

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
 Data File : BG019143.D
 Acq On : 11 Oct 2015 7:19
 Operator : UM/NP
 Sample : G3929-17
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP-Y

Quant Time: Oct 12 07:26:34 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 07:23:23 2015
 Response via : Initial Calibration

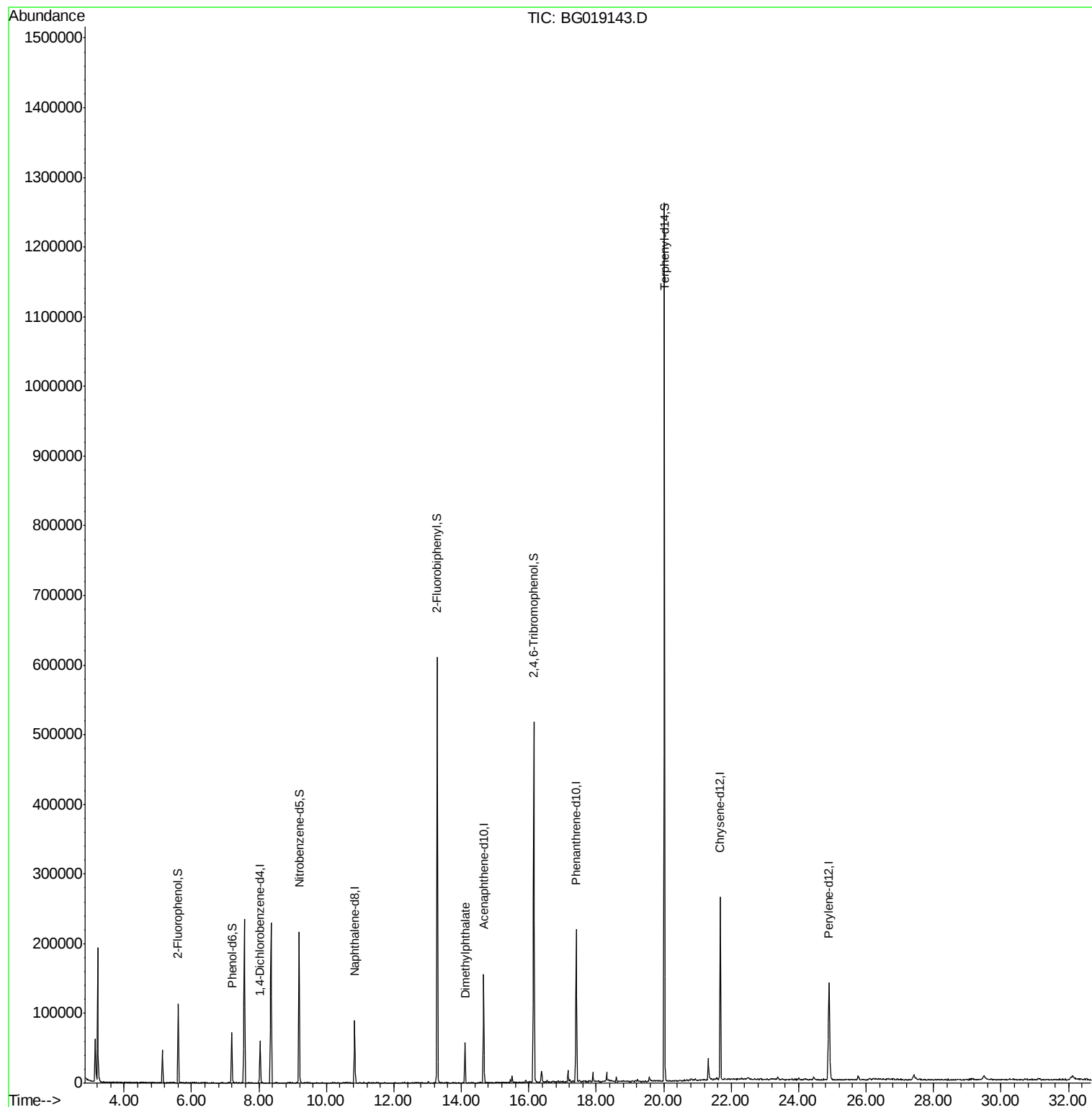
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	15623	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	70957	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	51120	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	129863	20.00	ng	0.00
75) Chrysene-d12	21.67	240	157135	20.00	ng	0.00
86) Perylene-d12	24.90	264	150477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	41770	54.44	ng	0.00
7) Phenol-d6	7.19	99	38261	32.46	ng	0.00
23) Nitrobenzene-d5	9.19	82	124855	97.22	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	89827	128.95	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	307537	92.50	ng	0.00
78) Terphenyl-d14	20.02	244	533501	89.69	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.11	163	36525	9.05	ng	Qvalue 97

