

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111517\
 Data File : BG031011.D
 Acq On : 15 Nov 2017 12:26
 Operator : SJ/JU
 Sample : I6307-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-111017-A

Quant Time: Nov 15 14:31:38 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

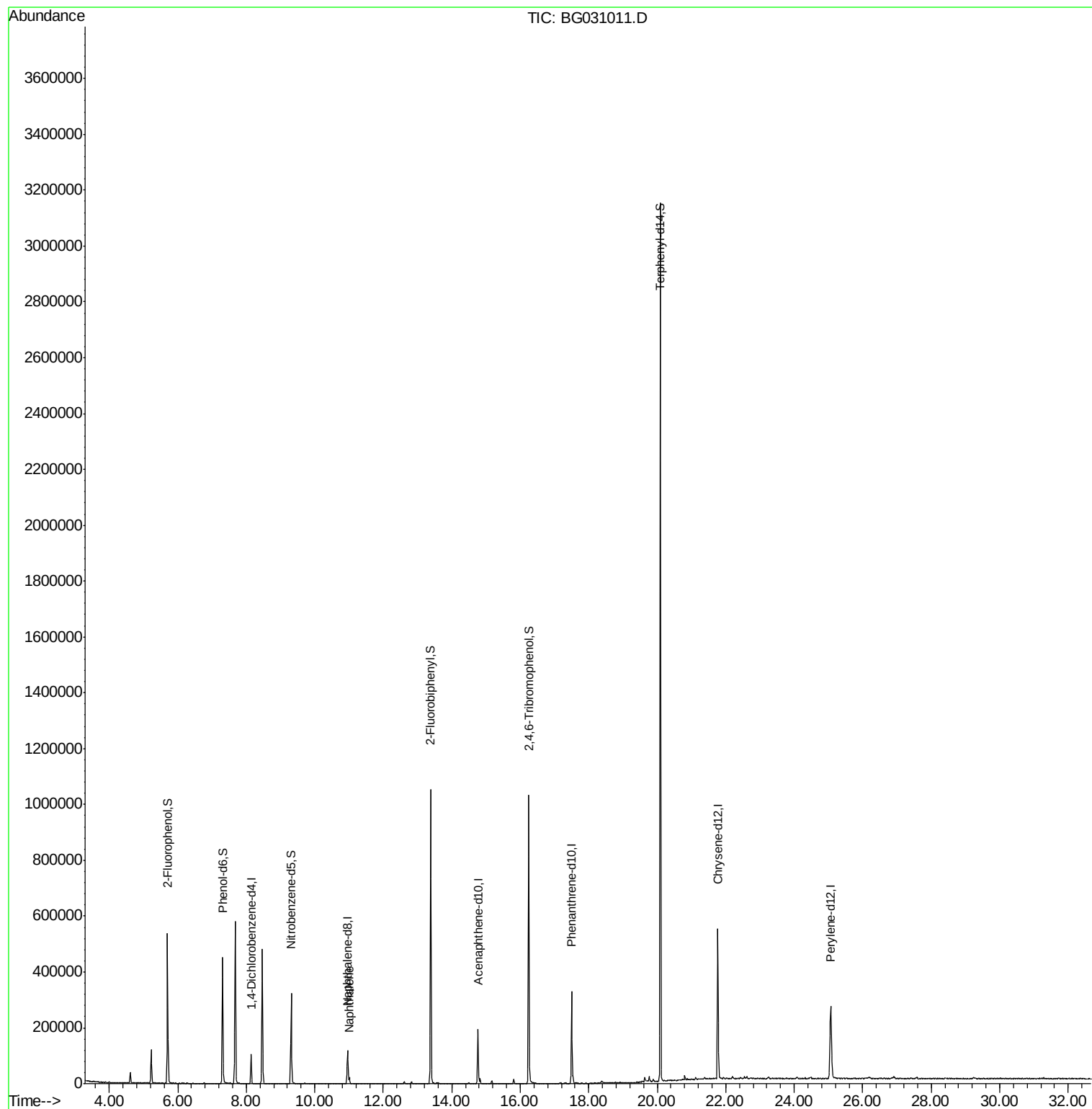
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	32013	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	119434	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	77588	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	231316	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	379261	20.00	ng	-0.02
86) Perylene-d12	25.06	264	329057	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	248372	133.04	ng	0.00
7) Phenol-d6	7.31	99	275945	109.71	ng	0.00
23) Nitrobenzene-d5	9.31	82	202601	100.52	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	256000	203.96	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	642487	118.99	ng	-0.02
78) Terphenyl-d14	20.09	244	1617084	94.15	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	20355	3.467	ng	Qvalue 95

