

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
 Data File : BG032518.D
 Acq On : 2 Feb 2018 18:53
 Operator : SJ/JU
 Sample : PB106274BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106274BS

Manual Integrations
 APPROVED

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

Quant Time: Feb 02 22:45:54 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	25310	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	101524	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	74486	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	211859	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	273657	20.00	ng	-0.01
86) Perylene-d12	26.08	264	302334	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	161552	128.20	ng	0.00
7) Phenol-d6	7.84	99	200386	119.17	ng	0.00
23) Nitrobenzene-d5	9.91	82	124222	76.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	182630	128.81	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	474888	75.78	ng	-0.02
78) Terphenyl-d14	20.61	244	1059175	82.91	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.80	88	14794	34.894	ng	# 74
3) Pyridine	4.25	79	38981	34.051	ng	86
4) n-Nitrosodimethylamine	4.16	42	24290	40.760	ng	# 68
6) Aniline	8.01	93	42387	20.218	ng	91
8) 2-Chlorophenol	8.26	128	65453	43.942	ng	# 79
9) Benzaldehyde	7.81	77	17769	20.460	ng	# 81
10) Phenol	7.86	94	69044	43.238	ng	91
11) bis(2-Chloroethyl)ether	8.10	93	41933	34.464	ng	87
12) 1,3-Dichlorobenzene	8.59	146	73096	36.287	ng	96
13) 1,4-Dichlorobenzene	8.75	146	75742	37.515	ng	96
14) 1,2-Dichlorobenzene	9.08	146	74772	37.805	ng	94
15) Benzyl Alcohol	8.95	79	50624	36.530	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.23	45	41814	36.268	ng	60
17) 2-Methylphenol	9.15	107	48337	37.270	ng	96
18) Hexachloroethane	9.83	117	25151	37.103	ng	# 80
19) n-Nitroso-di-n-propylamine	9.52	70	39829	35.724	ng	# 85
20) 3+4-Methylphenols	9.49	107	69342	38.117	ng	93
22) Acetophenone	9.55	105	87782	36.886	ng	# 92
24) Nitrobenzene	9.95	77	62642	39.855	ng	92
25) Isophorone	10.47	82	111618	40.330	ng	# 87
26) 2-Nitrophenol	10.68	139	39749	41.836	ng	# 85
27) 2,4-Dimethylphenol	10.72	122	63659	46.681	ng	89
28) bis(2-Chloroethoxy)methane	10.96	93	63191	41.637	ng	# 91
29) 2,4-Dichlorophenol	11.23	162	79093	43.781	ng	90
30) 1,2,4-Trichlorobenzene	11.44	180	90058	37.403	ng	94
31) Naphthalene	11.64	128	191826	38.686	ng	100
32) Benzoic acid	10.86	122	6566m	12.758	ng	
33) 4-Chloroaniline	11.74	127	43236	19.550	ng	# 90
34) Hexachlorobutadiene	11.91	225	67690	36.134	ng	95
35) Caprolactam	12.49	113	21892	42.213	ng	# 44
36) 4-Chloro-3-methylphenol	12.82	107	73923	43.139	ng	# 90
37) 2-Methylnaphthalene	13.21	142	161167	38.689	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	131119	37.627	ng	95
40) Hexachlorocyclopentadiene	13.53	237	170701	78.402	ng	90

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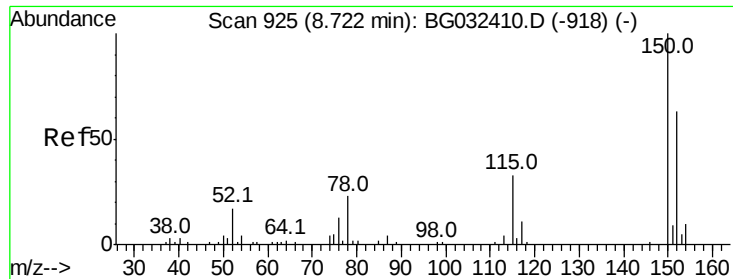
Manual Integrations
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 2/5/2018 11:15:11 AM

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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
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 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	80125	42.272	nq	94
43) 2,4,5-Trichlorophenol	13.87	196	90037	40.748	nq #	92
45) 1,1'-Biphenyl	14.18	154	237028	37.665	nq	95
46) 2-Chloronaphthalene	14.24	162	184862	37.480	nq	99
47) 2-Nitroaniline	14.43	65	45176	41.418	nq #	78
48) Acenaphthylene	15.07	152	284796	38.195	nq	99
49) Dimethylphthalate	14.77	163	263850	38.418	nq	98
50) 2,6-Dinitrotoluene	14.90	165	59192	41.063	nq #	76
51) Acenaphthene	15.41	154	186258	36.018	nq	99
52) 3-Nitroaniline	15.24	138	34617	27.494	nq #	71
53) 2,4-Dinitrophenol	15.44	184	9194	13.798	nq #	85
54) Dibenzofuran	15.74	168	310019	40.504	nq	98
55) 4-Nitrophenol	15.54	139	69604	73.841	nq #	76
56) 2,4-Dinitrotoluene	15.68	165	86806	42.295	nq #	69
57) Fluorene	16.38	166	251516	39.545	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.96	232	97040	44.529	nq #	85
59) Diethylphthalate	16.12	149	266890	39.900	nq	97
60) 4-Chlorophenyl-phenylether	16.36	204	160873	40.111	nq	95
61) 4-Nitroaniline	16.40	138	53807	39.871	nq #	77
62) Azobenzene	16.65	77	163539	40.911	nq	88
64) 4,6-Dinitro-2-methylphenol	16.44	198	16732	10.572	nq #	70
65) n-Nitrosodiphenylamine	16.57	169	240299	38.006	nq	98
66) 4-Bromophenyl-phenylether	17.25	248	117625	37.476	nq	96
67) Hexachlorobenzene	17.38	284	128612	37.028	nq #	91
68) Atrazine	17.50	200	117634	43.341	nq	95
69) Pentachlorophenol	17.72	266	101969	46.863	nq	97
70) Phenanthrene	18.12	178	455839	38.582	nq	99
71) Anthracene	18.21	178	467610	39.749	nq	99
72) Carbazole	18.48	167	407934	39.246	nq	98
73) Di-n-butylphthalate	18.98	149	466834	40.566	nq	100
74) Fluoranthene	20.09	202	629289	40.615	nq	95
76) Benzidine	20.25	184	222631	41.431	nq	100
77) Pyrene	20.44	202	636013	37.893	nq	99
79) Butylbenzylphthalate	21.30	149	216830	40.956	nq #	77
80) Benzo(a)anthracene	22.39	228	684928	40.372	nq	98
81) 3,3'-Dichlorobenzidine	22.28	252	159952	24.335	nq #	97
82) Chrysene	22.46	228	641936	39.181	nq	97
83) Bis(2-ethylhexyl)phthalate	22.22	149	307083	40.908	nq #	98
84) Di-n-octyl phthalate	23.59	149	531096	44.606	nq #	88
85) Indeno(1,2,3-cd)pyrene	30.35	276	875797	42.255	nq #	84
87) Benzo(b)fluoranthene	24.90	252	741024	40.565	nq #	95
88) Benzo(k)fluoranthene	24.99	252	714805	39.500	nq #	96
89) Benzo(a)pyrene	25.91	252	718655	41.265	nq #	95
90) Dibenzo(a,h)anthracene	30.41	278	728383	40.884	nq #	95
91) Benzo(g,h,i)perylene	31.68	276	721691	40.811	nq #	91

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



#1

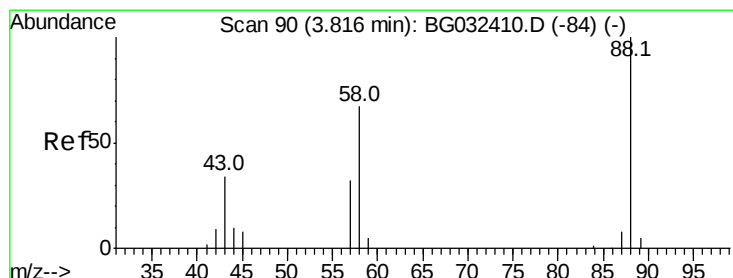
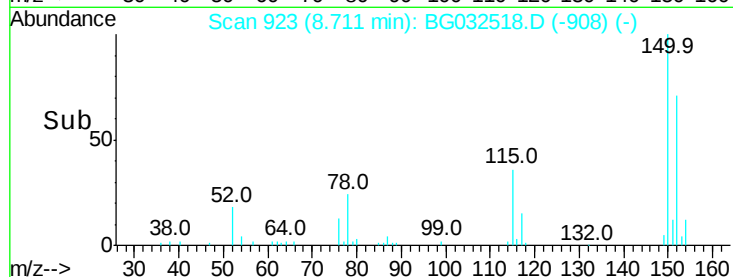
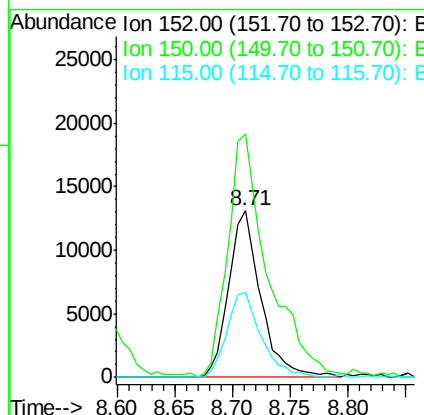
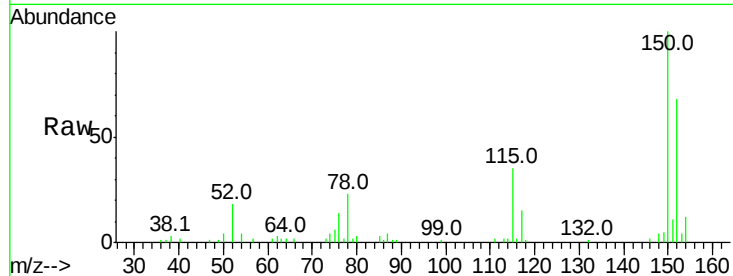
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :
PB106274BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.4	126.6	189.8
115	51.3	53.0	79.4

Manual Integrations
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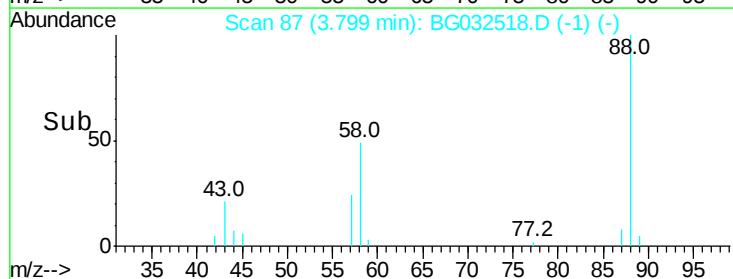
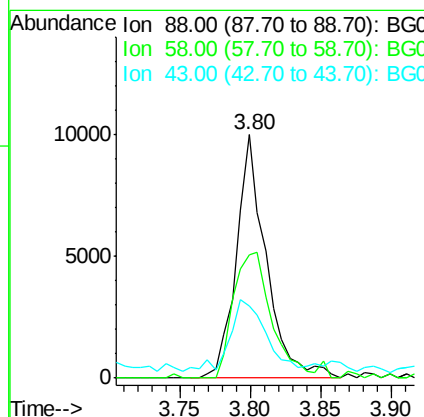
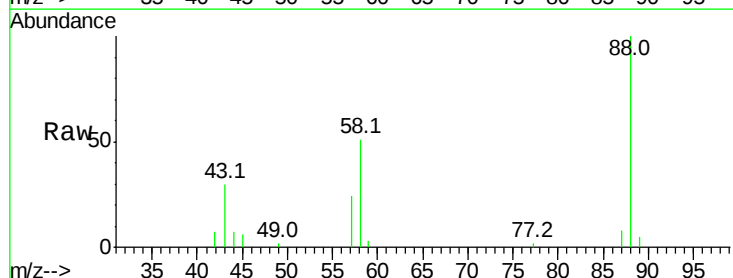
Sohil
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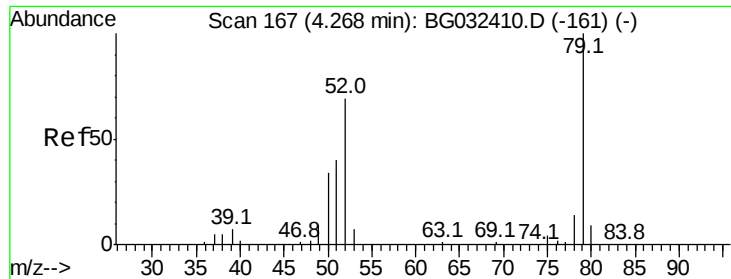


#2

1,4-Dioxane
Concen: 34.894 ng
RT: 3.80 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.9	79.6	119.4
43	35.2	27.4	41.0





#3

Pvridine

Concen: 34.051 ng

RT: 4.25 min Scan# 164

Delta R.T. -0.02 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

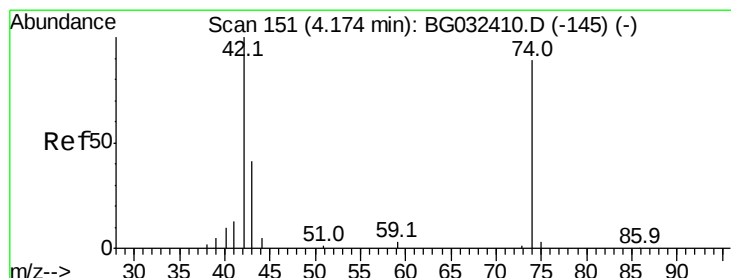
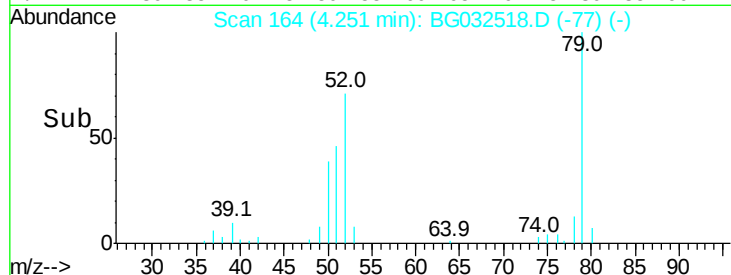
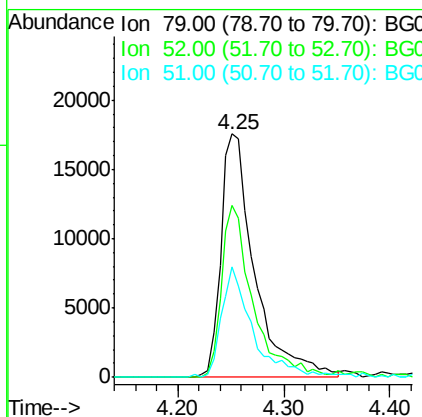
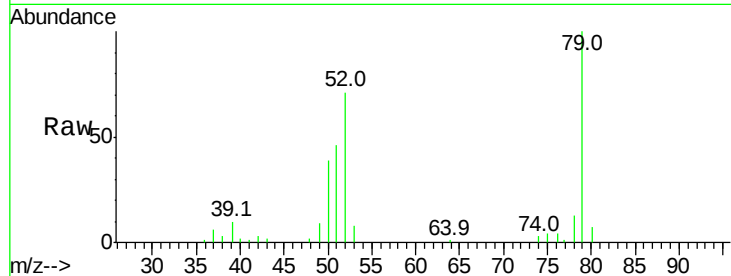
ClientSampleId :

PB106274BS

Tot Ion:	79	Resp:	38981
Ion	Ratio	Lower	Upper
79	100		
52	70.8	69.9	104.9
51	45.5	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.760 ng

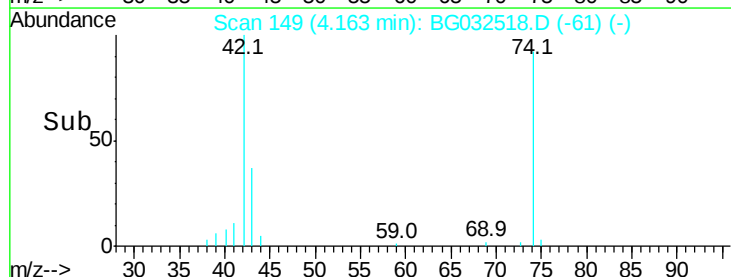
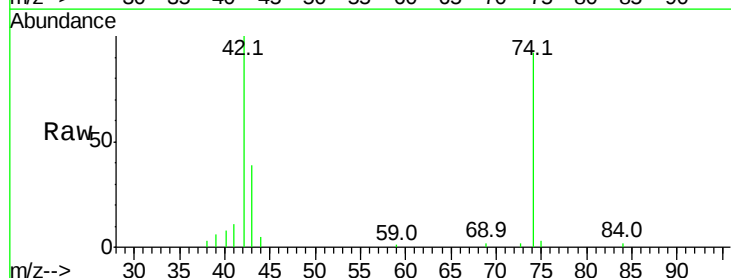
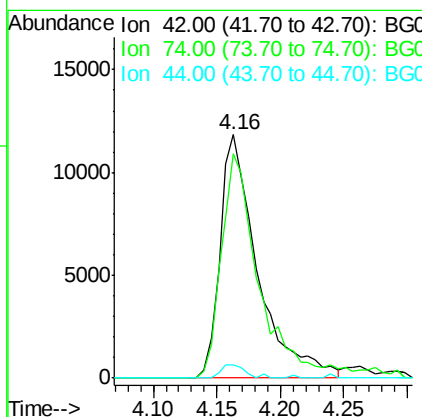
RT: 4.16 min Scan# 149

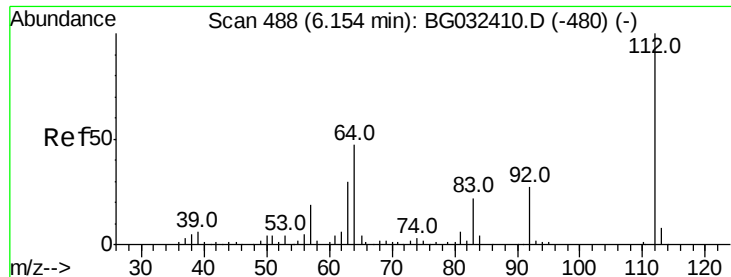
Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Tgt Ion:	42	Resp:	24290
Ion	Ratio	Lower	Upper
42	100		
74	92.0	102.5	153.7#
44	5.4	18.9	28.3#





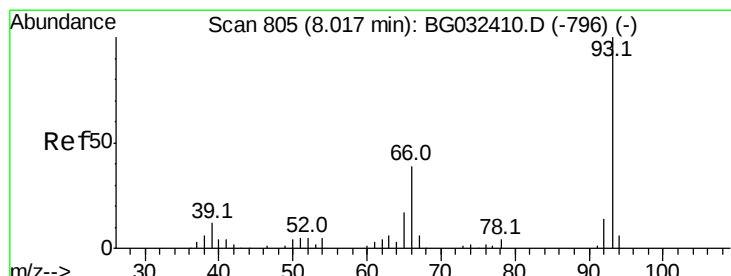
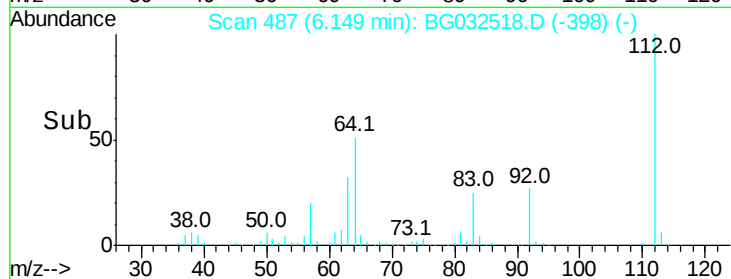
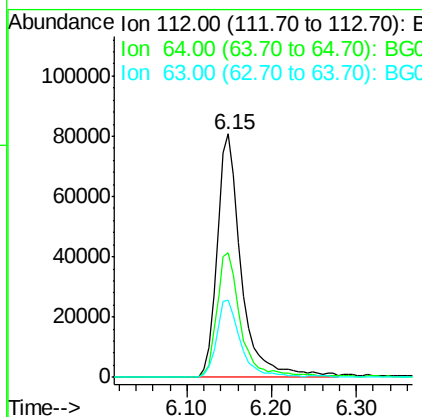
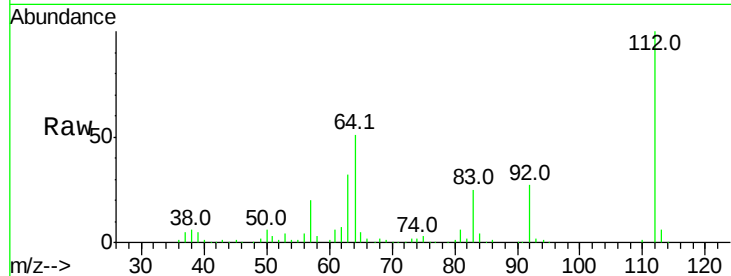
#5
 2-Fluorophenol
 Concen: 128.205 ng
 RT: 6.15 min Scan# 487
 Delta R.T. -0.00 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Instrument :
 BNA_G
 ClientSampleID :
 PB106274BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	51.1	56.3	84.5#
63	31.7	30.1	45.1

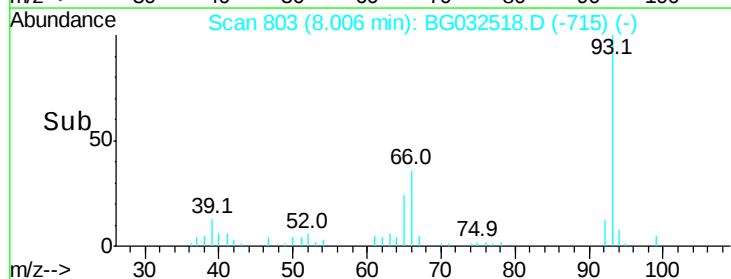
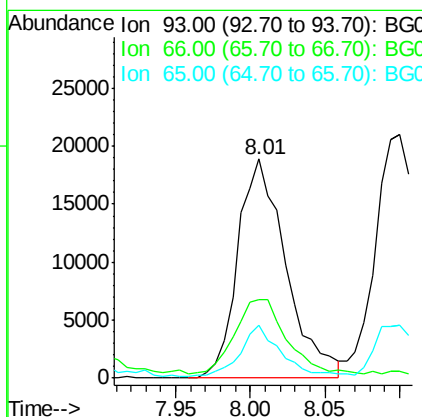
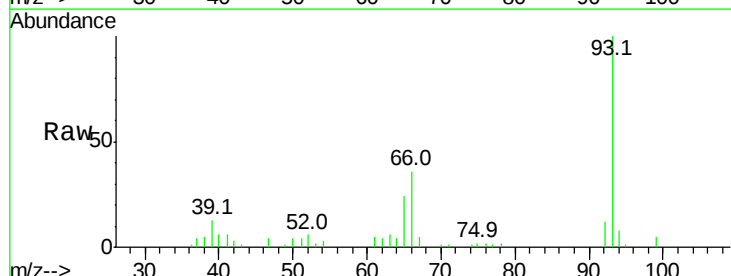
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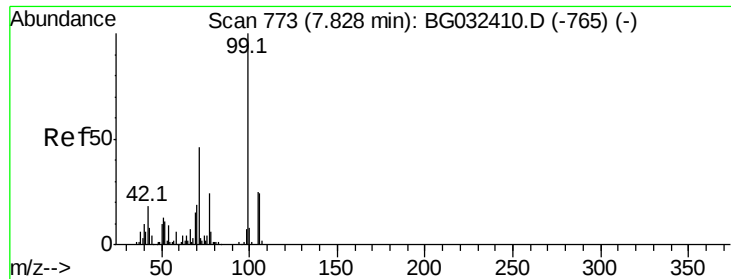
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#6
 Aniline
 Concen: 20.218 ng
 RT: 8.01 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	35.9	33.7	50.5
65	23.9	16.1	24.1





#7

Phenol-d6

Concen: 119.170 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

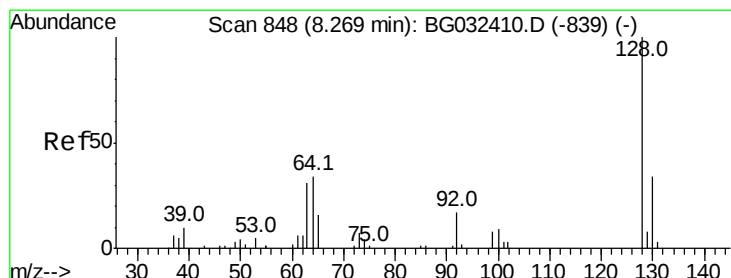
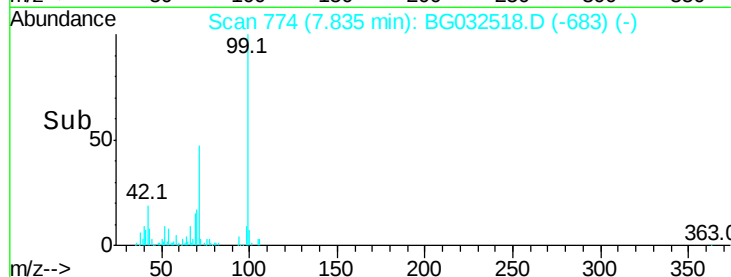
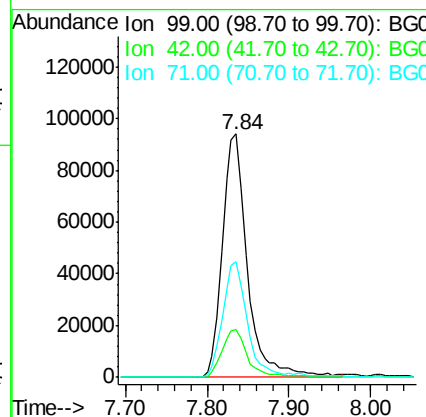
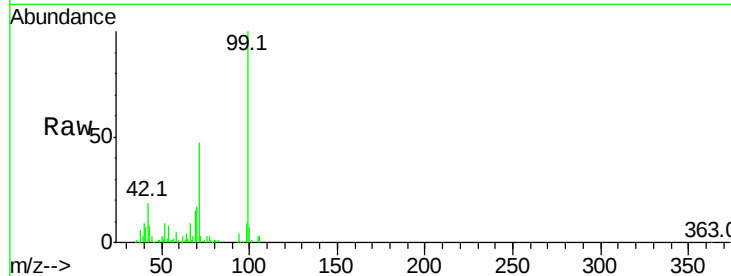
ClientSampleId :

PB106274BS

Tot Ion	Ratio	Resp Lower	Upper
99	100		
42	19.4	14.1	21.1
71	47.3	26.1	39.1#

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#8

2-Chlorophenol

Concen: 43.942 ng

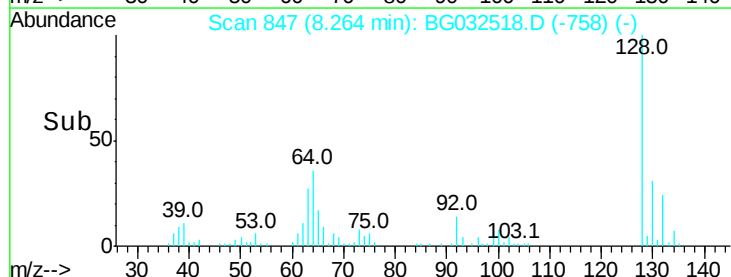
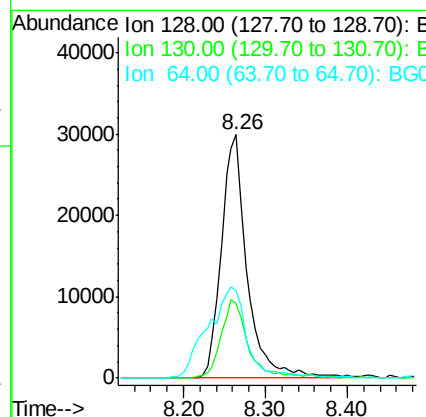
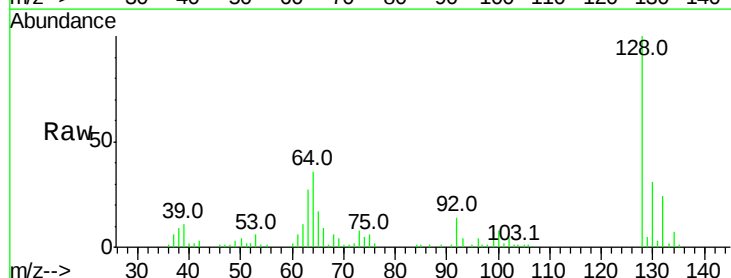
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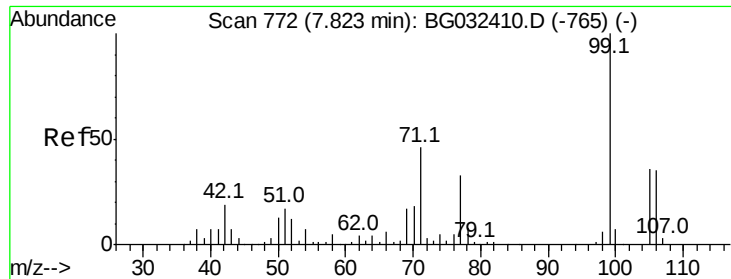
Delta R.T. -0.00 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
130	30.6	14.0	54.0
64	36.1	37.7	77.7#





#9

Benzaldehyde

Concen: 20.460 ng

RT: 7.81 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleID :

PB106274BS

Tot Ion: 77 Resp: 17769

Ion Ratio Lower Upper

77 100

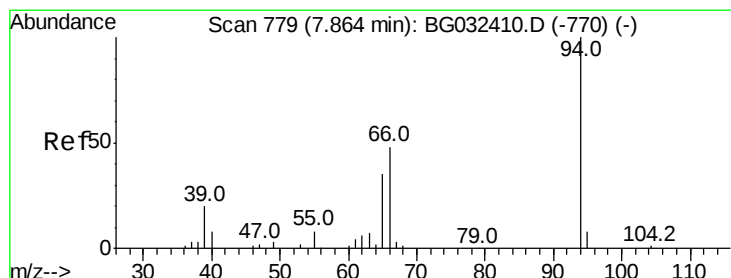
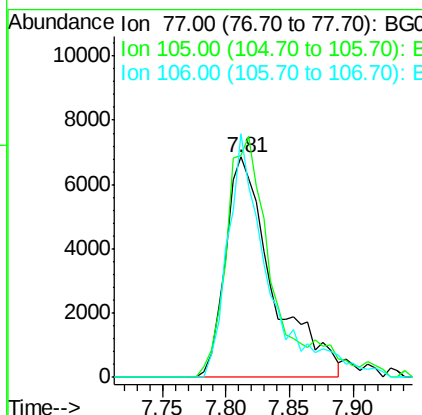
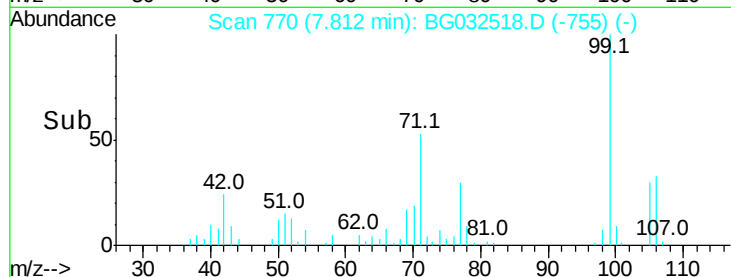
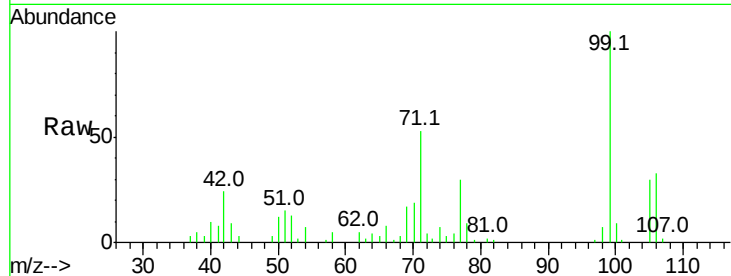
105 100.7 71.3 111.3

