

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033636.D
 Acq On : 6 Apr 2018 20:04
 Operator : SJ/JU
 Sample : J2214-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HH-STONEMS

Manual Integrations
 APPROVED

Sohil
 4/9/2018 5:04:09 PM

Quant Time: Apr 09 07:12:21 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	39644	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	182608	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	136478	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	339460	20.00	ng	0.00
75) Chrysene-d12	22.56	240	338428	20.00	ng	0.00
86) Perylene-d12	26.33	264	357908	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.29	112	333772	157.87	ng	0.00
7) Phenol-d6	7.98	99	492132	135.47	ng	0.00
23) Nitrobenzene-d5	10.06	82	383108	96.39	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	269701	132.13	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	908723	96.12	ng	0.00
78) Terphenyl-d14	20.73	244	1503476	95.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.93	88	37407	34.840	ng	# 90
3) Pyridine	4.40	79	81429	27.435	ng	92
4) n-Nitrosodimethylamine	4.30	42	57552	47.250	ng	# 73
6) Aniline	8.16	93	55187	12.918	ng	# 95
8) 2-Chlorophenol	8.41	128	121794	50.391	ng	90
9) Benzaldehyde	7.97	77	25387	10.997	ng	84
10) Phenol	8.01	94	151699	42.297	ng	94
11) bis(2-Chloroethyl)ether	8.25	93	129545	44.252	ng	96
12) 1,3-Dichlorobenzene	8.75	146	114082	36.102	ng	95
13) 1,4-Dichlorobenzene	8.90	146	111543	35.246	ng	96
14) 1,2-Dichlorobenzene	9.23	146	116924	37.855	ng	94
15) Benzyl Alcohol	9.10	79	132713	46.401	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.38	45	224250	46.989	ng	91
17) 2-Methylphenol	9.30	107	107834	44.135	ng	94
18) Hexachloroethane	9.98	117	47178	38.626	ng	98
19) n-Nitroso-di-n-propylamine	9.66	70	122851	46.152	ng	99
20) 3+4-Methylphenols	9.64	107	150953	43.393	ng	93
22) Acetophenone	9.70	105	196876	39.353	ng	# 96
24) Nitrobenzene	10.10	77	173465	40.775	ng	95
25) Isophorone	10.62	82	345436	44.780	ng	98
26) 2-Nitrophenol	10.83	139	72314	44.898	ng	# 83
27) 2,4-Dimethylphenol	10.86	122	123263	52.682	ng	87
28) bis(2-Chloroethoxy)methane	11.10	93	176093	45.751	ng	98
29) 2,4-Dichlorophenol	11.38	162	133136	46.269	ng	99
30) 1,2,4-Trichlorobenzene	11.60	180	143504	38.385	ng	99
31) Naphthalene	11.80	128	408981	43.220	ng	99
32) Benzoic acid	11.00	122	53180	24.450	ng	91
33) 4-Chloroaniline	11.91	127	13633	3.216	ng	94
34) Hexachlorobutadiene	12.05	225	96954	34.294	ng	98
35) Caprolactam	12.63	113	35495	31.487	ng	94
36) 4-Chloro-3-methylphenol	12.96	107	174026	46.370	ng	95
37) 2-Methylnaphthalene	13.35	142	311784	42.450	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	197987	40.049	ng	98
40) Hexachlorocyclopentadiene	13.67	237	193332	66.711	ng	92

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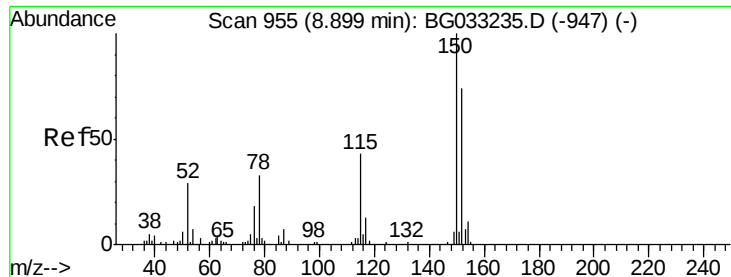
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	127338	44.334	nq	97
43) 2,4,5-Trichlorophenol	14.01	196	144963	42.699	nq	98
45) 1,1'-Biphenyl	14.32	154	446296	42.564	nq	95
46) 2-Chloronaphthalene	14.38	162	340343	42.097	nq	98
47) 2-Nitroaniline	14.57	65	142523	47.066	nq	90
48) Acenaphthylene	15.21	152	568225	42.107	nq	98
49) Dimethylphthalate	14.90	163	482735	40.644	nq	100
50) 2,6-Dinitrotoluene	15.04	165	106218	43.737	nq	96
51) Acenaphthene	15.54	154	397506	45.694	nq	97
52) 3-Nitroaniline	15.38	138	32086	12.602	nq #	85
53) 2,4-Dinitrophenol	15.58	184	85793	69.342	nq #	72
54) Dibenzofuran	15.87	168	558753	43.483	nq	92
55) 4-Nitrophenol	15.66	139	130178	72.710	nq #	83
56) 2,4-Dinitrotoluene	15.82	165	157279	43.984	nq	93
57) Fluorene	16.51	166	469522	42.889	nq	96
58) 2,3,4,6-Tetrachlorophenol	16.09	232	129804	40.613	nq	98
59) Diethylphthalate	16.24	149	492563	42.708	nq	99
60) 4-Chlorophenyl-phenylether	16.49	204	255184	40.551	nq	96
61) 4-Nitroaniline	16.53	138	95403	37.001	nq	86
62) Azobenzene	16.78	77	508876	45.549	nq	97
64) 4,6-Dinitro-2-methylphenol	16.58	198	73775	36.329	nq	98
65) n-Nitrosodiphenylamine	16.70	169	432026	44.580	nq	98
66) 4-Bromophenyl-phenylether	17.38	248	166064	41.655	nq #	92
67) Hexachlorobenzene	17.51	284	169253	40.228	nq	95
68) Atrazine	17.62	200	161758	41.191	nq	97
69) Pentachlorophenol	17.85	266	193545	67.023	nq	96
70) Phenanthrene	18.25	178	771962	43.665	nq	99
71) Anthracene	18.35	178	797015	44.525	nq	99
72) Carbazole	18.61	167	688839	43.426	nq	97
73) Di-n-butylphthalate	19.09	149	831905	45.058	nq #	98
74) Fluoranthene	20.21	202	938671	42.906	nq	99
76) Benzidine	20.39	184	33488m	3.649	nq	
77) Pyrene	20.56	202	944646	41.852	nq	99
79) Butylbenzylphthalate	21.42	149	385913	46.332	nq	97
80) Benzo(a)anthracene	22.54	228	923668	42.862	nq	99
81) 3,3'-Dichlorobenzidine	22.42	252	120385	15.699	nq	96
82) Chrysene	22.61	228	881053	42.236	nq	99
83) Bis(2-ethylhexyl)phthalate	22.35	149	537056	46.774	nq	97
84) Di-n-octyl phthalate	23.75	149	923999	52.559	nq	100
85) Indeno(1,2,3-cd)pyrene	30.72	276	955310	42.357	nq #	62
87) Benzo(b)fluoranthene	25.12	252	910359	44.025	nq #	97
88) Benzo(k)fluoranthene	25.19	252	916400	43.819	nq	97
89) Benzo(a)pyrene	26.15	252	889698	44.804	nq	98
90) Dibenzo(a,h)anthracene	30.78	278	778963	41.644	nq	98
91) Benzo(g,h,i)perylene	32.09	276	792365	42.778	nq	98

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



#1

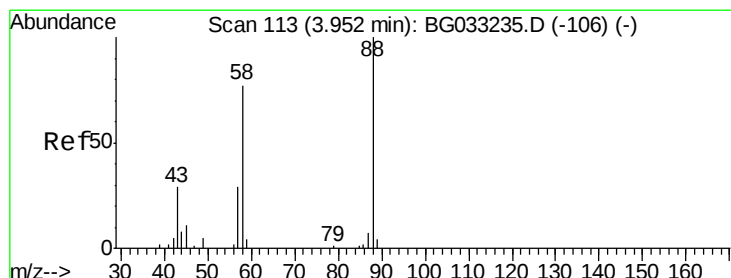
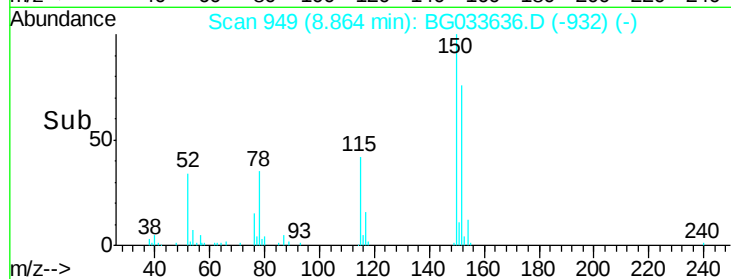
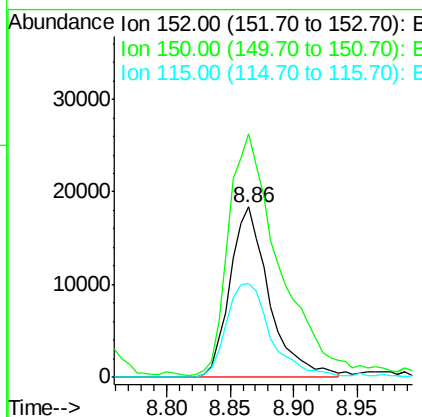
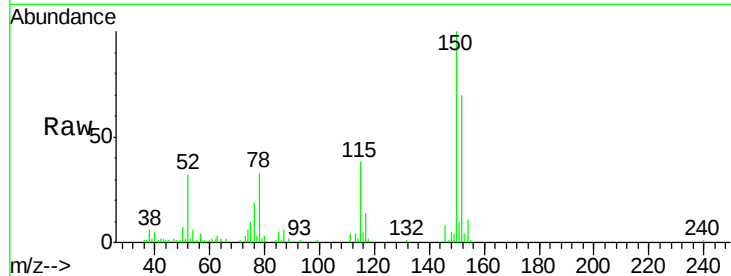
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Instrument :
BNA_G
ClientSampleId :
HH-STONEMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.0	126.6	189.8
115	54.9	53.0	79.4

Manual Integrations
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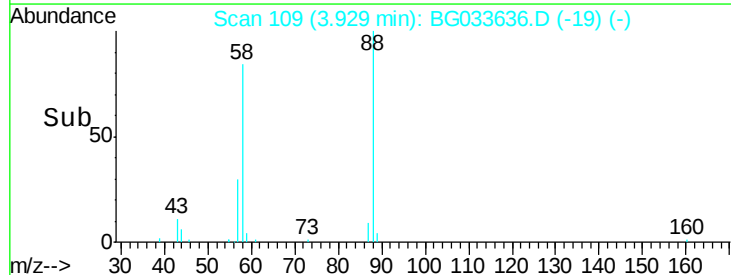
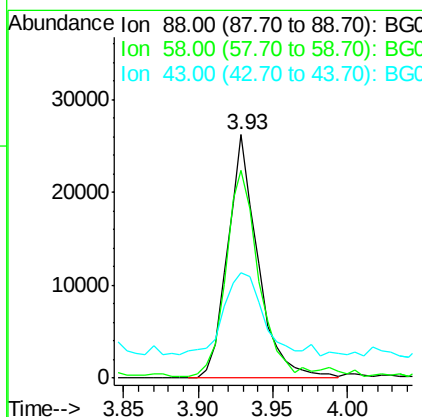
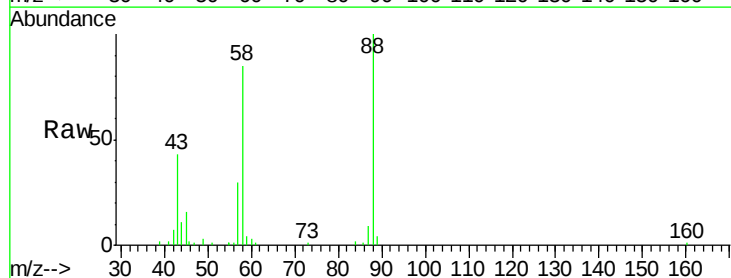
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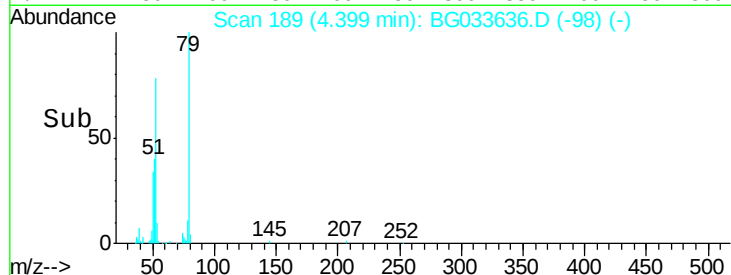
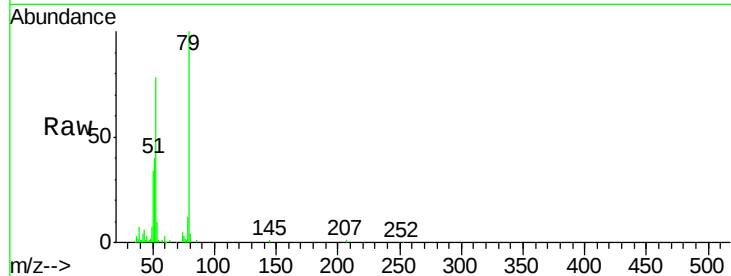
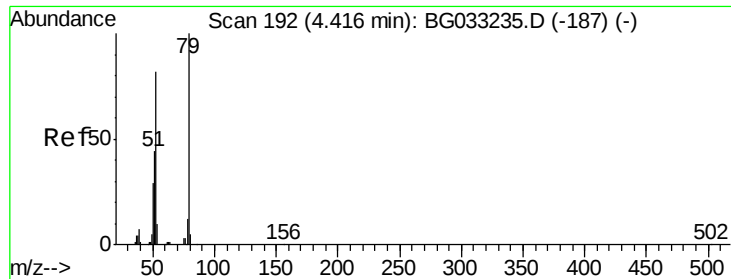


#2

1,4-Dioxane
Concen: 34.840 ng
RT: 3.93 min Scan# 109
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.0	79.6	119.4
43	42.2	27.4	41.0





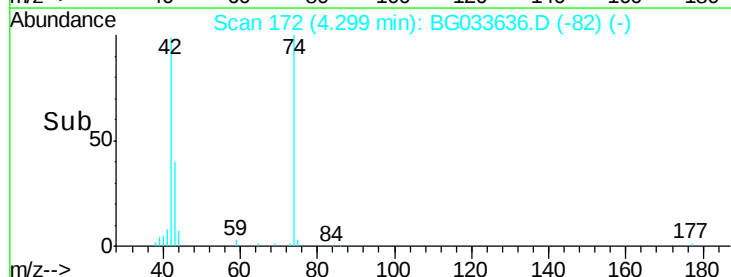
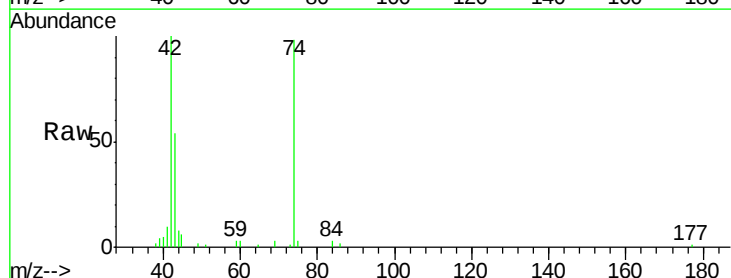
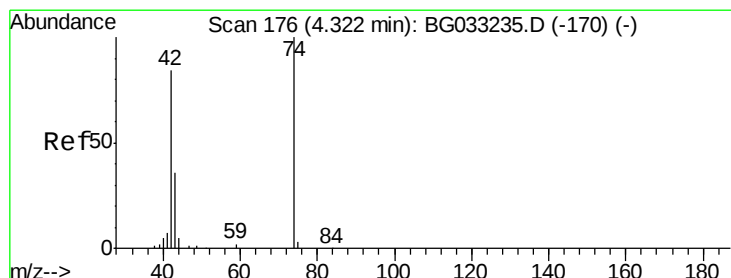
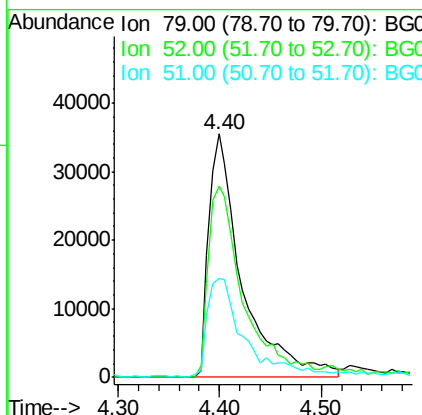
#3
 Pvridine
 Concen: 27.435 ng
 RT: 4.40 min Scan# 189
 Delta R.T. 0.01 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.4	69.9	104.9
51	40.5	34.0	51.0

Instrument :
 BNA_G
 ClientSampleId :
 HH-STONEMS

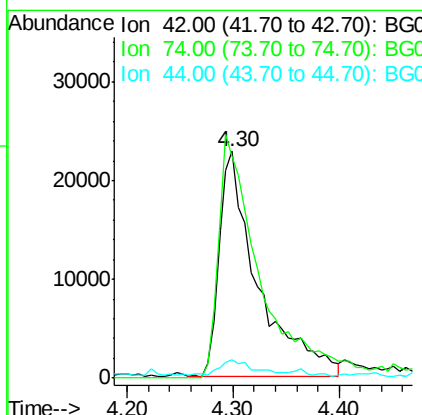
Manual Integrations
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#4
 n-Nitrosodimethylamine
 Concen: 47.250 ng
 RT: 4.30 min Scan# 172
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	97.9	102.5	153.7#
44	8.1	18.9	28.3#





#5

2-Fluorophenol

Concen: 157.871 ng

RT: 6.29 min Scan# 510

Delta R.T. -0.01 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

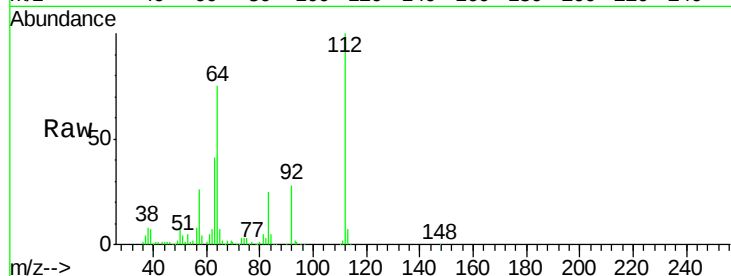
ClientSampleId :

HH-STONEMS

Tot Ion:	112	Resp:	333772
Ion Ratio	Lower	Upper	
112	100		
64	75.1	56.3	84.5
63	41.2	30.1	45.1

Manual Integrations
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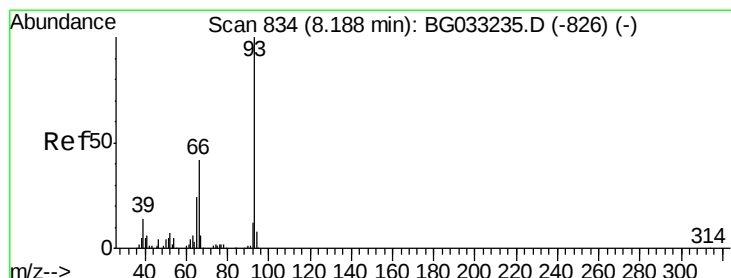
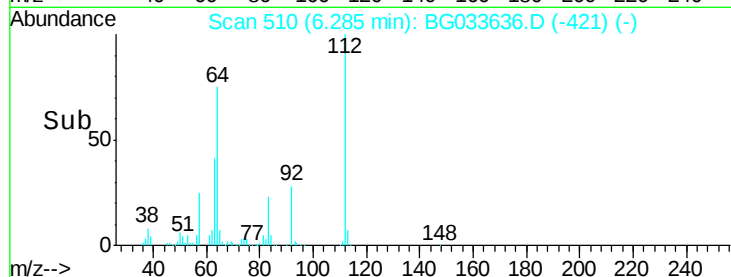
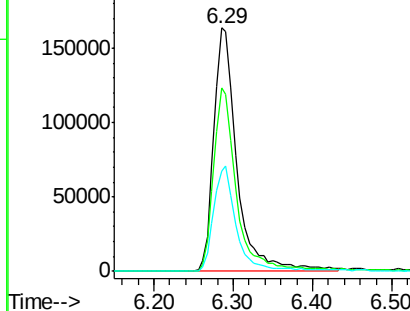
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.918 ng

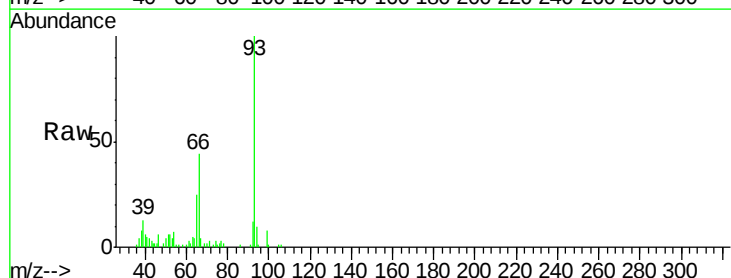
RT: 8.16 min Scan# 829

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

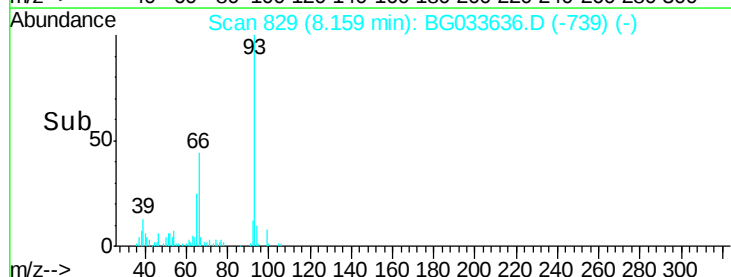
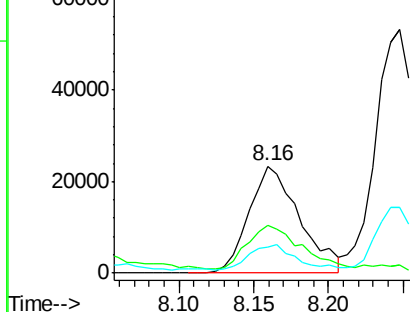
Tgt Ion:	93	Resp:	55187
Ion Ratio	Lower	Upper	
93	100		
66	44.2	33.7	50.5
65	24.6	16.1	24.1#

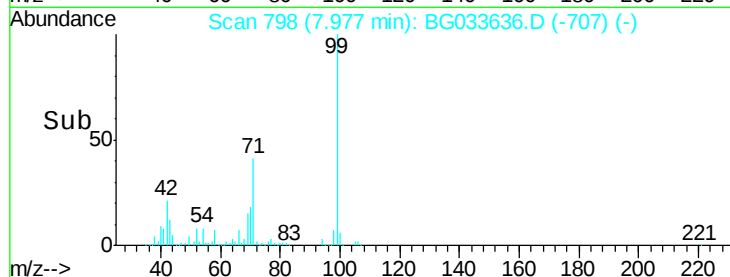
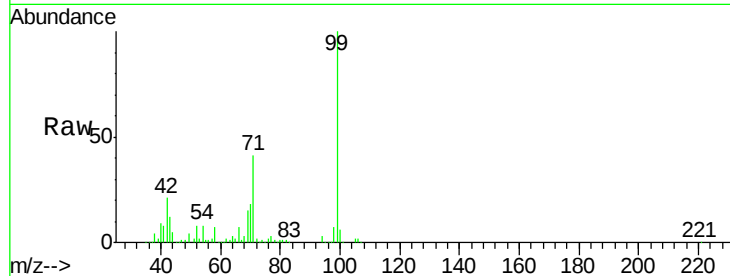
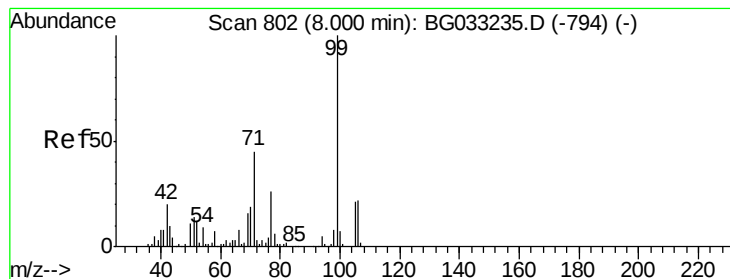


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.475 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		492132		
42	20.9	14.1	21.1		
71	40.7	26.1	39.1#		

Instrument :

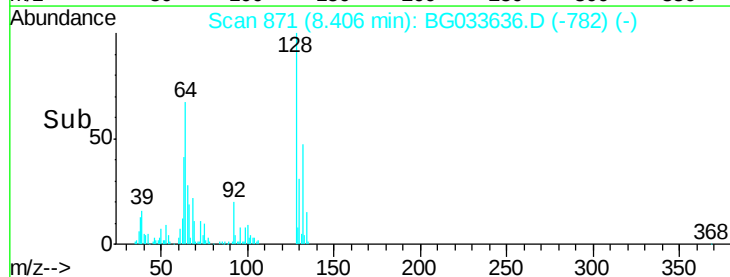
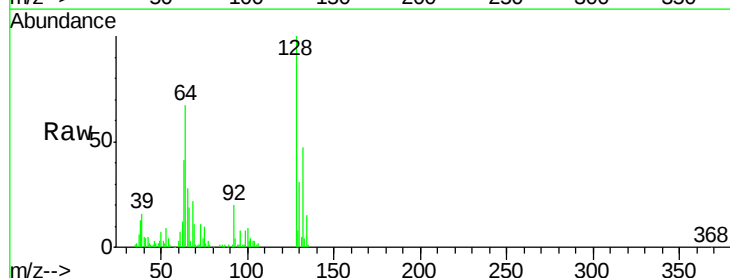
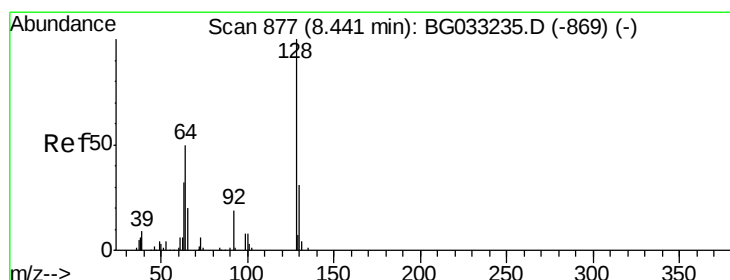
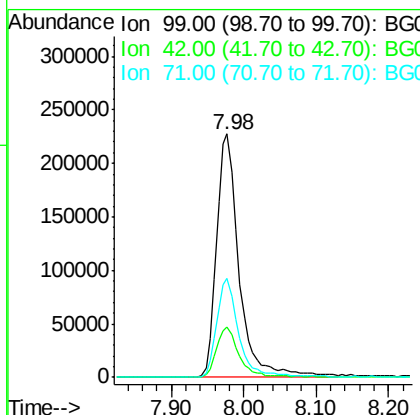
BNA_G

ClientSampleId :

HH-STONEMS

Manual Integrations
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#8

2-Chlorophenol

Concen: 50.391 ng

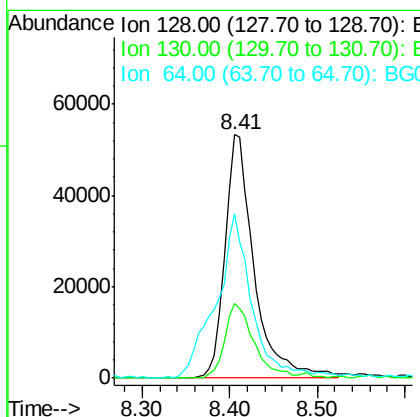
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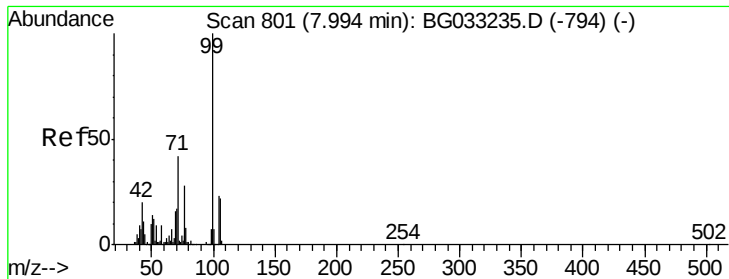
Delta R.T. -0.01 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		121794		
130	30.5	14.0	54.0		
64	67.4	37.7	77.7		





#9

Benzaldehyde

Concen: 10.997 ng

RT: 7.97 min Scan# 796

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

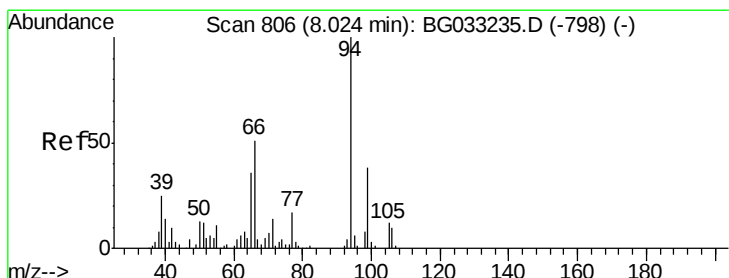
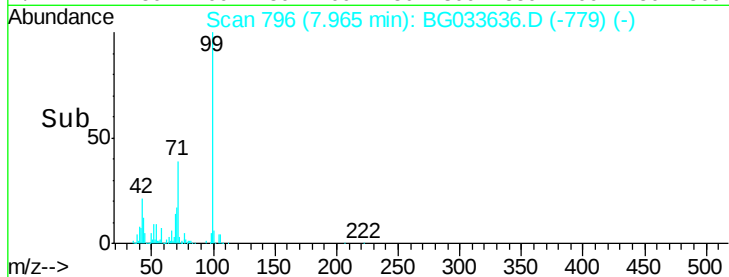
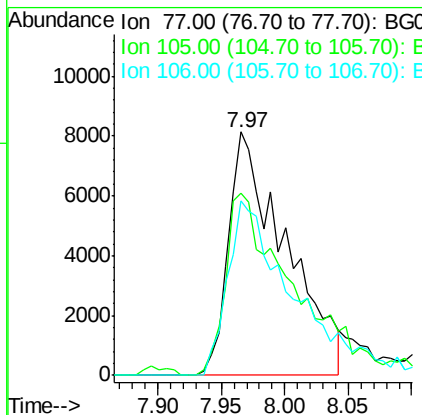
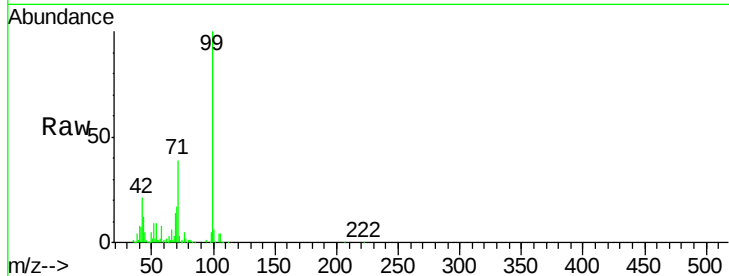
ClientSampled :

HH-STONEMS

Tot Ion:	77	Resp:	25387
Ion	Ratio	Lower	Upper
77	100		
105	74.9	71.3	111.3
106	71.7	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 42.297 ng

