

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042117\
 Data File : BG026698.D
 Acq On : 21 Apr 2017 22:49
 Operator : SJ/MA
 Sample : I2782-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HW-10-42017

Quant Time: Apr 22 04:38:19 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	168797	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	722205	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	442772	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1182556	20.00	ng	-0.02
75) Chrysene-d12	21.61	240	1317085	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1297977	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	207602	22.36	ng	0.00
7) Phenol-d6	7.21	99	182351	14.99	ng	0.00
23) Nitrobenzene-d5	9.19	82	895778	86.55	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	268948	43.59	ng	-0.01
44) 2-Fluorobiphenyl	13.26	172	2500555	84.11	ng	-0.02
78) Terphenyl-d14	19.97	244	3471862	77.82	ng	-0.02

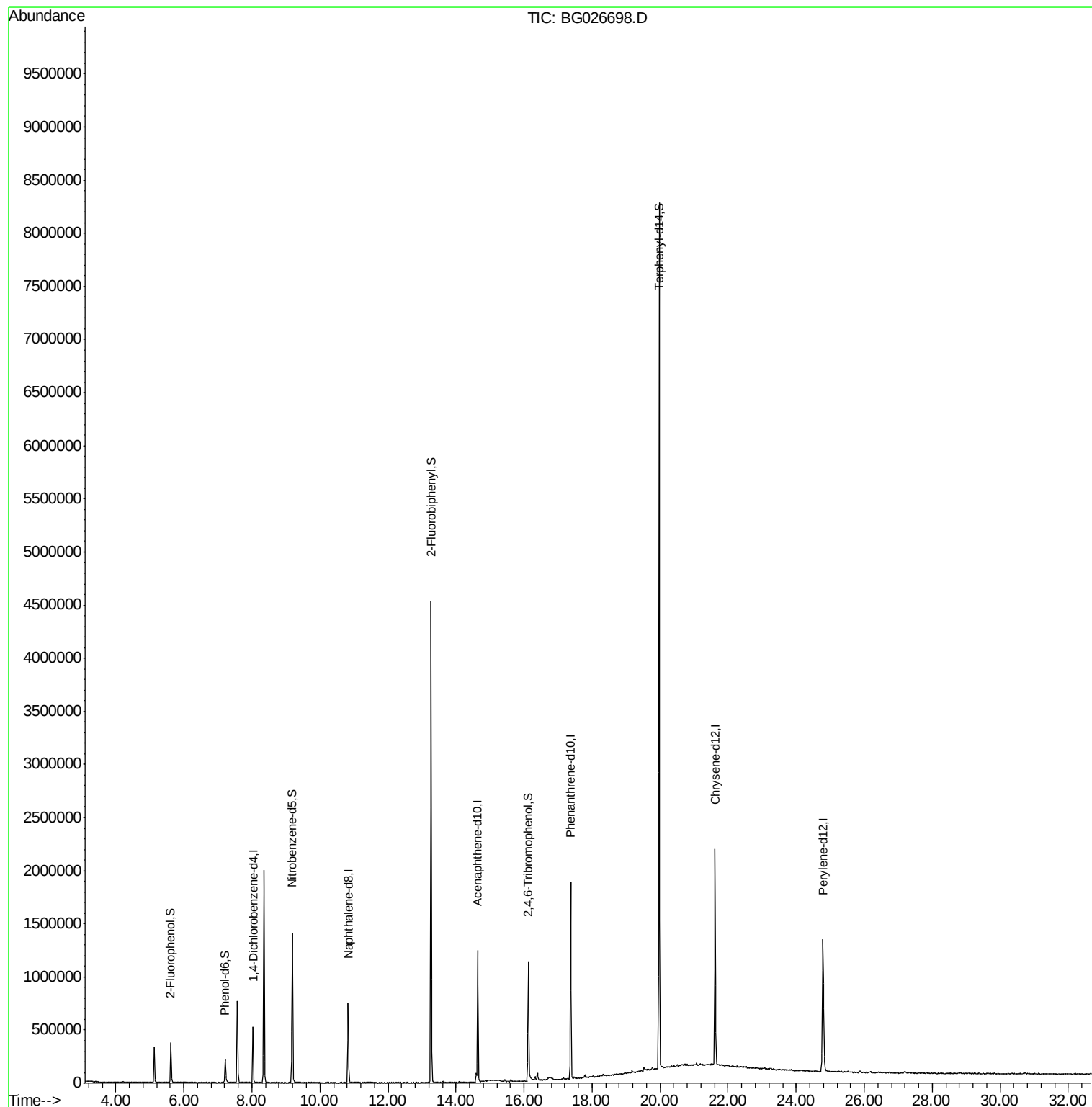
Target Compounds Qvalue

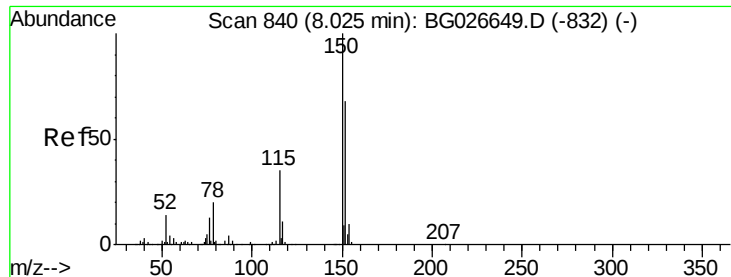
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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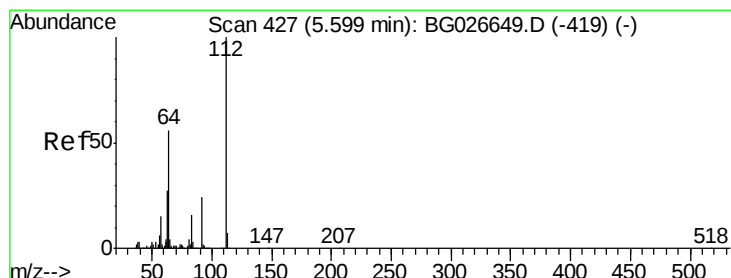
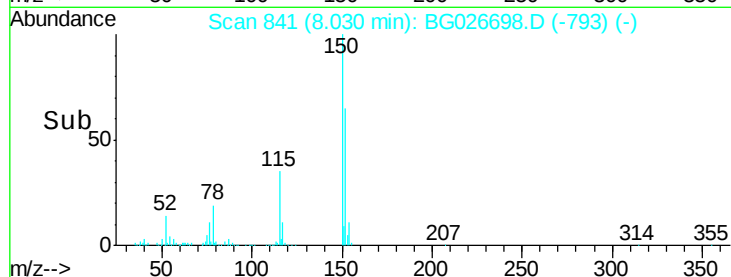
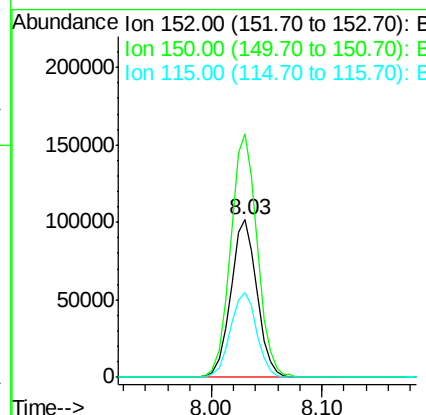
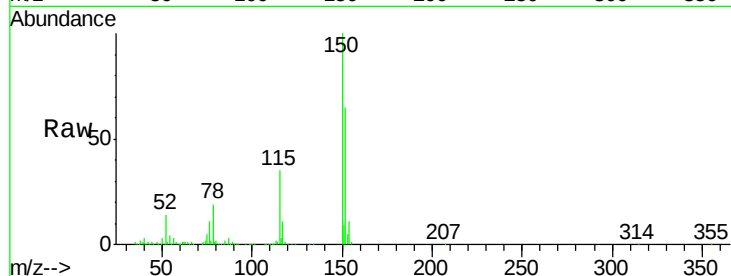


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026698.D
Acq: 21 Apr 2017 22:49

Instrument :
BNA_G
ClientSampleId :
HW-10-42017

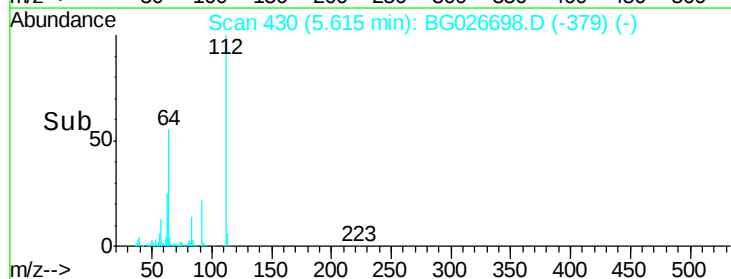
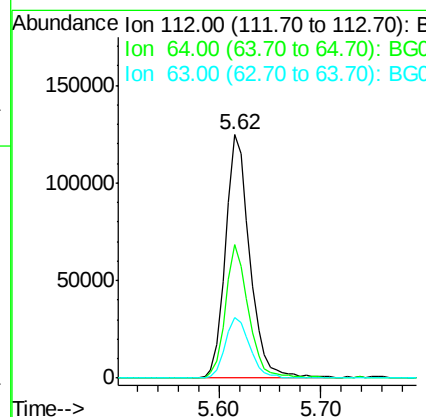
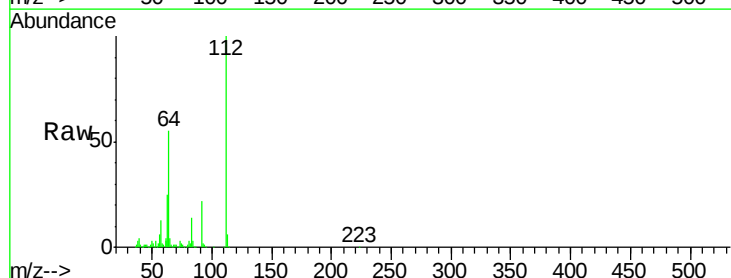
Tot Ion:152 Resp: 168797
Ion Ratio Lower Upper
152 100
150 154.5 114.0 171.0
115 54.1 48.1 72.1

