

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021680.D
 Acq On : 15 Apr 2016 10:03
 Operator : UM/SJ
 Sample : PB89789BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB89789BS

Manual Integrations
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Sohil
 4/15/2016 4:44:57 PM

Quant Time: Apr 15 15:04:55 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	34385	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	156747	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	102857	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	234114	20.00	ng	0.00
75) Chrysene-d12	21.83	240	263276	20.00	ng	0.00
86) Perylene-d12	25.16	264	252073	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.77	112	179741	87.05	ng	0.01
7) Phenol-d6	7.37	99	269121	87.25	ng	0.01
23) Nitrobenzene-d5	9.38	82	235588	77.25	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	98395	88.76	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	559376	79.68	ng	0.00
78) Terphenyl-d14	20.14	244	822210	77.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.63	88	25798	28.07	ng	89
3) Pyridine	4.04	79	80877	29.32	ng	93
4) n-Nitrosodimethylamine	3.95	42	45542	33.32	ng	# 77
6) Aniline	7.54	93	75110	18.41	ng	95
8) 2-Chlorophenol	7.78	128	100822	40.73	ng	95
9) Benzaldehyde	7.35	77	16310	9.14	ng	85
10) Phenol	7.39	94	141210	42.57	ng	98
11) bis(2-Chloroethyl)ether	7.63	93	95541	35.98	ng	93
12) 1,3-Dichlorobenzene	8.10	146	98970	35.80	ng	97
13) 1,4-Dichlorobenzene	8.25	146	99132	35.22	ng	94
14) 1,2-Dichlorobenzene	8.57	146	97121	35.97	ng	97
15) Benzyl Alcohol	8.45	79	102977	43.69	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.74	45	189061	33.24	ng	98
17) 2-Methylphenol	8.65	107	97625	42.56	ng	93
18) Hexachloroethane	9.31	117	36500	35.63	ng	# 78
19) n-Nitroso-di-n-propylamine	9.02	70	87625	36.56	ng	93
20) 3+4-Methylphenols	8.98	107	135001	43.01	ng	98
22) Acetophenone	9.04	105	153987	35.27	ng	# 99
24) Nitrobenzene	9.42	77	121742	37.28	ng	96
25) Isophorone	9.95	82	239059	35.82	ng	98
26) 2-Nitrophenol	10.14	139	53713	43.09	ng	95
27) 2,4-Dimethylphenol	10.19	122	111192	39.27	ng	98
28) bis(2-Chloroethoxy)methane	10.42	93	141519	39.90	ng	91
29) 2,4-Dichlorophenol	10.67	162	110636	45.83	ng	97
30) 1,2,4-Trichlorobenzene	10.89	180	99142	38.19	ng	93
31) Naphthalene	11.08	128	317428	37.84	ng	# 96
32) Benzoic acid	10.31	122	68703	43.74	ng	96
33) 4-Chloroaniline	11.19	127	41109	11.32	ng	98
34) Hexachlorobutadiene	11.36	225	62103	37.09	ng	95
35) Caprolactam	11.96	113	42091m	38.10	ng	
36) 4-Chloro-3-methylphenol	12.29	107	133563	43.99	ng	94
37) 2-Methylnaphthalene	12.67	142	240096	41.69	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	119312	37.12	ng	# 98
40) Hexachlorocyclopentadiene	13.01	237	154649	86.61	ng	99

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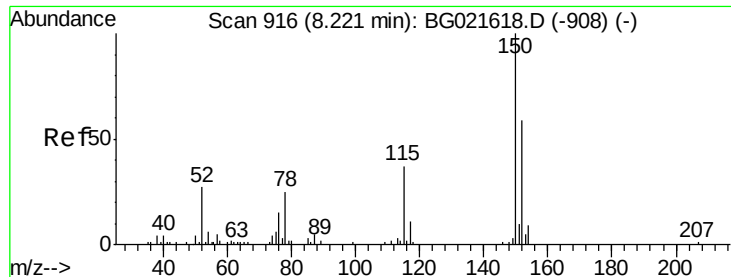
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	90333	44.07	ng	95
43) 2,4,5-Trichlorophenol	13.34	196	99792	45.12	ng	96
45) 1,1'-Biphenyl	13.66	154	320862	37.03	ng	97
46) 2-Chloronaphthalene	13.71	162	248431	38.77	ng	99
47) 2-Nitroaniline	13.91	65	94831	43.17	ng	98
48) Acenaphthylene	14.55	152	414498	39.13	ng	98
49) Dimethylphthalate	14.27	163	339042	38.12	ng	99
50) 2,6-Dinitrotoluene	14.40	165	74658	44.03	ng	98
51) Acenaphthene	14.88	154	291692	43.07	ng	97
52) 3-Nitroaniline	14.72	138	40966	21.78	ng	100
53) 2,4-Dinitrophenol	14.92	184	60710	91.85	ng	92
54) Dibenzofuran	15.22	168	407129	44.03	ng	99
55) 4-Nitrophenol	15.02	139	131373	81.58	ng	96
56) 2,4-Dinitrotoluene	15.17	165	104679	45.67	ng	100
57) Fluorene	15.86	166	332166	40.22	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	90125	49.11	ng	99
59) Diethylphthalate	15.62	149	353400	38.07	ng	97
60) 4-Chlorophenyl-phenylether	15.85	204	162574	39.97	ng	98
61) 4-Nitroaniline	15.88	138	80155	38.73	ng	97
62) Azobenzene	16.14	77	342407	43.04	ng	99
64) 4,6-Dinitro-2-methylphenol	15.93	198	45029	46.39	ng	99
65) n-Nitrosodiphenylamine	16.06	169	296281	42.20	ng	96
66) 4-Bromophenyl-phenylether	16.75	248	106416	42.43	ng	95
67) Hexachlorobenzene	16.86	284	110575	41.76	ng	96
68) Atrazine	17.00	200	96603	34.84	ng	99
69) Pentachlorophenol	17.20	266	131398	86.92	ng	95
70) Phenanthrene	17.60	178	525545	40.73	ng	99
71) Anthracene	17.69	178	530036	40.47	ng	98
72) Carbazole	17.96	167	481399	39.38	ng	98
73) Di-n-butylphthalate	18.50	149	593175	38.14	ng	98
74) Fluoranthene	19.60	202	595893	38.68	ng	100
76) Benzidine	19.77	184	154738	18.88	ng	97
77) Pyrene	19.95	202	613344	40.40	ng	99
79) Butylbenzylphthalate	20.82	149	283411	40.22	ng	98
80) Benzo(a)anthracene	21.81	228	614196	40.54	ng	98
81) 3,3'-Dichlorobenzidine	21.72	252	116517	9.72	ng	99
82) Chrysene	21.88	228	563822	38.73	ng	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	404046	39.20	ng	100
84) Di-n-octyl phthalate	22.95	149	702398	40.68	ng	99
85) Indeno(1,2,3-cd)pyrene	28.97	276	699663	40.43	ng	# 91
87) Benzo(b)fluoranthene	24.10	252	611273	41.79	ng	99
88) Benzo(k)fluoranthene	24.17	252	596347	41.70	ng	100
89) Benzo(a)pyrene	25.00	252	592216	41.79	ng	98
90) Dibenzo(a,h)anthracene	29.04	278	589596	41.50	ng	99
91) Benzo(g,h,i)perylene	30.17	276	572830	41.08	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.01 min

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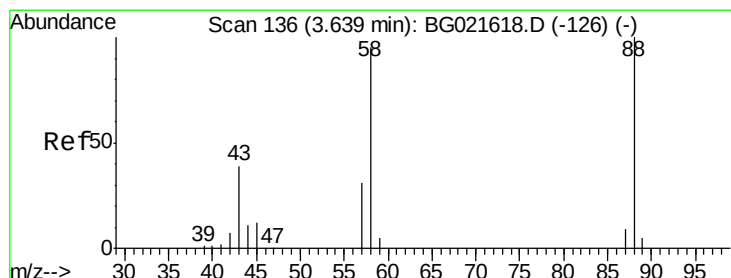
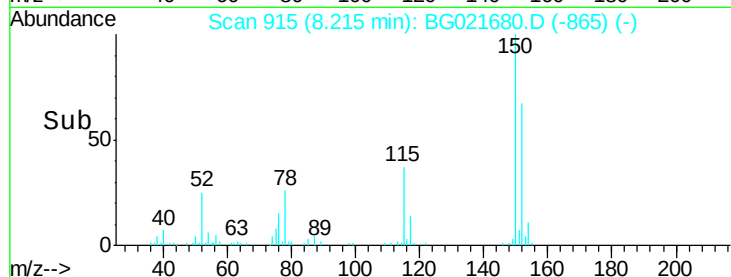
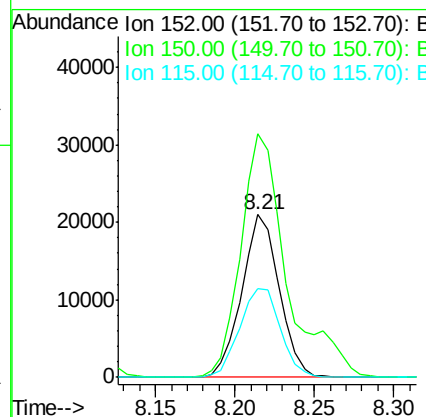
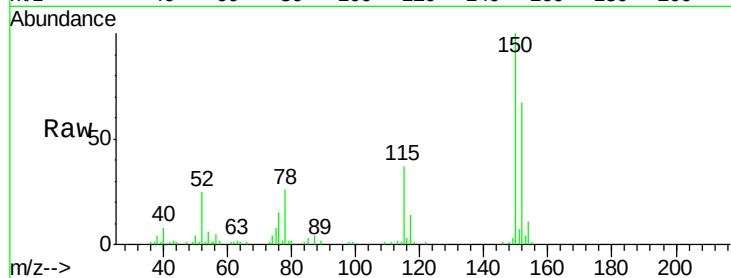
PB89789BS

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Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.9	130.1	195.1
115	54.8	62.2	93.2



#2

1,4-Dioxane

Concen: 28.07 ng

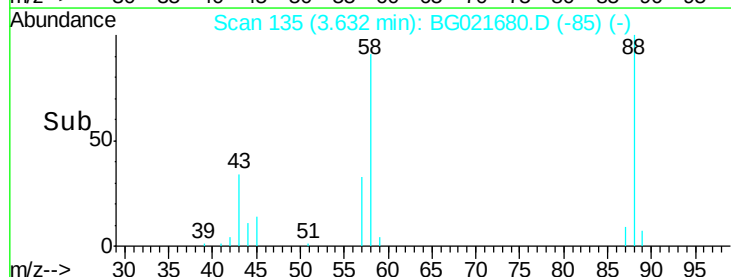
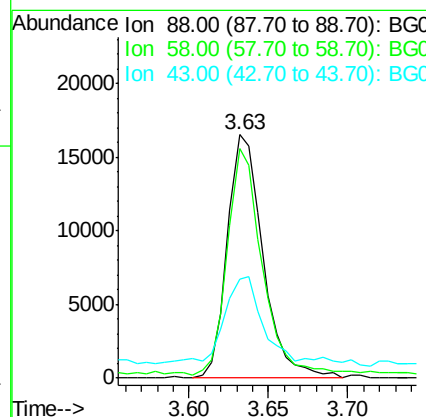
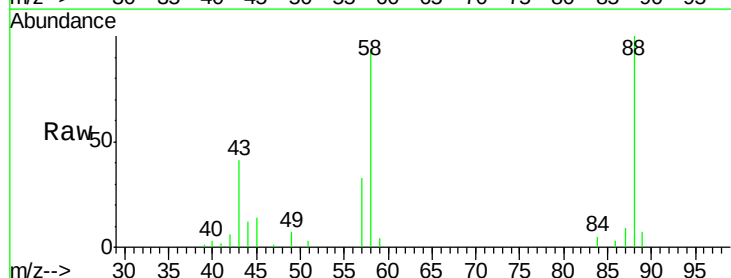
RT: 3.63 min Scan# 135

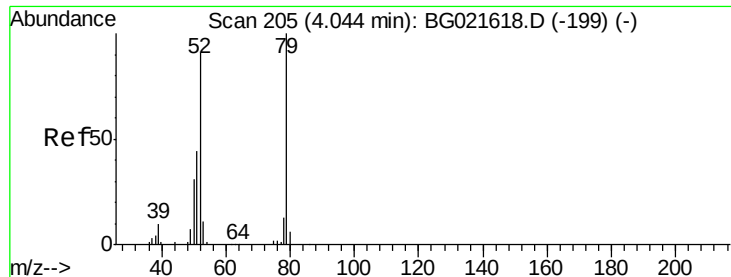
Delta R.T. -0.01 min

Lab File: BG021680.D

Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.8	61.8	92.8
43	38.7	27.3	40.9





#3

Pyridine

Concen: 29.32 ng

RT: 4.04 min Scan# 204

Delta R.T. -0.01 min

Lab File: BG021680.D

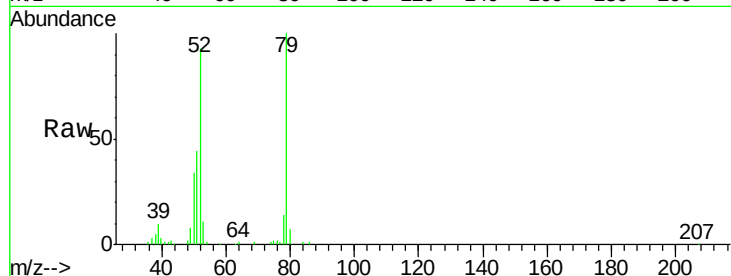
Acq: 15 Apr 2016 10:03

Instrument :

BNA_G

ClientSampleId :

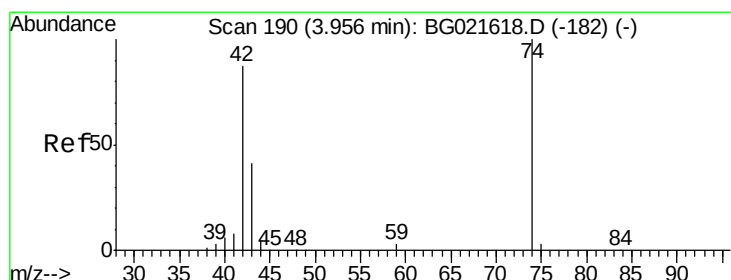
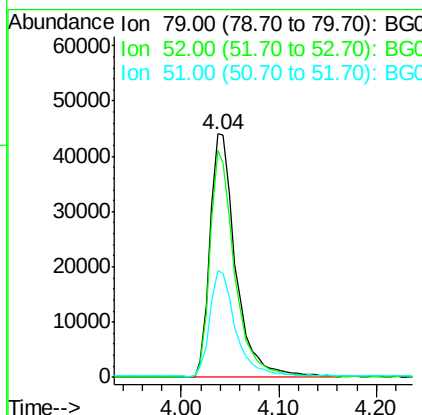
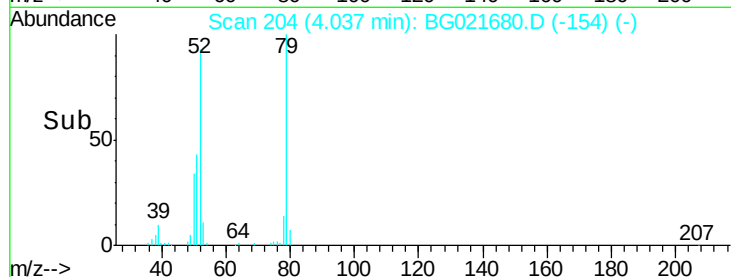
PB89789BS



Tgt Ion:	79	Resp:	80877
Ion	Ratio	Lower	Upper
79	100		
52	93.2	77.2	115.8
51	44.0	42.5	63.7

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#4

n-Nitrosodimethylamine

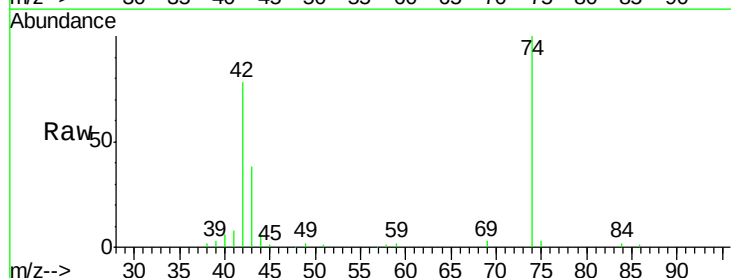
Concen: 33.32 ng

RT: 3.95 min Scan# 190

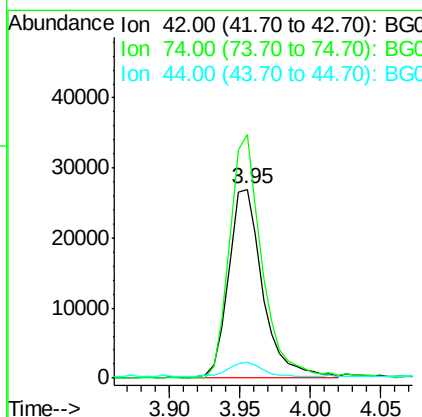
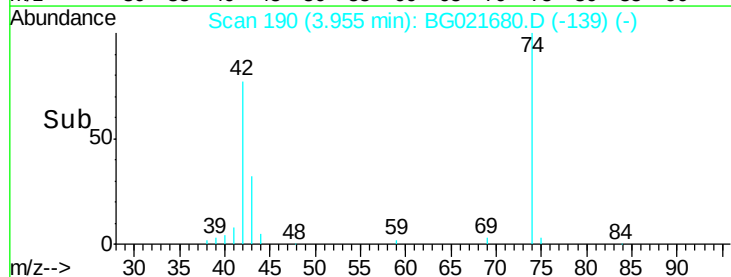
Delta R.T. -0.00 min

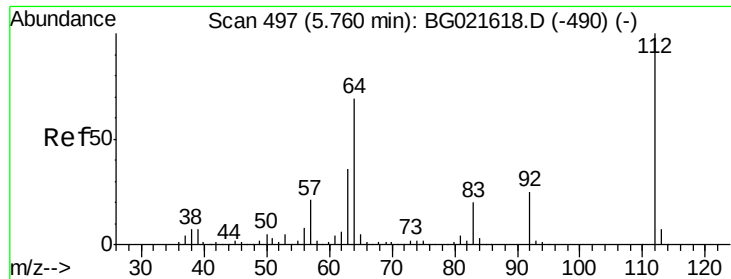
Lab File: BG021680.D

Acq: 15 Apr 2016 10:03



Tgt Ion:	42	Resp:	45542
Ion	Ratio	Lower	Upper
42	100		
74	128.9	83.0	124.4#
44	8.3	11.0	16.6#





#5

2-Fluorophenol

Concen: 87.05 ng

RT: 5.77 min Scan# 499

Delta R.T. 0.01 min

Lab File: BG021680.D

Acq: 15 Apr 2016 10:03

Instrument :

BNA_G

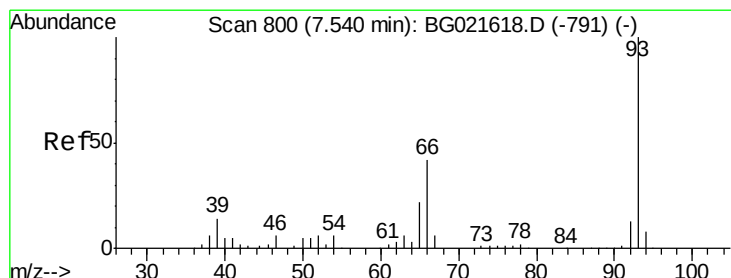
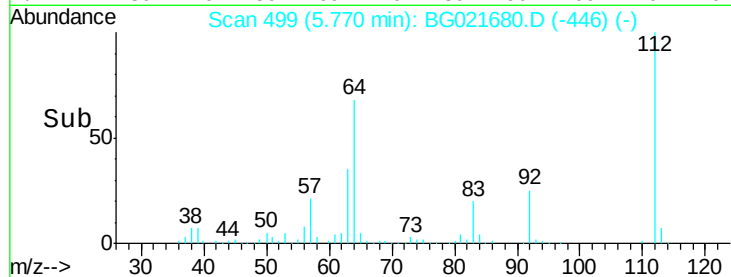
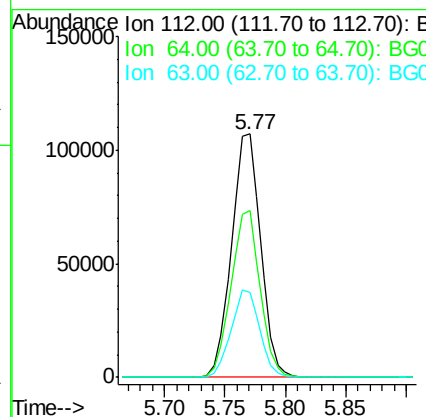
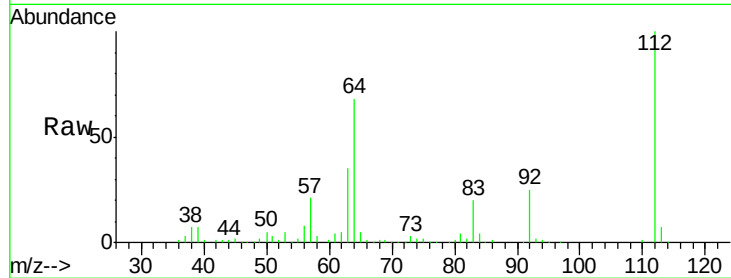
ClientSampleId :

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Tgt Ion:	112	Resp:	179741
Ion Ratio	Lower	Upper	
112	100		
64	68.3	51.1	76.7
63	35.0	24.6	37.0

Manual Integrations
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#6

Aniline

Concen: 18.41 ng

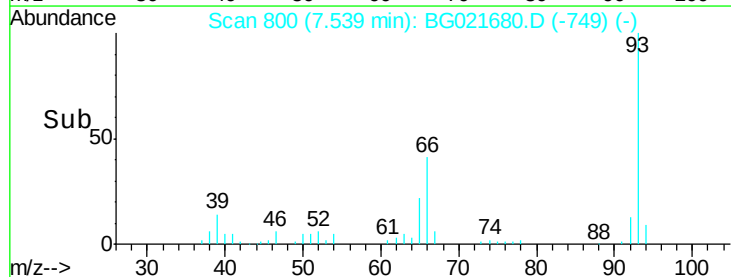
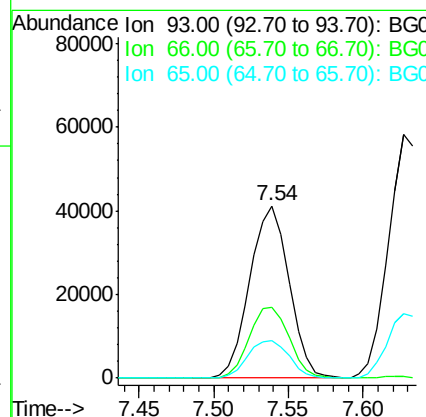
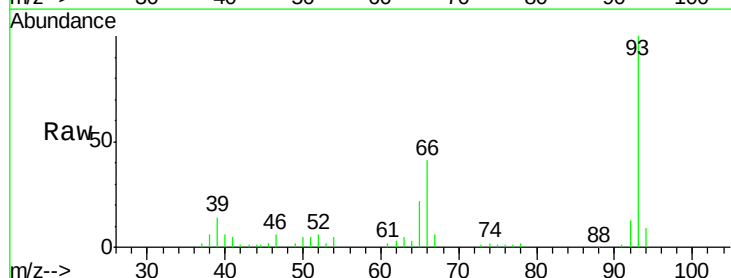
RT: 7.54 min Scan# 800

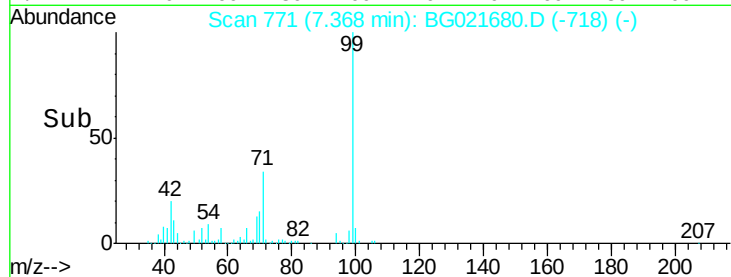
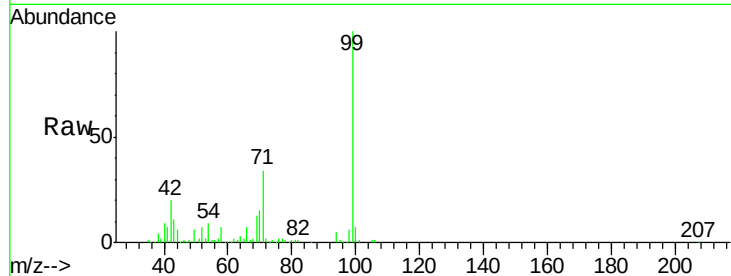
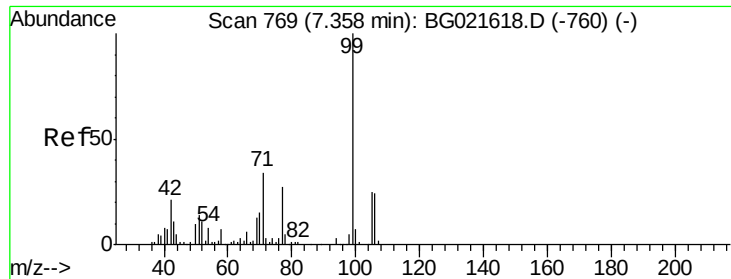
Delta R.T. -0.00 min

Lab File: BG021680.D

Acq: 15 Apr 2016 10:03

Tgt Ion:	93	Resp:	75110
Ion Ratio	Lower	Upper	
93	100		
66	40.8	36.3	54.5
65	22.1	18.4	27.6





#7

Phenol-d6

Concen: 87.25 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021680.D

Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	269121		
42	19.5	16.4	24.6	
71	34.1	25.0	37.4	

Instrument :

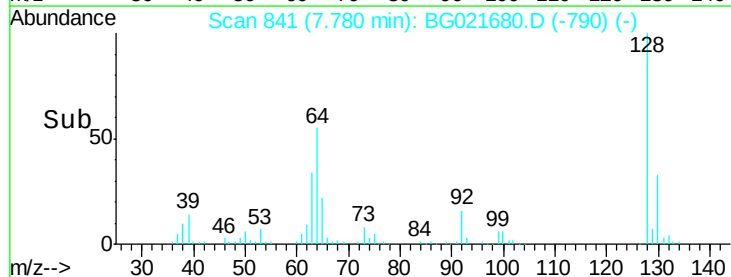
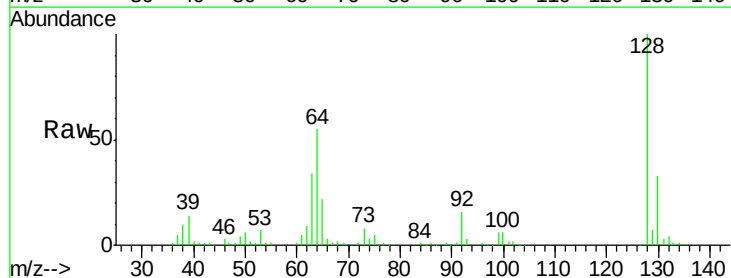
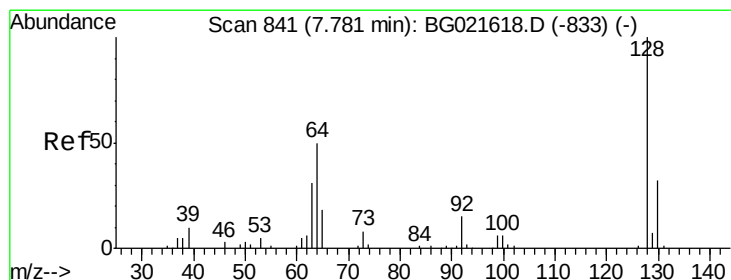
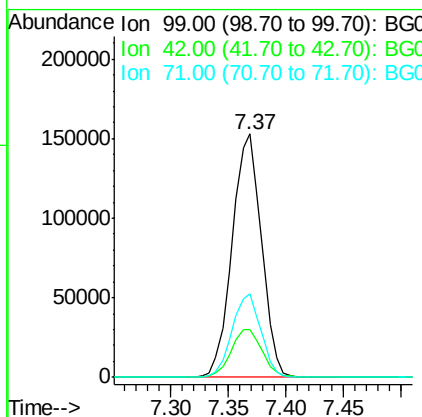
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#8

2-Chlorophenol

Concen: 40.73 ng

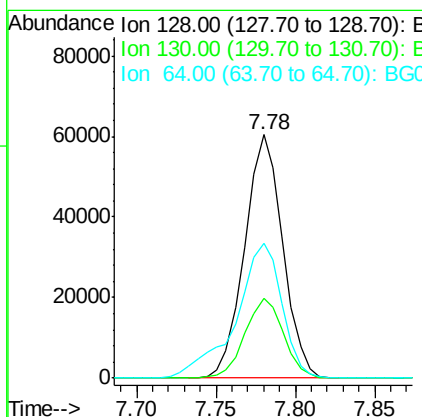
RT: 7.78 min Scan# 841

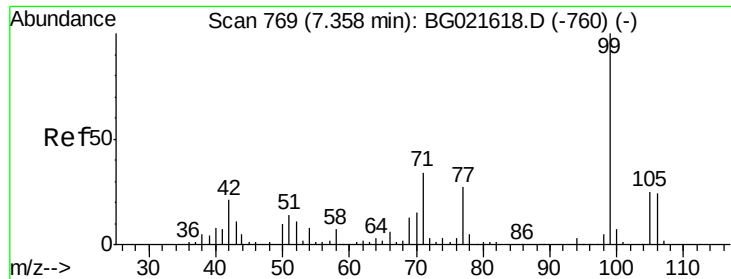
Delta R.T. -0.00 min

Lab File: BG021680.D

Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	100822		
130	32.7	11.2	51.2	
64	55.3	39.8	79.8	





#9

Benzaldehyde

Concen: 9.14 ng

RT: 7.35 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG021680.D

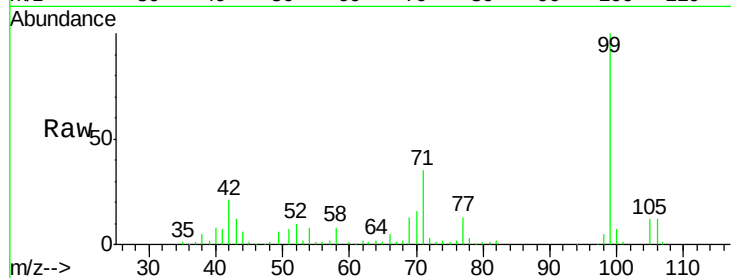
Acq: 15 Apr 2016 10:03

Instrument :

BNA_G

ClientSampled :

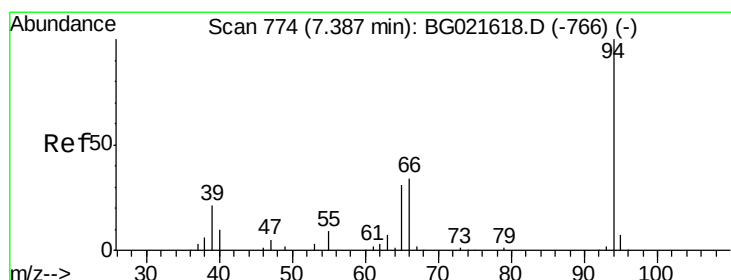
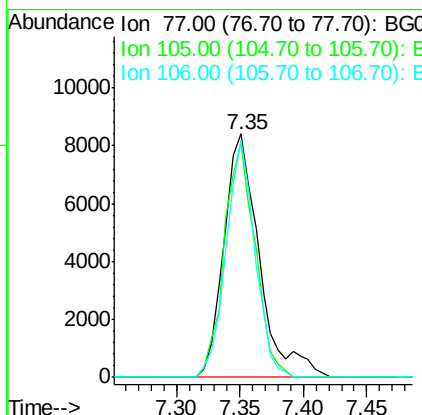
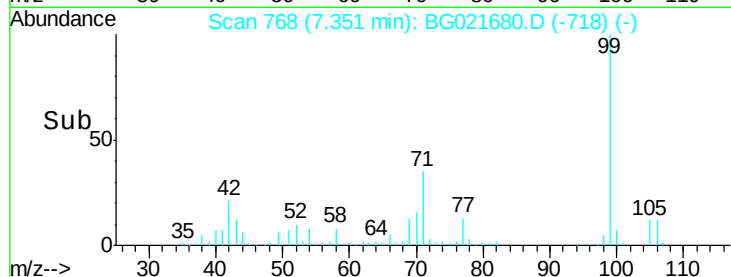
PB89789BS



