

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032559.D
 Acq On : 6 Feb 2018 6:55
 Operator : SJ/JU
 Sample : PB106290BS
 Misc : MDL8PPM
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106290BS

Manual Integrations
 APPROVED

Sohil
 2/6/2018 2:35:11 PM

Quant Time: Feb 06 11:29:45 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	8.70	152	17068	20.00	ng	-0.02
21) Naphthalene-d8	11.59	136	67619	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	48422	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	129192	20.00	ng	0.00
75) Chrysene-d12	22.41	240	216604	20.00	ng	0.00
86) Perylene-d12	26.08	264	277781	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	128634	151.38	ng	0.00
7) Phenol-d6	7.83	99	132493	116.84	ng	0.00
23) Nitrobenzene-d5	9.91	82	77697	71.77	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	126394	137.13	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	290976	71.42	ng	-0.01
78) Terphenyl-d14	20.62	244	662143	65.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.80	88	10582	37.012	ng	# 74
3) Pyridine	4.25	79	28662	37.127	ng	# 75
4) n-Nitrosodimethylamine	4.16	42	16657	41.449	ng	# 65
6) Aniline	8.01	93	17259	12.207	ng	# 87
8) 2-Chlorophenol	8.25	128	43049	42.857	ng	# 81
9) Benzaldehyde	7.81	77	10226	17.460	ng	97
10) Phenol	7.86	94	43277	40.189	ng	92
11) bis(2-Chloroethyl)ether	8.09	93	28569	34.819	ng	# 78
12) 1,3-Dichlorobenzene	8.59	146	47367	34.869	ng	94
13) 1,4-Dichlorobenzene	8.74	146	48963	35.962	ng	94
14) 1,2-Dichlorobenzene	9.07	146	48844	36.621	ng	99
15) Benzyl Alcohol	8.95	79	29646	31.722	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	9.23	45	28052	36.080	ng	66
17) 2-Methylphenol	9.15	107	31005	35.451	ng	95
18) Hexachloroethane	9.82	117	16459	36.006	ng	88
19) n-Nitroso-di-n-propylamine	9.52	70	23725	31.555	ng	# 80
20) 3+4-Methylphenols	9.48	107	41483	33.814	ng	95
22) Acetophenone	9.55	105	54530	34.402	ng	# 87
24) Nitrobenzene	9.95	77	38321	36.606	ng	92
25) Isophorone	10.47	82	69824	37.879	ng	# 85
26) 2-Nitrophenol	10.68	139	25430	40.186	ng	# 78
27) 2,4-Dimethylphenol	10.71	122	37453	41.235	ng	92
28) bis(2-Chloroethoxy)methane	10.95	93	39836	39.409	ng	# 96
29) 2,4-Dichlorophenol	11.22	162	47103	39.147	ng	92
30) 1,2,4-Trichlorobenzene	11.44	180	53650	33.454	ng	99
31) Naphthalene	11.64	128	127036	38.466	ng	98
32) Benzoic acid	10.79	122	11153m	21.246	ng	
33) 4-Chloroaniline	11.74	127	20105	13.649	ng	94
34) Hexachlorobutadiene	11.90	225	41708	33.428	ng	92
35) Caprolactam	12.47	113	13766	39.854	ng	# 39
36) 4-Chloro-3-methylphenol	12.82	107	44348	38.857	ng	# 80
37) 2-Methylnaphthalene	13.20	142	102261	36.857	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	74017	32.674	ng	96
40) Hexachlorocyclopentadiene	13.53	237	97306	68.748	ng	91

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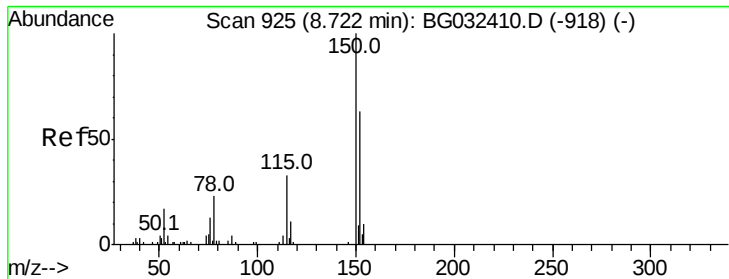
Manual Integrations
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 2/6/2018 2:35:11 PM

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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	45363	36.815	nq	92
43) 2,4,5-Trichlorophenol	13.87	196	51192	35.639	nq	# 87
45) 1,1'-Biphenyl	14.18	154	142760	34.897	nq	92
46) 2-Chloronaphthalene	14.24	162	114535	35.721	nq	94
47) 2-Nitroaniline	14.43	65	25600	36.104	nq	# 69
48) Acenaphthylene	15.07	152	177032	36.522	nq	99
49) Dimethylphthalate	14.77	163	156182	34.981	nq	99
50) 2,6-Dinitrotoluene	14.91	165	35181	37.543	nq	# 71
51) Acenaphthene	15.41	154	112046	33.330	nq	96
52) 3-Nitroaniline	15.24	138	16609	20.292	nq	# 82
53) 2,4-Dinitrophenol	15.44	184	5116	12.402	nq	# 79
54) Dibenzofuran	15.73	168	184899	37.160	nq	99
55) 4-Nitrophenol	15.53	139	47730	77.891	nq	# 80
56) 2,4-Dinitrotoluene	15.68	165	52095	39.045	nq	# 68
57) Fluorene	16.38	166	151316	36.597	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.96	232	55221	38.978	nq	# 90
59) Diethylphthalate	16.12	149	160574	36.927	nq	99
60) 4-Chlorophenyl-phenylether	16.36	204	91522	35.103	nq	96
61) 4-Nitroaniline	16.40	138	29804	33.973	nq	84
62) Azobenzene	16.65	77	96880	37.281	nq	84
64) 4,6-Dinitro-2-methylphenol	16.45	198	9211	9.544	nq	# 65
65) n-Nitrosodiphenylamine	16.57	169	143093	37.114	nq	96
66) 4-Bromophenyl-phenylether	17.25	248	70902	37.045	nq	98
67) Hexachlorobenzene	17.38	284	80292	37.908	nq	# 89
68) Atrazine	17.50	200	65756	39.729	nq	97
69) Pentachlorophenol	17.72	266	49559	37.351	nq	97
70) Phenanthrene	18.12	178	271480	37.681	nq	97
71) Anthracene	18.21	178	279899	39.017	nq	98
72) Carbazole	18.47	167	250280	39.486	nq	99
73) Di-n-butylphthalate	18.98	149	288218	41.070	nq	99
74) Fluoranthene	20.08	202	366238	38.762	nq	95
76) Benzidine	20.25	184	97576	22.942	nq	97
77) Pyrene	20.44	202	375314	28.250	nq	98
79) Butylbenzylphthalate	21.30	149	134598	32.120	nq	# 75
80) Benzo(a)anthracene	22.39	228	510313	38.003	nq	98
81) 3,3'-Dichlorobenzidine	22.27	252	88344	16.980	nq	93
82) Chrysene	22.46	228	458667	35.369	nq	97
83) Bis(2-ethylhexyl)phthalate	22.22	149	228582	38.471	nq	# 99
84) Di-n-octyl phthalate	23.59	149	424189	45.011	nq	# 89
85) Indeno(1,2,3-cd)pyrene	30.33	276	746025	45.475	nq	# 85
87) Benzo(b)fluoranthene	24.90	252	576554	34.351	nq	# 96
88) Benzo(k)fluoranthene	24.98	252	596684	35.887	nq	# 96
89) Benzo(a)pyrene	25.90	252	625388	39.084	nq	# 94
90) Dibenzo(a,h)anthracene	30.41	278	623942	38.118	nq	# 93
91) Benzo(g,h,i)perylene	31.67	276	641017	39.453	nq	# 91

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



#1

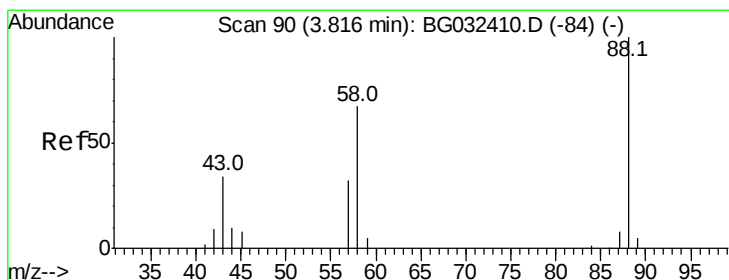
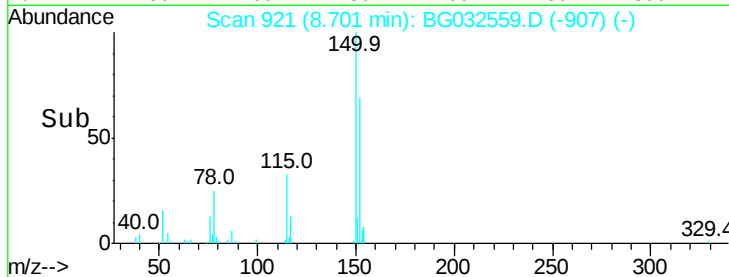
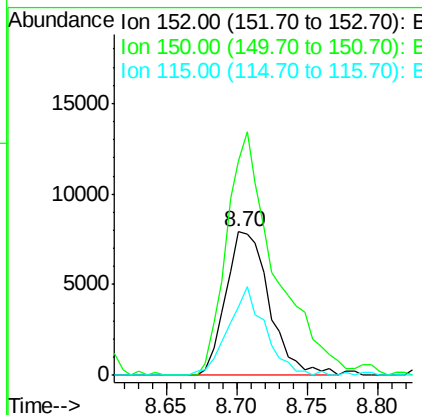
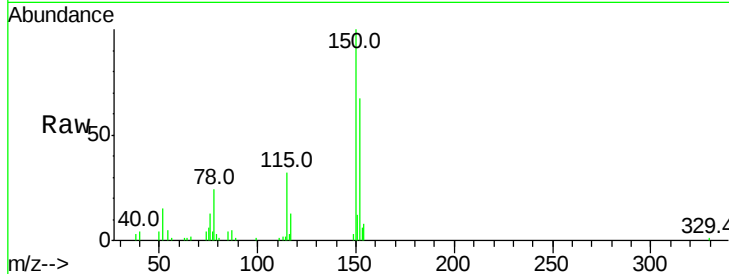
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.70 min Scan# 921
Delta R.T. -0.02 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampleId :
PB106290BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	126.6	189.8
115	47.6	53.0	79.4

Manual Integrations
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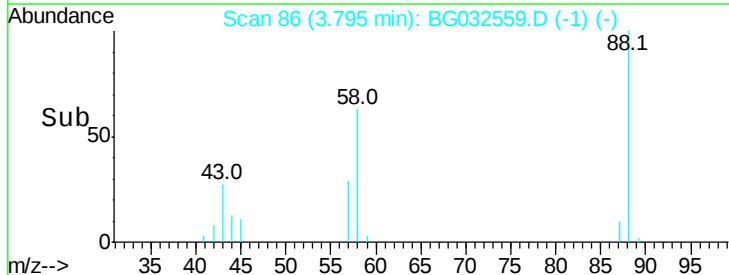
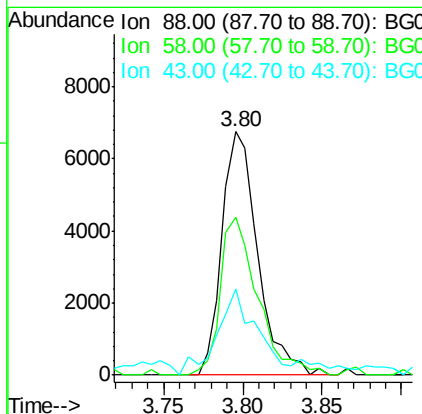
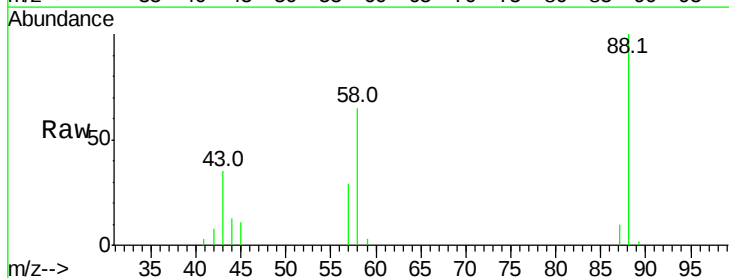
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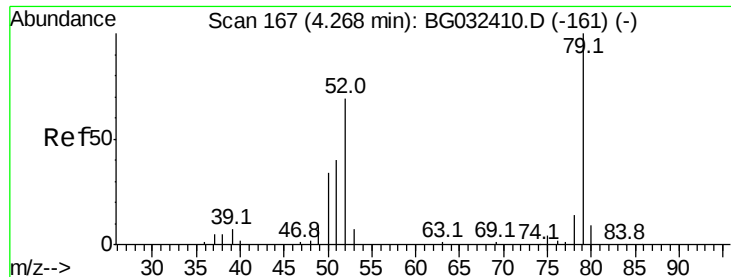


#2

1,4-Dioxane
Concen: 37.012 ng
RT: 3.80 min Scan# 86
Delta R.T. -0.02 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.7	79.6	119.4
43	38.7	27.4	41.0





#3

Pvridine

Concen: 37.127 ng

RT: 4.25 min Scan# 163

Delta R.T. -0.02 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

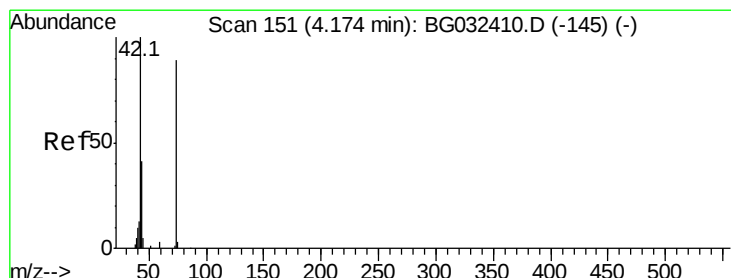
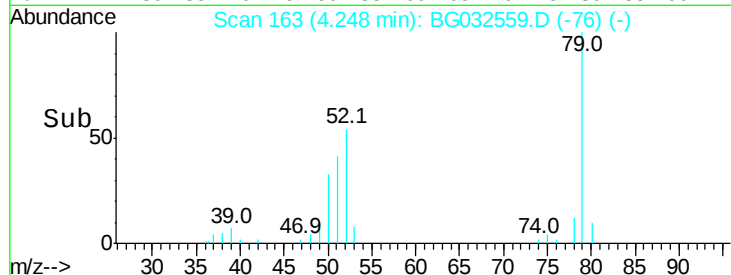
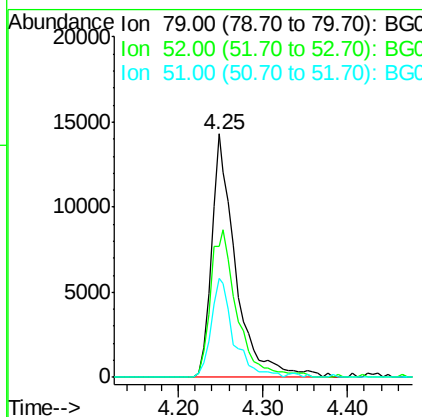
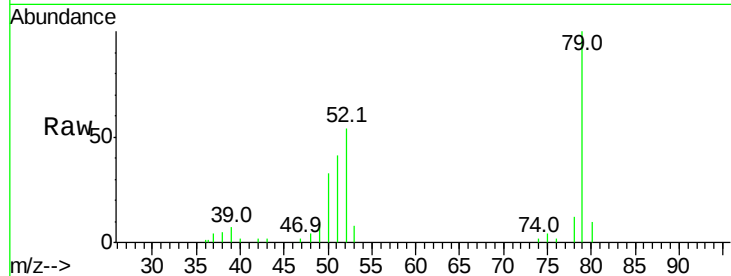
ClientSampleId :

PB106290BS

Tot Ion:	79	Resp:	28662
Ion Ratio	Lower	Upper	
79	100		
52	53.8	69.9	104.9#
51	40.7	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 41.449 ng

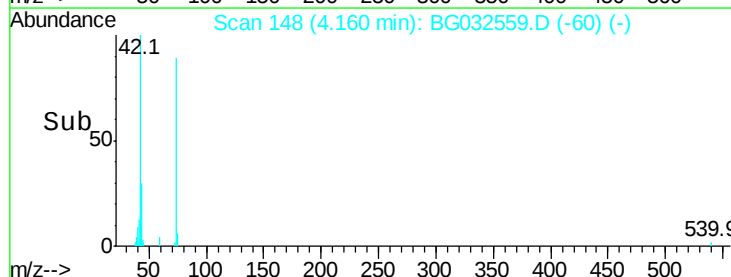
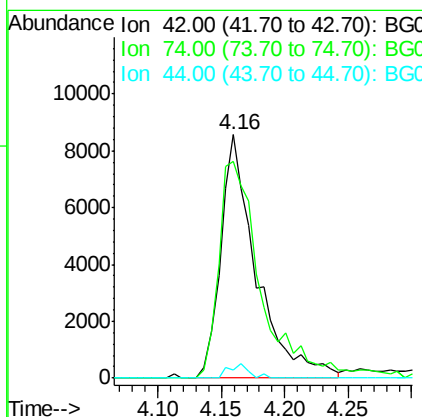
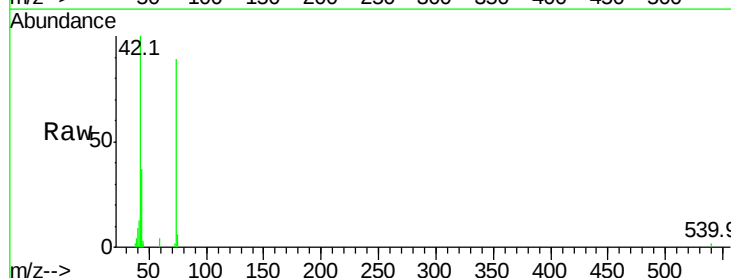
RT: 4.16 min Scan# 148

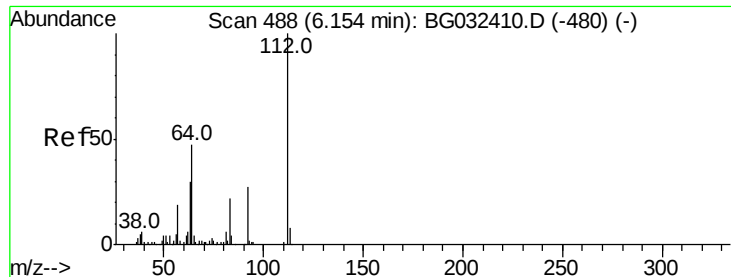
Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Tgt Ion:	42	Resp:	16657
Ion Ratio	Lower	Upper	
42	100		
74	89.1	102.5	153.7#
44	3.1	18.9	28.3#





#5

2-Fluorophenol

Concen: 151.376 ng

RT: 6.15 min Scan# 486

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

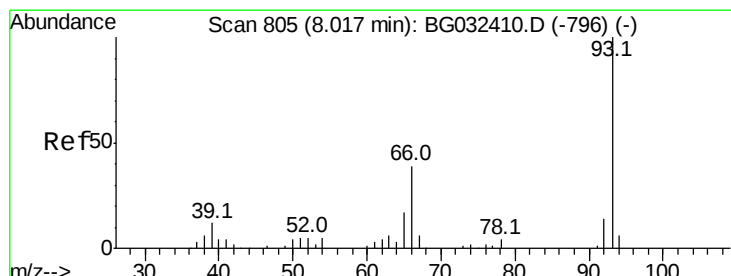
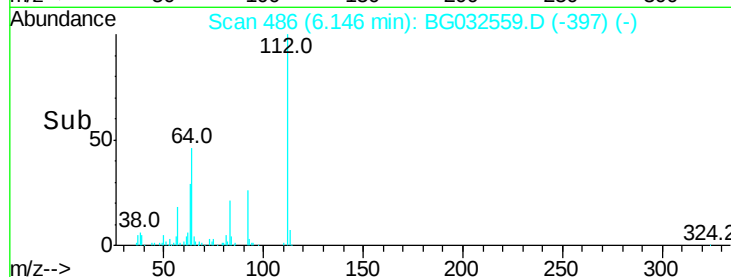
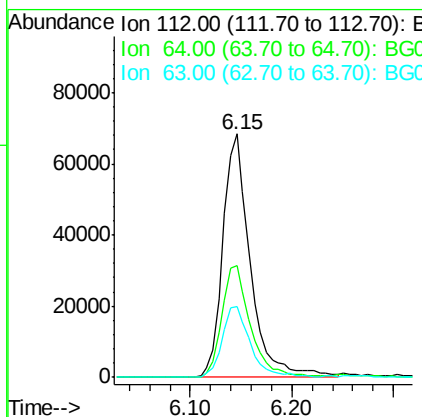
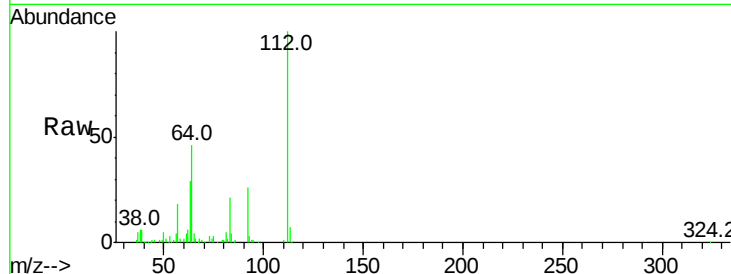
ClientSampleId :

PB106290BS

Tot Ion:	112	Resp:	128634
Ion Ratio	Lower	Upper	
112	100		
64	46.1	56.3	84.5#
63	29.3	30.1	45.1#

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#6

Aniline

Concen: 12.207 ng

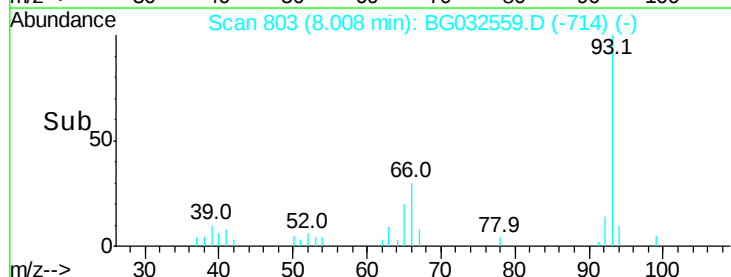
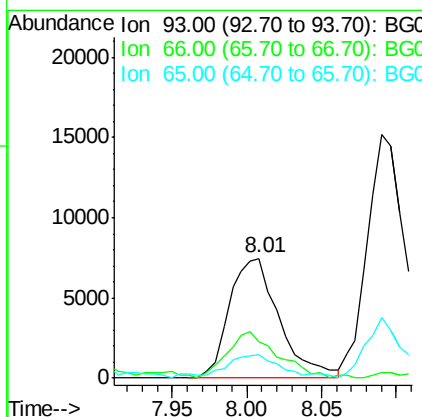
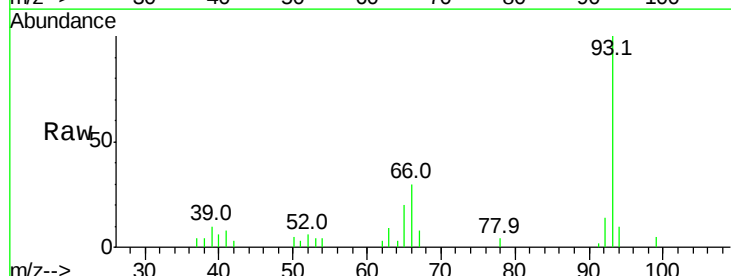
RT: 8.01 min Scan# 803

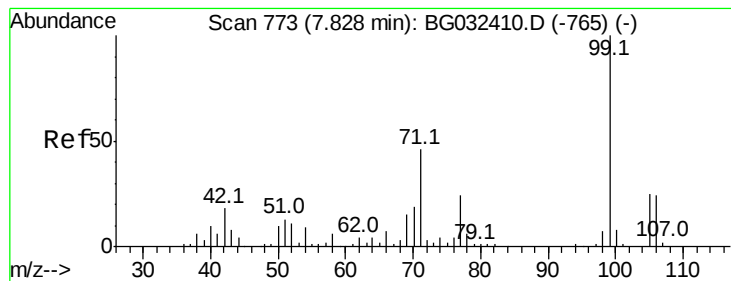
Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Tgt Ion:	93	Resp:	17259
Ion Ratio	Lower	Upper	
93	100		
66	30.0	33.7	50.5#
65	19.6	16.1	24.1





#7

Phenol-d6

Concen: 116.843 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

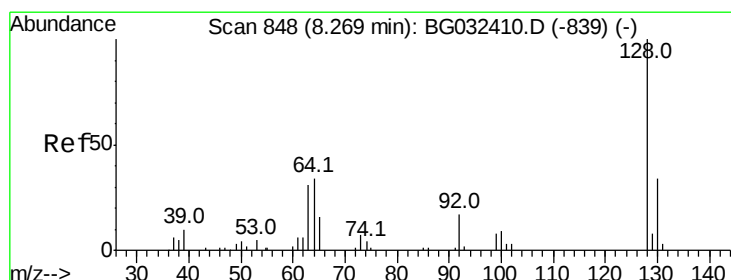
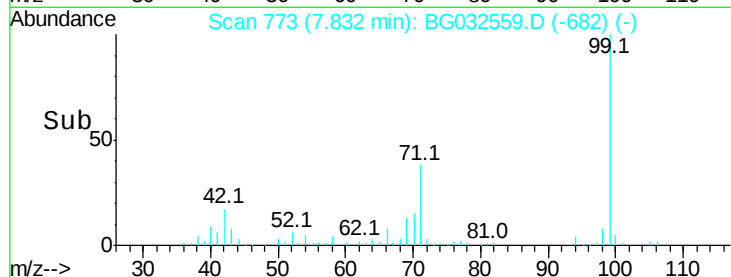
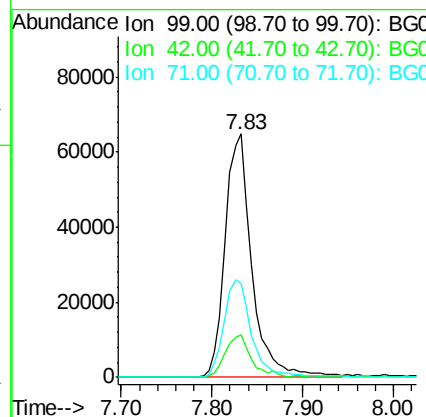
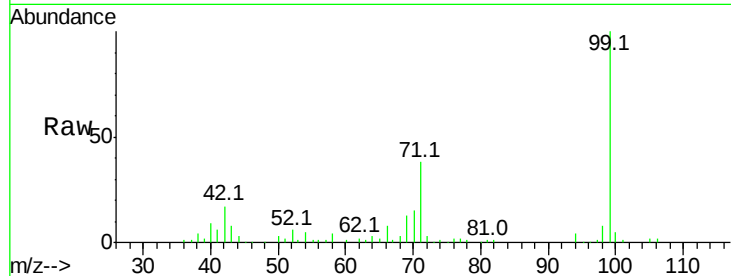
ClientSampleId :

PB106290BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		132493		
42	17.4	14.1	21.1		
71	38.5	26.1	39.1		

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#8

2-Chlorophenol

Concen: 42.857 ng

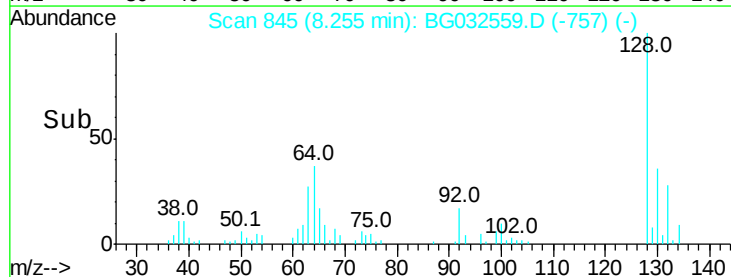
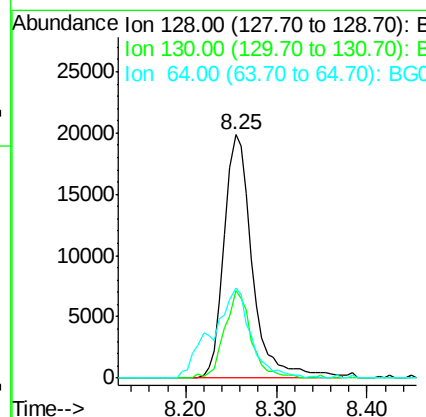
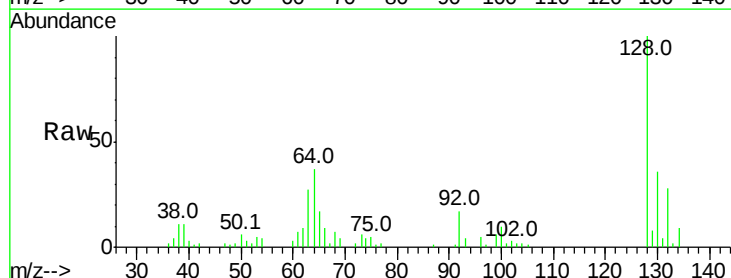
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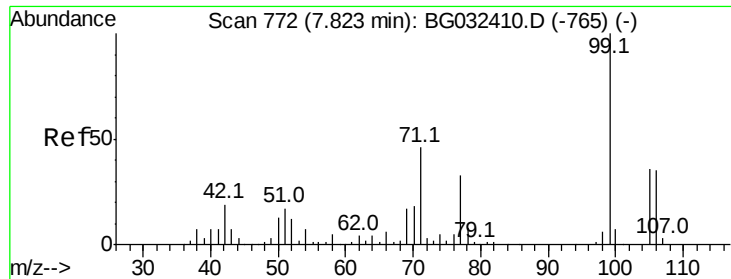
Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		43049		
130	36.0	14.0	54.0		
64	37.2	37.7	77.7		





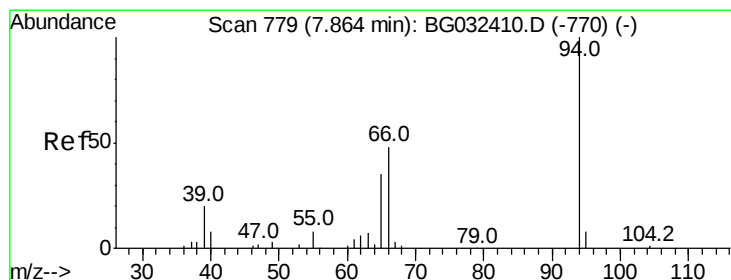
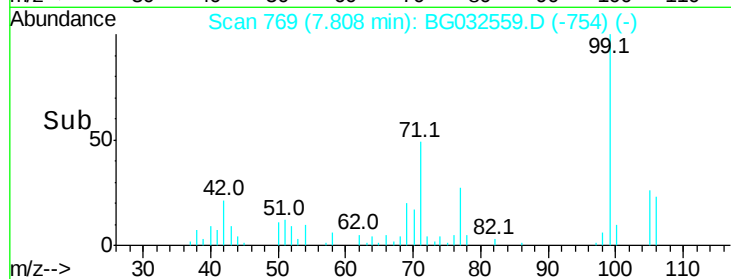
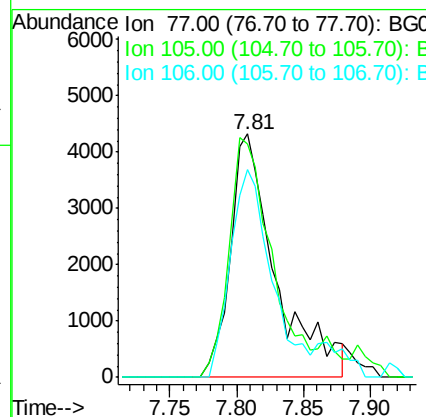
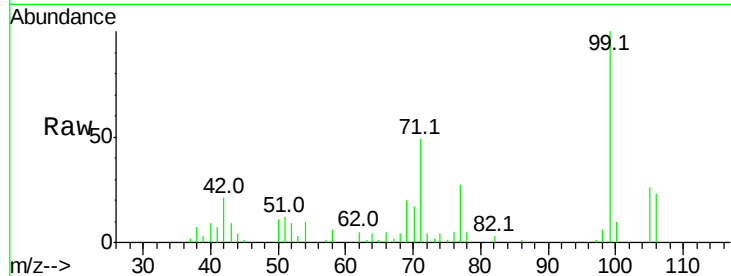
#9
Benzaldehyde
Concen: 17.460 ng
RT: 7.81 min Scan# 769
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampleId :
PB106290BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.7	71.3	111.3
106	85.1	64.2	104.2

