

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022316\
 Data File : BG021045.D
 Acq On : 24 Feb 2016 3:55
 Operator : UM/SJ
 Sample : H1509-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 24 05:46:42 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 24 00:35:06 2016
 Response via : Initial Calibration

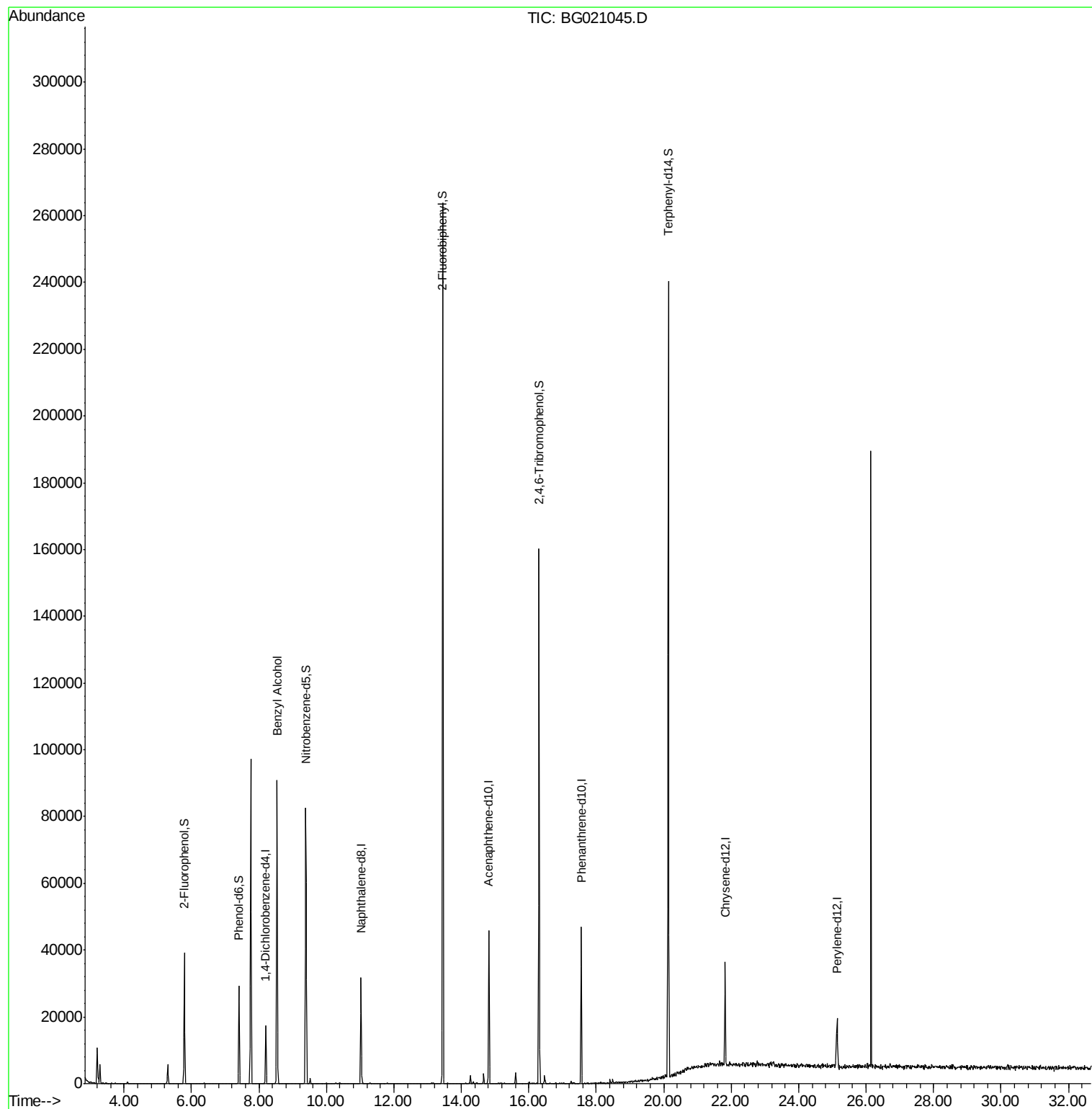
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	5418	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	29072	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	15671	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	27788	20.00	ng	0.00
75) Chrysene-d12	21.82	240	18849	20.00	ng	0.00
86) Perylene-d12	25.14	264	17014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	19336	62.57	ng	0.00
7) Phenol-d6	7.41	99	19025	39.97	ng	0.00
23) Nitrobenzene-d5	9.39	82	52530	106.09	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	28447	151.53	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	127698	113.44	ng	0.00
78) Terphenyl-d14	20.14	244	94602	65.13	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.54	79	711	2.19	ng	Qvalue # 63

