

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
 Data File : BG018031.D
 Acq On : 21 Jul 2015 20:34
 Operator : TP/UM
 Sample : PB84580BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB84580BL

Quant Time: Jul 22 03:52:01 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

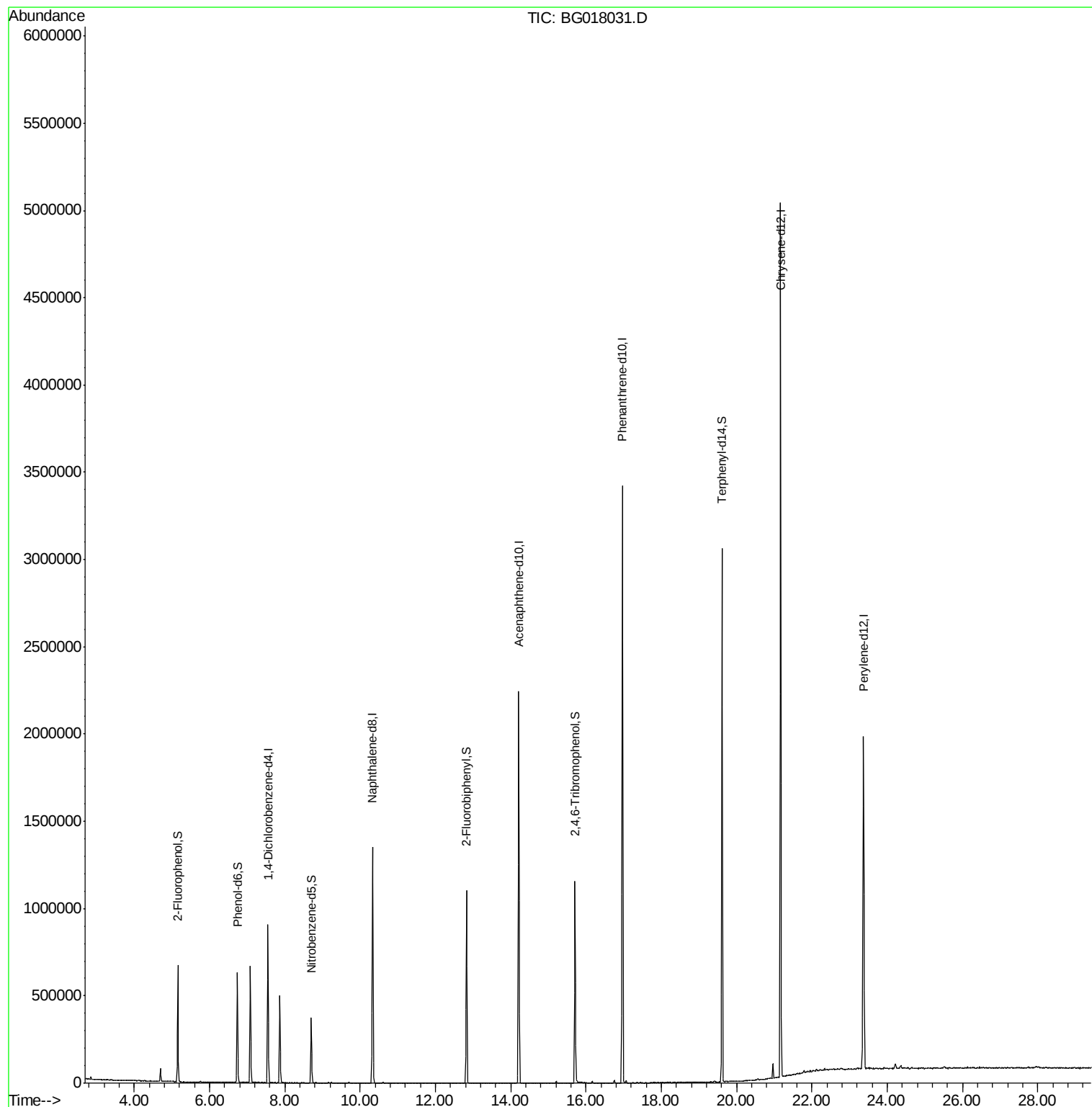
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	253702	20.00	ng	-0.04
21) Naphthalene-d8	10.33	136	1121892	20.00	ng	-0.04
38) Acenaphthene-d10	14.21	164	769641	20.00	ng	-0.03
63) Phenanthrene-d10	16.97	188	1919444	20.00	ng	-0.03
75) Chrysene-d12	21.17	240	2112032	20.00	ng	-0.03
86) Perylene-d12	23.37	264	1360541	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	294876	20.28	ng	-0.04
7) Phenol-d6	6.74	99	378280	19.85	ng	-0.03
23) Nitrobenzene-d5	8.70	82	212171	12.25	ng	-0.04
41) 2,4,6-Tribromophenol	15.71	330	228436	29.30	ng	-0.04
44) 2-Fluorobiphenyl	12.83	172	580700	13.08	ng	-0.03
78) Terphenyl-d14	19.61	244	1287891	15.36	ng	-0.03
Target Compounds						
69) Pentachlorophenol	16.58	266	59	Below Cal	Qvalue #	18

