

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\
 Data File : BG016679.D
 Acq On : 24 Apr 2015 8:26
 Operator : TP/IZ
 Sample : G1994-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 24 14:13:00 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 19:19:11 2015
 Response via : Initial Calibration

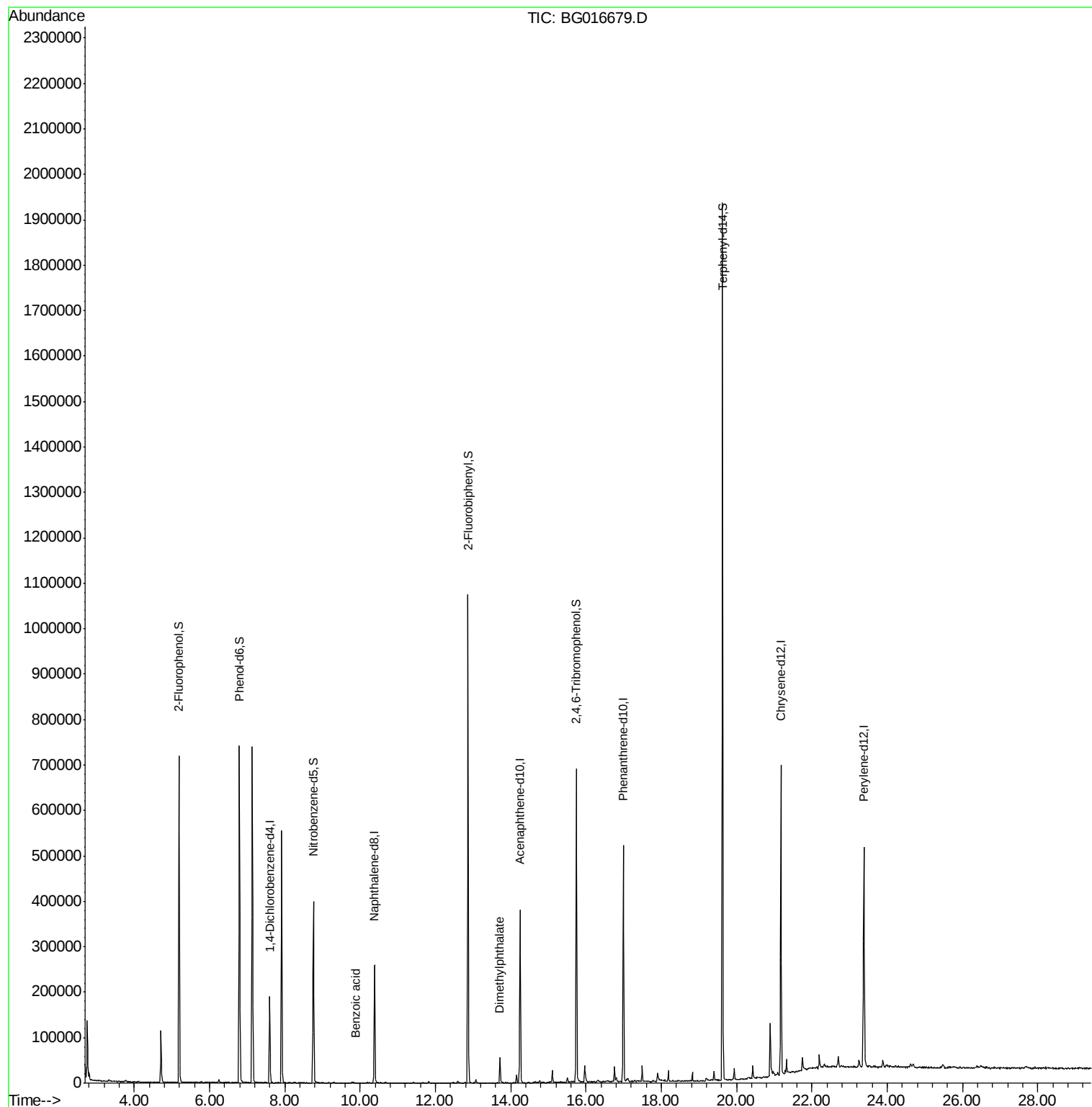
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	55666	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	230807	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	132700	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	283289	20.00	ng	0.00
75) Chrysene-d12	21.18	240	280654	20.00	ng	0.00
86) Perylene-d12	23.38	264	260081	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	345305	100.66	ng	0.00
7) Phenol-d6	6.79	99	476006	98.91	ng	0.00
23) Nitrobenzene-d5	8.76	82	235664	64.52	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	95307	96.81	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	537725	65.10	ng	0.00
78) Terphenyl-d14	19.63	244	705648	57.92	ng	0.00
Target Compounds						
32) Benzoic acid	9.89	122	112	8.90	ng	# 61
49) Dimethylphthalate	13.71	163	38111	3.84	ng	# 98