106 110.4 64.2 104.2#

Manual Integrations
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#10

Phenol

Concen: 43.238 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

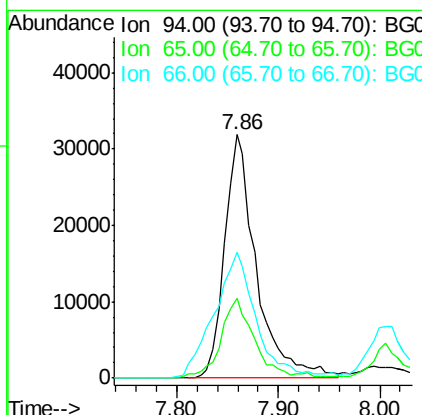
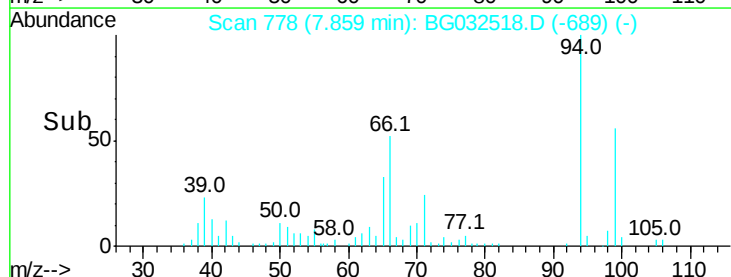
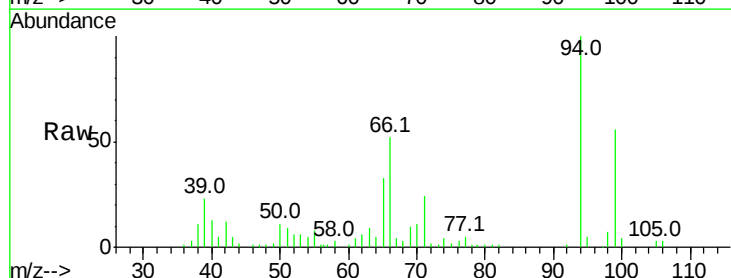
Tgt Ion: 94 Resp: 69044

Ion Ratio Lower Upper

94 100

65 33.0 11.9 51.9

66 51.5 22.2 62.2





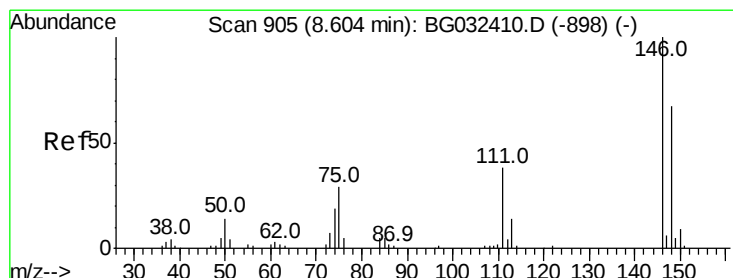
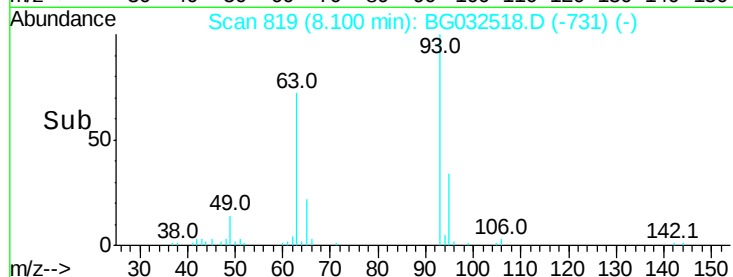
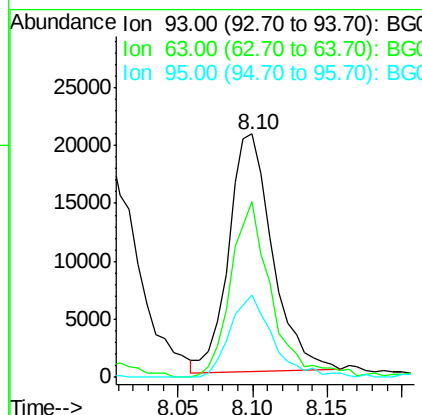
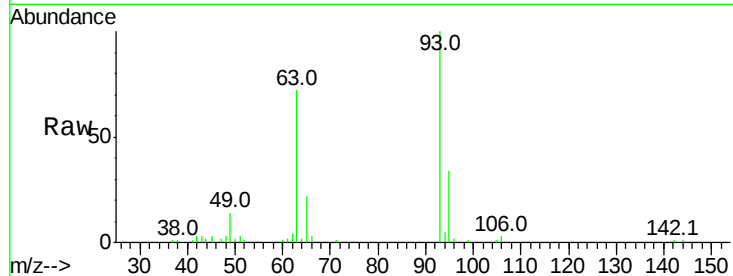
#11
bis(2-Chloroethyl)ether
Concen: 34.464 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :
PB106274BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.3	67.1	107.1
95	33.9	11.5	51.5

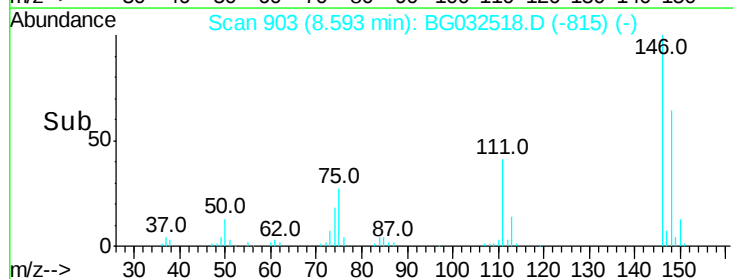
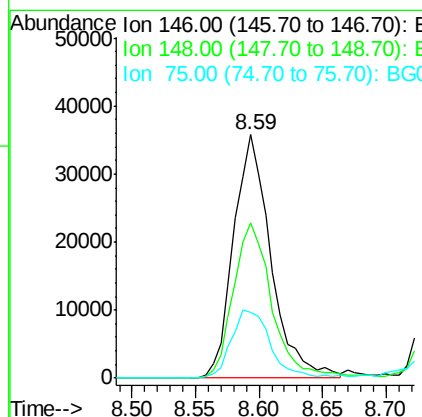
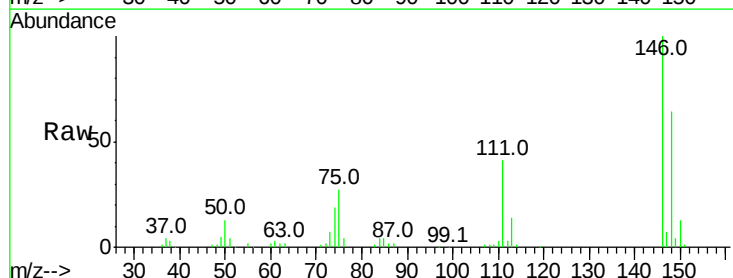
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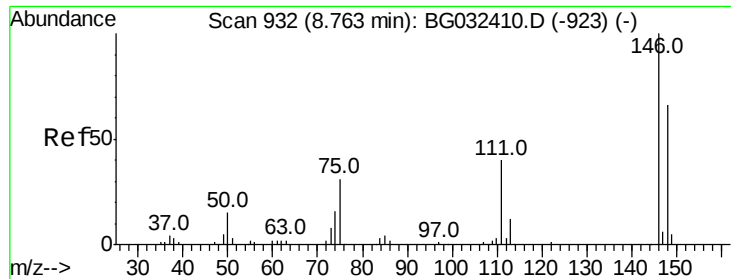
Sohil
2/5/2018 11:15:11 AM



#12
1,3-Dichlorobenzene
Concen: 36.287 ng
RT: 8.59 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.2
75	26.8	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 37.515 ng

RT: 8.75 min Scan# 929

Delta R.T. -0.02 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

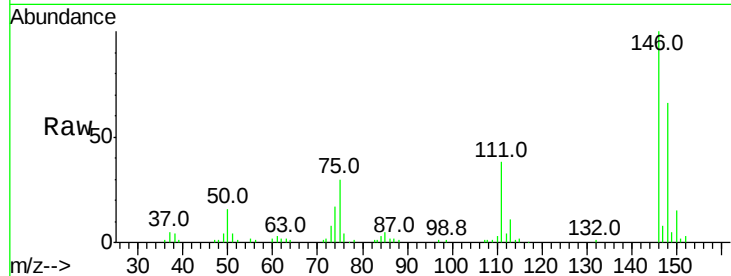
ClientSampleId :

PB106274BS

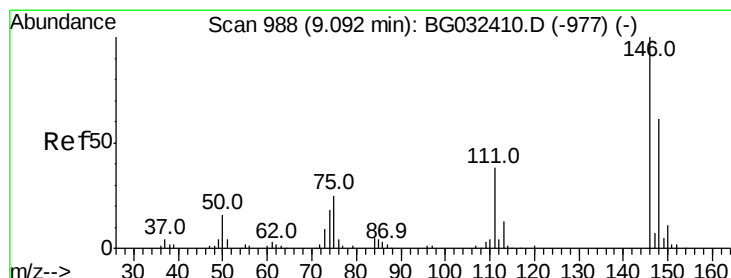
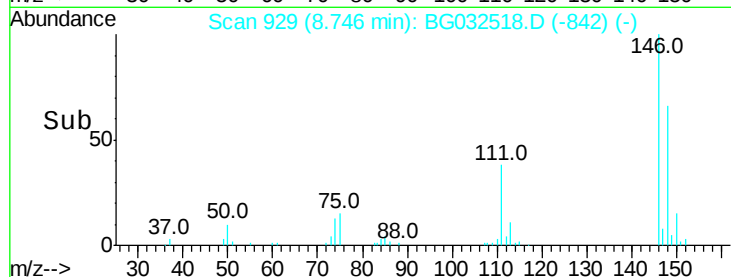
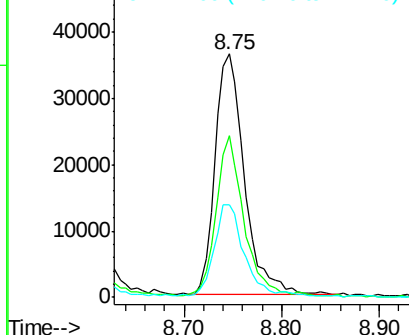
Tot Ion:	146	Resp:	75742
Ion Ratio	Lower	Upper	
146	100		
148	66.3	53.7	80.5
111	38.2	35.2	52.8

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



#14

1,2-Dichlorobenzene

Concen: 37.805 ng

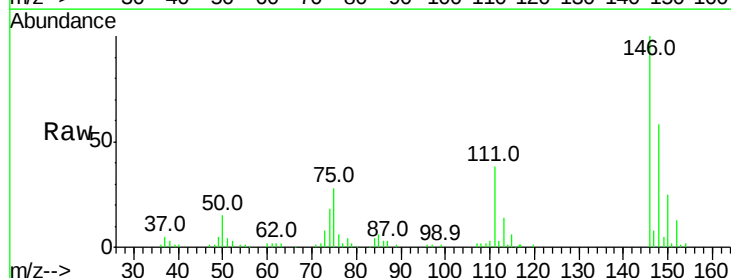
RT: 9.08 min Scan# 985

Delta R.T. -0.02 min

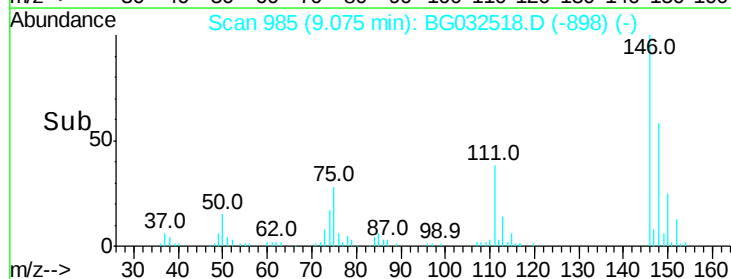
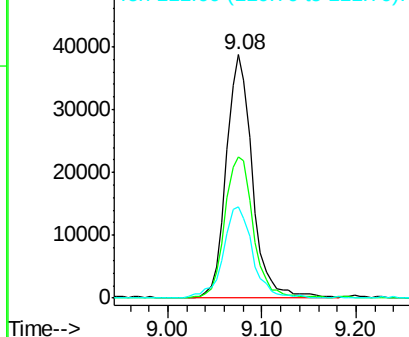
Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Tgt Ion:	146	Resp:	74772
Ion Ratio	Lower	Upper	
146	100		
148	58.1	49.3	73.9
111	37.8	34.3	51.5



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





#15

Benzyl Alcohol

Concen: 36.530 ng

RT: 8.95 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

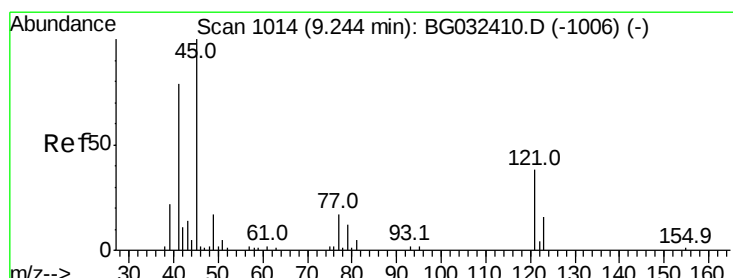
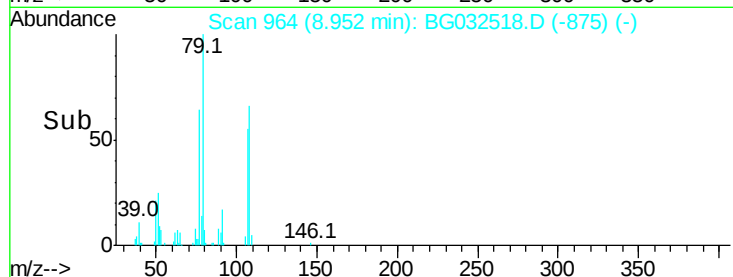
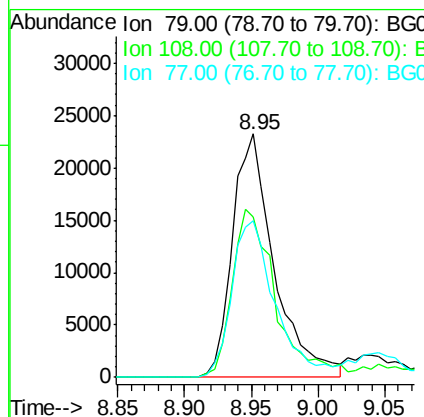
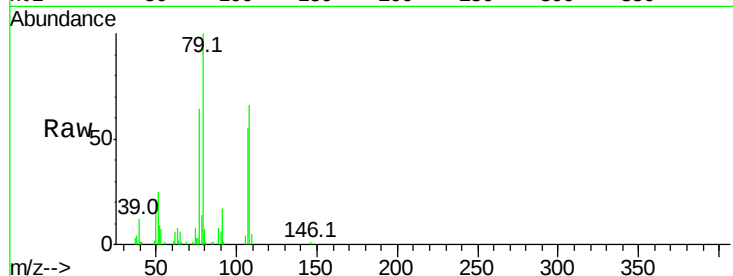
ClientSampleId :

PB106274BS

Tot Ion:	79	Resp:	50624
Ion Ratio	Lower	Upper	
79	100		
108	65.9	57.2	85.8
77	64.1	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.268 ng

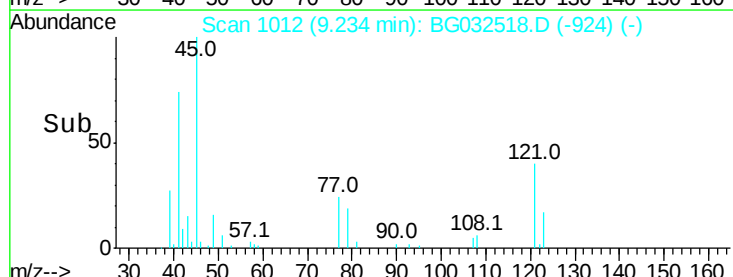
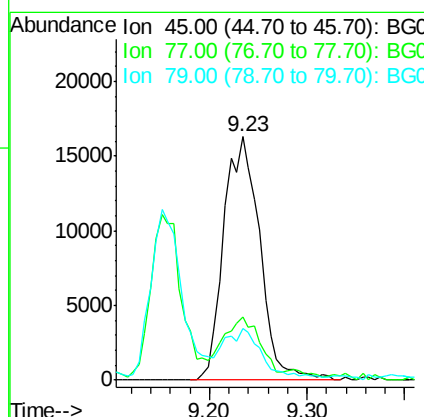
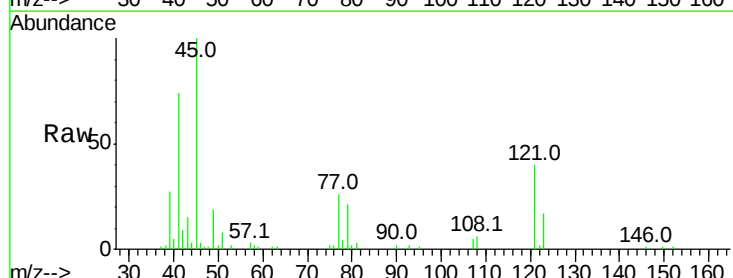
RT: 9.23 min Scan# 1012

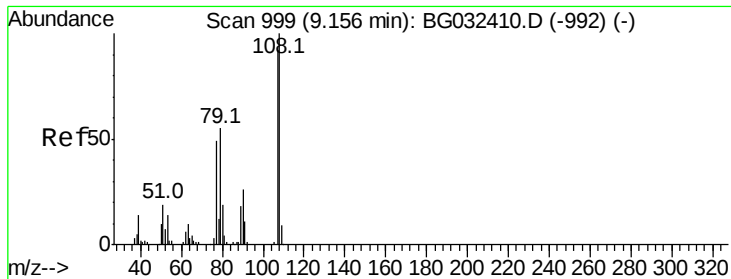
Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Tgt Ion:	45	Resp:	41814
Ion Ratio	Lower	Upper	
45	100		
77	26.1	0.0	30.2
79	21.0	0.0	27.9





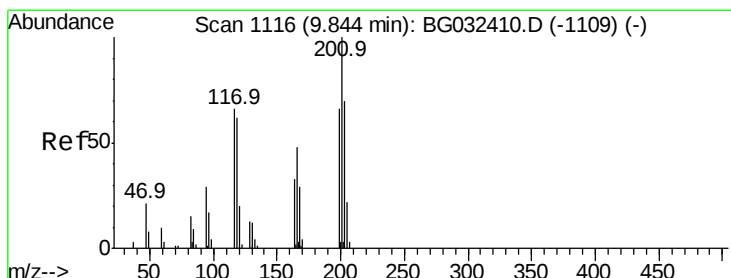
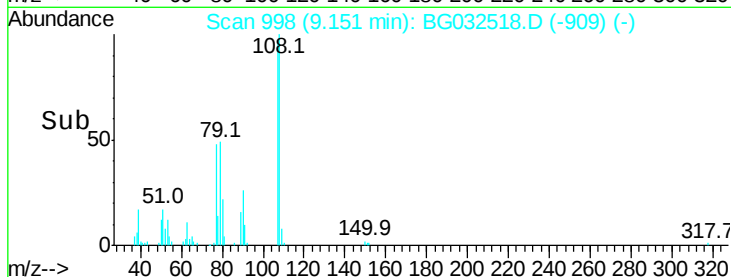
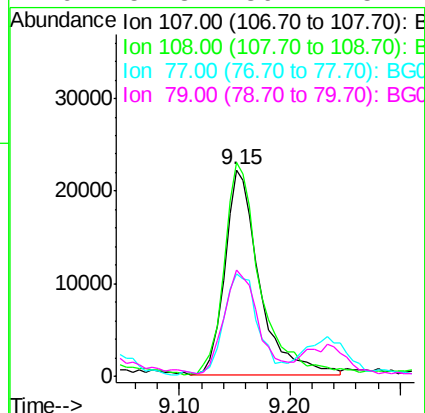
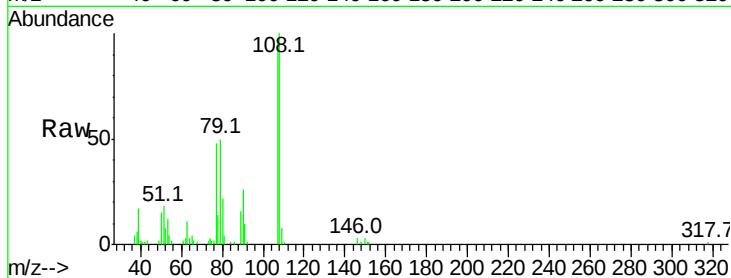
#17
2-Methylphenol
Concen: 37.270 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :
PB106274BS

Tot Ion:	107	Resp:	48337
Ion	Ratio	Lower	Upper
107	100		
108	103.4	83.9	125.9
77	49.5	37.2	55.8
79	51.3	36.2	54.2

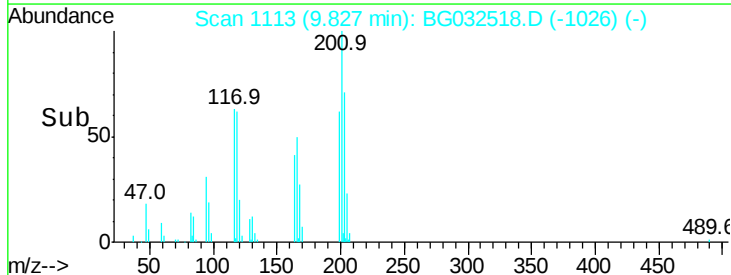
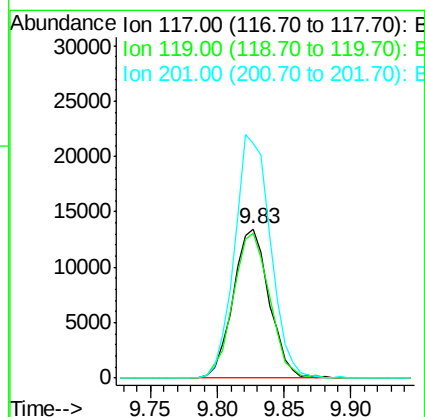
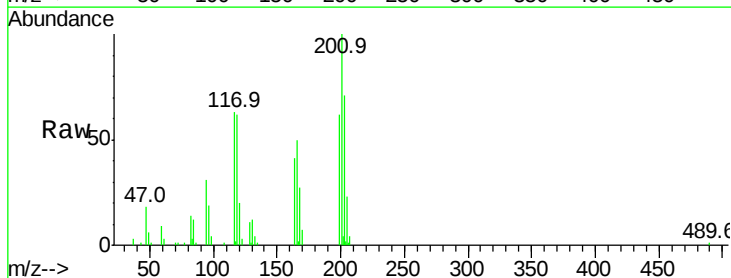
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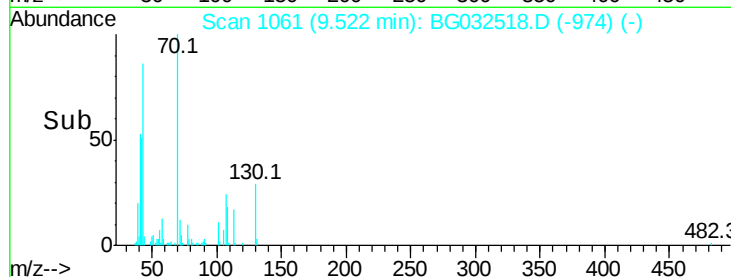
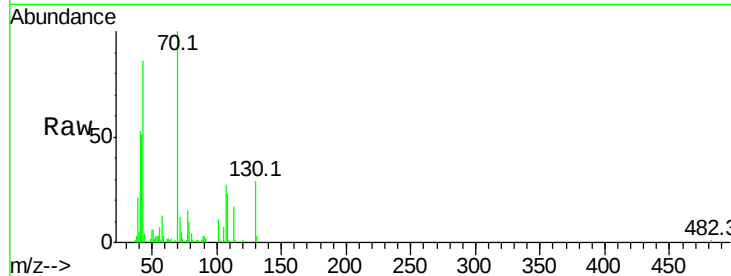
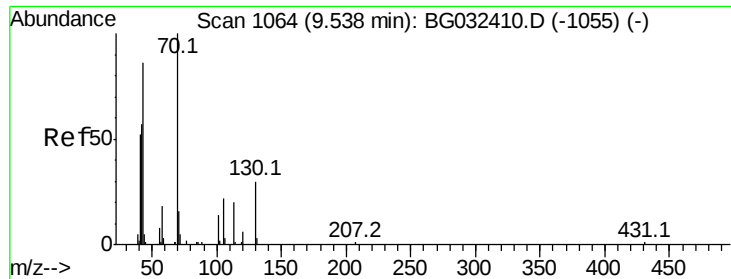
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#18
Hexachloroethane
Concen: 37.103 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion:	117	Resp:	25151
Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.7	115.1
201	157.8	95.7	143.5#





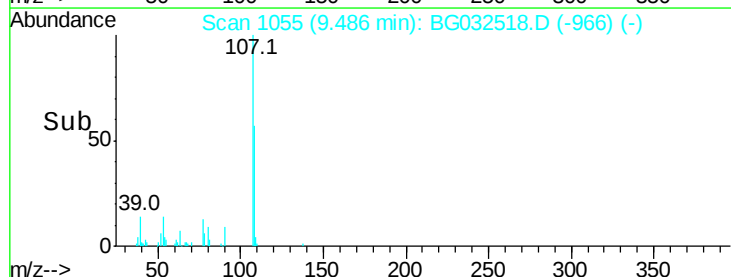
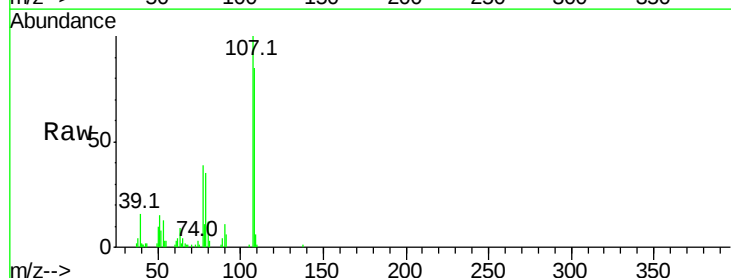
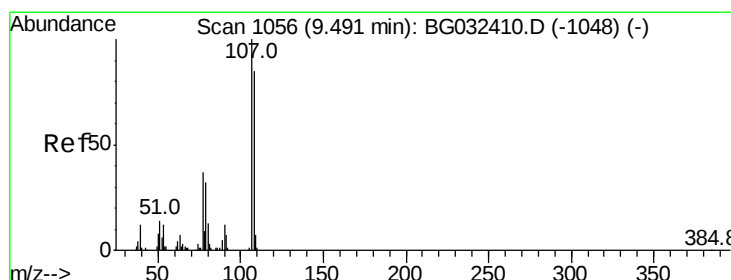
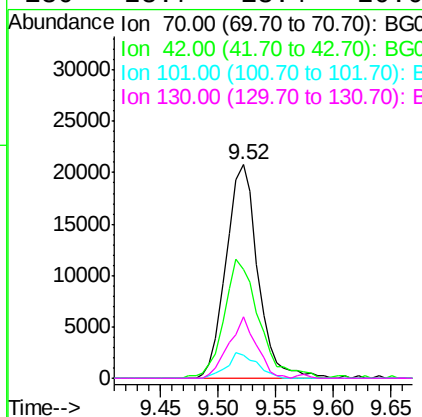
#19
n-Nitroso-di-n-propylamine
Concen: 35.724 ng
RT: 9.52 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :
PB106274BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		39829		
42	50.9	49.1	73.7		
101	10.7	8.5	12.7		
130	28.7	13.4	20.0		

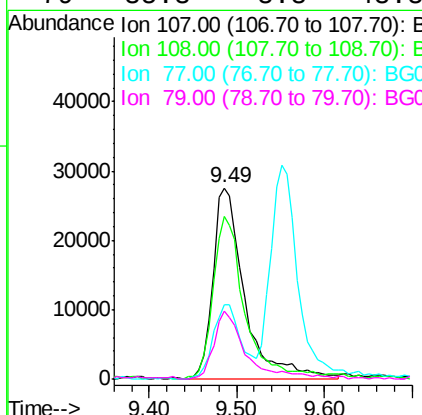
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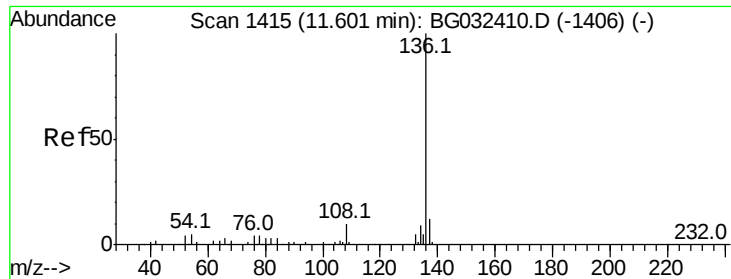
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#20
3+4-Methylphenols
Concen: 38.117 ng
RT: 9.49 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		69342		
108	84.9	61.6	101.6		
77	39.2	13.9	53.9		
79	35.3	8.8	48.8		





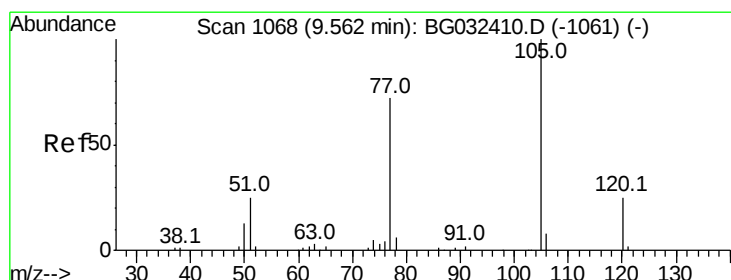
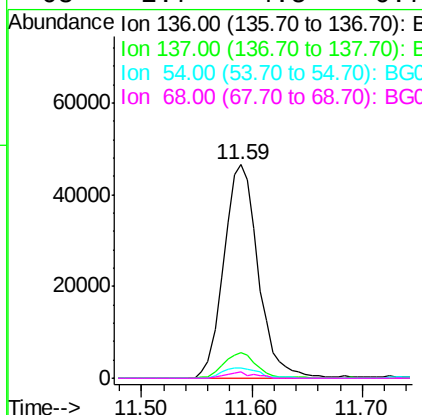
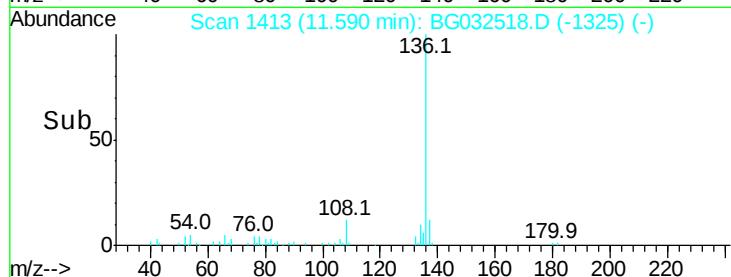
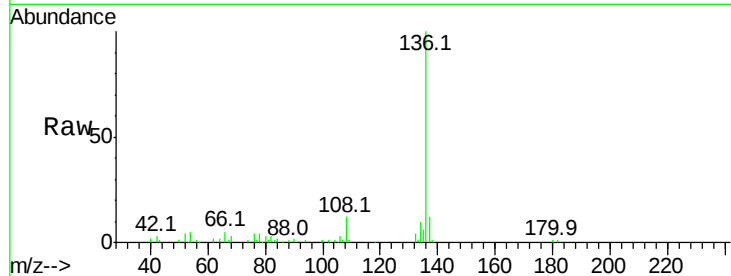
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :
PB106274BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.3	9.2	13.8	
54	5.0	10.3	15.5#	
68	2.7	4.5	6.7#	