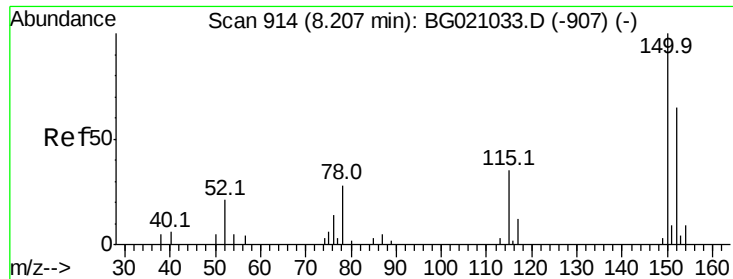
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG021045.D

Acq: 24 Feb 2016 3:55

Instrument :

BNA_G

ClientSampleId :

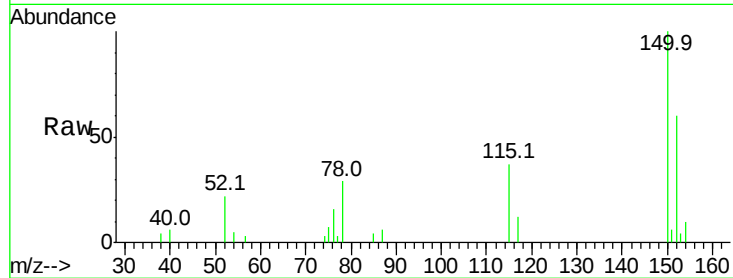
Tot Ion:152 Resp: 5418

Ion Ratio Lower Upper

152 100

150 165.7 123.4 185.2

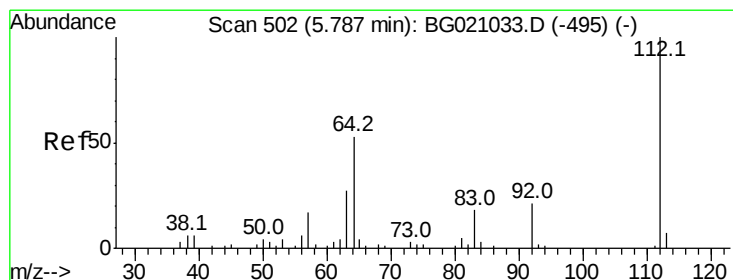
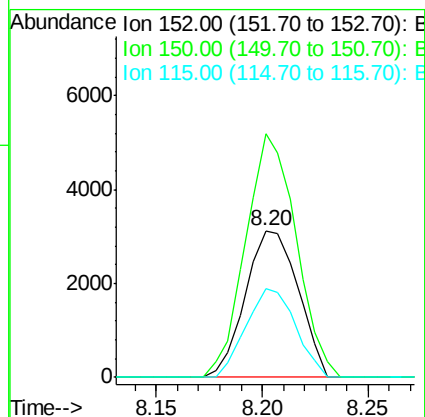
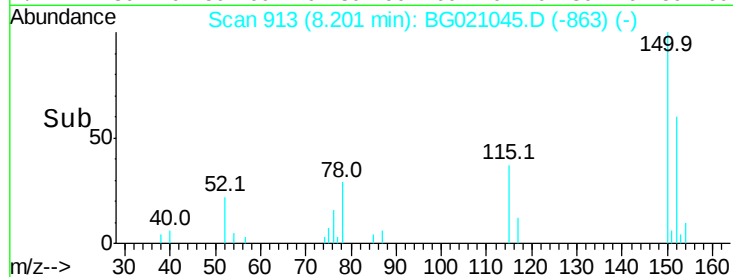
115 60.5 43.3 64.9



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: 62.57 ng

RT: 5.79 min Scan# 502

Delta R.T. 0.00 min

Lab File: BG021045.D

Acq: 24 Feb 2016 3:55

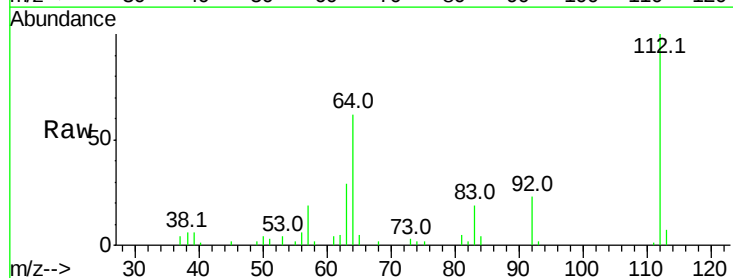
Tgt Ion:112 Resp: 19336

Ion Ratio Lower Upper

112 100

64 61.7 42.6 63.8

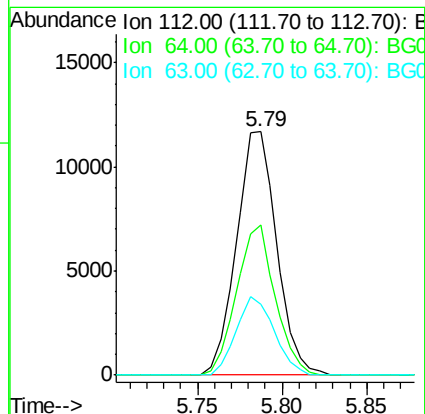
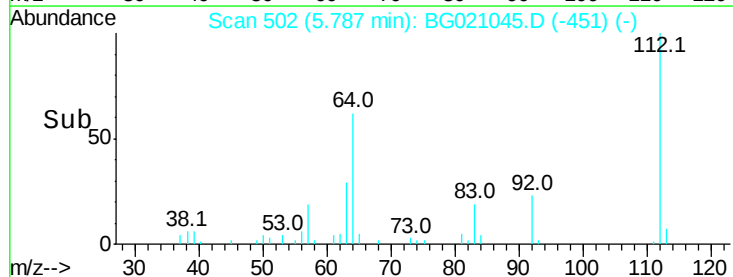
63 29.1 21.7 32.5