Tgt Ion:	77	Resp:	16310
Ion Ratio	Lower	Upper	
77	100		
105	96.6	62.1	102.1
106	97.6	65.6	105.6

Manual Integrations
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#10

Phenol

Concen: 42.57 ng

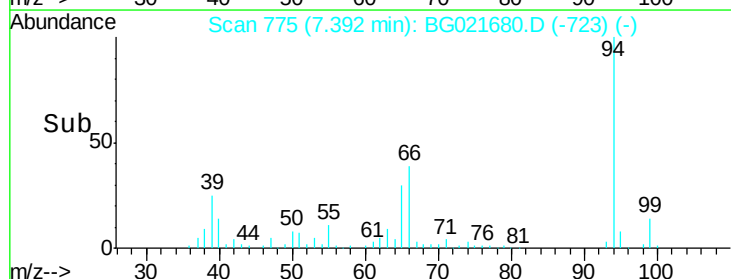
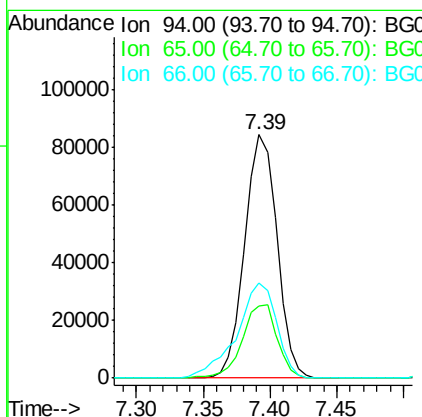
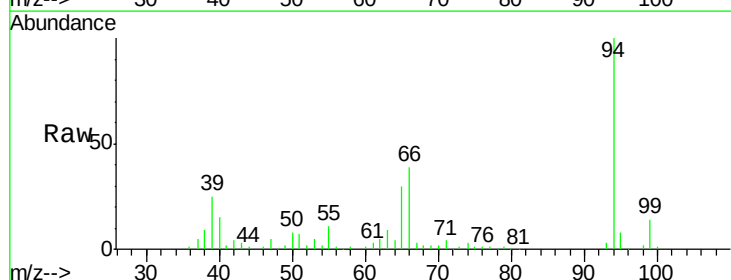
RT: 7.39 min Scan# 775

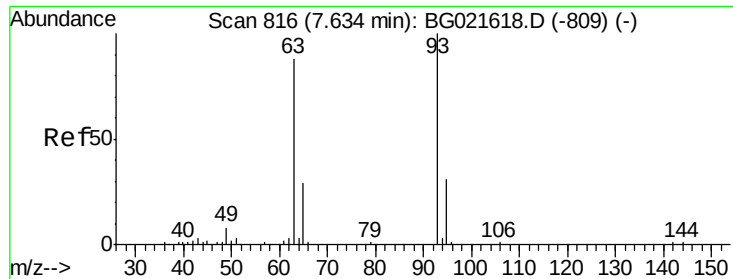
Delta R.T. 0.00 min

Lab File: BG021680.D

Acq: 15 Apr 2016 10:03

Tgt Ion:	94	Resp:	141210
Ion Ratio	Lower	Upper	
94	100		
65	29.9	9.8	49.8
66	39.0	20.8	60.8





#11

bis(2-Chloroethyl)ether

Concen: 35.98 ng

RT: 7.63 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG021680.D

Acq: 15 Apr 2016 10:03

Instrument :

BNA_G

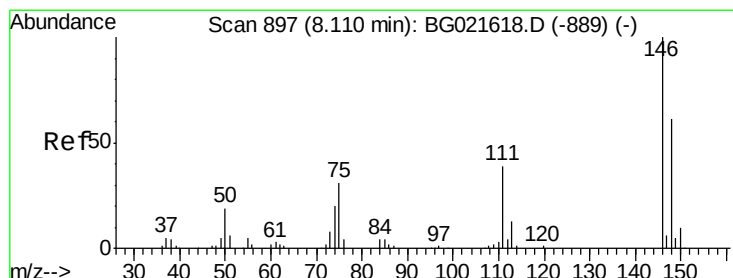
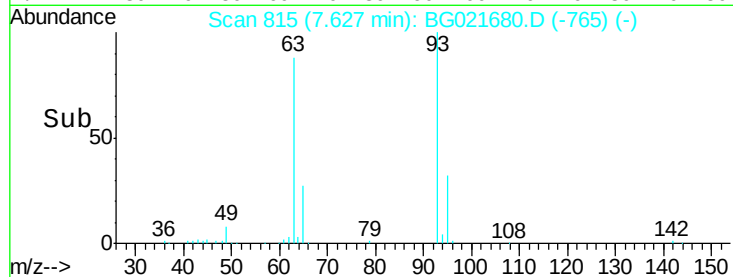
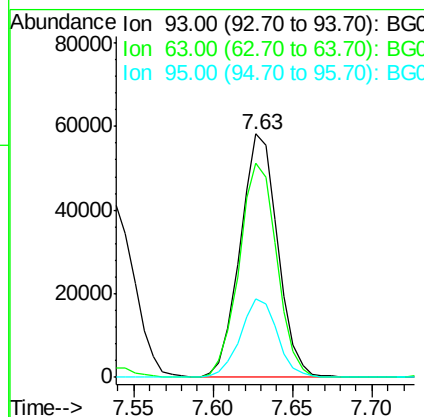
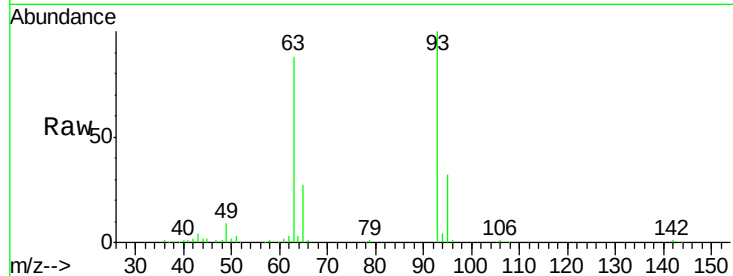
ClientSampleId :

PB89789BS

Tgt Ion:	93	Resp:	95541
Ion Ratio	Lower	Upper	
93	100		
63	87.8	74.9	114.9
95	32.2	8.3	48.3

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#12

1,3-Dichlorobenzene

Concen: 35.80 ng

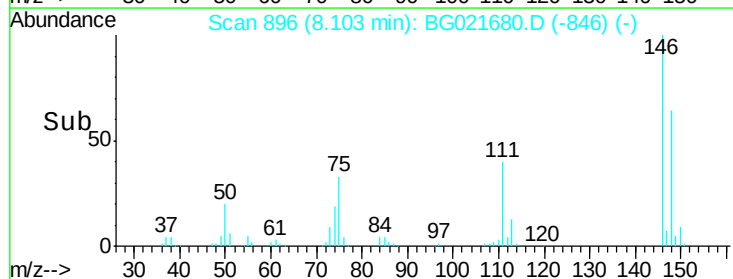
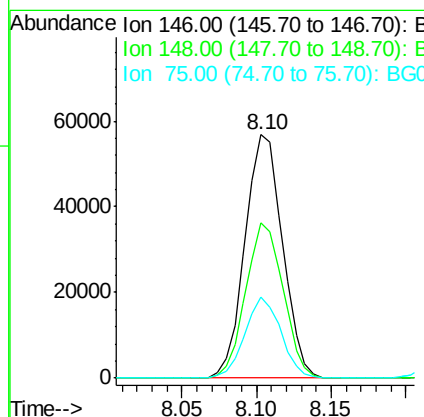
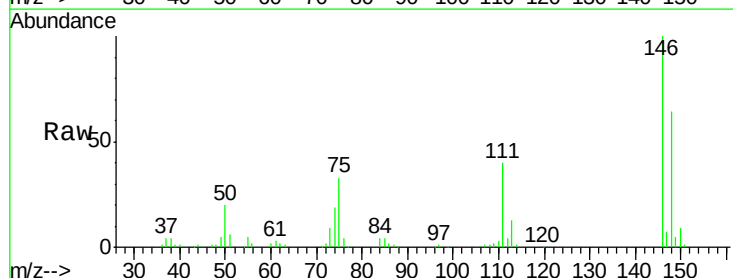
RT: 8.10 min Scan# 896

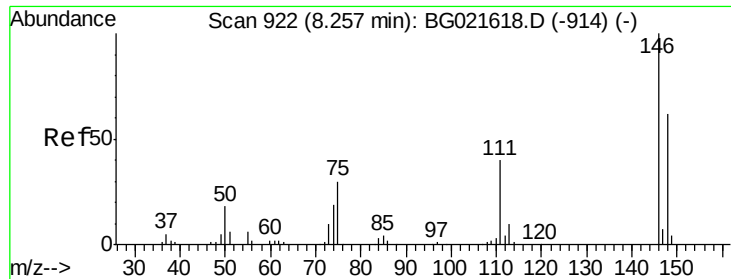
Delta R.T. -0.01 min

Lab File: BG021680.D

Acq: 15 Apr 2016 10:03

Tgt Ion:	146	Resp:	98970
Ion Ratio	Lower	Upper	
146	100		
148	63.6	53.7	80.5
75	33.2	27.4	41.0





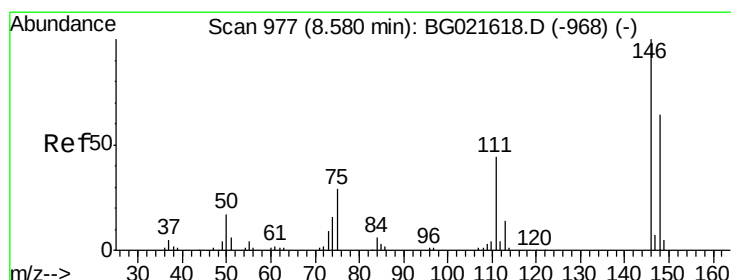
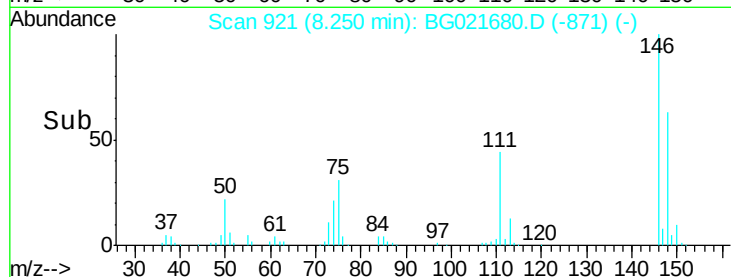
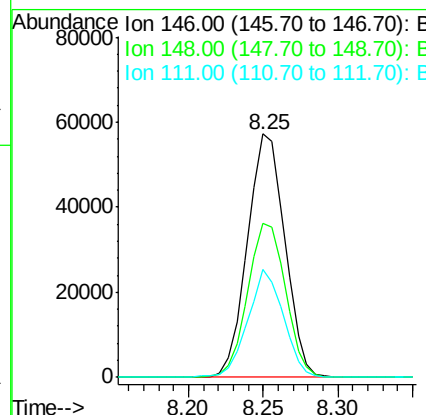
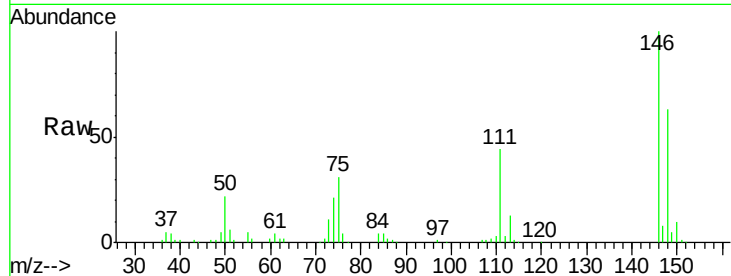
#13
 1,4-Dichlorobenzene
 Concen: 35.22 ng
 RT: 8.25 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Instrument :
 BNA_G
 ClientSampleId :
 PB89789BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	99132		
148	63.4	46.7	70.1	
111	44.3	33.0	49.6	

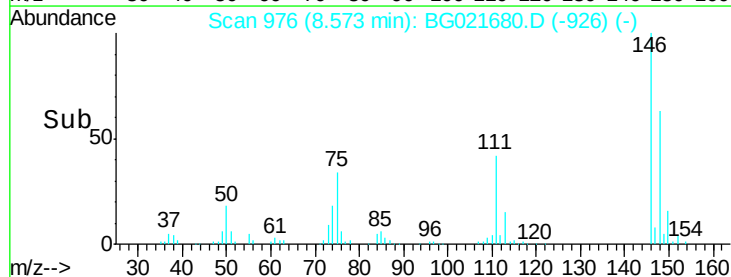
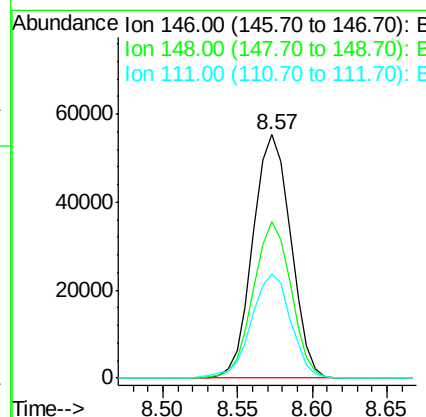
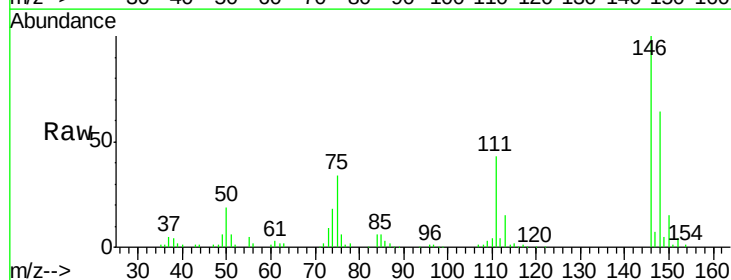
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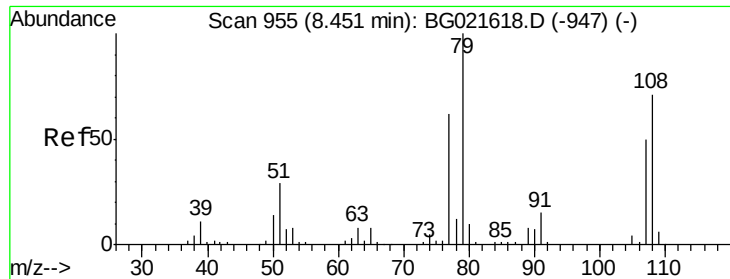
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#14
 1,2-Dichlorobenzene
 Concen: 35.97 ng
 RT: 8.57 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	97121		
148	64.3	52.6	79.0	
111	42.5	36.1	54.1	





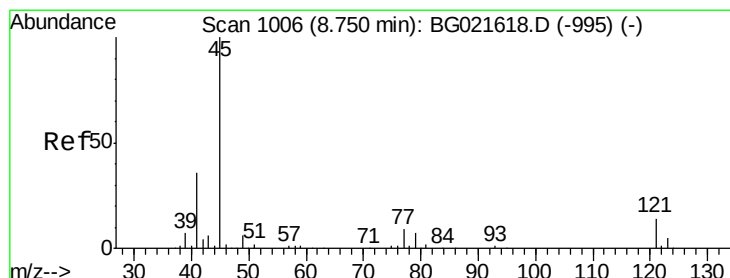
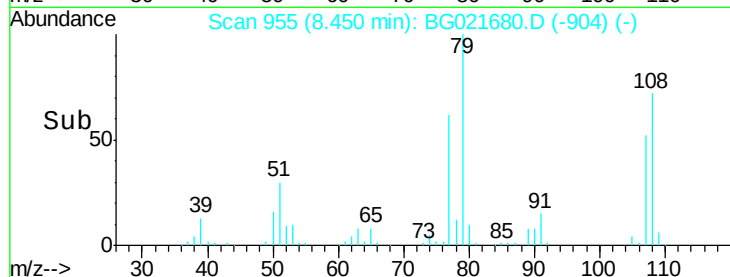
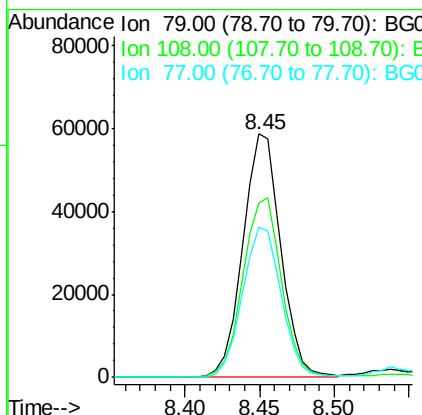
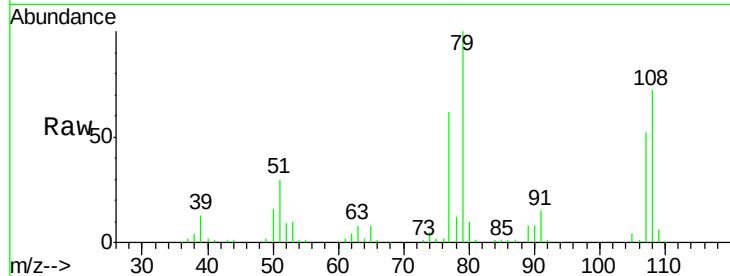
#15
Benzyl Alcohol
Concen: 43.69 ng
RT: 8.45 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Instrument :
BNA_G
ClientSampleId :
PB89789BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	102977		
108	71.5	59.4	89.0	
77	61.6	52.2	78.2	

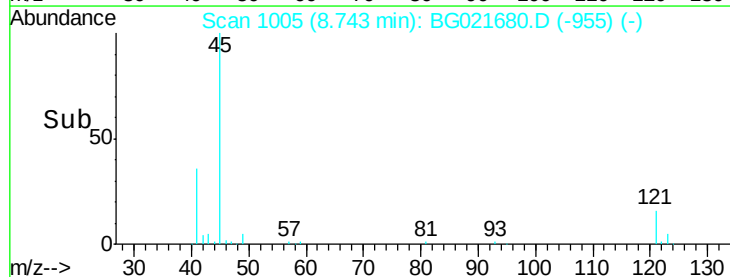
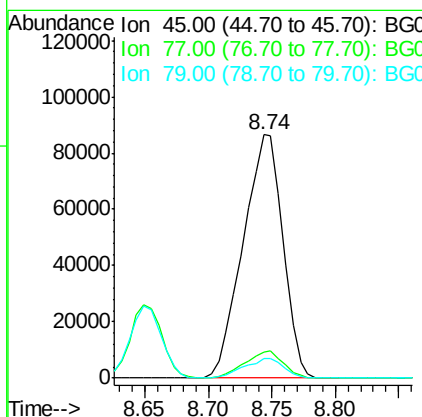
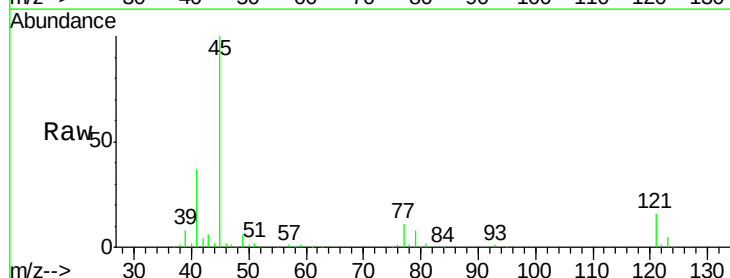
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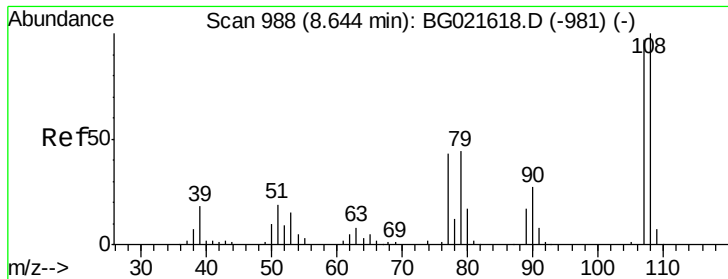
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.24 ng
RT: 8.74 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

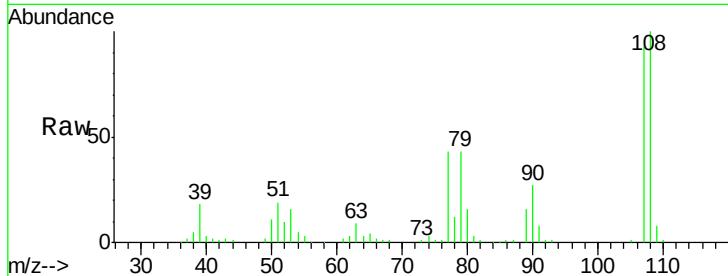
Tgt Ion	Ratio	Resp	Lower	Upper
45	100	189061		
77	10.8	0.0	31.2	
79	7.8	0.0	29.0	





#17
2-Methylphenol
Concen: 42.56 ng
RT: 8.65 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

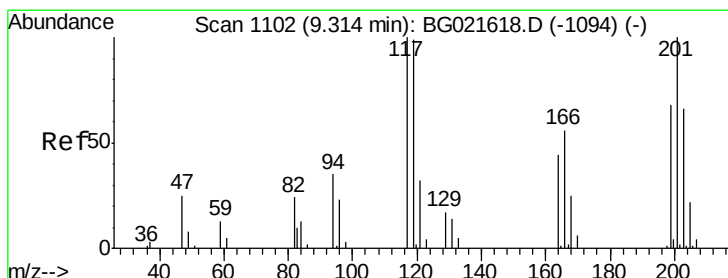
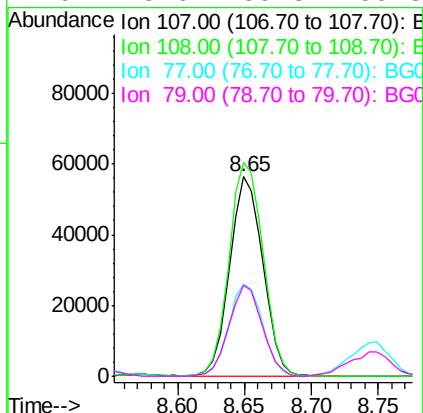
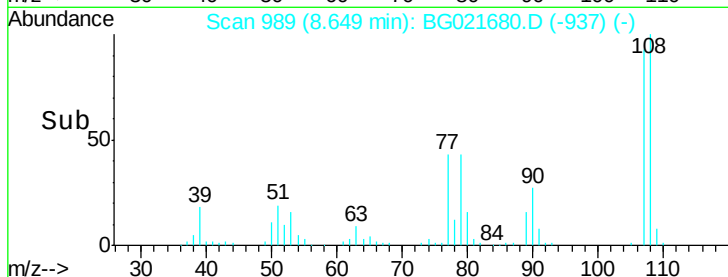
Instrument :
BNA_G
ClientSampleId :
PB89789BS



Tgt Ion:	107	Resp:	97625
Ion Ratio	Lower	Upper	
107	100		
108	107.1	80.2	120.4
77	46.5	40.7	61.1
79	45.6	39.8	59.8

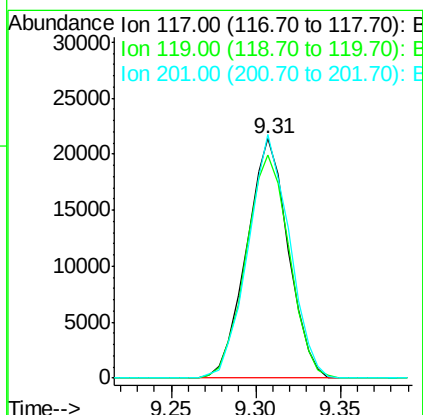
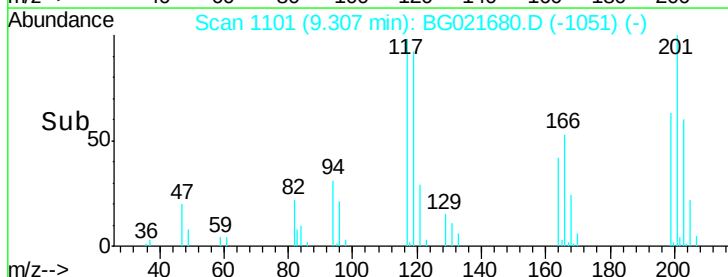
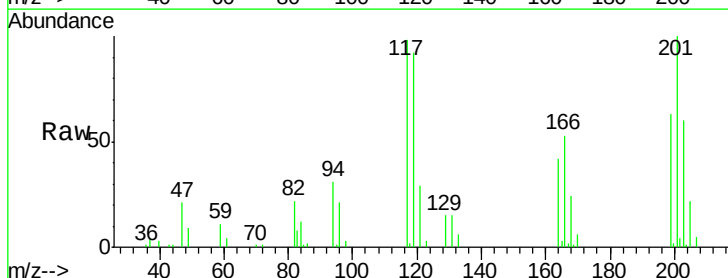
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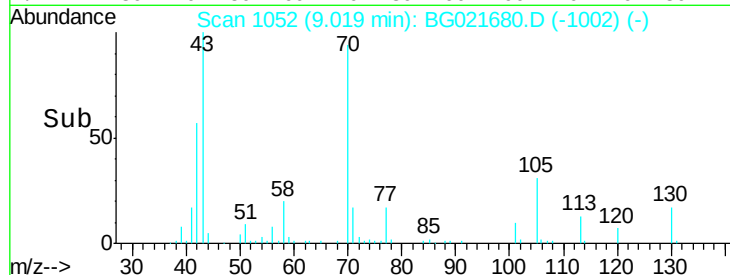
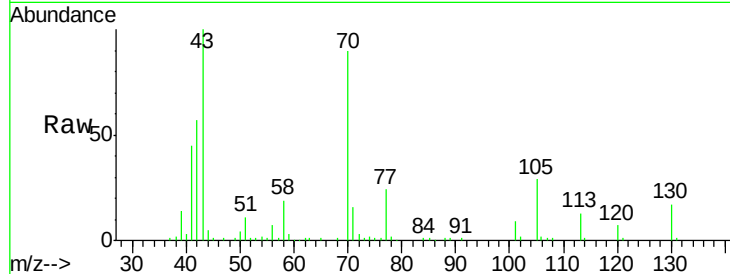
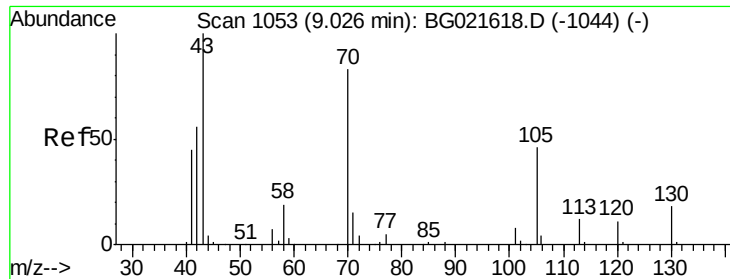
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#18
Hexachloroethane
Concen: 35.63 ng
RT: 9.31 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Tgt Ion:	117	Resp:	36500
Ion Ratio	Lower	Upper	
117	100		
119	93.0	63.9	95.9
201	101.6	61.2	91.8#





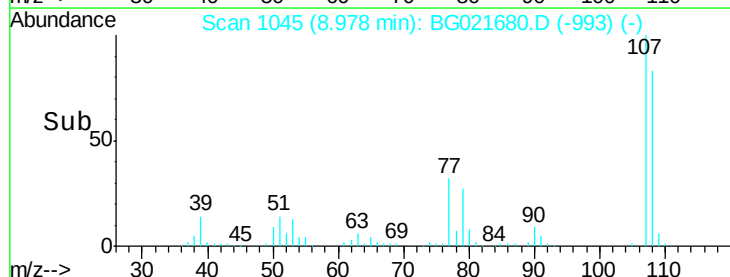
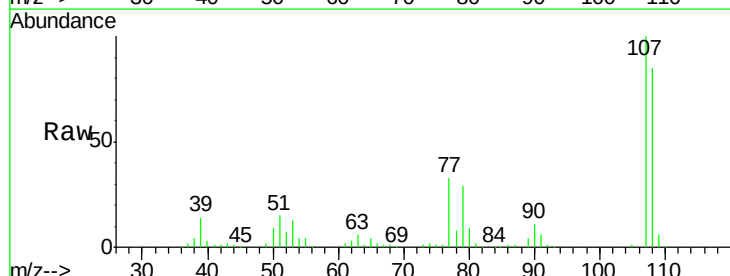
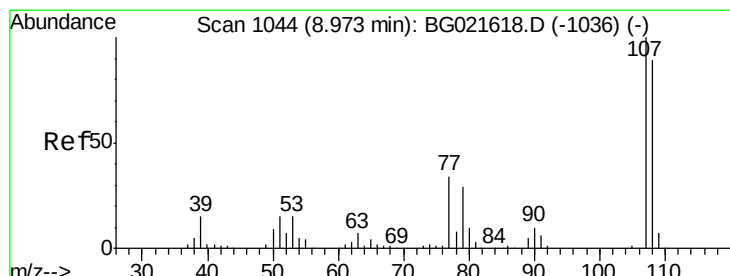
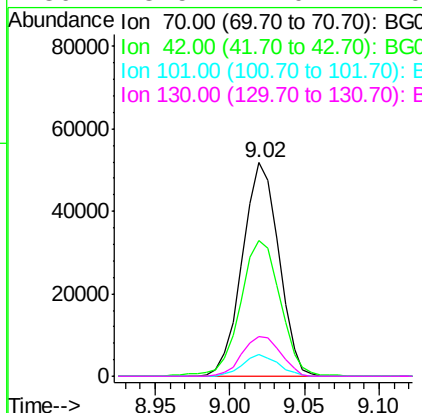
#19
n-Nitroso-di-n-propylamine
Concen: 36.56 ng
RT: 9.02 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Instrument :
BNA_G
ClientSampleId :
PB89789BS

Manual Integrations
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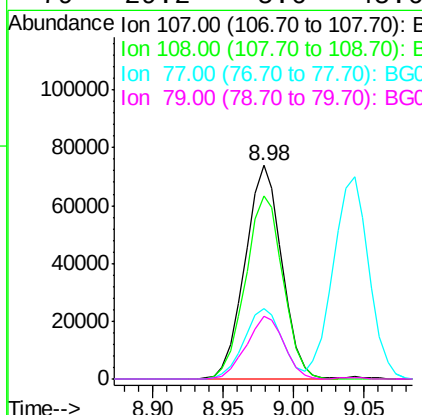
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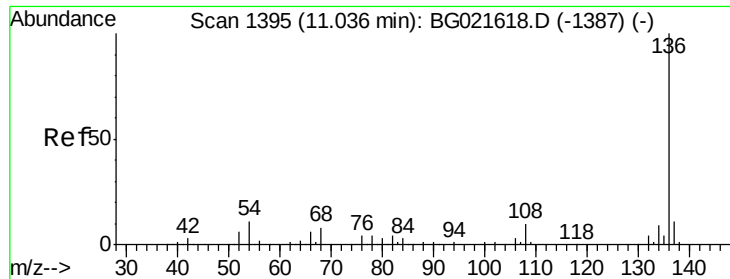
Tgt Ion	Ratio	Lower	Upper
70	100		
42	63.8	56.7	85.1
101	10.2	8.2	12.4
130	18.5	14.0	21.0



#20
3+4-Methylphenols
Concen: 43.01 ng
RT: 8.98 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	66.2	106.2
77	33.2	11.5	51.5
79	29.2	5.6	45.6





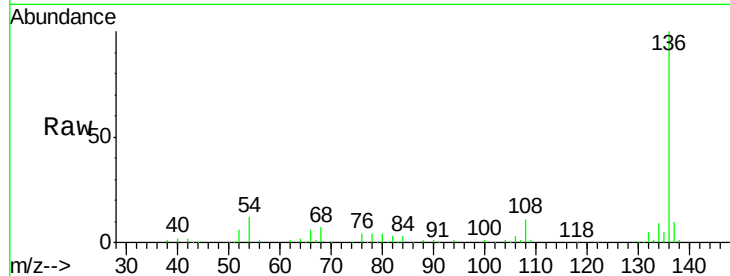
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Instrument :
BNA_G
ClientSampleId :
PB89789BS