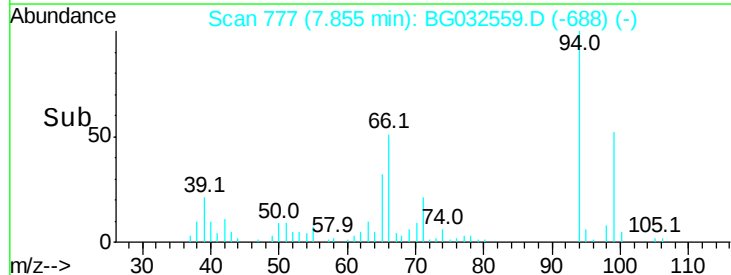
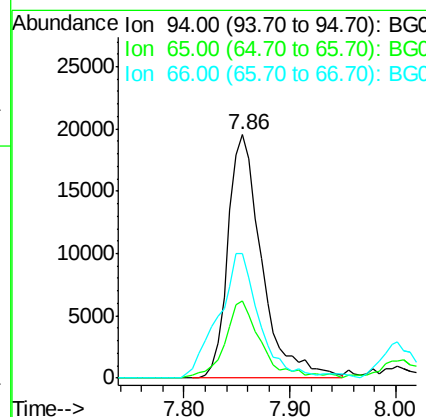
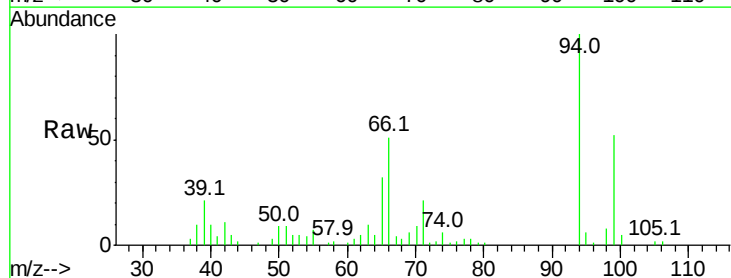
Manual Integrations
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#10
Phenol
Concen: 40.189 ng
RT: 7.86 min Scan# 777
Delta R.T. -0.01 min
Lab File: BG032559.D
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Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.8	11.9	51.9
66	51.2	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 34.819 ng

RT: 8.09 min Scan# 817

Delta R.T. -0.02 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

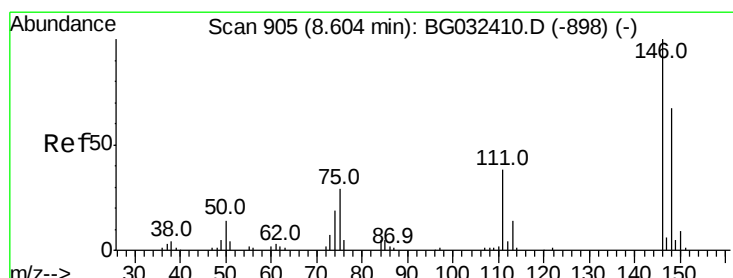
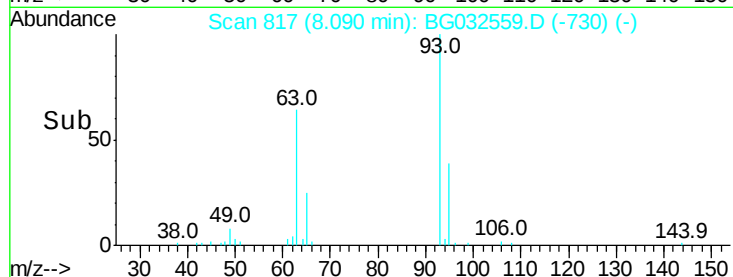
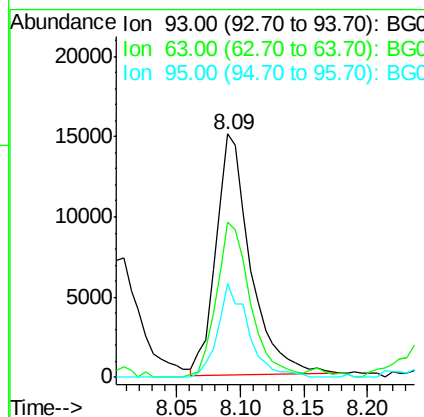
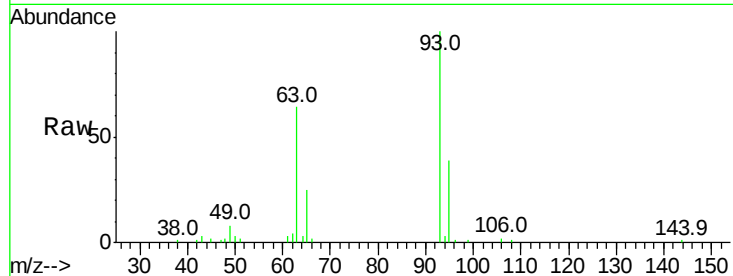
ClientSampleId :

PB106290BS

Tot Ion:	93	Resp:	28569
Ion Ratio	Lower	Upper	
93	100		
63	63.8	67.1	107.1#
95	38.7	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 34.869 ng

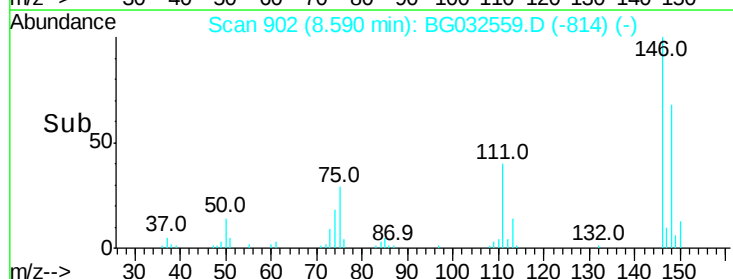
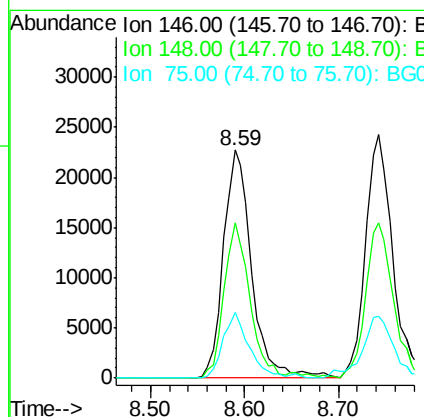
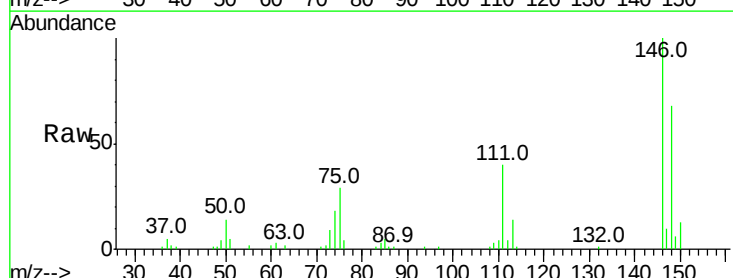
RT: 8.59 min Scan# 902

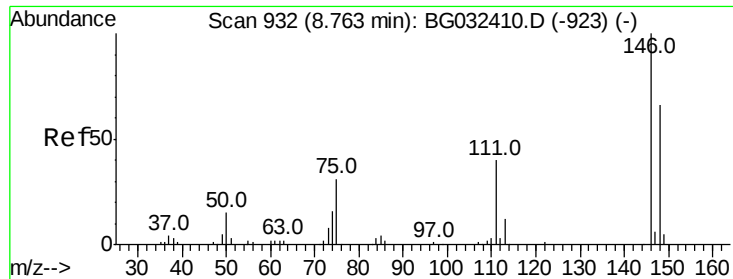
Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Tgt Ion:	146	Resp:	47367
Ion Ratio	Lower	Upper	
146	100		
148	67.9	51.4	77.2
75	28.8	26.6	39.8





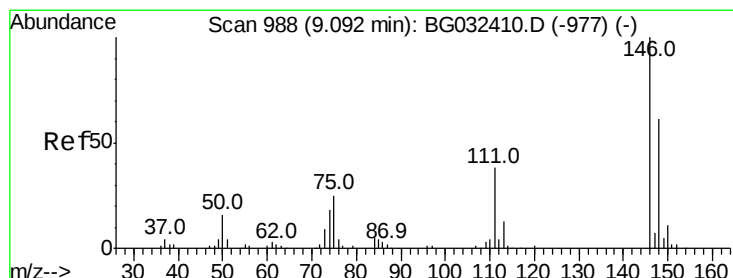
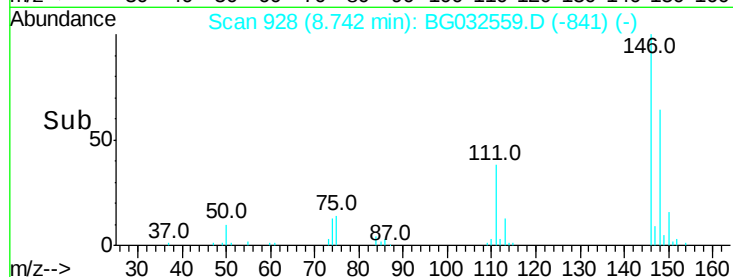
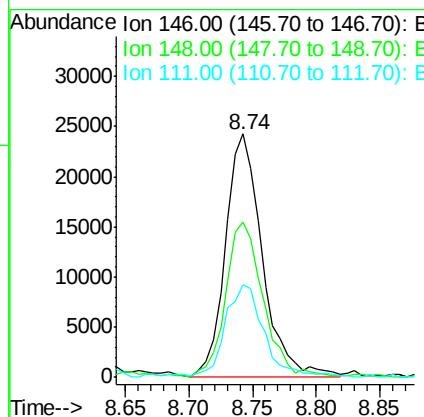
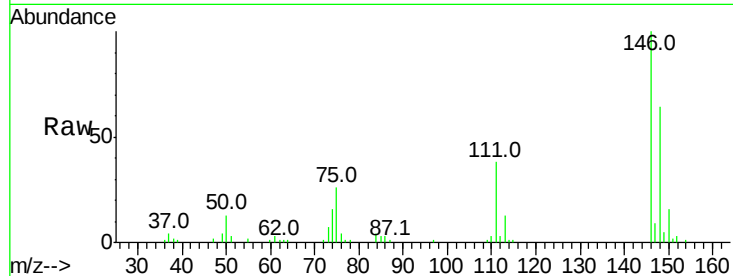
#13
 1,4-Dichlorobenzene
 Concen: 35.962 ng
 RT: 8.74 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Instrument :
 BNA_G
 ClientSampleId :
 PB106290BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	53.7	80.5
111	38.3	35.2	52.8

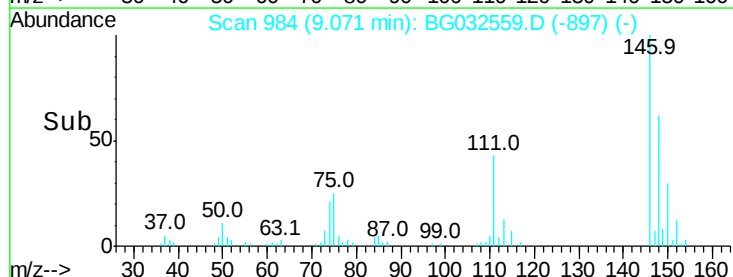
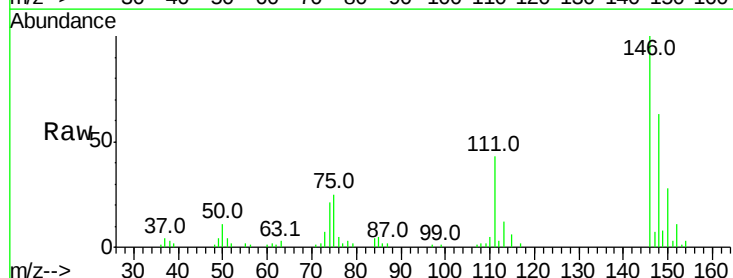
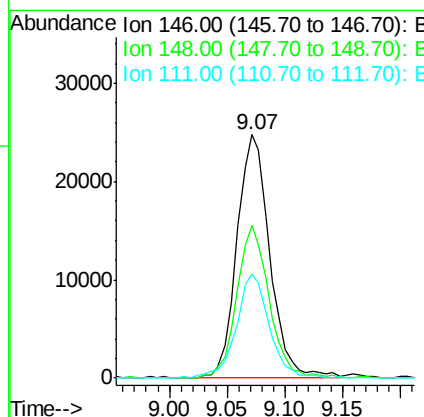
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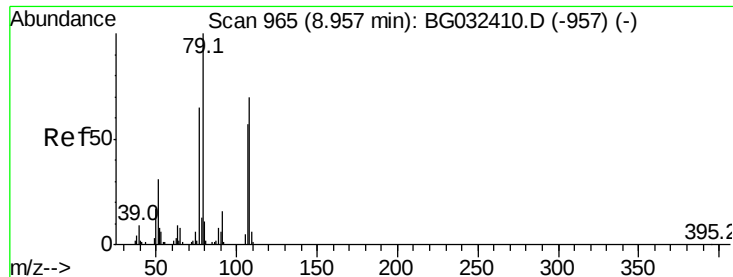
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 36.621 ng
 RT: 9.07 min Scan# 984
 Delta R.T. -0.02 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	49.3	73.9
111	42.6	34.3	51.5





#15

Benzyl Alcohol

Concen: 31.722 ng

RT: 8.95 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

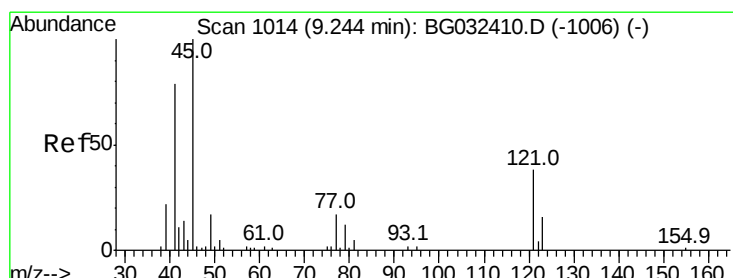
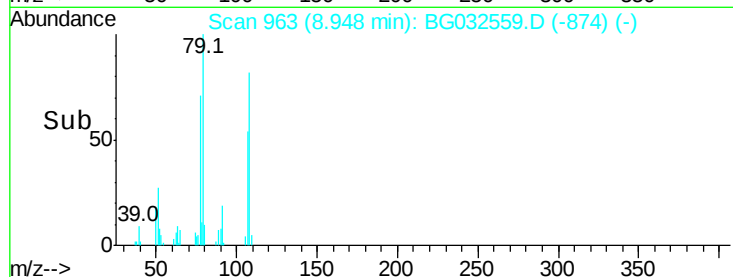
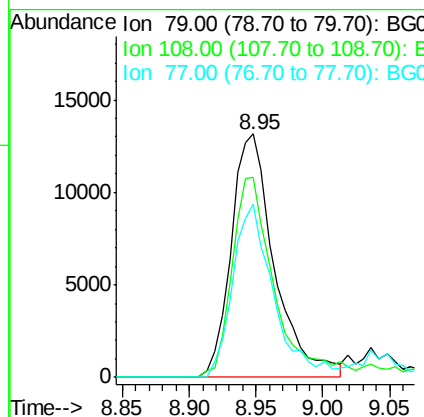
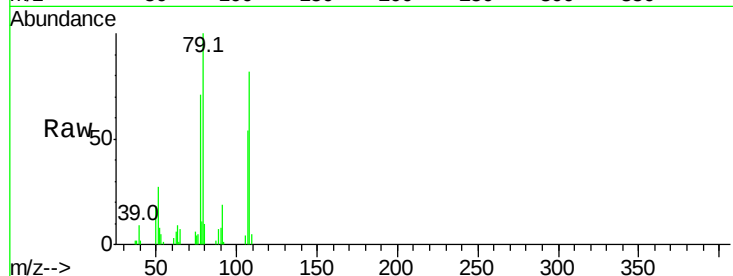
ClientSampleId :

PB106290BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.4	57.2	85.8
77	71.1	46.1	69.1#

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.080 ng

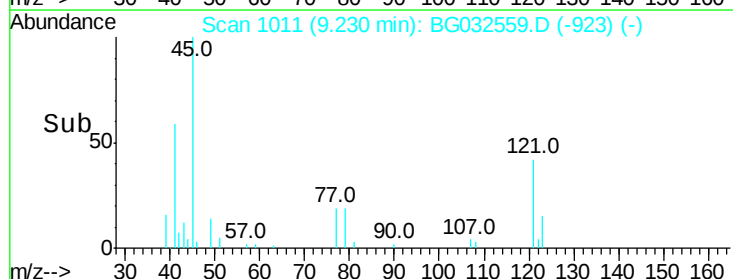
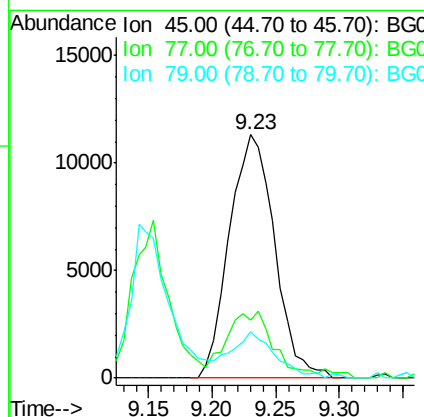
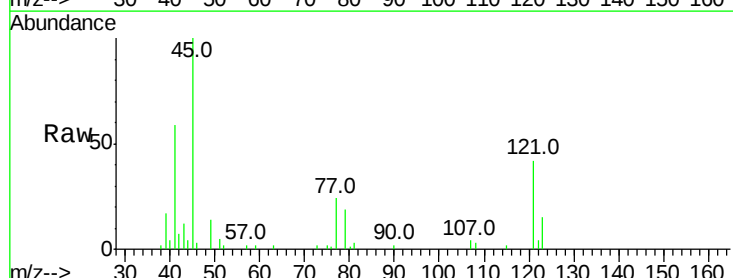
RT: 9.23 min Scan# 1011

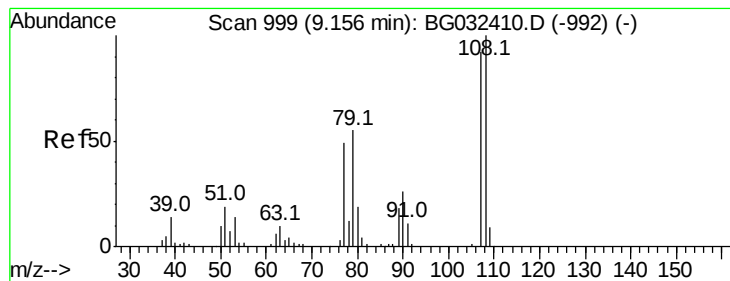
Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.7	0.0	30.2
79	19.0	0.0	27.9





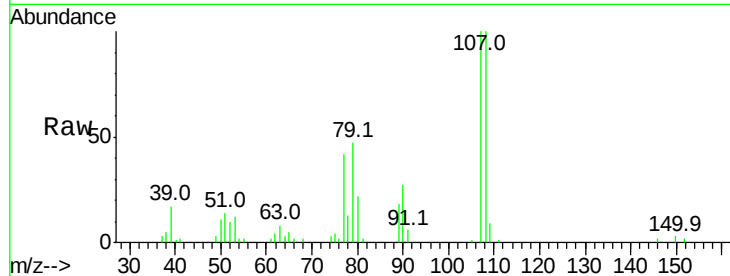
#17
2-Methylphenol
Concen: 35.451 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampleId :
PB106290BS

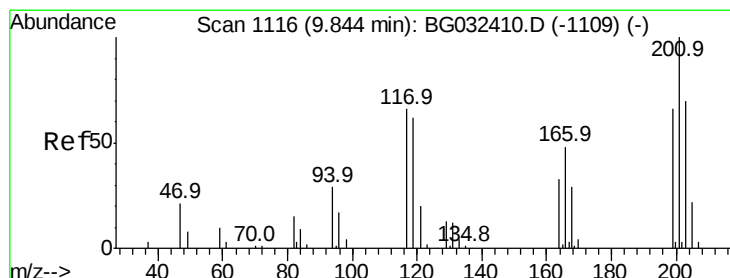
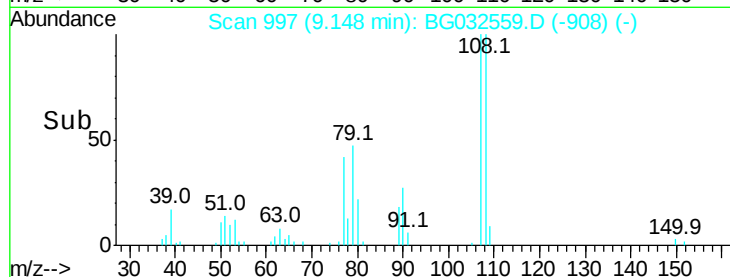
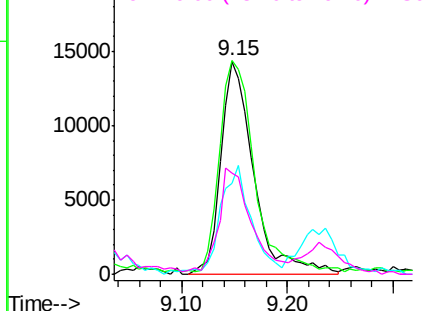
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	100.4	83.9	125.9	
77	42.5	37.2	55.8	
79	47.4	36.2	54.2	

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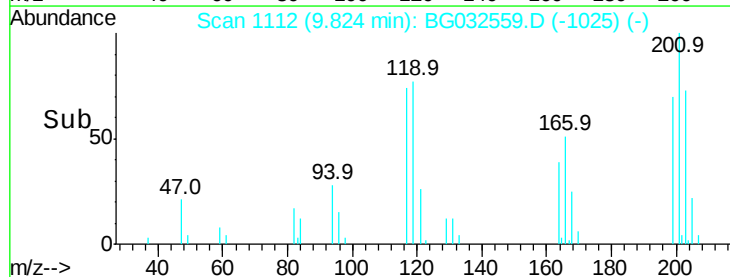
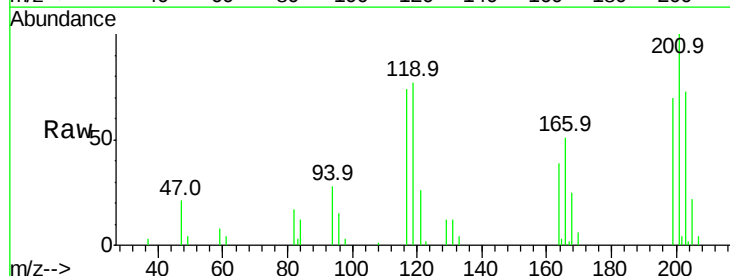
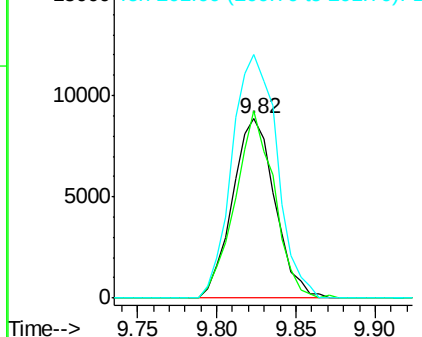
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

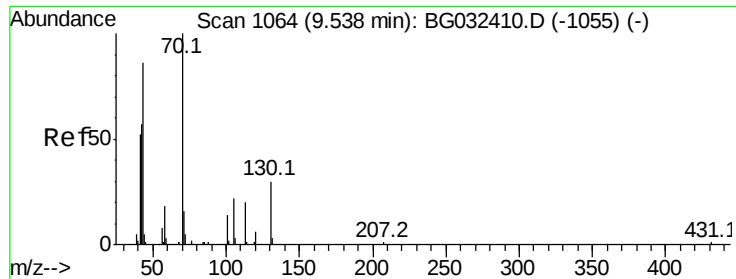


#18
Hexachloroethane
Concen: 36.006 ng
RT: 9.82 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	104.2	76.7	115.1	
201	135.7	95.7	143.5	

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





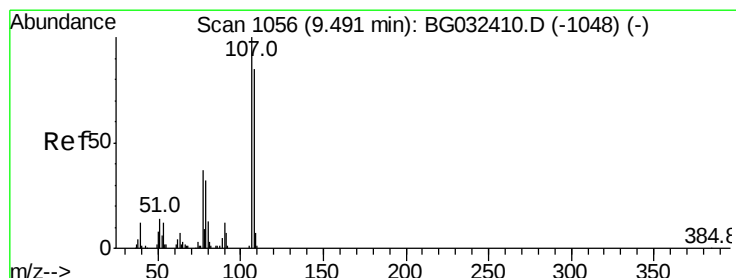
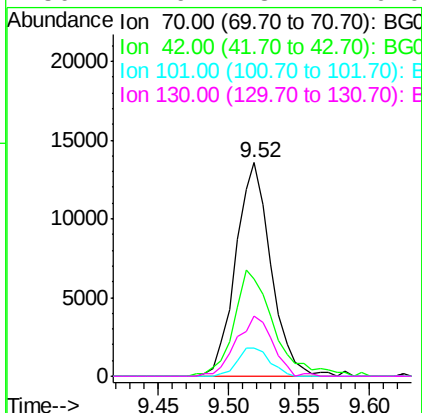
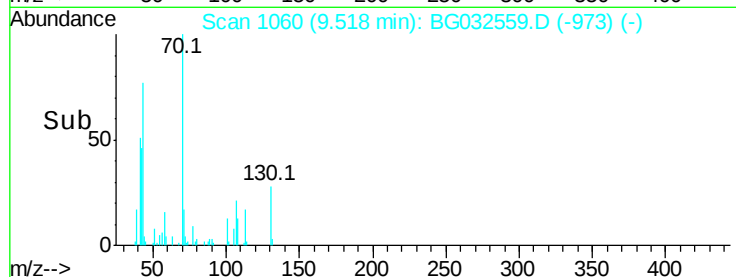
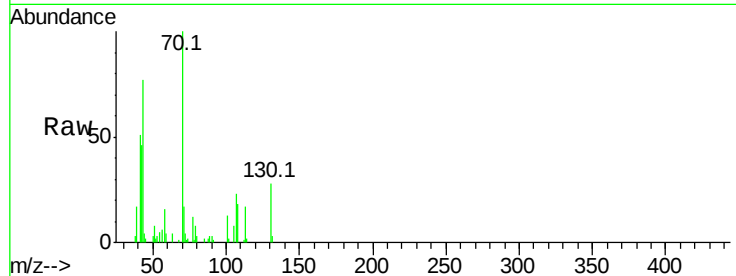
#19
n-Nitroso-di-n-propylamine
Concen: 31.555 ng
RT: 9.52 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampleId :
PB106290BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	45.5	49.1	73.7#		
101	13.1	8.5	12.7#		
130	27.9	13.4	20.0#		

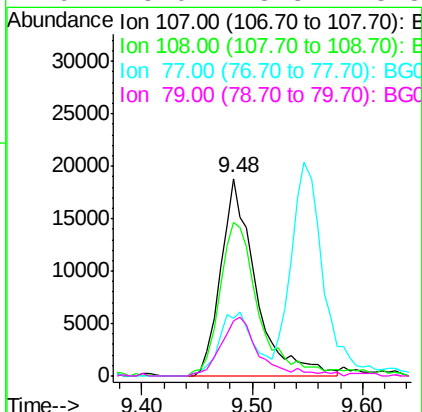
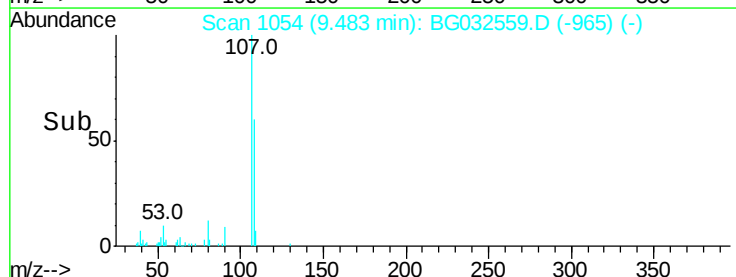
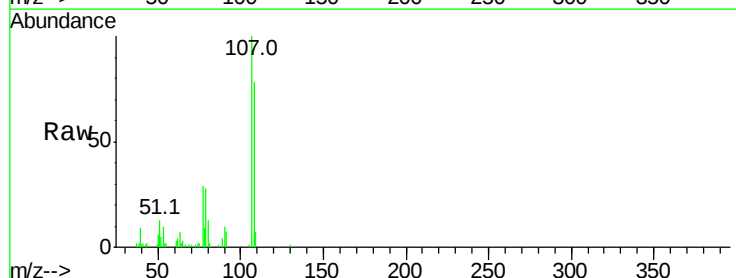
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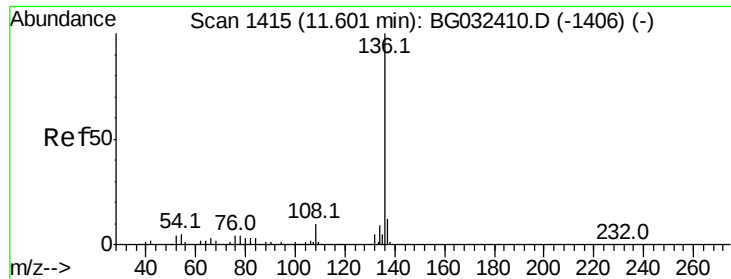
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#20
3+4-Methylphenols
Concen: 33.814 ng
RT: 9.48 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	77.8	61.6	101.6		
77	29.2	13.9	53.9		
79	28.0	8.8	48.8		





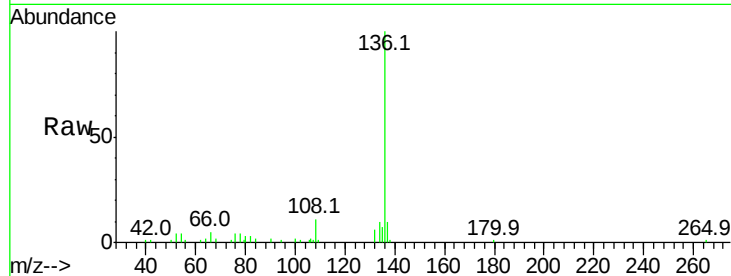
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampleId :
PB106290BS

