

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071017\
 Data File : BG027913.D
 Acq On : 11 Jul 2017 10:59
 Operator : SJ/JU
 Sample : I4119-03RE
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-070717-ARE

Manual Integrations
 APPROVED

mohammad
 7/11/2017 3:34:52 PM

Quant Time: Jul 11 13:30:04 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	39807	20.00	ng	-0.01
21) Naphthalene-d8	11.23	136	172537	20.00	ng	-0.01
38) Acenaphthene-d10	15.01	164	61354	20.00	ng	-0.01
63) Phenanthrene-d10	17.76	188	228514	20.00	ng	-0.02
75) Chrysene-d12	22.10	240	162098	20.00	ng	-0.02
86) Perylene-d12	25.68	264	9495m	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	363915	140.78	ng	0.00
7) Phenol-d6	7.56	99	379669	96.14	ng	-0.01
23) Nitrobenzene-d5	9.58	82	260241	84.07	ng	-0.01
41) 2,4,6-Tribromophenol	16.50	330	246602	293.04	ng	-0.02
44) 2-Fluorobiphenyl	13.63	172	678798	158.01	ng	-0.02
78) Terphenyl-d14	20.34	244	1264972	182.95	ng	-0.01
Target Compounds						
31) Naphthalene	11.29	128	30837	3.361	ng	Qvalue 98

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

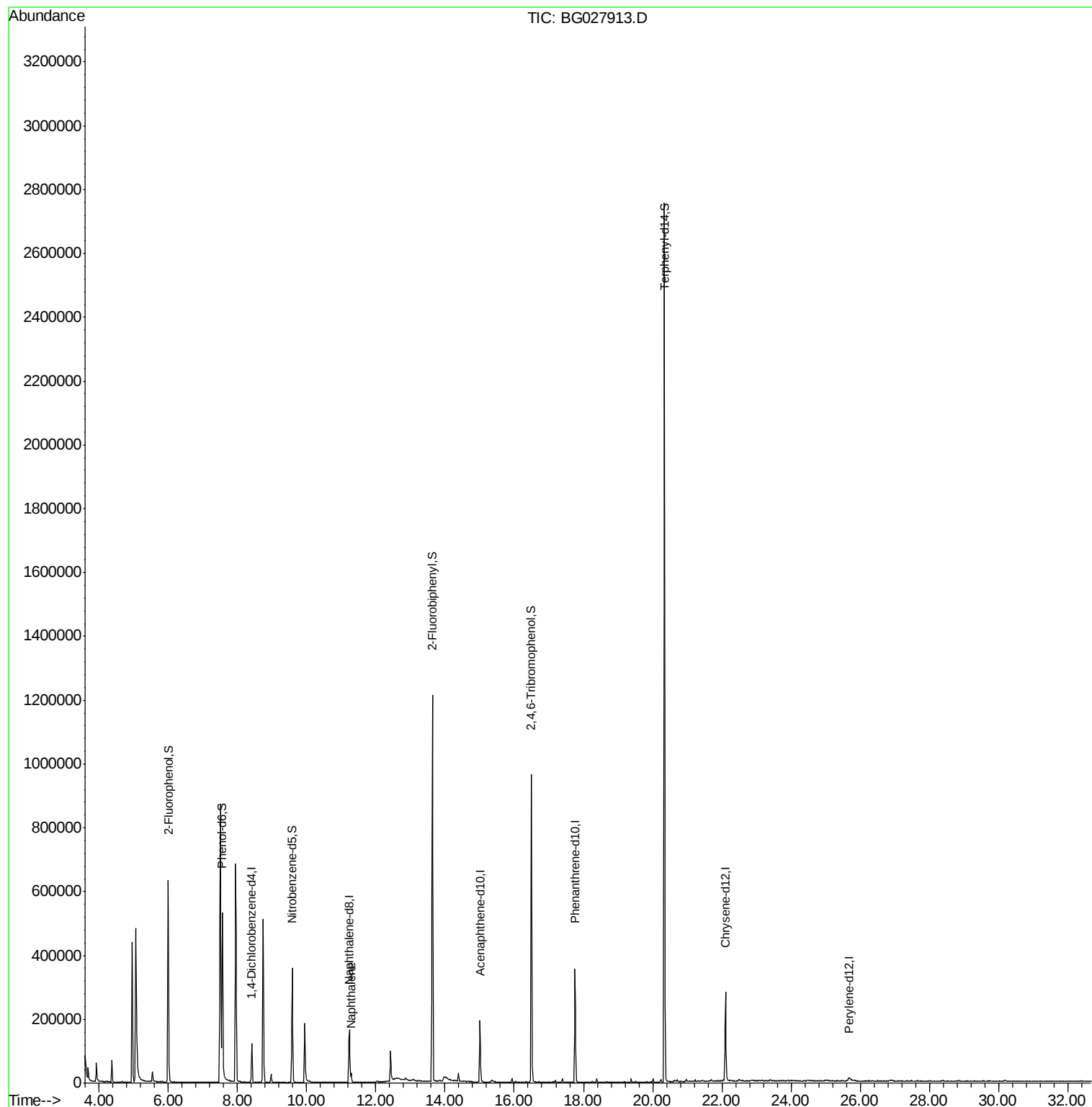
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071017\
Data File : BG027913.D
Acq On : 11 Jul 2017 10:59
Operator : SJ/JU
Sample : I4119-03RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

