

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
 Data File : BG032660.D
 Acq On : 13 Feb 2018 14:49
 Operator : SJ/JU
 Sample : J1517-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CO-M

Manual Integrations
 APPROVED

Sohil
 2/14/2018 10:31:08 AM

Quant Time: Feb 13 16:32:23 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	37729	20.00	ng	0.00
21) Naphthalene-d8	11.54	136	153650	20.00	ng	0.00
38) Acenaphthene-d10	15.30	164	109563	20.00	ng	0.00
63) Phenanthrene-d10	18.04	188	275881	20.00	ng	0.00
75) Chrysene-d12	22.37	240	347675	20.00	ng	0.00
86) Perylene-d12	26.01	264	367368	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	294819	156.78	ng	0.00
7) Phenol-d6	7.80	99	329393	128.10	ng	0.00
23) Nitrobenzene-d5	9.87	82	258706	107.01	ng	0.00
41) 2,4,6-Tribromophenol	16.78	330	232718	137.94	ng	0.00
44) 2-Fluorobiphenyl	13.94	172	820731	93.68	ng	0.00
78) Terphenyl-d14	20.59	244	1342314	88.00	ng	0.00
Target Compounds						
31) Naphthalene	11.60	128	21288	2.853	ng	Qvalue 98
32) Benzoic acid	10.80	122	35978m	27.320	ng	

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

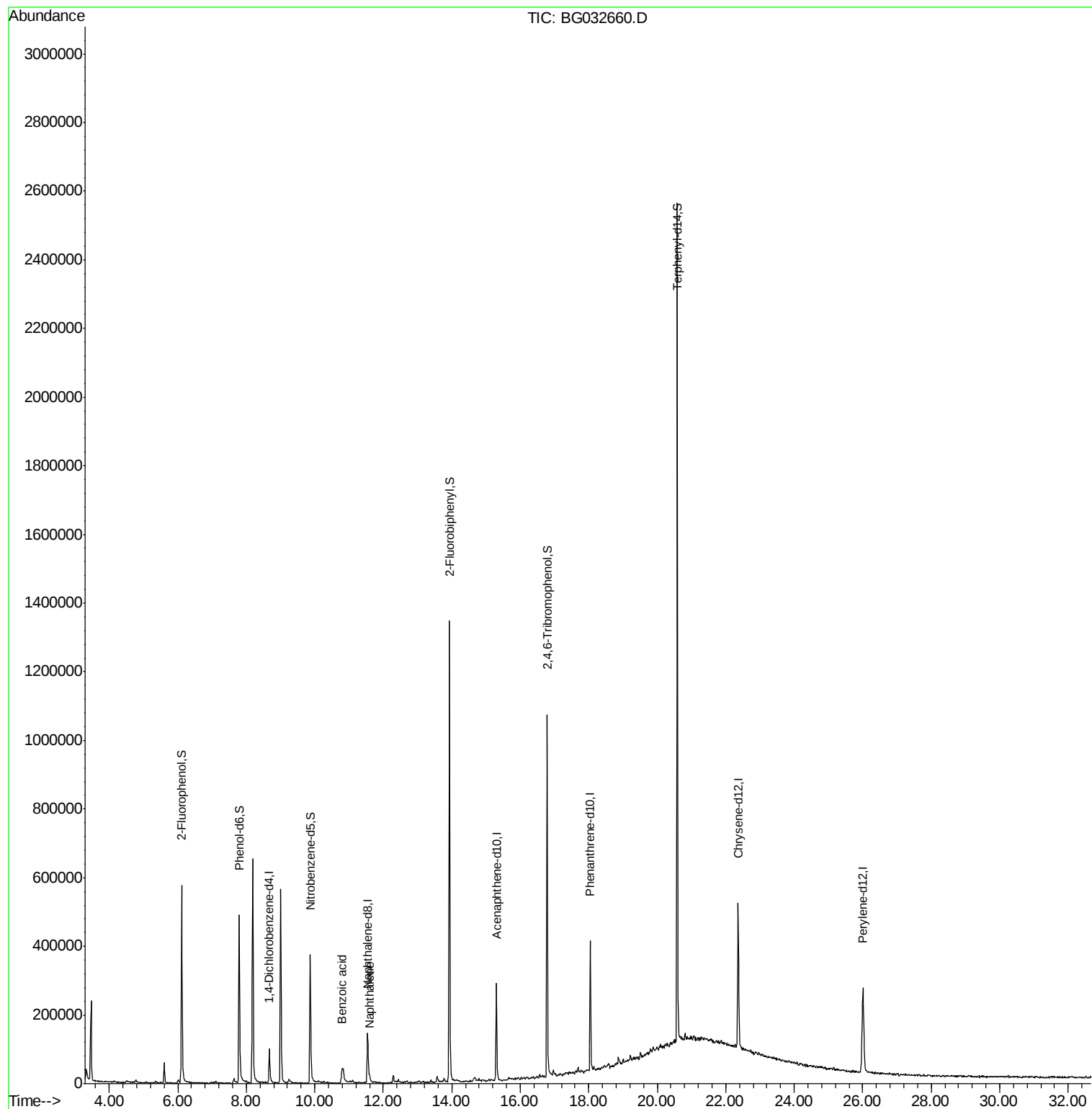
Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
Data File : BG032660.D
Acq On : 13 Feb 2018 14:49
Operator : SJ/JU
Sample : J1517-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