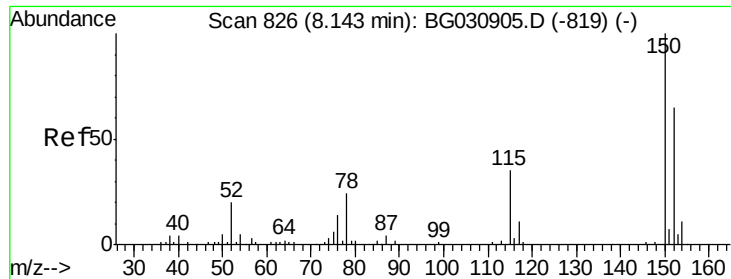
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG031011.D

Acq: 15 Nov 2017 12:26

Instrument :

BNA_G

ClientSampleId :

EO-02-111017-A

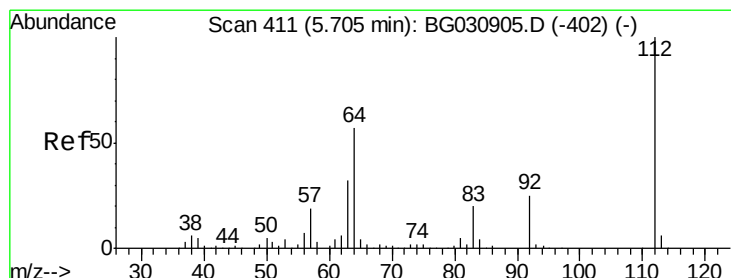
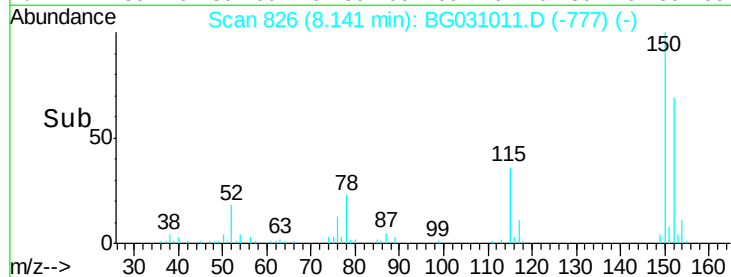
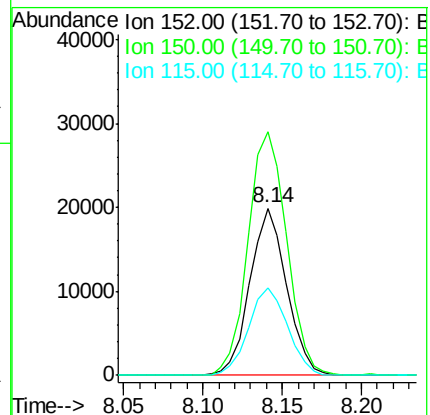
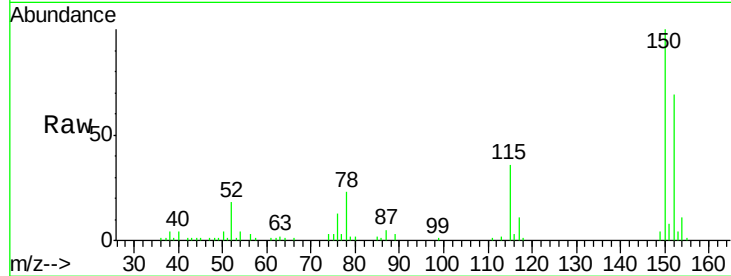
Tgt Ion:152 Resp: 32013

Ion Ratio Lower Upper

152 100

150 145.9 126.6 189.8

115 52.6 53.0 79.4#



#5

2-Fluorophenol

Concen: 133.039 ng

RT: 5.70 min Scan# 411

Delta R.T. -0.01 min

Lab File: BG031011.D

Acq: 15 Nov 2017 12:26

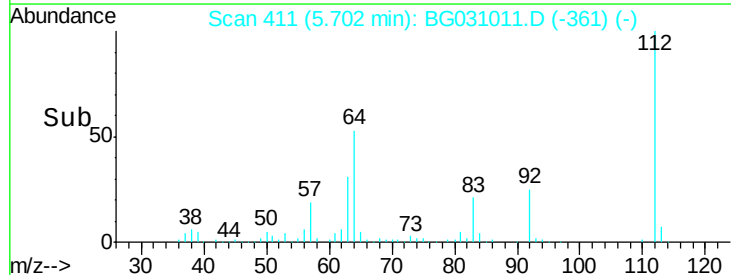
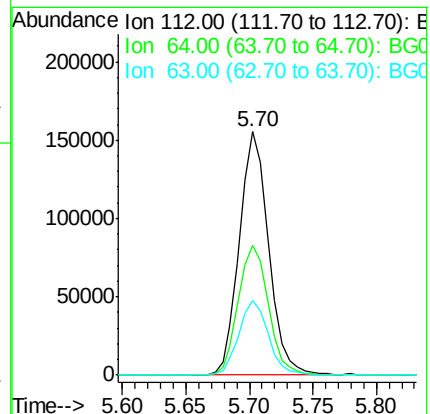
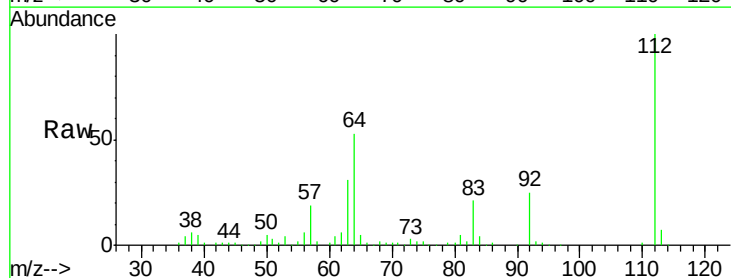
Tgt Ion:112 Resp: 248372