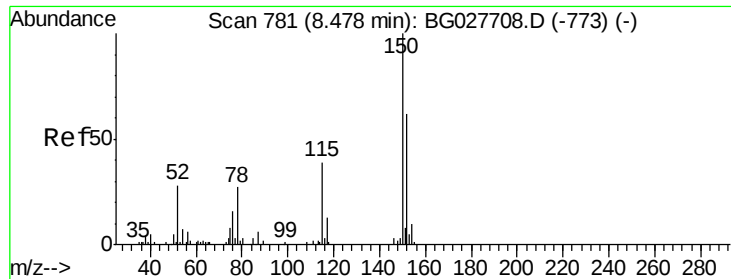
Instrument :
BNA_G
ClientSampleId :
EO-03-070717-ARE

Manual Integrations
APPROVED

mohammad
7/11/2017 3:34:52 PM

Quant Time: Jul 11 13:30:04 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 17:43:21 2017
Response via : Initial Calibration





#1

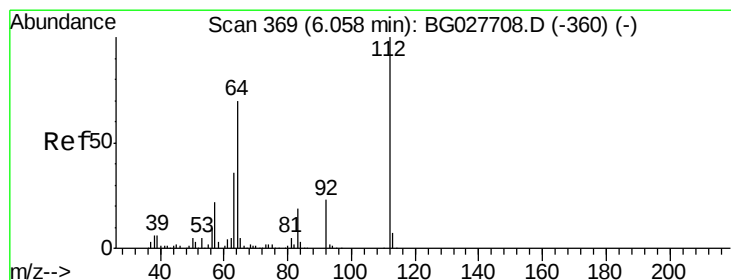
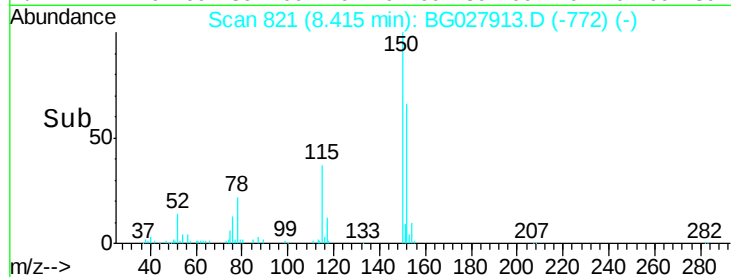
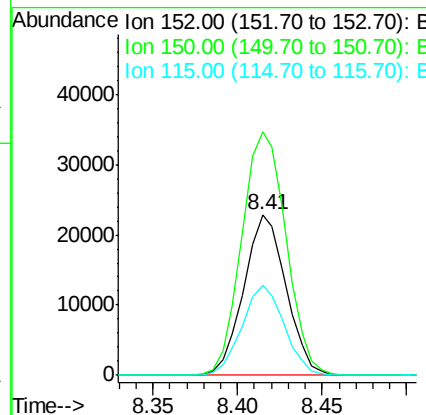
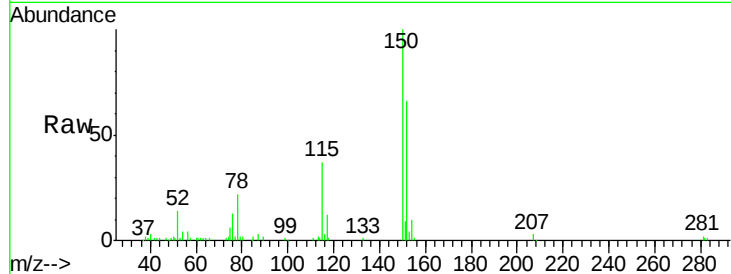
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.41 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG027913.D
Acq: 11 Jul 2017 10:59

Instrument :
BNA_G
ClientSampleId :
EO-03-070717-ARE

Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		39807		
150	151.7	114.0	171.0		
115	55.9	48.1	72.1		

Manual Integrations
APPROVED

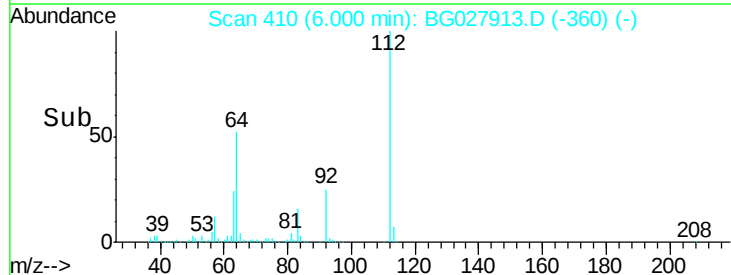
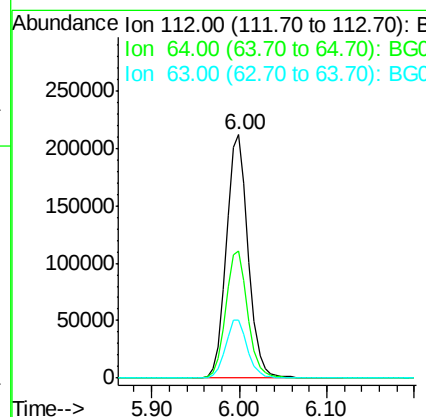
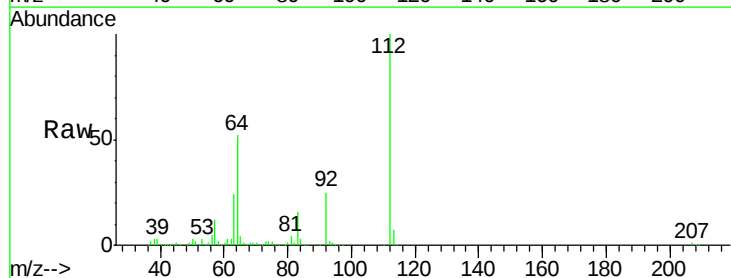
mohammad
7/11/2017 3:34:52 PM