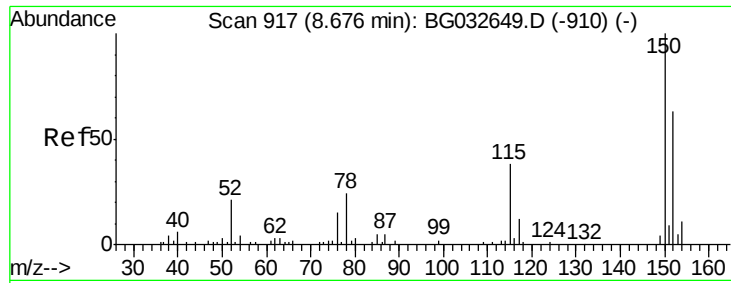
Instrument :
BNA_G
ClientSampleId :
CO-M

Manual Integrations
APPROVED

Sohil
2/14/2018 10:31:08 AM

Quant Time: Feb 13 16:32:23 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration





#1

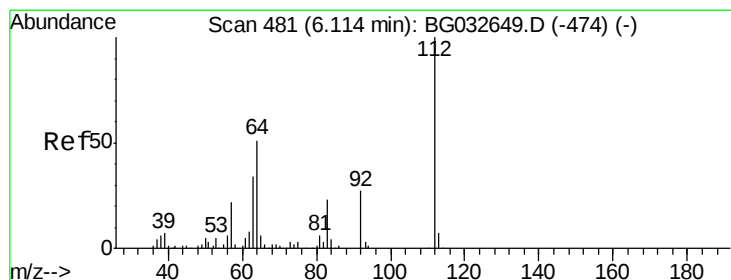
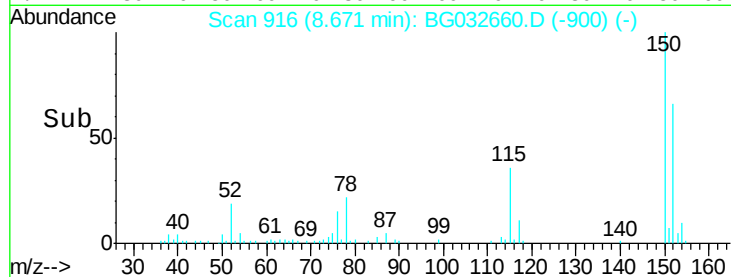
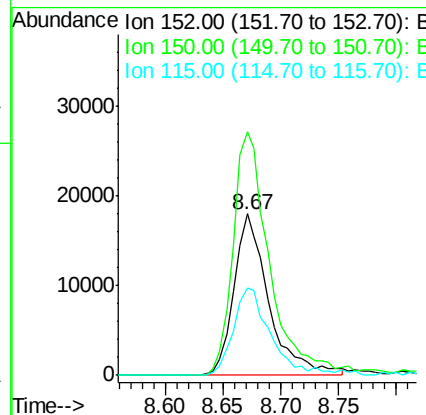
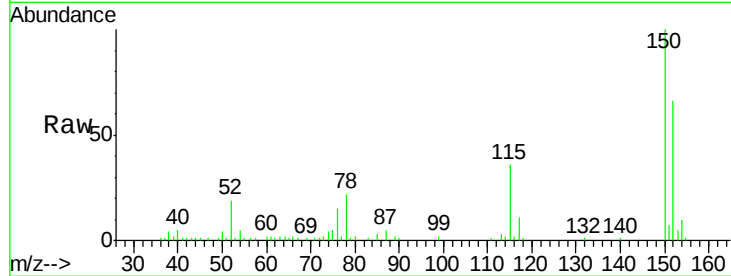
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.01 min
Lab File: BG032660.D
Acq: 13 Feb 2018 14:49

Instrument :
BNA_G
ClientSampled :
CO-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	126.6	189.8
115	54.1	53.0	79.4

Manual Integrations
APPROVED

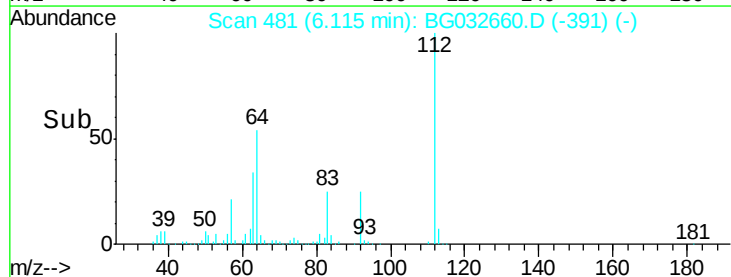
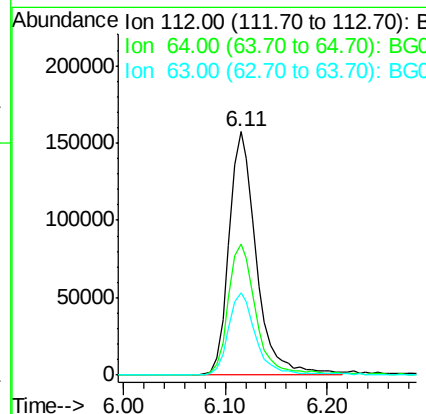
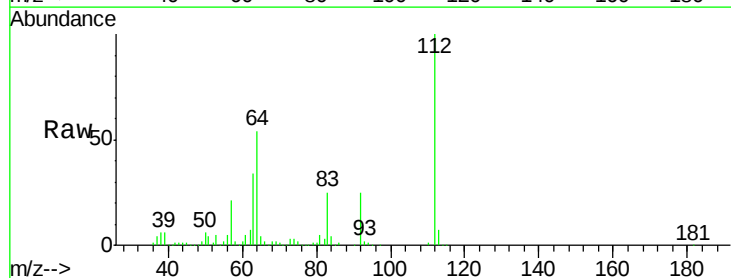
Sohil
2/14/2018 10:31:08 AM

