

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
 Data File : BG017943.D
 Acq On : 18 Jul 2015 1:37
 Operator : TP/UM
 Sample : G2966-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-35

Quant Time: Jul 18 02:34:33 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

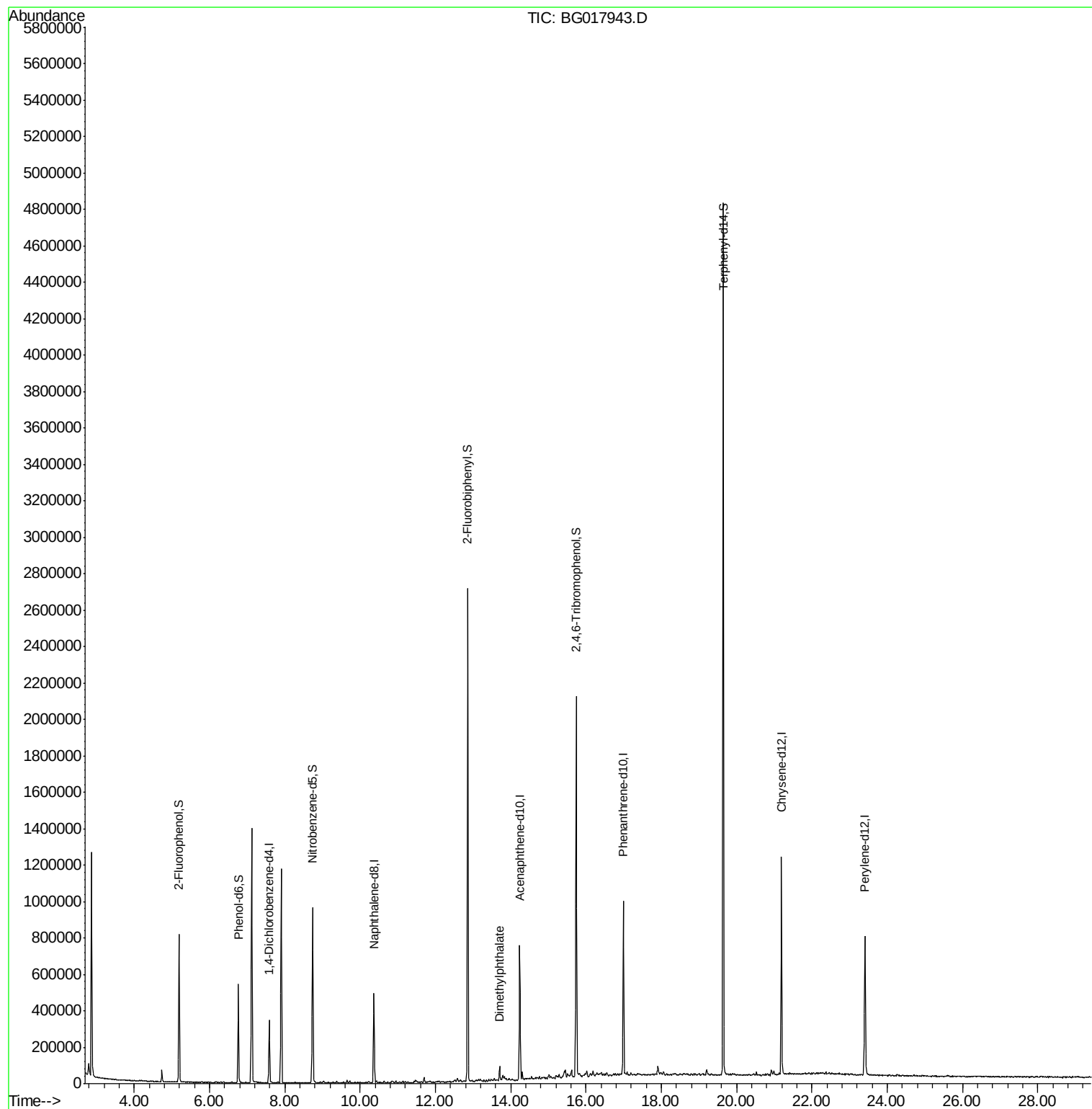
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	94263	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	409343	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	249732	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	529799	20.00	ng	0.00
75) Chrysene-d12	21.20	240	542612	20.00	ng	0.00
86) Perylene-d12	23.41	264	524773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	351341	65.02	ng	0.00
7) Phenol-d6	6.77	99	316465	44.70	ng	0.00
23) Nitrobenzene-d5	8.74	82	549110	86.88	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	352059	139.15	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1281714	88.94	ng	0.00
78) Terphenyl-d14	19.64	244	1868706	86.75	ng	0.00
Target Compounds						
32) Benzoic acid	9.81	122	77	Below Cal	#	25
49) Dimethylphthalate	13.70	163	45305	2.61	ng	98
53) 2,4-Dinitrophenol	14.54	184	661	Below Cal	#	49
64) 4,6-Dinitro-2-methylphenol	15.44	198	1480	Below Cal		93