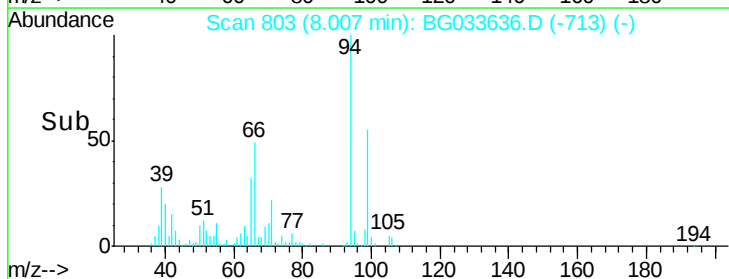
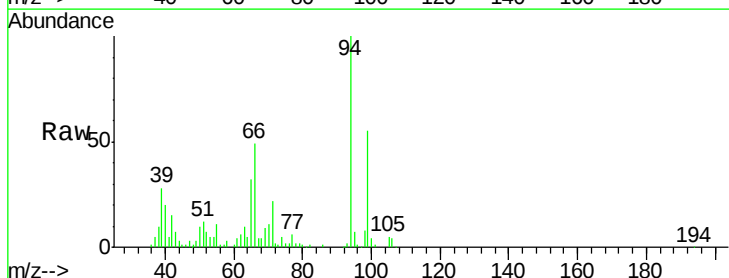
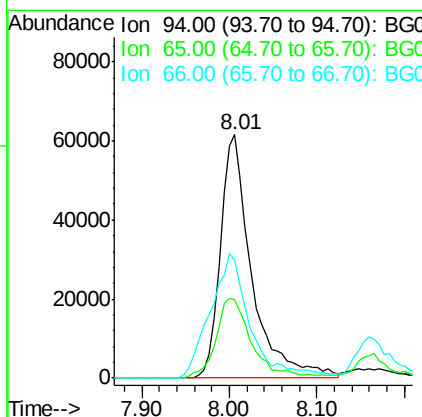
RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Tgt Ion:	94	Resp:	151699
Ion	Ratio	Lower	Upper
94	100		
65	32.3	11.9	51.9
66	48.8	22.2	62.2





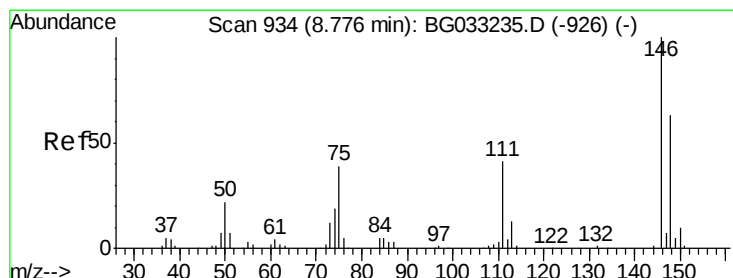
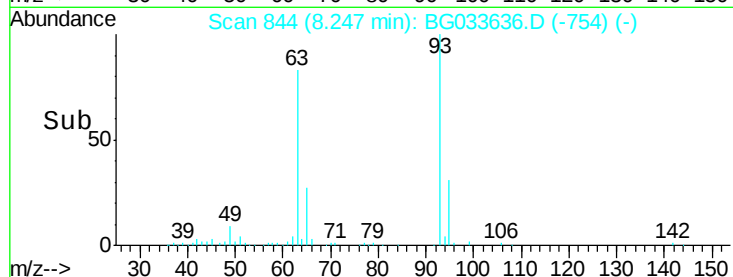
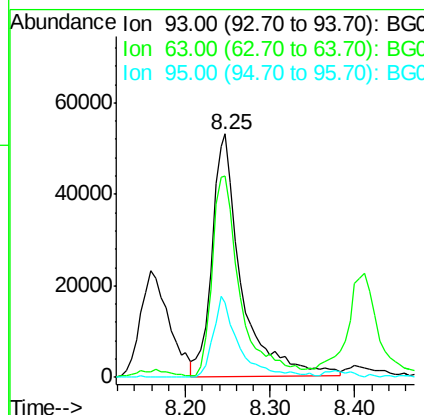
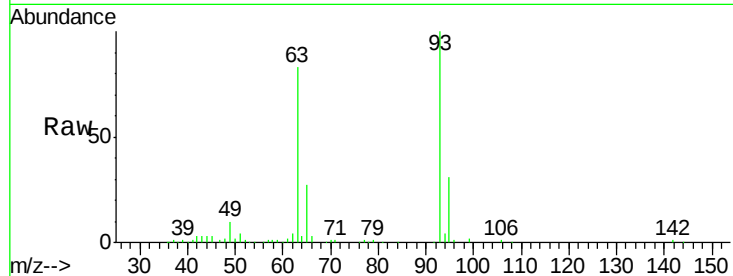
#11
bis(2-Chloroethyl)ether
Concen: 44.252 ng
RT: 8.25 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Instrument :
BNA_G
ClientSampleId :
HH-STONEMS

Tot Ion:	93	Resp:	129545
Ion Ratio	Lower	Upper	
93	100		
63	82.8	67.1	107.1
95	30.7	11.5	51.5

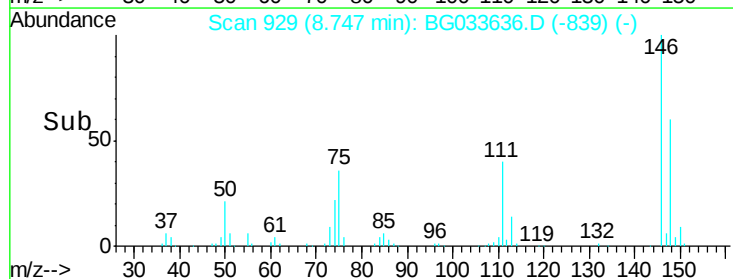
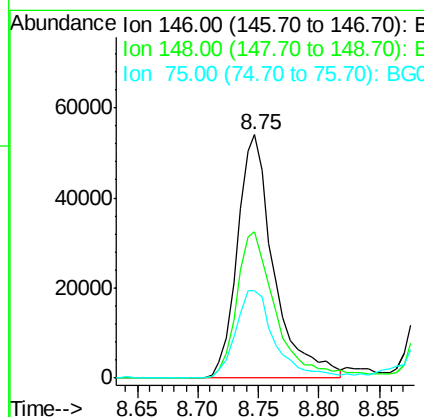
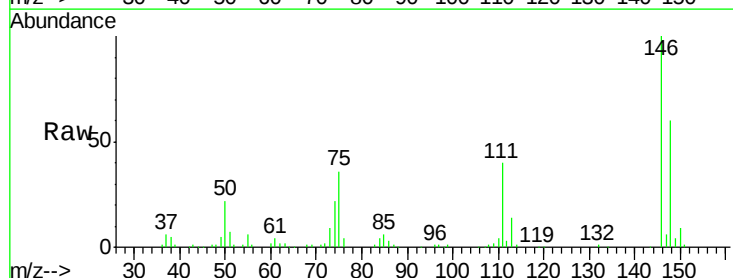
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#12
1,3-Dichlorobenzene
Concen: 36.102 ng
RT: 8.75 min Scan# 929
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion:	146	Resp:	114082
Ion Ratio	Lower	Upper	
146	100		
148	60.1	51.4	77.2
75	35.9	26.6	39.8





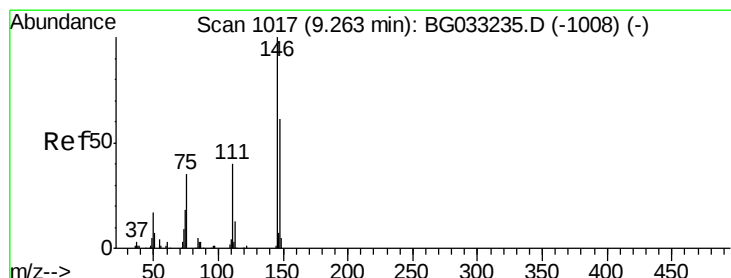
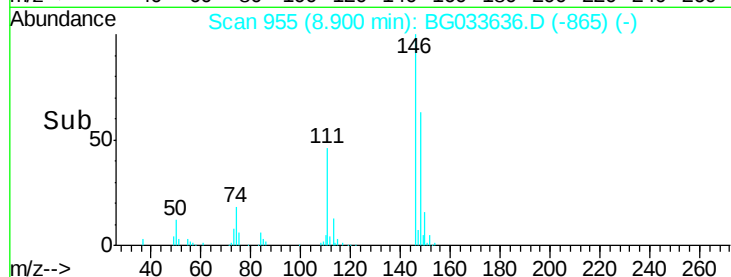
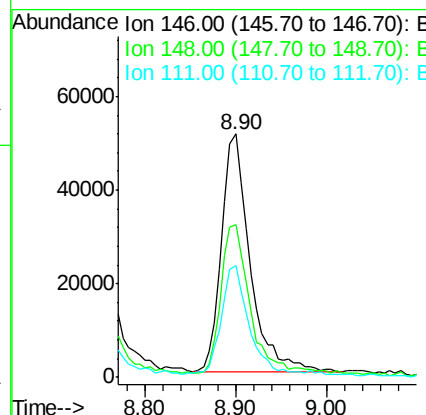
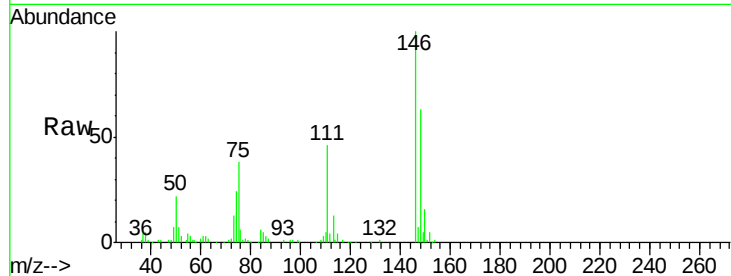
#13
 1,4-Dichlorobenzene
 Concen: 35.246 ng
 RT: 8.90 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 HH-STONEMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	53.7	80.5
111	46.0	35.2	52.8

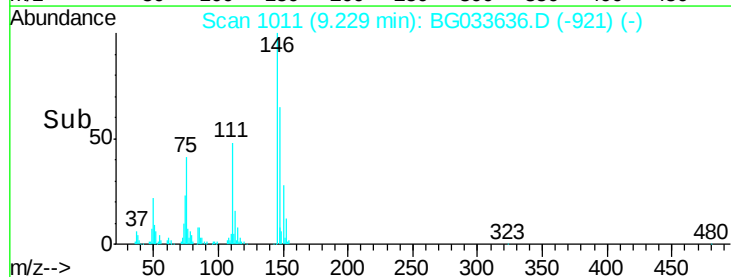
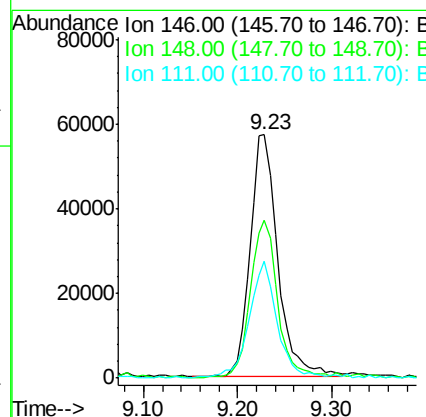
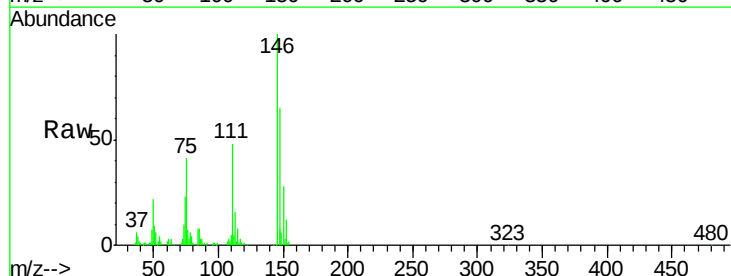
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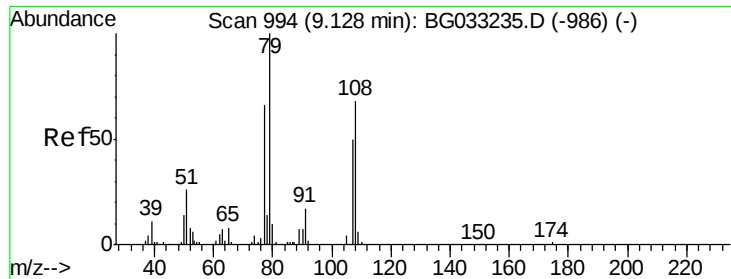
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#14
 1,2-Dichlorobenzene
 Concen: 37.855 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	49.3	73.9
111	47.8	34.3	51.5





#15

Benzyl Alcohol

Concen: 46.401 ng

RT: 9.10 min Scan# 989

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

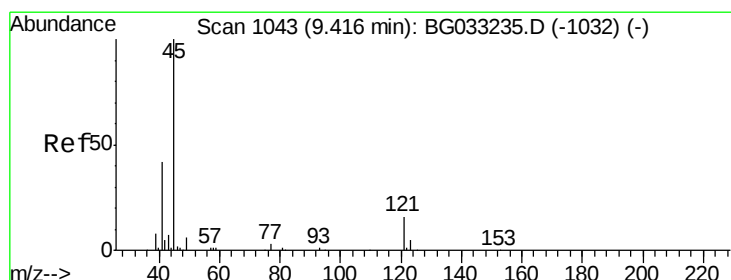
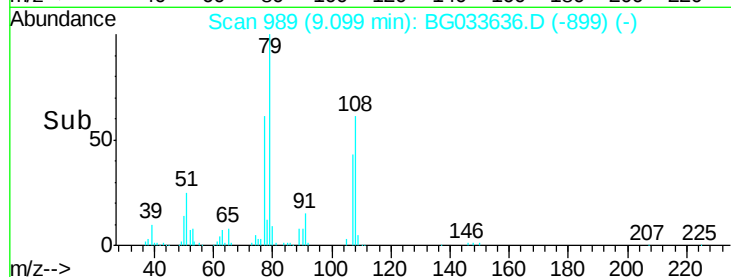
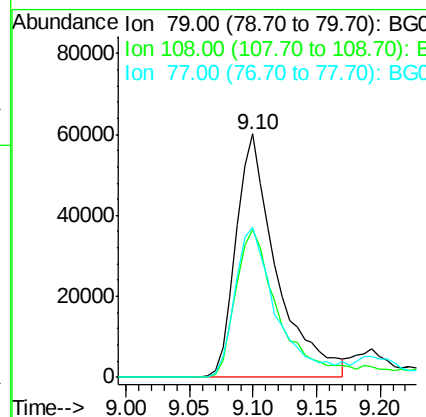
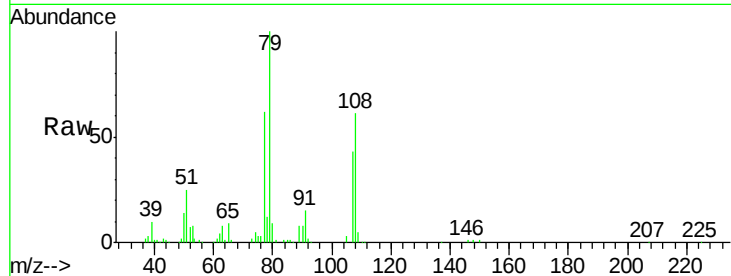
ClientSampleId :

HH-STONEMS

Tot Ion:	79	Resp:	132713
Ion Ratio	Lower	Upper	
79	100		
108	60.8	57.2	85.8
77	61.6	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.989 ng

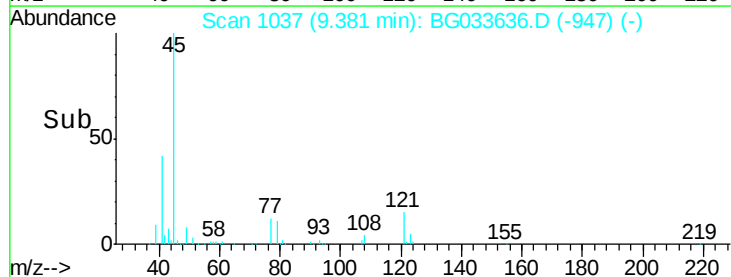
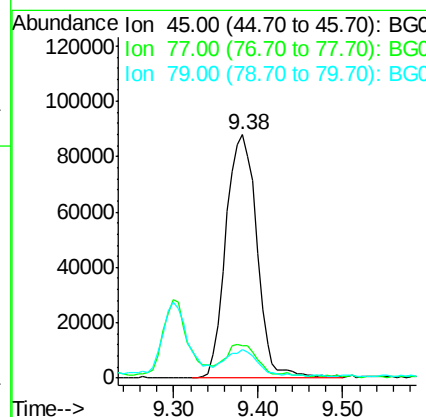
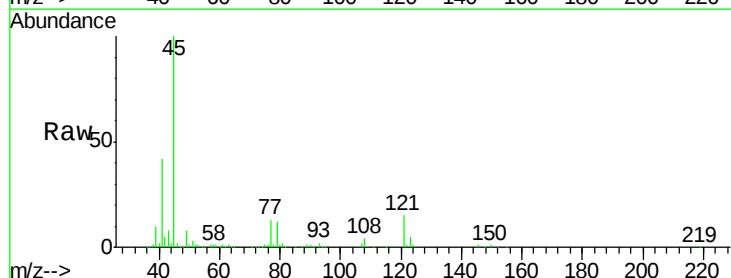
RT: 9.38 min Scan# 1037

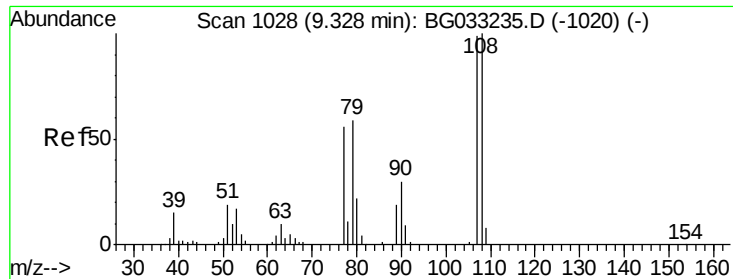
Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Tgt Ion:	45	Resp:	224250
Ion Ratio	Lower	Upper	
45	100		
77	13.4	0.0	30.2
79	11.6	0.0	27.9





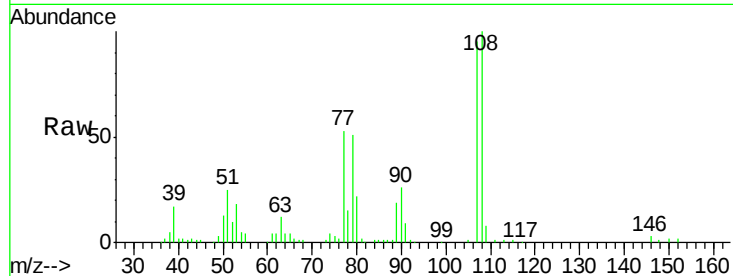
#17
2-Methylphenol
Concen: 44.135 ng
RT: 9.30 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Instrument :
BNA_G
ClientSampleId :
HH-STONEMS

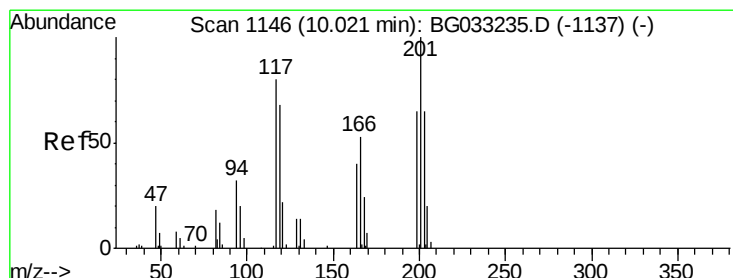
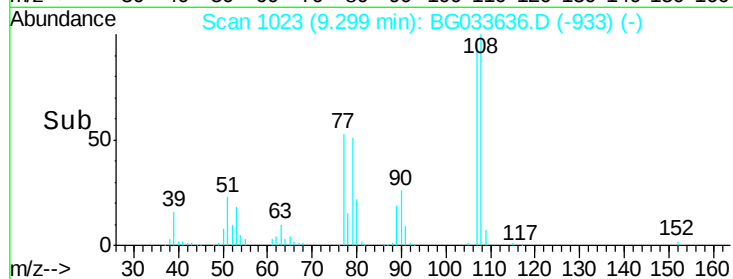
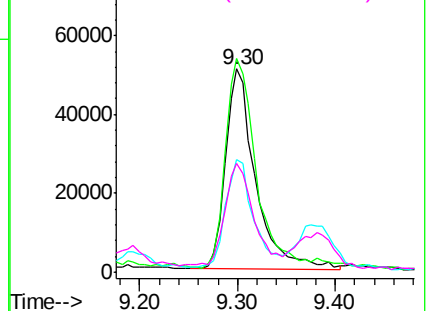
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.0	83.9	125.9	
77	55.2	37.2	55.8	
79	53.2	36.2	54.2	

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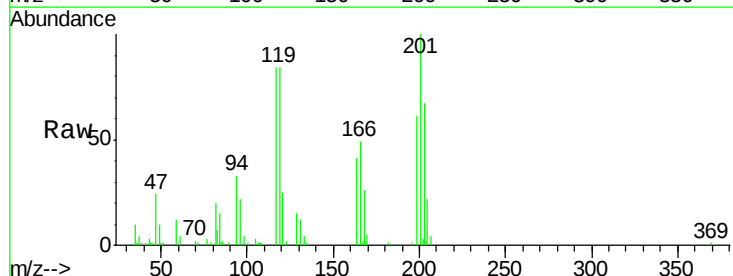


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

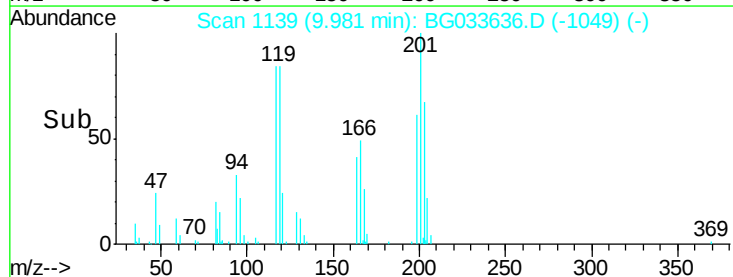
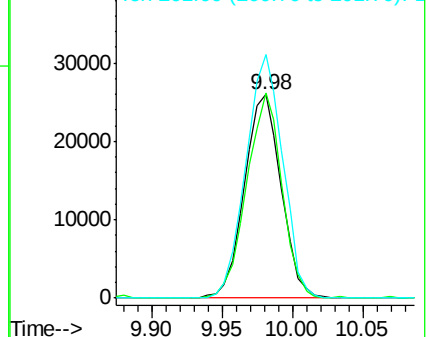


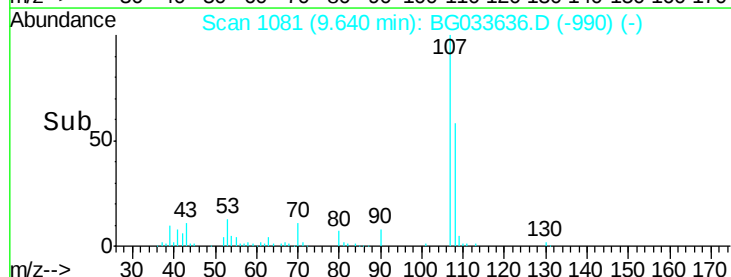
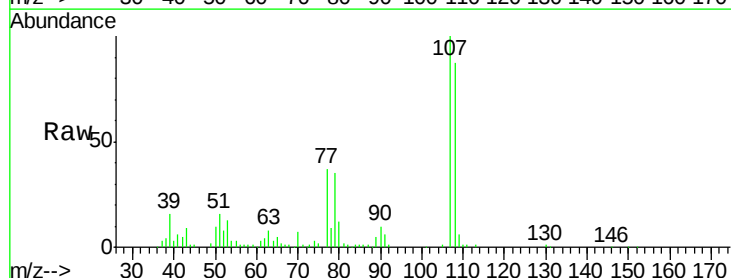
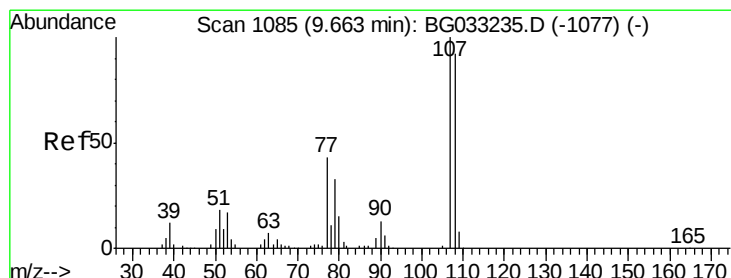
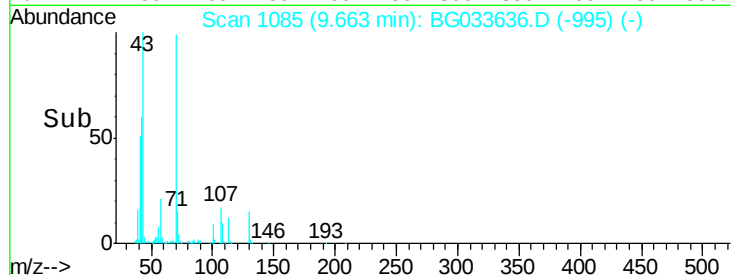
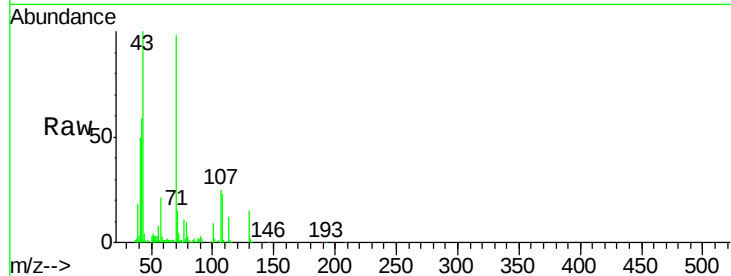
#18
Hexachloroethane
Concen: 38.626 ng
RT: 9.98 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.0	76.7	115.1	
201	119.7	95.7	143.5	



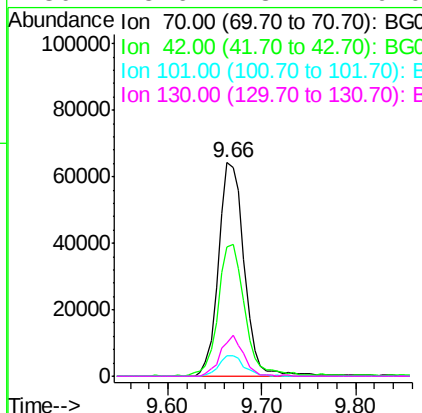
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 46.152 ng
RT: 9.66 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	60.8	49.1	73.7		
101	9.4	8.5	12.7		
130	15.6	13.4	20.0		



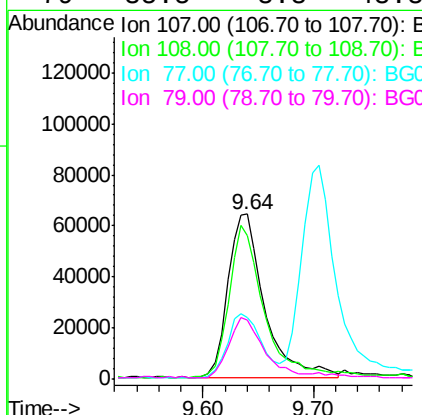
Instrument :
BNA_G
ClientSampleId :
HH-STONEMS

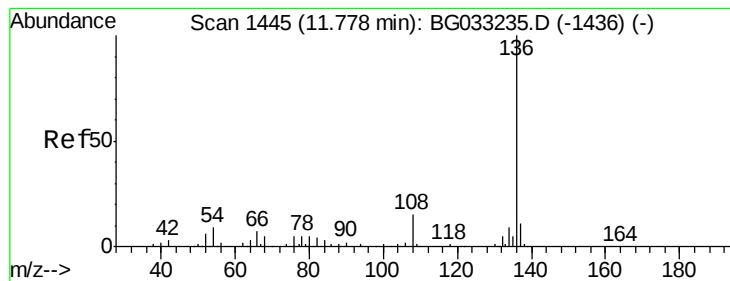
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#20
3+4-Methylphenols
Concen: 43.393 ng
RT: 9.64 min Scan# 1081
Delta R.T. 0.01 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.7	61.6	101.6		
77	37.2	13.9	53.9		
79	35.5	8.8	48.8		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

ClientSampleId :

HH-STONEMS

Tot Ion:136 Resp: 182608

Ion Ratio Lower Upper

136 100

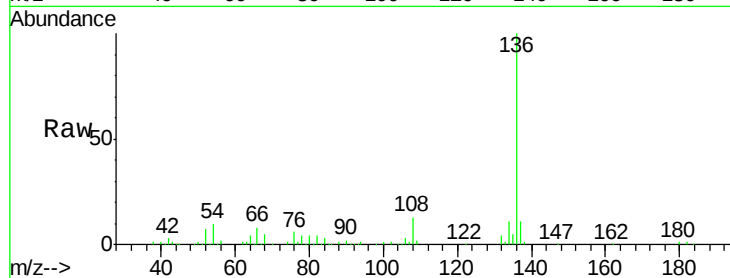
137 11.2 9.2 13.8

54 10.1 10.3 15.5#

68 5.3 4.5 6.7

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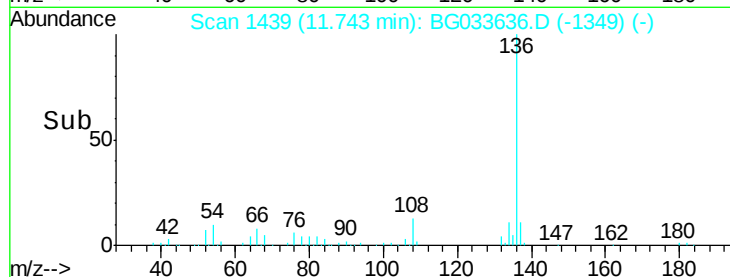


Abundance Ion 136.00 (135.70 to 136.70): E

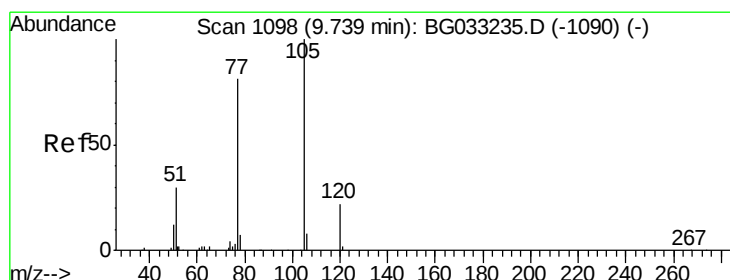
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 39.353 ng

RT: 9.70 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Tgt Ion:105 Resp: 196876

