

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111517\
 Data File : BG031033.D
 Acq On : 16 Nov 2017 4:25
 Operator : SJ/JU
 Sample : I6478-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-A

Manual Integrations
 APPROVED

SOHIL
 11/16/2017 6:29:21 PM

Quant Time: Nov 16 08:27:25 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	34749	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	131946	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	92477	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	275923	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	408610	20.00	ng	-0.01
86) Perylene-d12	25.07	264	401511	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	254409	125.54	ng	0.00
7) Phenol-d6	7.31	99	277765	101.74	ng	0.00
23) Nitrobenzene-d5	9.31	82	218192	97.99	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	279187	186.63	ng	-0.01
44) 2-Fluorobiphenyl	13.39	172	673431	104.64	ng	-0.01
78) Terphenyl-d14	20.09	244	1683205	90.96	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	87995	13.566	ng	96
37) 2-Methylnaphthalene	12.61	142	13295m	2.655	ng	
70) Phenanthrene	17.54	178	30742	2.140	ng	96

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

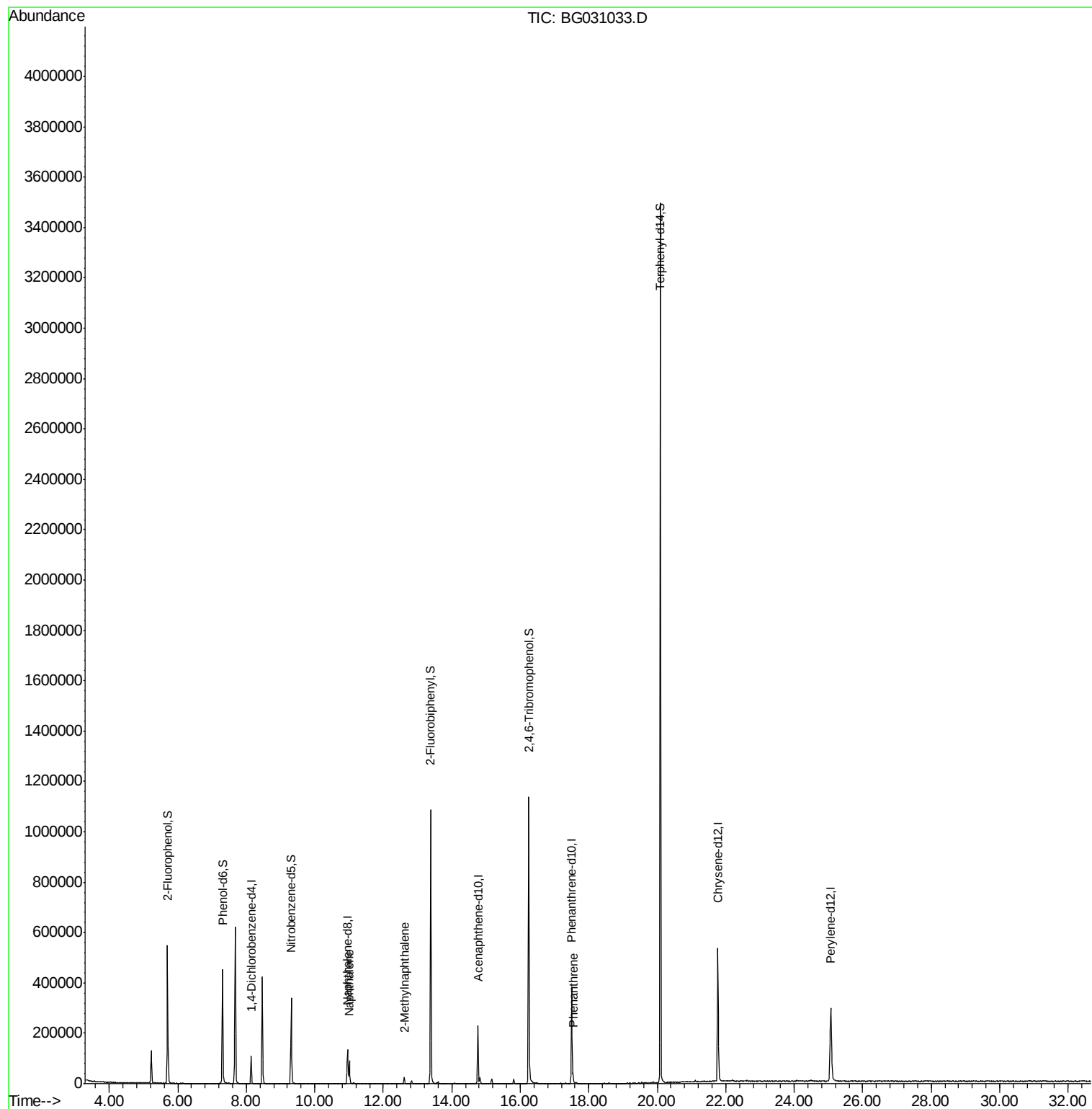
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111517\
Data File : BG031033.D
Acq On : 16 Nov 2017 4:25
Operator : SJ/JU
Sample : I6478-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

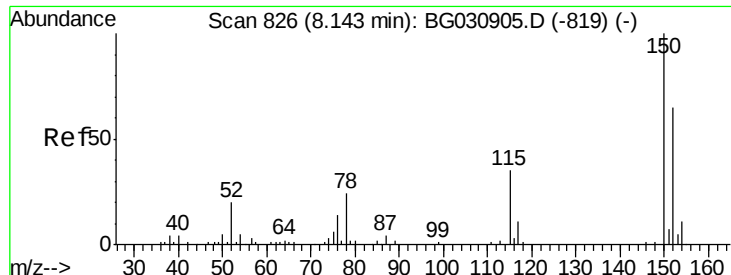
Instrument :
BNA_G
ClientSampleId :
SP-1-A

