

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033165.D
 Acq On : 15 Mar 2018 4:30
 Operator : SJ/JU
 Sample : J1754-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-031318-A

Manual Integrations
 APPROVED

Sohil
 3/15/2018 7:00:20 PM

Quant Time: Mar 15 11:24:02 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	39477	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	172049	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	99043	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	259986	20.00	ng	0.00
75) Chrysene-d12	22.60	240	251613	20.00	ng	0.00
86) Perylene-d12	26.40	264	263935	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	343631	139.26	ng	0.00
7) Phenol-d6	8.00	99	408574	118.79	ng	0.00
23) Nitrobenzene-d5	10.10	82	307607	119.52	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	242438	232.80	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	665837	96.96	ng	0.00
78) Terphenyl-d14	20.76	244	1281096	114.39	ng	0.00
Target Compounds						
32) Benzoic acid	10.97	122	3078m	8.077	ng	Qvalue

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

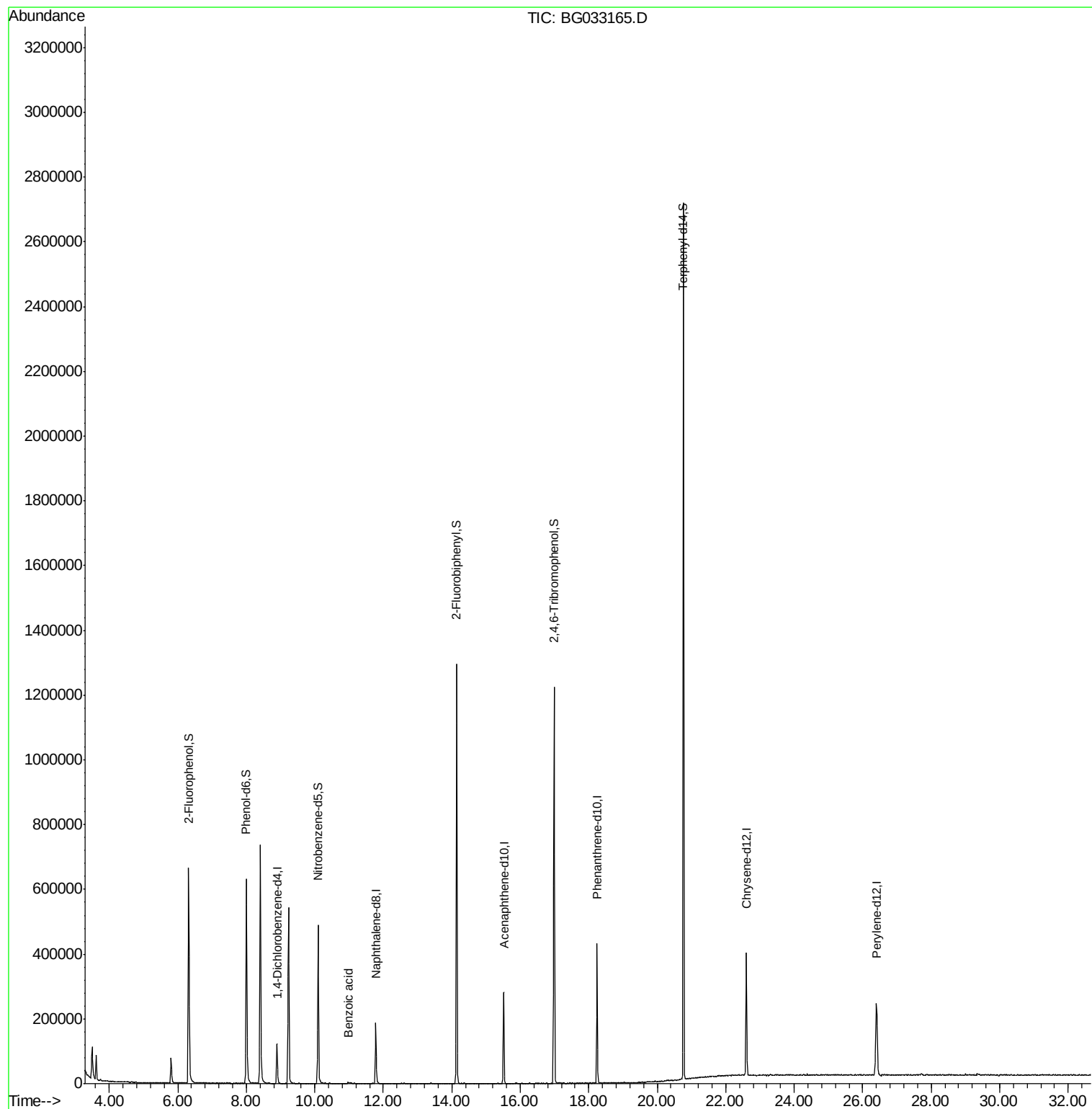
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
Data File : BG033165.D
Acq On : 15 Mar 2018 4:30
Operator : SJ/JU
Sample : J1754-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

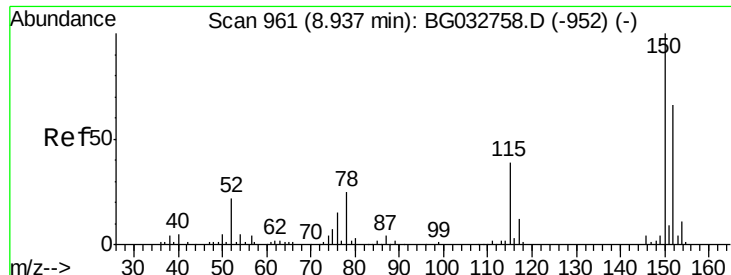
Instrument :
BNA_G
ClientSampleId :
CL-01-031318-A

