

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072115\
 Data File : BG018049.D
 Acq On : 22 Jul 2015 8:31
 Operator : TP/UM
 Sample : G3027-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-09-1.0-1.5

Quant Time: Jul 22 10:59:56 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

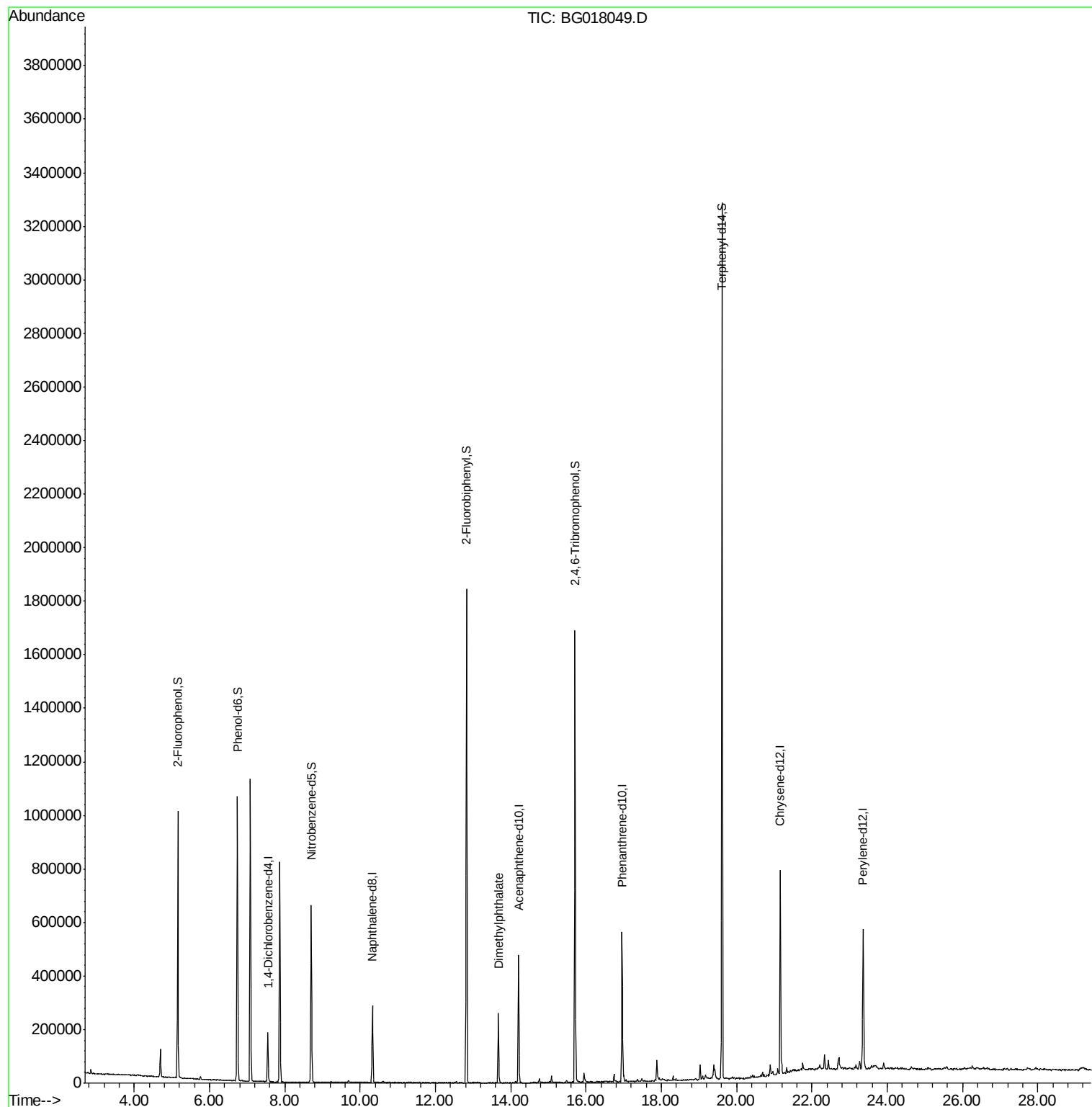
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	51332	20.00	ng	-0.04
21) Naphthalene-d8	10.33	136	244806	20.00	ng	-0.04
38) Acenaphthene-d10	14.21	164	160549	20.00	ng	-0.04
63) Phenanthrene-d10	16.96	188	326135	20.00	ng	-0.04
75) Chrysene-d12	21.16	240	354911	20.00	ng	-0.04
86) Perylene-d12	23.36	264	353974	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	441519	150.05	ng	-0.03
7) Phenol-d6	6.74	99	636564	165.12	ng	-0.03
23) Nitrobenzene-d5	8.70	82	384455	101.72	ng	-0.04
41) 2,4,6-Tribromophenol	15.71	330	304309	187.08	ng	-0.04
44) 2-Fluorobiphenyl	12.83	172	980350	105.82	ng	-0.03
78) Terphenyl-d14	19.62	244	1384963	98.30	ng	-0.03
Target Compounds						
32) Benzoic acid	9.81	122	55	Below Cal	#	1
49) Dimethylphthalate	13.67	163	174098	15.61	ng	99
64) 4,6-Dinitro-2-methylphenol	15.20	198	56	Below Cal	#	31