Manual Integrations
APPROVED

SOHIL
11/16/2017 6:29:21 PM

Quant Time: Nov 16 08:27:25 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration





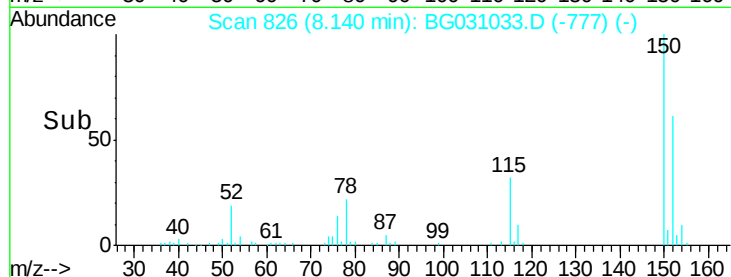
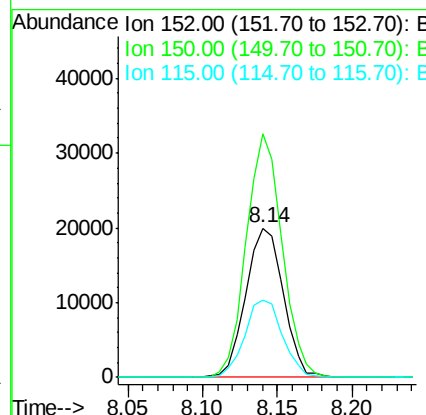
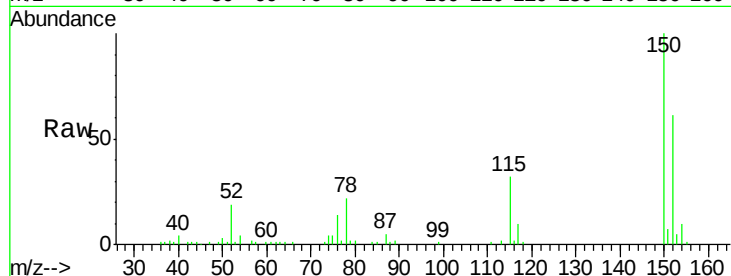
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG031033.D
 Acq: 16 Nov 2017 4:25

Instrument :
 BNA_G
 ClientSampled :
 SP-1-A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.1	126.6	189.8
115	51.7	53.0	79.4#

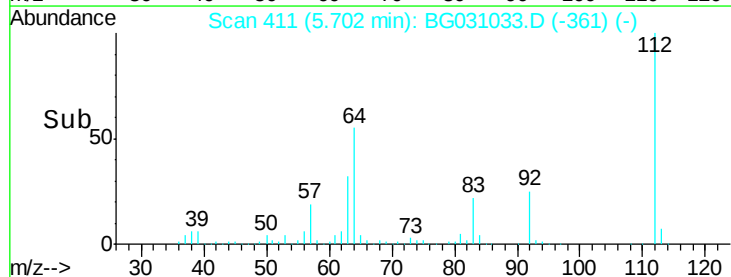
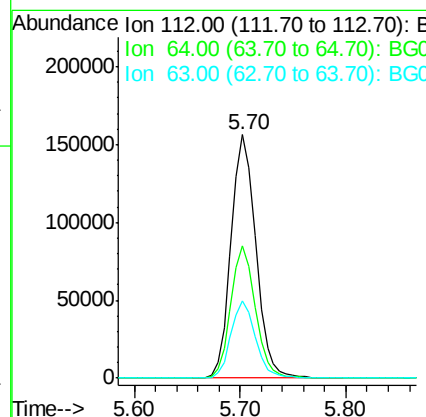
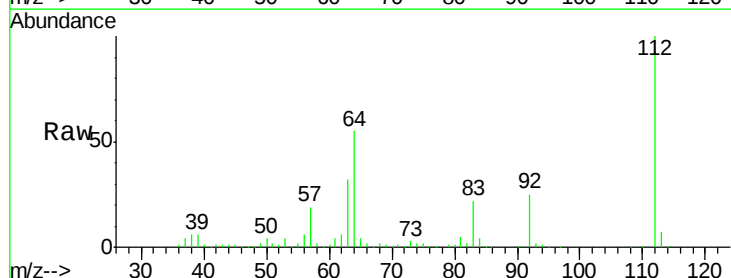
Manual Integrations
 APPROVED

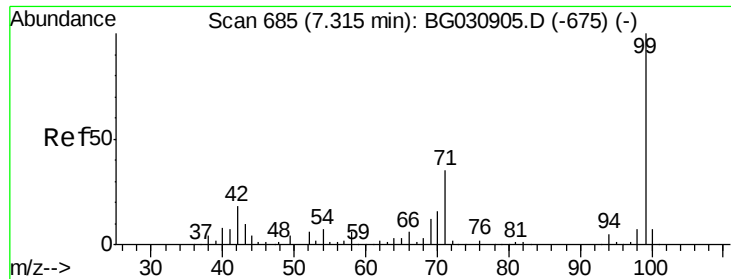
SOHIL
 11/16/2017 6:29:21 PM



#5
 2-Fluorophenol
 Concen: 125.543 ng
 RT: 5.70 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BG031033.D
 Acq: 16 Nov 2017 4:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	56.3	84.5#
63	31.5	30.1	45.1





#7

Phenol-d6

Concen: 101.742 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG031033.D

Acq: 16 Nov 2017 4:25

Instrument :

