

Data Path : Z:\HPCHEM1\BNA G\Data\BG110716\
 Data File : BG024760.D
 Acq On : 8 Nov 2016 15:26
 Operator : UM/SJ
 Sample : H5558-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 08 16:07:18 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

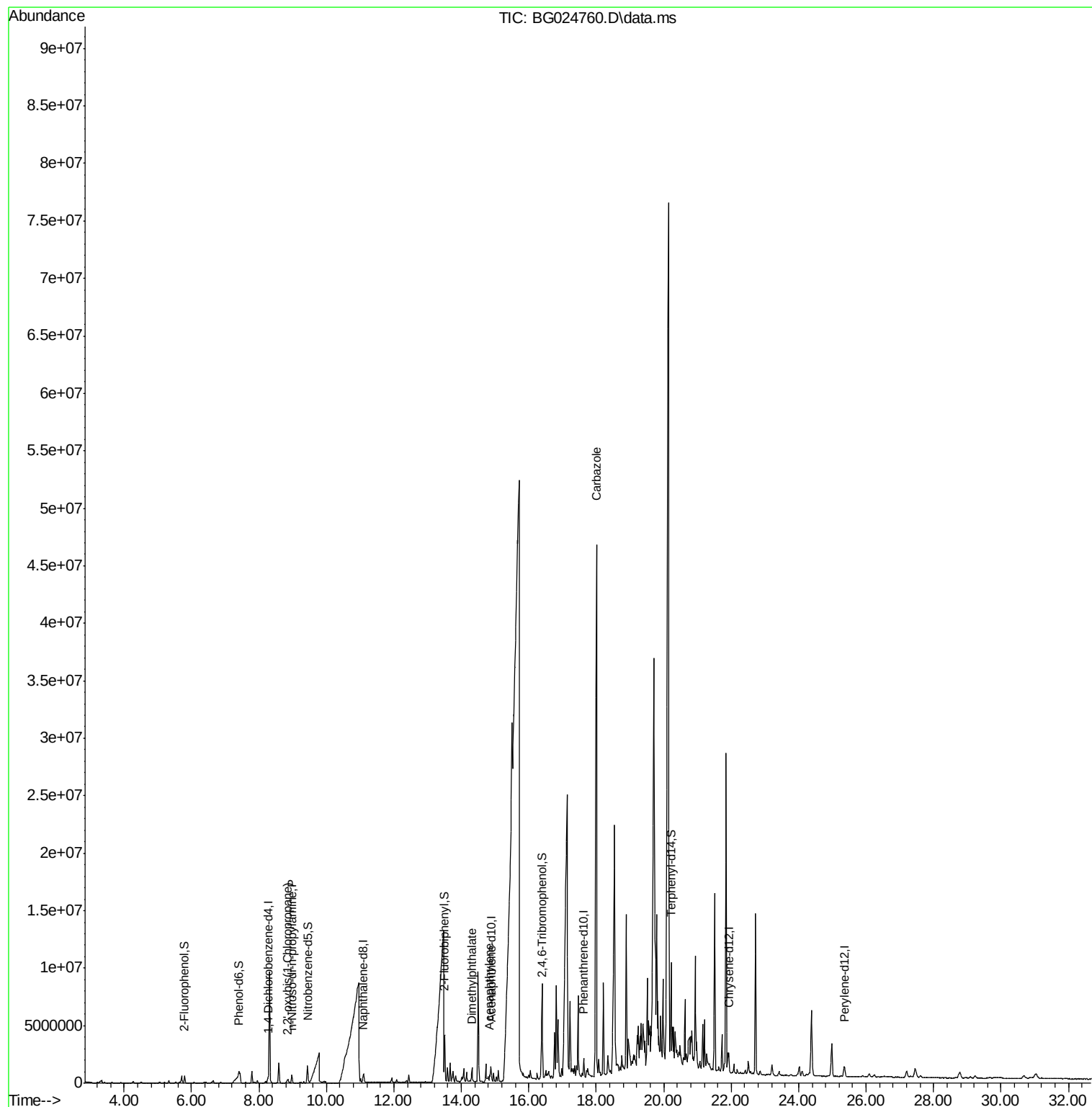
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.261	152	112053	20.00	ng	0.00
21) Naphthalene-d8	11.088	136	472057	20.00	ng	-0.01
38) Acenaphthene-d10	14.877	164	371494	20.00	ng	-0.01
63) Phenanthrene-d10	17.627	188	762358	20.00	ng	0.00
75) Chrysene-d12	21.928	240	989898	20.00	ng	0.00
86) Perylene-d12	25.353	264	1083982	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	240520	35.18	ng	0.00
7) Phenol-d6	7.404	99	235126	25.07	ng	0.00
23) Nitrobenzene-d5	9.437	82	973566	93.90	ng	-0.01
41) 2,4,6-Tribromophenol	16.375	330	440783	79.42	ng	0.00
44) 2-Fluorobiphenyl	13.508	172	2011677	90.00	ng	0.00
78) Terphenyl-d14	20.218	244	2922421	88.22	ng	0.00
Target Compounds						
16) 2,2'-oxybis(1-Chloropr...	8.843	45	44379	3.29	ng	Qvalue 76
19) n-Nitroso-di-n-propyla...	8.978	70	84465	12.22	ng	# 69
48) Acenaphthylene	14.842	152	60576	2.01	ng	# 37
49) Dimethylphthalate	14.325	163	78150	2.96	ng	97
72) Carbazole	18.003	167	79101	2.21	ng	# 1

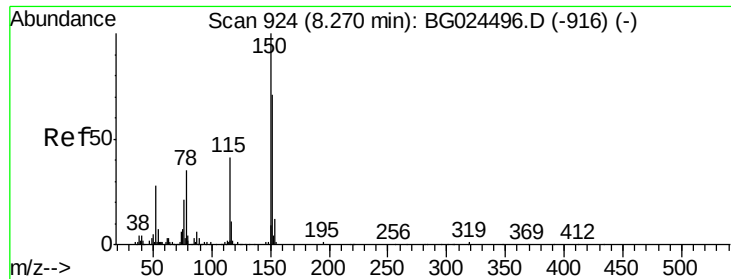
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\Data\BG110716\
Data File : BG024760.D
Acq On : 8 Nov 2016 15:26
Operator : UM/SJ
Sample : H5558-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 08 16:07:18 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.261 min Scan# 92

Delta R.T. -0.008 min

Lab File: BG024760.D

Acq: 8 Nov 2016 15:26

Instrument :

BNA_G

ClientSampleId :

