

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
 Data File : BG033128.D
 Acq On : 13 Mar 2018 20:50
 Operator : SJ/JU
 Sample : PB107310BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107310BSD

Manual Integrations
 APPROVED

Sohil

3/14/2018 1:31:42 PM

Quant Time: Mar 14 16:17:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	47563	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	206098	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	111467	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	234437	20.00	ng	0.00
75) Chrysene-d12	22.61	240	231663	20.00	ng	0.00
86) Perylene-d12	26.41	264	251918	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.34	112	239264	80.48	ng	0.01
7) Phenol-d6	8.02	99	314558	75.91	ng	0.02
23) Nitrobenzene-d5	10.11	82	277025	92.31	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	84339	71.96	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	583254	75.47	ng	0.00
78) Terphenyl-d14	20.77	244	763167	74.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.96	88	35280	27.344	ng	96
3) Pyridine	4.43	79	101825	28.633	ng	87
4) n-Nitrosodimethylamine	4.33	42	61365	43.040	ng	# 75
6) Aniline	8.20	93	71464	12.740	ng	98
8) 2-Chlorophenol	8.46	128	126944	39.011	ng	96
9) Benzaldehyde	8.01	77	54719	22.911	ng	96
10) Phenol	8.05	94	158341	37.905	ng	99
11) bis(2-Chloroethyl)ether	8.29	93	108892	31.879	ng	94
12) 1,3-Dichlorobenzene	8.80	146	122358	32.103	ng	97
13) 1,4-Dichlorobenzene	8.95	146	124801	32.530	ng	97
14) 1,2-Dichlorobenzene	9.28	146	119754	32.574	ng	96
15) Benzyl Alcohol	9.15	79	113083	37.120	ng	95
16) 2,2'-oxybis(1-Chloropropan	9.44	45	218918	37.282	ng	98
17) 2-Methylphenol	9.35	107	106059	34.431	ng	96
18) Hexachloroethane	10.04	117	45169	34.579	ng	86
19) n-Nitroso-di-n-propylamine	9.73	70	93478	31.953	ng	# 89
20) 3+4-Methylphenols	9.69	107	145711	34.021	ng	94
22) Acetophenone	9.76	105	173602	33.353	ng	# 99
24) Nitrobenzene	10.16	77	135246	42.060	ng	93
25) Isophorone	10.68	82	250704	34.657	ng	96
26) 2-Nitrophenol	10.88	139	66101	54.360	ng	99
27) 2,4-Dimethylphenol	10.92	122	126969	40.404	ng	91
28) bis(2-Chloroethoxy)methane	11.15	93	148996	35.356	ng	96
29) 2,4-Dichlorophenol	11.42	162	113090	39.651	ng	91
30) 1,2,4-Trichlorobenzene	11.65	180	113979	34.092	ng	95
31) Naphthalene	11.85	128	369367	34.298	ng	99
33) 4-Chloroaniline	11.94	127	71205	14.787	ng	97
34) Hexachlorobutadiene	12.11	225	67709	36.106	ng	94
35) Caprolactam	12.69	113	40978	35.882	ng	97
36) 4-Chloro-3-methylphenol	13.00	107	129664	39.067	ng	95
37) 2-Methylnaphthalene	13.40	142	263092	33.767	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	119081	35.988	ng	# 97
40) Hexachlorocyclopentadiene	13.73	237	83360	49.432	ng	89
42) 2,4,6-Trichlorophenol	13.98	196	79222	37.965	ng	97

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
 Data File : BG033128.D
 Acq On : 13 Mar 2018 20:50
 Operator : SJ/JU
 Sample : PB107310BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107310BSD

Manual Integrations
 APPROVED

Sohil

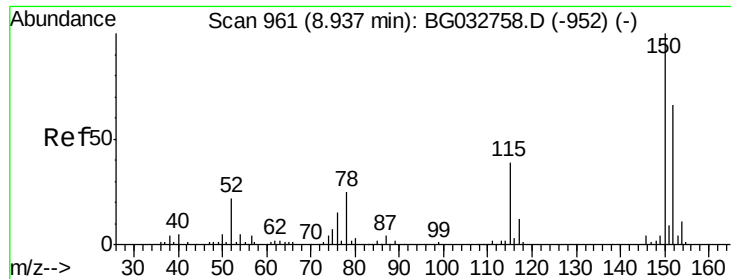
Quant Time: Mar 14 16:17:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

3/14/2018 1:31:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	14.05	196	90306	37.391	nq	# 96
45) 1,1'-Biphenyl	14.37	154	322829	33.143	nq	97
46) 2-Chloronaphthalene	14.43	162	246752	33.913	nq	95
47) 2-Nitroaniline	14.61	65	90458	49.031	nq	95
48) Acenaphthylene	15.26	152	397011	33.327	nq	100
49) Dimethylphthalate	14.95	163	304771	32.201	nq	99
50) 2,6-Dinitrotoluene	15.08	165	67970	44.243	nq	94
51) Acenaphthene	15.59	154	235404	31.730	nq	95
52) 3-Nitroaniline	15.42	138	53942	31.003	nq	# 86
54) Dibenzofuran	15.92	168	369308	34.960	nq	93
55) 4-Nitrophenol	15.69	139	72462	49.696	nq	96
56) 2,4-Dinitrotoluene	15.86	165	93198	50.459	nq	90
57) Fluorene	16.56	166	292048	33.496	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.14	232	40054m	21.361	nq	
59) Diethylphthalate	16.29	149	327110	32.768	nq	98
60) 4-Chlorophenyl-phenylether	16.53	204	148290	34.767	nq	# 88
61) 4-Nitroaniline	16.56	138	70720	36.004	nq	95
62) Azobenzene	16.83	77	305927	34.256	nq	96
64) 4,6-Dinitro-2-methylphenol	16.63	198	1376	7.410	nq	86
65) n-Nitrosodiphenylamine	16.75	169	268765	35.241	nq	98
66) 4-Bromophenyl-phenylether	17.43	248	88164	35.565	nq	# 84
67) Hexachlorobenzene	17.56	284	96206	35.913	nq	94
68) Atrazine	17.67	200	95412	38.007	nq	97
69) Pentachlorophenol	17.90	266	12835	7.607	nq	97
70) Phenanthrene	18.30	178	457087	34.947	nq	100
71) Anthracene	18.39	178	466720	35.544	nq	100
72) Carbazole	18.64	167	434959	33.607	nq	98
73) Di-n-butylphthalate	19.14	149	552477	34.795	nq	99
74) Fluoranthene	20.25	202	509255	35.248	nq	97
76) Benzidine	20.41	184	74445	9.427	nq	100
77) Pyrene	20.61	202	513795	31.450	nq	99
79) Butylbenzylphthalate	21.46	149	253240	34.962	nq	93
80) Benzo(a)anthracene	22.59	228	510063	34.335	nq	100
81) 3,3'-Dichlorobenzidine	22.47	252	88545	16.093	nq	# 98
82) Chrysene	22.67	228	488339	34.413	nq	98
83) Bis(2-ethylhexyl)phthalate	22.41	149	371603	34.659	nq	96
84) Di-n-octyl phthalate	23.82	149	637662	39.018	nq	97
85) Indeno(1,2,3-cd)pyrene	30.83	276	545997	32.992	nq	# 94
87) Benzo(b)fluoranthene	25.19	252	510700	34.286	nq	# 97
88) Benzo(k)fluoranthene	25.27	252	511204	34.533	nq	# 95
89) Benzo(a)pyrene	26.23	252	497294	35.101	nq	# 96
90) Dibenzo(a,h)anthracene	30.91	278	433573	30.404	nq	# 94
91) Benzo(g,h,i)perylene	32.23	276	457937	32.576	nq	# 95

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

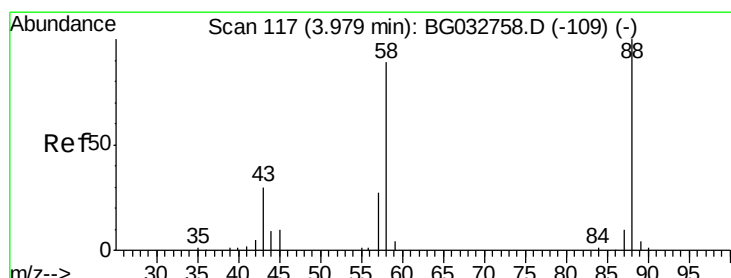
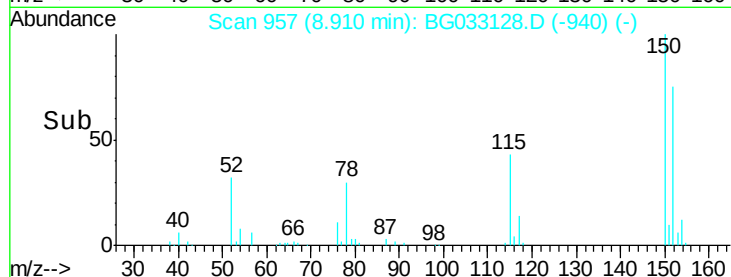
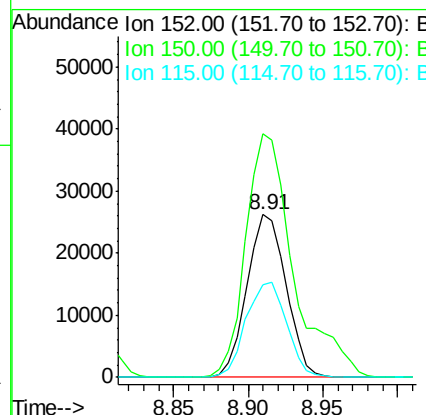
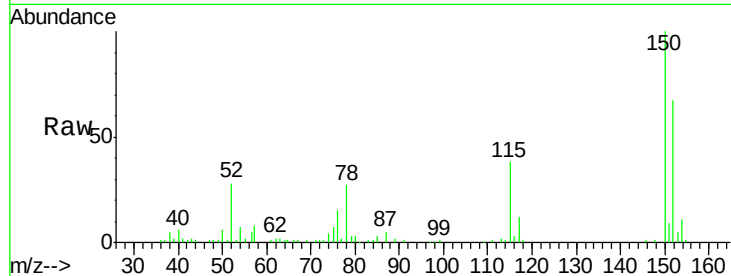
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.8	126.6	189.8
115	57.3	53.0	79.4

Manual Integrations
APPROVED

Sohil

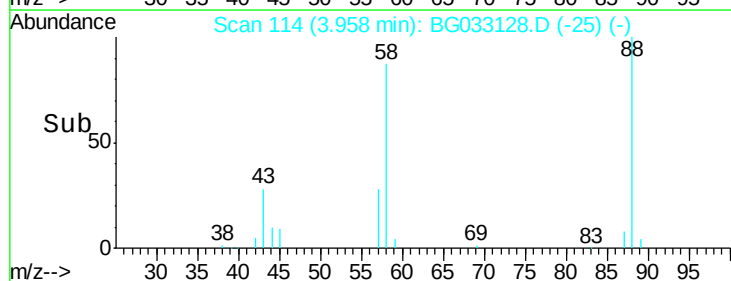
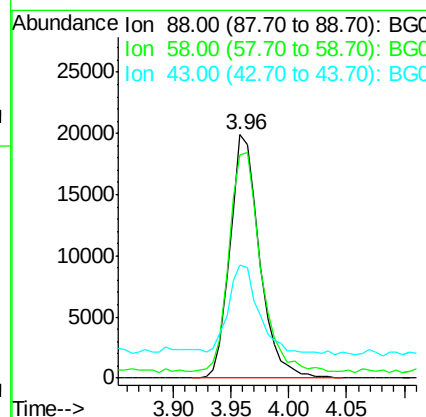
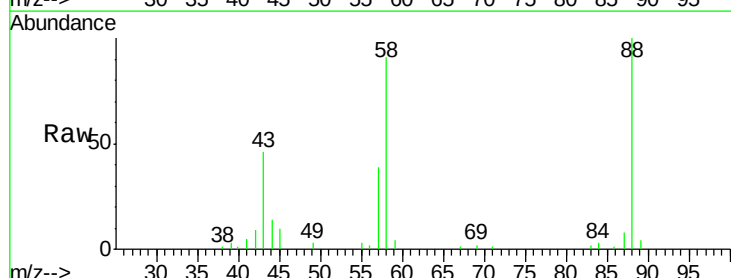
3/14/2018 1:31:42 PM

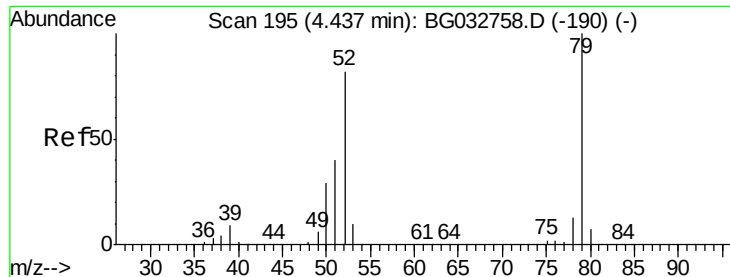


#2

1,4-Dioxane
Concen: 27.344 ng
RT: 3.96 min Scan# 114
Delta R.T. -0.01 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.1	79.6	119.4
43	36.5	27.4	41.0





#3

Pvridine

Concen: 28.633 ng

RT: 4.43 min Scan# 195

Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

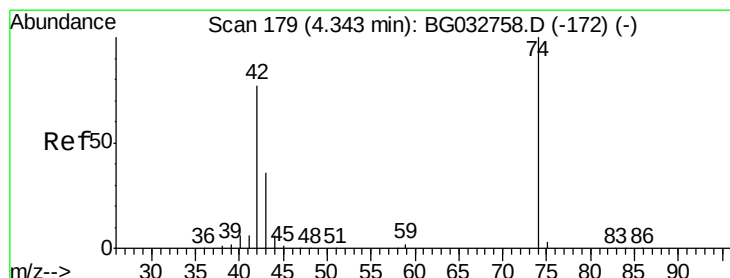
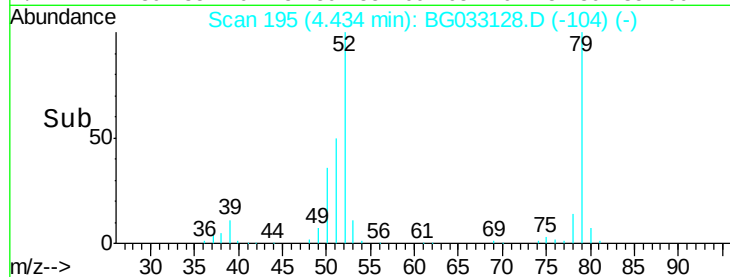
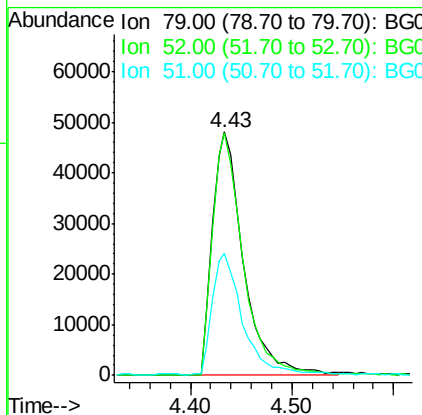
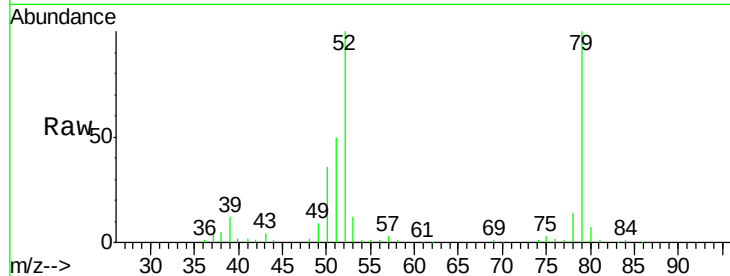
PB107310BSD

Tot Ion:	79	Resp:	101825
Ion	Ratio	Lower	Upper
79	100		
52	99.8	69.9	104.9
51	50.2	34.0	51.0

Manual Integrations
APPROVED

Sohil

3/14/2018 1:31:42 PM



#4

n-Nitrosodimethylamine

Concen: 43.040 ng

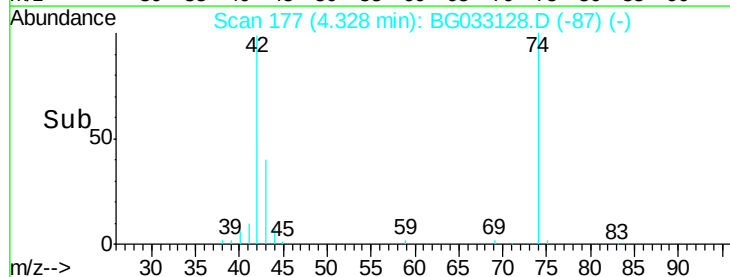
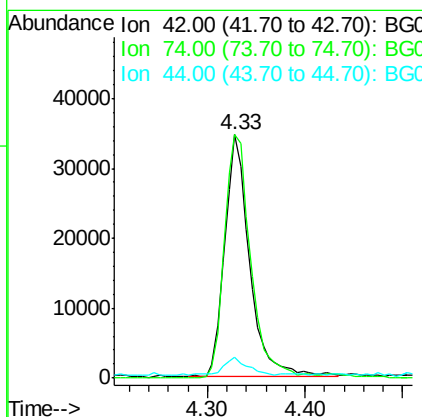
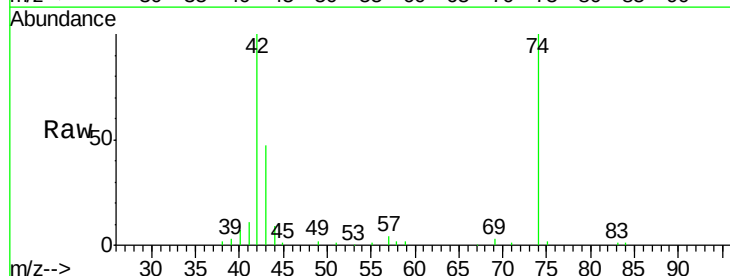
RT: 4.33 min Scan# 177

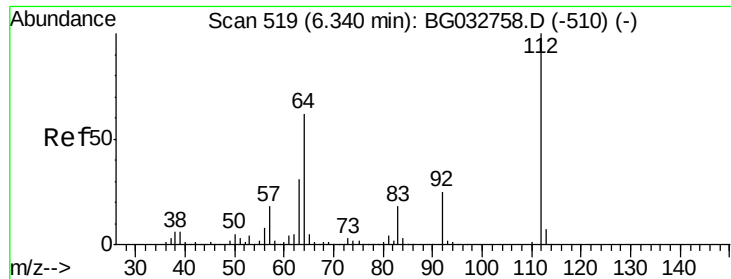
Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Tgt Ion:	42	Resp:	61365
Ion	Ratio	Lower	Upper
42	100		
74	100.2	102.5	153.7#
44	8.6	18.9	28.3#





#5

2-Fluorophenol

Concen: 80.480 ng

RT: 6.34 min Scan# 519

Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

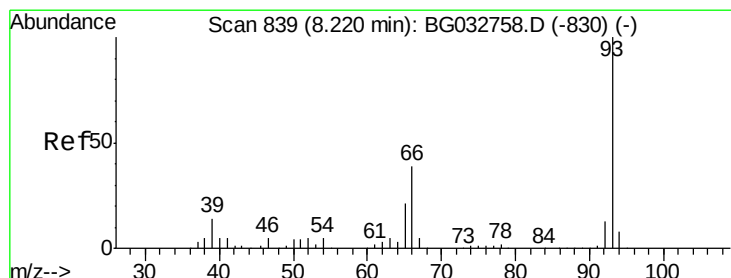
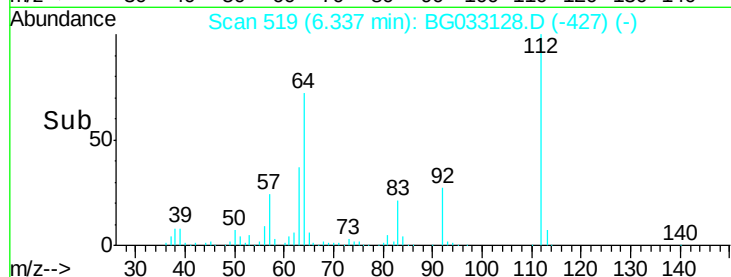
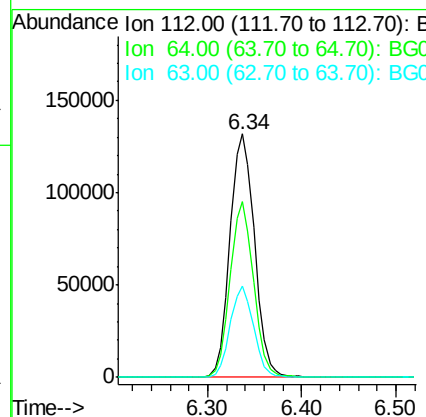
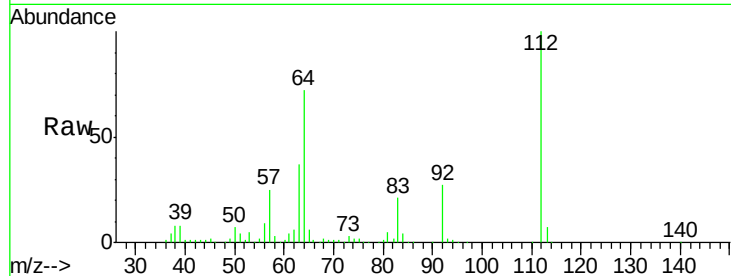
PB107310BSD

Tot Ion:	112	Resp:	239264
Ion Ratio	Lower	Upper	
112	100		
64	72.4	56.3	84.5
63	37.3	30.1	45.1

Manual Integrations
APPROVED

Sohil

3/14/2018 1:31:42 PM



#6

Aniline

Concen: 12.740 ng

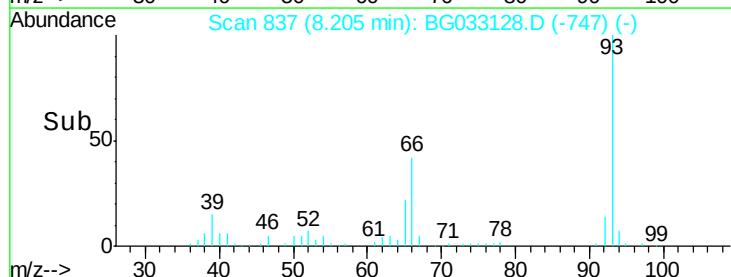
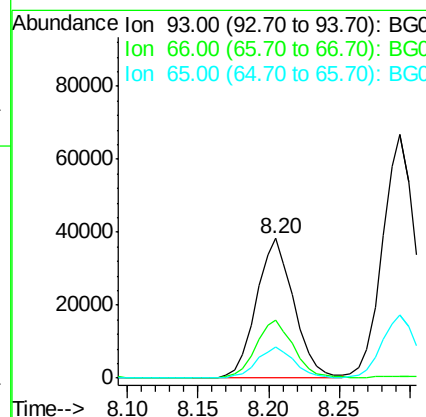
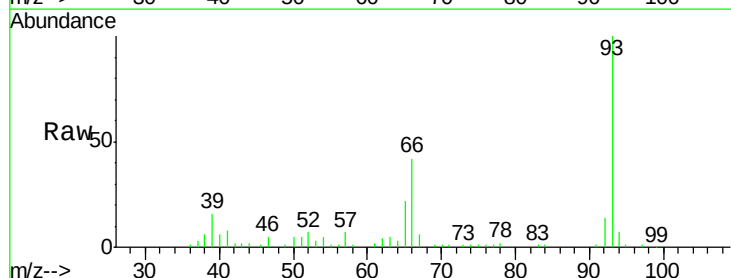
RT: 8.20 min Scan# 837

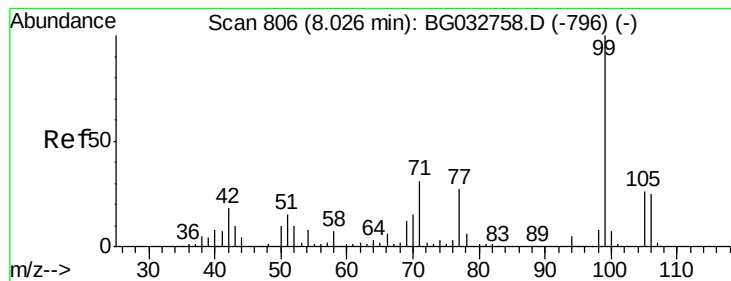
Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Tgt Ion:	93	Resp:	71464
Ion Ratio	Lower	Upper	
93	100		
66	41.8	33.7	50.5
65	22.5	16.1	24.1





#7

Phenol-d6

Concen: 75.909 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.02 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

PB107310BSD

Tot Ion: 99 Resp: 314558

Ion Ratio Lower Upper

99 100

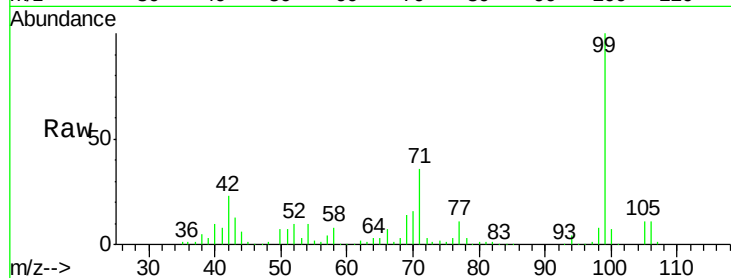
42 22.5 14.1 21.1#

71 36.1 26.1 39.1

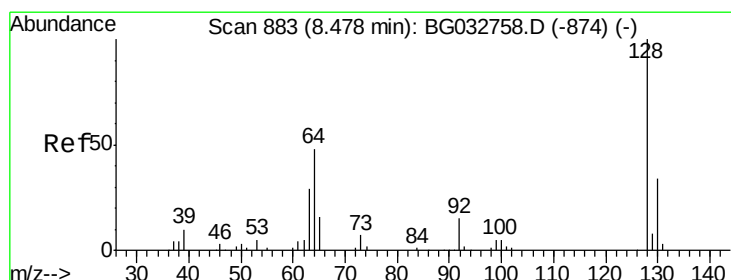
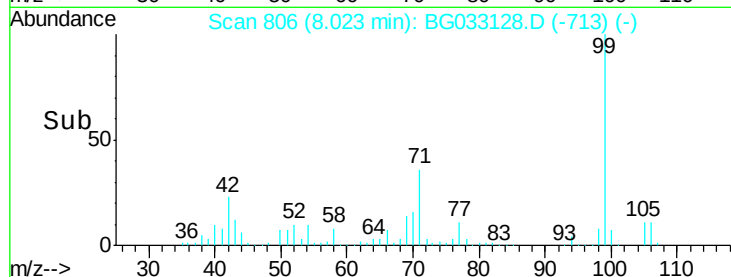
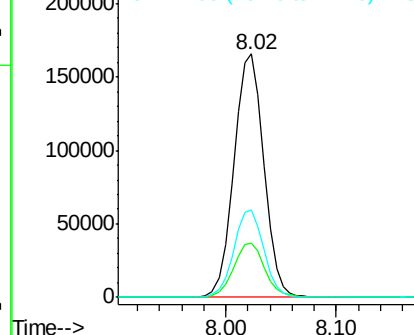
Manual Integrations
APPROVED

Sohil

3/14/2018 1:31:42 PM



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.011 ng

RT: 8.46 min Scan# 881

Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

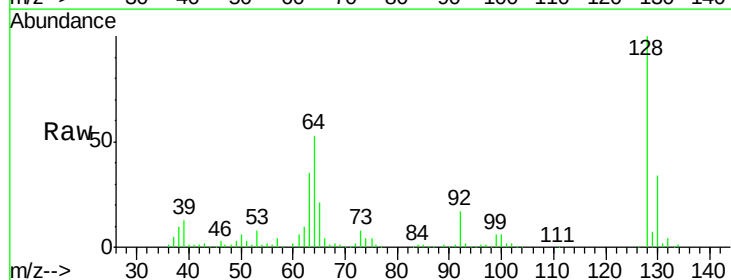
Tgt Ion: 128 Resp: 126944

Ion Ratio Lower Upper

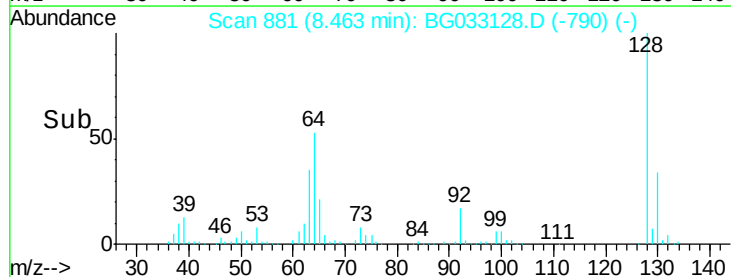
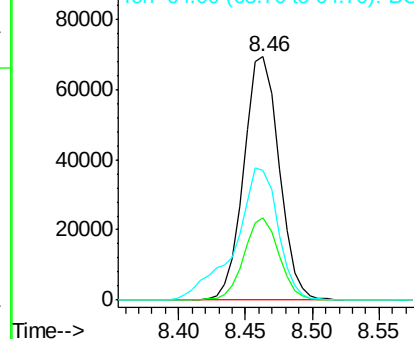
128 100

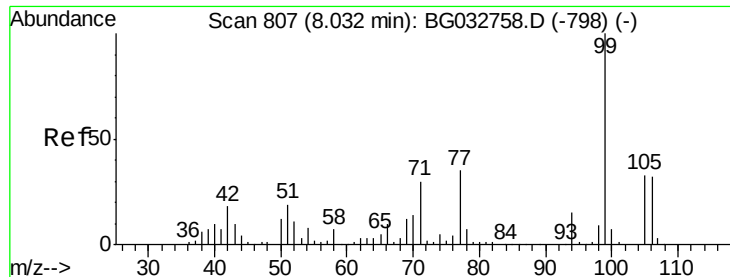
130 33.8 14.0 54.0

64 53.2 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9
Benzaldehyde
Concen: 22.911 ng
RT: 8.01 min Scan# 804
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

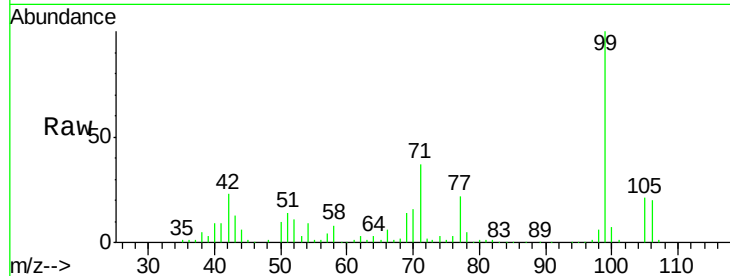
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion: 77 Resp: 54719
Ion Ratio Lower Upper
77 100
105 94.7 71.3 111.3
106 89.0 64.2 104.2

