

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111517\
 Data File : BG031027.D
 Acq On : 16 Nov 2017 00:40
 Operator : SJ/JU
 Sample : I6479-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 16 07:46:01 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

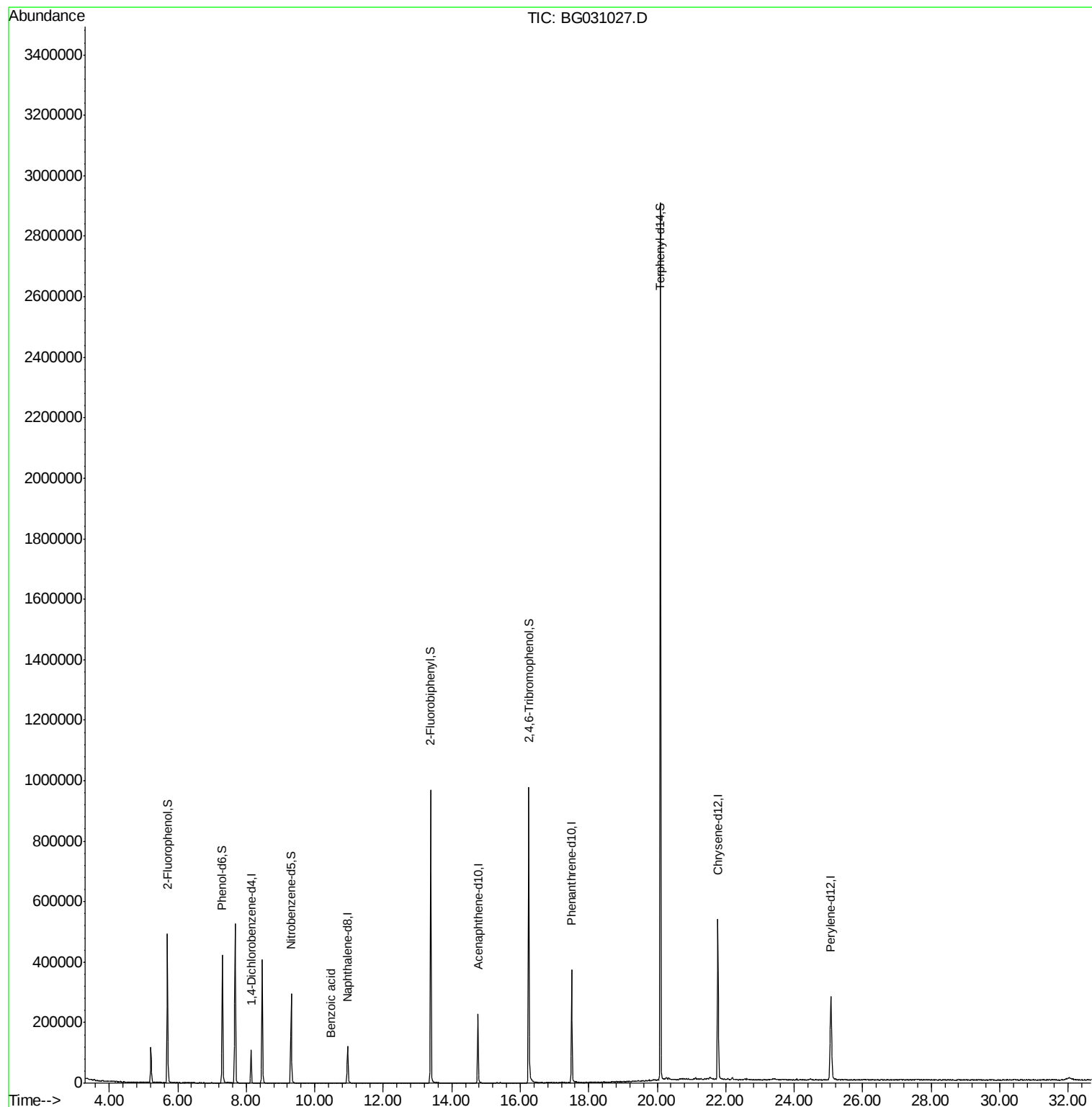
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	32533	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	128277	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	88609	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	264425	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	382904	20.00	ng	-0.01
86) Perylene-d12	25.07	264	375349	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	230773	121.64	ng	-0.01
7) Phenol-d6	7.30	99	258483	101.13	ng	0.00
23) Nitrobenzene-d5	9.31	82	192056	88.72	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	242358	169.08	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	596511	96.73	ng	-0.02
78) Terphenyl-d14	20.09	244	1506812	86.89	ng	0.00
Target Compounds						
32) Benzoic acid	10.46	122	135	5.74	ng	Qvalue # 1

