

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
 Data File : BG017940.D
 Acq On : 17 Jul 2015 23:53
 Operator : TP/UM
 Sample : G2966-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEMW2-20

Quant Time: Jul 18 02:33:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

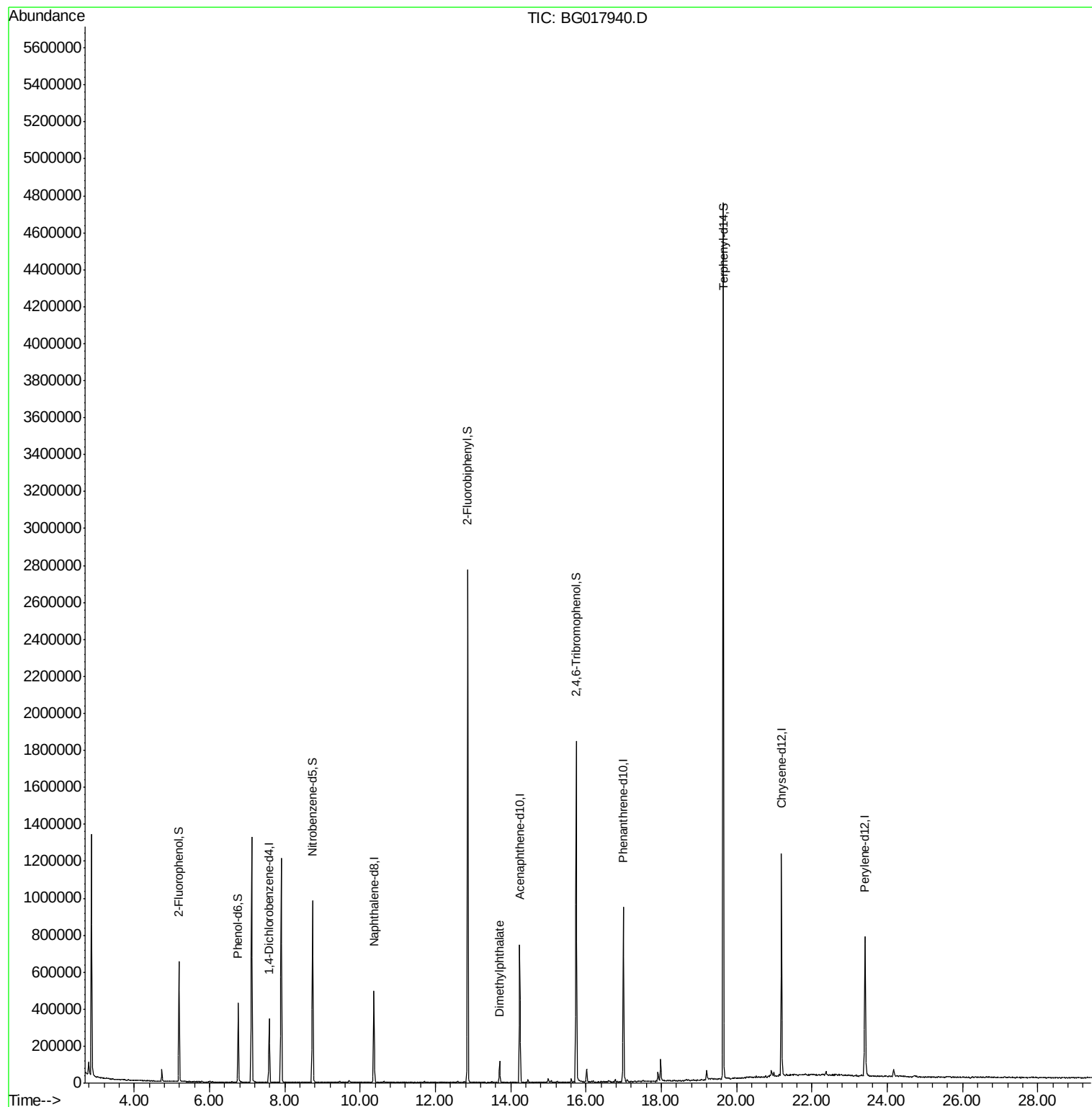
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	90362	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	409974	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	252231	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	524307	20.00	ng	0.00
75) Chrysene-d12	21.20	240	521906	20.00	ng	0.00
86) Perylene-d12	23.41	264	510399	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	284850	54.99	ng	0.00
7) Phenol-d6	6.76	99	240769	35.48	ng	0.00
23) Nitrobenzene-d5	8.73	82	553406	87.43	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	319128	124.88	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1344840	92.40	ng	0.00
78) Terphenyl-d14	19.65	244	1838361	88.73	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.71	163	71124	4.06	ng	97
64) 4,6-Dinitro-2-methylphenol	15.40	198	55	Below Cal	#	31
69) Pentachlorophenol	16.63	266	55	Below Cal	#	18