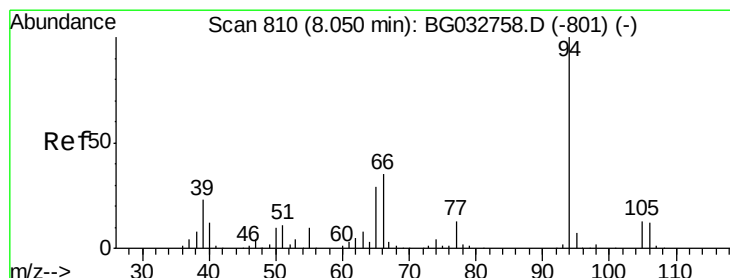
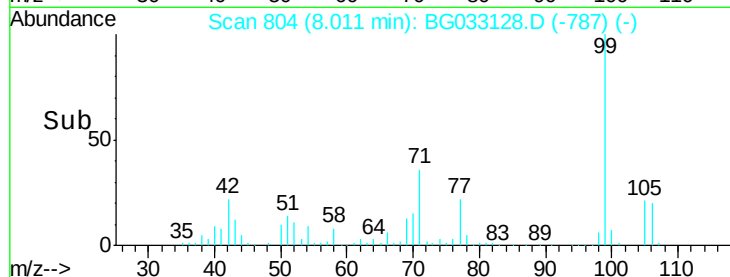
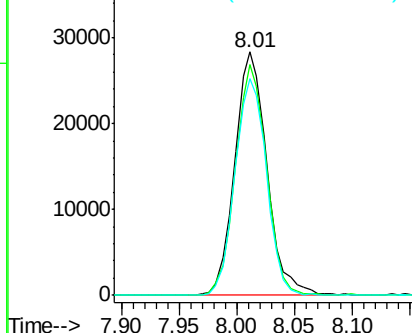
Manual Integrations
APPROVED

Sohil

3/14/2018 1:31:42 PM

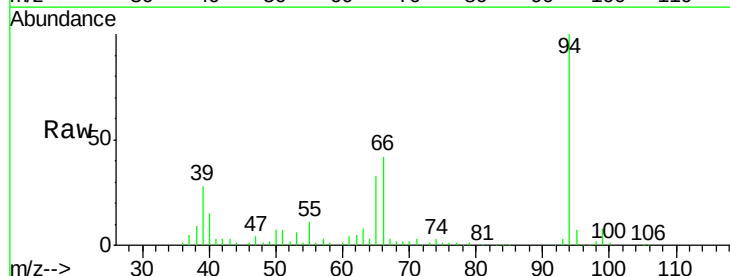


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

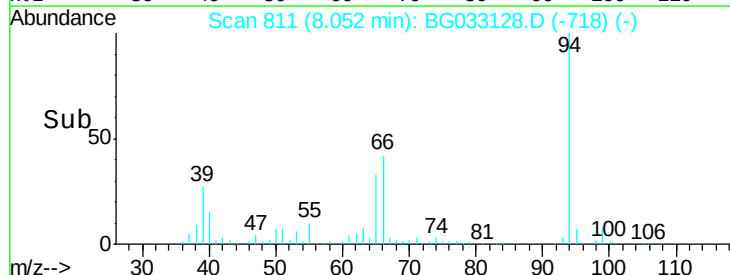
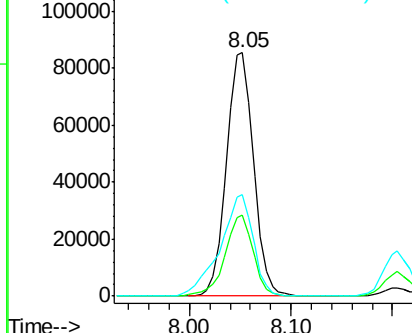


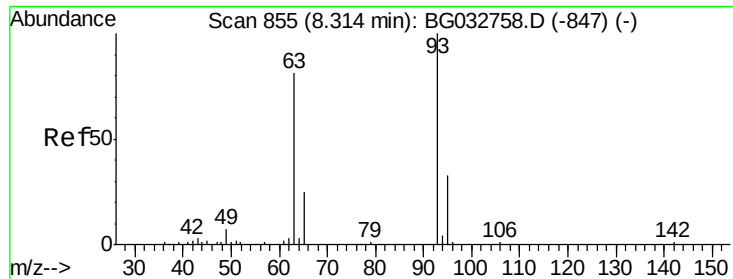
#10
Phenol
Concen: 37.905 ng
RT: 8.05 min Scan# 811
Delta R.T. 0.02 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion: 94 Resp: 158341
Ion Ratio Lower Upper
94 100
65 33.1 11.9 51.9
66 41.8 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11
bis(2-Chloroethyl)ether
Concen: 31.879 ng
RT: 8.29 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

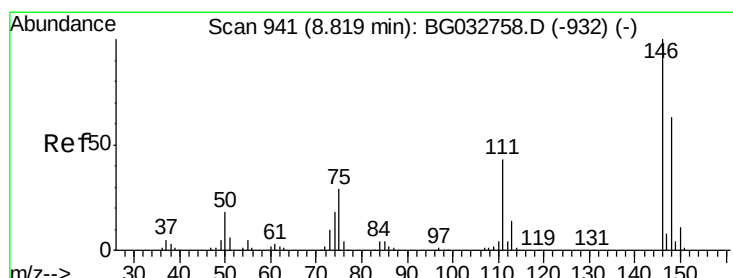
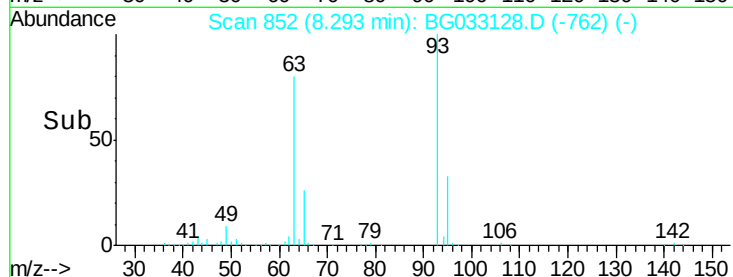
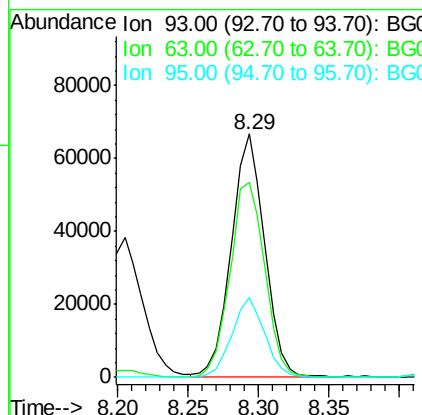
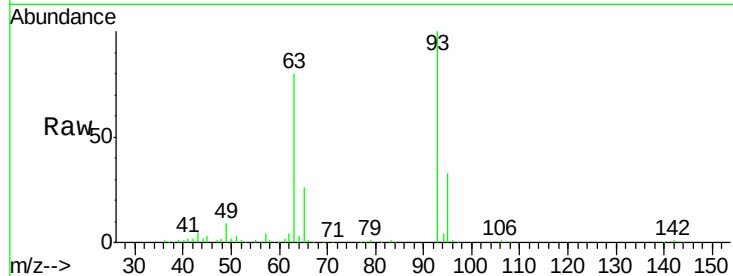
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		108892		
63	80.2		67.1	107.1	
95	32.8		11.5	51.5	

Manual Integrations
APPROVED

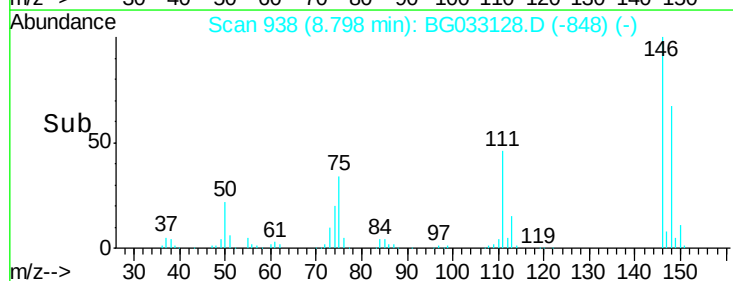
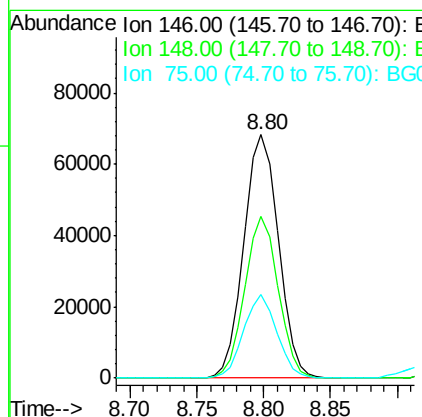
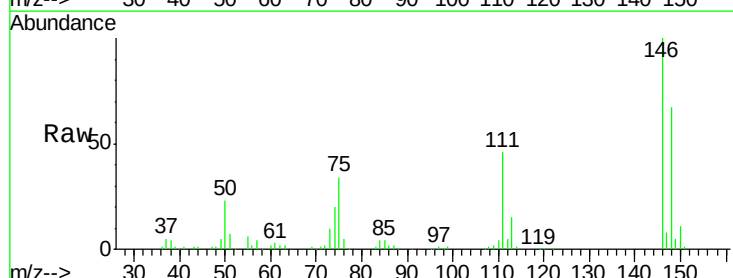
Sohil

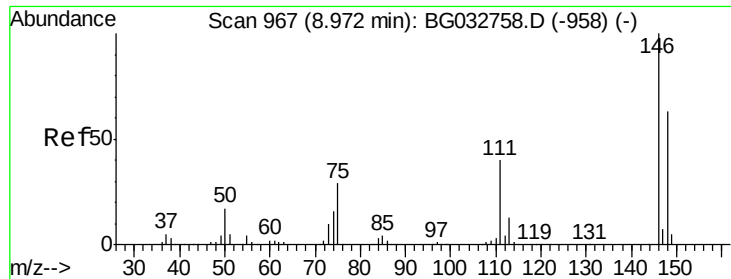
3/14/2018 1:31:42 PM



#12
1,3-Dichlorobenzene
Concen: 32.103 ng
RT: 8.80 min Scan# 938
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		122358		
148	66.5		51.4	77.2	
75	34.3		26.6	39.8	





#13
1,4-Dichlorobenzene
Concen: 32.530 ng
RT: 8.95 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

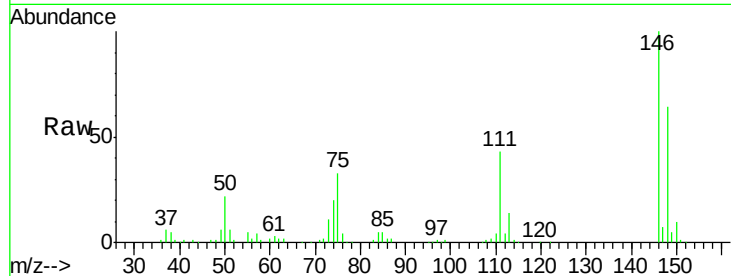
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	53.7	80.5
111	42.8	35.2	52.8

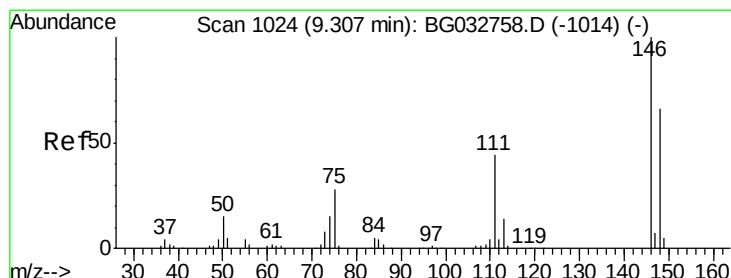
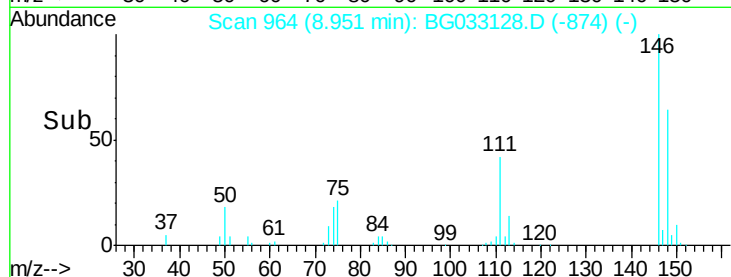
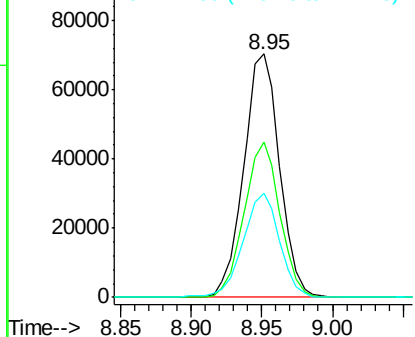
Manual Integrations
APPROVED

Sohil

3/14/2018 1:31:42 PM

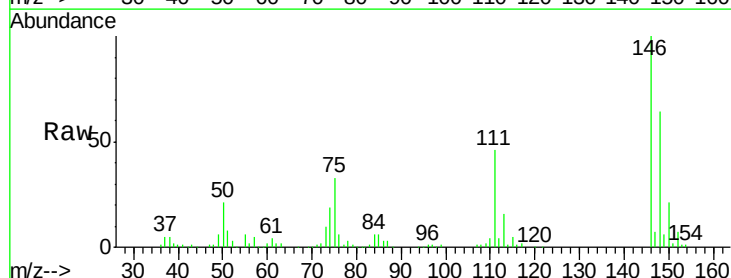


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

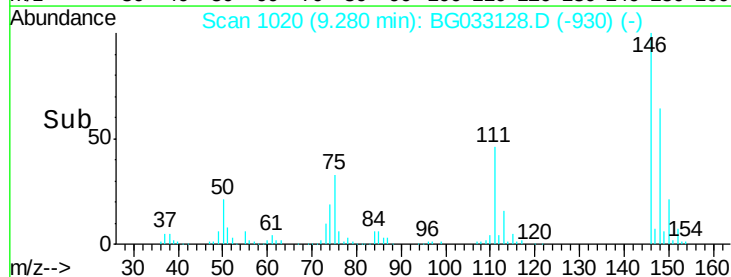
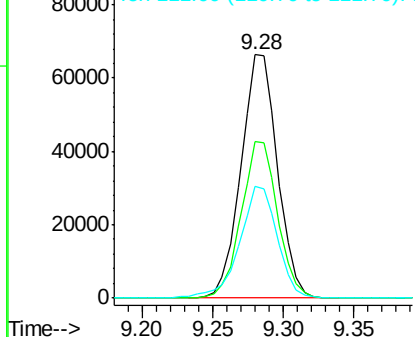


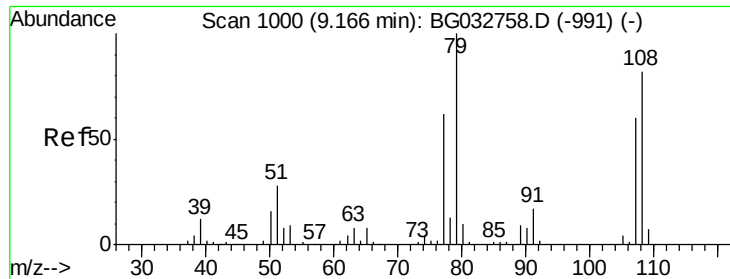
#14
1,2-Dichlorobenzene
Concen: 32.574 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	49.3	73.9
111	45.9	34.3	51.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15
Benzyl Alcohol
Concen: 37.120 ng
RT: 9.15 min Scan# 998
Delta R.T. 0.01 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

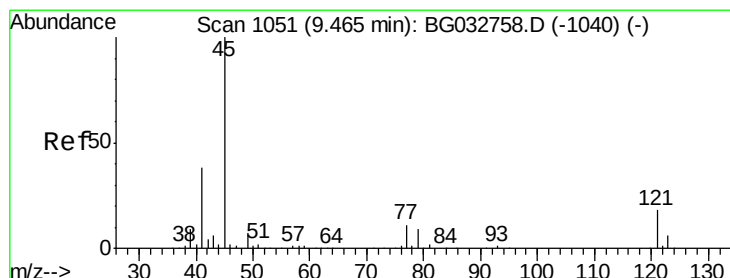
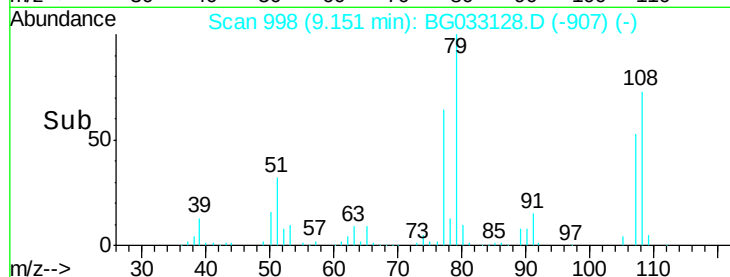
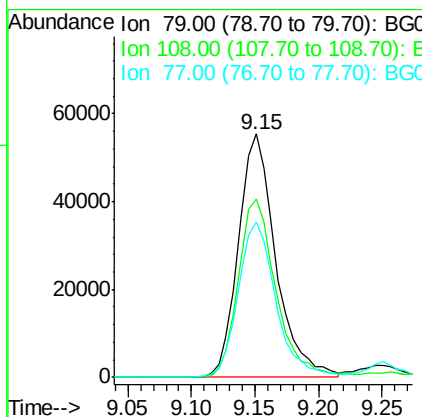
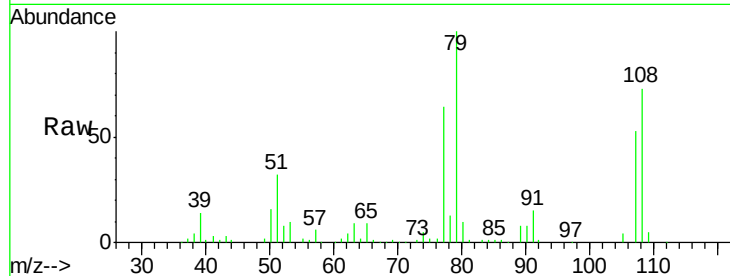
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion:	79	Resp:	113083
Ion Ratio	Lower	Upper	
79	100		
108	73.4	57.2	85.8
77	64.0	46.1	69.1

Manual Integrations
APPROVED

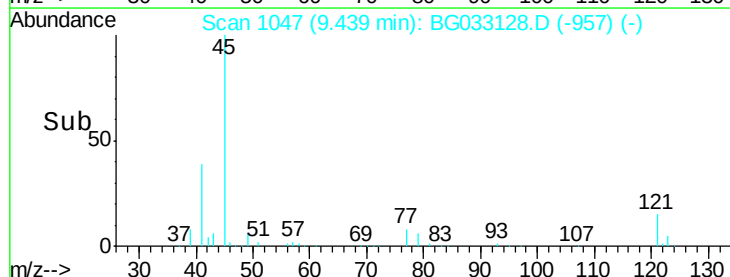
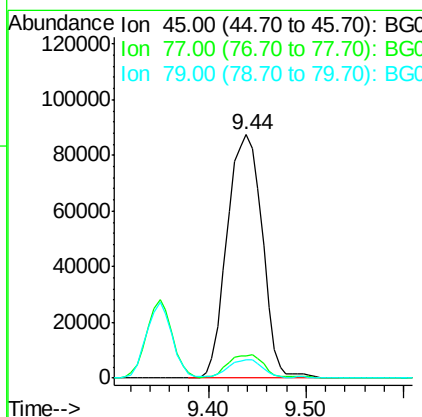
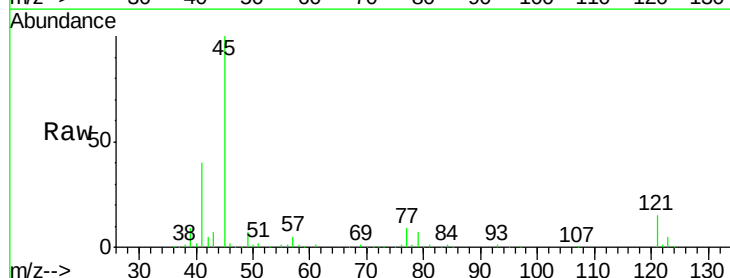
Sohil

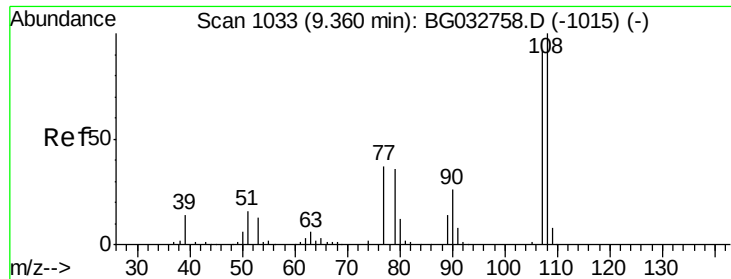
3/14/2018 1:31:42 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.282 ng
RT: 9.44 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion:	45	Resp:	218918
Ion Ratio	Lower	Upper	
45	100		
77	9.3	0.0	30.2
79	7.3	0.0	27.9





#17
2-Methylphenol
Concen: 34.431 ng
RT: 9.35 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

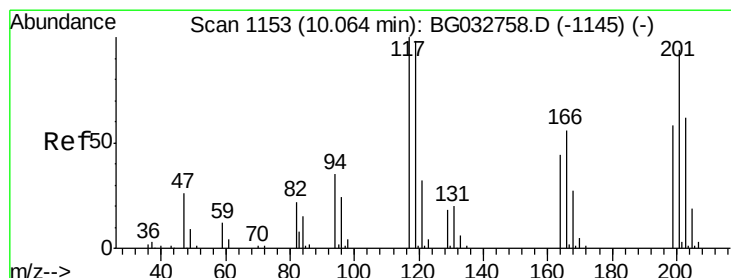
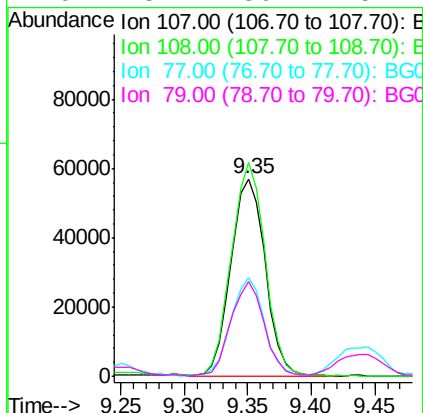
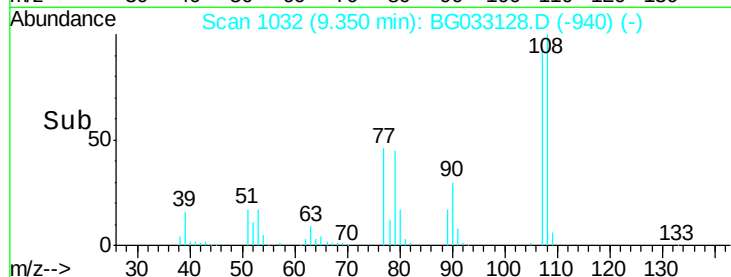
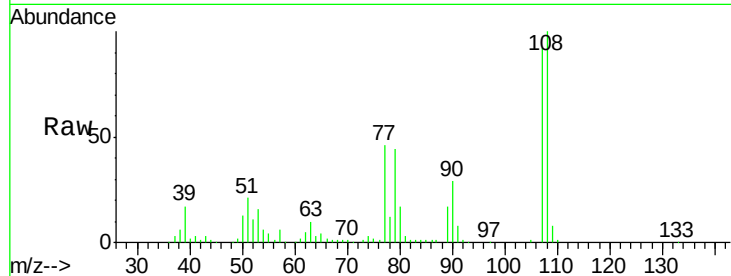
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	108.2	83.9	106059	125.9	
77	49.7	37.2		55.8	
79	48.1	36.2		54.2	

Manual Integrations
APPROVED

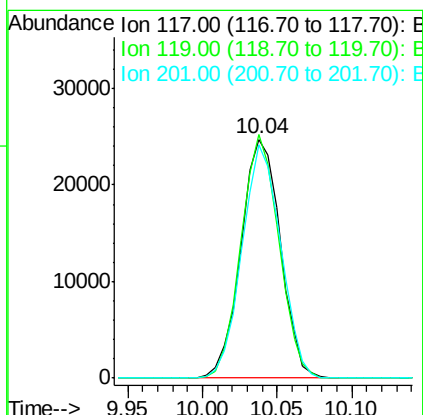
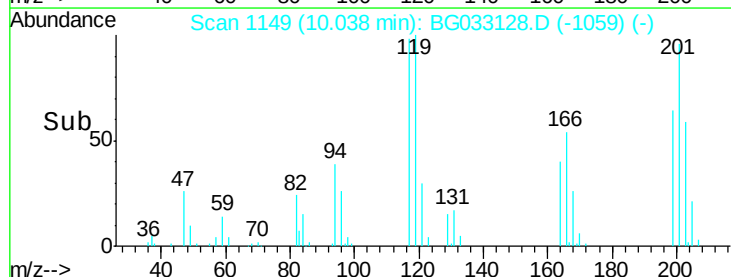
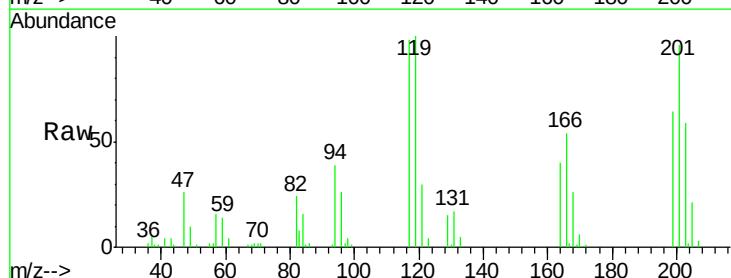
Sohil

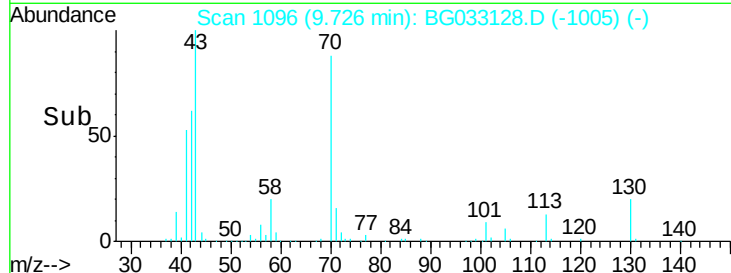
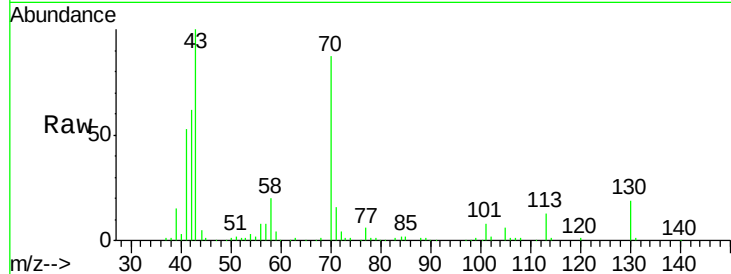
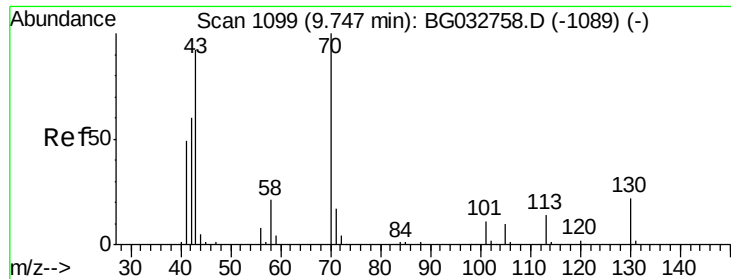
3/14/2018 1:31:42 PM



#18
Hexachloroethane
Concen: 34.579 ng
RT: 10.04 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		45169		
119	102.1	76.7		115.1	
201	97.7	95.7		143.5	





#19
n-Nitroso-di-n-propylamine
Concen: 31.953 ng
RT: 9.73 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

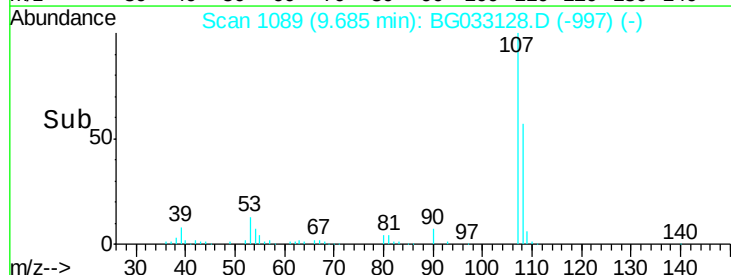
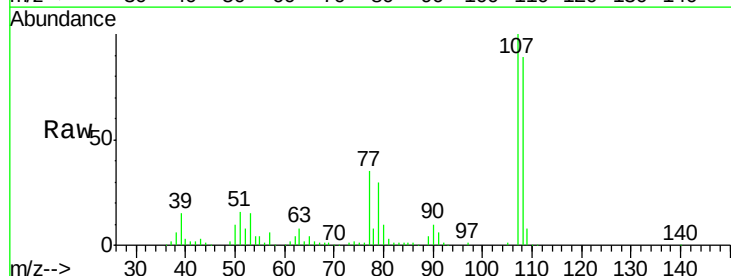
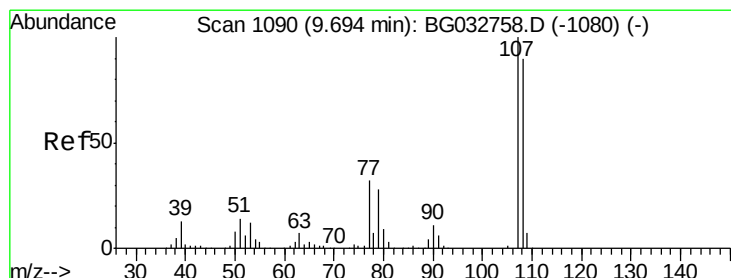
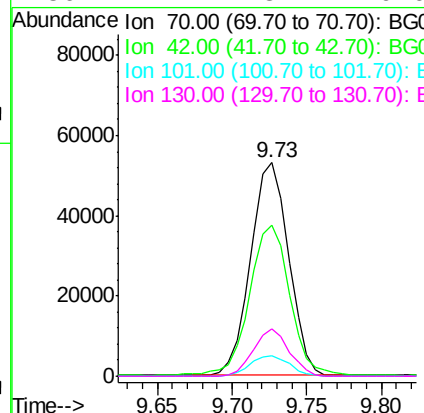
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.8	49.1	73.7	
101	9.6	8.5	12.7	
130	22.2	13.4	20.0	#

Manual Integrations
APPROVED

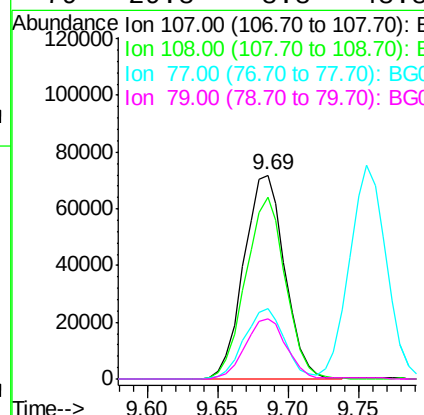
Sohil

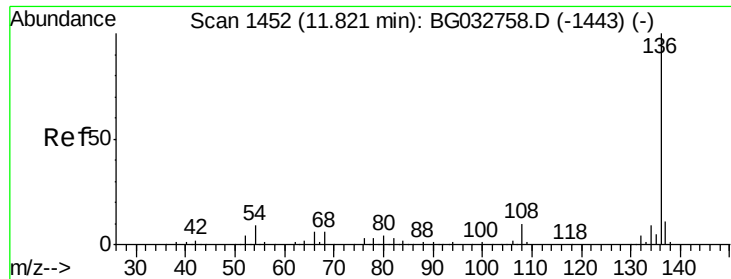
3/14/2018 1:31:42 PM



#20
3+4-Methylphenols
Concen: 34.021 ng
RT: 9.69 min Scan# 1089
Delta R.T. 0.01 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.2	61.6	101.6	
77	34.8	13.9	53.9	
79	29.8	8.8	48.8	





