

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
 Data File : BG021632.D
 Acq On : 13 Apr 2016 22:11
 Operator : UM/SJ
 Sample : PB89734BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BSD

Manual Integrations
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Sohil
 4/14/2016 5:29:59 PM

Quant Time: Apr 14 11:12:44 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	8.22	152	27356	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	125290	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	81299	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	203475	20.00	ng	0.00
75) Chrysene-d12	21.83	240	226449	20.00	ng	0.00
86) Perylene-d12	25.16	264	218439	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.76	112	141954	86.41	ng	0.00
7) Phenol-d6	7.36	99	207910	84.73	ng	0.00
23) Nitrobenzene-d5	9.38	82	179222	73.52	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	75887	86.61	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	425153	76.62	ng	0.00
78) Terphenyl-d14	20.15	244	678526	74.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.64	88	23536	32.19	ng	90
3) Pyridine	4.04	79	70968	32.34	ng	91
4) n-Nitrosodimethylamine	3.95	42	38582	35.48	ng	# 86
6) Aniline	7.54	93	36579	11.27	ng	94
8) 2-Chlorophenol	7.78	128	79189	40.21	ng	97
9) Benzaldehyde	7.35	77	20632	14.54	ng	94
10) Phenol	7.38	94	110790	41.98	ng	97
11) bis(2-Chloroethyl)ether	7.63	93	75185	35.59	ng	93
12) 1,3-Dichlorobenzene	8.11	146	78660	35.77	ng	96
13) 1,4-Dichlorobenzene	8.25	146	80807	36.09	ng	97
14) 1,2-Dichlorobenzene	8.58	146	77423	36.04	ng	97
15) Benzyl Alcohol	8.45	79	78389	41.80	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.75	45	149672	33.08	ng	99
17) 2-Methylphenol	8.65	107	74979	41.09	ng	93
18) Hexachloroethane	9.31	117	29200	35.83	ng	# 76
19) n-Nitroso-di-n-propylamine	9.02	70	67579	35.44	ng	96
20) 3+4-Methylphenols	8.97	107	103532	41.46	ng	97
22) Acetophenone	9.04	105	122567	35.12	ng	# 97
24) Nitrobenzene	9.43	77	95163	36.46	ng	98
25) Isophorone	9.95	82	185595	34.79	ng	99
26) 2-Nitrophenol	10.14	139	37691	37.83	ng	93
27) 2,4-Dimethylphenol	10.19	122	91564	40.45	ng	97
28) bis(2-Chloroethoxy)methane	10.43	93	110391	38.94	ng	95
29) 2,4-Dichlorophenol	10.67	162	82285	42.64	ng	98
30) 1,2,4-Trichlorobenzene	10.89	180	76077	36.66	ng	90
31) Naphthalene	11.09	128	245216	36.57	ng	# 94
32) Benzoic acid	10.29	122	52262m	42.14	ng	
33) 4-Chloroaniline	11.19	127	20855	7.18	ng	98
34) Hexachlorobutadiene	11.37	225	46418	34.68	ng	98
35) Caprolactam	11.94	113	34850m	39.46	ng	
36) 4-Chloro-3-methylphenol	12.28	107	101167	41.69	ng	99
37) 2-Methylnaphthalene	12.67	142	184352	40.05	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	90921	35.79	ng	# 98
40) Hexachlorocyclopentadiene	13.01	237	117988	83.60	ng	99

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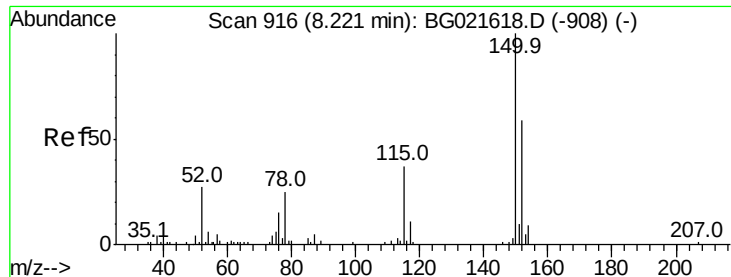
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	65353	40.34	ng	94
43) 2,4,5-Trichlorophenol	13.33	196	73801	42.21	ng	97
45) 1,1'-Biphenyl	13.67	154	245875	35.90	ng	98
46) 2-Chloronaphthalene	13.71	162	187418	37.01	ng	99
47) 2-Nitroaniline	13.90	65	71753	41.32	ng	95
48) Acenaphthylene	14.55	152	318726	38.07	ng	98
49) Dimethylphthalate	14.28	163	269495	38.34	ng	99
50) 2,6-Dinitrotoluene	14.39	165	56305	42.01	ng	99
51) Acenaphthene	14.89	154	220933	41.28	ng	97
52) 3-Nitroaniline	14.72	138	14388	9.68	ng	97
53) 2,4-Dinitrophenol	14.92	184	45080	86.74	ng	91
54) Dibenzofuran	15.22	168	309640	42.37	ng	98
55) 4-Nitrophenol	15.01	139	110894	87.13	ng	95
56) 2,4-Dinitrotoluene	15.17	165	81780	45.15	ng	98
57) Fluorene	15.87	166	257470	39.45	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.43	232	68094	46.94	ng	98
59) Diethylphthalate	15.63	149	283112	38.59	ng	98
60) 4-Chlorophenyl-phenylether	15.85	204	124246	38.64	ng	99
61) 4-Nitroaniline	15.87	138	63767	38.99	ng	96
62) Azobenzene	16.15	77	271058	43.11	ng	99
64) 4,6-Dinitro-2-methylphenol	15.93	198	31127	38.00	ng	93
65) n-Nitrosodiphenylamine	16.06	169	235679	38.62	ng	97
66) 4-Bromophenyl-phenylether	16.74	248	81089	37.20	ng	98
67) Hexachlorobenzene	16.86	284	85334	37.08	ng	97
68) Atrazine	17.00	200	86746	36.00	ng	98
69) Pentachlorophenol	17.20	266	109604	83.42	ng	93
70) Phenanthrene	17.60	178	432195	38.54	ng	99
71) Anthracene	17.69	178	437814	38.46	ng	98
72) Carbazole	17.95	167	409677	38.56	ng	99
73) Di-n-butylphthalate	18.51	149	497924	36.84	ng	99
74) Fluoranthene	19.59	202	503880	37.63	ng	99
76) Benzidine	19.76	184	138980	19.71	ng	99
77) Pyrene	19.95	202	519422	39.78	ng	99
79) Butylbenzylphthalate	20.83	149	233852	38.58	ng	98
80) Benzo(a)anthracene	21.81	228	512968	39.36	ng	99
81) 3,3'-Dichlorobenzidine	21.72	252	79010	7.66	ng	99
82) Chrysene	21.88	228	468761	37.44	ng	99
83) Bis(2-ethylhexyl)phthalate	21.71	149	332038	37.45	ng	100
84) Di-n-octyl phthalate	22.96	149	577646	38.90	ng	99
85) Indeno(1,2,3-cd)pyrene	28.98	276	571319	38.38	ng	98
87) Benzo(b)fluoranthene	24.10	252	508252	40.10	ng	99
88) Benzo(k)fluoranthene	24.17	252	486534	39.26	ng	99
89) Benzo(a)pyrene	25.01	252	487675	39.71	ng	98
90) Dibenzo(a,h)anthracene	29.05	278	483624	39.28	ng	99
91) Benzo(g,h,i)perylene	30.17	276	471632	39.03	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.22 min Scan# 916

Delta R.T. -0.00 min

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ClientSampleId :

PB89734BSD

Tot Ion:152 Resp: 27356

Ion Ratio Lower Upper

152 100

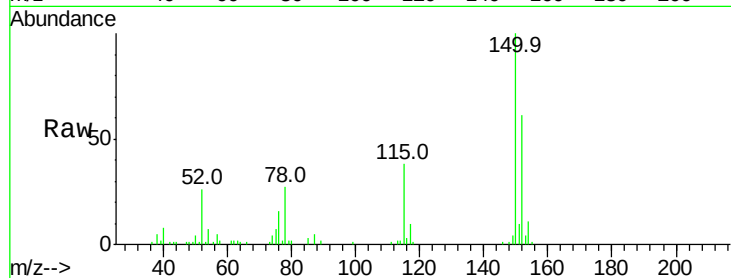
150 162.9 130.1 195.1

115 62.4 62.2 93.2

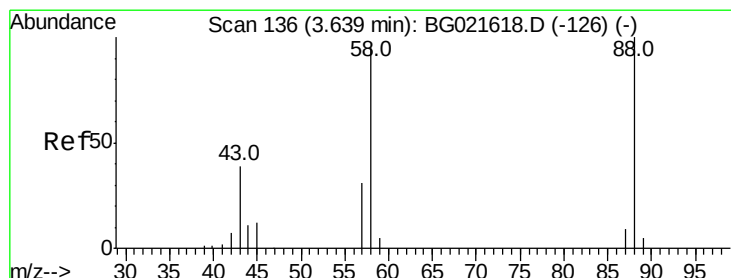
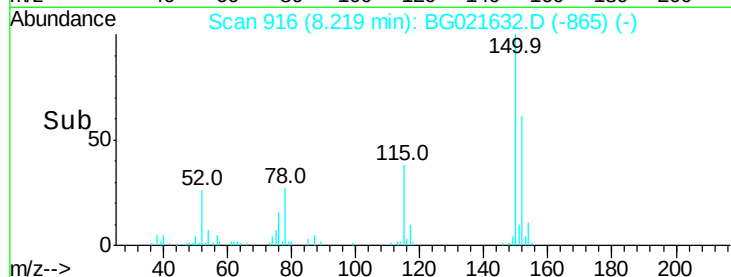
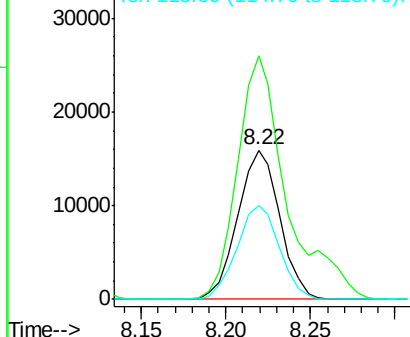
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.19 ng

RT: 3.64 min Scan# 136

Delta R.T. -0.00 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

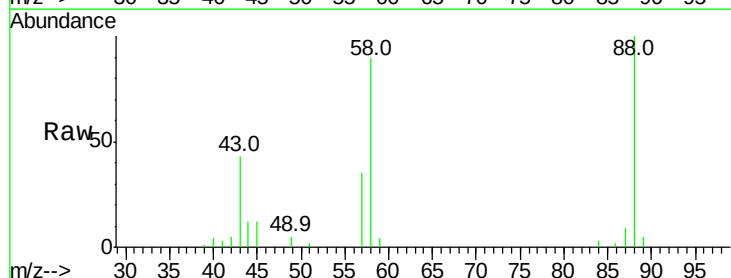
Tgt Ion: 88 Resp: 23536

Ion Ratio Lower Upper

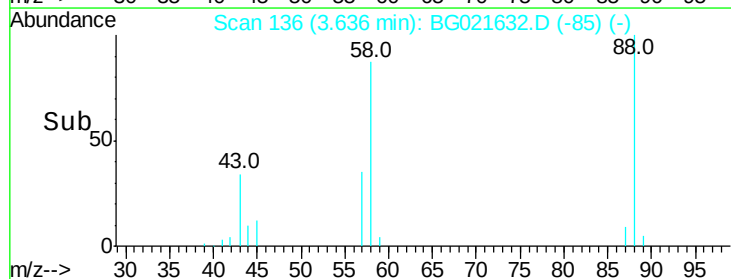
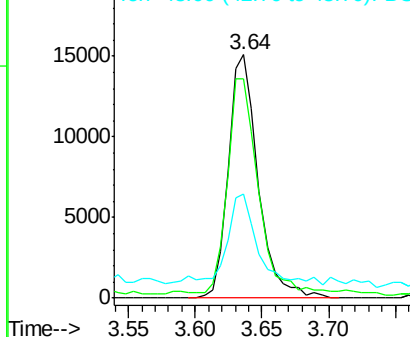
88 100

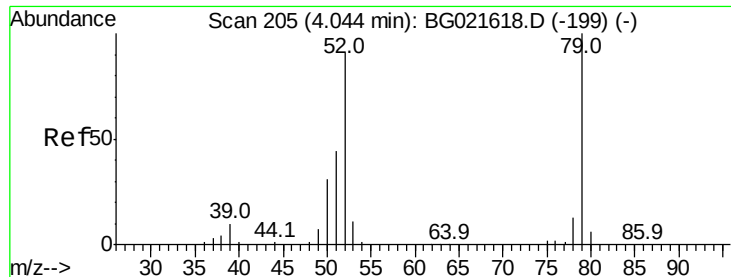
58 88.3 61.8 92.8

43 31.7 27.3 40.9



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.34 ng

RT: 4.04 min Scan# 204

Delta R.T. -0.01 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Instrument :

BNA_G

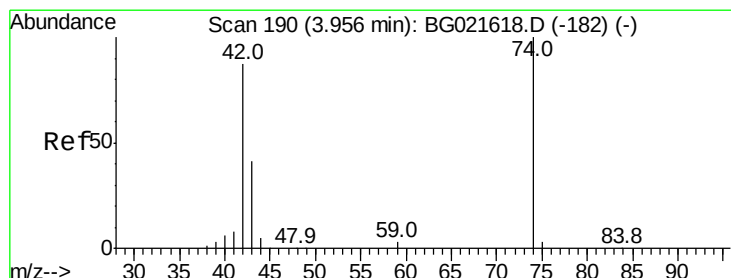
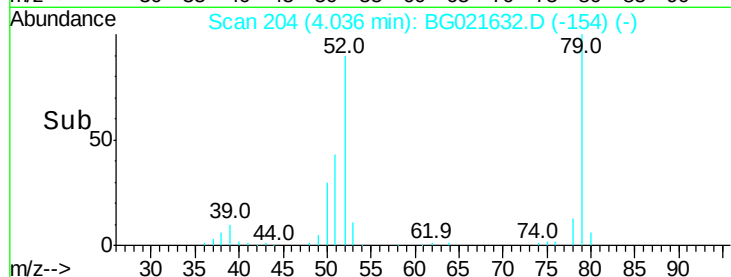
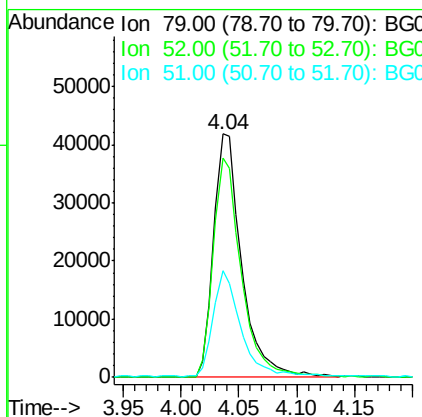
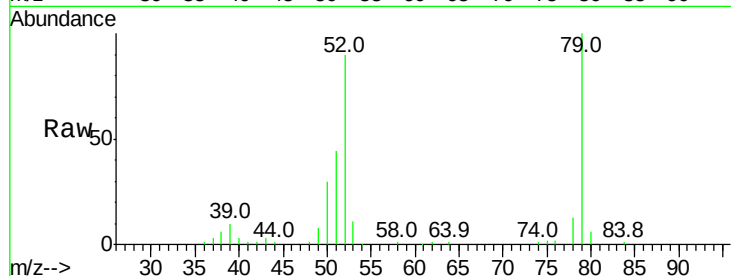
ClientSampleId :

PB89734BSD

Tot Ion:	79	Resp:	70968
Ion	Ratio	Lower	Upper
79	100		
52	90.2	77.2	115.8
51	43.7	42.5	63.7

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#4

n-Nitrosodimethylamine

Concen: 35.48 ng

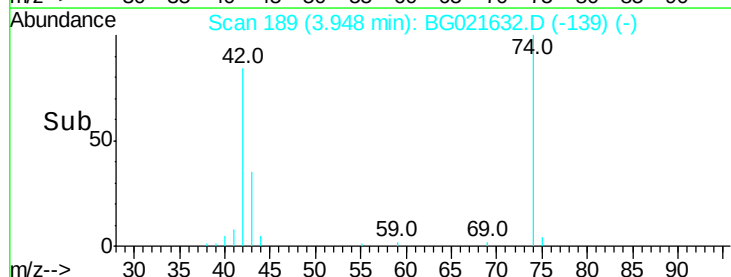
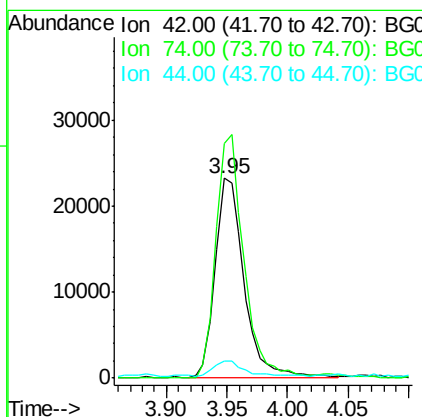
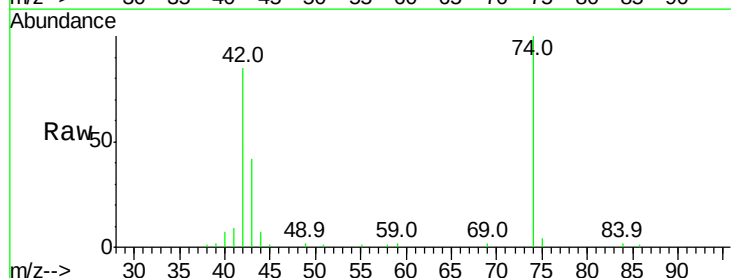
RT: 3.95 min Scan# 189

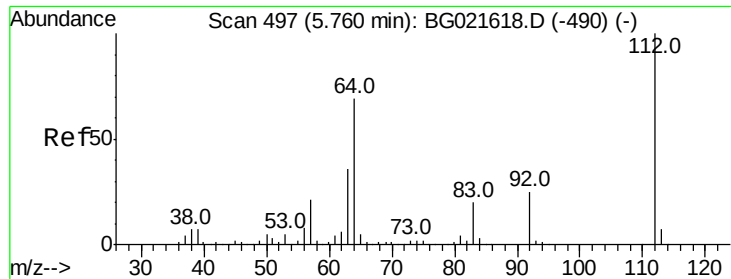
Delta R.T. -0.01 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Tgt Ion:	42	Resp:	38582
Ion	Ratio	Lower	Upper
42	100		
74	117.7	83.0	124.4
44	8.8	11.0	16.6#





#5

2-Fluorophenol

Concen: 86.41 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.00 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Instrument :

BNA_G

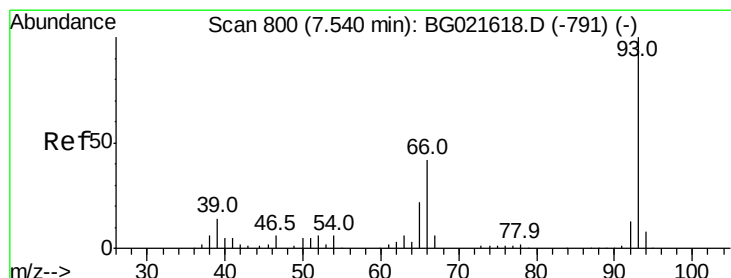
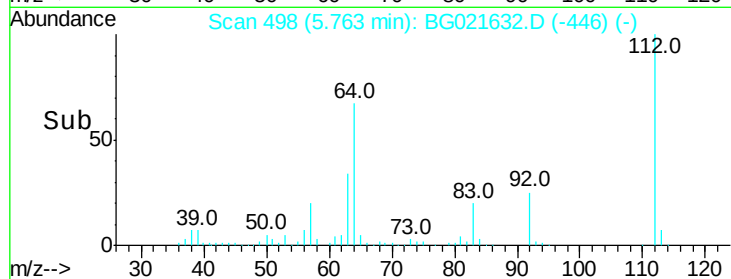
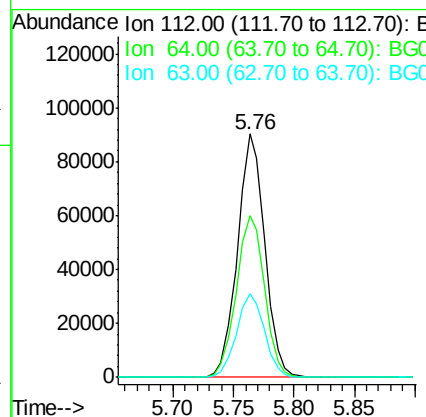
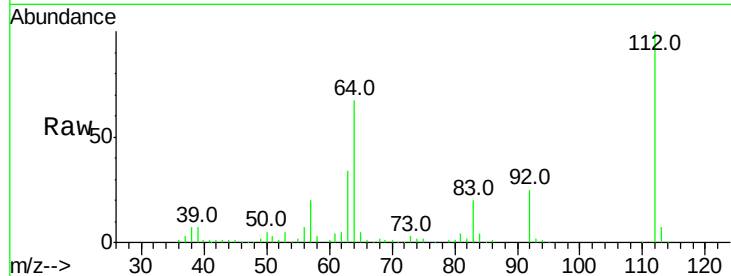
ClientSampleId :

PB89734BSD

Tot Ion:	112	Resp:	141954
Ion Ratio	Lower	Upper	
112	100		
64	66.7	51.1	76.7
63	34.2	24.6	37.0

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#6

Aniline

Concen: 11.27 ng

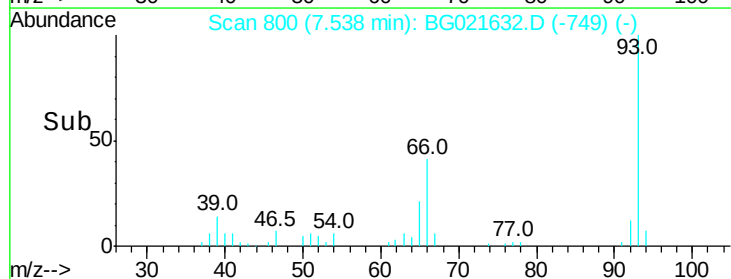
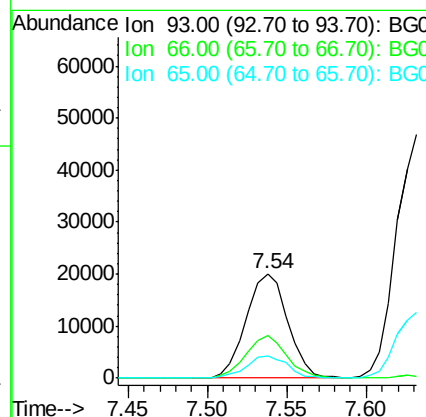
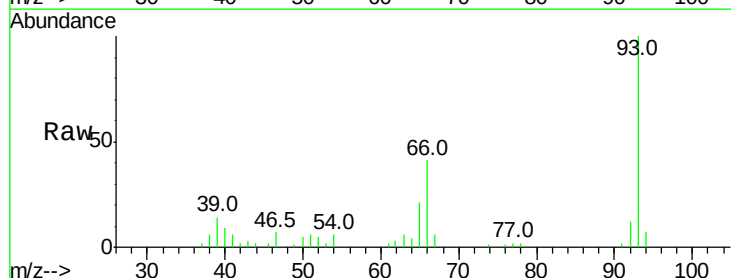
RT: 7.54 min Scan# 800