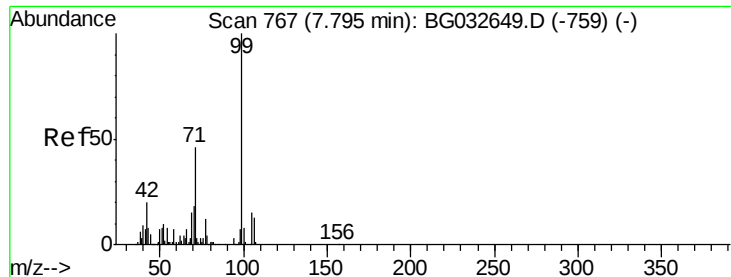


#5

2-Fluorophenol
Concen: 156.779 ng
RT: 6.11 min Scan# 481
Delta R.T. 0.00 min
Lab File: BG032660.D
Acq: 13 Feb 2018 14:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	56.3	84.5#
63	33.8	30.1	45.1





#7

Phenol-d6

Concen: 128.101 ng

RT: 7.80 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG032660.D

Acq: 13 Feb 2018 14:49

Instrument :

BNA_G

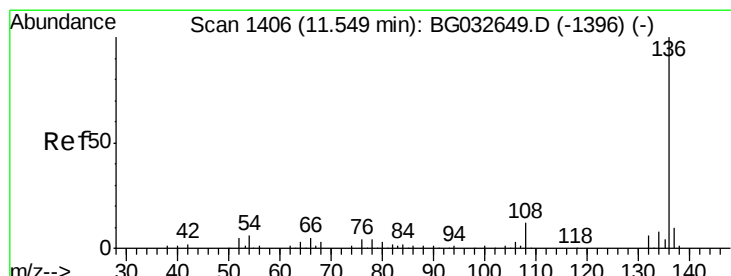
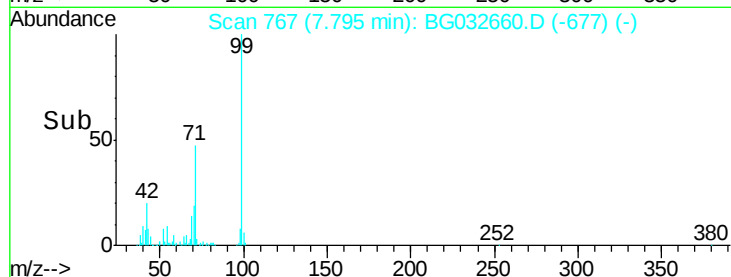
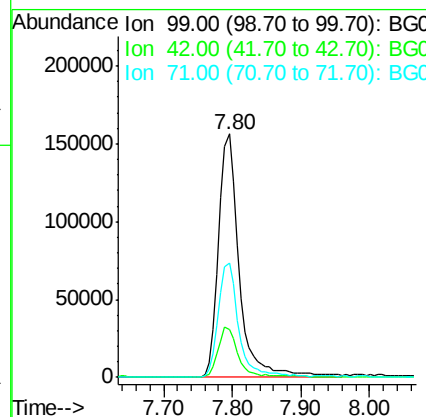
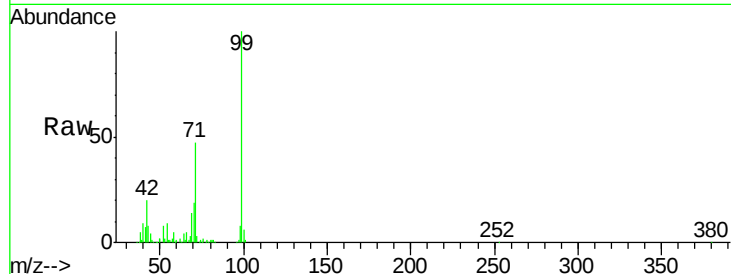
ClientSampleId :

CO-M

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		329393		
42	19.7	14.1	21.1		
71	47.0	26.1	39.1#		

Manual Integrations
APPROVED

Sohil
2/14/2018 10:31:08 AM



#21

Naphthalene-d8

Concen: 20.000 ng

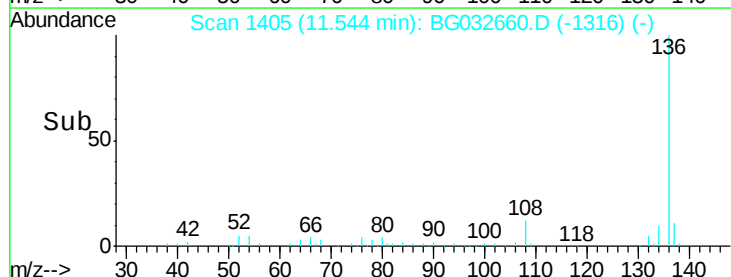
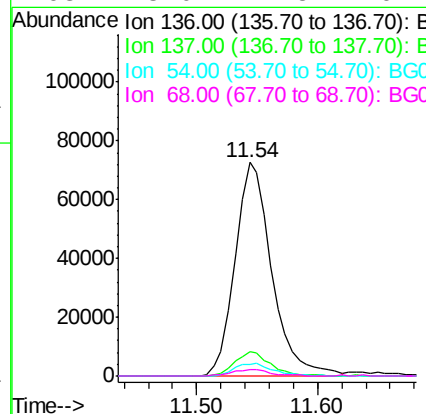
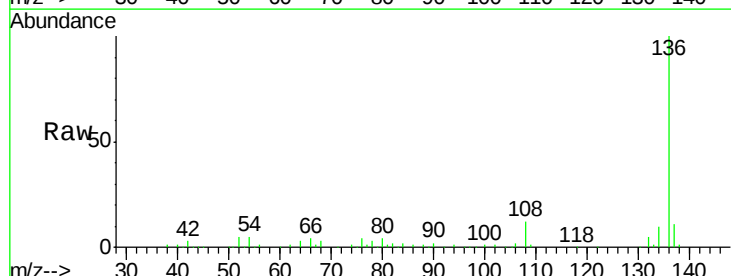
RT: 11.54 min Scan# 1405