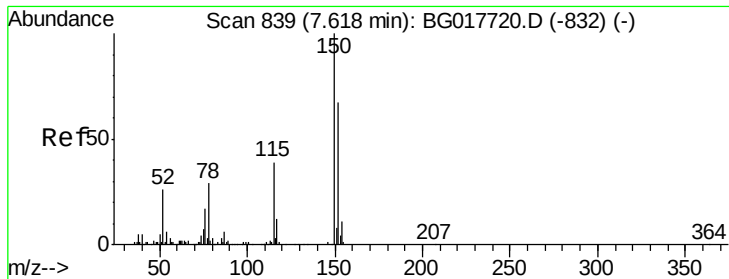
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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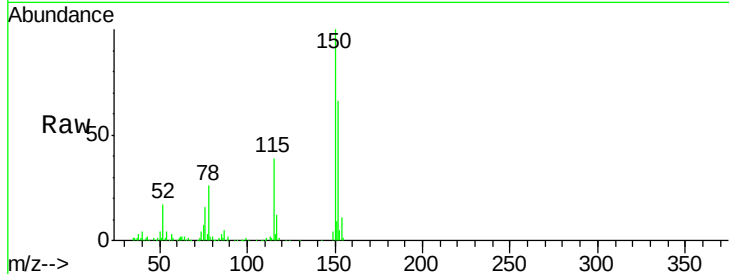


#1

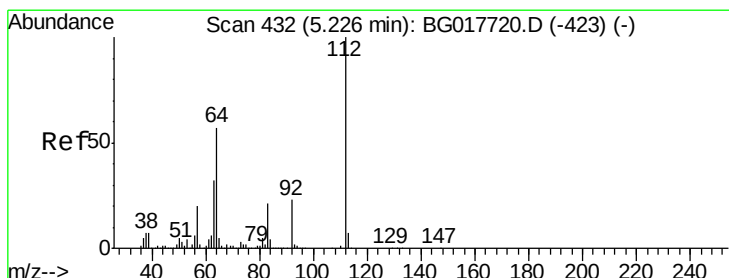
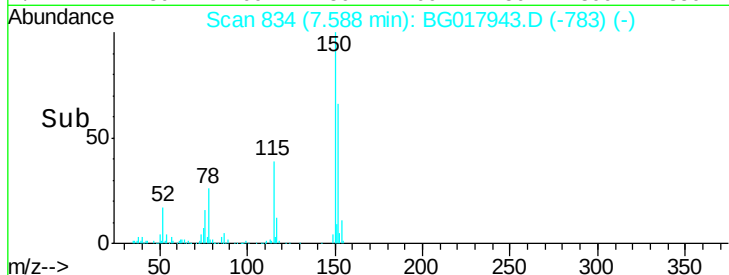
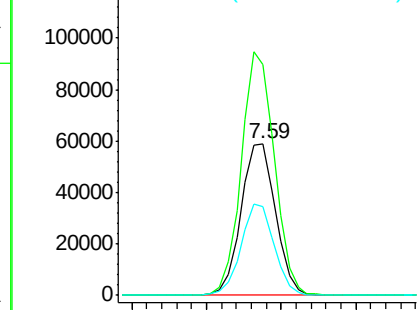
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG017943.D
Acq: 18 Jul 2015 1:37

Instrument :
BNA_G
ClientSampleId :
MW-35

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.3	119.1	178.7
115	58.7	47.0	70.4



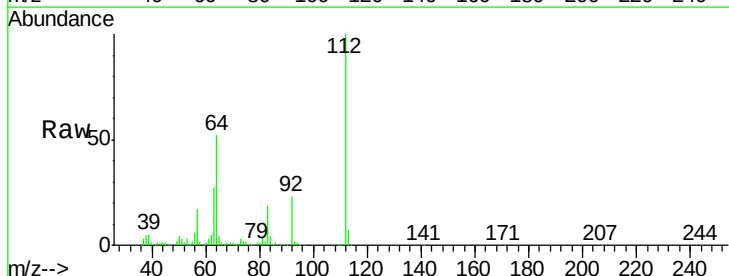
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



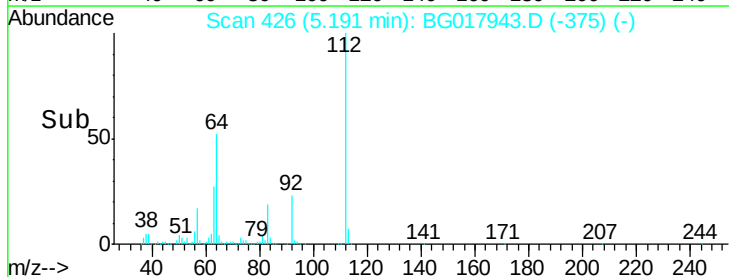
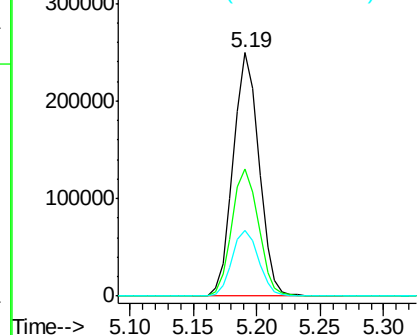
#5