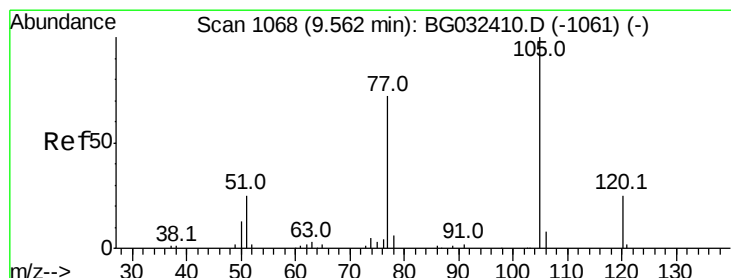
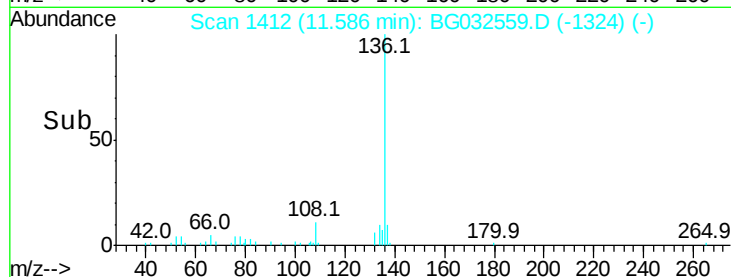
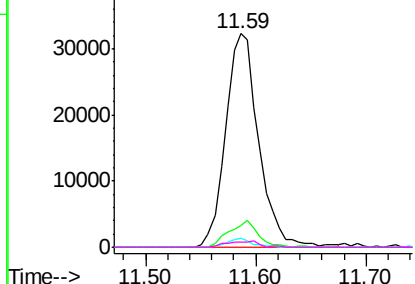
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.3	9.2	13.8	
54	4.2	10.3	15.5#	
68	2.2	4.5	6.7#	

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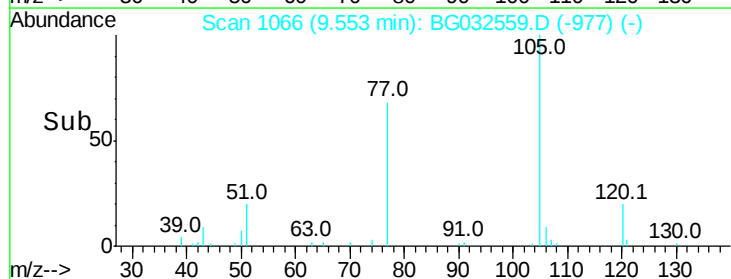
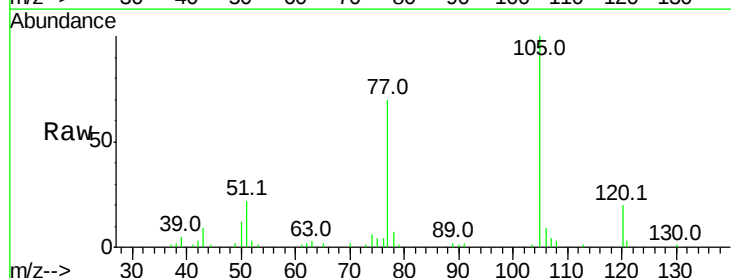
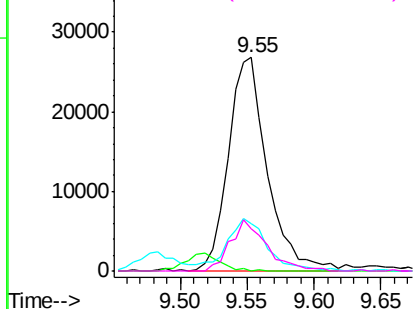
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 34.402 ng
RT: 9.55 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	3.0	4.4#	
51	22.1	26.1	39.1#	
120	19.8	17.4	26.2	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





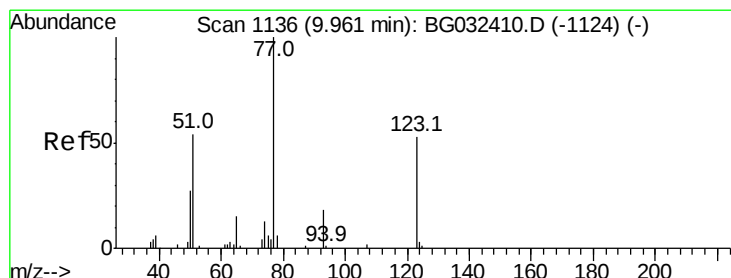
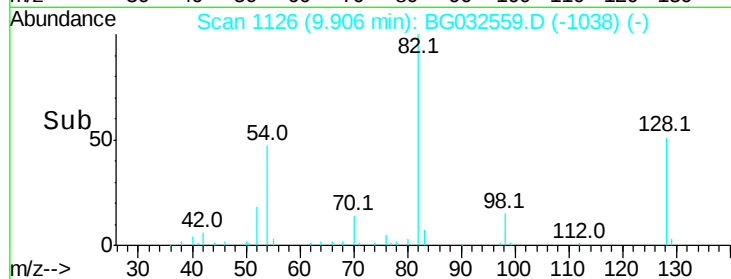
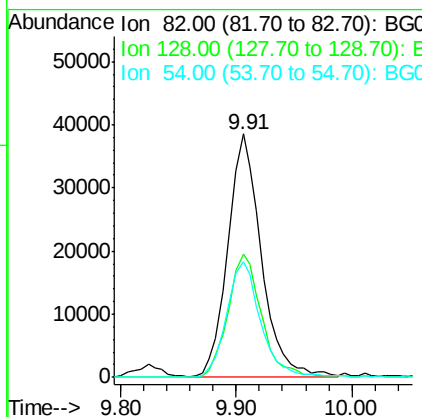
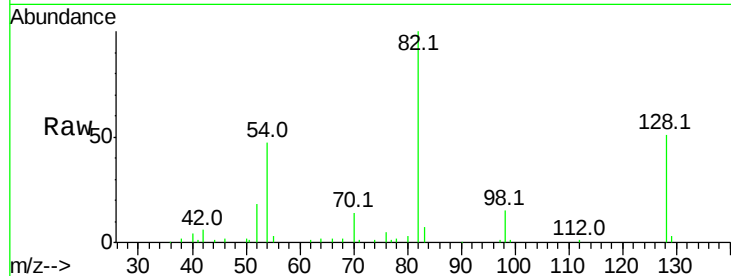
#23
Nitrobenzene-d5
Concen: 71.770 ng
RT: 9.91 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampled :
PB106290BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.6	29.7	44.5#
54	47.5	43.1	64.7

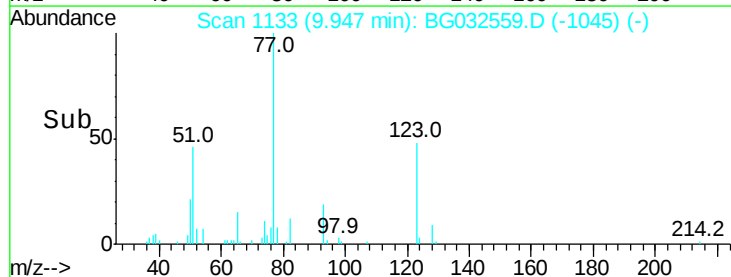
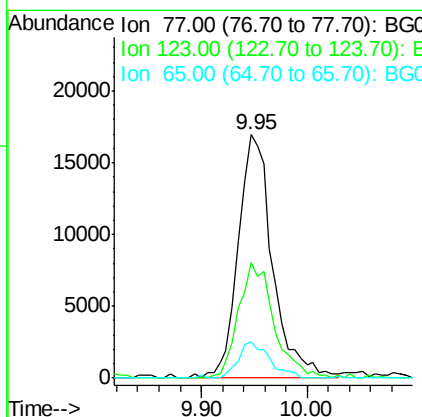
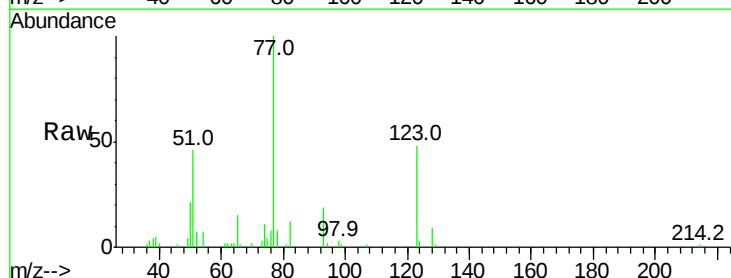
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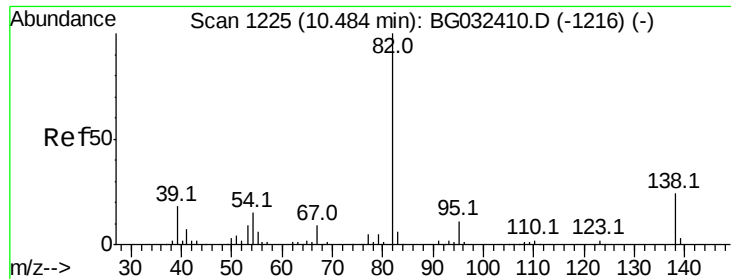
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#24
Nitrobenzene
Concen: 36.606 ng
RT: 9.95 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	33.0	49.6
65	15.0	13.0	19.6





#25

Isophorone

Concen: 37.879 ng

RT: 10.47 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

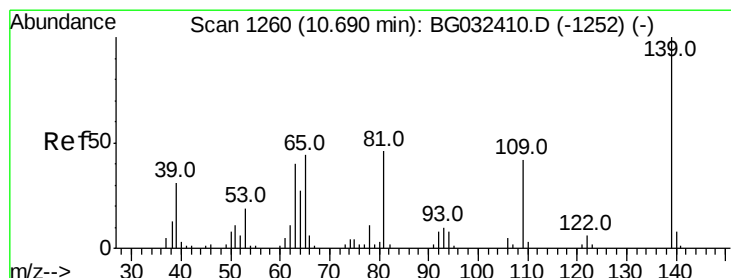
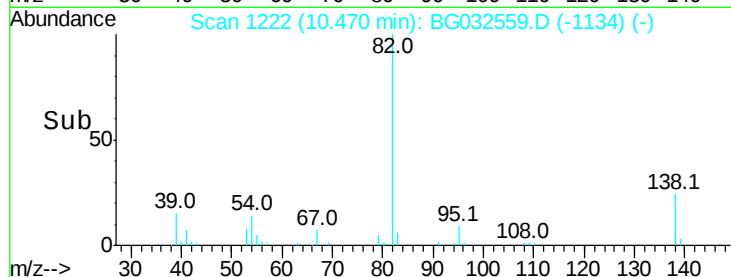
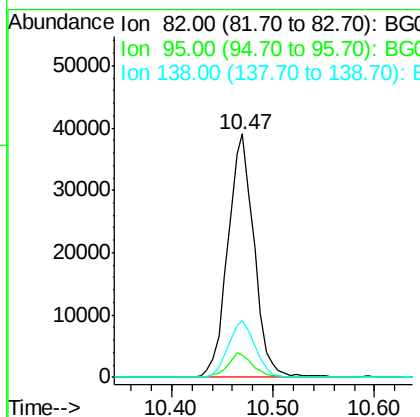
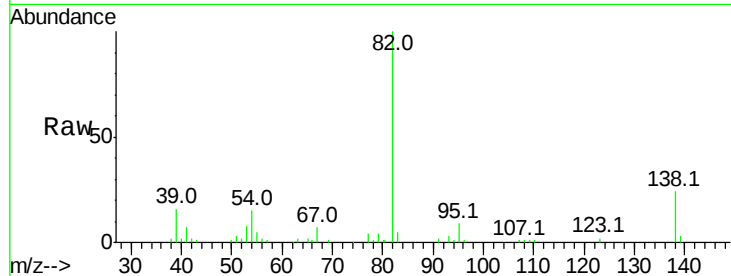
ClientSampled :

PB106290BS

Tot Ion	82	Resp	69824
Ion Ratio	Lower	Upper	
82	100		
95	9.1	6.2	9.2
138	23.5	12.1	18.1#

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#26

2-Nitrophenol

Concen: 40.186 ng

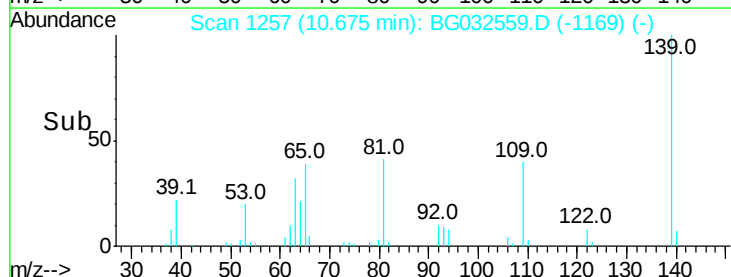
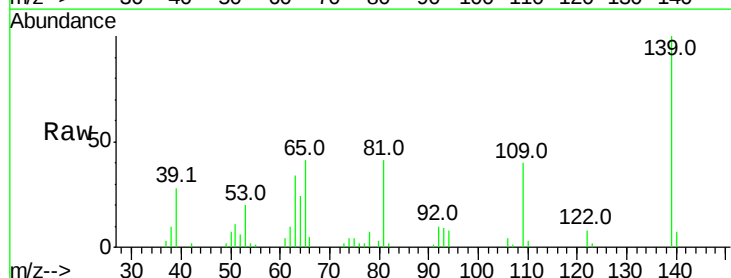
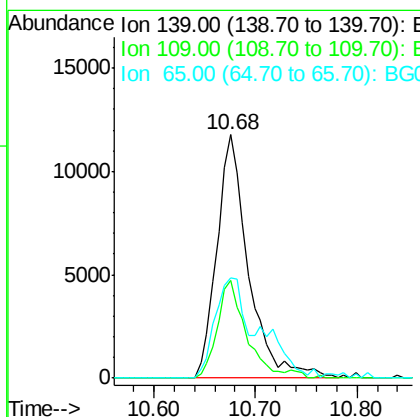
RT: 10.68 min Scan# 1257

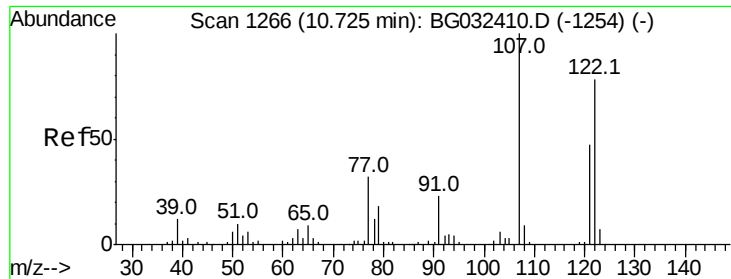
Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Tgt Ion	139	Resp	25430
Ion Ratio	Lower	Upper	
139	100		
109	40.0	24.2	36.2#
65	41.1	47.4	71.0#





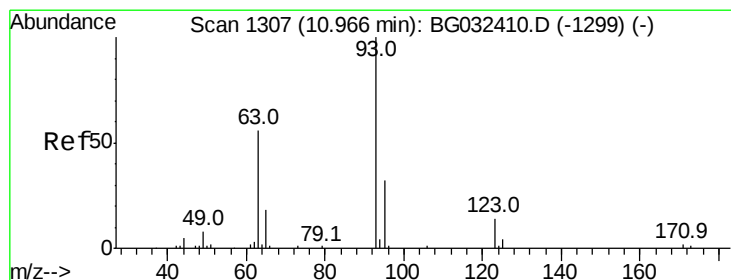
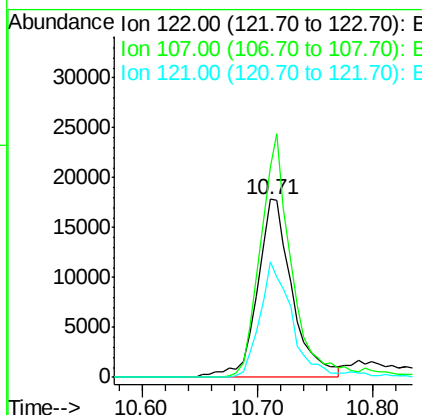
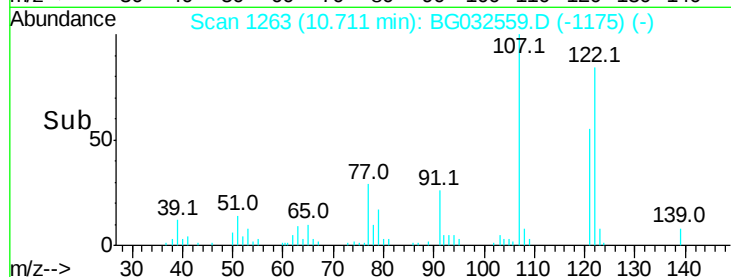
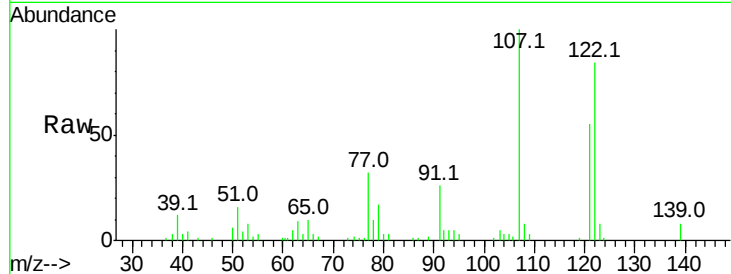
#27
2,4-Dimethylphenol
Concen: 41.235 ng
RT: 10.71 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampleId :
PB106290BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.4	100.2	150.2
121	65.0	44.4	66.6

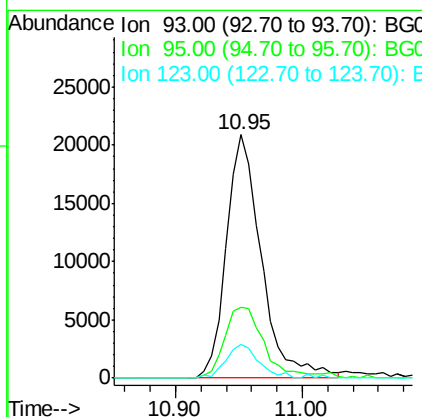
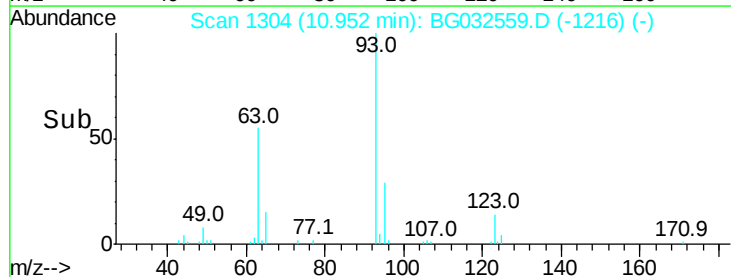
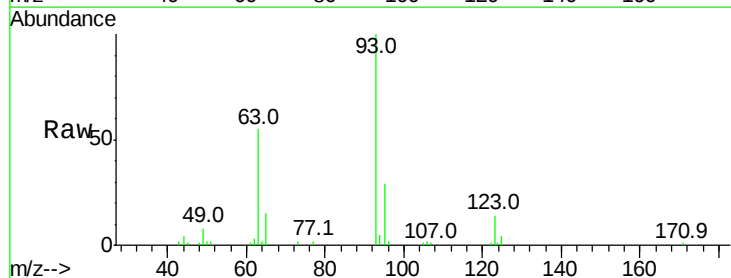
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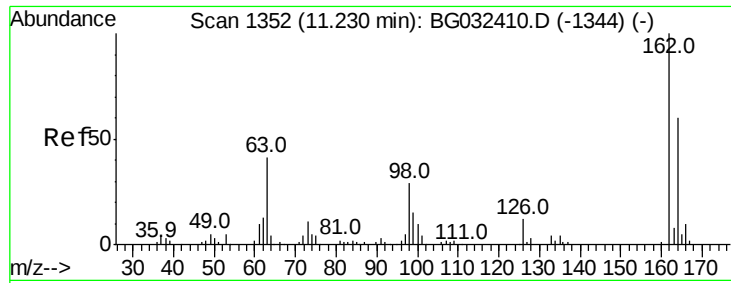
Sohil
2/6/2018 2:35:11 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.409 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	28.9	24.3	36.5
123	13.8	8.4	12.6





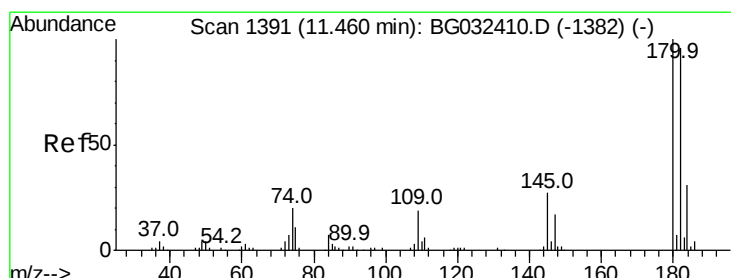
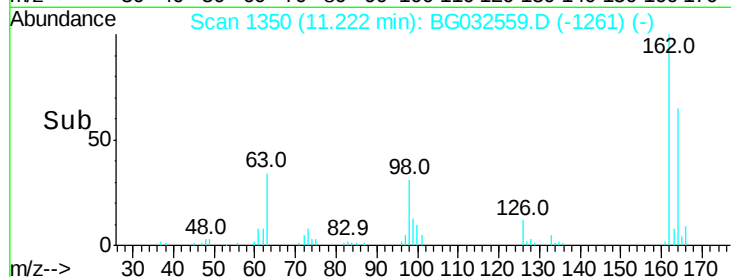
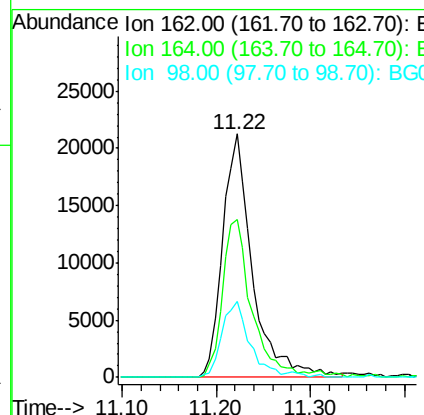
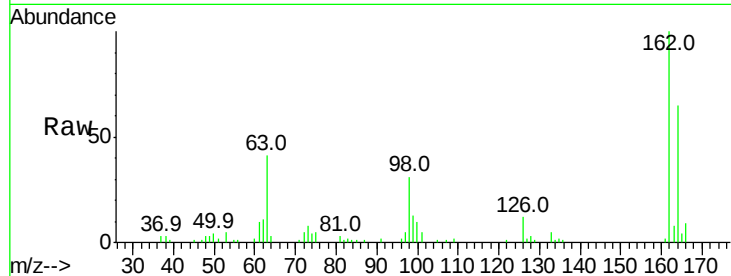
#29
 2,4-Dichlorophenol
 Concen: 39.147 ng
 RT: 11.22 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Instrument :
 BNA_G
 ClientSampleId :
 PB106290BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.7	48.0	88.0
98	31.4	21.1	61.1

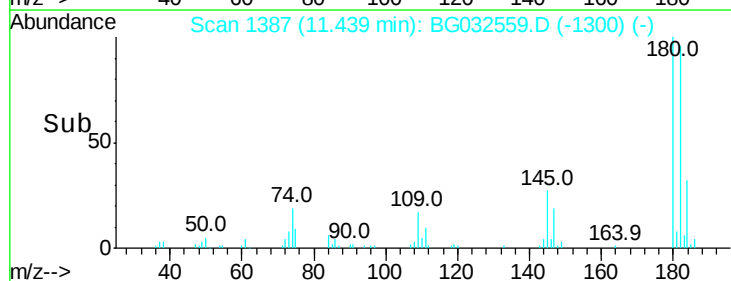
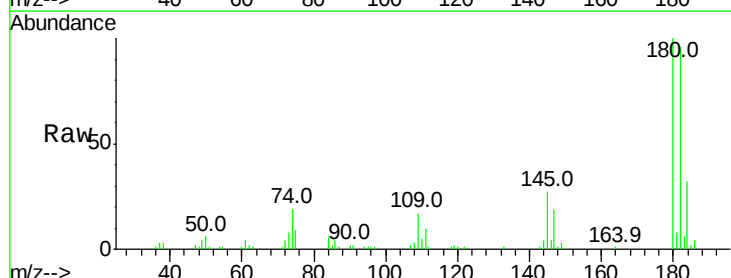
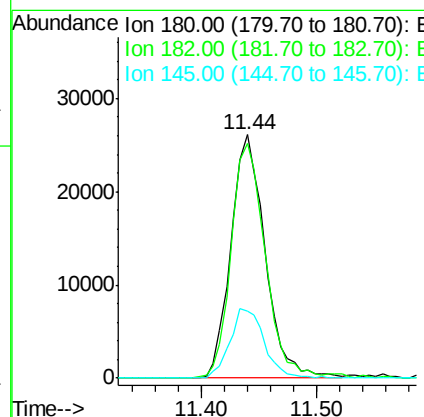
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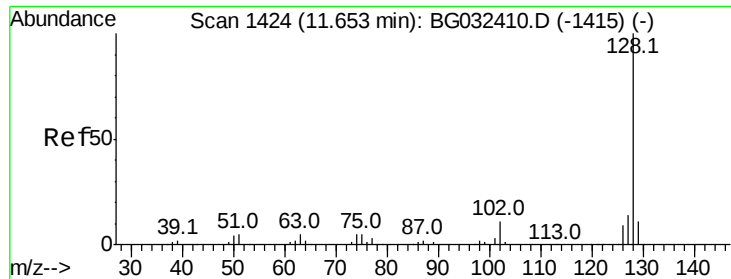
Sohil
 2/6/2018 2:35:11 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 33.454 ng
 RT: 11.44 min Scan# 1387
 Delta R.T. -0.02 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.4	77.5	116.3
145	27.4	23.4	35.2





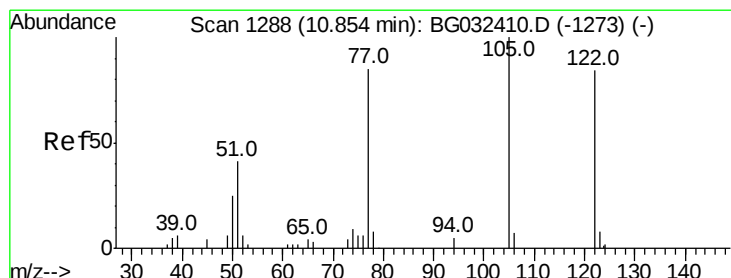
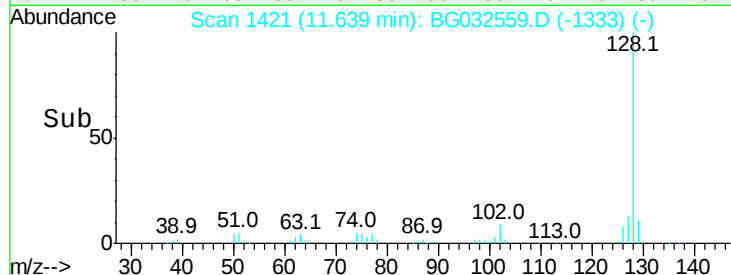
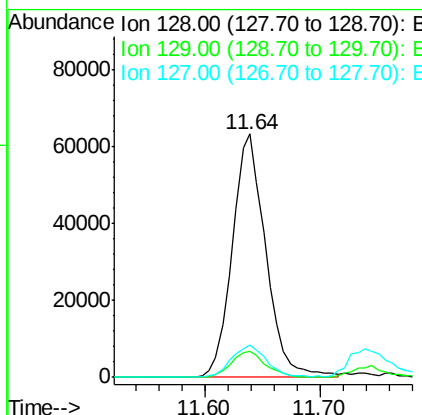
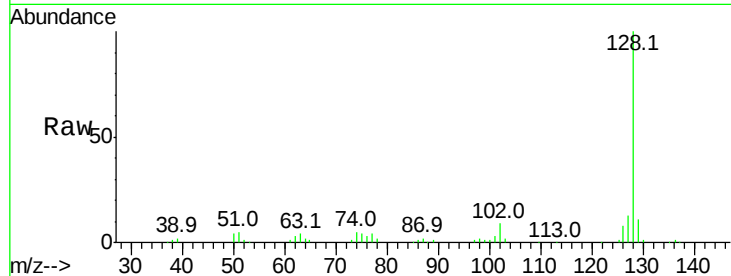
#31
Naphthalene
Concen: 38.466 ng
RT: 11.64 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampleId :
PB106290BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.4	11.6	17.4

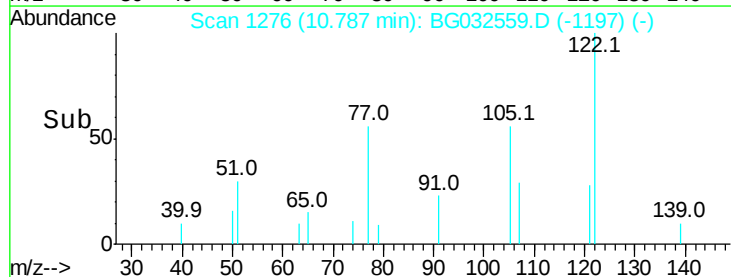
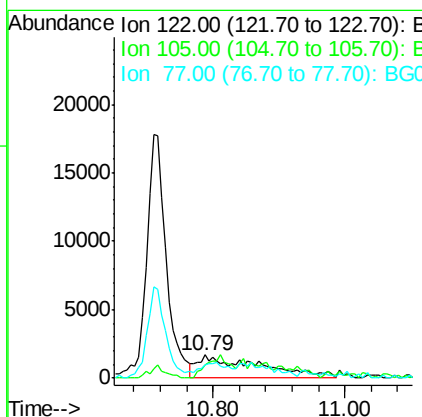
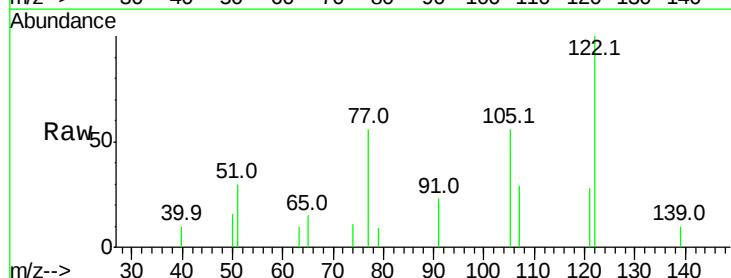
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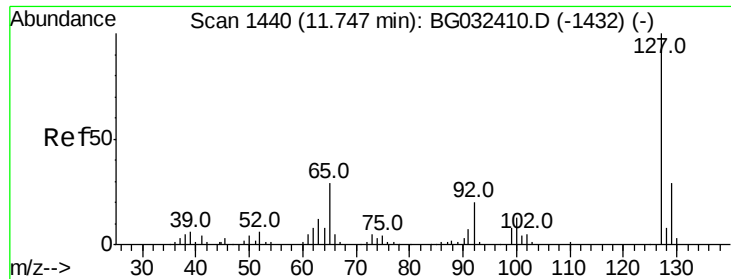
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#32
Benzoic acid
Concen: 21.246 ng m
RT: 10.79 min Scan# 1276
Delta R.T. -0.07 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	55.6	123.5	163.5#
77	55.6	85.7	125.7#