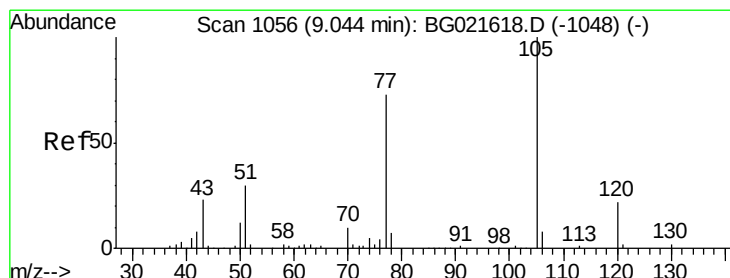
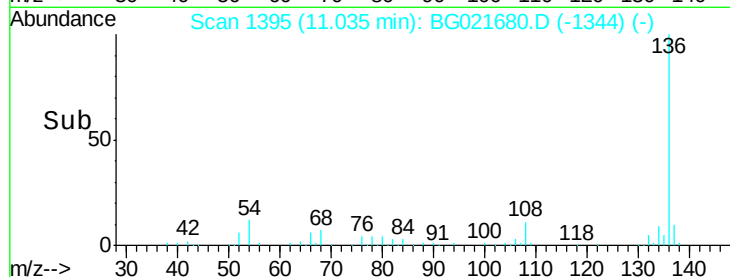
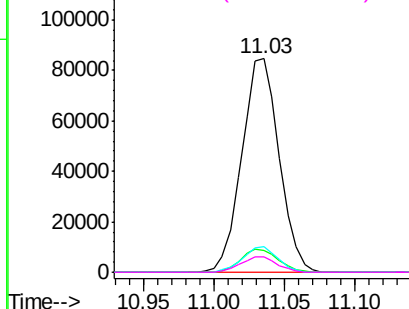
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	156747		
137	10.3	9.0	13.4	
54	11.9	9.6	14.4	
68	7.1	6.4	9.6	

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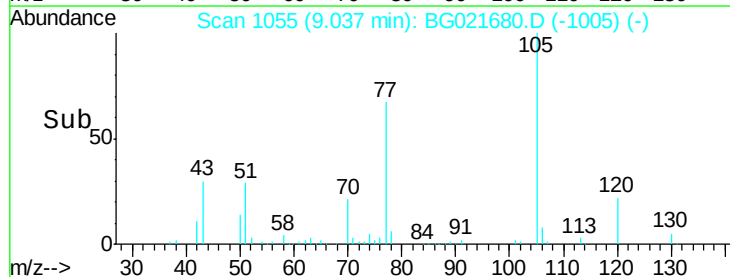
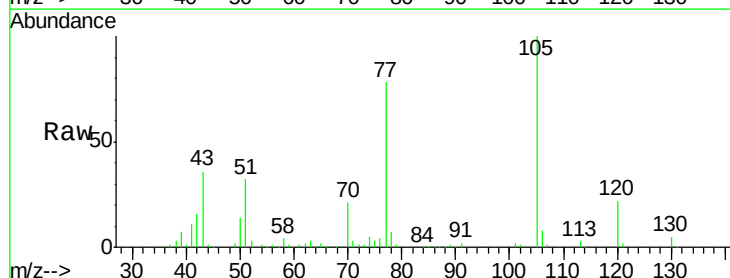
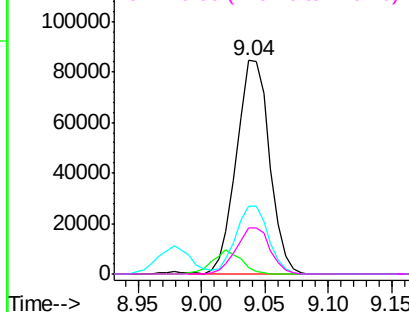
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

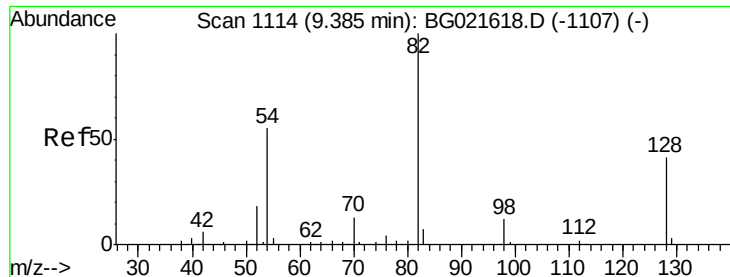


#22
Acetophenone
Concen: 35.27 ng
RT: 9.04 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	153987		
71	3.3	0.0	0.0#	
51	31.7	25.7	38.5	
120	21.8	17.0	25.6	

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





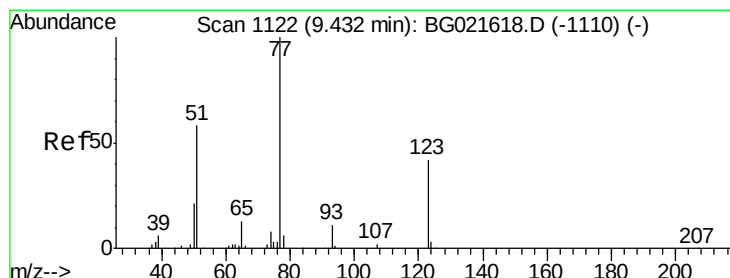
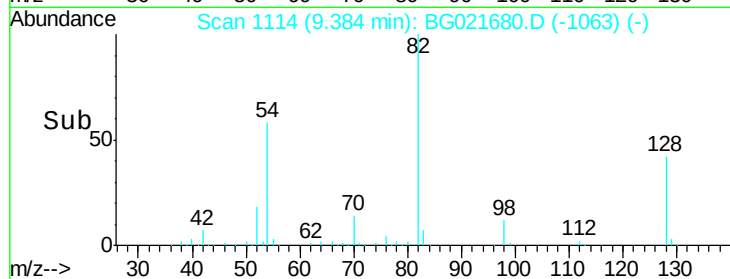
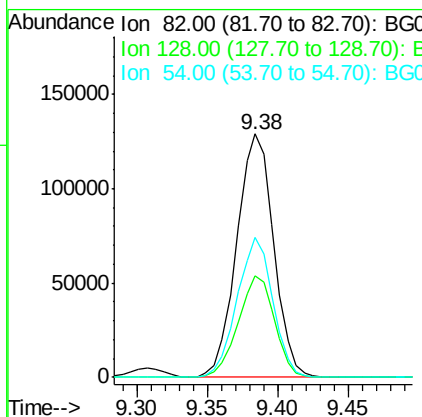
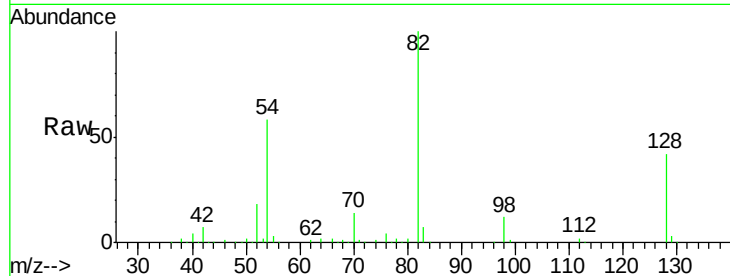
#23
 Nitrobenzene-d5
 Concen: 77.25 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Instrument :
 BNA_G
 ClientSampleId :
 PB89789BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	235588		
128	41.8	33.4	50.0	
54	57.6	46.1	69.1	

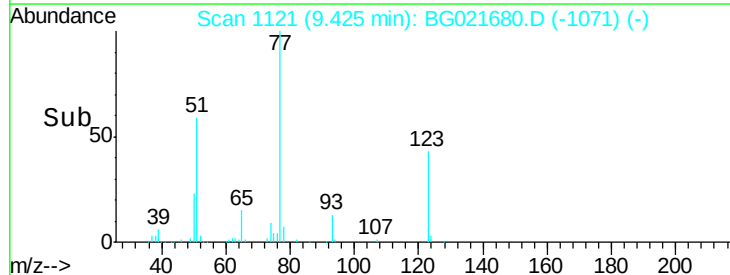
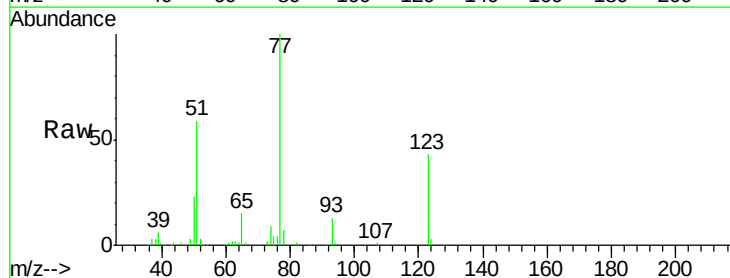
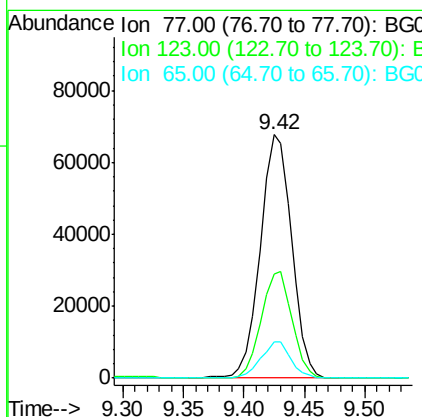
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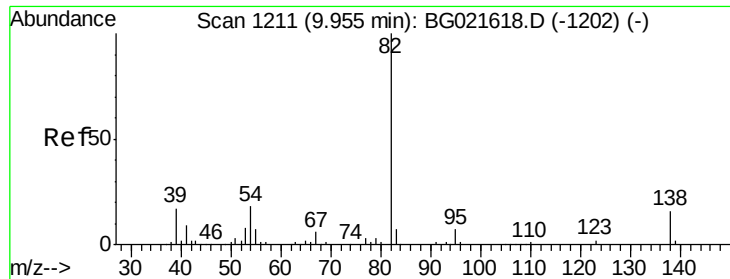
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#24
 Nitrobenzene
 Concen: 37.28 ng
 RT: 9.42 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	121742		
123	42.7	32.2	48.4	
65	14.8	10.3	15.5	





#25

Isophorone

Concen: 35.82 ng

RT: 9.95 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BG021680.D

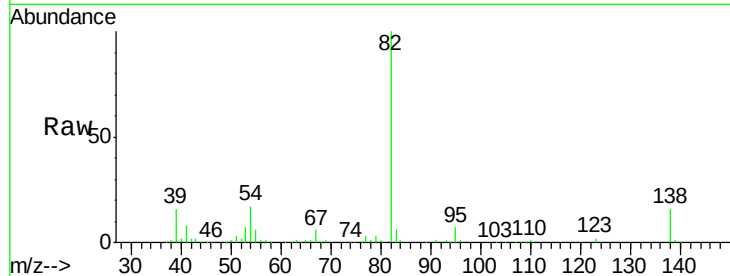
Acq: 15 Apr 2016 10:03

Instrument :

BNA_G

ClientSampleId :

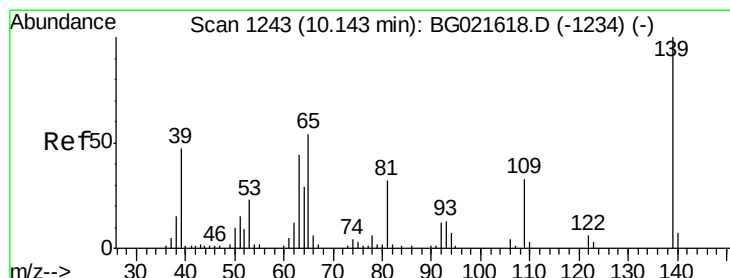
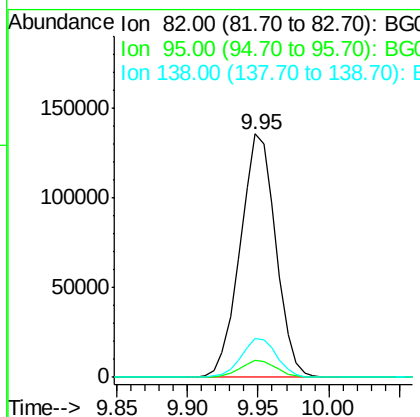
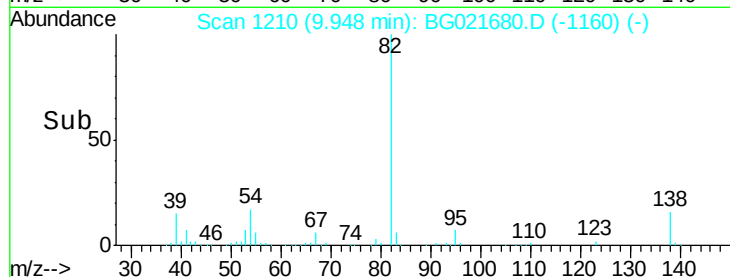
PB89789BS



Tgt Ion	Ratio	Resp	Lower	Upper
82	100	239059		
95	7.0	6.0	9.0	
138	15.7	13.4	20.0	

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#26

2-Nitrophenol

Concen: 43.09 ng

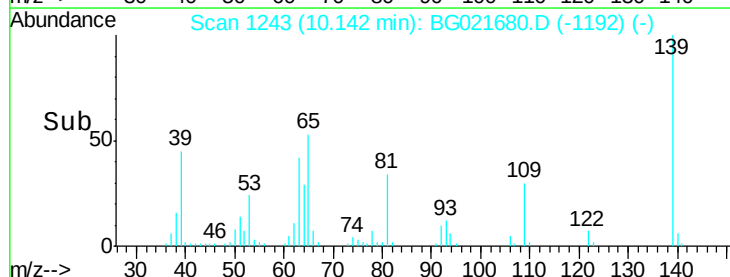
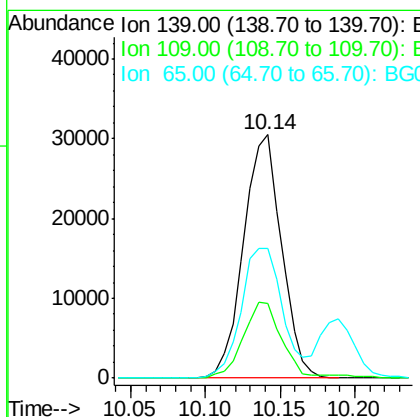
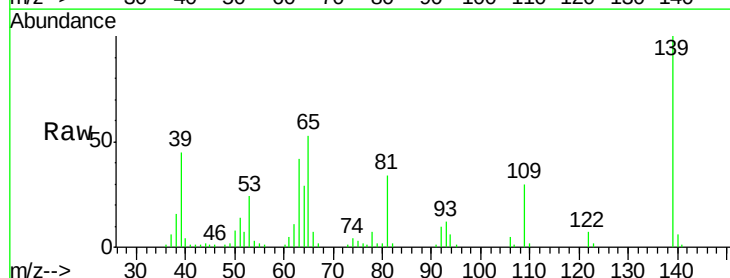
RT: 10.14 min Scan# 1243

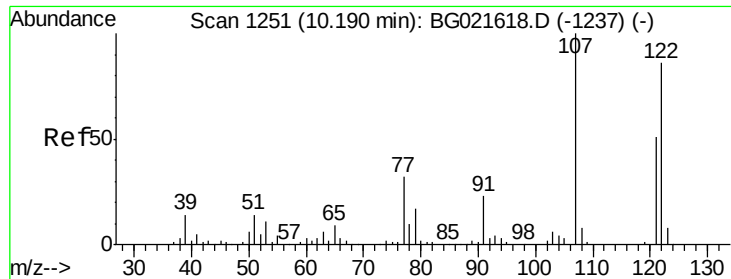
Delta R.T. -0.00 min

Lab File: BG021680.D

Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	53713		
109	30.4	26.6	40.0	
65	53.2	45.3	67.9	





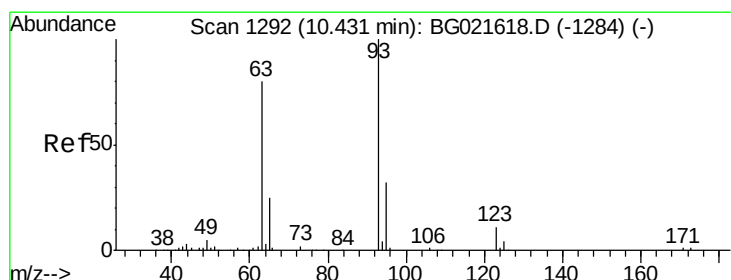
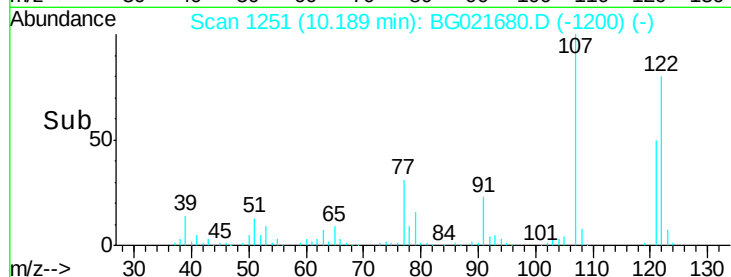
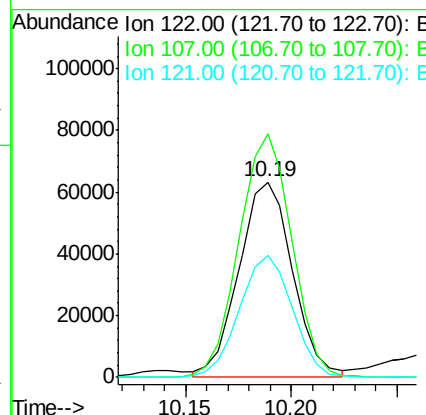
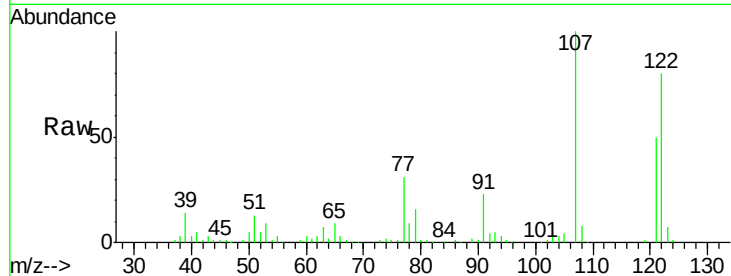
#27
2,4-Dimethylphenol
Concen: 39.27 ng
RT: 10.19 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Instrument :
BNA_G
ClientSampled :
PB89789BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	111192		
107	124.8	97.2	145.8	
121	62.3	49.0	73.4	

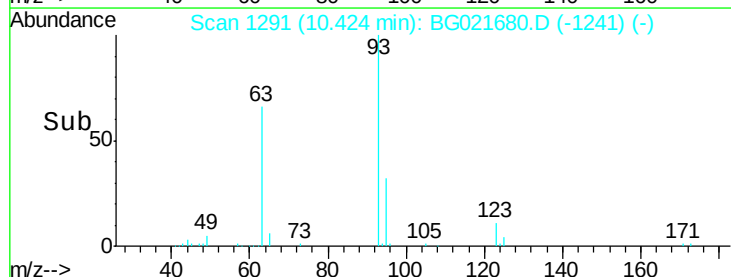
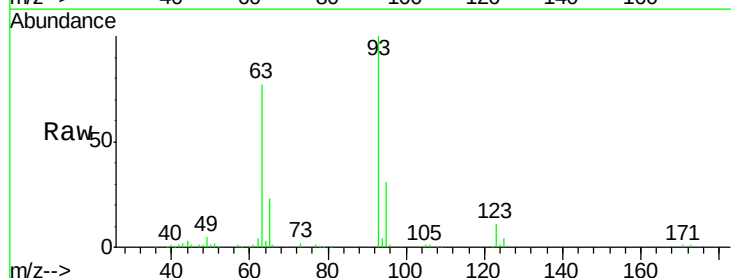
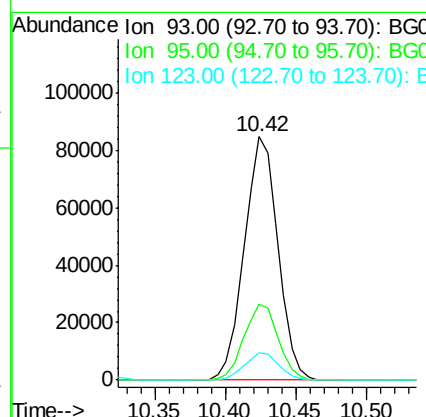
Manual Integrations
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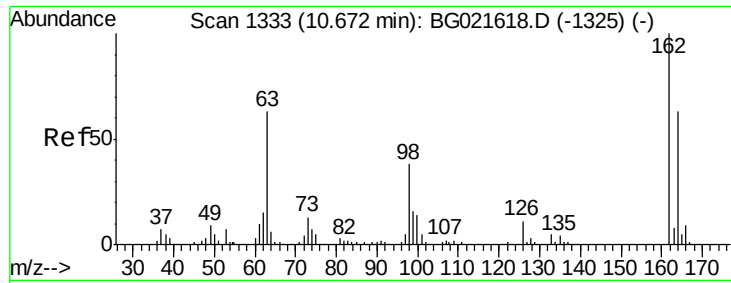
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 39.90 ng
RT: 10.42 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	141519		
95	31.3	30.1	45.1	
123	11.0	10.2	15.4	





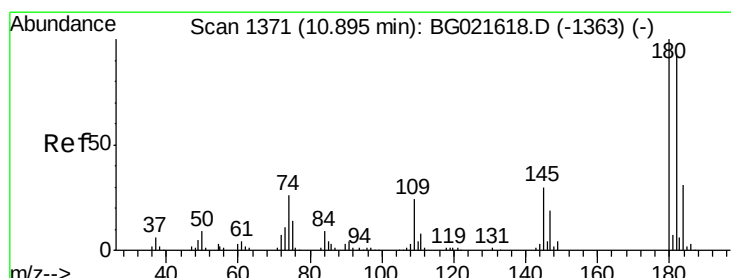
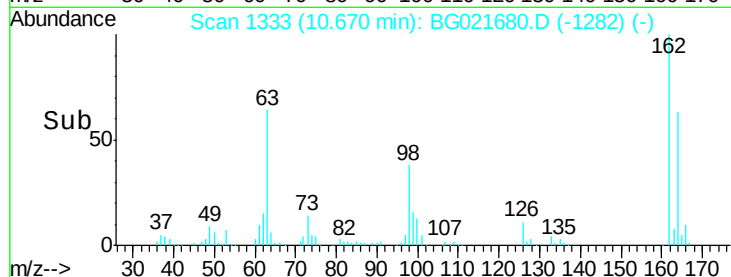
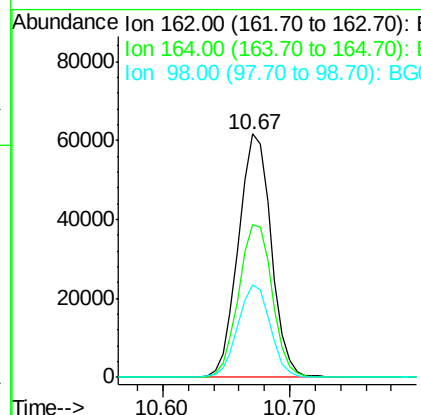
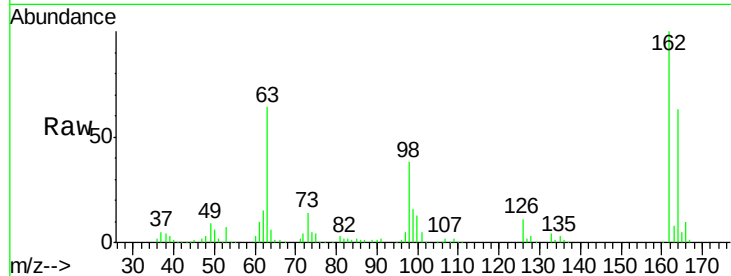
#29
 2,4-Dichlorophenol
 Concen: 45.83 ng
 RT: 10.67 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Instrument :
 BNA_G
 ClientSampleId :
 PB89789BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	110636		
164	62.7	44.9	84.9	
98	37.8	19.2	59.2	

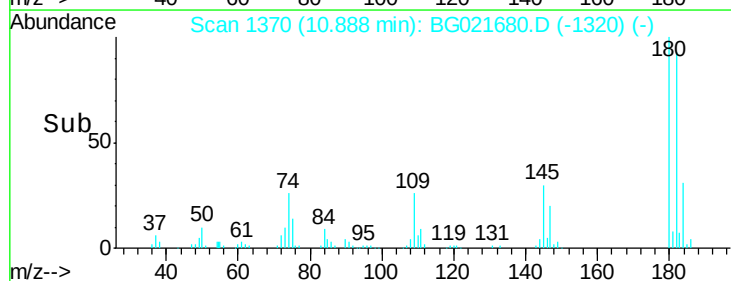
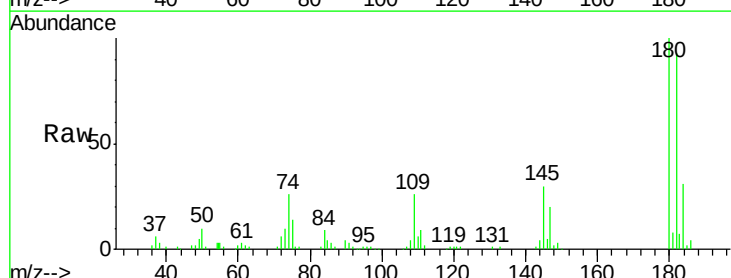
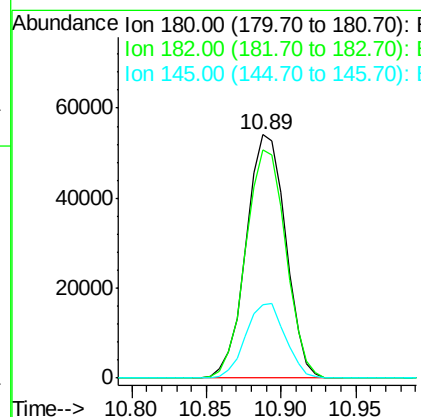
Manual Integrations
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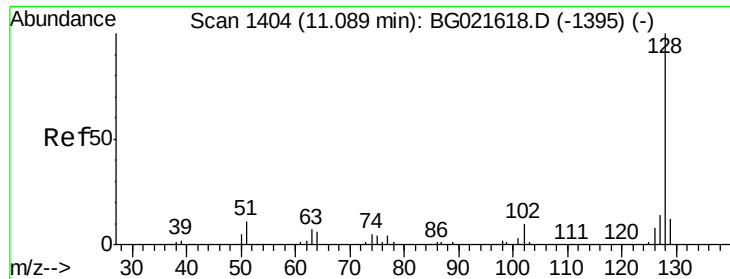
Sohil
 4/15/2016 4:44:57 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.19 ng
 RT: 10.89 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	99142		
182	93.5	82.3	123.5	
145	29.9	24.4	36.6	





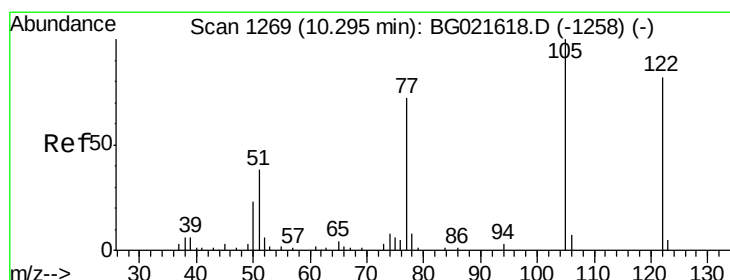
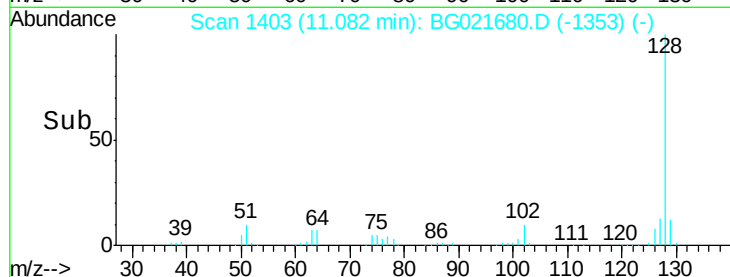
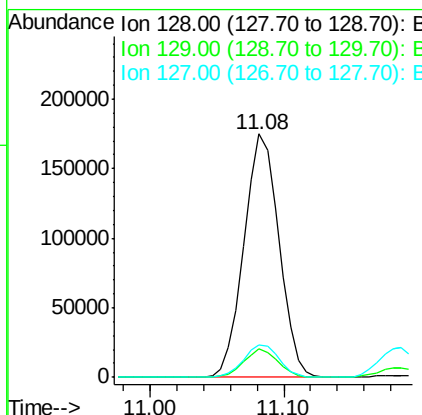
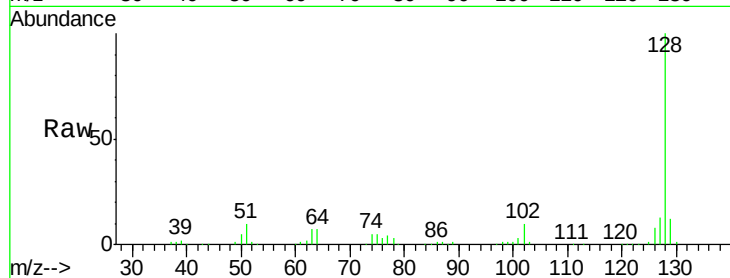
#31
Naphthalene
Concen: 37.84 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Instrument :
BNA_G
ClientSampleId :
PB89789BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	317428		
129	11.6	7.0	10.6#	
127	13.2	10.1	15.1	

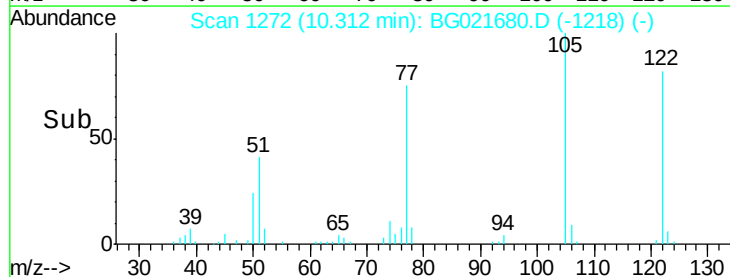
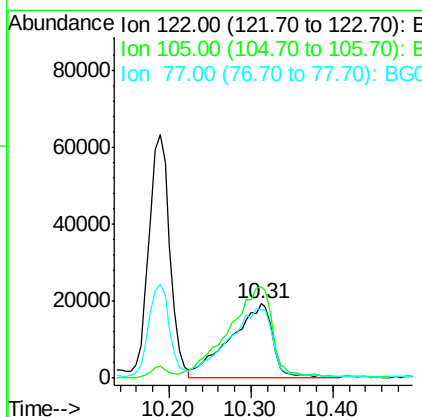
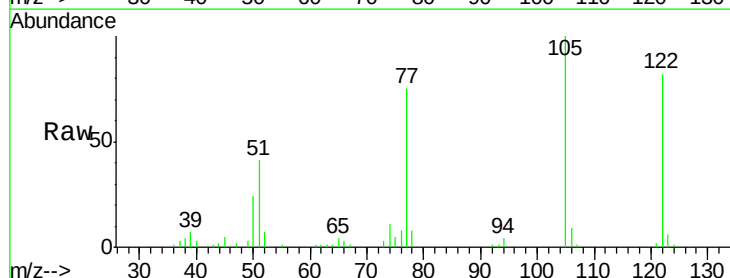
Manual Integrations
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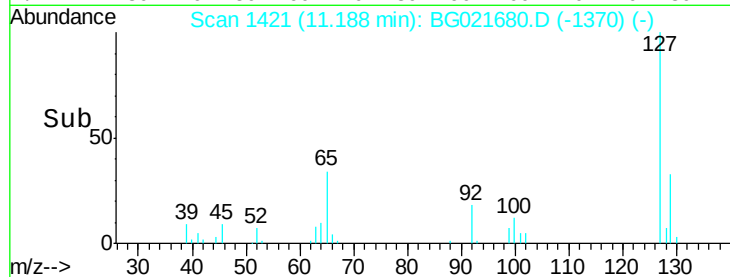
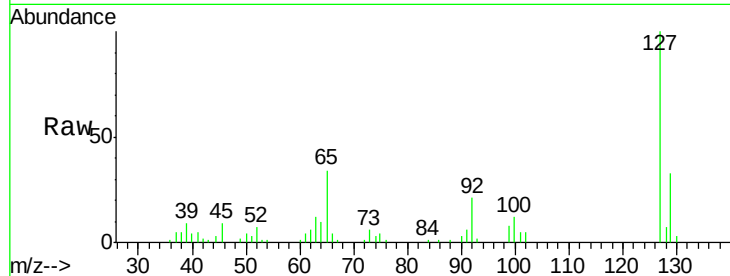
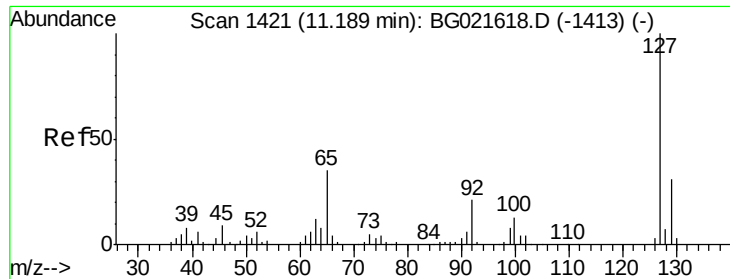
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#32
Benzoic acid
Concen: 43.74 ng
RT: 10.31 min Scan# 1272
Delta R.T. 0.02 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	68703		
105	122.5	104.5	144.5	
77	92.5	79.9	119.9	





