

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
 Data File : BG024560.D
 Acq On : 31 Oct 2016 17:31
 Operator : UM/SJ
 Sample : H5470-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-6

Quant Time: Nov 01 11:56:13 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:50:40 2016
 Response via : Initial Calibration

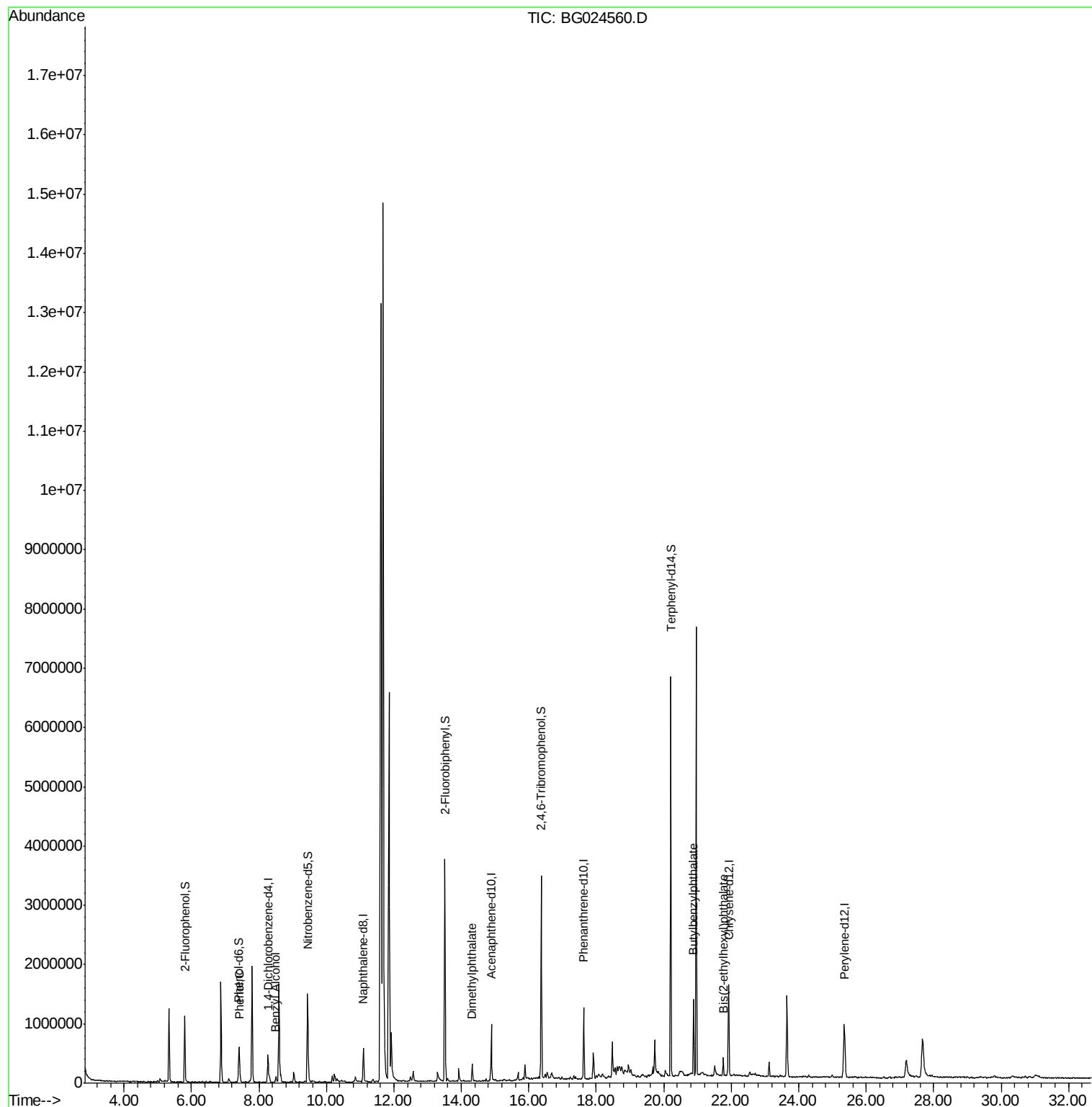
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	122425	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	471111	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	349978	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	762295	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1083295	20.00	ng	0.00
86) Perylene-d12	25.35	264	1126296	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	482949	64.66	ng	0.00
7) Phenol-d6	7.41	99	422199	41.21	ng	0.00
23) Nitrobenzene-d5	9.44	82	937558	90.61	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	703948	134.64	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1885750	89.56	ng	0.00
78) Terphenyl-d14	20.21	244	2746018	75.75	ng	0.00
Target Compounds						
10) Phenol	7.44	94	41166	3.90	ng	82
15) Benzyl Alcohol	8.50	79	34559	3.63	ng	96
49) Dimethylphthalate	14.32	163	181962	7.32	ng	# 98
79) Butylbenzylphthalate	20.88	149	387078	17.53	ng	97
83) Bis(2-ethylhexyl)phthalate	21.77	149	123508	3.91	ng	99

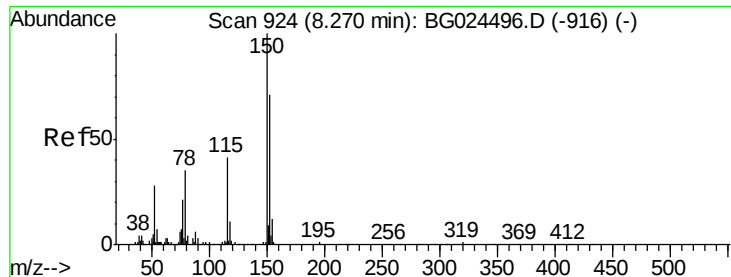
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 01 11:50:40 2016
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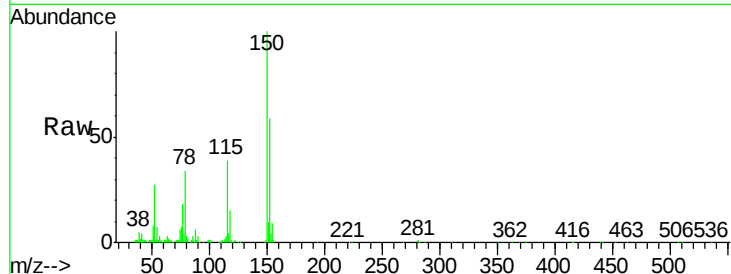


