

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033583.D
 Acq On : 5 Apr 2018 6:56
 Operator : SJ/JU
 Sample : J2197-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-STONES

Manual Integrations
 APPROVED

Sohil
 4/5/2018 5:03:59 PM

Quant Time: Apr 05 11:15:21 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	27260	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	127170	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	108465	20.00	ng	-0.01
63) Phenanthrene-d10	18.21	188	308194	20.00	ng	0.00
75) Chrysene-d12	22.56	240	310867	20.00	ng	0.00
86) Perylene-d12	26.32	264	294510m	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	249883	171.89	ng	0.00
7) Phenol-d6	7.97	99	367355	147.07	ng	0.00
23) Nitrobenzene-d5	10.06	82	303802	109.76	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	257987	159.03	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	758991	101.02	ng	0.00
78) Terphenyl-d14	20.73	244	1574981	108.35	ng	0.00

Target Compounds Qvalue

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

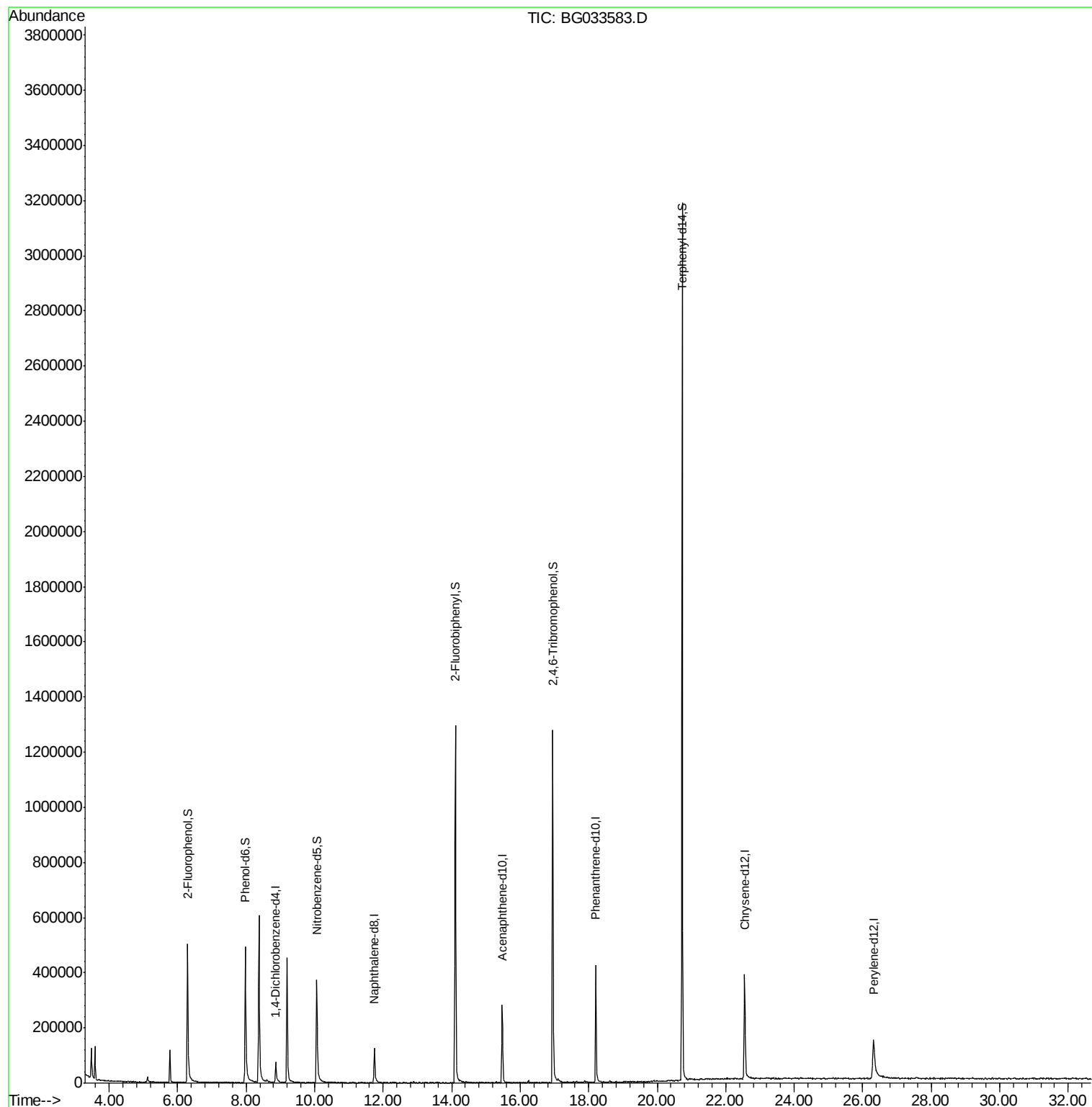
Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
Data File : BG033583.D
Acq On : 5 Apr 2018 6:56
Operator : SJ/JU
Sample : J2197-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

