

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011218\
 Data File : BG032031.D
 Acq On : 13 Jan 2018 9:32
 Operator : SJ/JU
 Sample : J1015-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-011118-C

Manual Integrations
 APPROVED

Sohil
 1/15/2018 4:23:53 PM

Quant Time: Jan 15 10:27:00 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	60458	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	246818	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	164317	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	409923	20.00	ng	0.00
75) Chrysene-d12	22.47	240	461565	20.00	ng	-0.01
86) Perylene-d12	26.20	264	482862	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	417814	126.39	ng	0.00
7) Phenol-d6	7.88	99	453735	108.99	ng	0.00
23) Nitrobenzene-d5	9.97	82	347060	95.13	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	361754	133.04	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1202824	90.77	ng	0.00
78) Terphenyl-d14	20.67	244	2036103	97.40	ng	0.00
Target Compounds						
32) Benzoic acid	10.82	122	8307m	7.951	ng	Qvalue

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

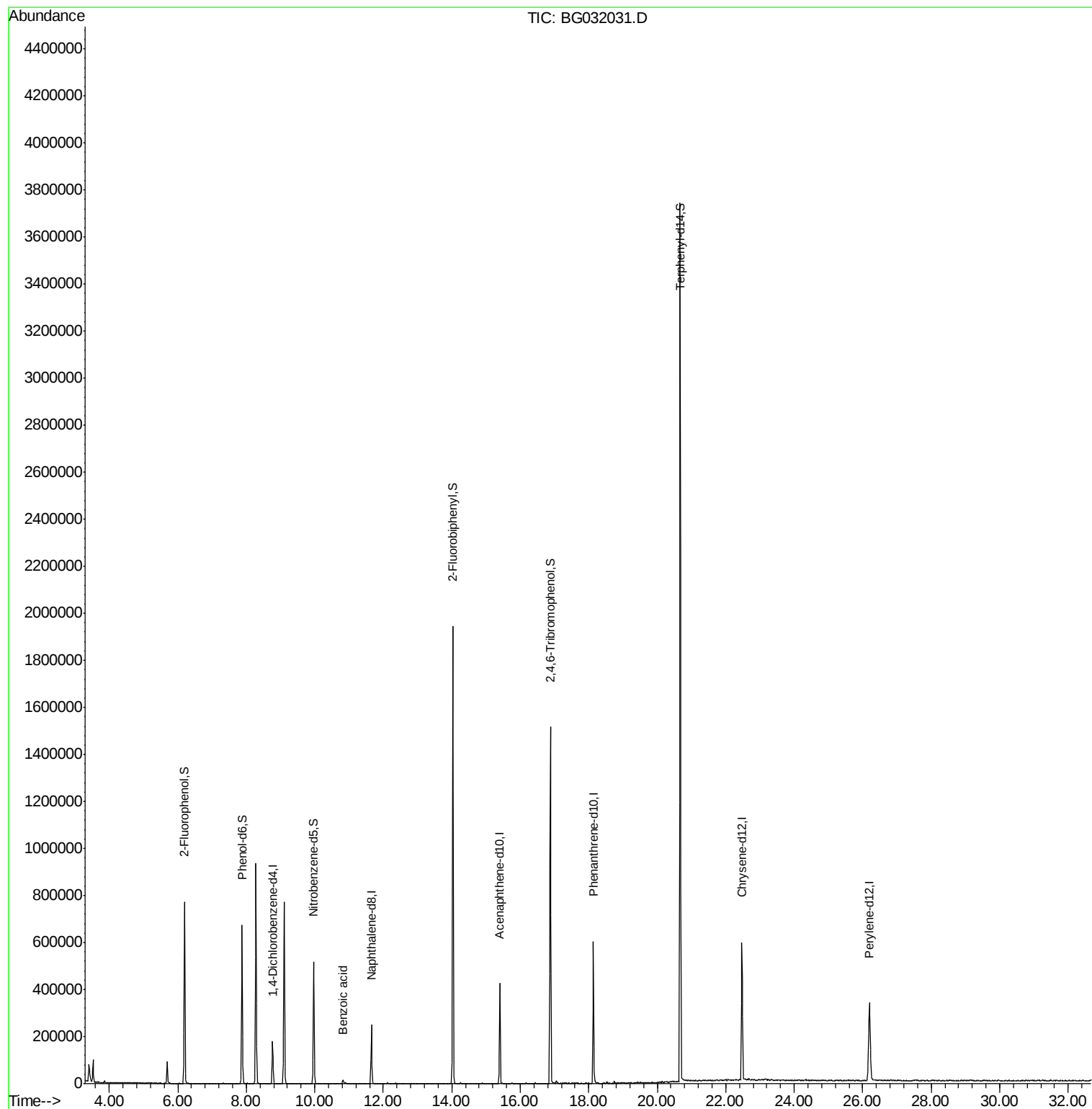
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032031.D
Acq On : 13 Jan 2018 9:32
Operator : SJ/JU
Sample : J1015-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