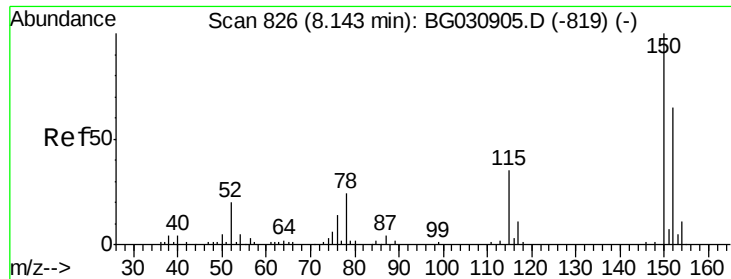
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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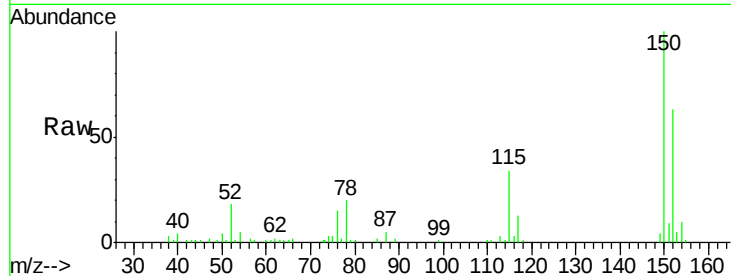


#1

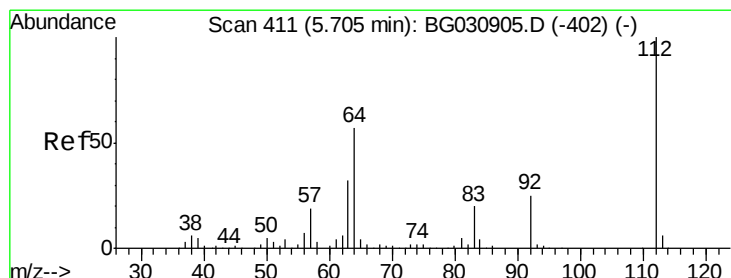
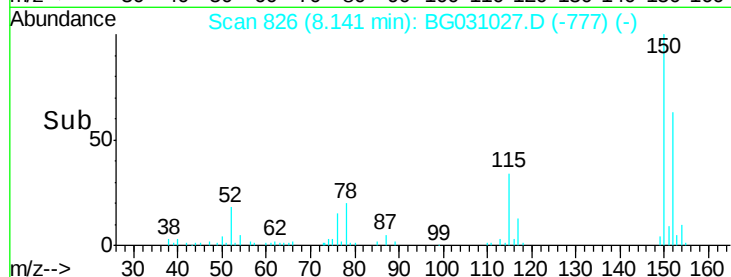
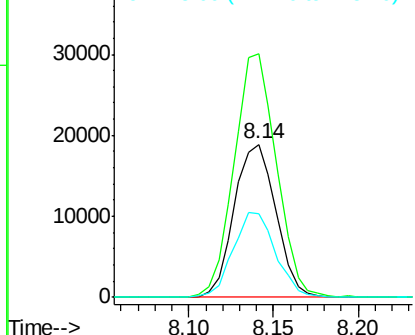
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031027.D
Acq: 16 Nov 2017 00:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.6	189.8
115	54.4	53.0	79.4



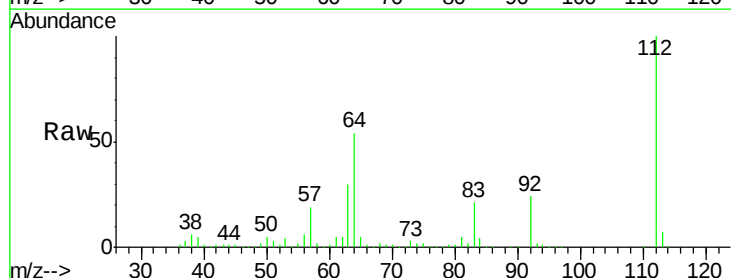
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



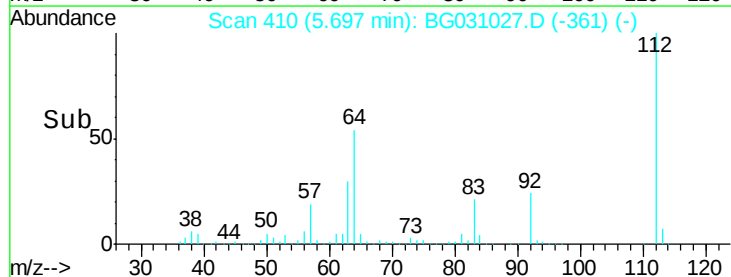
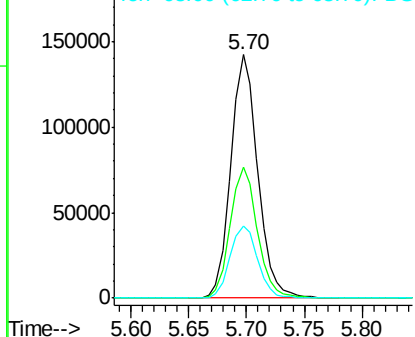
#5