#1

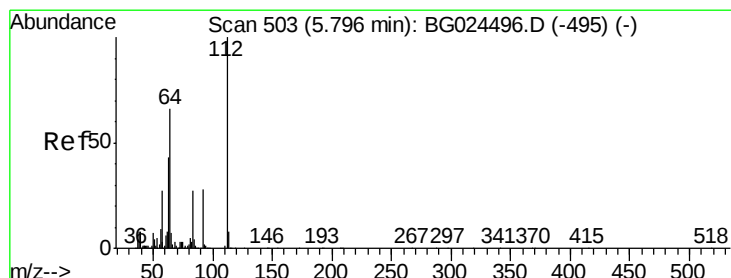
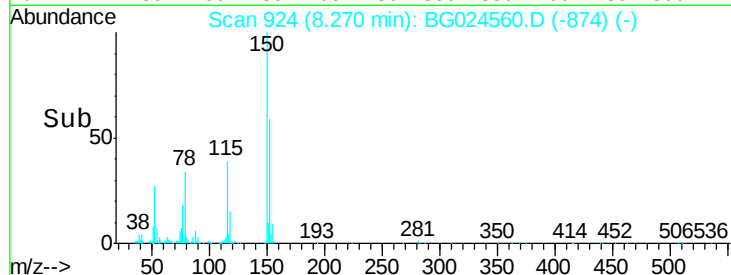
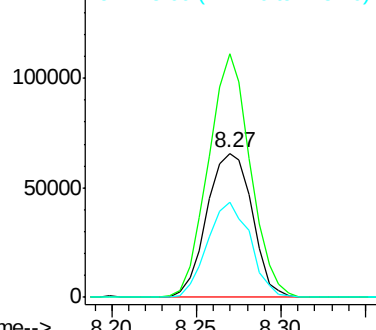
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG024560.D
Acq: 31 Oct 2016 17:31

Instrument :
BNA_G
ClientSampleId :
MH-6

Tgt Ion	Ratio	Lower	Upper
152	100		
150	168.6	114.0	171.0
115	65.6	48.1	72.1



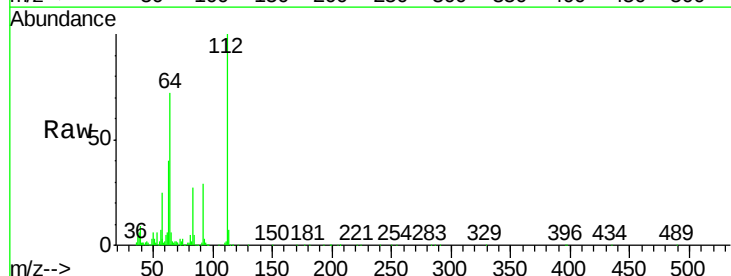
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



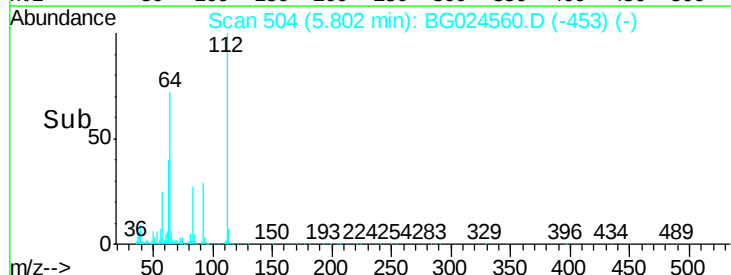
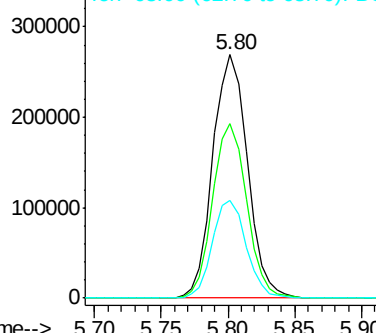
#5

2-Fluorophenol
Concen: 64.66 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG024560.D
Acq: 31 Oct 2016 17:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.8	61.8	92.6
63	40.0	37.2	55.8



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: 41.21 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024560.D

Acq: 31 Oct 2016 17:31

Instrument :

BNA_G

ClientSampled :

MH-6

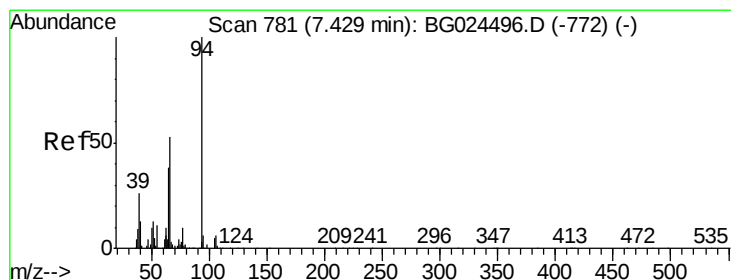
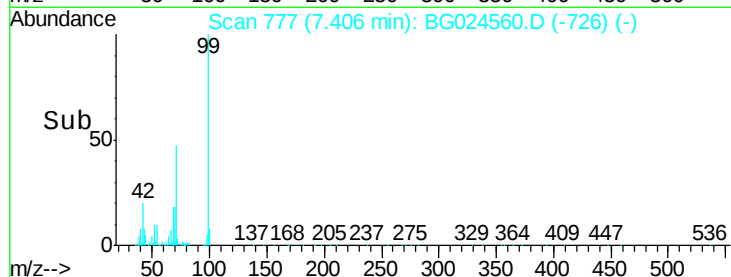
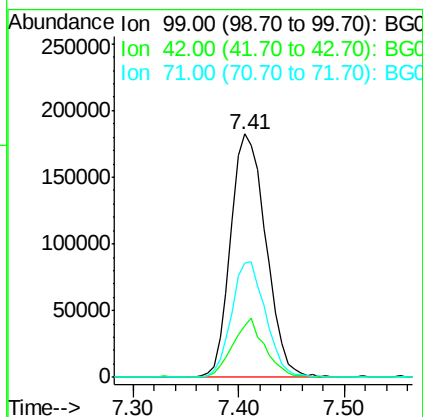
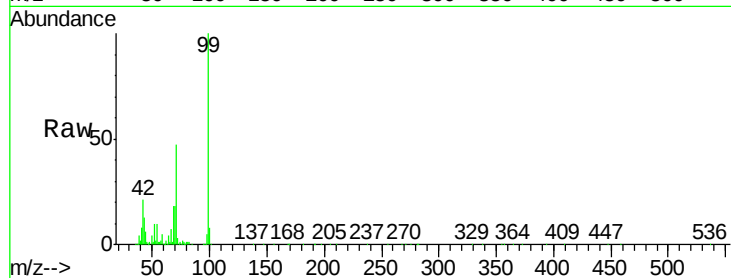
Tgt Ion: 99 Resp: 422199