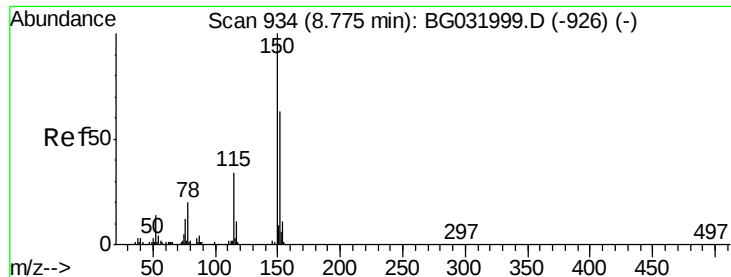
Instrument :
BNA_G
ClientSampleId :
CL-02-011118-C

Manual Integrations
APPROVED

Sohil
1/15/2018 4:23:53 PM

Quant Time: Jan 15 10:27:00 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration





#1

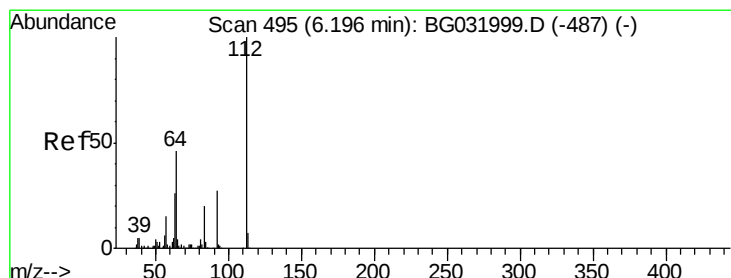
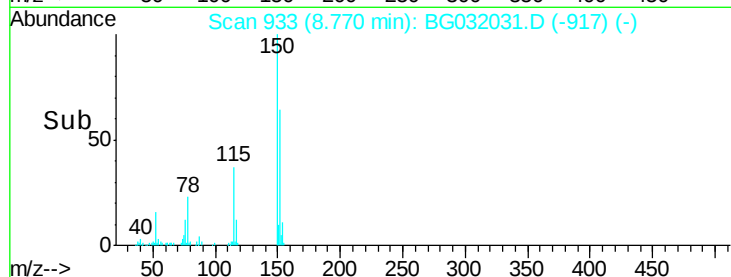
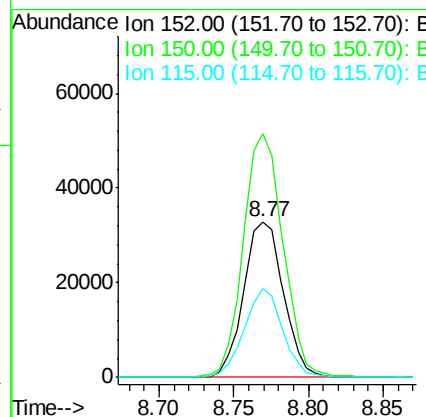
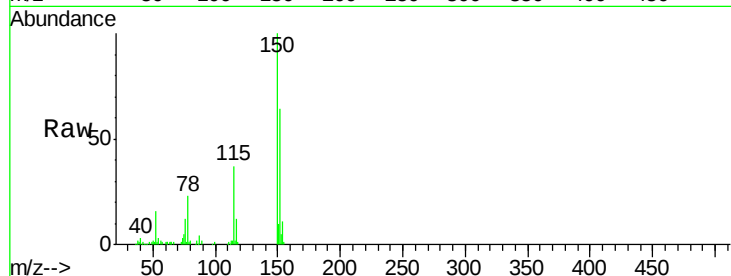
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Instrument :
BNA_G
ClientSampleId :
CL-02-011118-C

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.6	189.8
115	57.3	53.0	79.4

Manual Integrations
APPROVED

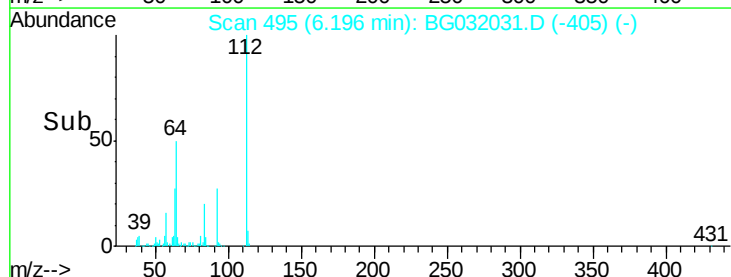
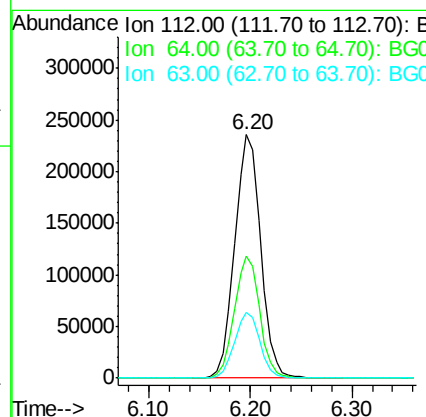
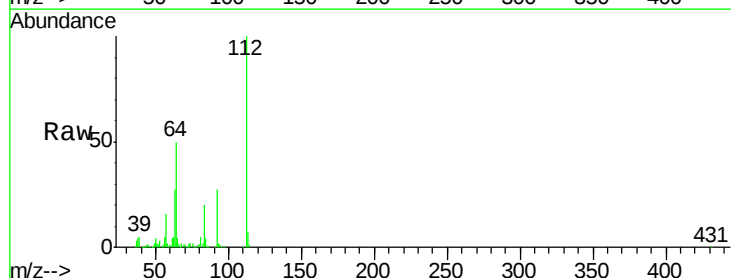
Sohil
1/15/2018 4:23:53 PM

