

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
 Data File : BG033247.D
 Acq On : 19 Mar 2018 19:42
 Operator : SJ/JU
 Sample : PB107449BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107449BS

Manual Integrations
 APPROVED

Sohil
 3/20/2018 6:29:37 PM

Quant Time: Mar 20 11:47:17 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	39383	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	177642	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	133008	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	344334	20.00	ng	0.00
75) Chrysene-d12	22.59	240	345844	20.00	ng	0.00
86) Perylene-d12	26.39	264	371648	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.31	112	248507	118.32	ng	0.00
7) Phenol-d6	8.00	99	394954	109.44	ng	0.00
23) Nitrobenzene-d5	10.10	82	375657	97.16	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	203037	102.07	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	915692	99.39	ng	0.00
78) Terphenyl-d14	20.76	244	1535946	94.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.94	88	39669	37.192	ng	85
3) Pyridine	4.40	79	106367	36.075	ng	98
4) n-Nitrosodimethylamine	4.31	42	62067	51.295	ng	# 87
6) Aniline	8.19	93	154438	36.391	ng	96
8) 2-Chlorophenol	8.44	128	133135	55.448	ng	96
9) Benzaldehyde	8.00	77	44635m	19.463	ng	
10) Phenol	8.02	94	190516	53.471	ng	91
11) bis(2-Chloroethyl)ether	8.28	93	129728	44.608	ng	94
12) 1,3-Dichlorobenzene	8.78	146	131212m	41.798	ng	
13) 1,4-Dichlorobenzene	8.93	146	137449	43.720	ng	96
14) 1,2-Dichlorobenzene	9.26	146	130854	42.646	ng	95
15) Benzyl Alcohol	9.13	79	147155	51.792	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.42	45	210374	44.374	ng	89
17) 2-Methylphenol	9.33	107	115449	47.565	ng	# 88
18) Hexachloroethane	10.01	117	53777	44.320	ng	95
19) n-Nitroso-di-n-propylamine	9.70	70	119573	45.218	ng	# 98
20) 3+4-Methylphenols	9.66	107	176198	50.986	ng	93
22) Acetophenone	9.73	105	204065	41.930	ng	# 97
24) Nitrobenzene	10.14	77	183812	44.415	ng	92
25) Isophorone	10.66	82	346641	46.193	ng	98
26) 2-Nitrophenol	10.87	139	78526	50.118	ng	# 79
27) 2,4-Dimethylphenol	10.90	122	133693	58.737	ng	92
28) bis(2-Chloroethoxy)methane	11.14	93	184572	49.295	ng	95
29) 2,4-Dichlorophenol	11.41	162	152284	54.403	ng	99
30) 1,2,4-Trichlorobenzene	11.63	180	155207	42.676	ng	99
31) Naphthalene	11.83	128	404710	43.964	ng	99
32) Benzoic acid	11.03	122	101383m	47.914	ng	
33) 4-Chloroaniline	11.92	127	124502	30.188	ng	# 91
34) Hexachlorobutadiene	12.09	225	111013	40.364	ng	93
35) Caprolactam	12.68	113	52517	47.890	ng	93
36) 4-Chloro-3-methylphenol	12.99	107	194313	53.223	ng	97
37) 2-Methylnaphthalene	13.38	142	324473	45.413	ng	90
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	209269	43.436	ng	97
40) Hexachlorocyclopentadiene	13.71	237	297193	105.224	ng	92

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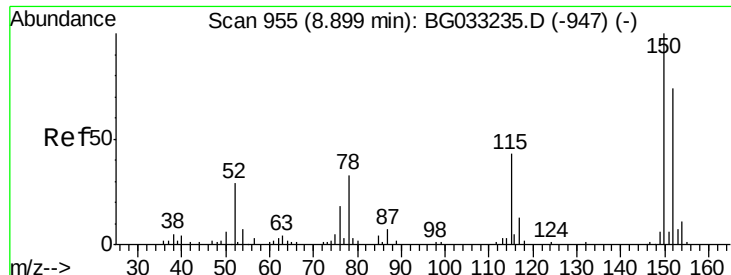
Manual Integrations
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 3/20/2018 6:29:37 PM

Quant Time: Mar 20 11:47:17 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	139753	49.926	nq	93
43) 2,4,5-Trichlorophenol	14.03	196	164809	49.811	nq	98
45) 1,1'-Biphenyl	14.35	154	456300	44.653	nq	97
46) 2-Chloronaphthalene	14.41	162	355398	45.106	nq	97
47) 2-Nitroaniline	14.60	65	148325	50.260	nq	91
48) Acenaphthylene	15.24	152	580485	44.137	nq	99
49) Dimethylphthalate	14.94	163	518125	44.761	nq	100
50) 2,6-Dinitrotoluene	15.07	165	113228	47.840	nq	97
51) Acenaphthene	15.57	154	446591	52.675	nq	97
52) 3-Nitroaniline	15.41	138	87513	35.268	nq	# 87
53) 2,4-Dinitrophenol	15.60	184	144451	114.237	nq	# 77
54) Dibenzofuran	15.90	168	582497	46.513	nq	93
55) 4-Nitrophenol	15.69	139	183912	105.403	nq	# 85
56) 2,4-Dinitrotoluene	15.85	165	168560	48.369	nq	# 88
57) Fluorene	16.54	166	482988	45.270	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.11	232	166587	53.482	nq	93
59) Diethylphthalate	16.27	149	507371	45.140	nq	99
60) 4-Chlorophenyl-phenylether	16.52	204	278222	45.365	nq	97
61) 4-Nitroaniline	16.56	138	110753	44.075	nq	# 80
62) Azobenzene	16.81	77	508714	46.722	nq	99
64) 4,6-Dinitro-2-methylphenol	16.60	198	94832	46.037	nq	100
65) n-Nitrosodiphenylamine	16.73	169	448275	45.602	nq	96
66) 4-Bromophenyl-phenylether	17.41	248	187609	46.393	nq	95
67) Hexachlorobenzene	17.54	284	188614	44.195	nq	96
68) Atrazine	17.65	200	182187	45.736	nq	98
69) Pentachlorophenol	17.88	266	262144	89.493	nq	98
70) Phenanthrene	18.28	178	811023	45.225	nq	98
71) Anthracene	18.38	178	833074	45.880	nq	99
72) Carbazole	18.63	167	724445	45.024	nq	98
73) Di-n-butylphthalate	19.12	149	837393	44.713	nq	98
74) Fluoranthene	20.24	202	1022155	46.060	nq	97
76) Benzidine	20.40	184	314460m	33.529	nq	
77) Pyrene	20.59	202	1027501	44.546	nq	98
79) Butylbenzylphthalate	21.45	149	384337	45.154	nq	98
80) Benzo(a)anthracene	22.57	228	1010154	45.870	nq	99
81) 3,3'-Dichlorobenzidine	22.46	252	305923	39.038	nq	97
82) Chrysene	22.65	228	955440	44.820	nq	98
83) Bis(2-ethylhexyl)phthalate	22.39	149	524856	44.731	nq	98
84) Di-n-octyl phthalate	23.80	149	881137	49.046	nq	99
85) Indeno(1,2,3-cd)pyrene	30.80	276	1120451	48.614	nq	# 86
87) Benzo(b)fluoranthene	25.17	252	986142	45.927	nq	# 98
88) Benzo(k)fluoranthene	25.25	252	977804	45.026	nq	# 98
89) Benzo(a)pyrene	26.21	252	975101	47.289	nq	# 98
90) Dibenzo(a,h)anthracene	30.88	278	928633	47.810	nq	98
91) Benzo(g,h,i)perylene	32.19	276	926141	48.152	nq	# 96

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



#1

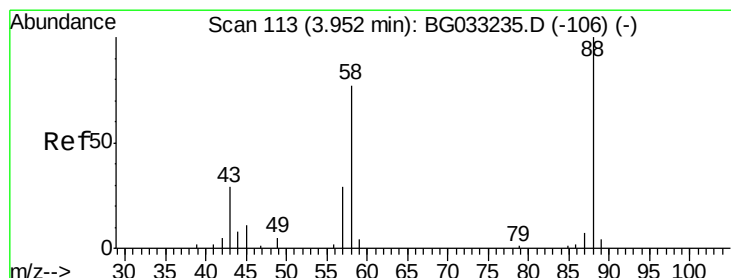
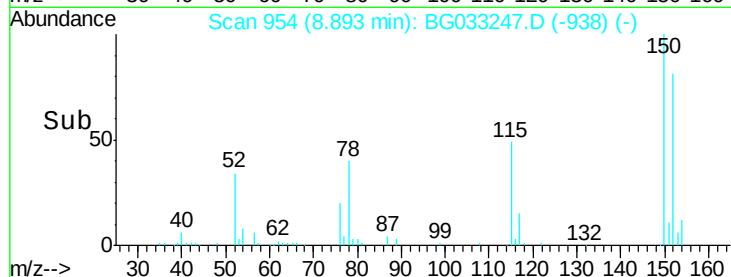
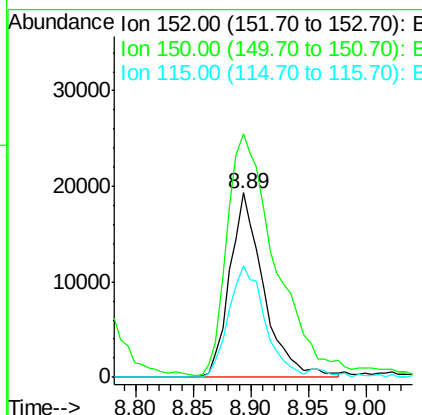
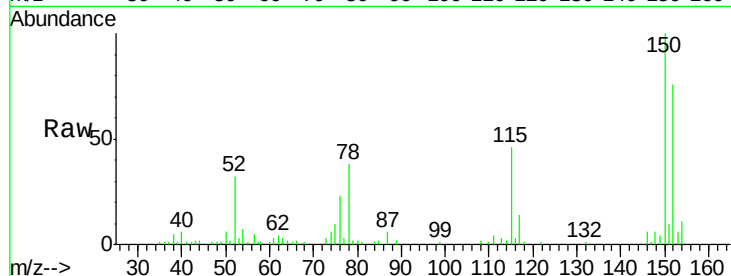
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Instrument :
BNA_G
ClientSampleId :
PB107449BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	131.8	126.6	189.8
115	60.4	53.0	79.4

Manual Integrations
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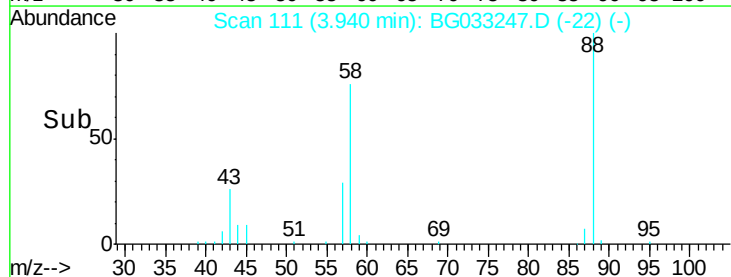
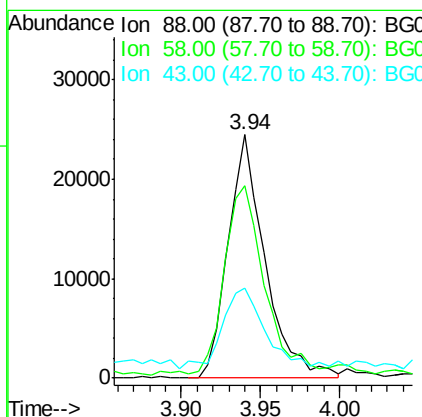
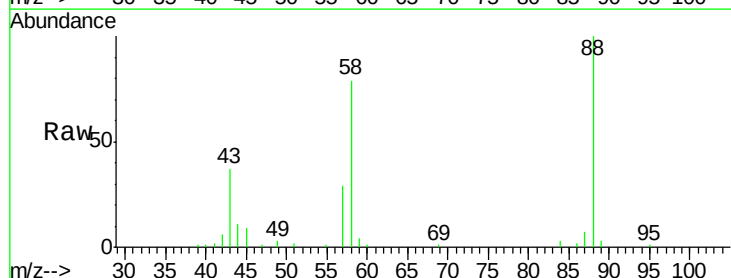
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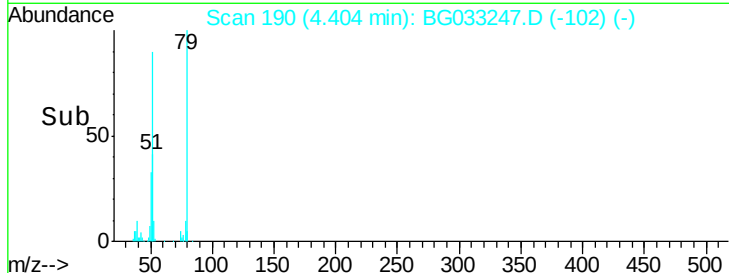
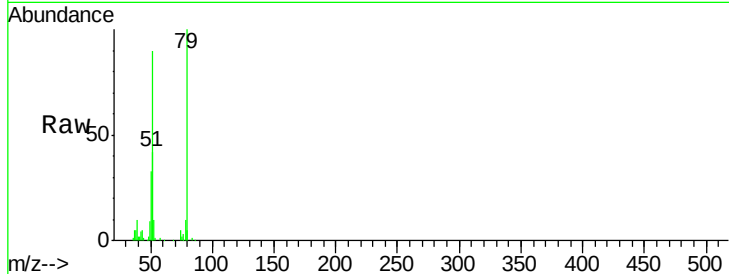
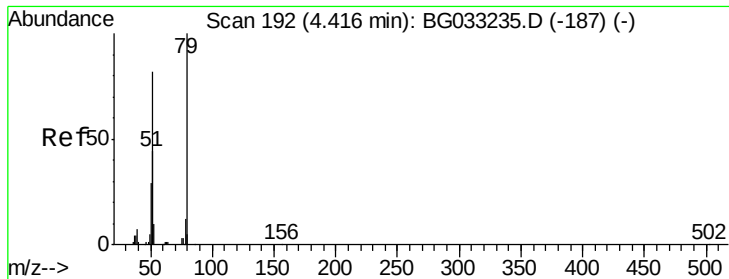


#2

1,4-Dioxane
Concen: 37.192 ng
RT: 3.94 min Scan# 111
Delta R.T. -0.01 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.1	79.6	119.4
43	38.0	27.4	41.0





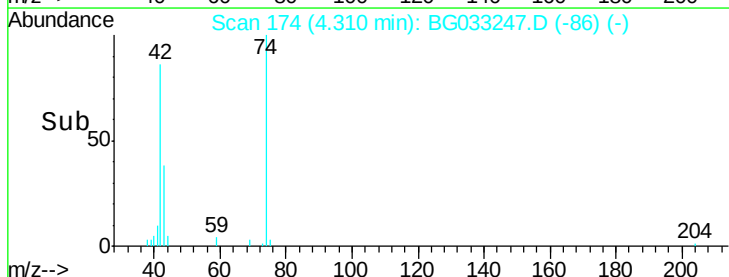
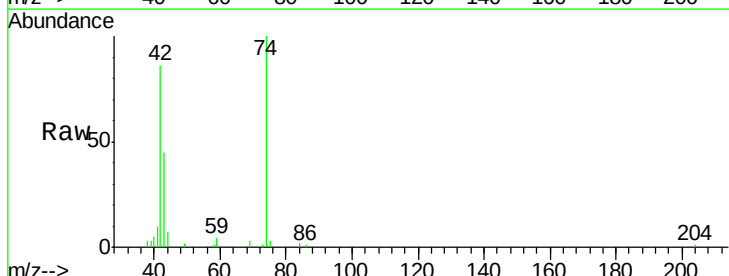
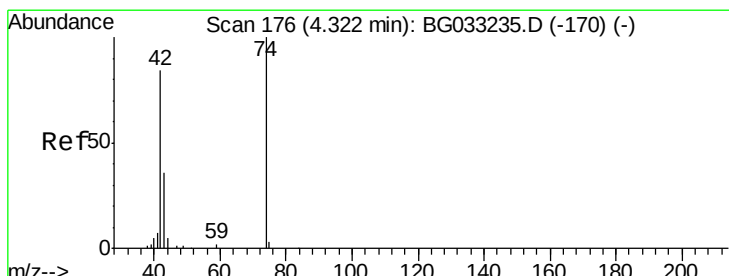
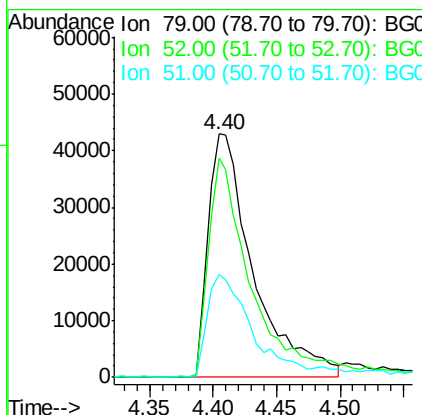
#3
 Pvridine
 Concen: 36.075 ng
 RT: 4.40 min Scan# 190
 Delta R.T. -0.01 min
 Lab File: BG033247.D
 Acq: 19 Mar 2018 19:42

Tot Ion:	79	Resp:	106367
Ion Ratio	Lower	Upper	
79	100		
52	90.2	69.9	104.9
51	42.4	34.0	51.0

Instrument :
 BNA_G
 ClientSampleId :
 PB107449BS

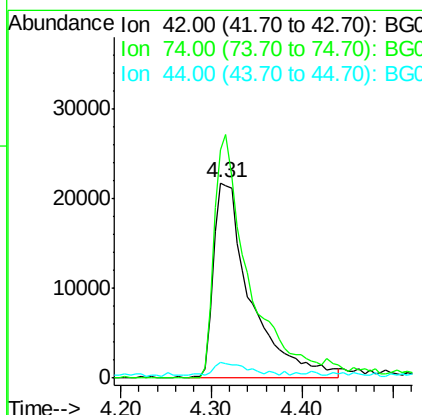
Manual Integrations
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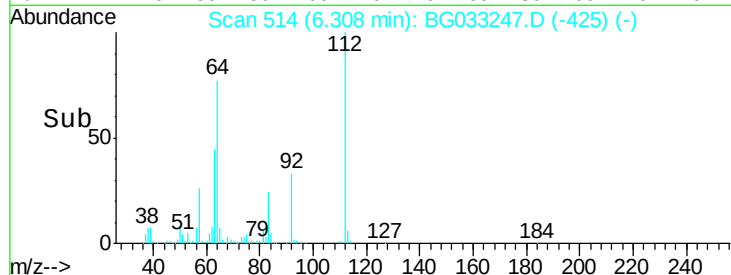
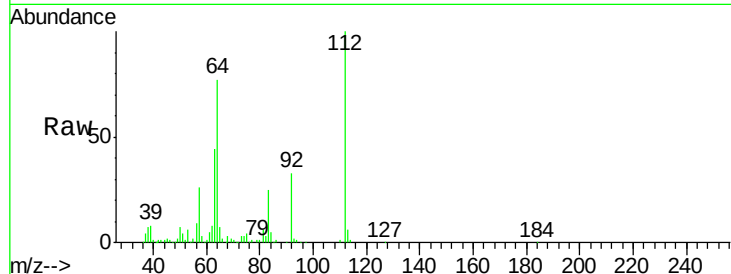
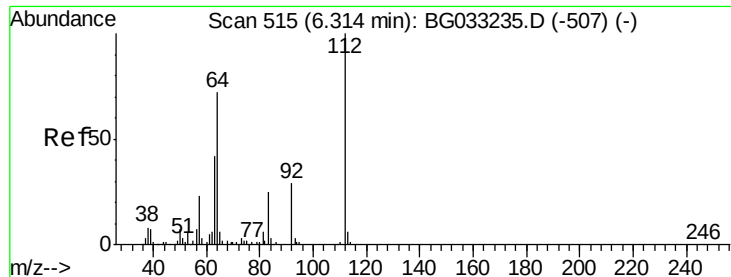
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#4
 n-Nitrosodimethylamine
 Concen: 51.295 ng
 RT: 4.31 min Scan# 174
 Delta R.T. -0.01 min
 Lab File: BG033247.D
 Acq: 19 Mar 2018 19:42

Tgt Ion:	42	Resp:	62067
Ion Ratio	Lower	Upper	
42	100		
74	116.8	102.5	153.7
44	7.9	18.9	28.3#





#5

2-Fluorophenol

Concen: 118.320 ng

RT: 6.31 min Scan# 514

Delta R.T. -0.01 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Tot Ion:	112	Resp:	248507
Ion Ratio	Lower	Upper	
112	100		
64	77.0	56.3	84.5
63	44.1	30.1	45.1

Instrument :

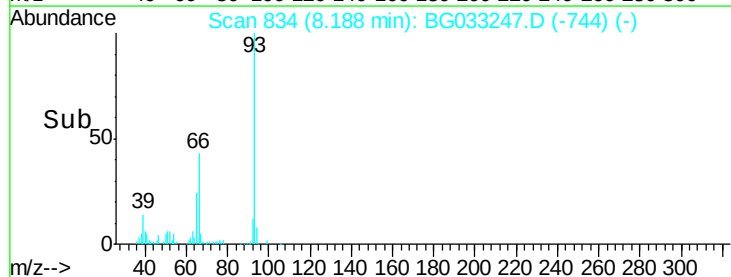
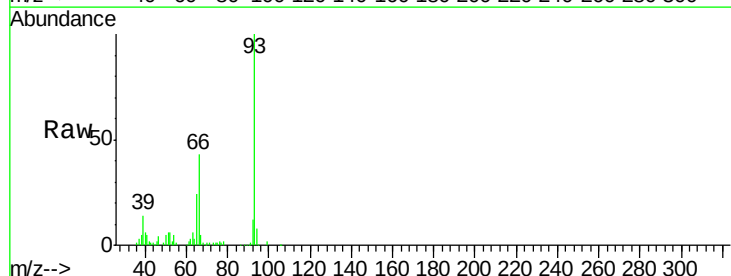
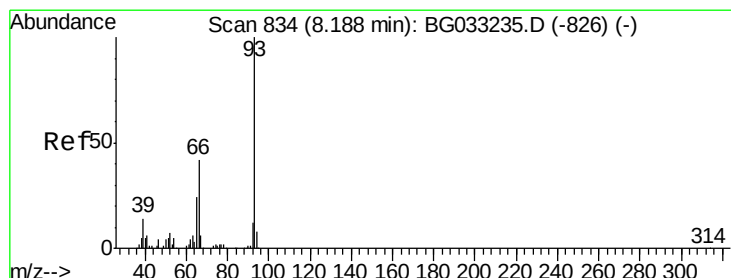
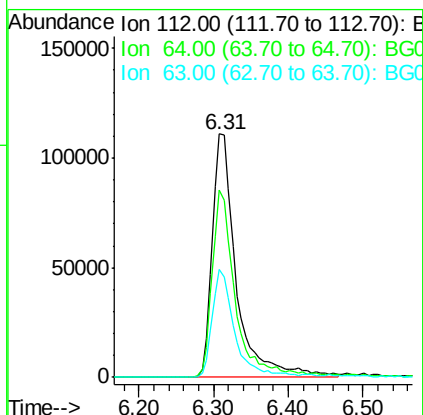
BNA_G

ClientSampled :

PB107449BS

Manual Integrations
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#6

Aniline

Concen: 36.391 ng

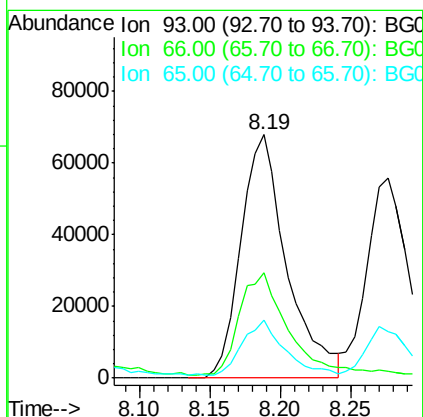
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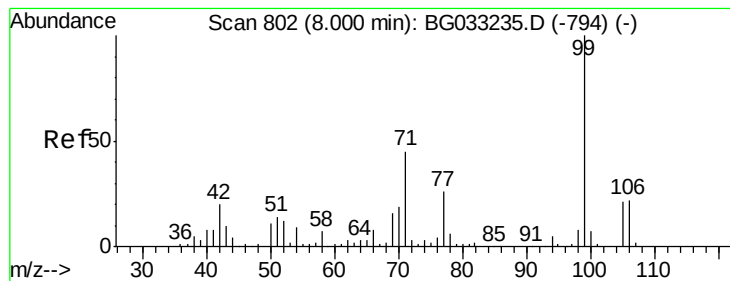
Delta R.T. 0.00 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Tgt Ion:	93	Resp:	154438
Ion Ratio	Lower	Upper	
93	100		
66	43.2	33.7	50.5
65	23.6	16.1	24.1





#7

Phenol-d6

Concen: 109.444 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Instrument :

BNA_G

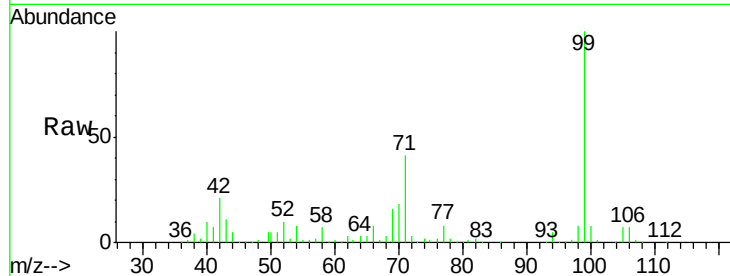
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PB107449BS

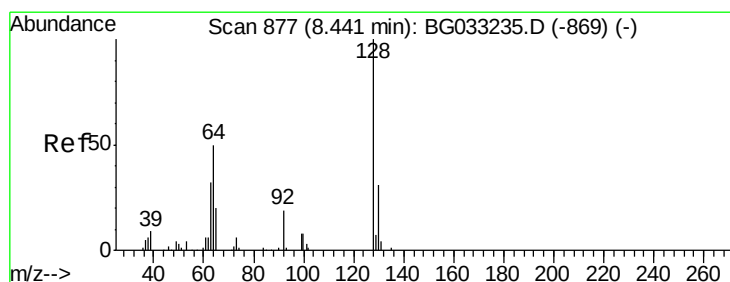
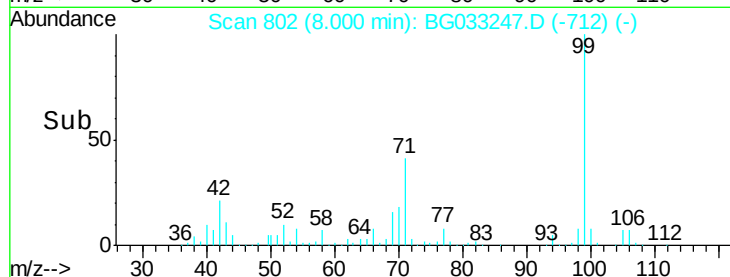
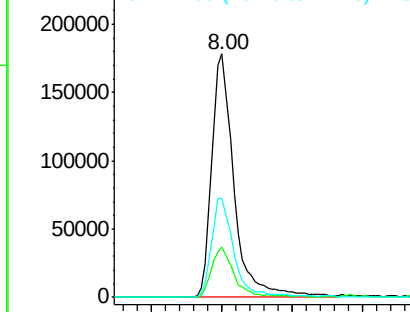
Tot Ion:	99	Resp:	394954
Ion Ratio	Lower	Upper	
99	100		
42	20.6	14.1	21.1
71	40.6	26.1	39.1#

Manual Integrations
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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: 55.448 ng

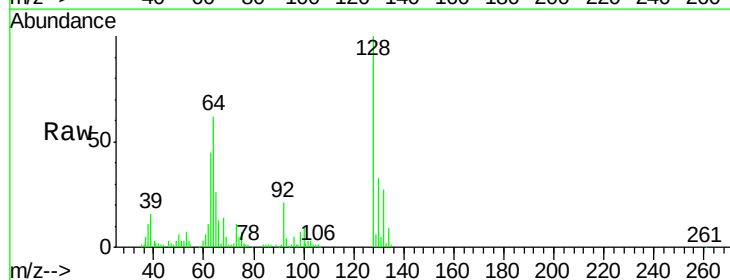
RT: 8.44 min Scan# 877

Delta R.T. 0.00 min

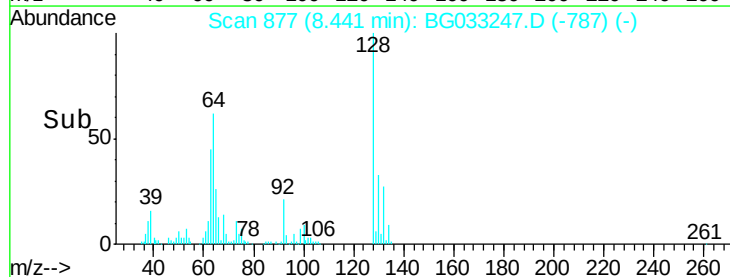
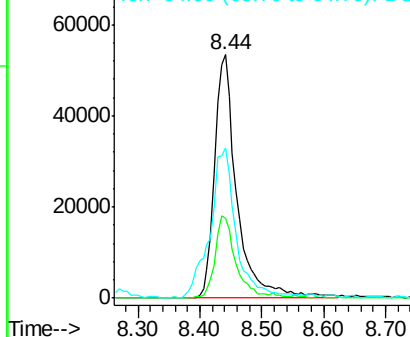
Lab File: BG033247.D

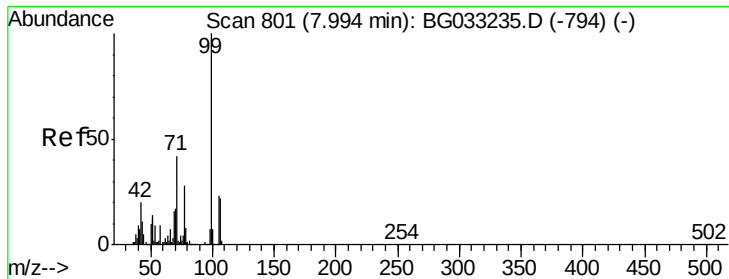
Acq: 19 Mar 2018 19:42

Tgt Ion:	128	Resp:	133135
Ion Ratio	Lower	Upper	
128	100		
130	32.8	14.0	54.0
64	61.8	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

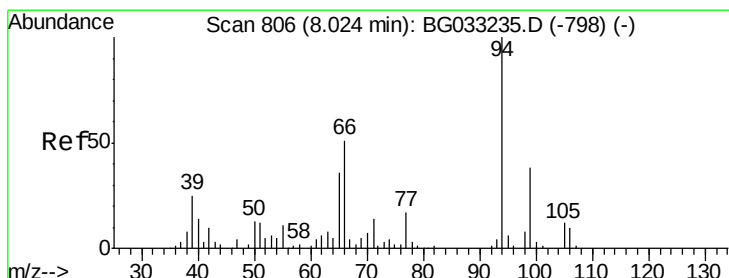
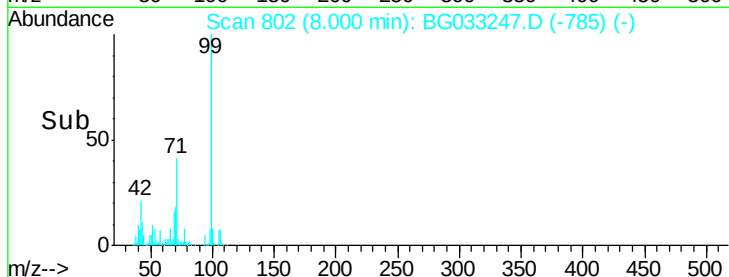
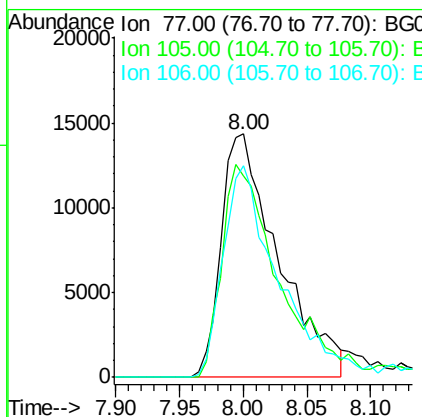
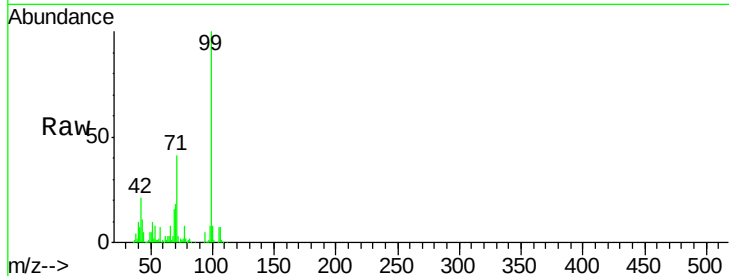
Concen: 19.463 ng/mL
 RT: 8.00 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BG033247.D
 Acq: 19 Mar 2018 19:42