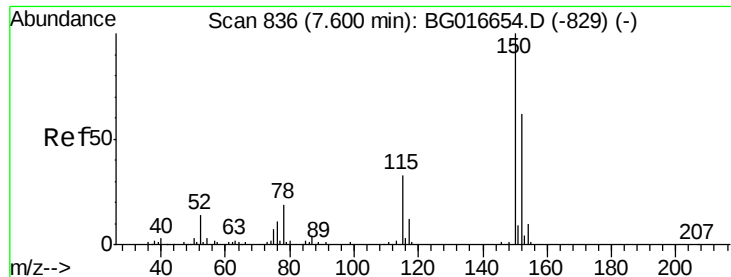
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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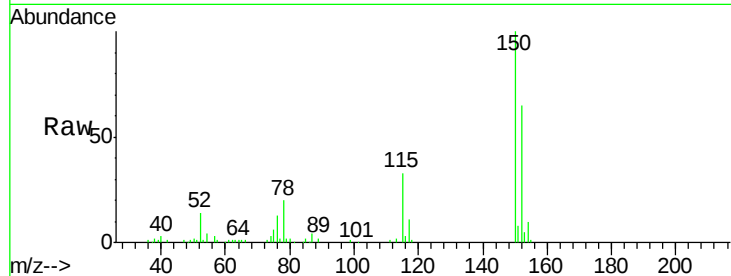


#1

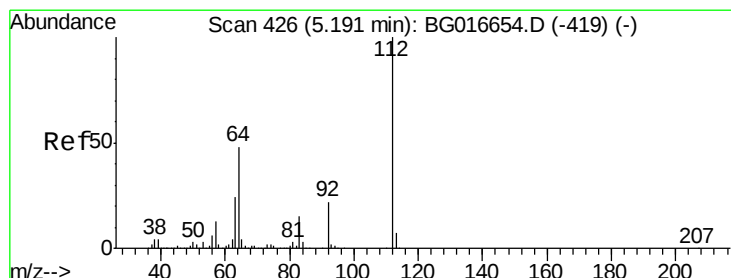
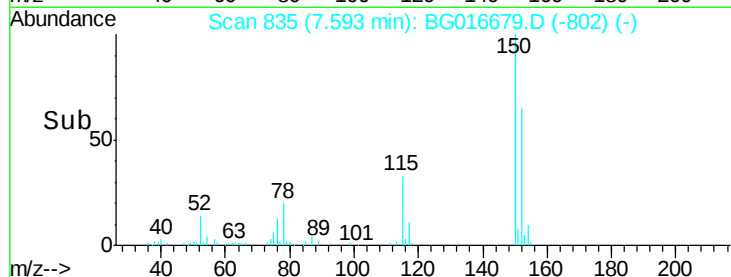
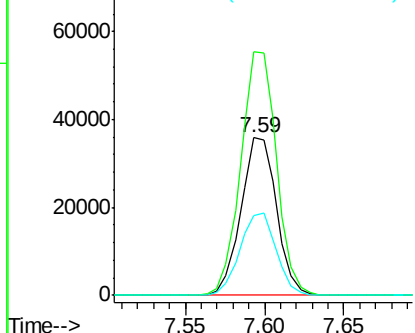
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG016679.D
Acq: 24 Apr 2015 8:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion	152	Resp	55666
Ion	Ratio	Lower	Upper
152	100		
150	154.7	129.6	194.4
115	50.5	43.0	64.6



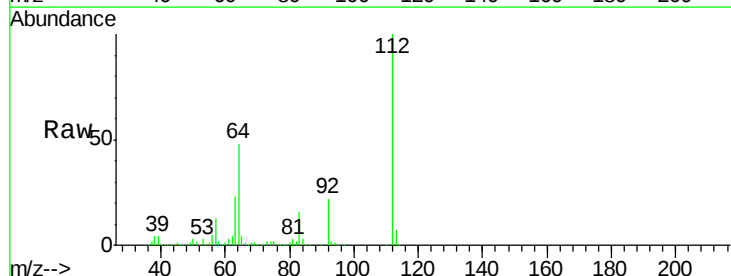
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



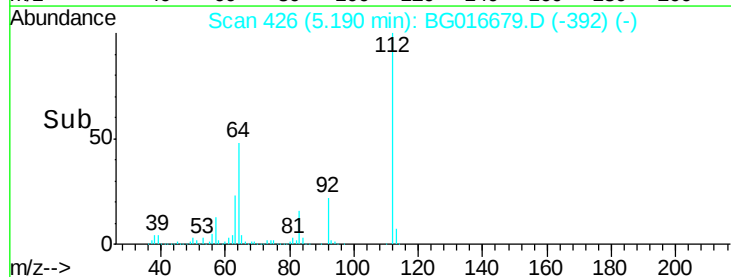
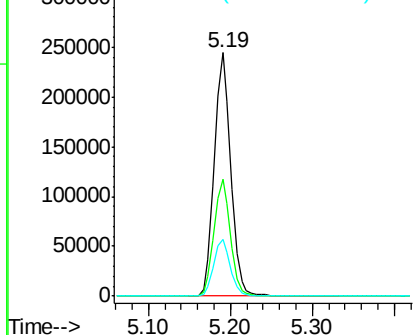
#5

2-Fluorophenol
Concen: 100.66 ng
RT: 5.19 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG016679.D
Acq: 24 Apr 2015 8:26

Tgt Ion	112	Resp	345305
Ion	Ratio	Lower	Upper
112	100		
64	47.8	38.3	57.5
63	23.0	18.9	28.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 98.91 ng

RT: 6.79 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG016679.D

Acq: 24 Apr 2015 8:26

Instrument :