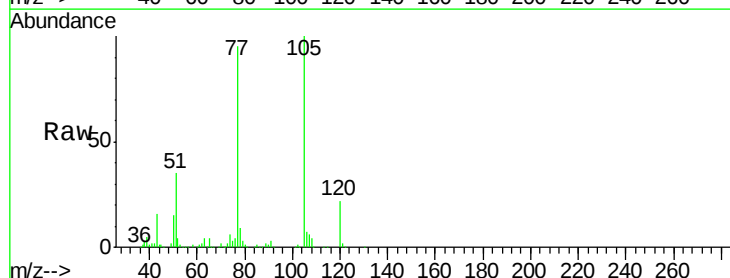
Ion Ratio Lower Upper

105 100

71 0.5 3.0 4.4#

51 35.3 26.1 39.1

120 21.5 17.4 26.2

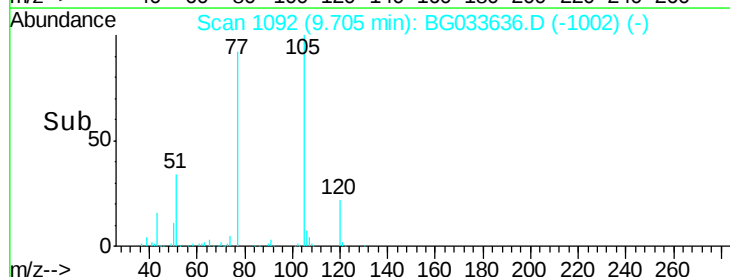


Abundance Ion 105.00 (104.70 to 105.70): E

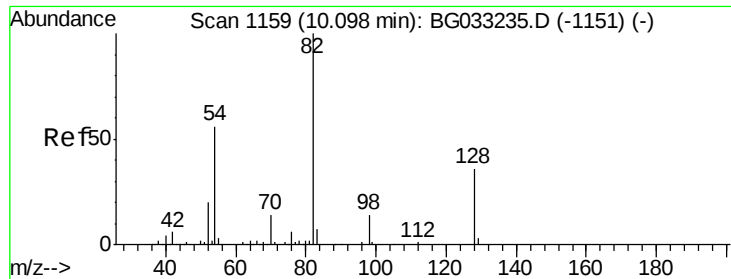
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->



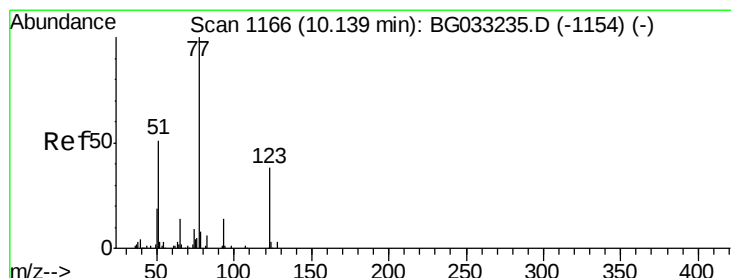
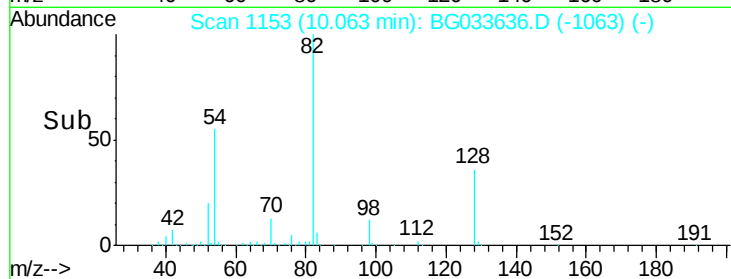
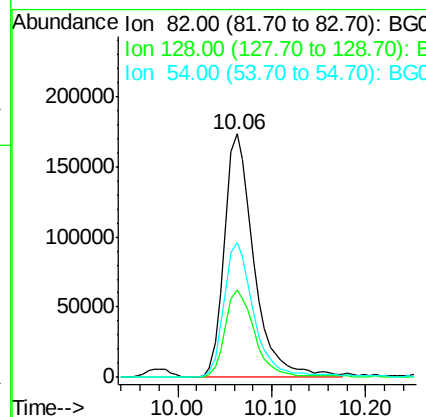
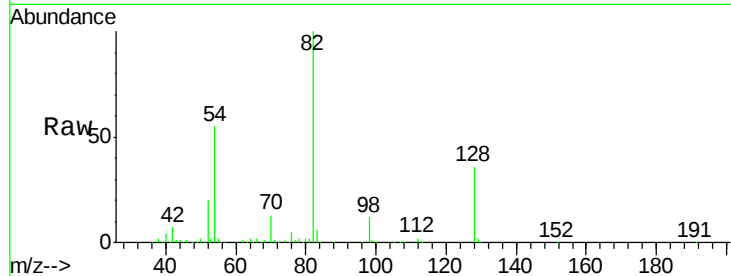
#23
 Nitrobenzene-d5
 Concen: 96.390 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 HH-STONEMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.7	44.5
54	55.3	43.1	64.7

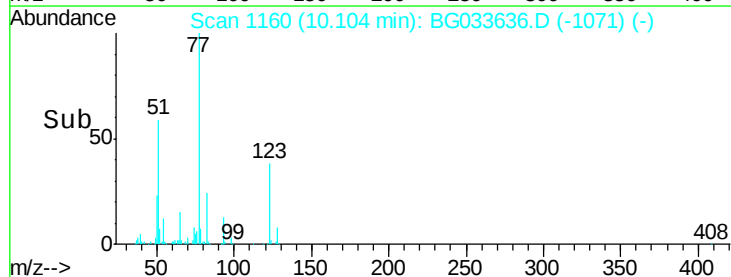
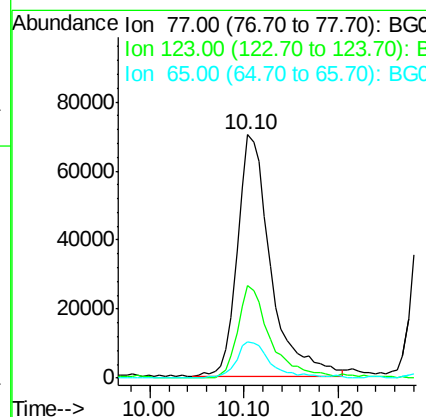
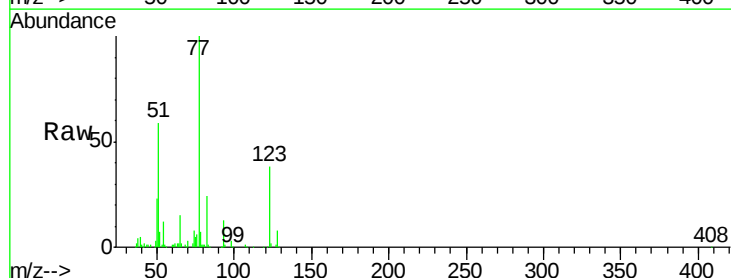
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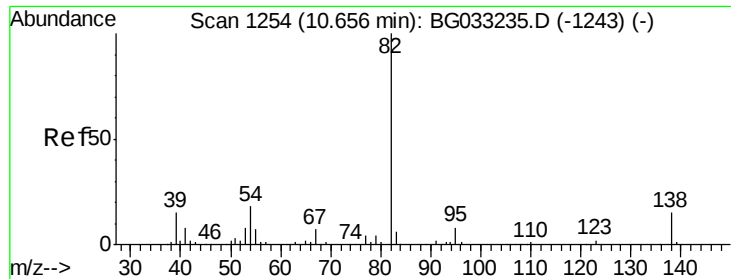
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#24
 Nitrobenzene
 Concen: 40.775 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.3	33.0	49.6
65	14.7	13.0	19.6





#25

Isophorone

Concen: 44.780 ng

RT: 10.62 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

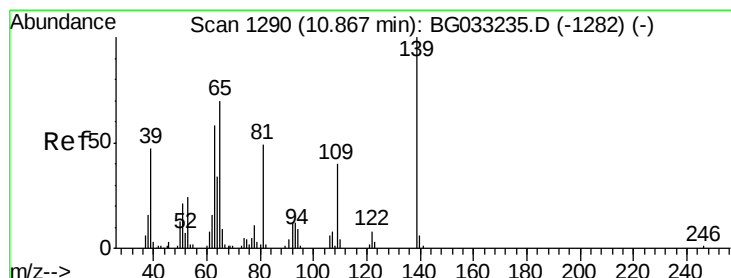
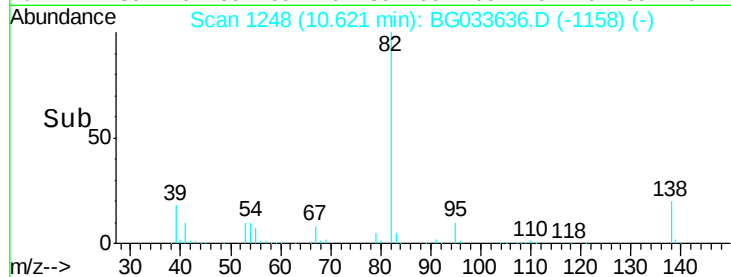
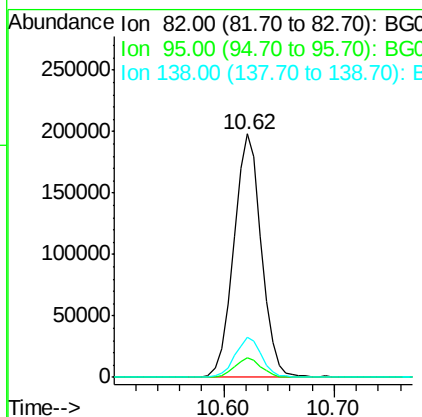
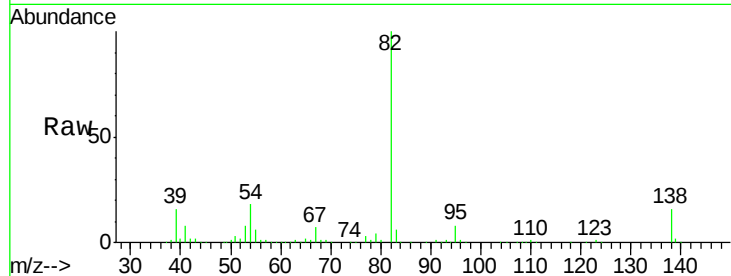
ClientSampleId :

HH-STONEMS

Tot Ion:	82	Resp:	345436
Ion Ratio		Lower	Upper
82	100		
95	8.1	6.2	9.2
138	16.3	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.898 ng

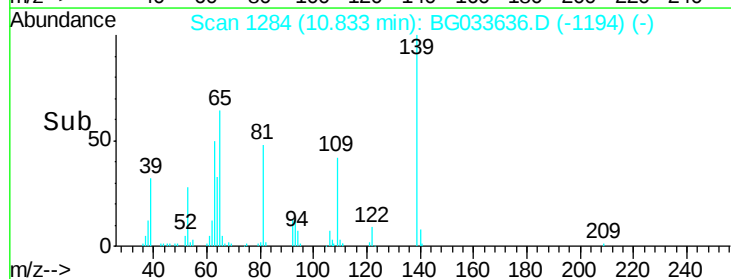
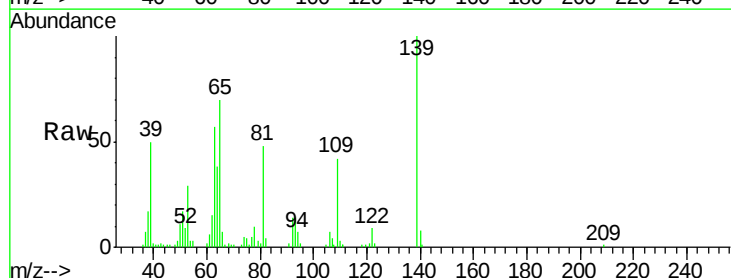
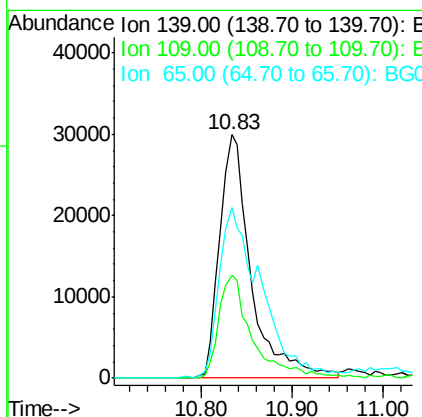
RT: 10.83 min Scan# 1284

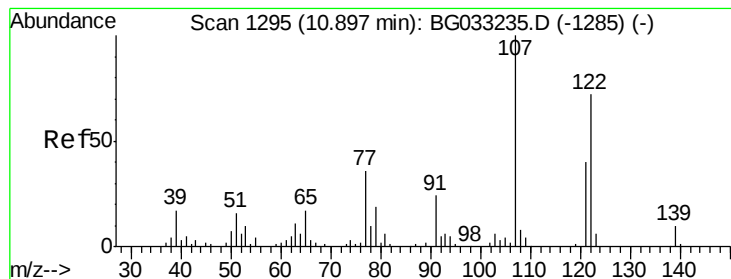
Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Tgt Ion:	139	Resp:	72314
Ion Ratio		Lower	Upper
139	100		
109	42.2	24.2	36.2#
65	70.4	47.4	71.0





#27

2,4-Dimethylphenol

Concen: 52.682 ng

RT: 10.86 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

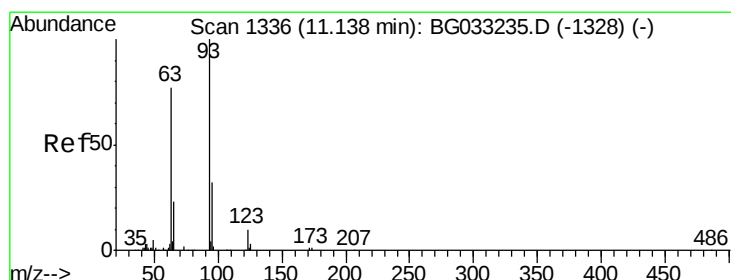
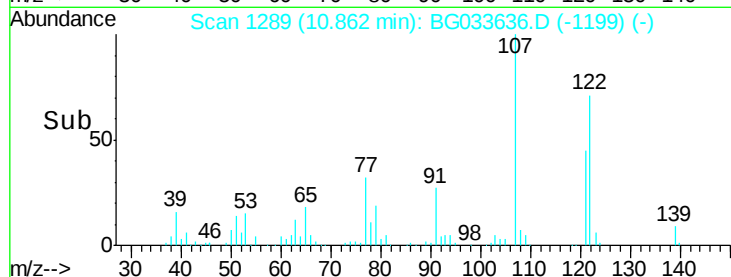
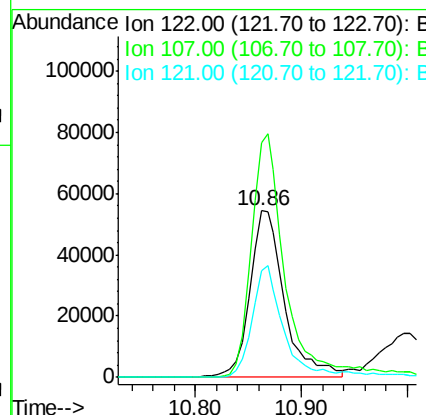
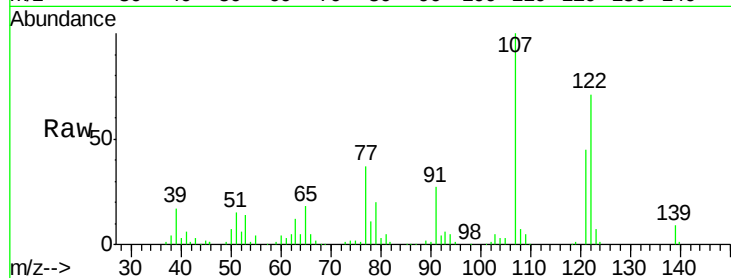
ClientSampled :

HH-STONEMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	141.5	100.2	150.2
121	63.9	44.4	66.6

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#28

bis(2-Chloroethoxy)methane

Concen: 45.751 ng

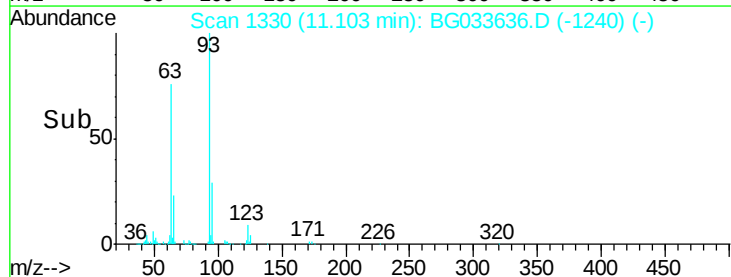
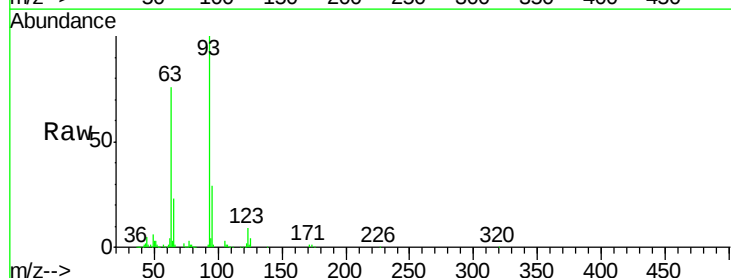
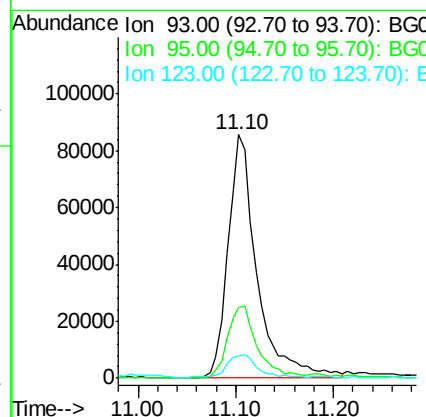
RT: 11.10 min Scan# 1330

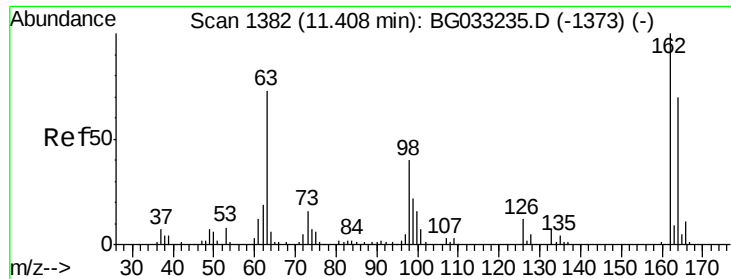
Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.2	24.3	36.5
123	9.3	8.4	12.6





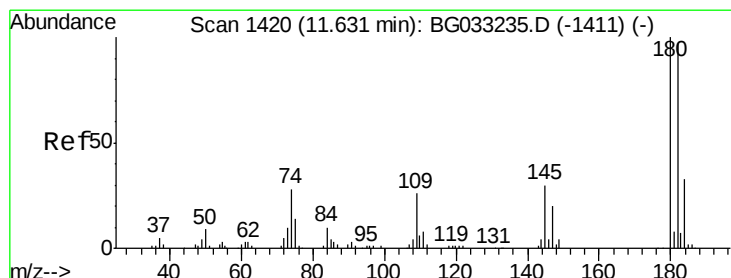
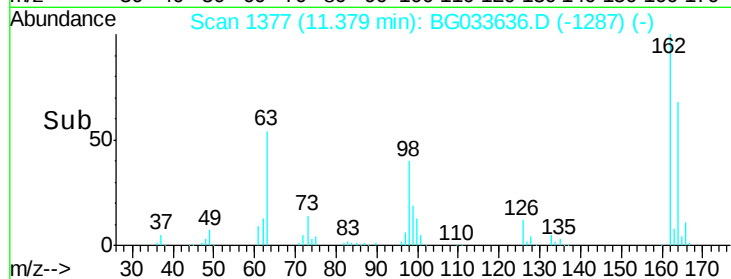
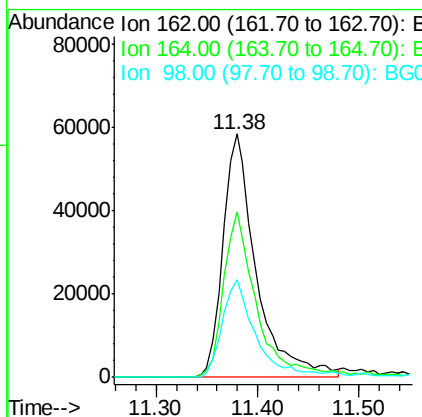
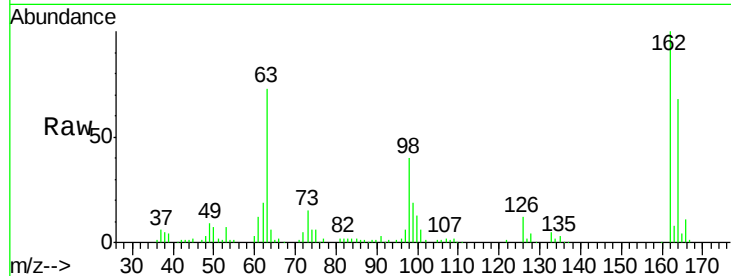
#29
 2,4-Dichlorophenol
 Concen: 46.269 ng
 RT: 11.38 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 HH-STONEMS

Tot Ion:	162	Resp:	133136
Ion Ratio	Lower	Upper	
162	100		
164	67.9	48.0	88.0
98	39.9	21.1	61.1

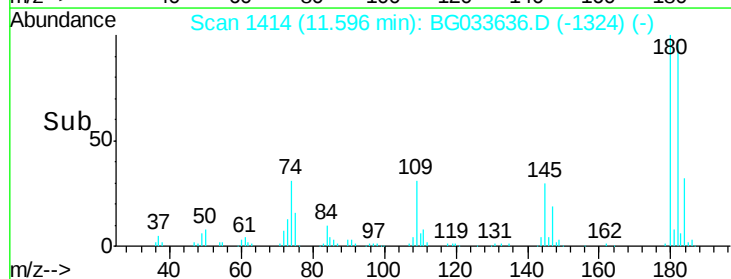
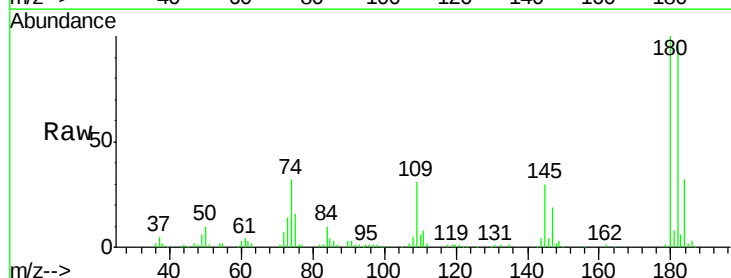
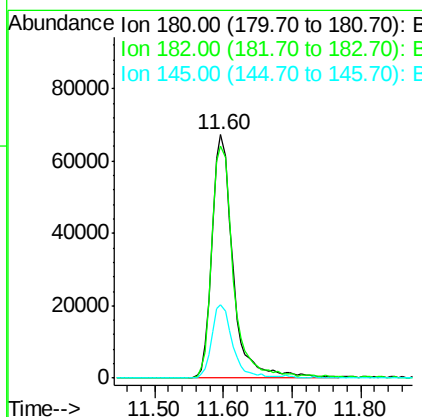
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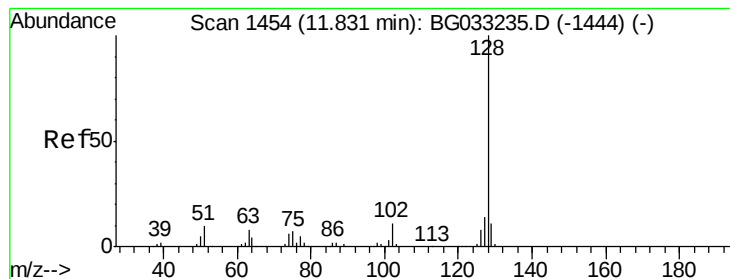
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.385 ng
 RT: 11.60 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion:	180	Resp:	143504
Ion Ratio	Lower	Upper	
180	100		
182	95.5	77.5	116.3
145	30.1	23.4	35.2





#31

Naphthalene

Concen: 43.220 ng

RT: 11.80 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

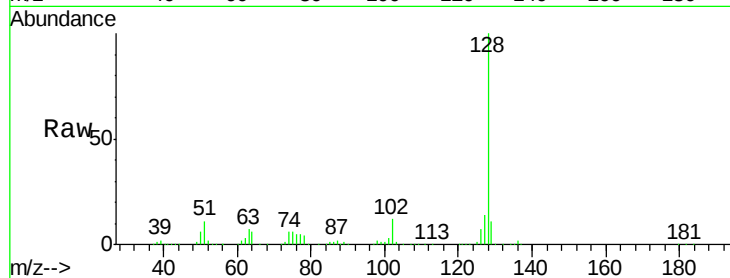
ClientSampleId :

HH-STONEMS

Tot Ion:	128	Resp:	408981
Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	14.4	11.6	17.4

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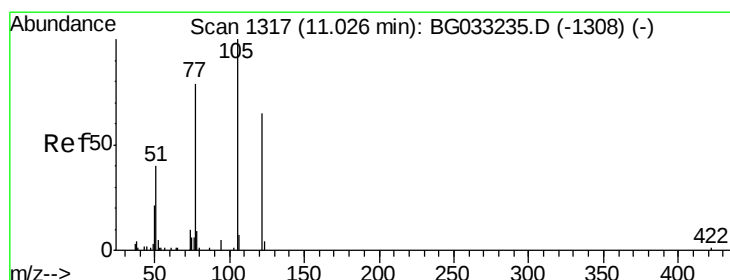
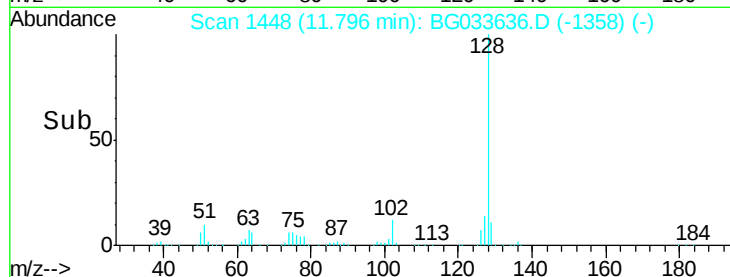
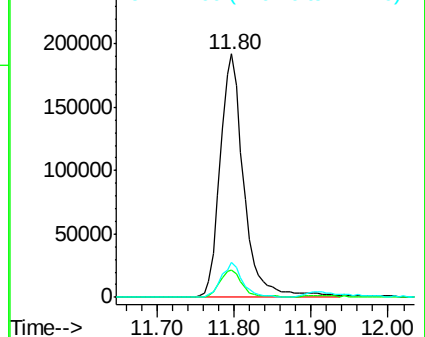


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.450 ng

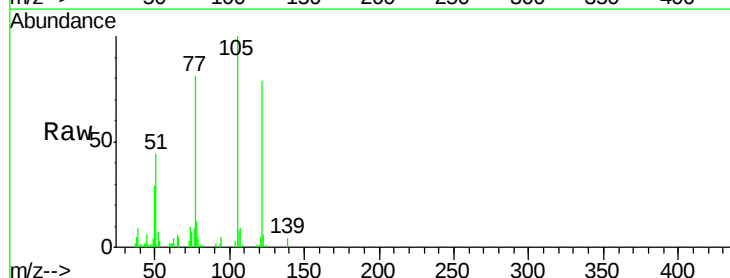
RT: 11.00 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Tgt Ion:	122	Resp:	53180
Ion	Ratio	Lower	Upper
122	100		
105	126.7	123.5	163.5
77	102.6	85.7	125.7

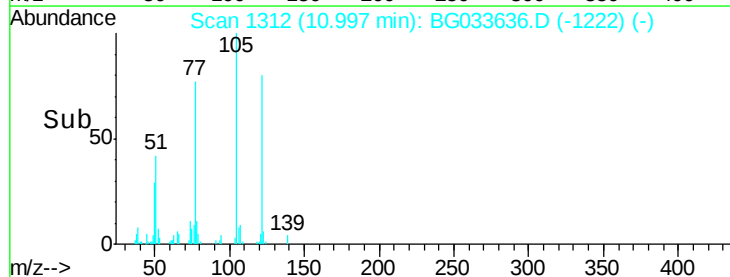
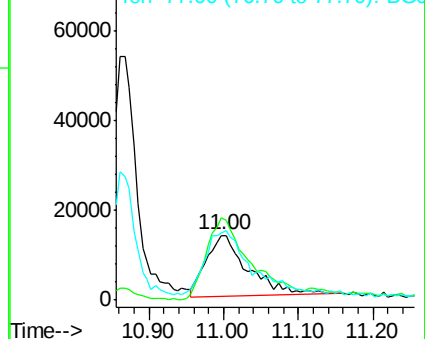


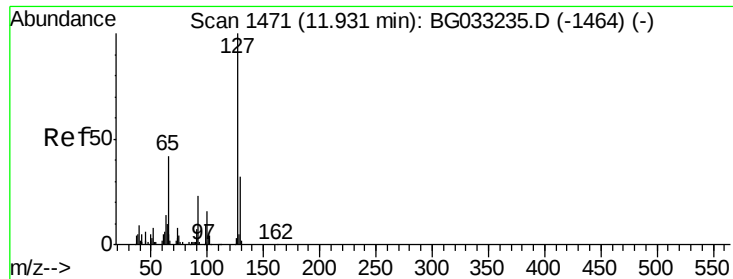
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





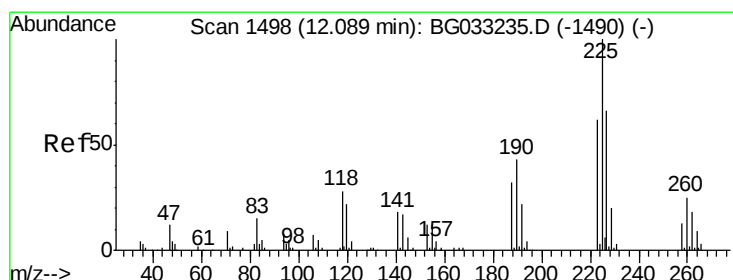
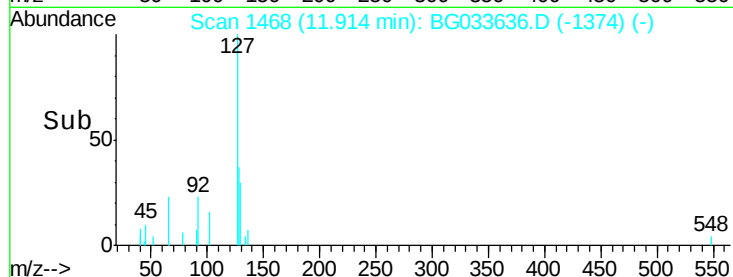
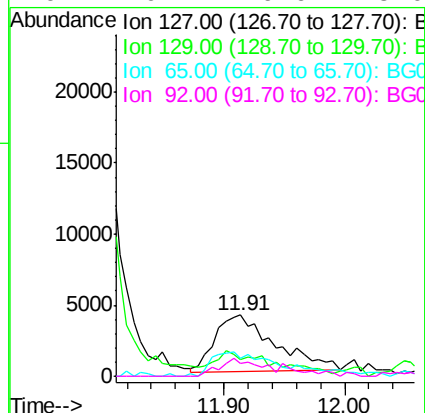
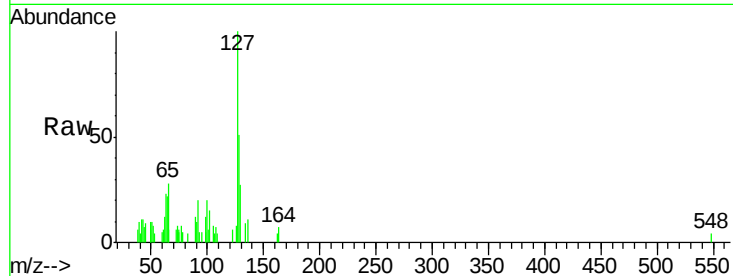
#33
4-Chloroaniline
Concen: 3.216 ng
RT: 11.91 min Scan# 1468
Delta R.T. 0.02 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Instrument :
BNA_G
ClientSampleId :
HH-STONEMS

