

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050715\
 Data File : BG016922.D
 Acq On : 7 May 2015 14:17
 Operator : TP/IZ
 Sample : G2062-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW1

Quant Time: May 08 02:26:32 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 02:05:00 2015
 Response via : Initial Calibration

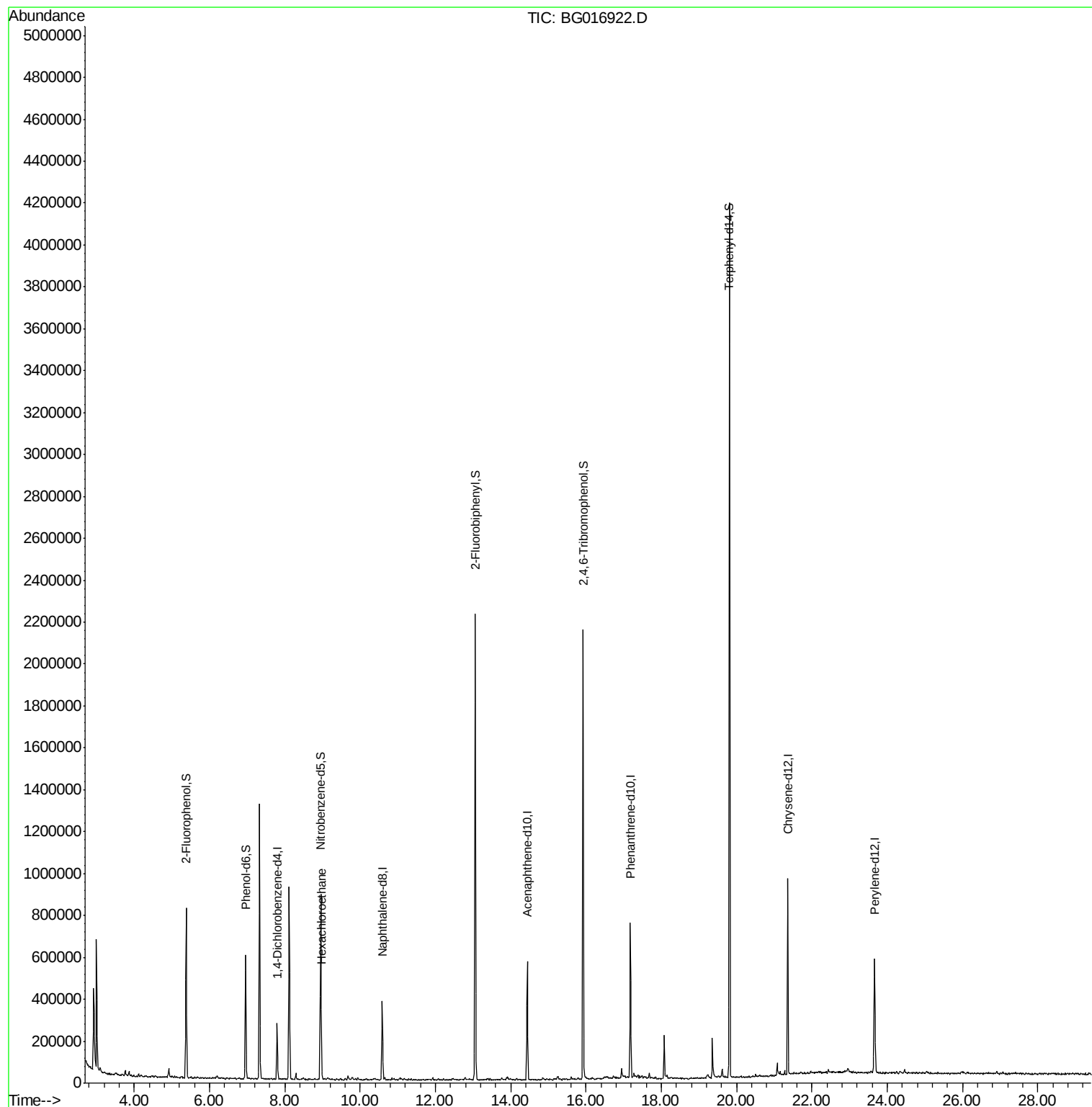
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	60744	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	273552	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	173022	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	391445	20.00	ng	0.00
75) Chrysene-d12	21.36	240	389435	20.00	ng	0.00
86) Perylene-d12	23.66	264	382370	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	293197	84.04	ng	0.00
7) Phenol-d6	6.96	99	275018	55.18	ng	0.00
23) Nitrobenzene-d5	8.96	82	471944	84.28	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	297388	171.21	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	996214	86.89	ng	0.00
78) Terphenyl-d14	19.81	244	1526045	91.86	ng	0.00
Target Compounds						
18) Hexachloroethane	8.98	117	19120	10.30	ng	# 4
32) Benzoic acid	9.88	122	59	Below Cal		# 1