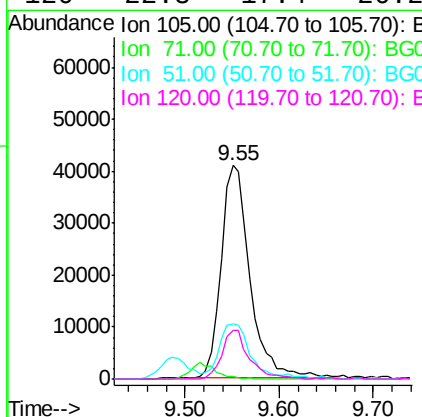
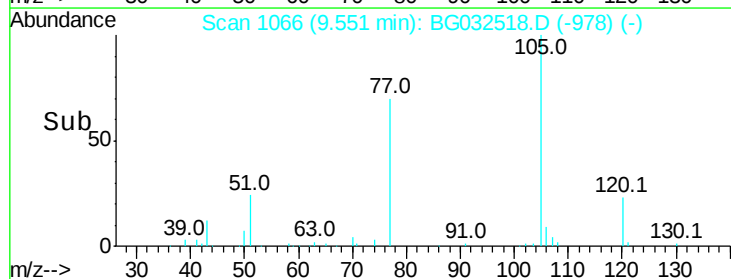
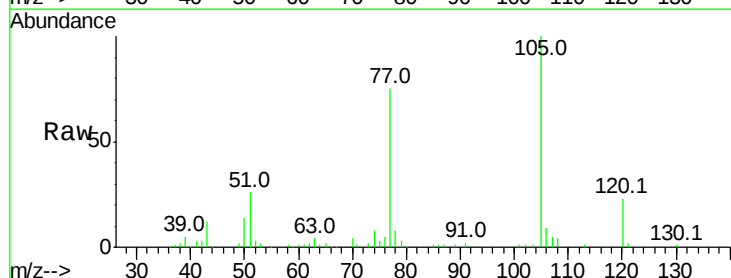
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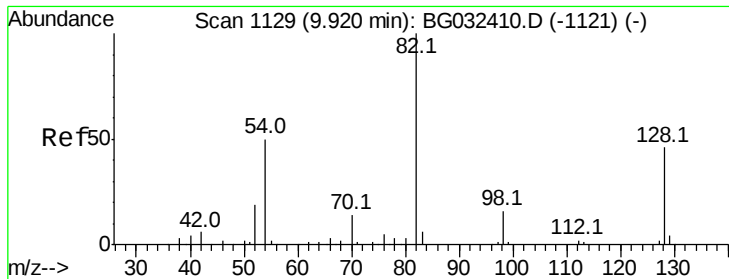
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#22
Acetophenone
Concen: 36.886 ng
RT: 9.55 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.2	3.0	4.4#	
51	25.8	26.1	39.1#	
120	22.8	17.4	26.2	





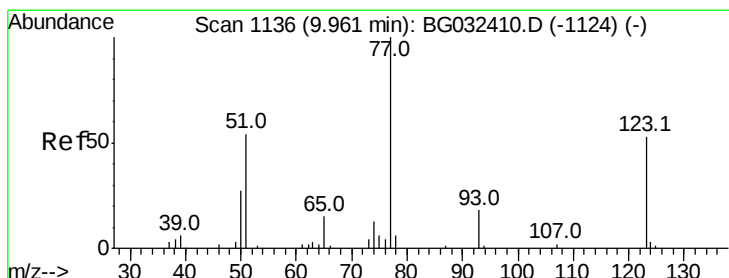
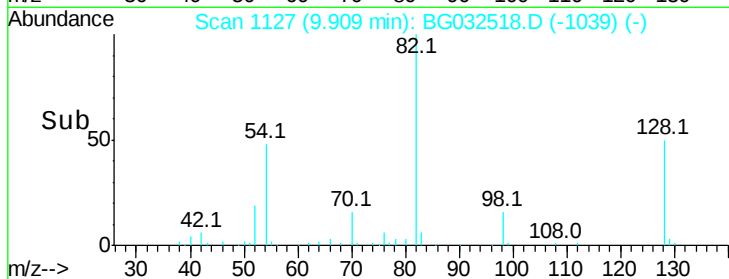
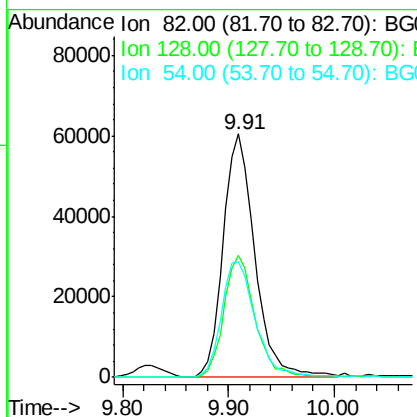
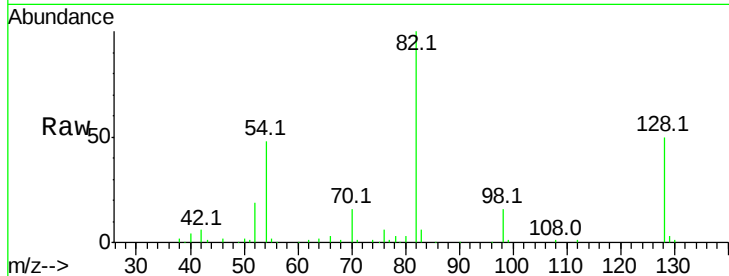
#23
 Nitrobenzene-d5
 Concen: 76.425 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Instrument :
 BNA_G
 ClientSampleId :
 PB106274BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	50.2	29.7	44.5#	
54	47.5	43.1	64.7	

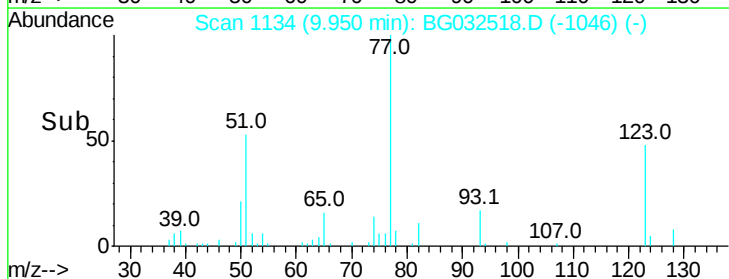
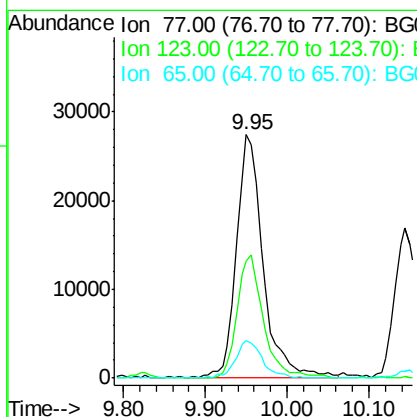
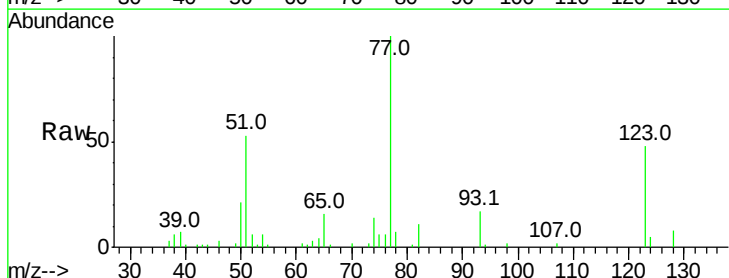
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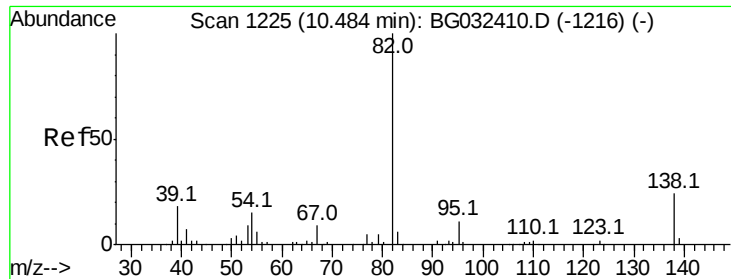
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#24
 Nitrobenzene
 Concen: 39.855 ng
 RT: 9.95 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.1	33.0	49.6	
65	15.6	13.0	19.6	





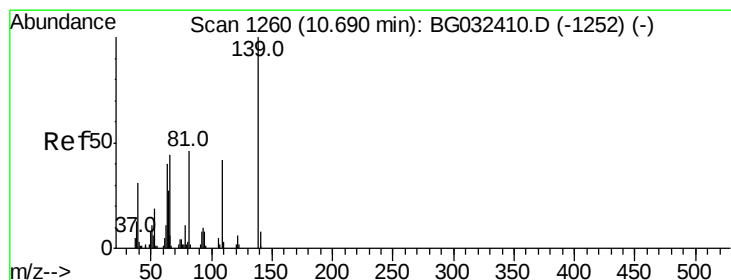
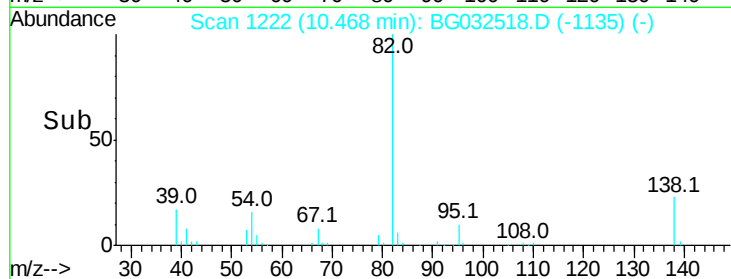
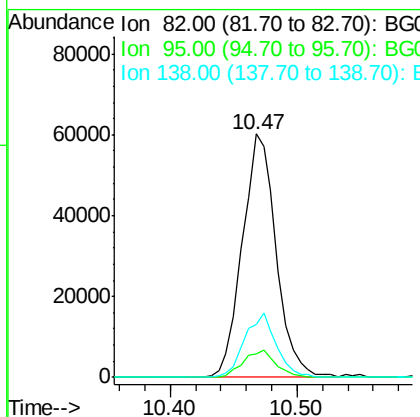
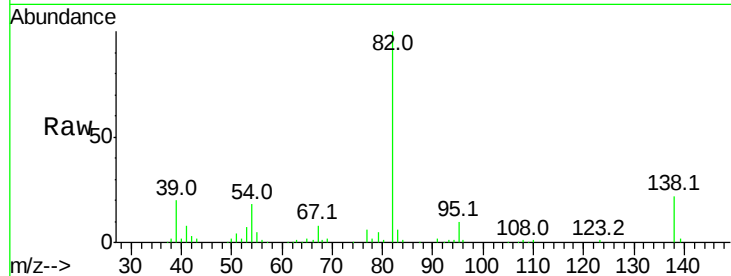
#25
Isophorone
Concen: 40.330 ng
RT: 10.47 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :
PB106274BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	9.7	6.2	9.2#	
138	21.9	12.1	18.1#	

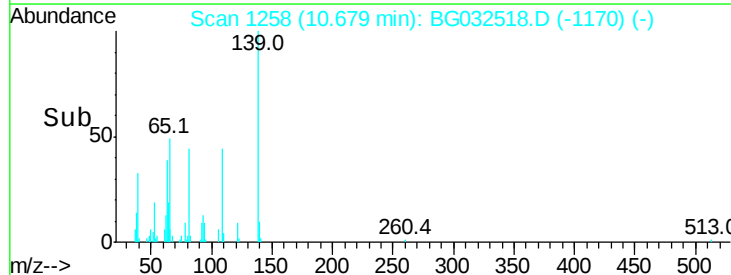
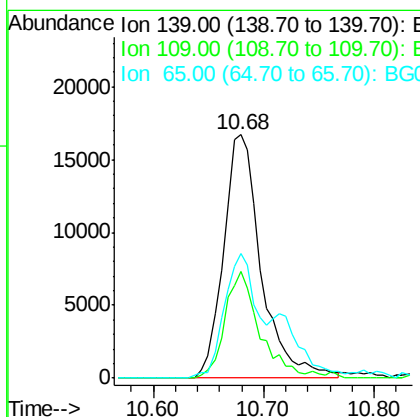
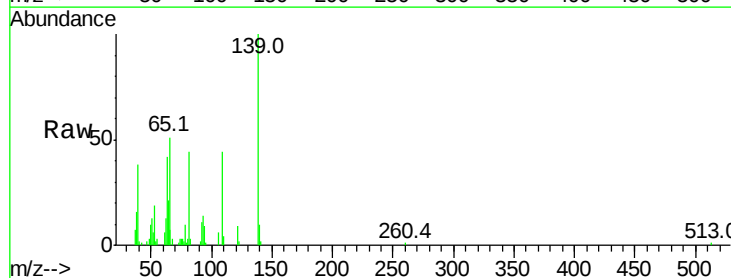
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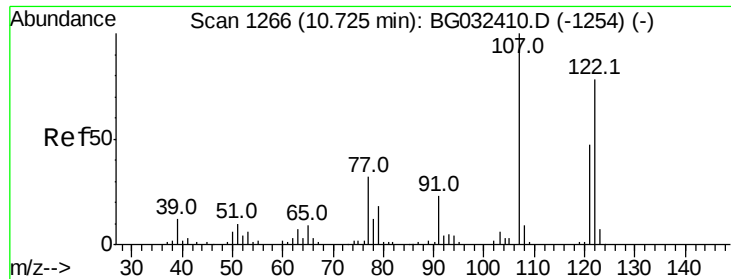
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#26
2-Nitrophenol
Concen: 41.836 ng
RT: 10.68 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	43.6	24.2	36.2#	
65	51.1	47.4	71.0#	





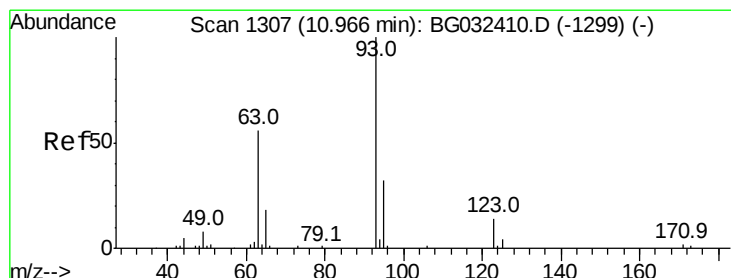
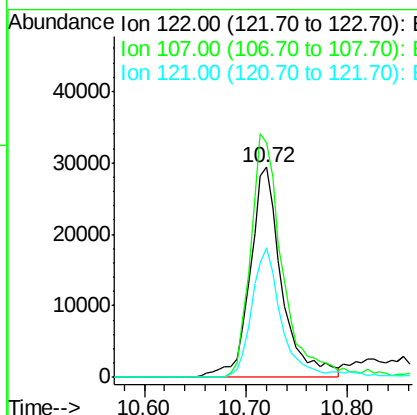
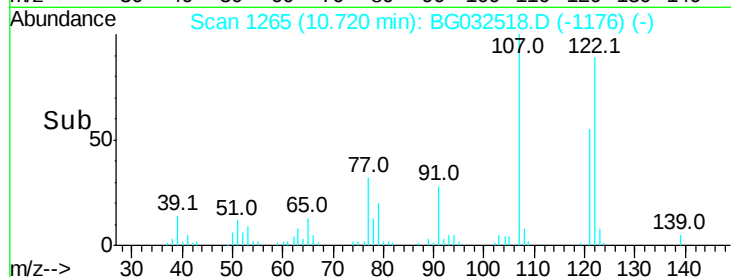
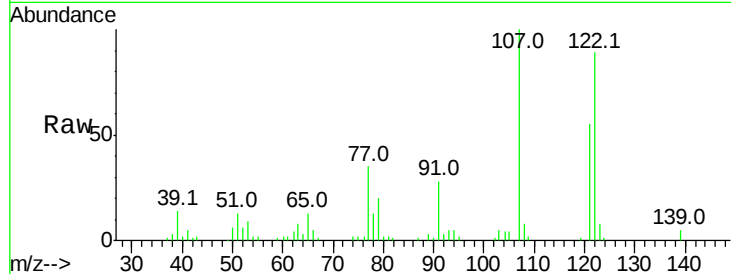
#27
 2,4-Dimethylphenol
 Concen: 46.681 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Instrument :
 BNA_G
 ClientSampled :
 PB106274BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.9	100.2	150.2
121	61.7	44.4	66.6

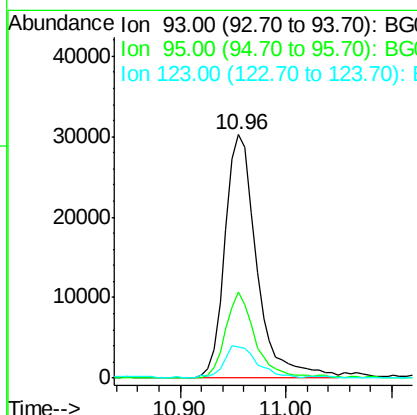
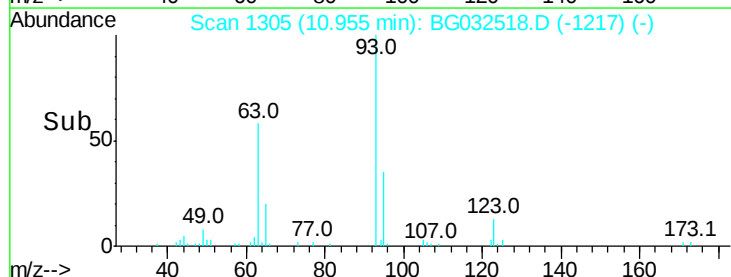
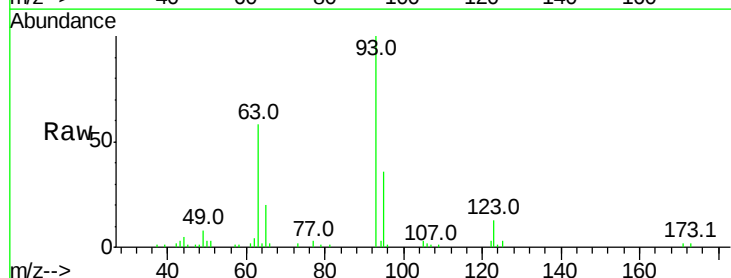
Manual Integrations
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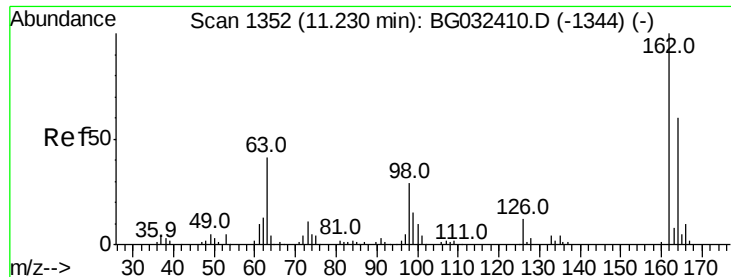
Sohil
 2/5/2018 11:15:11 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.637 ng
 RT: 10.96 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.5	24.3	36.5
123	13.0	8.4	12.6#





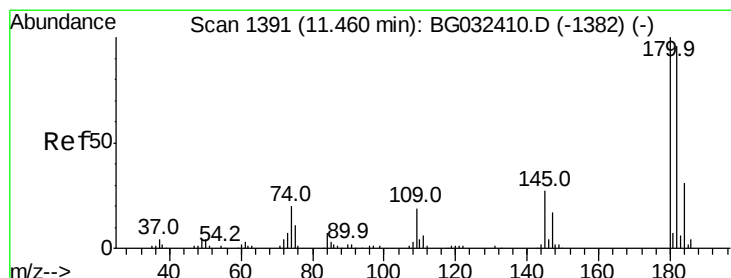
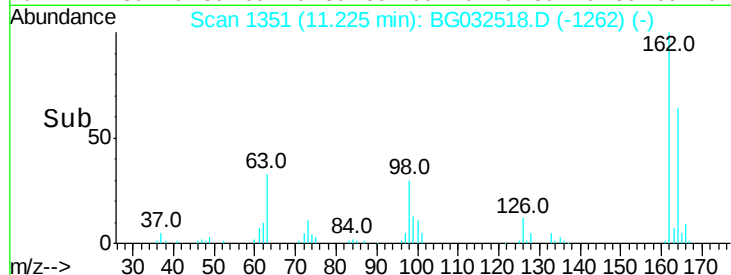
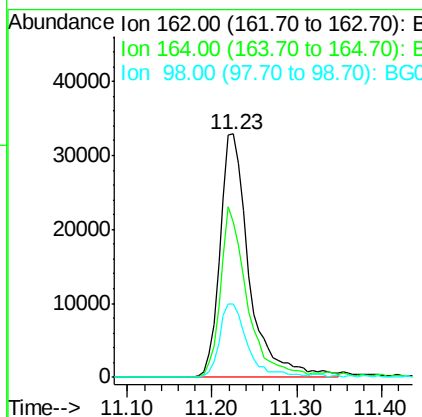
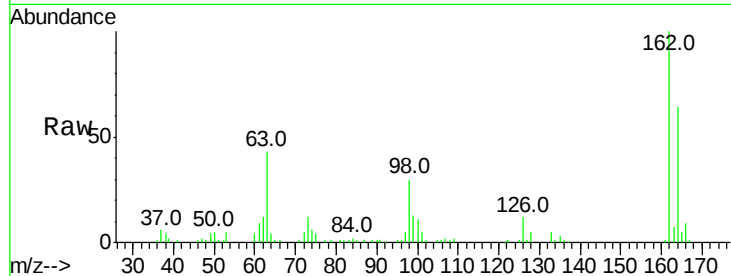
#29
 2,4-Dichlorophenol
 Concen: 43.781 ng
 RT: 11.23 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Instrument :
 BNA_G
 ClientSampleId :
 PB106274BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	79093		
164	63.9	48.0	88.0	
98	29.9	21.1	61.1	

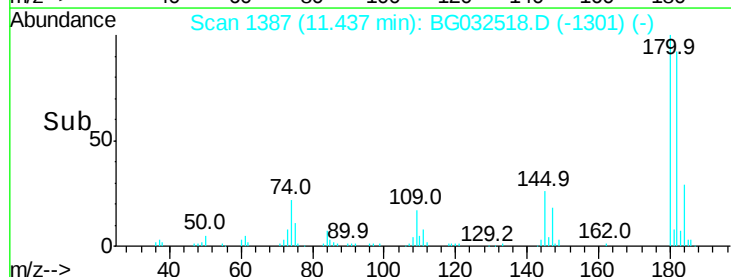
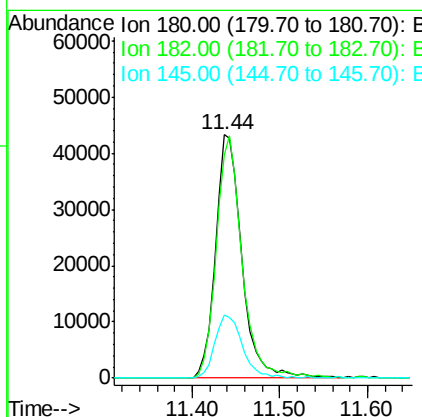
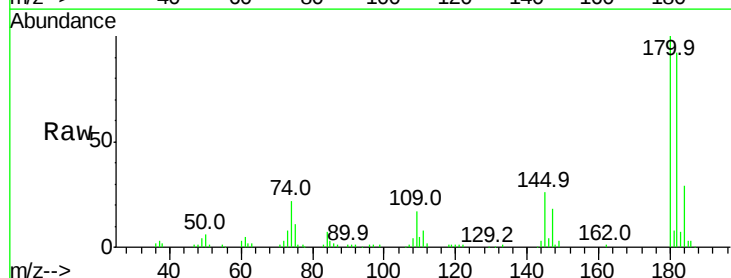
Manual Integrations
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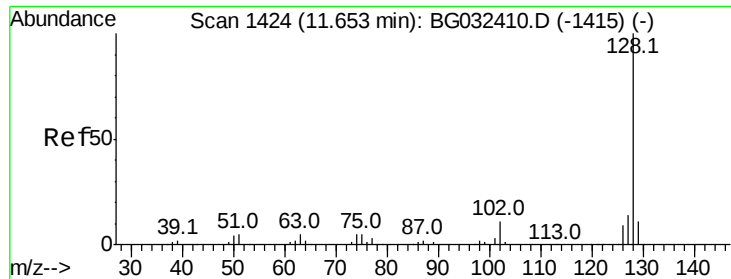
Sohil
 2/5/2018 11:15:11 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.403 ng
 RT: 11.44 min Scan# 1387
 Delta R.T. -0.02 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	90058		
182	91.7	77.5	116.3	
145	25.7	23.4	35.2	





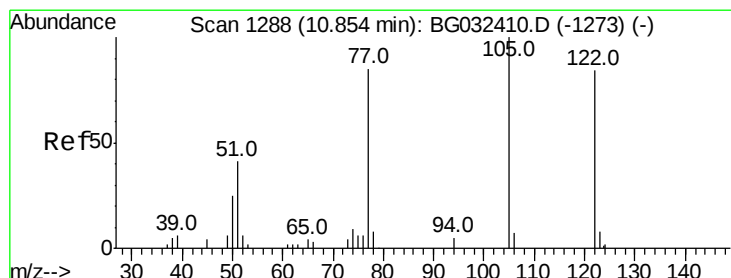
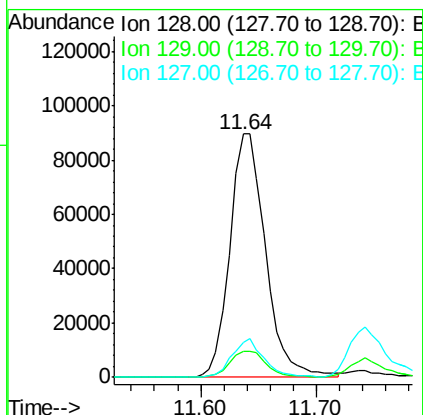
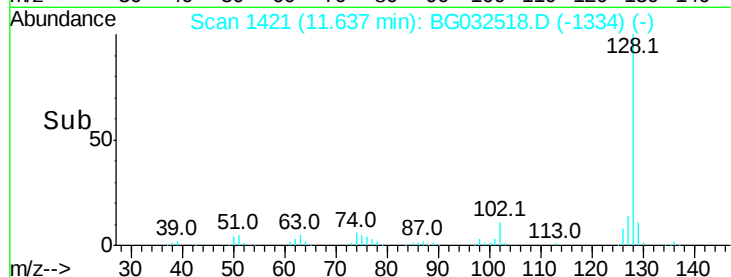
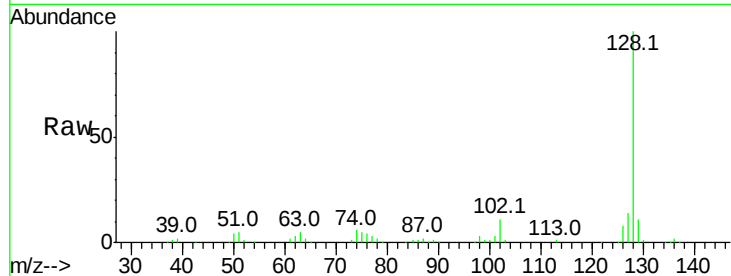
#31
Naphthalene
Concen: 38.686 ng
RT: 11.64 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :
PB106274BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	191826		
129	10.7	8.6	12.8	
127	14.4	11.6	17.4	

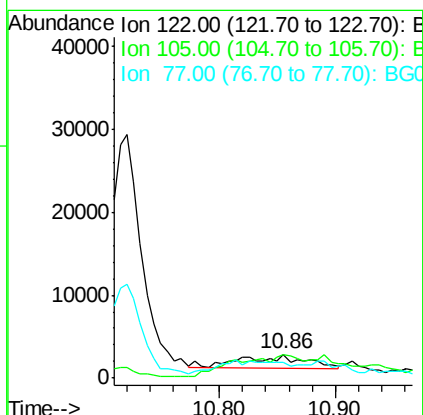
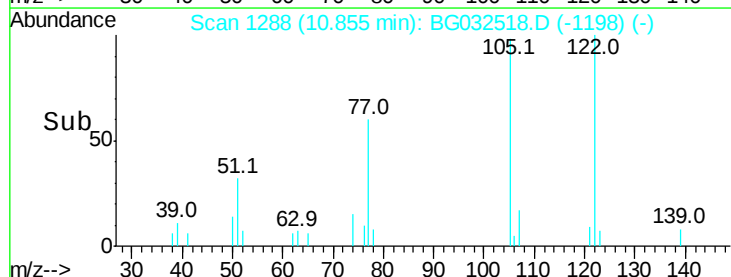
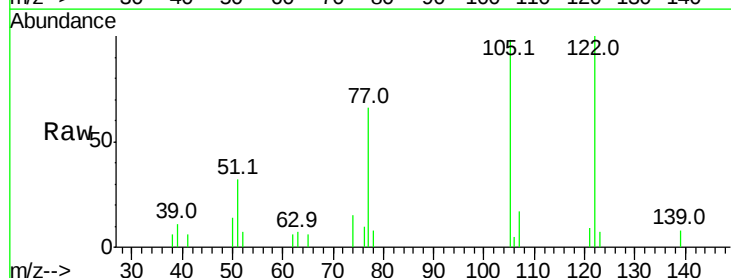
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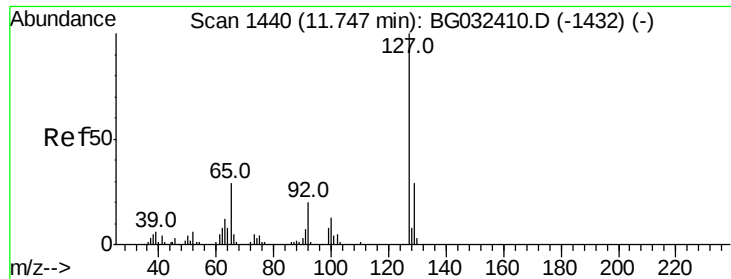
Sohil
2/5/2018 11:15:11 AM



#32
Benzoic acid
Concen: 12.758 ng m
RT: 10.86 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	6566		
105	97.9	123.5	163.5#	
77	65.6	85.7	125.7#	