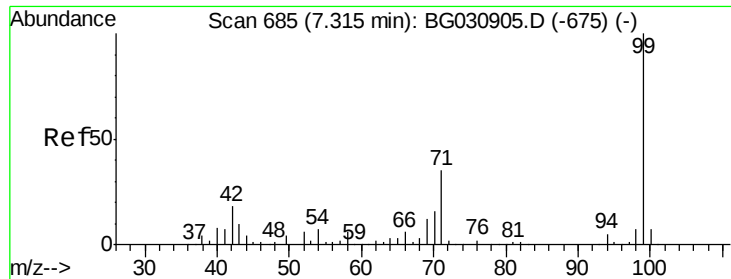
2-Fluorophenol
Concen: 121.64 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031027.D
Acq: 16 Nov 2017 00:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	56.3	84.5#
63	29.6	30.1	45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 101.13 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031027.D

Acq: 16 Nov 2017 00:40

Instrument :

BNA_G

ClientSampleId :

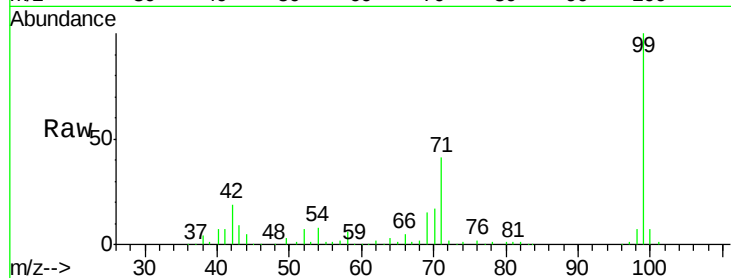
Tot Ion: 99 Resp: 258483

Ion Ratio Lower Upper

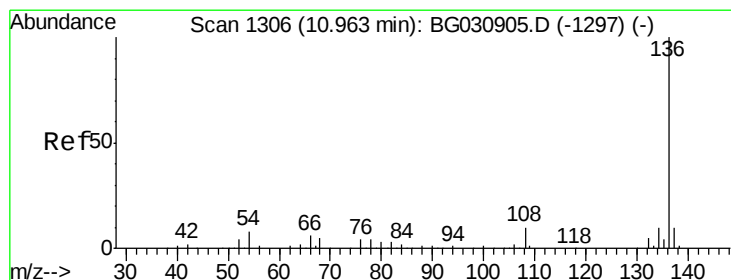
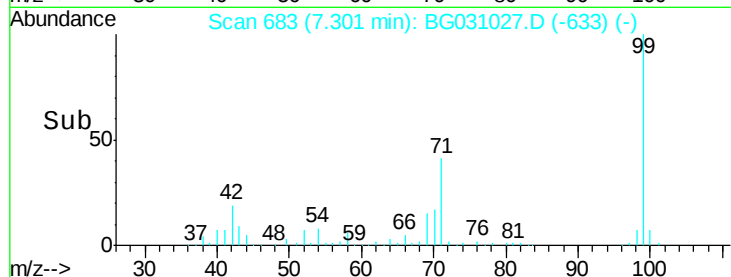
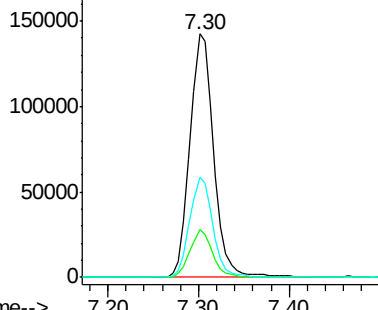
99 100