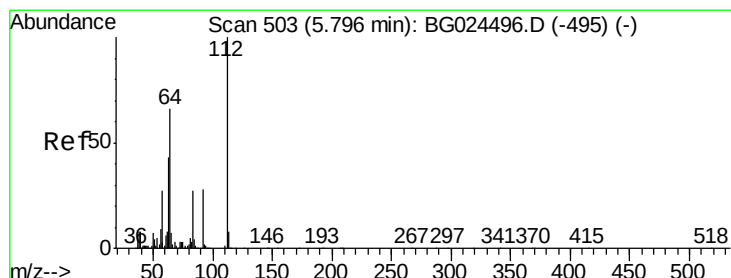
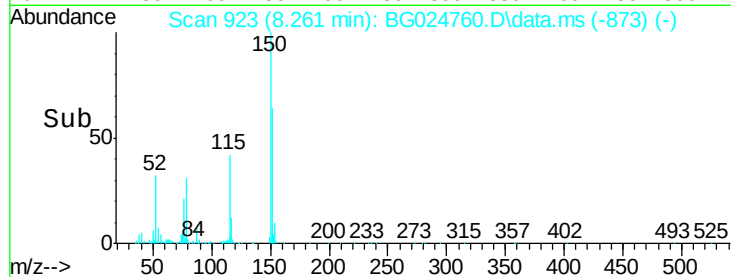
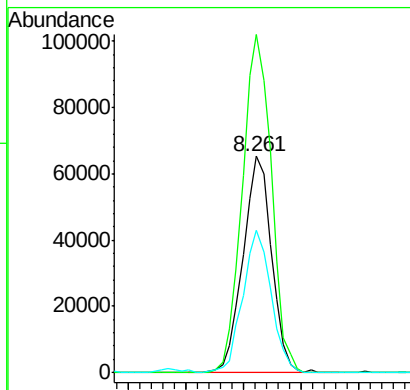
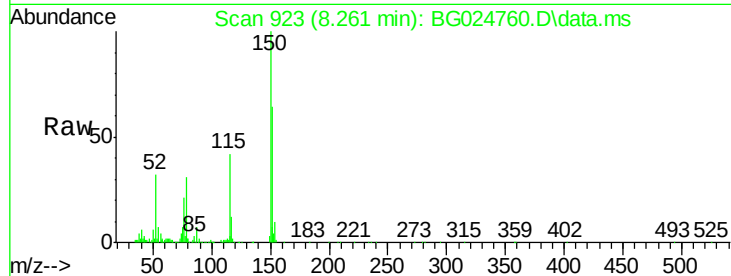
Tot Ion:152 Resp: 112053

Ion Ratio Lower Upper

152 100

150 156.3 114.0 171.0

115 65.8 48.1 72.1



#5

2-Fluorophenol

Concen: 35.18 ng

RT: 5.794 min Scan# 503

Delta R.T. -0.002 min

Lab File: BG024760.D

Acq: 8 Nov 2016 15:26

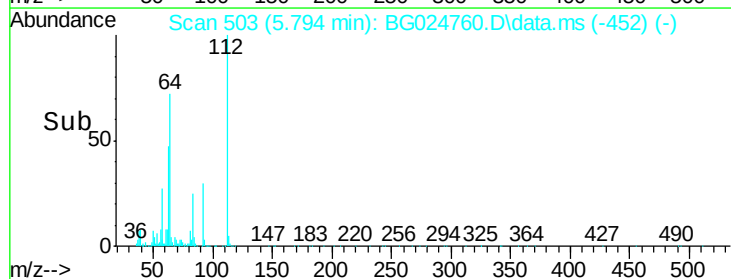
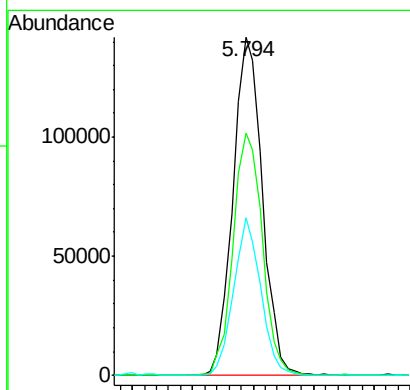
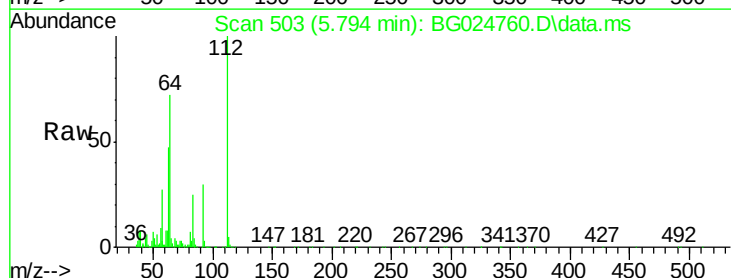
Tgt Ion:112 Resp: 240520

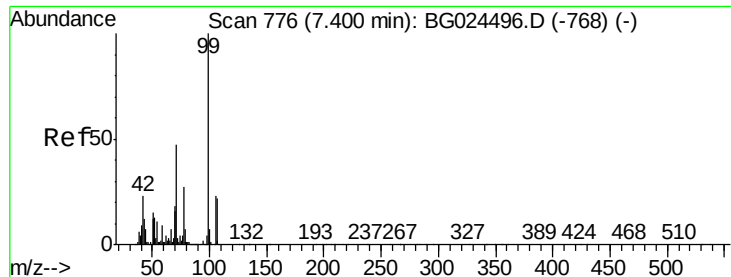
Ion Ratio Lower Upper

112 100

64 71.6 61.8 92.6

63 46.6 37.2 55.8





#7

Phenol-d6

Concen: 25.07 ng

RT: 7.404 min Scan# 77

Delta R.T. 0.004 min

Lab File: BG024760.D

Acq: 8 Nov 2016 15:26

Instrument :

BNA_G

ClientSampleId :