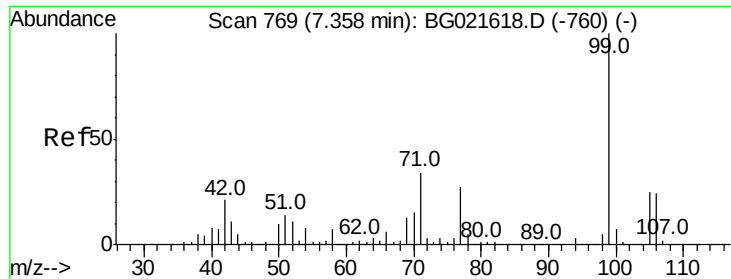
Delta R.T. -0.00 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Tgt Ion:	93	Resp:	36579
Ion Ratio	Lower	Upper	
93	100		
66	40.8	36.3	54.5
65	21.1	18.4	27.6





#7

Phenol-d6

Concen: 84.73 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Instrument :

BNA_G

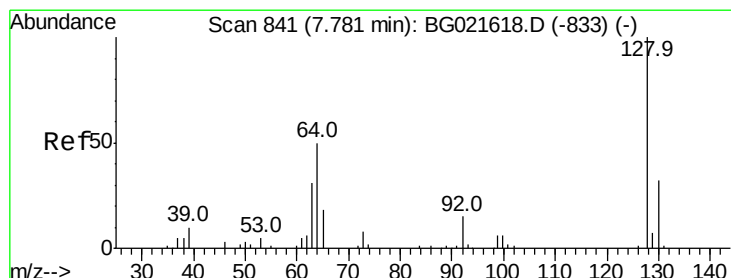
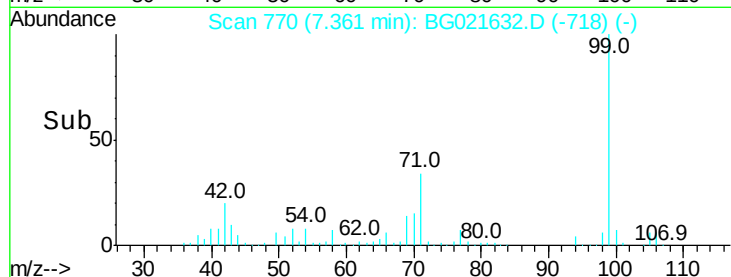
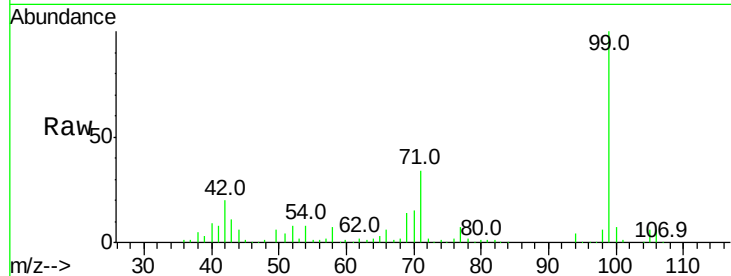
ClientSampleId :

PB89734BSD

Tot Ion:	99	Resp:	207910
Ion Ratio	Lower	Upper	
99	100		
42	20.2	16.4	24.6
71	34.5	25.0	37.4

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#8

2-Chlorophenol

Concen: 40.21 ng

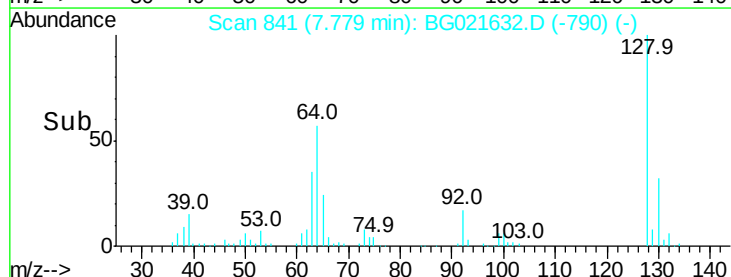
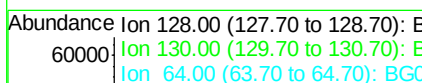
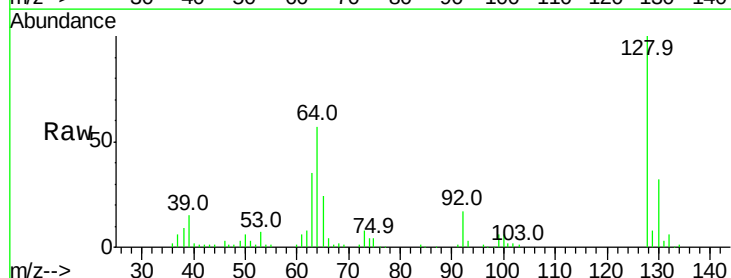
RT: 7.78 min Scan# 841

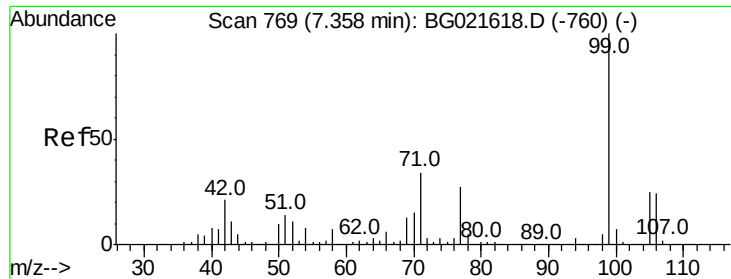
Delta R.T. -0.00 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Tgt Ion:	128	Resp:	79189
Ion Ratio	Lower	Upper	
128	100		
130	32.0	11.2	51.2
64	57.3	39.8	79.8





#9

Benzaldehyde

Concen: 14.54 ng

RT: 7.35 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Instrument :

BNA_G

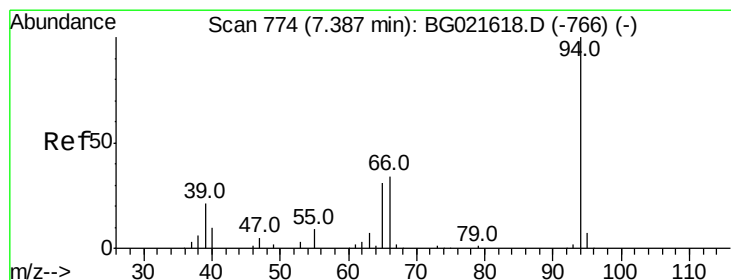
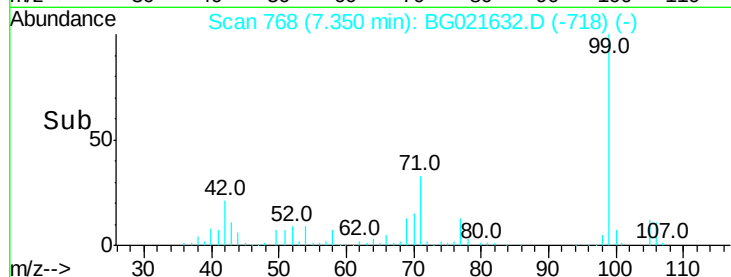
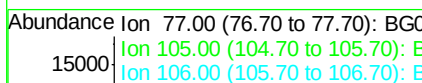
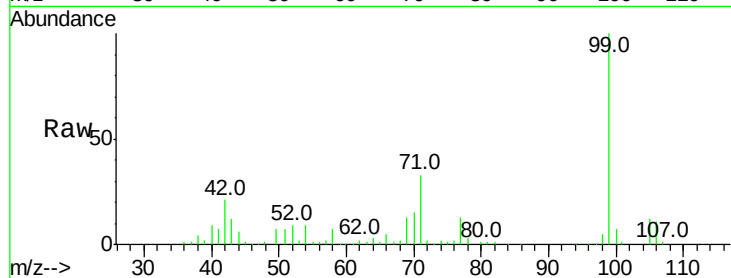
ClientSampleID :

PB89734BSD

Tot Ion:	77	Resp:	20632
Ion	Ratio	Lower	Upper
77	100		
105	92.8	62.1	102.1
106	86.3	65.6	105.6

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#10

Phenol

Concen: 41.98 ng

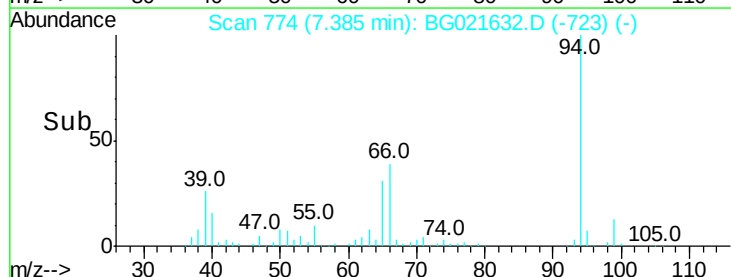
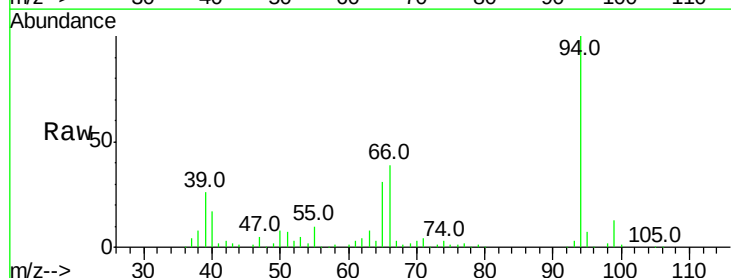
RT: 7.38 min Scan# 774

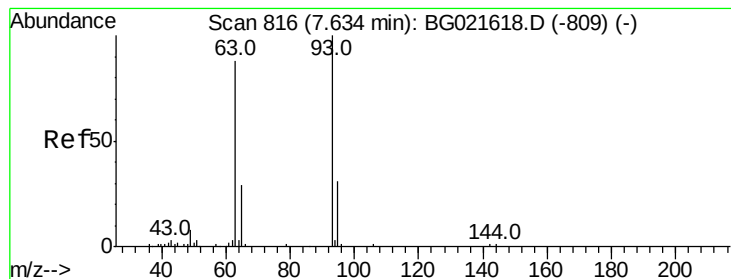
Delta R.T. -0.00 min

Lab File: BG021632.D

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Tgt Ion:	94	Resp:	110790
Ion	Ratio	Lower	Upper
94	100		
65	31.0	9.8	49.8
66	39.1	20.8	60.8





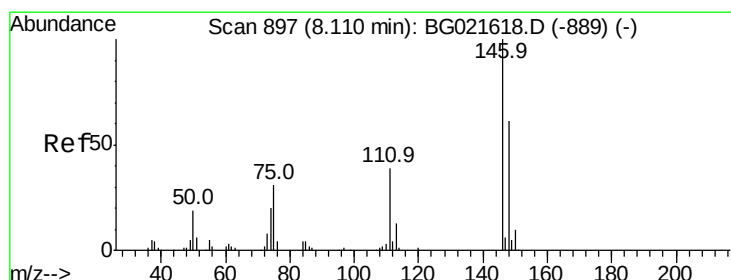
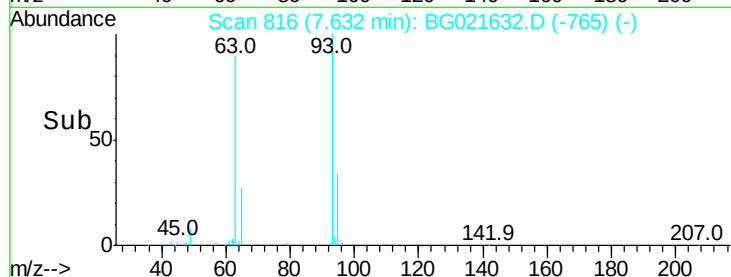
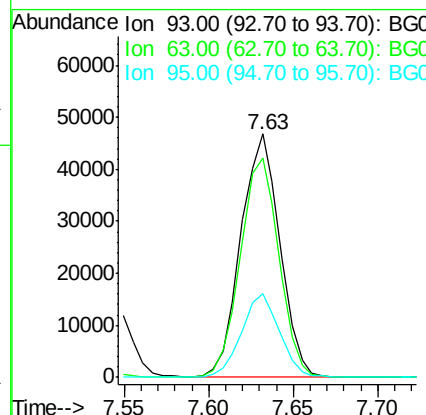
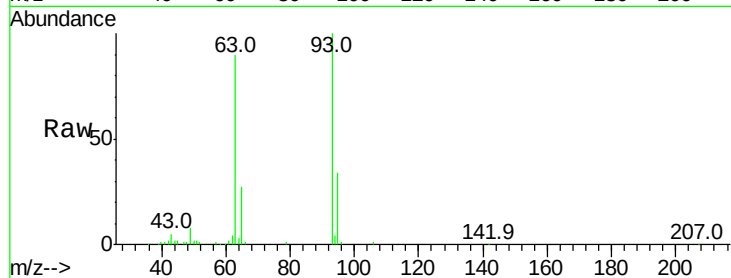
#11
bis(2-Chloroethyl)ether
Concen: 35.59 ng
RT: 7.63 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Instrument :
BNA_G
ClientSampleId :
PB89734BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.8	74.9	114.9
95	34.3	8.3	48.3

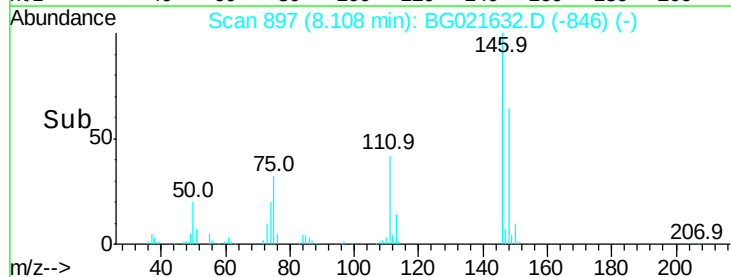
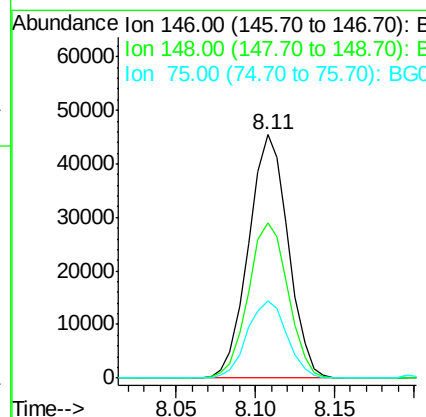
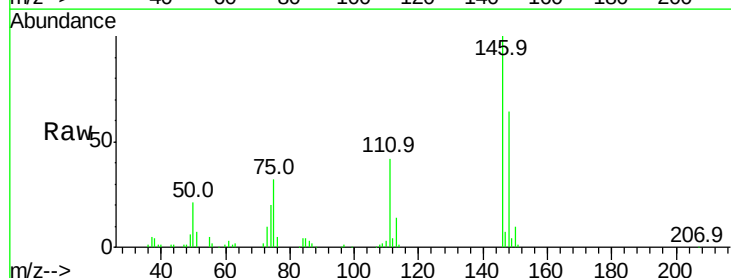
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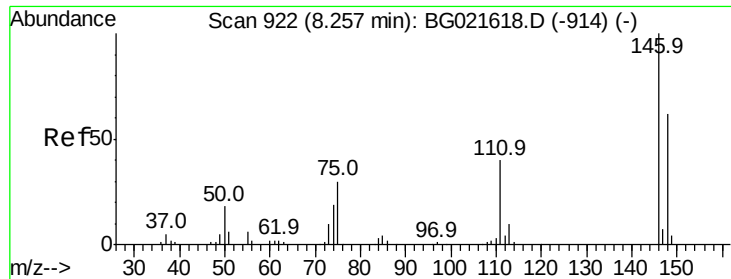
Sohil
4/14/2016 5:29:59 PM



#12
1,3-Dichlorobenzene
Concen: 35.77 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	53.7	80.5
75	31.6	27.4	41.0





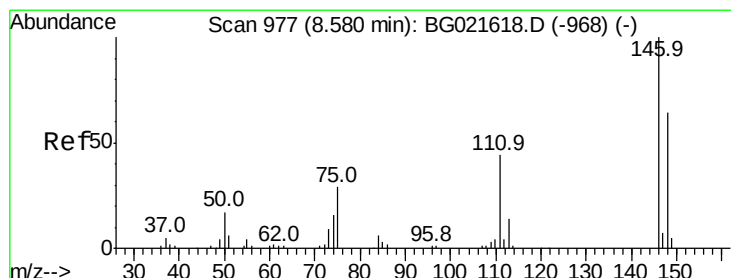
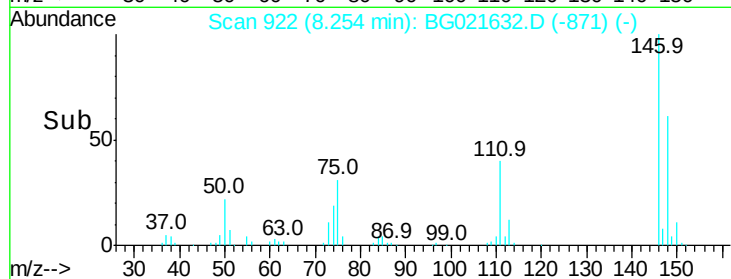
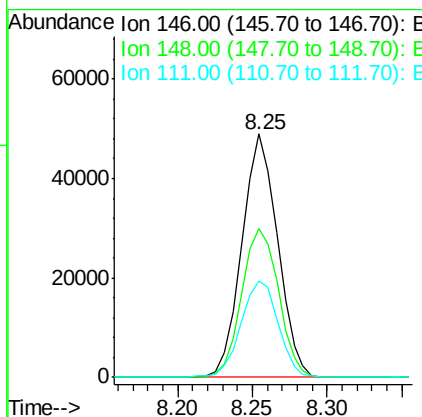
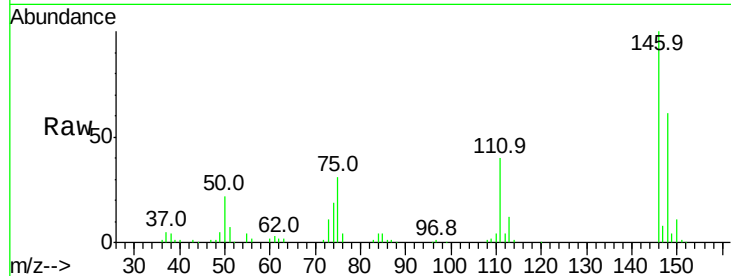
#13
 1,4-Dichlorobenzene
 Concen: 36.09 ng
 RT: 8.25 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.3	46.7	70.1
111	39.6	33.0	49.6

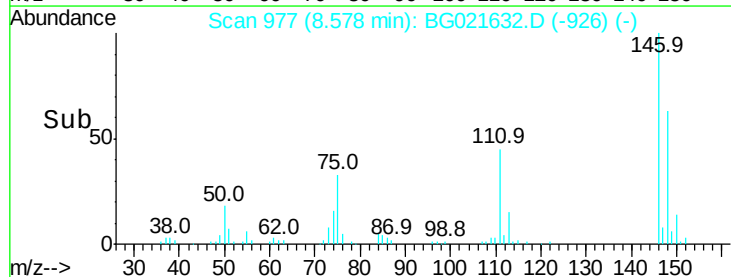
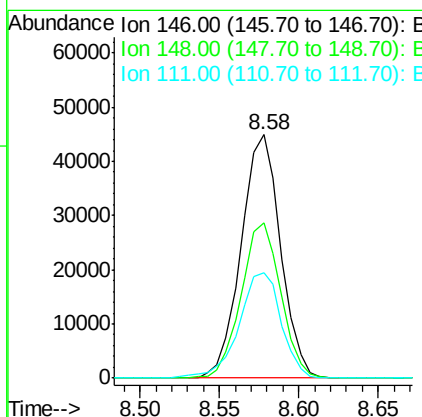
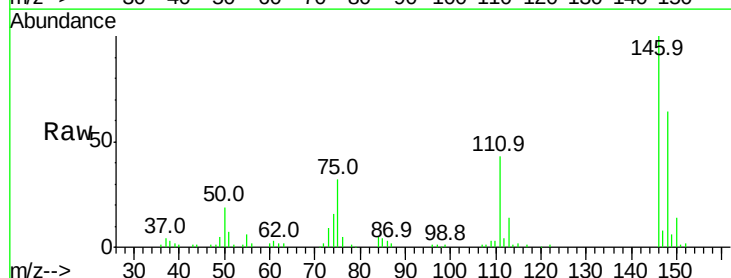
Manual Integrations
 APPROVED

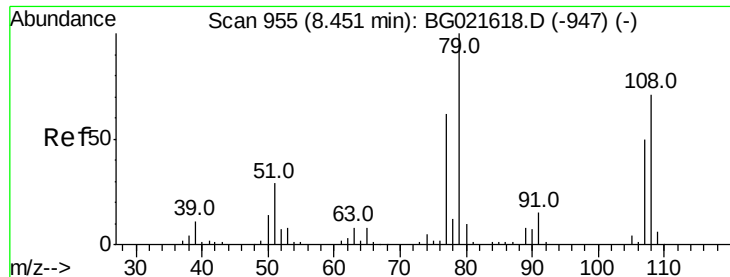
Sohil
 4/14/2016 5:29:59 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.04 ng
 RT: 8.58 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.6	79.0
111	43.3	36.1	54.1





#15

Benzyl Alcohol

Concen: 41.80 ng

RT: 8.45 min Scan# 955

Delta R.T. -0.00 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Instrument :

BNA_G

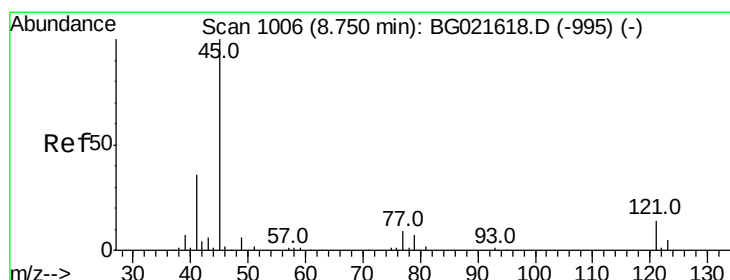
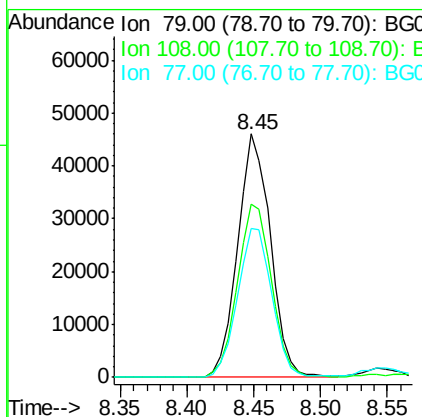
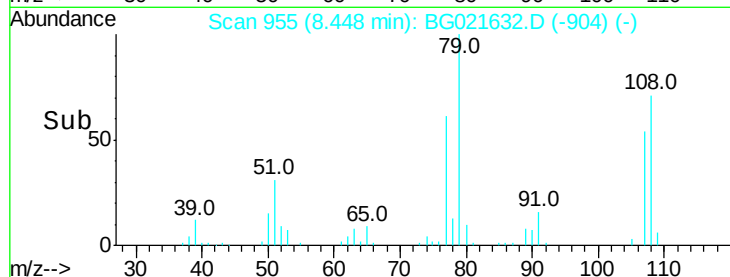
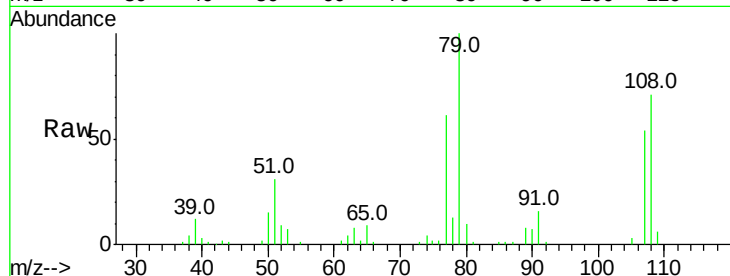
ClientSampleId :