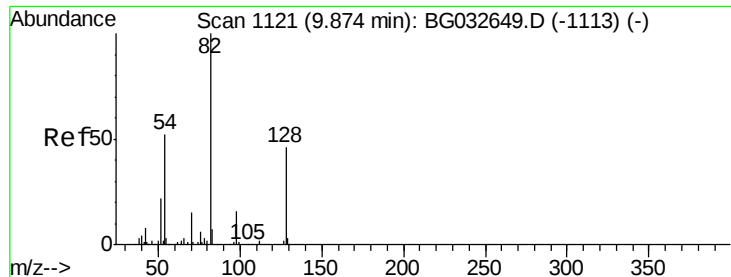
Delta R.T. -0.01 min

Lab File: BG032660.D

Acq: 13 Feb 2018 14:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		153650		
137	11.4	9.2	13.8		
54	5.4	10.3	15.5#		
68	3.0	4.5	6.7#		





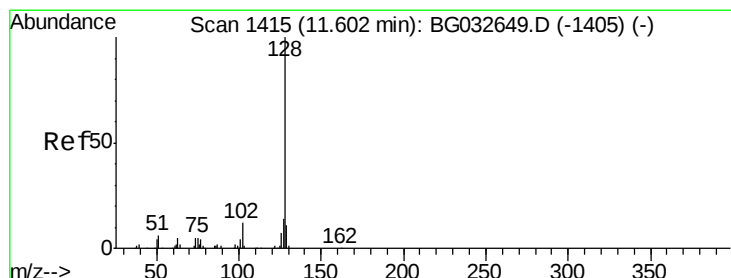
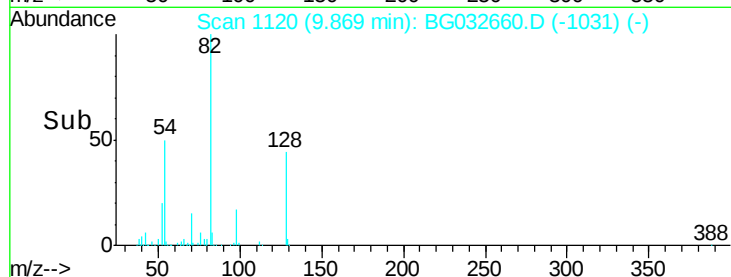
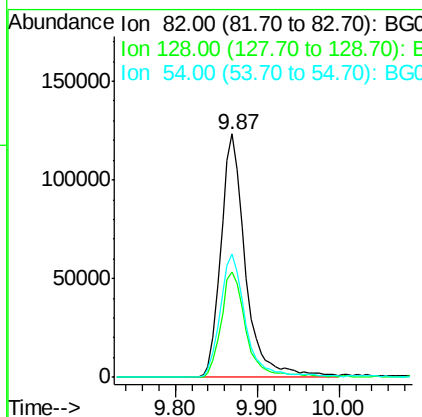
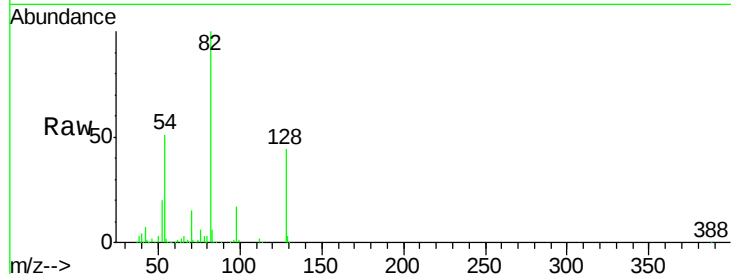
#23
 Nitrobenzene-d5
 Concen: 107.010 ng
 RT: 9.87 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BG032660.D
 Acq: 13 Feb 2018 14:49

Instrument :
 BNA_G
 ClientSampleId :
 CO-M

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	29.7	44.5
54	50.5	43.1	64.7

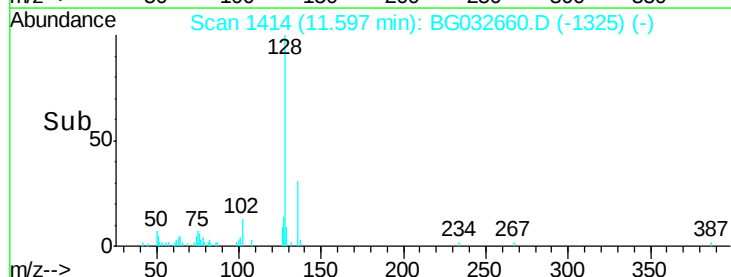
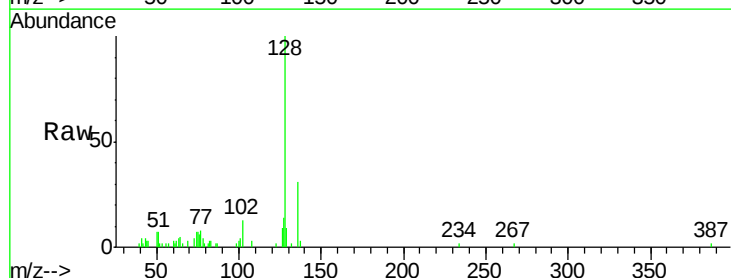
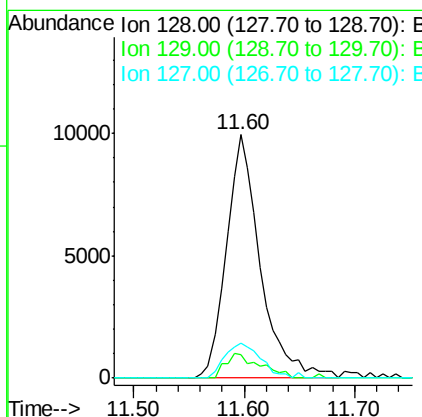
Manual Integrations
 APPROVED