BNA_G

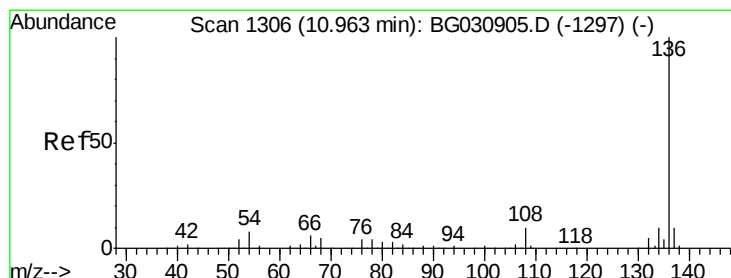
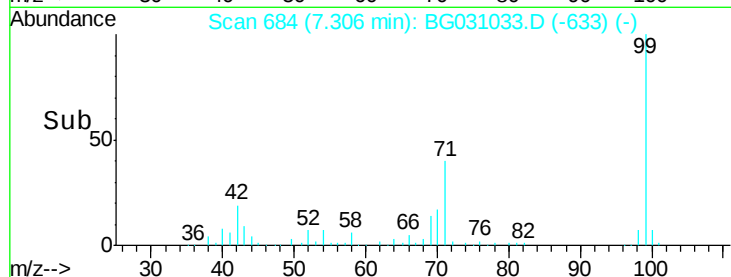
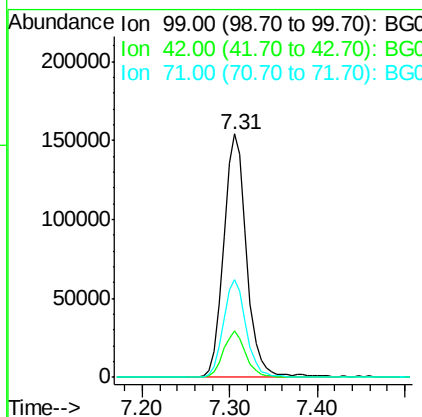
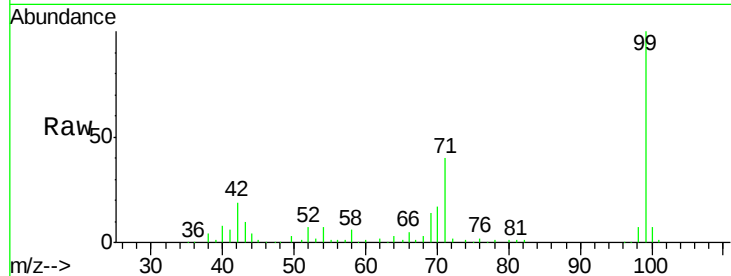
ClientSampleId :

SP-1-A

Tgt Ion:	99	Resp:	277765
Ion Ratio	Lower	Upper	
99	100		
42	19.3	14.1	21.1
71	40.2	26.1	39.1#

Manual Integrations
APPROVED

SOHIL
11/16/2017 6:29:21 PM



#21

Naphthalene-d8

Concen: 20.000 ng

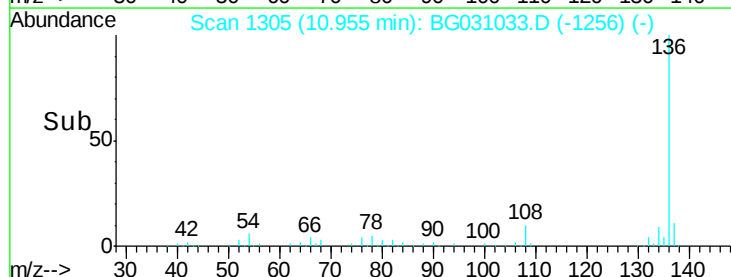
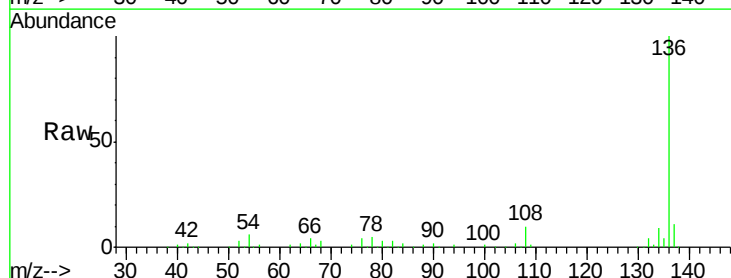
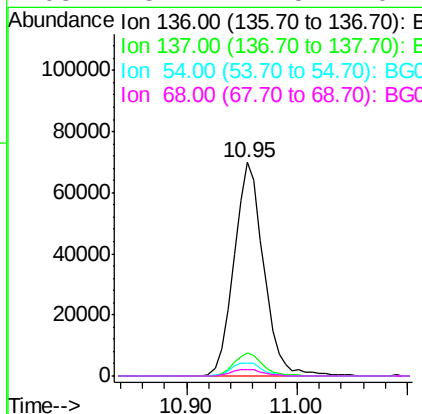
RT: 10.95 min Scan# 1305

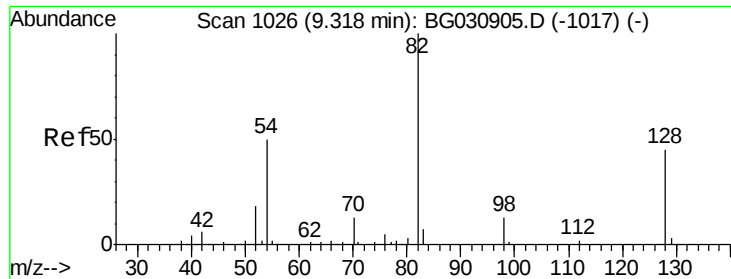
Delta R.T. -0.01 min

Lab File: BG031033.D

Acq: 16 Nov 2017 4:25

Tgt Ion:	136	Resp:	131946
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.2	13.8
54	6.3	10.3	15.5#
68	3.2	4.5	6.7#