Manual Integrations
APPROVED

Sohil
3/15/2018 7:00:20 PM

Quant Time: Mar 15 11:24:02 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration





#1

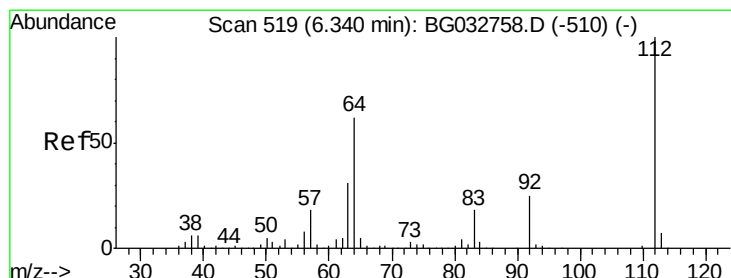
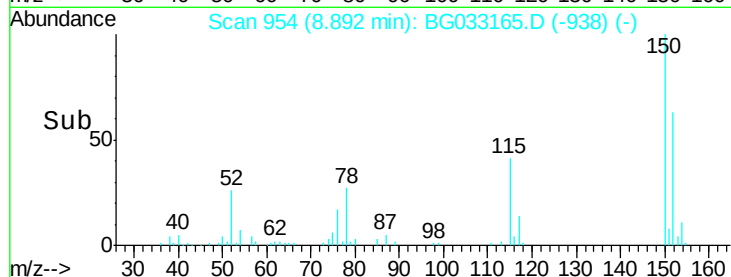
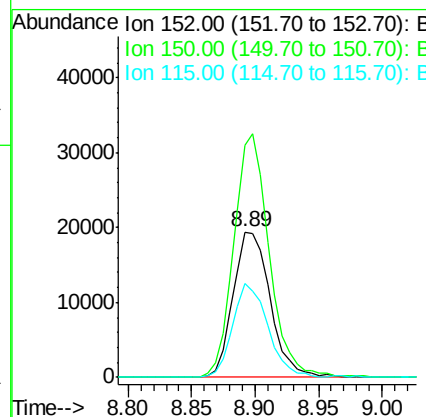
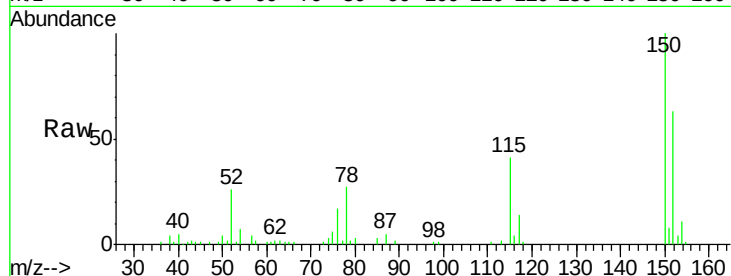
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033165.D
Acq: 15 Mar 2018 4:30

Instrument :
BNA_G
ClientSampleId :
CL-01-031318-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.6	189.8
115	64.8	53.0	79.4

Manual Integrations
APPROVED

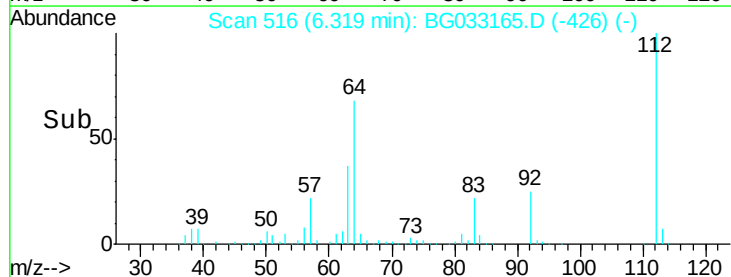
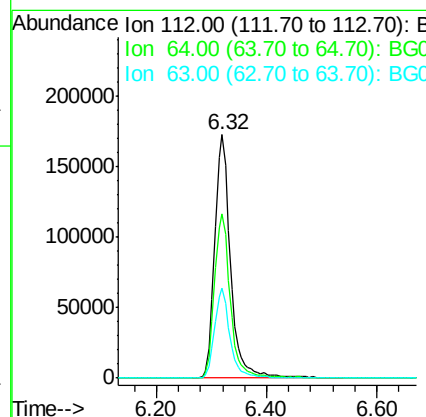
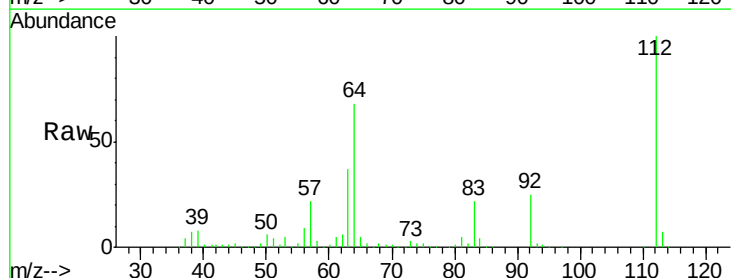
Sohil
3/15/2018 7:00:20 PM