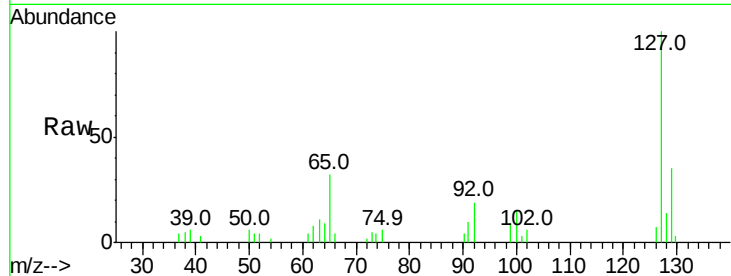
#33
4-Chloroaniline
Concen: 13.649 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampleId :
PB106290BS

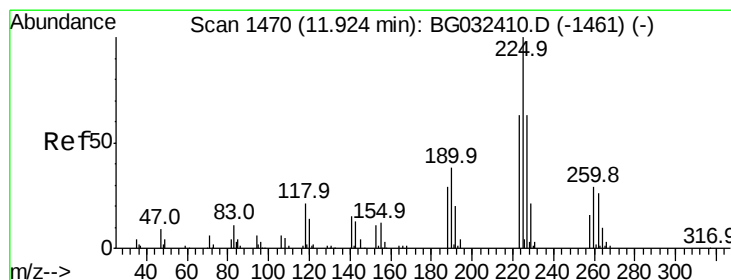
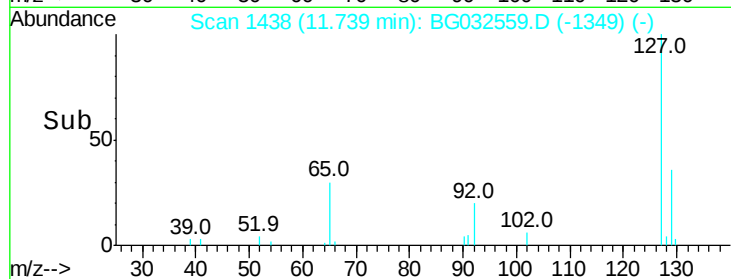
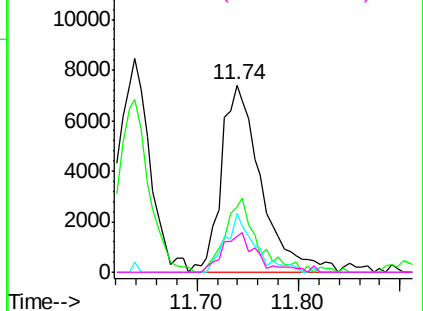
Tot Ion	Ratio	Lower	Upper
127	100		
129	34.9	24.0	36.0
65	31.6	27.0	40.4
92	19.2	16.6	25.0

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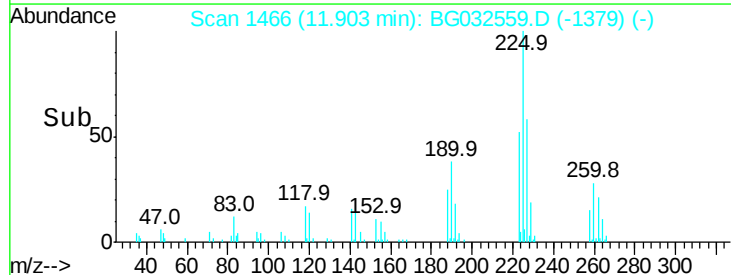
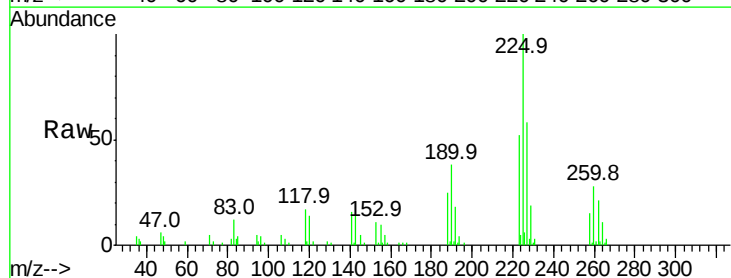
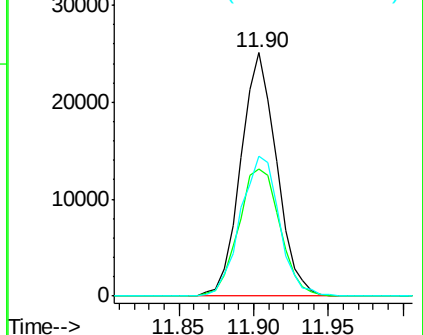
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

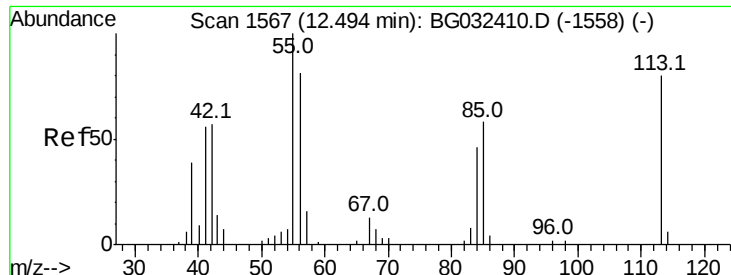


#34
Hexachlorobutadiene
Concen: 33.428 ng
RT: 11.90 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	52.2	49.7	74.5
227	57.5	48.1	72.1

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





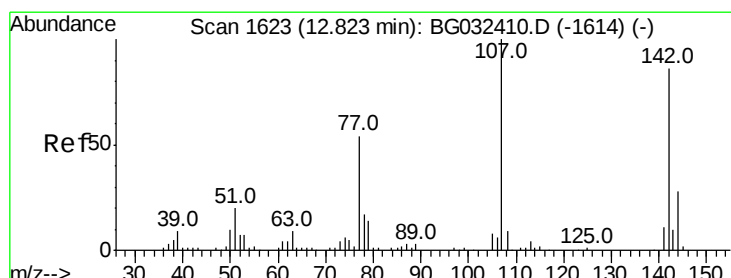
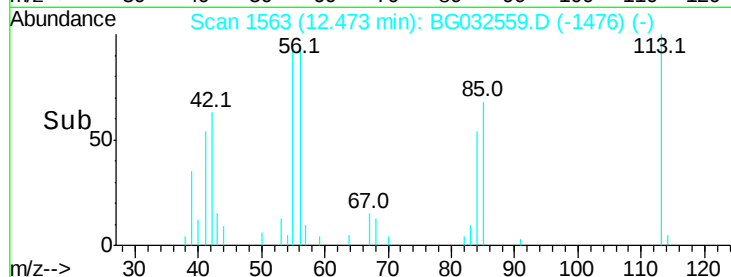
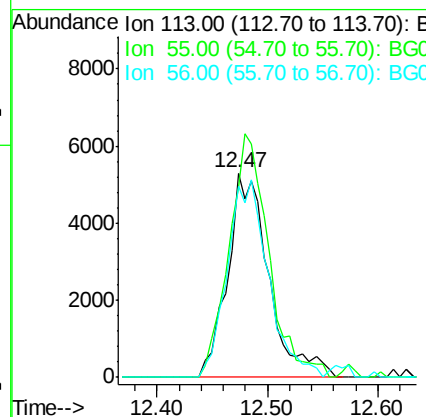
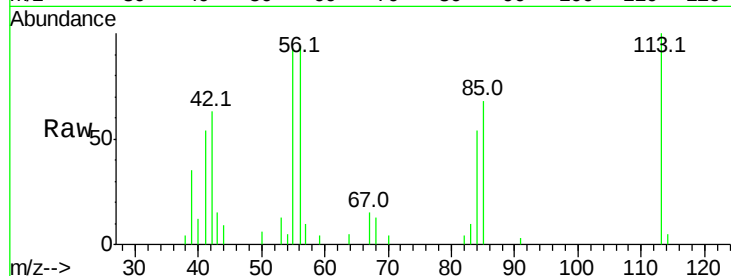
#35
 Caprolactam
 Concen: 39.854 ng
 RT: 12.47 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Instrument :
 BNA_G
 ClientSampleId :
 PB106290BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	92.9	186.9	226.9#
56	93.8	130.9	170.9#

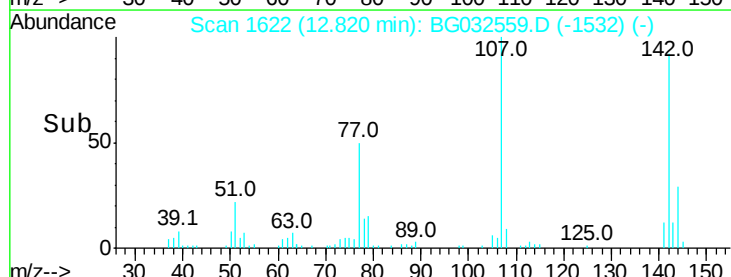
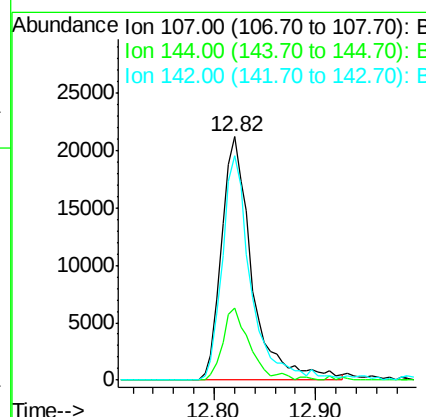
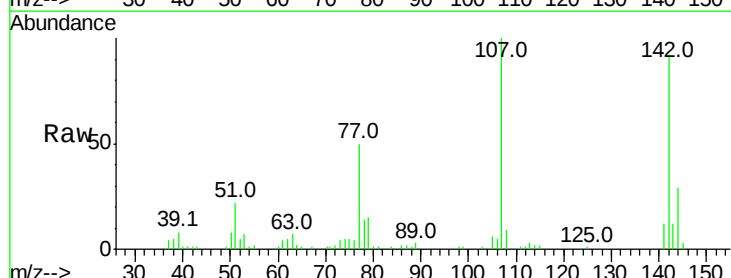
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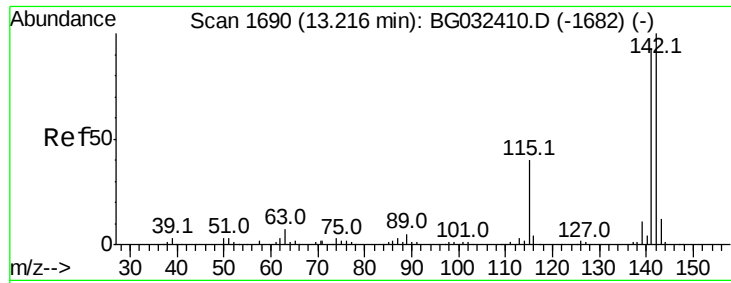
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#36
 4-Chloro-3-methylphenol
 Concen: 38.857 ng
 RT: 12.82 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.5	18.2	27.4#
142	92.0	59.0	88.4#





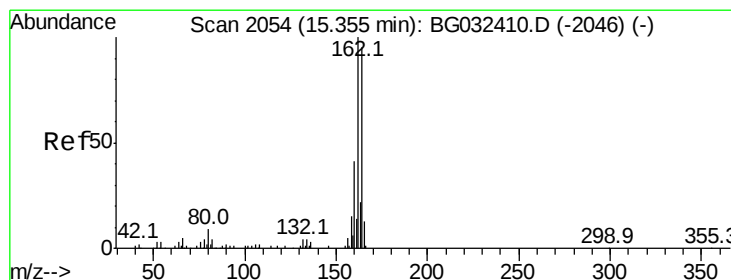
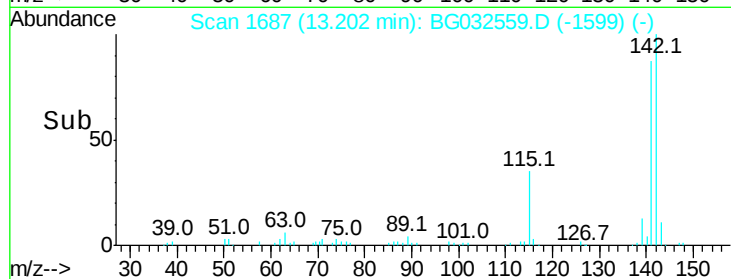
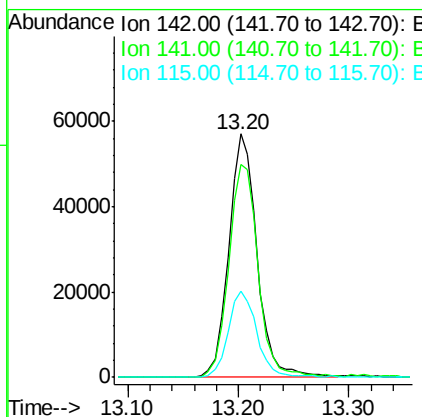
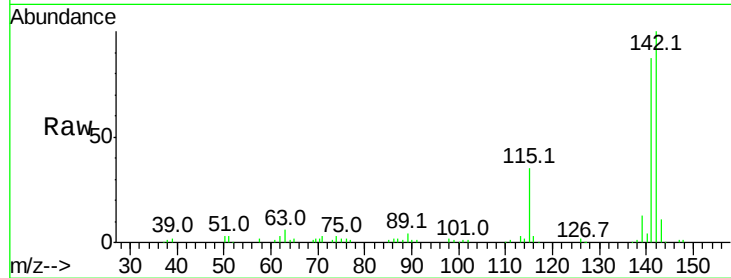
#37
2-Methylnaphthalene
Concen: 36.857 ng
RT: 13.20 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampleId :
PB106290BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	102261		
141	87.5	67.1	100.7	
115	35.4	30.7	46.1	

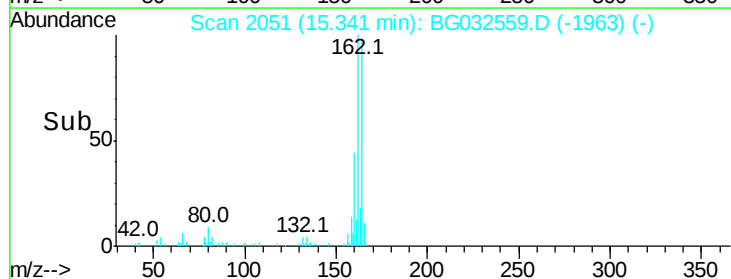
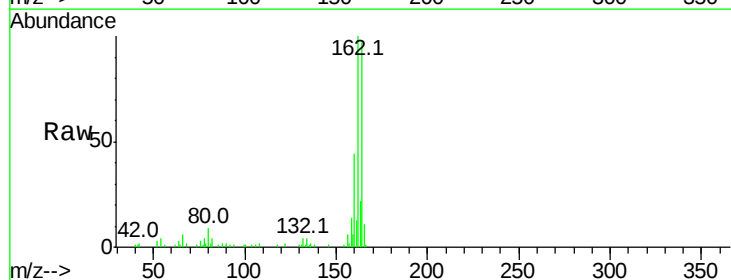
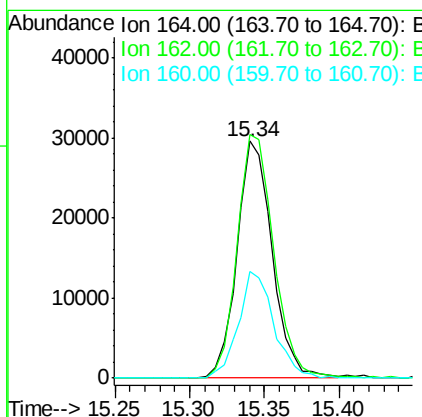
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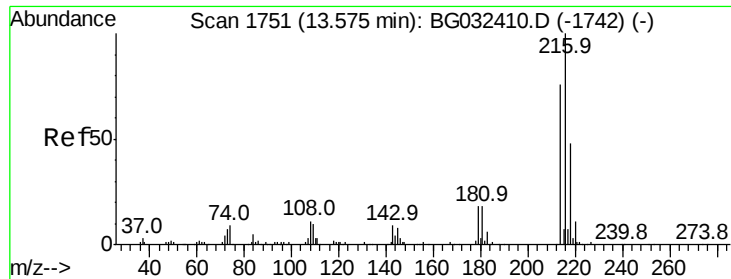
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	48422		
162	102.7	78.8	118.2	
160	45.0	35.4	53.0	





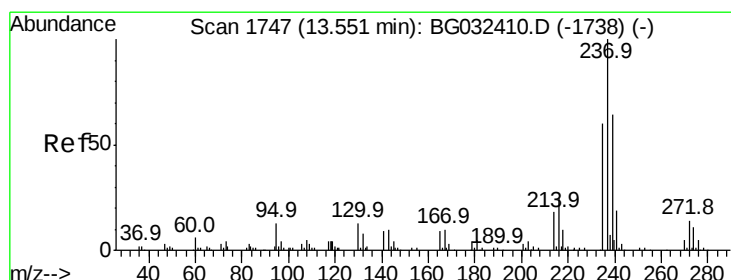
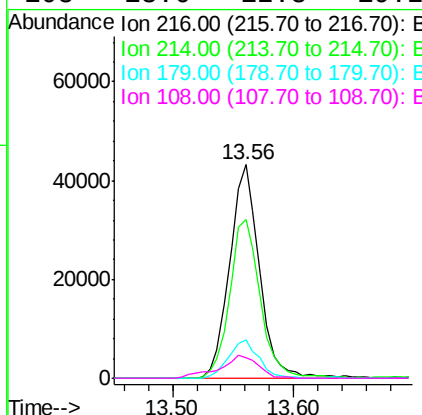
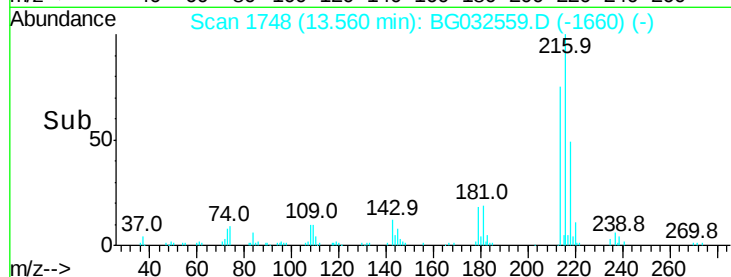
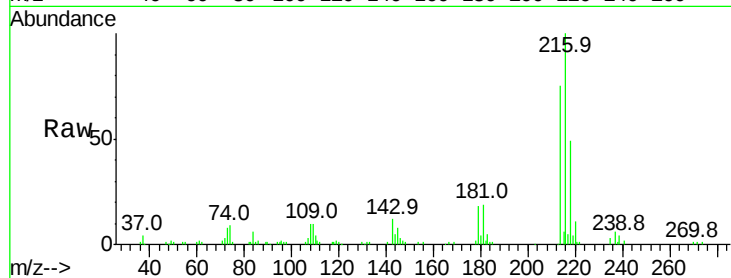
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.674 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Instrument :
 BNA_G
 ClientSampleId :
 PB106290BS

Tot Ion:	216	Resp:	74017
Ion Ratio		Lower	Upper
216	100		
214	76.8	63.0	94.4
179	18.1	17.0	25.6
108	13.6	12.8	19.2

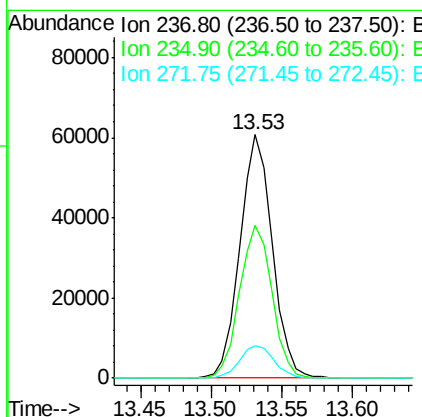
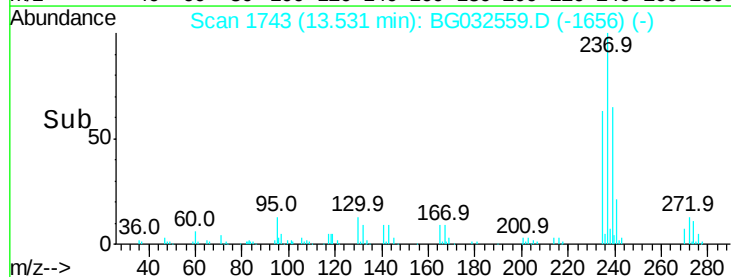
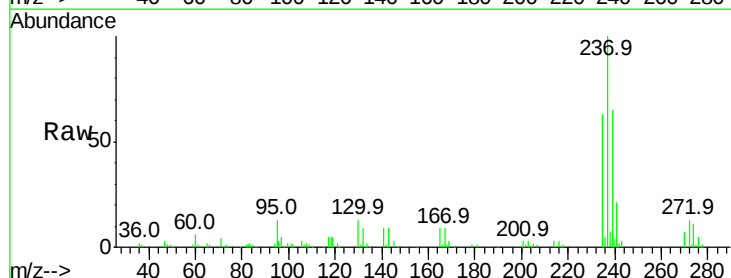
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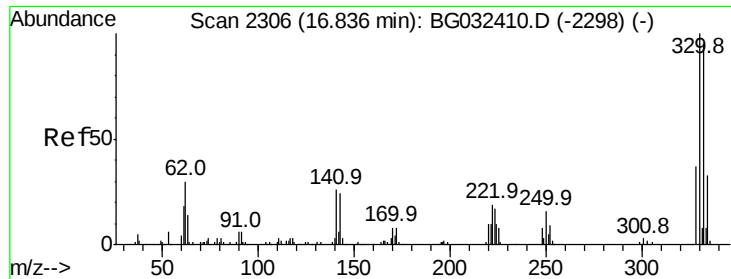
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#40
 Hexachlorocyclopentadiene
 Concen: 68.748 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.02 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion:	237	Resp:	97306
Ion Ratio		Lower	Upper
237	100		
235	62.6	50.4	90.4
272	13.5	0.0	31.8





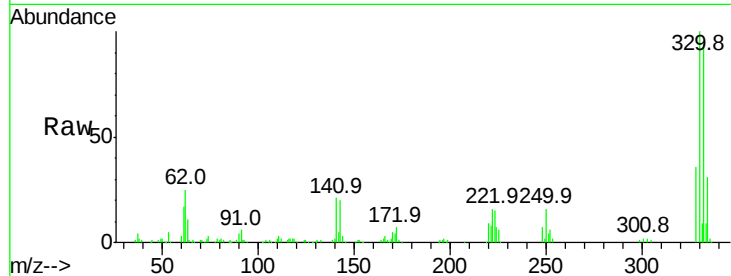
#41
 2,4,6-Tribromophenol
 Concen: 137.129 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Instrument :
 BNA_G
 ClientSampleId :
 PB106290BS

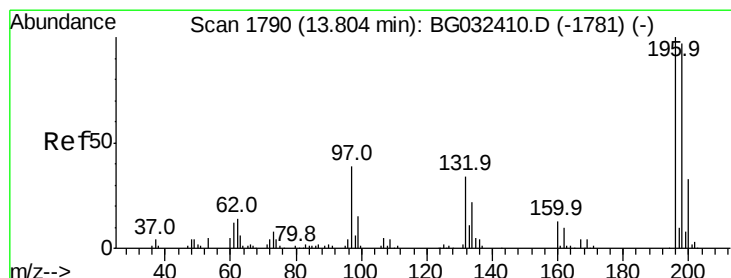
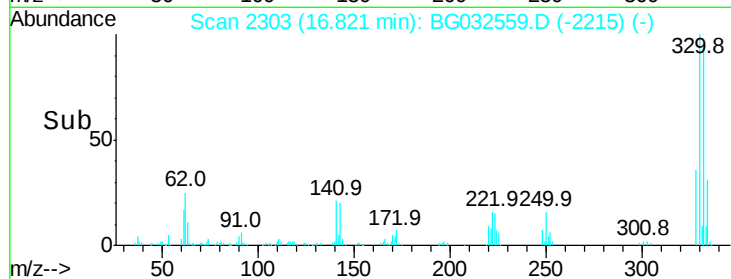
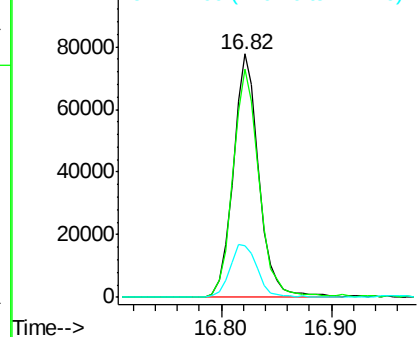
Tot Ion	Ratio	Resp	Lower	Upper
330	100	126394		
332	95.6	77.0	115.6	
141	23.5	25.2	37.8	

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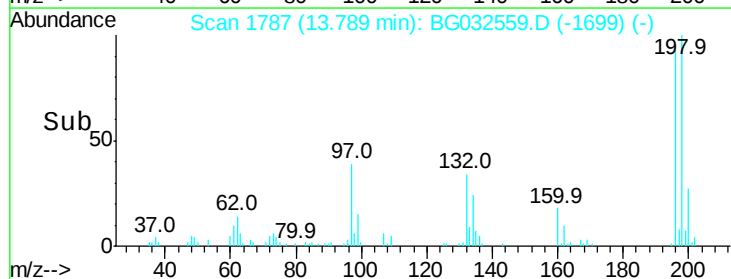
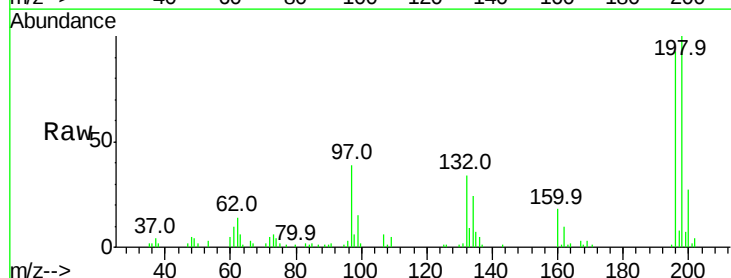
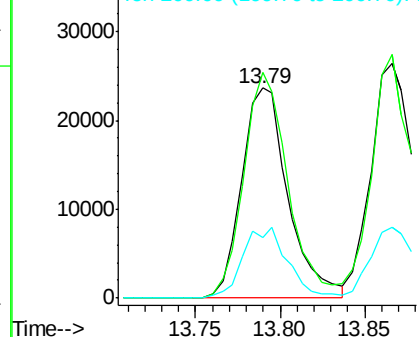
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

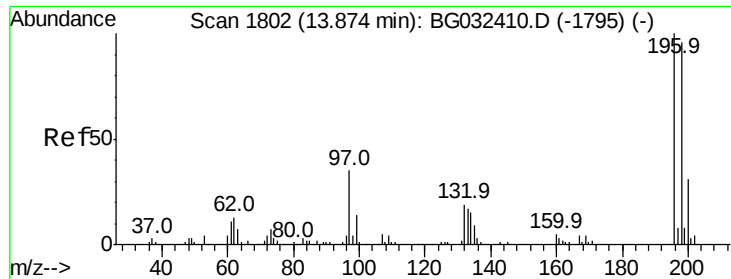


#42
 2,4,6-Trichlorophenol
 Concen: 36.815 ng
 RT: 13.79 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	45363		
198	107.2	78.2	117.2	
200	29.0	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





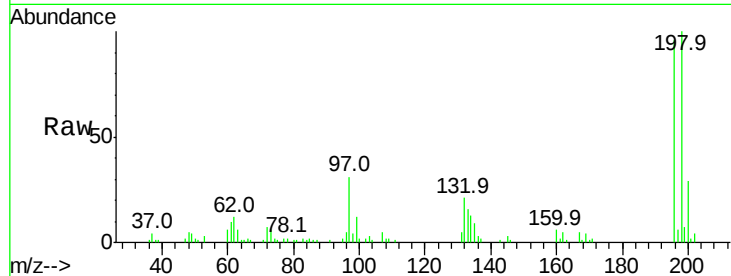
#43
 2,4,5-Trichlorophenol
 Concen: 35.639 ng
 RT: 13.87 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Instrument :
 BNA_G
 ClientSampleId :
 PB106290BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	51192		
198	103.8	76.2	114.4	
97	32.7	38.7	58.1	#
132	21.7	20.2	30.2	

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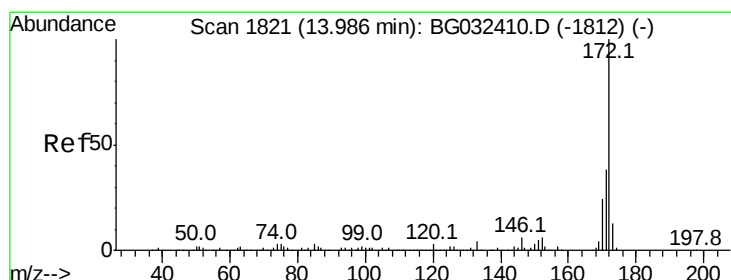
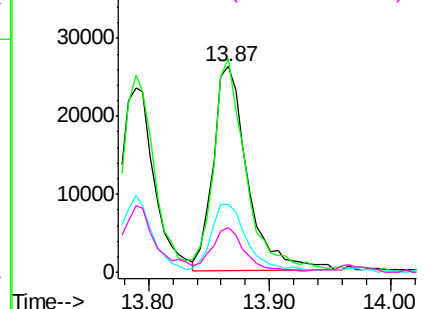
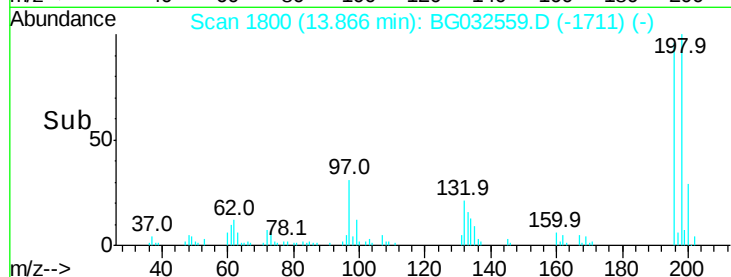
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

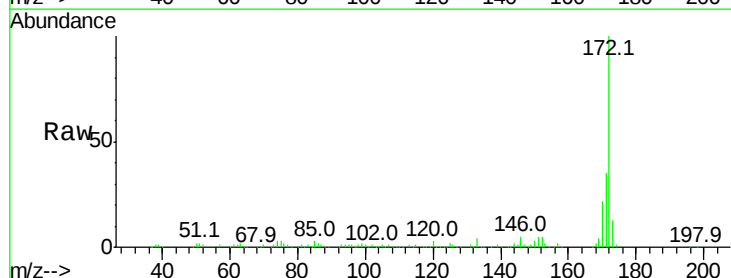
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.423 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	290976		
171	35.1	30.0	45.0	
170	22.5	19.5	29.3	

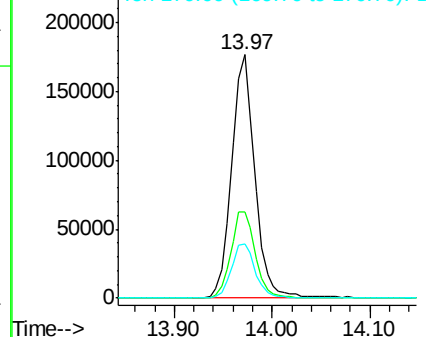
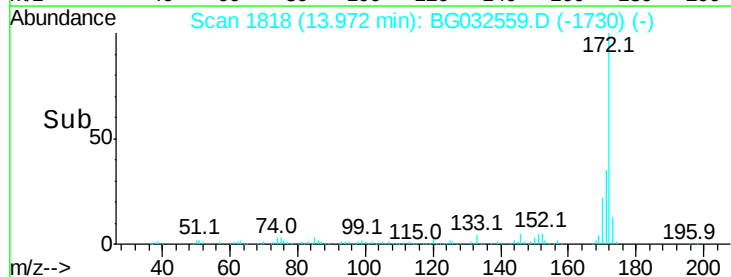


