

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
 Data File : BG018040.D
 Acq On : 22 Jul 2015 3:08
 Operator : TP/UM
 Sample : G2904-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PIPE1

Quant Time: Jul 22 04:23:34 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 04:14:54 2015
 Response via : Initial Calibration

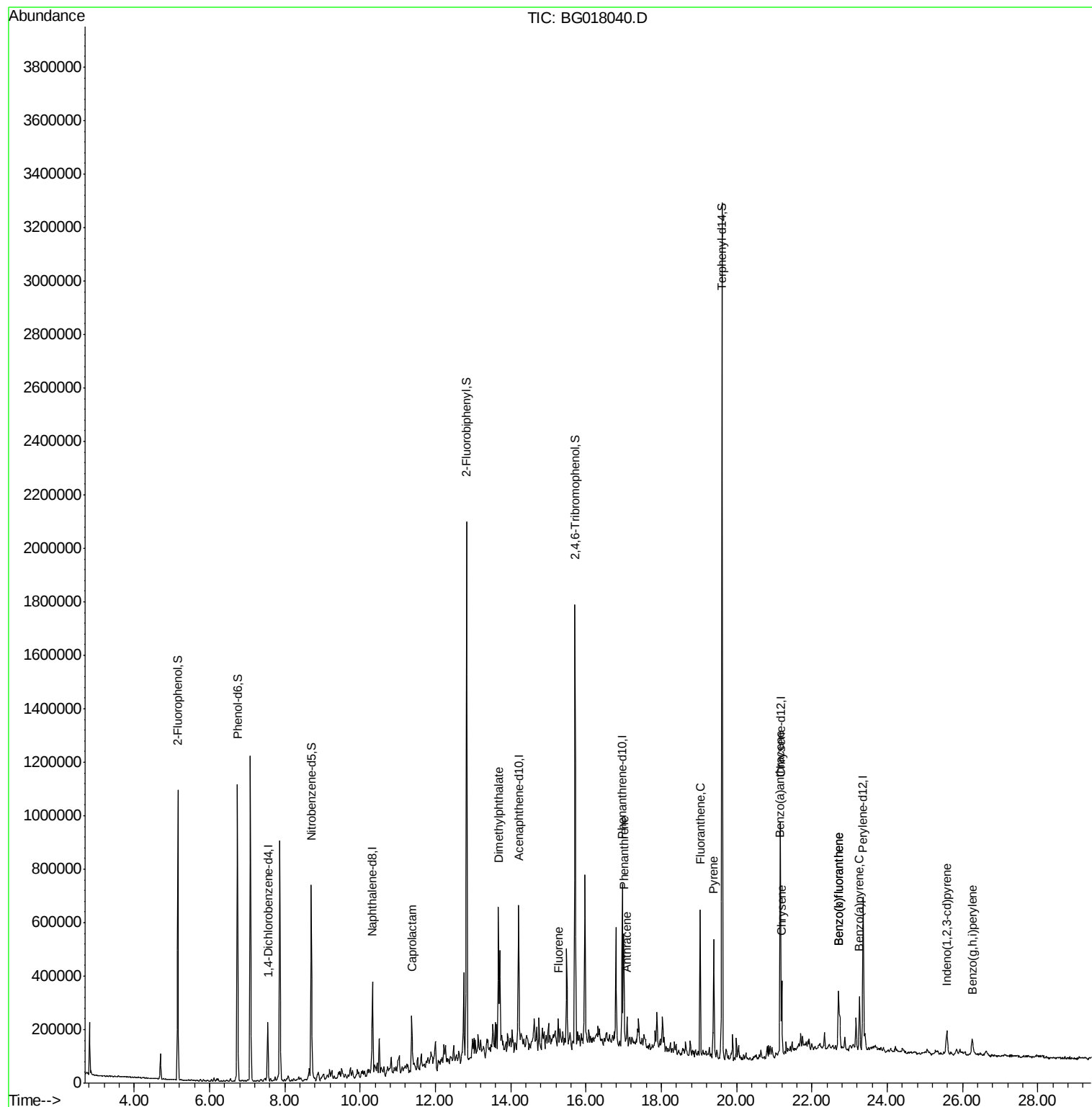
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	60604	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	273571	20.00	ng	0.00
38) Acenaphthene-d10	14.21	164	173429	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	348857	20.00	ng	0.00
75) Chrysene-d12	21.17	240	386478	20.00	ng	0.00
86) Perylene-d12	23.36	264	393131	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	485655	139.79	ng	0.00
7) Phenol-d6	6.74	99	686165	150.76	ng	0.00
23) Nitrobenzene-d5	8.70	82	407249	96.42	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	326713	185.94	ng	0.00
44) 2-Fluorobiphenyl	12.83	172	1061451	106.06	ng	0.00
78) Terphenyl-d14	19.61	244	1381432	90.04	ng	0.00
Target Compounds						
32) Benzoic acid	9.65	122	83	Below Cal	#	1
35) Caprolactam	11.37	113	12972	7.34	ng	87
49) Dimethylphthalate	13.67	163	344597	28.60	ng	100
53) 2,4-Dinitrophenol	14.21	184	152	Below Cal	#	1
57) Fluorene	15.26	166	26606	2.16	ng	97
64) 4,6-Dinitro-2-methylphenol	15.40	198	55	Below Cal	#	1
69) Pentachlorophenol	16.60	266	75	Below Cal	#	24
70) Phenanthrene	17.01	178	243763	13.55	ng	97
71) Anthracene	17.09	178	62578	3.57	ng	99
74) Fluoranthene	19.03	202	320465	16.27	ng	95
77) Pyrene	19.40	202	273730	12.70	ng	96
80) Benzo(a)anthracene	21.15	228	161561	7.91	ng	97
82) Chrysene	21.20	228	139515	7.18	ng	96
85) Indeno(1,2,3-cd)pyrene	25.58	276	82389	3.50	ng	# 91
87) Benzo(b)fluoranthene	22.71	252	189013	8.79	ng	99
88) Benzo(k)fluoranthene	22.71	252	189013	8.80	ng	99
89) Benzo(a)pyrene	23.26	252	133267	6.65	ng	98
91) Benzo(g,h,i)perylene	26.27	276	74113	3.70	ng	# 93