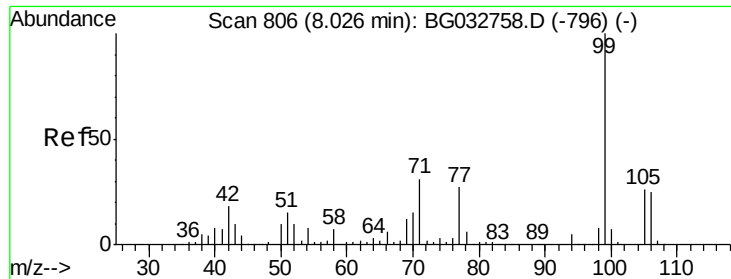


#5

2-Fluorophenol
Concen: 139.261 ng
RT: 6.32 min Scan# 516
Delta R.T. 0.00 min
Lab File: BG033165.D
Acq: 15 Mar 2018 4:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	56.3	84.5
63	36.8	30.1	45.1





#7

Phenol-d6

Concen: 118.792 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG033165.D

Acq: 15 Mar 2018 4:30

Instrument :

BNA_G

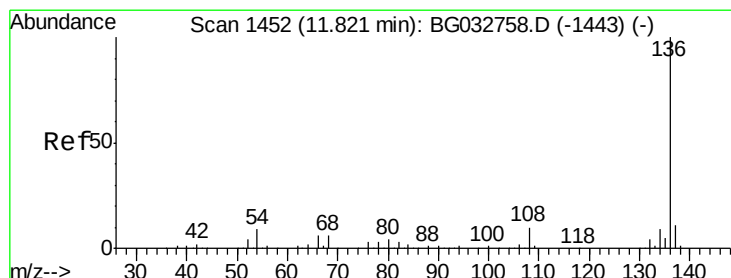
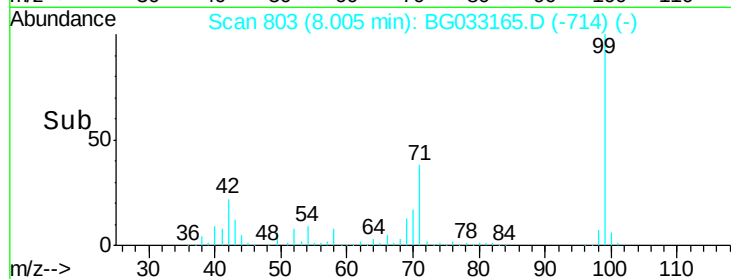
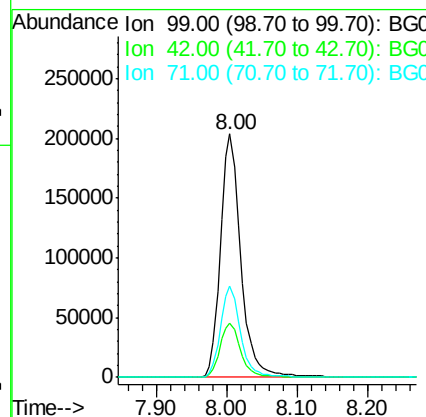
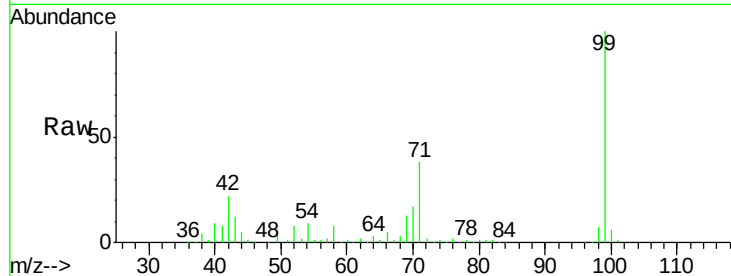
ClientSampled :

CL-01-031318-A

Tot Ion:	99	Resp:	408574
Ion Ratio	Lower	Upper	
99	100		
42	22.5	14.1	21.1#
71	37.6	26.1	39.1

Manual Integrations
APPROVED

Sohil
3/15/2018 7:00:20 PM



#21

Naphthalene-d8

Concen: 20.000 ng

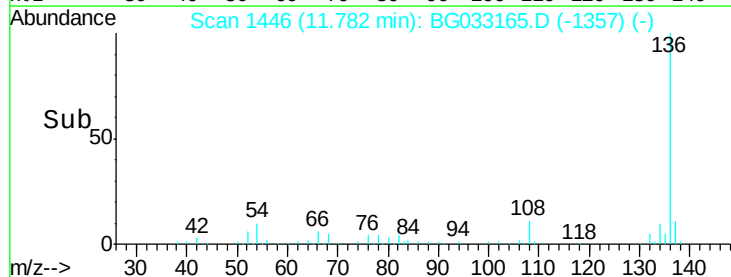
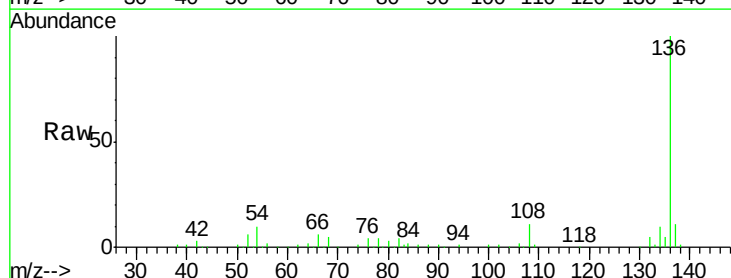
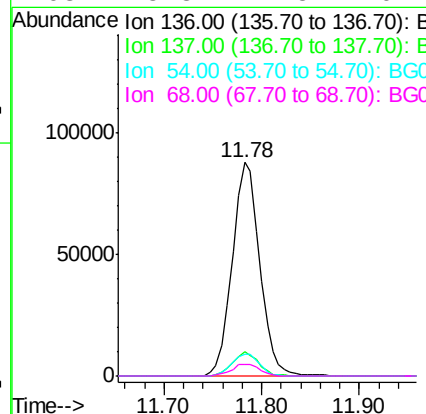
RT: 11.78 min Scan# 1446