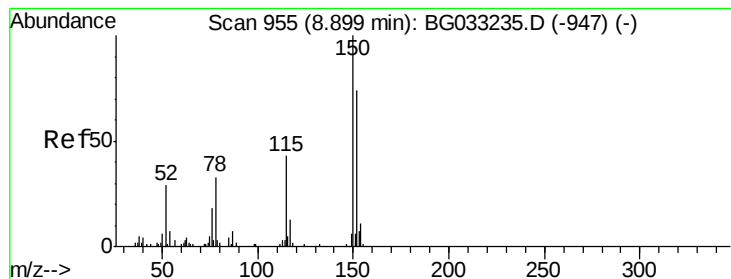
Instrument :
BNA_G
ClientSampleId :
DRUM-STONES

Manual Integrations
APPROVED

Sohil
4/5/2018 5:03:59 PM

Quant Time: Apr 05 11:15:21 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





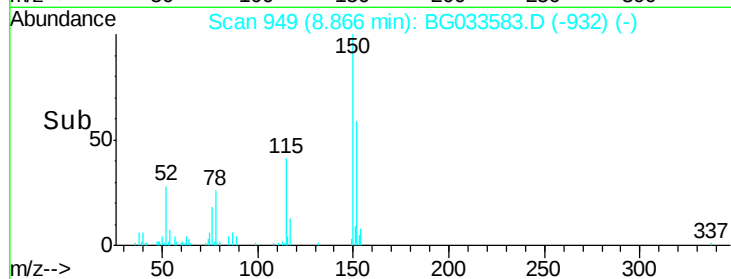
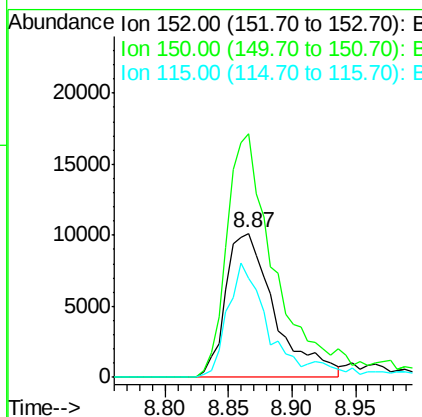
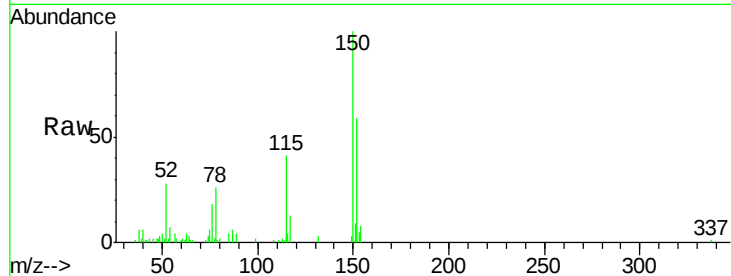
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BG033583.D
 Acq: 5 Apr 2018 6:56

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-STONES

Tot Ion	Ratio	Lower	Upper
152	100		
150	168.8	126.6	189.8
115	68.8	53.0	79.4

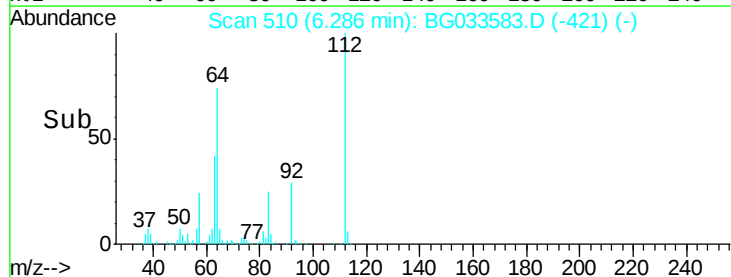
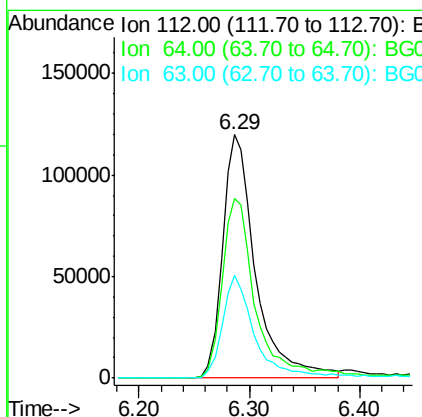
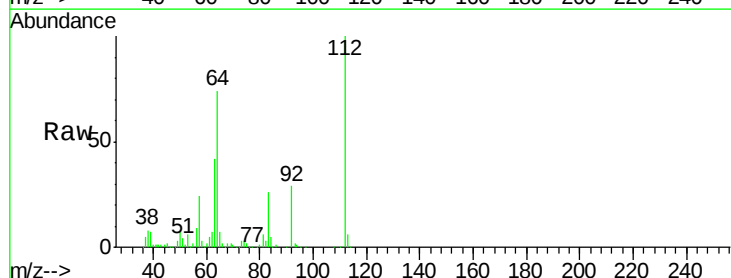
Manual Integrations
 APPROVED

