

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
 Data File : BG028856.D
 Acq On : 21 Sep 2017 13:42
 Operator : SJ/JU
 Sample : I5312-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-091917

Manual Integrations
 APPROVED

Sohil
 9/22/2017 3:58:23 PM

Quant Time: Sep 21 14:49:00 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 21 12:57:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	36959	20.00	ng	0.00
21) Naphthalene-d8	11.11	136	145374	20.00	ng	0.00
38) Acenaphthene-d10	14.90	164	102256	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	282283	20.00	ng	0.00
75) Chrysene-d12	21.98	240	304158	20.00	ng	0.00
86) Perylene-d12	25.45	264	297406	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	290826	129.84	ng	0.00
7) Phenol-d6	7.44	99	339701	100.73	ng	0.00
23) Nitrobenzene-d5	9.46	82	289589	95.29	ng	0.00
41) 2,4,6-Tribromophenol	16.40	330	232063	137.21	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	737872	96.22	ng	0.00
78) Terphenyl-d14	20.25	244	1367699	95.89	ng	0.00
Target Compounds						
13) 1,4-Dichlorobenzene	8.32	146	74806	27.057	ng	98
14) 1,2-Dichlorobenzene	8.65	146	36555	13.383	ng	98

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

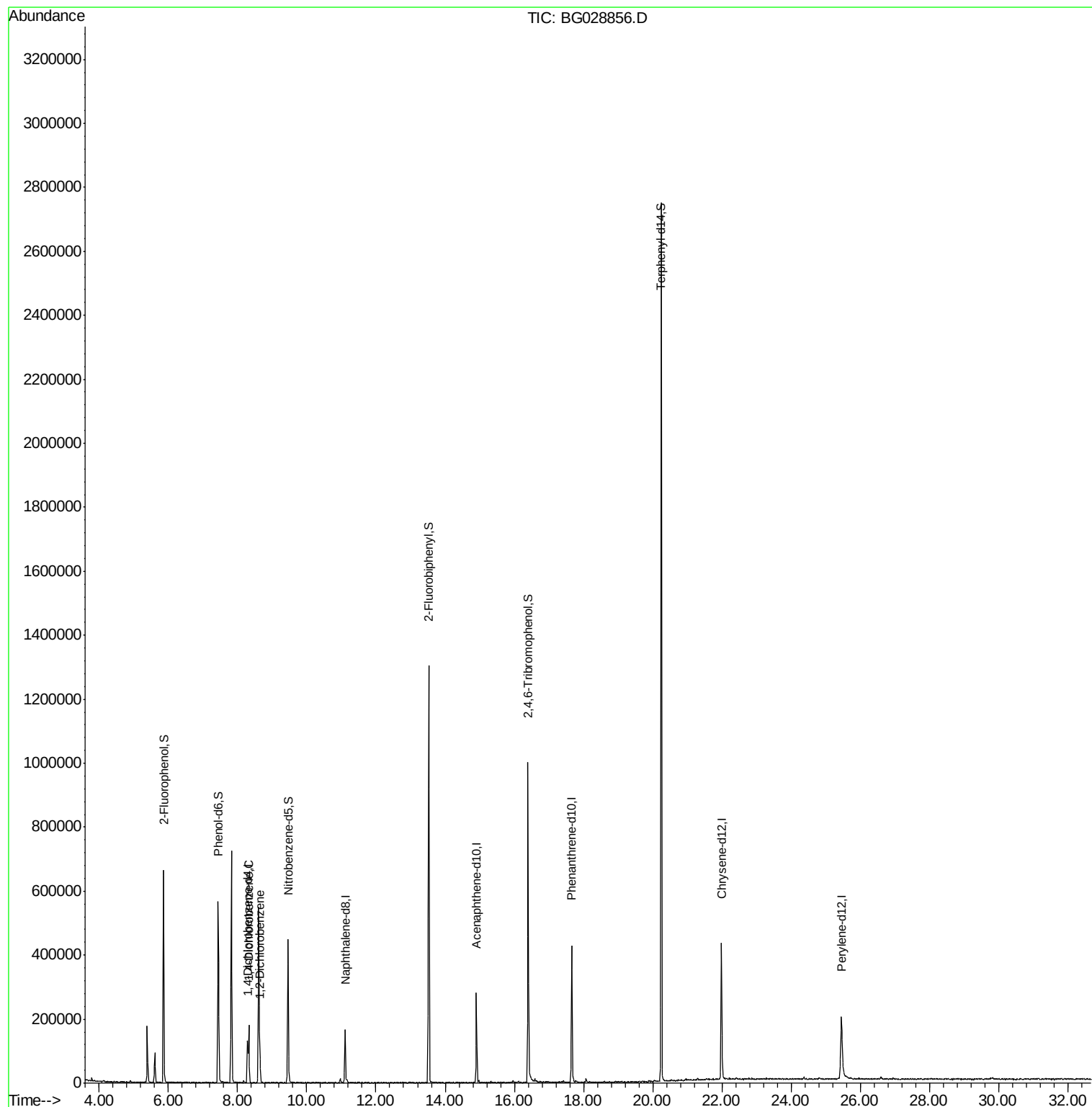
Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
Data File : BG028856.D
Acq On : 21 Sep 2017 13:42
Operator : SJ/JU
Sample : I5312-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

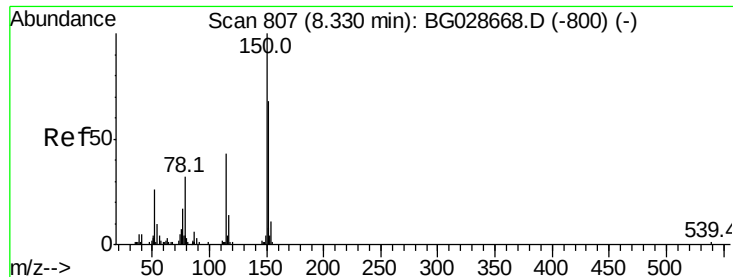
Instrument :
BNA_G
ClientSampleId :
OR-01-091917