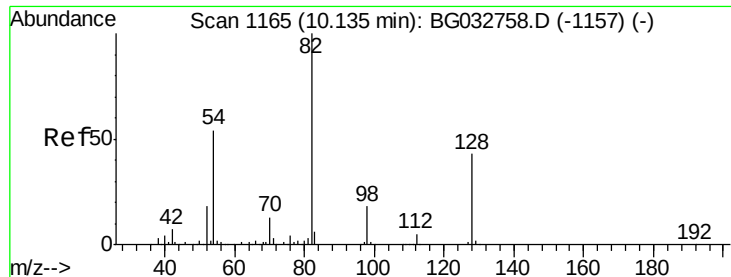
Delta R.T. -0.01 min

Lab File: BG033165.D

Acq: 15 Mar 2018 4:30

Tgt Ion:	136	Resp:	172049
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.2	13.8
54	10.3	10.3	15.5
68	5.3	4.5	6.7





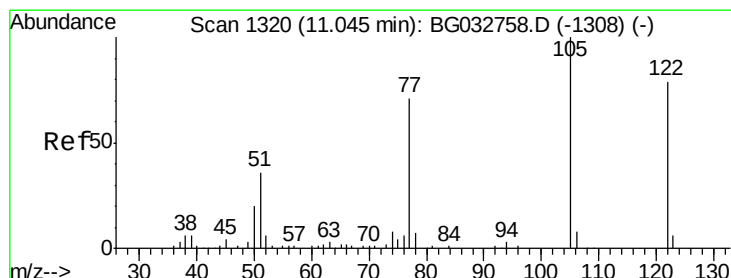
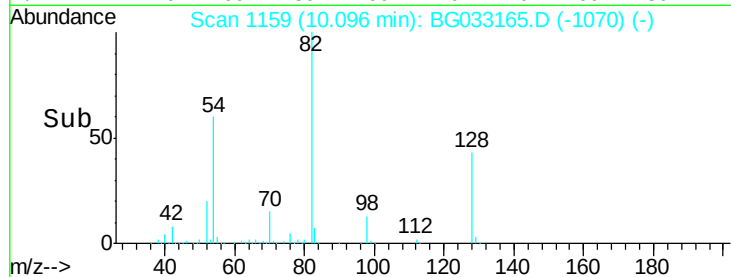
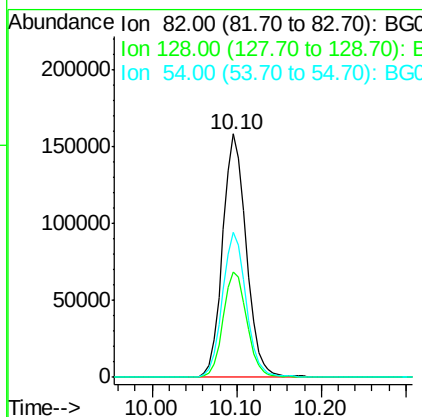
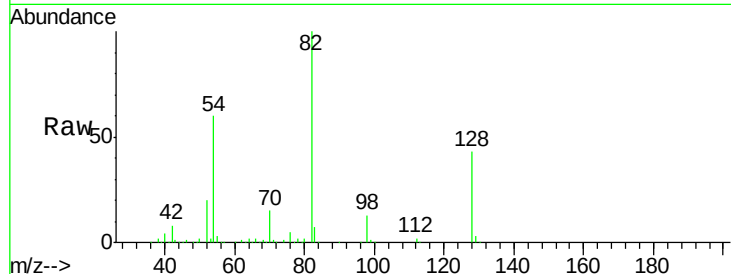
#23
 Nitrobenzene-d5
 Concen: 119.515 ng
 RT: 10.10 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BG033165.D
 Acq: 15 Mar 2018 4:30

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-031318-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	29.7	44.5
54	59.5	43.1	64.7

