

Data Path : Z:\HPCHEM1\BNA G\Data\BG071116\NRD\
 Data File : BG023006.D
 Acq On : 11 Jul 2016 18:38
 Operator : UM/SJ
 Sample : H2927-04DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0004DL

Quant Time: Jul 12 09:35:00 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

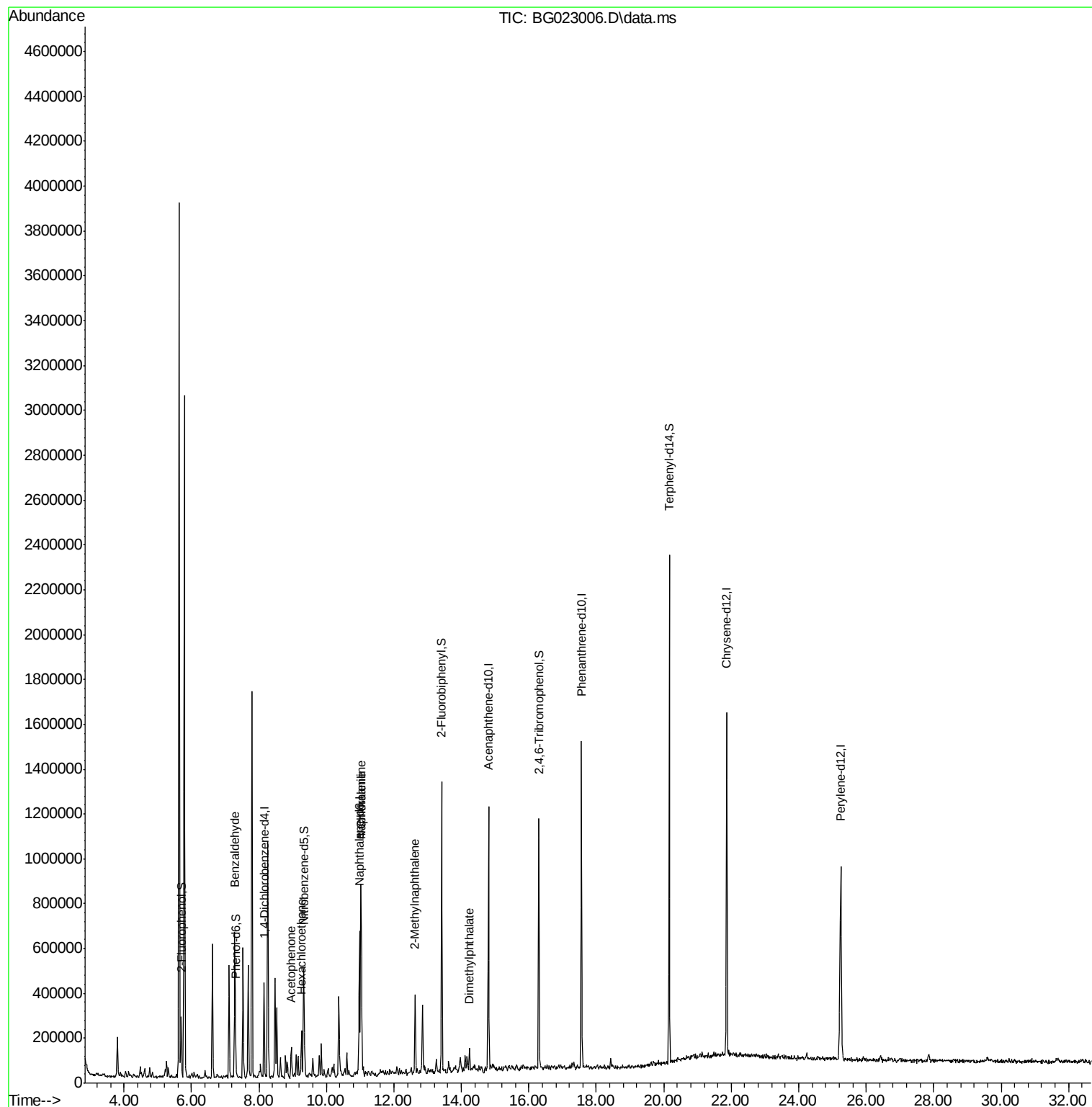
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	109275	20.00	ng	0.00
21) Naphthalene-d8	10.979	136	516684	20.00	ng	0.00
38) Acenaphthene-d10	14.798	164	389060	20.00	ng	0.00
63) Phenanthrene-d10	17.559	188	900657	20.00	ng	0.00
75) Chrysene-d12	21.866	240	1006236	20.00	ng	0.02
86) Perylene-d12	25.244	264	1014670	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	103864	15.55	ng	0.00
7) Phenol-d6	7.306	99	101238	9.67	ng	0.00
23) Nitrobenzene-d5	9.328	82	293090	24.29	ng	0.00
41) 2,4,6-Tribromophenol	16.296	330	202771	29.00	ng	0.00
44) 2-Fluorobiphenyl	13.417	172	650411	26.33	ng	0.00
78) Terphenyl-d14	20.162	244	980998	21.03	ng	0.00
Target Compounds						
9) Benzaldehyde	7.283	77	53448	7.64	ng	Qvalue
18) Hexachloroethane	9.269	117	38607	10.50	ng	# 1
22) Acetophenone	8.957	105	104898	6.76	ng	# 16
31) Naphthalene	11.031	128	651223	24.76	ng	# 55
33) 4-Chloroaniline	11.031	127	90867	7.06	ng	# 98
37) 2-Methylnaphthalene	12.630	142	149948	7.21	ng	# 34
49) Dimethylphthalate	14.239	163	64061	2.02	ng	# 96

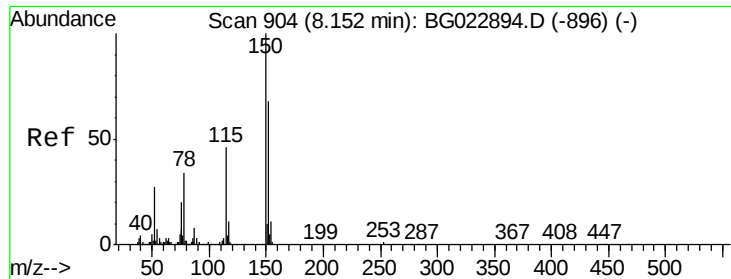
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 12 09:35:00 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.152 min Scan# 90

Delta R.T. 0.001 min

Lab File: BG023006.D

Acq: 11 Jul 2016 18:38

Instrument :

BNA_G

ClientSampleId :