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

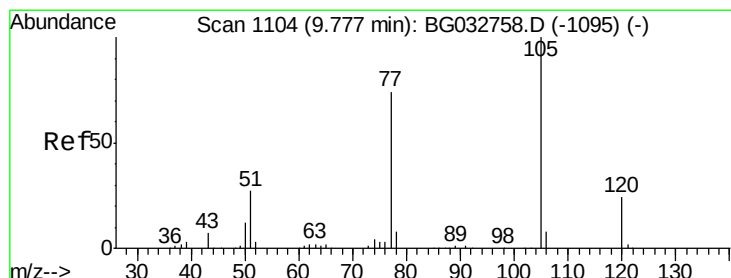
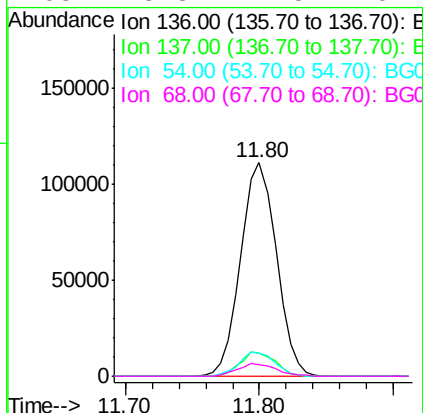
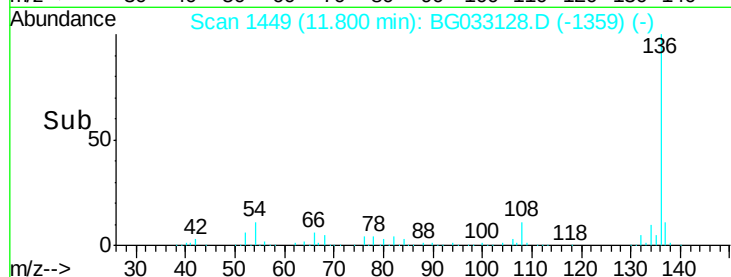
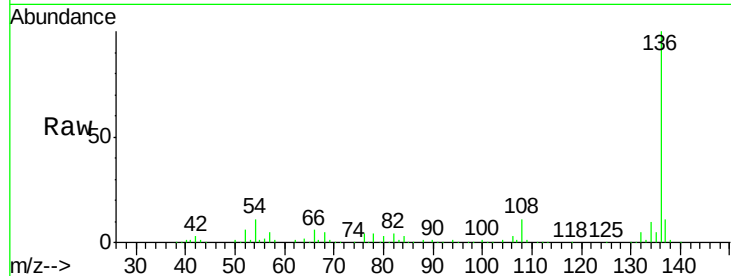
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	206098		
137	10.9		9.2	13.8
54	10.7		10.3	15.5
68	5.3		4.5	6.7

Manual Integrations
APPROVED

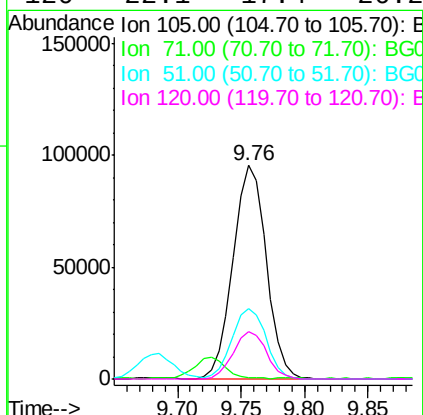
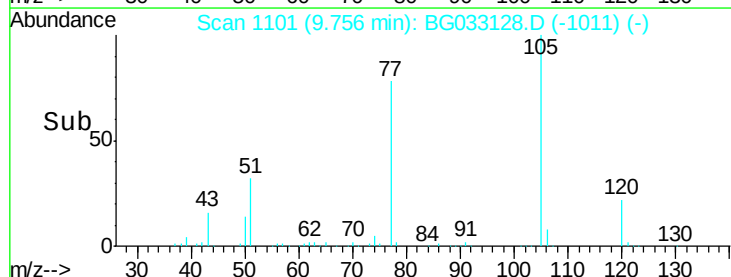
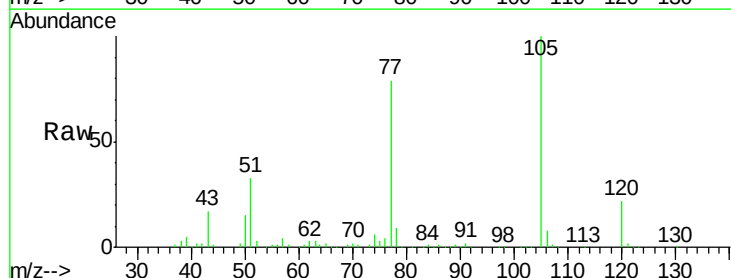
Sohil

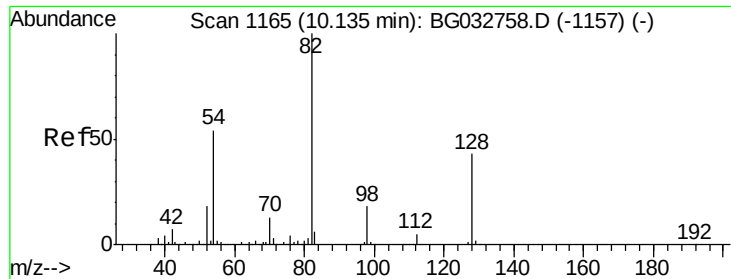
3/14/2018 1:31:42 PM



#22
Acetophenone
Concen: 33.353 ng
RT: 9.76 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	173602		
71	0.7		3.0	4.4#
51	33.0		26.1	39.1
120	22.1		17.4	26.2





#23
Nitrobenzene-d5
Concen: 92.312 ng
RT: 10.11 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

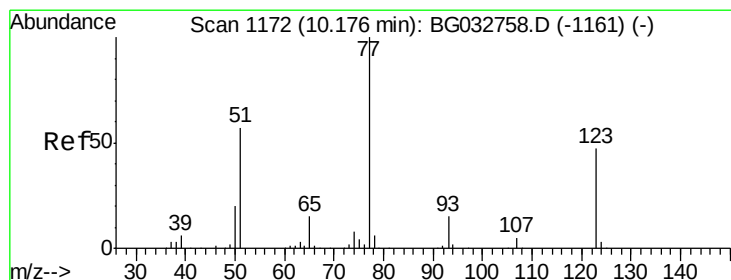
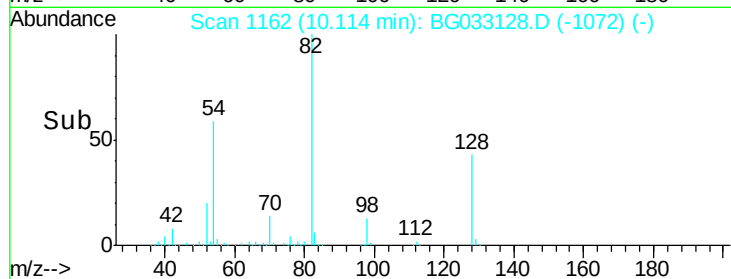
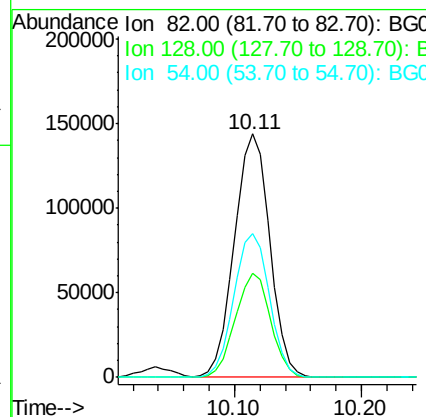
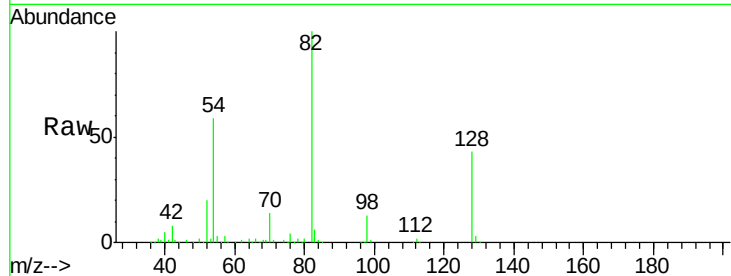
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion:	82	Resp:	277025
Ion Ratio	Lower	Upper	
82	100		
128	42.7	29.7	44.5
54	59.1	43.1	64.7

Manual Integrations
APPROVED

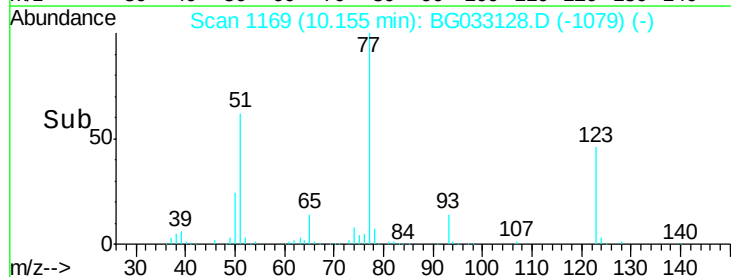
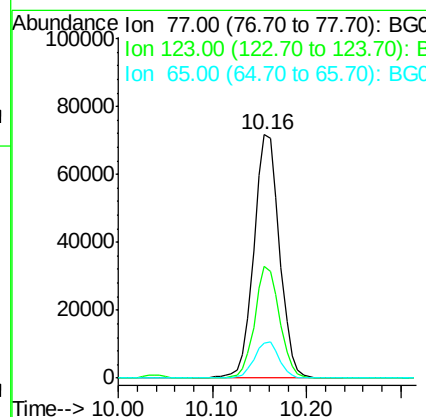
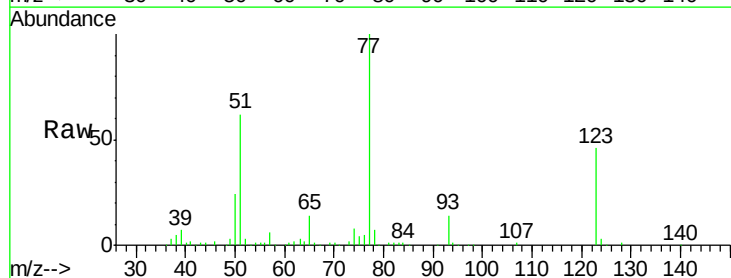
Sohil

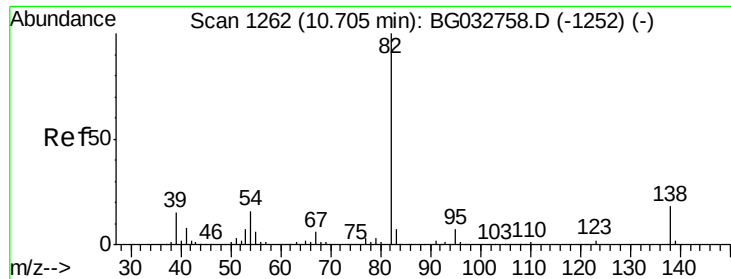
3/14/2018 1:31:42 PM



#24
Nitrobenzene
Concen: 42.060 ng
RT: 10.16 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion:	77	Resp:	135246
Ion Ratio	Lower	Upper	
77	100		
123	45.9	33.0	49.6
65	14.3	13.0	19.6





#25
Isophorone
Concen: 34.657 ng
RT: 10.68 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

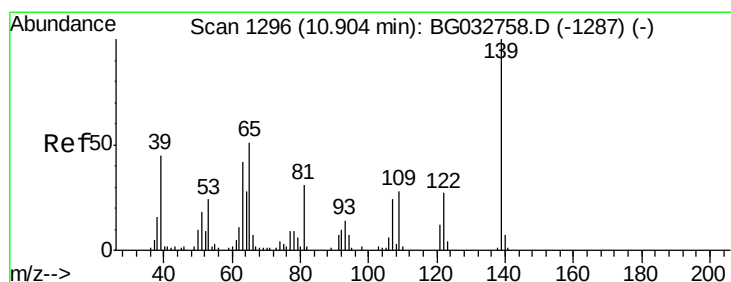
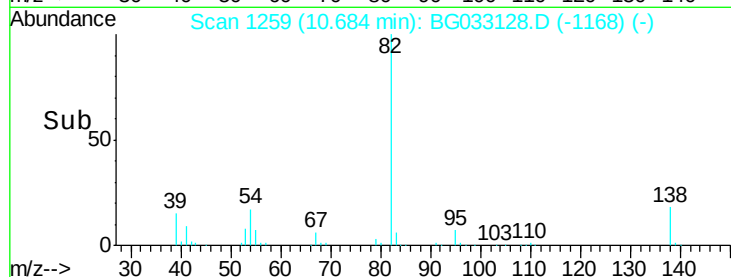
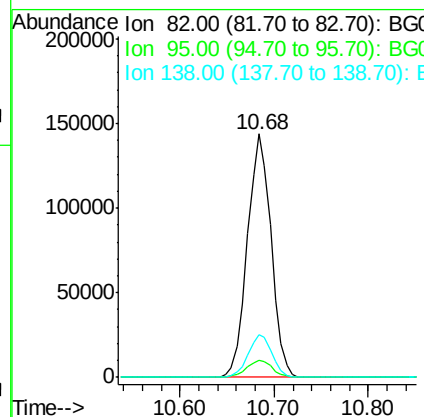
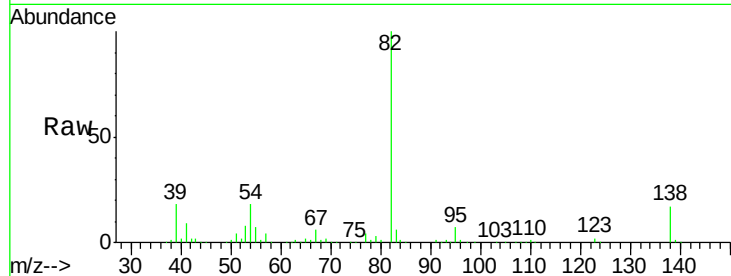
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	250704		
95	6.8		6.2	9.2
138	17.4		12.1	18.1

Manual Integrations
APPROVED

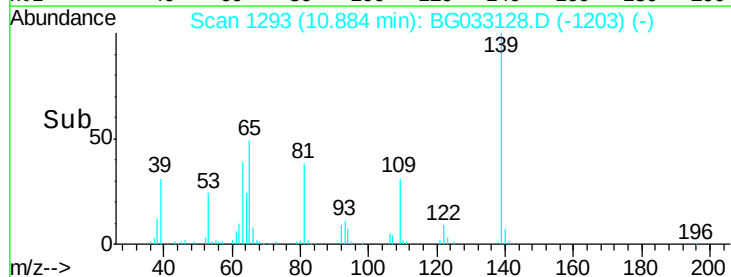
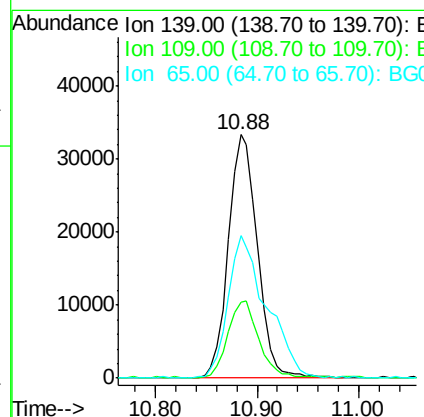
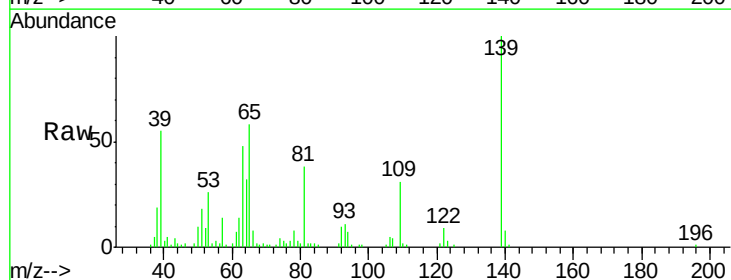
Sohil

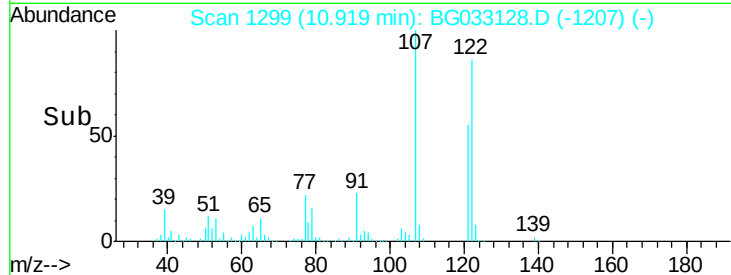
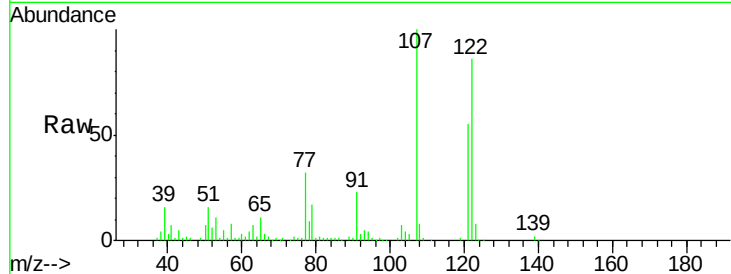
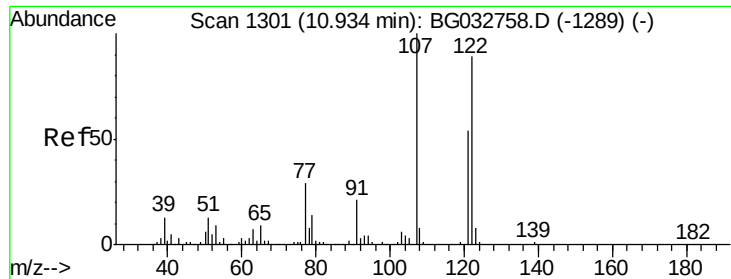
3/14/2018 1:31:42 PM



#26
2-Nitrophenol
Concen: 54.360 ng
RT: 10.88 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	66101		
109	31.4		24.2	36.2
65	58.5		47.4	71.0





#27
2,4-Dimethylphenol
Concen: 40.404 ng
RT: 10.92 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

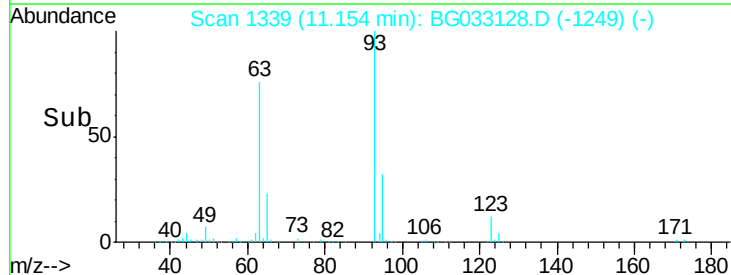
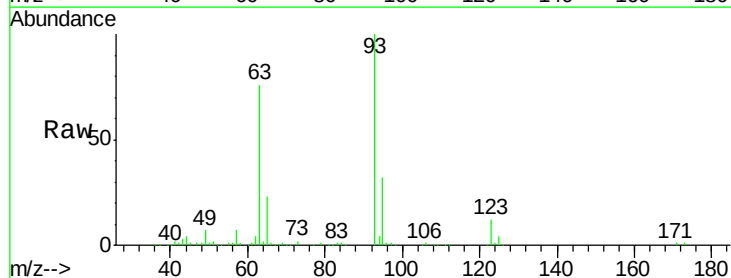
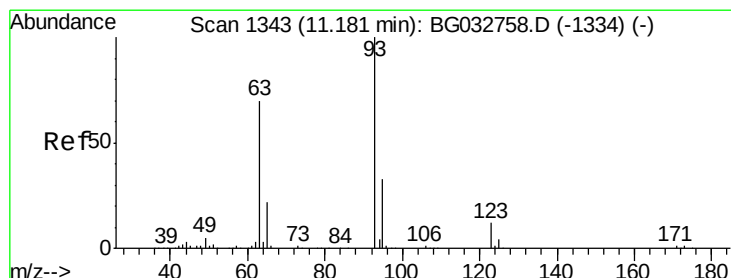
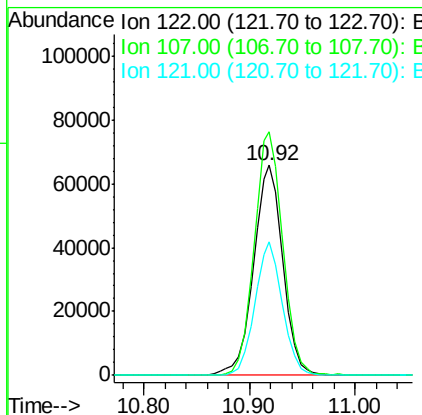
Tot Ion:	122	Resp:	126969
Ion Ratio	Lower	Upper	
122	100		
107	116.1	100.2	150.2
121	63.5	44.4	66.6

Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Manual Integrations
APPROVED

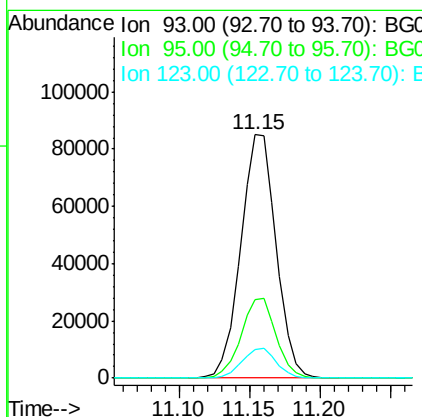
Sohil

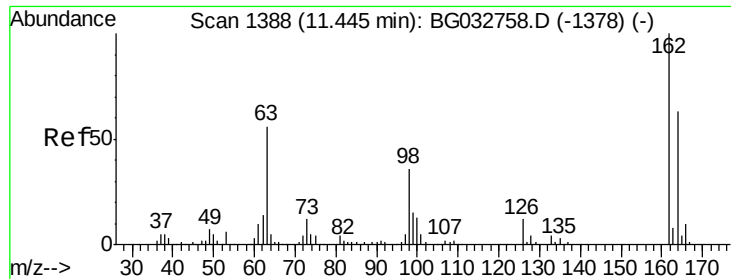
3/14/2018 1:31:42 PM



#28
bis(2-Chloroethoxy)methane
Concen: 35.356 ng
RT: 11.15 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion:	93	Resp:	148996
Ion Ratio	Lower	Upper	
93	100		
95	32.4	24.3	36.5
123	11.9	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 39.651 ng

RT: 11.42 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

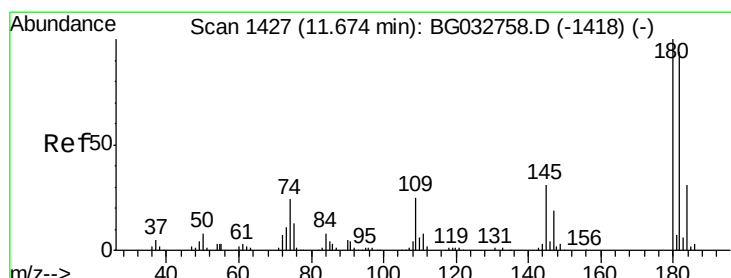
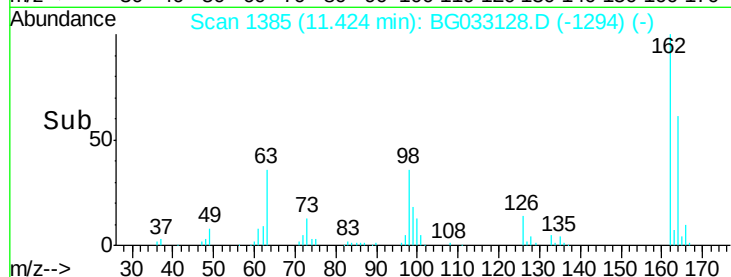
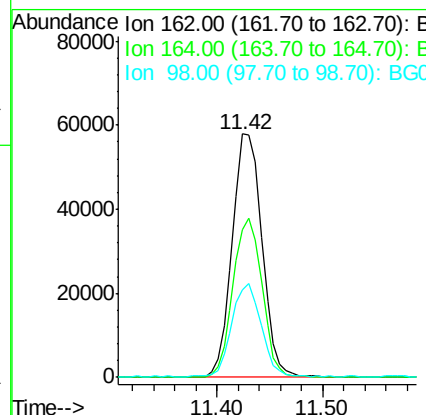
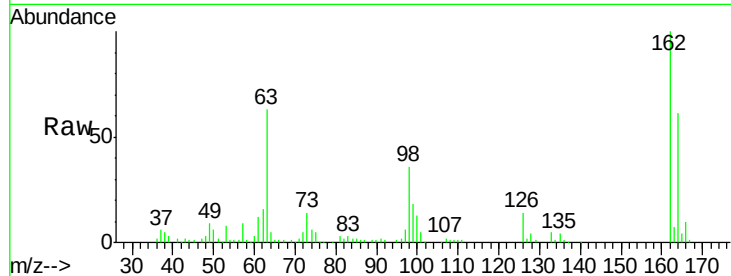
PB107310BSD

Tot Ion:	162	Resp:	113090
Ion Ratio	Lower	Upper	
162	100		
164	60.8	48.0	88.0
98	36.0	21.1	61.1

Manual Integrations
APPROVED

Sohil

3/14/2018 1:31:42 PM



#30

1,2,4-Trichlorobenzene

Concen: 34.092 ng

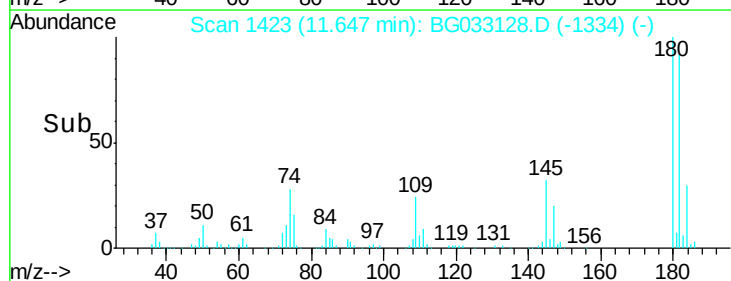
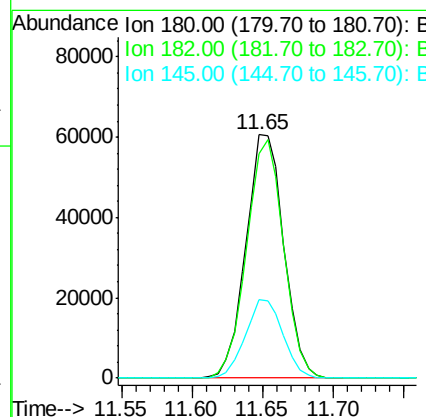
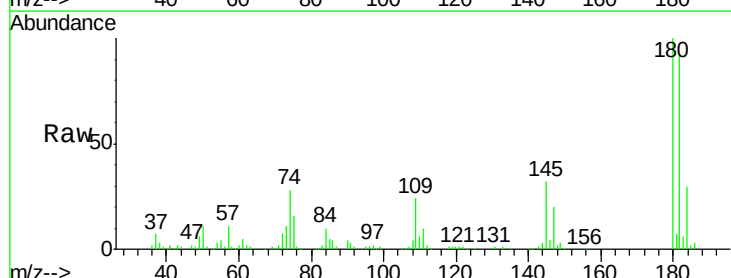
RT: 11.65 min Scan# 1423

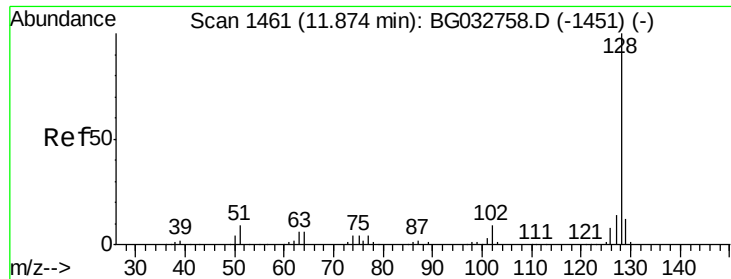
Delta R.T. -0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Tgt Ion:	180	Resp:	113979
Ion Ratio	Lower	Upper	
180	100		
182	92.4	77.5	116.3
145	32.1	23.4	35.2





#31

Naphthalene

Concen: 34.298 ng

RT: 11.85 min Scan# 1458

Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

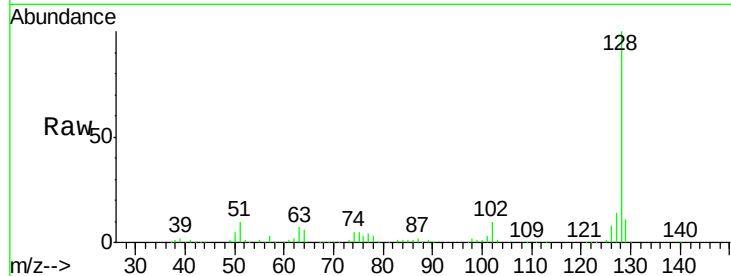
PB107310BSD

Tot Ion:	128	Resp:	369367
Ion Ratio	Lower	Upper	
128	100		
129	10.5	8.6	12.8
127	14.0	11.6	17.4

Manual Integrations
APPROVED

Sohil

3/14/2018 1:31:42 PM

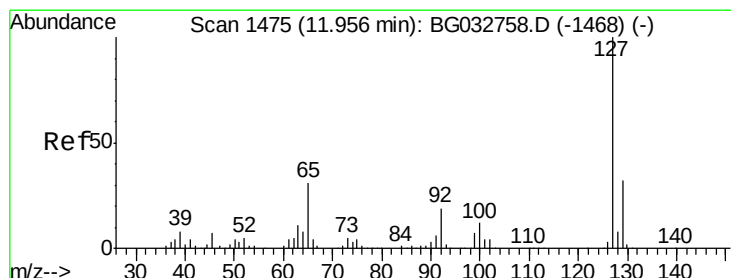
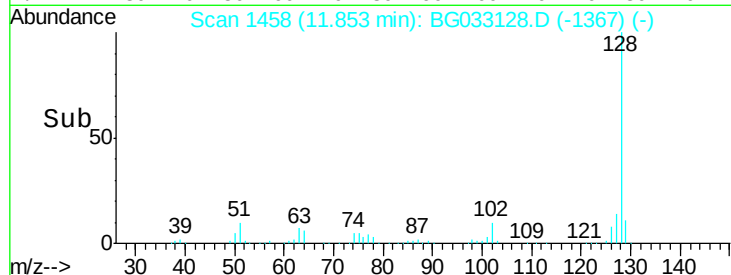
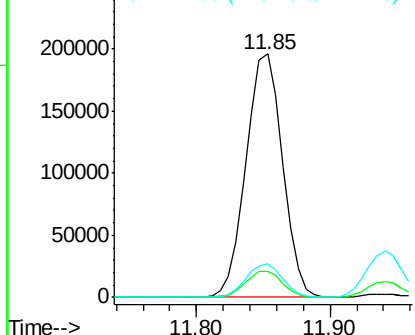


