

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
 Data File : BG028895.D
 Acq On : 23 Sep 2017 12:59
 Operator : SJ/JU
 Sample : PB102530BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102530BL

Manual Integrations
 APPROVED

Sohil
 9/25/2017 6:28:54 PM

Quant Time: Sep 25 04:04:31 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	24253m	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	91555m	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	68236m	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	220627m	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	291613m	20.00	ng	-0.07
86) Perylene-d12	25.41	264	292863m	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	133617	90.91	ng	-0.05
7) Phenol-d6	7.44	99	185788m	83.95	ng	-0.05
23) Nitrobenzene-d5	9.45	82	174024m	90.93	ng	-0.05
41) 2,4,6-Tribromophenol	16.38	330	119588m	105.96	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	450994	88.13	ng	-0.05
78) Terphenyl-d14	20.23	244	1167719m	85.40	ng	-0.05

Target Compounds Qvalue

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

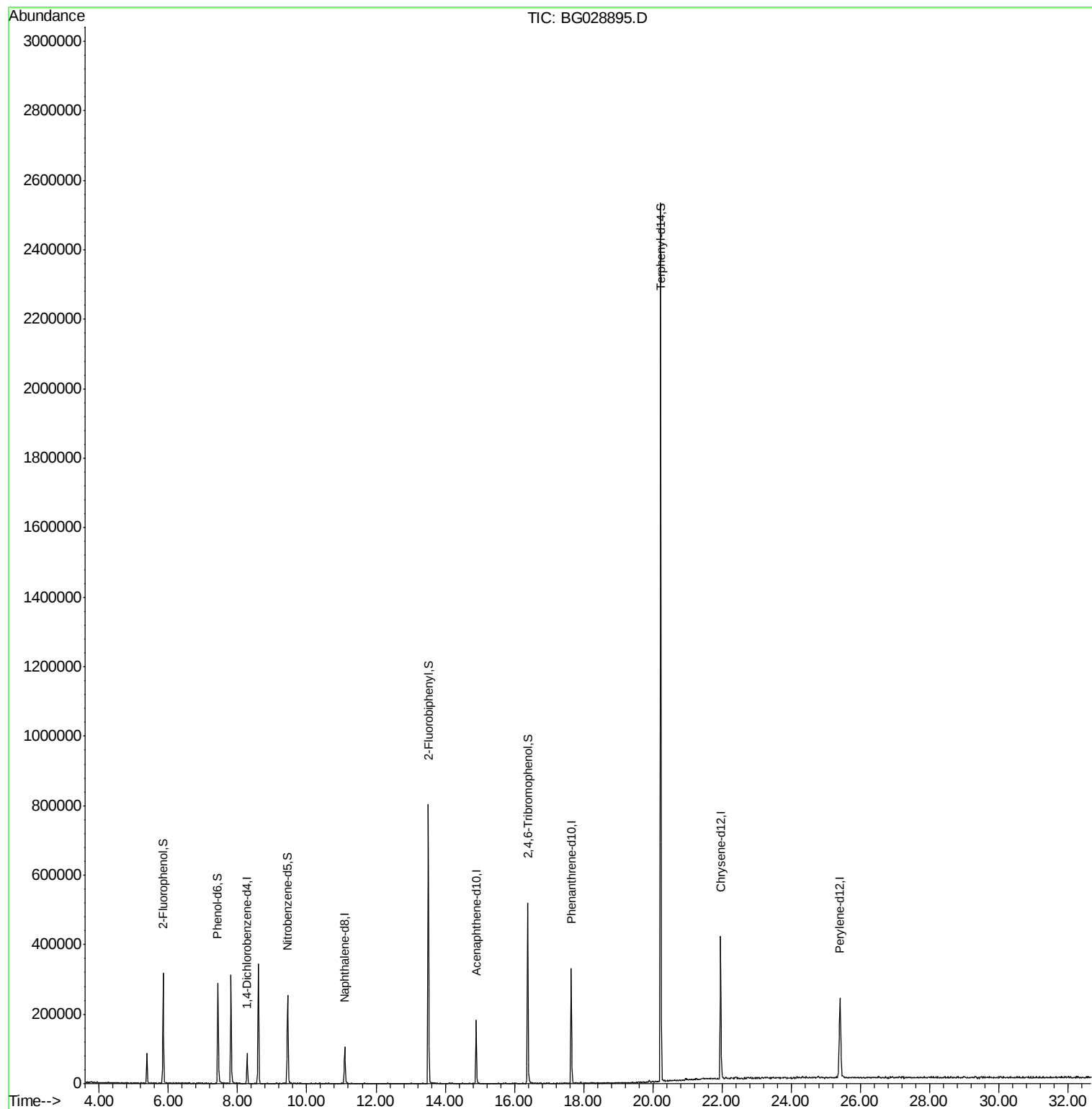
Data Path : Z:\HPCHEM1\BNA G\DATA\BG092317\
Data File : BG028895.D
Acq On : 23 Sep 2017 12:59
Operator : SJ/JU
Sample : PB102530BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB102530BL