S22-0004DL

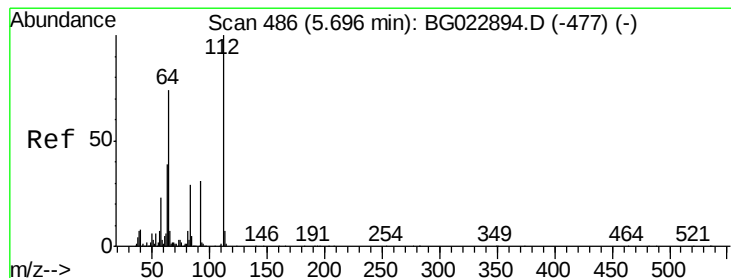
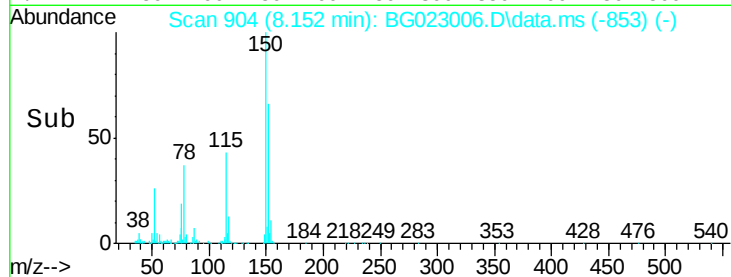
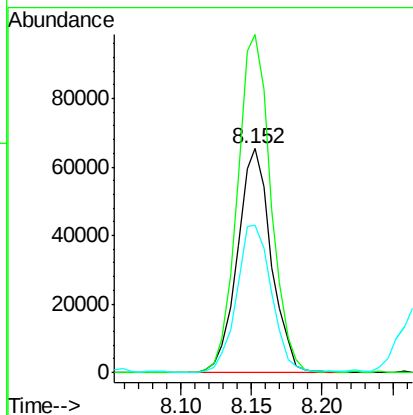
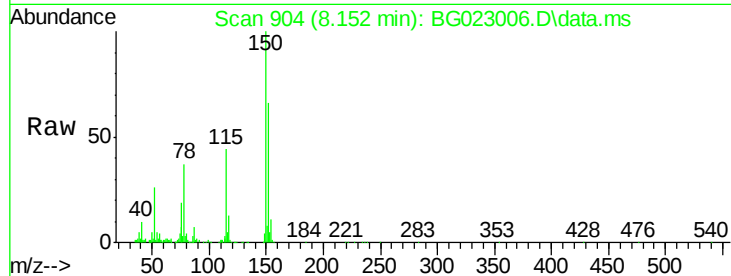
Tot Ion:152 Resp: 109275

Ion Ratio Lower Upper

152 100

150 150.9 144.7 217.1

115 66.0 64.0 96.0



#5

2-Fluorophenol

Concen: 15.55 ng

RT: 5.696 min Scan# 486

Delta R.T. 0.001 min

Lab File: BG023006.D

Acq: 11 Jul 2016 18:38

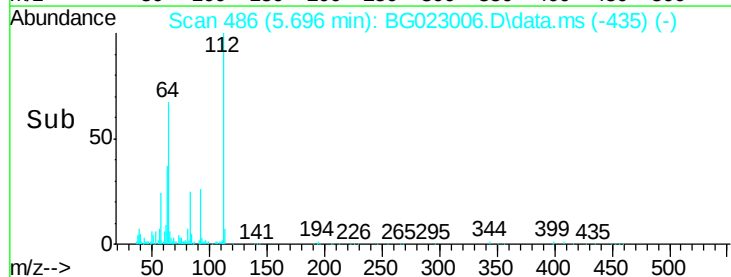
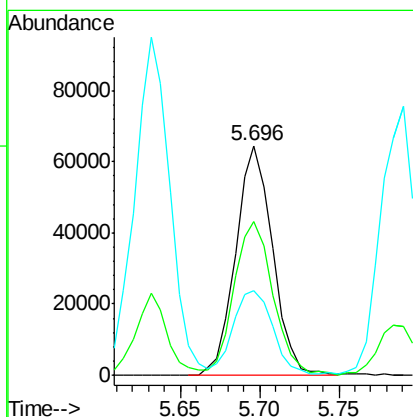
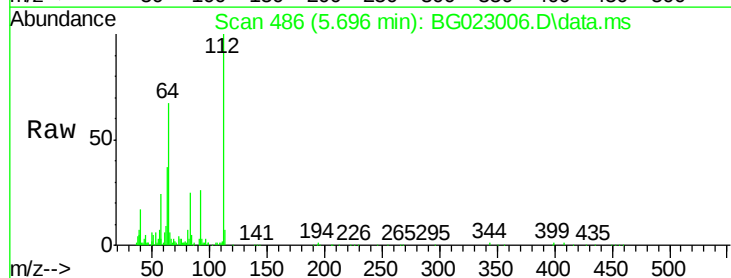
Tgt Ion:112 Resp: 103864

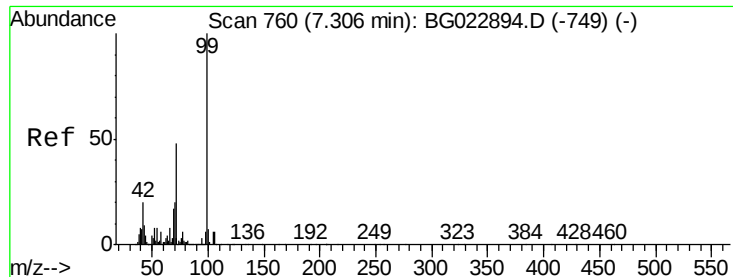
Ion Ratio Lower Upper

112 100

64 67.2 59.0 88.4

63 37.1 37.8 56.8#





#7

Phenol-d6

Concen: 9.67 ng

RT: 7.306 min Scan# 760

Delta R.T. 0.001 min

Lab File: BG023006.D

Acq: 11 Jul 2016 18:38

Instrument :

BNA_G

ClientSampleID :

S22-0004DL

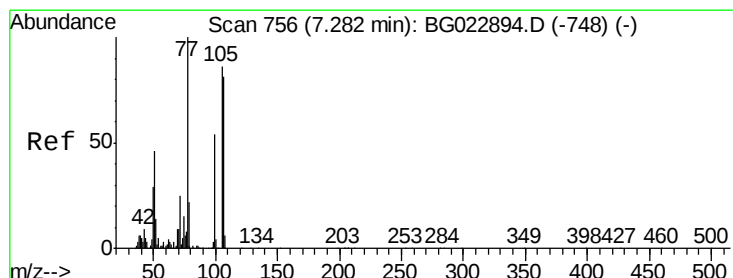
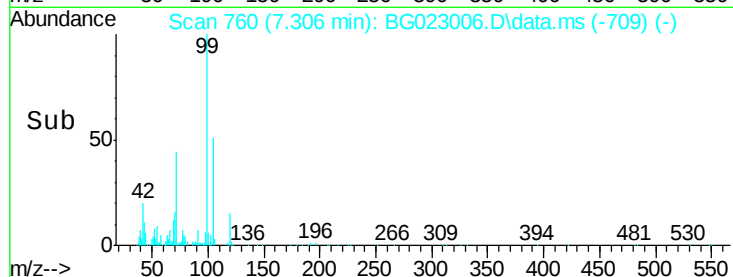
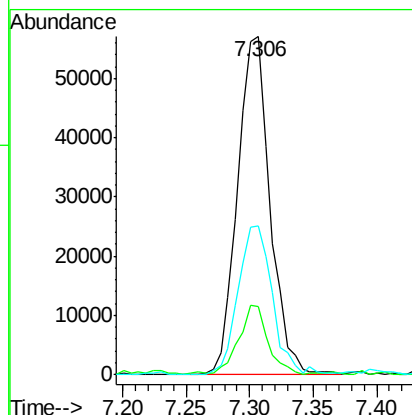
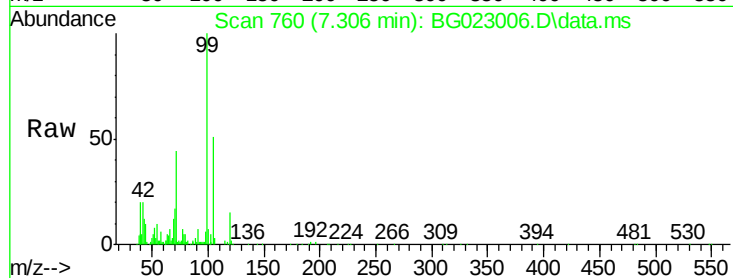
Tot Ion: 99 Resp: 101238