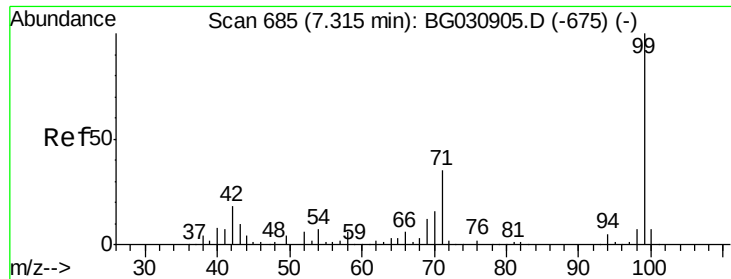
Ion Ratio Lower Upper

112 100

64 53.1 56.3 84.5#

63 30.7 30.1 45.1





#7

Phenol-d6

Concen: 109.714 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG031011.D

Acq: 15 Nov 2017 12:26

Instrument :

BNA_G

ClientSampleId :

EO-02-111017-A

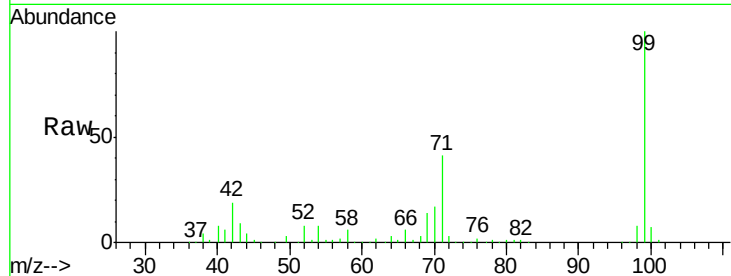
Tgt Ion: 99 Resp: 275945

Ion Ratio Lower Upper

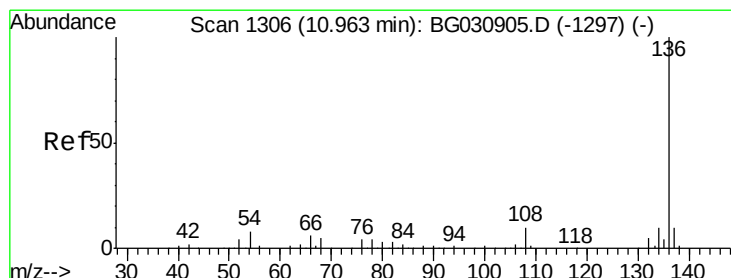
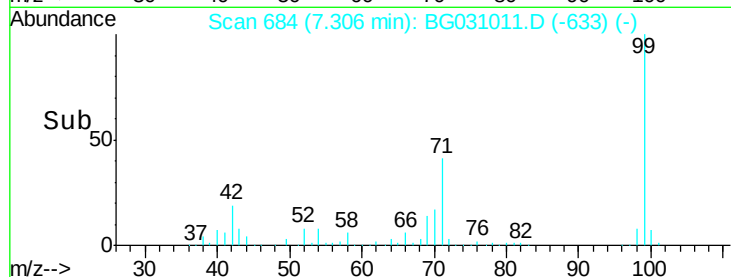
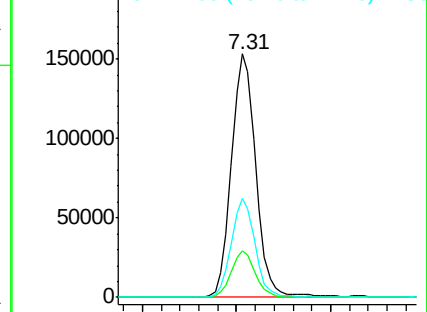
99 100