Instrument :
 BNA_G
 ClientSampleId :
 PB107449BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	82.9	71.3	111.3
106	86.9	64.2	104.2

Manual Integrations
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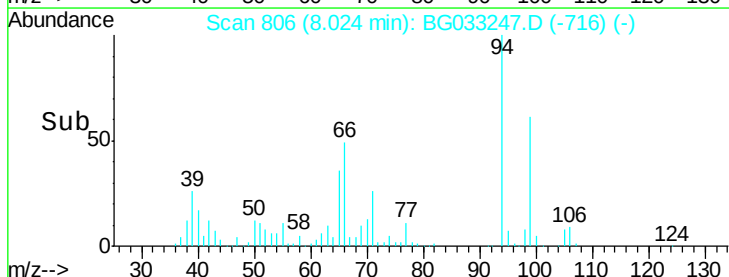
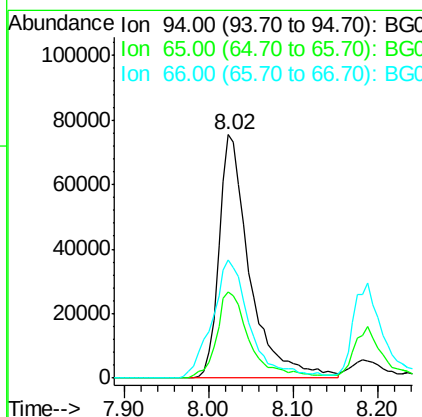
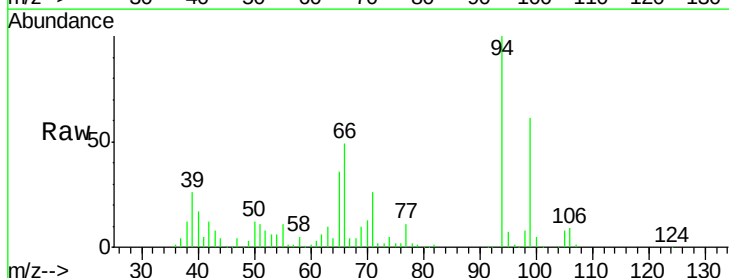


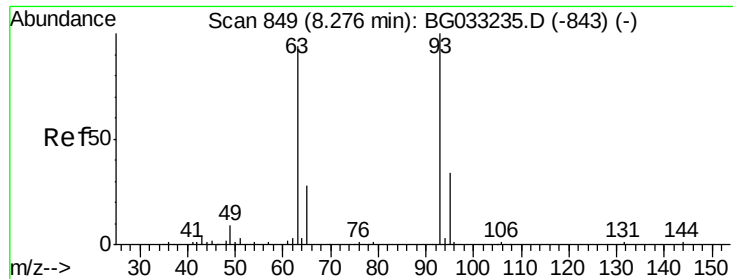
#10

Phenol

Concen: 53.471 ng/mL
 RT: 8.02 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BG033247.D
 Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.6	11.9	51.9
66	48.7	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 44.608 ng

RT: 8.28 min Scan# 849

Delta R.T. 0.00 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Instrument :

BNA_G

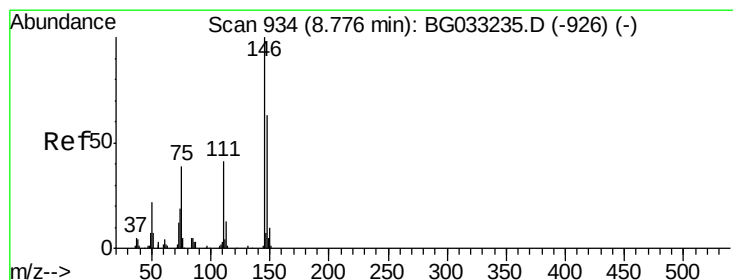
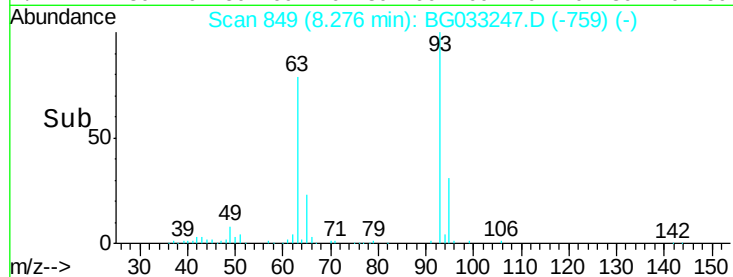
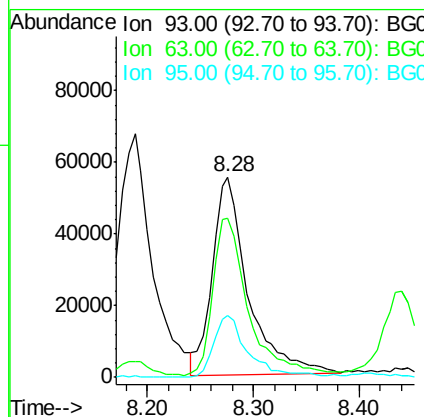
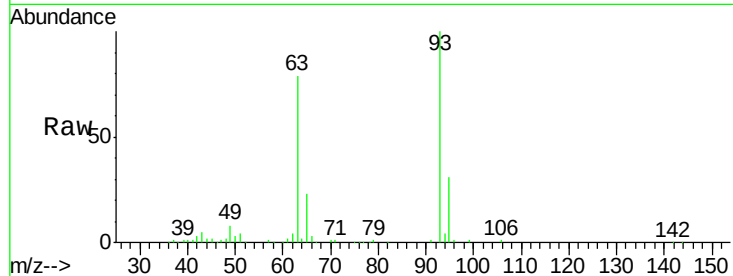
ClientSampleId :

PB107449BS

Tot Ion:	93	Resp:	129728
Ion	Ratio	Lower	Upper
93	100		
63	79.4	67.1	107.1
95	31.0	11.5	51.5

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 41.798 ng m

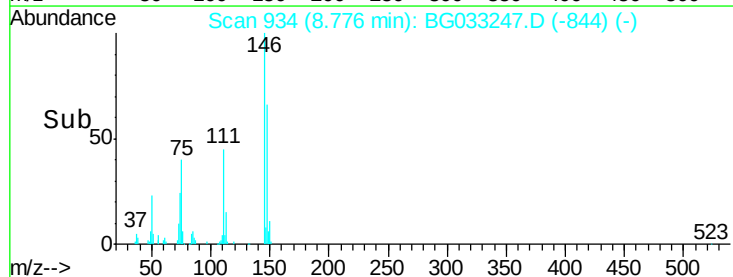
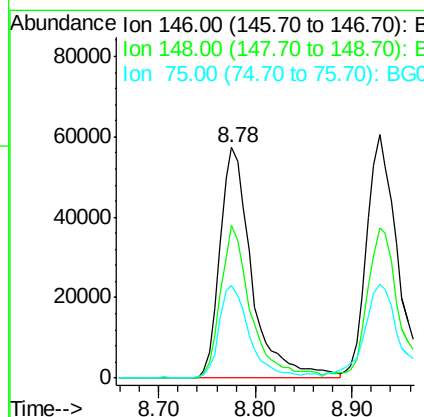
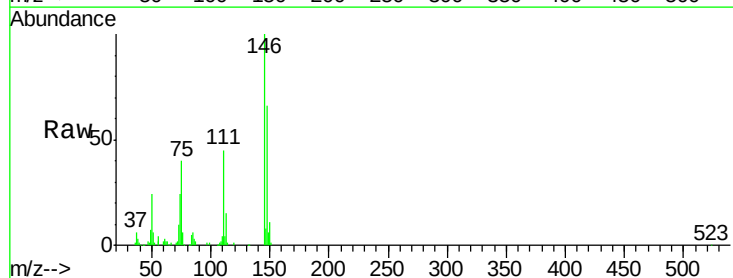
RT: 8.78 min Scan# 934

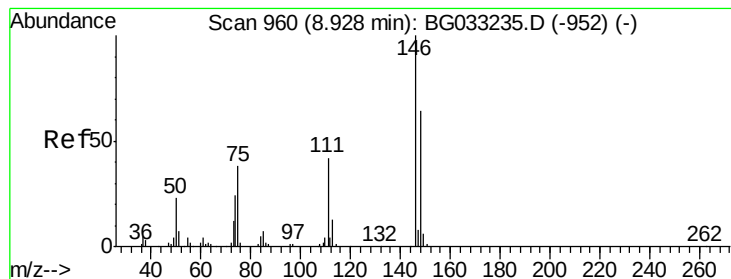
Delta R.T. 0.00 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Tgt Ion:	146	Resp:	131212
Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.4	77.2
75	40.0	26.6	39.8#





#13

1,4-Dichlorobenzene

Concen: 43.720 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.01 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Instrument :

BNA_G

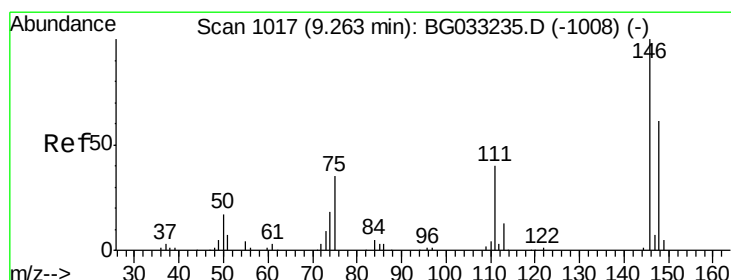
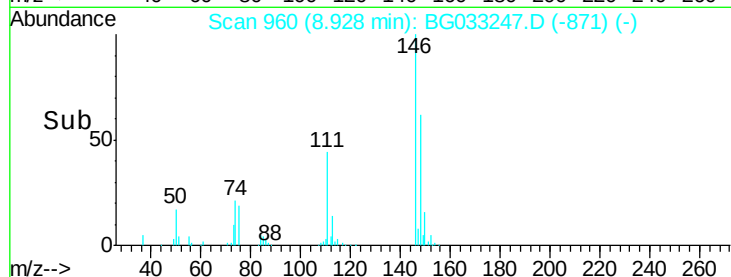
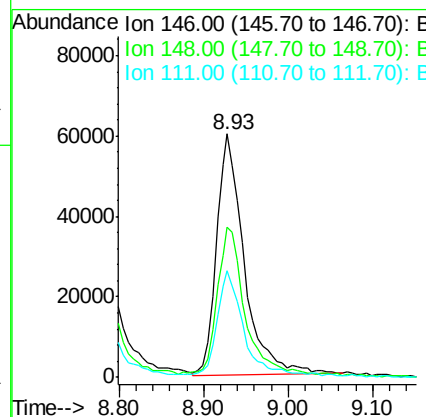
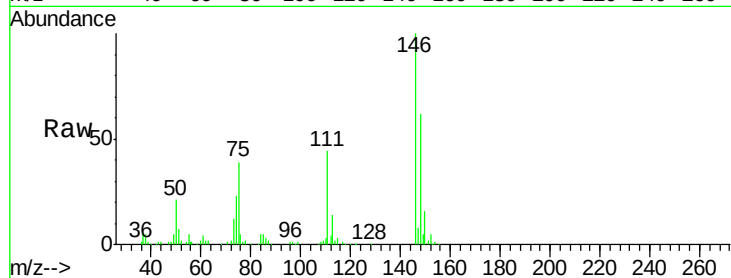
ClientSampleId :

PB107449BS

Tot Ion:	146	Resp:	137449
Ion Ratio	Lower	Upper	
146	100		
148	61.8	53.7	80.5
111	43.9	35.2	52.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 42.646 ng

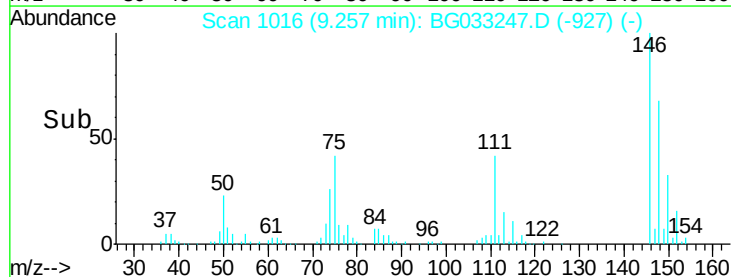
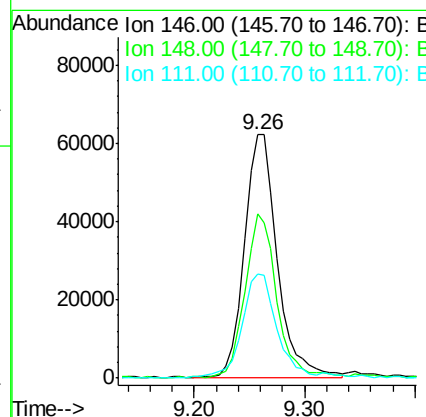
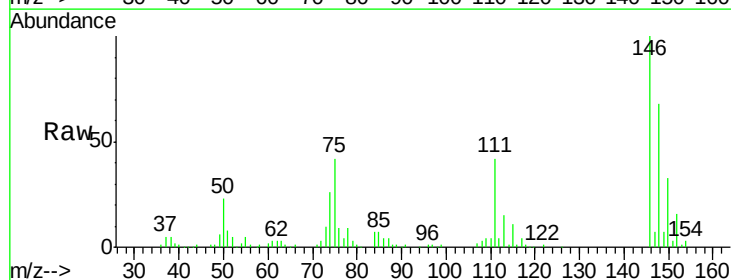
RT: 9.26 min Scan# 1016

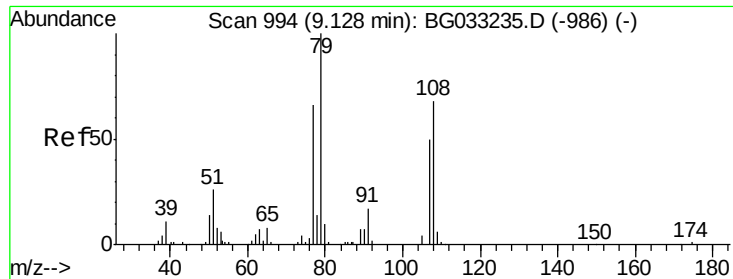
Delta R.T. -0.01 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Tgt Ion:	146	Resp:	130854
Ion Ratio	Lower	Upper	
146	100		
148	67.6	49.3	73.9
111	42.5	34.3	51.5





#15

Benzyl Alcohol

Concen: 51.792 ng

RT: 9.13 min Scan# 995

Delta R.T. 0.01 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Instrument :

BNA_G

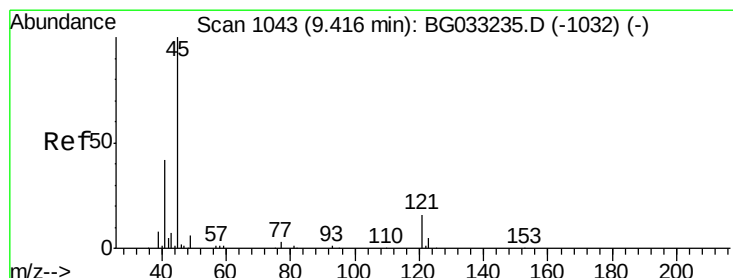
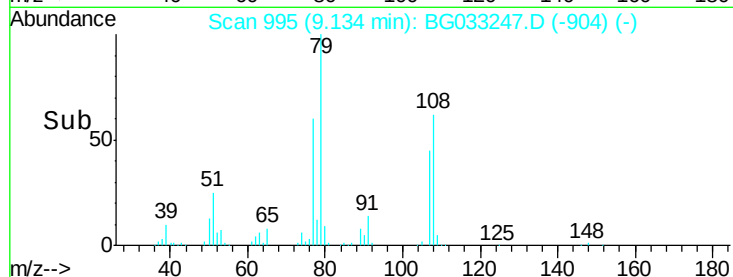
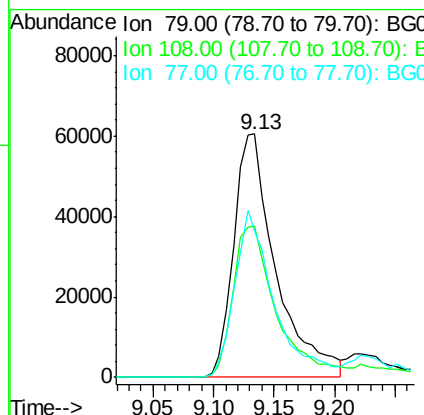
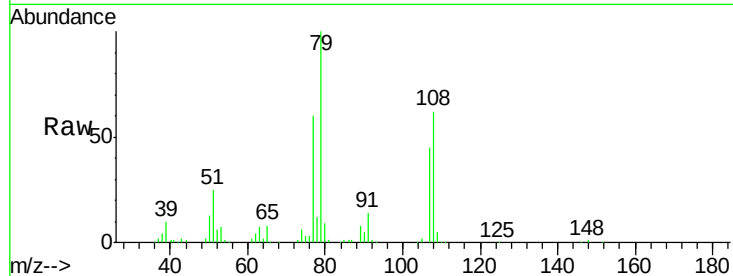
ClientSampled :

PB107449BS

Tot Ion:	79	Resp:	147155
Ion Ratio	Lower	Upper	
79	100		
108	62.0	57.2	85.8
77	60.2	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.374 ng

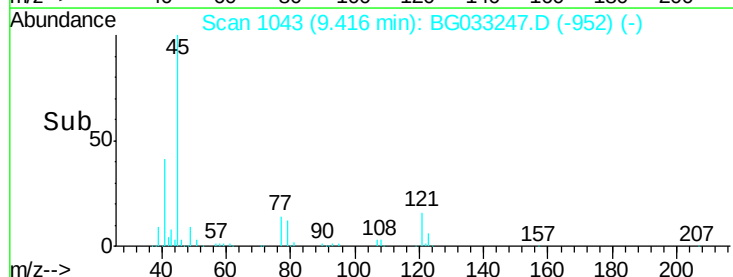
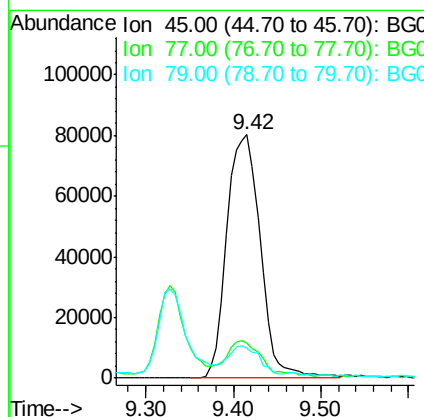
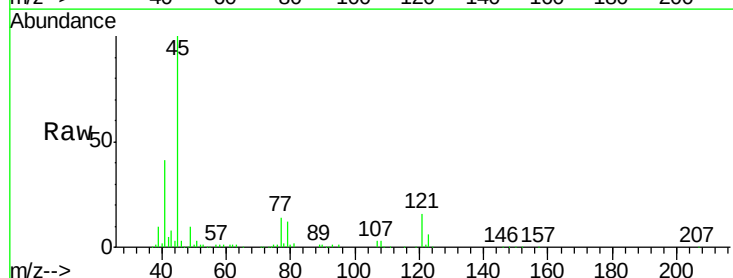
RT: 9.42 min Scan# 1043

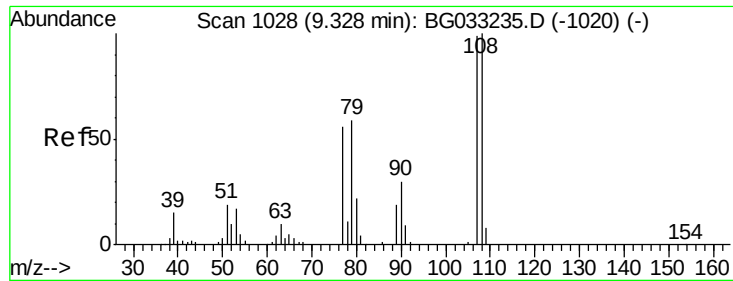
Delta R.T. 0.01 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Tgt Ion:	45	Resp:	210374
Ion Ratio	Lower	Upper	
45	100		
77	14.3	0.0	30.2
79	12.2	0.0	27.9





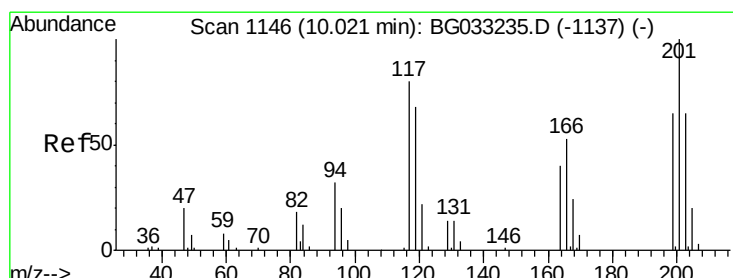
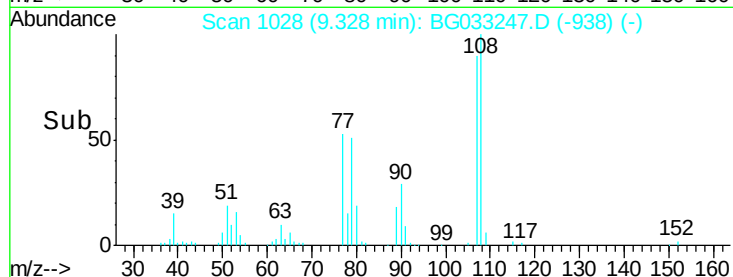
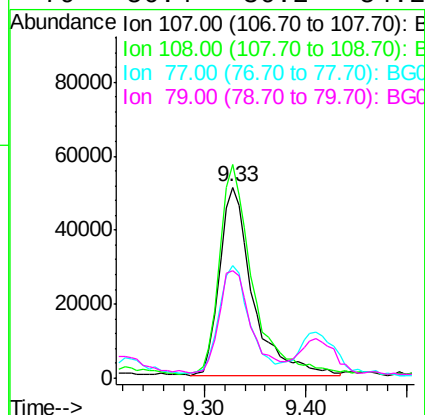
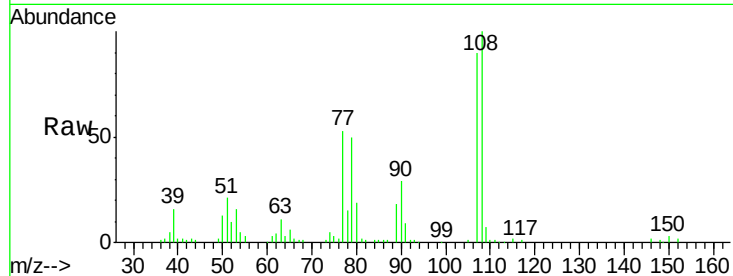
#17
2-Methylphenol
Concen: 47.565 ng
RT: 9.33 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Instrument :
BNA_G
ClientSampleId :
PB107449BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	83.9	125.9	
77	58.9	37.2	55.8	
79	56.4	36.2	54.2	

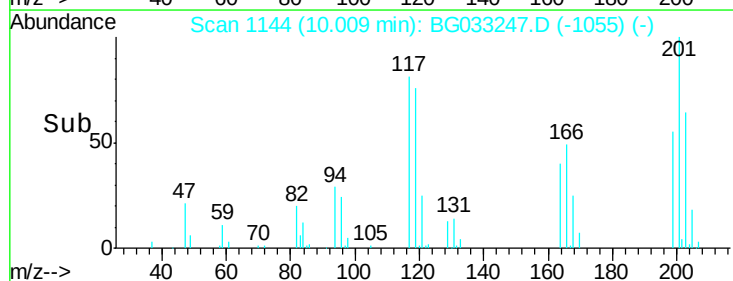
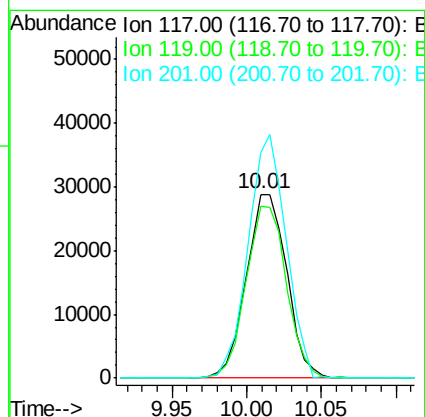
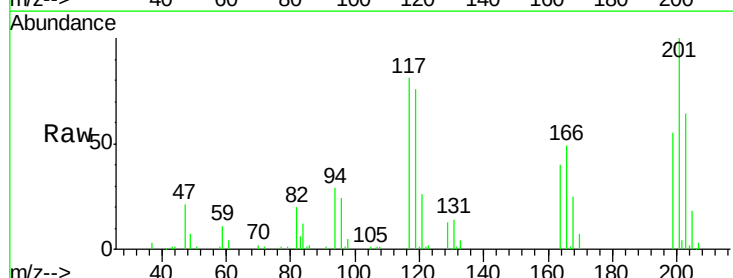
Manual Integrations
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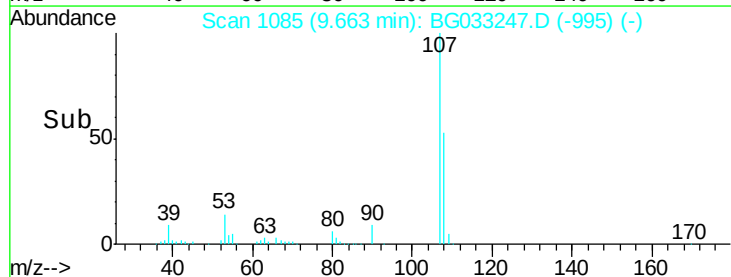
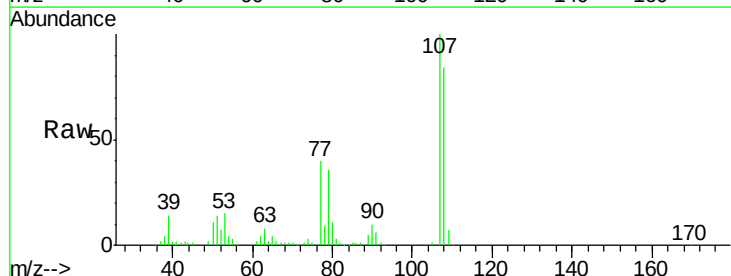
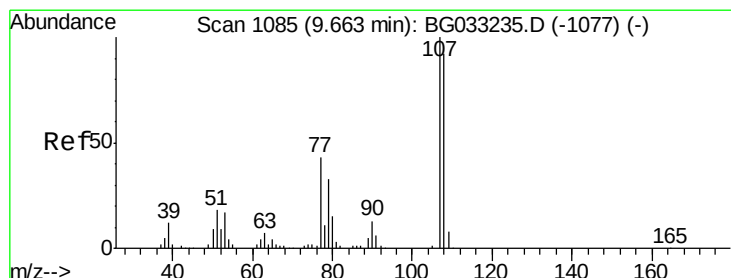
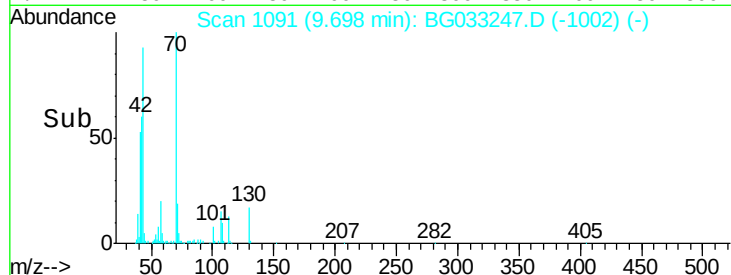
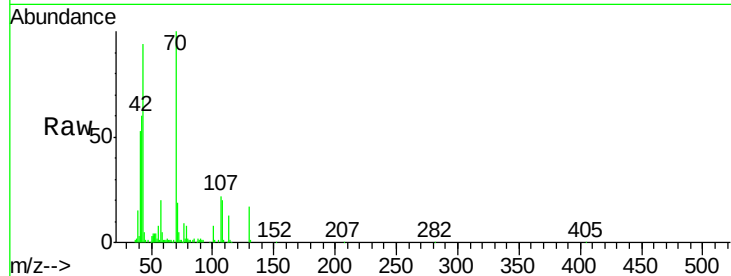
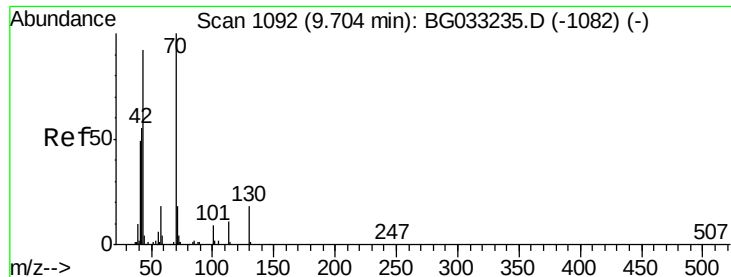
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#18
Hexachloroethane
Concen: 44.320 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.5	76.7	115.1	
201	127.7	95.7	143.5	





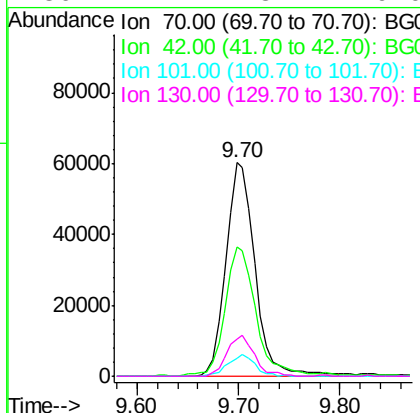
#19
n-Nitroso-di-n-propylamine
Concen: 45.218 ng
RT: 9.70 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Instrument :
BNA_G
ClientSampleId :
PB107449BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.5	49.1	73.7	
101	8.1	8.5	12.7	
130	17.4	13.4	20.0	

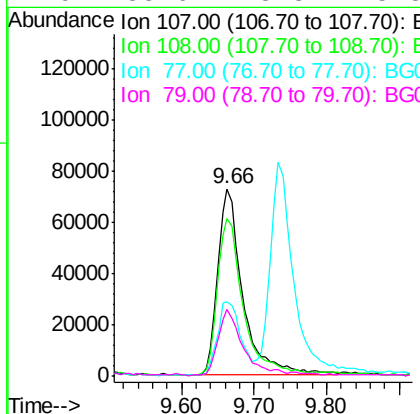
Manual Integrations
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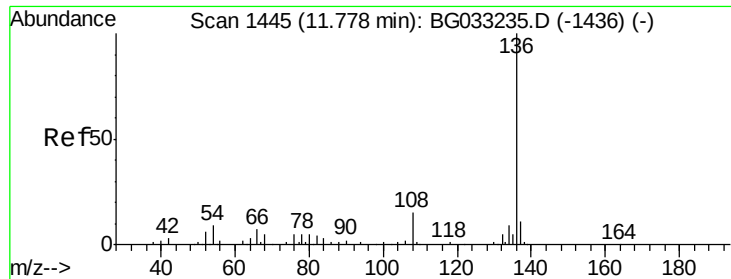
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#20
3+4-Methylphenols
Concen: 50.986 ng
RT: 9.66 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.3	61.6	101.6	
77	39.5	13.9	53.9	
79	35.6	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Instrument :

BNA_G

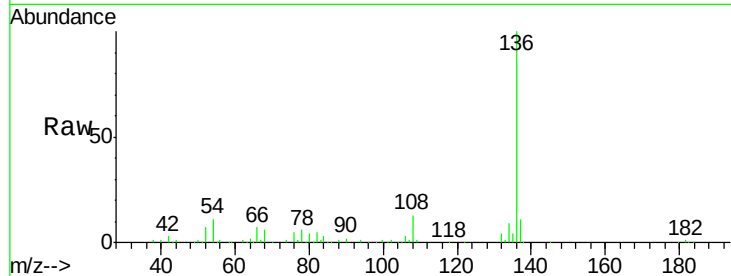
ClientSampleId :