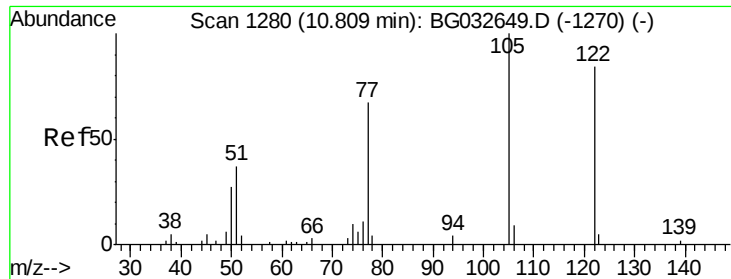
Sohil
 2/14/2018 10:31:08 AM



#31
 Naphthalene
 Concen: 2.853 ng
 RT: 11.60 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BG032660.D
 Acq: 13 Feb 2018 14:49

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.4	8.6	12.8
127	14.3	11.6	17.4





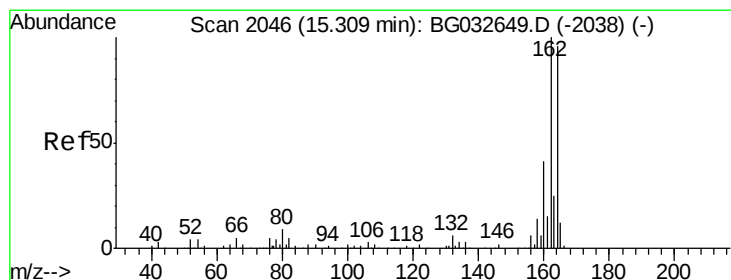
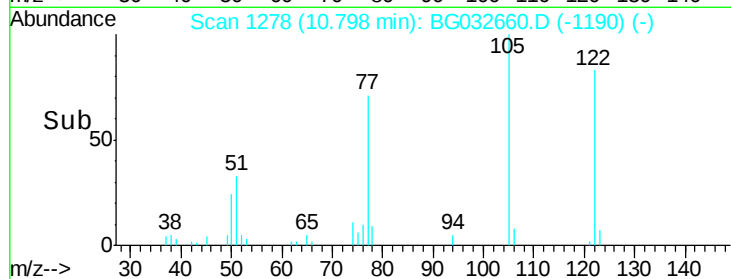
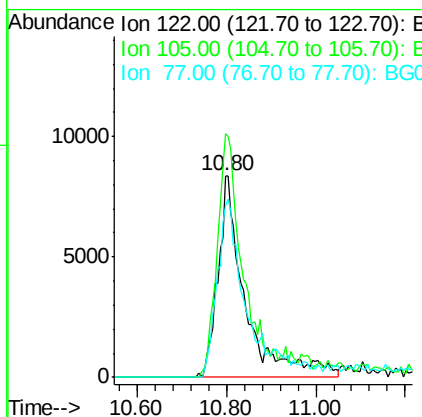
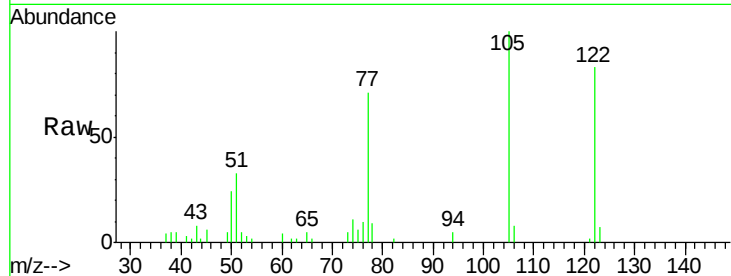
#32
Benzoic acid
Concen: 27.320 ng/ml
RT: 10.80 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BG032660.D
Acq: 13 Feb 2018 14:49

Instrument :
BNA_G
ClientSampled :
CO-M

Tot Ion	Ion	Ratio	Lower	Upper
122	100			
105	120.5	123.5	163.5#	
77	85.3	85.7	125.7#	

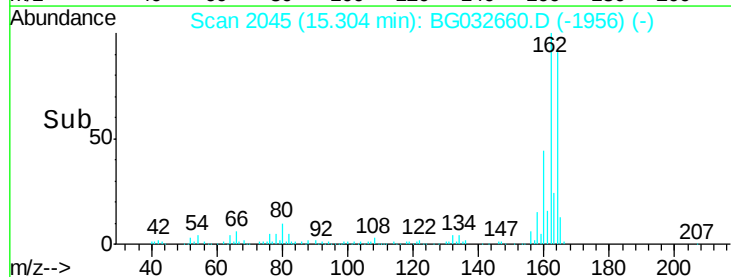
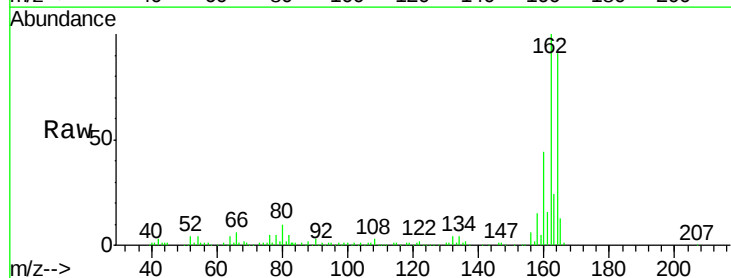
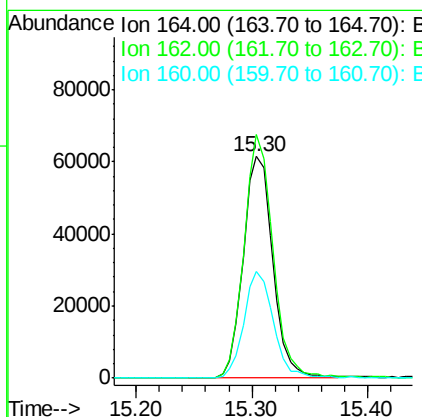
Manual Integrations
APPROVED