Ion Ratio Lower Upper

99 100

42 20.2 17.8 26.6

71 43.9 41.5 62.3



#9

Benzaldehyde

Concen: 7.64 ng

RT: 7.283 min Scan# 756

Delta R.T. 0.001 min

Lab File: BG023006.D

Acq: 11 Jul 2016 18:38

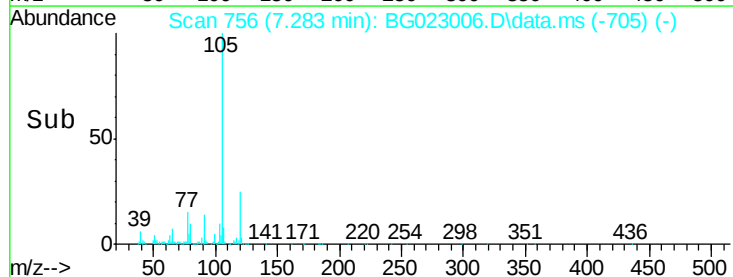
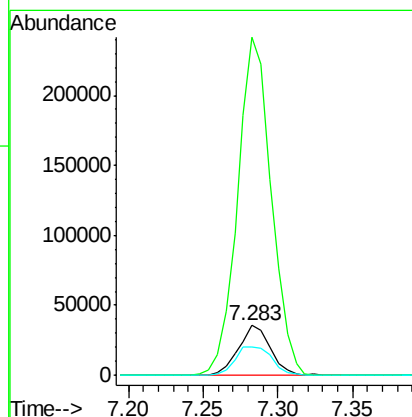
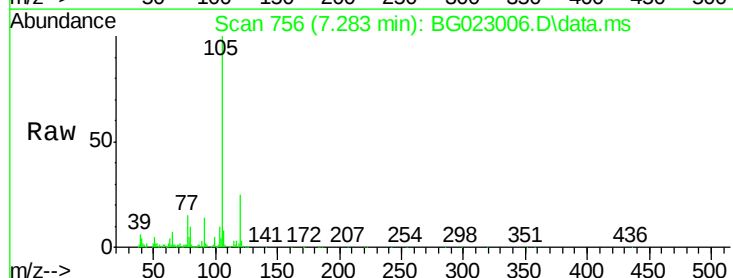
Tgt Ion: 77 Resp: 53448

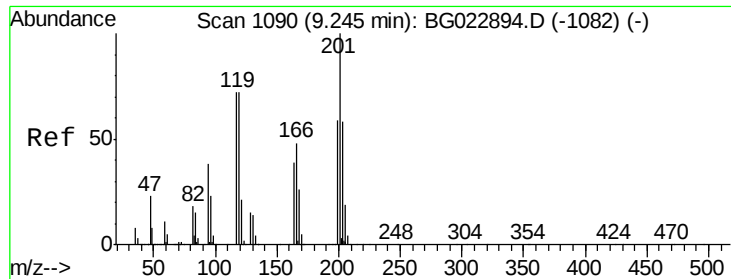
Ion Ratio Lower Upper

77 100

105 680.3 58.7 98.7#

106 57.6 67.5 107.5#





#18

Hexachloroethane

Concen: 10.50 ng

RT: 9.269 min Scan# 1094

Delta R.T. 0.024 min

Lab File: BG023006.D

Acq: 11 Jul 2016 18:38

Instrument :

BNA_G

ClientSampleId :

S22-0004DL

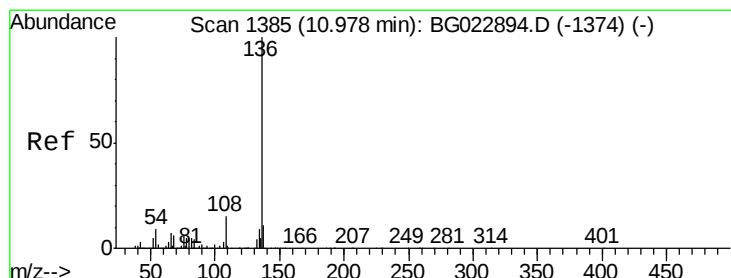
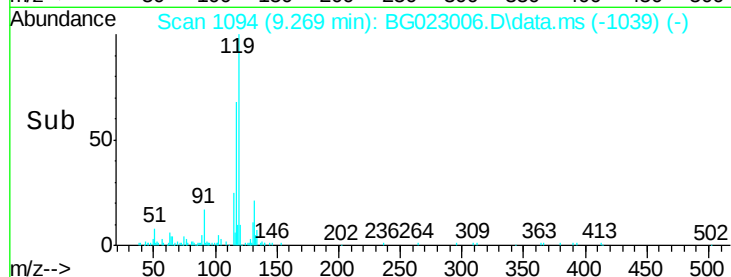
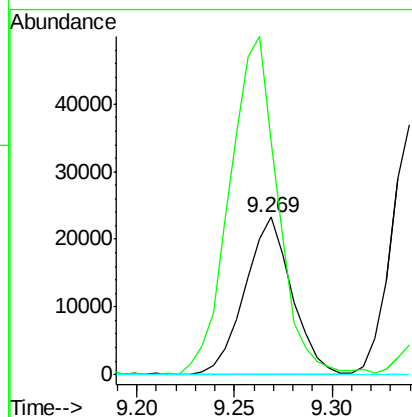
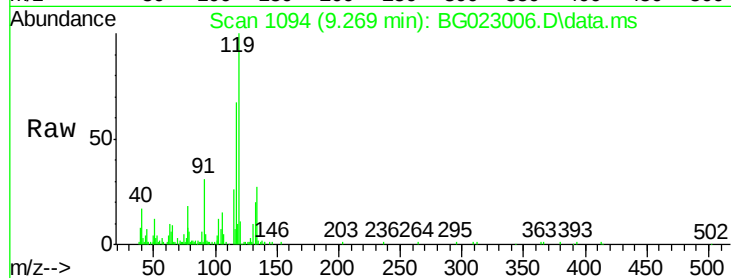
Tot Ion:117 Resp: 38607

Ion Ratio Lower Upper

117 100

119 148.7 73.7 110.5#

201 0.0 88.7 133.1#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.979 min Scan# 1385

Delta R.T. 0.001 min

Lab File: BG023006.D

Acq: 11 Jul 2016 18:38

Tgt Ion:136 Resp: 516684

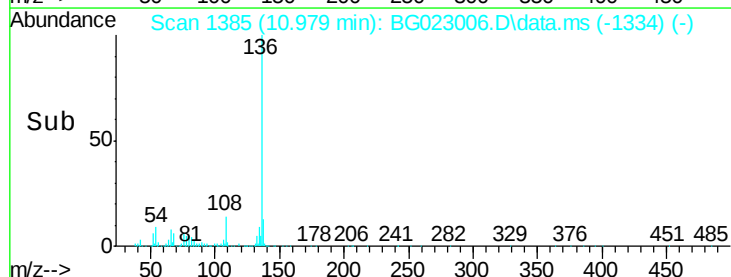
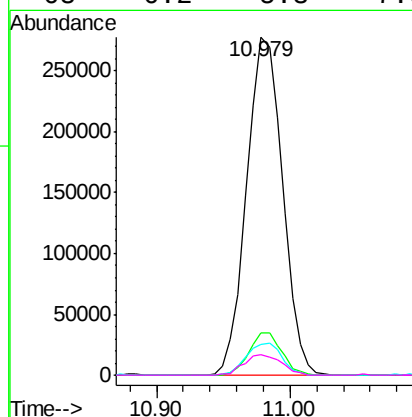
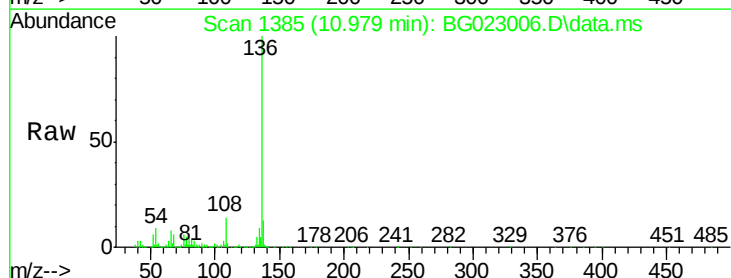
Ion Ratio Lower Upper