Manual Integrations
APPROVED

Sohil
9/22/2017 3:58:23 PM

Quant Time: Sep 21 14:49:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 21 12:57:55 2017
Response via : Initial Calibration





#1

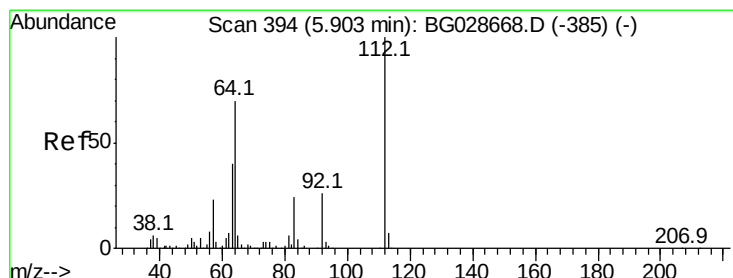
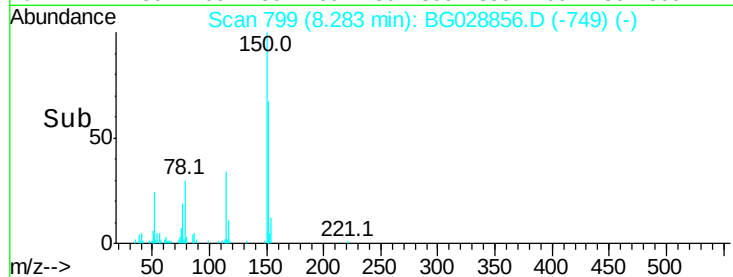
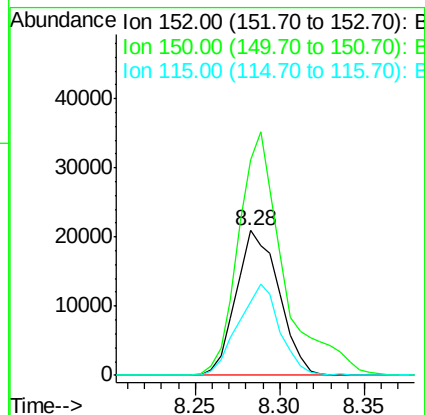
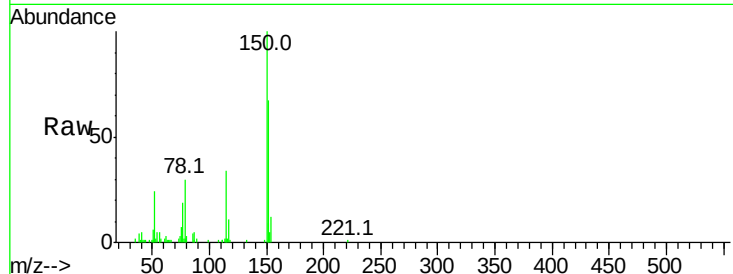
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG028856.D
Acq: 21 Sep 2017 13:42

Instrument :
BNA_G
ClientSampleId :
OR-01-091917

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.4	114.0	171.0
115	50.7	48.1	72.1

Manual Integrations
APPROVED

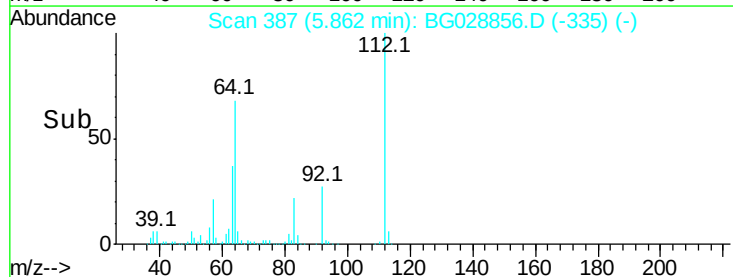
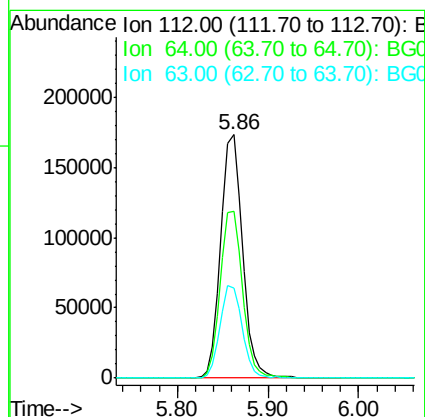
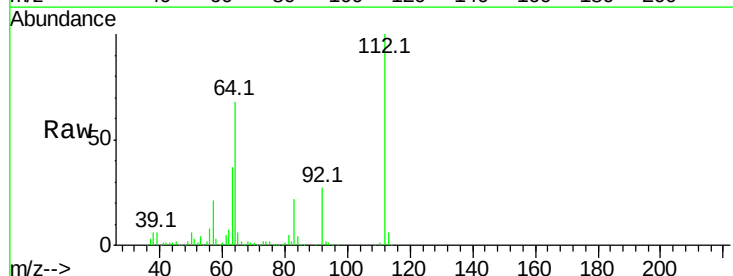
Sohil
9/22/2017 3:58:23 PM