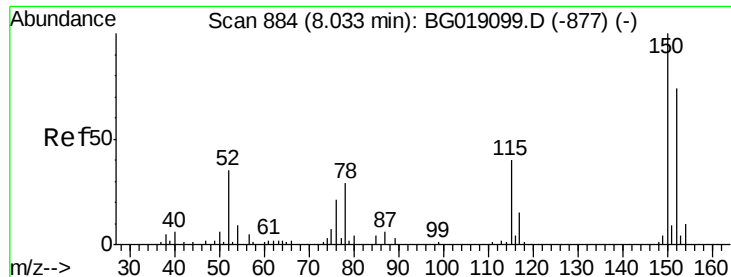
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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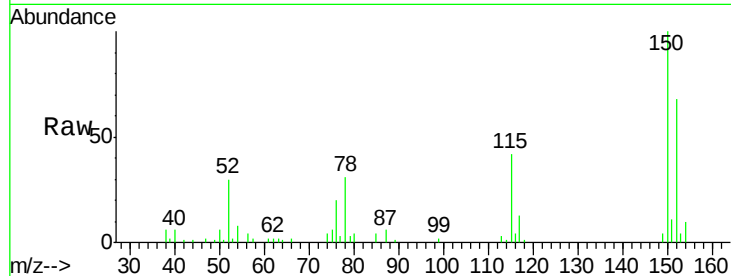


#1

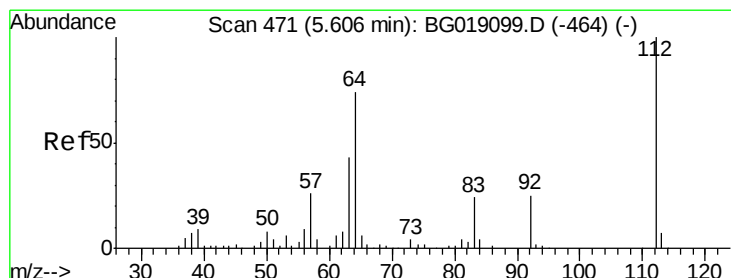
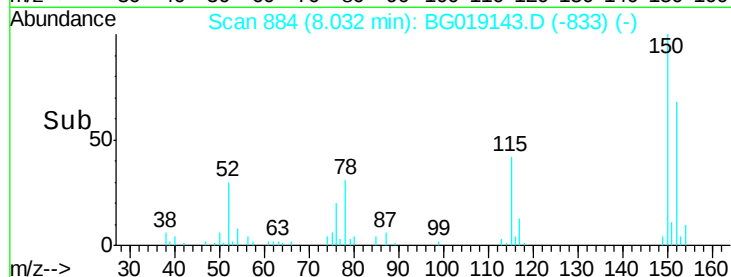
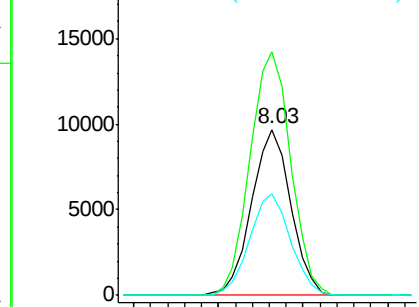
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. 0.00 min
Lab File: BG019143.D
Acq: 11 Oct 2015 7:19

Instrument :
BNA_G
ClientSampled :
DUP-Y

Tot Ion:152 Resp: 15623
Ion Ratio Lower Upper
152 100
150 146.9 108.2 162.2
115 61.0 43.2 64.8



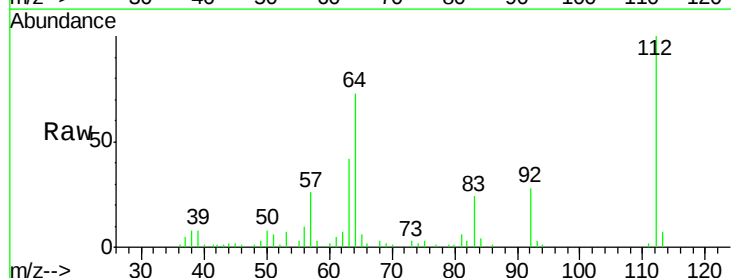
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



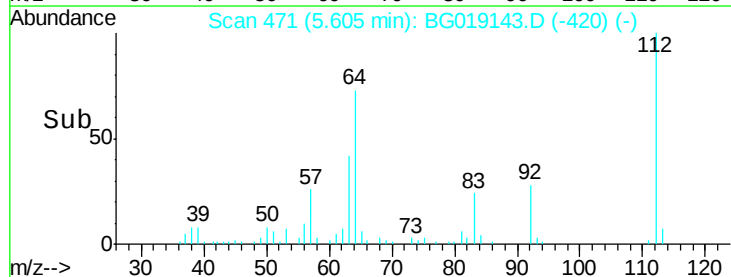
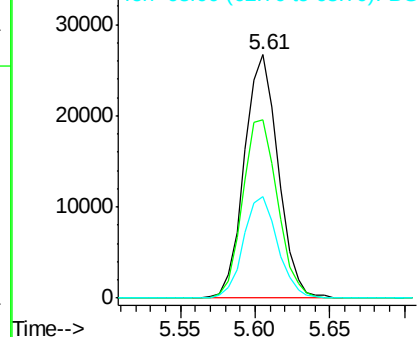
#5