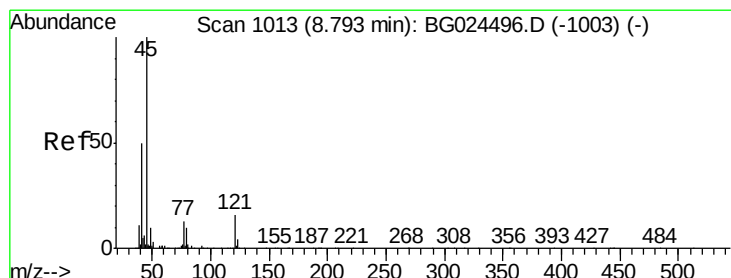
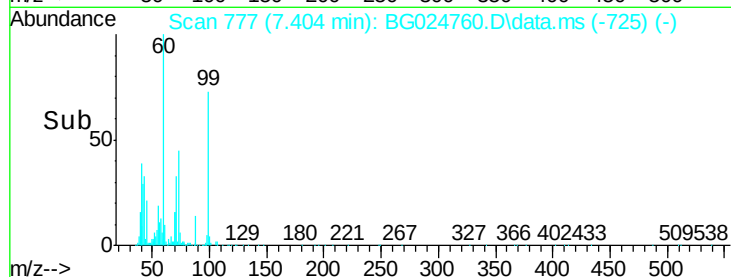
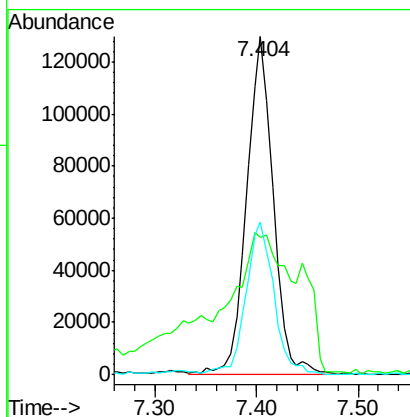
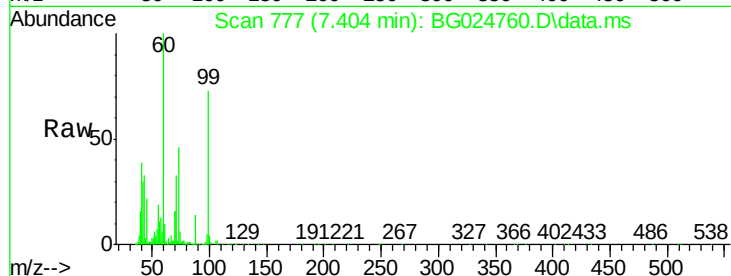
Tot Ion: 99 Resp: 235126

Ion Ratio Lower Upper

99 100

42 40.5 20.5 30.7#

71 44.9 37.6 56.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.29 ng

RT: 8.843 min Scan# 1022

Delta R.T. 0.051 min

Lab File: BG024760.D

Acq: 8 Nov 2016 15:26

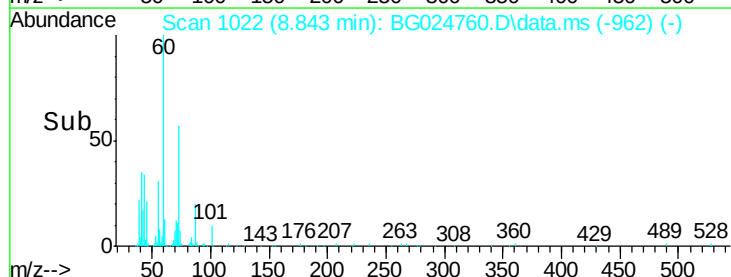
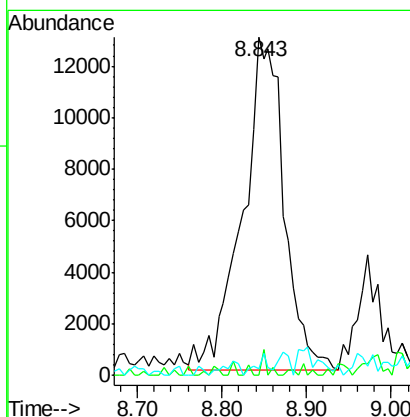
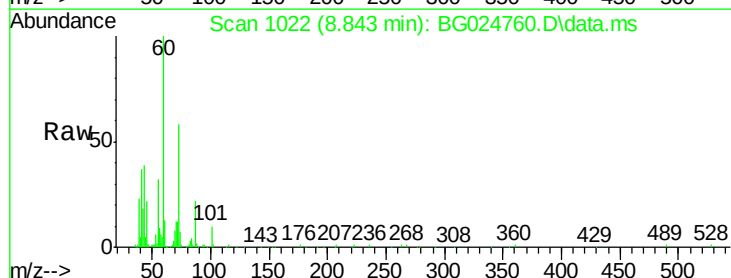
Tgt Ion: 45 Resp: 44379

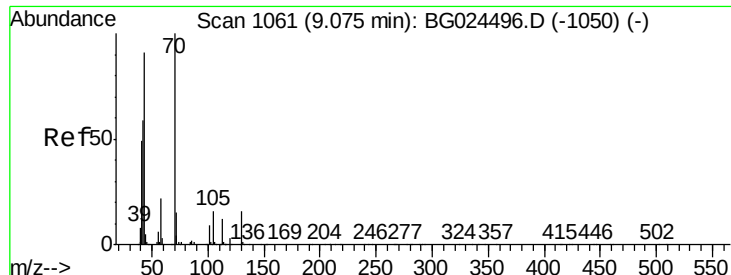
Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.6

79 2.1 0.0 28.5

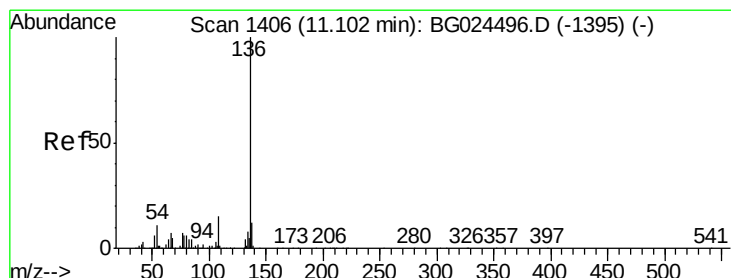
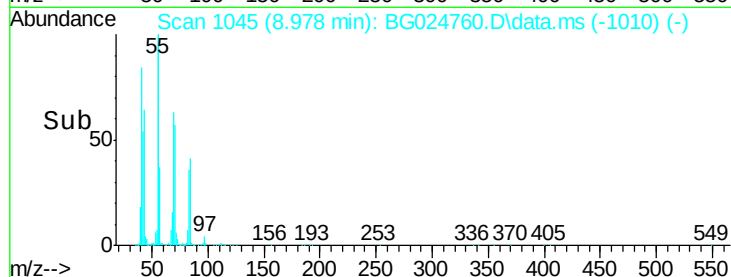
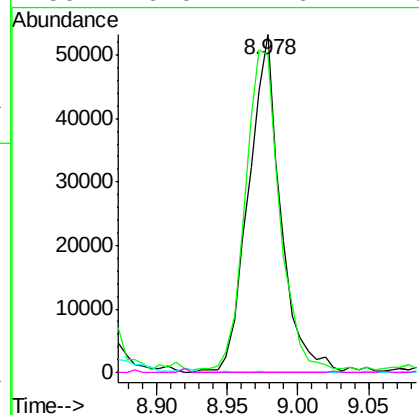
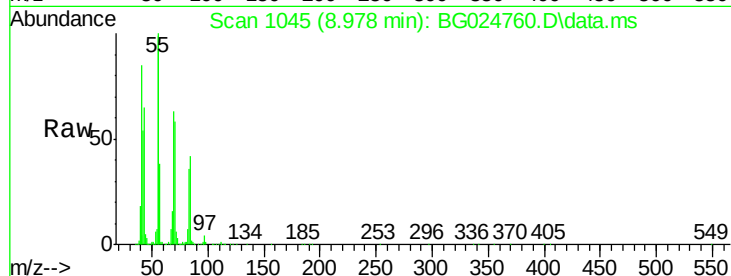