PB107449BS

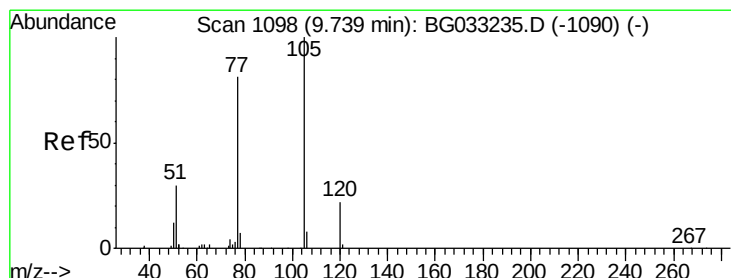
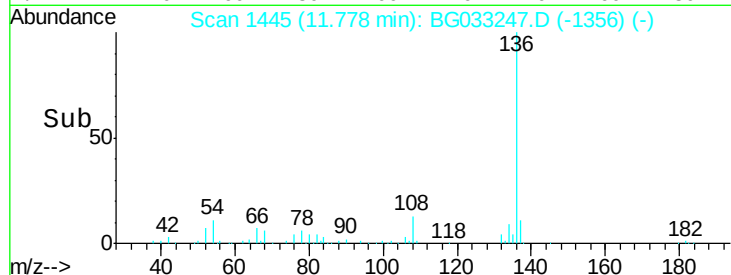
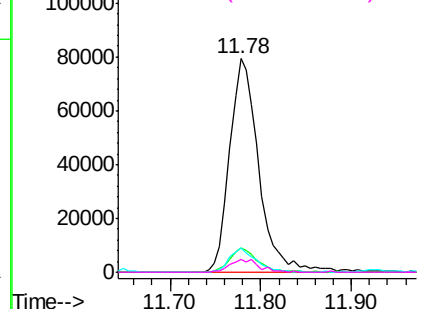
Tot Ion	Ratio	Resp	Lower	Upper
136	100	177642		
137	11.4	9.2	13.8	
54	11.4	10.3	15.5	
68	6.0	4.5	6.7	

Manual Integrations
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Abundance Ion 136.00 (135.70 to 136.70): E



#22

Acetophenone

Concen: 41.930 ng

RT: 9.73 min Scan# 1097

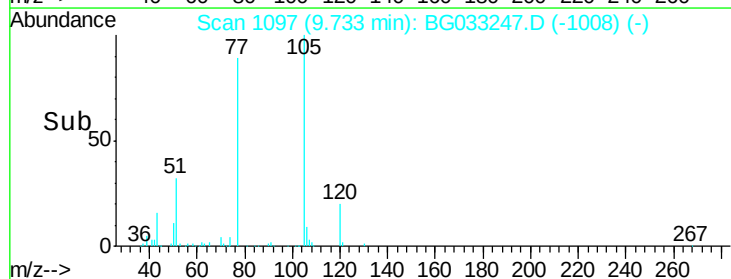
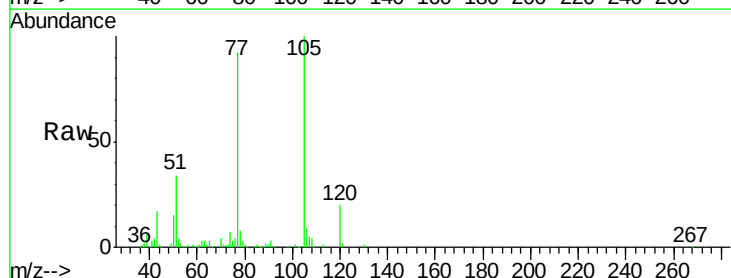
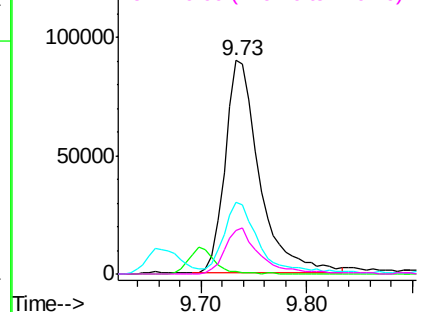
Delta R.T. -0.01 min

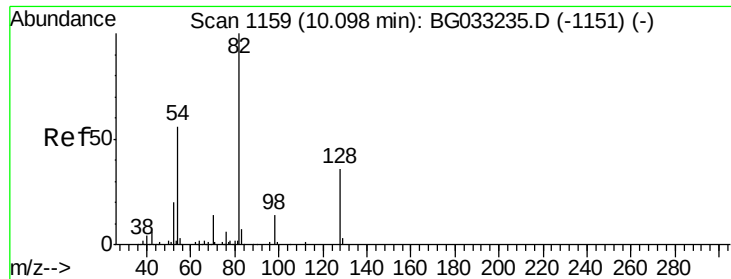
Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	204065		
71	0.9	3.0	4.4#	
51	33.8	26.1	39.1	
120	20.3	17.4	26.2	

Abundance Ion 105.00 (104.70 to 105.70): E





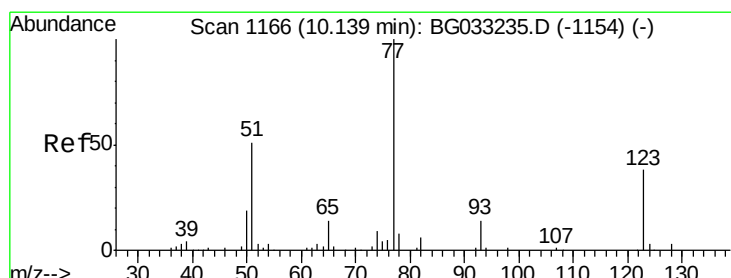
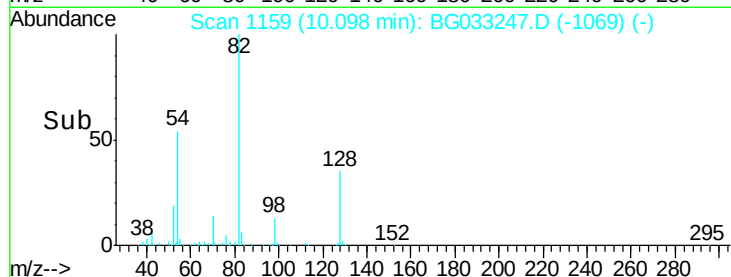
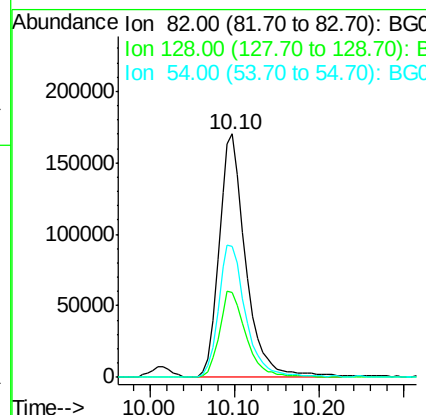
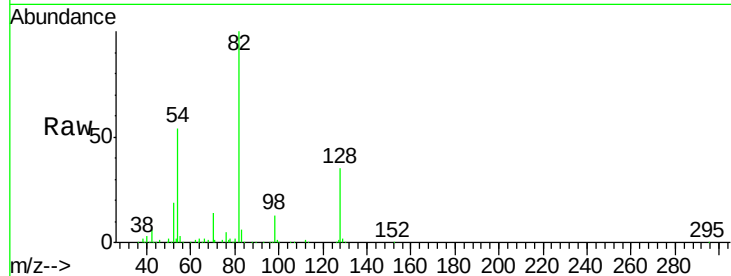
#23
 Nitrobenzene-d5
 Concen: 97.157 ng
 RT: 10.10 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BG033247.D
 Acq: 19 Mar 2018 19:42

Instrument :
 BNA_G
 ClientSampleId :
 PB107449BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	54.0	43.1	64.7

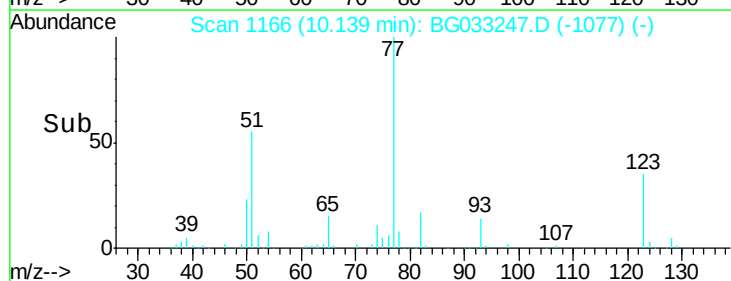
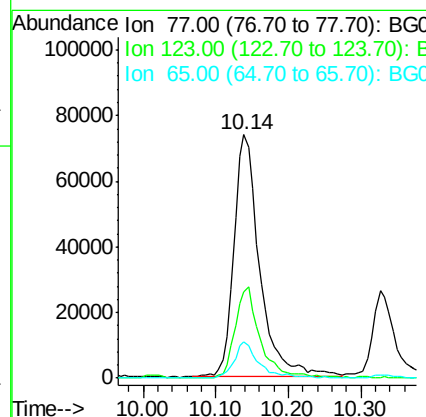
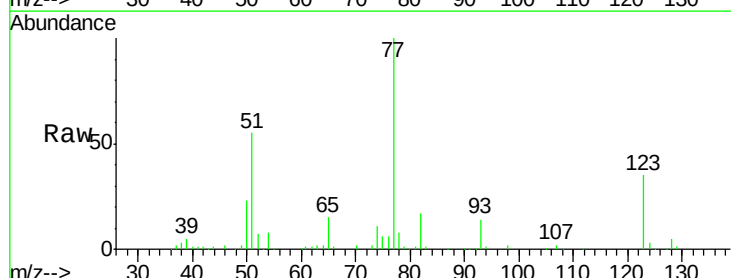
Manual Integrations
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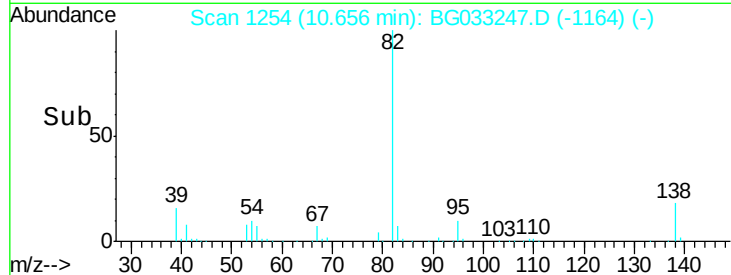
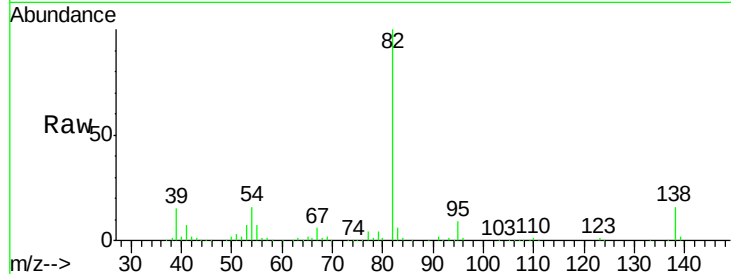
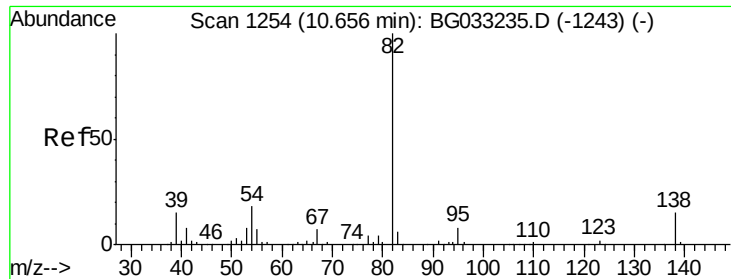
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#24
 Nitrobenzene
 Concen: 44.415 ng
 RT: 10.14 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG033247.D
 Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.1	33.0	49.6
65	15.1	13.0	19.6





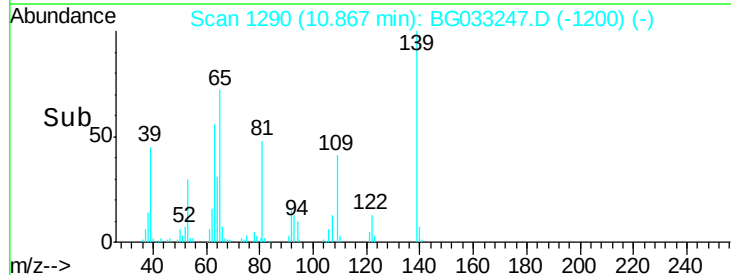
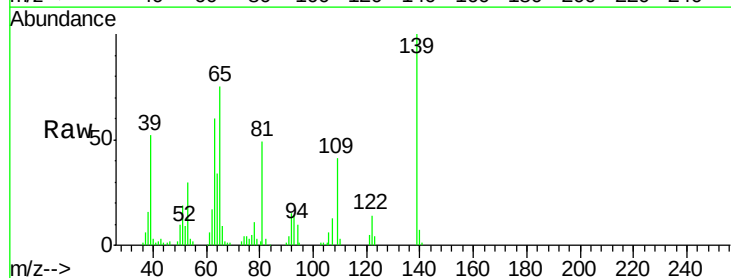
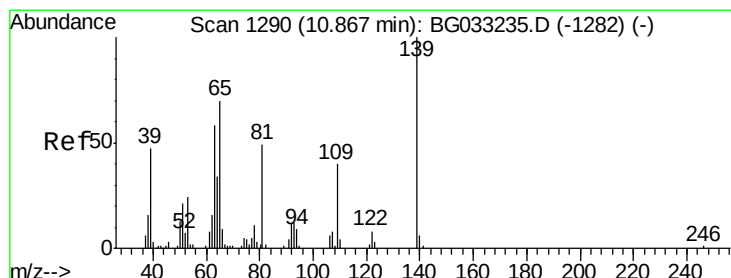
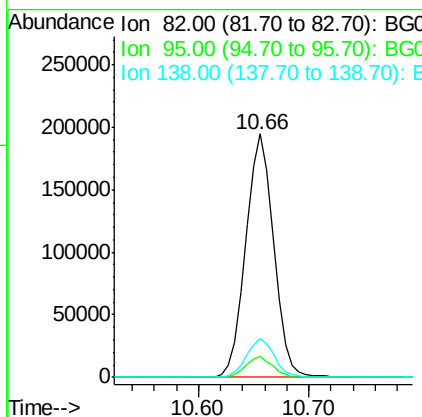
#25
Isophorone
Concen: 46.193 ng
RT: 10.66 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Tot Ion	Ratio	Resp	Lower	Upper
82	100	346641		
95	8.8	6.2	9.2	
138	15.8	12.1	18.1	

Instrument :
BNA_G
ClientSampleId :
PB107449BS

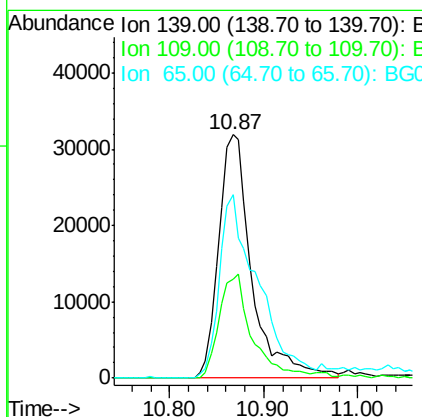
Manual Integrations
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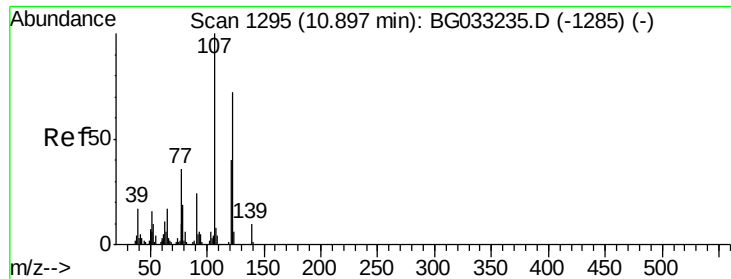
Sohil
3/20/2018 6:29:37 PM



#26
2-Nitrophenol
Concen: 50.118 ng
RT: 10.87 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	78526		
109	40.5	24.2	36.2#	
65	75.4	47.4	71.0#	





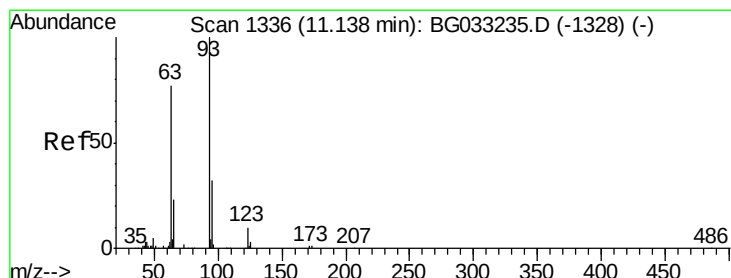
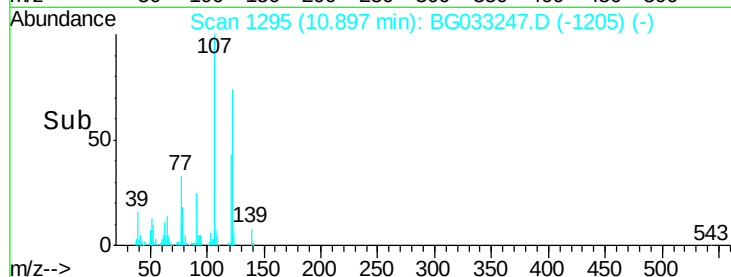
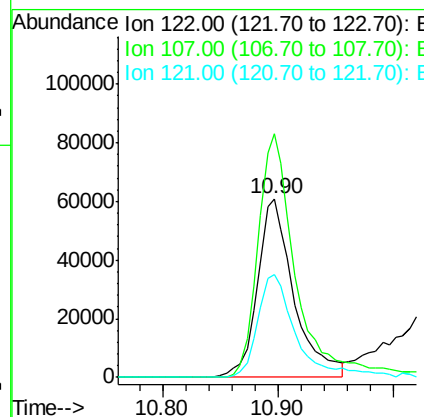
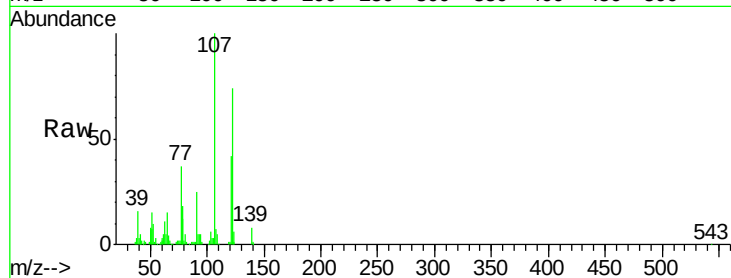
#27
2,4-Dimethylphenol
Concen: 58.737 ng
RT: 10.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Instrument :
BNA_G
ClientSampled :
PB107449BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.0	100.2	150.2
121	57.8	44.4	66.6

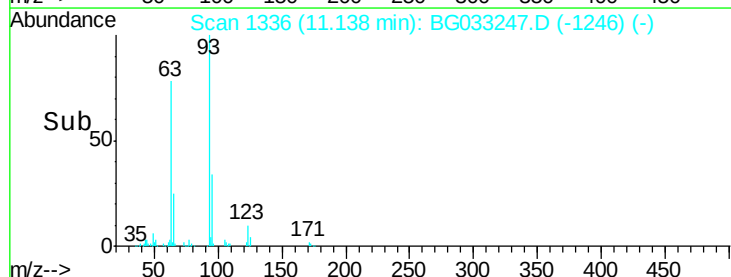
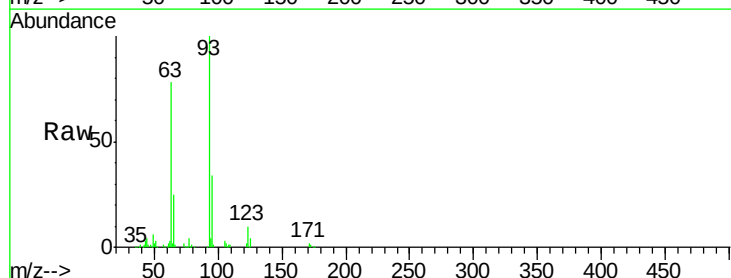
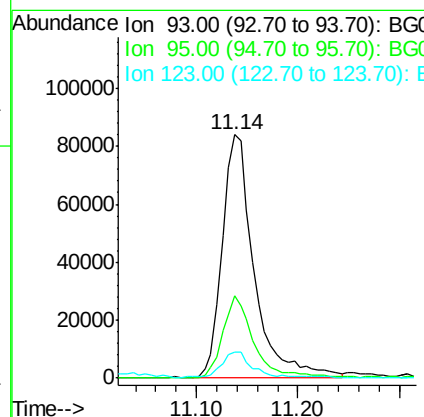
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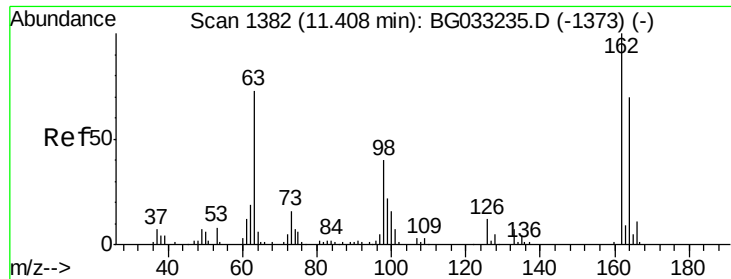
Sohil
3/20/2018 6:29:37 PM



#28
bis(2-Chloroethoxy)methane
Concen: 49.295 ng
RT: 11.14 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	24.3	36.5
123	10.5	8.4	12.6





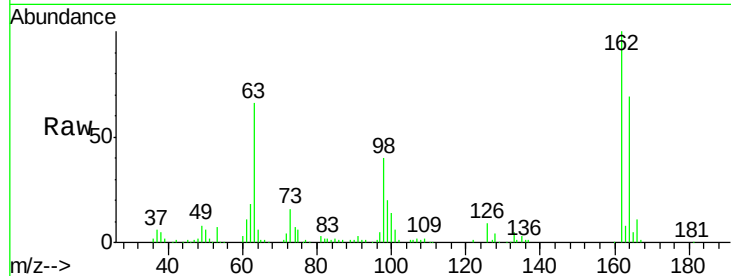
#29
 2,4-Dichlorophenol
 Concen: 54.403 ng
 RT: 11.41 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BG033247.D
 Acq: 19 Mar 2018 19:42

Instrument :
 BNA_G
 ClientSampleId :
 PB107449BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	152284		
164	68.7	48.0	88.0	
98	39.9	21.1	61.1	

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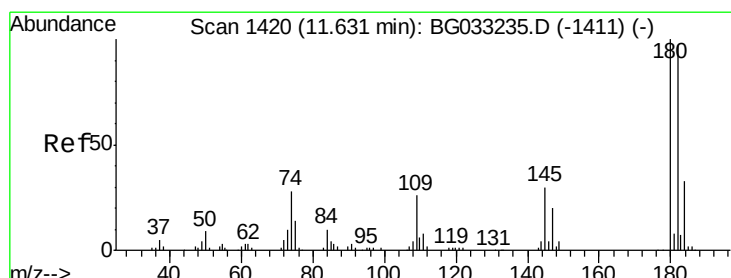
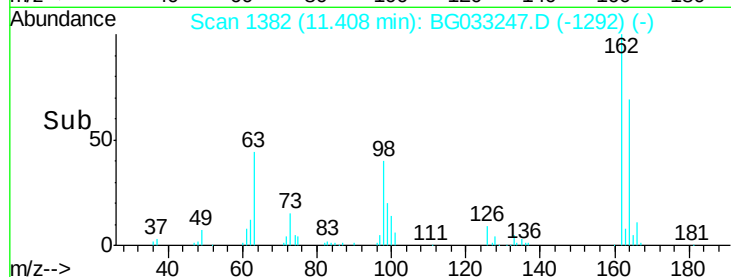
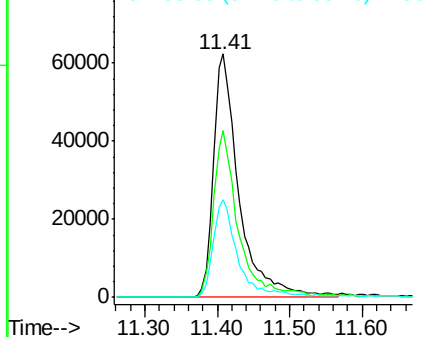


Abundance

Ion 162.00 (161.70 to 162.70): E

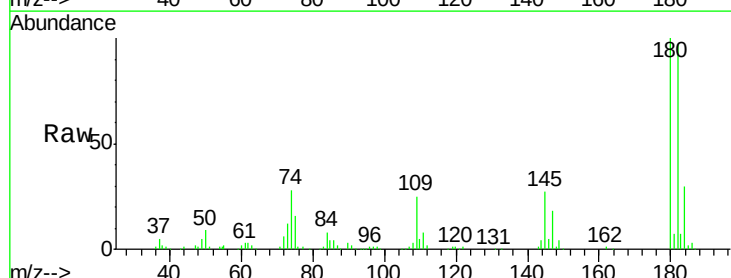
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 42.676 ng
 RT: 11.63 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BG033247.D
 Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	155207		
182	96.8	77.5	116.3	
145	26.8	23.4	35.2	

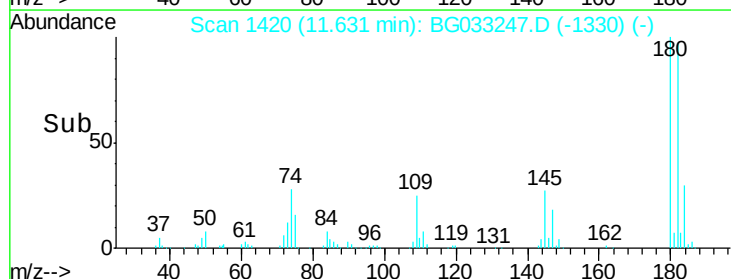
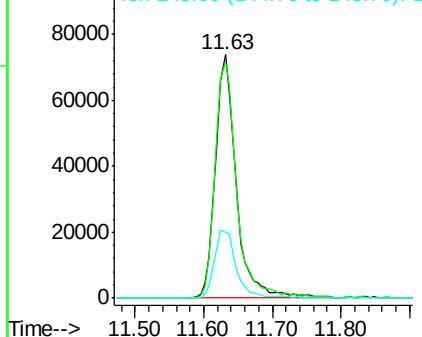


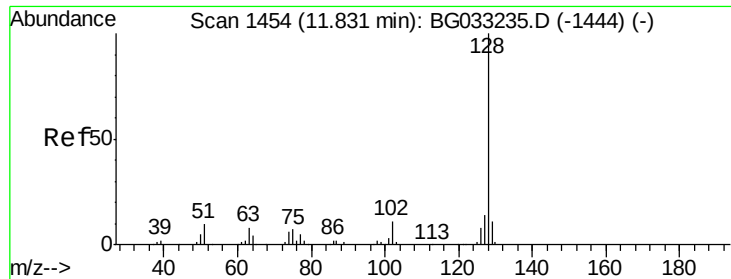
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





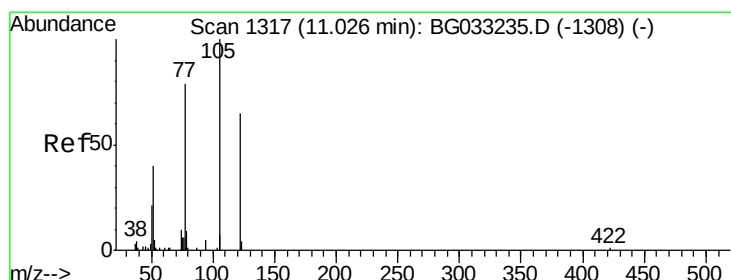
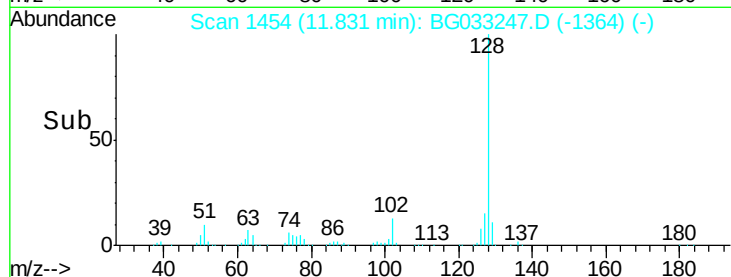
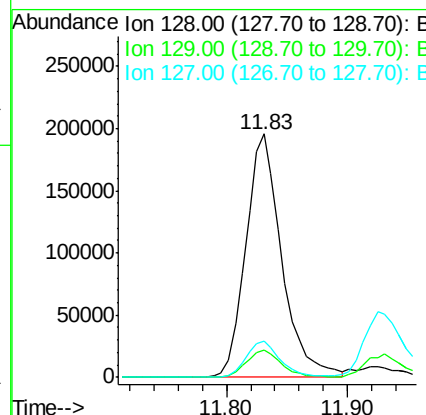
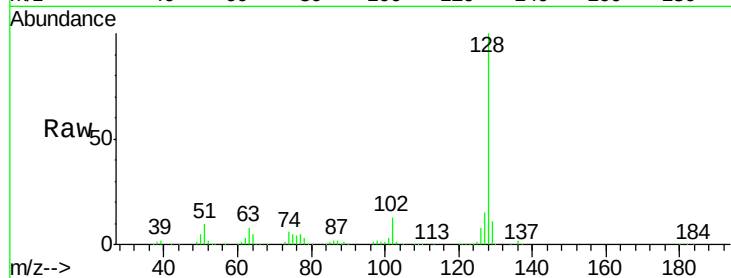
#31
Naphthalene
Concen: 43.964 ng
RT: 11.83 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Instrument :
BNA_G
ClientSampled :
PB107449BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	15.0	11.6	17.4

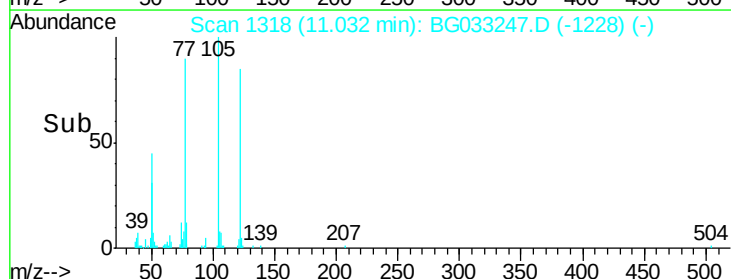
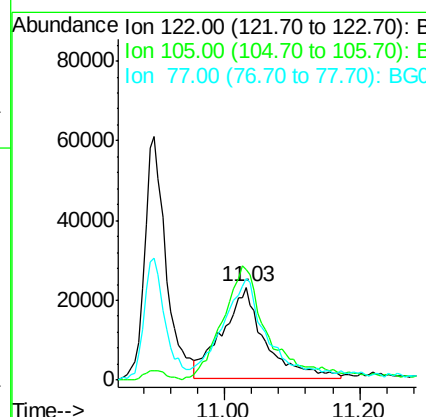
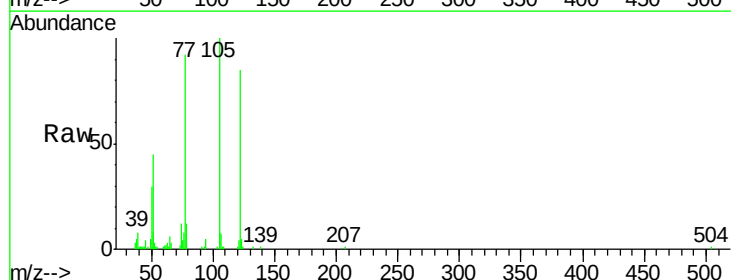
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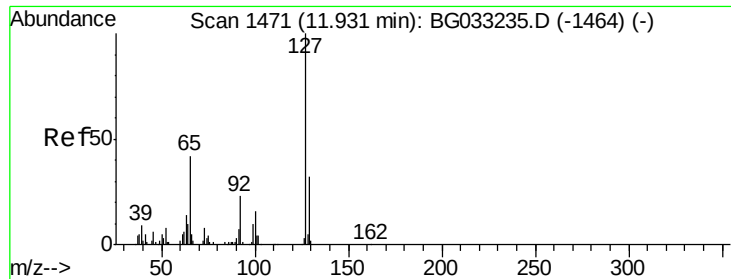
Sohil
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#32
Benzoic acid
Concen: 47.914 ng m
RT: 11.03 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.3	123.5	163.5#
77	108.8	85.7	125.7