42 18.9 14.1 21.1

71 40.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031011.D

Acq: 15 Nov 2017 12:26

Tgt Ion: 136 Resp: 119434

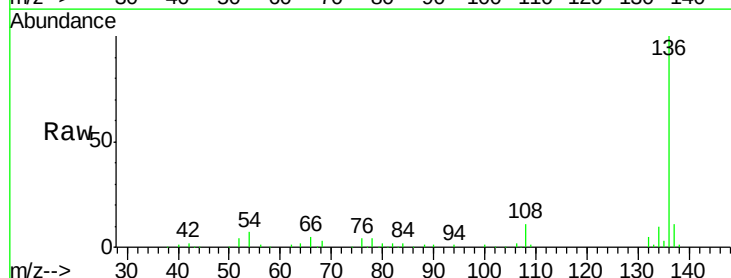
Ion Ratio Lower Upper

136 100

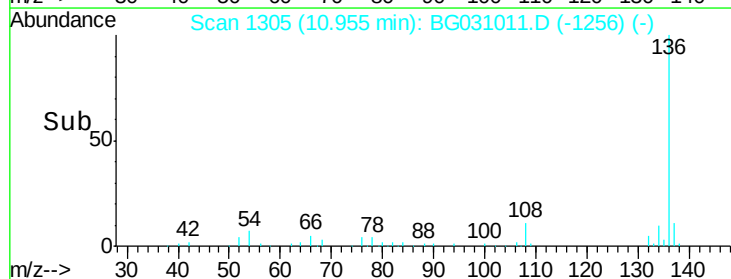
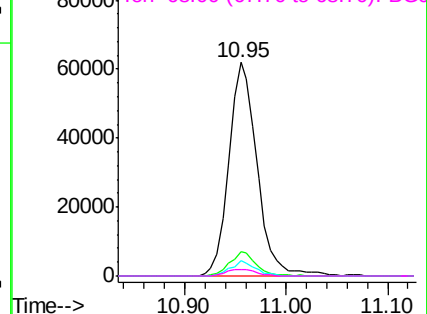
137 11.1 9.2 13.8

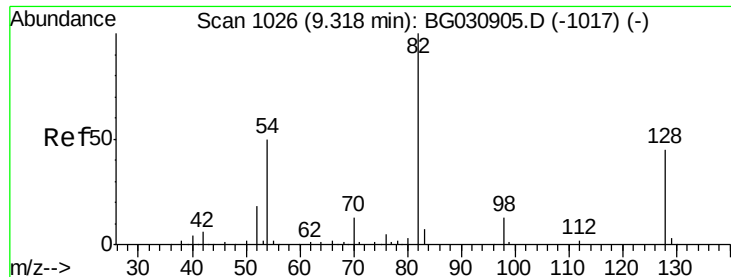
54 7.2 10.3 15.5#

68 2.9 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

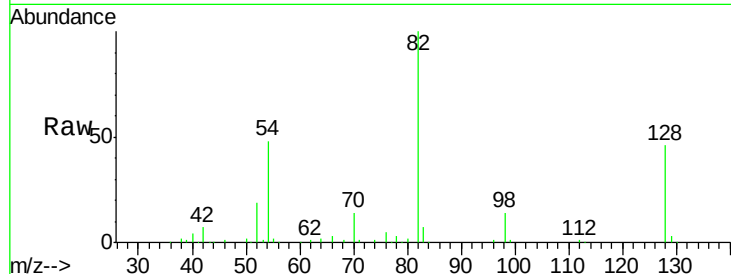




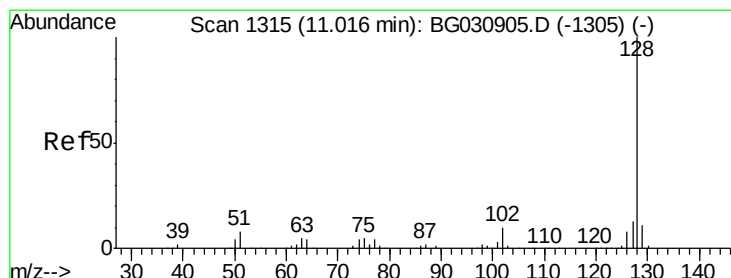
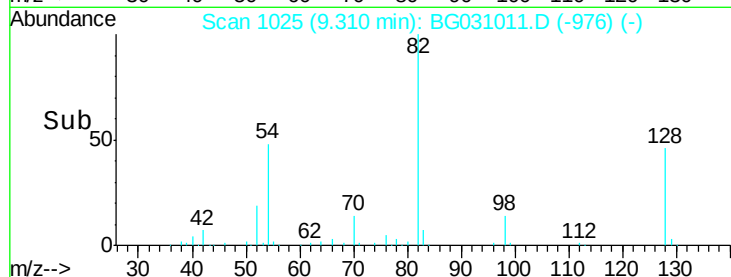
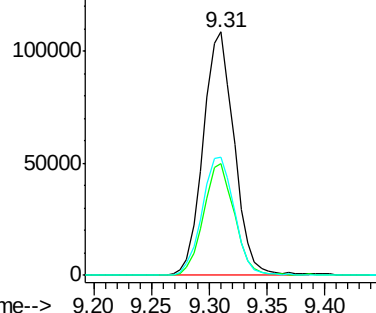
#23
Nitrobenzene-d5
Concen: 100.519 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG031011.D
Acq: 15 Nov 2017 12:26

Instrument :
BNA_G
ClientSampleId :
EO-02-111017-A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.2	29.7	44.5#
54	48.5	43.1	64.7