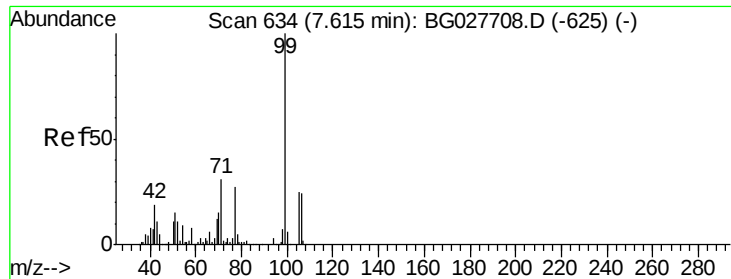


#5

2-Fluorophenol
Concen: 140.778 ng
RT: 6.00 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG027913.D
Acq: 11 Jul 2017 10:59

Tgt	Ion	Ratio	Resp	Lower	Upper
112	100		363915		
64	52.3	61.8	92.6#		
63	23.9	37.2	55.8#		





#7

Phenol-d6

Concen: 96.140 ng

RT: 7.56 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG027913.D

Acq: 11 Jul 2017 10:59

Instrument :

BNA_G

ClientSampleId :

EO-03-070717-ARE

Tgt Ion: 99 Resp: 379669

Ion Ratio Lower Upper

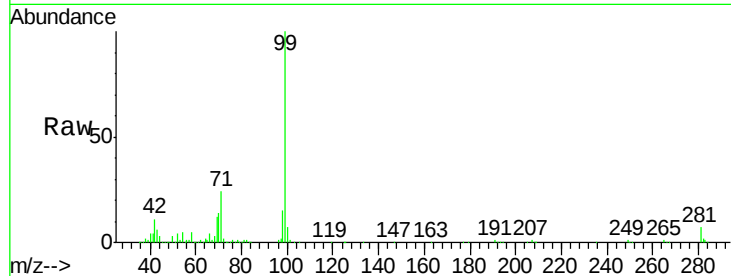
99 100

42 10.6 20.5 30.7#

71 24.2 37.6 56.4#

Manual Integrations
APPROVED

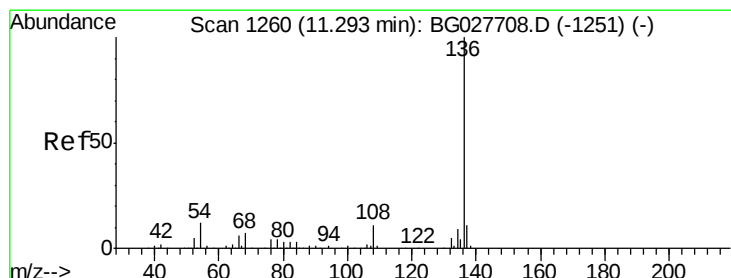
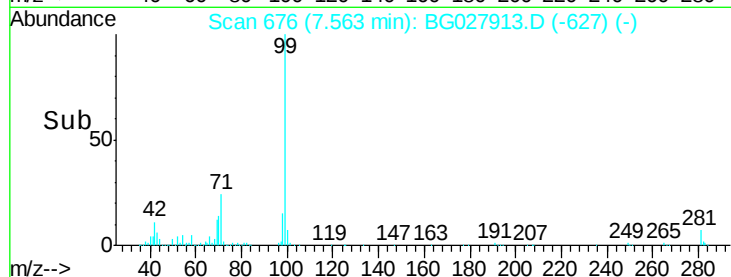
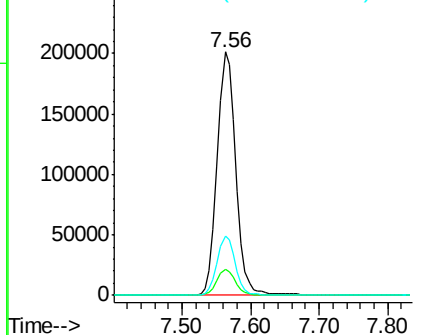
mohammad
7/11/2017 3:34:52 PM



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: 11.23 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BG027913.D