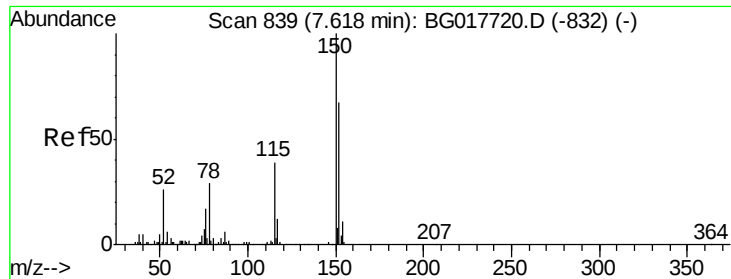
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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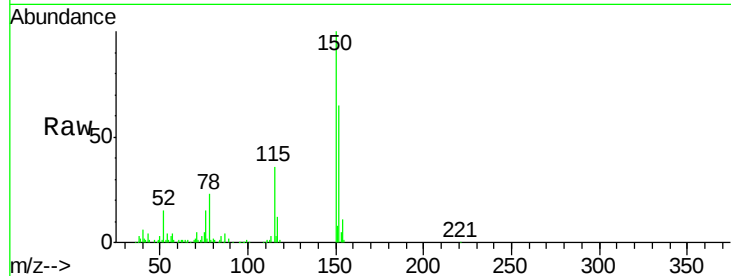


