

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
 Data File : BG019147.D
 Acq On : 11 Oct 2015 9:50
 Operator : UM/NP
 Sample : G3978-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 12 07:27:26 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

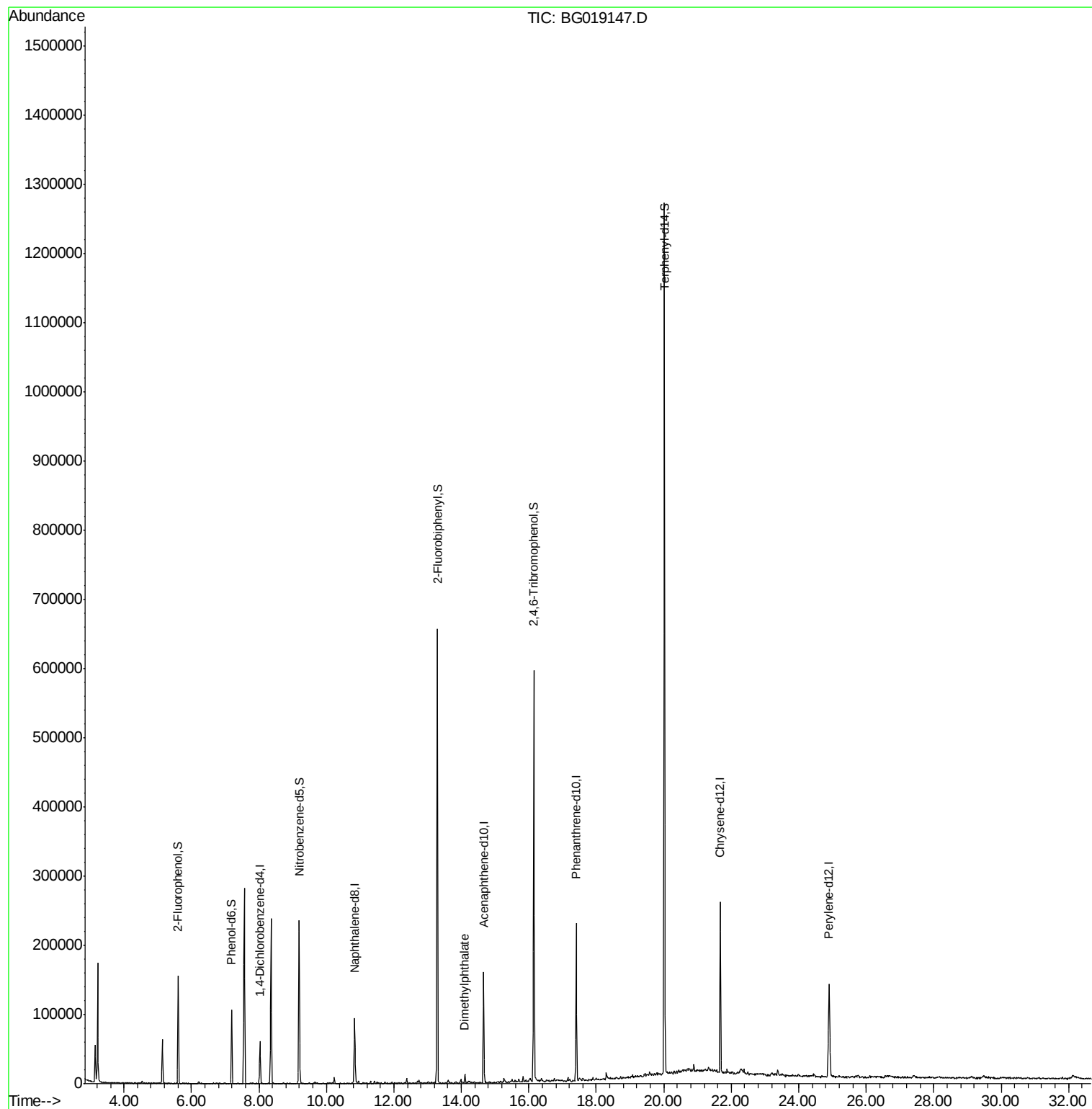
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	16341	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	74407	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	53770	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	133399	20.00	ng	0.00
75) Chrysene-d12	21.68	240	153350	20.00	ng	0.00
86) Perylene-d12	24.90	264	149610	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	57587	71.75	ng	0.00
7) Phenol-d6	7.19	99	56669	45.96	ng	0.00
23) Nitrobenzene-d5	9.19	82	135207	100.40	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	110266	150.49	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	339620	97.12	ng	0.00
78) Terphenyl-d14	20.02	244	532718	91.76	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.11	163	8715	2.05	ng	Qvalue # 97