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 14.787 ng

RT: 11.94 min Scan# 1473

Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Tgt Ion:	127	Resp:	71205
Ion Ratio	Lower	Upper	
127	100		
129	32.7	24.0	36.0
65	34.4	27.0	40.4
92	20.3	16.6	25.0

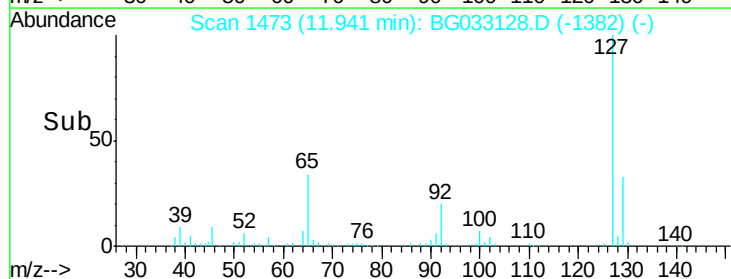
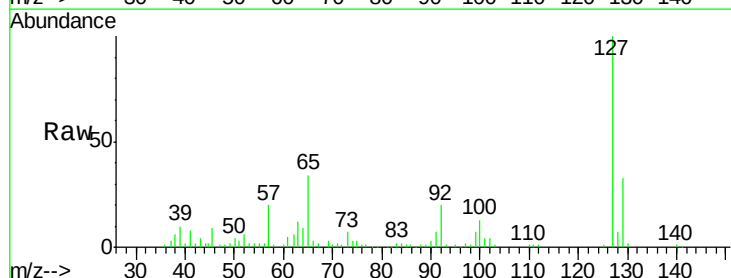
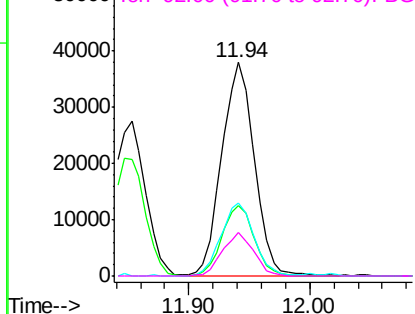
Abundance

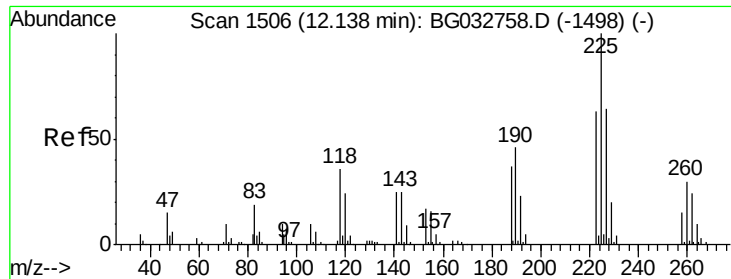
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#34

Hexachlorobutadiene

Concen: 36.106 ng

RT: 12.11 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

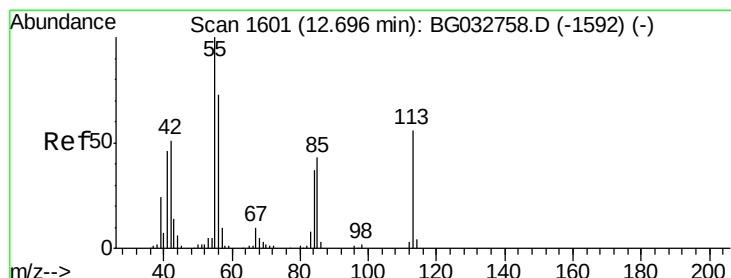
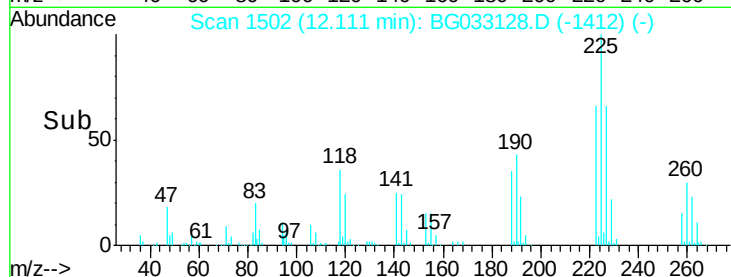
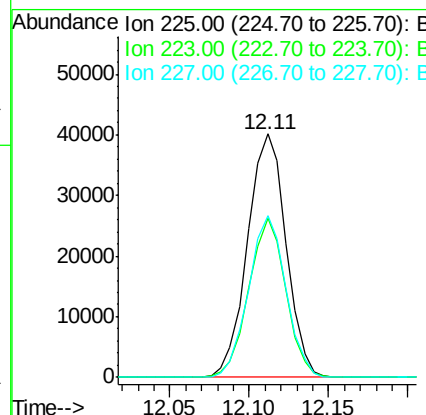
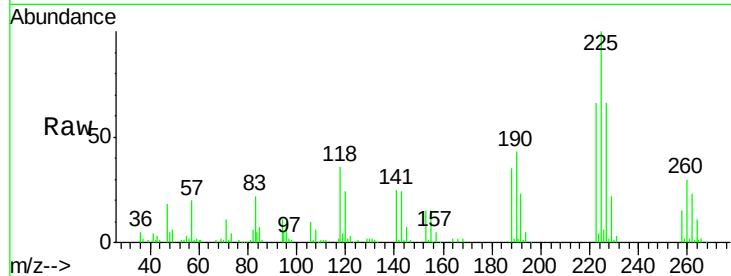
PB107310BSD

Tot Ion:	225	Resp:	67709
Ion Ratio	Lower	Upper	
225	100		
223	65.6	49.7	74.5
227	66.2	48.1	72.1

Manual Integrations
APPROVED

Sohil

3/14/2018 1:31:42 PM



#35

Caprolactam

Concen: 35.882 ng

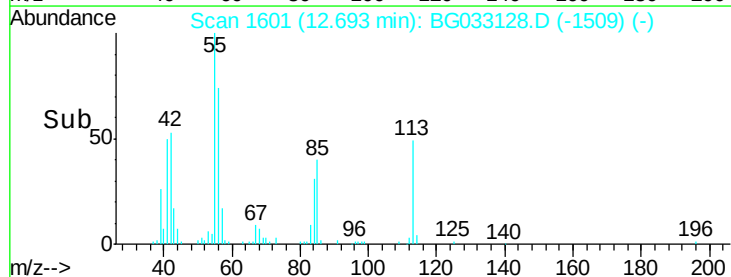
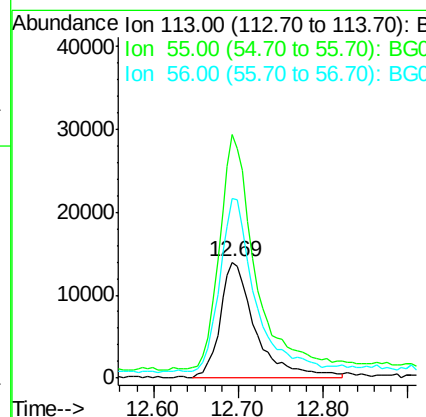
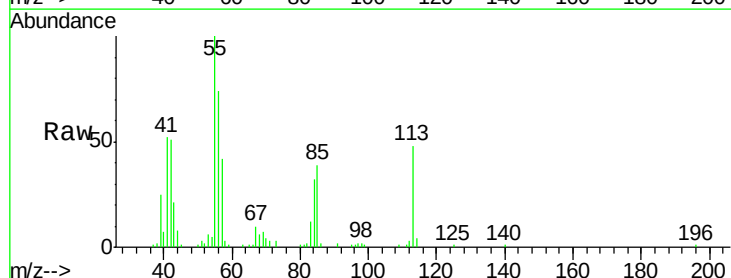
RT: 12.69 min Scan# 1601

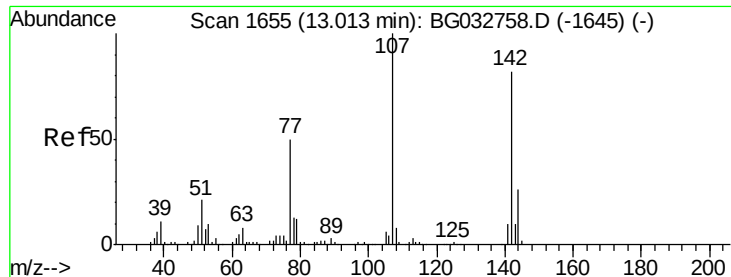
Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Tgt Ion:	113	Resp:	40978
Ion Ratio	Lower	Upper	
113	100		
55	209.9	186.9	226.9
56	155.1	130.9	170.9





#36
4-Chloro-3-methylphenol
Concen: 39.067 ng
RT: 13.00 min Scan# 1654
Delta R.T. 0.01 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

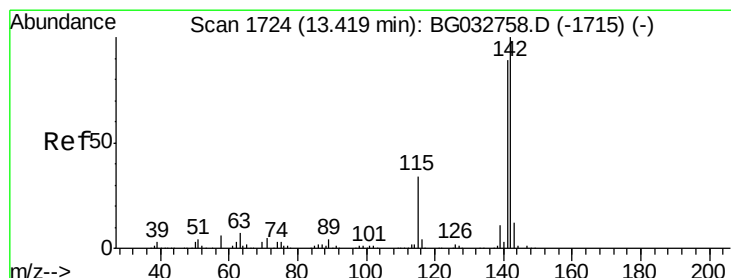
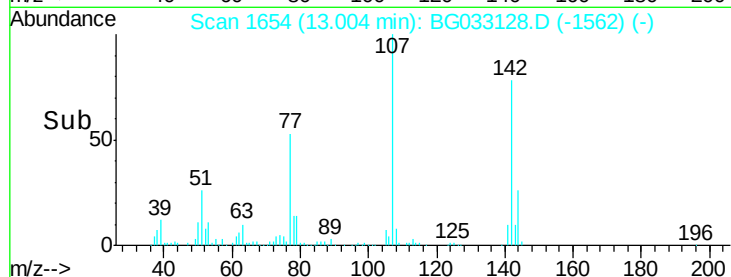
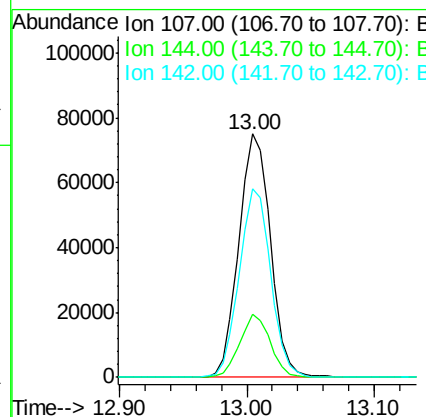
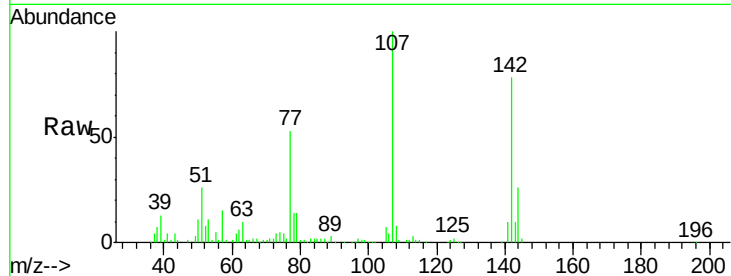
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.0	18.2	27.4
142	77.6	59.0	88.4

Manual Integrations
APPROVED

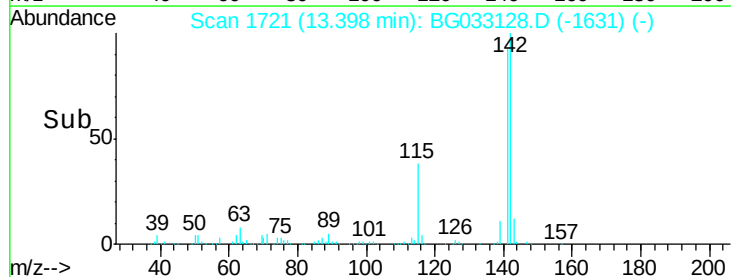
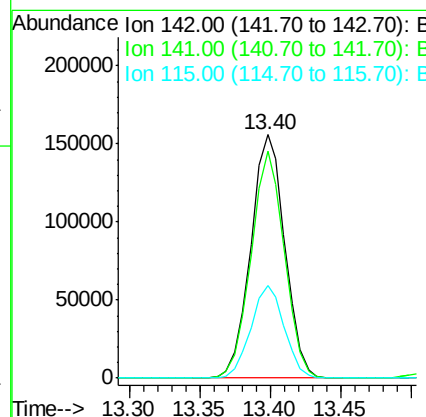
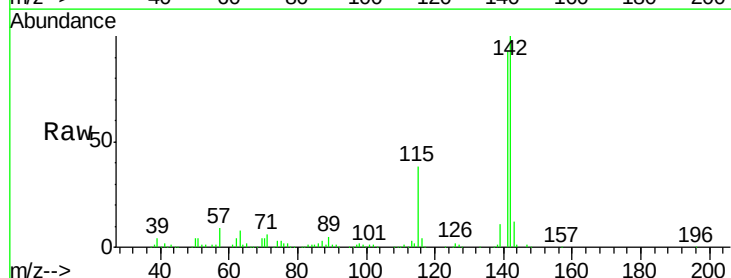
Sohil

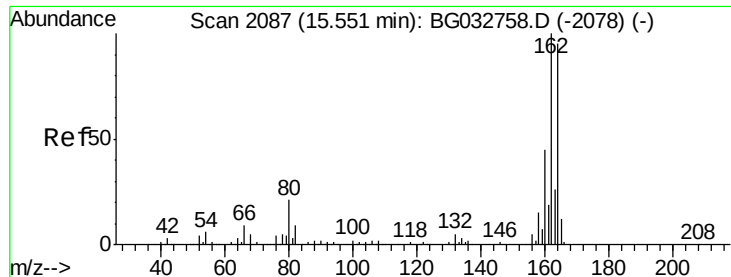
3/14/2018 1:31:42 PM



#37
2-Methylnaphthalene
Concen: 33.767 ng
RT: 13.40 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	67.1	100.7
115	38.0	30.7	46.1





#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

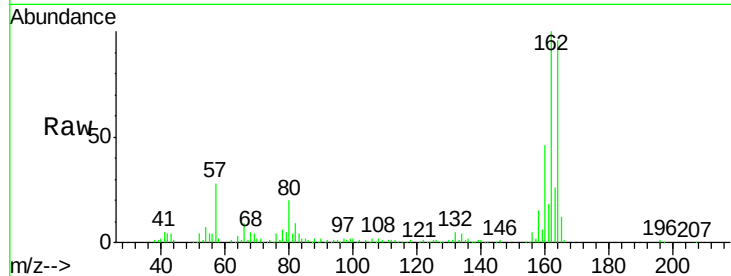
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	78.8	118.2
160	48.0	35.4	53.0

Manual Integrations
APPROVED

Sohil

3/14/2018 1:31:42 PM

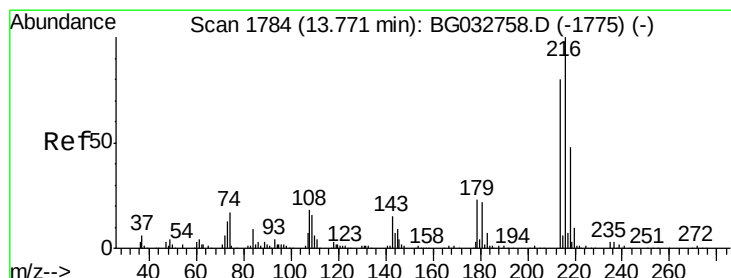
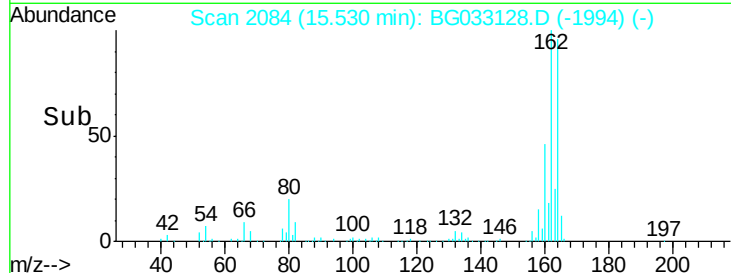
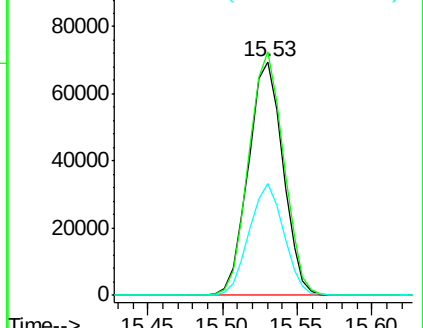


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.988 ng
RT: 13.75 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	22.3	17.0	25.6
108	20.7	12.8	19.2#

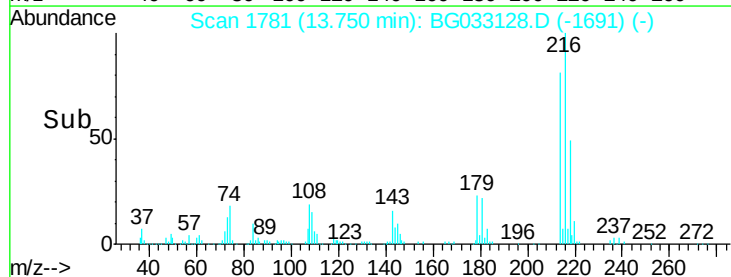
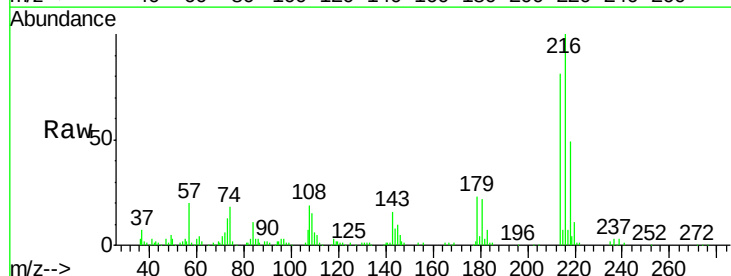
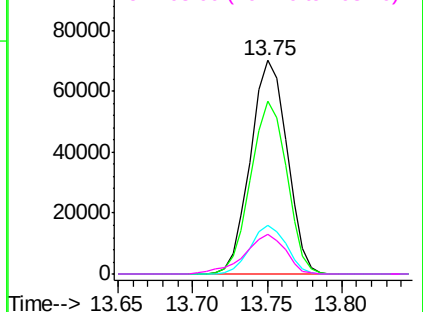
Abundance

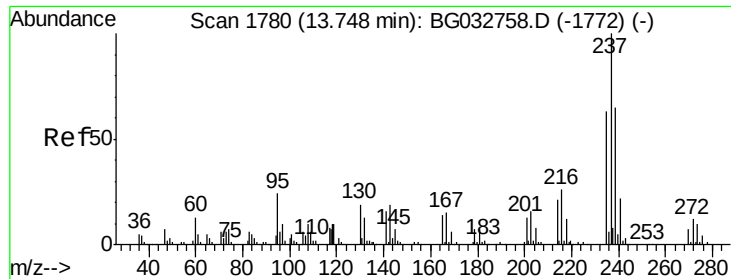
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40
Hexachlorocyclopentadiene
Concen: 49.432 ng
RT: 13.73 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

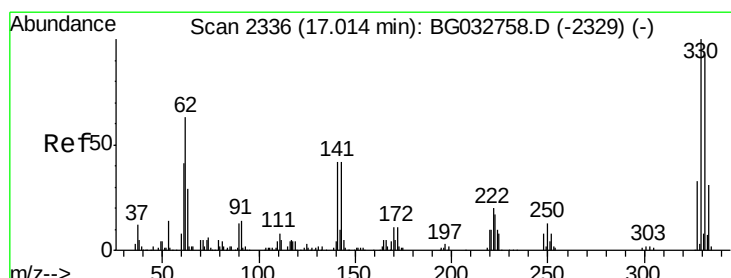
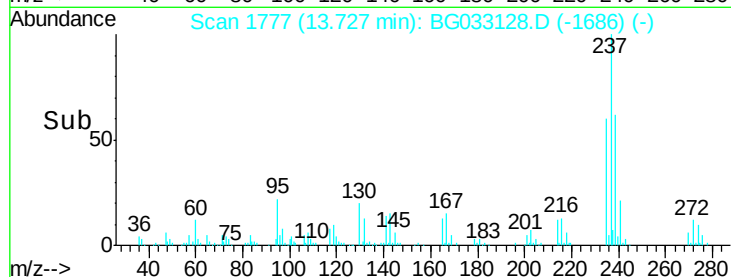
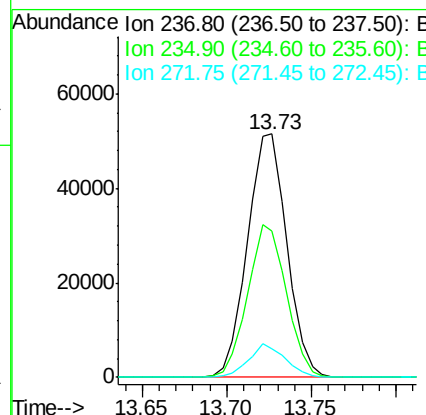
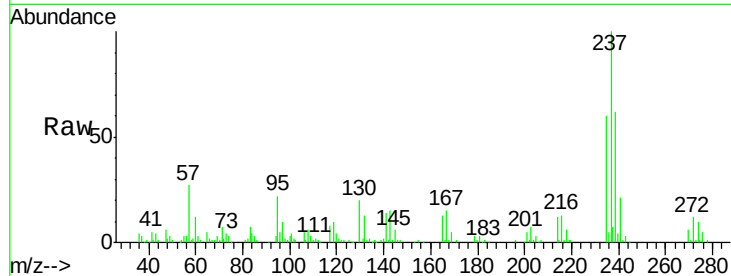
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	60.3	50.4	90.4	
272	12.0	0.0	31.8	

Manual Integrations
APPROVED

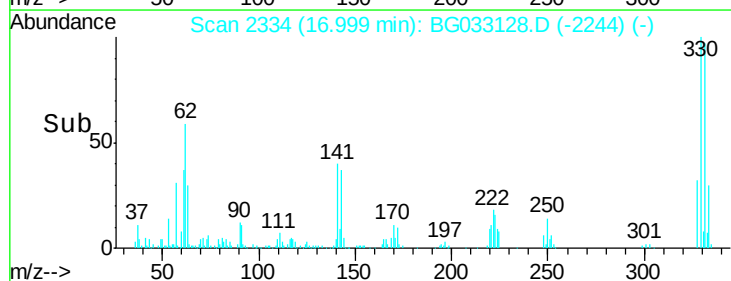
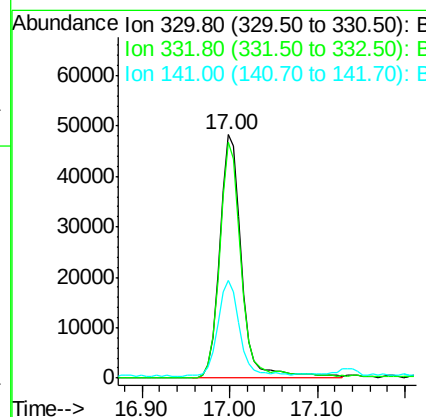
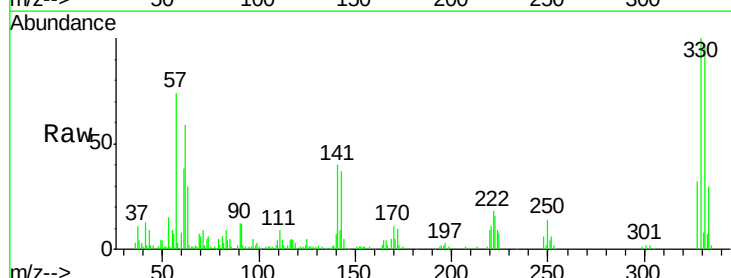
Sohil

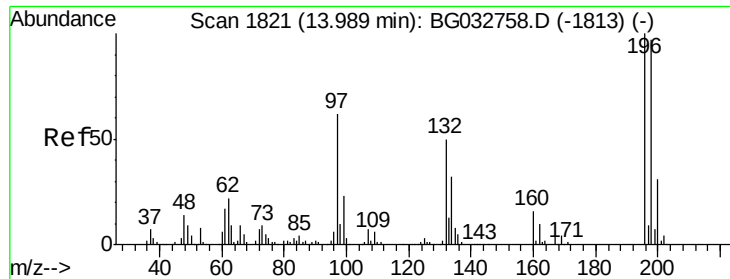
3/14/2018 1:31:42 PM



#41
2,4,6-Tribromophenol
Concen: 71.959 ng
RT: 17.00 min Scan# 2334
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	77.0	115.6	
141	39.4	25.2	37.8#	





#42

2,4,6-Trichlorophenol

Concen: 37.965 ng

RT: 13.98 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

PB107310BSD

Tot Ion:196 Resp: 79222

Ion Ratio Lower Upper

196 100

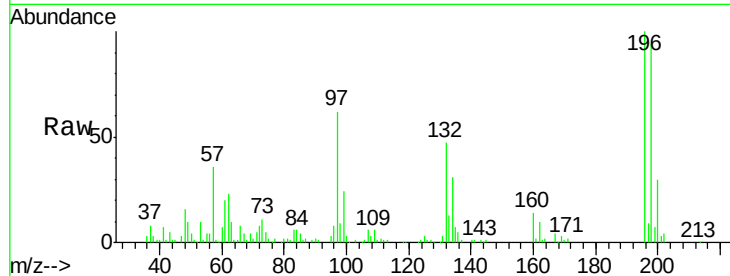
198 94.0 78.2 117.2

200 30.4 24.6 36.8

Manual Integrations
APPROVED

Sohil

3/14/2018 1:31:42 PM

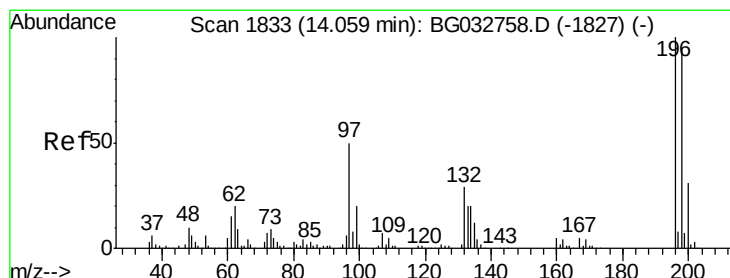
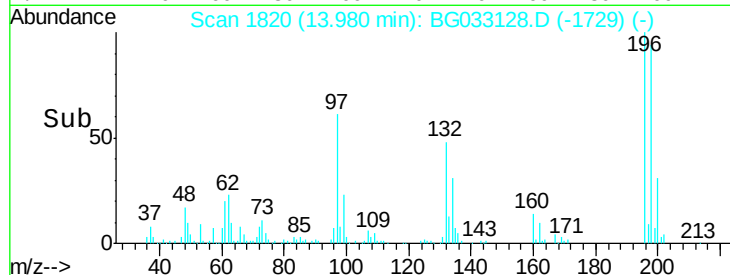
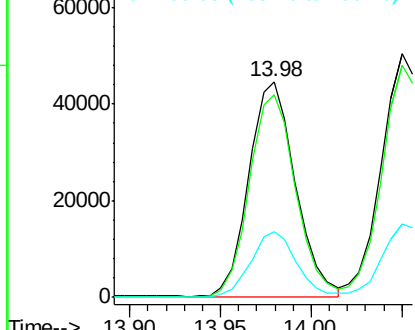


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 37.391 ng

RT: 14.05 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Tgt Ion:196 Resp: 90306

Ion Ratio Lower Upper

196 100

198 95.3 76.2 114.4

97 55.1 38.7 58.1

132 30.7 20.2 30.2#

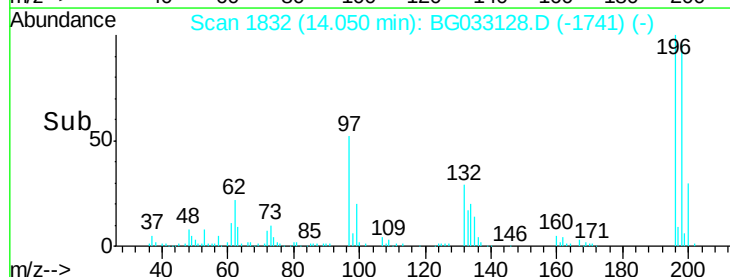
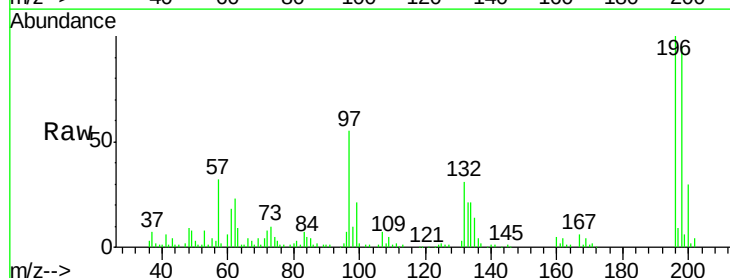
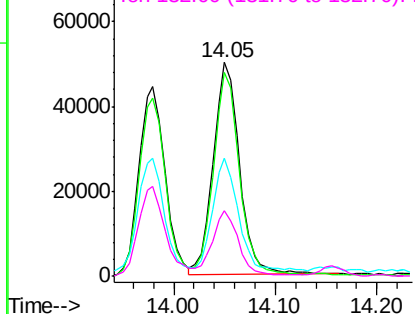
Abundance

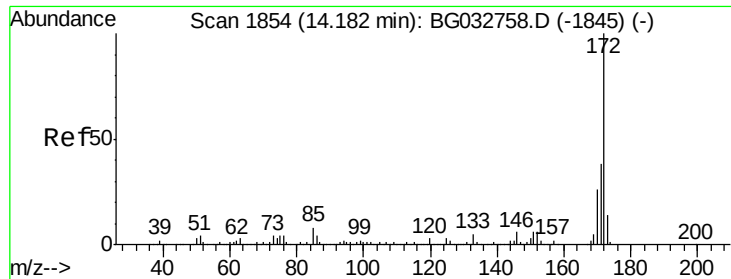
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





#44
2-Fluorobiphenyl
Concen: 75.466 ng
RT: 14.16 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

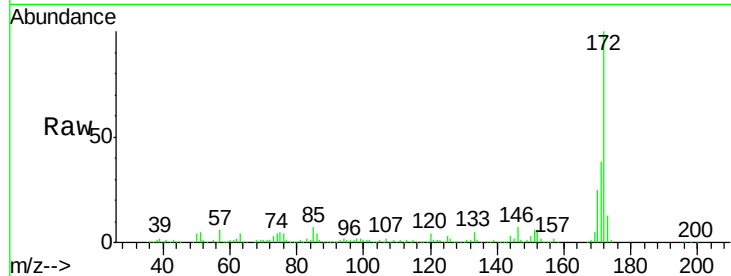
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.9	19.5	29.3