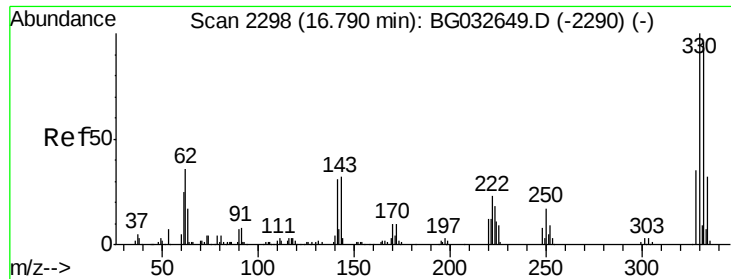
Sohil
2/14/2018 10:31:08 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.30 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG032660.D
Acq: 13 Feb 2018 14:49

Tgt Ion	Ion	Ratio	Lower	Upper
164	100			
162	110.0	78.8	118.2	
160	48.1	35.4	53.0	





#41

2,4,6-Tribromophenol

Concen: 137.945 ng

RT: 16.78 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BG032660.D

Acq: 13 Feb 2018 14:49

Instrument :

BNA_G

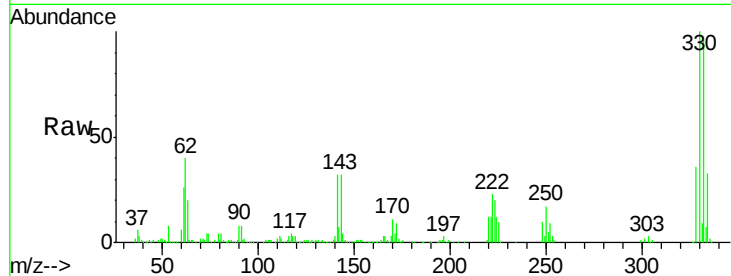
ClientSampled :

CO-M

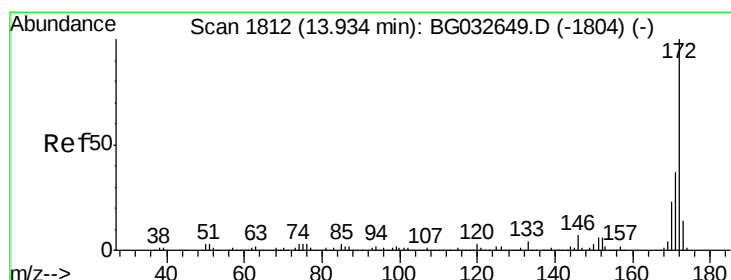
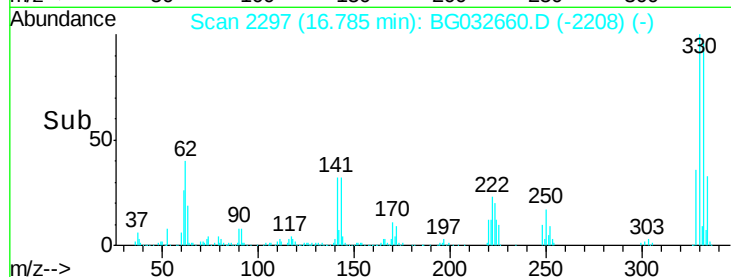
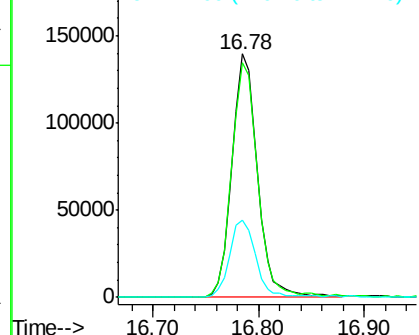
Tot Ion:	330	Resp:	232718
Ion Ratio	Lower	Upper	
330	100		
332	98.8	77.0	115.6
141	32.4	25.2	37.8

Manual Integrations
APPROVED

Sohil
2/14/2018 10:31:08 AM



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: 93.676 ng

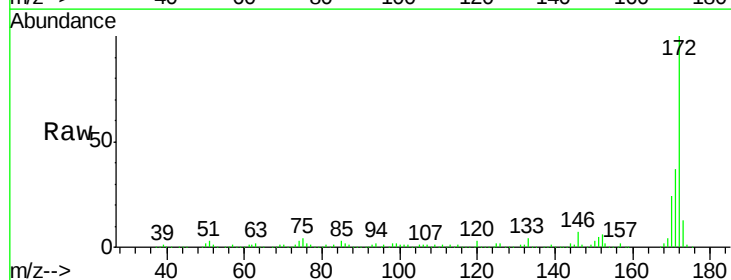
RT: 13.94 min Scan# 1812

Delta R.T. 0.00 min

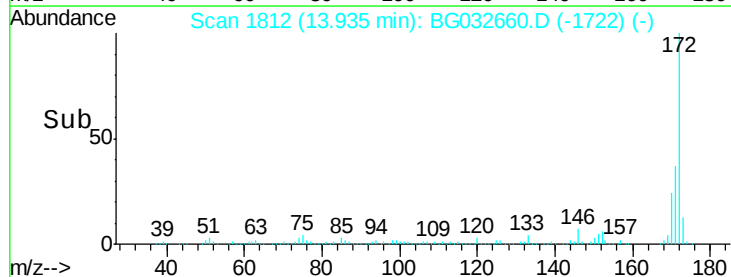
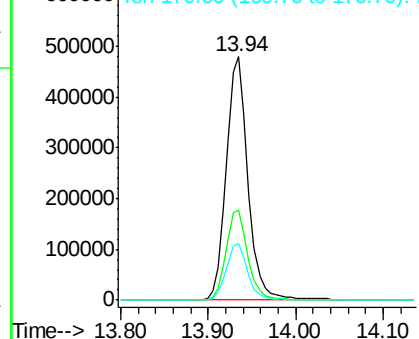
Lab File: BG032660.D