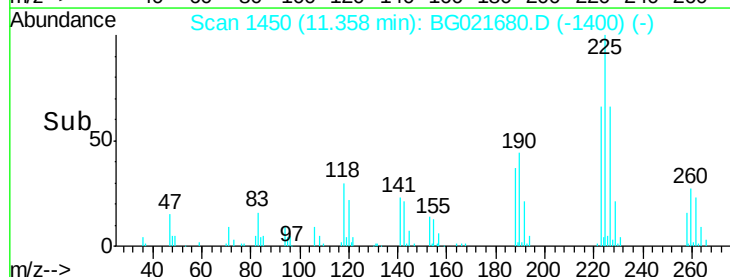
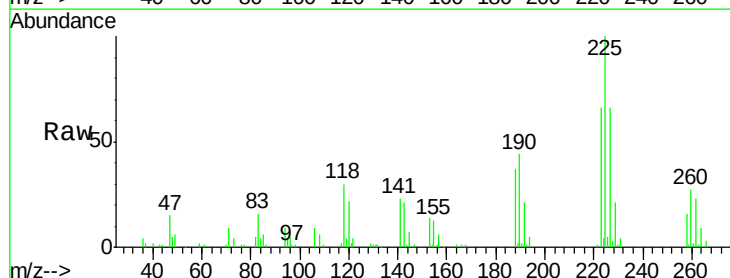
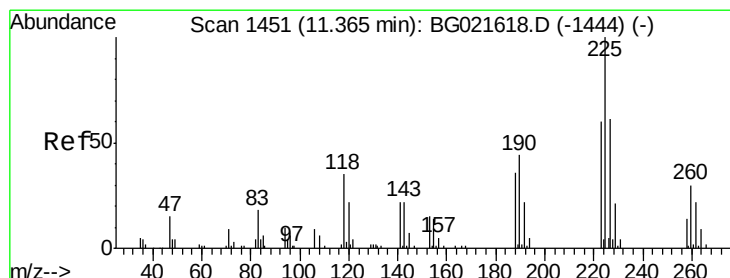
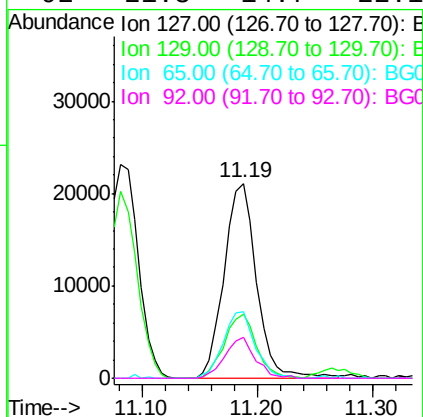
#33
4-Chloroaniline
Concen: 11.32 ng
RT: 11.19 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Instrument :
BNA_G
ClientSampleId :
PB89789BS

Manual Integrations
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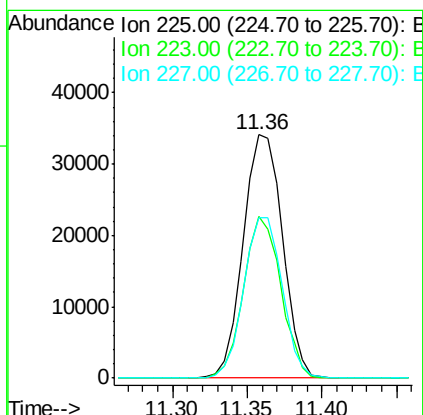
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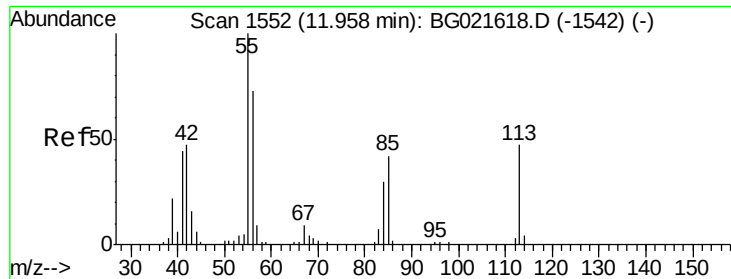
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	33.9	27.5	41.3
92	21.3	14.7	22.1



#34
Hexachlorobutadiene
Concen: 37.09 ng
RT: 11.36 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.4	52.7	79.1
227	68.8	49.7	74.5





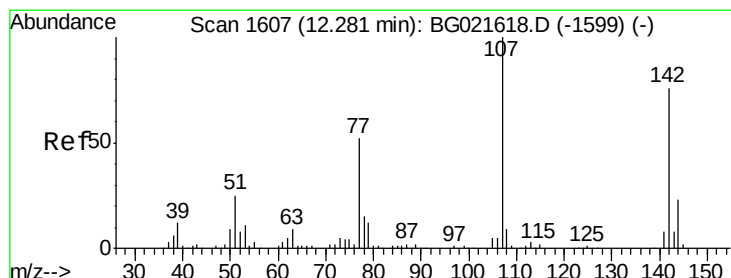
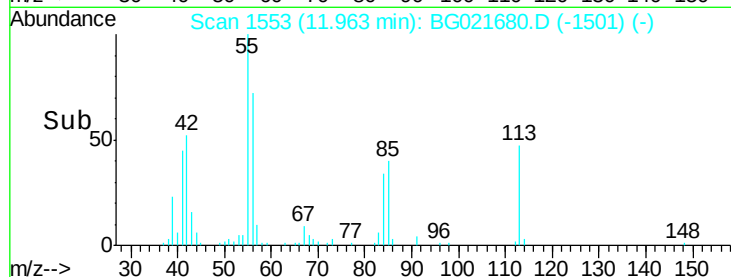
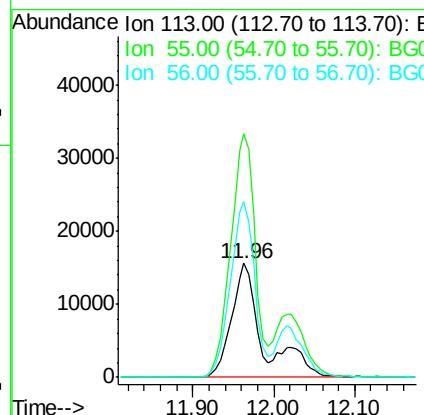
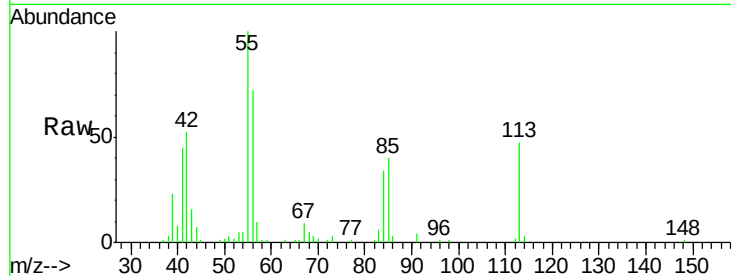
#35
 Caprolactam
 Concen: 38.10 ng m
 RT: 11.96 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Instrument :
 BNA_G
 ClientSampled :
 PB89789BS

Tgt Ion: 113 Resp: 42091
 Ion Ratio Lower Upper
 113 100
 55 213.3 194.2 234.2
 56 154.0 122.6 162.6

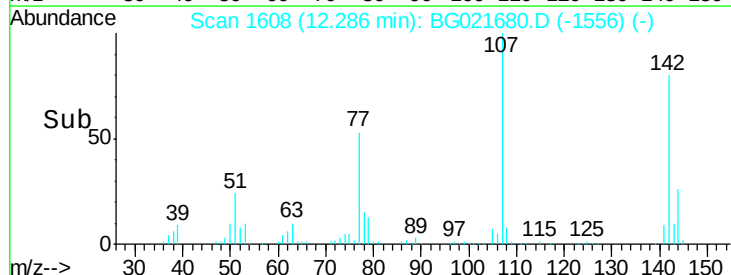
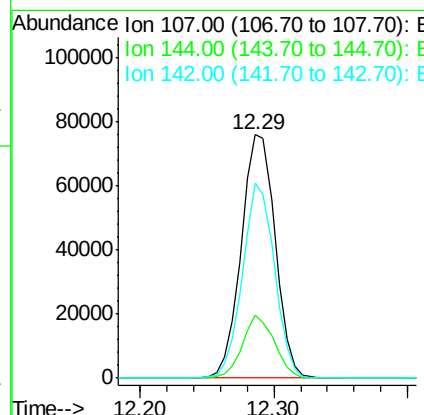
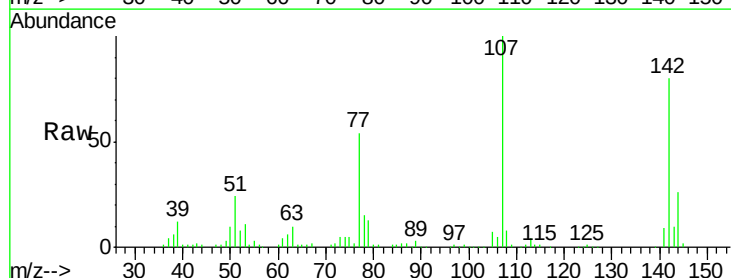
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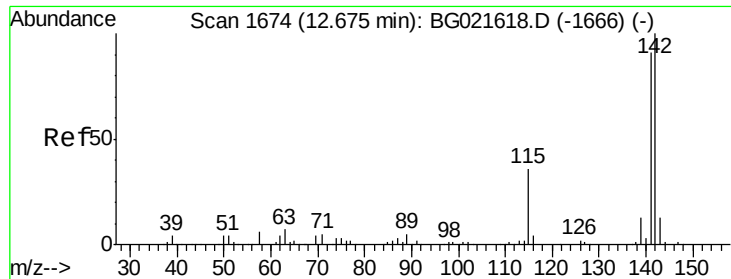
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#36
 4-Chloro-3-methylphenol
 Concen: 43.99 ng
 RT: 12.29 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Tgt Ion: 107 Resp: 133563
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.2 28.8
 142 79.9 59.1 88.7





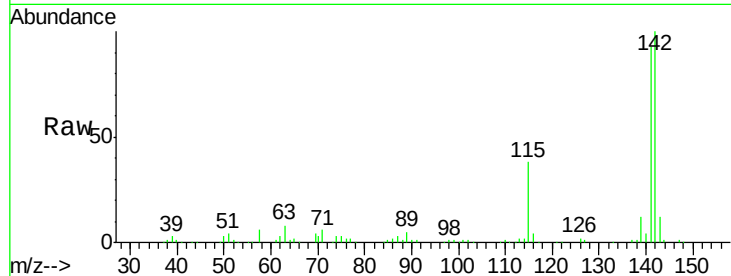
#37
 2-Methylnaphthalene
 Concen: 41.69 ng
 RT: 12.67 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Instrument :
 BNA_G
 ClientSampleId :
 PB89789BS

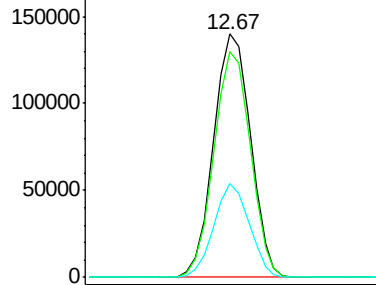
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	240096		
141	92.5	71.4	107.0	
115	38.5	27.4	41.2	

Manual Integrations
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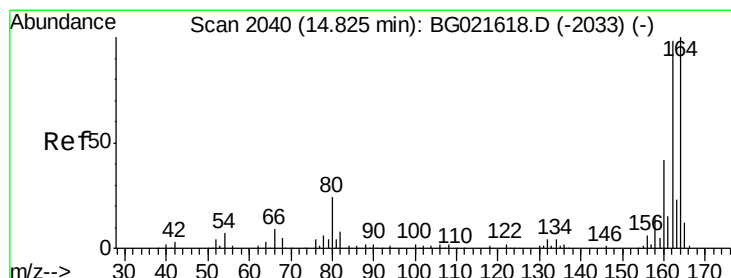
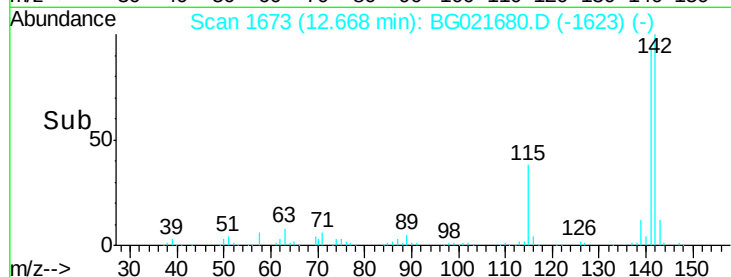
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Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

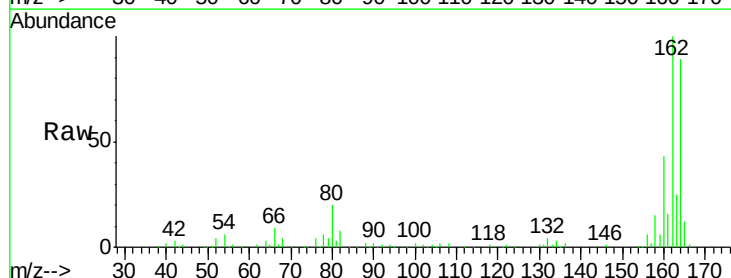


Time-->

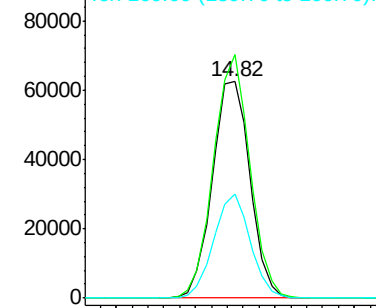


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

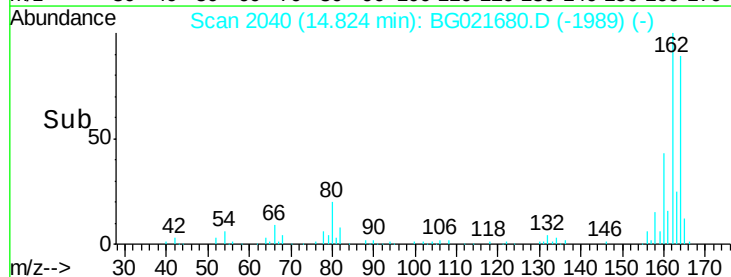
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	102857		
162	112.7	78.0	117.0	
160	48.2	32.9	49.3	

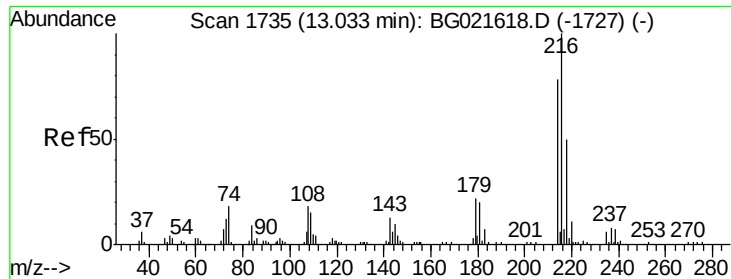


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



Time-->





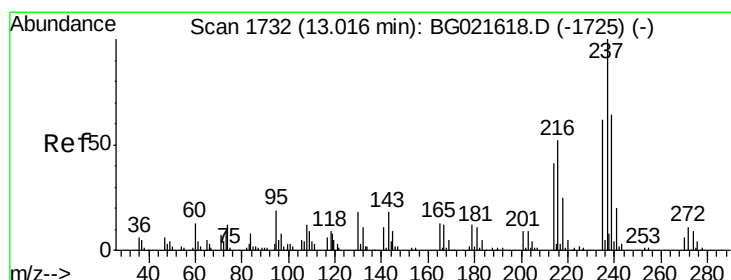
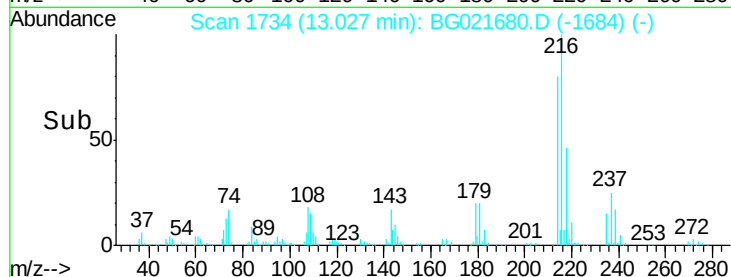
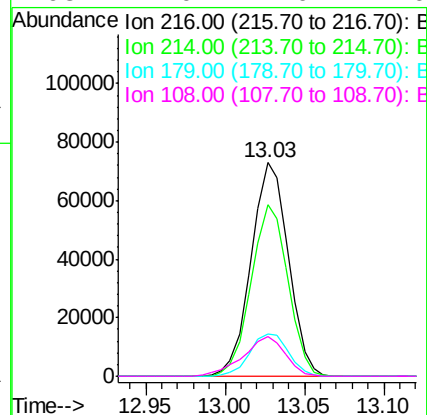
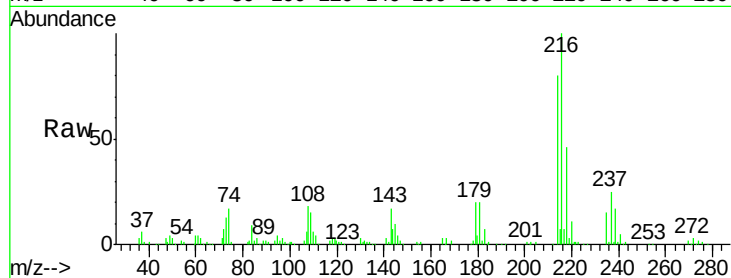
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.12 ng
 RT: 13.03 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Instrument :
 BNA_G
 ClientSampled :
 PB89789BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	119312		
214	79.2	62.2	93.2	
179	20.8	16.7	25.1	
108	21.0	14.0	21.0	

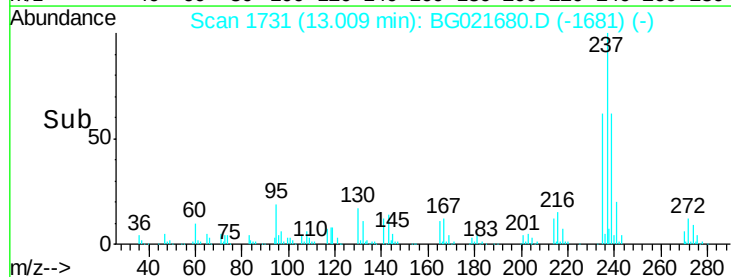
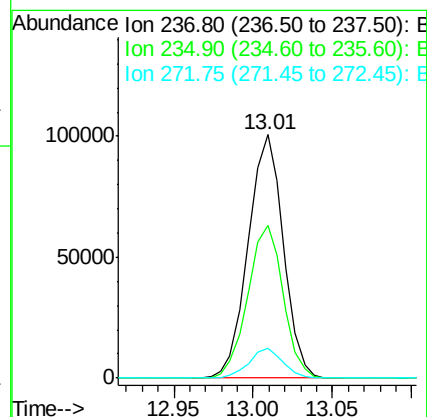
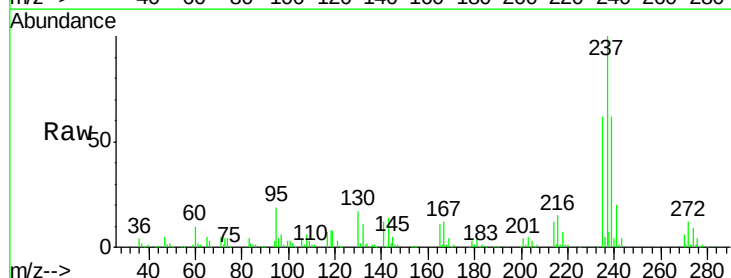
Manual Integrations
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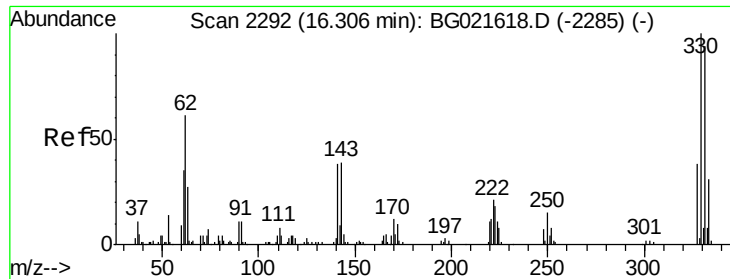
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 86.61 ng
 RT: 13.01 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	154649		
235	62.5	43.2	83.2	
272	12.0	0.0	33.4	





#41

2,4,6-Tribromophenol

Concen: 88.76 ng

RT: 16.31 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG021680.D

Acq: 15 Apr 2016 10:03

Instrument :

BNA_G

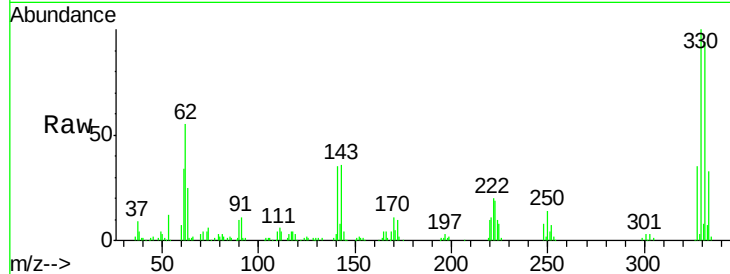
ClientSampleId :

PB89789BS

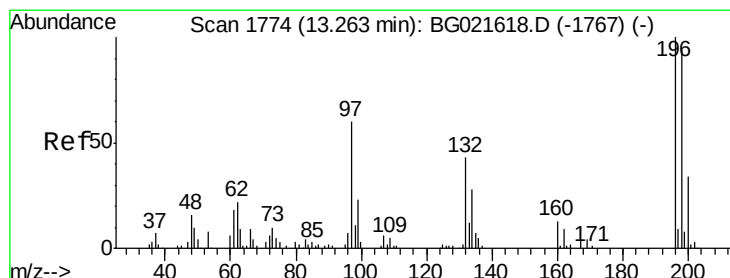
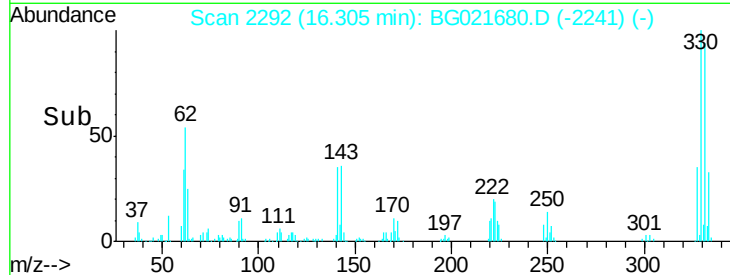
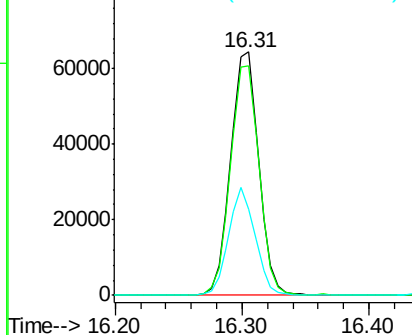
Tgt Ion:	330	Resp:	98395
Ion Ratio	Lower	Upper	
330	100		
332	95.8	78.0	117.0
141	41.6	33.8	50.8

Manual Integrations
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4/15/2016 4:44:57 PM



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: 44.07 ng

RT: 13.26 min Scan# 1774

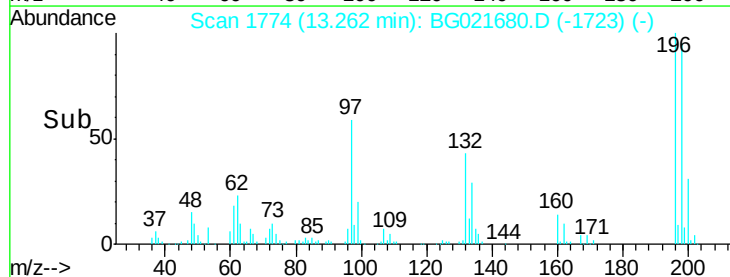
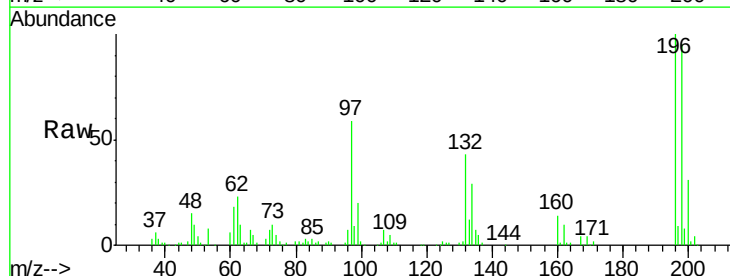
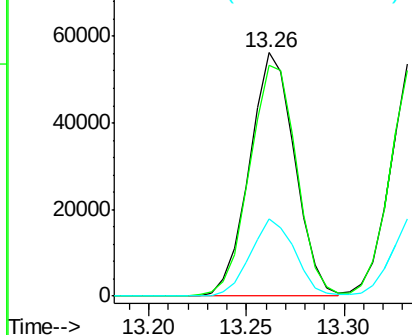
Delta R.T. -0.00 min

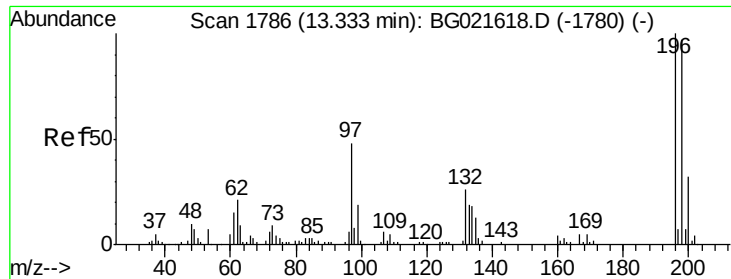
Lab File: BG021680.D

Acq: 15 Apr 2016 10:03

Tgt Ion:	196	Resp:	90333
Ion Ratio	Lower	Upper	
196	100		
198	94.7	80.1	120.1
200	31.5	24.1	36.1

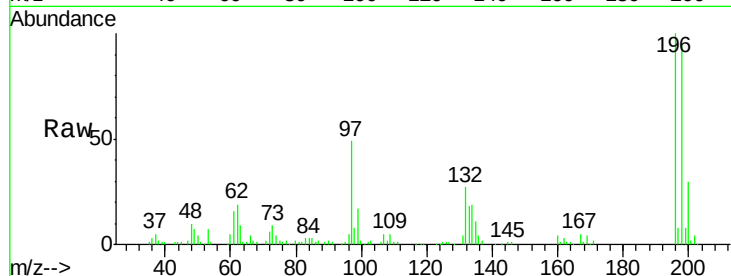
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 45.12 ng
 RT: 13.34 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

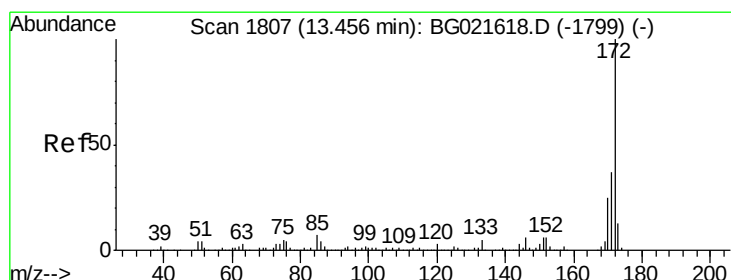
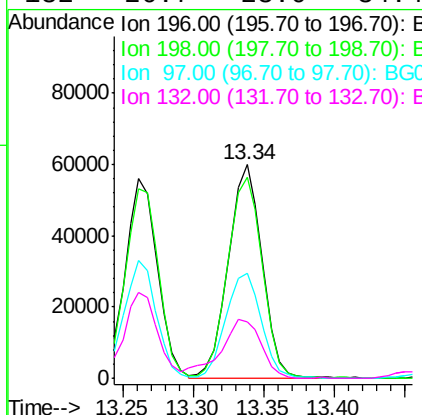
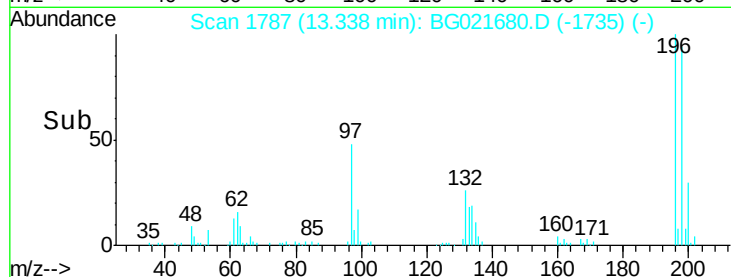
Instrument :
 BNA_G
 ClientSampled :
 PB89789BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	99792		
198	94.0	78.0	117.0	
97	49.3	43.0	64.6	
132	26.7	23.0	34.4	

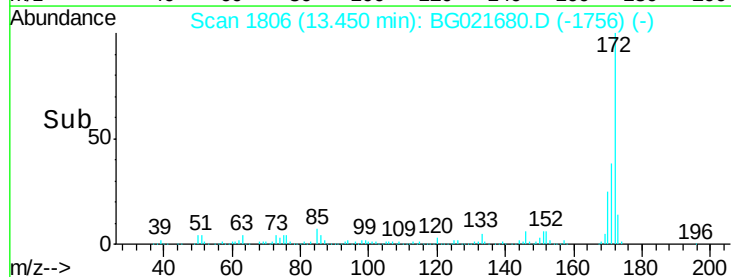
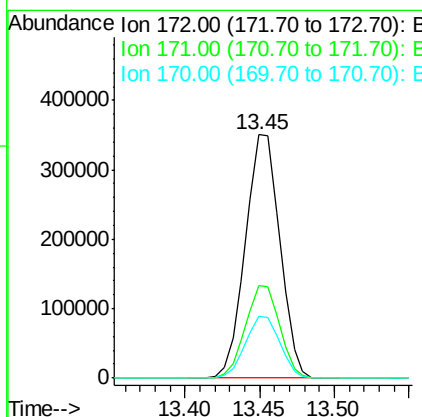
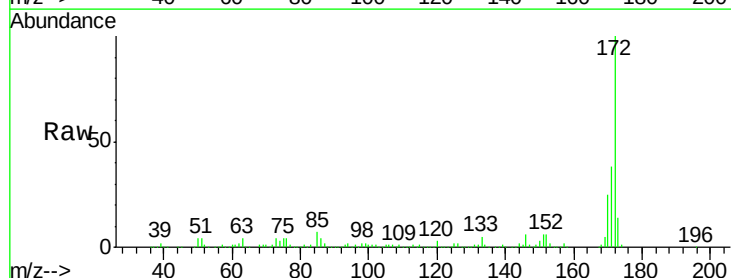
Manual Integrations
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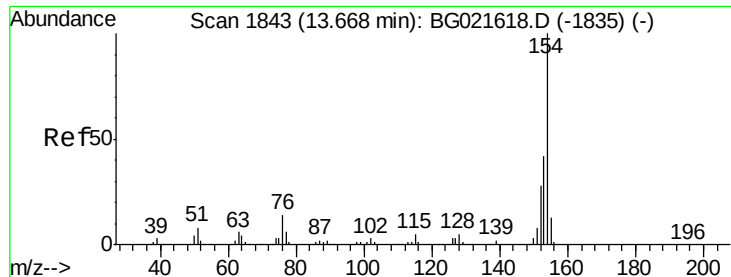
Sohil
 4/15/2016 4:44:57 PM



#44
 2-Fluorobiphenyl
 Concen: 79.68 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	559376		
171	37.8	27.8	41.6	
170	25.1	19.6	29.4	