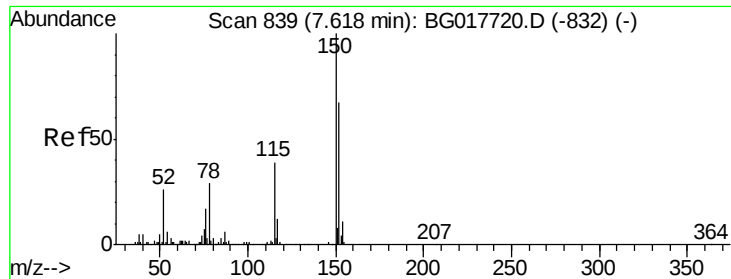
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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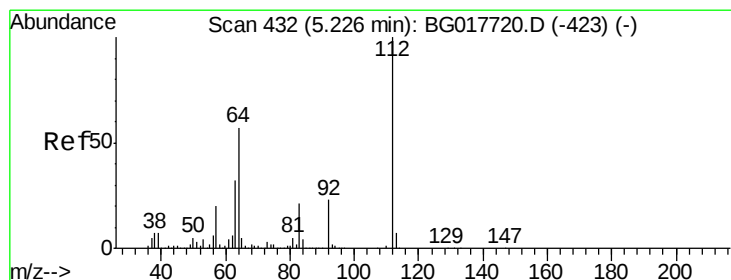
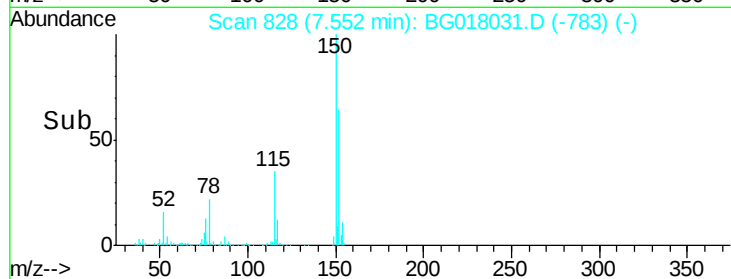
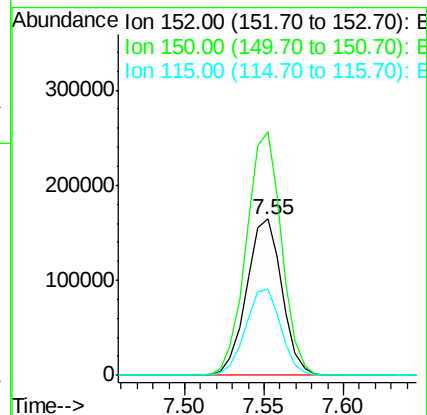
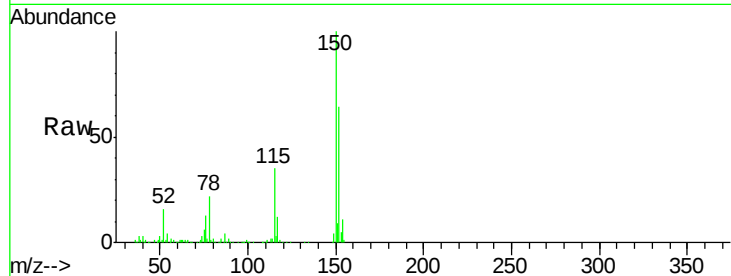


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 828
Delta R.T. -0.04 min
Lab File: BG018031.D
Acq: 21 Jul 2015 20:34

Instrument :
BNA_G
ClientSampleId :
PB84580BL

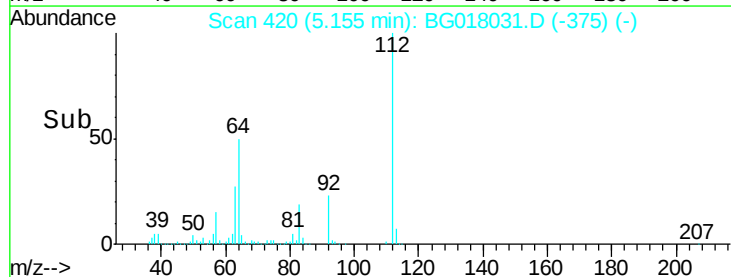
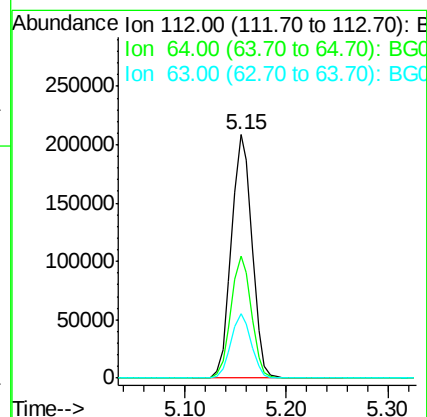
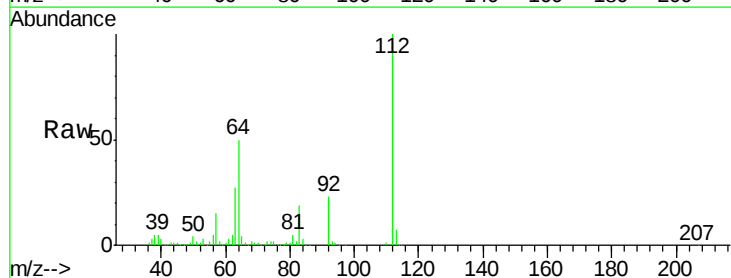
Tgt Ion:152 Resp: 253702
Ion Ratio Lower Upper
152 100
150 155.8 119.1 178.7
115 54.7 47.0 70.4