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

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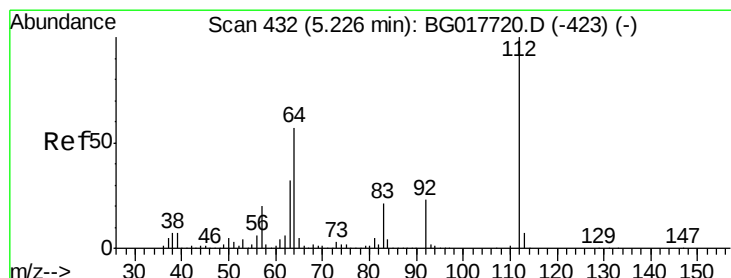
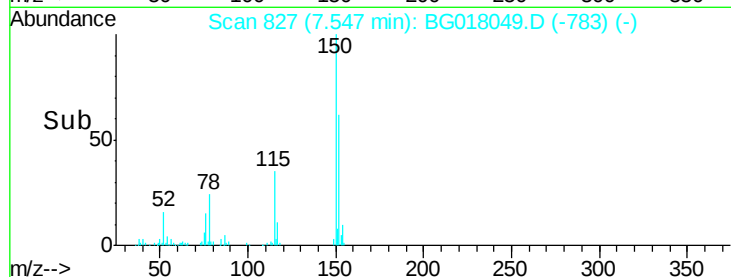
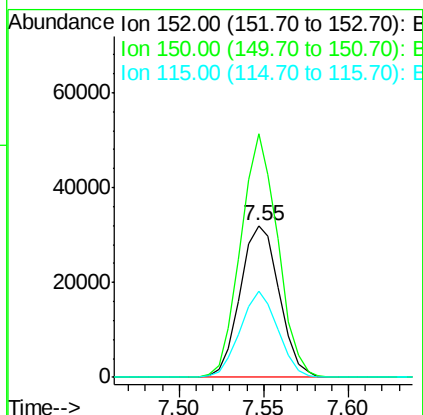
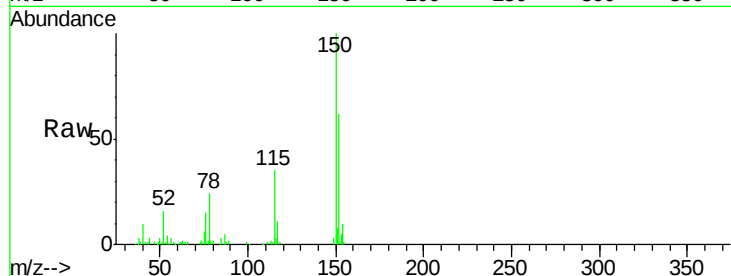


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 827
Delta R.T. -0.04 min
Lab File: BG018049.D
Acq: 22 Jul 2015 8:31

Instrument :
BNA_G
ClientSampleId :
SB-09-1.0-1.5

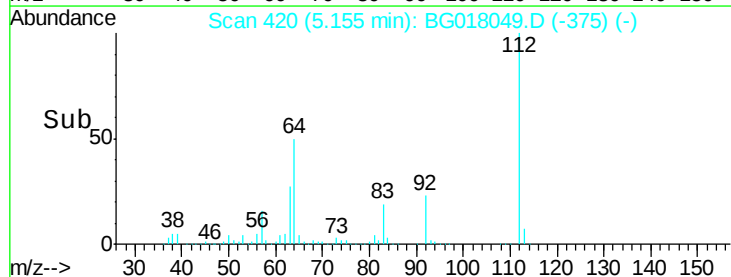
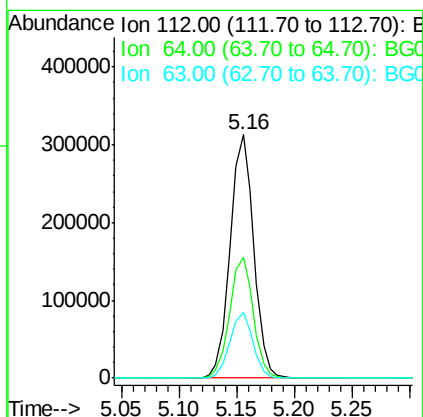
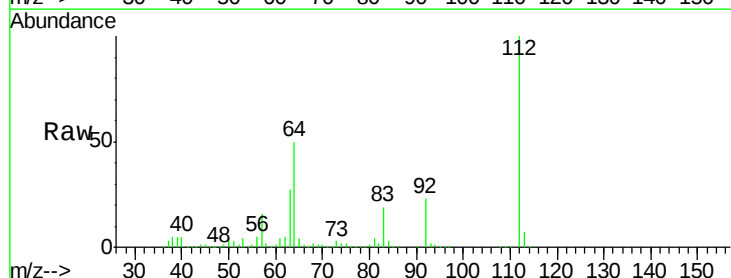
Tgt Ion:152 Resp: 51332
Ion Ratio Lower Upper
152 100
150 160.3 119.1 178.7
115 56.5 47.0 70.4