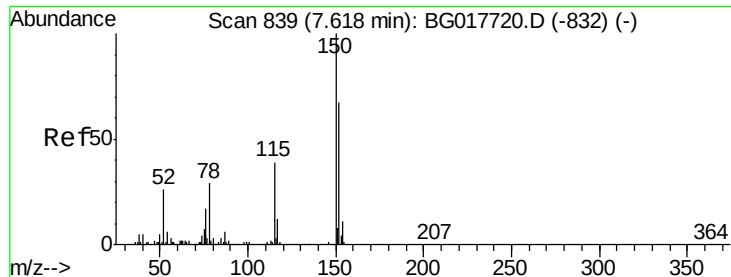
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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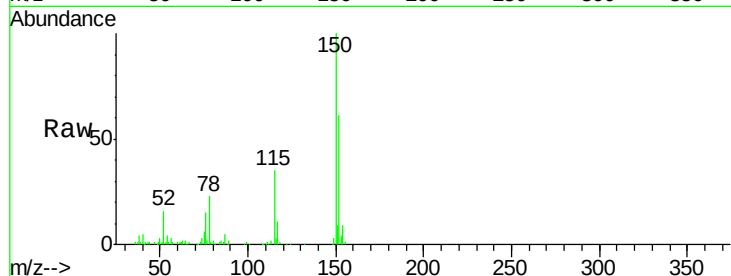


#1

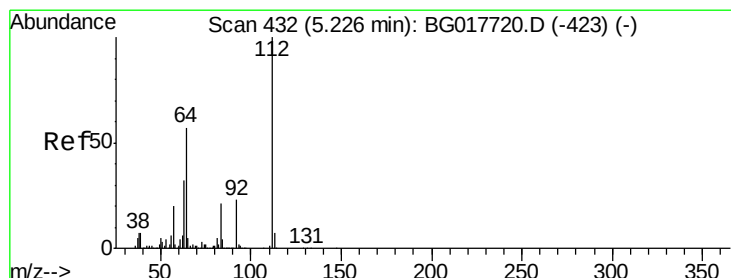
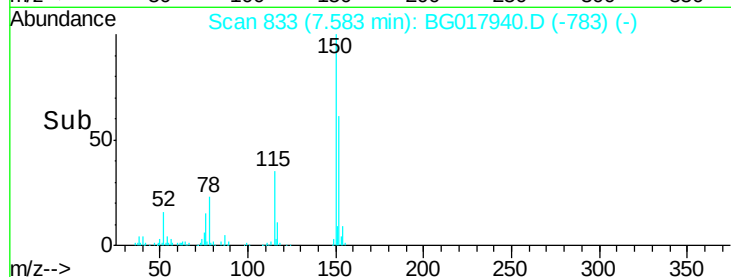
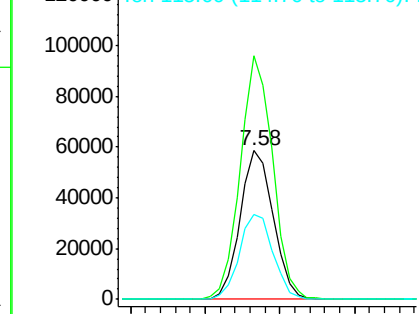
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.58 min Scan# 833
Delta R.T. -0.01 min
Lab File: BG017940.D
Acq: 17 Jul 2015 23:53

Instrument :
BNA_G
ClientSampleId :
TEMW2-20

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.9	119.1	178.7
115	57.2	47.0	70.4



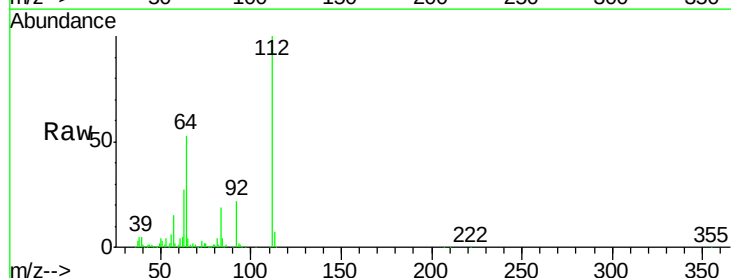
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



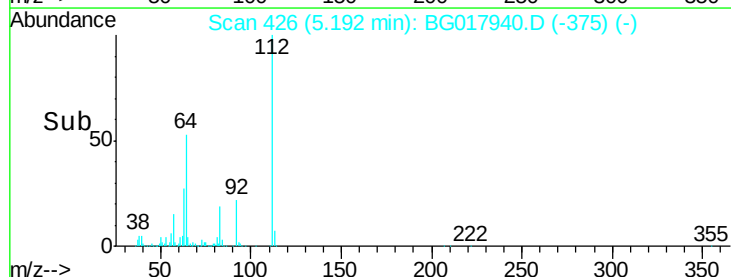
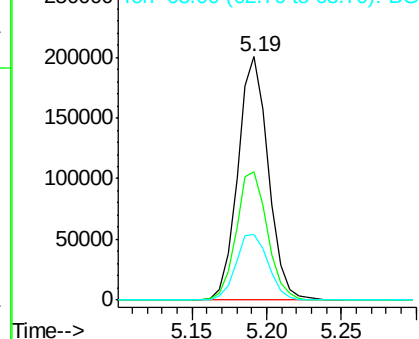
#5