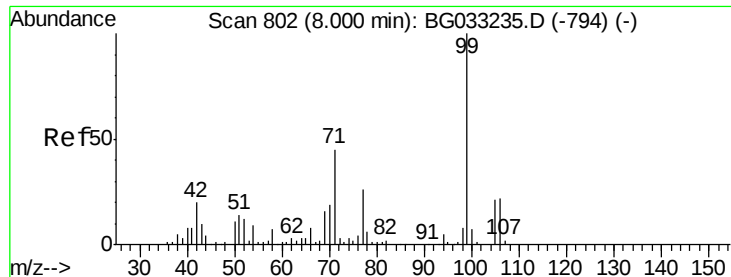
Sohil
 4/5/2018 5:03:59 PM



#5
 2-Fluorophenol
 Concen: 171.886 ng
 RT: 6.29 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BG033583.D
 Acq: 5 Apr 2018 6:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.8	56.3	84.5
63	42.2	30.1	45.1





#7

Phenol-d6

Concen: 147.067 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG033583.D

Acq: 5 Apr 2018 6:56

Instrument :

BNA_G

ClientSampleId :

DRUM-STONES

Tot Ion: 99 Resp: 367355

Ion Ratio Lower Upper

99 100

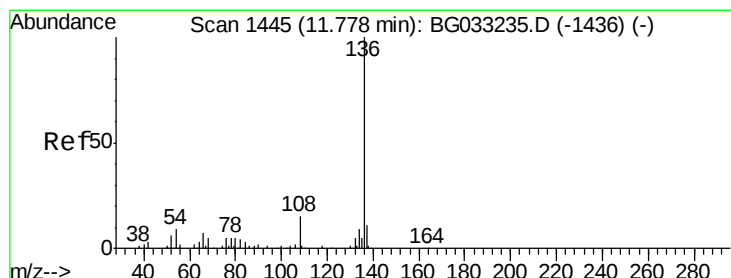
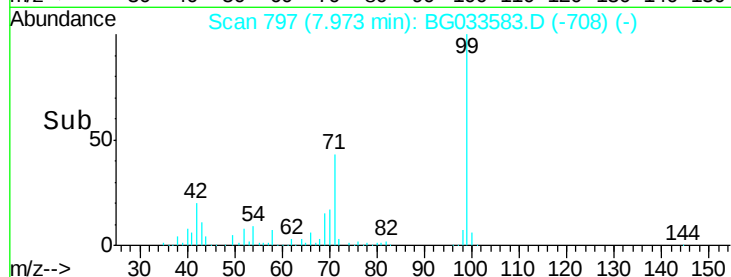
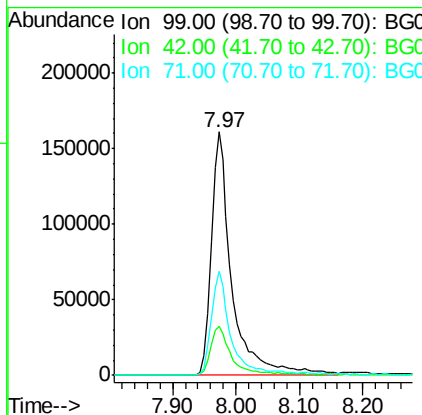
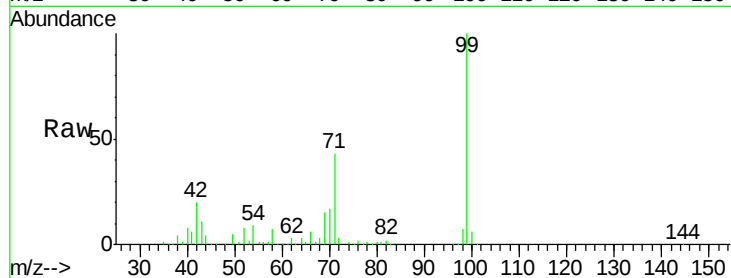
42 20.3 14.1 21.1

71 42.5 26.1 39.1#

Manual Integrations
APPROVED

Sohil

4/5/2018 5:03:59 PM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BG033583.D

