

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
 Data File : BG017977.D
 Acq On : 20 Jul 2015 3:02
 Operator : TP/UM
 Sample : G2994-28
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-COMP

Quant Time: Jul 20 04:51:11 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	95751	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	410778	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	254799	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	573724	20.00	ng	0.00
75) Chrysene-d12	21.20	240	583481	20.00	ng	0.00
86) Perylene-d12	23.41	264	566937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	660860	120.40	ng	0.00
7) Phenol-d6	6.77	99	794216	110.45	ng	0.00
23) Nitrobenzene-d5	8.74	82	562996	88.77	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	413469	160.17	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1355243	92.17	ng	0.00
78) Terphenyl-d14	19.65	244	2017009	87.08	ng	0.00

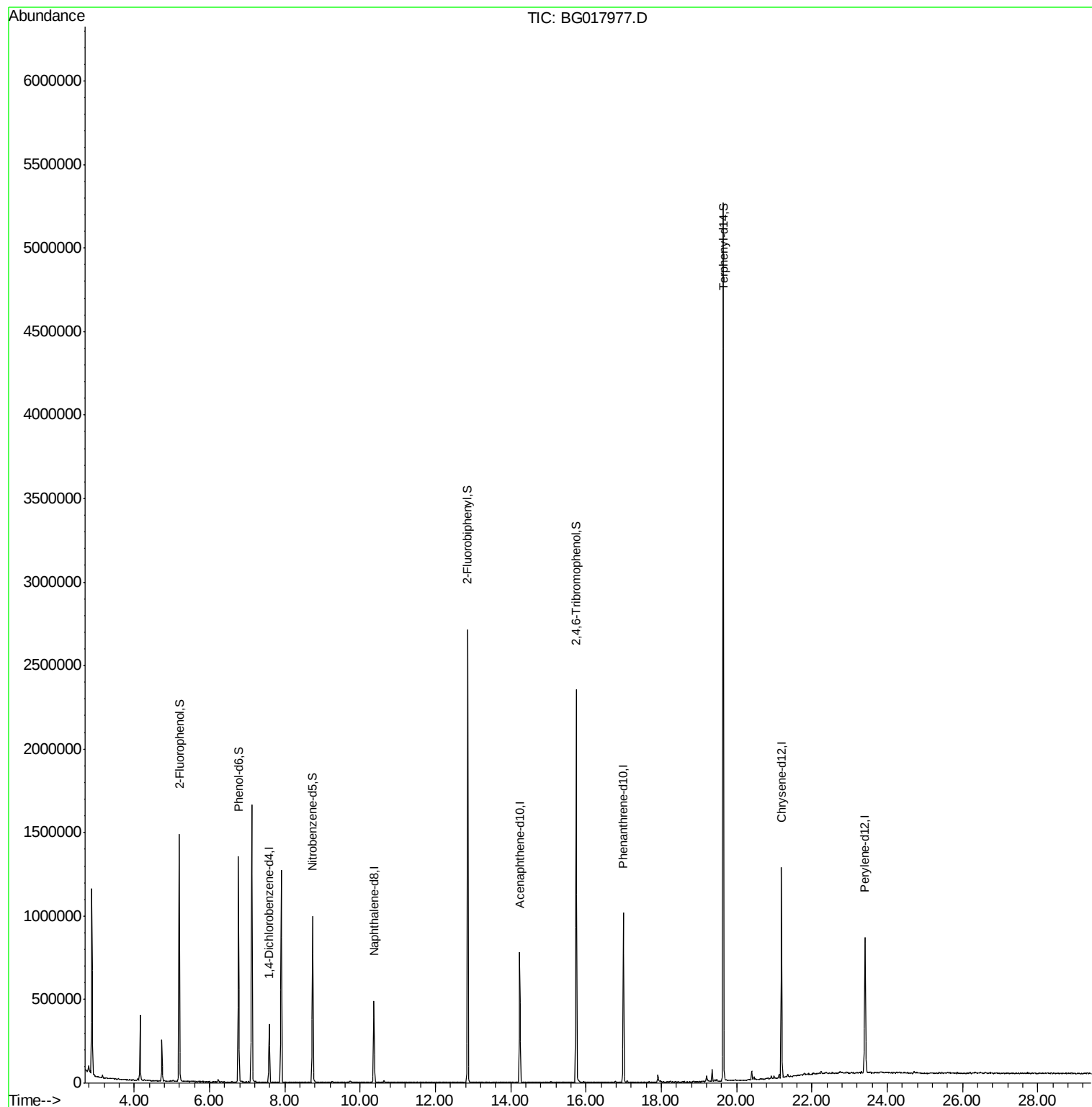
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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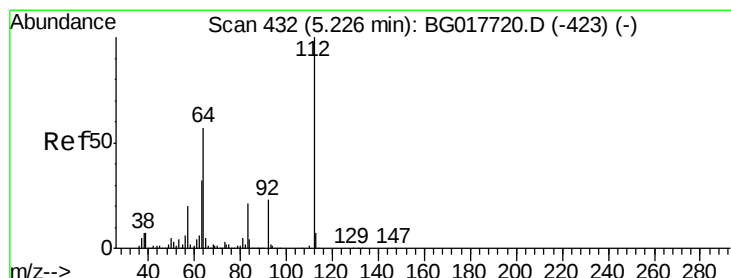
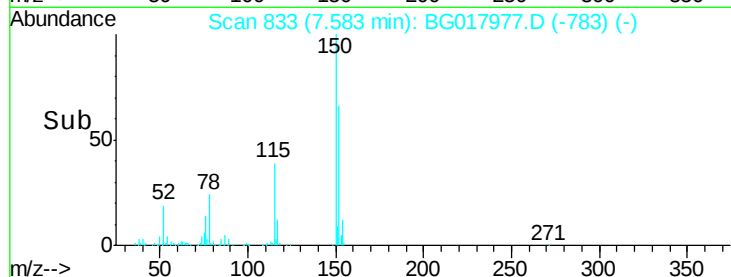
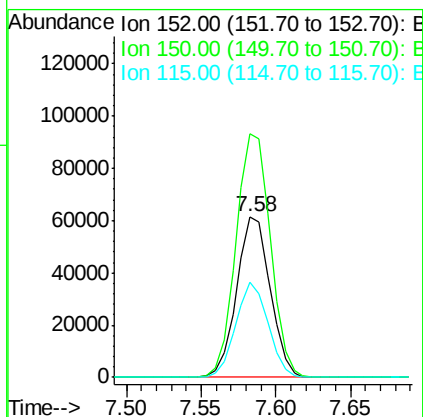
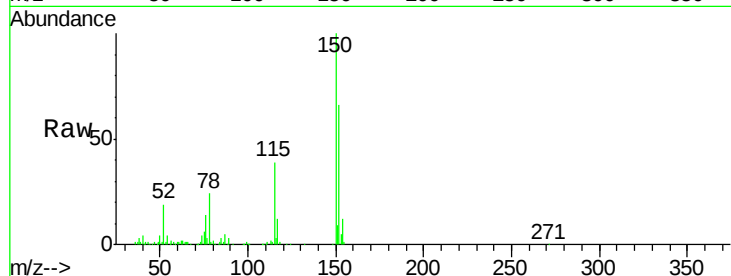