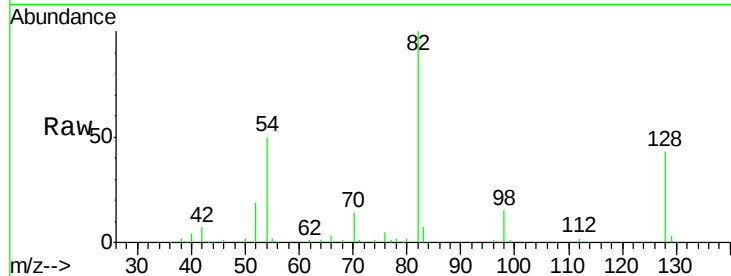
#23
Nitrobenzene-d5
Concen: 97.989 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG031033.D
Acq: 16 Nov 2017 4:25

Instrument :
BNA_G
ClientSampled :
SP-1-A

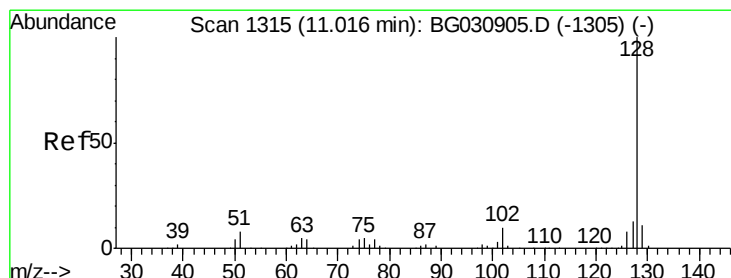
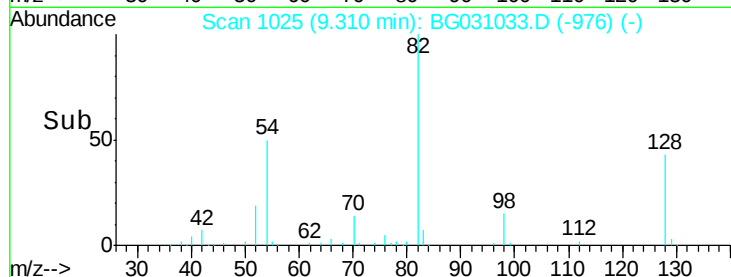
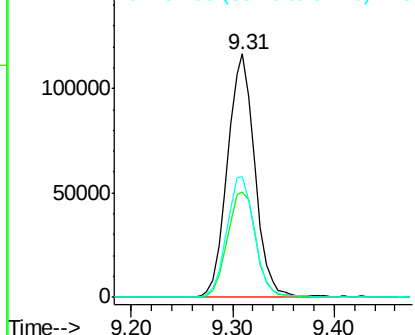
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	218192		
128	43.5	29.7	44.5	
54	49.7	43.1	64.7	

Manual Integrations
APPROVED

SOHIL
11/16/2017 6:29:21 PM

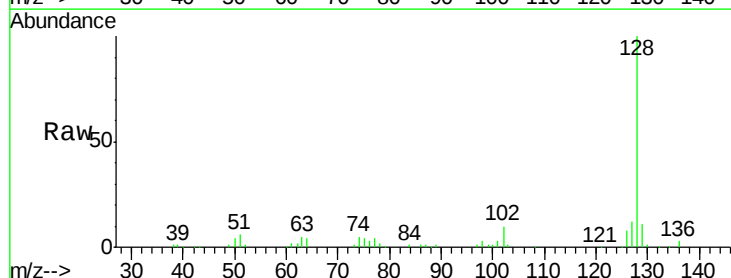


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

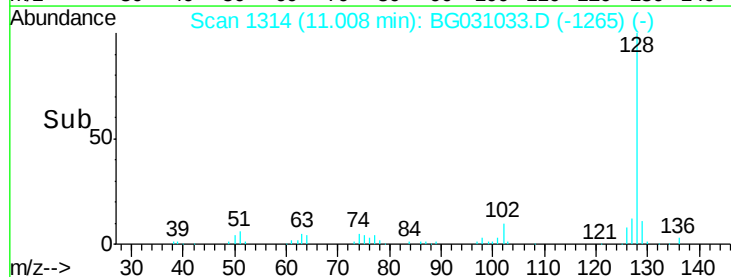
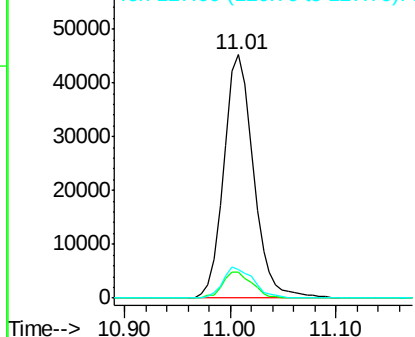


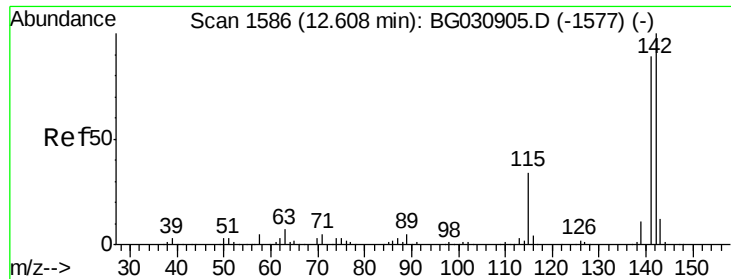
#31
Naphthalene
Concen: 13.566 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG031033.D
Acq: 16 Nov 2017 4:25

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	87995		
129	10.8	8.6	12.8	
127	11.7	11.6	17.4	



