

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020938.D
 Acq On : 18 Feb 2016 16:34
 Operator : SJ/UM
 Sample : PB88335BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB88335BS

Manual Integrations
 APPROVED

UMANGI
 2/19/2016 3:24:45 PM

Quant Time: Feb 19 00:03:01 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	15896	20.00	ng	0.00
21) Naphthalene-d8	11.08	136	80452	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	53178	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	127231	20.00	ng	-0.01
75) Chrysene-d12	21.89	240	117812	20.00	ng	-0.02
86) Perylene-d12	25.25	264	110615	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	119842	126.96	ng	0.00
7) Phenol-d6	7.40	99	169323	122.73	ng	0.00
23) Nitrobenzene-d5	9.43	82	89481	73.13	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	69310	132.54	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	253625	67.00	ng	-0.01
78) Terphenyl-d14	20.18	244	367446	72.76	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.62	88	10500	30.59	ng	94
3) Pyridine	4.04	79	32315	31.83	ng	98
4) n-Nitrosodimethylamine	3.95	42	9283	34.95	ng	89
6) Aniline	7.57	93	23293	13.54	ng	98
8) 2-Chlorophenol	7.82	128	46398	39.35	ng	98
9) Benzaldehyde	7.39	77	9999	14.47	ng	90
10) Phenol	7.43	94	58487	40.06	ng	98
11) bis(2-Chloroethyl)ether	7.67	93	41252	35.37	ng	95
12) 1,3-Dichlorobenzene	8.15	146	43531	34.92	ng	97
13) 1,4-Dichlorobenzene	8.29	146	45682	36.14	ng	98
14) 1,2-Dichlorobenzene	8.62	146	44063	35.83	ng	97
15) Benzyl Alcohol	8.49	79	34512	39.68	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.79	45	40376	33.19	ng	98
17) 2-Methylphenol	8.69	107	41912	39.85	ng	99
18) Hexachloroethane	9.35	117	15391	35.41	ng	94
19) n-Nitroso-di-n-propylamine	9.06	70	31028	34.85	ng	98
20) 3+4-Methylphenols	9.02	107	58136	39.66	ng	98
22) Acetophenone	9.08	105	65085	33.56	ng	# 99
24) Nitrobenzene	9.48	77	43720	34.28	ng	97
25) Isophorone	9.99	82	91414	35.45	ng	97
26) 2-Nitrophenol	10.19	139	25009	37.26	ng	98
27) 2,4-Dimethylphenol	10.24	122	50648	39.38	ng	97
28) bis(2-Chloroethoxy)methane	10.47	93	60622	38.14	ng	99
29) 2,4-Dichlorophenol	10.72	162	47343	41.07	ng	99
30) 1,2,4-Trichlorobenzene	10.94	180	41538	35.77	ng	98
31) Naphthalene	11.14	128	147879	35.53	ng	99
32) Benzoic acid	10.34	122	30550	29.61	ng	96
33) 4-Chloroaniline	11.24	127	14751	8.24	ng	96
34) Hexachlorobutadiene	11.41	225	20756	35.07	ng	96
35) Caprolactam	12.00	113	20303m	45.96	ng	
36) 4-Chloro-3-methylphenol	12.34	107	55090	41.71	ng	97
37) 2-Methylnaphthalene	12.72	142	114600	39.24	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	47566	30.49	ng	98
40) Hexachlorocyclopentadiene	13.06	237	50680	73.85	ng	98

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 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	38733	36.96	nq	98
43) 2,4,5-Trichlorophenol	13.39	196	43343	39.34	nq	97
45) 1,1'-Biphenyl	13.71	154	149757	31.92	nq	100
46) 2-Chloronaphthalene	13.76	162	112274	33.43	nq	99
47) 2-Nitroaniline	13.95	65	31371	39.00	nq	97
48) Acenaphthylene	14.60	152	206293	35.32	nq	99
49) Dimethylphthalate	14.32	163	158744	38.18	nq	100
50) 2,6-Dinitrotoluene	14.44	165	35269	39.58	nq	97
51) Acenaphthene	14.94	154	135414	38.24	nq	98
52) 3-Nitroaniline	14.77	138	15222	14.70	nq	93
53) 2,4-Dinitrophenol	14.97	184	27530	73.61	nq	93
54) Dibenzofuran	15.27	168	192127	41.02	nq	99
55) 4-Nitrophenol	15.07	139	68339	87.39	nq	98
56) 2,4-Dinitrotoluene	15.22	165	50622	43.95	nq	98
57) Fluorene	15.91	166	167294	38.79	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.48	232	38151	45.44	nq	99
59) Diethylphthalate	15.67	149	171997	40.24	nq	99
60) 4-Chlorophenyl-phenylether	15.90	204	71301	37.22	nq	97
61) 4-Nitroaniline	15.93	138	43392	41.75	nq	95
62) Azobenzene	16.19	77	141336	42.05	nq	99
64) 4,6-Dinitro-2-methylphenol	15.98	198	21985	35.61	nq	97
65) n-Nitrosodiphenylamine	16.11	169	142926	34.77	nq	98
66) 4-Bromophenyl-phenylether	16.79	248	45473	33.84	nq	98
67) Hexachlorobenzene	16.91	284	49733	34.78	nq	99
68) Atrazine	17.05	200	46582	37.34	nq	100
69) Pentachlorophenol	17.25	266	55999	68.31	nq	96
70) Phenanthrene	17.65	178	263245	36.34	nq	99
71) Anthracene	17.74	178	263894	35.89	nq	99
72) Carbazole	18.00	167	239063	36.23	nq	99
73) Di-n-butylphthalate	18.55	149	294709	34.83	nq	100
74) Fluoranthene	19.64	202	272781	34.86	nq	99
76) Benzidine	19.81	184	46109	12.10	nq	98
77) Pyrene	20.00	202	283081	36.43	nq	99
79) Butylbenzylphthalate	20.87	149	130081	34.96	nq	99
80) Benzo(a)anthracene	21.86	228	254930	36.25	nq	99
81) 3,3'-Dichlorobenzidine	21.77	252	27357	10.48	nq	98
82) Chrysene	21.93	228	230430	34.84	nq	99
83) Bis(2-ethylhexyl)phthalate	21.75	149	191388	34.70	nq	100
84) Di-n-octyl phthalate	23.01	149	325615	35.96	nq	99
85) Indeno(1,2,3-cd)pyrene	29.11	276	279426	36.73	nq	# 88
87) Benzo(b)fluoranthene	24.18	252	252526	37.30	nq	99
88) Benzo(k)fluoranthene	24.25	252	241055	36.34	nq	100
89) Benzo(a)pyrene	25.10	252	241301	37.41	nq	99
90) Dibenzo(a,h)anthracene	29.18	278	230400	36.73	nq	97
91) Benzo(g,h,i)perylene	30.32	276	227412	36.53	nq	99

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

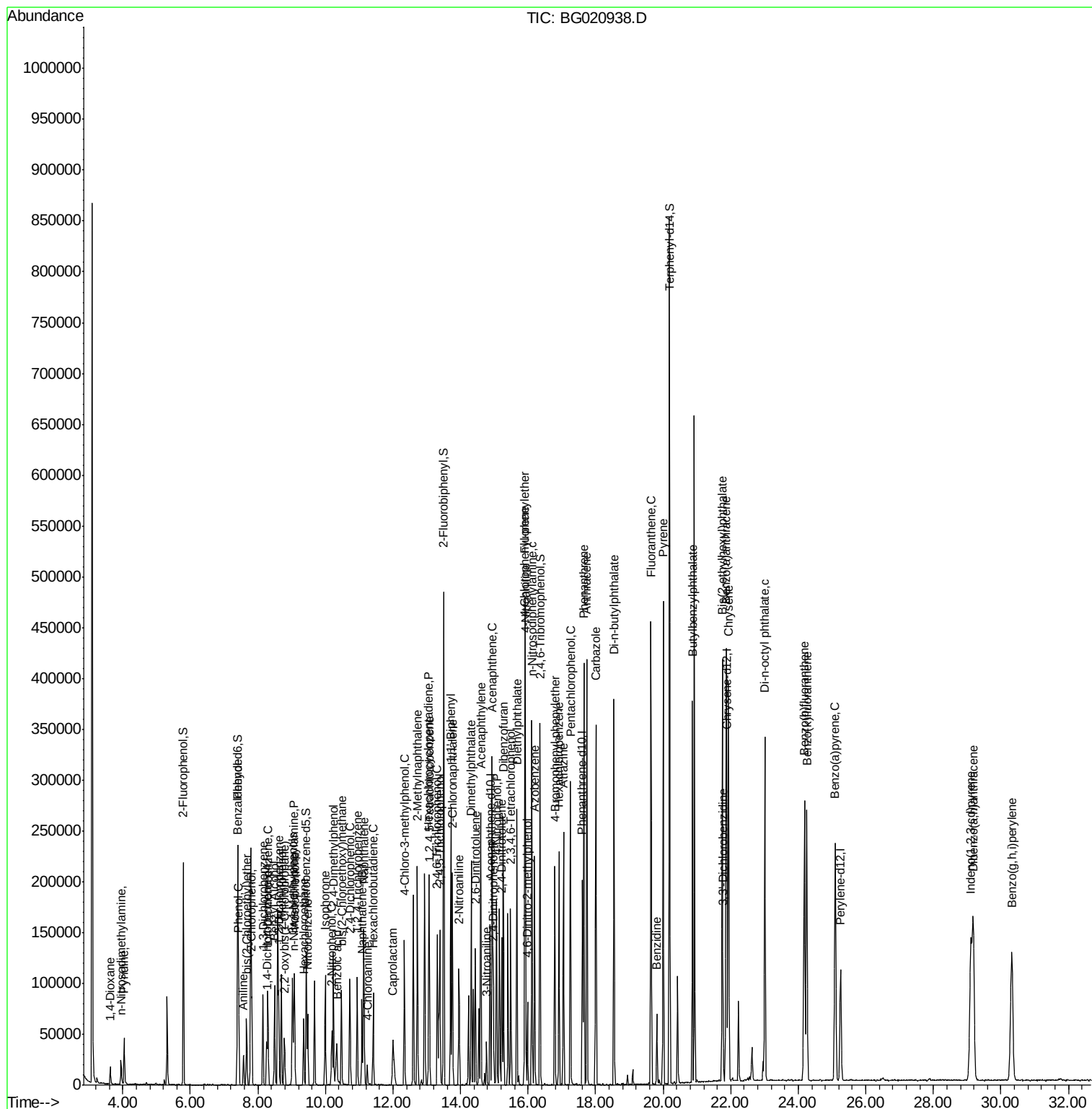
Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
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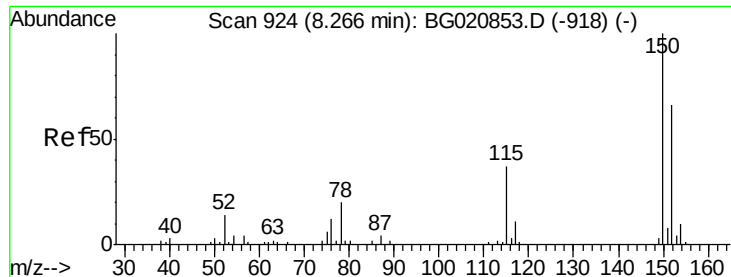
Instrument :
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#1

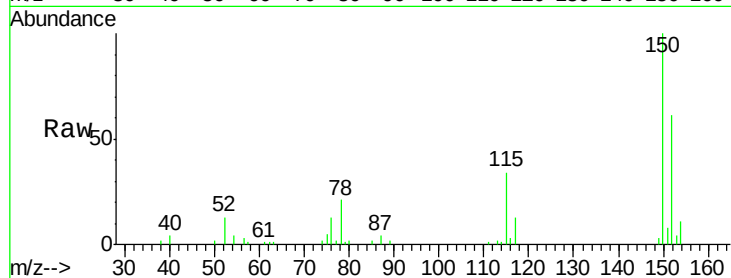
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Instrument :
BNA_G
ClientSampleId :
PB88335BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.0	122.0	183.0
115	56.2	45.2	67.8

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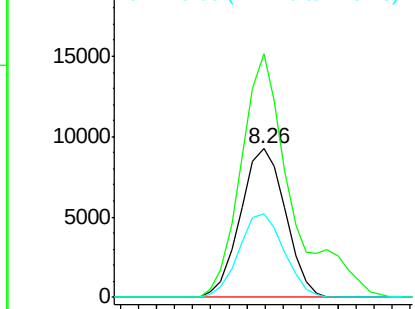


Abundance

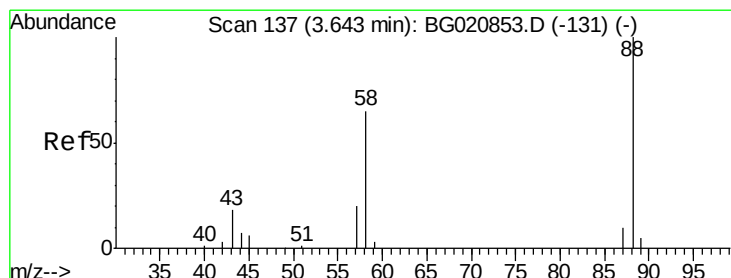
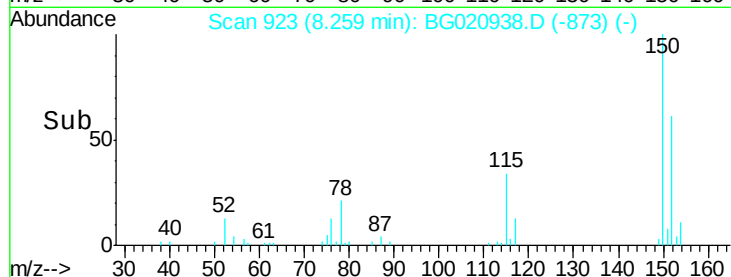
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



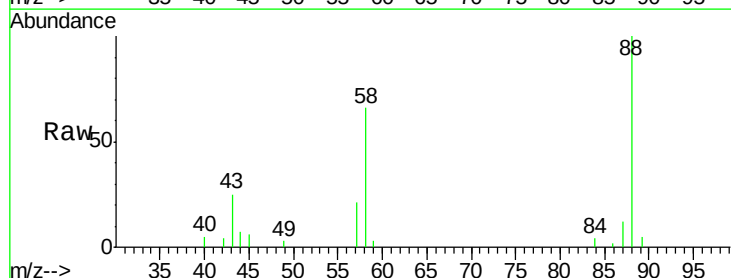
Time-->



#2

1,4-Dioxane
Concen: 30.59 ng
RT: 3.62 min Scan# 134
Delta R.T. -0.02 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.0	50.3	75.5
43	19.1	14.5	21.7

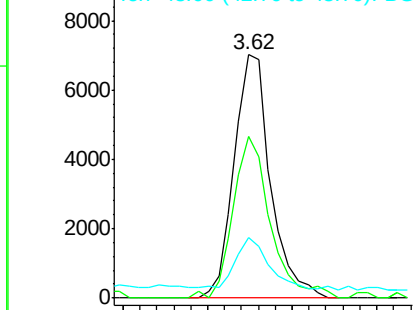


Abundance

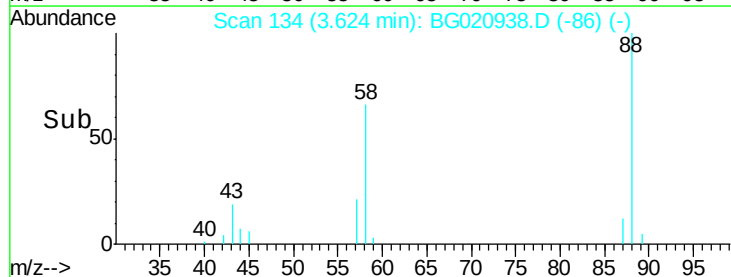
Ion 88.00 (87.70 to 88.70): BGC

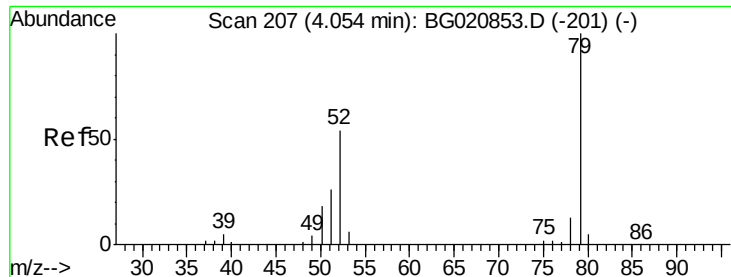
Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



Time-->





#3

Pvridine

Concen: 31.83 ng

RT: 4.04 min Scan# 204

Delta R.T. -0.02 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

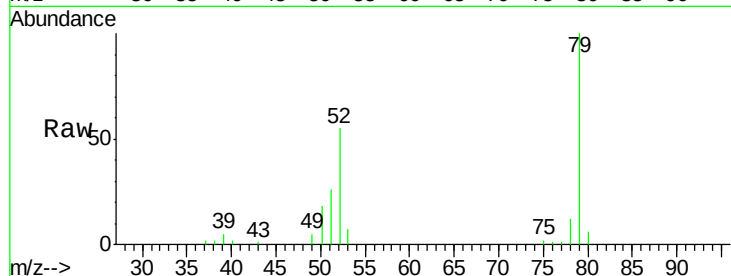
ClientSampleId :

PB88335BS

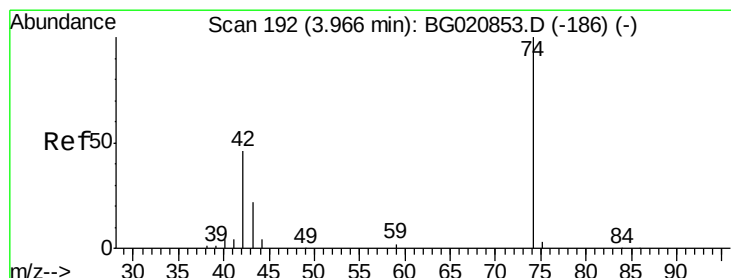
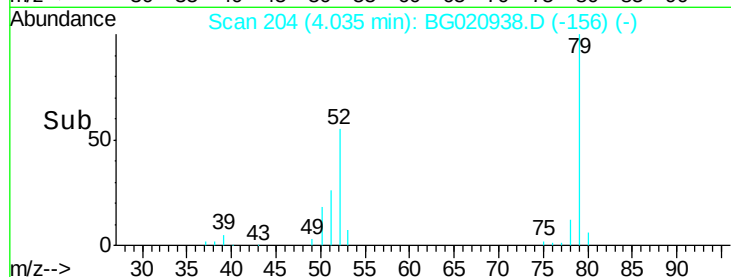
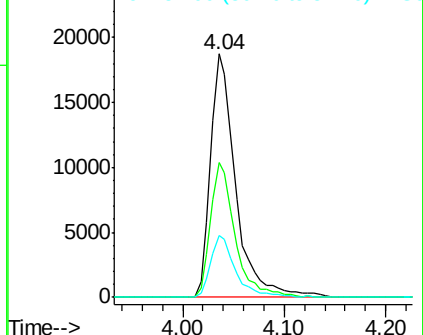
Tot Ion:	79	Resp:	32315
Ion	Ratio	Lower	Upper
79	100		
52	55.3	43.1	64.7
51	25.6	20.7	31.1

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 34.95 ng

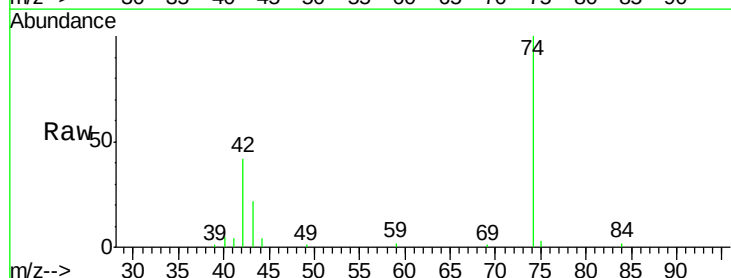
RT: 3.95 min Scan# 189

Delta R.T. -0.02 min

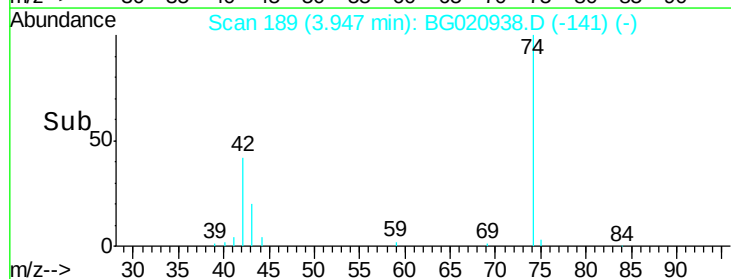
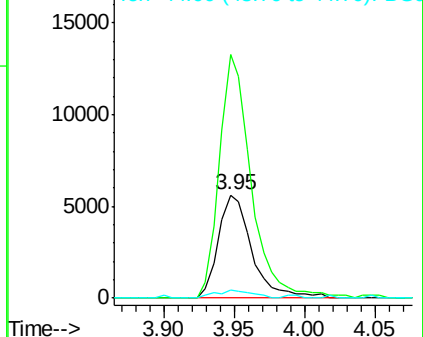
Lab File: BG020938.D

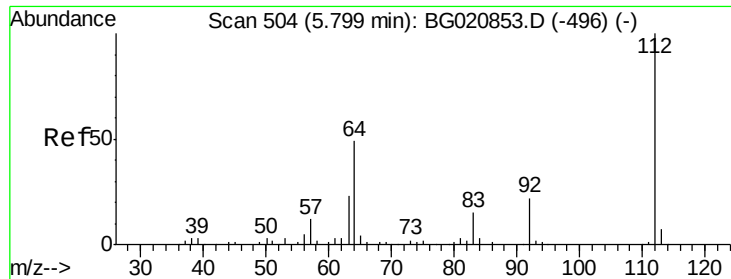
Acq: 18 Feb 2016 16:34

Tgt Ion:	42	Resp:	9283
Ion	Ratio	Lower	Upper
42	100		
74	235.7	173.8	260.6
44	8.5	6.3	9.5



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 126.96 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

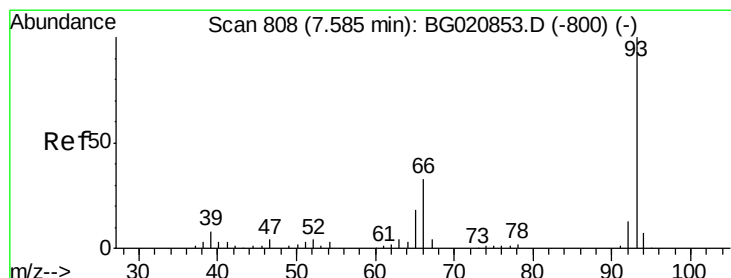
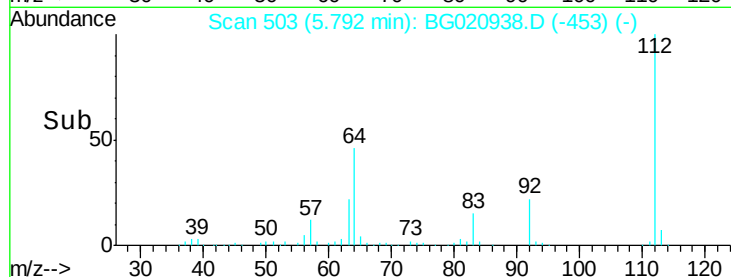
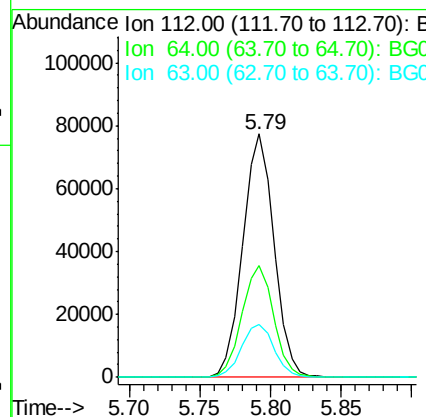
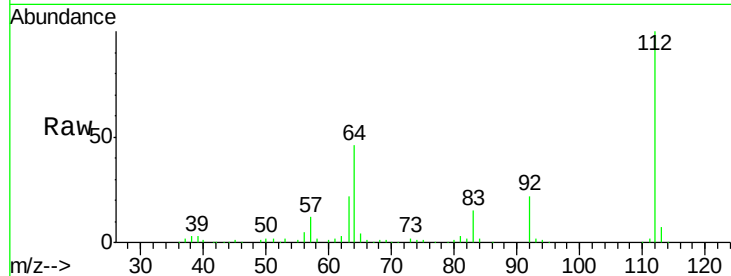
ClientSampled :

PB88335BS

Tot Ion:	112	Resp:	119842
Ion Ratio	Lower	Upper	
112	100		
64	46.1	39.3	58.9
63	21.9	18.2	27.4

Manual Integrations
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#6

Aniline

Concen: 13.54 ng

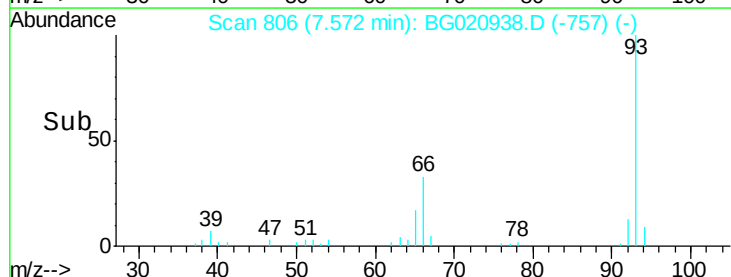
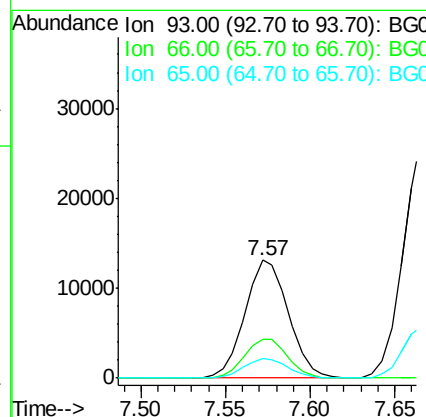
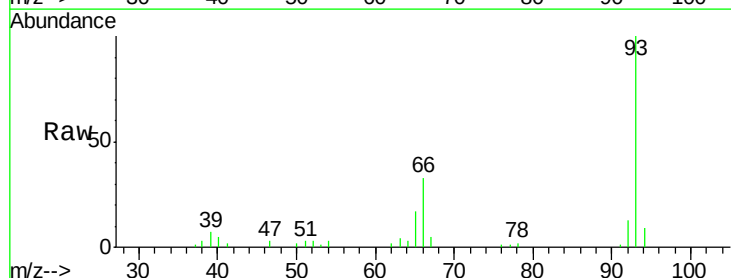
RT: 7.57 min Scan# 806

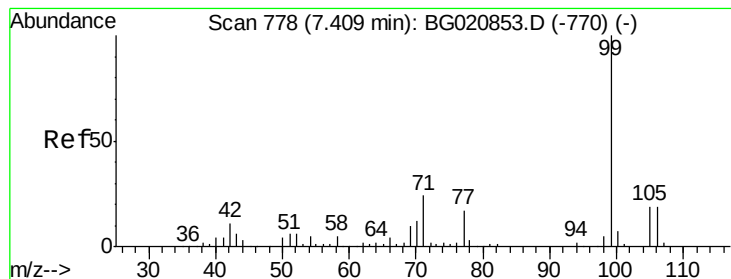
Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Tgt Ion:	93	Resp:	23293
Ion Ratio	Lower	Upper	
93	100		
66	32.5	26.6	40.0
65	16.6	14.0	21.0





#7

Phenol-d6

Concen: 122.73 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

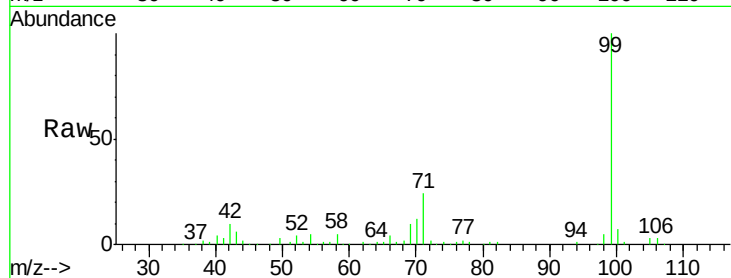
ClientSampleId :

PB88335BS

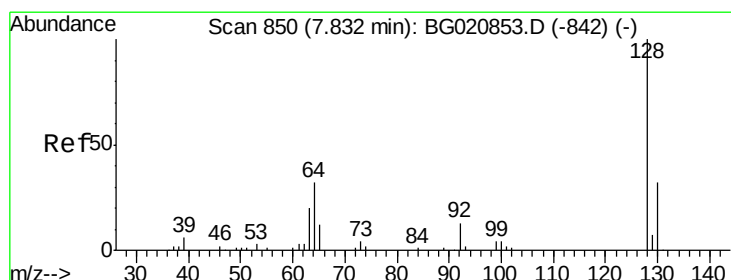
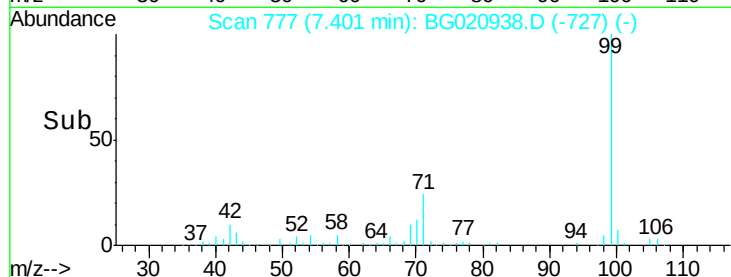
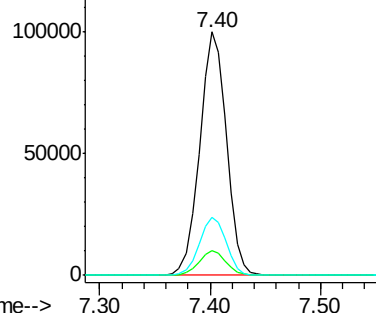
Tot Ion:	99	Resp:	169323
Ion Ratio	Lower	Upper	
99	100		
42	10.3	8.4	12.6
71	23.7	19.4	29.0

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.35 ng

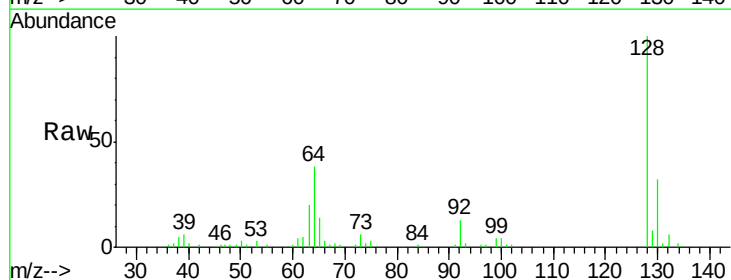
RT: 7.82 min Scan# 848

Delta R.T. -0.01 min

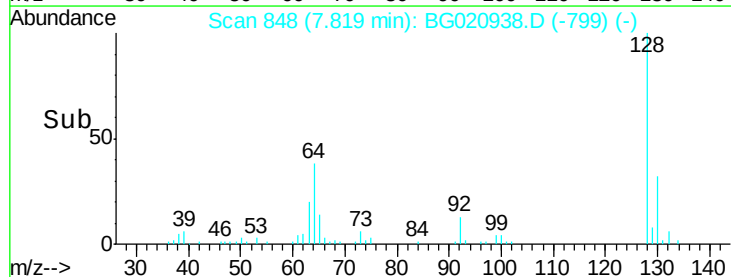
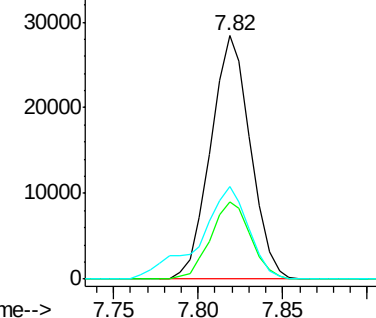
Lab File: BG020938.D

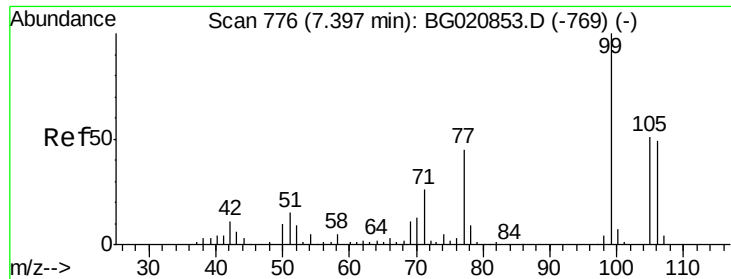
Acq: 18 Feb 2016 16:34

Tgt Ion:	128	Resp:	46398
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.3	52.3
64	37.8	15.9	55.9