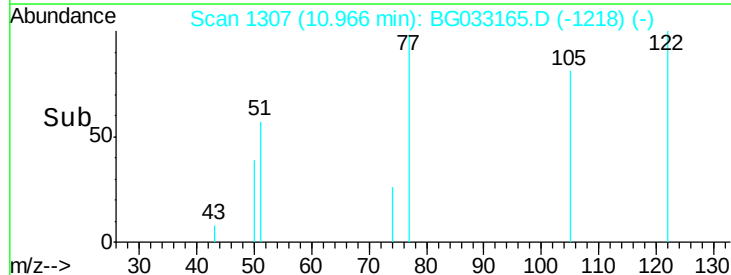
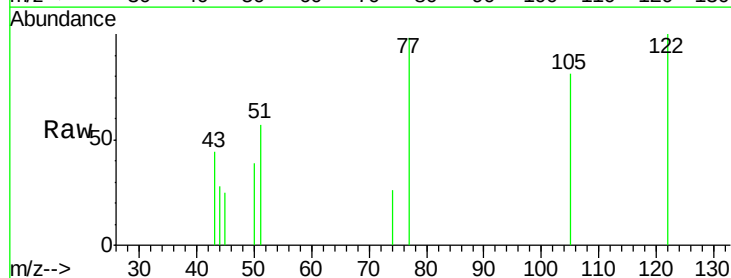
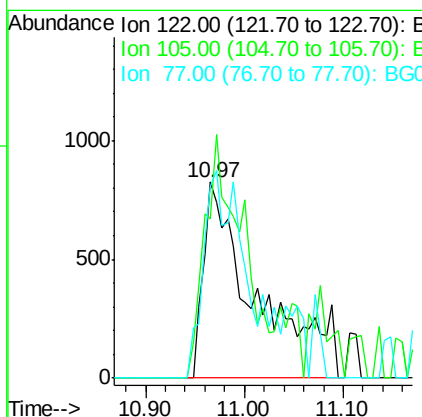
Manual Integrations
 APPROVED

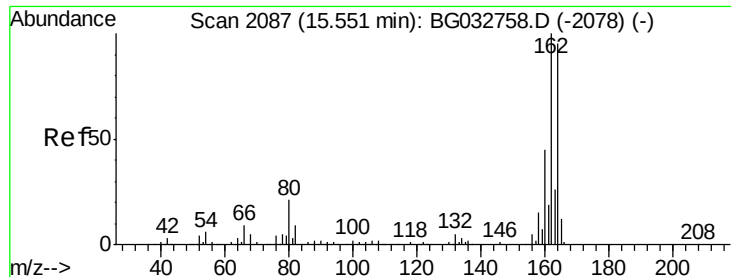
Sohil
 3/15/2018 7:00:20 PM



#32
 Benzoic acid
 Concen: 8.077 ng m
 RT: 10.97 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BG033165.D
 Acq: 15 Mar 2018 4:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	81.3	123.5	163.5#
77	97.7	85.7	125.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BG033165.D

Acq: 15 Mar 2018 4:30

Instrument :

BNA_G

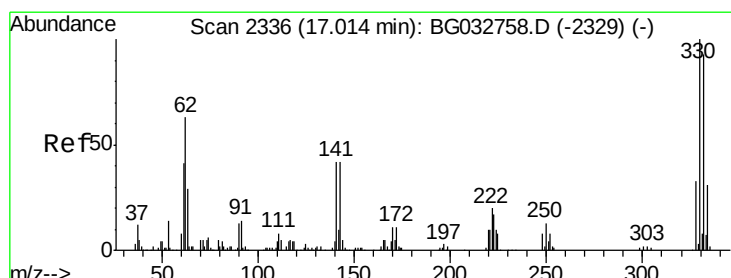
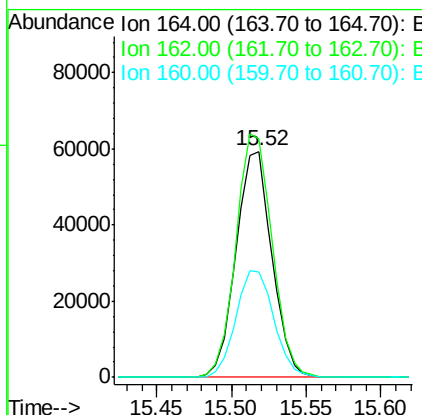
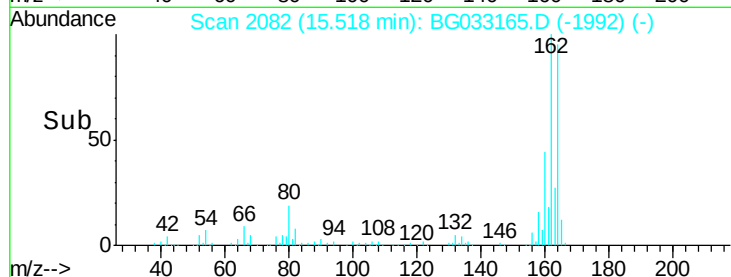
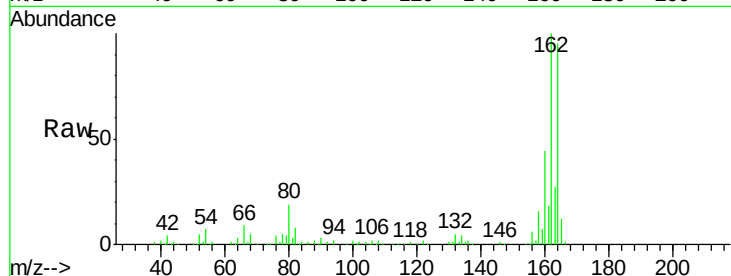
ClientSampleId :

CL-01-031318-A

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.6	78.8	118.2
160	46.4	35.4	53.0