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





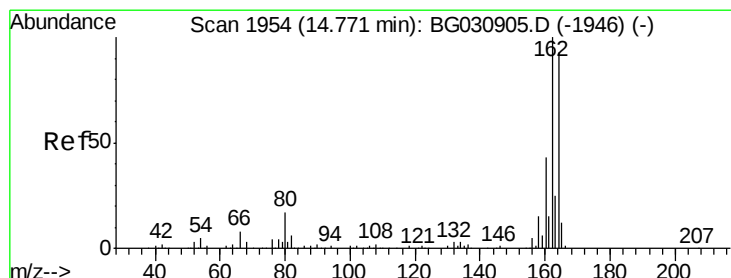
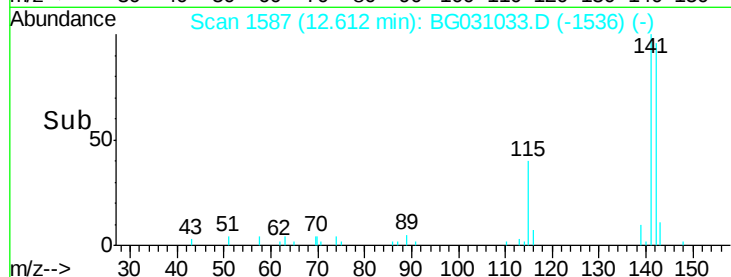
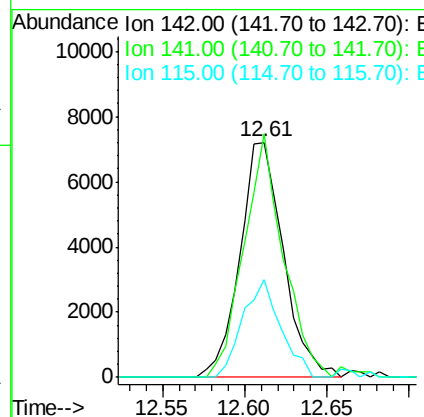
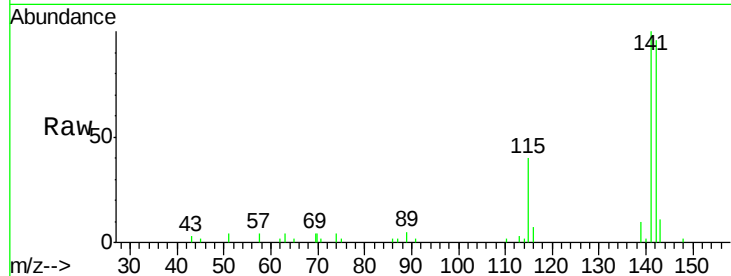
#37
2-Methylnaphthalene
Concen: 2.655 ng m
RT: 12.61 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BG031033.D
Acq: 16 Nov 2017 4:25

Instrument :
BNA_G
ClientSampled :
SP-1-A

Tgt Ion	Ratio	Lower	Upper
142	100		
141	103.8	67.1	100.7#
115	41.9	30.7	46.1

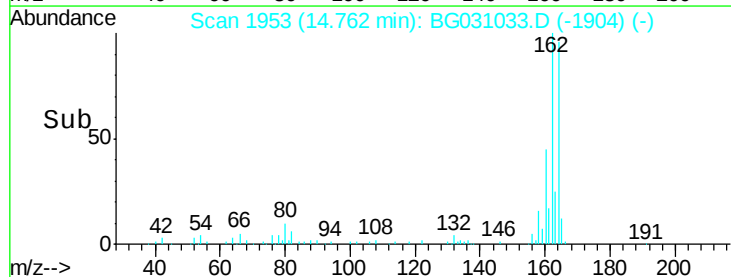
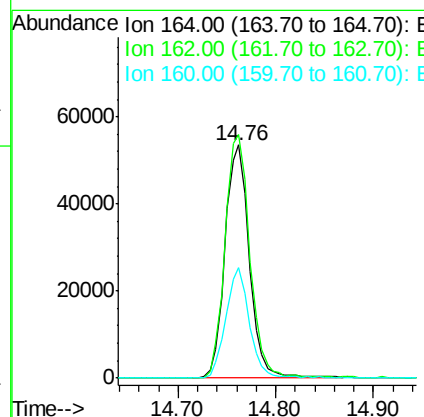
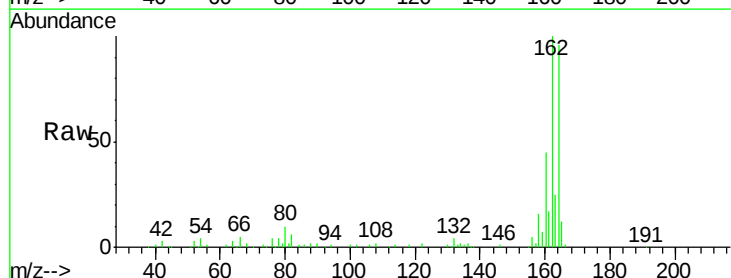
Manual Integrations
APPROVED

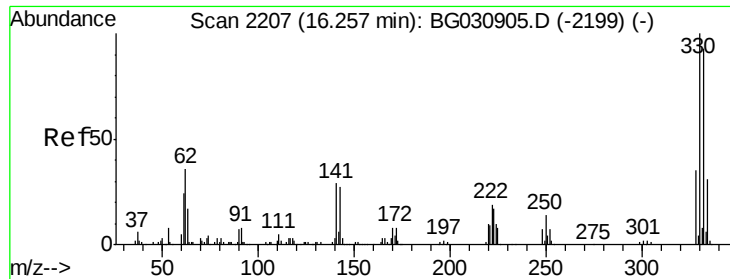
SOHIL
11/16/2017 6:29:21 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG031033.D
Acq: 16 Nov 2017 4:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	78.8	118.2
160	47.3	35.4	53.0