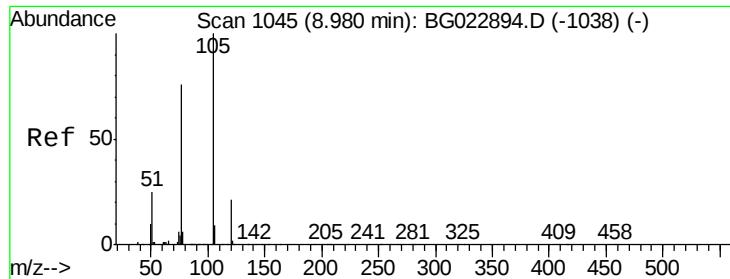
136 100

137 12.7 9.6 14.4

54 9.1 7.3 10.9

68 6.2 5.3 7.9





#22

Acetophenone

Concen: 6.76 ng

RT: 8.957 min Scan# 1041

Delta R.T. -0.023 min

Lab File: BG023006.D

Acq: 11 Jul 2016 18:38

Instrument :

BNA_G

ClientSampleID :

S22-0004DL

Tot Ion:105 Resp: 104898

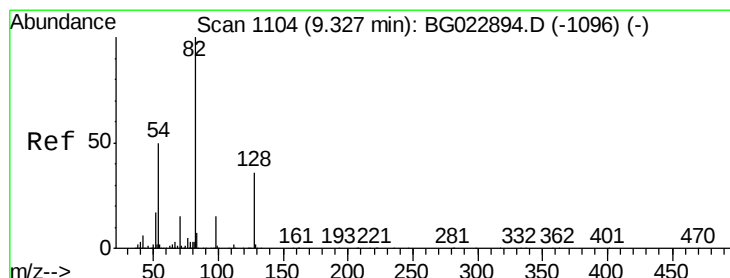
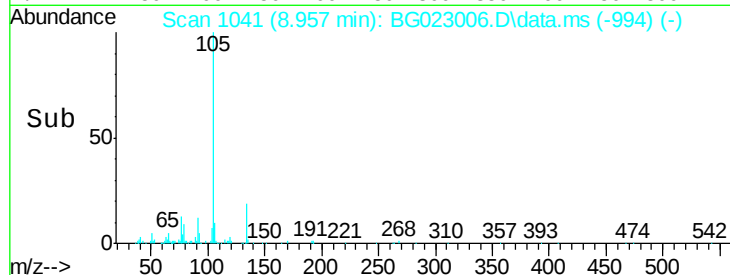
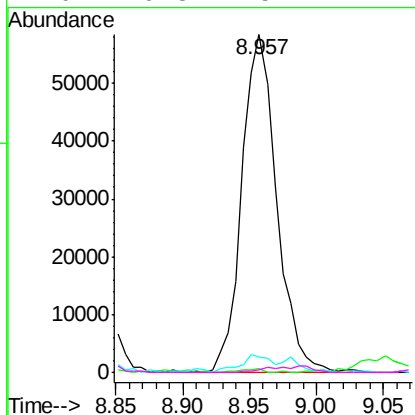
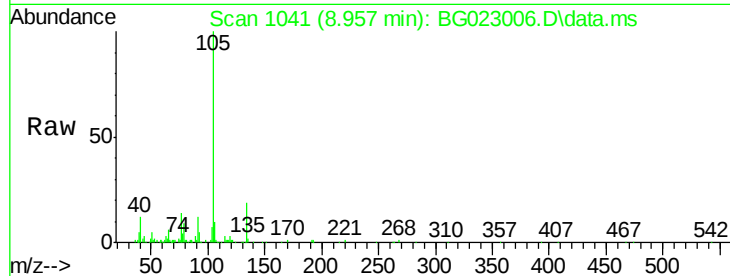
Ion Ratio Lower Upper

105 100

71 1.0 2.6 3.8#

51 4.6 27.1 40.7#

120 0.8 15.1 22.7#



#23

Nitrobenzene-d5

Concen: 24.29 ng

RT: 9.328 min Scan# 1104

Delta R.T. 0.001 min

Lab File: BG023006.D

Acq: 11 Jul 2016 18:38

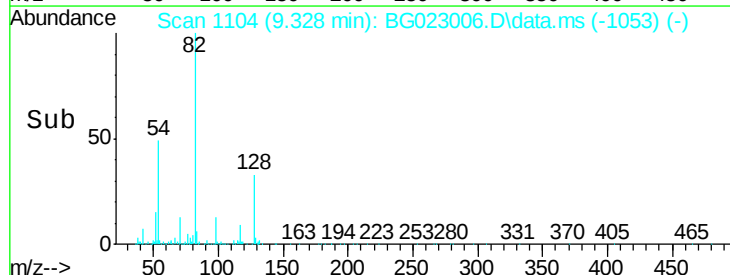
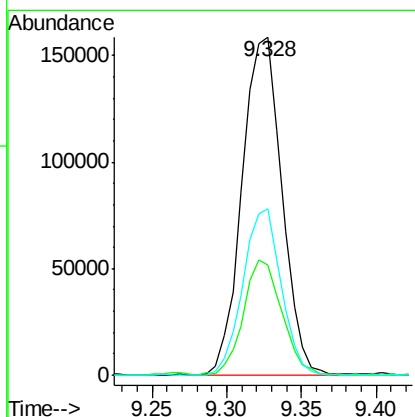
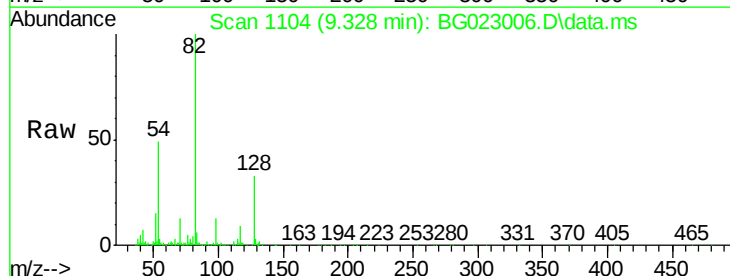
Tgt Ion: 82 Resp: 293090