Tot Ion:	127	Resp:	13633
Ion Ratio	Lower	Upper	
127	100		
129	27.4	24.0	36.0
65	28.5	27.0	40.4
92	20.4	16.6	25.0

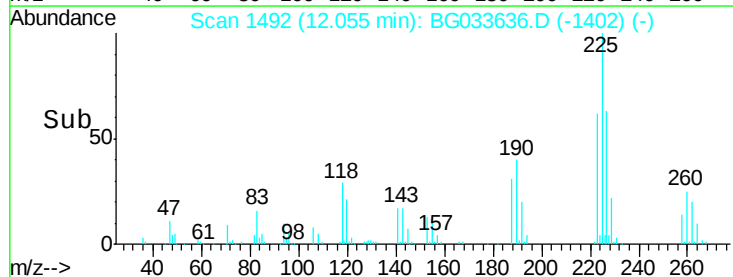
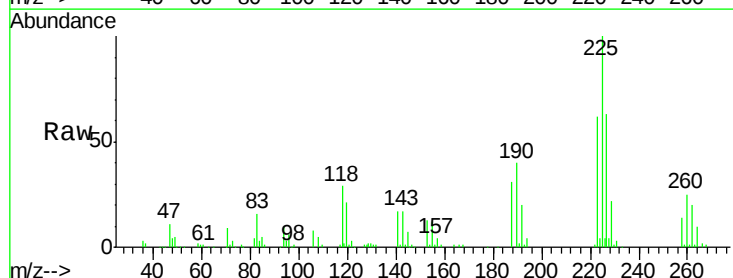
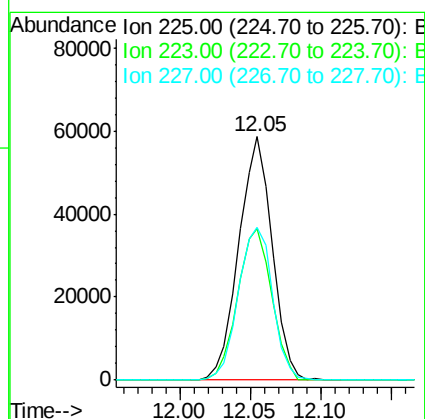
Manual Integrations
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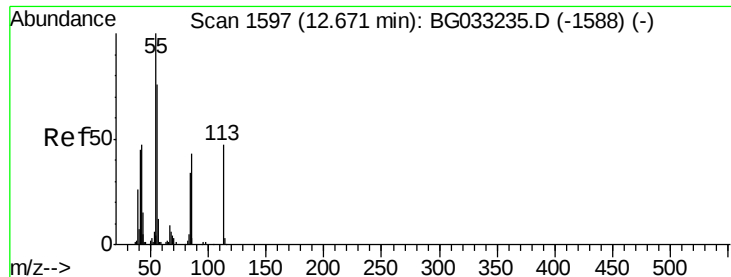
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#34
Hexachlorobutadiene
Concen: 34.294 ng
RT: 12.05 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion:	225	Resp:	96954
Ion Ratio	Lower	Upper	
225	100		
223	62.4	49.7	74.5
227	62.6	48.1	72.1





#35

Caprolactam

Concen: 31.487 ng

RT: 12.63 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

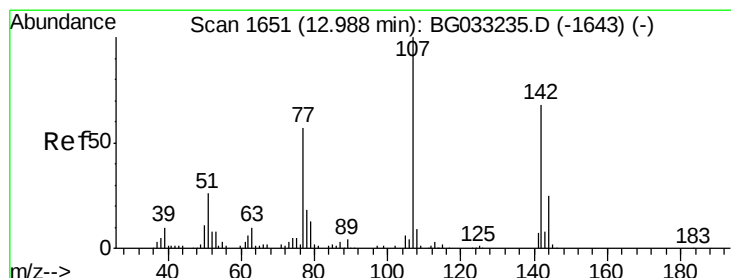
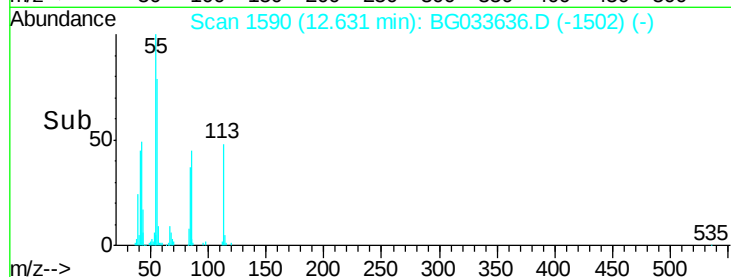
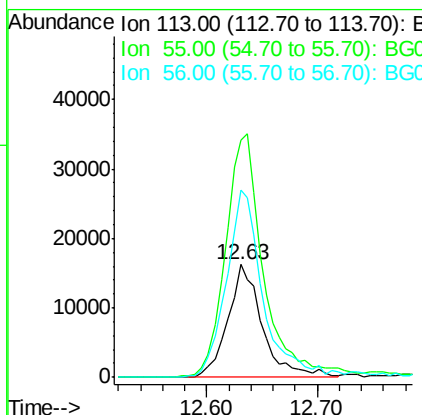
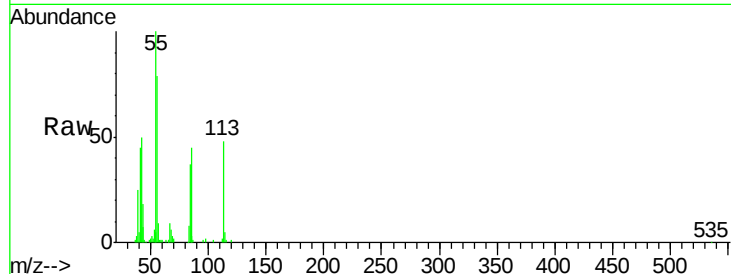
ClientSampleId :

HH-STONEMS

Tot Ion:	113	Resp:	35495
Ion	Ratio	Lower	Upper
113	100		
55	210.2	186.9	226.9
56	165.5	130.9	170.9

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#36

4-Chloro-3-methylphenol

Concen: 46.370 ng

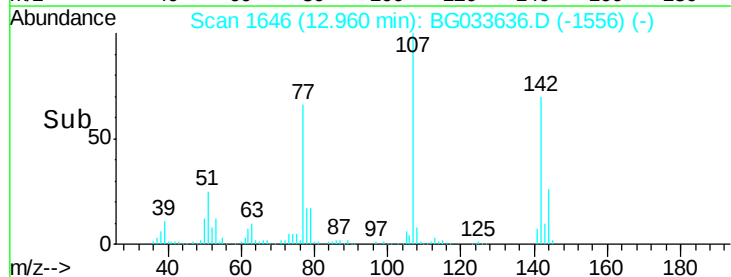
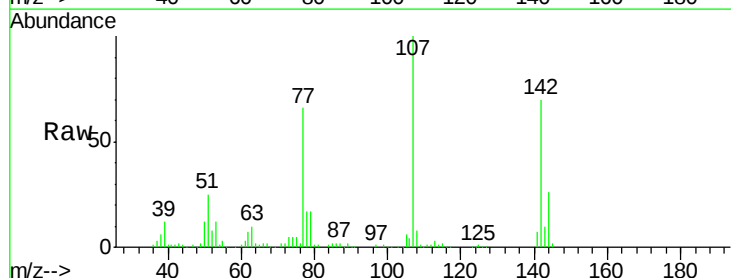
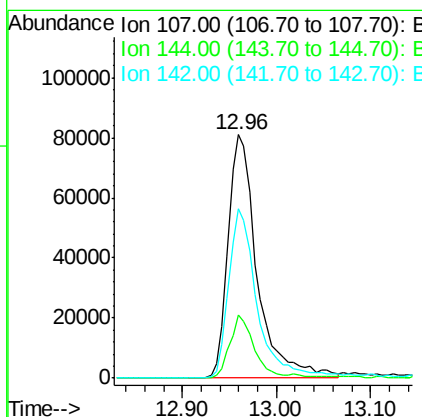
RT: 12.96 min Scan# 1646

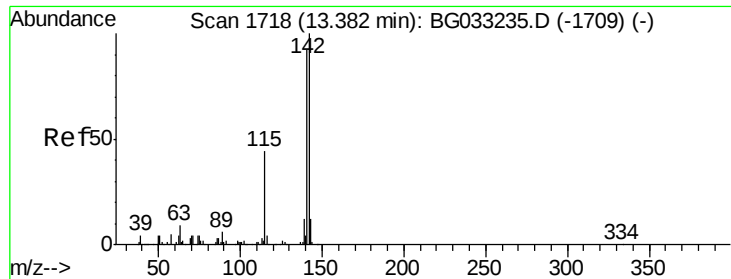
Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Tgt Ion:	107	Resp:	174026
Ion	Ratio	Lower	Upper
107	100		
144	25.7	18.2	27.4
142	69.7	59.0	88.4





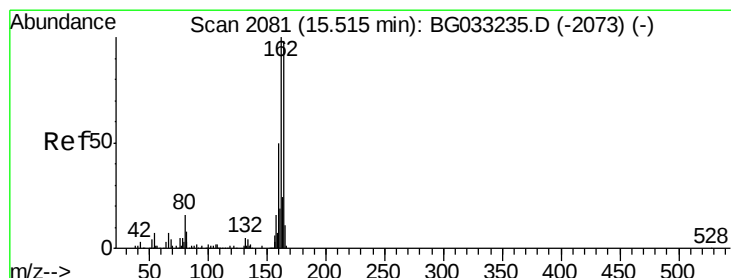
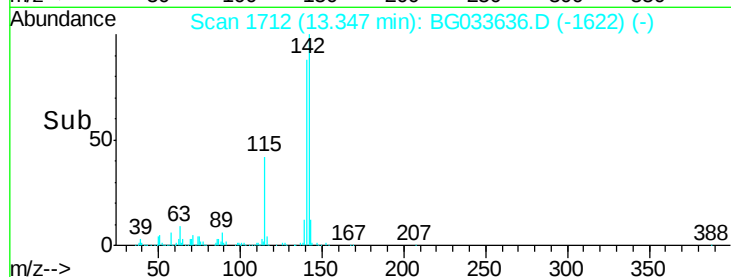
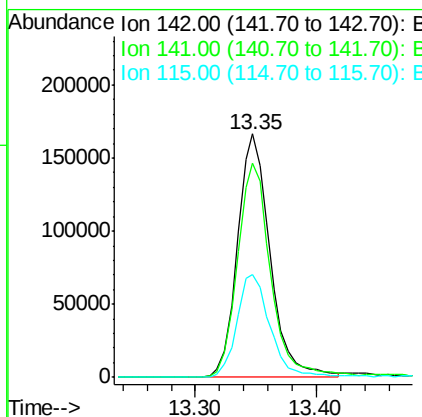
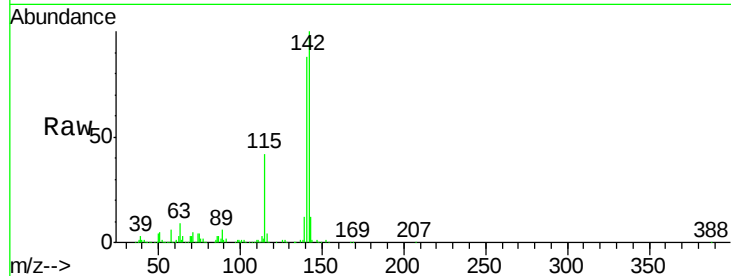
#37
 2-Methylnaphthalene
 Concen: 42.450 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 HH-STONEMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	67.1	100.7
115	42.1	30.7	46.1

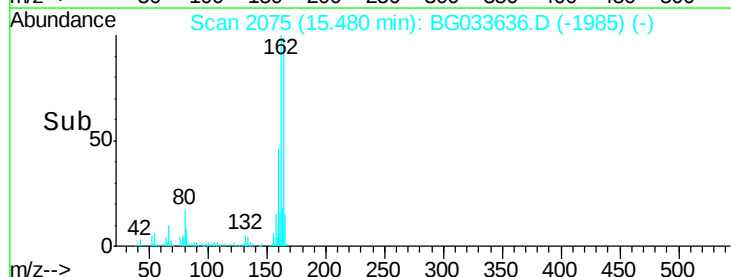
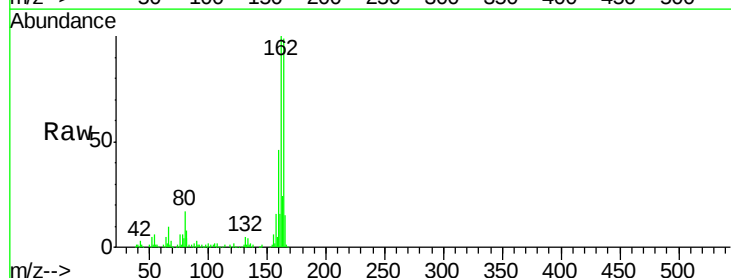
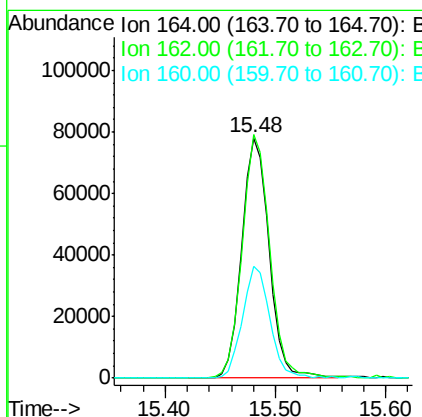
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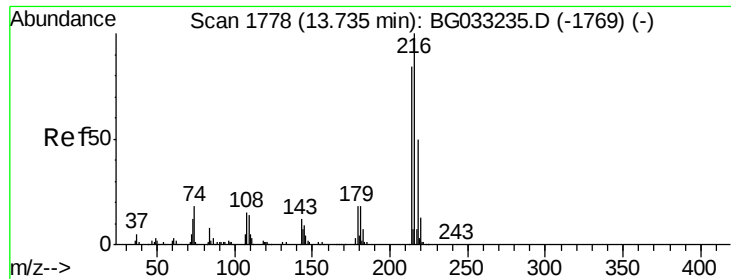
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	46.4	35.4	53.0





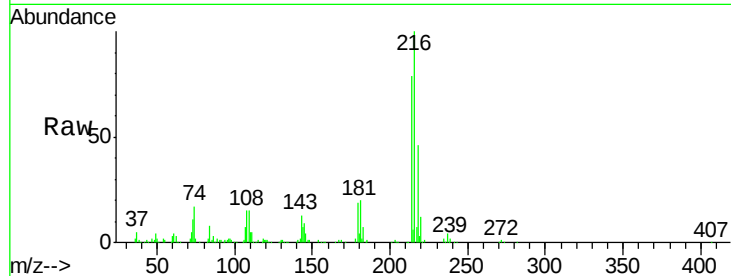
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.049 ng
 RT: 13.70 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 HH-STONEMS

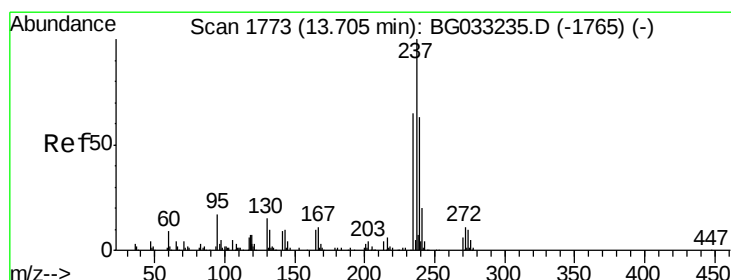
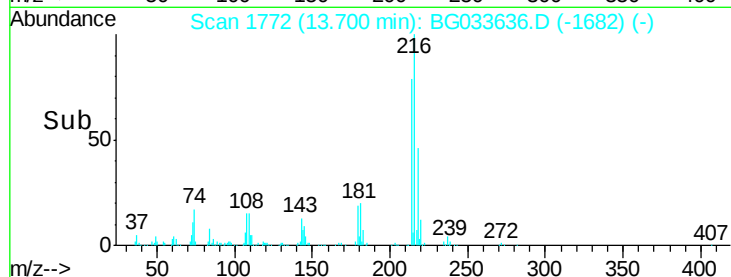
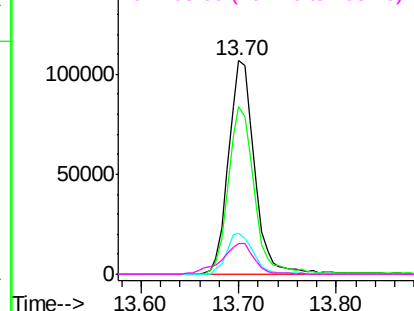
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	77.8		63.0	94.4	
179	19.6		17.0	25.6	
108	18.1		12.8	19.2	

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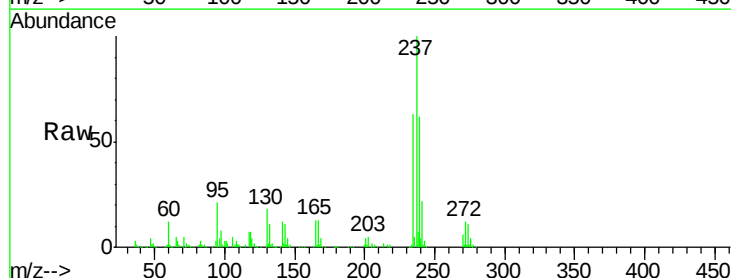


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

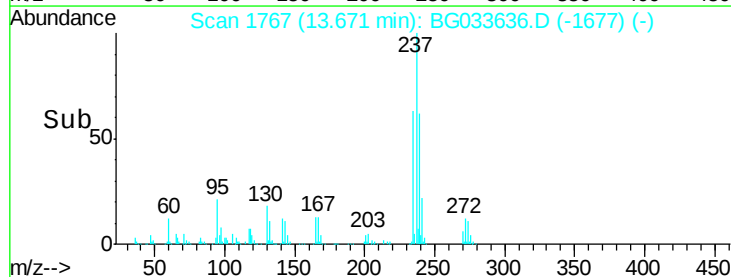
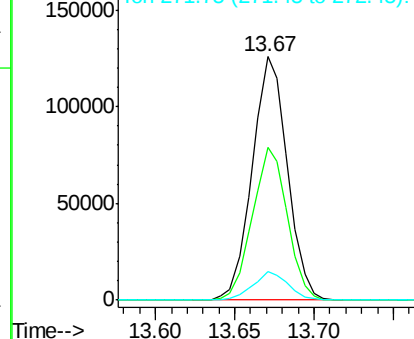


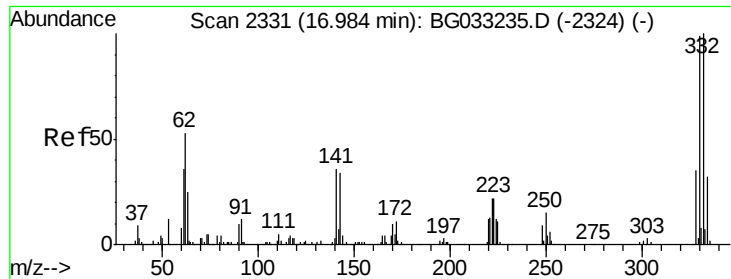
#40
 Hexachlorocyclopentadiene
 Concen: 66.711 ng
 RT: 13.67 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.9		50.4	90.4	
272	11.6		0.0	31.8	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





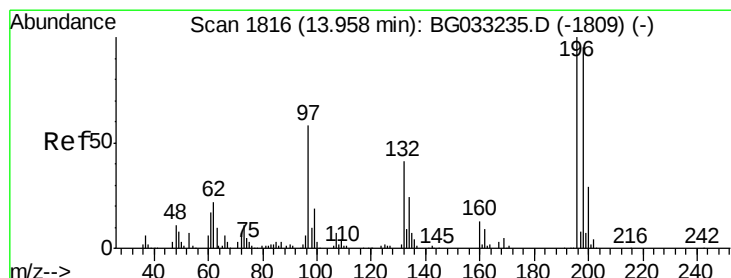
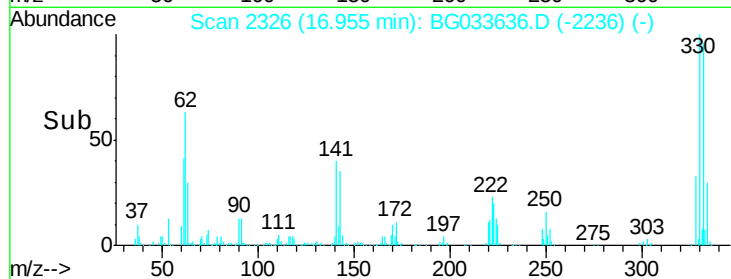
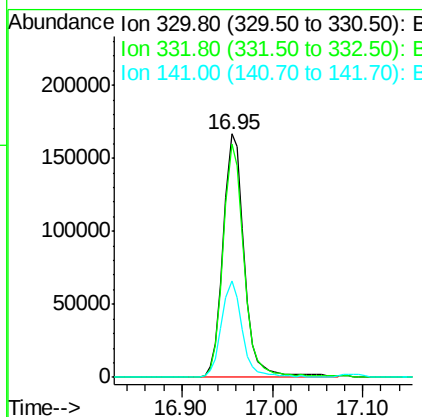
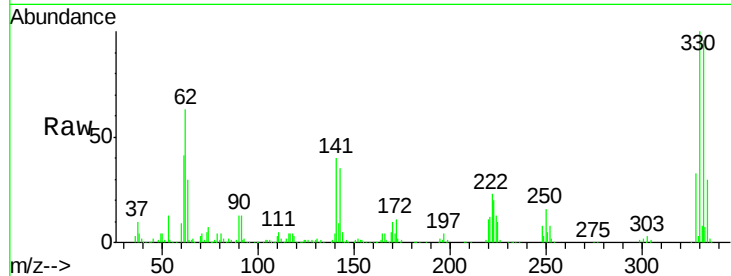
#41
 2,4,6-Tribromophenol
 Concen: 132.129 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 HH-STONEMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	269701		
332	95.1	77.0	115.6	
141	39.2	25.2	37.8	

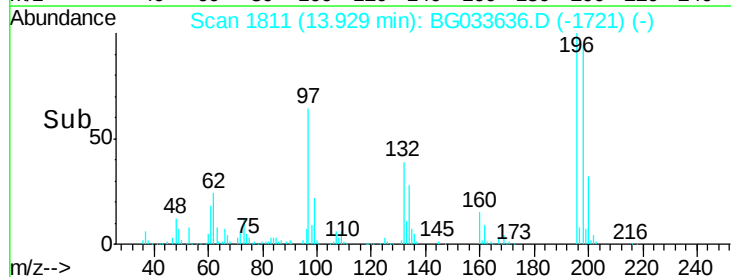
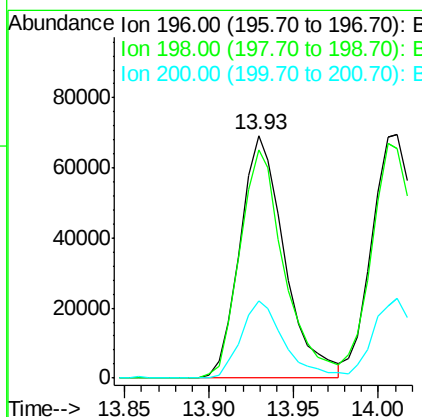
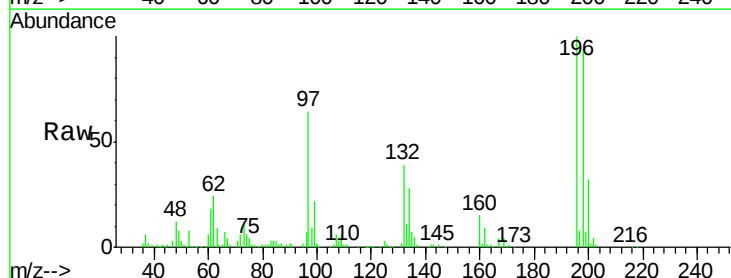
Manual Integrations
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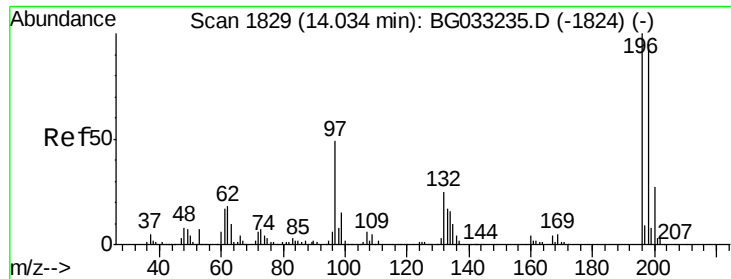
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#42
 2,4,6-Trichlorophenol
 Concen: 44.334 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	127338		
198	94.0	78.2	117.2	
200	31.6	24.6	36.8	





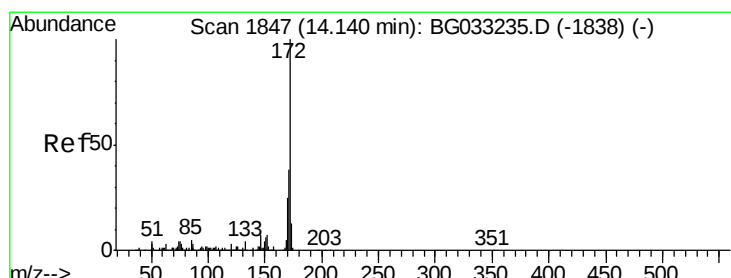
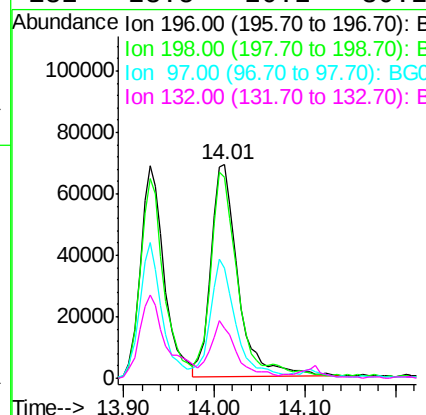
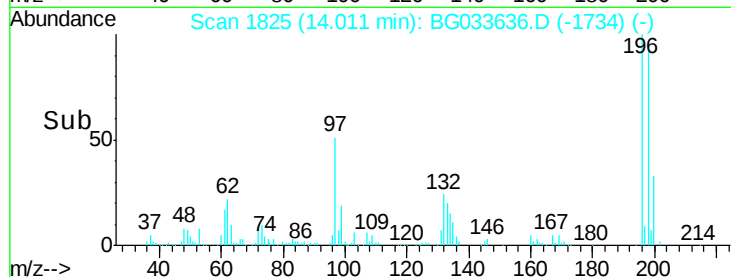
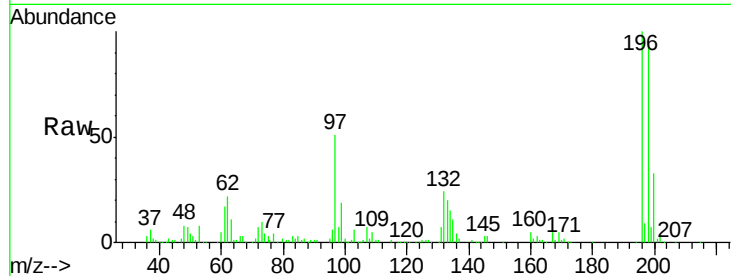
#43
 2,4,5-Trichlorophenol
 Concen: 42.699 ng
 RT: 14.01 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Instrument :
 BNA_G
 ClientSampled :
 HH-STONEMS

Tot Ion:	196	Resp:	144963
Ion Ratio	Lower	Upper	
196	100		
198	94.1	76.2	114.4
97	51.3	38.7	58.1
132	23.5	20.2	30.2

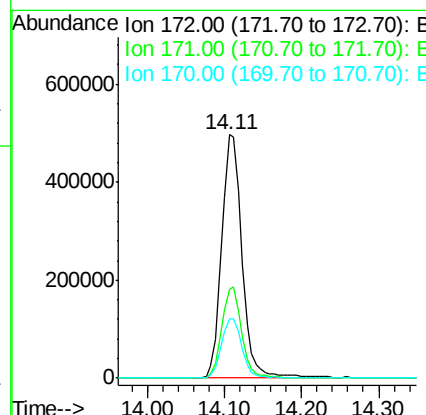
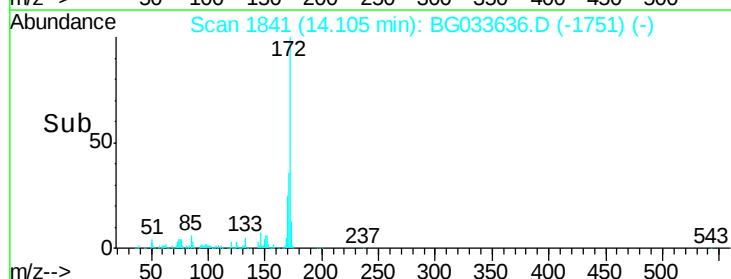
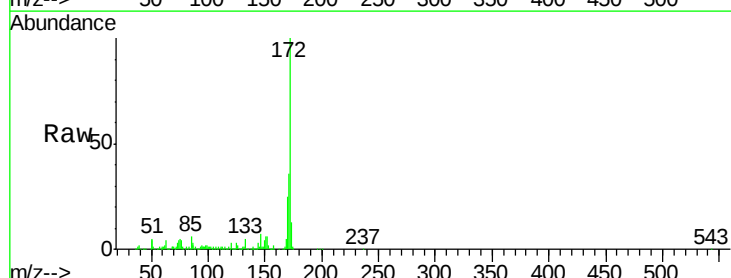
Manual Integrations
 APPROVED

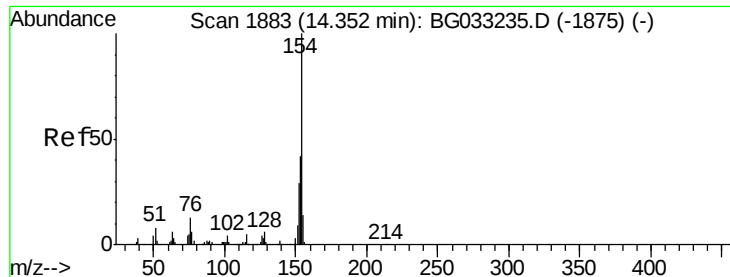
Sohil
 4/9/2018 5:04:09 PM



#44
 2-Fluorobiphenyl
 Concen: 96.123 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion:	172	Resp:	908723
Ion Ratio	Lower	Upper	
172	100		
171	36.5	30.0	45.0
170	24.6	19.5	29.3