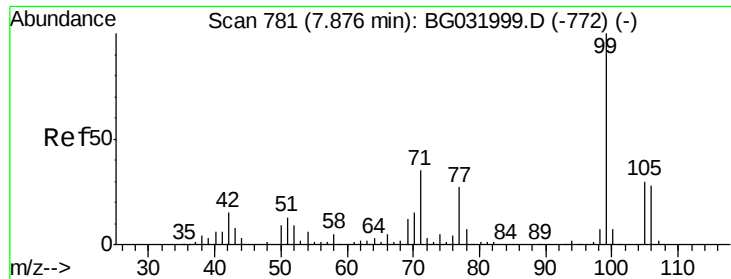


#5

2-Fluorophenol
Concen: 126.394 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.3	56.3	84.5#
63	26.7	30.1	45.1#





#7

Phenol-d6

Concen: 108.986 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032031.D

Acq: 13 Jan 2018 9:32

Instrument :

BNA_G

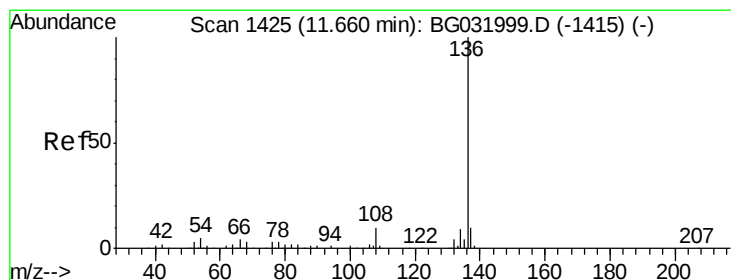
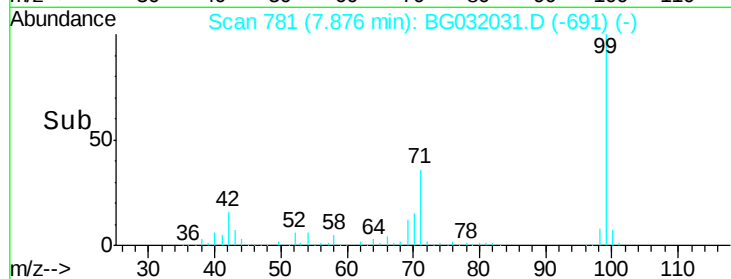
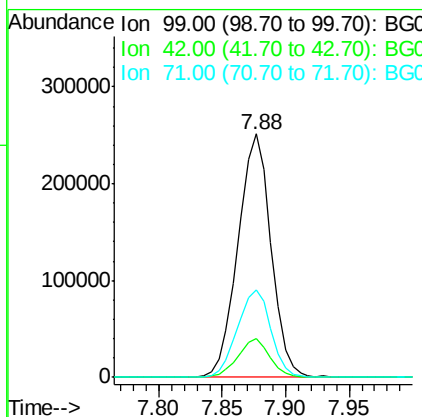
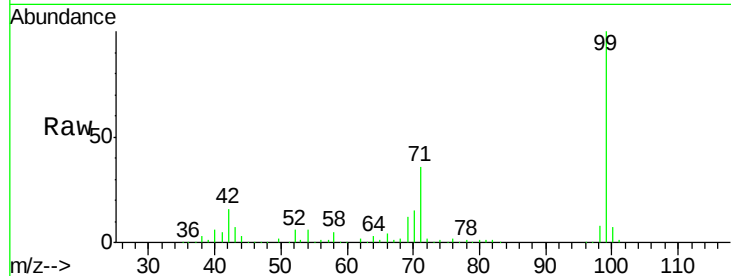
ClientSampleId :

CL-02-011118-C

Tgt Ion:	99	Resp:	453735
Ion Ratio	Lower	Upper	
99	100		
42	15.8	14.1	21.1
71	35.9	26.1	39.1

