

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033557.D
 Acq On : 4 Apr 2018 13:19
 Operator : SJ/JU
 Sample : PB107838TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107838TB

Manual Integrations
 APPROVED

Sohil
 4/6/2018 5:29:28 PM

Quant Time: Apr 04 18:49:32 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	32608	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	149765	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	118962	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	328589	20.00	ng	0.00
75) Chrysene-d12	22.56	240	349578	20.00	ng	0.00
86) Perylene-d12	26.33	264	339786	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	329830	189.67	ng	0.00
7) Phenol-d6	7.98	99	500327	167.45	ng	0.00
23) Nitrobenzene-d5	10.06	82	310167	95.15	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	245502	137.98	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	797357	96.76	ng	0.00
78) Terphenyl-d14	20.73	244	1569400	96.01	ng	0.00

Target Compounds Qvalue

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

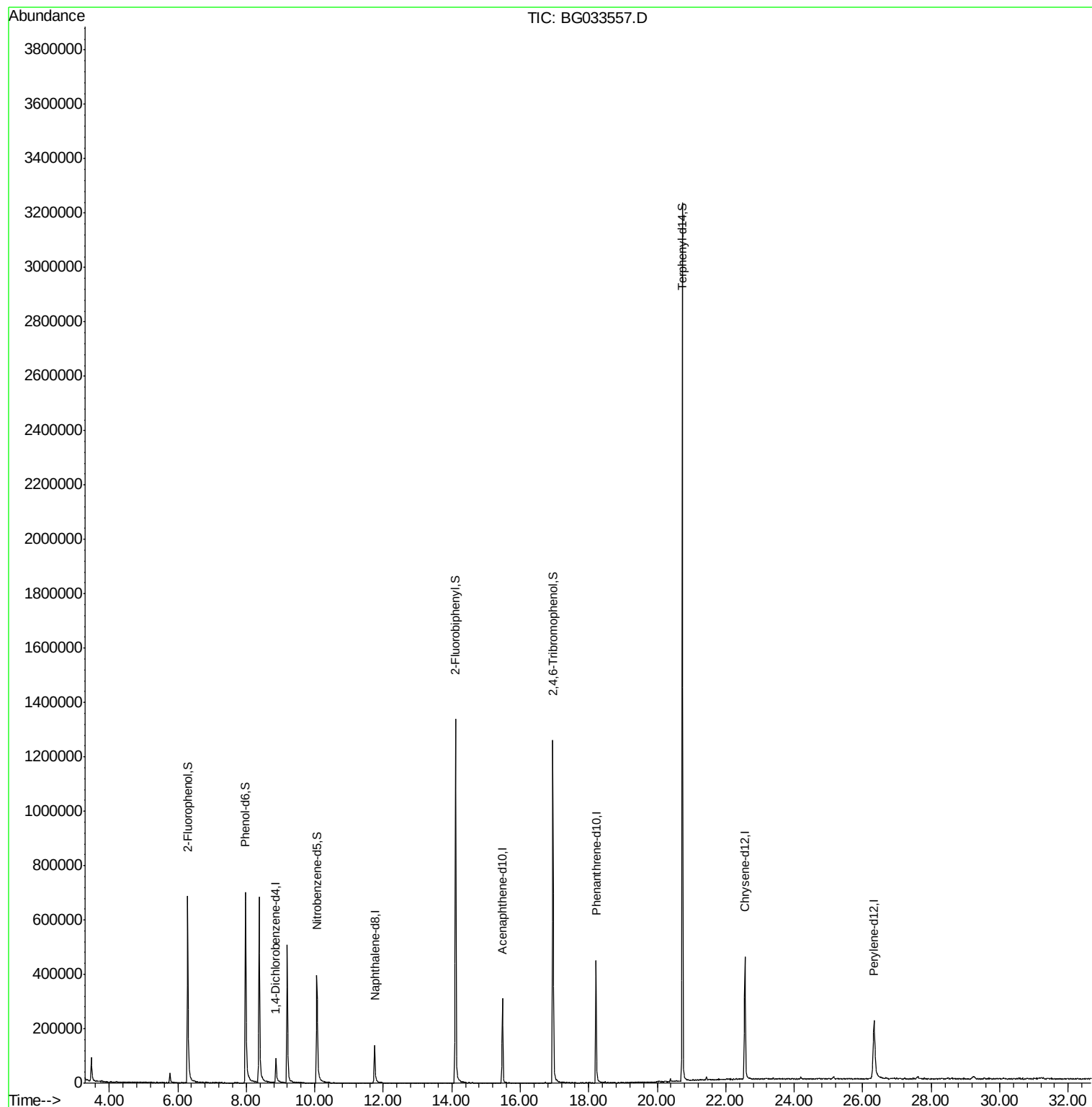
Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
Data File : BG033557.D
Acq On : 4 Apr 2018 13:19
Operator : SJ/JU
Sample : PB107838TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