Acq: 5 Apr 2018 6:56

Tgt Ion: 136 Resp: 127170

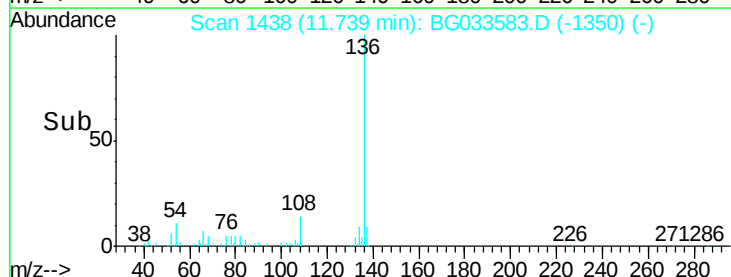
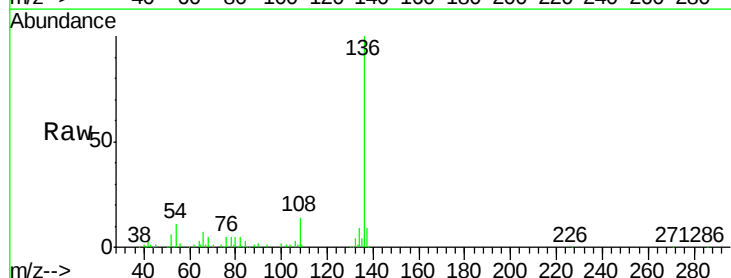
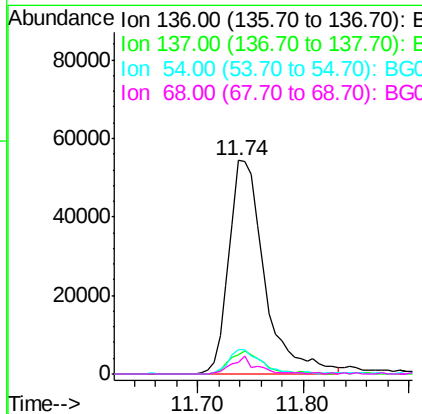
Ion Ratio Lower Upper

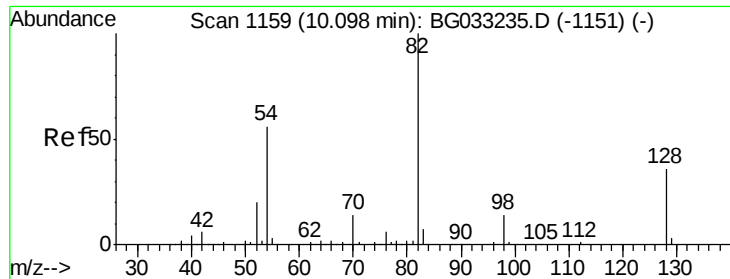
136 100

137 9.2 9.2 13.8

54 11.1 10.3 15.5

68 5.3 4.5 6.7





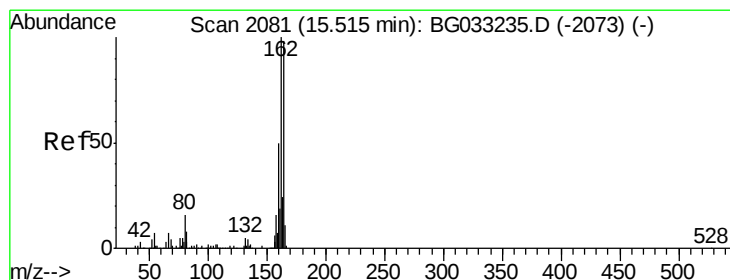
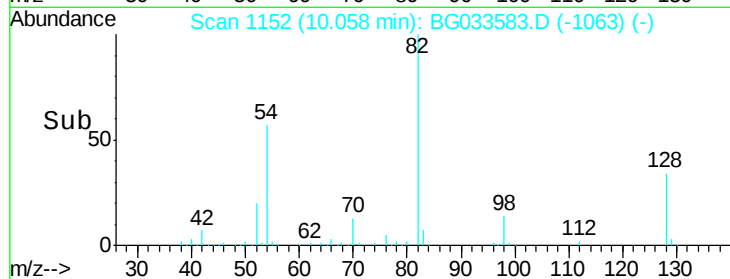
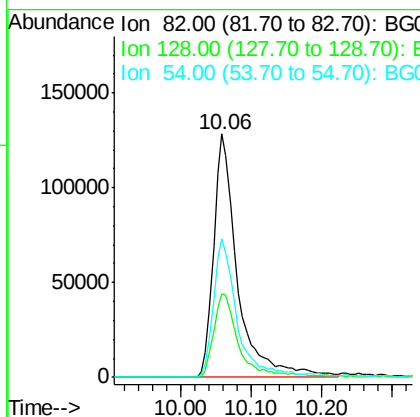
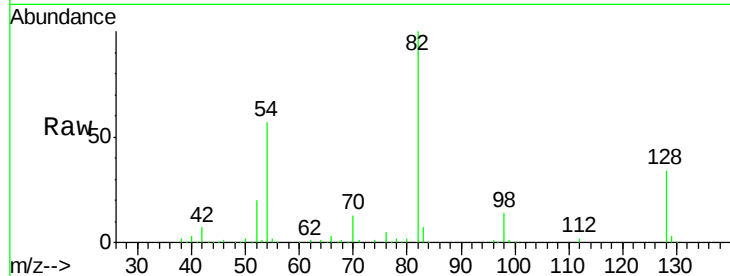
#23
 Nitrobenzene-d5
 Concen: 109.758 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG033583.D
 Acq: 5 Apr 2018 6:56