Manual Integrations
APPROVED

Sohil
9/25/2017 6:28:54 PM

Quant Time: Sep 25 04:04:31 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration





#1

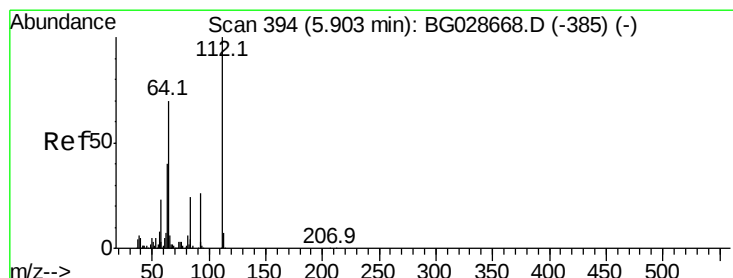
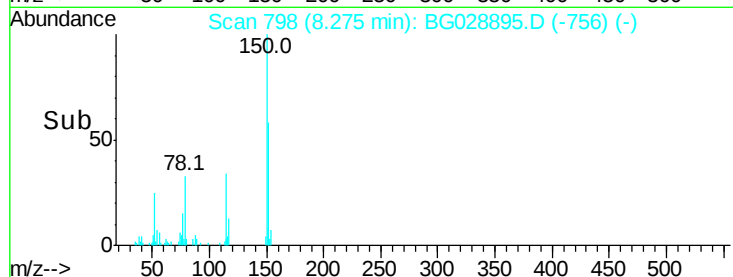
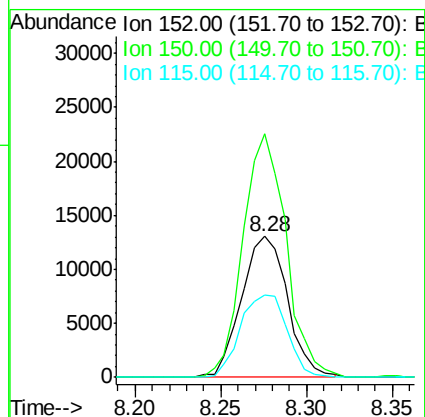
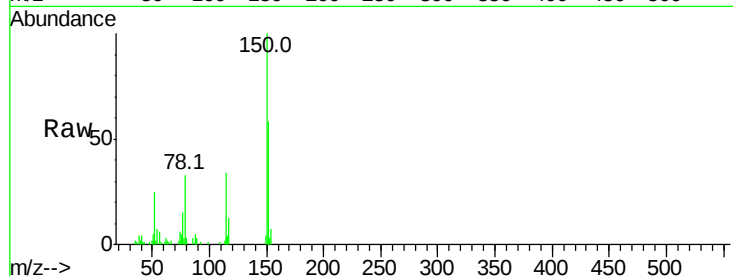
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028895.D
Acq: 23 Sep 2017 12:59

Instrument :
BNA_G
ClientSampleId :
PB102530BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	172.9	114.0	171.0#
115	58.2	48.1	72.1

Manual Integrations
APPROVED

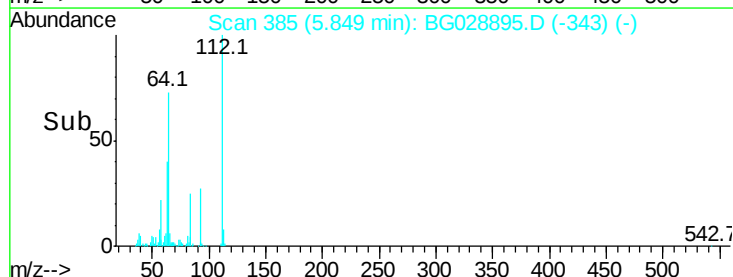
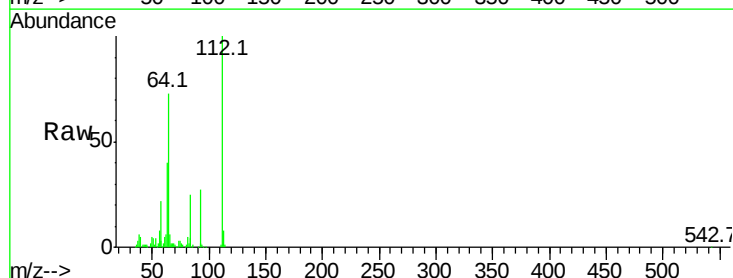
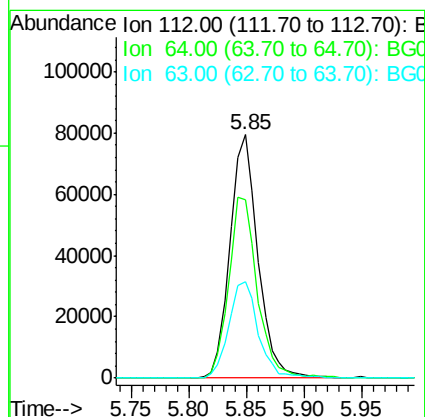
Sohil
9/25/2017 6:28:54 PM