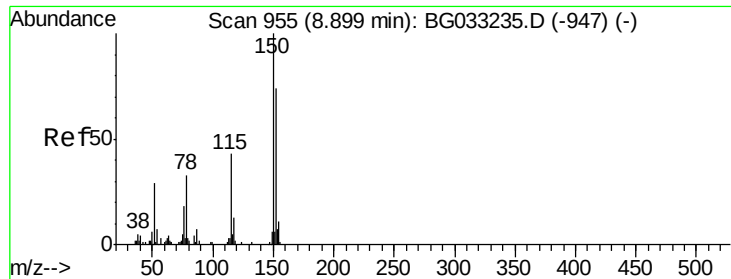
Instrument :
BNA_G
ClientSampleId :
PB107838TB

Manual Integrations
APPROVED

Sohil
4/6/2018 5:29:28 PM

Quant Time: Apr 04 18:49:32 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:35:46 2018
Response via : Initial Calibration





#1

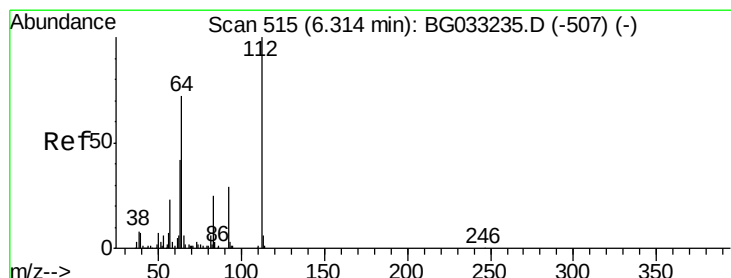
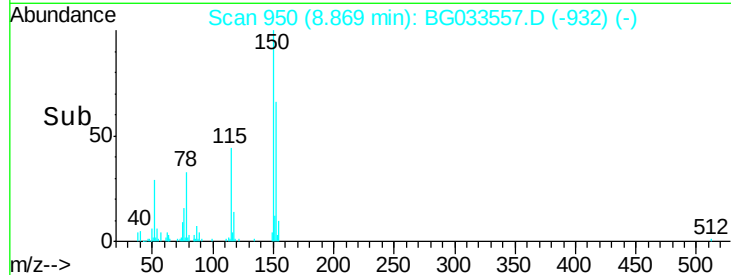
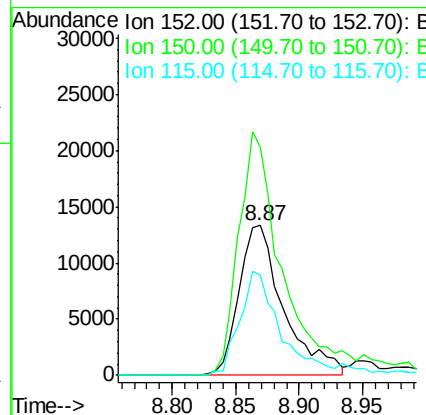
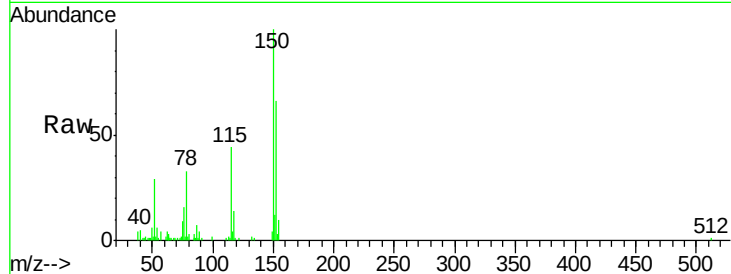
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG033557.D
Acq: 4 Apr 2018 13:19

Instrument :
BNA_G
ClientSampled :
PB107838TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	126.6	189.8
115	67.2	53.0	79.4