PB89734BSD

Tot Ion:	79	Resp:	78389
Ion Ratio	Lower	Upper	
79	100		
108	71.0	59.4	89.0
77	61.0	52.2	78.2

Manual Integrations
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4/14/2016 5:29:59 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.08 ng

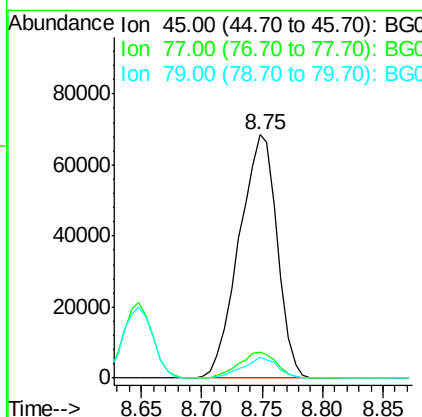
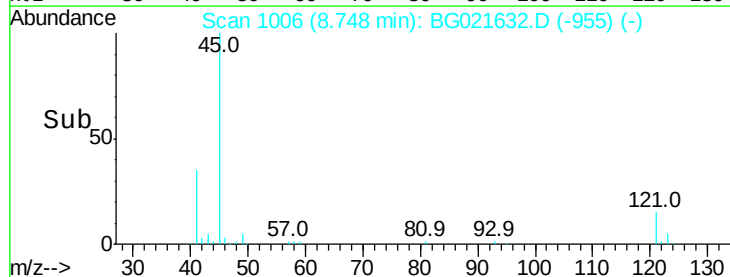
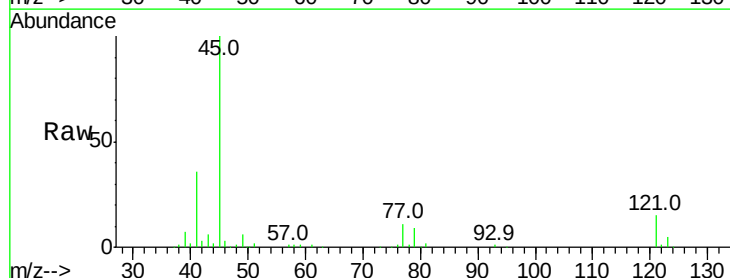
RT: 8.75 min Scan# 1006

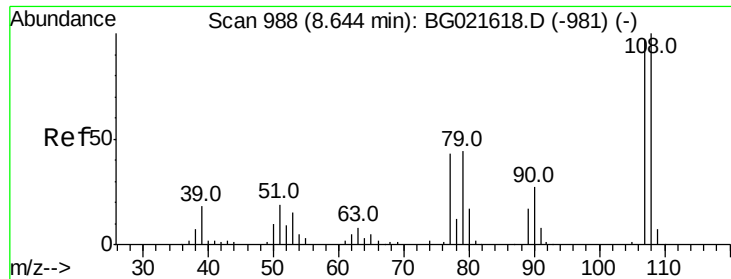
Delta R.T. -0.00 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Tgt Ion:	45	Resp:	149672
Ion Ratio	Lower	Upper	
45	100		
77	10.7	0.0	31.2
79	8.5	0.0	29.0





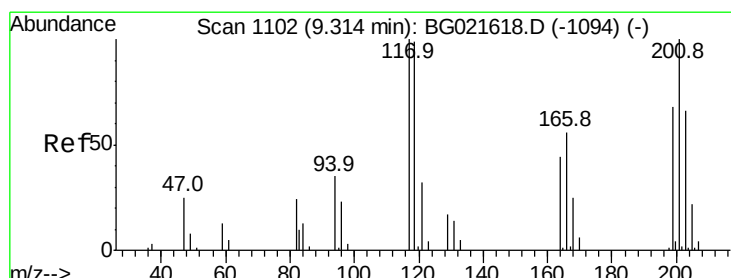
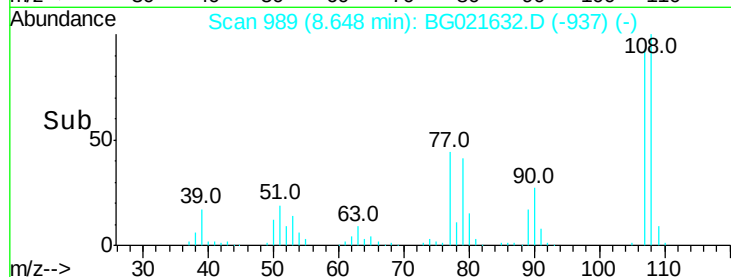
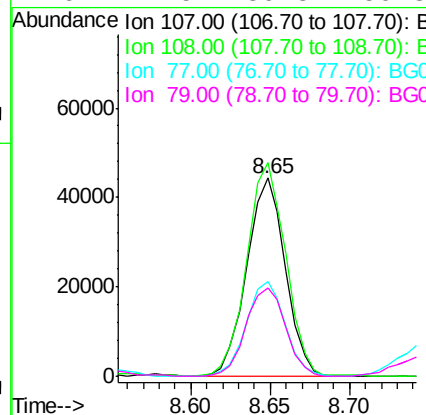
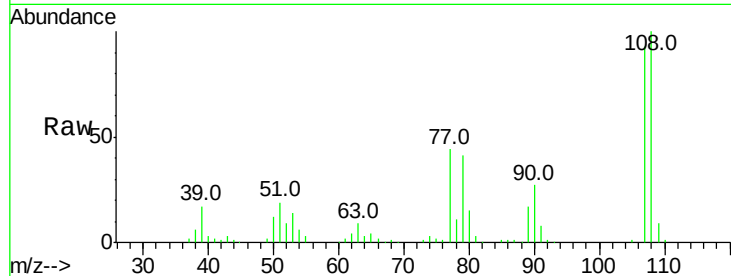
#17
2-Methylphenol
Concen: 41.09 ng
RT: 8.65 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Instrument :
BNA_G
ClientSampleId :
PB89734BSD

Tot Ion:	107	Resp:	74979
Ion Ratio	Lower	Upper	
107	100		
108	107.7	80.2	120.4
77	47.8	40.7	61.1
79	44.5	39.8	59.8

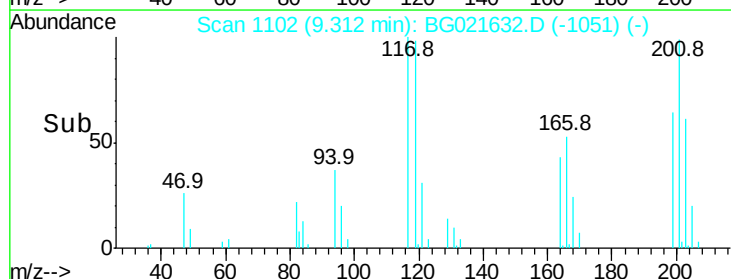
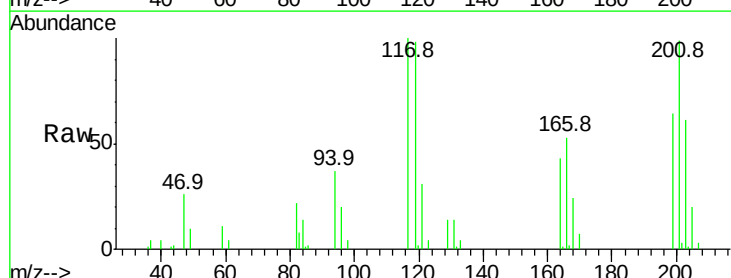
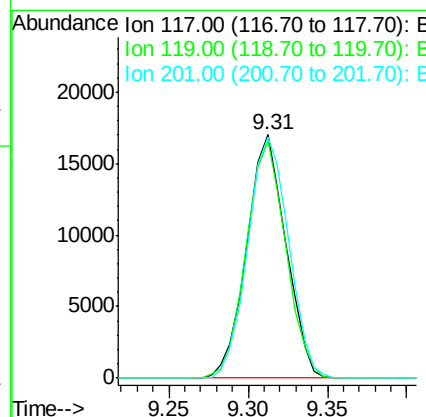
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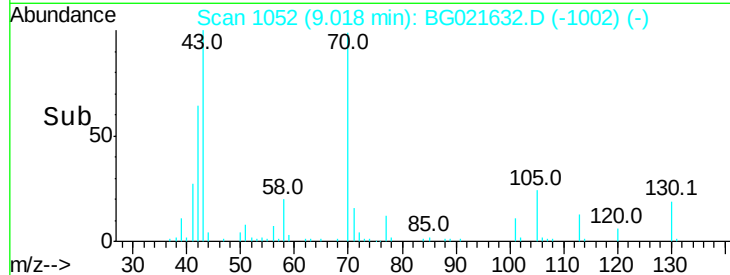
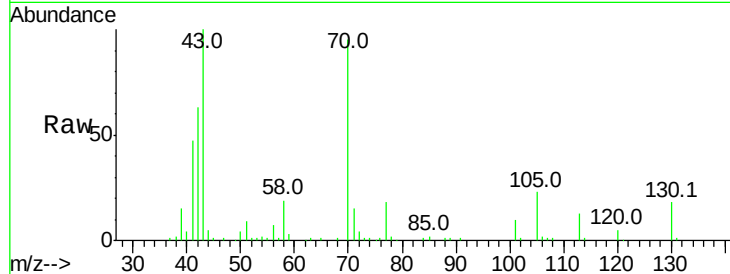
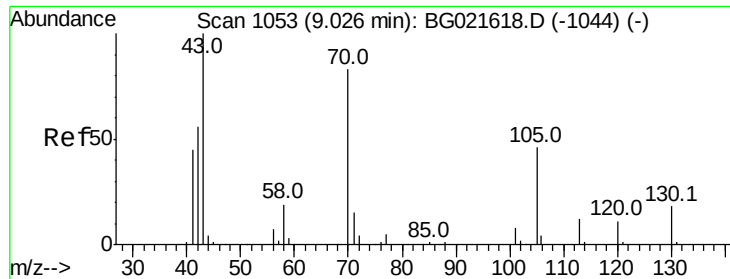
Sohil
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#18
Hexachloroethane
Concen: 35.83 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Tgt Ion:	117	Resp:	29200
Ion Ratio	Lower	Upper	
117	100		
119	99.1	63.9	95.9#
201	98.8	61.2	91.8#





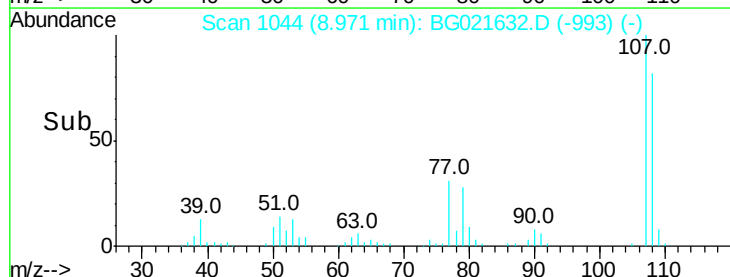
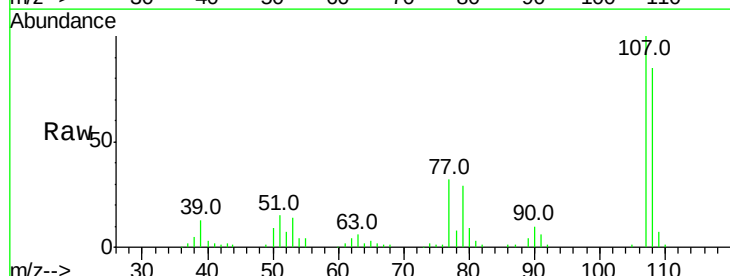
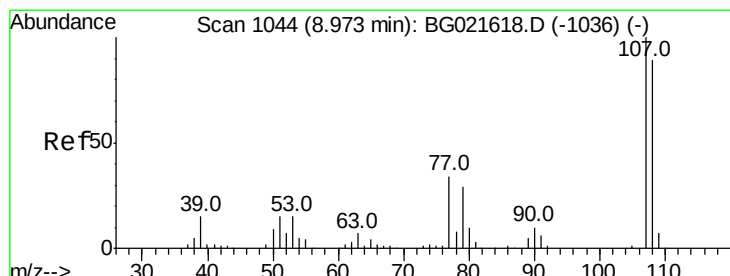
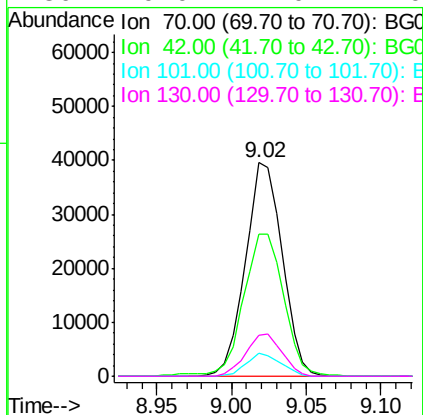
#19
n-Nitroso-di-n-propylamine
Concen: 35.44 ng
RT: 9.02 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Instrument :
BNA_G
ClientSampleId :
PB89734BSD

Manual Integrations
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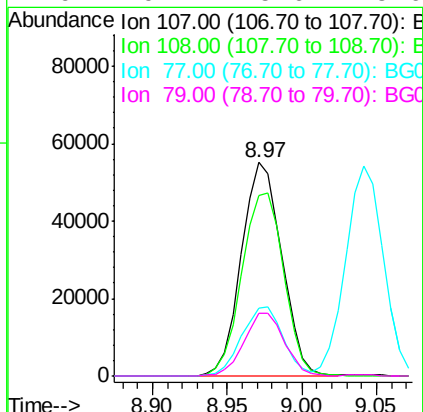
Sohil
4/14/2016 5:29:59 PM

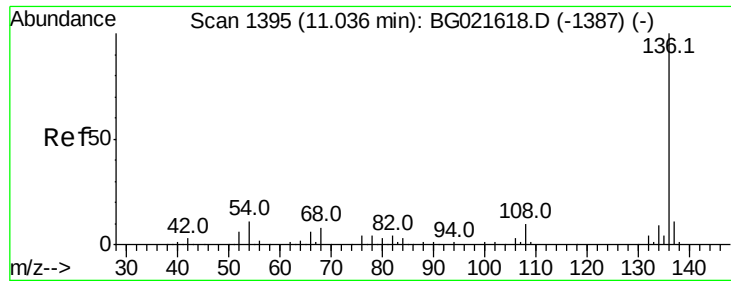
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.7	56.7	85.1	
101	11.0	8.2	12.4	
130	19.0	14.0	21.0	



#20
3+4-Methylphenols
Concen: 41.46 ng
RT: 8.97 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.7	66.2	106.2	
77	32.0	11.5	51.5	
79	29.4	5.6	45.6	





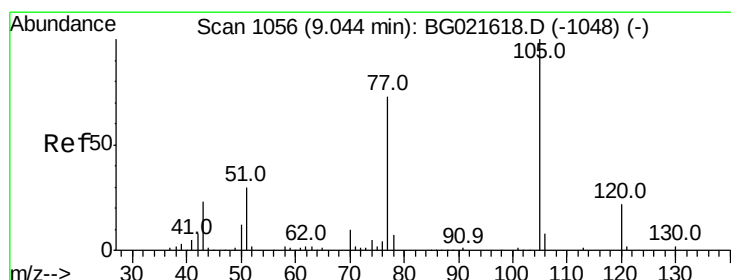
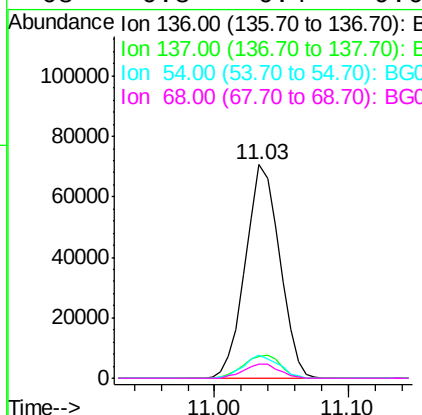
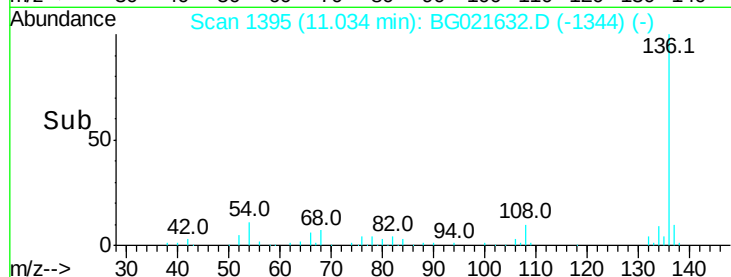
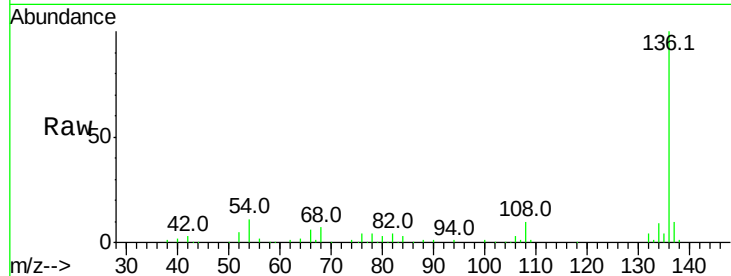
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Instrument :
BNA_G
ClientSampleId :
PB89734BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.0	9.0	13.4	
54	10.7	9.6	14.4	
68	6.8	6.4	9.6	

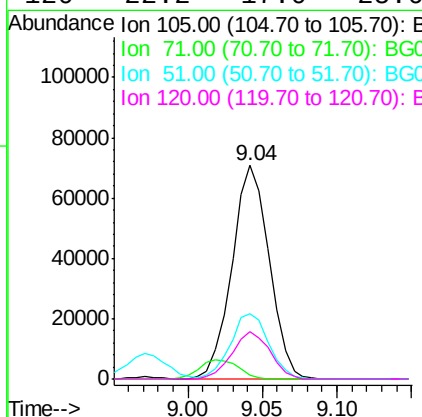
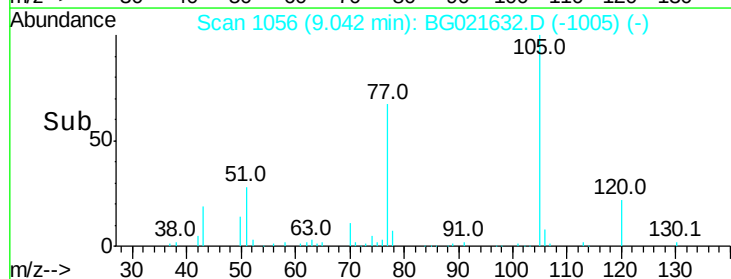
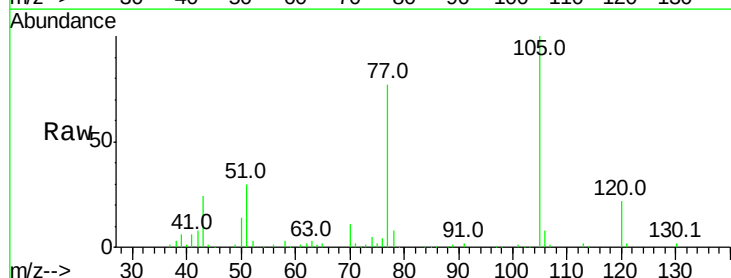
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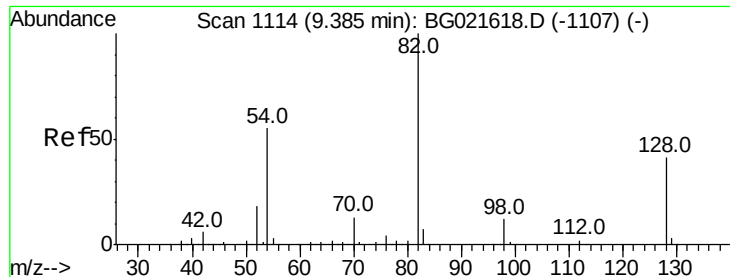
Sohil
4/14/2016 5:29:59 PM



#22
Acetophenone
Concen: 35.12 ng
RT: 9.04 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.8	0.0	0.0#	
51	30.4	25.7	38.5	
120	22.2	17.0	25.6	





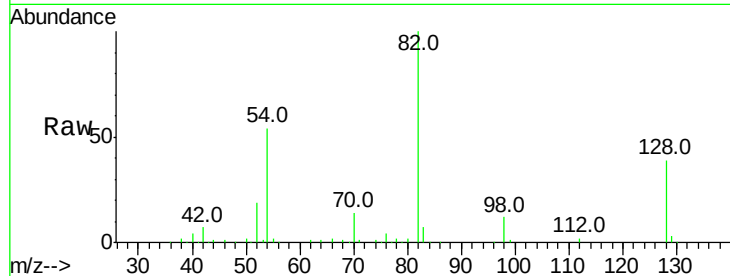
#23
Nitrobenzene-d5
Concen: 73.52 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Instrument :
BNA_G
ClientSampleId :
PB89734BSD

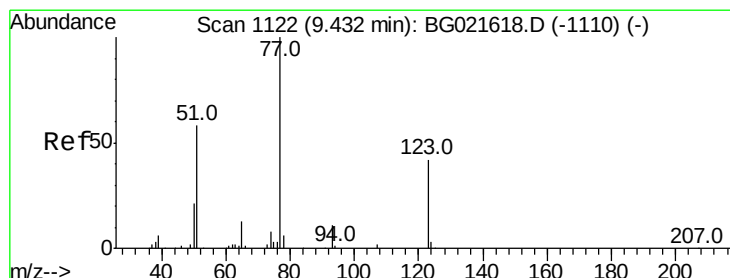
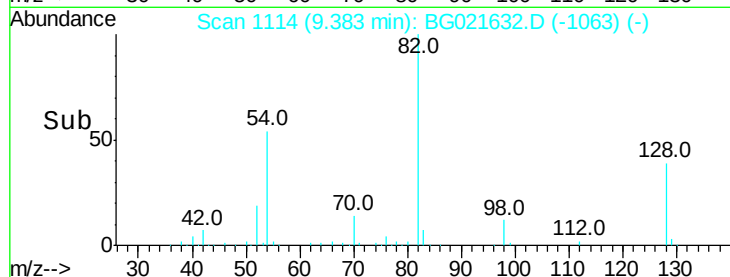
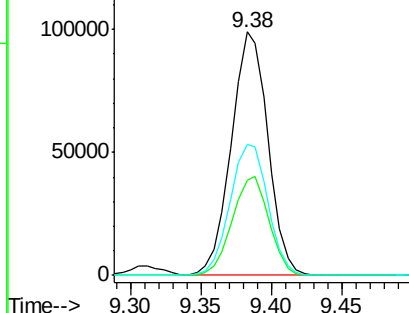
Tot Ion	Ratio	Resp	Lower	Upper
82	100	179222		
128	39.3	33.4	50.0	
54	54.1	46.1	69.1	