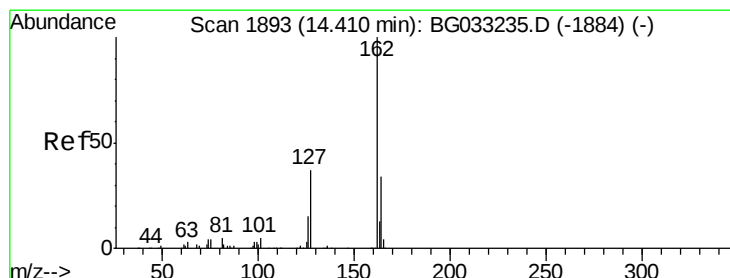
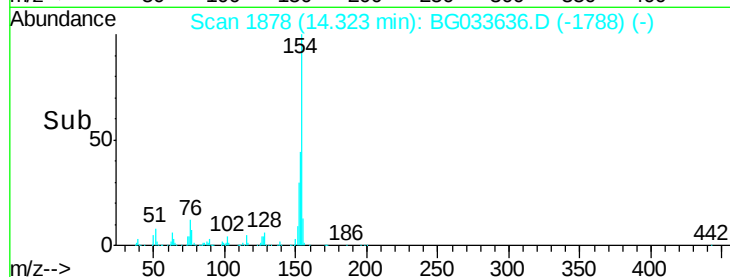
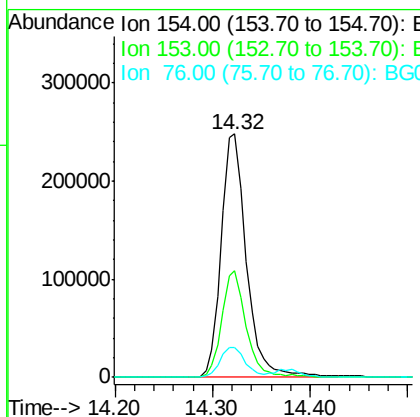
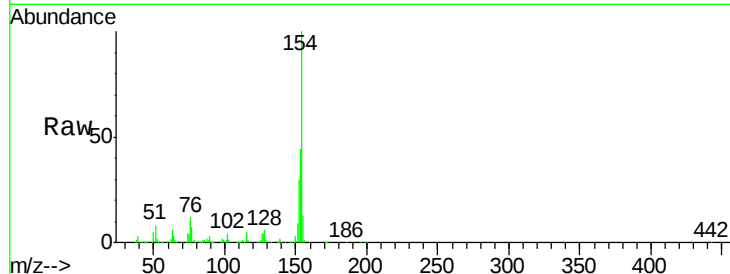
#45
 1,1'-Biphenyl
 Concen: 42.564 ng
 RT: 14.32 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 HH-STONEMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.5	19.8	59.8
76	12.1	0.0	31.9

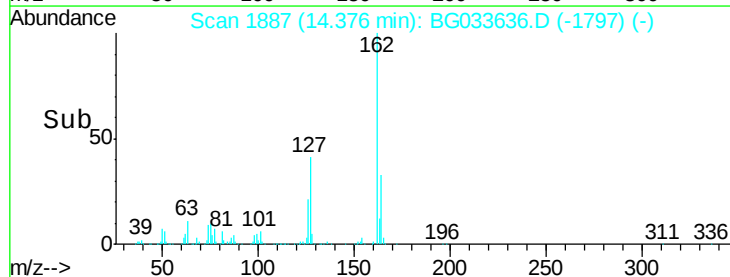
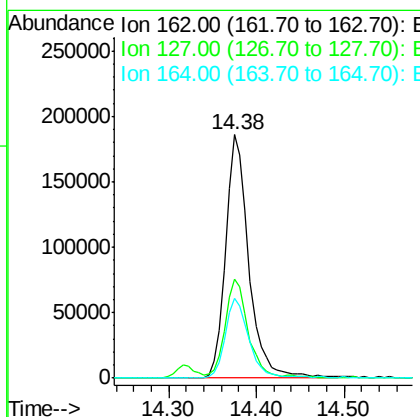
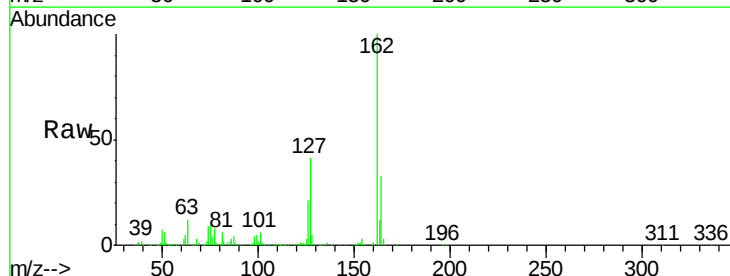
Manual Integrations
 APPROVED

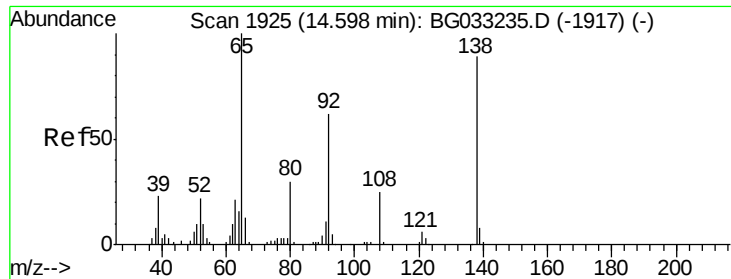
Sohil
 4/9/2018 5:04:09 PM



#46
 2-Chloronaphthalene
 Concen: 42.097 ng
 RT: 14.38 min Scan# 1887
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	30.7	46.1
164	32.7	26.0	39.0





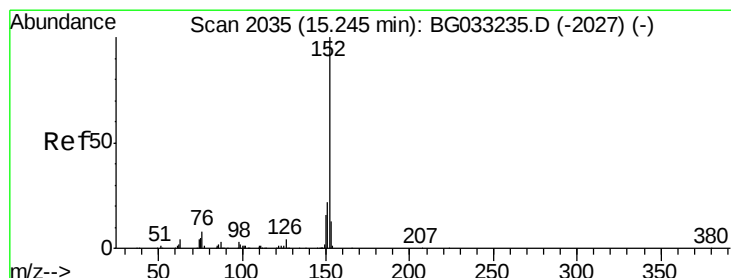
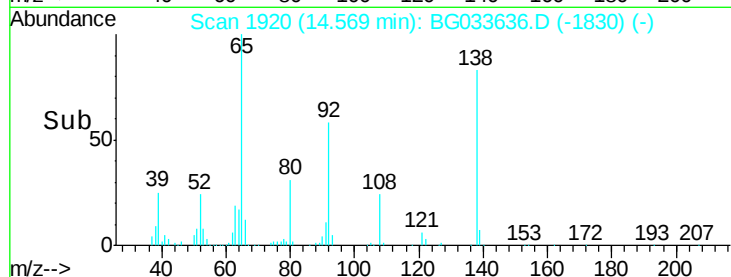
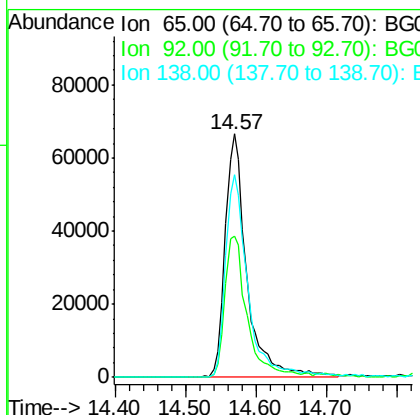
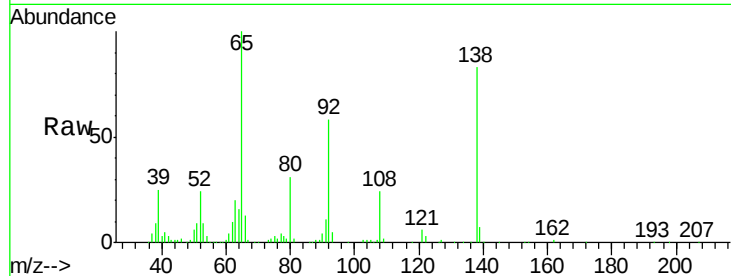
#47
2-Nitroaniline
Concen: 47.066 ng
RT: 14.57 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Instrument :
BNA_G
ClientSampleId :
HH-STONEMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	57.9	54.6	82.0
138	83.0	72.9	109.3

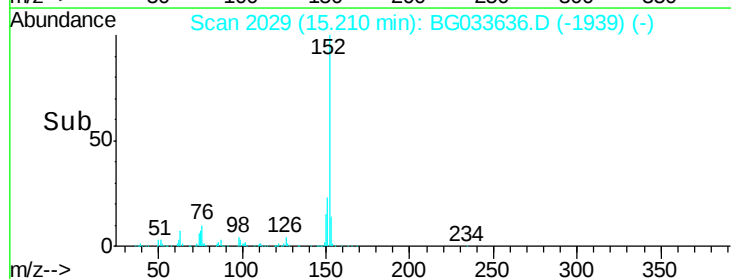
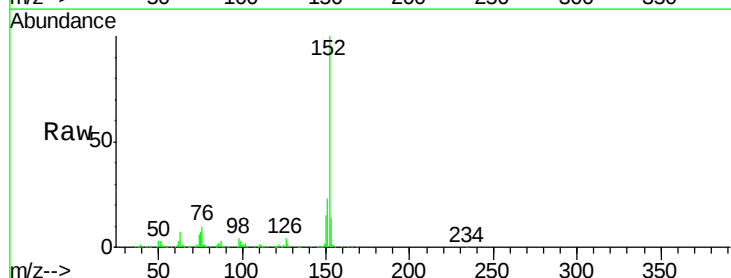
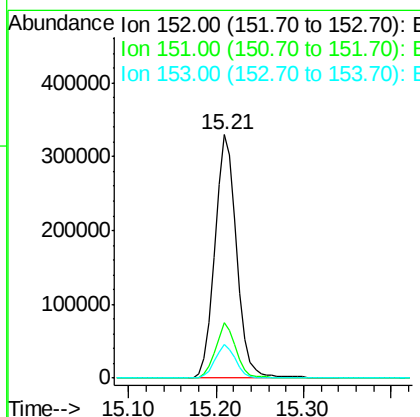
Manual Integrations
APPROVED

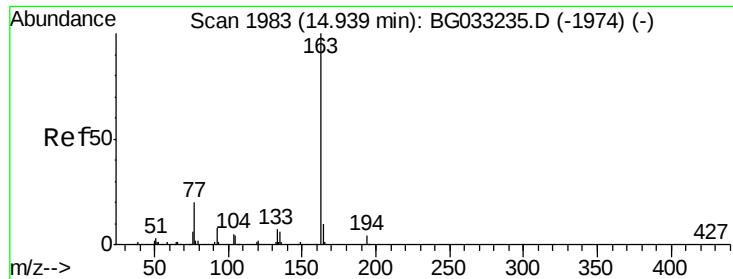
Sohil
4/9/2018 5:04:09 PM



#48
Acenaphthylene
Concen: 42.107 ng
RT: 15.21 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.6	17.2	25.8
153	13.8	10.2	15.4





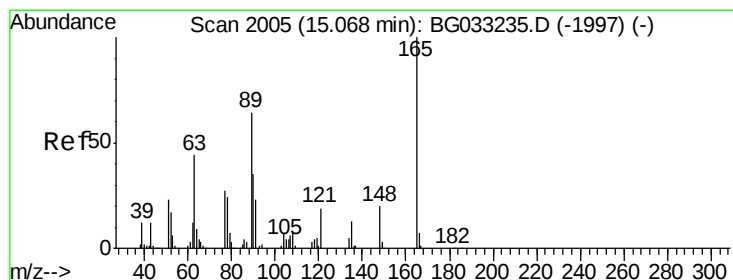
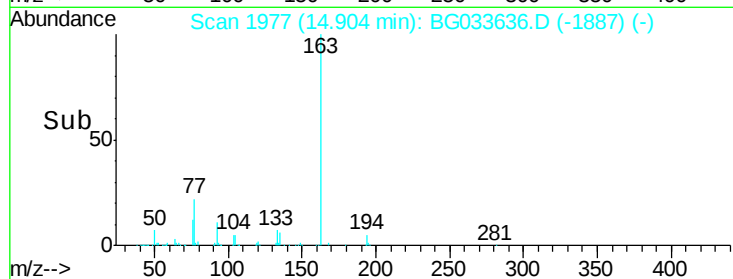
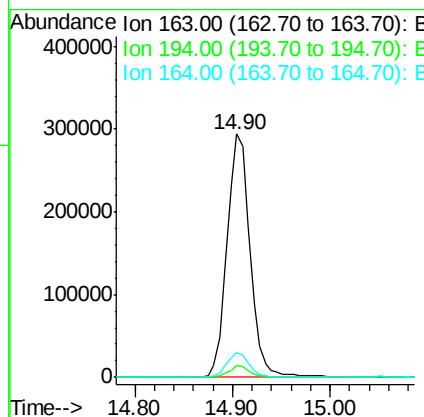
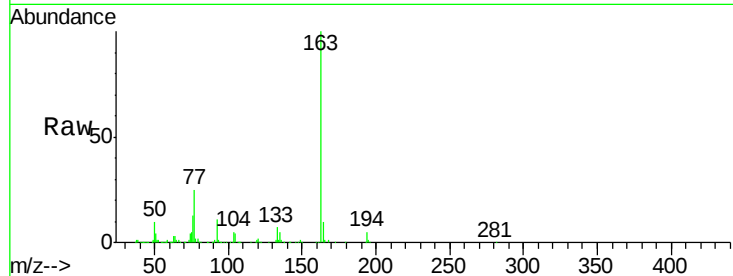
#49
Dimethylphthalate
Concen: 40.644 ng
RT: 14.90 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Instrument :
BNA_G
ClientSampleId :
HH-STONEMS

Tot Ion:163	Resp:	482735
Ion Ratio	Lower	Upper
163	100	
194	4.7	3.4 5.2
164	10.3	8.2 12.4

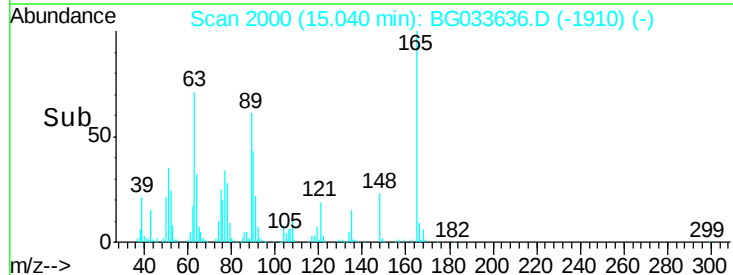
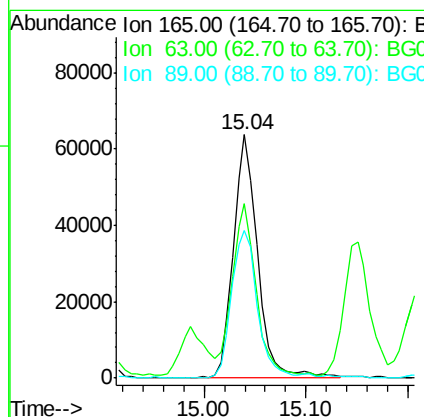
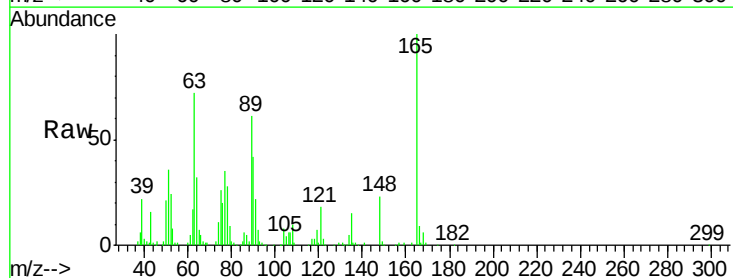
Manual Integrations
APPROVED

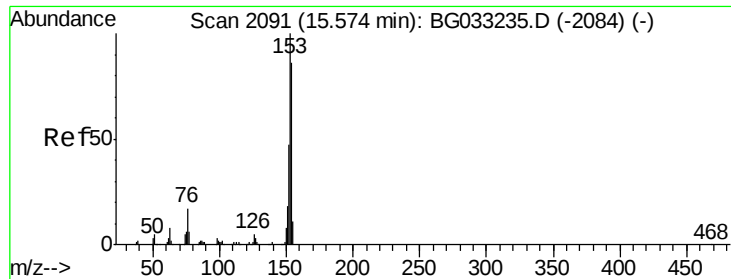
Sohil
4/9/2018 5:04:09 PM



#50
2,6-Dinitrotoluene
Concen: 43.737 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion:165	Resp:	106218
Ion Ratio	Lower	Upper
165	100	
63	71.8	52.7 79.1
89	60.6	49.2 73.8





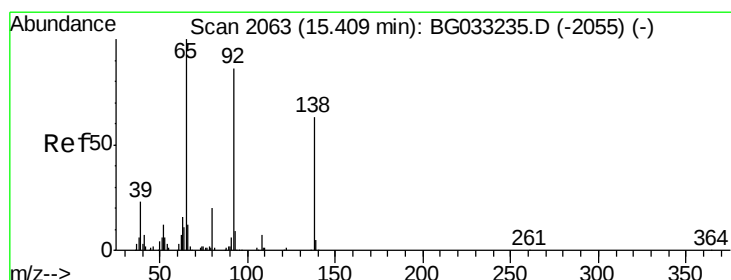
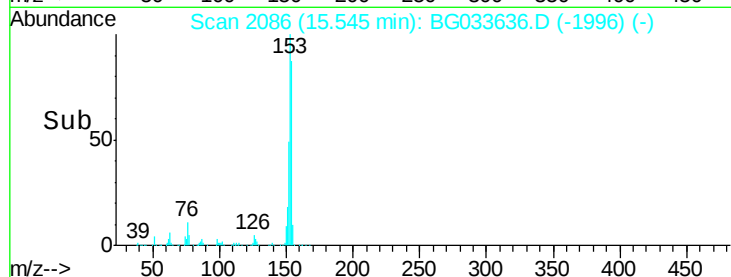
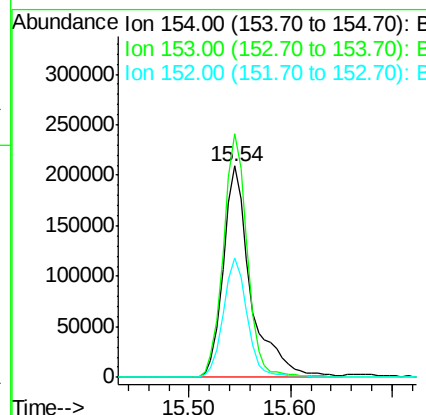
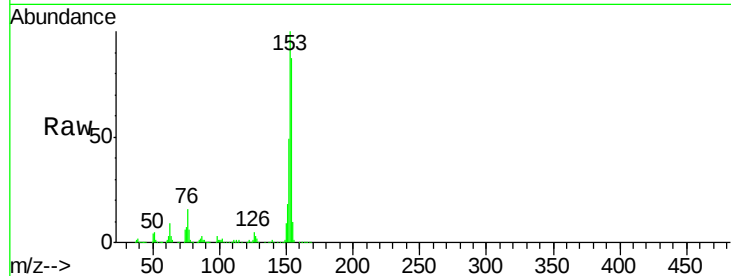
#51
Acenaphthene
Concen: 45.694 ng
RT: 15.54 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Instrument :
BNA_G
ClientSampleId :
HH-STONEMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.3	90.4	135.6
152	56.4	41.6	62.4

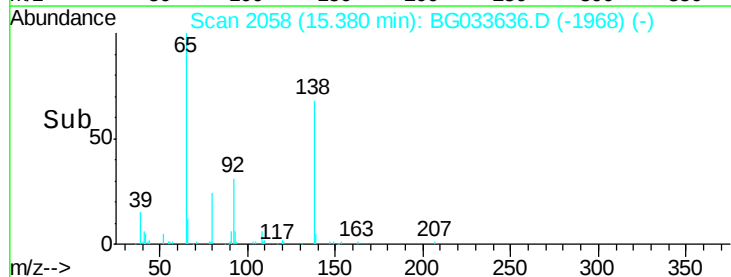
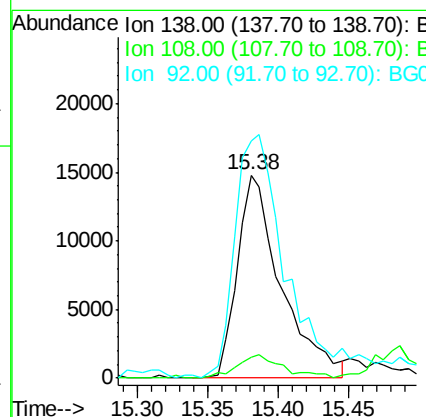
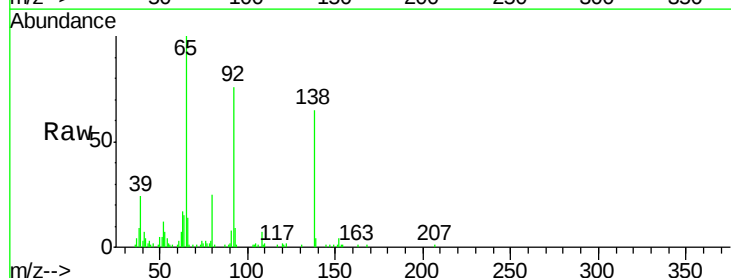
Manual Integrations
APPROVED

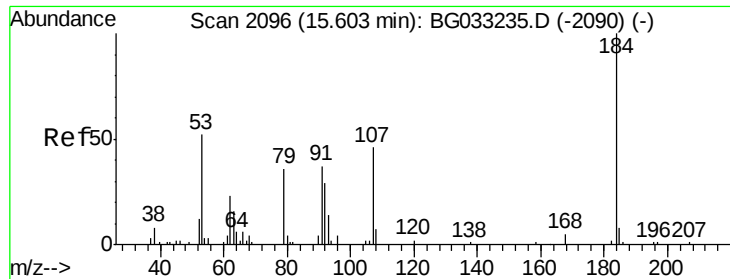
Sohil
4/9/2018 5:04:09 PM



#52
3-Nitroaniline
Concen: 12.602 ng
RT: 15.38 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	17.5	26.3#
92	117.0	105.8	158.8





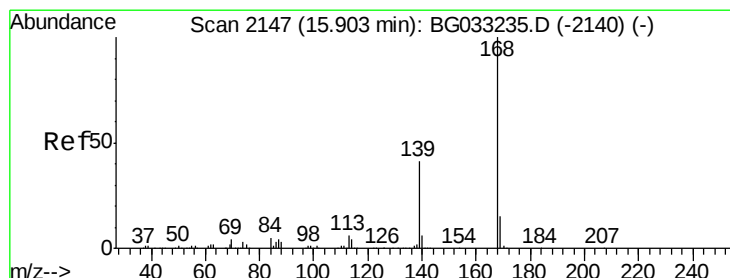
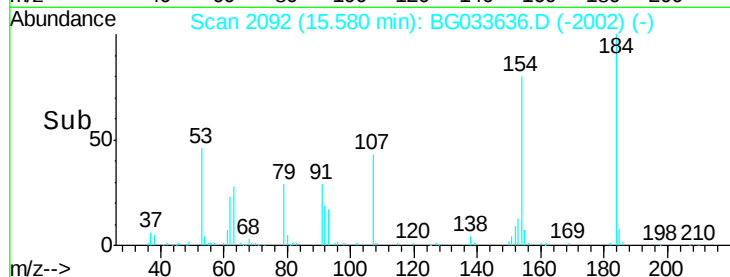
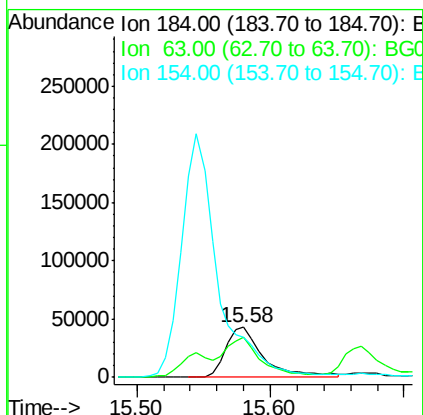
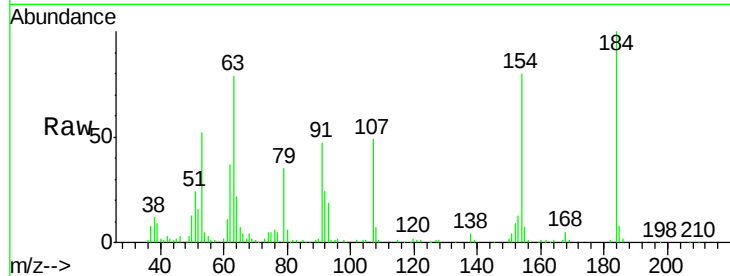
#53
2,4-Dinitrophenol
Concen: 69.342 ng
RT: 15.58 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Instrument :
BNA_G
ClientSampleId :
HH-STONEMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	79.3	59.8	89.8
154	79.6	101.8	152.8#

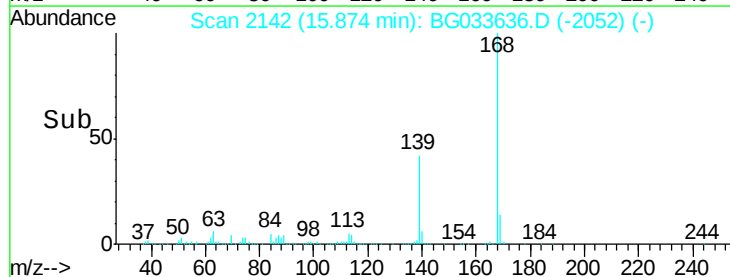
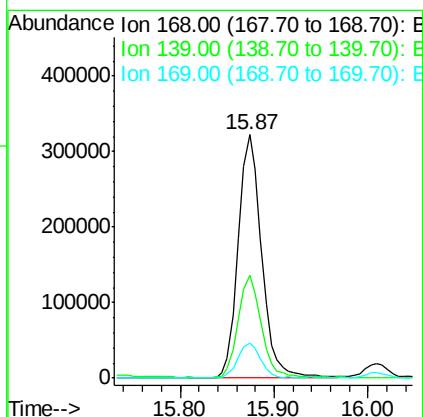
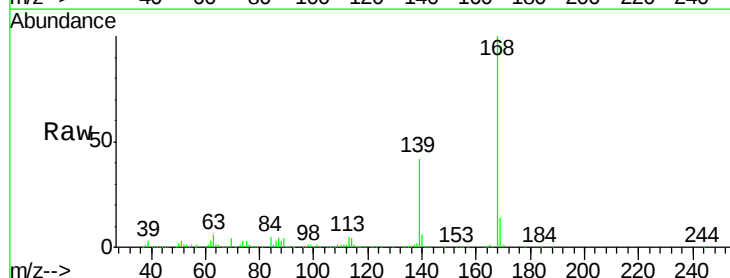
Manual Integrations
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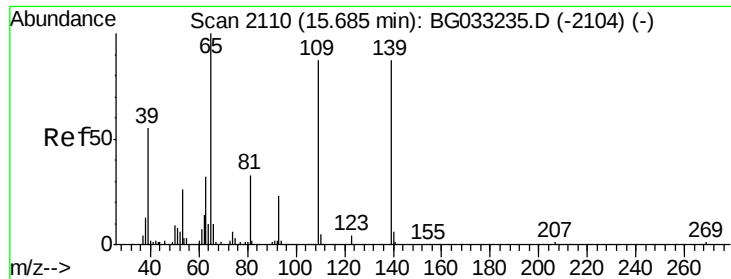
Sohil
4/9/2018 5:04:09 PM



#54
Dibenzofuran
Concen: 43.483 ng
RT: 15.87 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.4	28.6	43.0
169	14.5	11.2	16.8





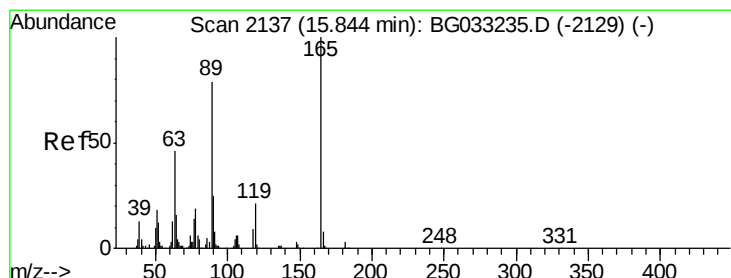
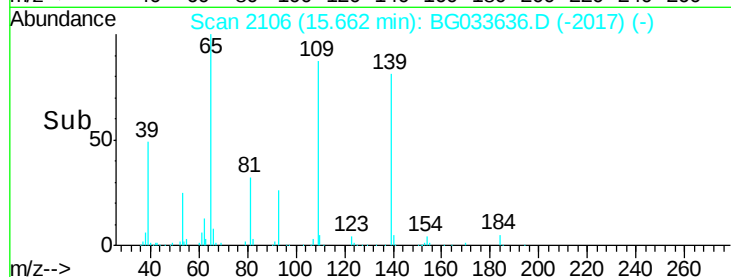
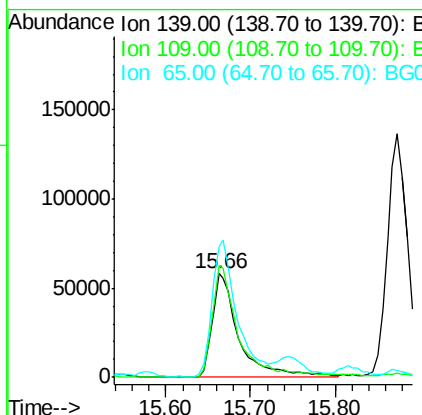
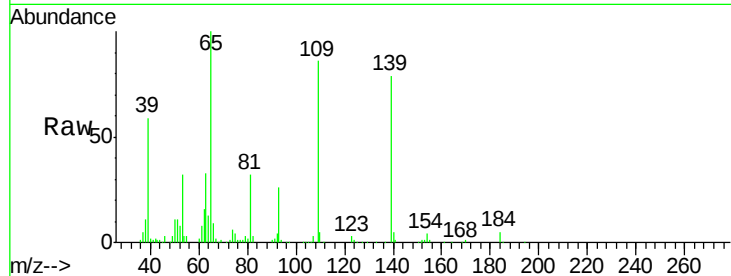
#55
4-Nitrophenol
Concen: 72.710 ng
RT: 15.66 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Instrument :
BNA_G
ClientSampleId :
HH-STONEMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	108.3	62.2	102.2#	
65	126.3	97.2	137.2	

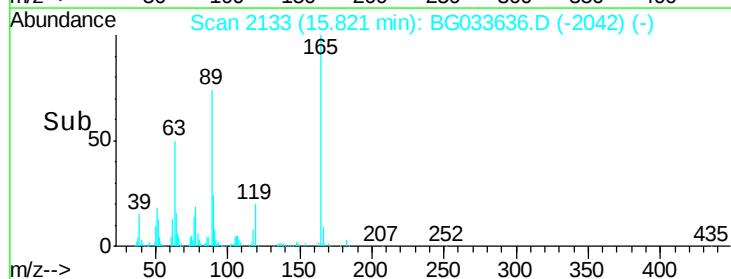
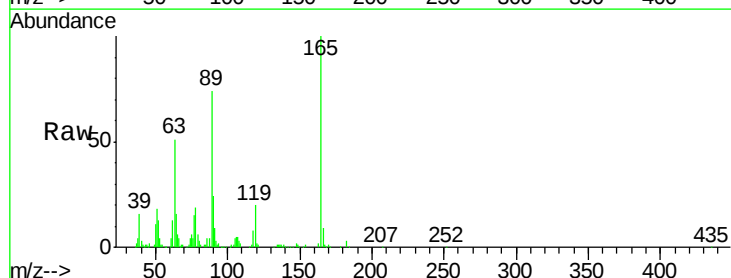
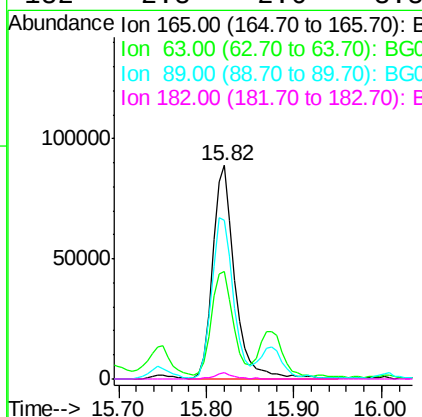
Manual Integrations
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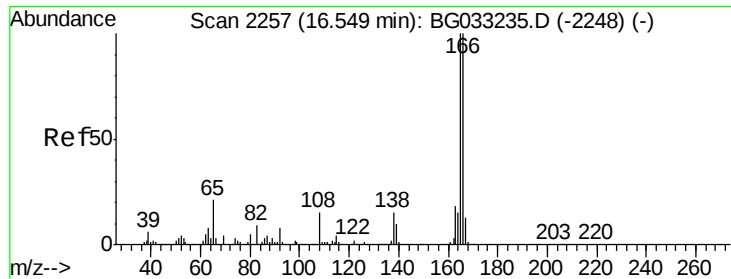
Sohil
4/9/2018 5:04:09 PM