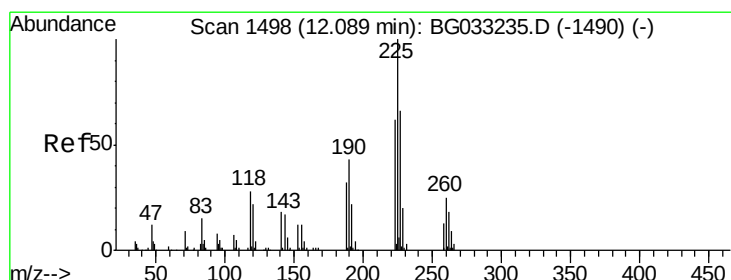
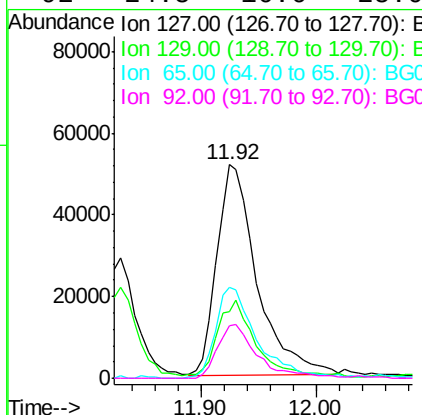
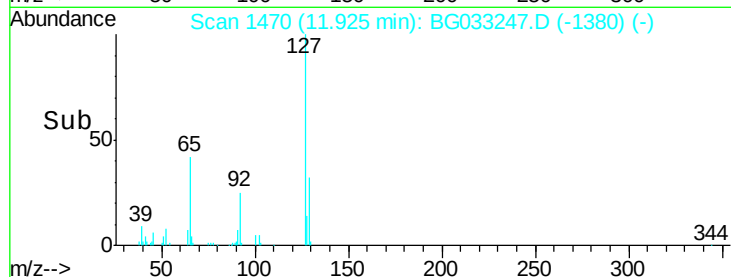
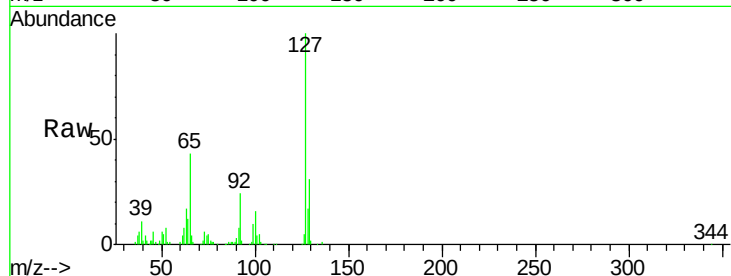
#33
4-Chloroaniline
Concen: 30.188 ng
RT: 11.92 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Instrument :
BNA_G
ClientSampleId :
PB107449BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.0	24.0	36.0		
65	42.6	27.0	40.4		
92	24.5	16.6	25.0		

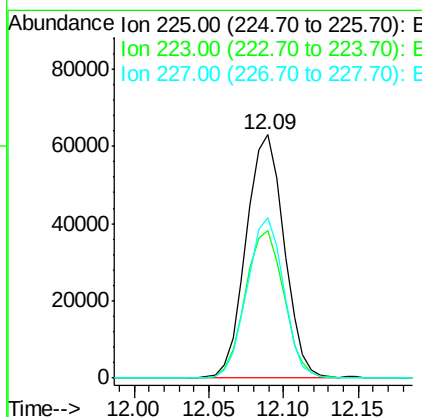
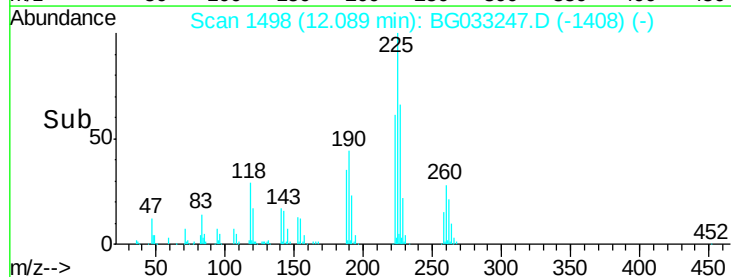
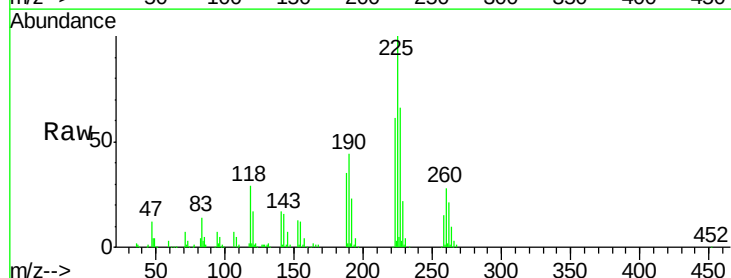
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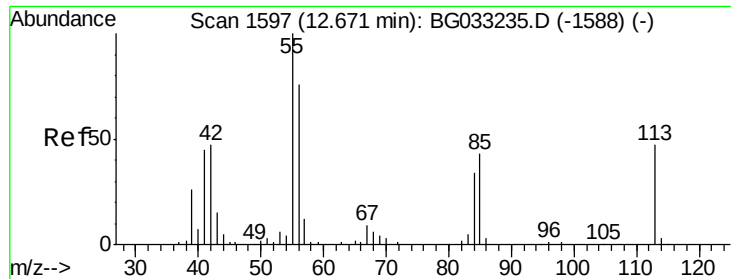
Sohil
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#34
Hexachlorobutadiene
Concen: 40.364 ng
RT: 12.09 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.9	49.7	74.5		
227	69.2	48.1	72.1		





#35

Caprolactam

Concen: 47.890 ng

RT: 12.68 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Instrument :

BNA_G

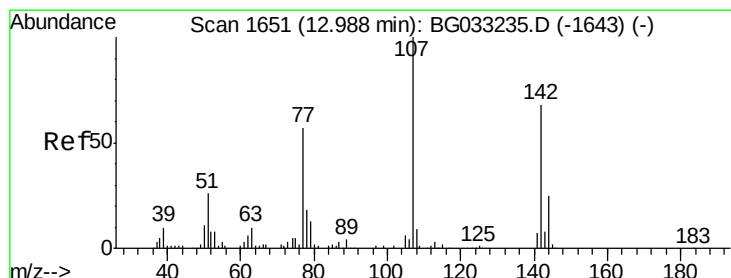
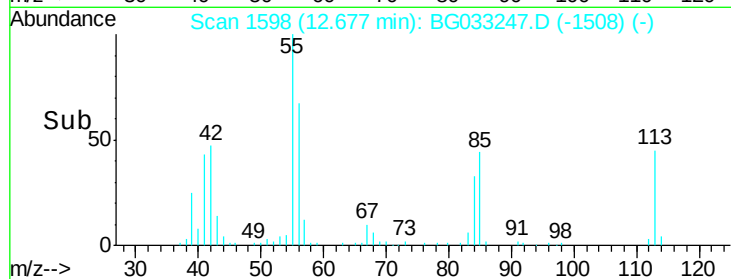
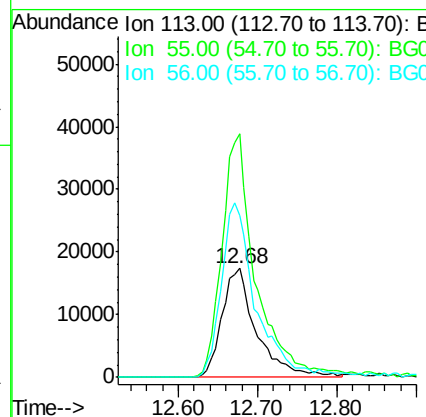
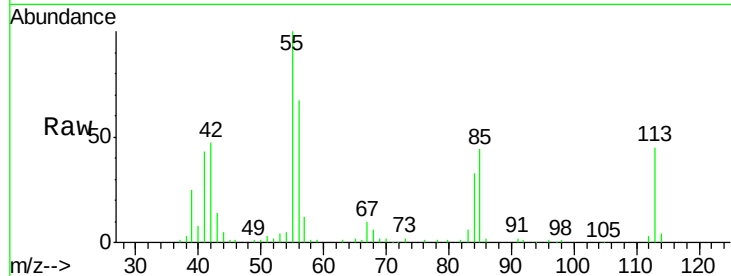
ClientSampleId :

PB107449BS

Tot Ion:113 Resp: 52517
 Ion Ratio Lower Upper
 113 100
 55 223.6 186.9 226.9
 56 148.8 130.9 170.9

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 53.223 ng

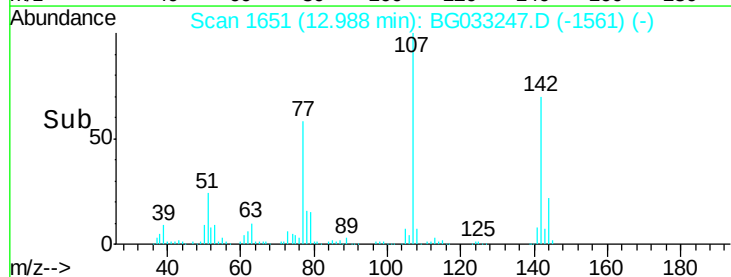
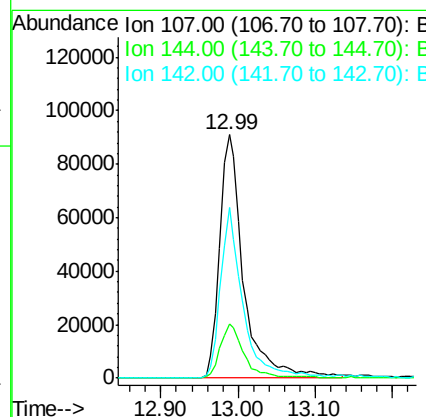
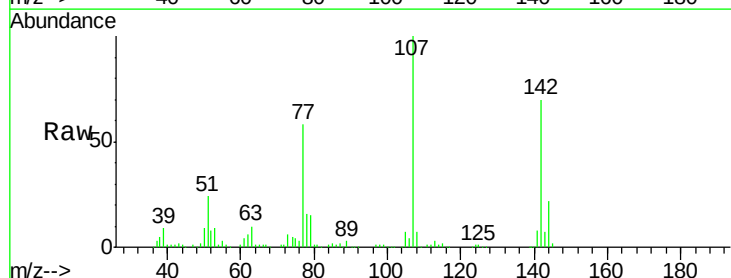
RT: 12.99 min Scan# 1651

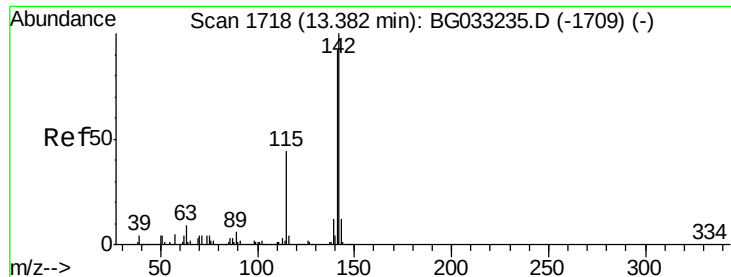
Delta R.T. 0.00 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Tgt Ion:107 Resp: 194313
 Ion Ratio Lower Upper
 107 100
 144 22.5 18.2 27.4
 142 70.1 59.0 88.4





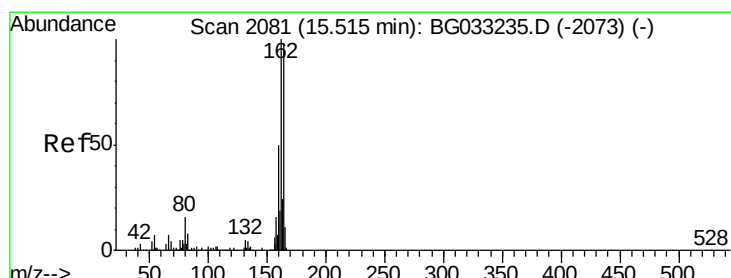
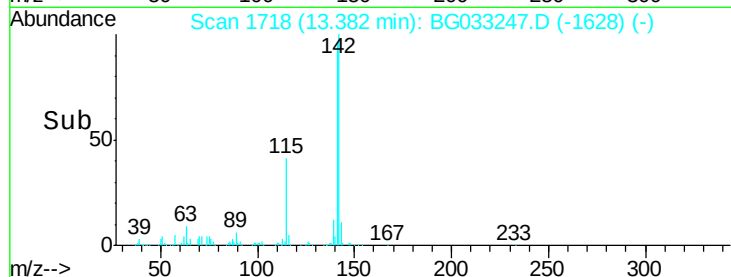
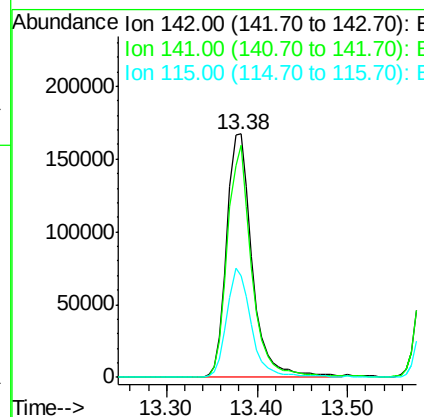
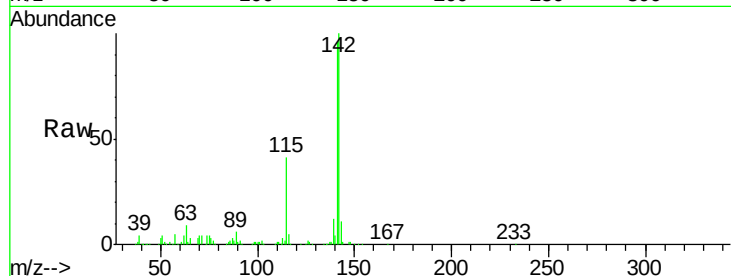
#37
2-Methylnaphthalene
Concen: 45.413 ng
RT: 13.38 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Instrument :
BNA_G
ClientSampleId :
PB107449BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	95.6	67.1	100.7
115	41.5	30.7	46.1

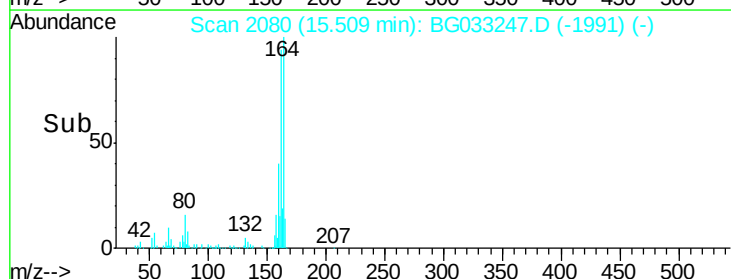
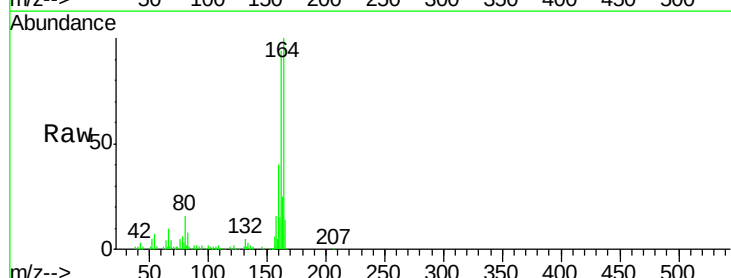
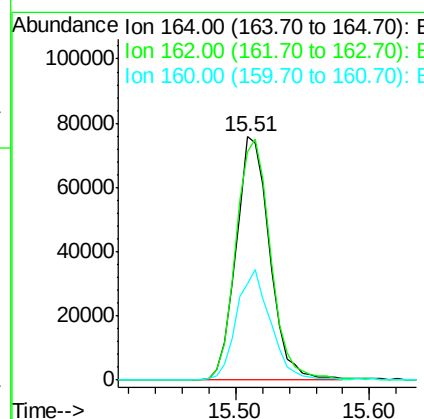
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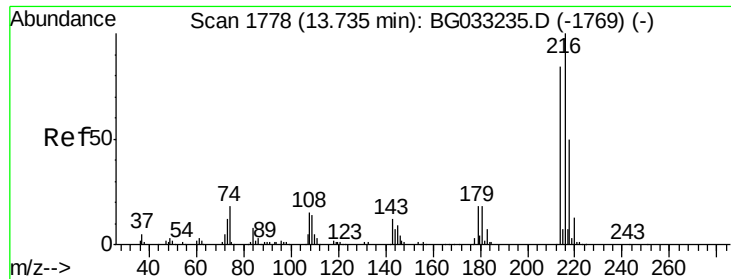
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.8	78.8	118.2
160	39.8	35.4	53.0





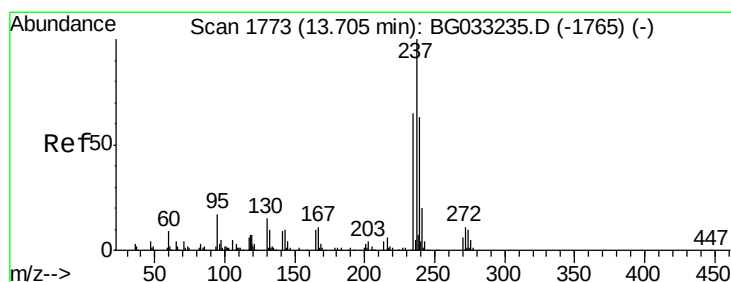
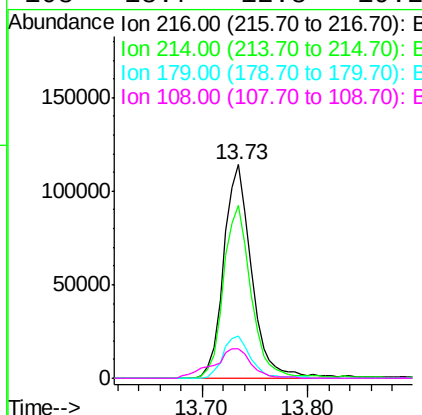
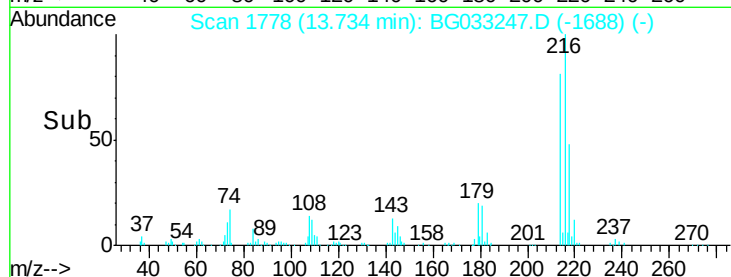
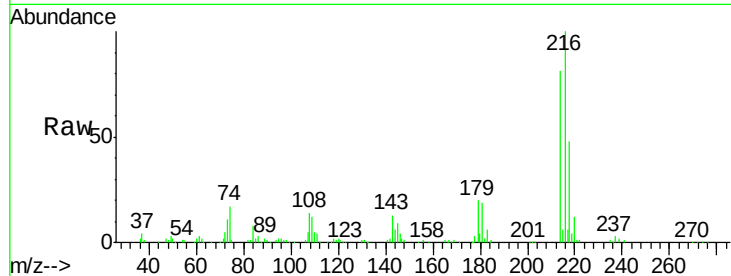
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.436 ng
 RT: 13.73 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG033247.D
 Acq: 19 Mar 2018 19:42

Instrument :
 BNA_G
 ClientSampleId :
 PB107449BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		209269		
214	81.2		63.0	94.4	
179	20.0		17.0	25.6	
108	18.7		12.8	19.2	

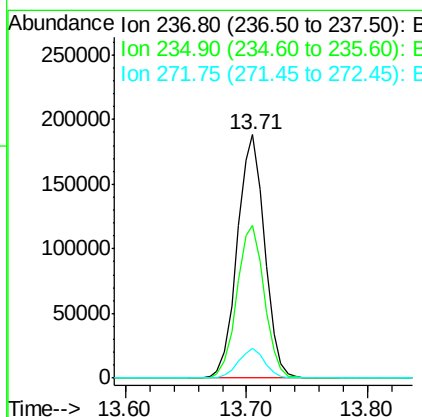
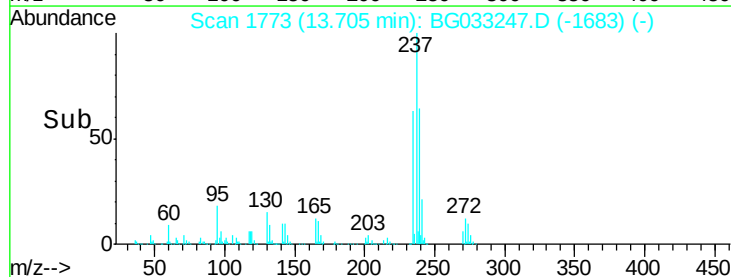
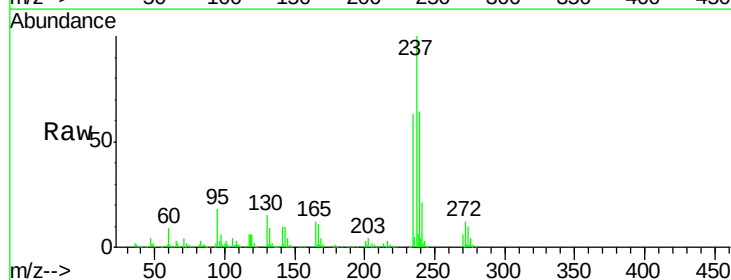
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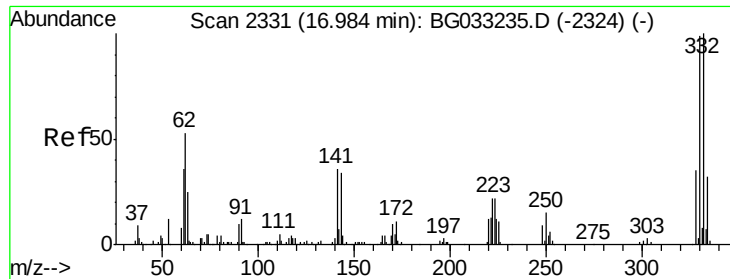
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#40
 Hexachlorocyclopentadiene
 Concen: 105.224 ng
 RT: 13.71 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG033247.D
 Acq: 19 Mar 2018 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		297193		
235	62.7		50.4	90.4	
272	12.1		0.0	31.8	





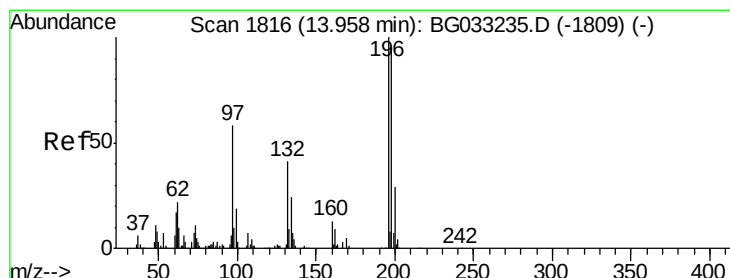
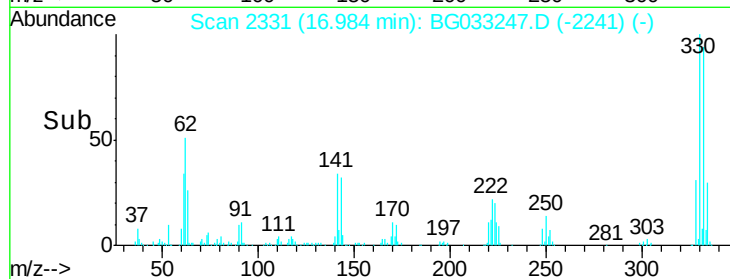
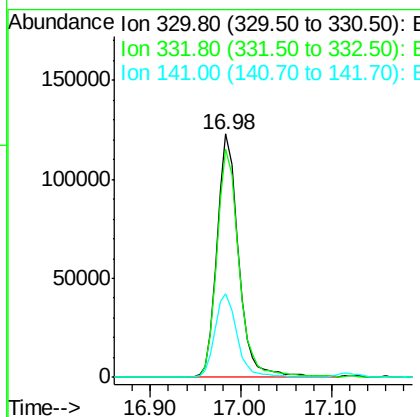
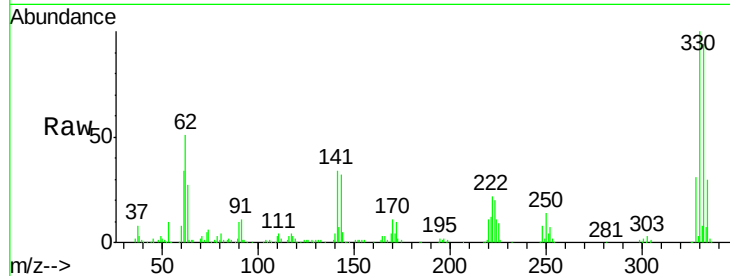
#41
 2,4,6-Tribromophenol
 Concen: 102.065 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: BG033247.D
 Acq: 19 Mar 2018 19:42

Instrument :
 BNA_G
 ClientSampleId :
 PB107449BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	77.0	115.6	
141	35.4	25.2	37.8	

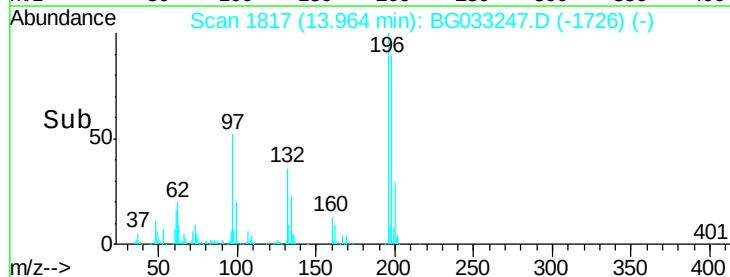
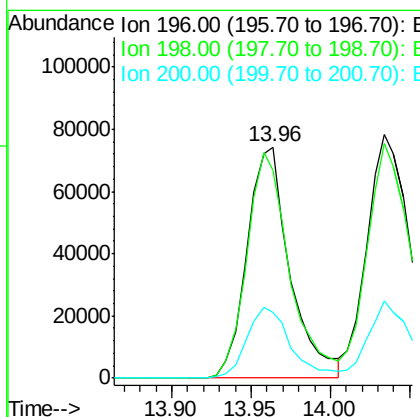
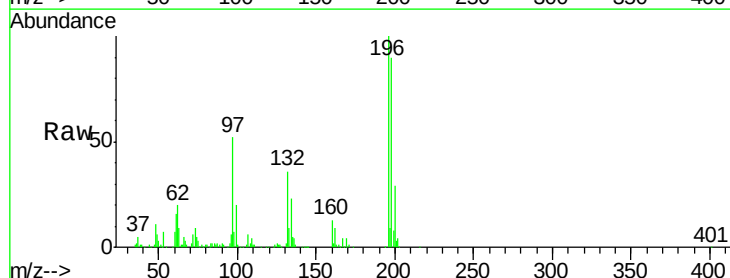
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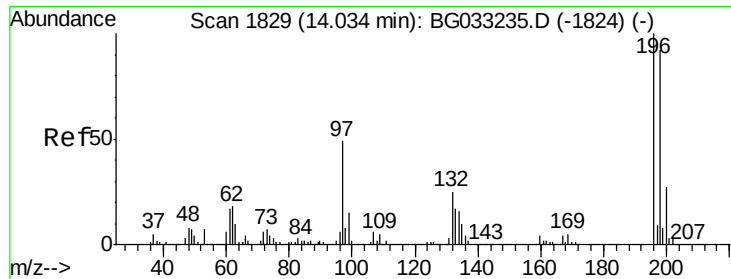
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 49.926 ng
 RT: 13.96 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: BG033247.D
 Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	90.1	78.2	117.2	
200	28.6	24.6	36.8	





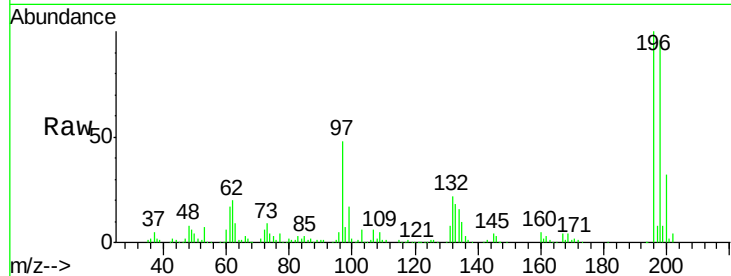
#43
2,4,5-Trichlorophenol
Concen: 49.811 ng
RT: 14.03 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Instrument :
BNA_G
ClientSampleId :
PB107449BS

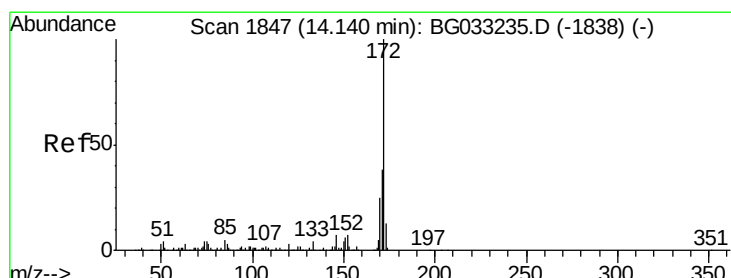
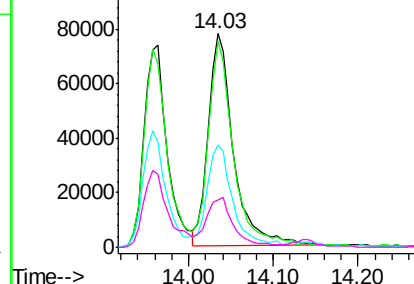
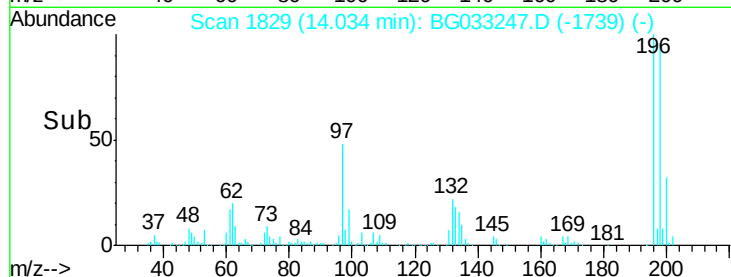
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		164809		
198	96.5	76.2	114.4		
97	48.2	38.7	58.1		
132	22.3	20.2	30.2		

Manual Integrations
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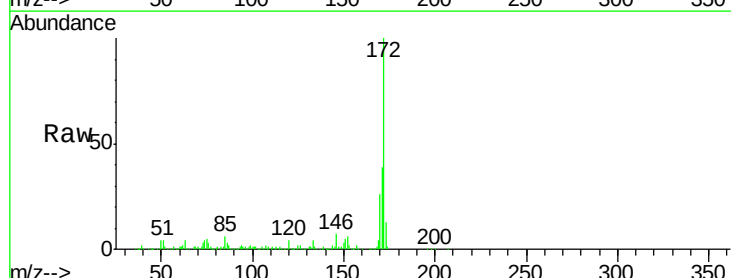


