

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
 Data File : BG019146.D
 Acq On : 11 Oct 2015 9:12
 Operator : UM/NP
 Sample : G3971-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ERM4

Quant Time: Oct 12 07:27:13 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

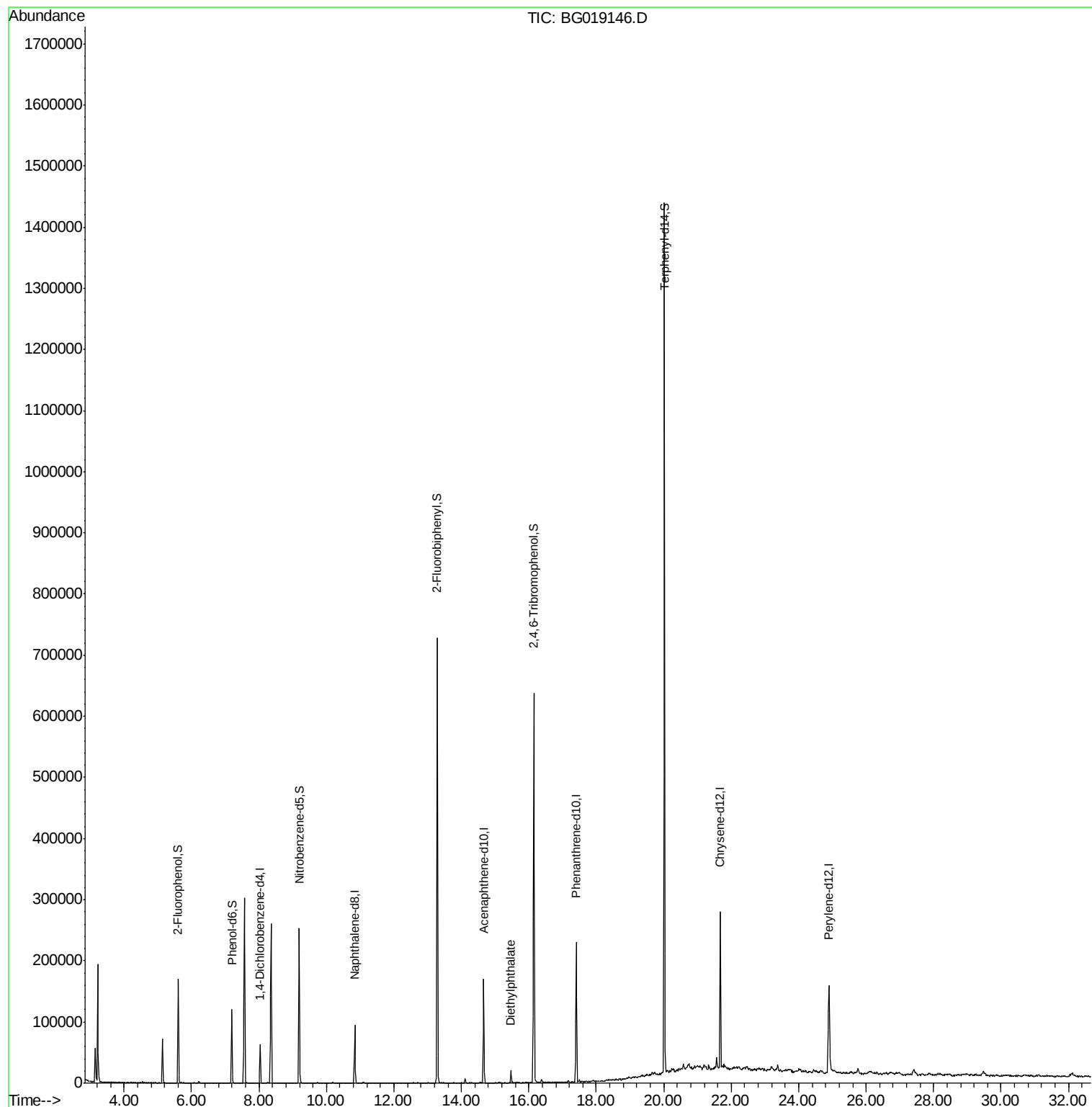
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	17328	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	76883	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	56145	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	138292	20.00	ng	0.00
75) Chrysene-d12	21.67	240	151594	20.00	ng	0.00
86) Perylene-d12	24.90	264	151298	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	62141	73.02	ng	0.00
7) Phenol-d6	7.19	99	62356	47.69	ng	0.00
23) Nitrobenzene-d5	9.19	82	147014	105.65	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	115722	151.25	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	372178	101.93	ng	0.00
78) Terphenyl-d14	20.02	244	602580	105.00	ng	0.00
Target Compounds						
59) Diethylphthalate	15.47	149	10498	2.28	ng	Qvalue # 97