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.58 min Scan# 833
Delta R.T. -0.01 min
Lab File: BG017977.D
Acq: 20 Jul 2015 3:02

Instrument :
BNA_G
ClientSampleId :
TEC-COMP

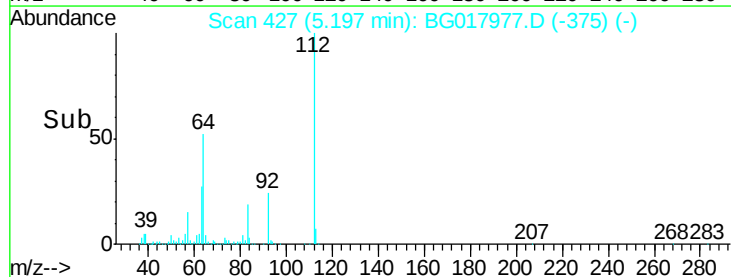
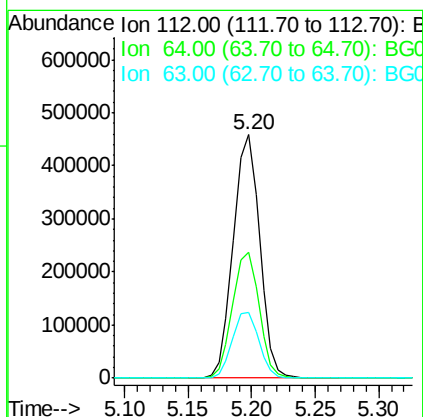
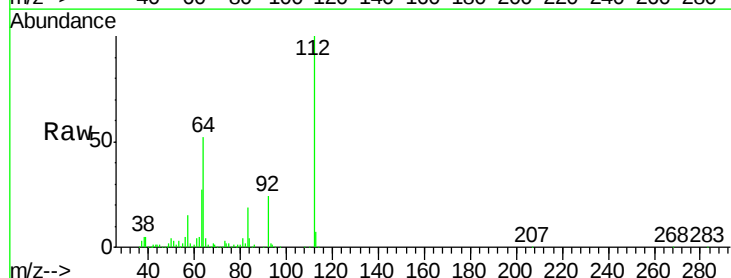
Tgt Ion:152 Resp: 95751
Ion Ratio Lower Upper
152 100
150 151.7 119.1 178.7
115 59.0 47.0 70.4