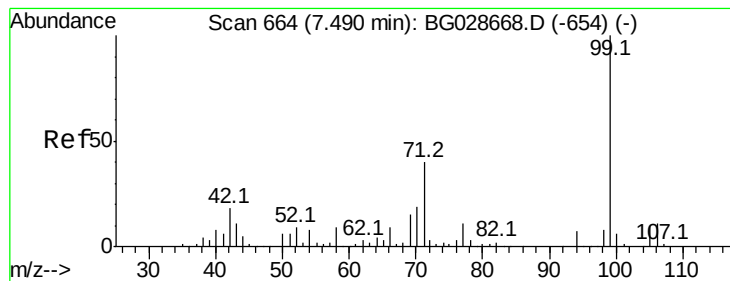


#5

2-Fluorophenol
Concen: 129.840 ng
RT: 5.86 min Scan# 387
Delta R.T. 0.01 min
Lab File: BG028856.D
Acq: 21 Sep 2017 13:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	61.8	92.6
63	36.7	37.2	55.8#





#7

Phenol-d6

Concen: 100.730 ng

RT: 7.44 min Scan# 656

Delta R.T. 0.00 min

Lab File: BG028856.D

Acq: 21 Sep 2017 13:42

Instrument :

BNA_G

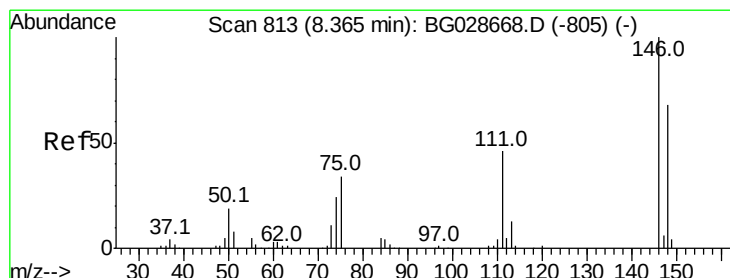
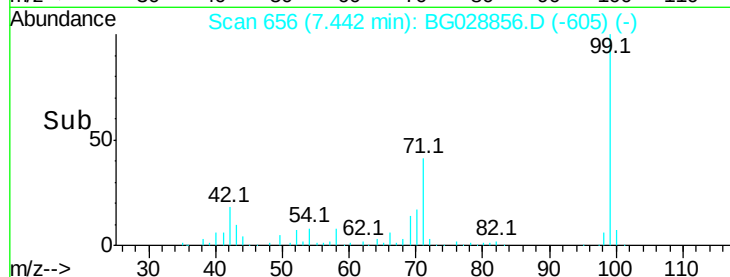
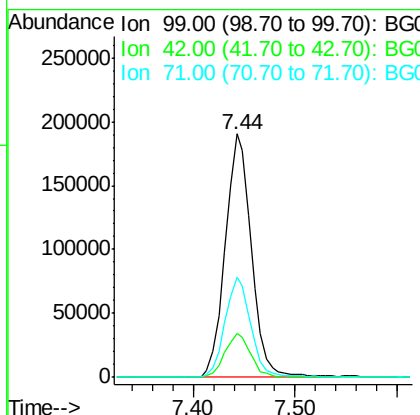
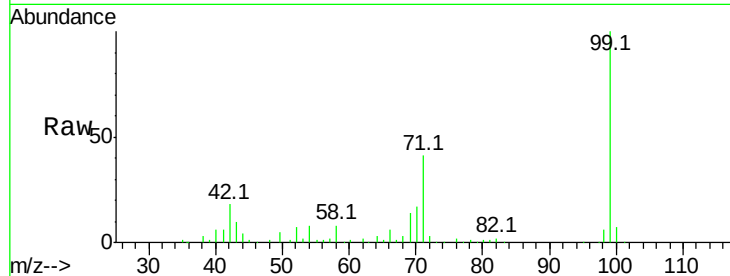
ClientSampled :

OR-01-091917

Tot Ion:	99	Resp:	339701
Ion Ratio	Lower	Upper	
99	100		
42	17.9	20.5	30.7#
71	41.2	37.6	56.4

Manual Integrations
APPROVED

Sohil
9/22/2017 3:58:23 PM



#13

1,4-Dichlorobenzene

Concen: 27.057 ng

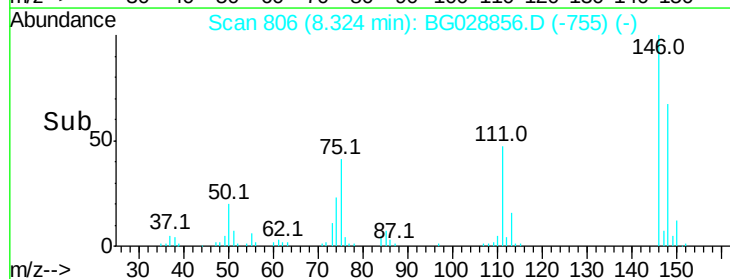
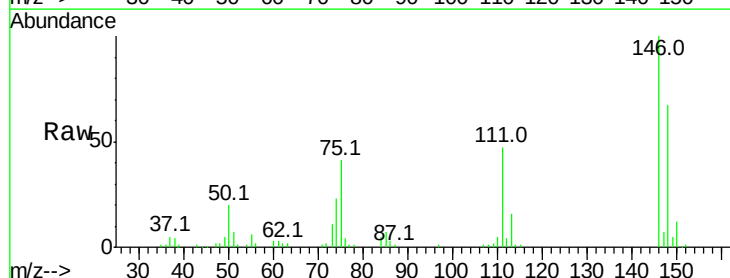
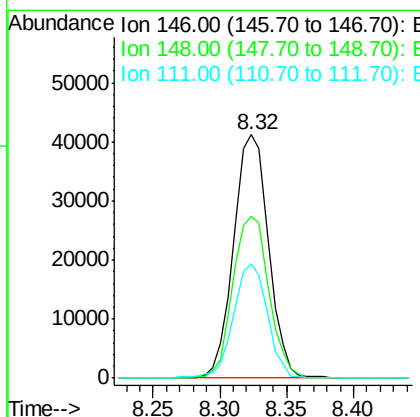
RT: 8.32 min Scan# 806