#19
n-Nitroso-di-n-propylamine
Concen: 12.22 ng
RT: 8.978 min Scan# 10
Delta R.T. -0.096 min
Lab File: BG024760.D
Acq: 8 Nov 2016 15:26

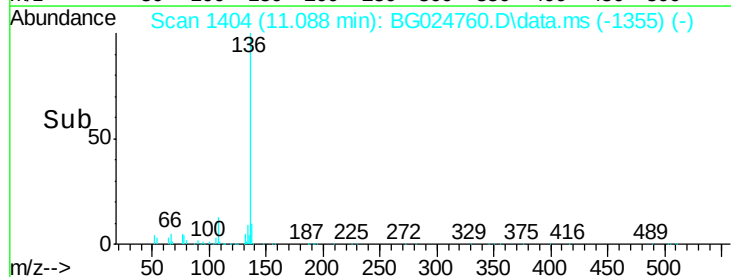
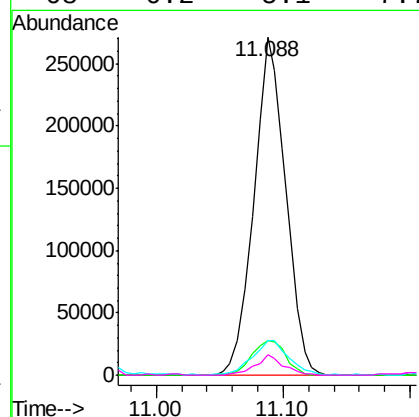
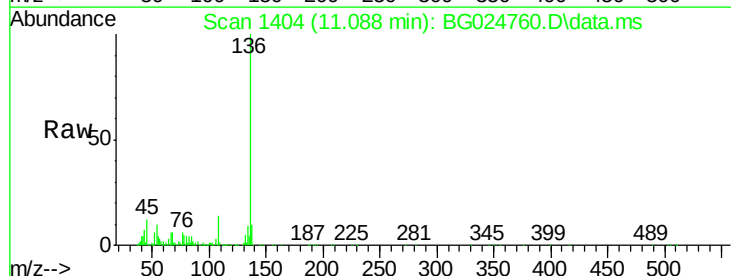
Instrument :
BNA_G
ClientSampleId :

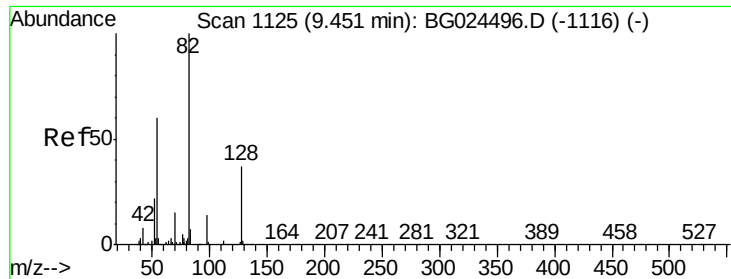
Tot Ion: 70 Resp: 84465
Ion Ratio Lower Upper
70 100
42 94.0 56.1 84.1#
101 0.0 7.5 11.3#
130 0.0 14.6 21.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.088 min Scan# 1404
Delta R.T. -0.014 min
Lab File: BG024760.D
Acq: 8 Nov 2016 15:26

Tgt Ion: 136 Resp: 472057
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 10.4 9.3 13.9
68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 93.90 ng

RT: 9.437 min Scan# 11

Delta R.T. -0.014 min

Lab File: BG024760.D

Acq: 8 Nov 2016 15:26

Instrument :

BNA_G

ClientSampled :

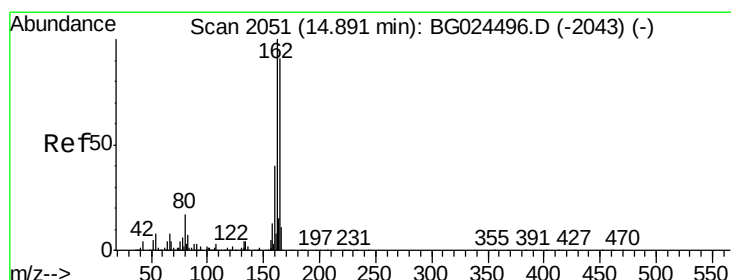
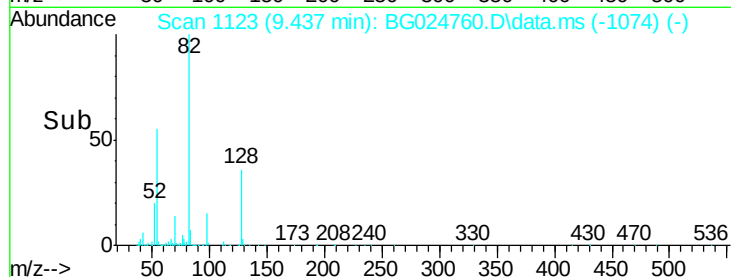
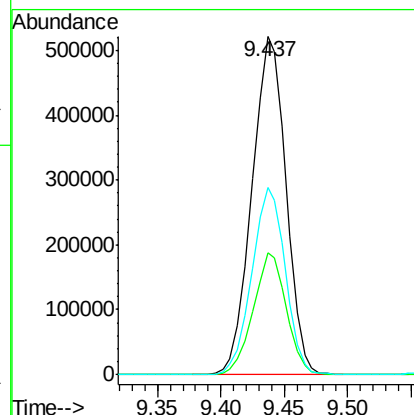
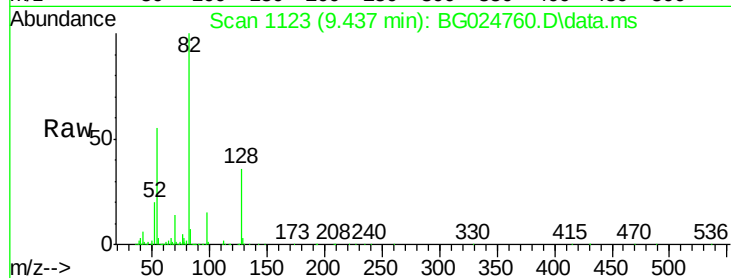
Tot Ion: 82 Resp: 973566