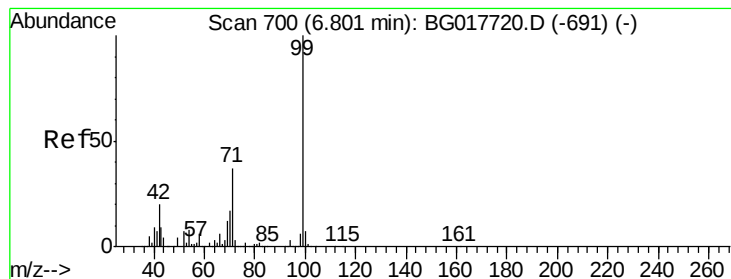


#5

2-Fluorophenol
Concen: 120.40 ng
RT: 5.20 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG017977.D
Acq: 20 Jul 2015 3:02

Tgt Ion:112 Resp: 660860
Ion Ratio Lower Upper
112 100
64 51.5 45.4 68.0
63 27.0 25.3 37.9





#7

Phenol-d6

Concen: 110.45 ng

RT: 6.77 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG017977.D

Acq: 20 Jul 2015 3:02

Instrument :

BNA_G

ClientSampleId :

TEC-COMP

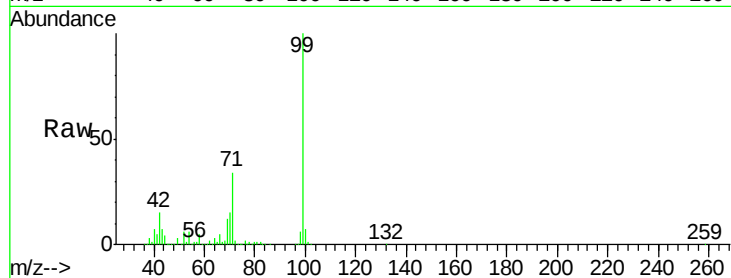
Tgt Ion: 99 Resp: 794216

Ion Ratio Lower Upper

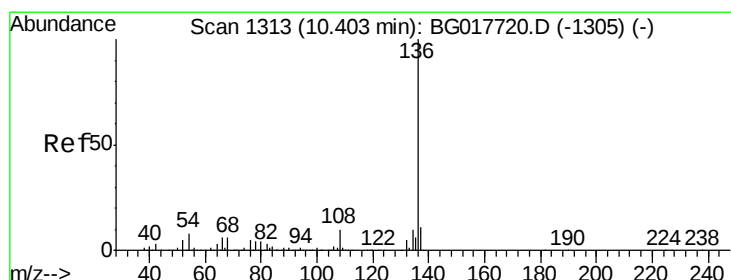
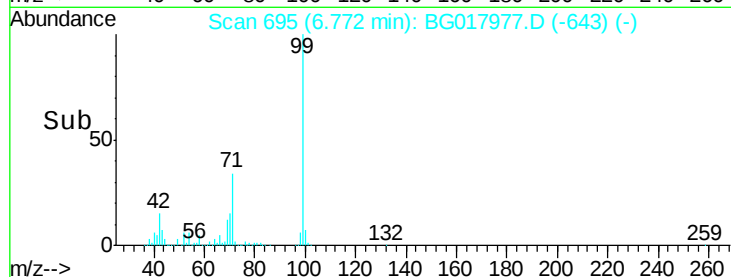
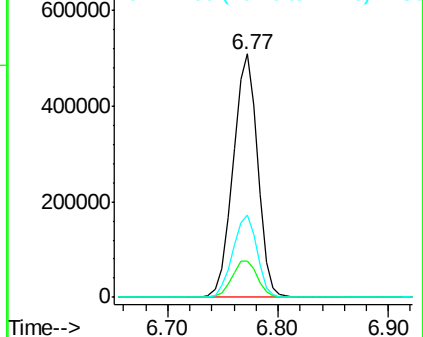
99 100