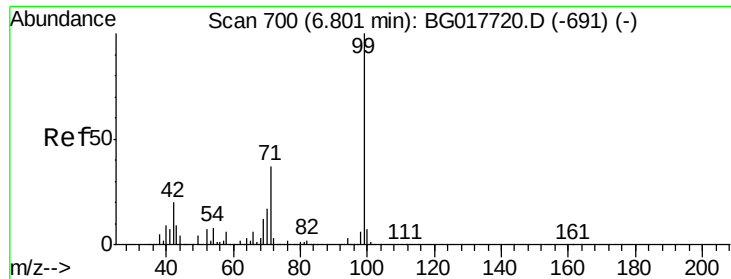
2-Fluorophenol
Concen: 54.99 ng
RT: 5.19 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG017940.D
Acq: 17 Jul 2015 23:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	45.4	68.0
63	26.8	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: 35.48 ng

RT: 6.76 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG017940.D

Acq: 17 Jul 2015 23:53

Instrument :

BNA_G

ClientSampleId :

TEMW2-20

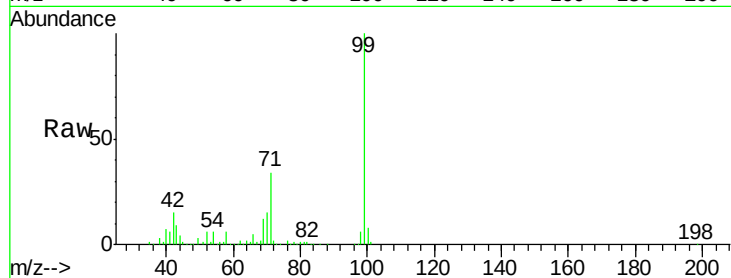
Tgt Ion: 99 Resp: 240769

Ion Ratio Lower Upper

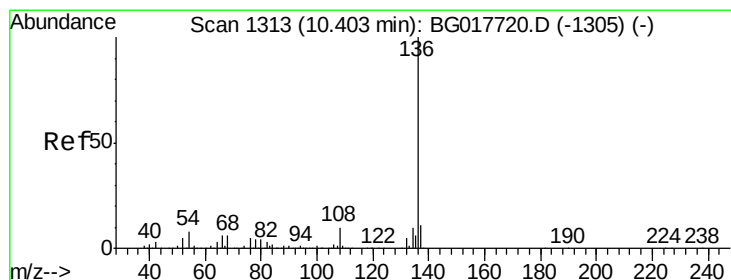
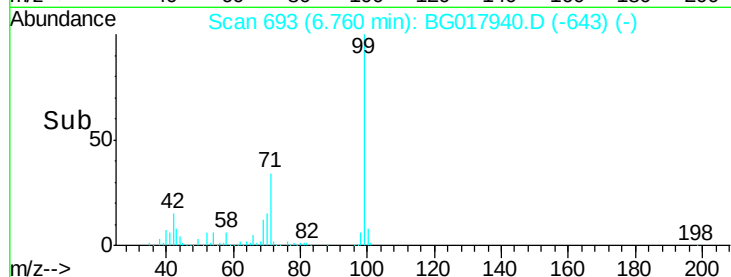
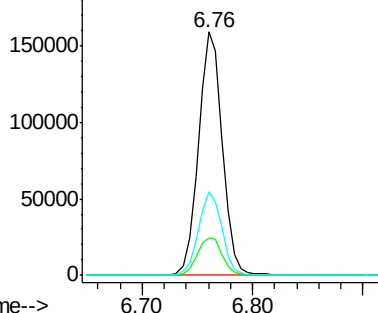
99 100

42 15.2 16.2 24.4#

71 34.5 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: 10.36 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG017940.D