BNA_G

ClientSampleId :

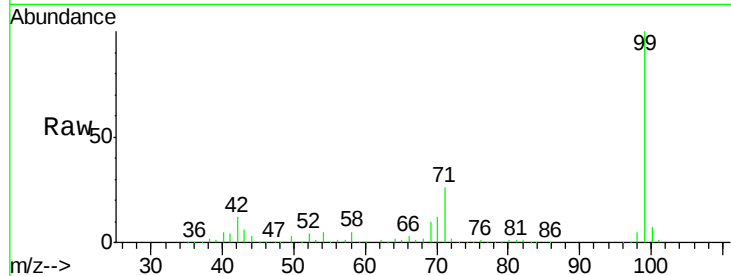
Tot Ion: 99 Resp: 476006

Ion Ratio Lower Upper

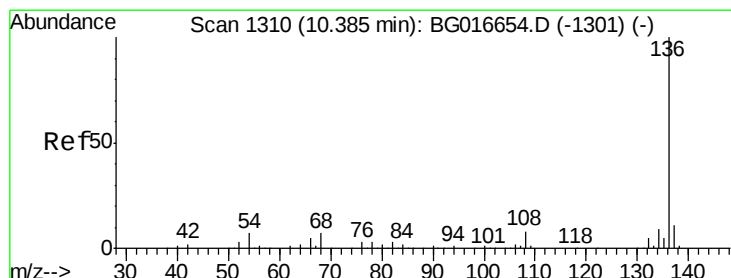
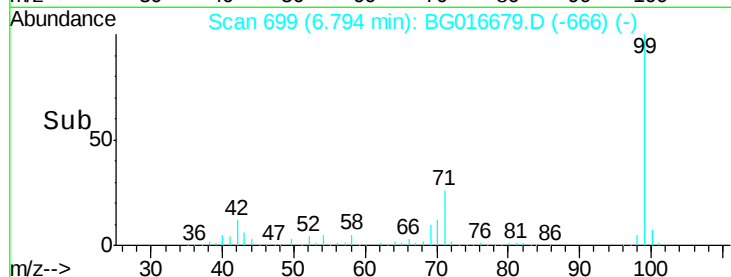
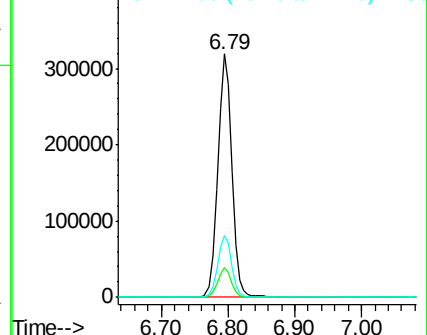
99 100

42 12.2 8.8 13.2

71 25.5 19.9 29.9



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: 10.38 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG016679.D

Acq: 24 Apr 2015 8:26

Tgt Ion: 136 Resp: 230807

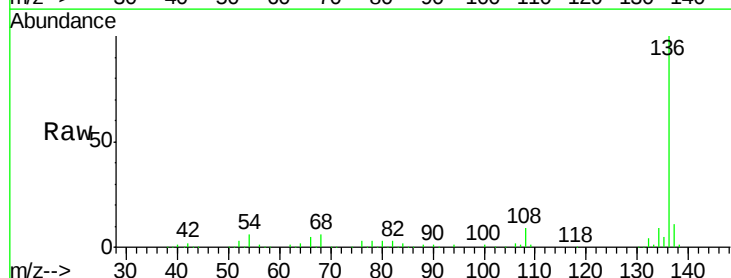
Ion Ratio Lower Upper

136 100

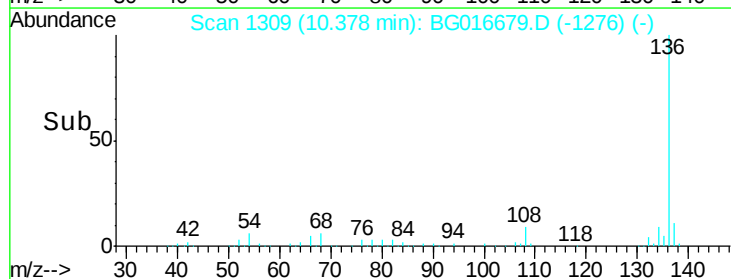
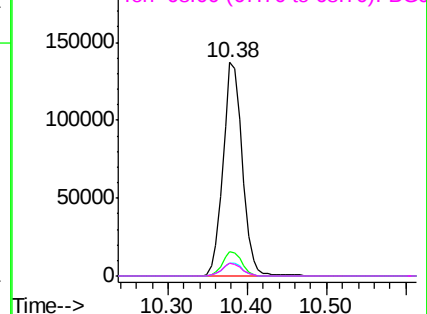
137 11.1 8.5 12.7