42 15.2 16.2 24.4#

71 34.0 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: BG017977.D

Acq: 20 Jul 2015 3:02

Tgt Ion: 136 Resp: 410778

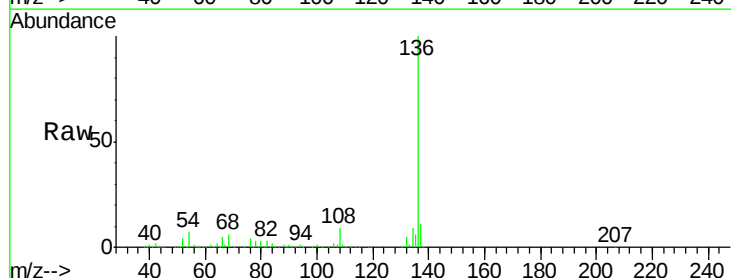
Ion Ratio Lower Upper

136 100

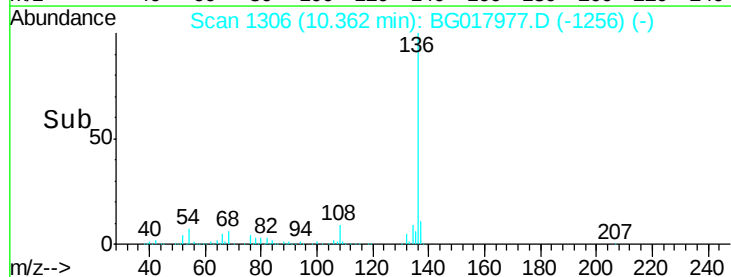
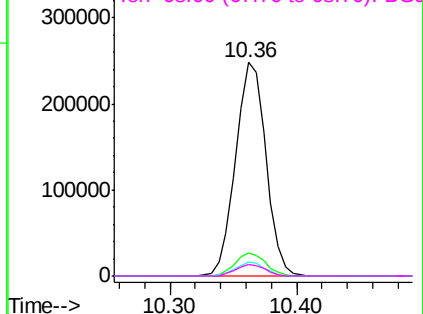
137 11.0 8.8 13.2

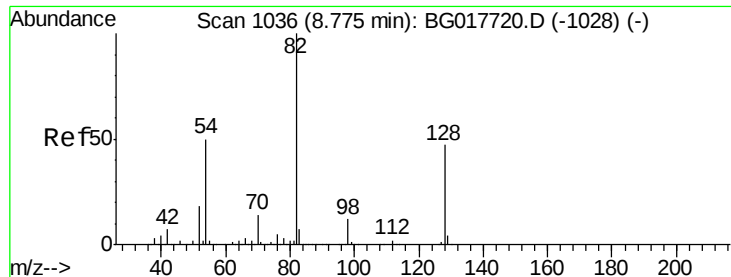
54 6.6 6.6 9.8

68 5.6 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

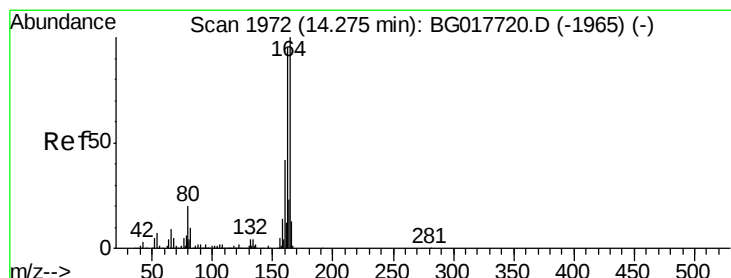
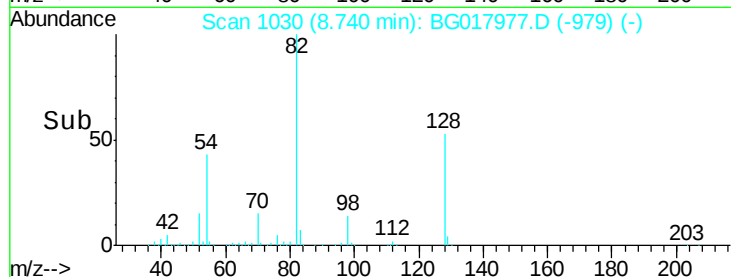
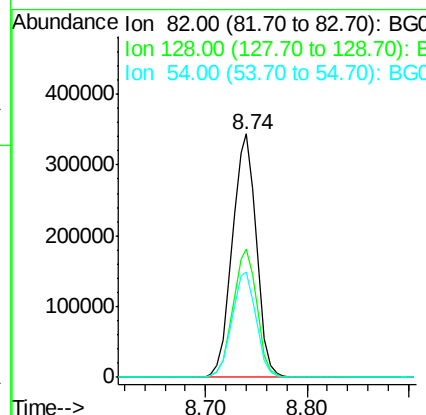
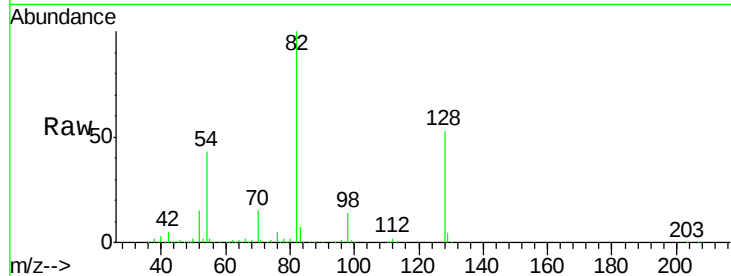