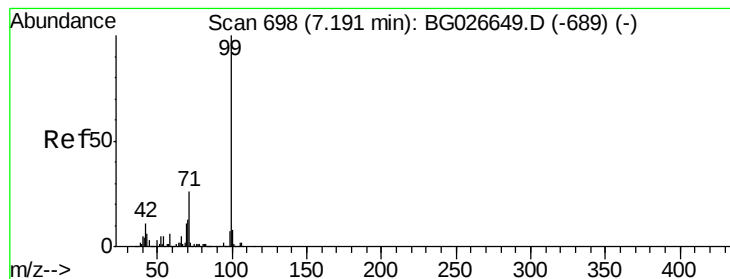


#5

2-Fluorophenol
Concen: 22.36 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026698.D
Acq: 21 Apr 2017 22:49

Tgt Ion:112 Resp: 207602
Ion Ratio Lower Upper
112 100
64 54.9 61.8 92.6#
63 25.0 37.2 55.8#





#7

Phenol-d6

Concen: 14.99 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG026698.D

Acq: 21 Apr 2017 22:49

Instrument :

BNA_G

ClientSampleId :

HW-10-42017

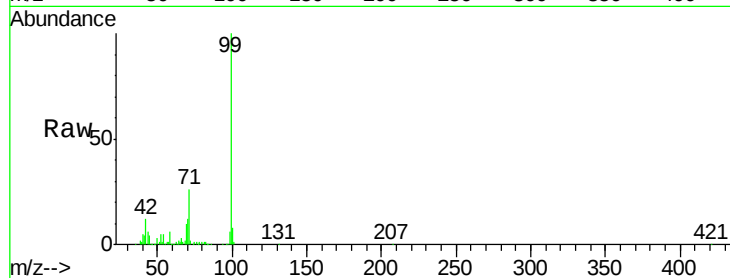
Tot Ion: 99 Resp: 182351

Ion Ratio Lower Upper

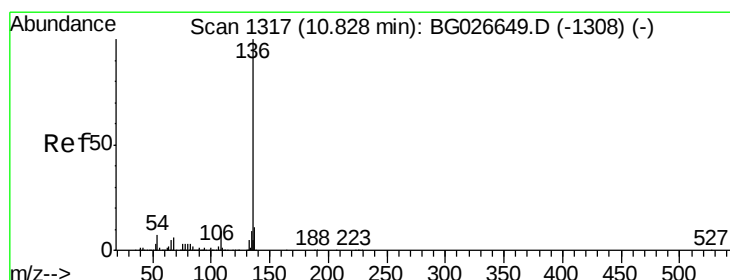
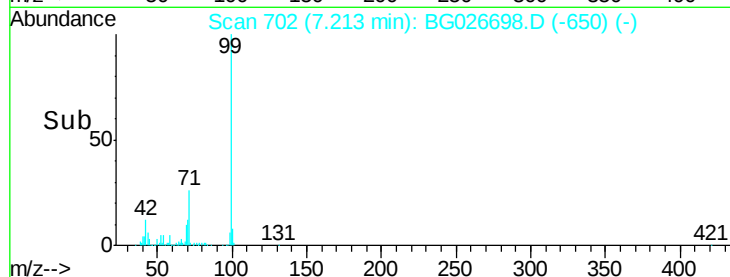
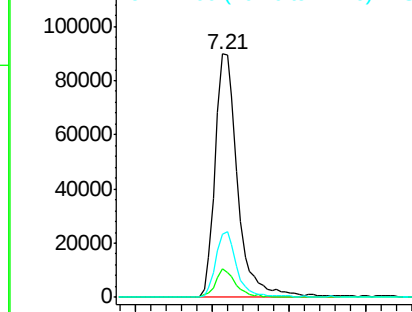
99 100

42 11.6 20.5 30.7#

71 26.1 37.6 56.4#



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: 10.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BG026698.D