#5

2-Fluorophenol
Concen: 150.05 ng
RT: 5.16 min Scan# 420
Delta R.T. -0.03 min
Lab File: BG018049.D
Acq: 22 Jul 2015 8:31

Tgt Ion:112 Resp: 441519
Ion Ratio Lower Upper
112 100
64 49.5 45.4 68.0
63 27.0 25.3 37.9





#7

Phenol-d6

Concen: 165.12 ng

RT: 6.74 min Scan# 689

Delta R.T. -0.03 min

Lab File: BG018049.D

Acq: 22 Jul 2015 8:31

Instrument :

BNA_G

ClientSampleId :

SB-09-1.0-1.5

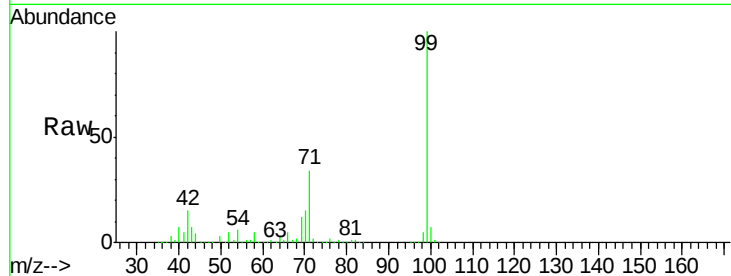
Tgt Ion: 99 Resp: 636564

Ion Ratio Lower Upper

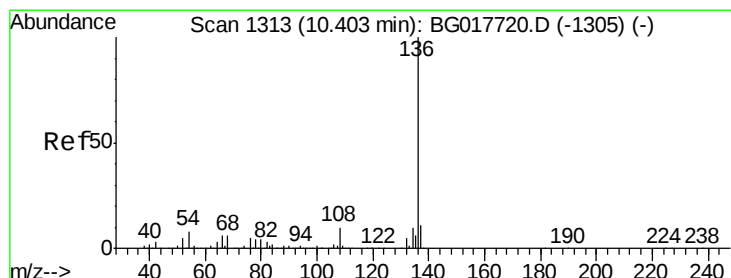
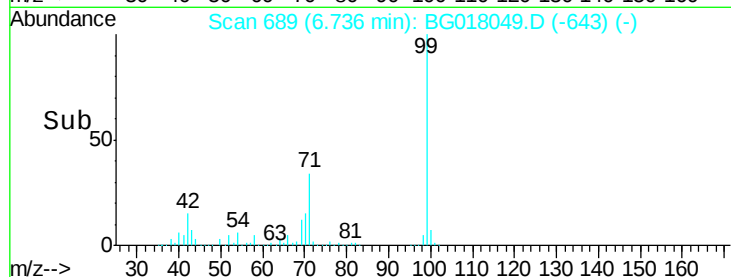
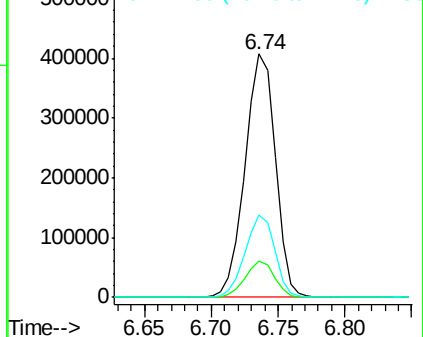
99 100