42 19.5 14.1 21.1

71 41.4 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031027.D

Acq: 16 Nov 2017 00:40

Tgt Ion: 136 Resp: 128277

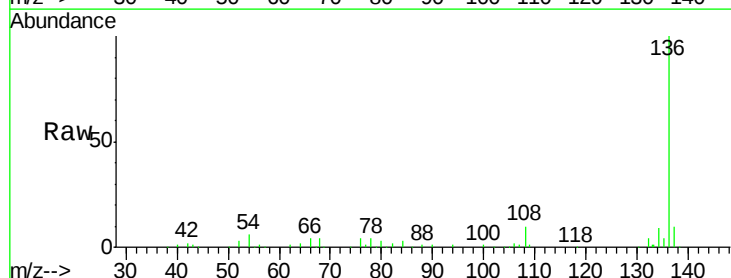
Ion Ratio Lower Upper

136 100

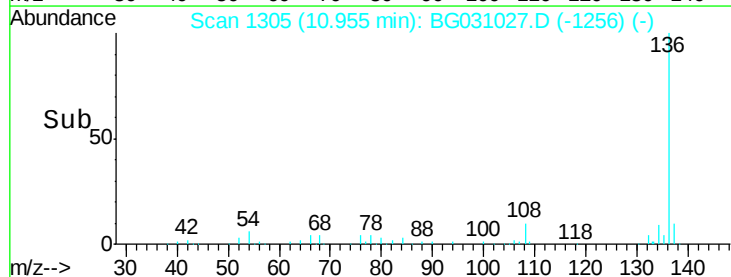
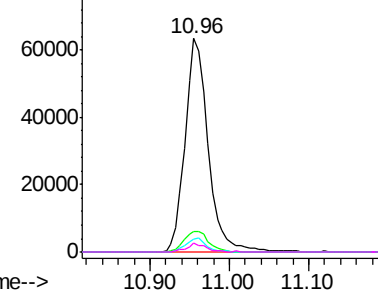
137 9.9 9.2 13.8

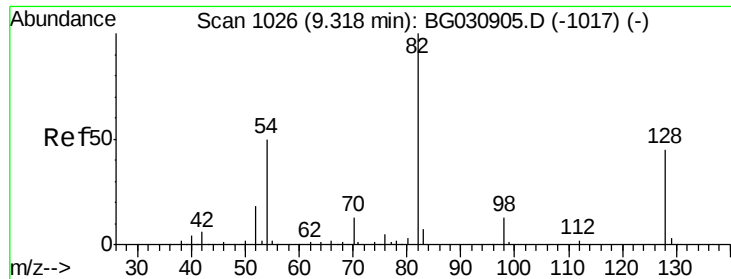
54 6.3 10.3 15.5#

68 4.3 4.5 6.7#



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

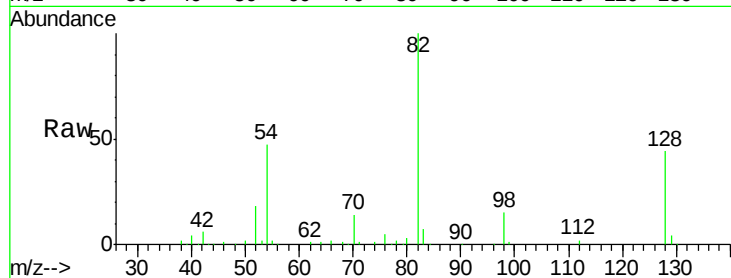




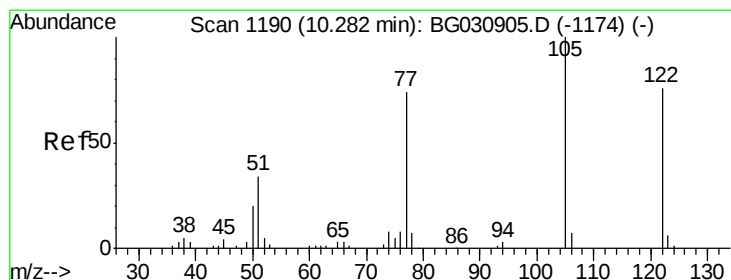
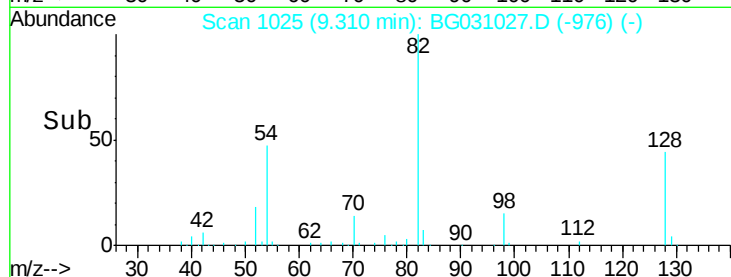
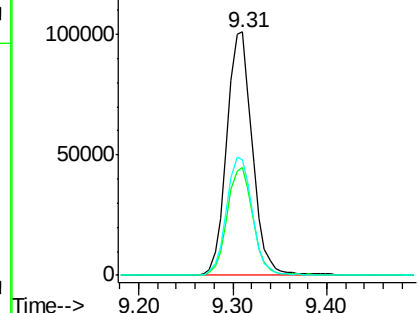
#23
 Nitrobenzene-d5
 Concen: 88.72 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG031027.D
 Acq: 16 Nov 2017 00:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	192056
Ion Ratio	100	Lower	Upper
128	44.1	29.7	44.5
54	47.4	43.1	64.7