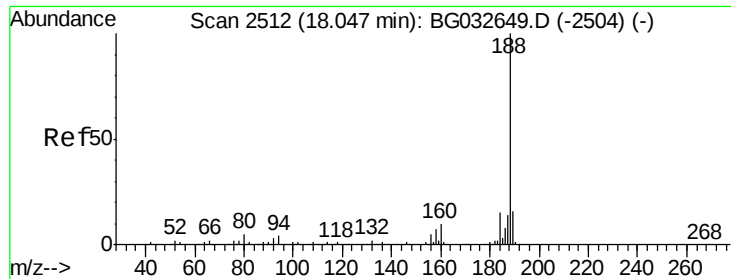
Acq: 13 Feb 2018 14:49

Tgt Ion:	172	Resp:	820731
Ion Ratio	Lower	Upper	
172	100		
171	36.9	30.0	45.0
170	23.5	19.5	29.3



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





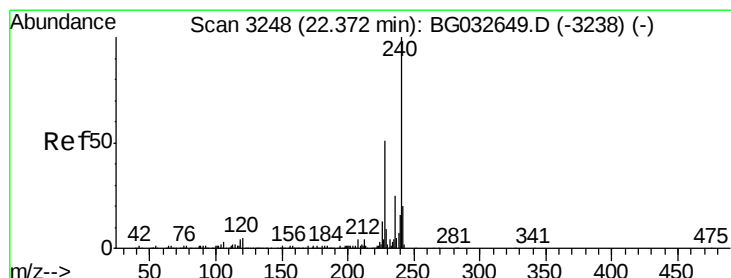
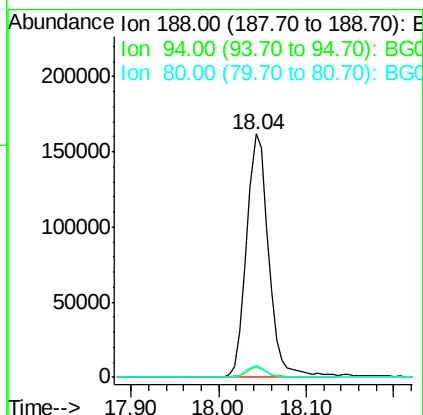
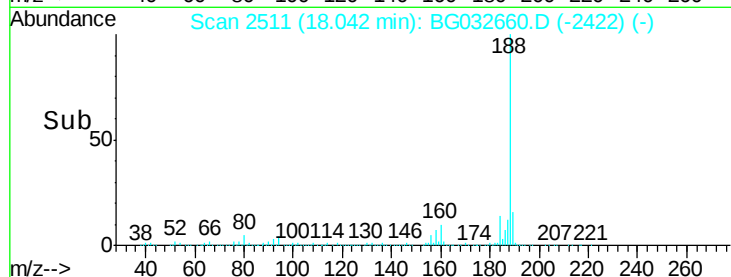
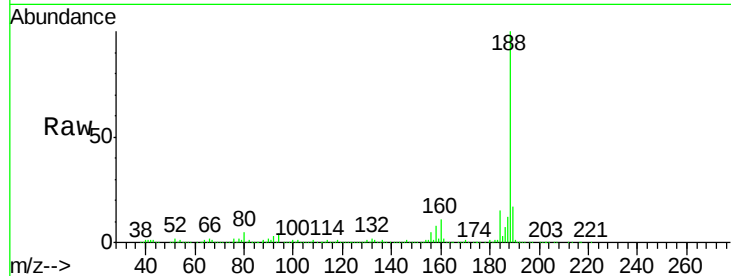
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.04 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BG032660.D
Acq: 13 Feb 2018 14:49

Instrument :
BNA_G
ClientSampleId :
CO-M

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	4.4	6.9	10.3#
80	4.6	7.7	11.5#

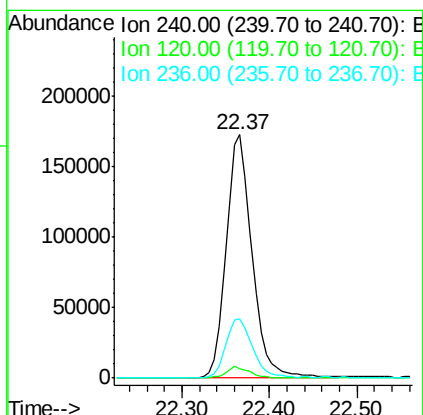
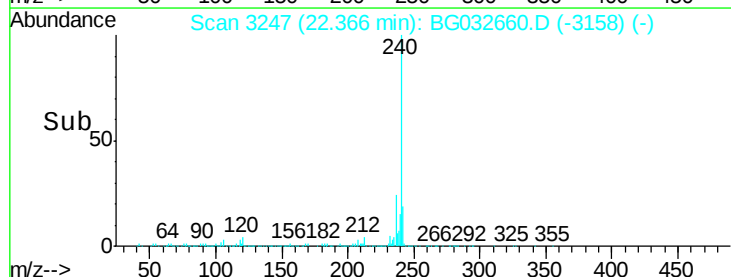
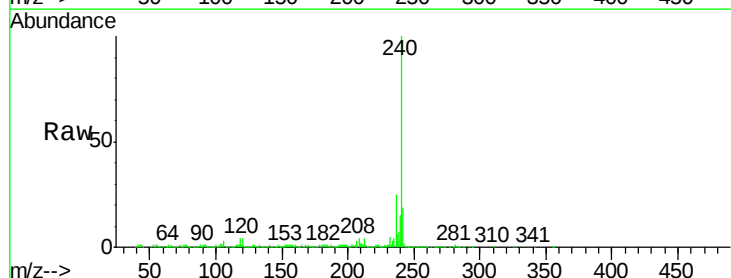
Manual Integrations
APPROVED