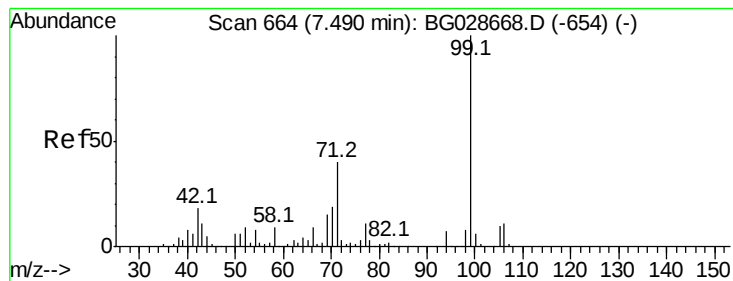


#5

2-Fluorophenol
Concen: 90.906 ng/ml
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028895.D
Acq: 23 Sep 2017 12:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.2	61.8	92.6
63	39.8	37.2	55.8





#7

Phenol-d6

Concen: 83.952 ng m

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

Instrument :

BNA_G

ClientSampleId :

PB102530BL

Tot Ion: 99 Resp: 185788

Ion Ratio Lower Upper

99 100

42 17.8 20.5 30.7#

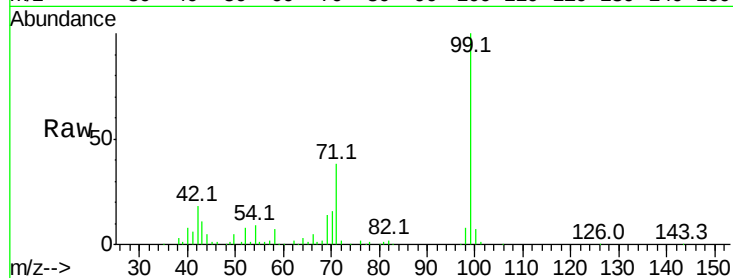
71 38.0 37.6 56.4

Manual Integrations

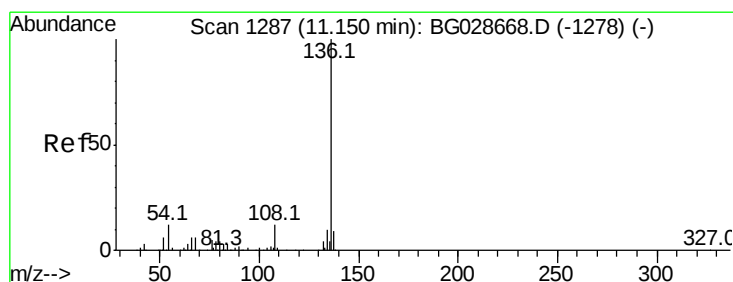
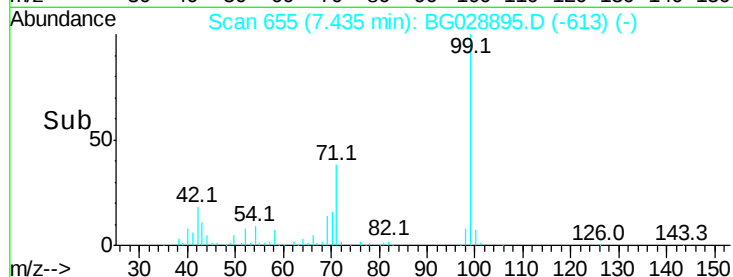
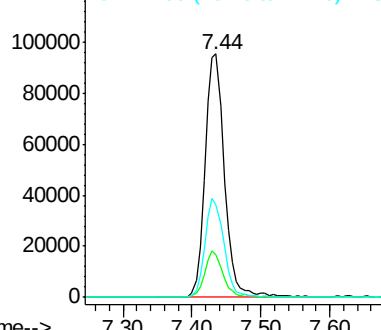
APPROVED