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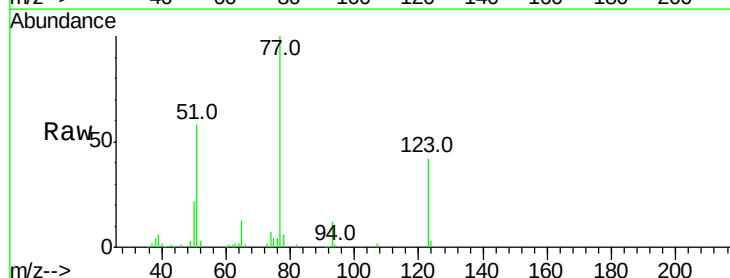


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

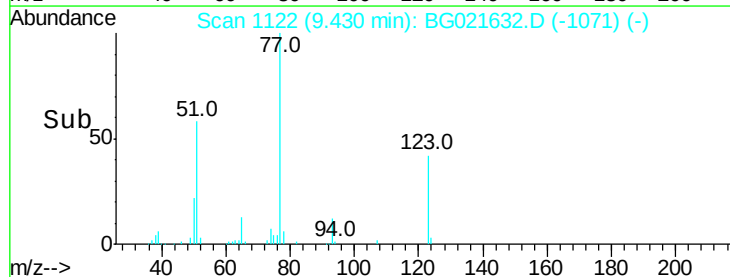
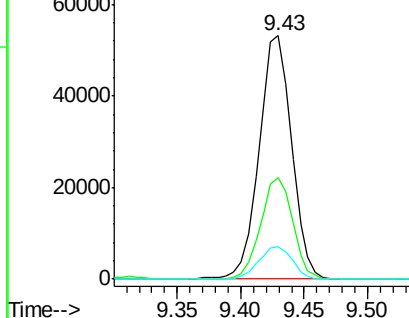


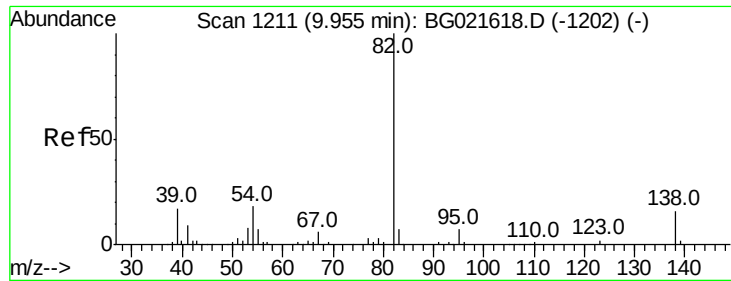
#24
Nitrobenzene
Concen: 36.46 ng
RT: 9.43 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	95163		
123	41.7	32.2	48.4	
65	13.5	10.3	15.5	



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





#25

Isophorone

Concen: 34.79 ng

RT: 9.95 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Instrument :

BNA_G

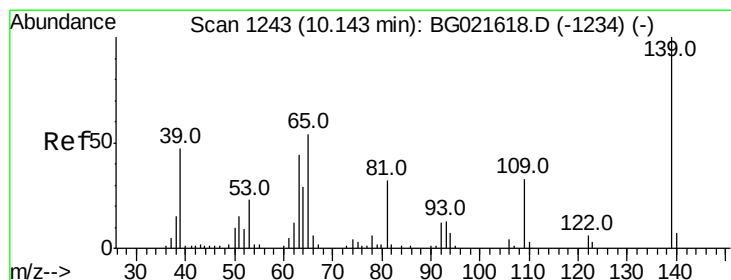
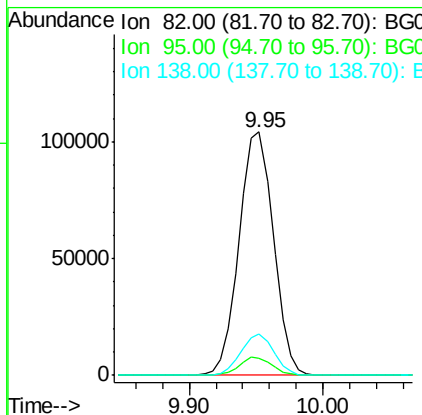
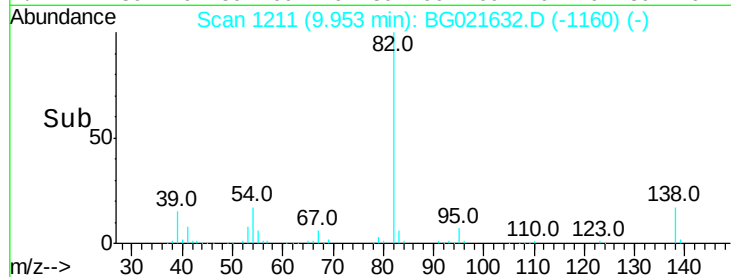
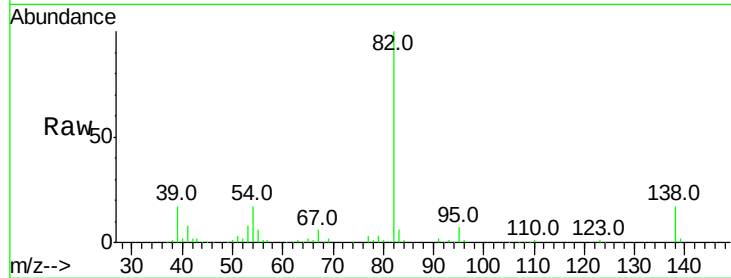
ClientSampled :

PB89734BSD

Tot Ion:	82	Resp:	185595
Ion Ratio	Lower	Upper	
82	100		
95	6.8	6.0	9.0
138	16.8	13.4	20.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.83 ng

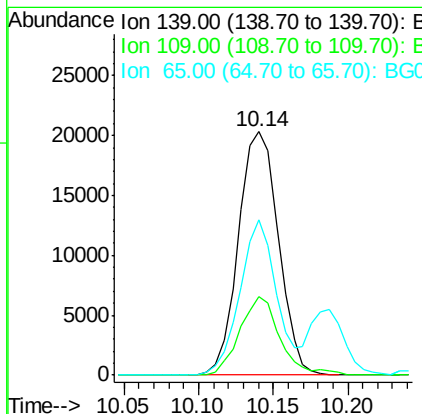
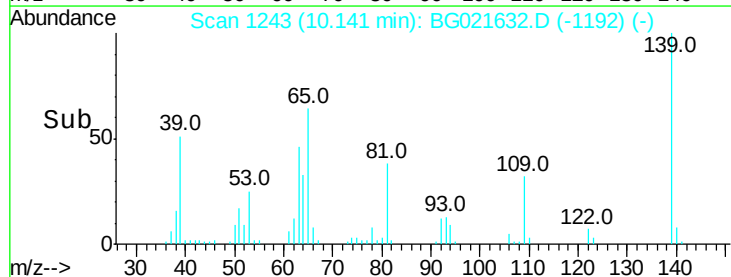
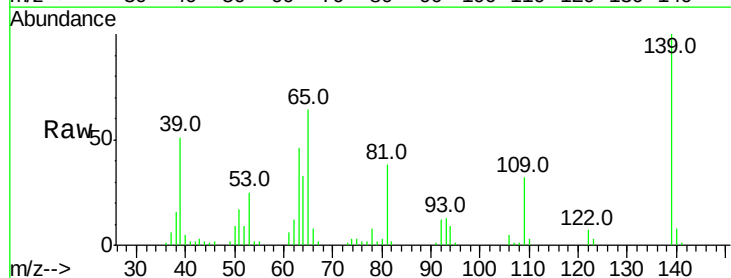
RT: 10.14 min Scan# 1243

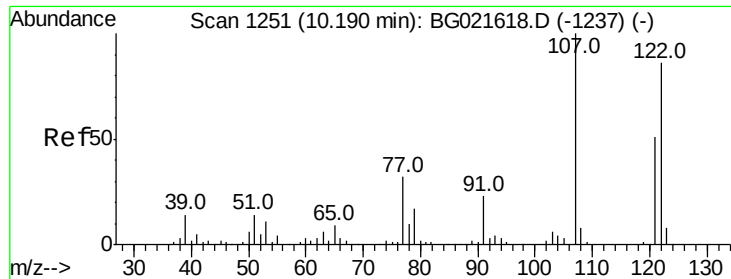
Delta R.T. -0.00 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Tgt Ion:	139	Resp:	37691
Ion Ratio	Lower	Upper	
139	100		
109	32.2	26.6	40.0
65	64.0	45.3	67.9





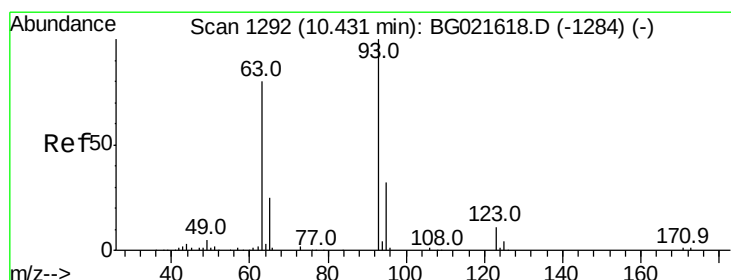
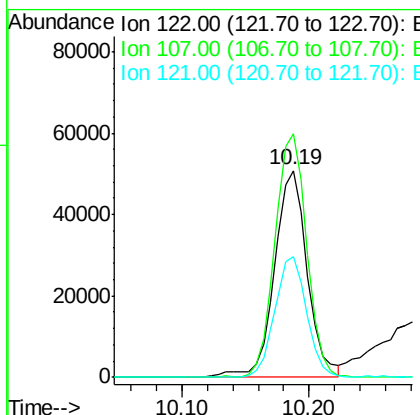
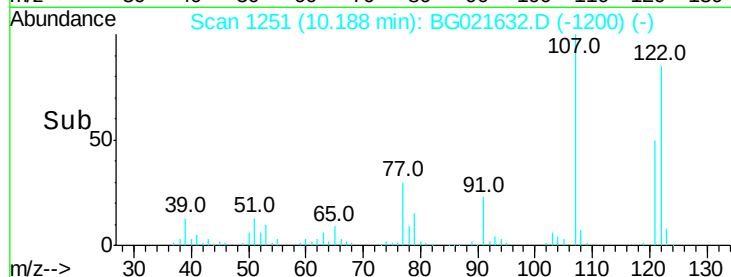
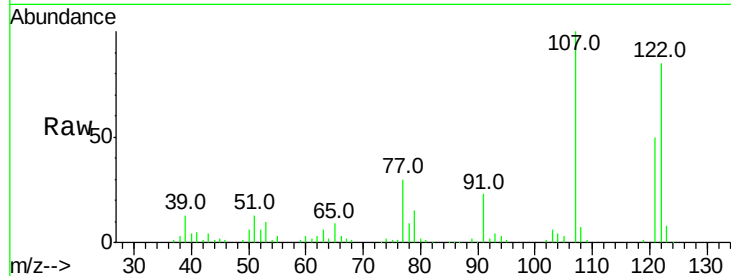
#27
 2,4-Dimethylphenol
 Concen: 40.45 ng
 RT: 10.19 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	117.8	97.2	145.8		
121	58.4	49.0	73.4		

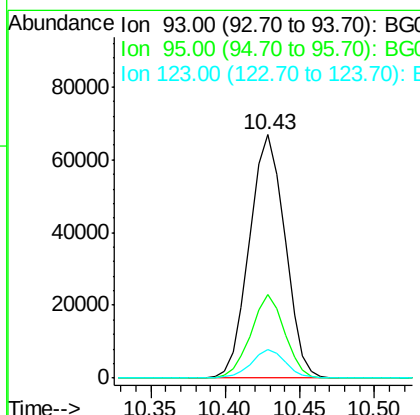
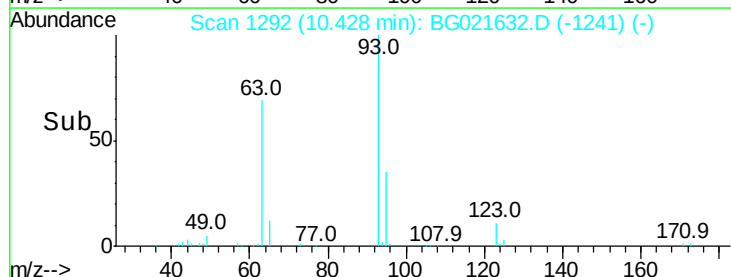
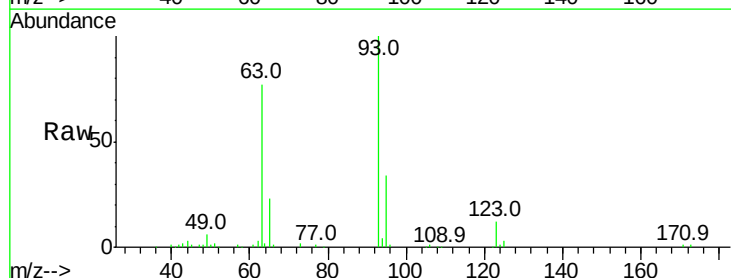
Manual Integrations
 APPROVED

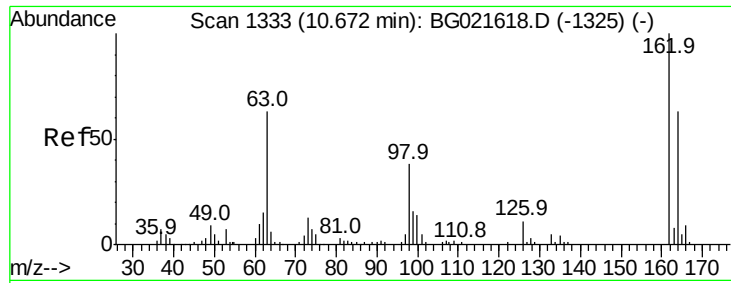
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.94 ng
 RT: 10.43 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	34.1	30.1	45.1		
123	11.6	10.2	15.4		





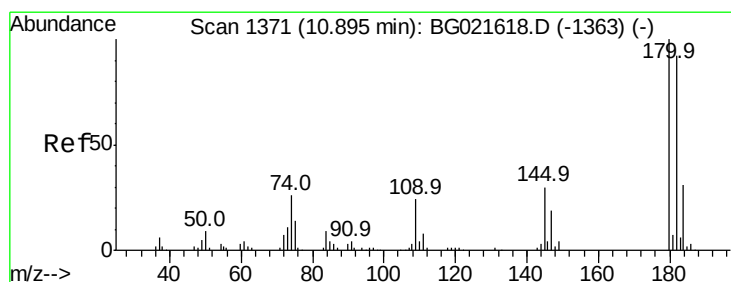
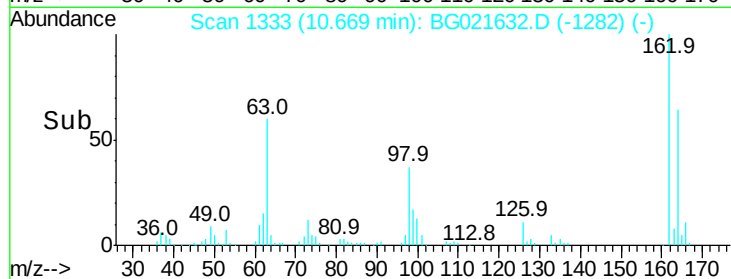
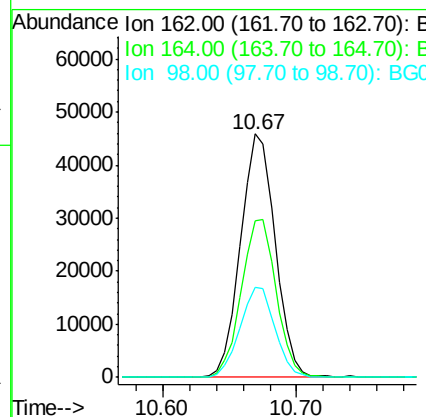
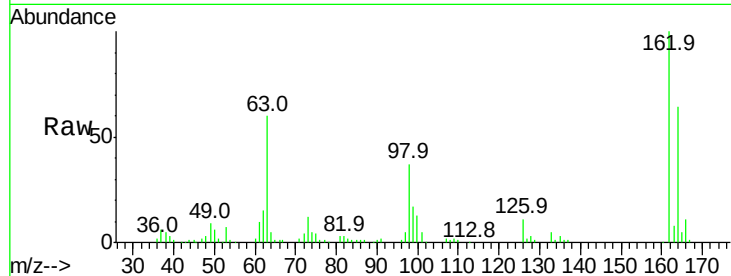
#29
 2,4-Dichlorophenol
 Concen: 42.64 ng
 RT: 10.67 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BSD

Tot Ion:	162	Resp:	82285
Ion Ratio	Lower	Upper	
162	100		
164	64.4	44.9	84.9
98	37.0	19.2	59.2

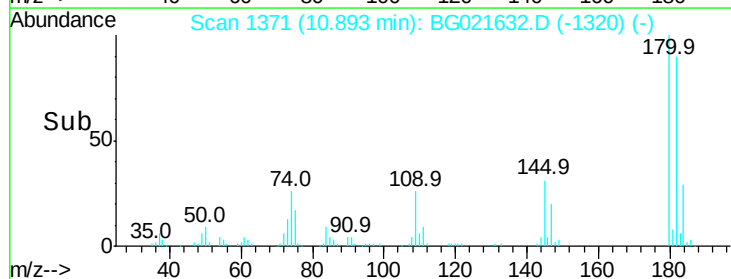
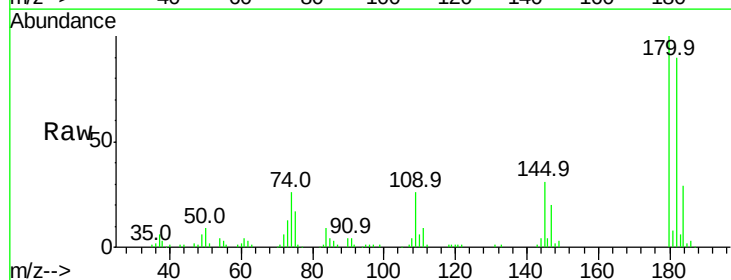
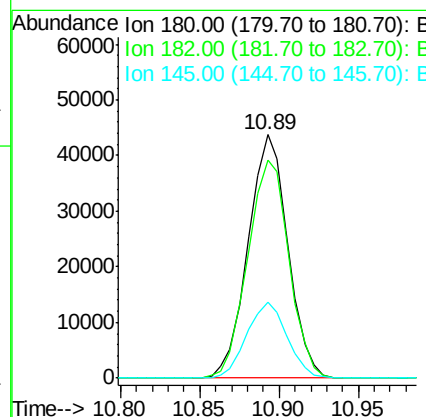
Manual Integrations
 APPROVED

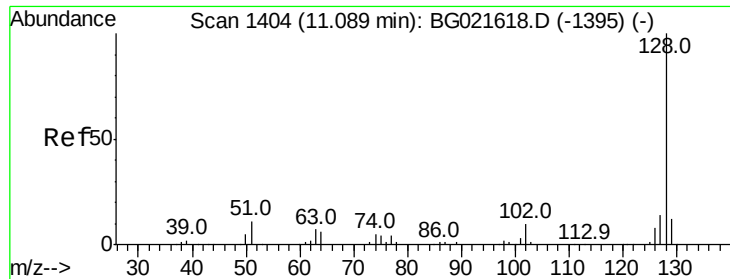
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.66 ng
 RT: 10.89 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Tgt Ion:	180	Resp:	76077
Ion Ratio	Lower	Upper	
180	100		
182	89.8	82.3	123.5
145	31.1	24.4	36.6





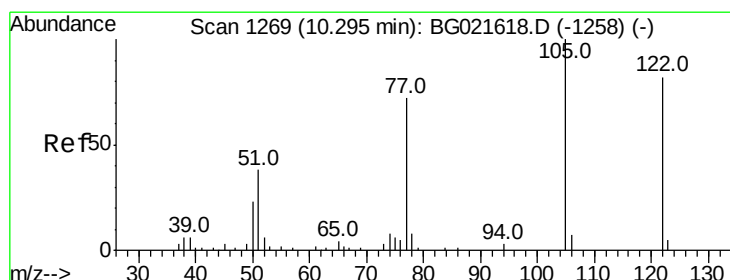
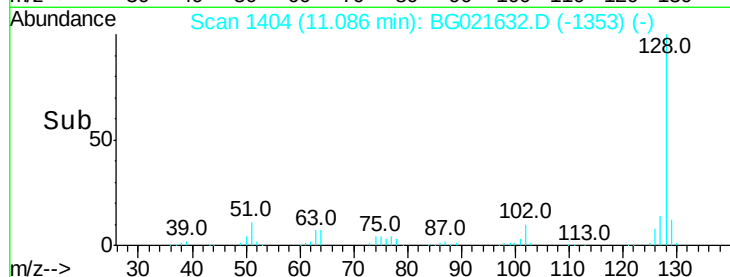
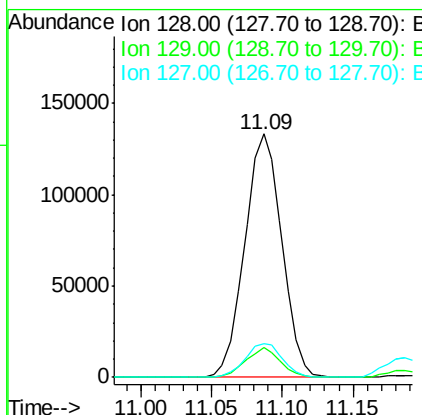
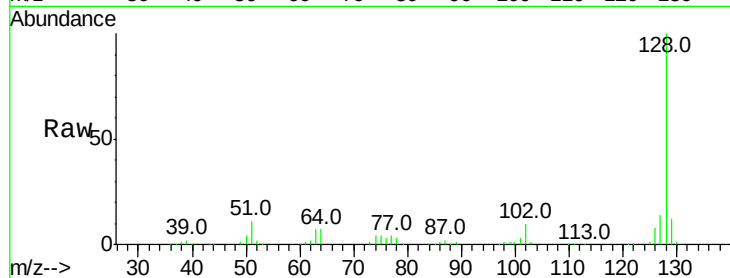
#31
Naphthalene
Concen: 36.57 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Instrument :
BNA_G
ClientSampleId :
PB89734BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	245216		
129	12.0	7.0	10.6	
127	14.1	10.1	15.1	