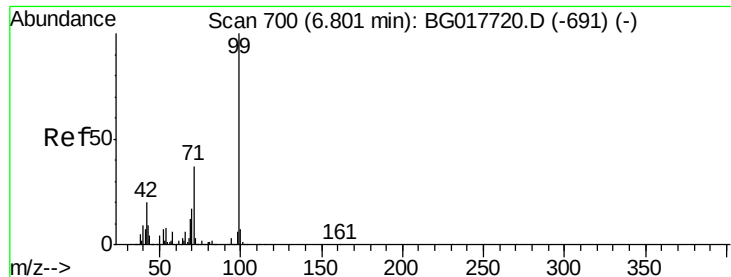
2-Fluorophenol
Concen: 65.02 ng
RT: 5.19 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG017943.D
Acq: 18 Jul 2015 1:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	45.4	68.0
63	27.1	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: 44.70 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG017943.D

Acq: 18 Jul 2015 1:37

Instrument :

BNA_G

ClientSampleId :

MW-35

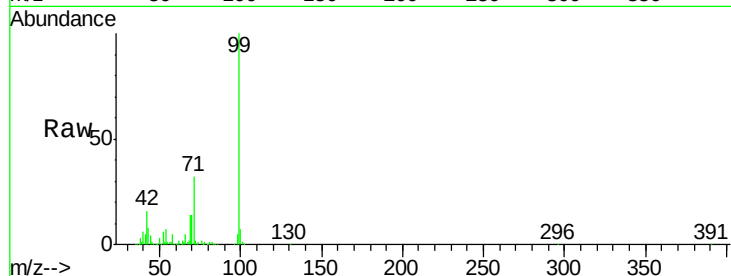
Tgt Ion: 99 Resp: 316465

Ion Ratio Lower Upper

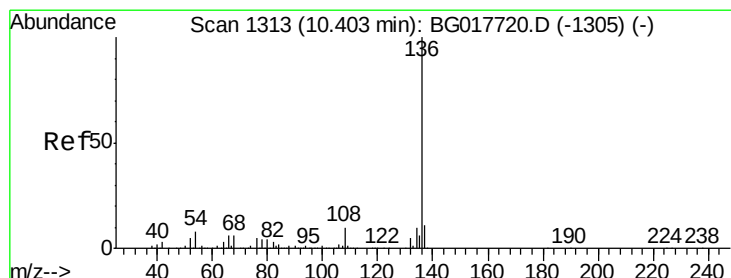
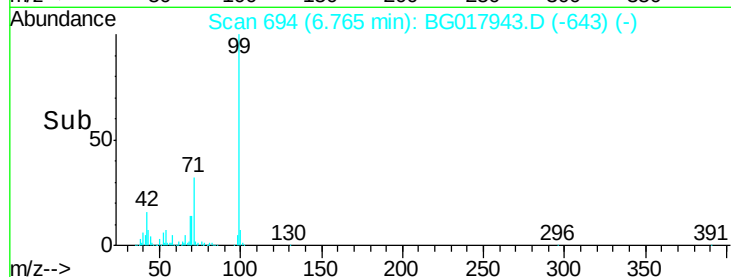
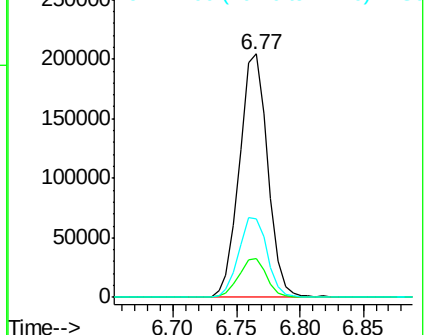
99 100

42 16.0 16.2 24.4#

71 32.1 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: 10.36 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG017943.D

Acq: 18 Jul 2015 1:37

Tgt Ion: 136 Resp: 409343

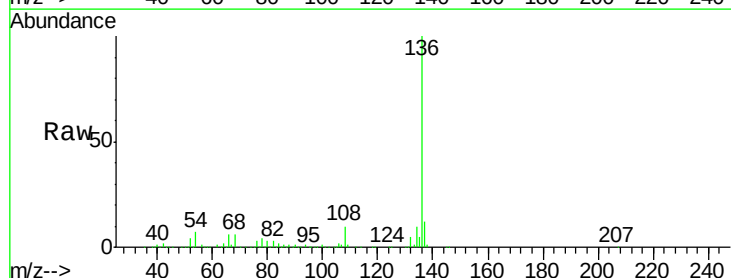
Ion Ratio Lower Upper

136 100

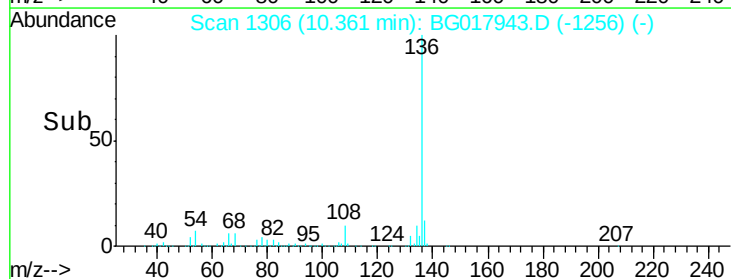
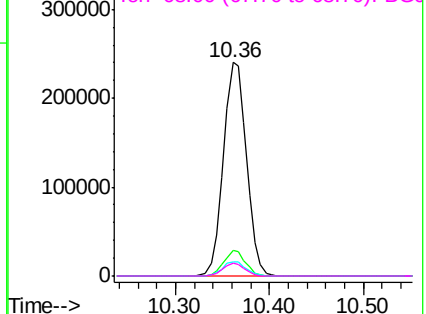
137 12.0 8.8 13.2