#23
 Nitrobenzene-d5
 Concen: 88.77 ng
 RT: 8.74 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BG017977.D
 Acq: 20 Jul 2015 3:02

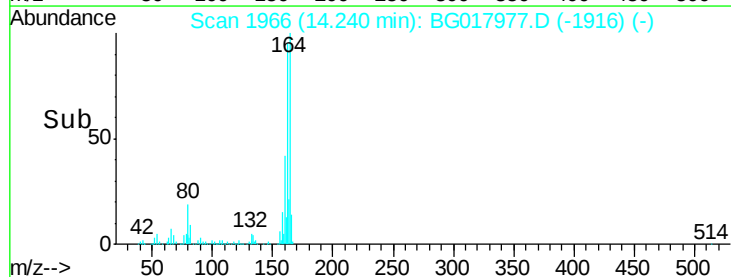
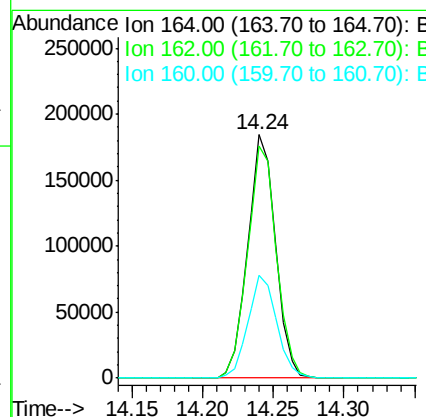
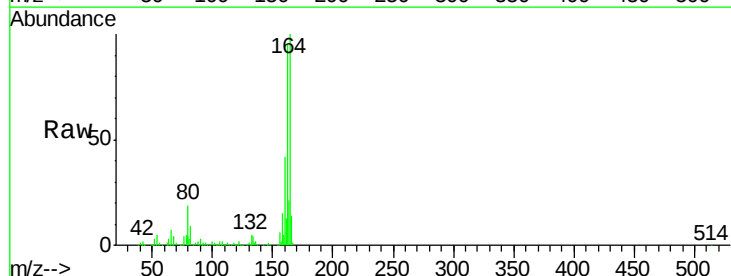
Instrument :
 BNA_G
 ClientSampleId :
 TEC-COMP

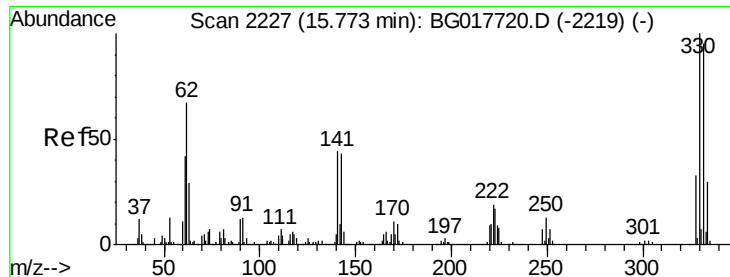
Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.6	37.8	56.6
54	43.3	39.9	59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG017977.D
 Acq: 20 Jul 2015 3:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.2	76.3	114.5
160	42.4	33.7	50.5