Acq: 11 Jul 2017 10:59

Tgt Ion: 136 Resp: 172537

Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.8 9.3 13.9#

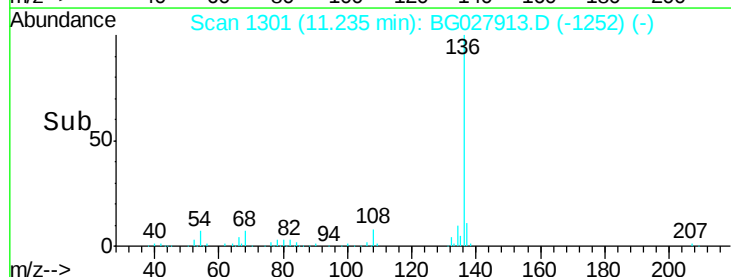
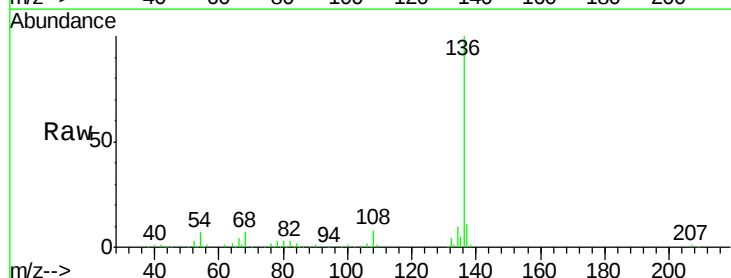
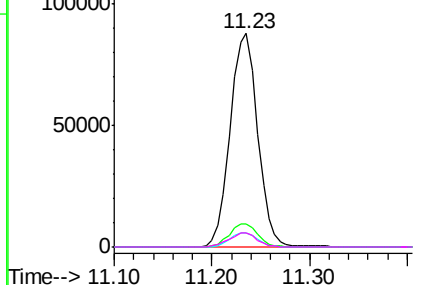
68 6.6 5.1 7.7

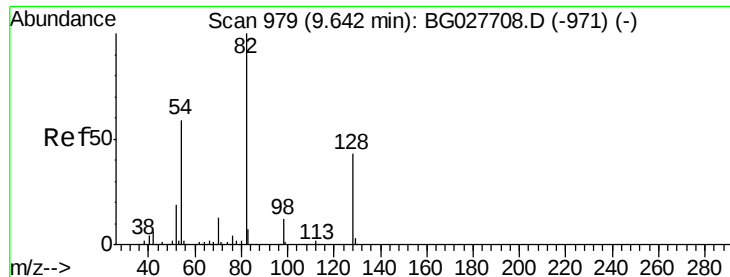
Abundance Ion 136.00 (135.70 to 136.70): E

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





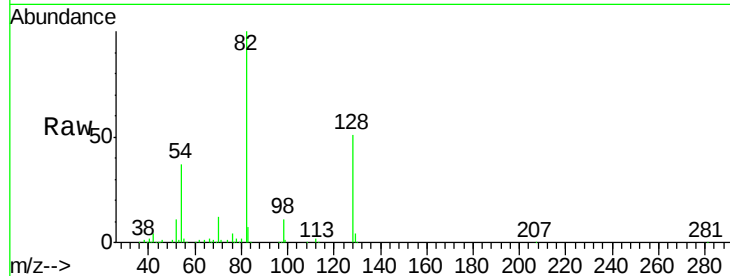
#23
Nitrobenzene-d5
Concen: 84.075 ng
RT: 9.58 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG027913.D
Acq: 11 Jul 2017 10:59

Instrument :
BNA_G
ClientSampleId :
EO-03-070717-ARE

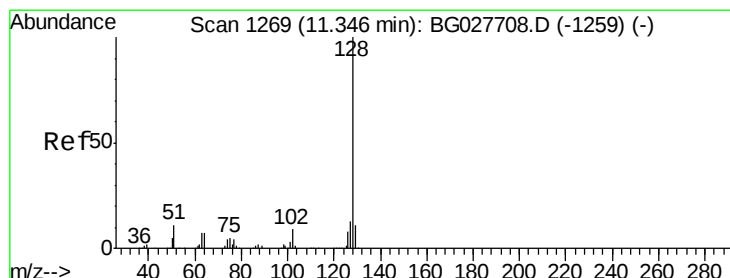
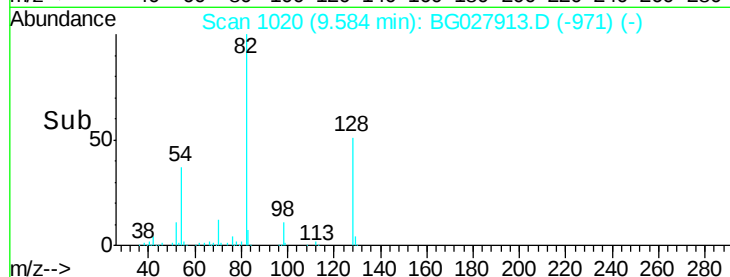
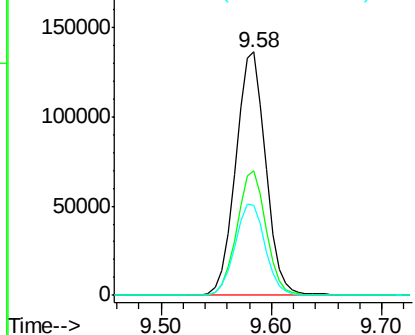
Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.4	26.4	39.6#
54	37.2	49.4	74.2#