Manual Integrations
APPROVED

Sohil
1/15/2018 4:23:53 PM



#21

Naphthalene-d8

Concen: 20.000 ng

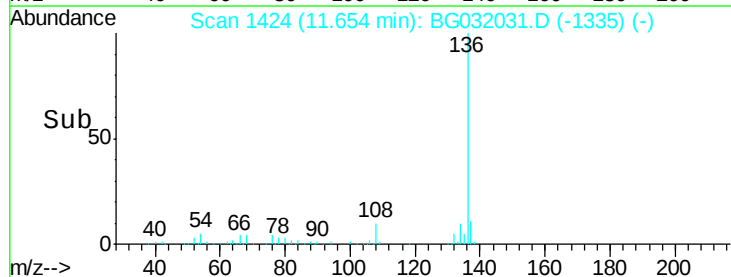
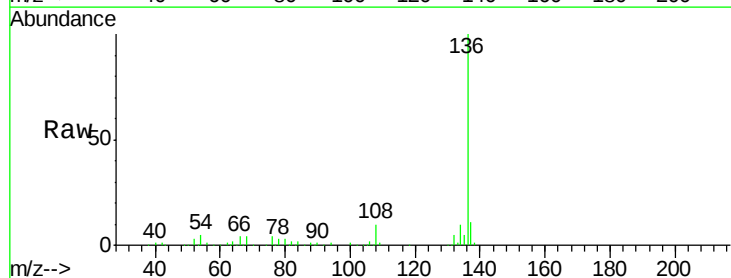
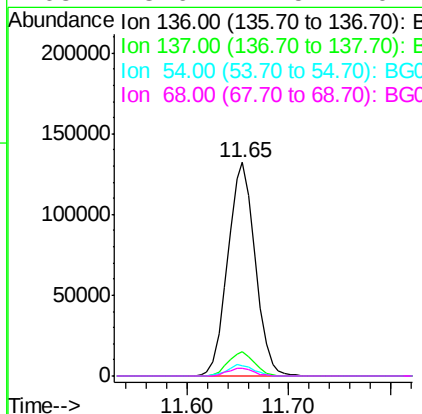
RT: 11.65 min Scan# 1424

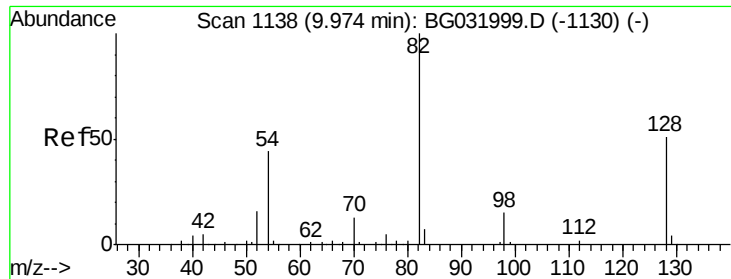
Delta R.T. -0.01 min

Lab File: BG032031.D

Acq: 13 Jan 2018 9:32

Tgt Ion:	136	Resp:	246818
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.2	13.8
54	5.0	10.3	15.5#
68	3.6	4.5	6.7#





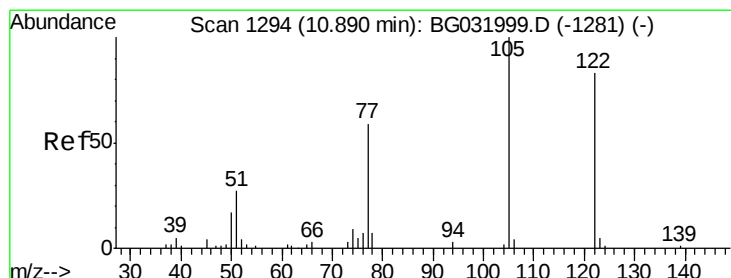
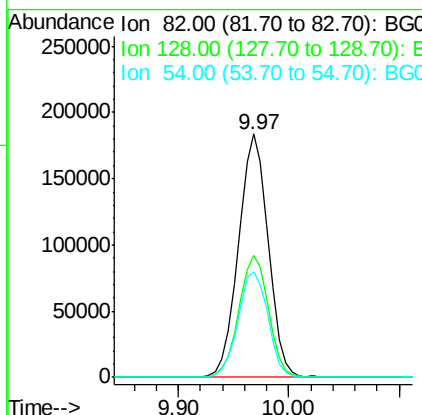
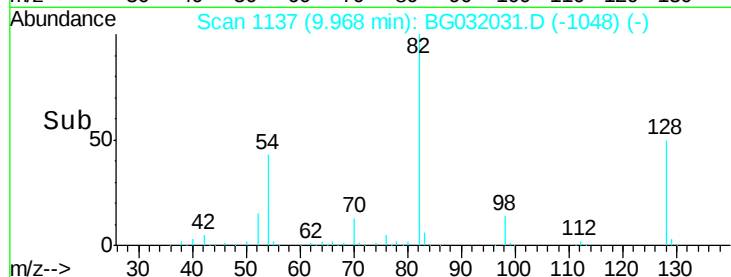
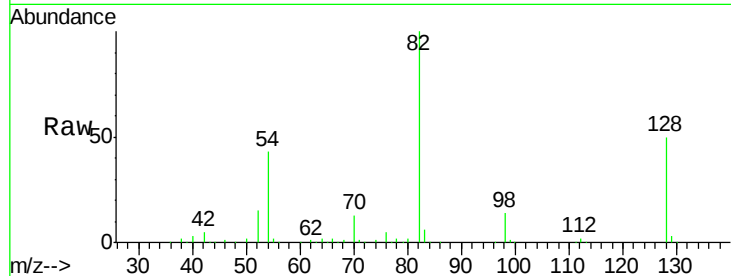
#23
Nitrobenzene-d5
Concen: 95.131 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Instrument :
BNA_G
ClientSampleId :
CL-02-011118-C

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	50.3	29.7	44.5#
54	43.1	43.1	64.7#