Acq: 21 Apr 2017 22:49

Tgt Ion: 136 Resp: 722205

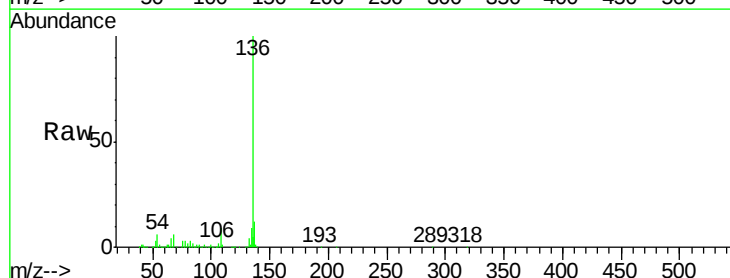
Ion Ratio Lower Upper

136 100

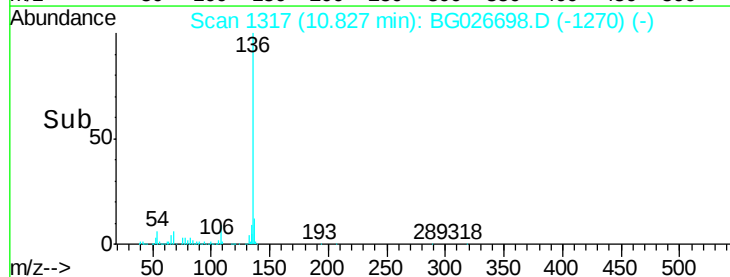
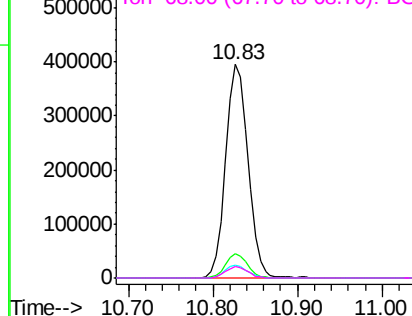
137 11.6 8.9 13.3

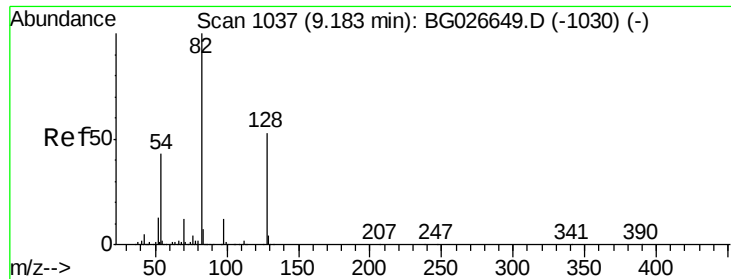
54 6.0 9.3 13.9#

68 5.7 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

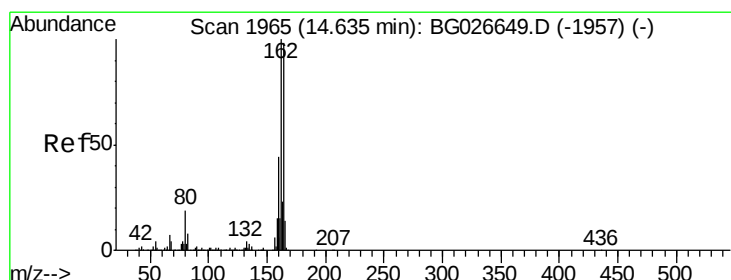
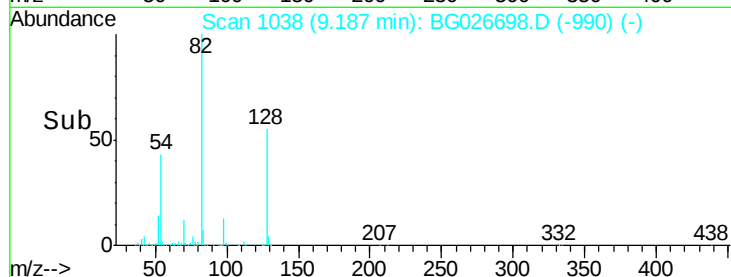
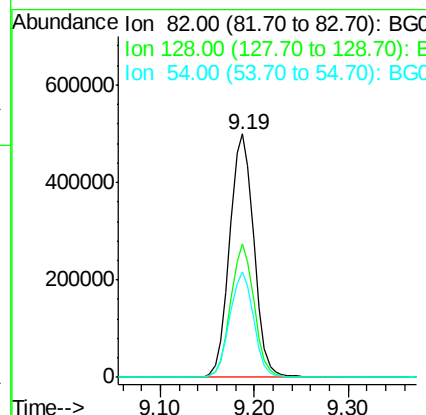
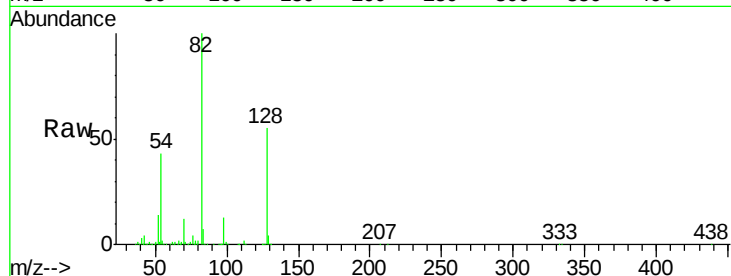