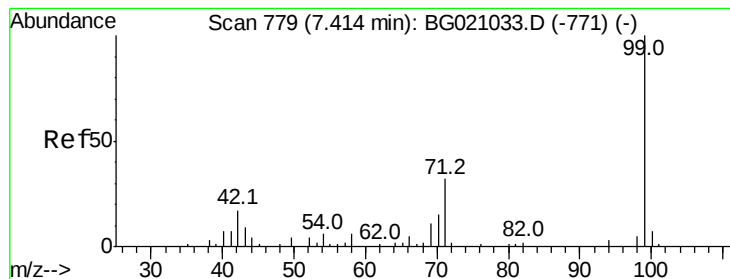


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 39.97 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG021045.D

Acq: 24 Feb 2016 3:55

Instrument :

BNA_G

ClientSampled :

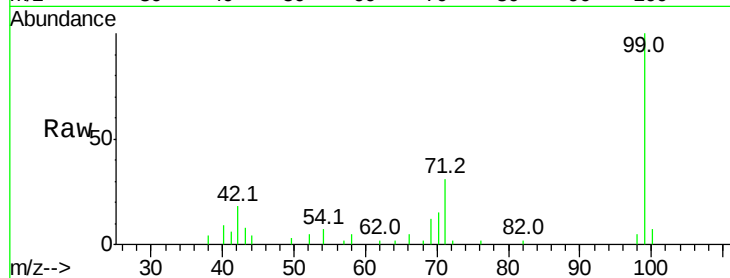
Tot Ion: 99 Resp: 19025

Ion Ratio Lower Upper

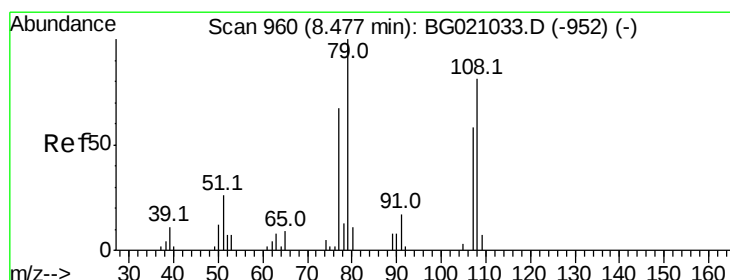
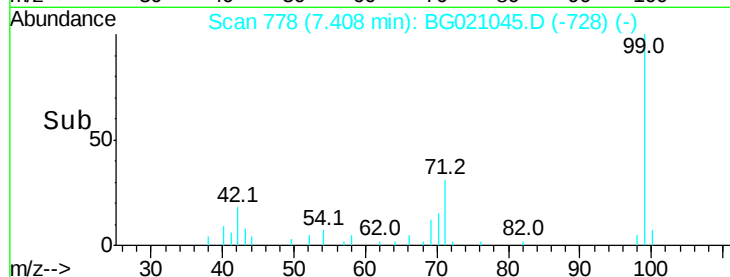
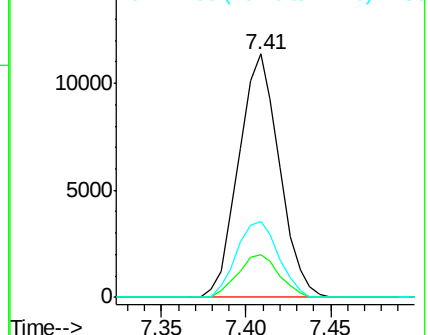
99 100