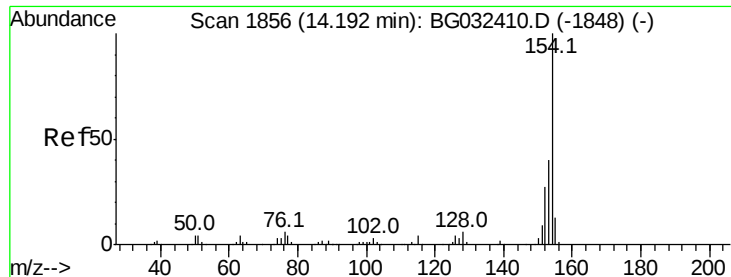
Abundance

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





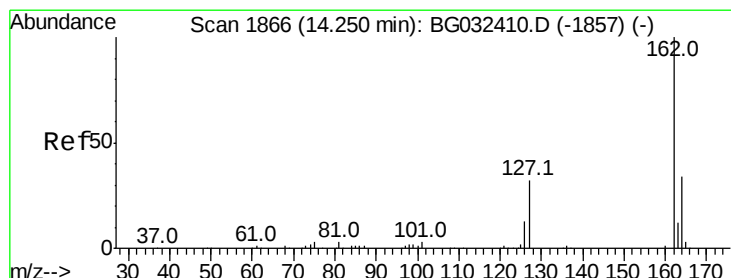
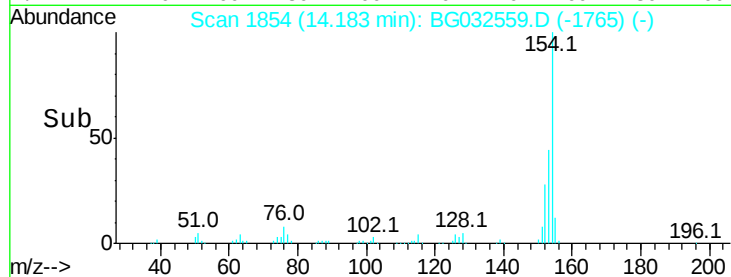
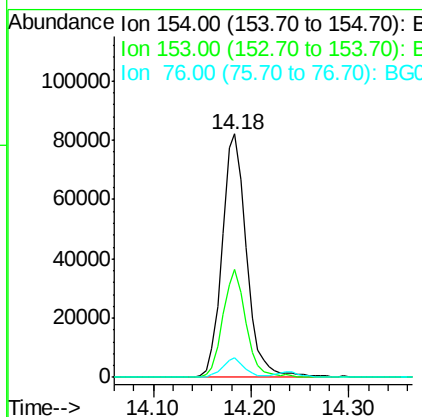
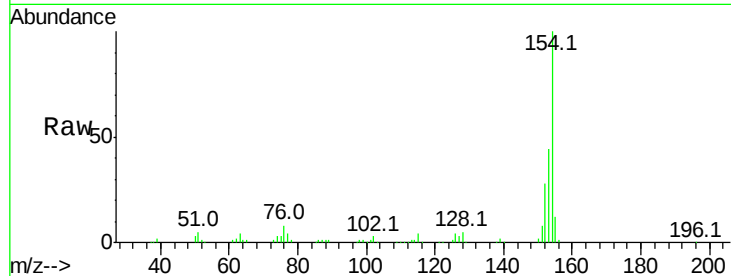
#45
 1,1'-Biphenyl
 Concen: 34.897 ng
 RT: 14.18 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Instrument :
 BNA_G
 ClientSampled :
 PB106290BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	44.1	19.8	59.8	
76	8.1	0.0	31.9	

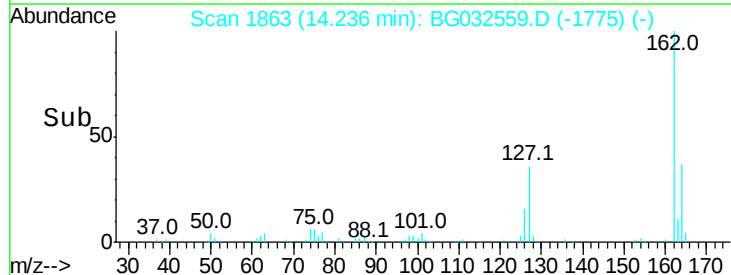
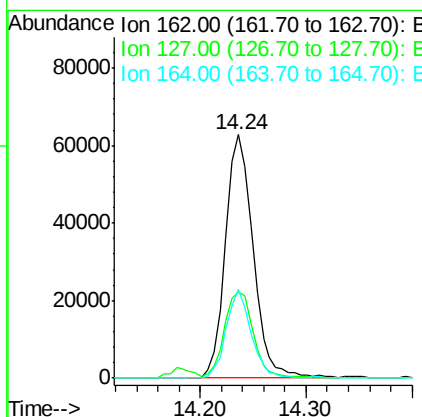
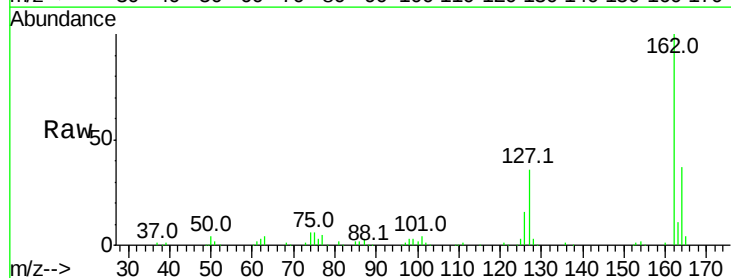
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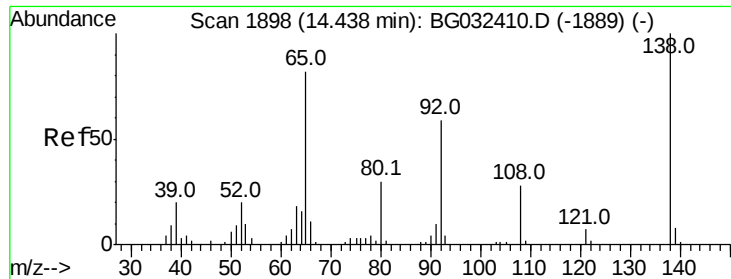
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#46
 2-Chloronaphthalene
 Concen: 35.721 ng
 RT: 14.24 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	35.6	30.7	46.1	
164	36.6	26.0	39.0	





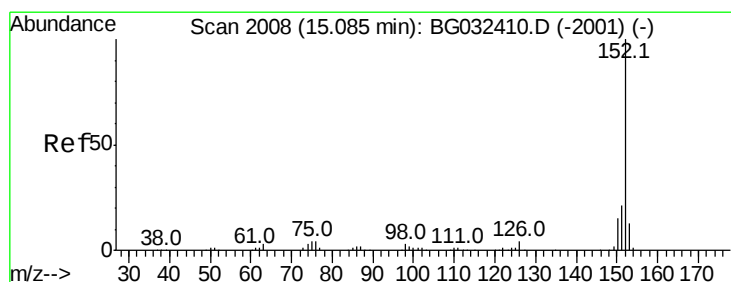
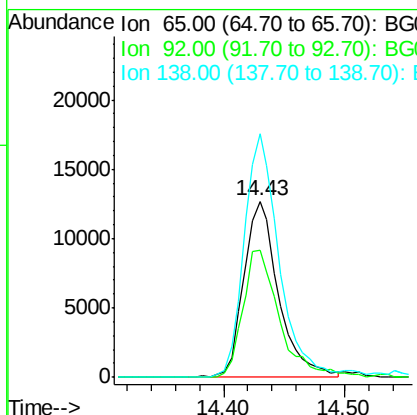
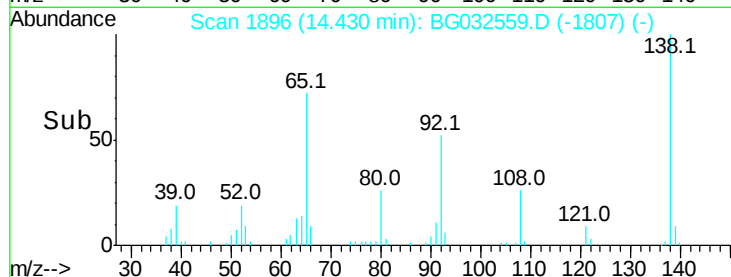
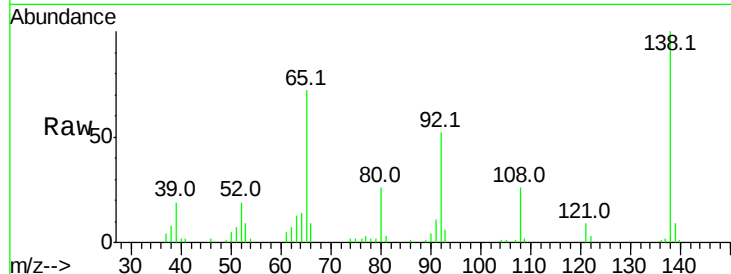
#47
 2-Nitroaniline
 Concen: 36.104 ng
 RT: 14.43 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Instrument :
 BNA_G
 ClientSampleId :
 PB106290BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.5	54.6	82.0
138	138.3	72.9	109.3

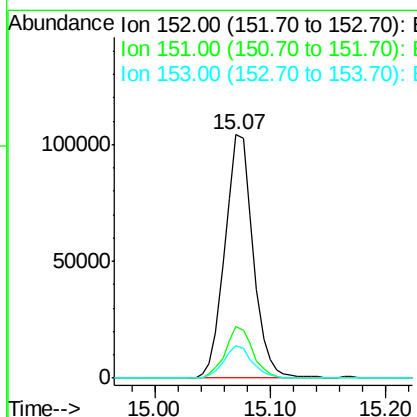
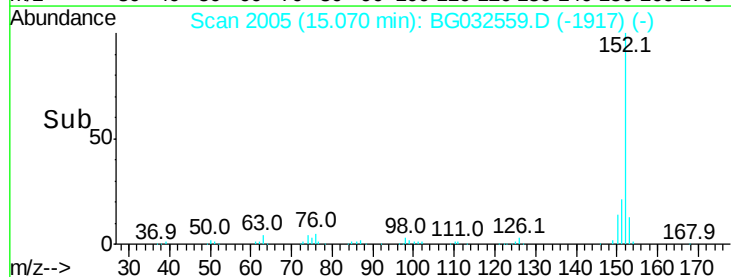
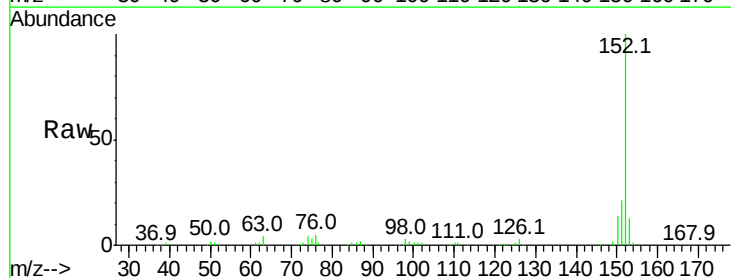
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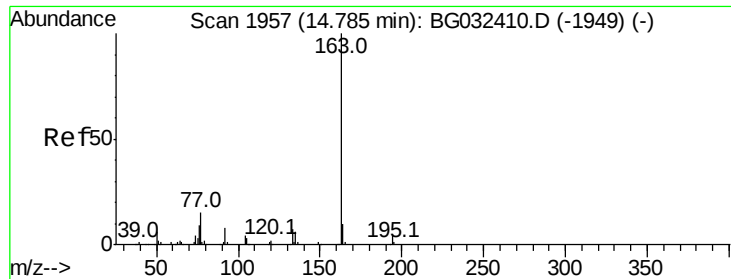
Sohil
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#48
 Acenaphthylene
 Concen: 36.522 ng
 RT: 15.07 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.2	25.8
153	13.1	10.2	15.4





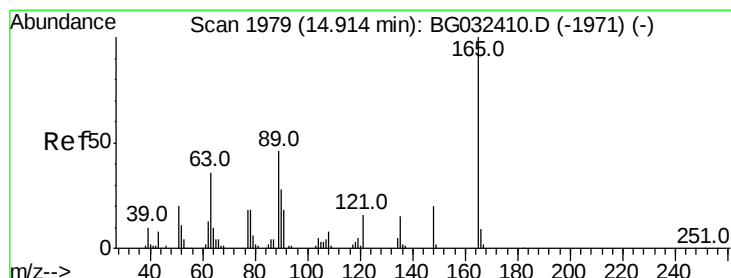
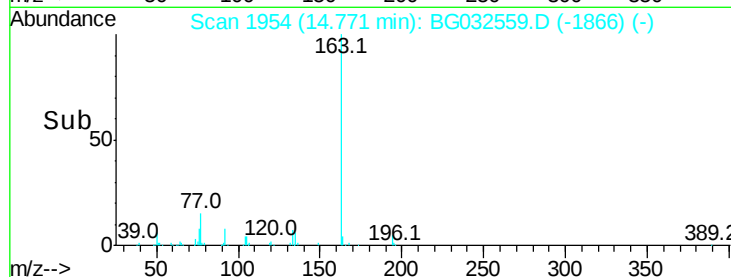
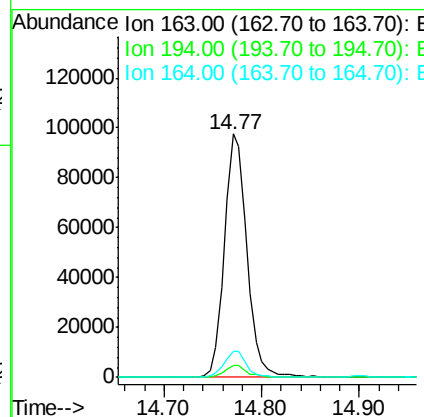
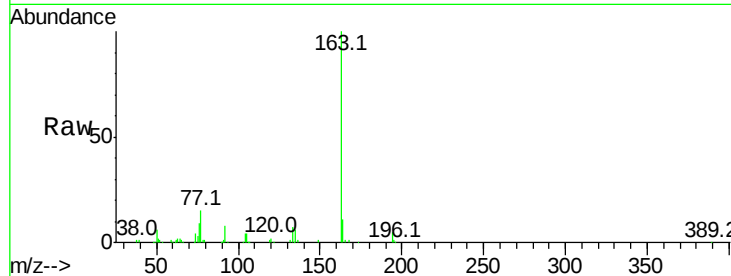
#49
Dimethylphthalate
Concen: 34.981 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampleId :
PB106290BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.9	3.4	5.2
164	10.8	8.2	12.4

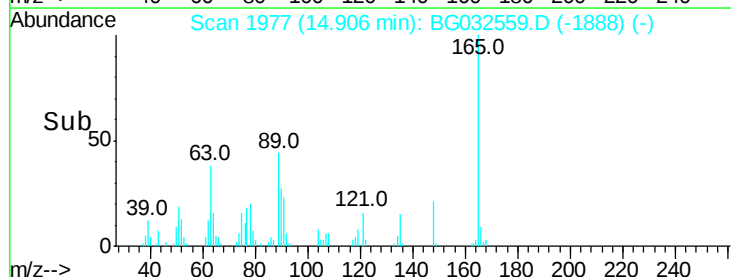
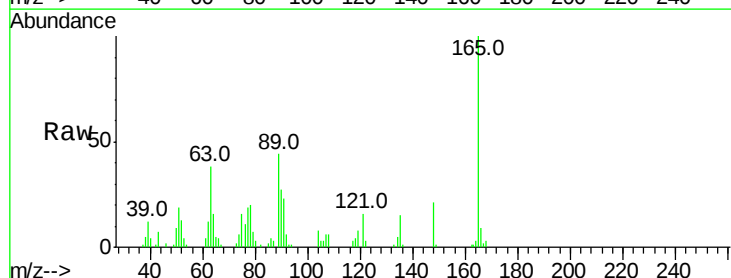
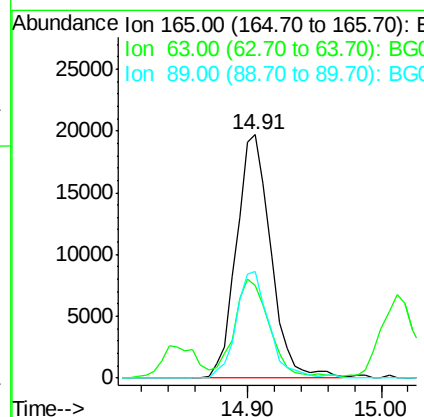
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#50
2,6-Dinitrotoluene
Concen: 37.543 ng
RT: 14.91 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	38.3	52.7	79.1#
89	43.8	49.2	73.8#





#51

Acenaphthene

Concen: 33.330 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

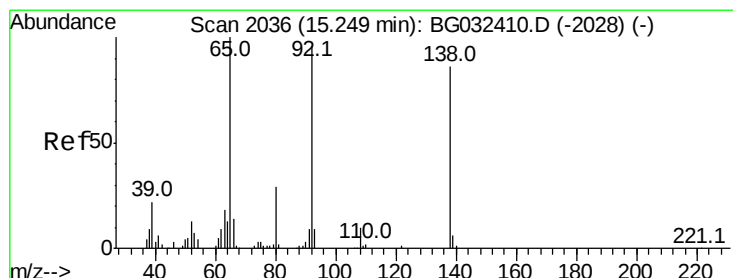
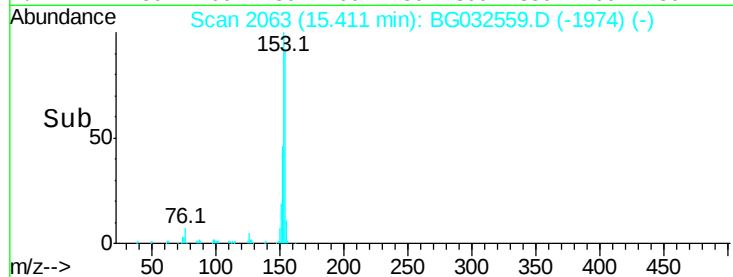
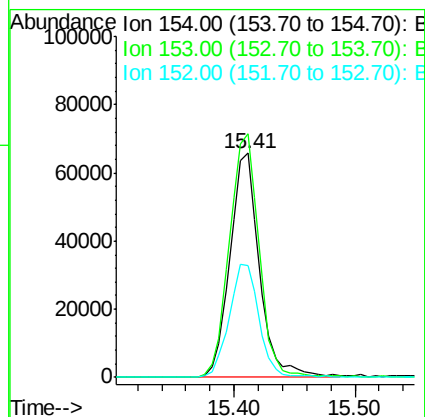
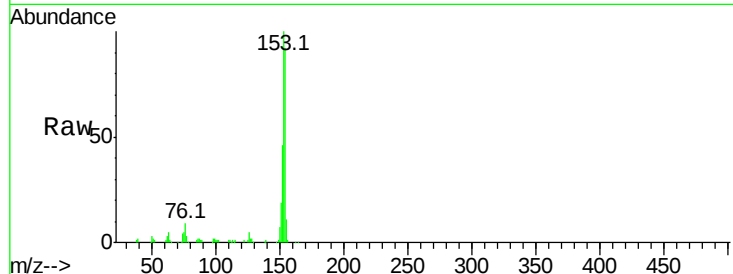
ClientSampleId :

PB106290BS

Tot Ion:	154	Resp:	112046
Ion Ratio	Lower	Upper	
154	100		
153	108.6	90.4	135.6
152	50.1	41.6	62.4

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#52

3-Nitroaniline

Concen: 20.292 ng

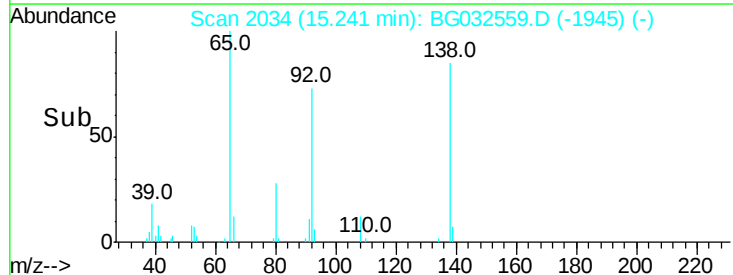
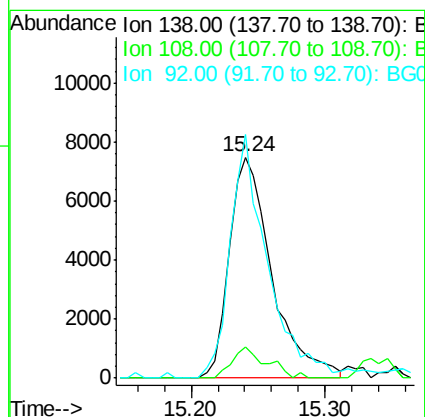
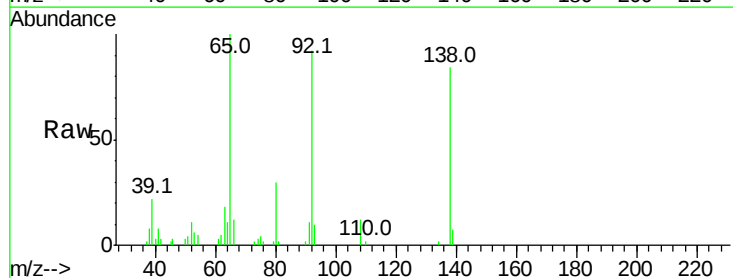
RT: 15.24 min Scan# 2034

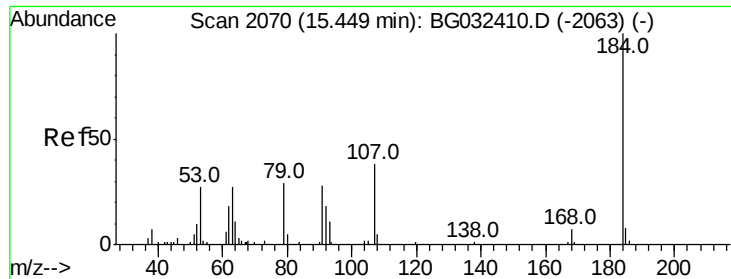
Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Tgt Ion:	138	Resp:	16609
Ion Ratio	Lower	Upper	
138	100		
108	14.2	17.5	26.3#
92	110.3	105.8	158.8





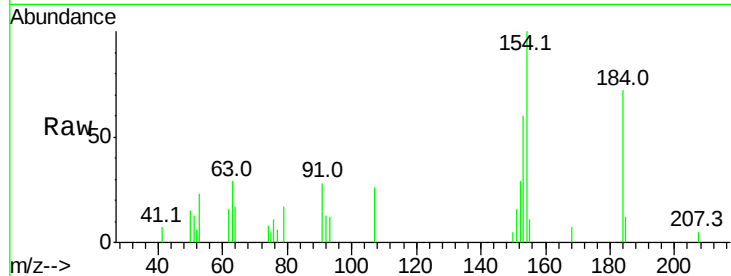
#53
2,4-Dinitrophenol
Concen: 12.402 ng
RT: 15.44 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampleId :
PB106290BS

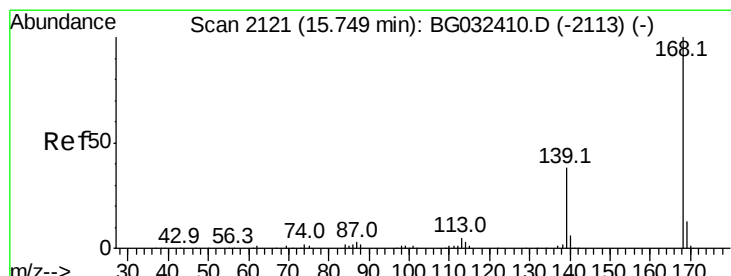
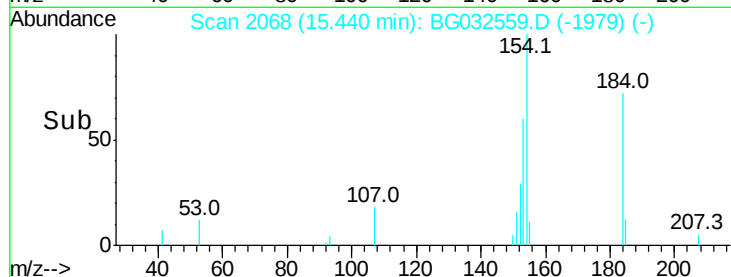
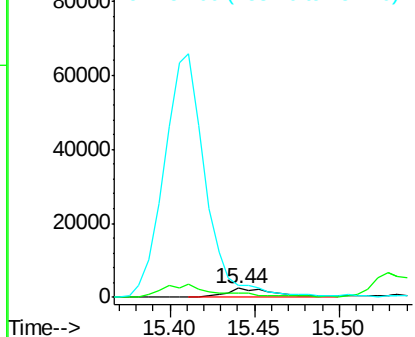
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	41.0	59.8	89.8#	
154	139.0	101.8	152.8	

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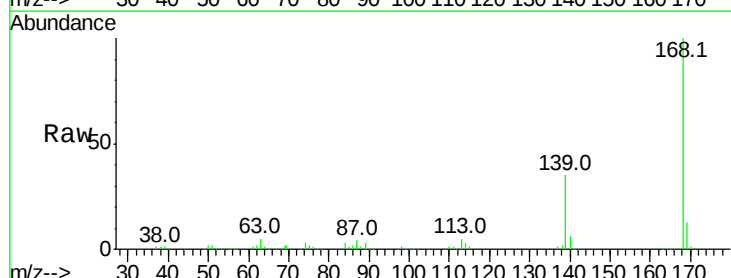


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 154.00 (153.70 to 154.70): E

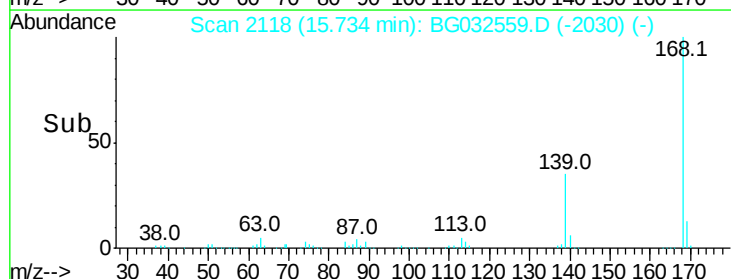
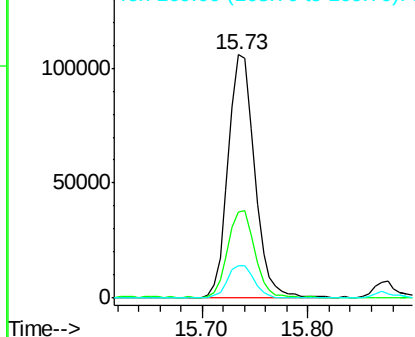


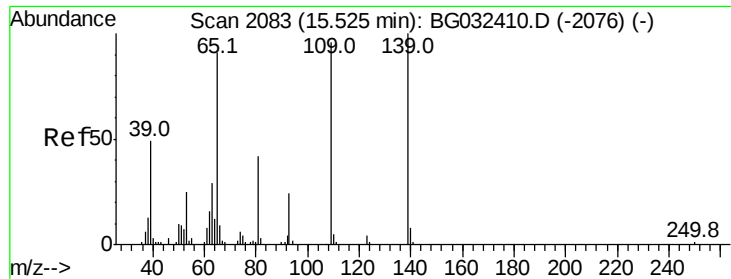
#54
Dibenzofuran
Concen: 37.160 ng
RT: 15.73 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.3	28.6	43.0	
169	13.4	11.2	16.8	



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





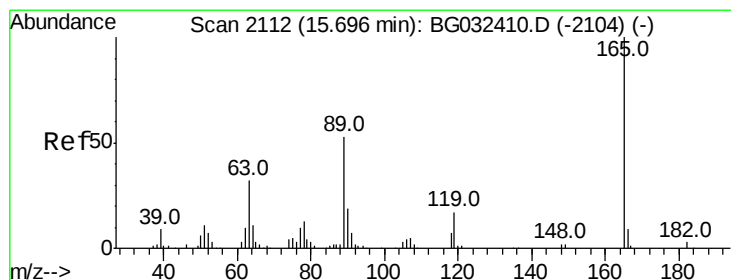
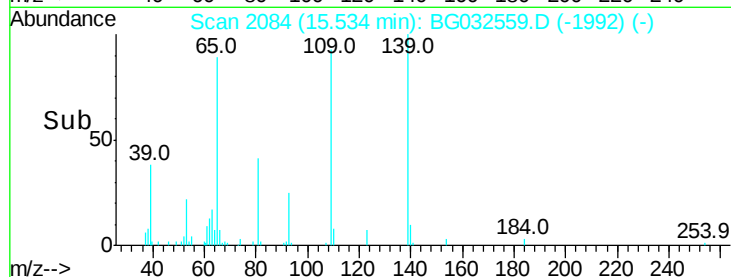
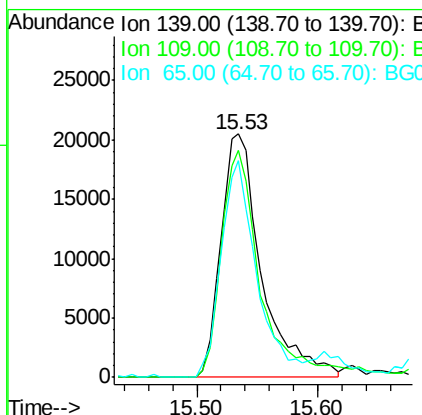
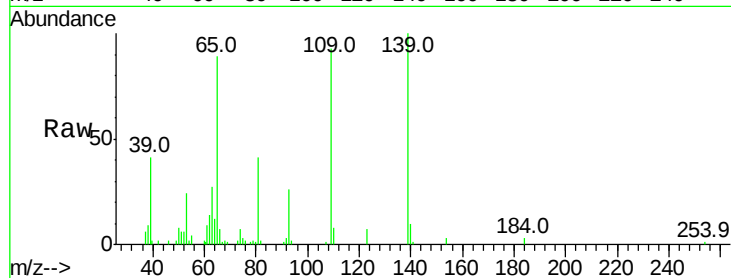
#55
4-Nitrophenol
Concen: 77.891 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampleId :
PB106290BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	93.5	62.2	102.2
65	88.8	97.2	137.2