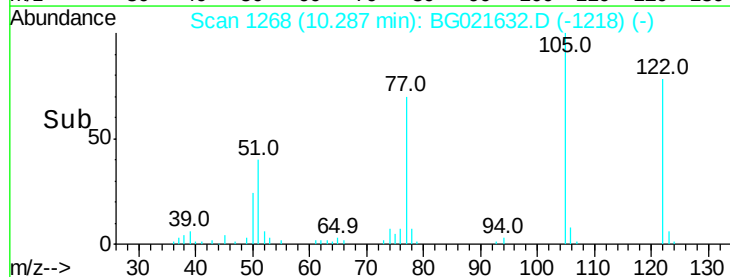
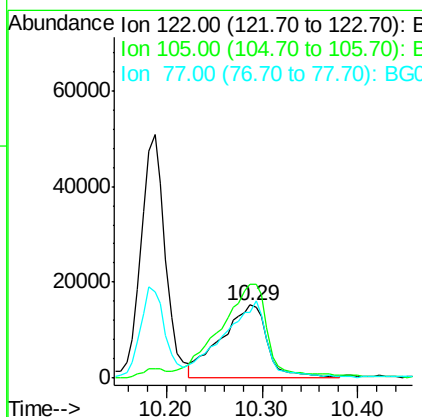
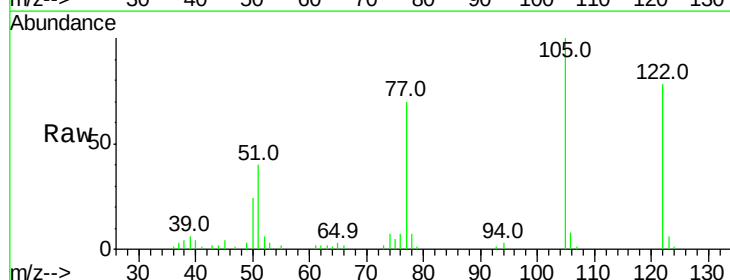
Manual Integrations
APPROVED

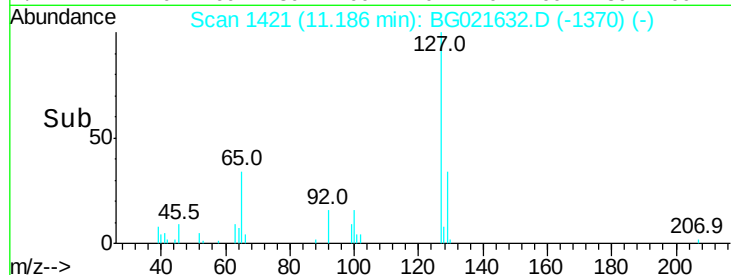
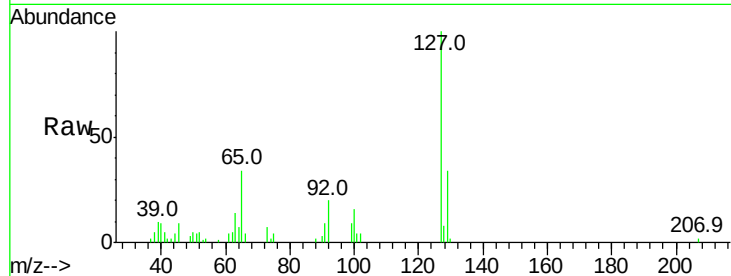
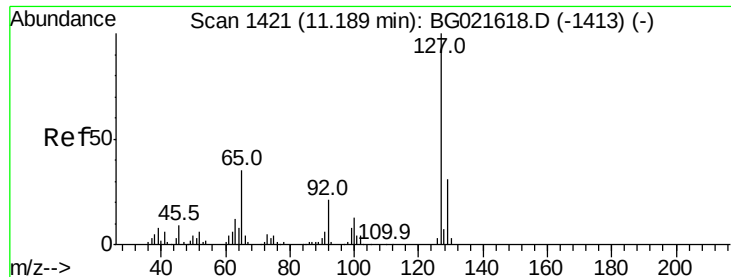
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#32
Benzoic acid
Concen: 42.14 ng m
RT: 10.29 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	52262		
105	128.0	104.5	144.5	
77	90.2	79.9	119.9	





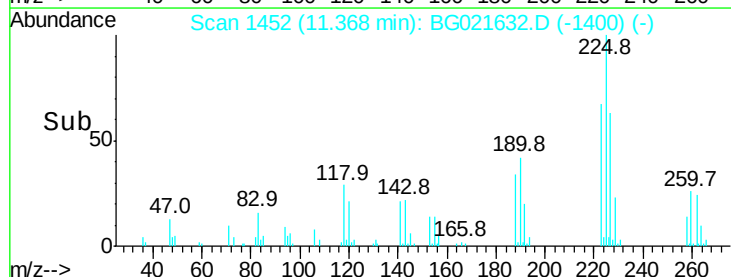
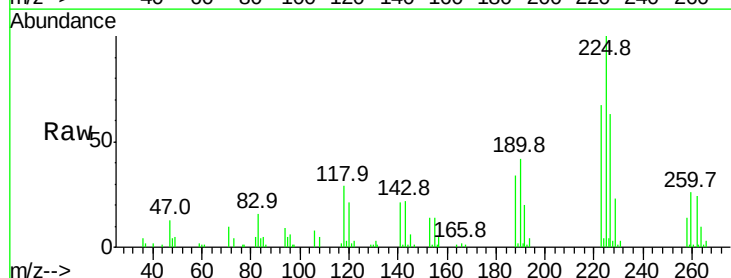
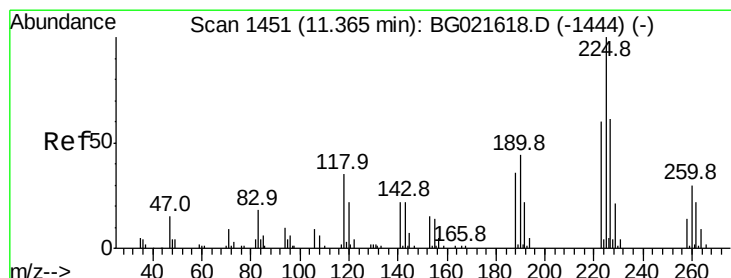
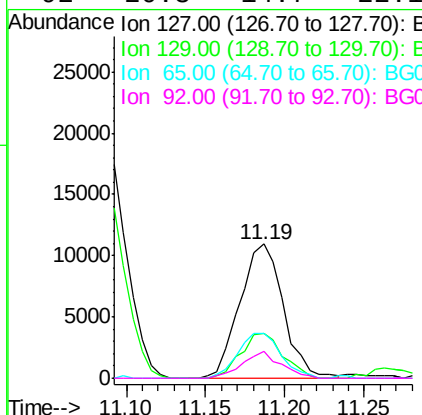
#33
4-Chloroaniline
Concen: 7.18 ng
RT: 11.19 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Instrument :
BNA_G
ClientSampled :
PB89734BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.6	39.8
65	33.8	27.5	41.3
92	20.3	14.7	22.1

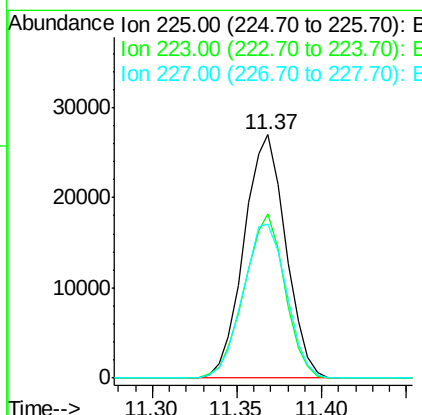
Manual Integrations
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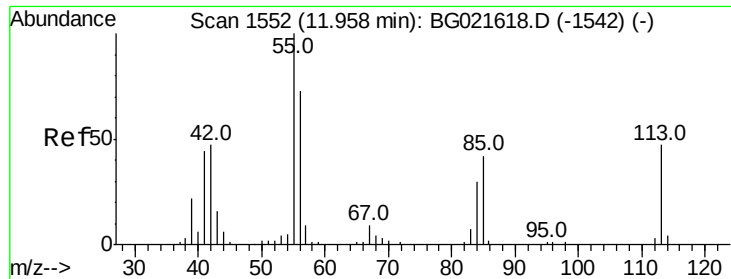
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#34
Hexachlorobutadiene
Concen: 34.68 ng
RT: 11.37 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.4	52.7	79.1
227	63.1	49.7	74.5





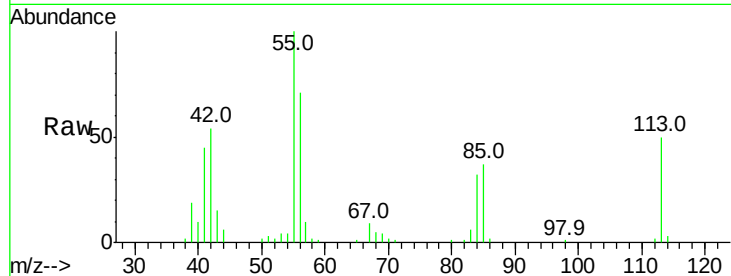
#35
 Caprolactam
 Concen: 39.46 ng/ml
 RT: 11.94 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Instrument :
 BNA_G
 ClientSampleID :
 PB89734BSD

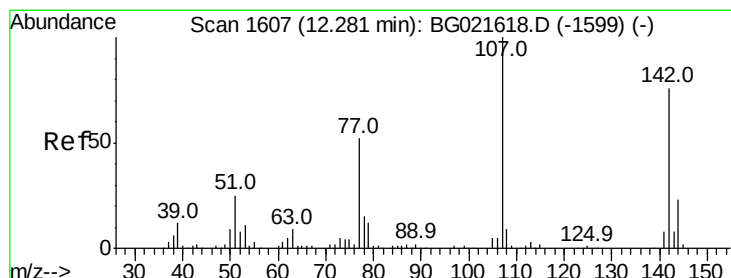
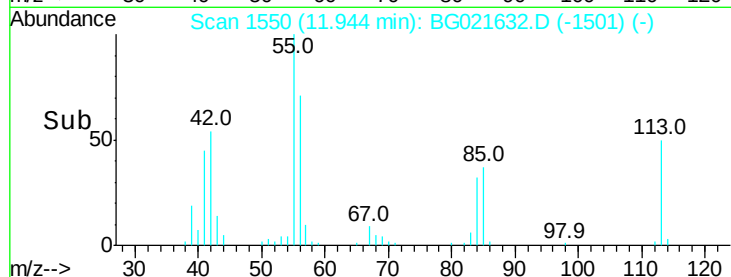
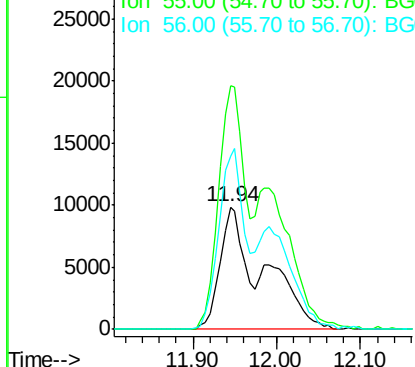
Tot Ion	Ratio	Lower	Upper
113	100		
55	199.2	194.2	234.2
56	141.5	122.6	162.6

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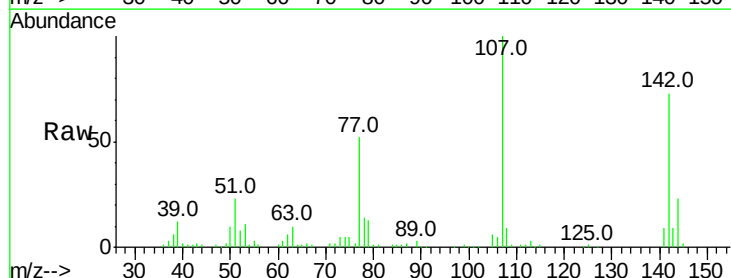


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

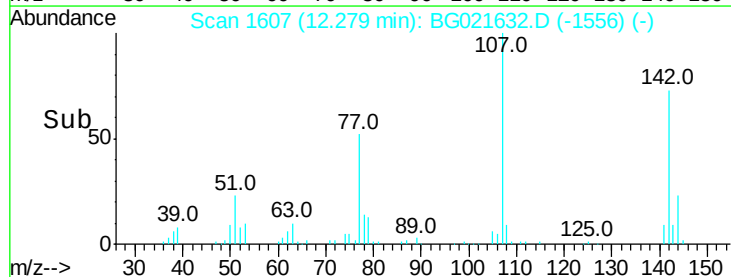
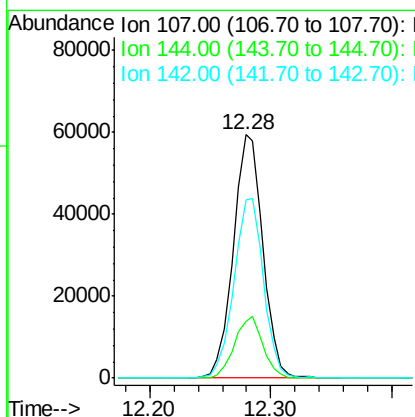


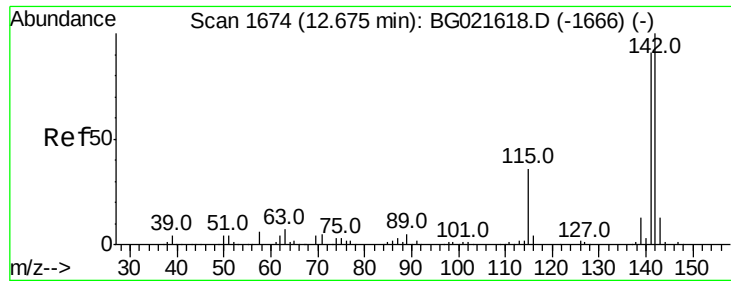
#36
 4-Chloro-3-methylphenol
 Concen: 41.69 ng/ml
 RT: 12.28 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.4	19.2	28.8
142	73.2	59.1	88.7



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





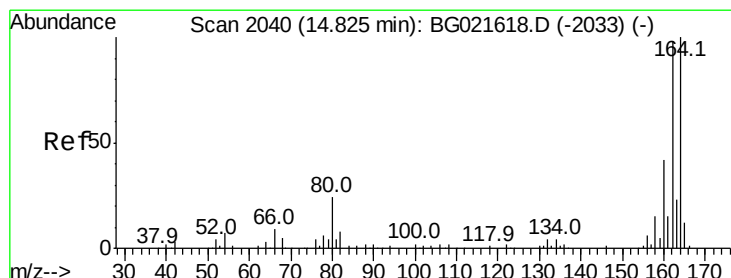
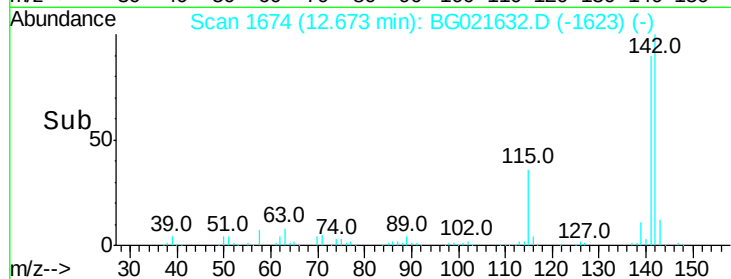
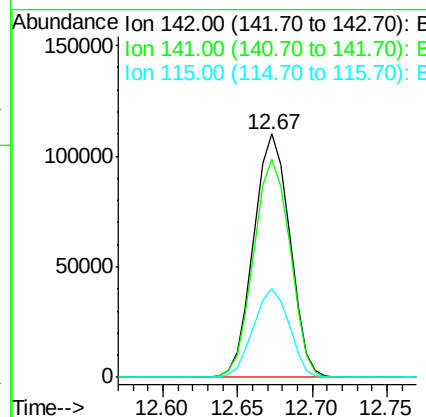
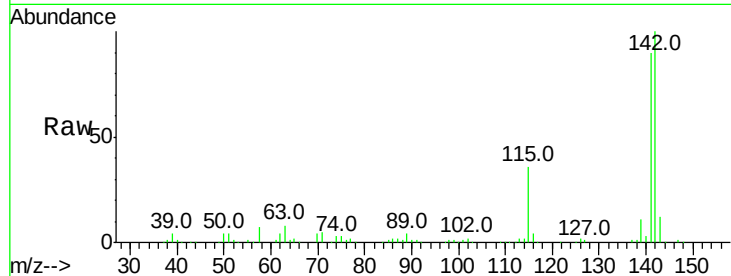
#37
 2-Methylnaphthalene
 Concen: 40.05 ng
 RT: 12.67 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	184352		
141	89.6		71.4	107.0
115	36.4		27.4	41.2

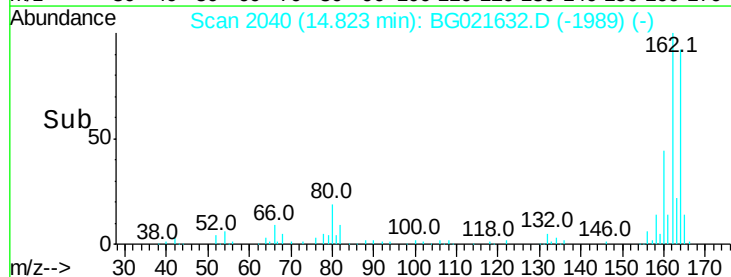
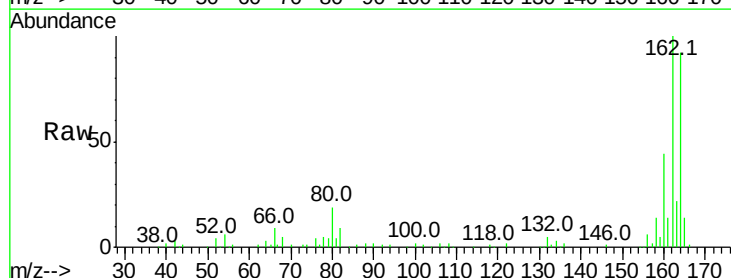
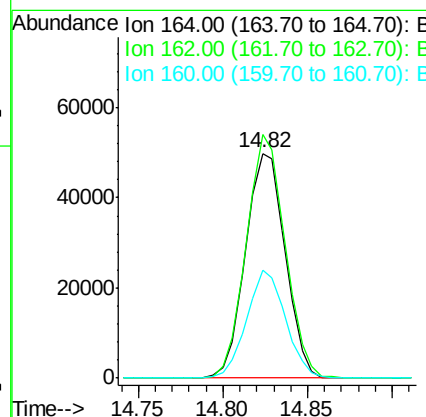
Manual Integrations
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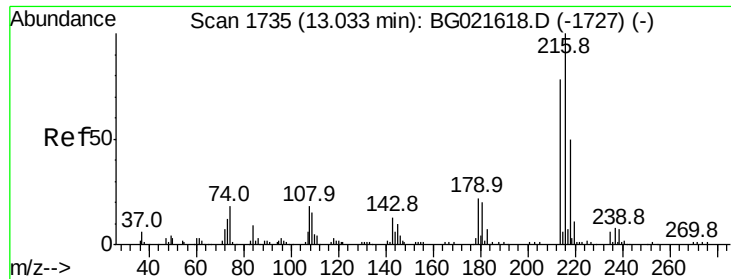
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	81299		
162	108.4		78.0	117.0
160	47.8		32.9	49.3





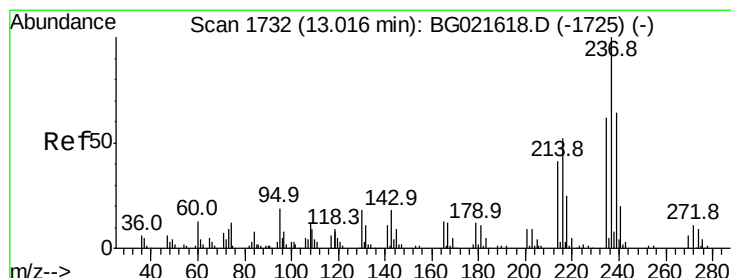
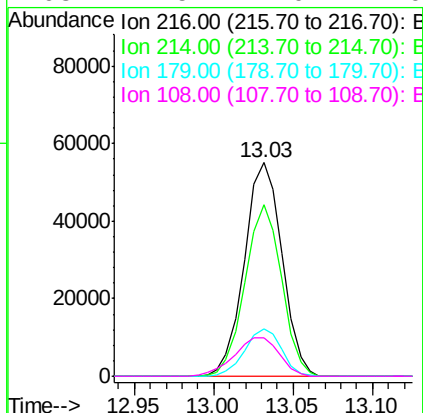
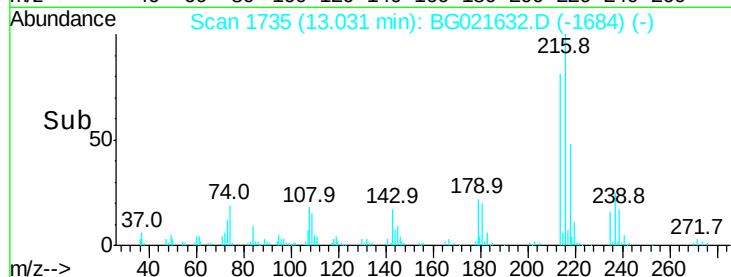
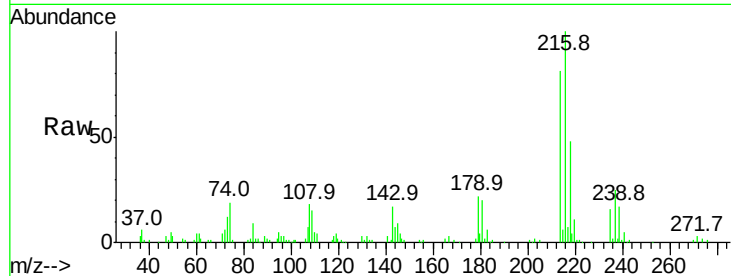
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.79 ng
 RT: 13.03 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	90921		
214	78.1	62.2	93.2	
179	21.6	16.7	25.1	
108	21.5	14.0	21.0	

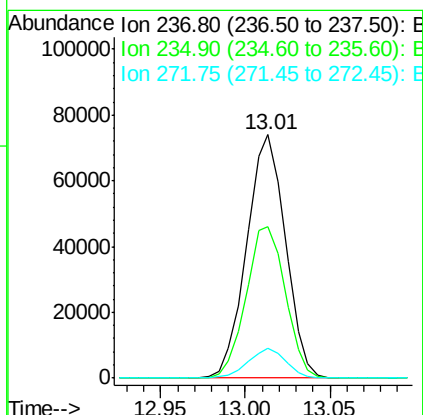
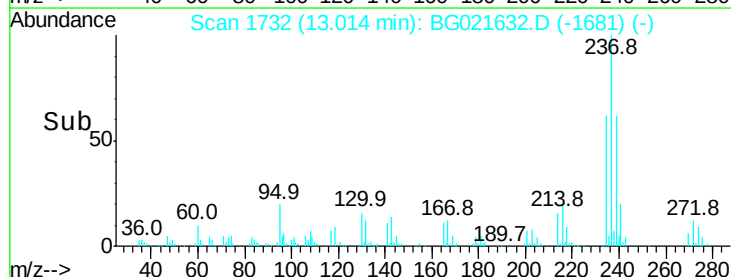
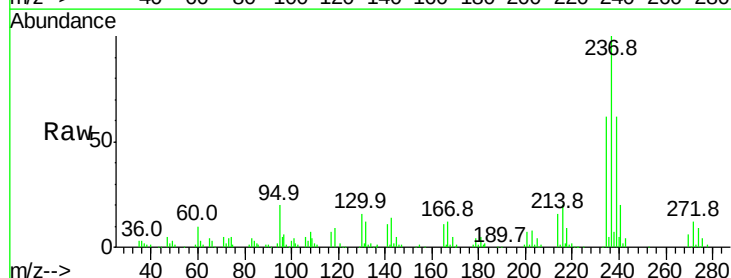
Manual Integrations
 APPROVED