54 6.1 5.4 8.2

68 6.2 5.2 7.8



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

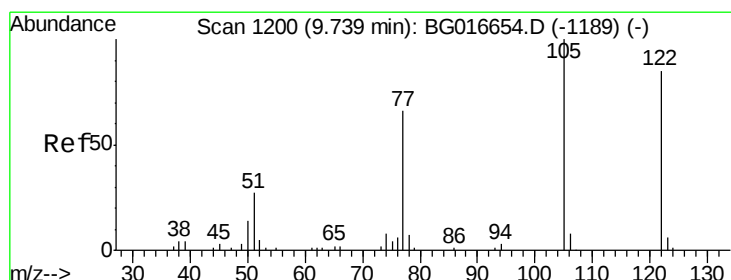
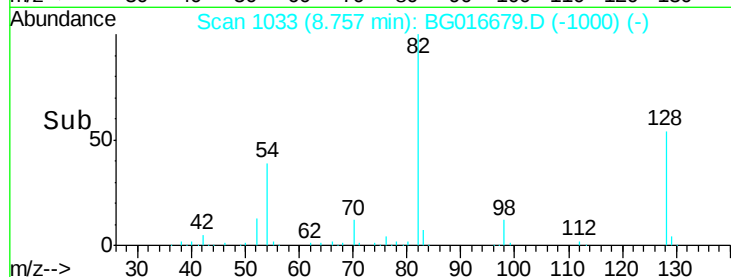
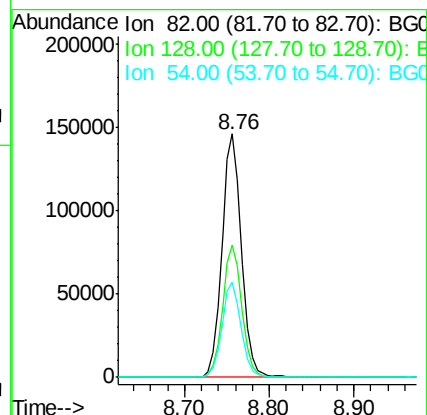
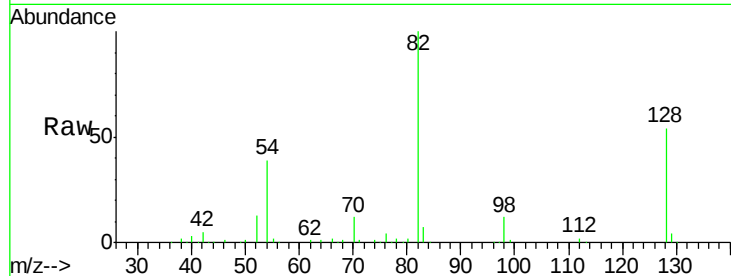




#23
 Nitrobenzene-d5
 Concen: 64.52 ng
 RT: 8.76 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG016679.D
 Acq: 24 Apr 2015 8:26

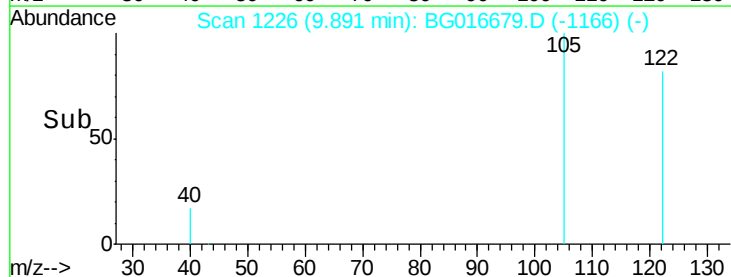
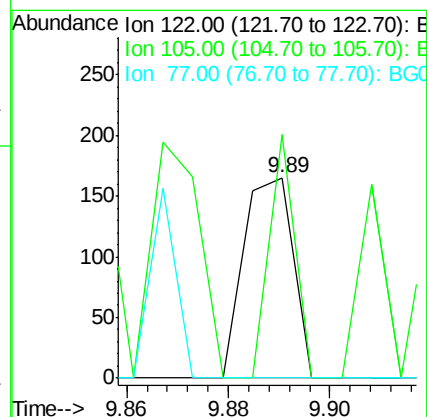
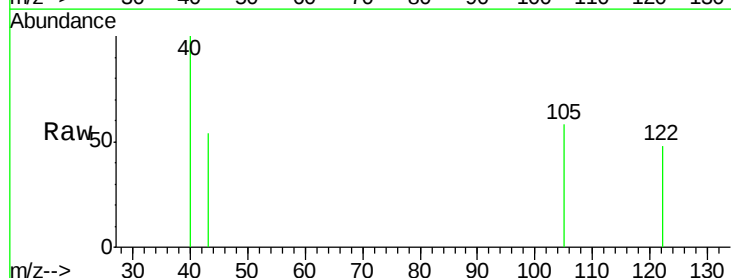
Instrument :
 BNA_G
 ClientSampled :

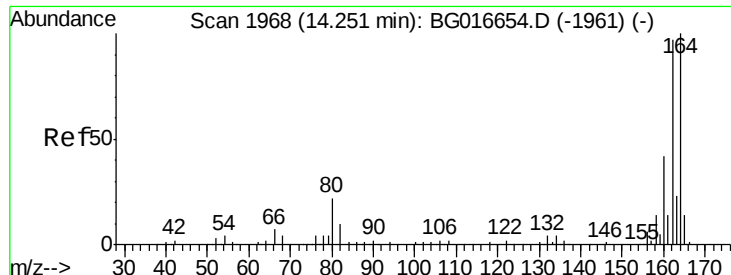
Tot Ion	82	Resp	235664
Ion Ratio	100	Lower	Upper
128	54.3	44.7	67.1
54	39.3	30.9	46.3