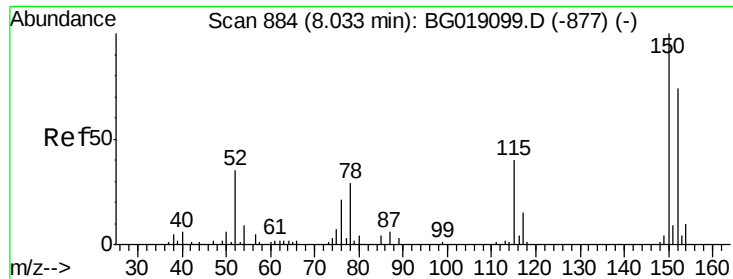
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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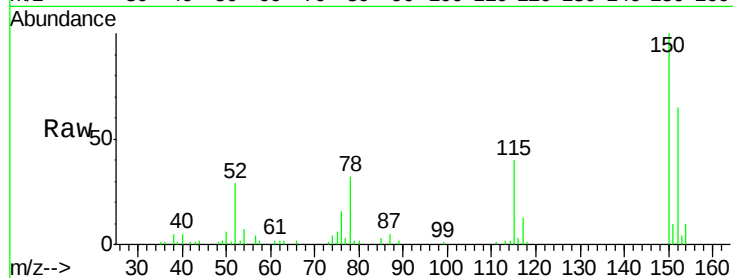




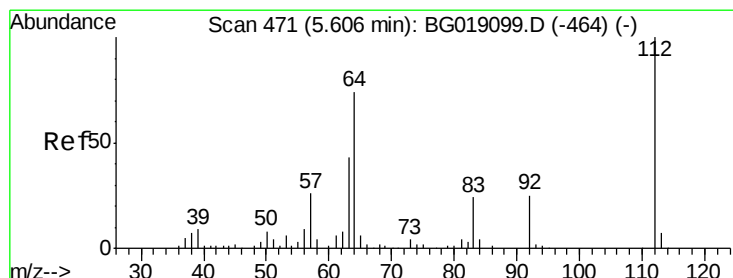
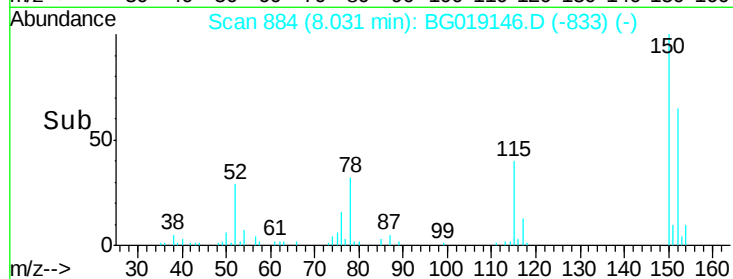
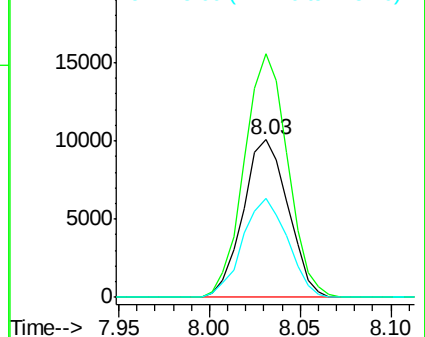
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.03 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG019146.D
 Acq: 11 Oct 2015 9:12

Instrument :
 BNA_G
 ClientSampleId :
 ERM4

Tot Ion:152 Resp: 17328
 Ion Ratio Lower Upper
 152 100
 150 154.8 108.2 162.2
 115 62.6 43.2 64.8

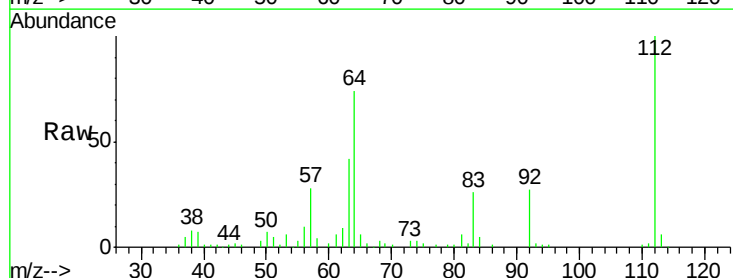


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

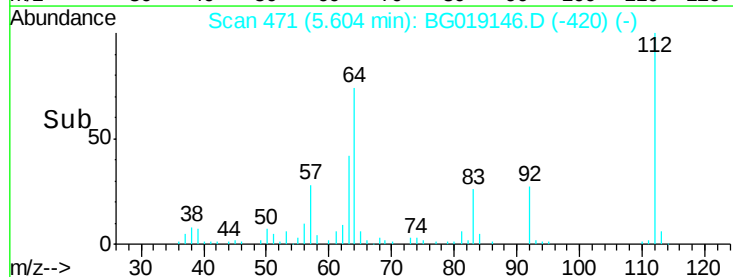
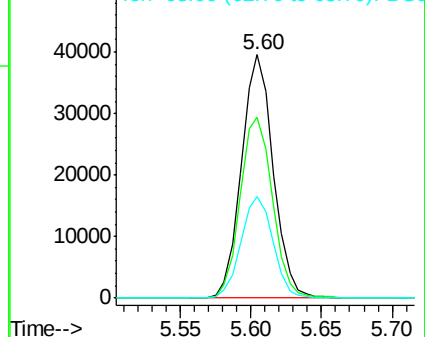