#56
2,4-Dinitrotoluene
Concen: 43.984 ng
RT: 15.82 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.5	42.0	63.0	
89	74.2	66.9	100.3	
182	2.8	2.6	3.8	





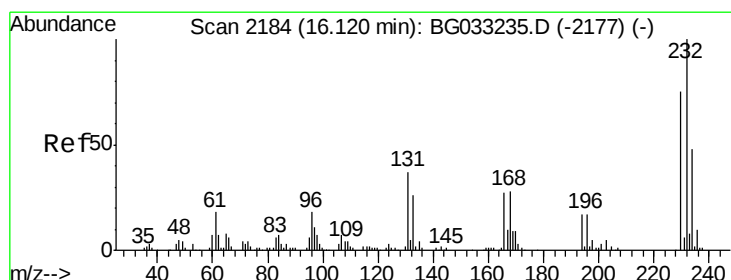
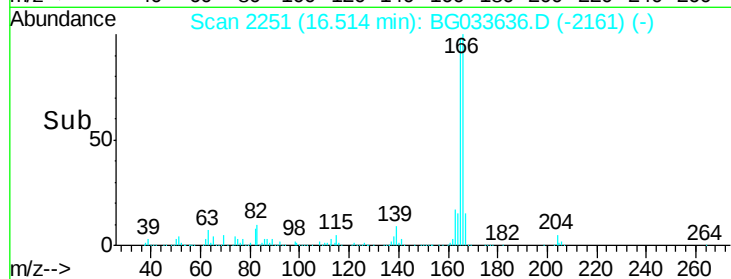
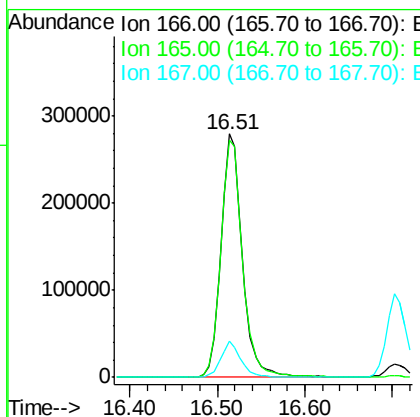
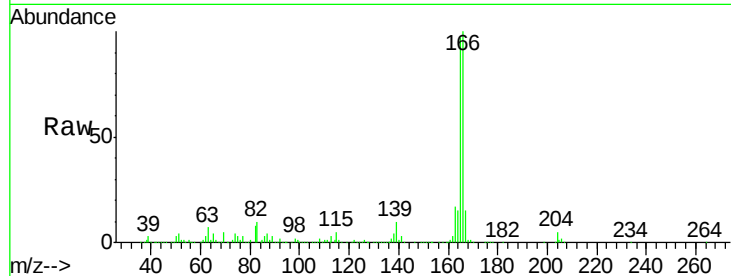
#57
 Fluorene
 Concen: 42.889 ng
 RT: 16.51 min Scan# 2251
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 HH-STONEMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		469522		
165	97.3	80.6	121.0		
167	14.8	10.4	15.6		

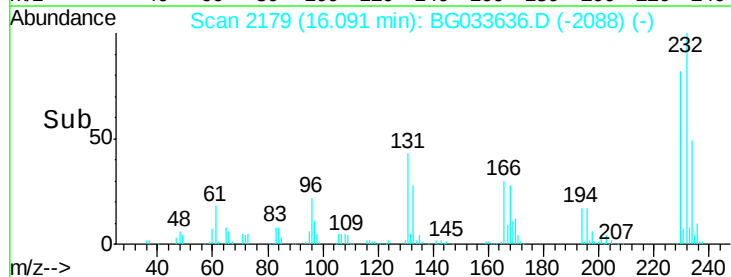
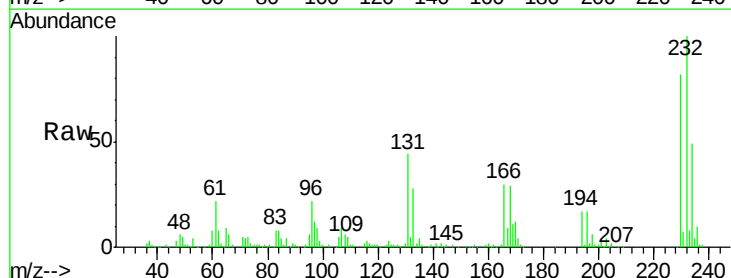
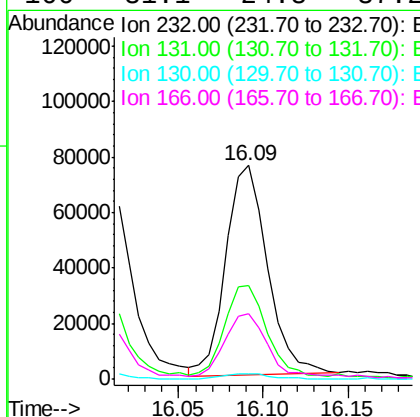
Manual Integrations
 APPROVED

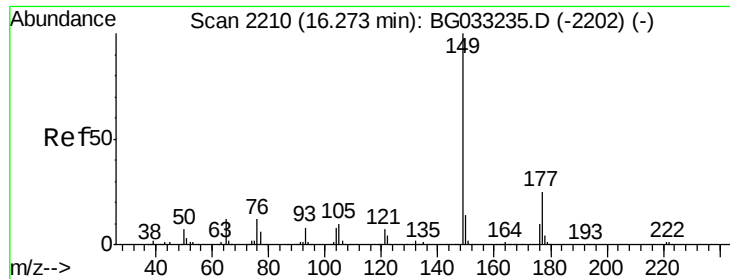
Sohil
 4/9/2018 5:04:09 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.613 ng
 RT: 16.09 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100		129804		
131	43.9	33.5	50.3		
130	2.7	2.2	3.2		
166	31.1	24.8	37.2		





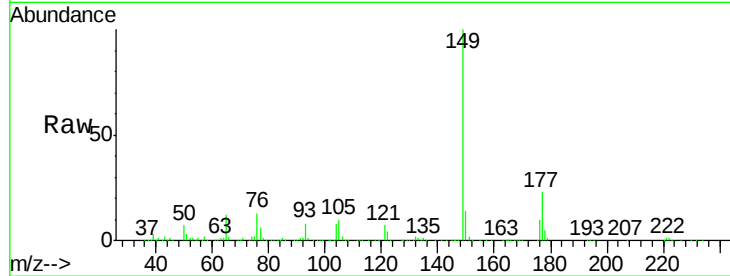
#59
Diethylphthalate
Concen: 42.708 ng
RT: 16.24 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Instrument :
BNA_G
ClientSampleId :
HH-STONEMS

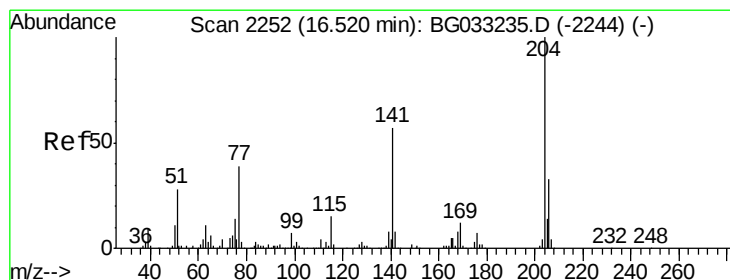
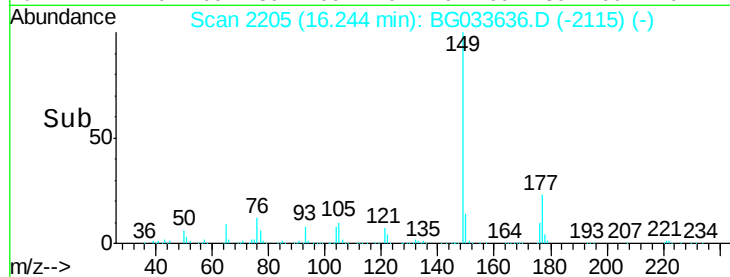
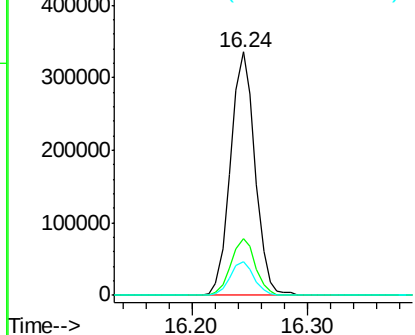
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.5	27.7
150	14.1	10.2	15.2

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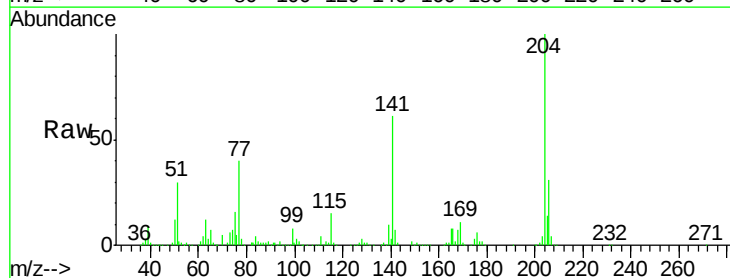


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

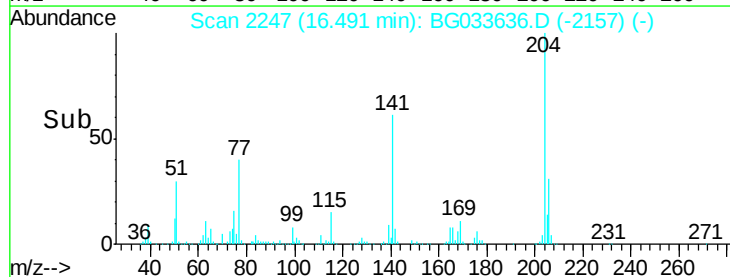
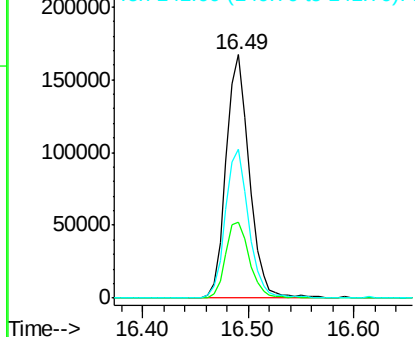


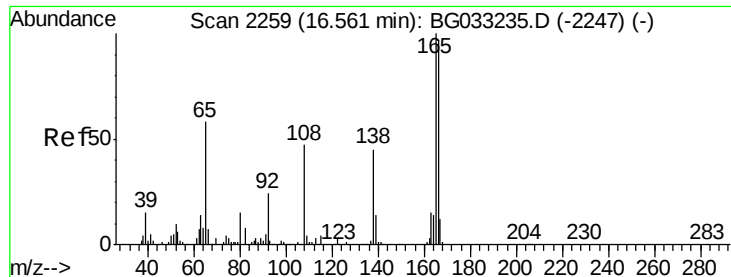
#60
4-Chlorophenyl-phenylether
Concen: 40.551 ng
RT: 16.49 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.0	26.2	39.2
141	61.1	45.8	68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.001 ng

RT: 16.53 min Scan# 2254

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

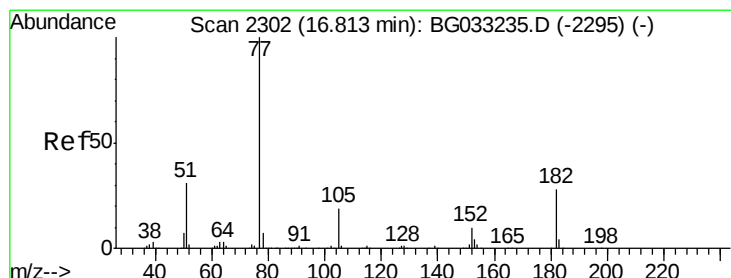
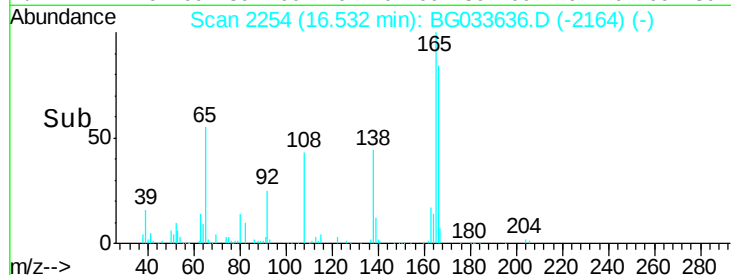
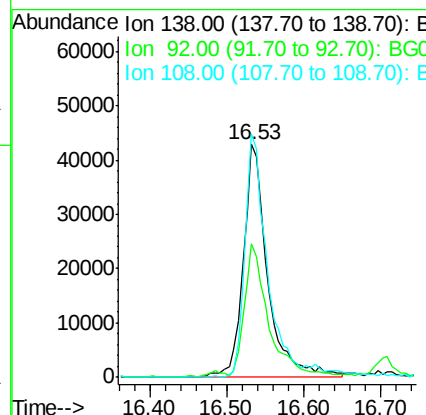
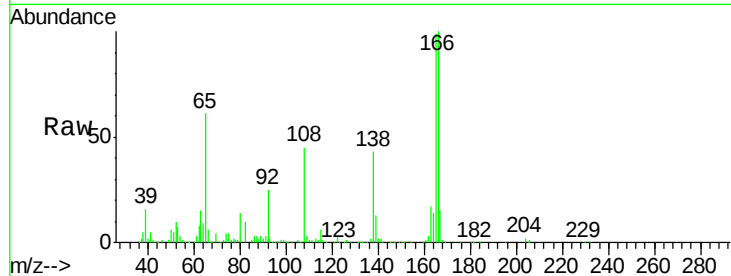
ClientSampleId :

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Tot Ion:	138	Resp:	95403
Ion Ratio	Lower	Upper	
138	100		
92	57.3	40.1	80.1
108	104.6	65.4	105.4

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#62

Azobenzene

Concen: 45.549 ng

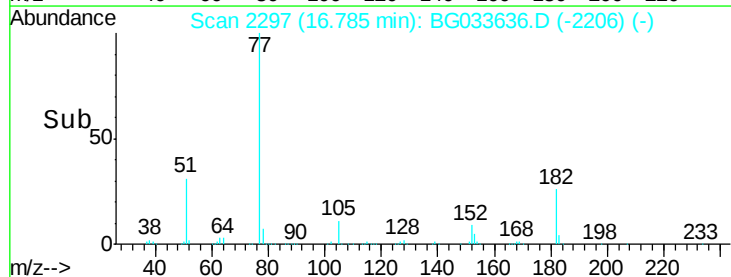
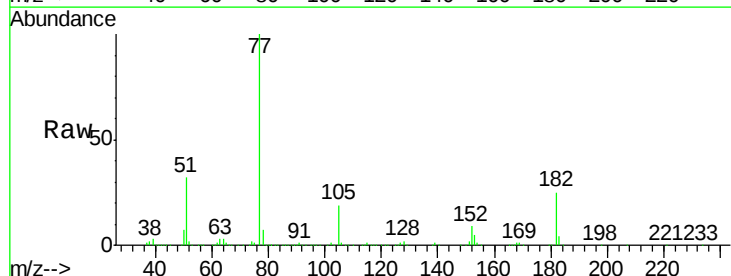
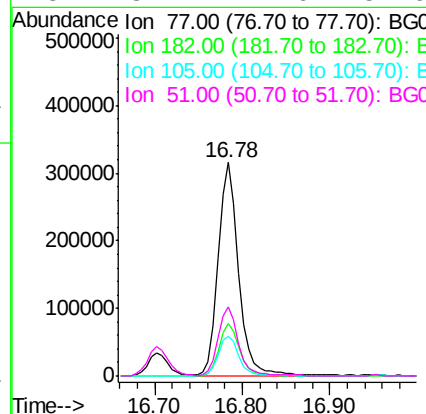
RT: 16.78 min Scan# 2297

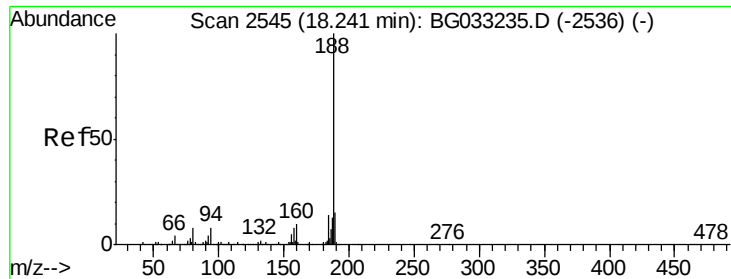
Delta R.T. 0.01 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Tgt Ion:	77	Resp:	508876
Ion Ratio	Lower	Upper	
77	100		
182	24.5	7.4	47.4
105	18.8	0.3	40.3
51	32.1	11.6	51.6





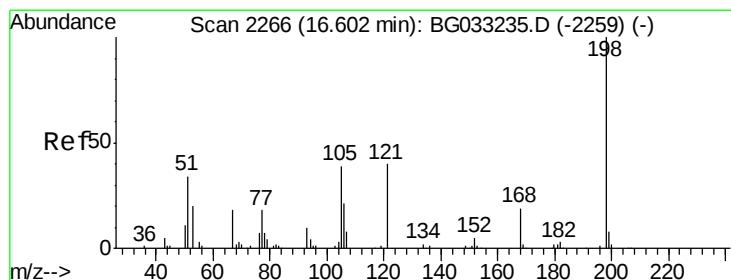
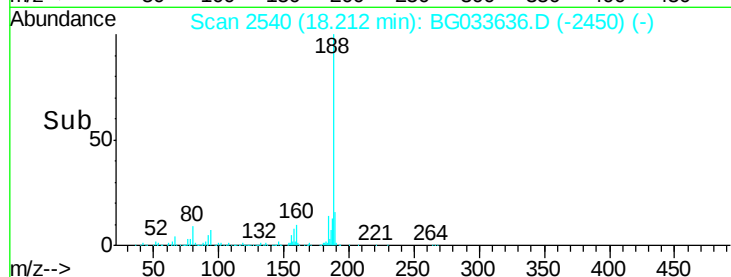
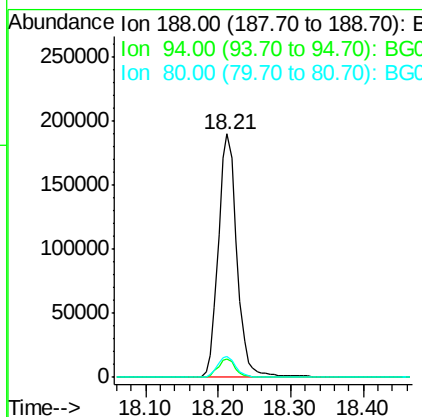
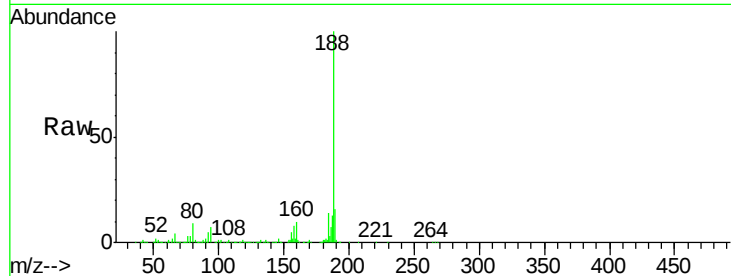
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Instrument :
BNA_G
ClientSampleId :
HH-STONEMS

Tot Ion:	188	Resp:	339460
Ion Ratio	Lower	Upper	
188	100		
94	7.5	6.9	10.3
80	8.6	7.7	11.5

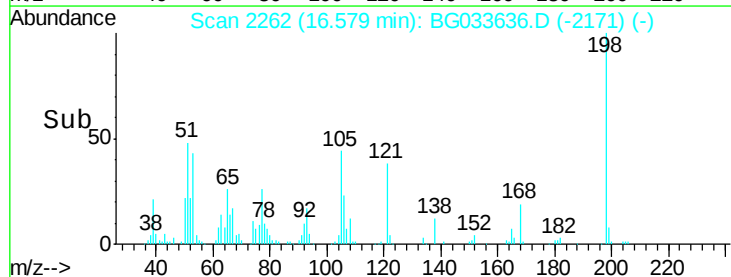
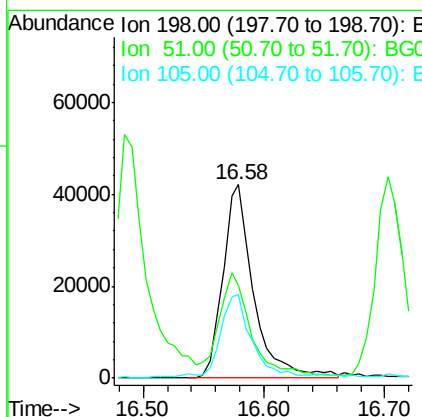
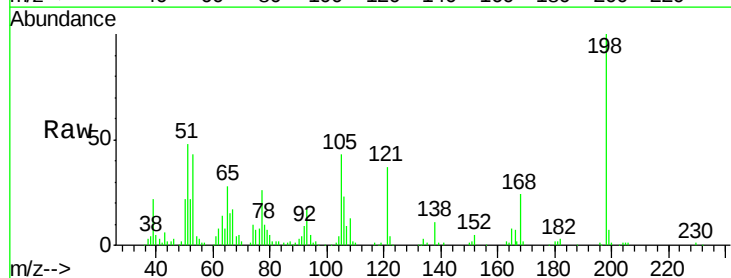
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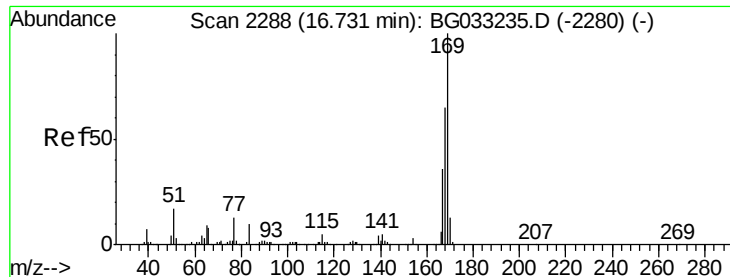
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.329 ng
RT: 16.58 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion:	198	Resp:	73775
Ion Ratio	Lower	Upper	
198	100		
51	48.1	30.6	70.6
105	43.5	23.8	63.8





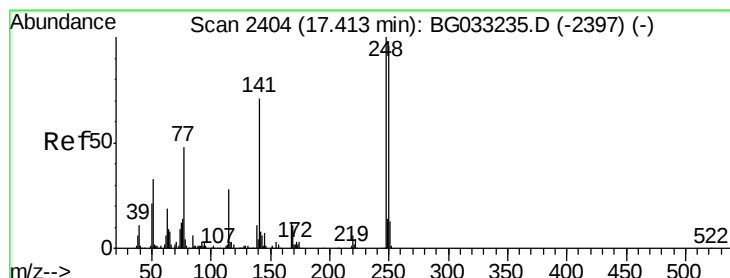
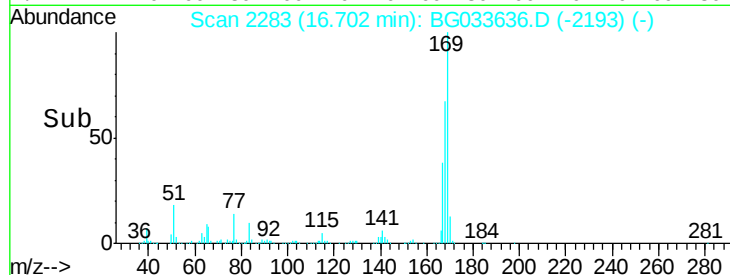
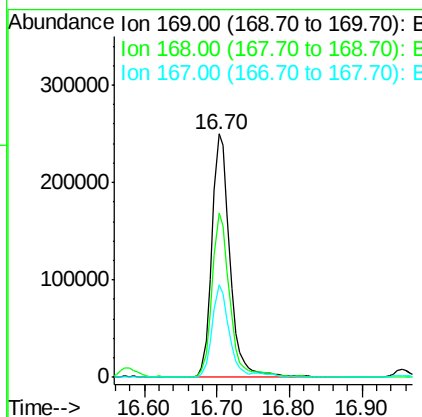
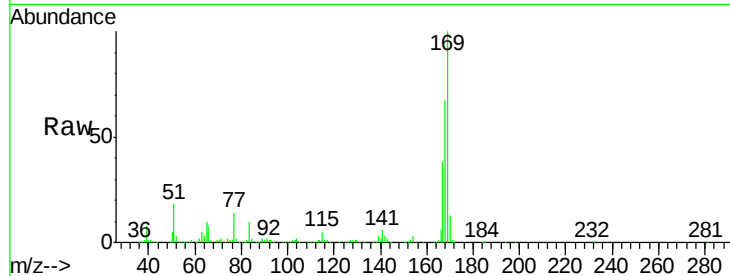
#65
 n-Nitrosodiphenylamine
 Concen: 44.580 ng
 RT: 16.70 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 HH-STONEMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	432026		
168	67.4		55.7	83.5
167	38.2		30.1	45.1

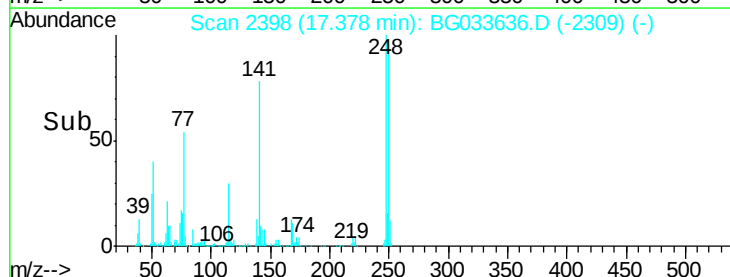
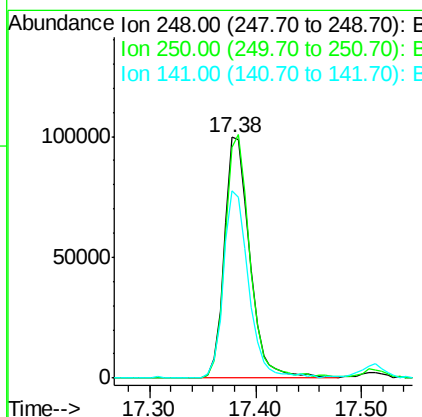
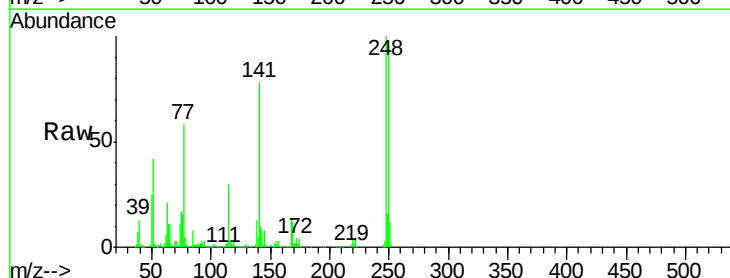
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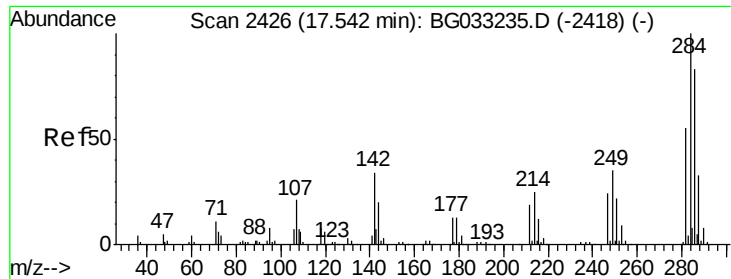
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#66
 4-Bromophenyl-phenylether
 Concen: 41.655 ng
 RT: 17.38 min Scan# 2398
 Delta R.T. -0.01 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	166064		
250	95.7		77.1	115.7
141	77.9		50.8	76.2#





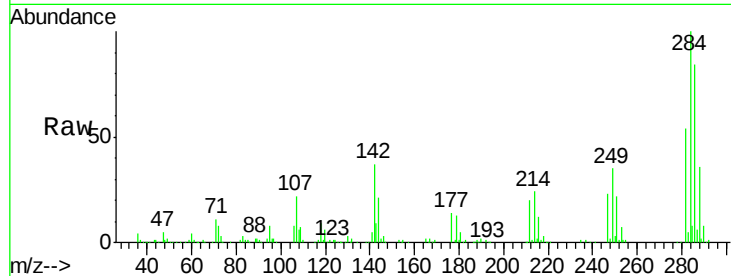
#67
Hexachlorobenzene
Concen: 40.228 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Instrument :
BNA_G
ClientSampleId :
HH-STONEMS

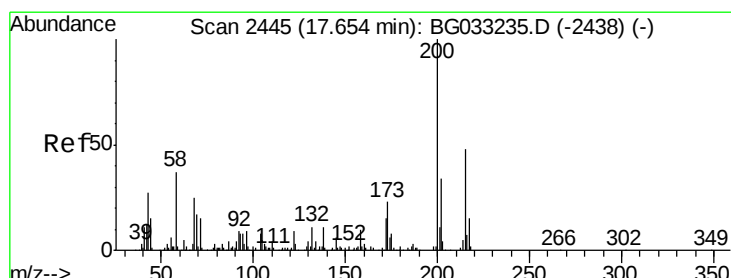
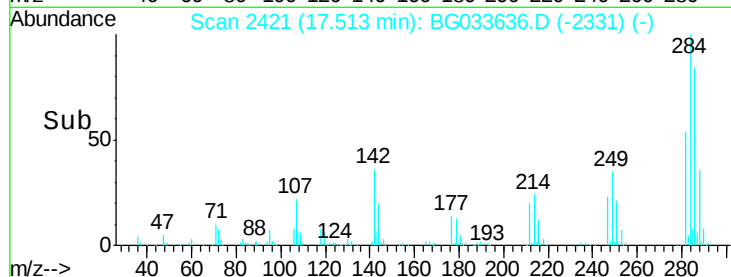
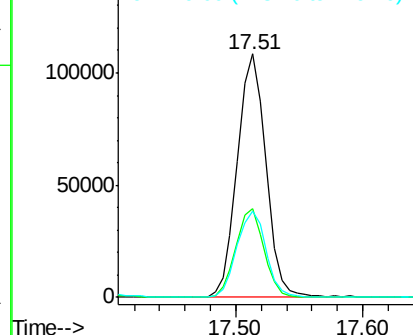
Tot Ion	Ratio	Resp	Lower	Upper
284	100	169253		
142	36.7	26.8	40.2	
249	35.2	26.3	39.5	