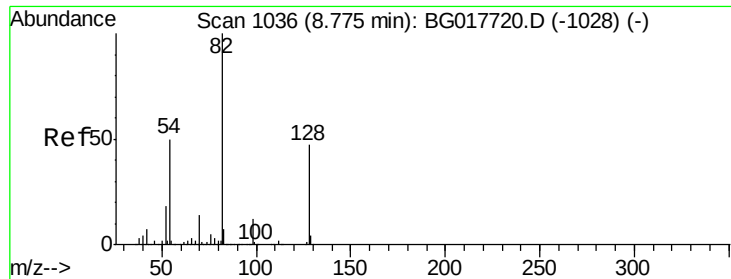
54 6.9 6.6 9.8

68 5.9 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

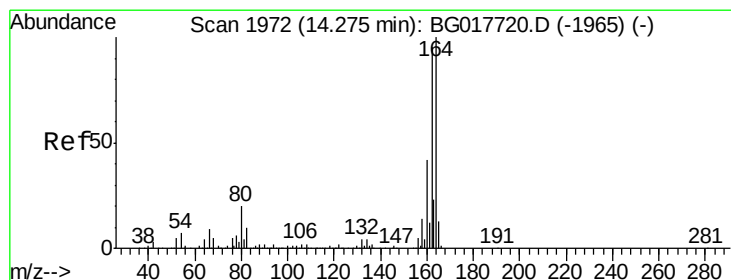
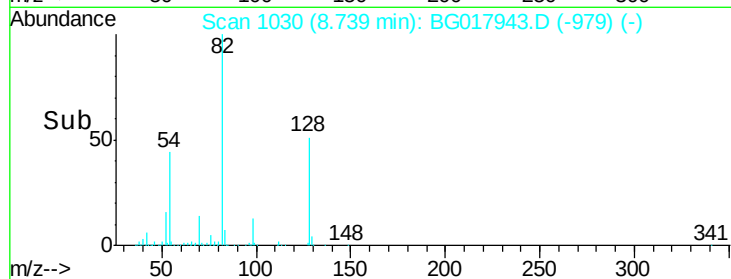
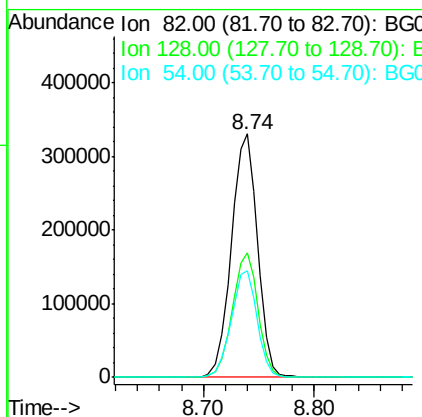
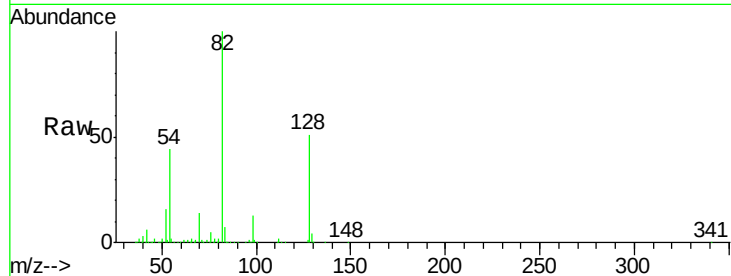




#23
 Nitrobenzene-d5
 Concen: 86.88 ng
 RT: 8.74 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BG017943.D
 Acq: 18 Jul 2015 1:37

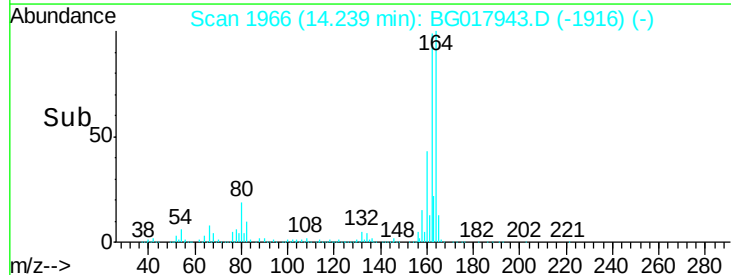
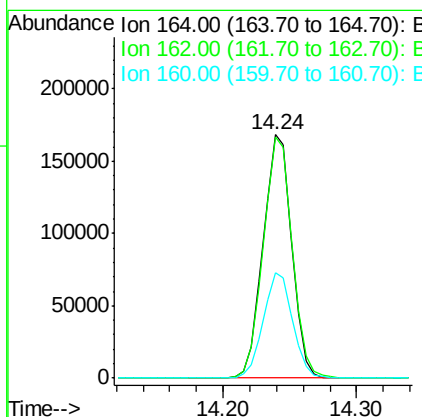
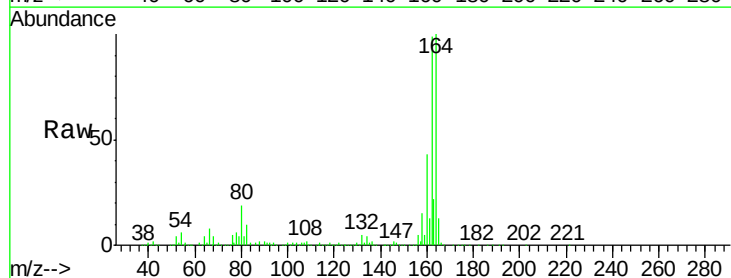
Instrument :
 BNA_G
 ClientSampleId :
 MW-35