Manual Integrations
APPROVED

mohammad
7/11/2017 3:34:52 PM



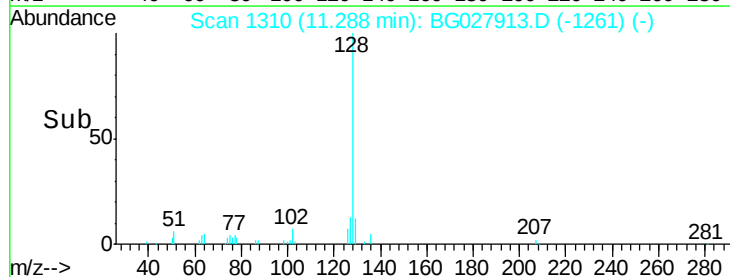
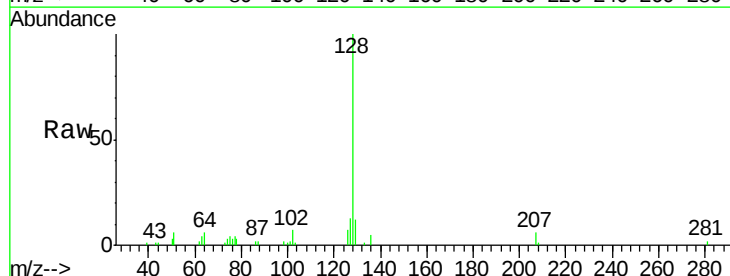
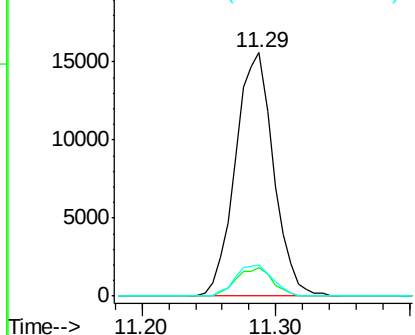
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

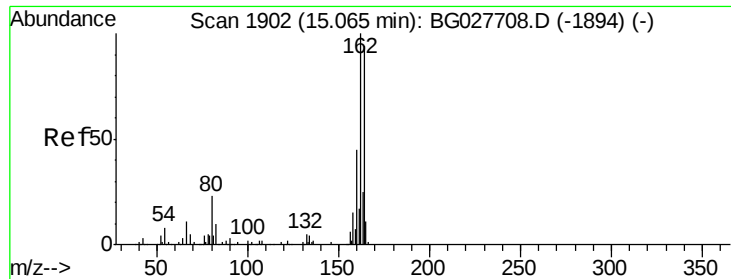


#31
Naphthalene
Concen: 3.361 ng
RT: 11.29 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG027913.D
Acq: 11 Jul 2017 10:59

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	12.9	11.4	17.0

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: 15.01 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG027913.D

Acq: 11 Jul 2017 10:59

Instrument :

BNA_G

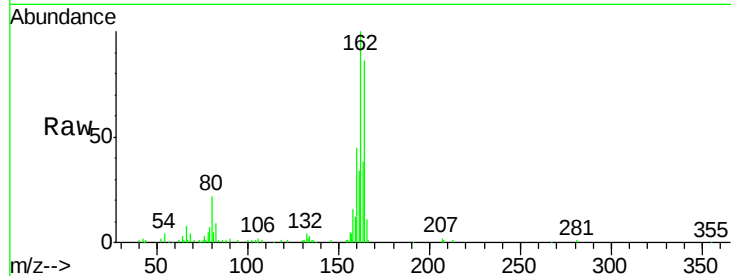
ClientSampleId :

EO-03-070717-ARE

Tgt Ion	Ratio	Lower	Upper
164	100		
162	116.9	85.1	127.7
160	52.5	34.7	52.1#

Manual Integrations
APPROVED

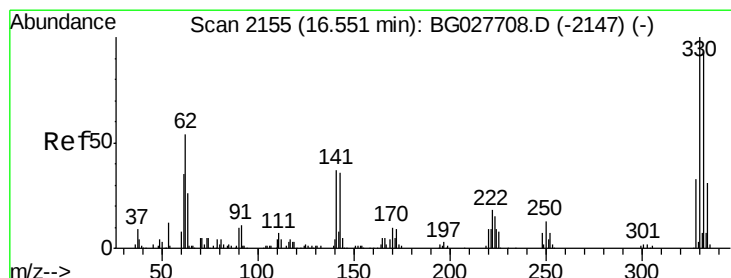
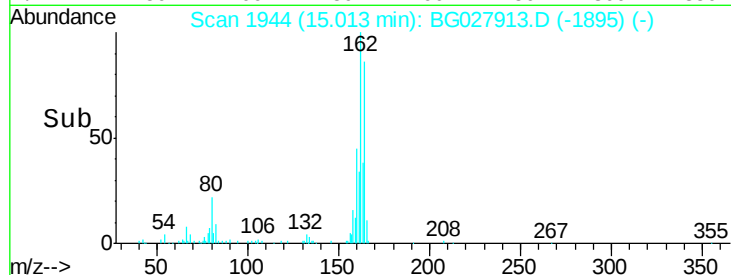
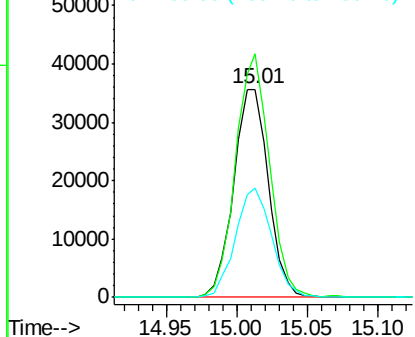
mohammad
7/11/2017 3:34:52 PM