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-STONES

Tot Ion	82	Resp	303802
Ion Ratio	Lower	Upper	
82	100		
128	34.2	29.7	44.5
54	57.0	43.1	64.7

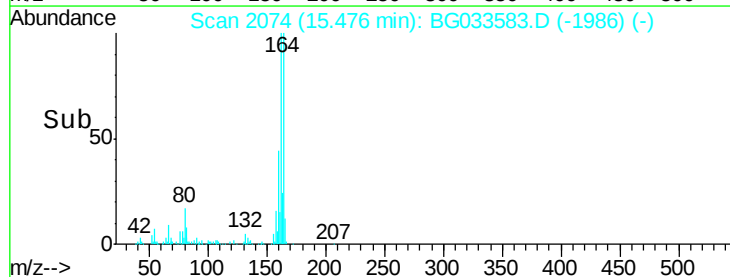
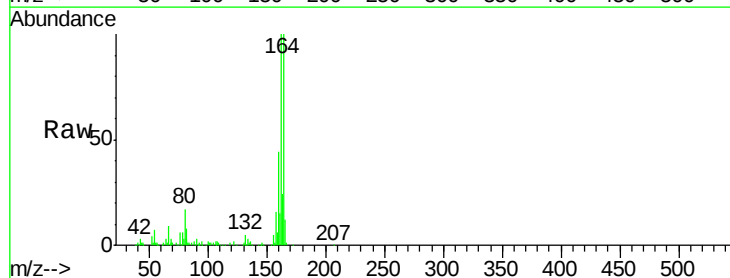
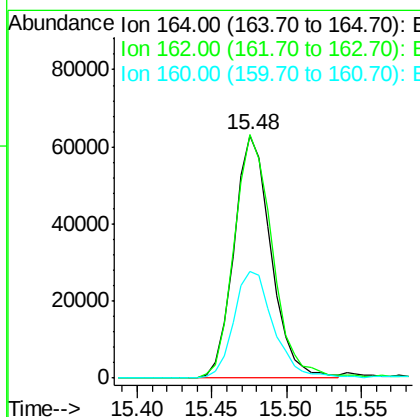
Manual Integrations
 APPROVED

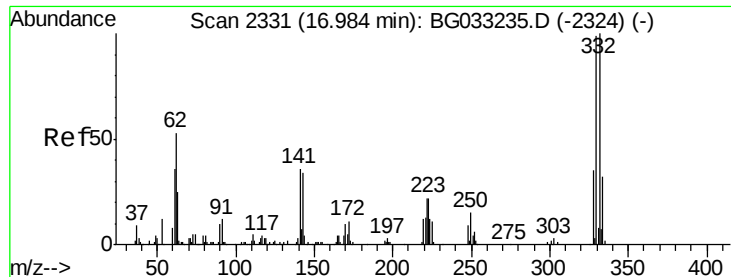
Sohil
 4/5/2018 5:03:59 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG033583.D
 Acq: 5 Apr 2018 6:56

Tgt Ion	164	Resp	108465
Ion Ratio	Lower	Upper	
164	100		
162	100.2	78.8	118.2
160	43.9	35.4	53.0