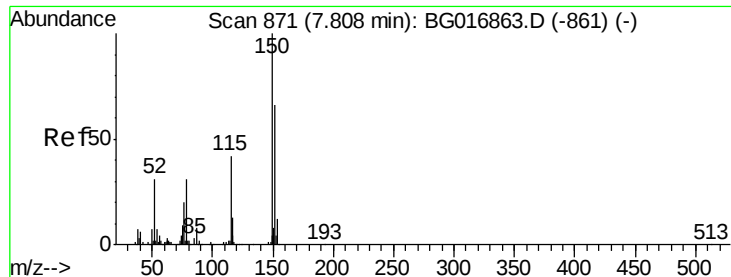
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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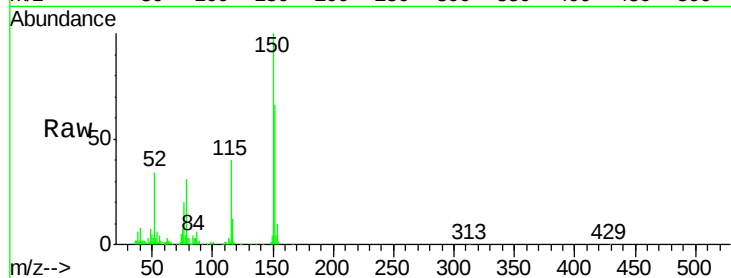


#1

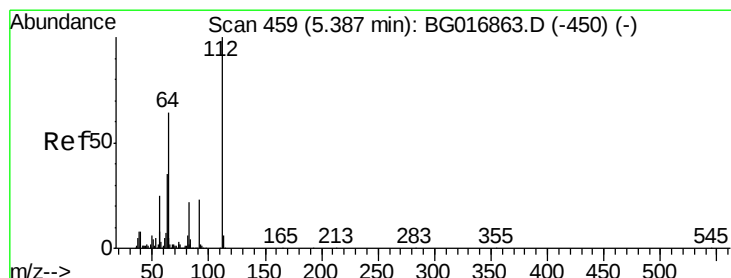
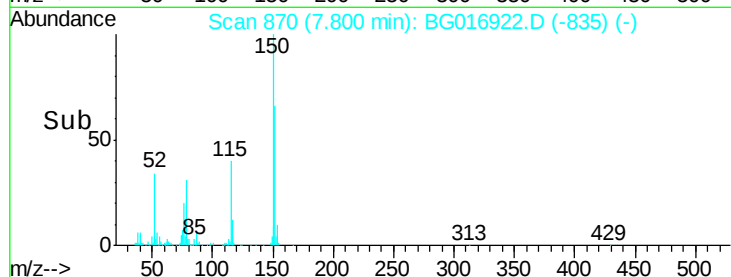
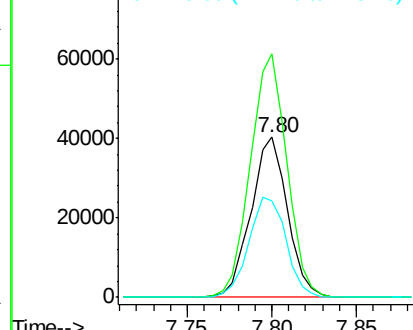
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 870
Delta R.T. 0.01 min
Lab File: BG016922.D
Acq: 7 May 2015 14:17

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion:152 Resp: 60744
Ion Ratio Lower Upper
152 100
150 152.3 121.0 181.4
115 60.6 50.5 75.7



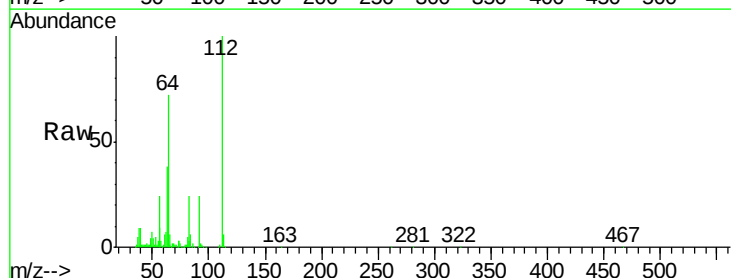
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



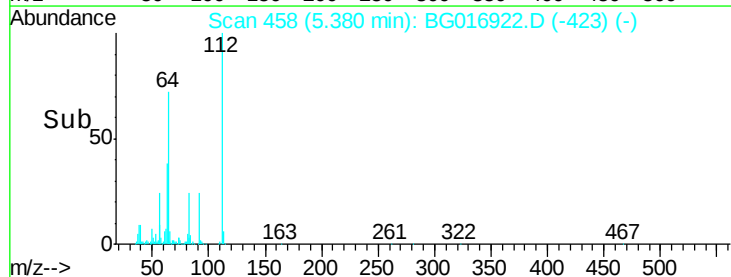
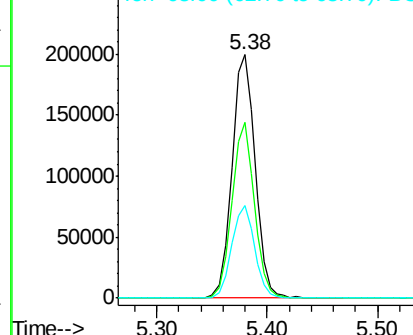
#5