Ion Ratio Lower Upper

82 100

128 36.1 26.4 39.6

54 55.3 49.4 74.2



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.877 min Scan# 2049

Delta R.T. -0.014 min

Lab File: BG024760.D

Acq: 8 Nov 2016 15:26

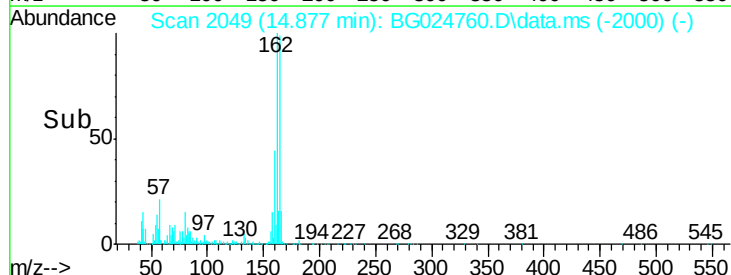
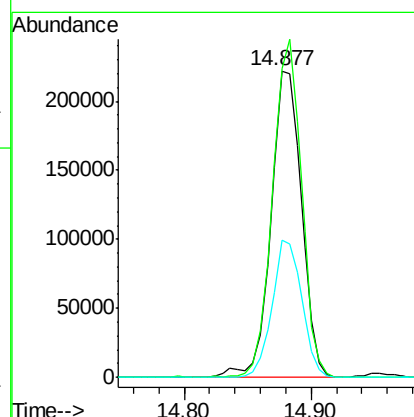
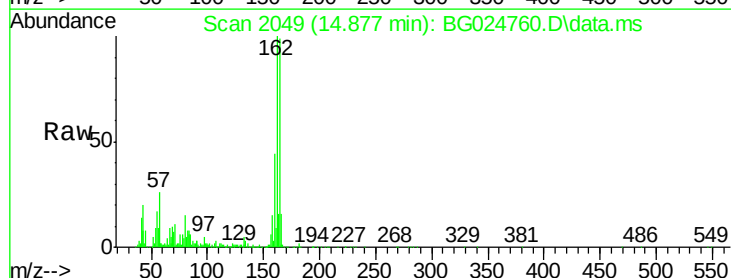
Tgt Ion: 164 Resp: 371494

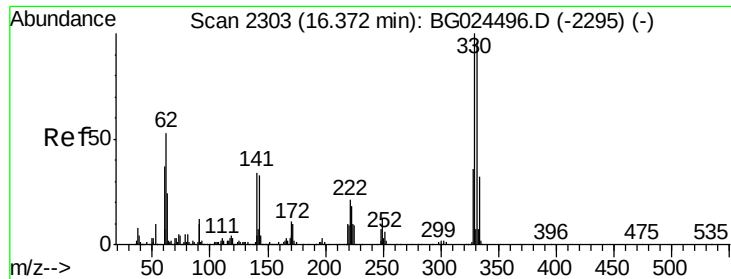
Ion Ratio Lower Upper

164 100

162 100.8 85.1 127.7

160 44.6 34.7 52.1

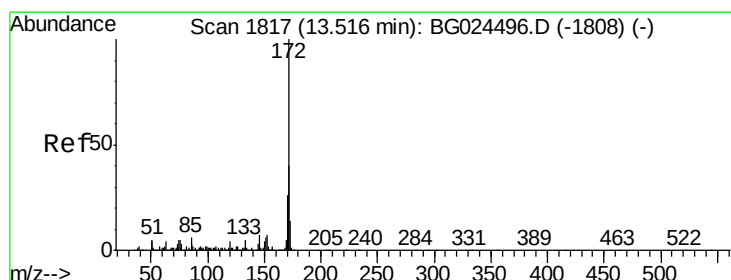
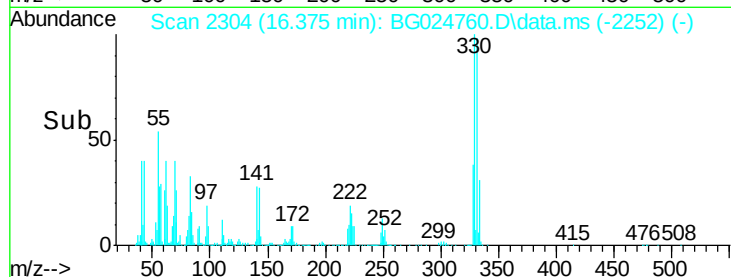
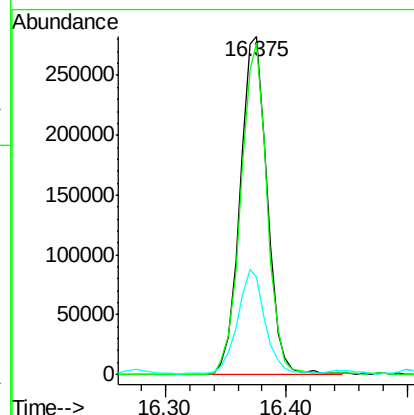
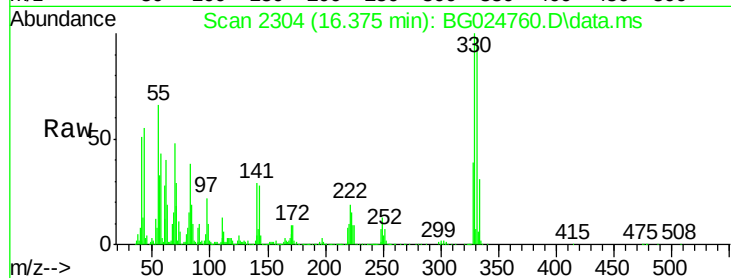




#41
2,4,6-Tribromophenol
Concen: 79.42 ng
RT: 16.375 min Scan# 23
Delta R.T. 0.004 min
Lab File: BG024760.D
Acq: 8 Nov 2016 15:26