#32
 Benzoic acid
 Concen: 8.90 ng
 RT: 9.89 min Scan# 1226
 Delta R.T. 0.15 min
 Lab File: BG016679.D
 Acq: 24 Apr 2015 8:26

Tgt Ion	122	Resp	112
Ion Ratio	100	Lower	Upper
105	121.8	97.2	137.2
77	0.0	58.4	98.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.25 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG016679.D

Acq: 24 Apr 2015 8:26

Instrument :

BNA_G

ClientSampled :

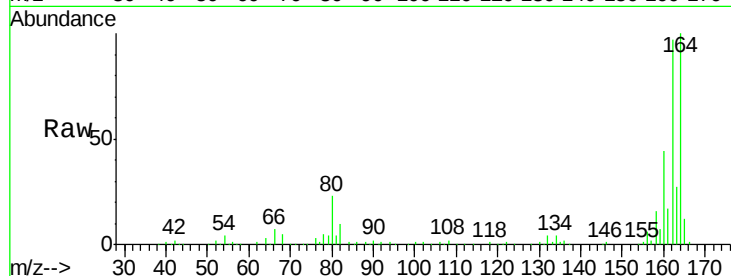
Tot Ion:164 Resp: 132700

Ion Ratio Lower Upper

164 100

162 97.0 77.3 115.9

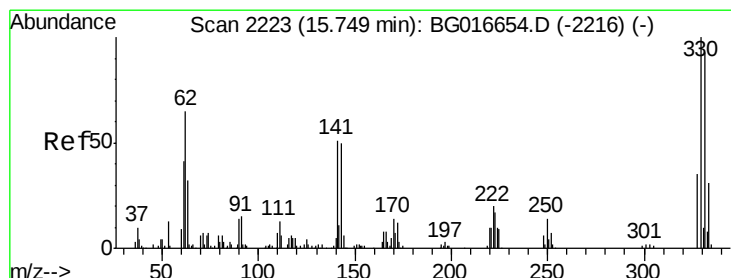
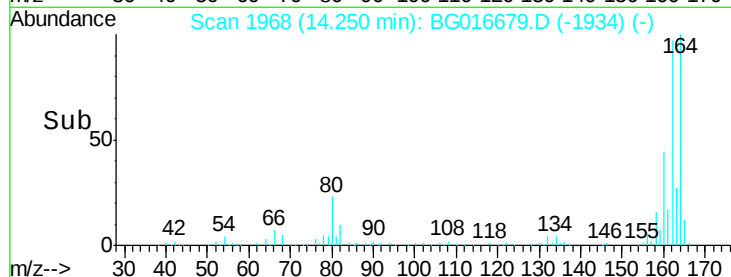
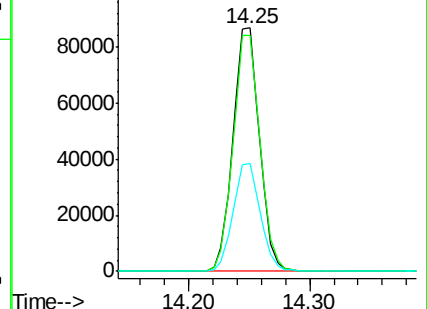
160 44.3 33.7 50.5



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: 96.81 ng

RT: 15.74 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG016679.D

Acq: 24 Apr 2015 8:26

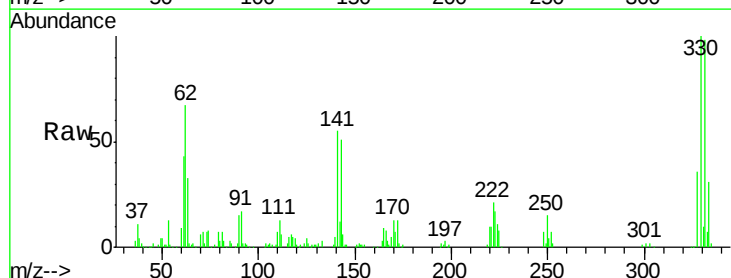
Tgt Ion:330 Resp: 95307

Ion Ratio Lower Upper

330 100

332 96.2 76.2 114.4

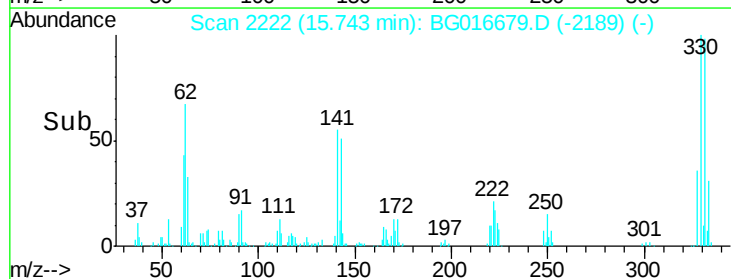
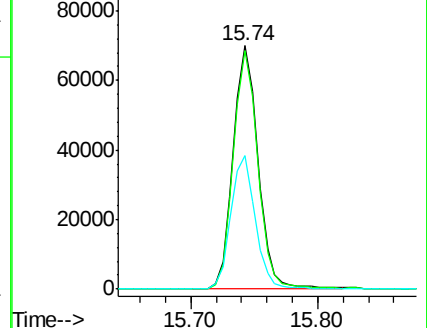
141 54.0 43.0 64.6