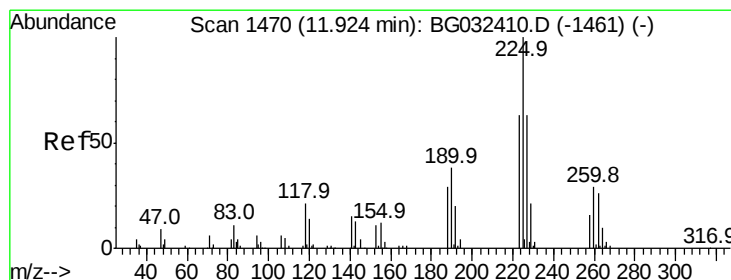
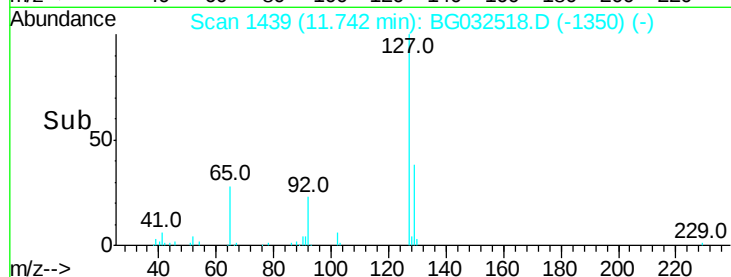
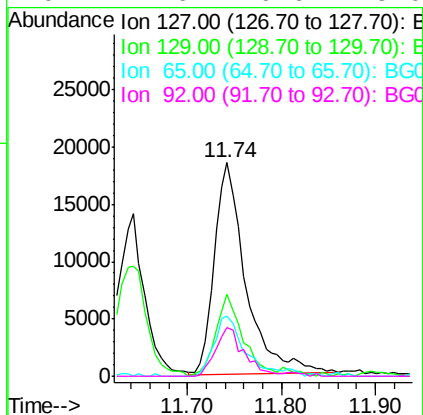
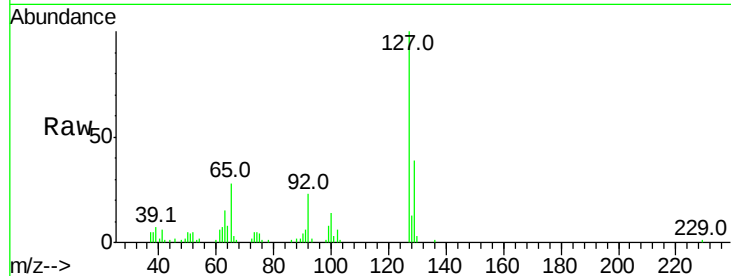
#33
4-Chloroaniline
Concen: 19.550 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :
PB106274BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	38.6	24.0	36.0#
65	28.4	27.0	40.4
92	22.6	16.6	25.0

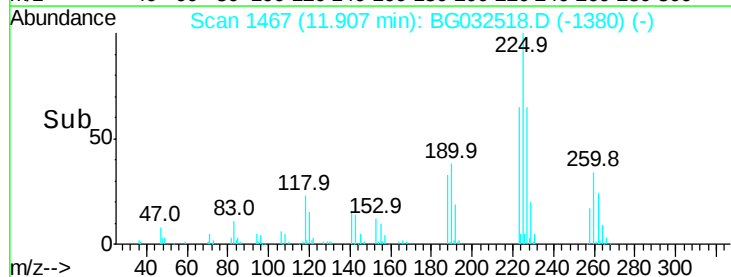
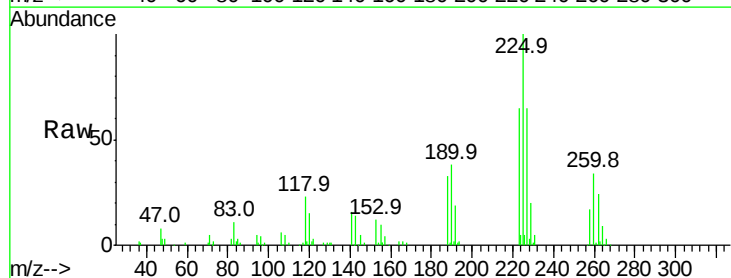
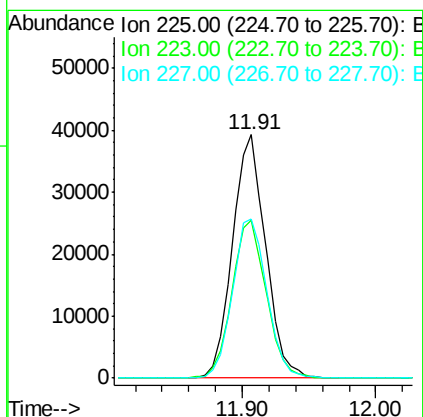
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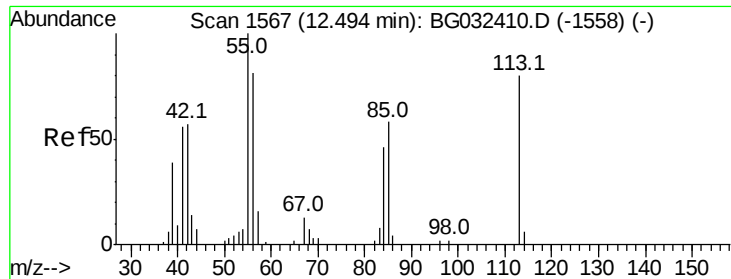
Sohil
2/5/2018 11:15:11 AM



#34
Hexachlorobutadiene
Concen: 36.134 ng
RT: 11.91 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.7	74.5
227	65.2	48.1	72.1





#35

Caprolactam

Concen: 42.213 ng

RT: 12.49 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

PB106274BS

Tot Ion:113 Resp: 21892

Ion Ratio Lower Upper

113 100

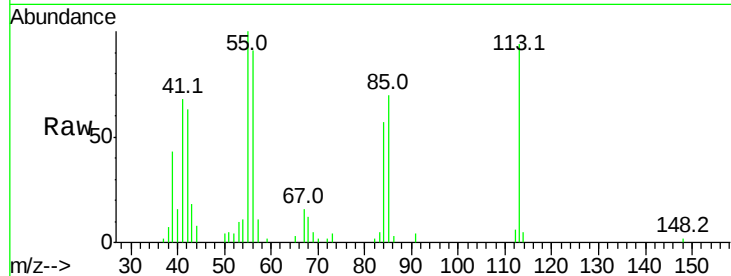
55 106.0 186.9 226.9#

56 96.0 130.9 170.9#

Manual Integrations
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Sohil

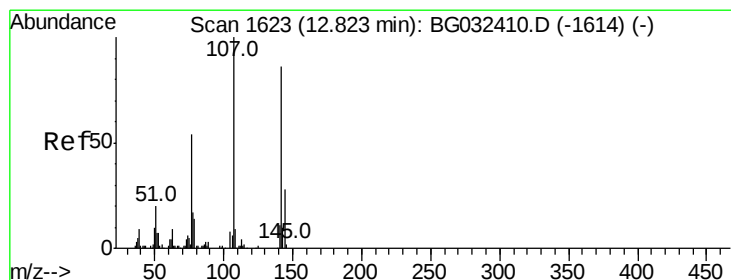
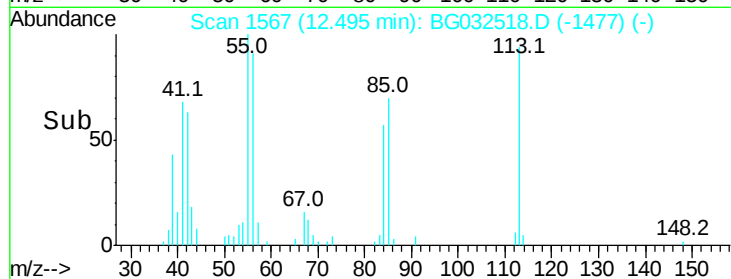
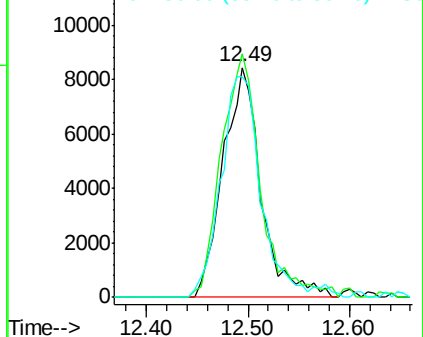
2/5/2018 11:15:11 AM



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: 43.139 ng

RT: 12.82 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

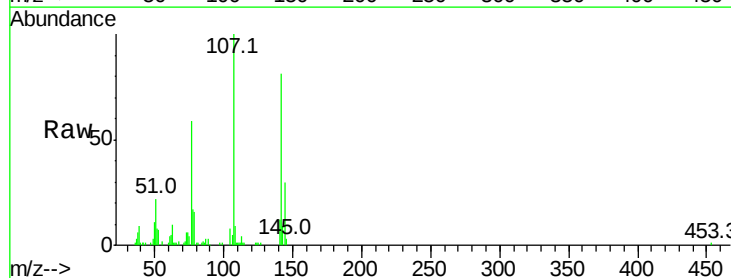
Tgt Ion:107 Resp: 73923

Ion Ratio Lower Upper

107 100

144 29.9 18.2 27.4#

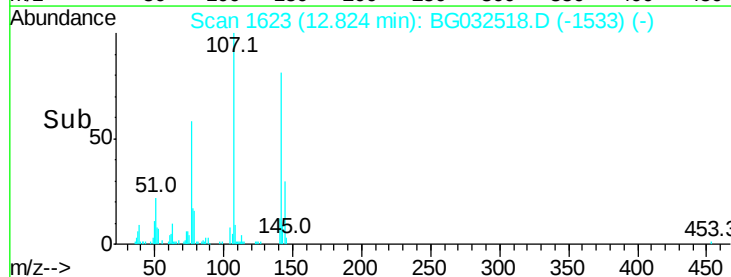
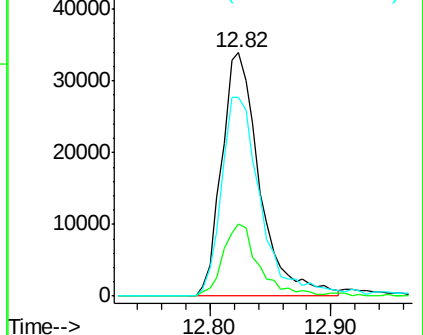
142 81.4 59.0 88.4

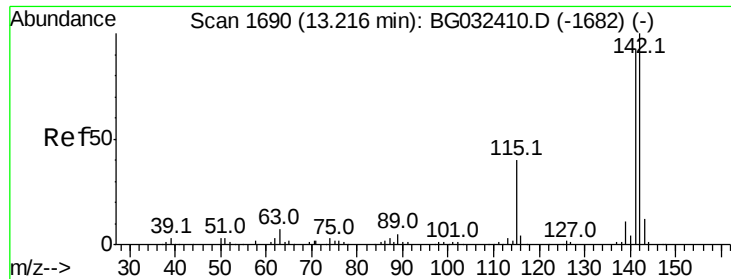


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





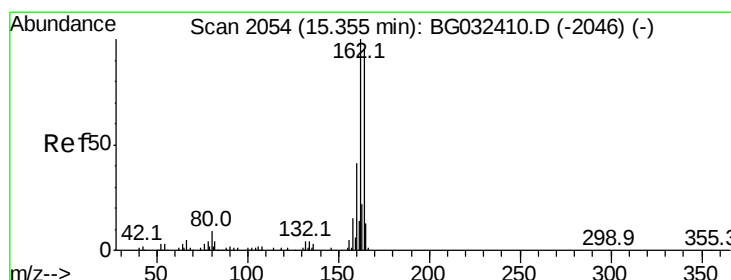
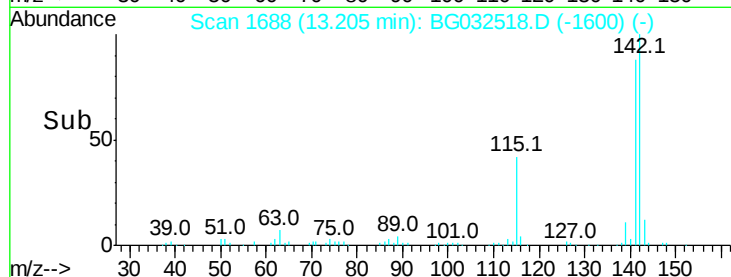
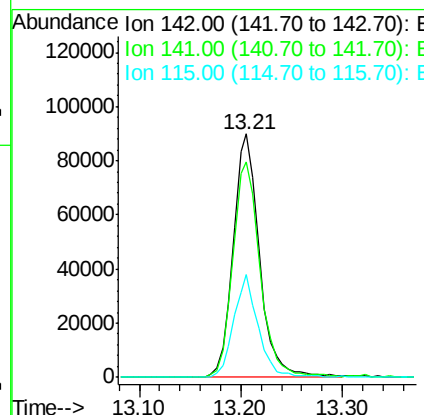
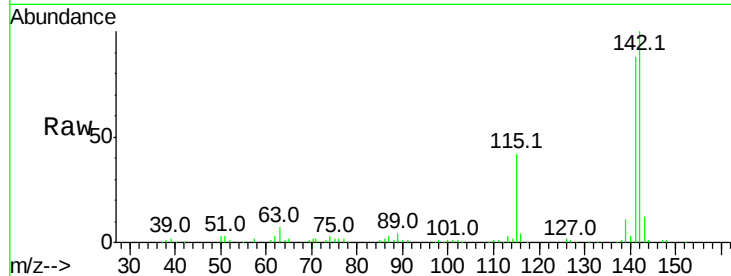
#37
2-Methylnaphthalene
Concen: 38.689 ng
RT: 13.21 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :
PB106274BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	67.1	100.7
115	42.4	30.7	46.1

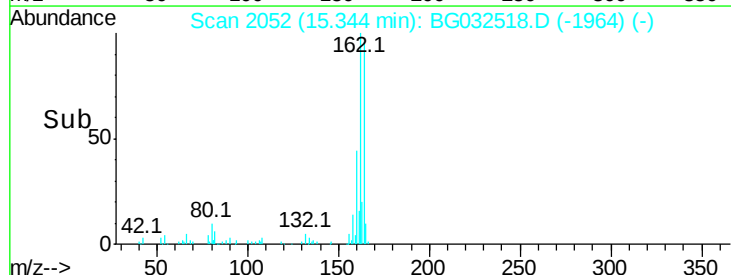
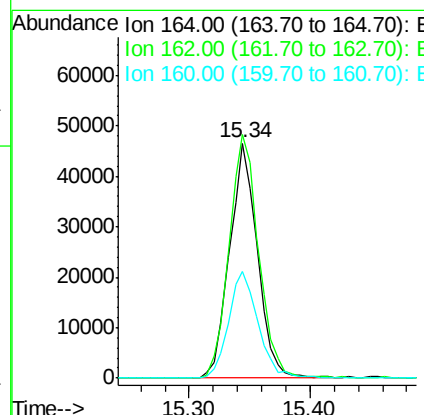
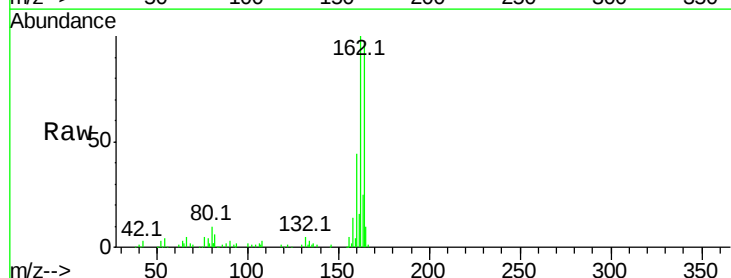
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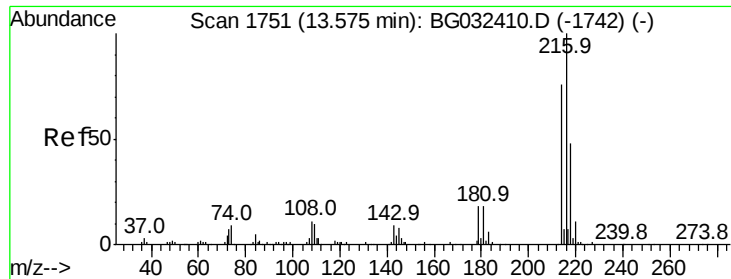
Sohil
2/5/2018 11:15:11 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	78.8	118.2
160	45.6	35.4	53.0





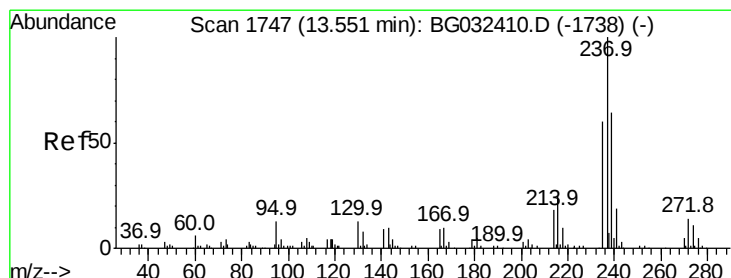
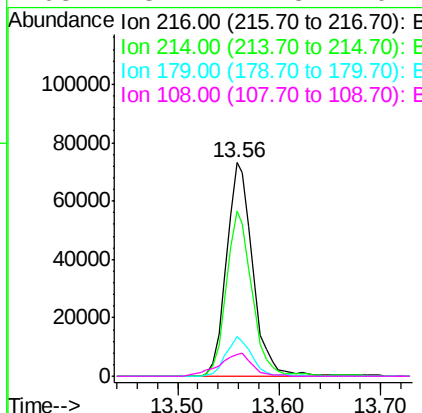
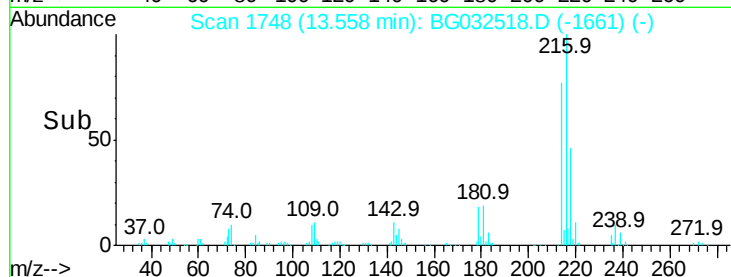
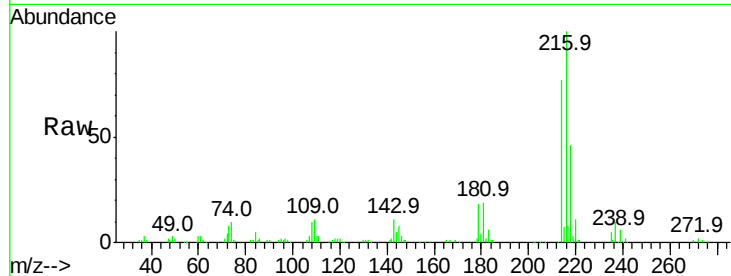
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.627 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.02 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Instrument :
 BNA_G
 ClientSampleId :
 PB106274BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	75.2	63.0	94.4	
179	17.8	17.0	25.6	
108	13.4	12.8	19.2	

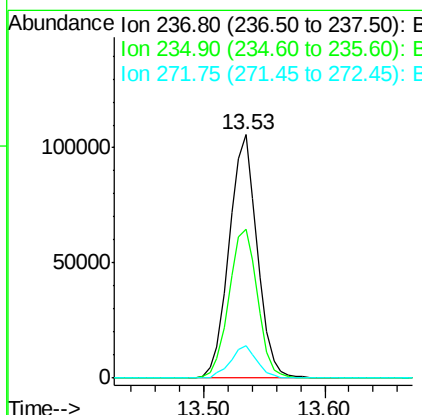
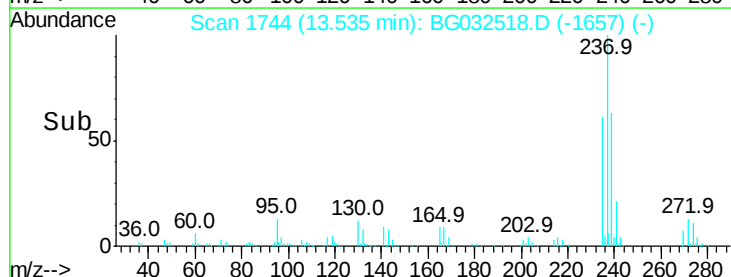
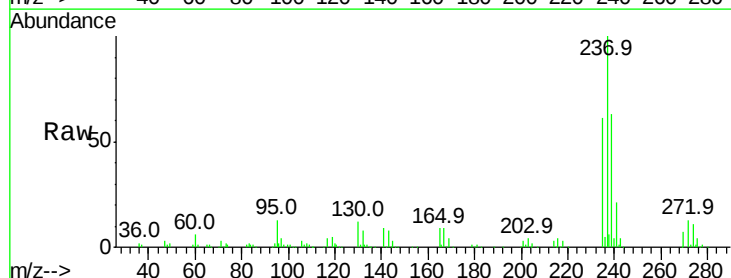
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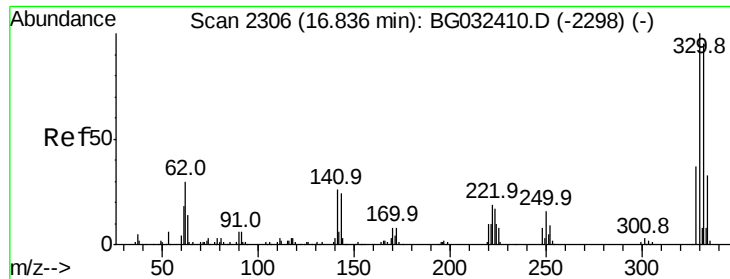
Sohil
 2/5/2018 11:15:11 AM



#40
 Hexachlorocyclopentadiene
 Concen: 78.402 ng
 RT: 13.53 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.3	50.4	90.4	
272	13.3	0.0	31.8	





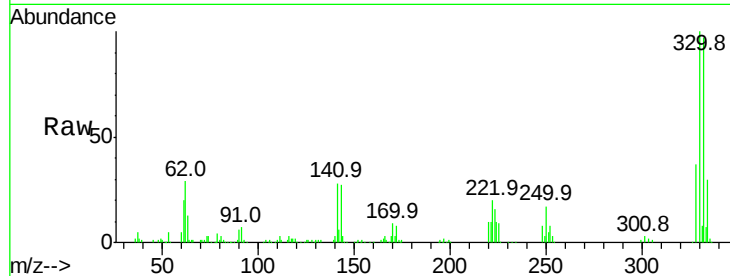
#41
 2,4,6-Tribromophenol
 Concen: 128.808 ng
 RT: 16.82 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Instrument :
 BNA_G
 ClientSampleId :
 PB106274BS

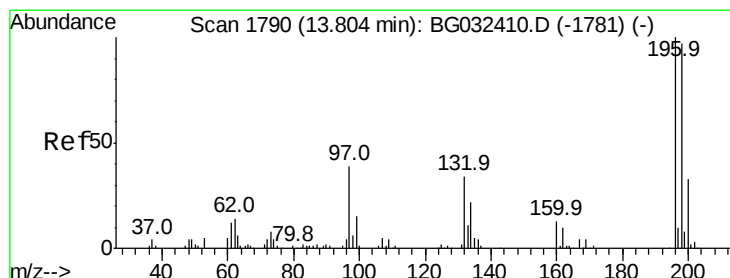
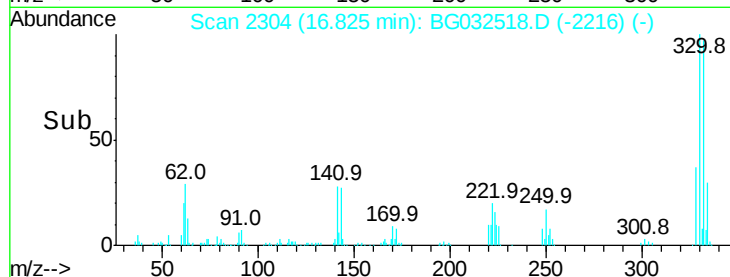
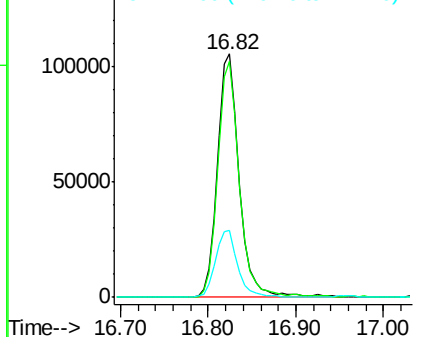
Tot Ion	Ratio	Resp	Lower	Upper
330	100	182630		
332	94.6	77.0	115.6	
141	28.1	25.2	37.8	

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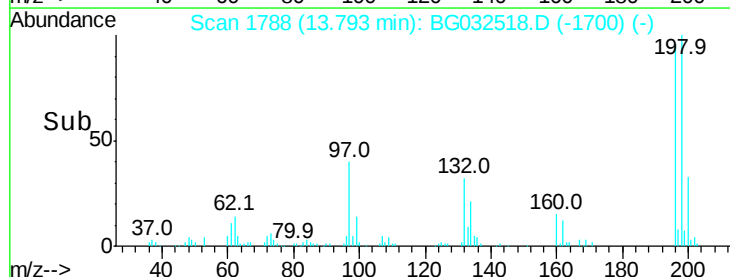
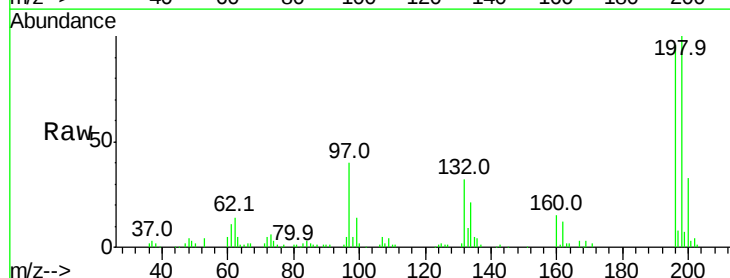
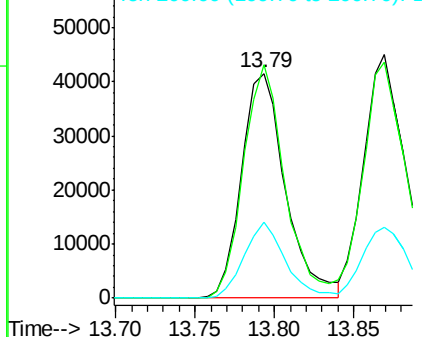
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

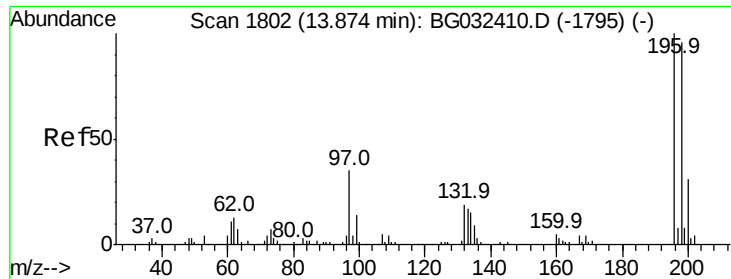


#42
 2,4,6-Trichlorophenol
 Concen: 42.272 ng
 RT: 13.79 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	80125		
198	103.8	78.2	117.2	
200	34.0	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





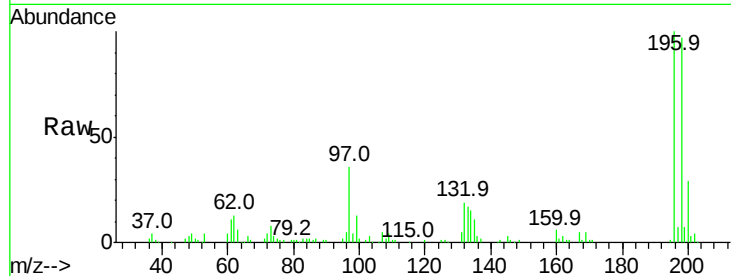
#43
2,4,5-Trichlorophenol
Concen: 40.748 ng
RT: 13.87 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :
PB106274BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	90037		
198	97.0	76.2	114.4	
97	36.2	38.7	58.1	#
132	19.5	20.2	30.2	#

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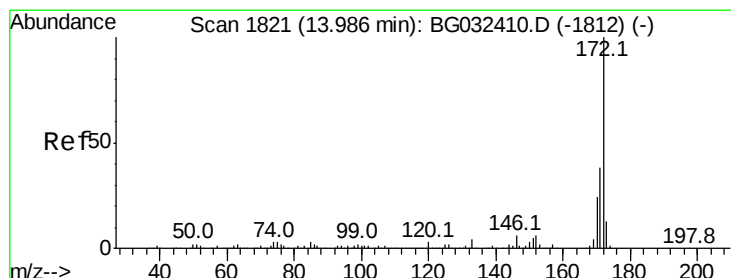
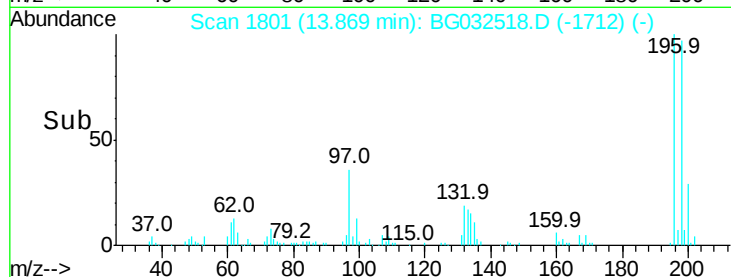
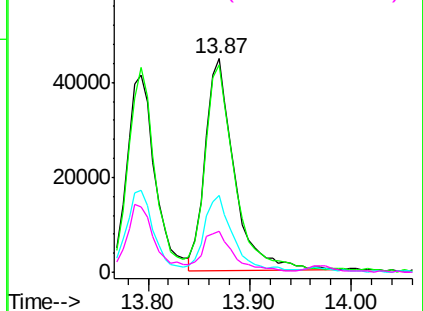
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 75.777 ng
RT: 13.97 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

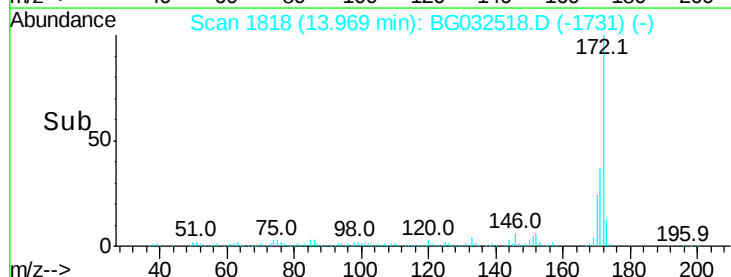
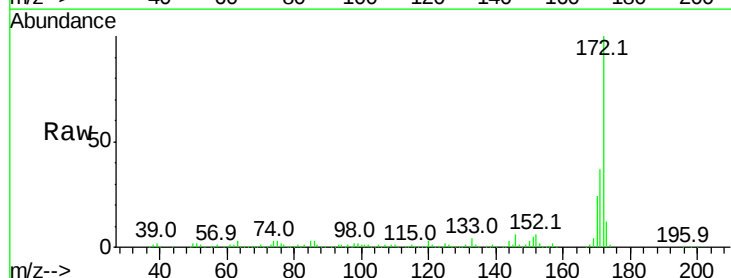
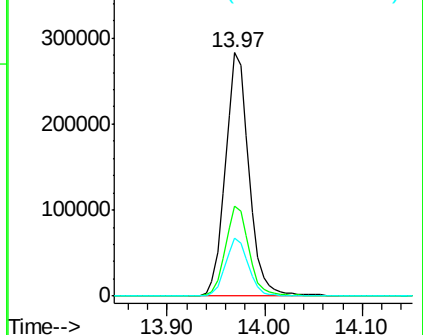
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	474888		
171	37.2	30.0	45.0	
170	23.7	19.5	29.3	