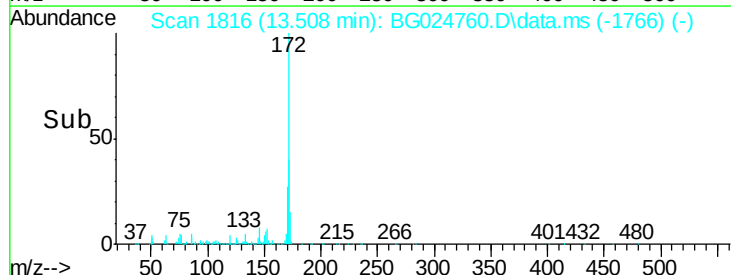
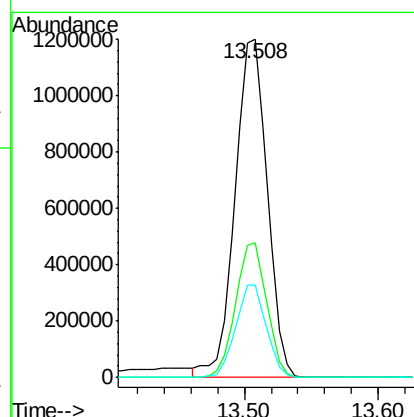
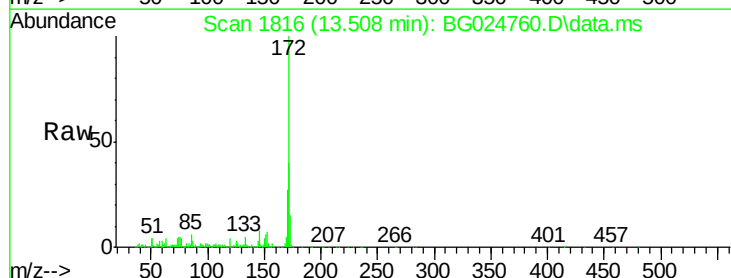
Instrument :
BNA_G
ClientSampleId :

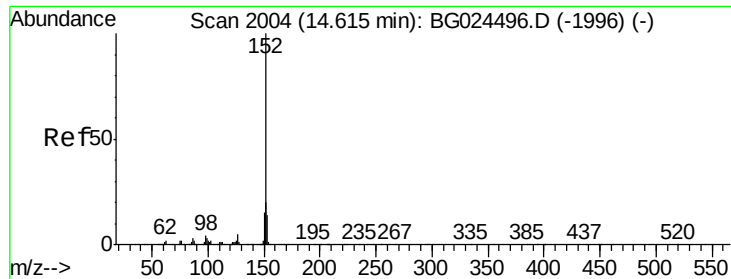
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.3	115.9
141	31.5	32.1	48.1



#44
2-Fluorobiphenyl
Concen: 90.00 ng
RT: 13.508 min Scan# 1816
Delta R.T. -0.008 min
Lab File: BG024760.D
Acq: 8 Nov 2016 15:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	32.2	48.2
170	27.2	21.8	32.6





#48

Acenaphthylene

Concen: 2.01 ng

RT: 14.842 min Scan# 20

Delta R.T. 0.227 min

Lab File: BG024760.D

Acq: 8 Nov 2016 15:26

Instrument :

BNA_G

ClientSampleId :

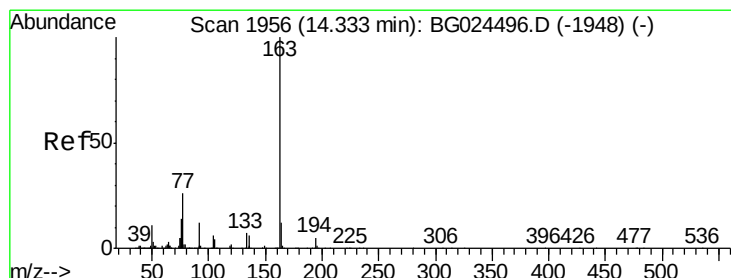
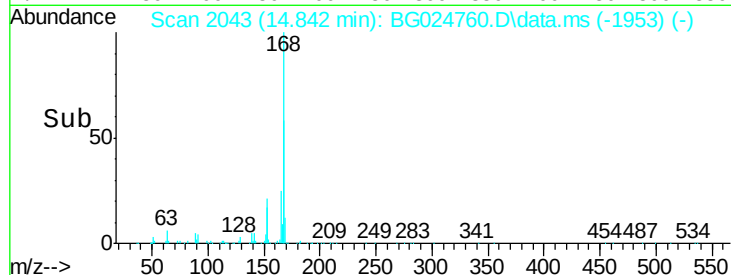
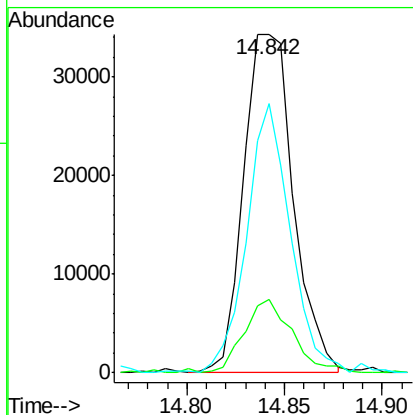
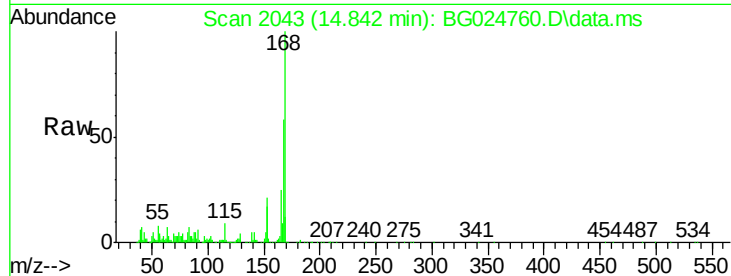
Tot Ion:152 Resp: 60576

Ion Ratio Lower Upper

152 100

151 21.5 18.2 27.2

153 79.7 11.3 16.9#



#49

Dimethylphthalate

Concen: 2.96 ng

RT: 14.325 min Scan# 1955

Delta R.T. -0.008 min

Lab File: BG024760.D

Acq: 8 Nov 2016 15:26

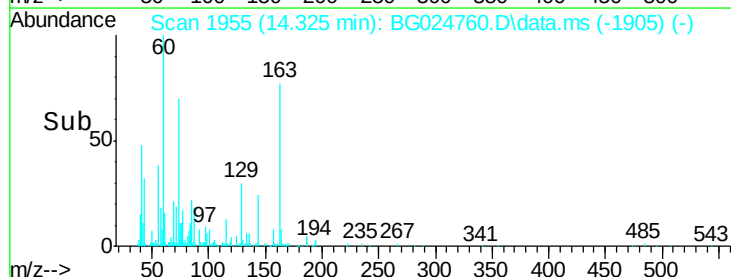
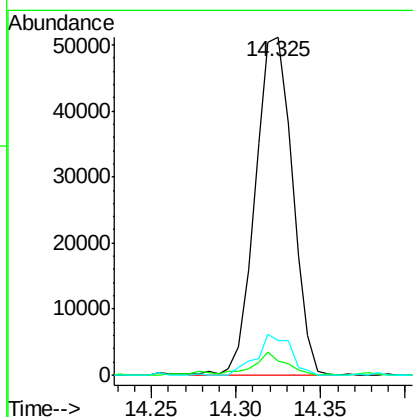
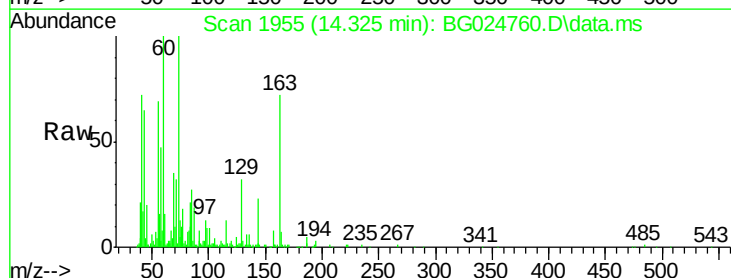
Tgt Ion:163 Resp: 78150