2-Fluorophenol
Concen: 54.44 ng
RT: 5.61 min Scan# 471
Delta R.T. 0.00 min
Lab File: BG019143.D
Acq: 11 Oct 2015 7:19

Tgt Ion:112 Resp: 41770
Ion Ratio Lower Upper
112 100
64 73.5 59.0 88.4
63 42.0 34.7 52.1



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: 32.46 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG019143.D

Acq: 11 Oct 2015 7:19

Instrument :

BNA_G

ClientSampleId :

DUP-Y

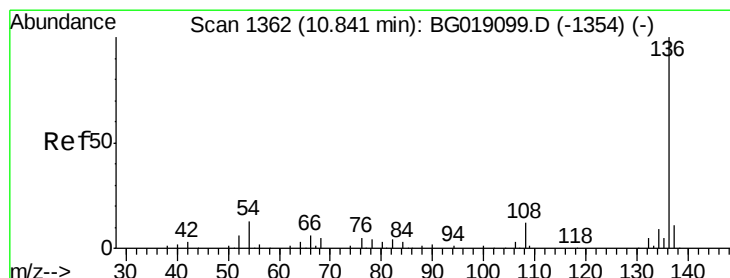
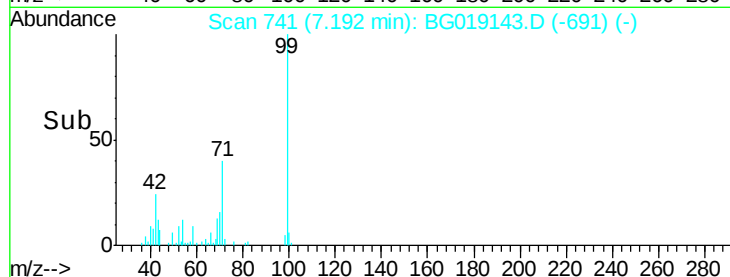
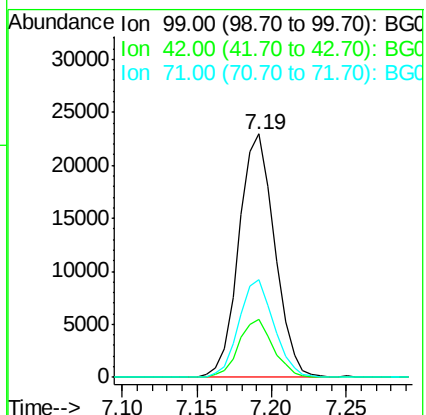
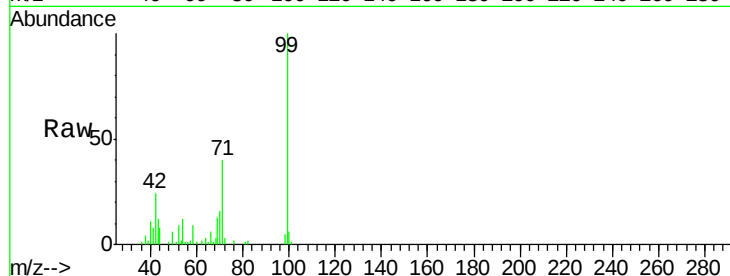
Tot Ion: 99 Resp: 38261

Ion Ratio Lower Upper

99 100

42 23.9 19.5 29.3

71 40.1 31.4 47.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.83 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BG019143.D

Acq: 11 Oct 2015 7:19

Tgt Ion: 136 Resp: 70957

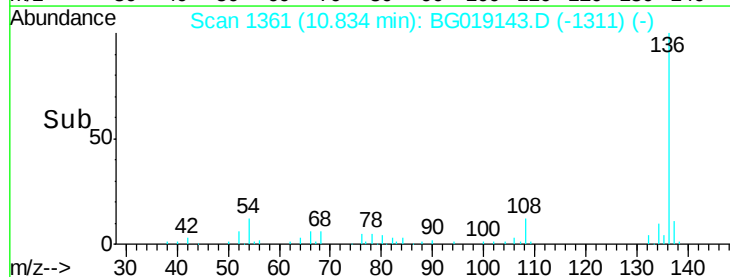
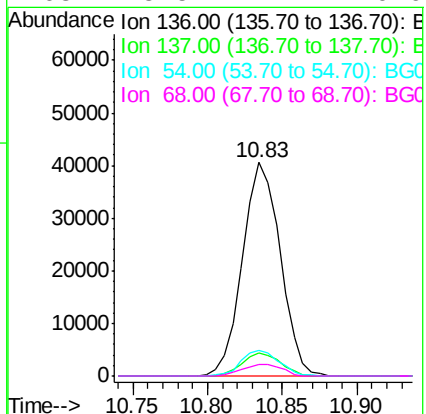
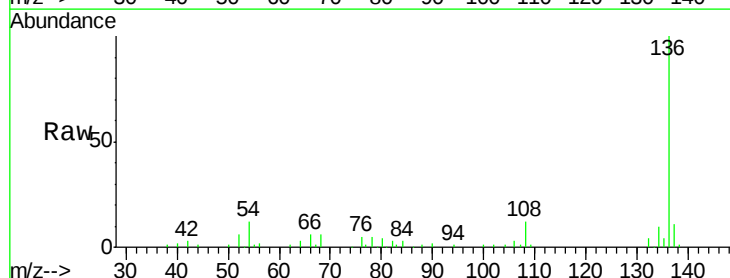
Ion Ratio Lower Upper