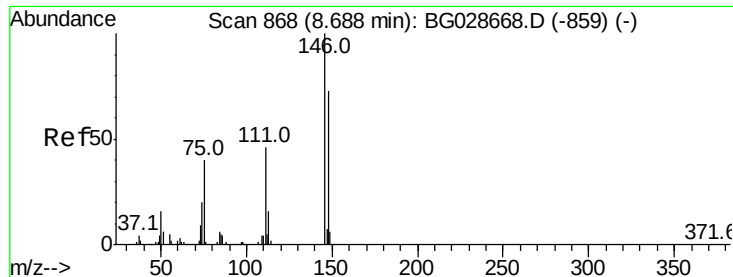
Delta R.T. 0.00 min

Lab File: BG028856.D

Acq: 21 Sep 2017 13:42

Tgt Ion:	146	Resp:	74806
Ion Ratio	Lower	Upper	
146	100		
148	66.6	52.2	78.2
111	47.2	37.0	55.6





#14

1,2-Dichlorobenzene

Concen: 13.383 ng

RT: 8.65 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG028856.D

Acq: 21 Sep 2017 13:42

Instrument :

BNA_G

ClientSampled :

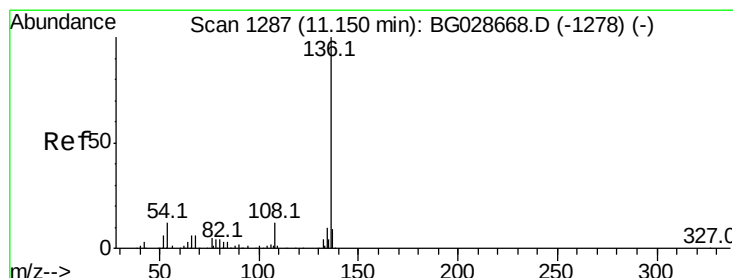
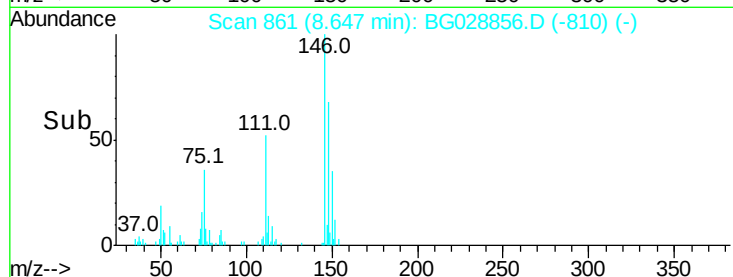
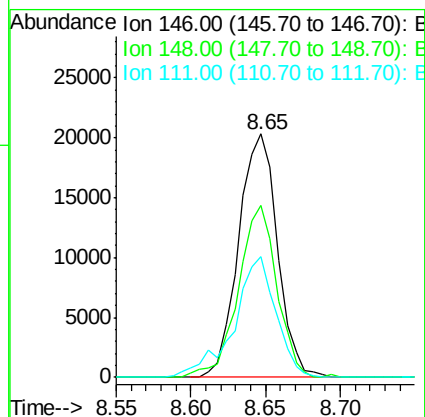
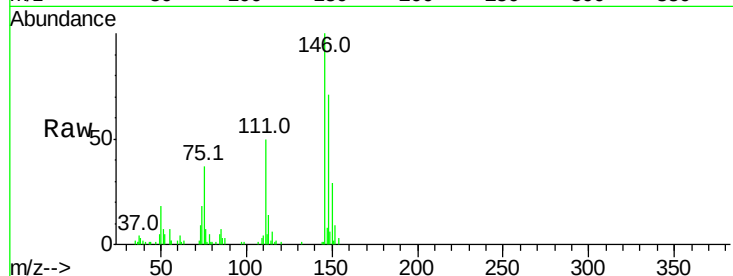
OR-01-091917

Tot Ion:	146	Resp:	36555
Ion Ratio	Lower	Upper	
146	100		
148	70.7	54.6	81.8
111	49.7	39.7	59.5

Manual Integrations
APPROVED

Sohil

9/22/2017 3:58:23 PM



#21

Naphthalene-d8

Concen: 20.000 ng

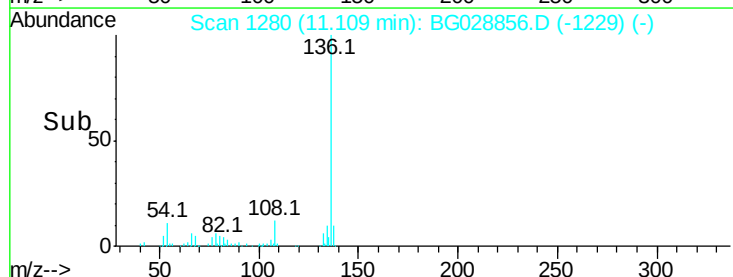
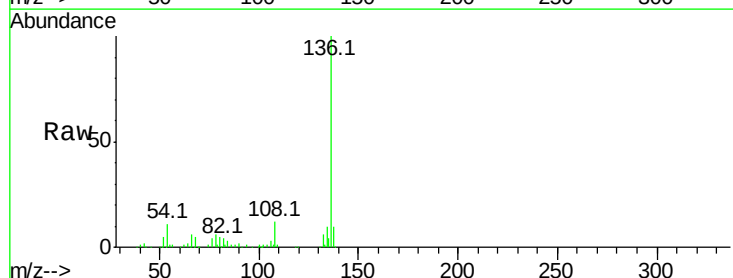
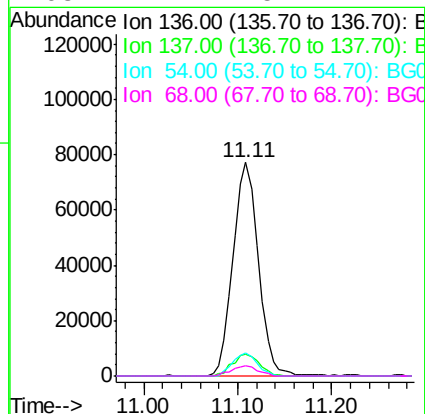
RT: 11.11 min Scan# 1280

