

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112817\
 Data File : BG031267.D
 Acq On : 29 Nov 2017 00:51
 Operator : SJ/JU
 Sample : I6590-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 29 06:25:28 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

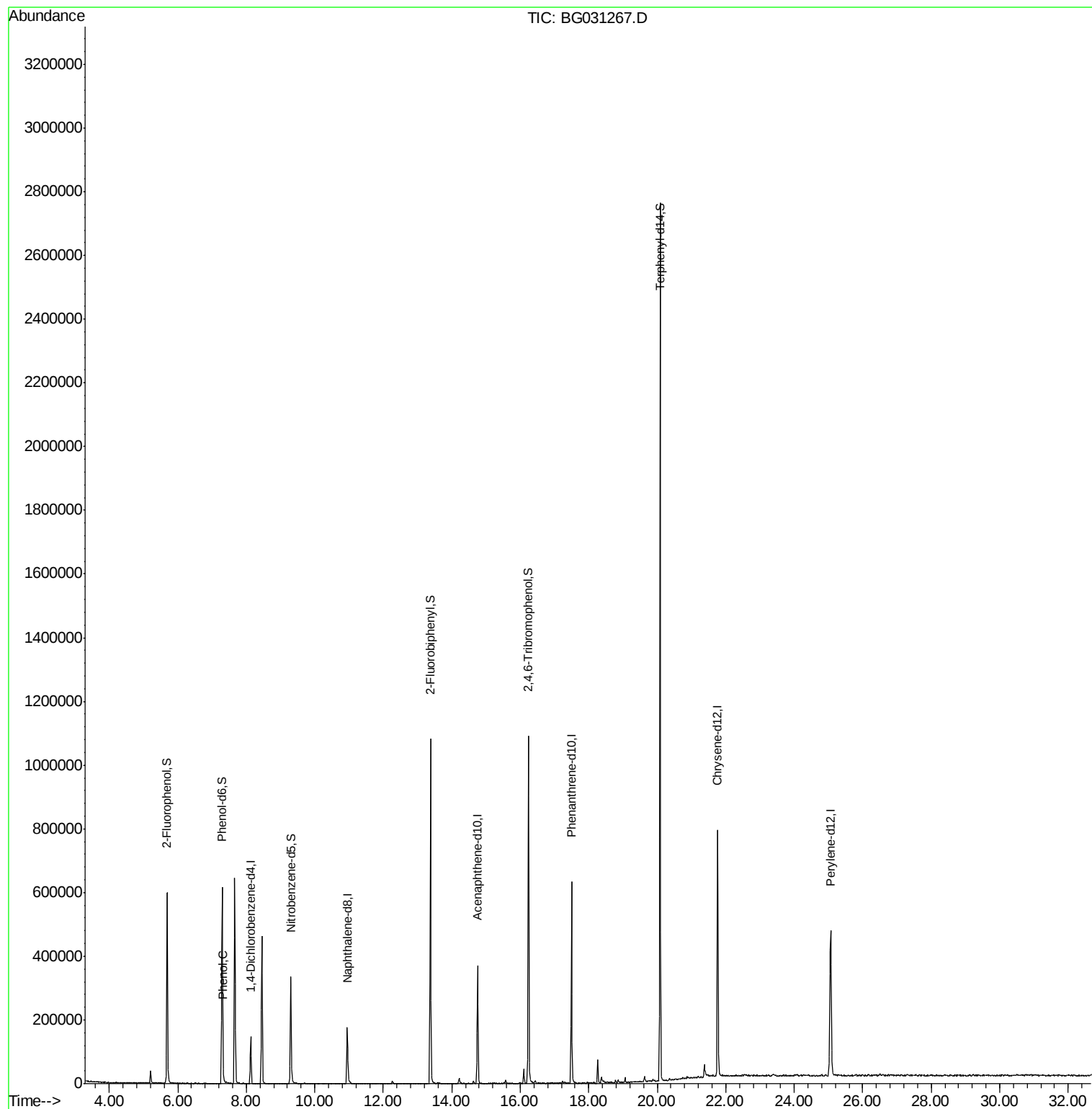
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	45733	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	193682	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	142181	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	427436	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	522031	20.00	ng	-0.02
86) Perylene-d12	25.06	264	508076	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	315272	118.21	ng	-0.02
7) Phenol-d6	7.29	99	408347	113.65	ng	-0.01
23) Nitrobenzene-d5	9.30	82	235312	71.99	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	227662	98.98	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	651360	65.83	ng	-0.02
78) Terphenyl-d14	20.08	244	1363156	57.66	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	10486	2.81	ng	Qvalue 94