Manual Integrations
APPROVED

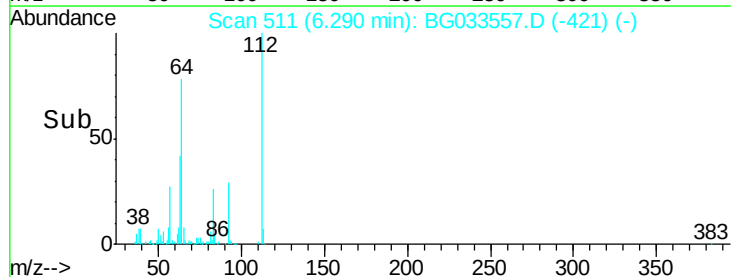
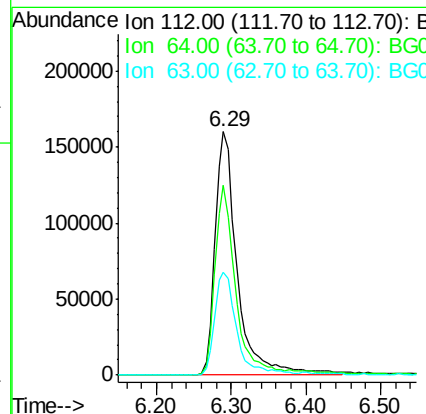
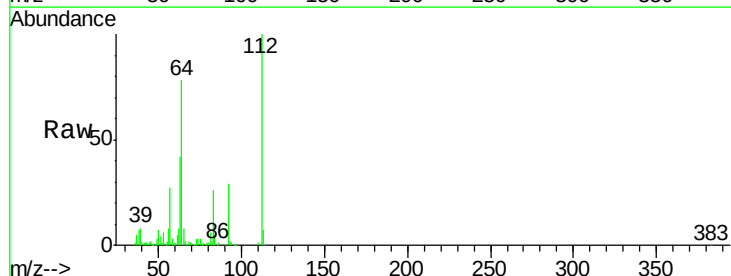
Sohil
4/6/2018 5:29:28 PM

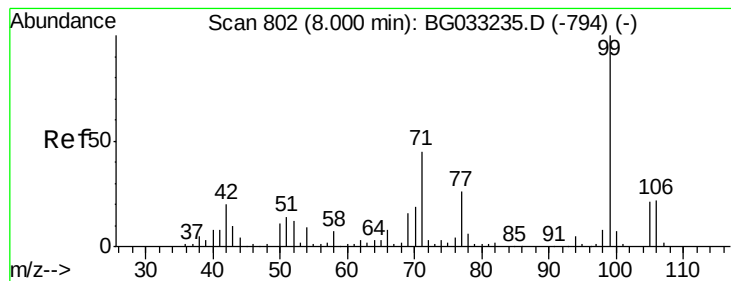


#5

2-Fluorophenol
Concen: 189.668 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033557.D
Acq: 4 Apr 2018 13:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.1	56.3	84.5
63	42.4	30.1	45.1





#7

Phenol-d6

Concen: 167.449 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033557.D

Acq: 4 Apr 2018 13:19

Instrument :

BNA_G

ClientSampleId :

PB107838TB

Tot Ion: 99 Resp: 500327

Ion Ratio Lower Upper

99 100

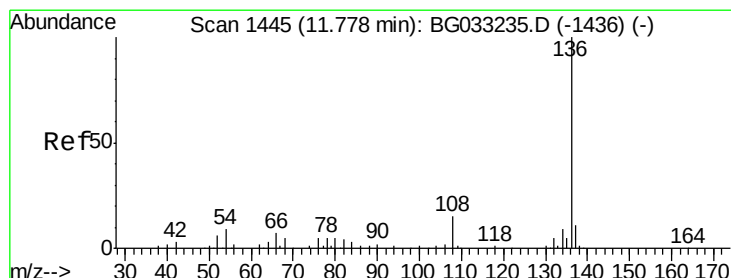
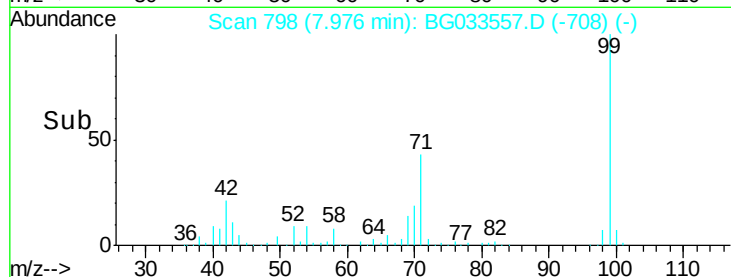
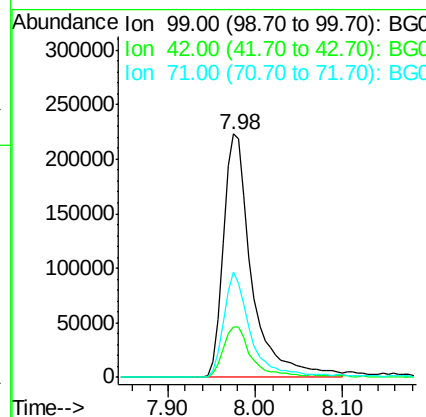
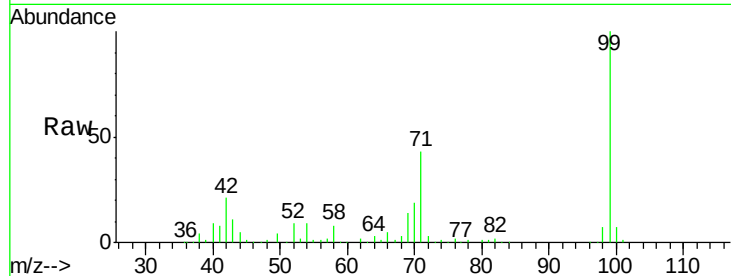
42 20.8 14.1 21.1