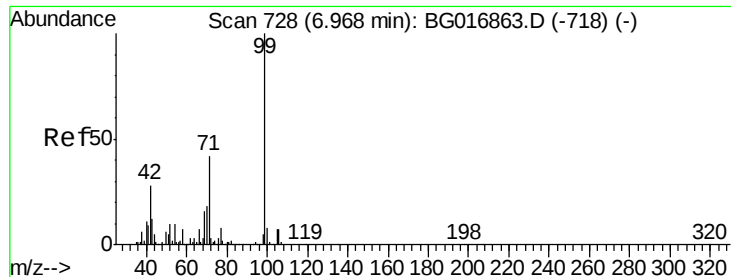
2-Fluorophenol
Concen: 84.04 ng
RT: 5.38 min Scan# 458
Delta R.T. 0.01 min
Lab File: BG016922.D
Acq: 7 May 2015 14:17

Tgt Ion:112 Resp: 293197
Ion Ratio Lower Upper
112 100
64 72.3 51.4 77.2
63 38.0 28.1 42.1



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: 55.18 ng

RT: 6.96 min Scan# 727

Delta R.T. 0.00 min

Lab File: BG016922.D

Acq: 7 May 2015 14:17

Instrument :

BNA_G

ClientSampleId :

MW1

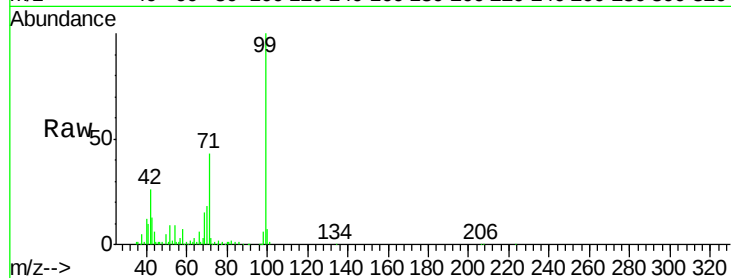
Tgt Ion: 99 Resp: 275018

Ion Ratio Lower Upper

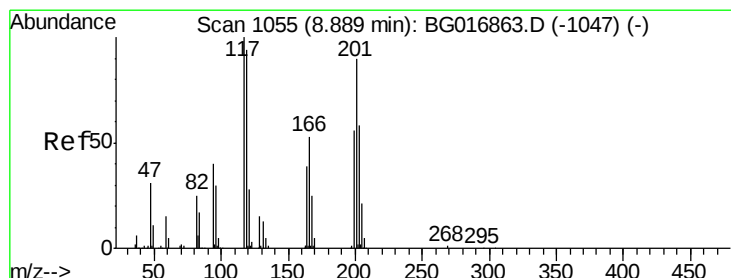
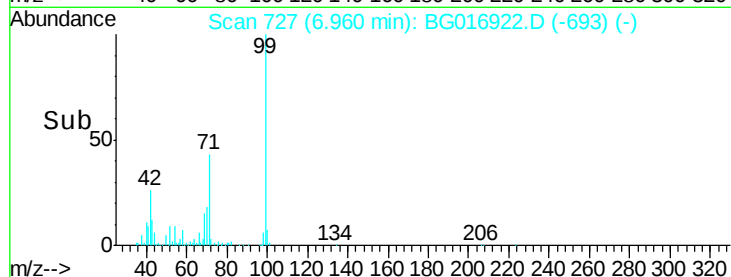
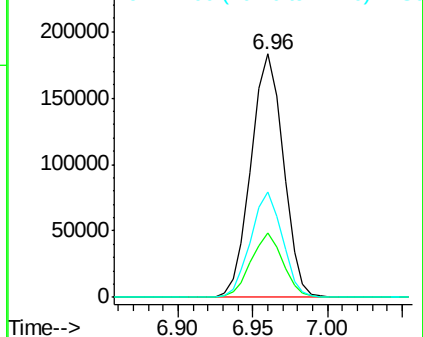
99 100