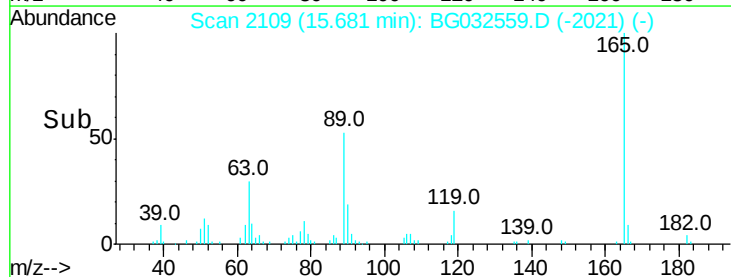
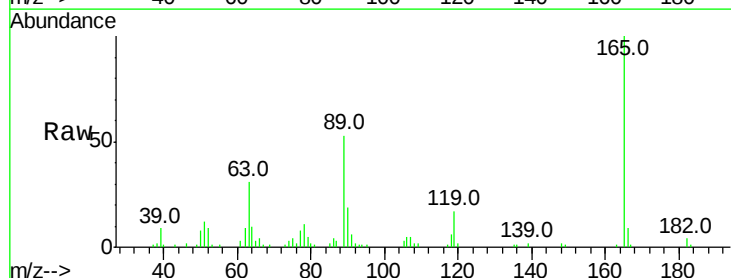
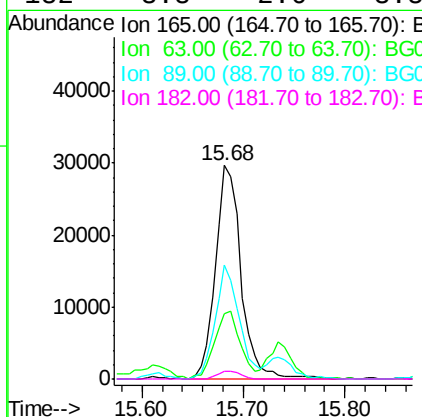
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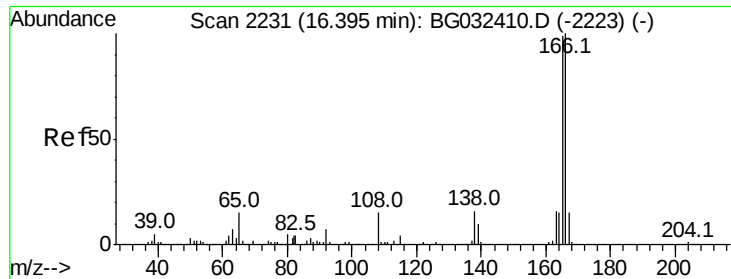
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#56
2,4-Dinitrotoluene
Concen: 39.045 ng
RT: 15.68 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	30.6	42.0	63.0
89	53.3	66.9	100.3
182	3.8	2.6	3.8





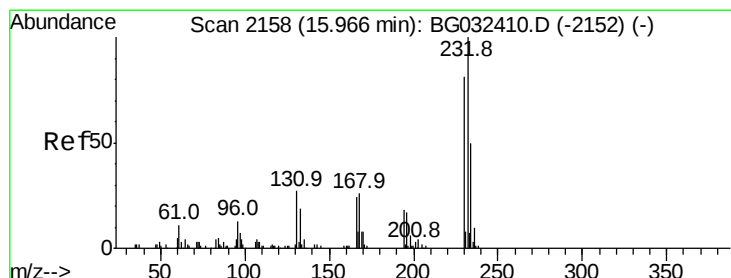
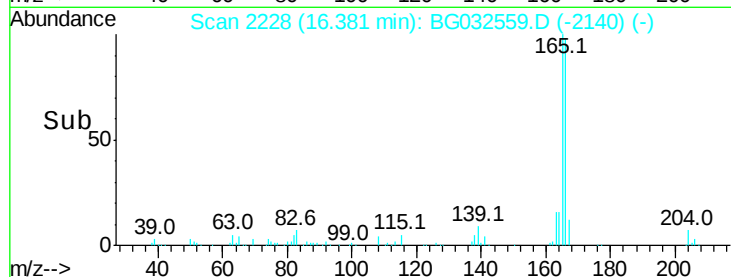
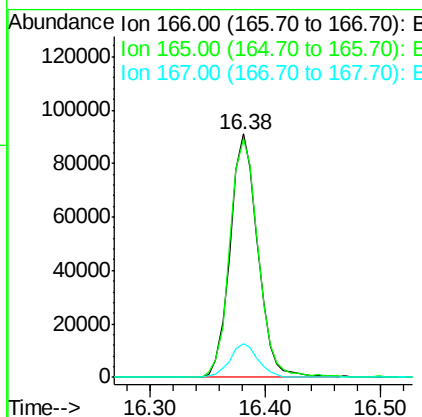
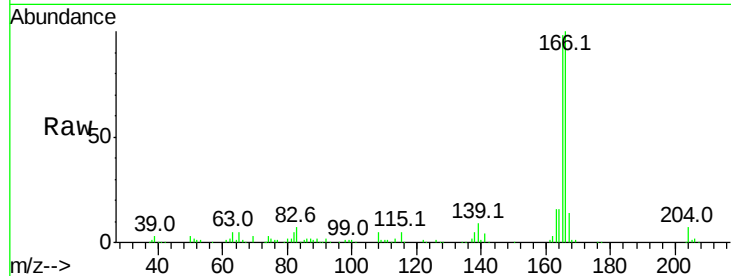
#57
Fluorene
 Concen: 36.597 ng
 RT: 16.38 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Instrument :
 BNA_G
 ClientSampleId :
 PB106290BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	151316		
165	97.8	80.6	121.0	
167	14.1	10.4	15.6	

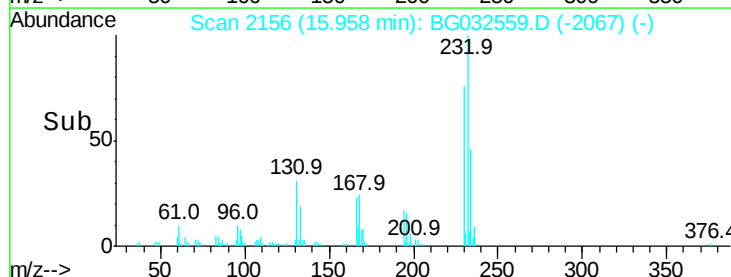
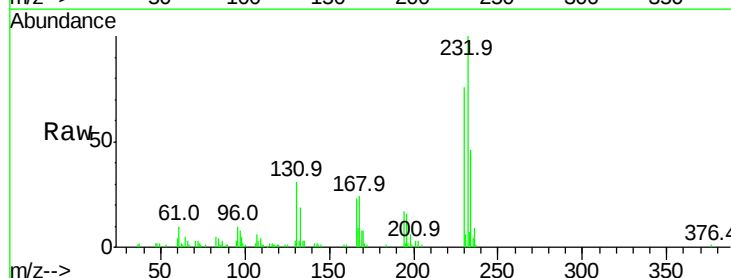
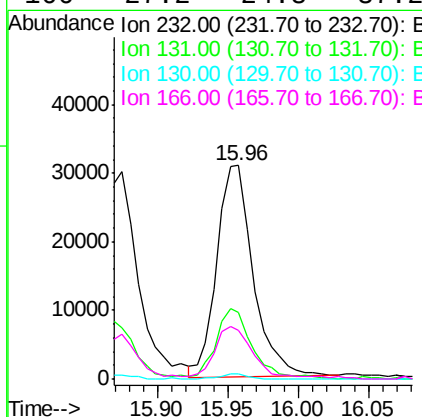
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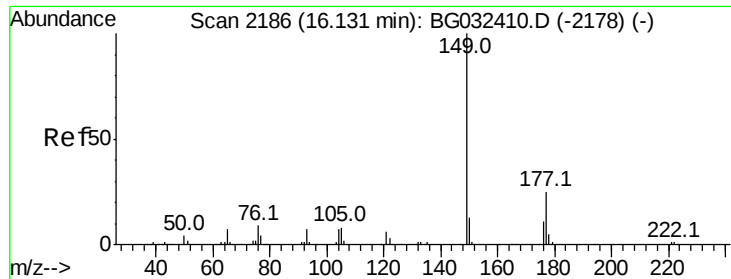
Sohil
 2/6/2018 2:35:11 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.978 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	55221		
131	33.3	33.5	50.3#	
130	2.0	2.2	3.2#	
166	27.2	24.8	37.2	





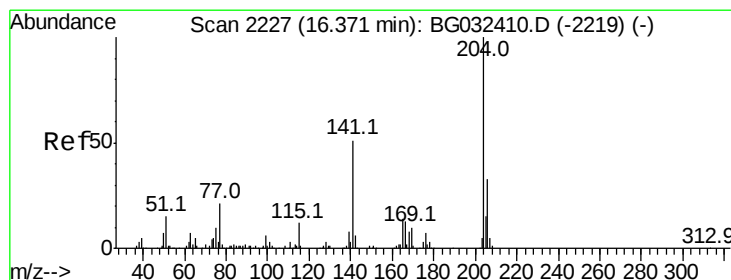
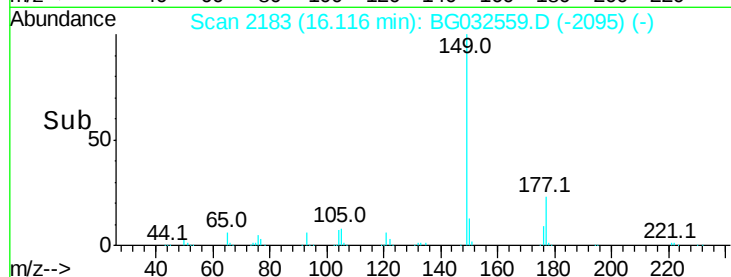
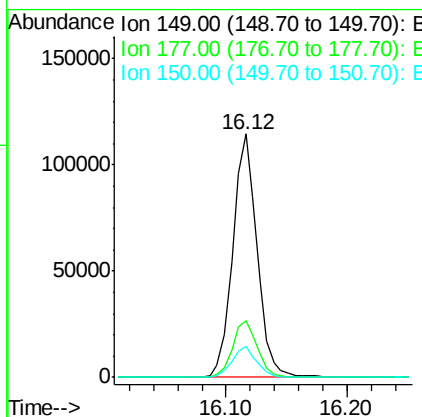
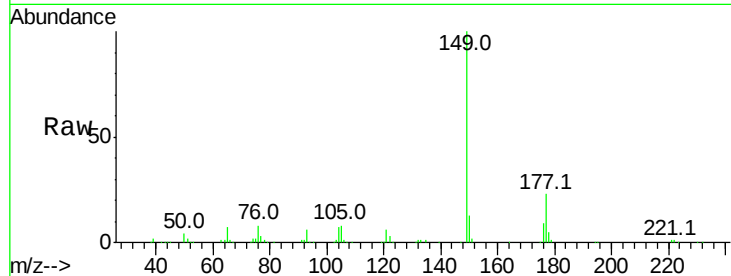
#59
Diethylphthalate
Concen: 36.927 ng
RT: 16.12 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampleId :
PB106290BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	160574		
177	23.5	18.5	27.7	
150	13.0	10.2	15.2	

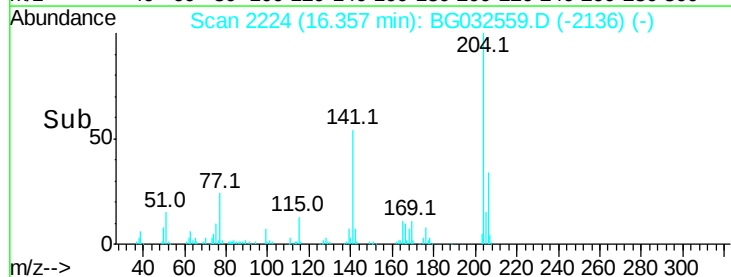
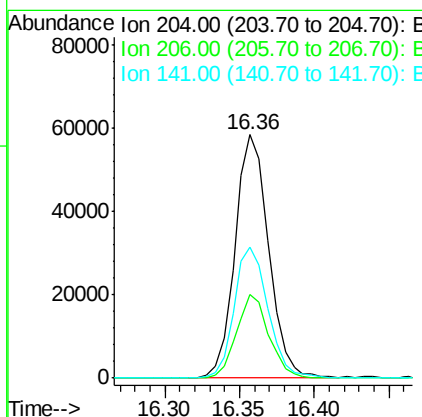
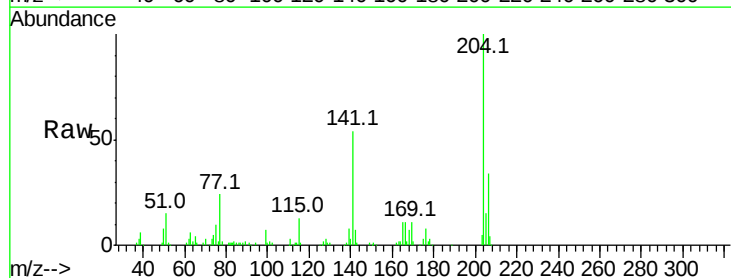
Manual Integrations
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#60
4-Chlorophenyl-phenylether
Concen: 35.103 ng
RT: 16.36 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	91522		
206	34.3	26.2	39.2	
141	53.6	45.8	68.6	





#61

4-Nitroaniline

Concen: 33.973 ng

RT: 16.40 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

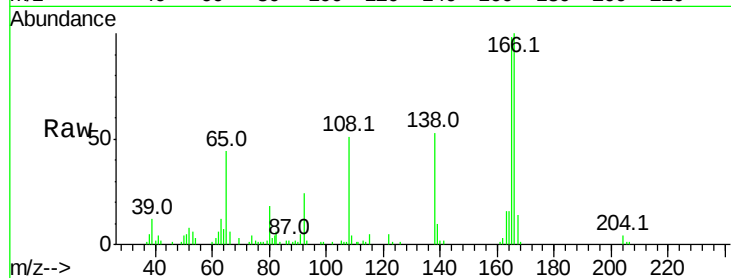
ClientSampled :

PB106290BS

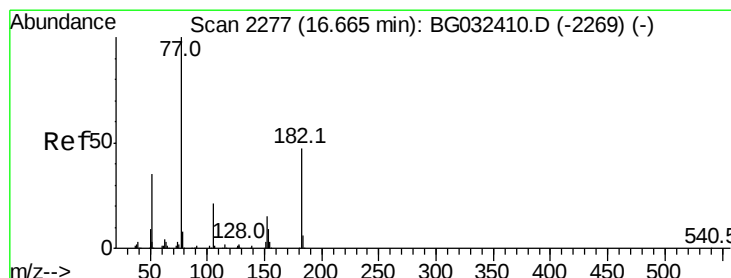
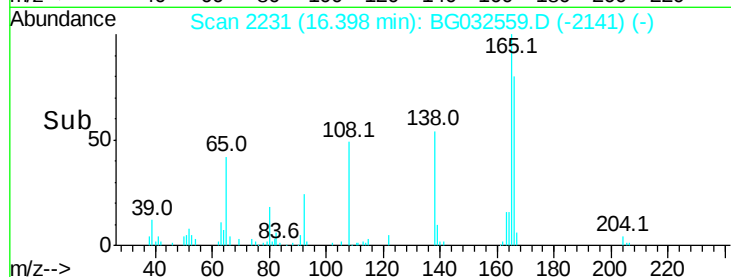
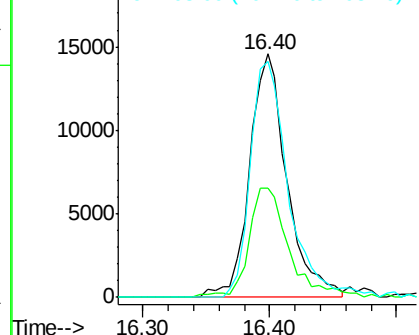
Tot Ion:	138	Resp:	29804
Ion Ratio	Lower	Upper	
138	100		
92	44.7	40.1	80.1
108	97.1	65.4	105.4

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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: 37.281 ng

RT: 16.65 min Scan# 2274

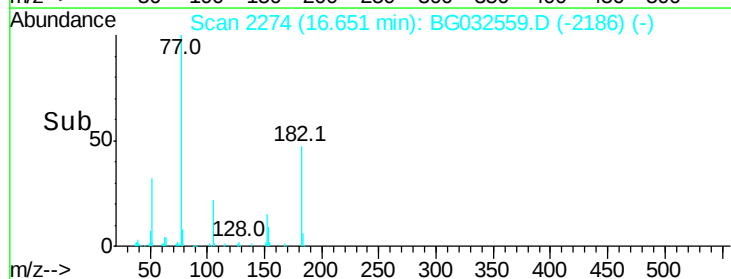
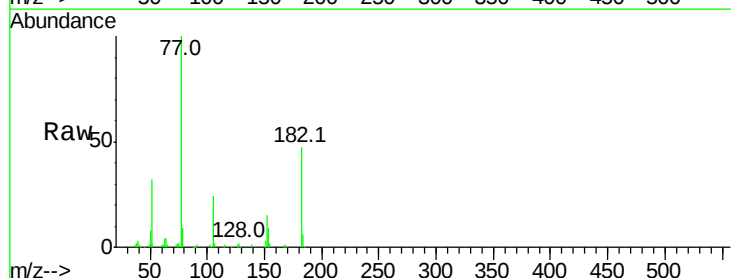
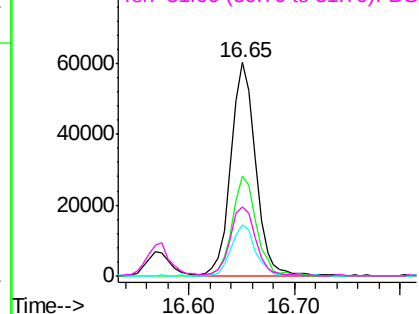
Delta R.T. -0.01 min

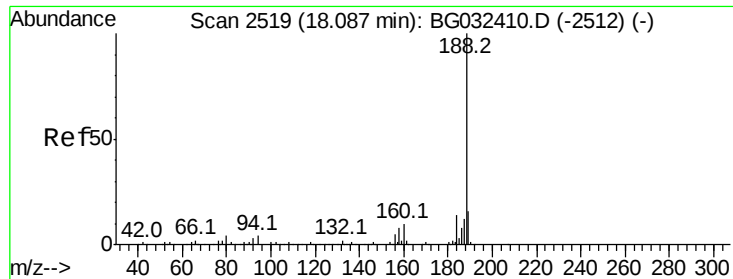
Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Tgt Ion:	77	Resp:	96880
Ion Ratio	Lower	Upper	
77	100		
182	46.9	7.4	47.4
105	24.2	0.3	40.3
51	32.3	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: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

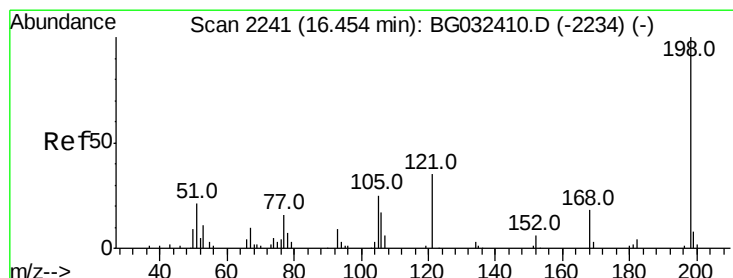
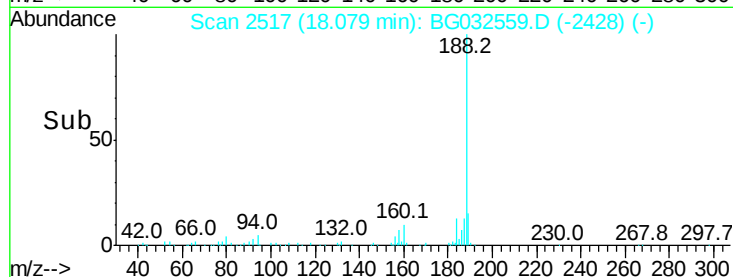
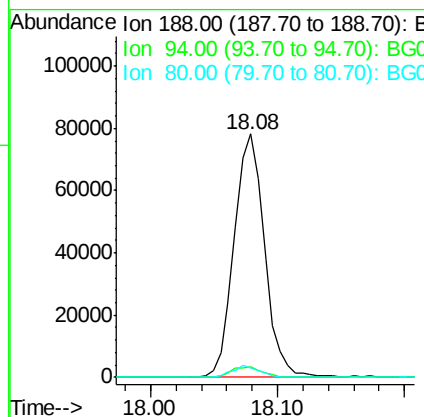
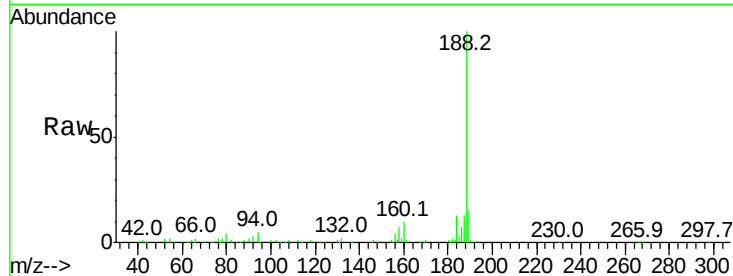
ClientSampled :

PB106290BS

Tot Ion:	188	Resp:	129192
Ion Ratio	Lower	Upper	
188	100		
94	4.6	6.9	10.3#
80	4.0	7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 9.544 ng

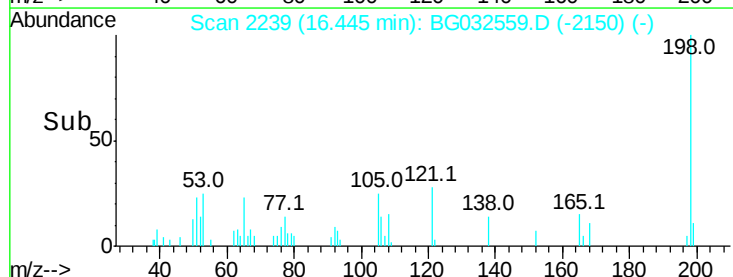
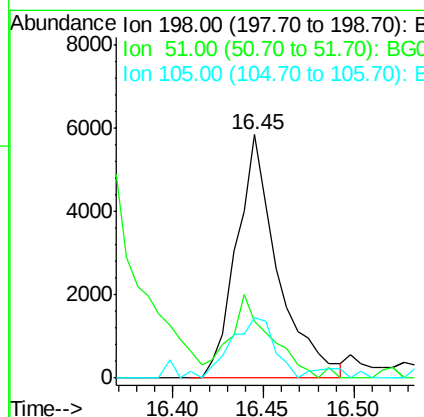
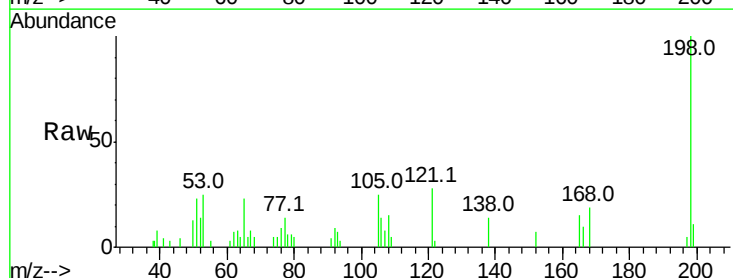
RT: 16.45 min Scan# 2239

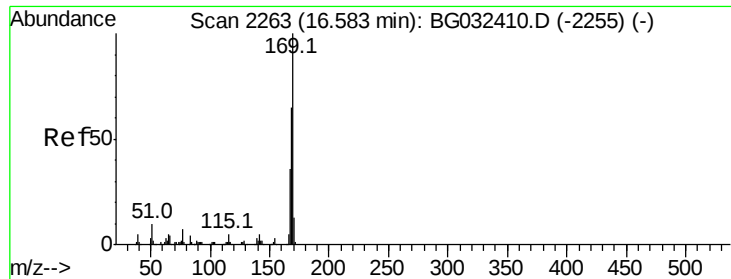
Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Tgt Ion:	198	Resp:	9211
Ion Ratio	Lower	Upper	
198	100		
51	23.1	30.6	70.6#
105	25.1	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 37.114 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

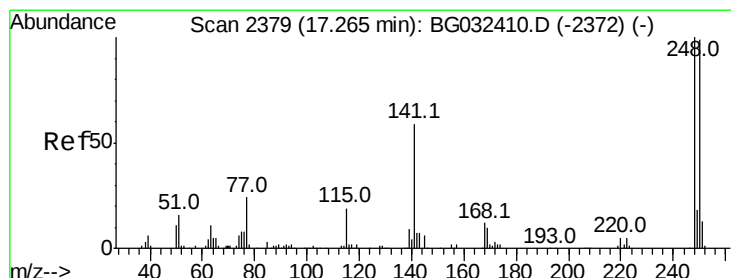
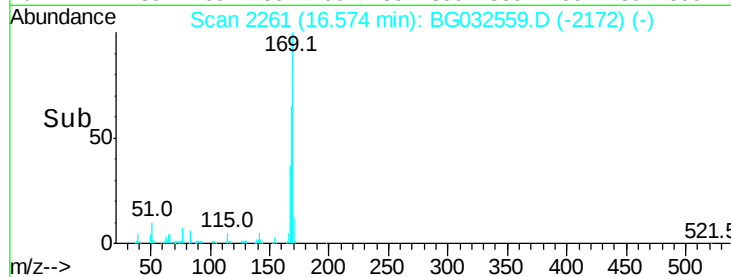
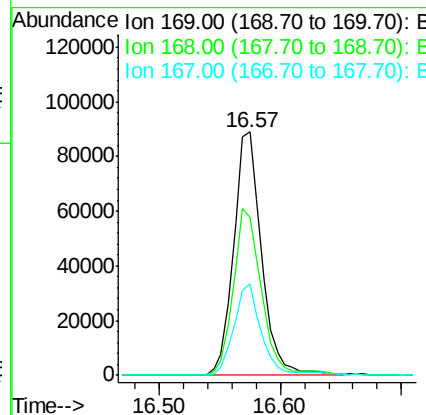
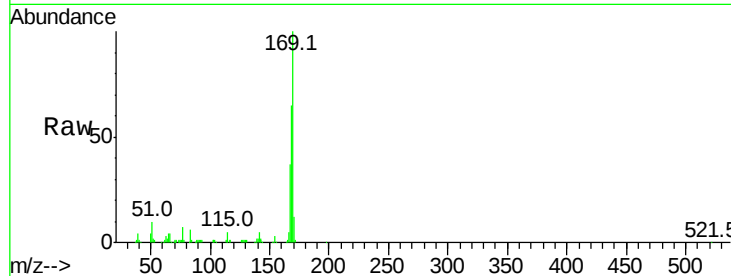
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	65.1	55.7	83.5	
167	37.4	30.1	45.1	

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#66

4-Bromophenyl-phenylether

Concen: 37.045 ng

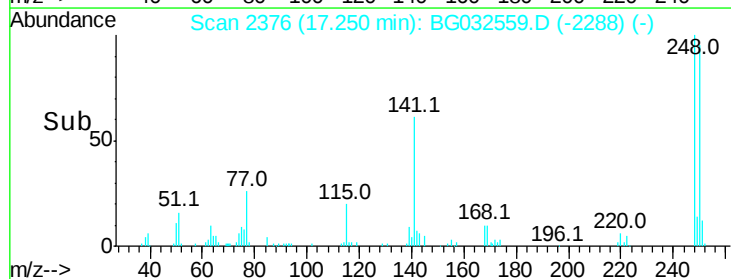
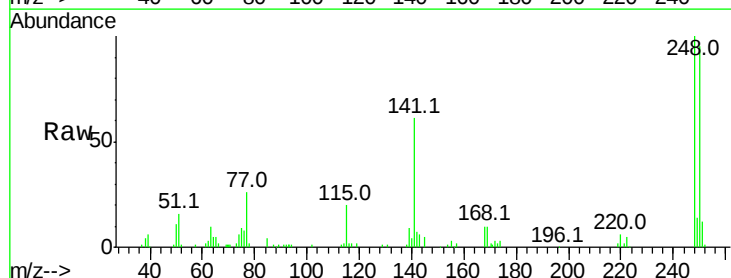
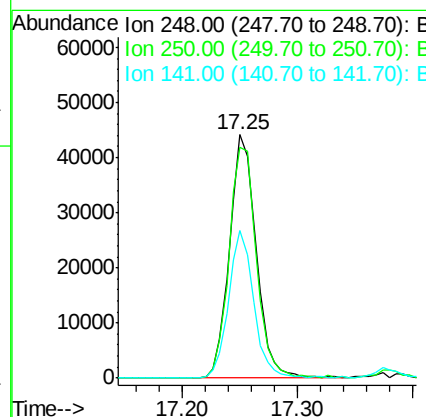
RT: 17.25 min Scan# 2376

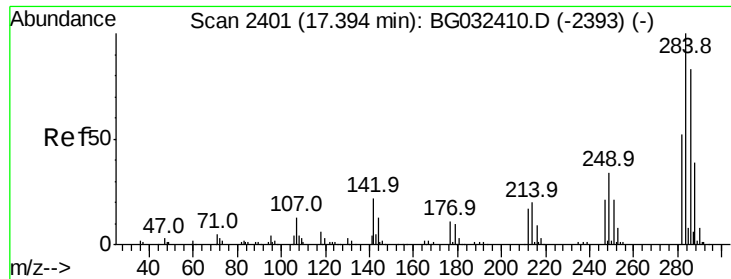
Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.0	77.1	115.7	
141	60.6	50.8	76.2	





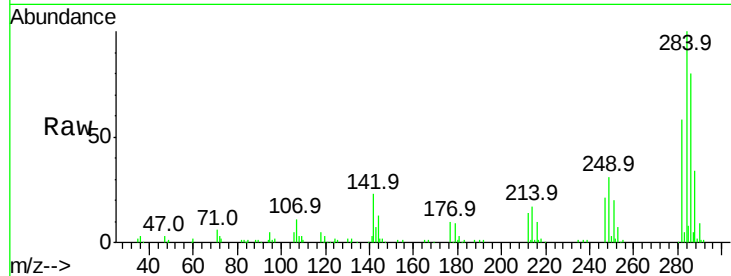
#67
Hexachlorobenzene
Concen: 37.908 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampleId :
PB106290BS

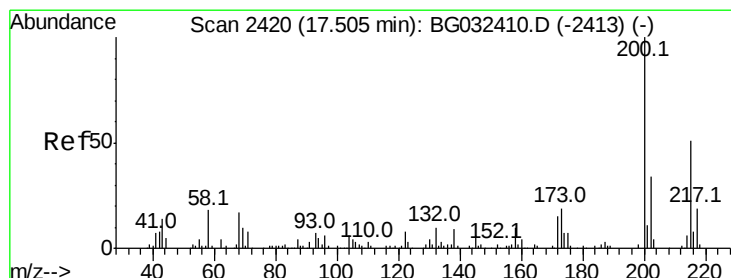
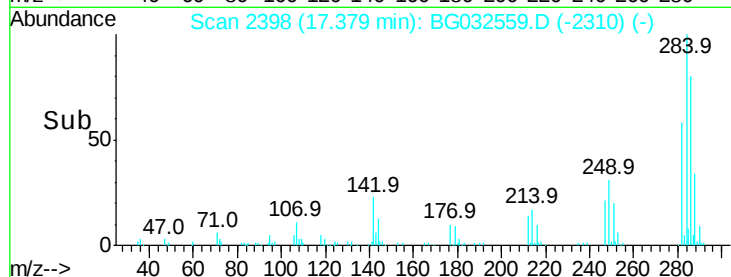
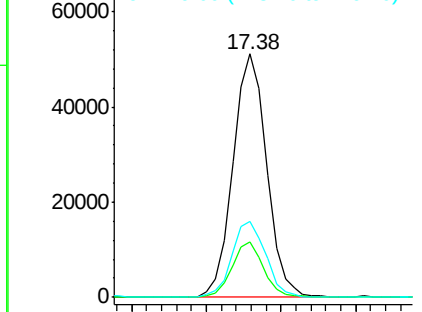
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	23.0	26.8	40.2
249	31.2	26.3	39.5

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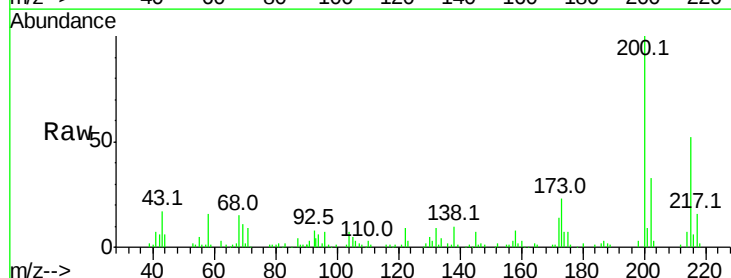