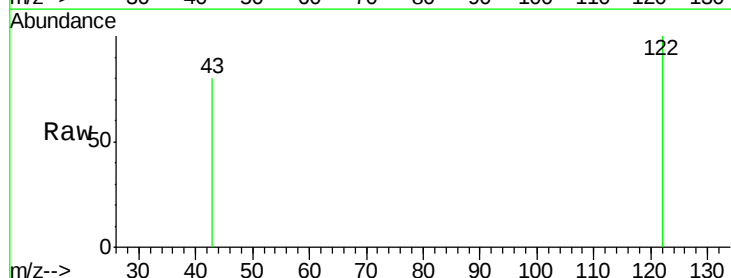


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

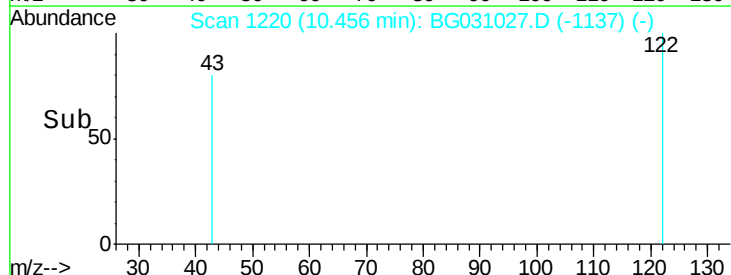
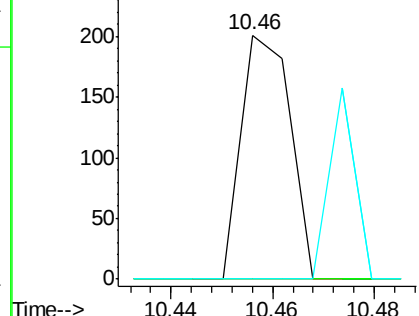


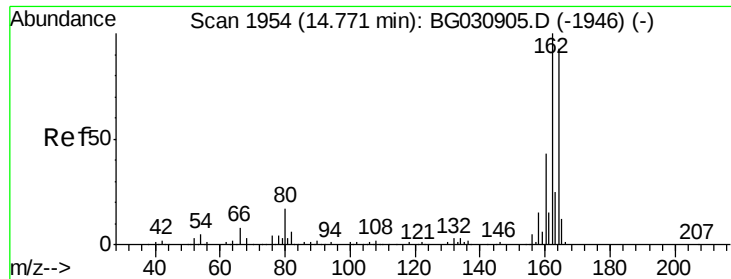
#32
 Benzoic acid
 Concen: 5.74 ng
 RT: 10.46 min Scan# 1220
 Delta R.T. 0.19 min
 Lab File: BG031027.D
 Acq: 16 Nov 2017 00:40

Tgt Ion	122	Resp	135
Ion Ratio	100	Lower	Upper
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG031027.D

Acq: 16 Nov 2017 00:40

Instrument :

BNA_G

ClientSampleId :

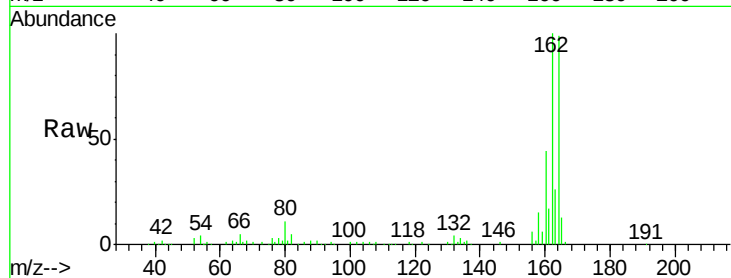
Tot Ion:164 Resp: 88609

Ion Ratio Lower Upper

164 100

162 100.7 78.8 118.2

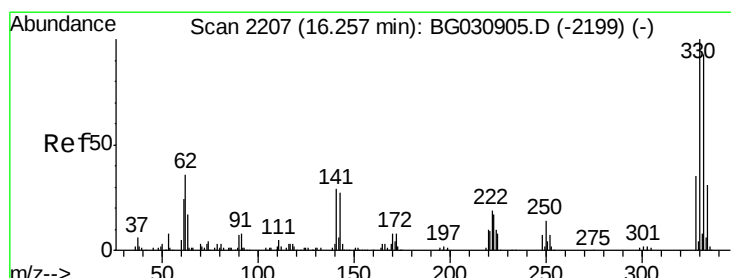
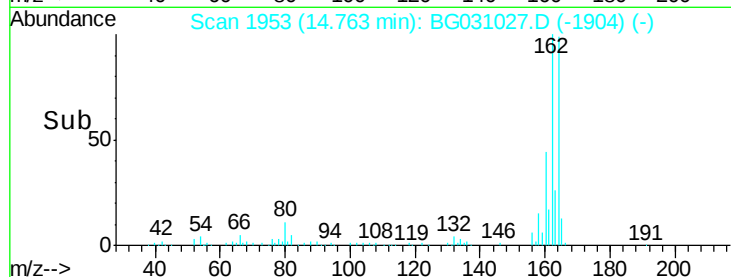
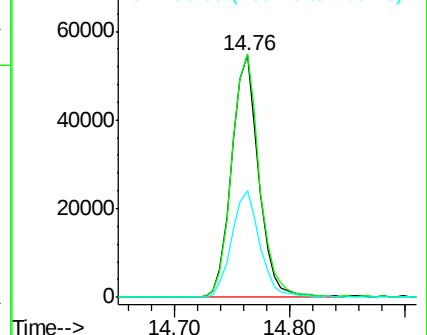
160 44.3 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 169.08 ng