42 26.2 22.1 33.1

71 43.5 33.4 50.0



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



#18

Hexachloroethane

Concen: 10.30 ng

RT: 8.98 min Scan# 1070

Delta R.T. 0.10 min

Lab File: BG016922.D

Acq: 7 May 2015 14:17

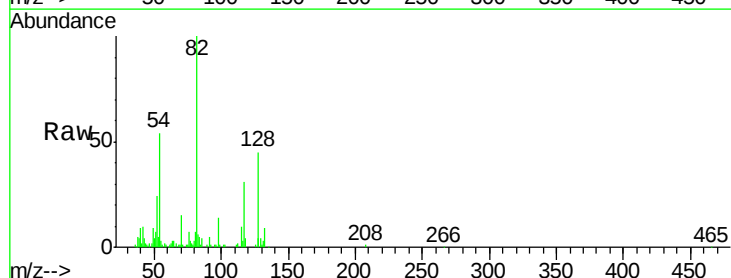
Tgt Ion: 117 Resp: 19120

Ion Ratio Lower Upper

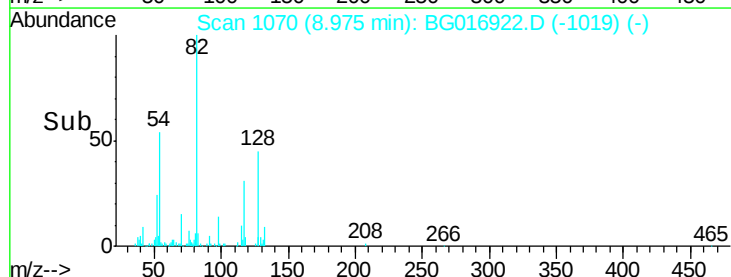
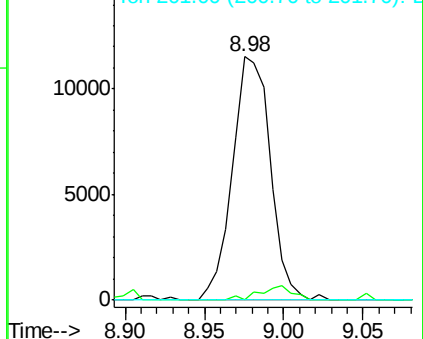
117 100

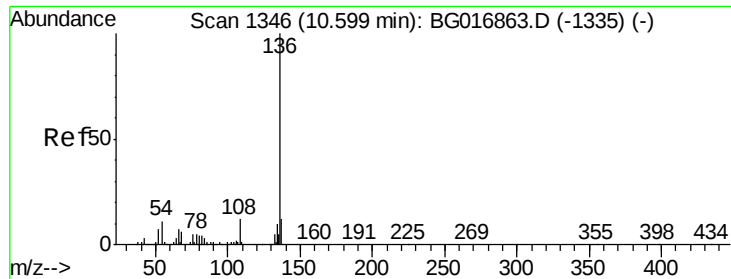
119 0.0 74.8 112.2#

201 0.0 72.1 108.1#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

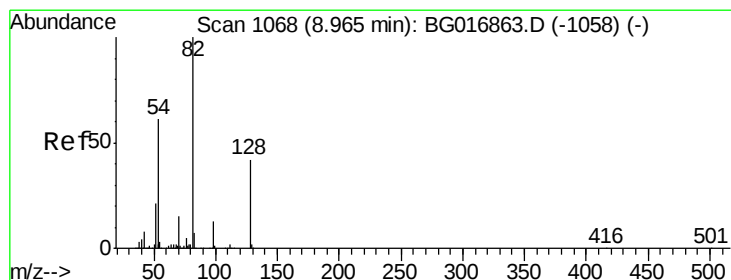
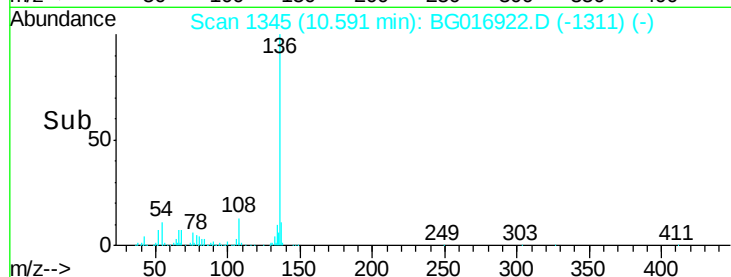
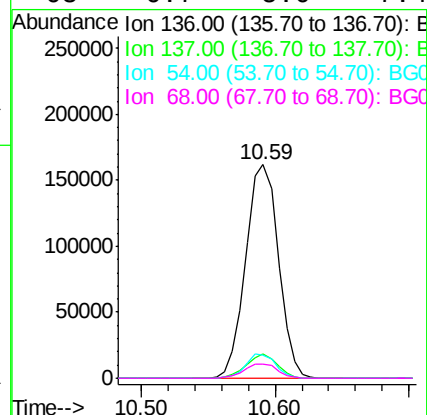
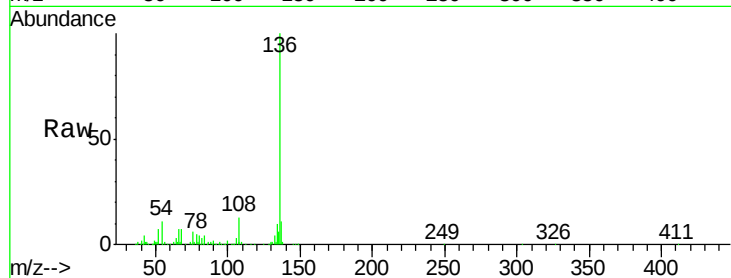




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BG016922.D
Acq: 7 May 2015 14:17