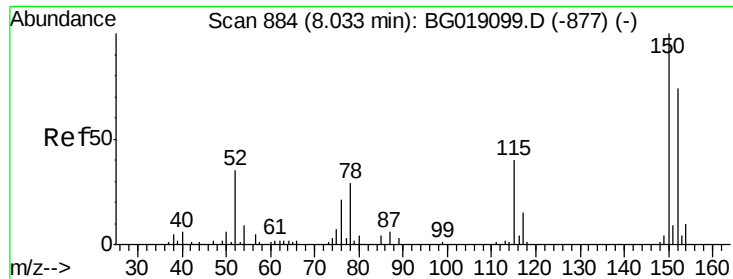
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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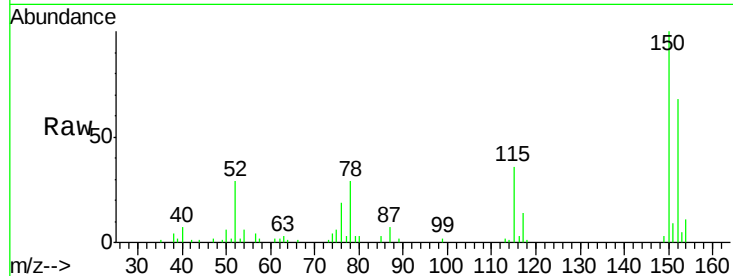


#1

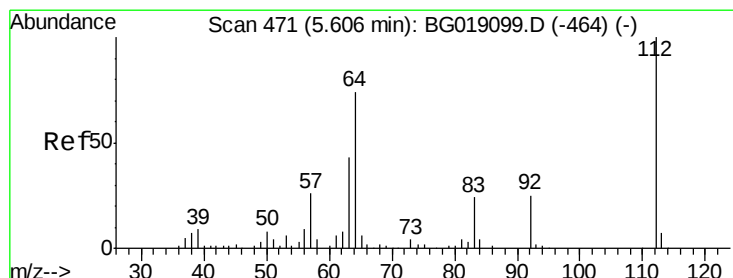
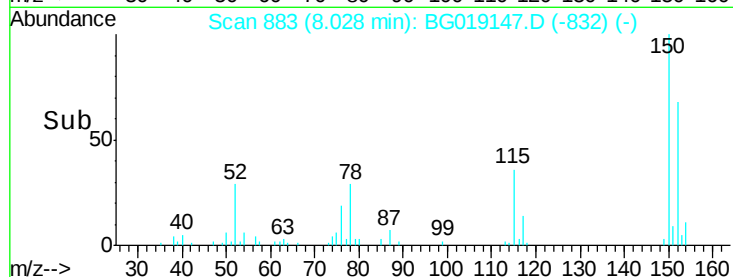
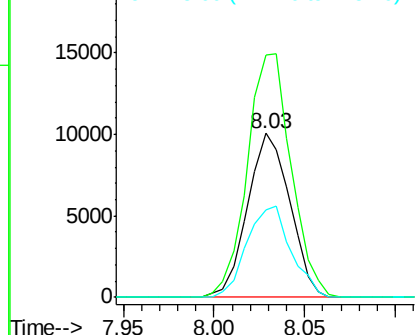
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG019147.D
Acq: 11 Oct 2015 9:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 16341
Ion Ratio Lower Upper
152 100
150 147.4 108.2 162.2
115 53.3 43.2 64.8



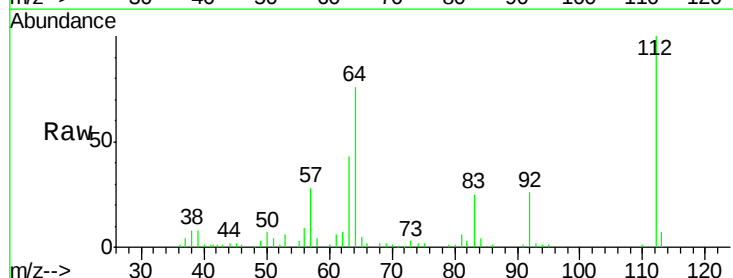
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



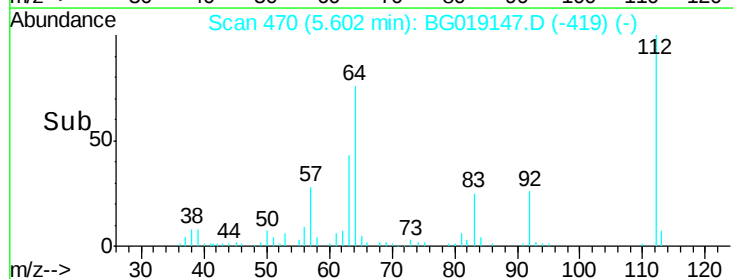
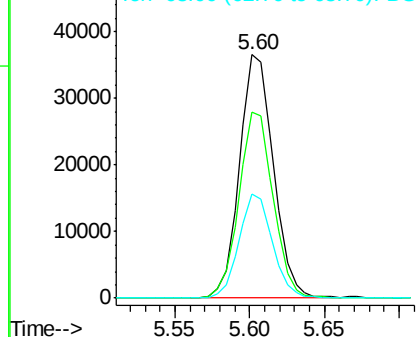
#5

