

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
 Data File : BG032519.D
 Acq On : 2 Feb 2018 19:31
 Operator : SJ/JU
 Sample : PB106268BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106268BS

Manual Integrations
 APPROVED

Sohil
 2/5/2018 11:15:13 AM

Quant Time: Feb 05 10:08:05 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	24125	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	95161	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	72451	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	200029	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	260169	20.00	ng	-0.01
86) Perylene-d12	26.08	264	283984	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	148873	123.95	ng	0.00
7) Phenol-d6	7.83	99	194905	121.60	ng	0.00
23) Nitrobenzene-d5	9.91	82	121842	79.97	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	180079	130.58	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	471258	77.31	ng	-0.02
78) Terphenyl-d14	20.61	244	1047372	86.23	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.80	88	13484	33.366	ng	# 73
3) Pyridine	4.25	79	34846	31.934	ng	# 85
4) n-Nitrosodimethylamine	4.17	42	23644	41.624	ng	# 64
6) Aniline	8.01	93	24478	12.249	ng	94
8) 2-Chlorophenol	8.26	128	60515	42.623	ng	85
9) Benzaldehyde	7.81	77	17699	21.380	ng	92
10) Phenol	7.86	94	64958	42.677	ng	84
11) bis(2-Chloroethyl)ether	8.10	93	44698	38.541	ng	# 81
12) 1,3-Dichlorobenzene	8.60	146	71863	37.427	ng	90
13) 1,4-Dichlorobenzene	8.75	146	73597	38.243	ng	91
14) 1,2-Dichlorobenzene	9.08	146	71234	37.785	ng	98
15) Benzyl Alcohol	8.95	79	49728	37.646	ng	98
16) 2,2'-oxybis(1-Chloropropan	9.23	45	38979	35.469	ng	71
17) 2-Methylphenol	9.16	107	49078	39.701	ng	# 94
18) Hexachloroethane	9.82	117	23463	36.313	ng	87
19) n-Nitroso-di-n-propylamine	9.52	70	36274	34.133	ng	# 90
20) 3+4-Methylphenols	9.49	107	63943	36.875	ng	92
22) Acetophenone	9.55	105	82709	37.078	ng	# 89
24) Nitrobenzene	9.95	77	60403	41.000	ng	# 87
25) Isophorone	10.47	82	108847	41.958	ng	# 84
26) 2-Nitrophenol	10.68	139	36818	41.342	ng	# 76
27) 2,4-Dimethylphenol	10.72	122	59667	46.679	ng	99
28) bis(2-Chloroethoxy)methane	10.96	93	59216	41.627	ng	# 95
29) 2,4-Dichlorophenol	11.22	162	78785	46.527	ng	83
30) 1,2,4-Trichlorobenzene	11.44	180	86316	38.246	ng	96
31) Naphthalene	11.64	128	185919	40.002	ng	97
32) Benzoic acid	10.81	122	26114m	30.514	ng	
33) 4-Chloroaniline	11.74	127	27025	13.037	ng	# 89
34) Hexachlorobutadiene	11.91	225	66403	37.817	ng	96
35) Caprolactam	12.49	113	22305	45.885	ng	# 48
36) 4-Chloro-3-methylphenol	12.82	107	72367	45.055	ng	# 86
37) 2-Methylnaphthalene	13.21	142	160377	41.074	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	127617	37.651	ng	98
40) Hexachlorocyclopentadiene	13.53	237	167341	79.018	ng	92

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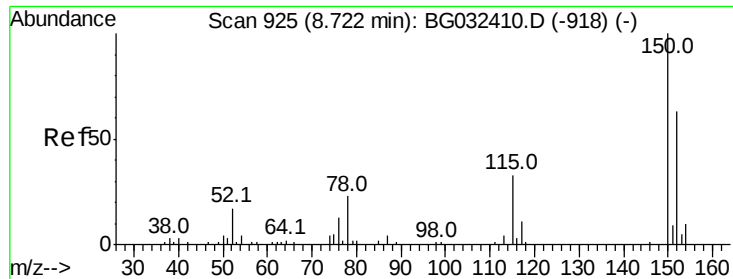
Manual Integrations
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Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	78529	42.594	nq	98
43) 2,4,5-Trichlorophenol	13.87	196	92048	42.829	nq	# 93
45) 1,1'-Biphenyl	14.18	154	235788	38.521	nq	95
46) 2-Chloronaphthalene	14.24	162	187511	39.085	nq	96
47) 2-Nitroaniline	14.43	65	45077	42.488	nq	# 87
48) Acenaphthylene	15.07	152	283718	39.119	nq	97
49) Dimethylphthalate	14.77	163	263328	39.419	nq	98
50) 2,6-Dinitrotoluene	14.91	165	57359	40.909	nq	# 75
51) Acenaphthene	15.41	154	185314	36.842	nq	99
52) 3-Nitroaniline	15.24	138	24776	20.230	nq	# 74
53) 2,4-Dinitrophenol	15.44	184	11572	16.648	nq	# 91
54) Dibenzofuran	15.74	168	307908	41.359	nq	97
55) 4-Nitrophenol	15.54	139	70694	77.104	nq	# 74
56) 2,4-Dinitrotoluene	15.69	165	87669	43.915	nq	# 73
57) Fluorene	16.38	166	253271	40.940	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.96	232	95620	45.109	nq	# 87
59) Diethylphthalate	16.12	149	266685	40.989	nq	95
60) 4-Chlorophenyl-phenylether	16.36	204	163115	41.813	nq	95
61) 4-Nitroaniline	16.40	138	51366	39.132	nq	# 72
62) Azobenzene	16.65	77	159357	40.985	nq	81
64) 4,6-Dinitro-2-methylphenol	16.45	198	23362m	15.634	nq	
65) n-Nitrosodiphenylamine	16.57	169	238645	39.977	nq	99
66) 4-Bromophenyl-phenylether	17.25	248	120445	40.644	nq	94
67) Hexachlorobenzene	17.38	284	129276	39.420	nq	# 92
68) Atrazine	17.50	200	114146	44.543	nq	96
69) Pentachlorophenol	17.72	266	120248	58.532	nq	96
70) Phenanthrene	18.12	178	456406	40.915	nq	99
71) Anthracene	18.21	178	469070	42.231	nq	99
72) Carbazole	18.48	167	403338	41.099	nq	98
73) Di-n-butylphthalate	18.98	149	462836	42.597	nq	99
74) Fluoranthene	20.09	202	624725	42.705	nq	95
76) Benzidine	20.25	184	151140	29.585	nq	99
77) Pyrene	20.44	202	627582	39.329	nq	99
79) Butylbenzylphthalate	21.30	149	216621	43.038	nq	# 74
80) Benzo(a)anthracene	22.39	228	677946	42.033	nq	99
81) 3,3'-Dichlorobenzidine	22.28	252	113584	18.176	nq	# 97
82) Chrysene	22.46	228	630367	40.469	nq	96
83) Bis(2-ethylhexyl)phthalate	22.22	149	302871	42.438	nq	# 97
84) Di-n-octyl phthalate	23.59	149	528796	46.715	nq	# 89
85) Indeno(1,2,3-cd)pyrene	30.34	276	860224	43.656	nq	# 84
87) Benzo(b)fluoranthene	24.90	252	738991	43.067	nq	# 95
88) Benzo(k)fluoranthene	24.98	252	701550	41.272	nq	# 96
89) Benzo(a)pyrene	25.91	252	711292	43.481	nq	# 94
90) Dibenzo(a,h)anthracene	30.41	278	707139	42.257	nq	# 95
91) Benzo(g,h,i)perylene	31.68	276	711873	42.857	nq	# 90

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



#1

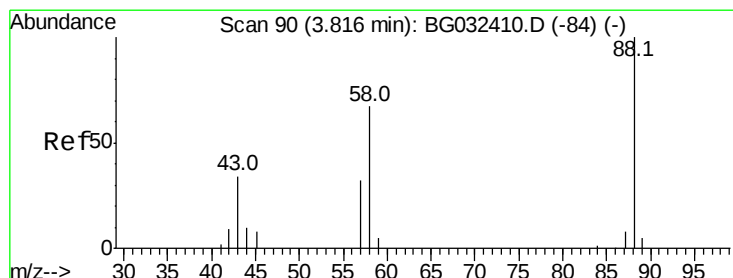
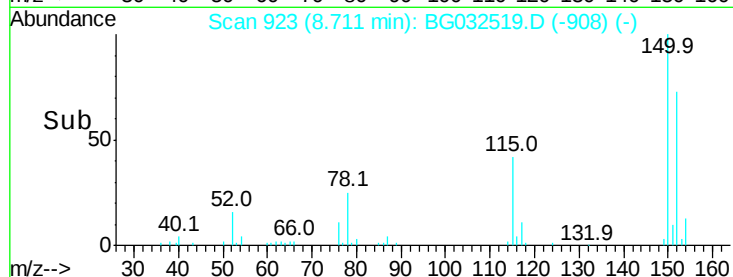
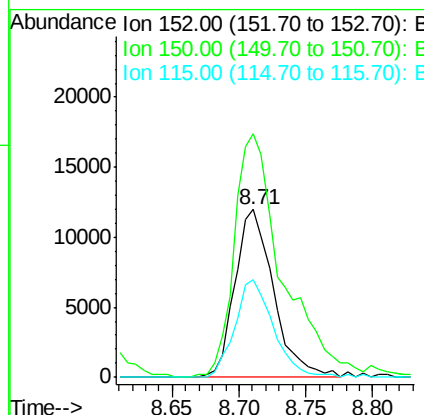
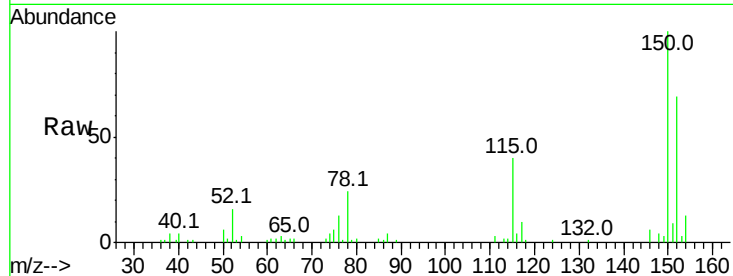
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Instrument :
BNA_G
ClientSampleId :
PB106268BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.9	126.6	189.8
115	58.0	53.0	79.4

Manual Integrations
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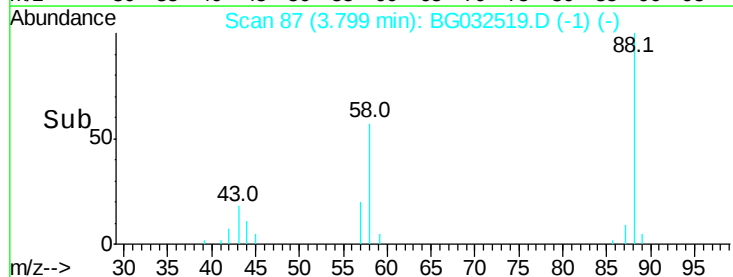
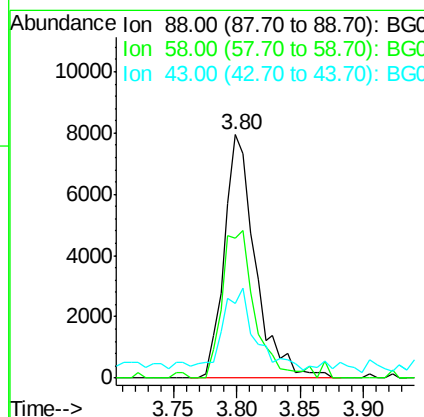
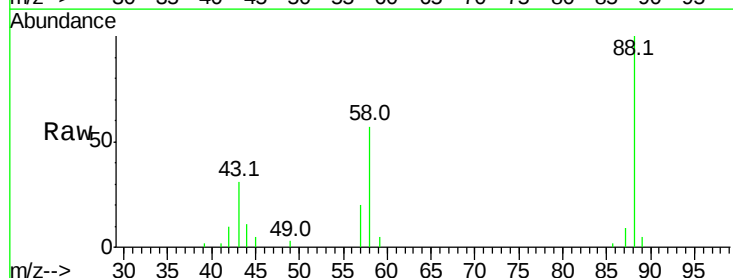
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2/5/2018 11:15:13 AM

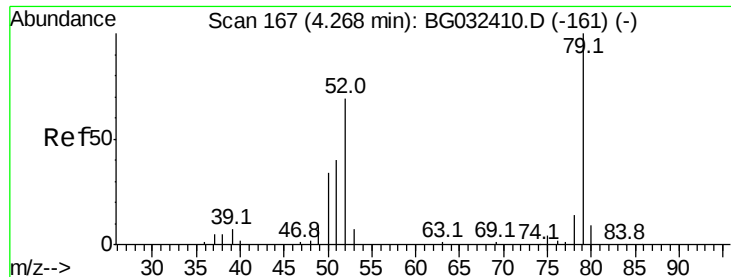


#2

1,4-Dioxane
Concen: 33.366 ng
RT: 3.80 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.3	79.6	119.4#
43	34.4	27.4	41.0





#3

Pvridine

Concen: 31.934 ng

RT: 4.25 min Scan# 164

Delta R.T. -0.02 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Instrument :

BNA_G

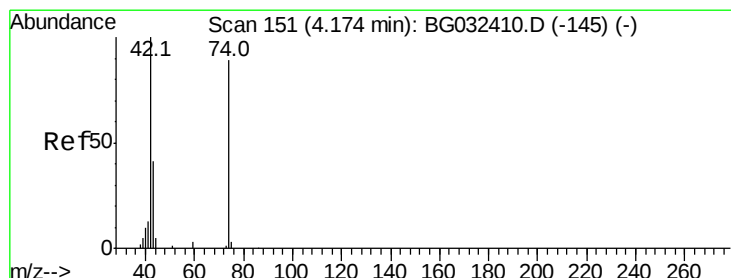
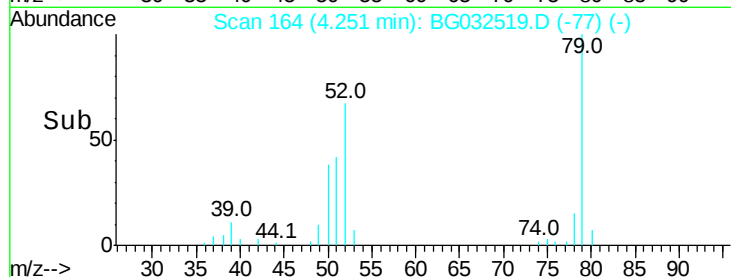
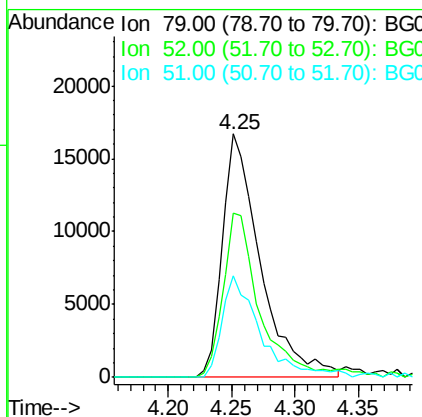
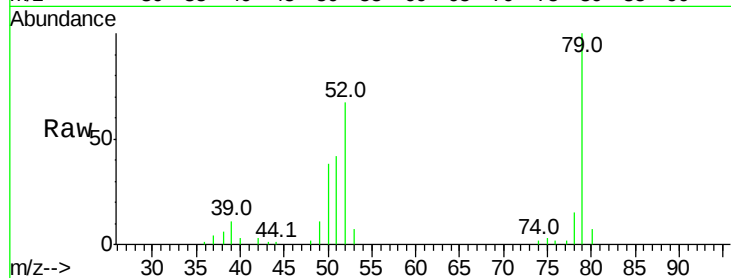
ClientSampleId :

PB106268BS

Tot Ion:	79	Resp:	34846
Ion Ratio	Lower	Upper	
79	100		
52	67.4	69.9	104.9#
51	41.9	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 41.624 ng

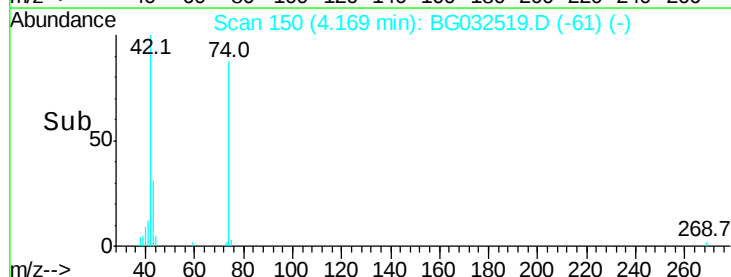
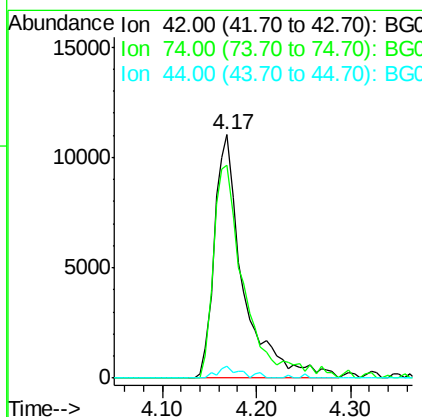
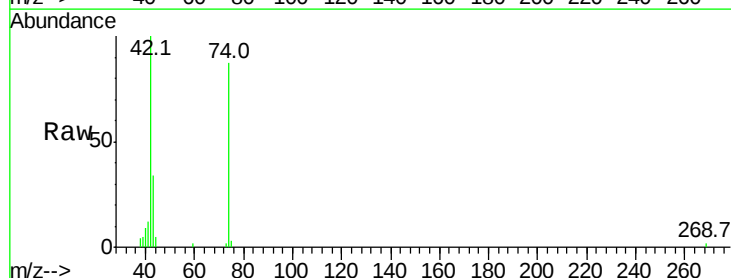
RT: 4.17 min Scan# 150

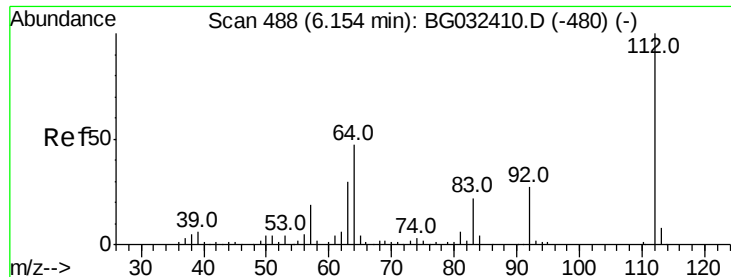
Delta R.T. -0.00 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Tgt Ion:	42	Resp:	23644
Ion Ratio	Lower	Upper	
42	100		
74	87.4	102.5	153.7#
44	4.8	18.9	28.3#





#5

2-Fluorophenol

Concen: 123.946 ng

RT: 6.15 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Instrument :

BNA_G

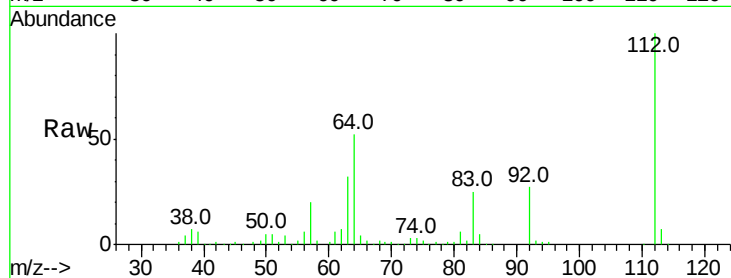
ClientSampleId :

PB106268BS

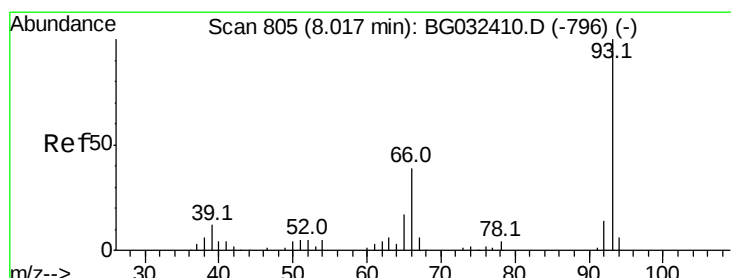
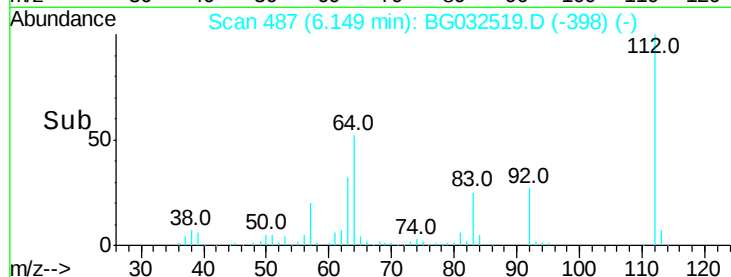
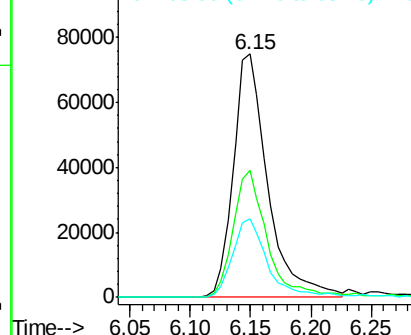
Tot Ion:	112	Resp:	148873
Ion Ratio	Lower	Upper	
112	100		
64	52.0	56.3	84.5#
63	32.1	30.1	45.1

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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: 12.249 ng

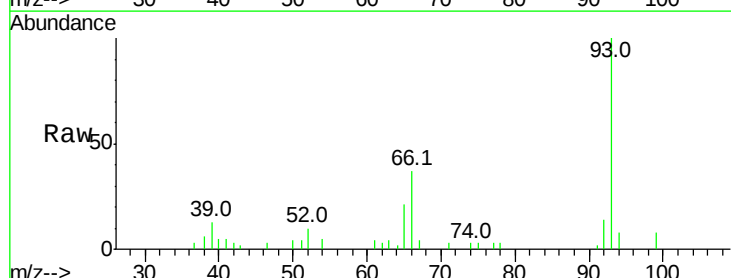
RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

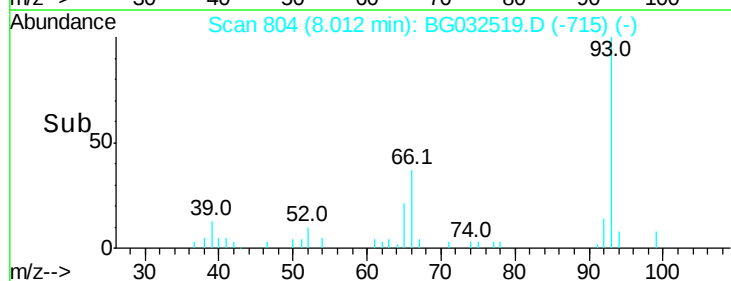
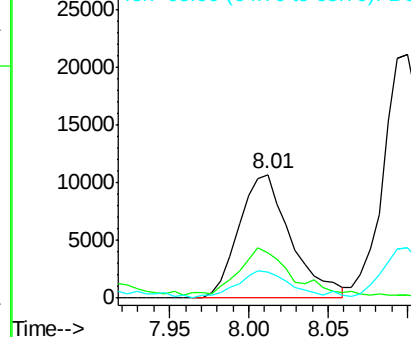
Lab File: BG032519.D

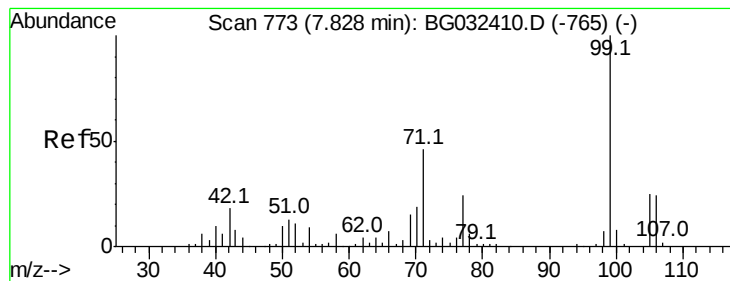
Acq: 2 Feb 2018 19:31

Tgt Ion:	93	Resp:	24478
Ion Ratio	Lower	Upper	
93	100		
66	36.7	33.7	50.5
65	20.7	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: 121.604 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Instrument :

BNA_G

ClientSampleId :

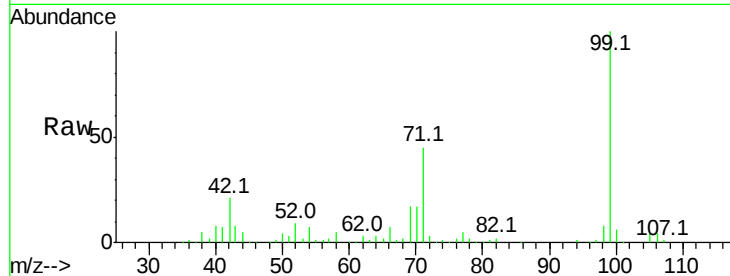
PB106268BS

Tot Ion: 99 Resp: 194905

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.1	21.1
71	45.2	26.1	39.1

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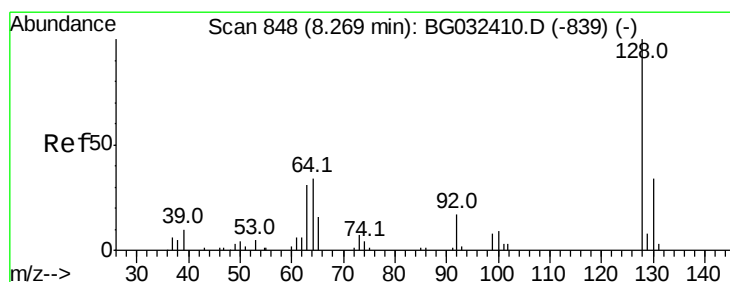
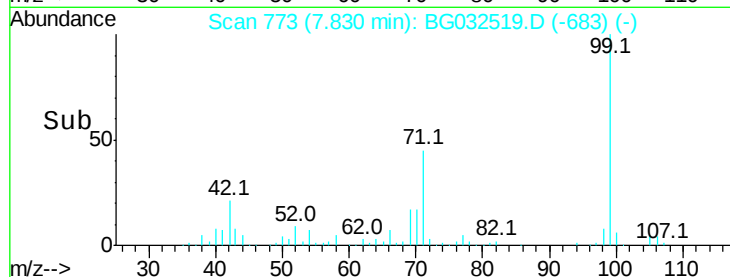
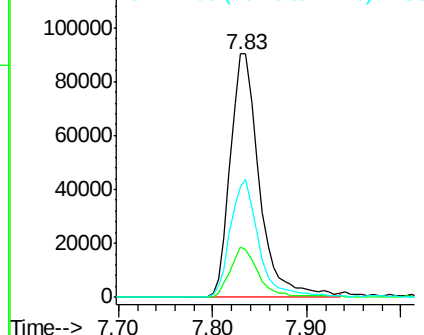


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.623 ng

RT: 8.26 min Scan# 846

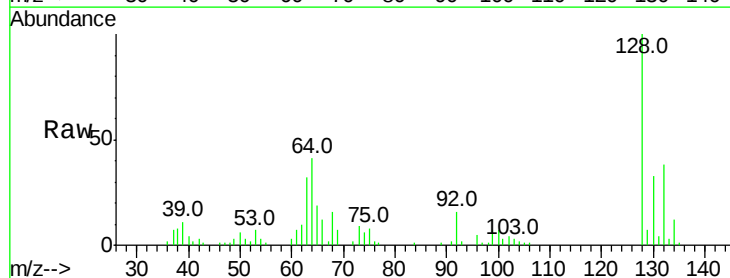
Delta R.T. -0.01 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Tgt Ion: 128 Resp: 60515

Ion	Ratio	Lower	Upper
128	100		
130	33.0	14.0	54.0
64	40.9	37.7	77.7

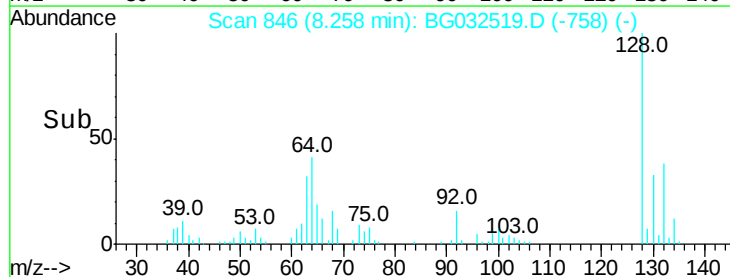
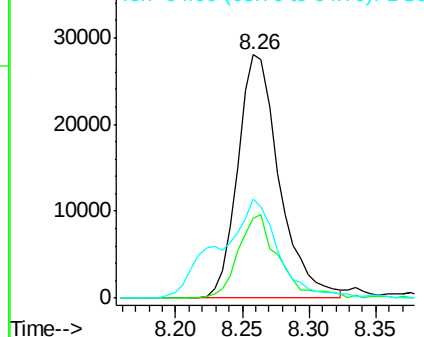


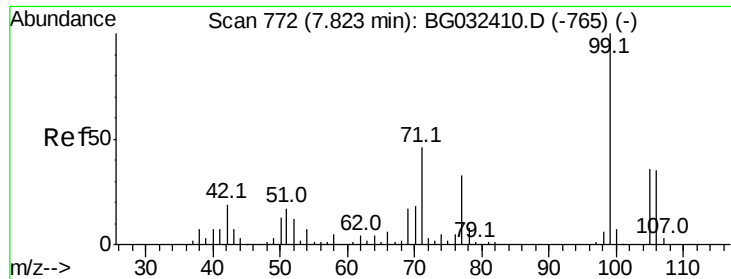
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 21.380 ng

RT: 7.81 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Instrument :

BNA_G

ClientSampleId :

PB106268BS

Tot Ion: 77 Resp: 17699

Ion Ratio Lower Upper

77 100

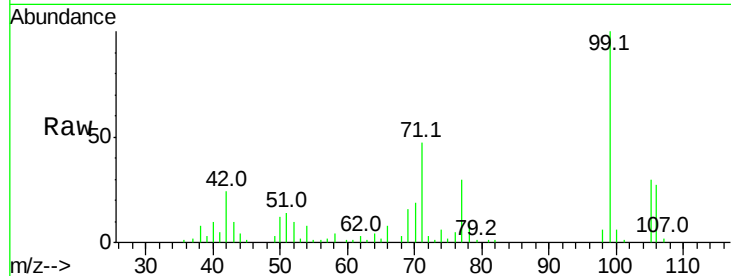
105 99.0 71.3 111.3

106 90.6 64.2 104.2

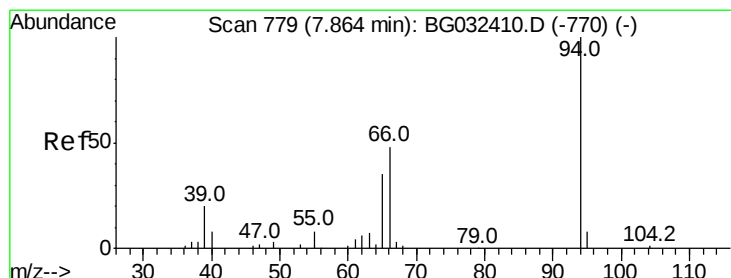
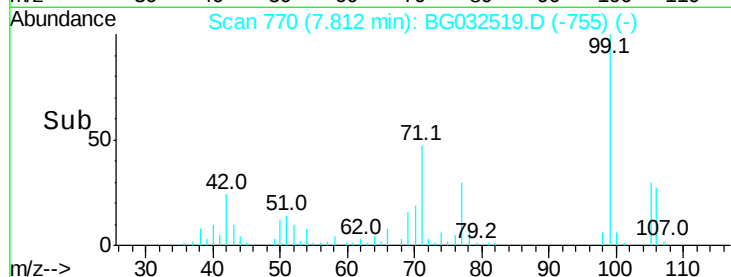
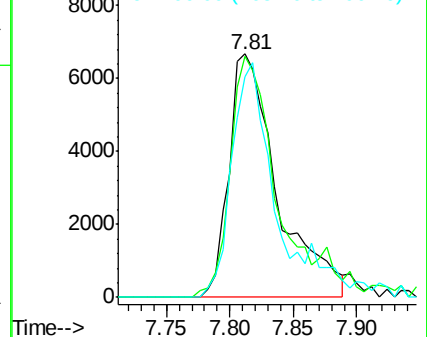
Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.677 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