71 43.1 26.1 39.1#

Manual Integrations
APPROVED

Sohil

4/6/2018 5:29:28 PM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BG033557.D

Acq: 4 Apr 2018 13:19

Tgt Ion: 136 Resp: 149765

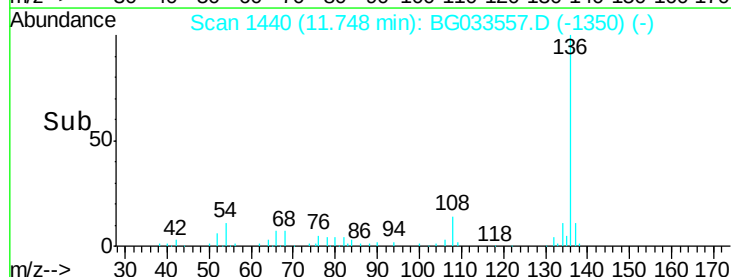
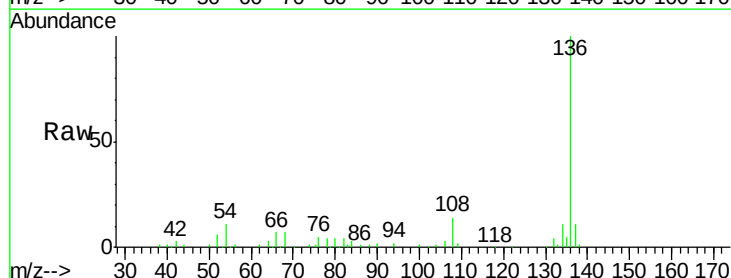
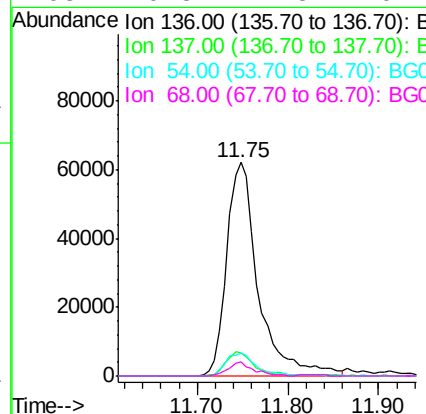
Ion Ratio Lower Upper

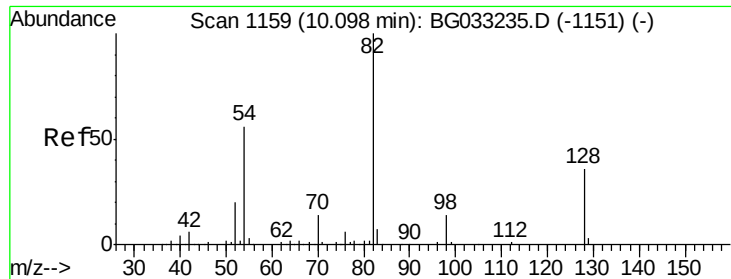
136 100

137 10.7 9.2 13.8

54 10.7 10.3 15.5

68 6.8 4.5 6.7#





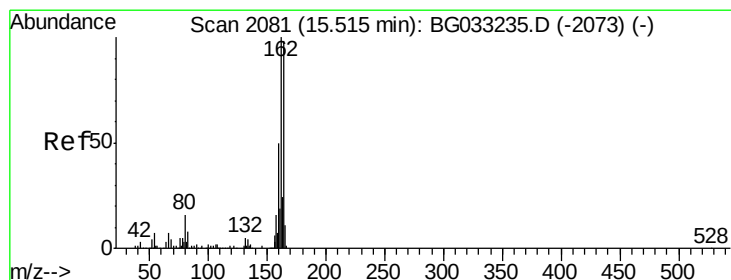
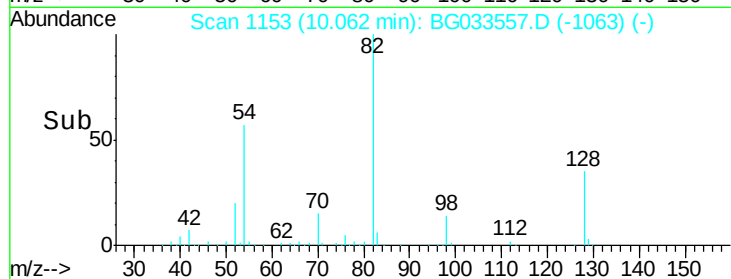
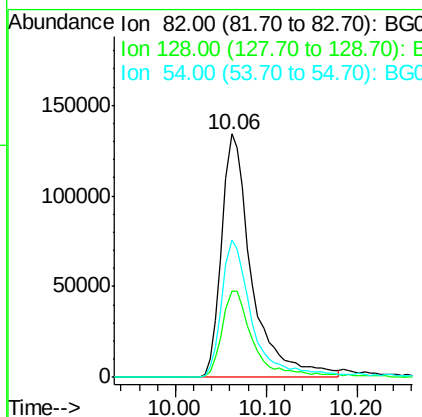
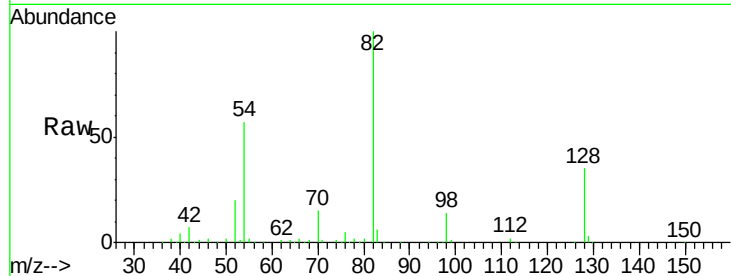
#23
Nitrobenzene-d5
Concen: 95.151 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033557.D
Acq: 4 Apr 2018 13:19