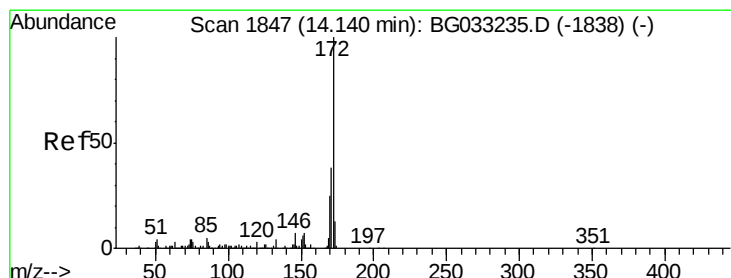
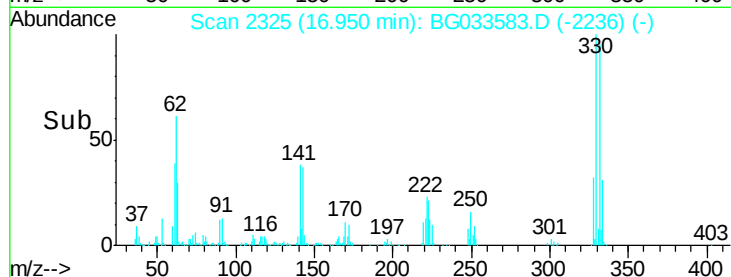
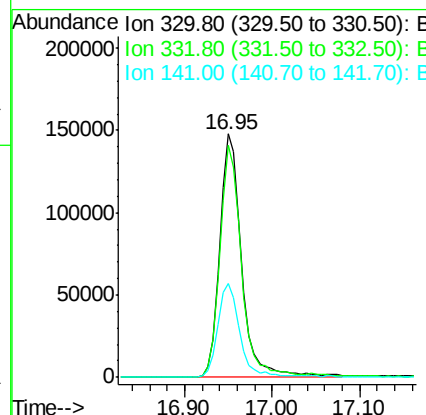
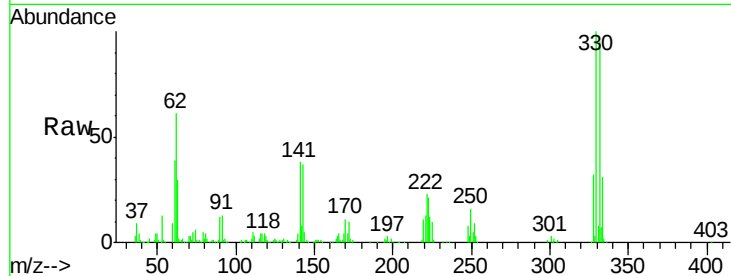
#41
 2,4,6-Tribromophenol
 Concen: 159.033 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033583.D
 Acq: 5 Apr 2018 6:56

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-STONES

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.6	77.0	115.6	
141	38.0	25.2	37.8	

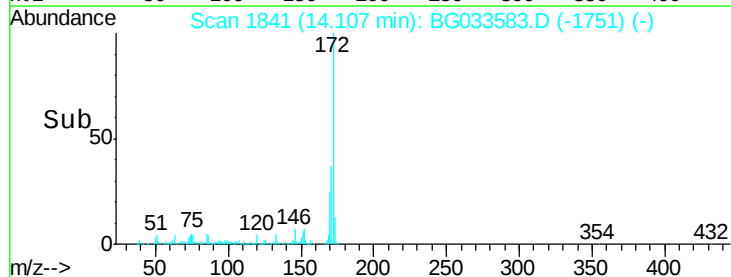
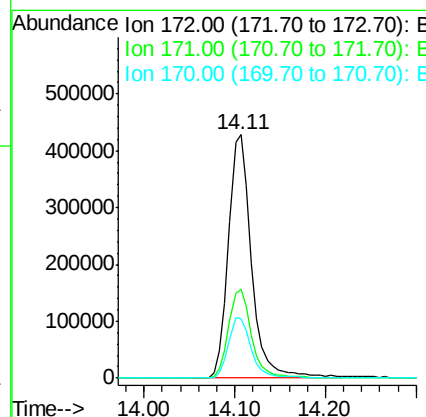
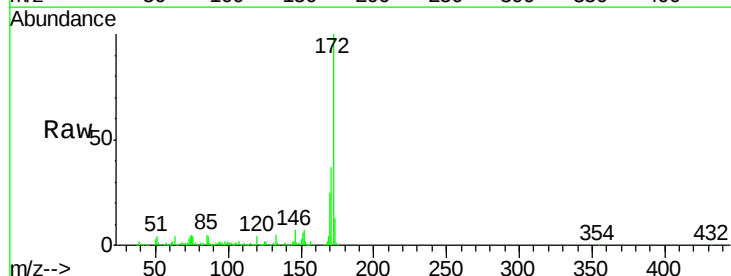
Manual Integrations
 APPROVED

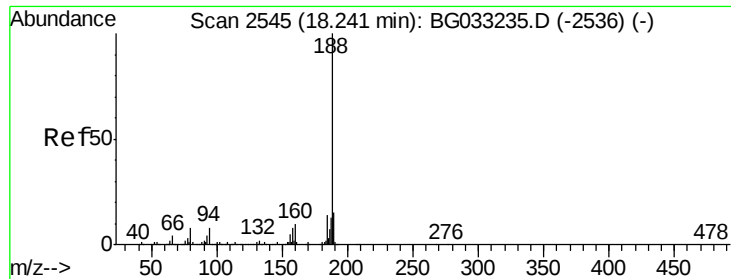
Sohil
 4/5/2018 5:03:59 PM



#44
 2-Fluorobiphenyl
 Concen: 101.019 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033583.D
 Acq: 5 Apr 2018 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.6	30.0	45.0	
170	24.5	19.5	29.3	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG033583.D