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

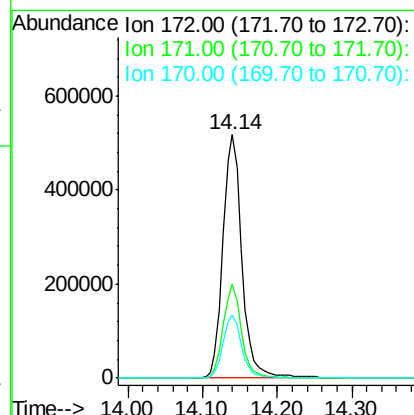
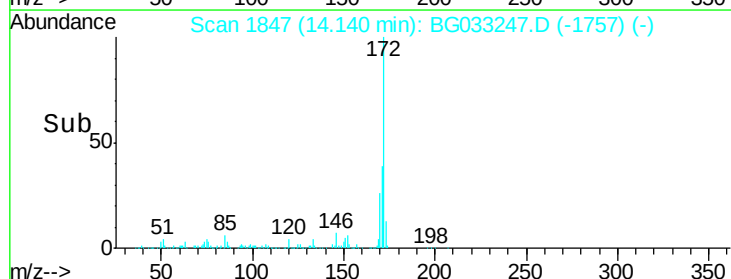


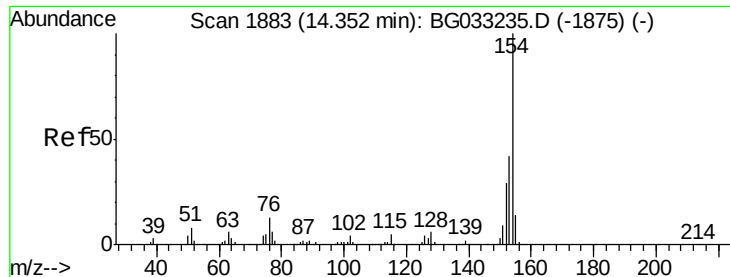
#44
2-Fluorobiphenyl
Concen: 99.387 ng
RT: 14.14 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		915692		
171	38.5	30.0	45.0		
170	25.7	19.5	29.3		



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: 44.653 ng

RT: 14.35 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Instrument :

BNA_G

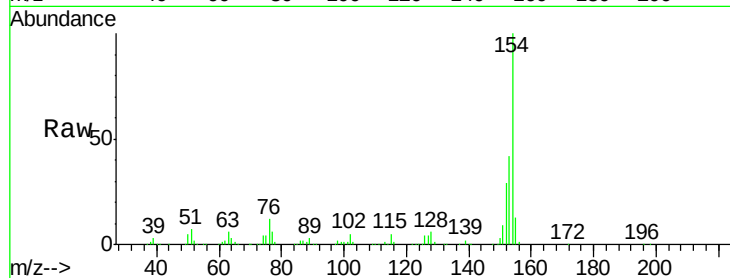
ClientSampleId :

PB107449BS

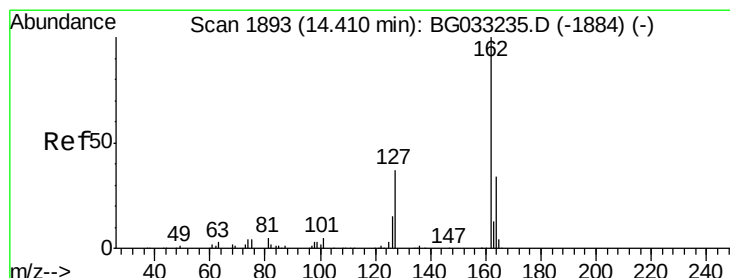
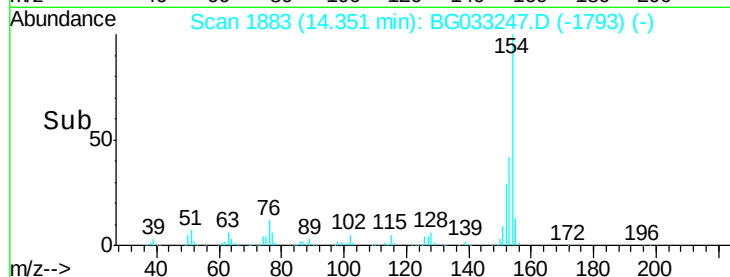
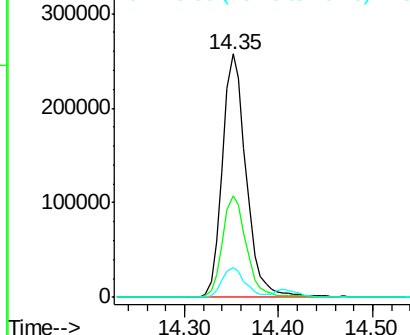
Tot Ion:	154	Resp:	456300
Ion Ratio	Lower	Upper	
154	100		
153	41.9	19.8	59.8
76	12.5	0.0	31.9

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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): BGC



#46

2-Chloronaphthalene

Concen: 45.106 ng

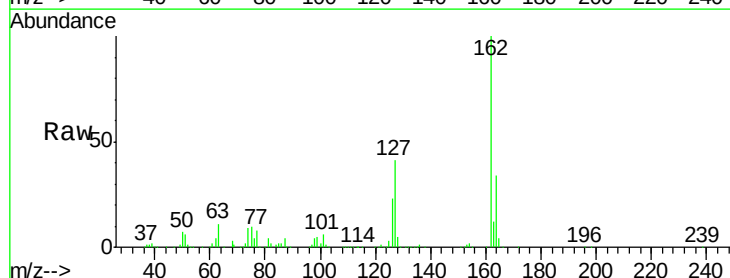
RT: 14.41 min Scan# 1893

Delta R.T. 0.00 min

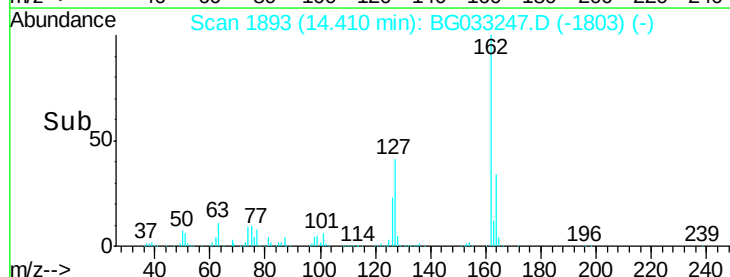
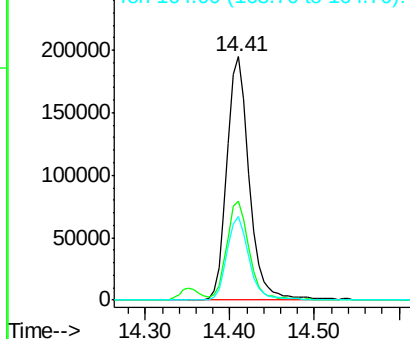
Lab File: BG033247.D

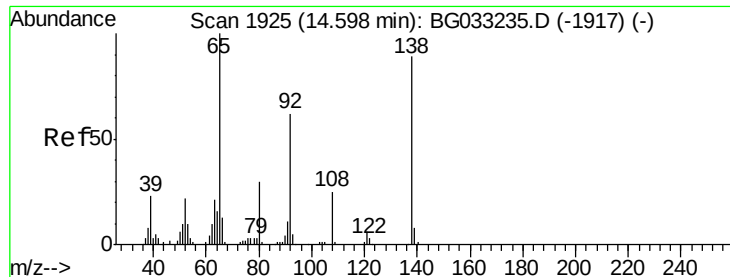
Acq: 19 Mar 2018 19:42

Tgt Ion:	162	Resp:	355398
Ion Ratio	Lower	Upper	
162	100		
127	40.5	30.7	46.1
164	34.4	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





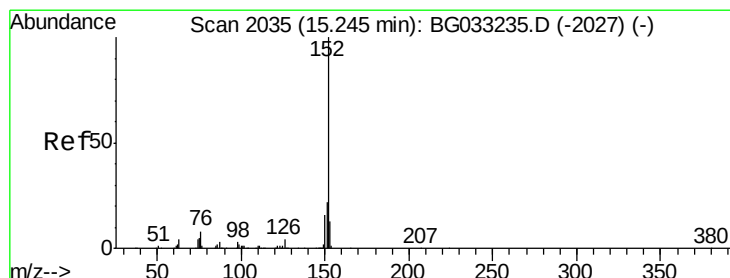
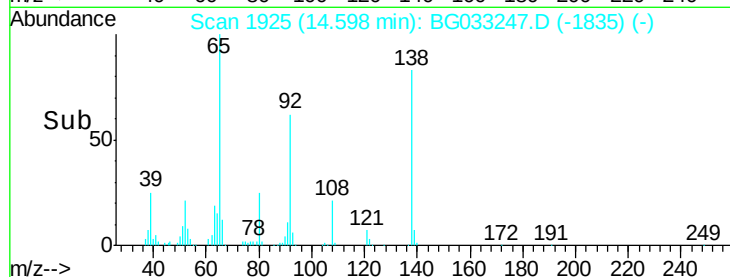
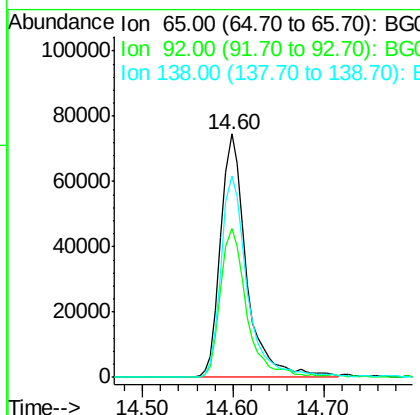
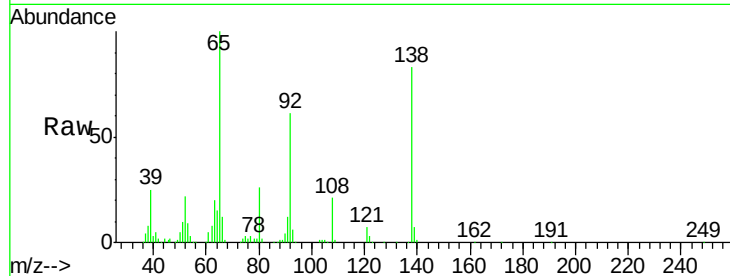
#47
2-Nitroaniline
Concen: 50.260 ng
RT: 14.60 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Instrument :
BNA_G
ClientSampled :
PB107449BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.4	54.6	82.0
138	82.8	72.9	109.3

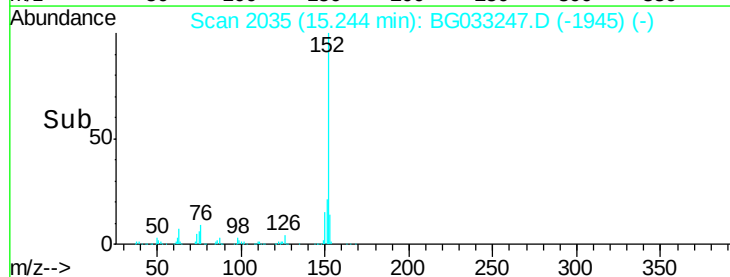
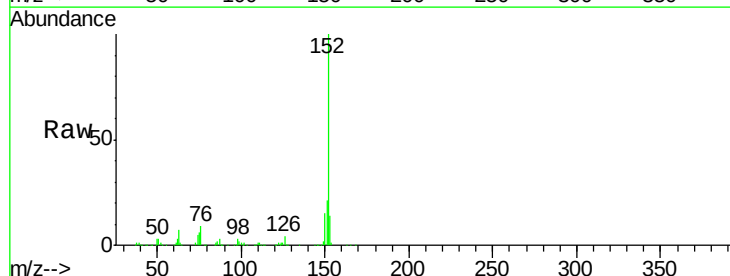
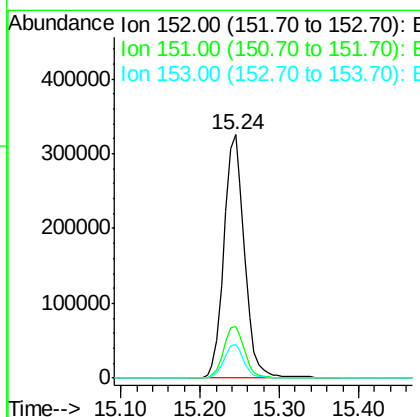
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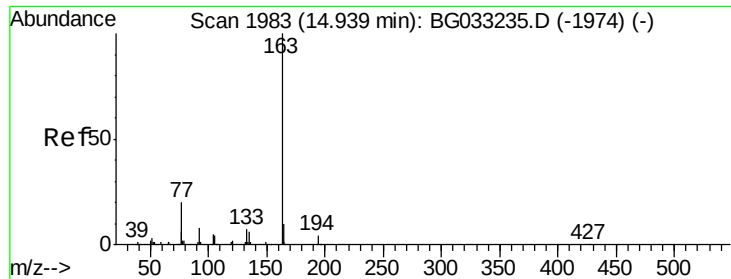
Sohil
3/20/2018 6:29:37 PM



#48
Acenaphthylene
Concen: 44.137 ng
RT: 15.24 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.2	25.8
153	13.9	10.2	15.4





#49

Dimethylphthalate

Concen: 44.761 ng

RT: 14.94 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Instrument :

BNA_G

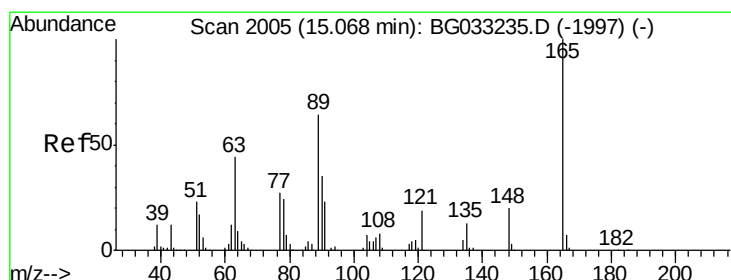
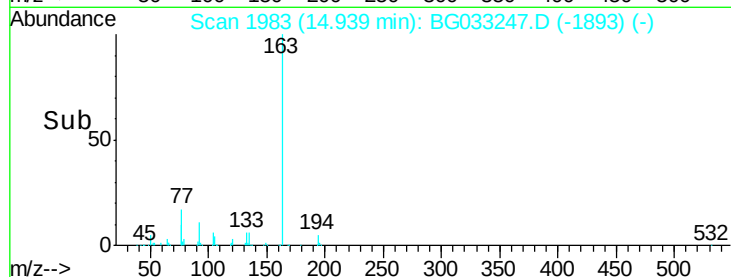
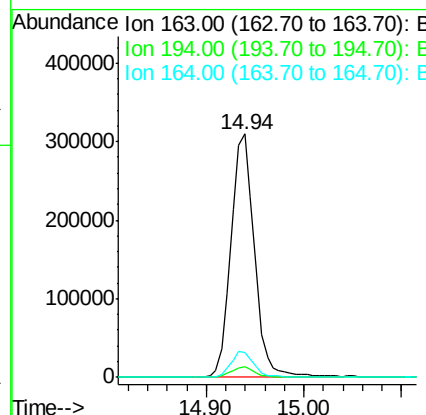
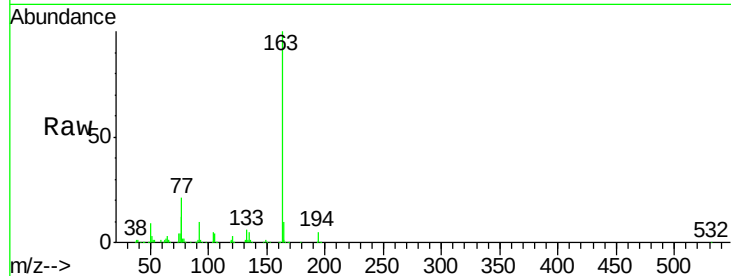
ClientSampleId :

PB107449BS

Tot Ion:	163	Resp:	518125
Ion Ratio		Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.2	8.2	12.4

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#50

2,6-Dinitrotoluene

Concen: 47.840 ng

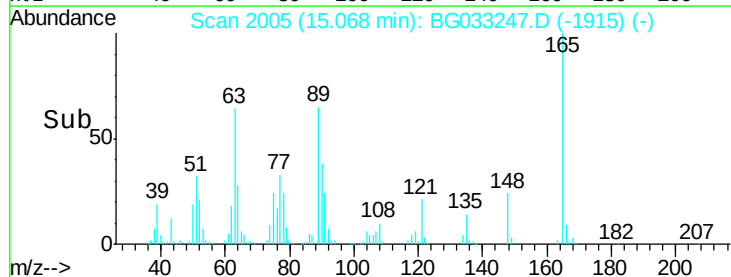
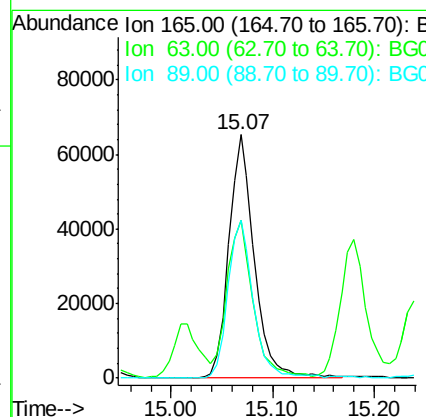
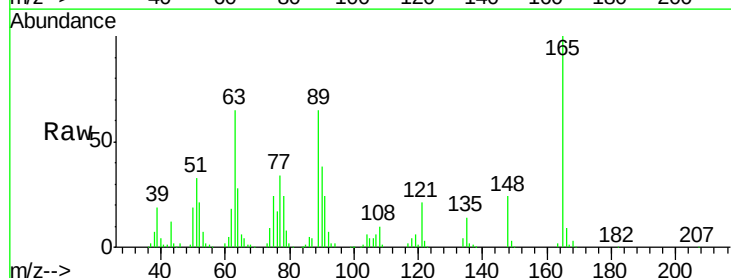
RT: 15.07 min Scan# 2005

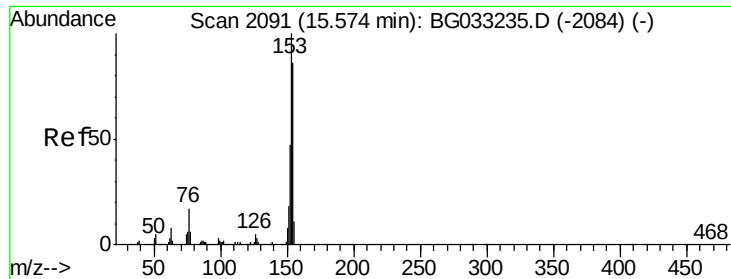
Delta R.T. 0.00 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Tgt Ion:	165	Resp:	113228
Ion Ratio		Lower	Upper
165	100		
63	64.9	52.7	79.1
89	64.9	49.2	73.8





#51

Acenaphthene

Concen: 52.675 ng

RT: 15.57 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Instrument :

BNA_G

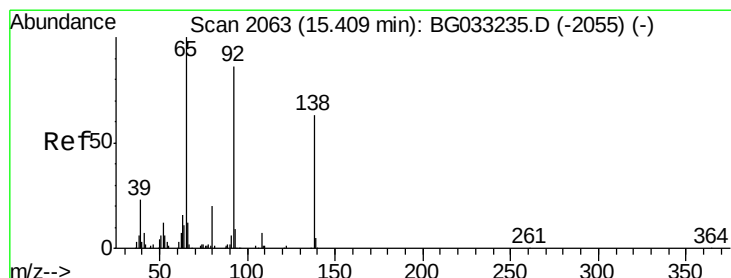
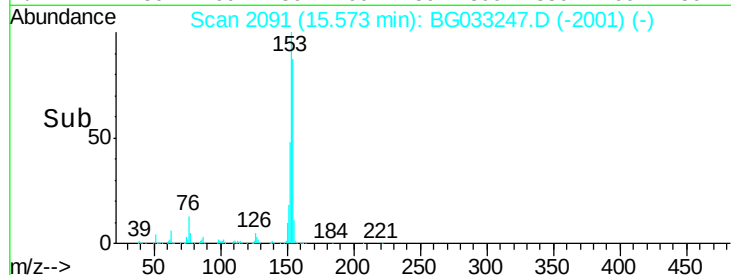
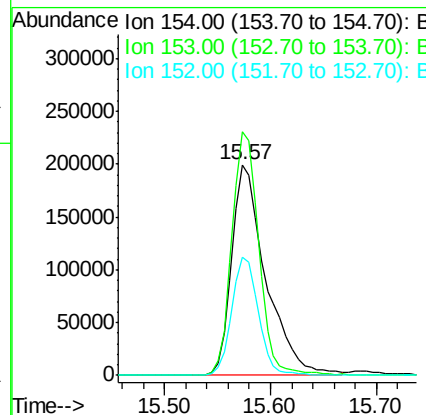
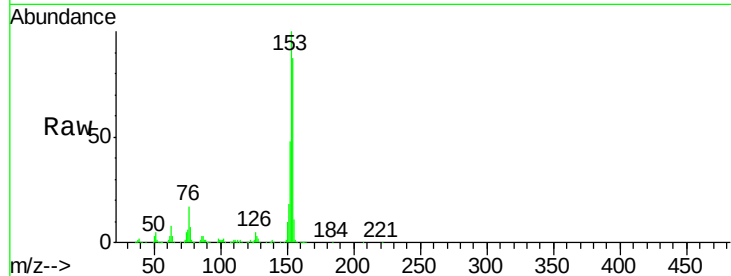
ClientSampleId :

PB107449BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.4	90.4	135.6
152	55.9	41.6	62.4

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#52

3-Nitroaniline

Concen: 35.268 ng

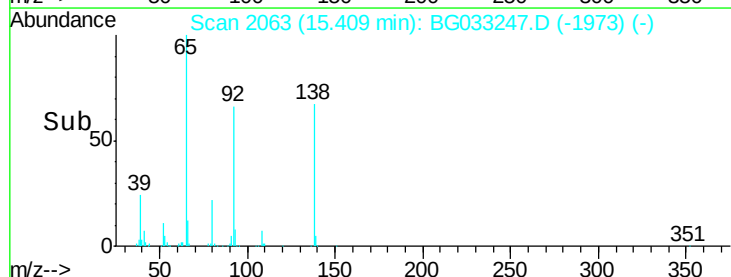
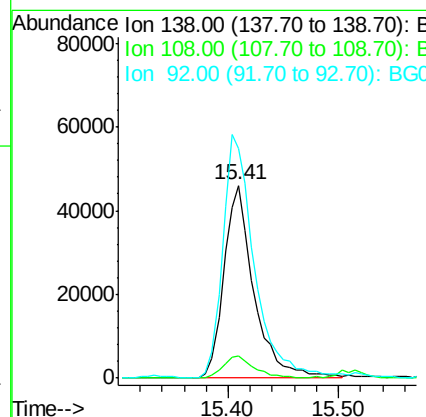
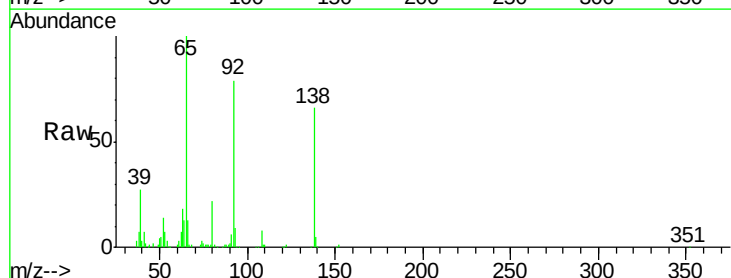
RT: 15.41 min Scan# 2063

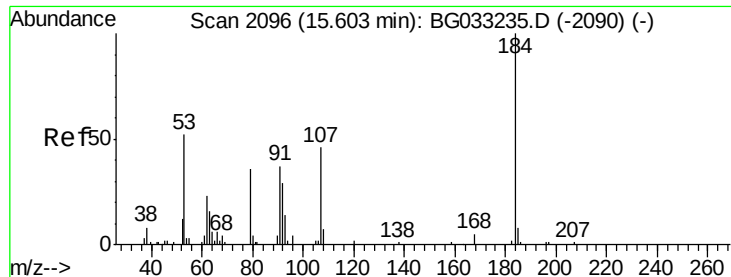
Delta R.T. 0.00 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.8	17.5	26.3#
92	119.2	105.8	158.8





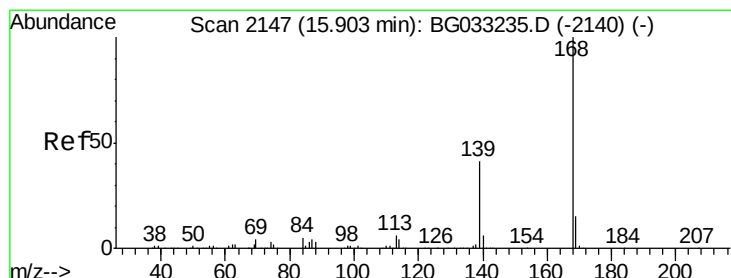
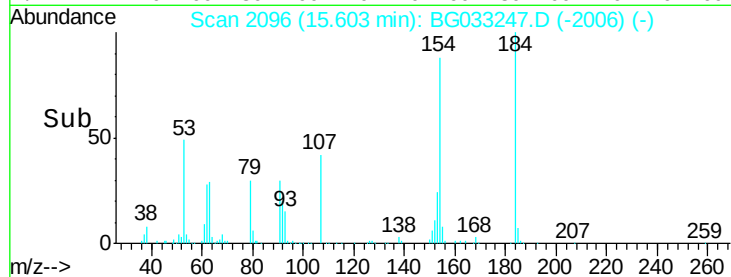
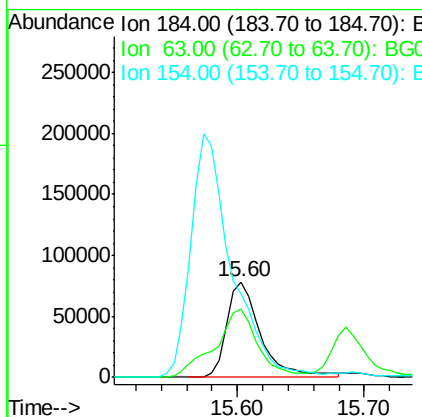
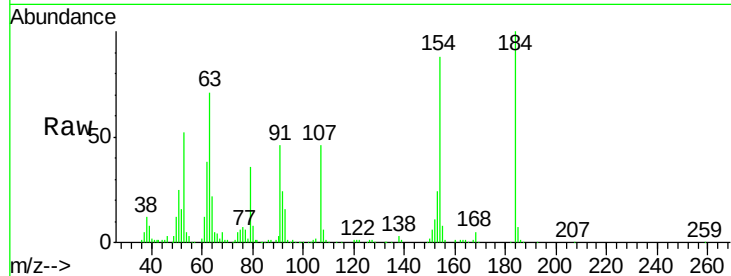
#53
2,4-Dinitrophenol
Concen: 114.237 ng
RT: 15.60 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Instrument :
BNA_G
ClientSampleId :
PB107449BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	71.2	59.8	89.8
154	87.5	101.8	152.8#

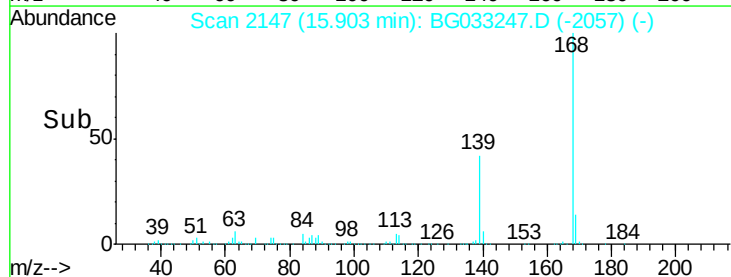
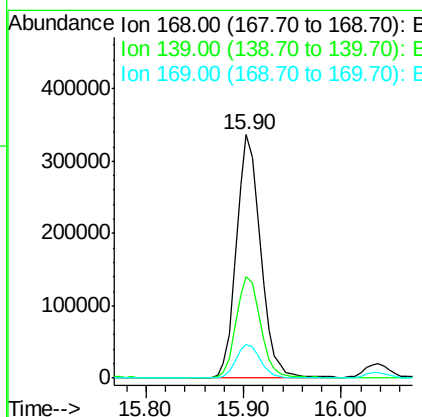
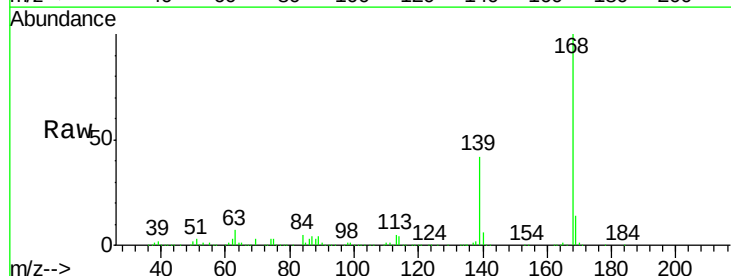
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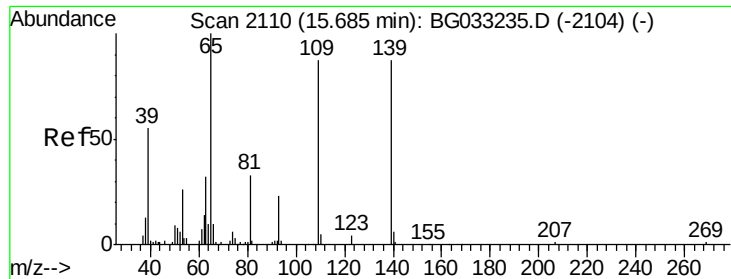
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#54
Dibenzofuran
Concen: 46.513 ng
RT: 15.90 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.6	28.6	43.0
169	13.8	11.2	16.8





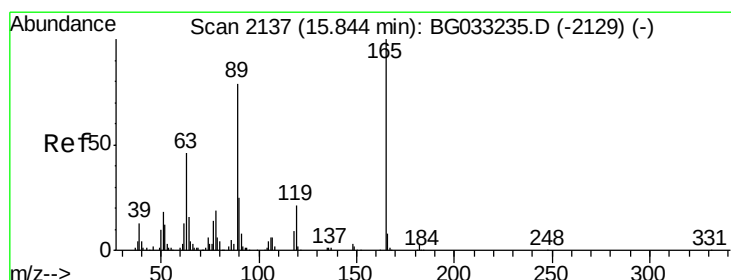
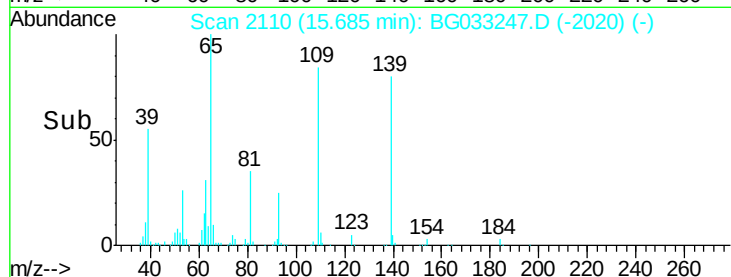
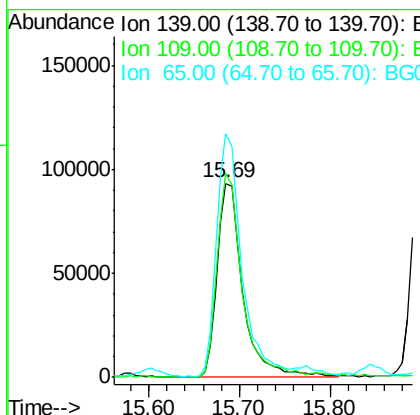
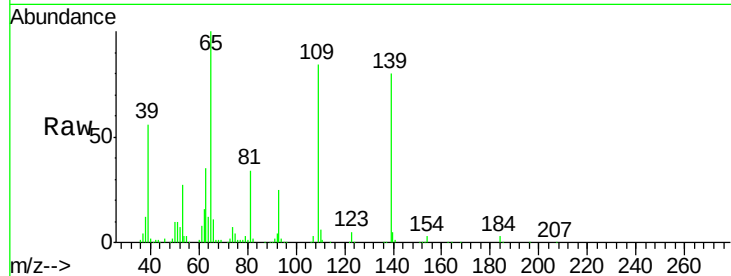
#55
4-Nitrophenol
Concen: 105.403 ng
RT: 15.69 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Instrument :
BNA_G
ClientSampleId :
PB107449BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	105.2	62.2	102.2#	
65	125.6	97.2	137.2	