2-Fluorophenol
Concen: 71.75 ng
RT: 5.60 min Scan# 470
Delta R.T. -0.00 min
Lab File: BG019147.D
Acq: 11 Oct 2015 9:50

Tgt Ion:112 Resp: 57587
Ion Ratio Lower Upper
112 100
64 76.2 59.0 88.4
63 42.6 34.7 52.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 45.96 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG019147.D

Acq: 11 Oct 2015 9:50

Instrument :

BNA_G

ClientSampleId :

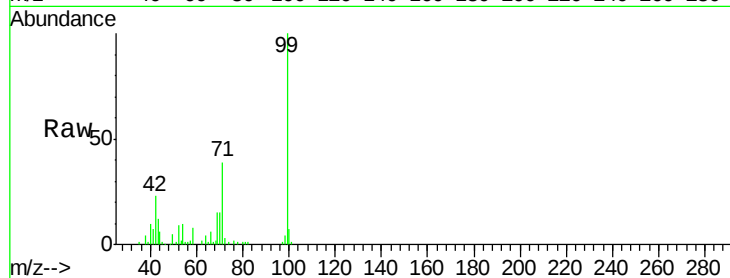
Tot Ion: 99 Resp: 56669

Ion Ratio Lower Upper

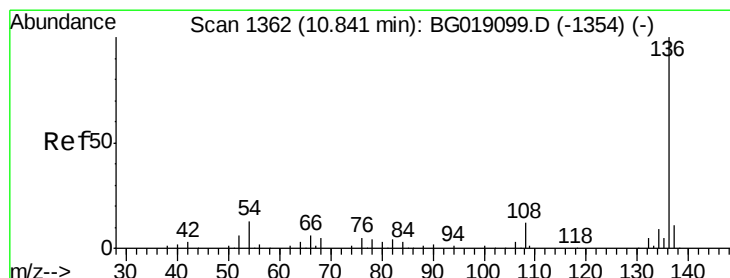
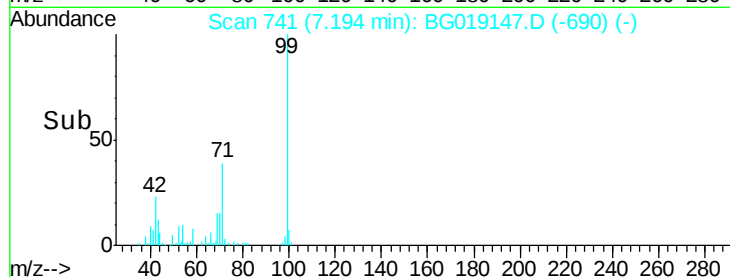
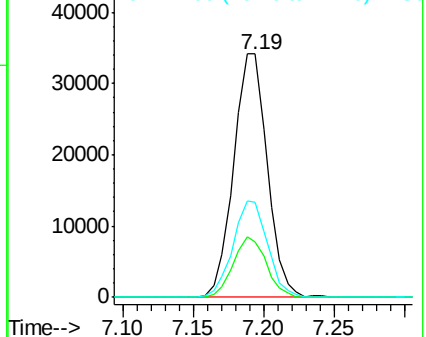
99 100

42 22.7 19.5 29.3

71 39.3 31.4 47.0



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: 10.84 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BG019147.D