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 14.47 ng

RT: 7.39 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

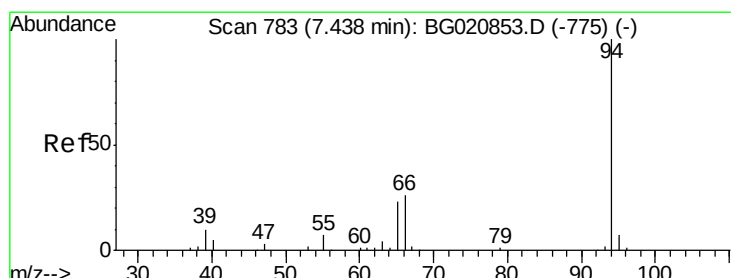
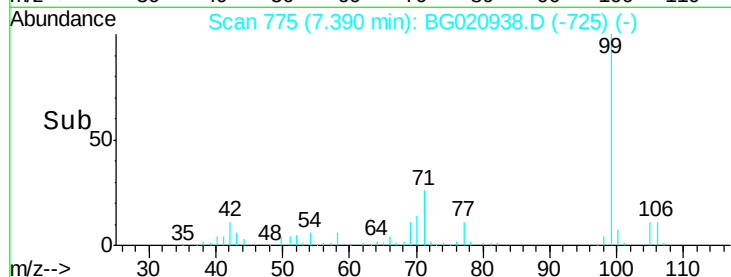
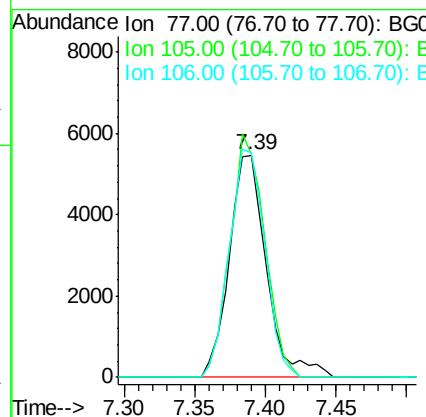
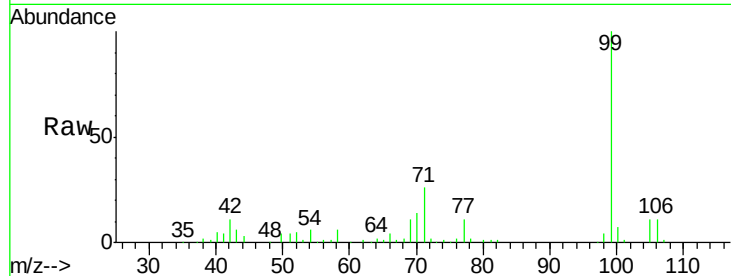
ClientSampleId :

PB88335BS

Tot Ion:	77	Resp:	9999
Ion	Ratio	Lower	Upper
77	100		
105	100.1	93.4	133.4
106	100.6	88.7	128.7

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#10

Phenol

Concen: 40.06 ng

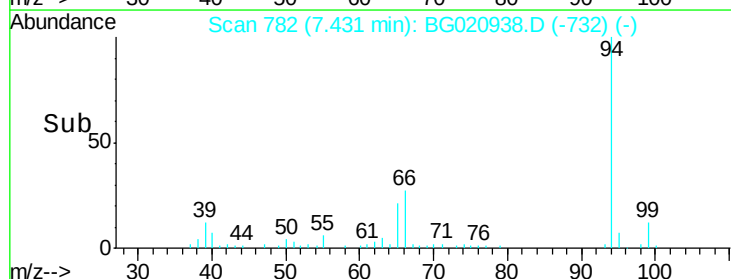
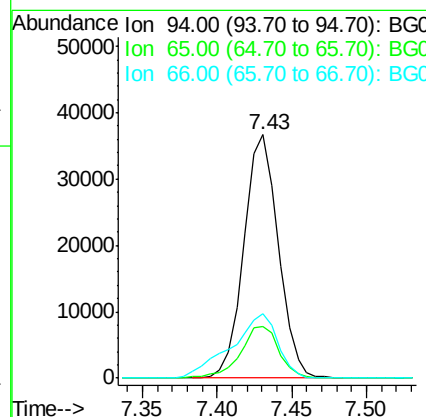
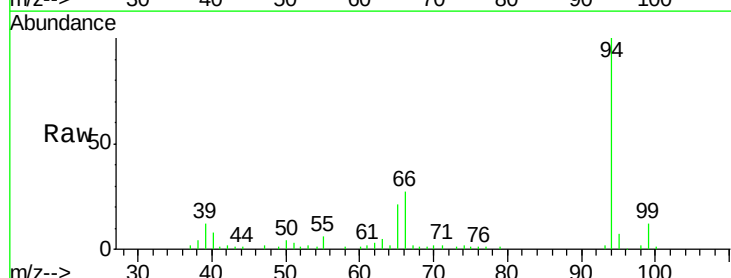
RT: 7.43 min Scan# 782

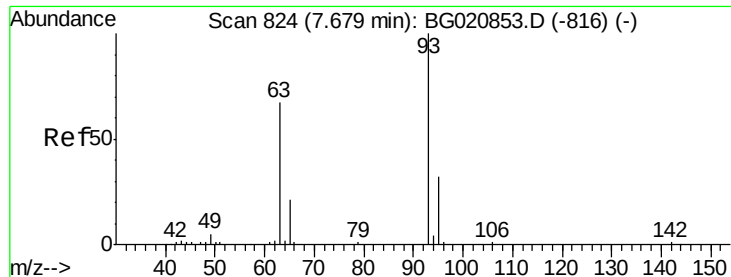
Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Tgt Ion:	94	Resp:	58487
Ion	Ratio	Lower	Upper
94	100		
65	21.4	2.8	42.8
66	26.7	7.2	47.2





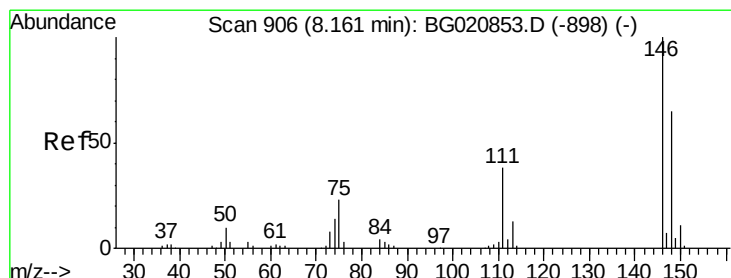
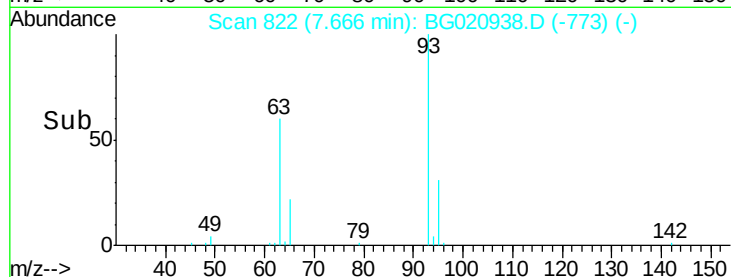
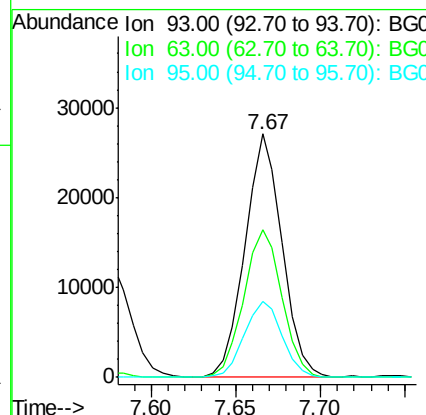
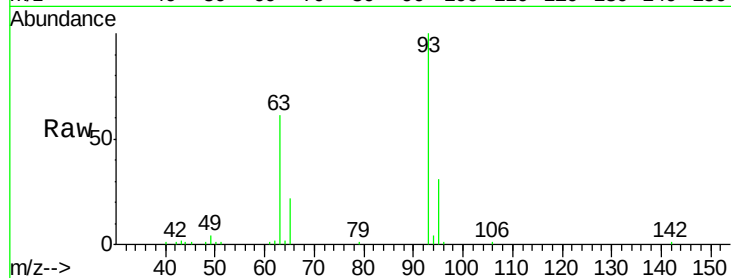
#11
bis(2-Chloroethyl)ether
Concen: 35.37 ng
RT: 7.67 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Instrument :
BNA_G
ClientSampleId :
PB88335BS

Tot Ion:	93	Resp:	41252
Ion	Ratio	Lower	Upper
93	100		
63	60.7	46.4	86.4
95	31.4	12.1	52.1

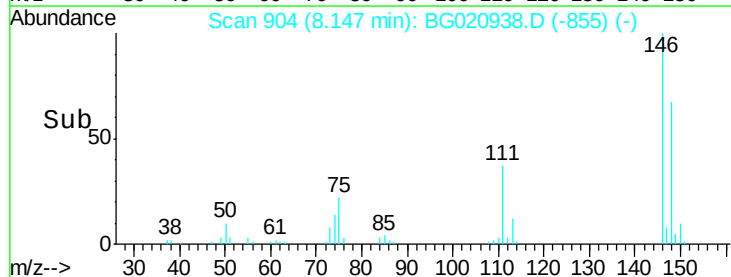
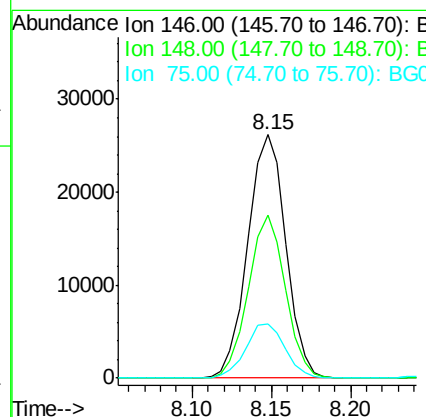
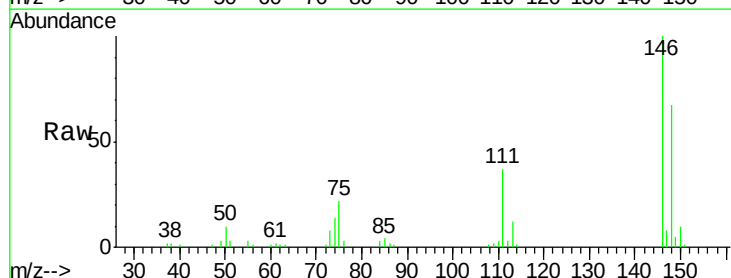
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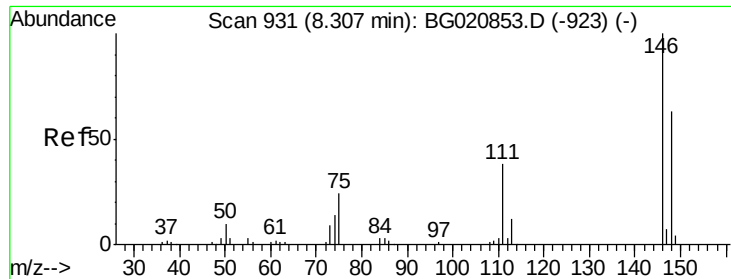
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#12
1,3-Dichlorobenzene
Concen: 34.92 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion:	146	Resp:	43531
Ion	Ratio	Lower	Upper
146	100		
148	67.1	51.8	77.8
75	22.2	18.7	28.1





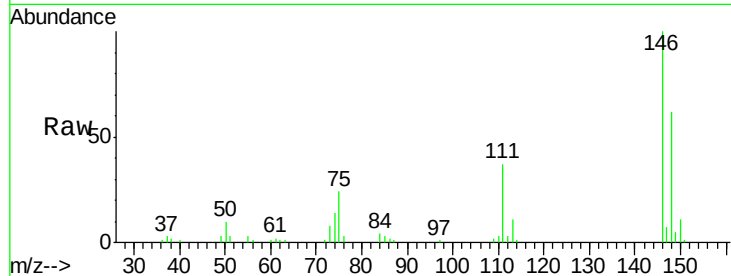
#13
 1,4-Dichlorobenzene
 Concen: 36.14 ng
 RT: 8.29 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Instrument :
 BNA_G
 ClientSampleId :
 PB88335BS

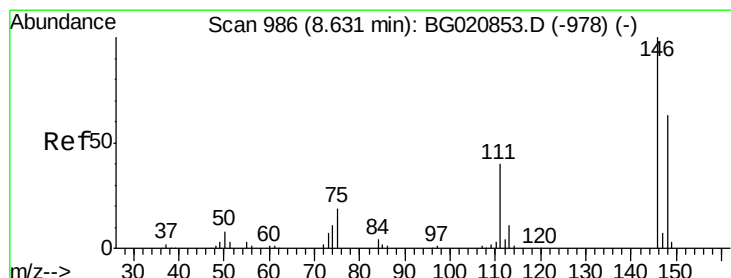
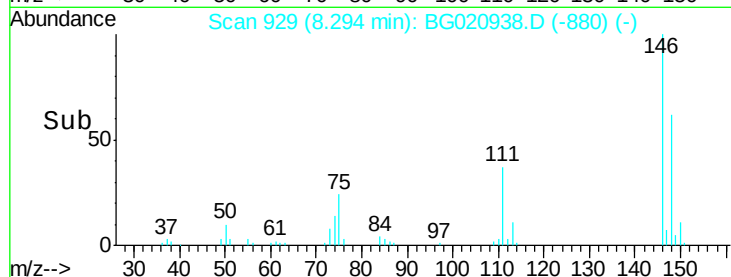
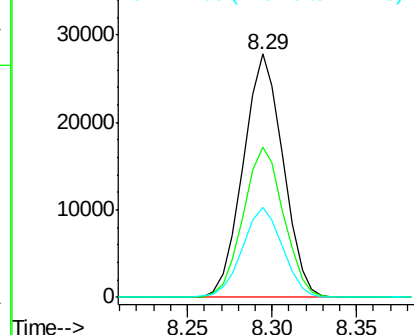
Tot Ion	Ratio	Lower	Upper
146	100		
148	61.7	50.8	76.2
111	36.9	30.1	45.1

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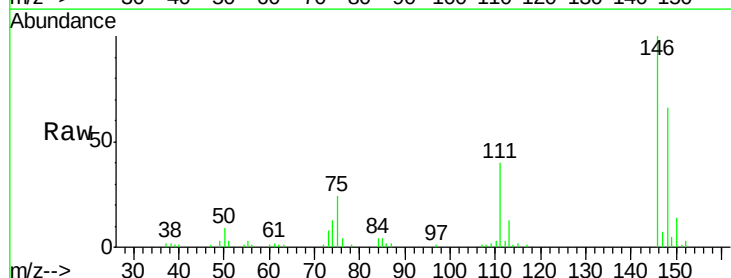


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

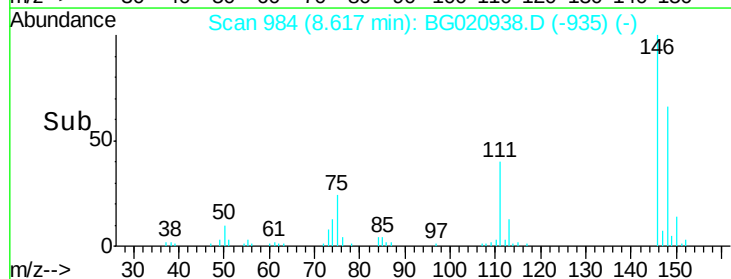
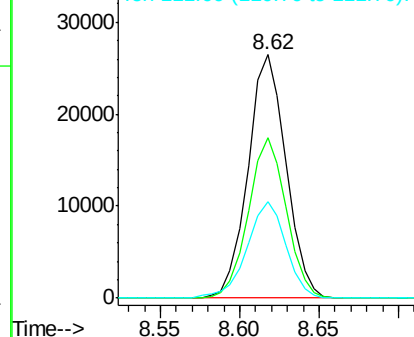


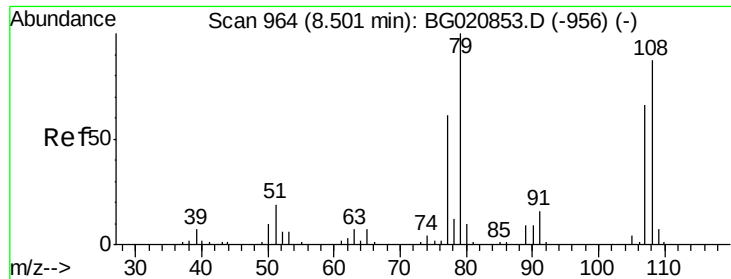
#14
 1,2-Dichlorobenzene
 Concen: 35.83 ng
 RT: 8.62 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.6	76.0
111	39.8	32.6	48.8



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





#15

Benzyl Alcohol

Concen: 39.68 ng

RT: 8.49 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

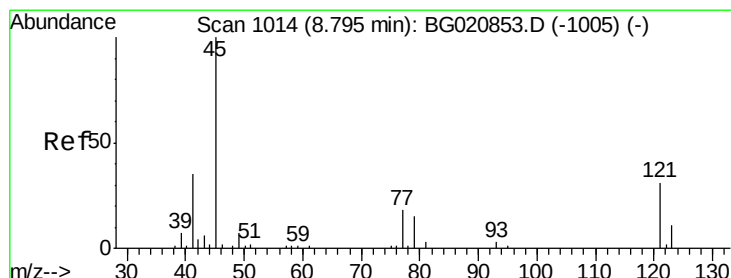
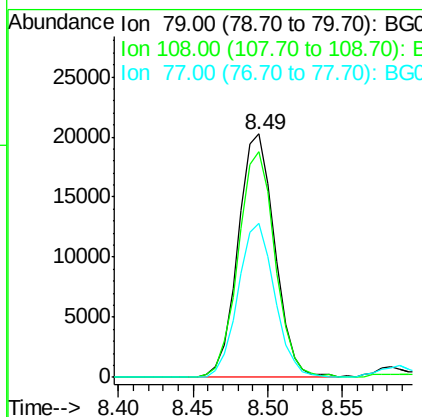
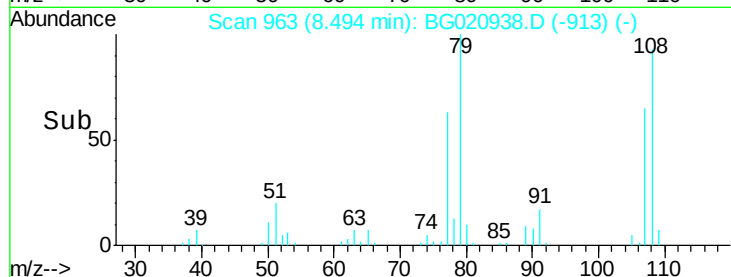
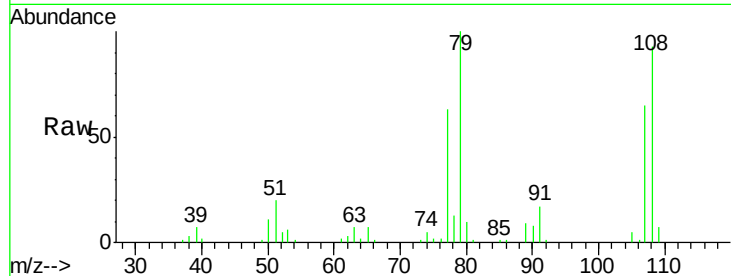
ClientSampled :

PB88335BS

Tot Ion:	79	Resp:	34512
Ion	Ratio	Lower	Upper
79	100		
108	92.8	69.4	104.2
77	63.2	48.6	73.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.19 ng

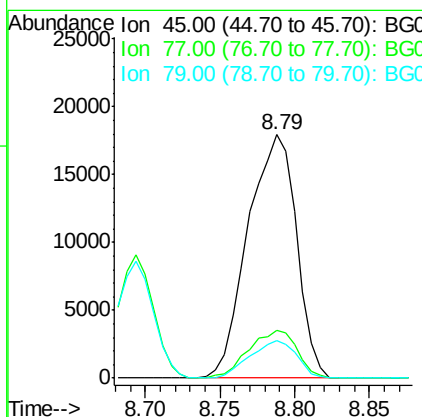
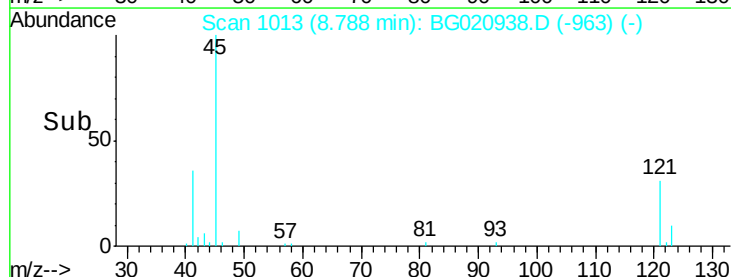
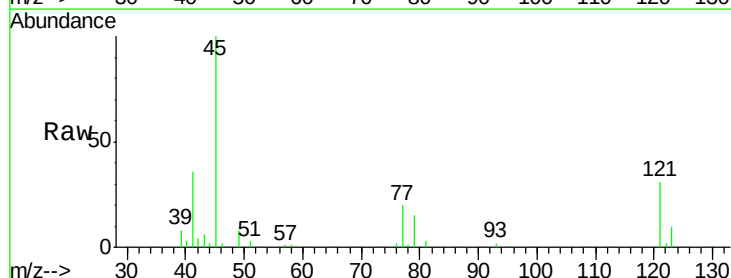
RT: 8.79 min Scan# 1013

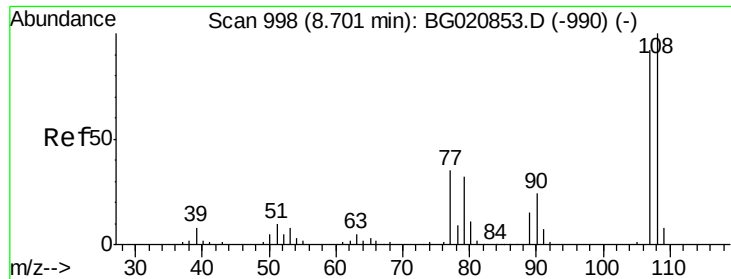
Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Tgt Ion:	45	Resp:	40376
Ion	Ratio	Lower	Upper
45	100		
77	19.9	0.0	38.5
79	15.3	0.0	34.9





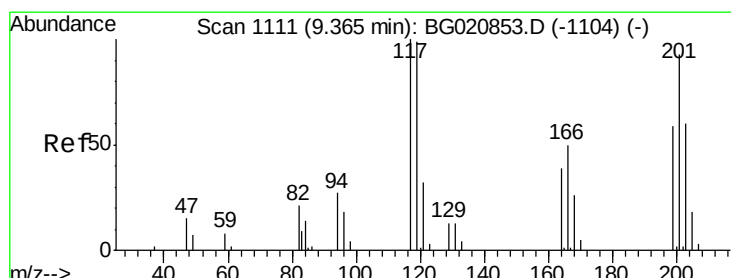
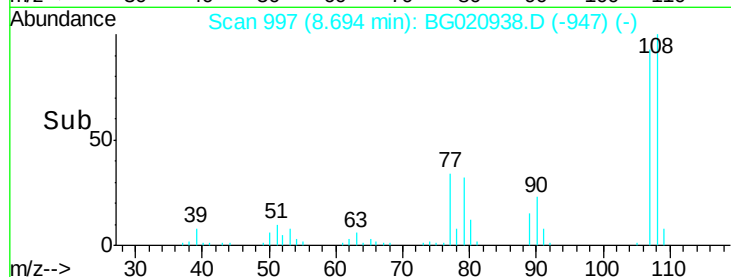
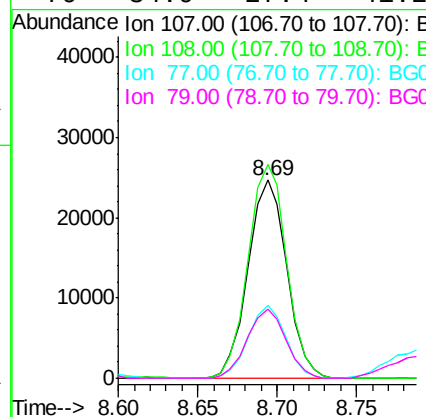
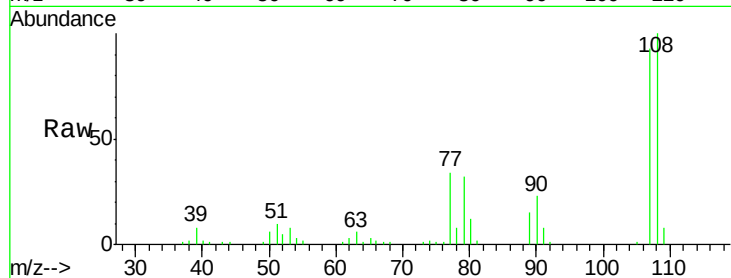
#17
2-Methylphenol
Concen: 39.85 ng
RT: 8.69 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Instrument :
BNA_G
ClientSampleId :
PB88335BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.9	87.0	130.4	
77	36.8	30.1	45.1	
79	34.9	27.4	41.2	

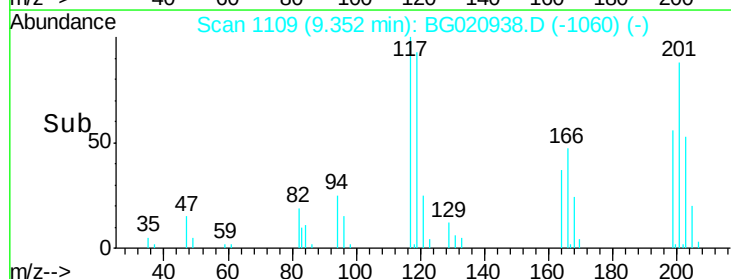
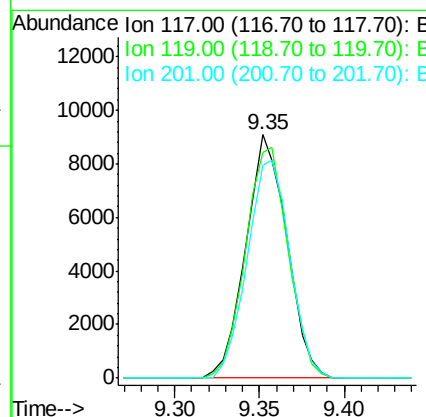
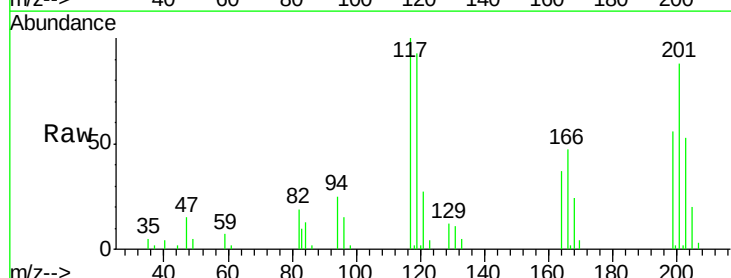
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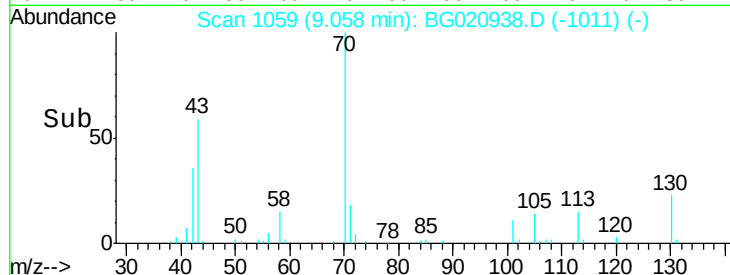
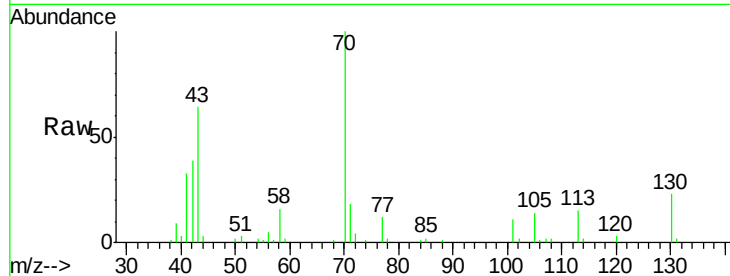
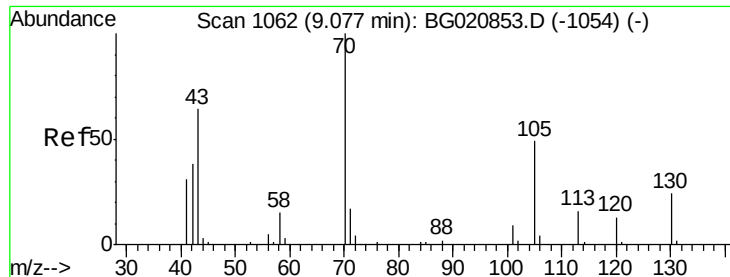
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#18
Hexachloroethane
Concen: 35.41 ng
RT: 9.35 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.9	79.6	119.4	
201	87.6	74.5	111.7	





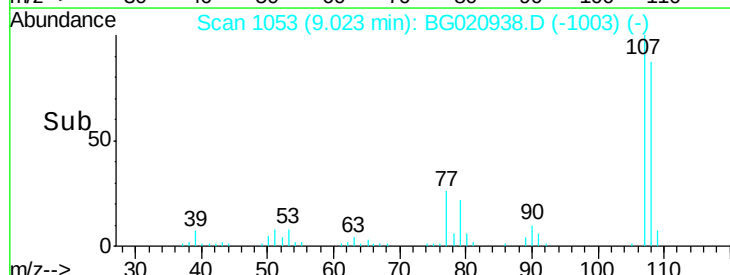
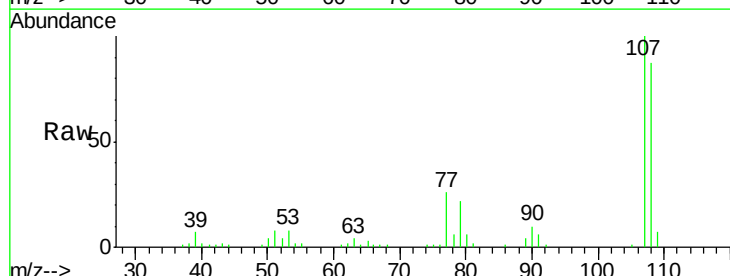
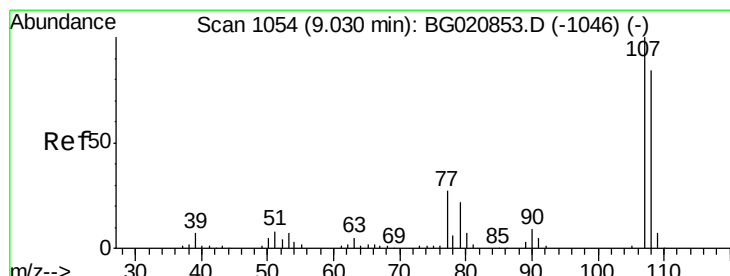
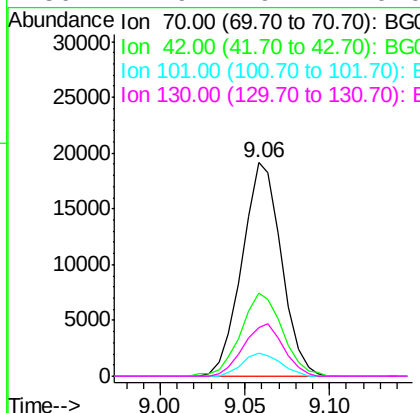
#19
n-Nitroso-di-n-propylamine
Concen: 34.85 ng
RT: 9.06 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Instrument :
BNA_G
ClientSampleId :
PB88335BS

Tot Ion	Ion	Ratio	Lower	Upper
31028	70	100		
	42	39.2	30.9	46.3
	101	10.7	7.3	10.9
	130	22.9	19.4	29.0