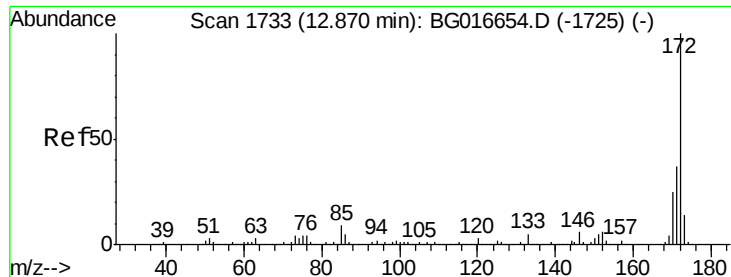


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

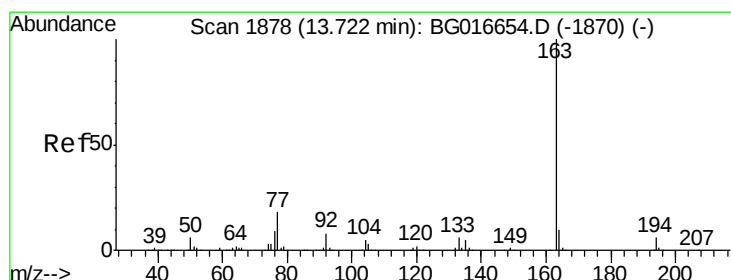
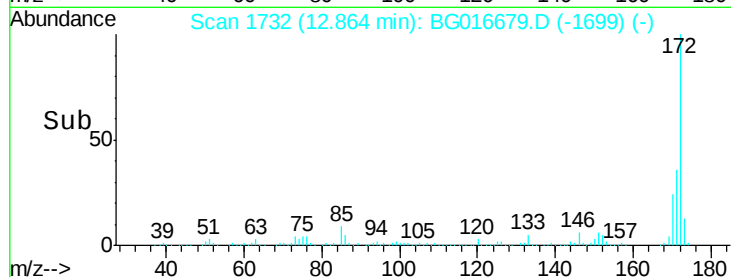
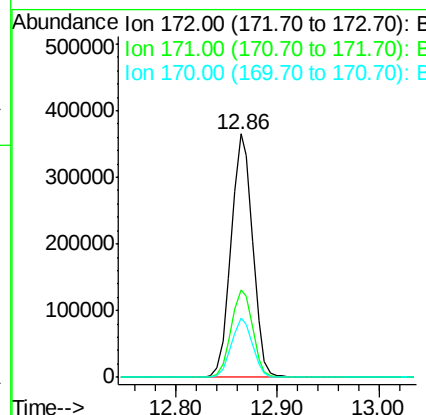
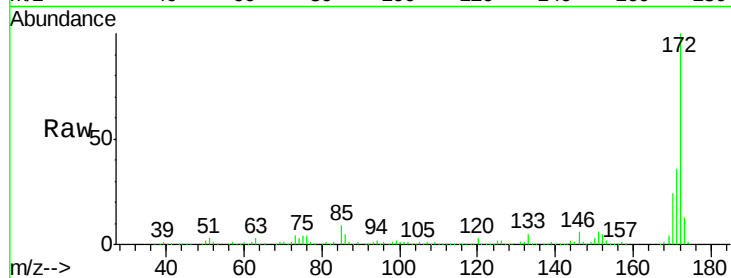




#44
2-Fluorobiphenyl
Concen: 65.10 ng
RT: 12.86 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BG016679.D
Acq: 24 Apr 2015 8:26

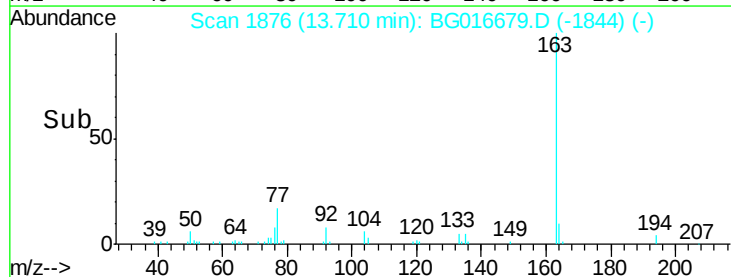
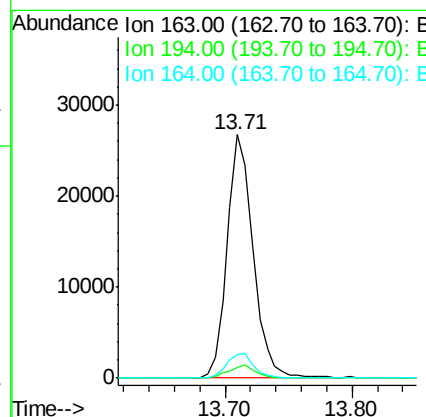
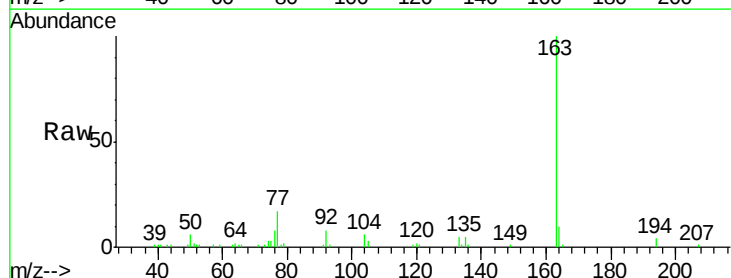
Instrument :
BNA_G
ClientSampled :