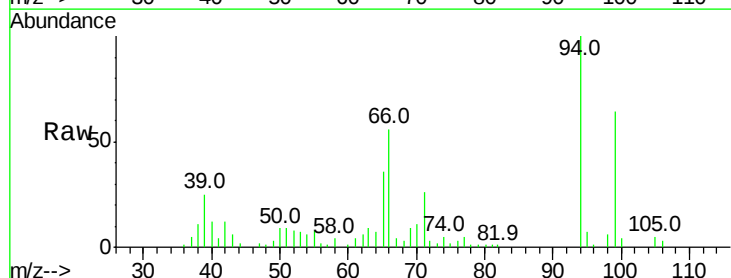
Tgt Ion: 94 Resp: 64958

Ion Ratio Lower Upper

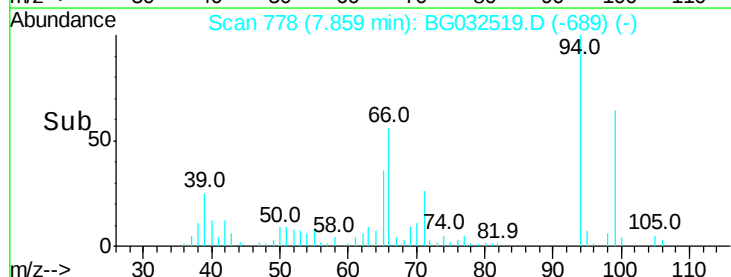
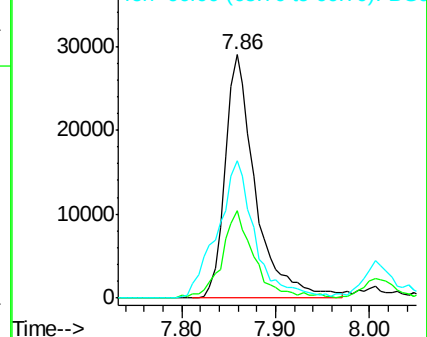
94 100

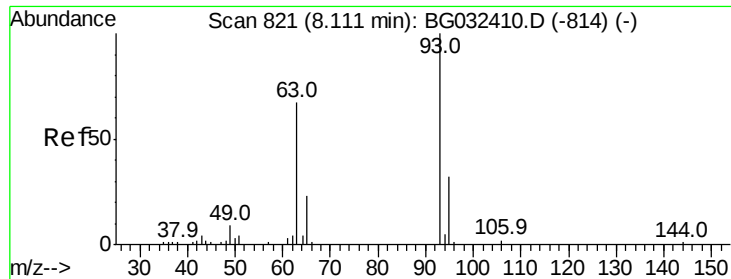
65 36.1 11.9 51.9

66 56.2 22.2 62.2



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





#11

bis(2-Chloroethyl)ether

Concen: 38.541 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Instrument :

BNA_G

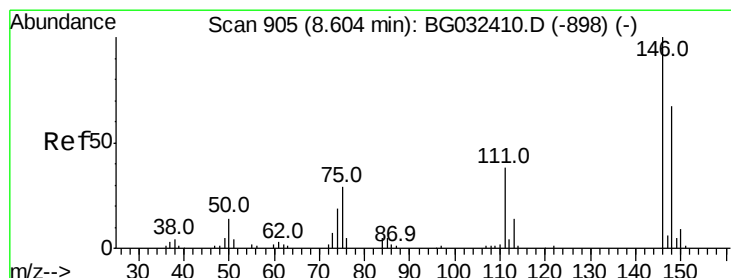
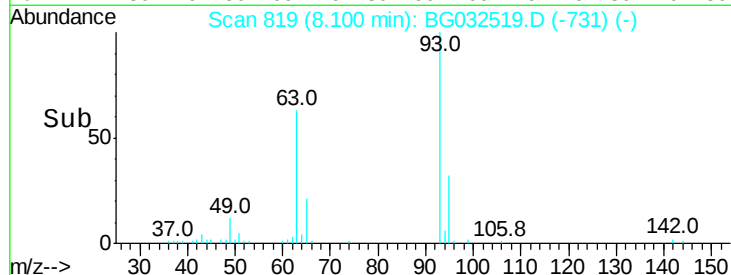
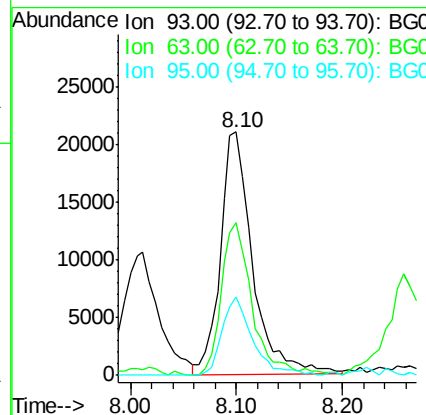
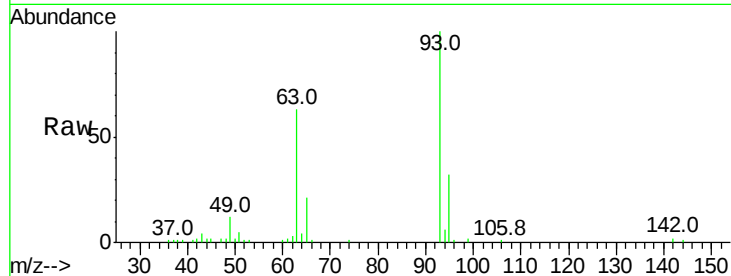
ClientSampleId :

PB106268BS

Tot Ion:	93	Resp:	44698
Ion Ratio	Lower	Upper	
93	100		
63	62.9	67.1	107.1#
95	32.1	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 37.427 ng

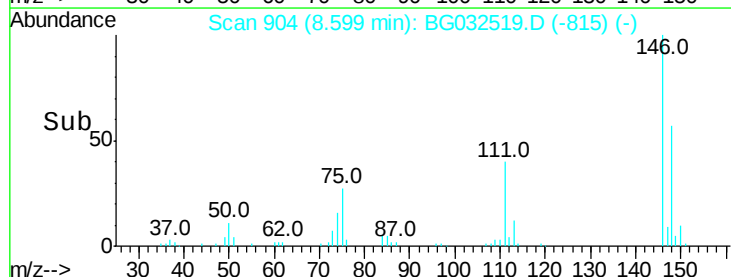
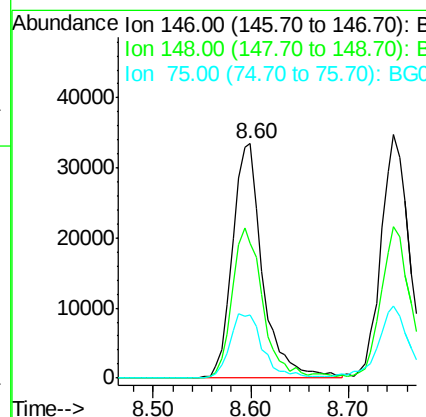
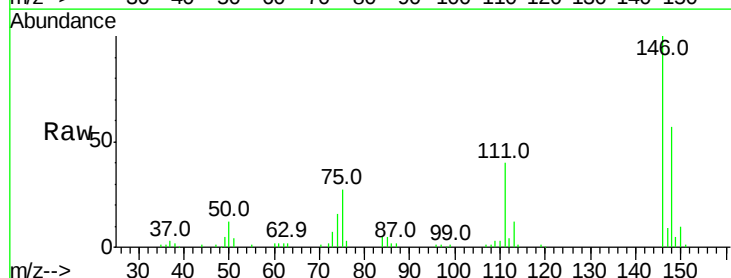
RT: 8.60 min Scan# 904

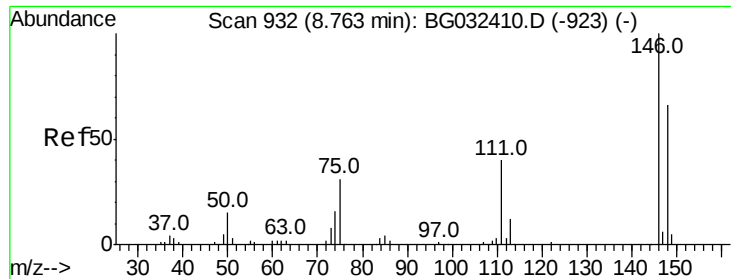
Delta R.T. -0.00 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Tgt Ion:	146	Resp:	71863
Ion Ratio	Lower	Upper	
146	100		
148	57.3	51.4	77.2
75	27.0	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 38.243 ng

RT: 8.75 min Scan# 929

Delta R.T. -0.02 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Instrument :

BNA_G

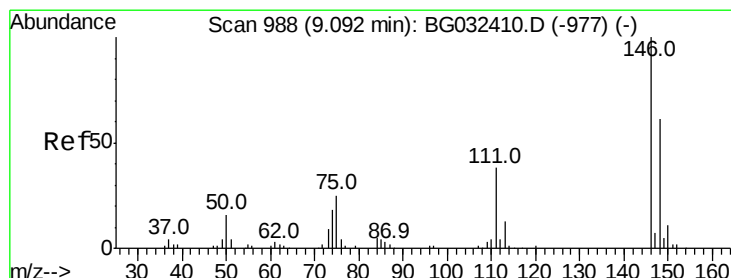
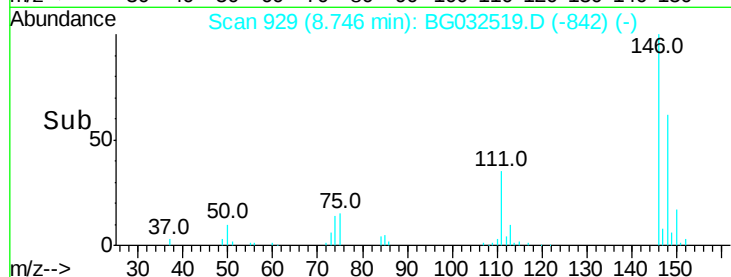
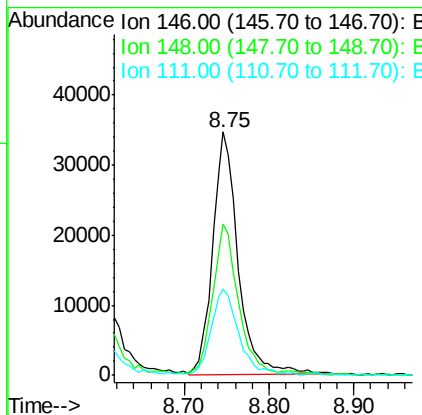
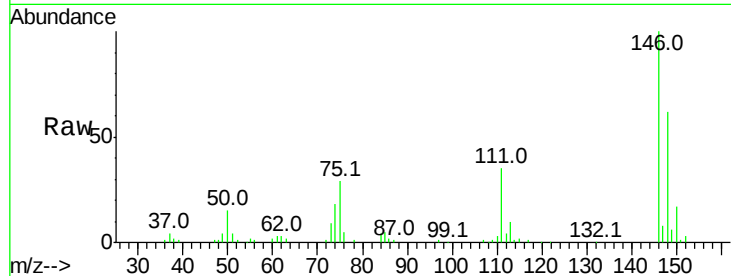
ClientSampleId :

PB106268BS

Tot Ion:	146	Resp:	73597
Ion Ratio	Lower	Upper	
146	100		
148	62.4	53.7	80.5
111	35.5	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 37.785 ng

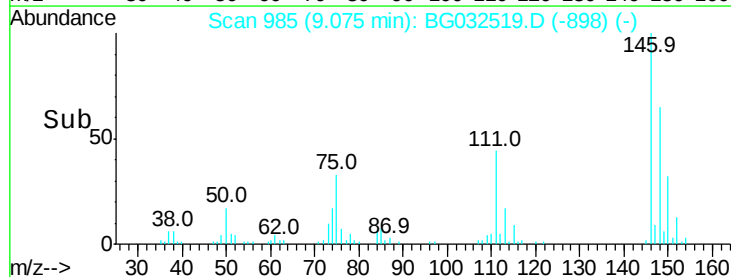
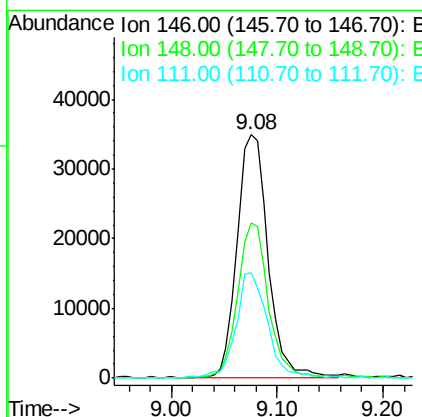
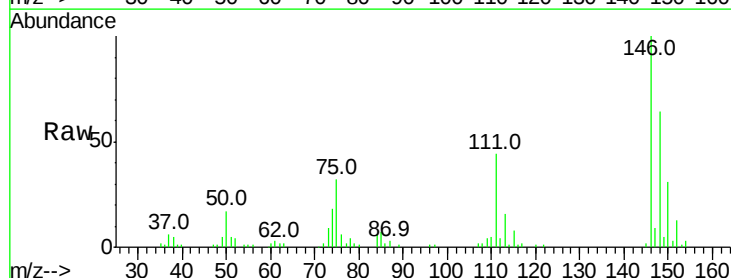
RT: 9.08 min Scan# 985

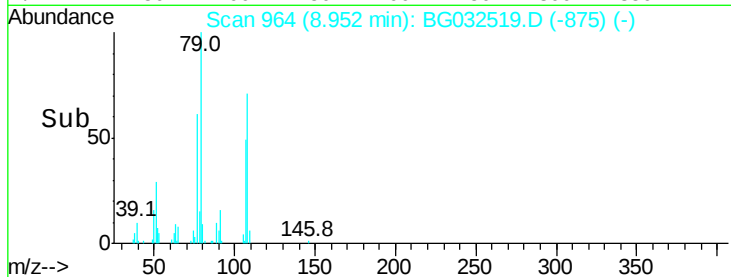
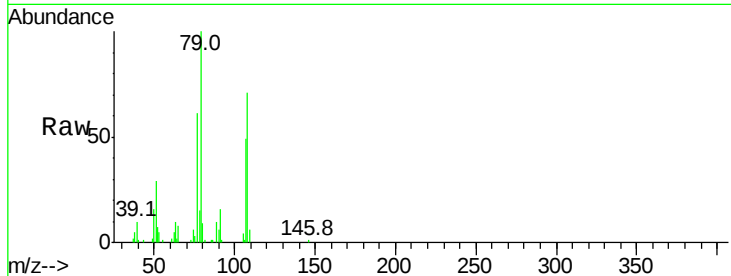
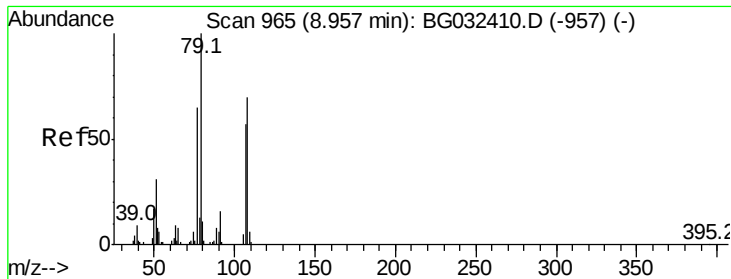
Delta R.T. -0.02 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Tgt Ion:	146	Resp:	71234
Ion Ratio	Lower	Upper	
146	100		
148	63.9	49.3	73.9
111	43.5	34.3	51.5





#15

Benzyl Alcohol

Concen: 37.646 ng

RT: 8.95 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Tot Ion:	79	Resp:	49728
Ion Ratio	Lower	Upper	
79	100		
108	71.2	57.2	85.8
77	61.3	46.1	69.1

Instrument :

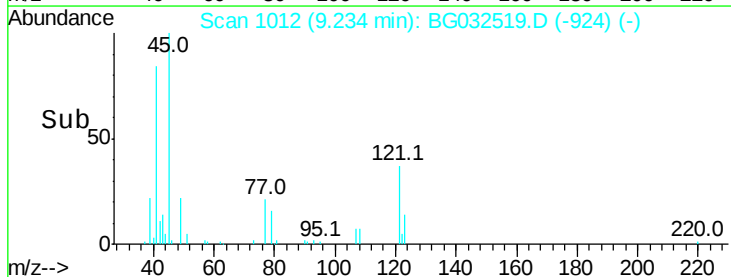
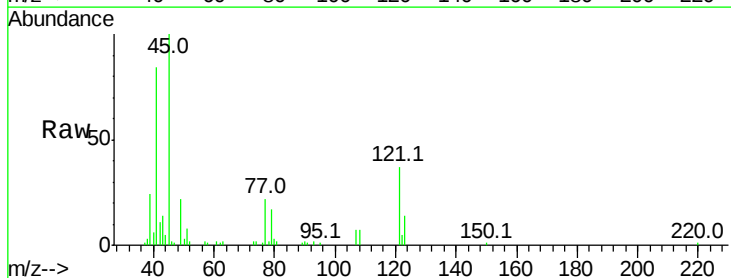
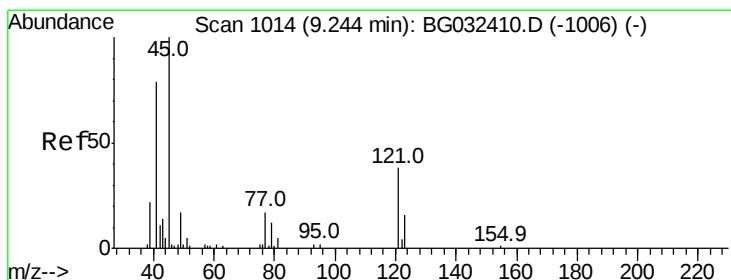
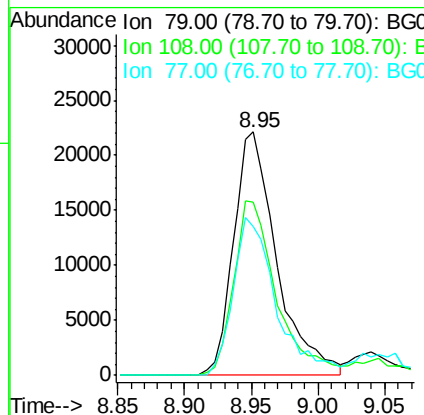
BNA_G

ClientSampleId :

PB106268BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.469 ng

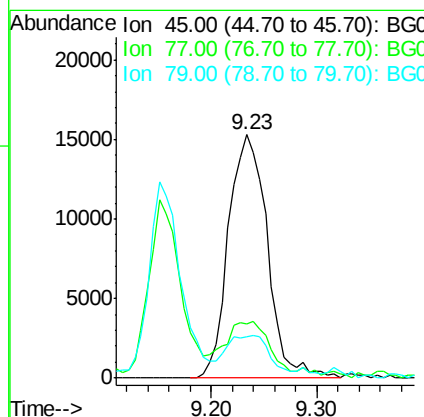
RT: 9.23 min Scan# 1012

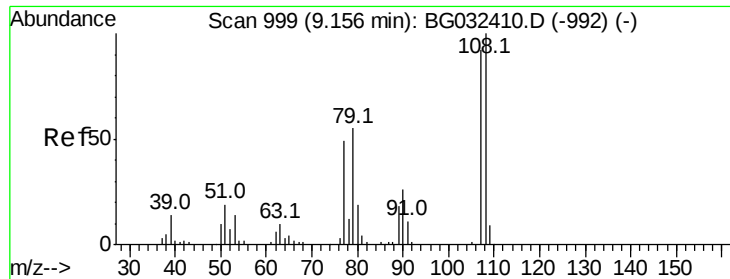
Delta R.T. -0.01 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Tgt Ion:	45	Resp:	38979
Ion Ratio	Lower	Upper	
45	100		
77	22.0	0.0	30.2
79	16.9	0.0	27.9





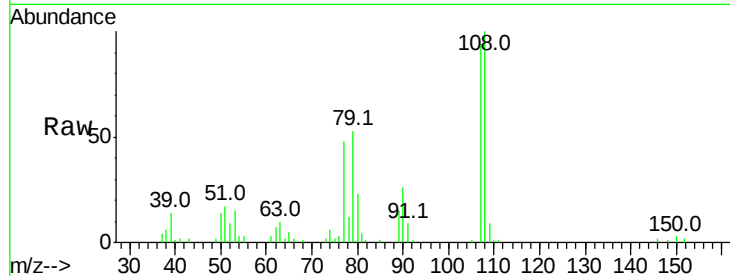
#17
2-Methylphenol
Concen: 39.701 ng
RT: 9.16 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Instrument :
BNA_G
ClientSampleId :
PB106268BS

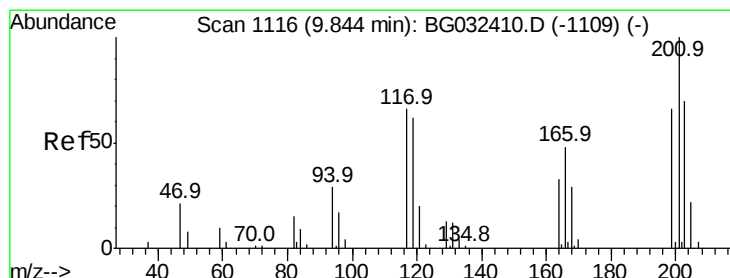
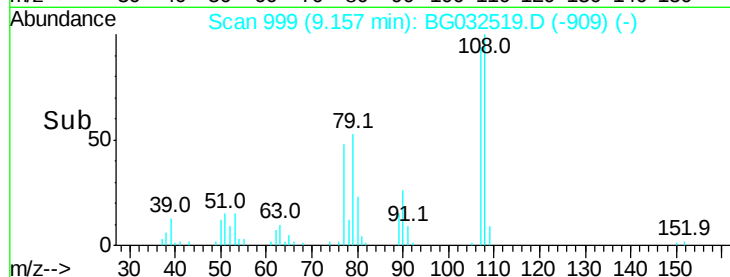
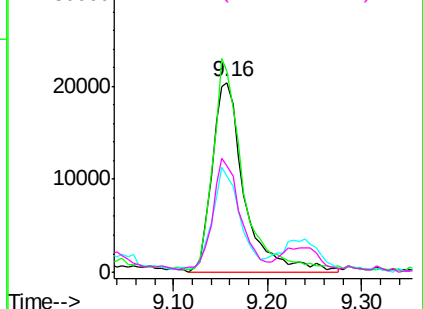
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.9	83.9	125.9	
77	50.6	37.2	55.8	
79	56.2	36.2	54.2	

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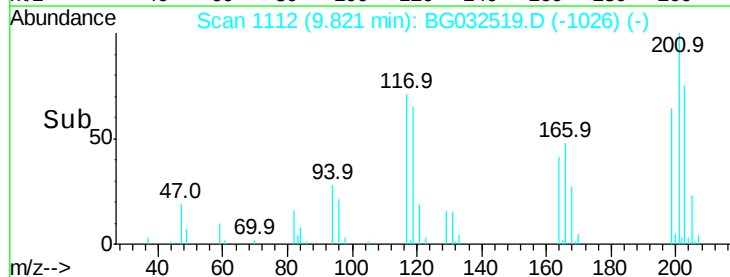
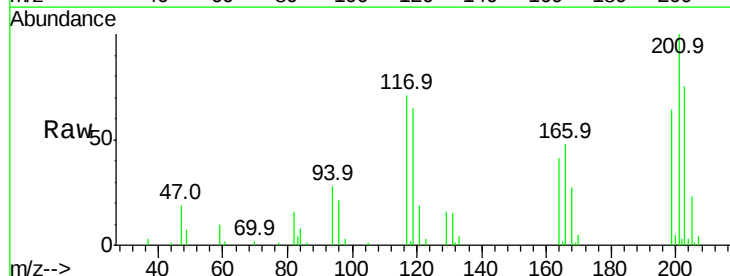
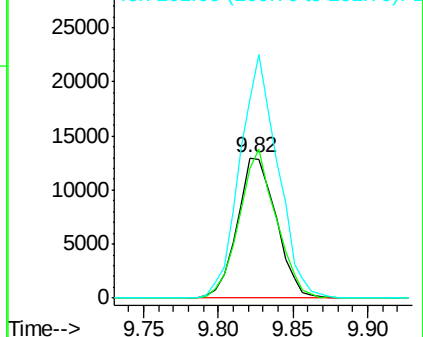
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

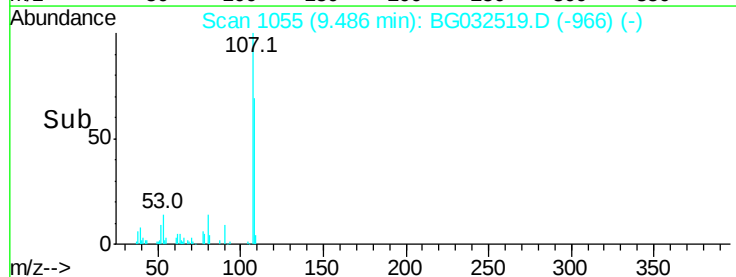
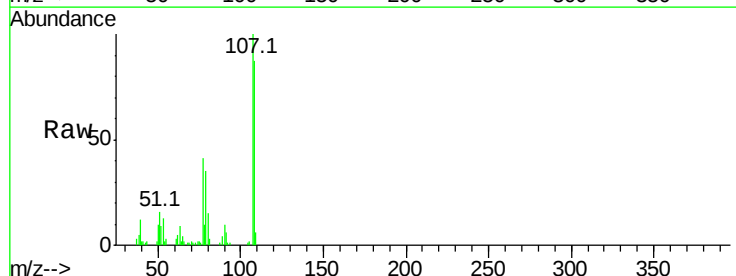
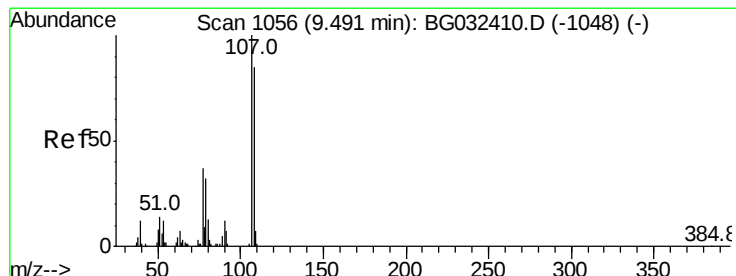
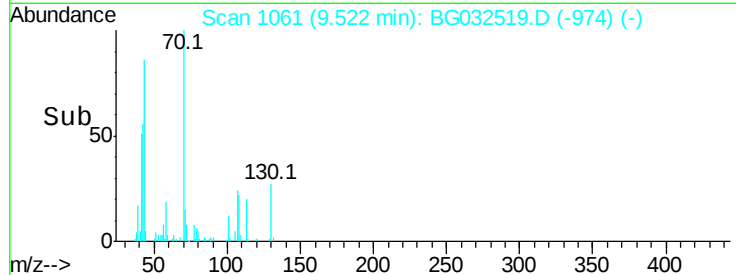
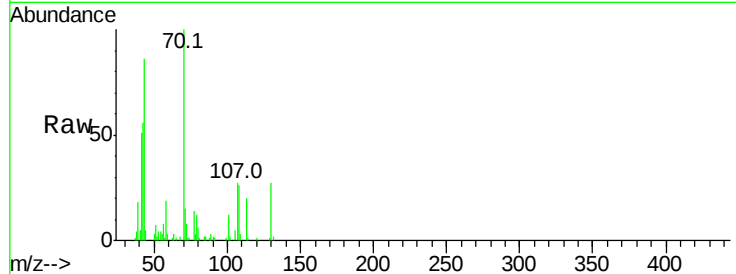
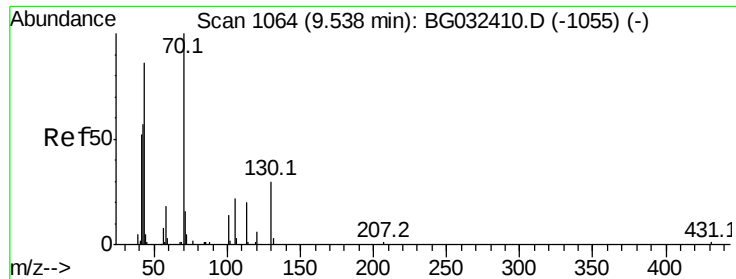


#18
Hexachloroethane
Concen: 36.313 ng
RT: 9.82 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.5	76.7	115.1	
201	141.8	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





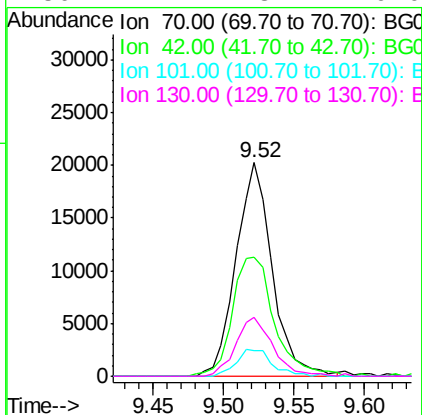
#19
n-Nitroso-di-n-propylamine
Concen: 34.133 ng
RT: 9.52 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Tot Ion	Ion	Ratio	Lower	Upper
36274	70	100		
	42	55.8	49.1	73.7
	101	12.2	8.5	12.7
	130	27.4	13.4	20.0

Instrument :
BNA_G
ClientSampleId :
PB106268BS

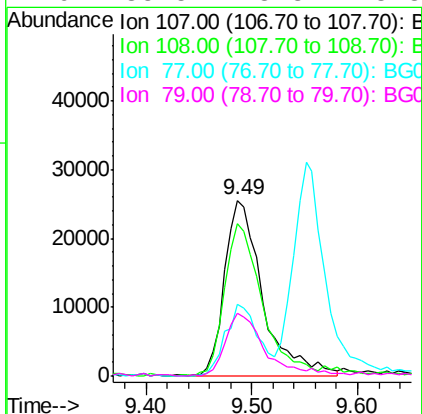
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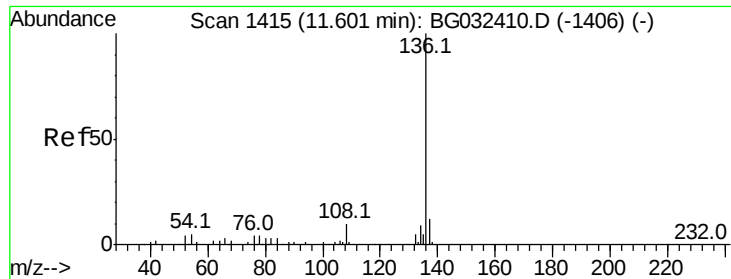
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#20
3+4-Methylphenols
Concen: 36.875 ng
RT: 9.49 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Tgt Ion	Ion	Ratio	Lower	Upper
63943	107	100		
	108	86.5	61.6	101.6
	77	40.6	13.9	53.9
	79	35.5	8.8	48.8





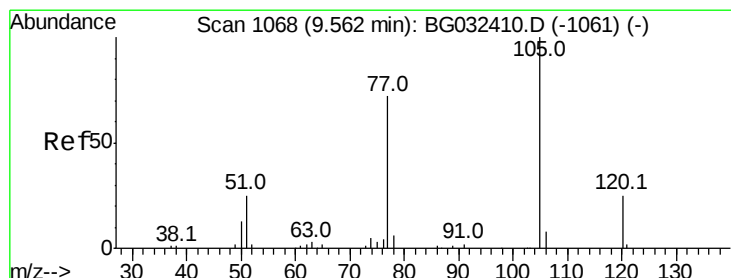
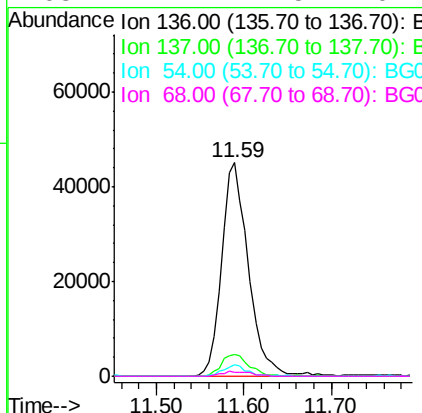
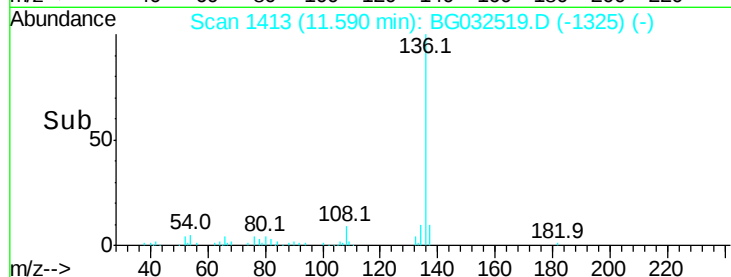
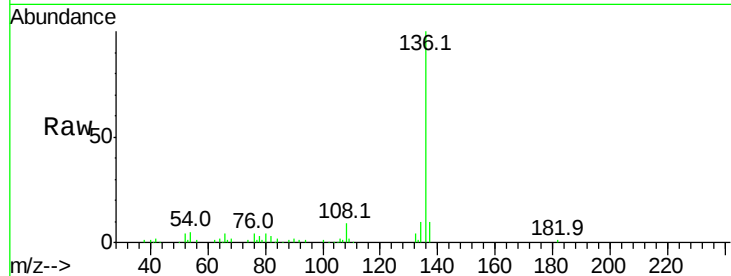
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Instrument :
BNA_G
ClientSampleId :
PB106268BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.1	9.2	13.8	
54	5.2	10.3	15.5#	
68	2.1	4.5	6.7#	