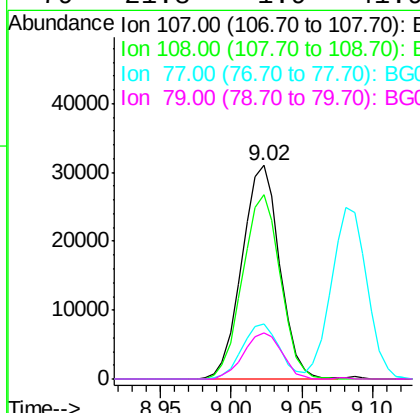
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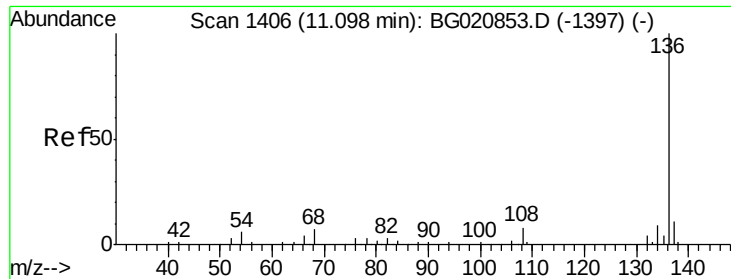
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#20
3+4-Methylphenols
Concen: 39.66 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion	Ion	Ratio	Lower	Upper
58136	107	100		
	108	86.5	64.4	104.4
	77	26.0	7.1	47.1
	79	21.8	1.9	41.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.08 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

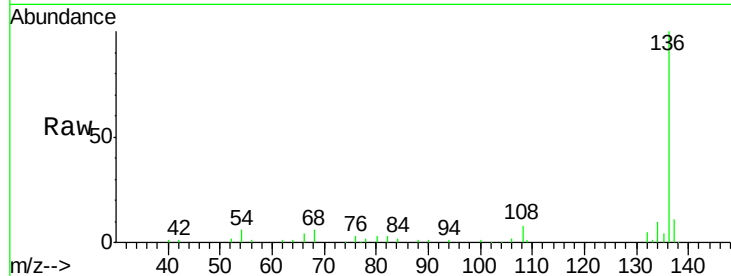
ClientSampleId :

PB88335BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	80452		
137	11.0		8.8	13.2
54	5.9		5.0	7.4
68	6.2		5.2	7.8

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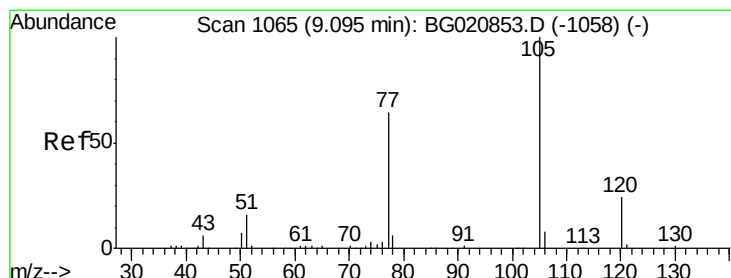
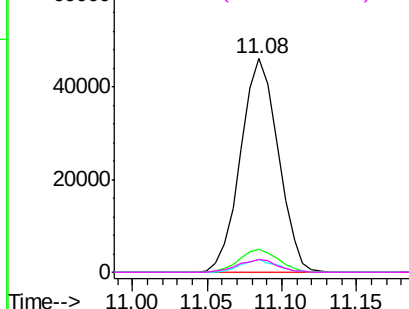
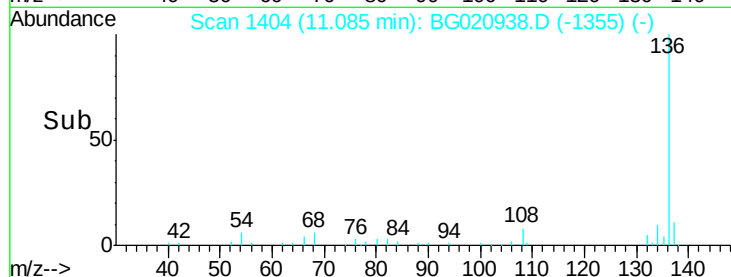


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.56 ng

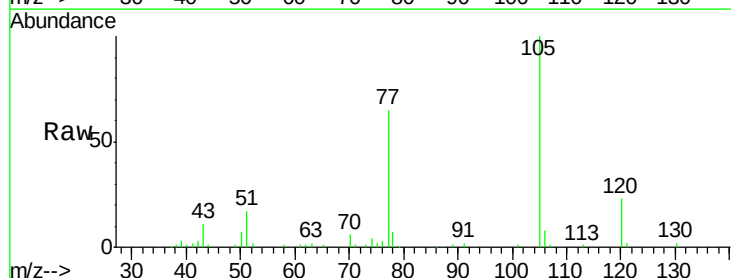
RT: 9.08 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	65085		
71	1.1		1.4	2.0#
51	17.0		13.7	20.5
120	23.2		19.0	28.6

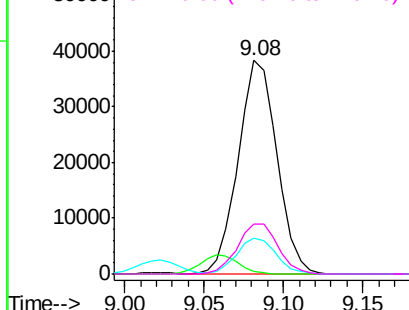
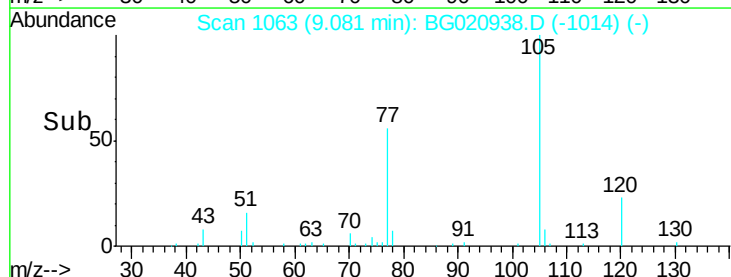


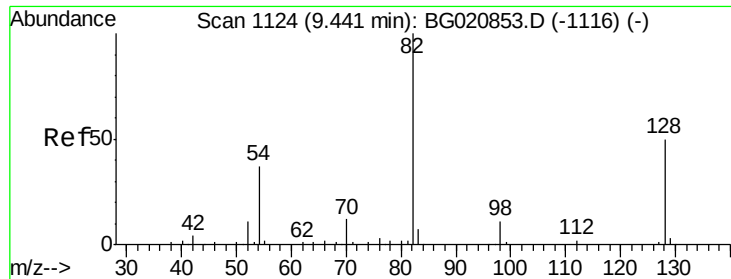
Abundance Ion 105.00 (104.70 to 105.70): E

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





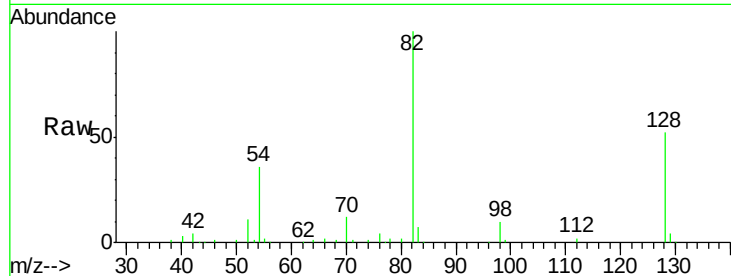
#23
 Nitrobenzene-d5
 Concen: 73.13 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Instrument :
 BNA_G
 ClientSampleId :
 PB88335BS

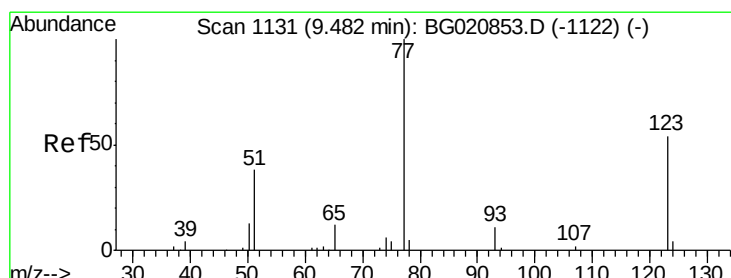
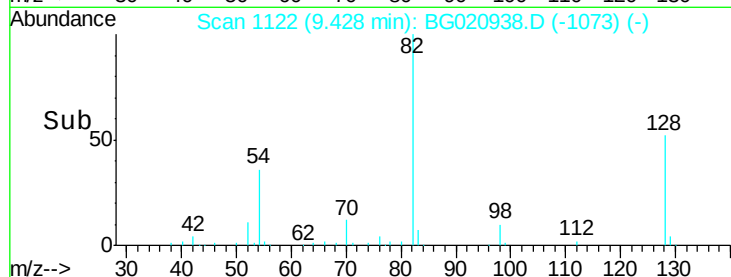
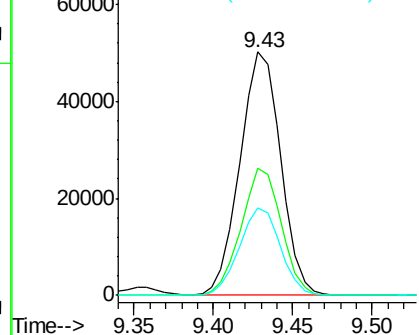
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	52.1	40.1	60.1	
54	36.0	29.5	44.3	

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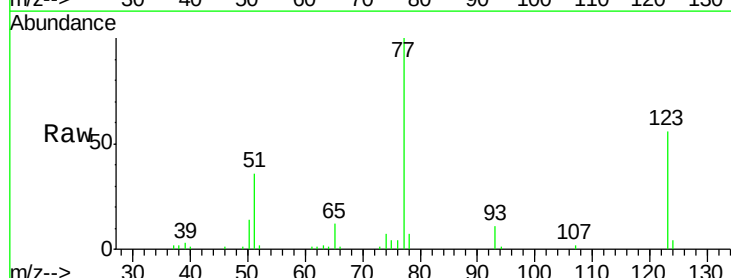


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

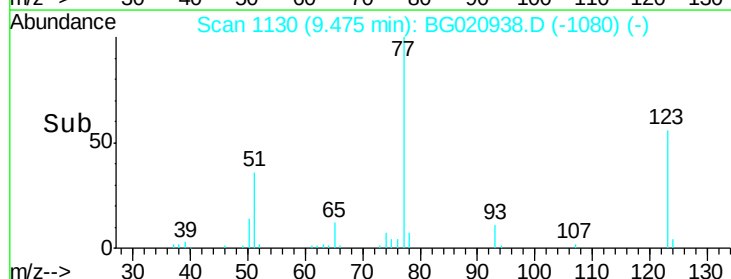
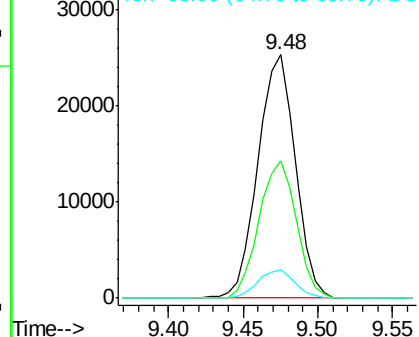


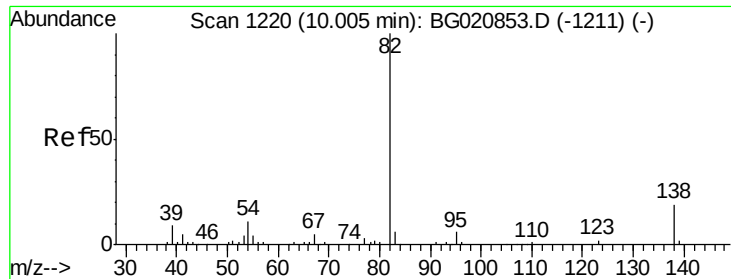
#24
 Nitrobenzene
 Concen: 34.28 ng
 RT: 9.48 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	56.3	43.2	64.8	
65	11.5	9.2	13.8	



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 35.45 ng

RT: 9.99 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

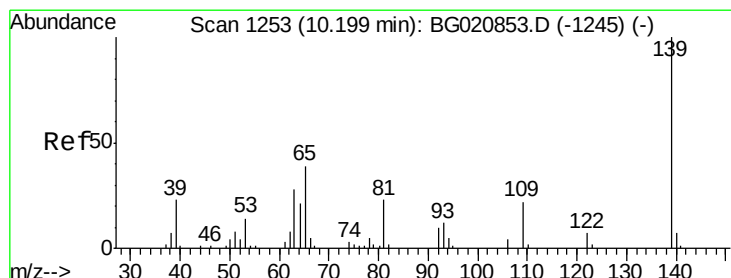
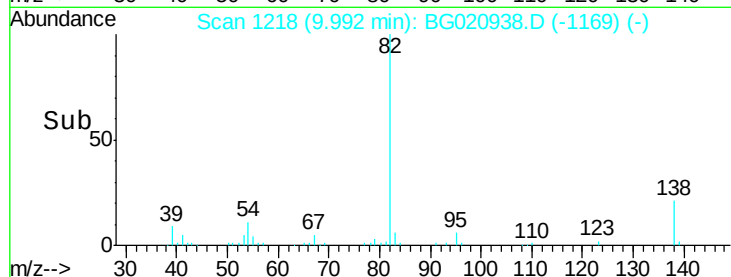
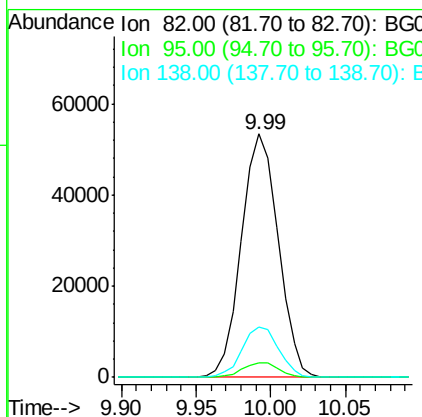
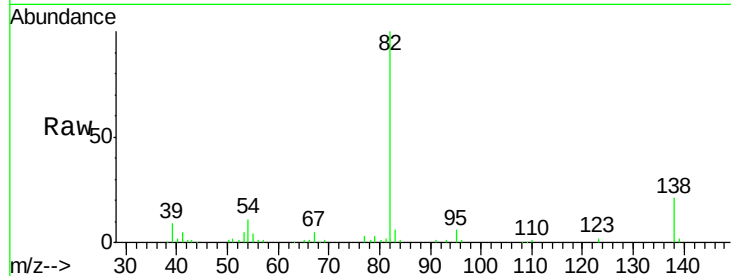
ClientSampleId :

PB88335BS

Tot Ion:	82	Resp:	91414
Ion Ratio	Lower	Upper	
82	100		
95	5.8	4.8	7.2
138	20.7	15.4	23.0

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#26

2-Nitrophenol

Concen: 37.26 ng

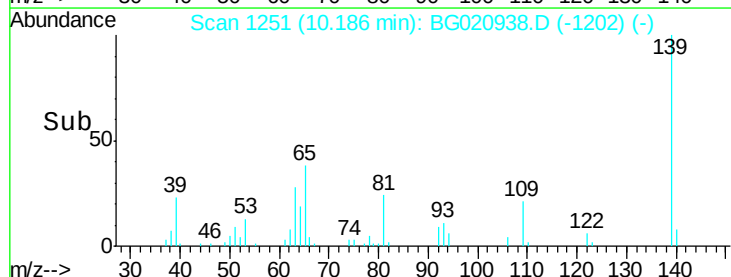
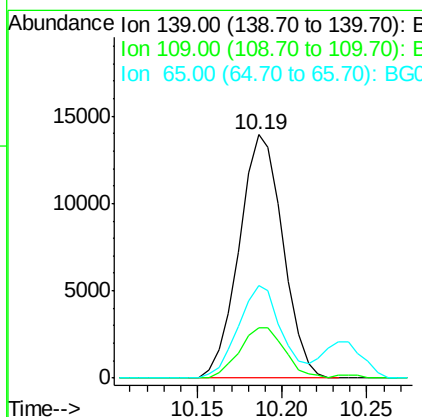
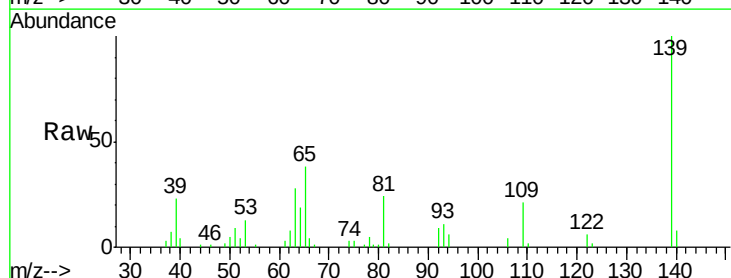
RT: 10.19 min Scan# 1251

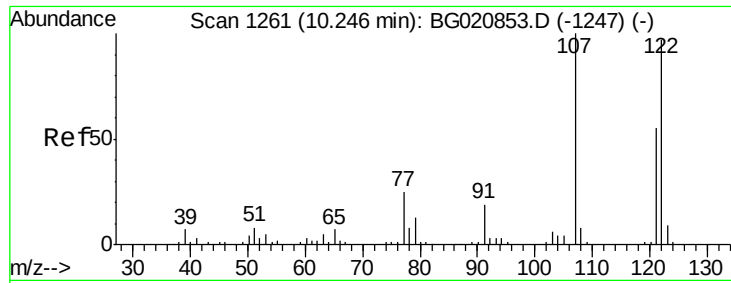
Delta R.T. -0.01 min

Lab File: BG020938.D

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Tgt Ion:	139	Resp:	25009
Ion Ratio	Lower	Upper	
139	100		
109	20.6	17.6	26.4
65	37.9	31.0	46.6





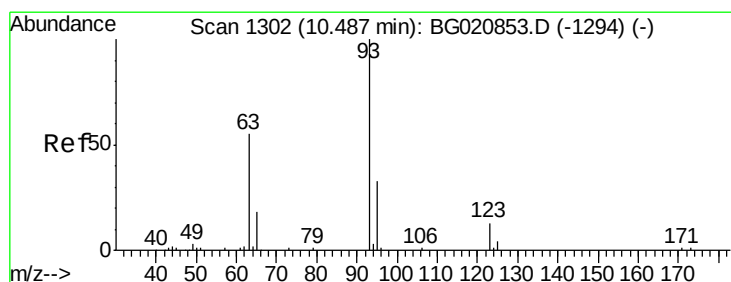
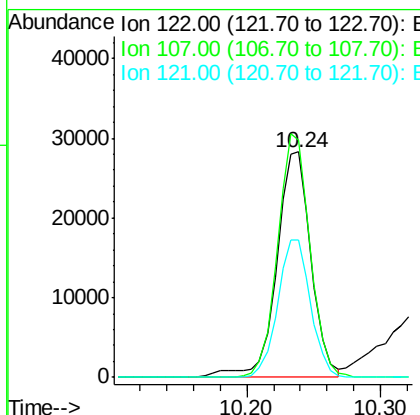
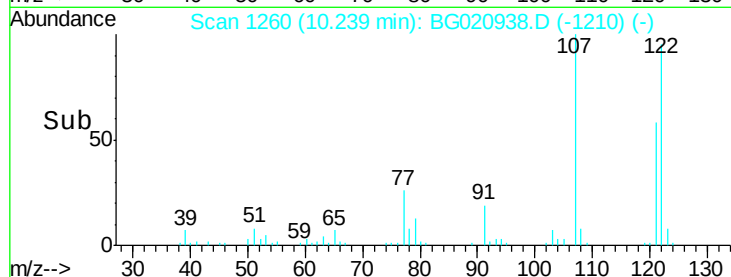
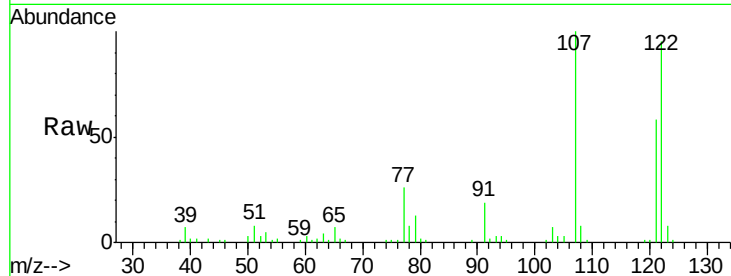
#27
 2,4-Dimethylphenol
 Concen: 39.38 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Instrument :
 BNA_G
 ClientSampleId :
 PB88335BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	105.4	82.6	124.0
121	61.2	45.6	68.4

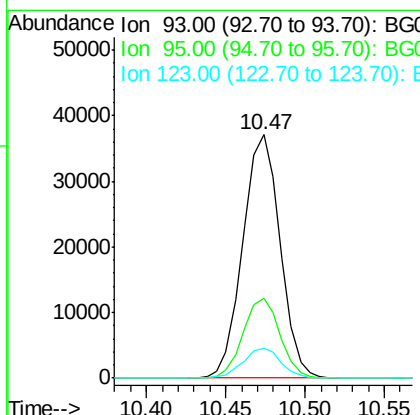
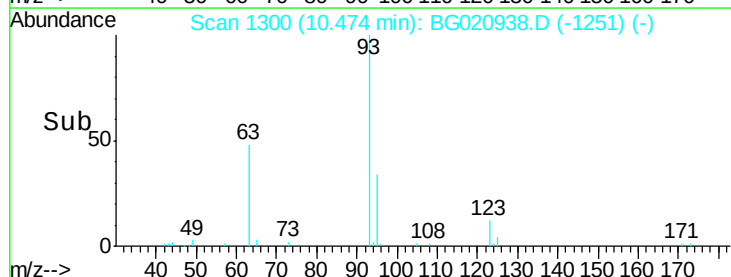
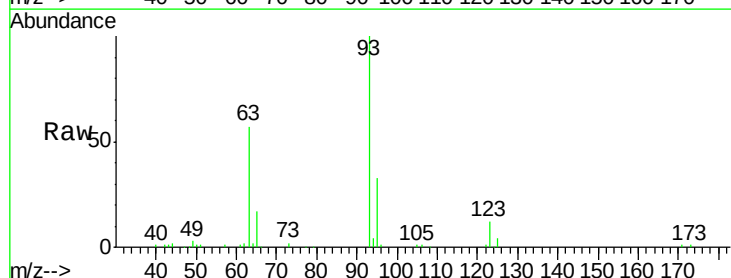
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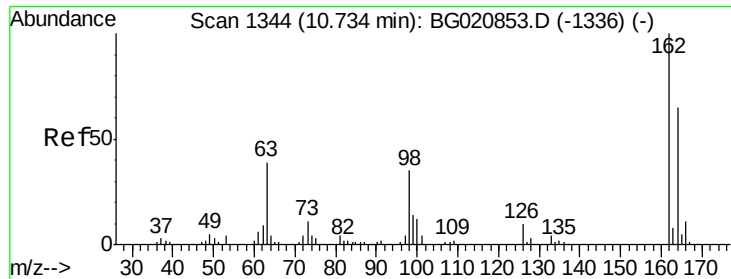
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.14 ng
 RT: 10.47 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.2
123	12.1	10.0	15.0





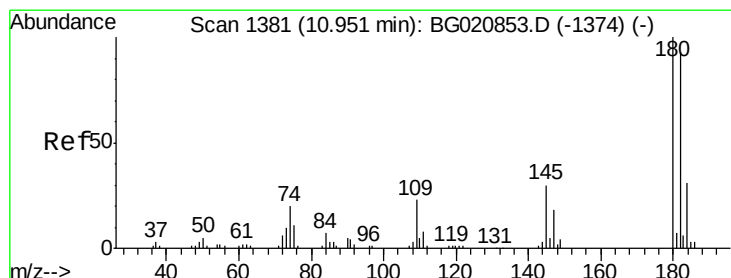
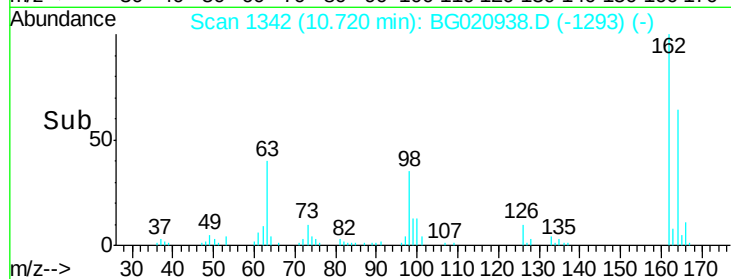
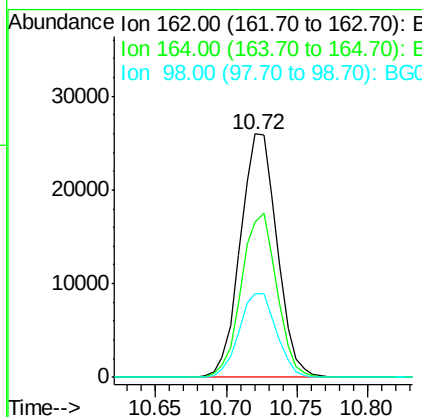
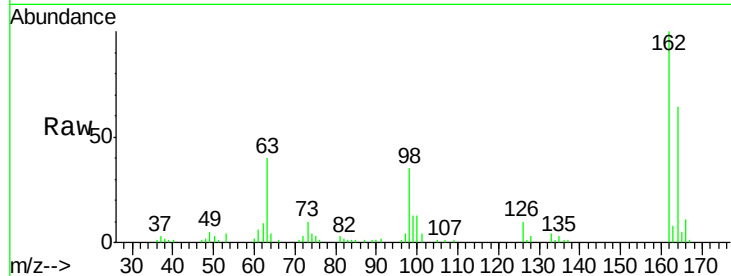
#29
 2,4-Dichlorophenol
 Concen: 41.07 ng
 RT: 10.72 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Instrument :
 BNA_G
 ClientSampleId :
 PB88335BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	47343		
164	63.8		44.5	84.5
98	34.5		14.9	54.9

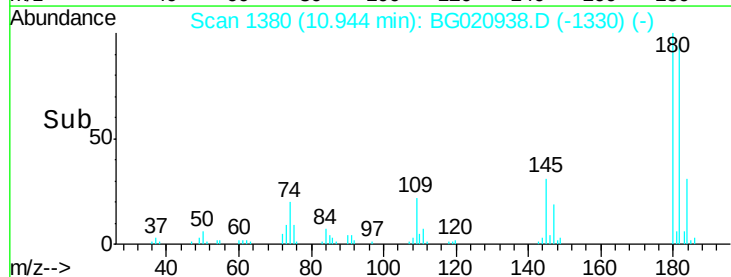
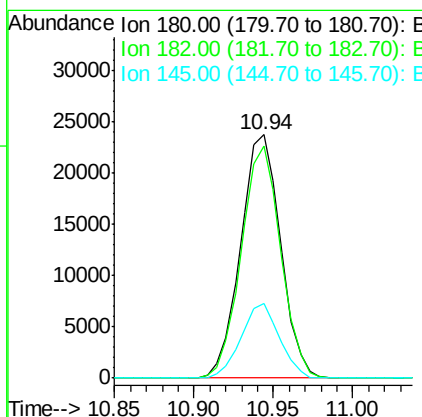
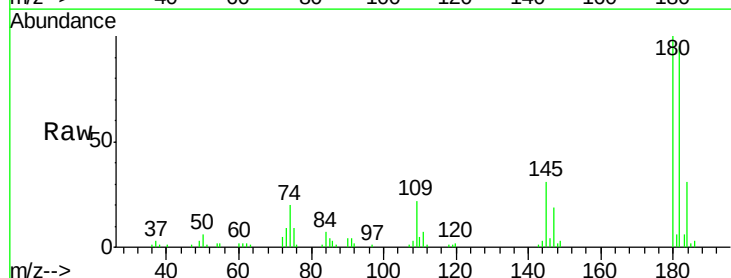
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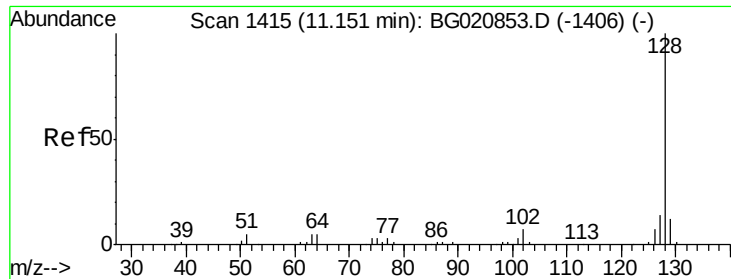
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.77 ng
 RT: 10.94 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	41538		
182	95.3		74.1	111.1
145	30.8		24.1	36.1





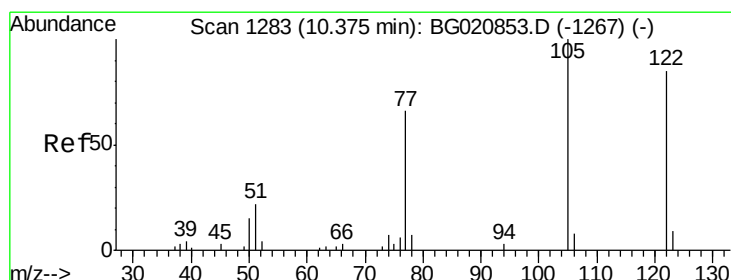
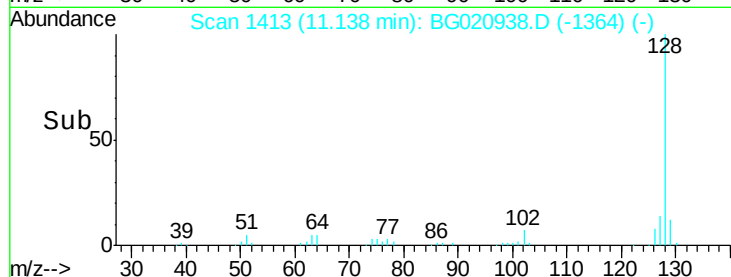
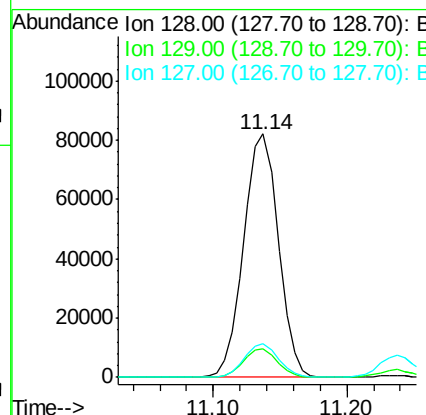
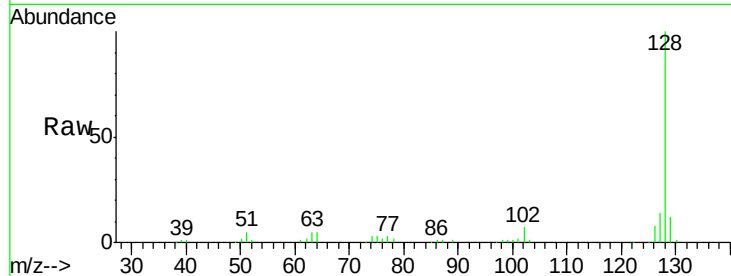
#31
Naphthalene
Concen: 35.53 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Instrument :
BNA_G
ClientSampled :
PB88335BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	13.7	11.4	17.2

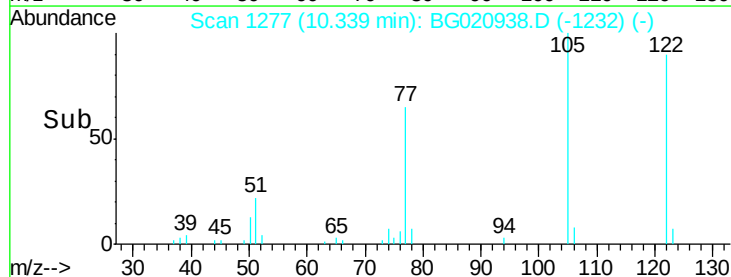
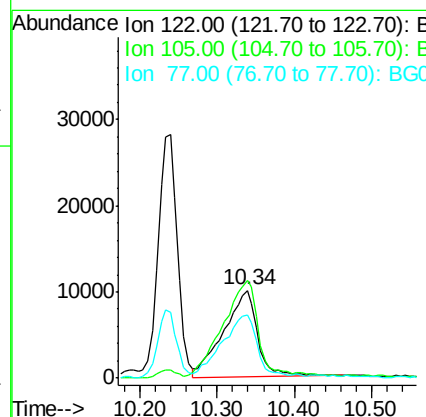
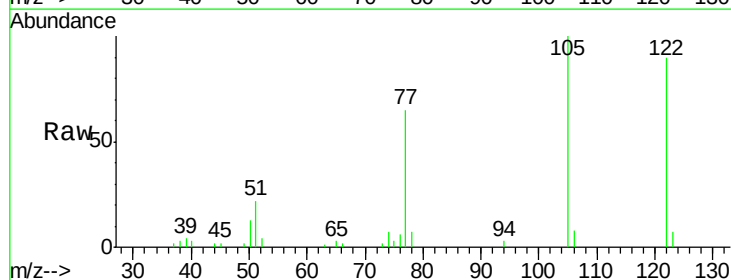
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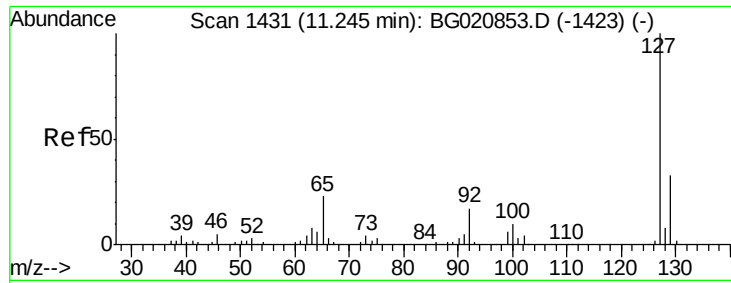
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#32
Benzoic acid
Concen: 29.61 ng
RT: 10.34 min Scan# 1277
Delta R.T. -0.04 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	110.9	94.0	134.0
77	72.5	56.8	96.8