42 17.7 13.2 19.8

71 31.4 25.2 37.8



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



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 8.54 min Scan# 970

Delta R.T. 0.06 min

Lab File: BG021045.D

Acq: 24 Feb 2016 3:55

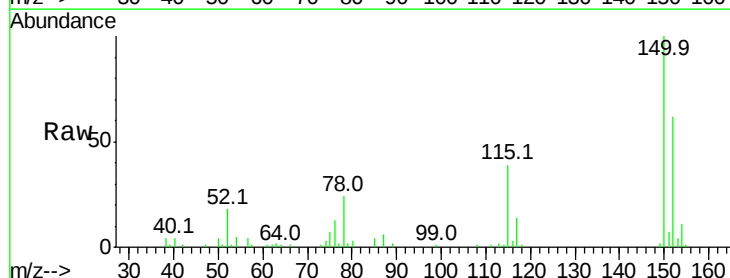
Tgt Ion: 79 Resp: 711

Ion Ratio Lower Upper

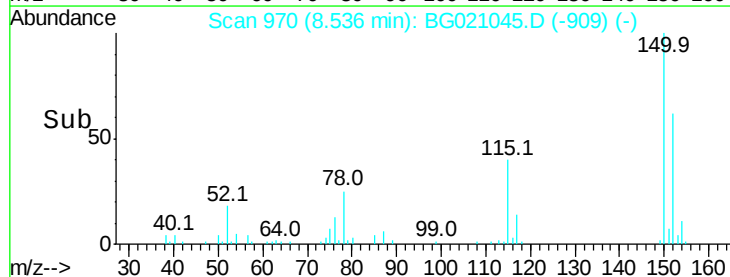
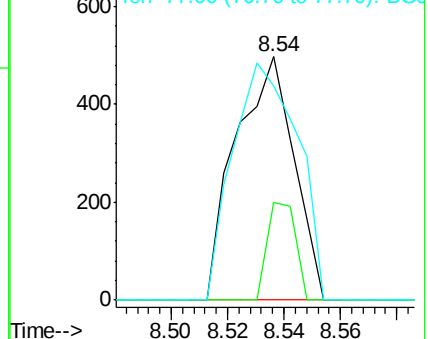
79 100

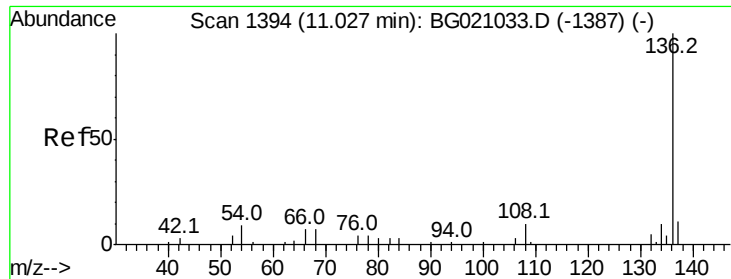
108 40.4 65.1 97.7#

77 87.8 53.8 80.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

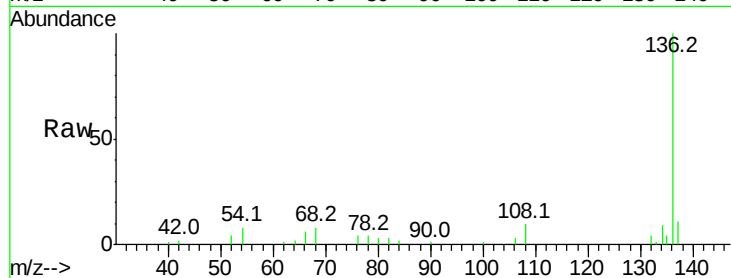




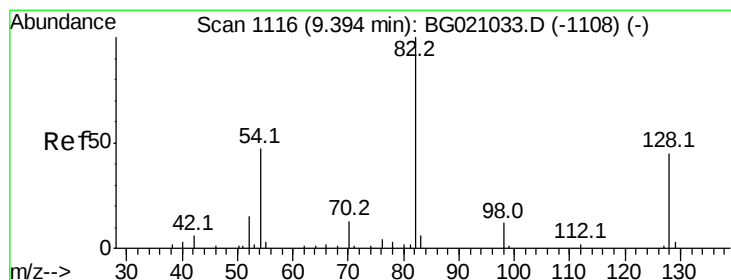
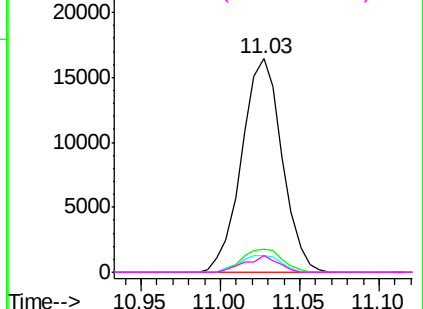
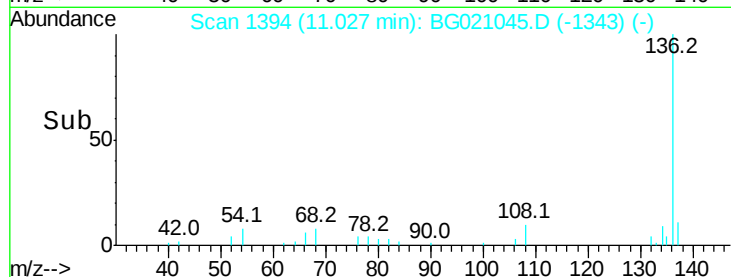
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BG021045.D
Acq: 24 Feb 2016 3:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	29072
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.8 13.2
54	7.9	6.9 10.3
68	7.7	5.8 8.6