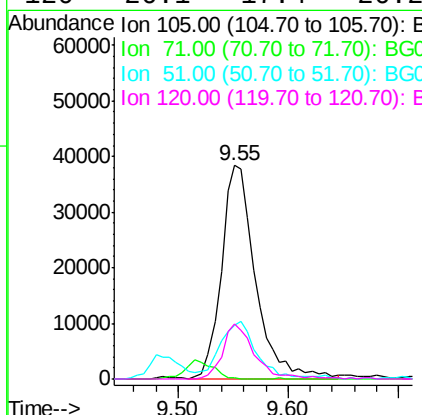
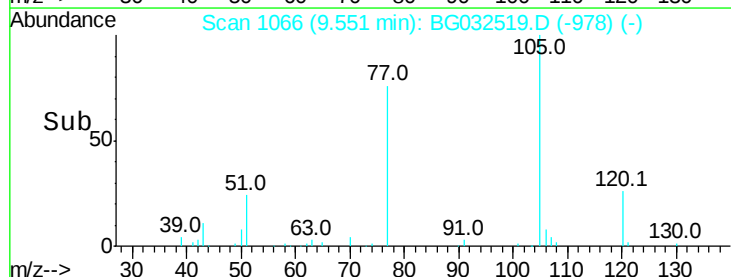
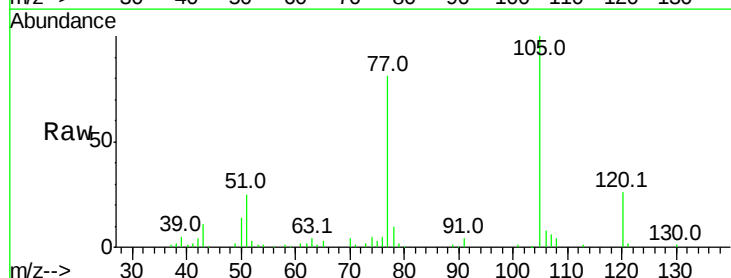
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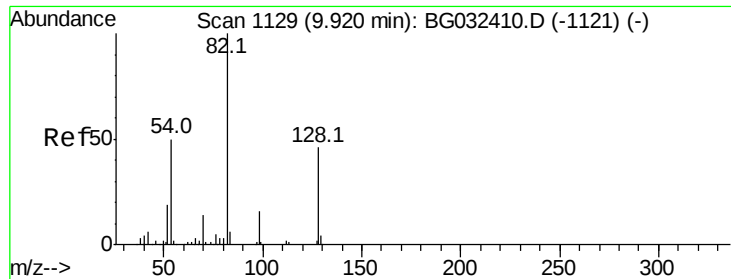
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#22
Acetophenone
Concen: 37.078 ng
RT: 9.55 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.8	3.0	4.4#	
51	25.4	26.1	39.1#	
120	26.1	17.4	26.2	





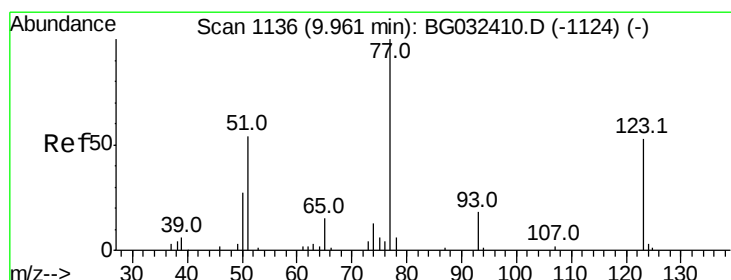
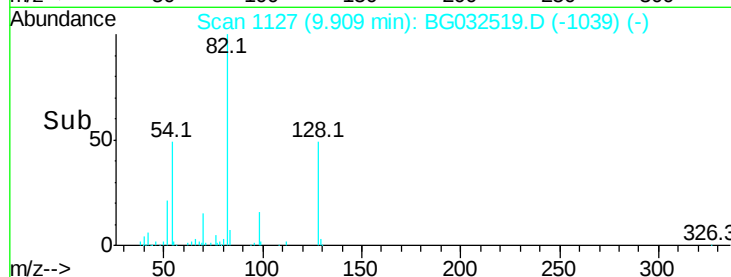
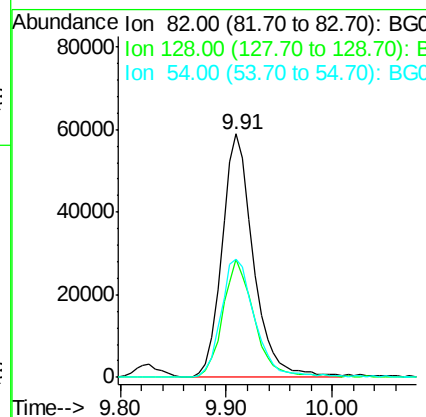
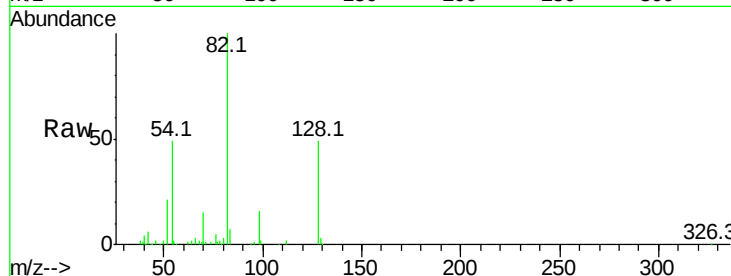
#23
Nitrobenzene-d5
Concen: 79.973 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Instrument :
BNA_G
ClientSampleId :
PB106268BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.6	29.7	44.5#	
54	48.8	43.1	64.7	

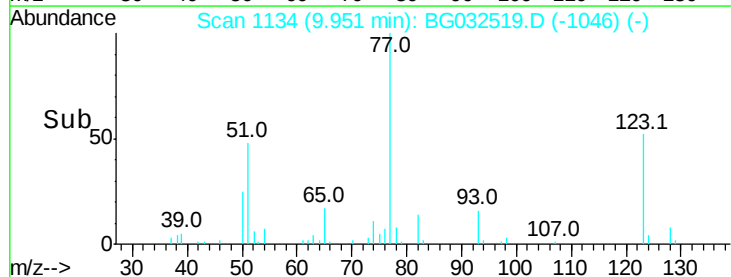
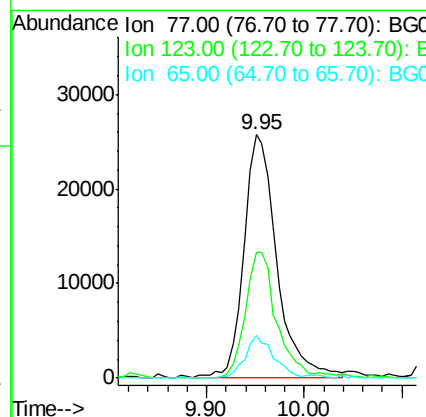
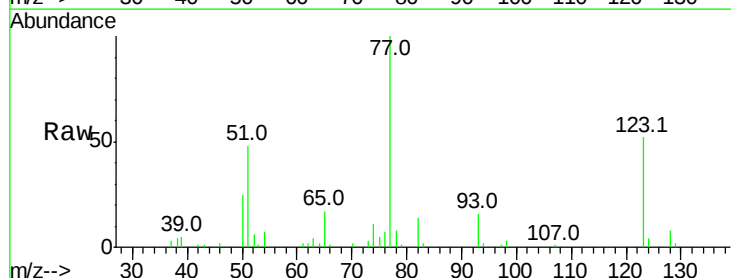
Manual Integrations
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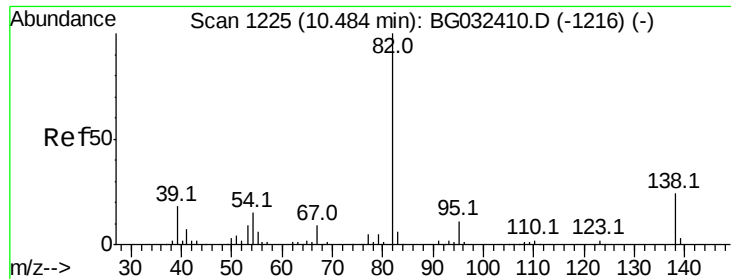
Sohil
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#24
Nitrobenzene
Concen: 41.000 ng
RT: 9.95 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.6	33.0	49.6#	
65	17.5	13.0	19.6	





#25

Isophorone

Concen: 41.958 ng

RT: 10.47 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Instrument :

BNA_G

ClientSampleId :

PB106268BS

Tot Ion: 82 Resp: 108847

Ion Ratio Lower Upper

82 100

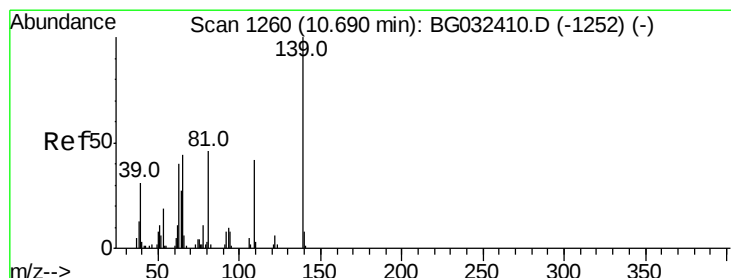
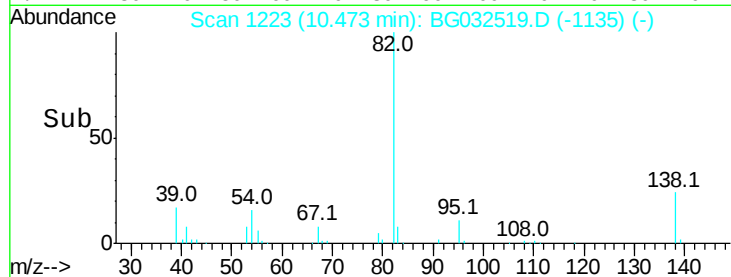
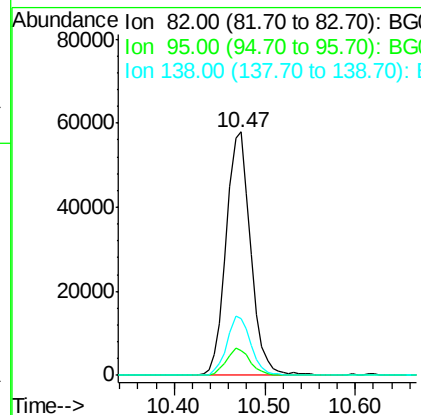
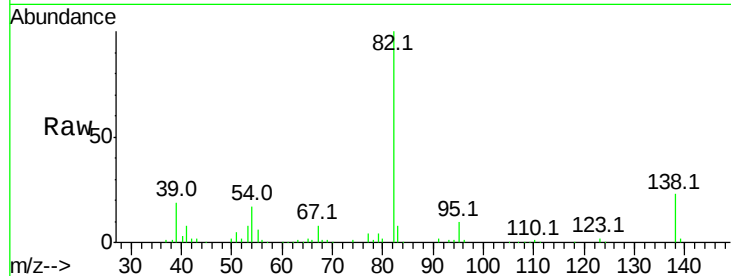
95 10.1 6.2 9.2#

138 23.4 12.1 18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.342 ng

RT: 10.68 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

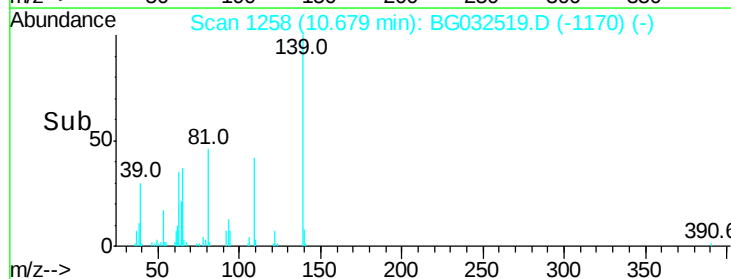
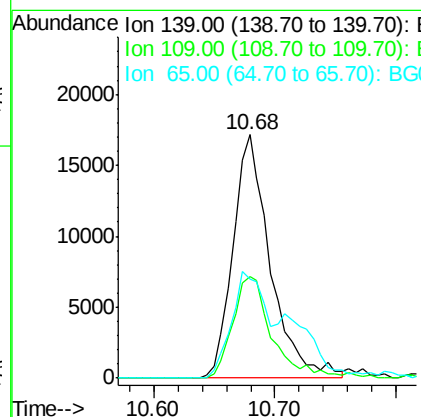
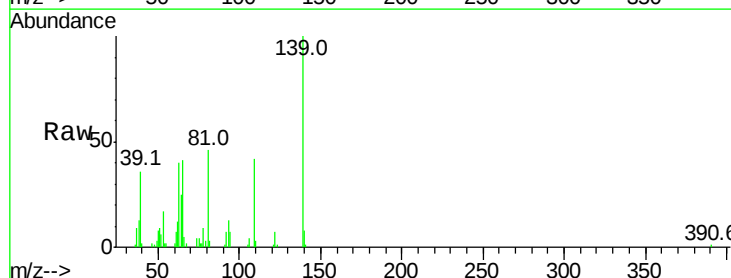
Tgt Ion: 139 Resp: 36818

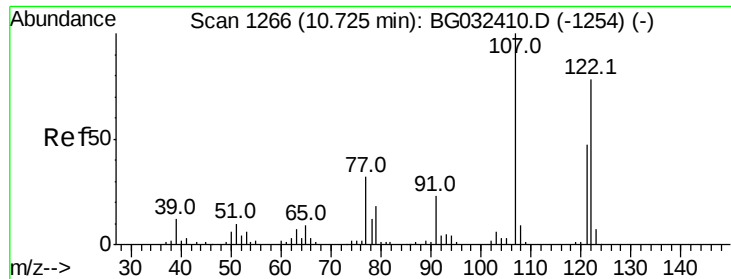
Ion Ratio Lower Upper

139 100

109 41.8 24.2 36.2#

65 40.5 47.4 71.0#





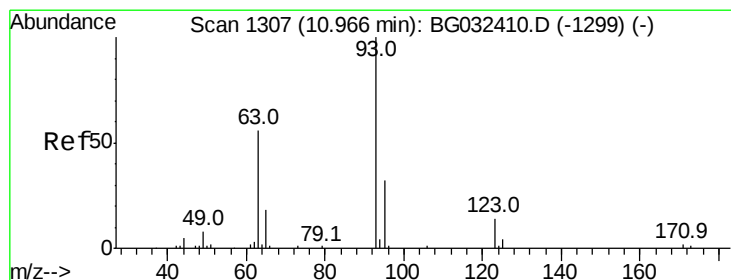
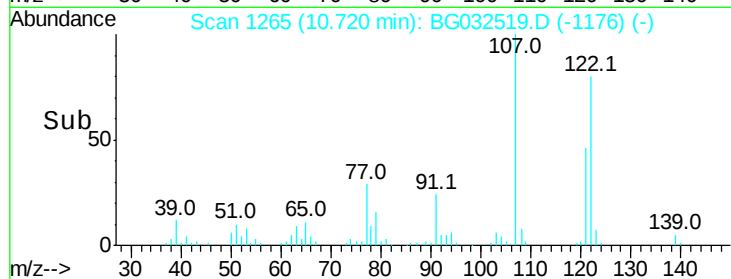
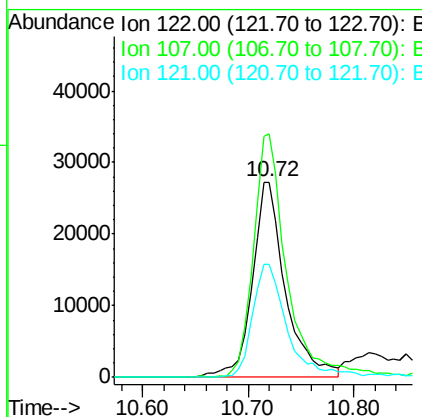
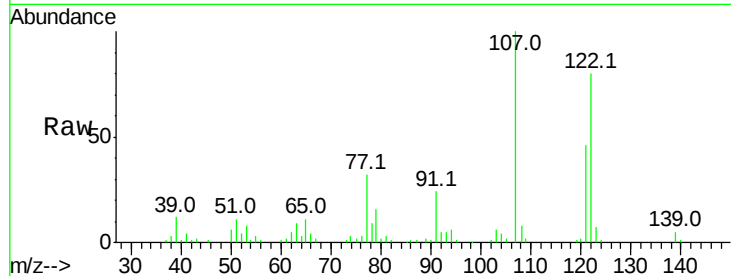
#27
 2,4-Dimethylphenol
 Concen: 46.679 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG032519.D
 Acq: 2 Feb 2018 19:31

Instrument :
 BNA_G
 ClientSampleId :
 PB106268BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.7	100.2	150.2
121	57.7	44.4	66.6

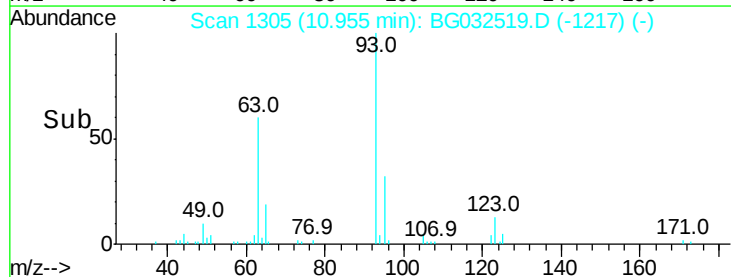
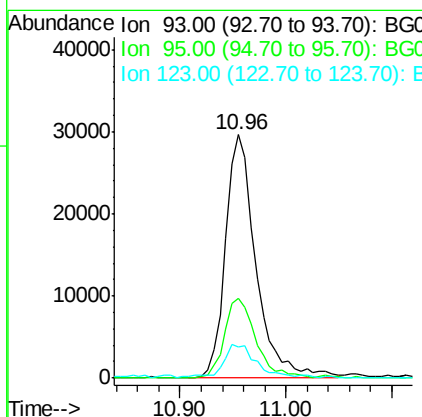
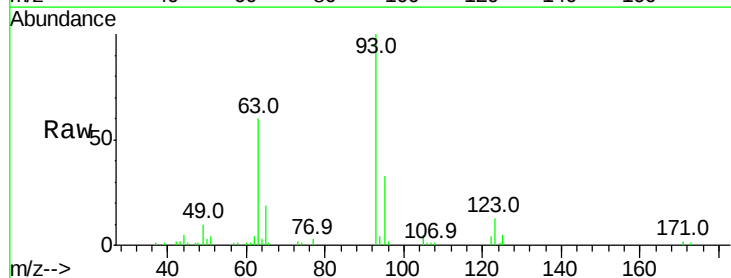
Manual Integrations
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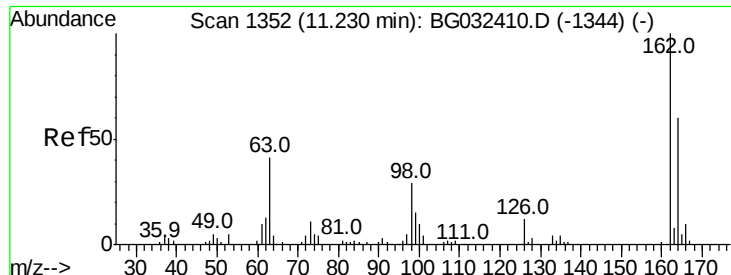
Sohil
 2/5/2018 11:15:13 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.627 ng
 RT: 10.96 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BG032519.D
 Acq: 2 Feb 2018 19:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	24.3	36.5
123	13.0	8.4	12.6





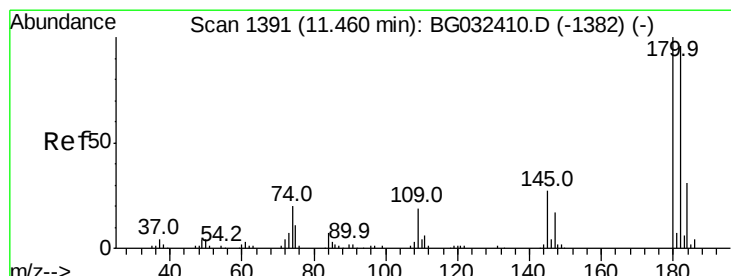
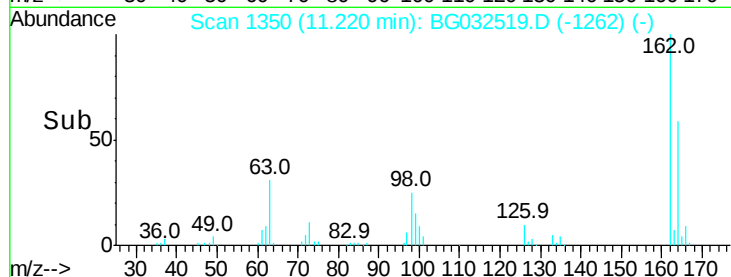
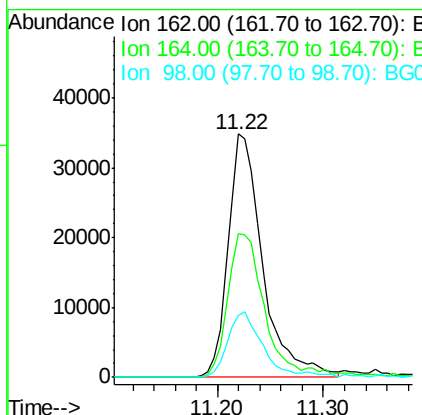
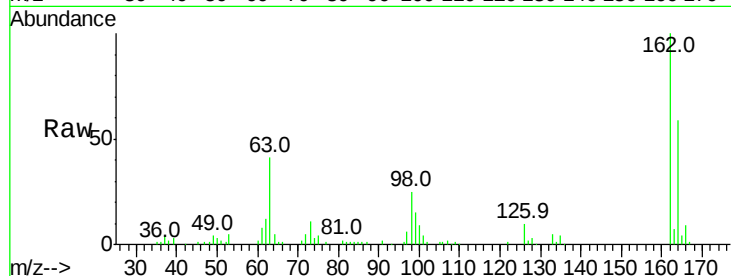
#29
2,4-Dichlorophenol
Concen: 46.527 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Instrument :
BNA_G
ClientSampleId :
PB106268BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	58.9	48.0	88.0
98	25.3	21.1	61.1

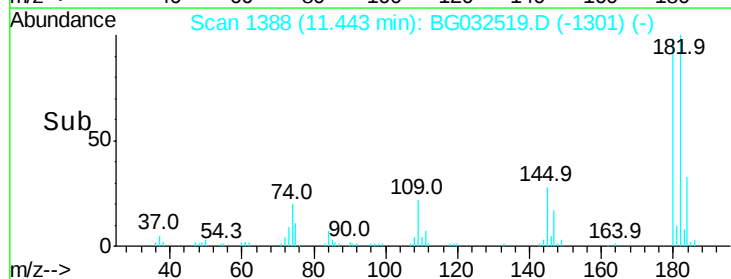
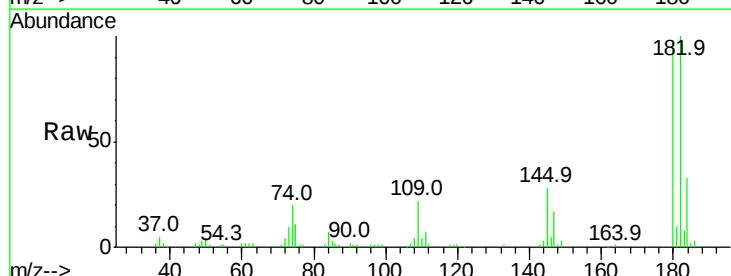
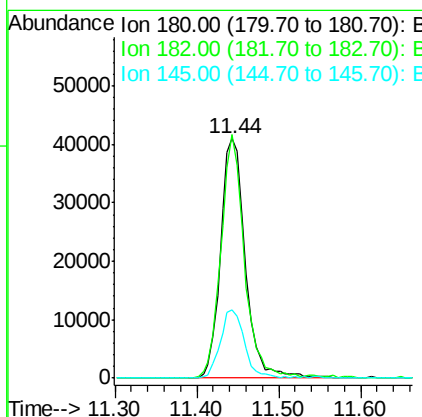
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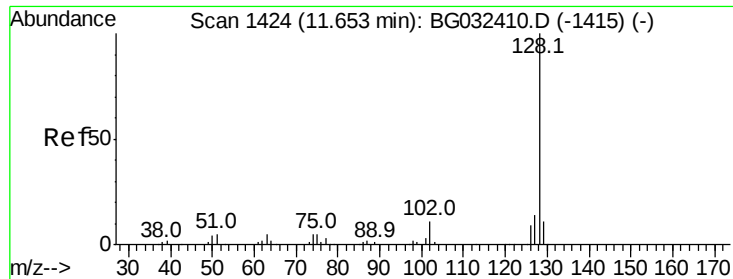
Sohil
2/5/2018 11:15:13 AM



#30
1,2,4-Trichlorobenzene
Concen: 38.246 ng
RT: 11.44 min Scan# 1388
Delta R.T. -0.02 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.8	77.5	116.3
145	28.5	23.4	35.2





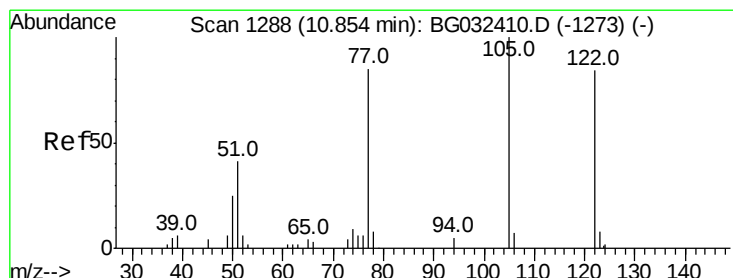
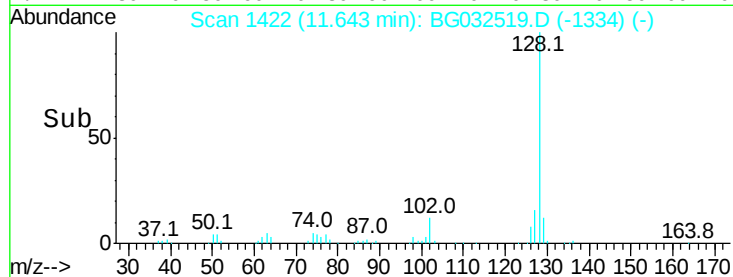
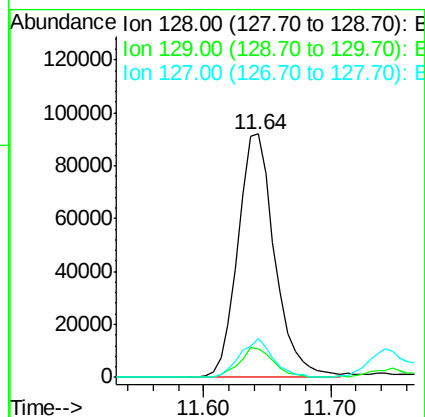
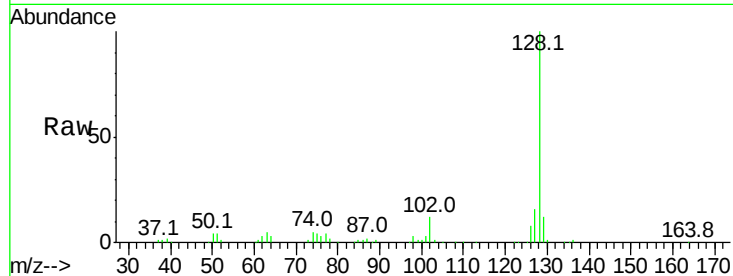
#31
Naphthalene
Concen: 40.002 ng
RT: 11.64 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Instrument :
BNA_G
ClientSampleId :
PB106268BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	185919		
129	11.9	8.6	12.8	
127	16.0	11.6	17.4	

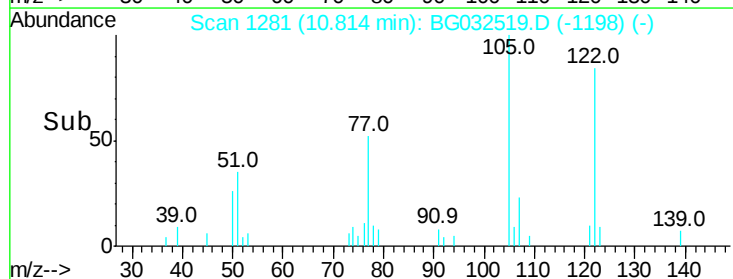
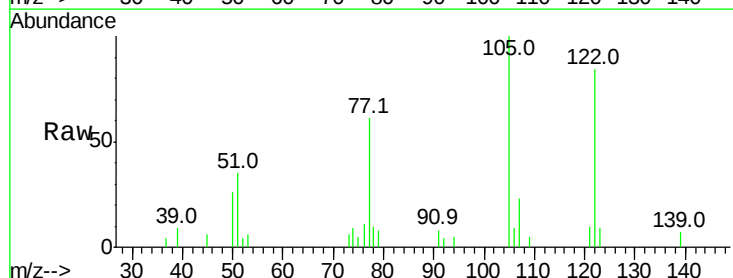
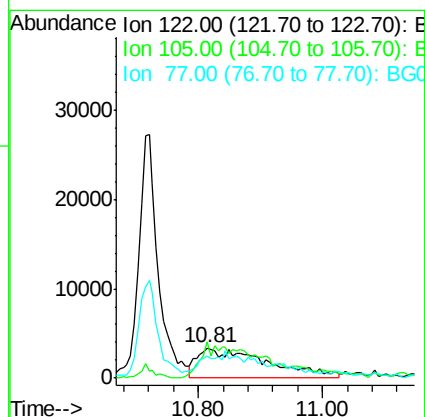
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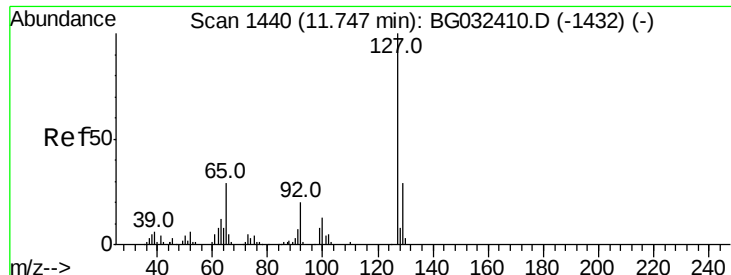
Sohil
2/5/2018 11:15:13 AM



#32
Benzoic acid
Concen: 30.514 ng m
RT: 10.81 min Scan# 1281
Delta R.T. -0.04 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	26114		
105	118.9	123.5	163.5#	
77	73.1	85.7	125.7#	