#1

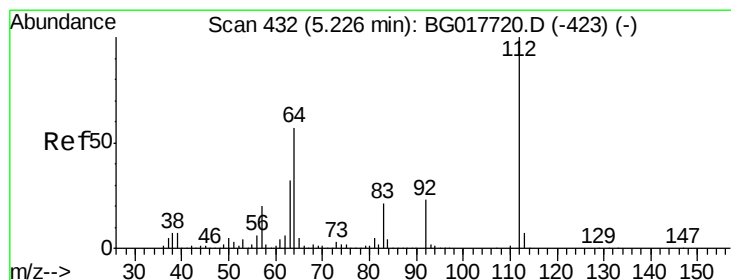
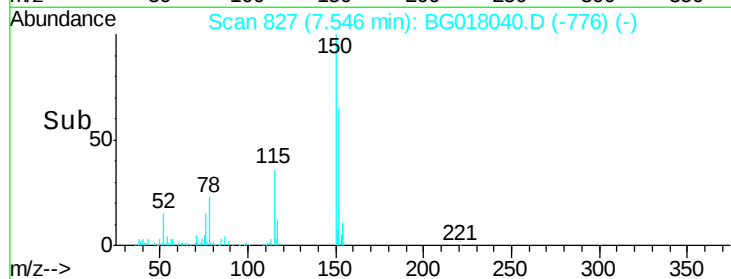
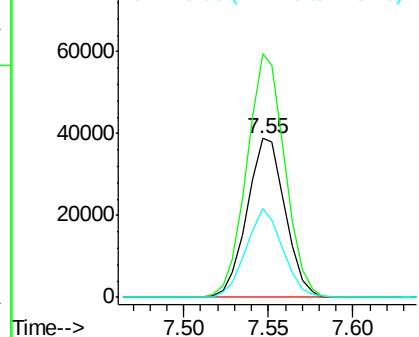
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG018040.D
Acq: 22 Jul 2015 3:08

Instrument :
BNA_G
ClientSampleId :
PIPE1

Tgt Ion:152 Resp: 60604
Ion Ratio Lower Upper
152 100
150 153.3 119.1 178.7
115 55.5 47.0 70.4



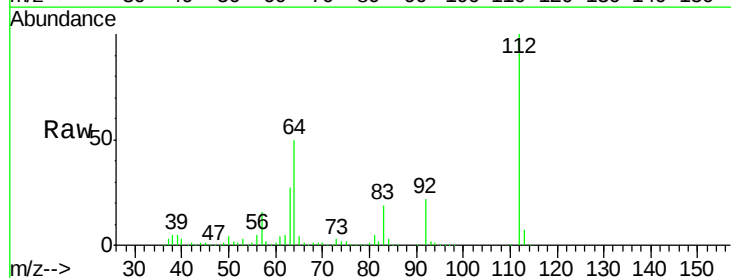
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



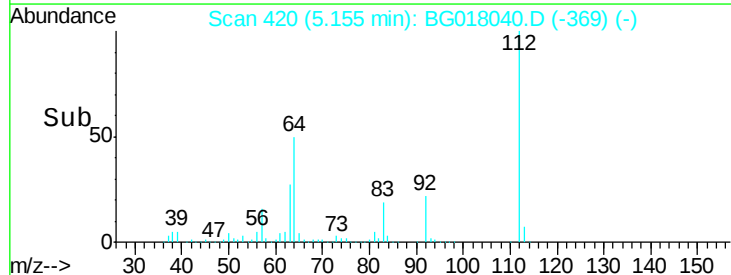
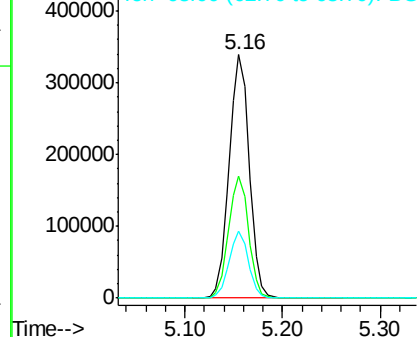
#5