42 15.0 16.2 24.4#

71 33.7 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# 1300

Delta R.T. -0.04 min

Lab File: BG018049.D

Acq: 22 Jul 2015 8:31

Tgt Ion: 136 Resp: 244806

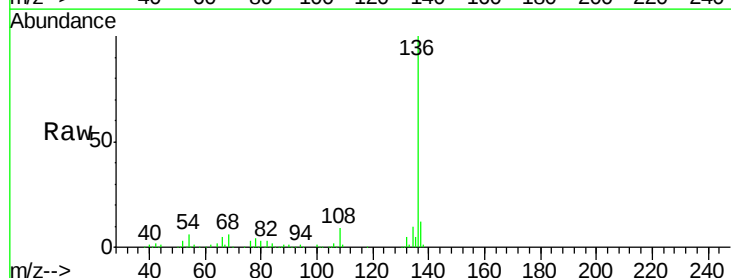
Ion Ratio Lower Upper

136 100

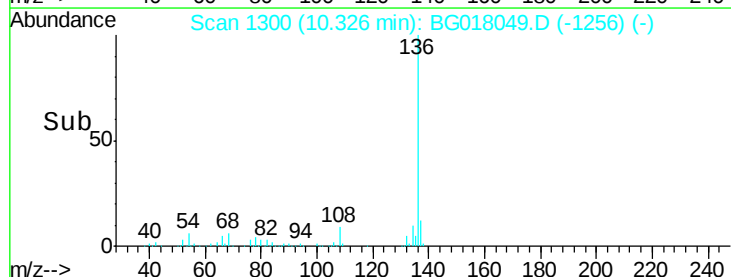
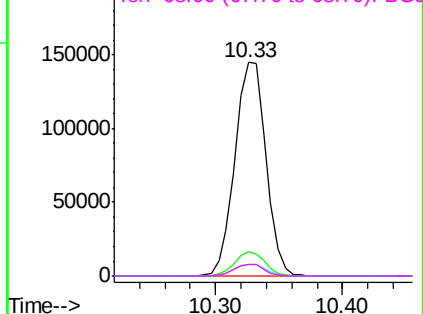
137 11.7 8.8 13.2

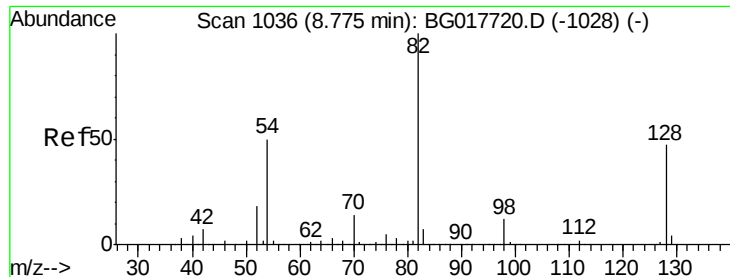
54 5.9 6.6 9.8#

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

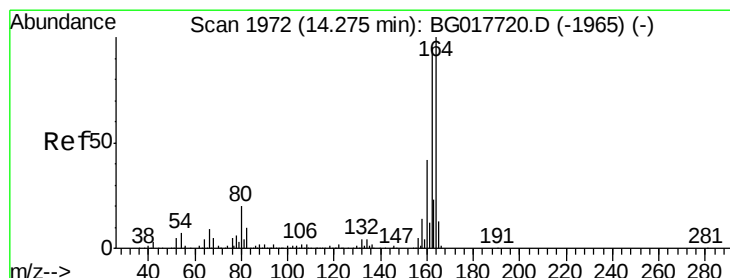
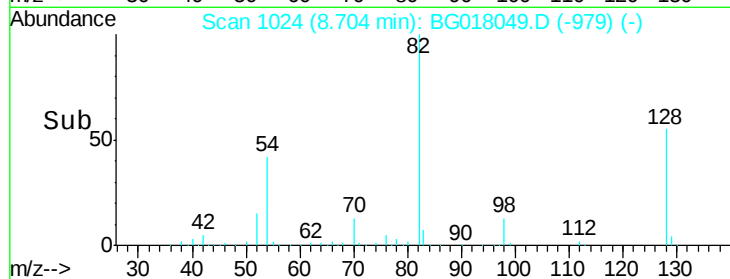
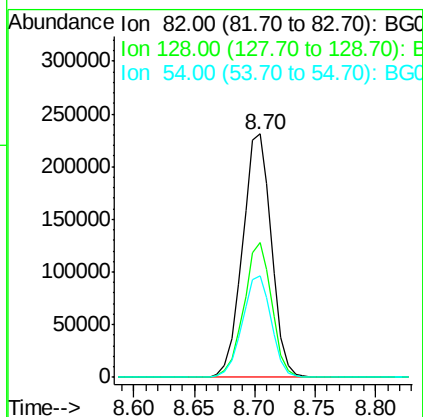
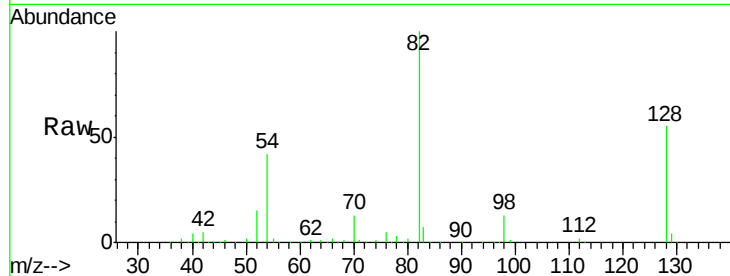




#23
 Nitrobenzene-d5
 Concen: 101.72 ng
 RT: 8.70 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BG018049.D
 Acq: 22 Jul 2015 8:31