#23
 Nitrobenzene-d5
 Concen: 86.55 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BG026698.D
 Acq: 21 Apr 2017 22:49

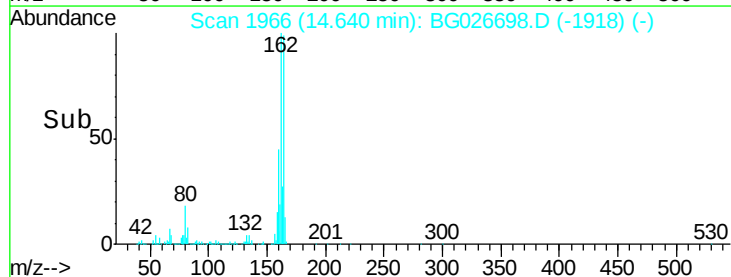
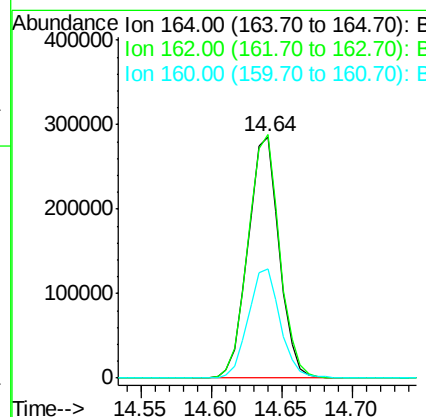
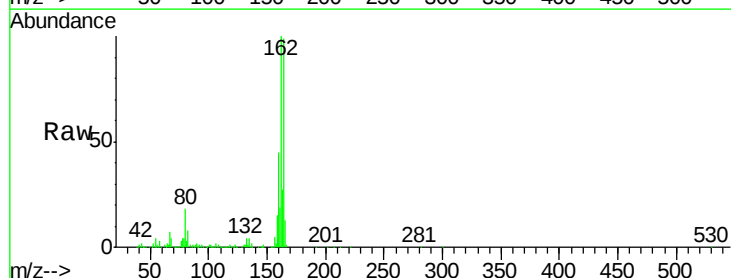
Instrument :
 BNA_G
 ClientSampleId :
 HW-10-42017

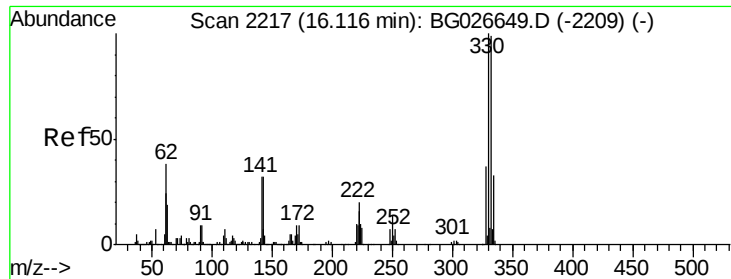
Tot Ion	82	Resp	895778
Ion Ratio	Lower	Upper	
82	100		
128	55.1	26.4	39.6#
54	43.2	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BG026698.D
 Acq: 21 Apr 2017 22:49

Tgt Ion	164	Resp	442772
Ion Ratio	Lower	Upper	
164	100		
162	100.9	85.1	127.7
160	45.5	34.7	52.1