Manual Integrations
APPROVED

Sohil
3/15/2018 7:00:20 PM



#41

2,4,6-Tribromophenol

Concen: 232.799 ng

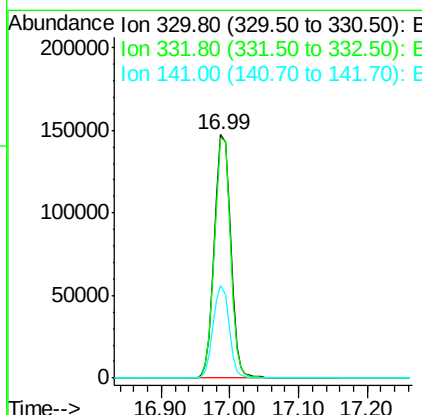
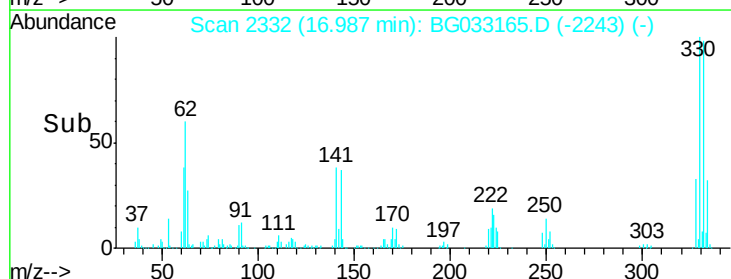
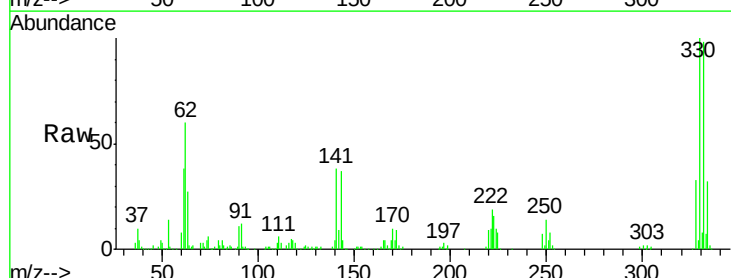
RT: 16.99 min Scan# 2332

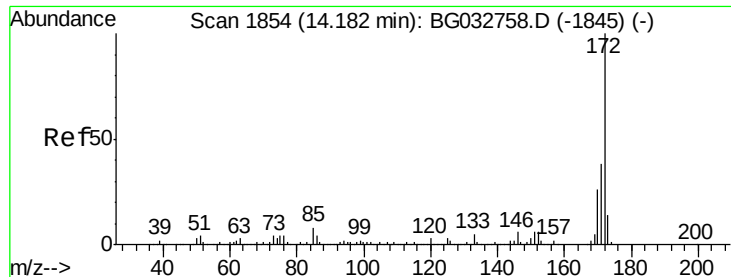
Delta R.T. -0.01 min

Lab File: BG033165.D

Acq: 15 Mar 2018 4:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	37.3	25.2	37.8





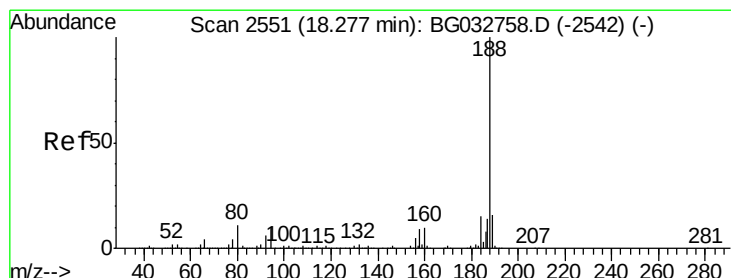
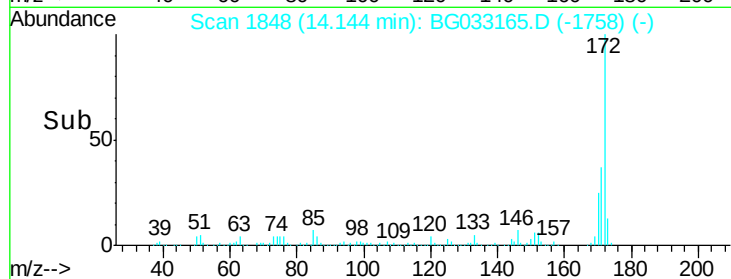
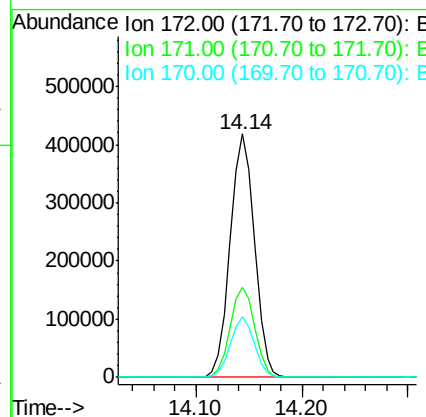
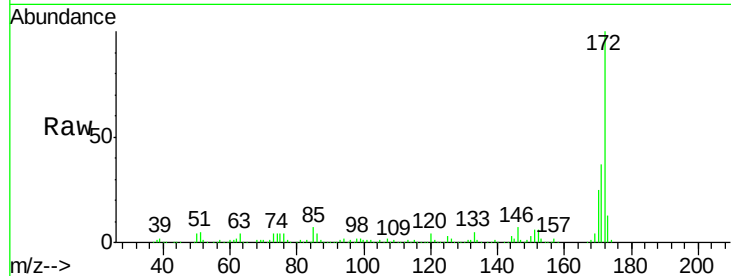
#44
2-Fluorobiphenyl
Concen: 96.958 ng
RT: 14.14 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BG033165.D
Acq: 15 Mar 2018 4:30