Instrument :
BNA_G
ClientSampleId :
PB107838TB

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.7	44.5
54	56.6	43.1	64.7

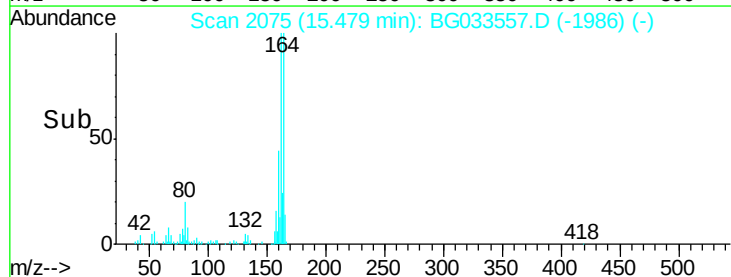
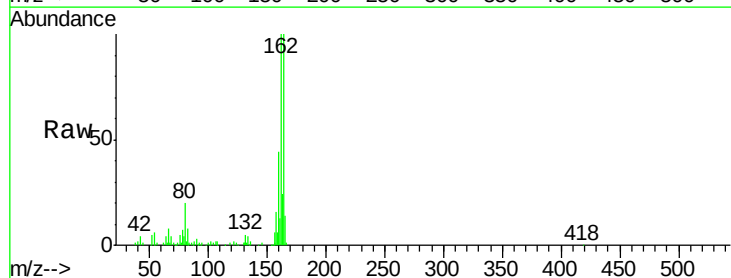
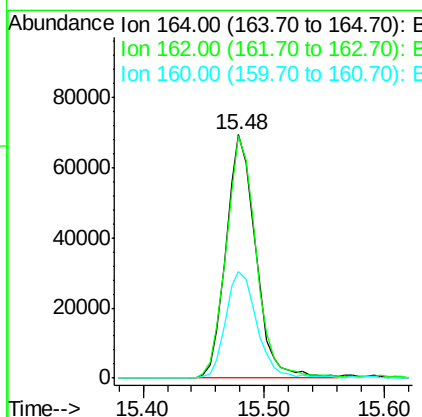
Manual Integrations
APPROVED

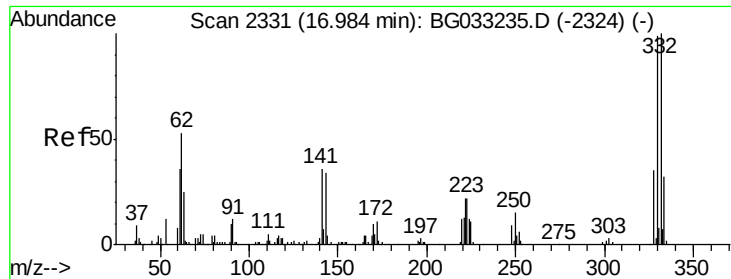
Sohil
4/6/2018 5:29:28 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033557.D
Acq: 4 Apr 2018 13:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	78.8	118.2
160	43.7	35.4	53.0