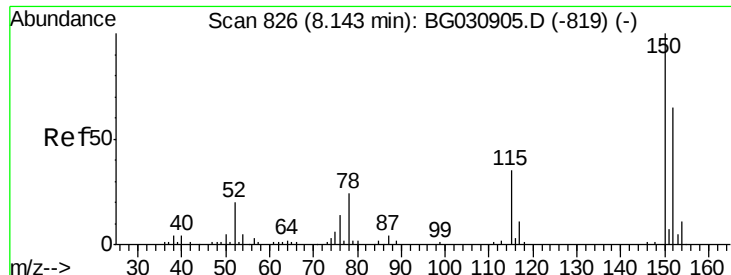
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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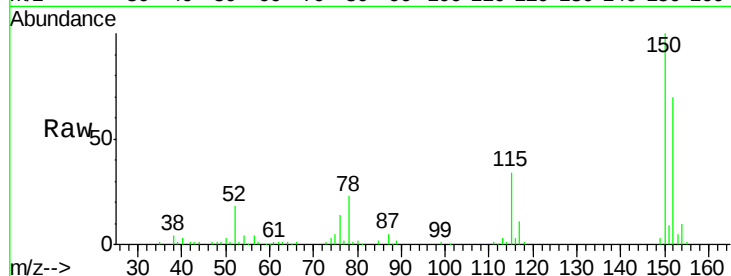


#1

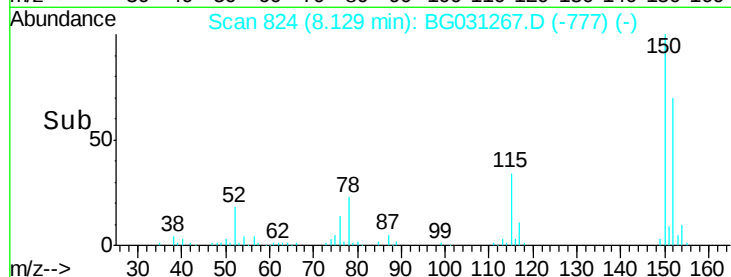
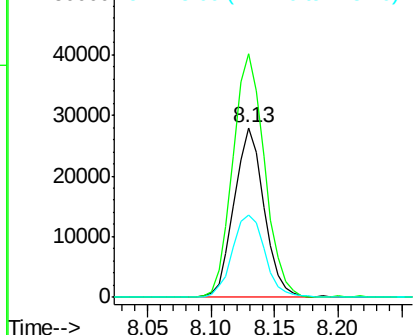
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031267.D
Acq: 29 Nov 2017 00:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 45733
Ion Ratio Lower Upper
152 100
150 143.3 126.6 189.8
115 48.1 53.0 79.4#



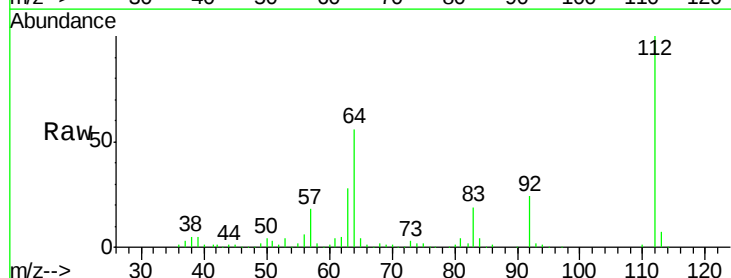
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



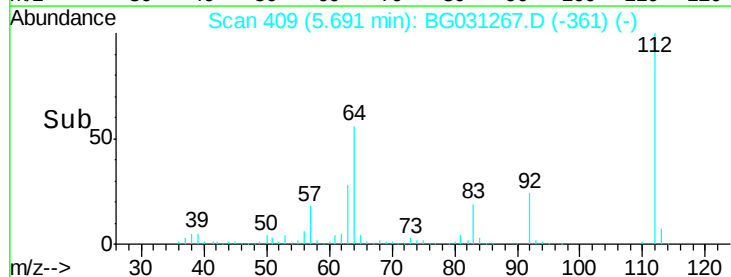
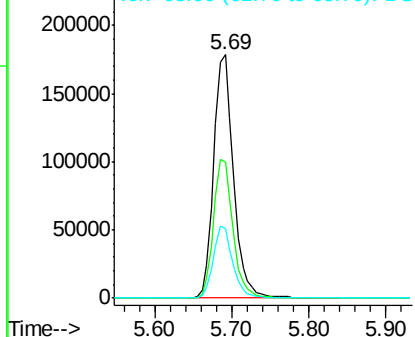
#5