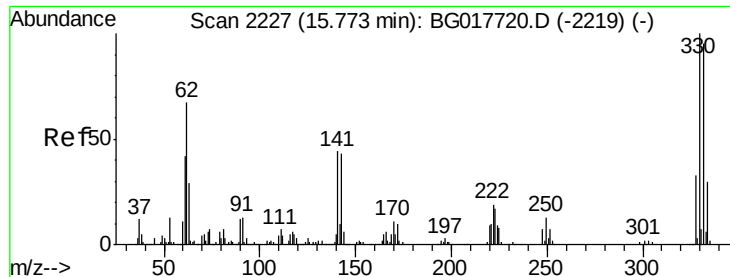
Tgt Ion: 82 Resp: 549110
 Ion Ratio Lower Upper
 82 100
 128 50.9 37.8 56.6
 54 43.8 39.9 59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG017943.D
 Acq: 18 Jul 2015 1:37

Tgt Ion: 164 Resp: 249732
 Ion Ratio Lower Upper
 164 100
 162 98.9 76.3 114.5
 160 43.1 33.7 50.5

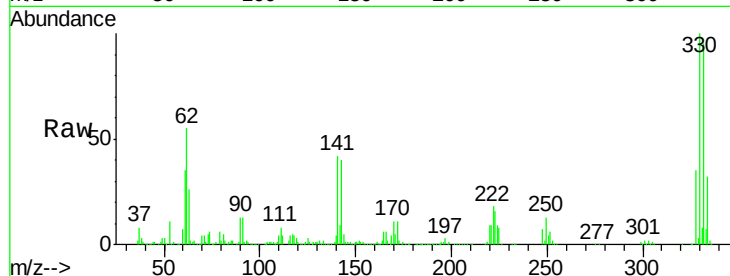




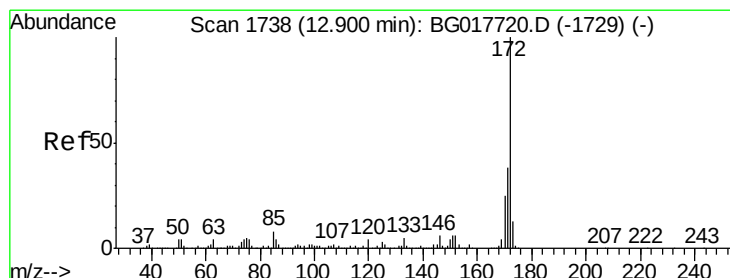
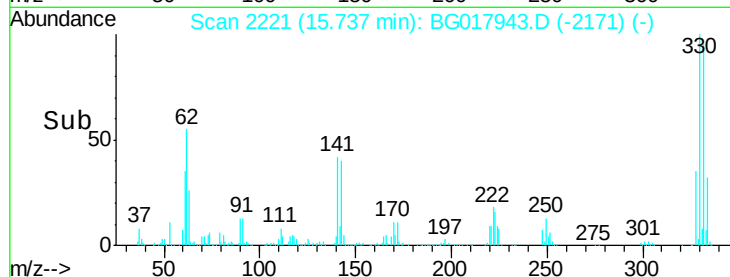
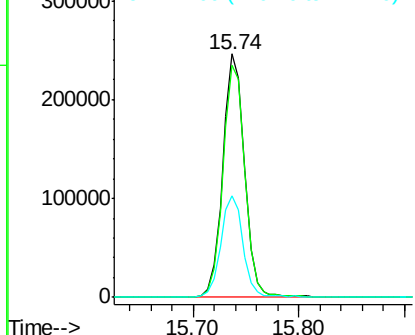
#41
 2,4,6-Tribromophenol
 Concen: 139.15 ng
 RT: 15.74 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG017943.D
 Acq: 18 Jul 2015 1:37

Instrument :
 BNA_G
 ClientSampleId :
 MW-35

Tgt Ion:330 Resp: 352059
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.8 115.2
 141 42.3 38.0 57.0