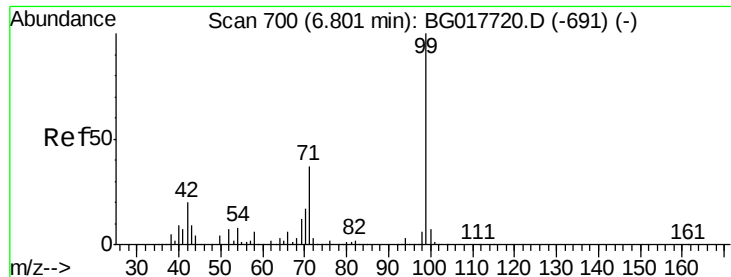


#5

2-Fluorophenol
Concen: 20.28 ng
RT: 5.15 min Scan# 420
Delta R.T. -0.04 min
Lab File: BG018031.D
Acq: 21 Jul 2015 20:34

Tgt Ion:112 Resp: 294876
Ion Ratio Lower Upper
112 100
64 50.3 45.4 68.0
63 26.5 25.3 37.9





#7

Phenol-d6

Concen: 19.85 ng

RT: 6.74 min Scan# 689

Delta R.T. -0.03 min

Lab File: BG018031.D

Acq: 21 Jul 2015 20:34

Instrument :

BNA_G

ClientSampleId :

PB84580BL

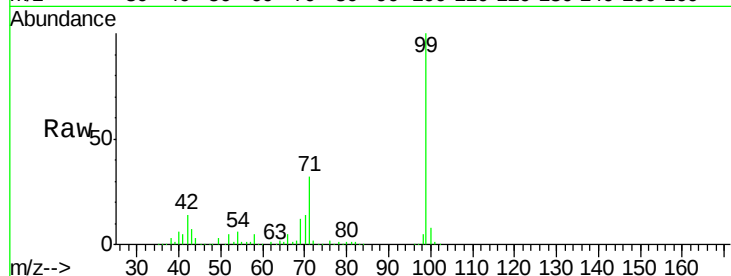
Tgt Ion: 99 Resp: 378280

Ion Ratio Lower Upper

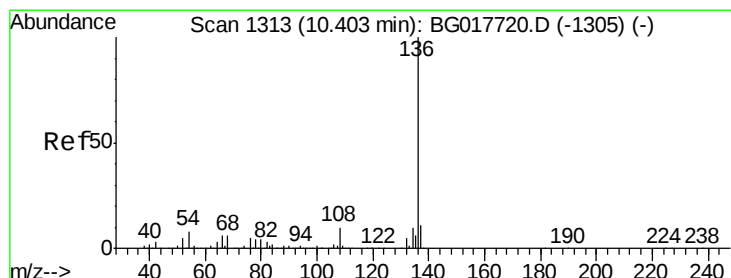
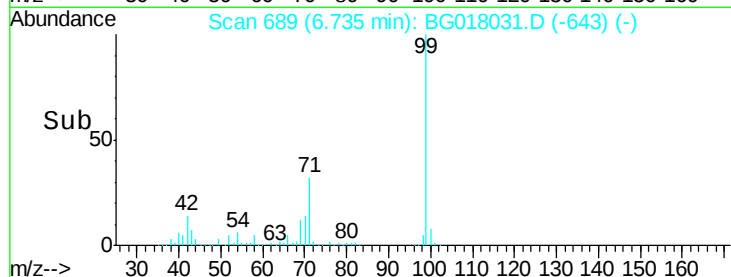
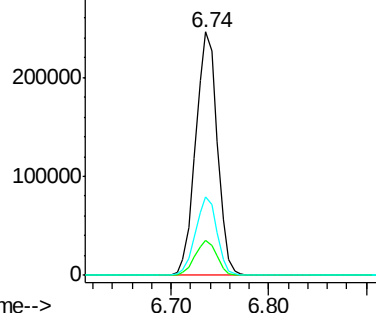
99 100