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: 293.038 ng

RT: 16.50 min Scan# 2197

Delta R.T. -0.02 min

Lab File: BG027913.D

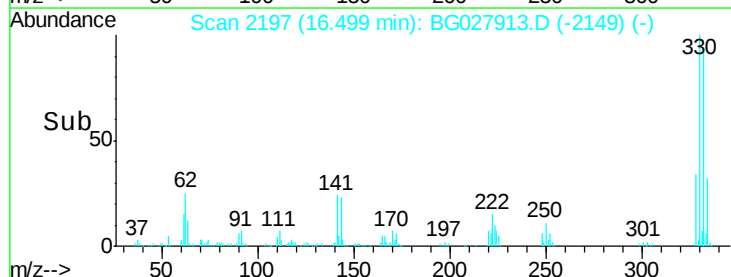
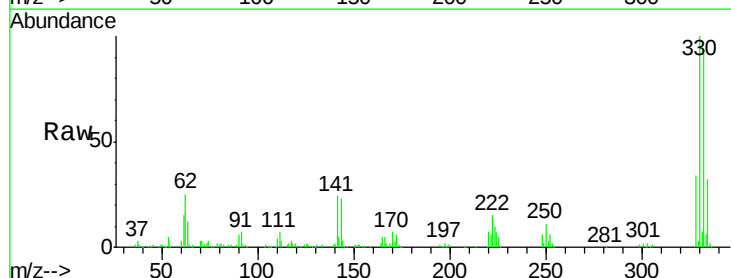
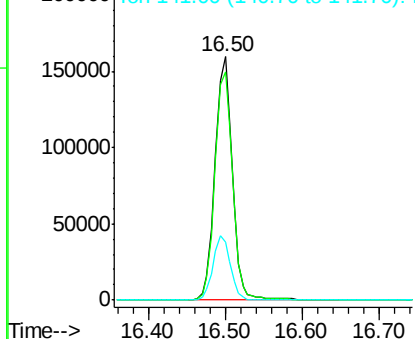
Acq: 11 Jul 2017 10:59

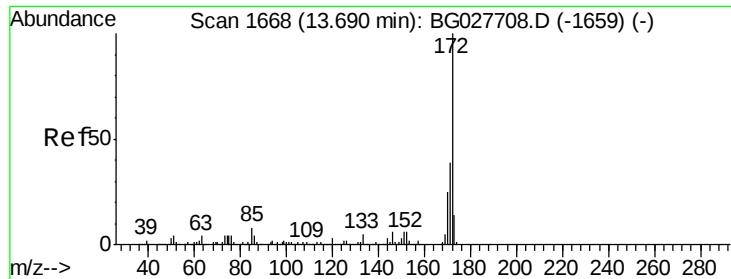
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	26.5	32.1	48.1#

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





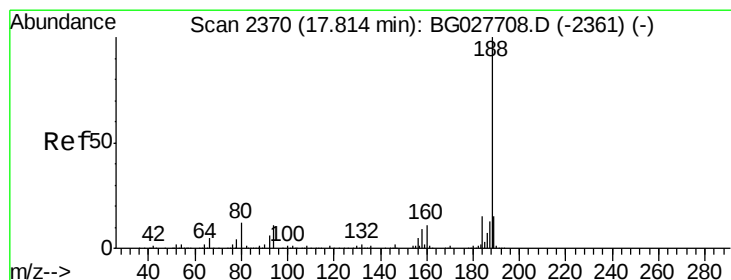
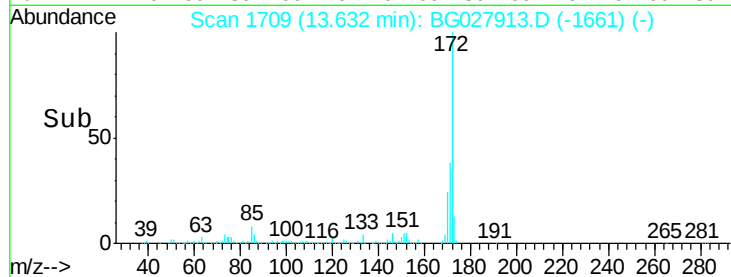
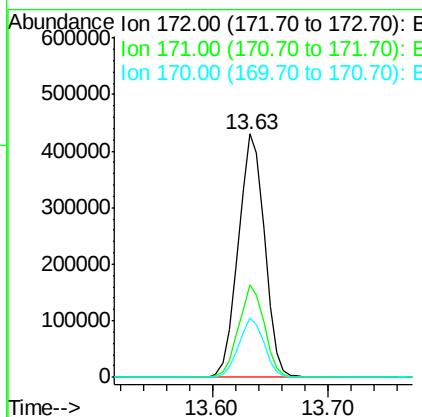
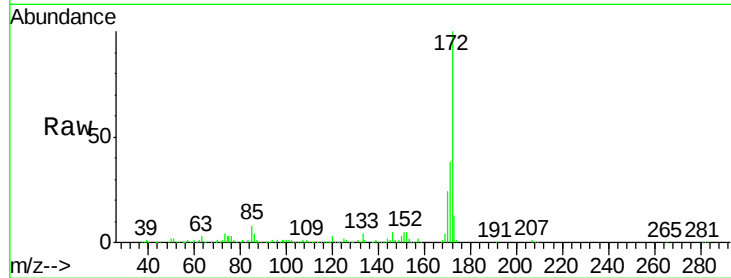
#44
2-Fluorobiphenyl
Concen: 158.007 ng
RT: 13.63 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BG027913.D
Acq: 11 Jul 2017 10:59