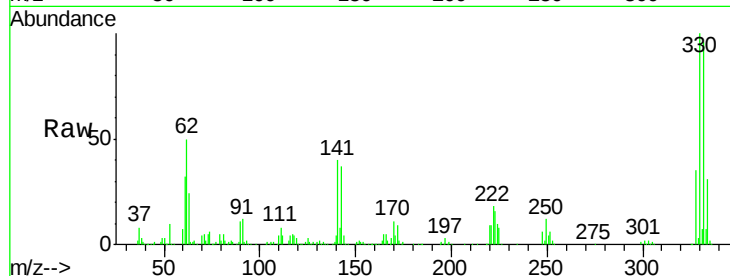




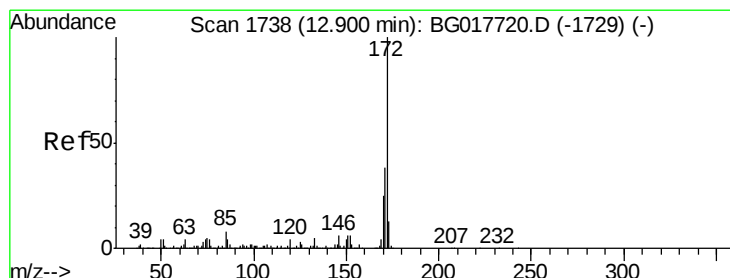
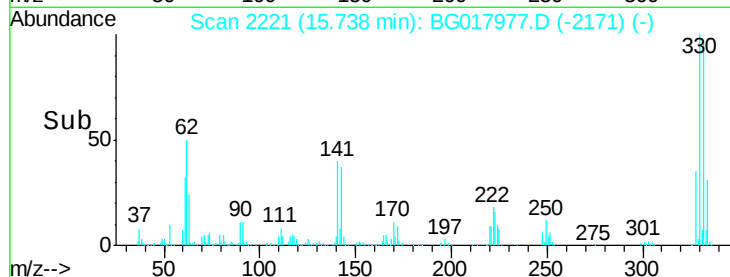
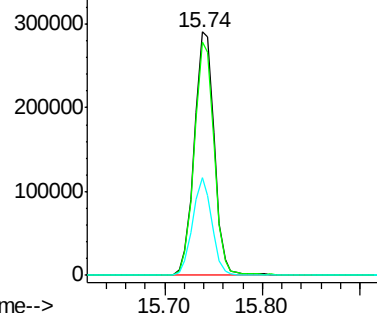
#41
 2,4,6-Tribromophenol
 Concen: 160.17 ng
 RT: 15.74 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG017977.D
 Acq: 20 Jul 2015 3:02

Instrument :
 BNA_G
 ClientSampleId :
 TEC-COMP

Tgt Ion:330 Resp: 413469
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.8 115.2
 141 38.4 38.0 57.0

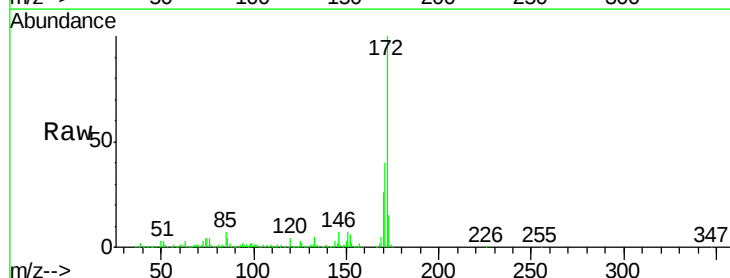


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

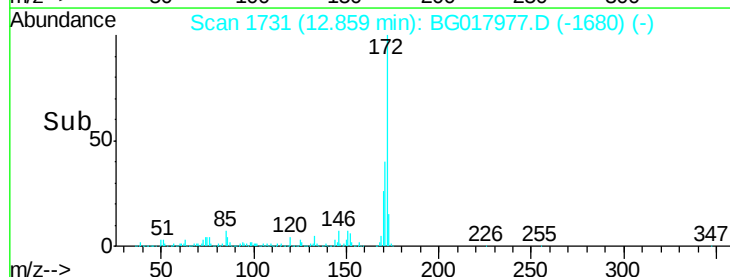
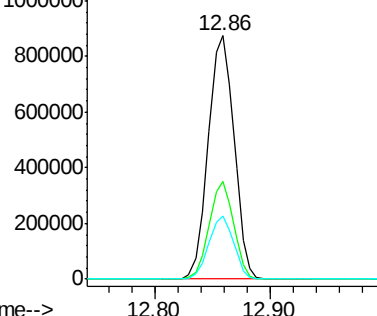


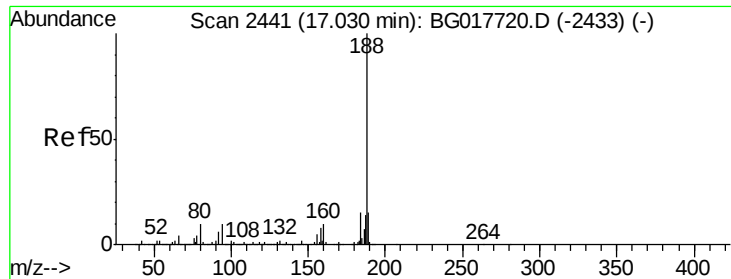
#44
 2-Fluorobiphenyl
 Concen: 92.17 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG017977.D
 Acq: 20 Jul 2015 3:02

Tgt Ion:172 Resp: 1355243
 Ion Ratio Lower Upper
 172 100
 171 39.9 30.7 46.1
 170 25.8 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.00 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG017977.D

Acq: 20 Jul 2015 3:02

Instrument :

BNA_G

ClientSampleId :