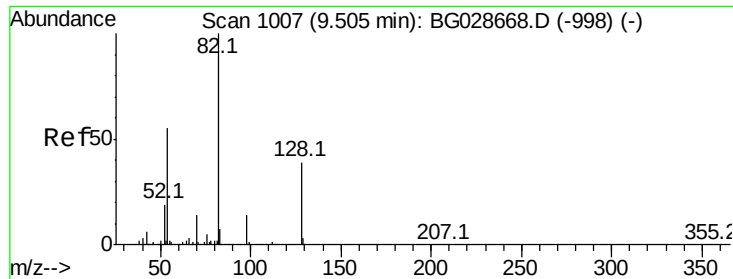
Delta R.T. 0.00 min

Lab File: BG028856.D

Acq: 21 Sep 2017 13:42

Tgt Ion:	136	Resp:	145374
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.9	13.3
54	11.1	9.3	13.9
68	4.7	5.1	7.7#





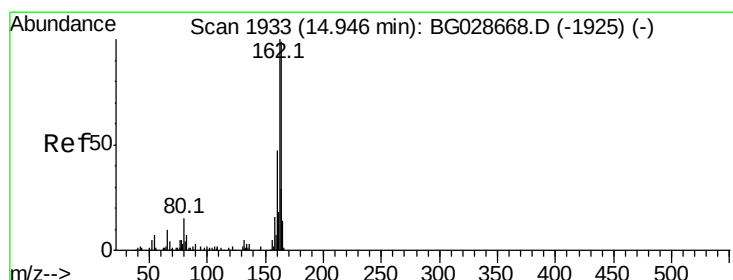
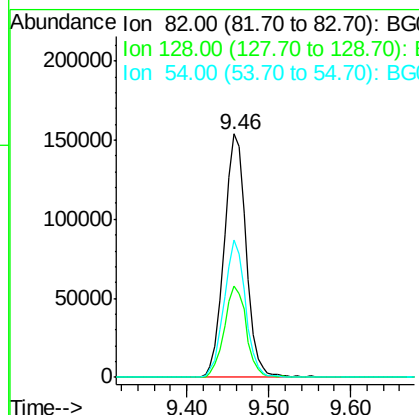
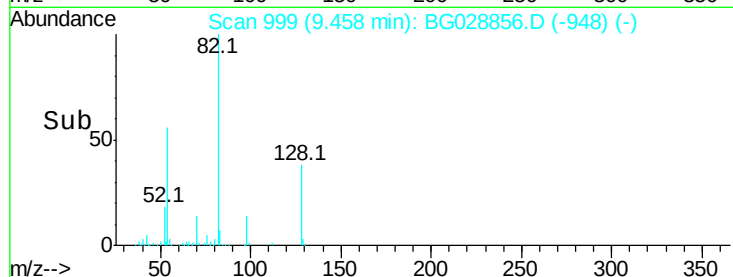
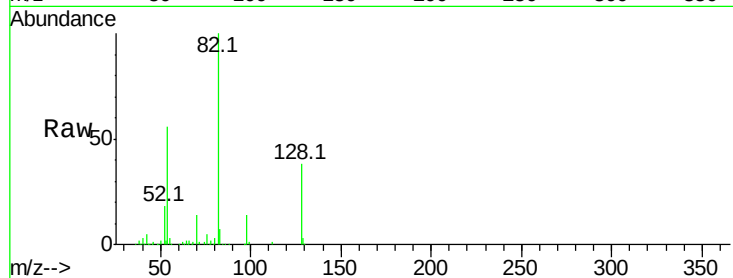
#23
 Nitrobenzene-d5
 Concen: 95.293 ng
 RT: 9.46 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BG028856.D
 Acq: 21 Sep 2017 13:42

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-091917

Tot Ion	Ratio	Resp	Lower	Upper
82	100	289589		
128	37.7	26.4	39.6	
54	56.3	49.4	74.2	

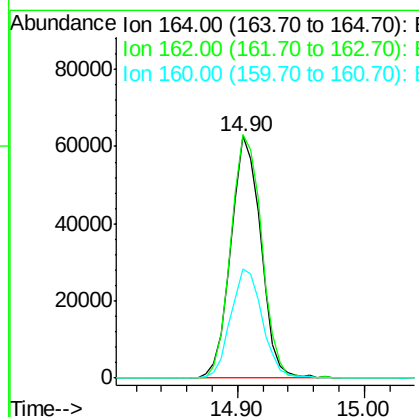
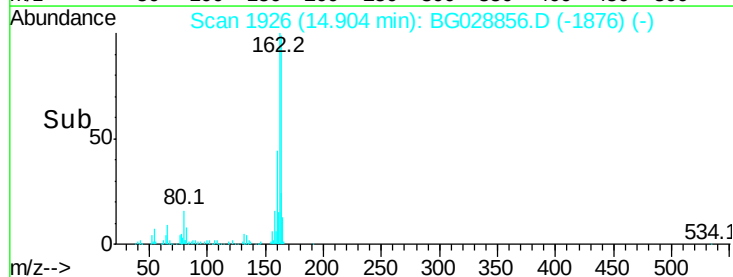
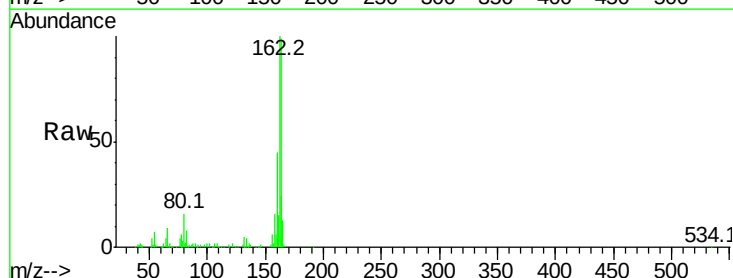
Manual Integrations
 APPROVED