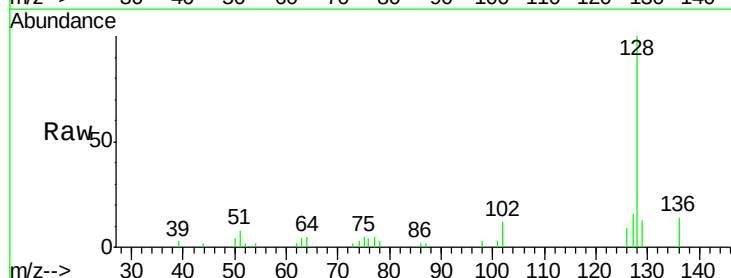


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

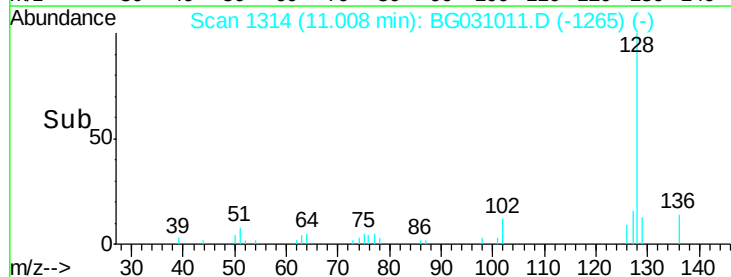
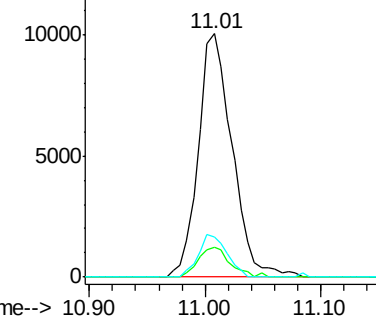


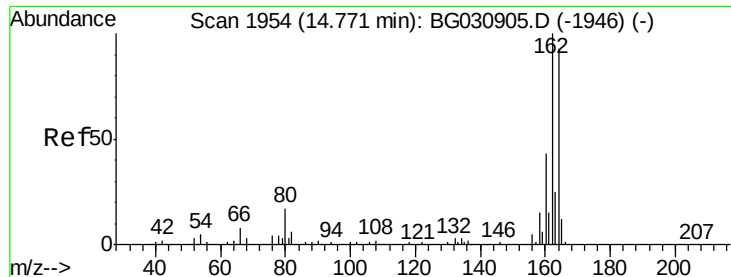
#31
Naphthalene
Concen: 3.467 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG031011.D
Acq: 15 Nov 2017 12:26

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.5	8.6	12.8
127	16.4	11.6	17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG031011.D

Acq: 15 Nov 2017 12:26

Instrument :

BNA_G

ClientSampleId :

EO-02-111017-A

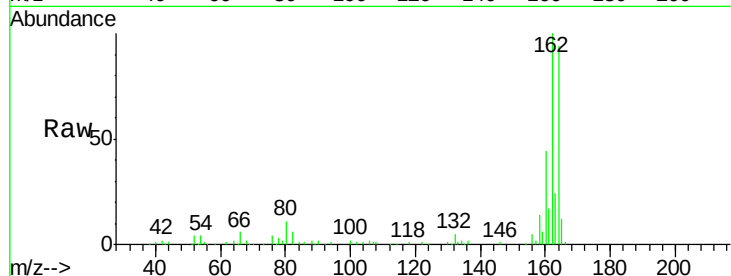
Tgt Ion:164 Resp: 77588

Ion Ratio Lower Upper

164 100

162 106.9 78.8 118.2

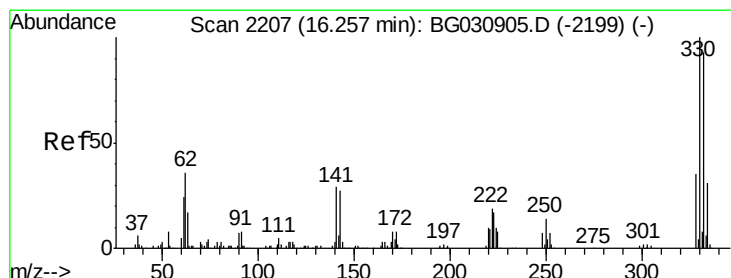
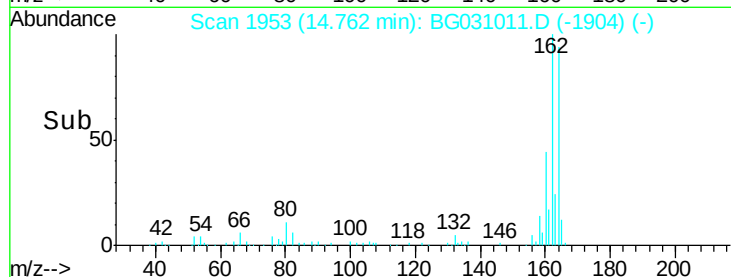
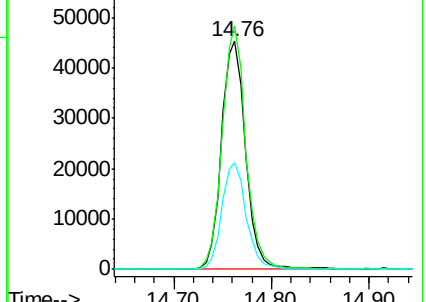
160 46.7 35.4 53.0