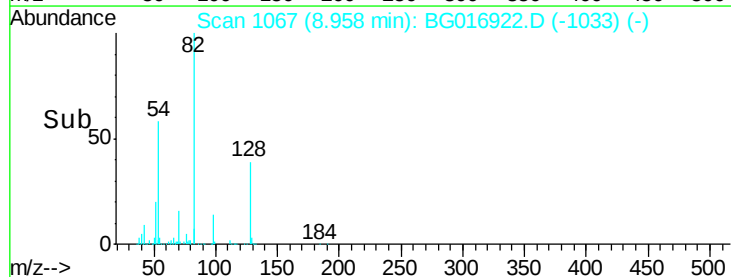
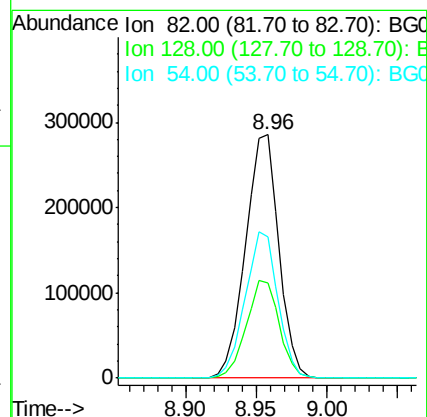
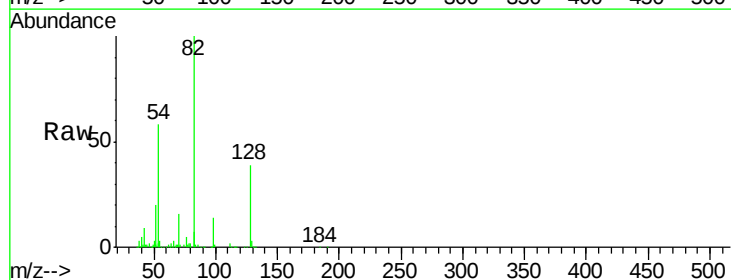
Instrument :
BNA_G
ClientSampleId :
MW1

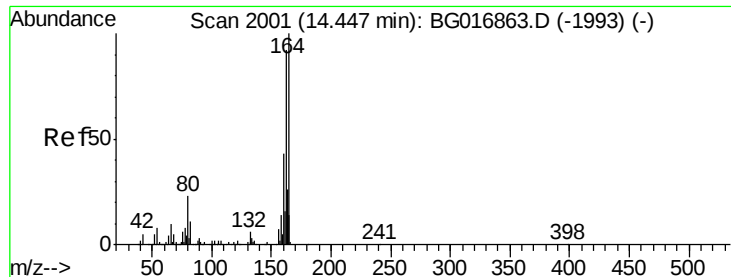
Tgt Ion:	136	Resp:	273552
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.8
54	10.9	8.7	13.1
68	6.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 84.28 ng
RT: 8.96 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BG016922.D
Acq: 7 May 2015 14:17

Tgt Ion:	82	Resp:	471944
Ion	Ratio	Lower	Upper
82	100		
128	38.9	33.2	49.8
54	57.9	48.6	72.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.43 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BG016922.D

Acq: 7 May 2015 14:17

Instrument :

BNA_G

ClientSampleId :

MW1

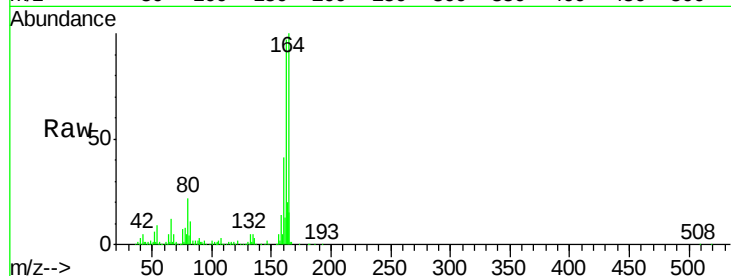
Tgt Ion:164 Resp: 173022

Ion Ratio Lower Upper

164 100

162 97.2 74.0 111.0

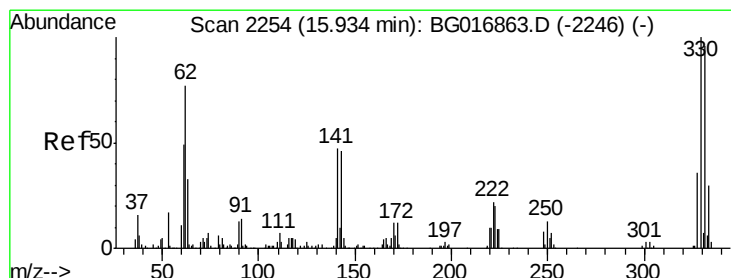
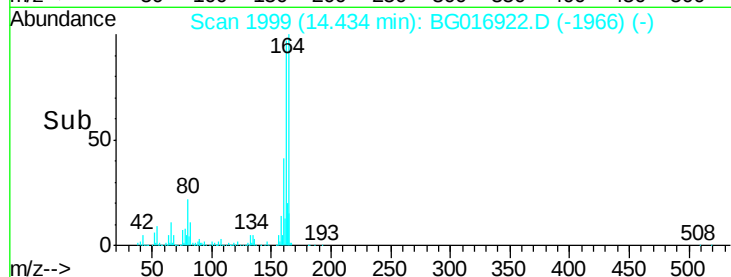
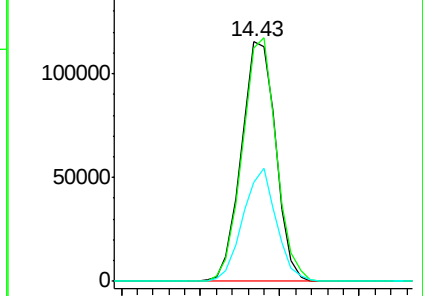
160 41.3 34.7 52.1