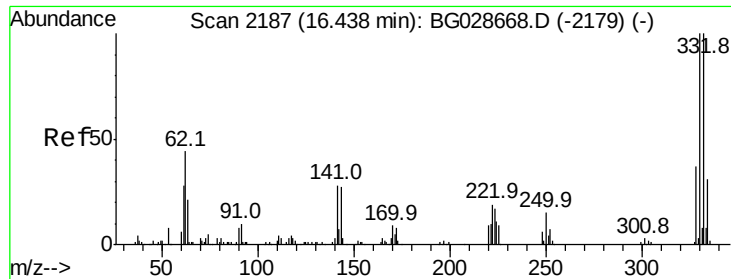
Sohil
 9/22/2017 3:58:23 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.90 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BG028856.D
 Acq: 21 Sep 2017 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	102256		
162	100.6	85.1	127.7	
160	45.1	34.7	52.1	





#41

2,4,6-Tribromophenol

Concen: 137.214 ng

RT: 16.40 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG028856.D

Acq: 21 Sep 2017 13:42

Instrument :

BNA_G

ClientSampleId :

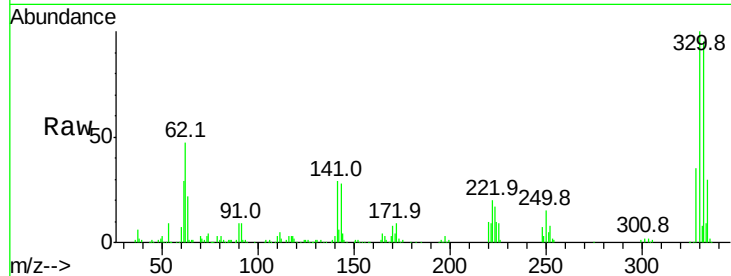
OR-01-091917

Tot Ion:	330	Resp:	232063
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.3	115.9
141	28.2	32.1	48.1#

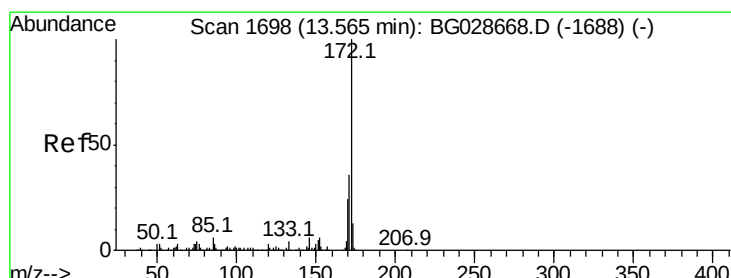
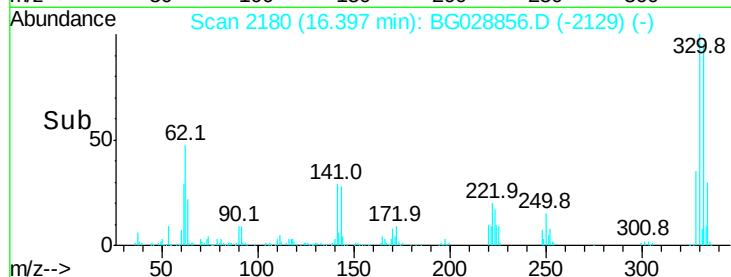
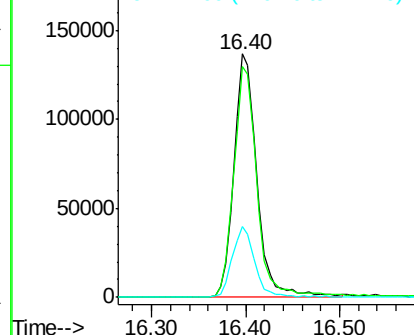
Manual Integrations
APPROVED