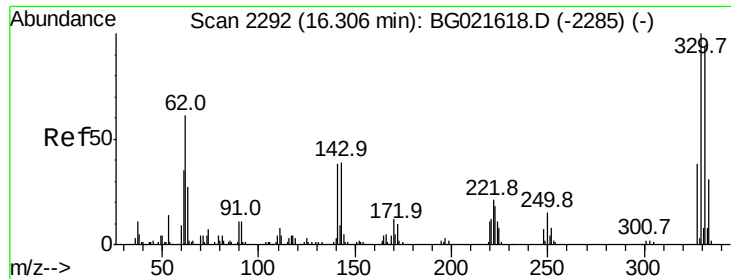
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#40
 Hexachlorocyclopentadiene
 Concen: 83.60 ng
 RT: 13.01 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	117988		
235	62.5	43.2	83.2	
272	12.3	0.0	33.4	





#41

2,4,6-Tribromophenol

Concen: 86.61 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Instrument :

BNA_G

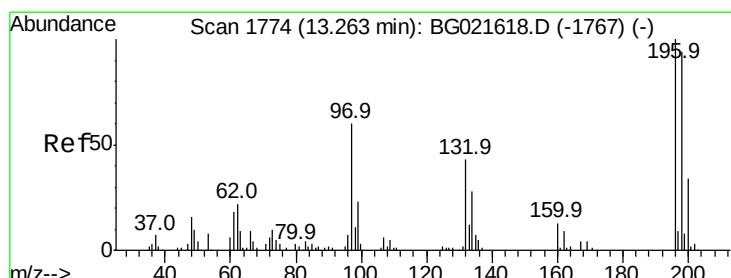
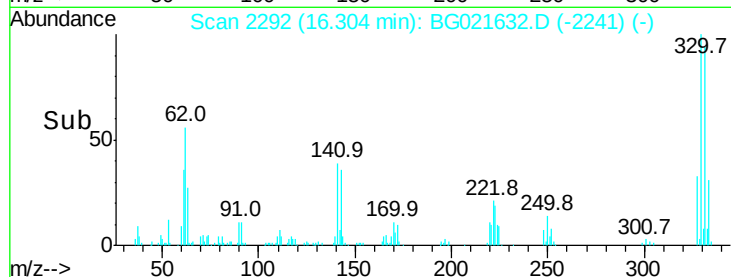
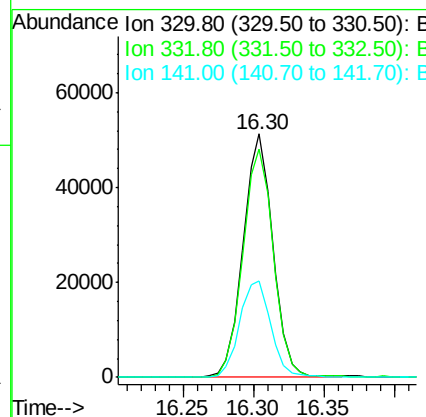
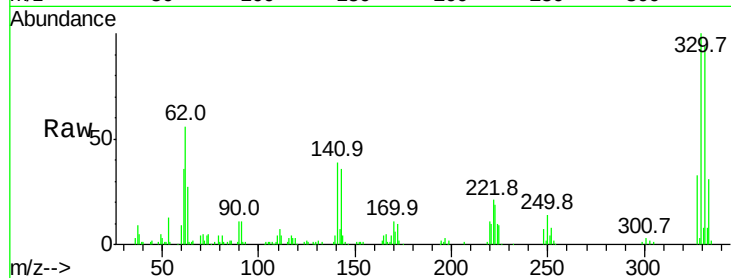
ClientSampleId :

PB89734BSD

Tot Ion:	330	Resp:	75887
Ion Ratio	Lower	Upper	
330	100		
332	95.6	78.0	117.0
141	41.2	33.8	50.8

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 40.34 ng

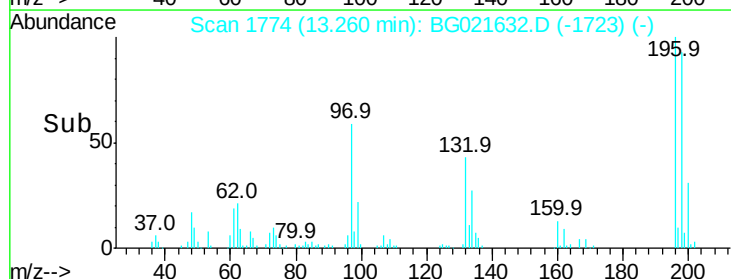
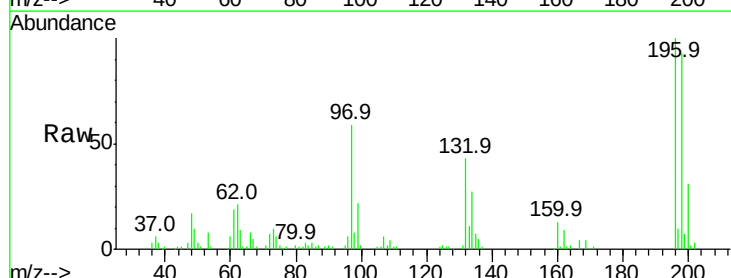
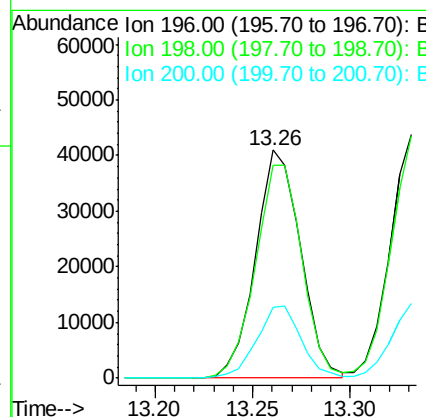
RT: 13.26 min Scan# 1774

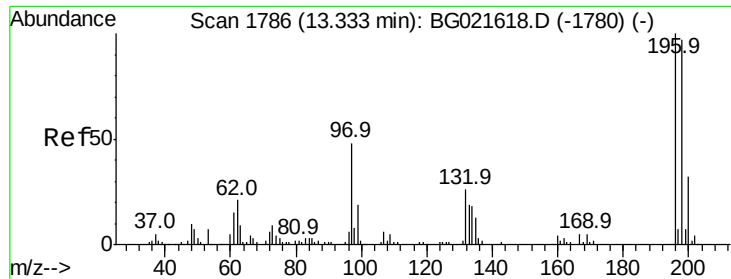
Delta R.T. -0.00 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Tgt Ion:	196	Resp:	65353
Ion Ratio	Lower	Upper	
196	100		
198	93.2	80.1	120.1
200	31.2	24.1	36.1





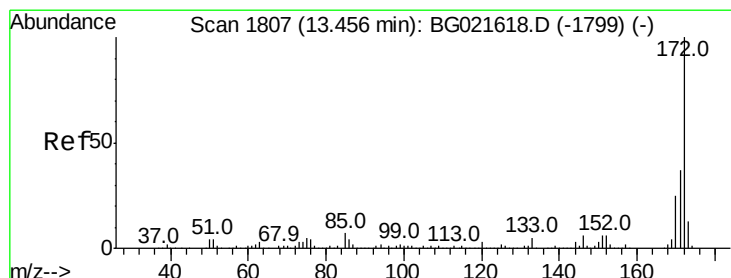
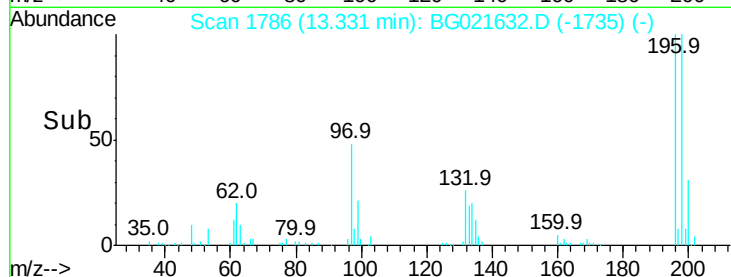
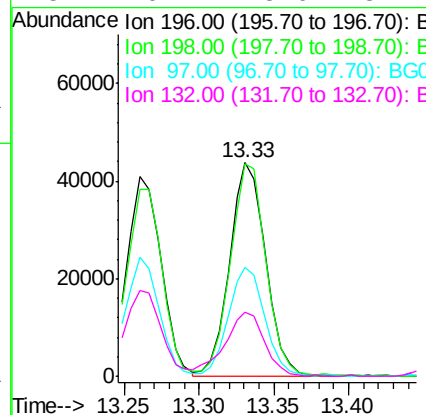
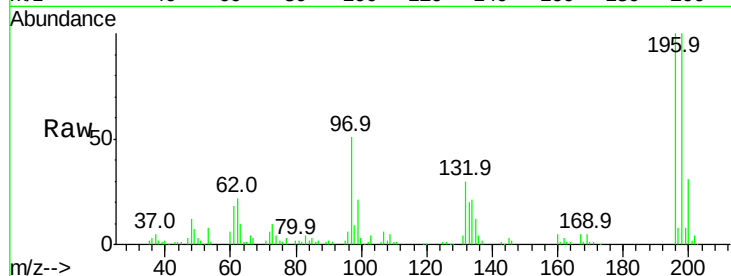
#43
 2,4,5-Trichlorophenol
 Concen: 42.21 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BSD

Tot Ion	196	Resp	73801
Ion Ratio	Lower	Upper	
196	100		
198	99.6	78.0	117.0
97	51.1	43.0	64.6
132	29.7	23.0	34.4

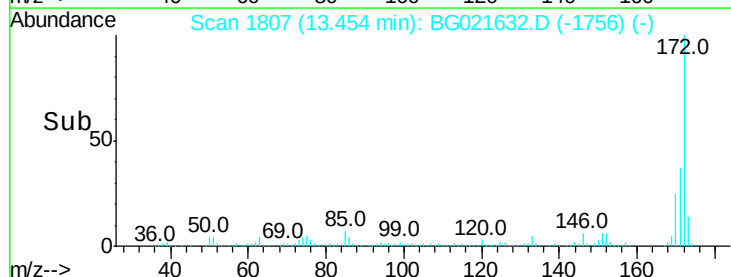
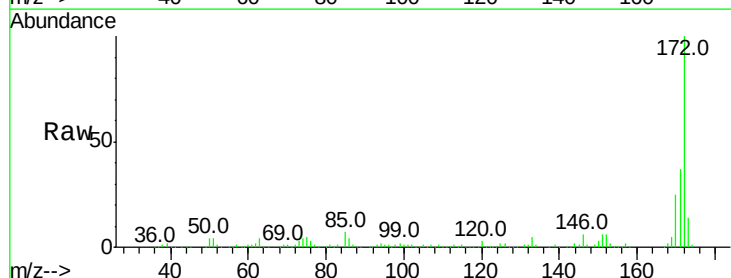
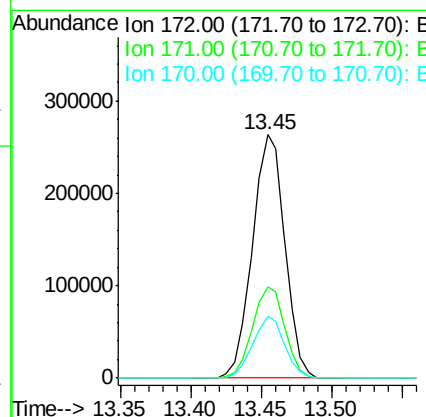
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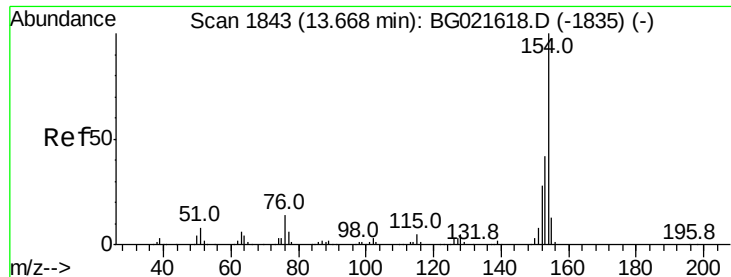
Sohil
 4/14/2016 5:29:59 PM



#44
 2-Fluorobiphenyl
 Concen: 76.62 ng
 RT: 13.45 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Tgt Ion	172	Resp	425153
Ion Ratio	Lower	Upper	
172	100		
171	37.3	27.8	41.6
170	25.2	19.6	29.4





#45

1,1'-Biphenyl

Concen: 35.90 ng

RT: 13.67 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Instrument :

BNA_G

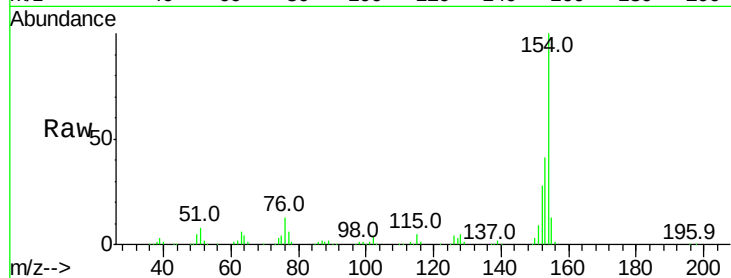
ClientSampleId :

PB89734BSD

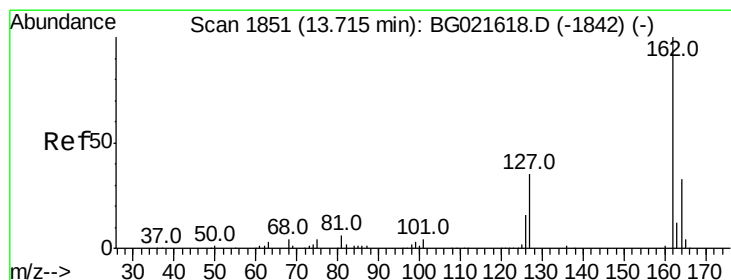
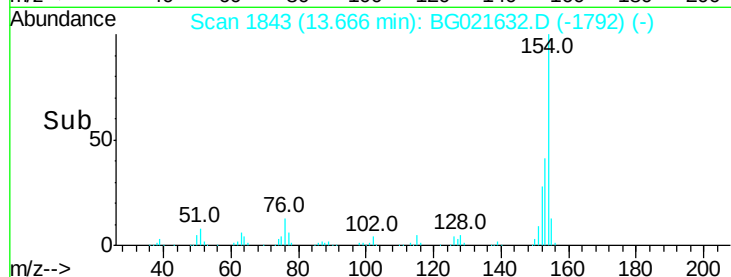
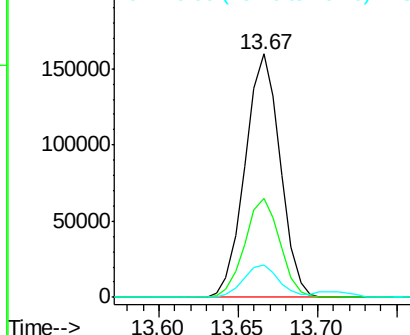
Tot Ion:	154	Resp:	245875
Ion Ratio	Lower	Upper	
154	100		
153	40.9	19.7	59.7
76	13.3	0.0	33.0

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4/14/2016 5:29:59 PM



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



#46

2-Chloronaphthalene

Concen: 37.01 ng

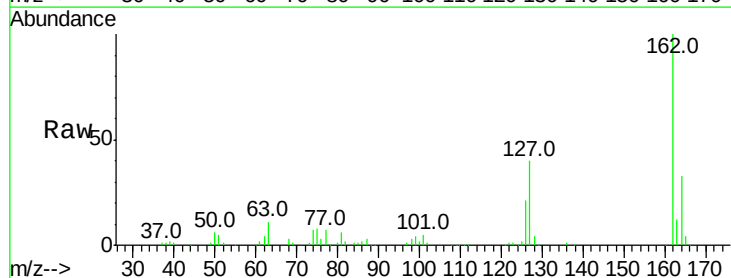
RT: 13.71 min Scan# 1851

Delta R.T. -0.00 min

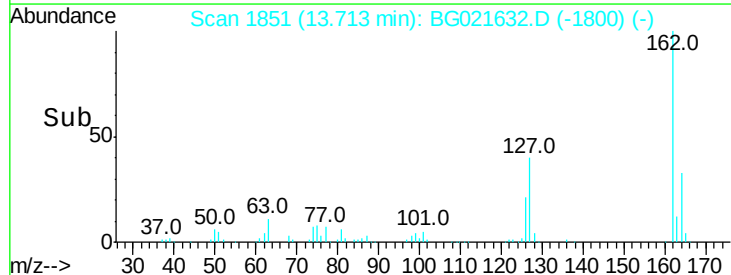
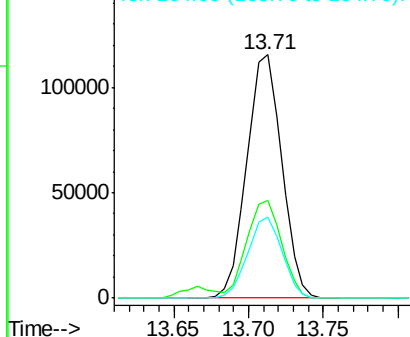
Lab File: BG021632.D

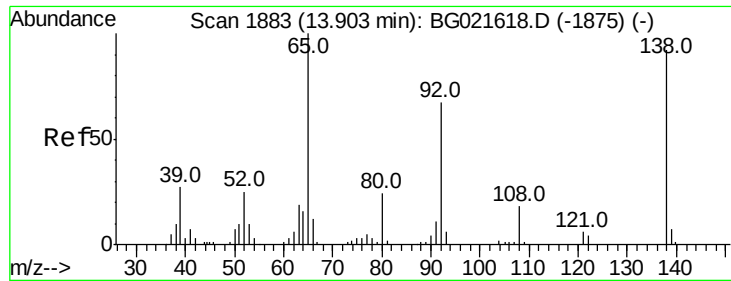
Acq: 13 Apr 2016 22:11

Tgt Ion:	162	Resp:	187418
Ion Ratio	Lower	Upper	
162	100		
127	40.1	32.0	48.0
164	33.1	27.0	40.4



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





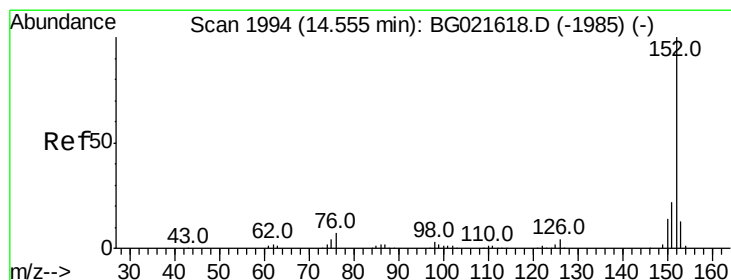
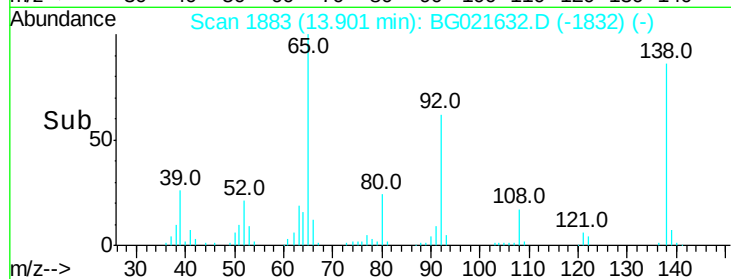
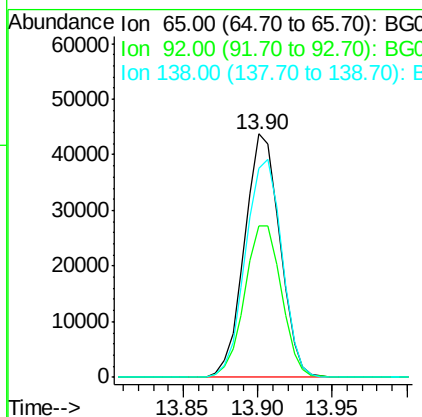
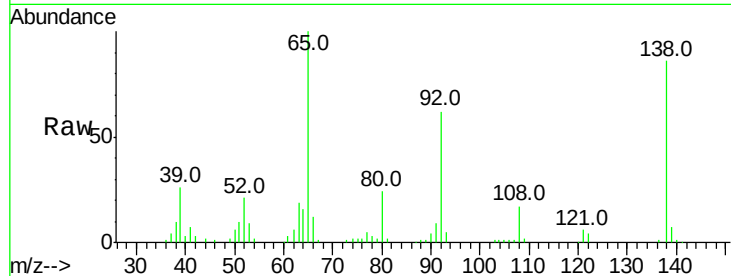
#47
2-Nitroaniline
Concen: 41.32 ng
RT: 13.90 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Instrument :
BNA_G
ClientSampleId :
PB89734BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.3	49.2	73.8
138	85.9	75.0	112.6

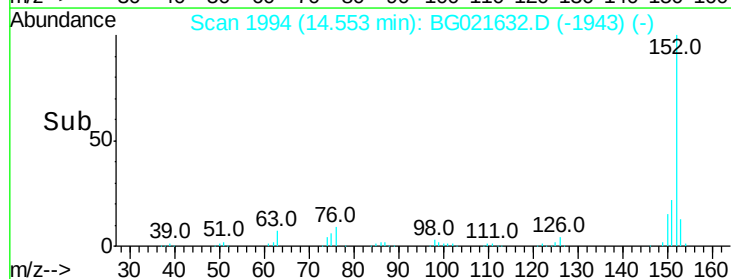
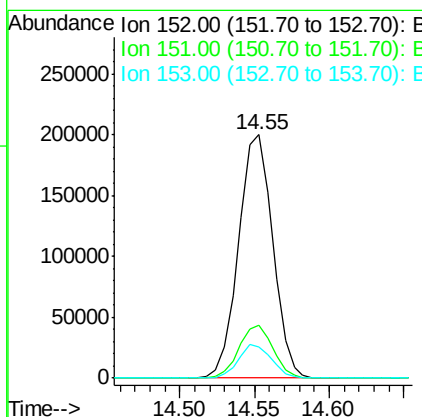
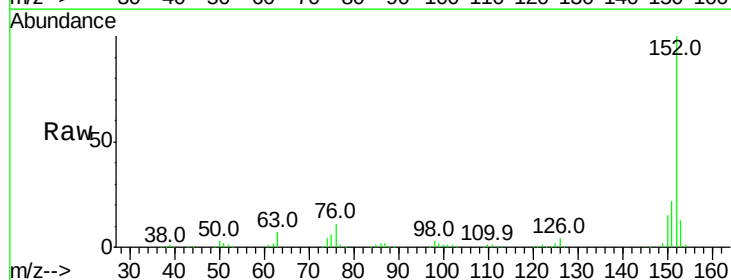
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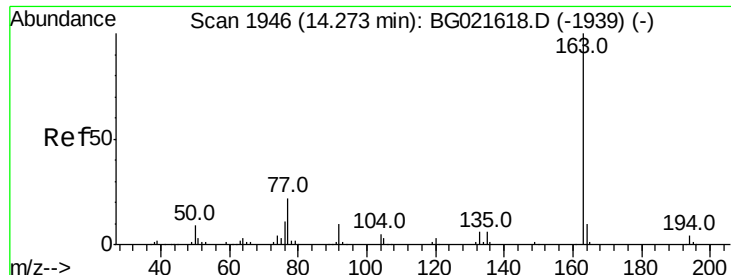
Sohil
4/14/2016 5:29:59 PM



#48
Acenaphthylene
Concen: 38.07 ng
RT: 14.55 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.6	24.8
153	12.9	10.2	15.2