Ion Ratio Lower Upper

99 100

42 21.0 20.5 30.7

71 47.2 37.6 56.4



#10

Phenol

Concen: 3.90 ng

RT: 7.44 min Scan# 782

Delta R.T. 0.01 min

Lab File: BG024560.D

Acq: 31 Oct 2016 17:31

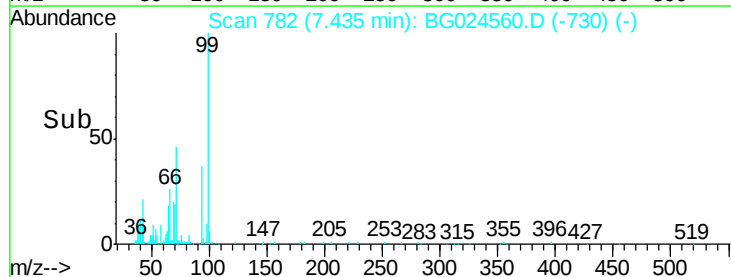
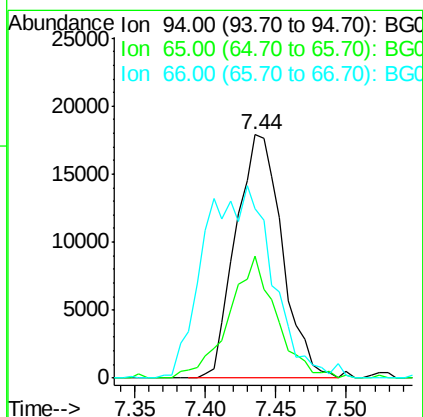
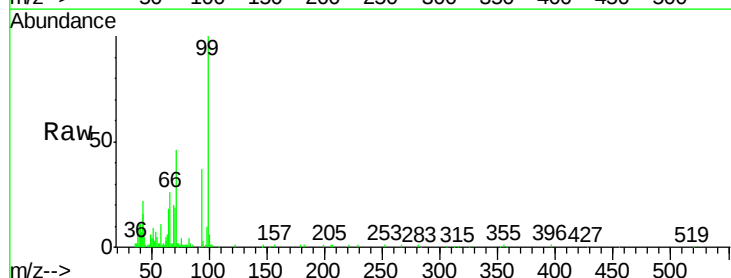
Tgt Ion: 94 Resp: 41166

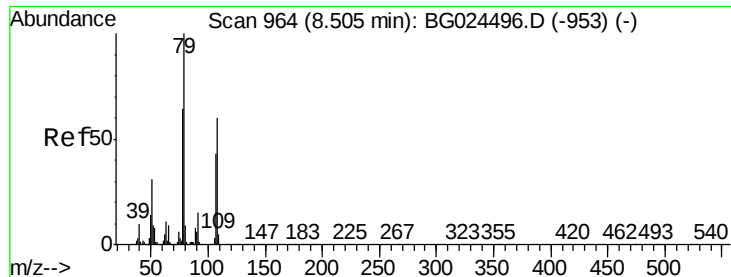
Ion Ratio Lower Upper

94 100

65 50.0 20.6 60.6

66 69.6 35.5 75.5





#15

Benzyl Alcohol

Concen: 3.63 ng

RT: 8.50 min Scan# 964

Delta R.T. 0.00 min

Lab File: BG024560.D

Acq: 31 Oct 2016 17:31

Instrument :

BNA_G

ClientSampleId :

MH-6

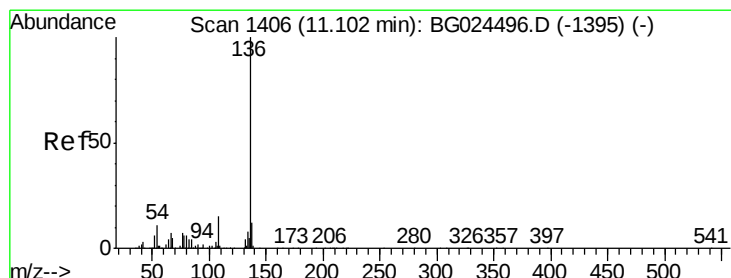
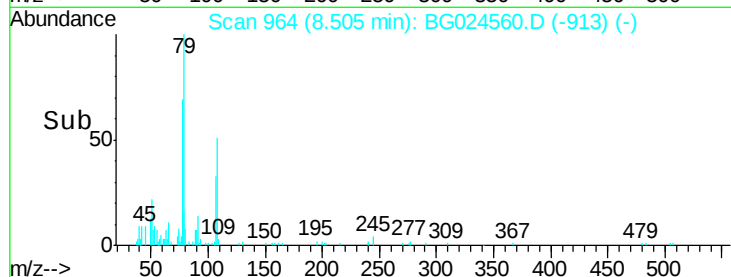
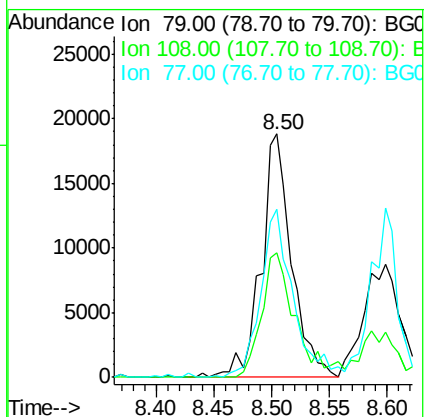
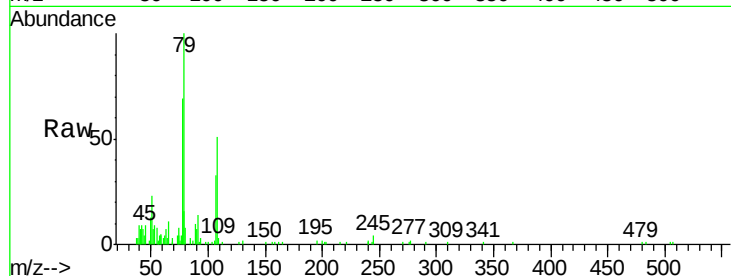
Tgt Ion: 79 Resp: 34559

Ion Ratio Lower Upper

79 100

108 51.4 45.5 68.3

77 69.0 54.3 81.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.10 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024560.D