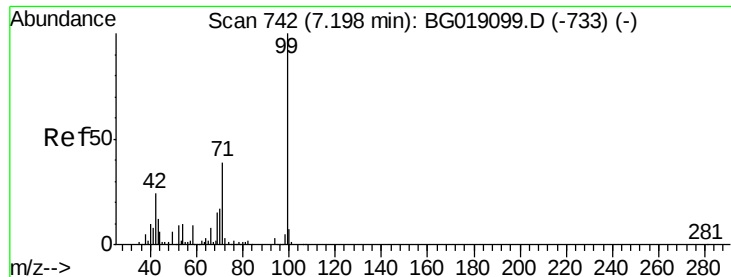
#5
 2-Fluorophenol
 Concen: 73.02 ng
 RT: 5.60 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BG019146.D
 Acq: 11 Oct 2015 9:12

Tgt Ion:112 Resp: 62141
 Ion Ratio Lower Upper
 112 100
 64 74.3 59.0 88.4
 63 41.8 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: 47.69 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG019146.D

Acq: 11 Oct 2015 9:12

Instrument :

BNA_G

ClientSampleId :

ERM4

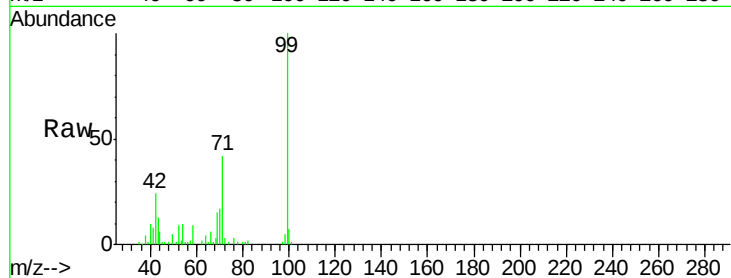
Tot Ion: 99 Resp: 62356

Ion Ratio Lower Upper

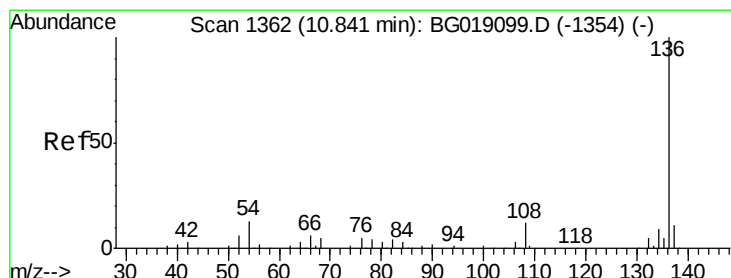
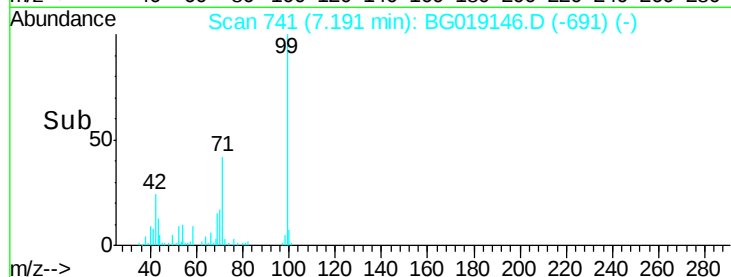
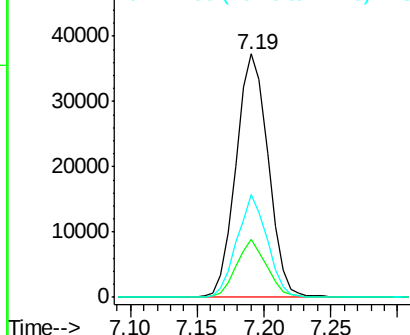
99 100

42 23.7 19.5 29.3

71 42.1 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: 10.83 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BG019146.D