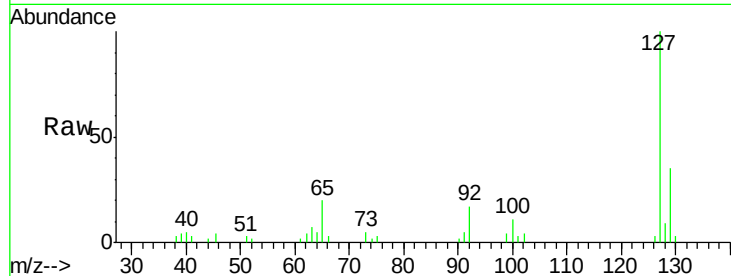
#33
 4-Chloroaniline
 Concen: 8.24 ng
 RT: 11.24 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Instrument :
 BNA_G
 ClientSampleId :
 PB88335BS

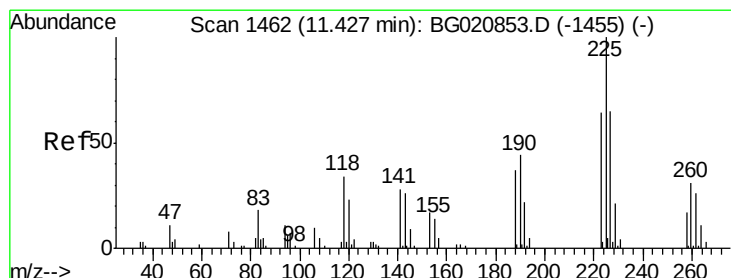
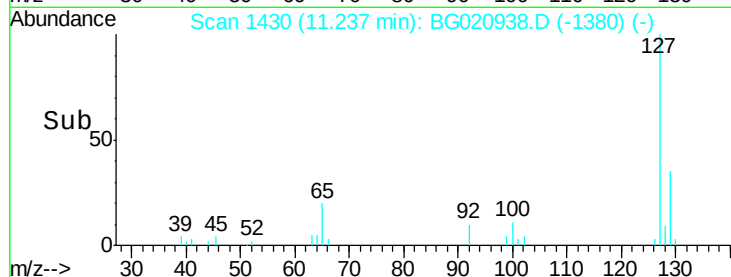
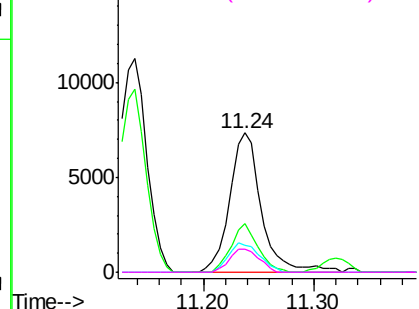
Tot Ion:	127	Resp:	14751
Ion Ratio	Lower	Upper	
127	100		
129	34.8	26.2	39.4
65	19.8	18.6	27.8
92	16.7	13.3	19.9

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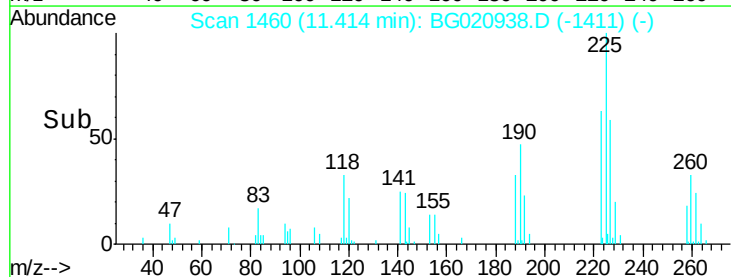
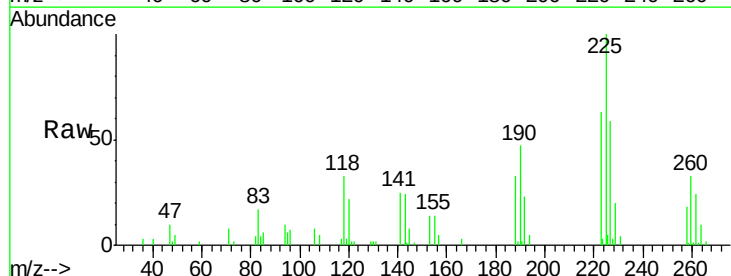
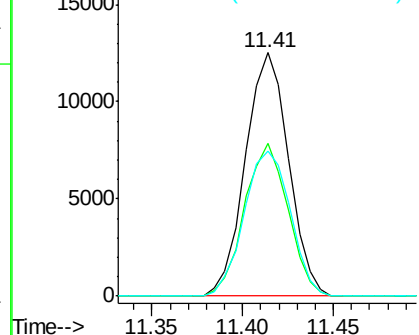
Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

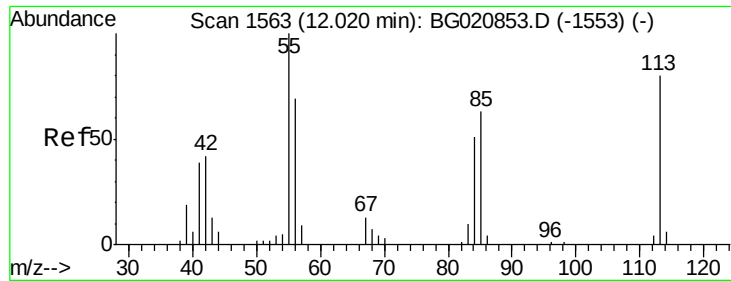


#34
 Hexachlorobutadiene
 Concen: 35.07 ng
 RT: 11.41 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion:	225	Resp:	20756
Ion Ratio	Lower	Upper	
225	100		
223	62.9	51.0	76.6
227	59.4	51.7	77.5

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: 45.96 ng/mL

RT: 12.00 min Scan# 1559

Delta R.T. -0.02 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

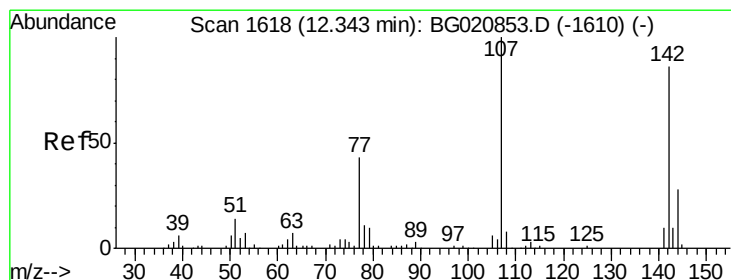
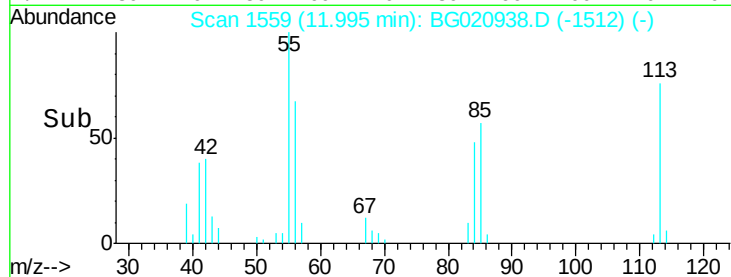
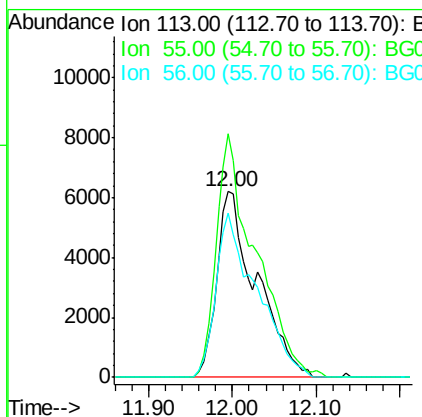
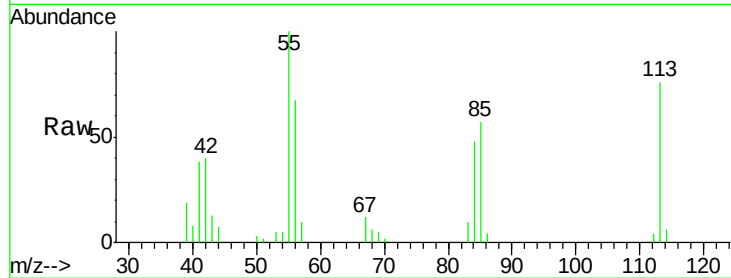
ClientSampleID :

PB88335BS

Tot Ion:	113	Resp:	20303
Ion Ratio	Lower	Upper	
113	100		
55	131.2	104.4	144.4
56	88.5	65.4	105.4

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#36

4-Chloro-3-methylphenol

Concen: 41.71 ng/mL

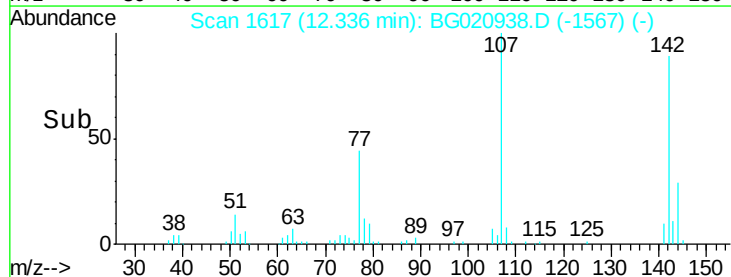
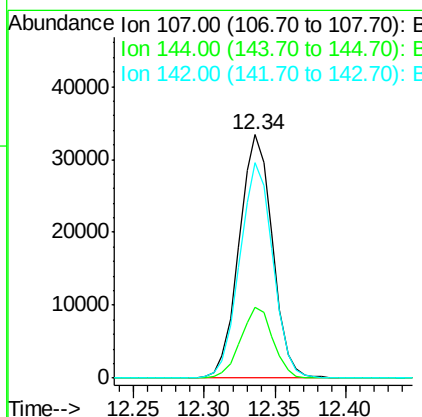
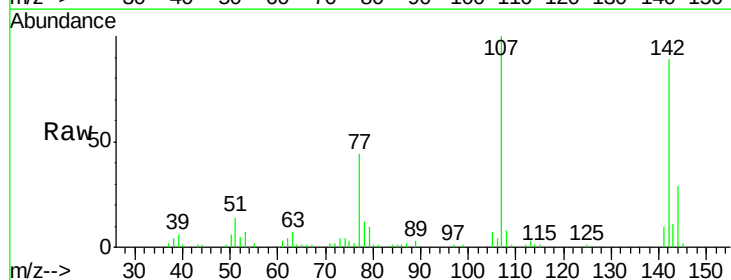
RT: 12.34 min Scan# 1617

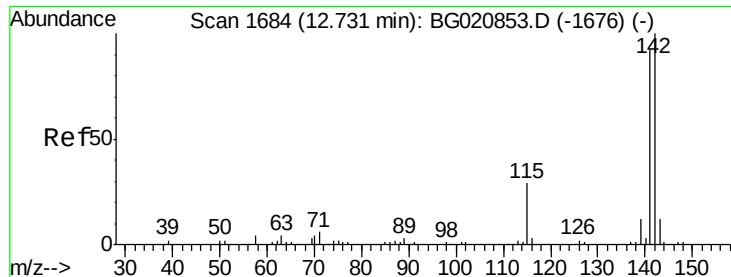
Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Tgt Ion:	107	Resp:	55090
Ion Ratio	Lower	Upper	
107	100		
144	29.3	22.4	33.6
142	88.5	68.6	103.0





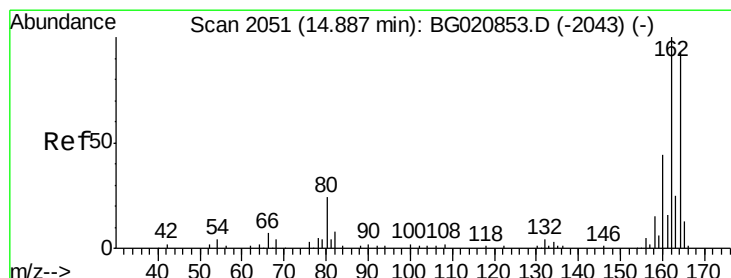
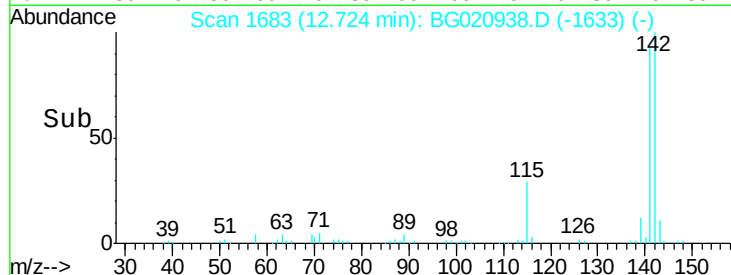
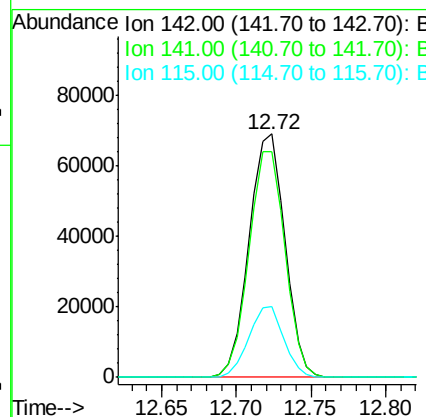
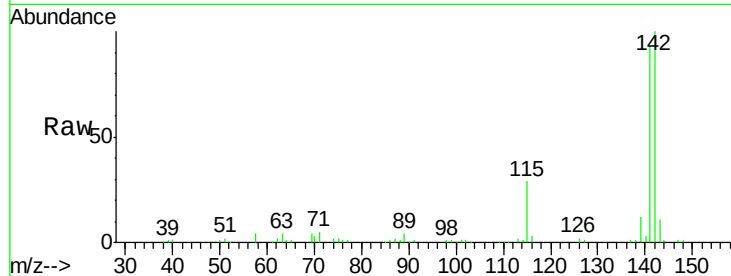
#37
2-Methylnaphthalene
Concen: 39.24 ng
RT: 12.72 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Instrument :
BNA_G
ClientSampleId :
PB88335BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.4	110.2
115	29.0	23.0	34.6

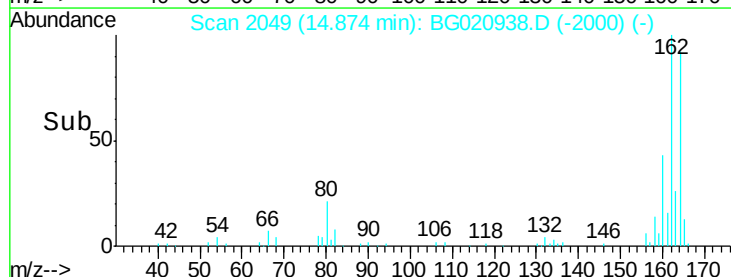
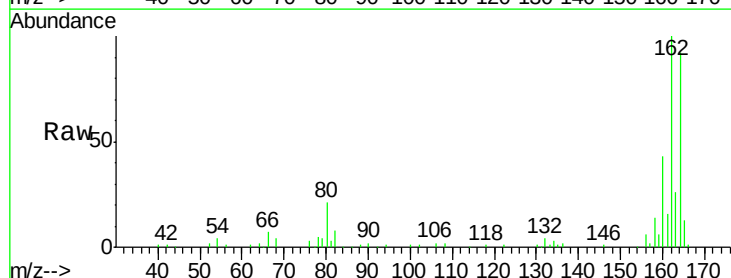
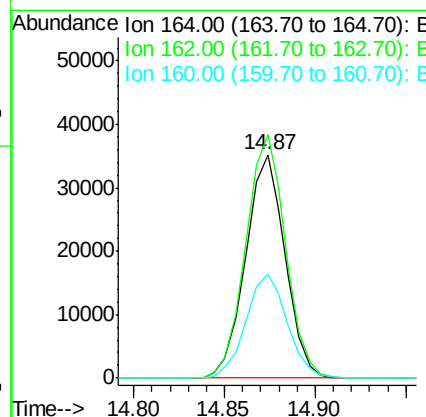
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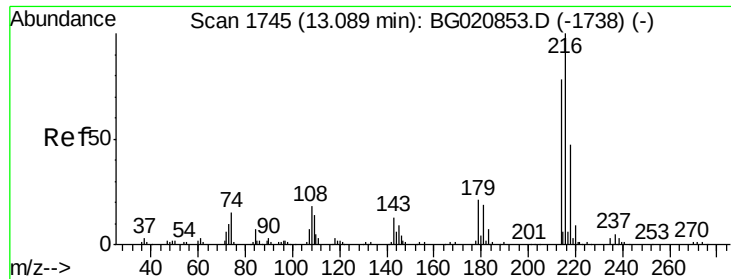
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.9	85.7	128.5
160	46.5	37.4	56.0





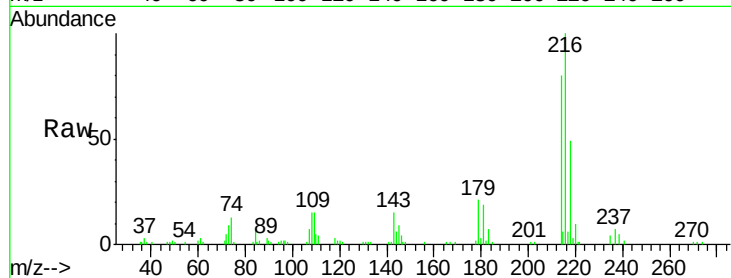
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.49 ng
 RT: 13.08 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Instrument :
 BNA_G
 ClientSampleId :
 PB88335BS

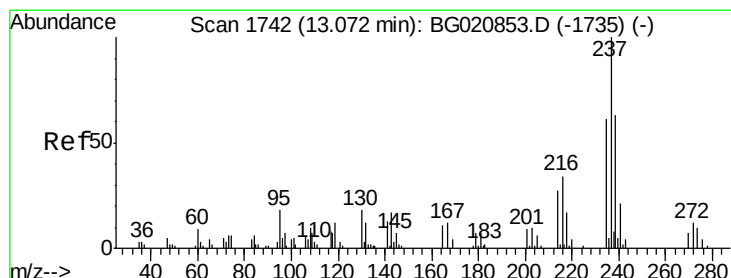
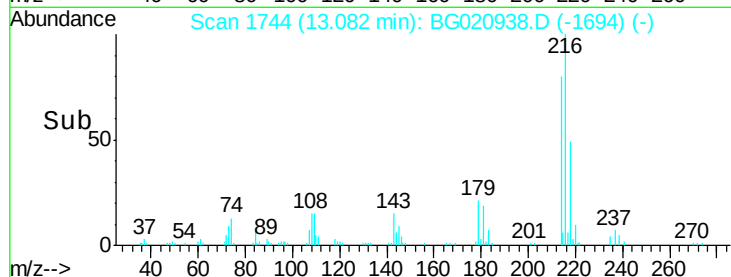
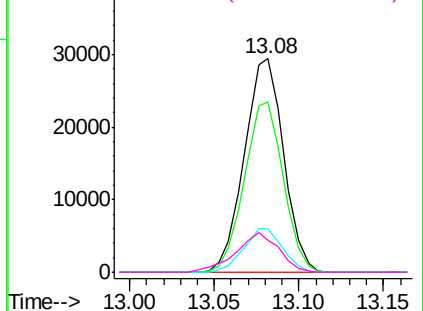
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		47566		
214	78.7		61.9	92.9	
179	20.3		16.5	24.7	
108	20.3		15.1	22.7	

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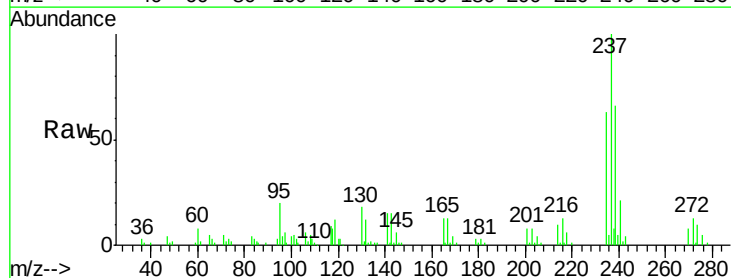


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

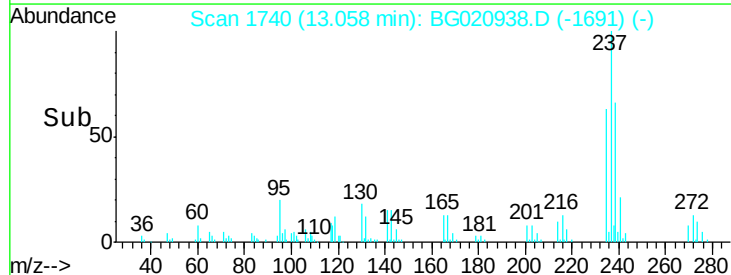
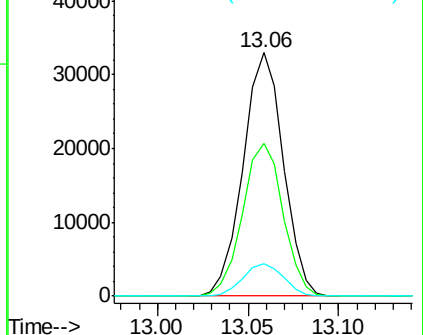


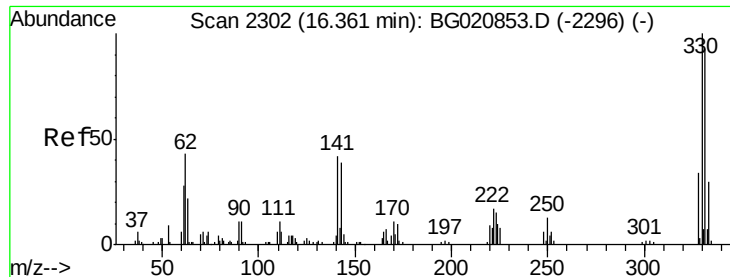
#40
 Hexachlorocyclopentadiene
 Concen: 73.85 ng
 RT: 13.06 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		50680		
235	62.6		40.8	80.8	
272	13.2		0.0	32.3	



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





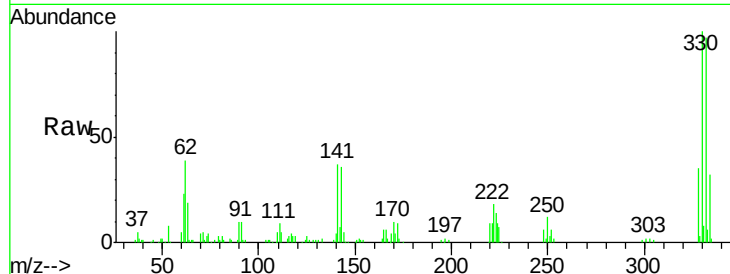
#41
 2,4,6-Tribromophenol
 Concen: 132.54 ng
 RT: 16.35 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Instrument :
 BNA_G
 ClientSampleId :
 PB88335BS

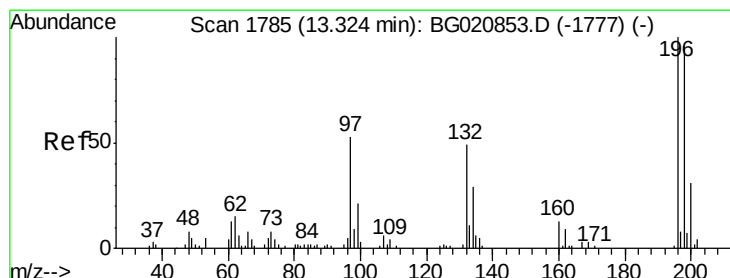
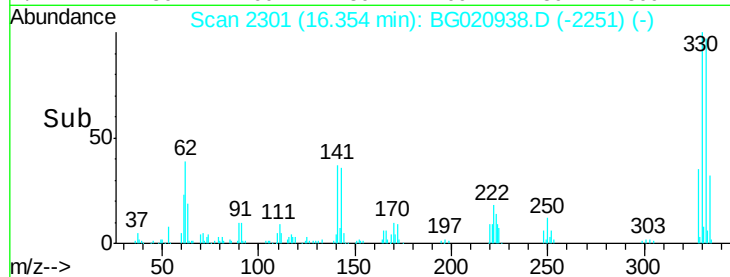
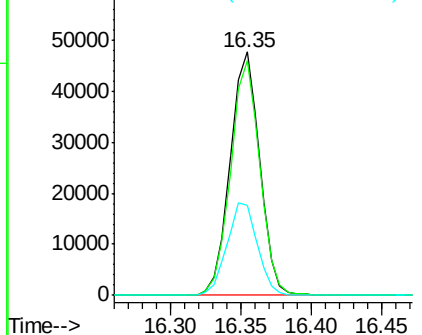
Tot Ion	Ratio	Resp	Lower	Upper
330	100	69310		
332	95.5	76.1	114.1	
141	39.0	32.0	48.0	

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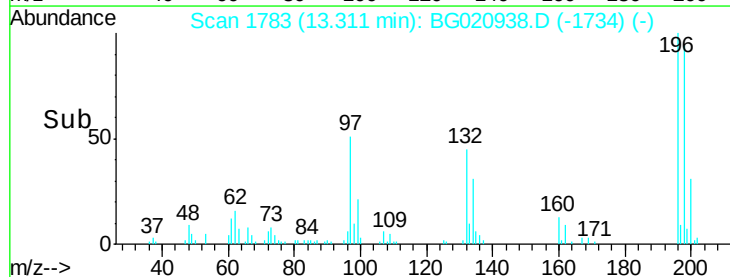
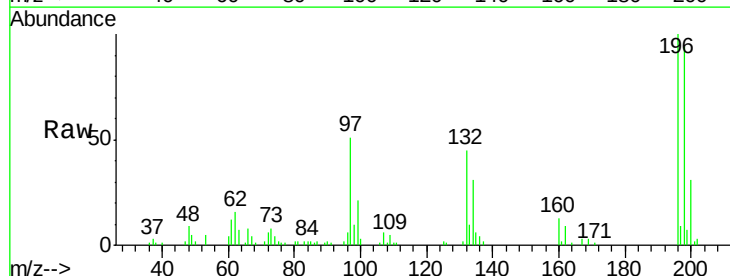
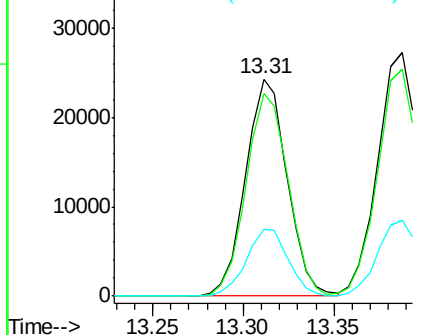
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

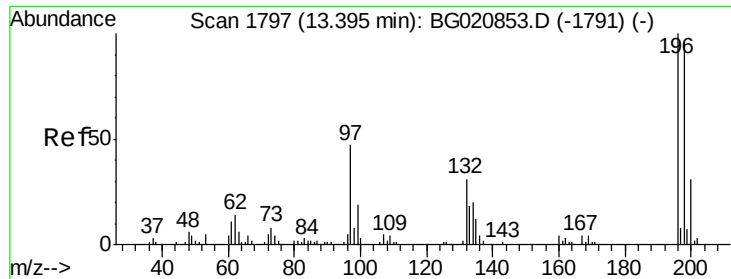


#42
 2,4,6-Trichlorophenol
 Concen: 36.96 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	38733		
198	93.5	77.1	115.7	
200	30.9	24.7	37.1	

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





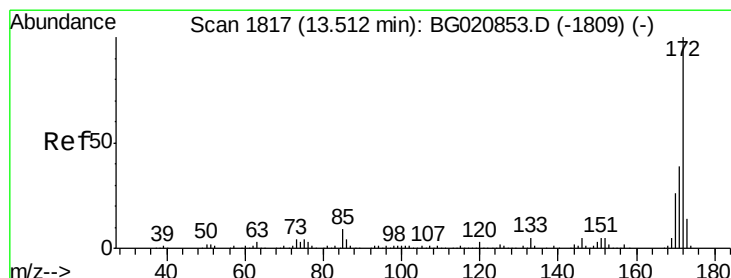
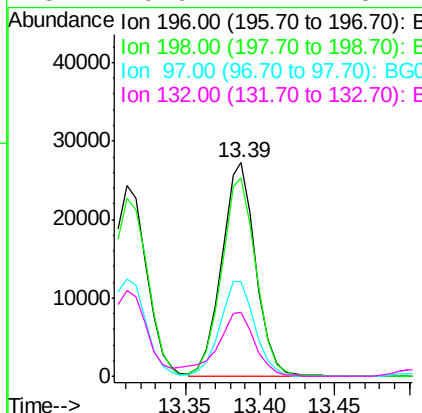
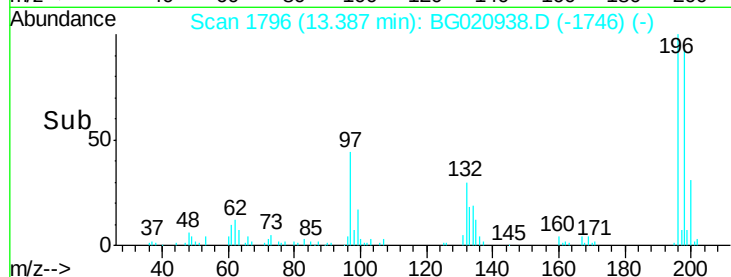
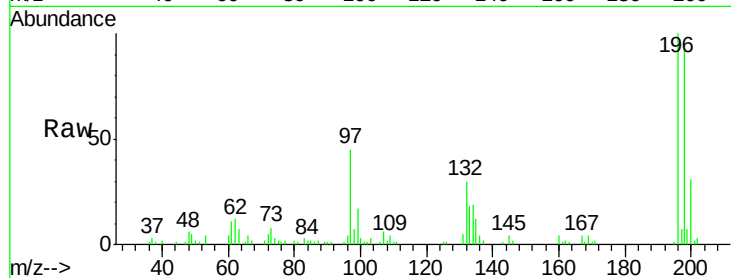
#43
 2,4,5-Trichlorophenol
 Concen: 39.34 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Instrument :
 BNA_G
 ClientSampleId :
 PB88335BS

Tot Ion:	196	Resp:	43343
Ion Ratio	Lower	Upper	
196	100		
198	93.1	76.4	114.6
97	44.6	37.4	56.0
132	29.9	24.7	37.1