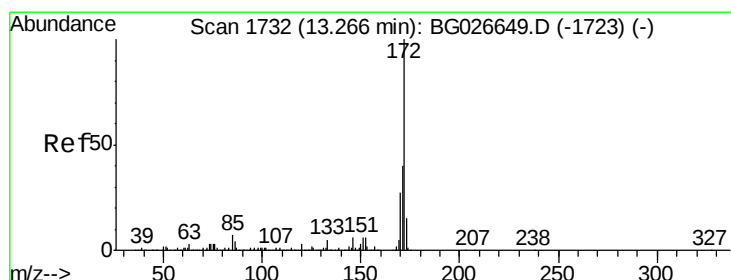
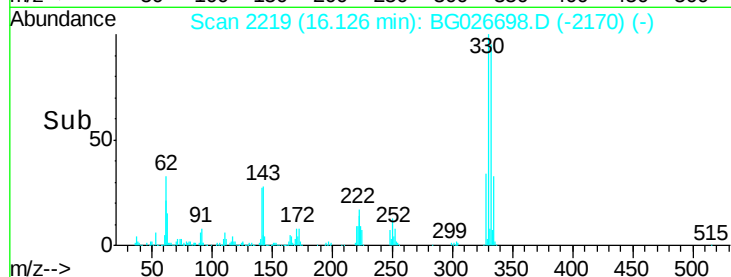
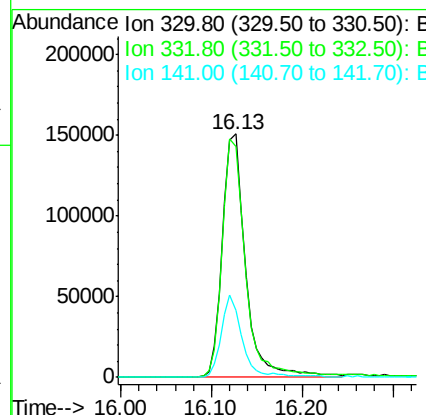
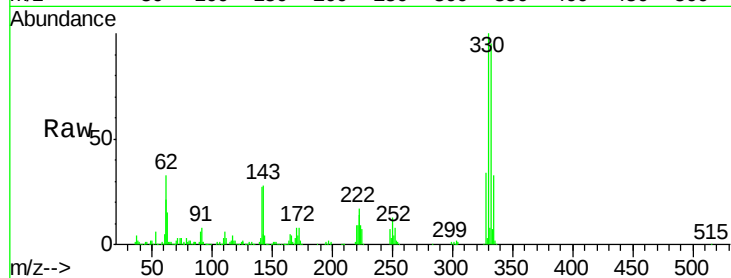




#41
 2,4,6-Tribromophenol
 Concen: 43.59 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026698.D
 Acq: 21 Apr 2017 22:49

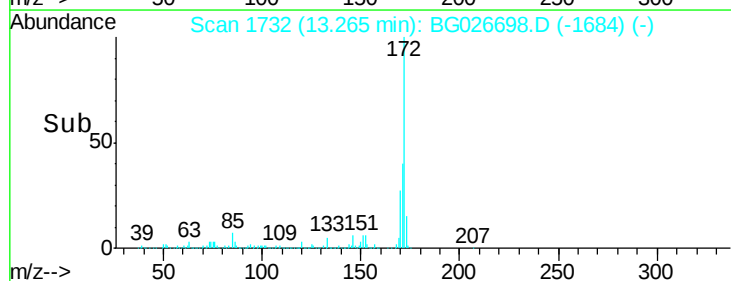
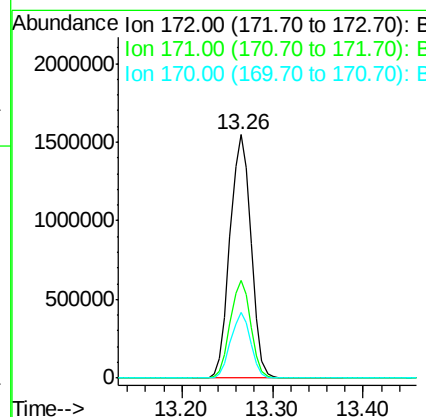
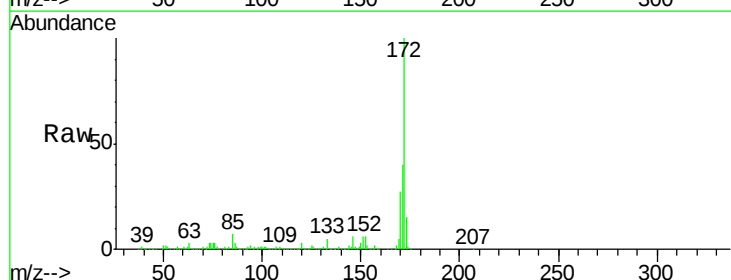
Instrument :
 BNA_G
 ClientSampleId :
 HW-10-42017

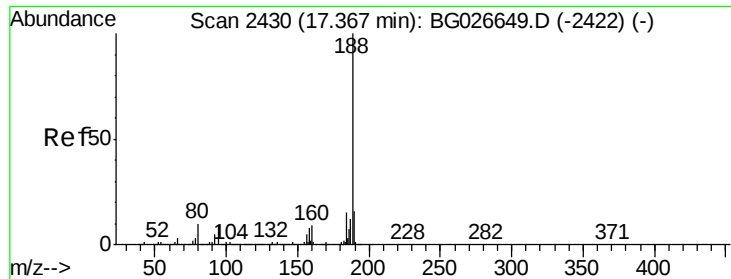
Tot Ion	Ratio	Lower	Upper
330	100		
332	100.1	77.3	115.9
141	30.6	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 84.11 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026698.D
 Acq: 21 Apr 2017 22:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.2	32.2	48.2
170	27.0	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG026698.D