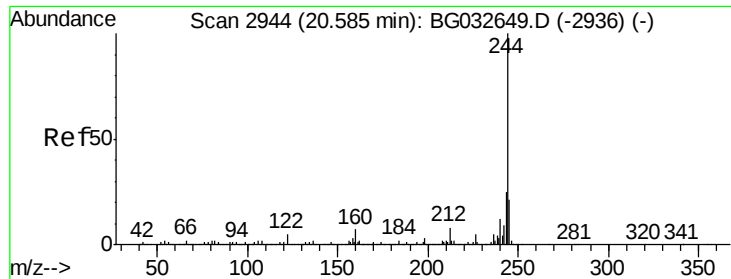
Sohil
2/14/2018 10:31:08 AM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.37 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG032660.D
Acq: 13 Feb 2018 14:49

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	3.7	6.8	10.2#
236	24.5	20.9	31.3





#78

Terphenyl-d14

Concen: 87.996 ng

RT: 20.59 min Scan# 2944

Delta R.T. 0.00 min

Lab File: BG032660.D

Acq: 13 Feb 2018 14:49

Instrument :

BNA_G

ClientSampleId :

CO-M

Tot Ion:244 Resp: 1342314

Ion Ratio Lower Upper

244 100

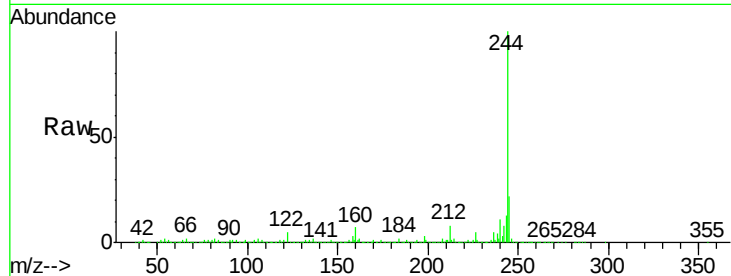
212 8.1 5.8 8.8

122 5.4 7.0 10.4#

Manual Integrations
APPROVED

Sohil

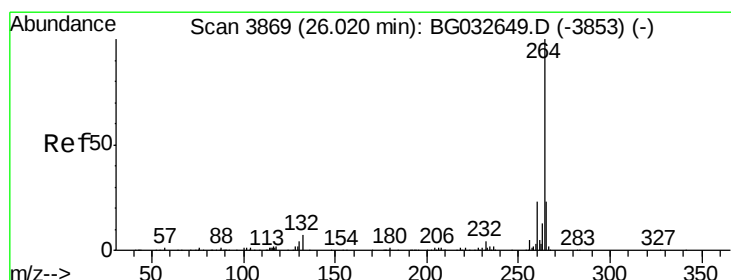
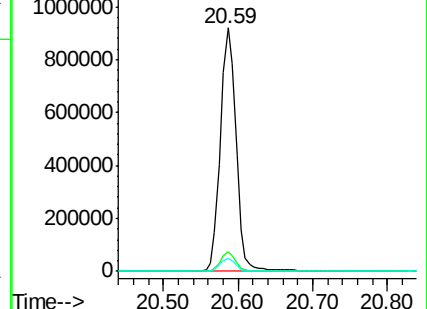
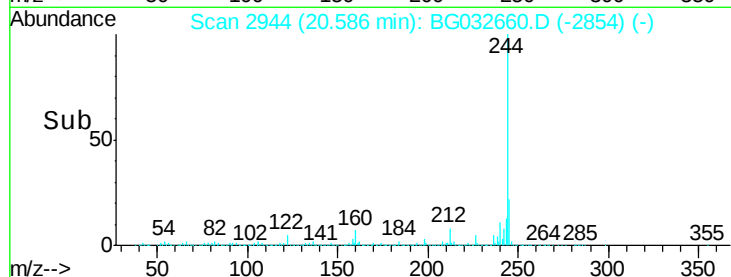
2/14/2018 10:31:08 AM



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

Perylene-d12

Concen: 20.000 ng

RT: 26.01 min Scan# 3867

Delta R.T. -0.01 min

Lab File: BG032660.D

Acq: 13 Feb 2018 14:49

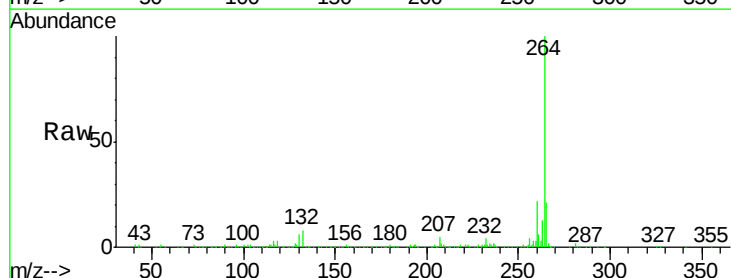
Tgt Ion:264 Resp: 367368

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 21.0 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