Acq: 11 Oct 2015 9:50

Tgt Ion: 136 Resp: 74407

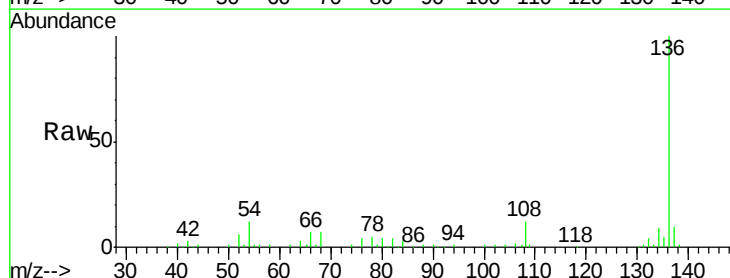
Ion Ratio Lower Upper

136 100

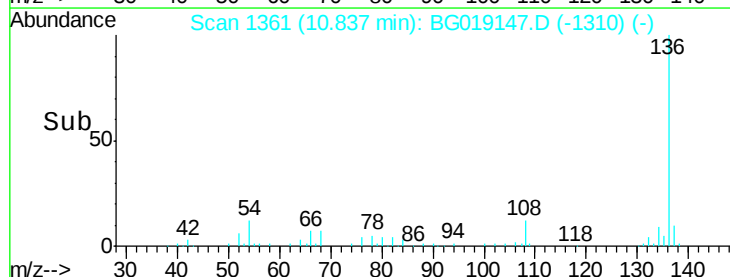
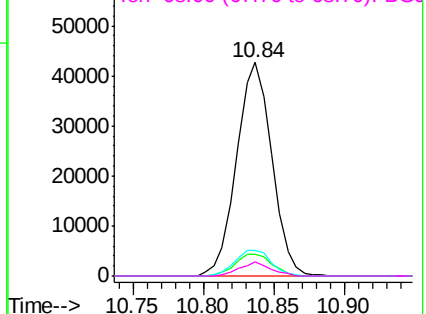
137 10.2 9.0 13.4

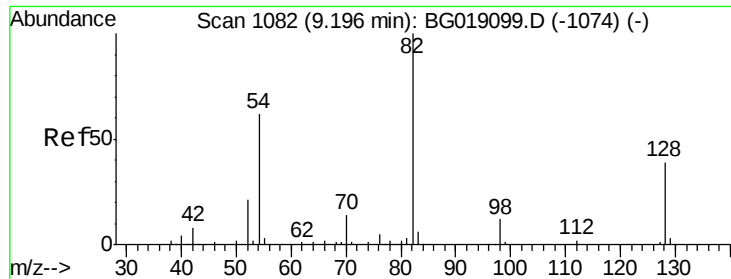
54 12.2 10.1 15.1

68 6.5 4.4 6.6



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

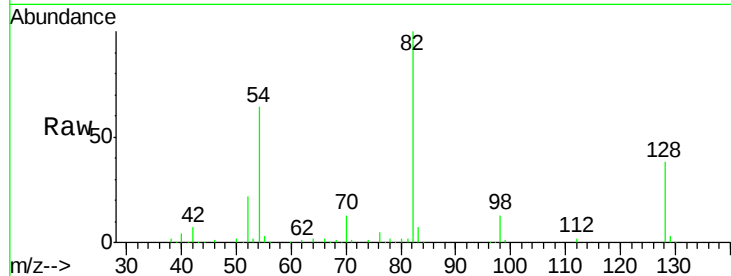




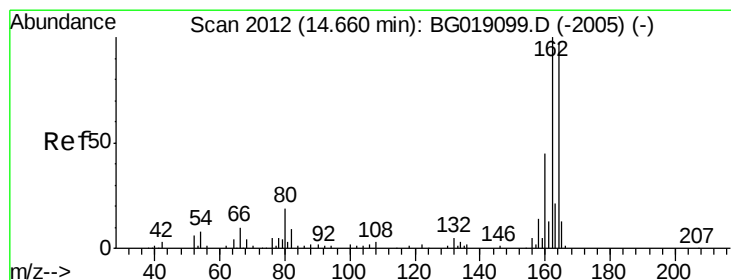
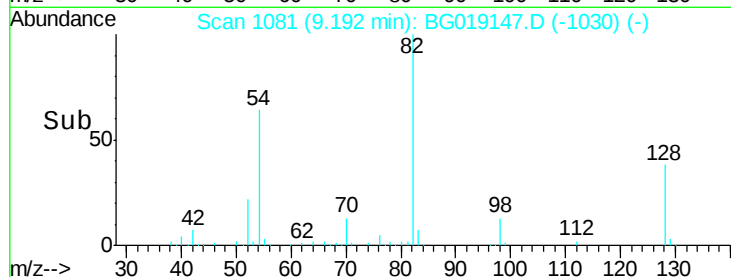
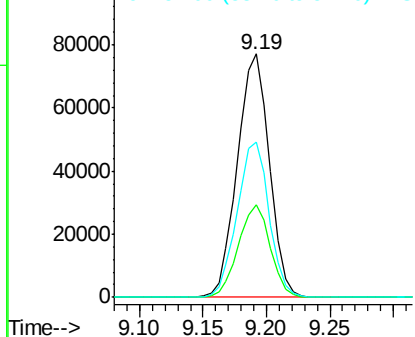
#23
Nitrobenzene-d5
Concen: 100.40 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BG019147.D
Acq: 11 Oct 2015 9:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	135207
Ion Ratio	Lower	Upper	
82	100		
128	37.8	31.4	47.2
54	63.6	50.0	75.0