Acq: 21 Apr 2017 22:49

Instrument :

BNA_G

ClientSampleId :

HW-10-42017

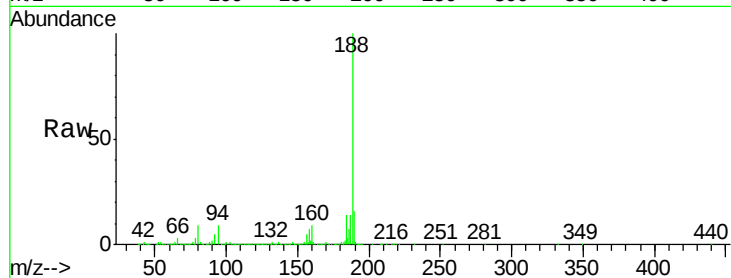
Tot Ion:188 Resp: 1182556

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.8#

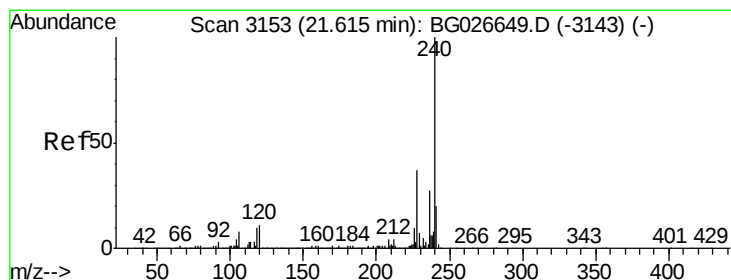
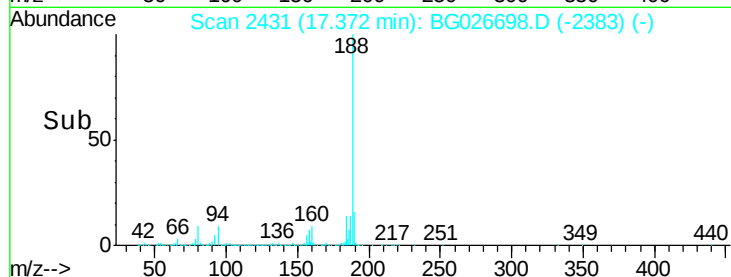
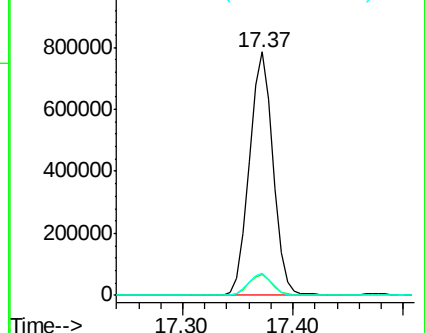
80 9.2 7.5 11.3



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: 21.61 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG026698.D

Acq: 21 Apr 2017 22:49

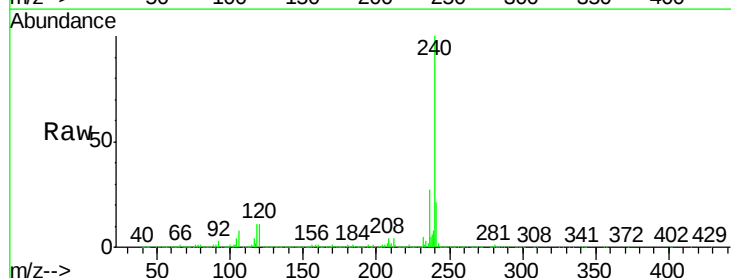
Tgt Ion:240 Resp: 1317085

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

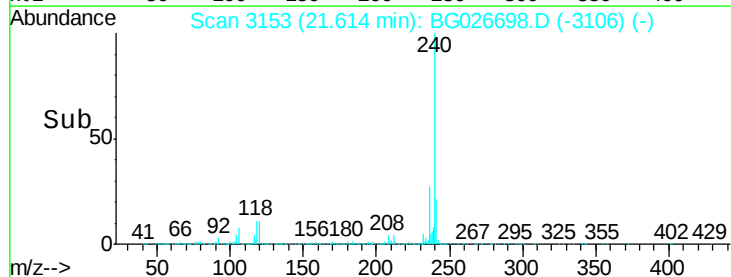
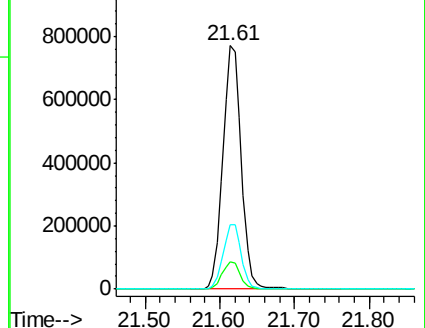
236 26.6 22.2 33.4