Manual Integrations
APPROVED

Sohil

3/14/2018 1:31:42 PM

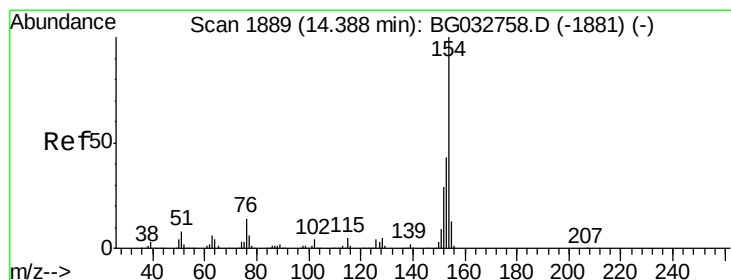
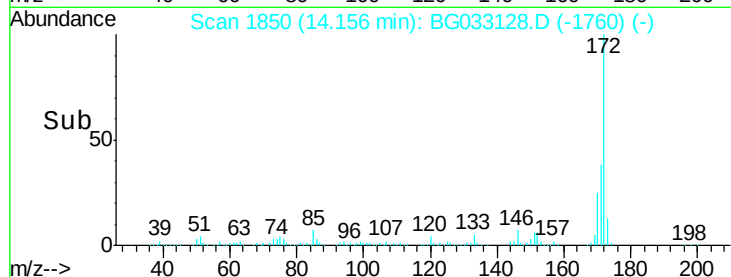
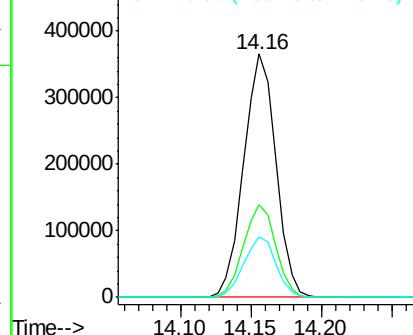


Abundance

Ion 172.00 (171.70 to 172.70): E

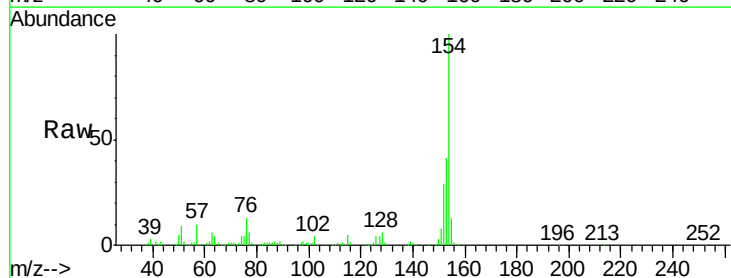
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45
1,1'-Biphenyl
Concen: 33.143 ng
RT: 14.37 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	19.8	59.8
76	12.7	0.0	31.9

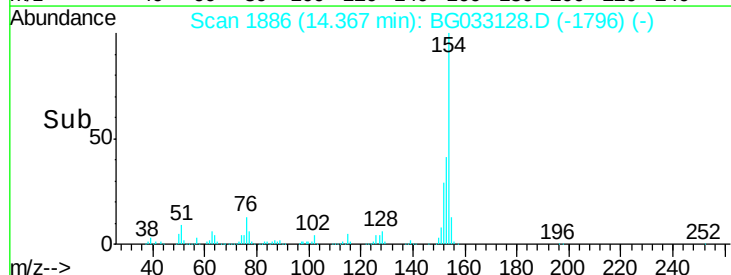
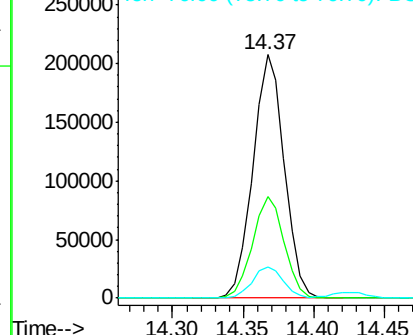


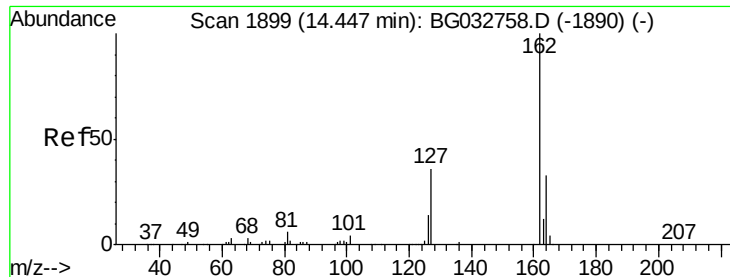
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#46
2-Chloronaphthalene
Concen: 33.913 ng
RT: 14.43 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

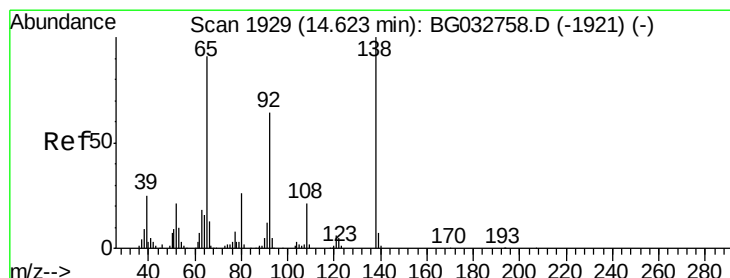
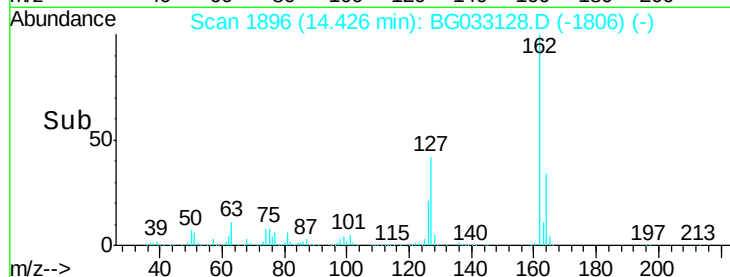
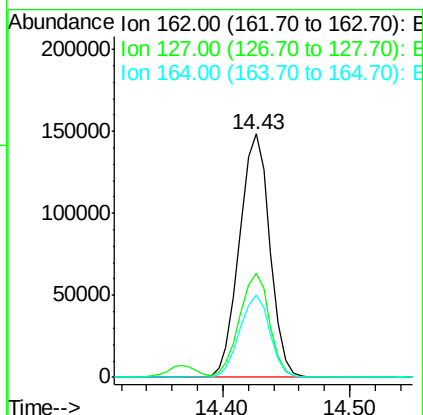
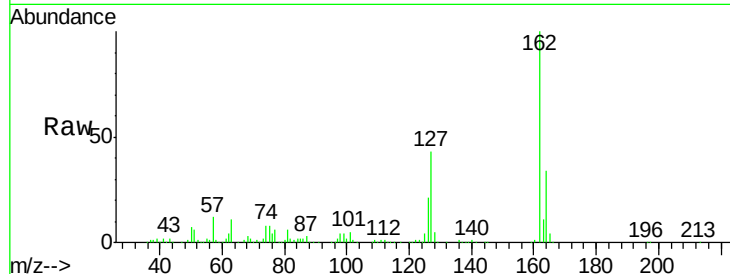
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.6	30.7	46.1
164	33.9	26.0	39.0

Manual Integrations
APPROVED

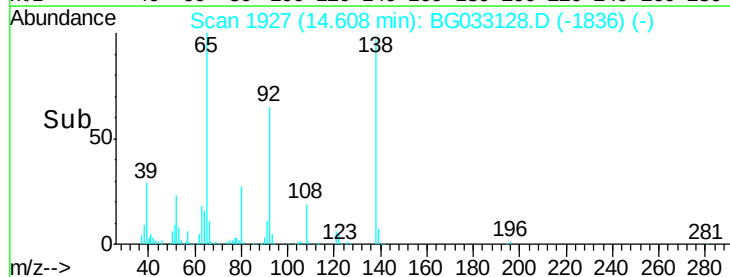
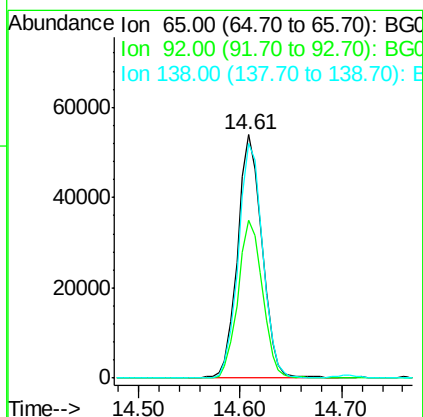
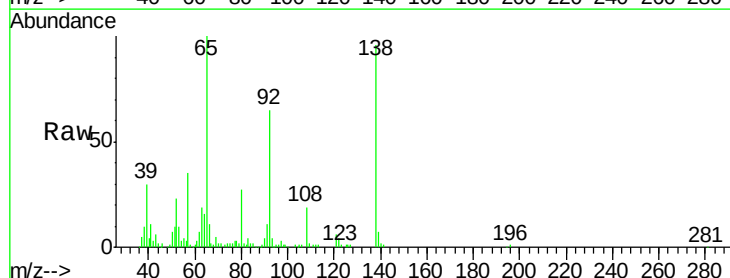
Sohil

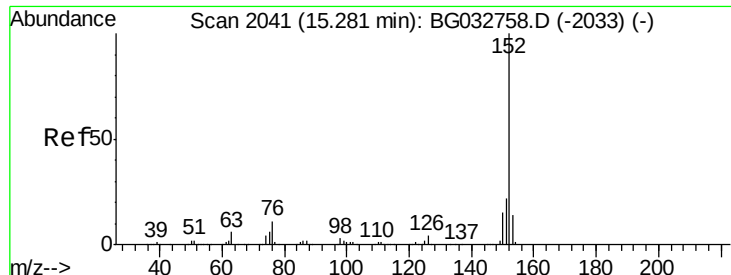
3/14/2018 1:31:42 PM



#47
2-Nitroaniline
Concen: 49.031 ng
RT: 14.61 min Scan# 1927
Delta R.T. 0.01 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.8	54.6	82.0
138	96.4	72.9	109.3





#48

Acenaphthylene

Concen: 33.327 ng

RT: 15.26 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

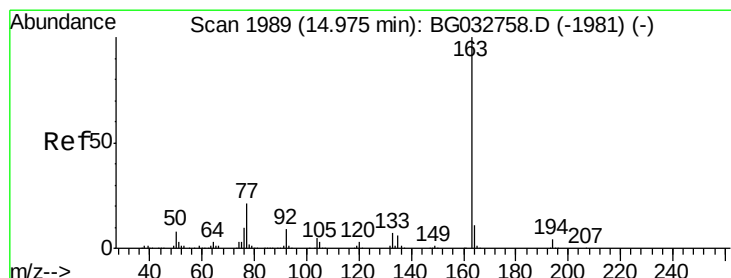
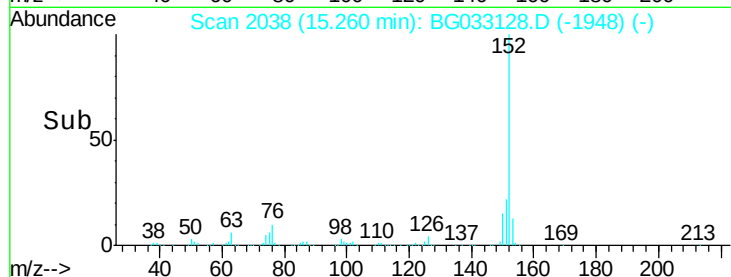
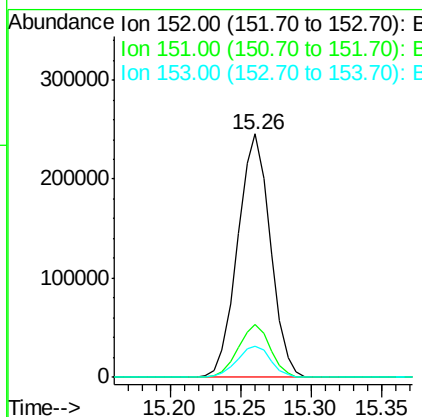
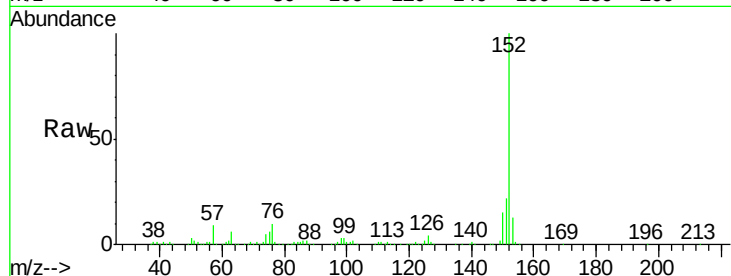
PB107310BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		397011		
151	21.5	17.2	25.8		
153	13.0	10.2	15.4		

Manual Integrations
APPROVED

Sohil

3/14/2018 1:31:42 PM



#49

Dimethylphthalate

Concen: 32.201 ng

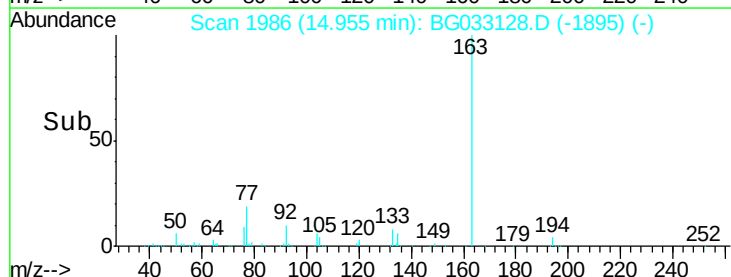
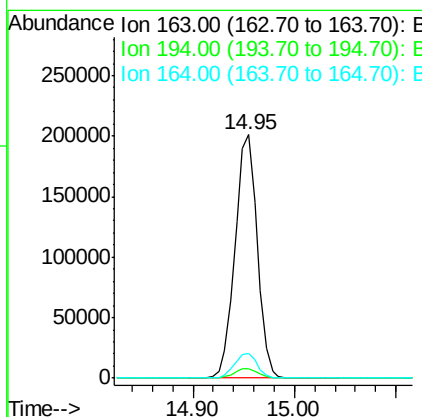
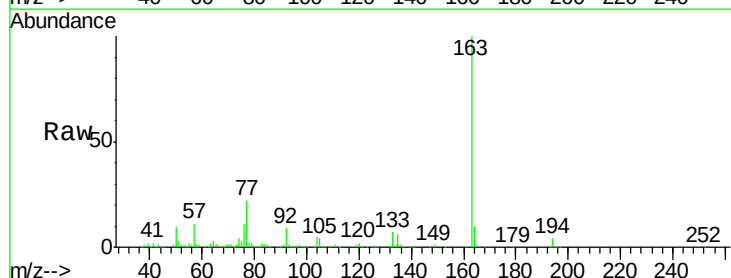
RT: 14.95 min Scan# 1986

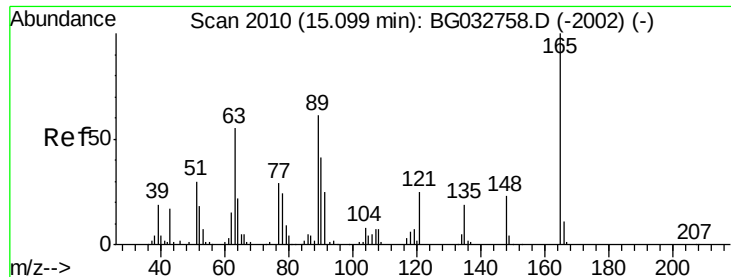
Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		304771		
194	4.0	3.4	5.2		
164	10.1	8.2	12.4		





#50
2,6-Dinitrotoluene
Concen: 44.243 ng
RT: 15.08 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

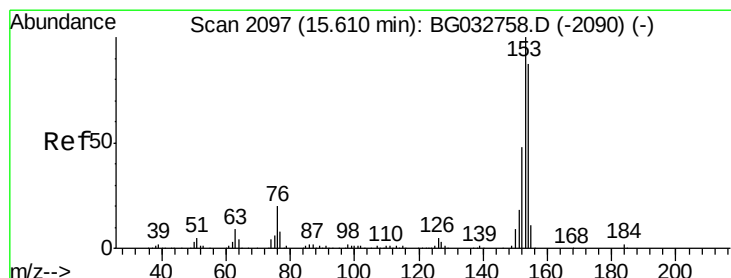
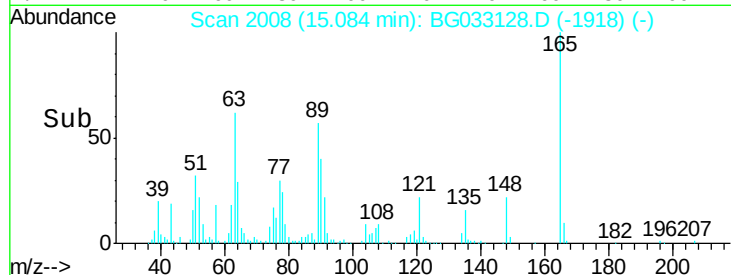
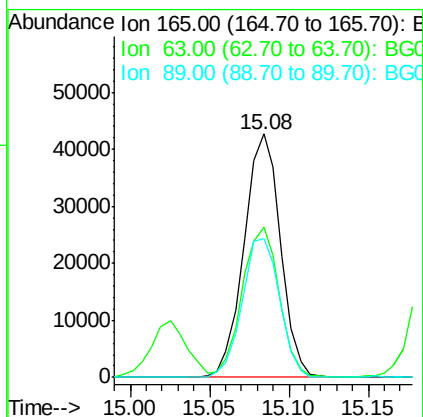
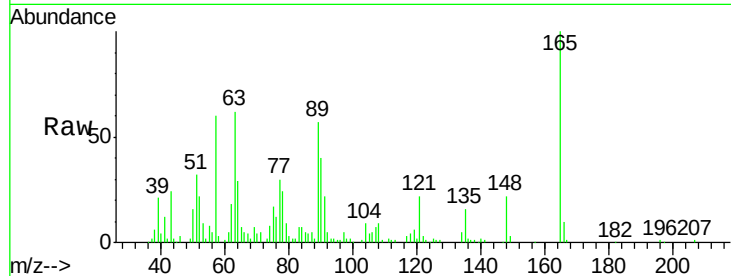
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.7	52.7	79.1
89	56.8	49.2	73.8

Manual Integrations
APPROVED

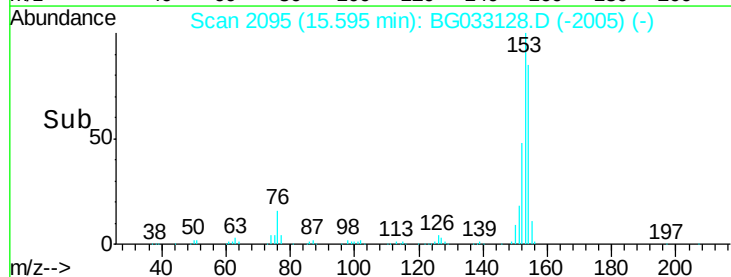
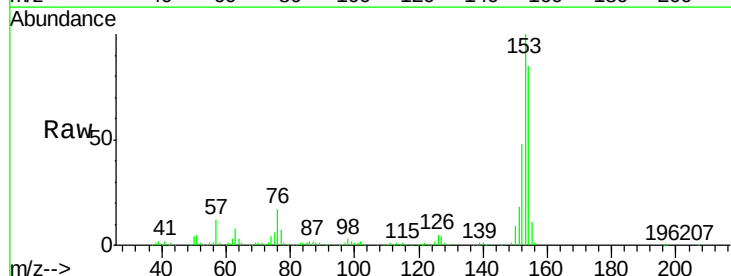
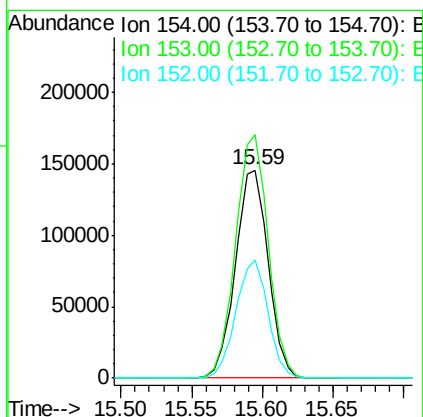
Sohil

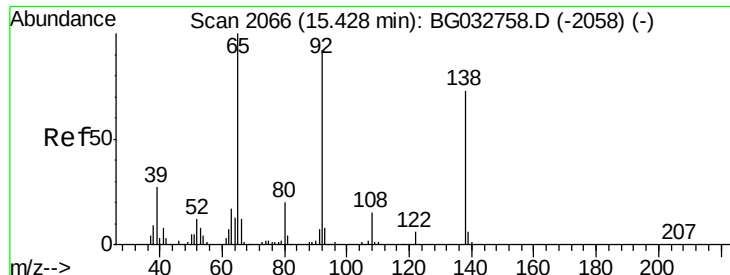
3/14/2018 1:31:42 PM



#51
Acenaphthene
Concen: 31.730 ng
RT: 15.59 min Scan# 2095
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.0	90.4	135.6
152	56.5	41.6	62.4





#52
3-Nitroaniline
Concen: 31.003 ng
RT: 15.42 min Scan# 2065
Delta R.T. 0.01 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

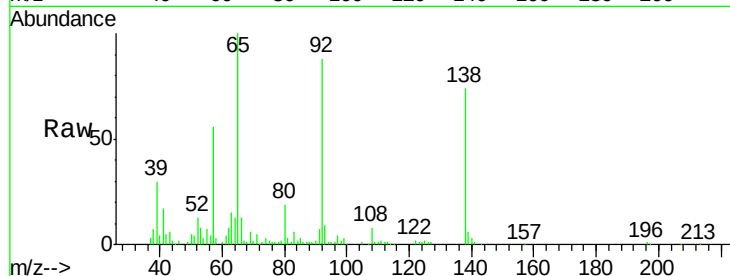
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	17.5	26.3#
92	118.2	105.8	158.8

Manual Integrations
APPROVED

Sohil

3/14/2018 1:31:42 PM

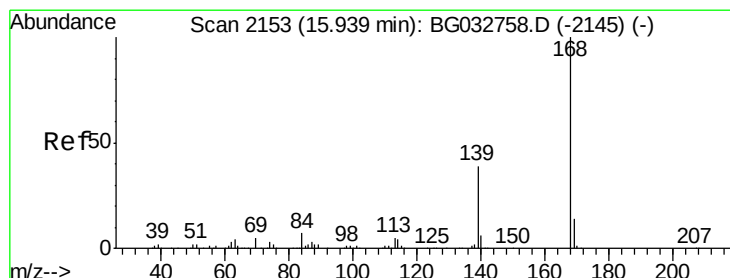
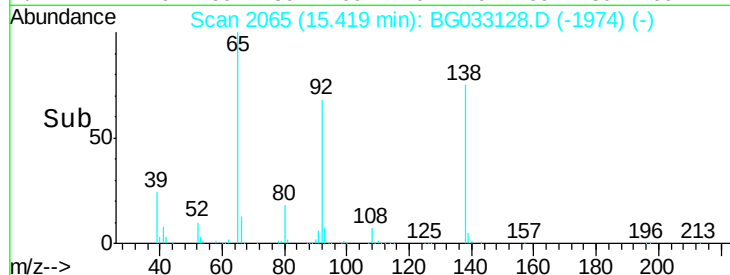
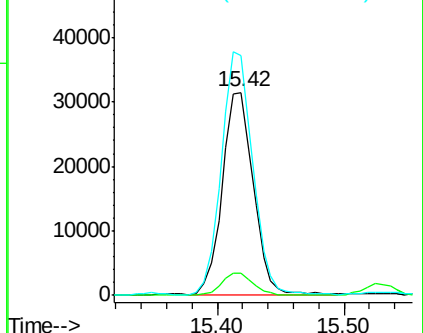


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
Dibenzofuran
Concen: 34.960 ng
RT: 15.92 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

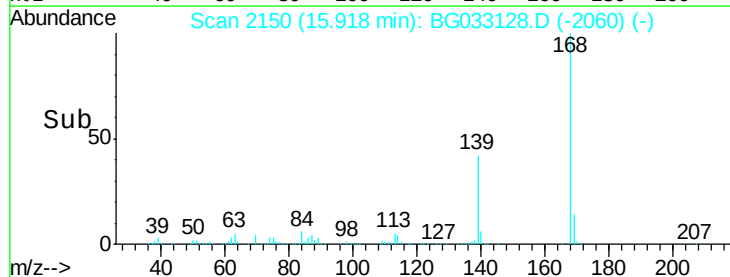
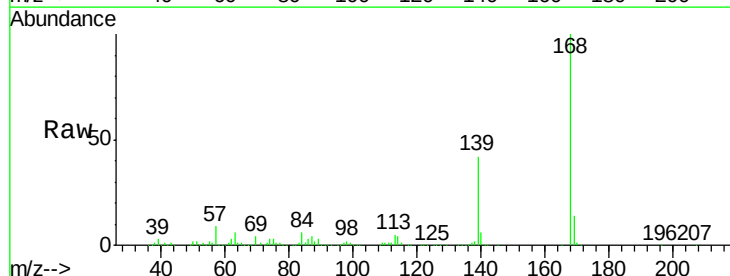
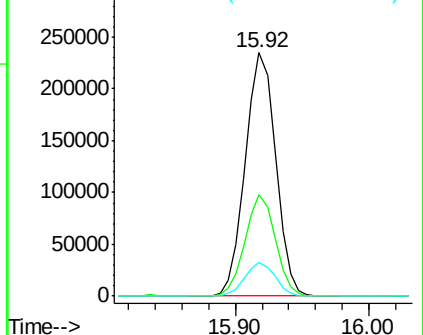
Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.7	28.6	43.0
169	14.0	11.2	16.8

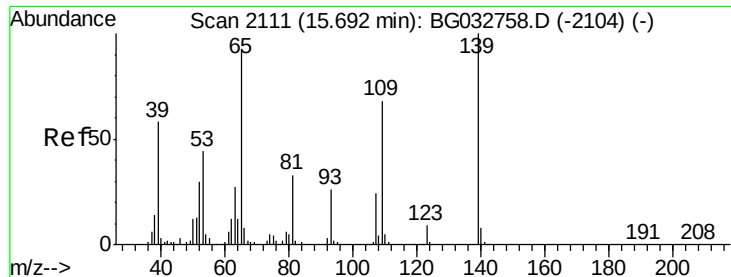
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55
4-Nitrophenol
Concen: 49.696 ng
RT: 15.69 min Scan# 2112
Delta R.T. 0.02 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

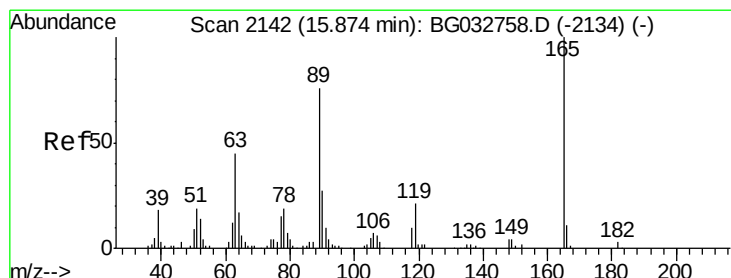
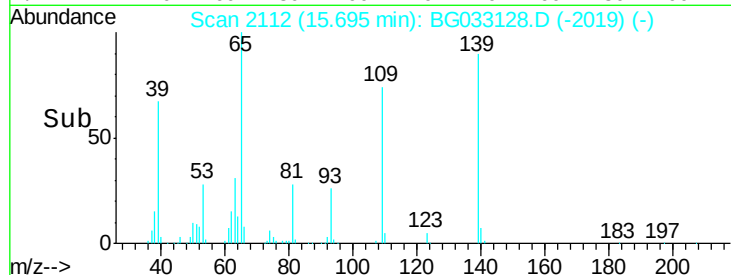
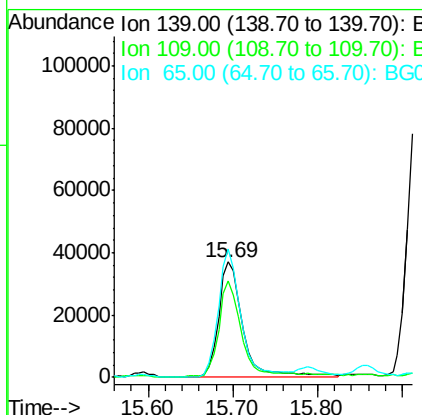
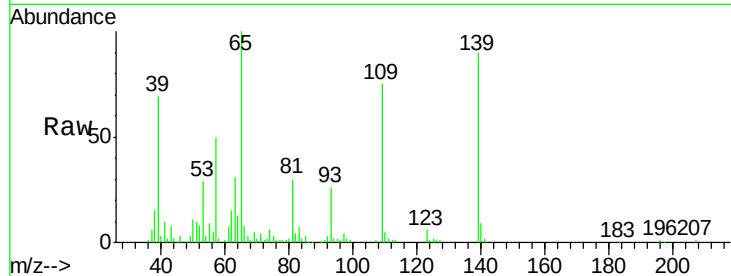
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	82.9	62.2	102.2
65	110.7	97.2	137.2

Manual Integrations
APPROVED

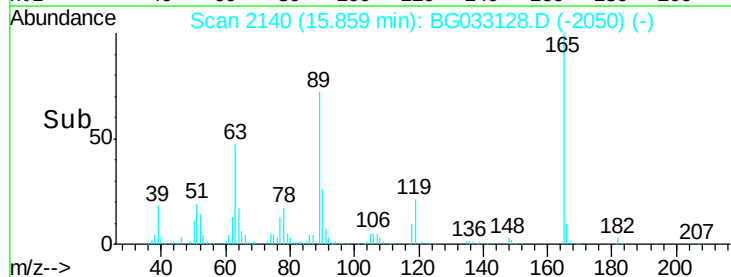
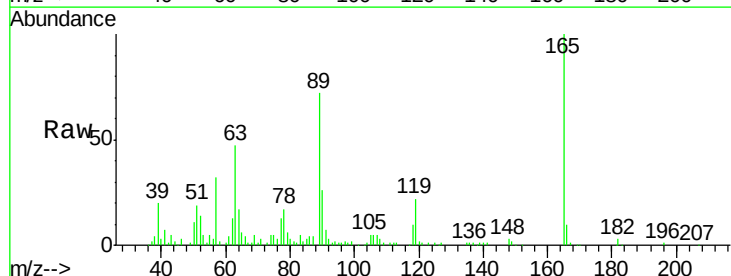
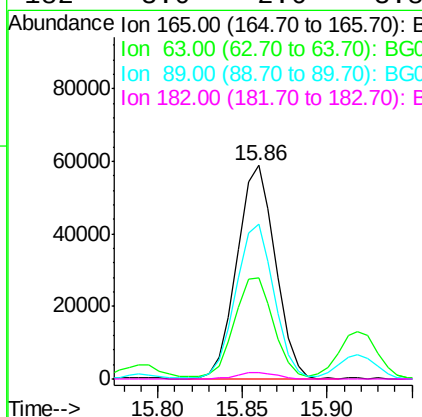
Sohil

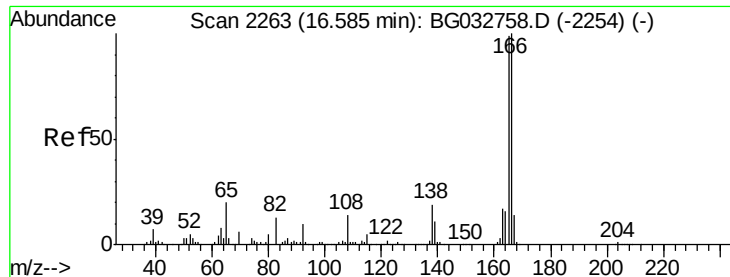
3/14/2018 1:31:42 PM



#56
2,4-Dinitrotoluene
Concen: 50.459 ng
RT: 15.86 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.1	42.0	63.0
89	72.4	66.9	100.3
182	3.0	2.6	3.8