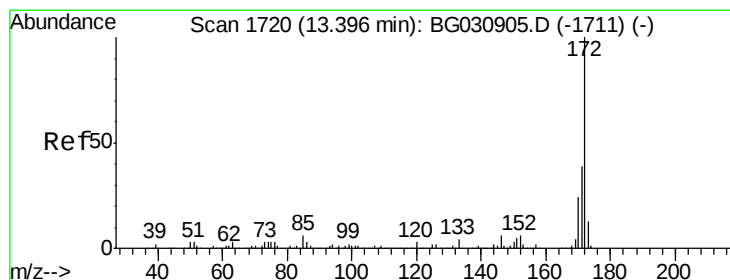
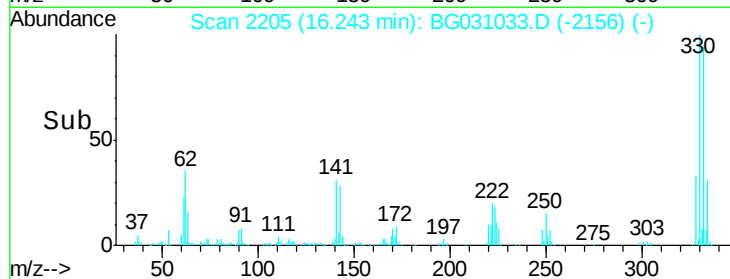
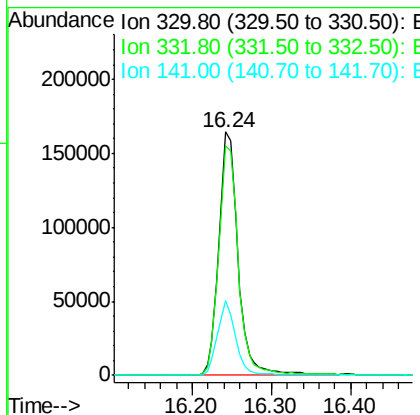
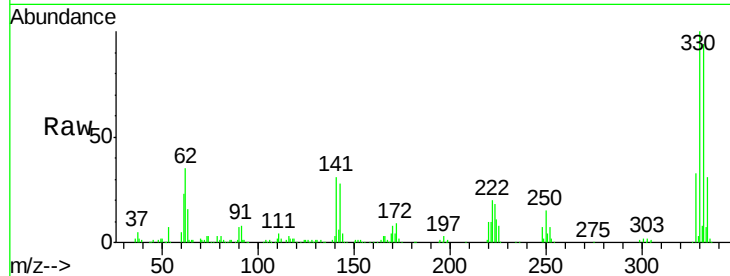
#41
 2,4,6-Tribromophenol
 Concen: 186.625 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031033.D
 Acq: 16 Nov 2017 4:25

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-A

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	279187		
332	95.7	77.0	115.6	
141	28.7	25.2	37.8	

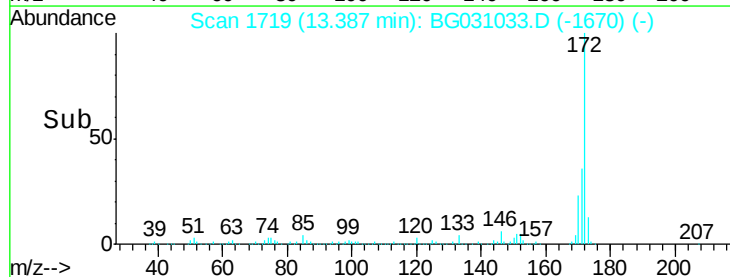
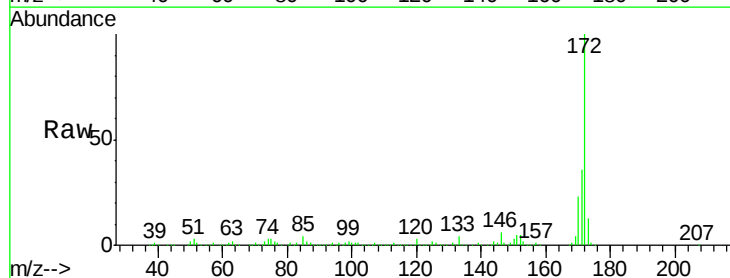
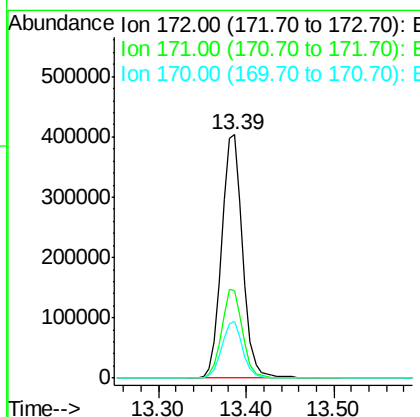
Manual Integrations
 APPROVED

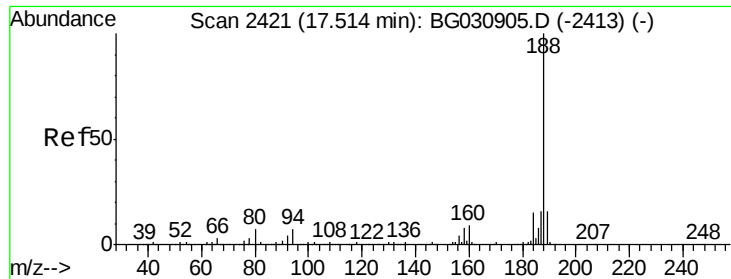
SOHIL
 11/16/2017 6:29:21 PM



#44
 2-Fluorobiphenyl
 Concen: 104.636 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG031033.D
 Acq: 16 Nov 2017 4:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	673431		
171	36.1	30.0	45.0	
170	23.4	19.5	29.3	