Acq: 31 Oct 2016 17:31

Tgt Ion: 136 Resp: 471111

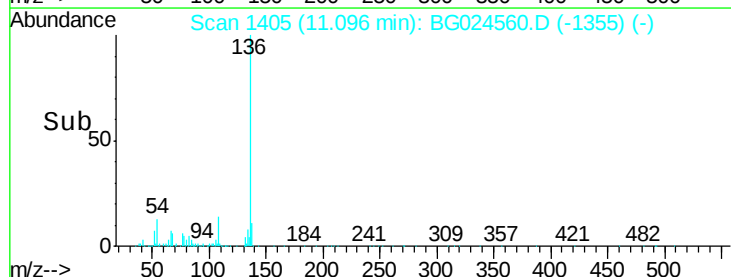
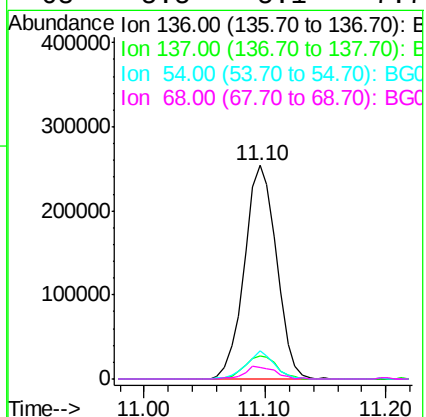
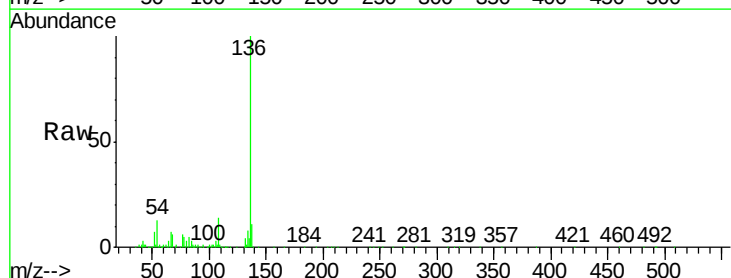
Ion Ratio Lower Upper

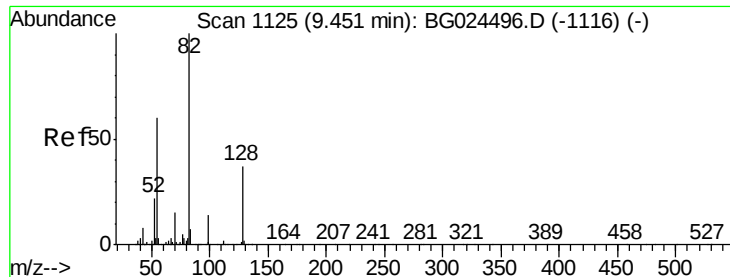
136 100

137 10.9 8.9 13.3

54 13.1 9.3 13.9

68 5.5 5.1 7.7

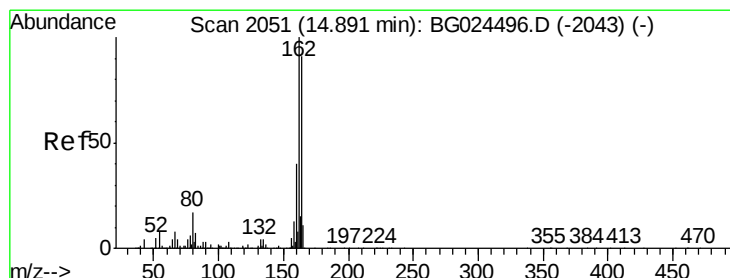
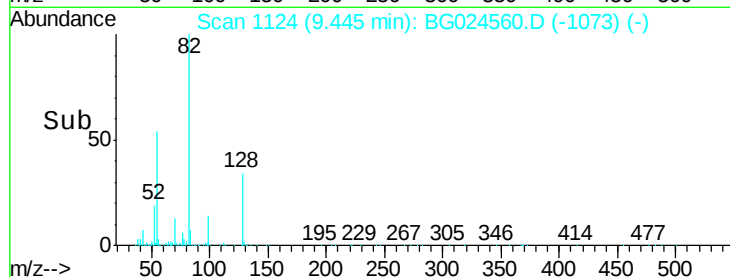
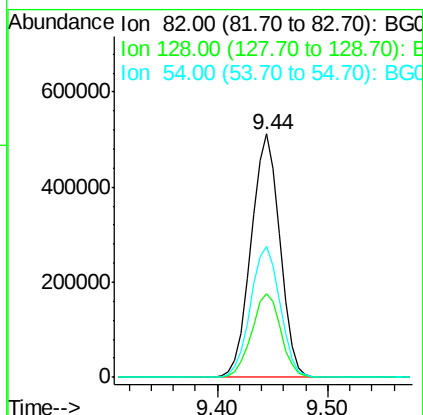
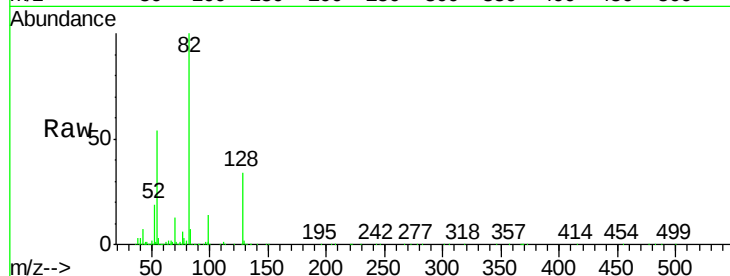




#23
 Nitrobenzene-d5
 Concen: 90.61 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BG024560.D
 Acq: 31 Oct 2016 17:31