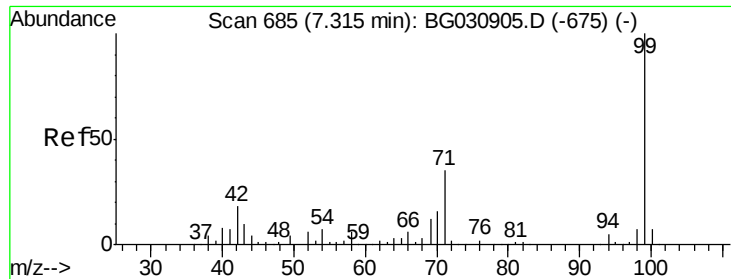
2-Fluorophenol
Concen: 118.21 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031267.D
Acq: 29 Nov 2017 00:51

Tgt Ion:112 Resp: 315272
Ion Ratio Lower Upper
112 100
64 55.7 56.3 84.5#
63 28.4 30.1 45.1#



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: 113.65 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031267.D

Acq: 29 Nov 2017 00:51

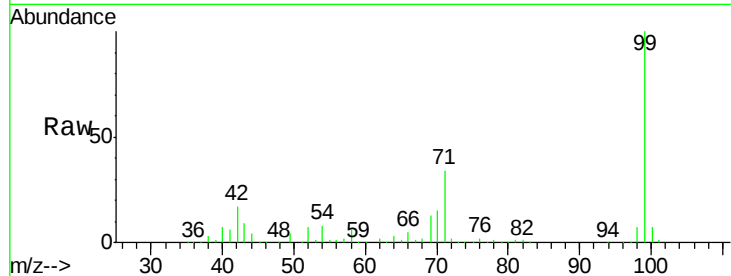
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 408347

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.1	21.1
71	33.6	26.1	39.1

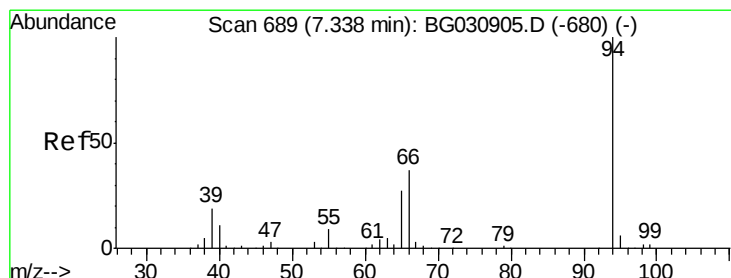
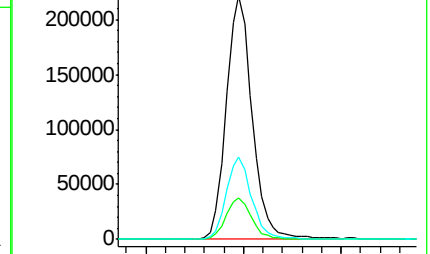
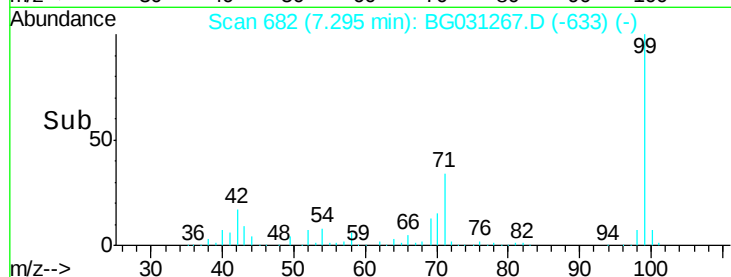