Acq: 5 Apr 2018 6:56

Instrument :

BNA_G

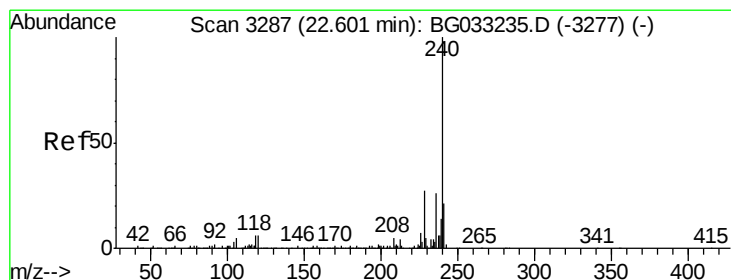
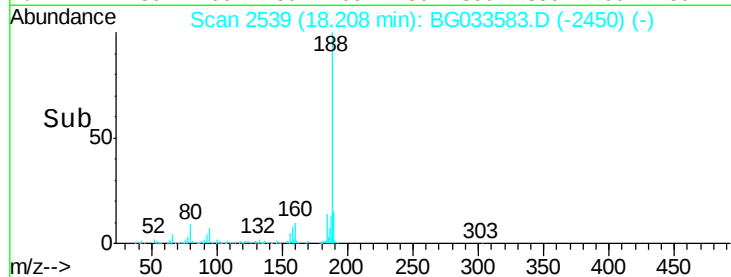
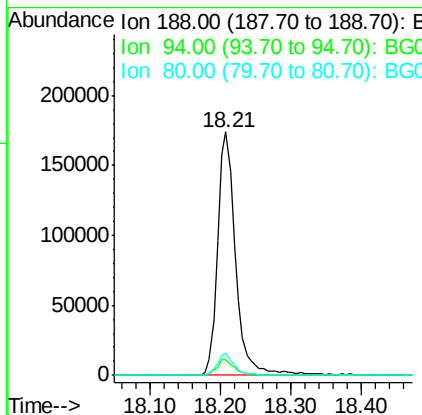
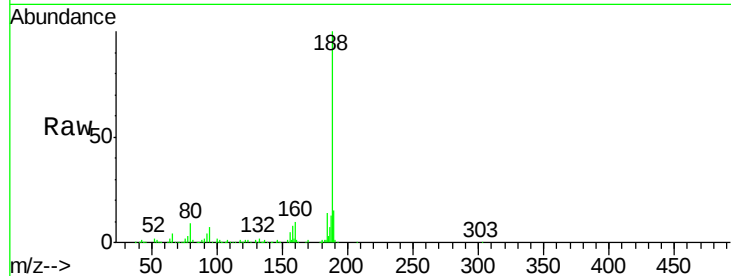
ClientSampleId :

DRUM-STONES

Tot Ion:	188	Resp:	308194
Ion Ratio	Lower	Upper	
188	100		
94	6.6	6.9	10.3#
80	9.2	7.7	11.5

Manual Integrations
APPROVED

Sohil
4/5/2018 5:03:59 PM



#75

Chrysene-d12

Concen: 20.000 ng

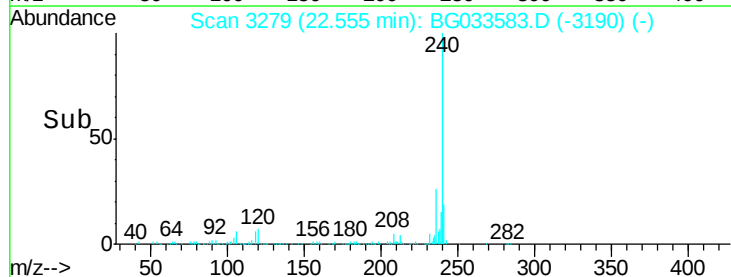
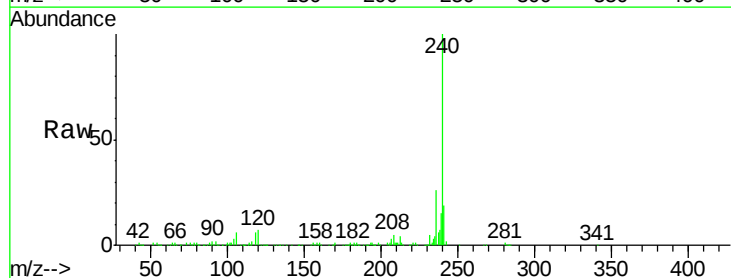
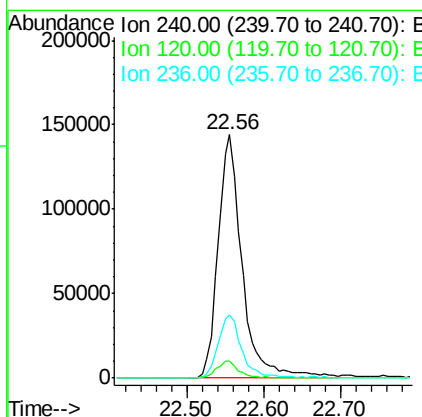
RT: 22.56 min Scan# 3279