Acq: 17 Jul 2015 23:53

Tgt Ion: 136 Resp: 409974

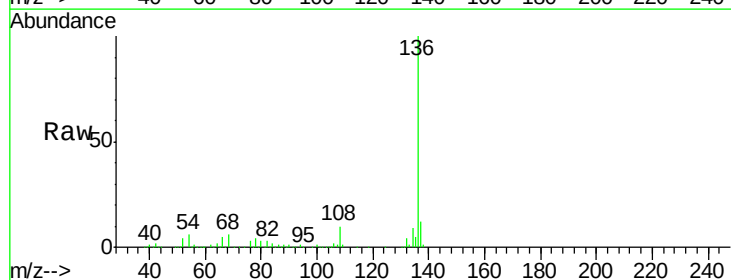
Ion Ratio Lower Upper

136 100

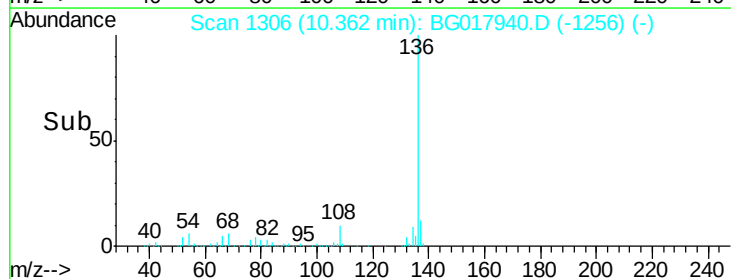
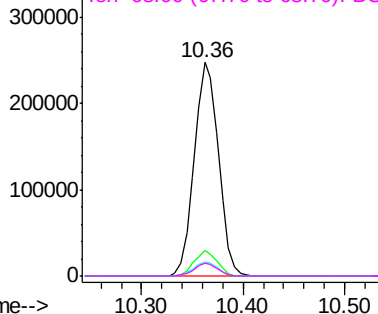
137 11.8 8.8 13.2

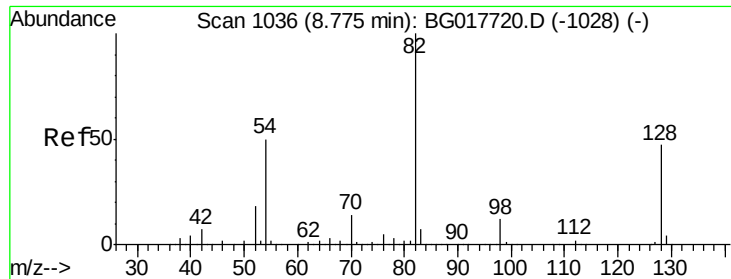
54 6.5 6.6 9.8#

68 5.8 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

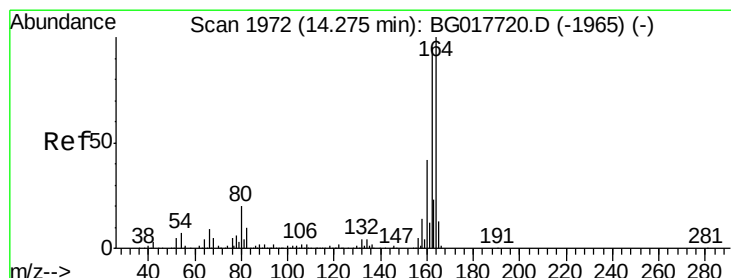
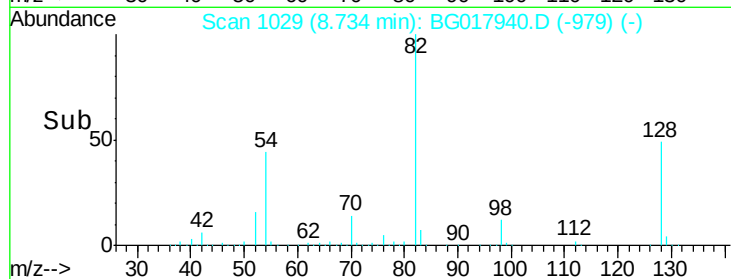
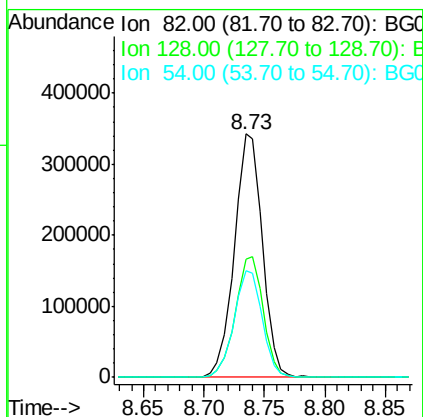
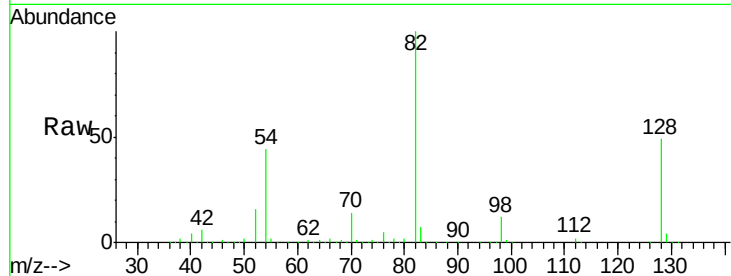




#23
 Nitrobenzene-d5
 Concen: 87.43 ng
 RT: 8.73 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG017940.D
 Acq: 17 Jul 2015 23:53