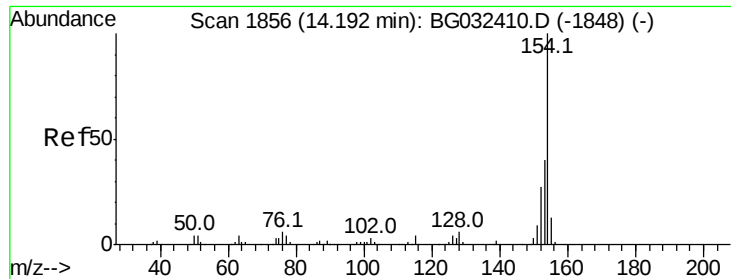
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





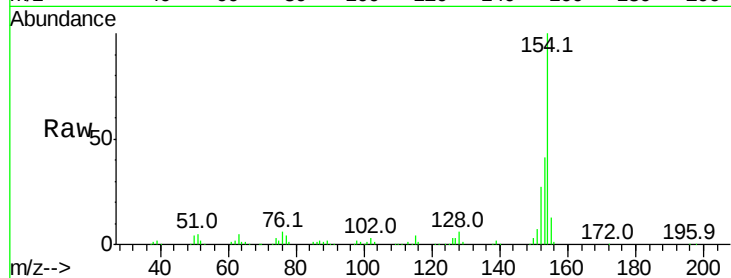
#45
 1,1'-Biphenyl
 Concen: 37.665 ng
 RT: 14.18 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Instrument :
 BNA_G
 ClientSampleId :
 PB106274BS

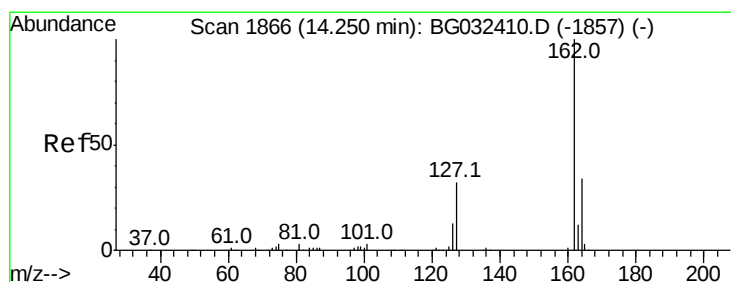
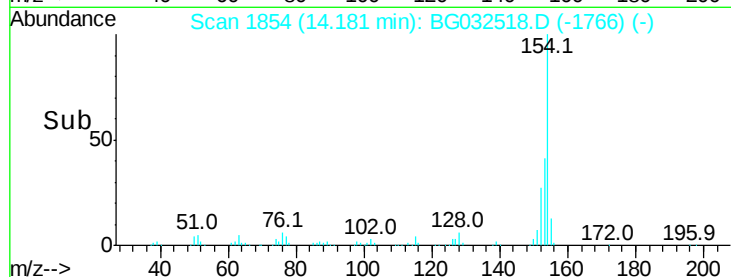
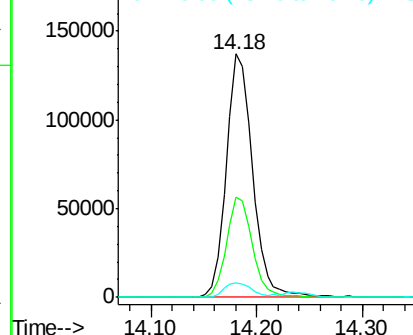
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	19.8	59.8
76	5.9	0.0	31.9

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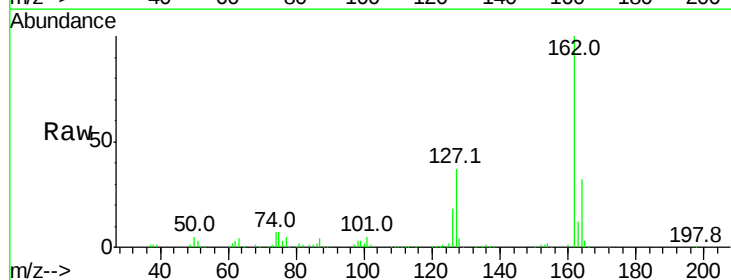


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

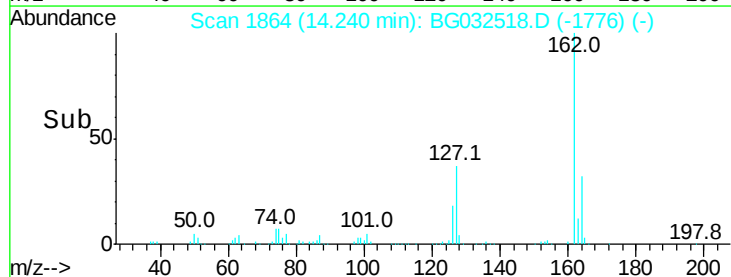
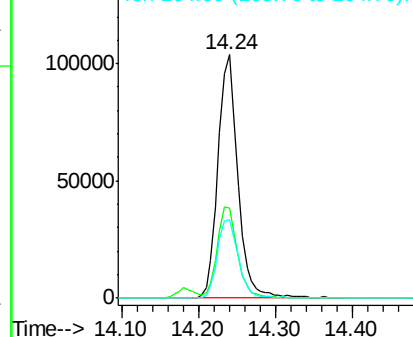


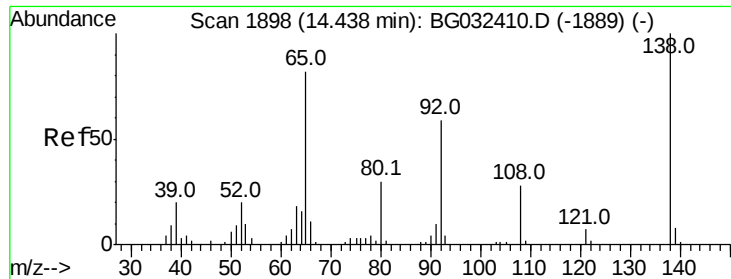
#46
 2-Chloronaphthalene
 Concen: 37.480 ng
 RT: 14.24 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.7	46.1
164	32.0	26.0	39.0



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





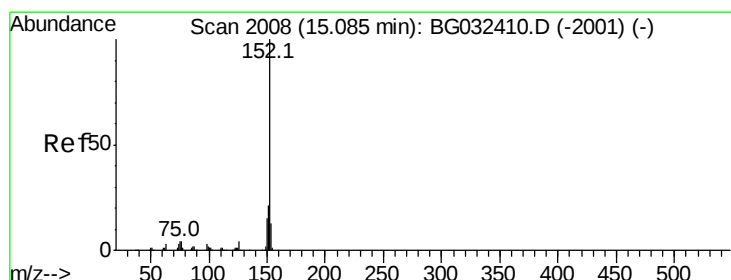
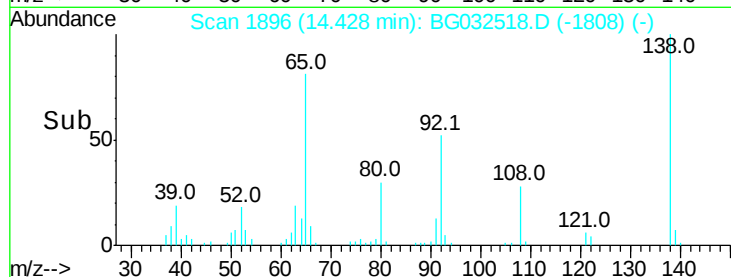
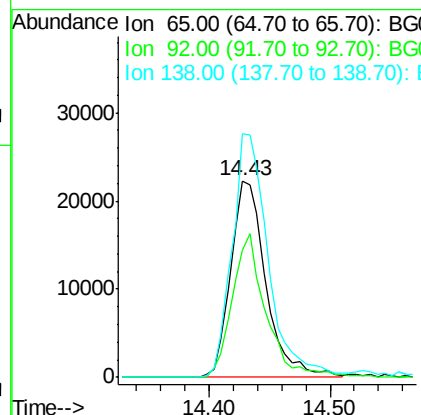
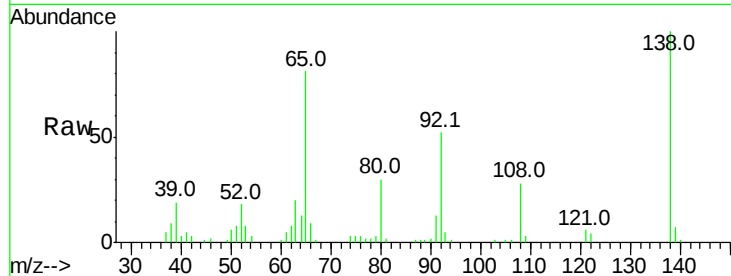
#47
2-Nitroaniline
Concen: 41.418 ng
RT: 14.43 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :
PB106274BS

Tot Ion: 65 Resp: 45176
Ion Ratio Lower Upper
65 100
92 65.0 54.6 82.0
138 124.0 72.9 109.3#

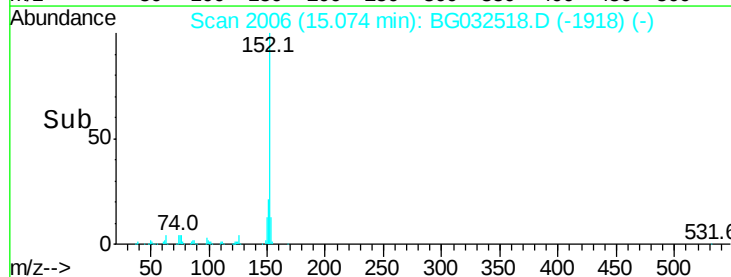
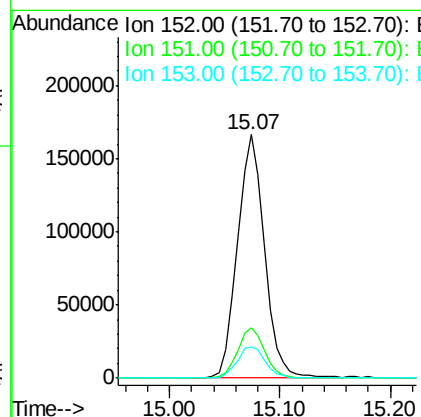
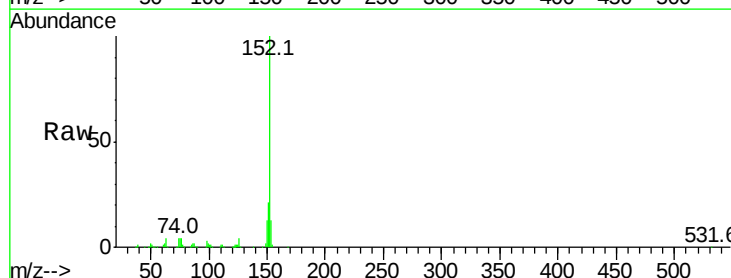
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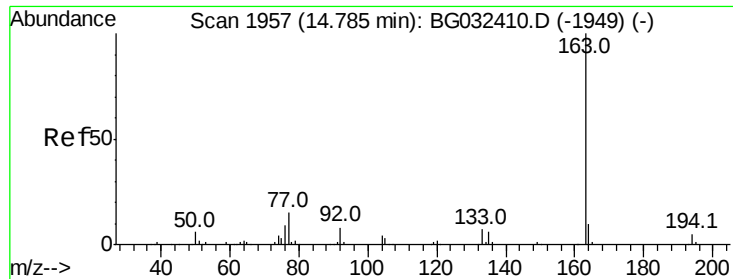
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#48
Acenaphthylene
Concen: 38.195 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion: 152 Resp: 284796
Ion Ratio Lower Upper
152 100
151 20.9 17.2 25.8
153 13.0 10.2 15.4





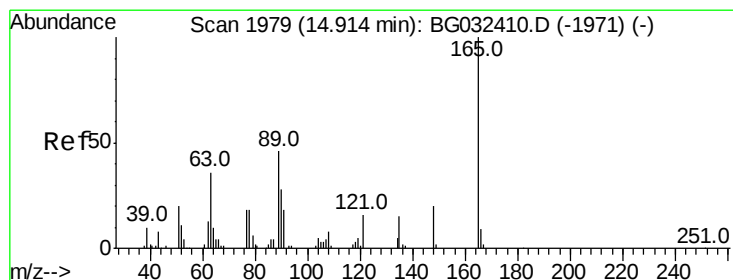
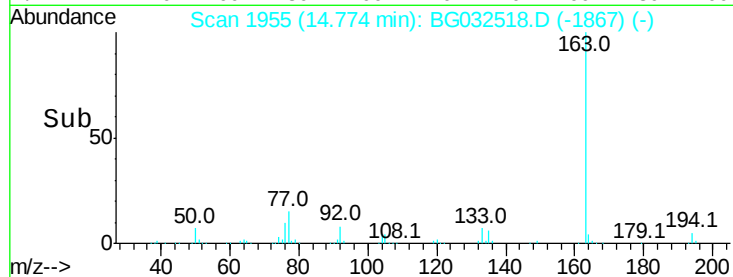
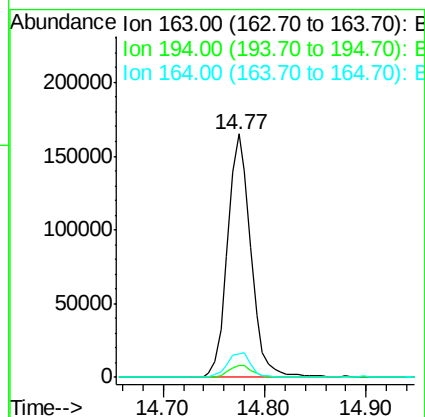
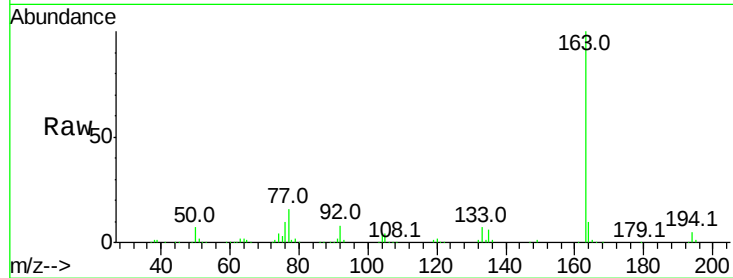
#49
Dimethylphthalate
Concen: 38.418 ng
RT: 14.77 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :
PB106274BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	5.1	3.4	5.2
164	9.6	8.2	12.4

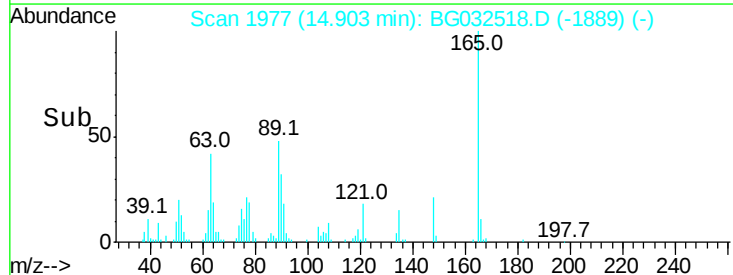
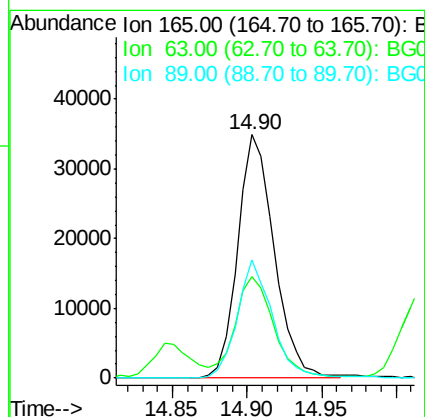
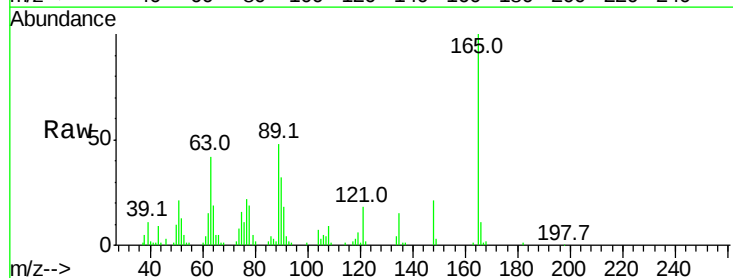
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#50
2,6-Dinitrotoluene
Concen: 41.063 ng
RT: 14.90 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	41.7	52.7	79.1#
89	48.3	49.2	73.8#





#51

Acenaphthene

Concen: 36.018 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

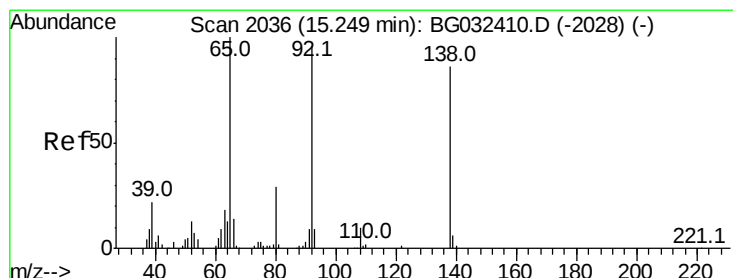
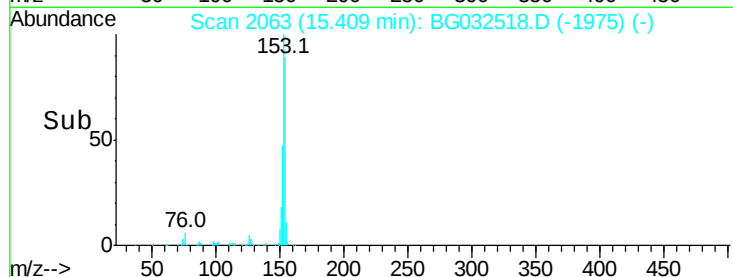
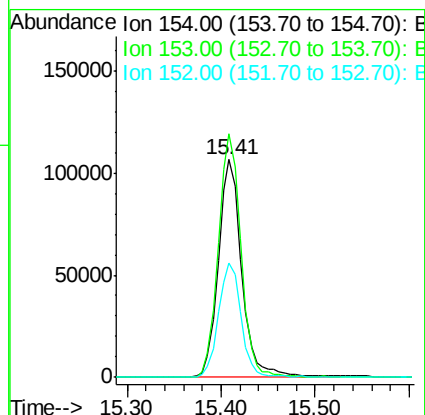
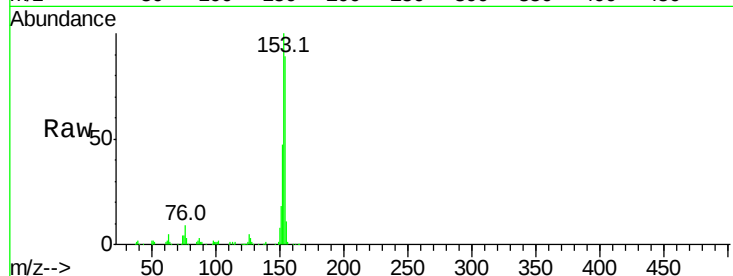
ClientSampleId :

PB106274BS

Tot Ion:	154	Resp:	186258
Ion Ratio	Lower	Upper	
154	100		
153	111.8	90.4	135.6
152	52.7	41.6	62.4

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#52

3-Nitroaniline

Concen: 27.494 ng

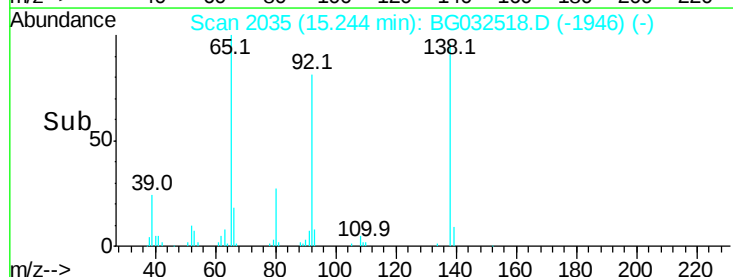
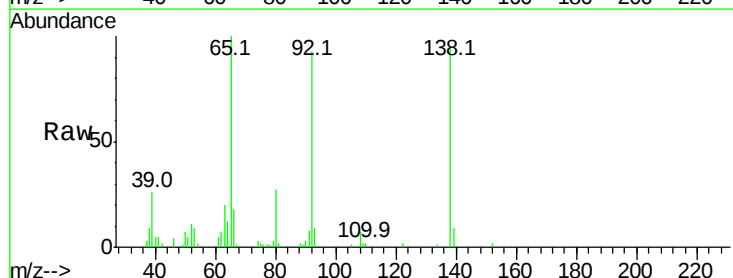
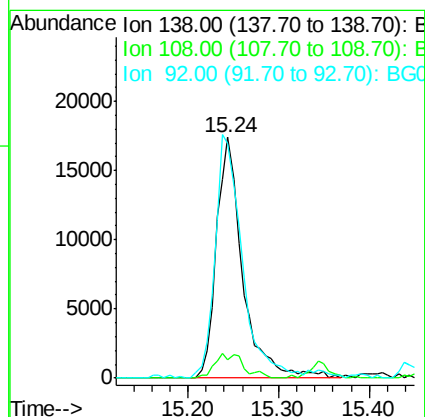
RT: 15.24 min Scan# 2035

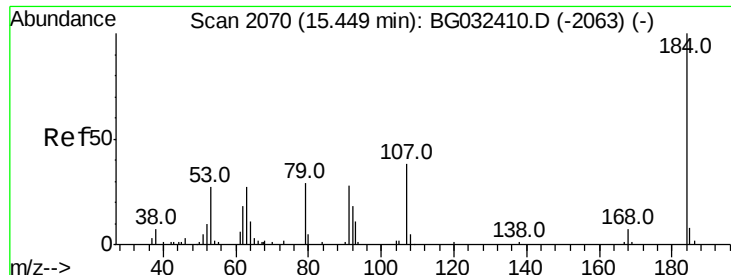
Delta R.T. -0.00 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Tgt Ion:	138	Resp:	34617
Ion Ratio	Lower	Upper	
138	100		
108	7.6	17.5	26.3#
92	97.8	105.8	158.8#





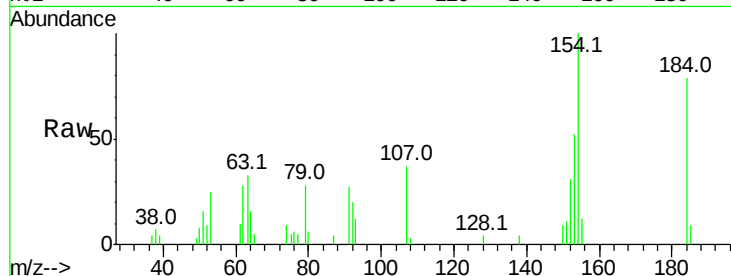
#53
 2,4-Dinitrophenol
 Concen: 13.798 ng
 RT: 15.44 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Instrument :
 BNA_G
 ClientSampleId :
 PB106274BS

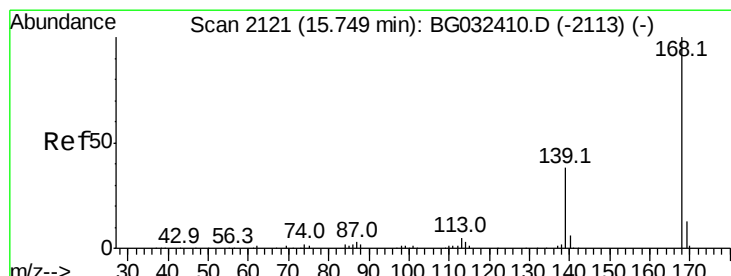
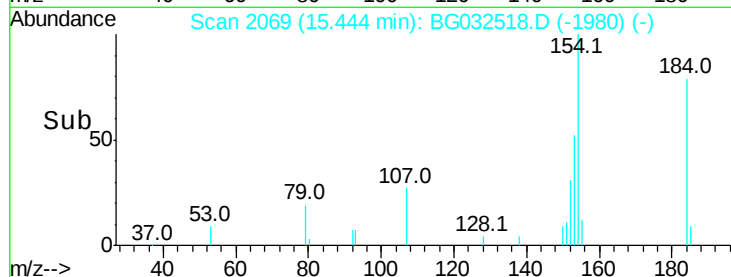
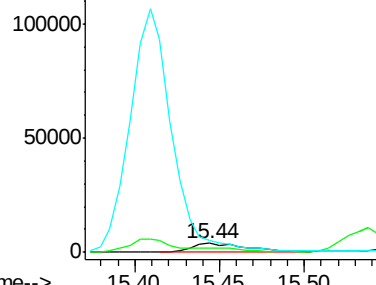
Tot Ion	Ratio	Lower	Upper
184	100		
63	41.3	59.8	89.8#
154	126.9	101.8	152.8

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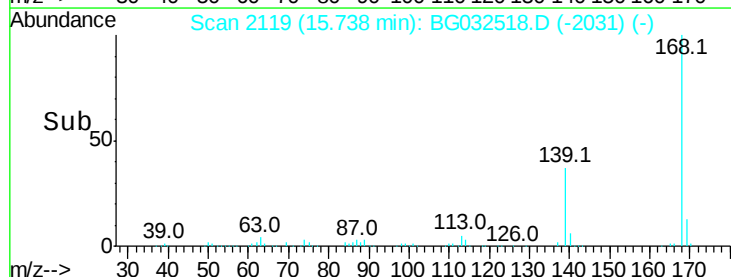
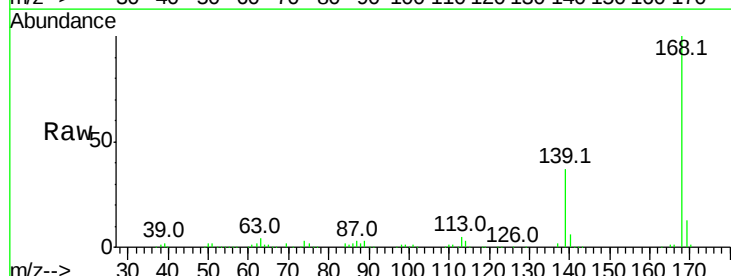
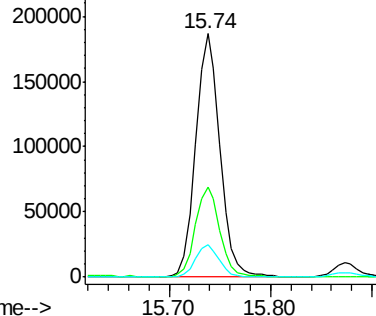
Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E



#54
 Dibenzofuran
 Concen: 40.504 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.0	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





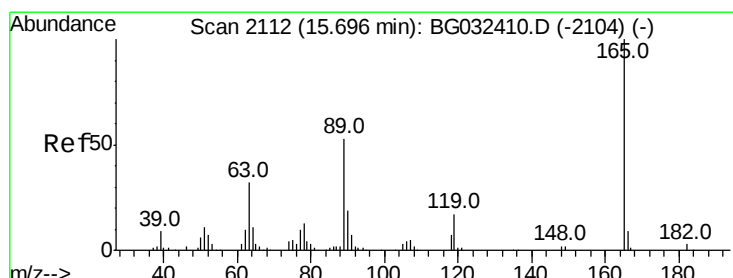
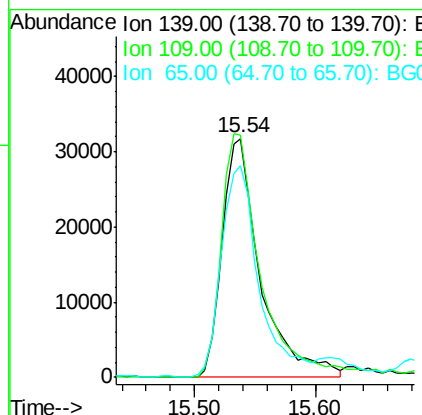
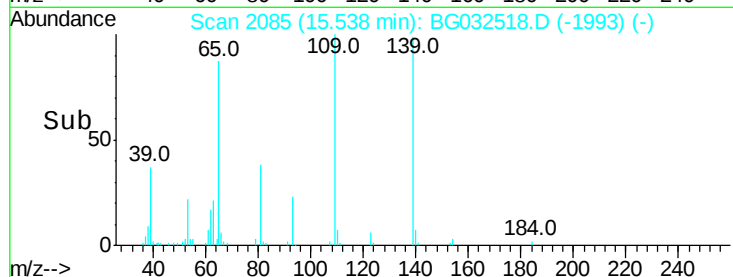
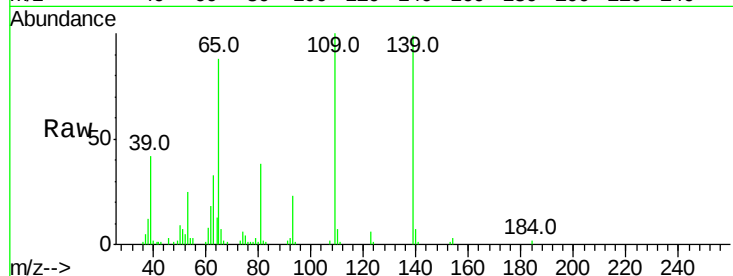
#55
4-Nitrophenol
Concen: 73.841 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :
PB106274BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	101.3	62.2	102.2	
65	88.9	97.2	137.2#	

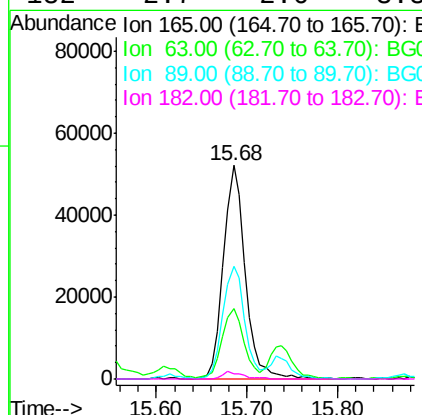
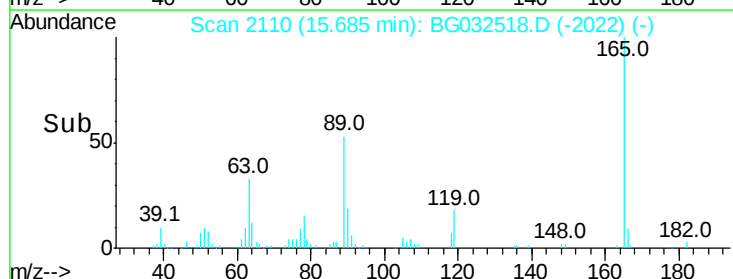
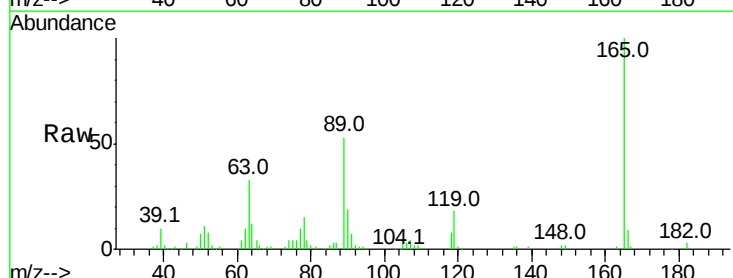
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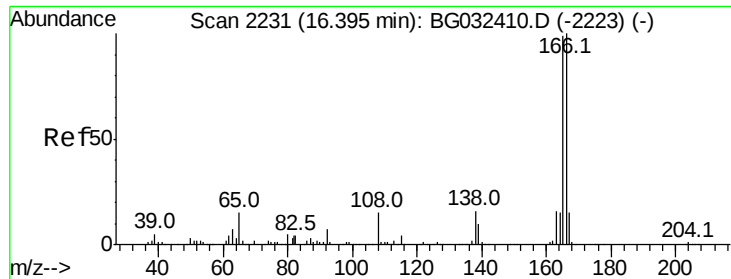
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#56
2,4-Dinitrotoluene
Concen: 42.295 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	32.9	42.0	63.0#	
89	53.0	66.9	100.3#	
182	2.7	2.6	3.8	