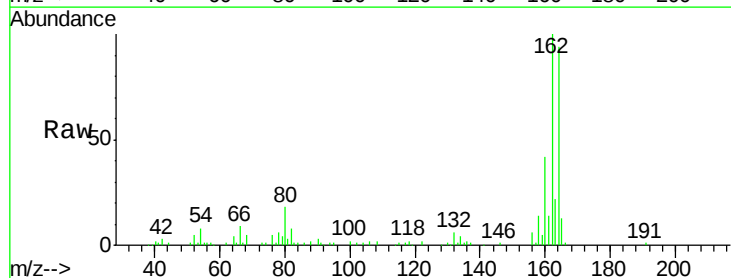


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

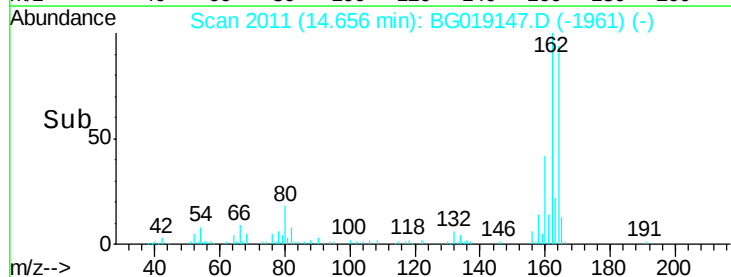
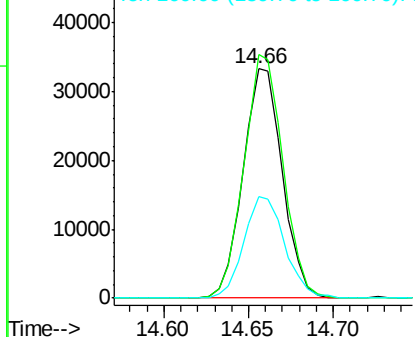


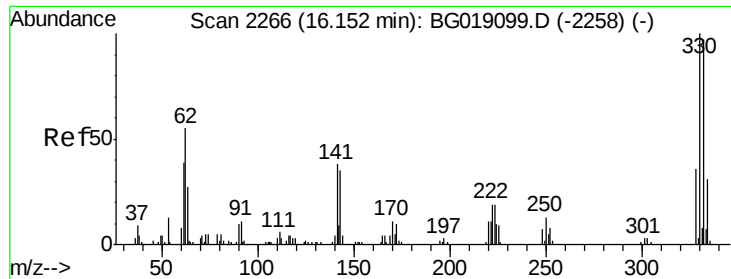
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG019147.D
Acq: 11 Oct 2015 9:50

Tgt Ion	164	Resp	53770
Ion Ratio	Lower	Upper	
164	100		
162	106.2	82.6	124.0
160	44.1	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

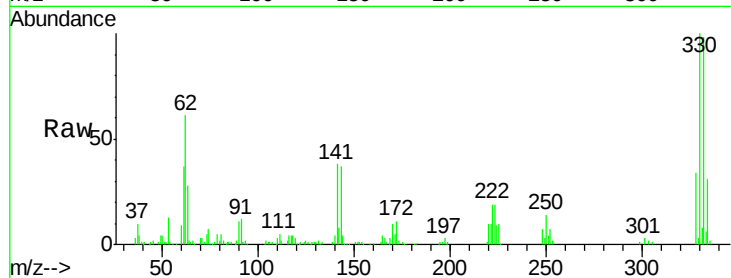




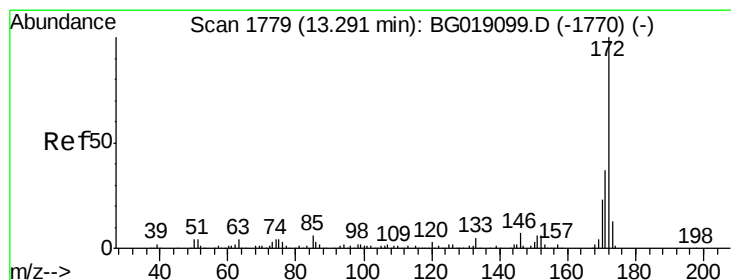
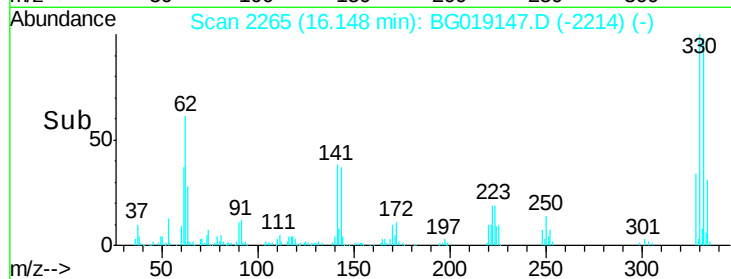
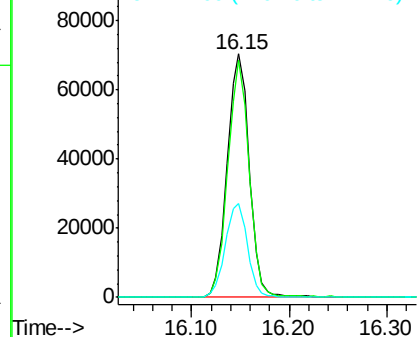
#41
 2,4,6-Tribromophenol
 Concen: 150.49 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BG019147.D
 Acq: 11 Oct 2015 9:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 110266
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.3 115.9
 141 38.7 30.7 46.1