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: 171.21 ng

RT: 15.93 min Scan# 2253

Delta R.T. 0.00 min

Lab File: BG016922.D

Acq: 7 May 2015 14:17

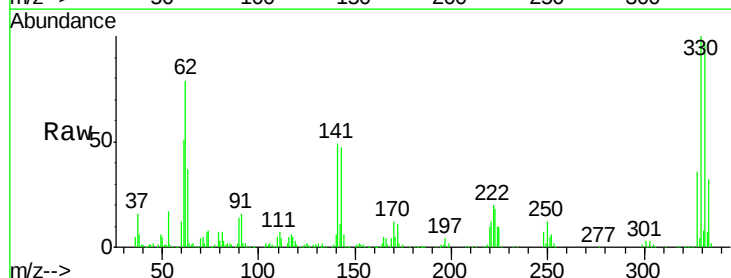
Tgt Ion:330 Resp: 297388

Ion Ratio Lower Upper

330 100

332 96.1 0.0 0.0#

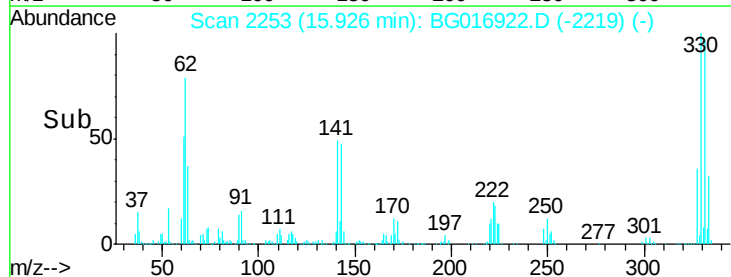
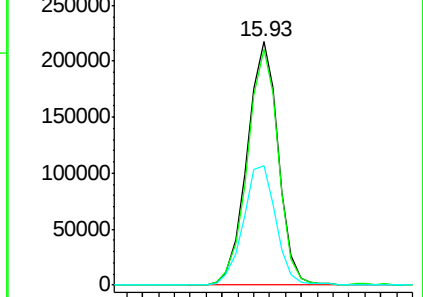
141 51.6 0.0 0.0#

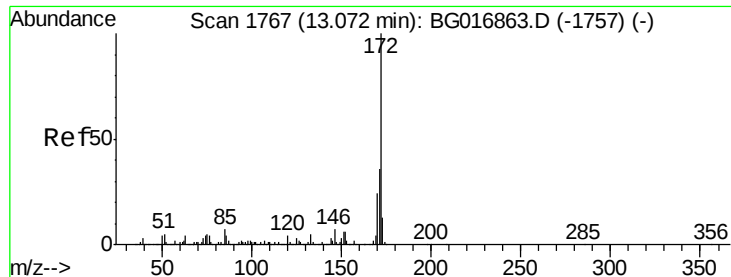


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

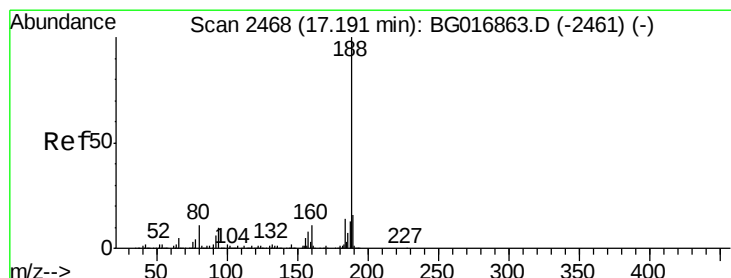
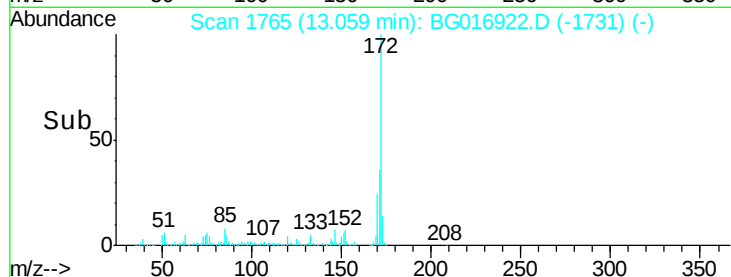
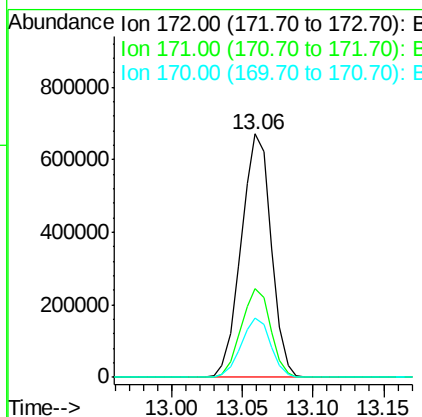
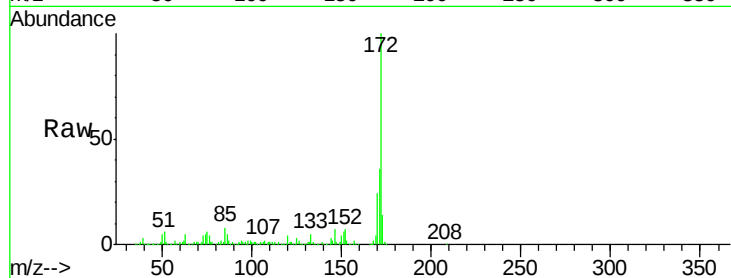