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

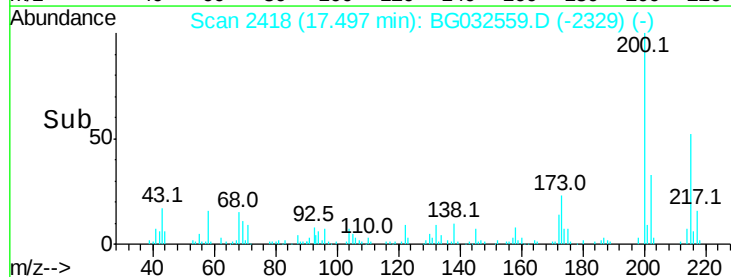
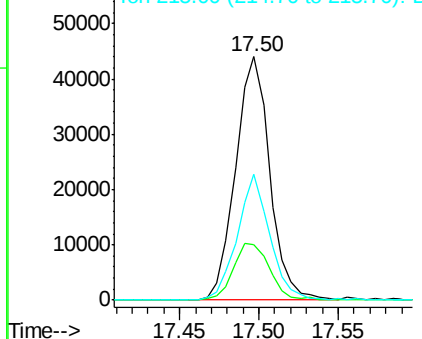


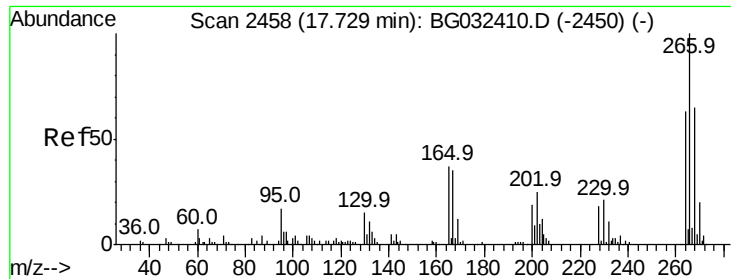
#68
Atrazine
Concen: 39.729 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	22.7	5.2	45.2
215	51.8	30.4	70.4



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





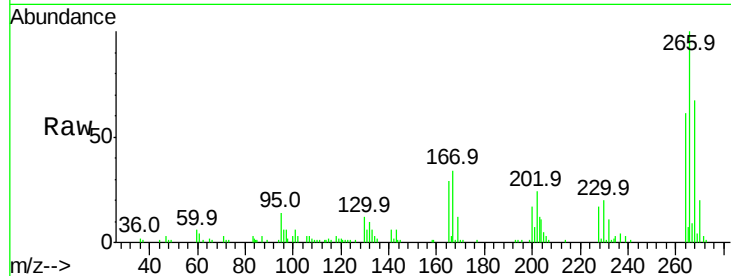
#69
 Pentachlorophenol
 Concen: 37.351 ng
 RT: 17.72 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Instrument :
 BNA_G
 ClientSampleId :
 PB106290BS

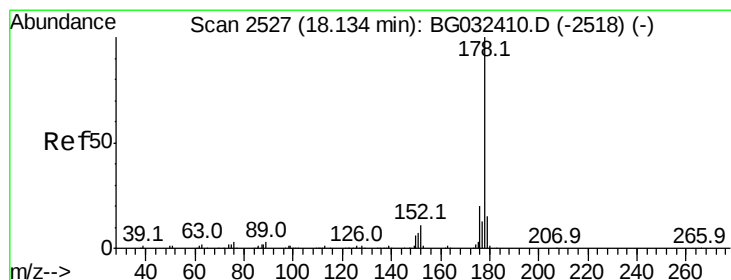
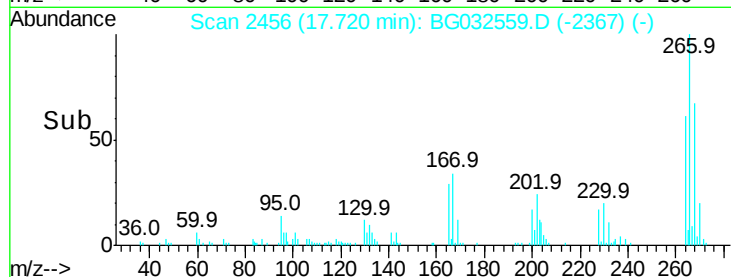
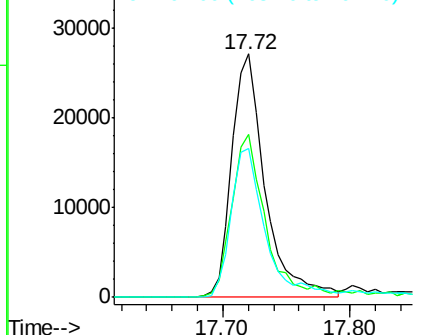
Tot Ion	Ratio	Resp	Lower	Upper
266	100	49559		
268	67.0		51.1	76.7
264	61.0		49.6	74.4

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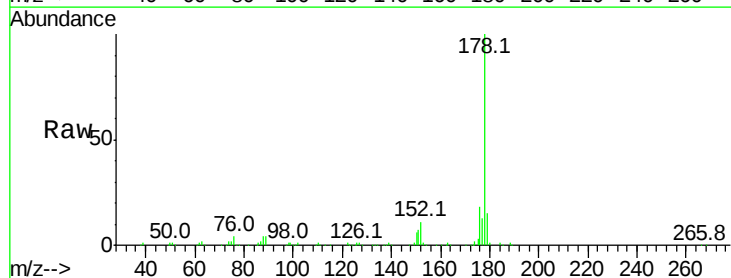


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

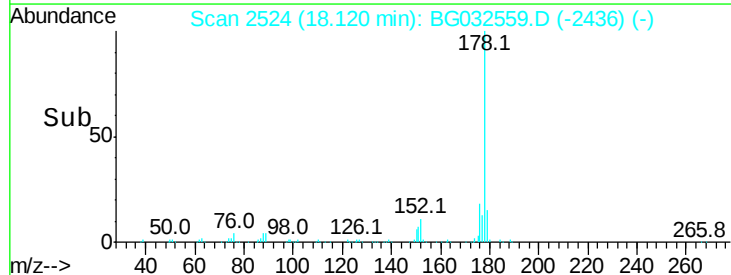
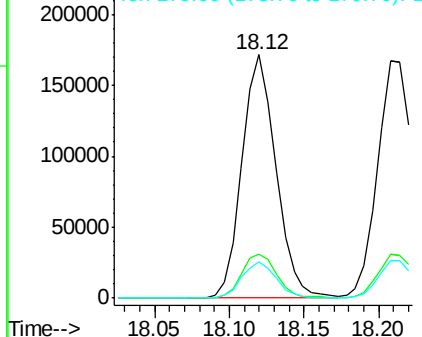


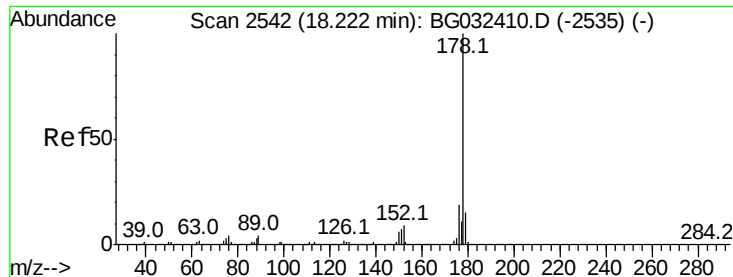
#70
 Phenanthrene
 Concen: 37.681 ng
 RT: 18.12 min Scan# 2524
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	271480		
176	18.1		15.7	23.5
179	14.7		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





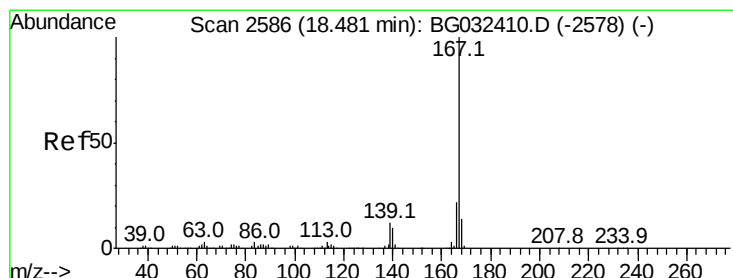
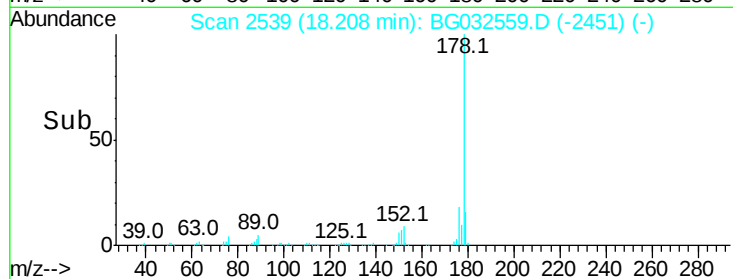
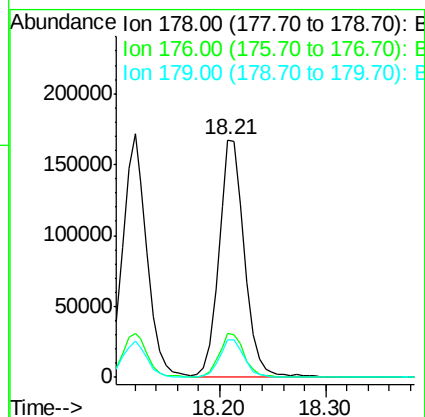
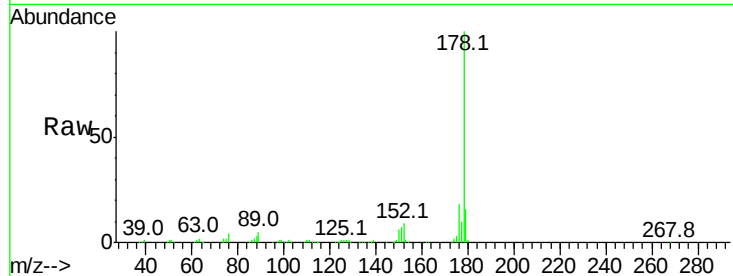
#71
 Anthracene
 Concen: 39.017 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Instrument :
 BNA_G
 ClientSampleId :
 PB106290BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.0	24.0
179	15.9	12.5	18.7

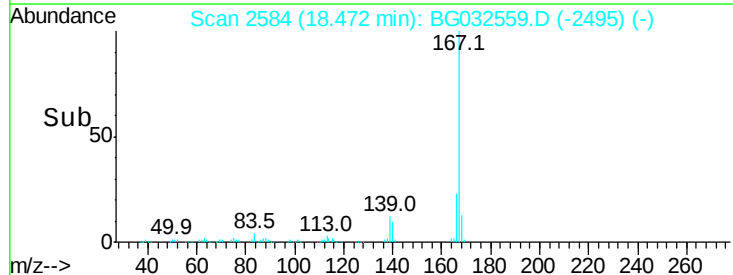
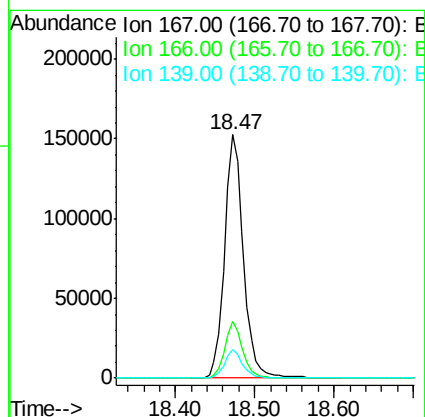
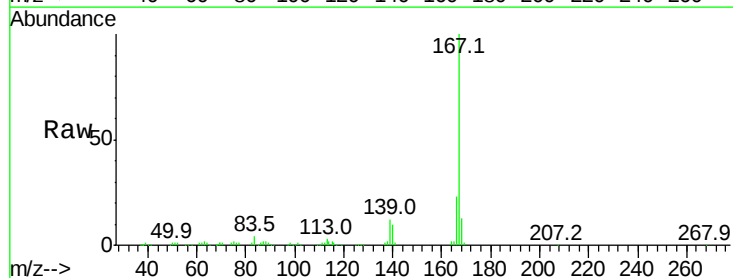
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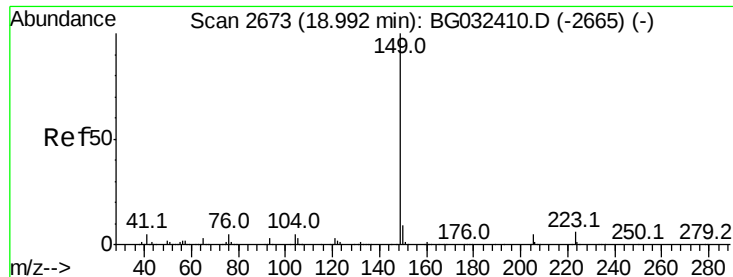
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#72
 Carbazole
 Concen: 39.486 ng
 RT: 18.47 min Scan# 2584
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	11.7	9.4	14.2





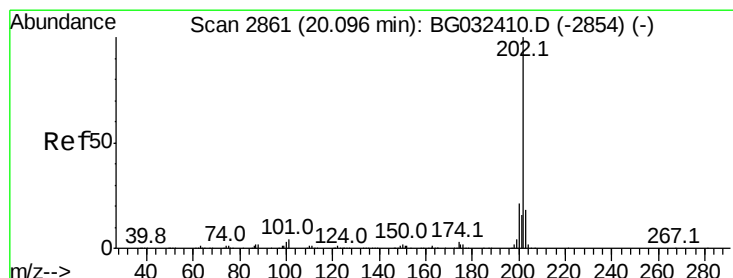
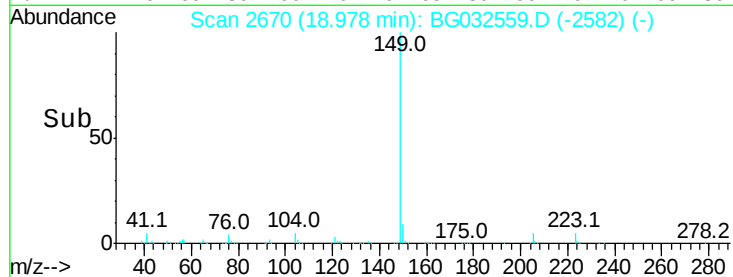
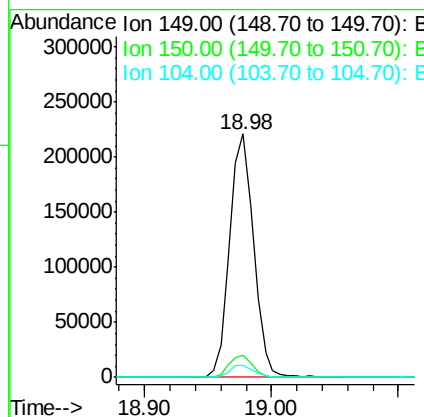
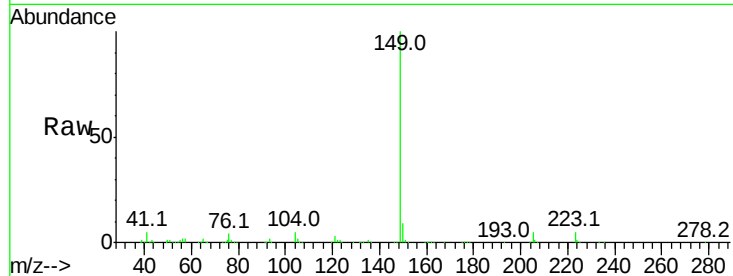
#73
Di-n-butylphthalate
Concen: 41.070 ng
RT: 18.98 min Scan# 2670
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampleId :
PB106290BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.9	3.9	5.9

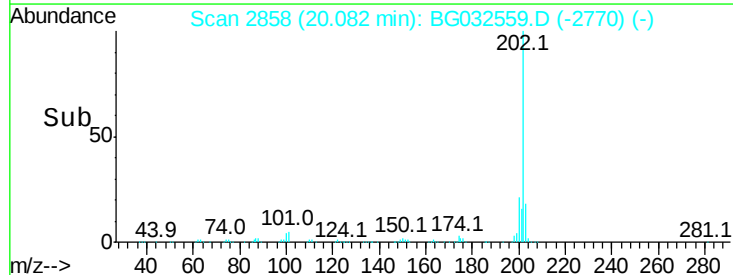
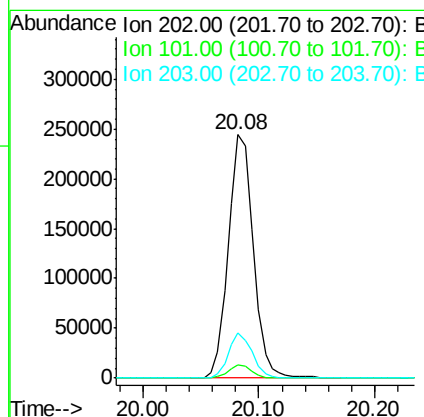
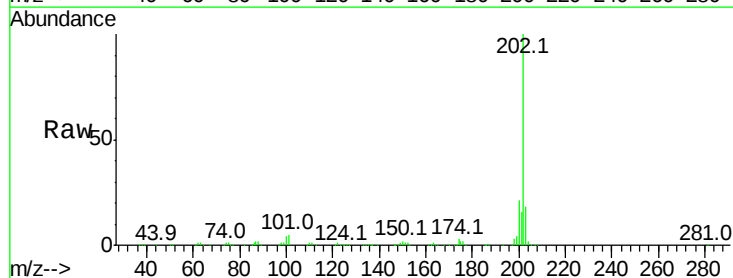
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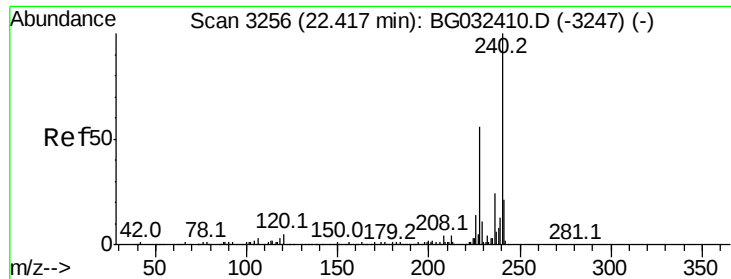
Sohil
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#74
Fluoranthene
Concen: 38.762 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	5.3	0.0	28.9
203	18.5	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: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

ClientSampleId :

PB106290BS

Tot Ion:240 Resp: 216604
Ion Ratio Lower Upper

240 100

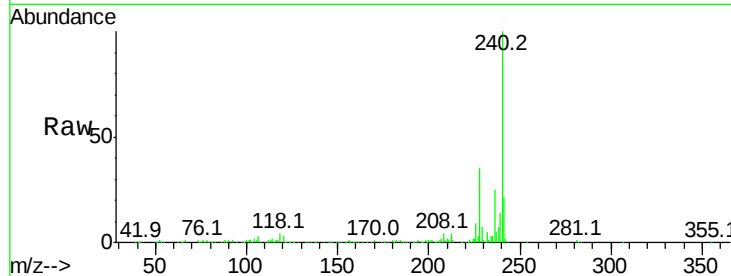
120 3.3 6.8 10.2#

236 25.0 20.9 31.3

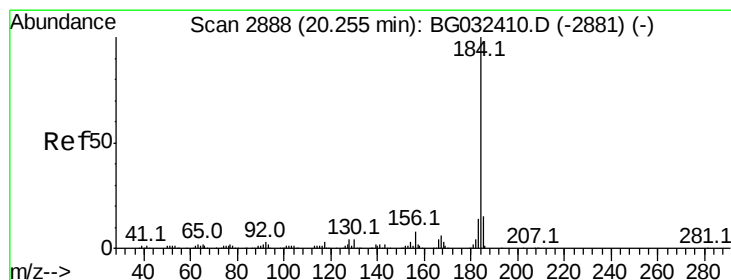
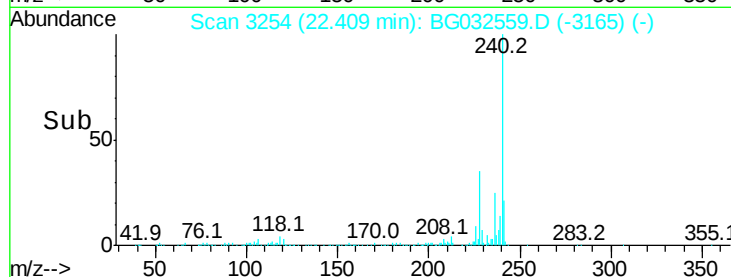
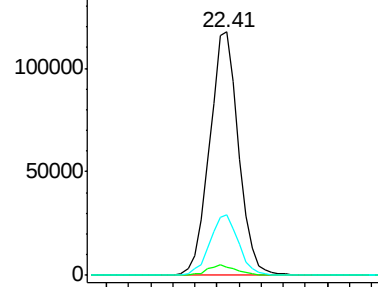
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.942 ng

RT: 20.25 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG032559.D

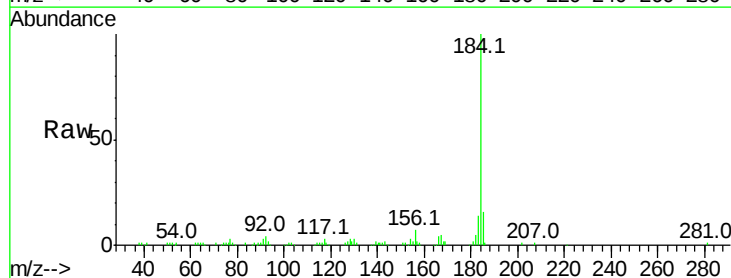
Acq: 6 Feb 2018 6:55

Tgt Ion:184 Resp: 97576
Ion Ratio Lower Upper

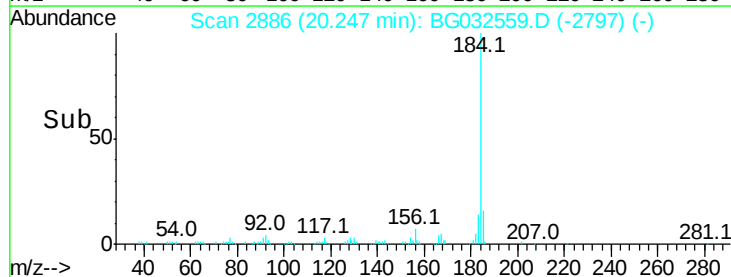
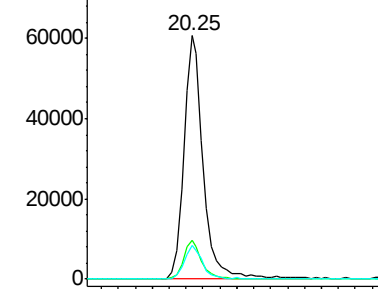
184 100

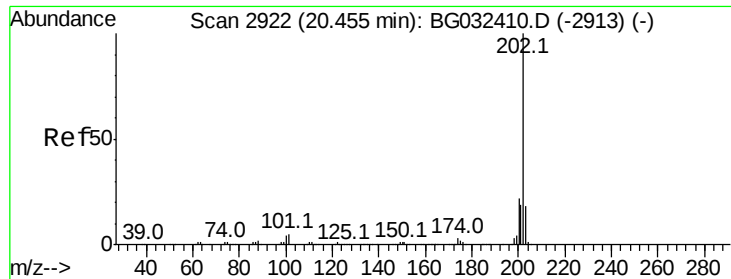
185 16.0 11.1 16.7

183 13.9 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 28.250 ng

RT: 20.44 min Scan# 2919

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

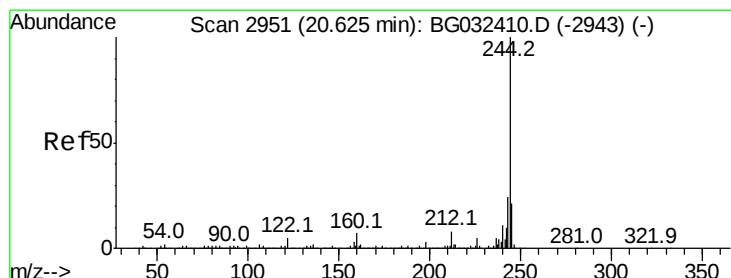
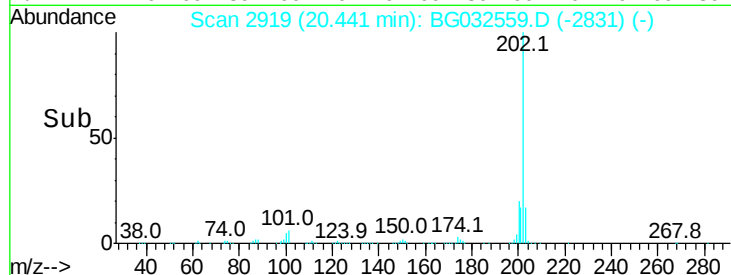
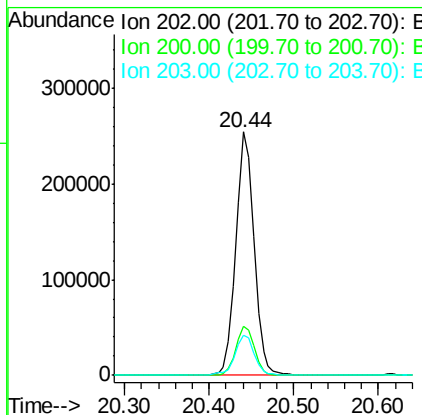
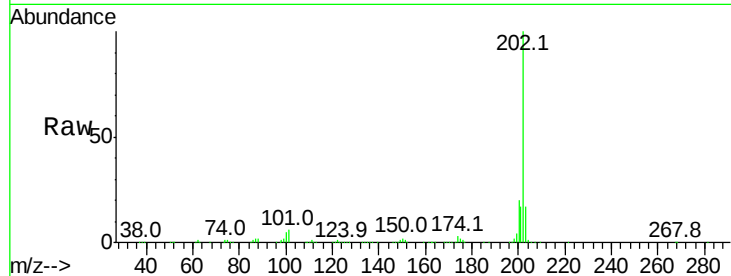
ClientSampleId :

PB106290BS

Tot Ion:	202	Resp:	375314
Ion Ratio		Lower	Upper
202	100		
200	20.2	16.9	25.3
203	16.7	13.9	20.9

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#78

Terphenyl-d14

Concen: 65.482 ng

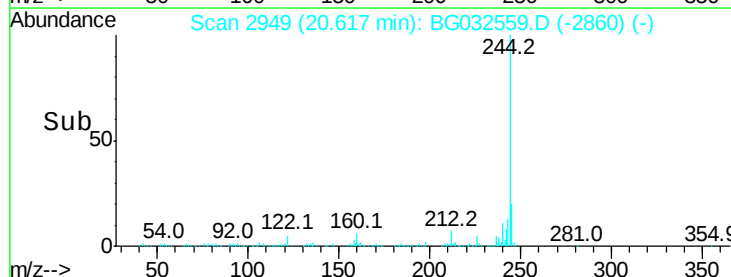
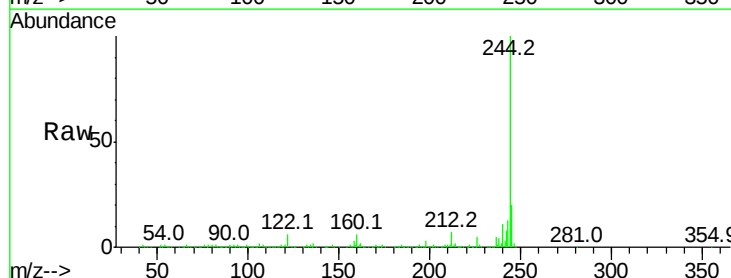
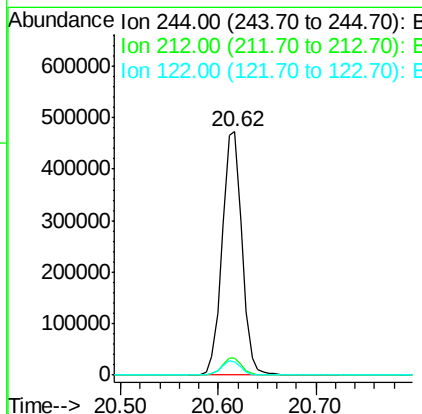
RT: 20.62 min Scan# 2949

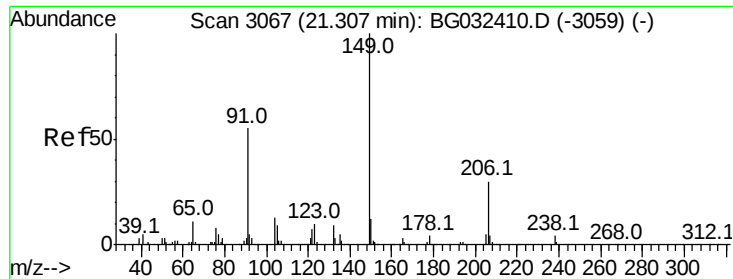
Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Tgt Ion:	244	Resp:	662143
Ion Ratio		Lower	Upper
244	100		
212	6.8	5.8	8.8
122	5.5	7.0	10.4#





#79

Butylbenzylphthalate

Concen: 32.120 ng

RT: 21.30 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

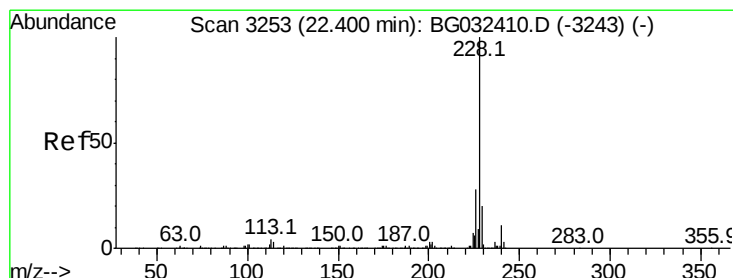
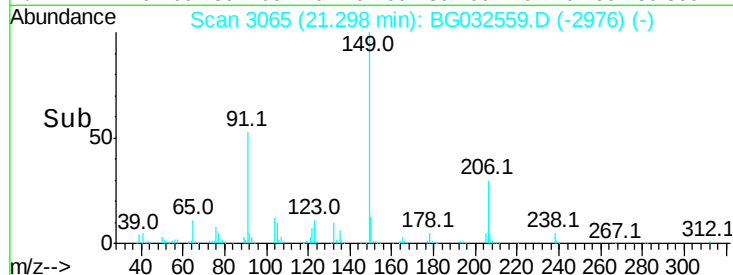
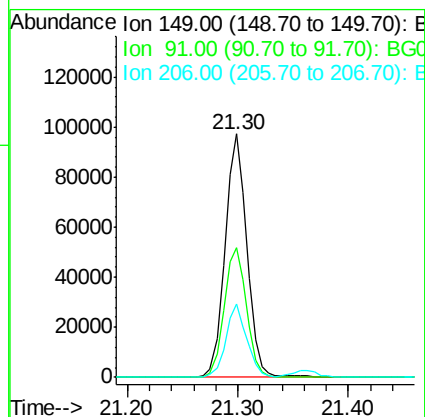
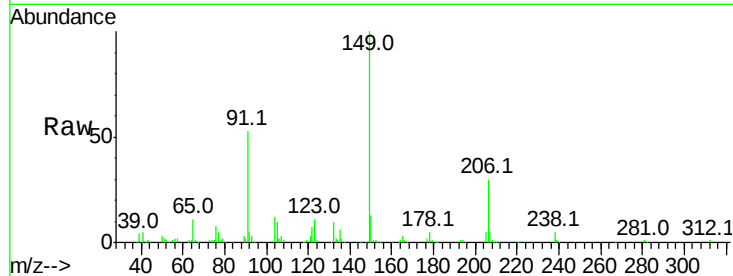
ClientSampleId :