Instrument :
BNA_G
ClientSampleId :
CL-01-031318-A

Tot Ion	Ratio	Resp	Lower	Upper
172	100	665837		
171	36.9		30.0	45.0
170	24.8		19.5	29.3

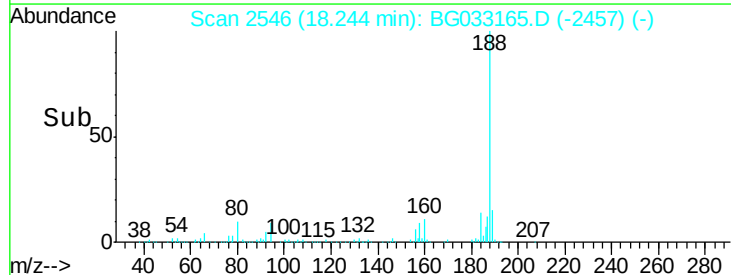
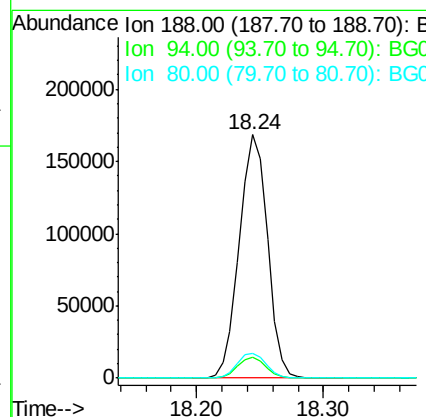
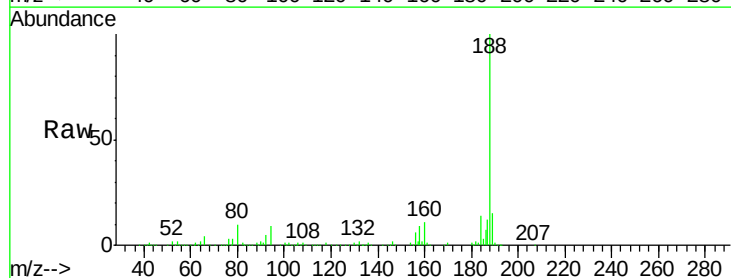
Manual Integrations
APPROVED

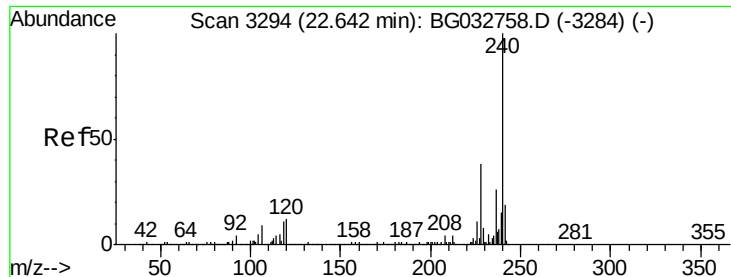
Sohil
3/15/2018 7:00:20 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BG033165.D
Acq: 15 Mar 2018 4:30

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	259986		
94	8.7		6.9	10.3
80	10.0		7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3288

Delta R.T. -0.01 min

Lab File: BG033165.D

Acq: 15 Mar 2018 4:30

Instrument :

BNA_G

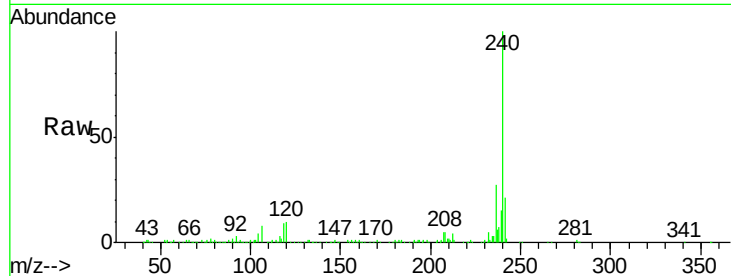
ClientSampleId :

CL-01-031318-A

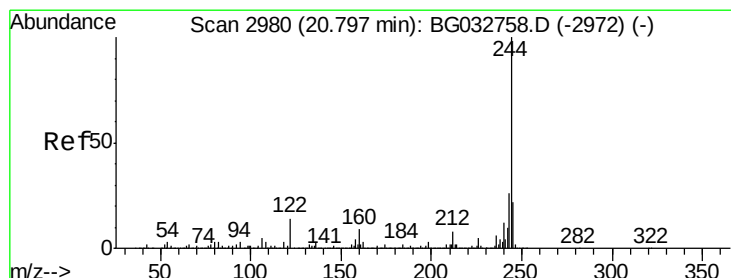
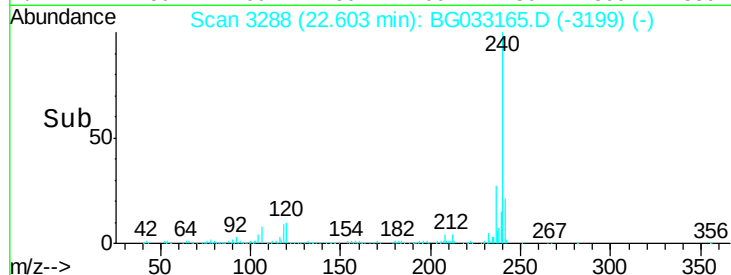
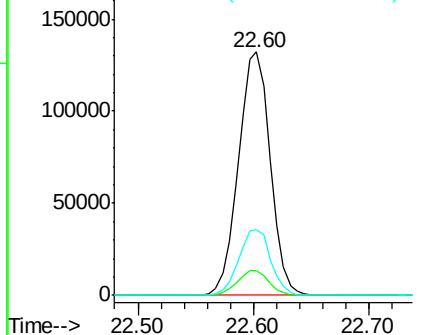
Tot Ion:	240	Resp:	251613
Ion Ratio		Lower	Upper
240	100		
120	10.0	6.8	10.2
236	26.8	20.9	31.3