Sohil

9/22/2017 3:58:23 PM



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: 96.219 ng

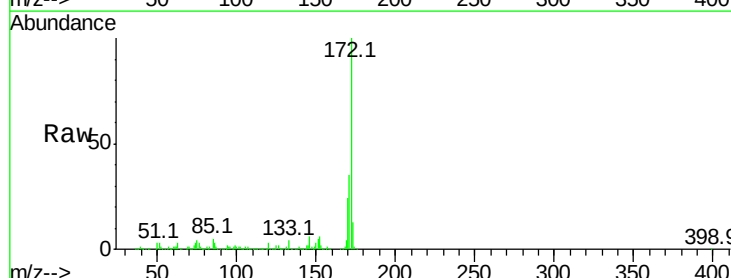
RT: 13.53 min Scan# 1692

Delta R.T. 0.00 min

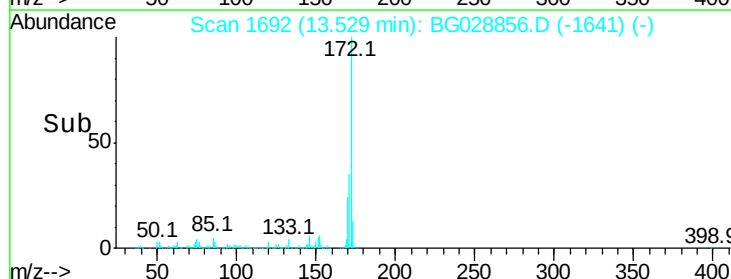
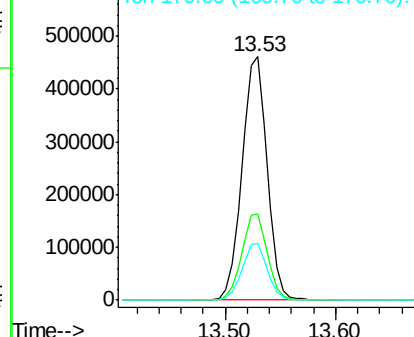
Lab File: BG028856.D

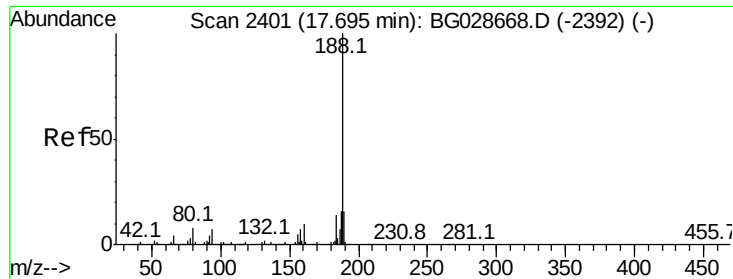
Acq: 21 Sep 2017 13:42

Tgt Ion:	172	Resp:	737872
Ion Ratio	Lower	Upper	
172	100		
171	35.2	32.2	48.2
170	23.5	21.8	32.6



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: 17.66 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BG028856.D

Acq: 21 Sep 2017 13:42

Instrument :

BNA_G

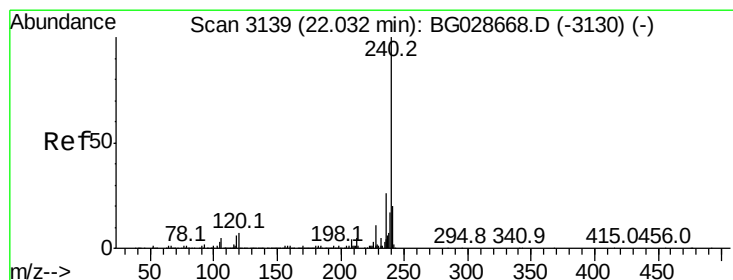
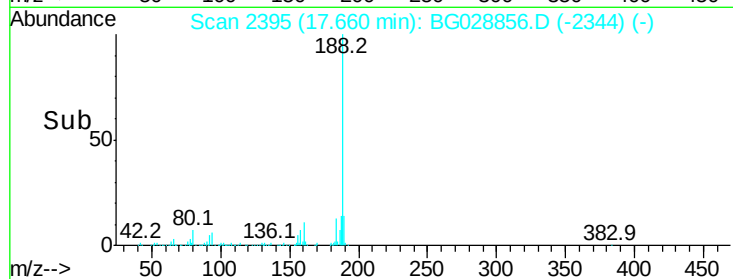
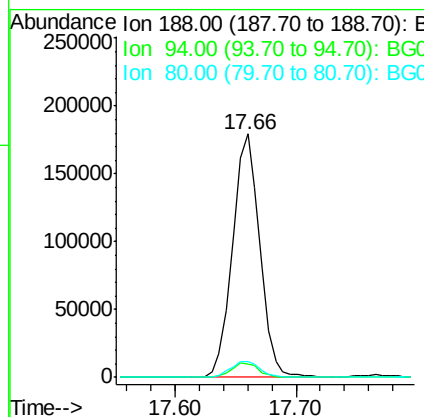
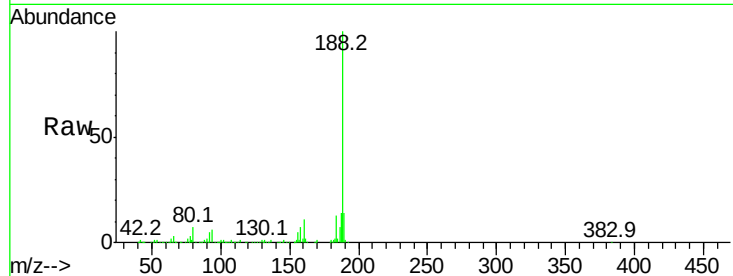
ClientSampleId :

OR-01-091917

Tot Ion:	188	Resp:	282283
Ion Ratio	Lower	Upper	
188	100		
94	5.7	5.8	8.8#
80	6.6	7.5	11.3#