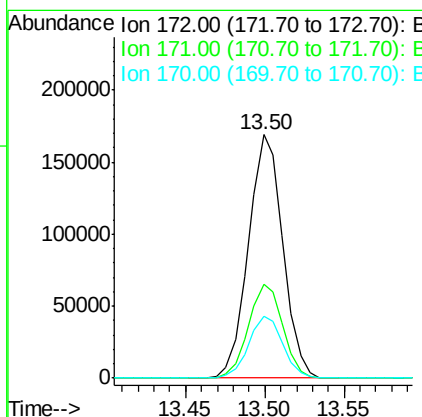
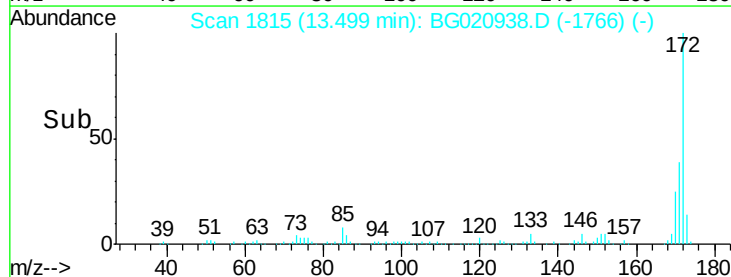
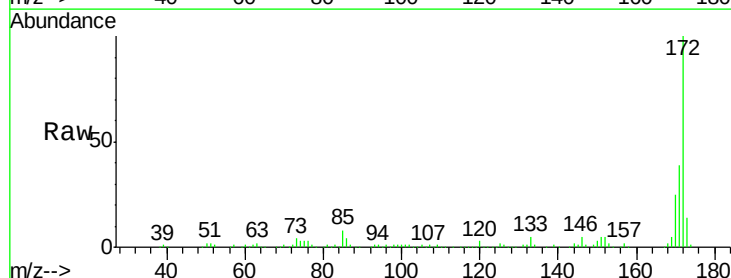
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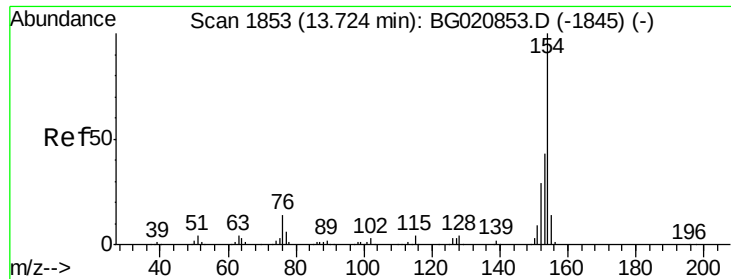
UMANGI
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#44
 2-Fluorobiphenyl
 Concen: 67.00 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion:	172	Resp:	253625
Ion Ratio	Lower	Upper	
172	100		
171	38.6	31.2	46.8
170	25.2	20.6	30.8





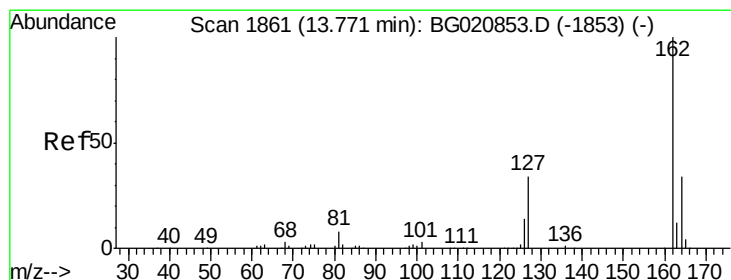
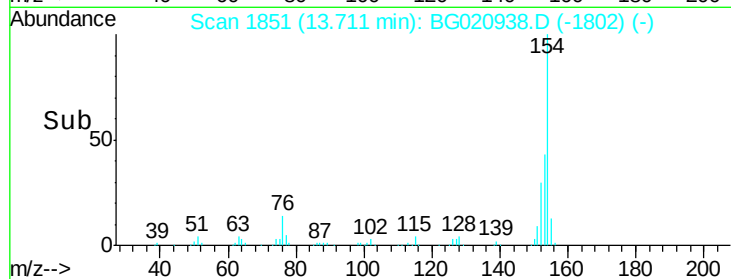
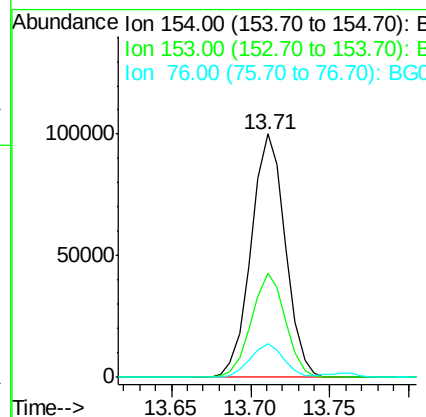
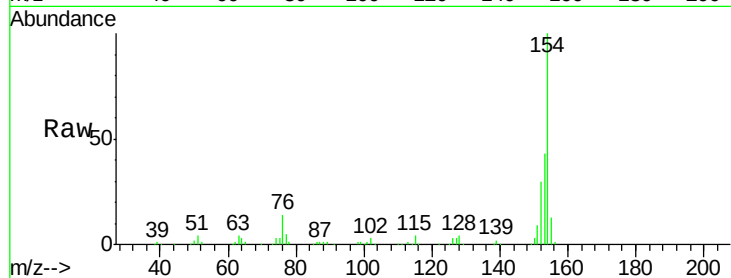
#45
 1,1'-Biphenyl
 Concen: 31.92 ng
 RT: 13.71 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Instrument :
 BNA_G
 ClientSampled :
 PB88335BS

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	42.6	22.5	62.5
76	13.9	0.0	33.8

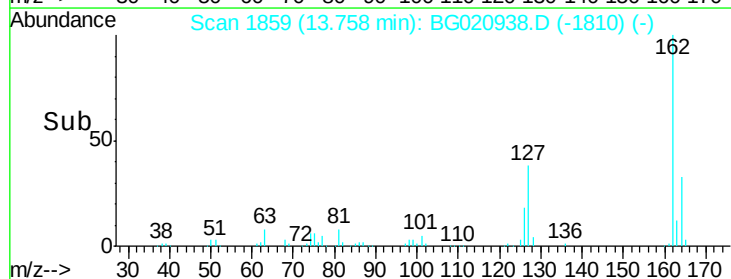
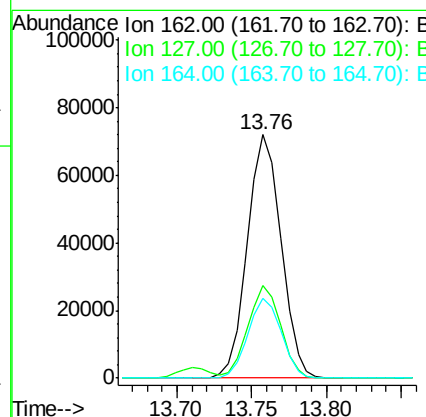
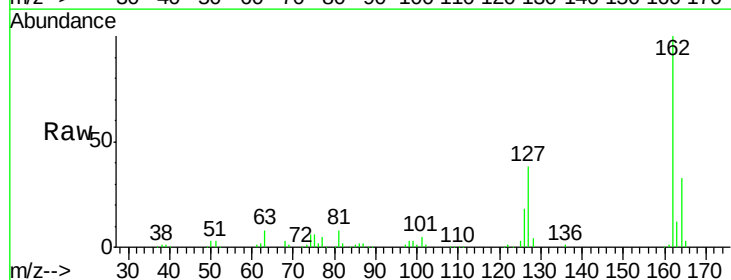
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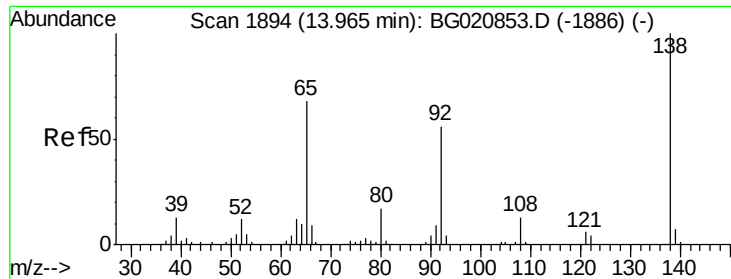
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#46
 2-Chloronaphthalene
 Concen: 33.43 ng
 RT: 13.76 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	37.8	30.6	45.8
164	32.5	26.8	40.2





#47

2-Nitroaniline

Concen: 39.00 ng

RT: 13.95 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BG020938.D

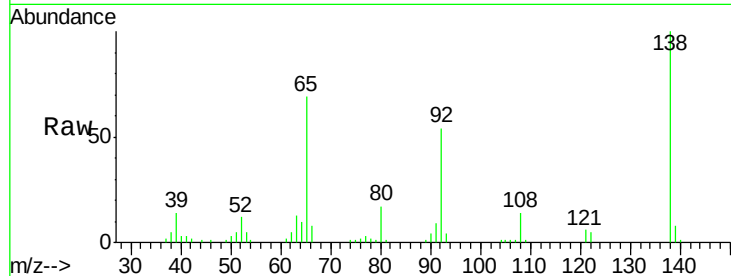
Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

ClientSampleId :

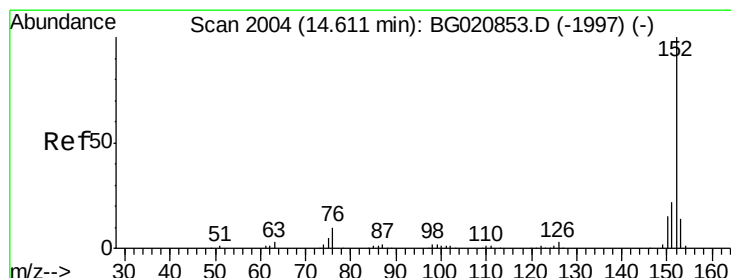
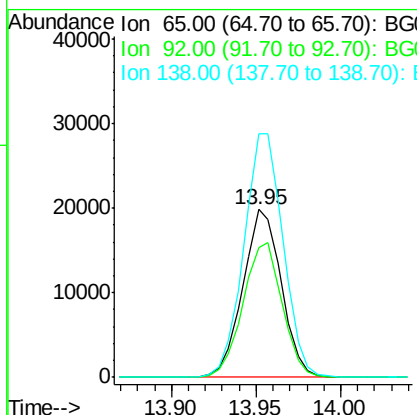
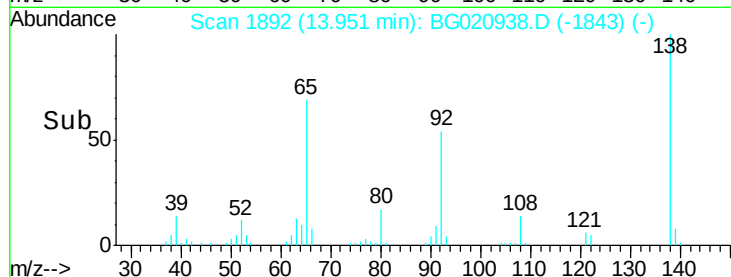
PB88335BS



Tot Ion:	65	Resp:	31371
Ion Ratio	Lower	Upper	
65	100		
92	77.6	65.8	98.8
138	144.9	117.1	175.7

Manual Integrations
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#48

Acenaphthylene

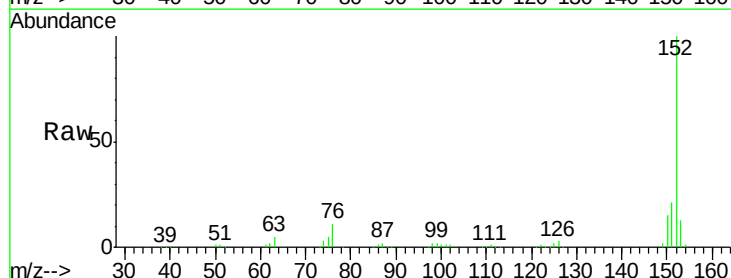
Concen: 35.32 ng

RT: 14.60 min Scan# 2002

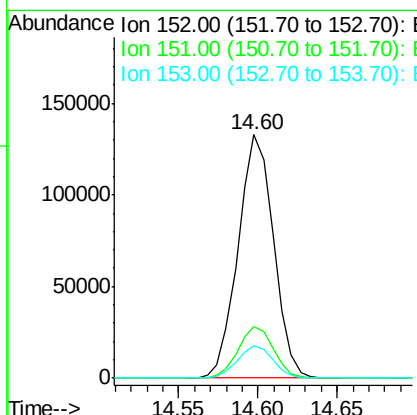
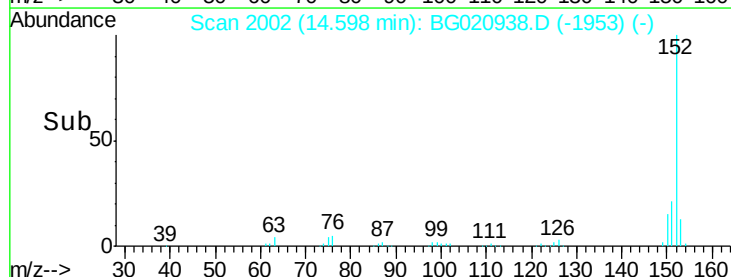
Delta R.T. -0.01 min

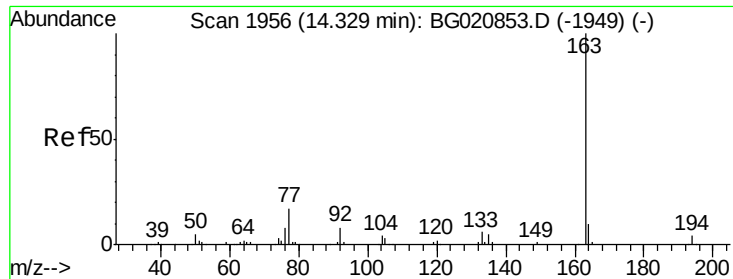
Lab File: BG020938.D

Acq: 18 Feb 2016 16:34



Tgt Ion:	152	Resp:	206293
Ion Ratio	Lower	Upper	
152	100		
151	21.4	17.5	26.3
153	13.3	10.9	16.3





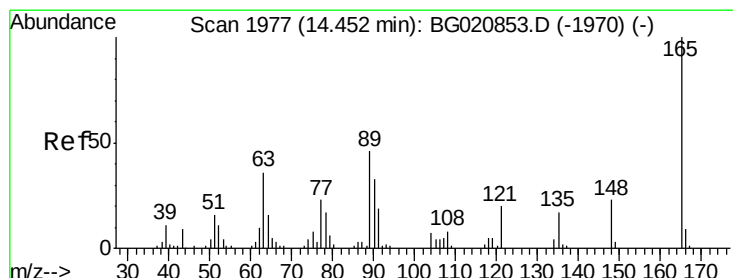
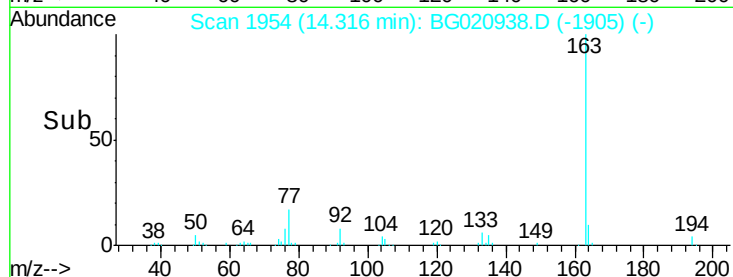
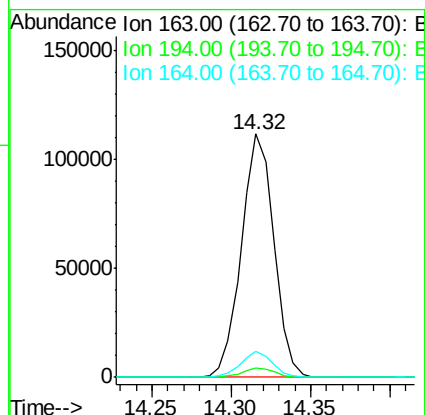
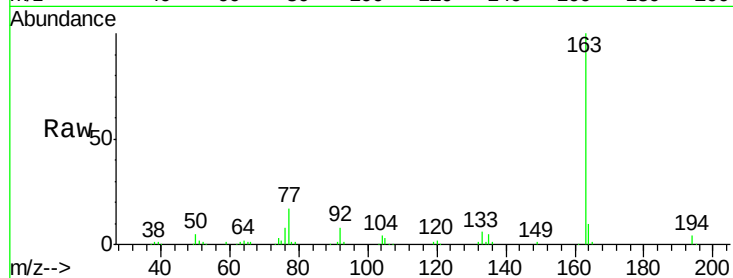
#49
Dimethylphthalate
Concen: 38.18 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Instrument :
BNA_G
ClientSampled :
PB88335BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.8	3.1	4.7
164	10.5	8.3	12.5

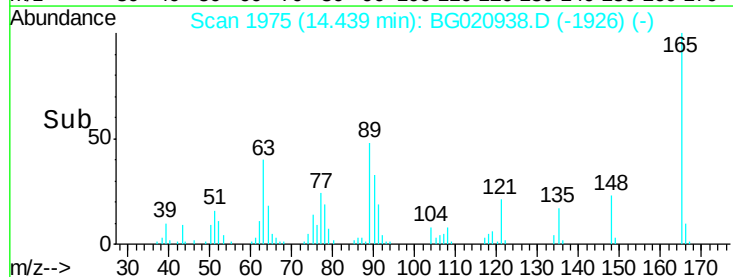
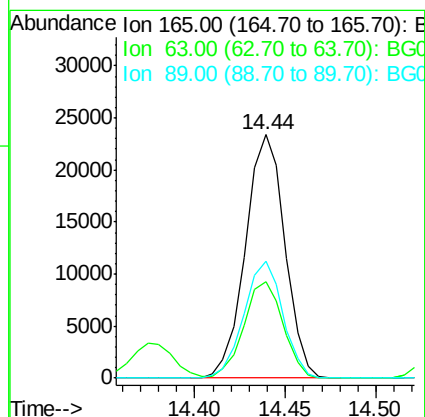
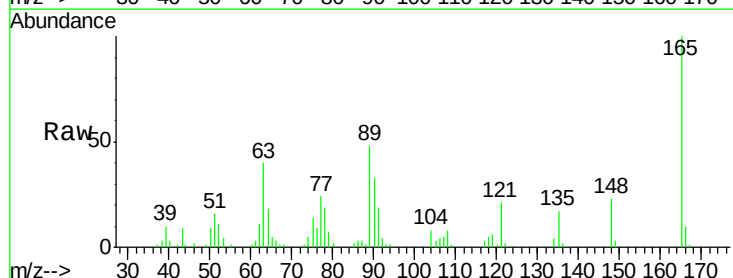
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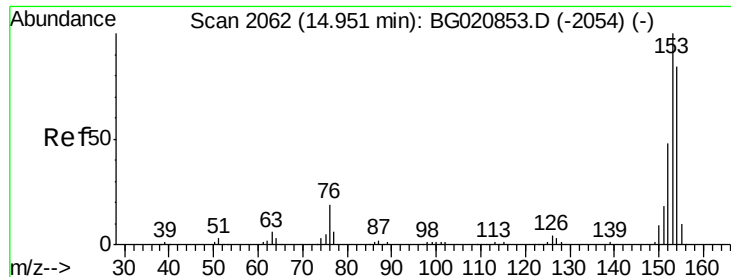
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#50
2,6-Dinitrotoluene
Concen: 39.58 ng
RT: 14.44 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	39.7	30.3	45.5
89	48.0	36.9	55.3





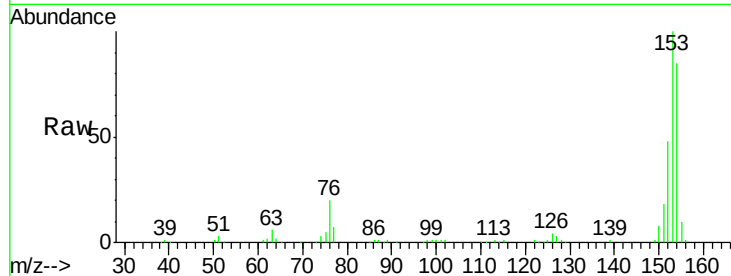
#51
Acenaphthene
Concen: 38.24 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Instrument :
BNA_G
ClientSampleId :
PB88335BS

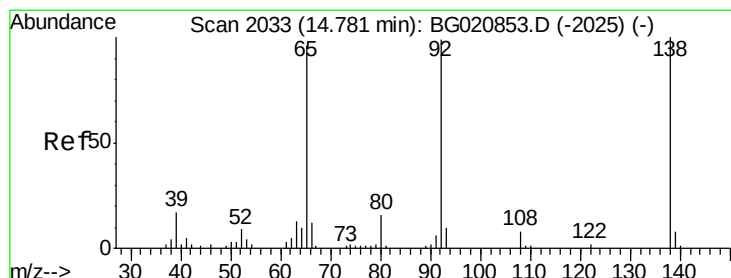
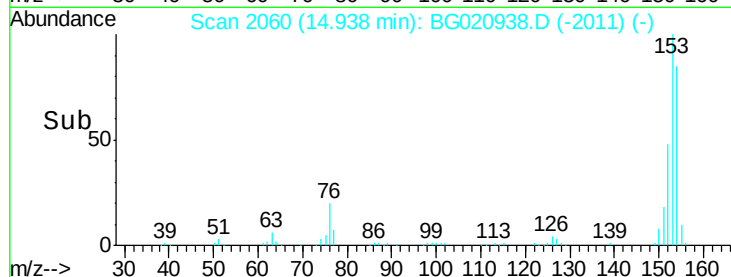
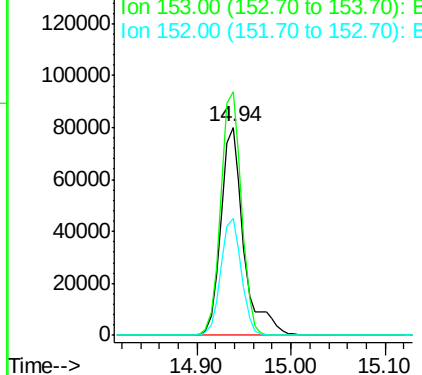
Tot Ion	Ratio	Lower	Upper
154	100		
153	117.0	95.4	143.0
152	55.9	46.1	69.1

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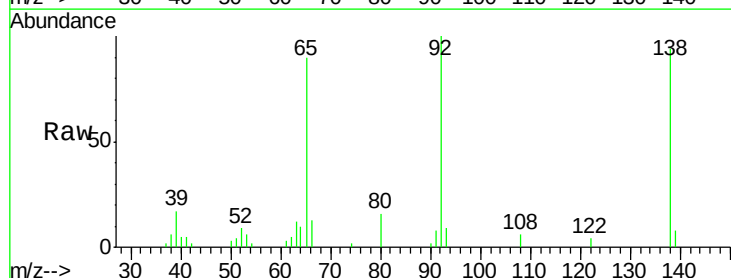


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

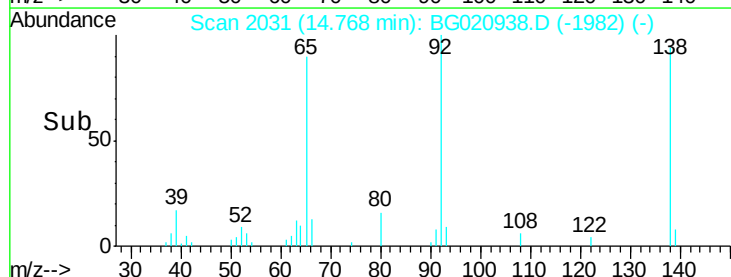
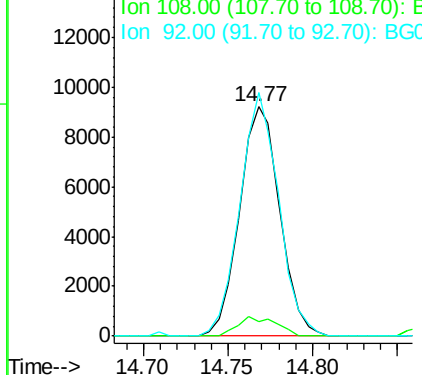


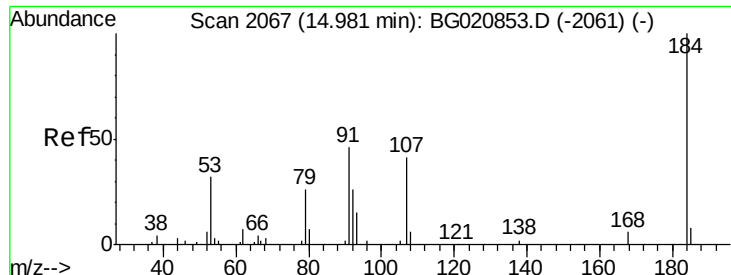
#52
3-Nitroaniline
Concen: 14.70 ng
RT: 14.77 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Lower	Upper
138	100		
108	6.3	6.2	9.2
92	106.3	79.5	119.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGO





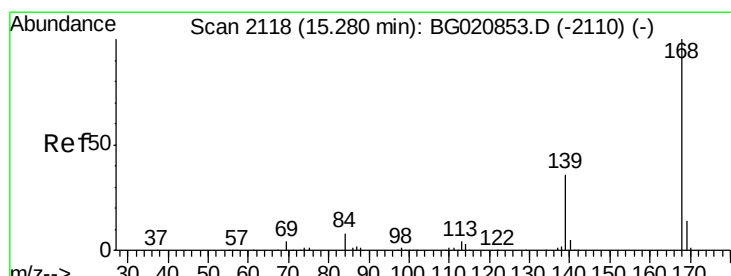
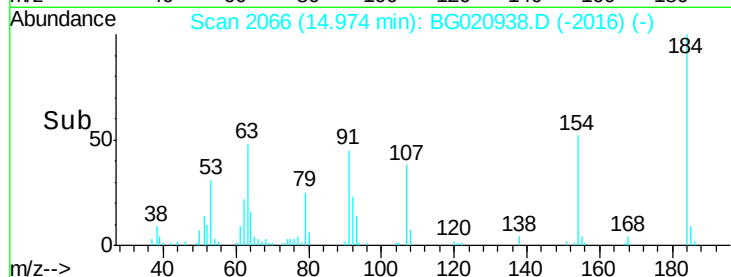
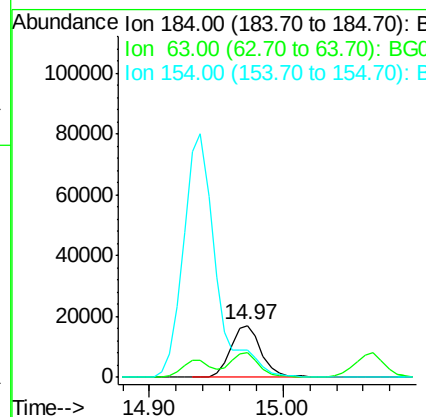
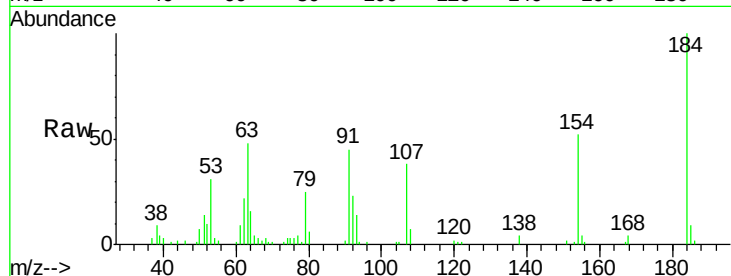
#53
 2,4-Dinitrophenol
 Concen: 73.61 ng
 RT: 14.97 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Instrument :
 BNA_G
 ClientSampleId :
 PB88335BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	47.7	39.8	59.6
154	51.9	48.1	72.1

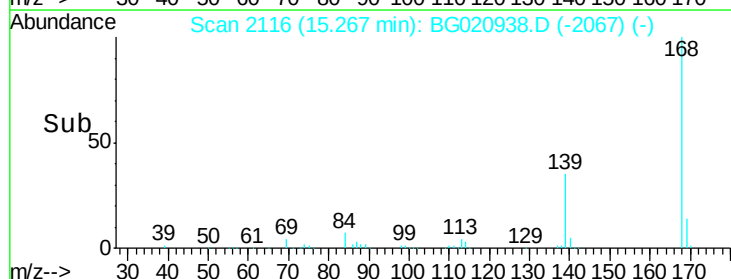
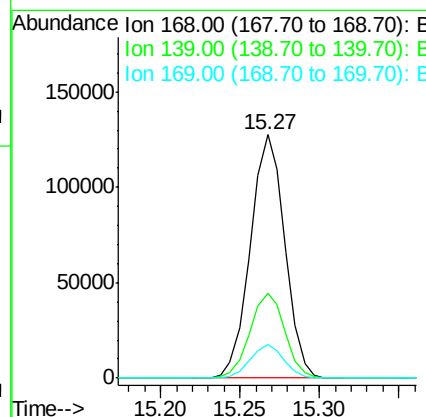
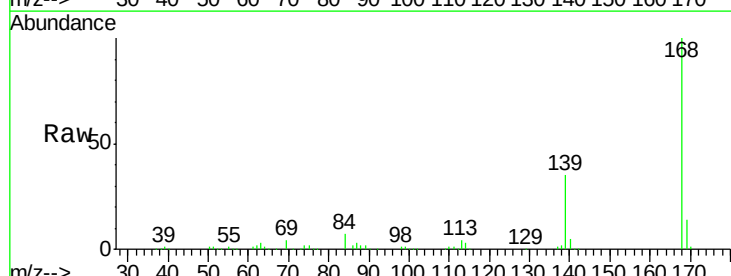
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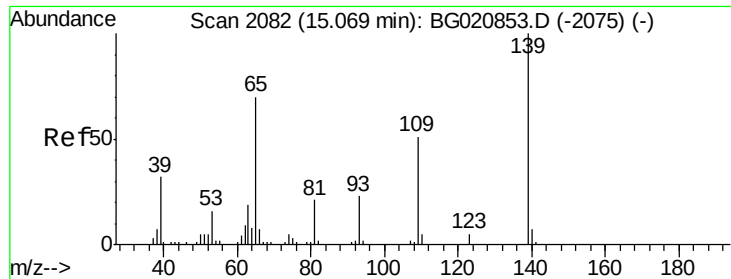
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#54
 Dibenzofuran
 Concen: 41.02 ng
 RT: 15.27 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.9	28.5	42.7
169	13.6	11.0	16.4





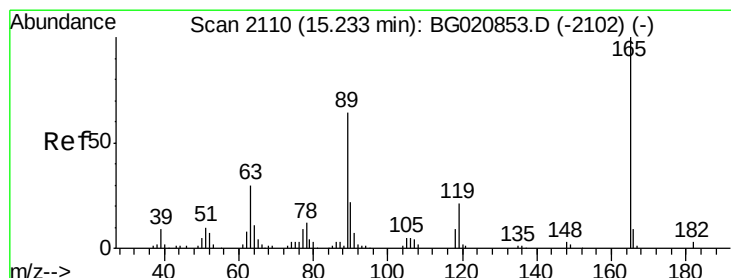
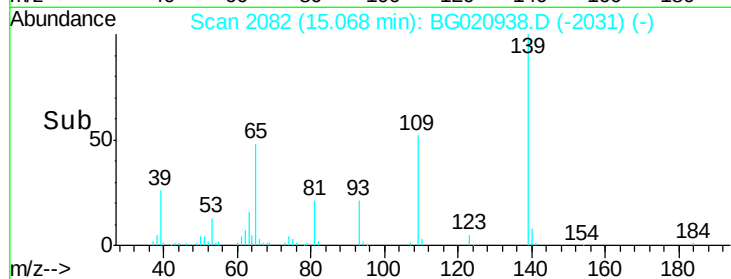
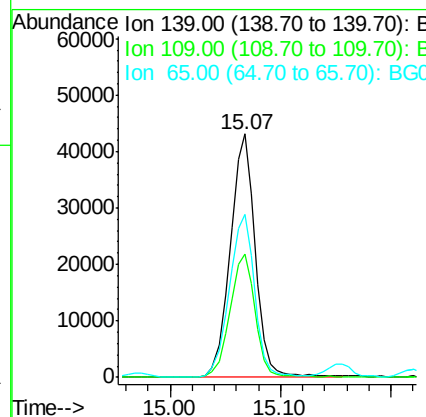
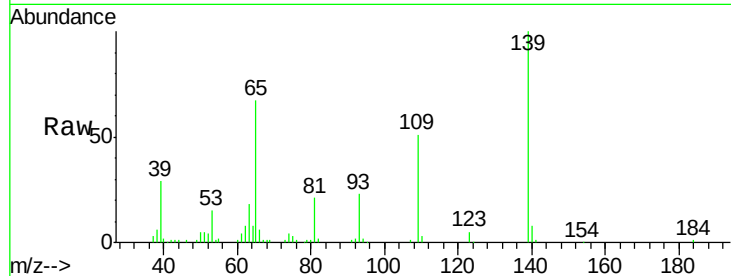
#55
4-Nitrophenol
Concen: 87.39 ng
RT: 15.07 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Instrument :
BNA_G
ClientSampleId :
PB88335BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	68339		
109	50.8	31.0	71.0	
65	67.0	49.6	89.6	