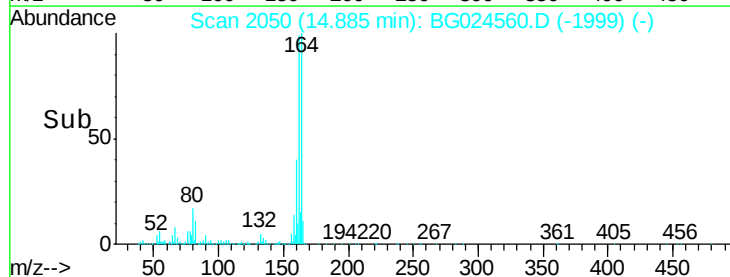
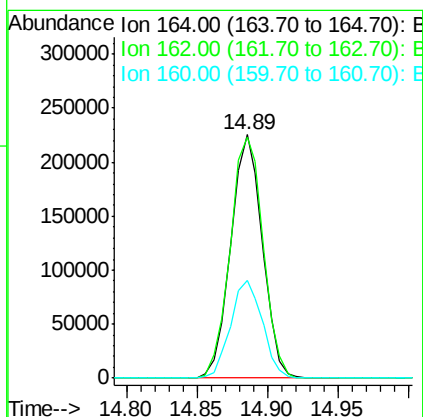
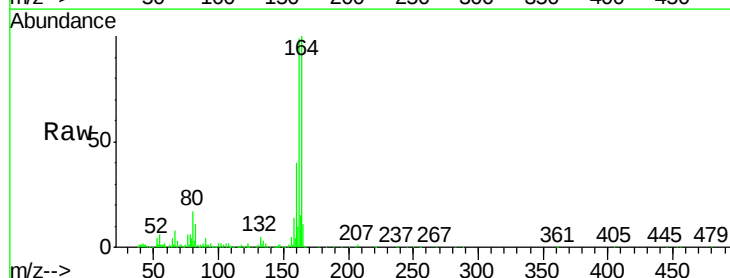
Instrument :
 BNA_G
 ClientSampleId :
 MH-6

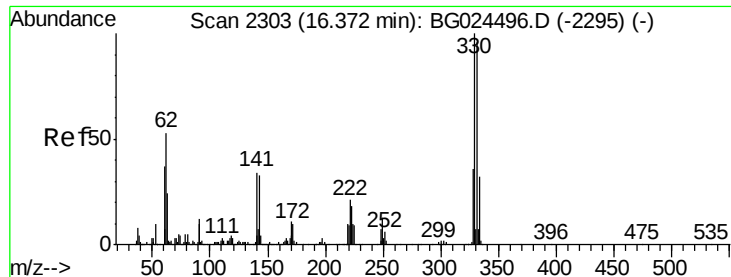
Tgt Ion: 82 Resp: 937558
 Ion Ratio Lower Upper
 82 100
 128 34.4 26.4 39.6
 54 53.7 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2050
 Delta R.T. 0.00 min
 Lab File: BG024560.D
 Acq: 31 Oct 2016 17:31

Tgt Ion: 164 Resp: 349978
 Ion Ratio Lower Upper
 164 100
 162 98.9 85.1 127.7
 160 40.1 34.7 52.1

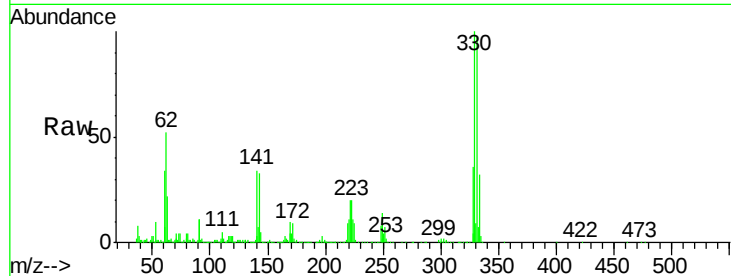




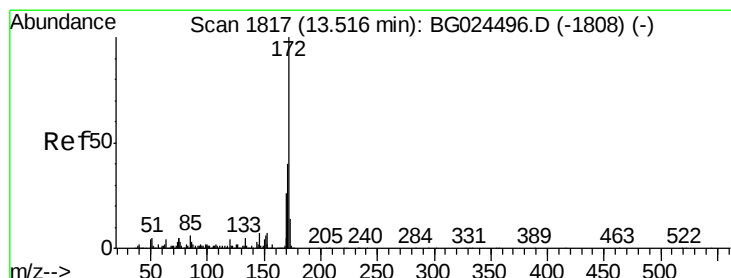
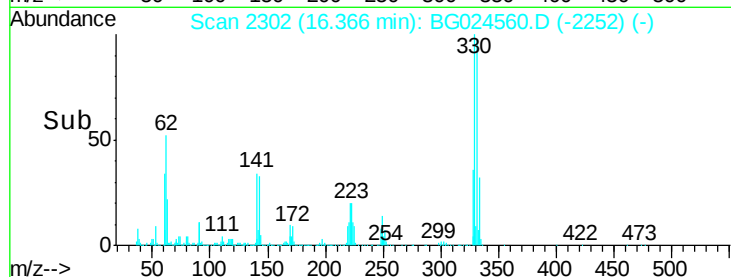
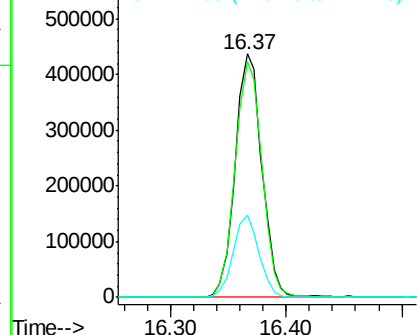
#41
2,4,6-Tribromophenol
Concen: 134.64 ng
RT: 16.37 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024560.D
Acq: 31 Oct 2016 17:31

Instrument :
BNA_G
ClientSampled :
MH-6

Tgt Ion:330 Resp: 703948
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 32.6 32.1 48.1

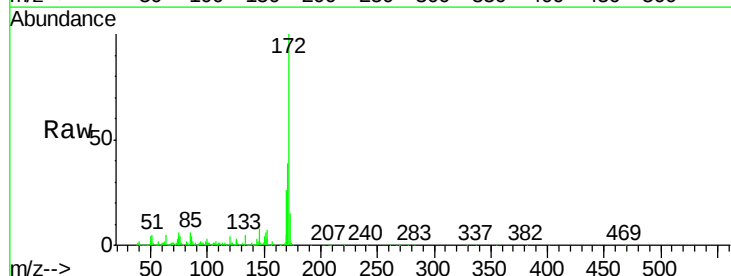


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

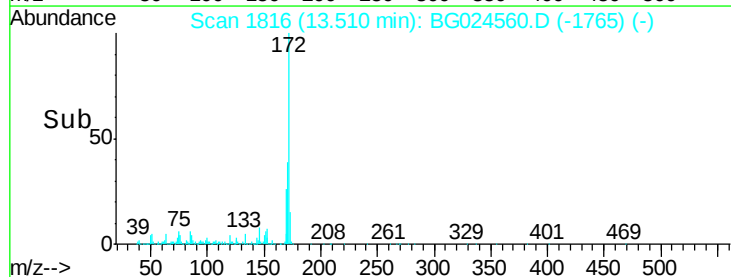
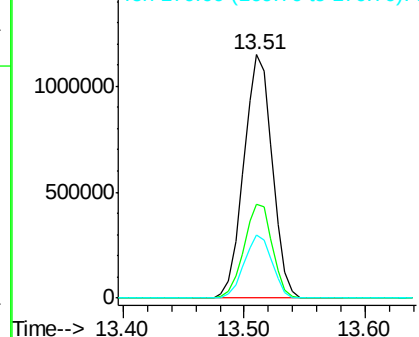