#57
 Fluorene
 Concen: 33.496 ng
 RT: 16.56 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

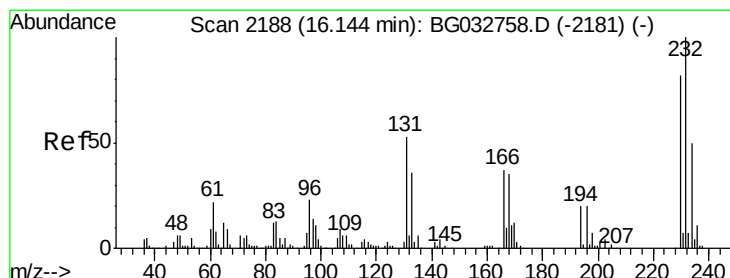
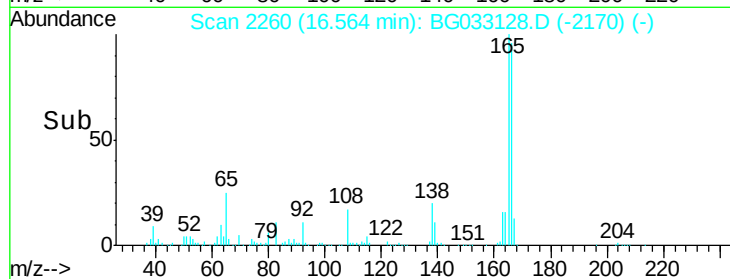
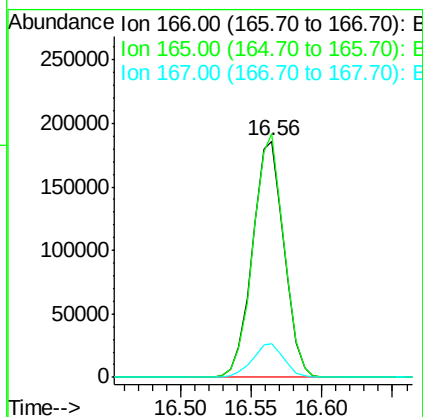
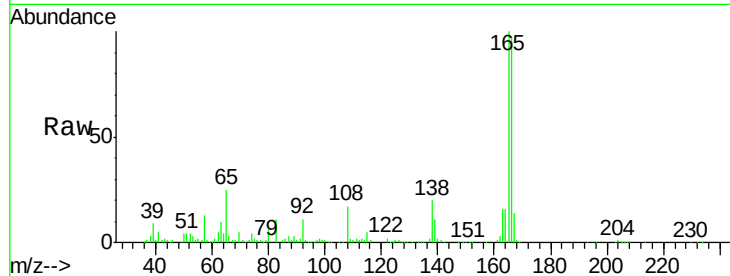
Instrument :
 BNA_G
 ClientSampleId :
 PB107310BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	103.1	80.6	121.0		
167	14.2	10.4	15.6		

Manual Integrations
 APPROVED

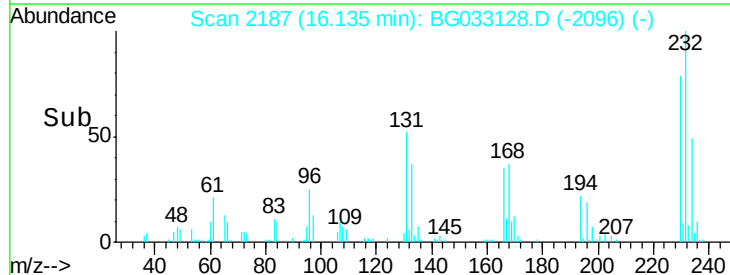
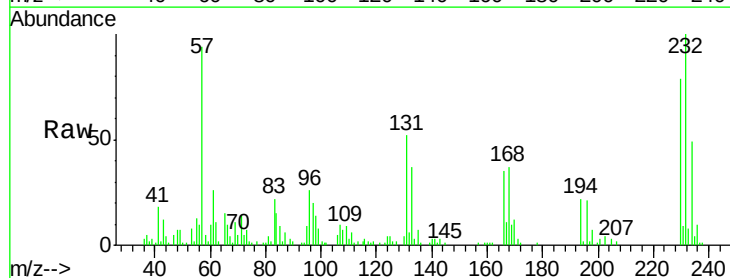
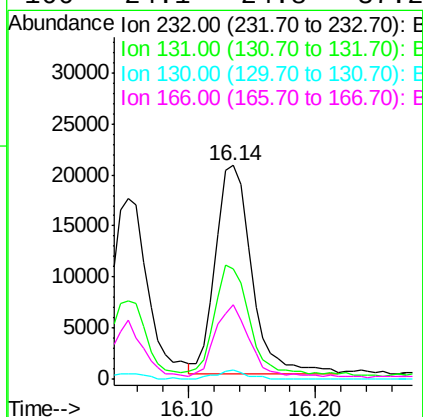
Sohil

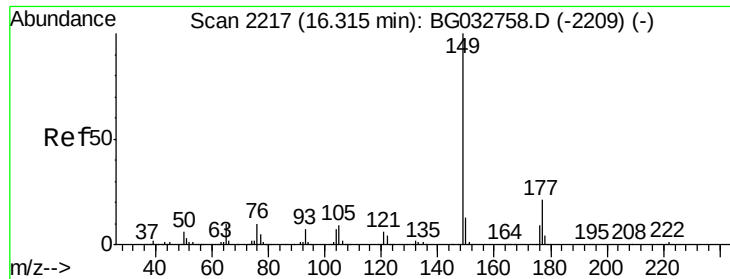
3/14/2018 1:31:42 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 21.361 ng m
 RT: 16.14 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	37.8	33.5	50.3		
130	2.2	2.2	3.2		
166	24.1	24.8	37.2#		





#59
Diethylphthalate
Concen: 32.768 ng
RT: 16.29 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

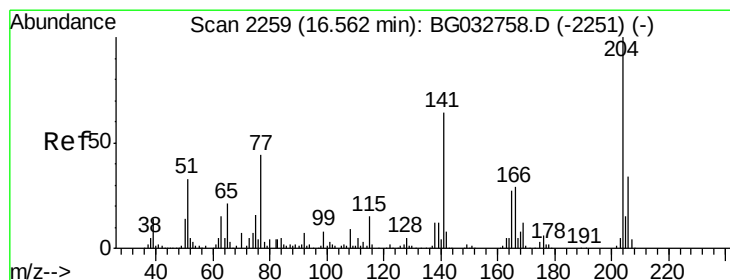
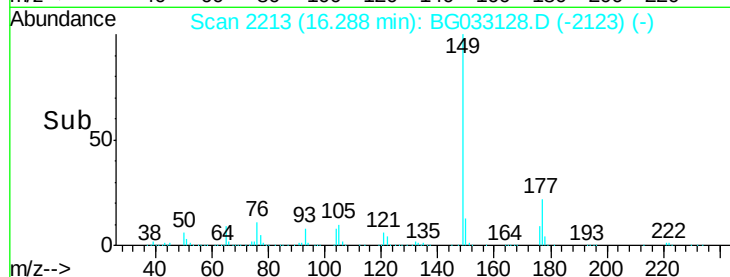
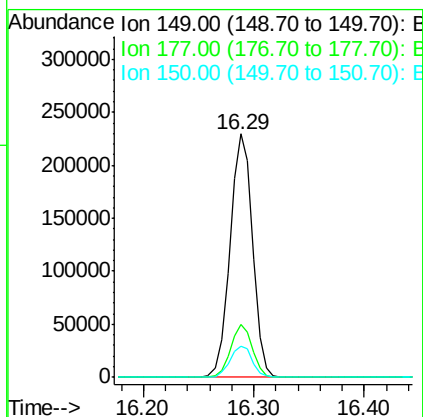
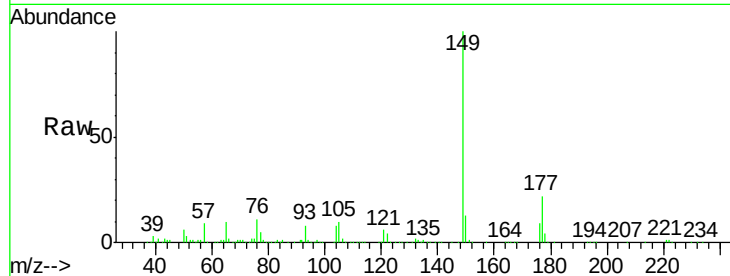
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	18.5	27.7
150	12.7	10.2	15.2

Manual Integrations
APPROVED

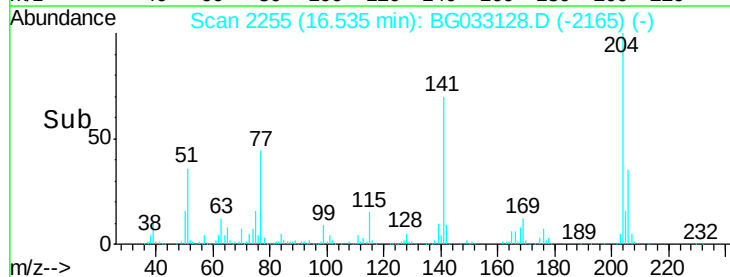
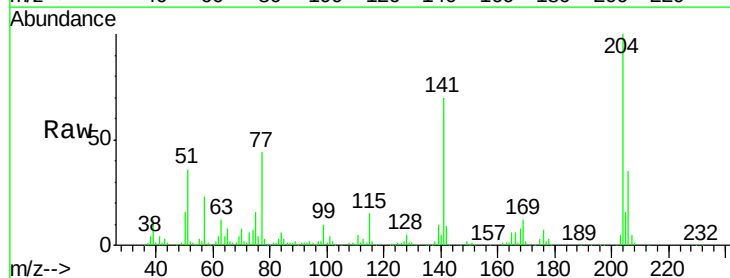
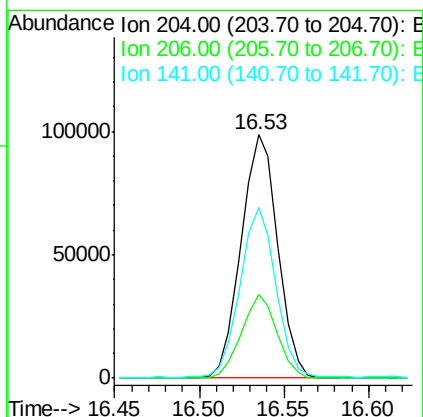
Sohil

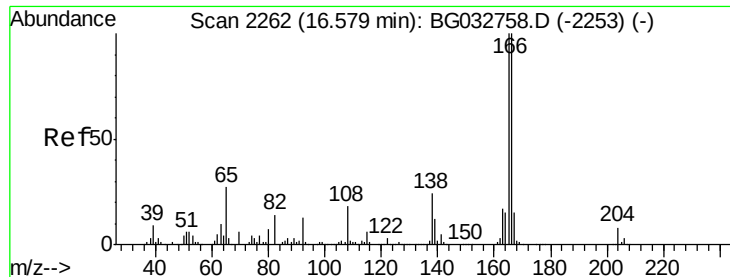
3/14/2018 1:31:42 PM



#60
4-Chlorophenyl-phenylether
Concen: 34.767 ng
RT: 16.53 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.2	39.2
141	70.1	45.8	68.6





#61

4-Nitroaniline

Concen: 36.004 ng

RT: 16.56 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

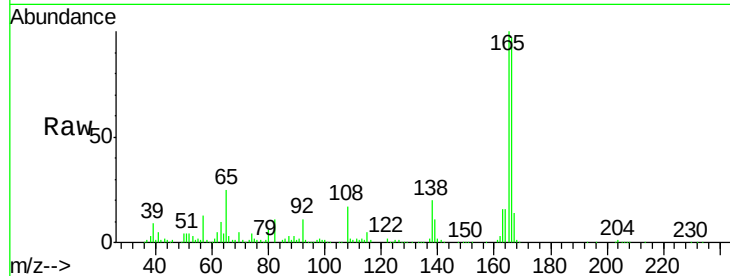
PB107310BSD

Tot Ion:	138	Resp:	70720
Ion	Ratio	Lower	Upper
138	100		
92	53.6	40.1	80.1
108	82.9	65.4	105.4

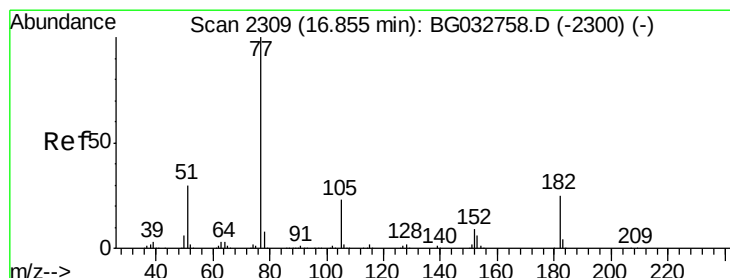
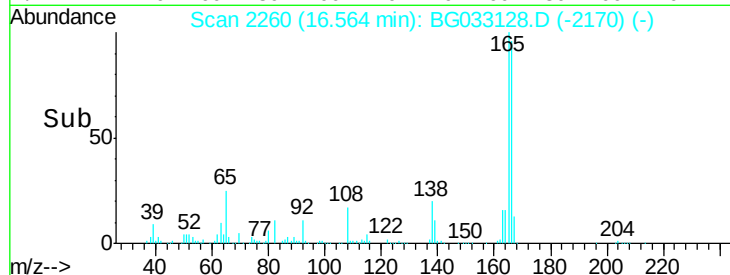
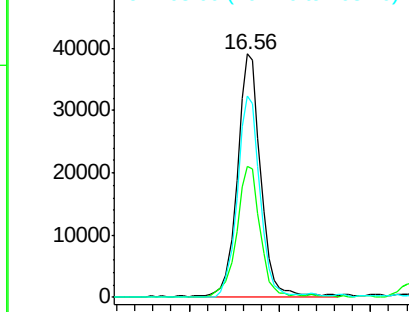
Manual Integrations
APPROVED

Sohil

3/14/2018 1:31:42 PM



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.256 ng

RT: 16.83 min Scan# 2305

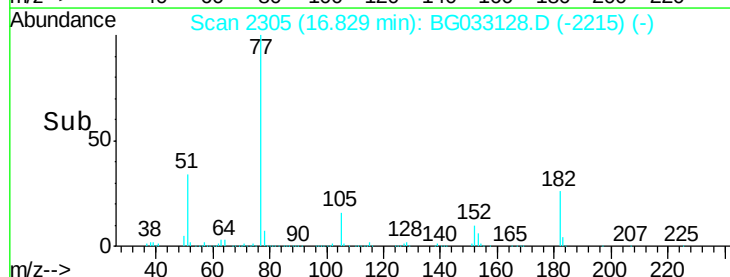
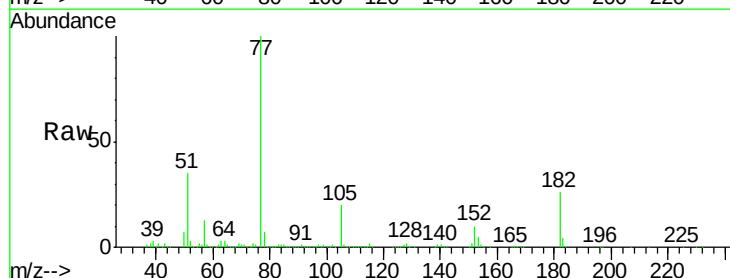
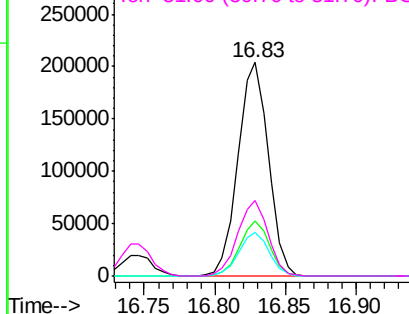
Delta R.T. 0.00 min

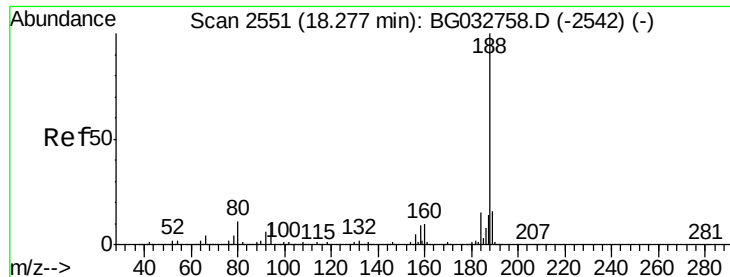
Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Tgt Ion:	77	Resp:	305927
Ion	Ratio	Lower	Upper
77	100		
182	25.6	7.4	47.4
105	20.3	0.3	40.3
51	35.2	11.6	51.6

Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

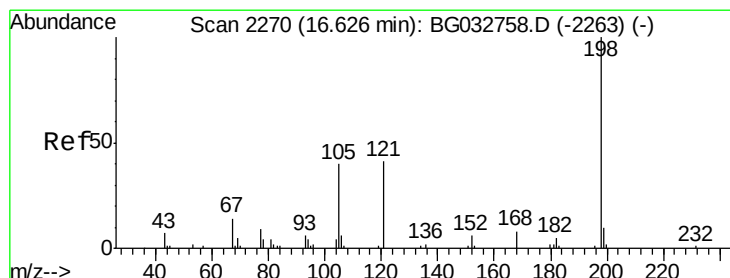
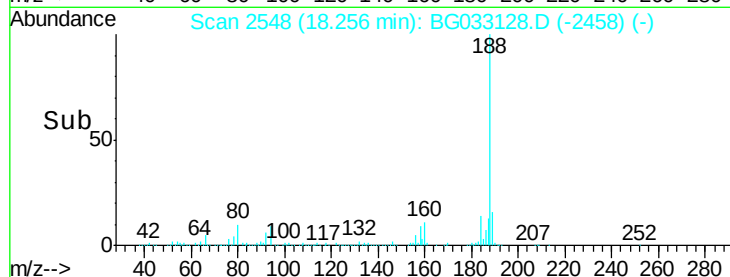
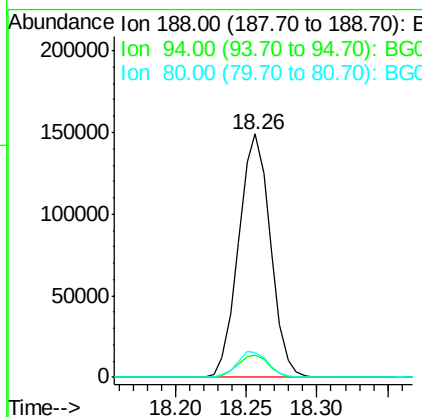
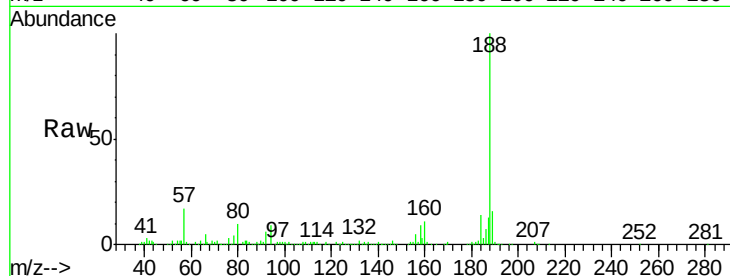
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion:	188	Resp:	234437
Ion Ratio		Lower	Upper
188	100		
94	9.2	6.9	10.3
80	10.3	7.7	11.5

Manual Integrations
APPROVED

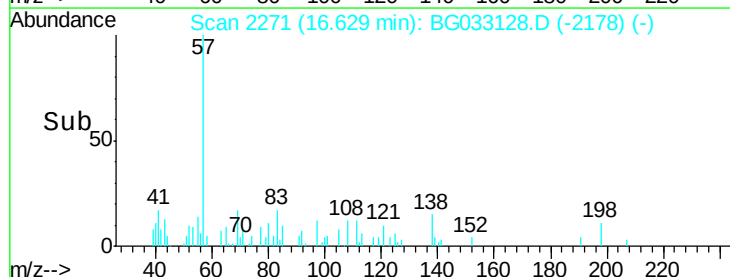
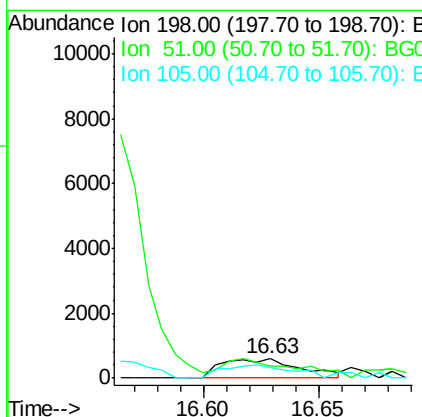
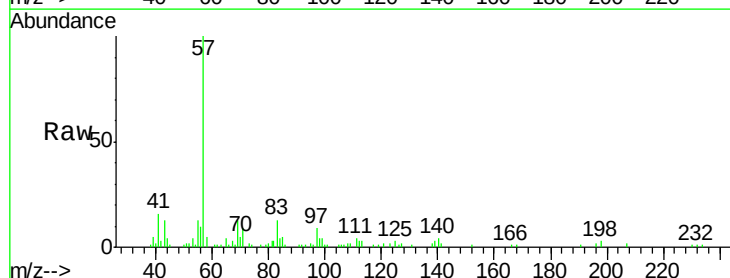
Sohil

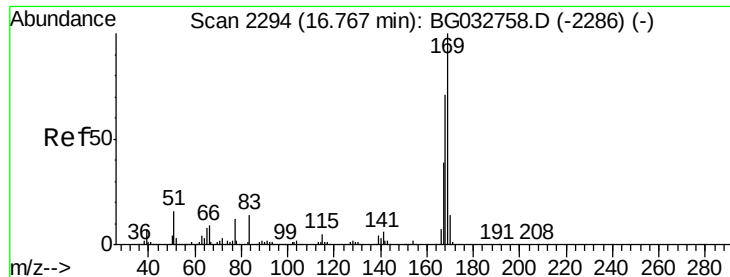
3/14/2018 1:31:42 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 7.410 ng
RT: 16.63 min Scan# 2271
Delta R.T. 0.02 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion:	198	Resp:	1376
Ion Ratio		Lower	Upper
198	100		
51	59.7	30.6	70.6
105	52.9	23.8	63.8





#65
 n-Nitrosodiphenylamine
 Concen: 35.241 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

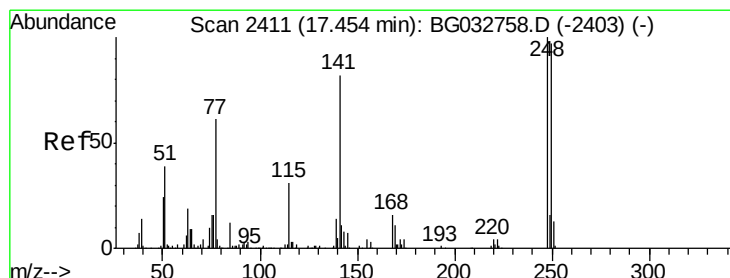
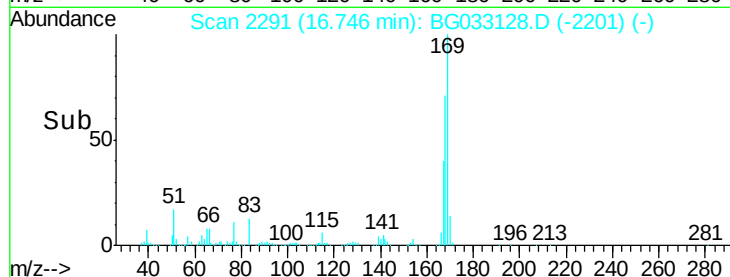
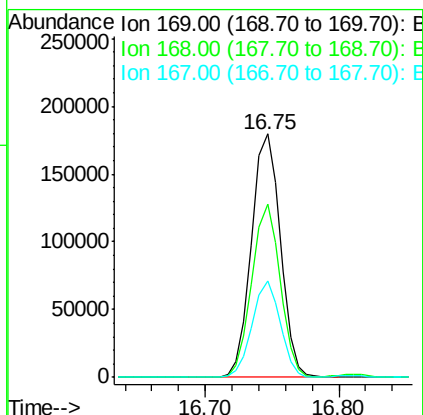
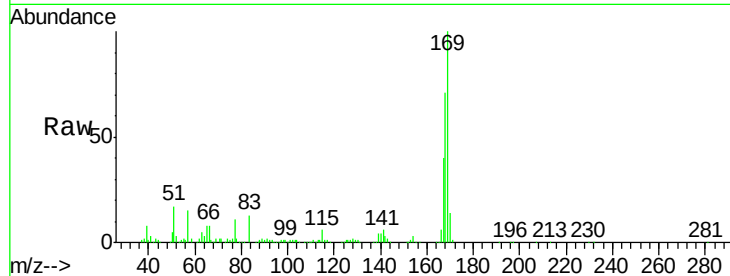
Instrument :
 BNA_G
 ClientSampleId :
 PB107310BSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.9	55.7	83.5
167	39.6	30.1	45.1

Manual Integrations
 APPROVED

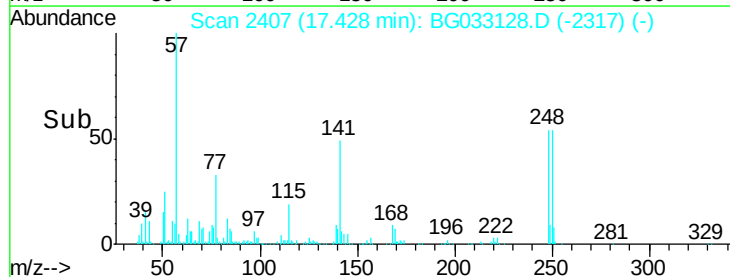
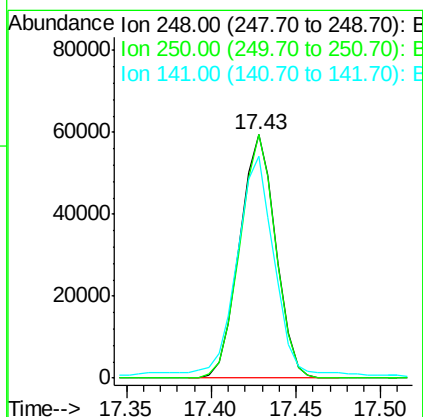
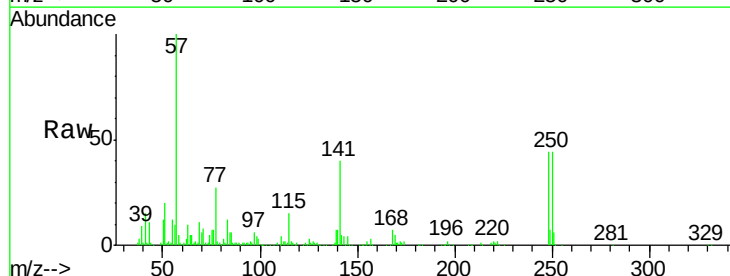
Sohil

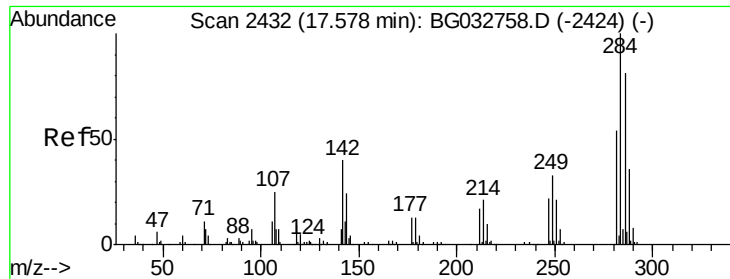
3/14/2018 1:31:42 PM



#66
 4-Bromophenyl-phenylether
 Concen: 35.565 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. 0.00 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.0	77.1	115.7
141	91.2	50.8	76.2





#67
Hexachlorobenzene
Concen: 35.913 ng
RT: 17.56 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

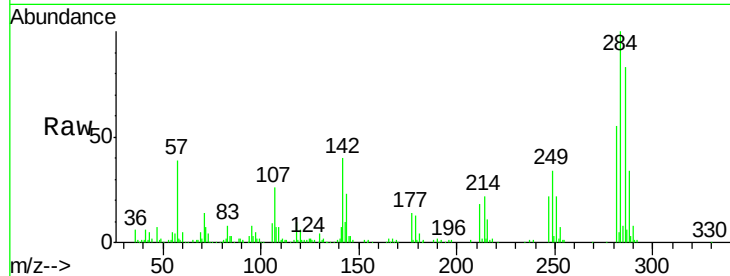
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	39.8	26.8	40.2
249	33.6	26.3	39.5

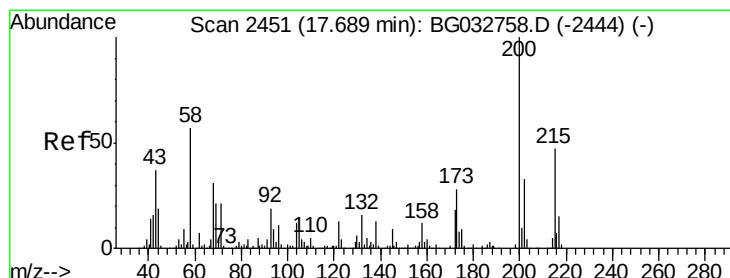
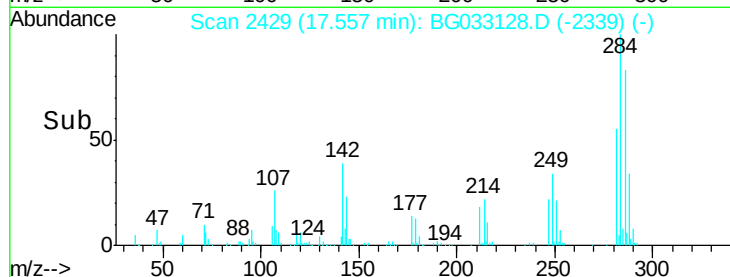
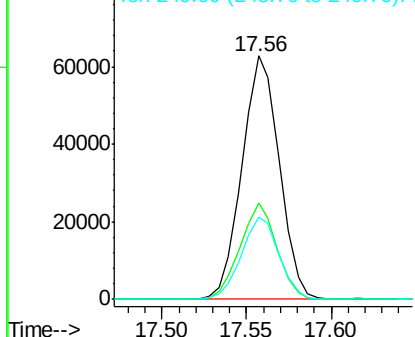
Manual Integrations
APPROVED

Sohil

3/14/2018 1:31:42 PM

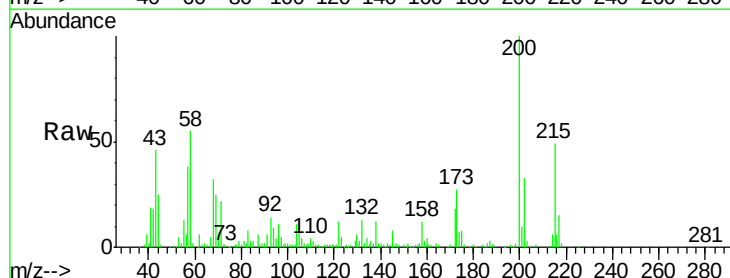


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

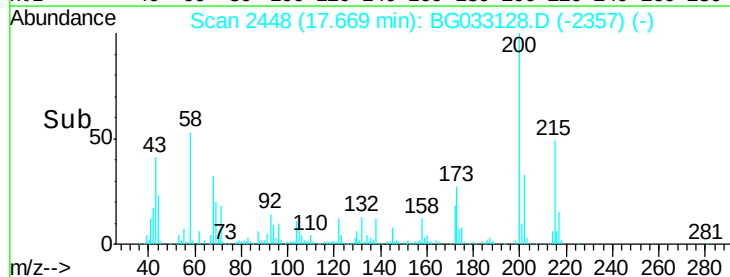
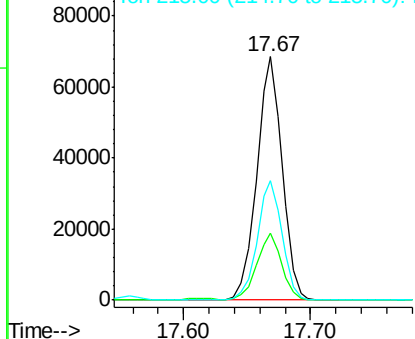