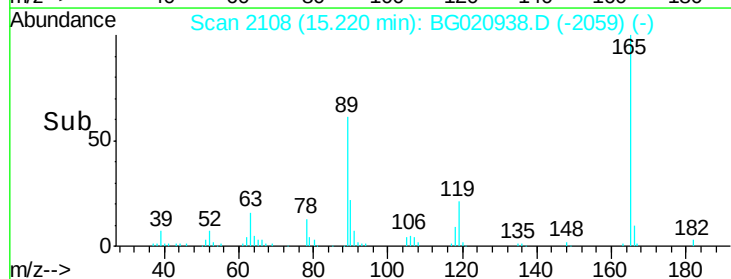
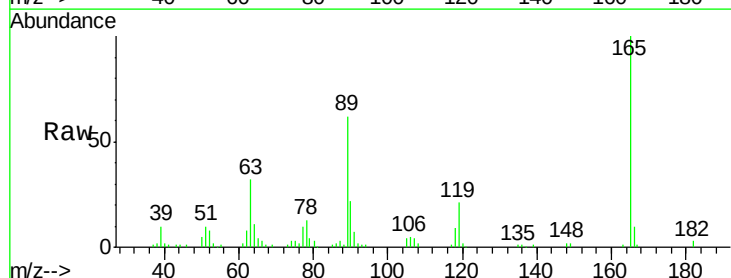
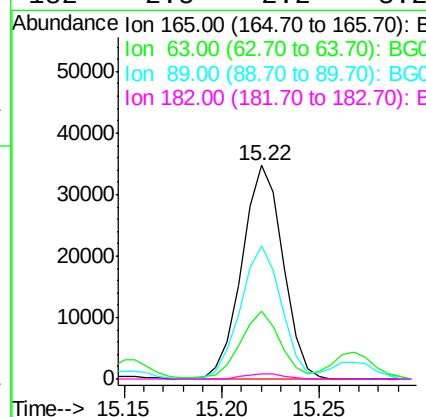
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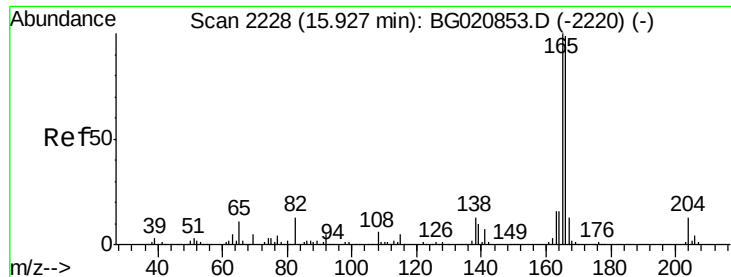
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#56
2,4-Dinitrotoluene
Concen: 43.95 ng
RT: 15.22 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	50622		
63	31.6	23.7	35.5	
89	62.4	50.9	76.3	
182	2.5	2.2	3.2	





#57

Fluorene

Concen: 38.79 ng

RT: 15.91 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

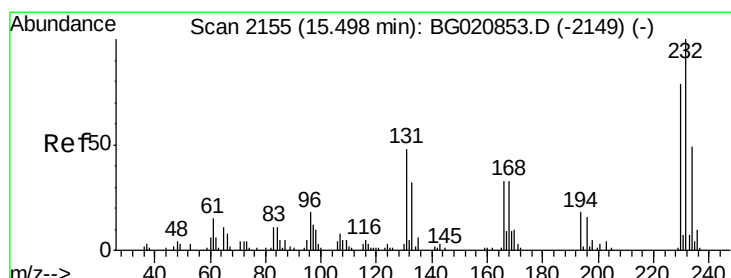
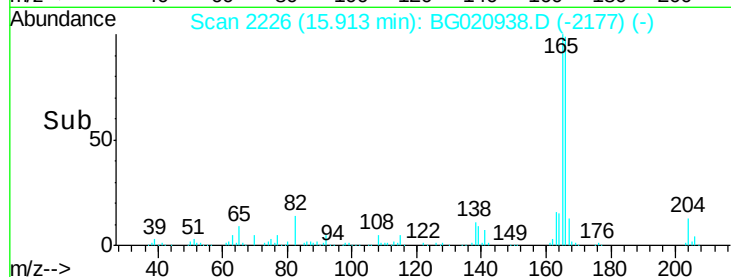
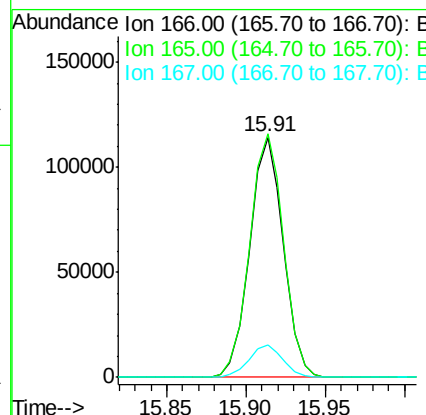
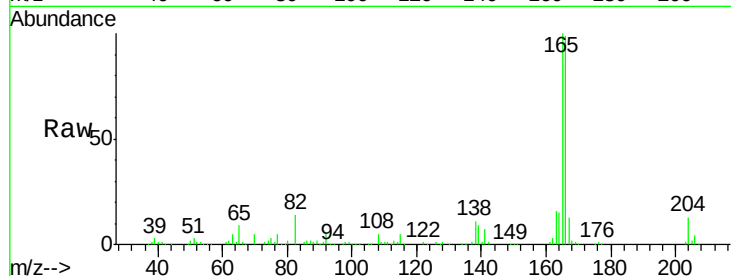
ClientSampleId :

PB88335BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.5	81.0	121.4	
167	13.6	10.8	16.2	

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.44 ng

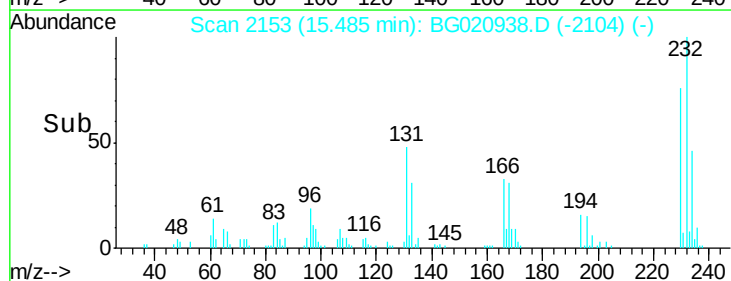
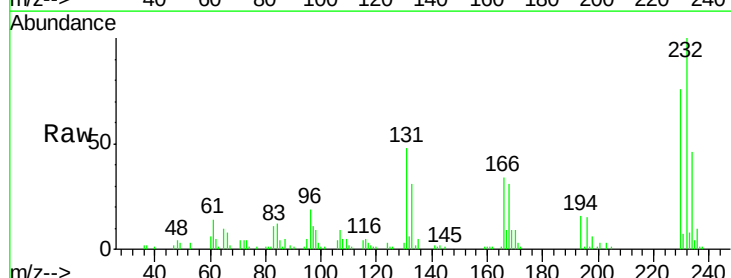
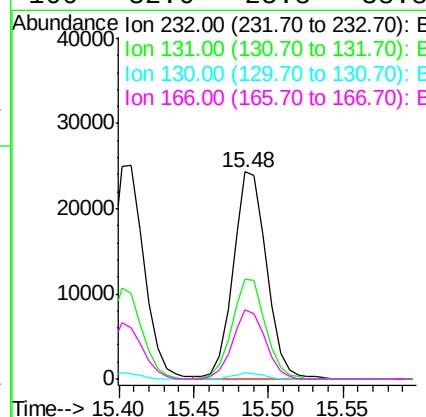
RT: 15.48 min Scan# 2153

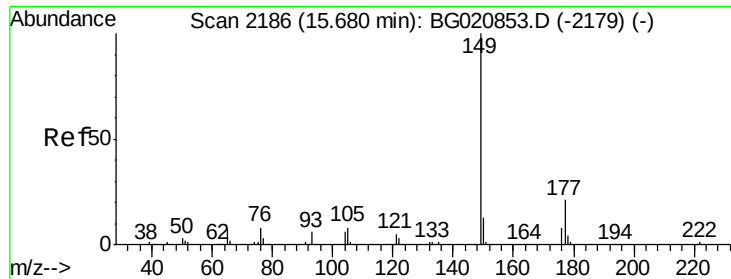
Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	48.2	39.2	58.8	
130	2.5	2.0	3.0	
166	32.6	25.8	38.8	





#59

Diethylphthalate

Concen: 40.24 ng

RT: 15.67 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

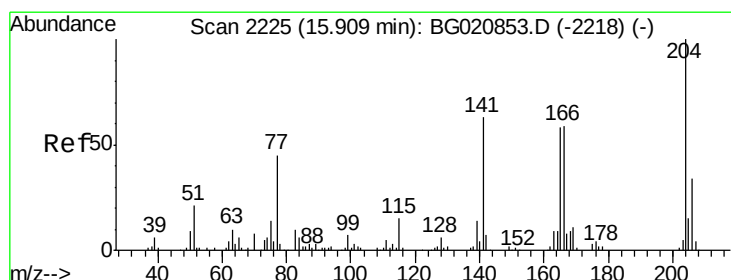
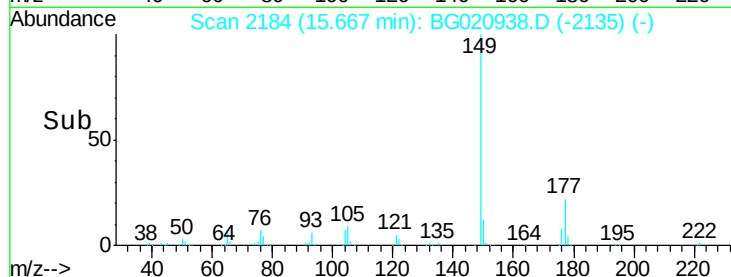
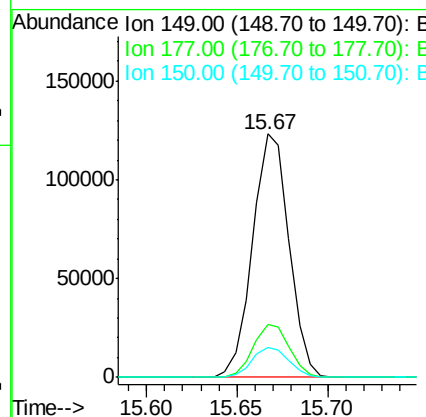
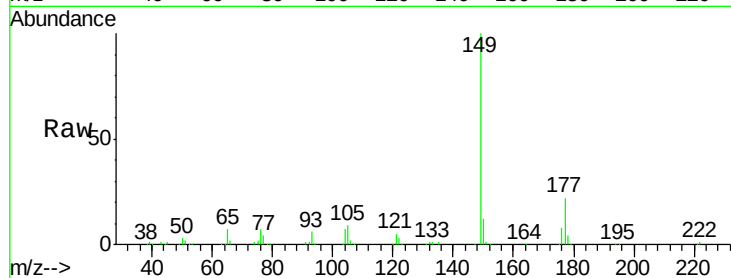
ClientSampleId :

PB88335BS

Tot Ion:	149	Resp:	171997
Ion Ratio	Lower	Upper	
149	100		
177	21.8	16.9	25.3
150	12.4	10.1	15.1

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#60

4-Chlorophenyl-phenylether

Concen: 37.22 ng

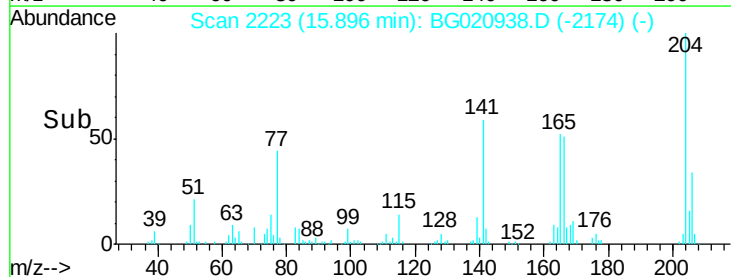
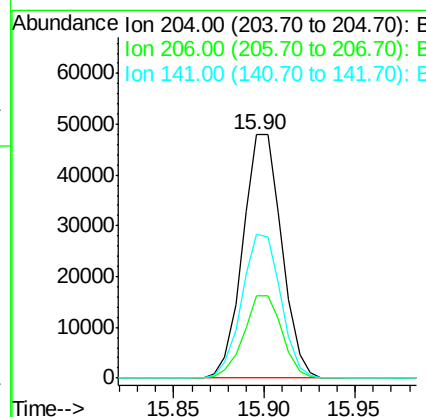
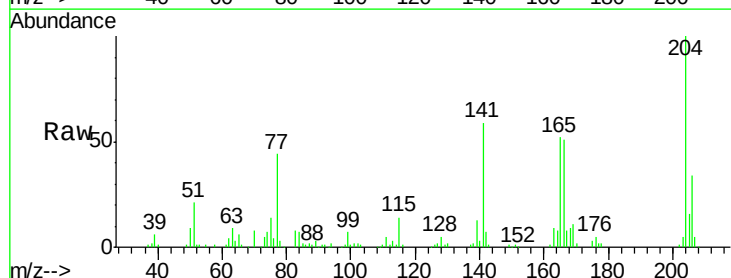
RT: 15.90 min Scan# 2223

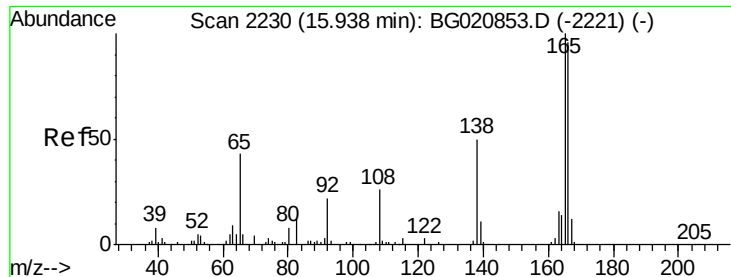
Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Tgt Ion:	204	Resp:	71301
Ion Ratio	Lower	Upper	
204	100		
206	33.7	26.9	40.3
141	58.8	50.3	75.5





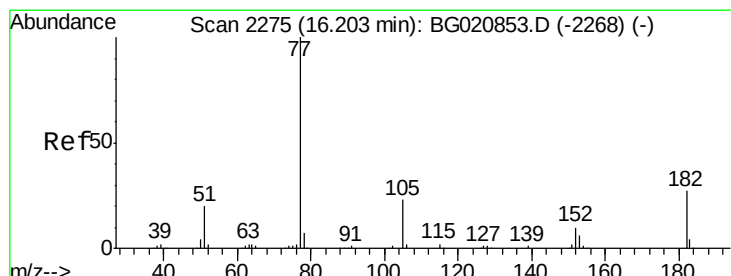
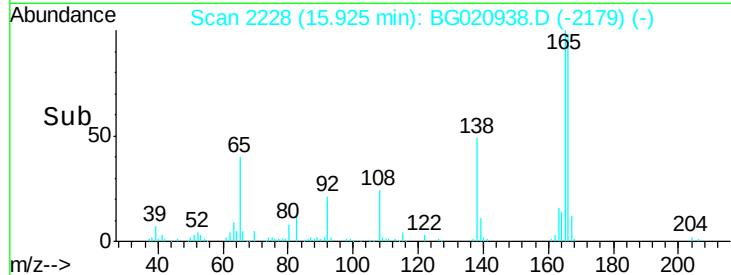
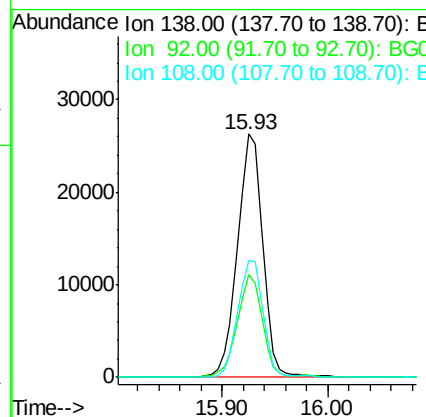
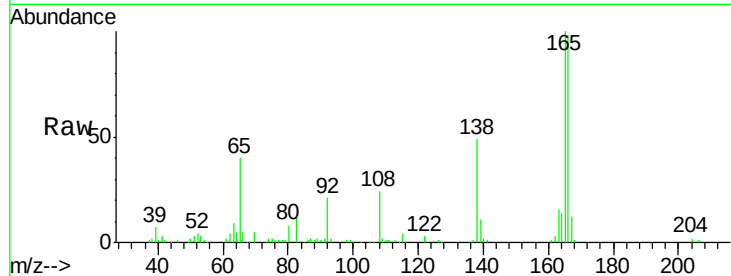
#61
4-Nitroaniline
Concen: 41.75 ng
RT: 15.93 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Instrument :
BNA_G
ClientSampleId :
PB88335BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	42.2	24.1	64.1	
108	48.1	32.4	72.4	

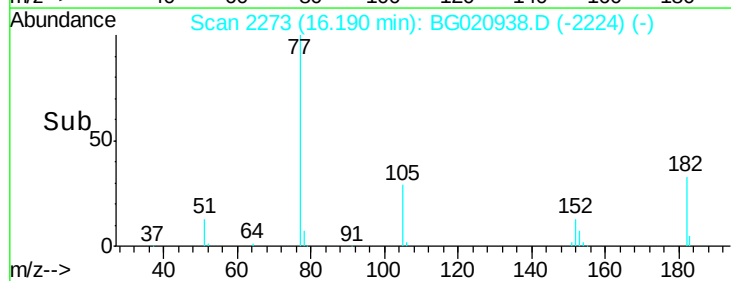
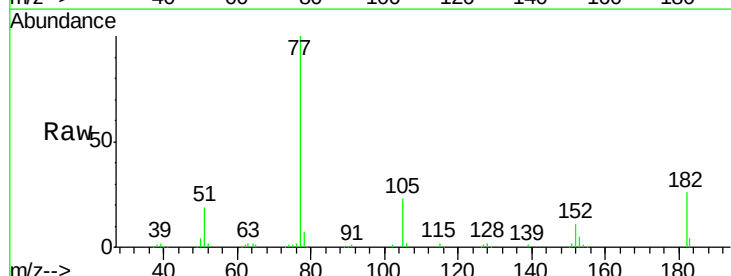
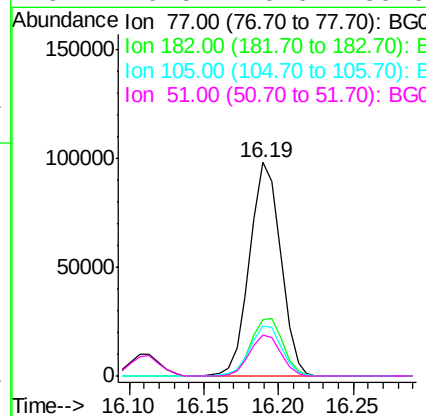
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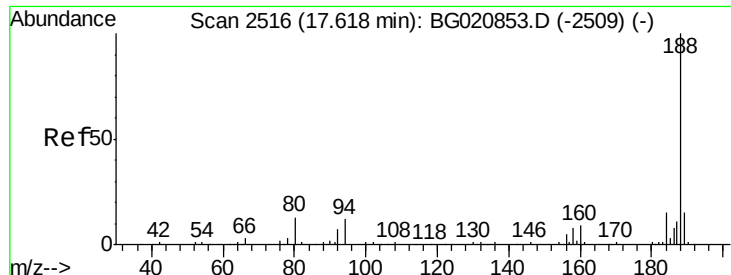
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#62
Azobenzene
Concen: 42.05 ng
RT: 16.19 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.5	6.8	46.8	
105	23.3	3.4	43.4	
51	19.5	0.0	39.9	





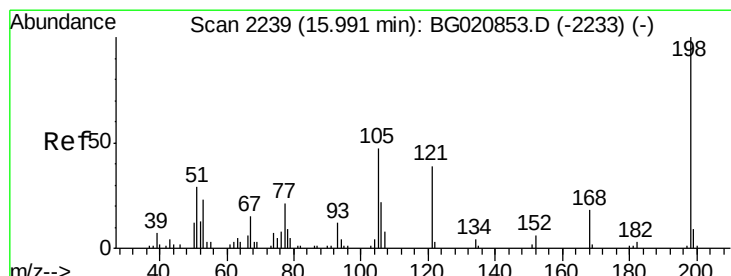
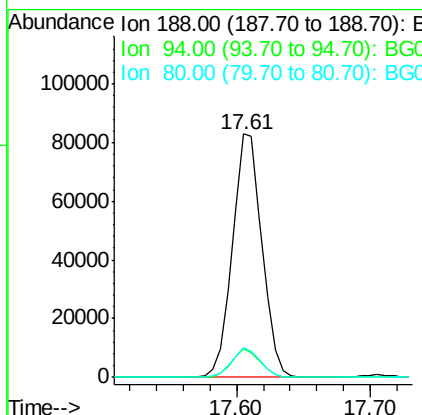
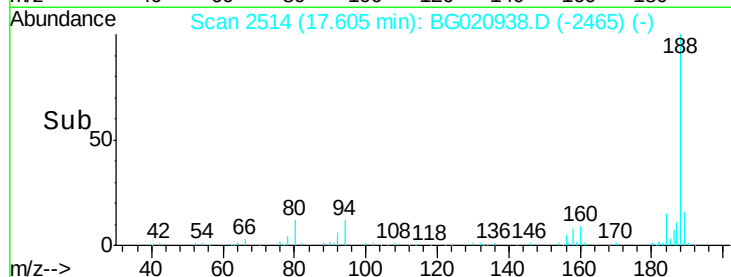
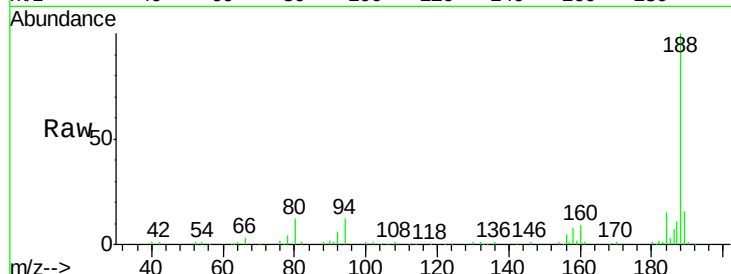
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.61 min Scan# 2514
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Instrument :
 BNA_G
 ClientSampled :
 PB88335BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	127231		
94	11.6	9.4	14.0	
80	12.1	10.2	15.4	

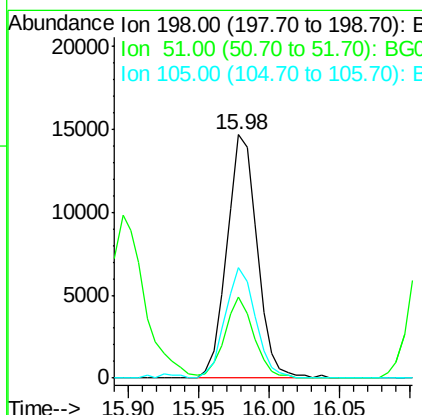
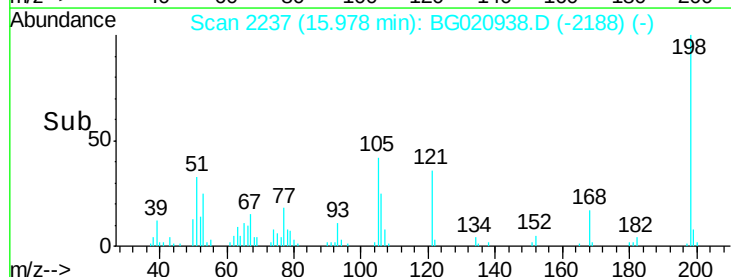
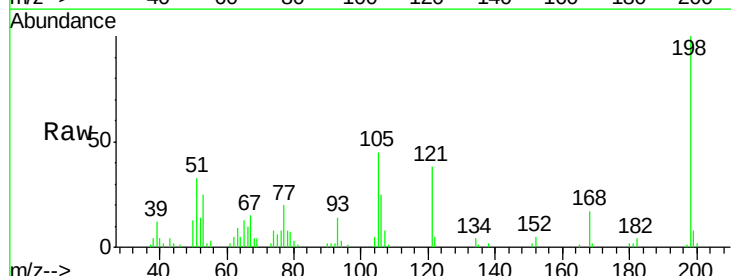
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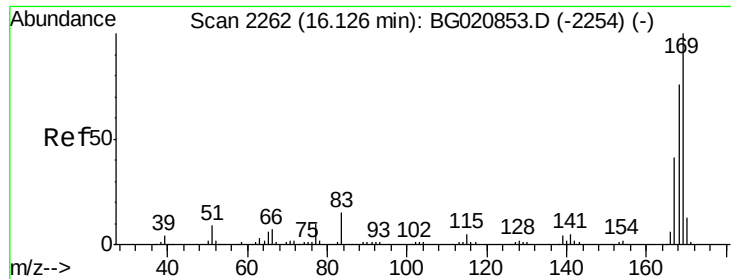
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.61 ng
 RT: 15.98 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	21985		
51	33.1	10.6	50.6	
105	45.2	27.0	67.0	





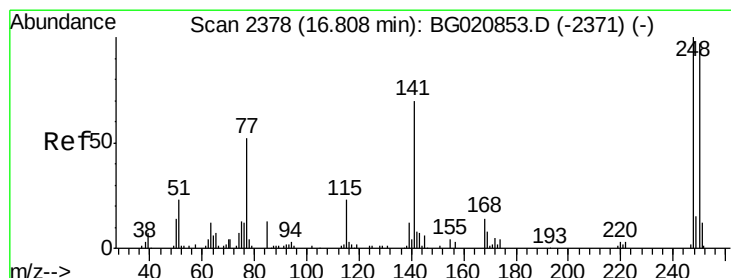
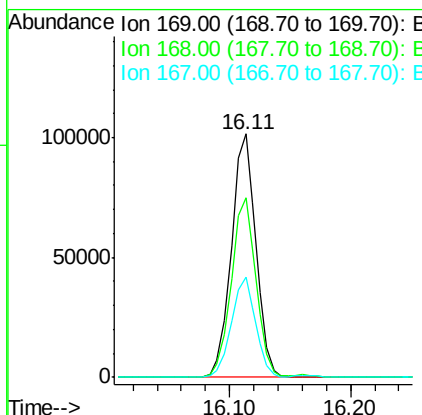
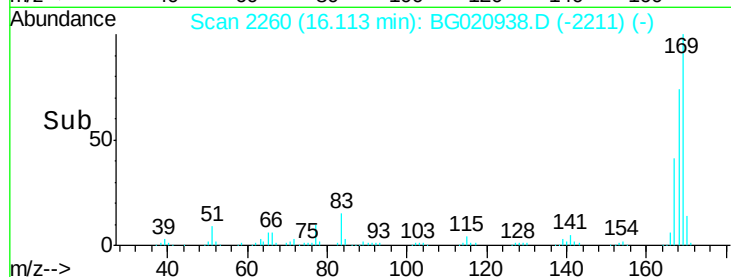
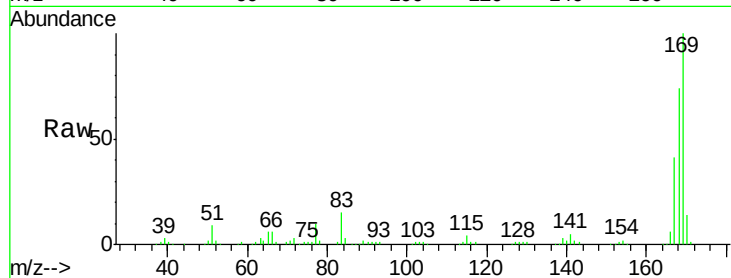
#65
 n-Nitrosodiphenylamine
 Concen: 34.77 ng
 RT: 16.11 min Scan# 2260
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Instrument :
 BNA_G
 ClientSampleId :
 PB88335BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	142926		
168	73.8	60.7	91.1	
167	41.0	32.8	49.2	

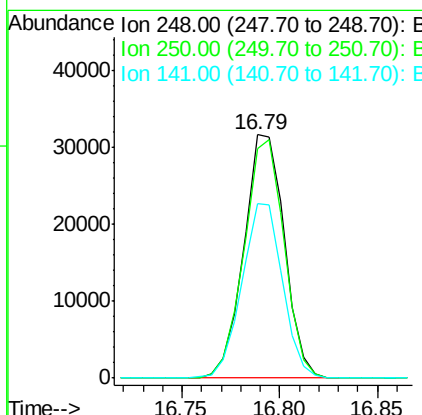
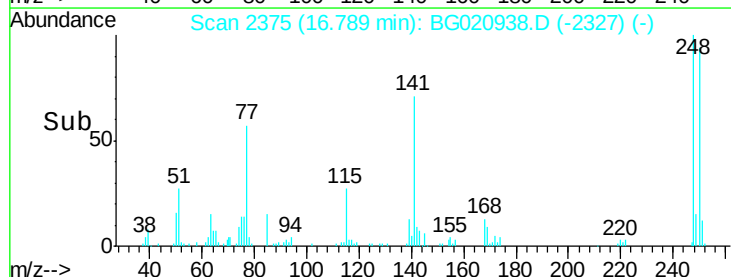
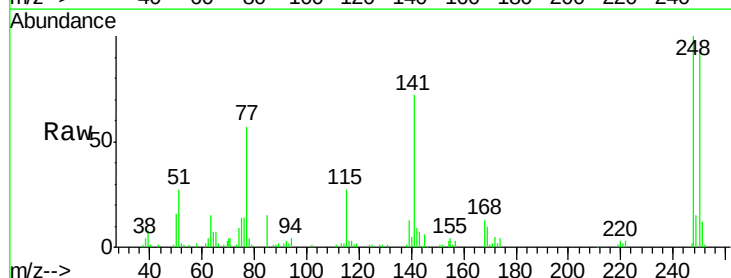
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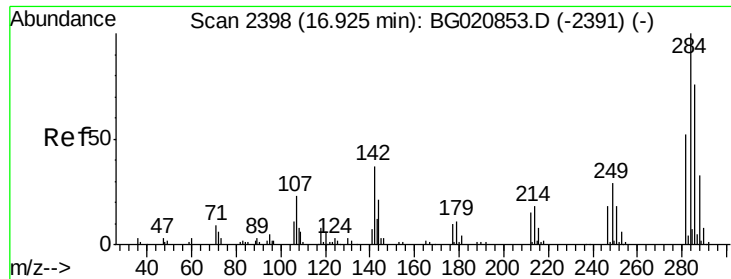
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#66
 4-Bromophenyl-phenylether
 Concen: 33.84 ng
 RT: 16.79 min Scan# 2375
 Delta R.T. -0.02 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	45473		
250	94.5	77.4	116.2	
141	71.7	55.7	83.5	





#67

Hexachlorobenzene

Concen: 34.78 ng

RT: 16.91 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

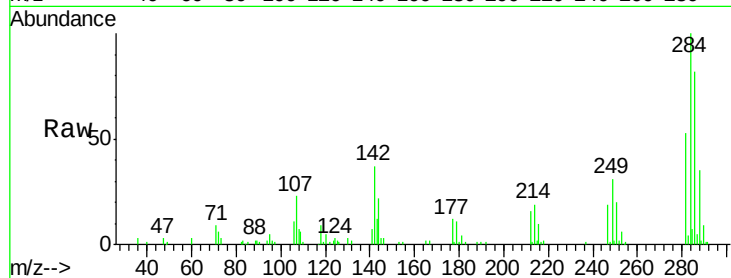
ClientSampleId :

PB88335BS

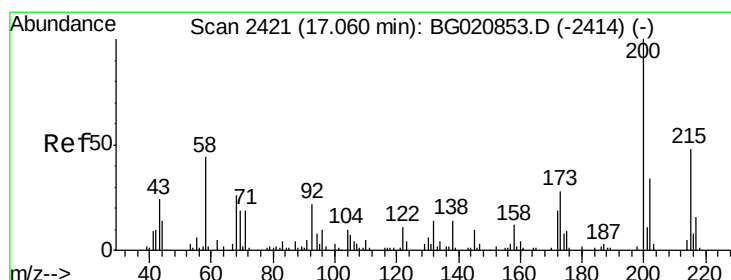
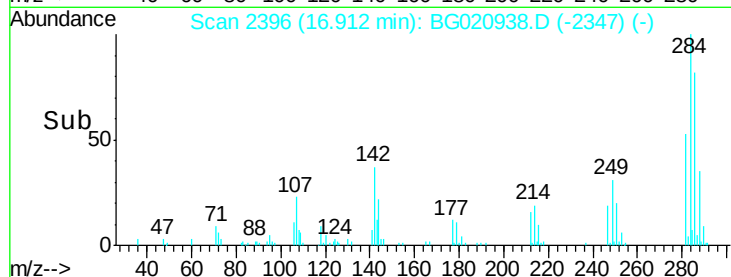
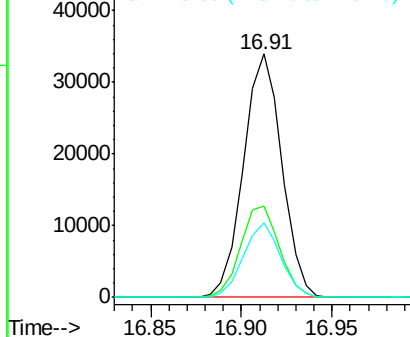
Tot Ion:	284	Resp:	49733
Ion Ratio	Lower	Upper	
284	100		
142	37.2	29.9	44.9
249	30.7	23.3	34.9