Abundance

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



#10

Phenol

Concen: 2.81 ng

RT: 7.32 min Scan# 687

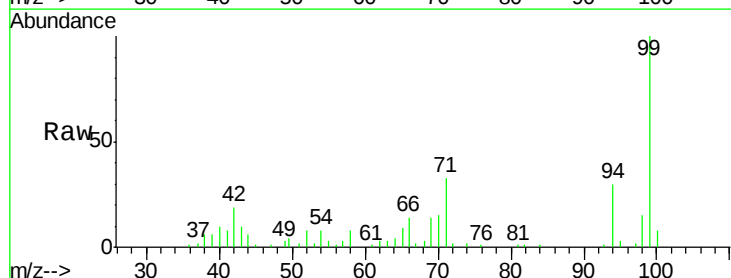
Delta R.T. -0.01 min

Lab File: BG031267.D

Acq: 29 Nov 2017 00:51

Tgt Ion: 94 Resp: 10486

Ion	Ratio	Lower	Upper
94	100		
65	30.1	11.9	51.9
66	47.2	22.2	62.2

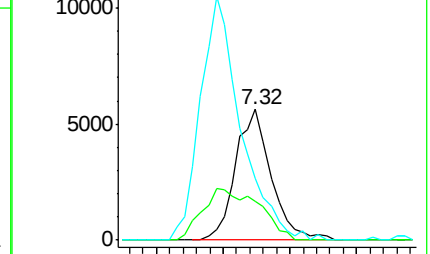
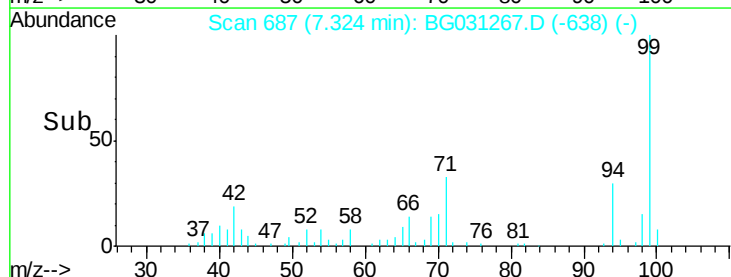


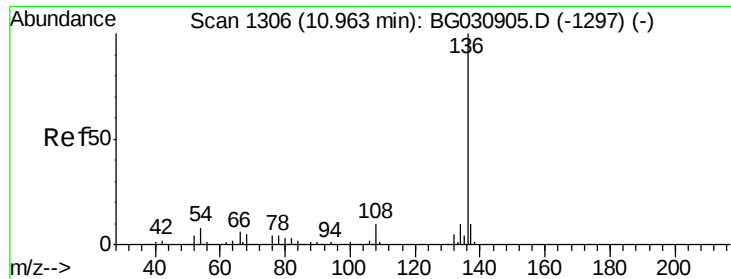
Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

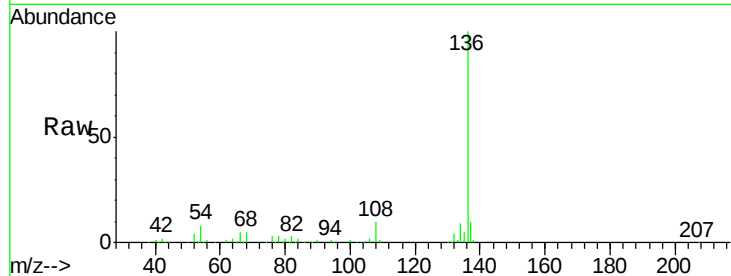




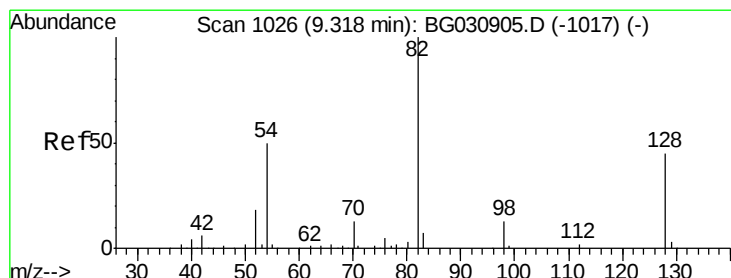
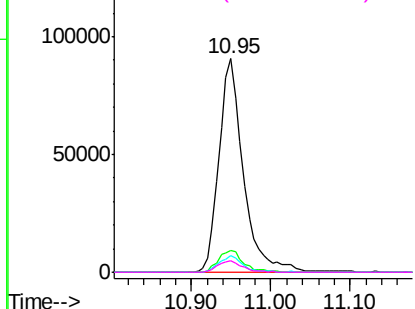
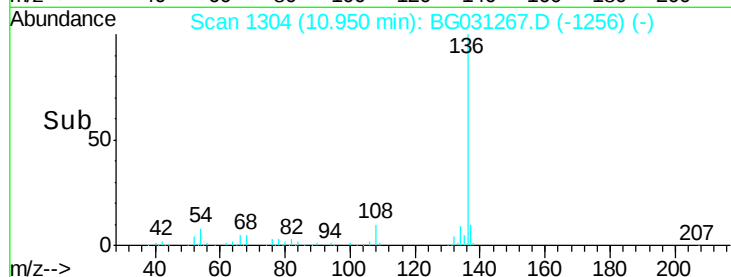
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031267.D
Acq: 29 Nov 2017 00:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	193682
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.2 13.8
54	7.8	10.3 15.5
68	5.2	4.5 6.7