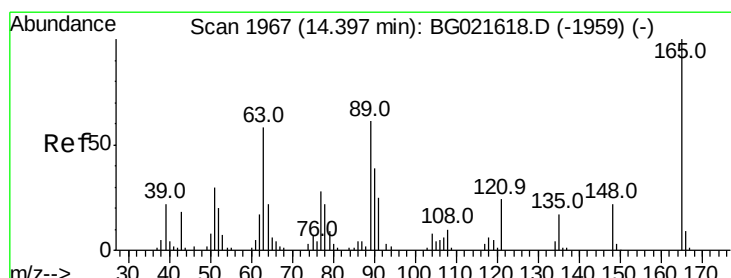
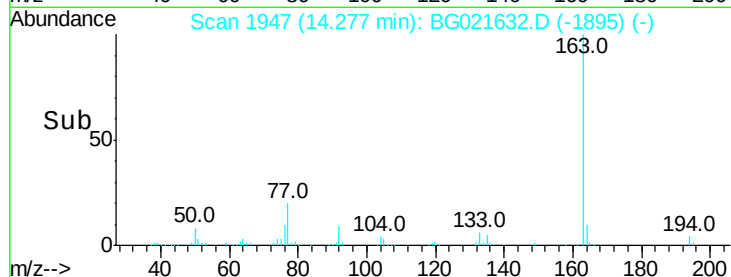
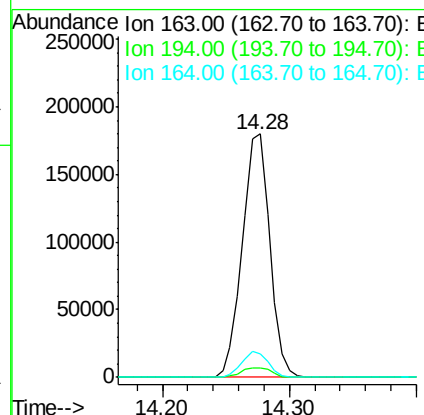
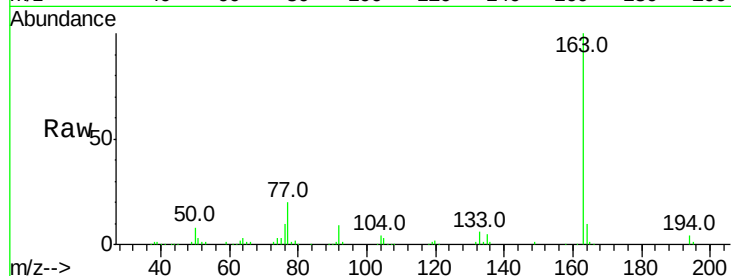
#49
Dimethylphthalate
Concen: 38.34 ng
RT: 14.28 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Instrument :
BNA_G
ClientSampleId :
PB89734BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.1	3.0	4.6
164	9.7	8.1	12.1

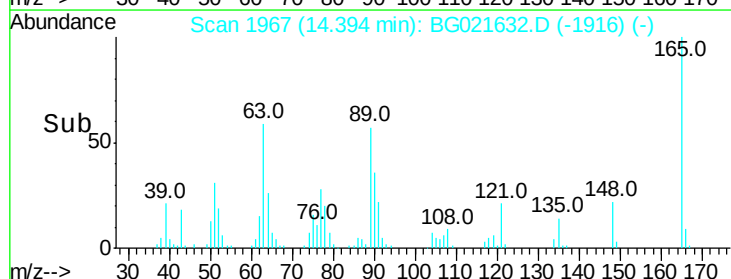
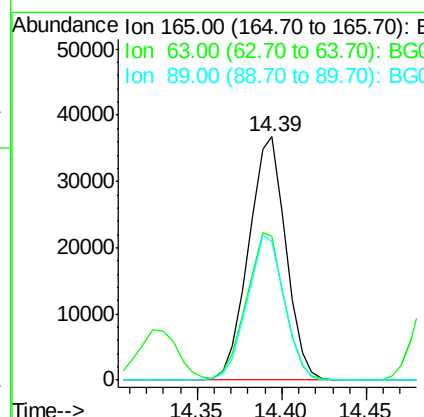
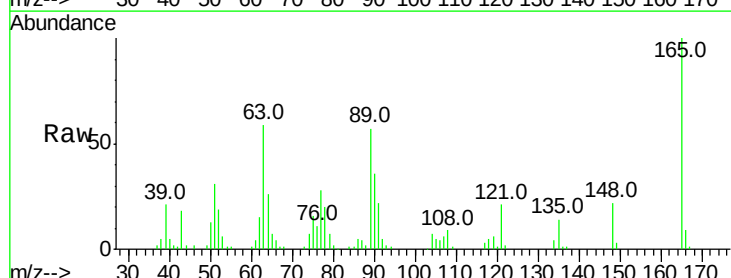
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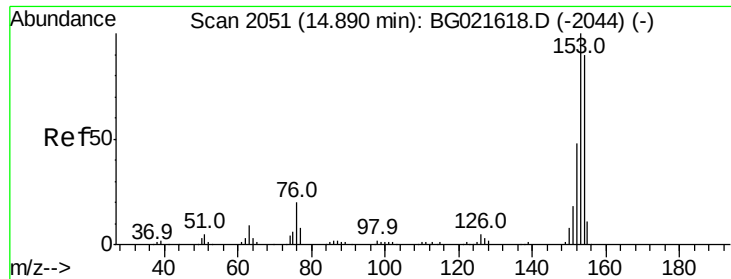
Sohil
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#50
2,6-Dinitrotoluene
Concen: 42.01 ng
RT: 14.39 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	59.1	48.2	72.4
89	56.9	45.3	67.9





#51

Acenaphthene

Concen: 41.28 ng

RT: 14.89 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Instrument :

BNA_G

ClientSampleId :

PB89734BSD

Tot Ion:154 Resp: 220933

Ion Ratio Lower Upper

154 100

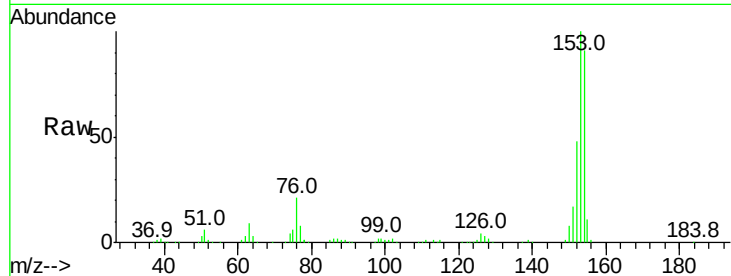
153 110.0 91.9 137.9

152 53.1 42.0 63.0

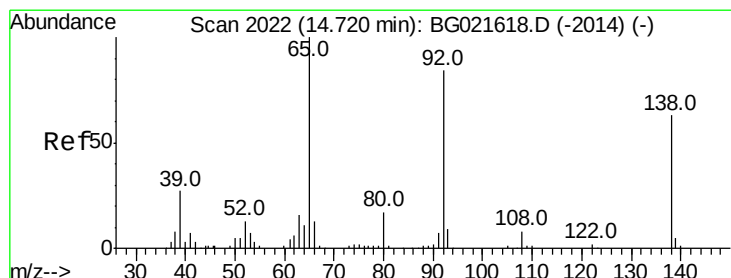
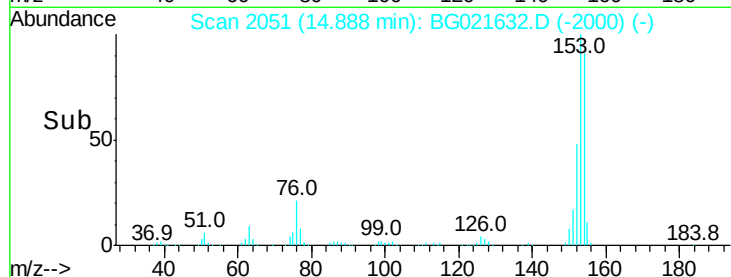
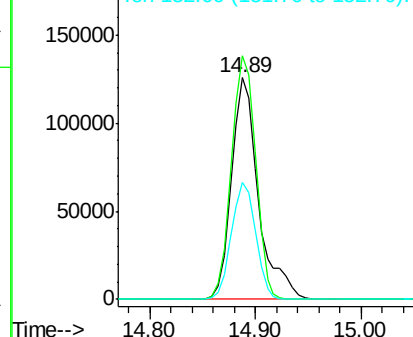
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 9.68 ng

RT: 14.72 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

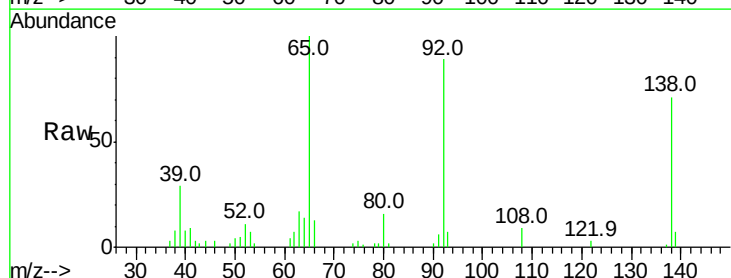
Tgt Ion:138 Resp: 14388

Ion Ratio Lower Upper

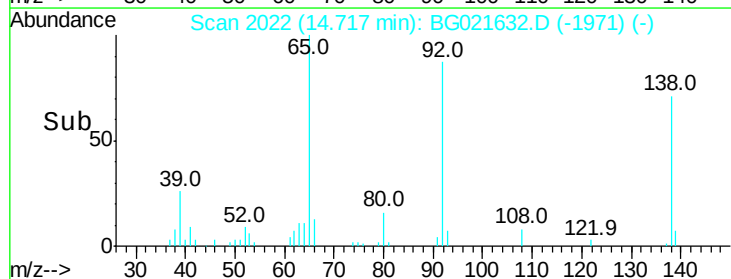
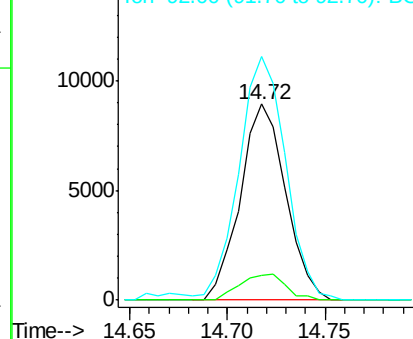
138 100

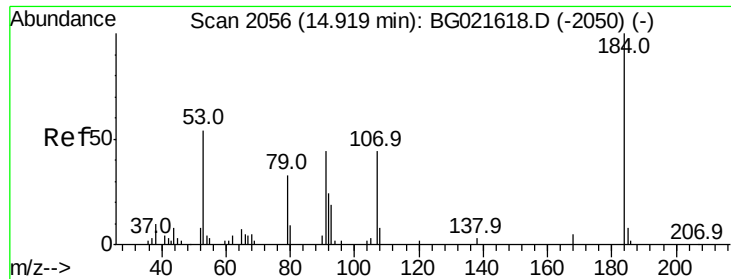
108 12.4 9.1 13.7

92 124.2 102.6 154.0



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): BG





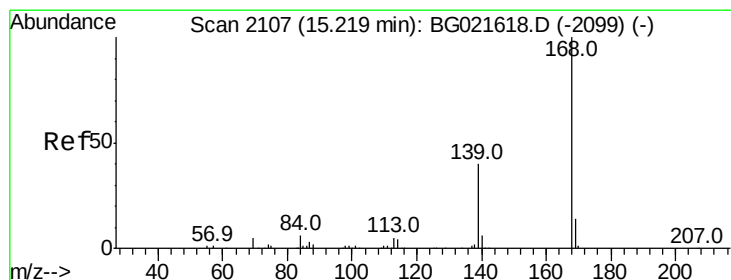
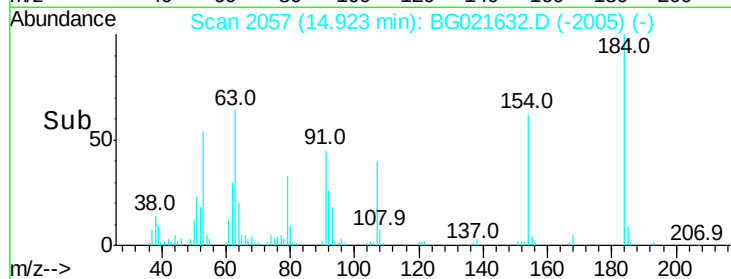
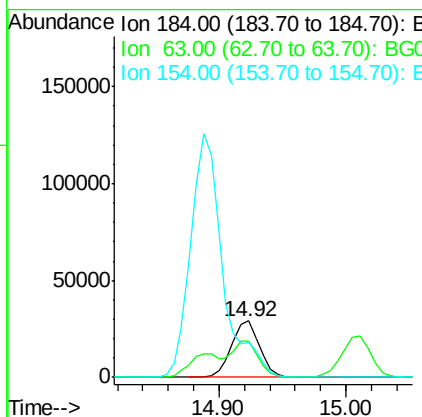
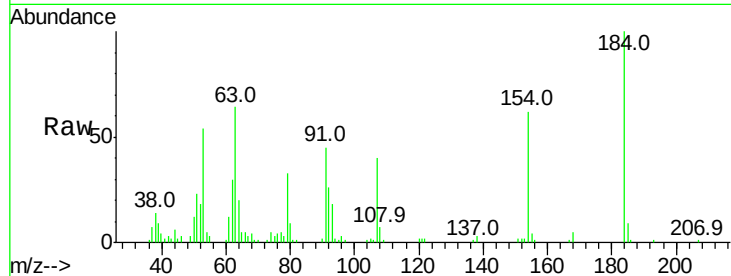
#53
2,4-Dinitrophenol
Concen: 86.74 ng
RT: 14.92 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Instrument :
BNA_G
ClientSampleId :
PB89734BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	63.6	57.3	85.9
154	61.7	55.2	82.8

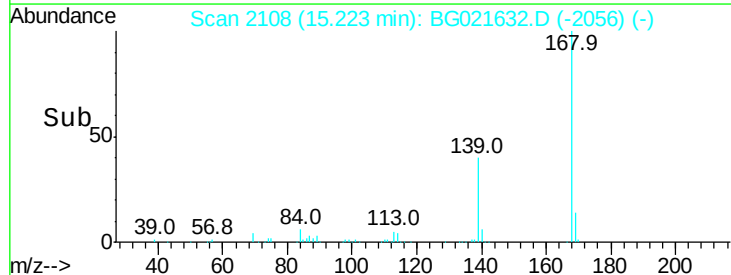
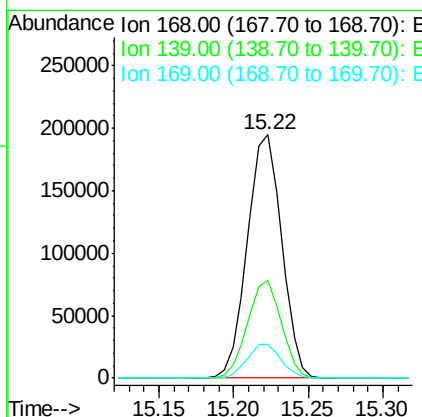
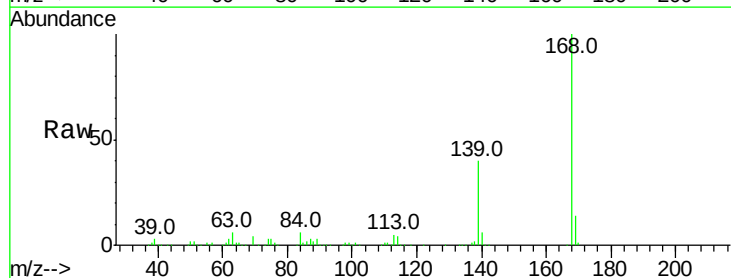
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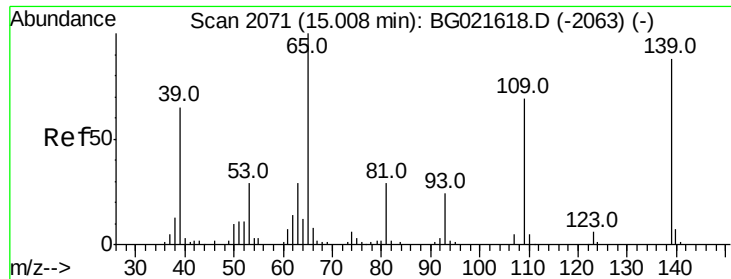
Sohil
4/14/2016 5:29:59 PM



#54
Dibenzofuran
Concen: 42.37 ng
RT: 15.22 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.1	31.1	46.7
169	13.9	11.0	16.6





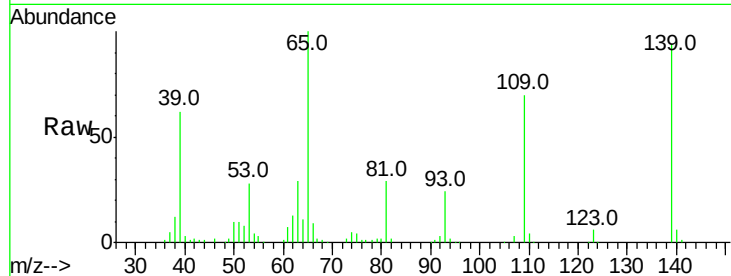
#55
4-Nitrophenol
Concen: 87.13 ng
RT: 15.01 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Instrument :
BNA_G
ClientSampleId :
PB89734BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	110894		
109	74.4	49.2	89.2	
65	106.7	83.2	123.2	

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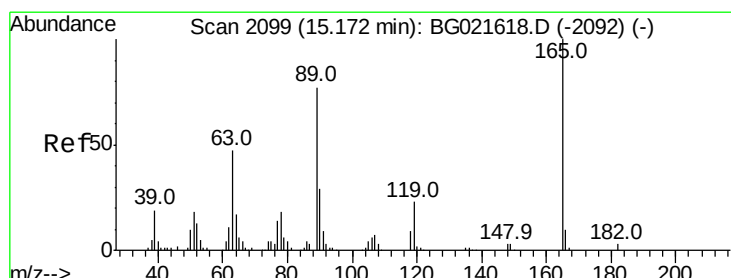
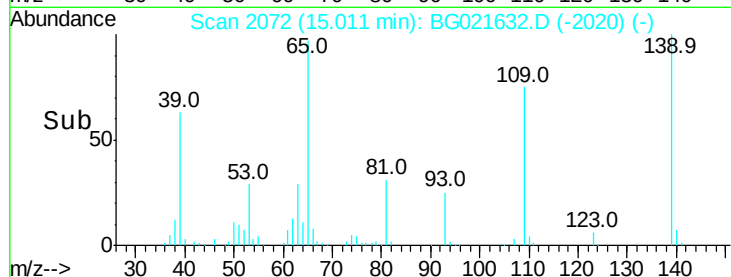
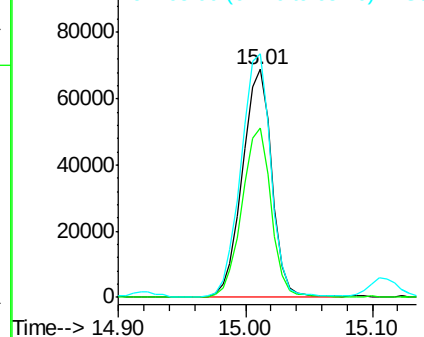


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56
2,4-Dinitrotoluene
Concen: 45.15 ng
RT: 15.17 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	81780		
63	48.7	37.4	56.0	
89	75.7	59.4	89.0	
182	2.7	2.1	3.1	

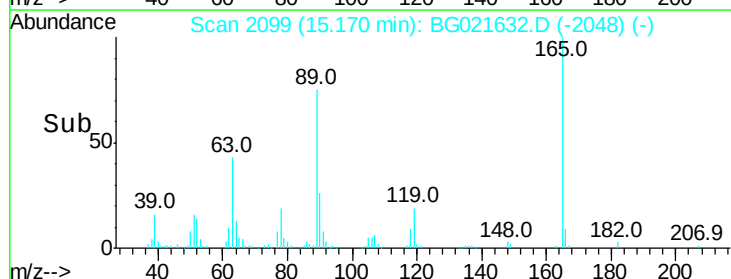
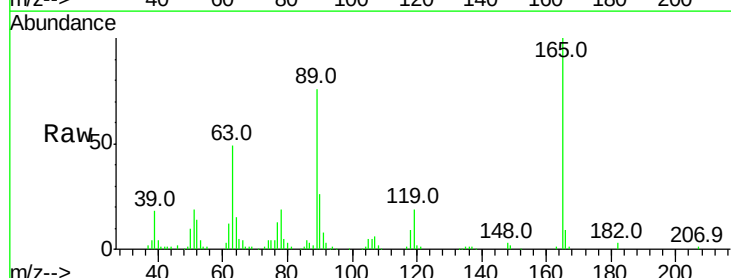
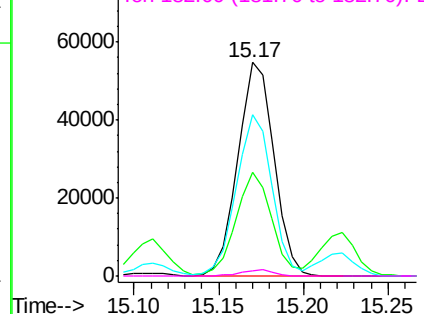
Abundance

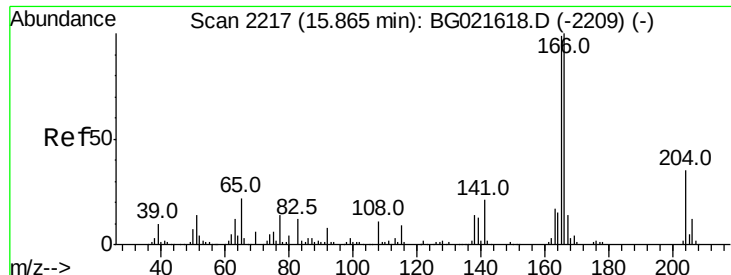
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





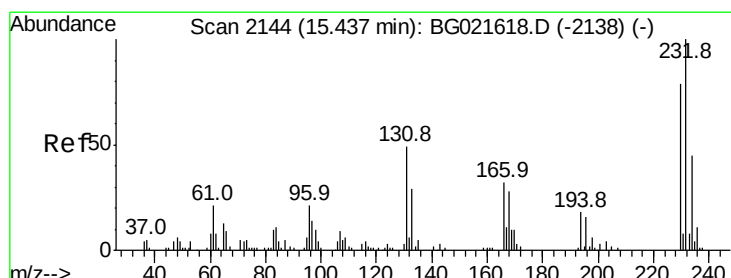
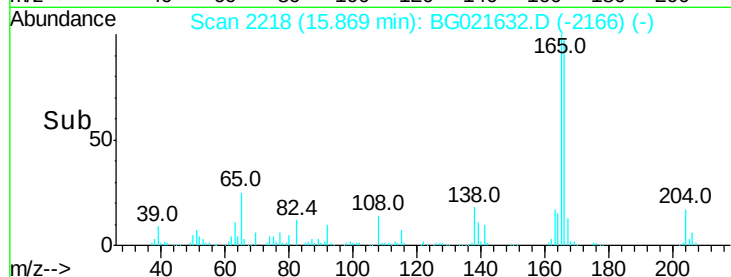
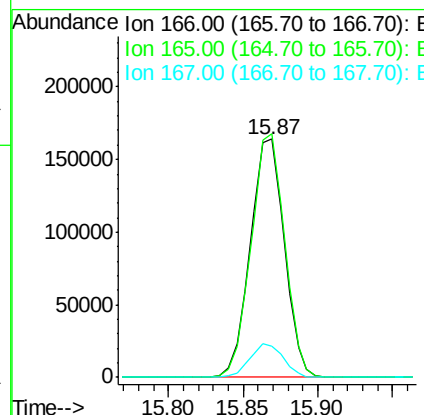
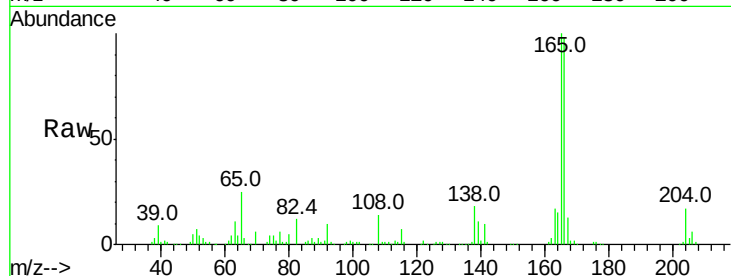
#57
 Fluorene
 Concen: 39.45 ng
 RT: 15.87 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	102.3	79.0	118.4	
167	13.3	10.7	16.1	