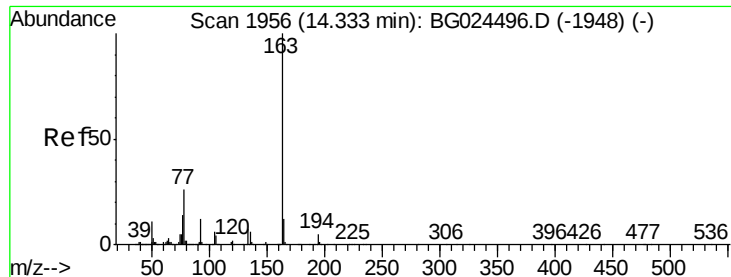
#44
2-Fluorobiphenyl
Concen: 89.56 ng
RT: 13.51 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BG024560.D
Acq: 31 Oct 2016 17:31

Tgt Ion:172 Resp: 1885750
Ion Ratio Lower Upper
172 100
171 38.8 32.2 48.2
170 26.0 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: 7.32 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024560.D

Acq: 31 Oct 2016 17:31

Instrument :

BNA_G

ClientSampleId :

MH-6

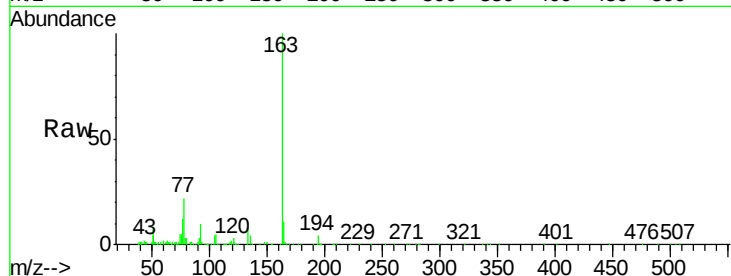
Tgt Ion:163 Resp: 181962

Ion Ratio Lower Upper

163 100

194 3.5 3.8 5.6#

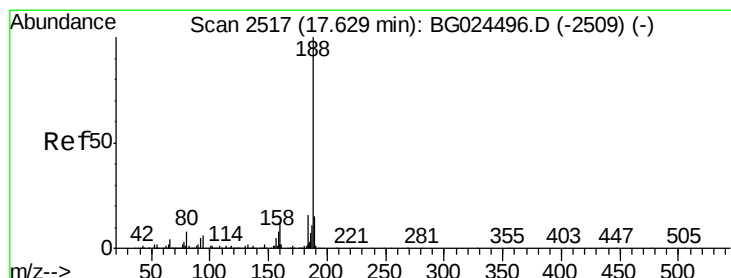
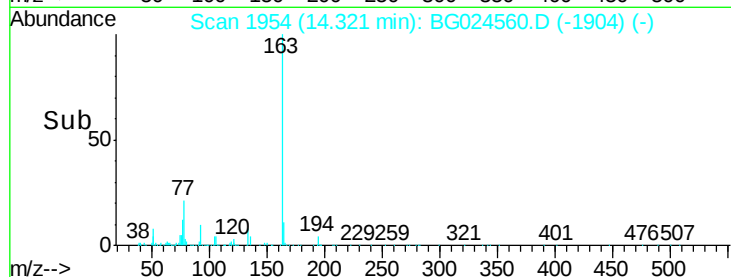
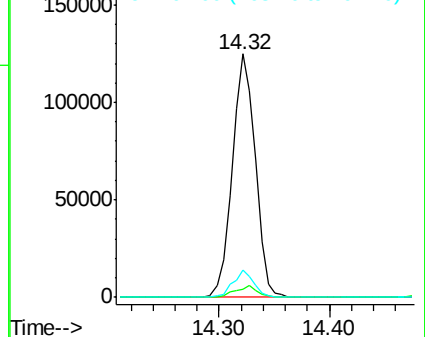
164 11.2 9.3 13.9



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: BG024560.D

Acq: 31 Oct 2016 17:31

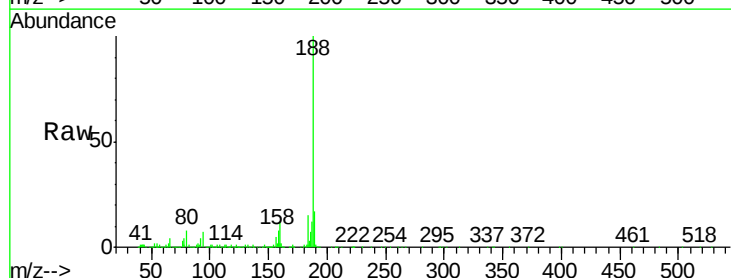
Tgt Ion:188 Resp: 762295

Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.8

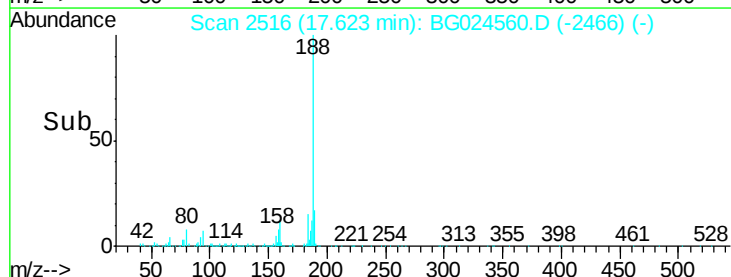
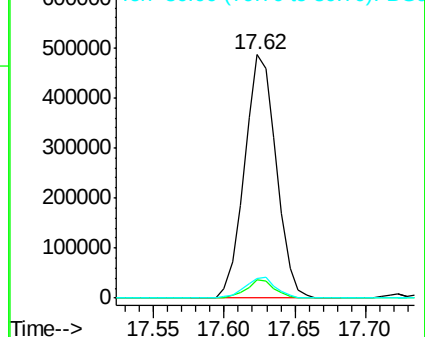
80 8.2 7.5 11.3