#44
 2-Fluorobiphenyl
 Concen: 86.89 ng
 RT: 13.06 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: BG016922.D
 Acq: 7 May 2015 14:17

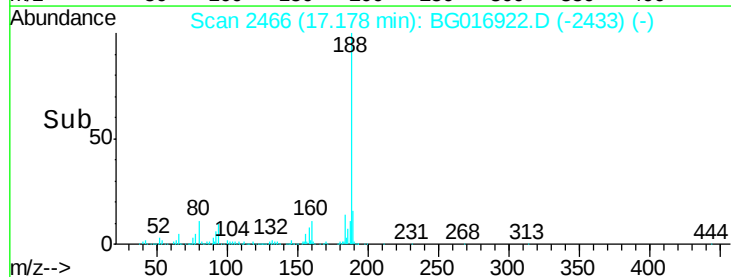
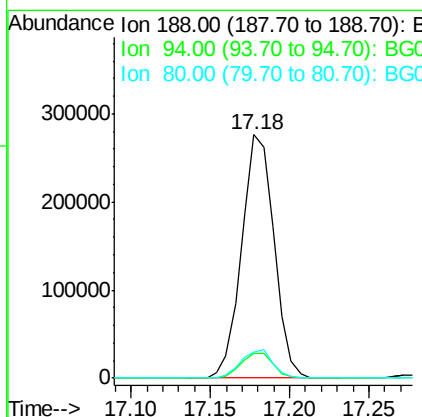
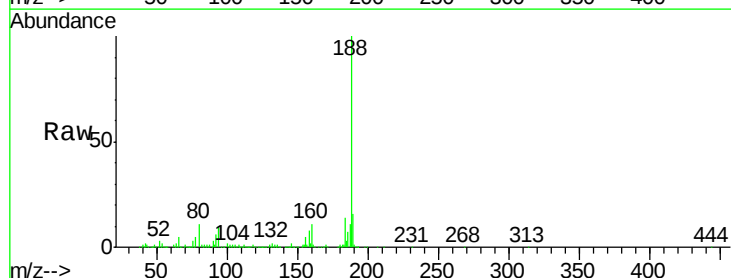
Instrument :
 BNA_G
 ClientSampleId :
 MW1

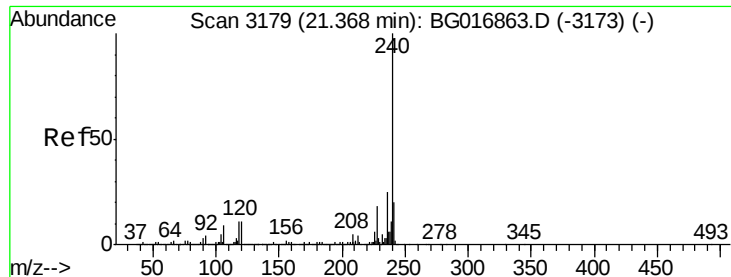
Tgt Ion:172 Resp: 996214
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.4
 170 24.3 19.0 28.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.18 min Scan# 2466
 Delta R.T. -0.01 min
 Lab File: BG016922.D
 Acq: 7 May 2015 14:17

Tgt Ion:188 Resp: 391445
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.2 12.4
 80 10.8 8.8 13.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG016922.D

Acq: 7 May 2015 14:17

Instrument :

BNA_G

ClientSampleId :