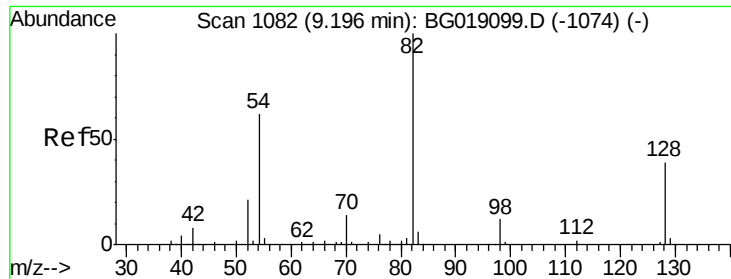
136 100

137 10.5 9.0 13.4

54 11.8 10.1 15.1

68 5.5 4.4 6.6

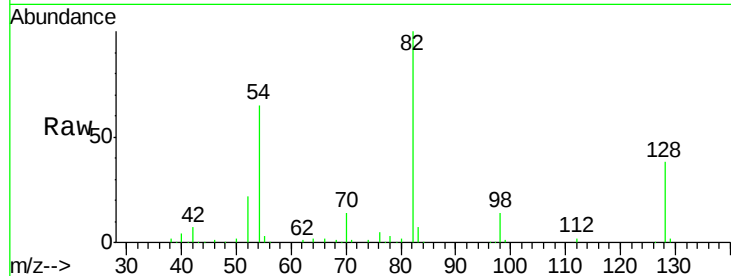




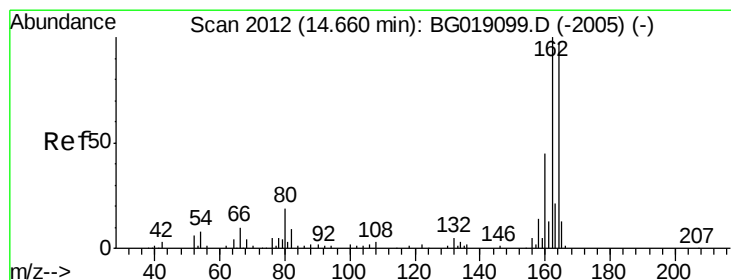
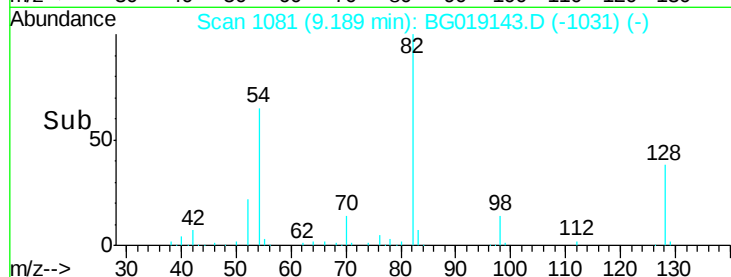
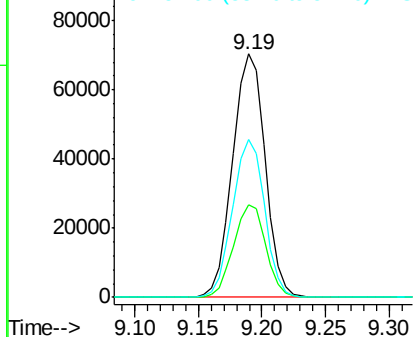
#23
 Nitrobenzene-d5
 Concen: 97.22 ng
 RT: 9.19 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BG019143.D
 Acq: 11 Oct 2015 7:19

Instrument :
 BNA_G
 ClientSampleId :
 DUP-Y

Tot Ion	82	Resp	124855
Ion Ratio	100	Lower	Upper
128	38.2	31.4	47.2
54	64.9	50.0	75.0