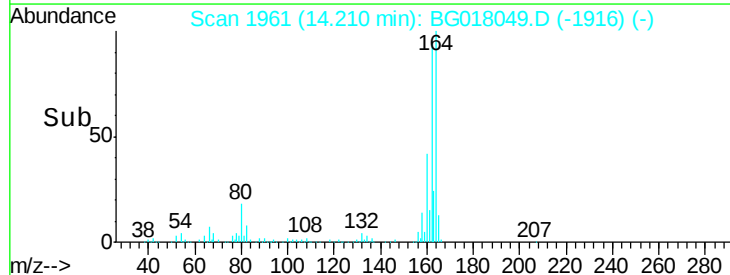
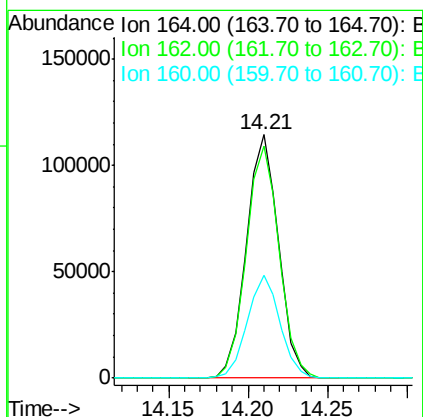
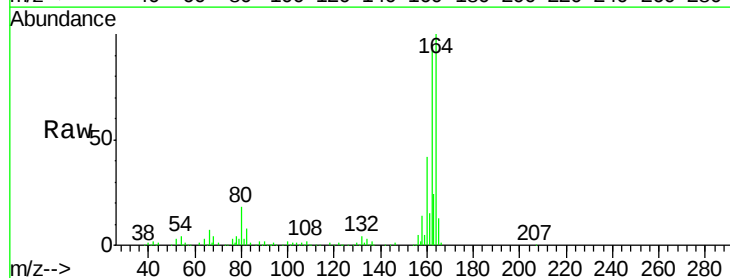
Instrument :
 BNA_G
 ClientSampleId :
 SB-09-1.0-1.5

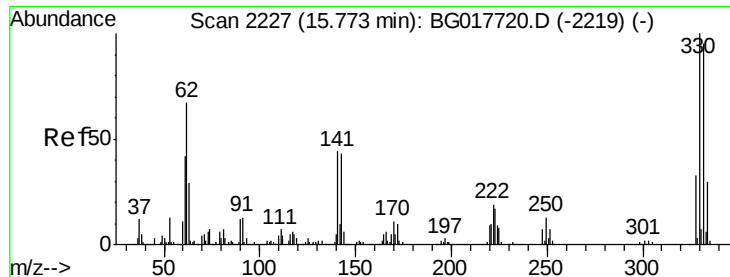
Tgt Ion	Ratio	Lower	Upper
82	100		
128	55.3	37.8	56.6
54	41.8	39.9	59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.21 min Scan# 1961
 Delta R.T. -0.04 min
 Lab File: BG018049.D
 Acq: 22 Jul 2015 8:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.4	76.3	114.5
160	42.1	33.7	50.5

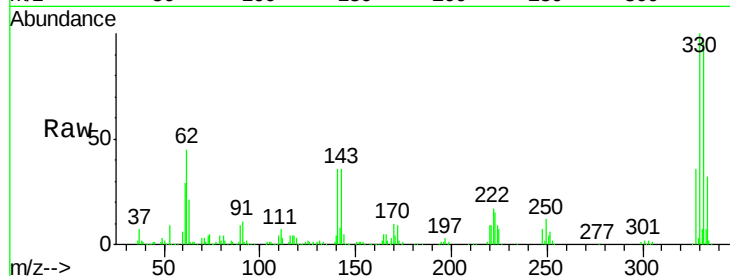




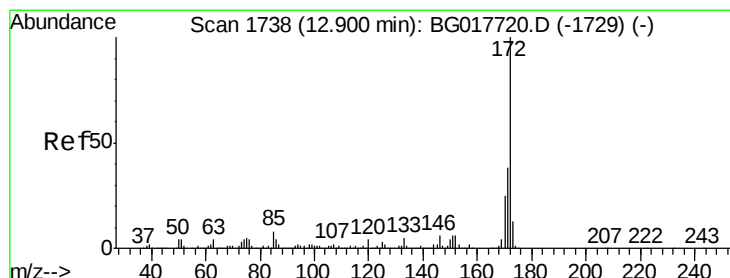
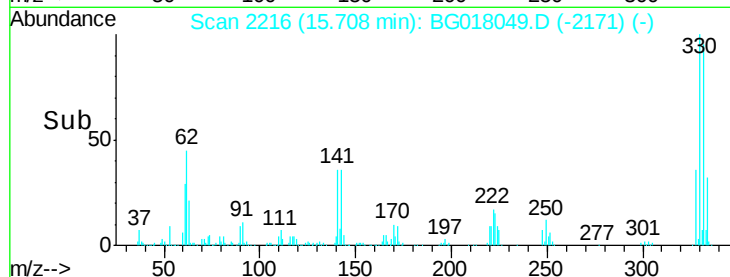
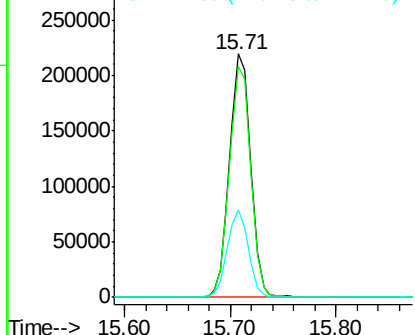
#41
 2,4,6-Tribromophenol
 Concen: 187.08 ng
 RT: 15.71 min Scan# 2216
 Delta R.T. -0.04 min
 Lab File: BG018049.D
 Acq: 22 Jul 2015 8:31