Acq: 11 Oct 2015 9:12

Tgt Ion: 136 Resp: 76883

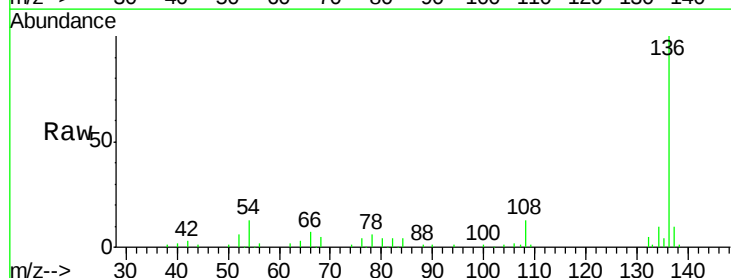
Ion Ratio Lower Upper

136 100

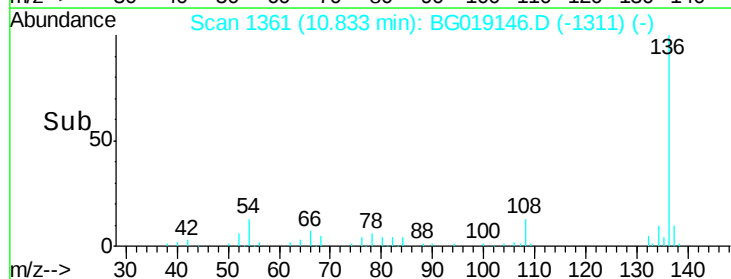
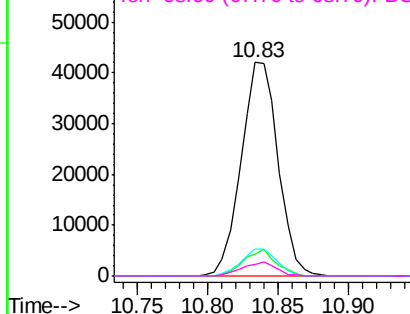
137 10.2 9.0 13.4

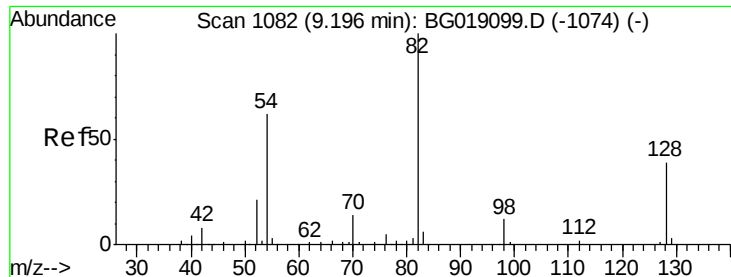
54 12.8 10.1 15.1

68 5.5 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

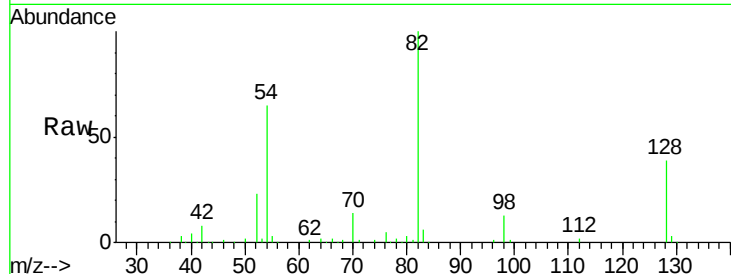




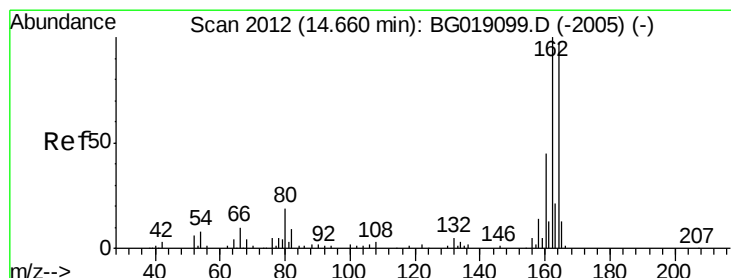
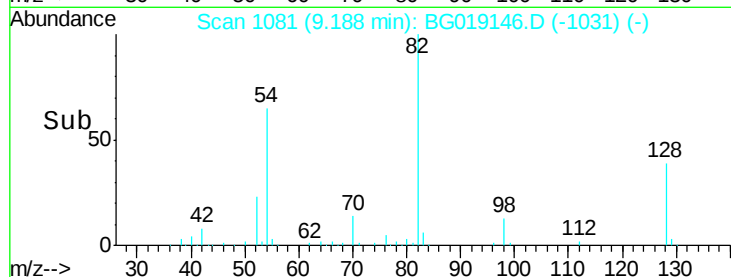
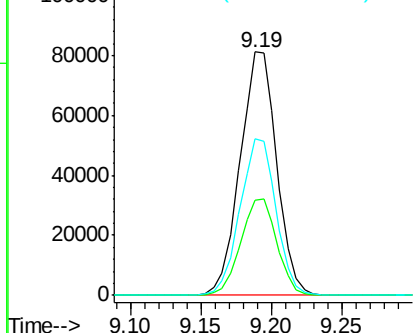
#23
Nitrobenzene-d5
Concen: 105.65 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BG019146.D
Acq: 11 Oct 2015 9:12

Instrument :
BNA_G
ClientSampleId :
ERM4

Tot Ion	82	Resp	147014
Ion Ratio	100		
Lower	31.4		
Upper	47.2		
54	64.5	50.0	75.0