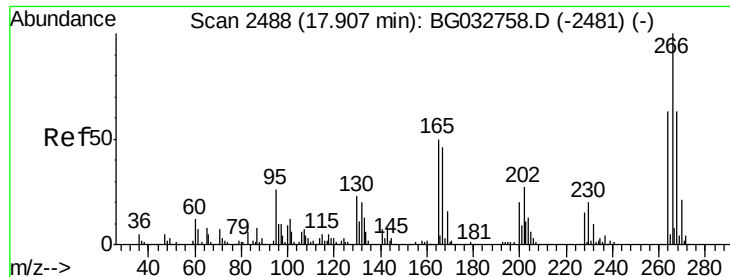
#68
Atrazine
Concen: 38.007 ng
RT: 17.67 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.3	5.2	45.2
215	49.1	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69
 Pentachlorophenol
 Concen: 7.607 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. 0.01 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

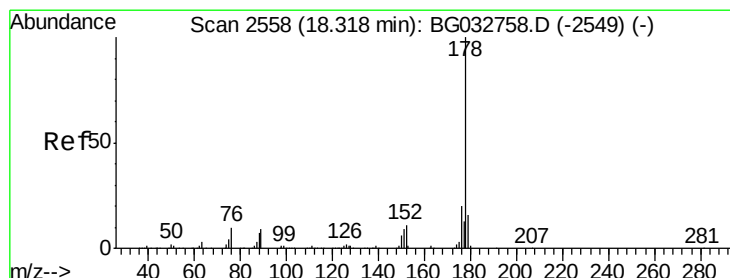
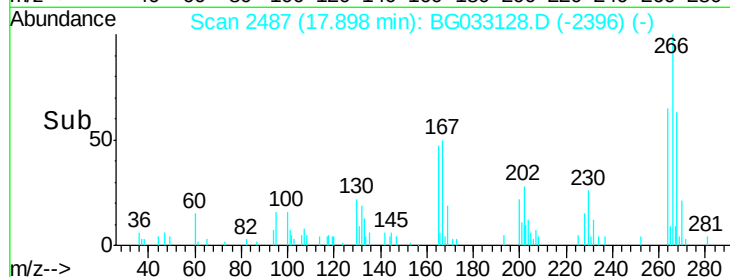
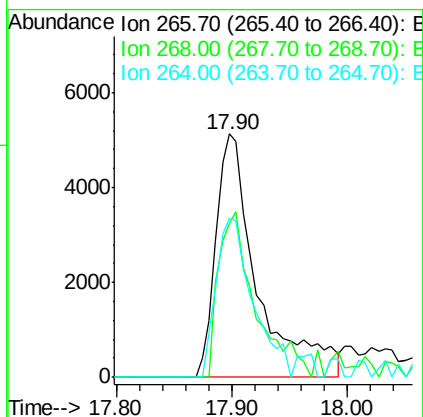
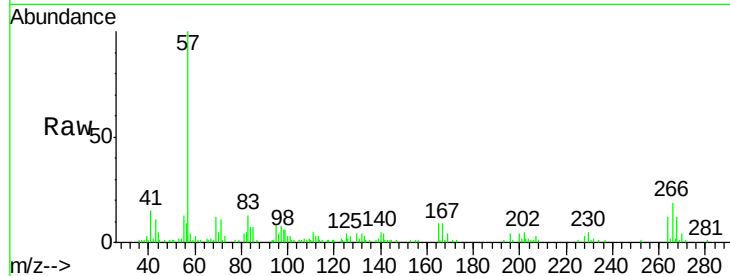
Instrument :
 BNA_G
 ClientSampleId :
 PB107310BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	65.3	49.6	74.4

Manual Integrations
 APPROVED

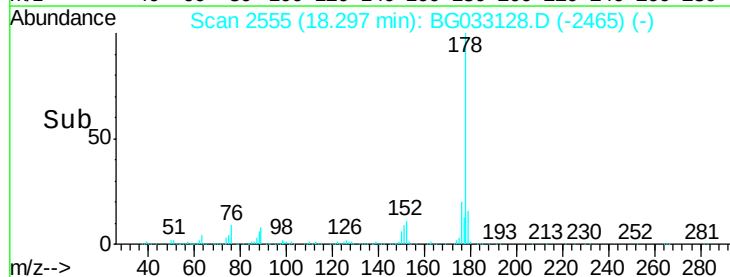
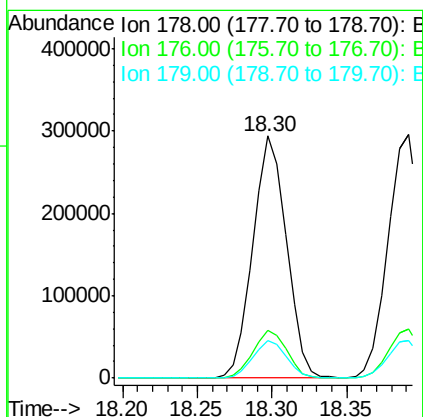
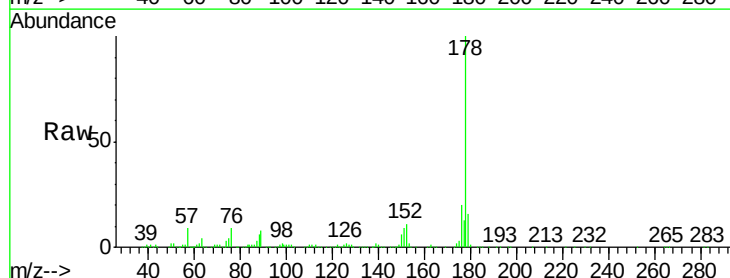
Sohil

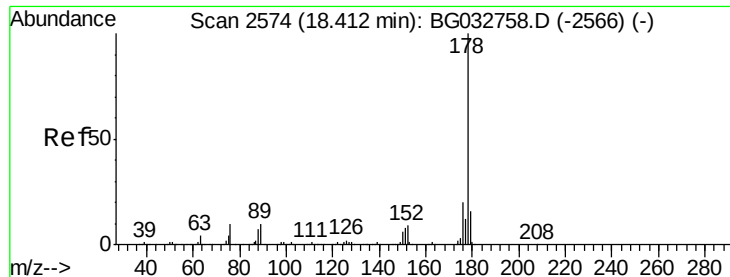
3/14/2018 1:31:42 PM



#70
 Phenanthrene
 Concen: 34.947 ng
 RT: 18.30 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.6	12.5	18.7





#71
 Anthracene
 Concen: 35.544 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

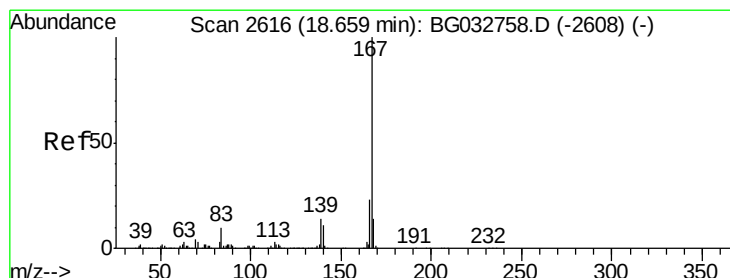
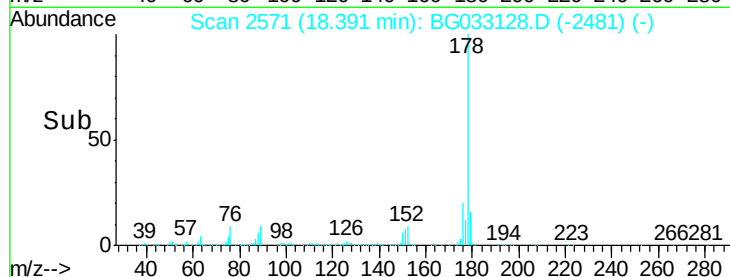
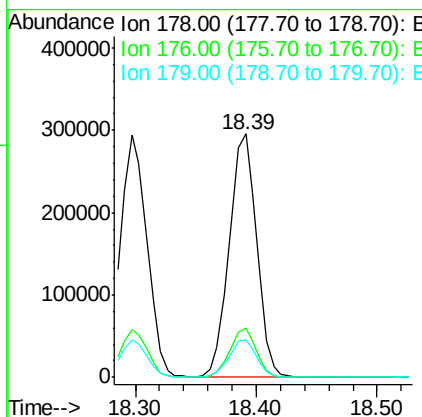
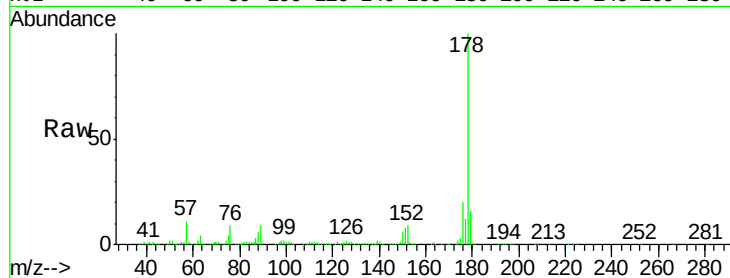
Instrument :
 BNA_G
 ClientSampleId :
 PB107310BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	15.5	12.5	18.7

Manual Integrations
 APPROVED

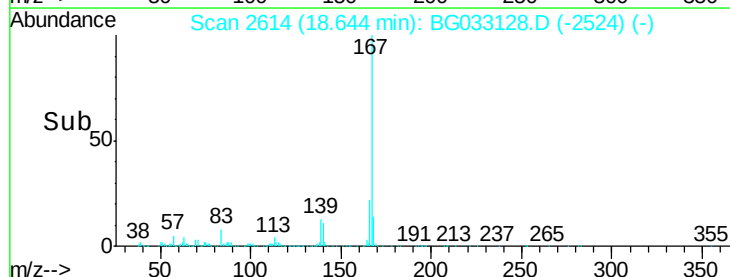
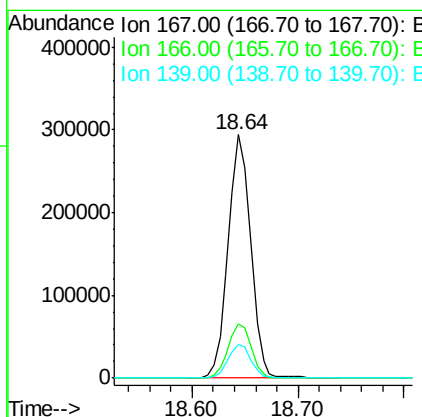
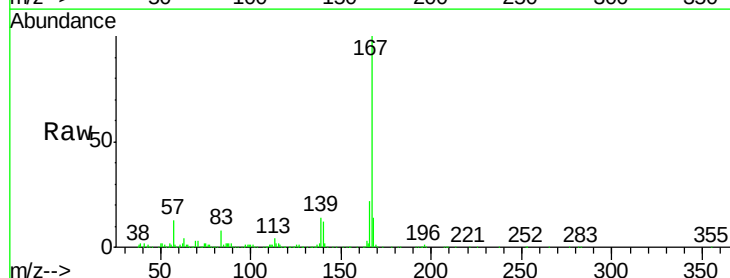
Sohil

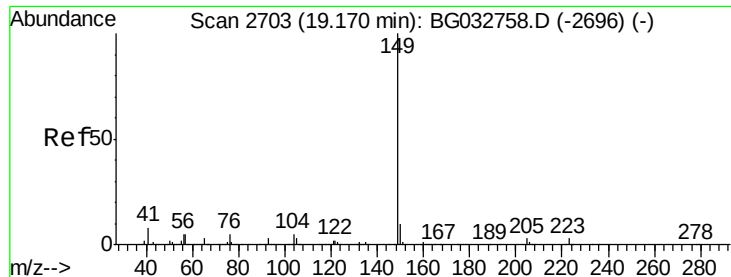
3/14/2018 1:31:42 PM



#72
 Carbazole
 Concen: 33.607 ng
 RT: 18.64 min Scan# 2614
 Delta R.T. 0.00 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	13.6	9.4	14.2





#73
Di-n-butylphthalate
Concen: 34.795 ng
RT: 19.14 min Scan# 2698
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

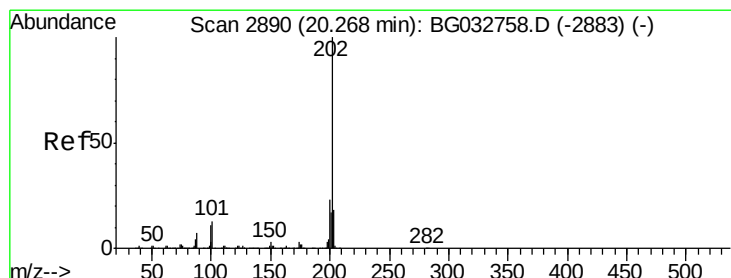
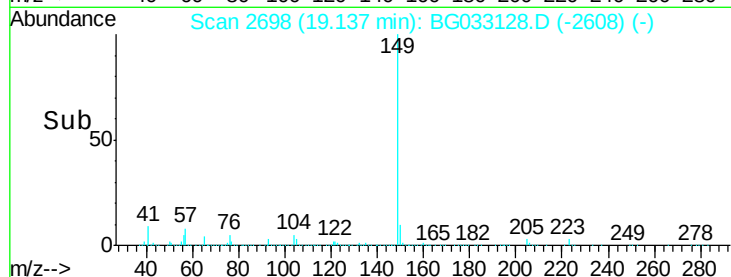
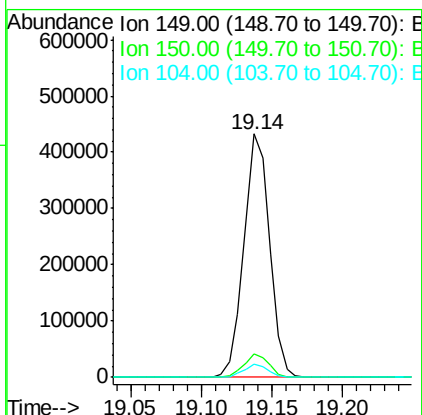
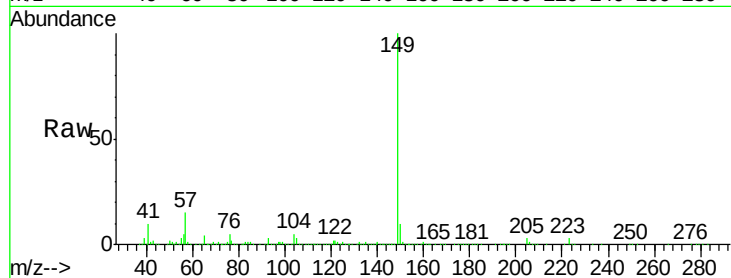
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	552477		
150	9.8		7.8	11.6
104	5.3		3.9	5.9

Manual Integrations
APPROVED

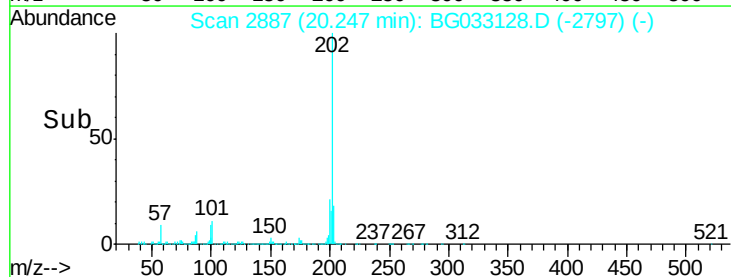
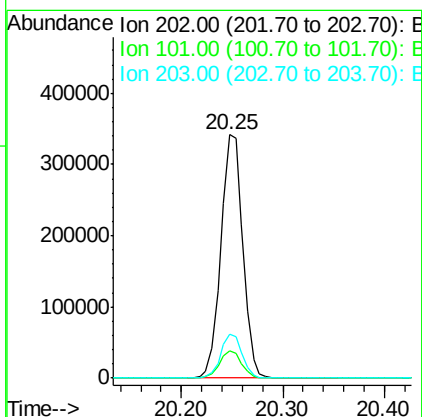
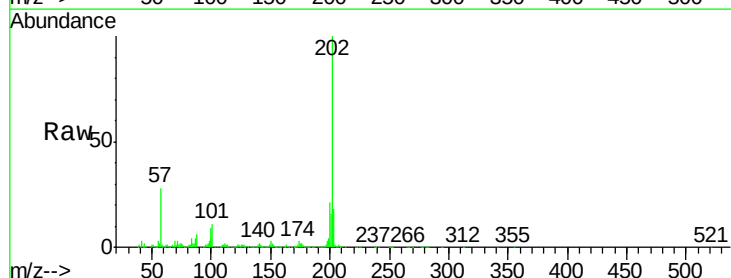
Sohil

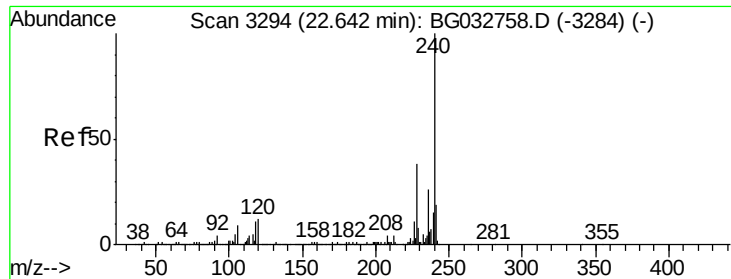
3/14/2018 1:31:42 PM



#74
Fluoranthene
Concen: 35.248 ng
RT: 20.25 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	509255		
101	11.1		0.0	28.9
203	17.9		0.0	37.5





#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

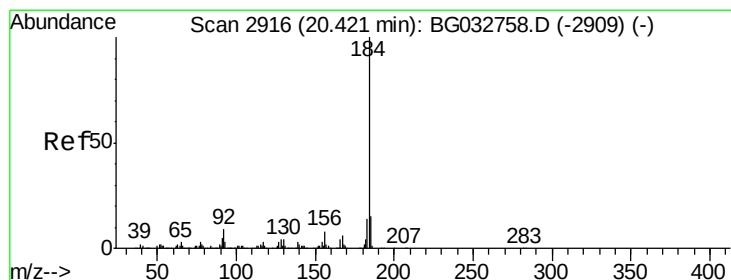
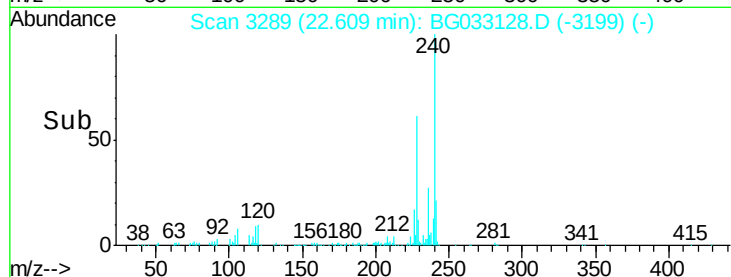
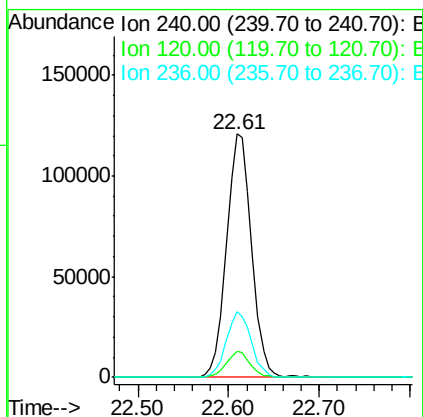
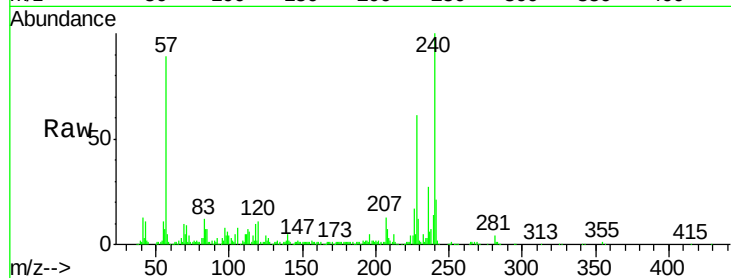
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	6.8	10.2#
236	26.9	20.9	31.3

Manual Integrations
APPROVED

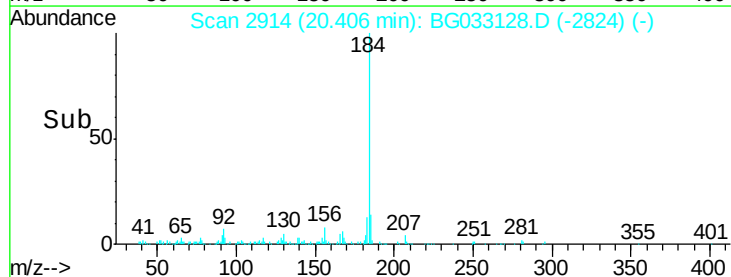
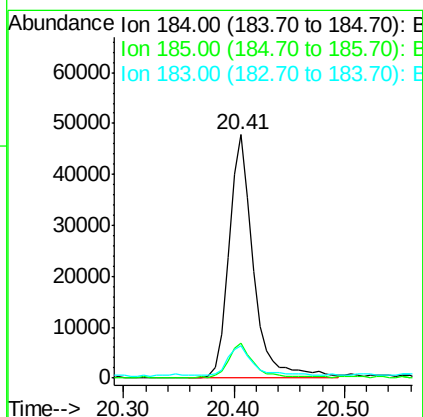
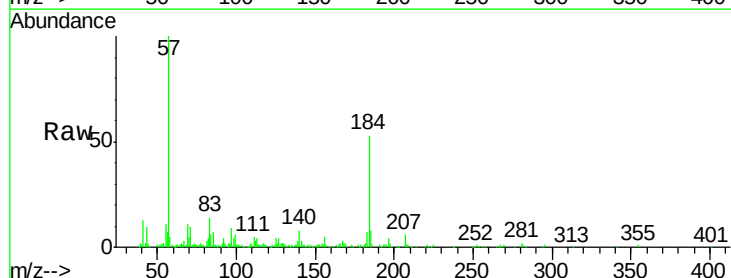
Sohil

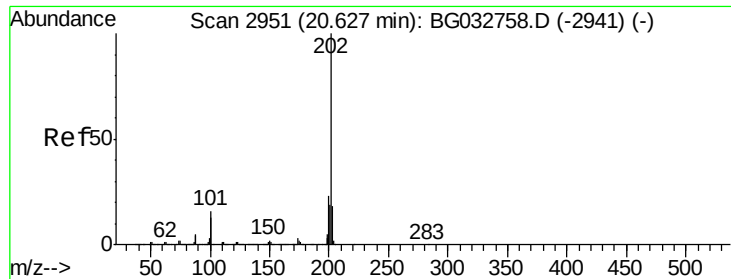
3/14/2018 1:31:42 PM



#76
Benzidine
Concen: 9.427 ng
RT: 20.41 min Scan# 2914
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.1	16.7
183	13.4	10.6	16.0





#77

Pvrene

Concen: 31.450 ng

RT: 20.61 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

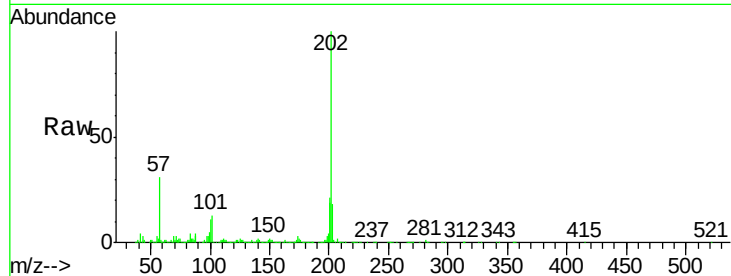
PB107310BSD

Tot Ion:	202	Resp:	513795
Ion Ratio		Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.7	13.9	20.9

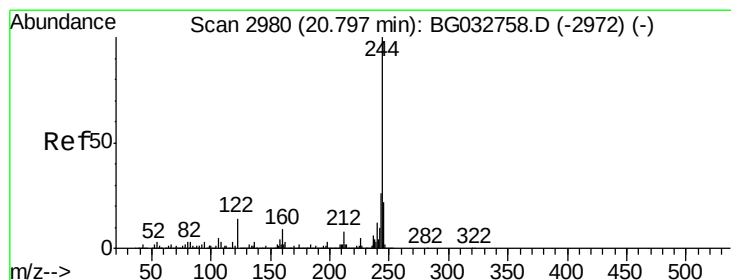
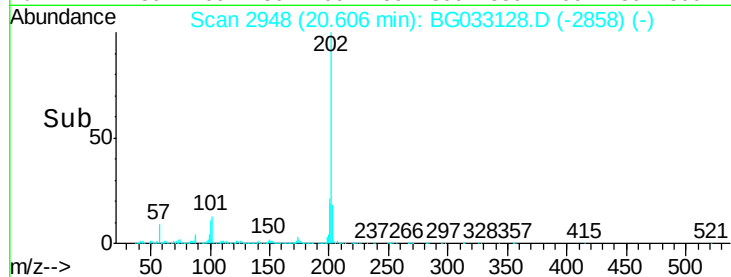
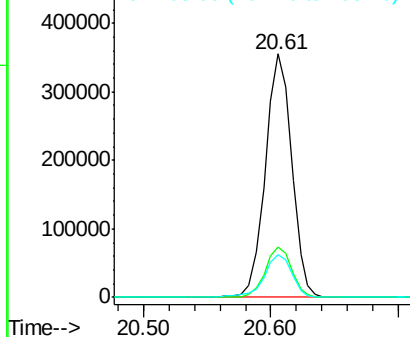
Manual Integrations
APPROVED

Sohil

3/14/2018 1:31:42 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.014 ng

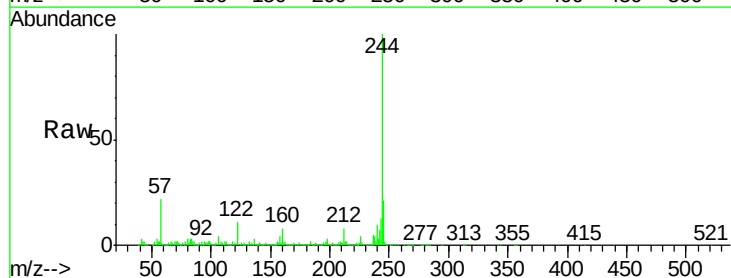
RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

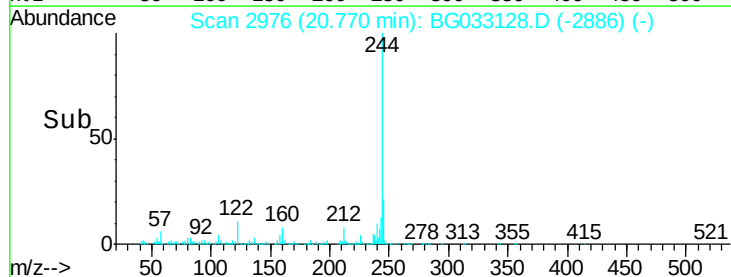
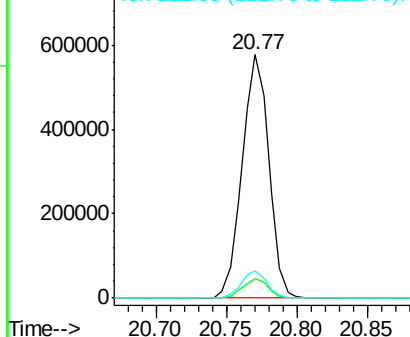
Lab File: BG033128.D

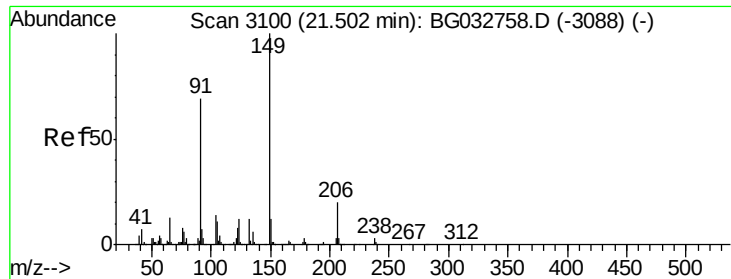
Acq: 13 Mar 2018 20:50

Tgt Ion:	244	Resp:	763167
Ion Ratio		Lower	Upper
244	100		
212	7.9	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





#79

Butylbenzylphthalate

Concen: 34.962 ng

RT: 21.46 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

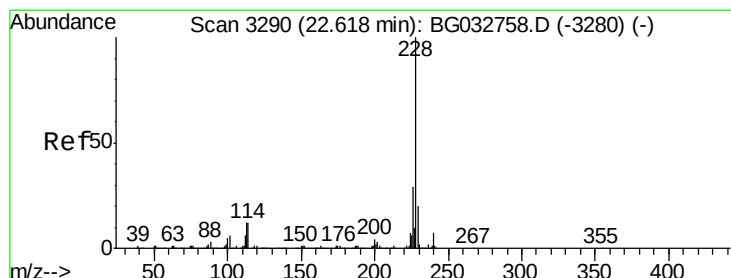
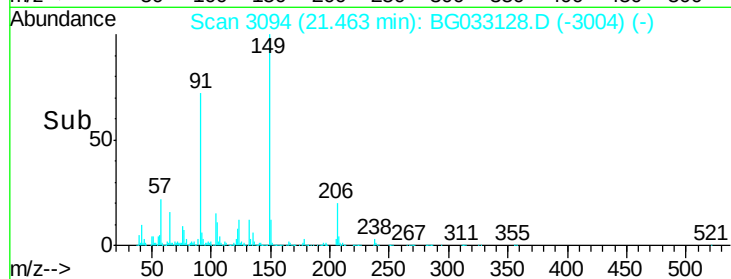
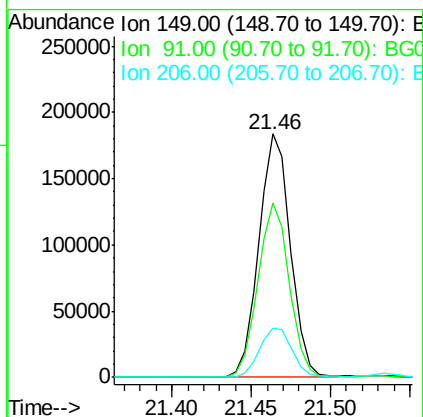
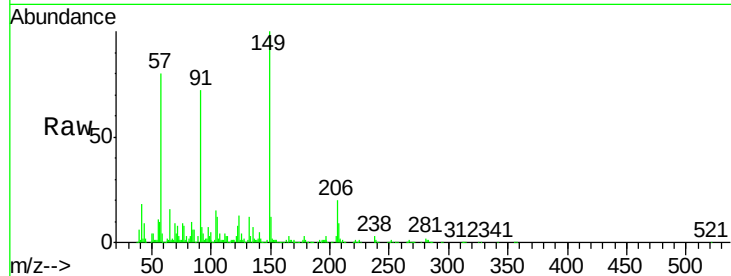
PB107310BSD