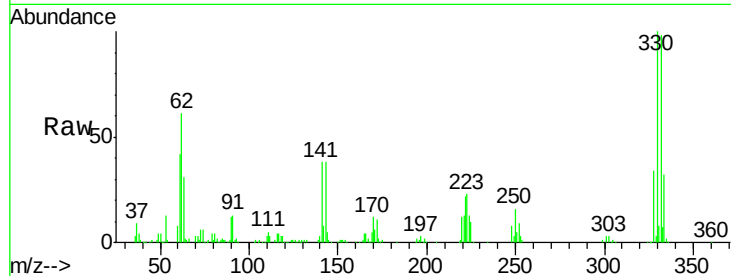
#41
 2,4,6-Tribromophenol
 Concen: 137.983 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033557.D
 Acq: 4 Apr 2018 13:19

Instrument :
 BNA_G
 ClientSampleId :
 PB107838TB

Tot Ion	Ratio	Resp	Lower	Upper
330	100	245502		
332	96.1	77.0	115.6	
141	37.8	25.2	37.8	

Manual Integrations
 APPROVED

Sohil
 4/6/2018 5:29:28 PM

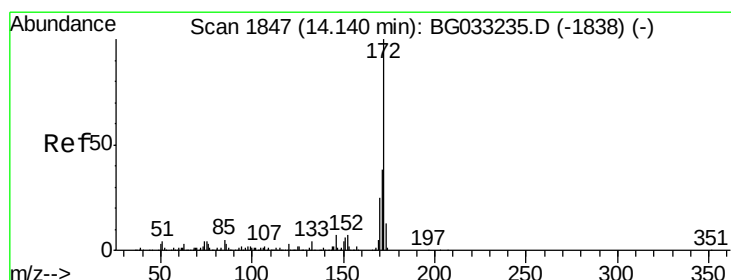
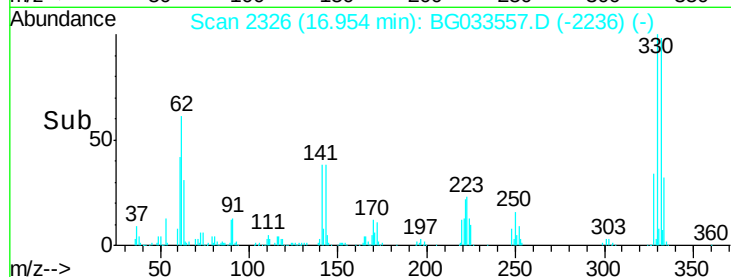
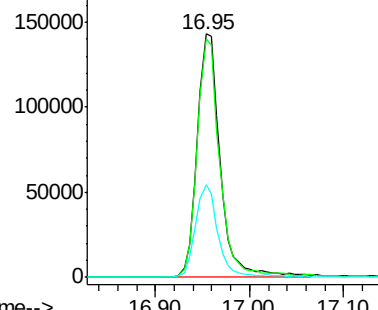


Abundance

Ion 329.80 (329.50 to 330.50): E

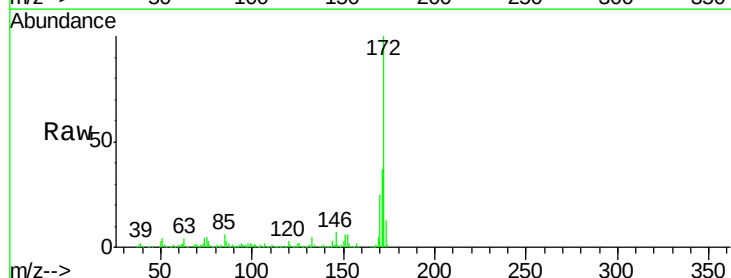
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.761 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BG033557.D
 Acq: 4 Apr 2018 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	797357		
171	37.3	30.0	45.0	
170	24.8	19.5	29.3	

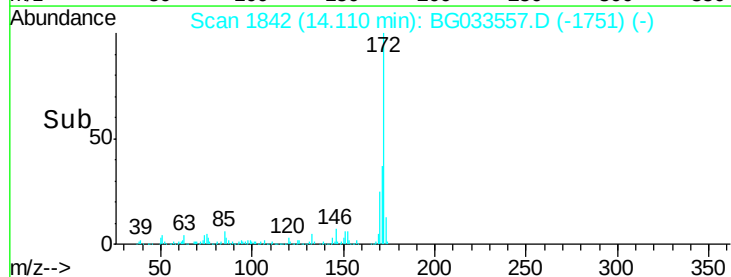
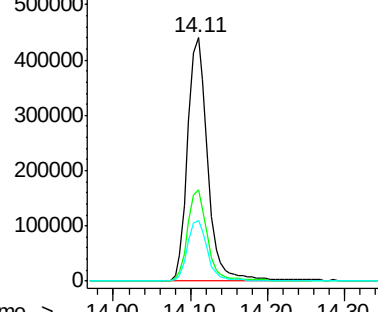