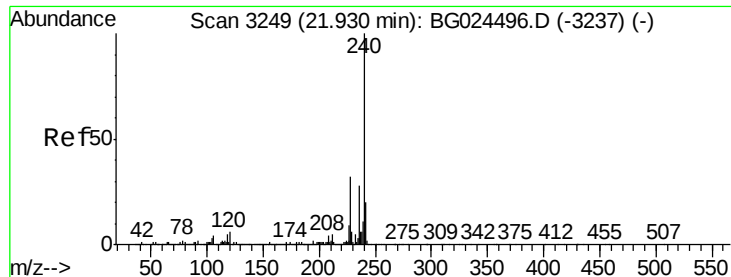


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG024560.D

Acq: 31 Oct 2016 17:31

Instrument :

BNA_G

ClientSampleId :

MH-6

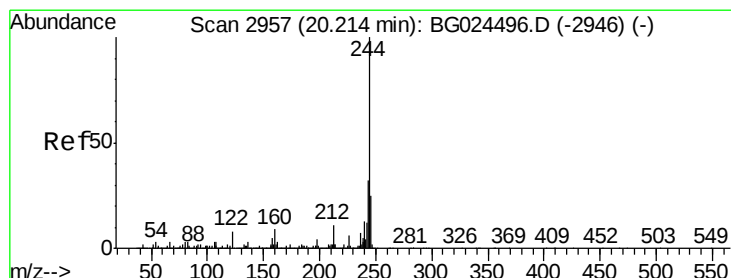
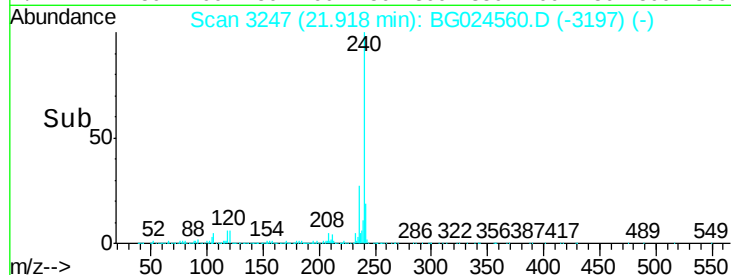
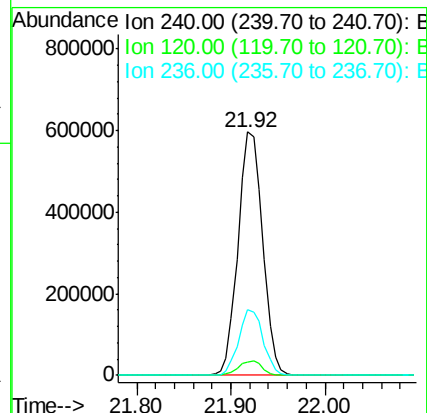
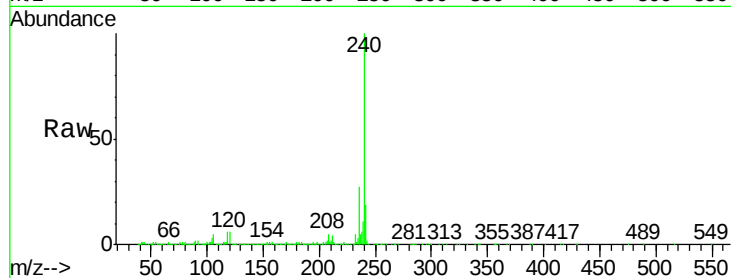
Tgt Ion:240 Resp: 1083295

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5#

236 26.8 22.2 33.4



#78

Terphenyl-d14

Concen: 75.75 ng

RT: 20.21 min Scan# 2956

Delta R.T. 0.00 min

Lab File: BG024560.D

Acq: 31 Oct 2016 17:31

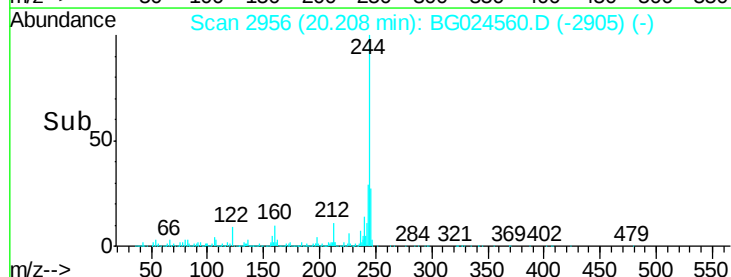
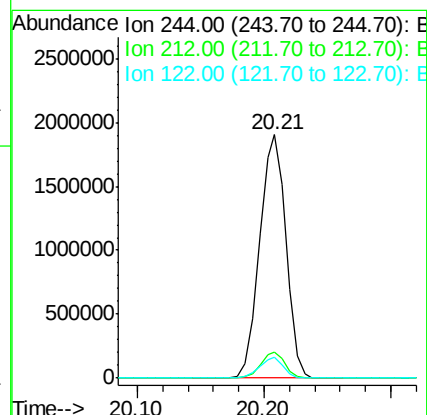
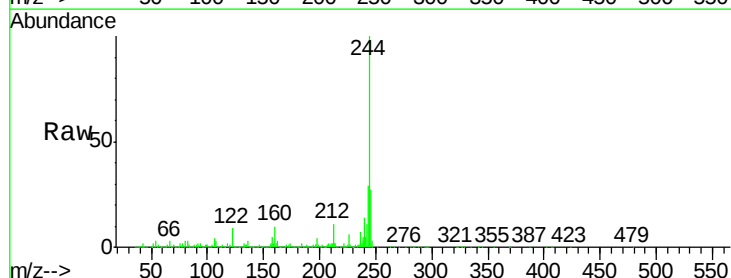
Tgt Ion:244 Resp: 2746018