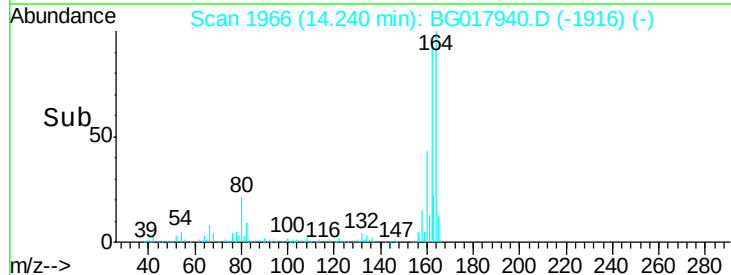
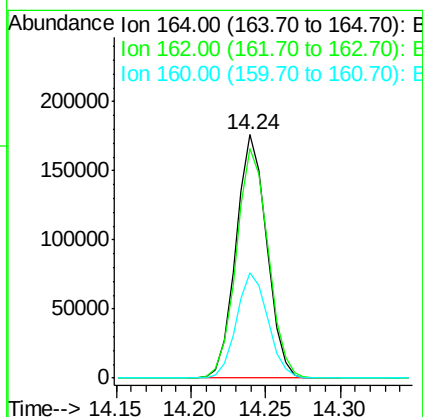
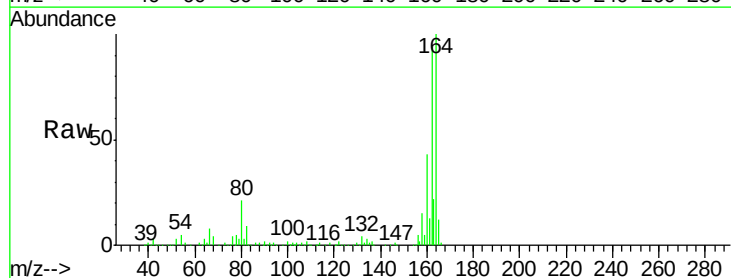
Instrument :
 BNA_G
 ClientSampleId :
 TEMW2-20

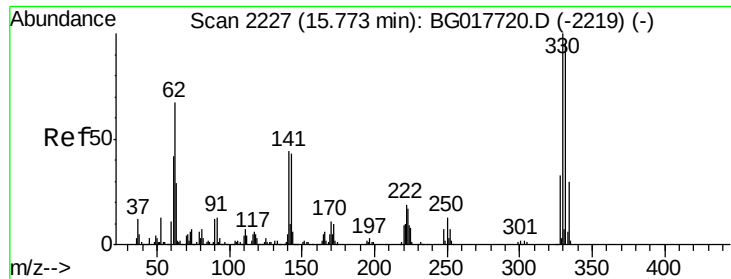
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.8	37.8	56.6
54	43.6	39.9	59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG017940.D
 Acq: 17 Jul 2015 23:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.4	76.3	114.5
160	43.1	33.7	50.5

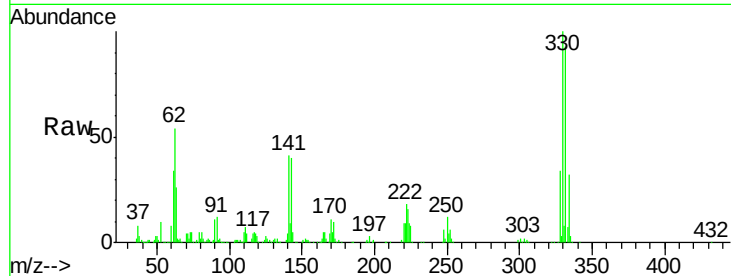




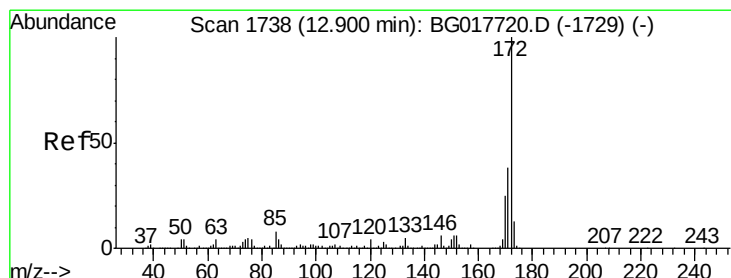
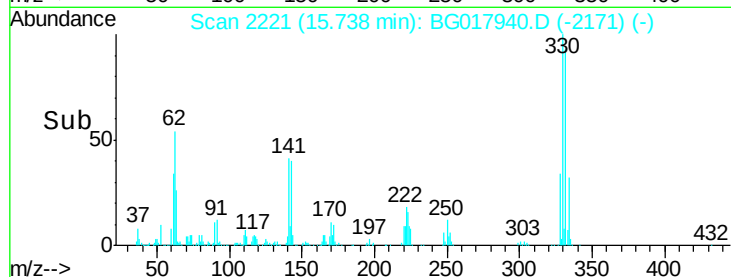
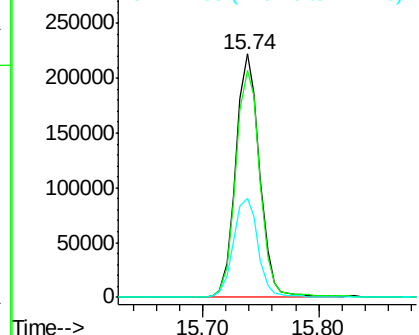
#41
 2,4,6-Tribromophenol
 Concen: 124.88 ng
 RT: 15.74 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG017940.D
 Acq: 17 Jul 2015 23:53