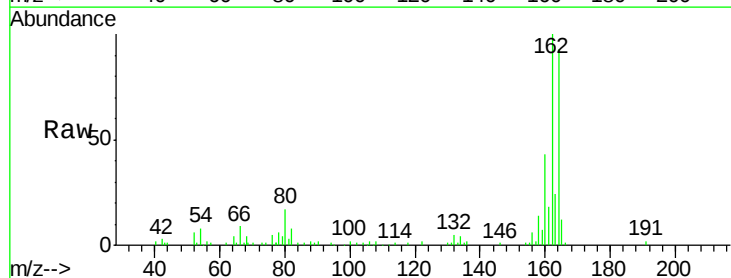


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

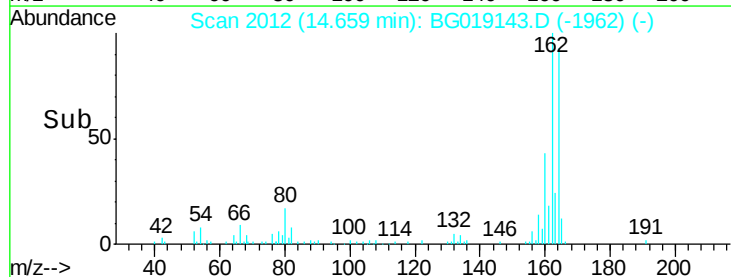
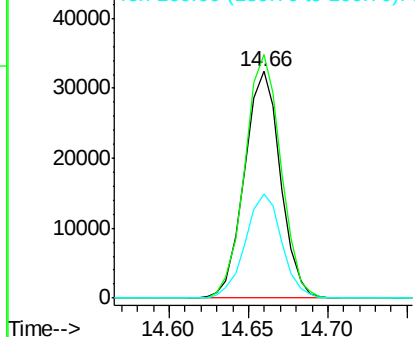


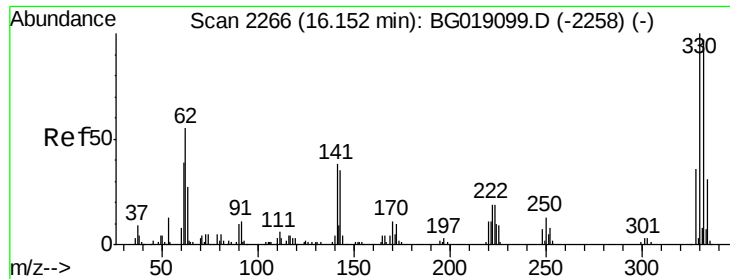
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BG019143.D
 Acq: 11 Oct 2015 7:19

Tgt Ion	164	Resp	51120
Ion Ratio	100	Lower	Upper
162	107.3	82.6	124.0
160	46.1	36.9	55.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

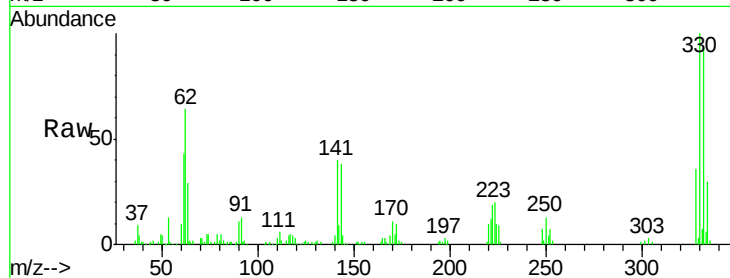




#41
 2,4,6-Tribromophenol
 Concen: 128.95 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BG019143.D
 Acq: 11 Oct 2015 7:19

Instrument :
 BNA_G
 ClientSampleId :
 DUP-Y

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	39.2	30.7	46.1

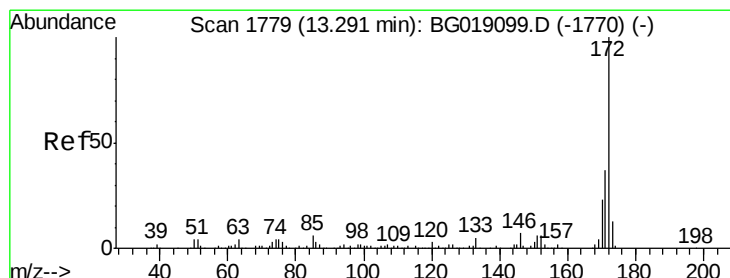
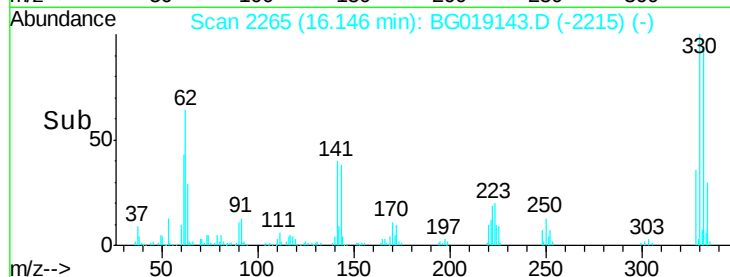
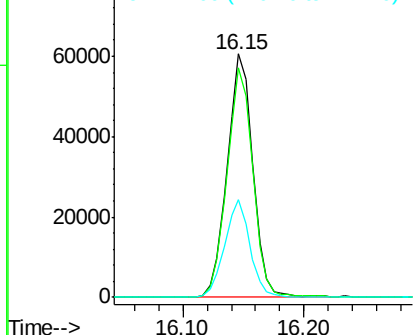