MW1

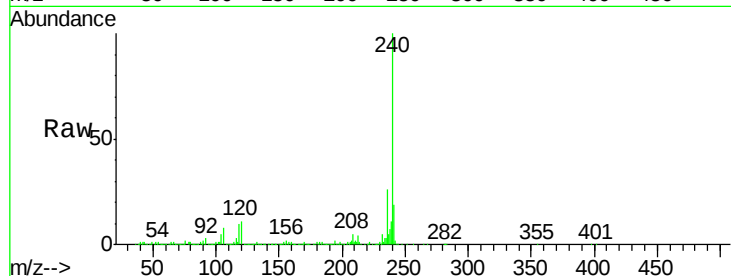
Tgt Ion:240 Resp: 389435

Ion Ratio Lower Upper

240 100

120 11.4 9.1 13.7

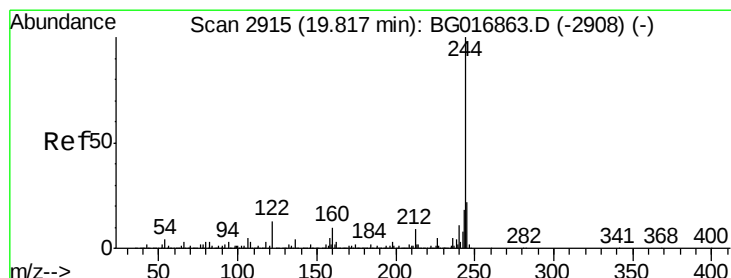
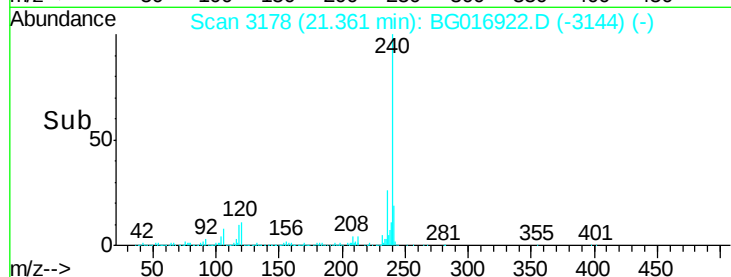
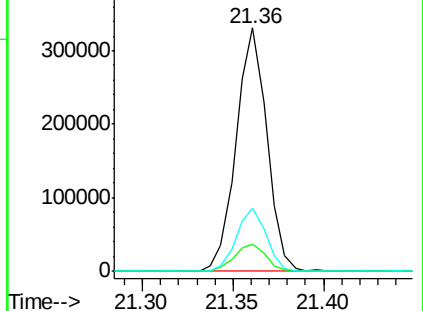
236 25.9 20.2 30.4



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: 91.86 ng

RT: 19.81 min Scan# 2914

Delta R.T. 0.00 min

Lab File: BG016922.D

Acq: 7 May 2015 14:17

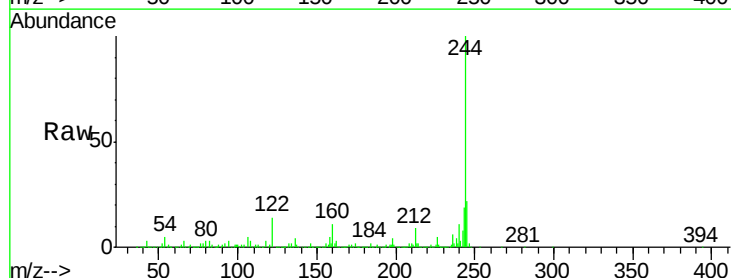
Tgt Ion:244 Resp: 1526045

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

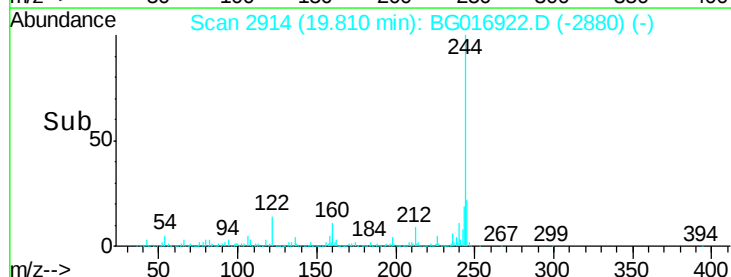
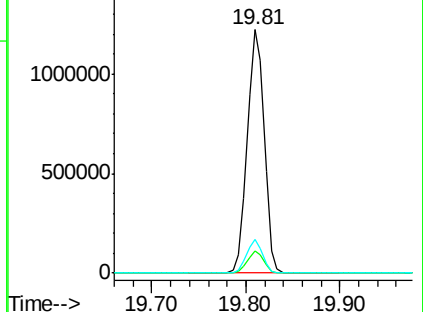
122 13.8 10.4 15.6

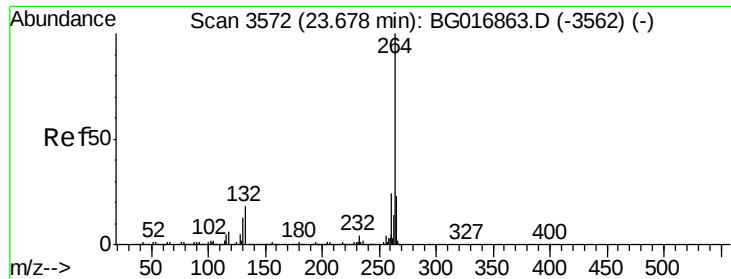


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.66 min Scan# 3570
Delta R.T. 0.00 min
Lab File: BG016922.D
Acq: 7 May 2015 14:17

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion: 264 Resp: 382370
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 19.1 18.5 27.7