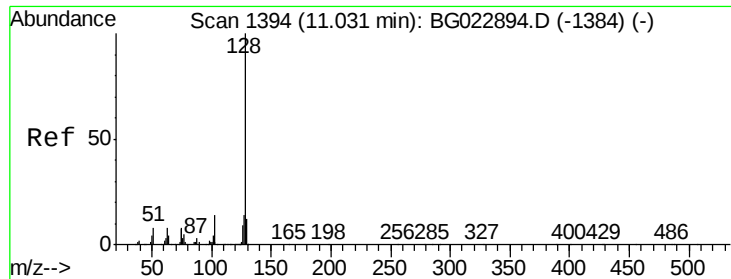
Ion Ratio Lower Upper

82 100

128 32.8 24.4 36.6

54 49.1 41.4 62.0

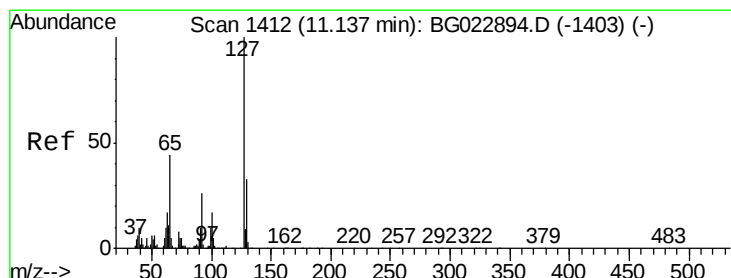
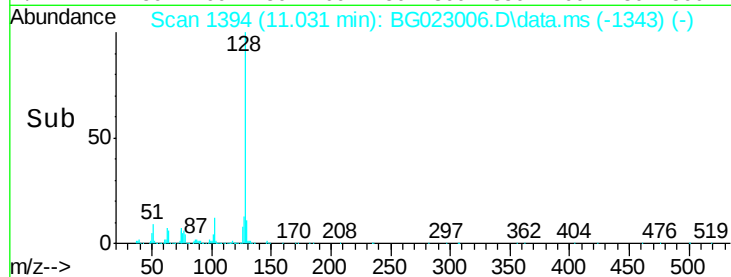
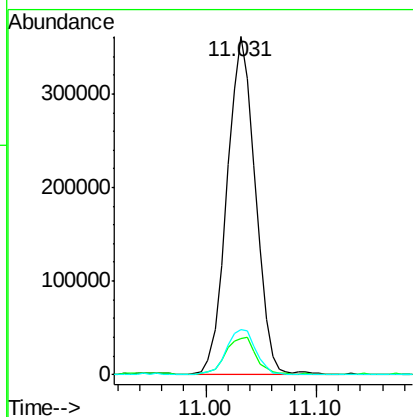
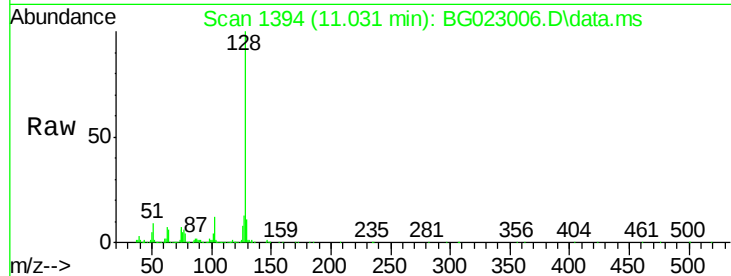




#31
Naphthalene
Concen: 24.76 ng
RT: 11.031 min Scan# 1394
Delta R.T. 0.001 min
Lab File: BG023006.D
Acq: 11 Jul 2016 18:38

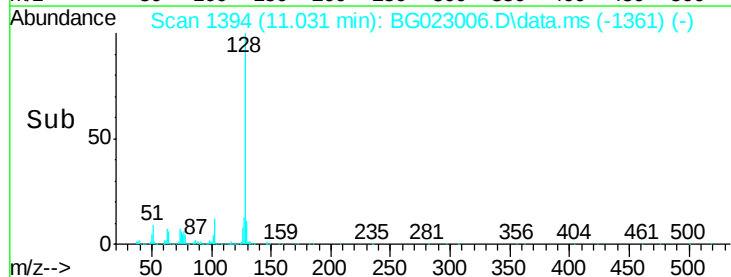
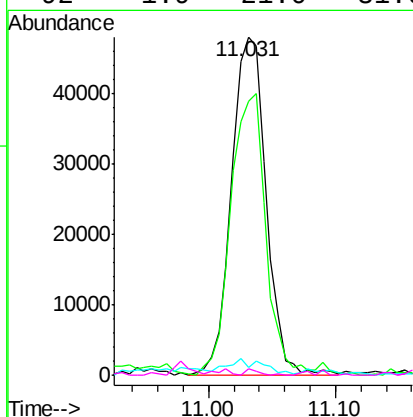
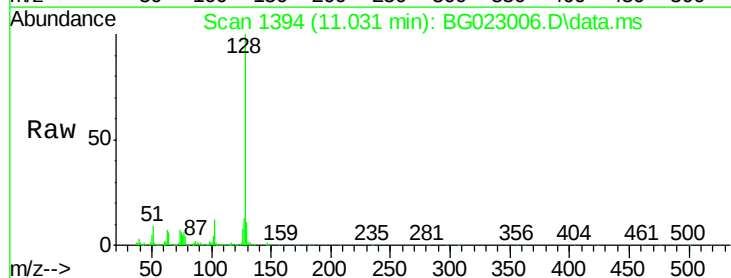
Instrument :
BNA_G
ClientSampleId :
S22-0004DL

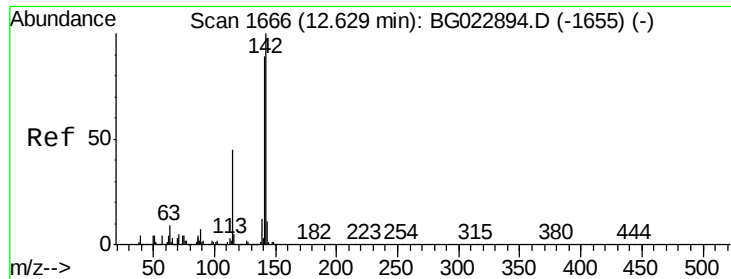
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.0
127	13.3	11.3	16.9



#33
4-Chloroaniline
Concen: 7.06 ng
RT: 11.031 min Scan# 1394
Delta R.T. -0.105 min
Lab File: BG023006.D
Acq: 11 Jul 2016 18:38

Tgt Ion	Ratio	Lower	Upper
127	100		
129	81.2	27.9	41.9#
65	2.3	36.8	55.2#
92	1.9	21.0	31.6#