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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: 37.34 ng

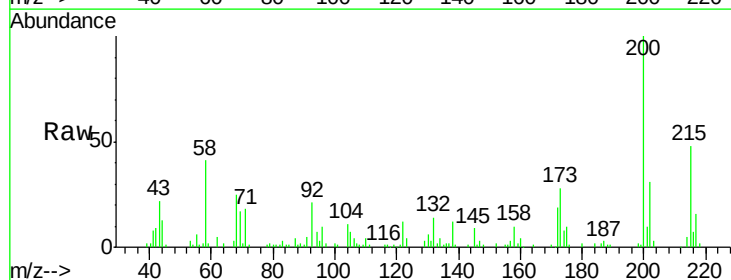
RT: 17.05 min Scan# 2419

Delta R.T. -0.01 min

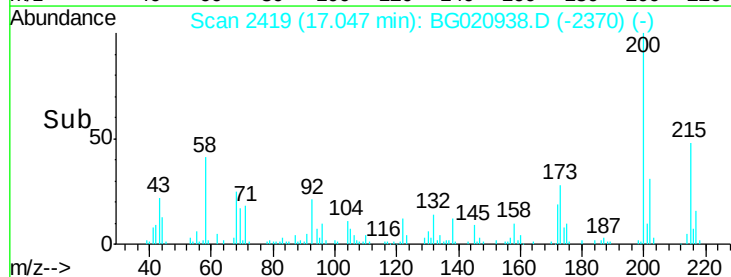
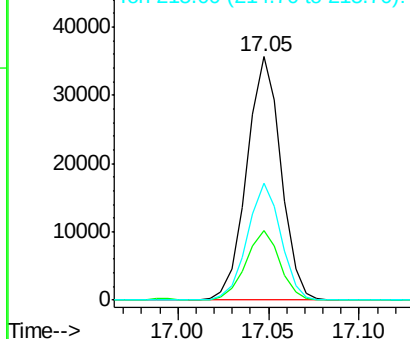
Lab File: BG020938.D

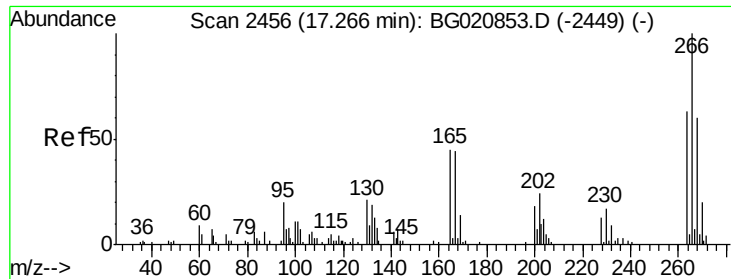
Acq: 18 Feb 2016 16:34

Tgt Ion:	200	Resp:	46582
Ion Ratio	Lower	Upper	
200	100		
173	28.4	8.4	48.4
215	47.9	28.2	68.2



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





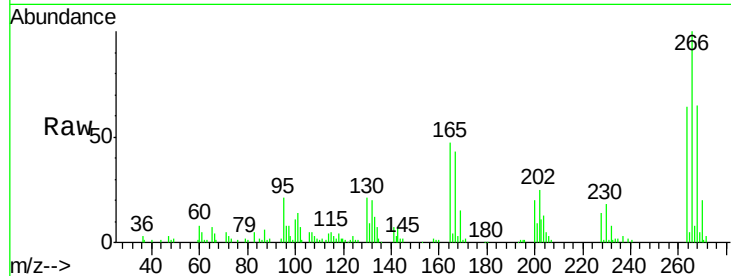
#69
 Pentachlorophenol
 Concen: 68.31 ng
 RT: 17.25 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Instrument :
 BNA_G
 ClientSampleID :
 PB88335BS

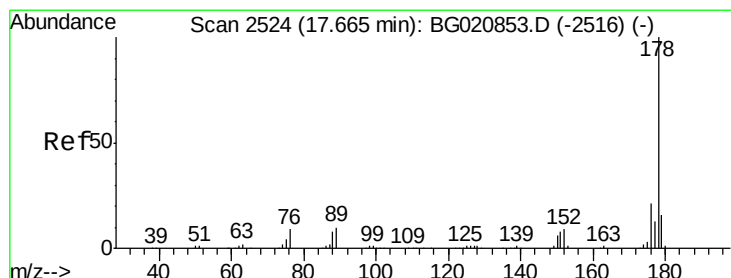
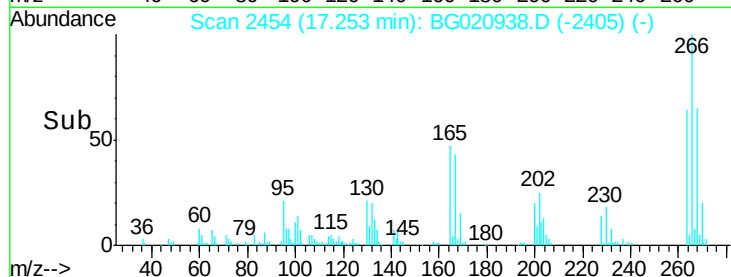
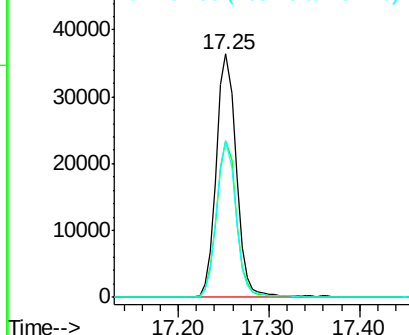
Tot Ion	Ratio	Resp	Lower	Upper
266	100	55999		
268	64.5		47.8	71.6
264	64.4		50.2	75.4

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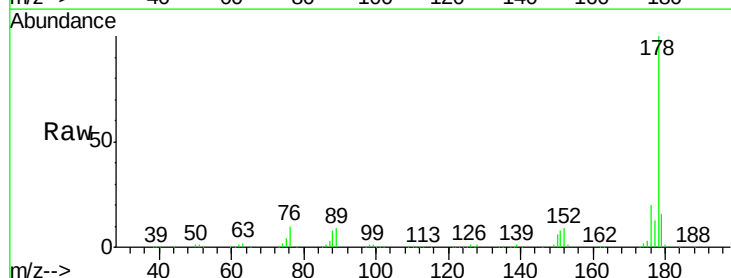


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

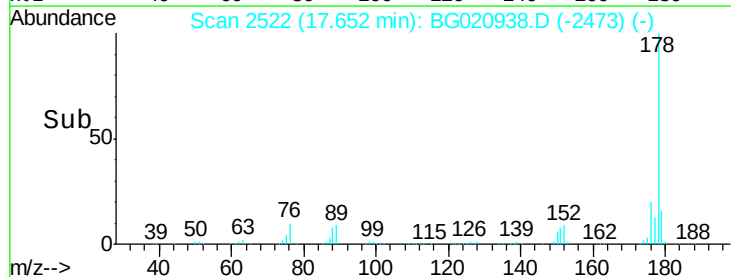
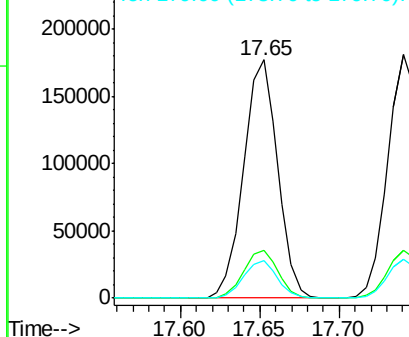


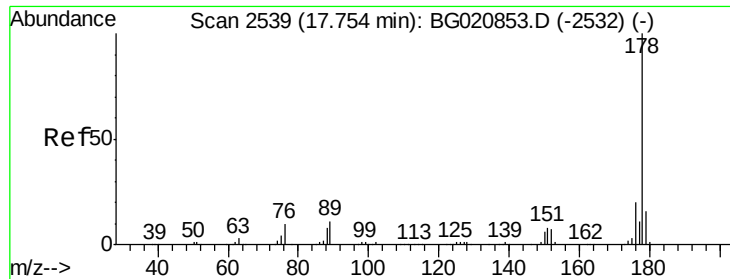
#70
 Phenanthrene
 Concen: 36.34 ng
 RT: 17.65 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	263245		
176	20.1		16.8	25.2
179	15.9		12.6	19.0



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





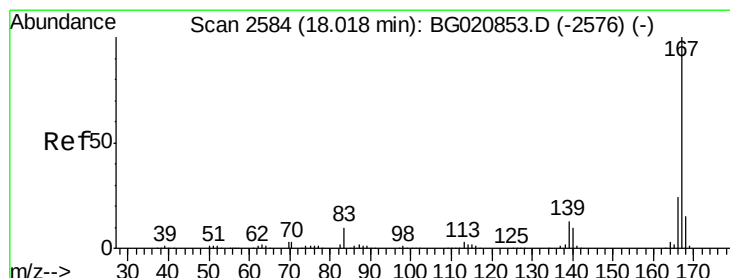
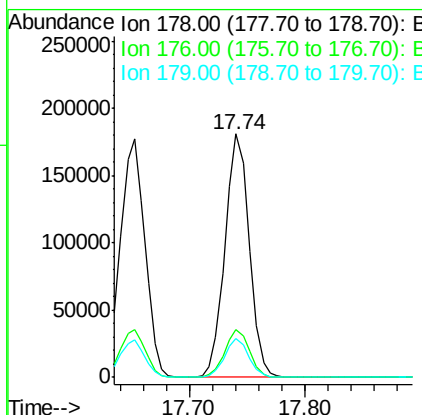
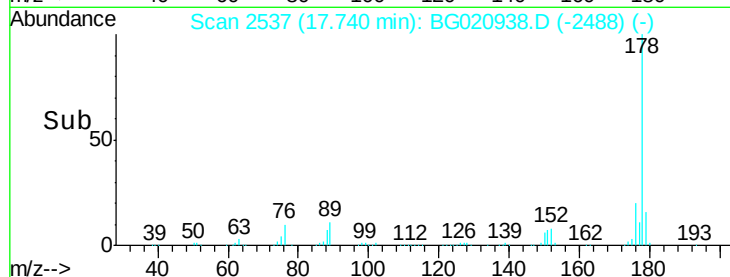
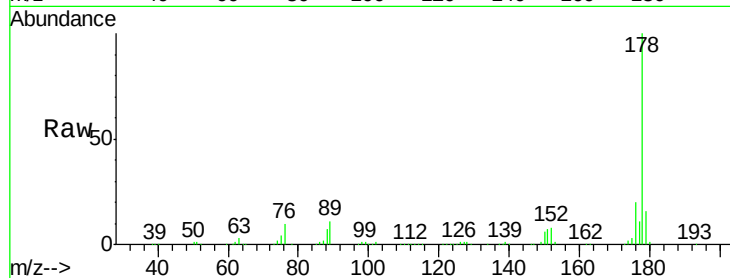
#71
 Anthracene
 Concen: 35.89 ng
 RT: 17.74 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Instrument :
 BNA_G
 ClientSampleId :
 PB88335BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	16.0	12.7	19.1

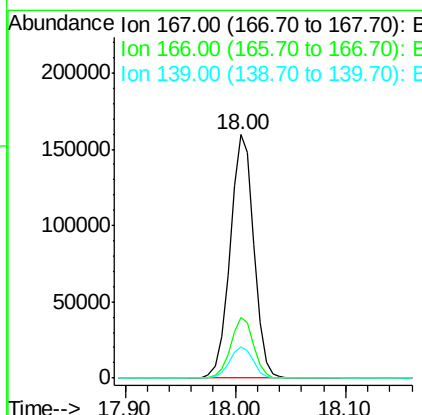
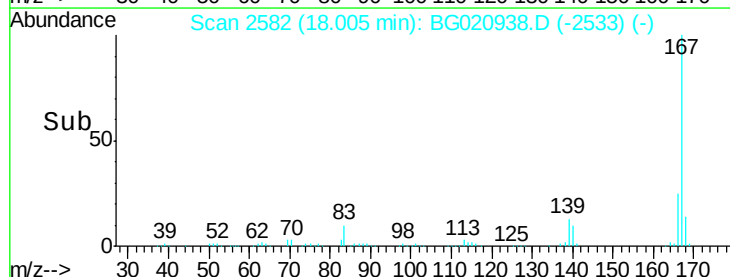
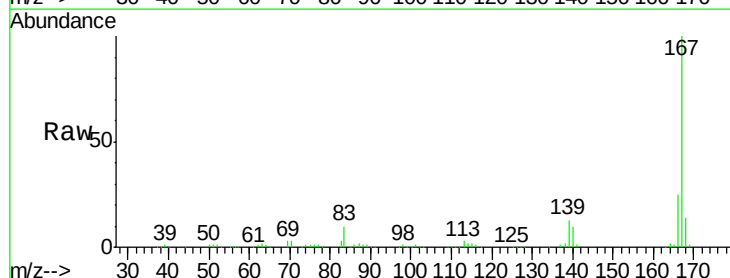
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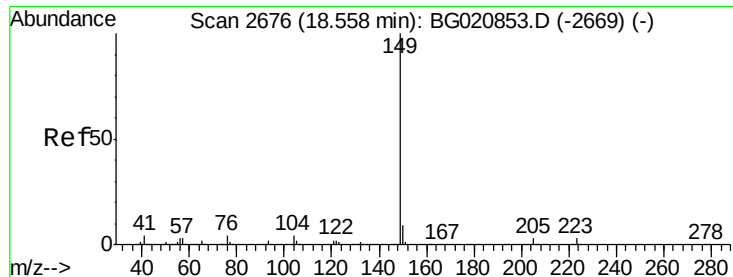
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#72
 Carbazole
 Concen: 36.23 ng
 RT: 18.00 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.7	19.3	28.9
139	12.9	10.2	15.4





#73

Di-n-butylphthalate

Concen: 34.83 ng

RT: 18.55 min Scan# 2674

Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

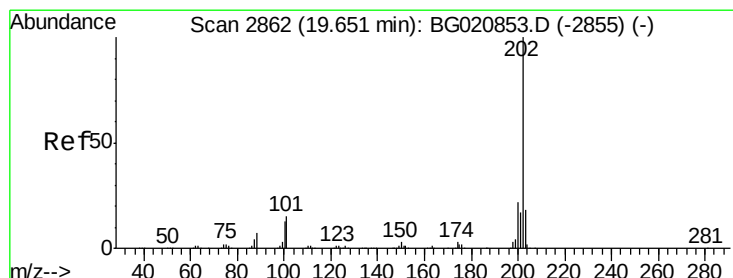
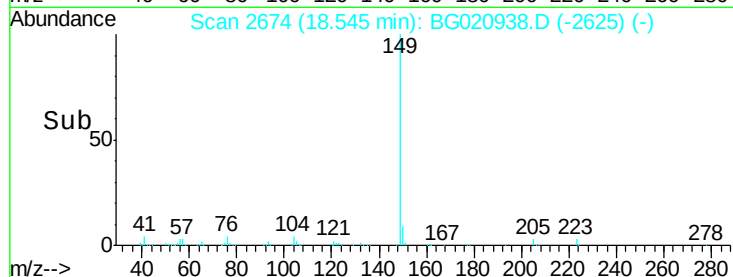
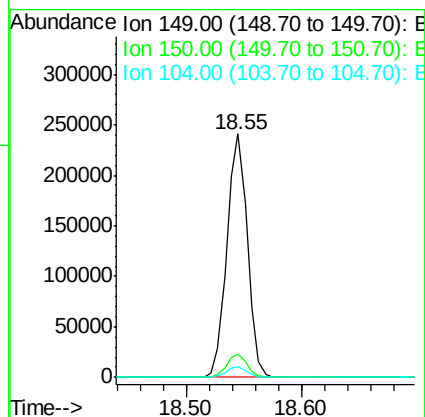
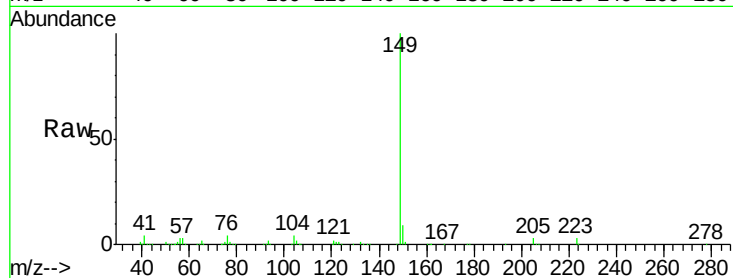
ClientSampleId :

PB88335BS

Tot Ion:	149	Resp:	294709
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.6	11.4
104	4.2	3.4	5.0

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#74

Fluoranthene

Concen: 34.86 ng

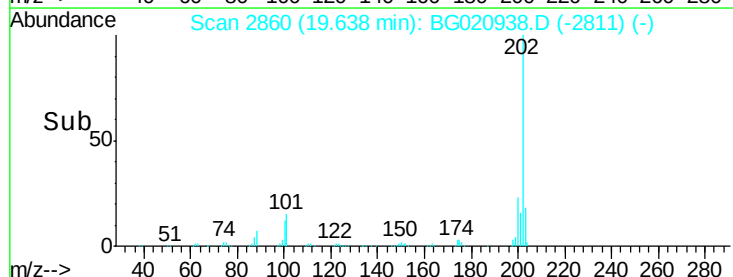
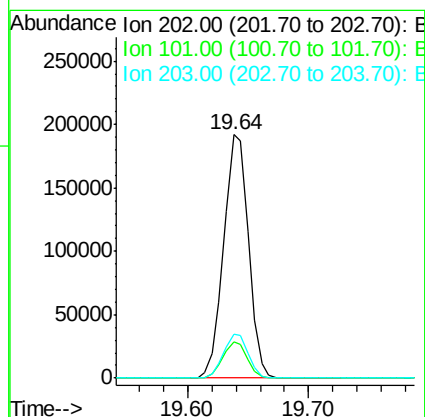
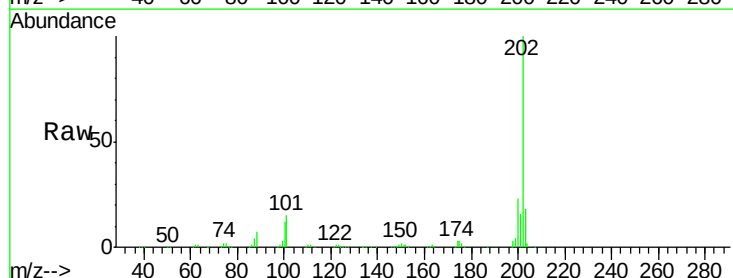
RT: 19.64 min Scan# 2860

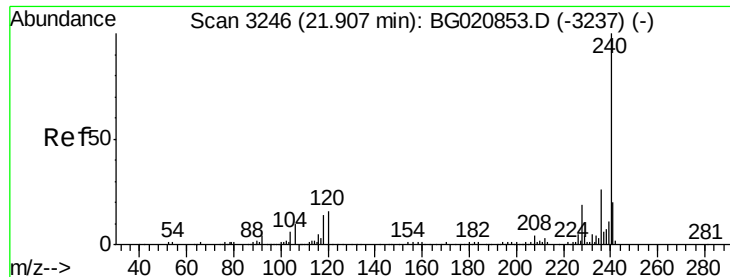
Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Tgt Ion:	202	Resp:	272781
Ion Ratio	Lower	Upper	
202	100		
101	15.0	0.0	35.3
203	18.0	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3243

Delta R.T. -0.02 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

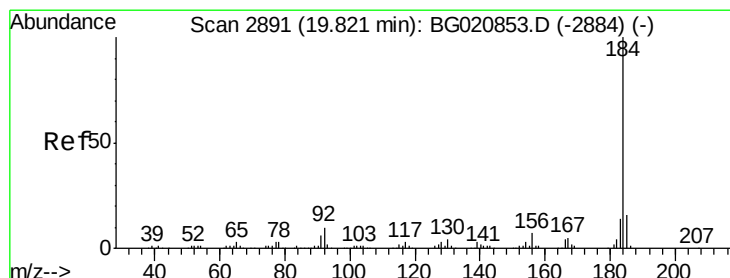
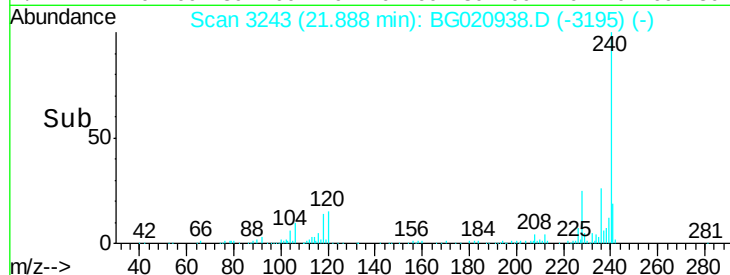
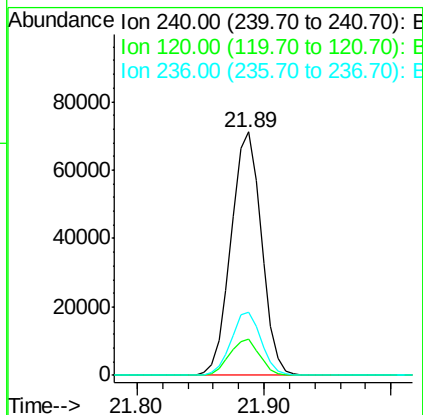
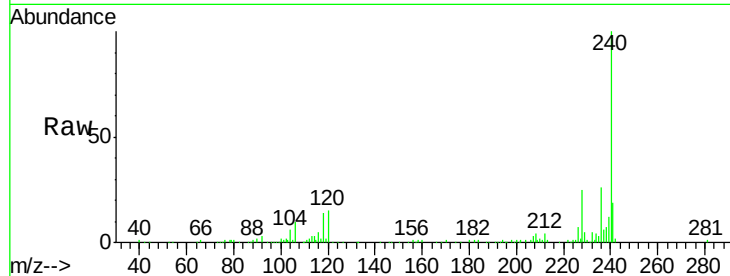
ClientSampleId :

PB88335BS

Tot Ion:	240	Resp:	117812
Ion Ratio	Lower	Upper	
240	100		
120	14.8	13.0	19.4
236	25.8	21.0	31.4

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#76

Benzidine

Concen: 12.10 ng

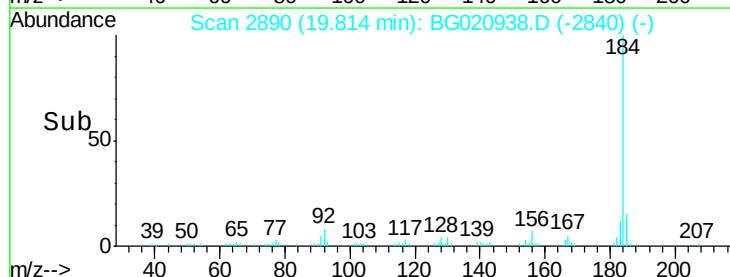
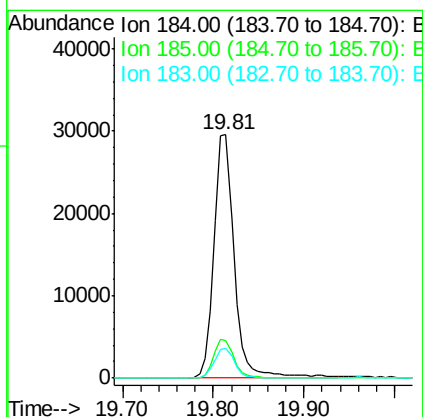
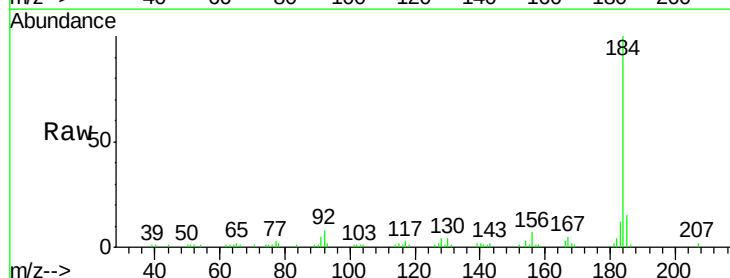
RT: 19.81 min Scan# 2890

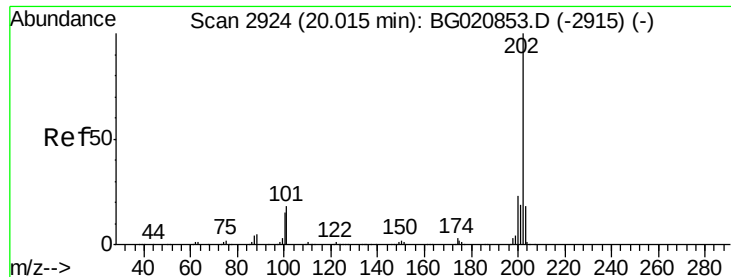
Delta R.T. -0.01 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Tgt Ion:	184	Resp:	46109
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.6	19.0
183	12.3	11.0	16.4





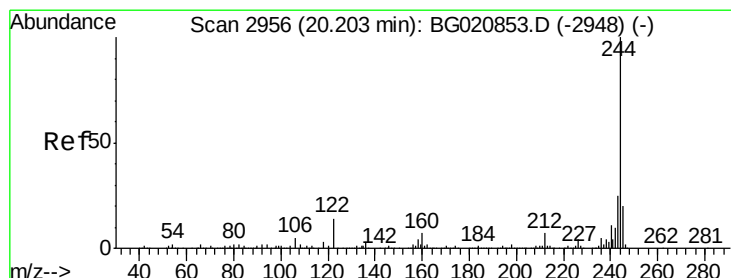
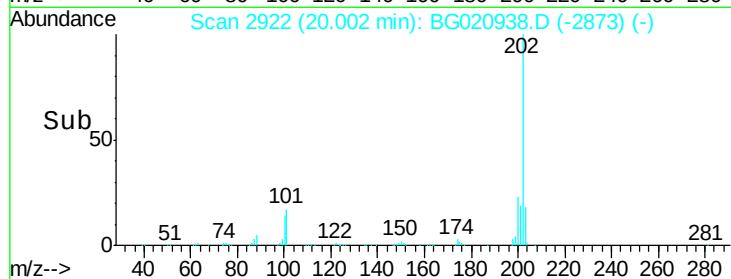
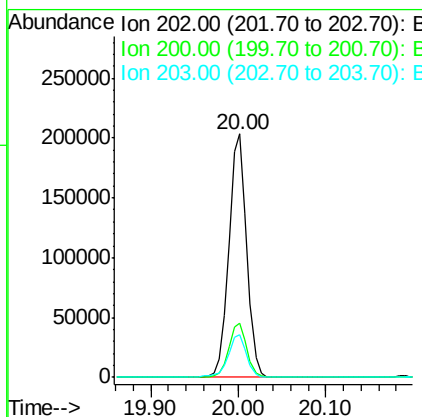
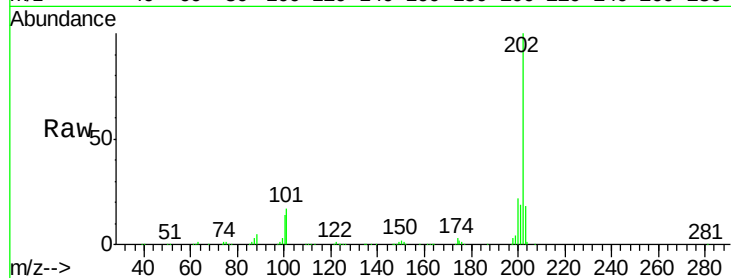
#77
Pvrene
Concen: 36.43 ng
RT: 20.00 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Instrument :
BNA_G
ClientSampled :
PB88335BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.5	18.5	27.7
203	17.6	14.3	21.5

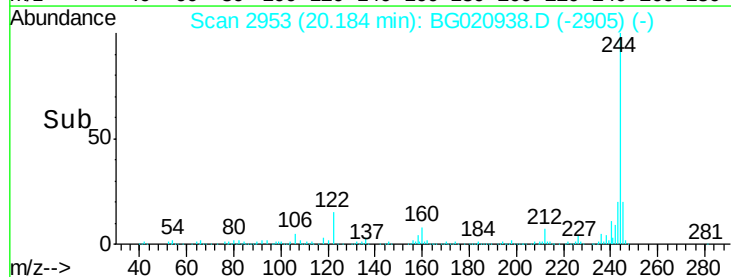
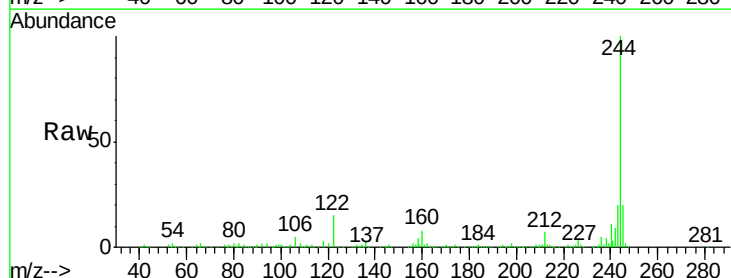
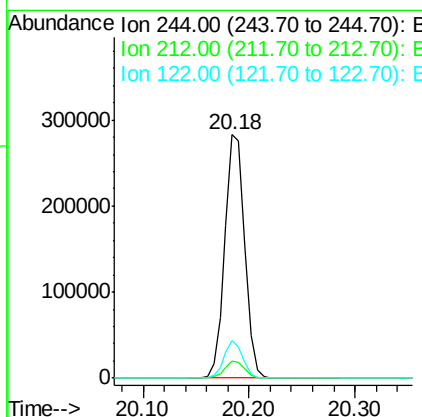
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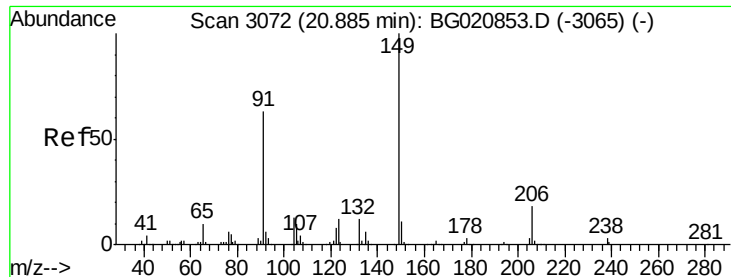
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#78
Terphenyl-d14
Concen: 72.76 ng
RT: 20.18 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	5.5	8.3
122	15.5	11.4	17.2





#79

Butylbenzylphthalate

Concen: 34.96 ng

RT: 20.87 min Scan# 3069

Delta R.T. -0.02 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

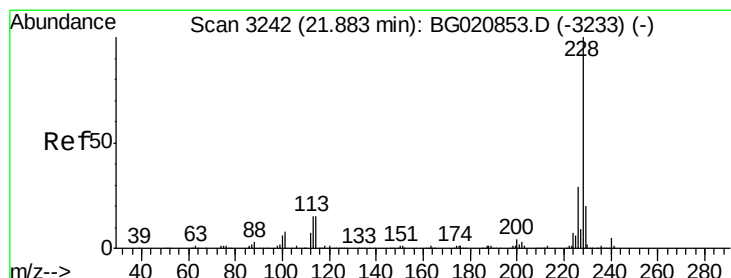
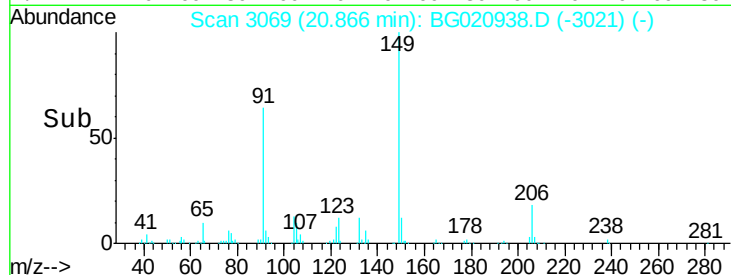
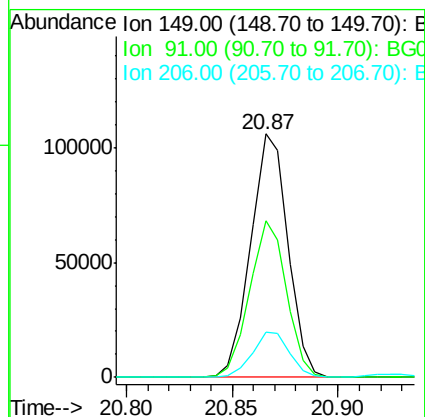
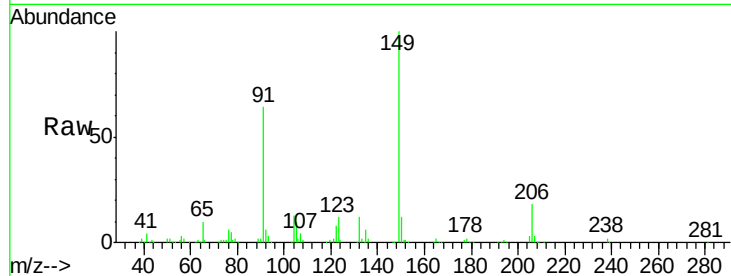
ClientSampled :