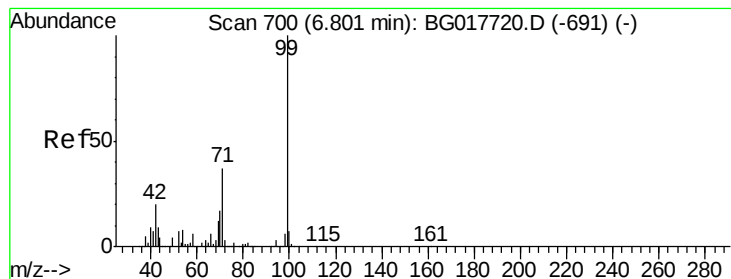
2-Fluorophenol
Concen: 139.79 ng
RT: 5.16 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG018040.D
Acq: 22 Jul 2015 3:08

Tgt Ion:112 Resp: 485655
Ion Ratio Lower Upper
112 100
64 50.0 45.4 68.0
63 27.3 25.3 37.9



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: 150.76 ng

RT: 6.74 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG018040.D

Acq: 22 Jul 2015 3:08

Instrument :

BNA_G

ClientSampled :

PIPE1

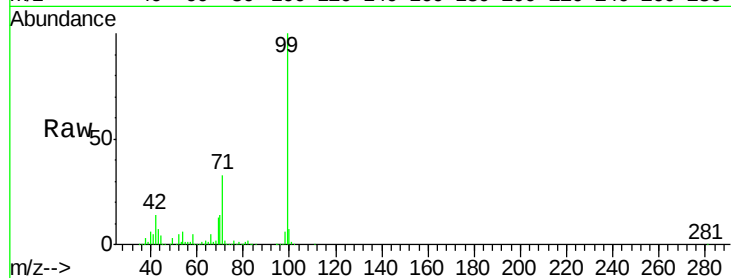
Tgt Ion: 99 Resp: 686165

Ion Ratio Lower Upper

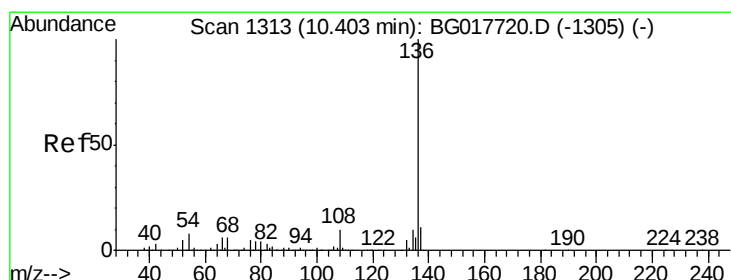
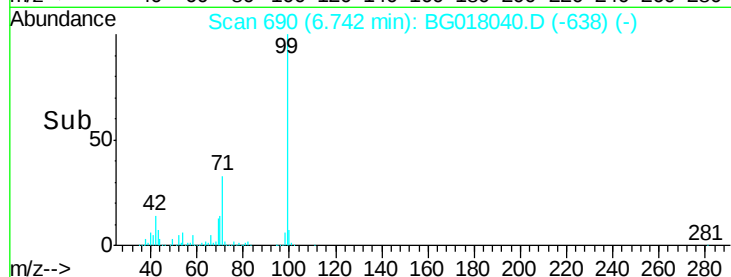
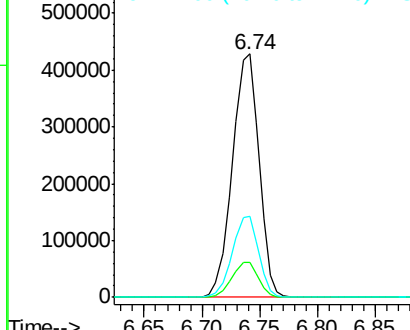
99 100

42 14.5 16.2 24.4#

71 33.1 29.5 44.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.33 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BG018040.D