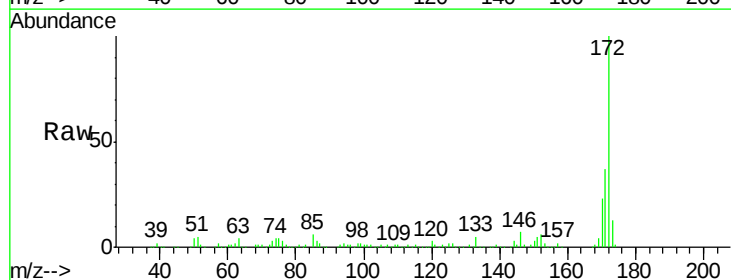


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

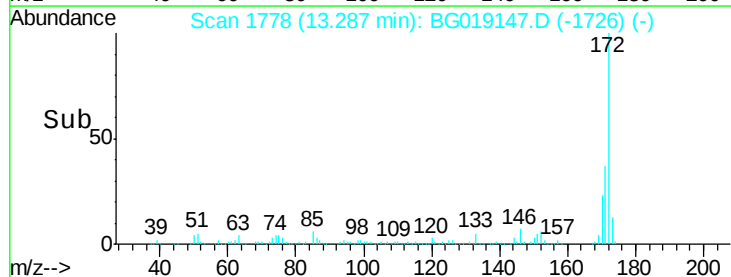
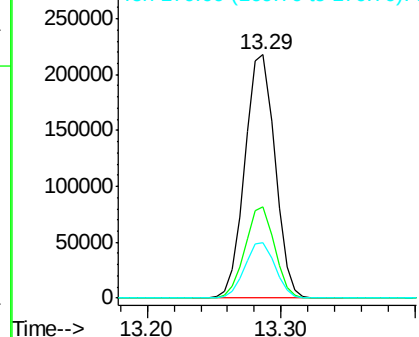


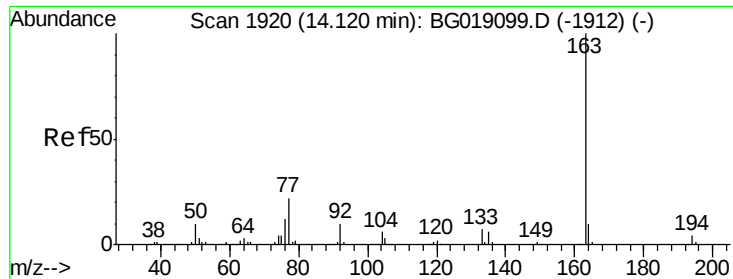
#44
 2-Fluorobiphenyl
 Concen: 97.12 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG019147.D
 Acq: 11 Oct 2015 9:50

Tgt Ion:172 Resp: 339620
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.9 44.9
 170 22.7 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: 2.05 ng

RT: 14.11 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG019147.D

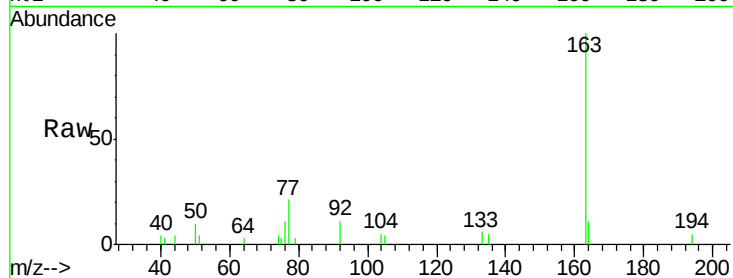
Acq: 11 Oct 2015 9:50

Instrument :

BNA_G

ClientSampleId :

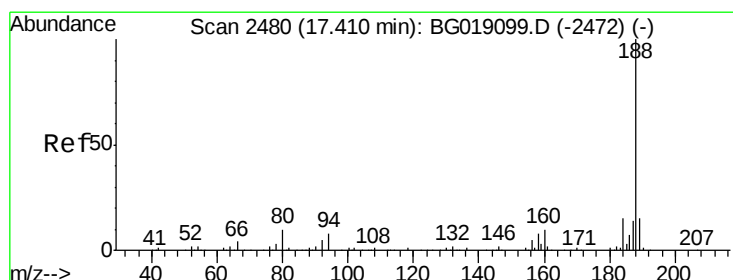
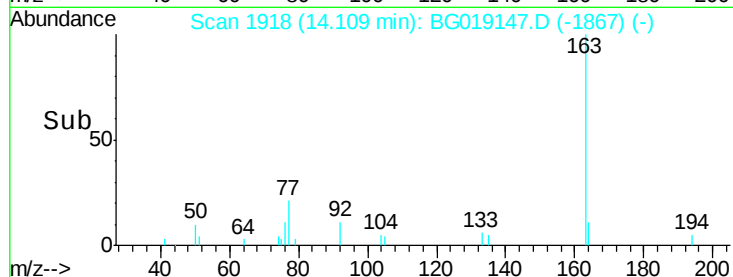
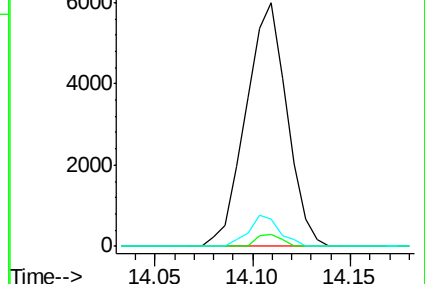
Tot Ion:	163	Resp:	8715
Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.2	4.8#
164	11.2	8.1	12.1