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: 203.964 ng

RT: 16.24 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG031011.D

Acq: 15 Nov 2017 12:26

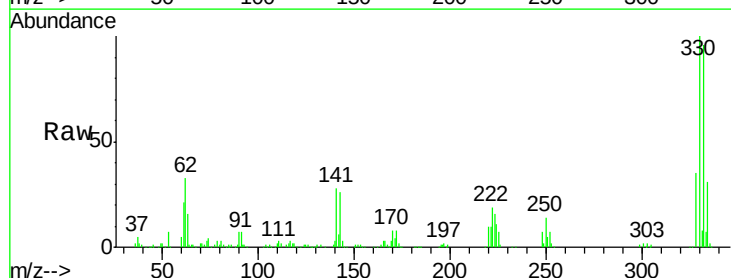
Tgt Ion:330 Resp: 256000

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

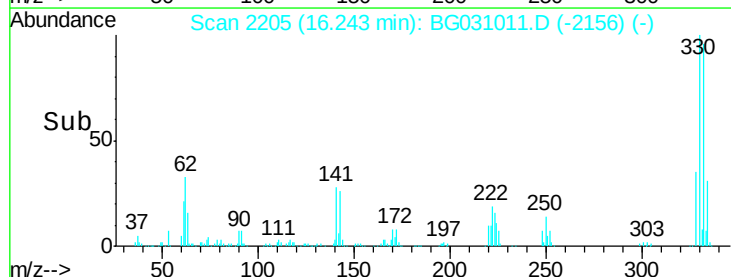
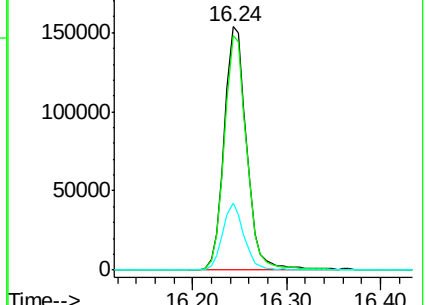
141 26.5 25.2 37.8

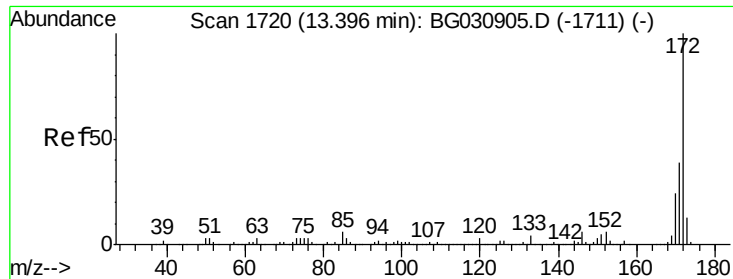


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

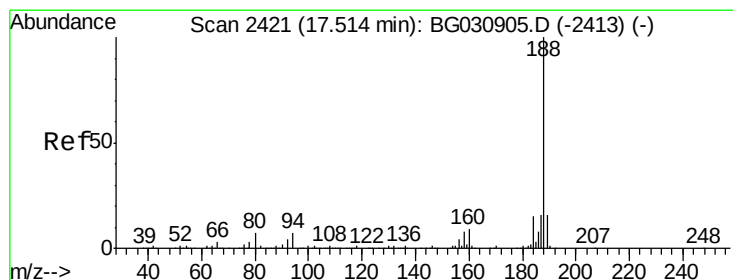
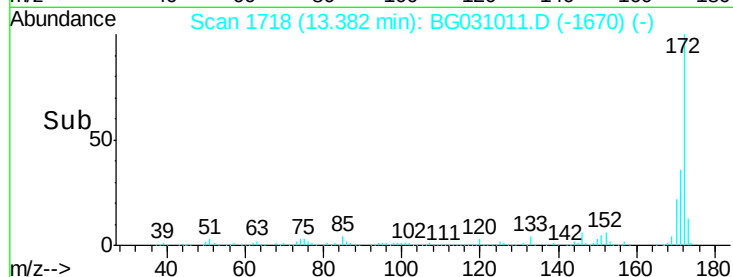
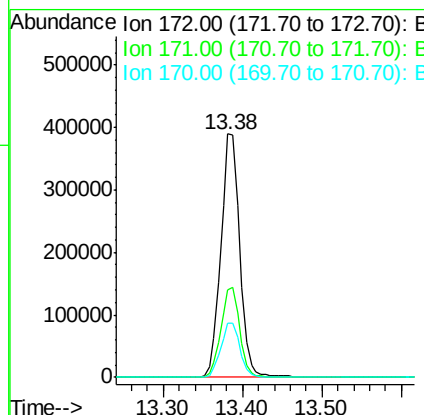
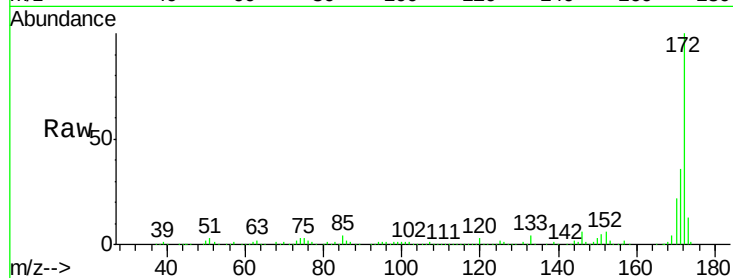