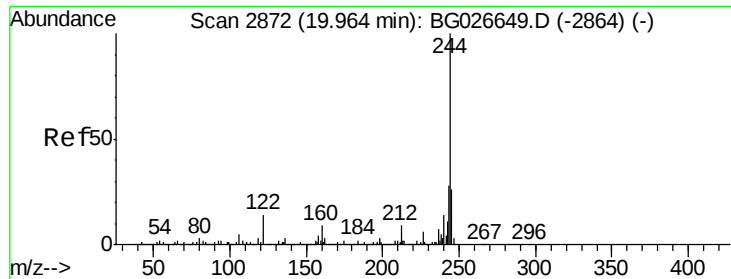


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.82 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026698.D

Acq: 21 Apr 2017 22:49

Instrument :

BNA_G

ClientSampleId :

HW-10-42017

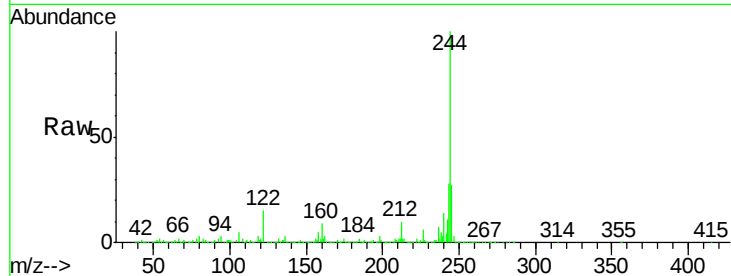
Tot Ion:244 Resp: 3471862

Ion Ratio Lower Upper

244 100

212 9.5 10.0 15.0#

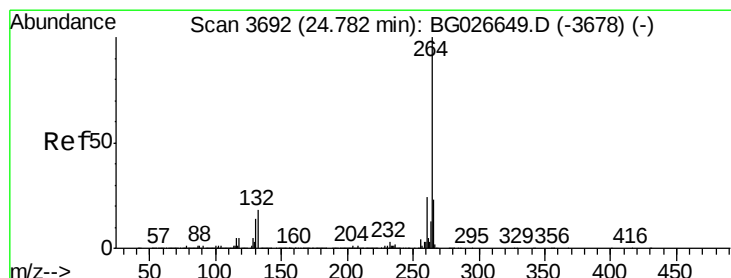
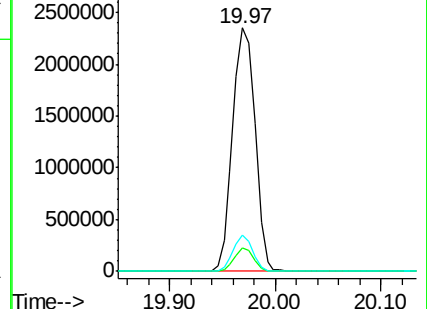
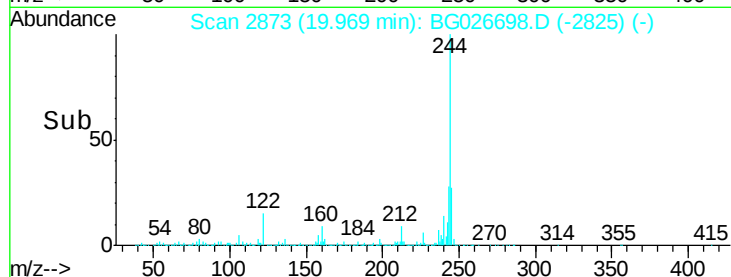
122 14.8 8.6 12.8#



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: 24.79 min Scan# 3693

Delta R.T. -0.03 min

Lab File: BG026698.D

Acq: 21 Apr 2017 22:49

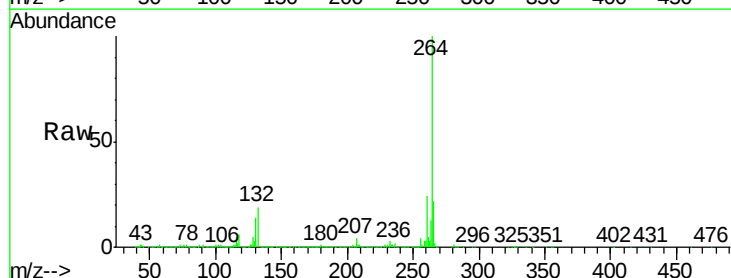
Tgt Ion:264 Resp: 1297977

Ion Ratio Lower Upper

264 100

260 24.1 21.8 32.8

265 22.4 18.2 27.4



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