Instrument :
BNA_G
ClientSampleId :
EO-03-070717-ARE

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.2	48.2
170	24.4	21.8	32.6

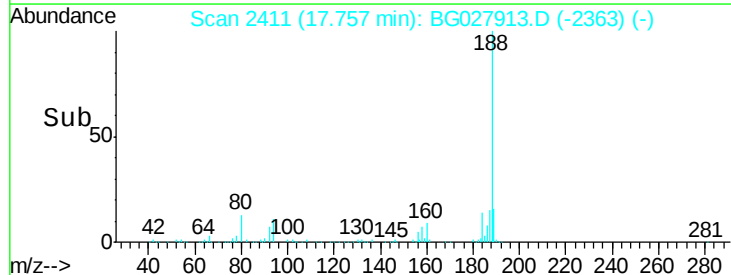
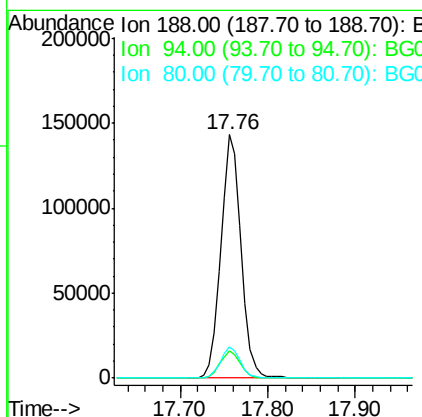
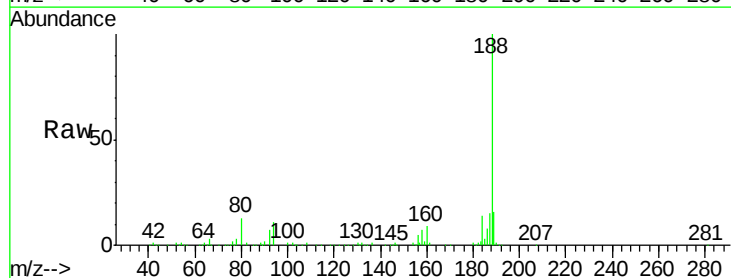
Manual Integrations
APPROVED

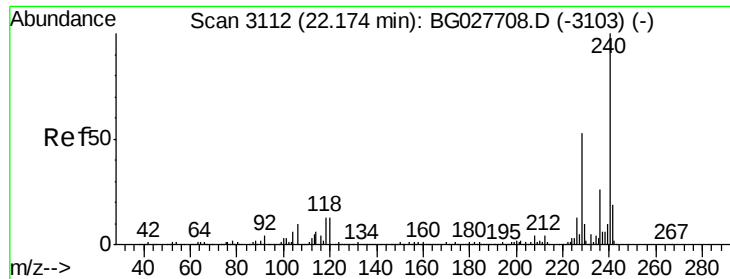
mohammad
7/11/2017 3:34:52 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.76 min Scan# 2411
Delta R.T. -0.02 min
Lab File: BG027913.D
Acq: 11 Jul 2017 10:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	5.8	8.8#
80	12.8	7.5	11.3#