Abundance

Ion 329.80 (329.50 to 330.50): E

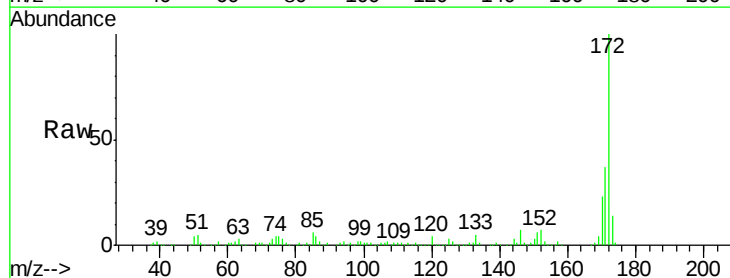
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.50 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG019143.D
 Acq: 11 Oct 2015 7:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.9	44.9
170	23.0	18.6	27.8

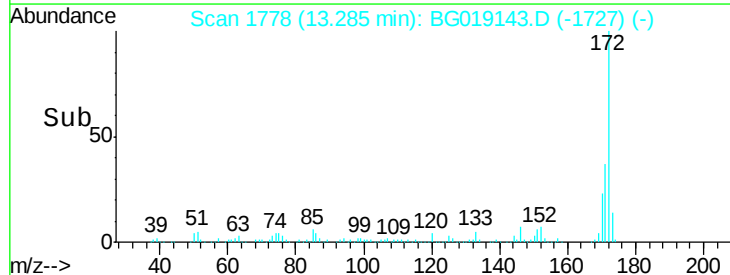
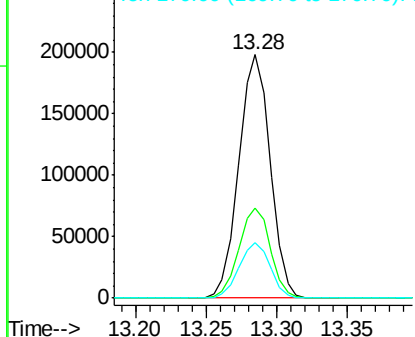


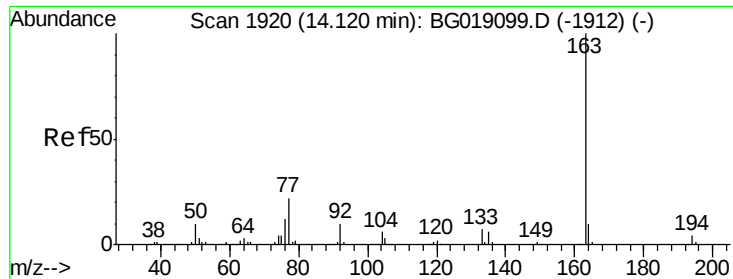
Abundance

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: 9.05 ng

RT: 14.11 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG019143.D

Acq: 11 Oct 2015 7:19

Instrument :

BNA_G

ClientSampleId :

DUP-Y

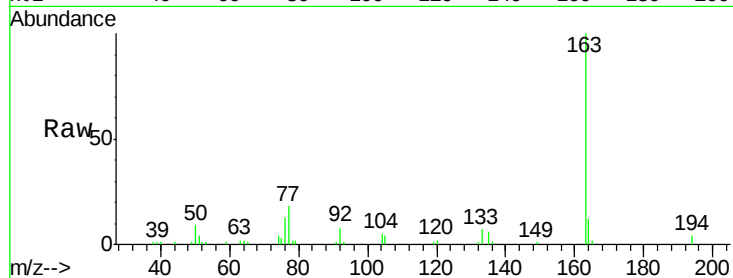
Tot Ion:163 Resp: 36525

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

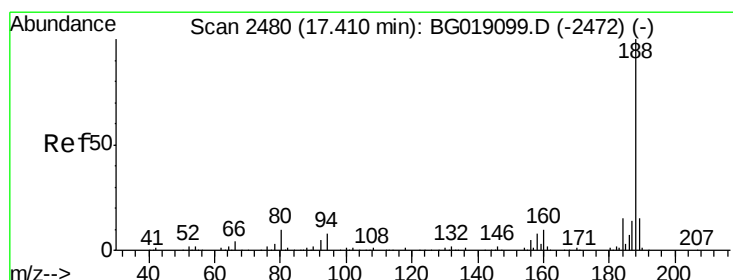
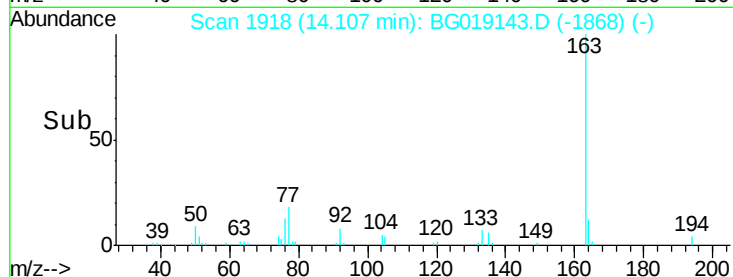
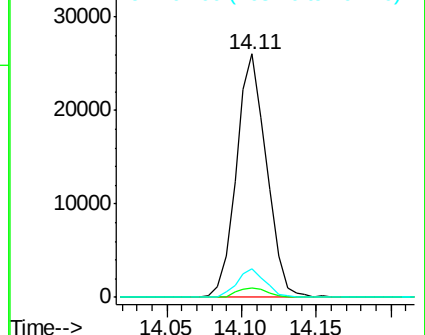
164 11.8 8.1 12.1