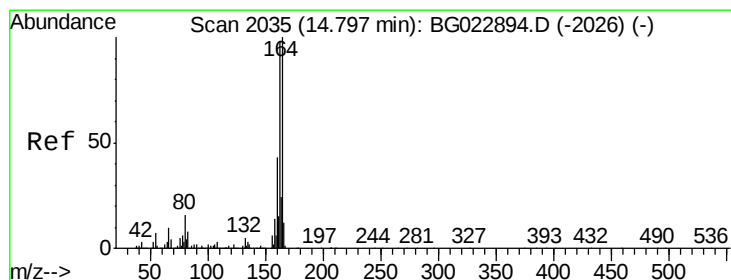
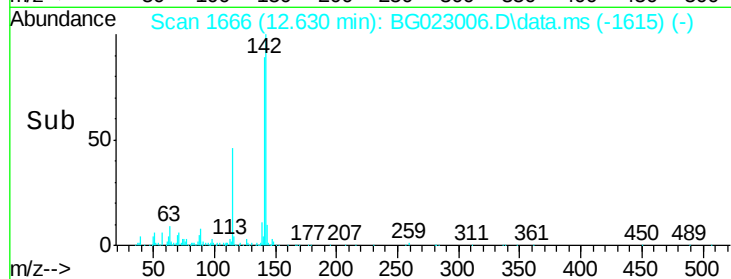
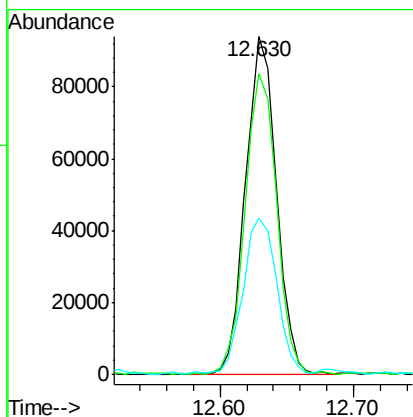
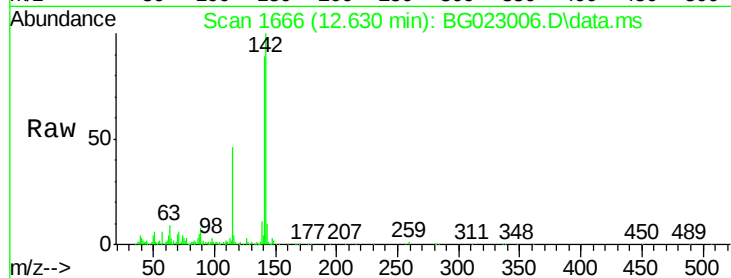




#37
 2-Methylnaphthalene
 Concen: 7.21 ng
 RT: 12.630 min Scan# 1666
 Delta R.T. 0.001 min
 Lab File: BG023006.D
 Acq: 11 Jul 2016 18:38

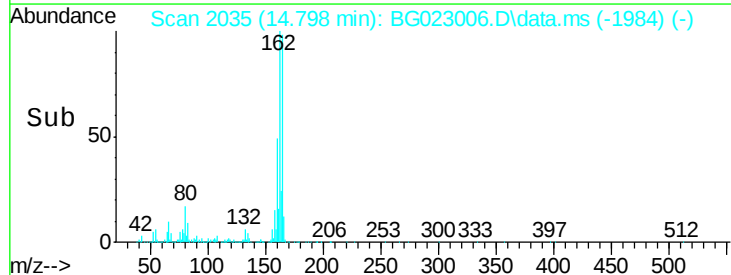
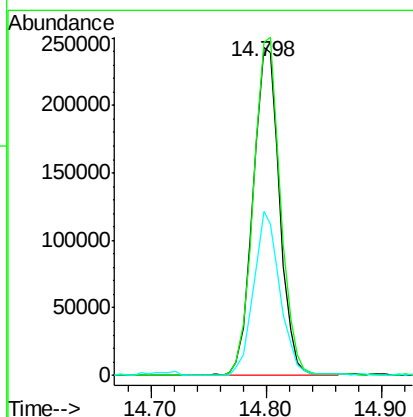
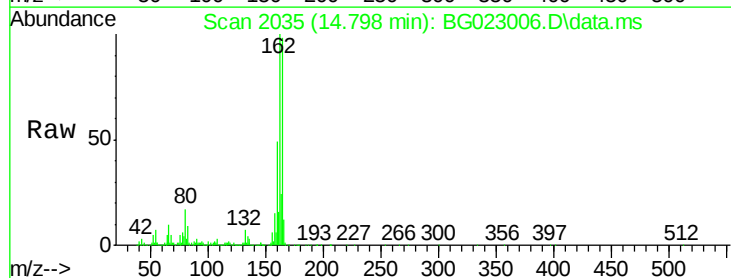
Instrument :
 BNA_G
 ClientSampleID :
 S22-0004DL

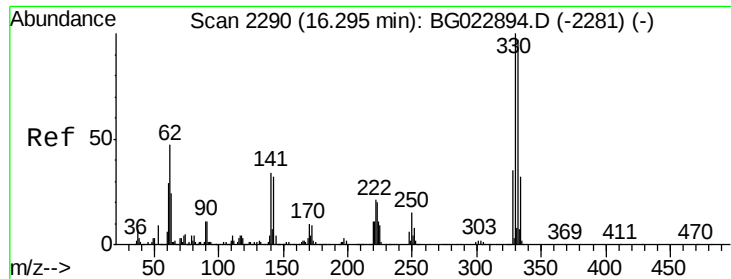
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.2	105.2
115	46.4	41.7	62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.798 min Scan# 2035
 Delta R.T. 0.001 min
 Lab File: BG023006.D
 Acq: 11 Jul 2016 18:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	87.7	131.5
160	50.0	37.2	55.8

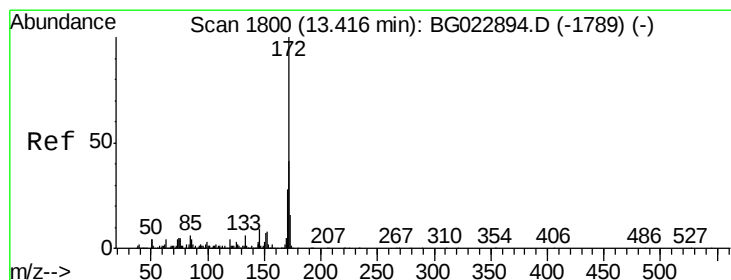
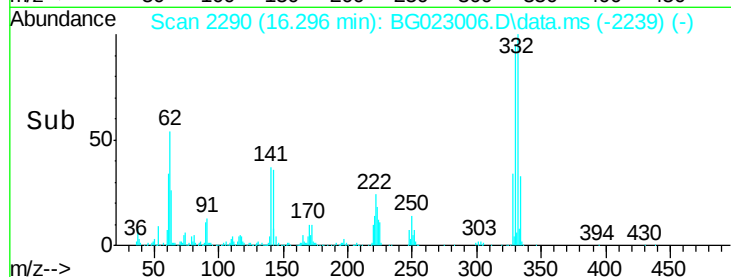
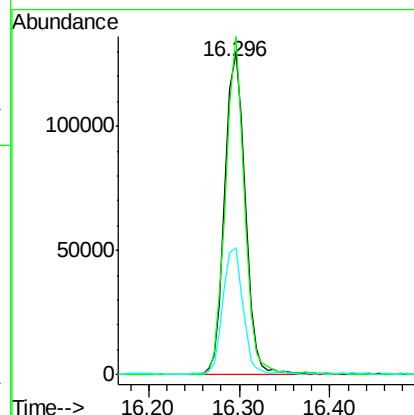
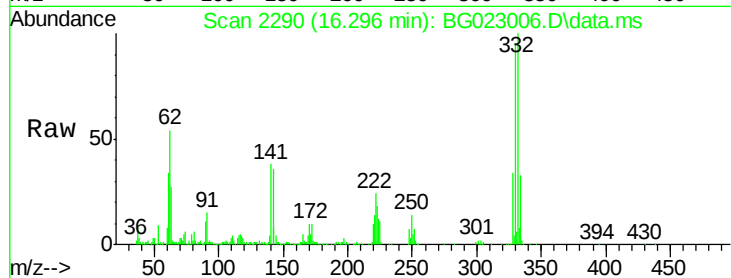




#41
 2,4,6-Tribromophenol
 Concen: 29.00 ng
 RT: 16.296 min Scan# 22
 Delta R.T. 0.001 min
 Lab File: BG023006.D
 Acq: 11 Jul 2016 18:38