Tot Ion:	149	Resp:	253240
Ion Ratio	Lower	Upper	
149	100		
91	71.8	62.2	93.2
206	20.4	18.6	27.8

Manual Integrations
APPROVED

Sohil

3/14/2018 1:31:42 PM



#80

Benzo(a)anthracene

Concen: 34.335 ng

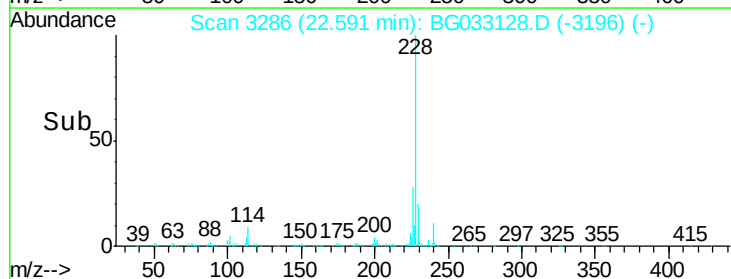
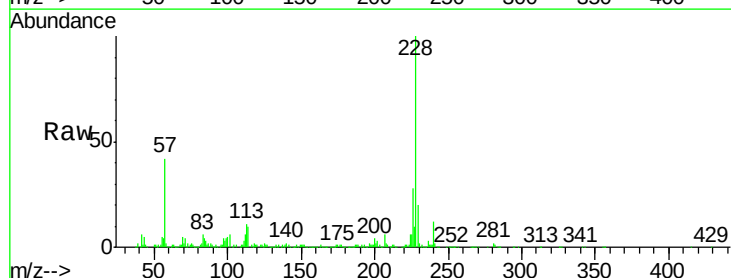
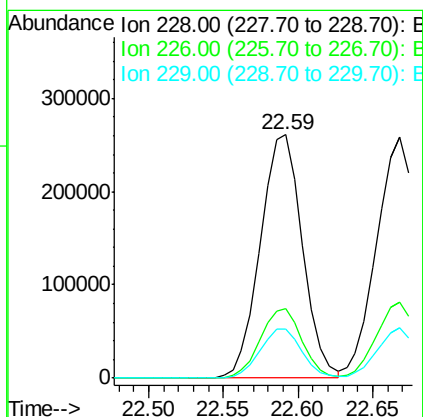
RT: 22.59 min Scan# 3286

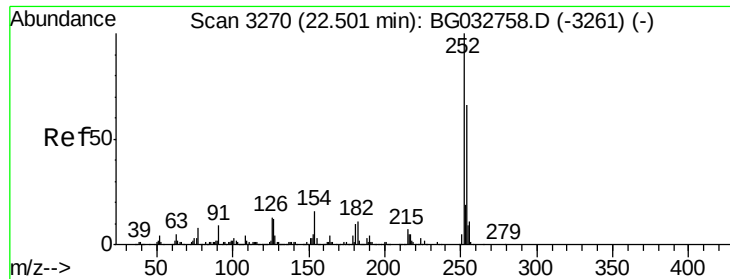
Delta R.T. 0.00 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Tgt Ion:	228	Resp:	510063
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.7	34.1
229	19.9	16.2	24.2





#81
 3,3'-Dichlorobenzidine
 Concen: 16.093 ng
 RT: 22.47 min Scan# 3266
 Delta R.T. 0.00 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

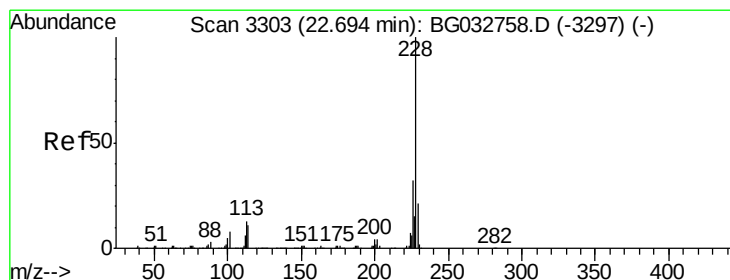
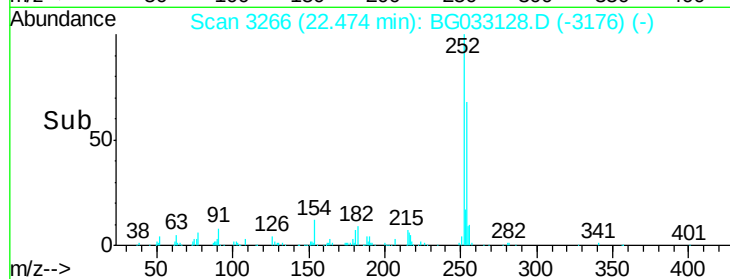
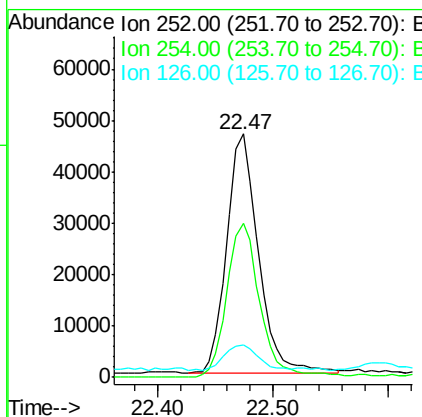
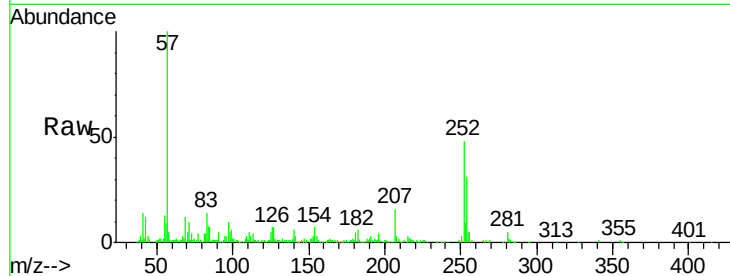
Instrument :
 BNA_G
 ClientSampleId :
 PB107310BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	50.8	76.2
126	13.6	7.4	11.2

Manual Integrations
 APPROVED

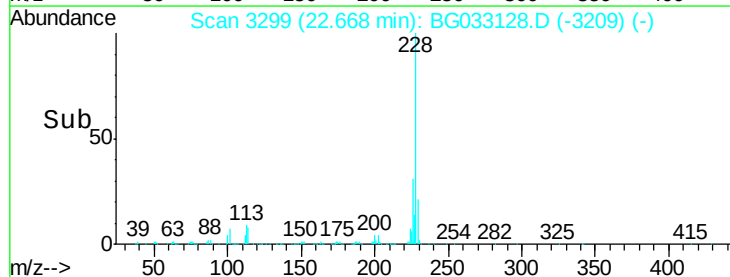
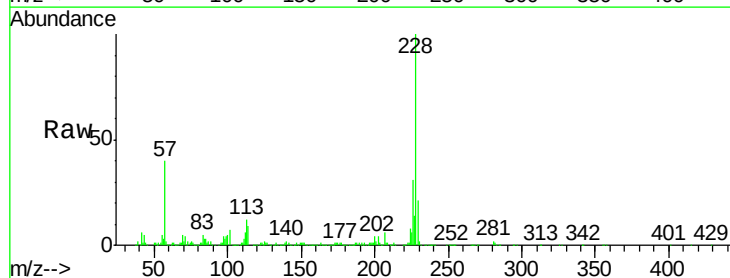
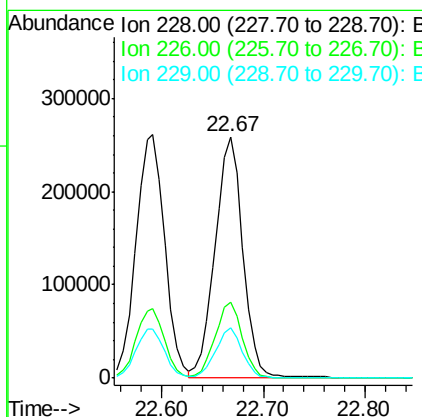
Sohil

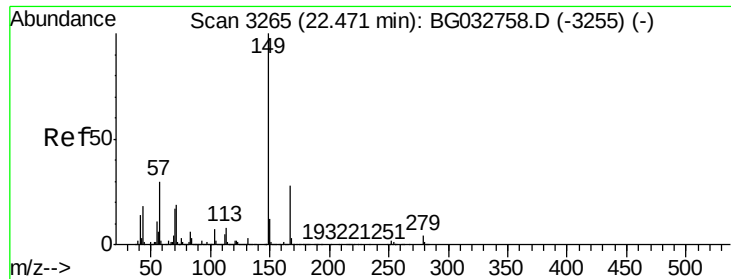
3/14/2018 1:31:42 PM



#82
 Chrysene
 Concen: 34.413 ng
 RT: 22.67 min Scan# 3299
 Delta R.T. 0.00 min
 Lab File: BG033128.D
 Acq: 13 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	20.8	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.659 ng

RT: 22.41 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

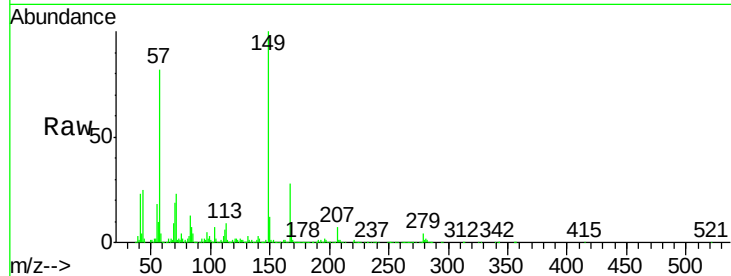
PB107310BSD

Tot Ion:	149	Resp:	371603
Ion Ratio	Lower	Upper	
149	100		
167	27.8	24.3	36.5
279	4.1	4.0	6.0

Manual Integrations
APPROVED

Sohil

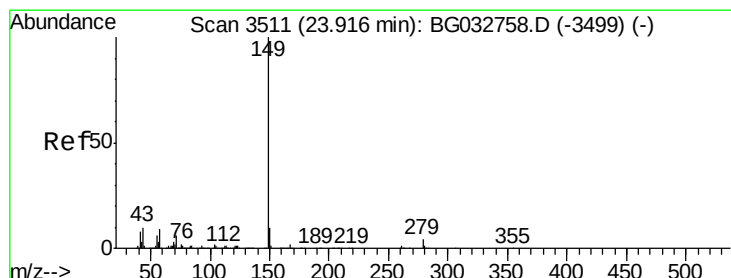
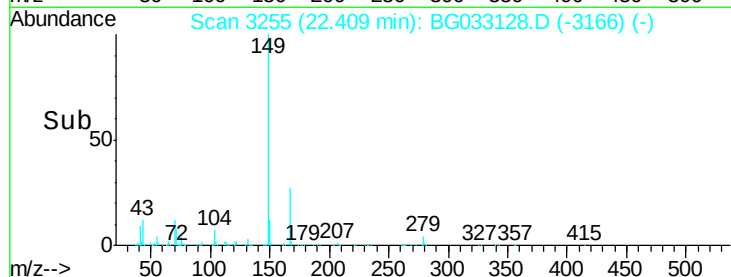
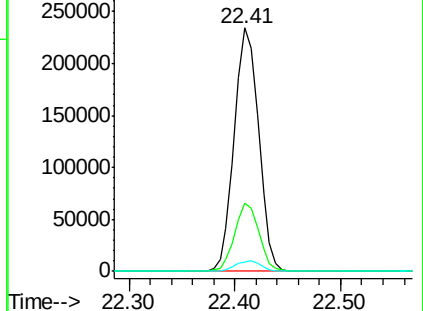
3/14/2018 1:31:42 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.018 ng

RT: 23.82 min Scan# 3496

Delta R.T. 0.00 min

Lab File: BG033128.D

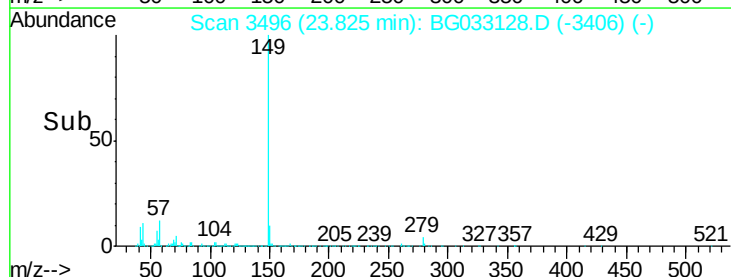
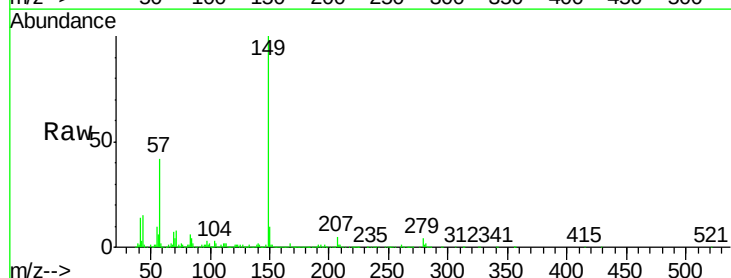
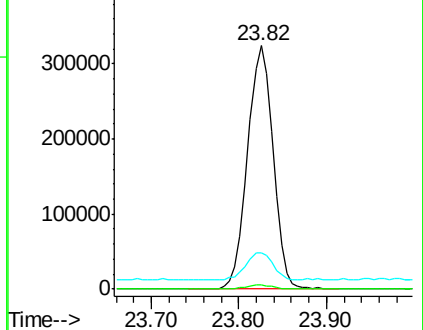
Acq: 13 Mar 2018 20:50

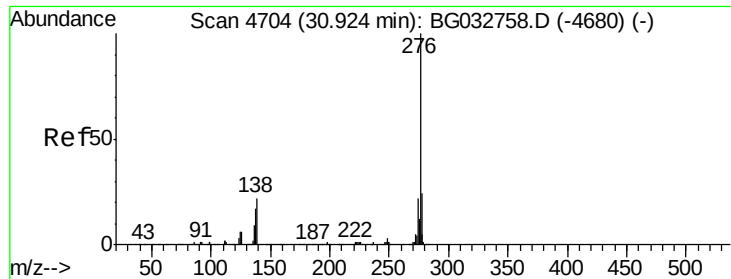
Tgt Ion:	149	Resp:	637662
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.4	2.0
43	12.2	8.9	13.3

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85
Indeno(1,2,3-cd)pyrene
Concen: 32.992 ng
RT: 30.83 min Scan# 4689
Delta R.T. -0.01 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

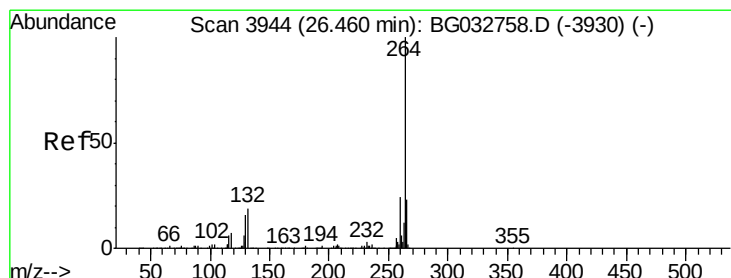
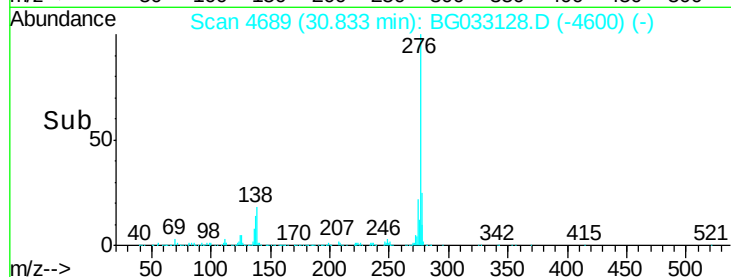
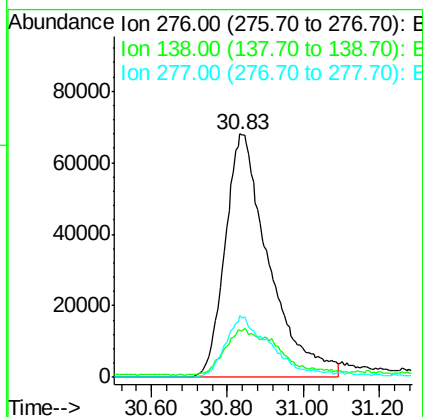
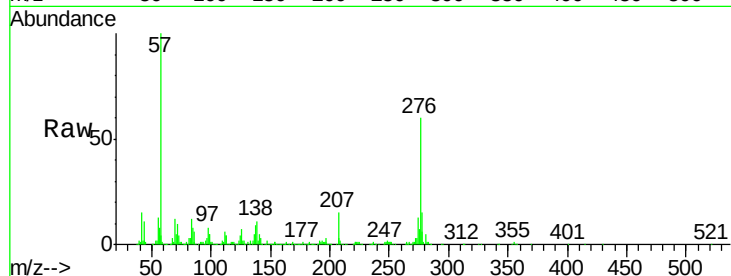
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.6	16.0	24.0#
277	25.2	20.0	30.0

Manual Integrations
APPROVED

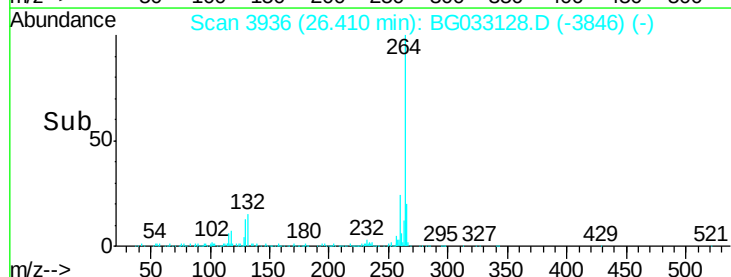
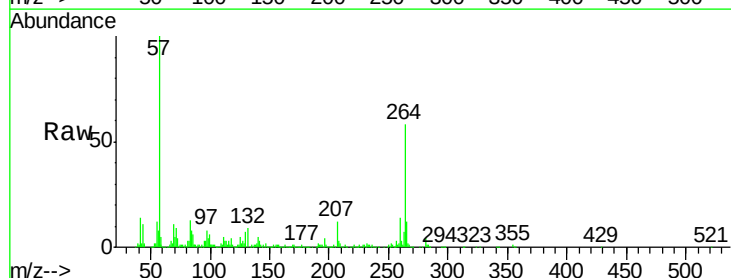
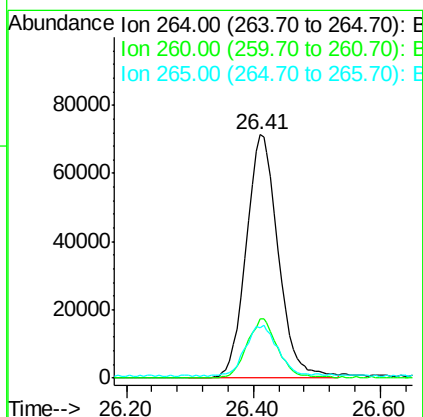
Sohil

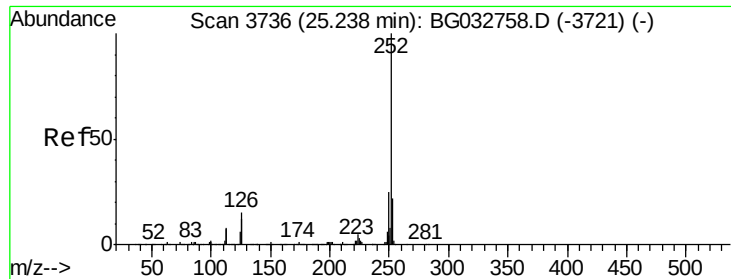
3/14/2018 1:31:42 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.41 min Scan# 3936
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	20.8	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 34.286 ng

RT: 25.19 min Scan# 3729

Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

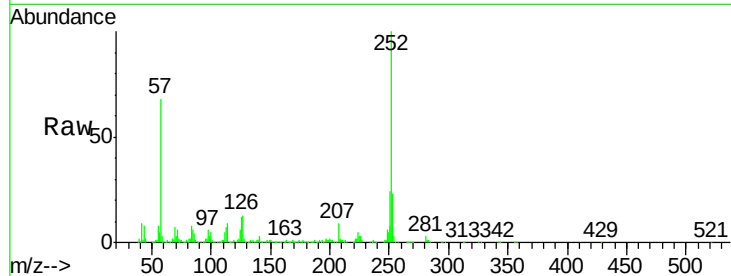
PB107310BSD

Tot Ion:	252	Resp:	510700
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.4
125	12.4	7.2	10.8#

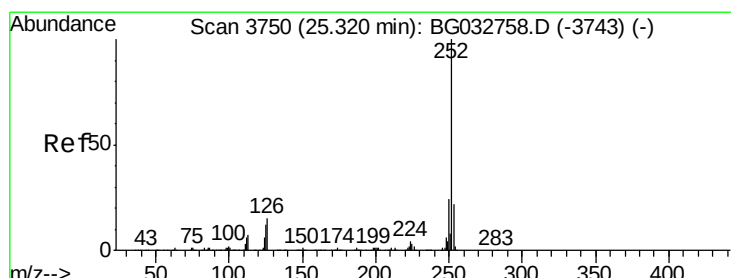
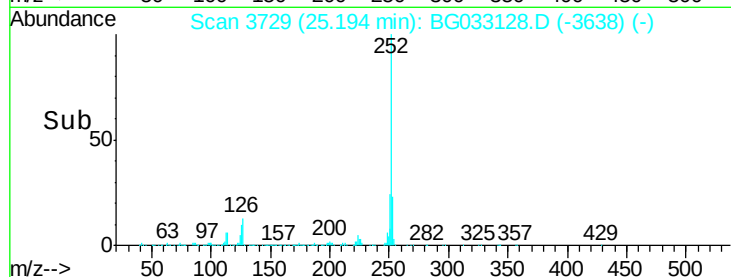
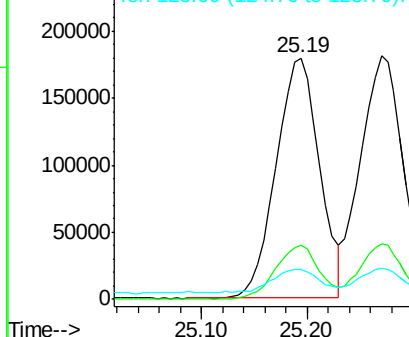
Manual Integrations
APPROVED

Sohil

3/14/2018 1:31:42 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 34.533 ng

RT: 25.27 min Scan# 3742

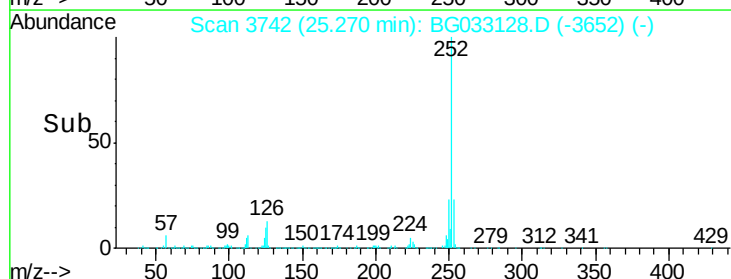
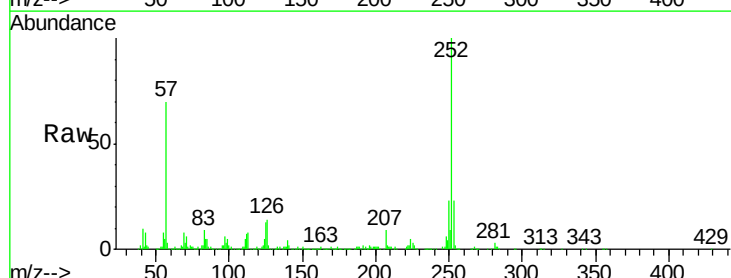
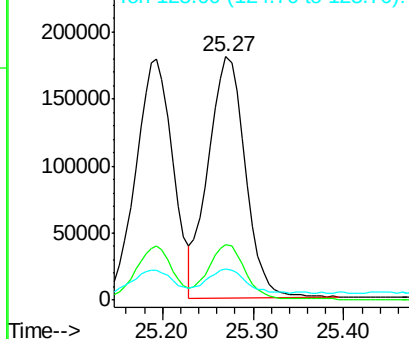
Delta R.T. 0.00 min

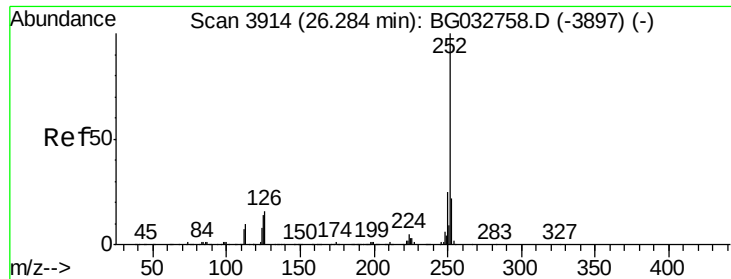
Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Tgt Ion:	252	Resp:	511204
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.2
125	13.0	6.6	9.8#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89
Benzo(a)pyrene
Concen: 35.101 ng
RT: 26.23 min Scan# 3906
Delta R.T. 0.00 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

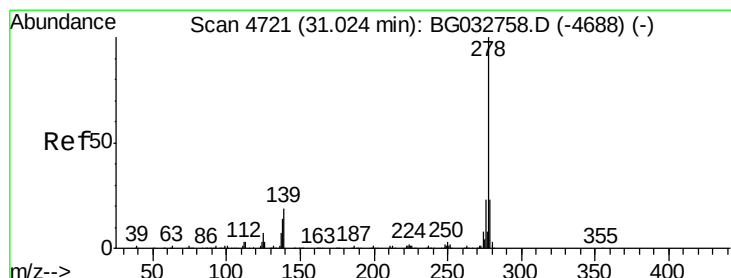
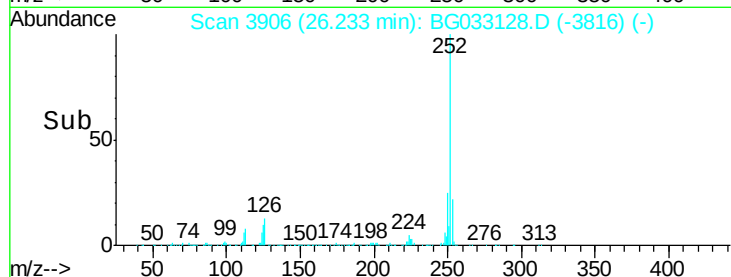
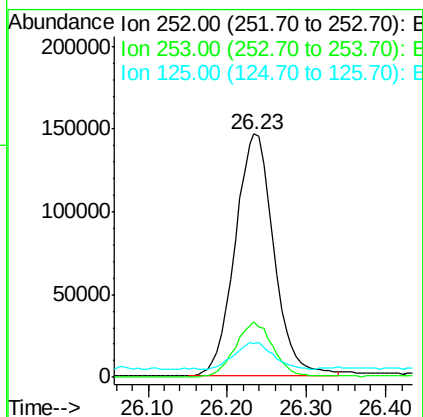
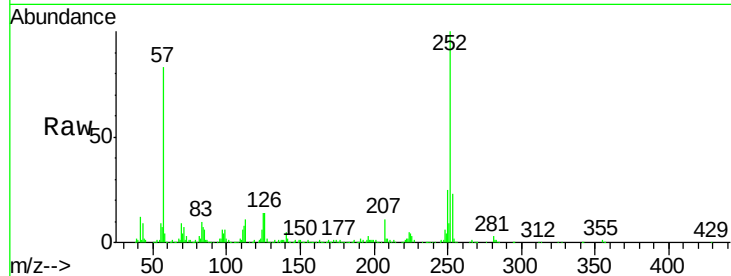
Instrument :
BNA_G
ClientSampleId :
PB107310BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	14.0	7.3	10.9

Manual Integrations
APPROVED

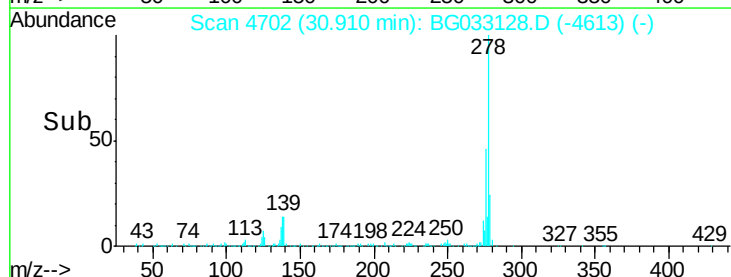
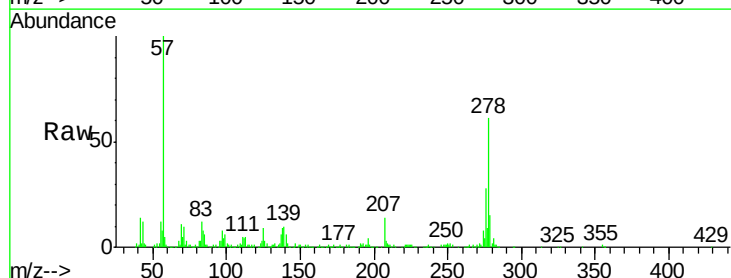
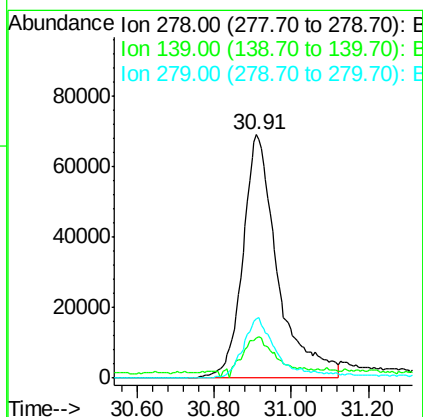
Sohil

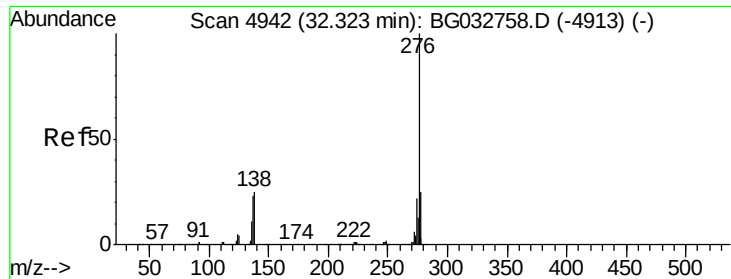
3/14/2018 1:31:42 PM



#90
Dibenzo(a,h)anthracene
Concen: 30.404 ng
RT: 30.91 min Scan# 4702
Delta R.T. -0.01 min
Lab File: BG033128.D
Acq: 13 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	9.8	14.6
279	24.3	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 32.576 ng

RT: 32.23 min Scan# 4927

Delta R.T. 0.01 min

Lab File: BG033128.D

Acq: 13 Mar 2018 20:50

Instrument :

BNA_G

ClientSampleId :

PB107310BSD

Tot Ion: 276 Resp: 457937

Ion Ratio Lower Upper

276 100

277 22.3 18.3 27.5

138 22.0 13.9 20.9#

Manual Integrations
APPROVED

Sohil

3/14/2018 1:31:42 PM