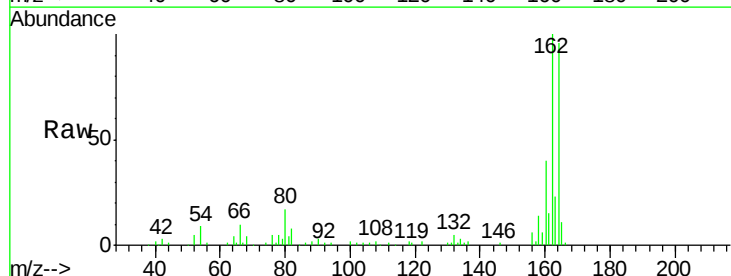


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

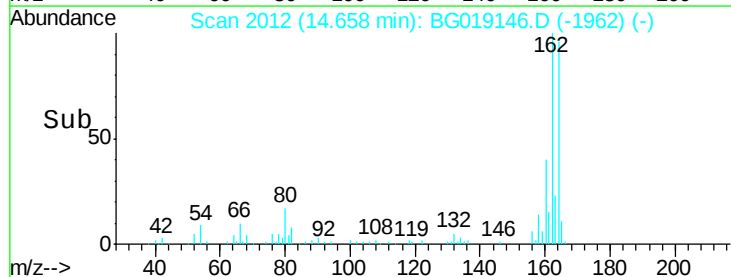
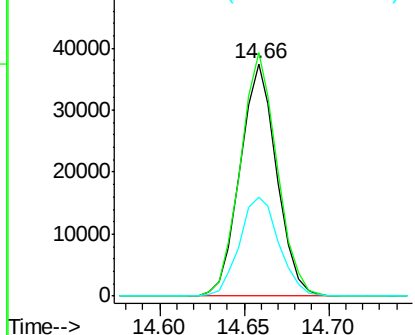


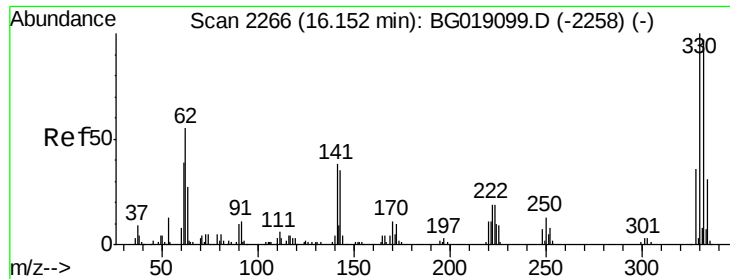
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG019146.D
Acq: 11 Oct 2015 9:12

Tgt Ion	164	Resp	56145
Ion Ratio	100		
Lower	82.6		
Upper	124.0		
162	104.6	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

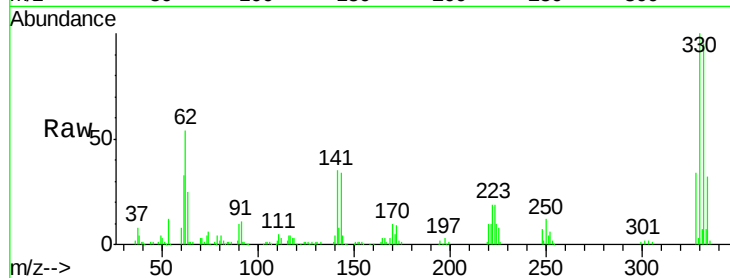




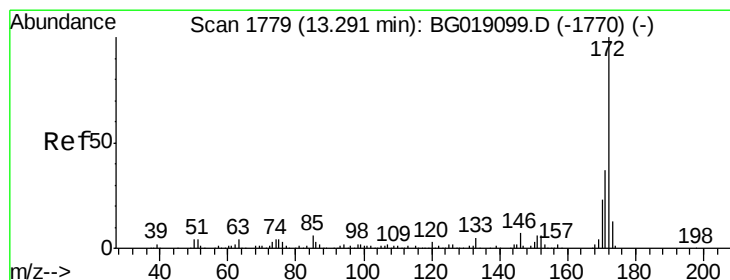
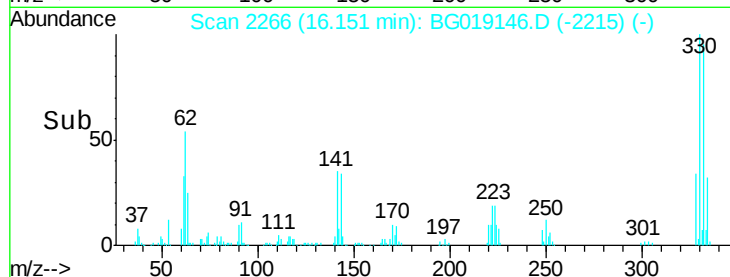
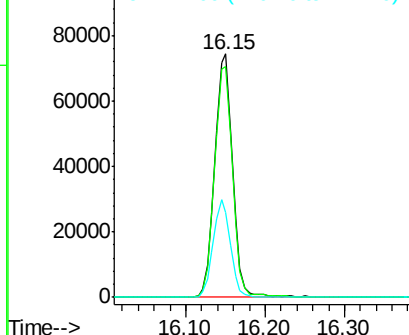
#41
 2,4,6-Tribromophenol
 Concen: 151.25 ng
 RT: 16.15 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BG019146.D
 Acq: 11 Oct 2015 9:12