Instrument :
 BNA_G
 ClientSampleId :
 SB-09-1.0-1.5

Tgt Ion:330 Resp: 304309
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.8 115.2
 141 35.7 38.0 57.0#

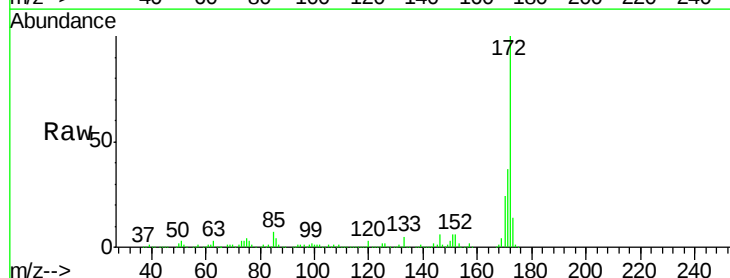


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

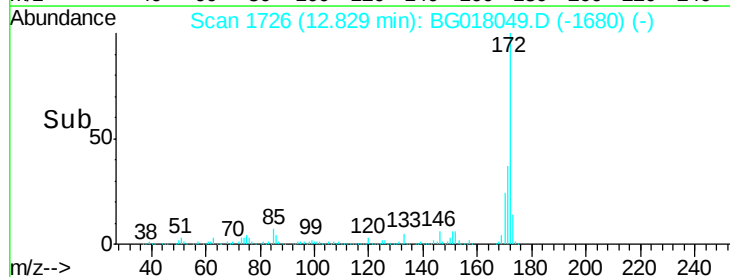
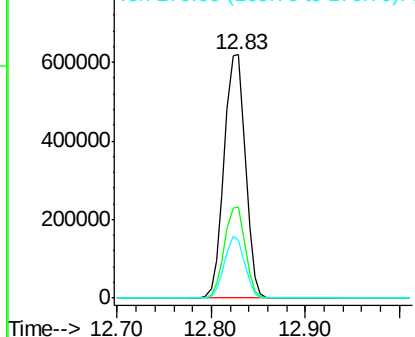


#44
 2-Fluorobiphenyl
 Concen: 105.82 ng
 RT: 12.83 min Scan# 1726
 Delta R.T. -0.03 min
 Lab File: BG018049.D
 Acq: 22 Jul 2015 8:31

Tgt Ion:172 Resp: 980350
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.7 46.1
 170 24.0 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: 15.61 ng

RT: 13.67 min Scan# 1870

Delta R.T. -0.04 min

Lab File: BG018049.D

Acq: 22 Jul 2015 8:31

Instrument :

BNA_G

ClientSampleId :