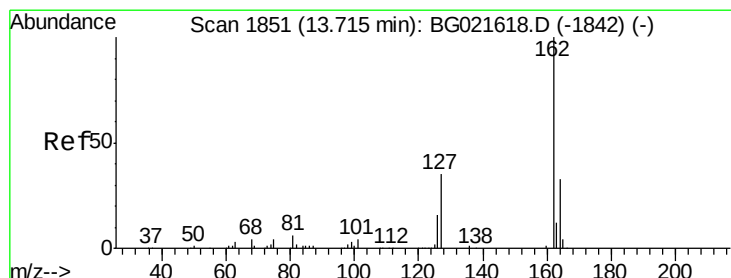
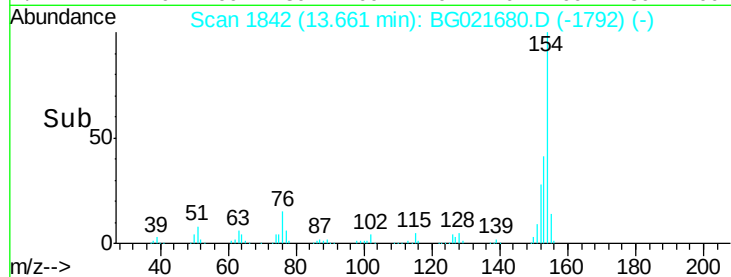
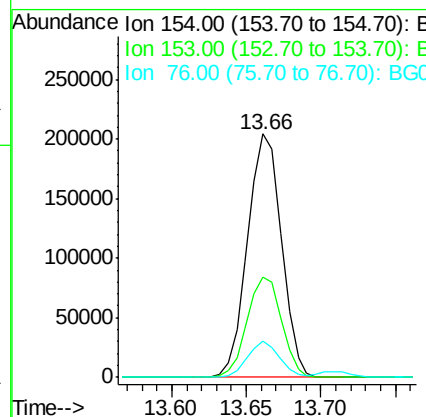
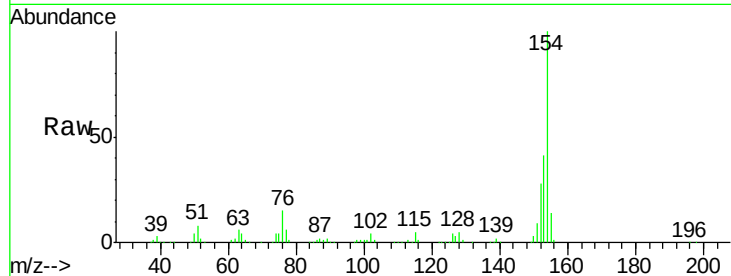
#45
 1,1'-Biphenyl
 Concen: 37.03 ng
 RT: 13.66 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Instrument :
 BNA_G
 ClientSampleId :
 PB89789BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.4	19.7	59.7	
76	14.7	0.0	33.0	

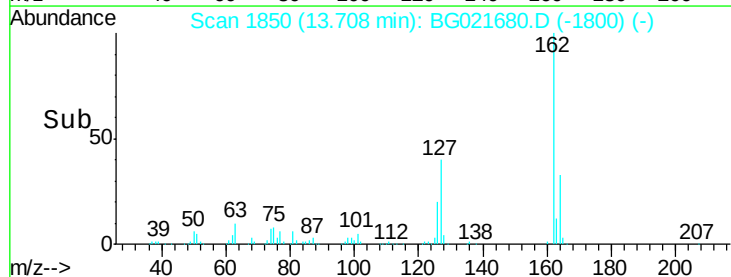
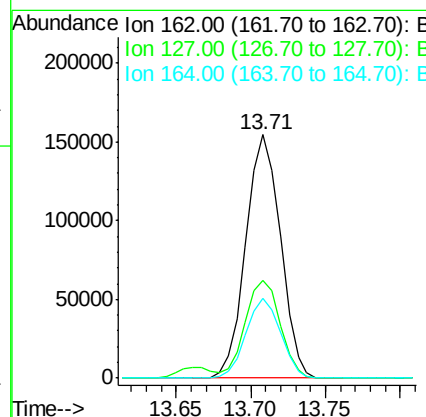
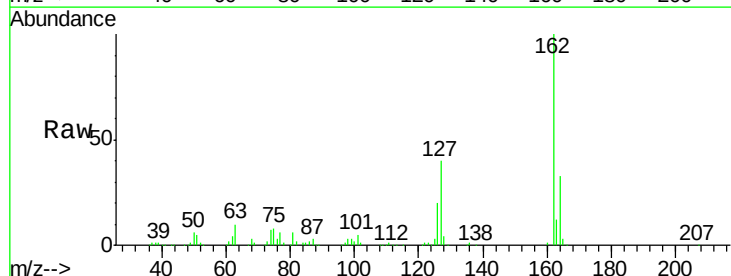
Manual Integrations
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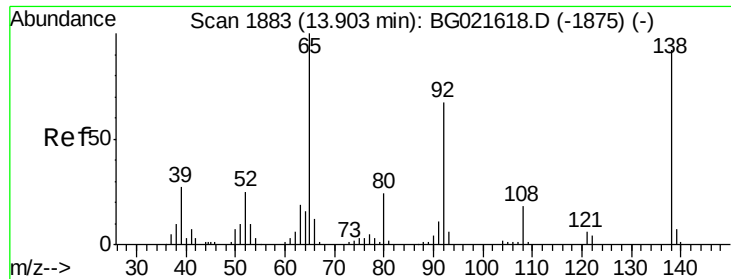
Sohil
 4/15/2016 4:44:57 PM



#46
 2-Chloronaphthalene
 Concen: 38.77 ng
 RT: 13.71 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.2	32.0	48.0	
164	32.8	27.0	40.4	





#47

2-Nitroaniline

Concen: 43.17 ng

RT: 13.91 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BG021680.D

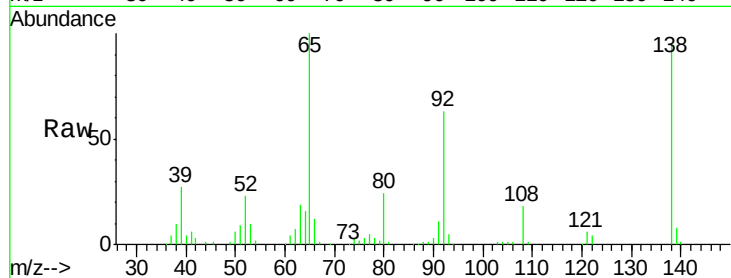
Acq: 15 Apr 2016 10:03

Instrument :

BNA_G

ClientSampleId :

PB89789BS



Tgt Ion: 65 Resp: 94831

Ion Ratio Lower Upper

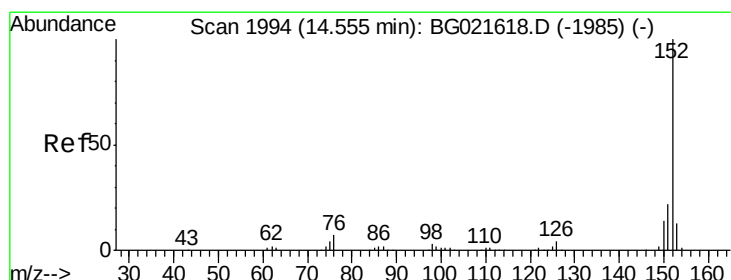
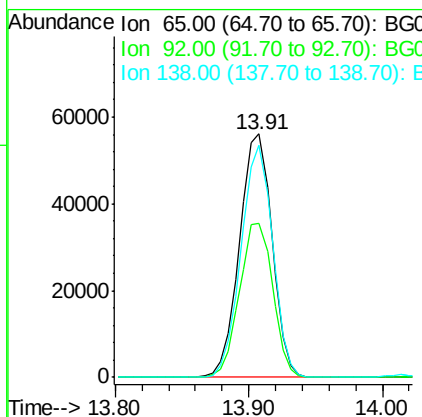
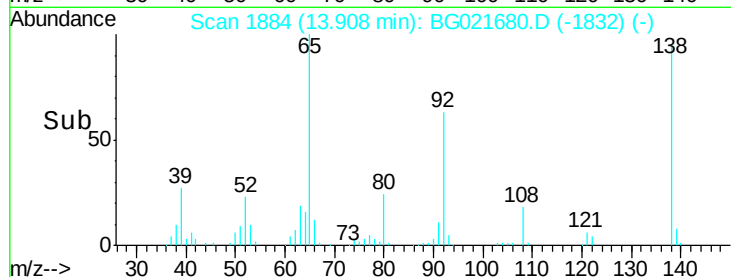
65 100

92 63.3 49.2 73.8

138 95.4 75.0 112.6

Manual Integrations
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4/15/2016 4:44:57 PM



#48

Acenaphthylene

Concen: 39.13 ng

RT: 14.55 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG021680.D

Acq: 15 Apr 2016 10:03

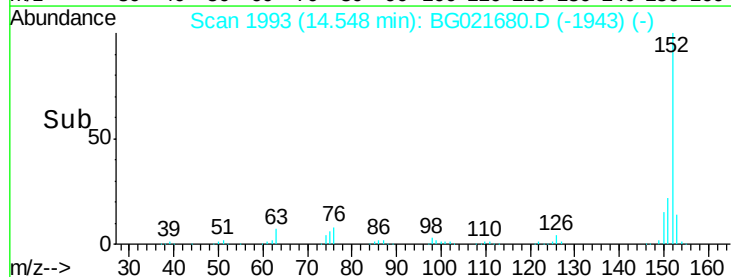
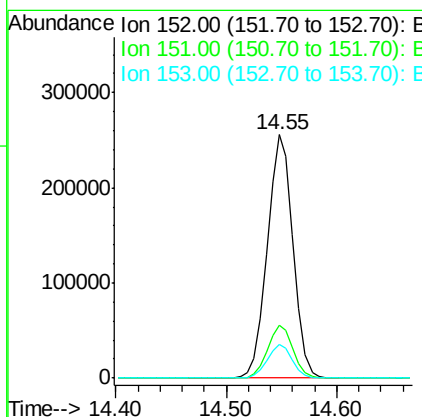
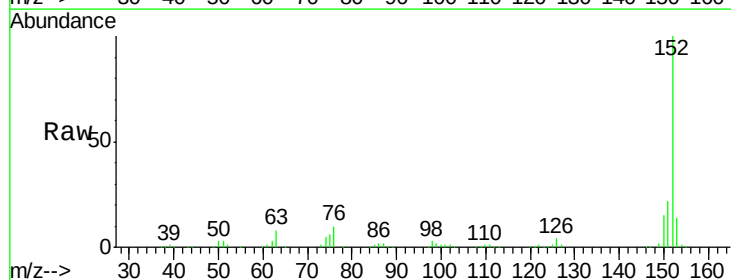
Tgt Ion: 152 Resp: 414498

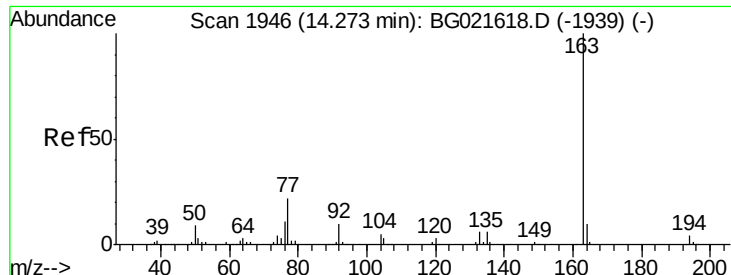
Ion Ratio Lower Upper

152 100

151 21.8 16.6 24.8

153 13.7 10.2 15.2





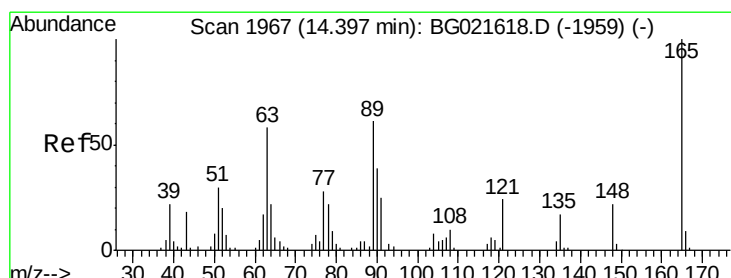
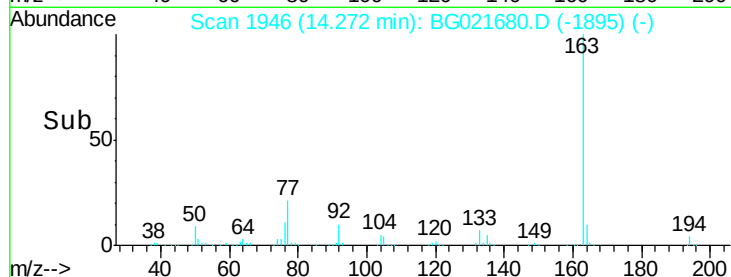
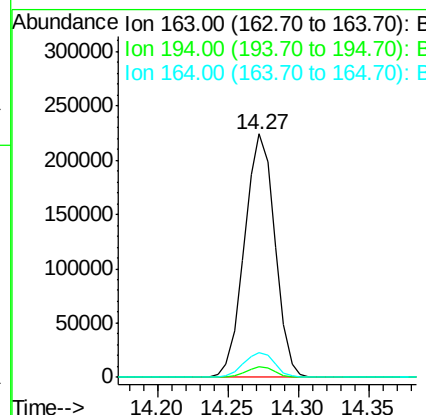
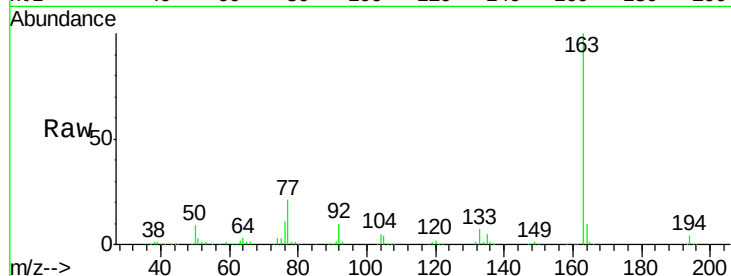
#49
Dimethylphthalate
Concen: 38.12 ng
RT: 14.27 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Instrument :
BNA_G
ClientSampleId :
PB89789BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.3	3.0	4.6
164	10.4	8.1	12.1

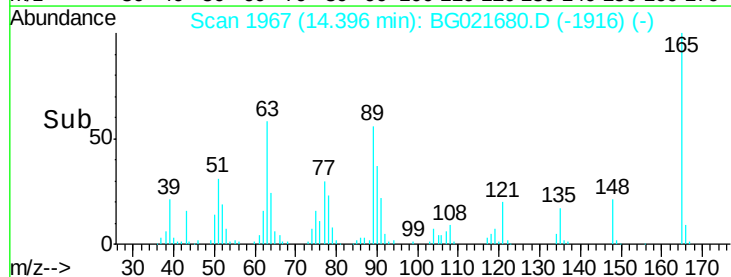
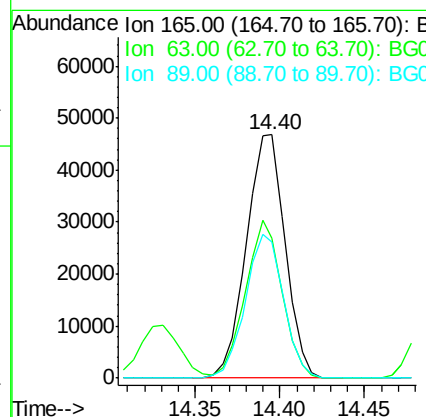
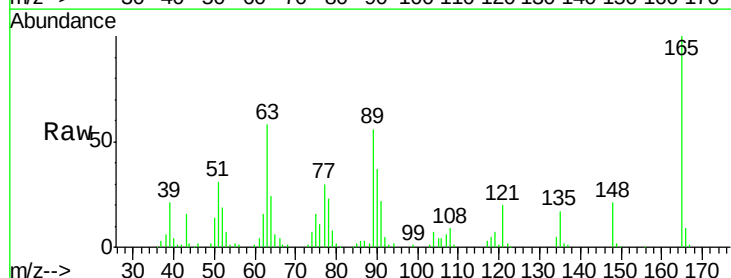
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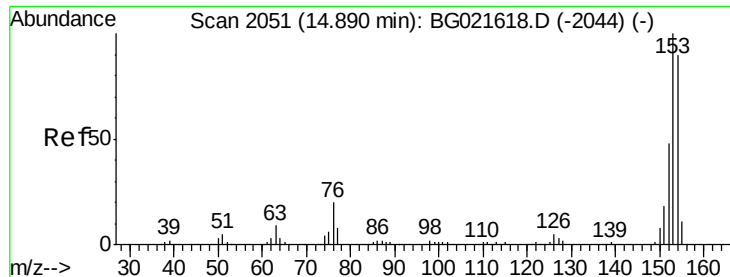
Sohil
4/15/2016 4:44:57 PM



#50
2,6-Dinitrotoluene
Concen: 44.03 ng
RT: 14.40 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	57.7	48.2	72.4
89	55.7	45.3	67.9





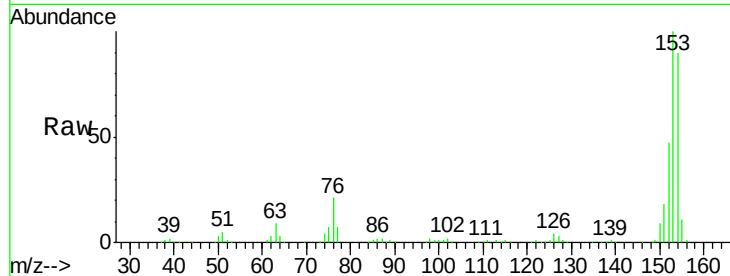
#51
Acenaphthene
Concen: 43.07 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Instrument :
BNA_G
ClientSampleId :
PB89789BS

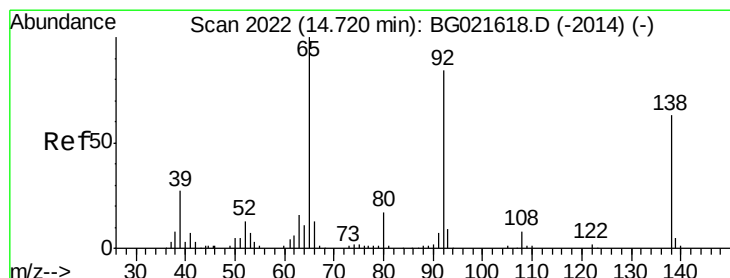
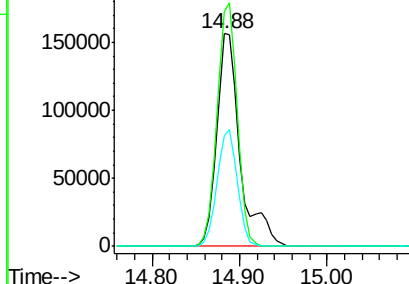
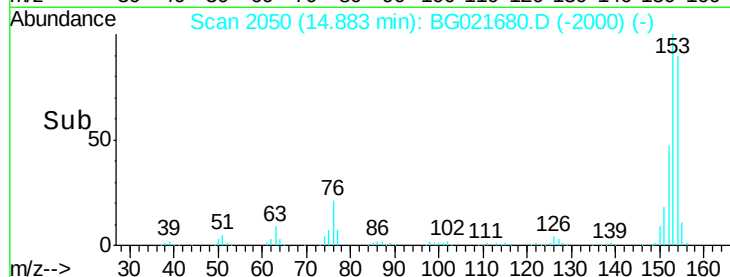
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	291692		
153	110.7	91.9	137.9	
152	52.0	42.0	63.0	

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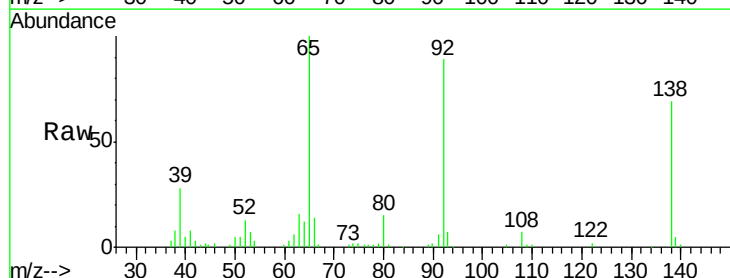


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

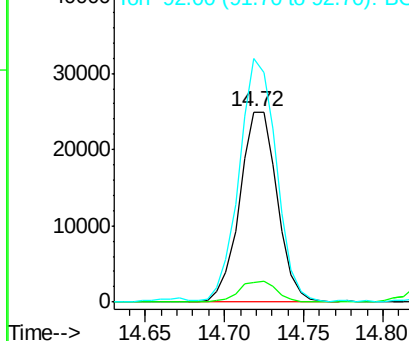
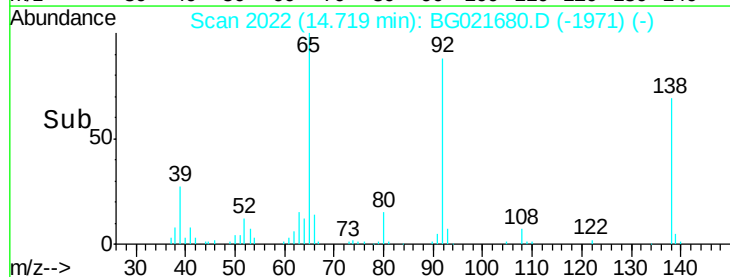


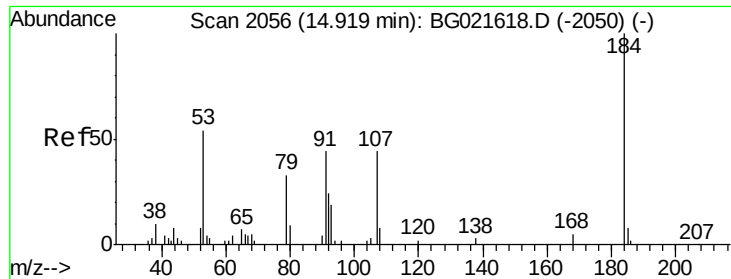
#52
3-Nitroaniline
Concen: 21.78 ng
RT: 14.72 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	40966		
108	10.2	9.1	13.7	
92	128.2	102.6	154.0	



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





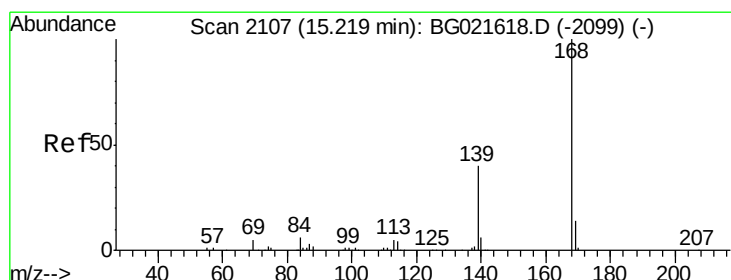
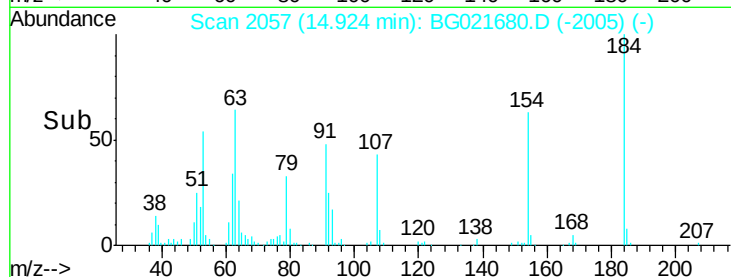
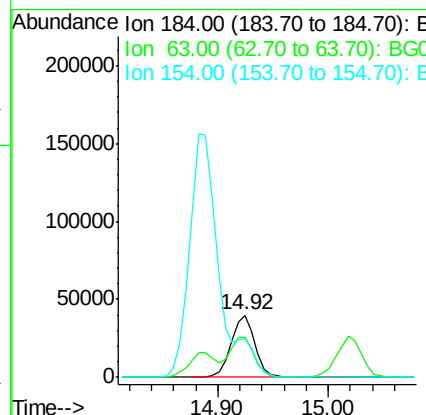
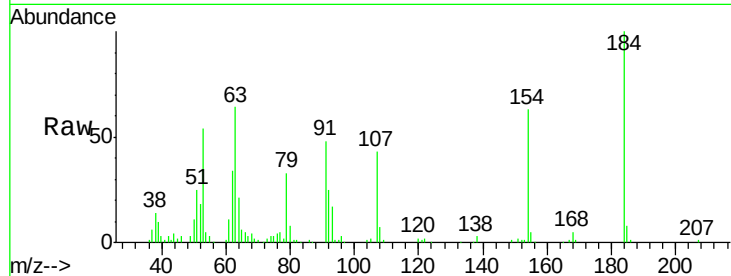
#53
2,4-Dinitrophenol
Concen: 91.85 ng
RT: 14.92 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Instrument :
BNA_G
ClientSampleId :
PB89789BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	60710		
63	64.1	57.3	85.9	
154	62.7	55.2	82.8	

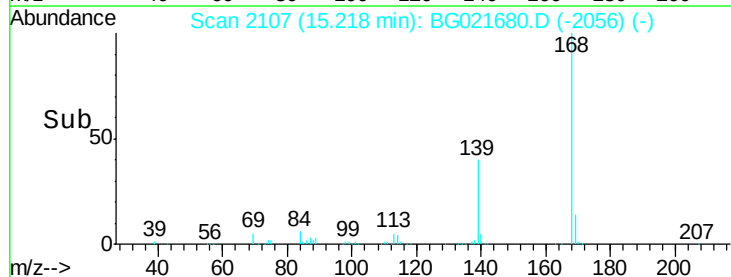
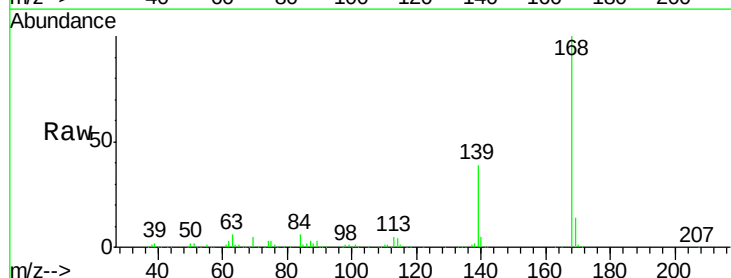
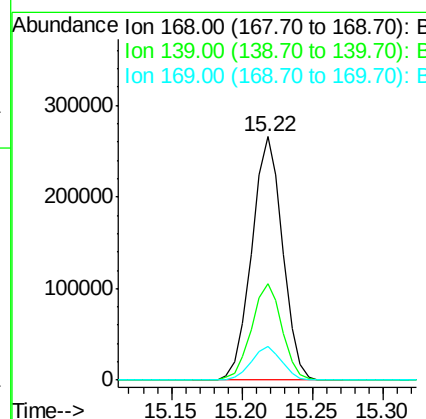
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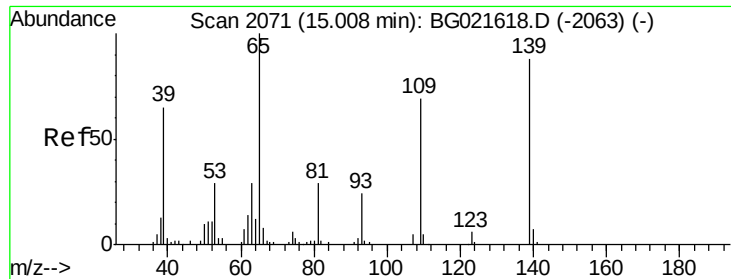
Sohil
4/15/2016 4:44:57 PM



#54
Dibenzofuran
Concen: 44.03 ng
RT: 15.22 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	407129		
139	39.4	31.1	46.7	
169	13.7	11.0	16.6	





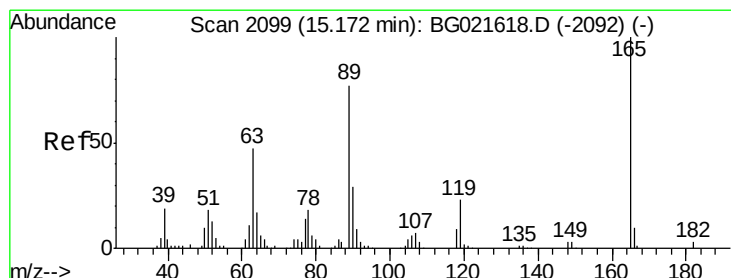
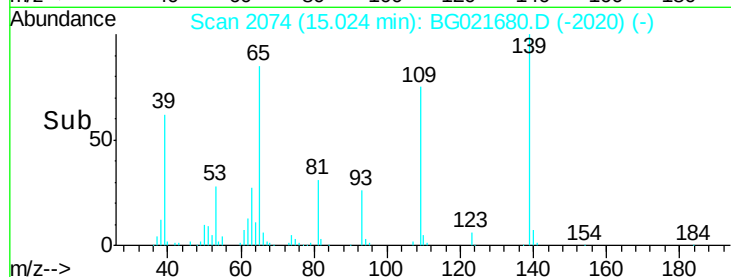
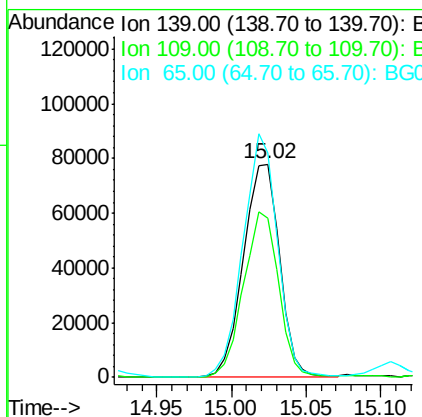
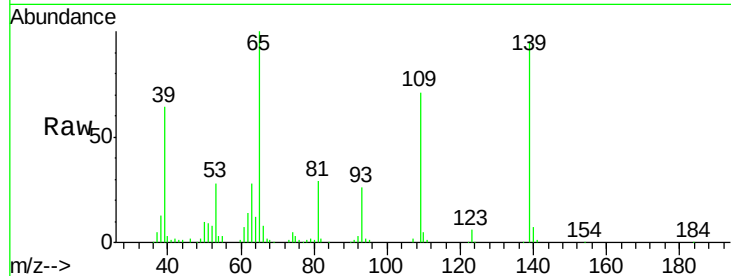
#55
4-Nitrophenol
Concen: 81.58 ng
RT: 15.02 min Scan# 2074
Delta R.T. 0.02 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Instrument :
BNA_G
ClientSampleId :
PB89789BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	131373		
109	74.8	49.2	89.2	
65	105.1	83.2	123.2	

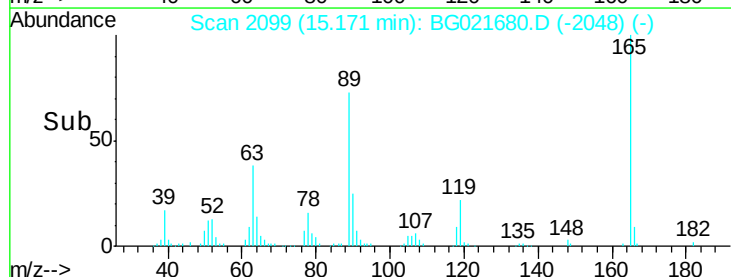
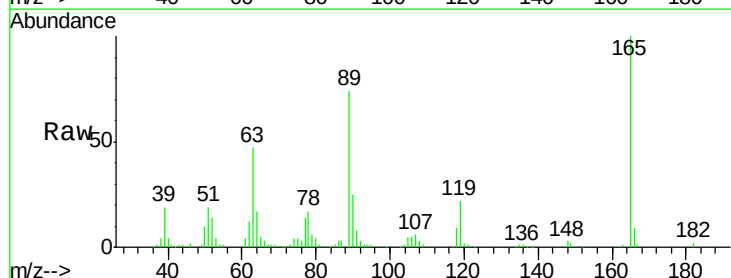
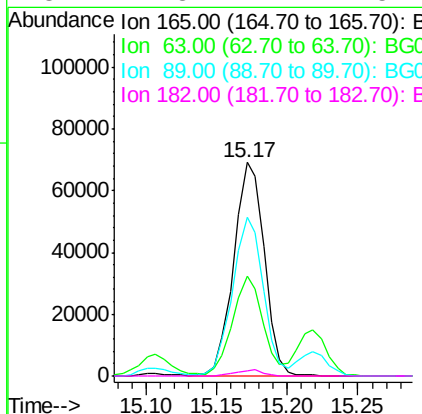
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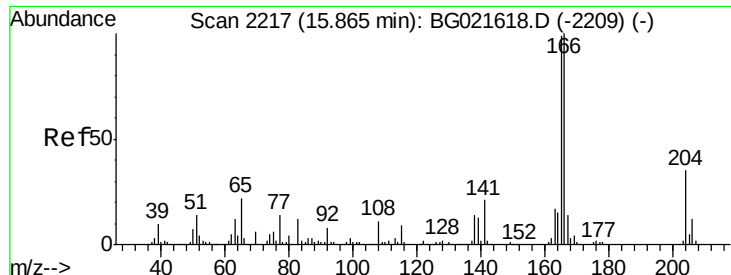
Sohil
4/15/2016 4:44:57 PM