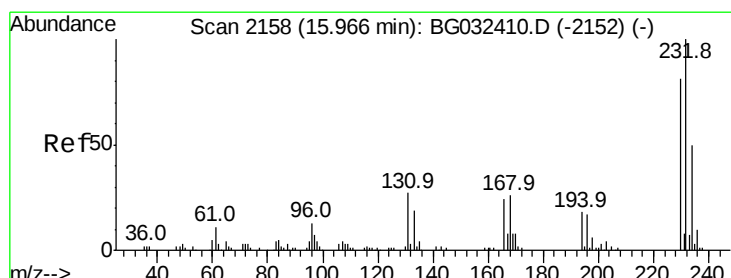
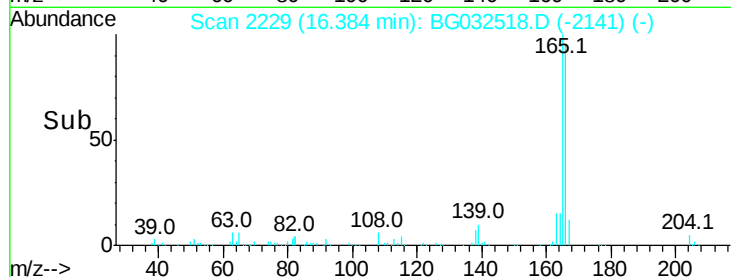
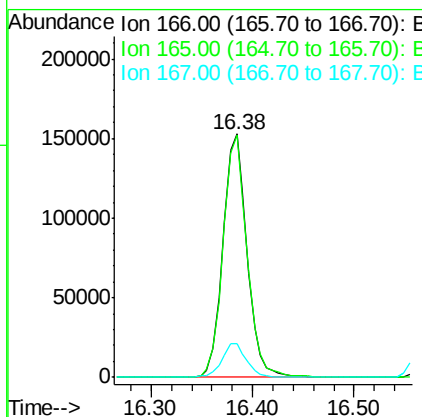
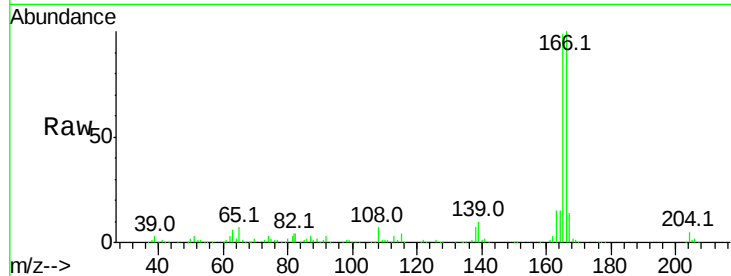
#57
 Fluorene
 Concen: 39.545 ng
 RT: 16.38 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Instrument :
 BNA_G
 ClientSampleId :
 PB106274BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	251516		
165	99.5	80.6	121.0	
167	13.9	10.4	15.6	

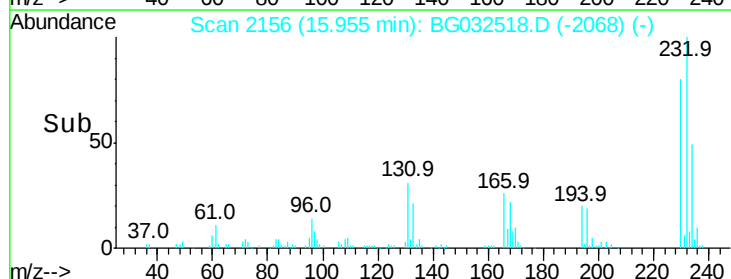
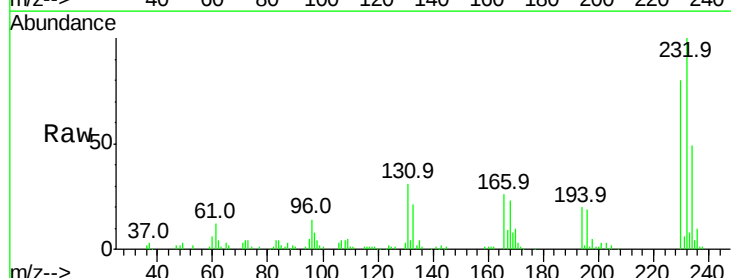
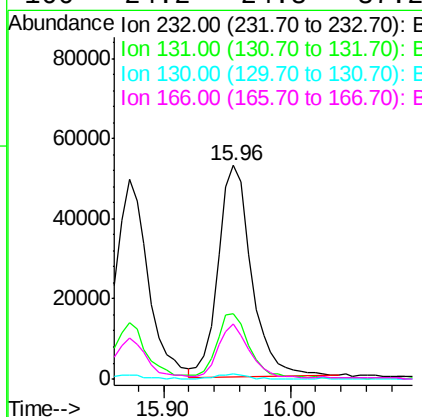
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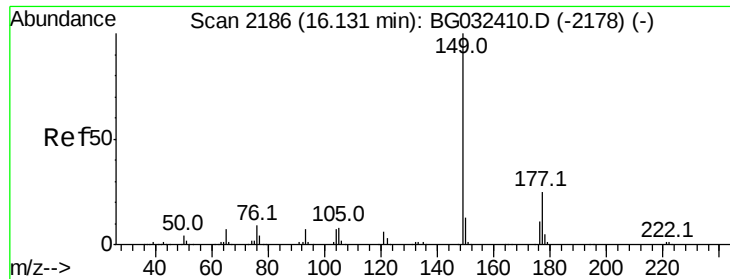
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.529 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	97040		
131	30.3	33.5	50.3#	
130	2.1	2.2	3.2#	
166	24.2	24.8	37.2#	





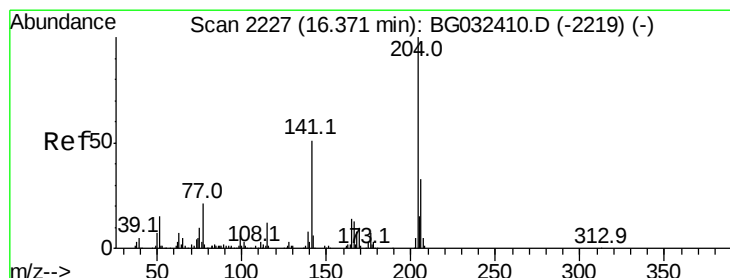
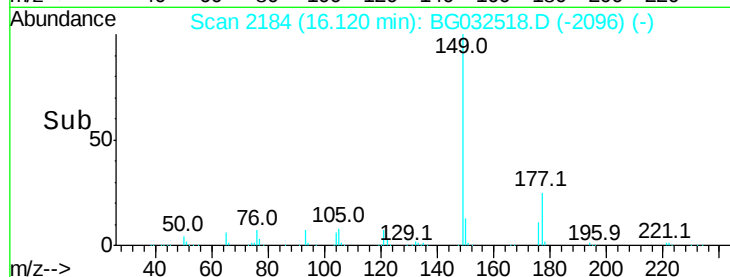
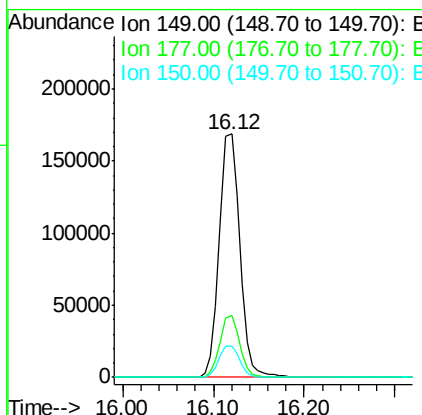
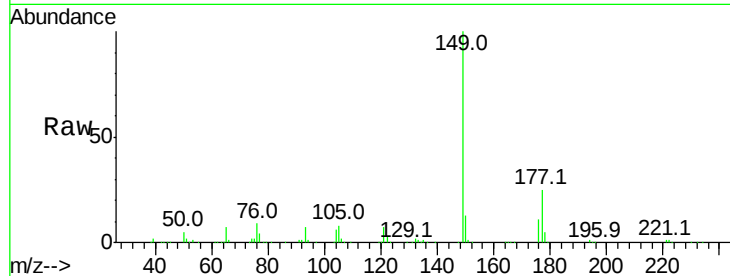
#59
Diethylphthalate
Concen: 39.900 ng
RT: 16.12 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :
PB106274BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	266890		
177	25.4	18.5	27.7	
150	12.7	10.2	15.2	

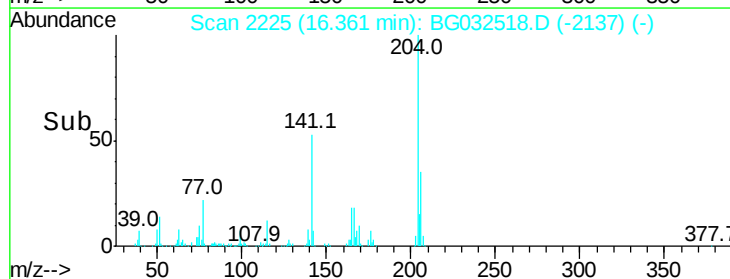
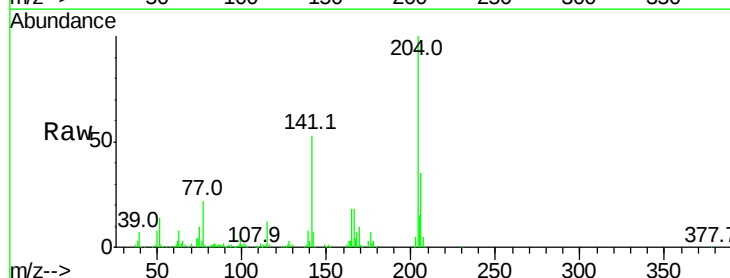
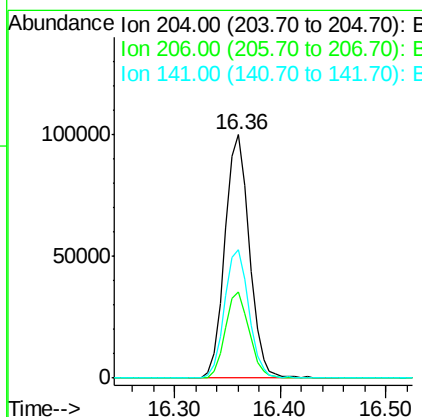
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2/5/2018 11:15:11 AM



#60
4-Chlorophenyl-phenylether
Concen: 40.111 ng
RT: 16.36 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	160873		
206	35.2	26.2	39.2	
141	52.9	45.8	68.6	





#61

4-Nitroaniline

Concen: 39.871 ng

RT: 16.40 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

PB106274BS

Tot Ion:138 Resp: 53807

Ion Ratio Lower Upper

138 100

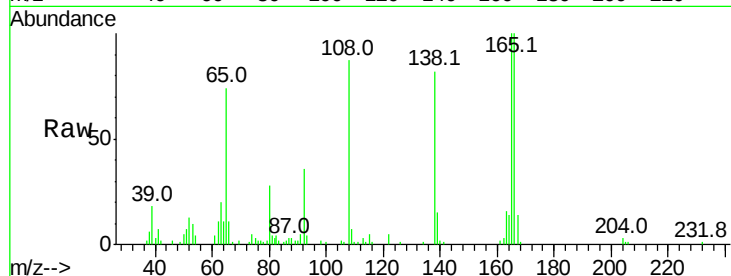
92 43.7 40.1 80.1

108 106.8 65.4 105.4#

Manual Integrations
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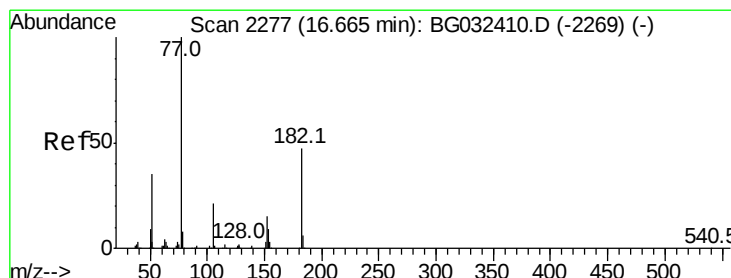
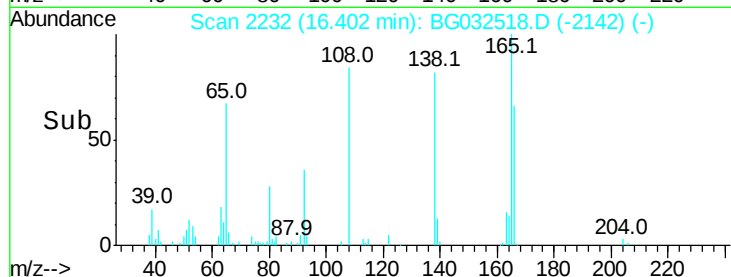
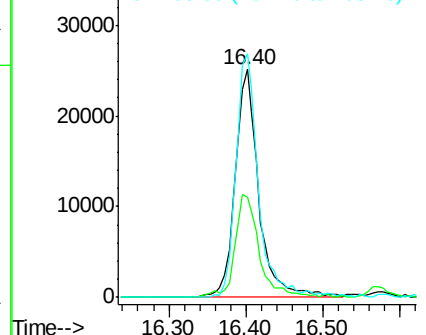
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.911 ng

RT: 16.65 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Tgt Ion: 77 Resp: 163539

Ion Ratio Lower Upper

77 100

182 43.2 7.4 47.4

105 20.8 0.3 40.3

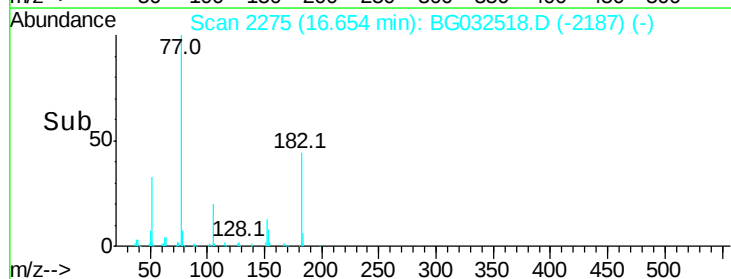
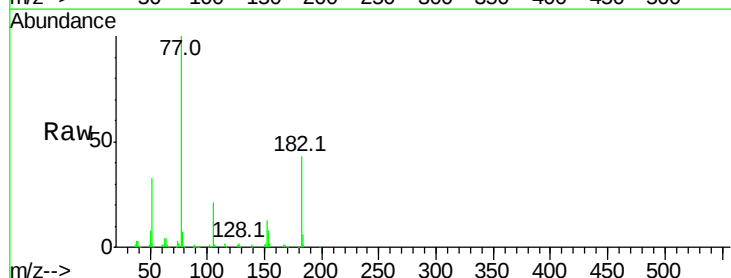
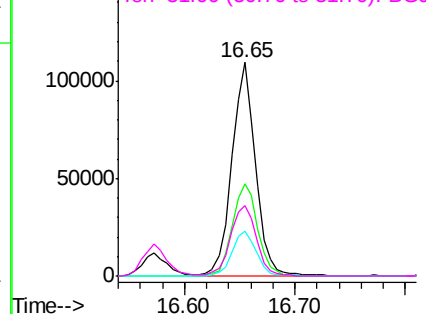
51 33.2 11.6 51.6

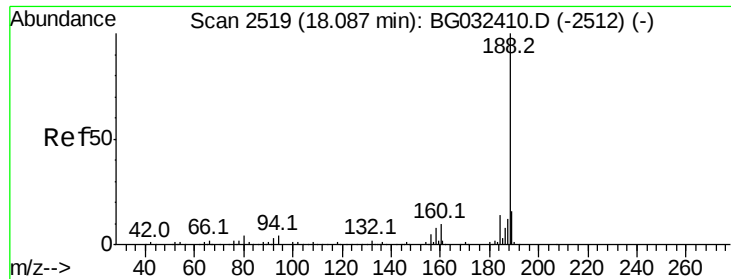
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





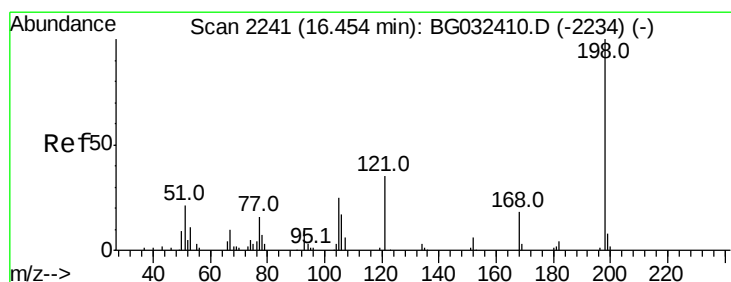
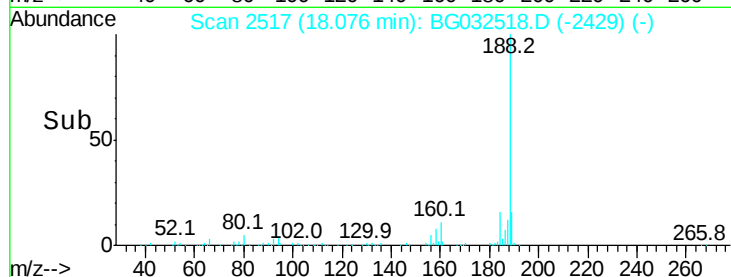
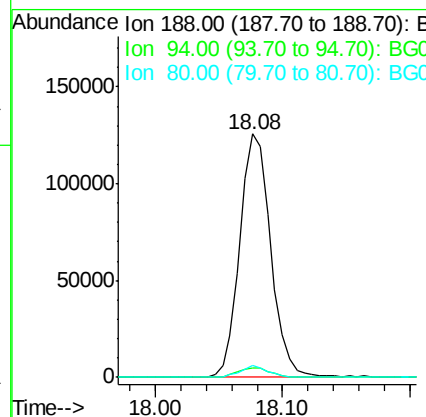
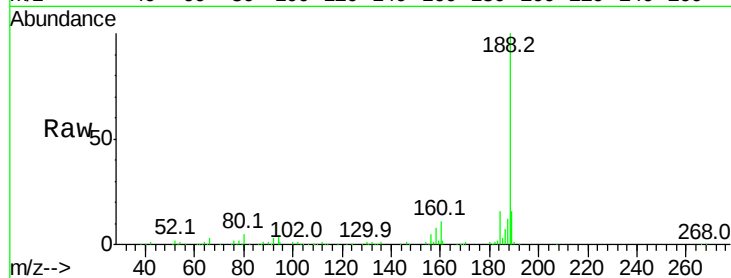
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :
PB106274BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	4.3	6.9	10.3#
80	4.7	7.7	11.5#

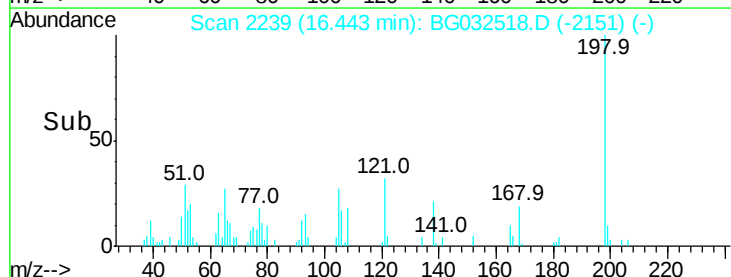
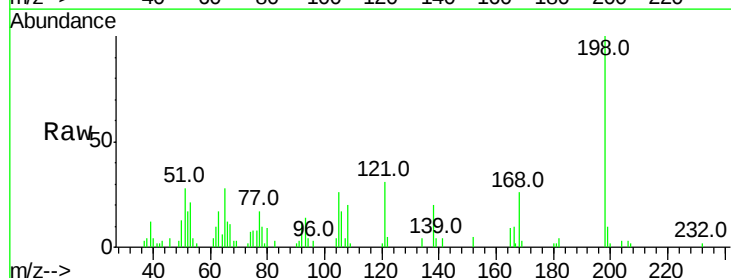
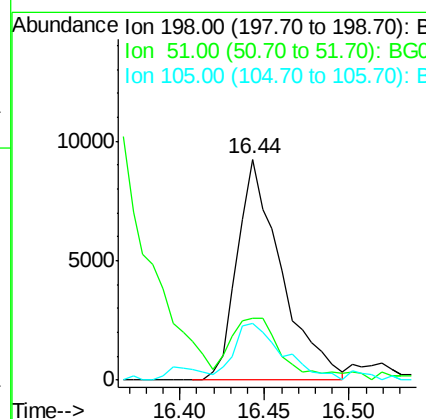
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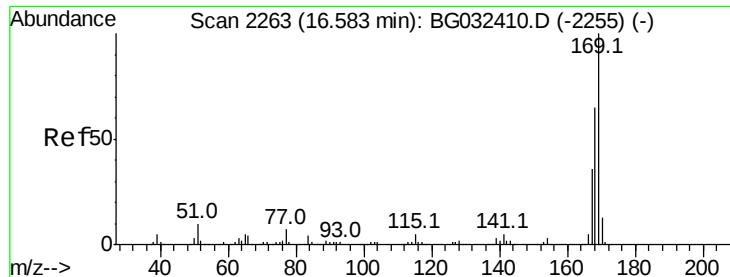
Sohil
2/5/2018 11:15:11 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 10.572 ng
RT: 16.44 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	28.0	30.6	70.6#
105	25.6	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 38.006 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

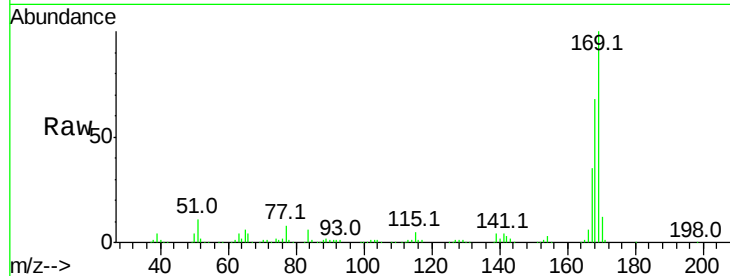
ClientSampleId :

PB106274BS

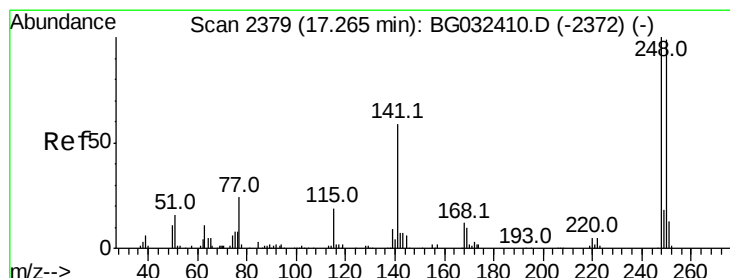
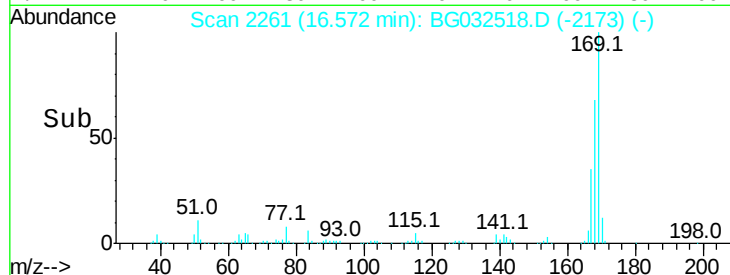
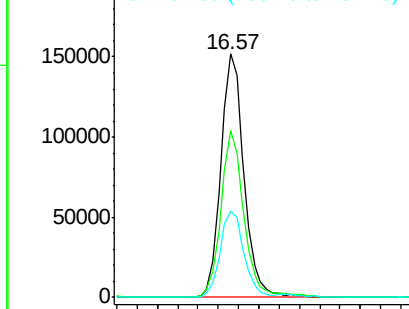
Tot Ion:	169	Resp:	240299
Ion Ratio	Lower	Upper	
169	100		
168	68.4	55.7	83.5
167	35.4	30.1	45.1

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



#66

4-Bromophenyl-phenylether

Concen: 37.476 ng

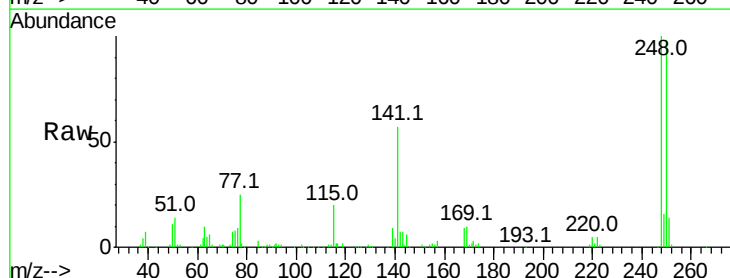
RT: 17.25 min Scan# 2377

Delta R.T. -0.01 min

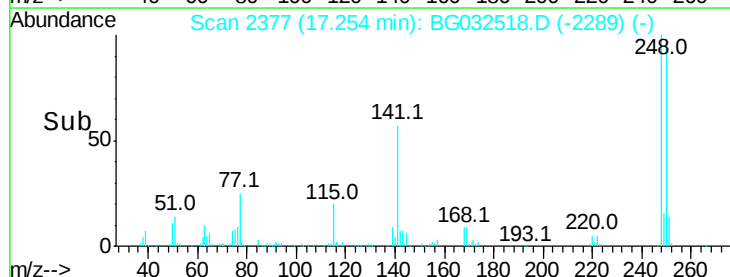
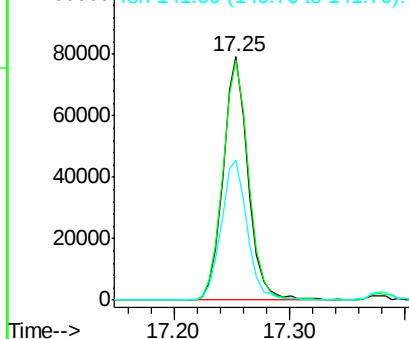
Lab File: BG032518.D

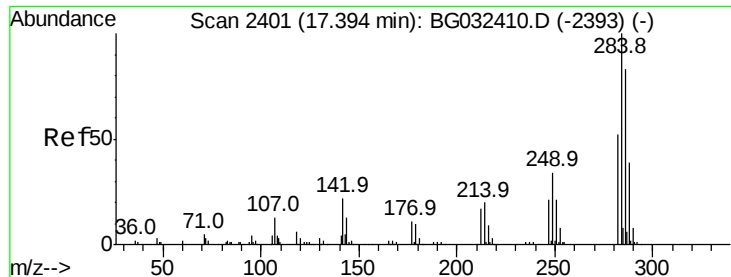
Acq: 2 Feb 2018 18:53

Tgt Ion:	248	Resp:	117625
Ion Ratio	Lower	Upper	
248	100		
250	98.5	77.1	115.7
141	57.2	50.8	76.2



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





#67

Hexachlorobenzene

Concen: 37.028 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

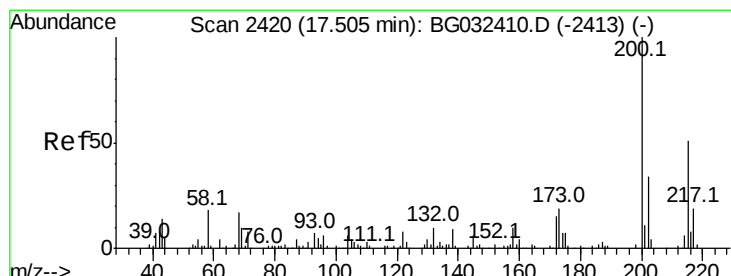
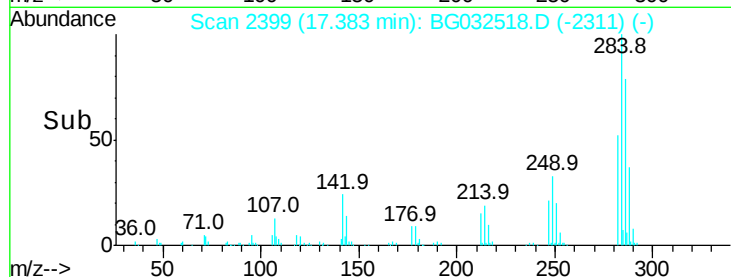
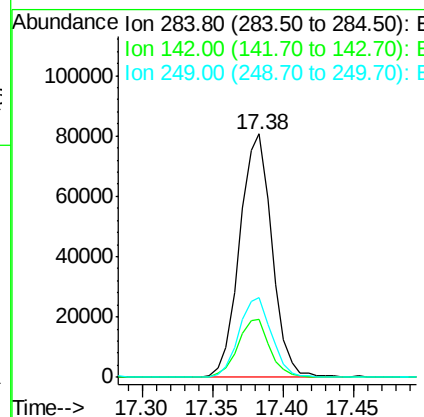
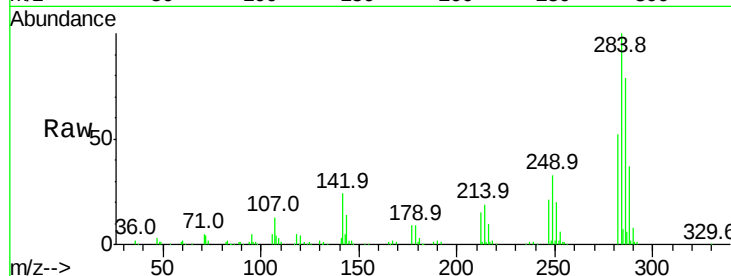
ClientSampleId :

PB106274BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	23.9	26.8	40.2#	
249	32.7	26.3	39.5	