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: 17.40 min Scan# 2479

Delta R.T. -0.01 min

Lab File: BG019143.D

Acq: 11 Oct 2015 7:19

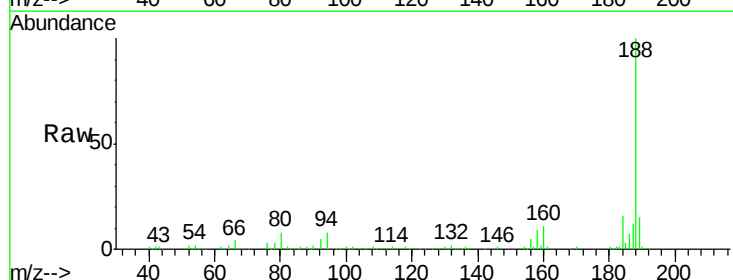
Tgt Ion:188 Resp: 129863

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

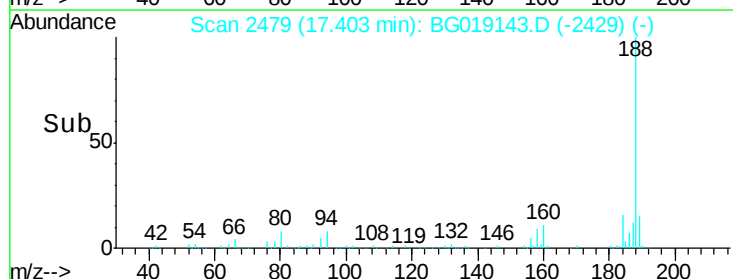
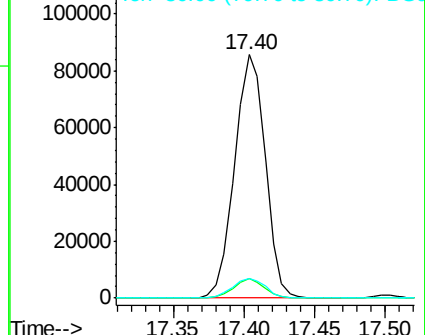
80 8.1 7.6 11.4

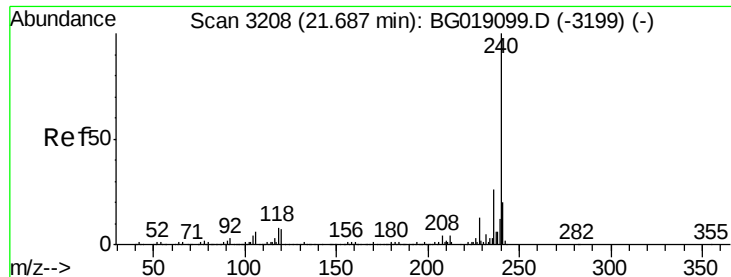


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.67 min Scan# 3206

Delta R.T. -0.01 min

Lab File: BG019143.D

Acq: 11 Oct 2015 7:19

Instrument :

BNA_G

ClientSampled :