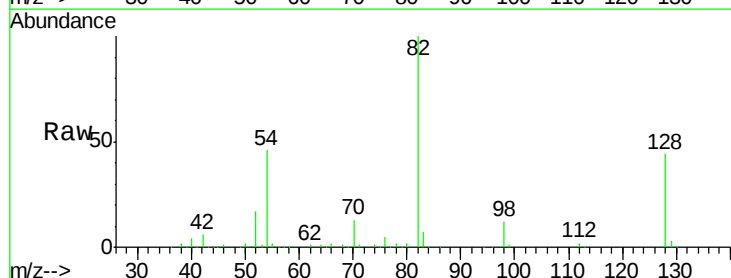


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

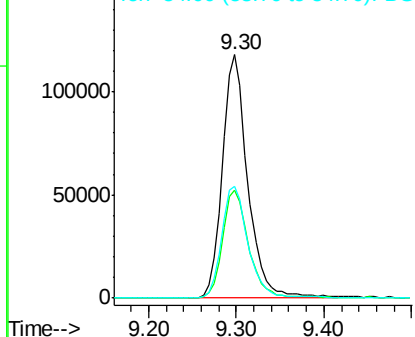
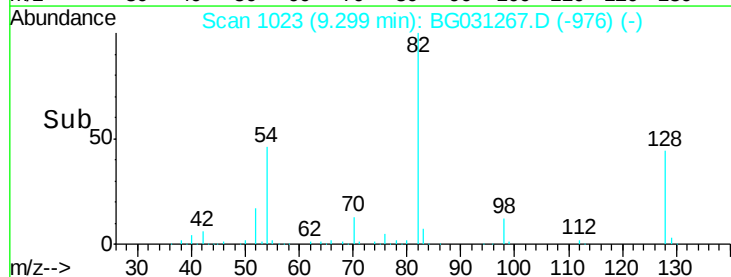


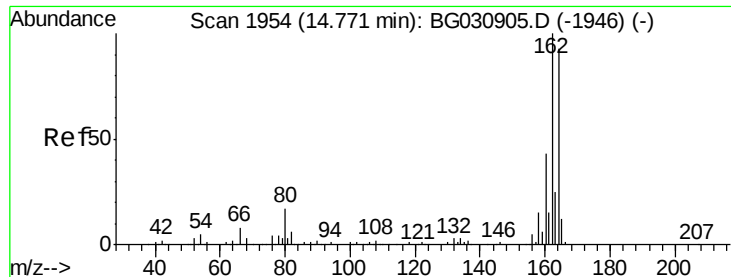
#23
Nitrobenzene-d5
Concen: 71.99 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031267.D
Acq: 29 Nov 2017 00:51

Tgt Ion: 82	Resp:	235312
Ion Ratio	Lower	Upper
82	100	
128	44.2	29.7 44.5
54	46.1	43.1 64.7



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031267.D

Acq: 29 Nov 2017 00:51

Instrument :

BNA_G

ClientSampled :

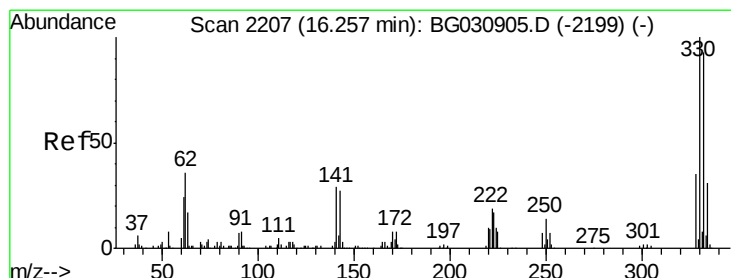
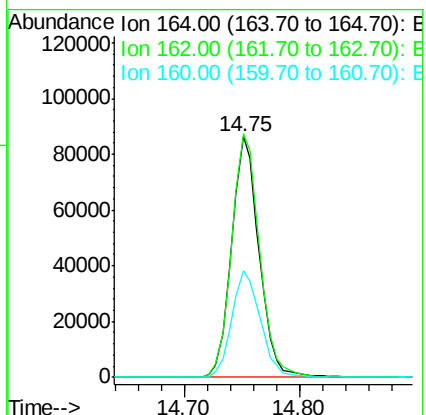
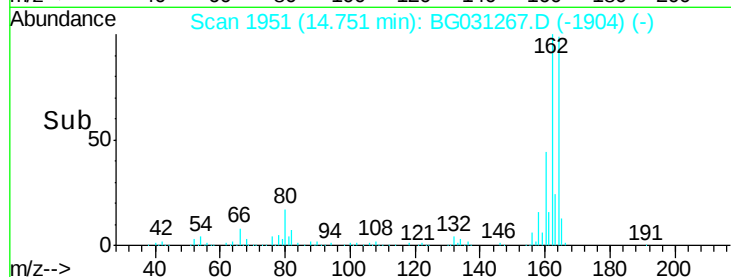
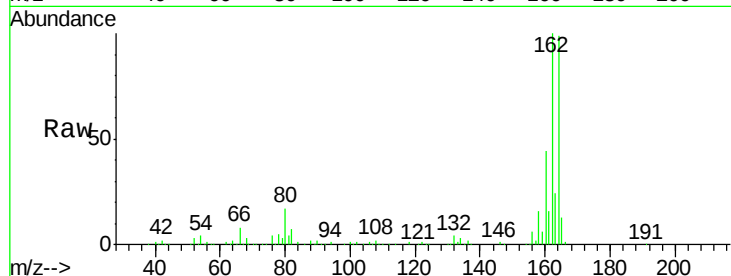
Tot Ion:164 Resp: 142181