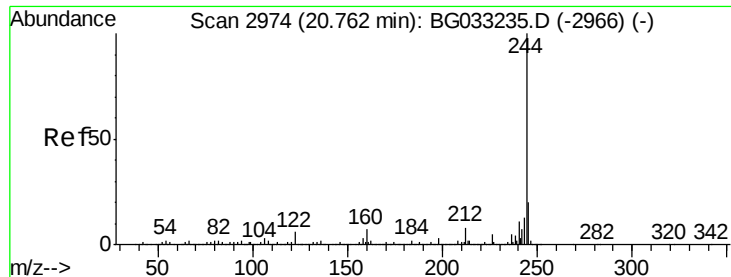
Delta R.T. -0.01 min

Lab File: BG033583.D

Acq: 5 Apr 2018 6:56

Tgt Ion:	240	Resp:	310867
Ion Ratio	Lower	Upper	
240	100		
120	6.8	6.8	10.2
236	26.2	20.9	31.3





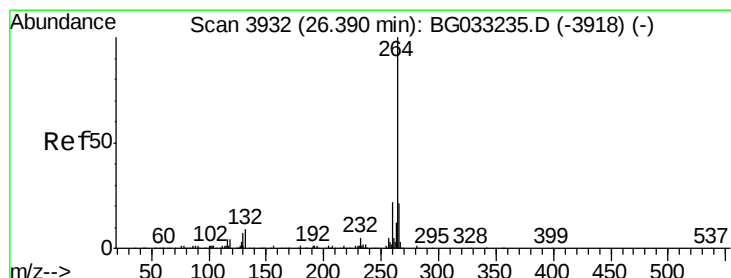
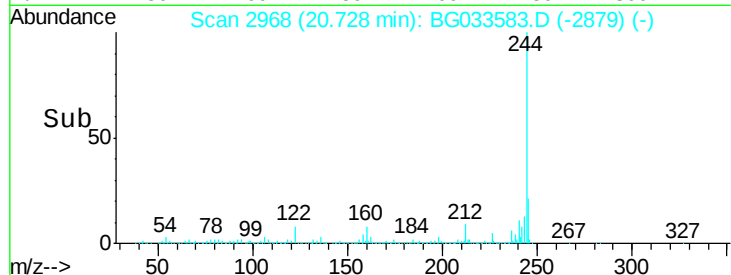
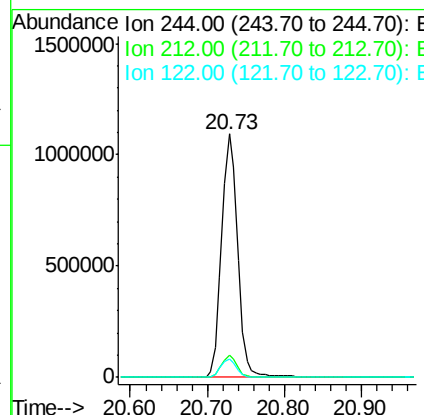
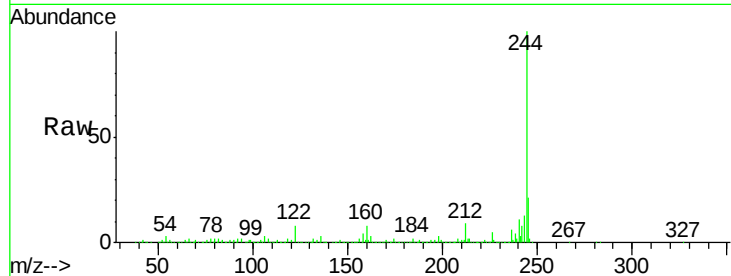
#78
 Terphenyl-d14
 Concen: 108.351 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.01 min
 Lab File: BG033583.D
 Acq: 5 Apr 2018 6:56

Instrument :
 BNA_G
 ClientSampled :
 DRUM-STONES

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	7.6	7.0	10.4

Manual Integrations
 APPROVED

Sohil
 4/5/2018 5:03:59 PM



#86
 Perylene-d12
 Concen: 20.000 ng m
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.00 min
 Lab File: BG033583.D
 Acq: 5 Apr 2018 6:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.4	17.7	26.5