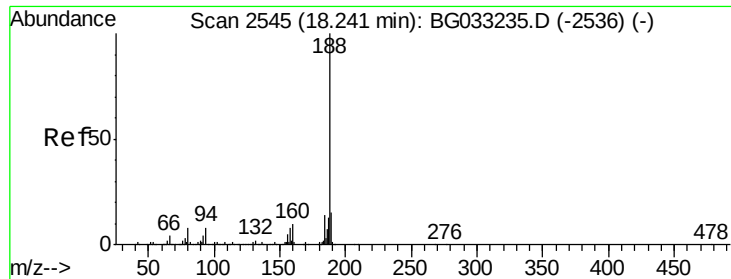
Abundance

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: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033557.D

Acq: 4 Apr 2018 13:19

Instrument :

BNA_G

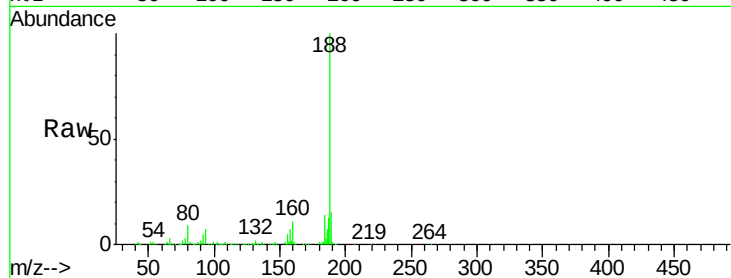
ClientSampleId :

PB107838TB

Tot Ion:	188	Resp:	328589
Ion Ratio	Lower	Upper	
188	100		
94	7.3	6.9	10.3
80	9.3	7.7	11.5

Manual Integrations
APPROVED

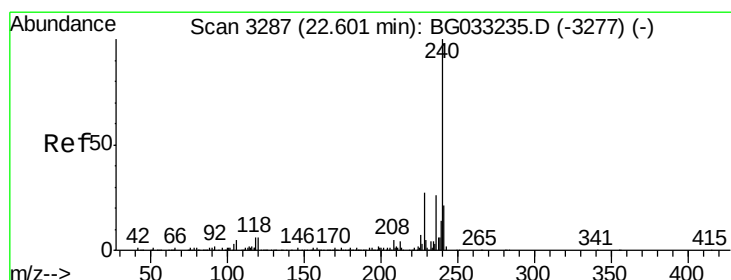
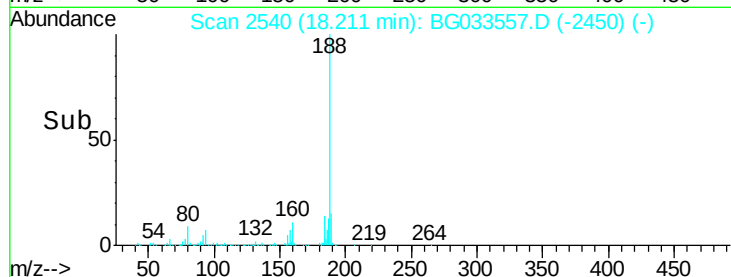
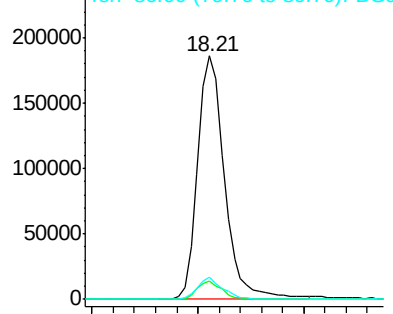
Sohil
4/6/2018 5:29:28 PM



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

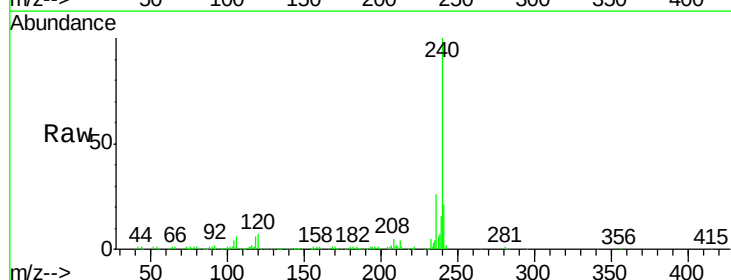
RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033557.D

Acq: 4 Apr 2018 13:19

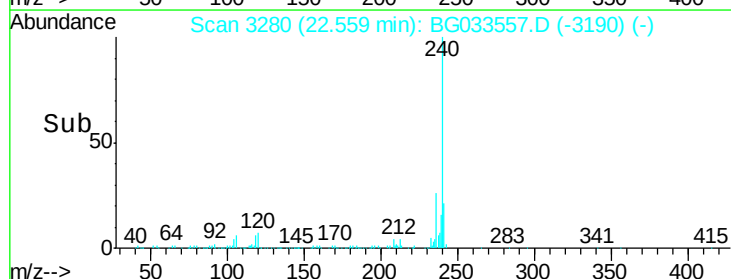
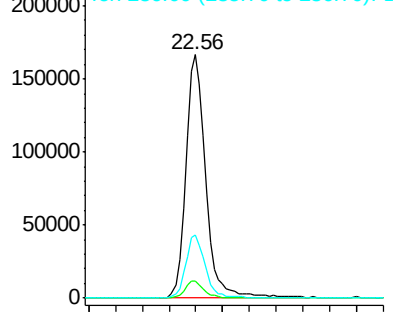
Tgt Ion:	240	Resp:	349578
Ion Ratio	Lower	Upper	
240	100		
120	7.2	6.8	10.2
236	26.1	20.9	31.3