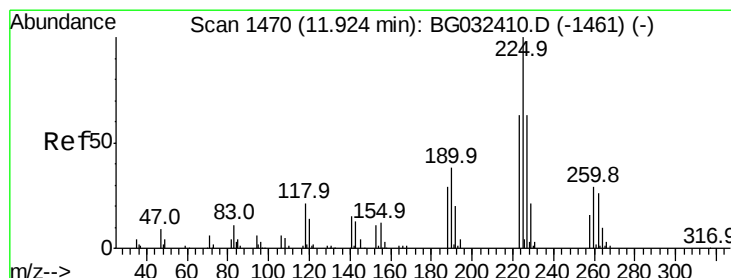
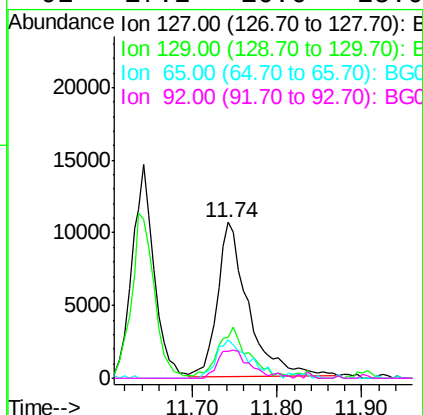
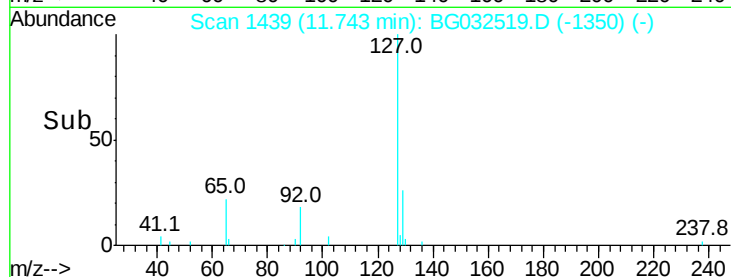
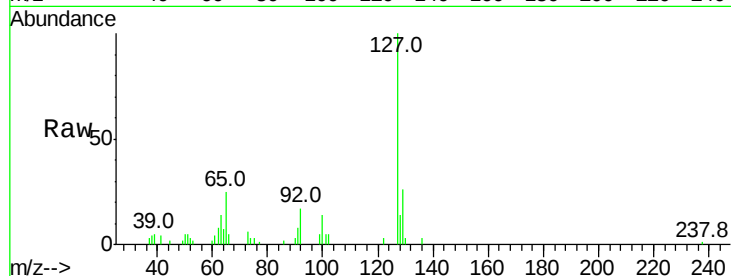
#33
4-Chloroaniline
Concen: 13.037 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Instrument :
BNA_G
ClientSampleId :
PB106268BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	26.3	24.0	36.0		
65	24.7	27.0	40.4		
92	17.2	16.6	25.0		

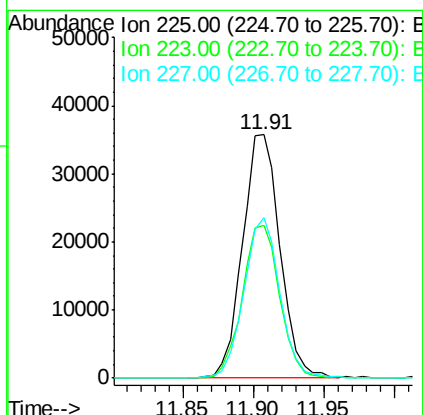
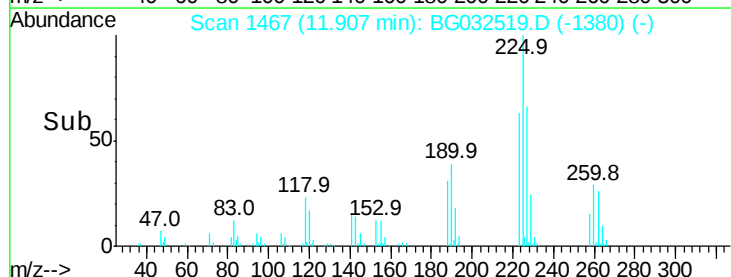
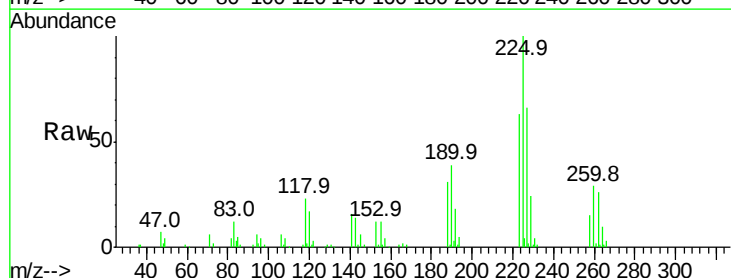
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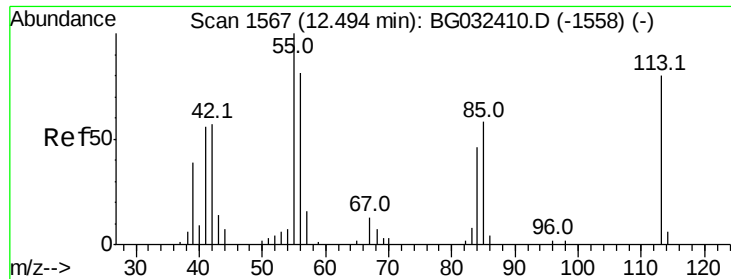
Sohil
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#34
Hexachlorobutadiene
Concen: 37.817 ng
RT: 11.91 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	49.7	74.5		
227	65.8	48.1	72.1		





#35

Caprolactam

Concen: 45.885 ng

RT: 12.49 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Instrument :

BNA_G

ClientSampleId :

PB106268BS

Tot Ion:113 Resp: 22305

Ion Ratio Lower Upper

113 100

55 107.9 186.9 226.9#

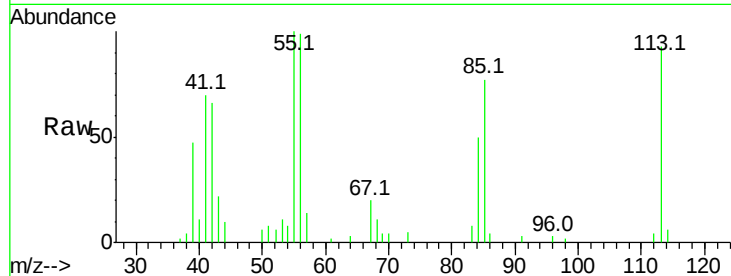
56 106.4 130.9 170.9#

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Sohil

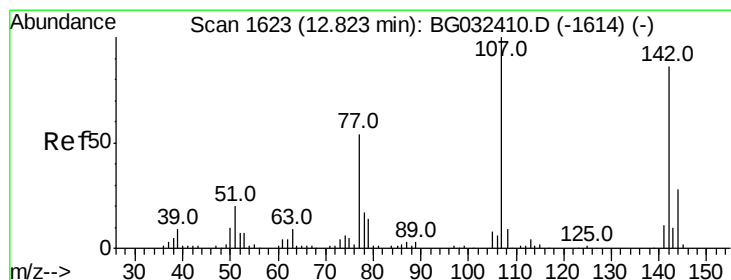
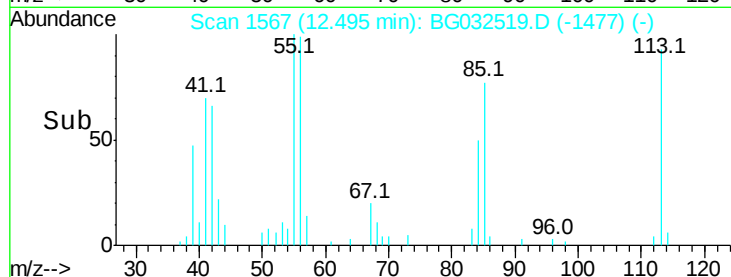
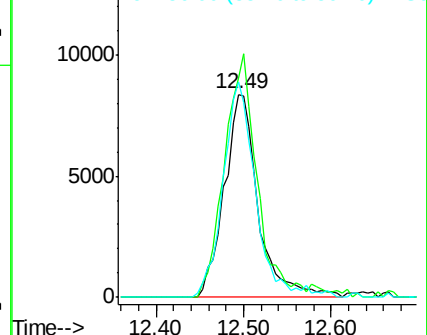
2/5/2018 11:15:13 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.055 ng

RT: 12.82 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

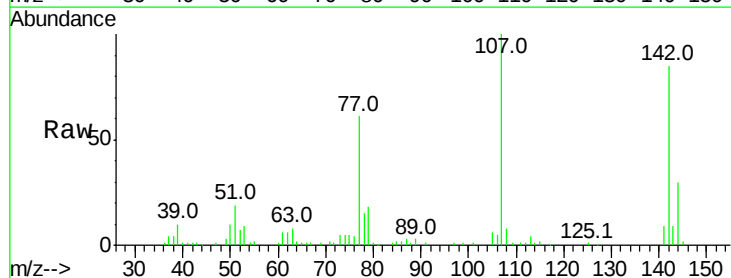
Tgt Ion:107 Resp: 72367

Ion Ratio Lower Upper

107 100

144 30.1 18.2 27.4#

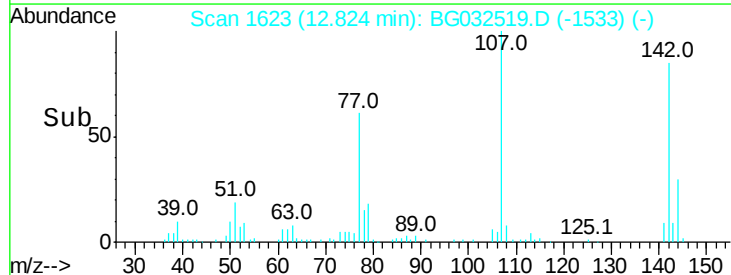
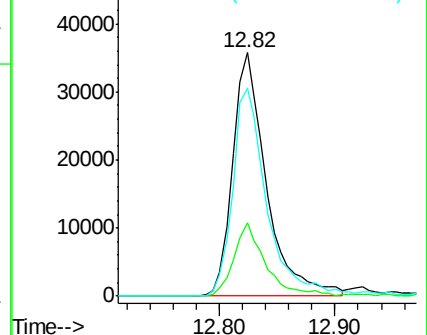
142 85.1 59.0 88.4

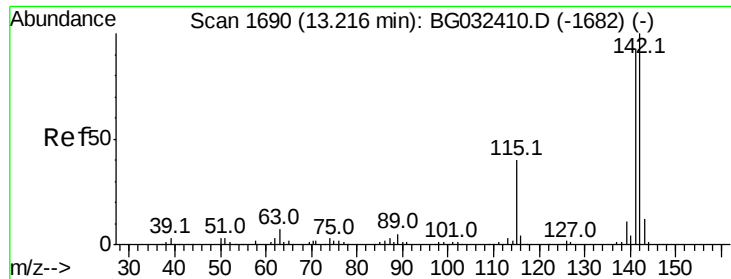


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





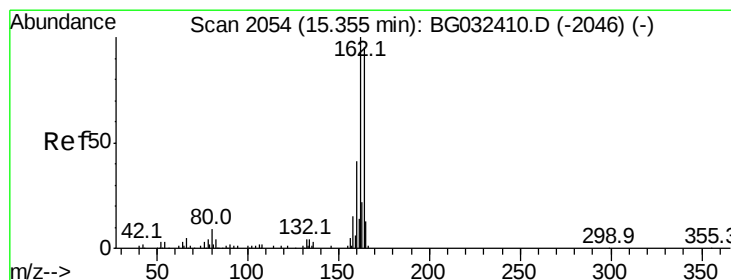
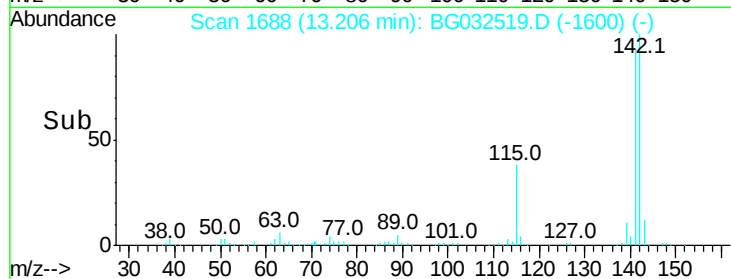
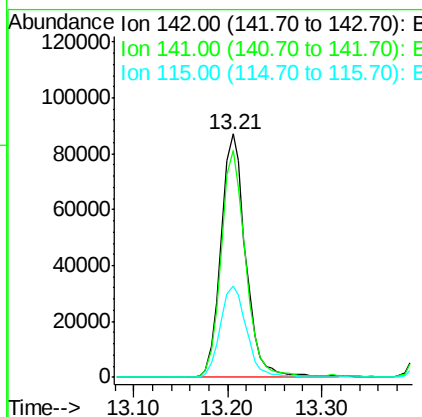
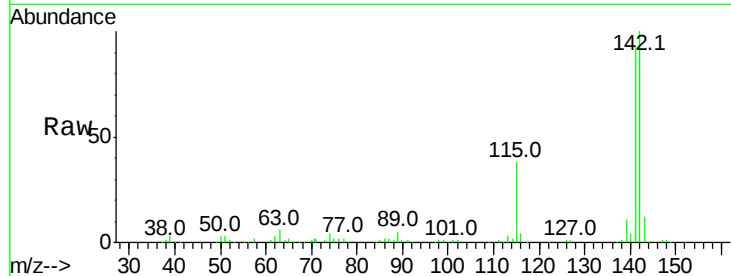
#37
2-Methylnaphthalene
Concen: 41.074 ng
RT: 13.21 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Instrument :
BNA_G
ClientSampleId :
PB106268BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.4	67.1	100.7
115	37.6	30.7	46.1

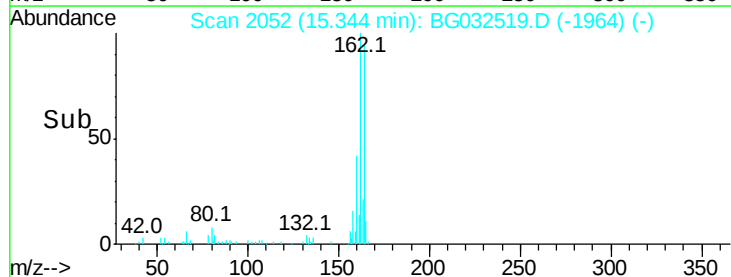
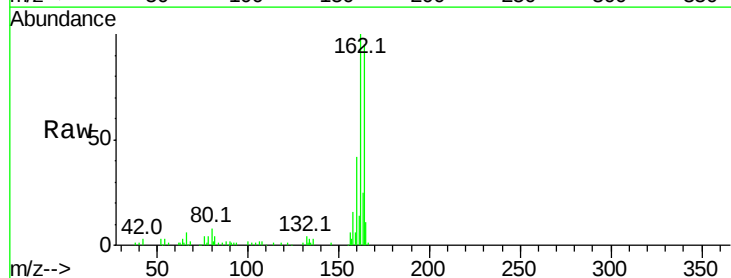
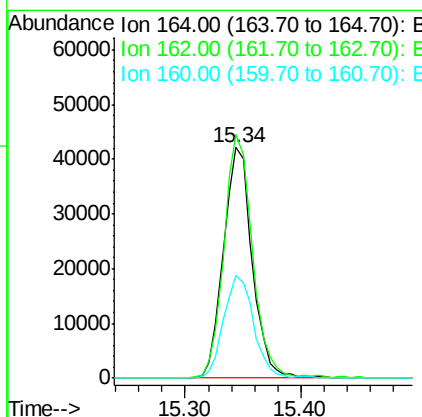
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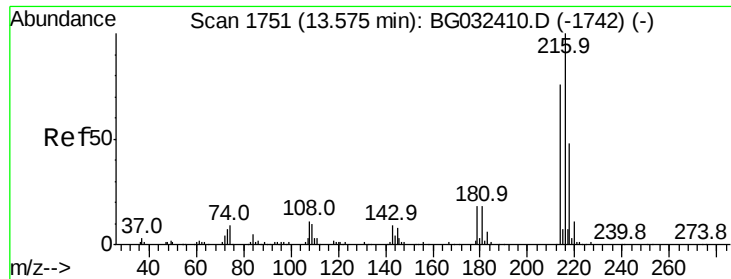
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	78.8	118.2
160	44.7	35.4	53.0





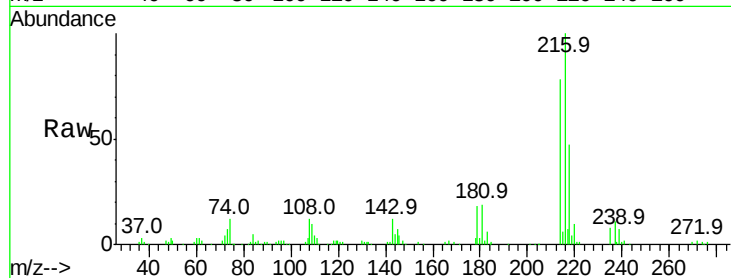
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.651 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.02 min
 Lab File: BG032519.D
 Acq: 2 Feb 2018 19:31

Instrument :
 BNA_G
 ClientSampleId :
 PB106268BS

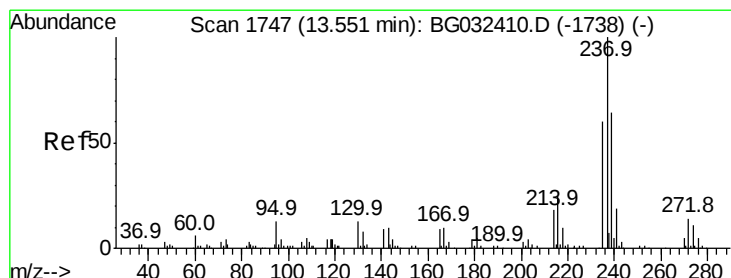
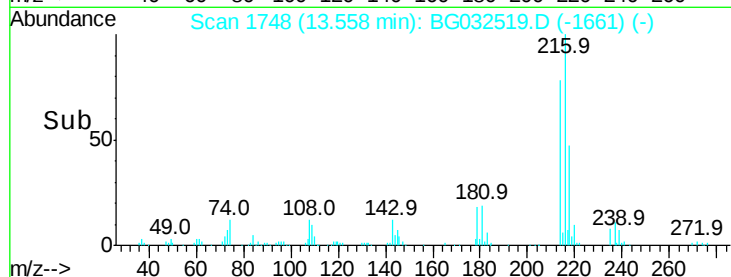
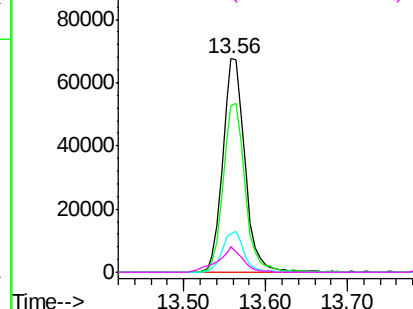
Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.2	63.0	94.4	
179	18.4	17.0	25.6	
108	13.1	12.8	19.2	

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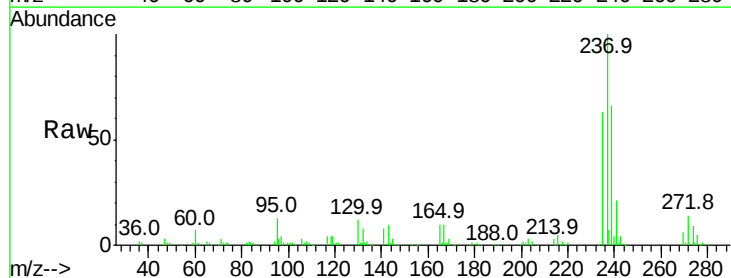


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

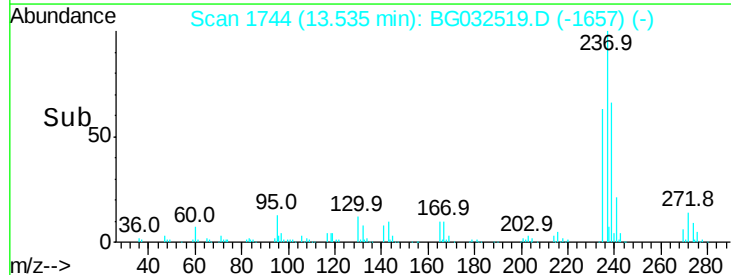
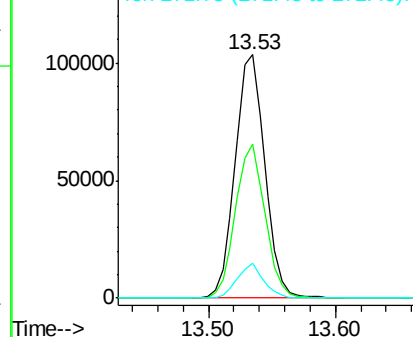


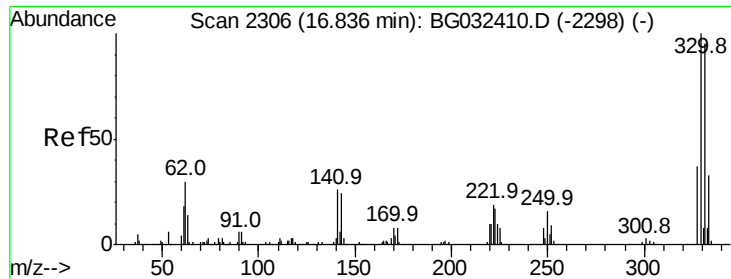
#40
 Hexachlorocyclopentadiene
 Concen: 79.018 ng
 RT: 13.53 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BG032519.D
 Acq: 2 Feb 2018 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.2	50.4	90.4	
272	14.2	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: 130.577 ng

RT: 16.82 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Instrument :

BNA_G

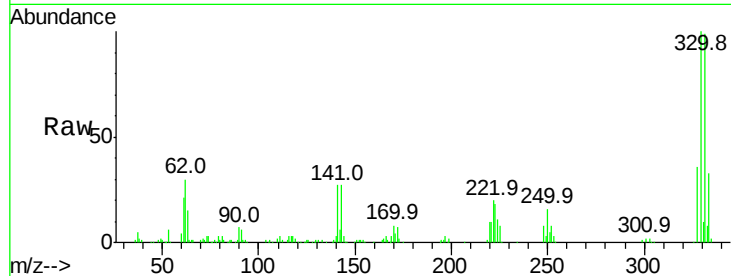
ClientSampleId :

PB106268BS

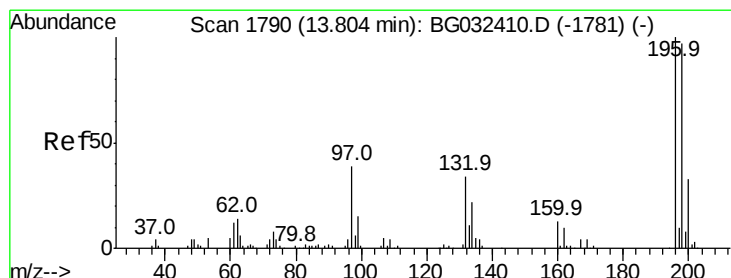
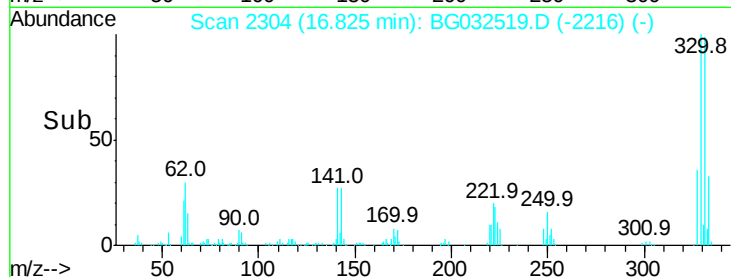
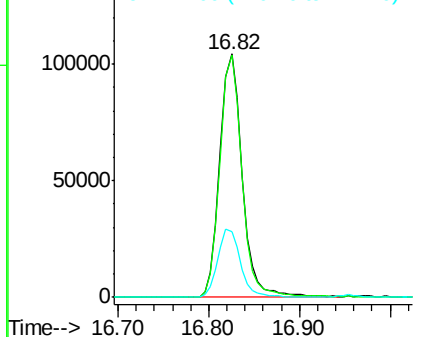
Tot Ion:	330	Resp:	180079
Ion Ratio	Lower	Upper	
330	100		
332	97.6	77.0	115.6
141	28.5	25.2	37.8

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 42.594 ng

RT: 13.79 min Scan# 1788

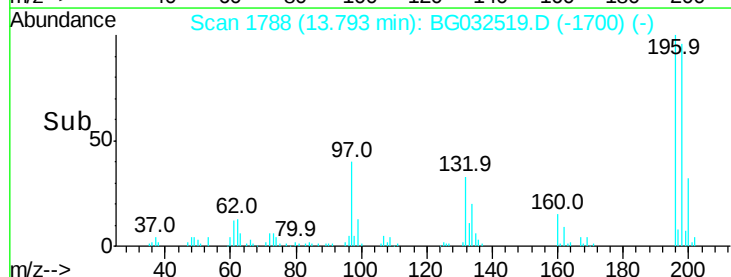
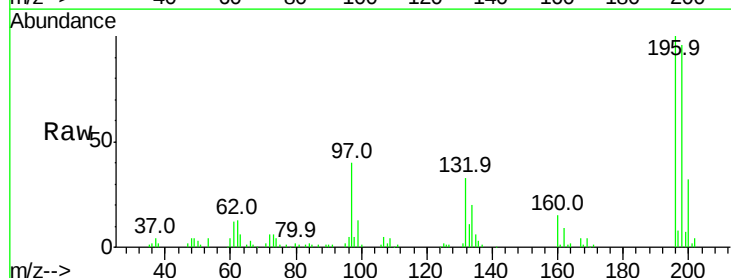
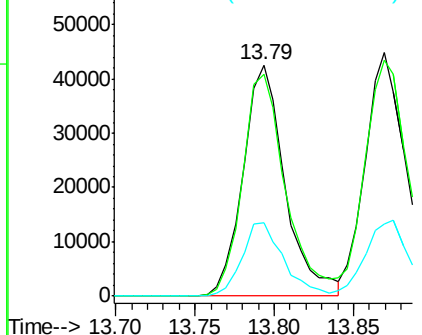
Delta R.T. -0.01 min

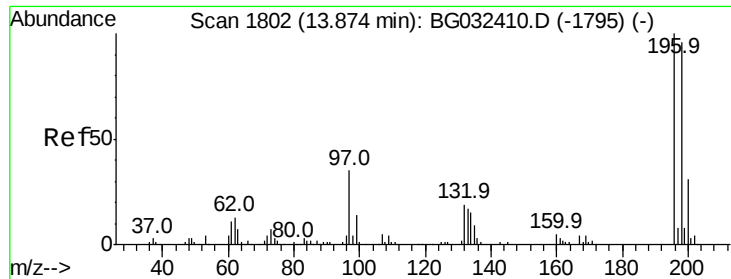
Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Tgt Ion:	196	Resp:	78529
Ion Ratio	Lower	Upper	
196	100		
198	96.1	78.2	117.2
200	31.7	24.6	36.8

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





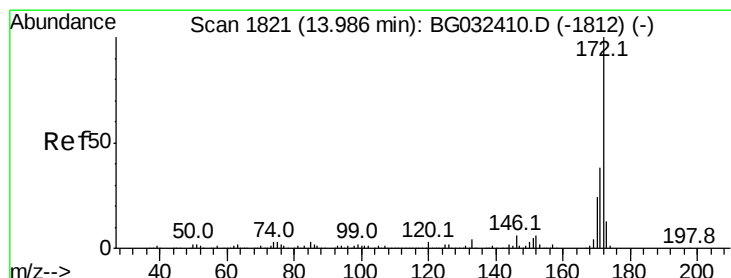
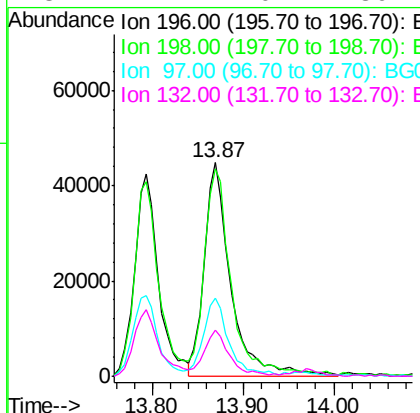
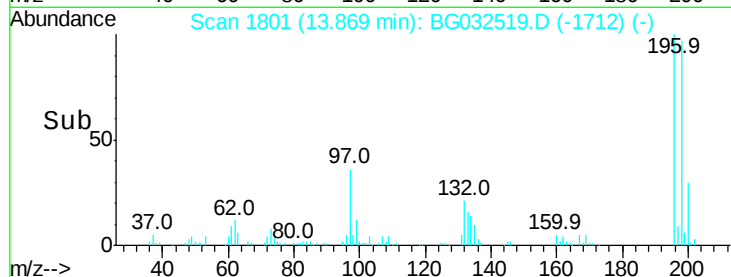
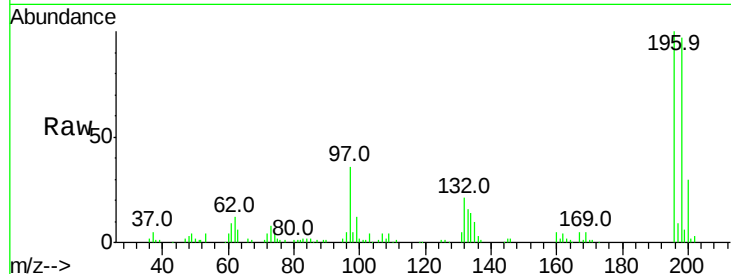
#43
 2,4,5-Trichlorophenol
 Concen: 42.829 ng
 RT: 13.87 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG032519.D
 Acq: 2 Feb 2018 19:31

Instrument :
 BNA_G
 ClientSampleId :
 PB106268BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	92048		
198	97.0	76.2	114.4	
97	36.4	38.7	58.1	#
132	21.4	20.2	30.2	

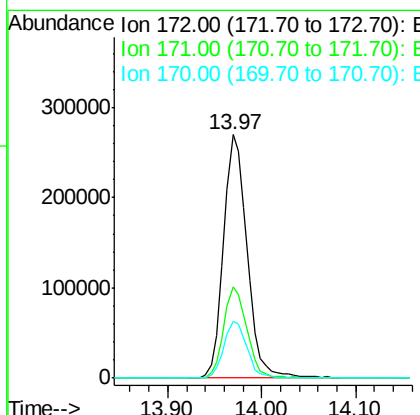
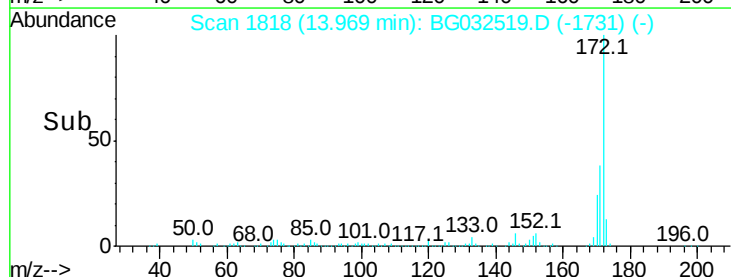
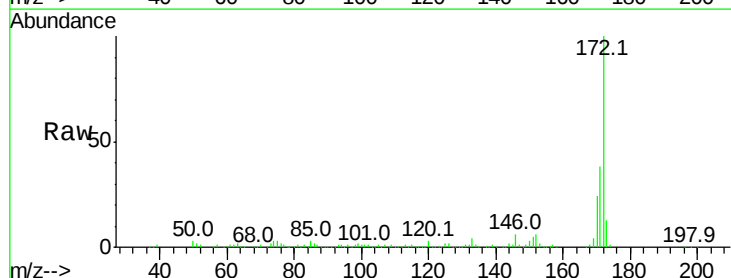
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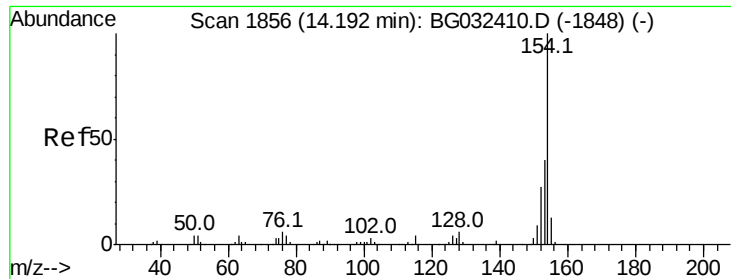
Sohil
 2/5/2018 11:15:13 AM



#44
 2-Fluorobiphenyl
 Concen: 77.310 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BG032519.D
 Acq: 2 Feb 2018 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	471258		
171	37.6	30.0	45.0	
170	23.5	19.5	29.3	