RT: 16.24 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG031027.D

Acq: 16 Nov 2017 00:40

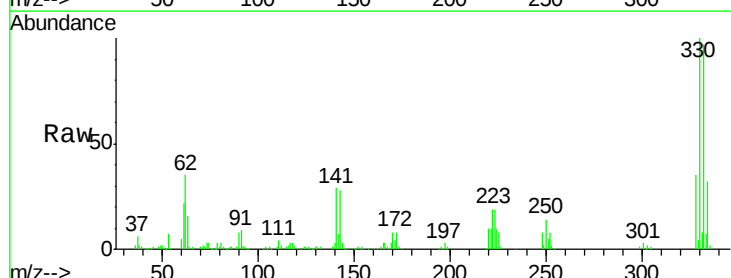
Tgt Ion:330 Resp: 242358

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

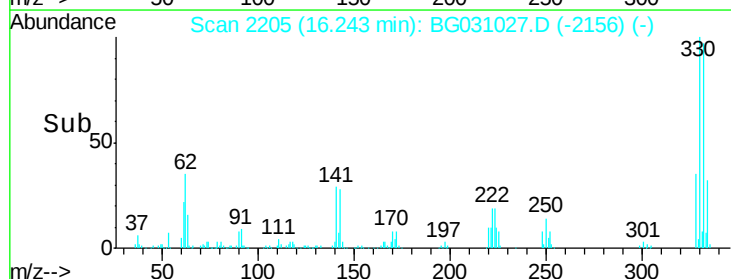
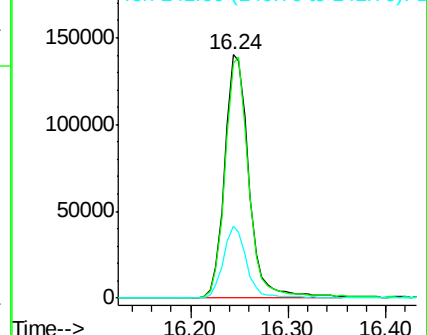
141 28.3 25.2 37.8

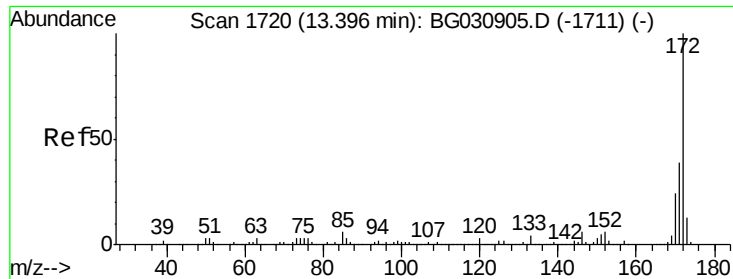


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

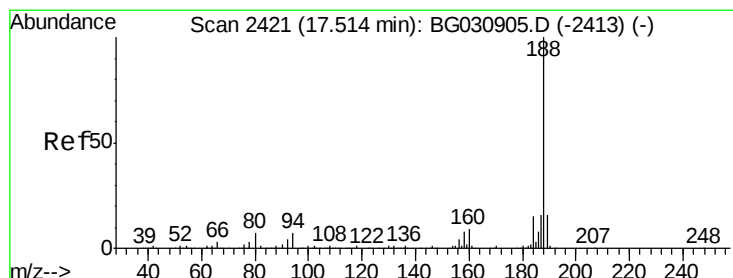
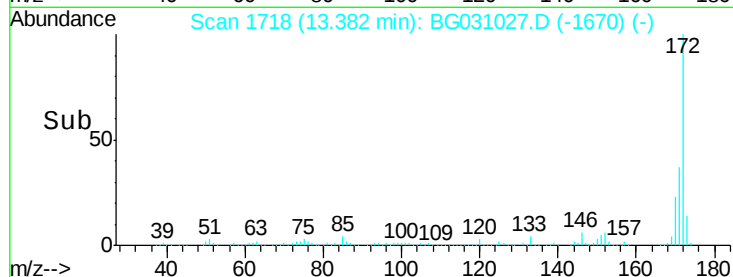
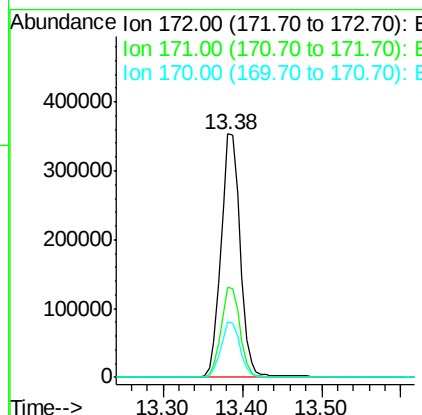
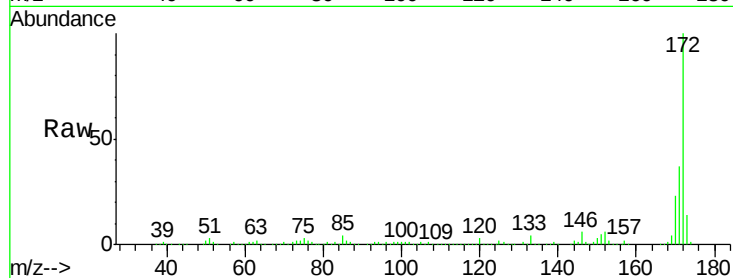