#56
2,4-Dinitrotoluene
Concen: 45.67 ng
RT: 15.17 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	104679		
63	46.9	37.4	56.0	
89	74.1	59.4	89.0	
182	2.3	2.1	3.1	





#57

Fluorene

Concen: 40.22 ng

RT: 15.86 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG021680.D

Acq: 15 Apr 2016 10:03

Instrument :

BNA_G

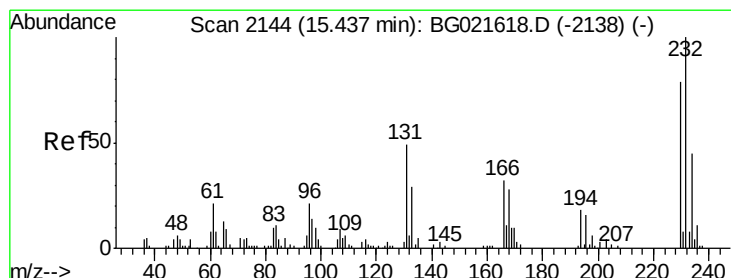
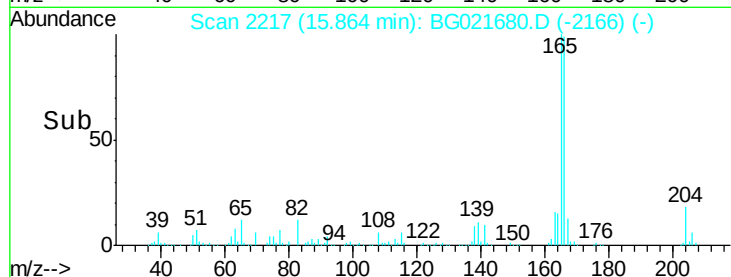
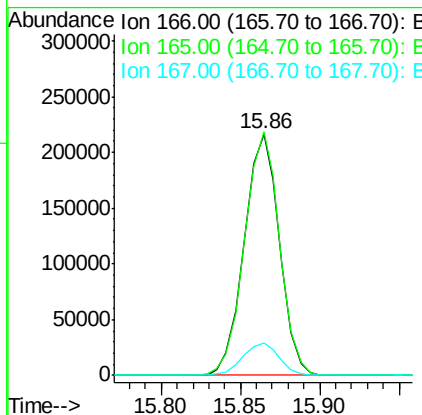
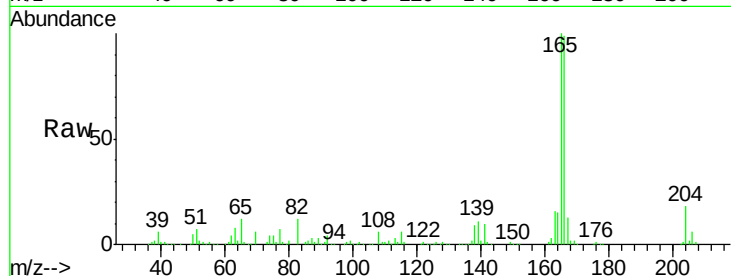
ClientSampleId :

PB89789BS

Tgt Ion:	166	Resp:	332166
Ion Ratio	Lower	Upper	
166	100		
165	100.9	79.0	118.4
167	13.4	10.7	16.1

Manual Integrations
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4/15/2016 4:44:57 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.11 ng

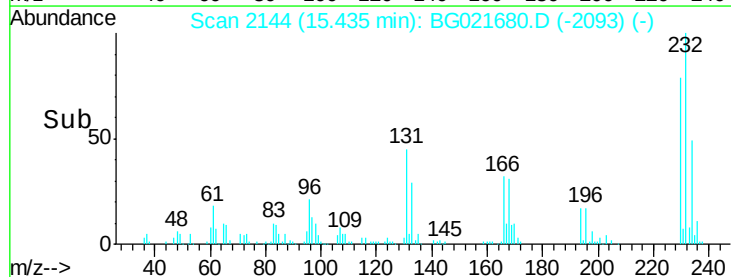
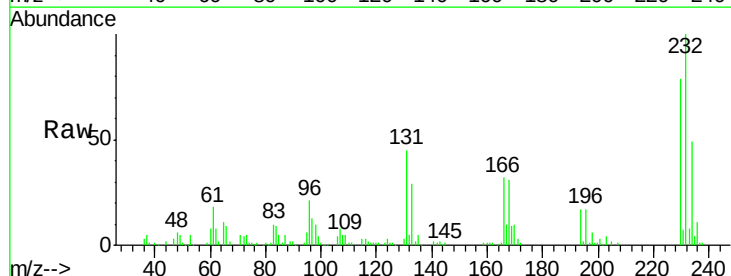
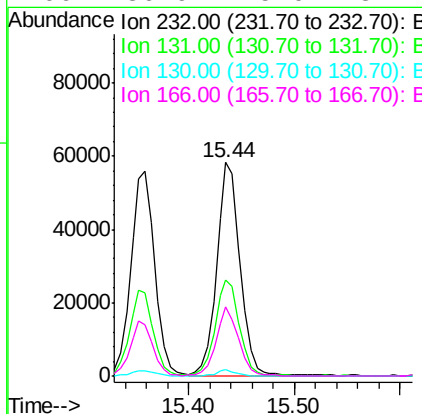
RT: 15.44 min Scan# 2144

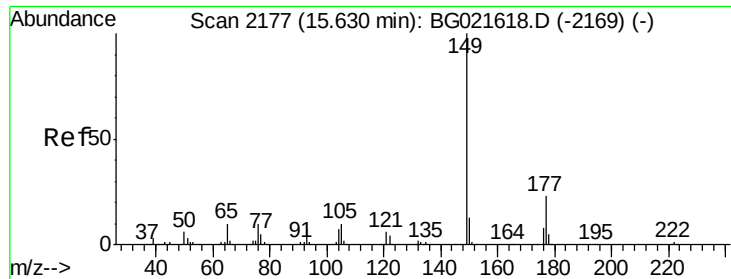
Delta R.T. -0.00 min

Lab File: BG021680.D

Acq: 15 Apr 2016 10:03

Tgt Ion:	232	Resp:	90125
Ion Ratio	Lower	Upper	
232	100		
131	46.5	36.3	54.5
130	2.3	1.9	2.9
166	30.9	25.0	37.4





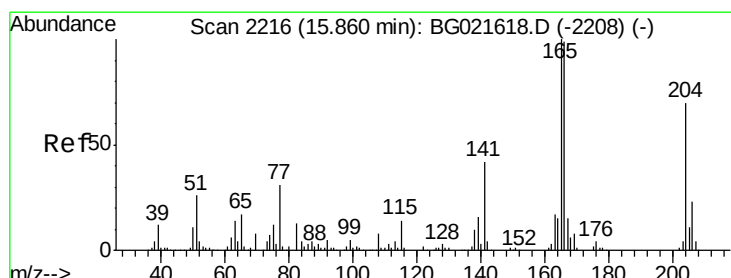
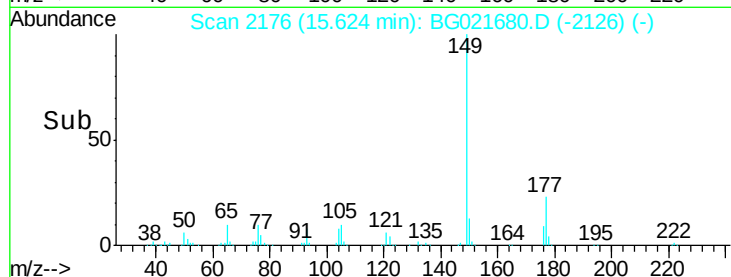
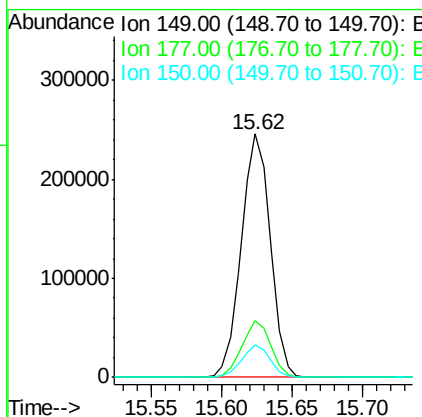
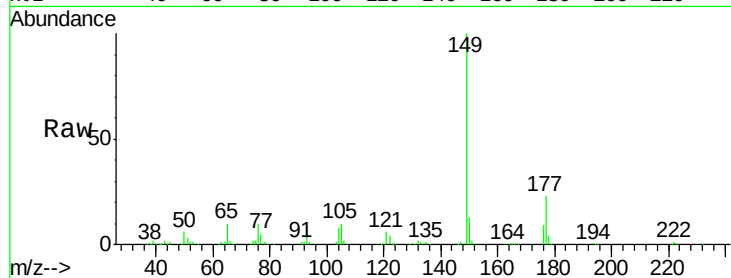
#59
Diethylphthalate
Concen: 38.07 ng
RT: 15.62 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Instrument :
BNA_G
ClientSampleId :
PB89789BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.1	17.3	25.9	
150	13.3	9.7	14.5	

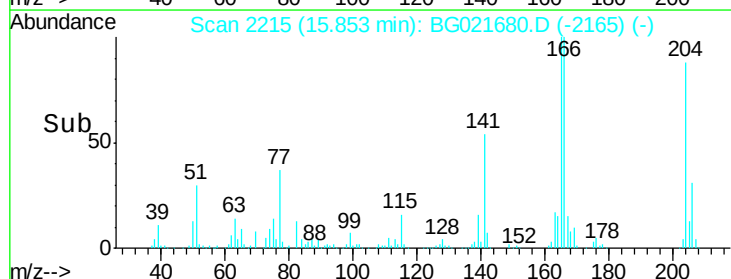
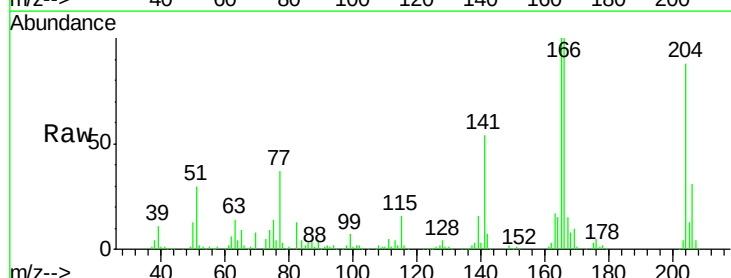
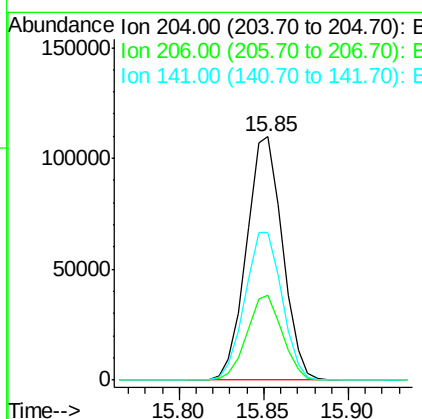
Manual Integrations
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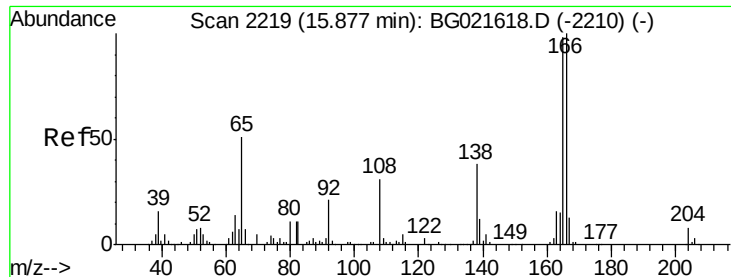
Sohil
4/15/2016 4:44:57 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.97 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.8	27.8	41.8	
141	60.9	51.0	76.4	





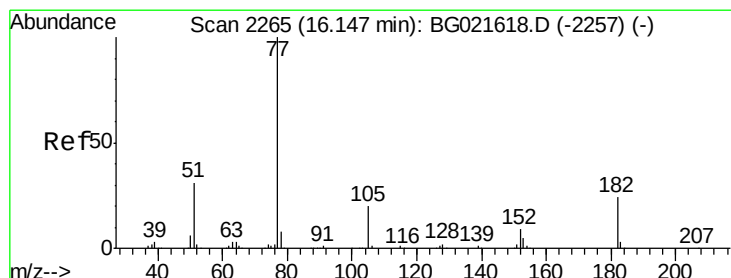
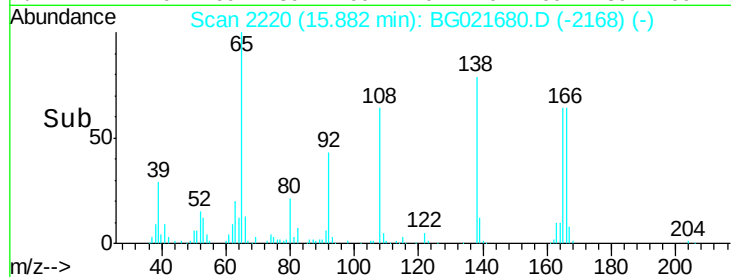
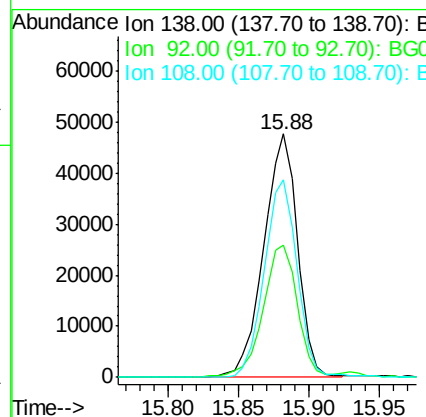
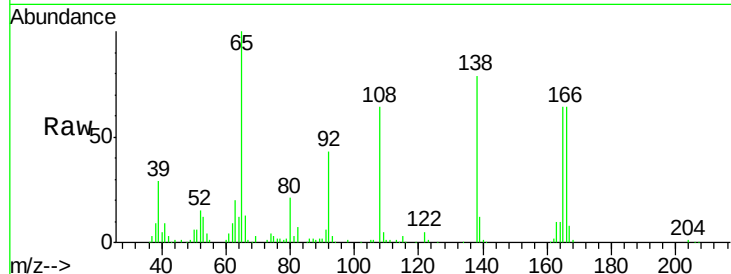
#61
4-Nitroaniline
Concen: 38.73 ng
RT: 15.88 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Instrument :
BNA_G
ClientSampleId :
PB89789BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	80155		
92	54.4	37.7	77.7	
108	81.3	59.4	99.4	

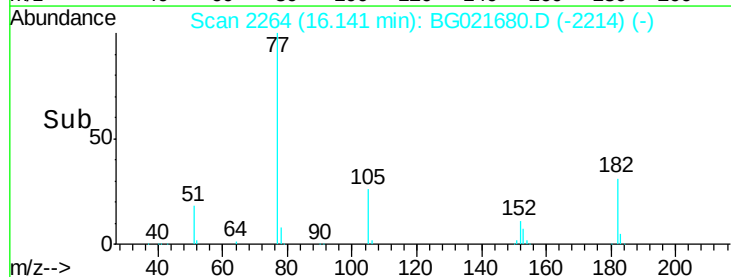
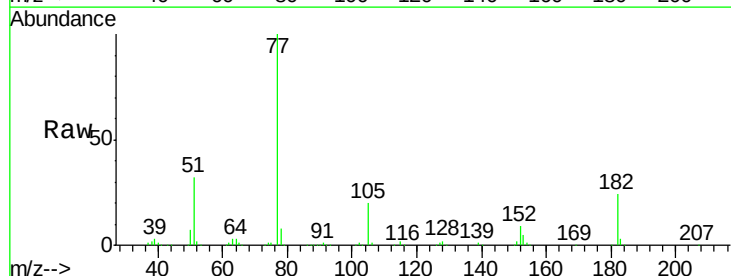
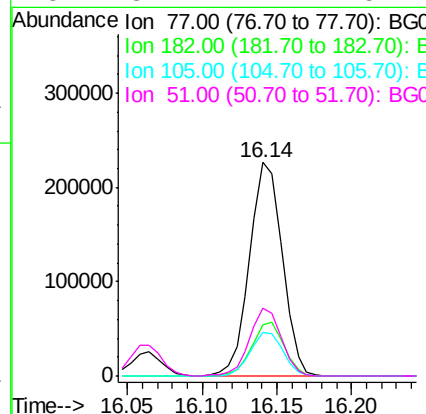
Manual Integrations
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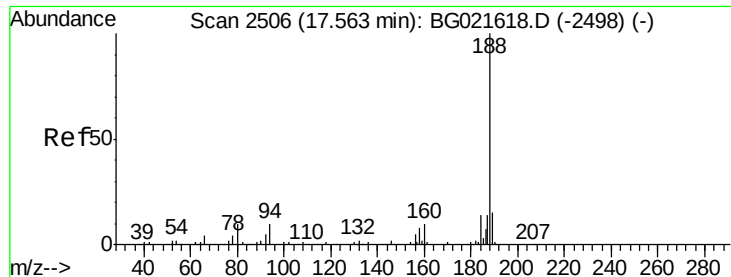
Sohil
4/15/2016 4:44:57 PM



#62
Azobenzene
Concen: 43.04 ng
RT: 16.14 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	342407		
182	24.1	4.1	44.1	
105	20.3	0.0	39.8	
51	31.7	11.1	51.1	





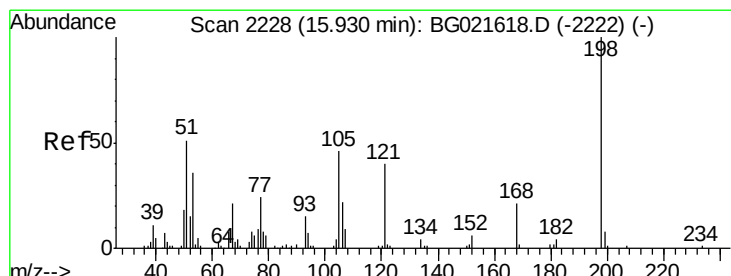
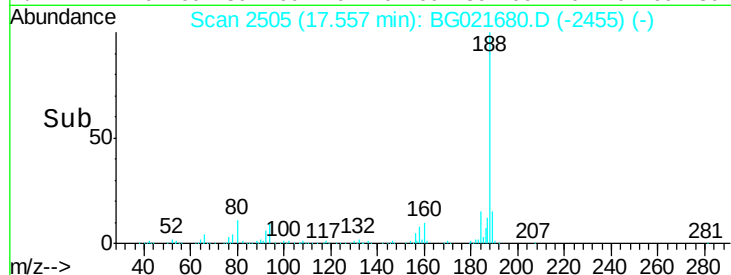
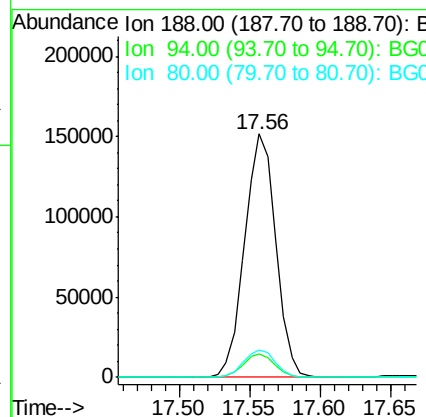
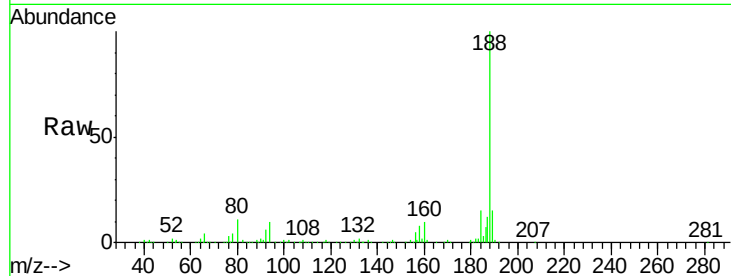
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Instrument :
BNA_G
ClientSampleId :
PB89789BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.6	7.5	11.3
80	11.3	8.6	13.0

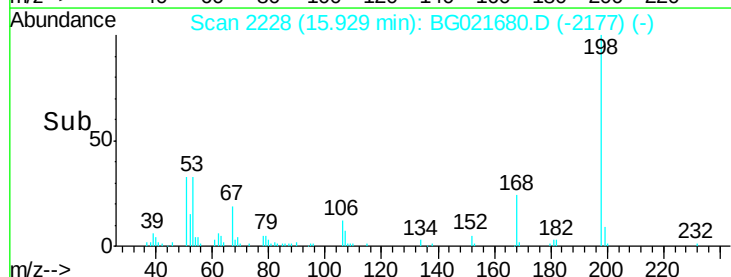
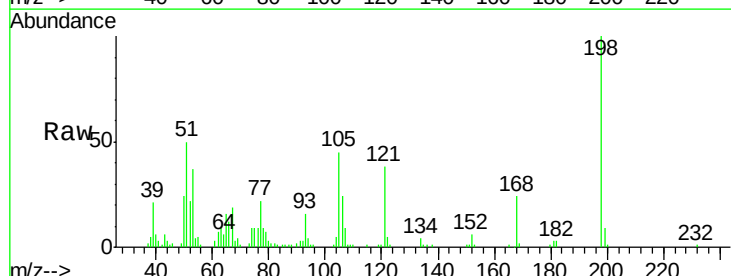
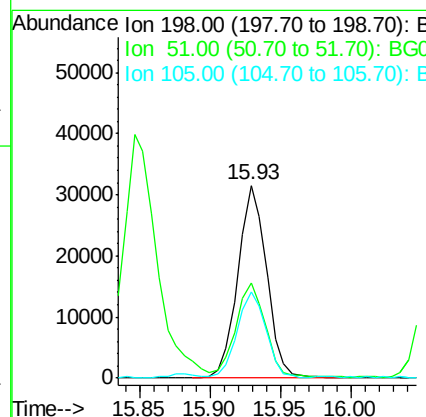
Manual Integrations
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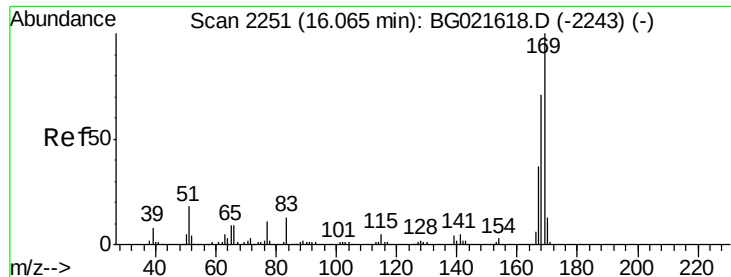
Sohil
4/15/2016 4:44:57 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 46.39 ng
RT: 15.93 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	49.6	29.2	69.2
105	44.6	24.0	64.0





#65

n-Nitrosodiphenylamine

Concen: 42.20 ng

RT: 16.06 min Scan# 2251

Delta R.T. -0.00 min

Lab File: BG021680.D

Acq: 15 Apr 2016 10:03

Instrument :

BNA_G

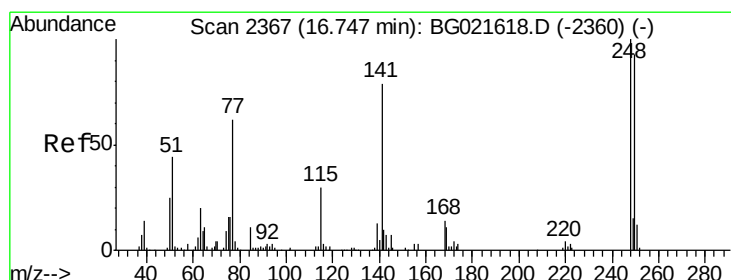
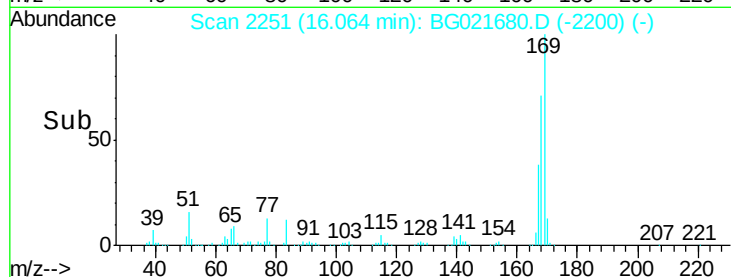
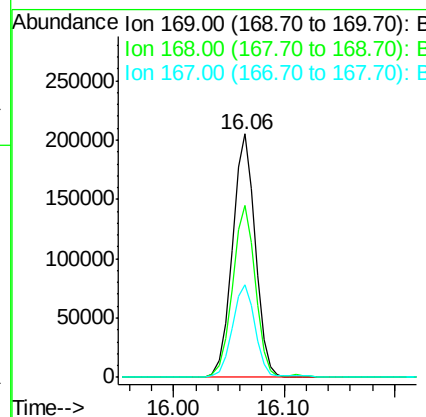
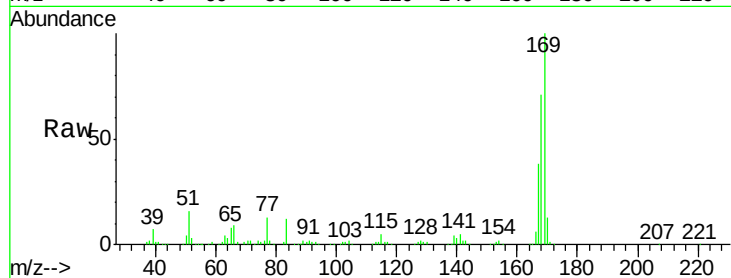
ClientSampled :

PB89789BS

Tgt Ion:	169	Resp:	296281
Ion Ratio	Lower	Upper	
169	100		
168	70.6	59.6	89.4
167	37.8	31.2	46.8

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 42.43 ng

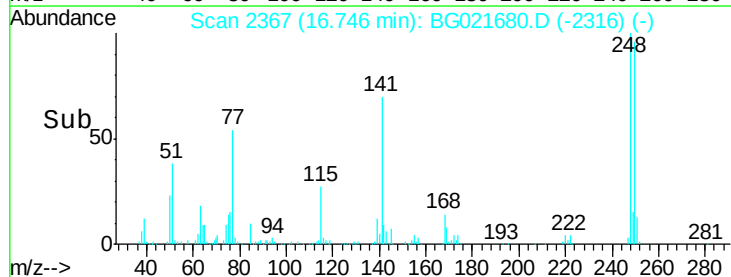
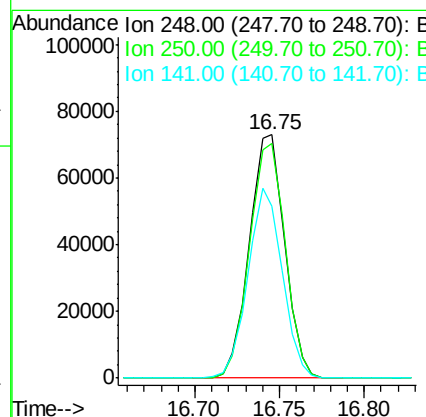
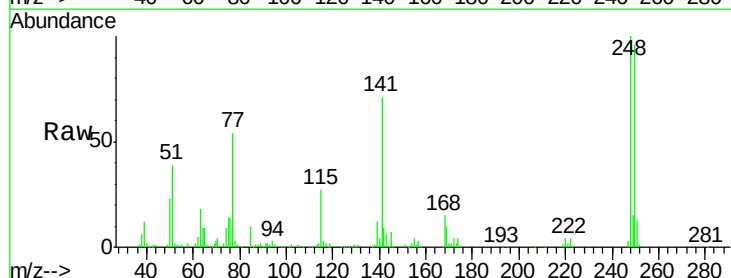
RT: 16.75 min Scan# 2367

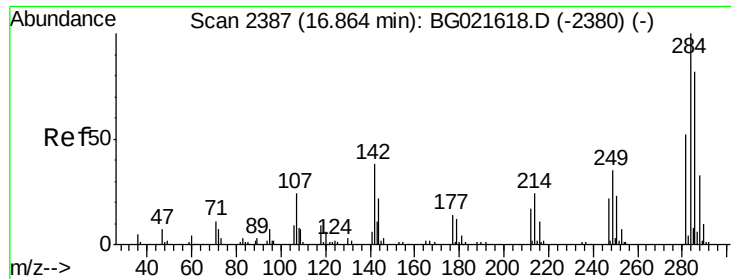
Delta R.T. -0.00 min

Lab File: BG021680.D

Acq: 15 Apr 2016 10:03

Tgt Ion:	248	Resp:	106416
Ion Ratio	Lower	Upper	
248	100		
250	96.2	76.6	114.8
141	70.7	63.8	95.6





#67

Hexachlorobenzene

Concen: 41.76 ng

RT: 16.86 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BG021680.D

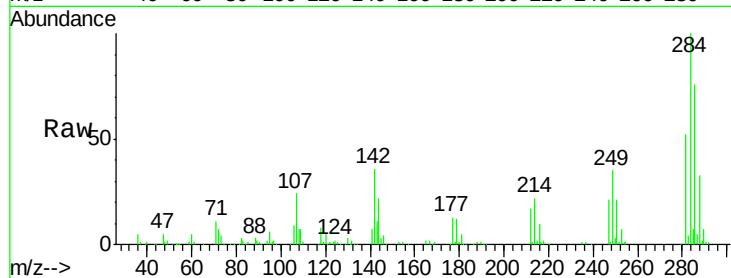
Acq: 15 Apr 2016 10:03

Instrument :

BNA_G

ClientSampleId :

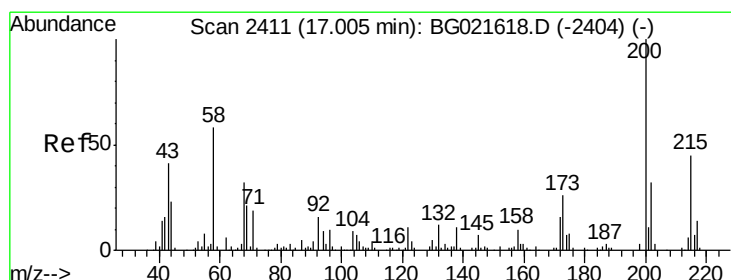
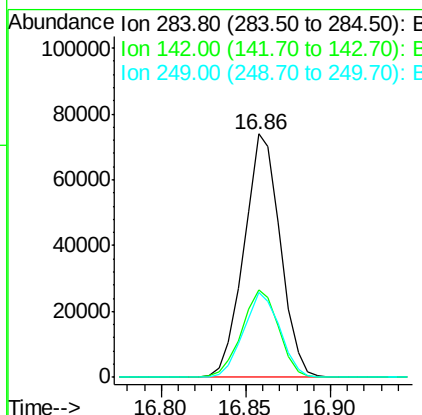
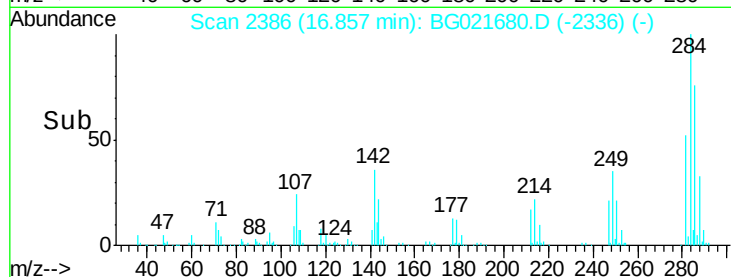
PB89789BS



Tgt Ion:	284	Resp:	110575
Ion Ratio	Lower	Upper	
284	100		
142	36.1	31.8	47.6
249	34.7	27.3	40.9

Manual Integrations
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#68

Atrazine

Concen: 34.84 ng

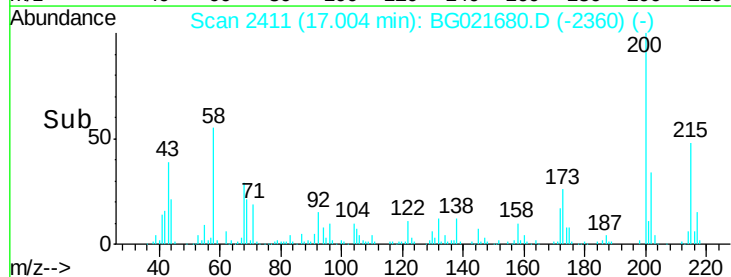
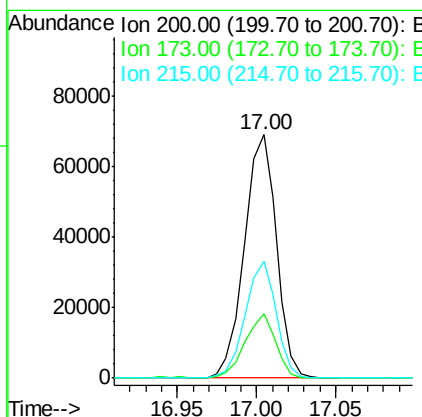
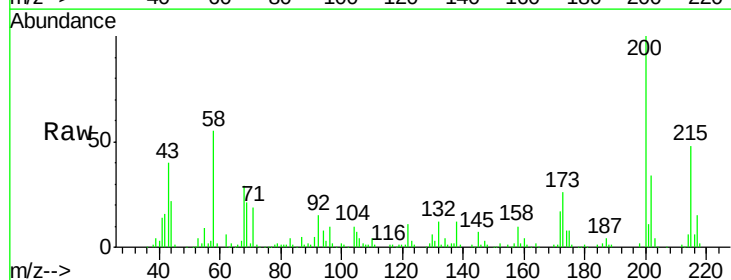
RT: 17.00 min Scan# 2411