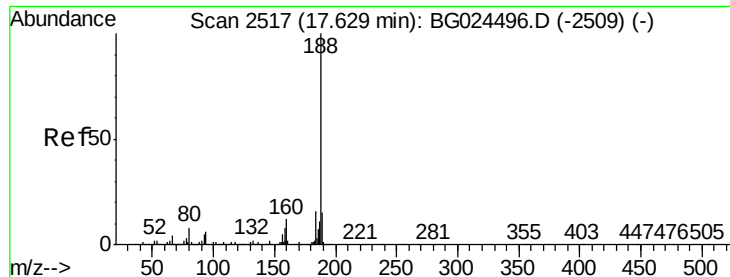
Ion Ratio Lower Upper

163 100

194 4.1 3.8 5.6

164 10.2 9.3 13.9

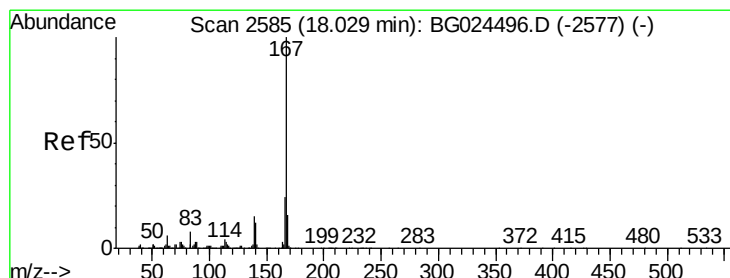
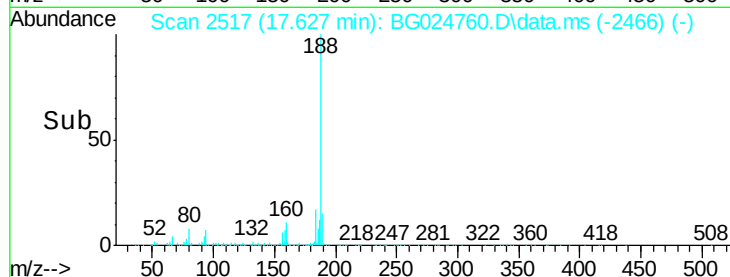
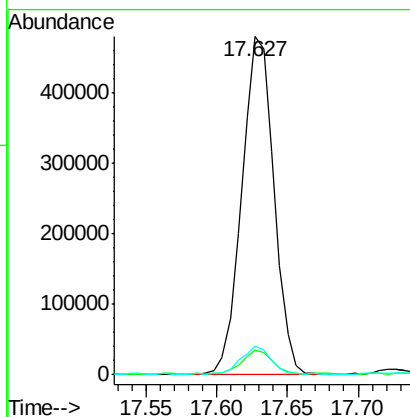
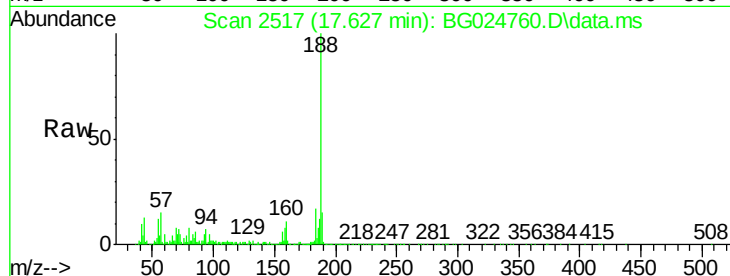




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.627 min Scan# 2517
Delta R.T. -0.002 min
Lab File: BG024760.D
Acq: 8 Nov 2016 15:26

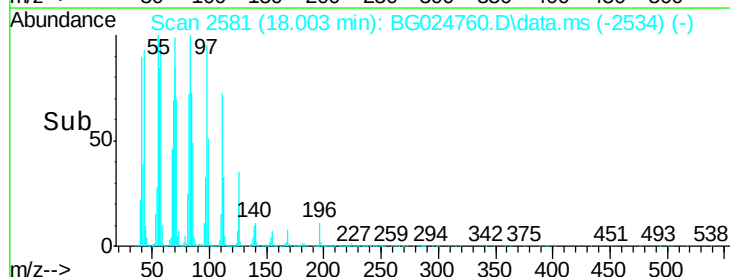
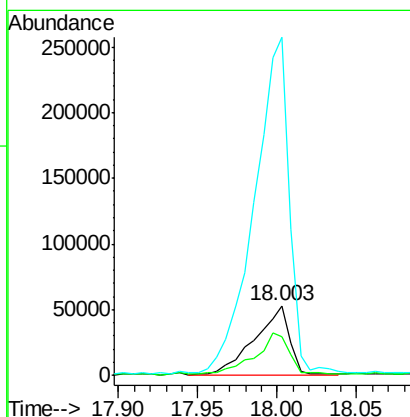
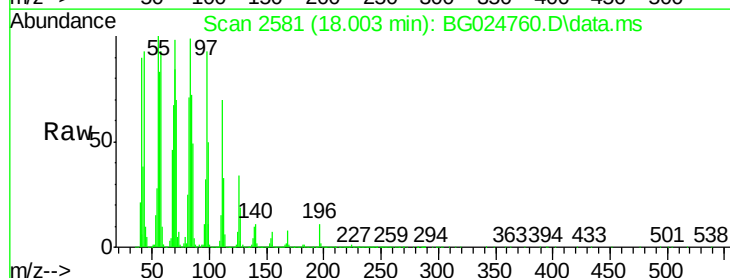
Instrument :
BNA_G
ClientSampleId :

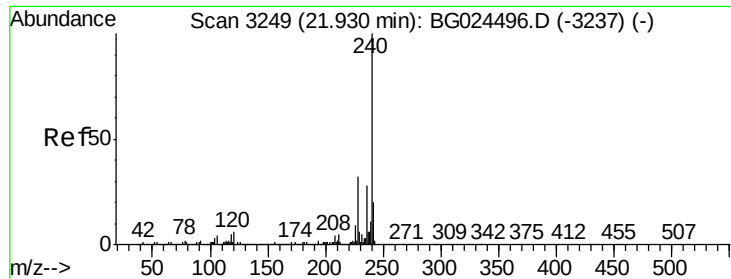
Tot Ion	188	Resp	762358
Ion Ratio	100	Lower	Upper
94	7.3	5.8	8.8
80	8.5	7.5	11.3