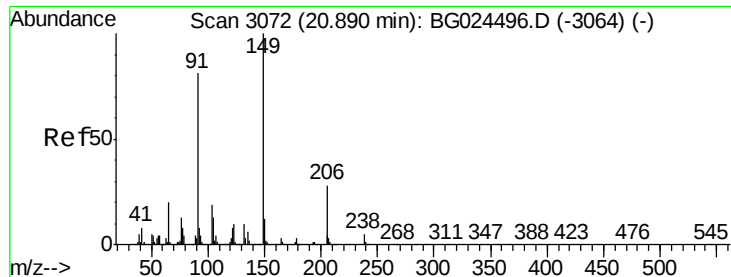
Ion Ratio Lower Upper

244 100

212 10.9 10.0 15.0

122 8.7 8.6 12.8

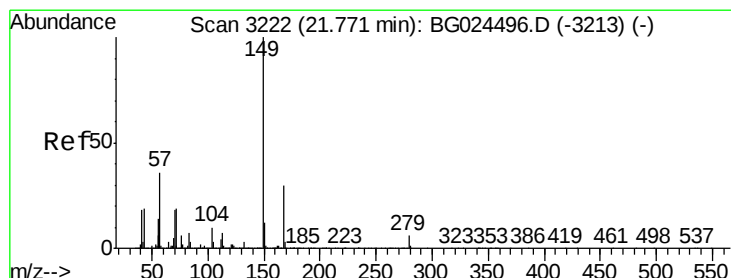
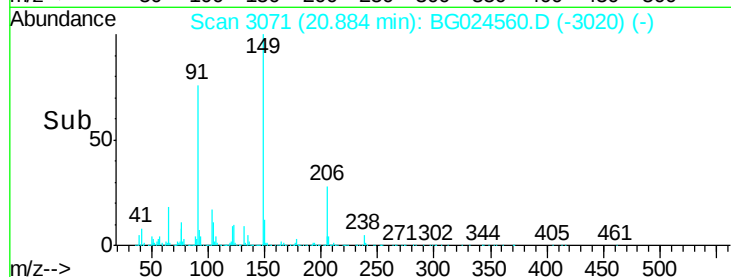
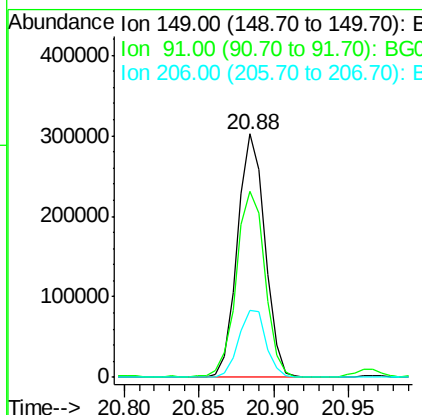
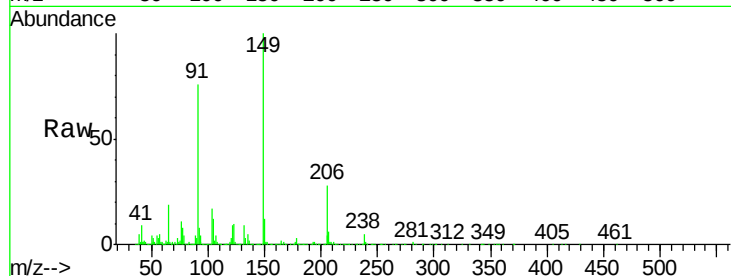




#79
 Butylbenzylphthalate
 Concen: 17.53 ng
 RT: 20.88 min Scan# 3071
 Delta R.T. 0.00 min
 Lab File: BG024560.D
 Acq: 31 Oct 2016 17:31

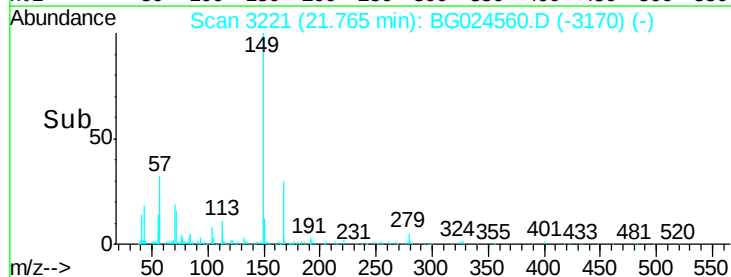
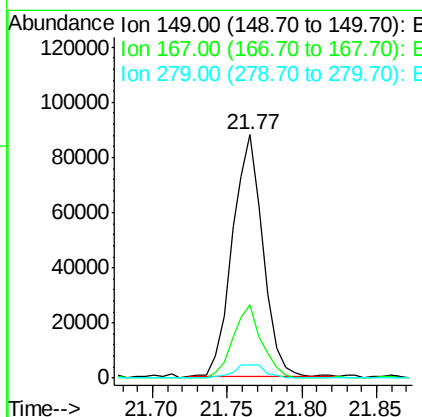
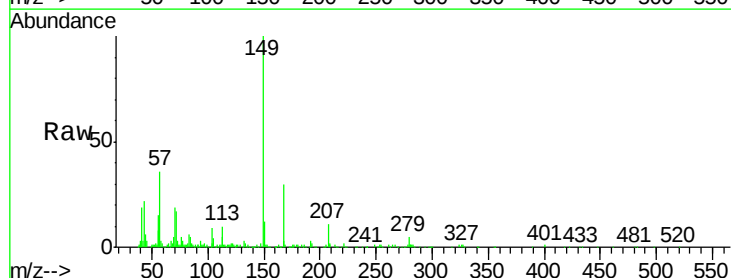
Instrument :
 BNA_G
 ClientSampleId :
 MH-6

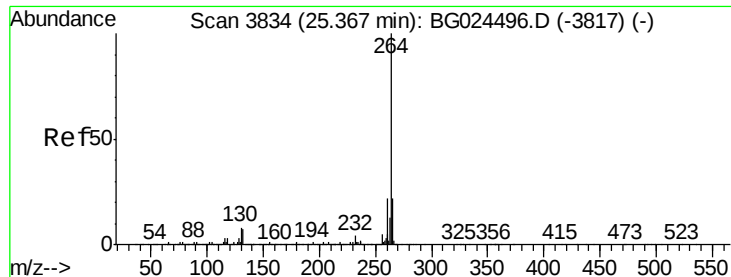
Tgt Ion:149 Resp: 387078
 Ion Ratio Lower Upper
 149 100
 91 76.4 63.5 95.3
 206 27.5 21.0 31.6



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.91 ng
 RT: 21.77 min Scan# 3221
 Delta R.T. 0.00 min
 Lab File: BG024560.D
 Acq: 31 Oct 2016 17:31

Tgt Ion:149 Resp: 123508
 Ion Ratio Lower Upper
 149 100
 167 30.3 23.7 35.5
 279 5.4 4.6 6.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.01 min
Lab File: BG024560.D
Acq: 31 Oct 2016 17:31

Instrument :
BNA_G
ClientSampleId :
MH-6

Tgt Ion: 264 Resp: 1126296

Ion	Ratio	Lower	Upper
264	100		
260	25.2	21.8	32.8
265	19.6	18.2	27.4