Instrument :
 BNA_G
 ClientSampleId :
 ERM4

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	39.0	30.7	46.1

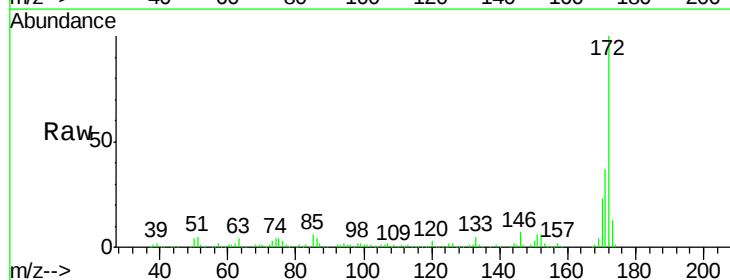


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

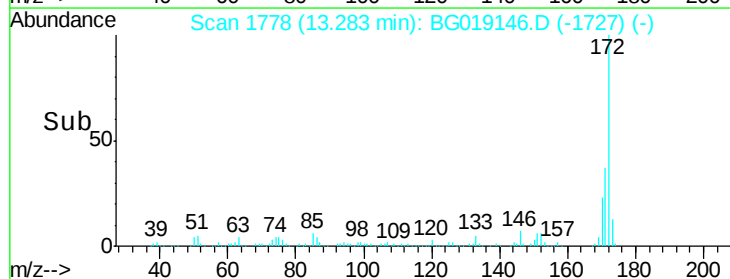
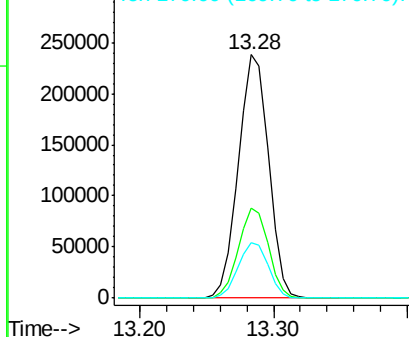


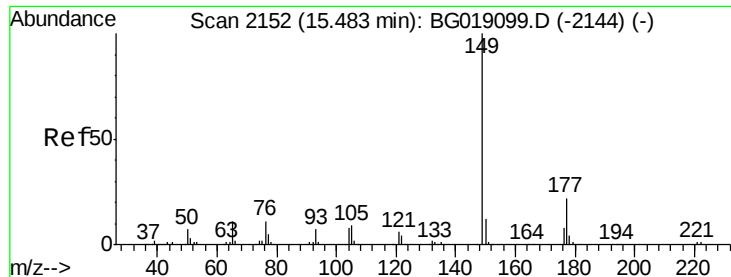
#44
 2-Fluorobiphenyl
 Concen: 101.93 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG019146.D
 Acq: 11 Oct 2015 9:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	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

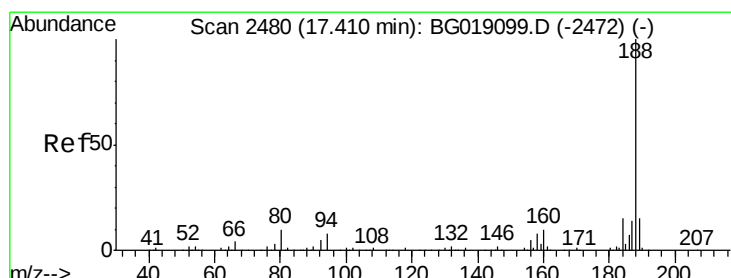
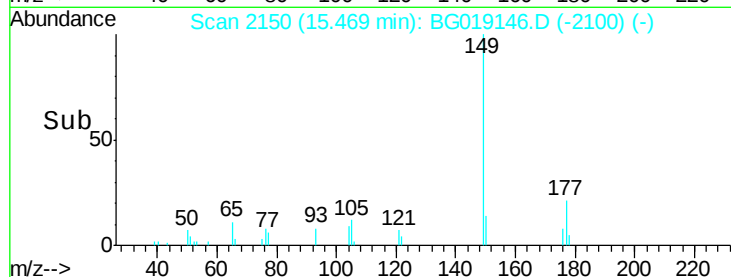
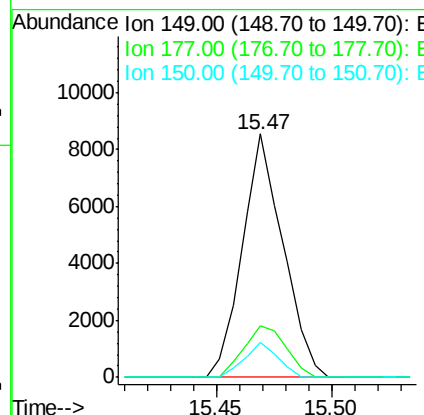
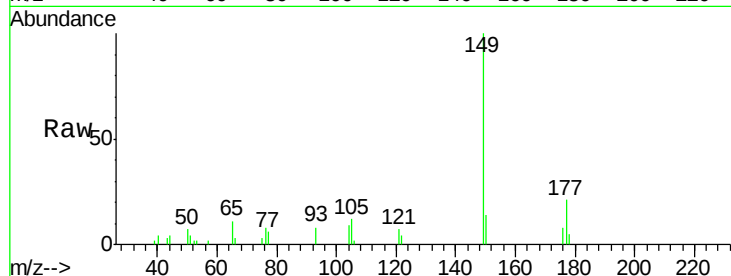