#44
 2-Fluorobiphenyl
 Concen: 96.73 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031027.D
 Acq: 16 Nov 2017 00:40

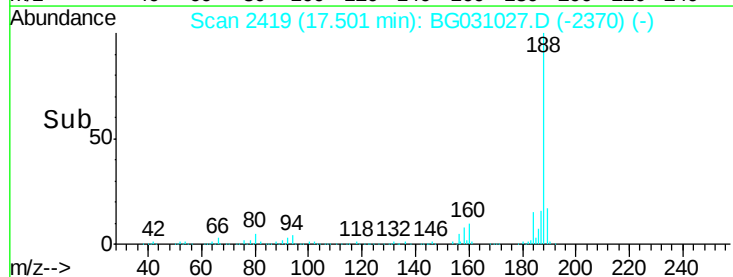
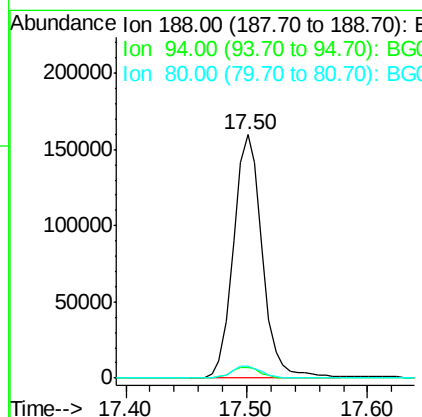
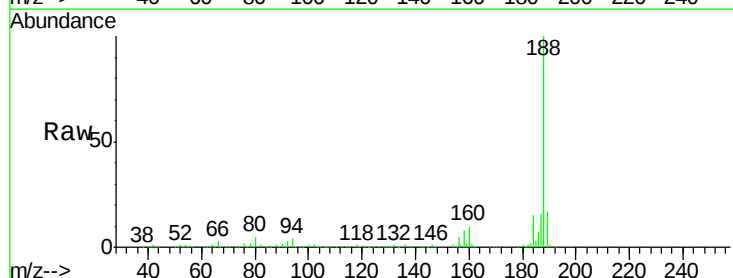
Instrument :
 BNA_G
 ClientSampleId :

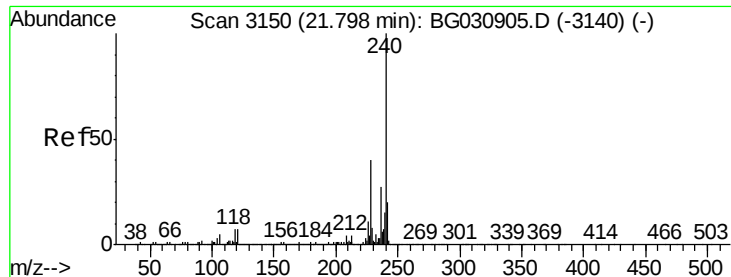
Tot Ion:172 Resp: 596511
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 22.6 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG031027.D
 Acq: 16 Nov 2017 00:40

Tgt Ion:188 Resp: 264425
 Ion Ratio Lower Upper
 188 100
 94 4.4 6.9 10.3#
 80 4.9 7.7 11.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG031027.D

Acq: 16 Nov 2017 00:40

Instrument :

BNA_G

ClientSampleId :