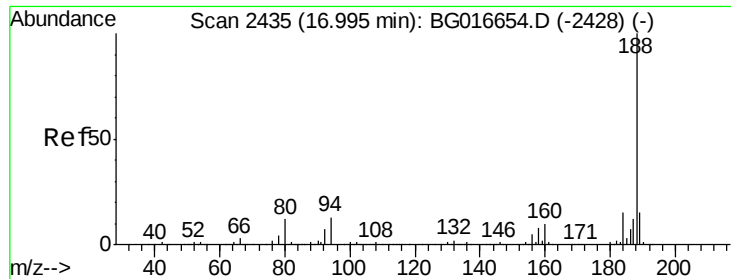
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.9	44.9
170	24.2	19.8	29.8



#49
Dimethylphthalate
Concen: 3.84 ng
RT: 13.71 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG016679.D
Acq: 24 Apr 2015 8:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	5.0	7.4#
164	9.8	7.8	11.8

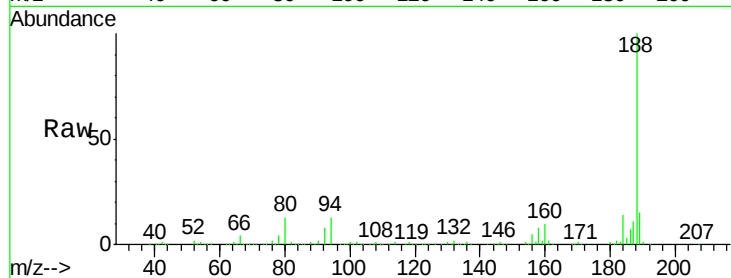




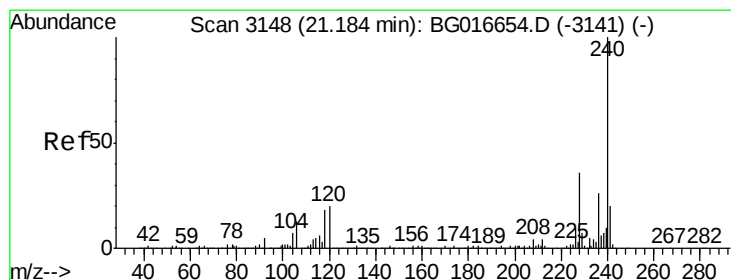
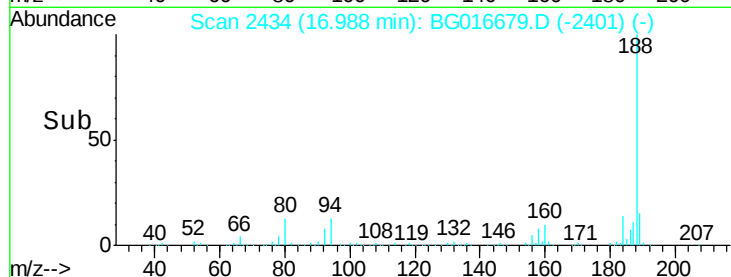
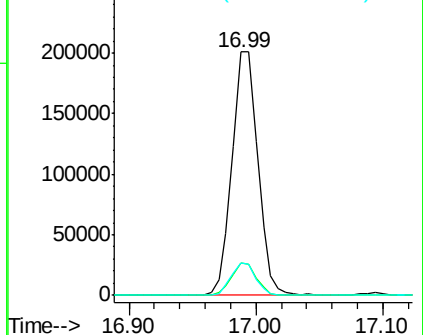
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG016679.D
Acq: 24 Apr 2015 8:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 283289
Ion Ratio Lower Upper
188 100
94 13.4 10.7 16.1
80 13.2 9.9 14.9

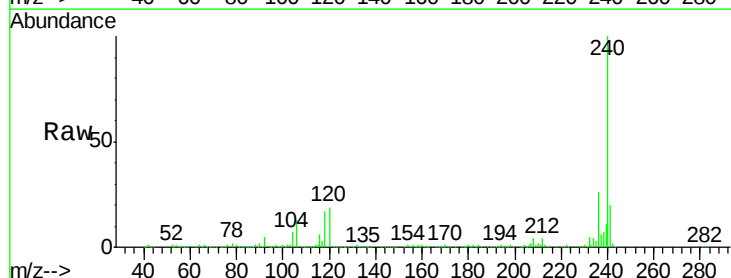


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

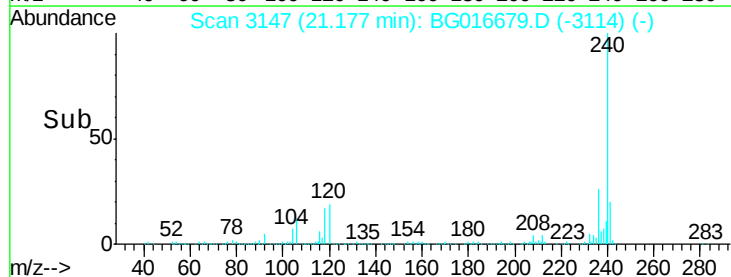
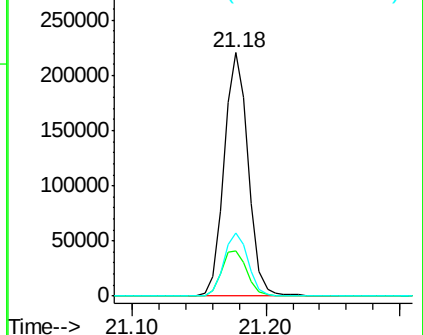