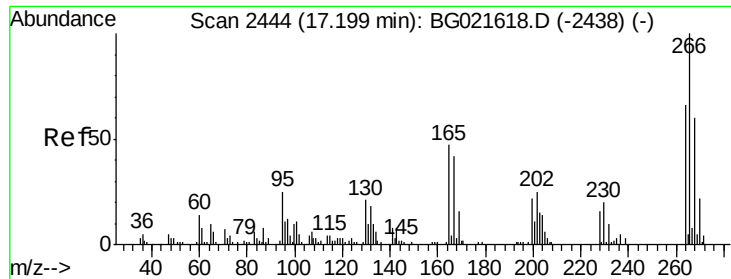
Delta R.T. -0.00 min

Lab File: BG021680.D

Acq: 15 Apr 2016 10:03

Tgt Ion:	200	Resp:	96603
Ion Ratio	Lower	Upper	
200	100		
173	26.4	5.1	45.1
215	47.9	28.0	68.0





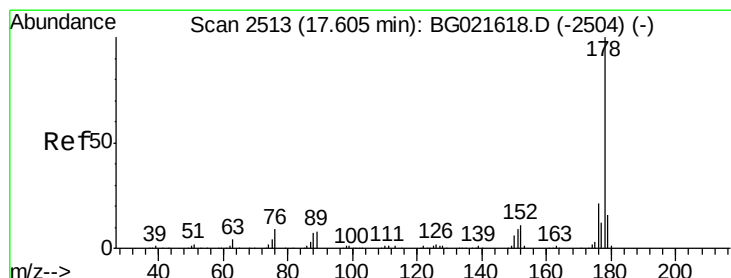
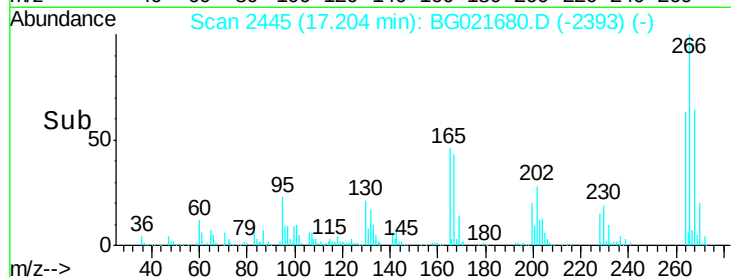
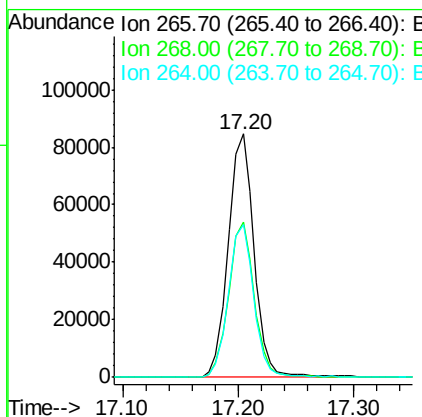
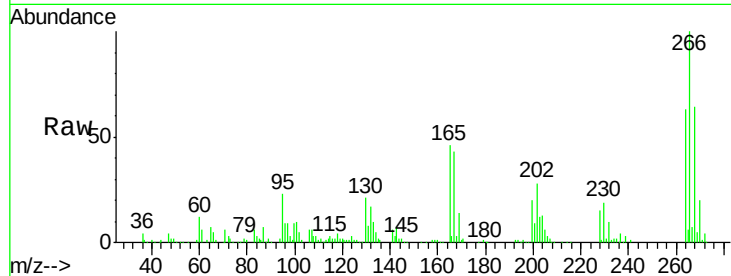
#69
 Pentachlorophenol
 Concen: 86.92 ng
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Instrument :
 BNA_G
 ClientSampleId :
 PB89789BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	131398		
268	63.7	54.5	81.7	
264	62.8	53.8	80.6	

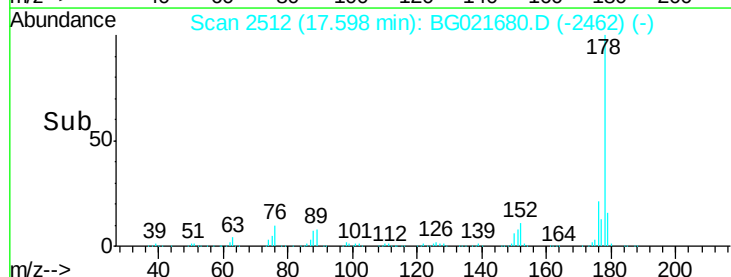
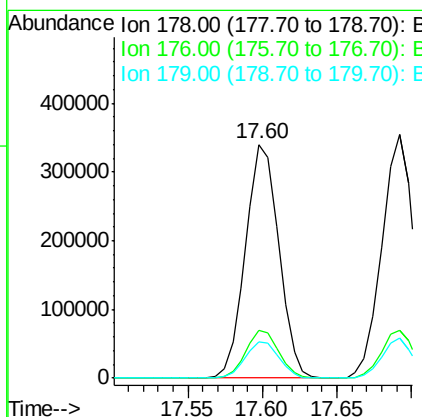
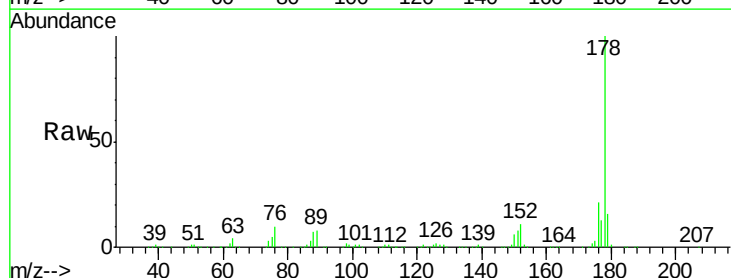
Manual Integrations
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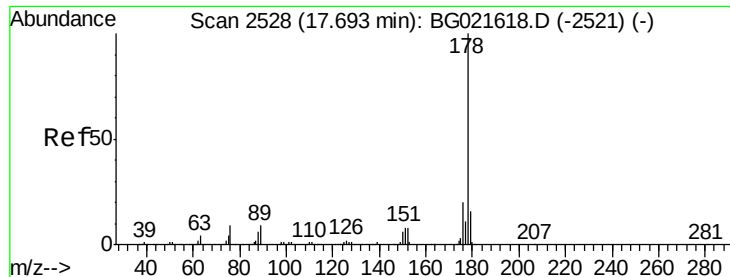
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#70
 Phenanthrene
 Concen: 40.73 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	525545		
176	20.6	16.2	24.4	
179	15.7	12.0	18.0	





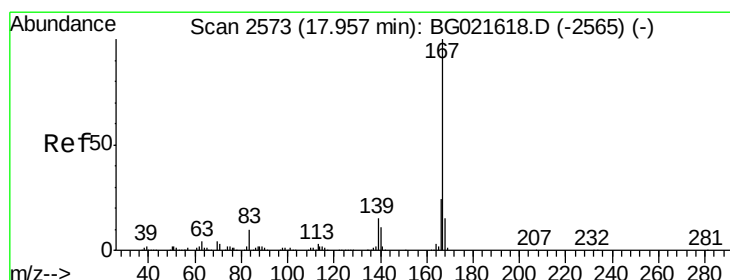
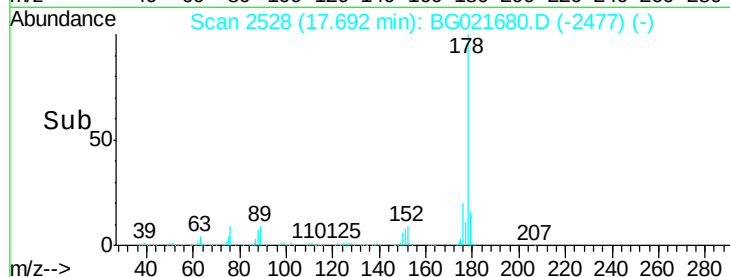
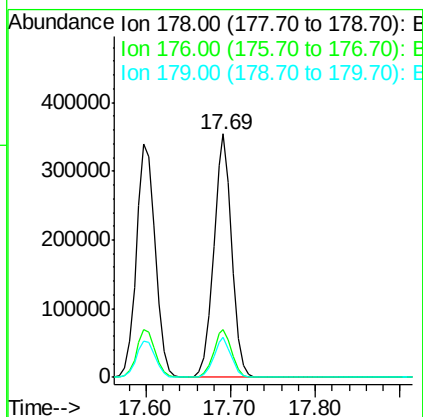
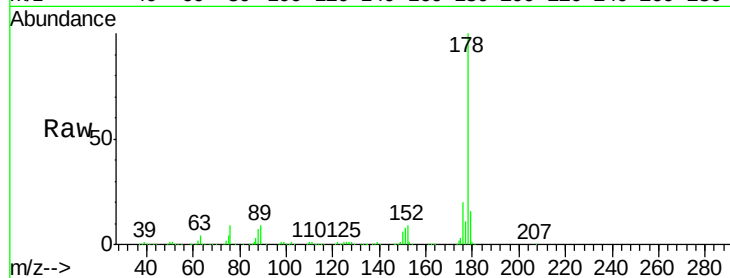
#71
 Anthracene
 Concen: 40.47 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Instrument :
 BNA_G
 ClientSampleId :
 PB89789BS

Tgt Ion:	178	Resp:	530036
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.0	22.4
179	16.3	12.2	18.4

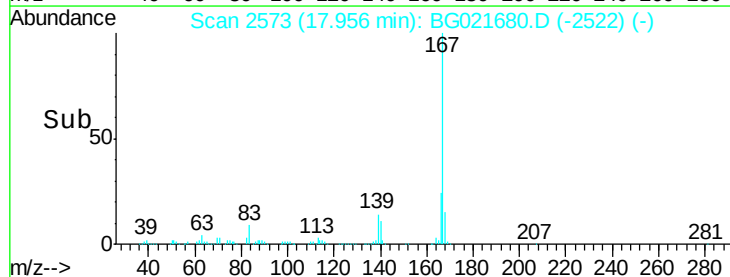
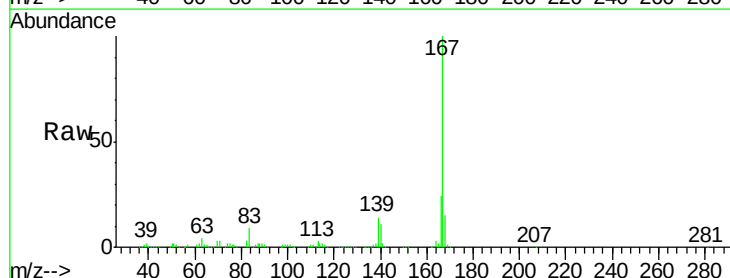
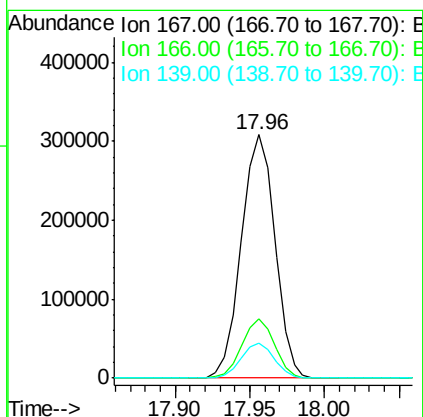
Manual Integrations
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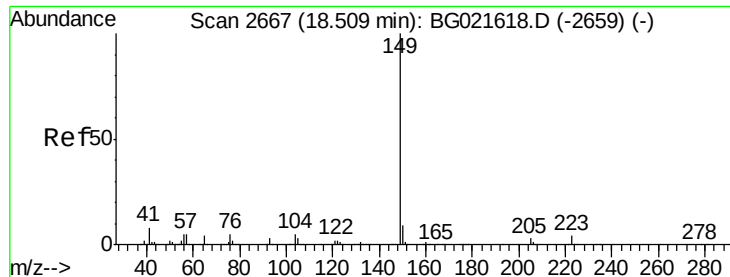
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#72
 Carbazole
 Concen: 39.38 ng
 RT: 17.96 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Tgt Ion:	167	Resp:	481399
Ion Ratio	Lower	Upper	
167	100		
166	24.3	18.6	27.8
139	14.1	10.6	15.8





#73

Di-n-butylphthalate

Concen: 38.14 ng

RT: 18.50 min Scan# 2665

Delta R.T. -0.01 min

Lab File: BG021680.D

Acq: 15 Apr 2016 10:03

Instrument :

BNA_G

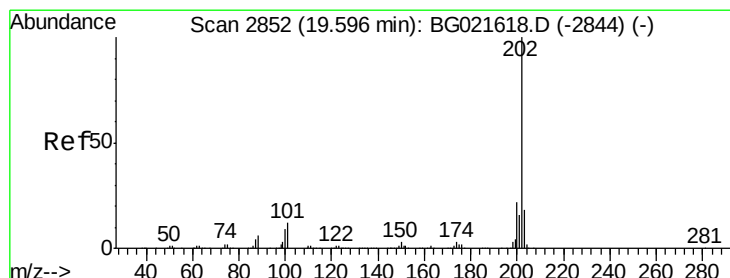
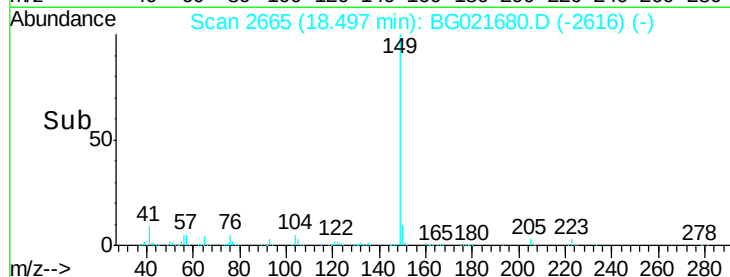
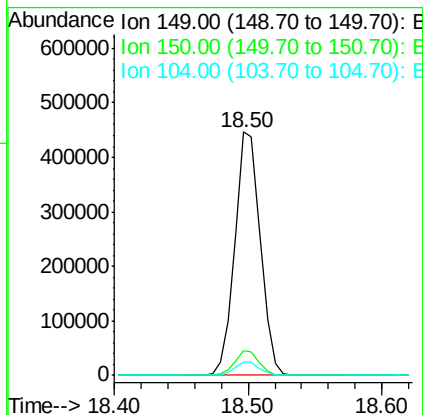
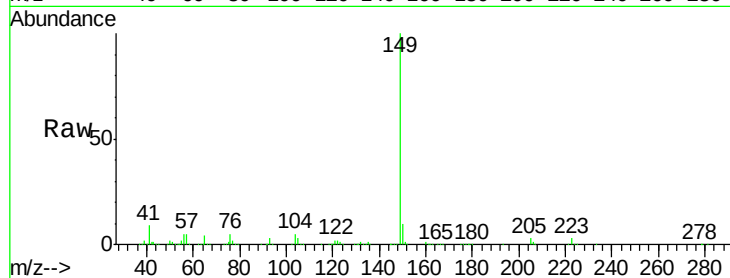
ClientSampleId :

PB89789BS

Tgt Ion:	149	Resp:	593175
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.4	11.0
104	5.4	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 38.68 ng

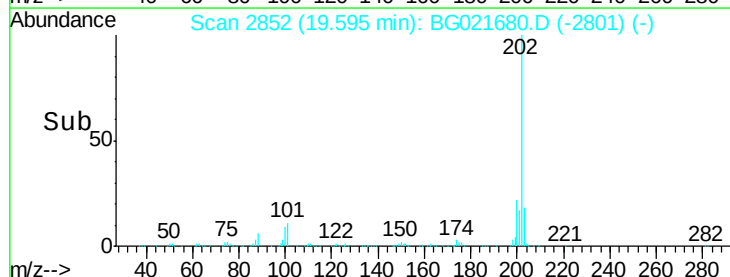
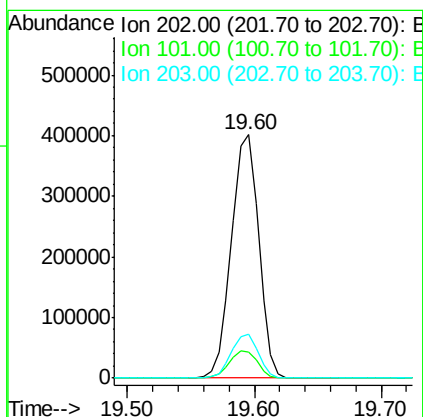
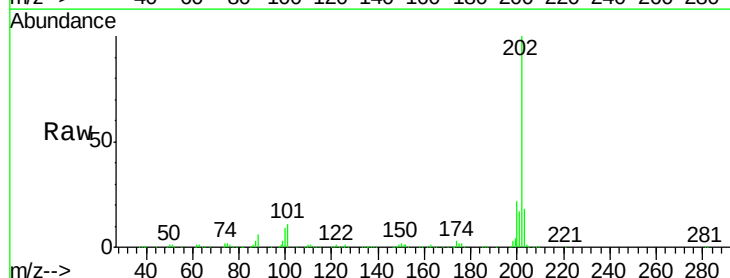
RT: 19.60 min Scan# 2852

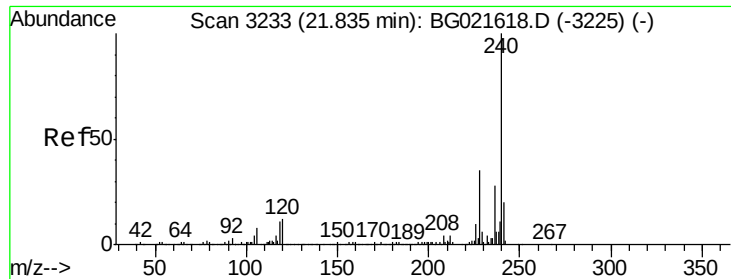
Delta R.T. -0.00 min

Lab File: BG021680.D

Acq: 15 Apr 2016 10:03

Tgt Ion:	202	Resp:	595893
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	31.0
203	17.9	0.0	37.9





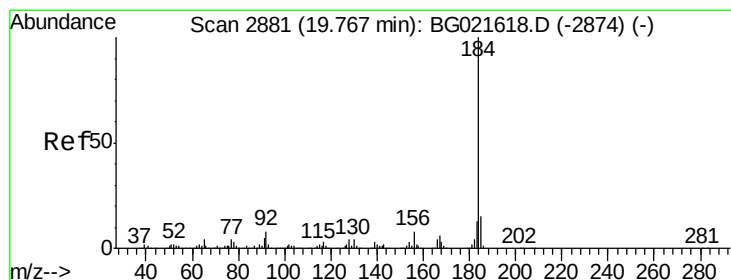
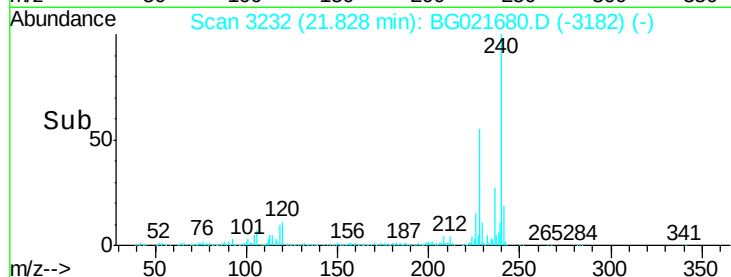
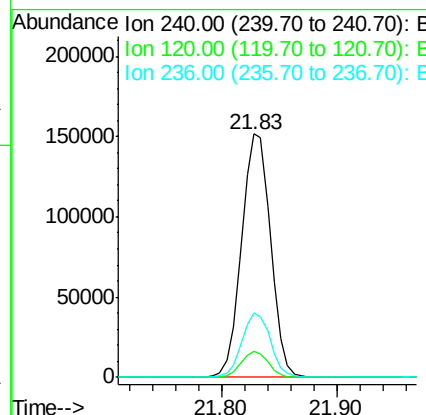
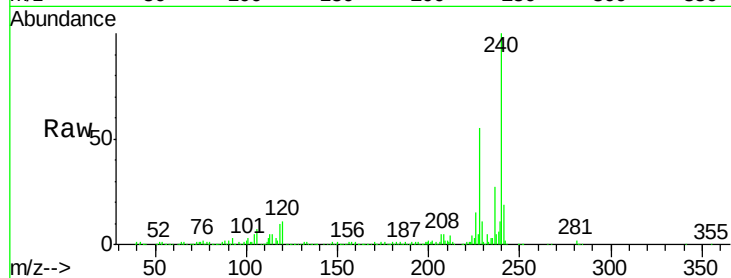
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Instrument :
BNA_G
ClientSampleId :
PB89789BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.8	8.4	12.6
236	26.5	19.6	29.4

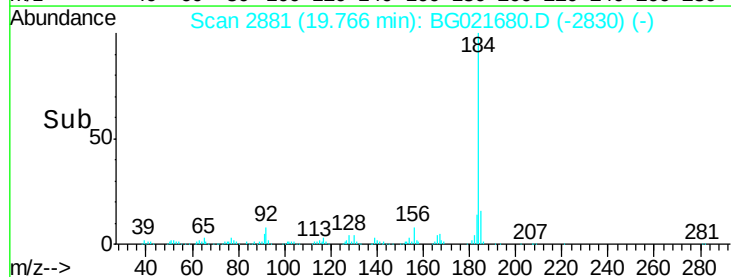
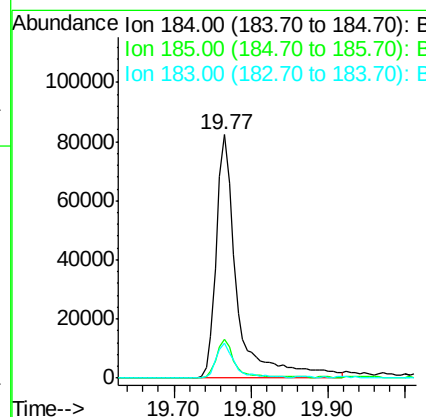
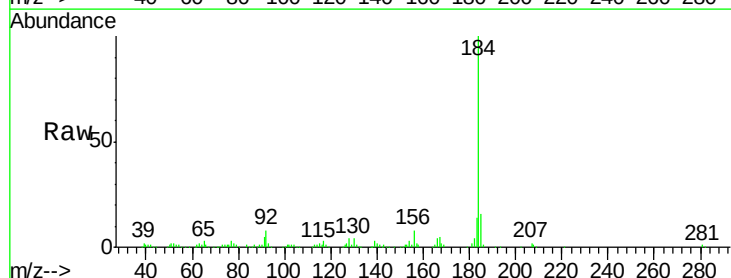
Manual Integrations
APPROVED

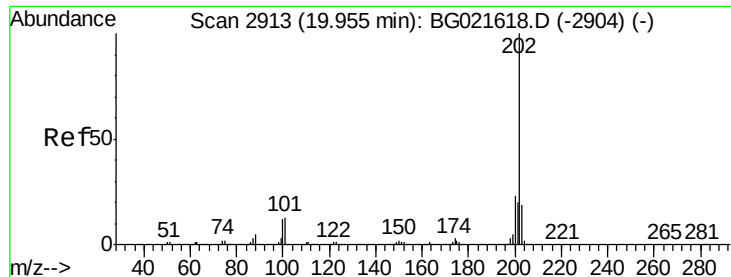
Sohil
4/15/2016 4:44:57 PM



#76
Benzidine
Concen: 18.88 ng
RT: 19.77 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	15.7	11.5	17.3
183	14.1	10.2	15.4





#77

Pyrene

Concen: 40.40 ng

RT: 19.95 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG021680.D

Acq: 15 Apr 2016 10:03

Instrument :

BNA_G

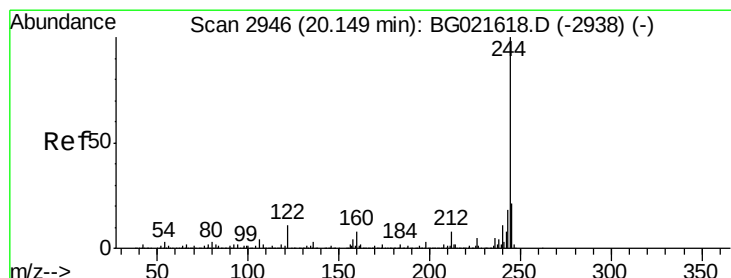
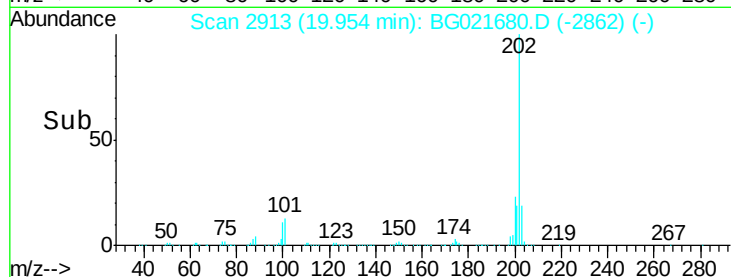
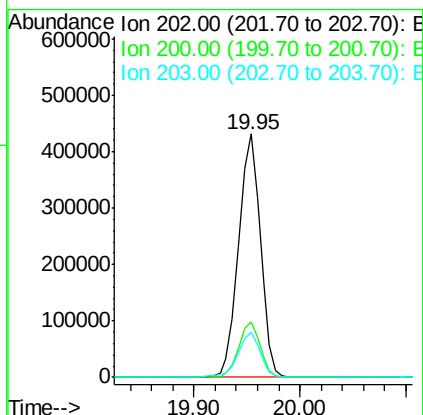
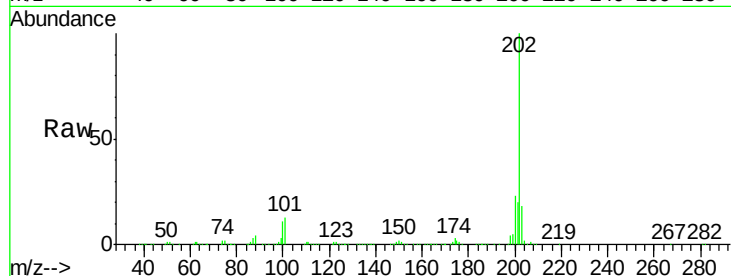
ClientSampleId :

PB89789BS

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		613344		
200	23.0		18.2	27.2	
203	18.5		15.0	22.4	

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#78

Terphenyl-d14

Concen: 77.93 ng

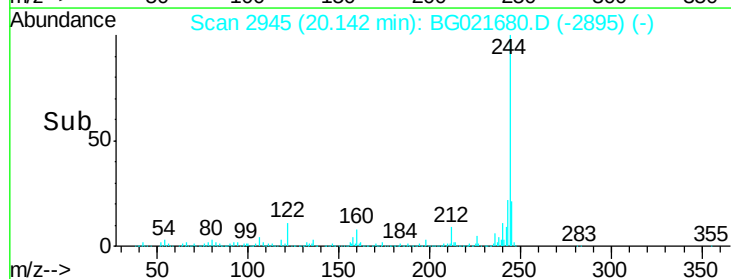
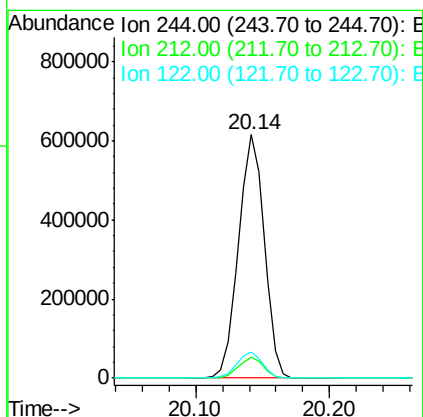
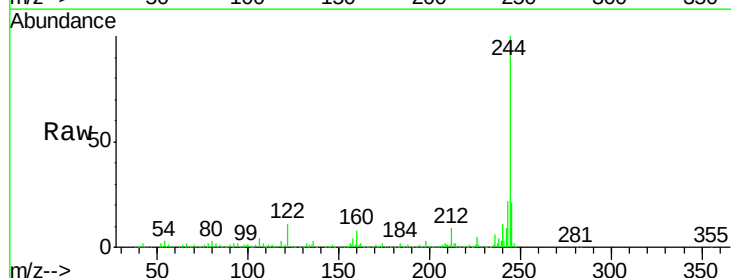
RT: 20.14 min Scan# 2945

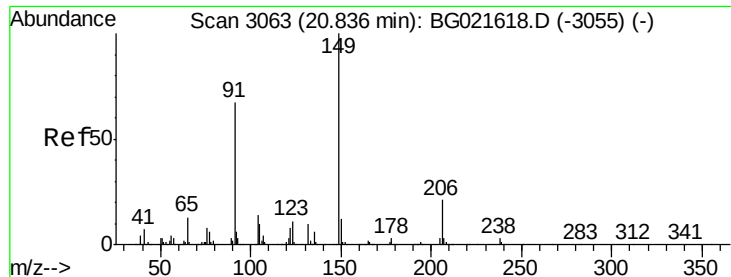
Delta R.T. -0.01 min

Lab File: BG021680.D

Acq: 15 Apr 2016 10:03

Tgt	Ion	Ratio	Resp	Lower	Upper
244	100		822210		
212	8.7		6.5	9.7	
122	10.9		8.6	12.8	





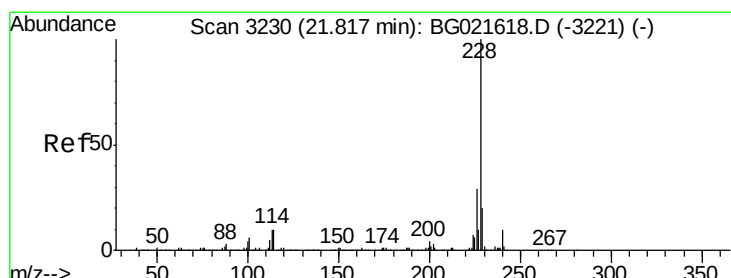
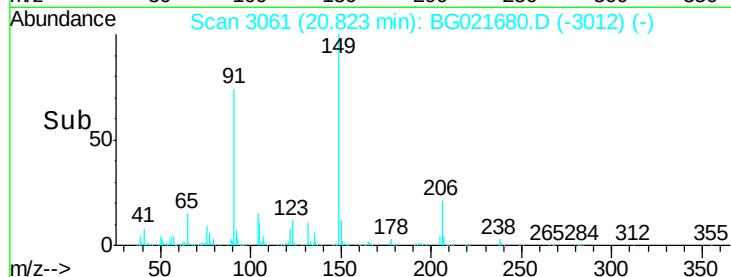
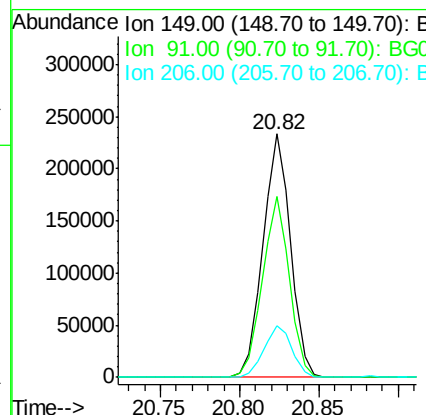
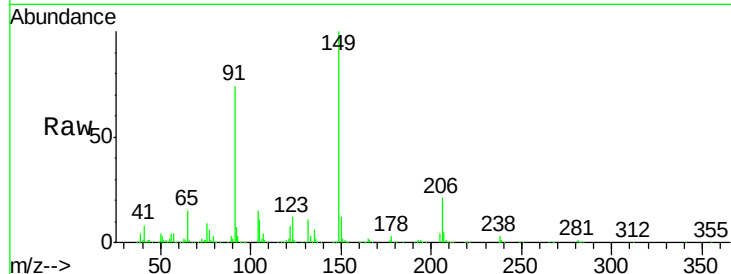
#79
Butylbenzylphthalate
Concen: 40.22 ng
RT: 20.82 min Scan# 3061
Delta R.T. -0.01 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Instrument :
BNA_G
ClientSampleId :
PB89789BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	74.0	57.8	86.8
206	21.2	17.0	25.4