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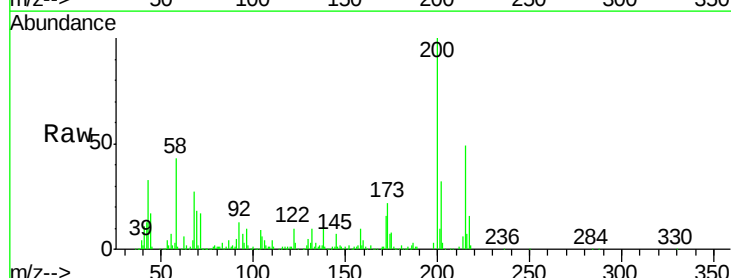


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

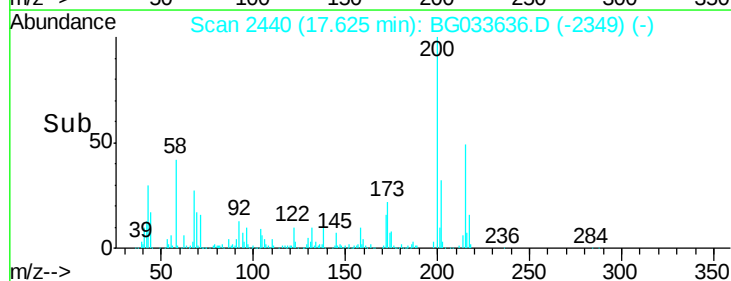
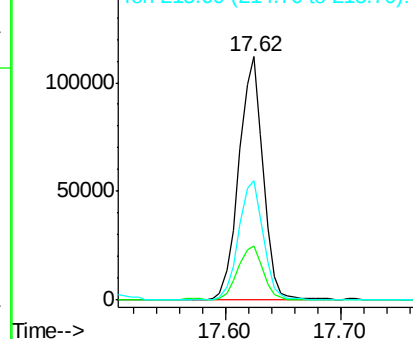


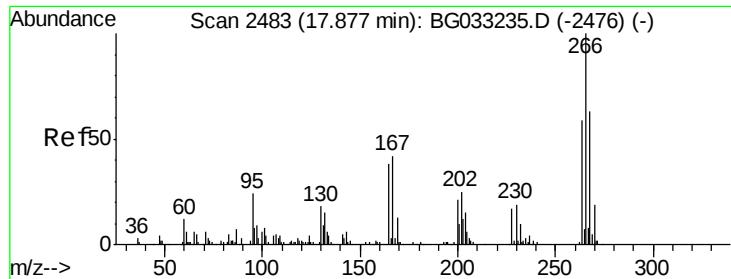
#68
Atrazine
Concen: 41.191 ng
RT: 17.62 min Scan# 2440
Delta R.T. 0.01 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	161758		
173	22.5	5.2	45.2	
215	49.0	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





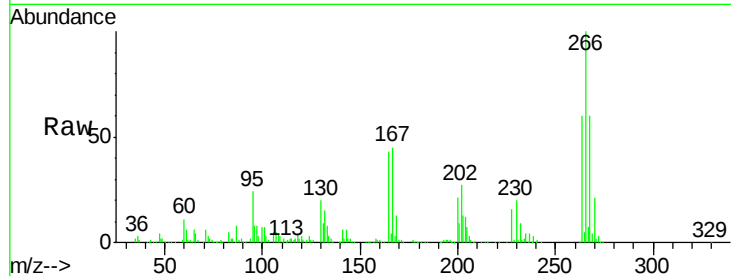
#69
 Pentachlorophenol
 Concen: 67.023 ng
 RT: 17.85 min Scan# 2479
 Delta R.T. 0.01 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 HH-STONEMS

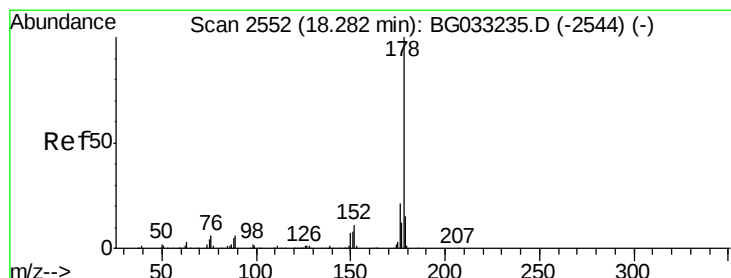
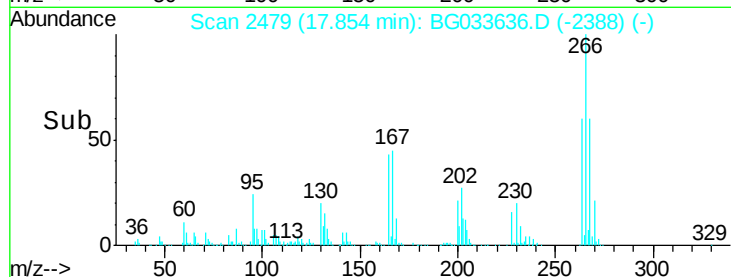
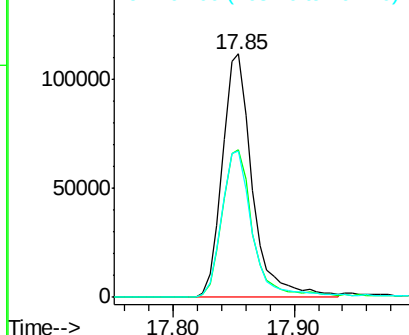
Tot Ion	Ratio	Resp	Lower	Upper
266	100	193545		
268	60.4	51.1	76.7	
264	60.0	49.6	74.4	

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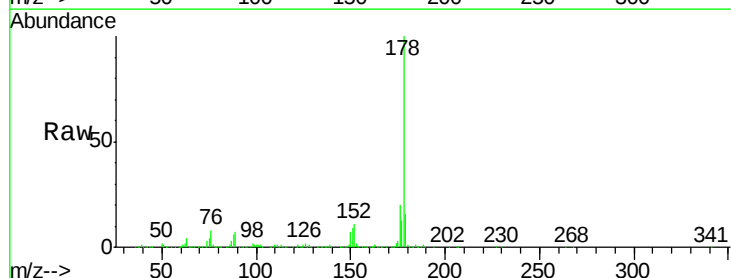


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

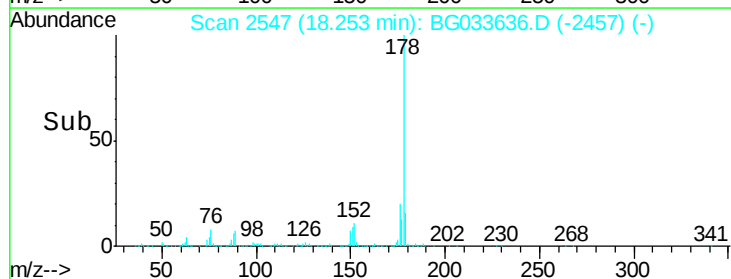
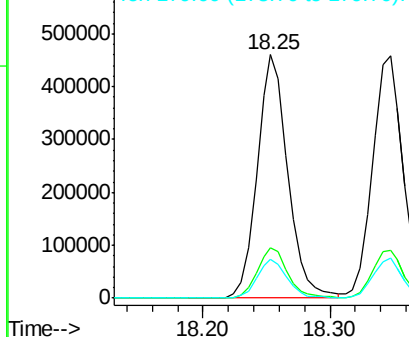


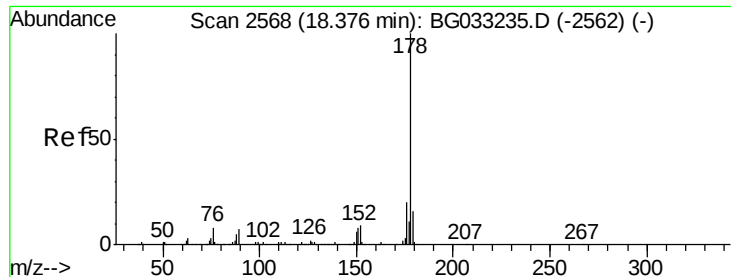
#70
 Phenanthrene
 Concen: 43.665 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	771962		
176	20.4	15.7	23.5	
179	16.0	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





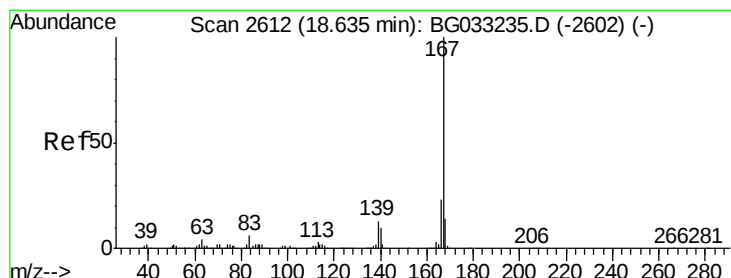
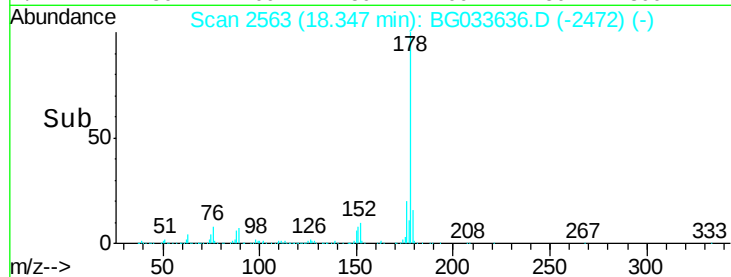
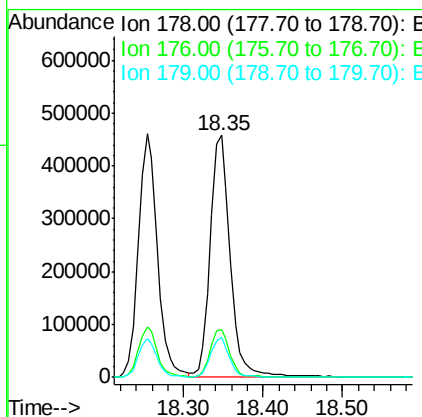
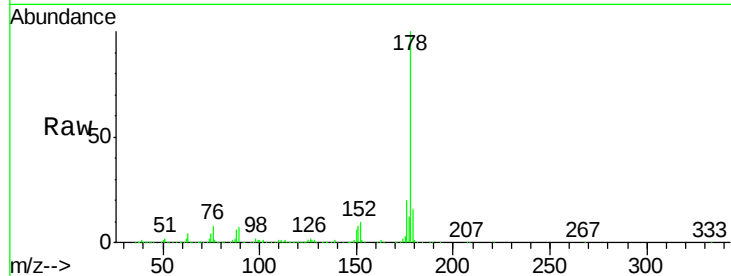
#71
 Anthracene
 Concen: 44.525 ng
 RT: 18.35 min Scan# 2563
 Delta R.T. 0.01 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 HH-STONEMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	16.3	12.5	18.7

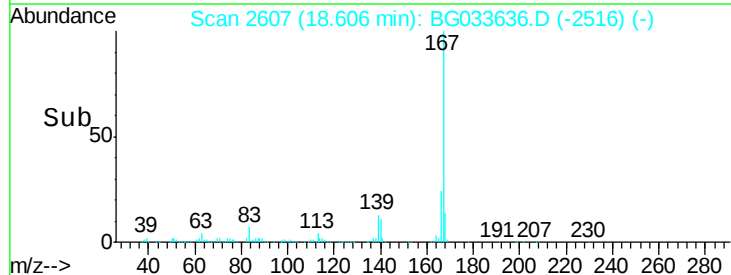
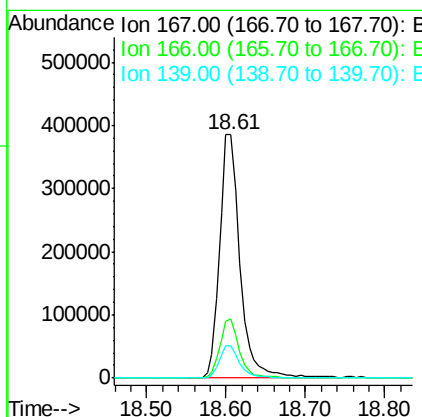
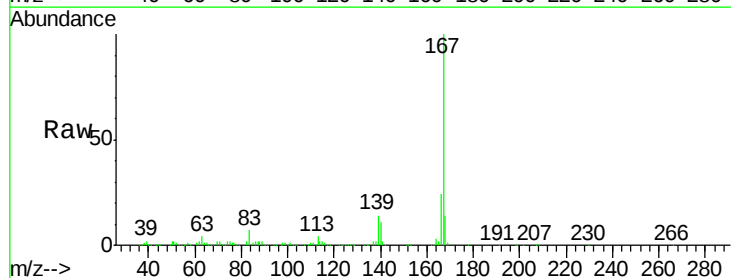
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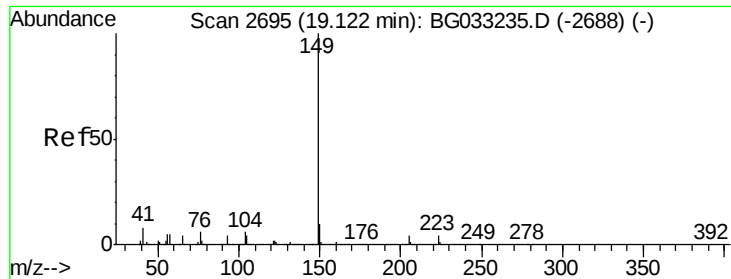
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#72
 Carbazole
 Concen: 43.426 ng
 RT: 18.61 min Scan# 2607
 Delta R.T. 0.01 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.2	18.2	27.4
139	13.5	9.4	14.2





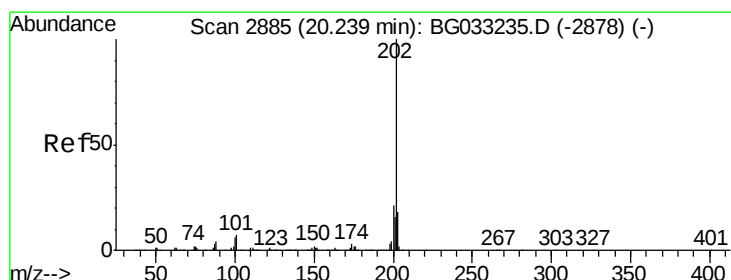
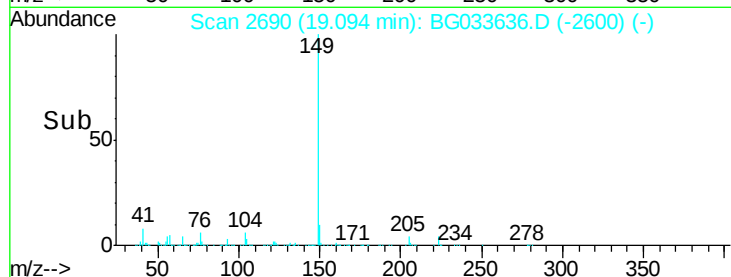
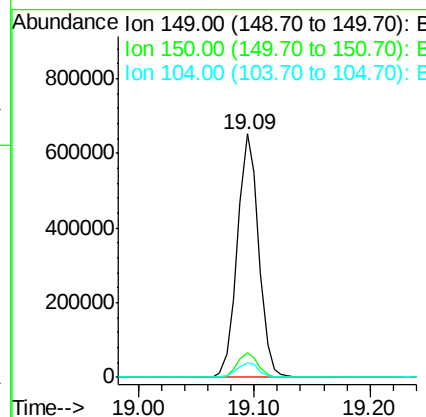
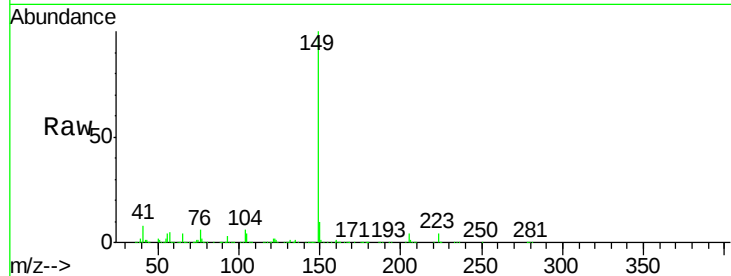
#73
Di-n-butylphthalate
Concen: 45.058 ng
RT: 19.09 min Scan# 2690
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Instrument :
BNA_G
ClientSampleId :
HH-STONEMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.1	7.8	11.6	
104	6.0	3.9	5.9	

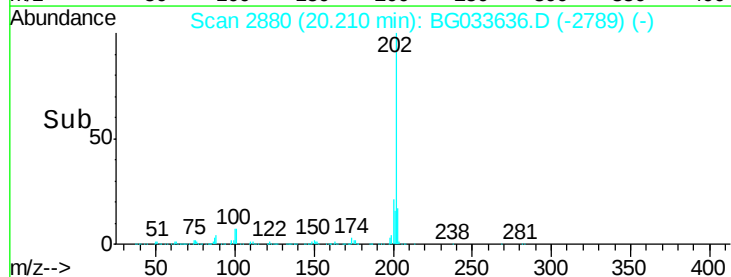
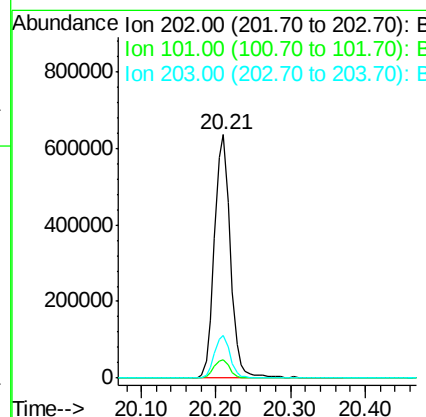
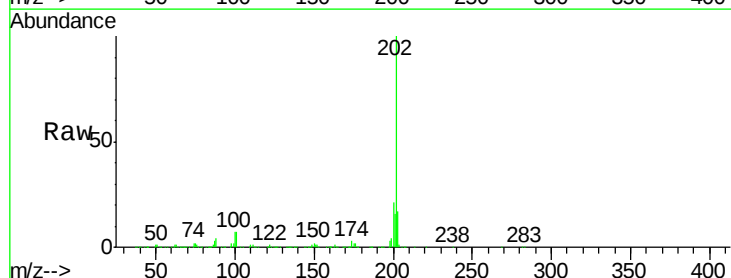
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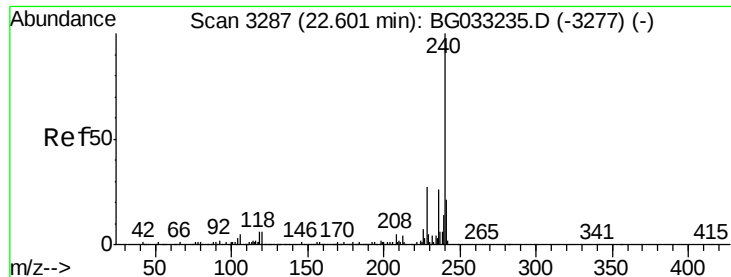
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#74
Fluoranthene
Concen: 42.906 ng
RT: 20.21 min Scan# 2880
Delta R.T. 0.01 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	7.3	0.0	28.9	
203	17.5	0.0	37.5	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

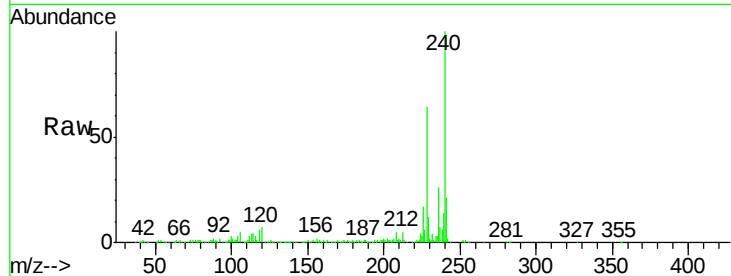
ClientSampleId :

HH-STONEMS

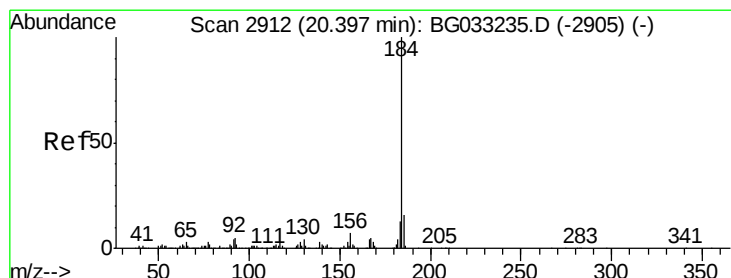
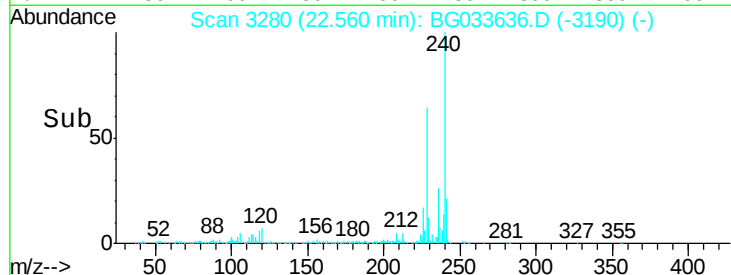
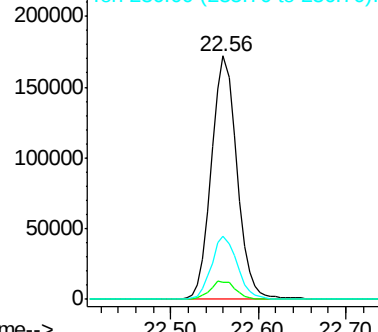
Tot Ion:	240	Resp:	338428
Ion Ratio	Lower	Upper	
240	100		
120	7.2	6.8	10.2
236	25.9	20.9	31.3

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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



#76

Benzidine

Concen: 3.649 ng m

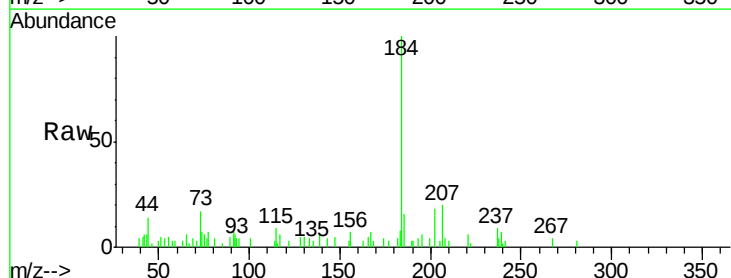
RT: 20.39 min Scan# 2911

Delta R.T. 0.02 min

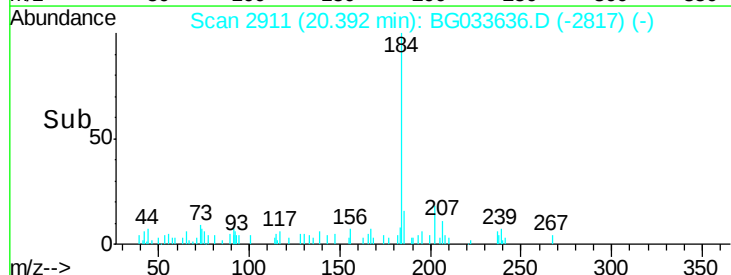
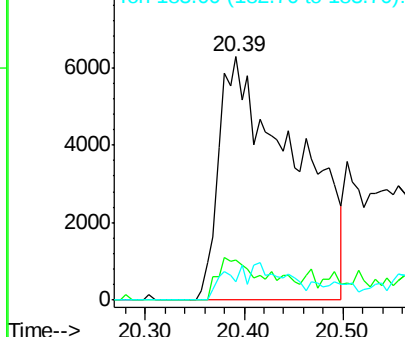
Lab File: BG033636.D

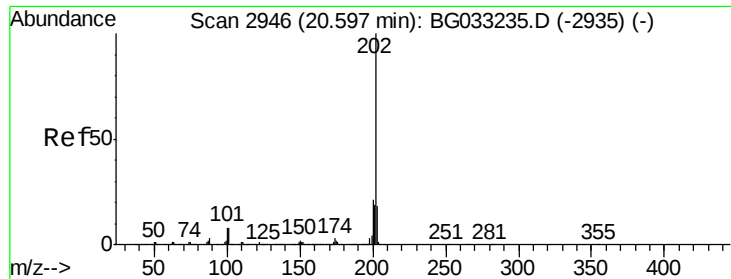
Acq: 6 Apr 2018 20:04

Tgt Ion:	184	Resp:	33488
Ion Ratio	Lower	Upper	
184	100		
185	16.4	11.1	16.7
183	7.6	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





#77

Pvrene

Concen: 41.852 ng

RT: 20.56 min Scan# 2940

Delta R.T. 0.00 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

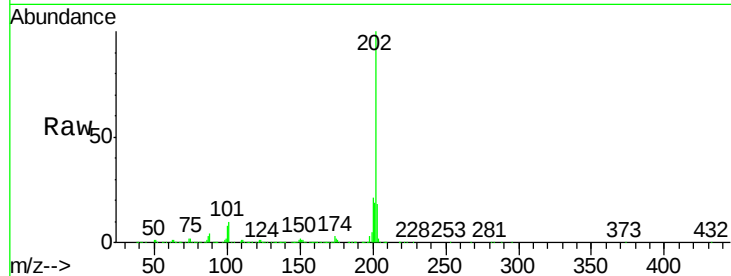
ClientSampleId :

HH-STONEMS

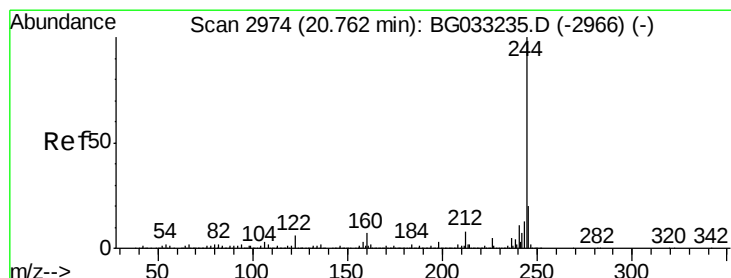
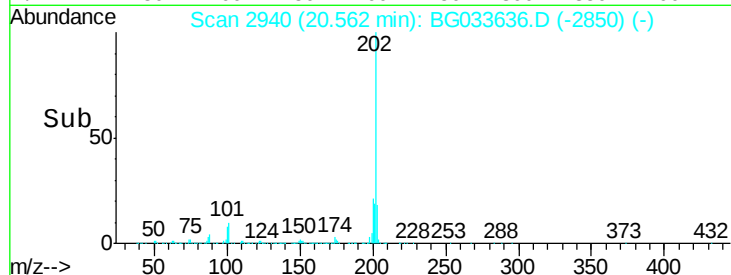
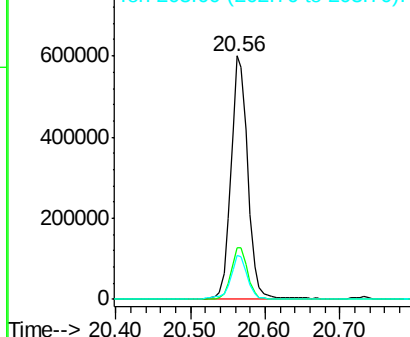
Tot Ion:	202	Resp:	944646
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.9	25.3
203	18.2	13.9	20.9

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



#78

Terphenyl-d14

Concen: 95.008 ng

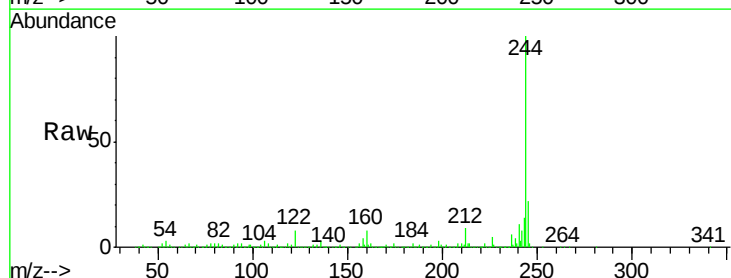
RT: 20.73 min Scan# 2969

Delta R.T. 0.01 min

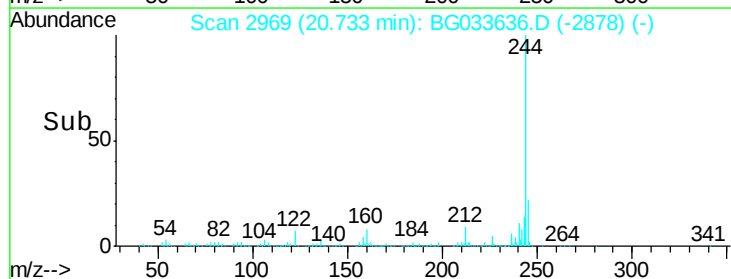
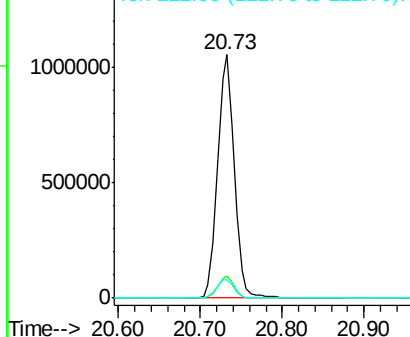
Lab File: BG033636.D

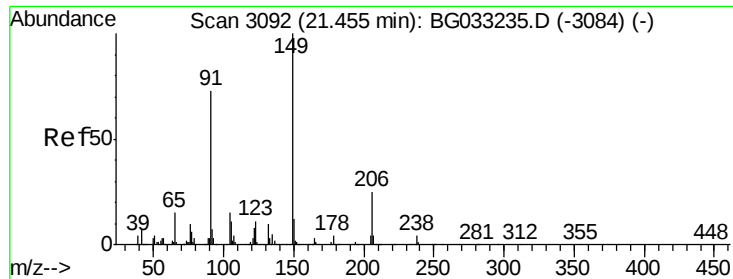
Acq: 6 Apr 2018 20:04

Tgt Ion:	244	Resp:	1503476
Ion Ratio	Lower	Upper	
244	100		
212	9.0	5.8	8.8#
122	7.6	7.0	10.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





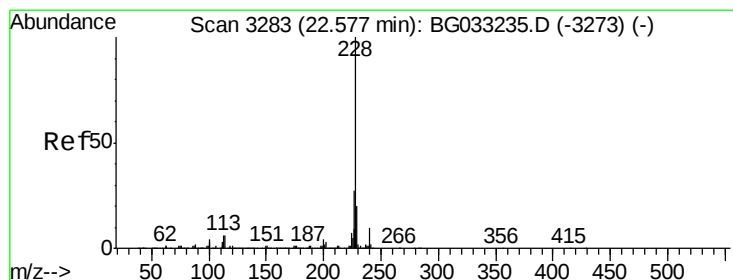
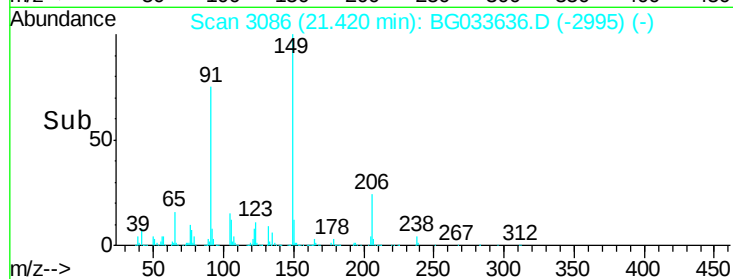
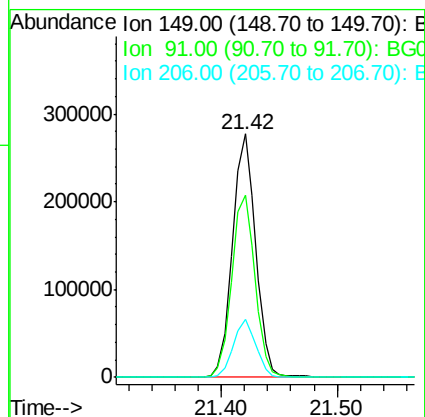
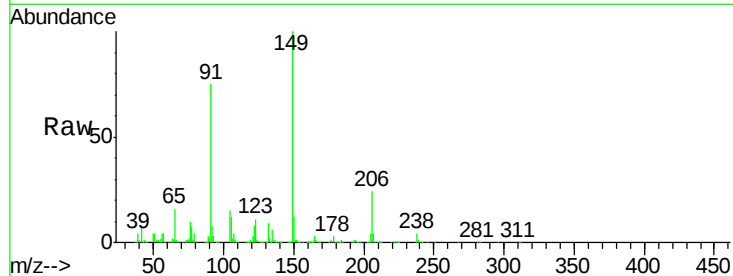
#79
Butylbenzylphthalate
Concen: 46.332 ng
RT: 21.42 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Instrument :
BNA_G
ClientSampleId :
HH-STONEMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.6	62.2	93.2
206	23.9	18.6	27.8