Acq: 22 Jul 2015 3:08

Tgt Ion: 136 Resp: 273571

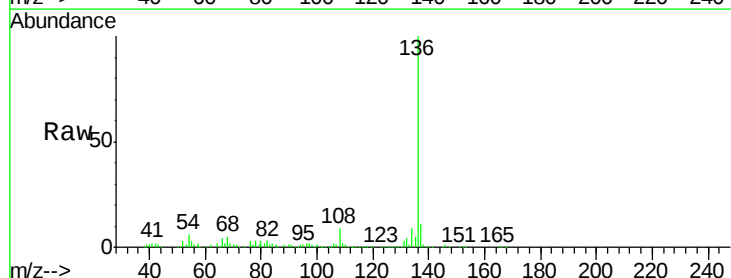
Ion Ratio Lower Upper

136 100

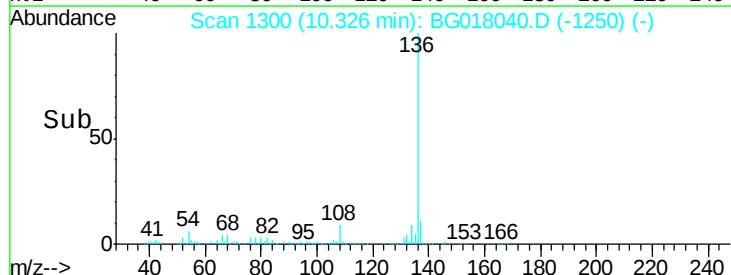
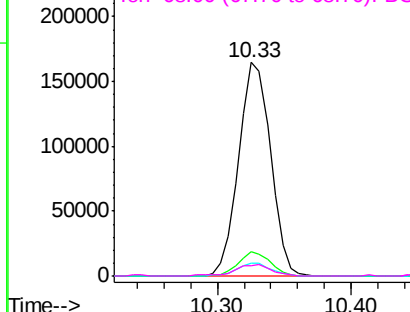
137 11.5 8.8 13.2