42 14.4 16.2 24.4#

71 32.4 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: 10.33 min Scan# 1301

Delta R.T. -0.04 min

Lab File: BG018031.D

Acq: 21 Jul 2015 20:34

Tgt Ion: 136 Resp: 1121892

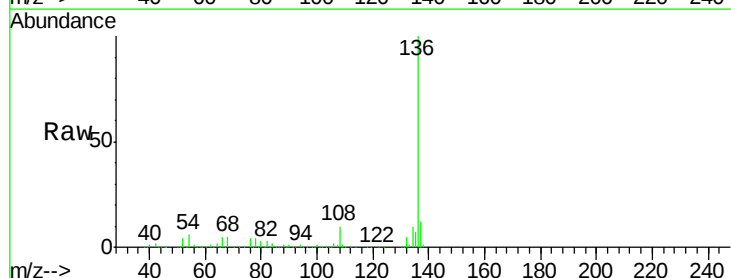
Ion Ratio Lower Upper

136 100

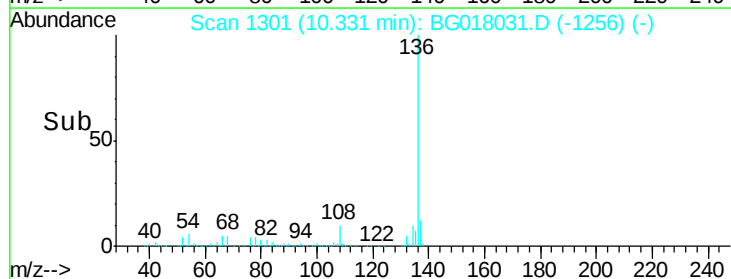
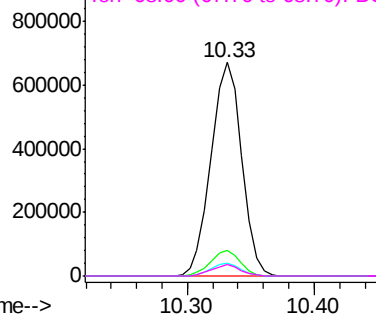
137 11.8 8.8 13.2

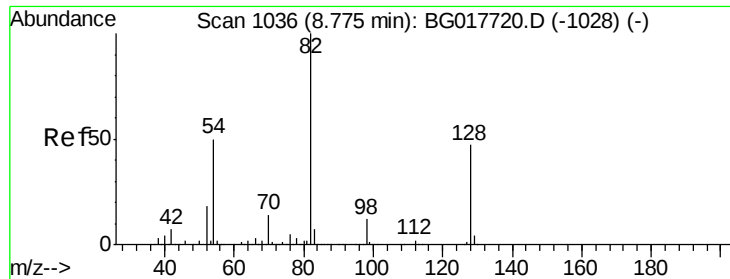
54 6.2 6.6 9.8#

68 5.3 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

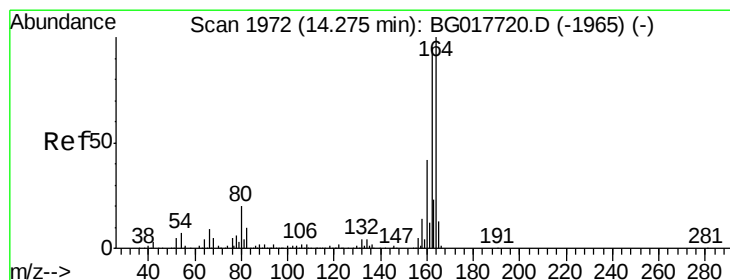
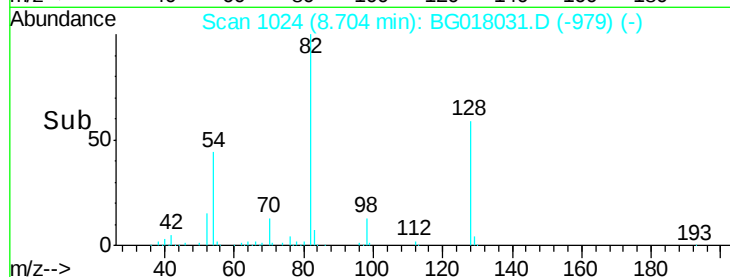
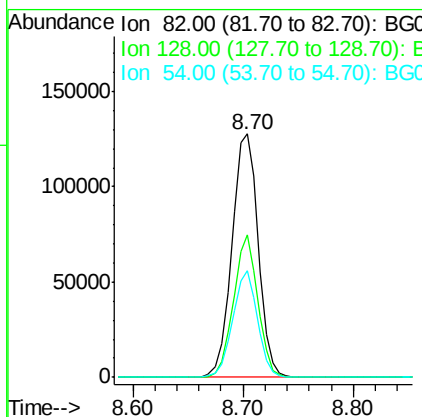
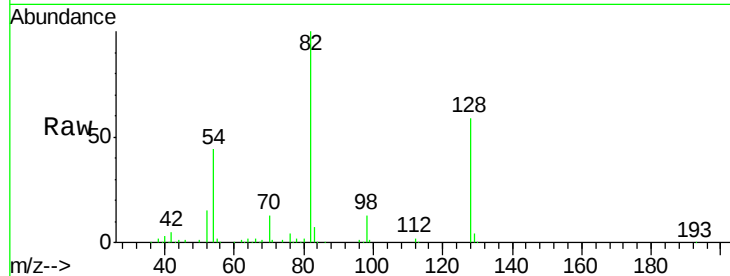