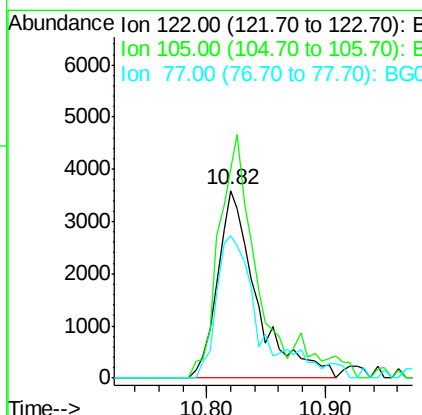
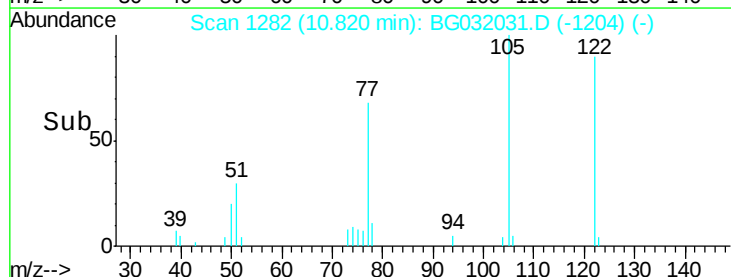
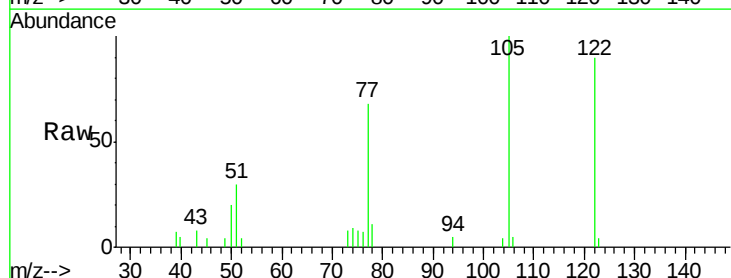
Manual Integrations
APPROVED

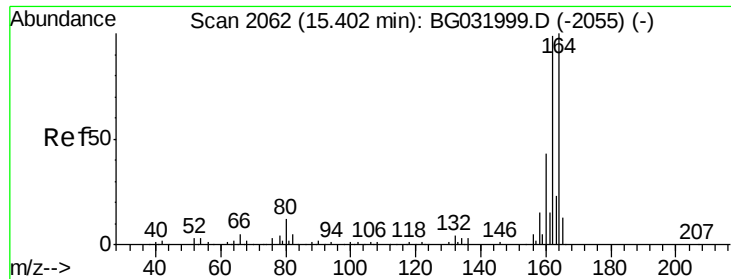
Sohil
1/15/2018 4:23:53 PM



#32
Benzoic acid
Concen: 7.951 ng m
RT: 10.82 min Scan# 1282
Delta R.T. -0.07 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	111.6	123.5	163.5#
77	76.0	85.7	125.7#





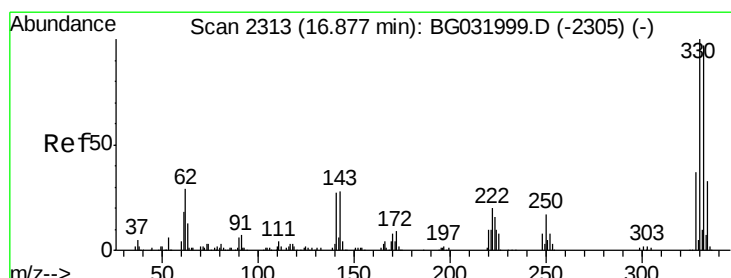
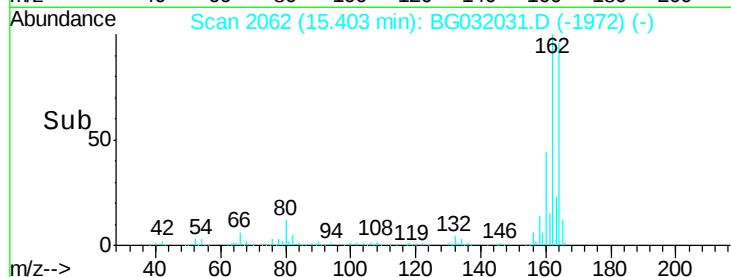
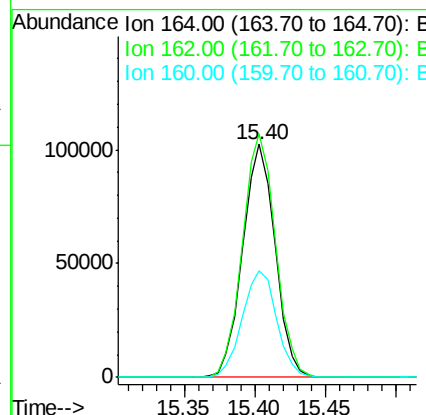
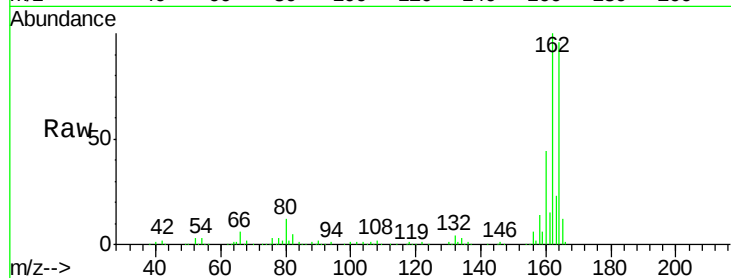
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Instrument :
BNA_G
ClientSampleId :
CL-02-011118-C