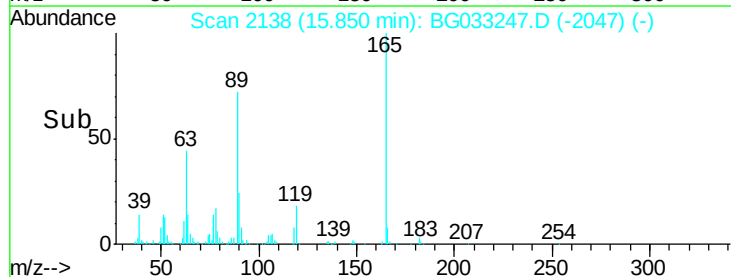
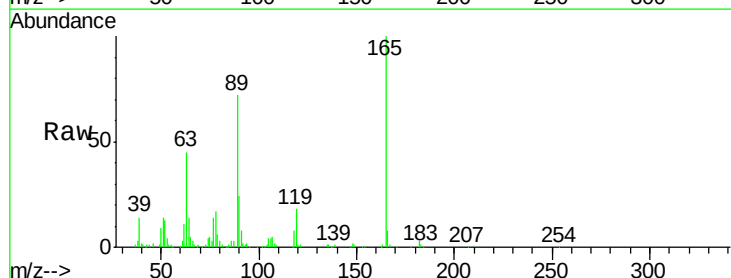
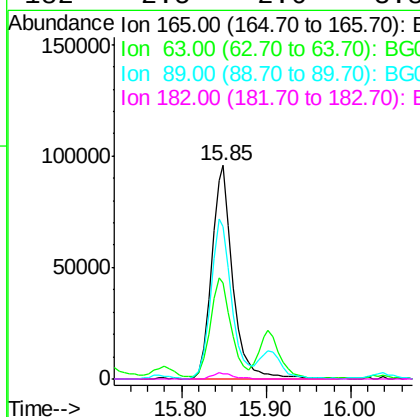
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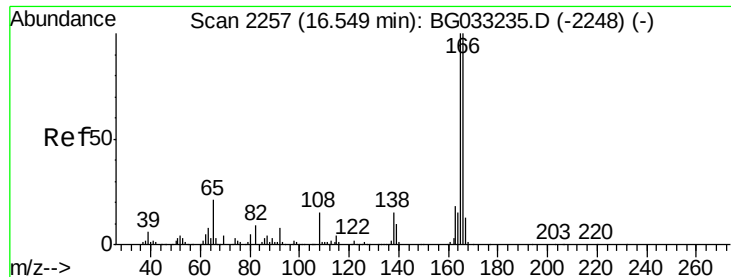
Sohil
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#56
2,4-Dinitrotoluene
Concen: 48.369 ng
RT: 15.85 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.7	42.0	63.0	
89	71.5	66.9	100.3	
182	2.5	2.6	3.8#	





#57

Fluorene

Concen: 45.270 ng

RT: 16.54 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Instrument :

BNA_G

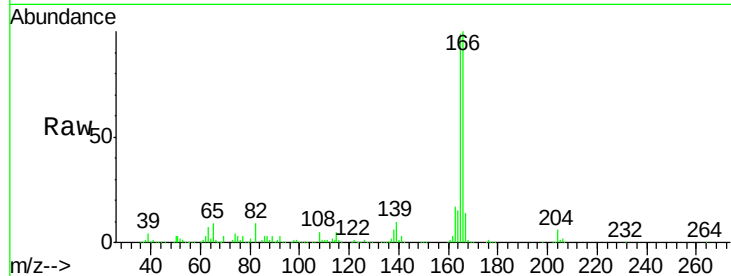
ClientSampleId :

PB107449BS

Tot Ion:	166	Resp:	482988
Ion Ratio	Lower	Upper	
166	100		
165	99.0	80.6	121.0
167	13.9	10.4	15.6

Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

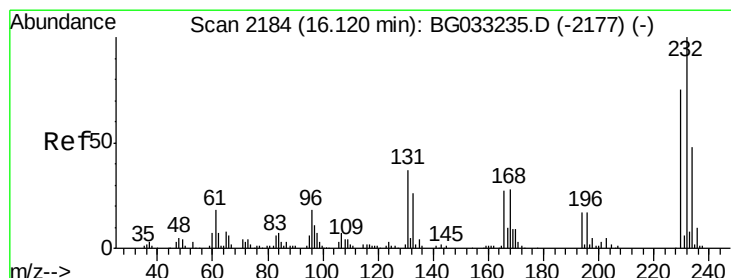
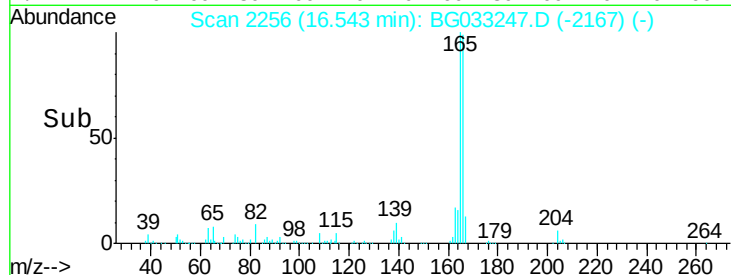
300000

16.54

200000

100000

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.482 ng

RT: 16.11 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Tgt Ion:	232	Resp:	166587
Ion Ratio	Lower	Upper	
232	100		
131	37.7	33.5	50.3
130	2.6	2.2	3.2
166	25.9	24.8	37.2

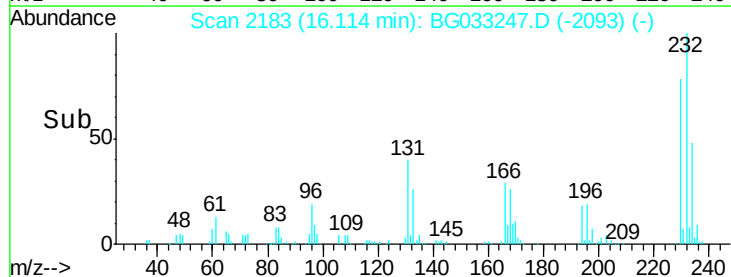
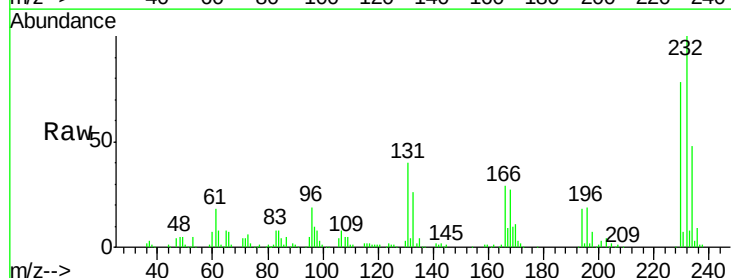
Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

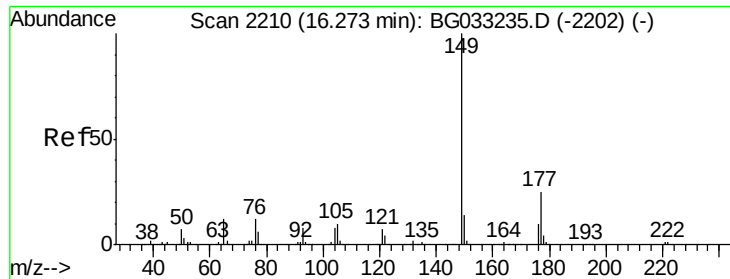
100000

16.11

50000

Time-->





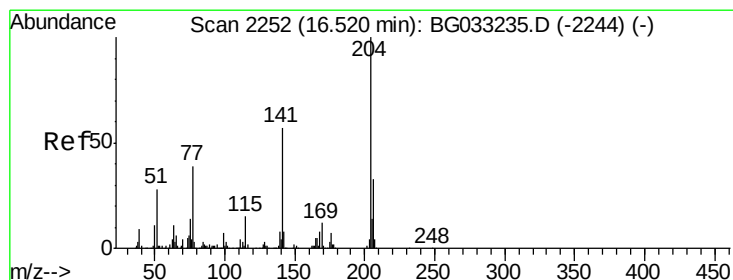
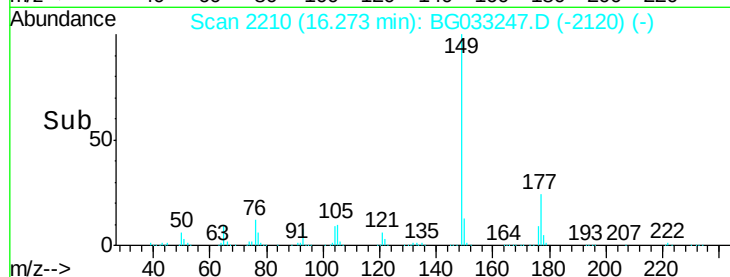
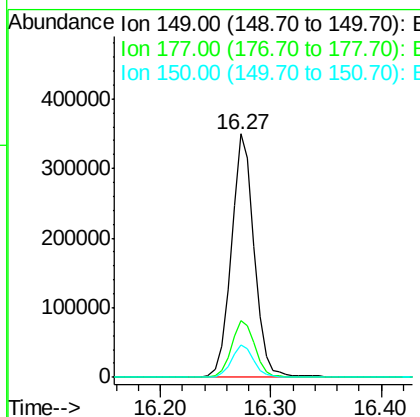
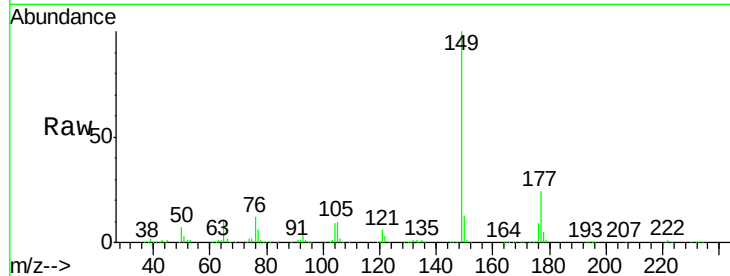
#59
Diethylphthalate
Concen: 45.140 ng
RT: 16.27 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Instrument :
BNA_G
ClientSampleId :
PB107449BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.5	27.7
150	13.3	10.2	15.2

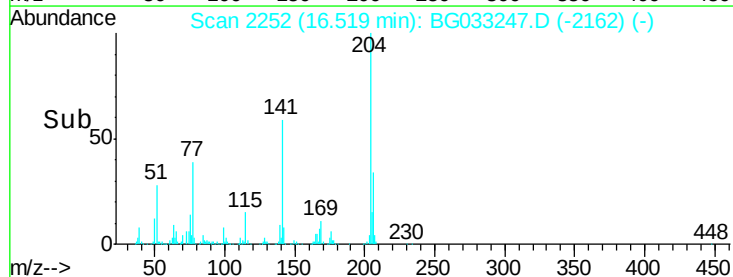
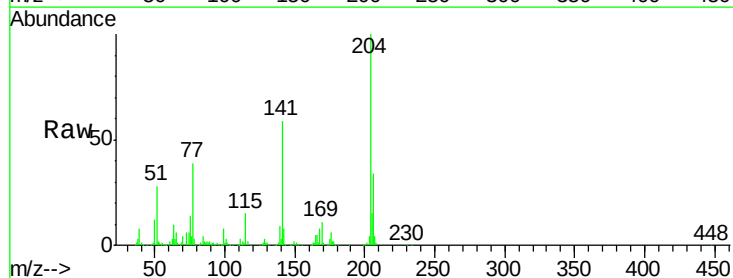
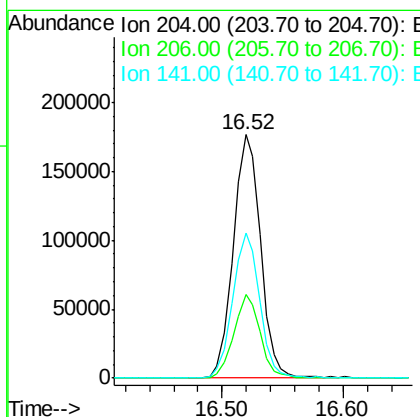
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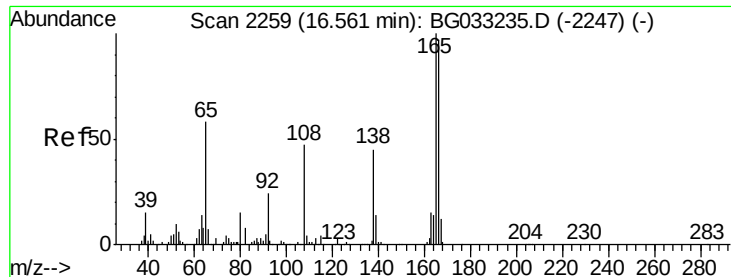
Sohil
3/20/2018 6:29:37 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.365 ng
RT: 16.52 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.2	39.2
141	59.4	45.8	68.6





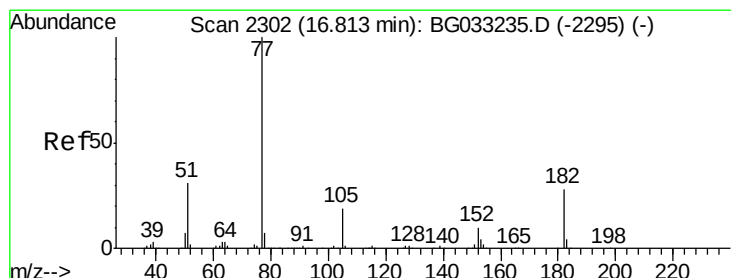
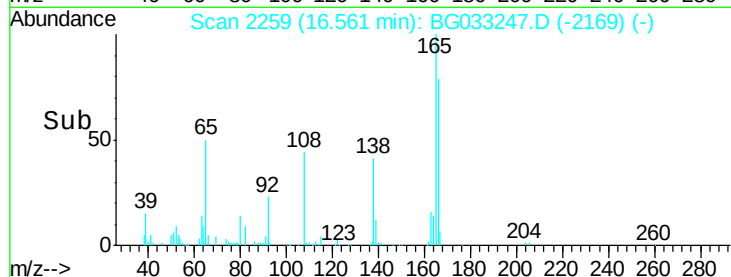
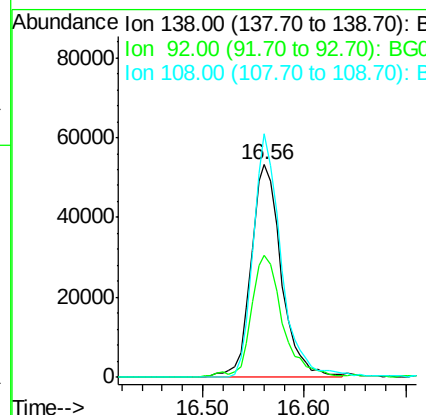
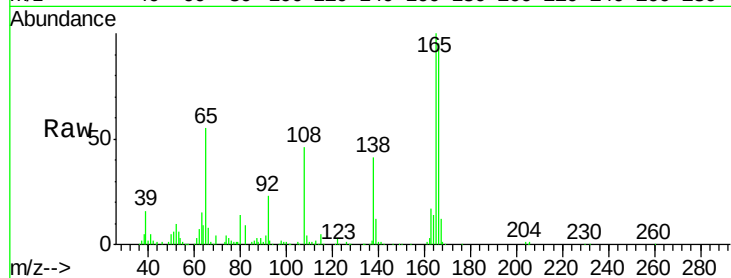
#61
4-Nitroaniline
Concen: 44.075 ng
RT: 16.56 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Instrument :
BNA_G
ClientSampleId :
PB107449BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	57.2	40.1	80.1	
108	114.6	65.4	105.4	

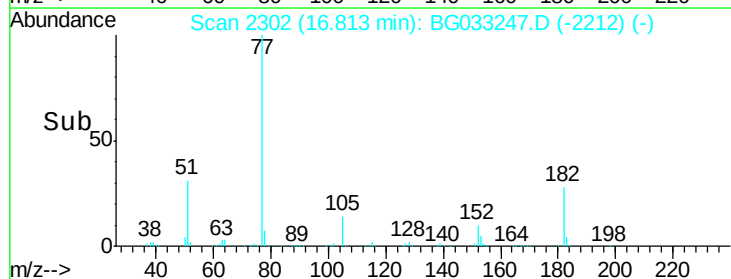
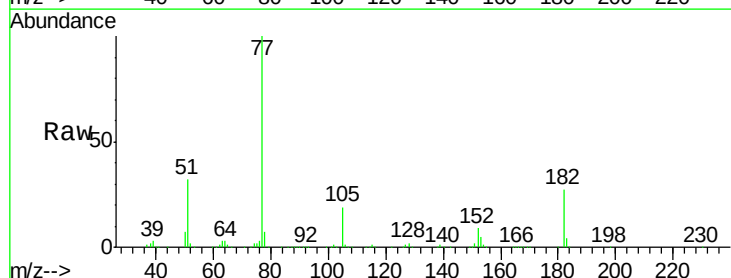
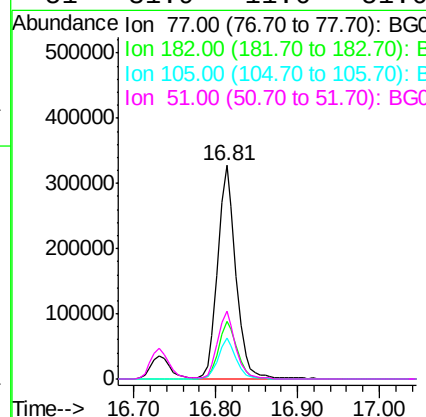
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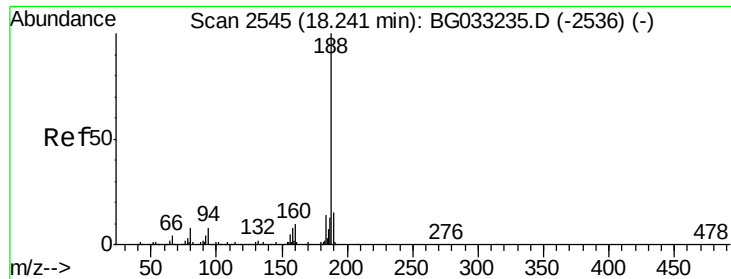
Sohil
3/20/2018 6:29:37 PM



#62
Azobenzene
Concen: 46.722 ng
RT: 16.81 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	27.0	7.4	47.4	
105	19.3	0.3	40.3	
51	31.9	11.6	51.6	





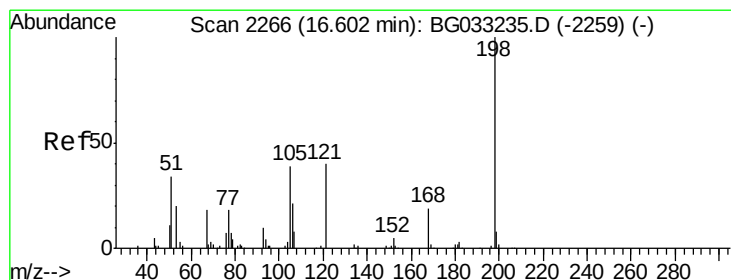
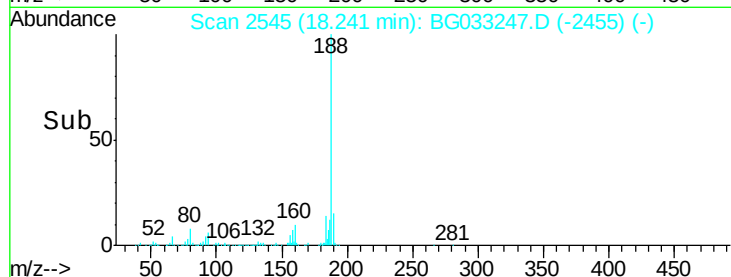
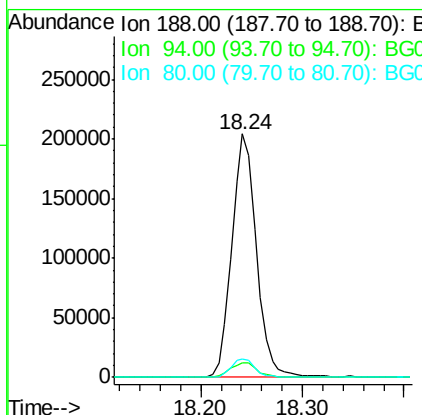
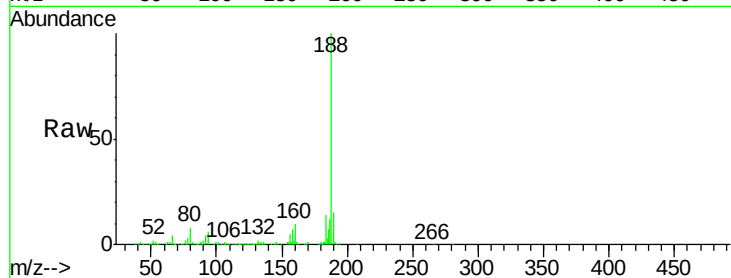
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Instrument :
BNA_G
ClientSampled :
PB107449BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	7.6	7.7	11.5#

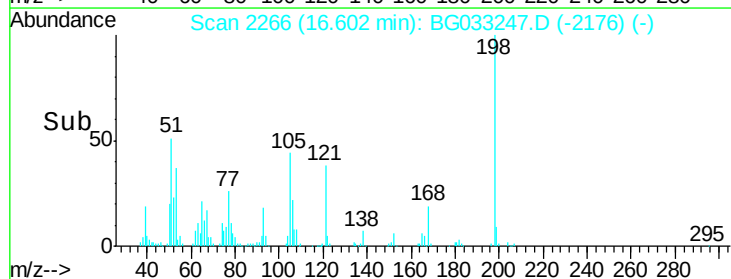
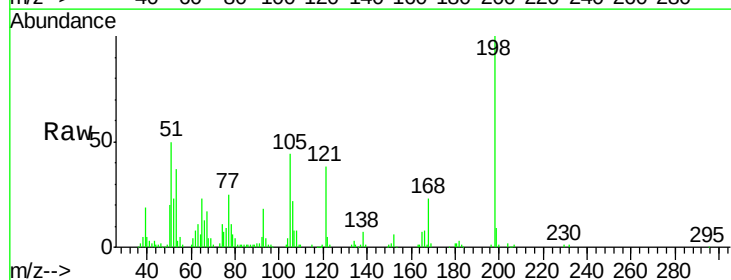
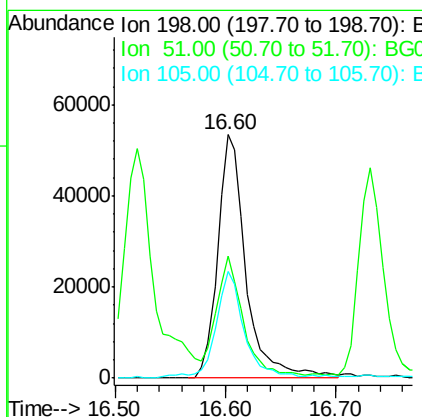
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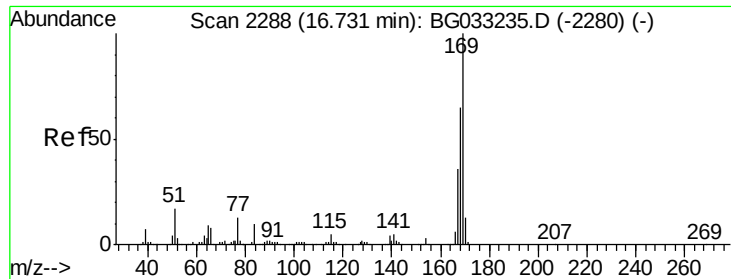
Sohil
3/20/2018 6:29:37 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 46.037 ng
RT: 16.60 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	50.3	30.6	70.6
105	44.0	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 45.602 ng

RT: 16.73 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Instrument :

BNA_G

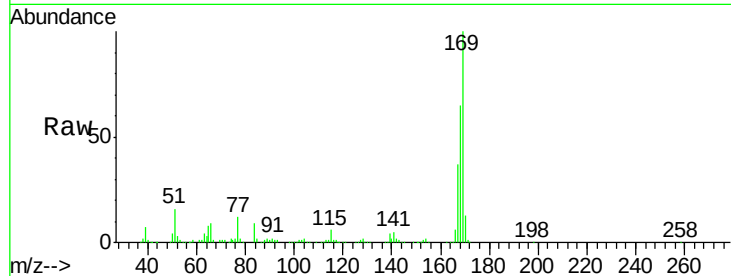
ClientSampleId :

PB107449BS

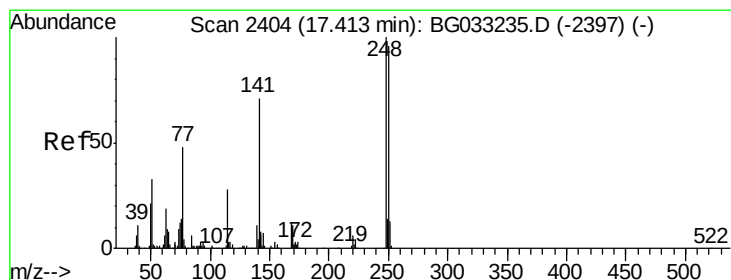
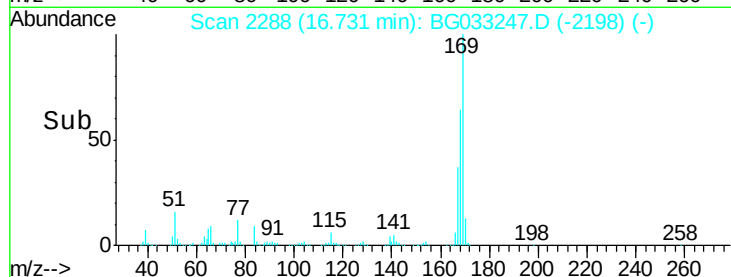
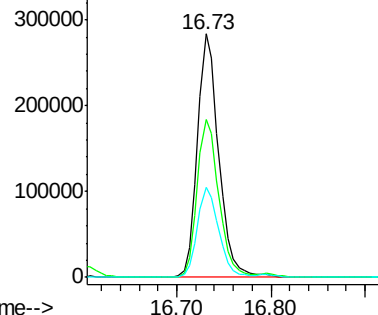
Tot Ion:	169	Resp:	448275
Ion Ratio	Lower	Upper	
169	100		
168	64.6	55.7	83.5
167	36.8	30.1	45.1

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.393 ng

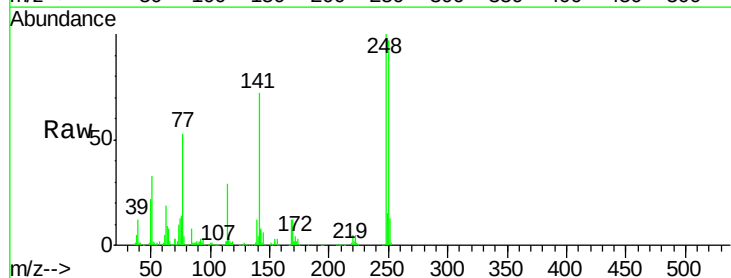
RT: 17.41 min Scan# 2404

Delta R.T. 0.00 min

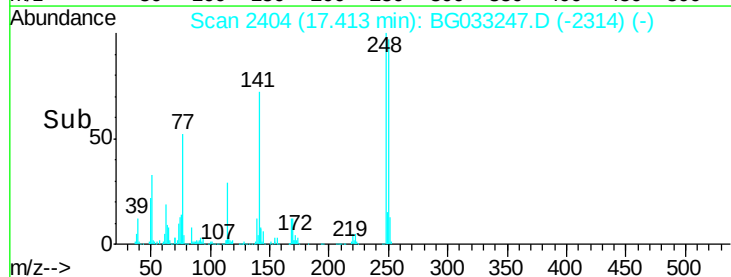
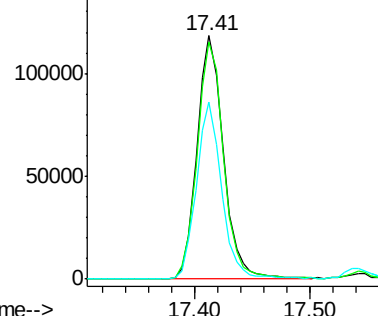
Lab File: BG033247.D

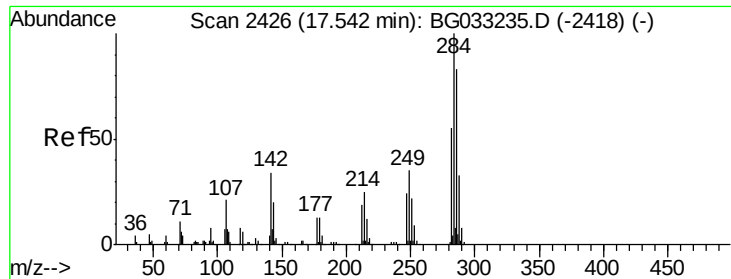
Acq: 19 Mar 2018 19:42

Tgt Ion:	248	Resp:	187609
Ion Ratio	Lower	Upper	
248	100		
250	97.2	77.1	115.7
141	72.5	50.8	76.2



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.195 ng

RT: 17.54 min Scan# 2426

Delta R.T. 0.00 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Instrument :

BNA_G

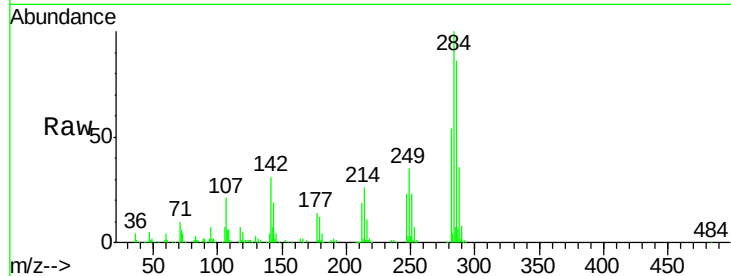
ClientSampleId :

PB107449BS

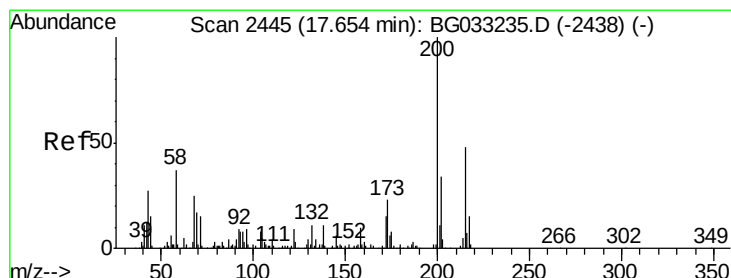
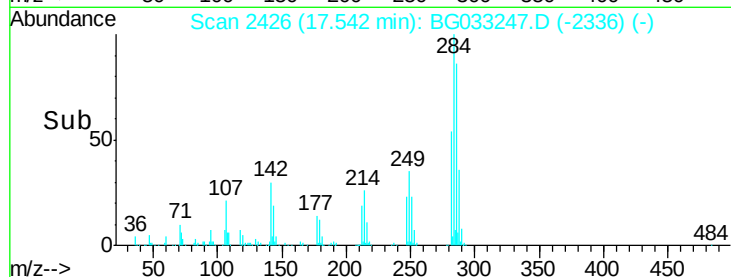
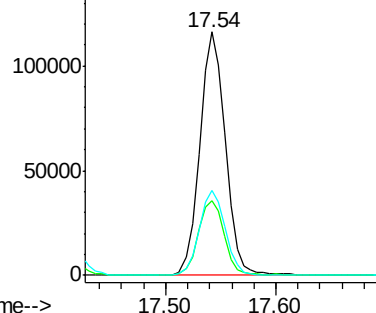
Tot Ion:	284	Resp:	188614
Ion Ratio	Lower	Upper	
284	100		
142	30.8	26.8	40.2
249	35.1	26.3	39.5

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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: 45.736 ng