TEC-COMP

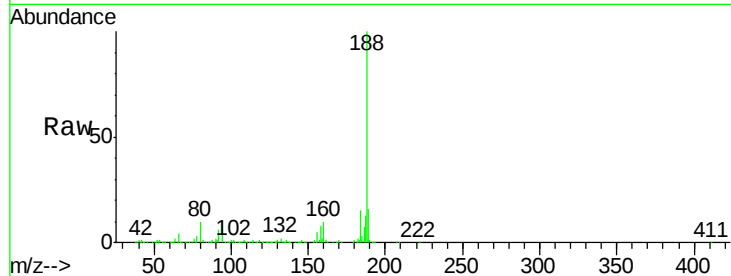
Tgt Ion:188 Resp: 573724

Ion Ratio Lower Upper

188 100

94 9.5 8.2 12.2

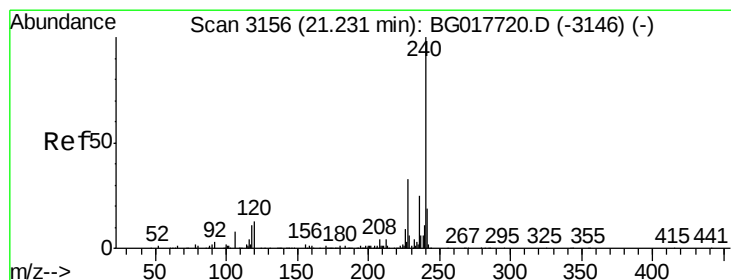
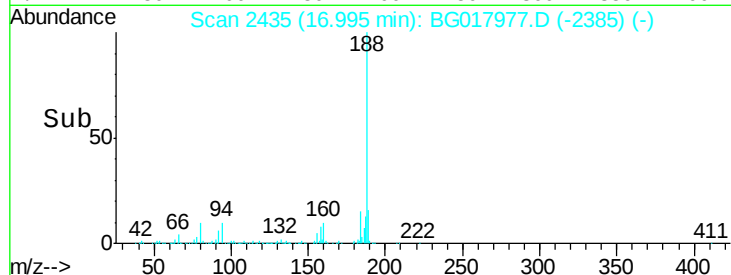
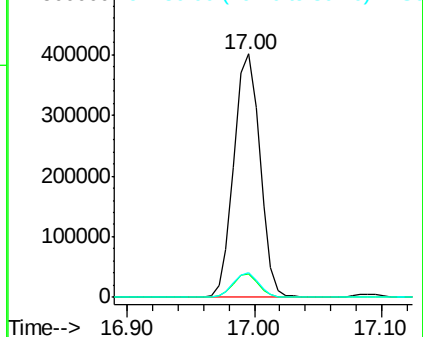
80 10.1 8.2 12.4



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: BG017977.D

Acq: 20 Jul 2015 3:02

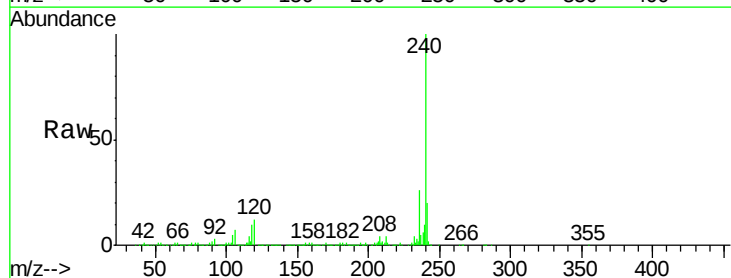
Tgt Ion:240 Resp: 583481

Ion Ratio Lower Upper

240 100

120 12.2 10.8 16.2

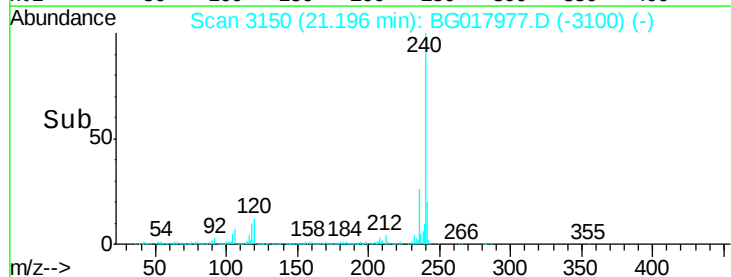
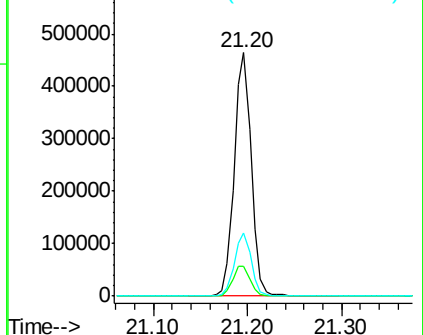
236 25.8 20.0 30.0