#23
 Nitrobenzene-d5
 Concen: 12.25 ng
 RT: 8.70 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BG018031.D
 Acq: 21 Jul 2015 20:34

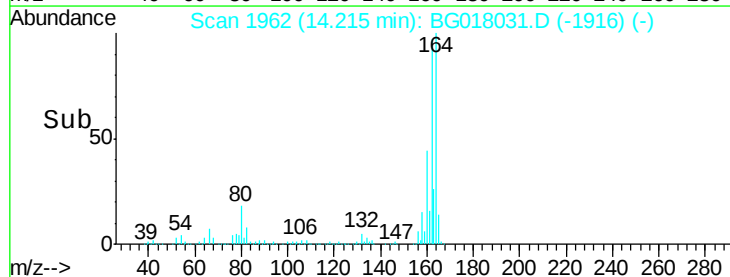
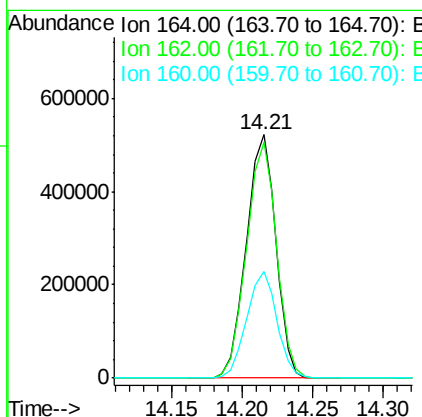
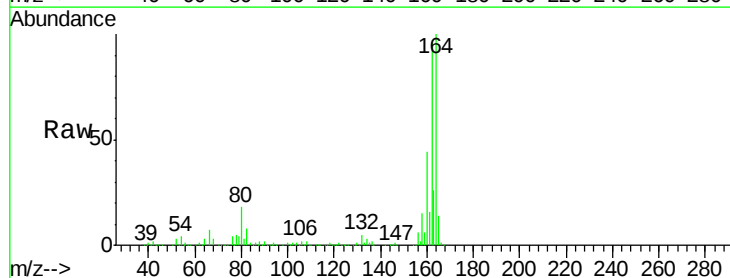
Instrument :
 BNA_G
 ClientSampleId :
 PB84580BL

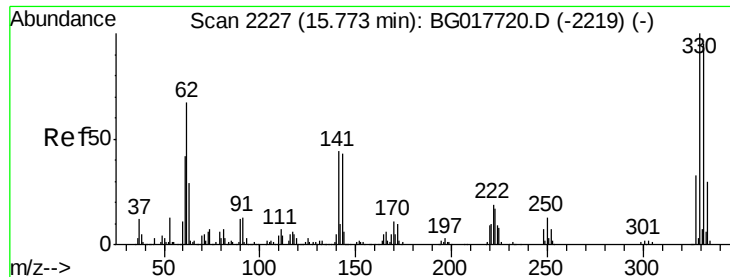
Tgt Ion	Ratio	Lower	Upper
82	100		
128	58.8	37.8	56.6#
54	43.6	39.9	59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.21 min Scan# 1962
 Delta R.T. -0.03 min
 Lab File: BG018031.D
 Acq: 21 Jul 2015 20:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.0	76.3	114.5
160	43.9	33.7	50.5