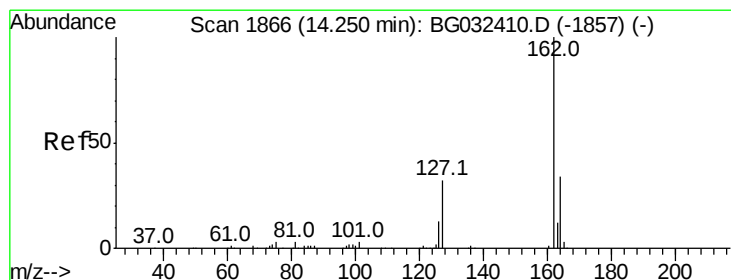
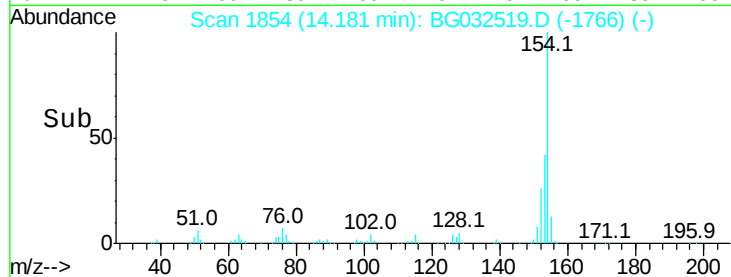
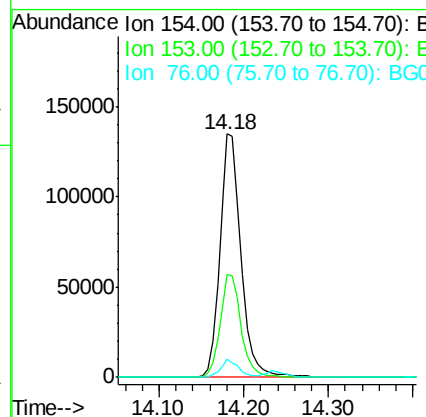
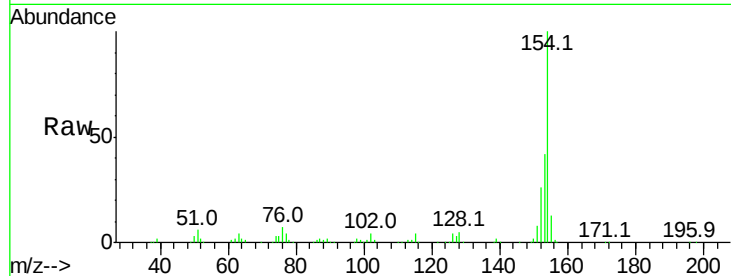
#45
 1,1'-Biphenyl
 Concen: 38.521 ng
 RT: 14.18 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BG032519.D
 Acq: 2 Feb 2018 19:31

Instrument :
 BNA_G
 ClientSampleId :
 PB106268BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.1	19.8	59.8
76	7.5	0.0	31.9

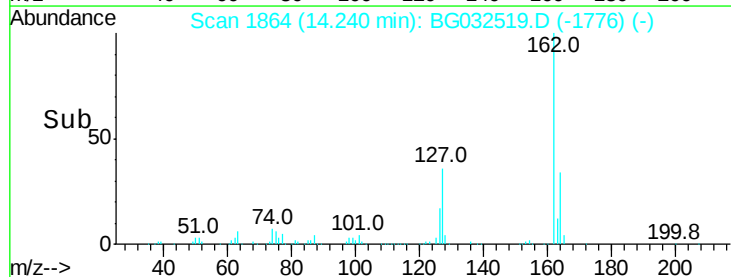
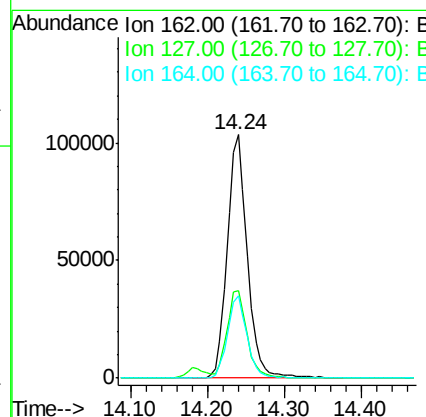
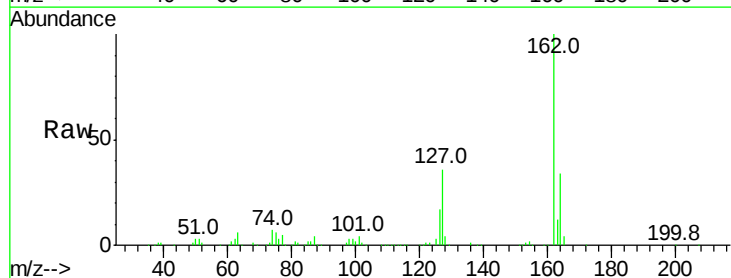
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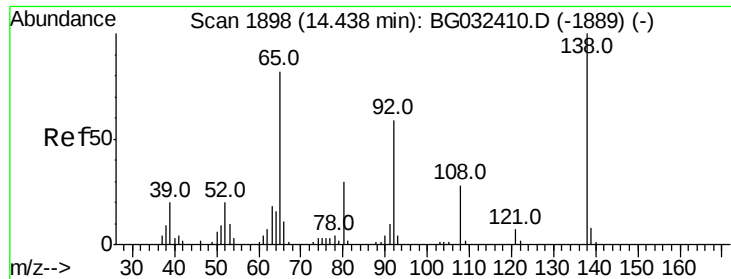
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#46
 2-Chloronaphthalene
 Concen: 39.085 ng
 RT: 14.24 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BG032519.D
 Acq: 2 Feb 2018 19:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.7	30.7	46.1
164	34.0	26.0	39.0





#47

2-Nitroaniline

Concen: 42.488 ng

RT: 14.43 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Instrument :

BNA_G

ClientSampleId :

PB106268BS

Tot Ion: 65 Resp: 45077

Ion Ratio Lower Upper

65 100

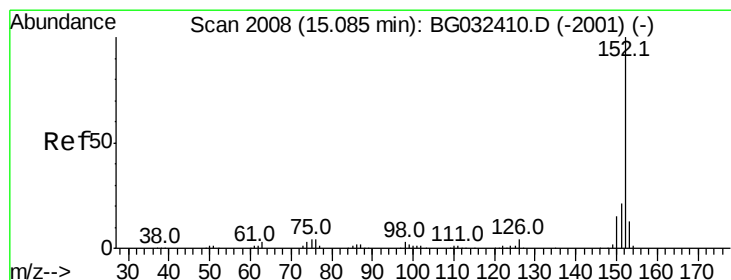
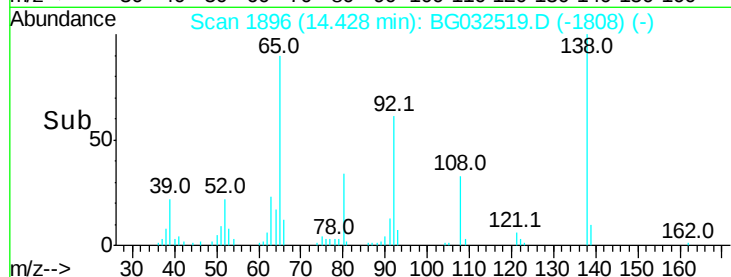
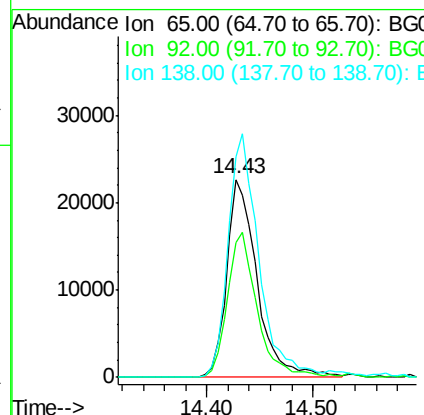
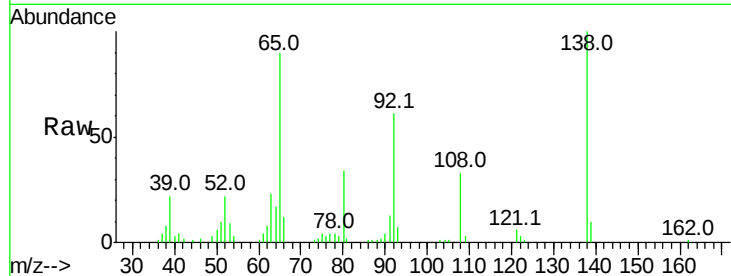
92 67.8 54.6 82.0

138 111.7 72.9 109.3#

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#48

Acenaphthylene

Concen: 39.119 ng

RT: 15.07 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

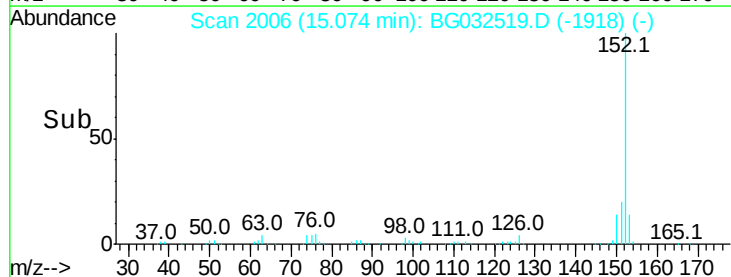
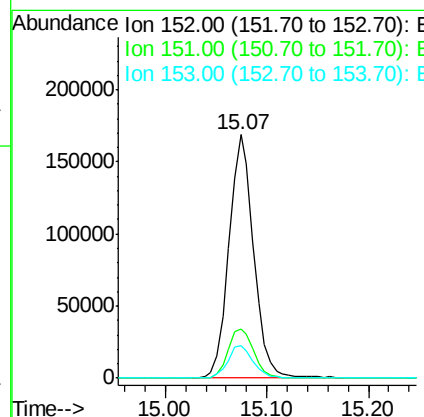
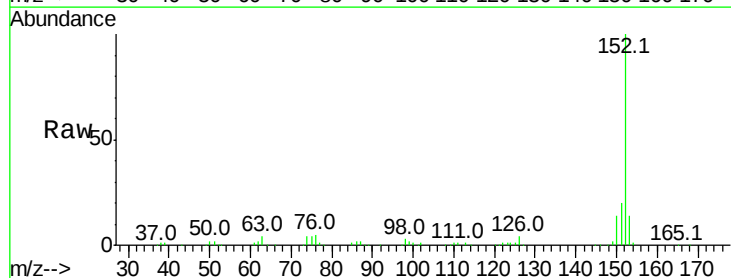
Tgt Ion: 152 Resp: 283718

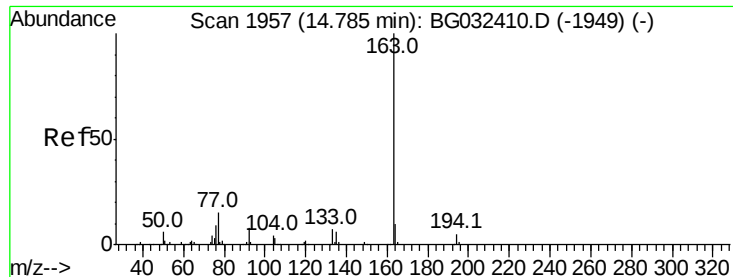
Ion Ratio Lower Upper

152 100

151 19.9 17.2 25.8

153 13.5 10.2 15.4





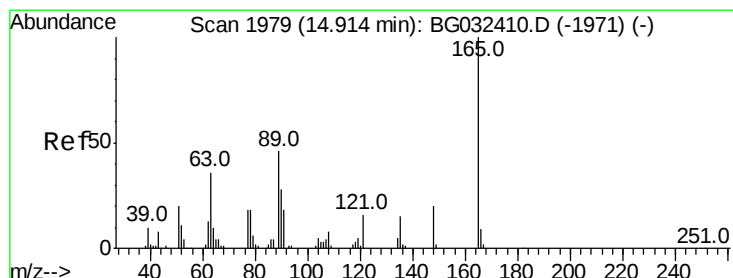
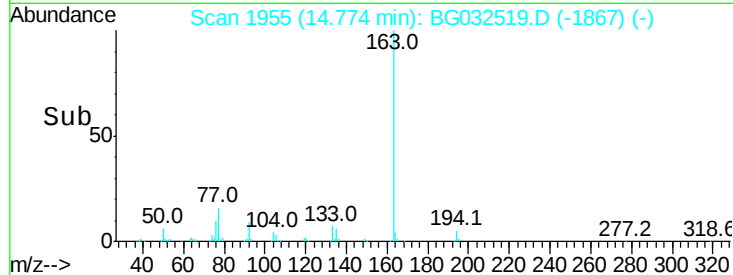
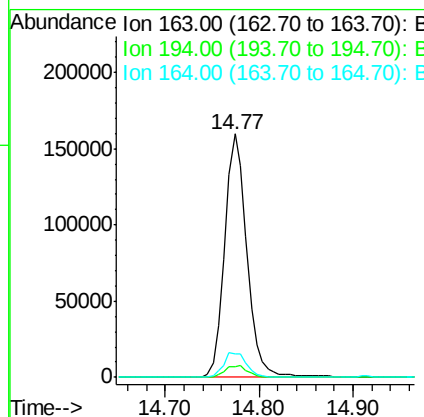
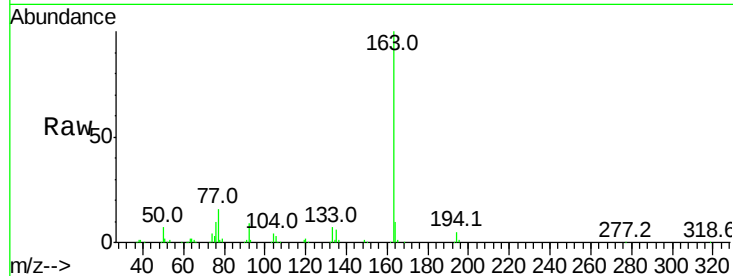
#49
Dimethylphthalate
Concen: 39.419 ng
RT: 14.77 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Instrument :
BNA_G
ClientSampleId :
PB106268BS

Tot Ion	163	Resp	263328
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.2
164	9.5	8.2	12.4

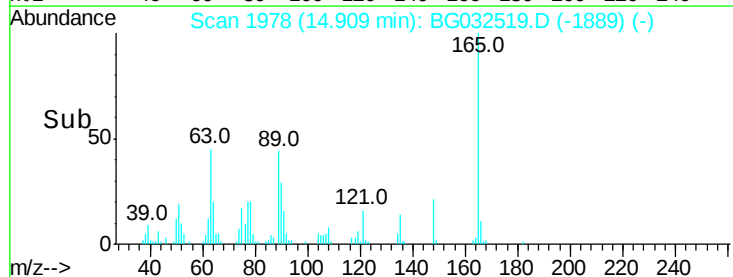
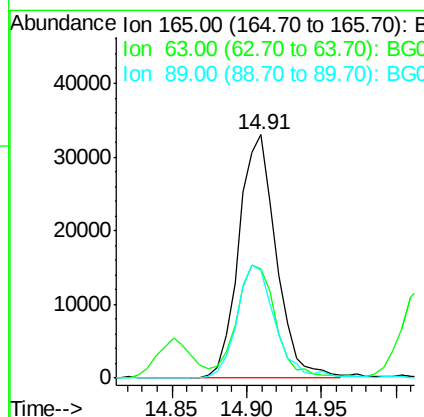
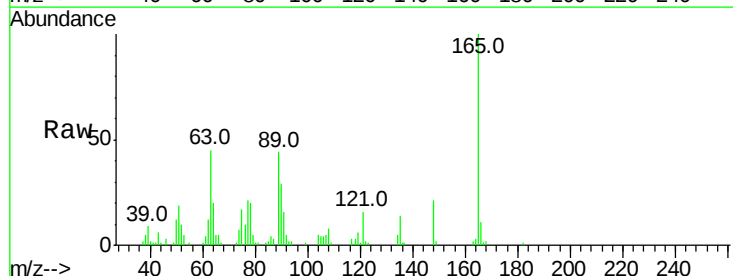
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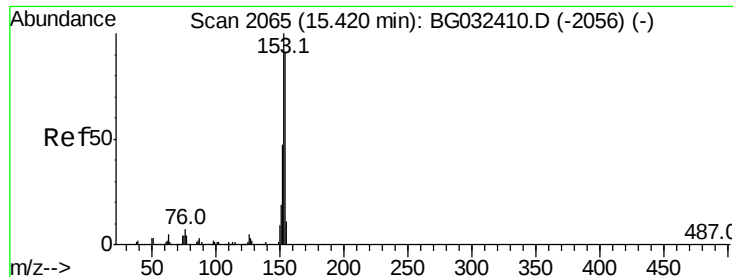
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#50
2,6-Dinitrotoluene
Concen: 40.909 ng
RT: 14.91 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Tgt Ion	165	Resp	57359
Ion Ratio	Lower	Upper	
165	100		
63	44.9	52.7	79.1#
89	44.1	49.2	73.8#





#51

Acenaphthene

Concen: 36.842 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Instrument :

BNA_G

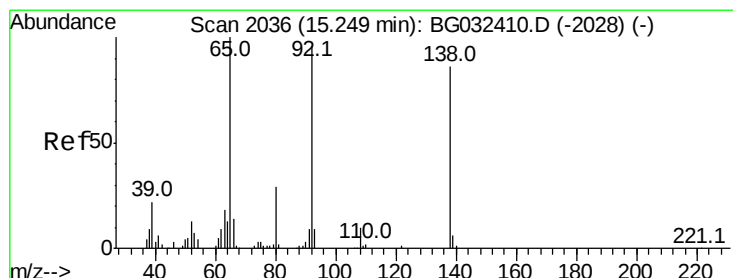
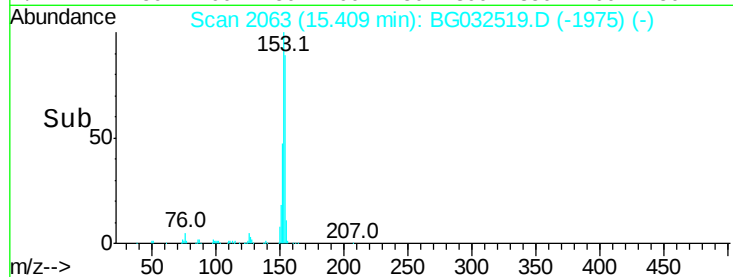
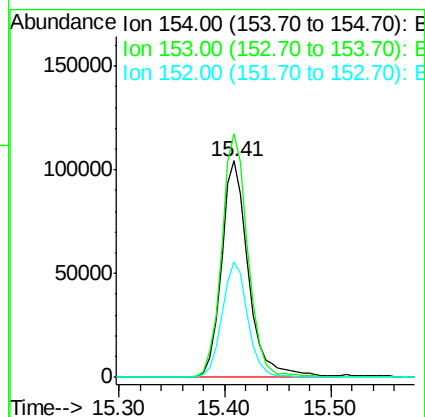
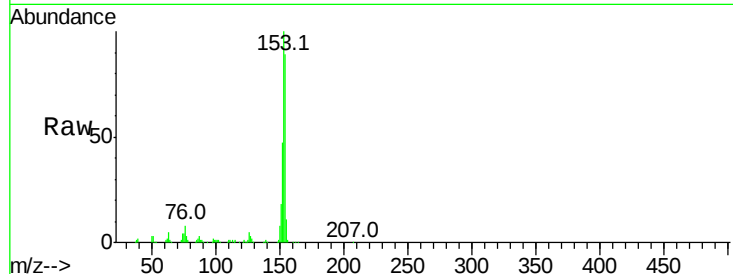
ClientSampleId :

PB106268BS

Tot Ion:	154	Resp:	185314
Ion Ratio	Lower	Upper	
154	100		
153	112.5	90.4	135.6
152	53.3	41.6	62.4

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#52

3-Nitroaniline

Concen: 20.230 ng

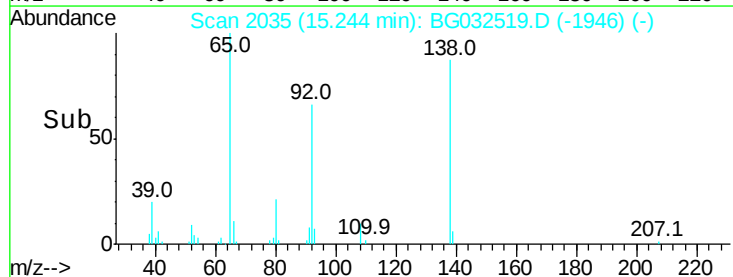
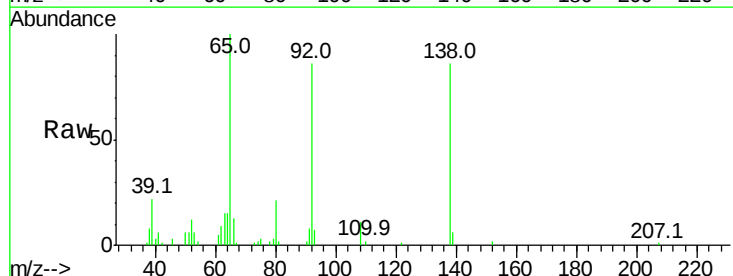
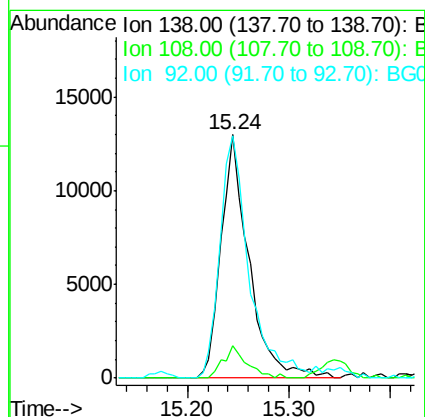
RT: 15.24 min Scan# 2035

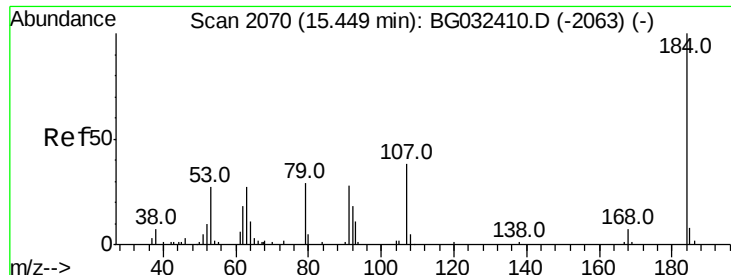
Delta R.T. -0.00 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Tgt Ion:	138	Resp:	24776
Ion Ratio	Lower	Upper	
138	100		
108	13.2	17.5	26.3#
92	99.5	105.8	158.8#





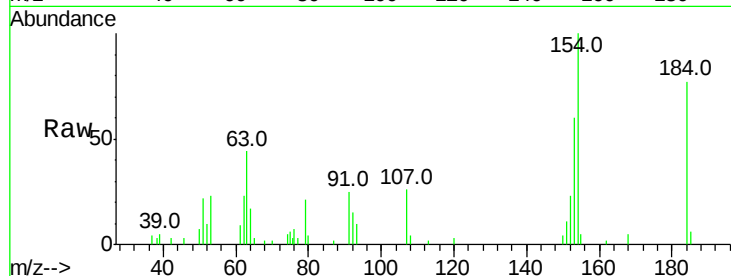
#53
 2,4-Dinitrophenol
 Concen: 16.648 ng
 RT: 15.44 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: BG032519.D
 Acq: 2 Feb 2018 19:31

Instrument :
 BNA_G
 ClientSampleId :
 PB106268BS

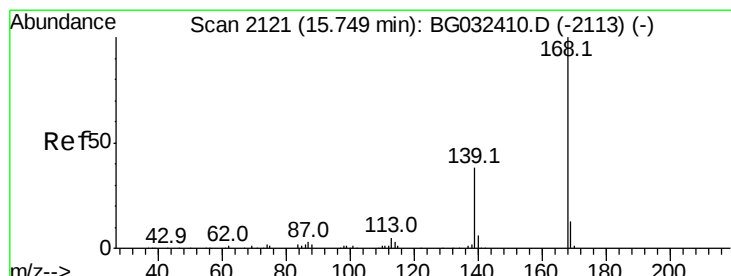
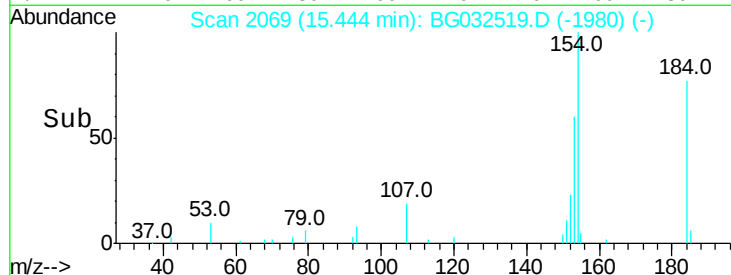
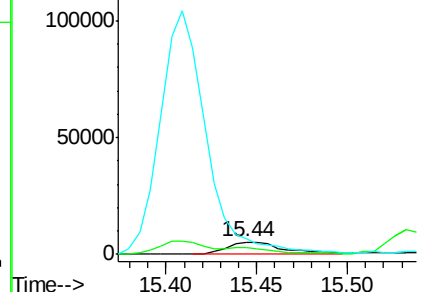
Tot Ion	Ratio	Lower	Upper
184	100		
63	57.1	59.8	89.8#
154	129.3	101.8	152.8

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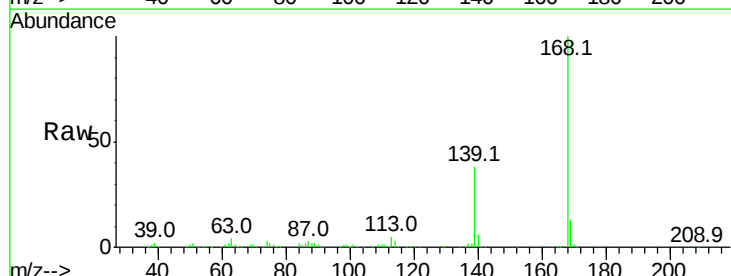


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

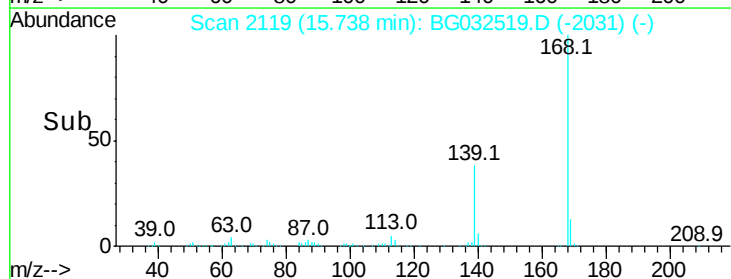
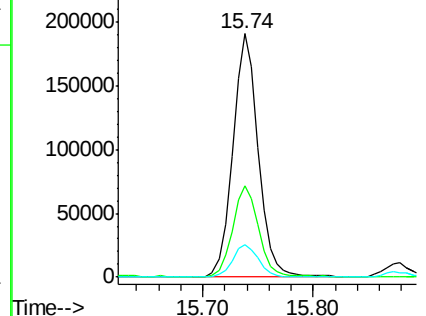


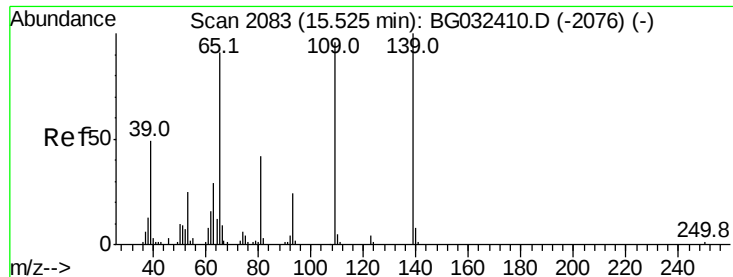
#54
 Dibenzofuran
 Concen: 41.359 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG032519.D
 Acq: 2 Feb 2018 19:31

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.7	28.6	43.0
169	13.1	11.2	16.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





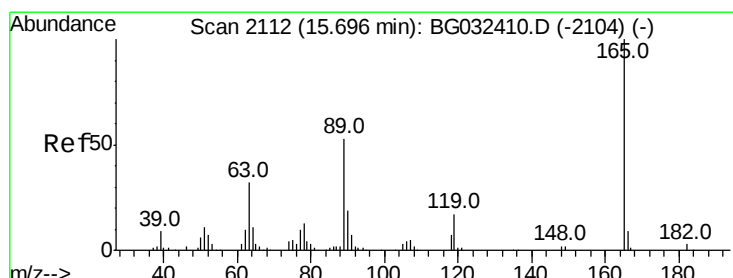
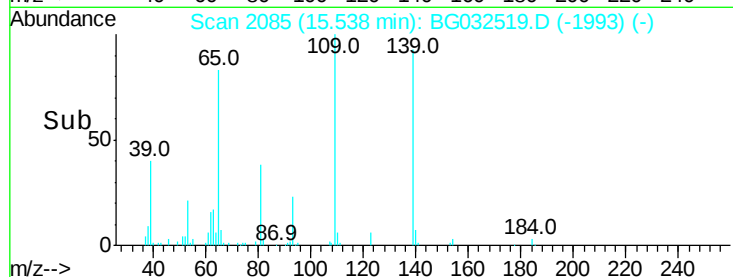
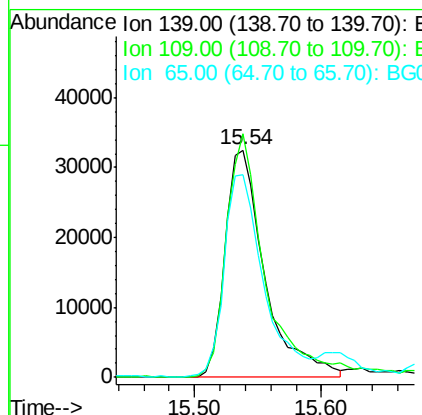
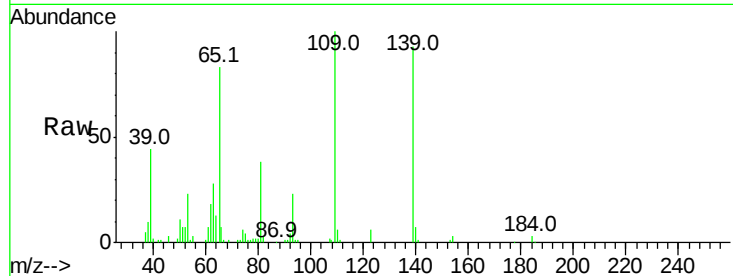
#55
4-Nitrophenol
Concen: 77.104 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.01 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Instrument :
BNA_G
ClientSampleId :
PB106268BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	107.3	62.2	102.2#	
65	89.5	97.2	137.2#	

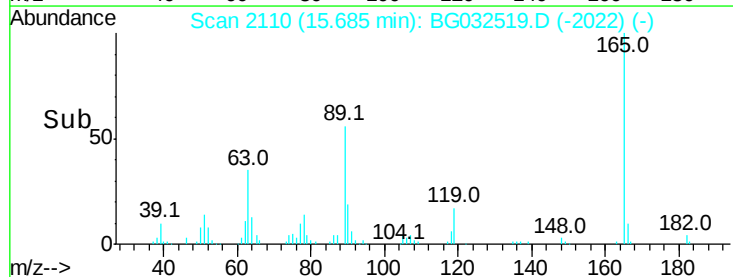
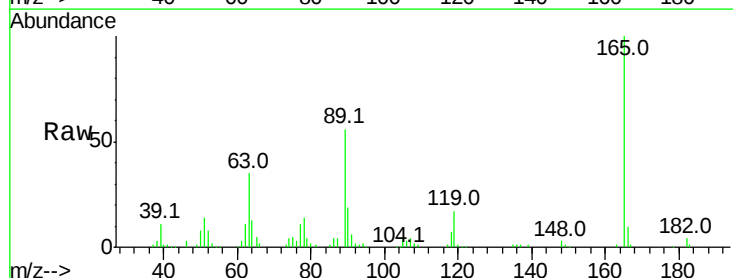
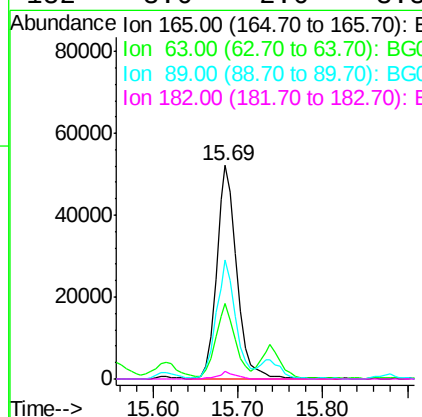
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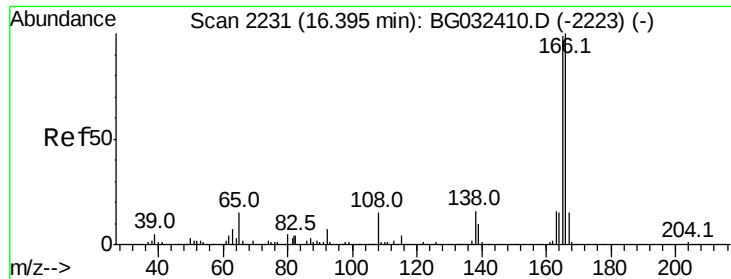
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#56
2,4-Dinitrotoluene
Concen: 43.915 ng
RT: 15.69 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	35.5	42.0	63.0#	
89	56.0	66.9	100.3#	
182	3.6	2.6	3.8	