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#68

Atrazine

Concen: 43.341 ng

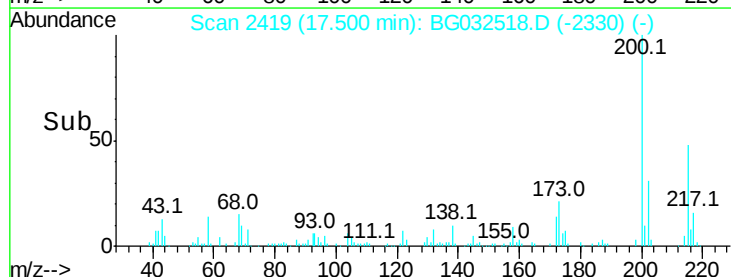
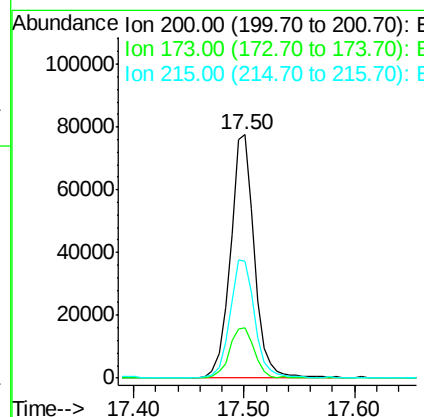
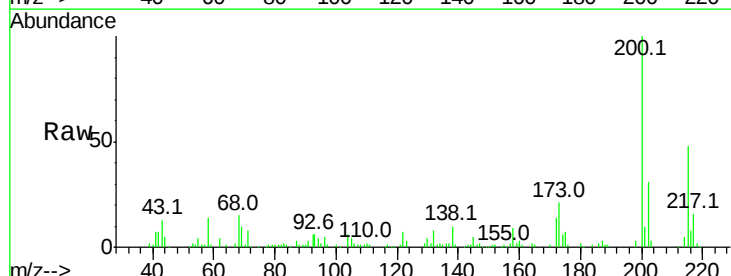
RT: 17.50 min Scan# 2419

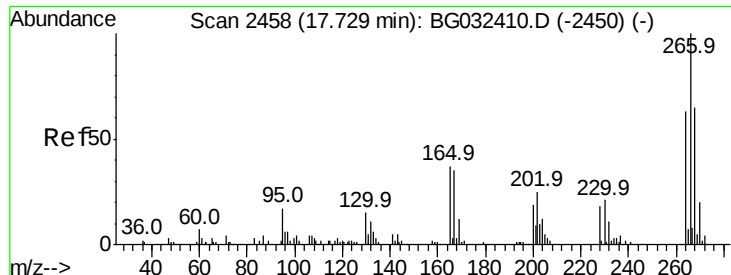
Delta R.T. -0.00 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	20.9	5.2	45.2	
215	48.0	30.4	70.4	





#69

Pentachlorophenol

Concen: 46.863 ng

RT: 17.72 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

ClientSampleId :

PB106274BS

Tot Ion:266 Resp: 101969

Ion Ratio Lower Upper

266 100

268 60.3 51.1 76.7

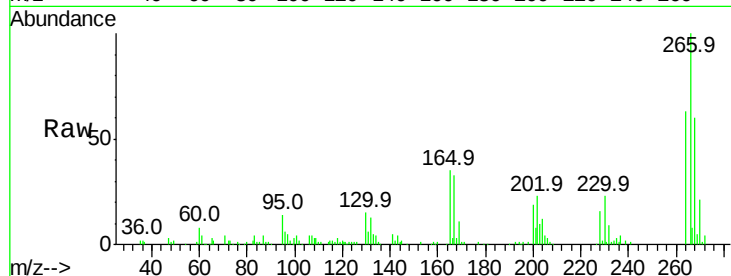
264 63.5 49.6 74.4

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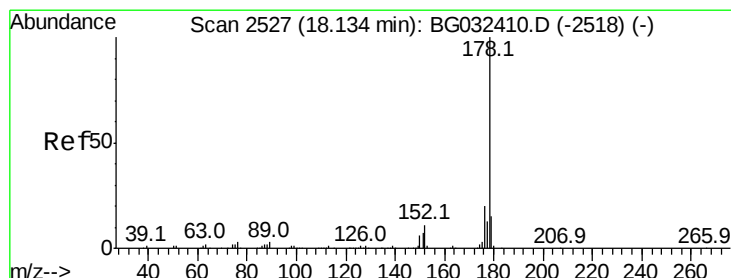
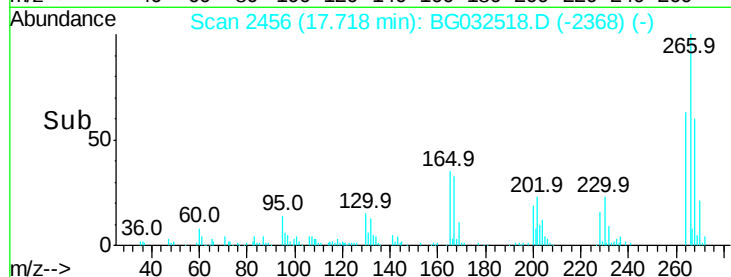
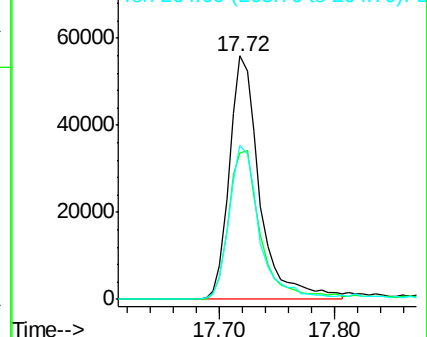
2/5/2018 11:15:11 AM



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 38.582 ng

RT: 18.12 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

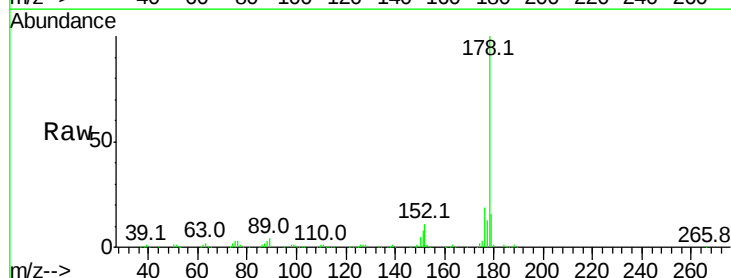
Tgt Ion:178 Resp: 455839

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

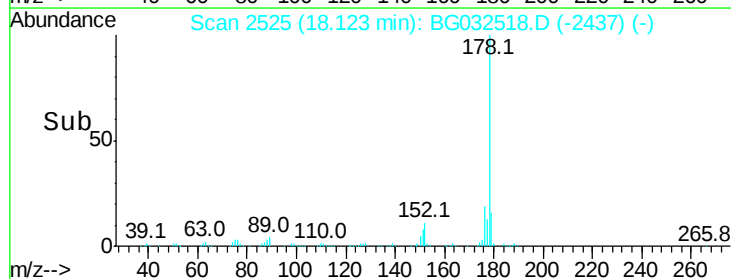
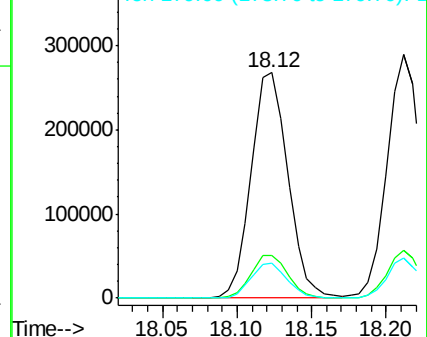
179 15.6 12.5 18.7

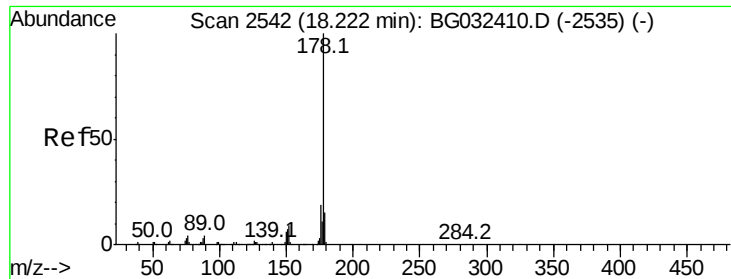


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.749 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

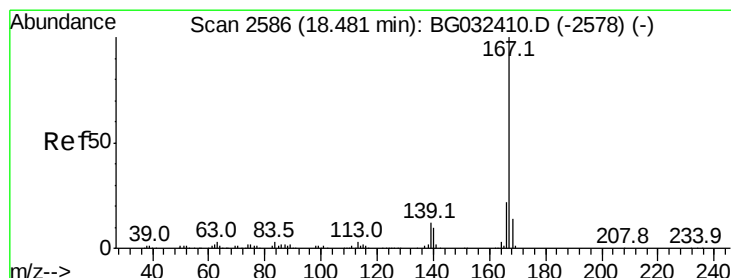
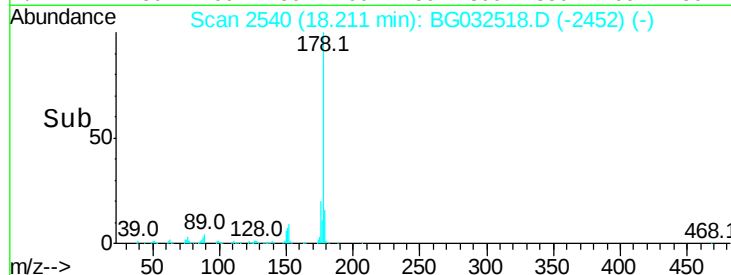
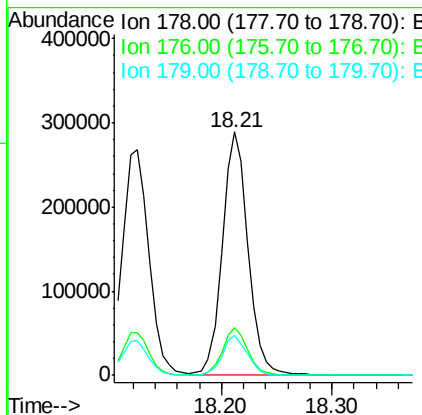
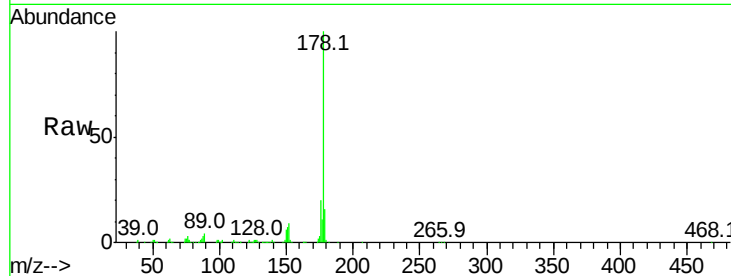
ClientSampleId :

PB106274BS

Tot Ion:178	Resp:	467610
Ion Ratio	Lower	Upper
178	100	
176	19.6	16.0 24.0
179	16.4	12.5 18.7

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#72

Carbazole

Concen: 39.246 ng

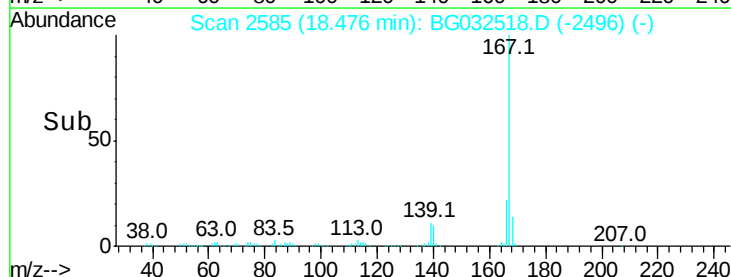
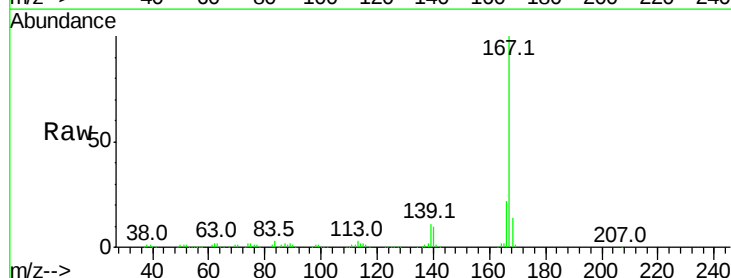
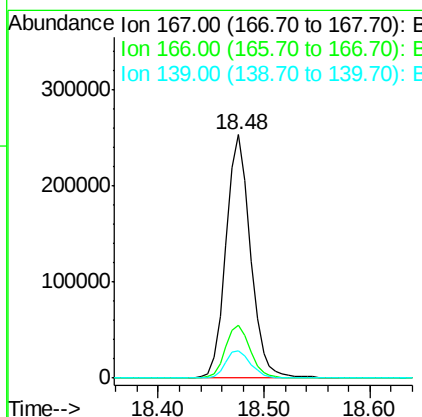
RT: 18.48 min Scan# 2585

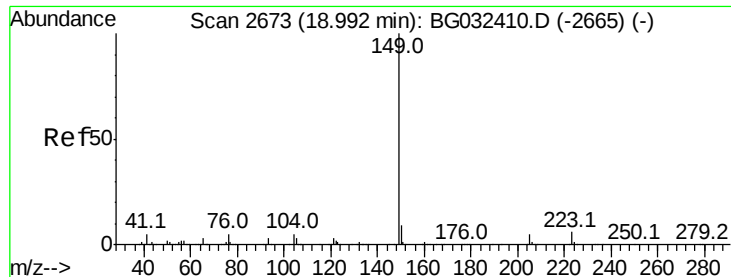
Delta R.T. -0.00 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Tgt Ion:167	Resp:	407934
Ion Ratio	Lower	Upper
167	100	
166	21.7	18.2 27.4
139	11.3	9.4 14.2





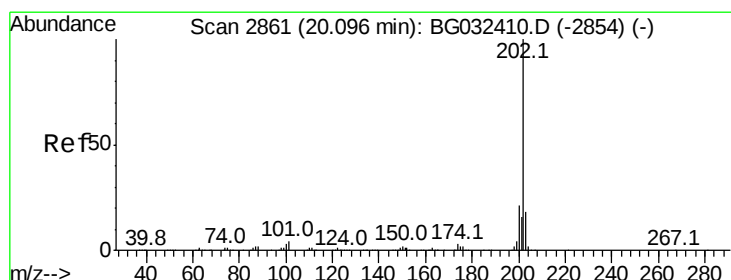
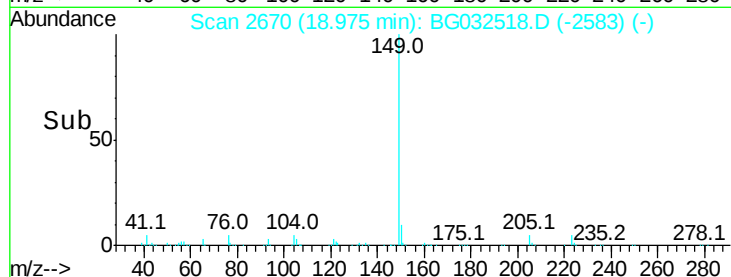
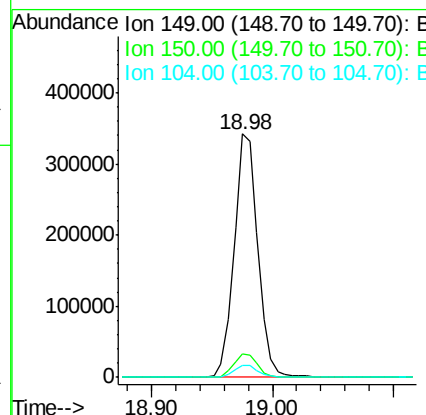
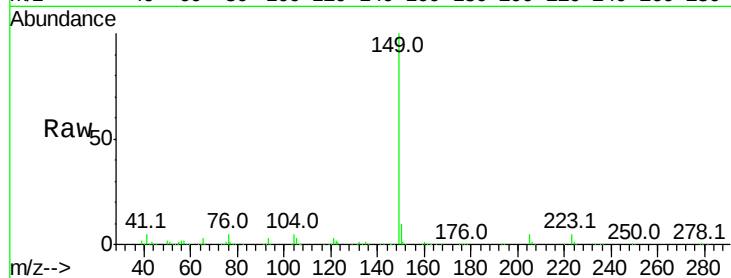
#73
Di-n-butylphthalate
Concen: 40.566 ng
RT: 18.98 min Scan# 2670
Delta R.T. -0.02 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :
PB106274BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.6	7.8	11.6	
104	4.9	3.9	5.9	

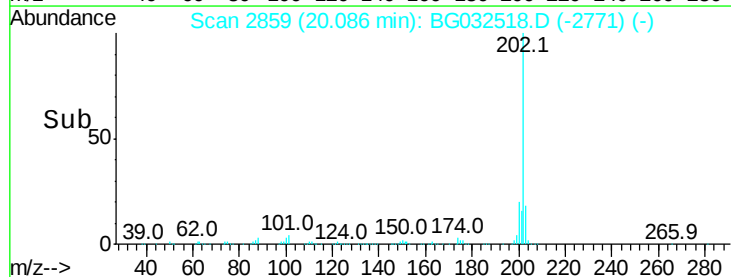
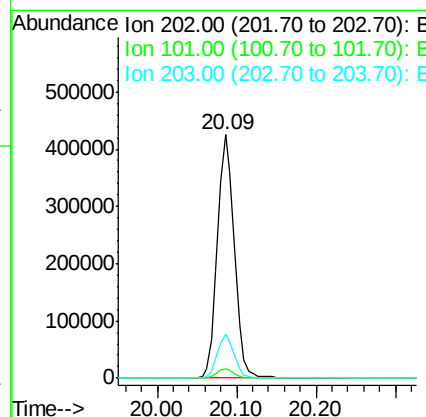
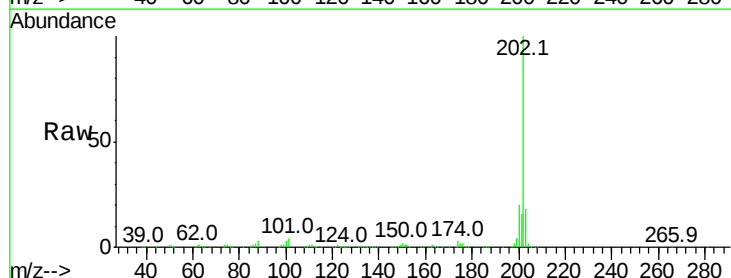
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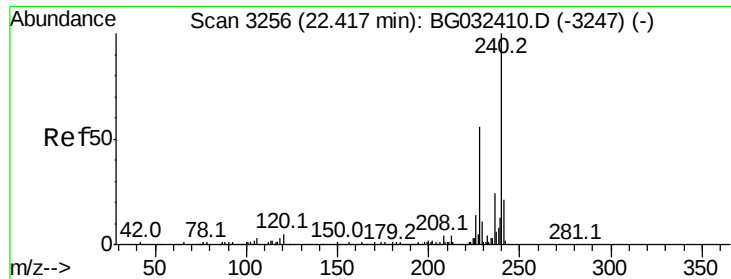
Sohil
2/5/2018 11:15:11 AM



#74
Fluoranthene
Concen: 40.615 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

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





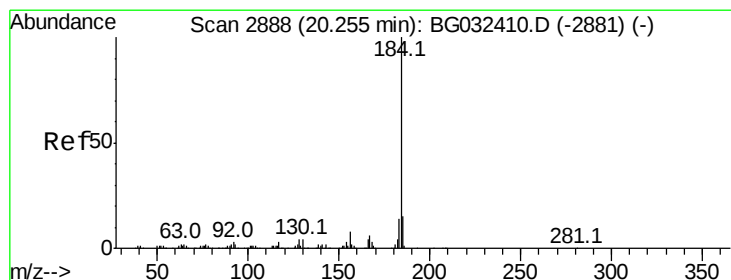
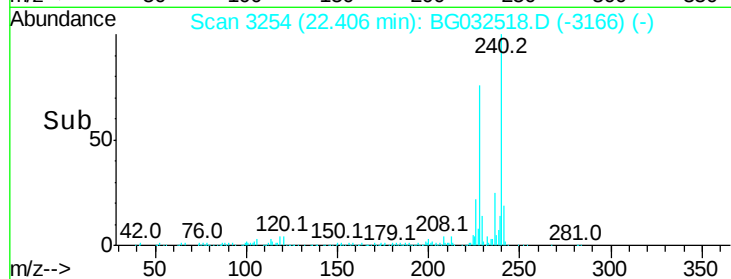
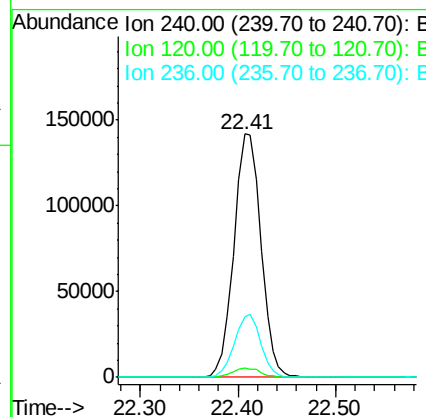
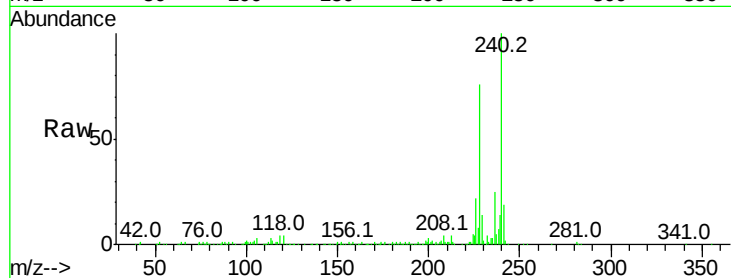
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.41 min Scan# 3254
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Instrument :
 BNA_G
 ClientSampleId :
 PB106274BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.1	6.8	10.2#
236	24.8	20.9	31.3

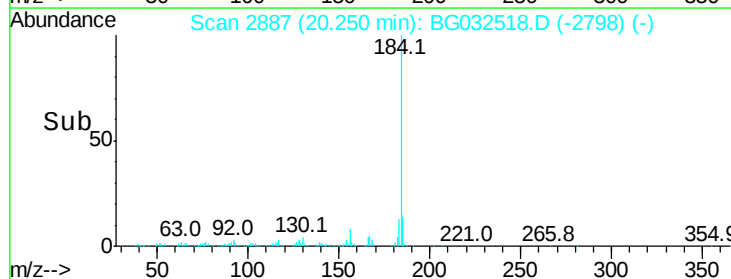
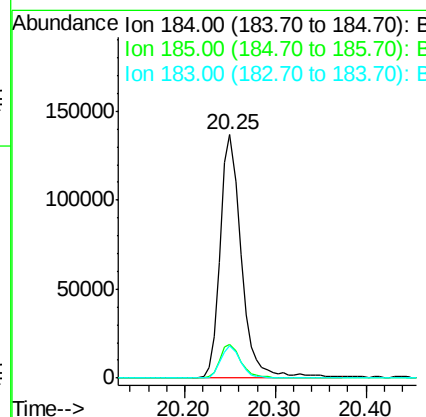
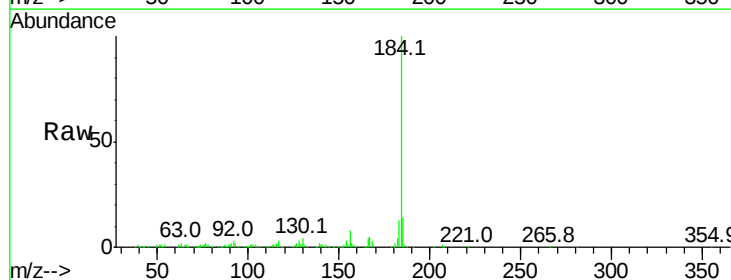
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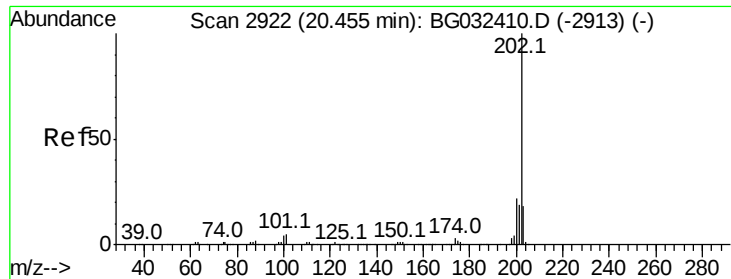
Sohil
 2/5/2018 11:15:11 AM



#76
 Benzidine
 Concen: 41.431 ng
 RT: 20.25 min Scan# 2887
 Delta R.T. -0.00 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.1	16.7
183	13.1	10.6	16.0





#77

Pvrene

Concen: 37.893 ng

RT: 20.44 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

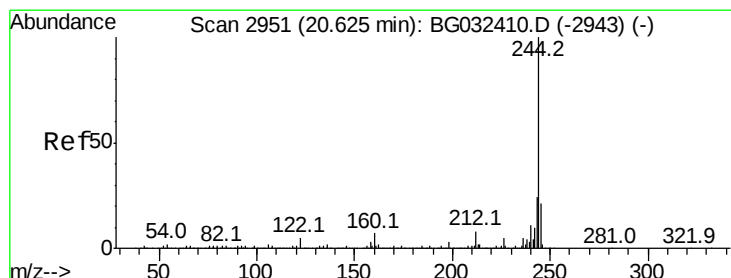
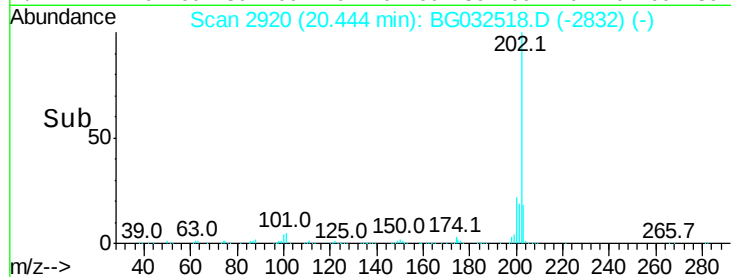
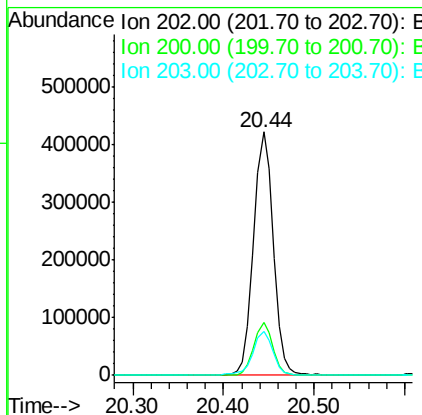
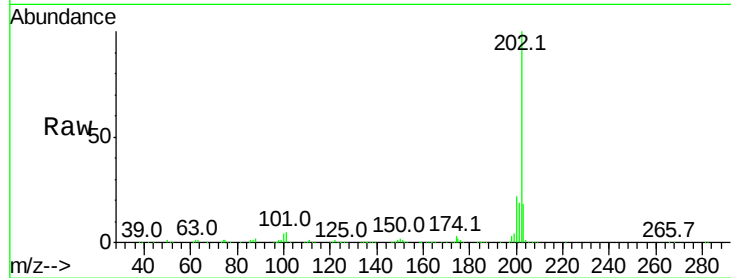
ClientSampleId :

PB106274BS

Tot Ion:	202	Resp:	636013
Ion Ratio	Lower	Upper	
202	100		
200	21.7	16.9	25.3
203	17.9	13.9	20.9

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#78

Terphenyl-d14

Concen: 82.908 ng

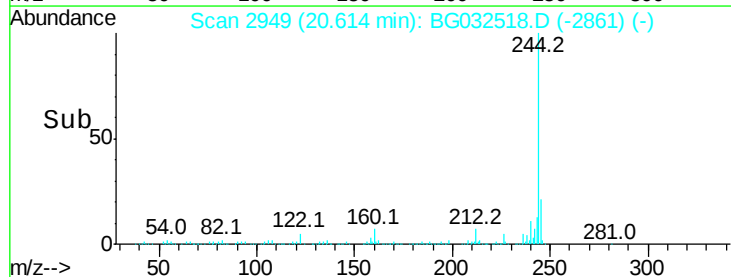
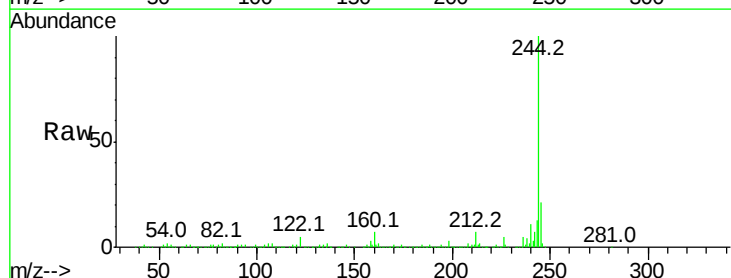
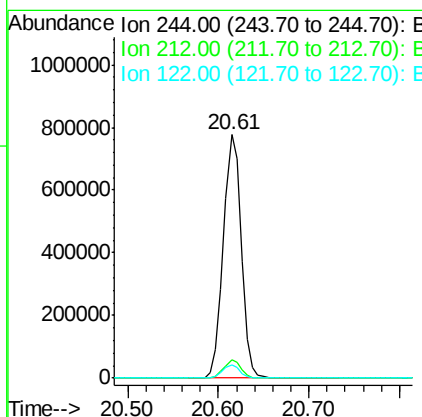
RT: 20.61 min Scan# 2949

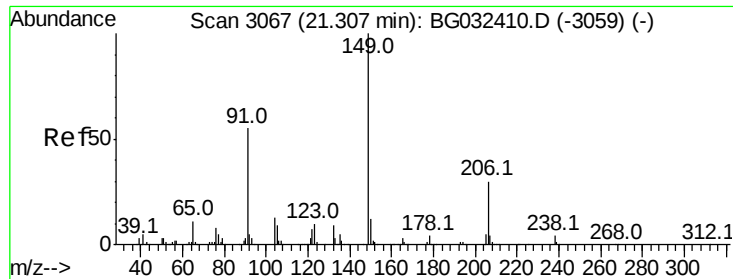
Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Tgt Ion:	244	Resp:	1059175
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.8	8.8
122	5.3	7.0	10.4#





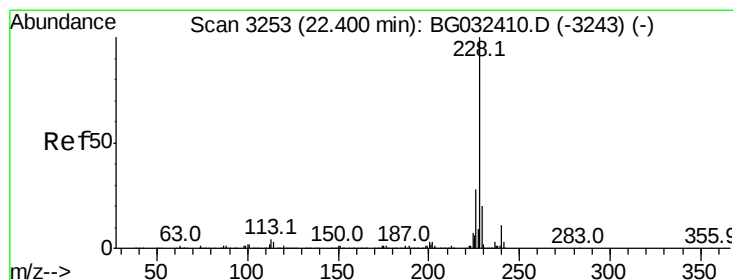
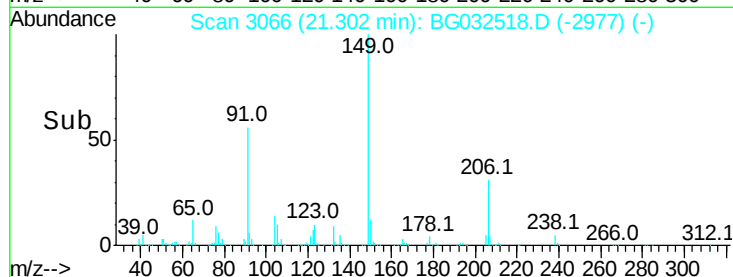
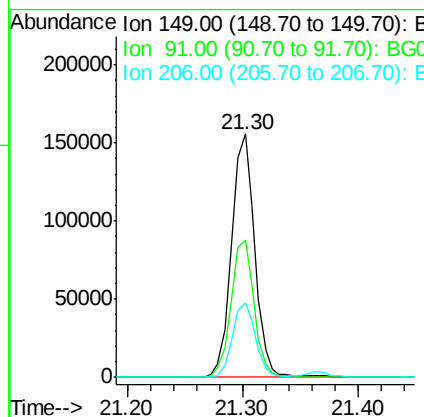
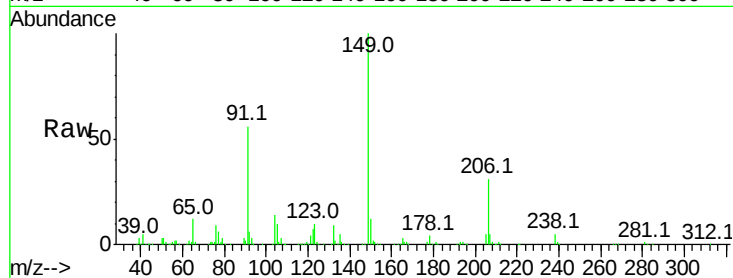
#79
Butylbenzylphthalate
Concen: 40.956 ng
RT: 21.30 min Scan# 3066
Delta R.T. -0.00 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :
PB106274BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	56.2	62.2	93.2#
206	30.7	18.6	27.8#