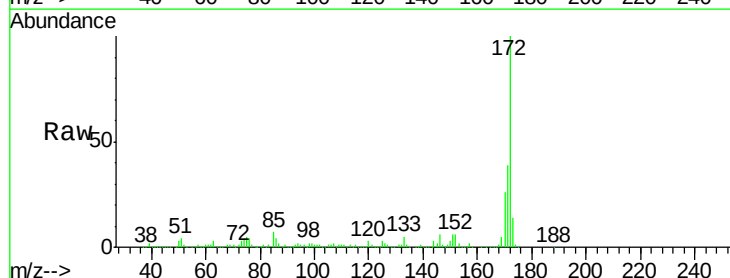


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

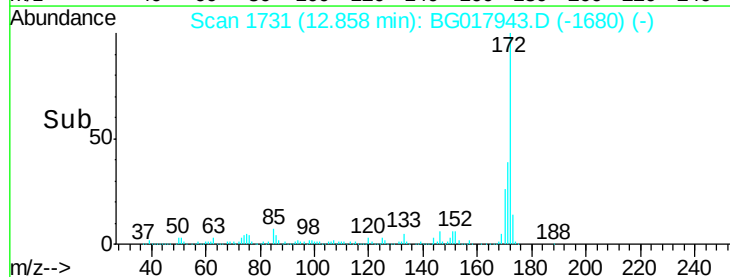
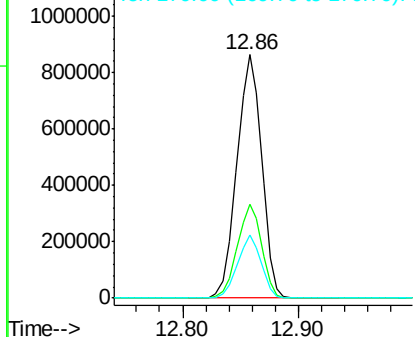


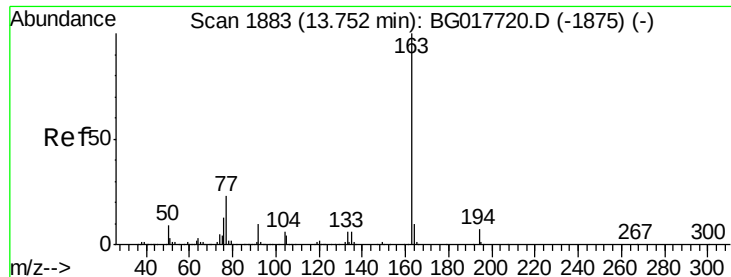
#44
 2-Fluorobiphenyl
 Concen: 88.94 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG017943.D
 Acq: 18 Jul 2015 1:37

Tgt Ion:172 Resp: 1281714
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.7 46.1
 170 26.0 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: 2.61 ng

RT: 13.70 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG017943.D

Acq: 18 Jul 2015 1:37

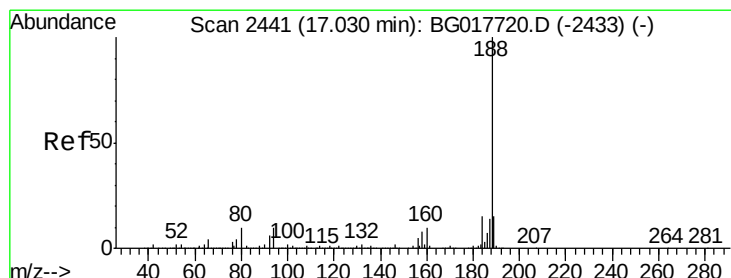
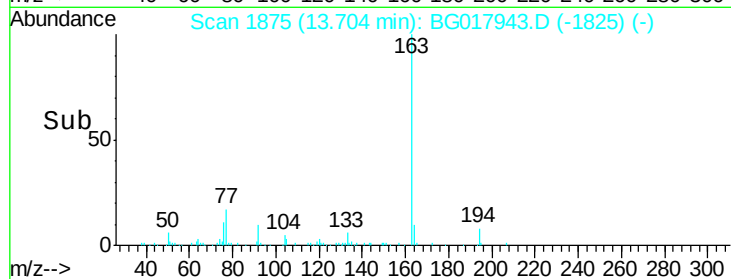
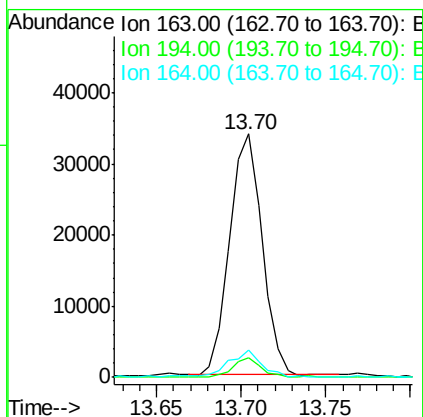
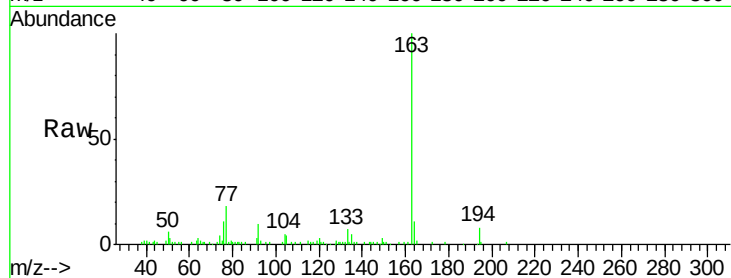
Instrument :