#57

Fluorene

Concen: 40.940 ng

RT: 16.38 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Instrument :

BNA_G

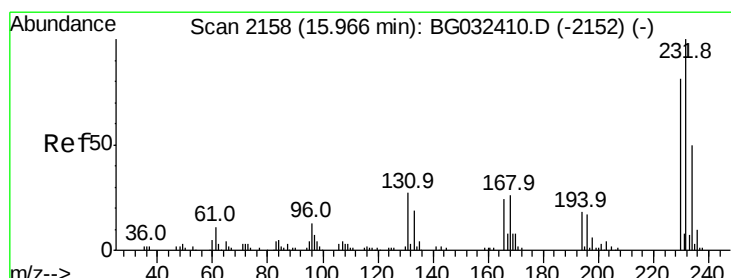
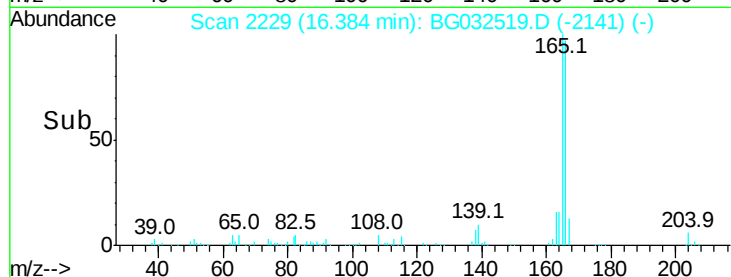
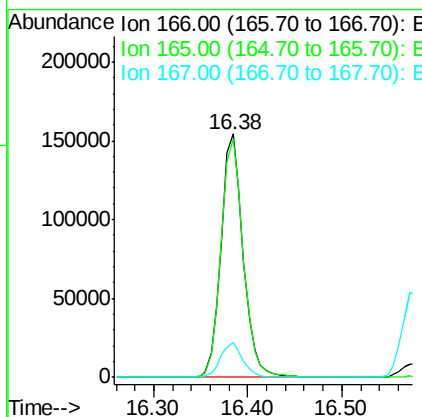
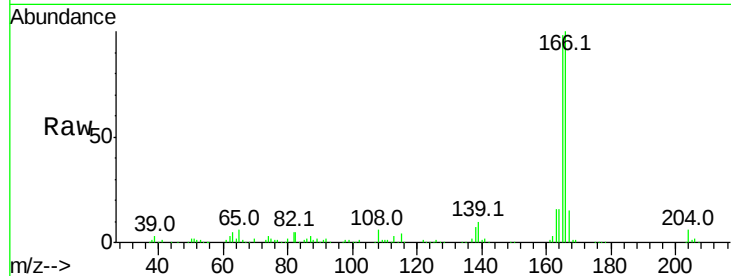
ClientSampleId :

PB106268BS

Tot Ion:	166	Resp:	253271
Ion Ratio	Lower	Upper	
166	100		
165	97.7	80.6	121.0
167	14.6	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.109 ng

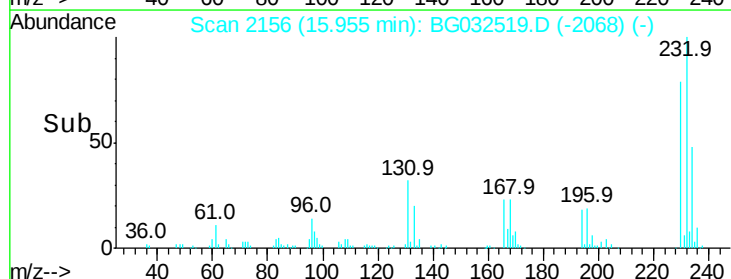
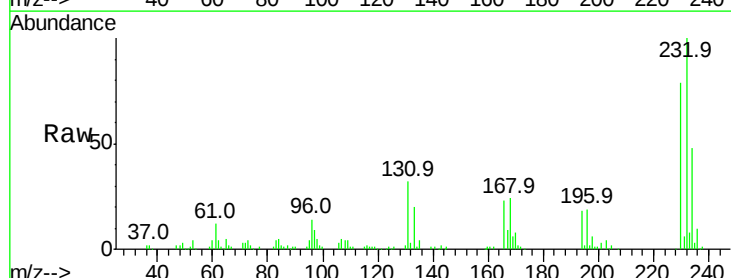
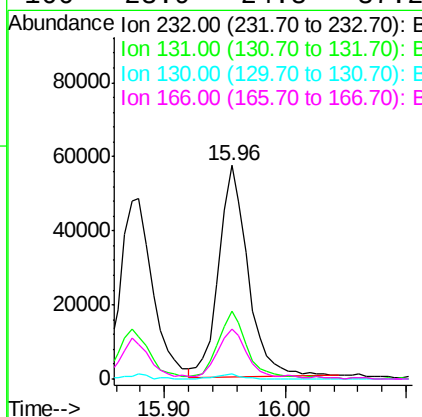
RT: 15.96 min Scan# 2156

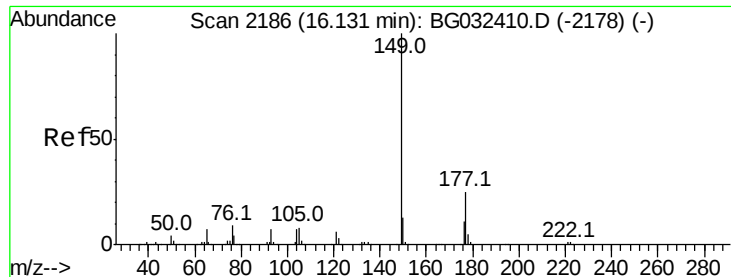
Delta R.T. -0.01 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Tgt Ion:	232	Resp:	95620
Ion Ratio	Lower	Upper	
232	100		
131	33.2	33.5	50.3#
130	2.2	2.2	3.2
166	23.9	24.8	37.2#





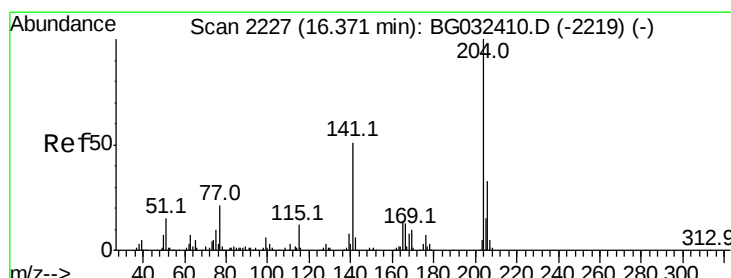
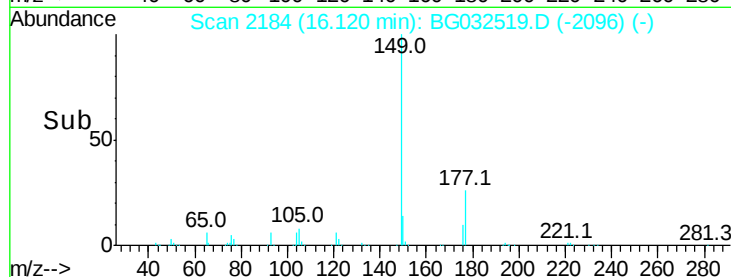
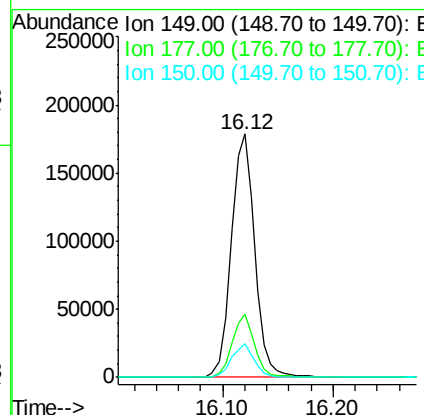
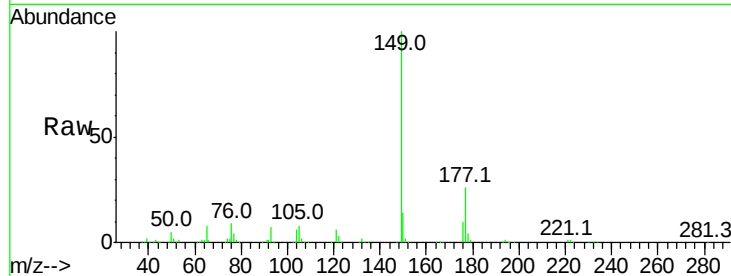
#59
Diethylphthalate
Concen: 40.989 ng
RT: 16.12 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Instrument :
BNA_G
ClientSampleId :
PB106268BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	266685		
177	25.9	18.5	27.7	
150	13.7	10.2	15.2	

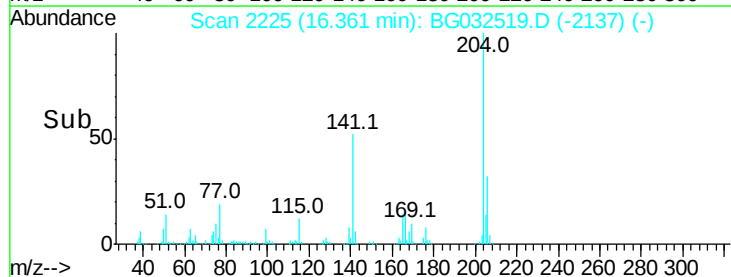
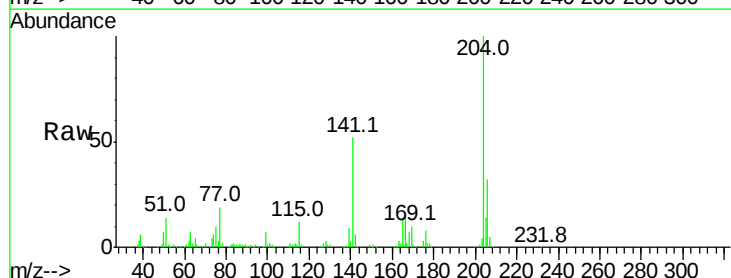
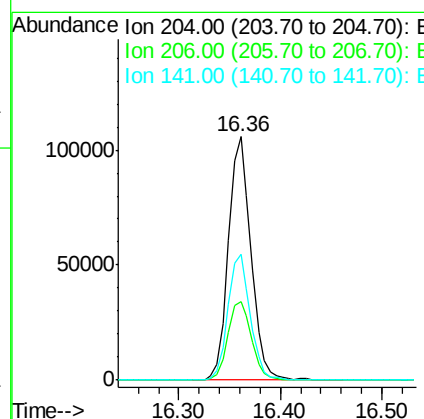
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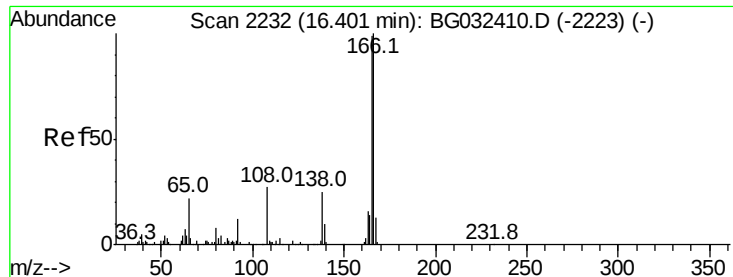
Sohil
2/5/2018 11:15:13 AM



#60
4-Chlorophenyl-phenylether
Concen: 41.813 ng
RT: 16.36 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	163115		
206	32.1	26.2	39.2	
141	51.7	45.8	68.6	





#61

4-Nitroaniline

Concen: 39.132 ng

RT: 16.40 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Instrument :

BNA_G

ClientSampleId :

PB106268BS

Tot Ion:138 Resp: 51366

Ion Ratio Lower Upper

138 100

92 43.7 40.1 80.1

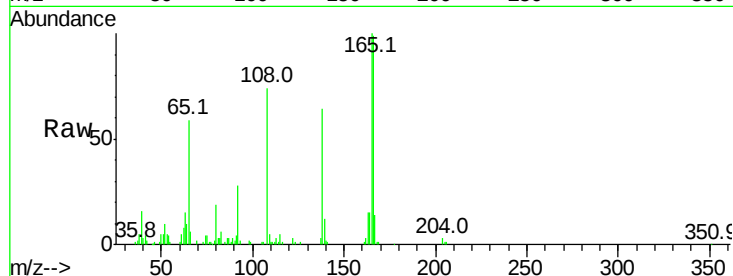
108 115.5 65.4 105.4#

Manual Integrations

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Sohil

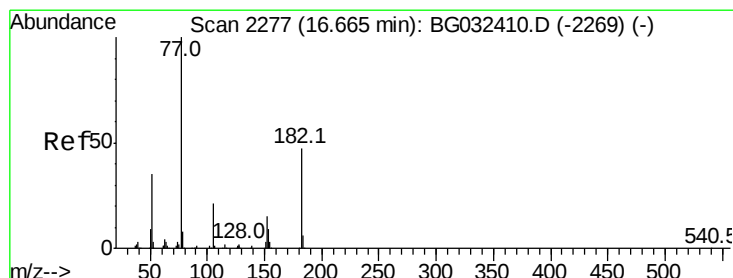
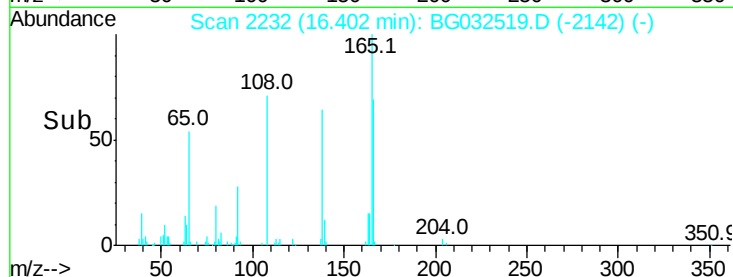
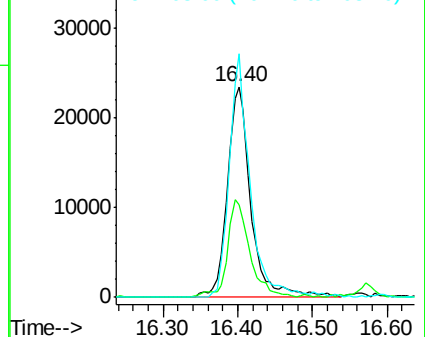
2/5/2018 11:15:13 AM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.985 ng

RT: 16.65 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Tgt Ion: 77 Resp: 159357

Ion Ratio Lower Upper

77 100

182 46.0 7.4 47.4

105 22.1 0.3 40.3

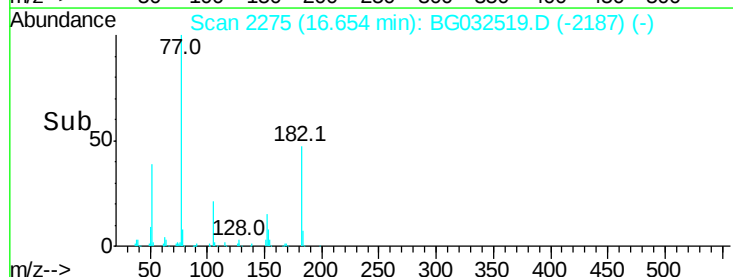
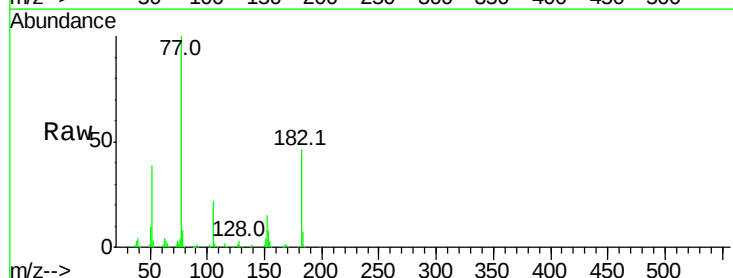
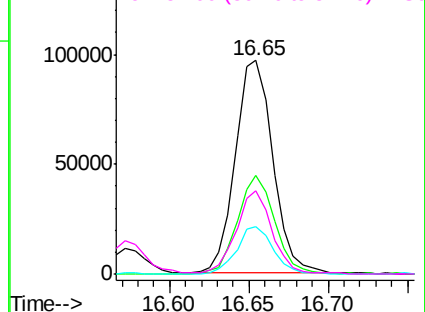
51 39.0 11.6 51.6

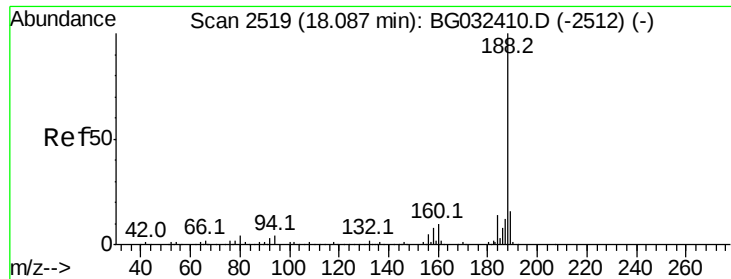
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





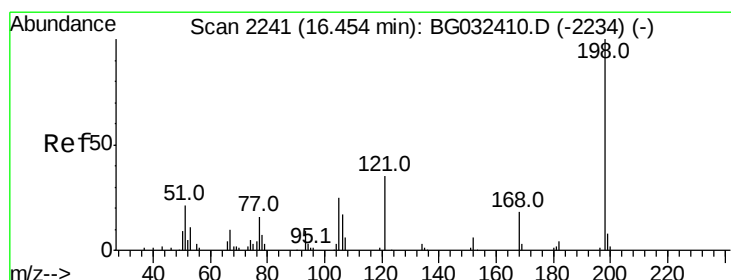
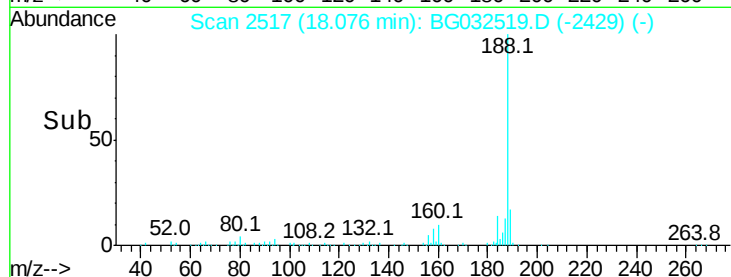
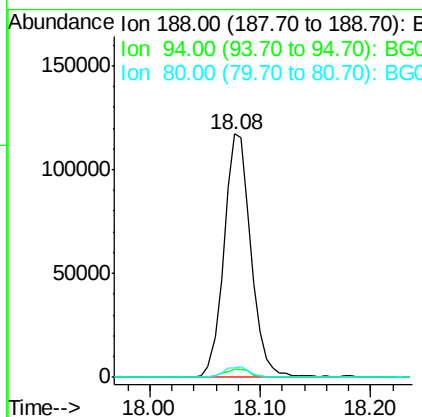
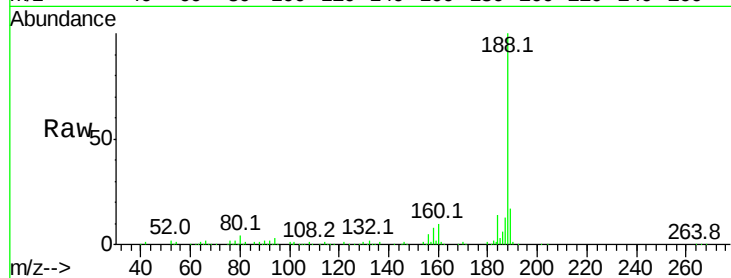
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Instrument :
BNA_G
ClientSampleId :
PB106268BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	3.4	6.9	10.3#
80	4.0	7.7	11.5#

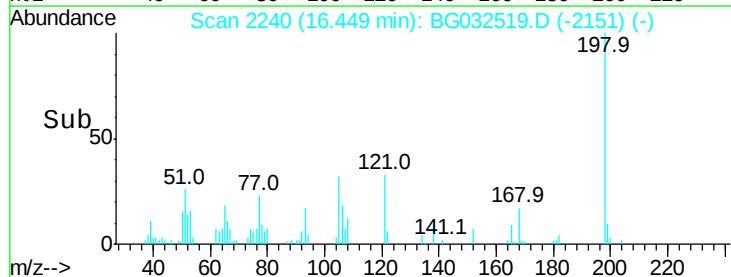
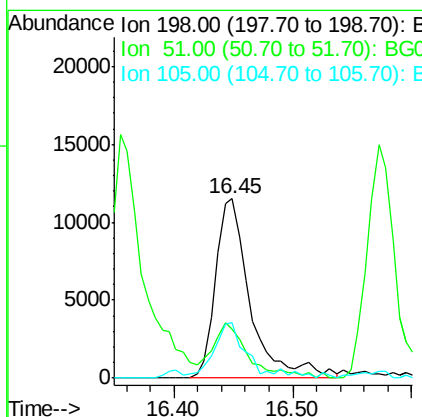
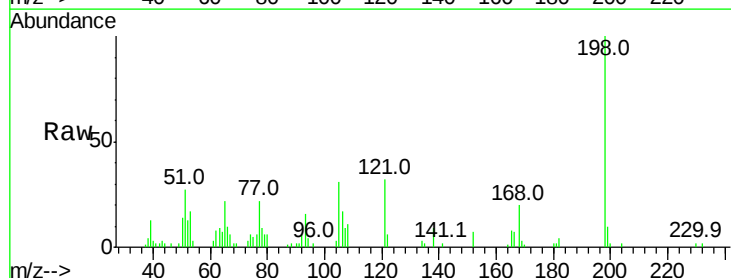
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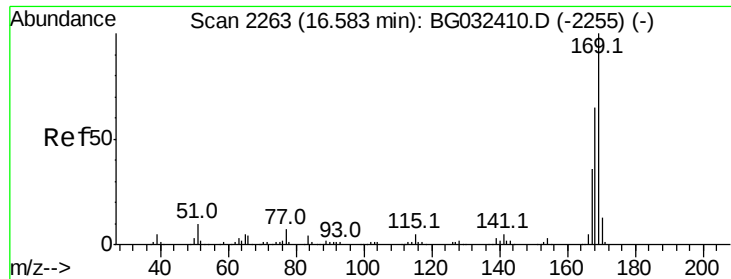
Sohil
2/5/2018 11:15:13 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 15.634 ng m
RT: 16.45 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	27.3	30.6	70.6#
105	30.8	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 39.977 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Instrument :

BNA_G

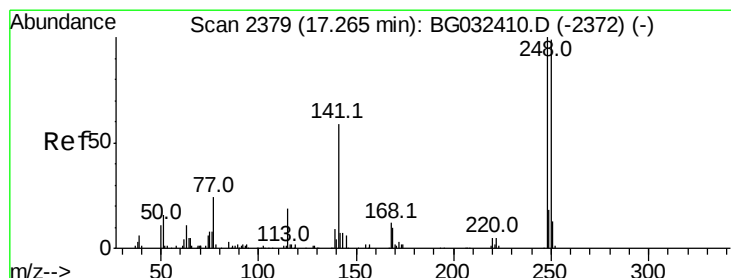
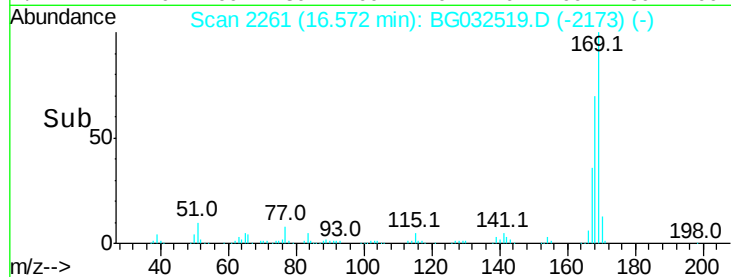
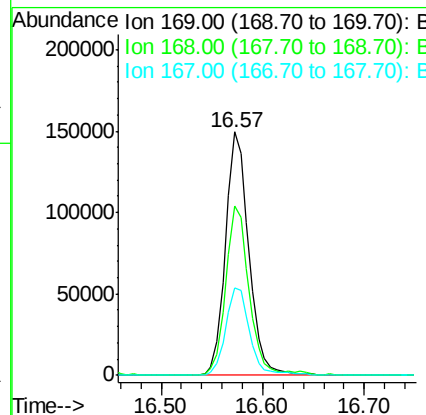
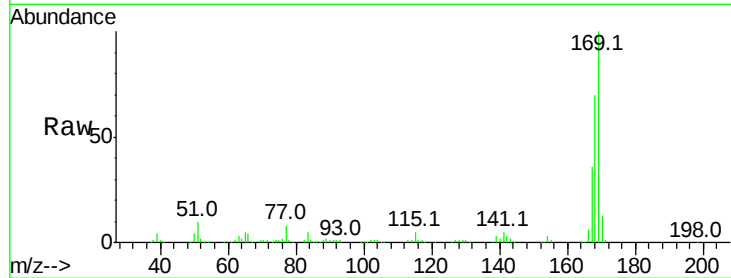
ClientSampleId :

PB106268BS

Tot Ion:	169	Resp:	238645
Ion Ratio	Lower	Upper	
169	100		
168	69.6	55.7	83.5
167	36.1	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 40.644 ng

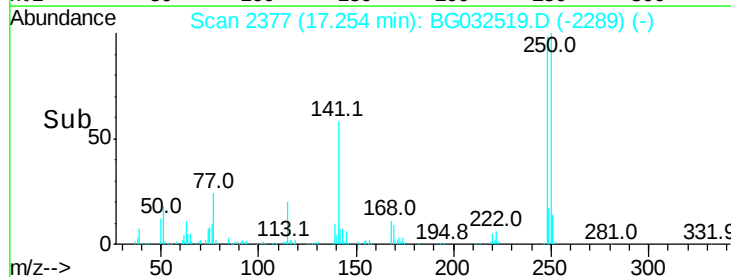
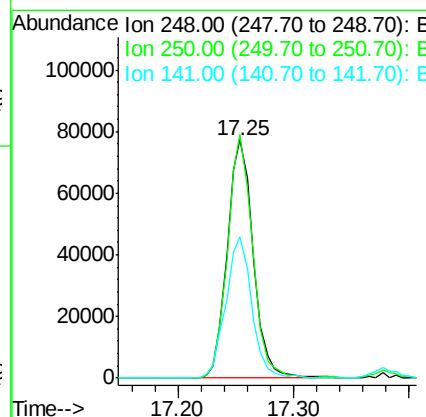
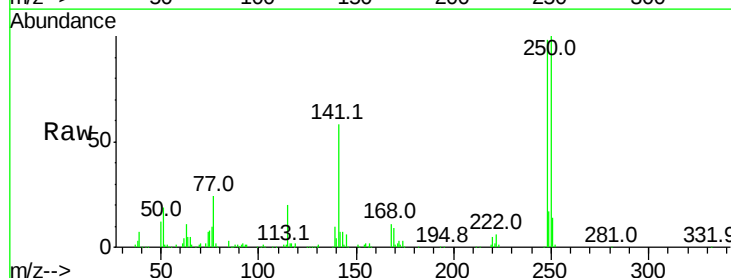
RT: 17.25 min Scan# 2377

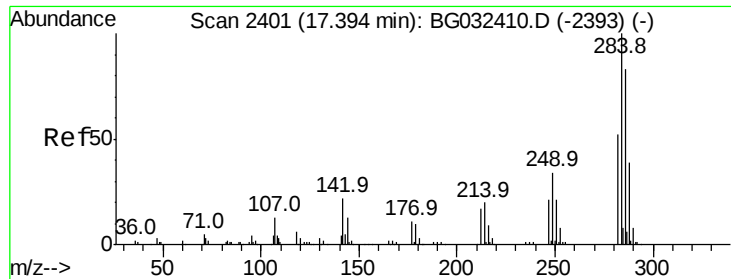
Delta R.T. -0.01 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Tgt Ion:	248	Resp:	120445
Ion Ratio	Lower	Upper	
248	100		
250	102.2	77.1	115.7
141	59.5	50.8	76.2





#67

Hexachlorobenzene

Concen: 39.420 ng

RT: 17.38 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Instrument :

BNA_G

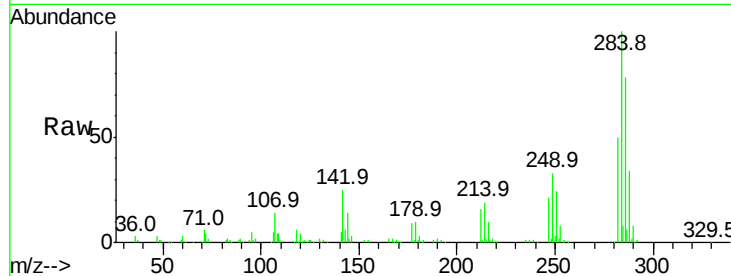
ClientSampleId :

PB106268BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	25.0	26.8	40.2	#
249	32.7	26.3	39.5	

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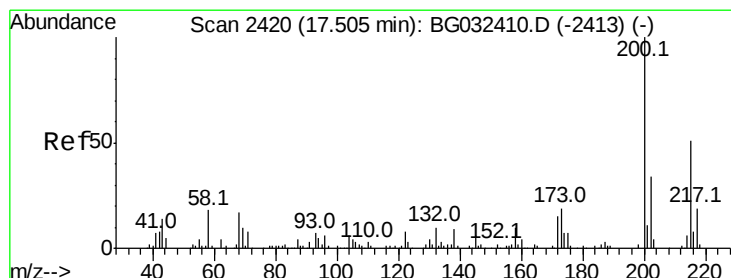
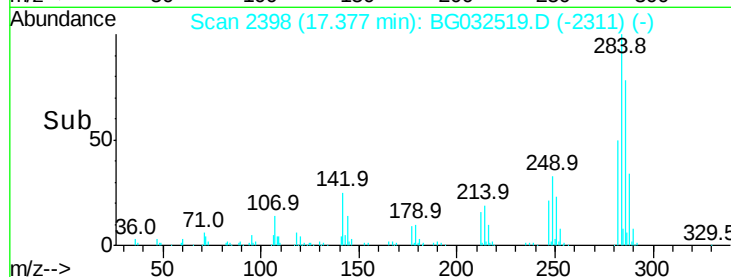
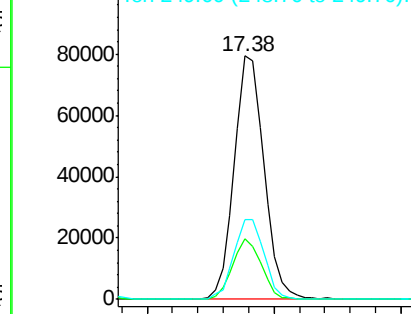
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.543 ng

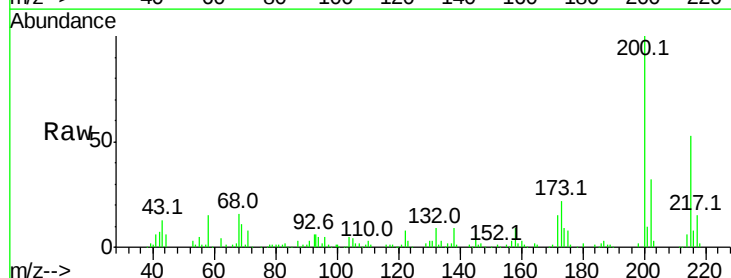
RT: 17.50 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