Manual Integrations
APPROVED

Sohil
3/15/2018 7:00:20 PM



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: 114.393 ng

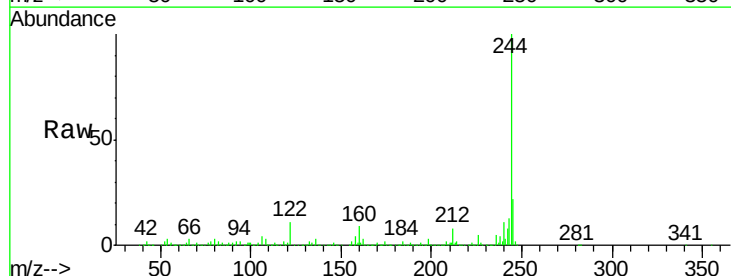
RT: 20.76 min Scan# 2975

Delta R.T. 0.00 min

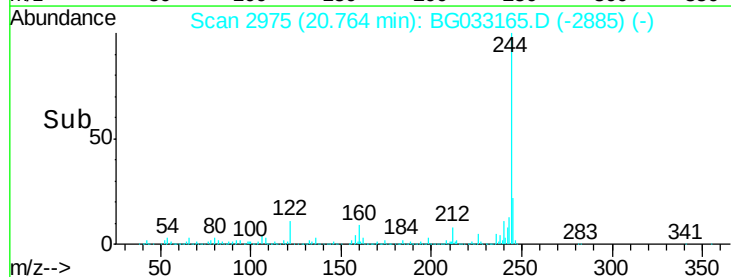
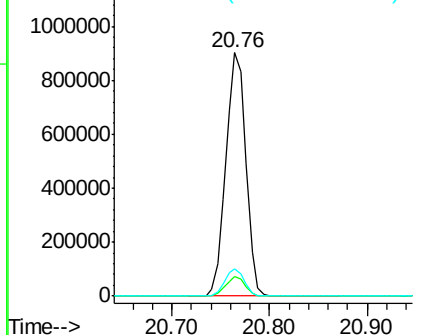
Lab File: BG033165.D

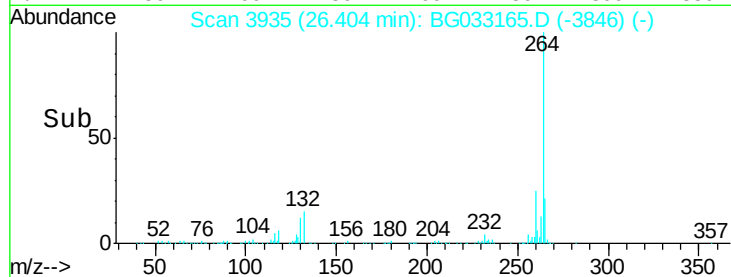
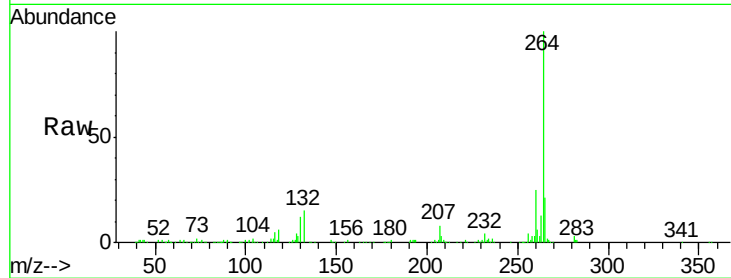
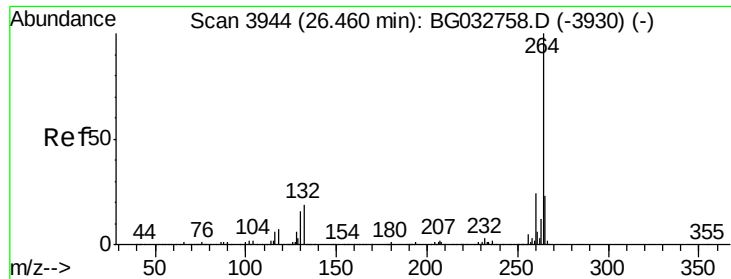
Acq: 15 Mar 2018 4:30

Tgt Ion:	244	Resp:	1281096
Ion Ratio		Lower	Upper
244	100		
212	8.3	5.8	8.8
122	11.0	7.0	10.4#



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
Pervlene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3935
Delta R.T. -0.01 min
Lab File: BG033165.D
Acq: 15 Mar 2018 4:30

Instrument :
BNA_G
ClientSampleId :
CL-01-031318-A

Tot Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	25.2	17.4	26.0
265	20.8	17.7	26.5

Manual Integrations
APPROVED

Sohil
3/15/2018 7:00:20 PM