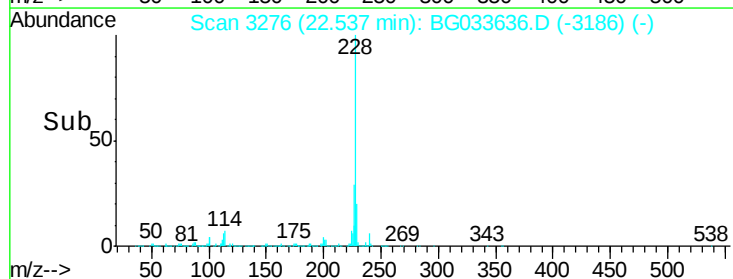
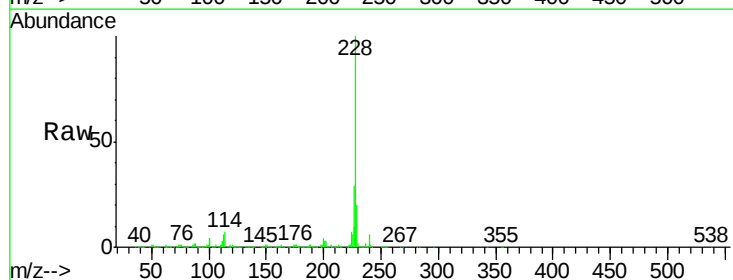
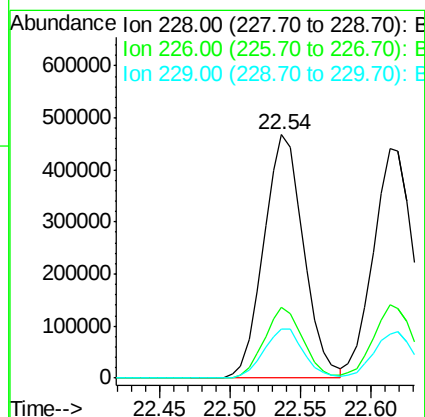
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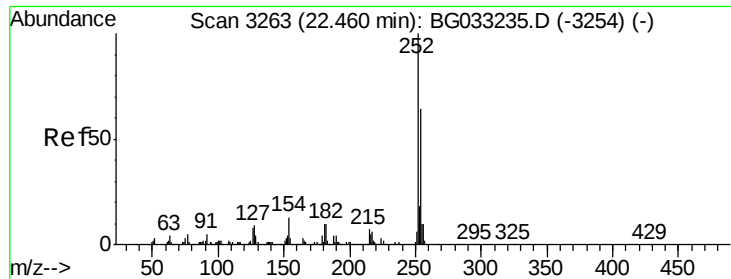
Sohil
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#80
Benzo(a)anthracene
Concen: 42.862 ng
RT: 22.54 min Scan# 3276
Delta R.T. 0.00 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.7	34.1
229	20.2	16.2	24.2





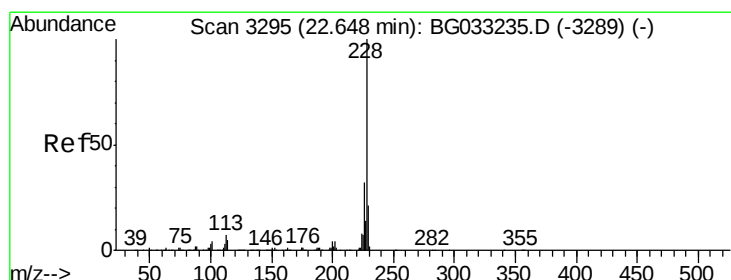
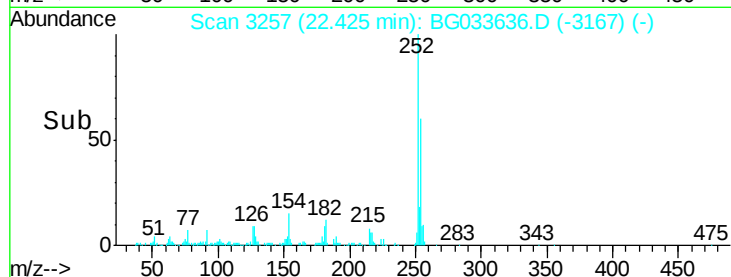
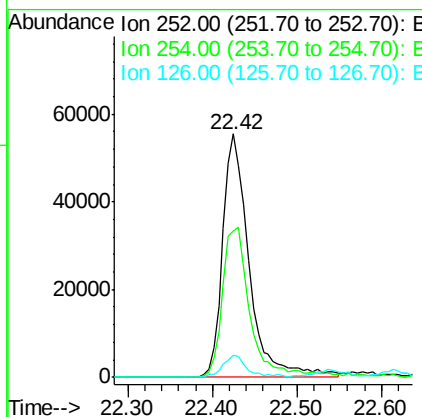
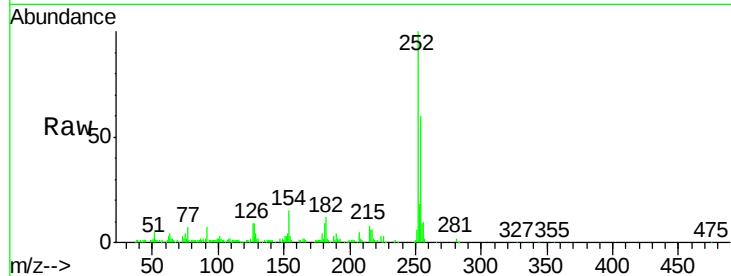
#81
 3,3'-Dichlorobenzidine
 Concen: 15.699 ng
 RT: 22.42 min Scan# 3257
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 HH-STONEMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	120385		
254	59.9	50.8	76.2	
126	9.3	7.4	11.2	

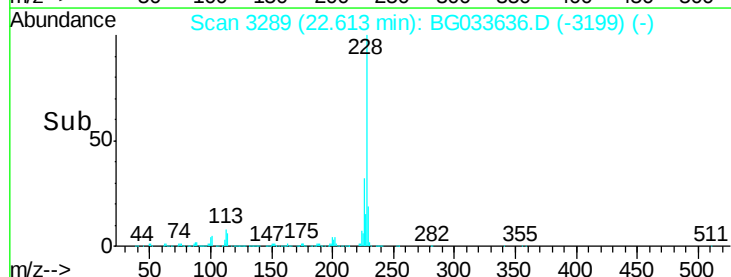
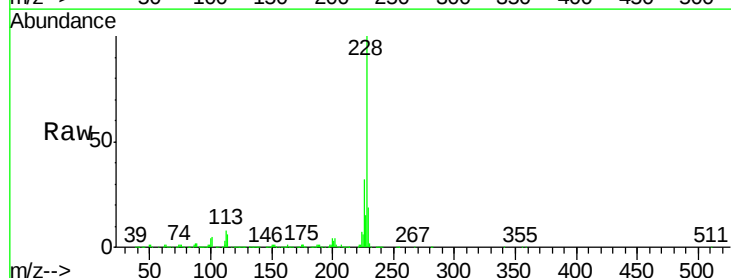
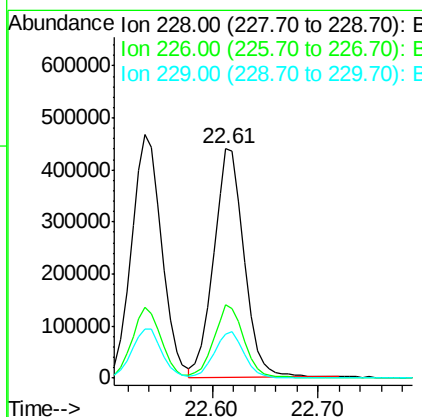
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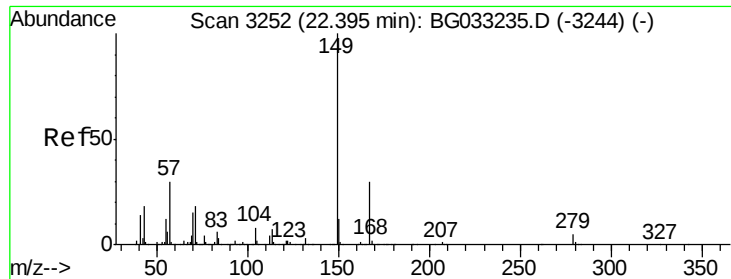
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#82
 Chrysene
 Concen: 42.236 ng
 RT: 22.61 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	881053		
226	31.9	24.9	37.3	
229	19.3	15.0	22.4	





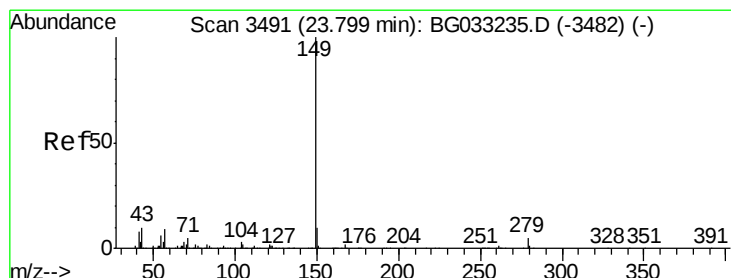
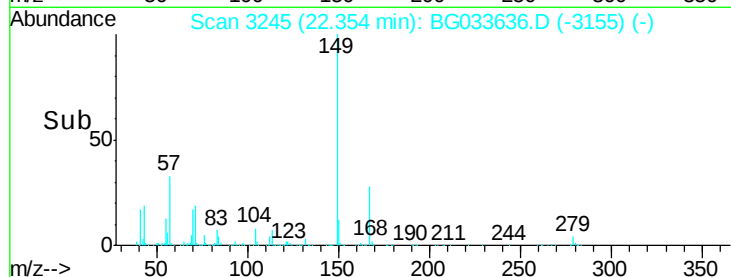
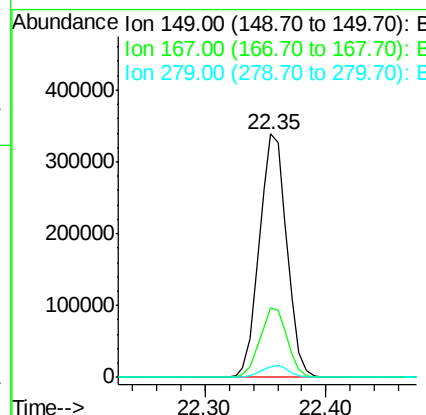
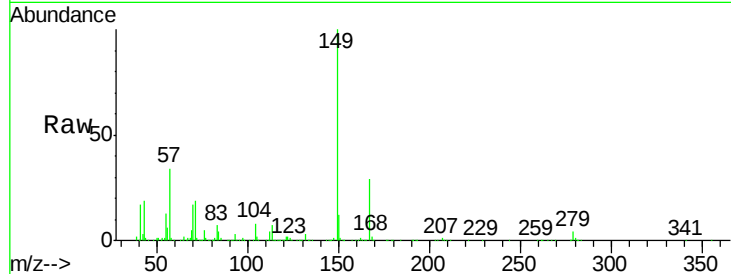
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.774 ng
 RT: 22.35 min Scan# 3245
 Delta R.T. 0.00 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 HH-STONEMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	537056		
167	28.5		24.3	36.5
279	4.5		4.0	6.0

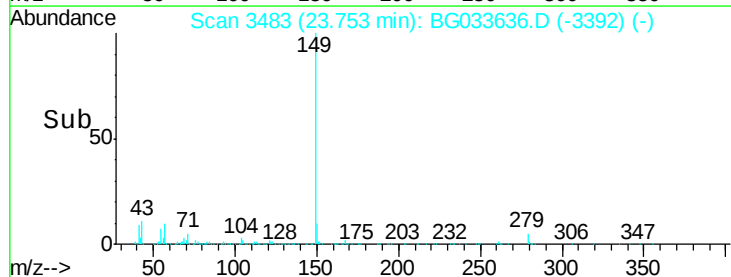
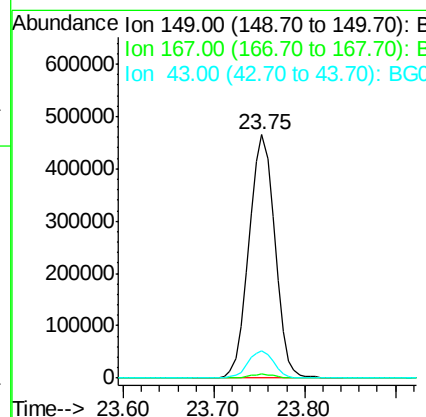
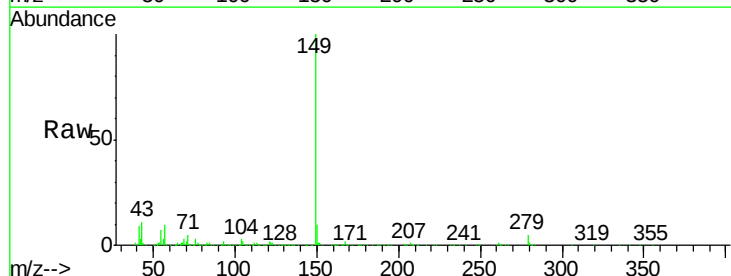
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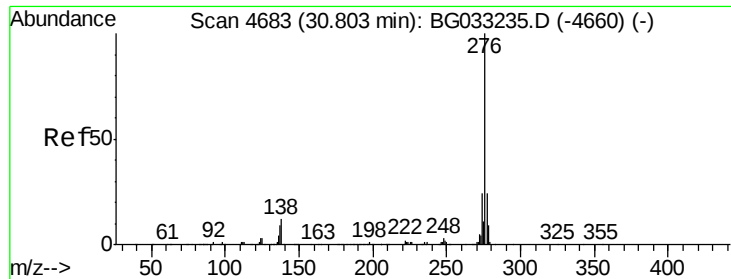
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 52.559 ng
 RT: 23.75 min Scan# 3483
 Delta R.T. 0.01 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	923999		
167	1.7		1.4	2.0
43	11.1		8.9	13.3





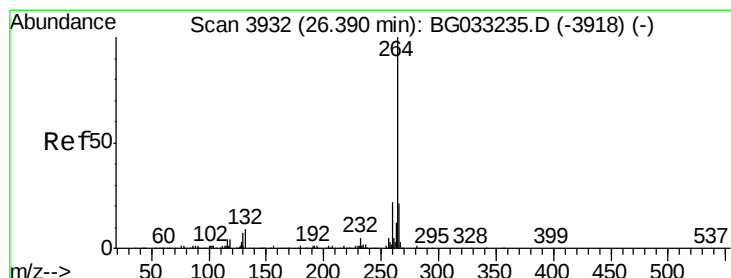
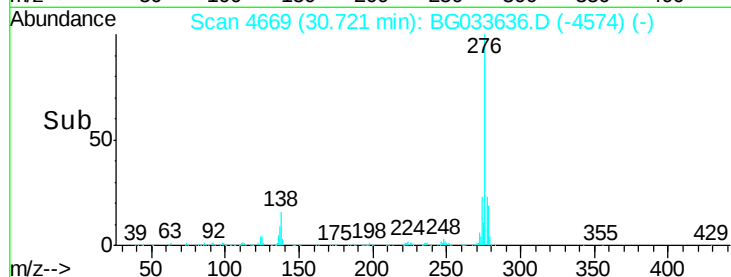
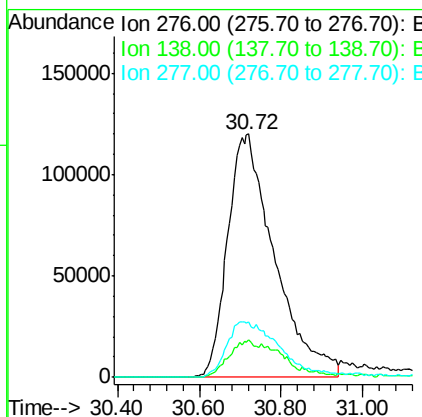
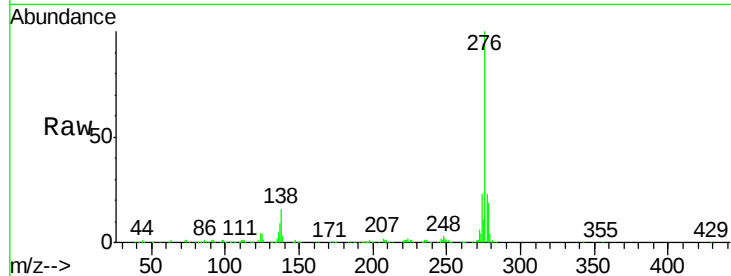
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.357 ng
RT: 30.72 min Scan# 4669
Delta R.T. 0.03 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Instrument :
BNA_G
ClientSampleId :
HH-STONEMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.0	16.0	24.0#
277	0.0	20.0	30.0#

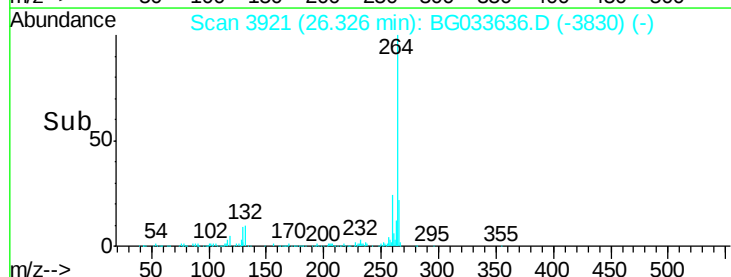
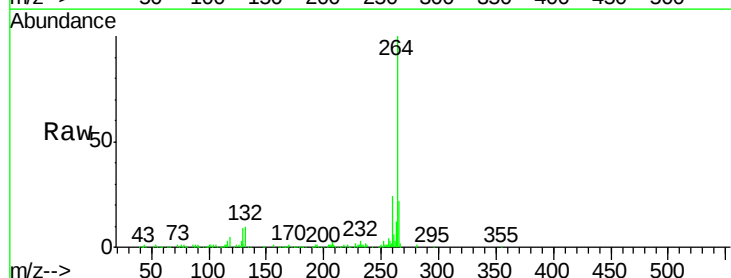
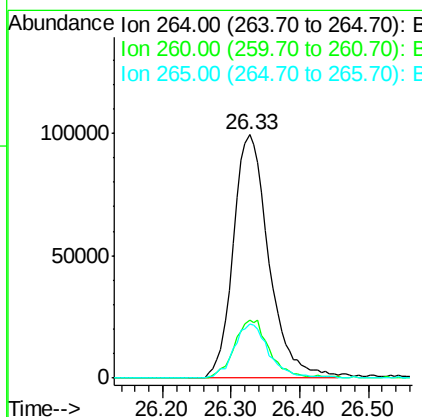
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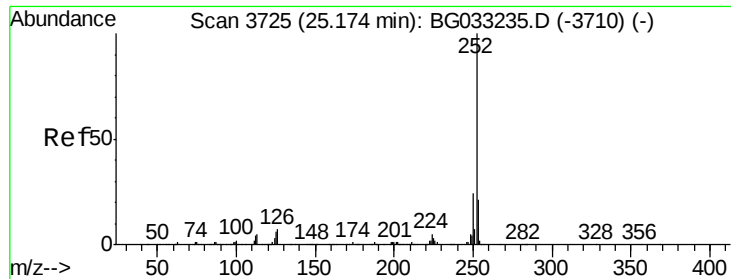
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#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3921
Delta R.T. 0.01 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	22.4	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 44.025 ng

RT: 25.12 min Scan# 3716

Delta R.T. 0.02 min

Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Instrument :

BNA_G

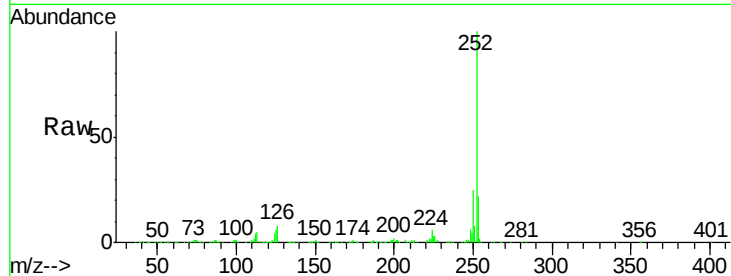
ClientSampleId :

HH-STONEMS

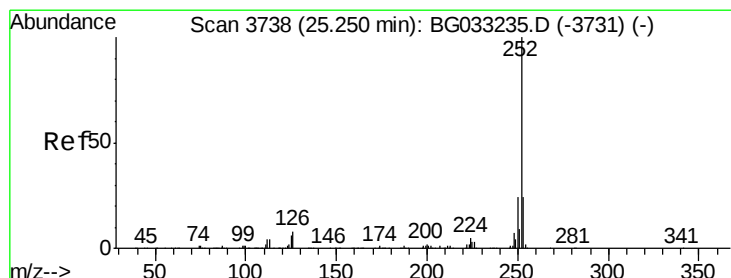
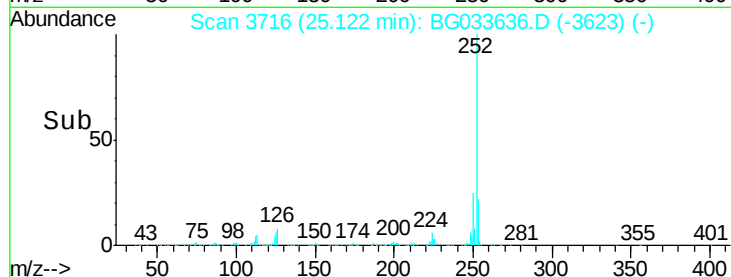
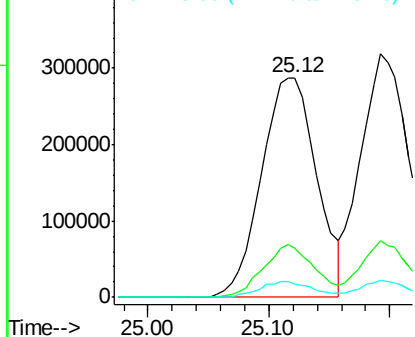
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	6.0	7.2	10.8

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



#88

Benzo(k)fluoranthene

Concen: 43.819 ng

RT: 25.19 min Scan# 3728

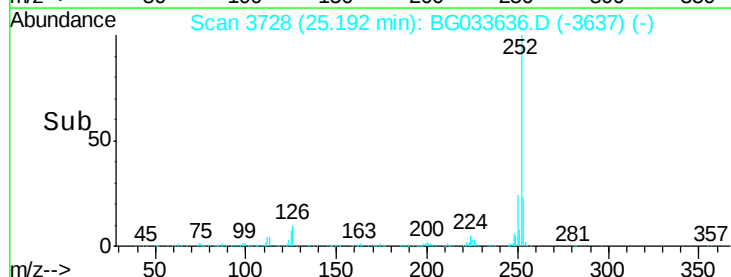
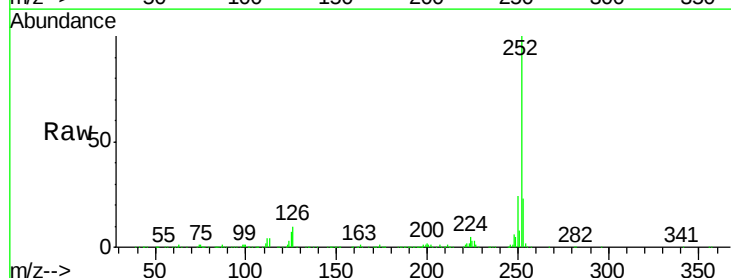
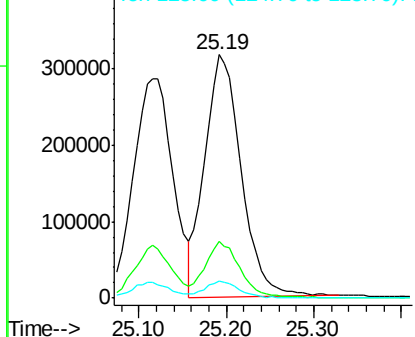
Delta R.T. 0.01 min

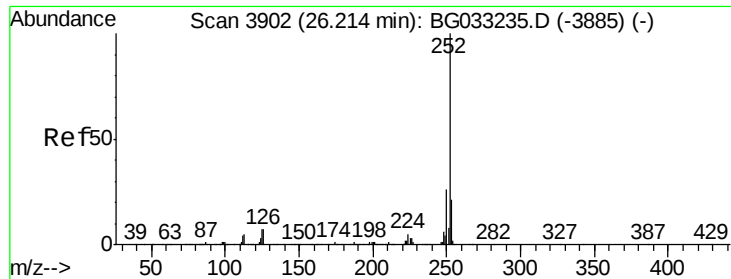
Lab File: BG033636.D

Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	6.8	6.6	9.8

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





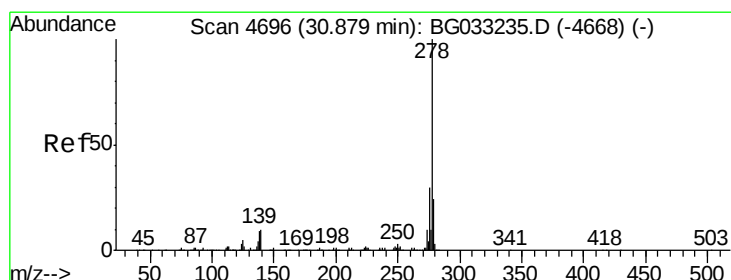
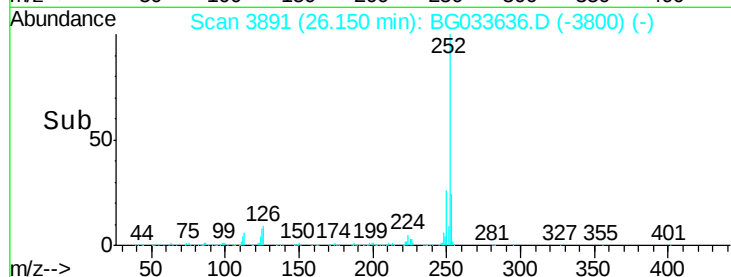
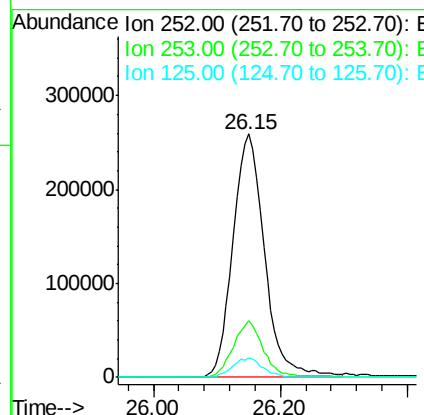
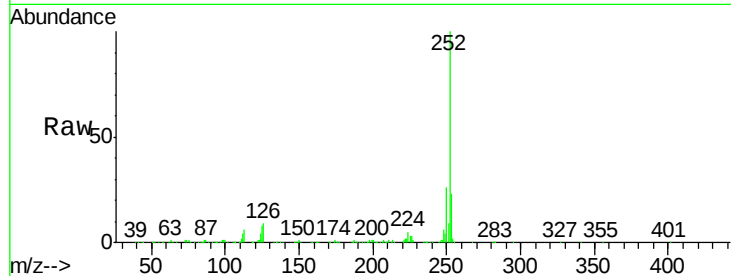
#89
Benzo(a)pyrene
Concen: 44.804 ng
RT: 26.15 min Scan# 3891
Delta R.T. 0.01 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Instrument :
BNA_G
ClientSampleId :
HH-STONEMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.3	27.5
125	7.8	7.3	10.9

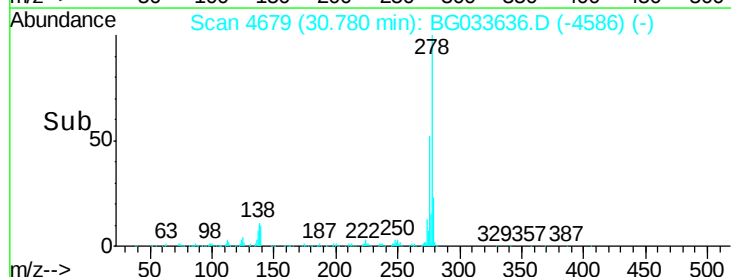
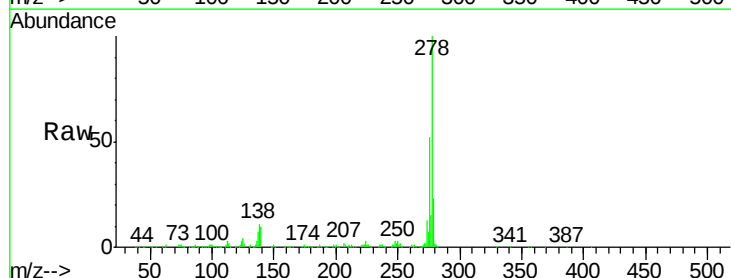
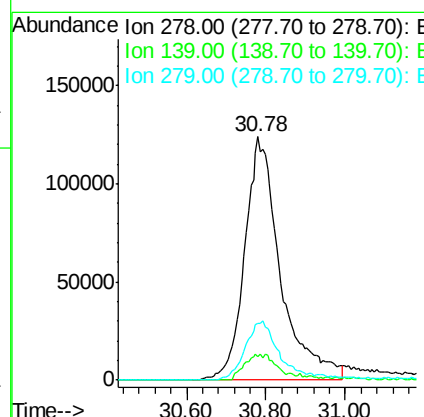
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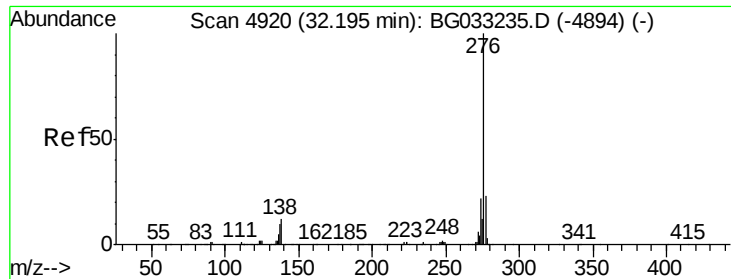
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 41.644 ng
RT: 30.78 min Scan# 4679
Delta R.T. 0.02 min
Lab File: BG033636.D
Acq: 6 Apr 2018 20:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.8	9.8	14.6
279	23.0	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 42.778 ng
 RT: 32.09 min Scan# 4902
 Delta R.T. 0.02 min
 Lab File: BG033636.D
 Acq: 6 Apr 2018 20:04

Instrument :
 BNA_G
 ClientSampleId :
 HH-STONEMS

Tot Ion:	276	Resp:	792365
Ion Ratio	Lower	Upper	
276	100		
277	22.9	18.3	27.5
138	15.3	13.9	20.9

Manual Integrations
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