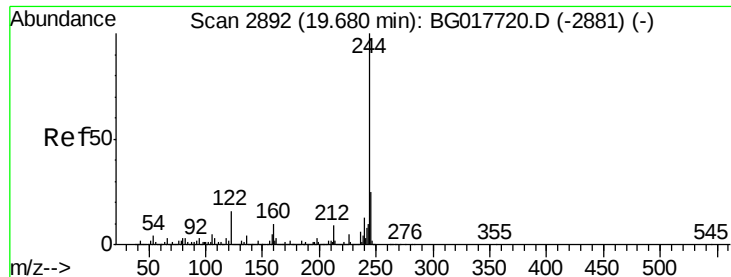


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.08 ng

RT: 19.65 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG017977.D

Acq: 20 Jul 2015 3:02

Instrument :

BNA_G

ClientSampleId :

TEC-COMP

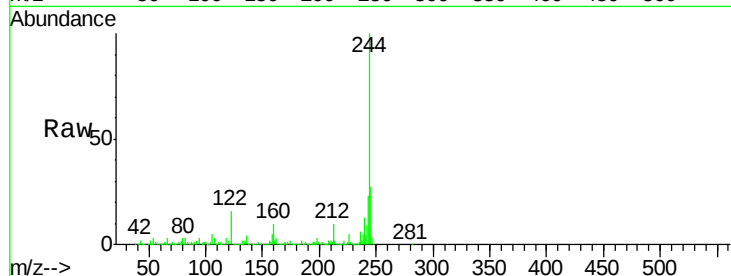
Tgt Ion:244 Resp: 2017009

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.2	10.8
122	15.6	12.8	19.2

244 100

212 9.6 7.2 10.8

122 15.6 12.8 19.2

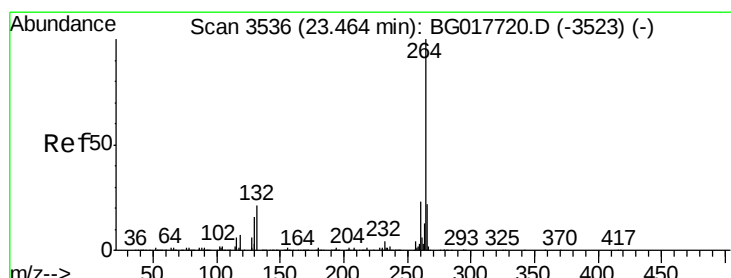
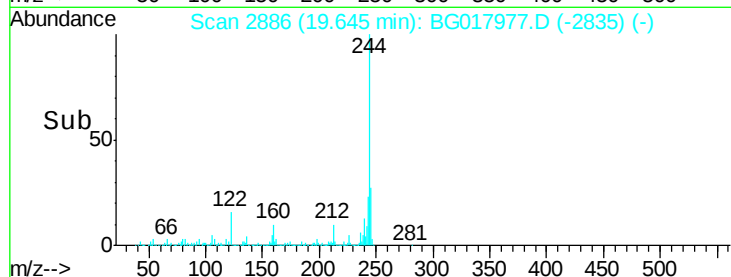
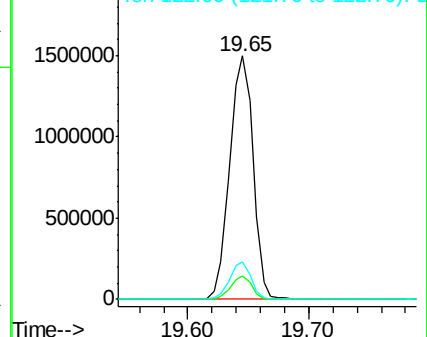


Abundance

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: BG017977.D

Acq: 20 Jul 2015 3:02

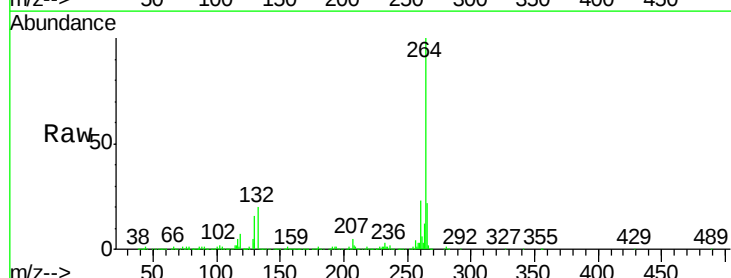
Tgt Ion:264 Resp: 566937

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.9	18.2	27.2

264 100

260 23.5 18.6 27.8

265 21.9 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