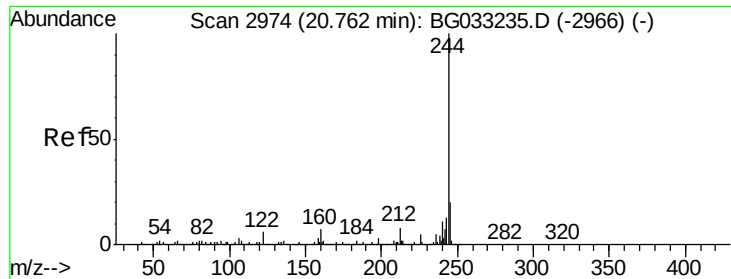


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





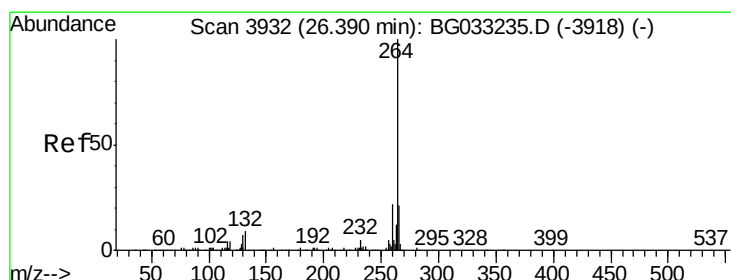
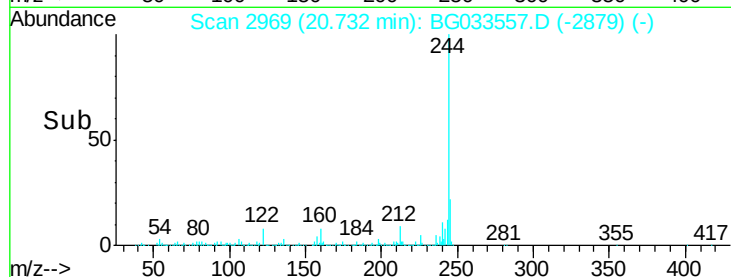
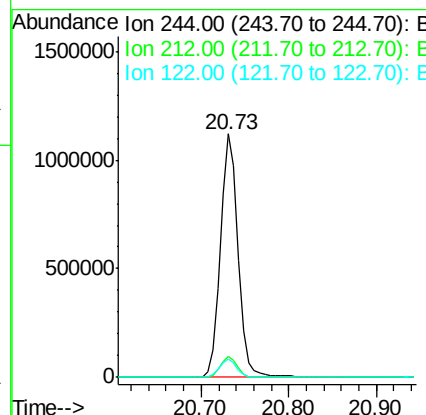
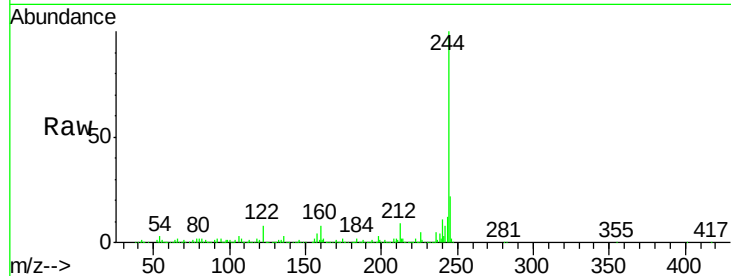
#78
 Terphenyl-d14
 Concen: 96.011 ng
 RT: 20.73 min Scan# 2969
 Delta R.T. -0.00 min
 Lab File: BG033557.D
 Acq: 4 Apr 2018 13:19

Instrument :
 BNA_G
 ClientSampleID :
 PB107838TB

Tot Ion	Ion	Ratio	Lower	Upper
244	100			
212	8.6	5.8	8.8	
122	7.6	7.0	10.4	

Manual Integrations
 APPROVED

Sohil
 4/6/2018 5:29:28 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3922
 Delta R.T. 0.01 min
 Lab File: BG033557.D
 Acq: 4 Apr 2018 13:19

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	21.7	17.4	26.0	
265	21.3	17.7	26.5	