DUP-Y

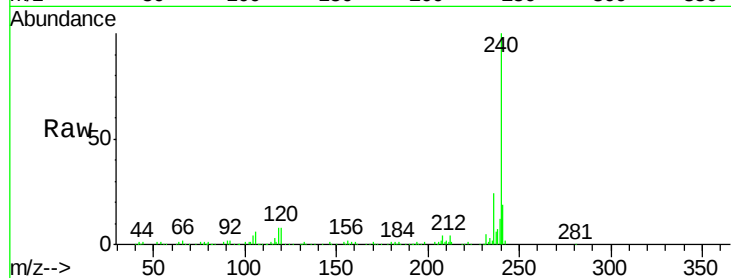
Tot Ion:240 Resp: 157135

Ion Ratio Lower Upper

240 100

120 8.1 5.8 8.6

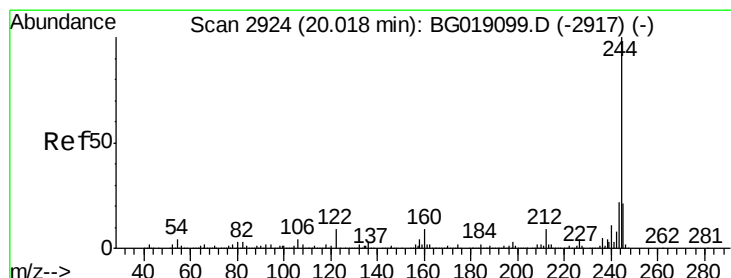
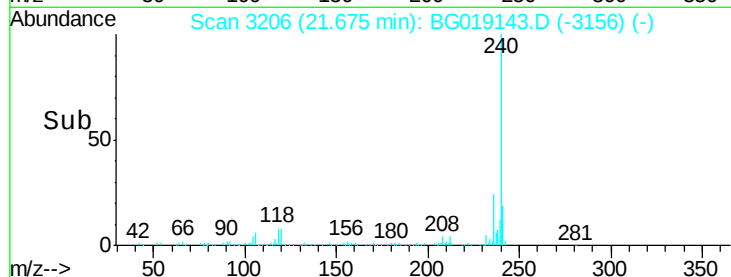
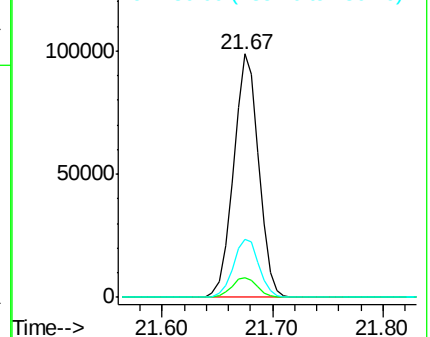
236 24.1 21.2 31.8



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: 89.69 ng

RT: 20.02 min Scan# 2924

Delta R.T. 0.00 min

Lab File: BG019143.D

Acq: 11 Oct 2015 7:19

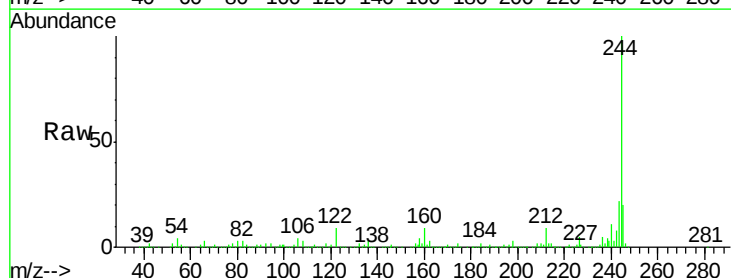
Tgt Ion:244 Resp: 533501

Ion Ratio Lower Upper

244 100

212 8.7 6.8 10.2

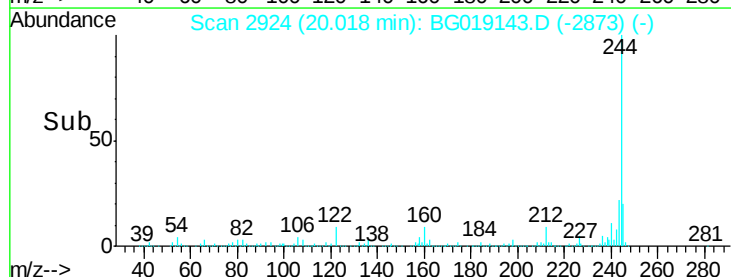
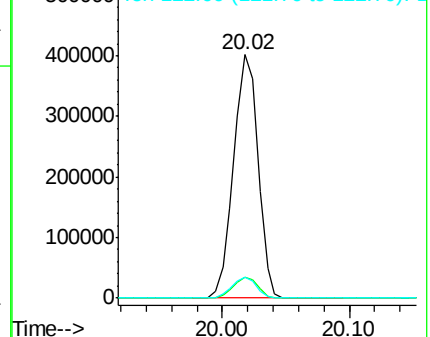
122 8.8 7.4 11.2

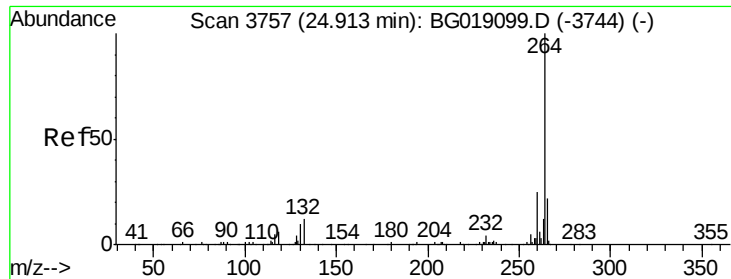


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.90 min Scan# 3755
 Delta R.T. -0.01 min
 Lab File: BG019143.D
 Acq: 11 Oct 2015 7:19

Instrument :
 BNA_G
 ClientSampleId :
 DUP-Y

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.1	30.1
265	21.9	17.2	25.8