BNA_G

ClientSampleId :

MW-35

Tgt Ion:	163	Resp:	45305
Ion Ratio	Lower	Upper	
163	100		
194	8.0	5.8	8.6
164	11.1	8.3	12.5



#63

Phenanthrene-d10

Concen: 20.00 ng

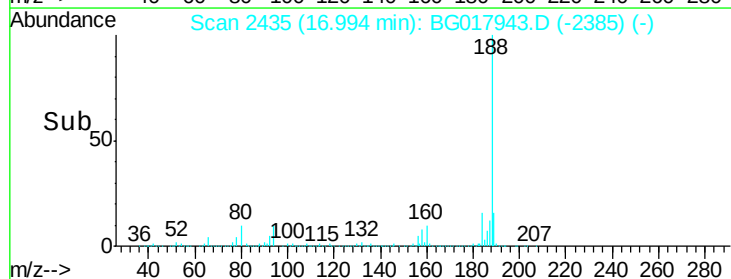
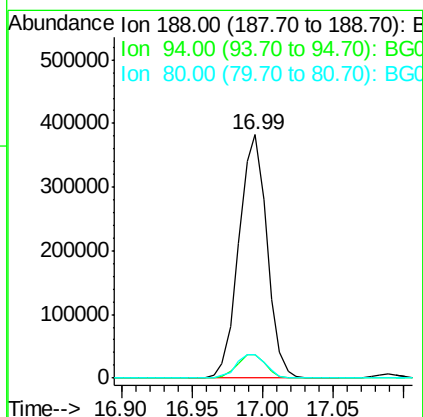
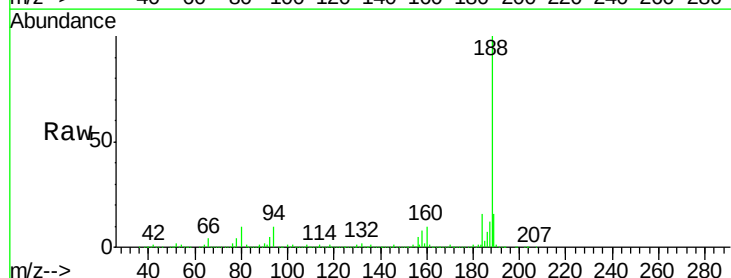
RT: 16.99 min Scan# 2435

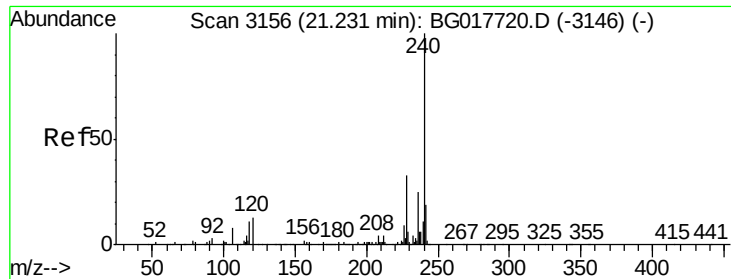
Delta R.T. -0.01 min

Lab File: BG017943.D

Acq: 18 Jul 2015 1:37

Tgt Ion:	188	Resp:	529799
Ion Ratio	Lower	Upper	
188	100		
94	9.7	8.2	12.2
80	9.6	8.2	12.4

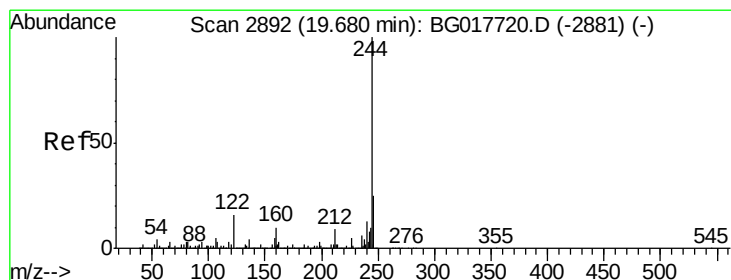
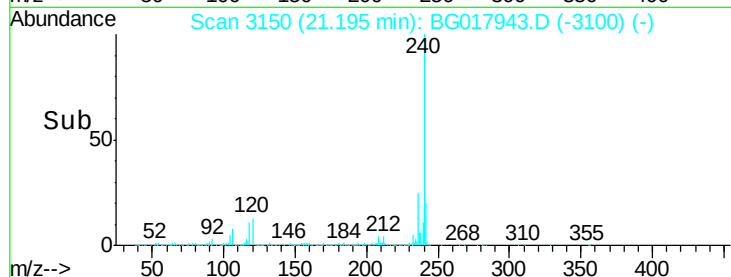
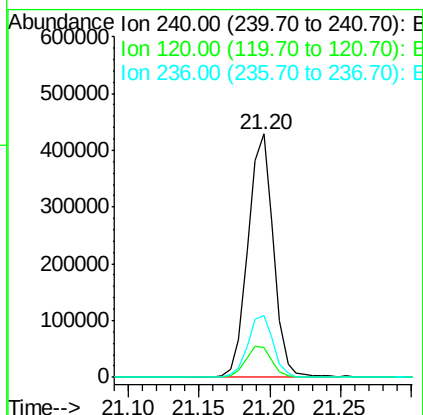
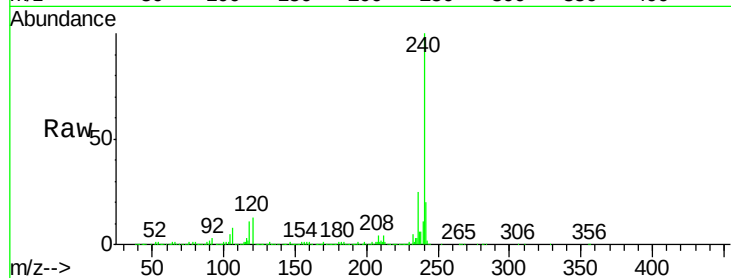