Sohil

9/25/2017 6:28:54 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 m

RT: 11.10 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

Tgt Ion: 136 Resp: 91555

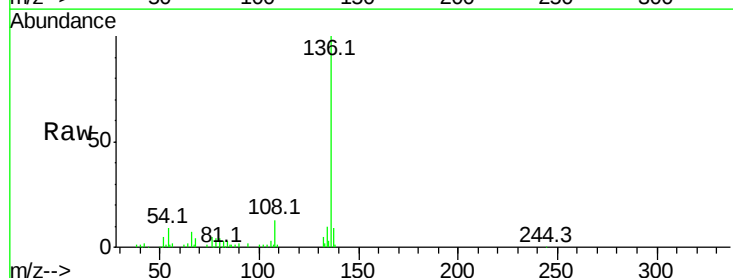
Ion Ratio Lower Upper

136 100

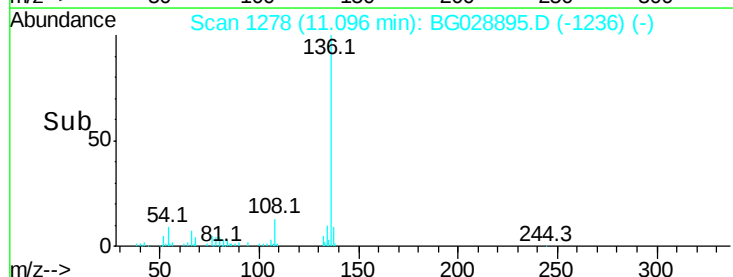
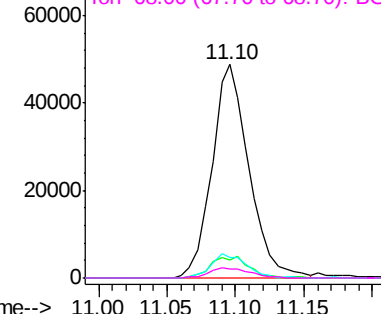
137 8.6 8.9 13.3#

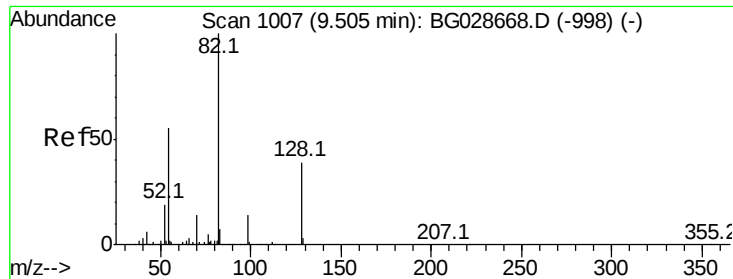
54 9.4 9.3 13.9

68 4.3 5.1 7.7#



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





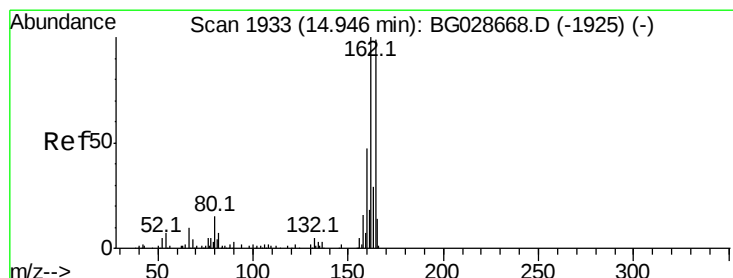
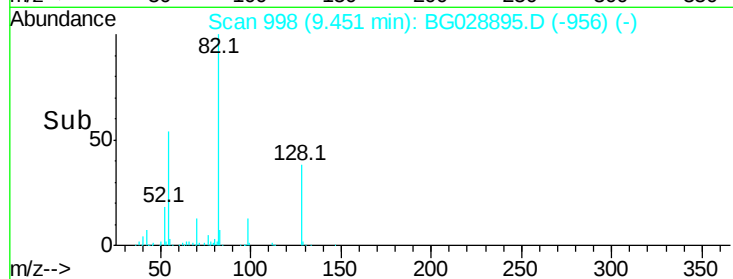
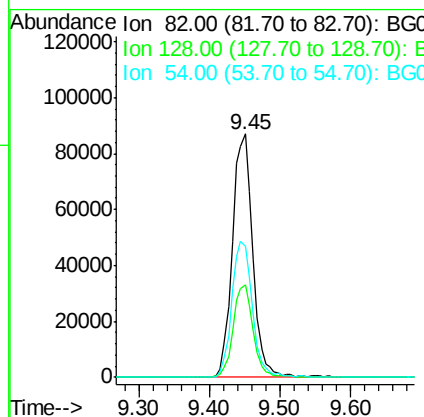
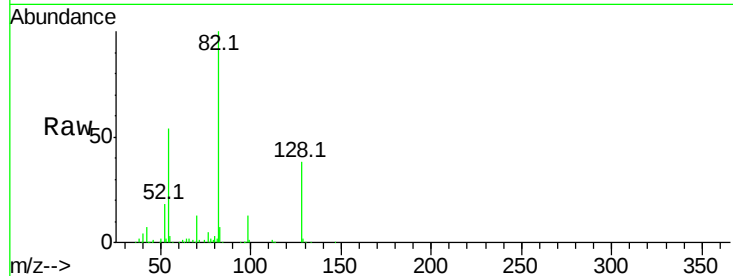
#23
Nitrobenzene-d5
Concen: 90.927 ng m
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028895.D
Acq: 23 Sep 2017 12:59