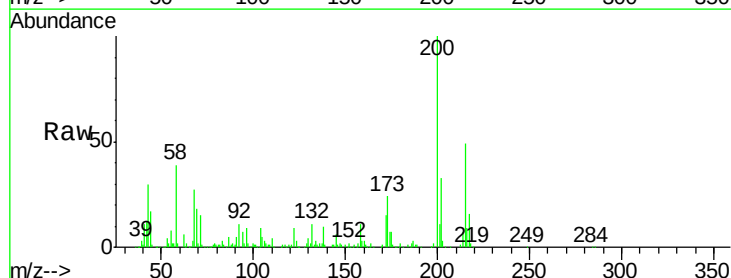
RT: 17.65 min Scan# 2445

Delta R.T. 0.00 min

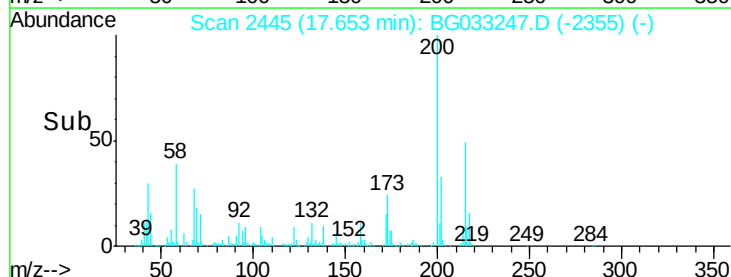
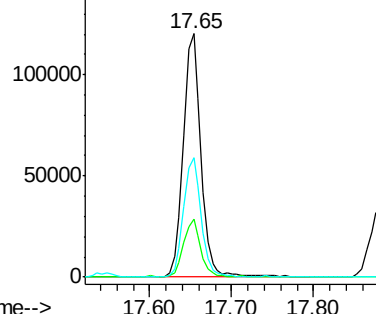
Lab File: BG033247.D

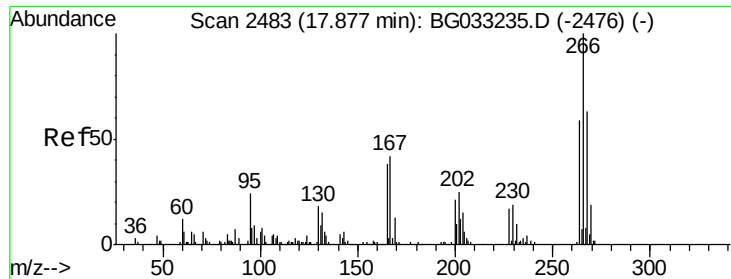
Acq: 19 Mar 2018 19:42

Tgt Ion:	200	Resp:	182187
Ion Ratio	Lower	Upper	
200	100		
173	23.9	5.2	45.2
215	49.3	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





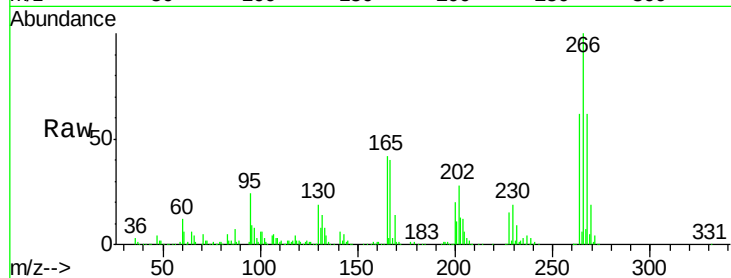
#69
 Pentachlorophenol
 Concen: 89.493 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BG033247.D
 Acq: 19 Mar 2018 19:42

Instrument :
 BNA_G
 ClientSampleId :
 PB107449BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	262144		
268	61.6	51.1	76.7	
264	62.4	49.6	74.4	

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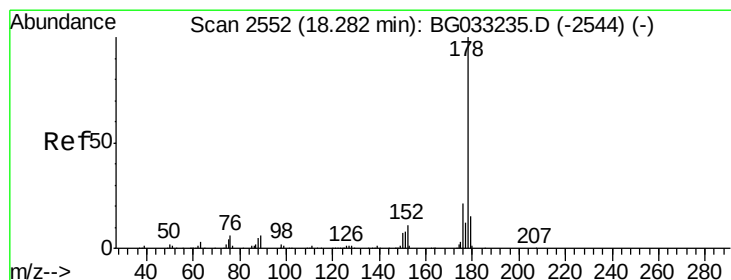
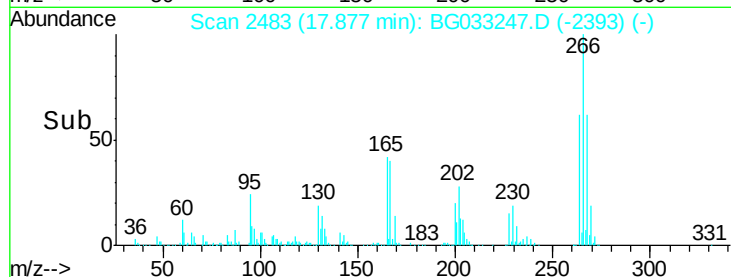
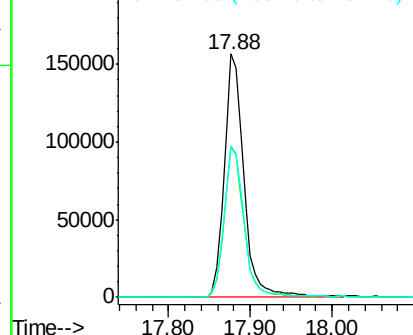


Abundance

Ion 265.70 (265.40 to 266.40): E

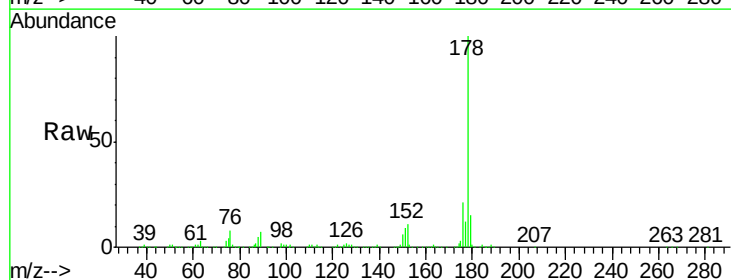
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 45.225 ng
 RT: 18.28 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: BG033247.D
 Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	811023		
176	20.7	15.7	23.5	
179	15.2	12.5	18.7	

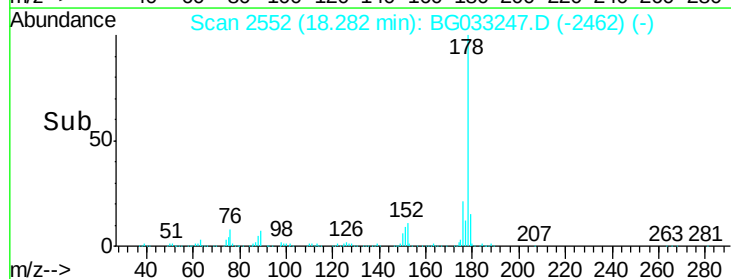
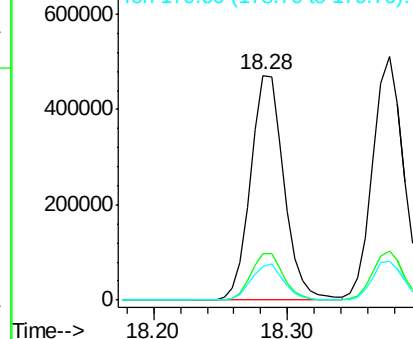


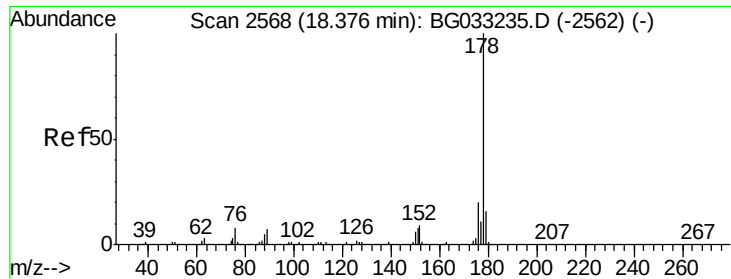
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





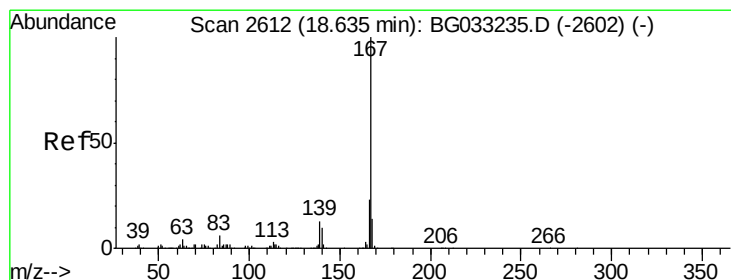
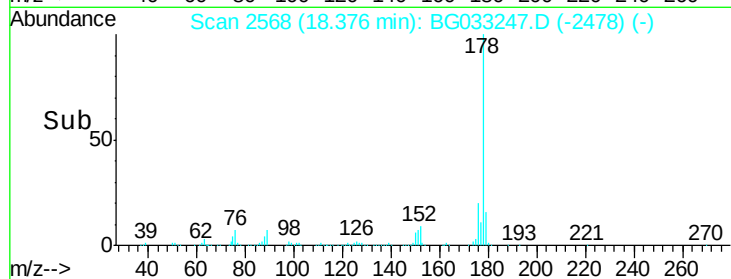
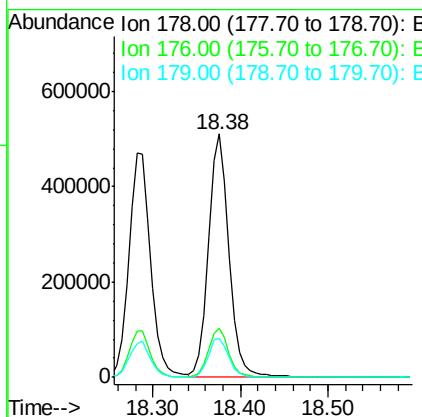
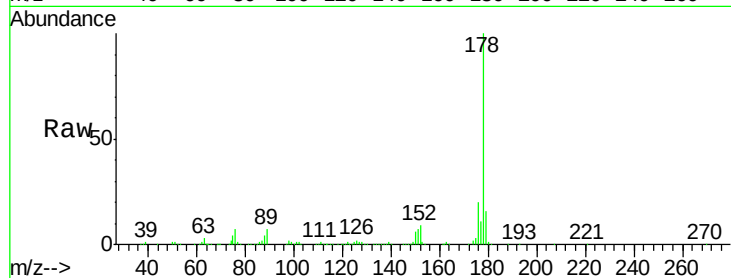
#71
 Anthracene
 Concen: 45.880 ng
 RT: 18.38 min Scan# 2568
 Delta R.T. 0.00 min
 Lab File: BG033247.D
 Acq: 19 Mar 2018 19:42

Instrument :
 BNA_G
 ClientSampleId :
 PB107449BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.0	24.0
179	15.7	12.5	18.7

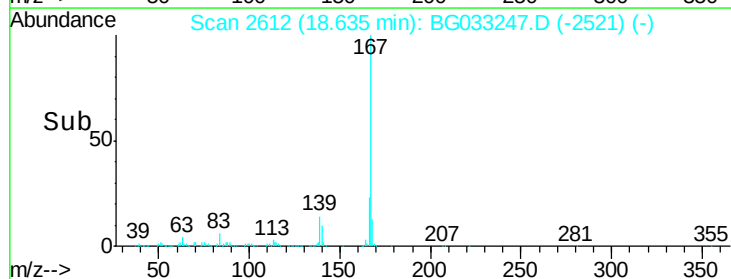
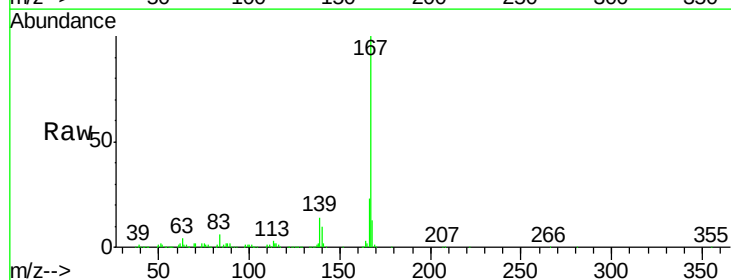
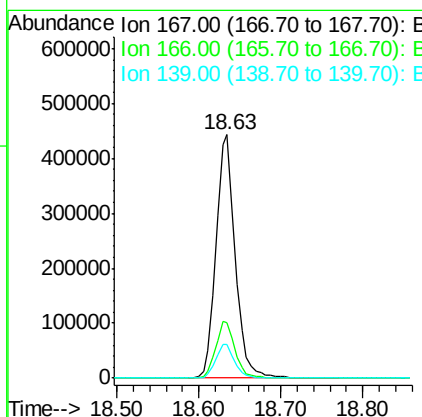
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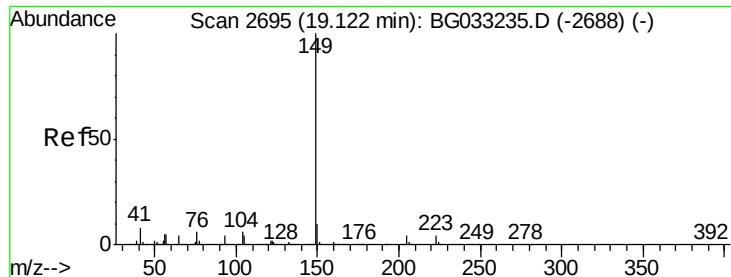
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#72
 Carbazole
 Concen: 45.024 ng
 RT: 18.63 min Scan# 2612
 Delta R.T. 0.01 min
 Lab File: BG033247.D
 Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	13.6	9.4	14.2





#73

Di-n-butylphthalate

Concen: 44.713 ng

RT: 19.12 min Scan# 2695

Delta R.T. 0.00 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Instrument :

BNA_G

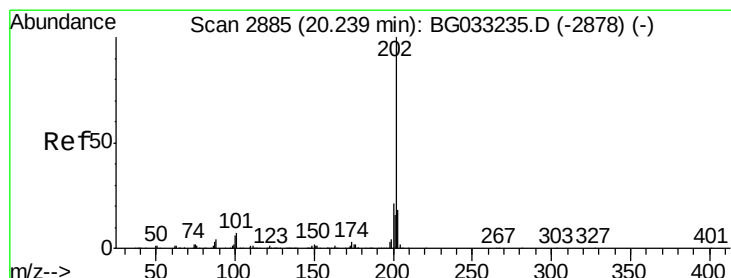
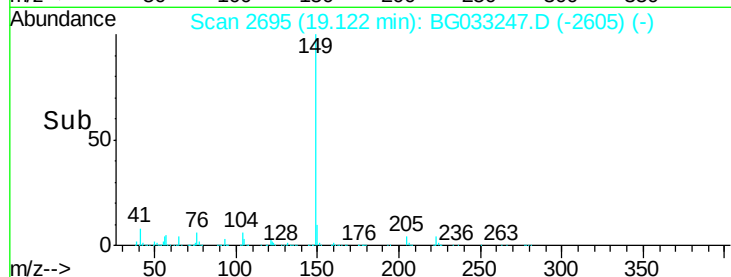
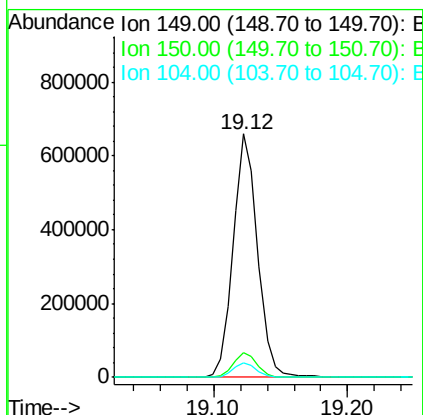
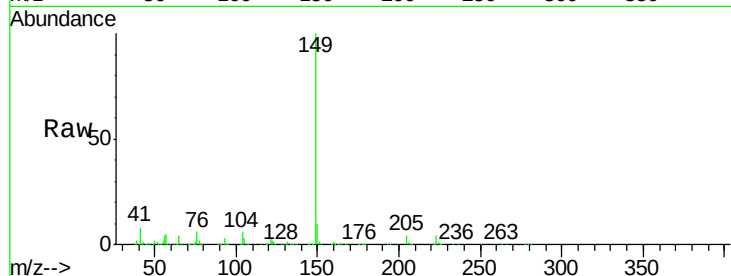
ClientSampleId :

PB107449BS

Tot Ion:	149	Resp:	837393
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.8	11.6
104	5.8	3.9	5.9

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#74

Fluoranthene

Concen: 46.060 ng

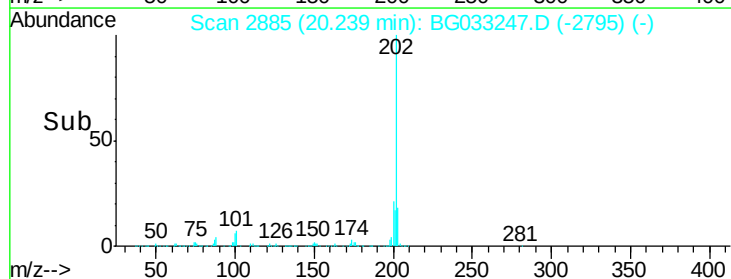
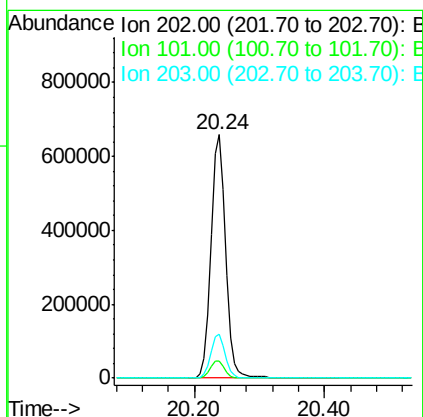
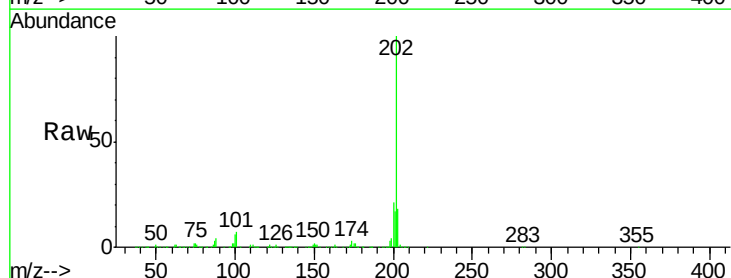
RT: 20.24 min Scan# 2885

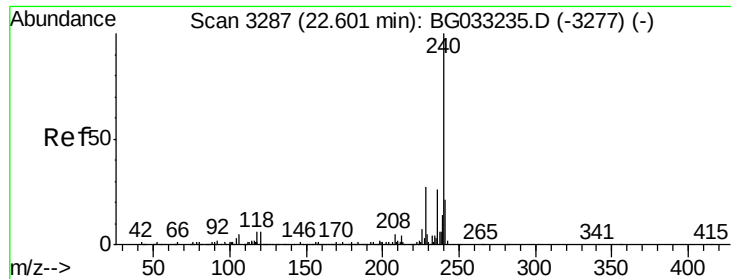
Delta R.T. 0.00 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Tgt Ion:	202	Resp:	1022155
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	28.9
203	18.0	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.59 min Scan# 3286

Delta R.T. -0.01 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Instrument :

BNA_G

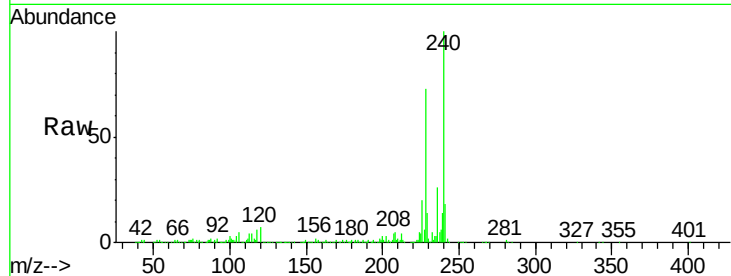
ClientSampleId :

PB107449BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.8	10.2#
236	25.7	20.9	31.3

Manual Integrations
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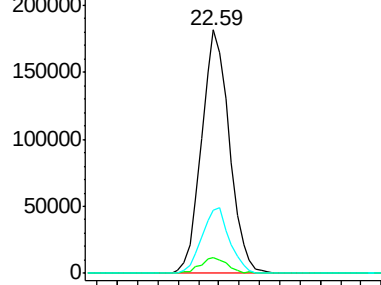
Sohil
3/20/2018 6:29:37 PM



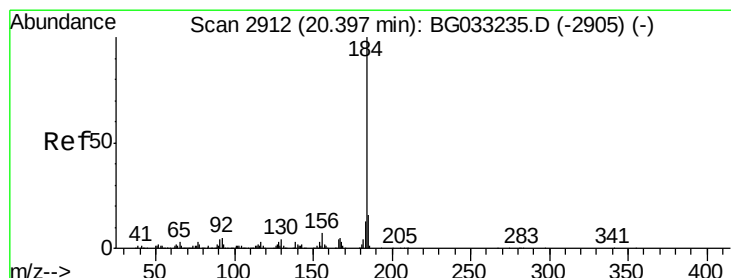
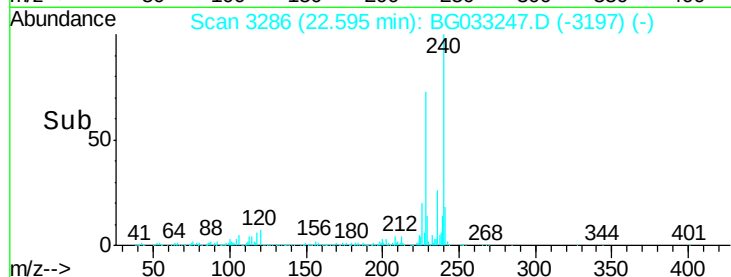
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 33.529 ng m

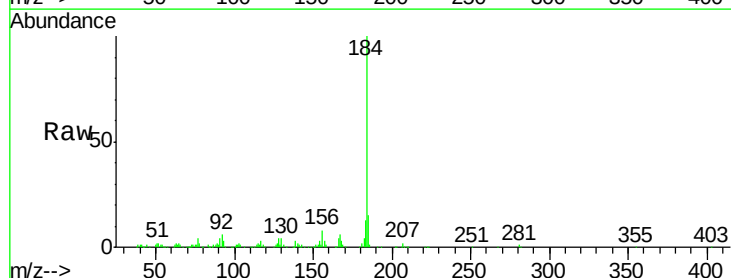
RT: 20.40 min Scan# 2912

Delta R.T. 0.00 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

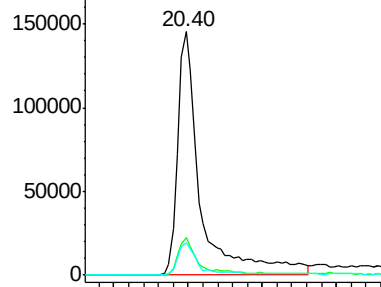
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.1	16.7
183	13.3	10.6	16.0



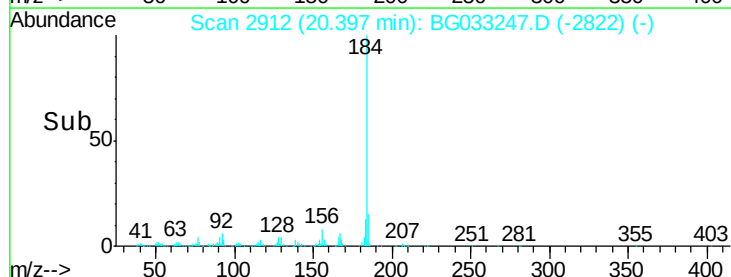
Abundance Ion 184.00 (183.70 to 184.70): E

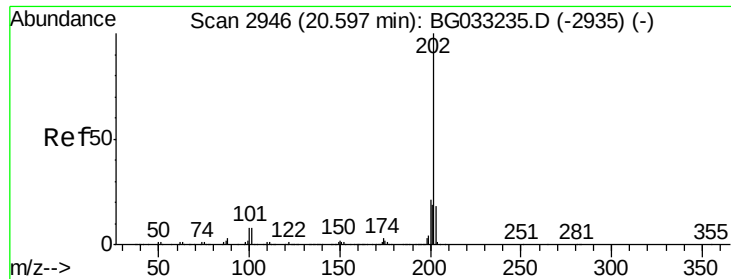
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





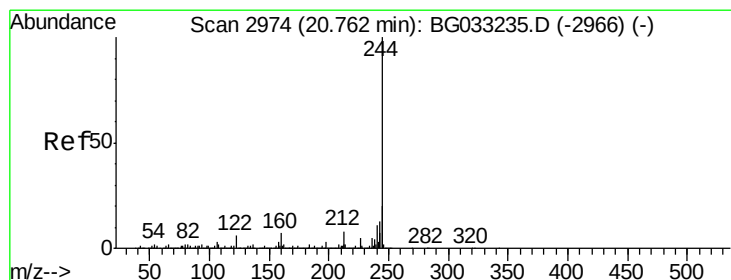
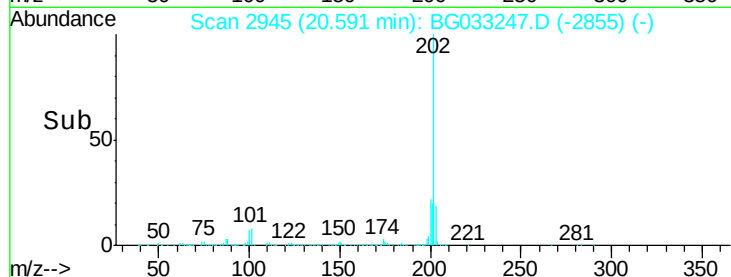
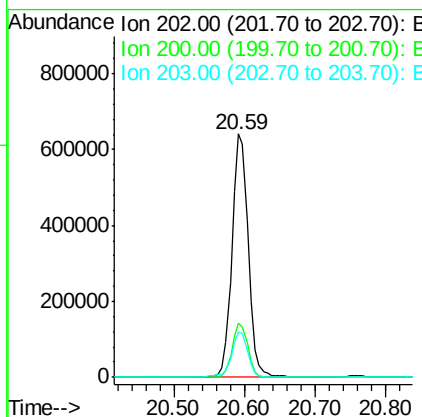
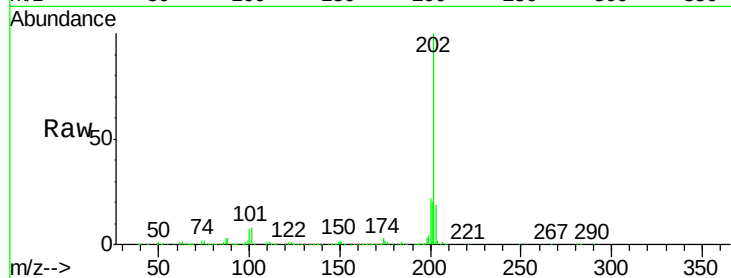
#77
Pvrene
Concen: 44.546 ng
RT: 20.59 min Scan# 2945
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Instrument :
BNA_G
ClientSampleId :
PB107449BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.9	25.3
203	18.6	13.9	20.9

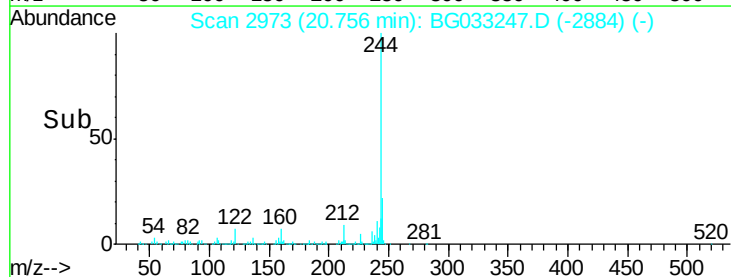
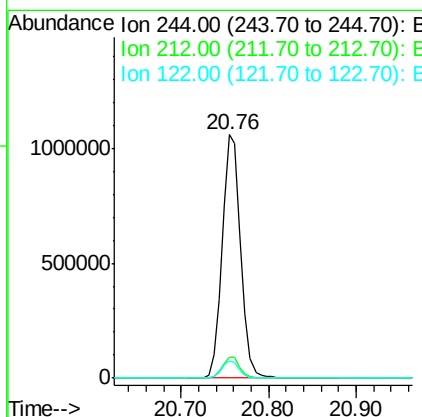
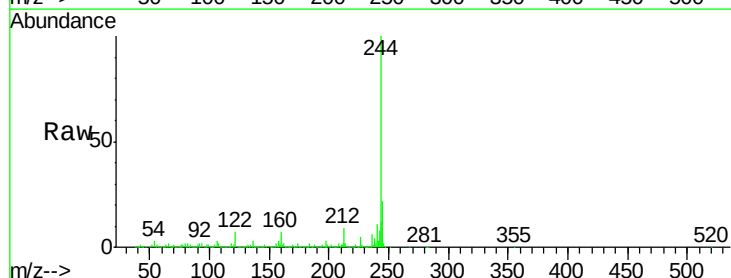
Manual Integrations
APPROVED

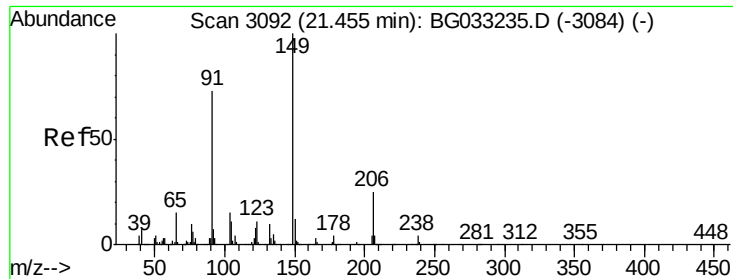
Sohil
3/20/2018 6:29:37 PM



#78
Terphenyl-d14
Concen: 94.979 ng
RT: 20.76 min Scan# 2973
Delta R.T. -0.01 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	6.9	7.0	10.4#





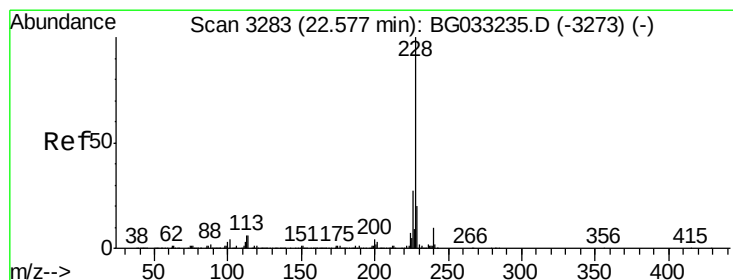
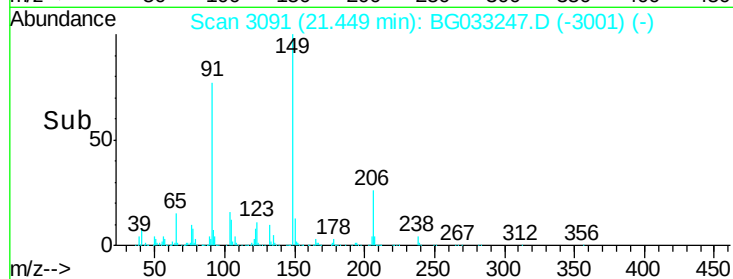
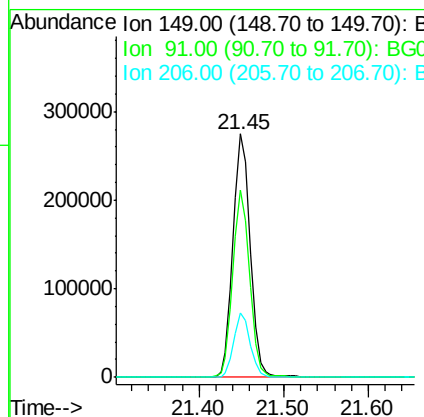
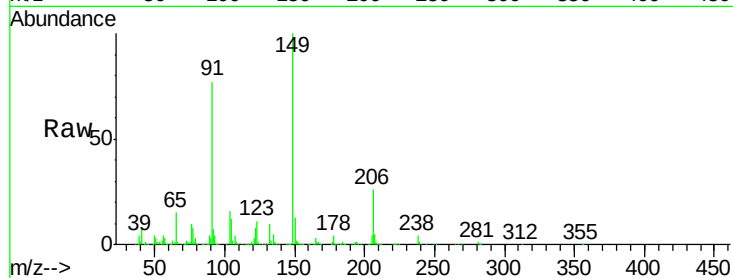
#79
Butylbenzylphthalate
Concen: 45.154 ng
RT: 21.45 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Instrument :
BNA_G
ClientSampleId :
PB107449BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.9	62.2	93.2
206	26.3	18.6	27.8