Ion Ratio Lower Upper

164 100

162 101.2 78.8 118.2

160 44.2 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 98.98 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031267.D

Acq: 29 Nov 2017 00:51

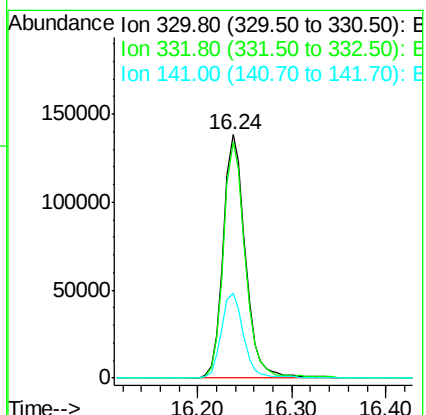
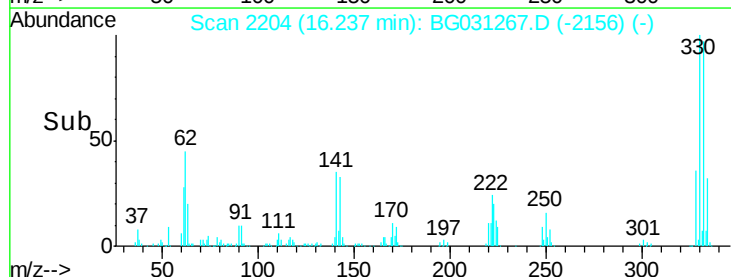
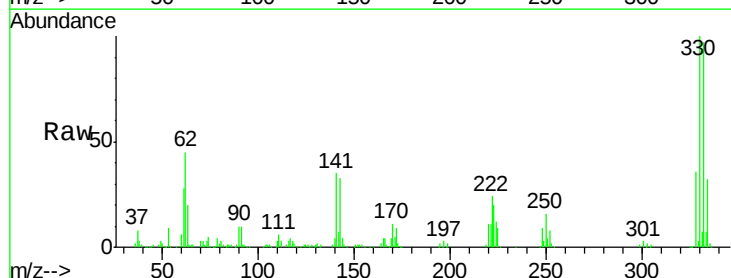
Tgt Ion:330 Resp: 227662

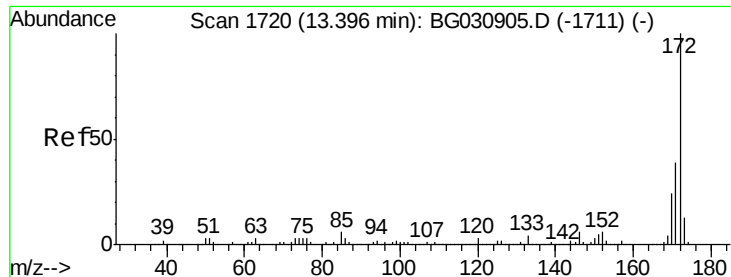
Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