Instrument :
BNA_G
ClientSampleId :
PB102530BL

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.3	26.4	39.6	
54	54.0	49.4	74.2	

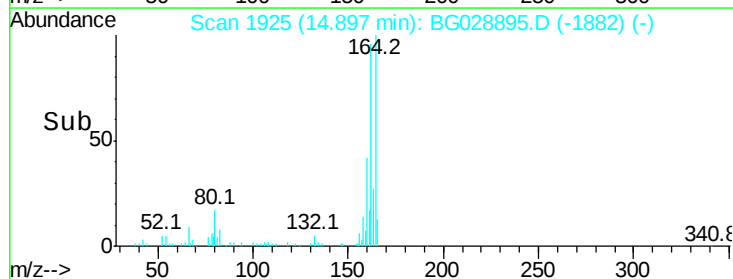
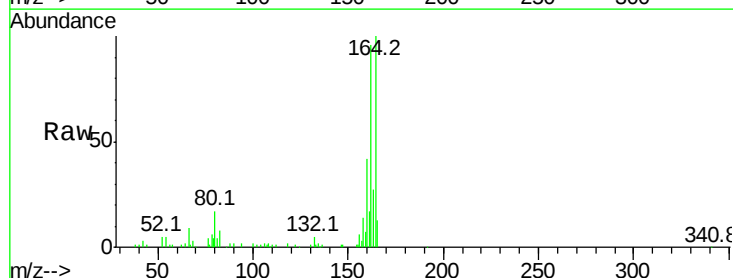
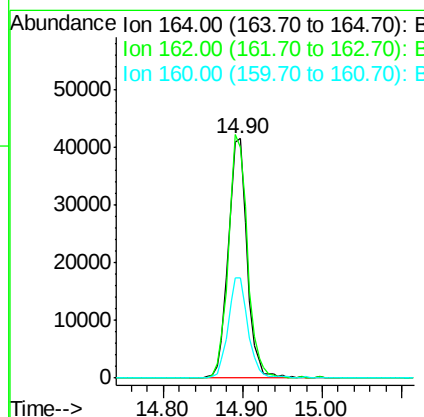
Manual Integrations
APPROVED

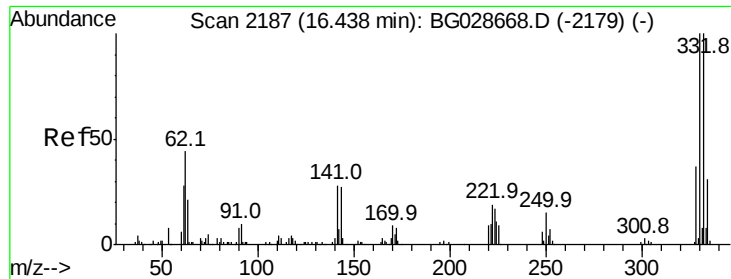
Sohil
9/25/2017 6:28:54 PM



#38
Acenaphthene-d10
Concen: 20.000 ng m
RT: 14.90 min Scan# 1925
Delta R.T. -0.05 min
Lab File: BG028895.D
Acq: 23 Sep 2017 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	96.5	85.1	127.7	
160	42.0	34.7	52.1	