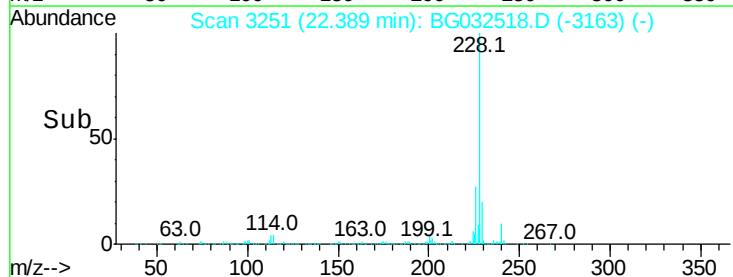
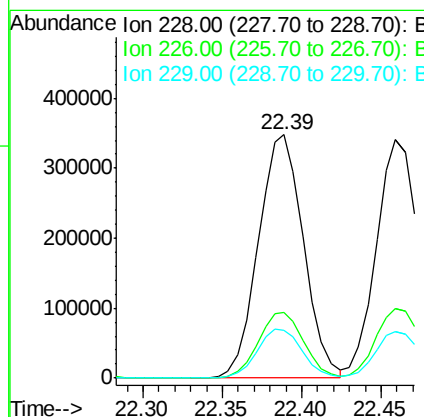
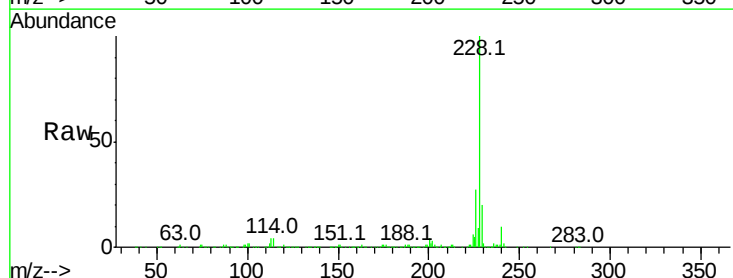
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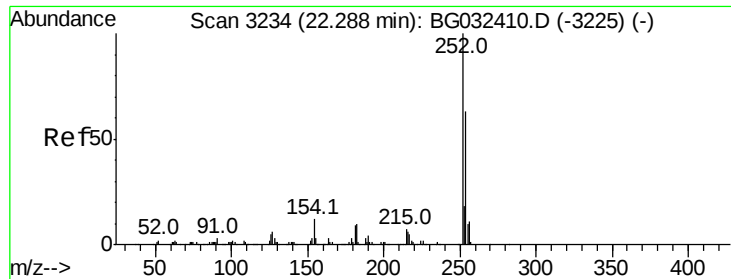
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#80
Benzo(a)anthracene
Concen: 40.372 ng
RT: 22.39 min Scan# 3251
Delta R.T. -0.01 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.7	34.1
229	19.8	16.2	24.2





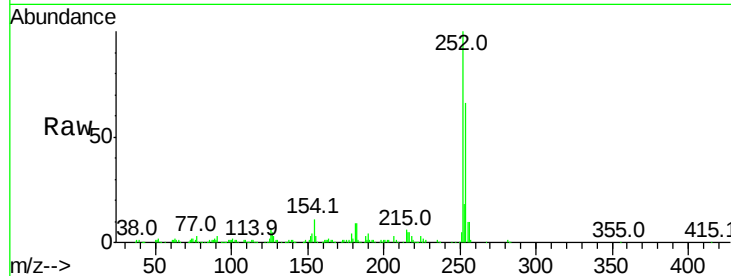
#81
 3,3'-Dichlorobenzidine
 Concen: 24.335 ng
 RT: 22.28 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Instrument :
 BNA_G
 ClientSampleId :
 PB106274BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.5	50.8	76.2
126	6.2	7.4	11.2#

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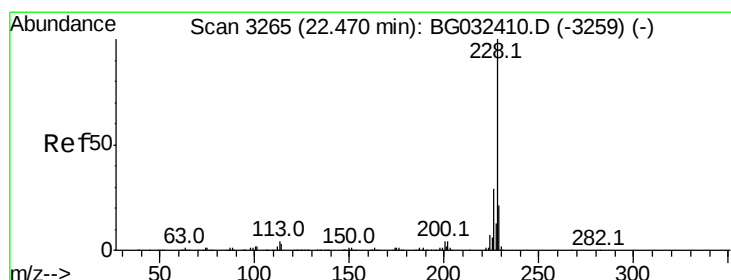
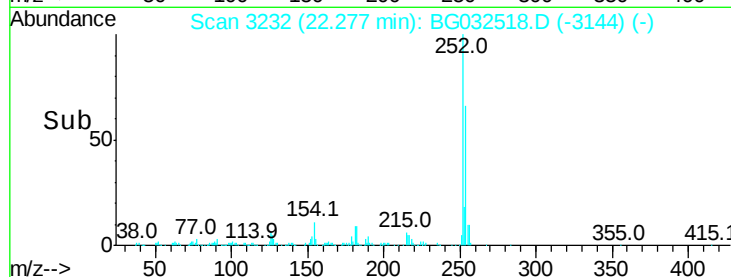
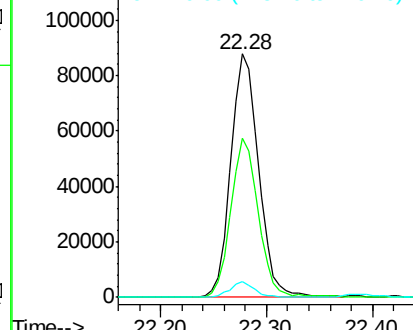


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 39.181 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

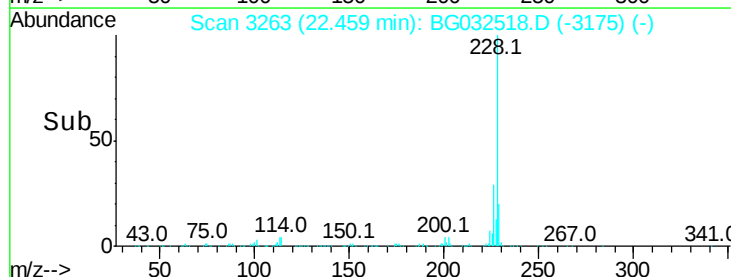
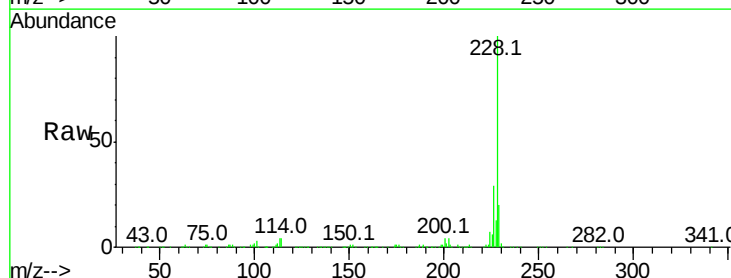
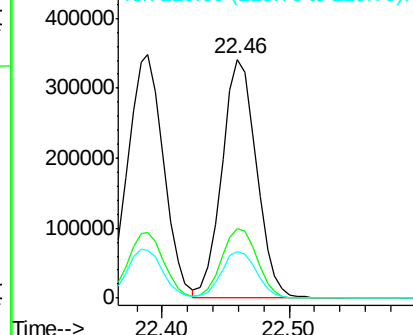
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.3	24.9	37.3
229	19.7	15.0	22.4

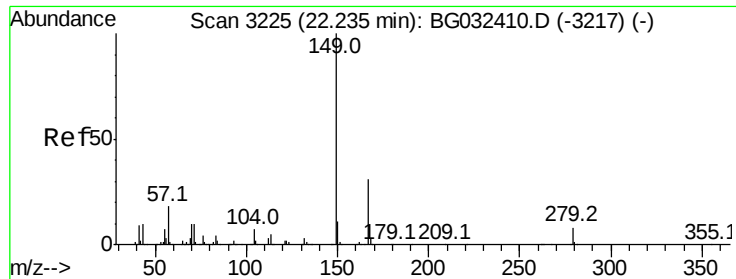
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





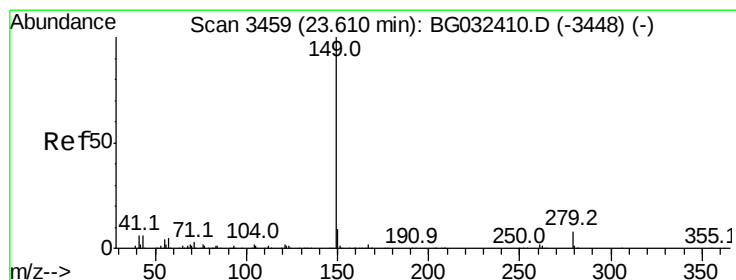
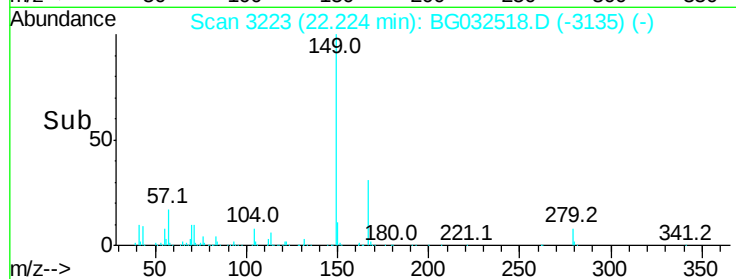
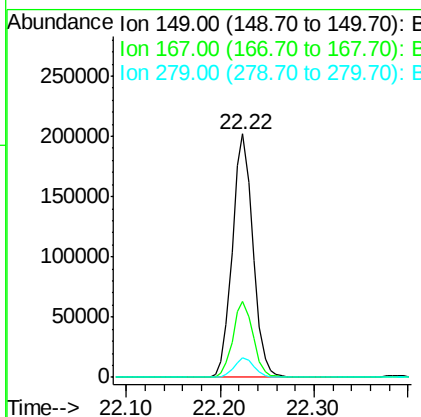
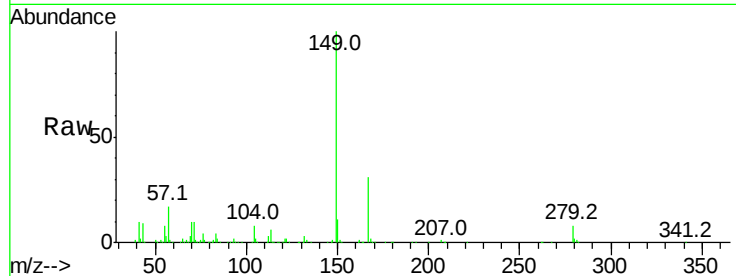
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.908 ng
 RT: 22.22 min Scan# 3223
 Delta R.T. -0.01 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Instrument :
 BNA_G
 ClientSampleID :
 PB106274BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	31.0	24.3	36.5	
279	8.2	4.0	6.0	

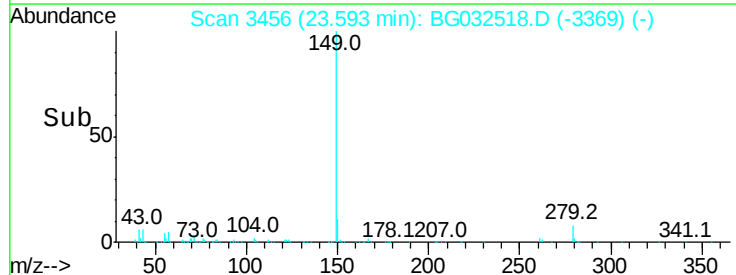
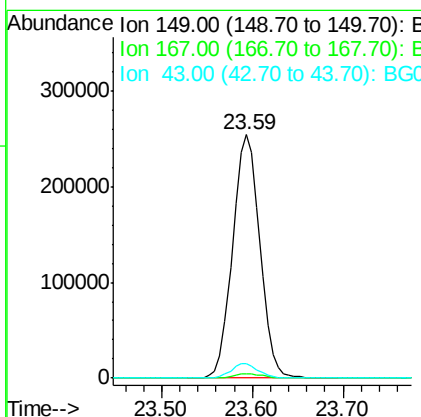
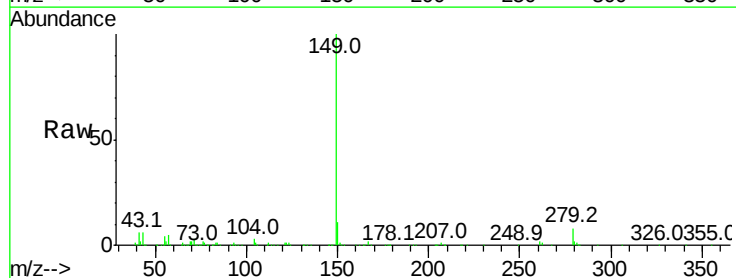
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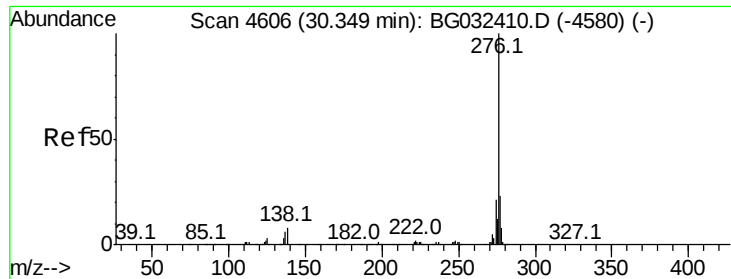
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#84
 Di-n-octyl phthalate
 Concen: 44.606 ng
 RT: 23.59 min Scan# 3456
 Delta R.T. -0.02 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.9	1.4	2.0	
43	6.0	8.9	13.3	





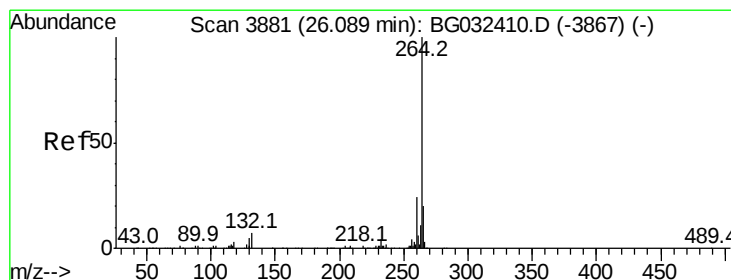
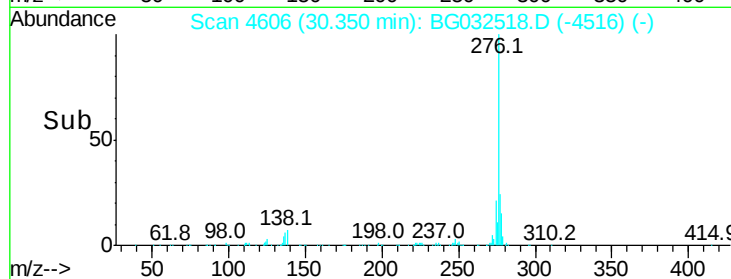
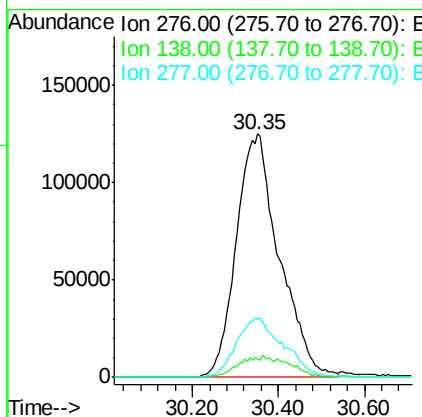
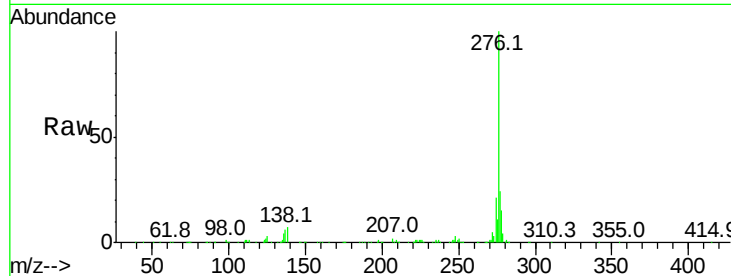
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.255 ng
RT: 30.35 min Scan# 4606
Delta R.T. 0.00 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Instrument :
BNA_G
ClientSampleId :
PB106274BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	4.5	16.0	24.0#
277	26.3	20.0	30.0

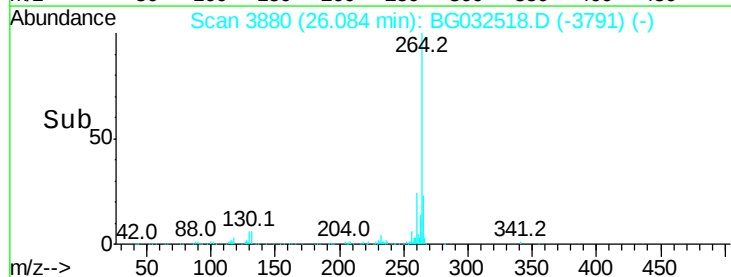
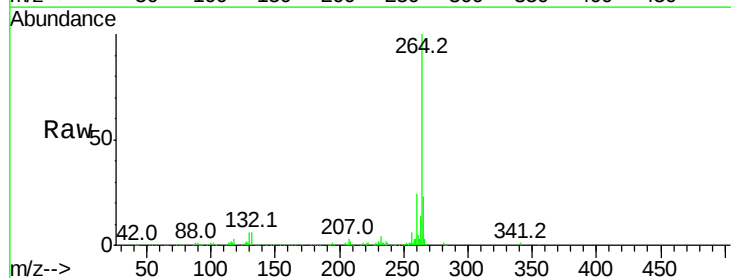
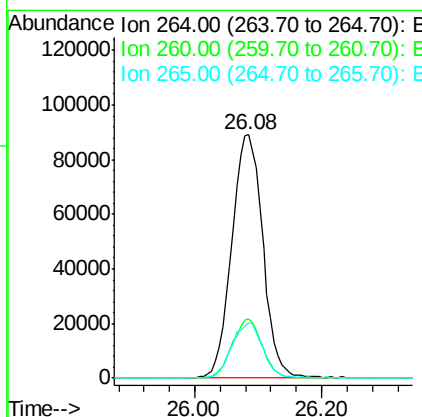
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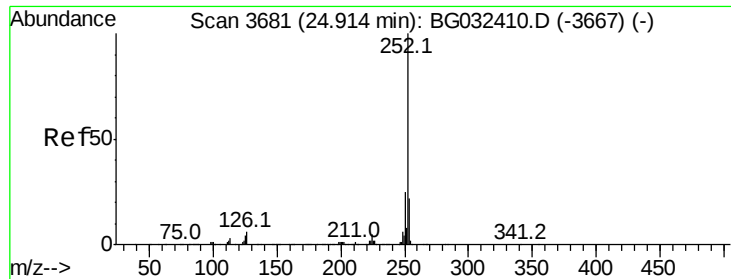
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#86
Perylene-d12
Concen: 20.000 ng
RT: 26.08 min Scan# 3880
Delta R.T. -0.00 min
Lab File: BG032518.D
Acq: 2 Feb 2018 18:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	22.5	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 40.565 ng

RT: 24.90 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

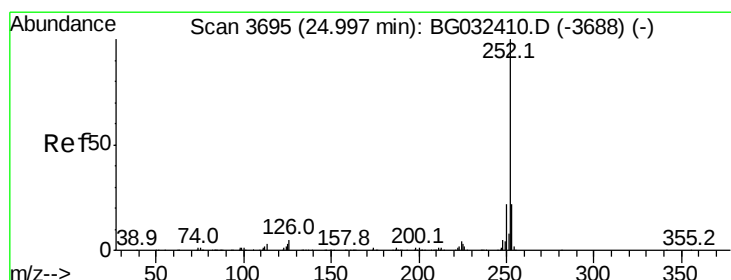
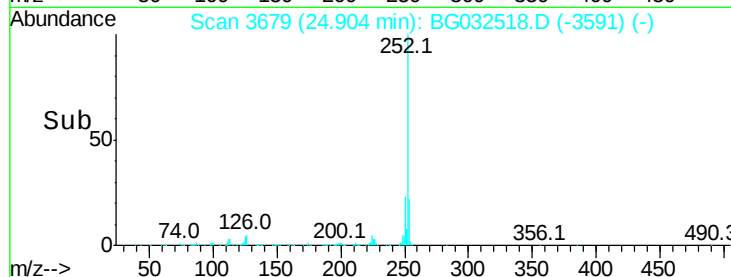
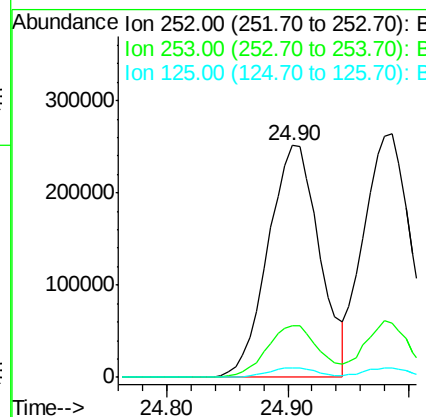
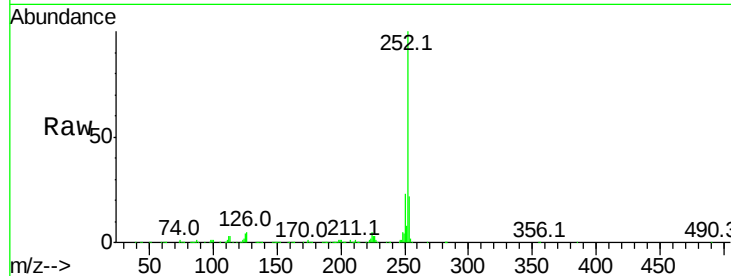
ClientSampleId :

PB106274BS

Tot Ion:	252	Resp:	741024
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.4
125	3.8	7.2	10.8#

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#88

Benzo(k)fluoranthene

Concen: 39.500 ng

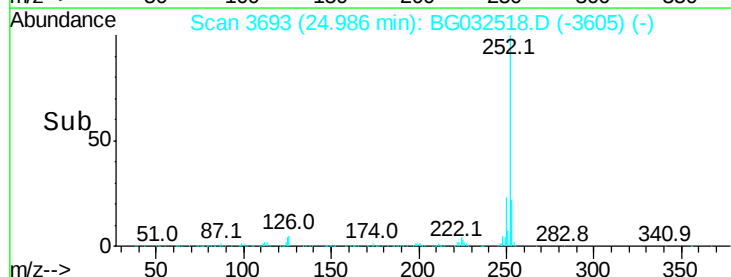
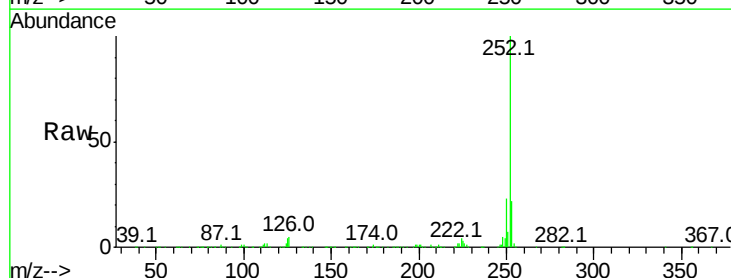
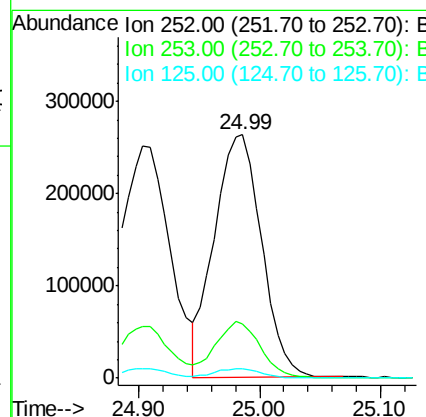
RT: 24.99 min Scan# 3693

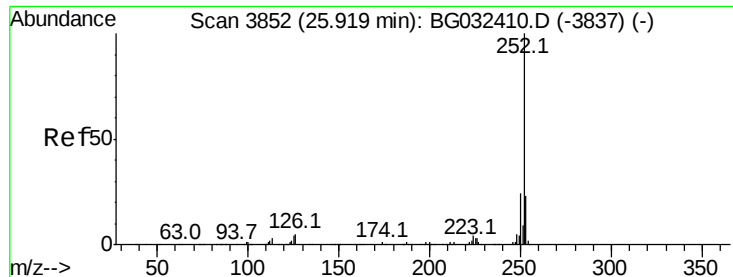
Delta R.T. -0.01 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Tgt Ion:	252	Resp:	714805
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.2
125	3.7	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 41.265 ng

RT: 25.91 min Scan# 3851

Delta R.T. -0.00 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Instrument :

BNA_G

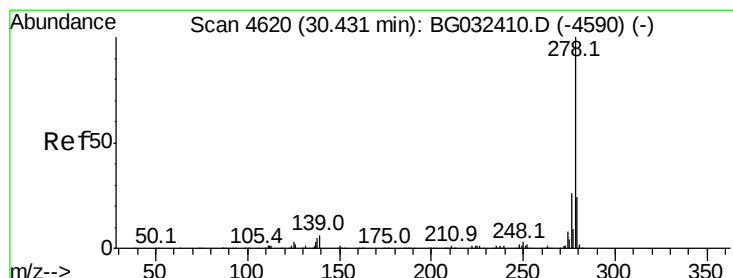
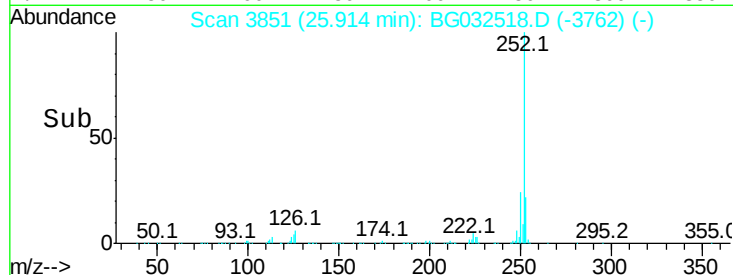
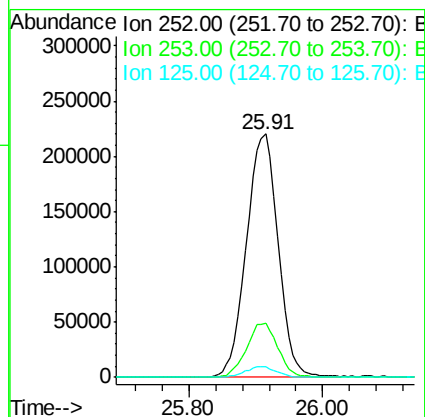
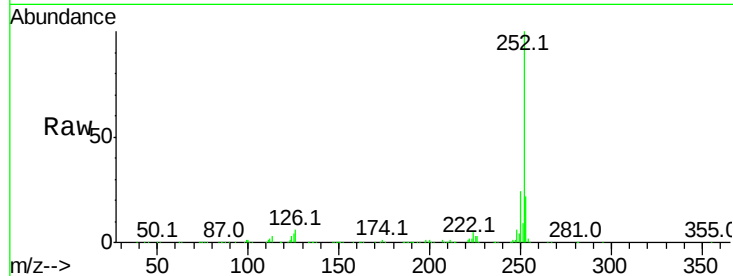
ClientSampleId :

PB106274BS

Tot Ion:	252	Resp:	718655
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.3	27.5
125	4.5	7.3	10.9#

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#90

Dibenzo(a,h)anthracene

Concen: 40.884 ng

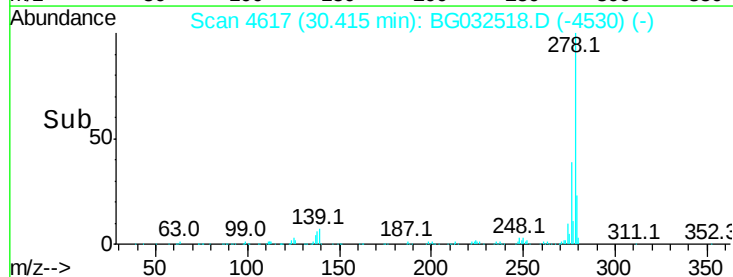
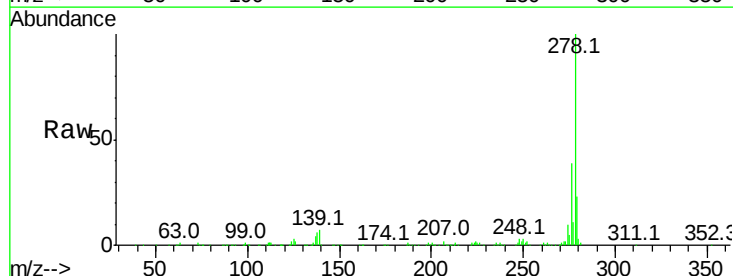
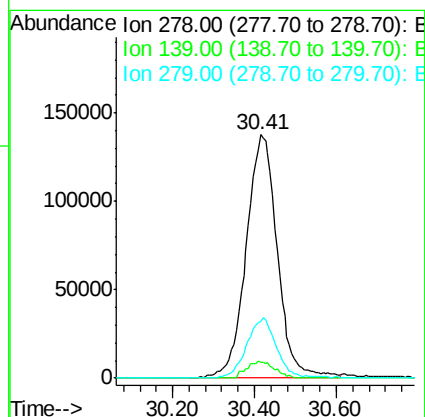
RT: 30.41 min Scan# 4617

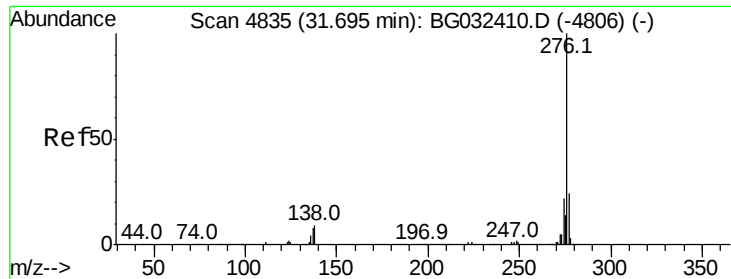
Delta R.T. -0.02 min

Lab File: BG032518.D

Acq: 2 Feb 2018 18:53

Tgt Ion:	278	Resp:	728383
Ion Ratio	Lower	Upper	
278	100		
139	6.7	9.8	14.6#
279	23.2	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 40.811 ng
 RT: 31.68 min Scan# 4832
 Delta R.T. -0.02 min
 Lab File: BG032518.D
 Acq: 2 Feb 2018 18:53

Instrument :
 BNA_G
 ClientSampleId :
 PB106274BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.5	18.3	27.5
138	8.7	13.9	20.9

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