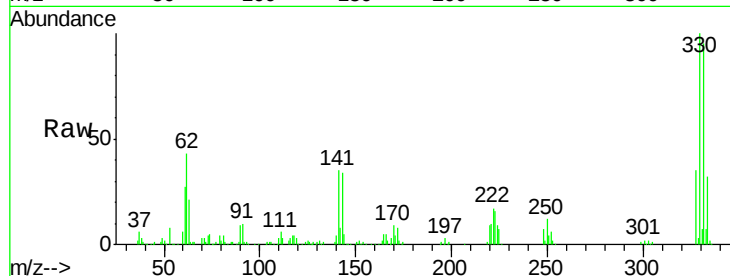




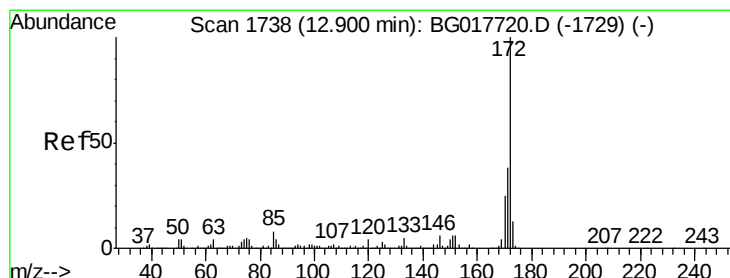
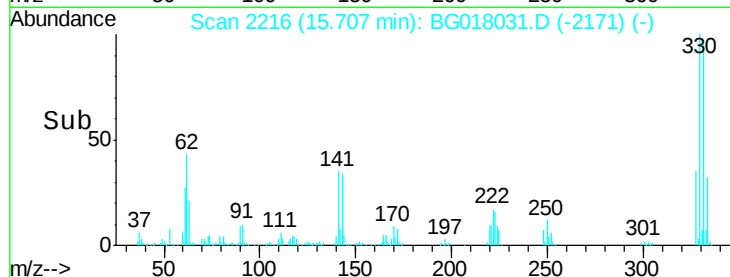
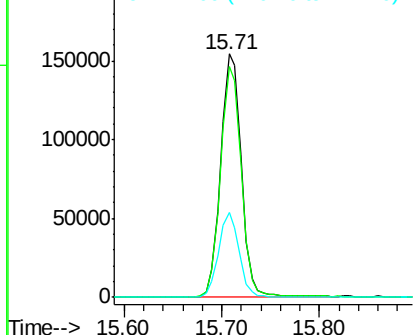
#41
 2,4,6-Tribromophenol
 Concen: 29.30 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.04 min
 Lab File: BG018031.D
 Acq: 21 Jul 2015 20:34

Instrument :
 BNA_G
 ClientSampleId :
 PB84580BL

Tgt Ion:330 Resp: 228436
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.8 115.2
 141 34.8 38.0 57.0#

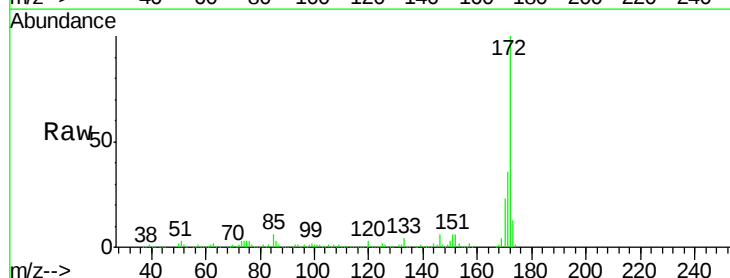


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

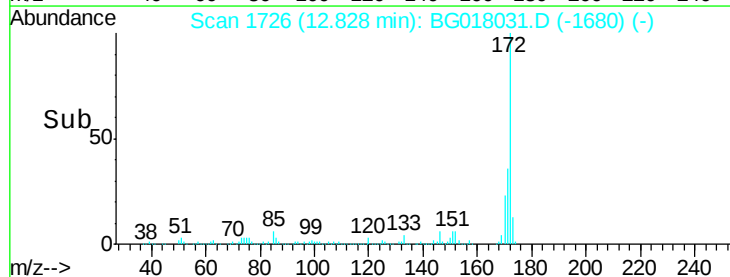
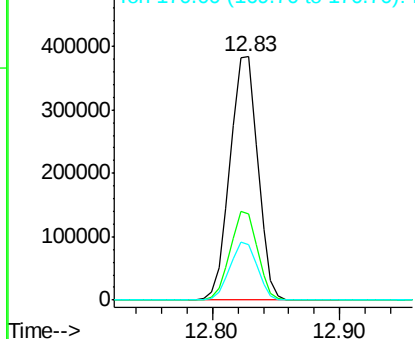


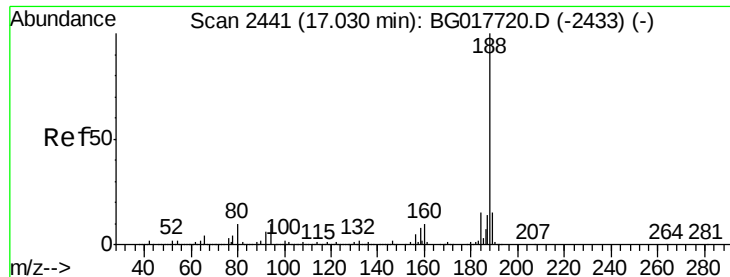
#44
 2-Fluorobiphenyl
 Concen: 13.08 ng
 RT: 12.83 min Scan# 1726
 Delta R.T. -0.03 min
 Lab File: BG018031.D
 Acq: 21 Jul 2015 20:34

Tgt Ion:172 Resp: 580700
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.7 46.1
 170 22.9 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