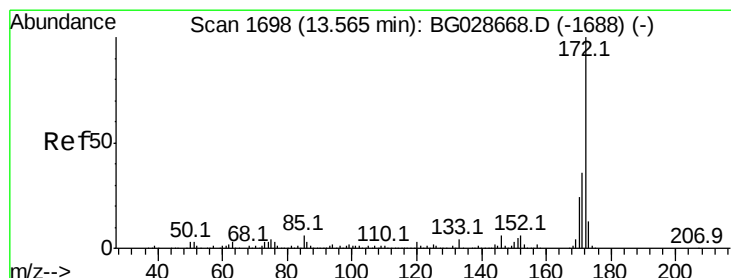
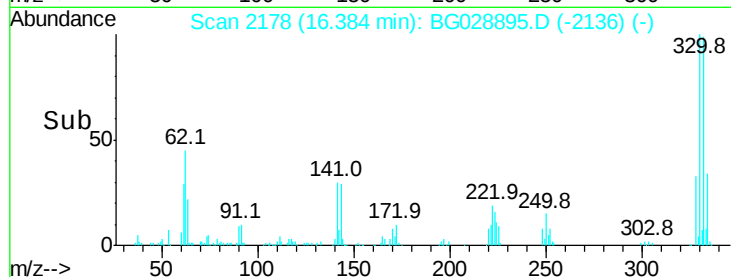
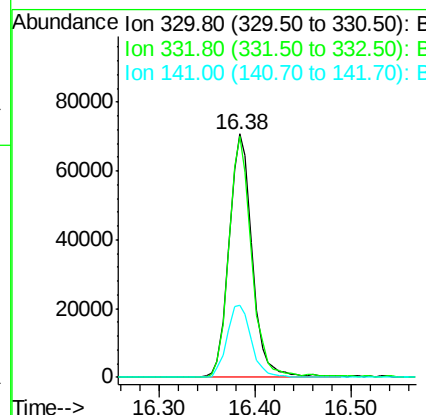
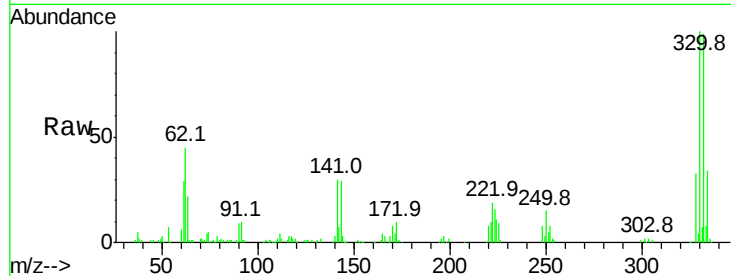
#41
 2,4,6-Tribromophenol
 Concen: 105.963 ng/ml
 RT: 16.38 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028895.D
 Acq: 23 Sep 2017 12:59

Instrument :
 BNA_G
 ClientSampleId :
 PB102530BL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	119588		
332	0.0	77.3	115.9#	
141	0.0	32.1	48.1#	

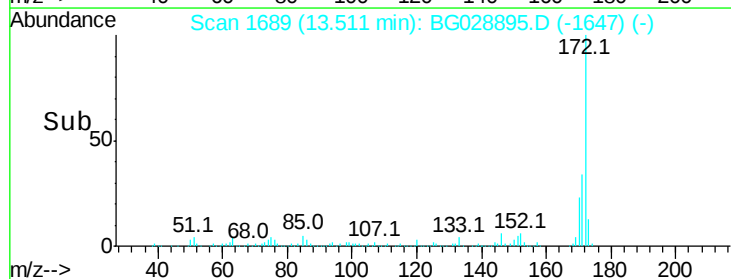
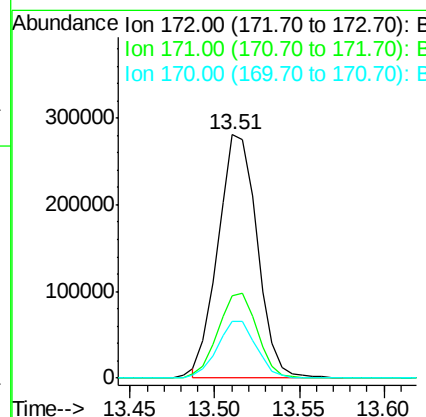
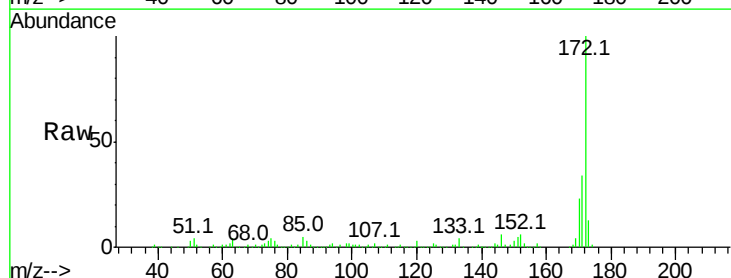
Manual Integrations
 APPROVED

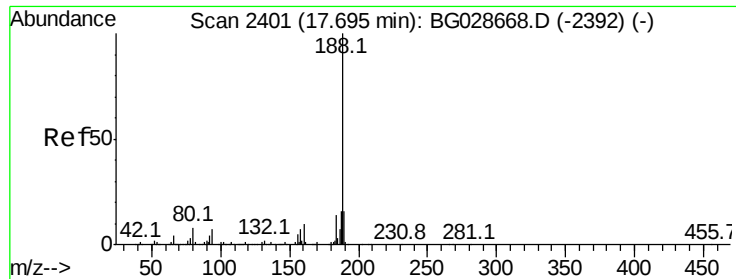
Sohil
 9/25/2017 6:28:54 PM



#44
 2-Fluorobiphenyl
 Concen: 88.130 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028895.D
 Acq: 23 Sep 2017 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	450994		
171	33.7	32.2	48.2	
170	23.3	21.8	32.6	