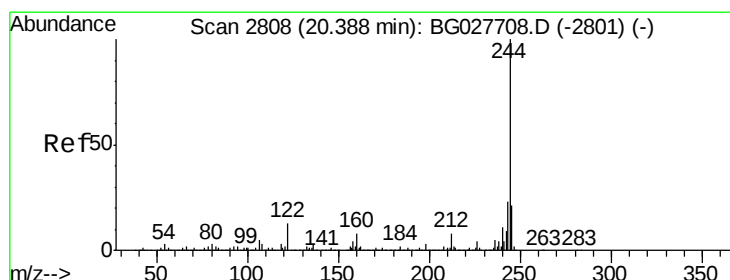
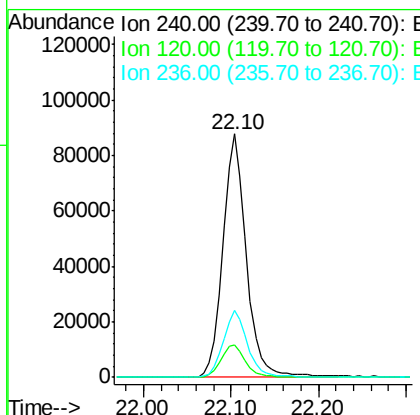
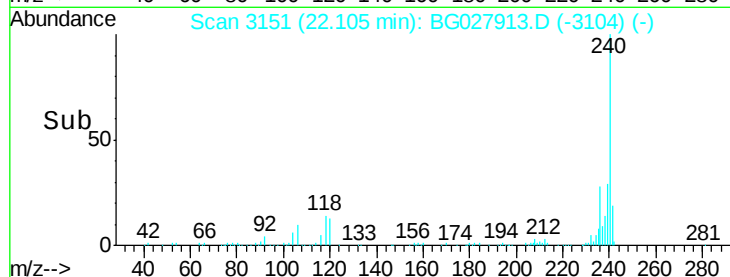
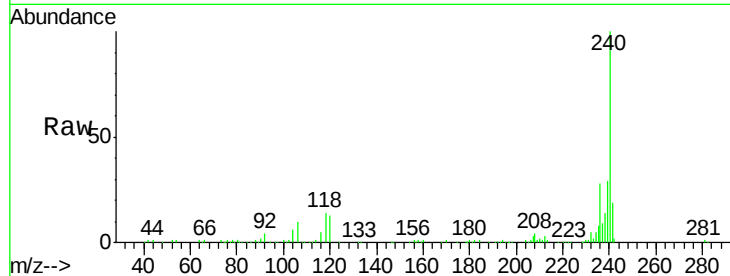
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.10 min Scan# 3151
Delta R.T. -0.02 min
Lab File: BG027913.D
Acq: 11 Jul 2017 10:59

Instrument :
BNA_G
ClientSampleId :
EO-03-070717-ARE

Tgt Ion:240 Resp: 162098
Ion Ratio Lower Upper
240 100
120 13.4 5.7 8.5#
236 27.6 22.2 33.4

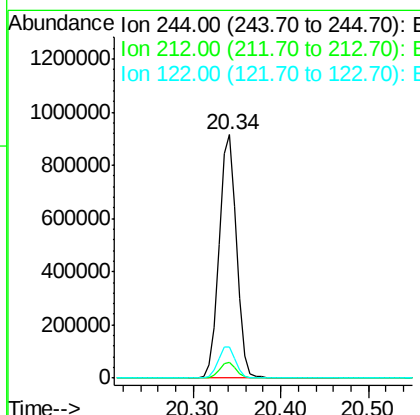
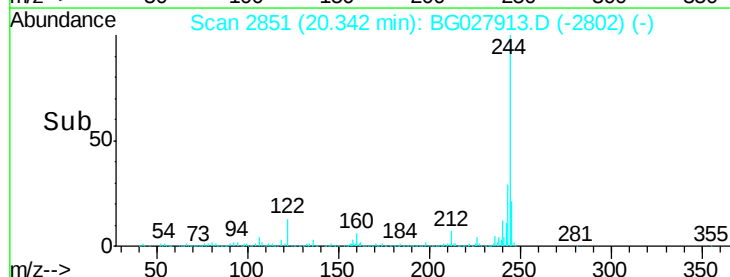
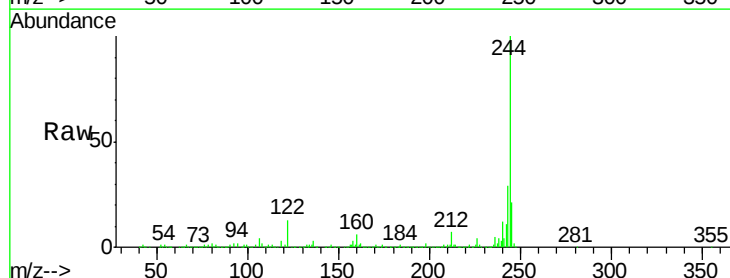
Manual Integrations
APPROVED

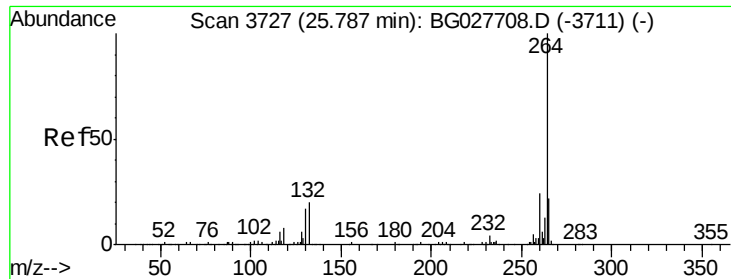
mohammad
7/11/2017 3:34:52 PM



#78
Terphenyl-d14
Concen: 182.949 ng
RT: 20.34 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG027913.D
Acq: 11 Jul 2017 10:59

Tgt Ion:244 Resp: 1264972
Ion Ratio Lower Upper
244 100
212 6.6 10.0 15.0#
122 12.8 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng m
RT: 25.68 min Scan# 3759
Delta R.T. -0.02 min
Lab File: BG027913.D
Acq: 11 Jul 2017 10:59

Instrument :
BNA_G
ClientSampleId :
EO-03-070717-ARE

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	9495		
260	30.6		21.8	32.8
265	19.9		18.2	27.4

Manual Integrations
APPROVED

mohammad
7/11/2017 3:34:52 PM