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

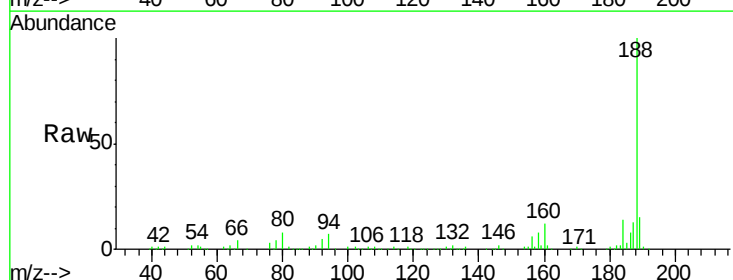
RT: 17.41 min Scan# 2479

Delta R.T. -0.00 min

Lab File: BG019147.D

Acq: 11 Oct 2015 9:50

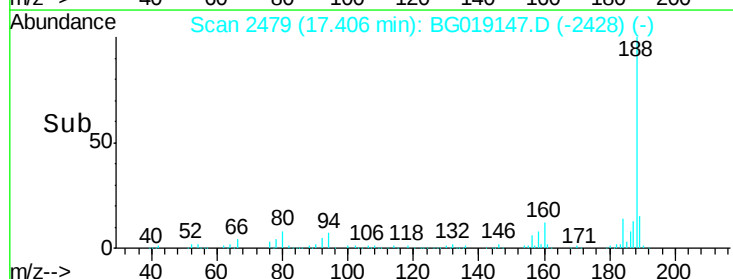
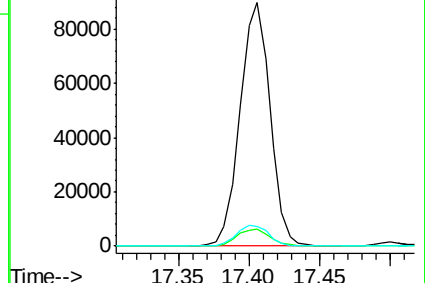
Tgt Ion:	188	Resp:	133399
Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.4	9.6
80	8.3	7.6	11.4

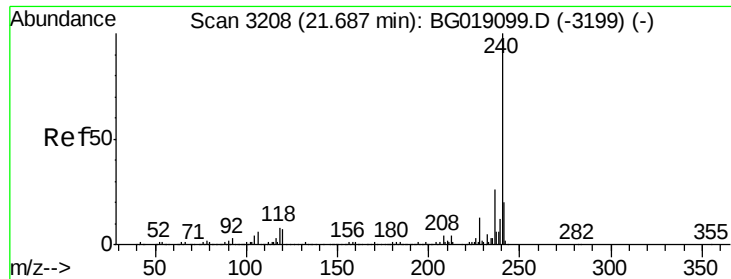


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.68 min Scan# 3206

Delta R.T. -0.00 min

Lab File: BG019147.D

Acq: 11 Oct 2015 9:50

Instrument :

BNA_G

ClientSampleId :