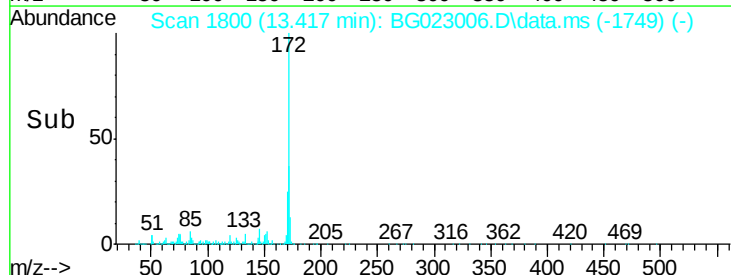
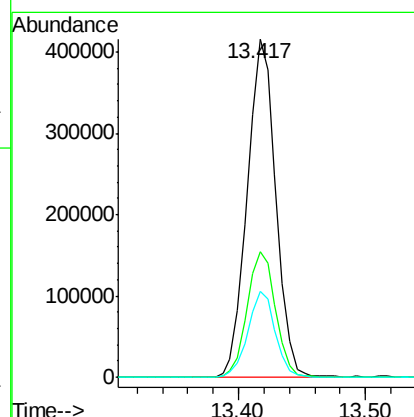
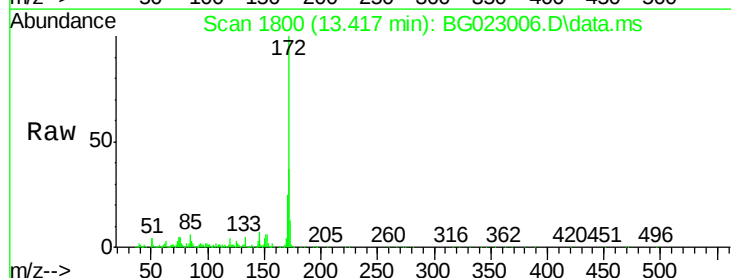
Instrument :
 BNA_G
 ClientSampleId :
 S22-0004DL

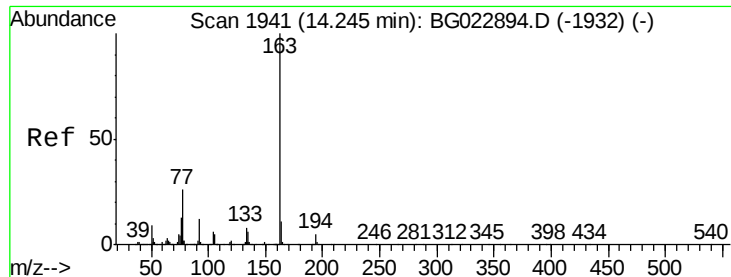
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	38.8	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 26.33 ng
 RT: 13.417 min Scan# 1800
 Delta R.T. 0.001 min
 Lab File: BG023006.D
 Acq: 11 Jul 2016 18:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.6	47.4
170	25.3	21.3	31.9





#49

Dimethylphthalate

Concen: 2.02 ng

RT: 14.239 min Scan# 19

Delta R.T. -0.005 min

Lab File: BG023006.D

Acq: 11 Jul 2016 18:38

Instrument :

BNA_G

ClientSampleId :

S22-0004DL

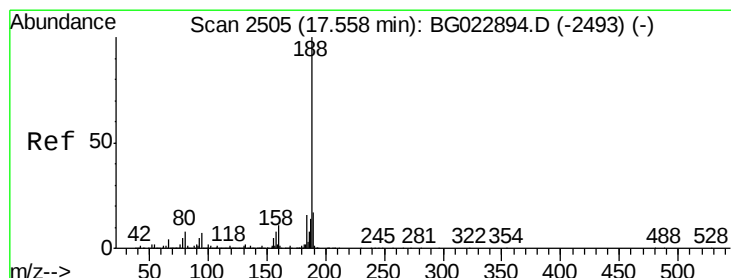
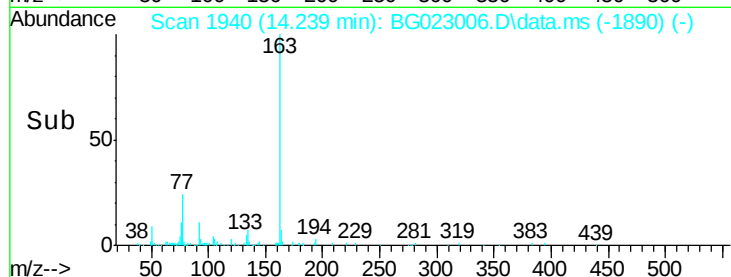
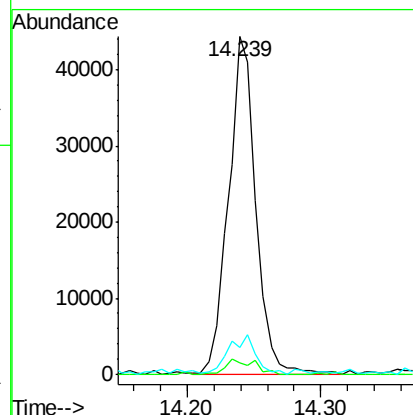
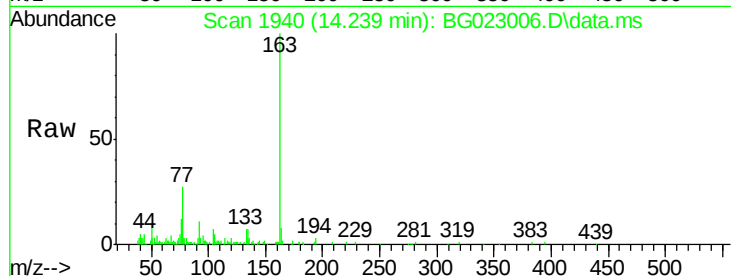
Tot Ion:163 Resp: 64061

Ion Ratio Lower Upper

163 100

194 3.5 3.6 5.4#

164 8.1 8.1 12.1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.559 min Scan# 2505

Delta R.T. 0.001 min

Lab File: BG023006.D

Acq: 11 Jul 2016 18:38

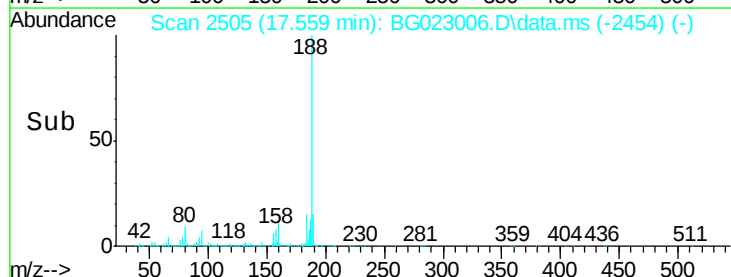
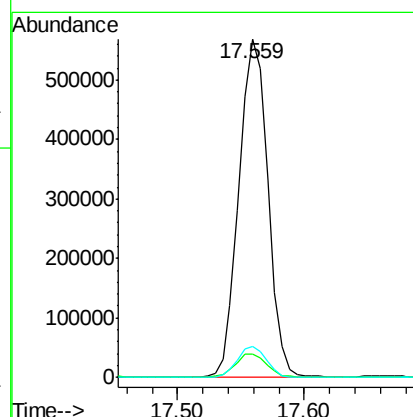
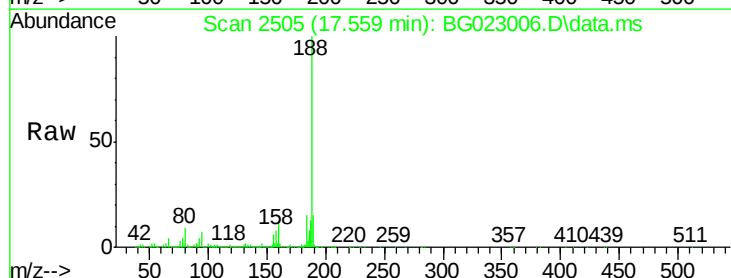
Tgt Ion:188 Resp: 900657