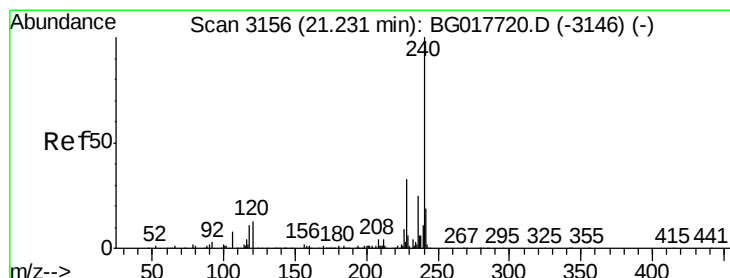
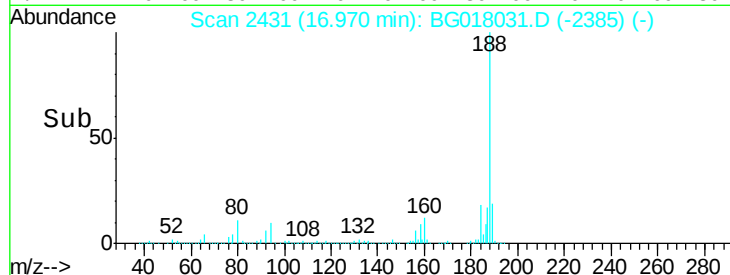
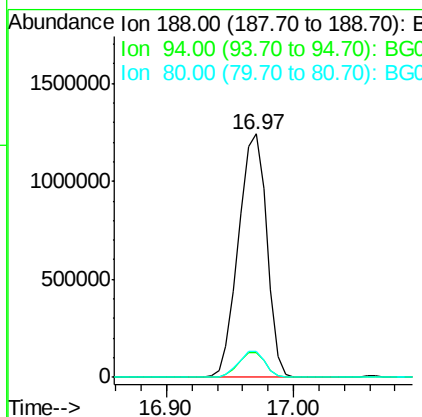
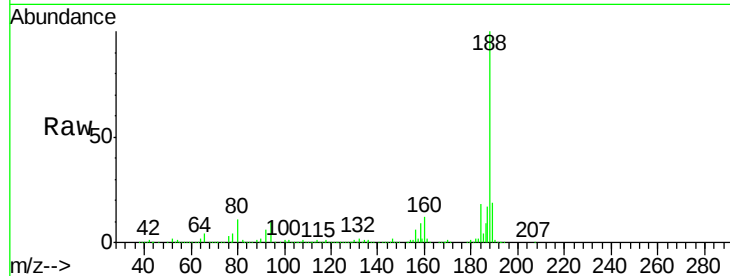




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2431
Delta R.T. -0.03 min
Lab File: BG018031.D
Acq: 21 Jul 2015 20:34

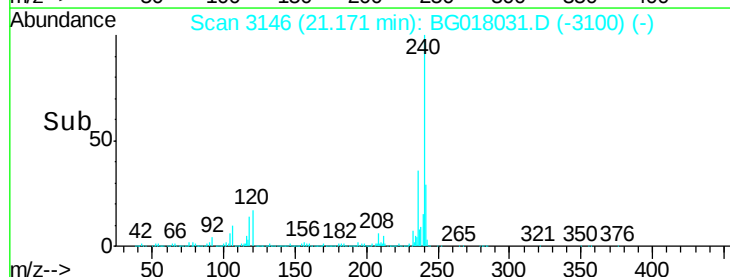
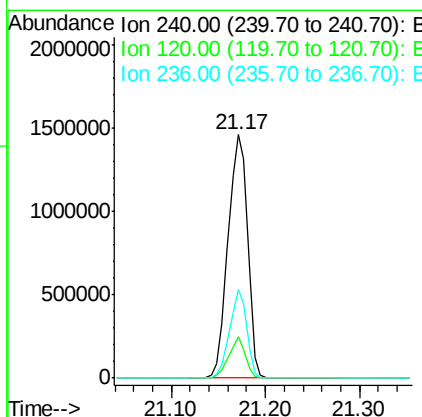
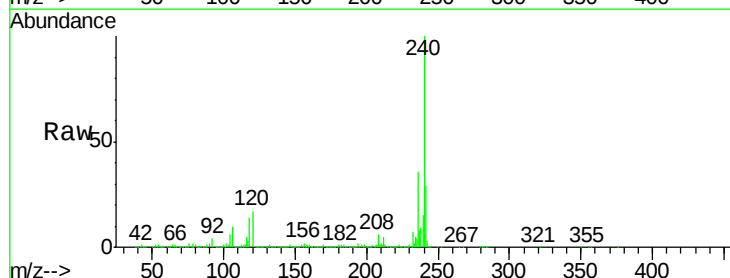
Instrument :
BNA_G
ClientSampleId :
PB84580BL