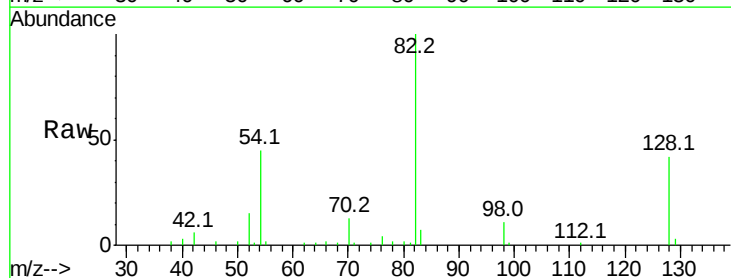


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

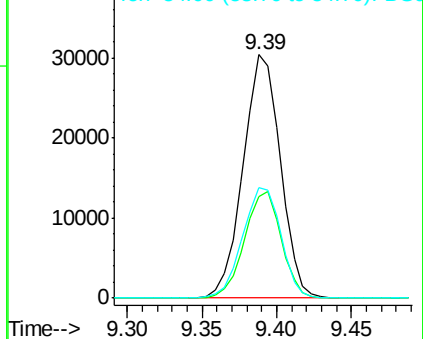
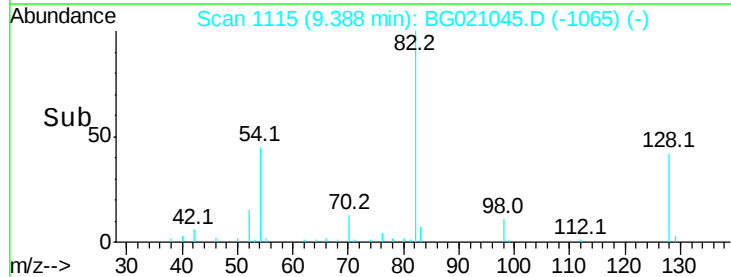


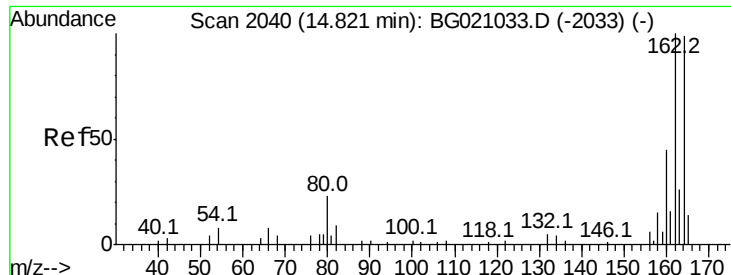
#23
Nitrobenzene-d5
Concen: 106.09 ng
RT: 9.39 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG021045.D
Acq: 24 Feb 2016 3:55

Tgt Ion: 82	Resp:	52530
Ion	Ratio	Lower Upper
82	100	
128	41.6	36.3 54.5
54	45.2	37.6 56.4



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.82 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG021045.D

Acq: 24 Feb 2016 3:55

Instrument :

BNA_G

ClientSampled :

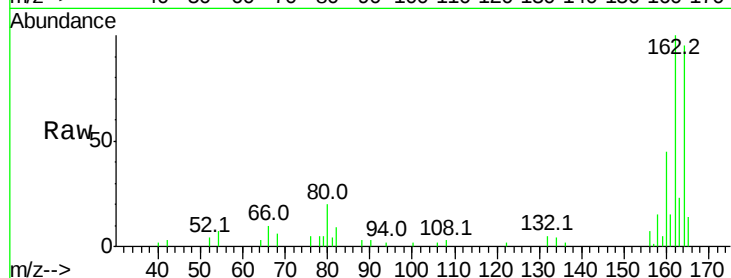
Tot Ion:164 Resp: 15671

Ion Ratio Lower Upper

164 100

162 105.7 80.6 120.8

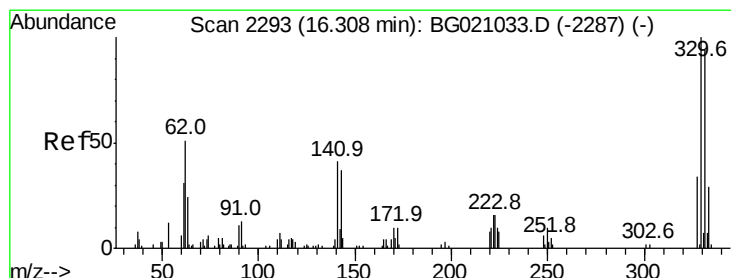
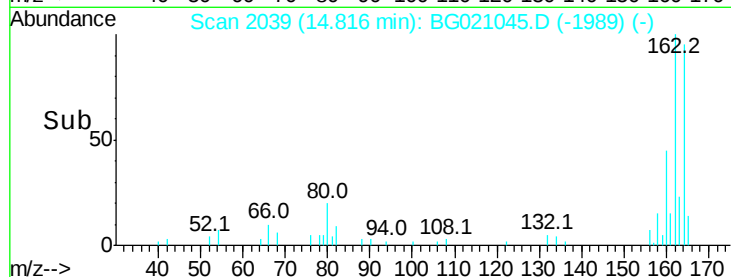
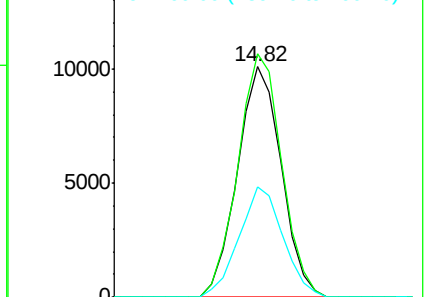
160 47.9 36.5 54.7