PB88335BS

Tot Ion:	149	Resp:	130081
Ion Ratio	Lower	Upper	
149	100		
91	64.5	50.6	76.0
206	18.4	14.6	22.0

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#80

Benzo(a)anthracene

Concen: 36.25 ng

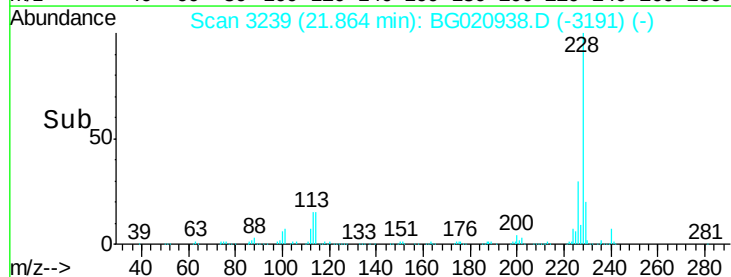
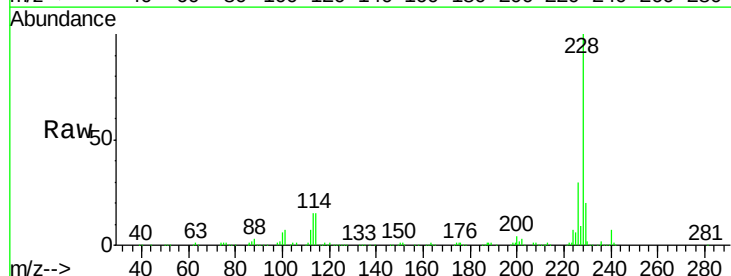
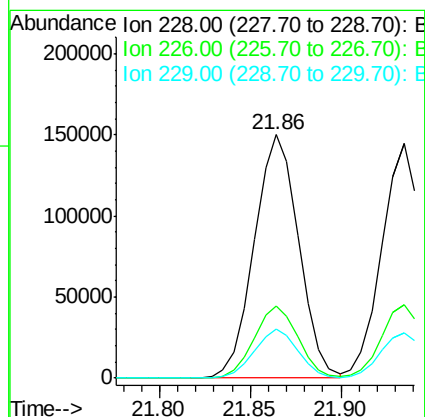
RT: 21.86 min Scan# 3239

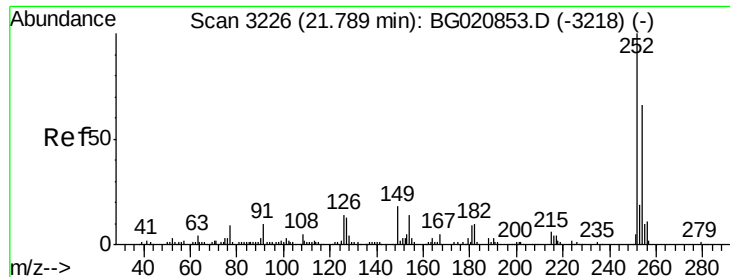
Delta R.T. -0.02 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Tgt Ion:	228	Resp:	254930
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.1	34.7
229	19.9	16.2	24.2





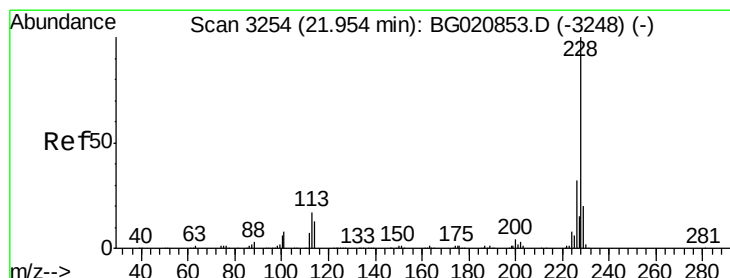
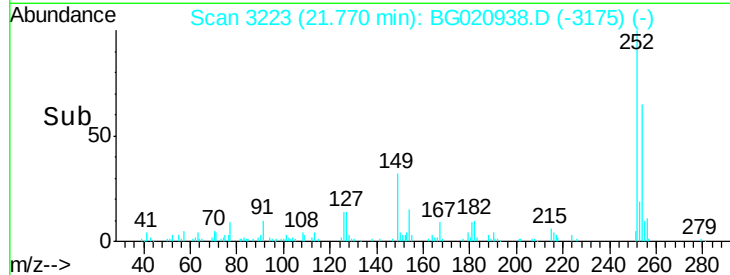
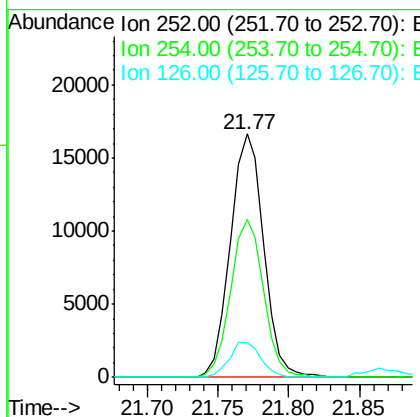
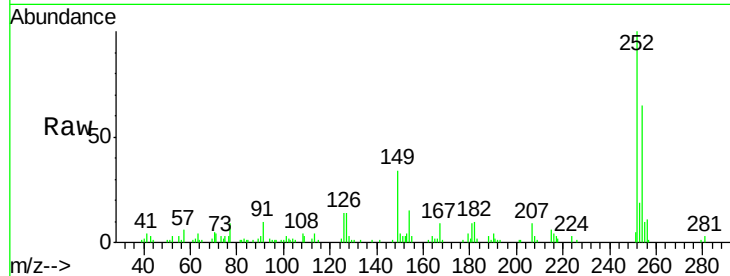
#81
 3,3'-Dichlorobenzidine
 Concen: 10.48 ng
 RT: 21.77 min Scan# 3223
 Delta R.T. -0.02 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Instrument :
 BNA_G
 ClientSampleId :
 PB88335BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.8	79.2
126	14.4	11.1	16.7

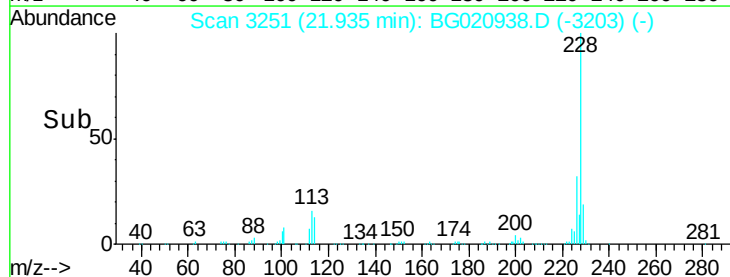
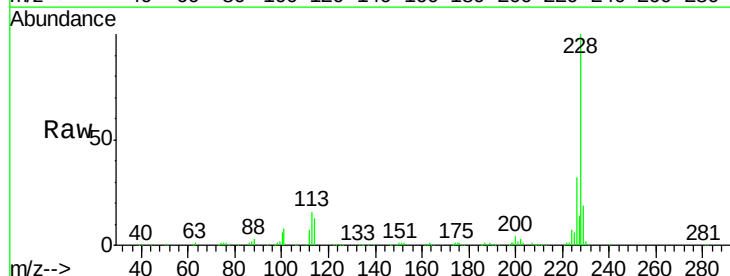
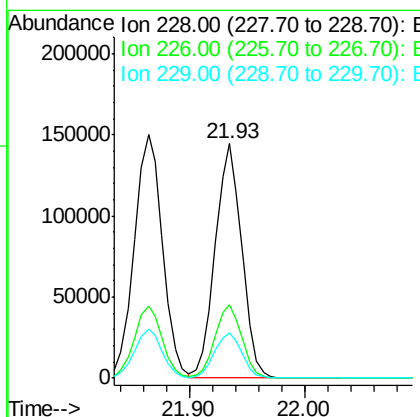
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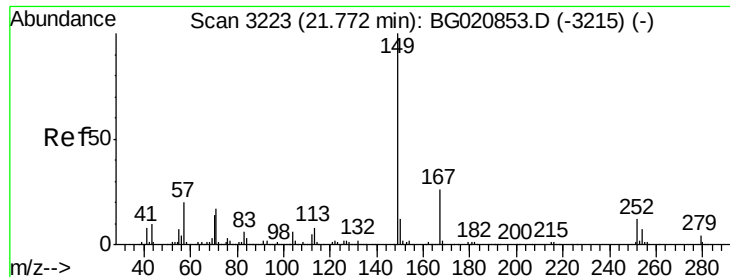
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#82
 Chrysene
 Concen: 34.84 ng
 RT: 21.93 min Scan# 3251
 Delta R.T. -0.02 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.3	37.9
229	19.3	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.70 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.02 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

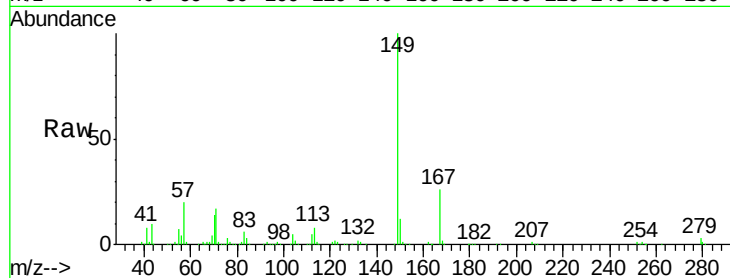
ClientSampleId :

PB88335BS

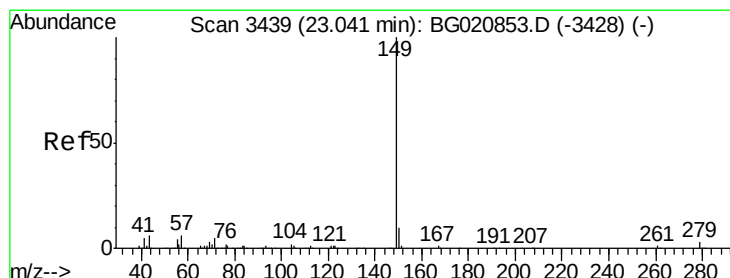
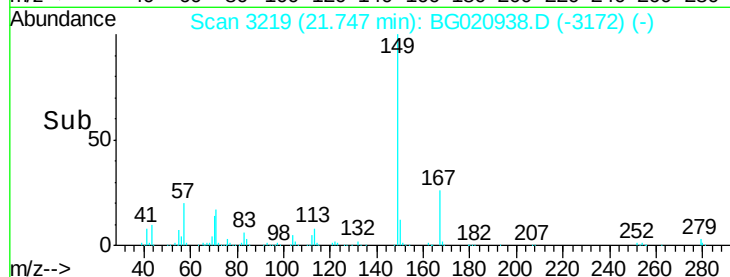
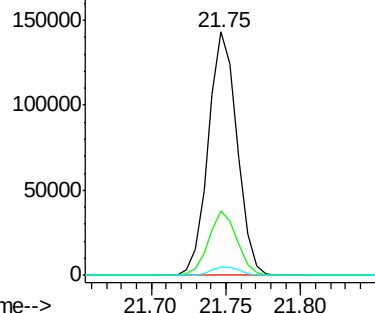
Tot Ion:	149	Resp:	191388
Ion Ratio		Lower	Upper
149	100		
167	26.2	20.9	31.3
279	3.4	3.0	4.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.96 ng

RT: 23.01 min Scan# 3434

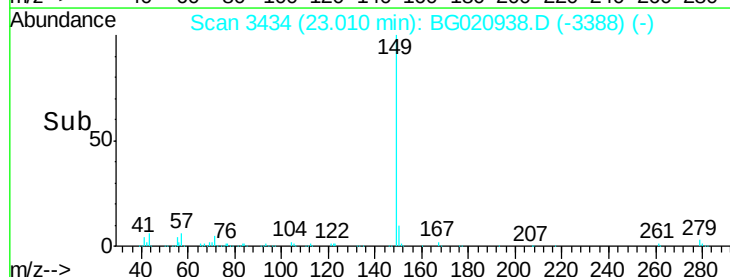
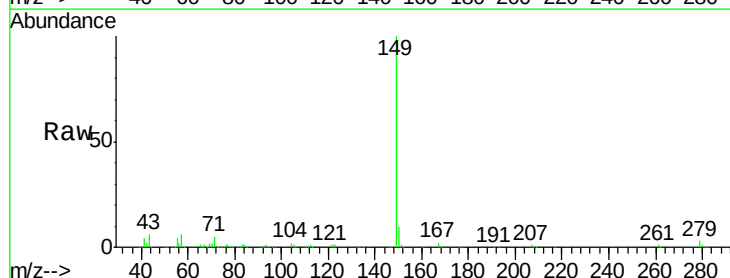
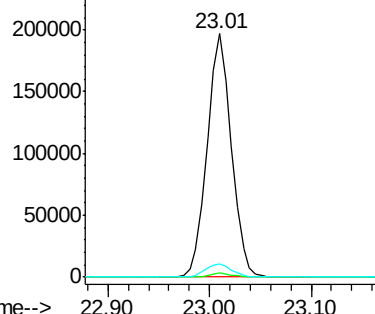
Delta R.T. -0.03 min

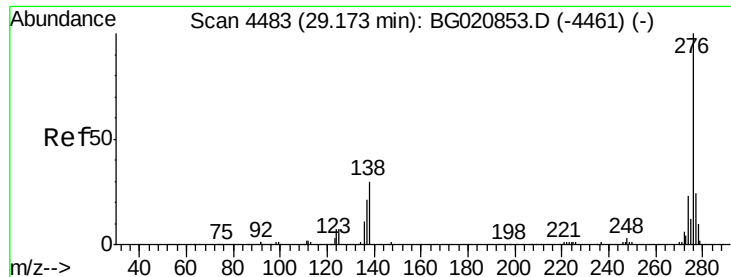
Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Tgt Ion:	149	Resp:	325615
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	6.0	5.1	7.7

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.73 ng

RT: 29.11 min Scan# 4472

Delta R.T. -0.07 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

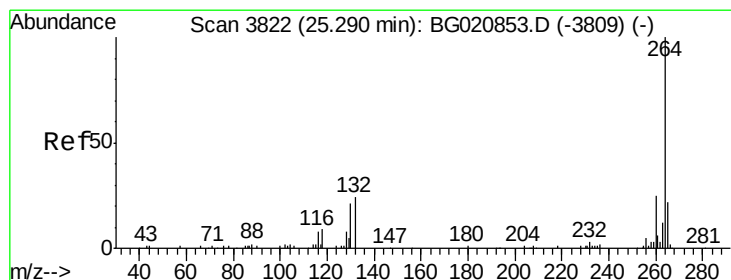
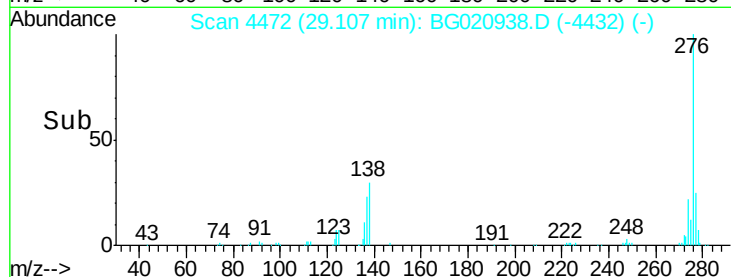
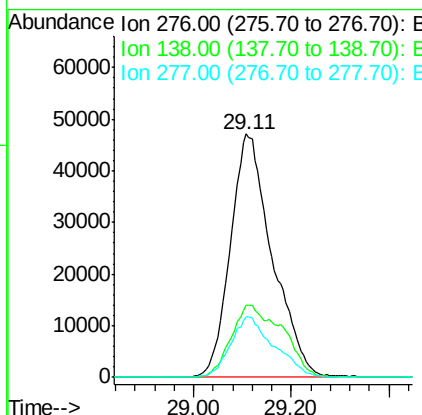
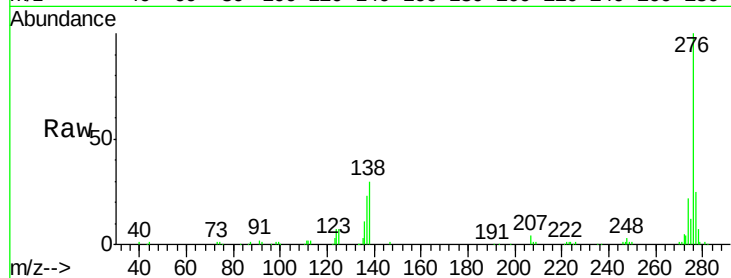
ClientSampleId :

PB88335BS

Tot Ion:	276	Resp:	279426
Ion Ratio	Lower	Upper	
276	100		
138	36.5	20.1	30.1#
277	25.9	20.5	30.7

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#86

Perylene-d12

Concen: 20.00 ng

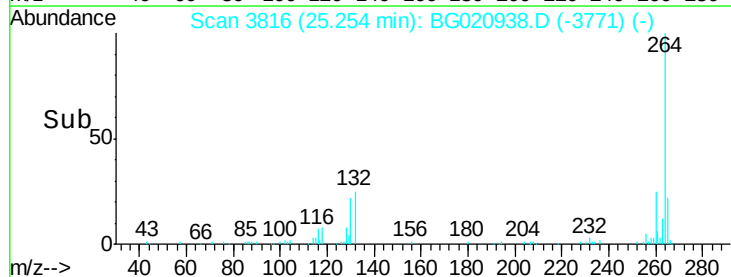
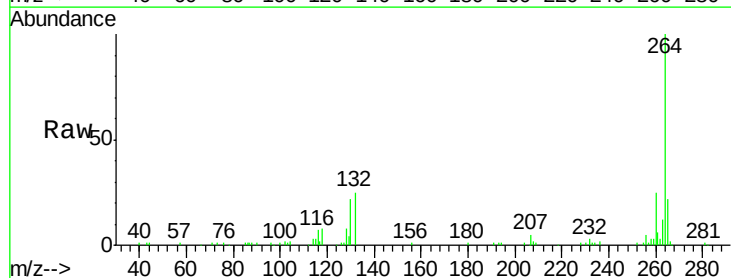
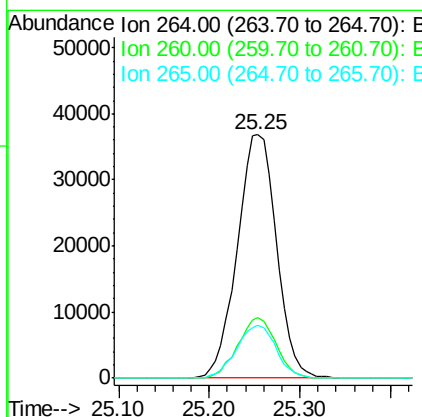
RT: 25.25 min Scan# 3816

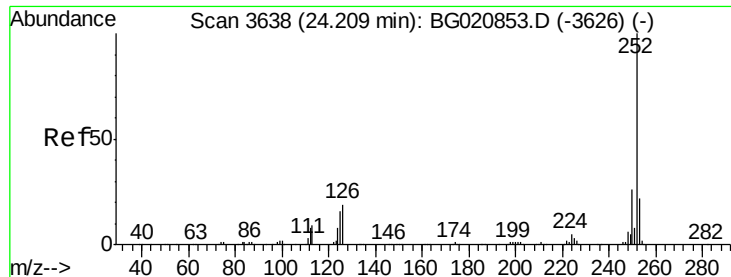
Delta R.T. -0.04 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Tgt Ion:	264	Resp:	110615
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.9	29.9
265	21.7	18.0	27.0





#87

Benzo(b)fluoranthene

Concen: 37.30 ng

RT: 24.18 min Scan# 3633

Delta R.T. -0.03 min

Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Instrument :

BNA_G

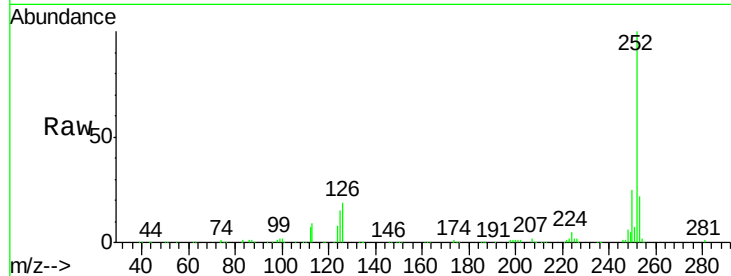
ClientSampleId :

PB88335BS

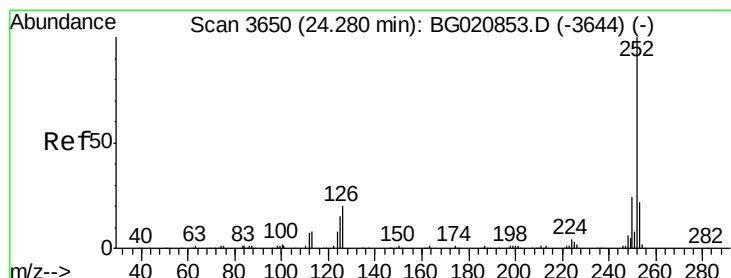
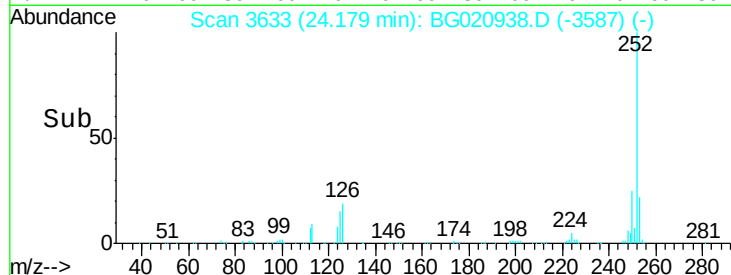
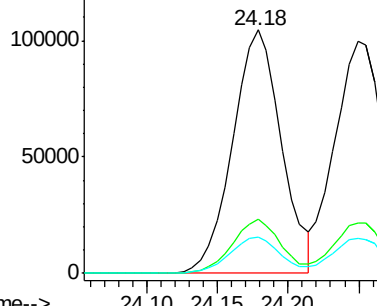
Tot Ion	Ratio	Resp	Lower	Upper
252	100	252526		
253	22.0		17.5	26.3
125	14.8		12.5	18.7

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



#88

Benzo(k)fluoranthene

Concen: 36.34 ng

RT: 24.25 min Scan# 3645

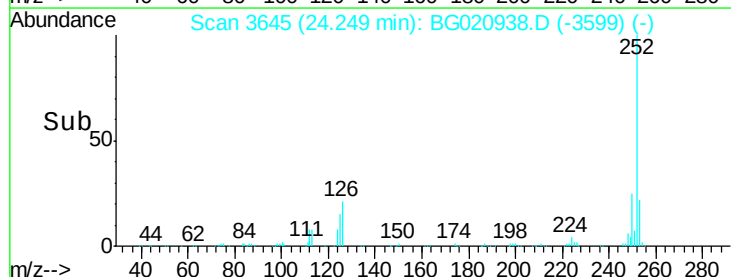
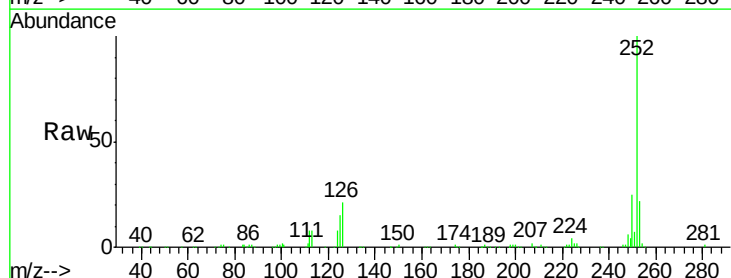
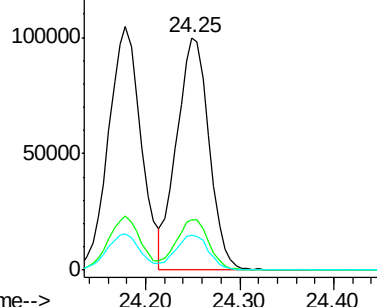
Delta R.T. -0.03 min

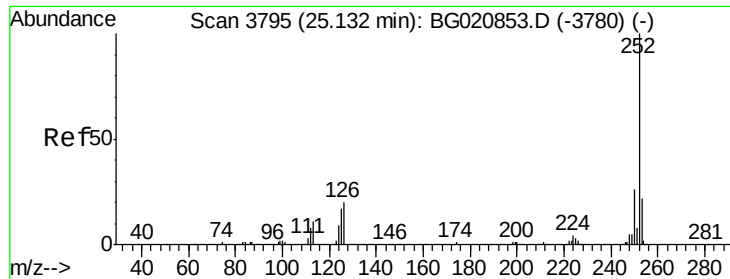
Lab File: BG020938.D

Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	241055		
253	21.9		17.7	26.5
125	15.2		12.2	18.4

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





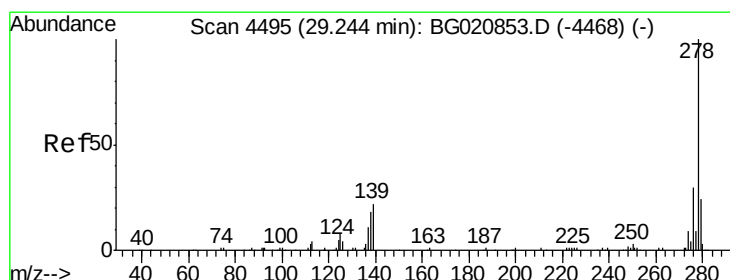
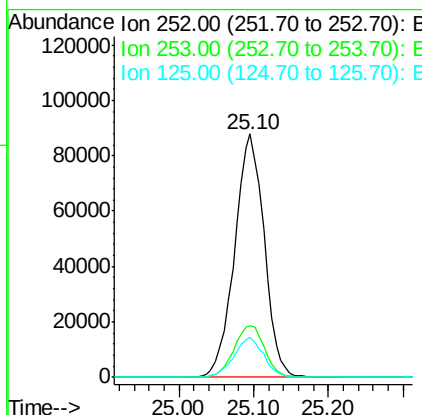
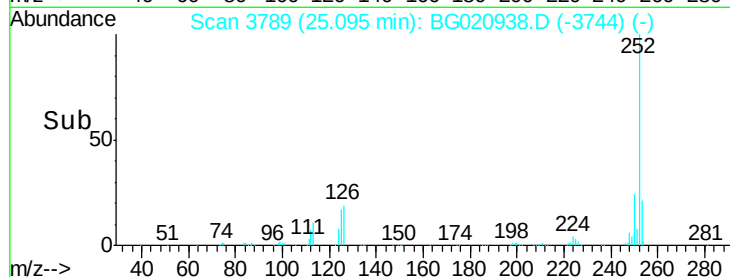
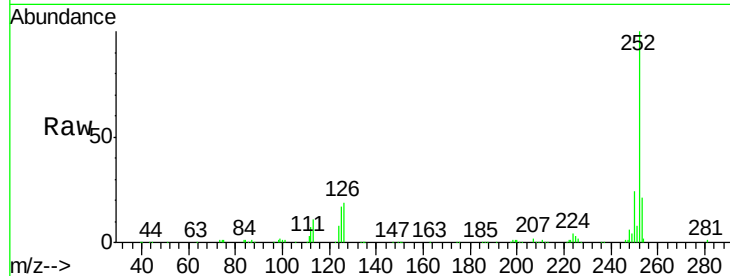
#89
Benzo(a)pyrene
Concen: 37.41 ng
RT: 25.10 min Scan# 3789
Delta R.T. -0.04 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Instrument :
BNA_G
ClientSampleId :
PB88335BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.2
125	16.6	13.6	20.4

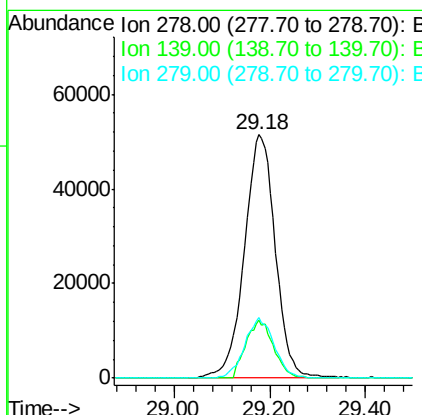
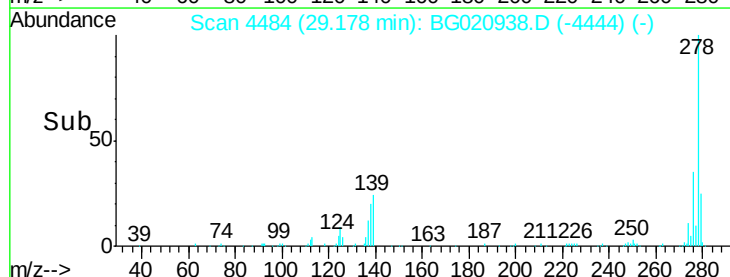
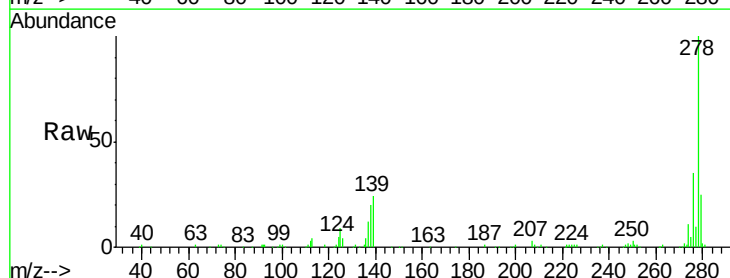
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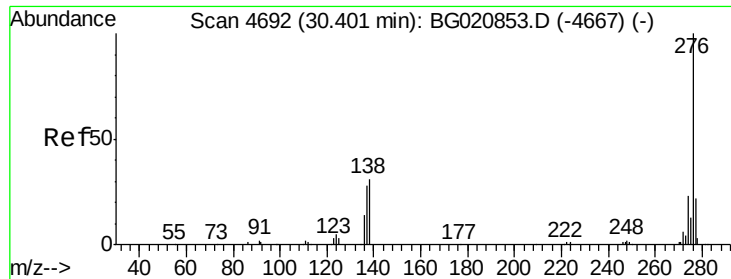
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#90
Dibenzo(a,h)anthracene
Concen: 36.73 ng
RT: 29.18 min Scan# 4484
Delta R.T. -0.07 min
Lab File: BG020938.D
Acq: 18 Feb 2016 16:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.9	17.3	25.9
279	24.9	19.1	28.7





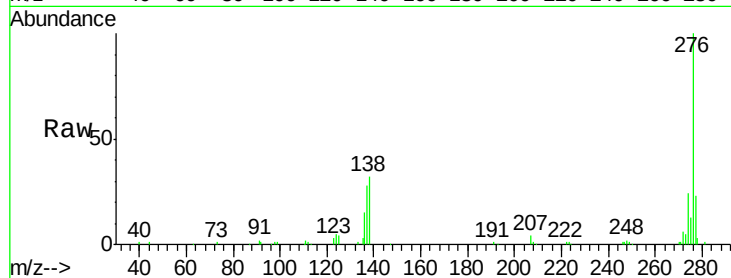
#91
 Benzo(a,h,i)perylene
 Concen: 36.53 ng
 RT: 30.32 min Scan# 4679
 Delta R.T. -0.08 min
 Lab File: BG020938.D
 Acq: 18 Feb 2016 16:34

Instrument :
 BNA_G
 ClientSampleId :
 PB88335BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.6	26.4
138	31.8	25.2	37.8

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 2/19/2016 3:24:45 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