#63

Phenanthrene-d10

Concen: 20.000 ng m

RT: 17.64 min Scan# 2392

Delta R.T. -0.05 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

Instrument :

BNA_G

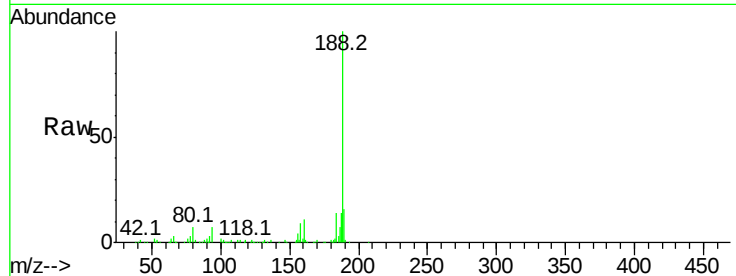
ClientSampleId :

PB102530BL

Tot Ion:	188	Resp:	220627
Ion Ratio	Lower	Upper	
188	100		
94	7.2	5.8	8.8
80	6.6	7.5	11.3#

Manual Integrations
APPROVED

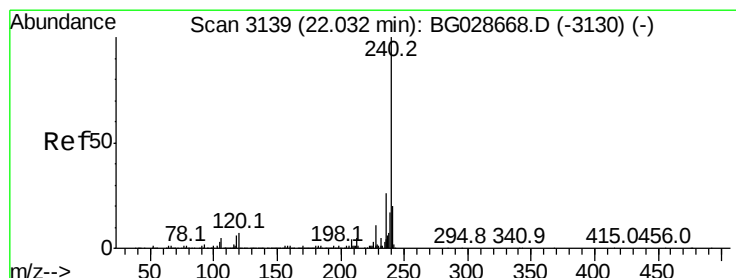
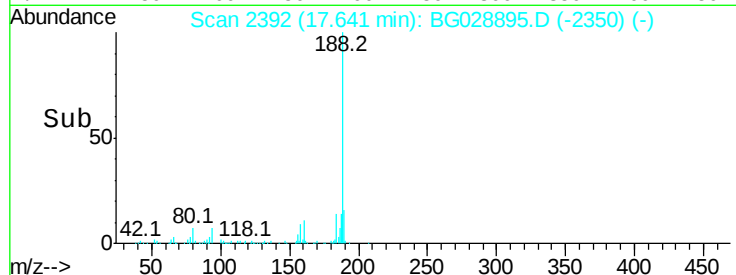
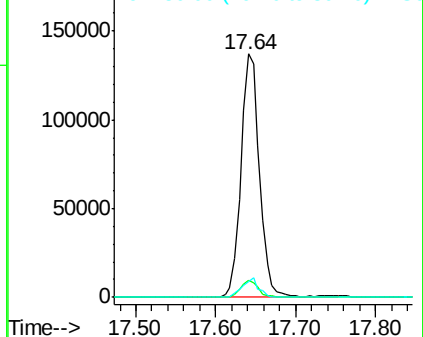
Sohil
9/25/2017 6:28:54 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng m

RT: 21.96 min Scan# 3127

Delta R.T. -0.07 min

Lab File: BG028895.D

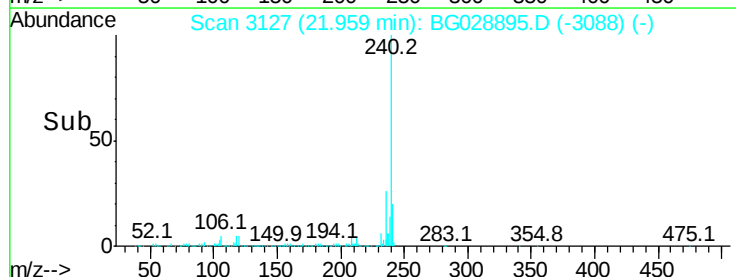
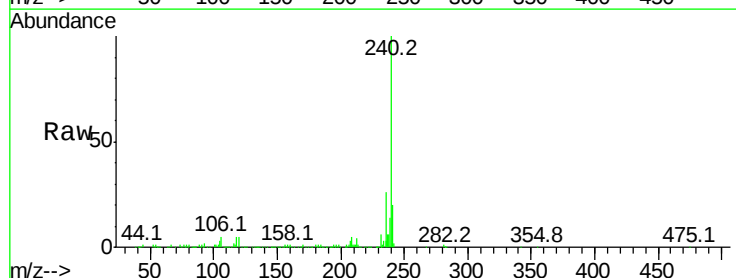
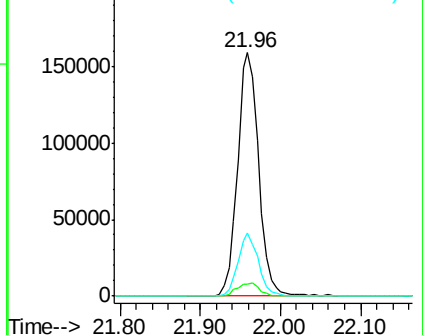
Acq: 23 Sep 2017 12:59