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: 151.53 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BG021045.D

Acq: 24 Feb 2016 3:55

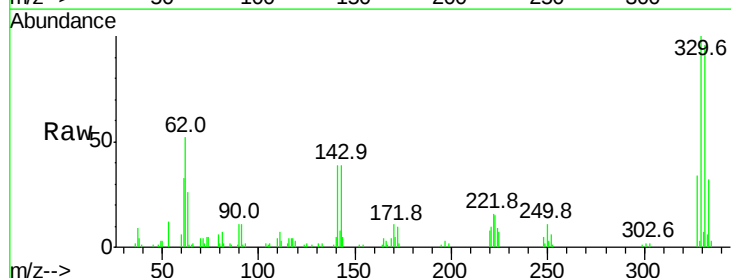
Tgt Ion:330 Resp: 28447

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.0

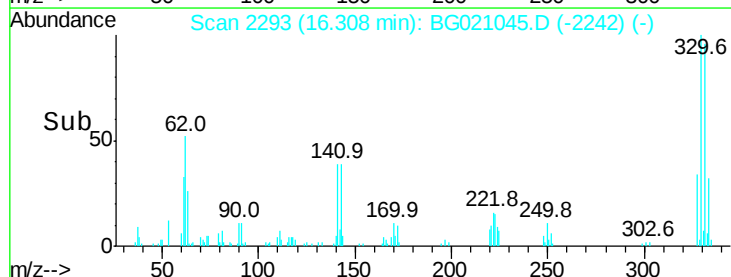
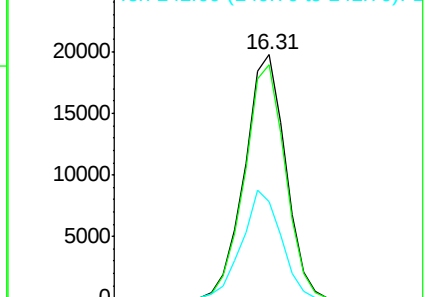
141 42.1 35.3 52.9

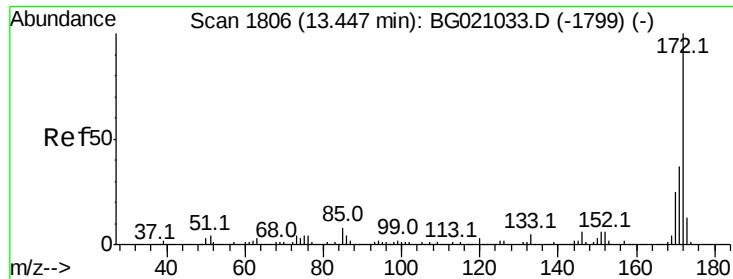


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

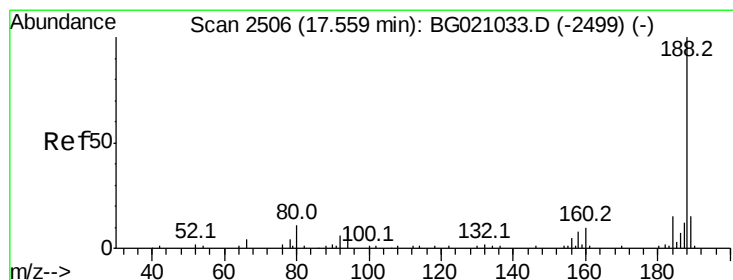
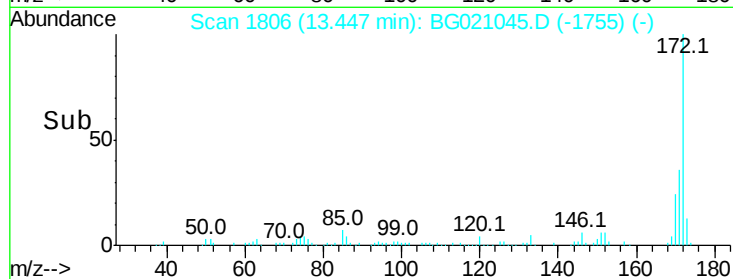
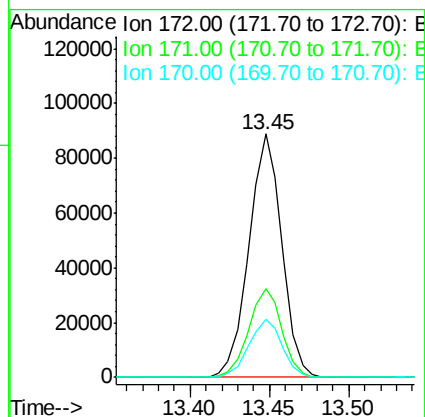
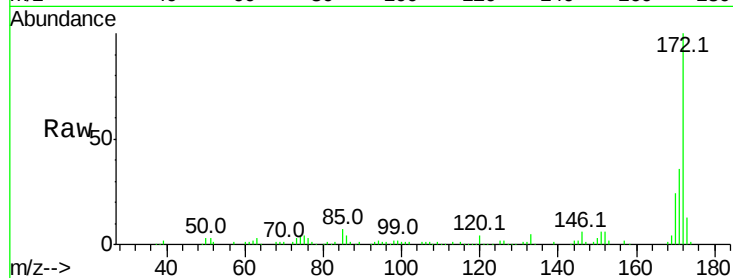