PB106290BS

Tot Ion:	149	Resp:	134598
Ion Ratio	Lower	Upper	
149	100		
91	53.3	62.2	93.2#
206	30.1	18.6	27.8#

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#80

Benzo(a)anthracene

Concen: 38.003 ng

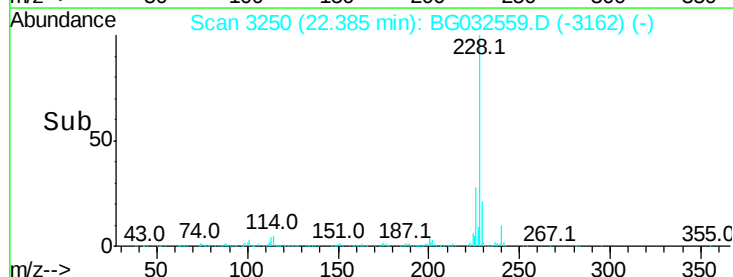
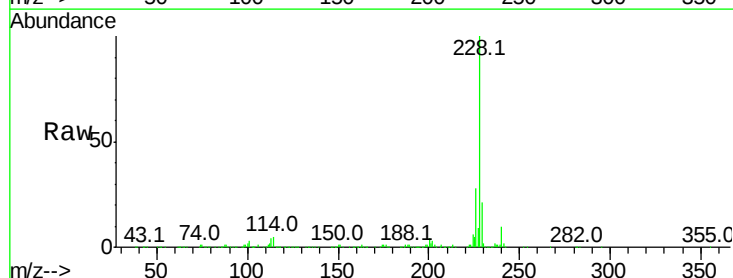
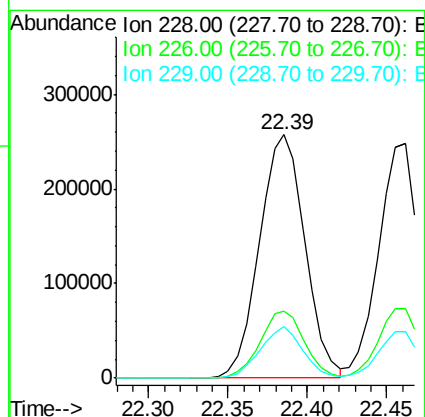
RT: 22.39 min Scan# 3250

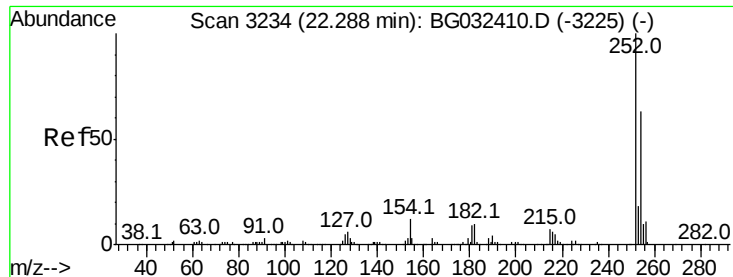
Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Tgt Ion:	228	Resp:	510313
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.7	34.1
229	21.0	16.2	24.2





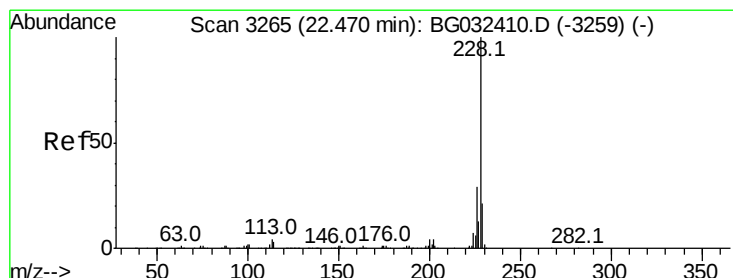
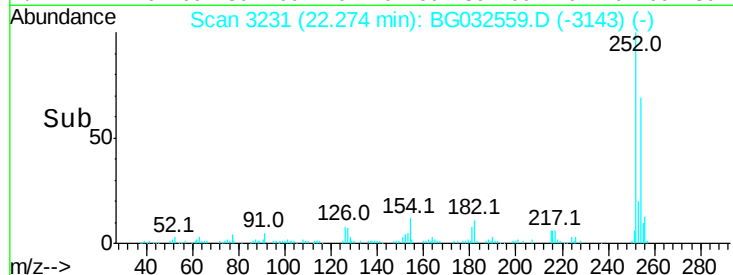
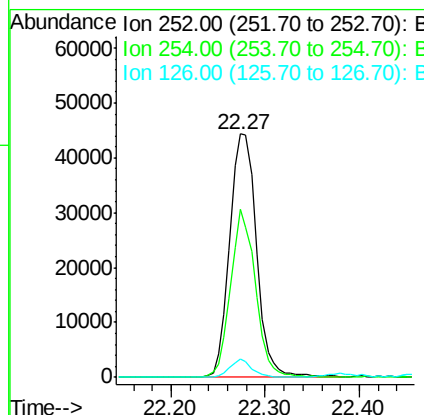
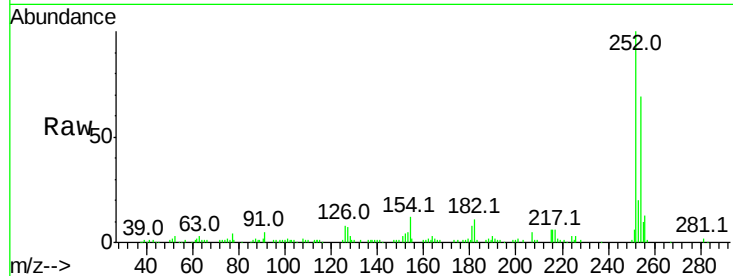
#81
 3,3'-Dichlorobenzidine
 Concen: 16.980 ng
 RT: 22.27 min Scan# 3231
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Instrument :
 BNA_G
 ClientSampleId :
 PB106290BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	69.1	50.8	76.2
126	7.7	7.4	11.2

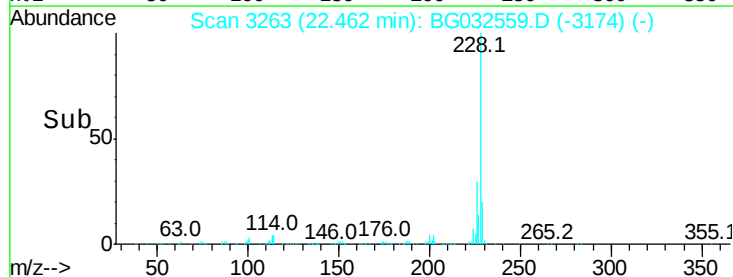
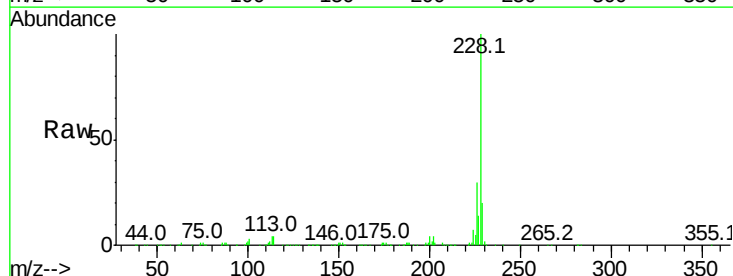
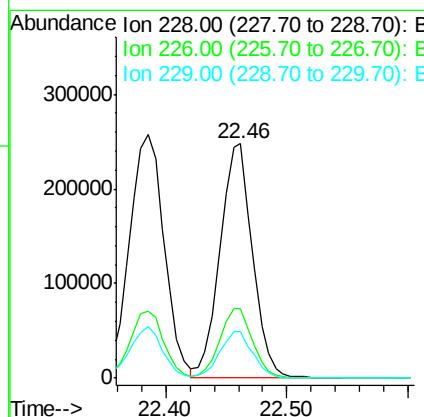
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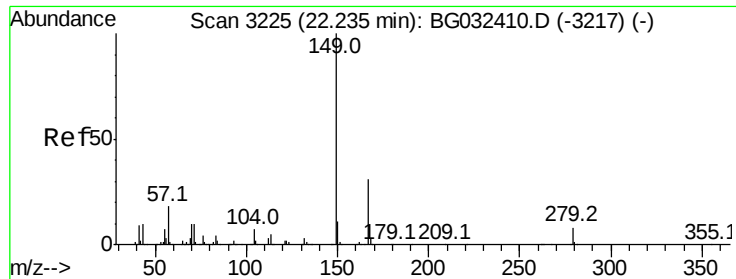
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#82
 Chrysene
 Concen: 35.369 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.9	37.3
229	19.8	15.0	22.4





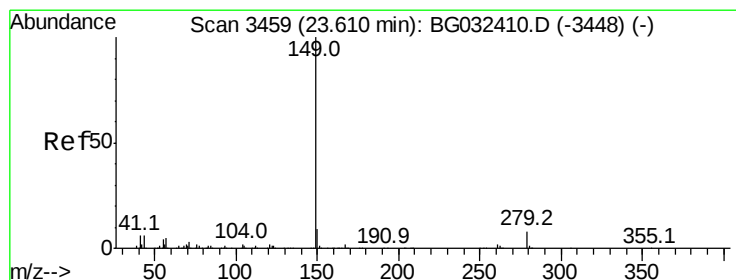
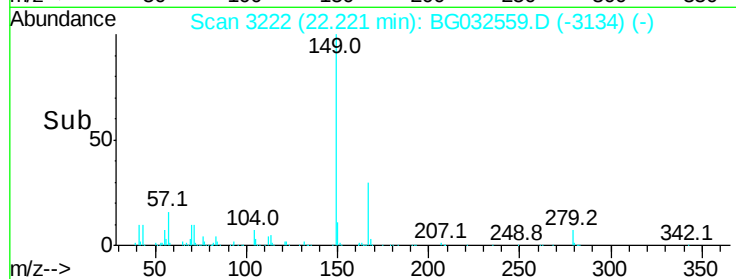
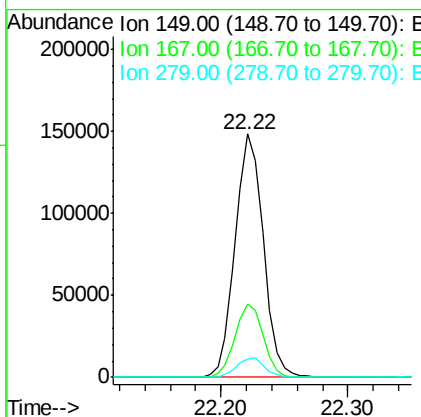
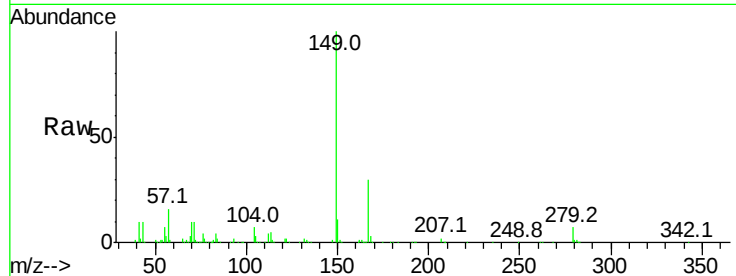
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.471 ng
 RT: 22.22 min Scan# 3222
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Instrument :
 BNA_G
 ClientSampleId :
 PB106290BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	30.1	24.3	36.5
279	7.3	4.0	6.0

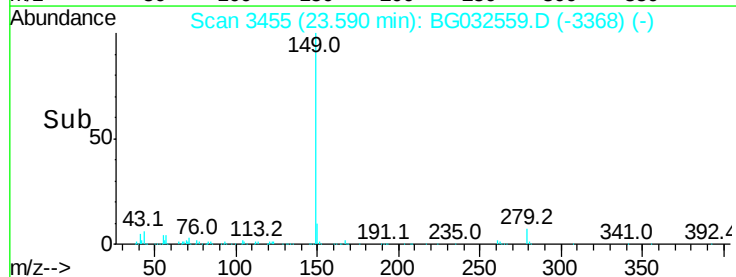
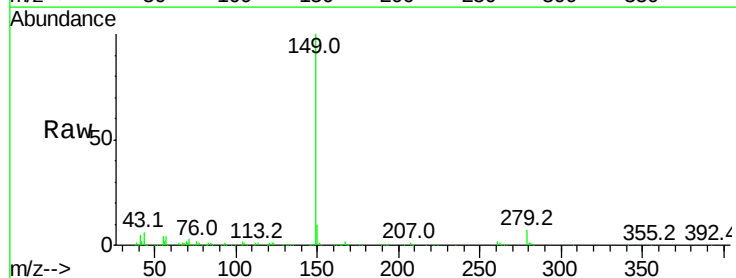
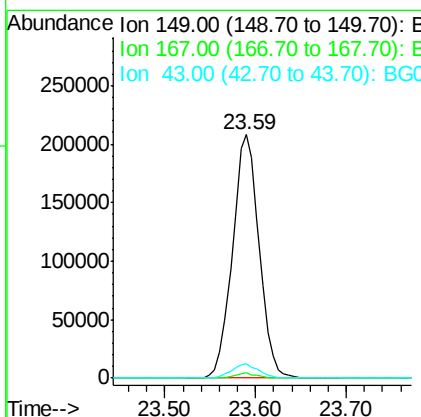
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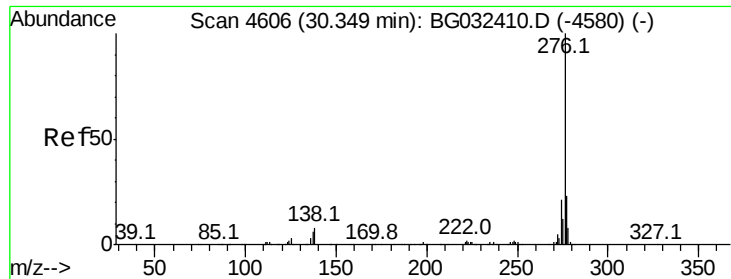
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#84
 Di-n-octyl phthalate
 Concen: 45.011 ng
 RT: 23.59 min Scan# 3455
 Delta R.T. -0.02 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.8	1.4	2.0
43	6.1	8.9	13.3





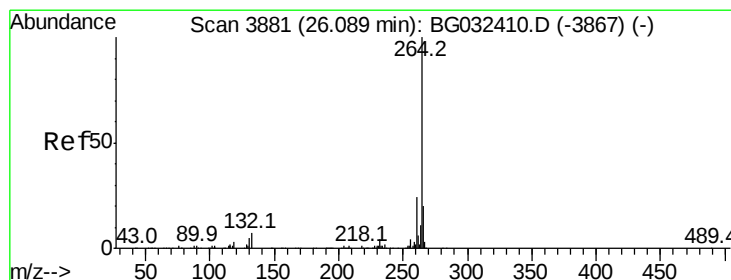
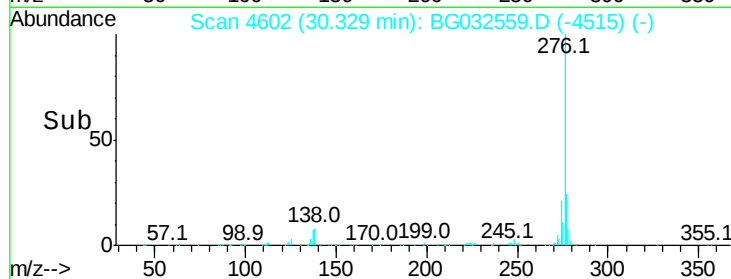
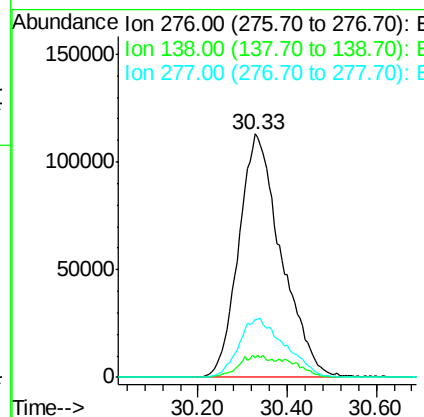
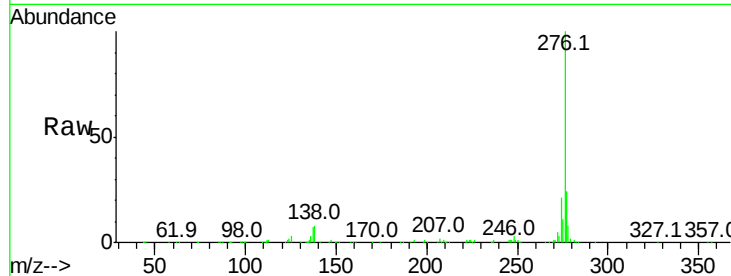
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.475 ng
 RT: 30.33 min Scan# 4602
 Delta R.T. -0.02 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Instrument :
 BNA_G
 ClientSampleId :
 PB106290BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.0	16.0	24.0#
277	26.5	20.0	30.0

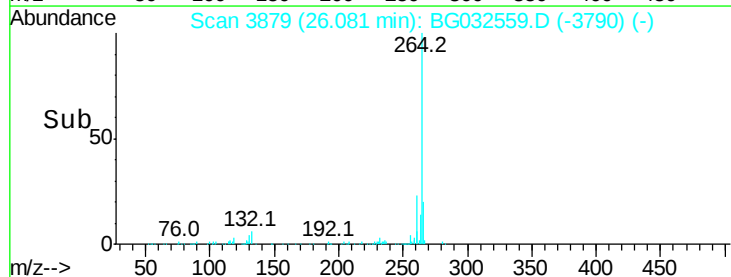
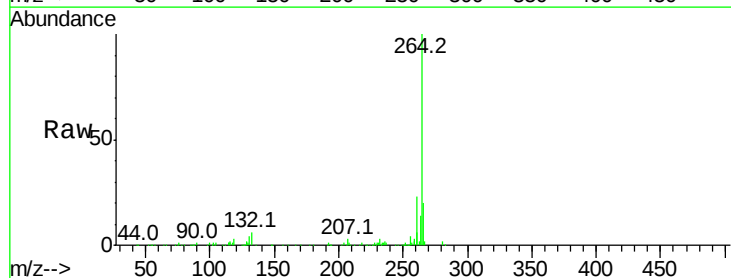
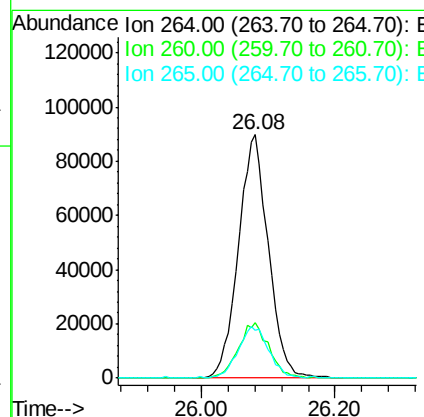
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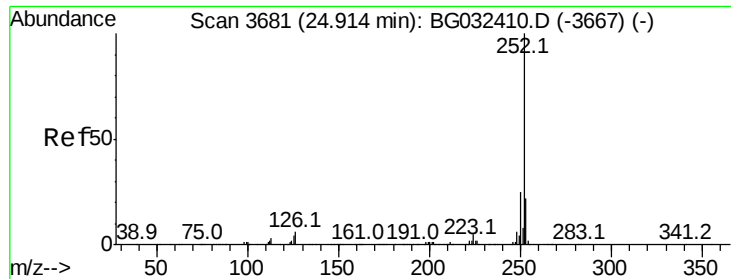
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3879
 Delta R.T. -0.01 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	19.8	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 34.351 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.01 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Instrument :

BNA_G

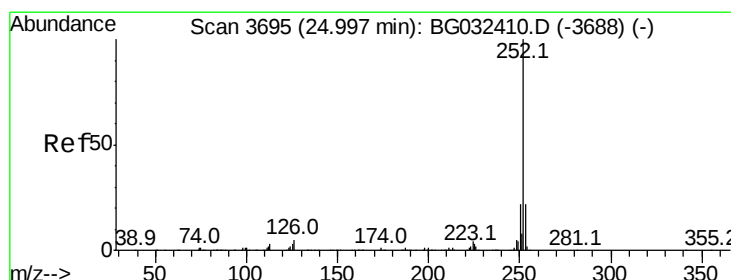
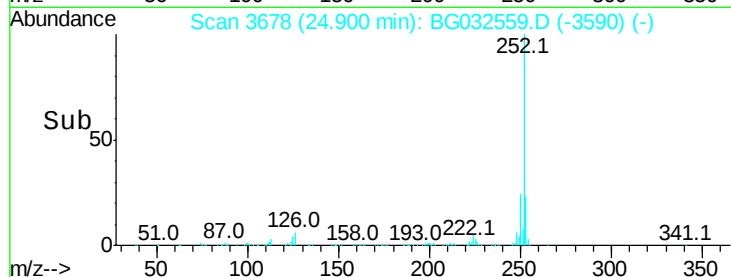
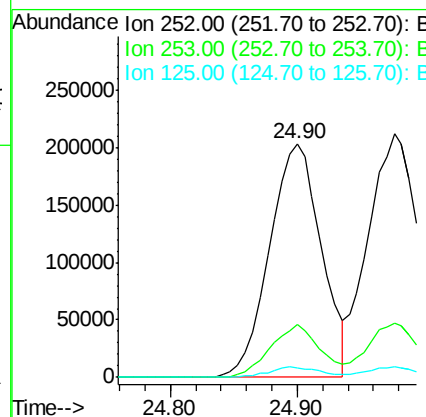
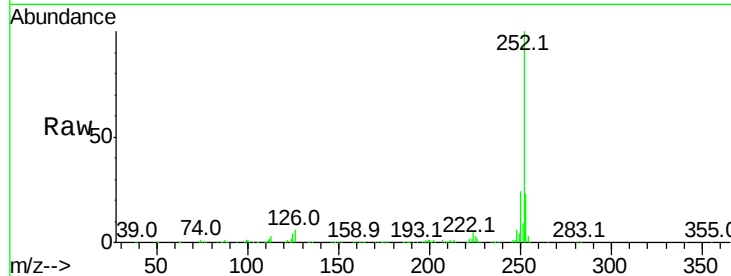
ClientSampled :

PB106290BS

Tot Ion:	252	Resp:	576554
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.2	27.4
125	4.0	7.2	10.8#

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#88

Benzo(k)fluoranthene

Concen: 35.887 ng

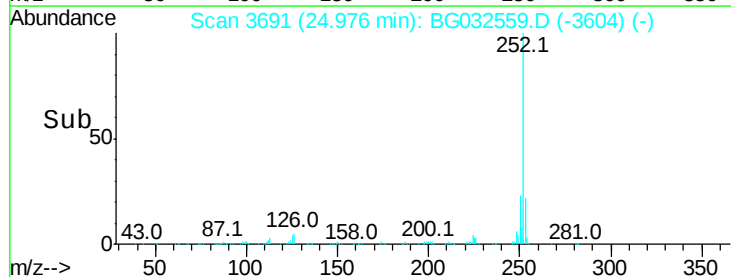
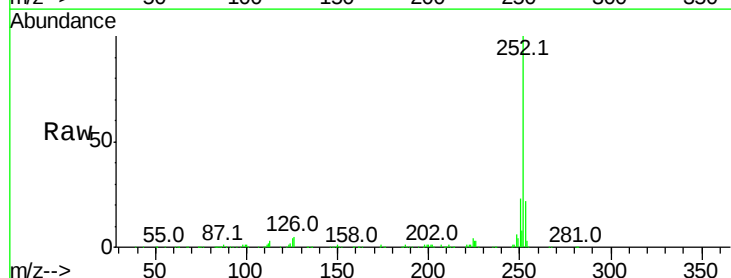
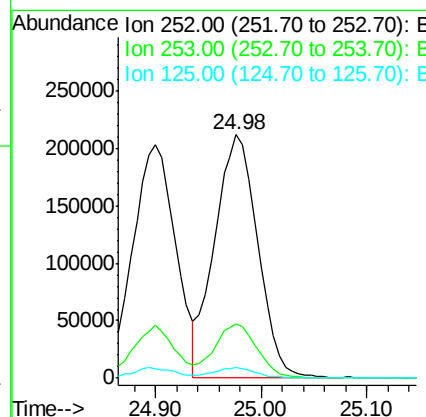
RT: 24.98 min Scan# 3691

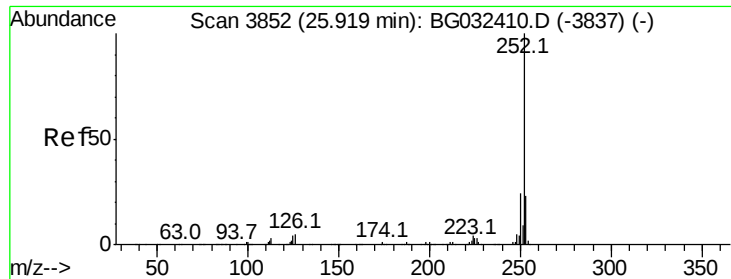
Delta R.T. -0.02 min

Lab File: BG032559.D

Acq: 6 Feb 2018 6:55

Tgt Ion:	252	Resp:	596684
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.2
125	4.3	6.6	9.8#





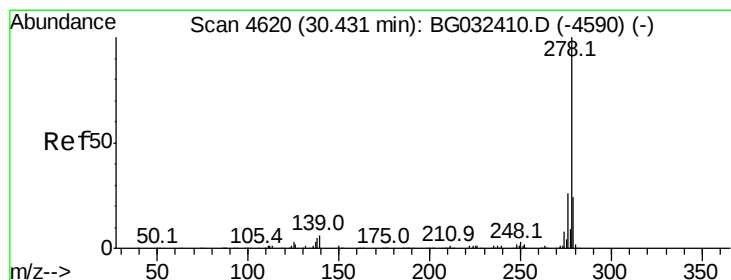
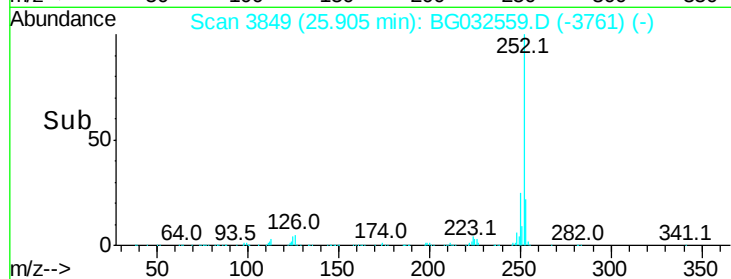
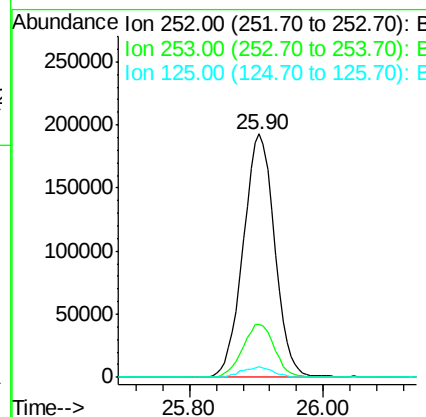
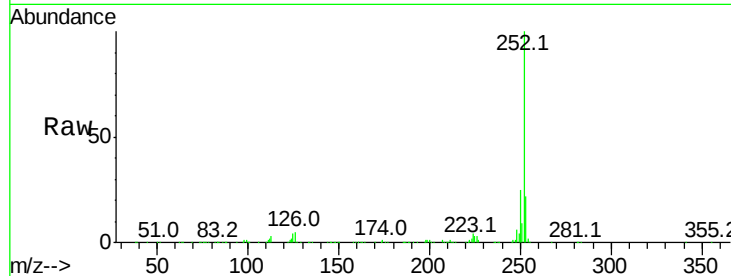
#89
Benzo(a)pyrene
Concen: 39.084 ng
RT: 25.90 min Scan# 3849
Delta R.T. -0.01 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Instrument :
BNA_G
ClientSampled :
PB106290BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.3	27.5
125	4.1	7.3	10.9

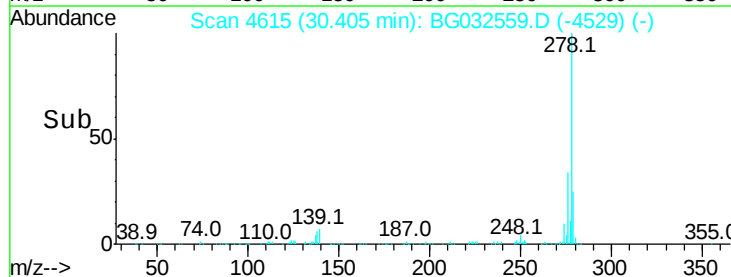
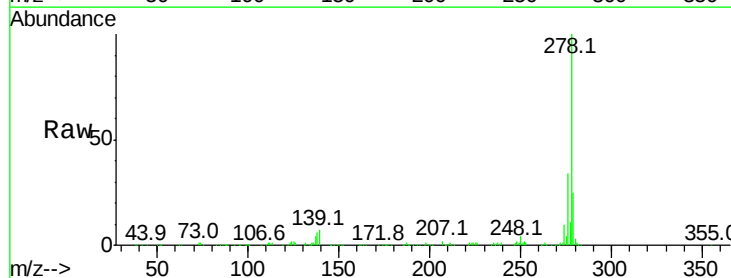
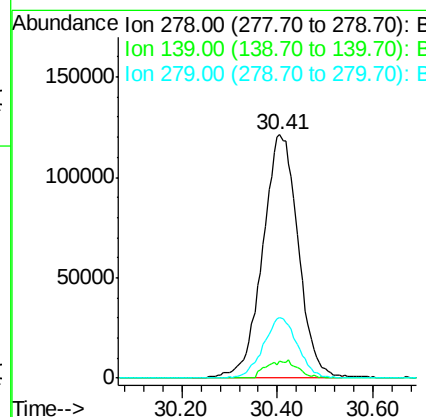
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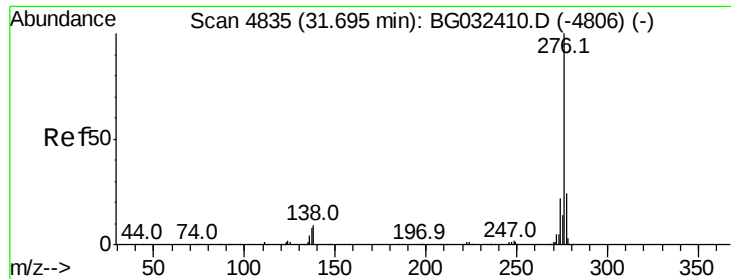
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#90
Dibenzo(a,h)anthracene
Concen: 38.118 ng
RT: 30.41 min Scan# 4615
Delta R.T. -0.03 min
Lab File: BG032559.D
Acq: 6 Feb 2018 6:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	6.9	9.8	14.6
279	25.1	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 39.453 ng
 RT: 31.67 min Scan# 4831
 Delta R.T. -0.02 min
 Lab File: BG032559.D
 Acq: 6 Feb 2018 6:55

Instrument :
 BNA_G
 ClientSampleID :
 PB106290BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.3	27.5
138	9.4	13.9	20.9

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