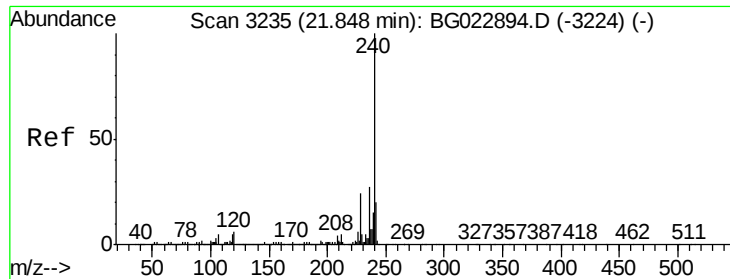
Ion Ratio Lower Upper

188 100

94 7.0 5.2 7.8

80 9.0 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.866 min Scan# 32

Delta R.T. 0.018 min

Lab File: BG023006.D

Acq: 11 Jul 2016 18:38

Instrument :

BNA_G

ClientSampleID :

S22-0004DL

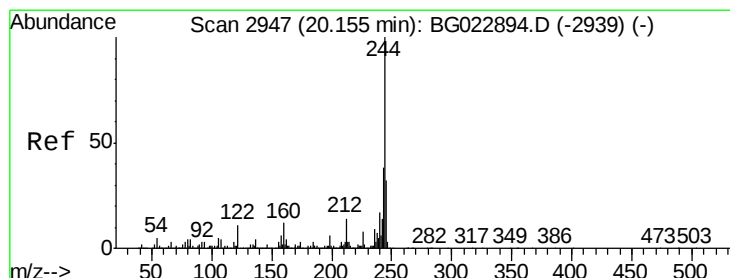
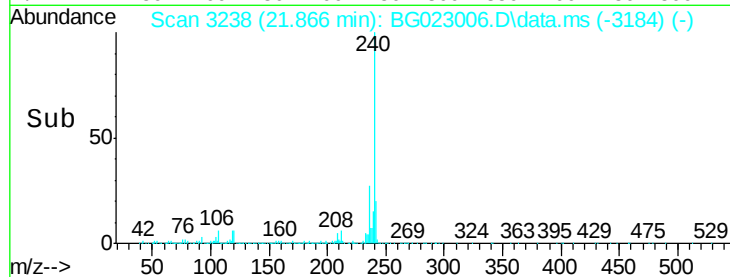
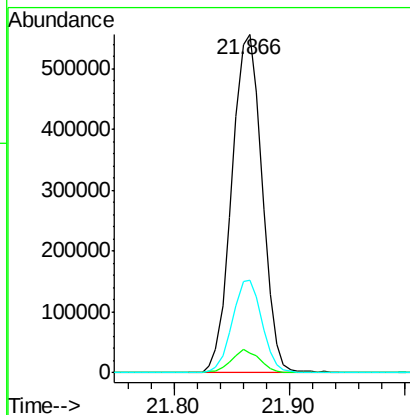
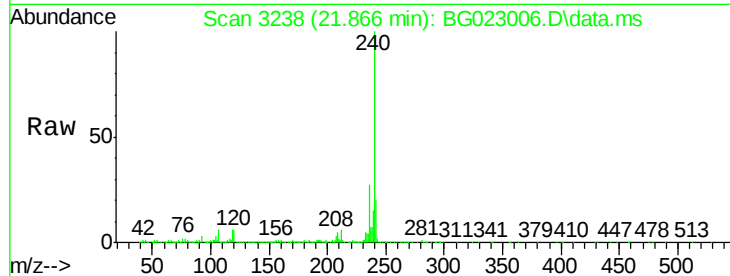
Tot Ion:240 Resp: 1006236

Ion Ratio Lower Upper

240 100

120 5.6 4.1 6.1

236 27.4 21.1 31.7



#78

Terphenyl-d14

Concen: 21.03 ng

RT: 20.162 min Scan# 2948

Delta R.T. 0.007 min

Lab File: BG023006.D

Acq: 11 Jul 2016 18:38

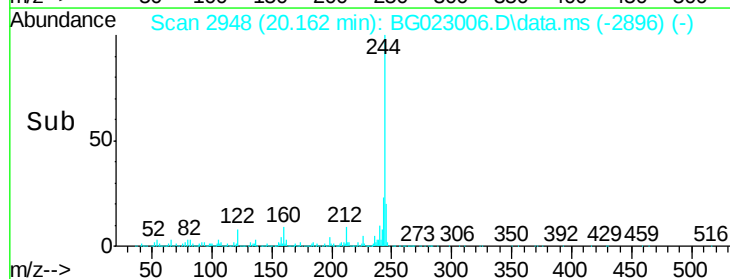
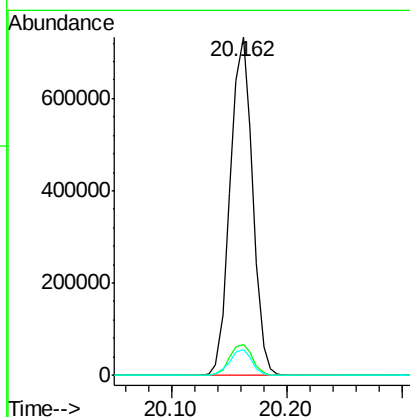
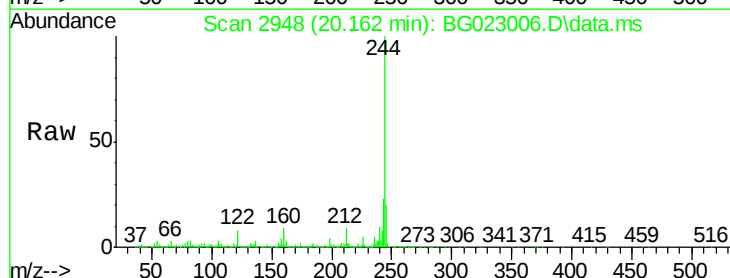
Tgt Ion:244 Resp: 980998

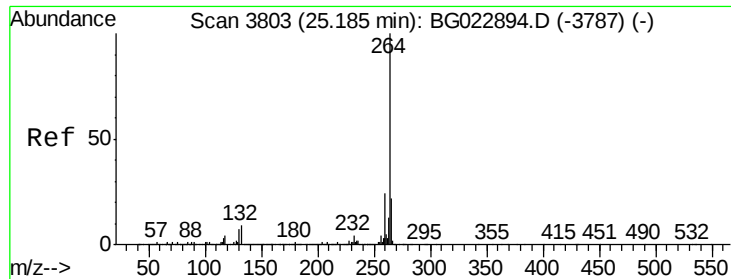
Ion Ratio Lower Upper

244 100

212 9.2 10.8 16.2#

122 7.5 8.0 12.0#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.244 min Scan# 38

Delta R.T. 0.059 min

Lab File: BG023006.D

Acq: 11 Jul 2016 18:38

Instrument :

BNA_G

ClientSampleId :

S22-0004DL

Tot Ion:264 Resp: 1014670

Ion Ratio Lower Upper

264 100

260 25.5 18.4 27.6

265 23.9 18.9 28.3