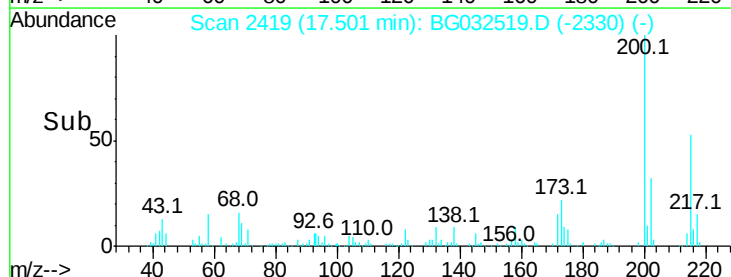
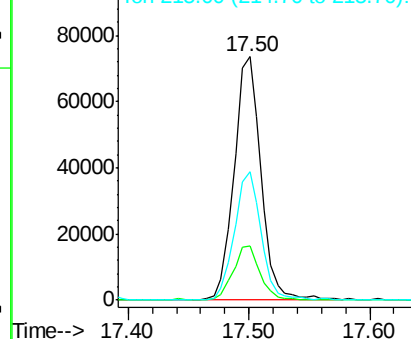
Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	22.3	5.2	45.2	
215	53.0	30.4	70.4	

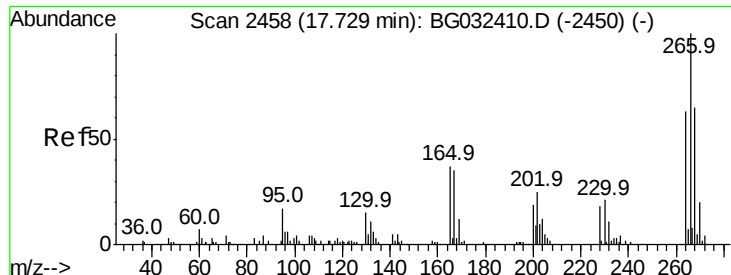


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





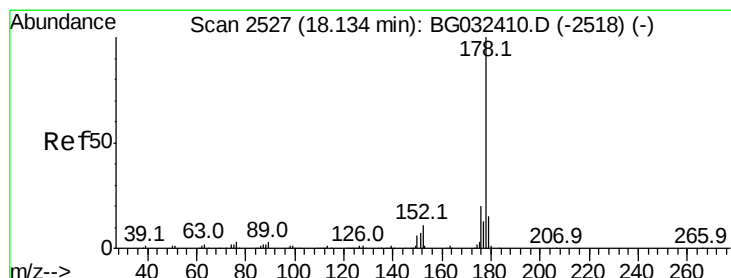
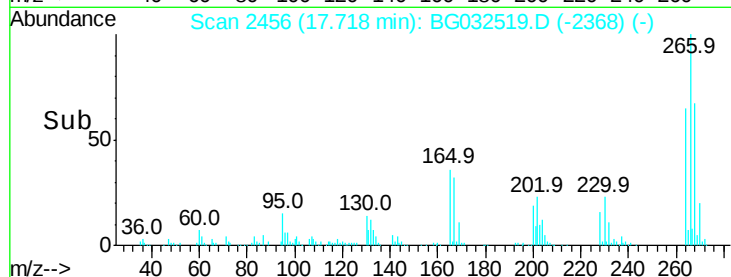
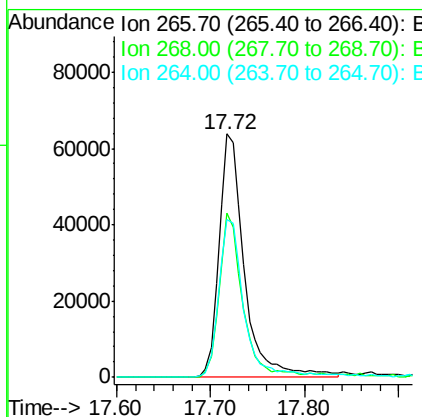
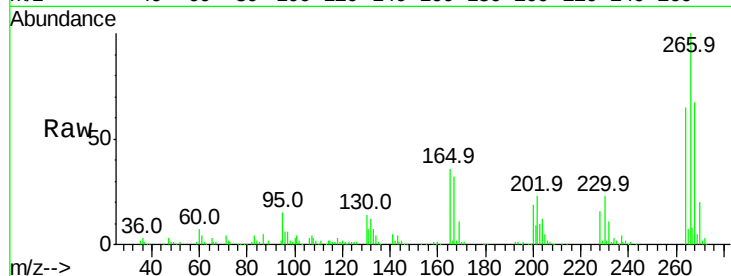
#69
 Pentachlorophenol
 Concen: 58.532 ng
 RT: 17.72 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BG032519.D
 Acq: 2 Feb 2018 19:31

Instrument :
 BNA_G
 ClientSampleId :
 PB106268BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	120248		
268	67.2		51.1	76.7
264	65.0		49.6	74.4

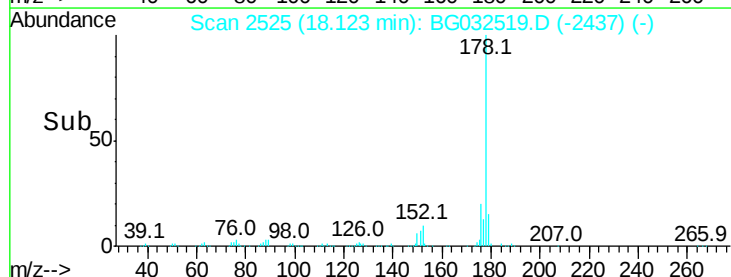
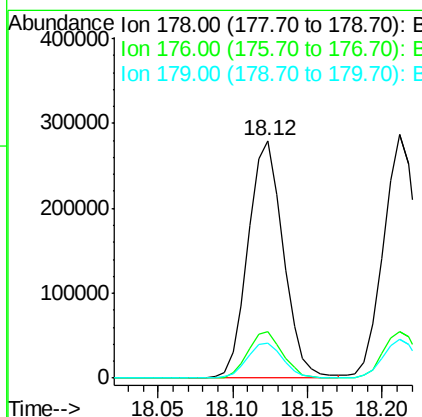
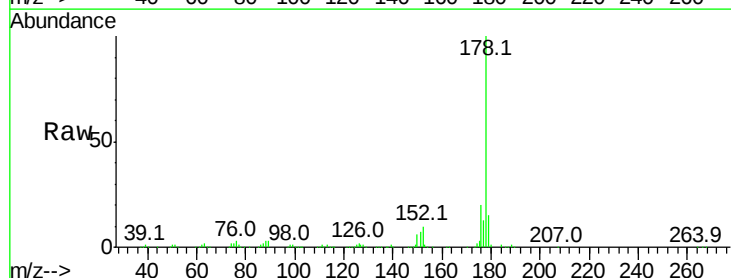
Manual Integrations
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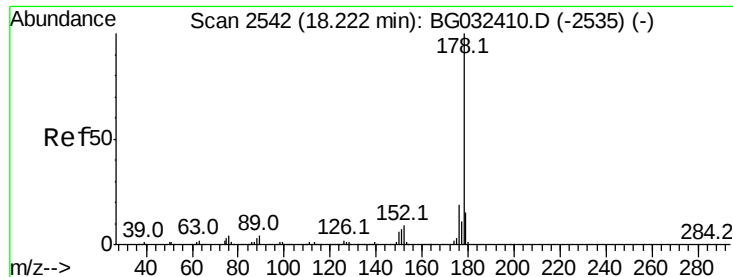
Sohil
 2/5/2018 11:15:13 AM



#70
 Phenanthrene
 Concen: 40.915 ng
 RT: 18.12 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BG032519.D
 Acq: 2 Feb 2018 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	456406		
176	19.7		15.7	23.5
179	14.7		12.5	18.7





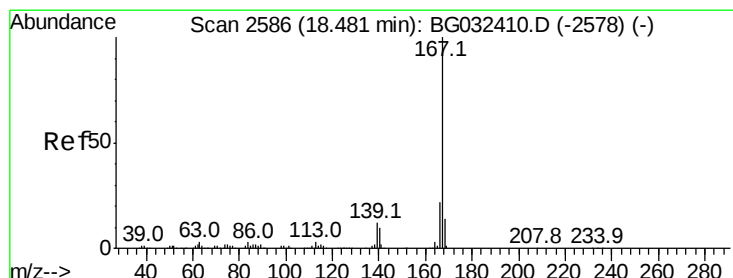
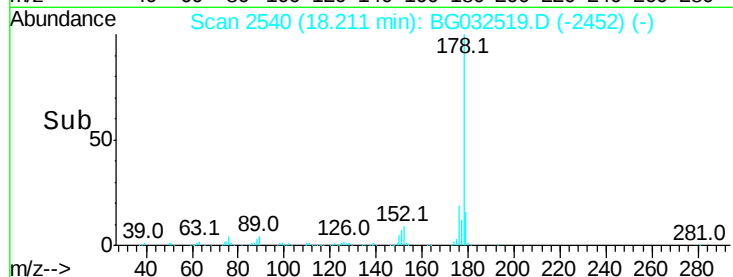
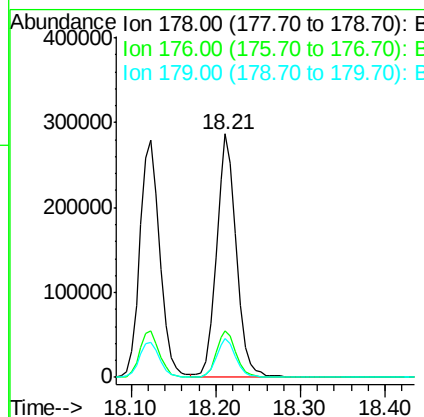
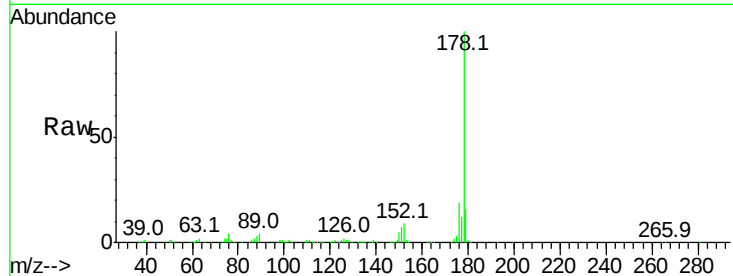
#71
 Anthracene
 Concen: 42.231 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BG032519.D
 Acq: 2 Feb 2018 19:31

Instrument :
 BNA_G
 ClientSampleId :
 PB106268BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	15.7	12.5	18.7

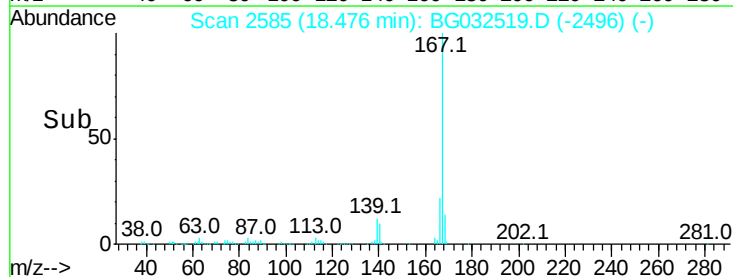
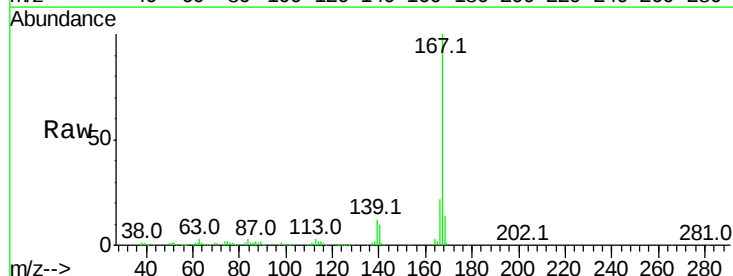
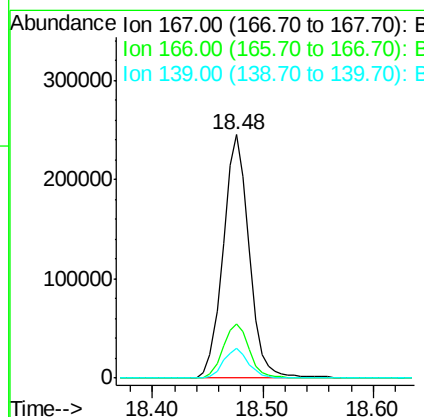
Manual Integrations
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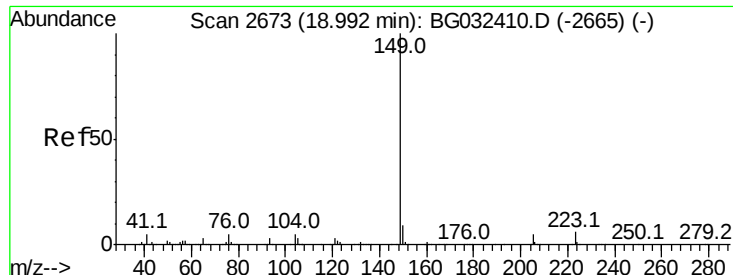
Sohil
 2/5/2018 11:15:13 AM



#72
 Carbazole
 Concen: 41.099 ng
 RT: 18.48 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: BG032519.D
 Acq: 2 Feb 2018 19:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	12.4	9.4	14.2





#73

Di-n-butylphthalate

Concen: 42.597 ng

RT: 18.98 min Scan# 2671

Delta R.T. -0.01 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Instrument :

BNA_G

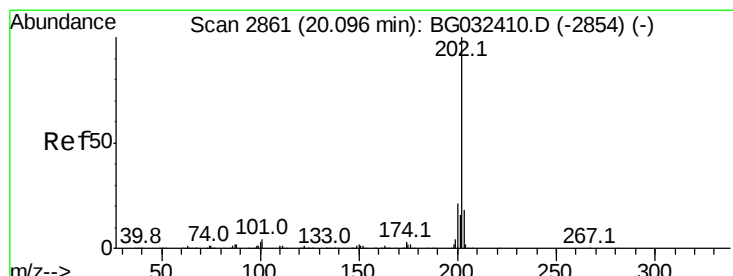
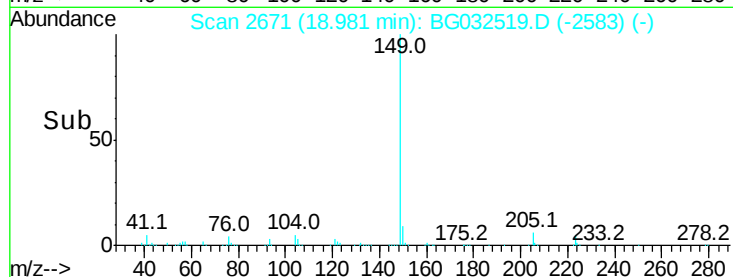
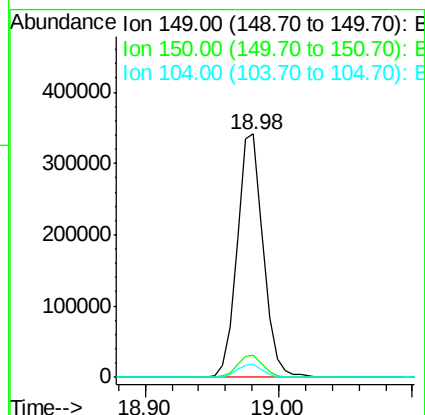
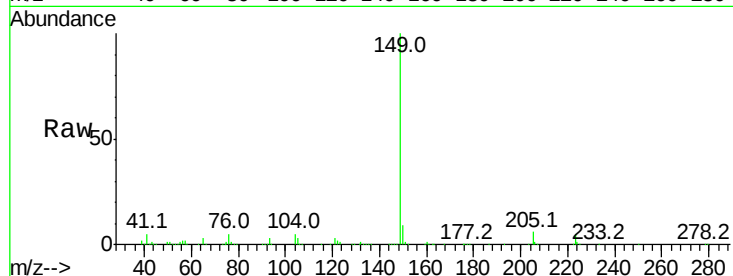
ClientSampleId :

PB106268BS

Tot Ion:	149	Resp:	462836
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	5.5	3.9	5.9

Manual Integrations
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#74

Fluoranthene

Concen: 42.705 ng

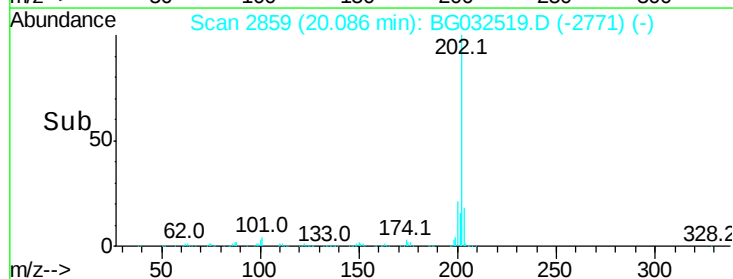
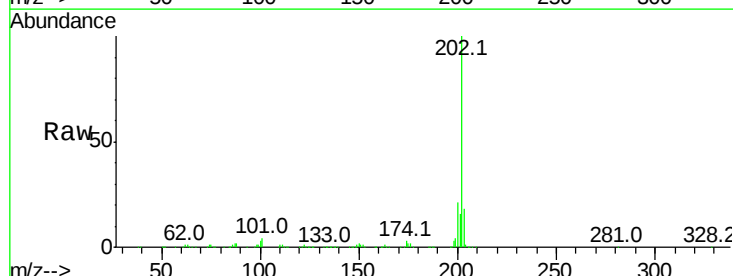
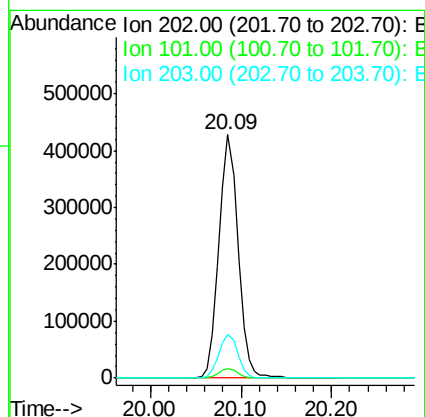
RT: 20.09 min Scan# 2859

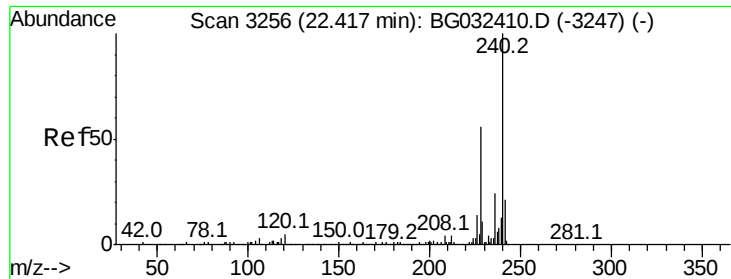
Delta R.T. -0.01 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Tgt Ion:	202	Resp:	624725
Ion Ratio	Lower	Upper	
202	100		
101	4.1	0.0	28.9
203	18.0	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Instrument :

BNA_G

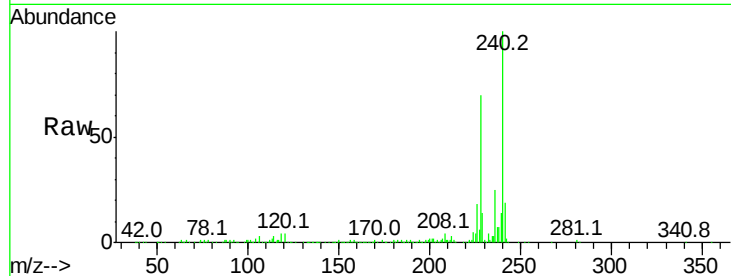
ClientSampleId :

PB106268BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.4	6.8	10.2#
236	25.1	20.9	31.3

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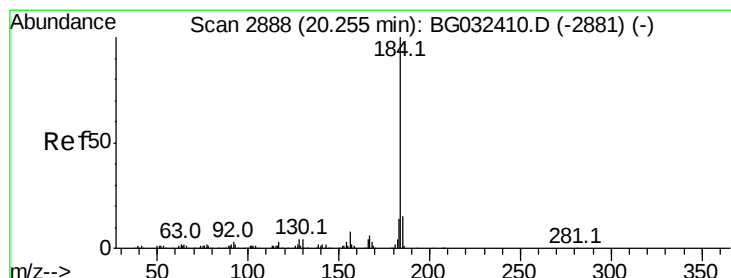
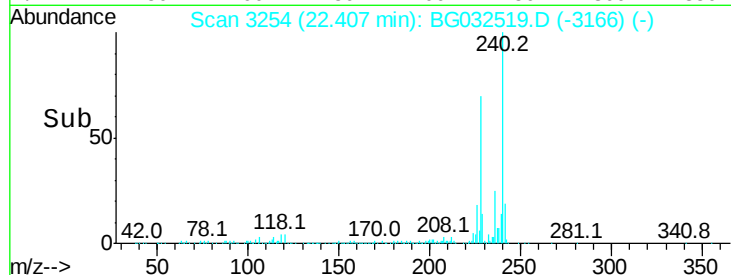
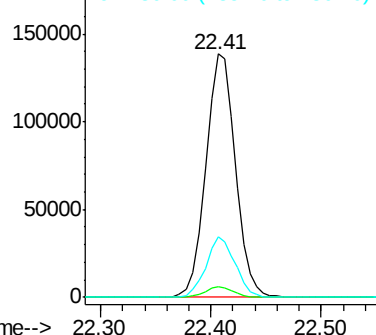
Sohil
2/5/2018 11:15:13 AM



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: 29.585 ng

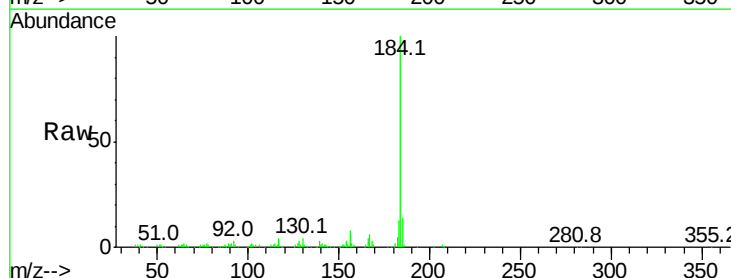
RT: 20.25 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

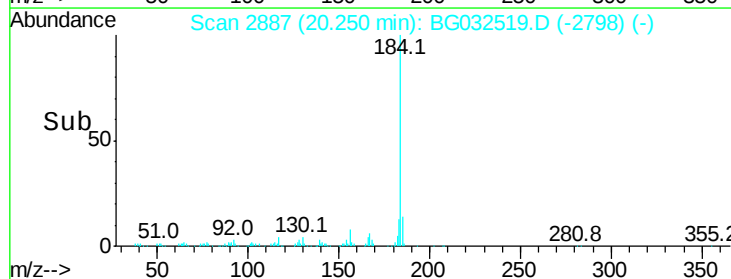
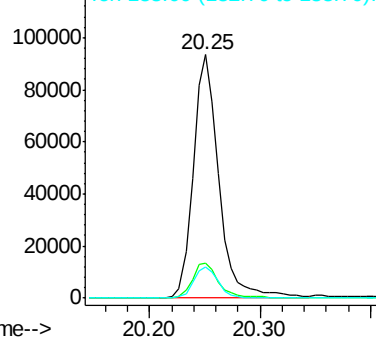
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.1	16.7
183	12.8	10.6	16.0

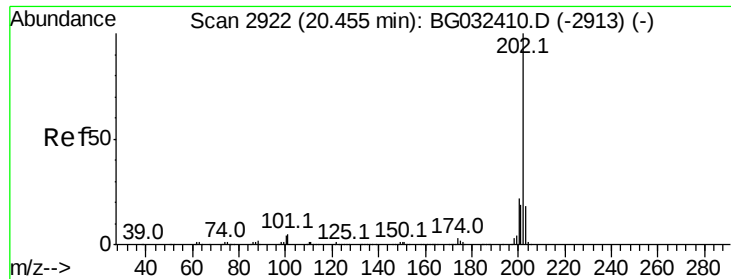


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.329 ng

RT: 20.44 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Instrument :

BNA_G

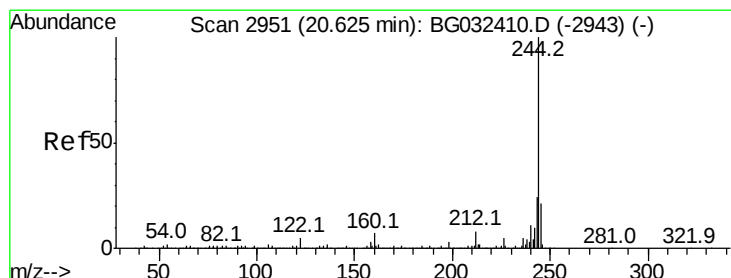
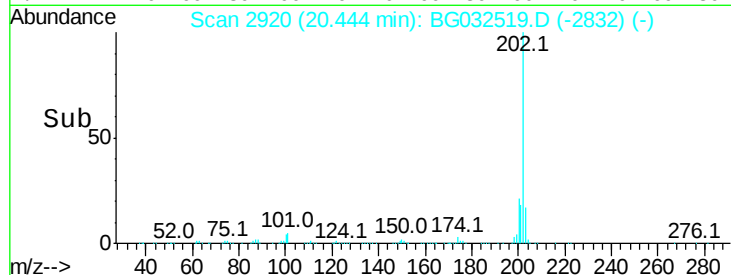
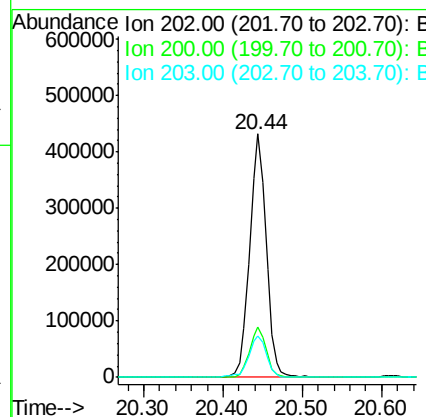
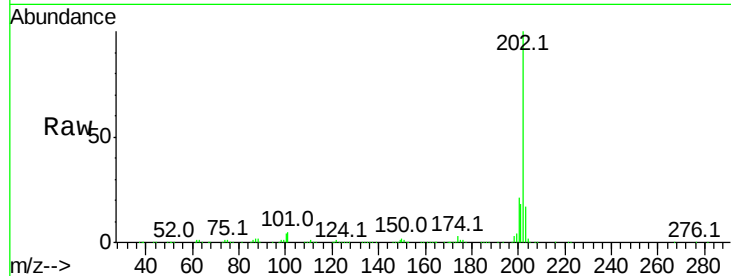
ClientSampleId :

PB106268BS

Tot Ion:	202	Resp:	627582
Ion Ratio		Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.1	13.9	20.9

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#78

Terphenyl-d14

Concen: 86.235 ng

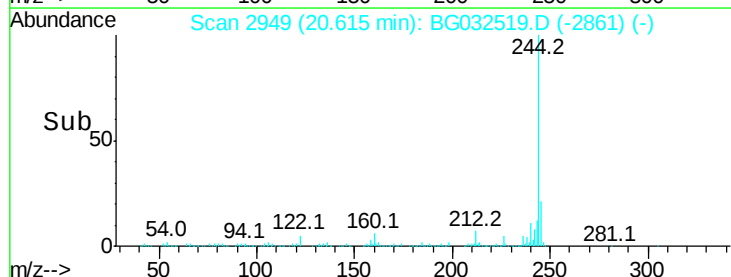
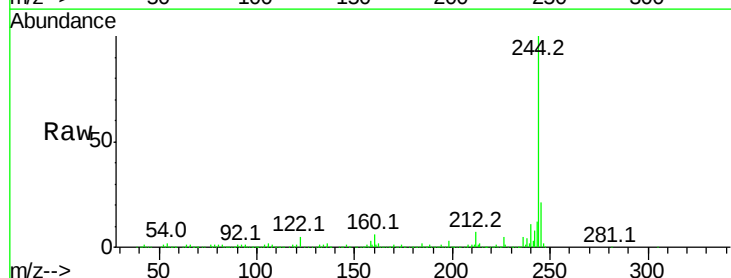
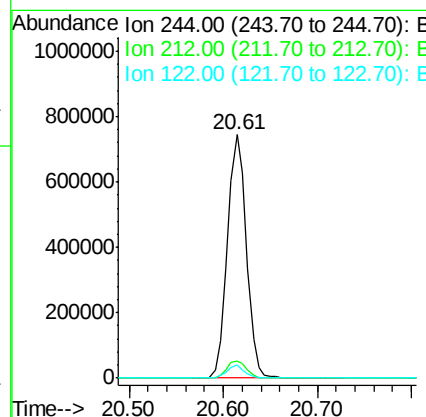
RT: 20.61 min Scan# 2949

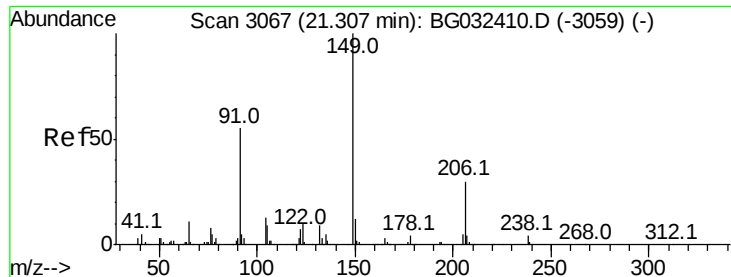
Delta R.T. -0.01 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Tgt Ion:	244	Resp:	1047372
Ion Ratio		Lower	Upper
244	100		
212	7.0	5.8	8.8
122	5.5	7.0	10.4#





#79

Butylbenzylphthalate

Concen: 43.038 ng

RT: 21.30 min Scan# 3066

Delta R.T. -0.00 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Instrument :

BNA_G

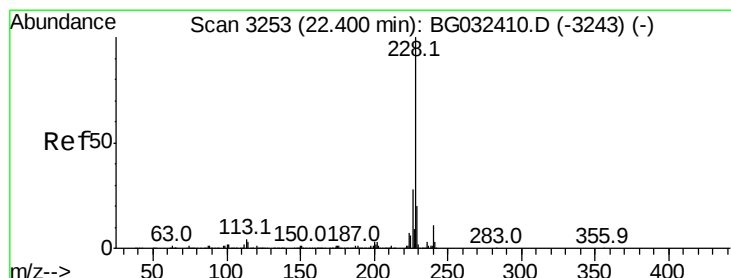
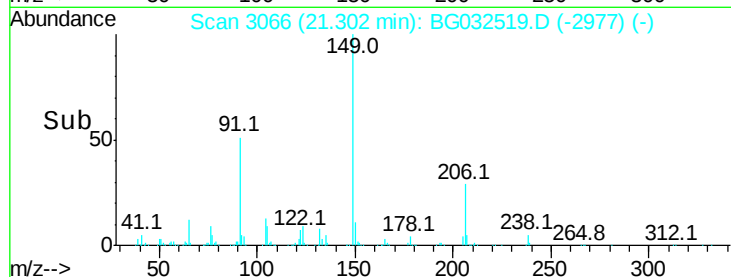
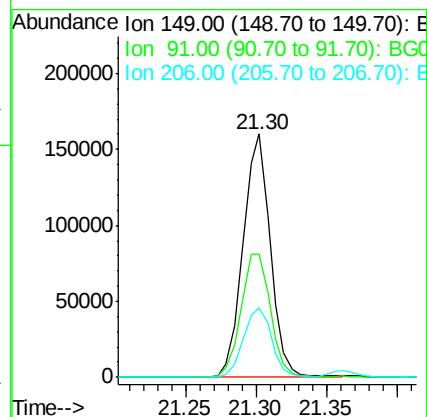
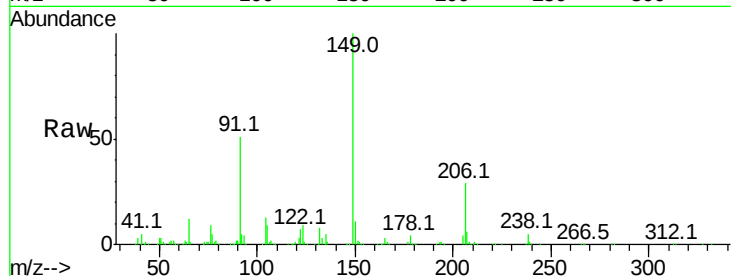
ClientSampleId :

PB106268BS

Tot Ion:	149	Resp:	216621
Ion Ratio	Lower	Upper	
149	100		
91	50.9	62.2	93.2#
206	28.7	18.6	27.8#