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	164317		
162	104.4	78.8	118.2	
160	45.9	35.4	53.0	

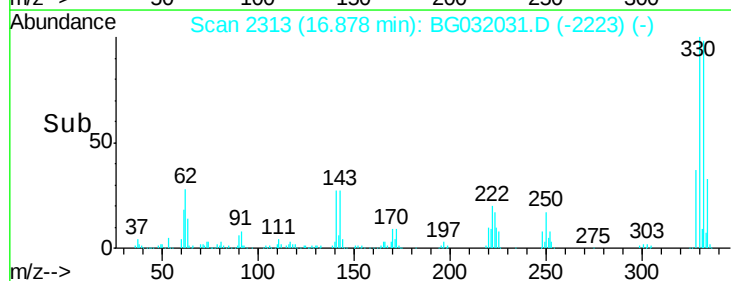
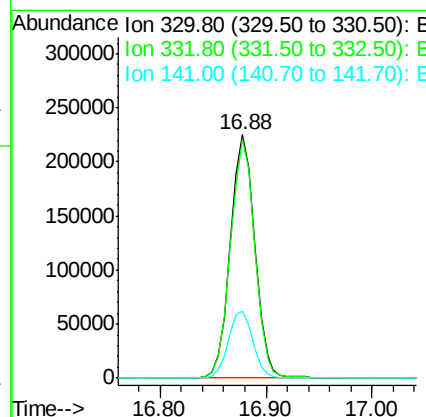
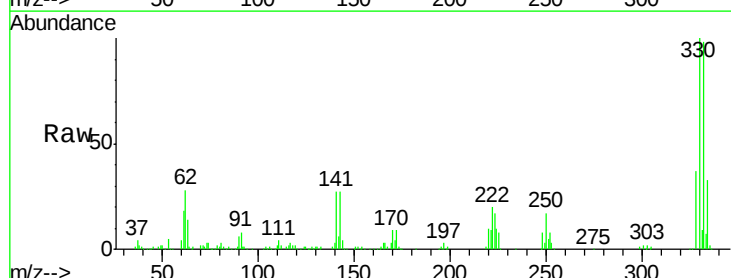
Manual Integrations
APPROVED

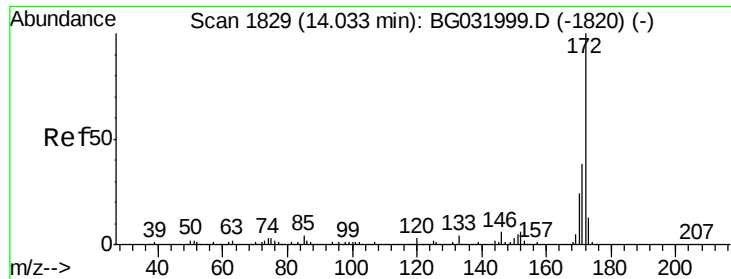
Sohil
1/15/2018 4:23:53 PM



#41
2,4,6-Tribromophenol
Concen: 133.044 ng
RT: 16.88 min Scan# 2313
Delta R.T. 0.00 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	361754		
332	96.9	77.0	115.6	
141	27.6	25.2	37.8	





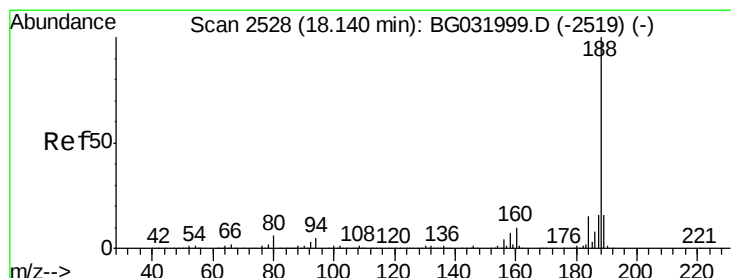
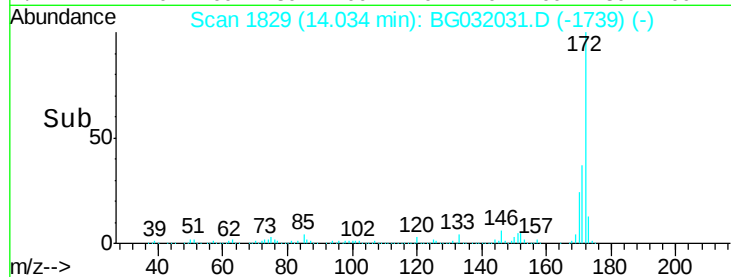
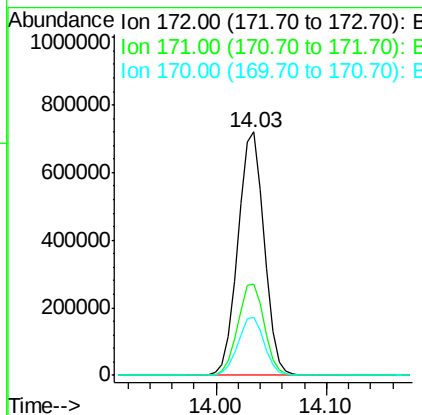
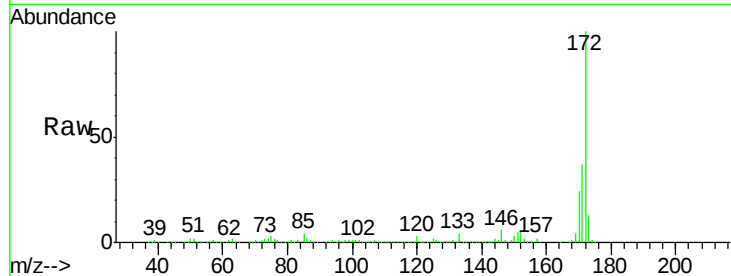
#44
 2-Fluorobiphenyl
 Concen: 90.766 ng
 RT: 14.03 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BG032031.D
 Acq: 13 Jan 2018 9:32

