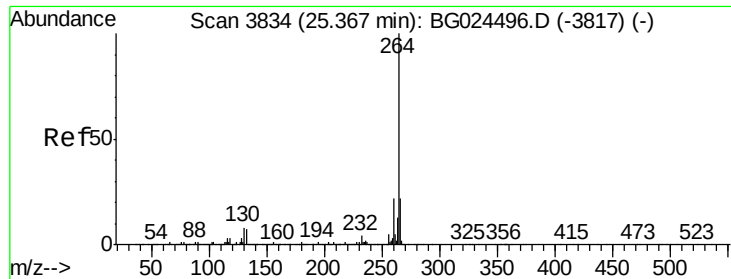


Abundance Ion 149.00 (148.70 to 149.70): E

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: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024668.D
Acq: 4 Nov 2016 4:49

Instrument :
BNA_G
ClientSampleId :
SB-96-17.5-18.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.8	32.8
265	19.1	18.2	27.4