Instrument :
 BNA_G
 ClientSampleId :
 TEMW2-20

Tgt Ion:330 Resp: 319128
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.8 115.2
 141 42.0 38.0 57.0

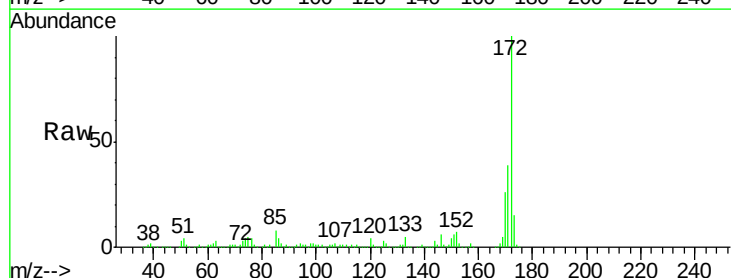


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

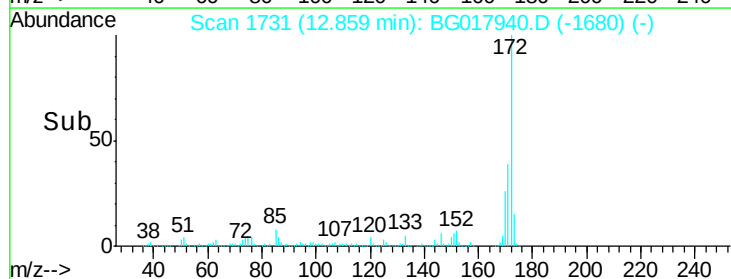
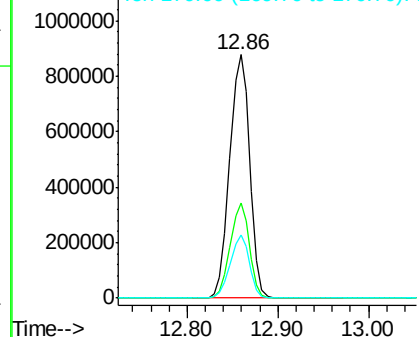


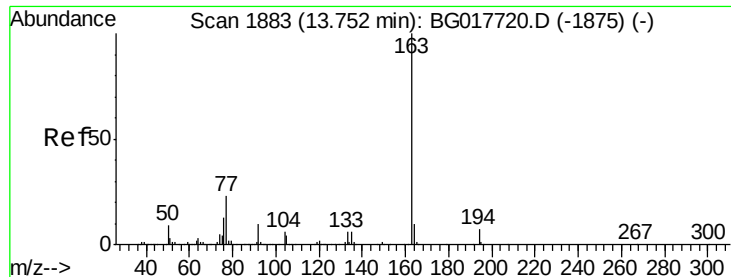
#44
 2-Fluorobiphenyl
 Concen: 92.40 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG017940.D
 Acq: 17 Jul 2015 23:53

Tgt Ion:172 Resp: 1344840
 Ion Ratio Lower Upper
 172 100
 171 39.2 30.7 46.1
 170 26.1 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.06 ng

RT: 13.71 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG017940.D

Acq: 17 Jul 2015 23:53

Instrument :

BNA_G

ClientSampleId :

TEMW2-20

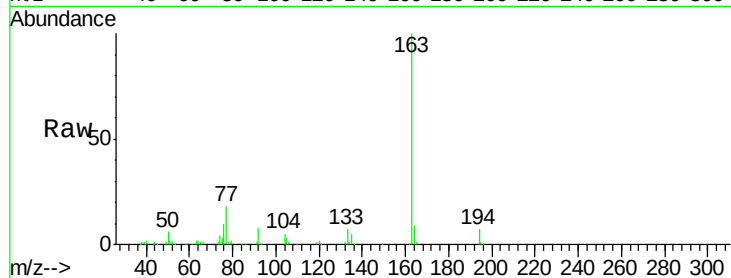
Tgt Ion:163 Resp: 71124

Ion Ratio Lower Upper

163 100

194 6.5 5.8 8.6

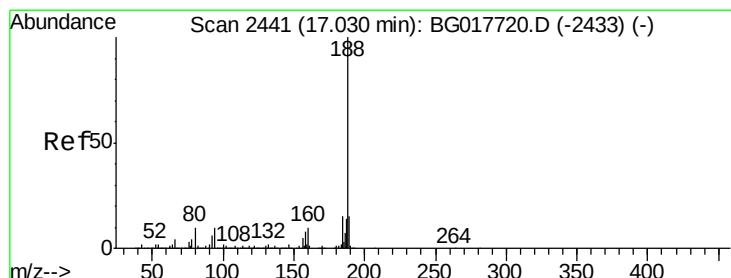
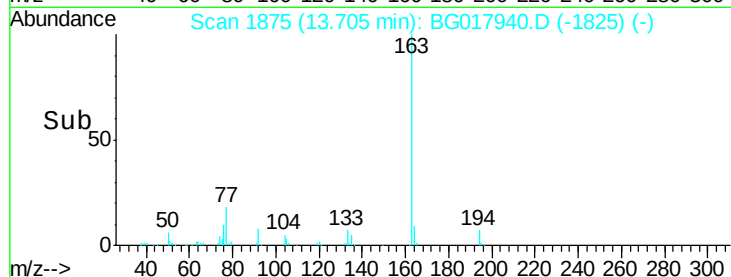
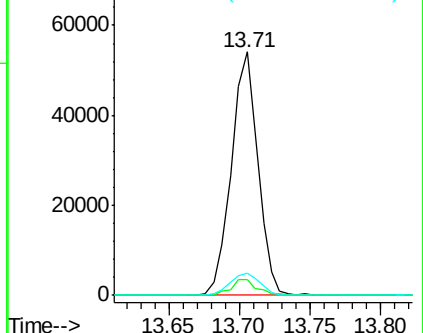
164 9.1 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.00 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG017940.D