Manual Integrations
APPROVED

Sohil
9/22/2017 3:58:23 PM



#75

Chrysene-d12

Concen: 20.000 ng

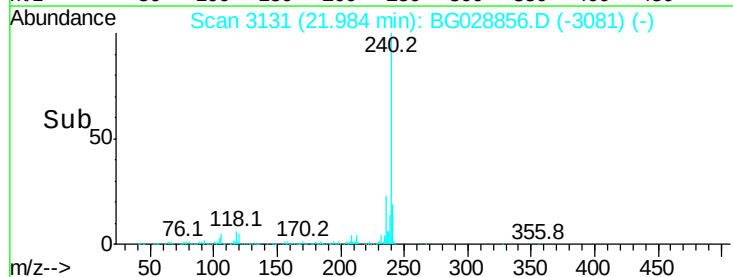
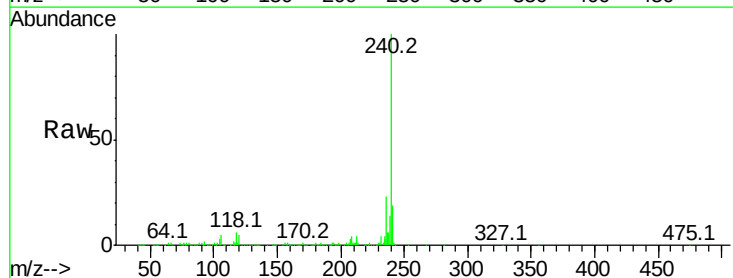
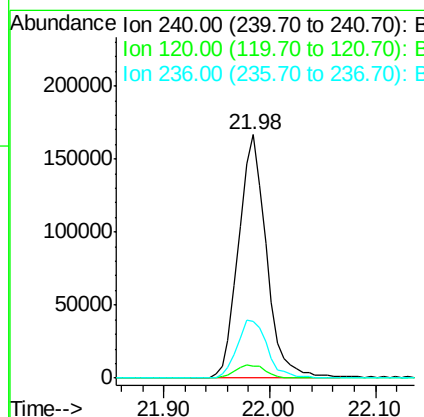
RT: 21.98 min Scan# 3131

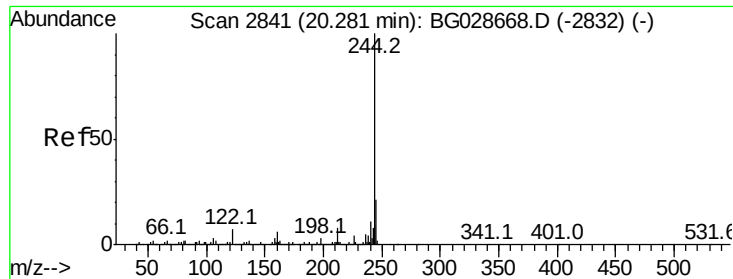
Delta R.T. -0.01 min

Lab File: BG028856.D

Acq: 21 Sep 2017 13:42

Tgt Ion:	240	Resp:	304158
Ion Ratio	Lower	Upper	
240	100		
120	4.8	5.7	8.5#
236	23.3	22.2	33.4





#78

Terphenyl-d14

Concen: 95.895 ng

RT: 20.25 min Scan# 2835

Delta R.T. 0.00 min

Lab File: BG028856.D

Acq: 21 Sep 2017 13:42

Instrument :

BNA_G

ClientSampled :

OR-01-091917

Tot Ion:244 Resp: 1367699

Ion Ratio Lower Upper

244 100

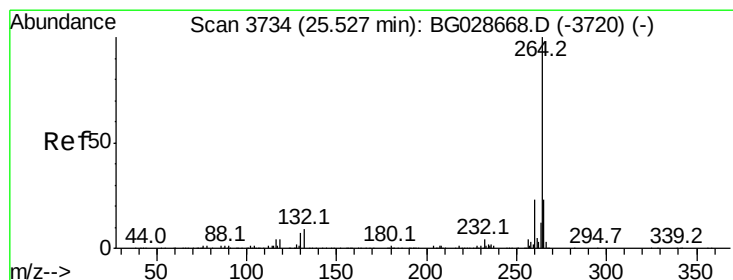
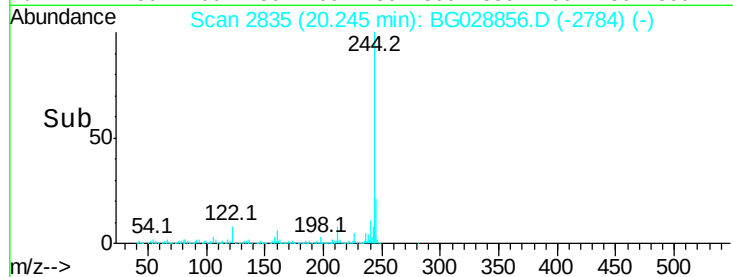
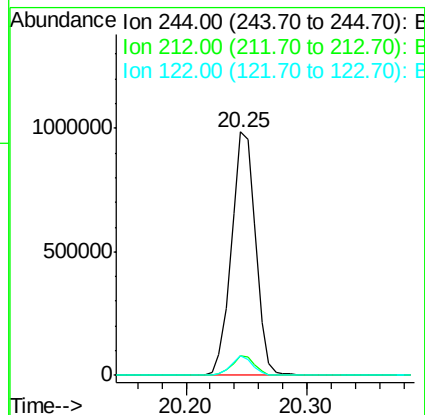
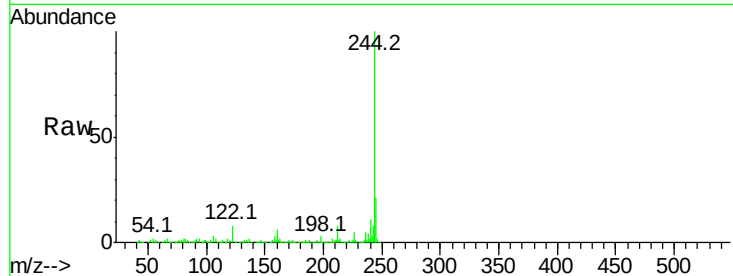
212 7.8 10.0 15.0#

122 7.9 8.6 12.8#

Manual Integrations
APPROVED

Sohil

9/22/2017 3:58:23 PM



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.45 min Scan# 3721

Delta R.T. -0.01 min

Lab File: BG028856.D

Acq: 21 Sep 2017 13:42

Tgt Ion:264 Resp: 297406

Ion Ratio Lower Upper

264 100

260 21.2 21.8 32.8#

265 22.5 18.2 27.4