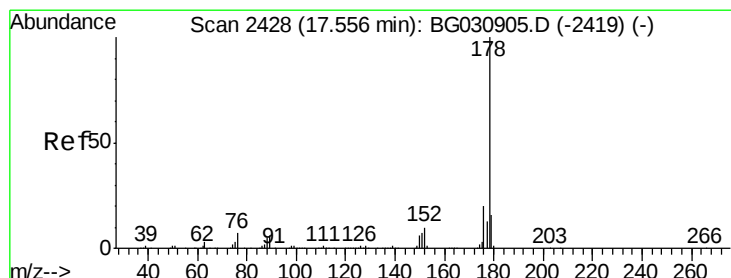
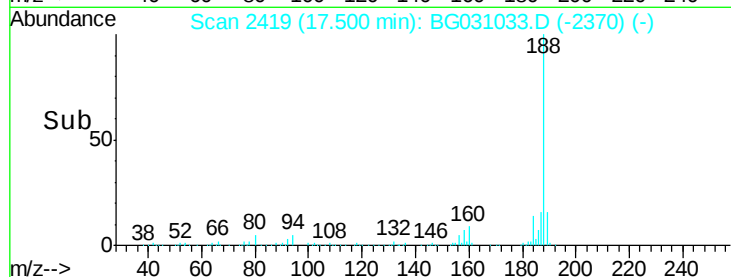
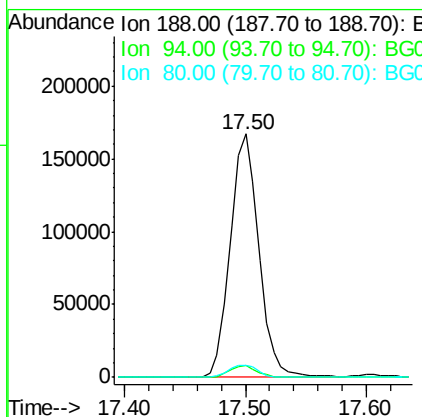
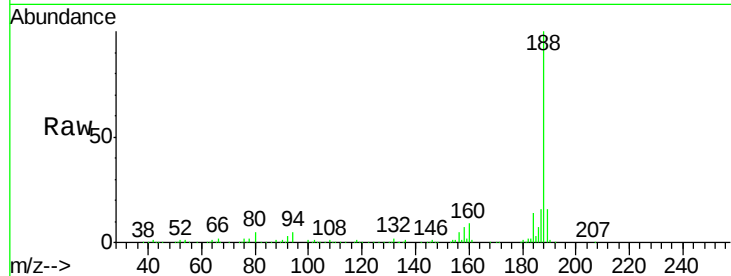
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG031033.D
Acq: 16 Nov 2017 4:25

Instrument :
BNA_G
ClientSampleId :
SP-1-A

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	4.9	6.9	10.3#
80	5.0	7.7	11.5#

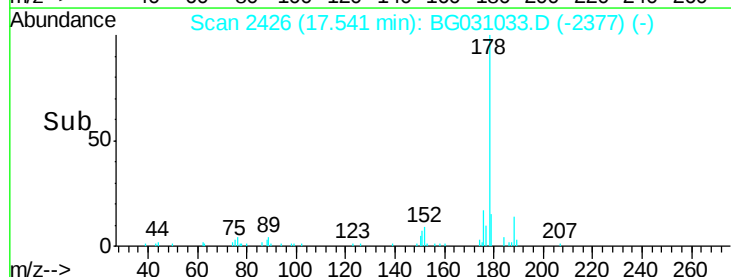
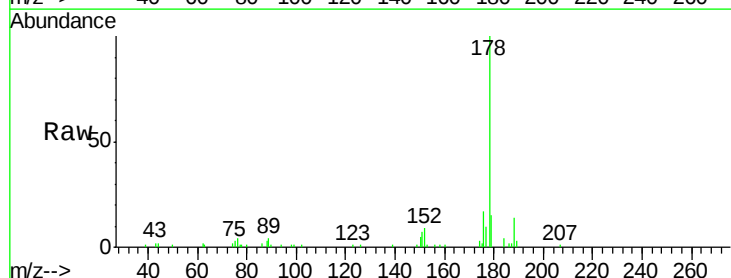
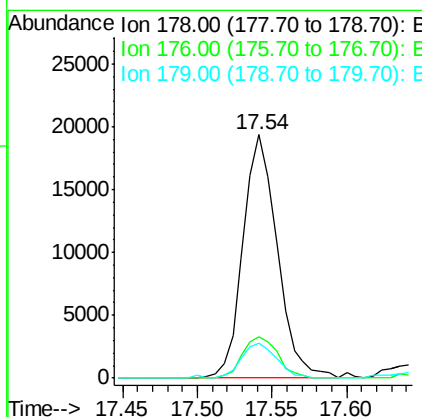
Manual Integrations
APPROVED

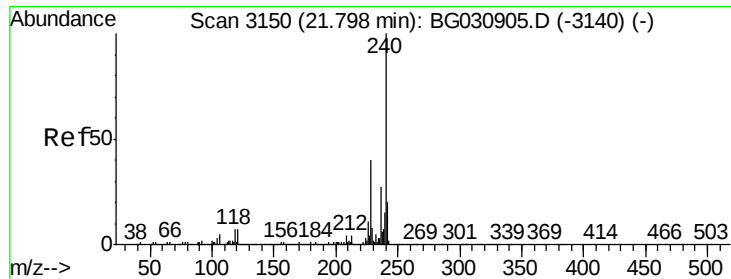
SOHIL
11/16/2017 6:29:21 PM



#70
Phenanthrene
Concen: 2.140 ng
RT: 17.54 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG031033.D
Acq: 16 Nov 2017 4:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	17.2	15.7	23.5
179	14.6	12.5	18.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG031033.D

Acq: 16 Nov 2017 4:25

Instrument :