Acq: 17 Jul 2015 23:53

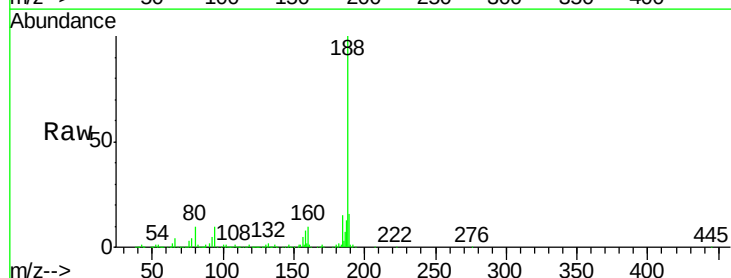
Tgt Ion:188 Resp: 524307

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.2

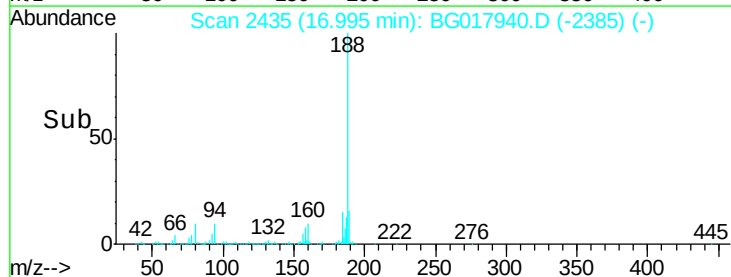
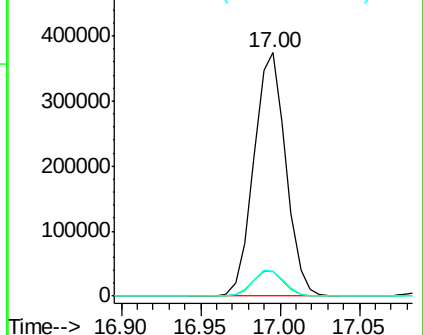
80 10.1 8.2 12.4

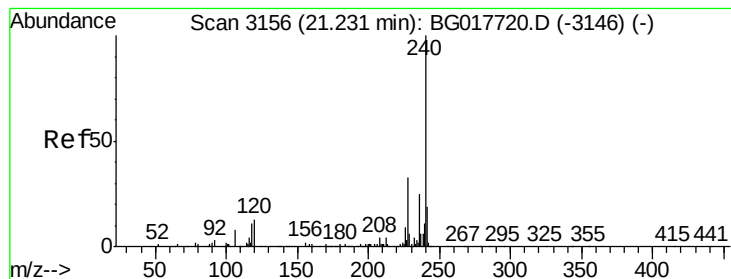


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.20 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG017940.D

Acq: 17 Jul 2015 23:53

Instrument :

BNA_G

ClientSampled :