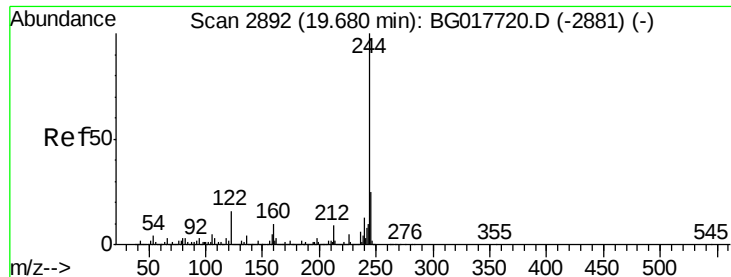
Tgt Ion:188 Resp: 1919444
Ion Ratio Lower Upper
188 100
94 10.4 8.2 12.2
80 10.6 8.2 12.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.17 min Scan# 3146
Delta R.T. -0.03 min
Lab File: BG018031.D
Acq: 21 Jul 2015 20:34

Tgt Ion:240 Resp: 2112032
Ion Ratio Lower Upper
240 100
120 16.8 10.8 16.2#
236 36.4 20.0 30.0#





#78

Terphenyl-d14

Concen: 15.36 ng

RT: 19.61 min Scan# 2881

Delta R.T. -0.03 min

Lab File: BG018031.D

Acq: 21 Jul 2015 20:34

Instrument :

BNA_G

ClientSampleId :

PB84580BL

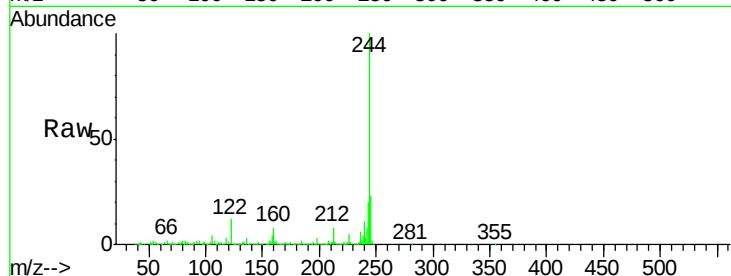
Tgt Ion:244 Resp: 1287891

Ion Ratio Lower Upper

244 100

212 7.8 7.2 10.8

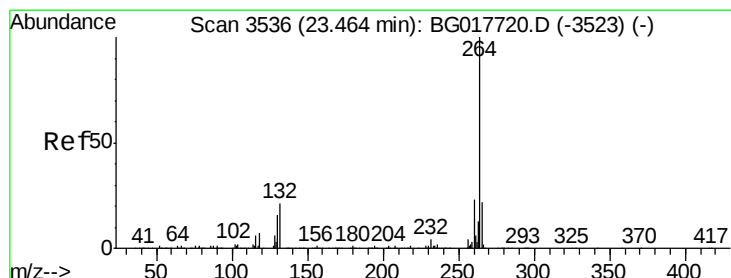
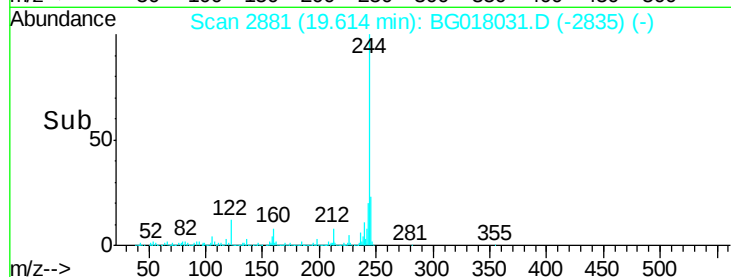
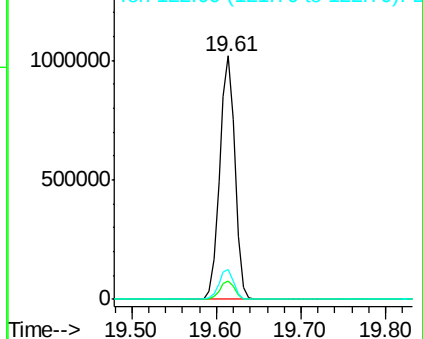
122 12.5 12.8 19.2#



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: 23.37 min Scan# 3521

Delta R.T. -0.04 min

Lab File: BG018031.D

Acq: 21 Jul 2015 20:34

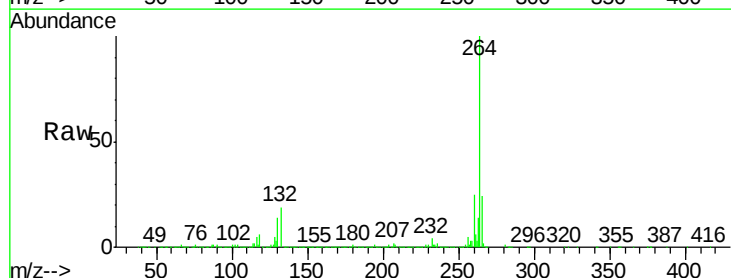
Tgt Ion:264 Resp: 1360541

Ion Ratio Lower Upper

264 100

260 25.0 18.6 27.8

265 23.8 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