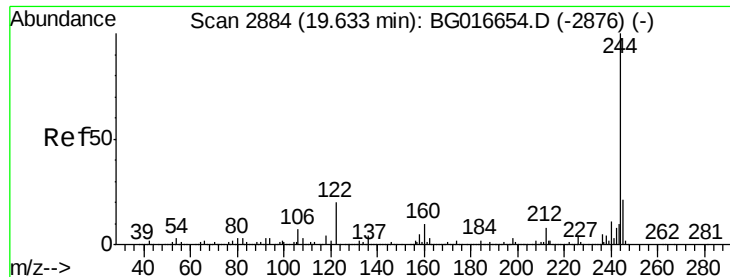
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG016679.D
Acq: 24 Apr 2015 8:26

Tgt Ion:240 Resp: 280654
Ion Ratio Lower Upper
240 100
120 18.7 16.3 24.5
236 25.9 21.1 31.7



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: 57.92 ng

RT: 19.63 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG016679.D

Acq: 24 Apr 2015 8:26

Instrument :

BNA_G

ClientSampleId :

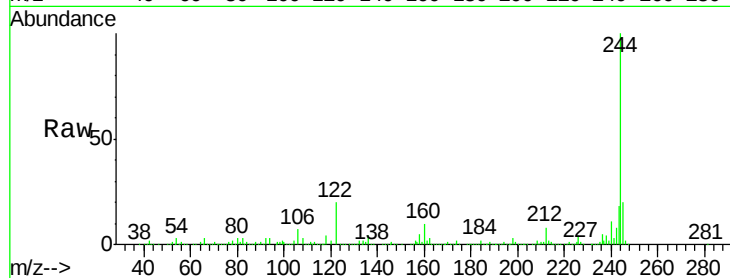
Tot Ion:244 Resp: 705648

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

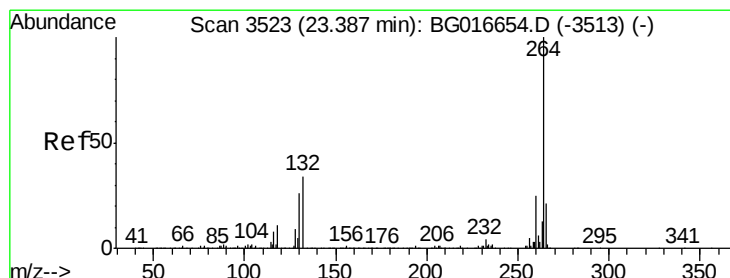
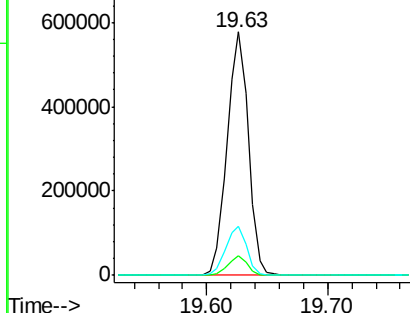
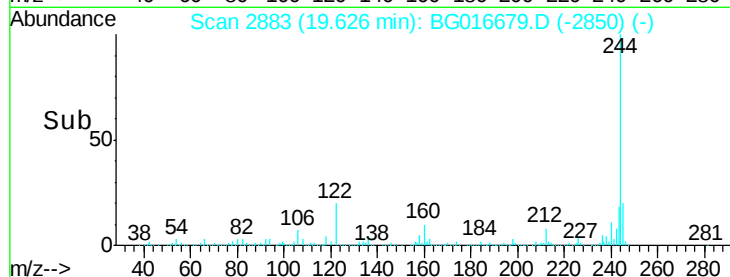
122 20.1 15.9 23.9



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

Perylene-d12

Concen: 20.00 ng

RT: 23.38 min Scan# 3522

Delta R.T. -0.01 min

Lab File: BG016679.D

Acq: 24 Apr 2015 8:26

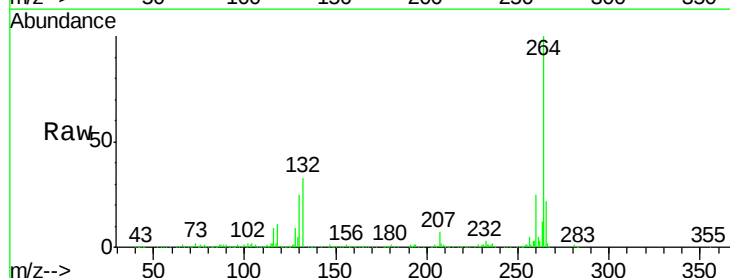
Tgt Ion:264 Resp: 260081

Ion Ratio Lower Upper

264 100

260 25.4 20.0 30.0

265 22.0 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