SB-09-1.0-1.5

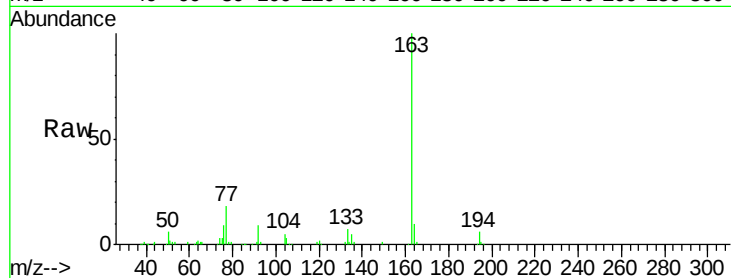
Tgt Ion:163 Resp: 174098

Ion Ratio Lower Upper

163 100

194 6.2 5.8 8.6

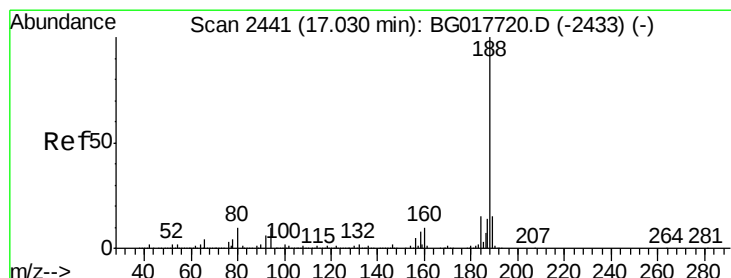
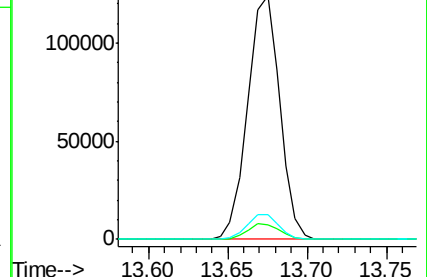
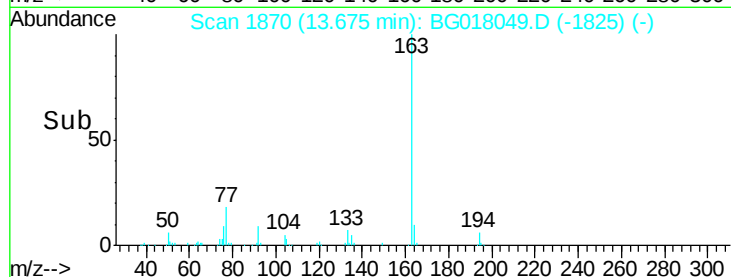
164 10.2 8.3 12.5



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: 16.96 min Scan# 2429

Delta R.T. -0.04 min

Lab File: BG018049.D

Acq: 22 Jul 2015 8:31

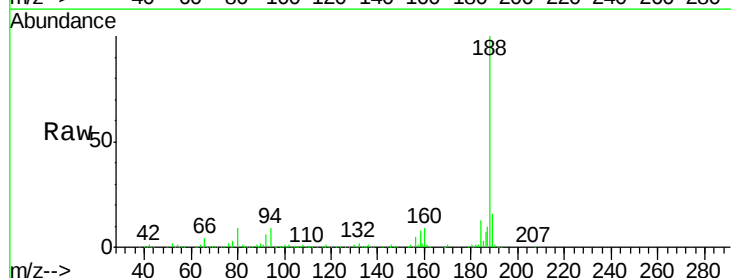
Tgt Ion:188 Resp: 326135

Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.2

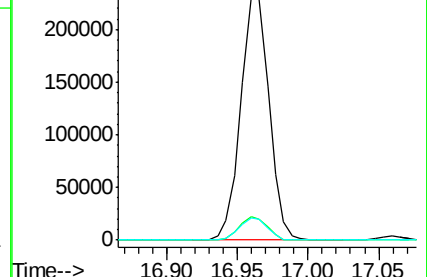
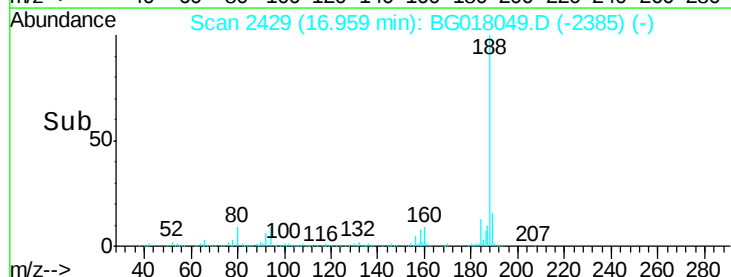
80 8.9 8.2 12.4

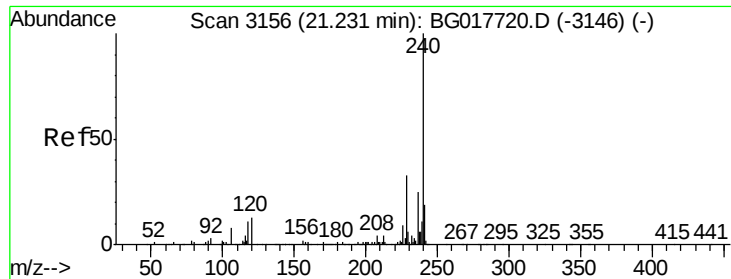


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3144

Delta R.T. -0.04 min

Lab File: BG018049.D

Acq: 22 Jul 2015 8:31

Instrument :

BNA_G

ClientSampleId :