#44
 2-Fluorobiphenyl
 Concen: 118.985 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031011.D
 Acq: 15 Nov 2017 12:26

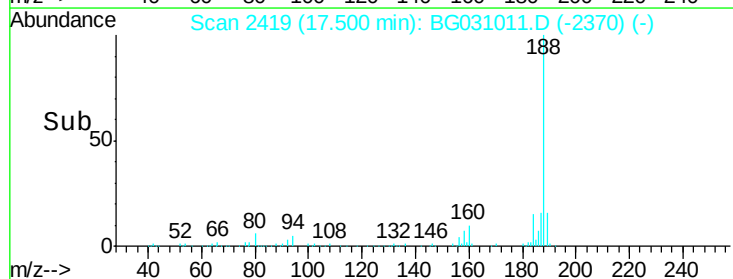
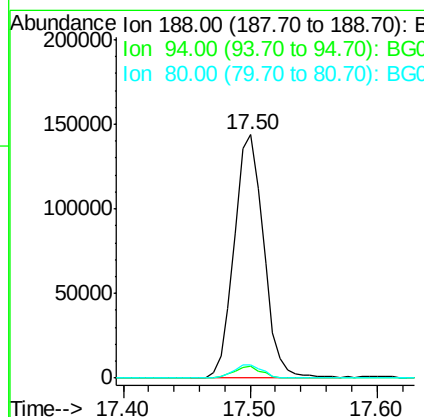
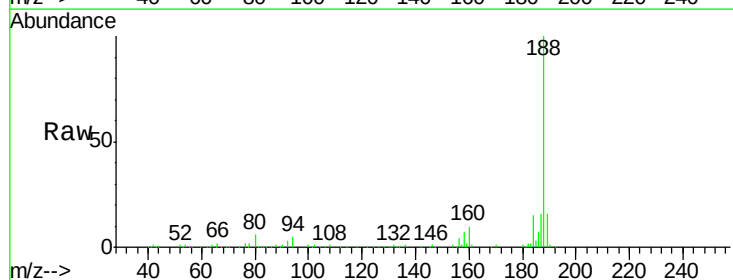
Instrument :
 BNA_G
 ClientSampleId :
 EO-02-111017-A

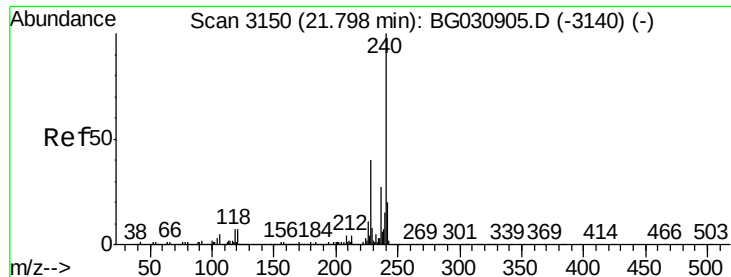
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.0	45.0
170	22.2	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG031011.D
 Acq: 15 Nov 2017 12:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.8	6.9	10.3#
80	5.6	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031011.D

Acq: 15 Nov 2017 12:26

Instrument :

BNA_G

ClientSampleId :