BNA_G

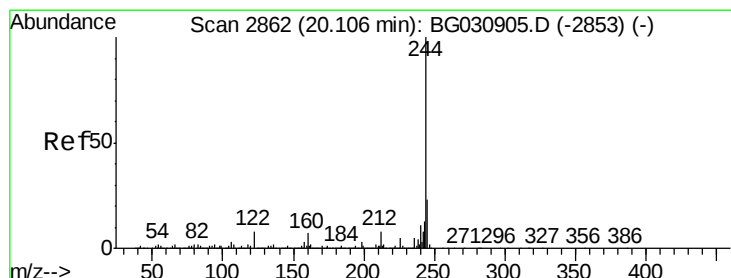
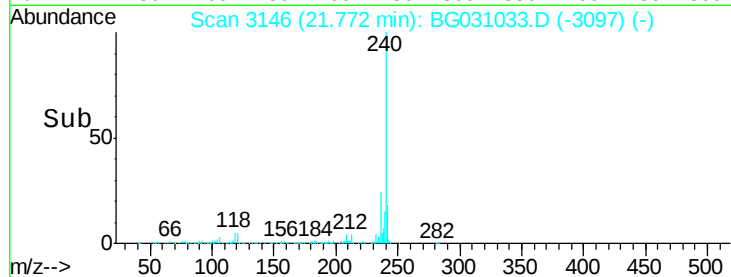
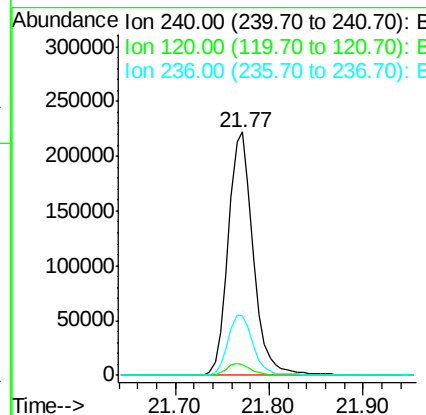
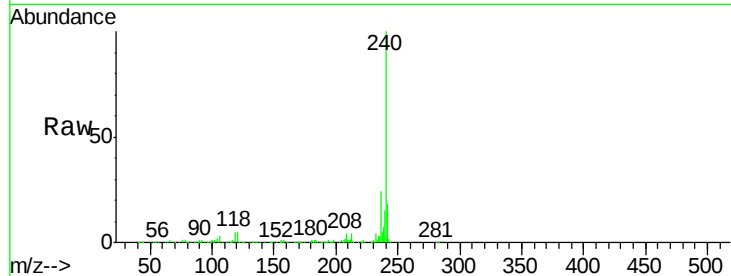
ClientSampleId :

SP-1-A

Tgt Ion:	240	Resp:	408610
Ion Ratio		Lower	Upper
240	100		
120	4.5	6.8	10.2#
236	24.4	20.9	31.3

Manual Integrations
APPROVED

SOHIL
11/16/2017 6:29:21 PM



#78

Terphenyl-d14

Concen: 90.959 ng

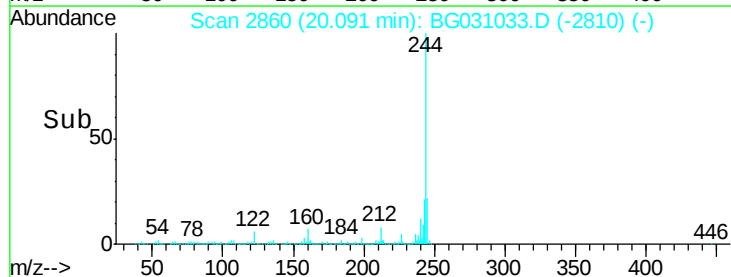
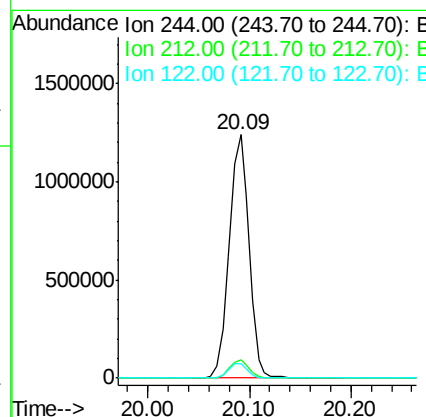
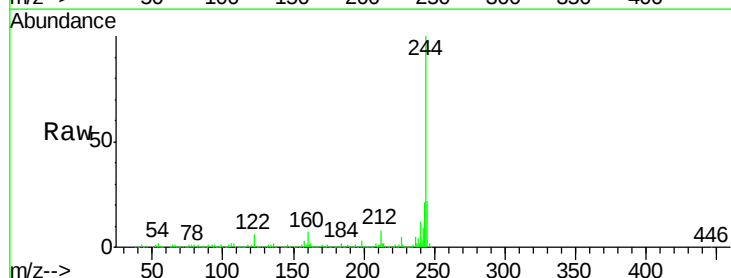
RT: 20.09 min Scan# 2860

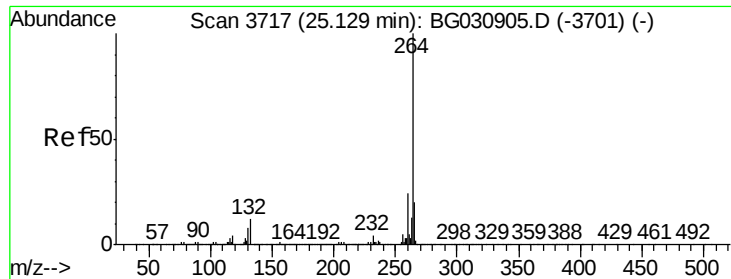
Delta R.T. -0.01 min

Lab File: BG031033.D

Acq: 16 Nov 2017 4:25

Tgt Ion:	244	Resp:	1683205
Ion Ratio		Lower	Upper
244	100		
212	7.8	5.8	8.8
122	6.2	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.02 min
Lab File: BG031033.D
Acq: 16 Nov 2017 4:25

Instrument :
BNA_G
ClientSampleId :
SP-1-A

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		401511		
260	23.9	17.4	26.0		
265	22.0	17.7	26.5		

Manual Integrations
APPROVED

SOHIL
11/16/2017 6:29:21 PM