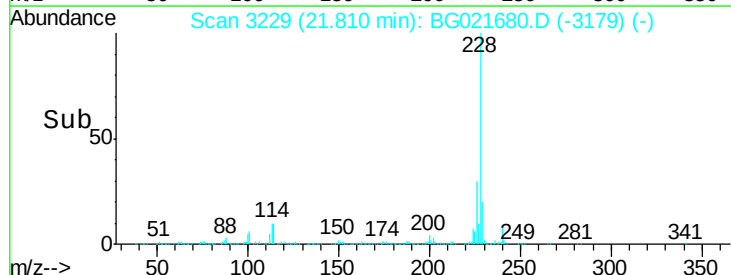
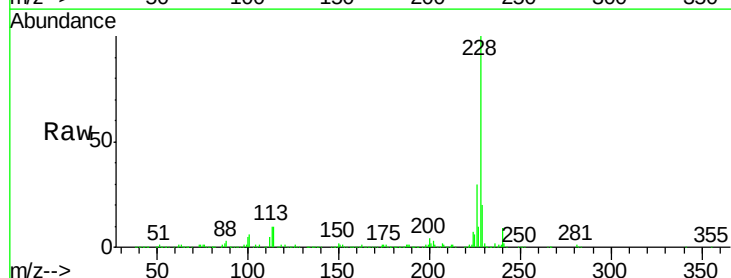
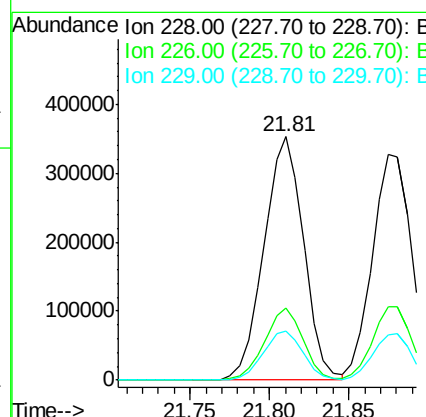
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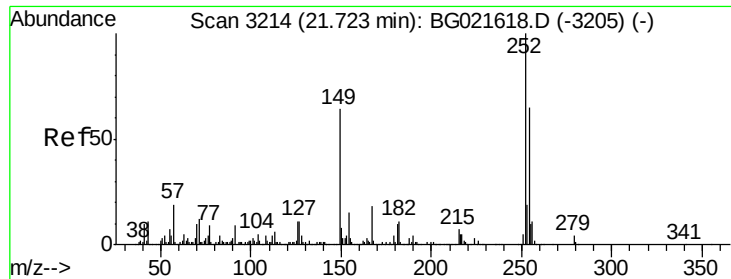
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#80
Benzo(a)anthracene
Concen: 40.54 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.01 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.7	22.6	34.0
229	20.0	16.1	24.1





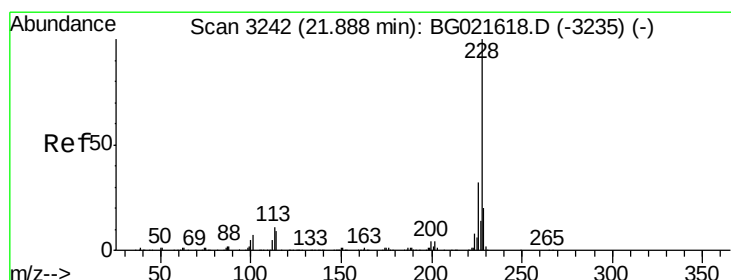
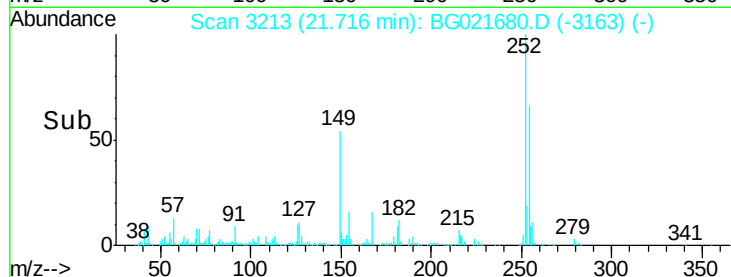
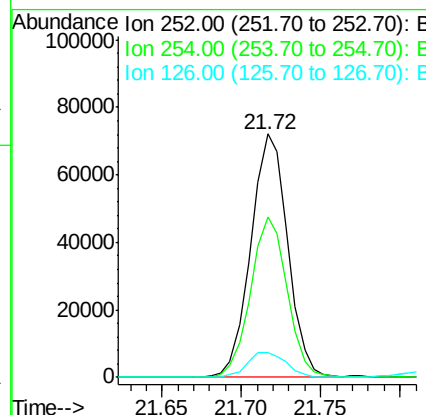
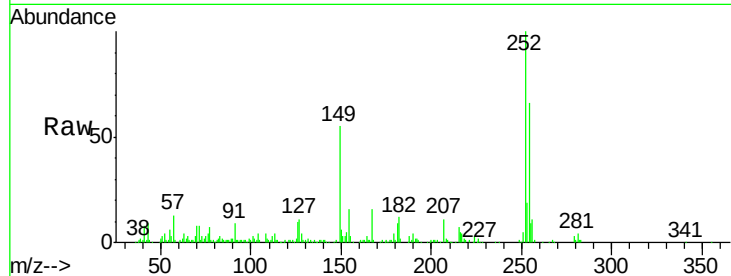
#81
 3,3'-Dichlorobenzidine
 Concen: 9.72 ng
 RT: 21.72 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Instrument :
 BNA_G
 ClientSampled :
 PB89789BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	116517		
254	65.7	51.8	77.6	
126	10.4	8.8	13.2	

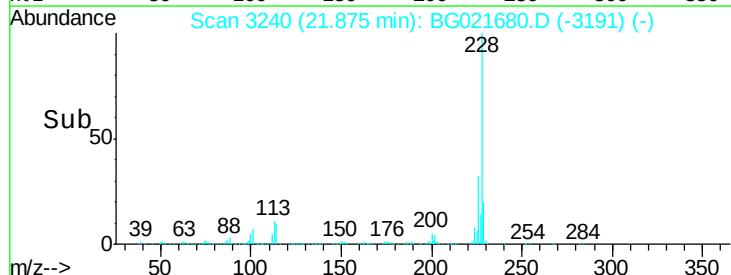
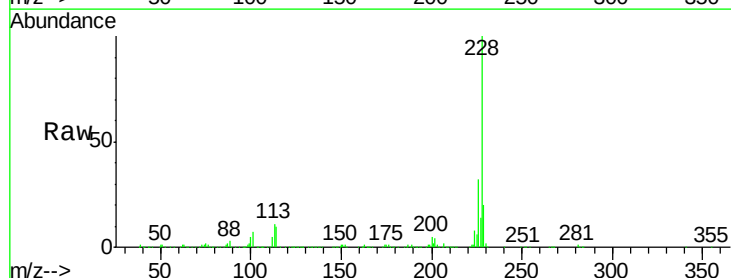
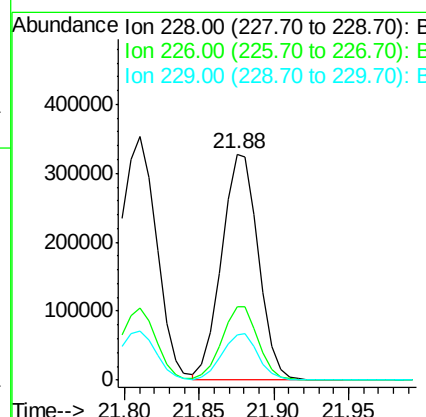
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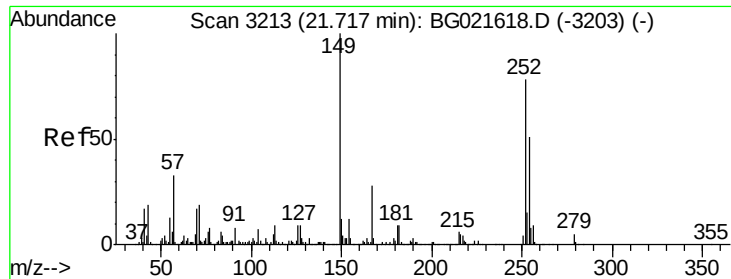
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#82
 Chrysene
 Concen: 38.73 ng
 RT: 21.88 min Scan# 3240
 Delta R.T. -0.01 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	563822		
226	32.5	25.4	38.0	
229	20.2	15.9	23.9	





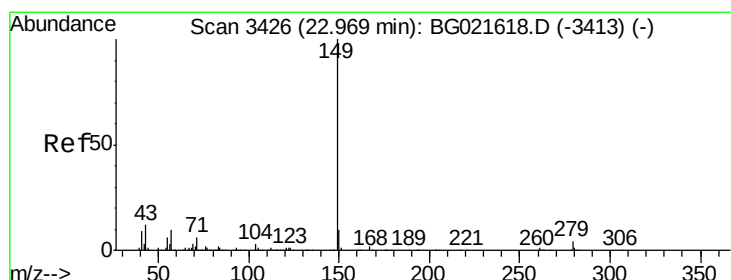
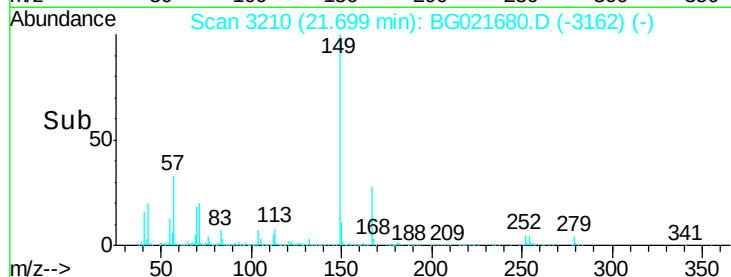
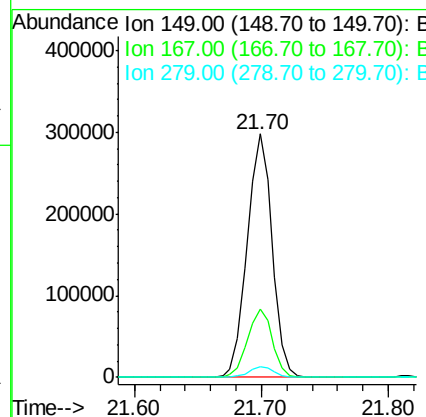
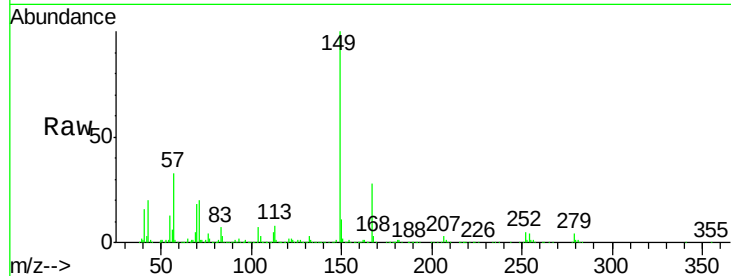
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.20 ng
 RT: 21.70 min Scan# 3210
 Delta R.T. -0.02 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Instrument :
 BNA_G
 ClientSampleId :
 PB89789BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	27.8	22.4	33.6
279	4.5	3.2	4.8

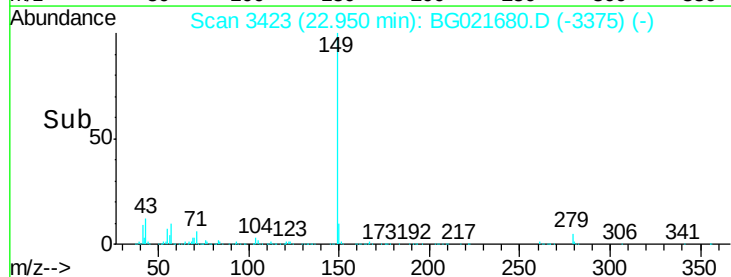
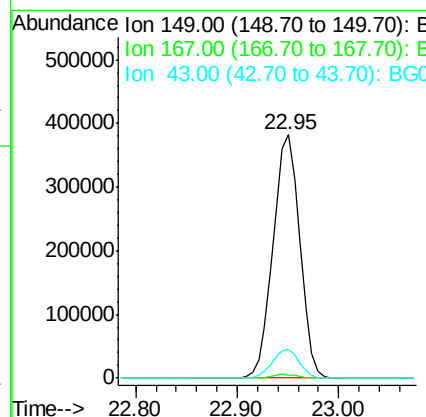
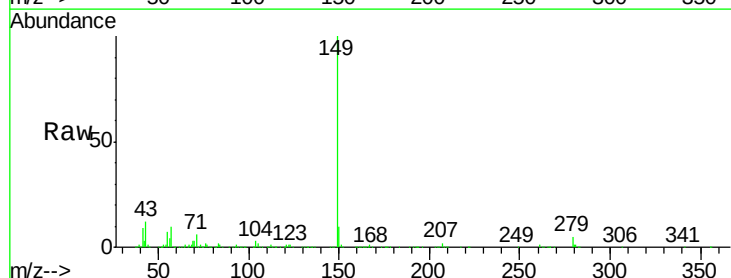
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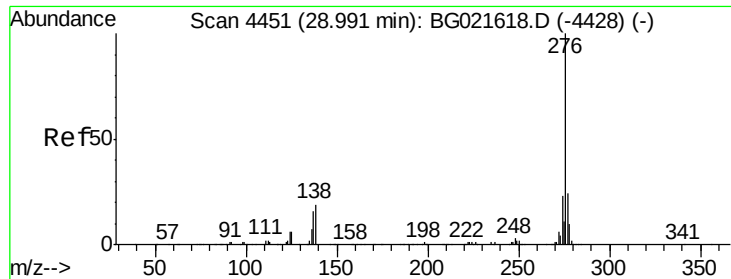
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#84
 Di-n-octyl phthalate
 Concen: 40.68 ng
 RT: 22.95 min Scan# 3423
 Delta R.T. -0.02 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.3	1.9
43	11.7	9.8	14.6





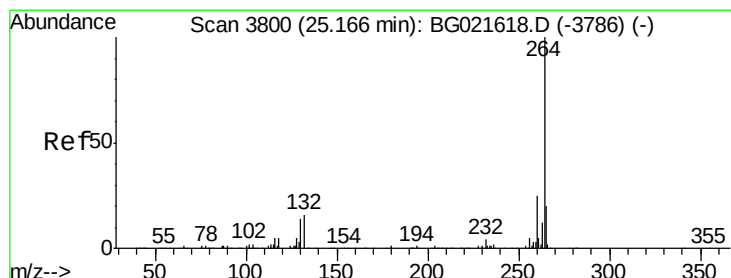
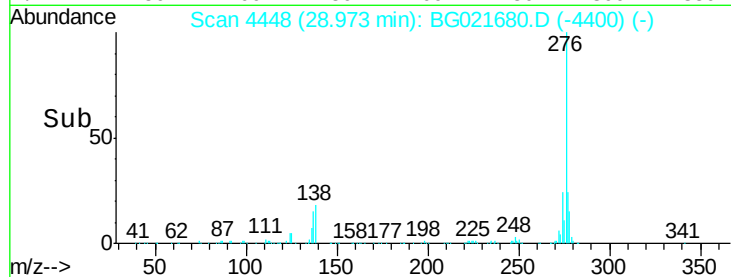
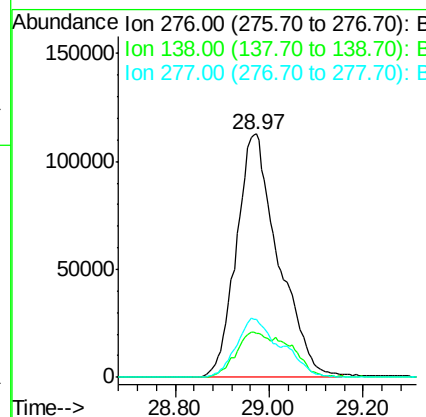
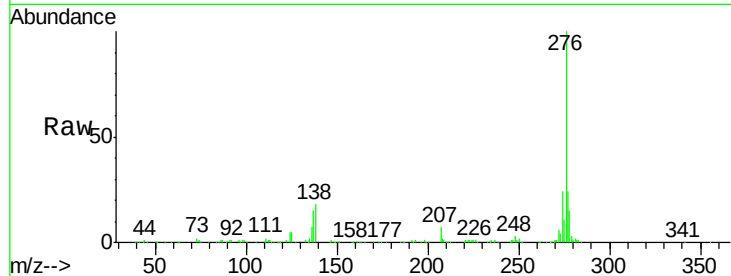
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.43 ng
 RT: 28.97 min Scan# 4448
 Delta R.T. -0.02 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Instrument :
 BNA_G
 ClientSampleId :
 PB89789BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	14.0	14.0	21.0
277	20.5	20.6	30.8#

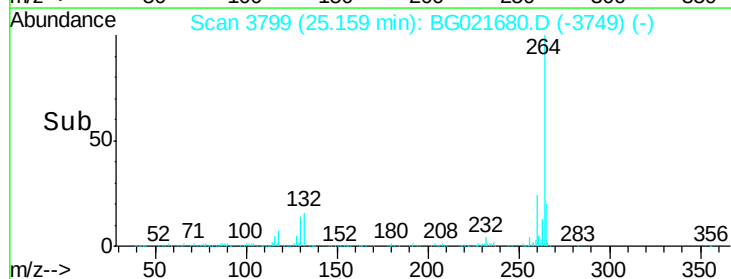
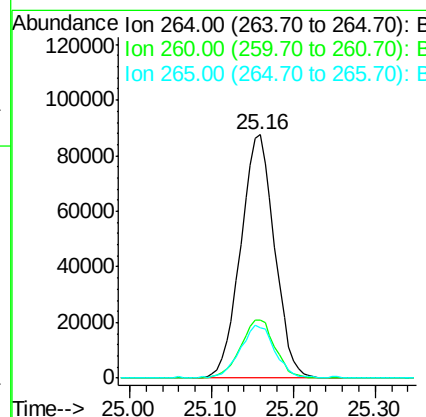
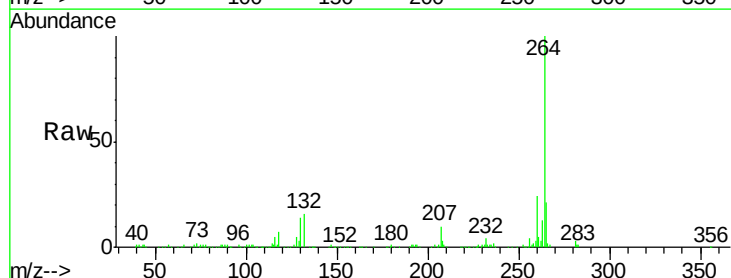
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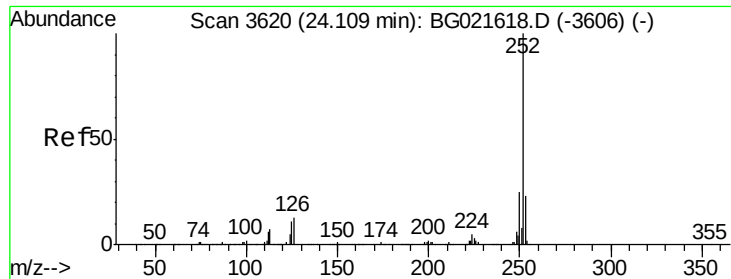
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.16 min Scan# 3799
 Delta R.T. -0.01 min
 Lab File: BG021680.D
 Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.0	20.2	30.4
265	20.7	17.8	26.8





#87

Benzo(b)fluoranthene

Concen: 41.79 ng

RT: 24.10 min Scan# 3619

Delta R.T. -0.01 min

Lab File: BG021680.D

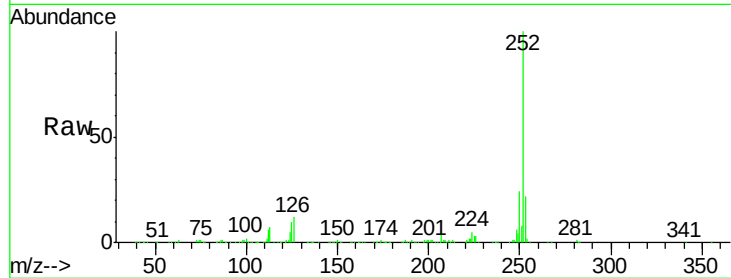
Acq: 15 Apr 2016 10:03

Instrument :

BNA_G

ClientSampleId :

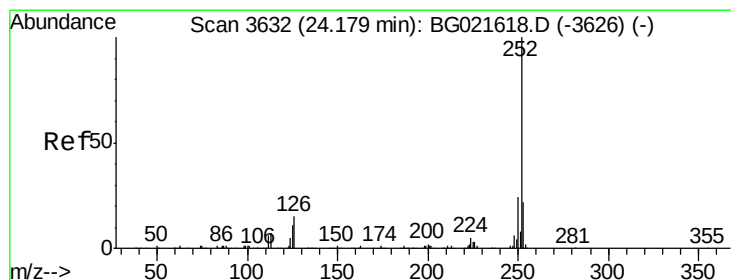
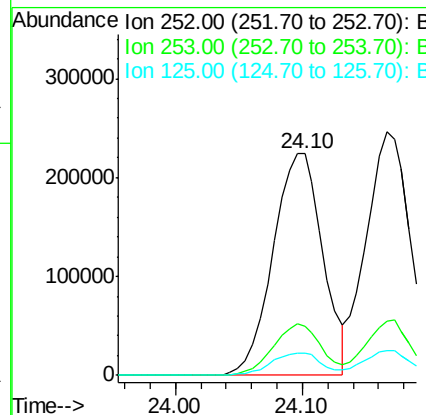
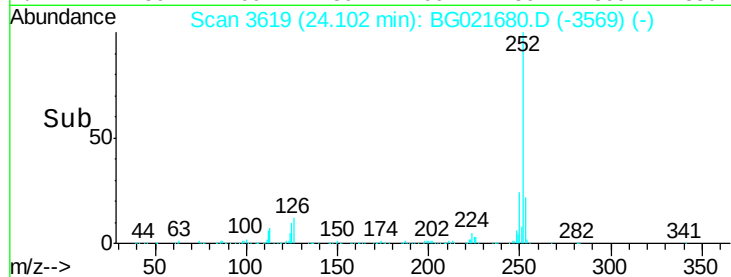
PB89789BS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.8	8.6	13.0

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#88

Benzo(k)fluoranthene

Concen: 41.70 ng

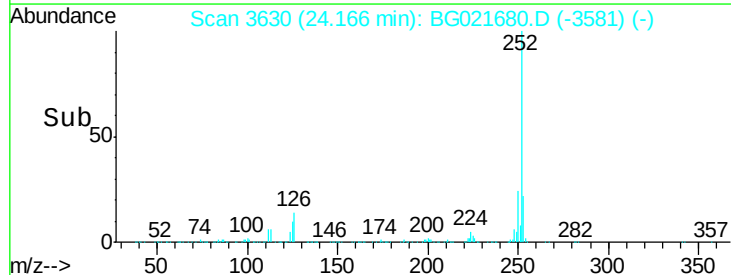
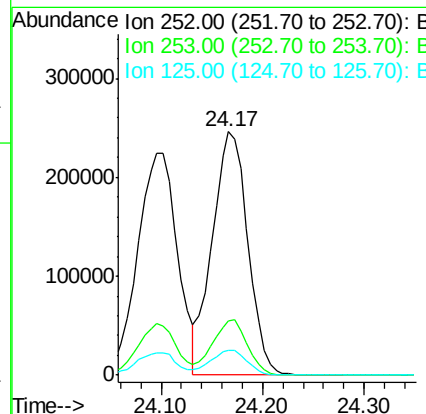
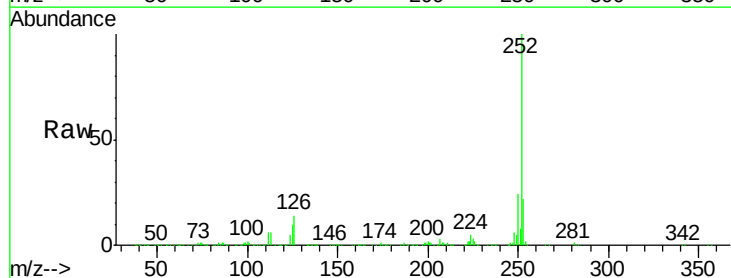
RT: 24.17 min Scan# 3630

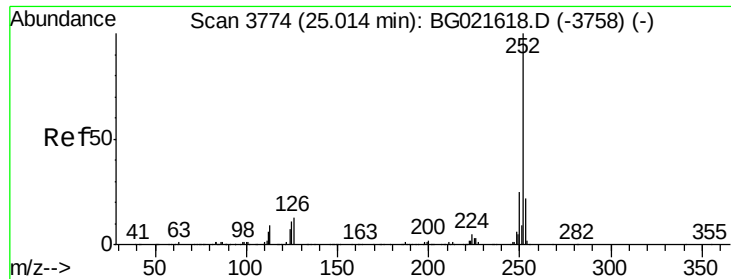
Delta R.T. -0.01 min

Lab File: BG021680.D

Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	10.2	8.3	12.5





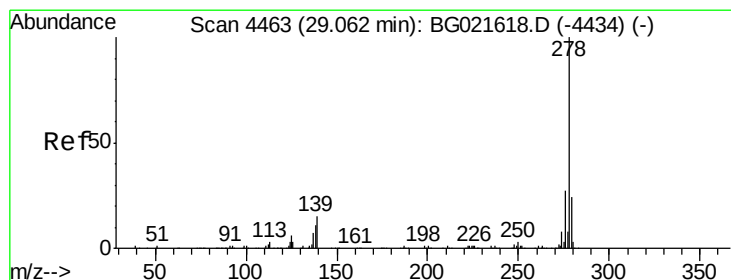
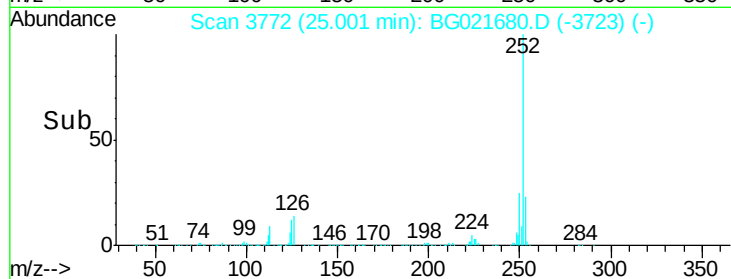
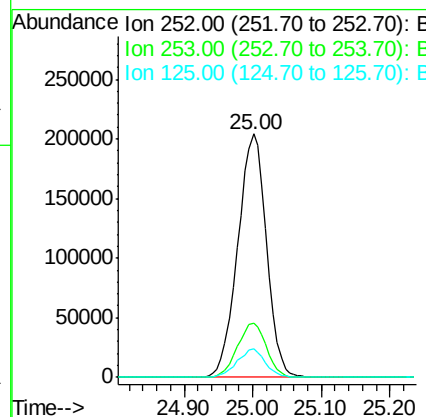
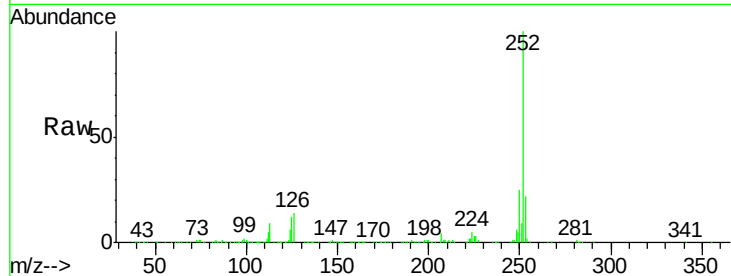
#89
Benzo(a)pyrene
Concen: 41.79 ng
RT: 25.00 min Scan# 3772
Delta R.T. -0.01 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Instrument :
BNA_G
ClientSampleId :
PB89789BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.5	17.1	25.7
125	11.5	9.6	14.4

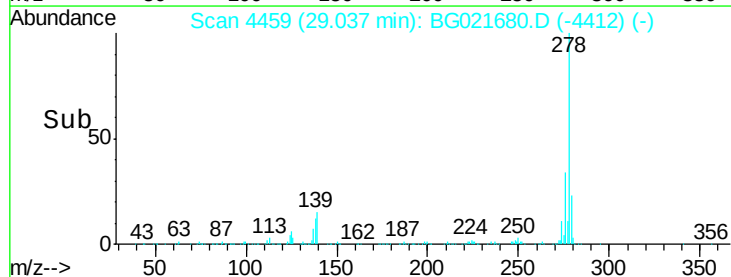
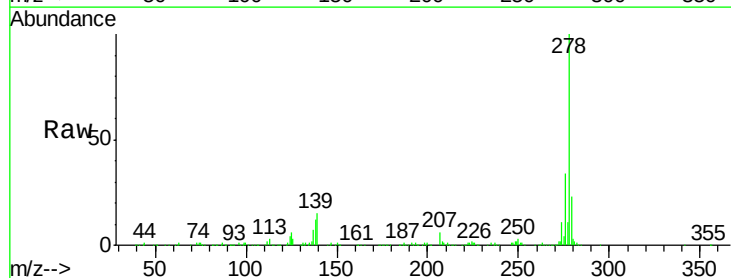
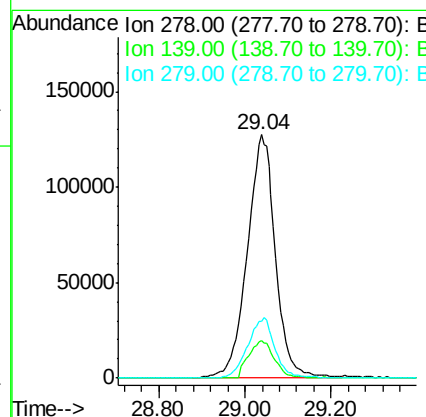
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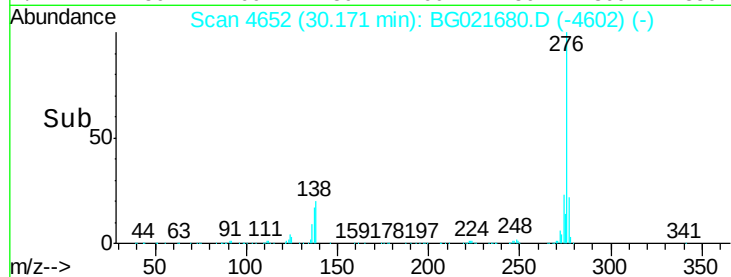
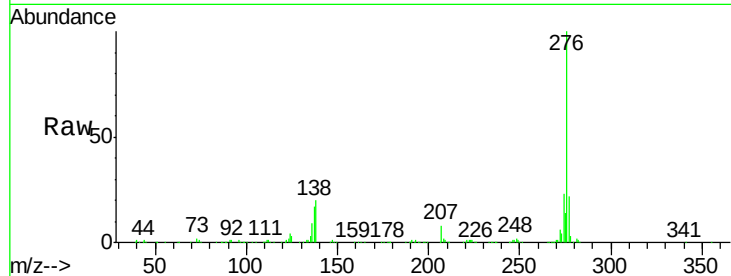
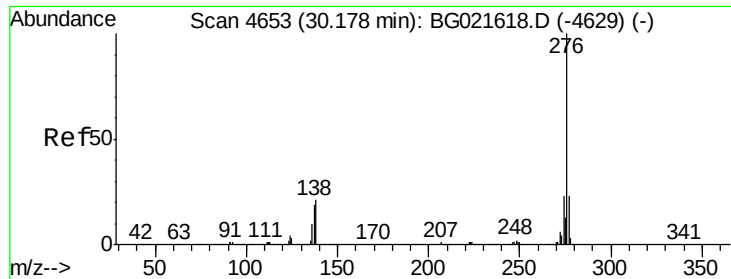
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#90
Dibenzo(a,h)anthracene
Concen: 41.50 ng
RT: 29.04 min Scan# 4459
Delta R.T. -0.02 min
Lab File: BG021680.D
Acq: 15 Apr 2016 10:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	15.5	11.9	17.9
279	23.4	18.2	27.2





#91

Benzo(g,h,i)perylene

Concen: 41.08 ng

RT: 30.17 min Scan# 4652

Delta R.T. -0.01 min

Lab File: BG021680.D

Acq: 15 Apr 2016 10:03

Tgt Ion:	276	Resp:	572830
Ion Ratio	Lower	Upper	
276	100		
277	22.2	19.4	29.2
138	20.3	17.4	26.0

Instrument :

BNA_G

ClientSampleId :

PB89789BS

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