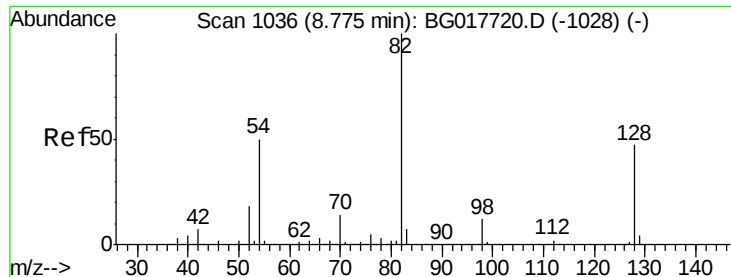
54 5.9 6.6 9.8#

68 4.5 5.1 7.7#



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

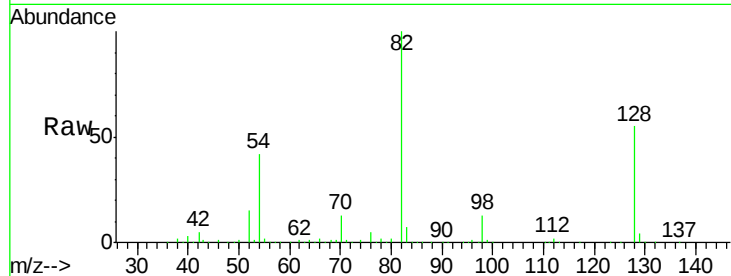




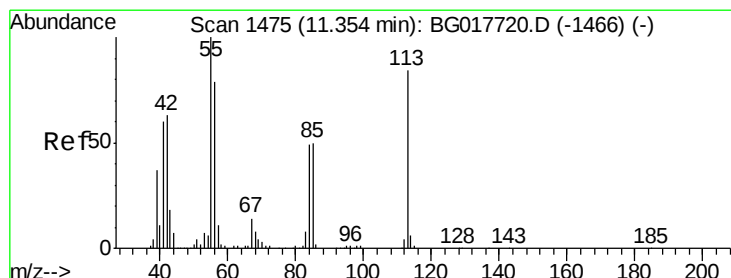
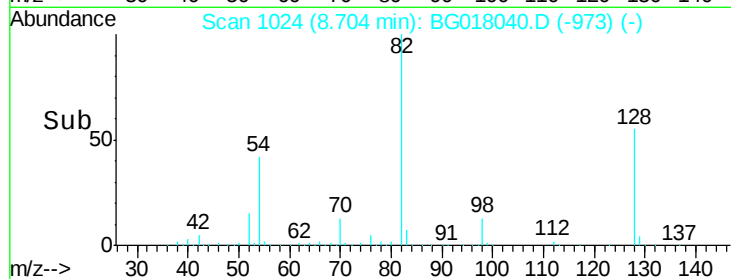
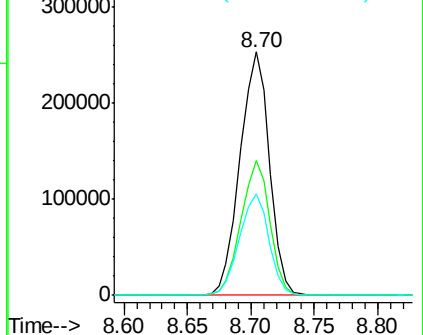
#23
Nitrobenzene-d5
Concen: 96.42 ng
RT: 8.70 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG018040.D
Acq: 22 Jul 2015 3:08

Instrument :
BNA_G
ClientSampleId :
PIPE1

Tgt Ion: 82 Resp: 407249
Ion Ratio Lower Upper
82 100
128 55.3 37.8 56.6
54 41.9 39.9 59.9

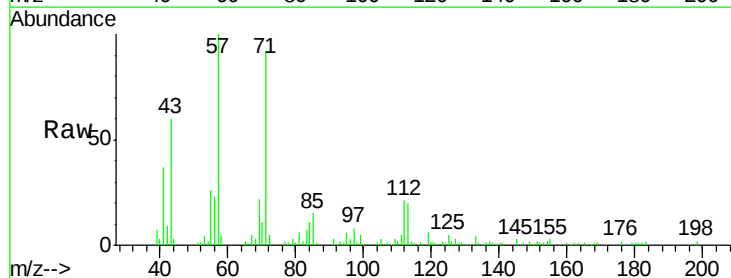


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

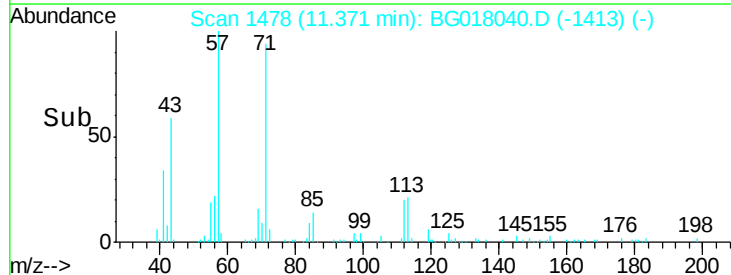
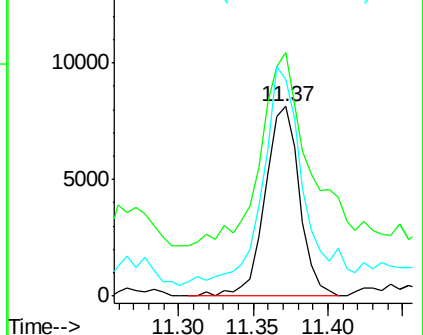


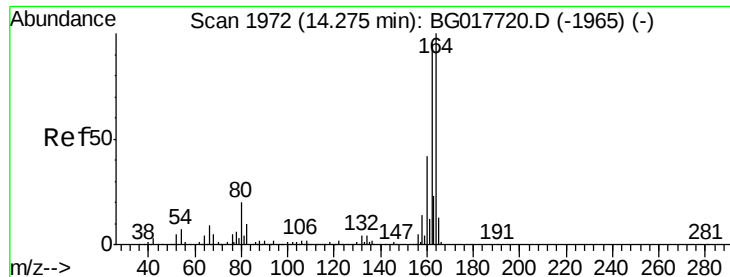
#35
Caprolactam
Concen: 7.34 ng
RT: 11.37 min Scan# 1478
Delta R.T. 0.08 min
Lab File: BG018040.D
Acq: 22 Jul 2015 3:08