EO-02-111017-A

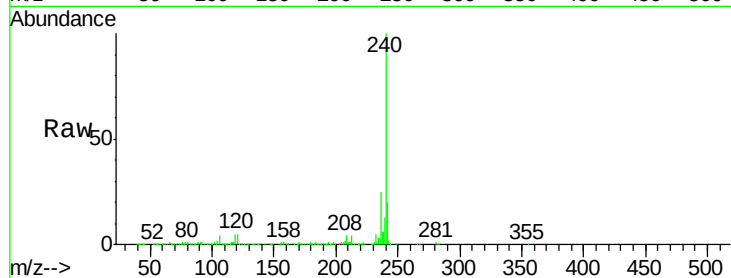
Tgt Ion:240 Resp: 379261

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

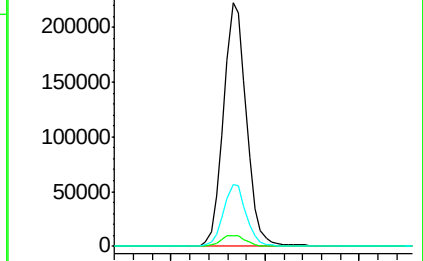
236 25.3 20.9 31.3



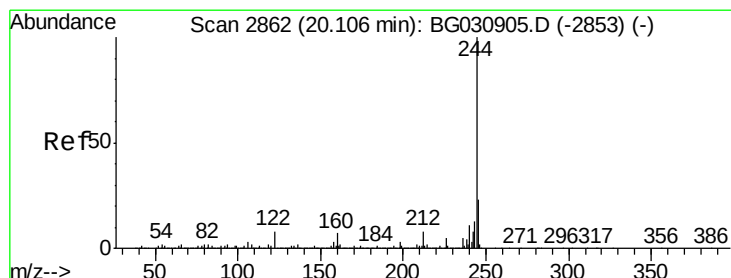
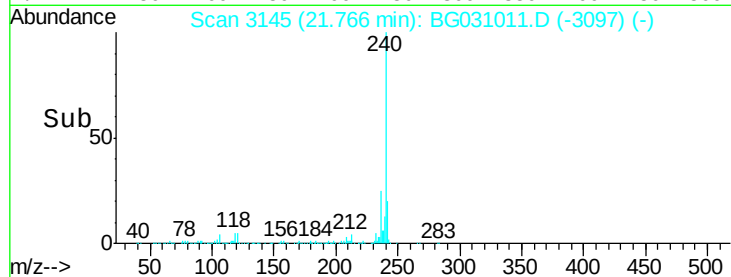
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 94.148 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG031011.D

Acq: 15 Nov 2017 12:26

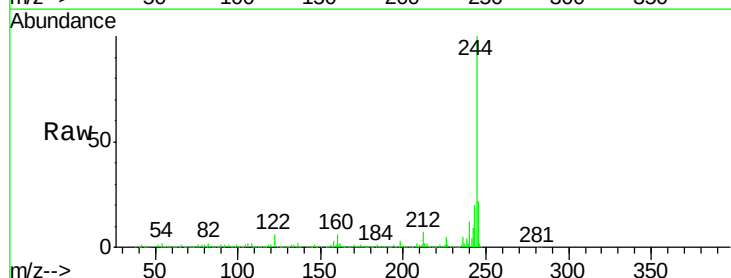
Tgt Ion:244 Resp: 1617084

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

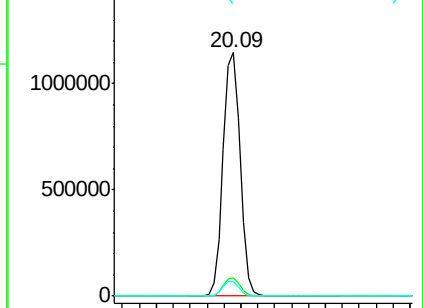
122 6.0 7.0 10.4#



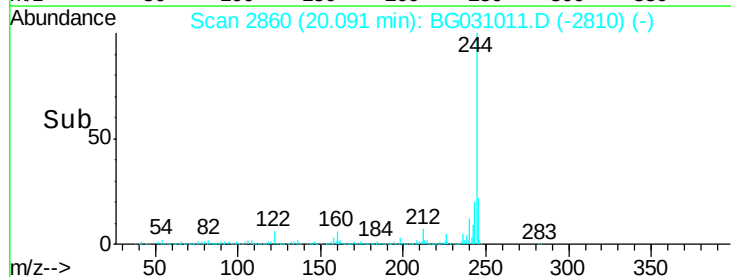
Abundance Ion 244.00 (243.70 to 244.70): E

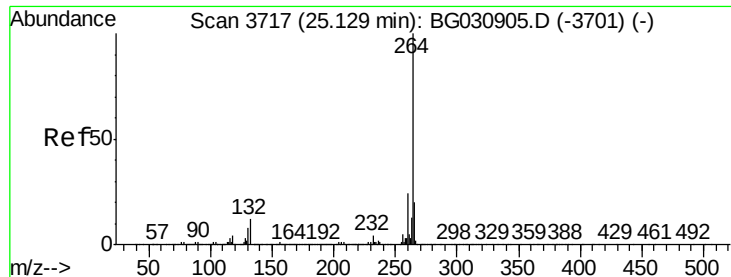
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

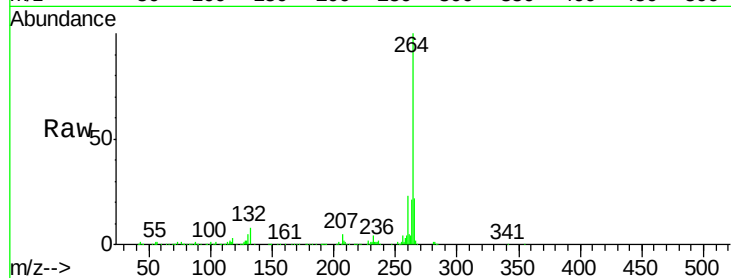




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG031011.D
Acq: 15 Nov 2017 12:26

Instrument :
BNA_G
ClientSampleId :
EO-02-111017-A

Tgt Ion:	264	Resp:	329057
Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.8	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