141 35.4 25.2 37.8

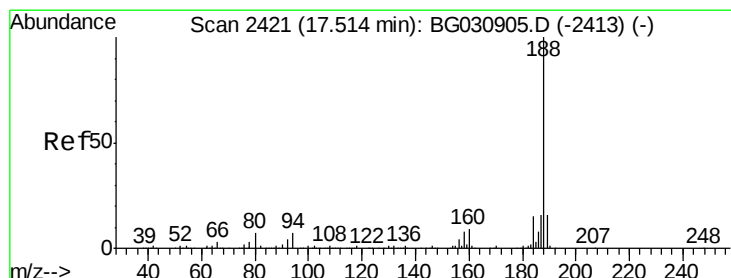
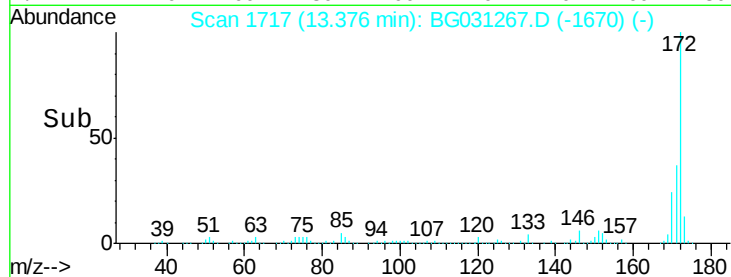
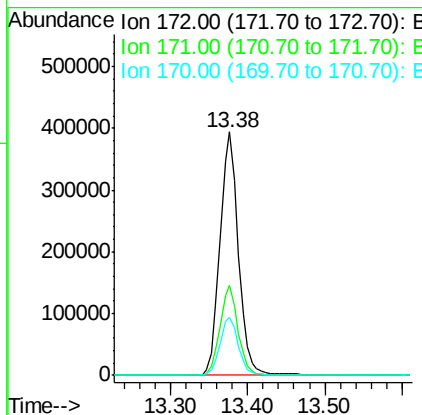
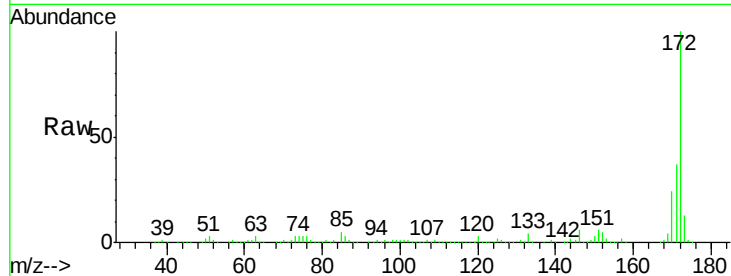




#44
 2-Fluorobiphenyl
 Concen: 65.83 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031267.D
 Acq: 29 Nov 2017 00:51

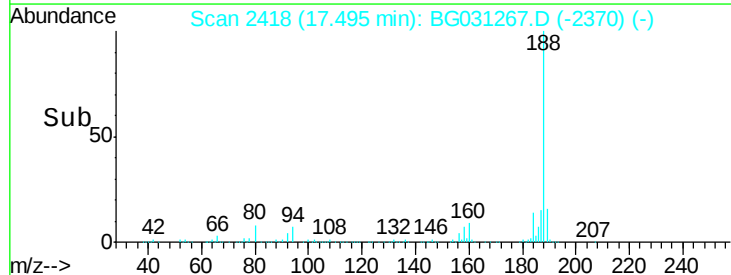
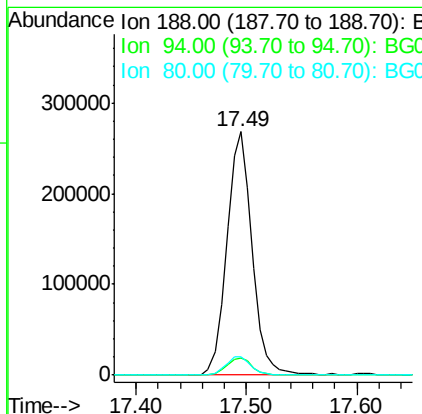
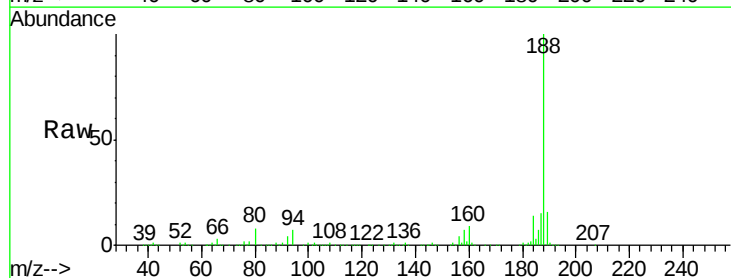
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.6	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2418
 Delta R.T. -0.02 min
 Lab File: BG031267.D
 Acq: 29 Nov 2017 00:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	7.6	7.7	11.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG031267.D

Acq: 29 Nov 2017 00:51

Instrument :

BNA_G

ClientSampleId :