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#80

Benzo(a)anthracene

Concen: 42.033 ng

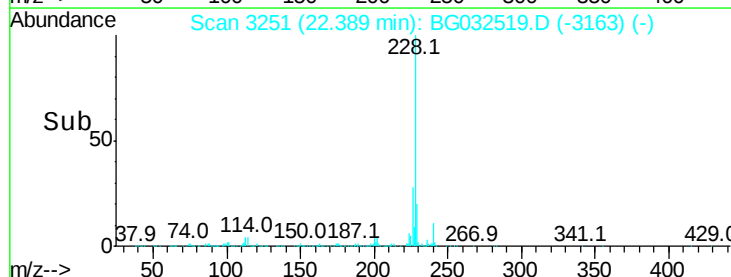
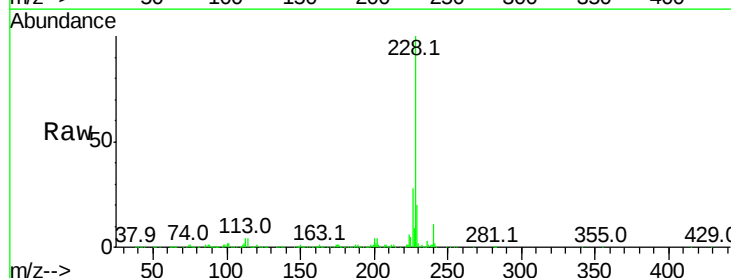
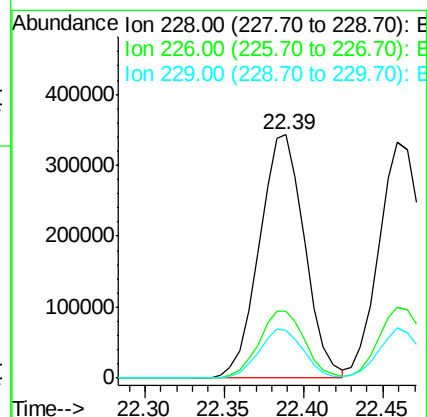
RT: 22.39 min Scan# 3251

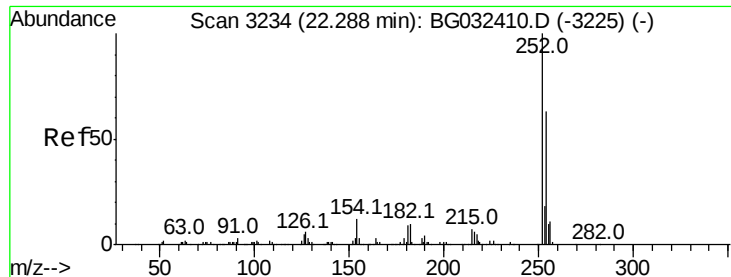
Delta R.T. -0.01 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Tgt Ion:	228	Resp:	677946
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.7	34.1
229	19.7	16.2	24.2





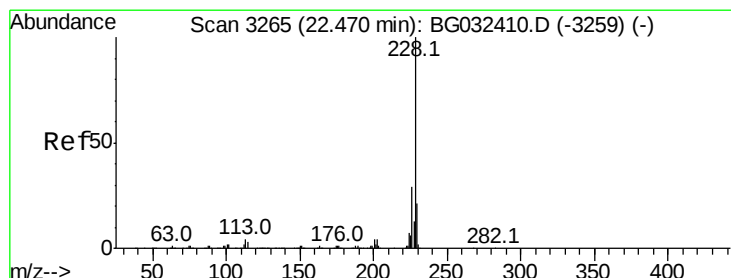
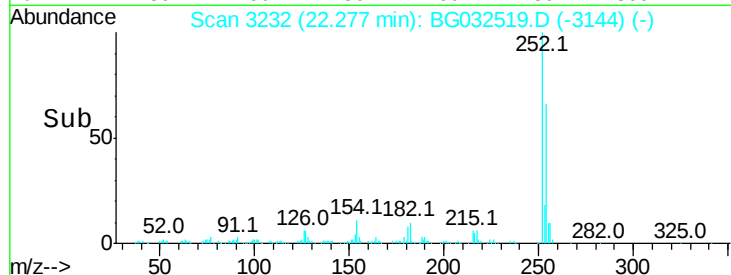
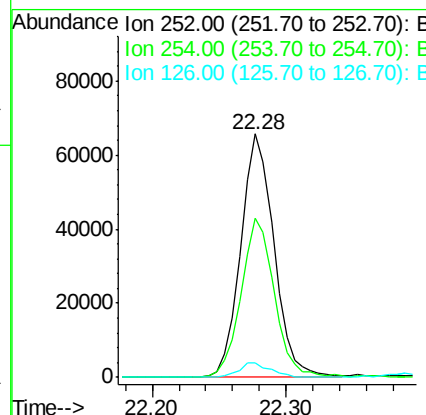
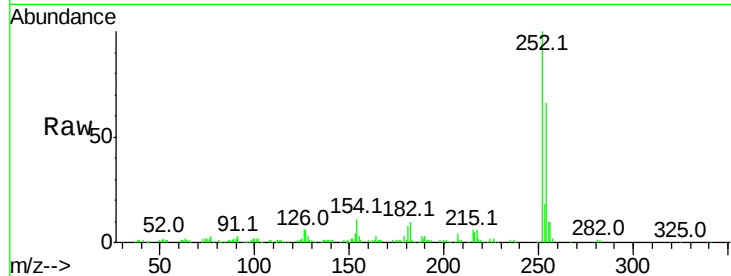
#81
 3,3'-Dichlorobenzidine
 Concen: 18.176 ng
 RT: 22.28 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG032519.D
 Acq: 2 Feb 2018 19:31

Instrument :
 BNA_G
 ClientSampleId :
 PB106268BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	65.5	50.8	76.2	
126	6.0	7.4	11.2	

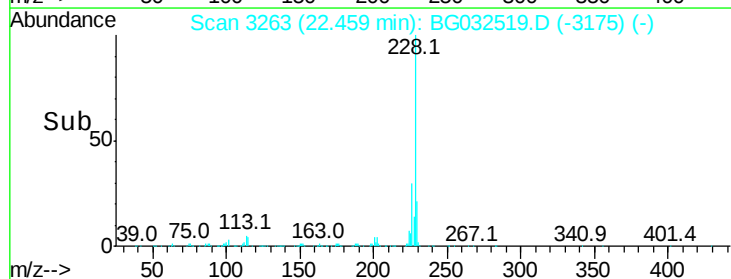
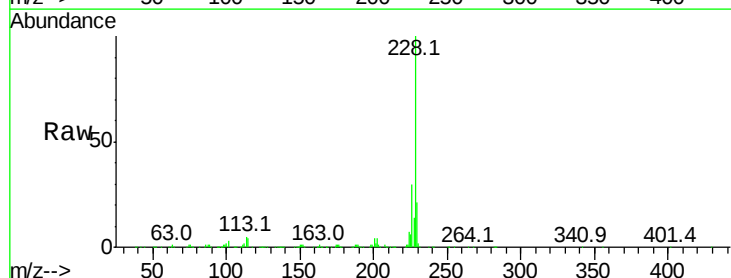
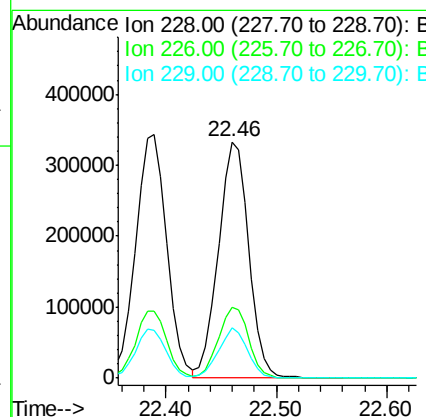
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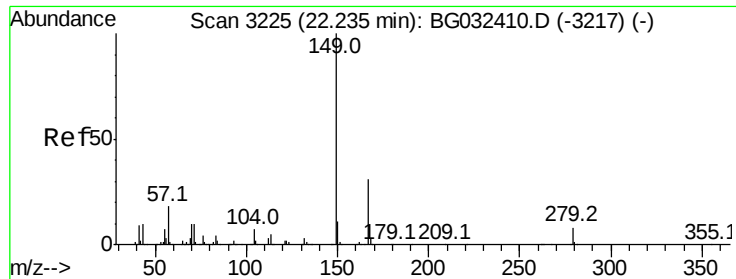
Sohil
 2/5/2018 11:15:13 AM



#82
 Chrysene
 Concen: 40.469 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. -0.01 min
 Lab File: BG032519.D
 Acq: 2 Feb 2018 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.7	24.9	37.3	
229	21.2	15.0	22.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.438 ng

RT: 22.22 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Instrument :

BNA_G

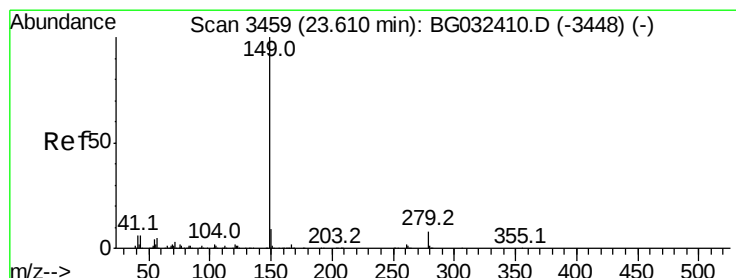
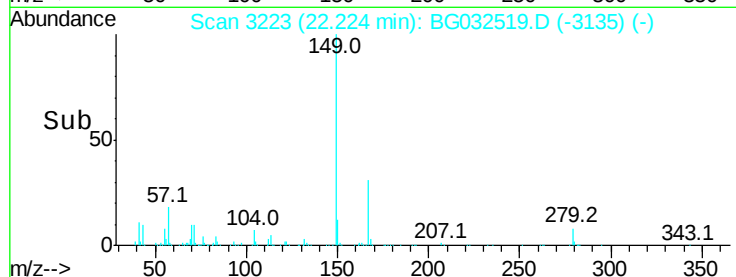
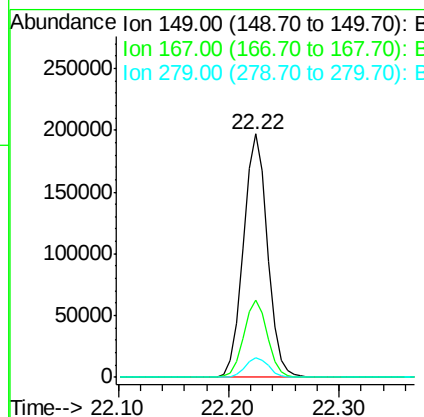
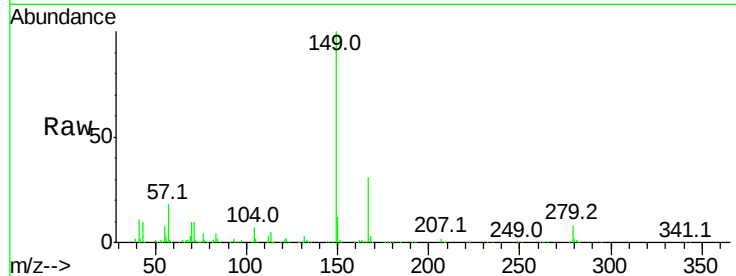
ClientSampleId :

PB106268BS

Tot Ion:	149	Resp:	302871
Ion Ratio	Lower	Upper	
149	100		
167	31.5	24.3	36.5
279	8.0	4.0	6.0#

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#84

Di-n-octyl phthalate

Concen: 46.715 ng

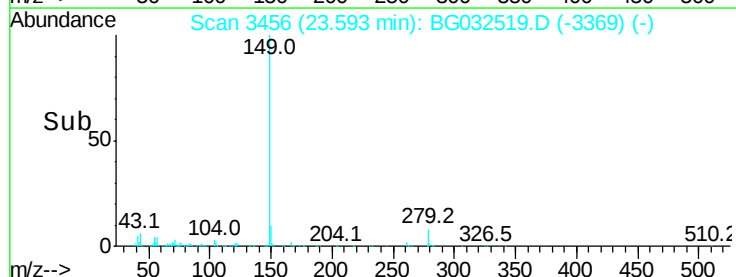
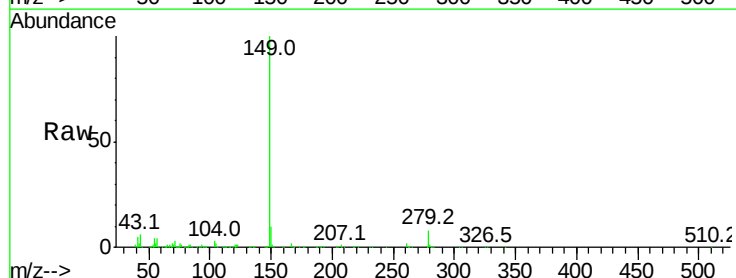
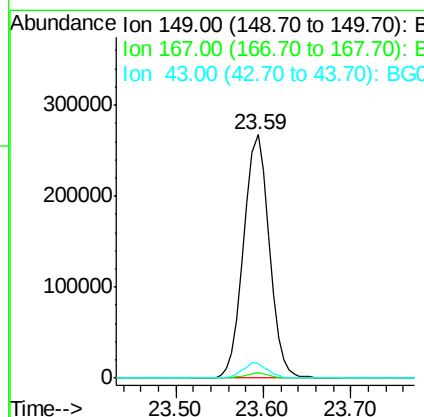
RT: 23.59 min Scan# 3456

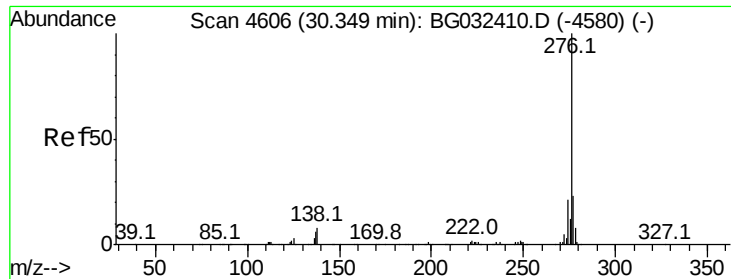
Delta R.T. -0.02 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Tgt Ion:	149	Resp:	528796
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	6.1	8.9	13.3#





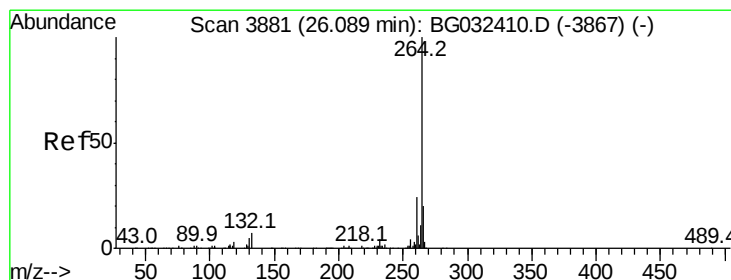
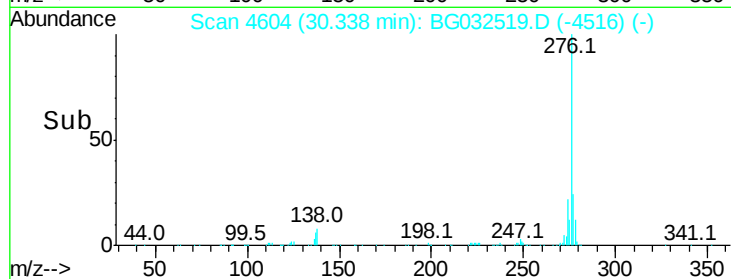
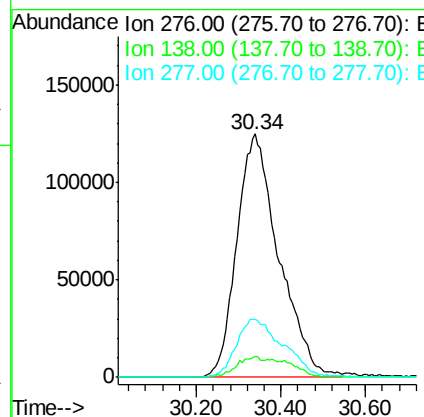
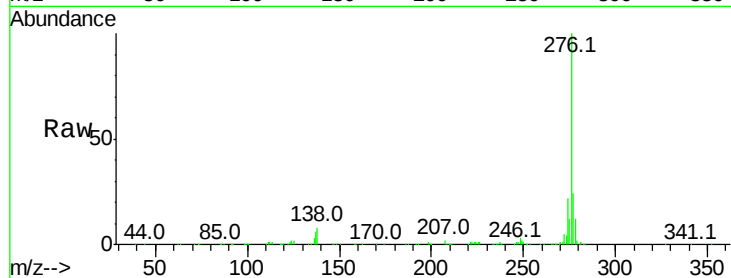
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.656 ng
RT: 30.34 min Scan# 4604
Delta R.T. -0.01 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Instrument :
BNA_G
ClientSampleId :
PB106268BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.4	16.0	24.0#
277	26.3	20.0	30.0

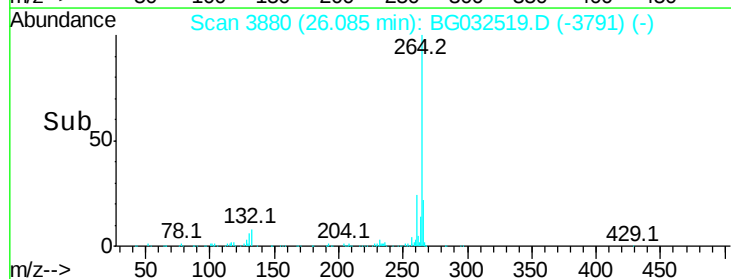
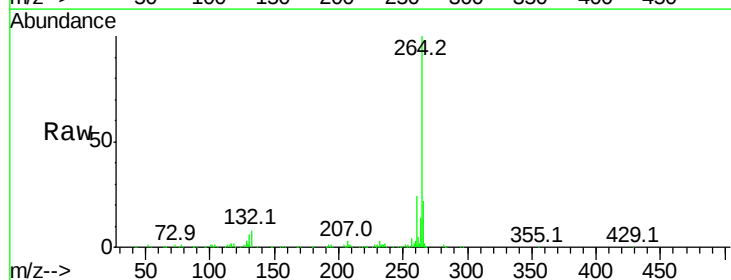
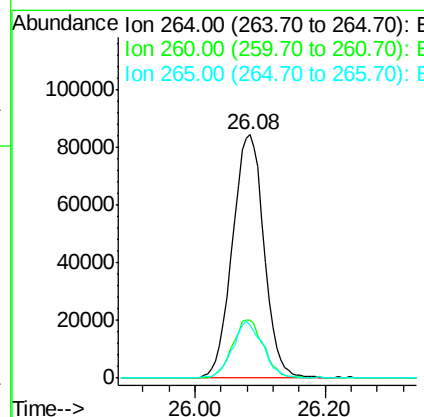
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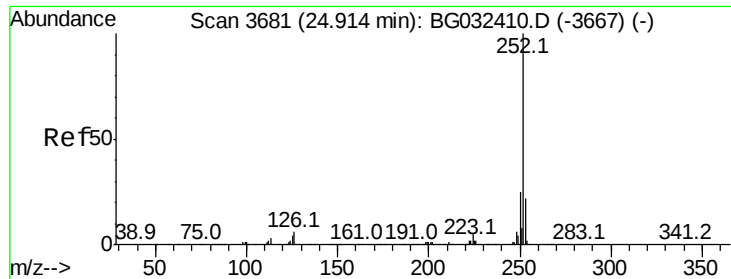
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 26.08 min Scan# 3880
Delta R.T. -0.00 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.6	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 43.067 ng

RT: 24.90 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Instrument :

BNA_G

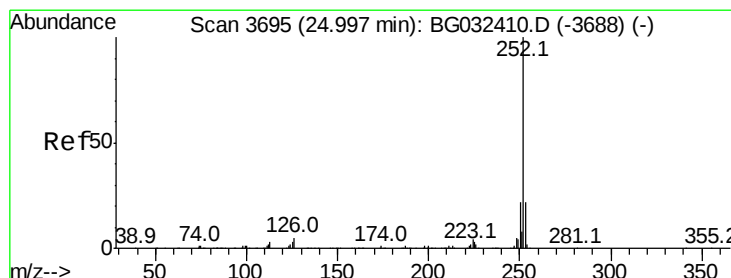
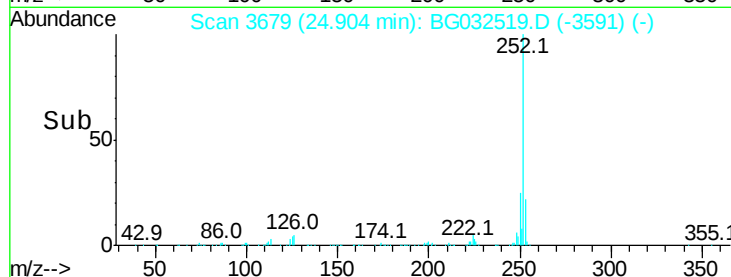
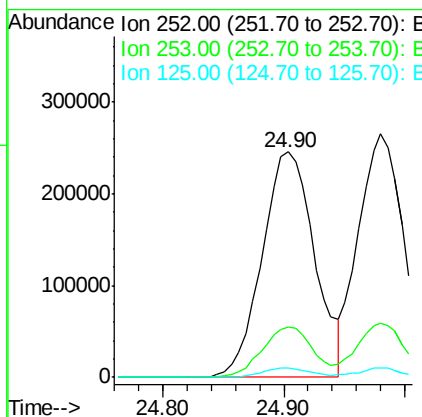
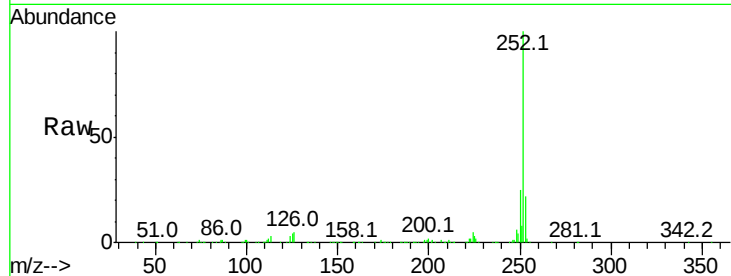
ClientSampleId :

PB106268BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	4.2	7.2	10.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 41.272 ng

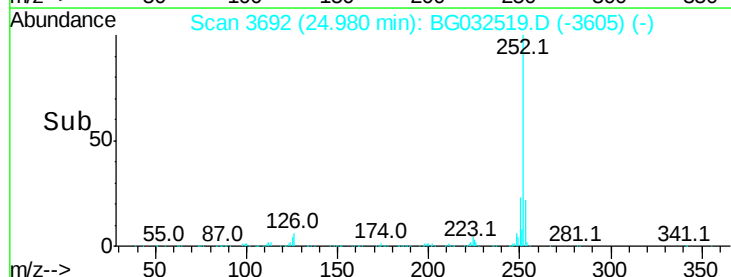
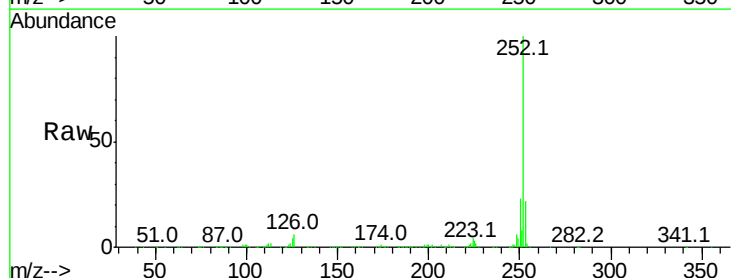
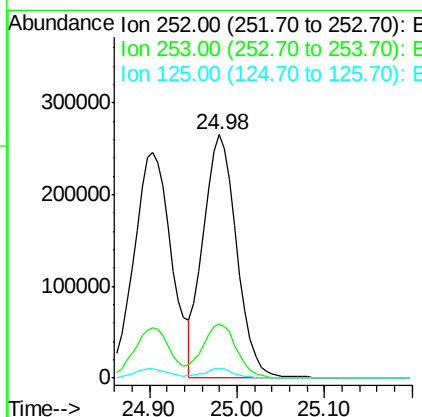
RT: 24.98 min Scan# 3692

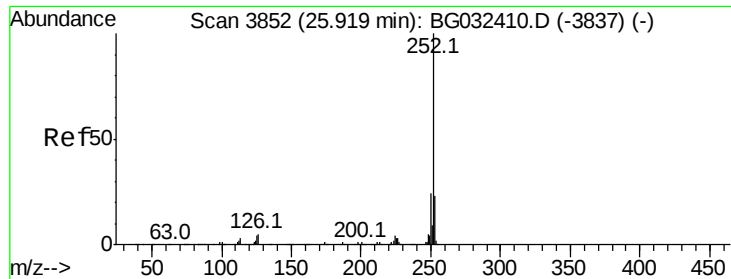
Delta R.T. -0.02 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	3.6	6.6	9.8





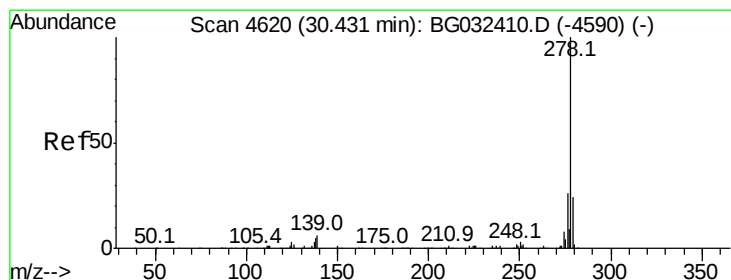
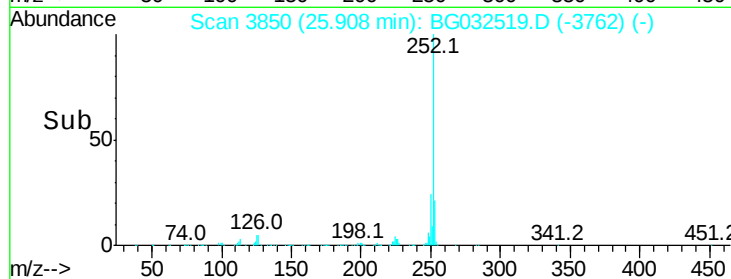
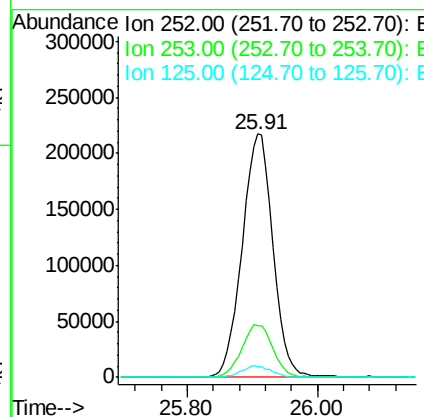
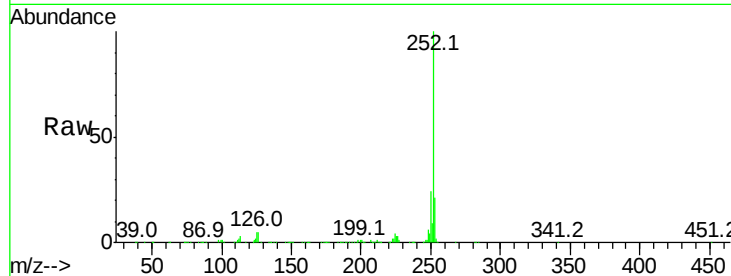
#89
Benzo(a)pyrene
Concen: 43.481 ng
RT: 25.91 min Scan# 3850
Delta R.T. -0.01 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Instrument :
BNA_G
ClientSampleId :
PB106268BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.3	27.5
125	4.5	7.3	10.9

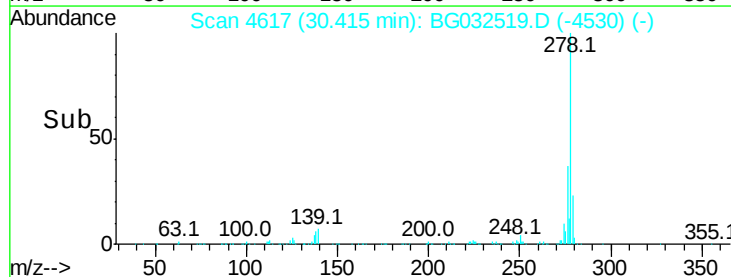
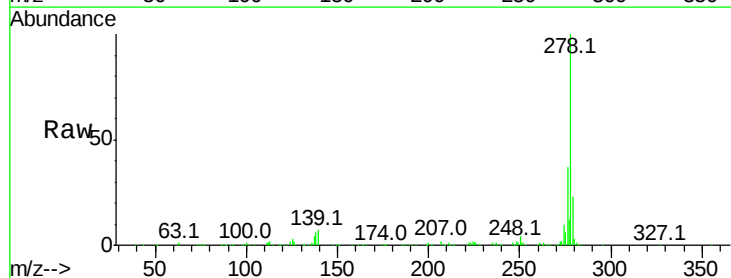
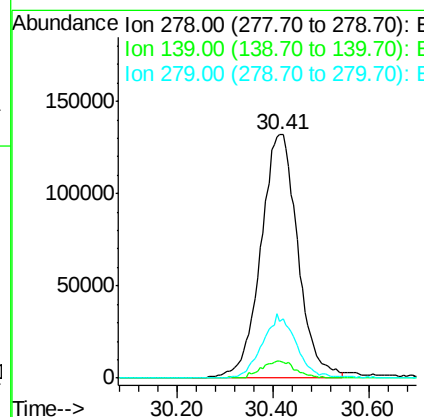
Manual Integrations
APPROVED

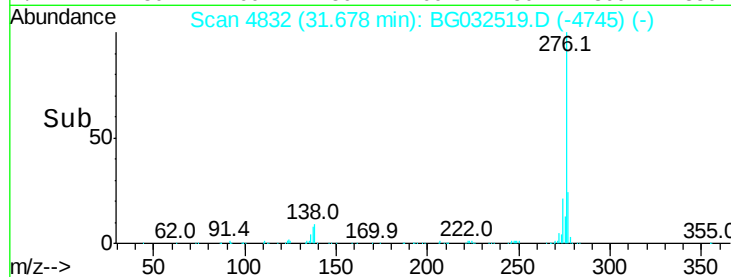
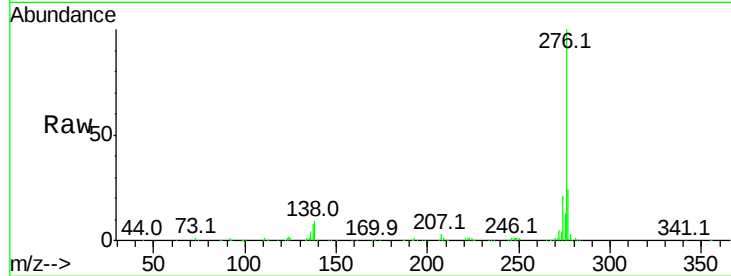
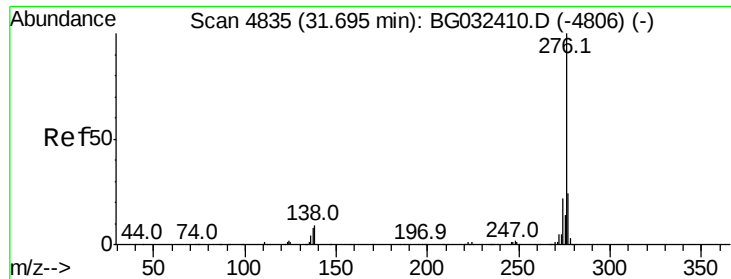
Sohil
2/5/2018 11:15:13 AM



#90
Dibenzo(a,h)anthracene
Concen: 42.257 ng
RT: 30.41 min Scan# 4617
Delta R.T. -0.02 min
Lab File: BG032519.D
Acq: 2 Feb 2018 19:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.0	9.8	14.6
279	23.4	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 42.857 ng

RT: 31.68 min Scan# 4832

Delta R.T. -0.02 min

Lab File: BG032519.D

Acq: 2 Feb 2018 19:31

Instrument :

BNA_G

ClientSampleId :

PB106268BS

Tot Ion:	276	Resp:	711873
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.3	27.5
138	8.8	13.9	20.9

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Sohil
2/5/2018 11:15:13 AM