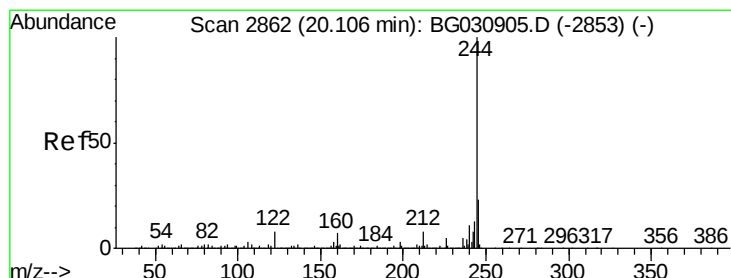
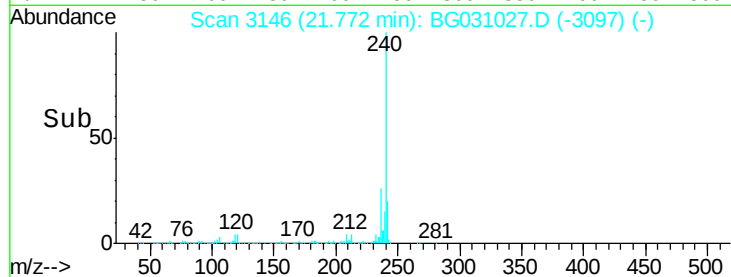
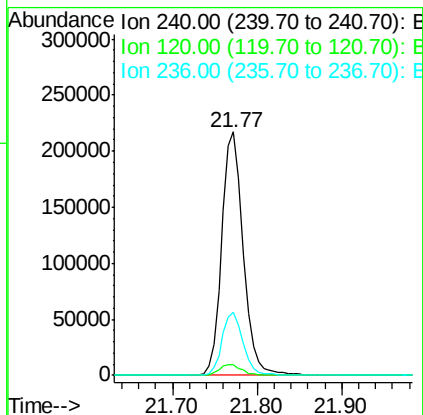
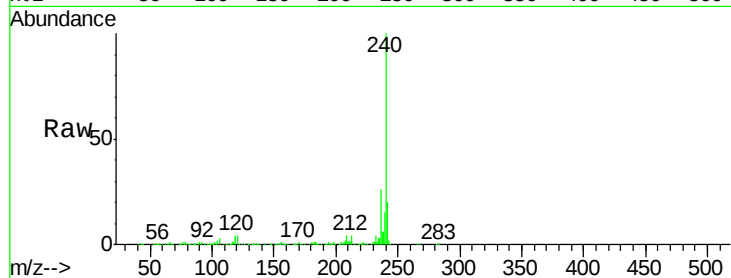
Tot Ion:240 Resp: 382904

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

236 25.9 20.9 31.3



#78

Terphenyl-d14

Concen: 86.89 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG031027.D

Acq: 16 Nov 2017 00:40

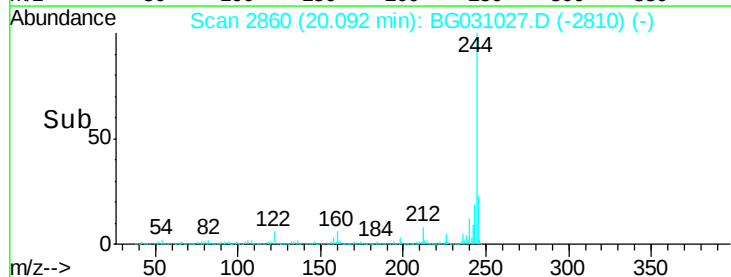
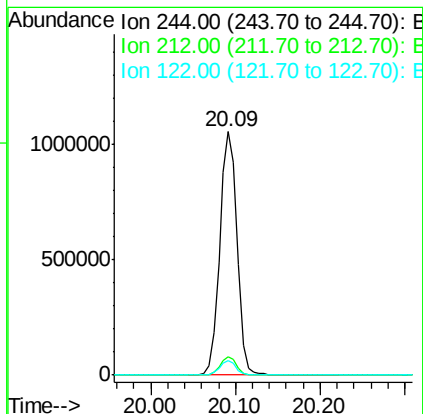
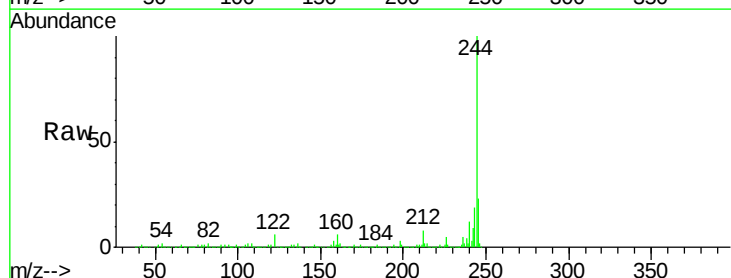
Tgt Ion:244 Resp: 1506812

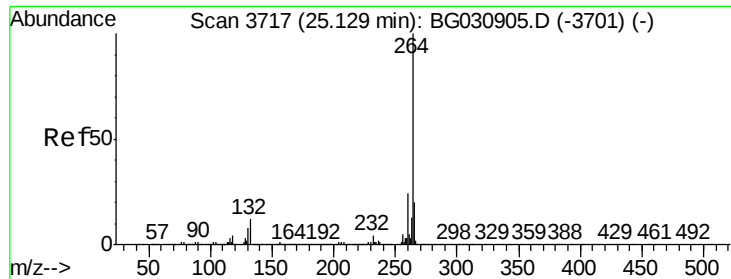
Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

122 6.0 7.0 10.4#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.02 min
Lab File: BG031027.D
Acq: 16 Nov 2017 00:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	22.1	17.7	26.5