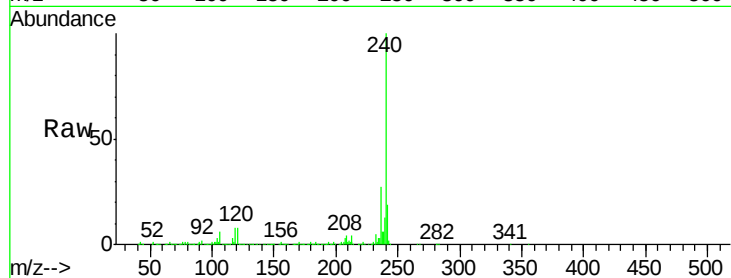
Tot Ion:240 Resp: 522031

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

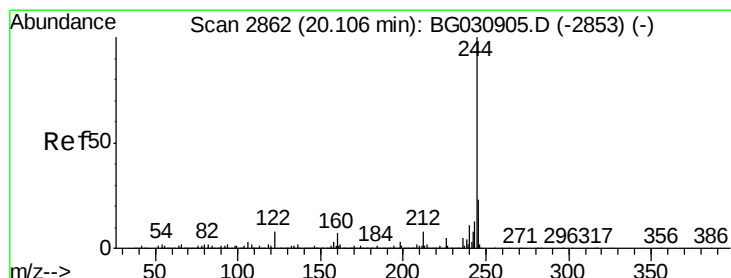
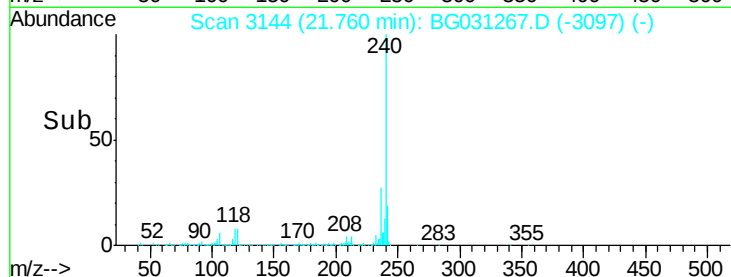
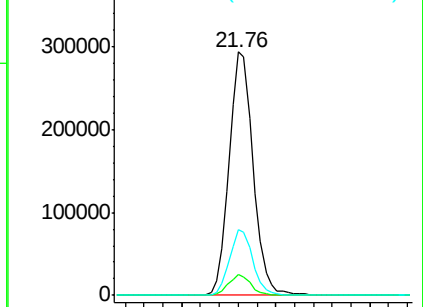
236 27.1 20.9 31.3



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: 57.66 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031267.D

Acq: 29 Nov 2017 00:51

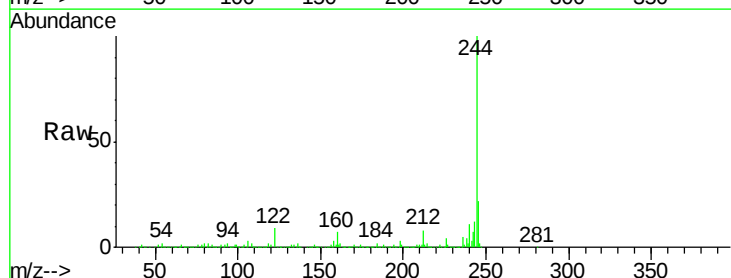
Tgt Ion:244 Resp: 1363156

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

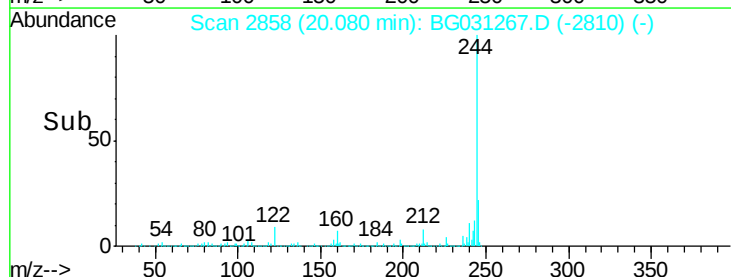
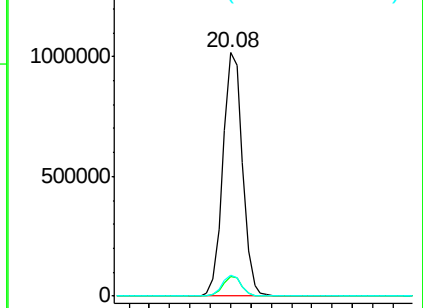
122 8.8 7.0 10.4

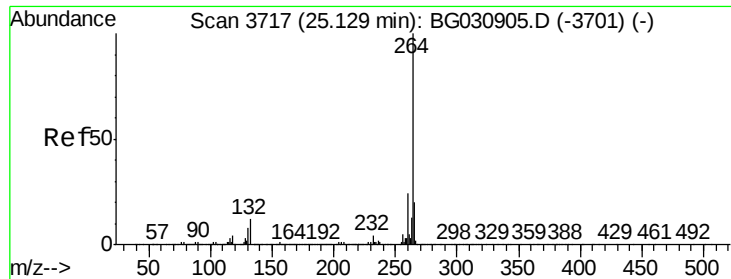


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.06 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG031267.D
Acq: 29 Nov 2017 00:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	17.4	26.0
265	22.0	17.7	26.5