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.20 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG017943.D
Acq: 18 Jul 2015 1:37

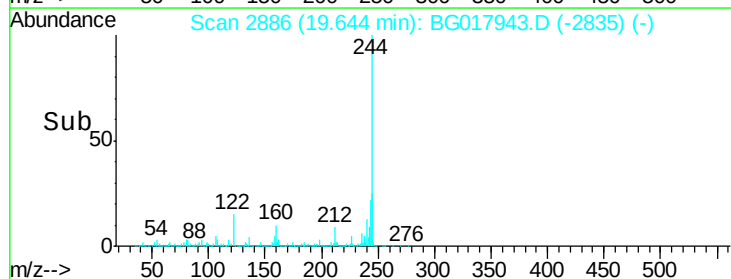
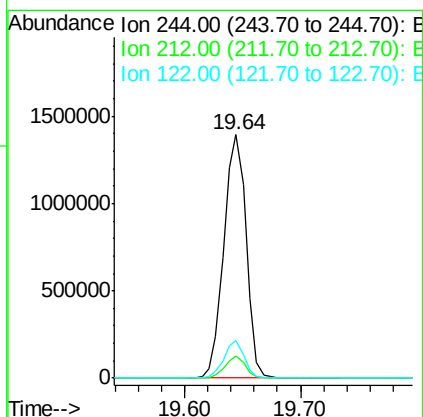
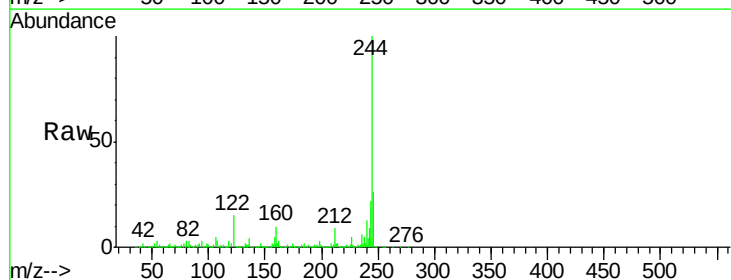
Instrument :
BNA_G
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MW-35

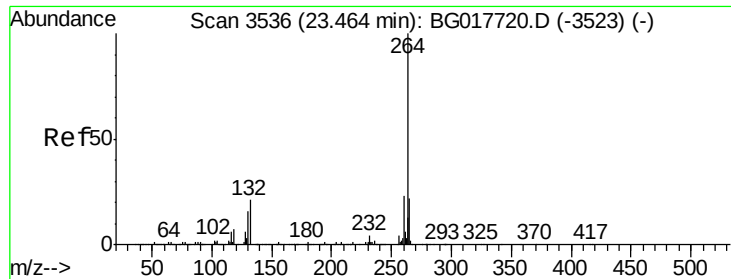
Tgt Ion:240 Resp: 542612
Ion Ratio Lower Upper
240 100
120 12.5 10.8 16.2
236 25.5 20.0 30.0



#78
Terphenyl-d14
Concen: 86.75 ng
RT: 19.64 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG017943.D
Acq: 18 Jul 2015 1:37

Tgt Ion:244 Resp: 1868706
Ion Ratio Lower Upper
244 100
212 8.9 7.2 10.8
122 15.4 12.8 19.2





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.41 min Scan# 3527

Delta R.T. -0.01 min

Lab File: BG017943.D

Acq: 18 Jul 2015 1:37

Instrument :

BNA_G

ClientSampleId :

MW-35

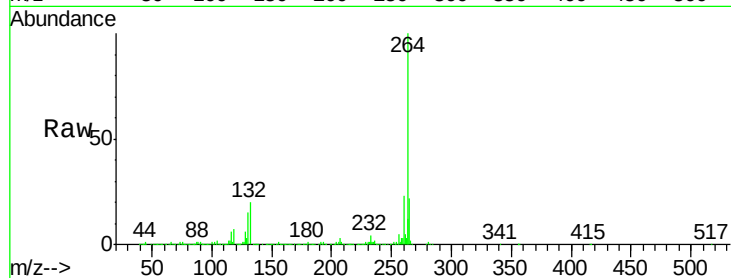
Tgt Ion: 264 Resp: 524773

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 22.5 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