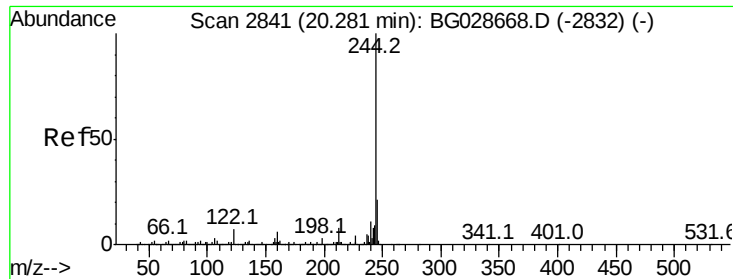
Tgt Ion:	240	Resp:	291613
Ion Ratio	Lower	Upper	
240	100		
120	5.0	5.7	8.5#
236	25.8	22.2	33.4

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





#78

Terphenyl-d14

Concen: 85.395 ng/mL

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

Instrument :

BNA_G

ClientSampleId :

PB102530BL

Tot Ion:244 Resp: 1167719

Ion Ratio Lower Upper

244 100

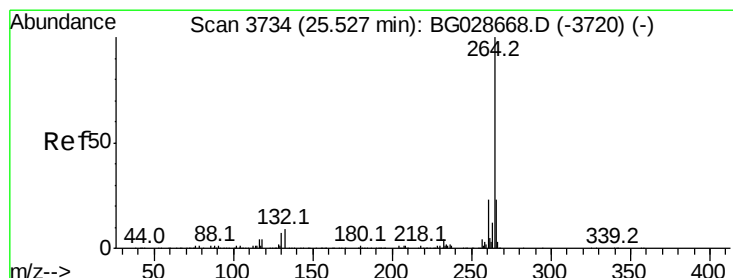
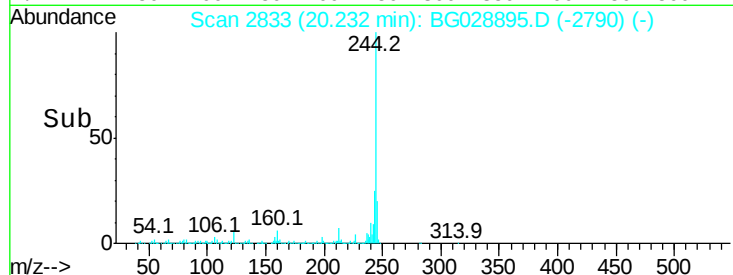
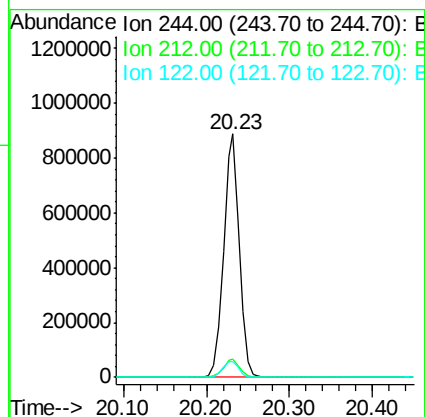
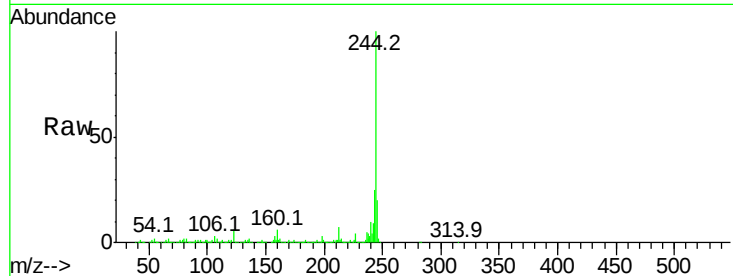
212 7.4 10.0 15.0#

122 6.4 8.6 12.8#

Manual Integrations
APPROVED

Sohil

9/25/2017 6:28:54 PM



#86

Perylene-d12

Concen: 20.000 ng/mL

RT: 25.41 min Scan# 3714

Delta R.T. -0.12 min

Lab File: BG028895.D

Acq: 23 Sep 2017 12:59

Tgt Ion:264 Resp: 292863

Ion Ratio Lower Upper

264 100

260 23.3 21.8 32.8

265 20.4 18.2 27.4