Tgt Ion: 113 Resp: 12972
Ion Ratio Lower Upper
113 100
55 128.6 100.8 140.8
56 114.5 75.5 115.5



Abundance Ion 113.00 (112.70 to 113.70): BGC
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.21 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BG018040.D

Acq: 22 Jul 2015 3:08

Instrument :

BNA_G

ClientSampleId :

PIPE1

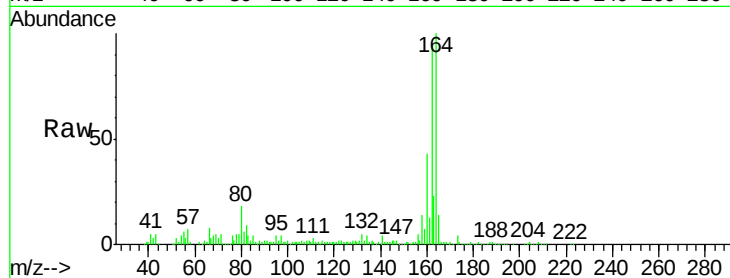
Tgt Ion:164 Resp: 173429

Ion Ratio Lower Upper

164 100

162 95.1 76.3 114.5

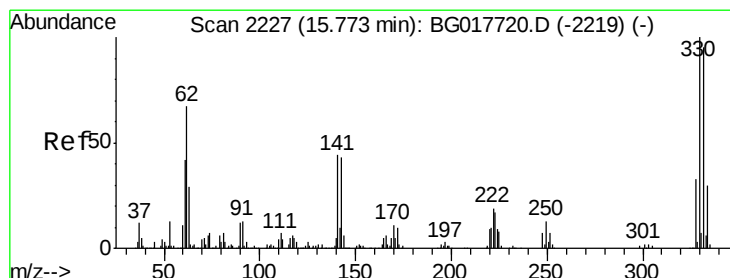
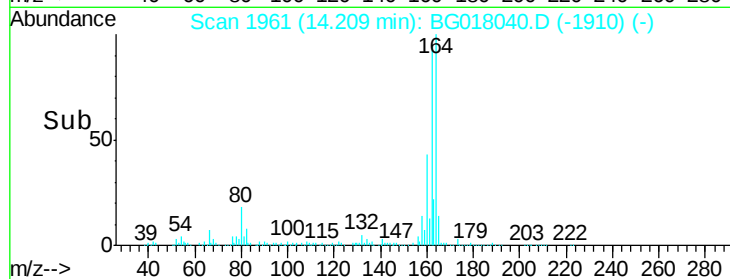
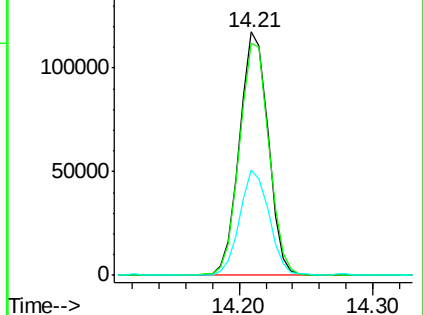
160 43.3 33.7 50.5



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: 185.94 ng

RT: 15.71 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG018040.D

Acq: 22 Jul 2015 3:08

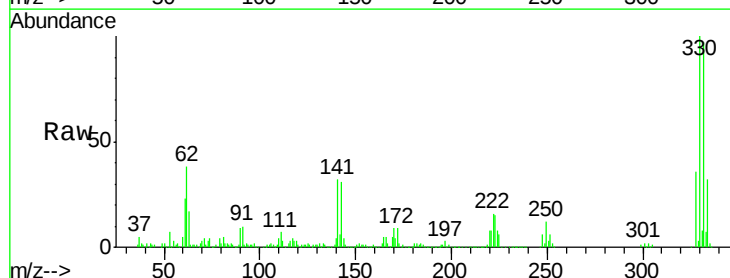
Tgt Ion:330 Resp: 326713

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

141 33.9 38.0 57.0#



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