SB-09-1.0-1.5

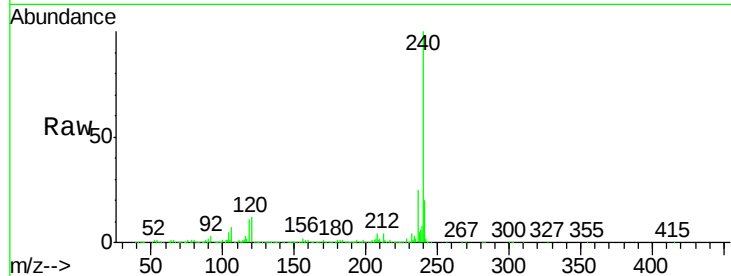
Tgt Ion:240 Resp: 354911

Ion Ratio Lower Upper

240 100

120 12.3 10.8 16.2

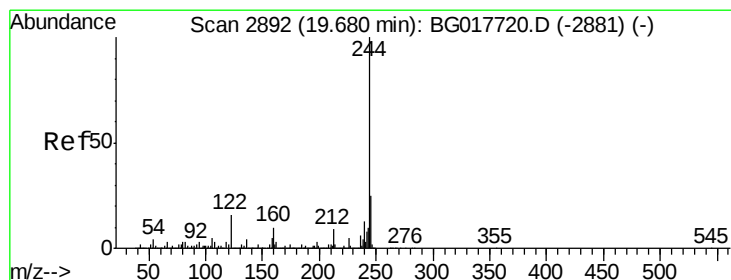
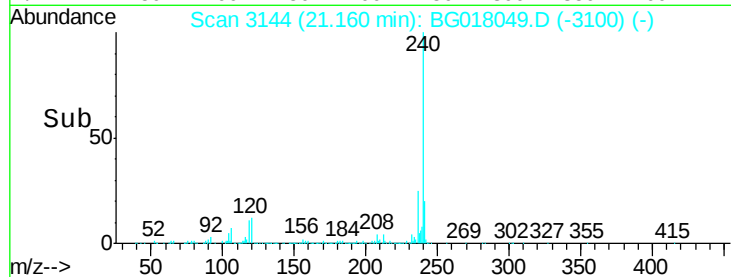
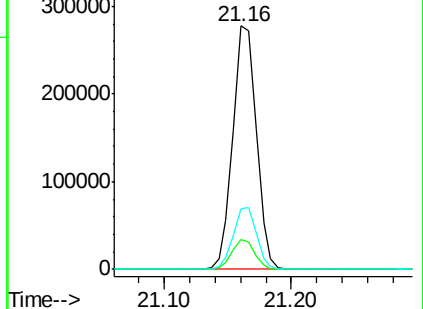
236 24.8 20.0 30.0



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: 98.30 ng

RT: 19.62 min Scan# 2881

Delta R.T. -0.03 min

Lab File: BG018049.D

Acq: 22 Jul 2015 8:31

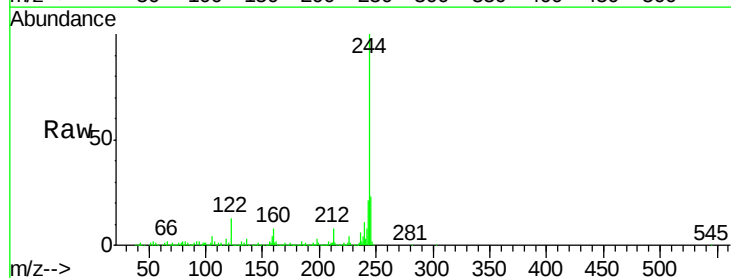
Tgt Ion:244 Resp: 1384963

Ion Ratio Lower Upper

244 100

212 8.0 7.2 10.8

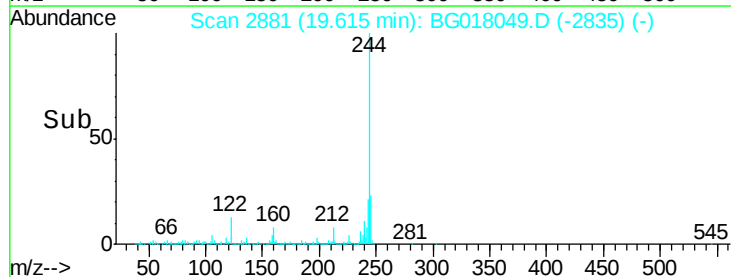
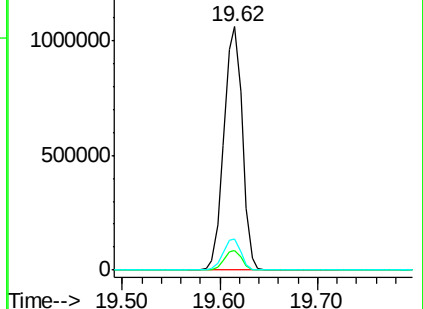
122 12.7 12.8 19.2#

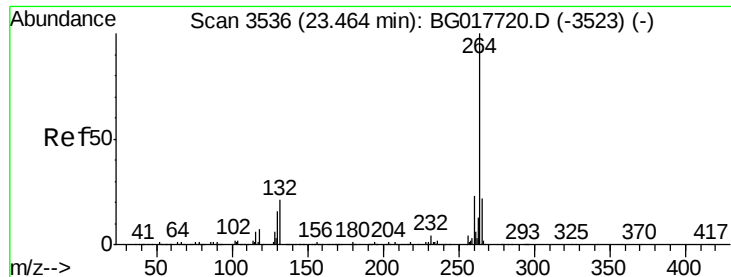


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.36 min Scan# 3519

Delta R.T. -0.05 min

Lab File: BG018049.D

Acq: 22 Jul 2015 8:31

Instrument :

BNA_G

ClientSampleId :

SB-09-1.0-1.5

Tgt Ion: 264 Resp: 353974

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 20.6 18.2 27.2