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-011118-C

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.1	19.5	29.3

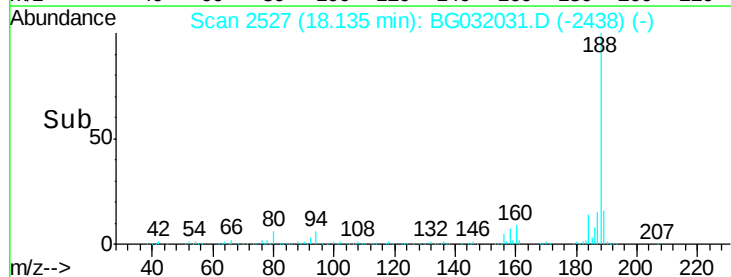
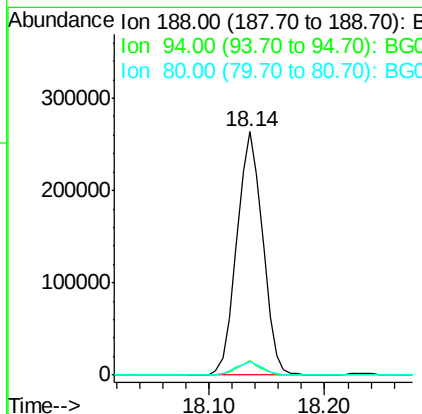
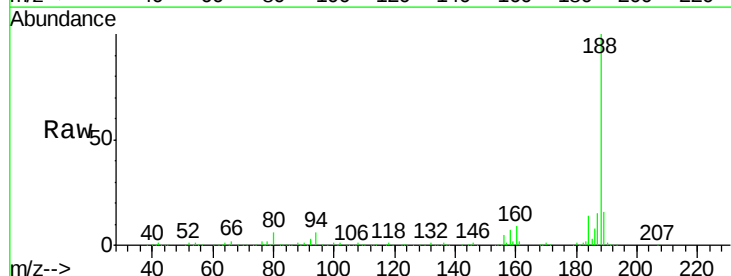
Manual Integrations
 APPROVED

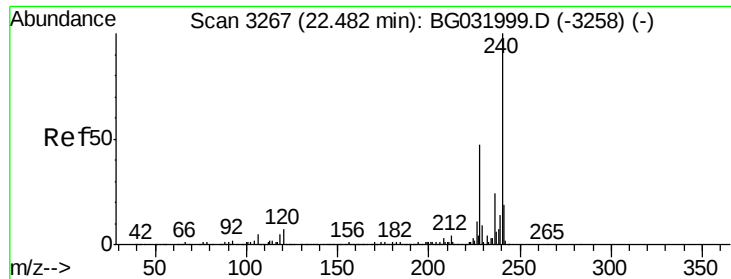
Sohil
 1/15/2018 4:23:53 PM



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.14 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG032031.D
 Acq: 13 Jan 2018 9:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	5.6	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.47 min Scan# 3265

Delta R.T. -0.01 min

Lab File: BG032031.D

Acq: 13 Jan 2018 9:32

Instrument :

BNA_G

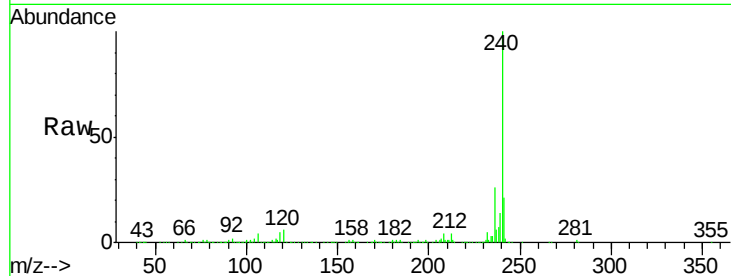
ClientSampleId :