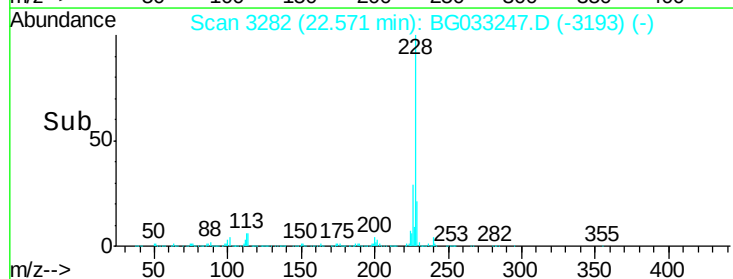
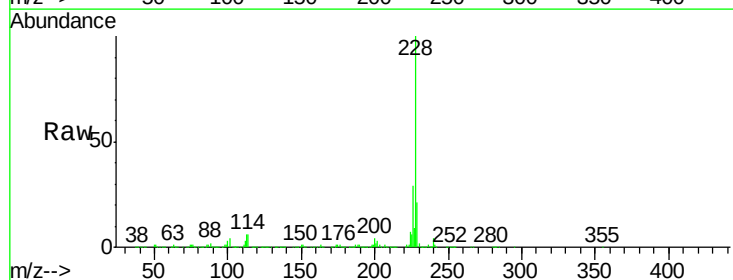
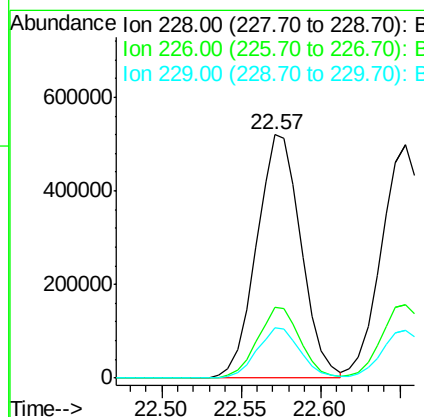
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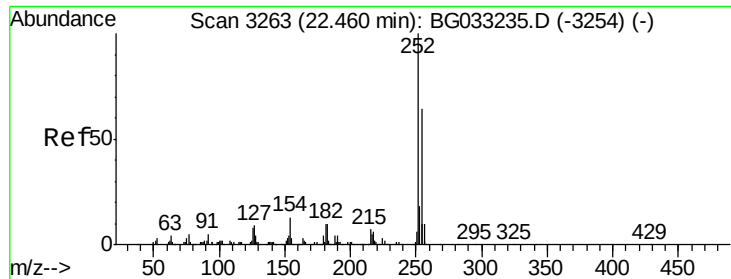
Sohil
3/20/2018 6:29:37 PM



#80
Benzo(a)anthracene
Concen: 45.870 ng
RT: 22.57 min Scan# 3282
Delta R.T. -0.01 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.7	34.1
229	20.6	16.2	24.2





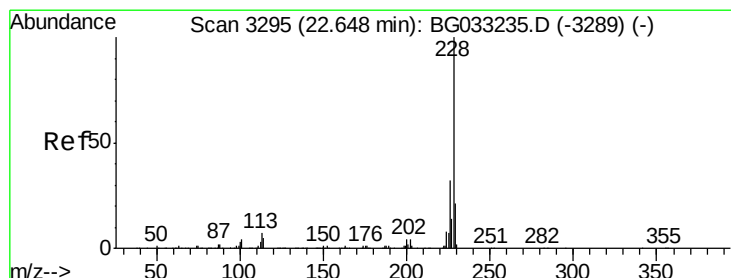
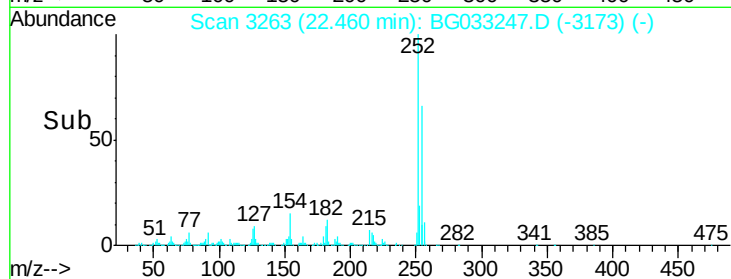
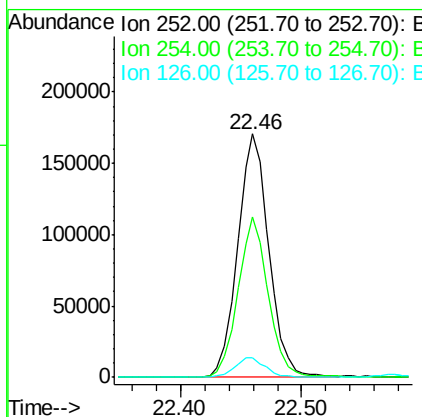
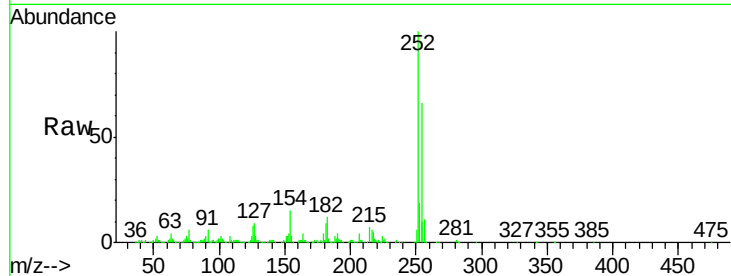
#81
 3,3'-Dichlorobenzidine
 Concen: 39.038 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: BG033247.D
 Acq: 19 Mar 2018 19:42

Instrument :
 BNA_G
 ClientSampleId :
 PB107449BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	50.8	76.2
126	8.3	7.4	11.2

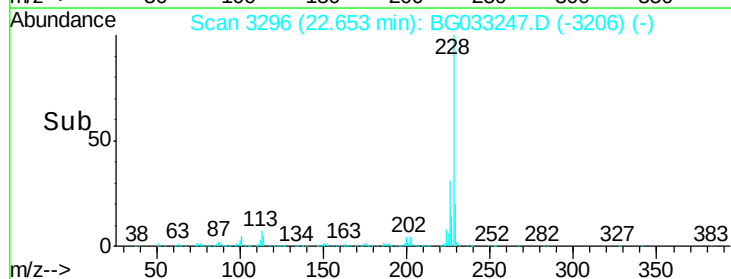
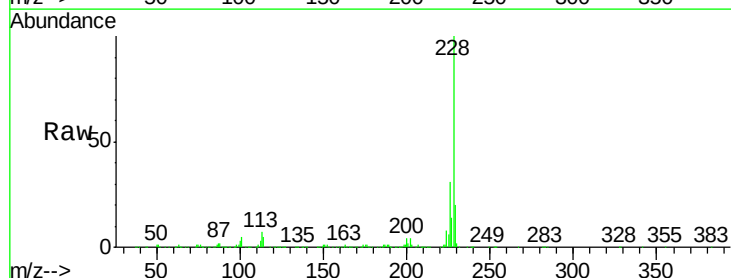
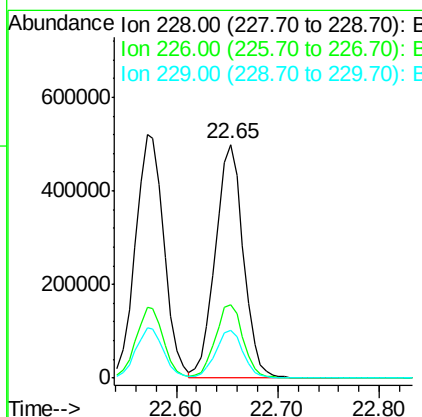
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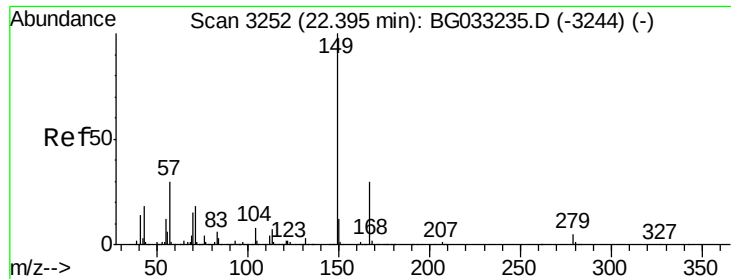
Sohil
 3/20/2018 6:29:37 PM



#82
 Chrysene
 Concen: 44.820 ng
 RT: 22.65 min Scan# 3296
 Delta R.T. 0.00 min
 Lab File: BG033247.D
 Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.4	15.0	22.4





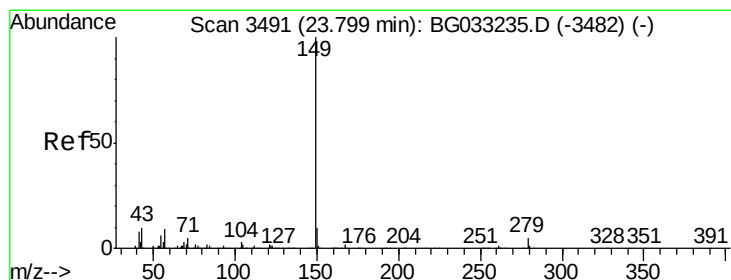
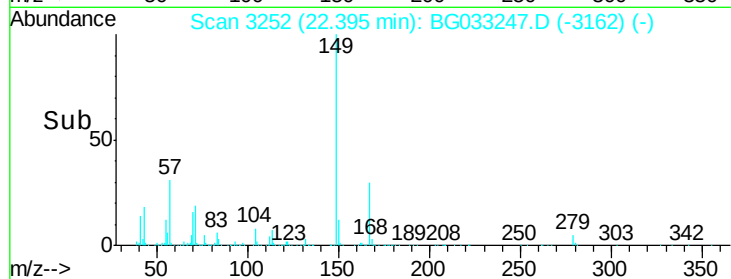
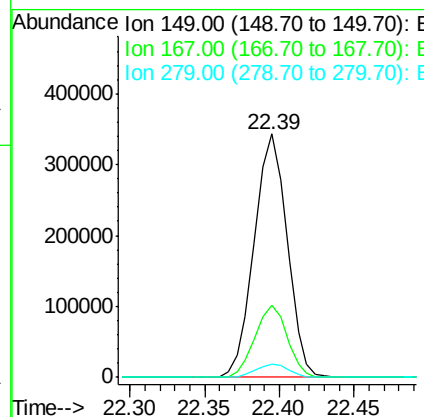
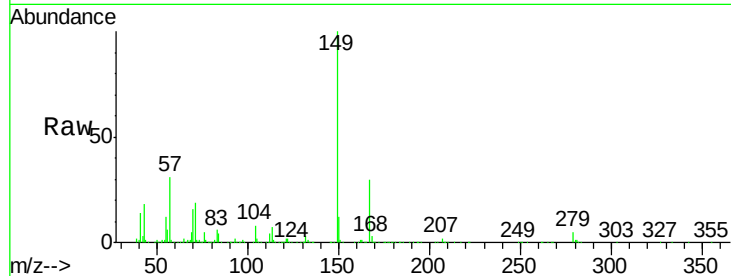
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.731 ng
 RT: 22.39 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BG033247.D
 Acq: 19 Mar 2018 19:42

Instrument :
 BNA_G
 ClientSampleId :
 PB107449BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	29.5	24.3	36.5	
279	5.3	4.0	6.0	

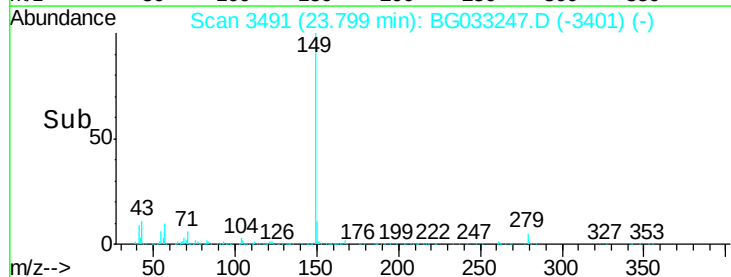
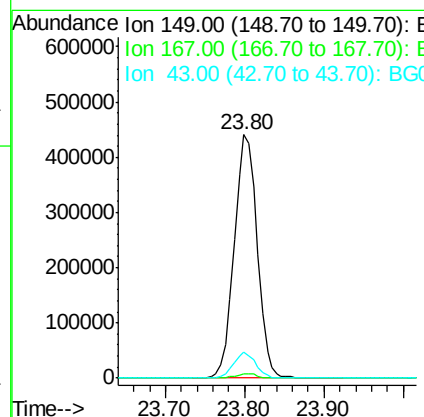
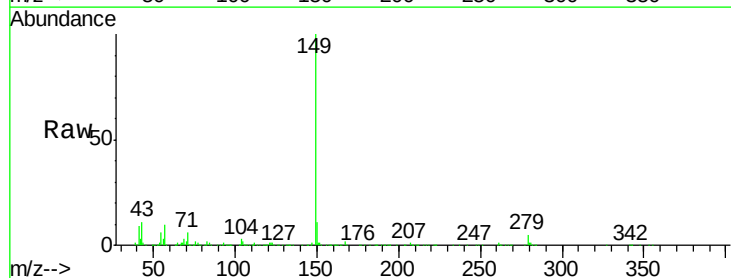
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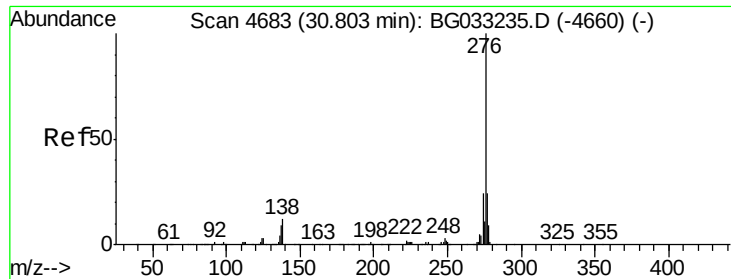
Sohil
 3/20/2018 6:29:37 PM



#84
 Di-n-octyl phthalate
 Concen: 49.046 ng
 RT: 23.80 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: BG033247.D
 Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.4	2.0	
43	10.5	8.9	13.3	





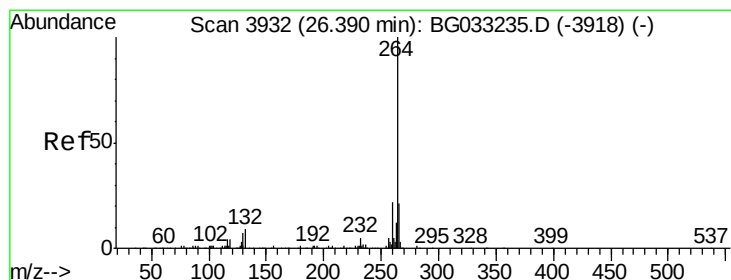
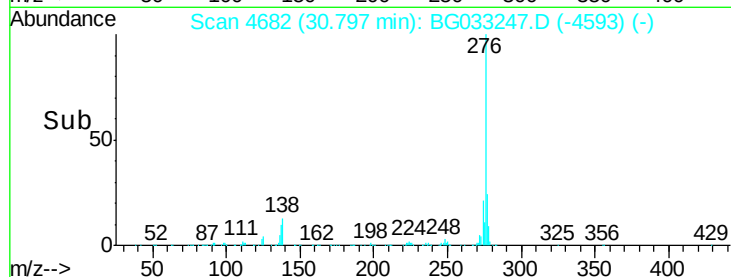
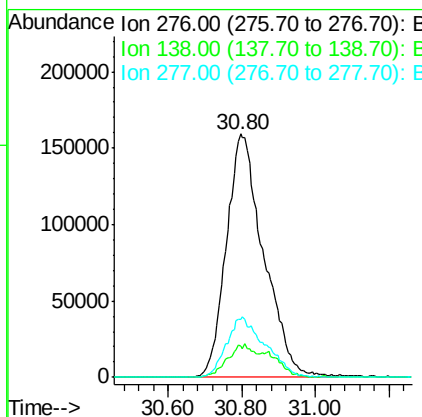
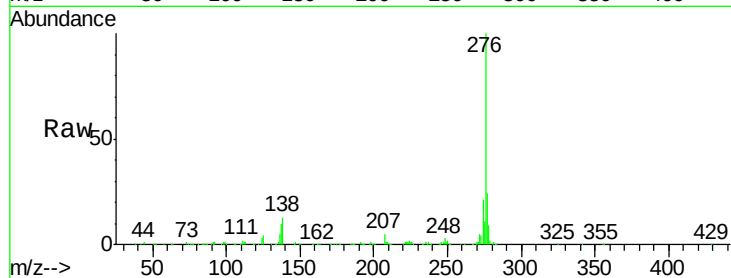
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.614 ng
RT: 30.80 min Scan# 4682
Delta R.T. -0.01 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Instrument :
BNA_G
ClientSampleId :
PB107449BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.8	16.0	24.0#
277	25.6	20.0	30.0

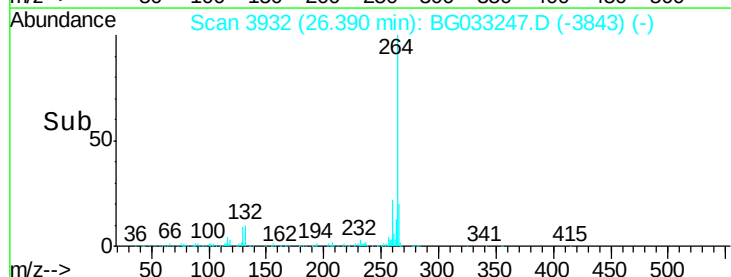
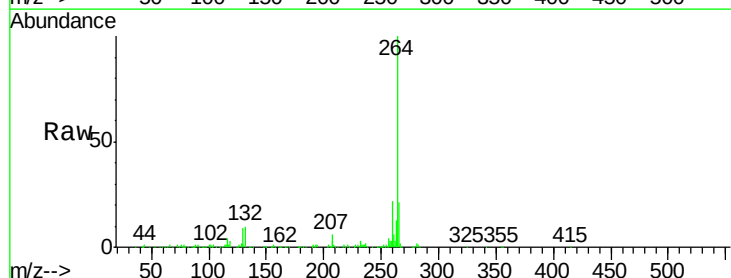
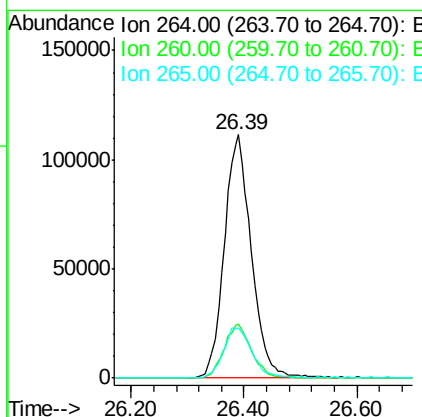
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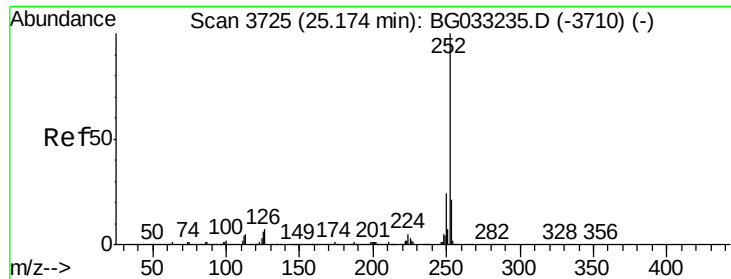
Sohil
3/20/2018 6:29:37 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.39 min Scan# 3932
Delta R.T. -0.01 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	20.5	17.7	26.5





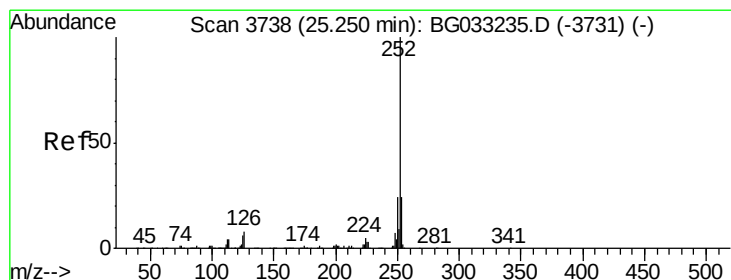
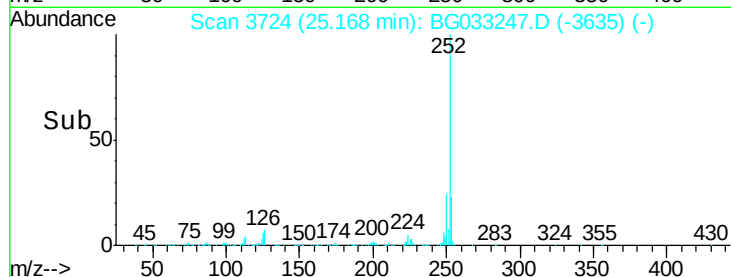
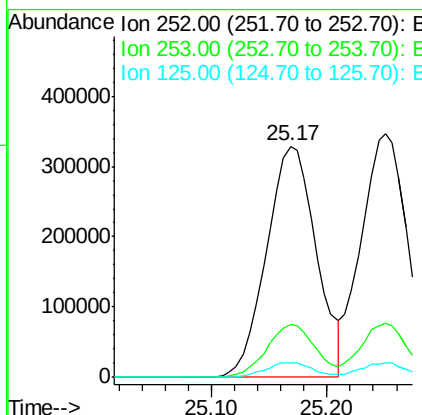
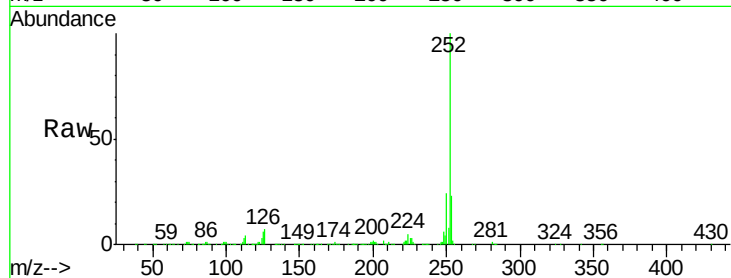
#87
Benzo(b)fluoranthene
Concen: 45.927 ng
RT: 25.17 min Scan# 3724
Delta R.T. -0.01 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Instrument :
BNA_G
ClientSampleId :
PB107449BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	6.1	7.2	10.8

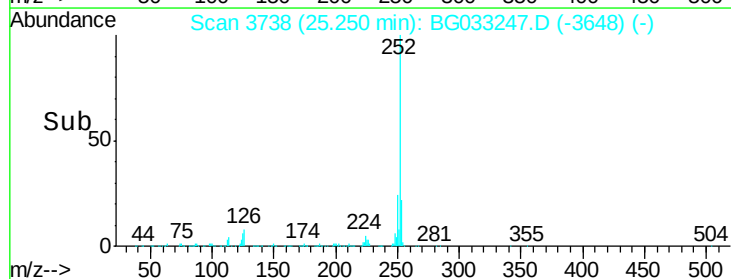
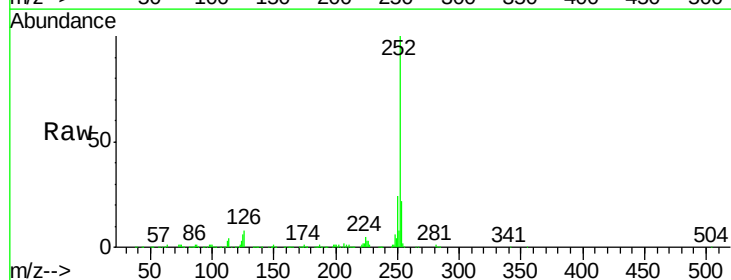
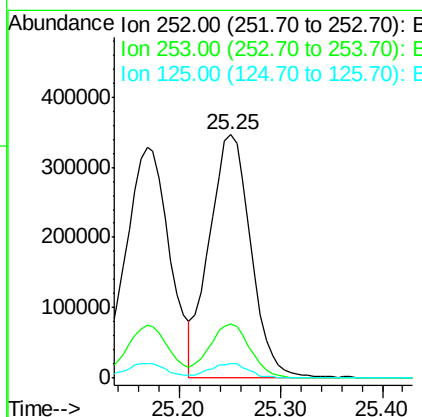
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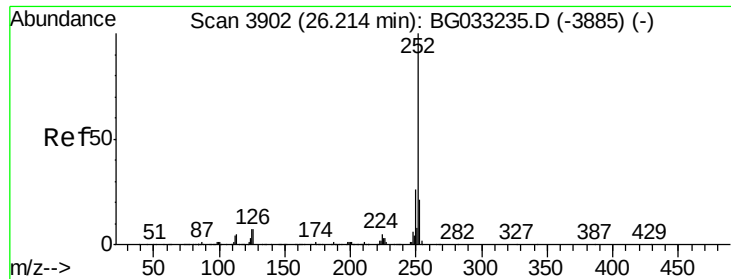
Sohil
3/20/2018 6:29:37 PM



#88
Benzo(k)fluoranthene
Concen: 45.026 ng
RT: 25.25 min Scan# 3738
Delta R.T. 0.00 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	6.2	6.6	9.8





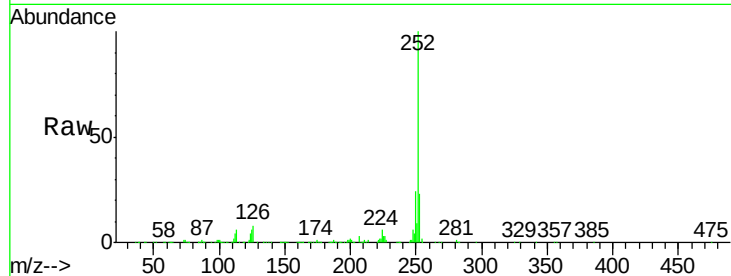
#89
Benzo(a)pyrene
Concen: 47.289 ng
RT: 26.21 min Scan# 3902
Delta R.T. 0.01 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Instrument :
BNA_G
ClientSampleId :
PB107449BS

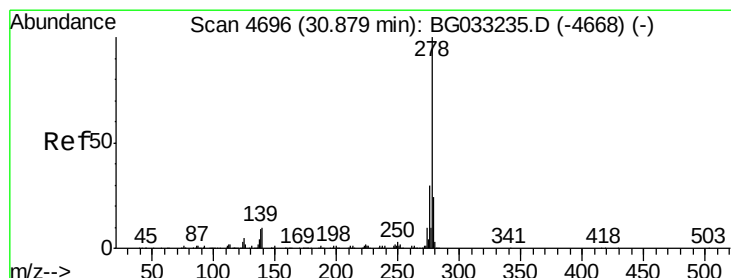
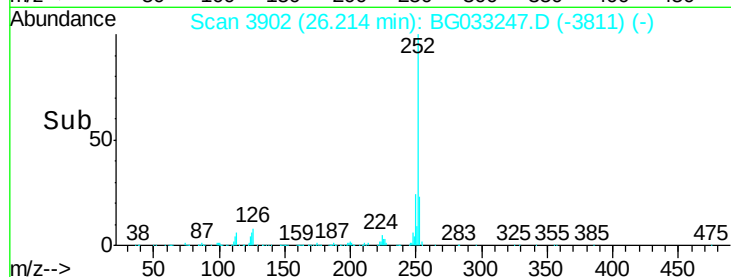
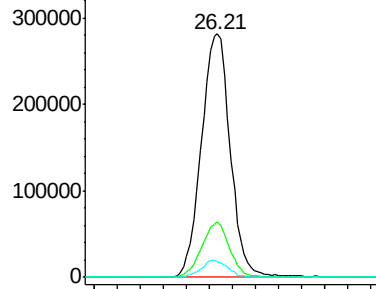
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	6.4	7.3	10.9

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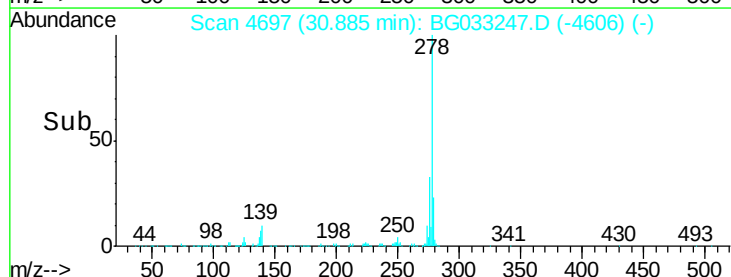
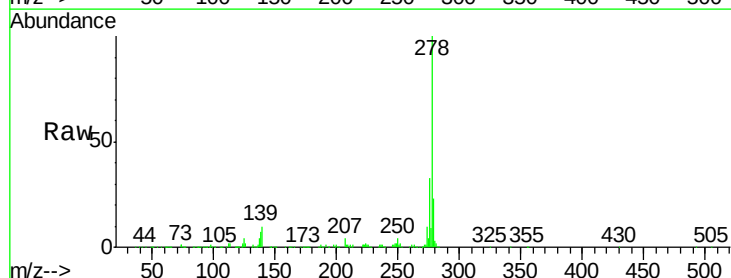
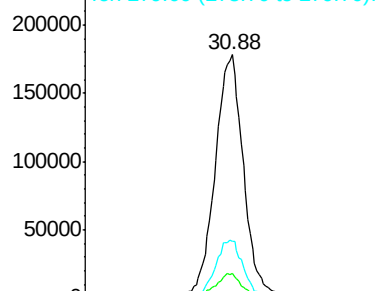
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

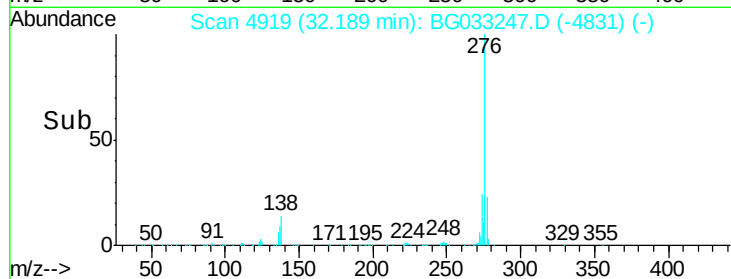
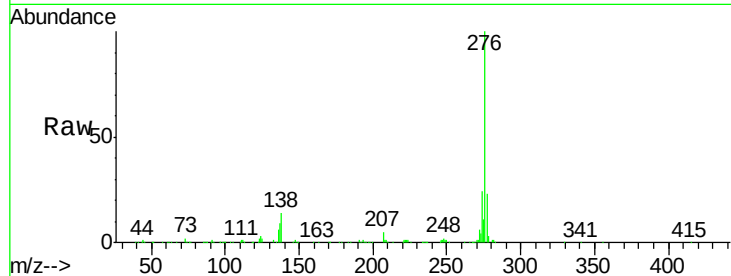
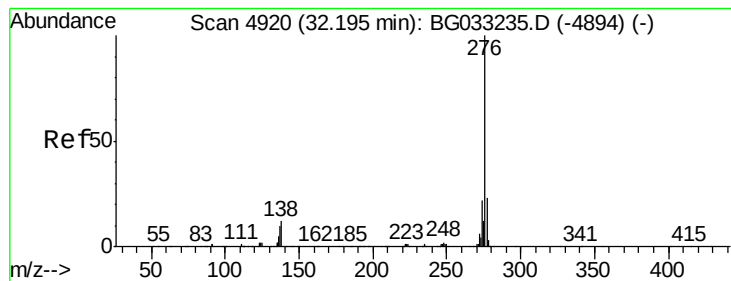


#90
Dibenzo(a,h)anthracene
Concen: 47.810 ng
RT: 30.88 min Scan# 4697
Delta R.T. 0.01 min
Lab File: BG033247.D
Acq: 19 Mar 2018 19:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.9	9.8	14.6
279	23.3	18.4	27.6

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 48.152 ng

RT: 32.19 min Scan# 4919

Delta R.T. -0.01 min

Lab File: BG033247.D

Acq: 19 Mar 2018 19:42

Tot Ion:	276	Resp:	926141
Ion Ratio		Lower	Upper
276	100		
277	22.7	18.3	27.5
138	13.8	13.9	20.9

Instrument :

BNA_G

ClientSampleId :

PB107449BS

Manual Integrations
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Sohil
3/20/2018 6:29:37 PM