#72
Carbazole
Concen: 2.21 ng
RT: 18.003 min Scan# 2581
Delta R.T. -0.026 min
Lab File: BG024760.D
Acq: 8 Nov 2016 15:26

Tgt Ion	167	Resp	79101
Ion Ratio	100	Lower	Upper
166	54.5	20.2	30.2#
139	485.2	12.8	19.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.928 min Scan# 32

Delta R.T. -0.002 min

Lab File: BG024760.D

Acq: 8 Nov 2016 15:26

Instrument :

BNA_G

ClientSampleId :

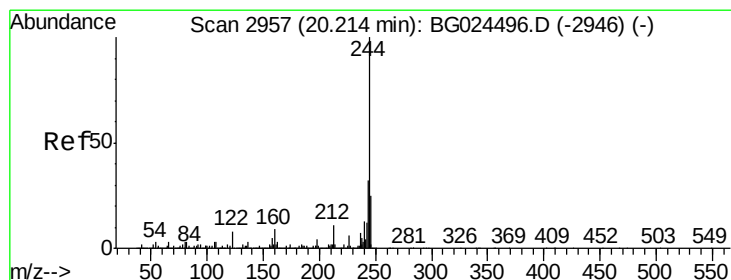
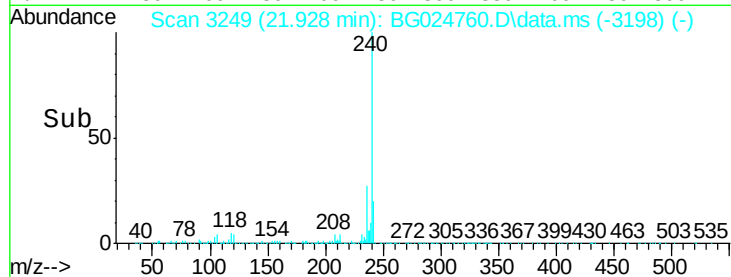
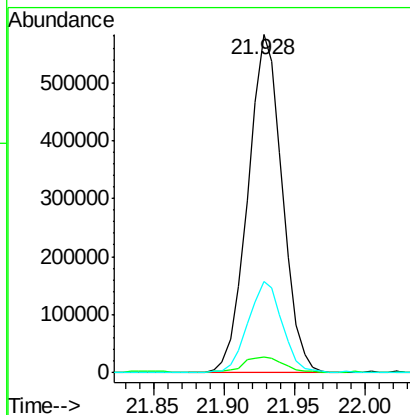
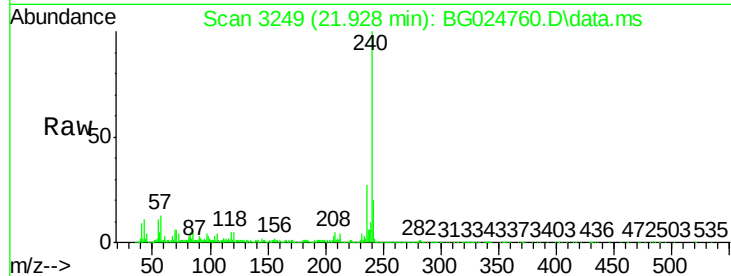
Tot Ion:240 Resp: 989898

Ion Ratio Lower Upper

240 100

120 4.7 5.7 8.5#

236 27.1 22.2 33.4



#78

Terphenyl-d14

Concen: 88.22 ng

RT: 20.218 min Scan# 2958

Delta R.T. 0.004 min

Lab File: BG024760.D

Acq: 8 Nov 2016 15:26

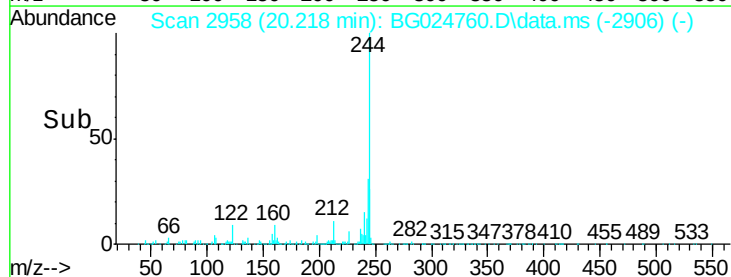
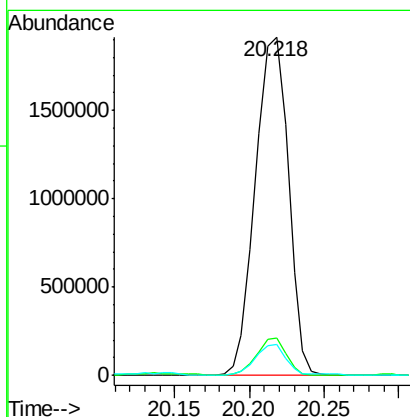
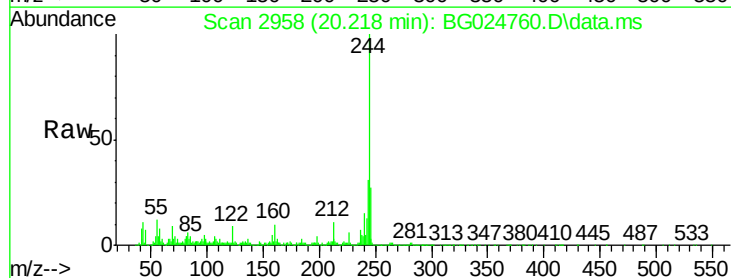
Tgt Ion:244 Resp: 2922421

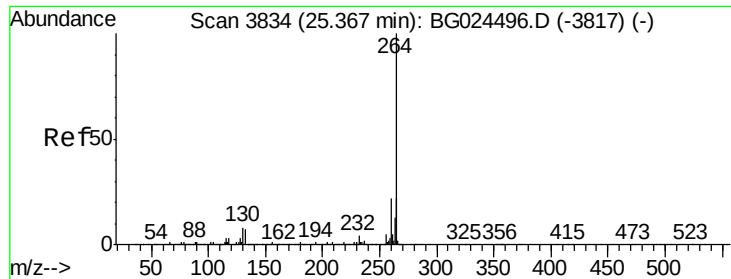
Ion Ratio Lower Upper

244 100

212 10.8 10.0 15.0

122 9.2 8.6 12.8





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.353 min Scan# 38
 Delta R.T. -0.014 min
 Lab File: BG024760.D
 Acq: 8 Nov 2016 15:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264 Resp: 1083982

Ion	Ratio	Lower	Upper
264	100		
260	22.6	21.8	32.8
265	20.7	18.2	27.4