#44
 2-Fluorobiphenyl
 Concen: 113.44 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BG021045.D
 Acq: 24 Feb 2016 3:55

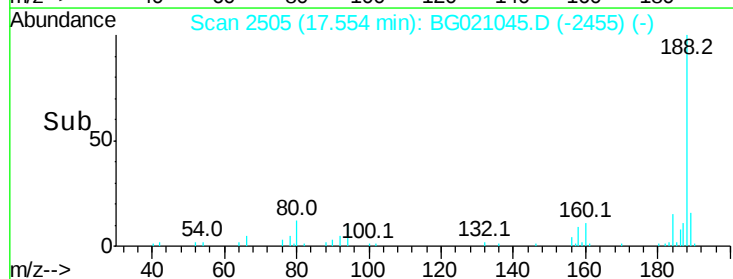
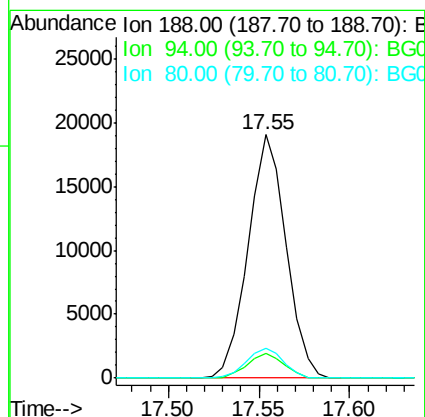
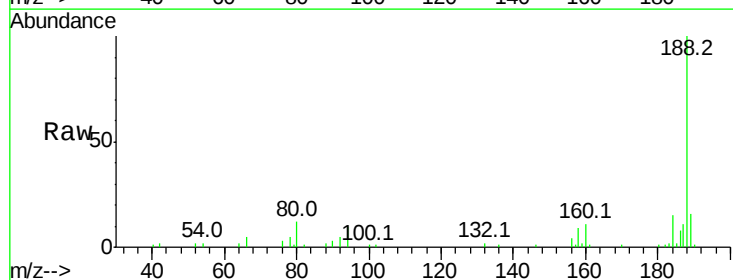
Instrument :
 BNA_G
 ClientSampled :

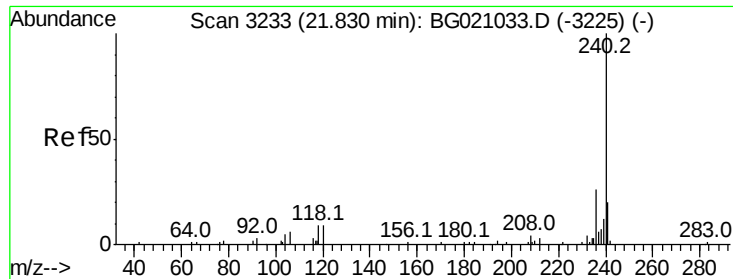
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	23.7	19.8	29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.55 min Scan# 2505
 Delta R.T. -0.01 min
 Lab File: BG021045.D
 Acq: 24 Feb 2016 3:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.4
80	12.0	9.2	13.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.82 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG021045.D

Acq: 24 Feb 2016 3:55

Instrument :

BNA_G

ClientSampleId :