CL-02-011118-C

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	26.1	20.9	31.3

Manual Integrations
APPROVED

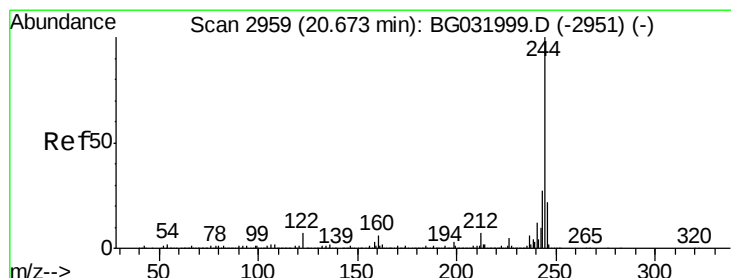
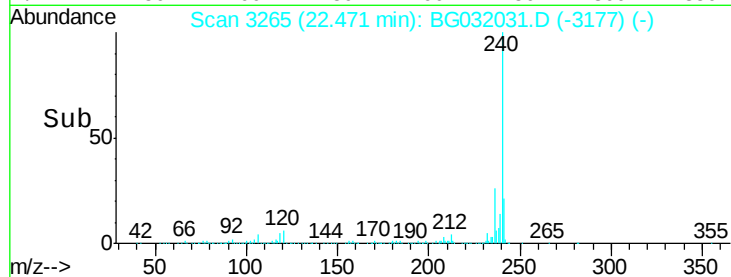
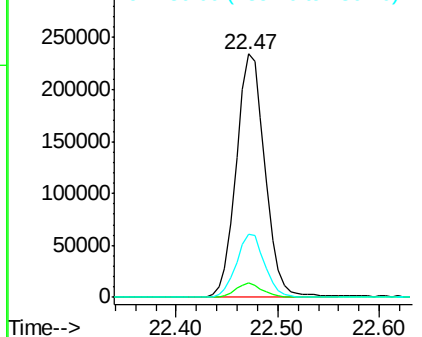
Sohil
1/15/2018 4:23:53 PM



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: 97.404 ng

RT: 20.67 min Scan# 2958

Delta R.T. -0.01 min

Lab File: BG032031.D

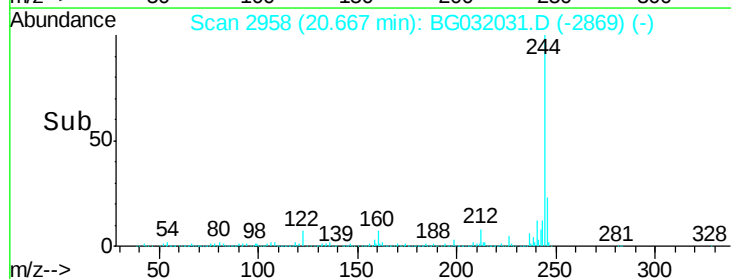
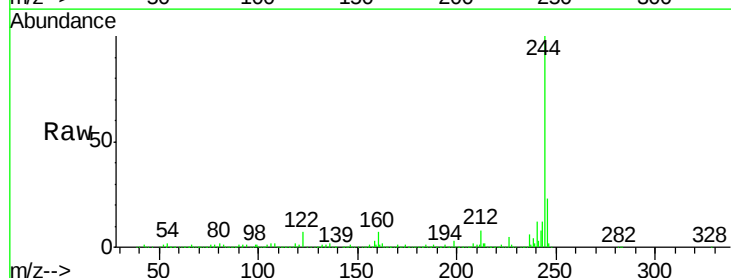
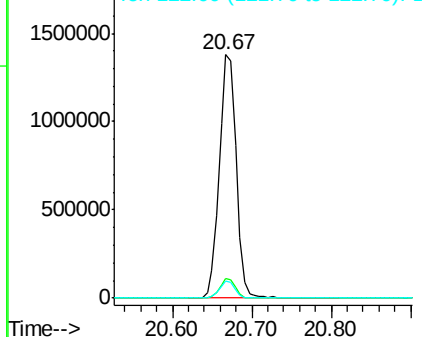
Acq: 13 Jan 2018 9:32

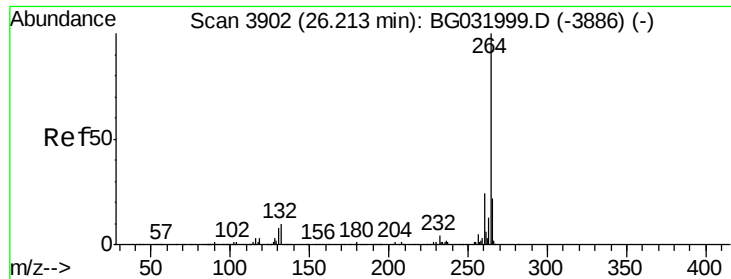
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	7.1	7.0	10.4

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





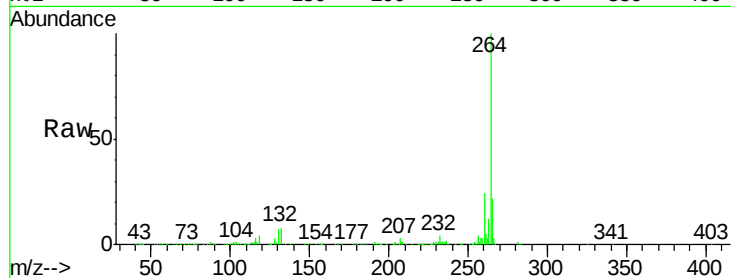
#86
Perylene-d12
Concen: 20.000 ng
RT: 26.20 min Scan# 3899
Delta R.T. -0.02 min
Lab File: BG032031.D
Acq: 13 Jan 2018 9:32

Instrument :
BNA_G
ClientSampleId :
CL-02-011118-C

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.0	17.4	26.0
265	21.8	17.7	26.5

Manual Integrations
APPROVED

Sohil
1/15/2018 4:23:53 PM



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