TEMW2-20

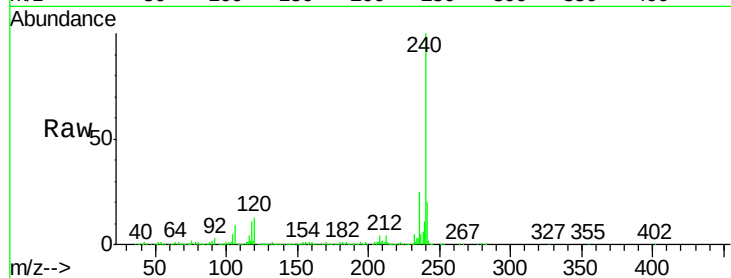
Tgt Ion:240 Resp: 521906

Ion Ratio Lower Upper

240 100

120 12.6 10.8 16.2

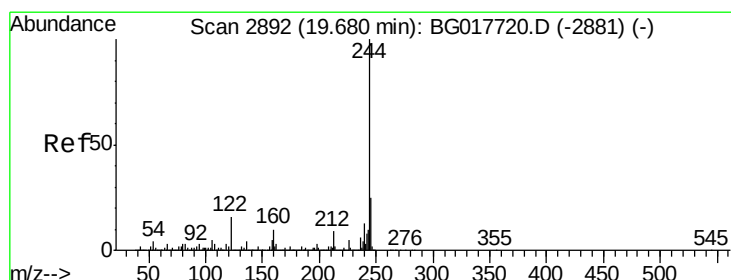
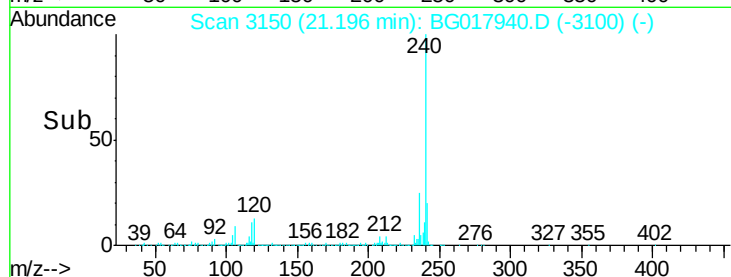
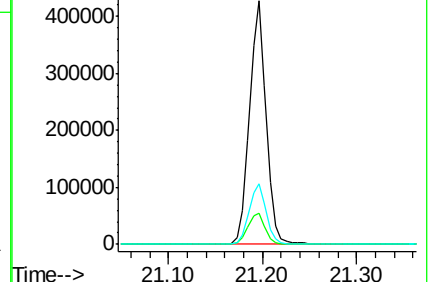
236 25.1 20.0 30.0



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: 88.73 ng

RT: 19.65 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG017940.D

Acq: 17 Jul 2015 23:53

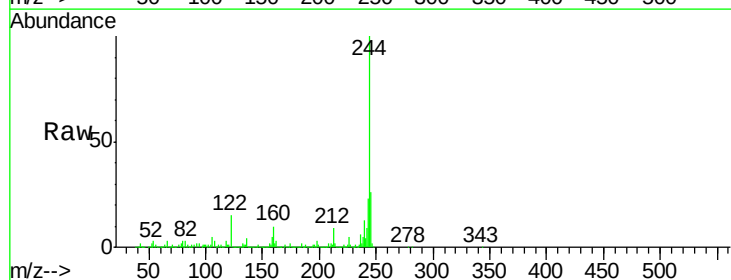
Tgt Ion:244 Resp: 1838361

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

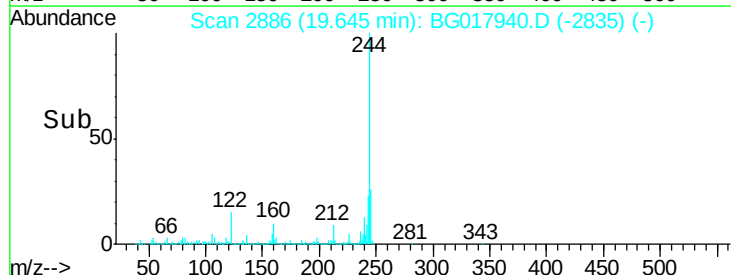
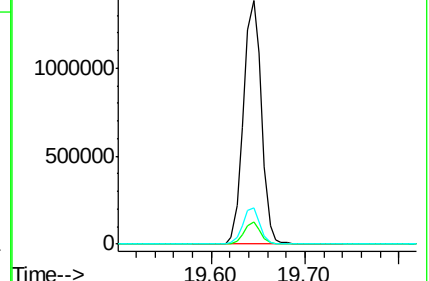
122 15.0 12.8 19.2

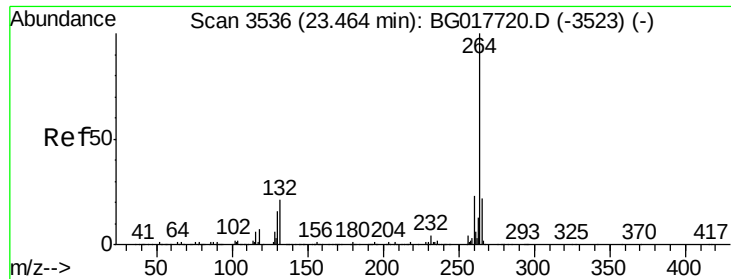


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

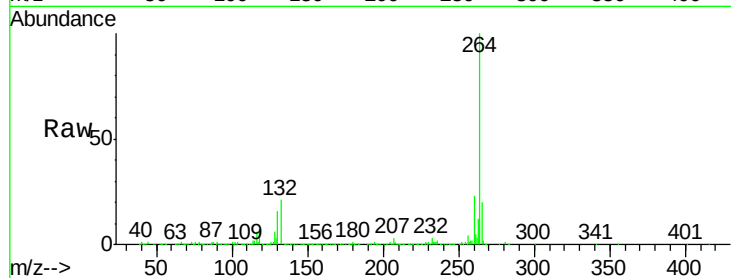




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.41 min Scan# 3527
Delta R.T. -0.01 min
Lab File: BG017940.D
Acq: 17 Jul 2015 23:53

Instrument :
BNA_G
ClientSampleId :
TEMW2-20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	20.3	18.2	27.2



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