#59
Diethylphthalate
Concen: 2.28 ng
RT: 15.47 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG019146.D
Acq: 11 Oct 2015 9:12

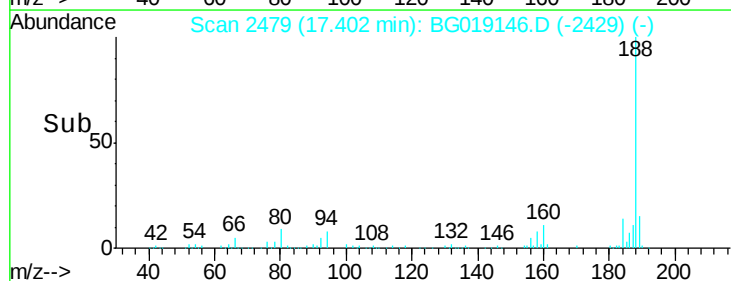
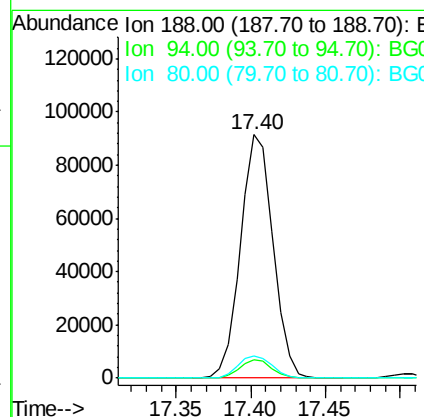
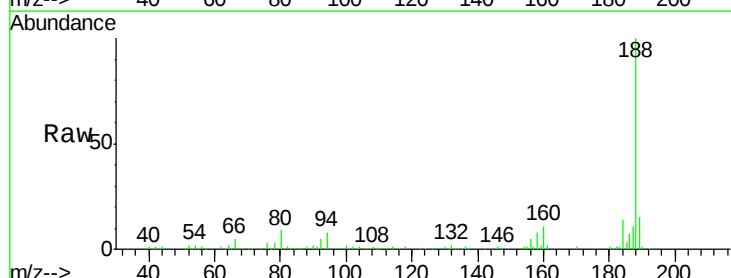
Instrument :
BNA_G
ClientSampled :
ERM4

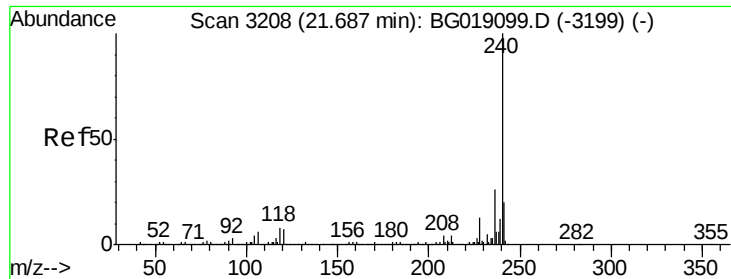
Tot Ion:149 Resp: 10498
Ion Ratio Lower Upper
149 100
177 21.3 17.7 26.5
150 14.2 9.4 14.2#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BG019146.D
Acq: 11 Oct 2015 9:12

Tgt Ion:188 Resp: 138292
Ion Ratio Lower Upper
188 100
94 7.6 6.4 9.6
80 9.3 7.6 11.4