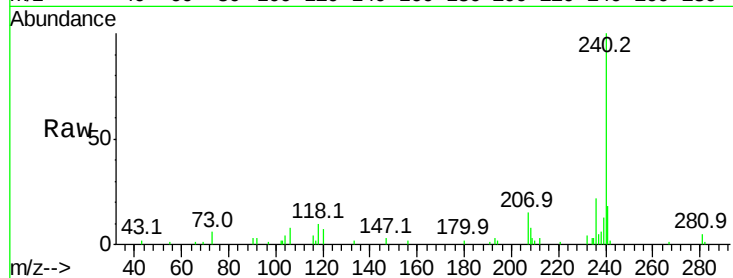
Tot Ion:240 Resp: 18849

Ion Ratio Lower Upper

240 100

120 7.1 7.5 11.3#

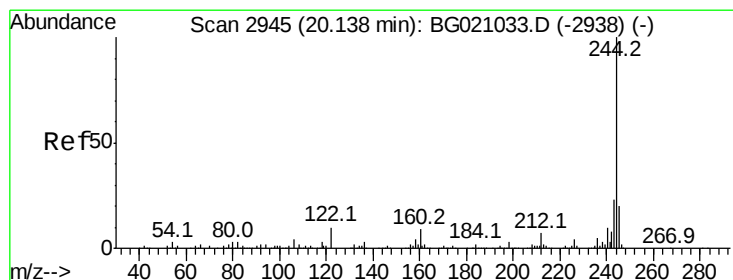
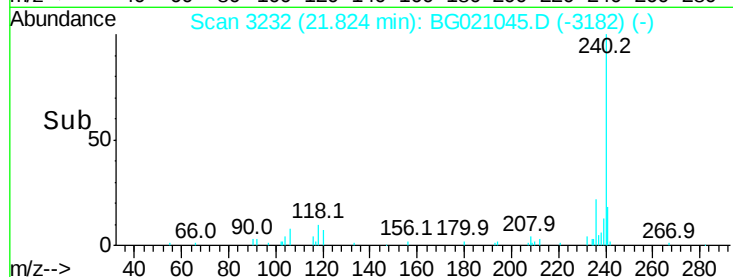
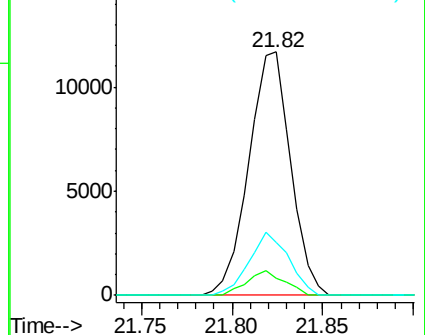
236 22.0 20.5 30.7



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: 65.13 ng

RT: 20.14 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BG021045.D

Acq: 24 Feb 2016 3:55

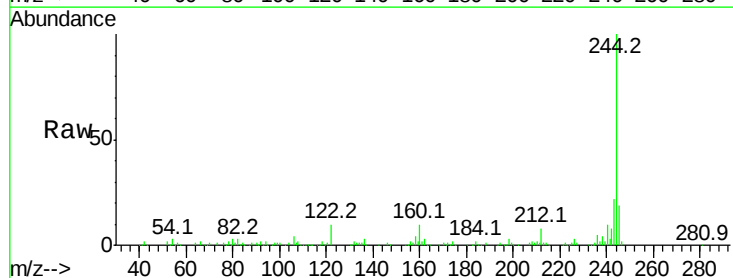
Tgt Ion:244 Resp: 94602

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.6

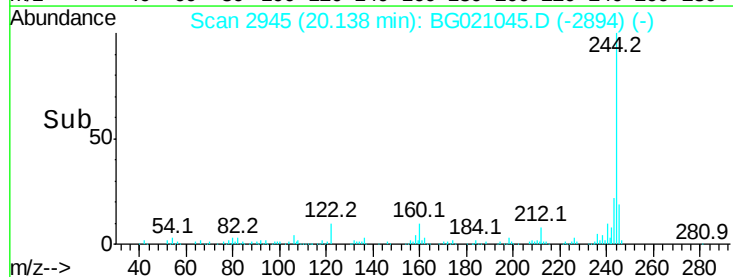
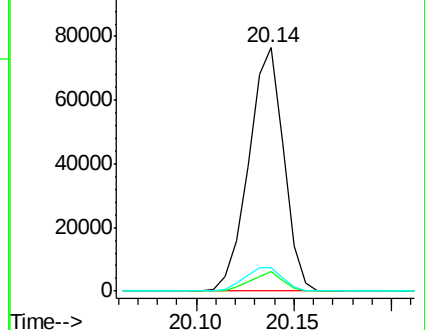
122 9.6 8.3 12.5

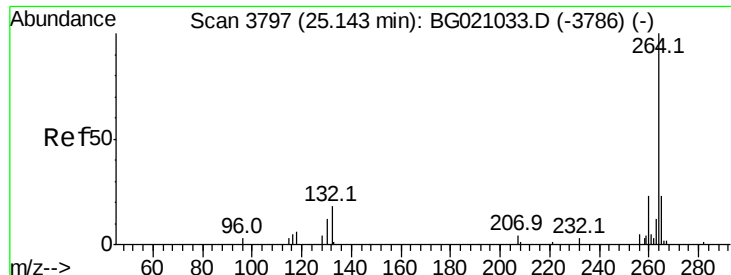


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.14 min Scan# 3796
Delta R.T. -0.01 min
Lab File: BG021045.D
Acq: 24 Feb 2016 3:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 17014
Ion Ratio Lower Upper
264 100
260 23.8 18.5 27.7
265 22.6 18.6 28.0