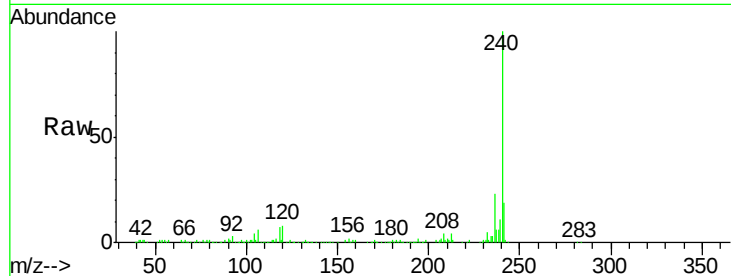
Tot Ion:240 Resp: 153350

Ion Ratio Lower Upper

240 100

120 8.3 5.8 8.6

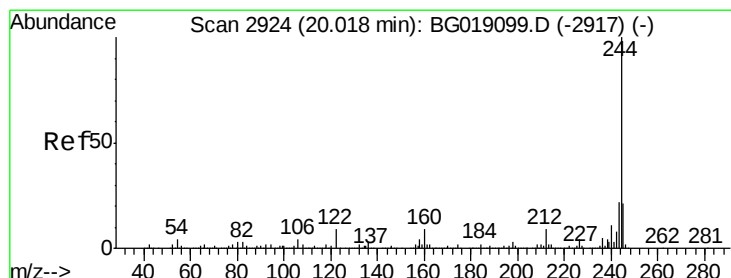
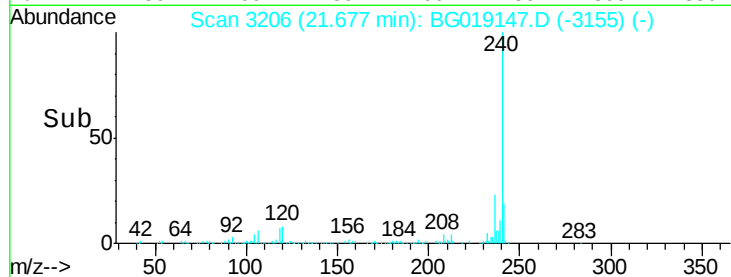
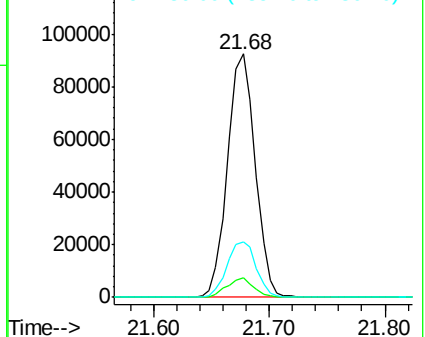
236 22.6 21.2 31.8



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: 91.76 ng

RT: 20.02 min Scan# 2924

Delta R.T. 0.00 min

Lab File: BG019147.D

Acq: 11 Oct 2015 9:50

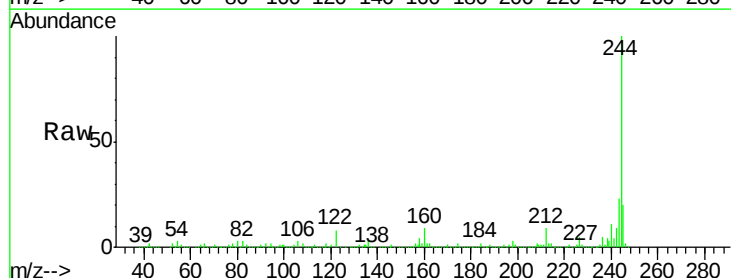
Tgt Ion:244 Resp: 532718

Ion Ratio Lower Upper

244 100

212 9.1 6.8 10.2

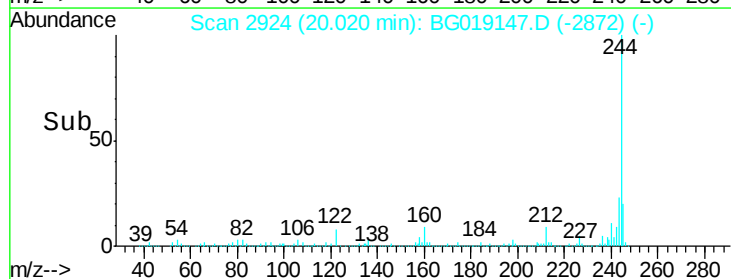
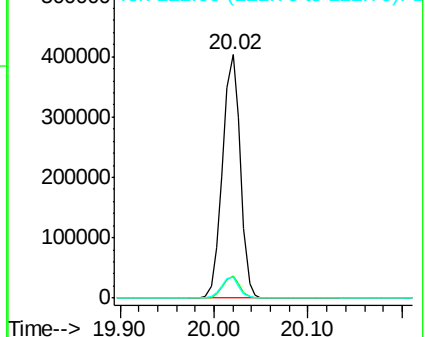
122 8.5 7.4 11.2

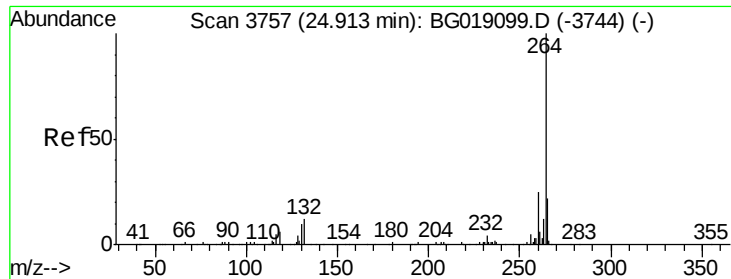


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.00 min
 Lab File: BG019147.D
 Acq: 11 Oct 2015 9:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	264	Resp:	149610
Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.1	30.1
265	20.5	17.2	25.8