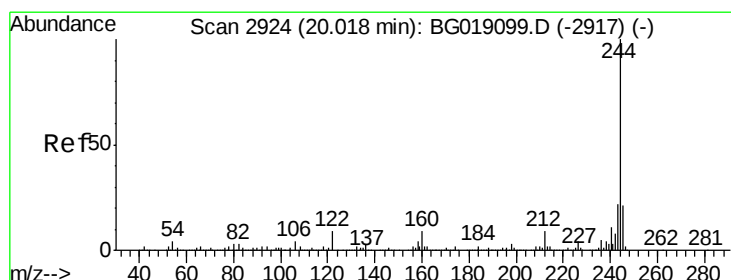
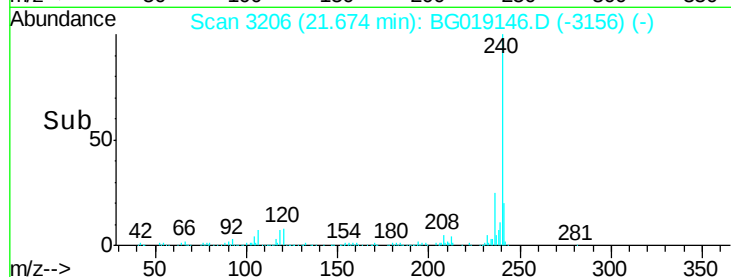
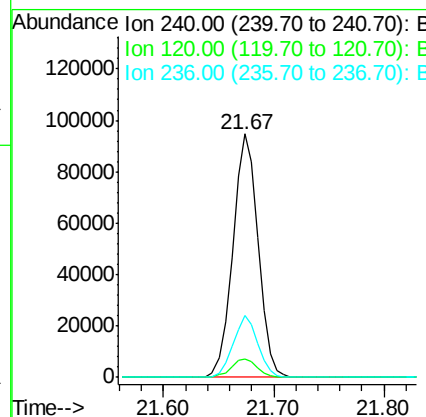
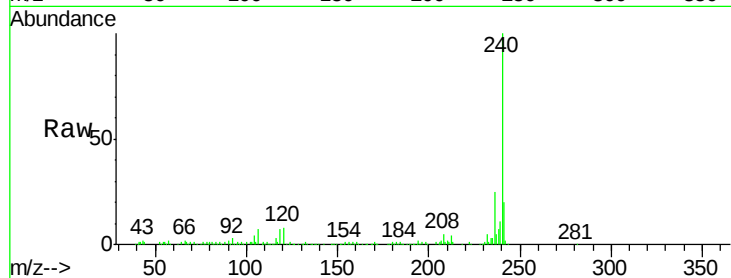




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.67 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BG019146.D
Acq: 11 Oct 2015 9:12

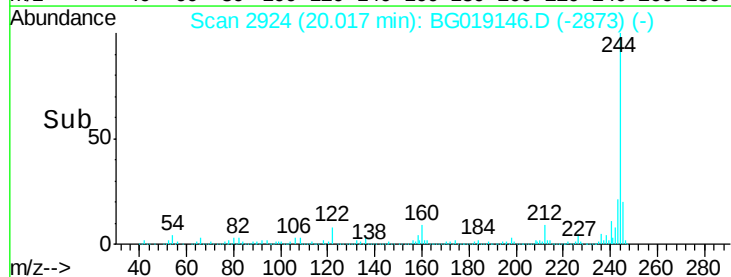
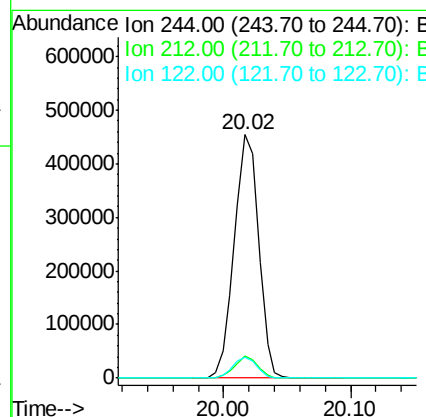
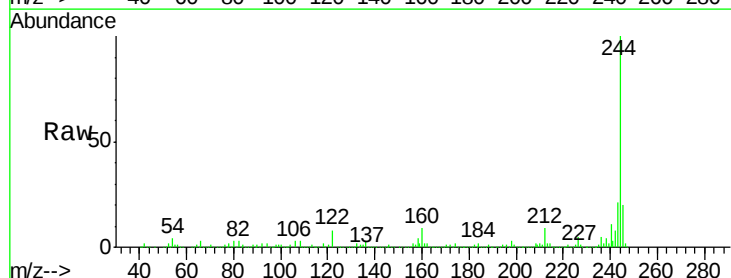
Instrument :
BNA_G
ClientSampleId :
ERM4

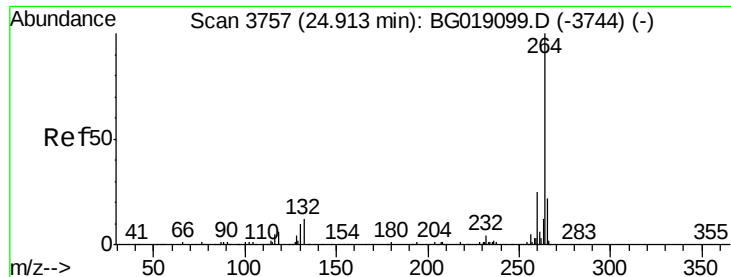
Tot Ion:240 Resp: 151594
Ion Ratio Lower Upper
240 100
120 7.7 5.8 8.6
236 25.4 21.2 31.8



#78
Terphenyl-d14
Concen: 105.00 ng
RT: 20.02 min Scan# 2924
Delta R.T. -0.00 min
Lab File: BG019146.D
Acq: 11 Oct 2015 9:12

Tgt Ion:244 Resp: 602580
Ion Ratio Lower Upper
244 100
212 8.9 6.8 10.2
122 8.4 7.4 11.2





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.90 min Scan# 3755
Delta R.T. -0.01 min
Lab File: BG019146.D
Acq: 11 Oct 2015 9:12

Instrument :
BNA_G
ClientSampleId :
ERM4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	22.9	17.2	25.8