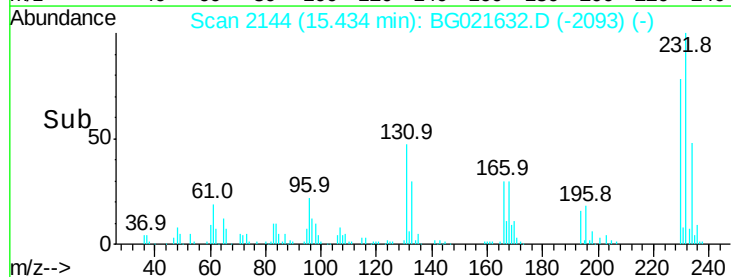
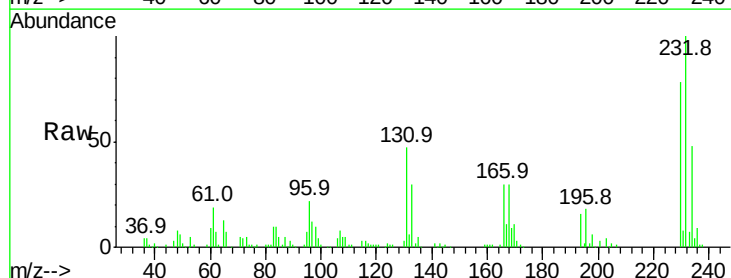
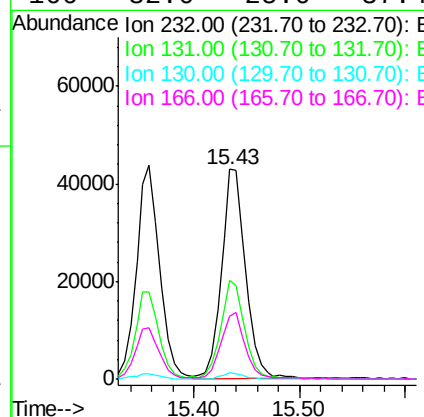
Manual Integrations
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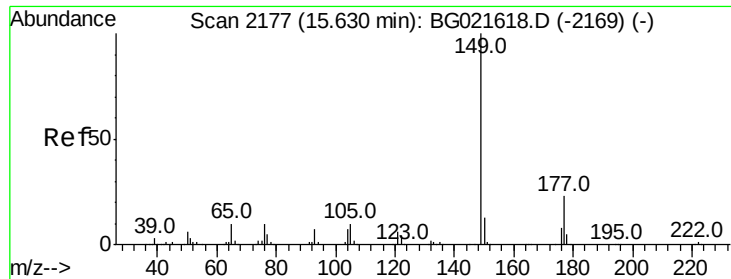
Sohil
 4/14/2016 5:29:59 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.94 ng
 RT: 15.43 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	47.1	36.3	54.5	
130	2.5	1.9	2.9	
166	32.0	25.0	37.4	





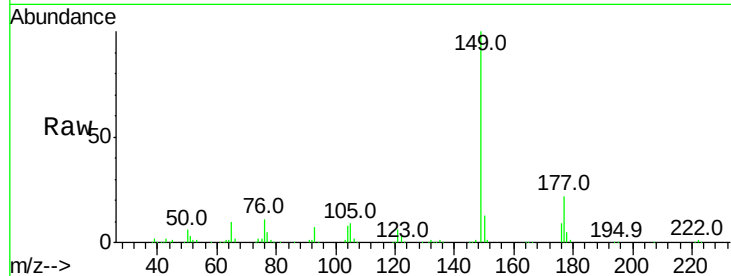
#59
Diethylphthalate
Concen: 38.59 ng
RT: 15.63 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Instrument :
BNA_G
ClientSampleId :
PB89734BSD

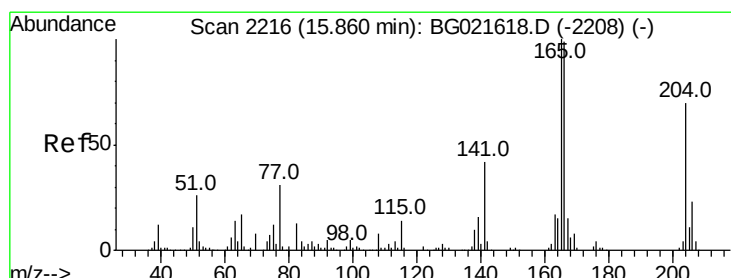
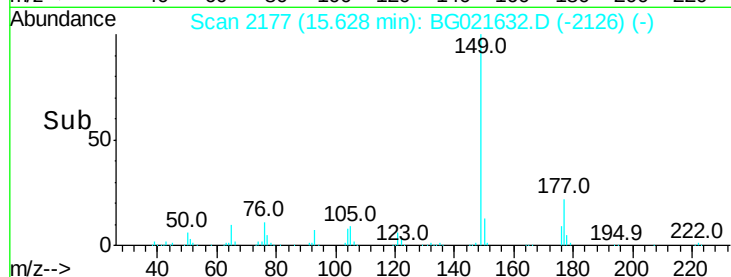
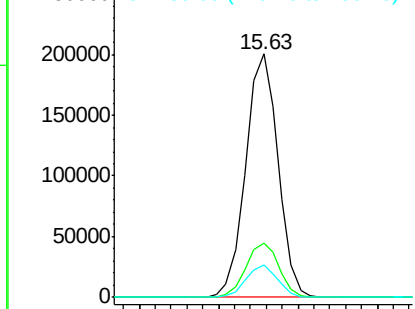
Tot Ion	Ratio	Resp	Lower	Upper
149	100	283112		
177	22.2	17.3	25.9	
150	13.3	9.7	14.5	

Manual Integrations
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4/14/2016 5:29:59 PM

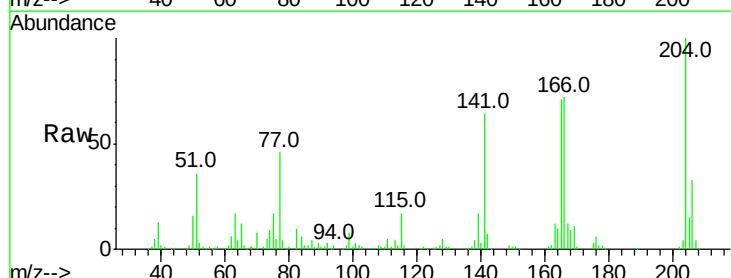


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

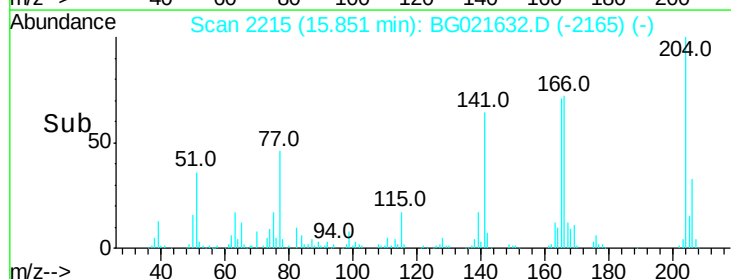
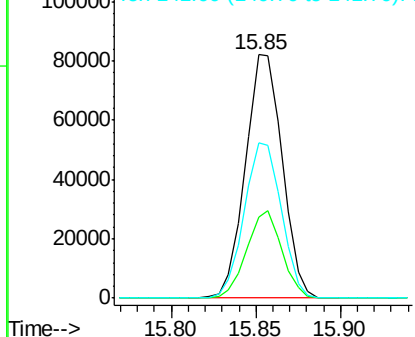


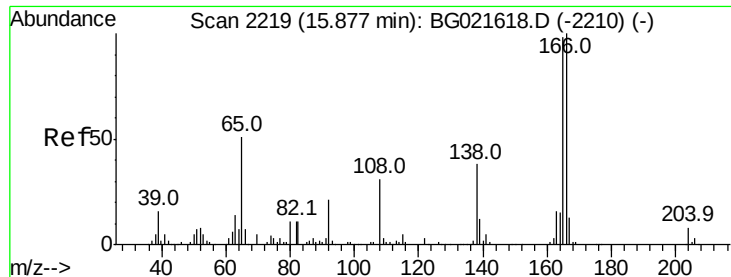
#60
4-Chlorophenyl-phenylether
Concen: 38.64 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	124246		
206	33.2	27.8	41.8	
141	64.0	51.0	76.4	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





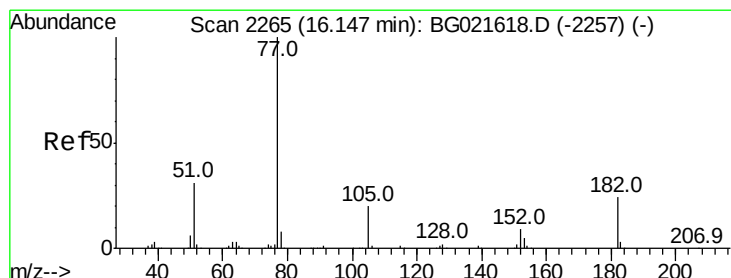
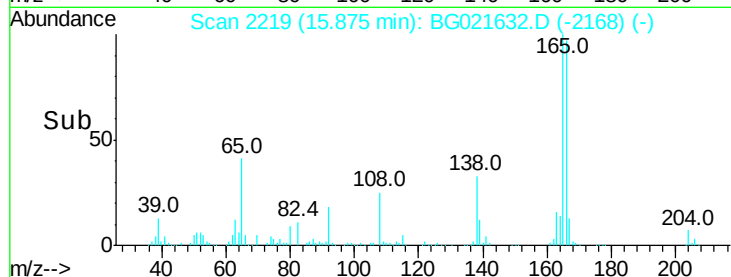
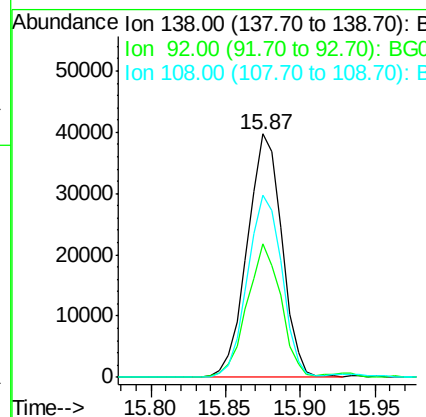
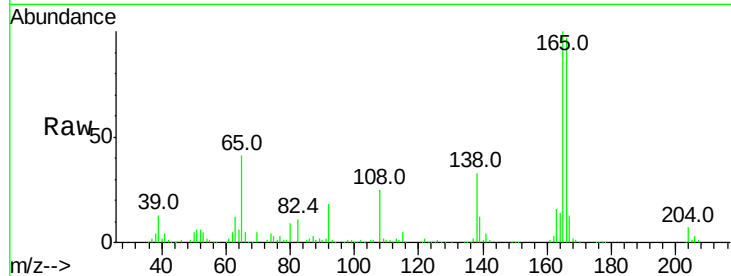
#61
 4-Nitroaniline
 Concen: 38.99 ng
 RT: 15.87 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BSD

Tot Ion:	138	Resp:	63767
Ion Ratio	Lower	Upper	
138	100		
92	54.9	37.7	77.7
108	75.0	59.4	99.4

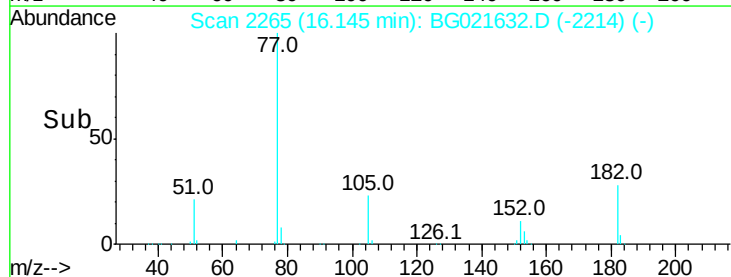
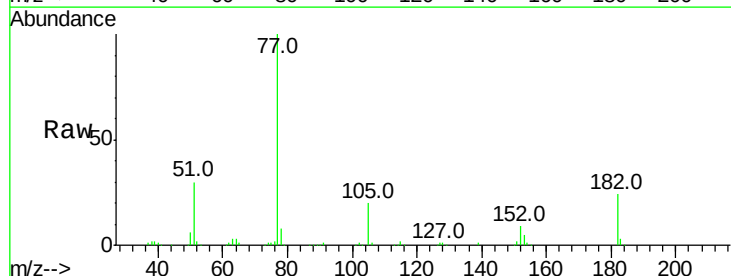
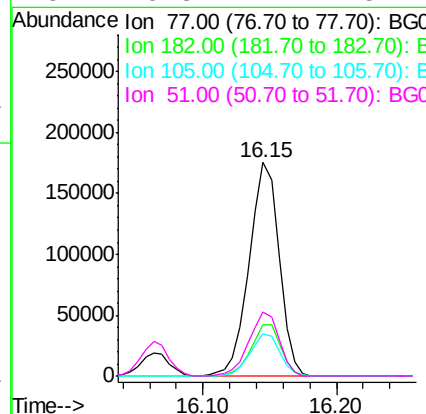
Manual Integrations
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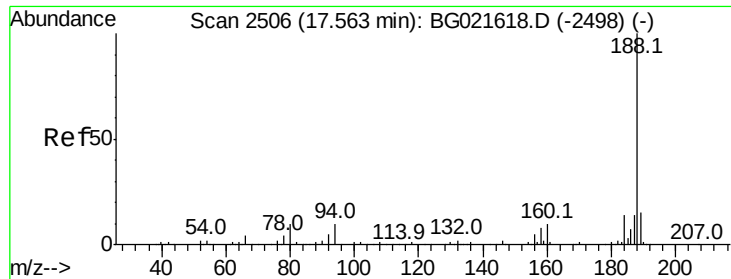
Sohil
 4/14/2016 5:29:59 PM



#62
 Azobenzene
 Concen: 43.11 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Tgt Ion:	77	Resp:	271058
Ion Ratio	Lower	Upper	
77	100		
182	23.9	4.1	44.1
105	19.9	0.0	39.8
51	29.8	11.1	51.1





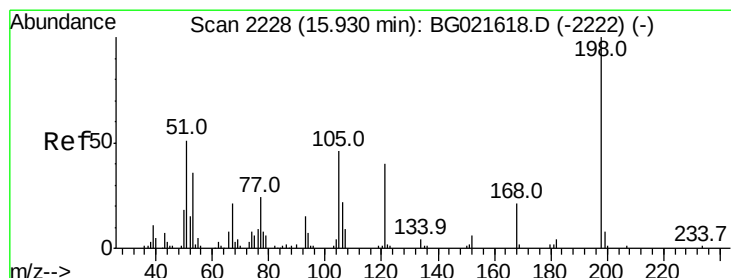
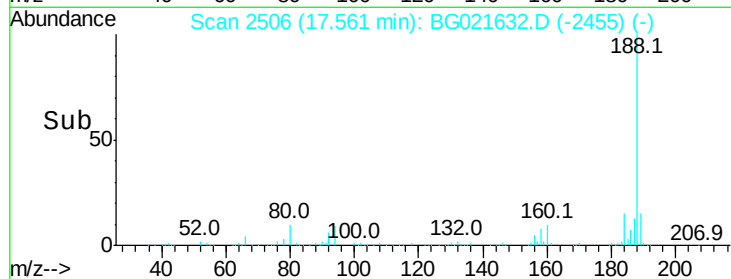
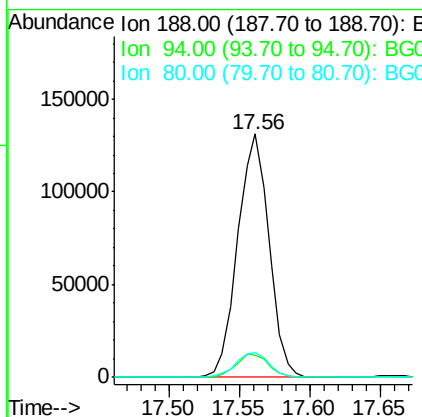
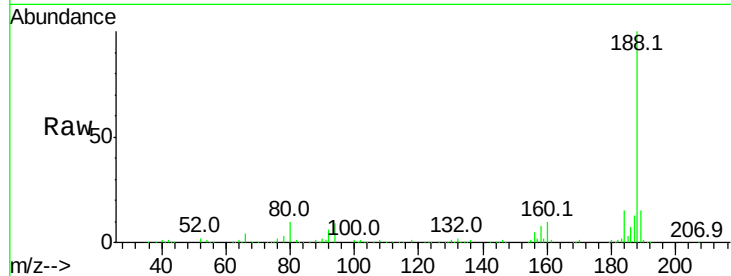
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.3	7.5	11.3	
80	10.0	8.6	13.0	

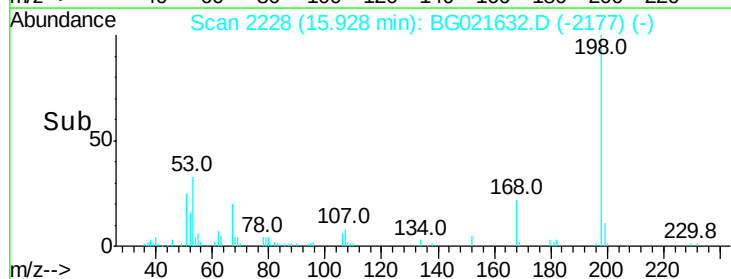
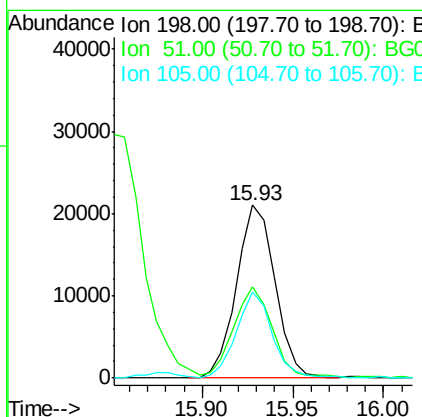
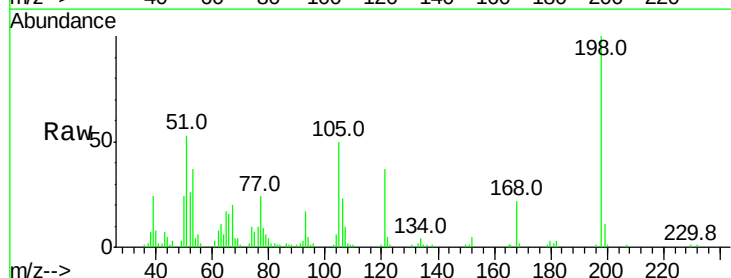
Manual Integrations
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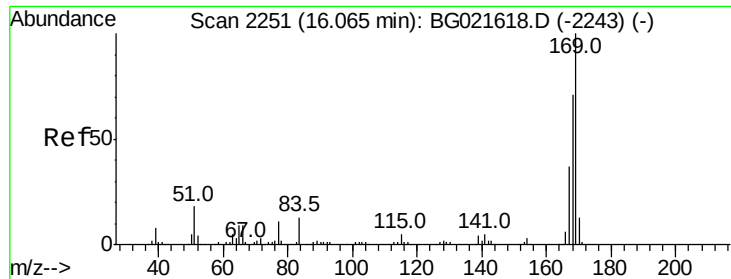
Sohil
 4/14/2016 5:29:59 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.00 ng
 RT: 15.93 min Scan# 2228
 Delta R.T. -0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	53.2	29.2	69.2	
105	49.7	24.0	64.0	





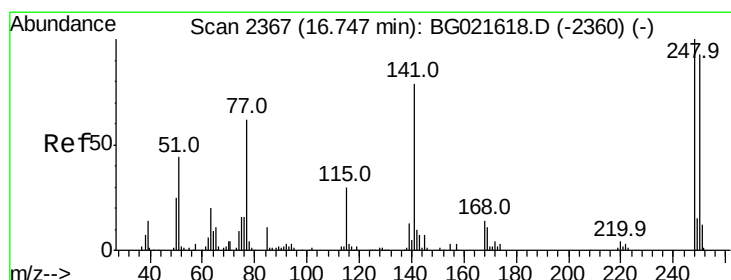
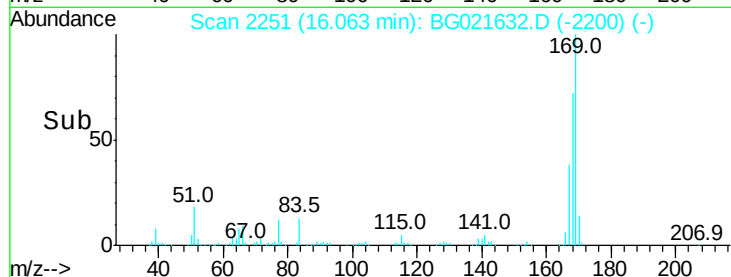
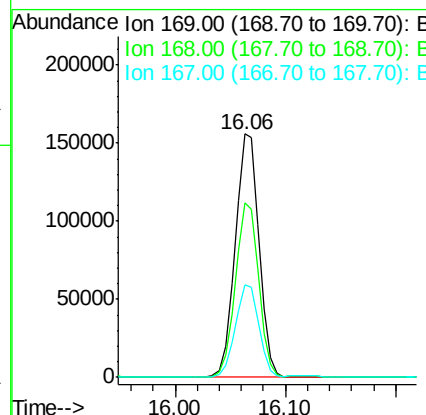
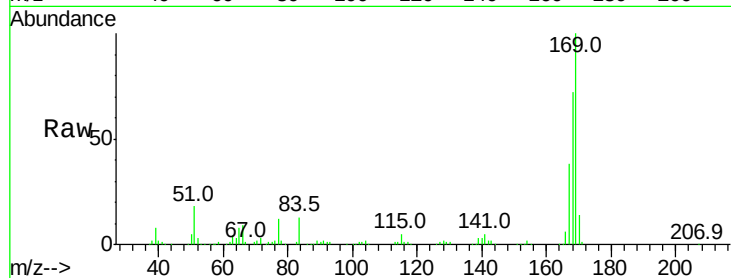
#65
 n-Nitrosodiphenylamine
 Concen: 38.62 ng
 RT: 16.06 min Scan# 2251
 Delta R.T. -0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	235679		
168	71.5	59.6	89.4	
167	37.9	31.2	46.8	

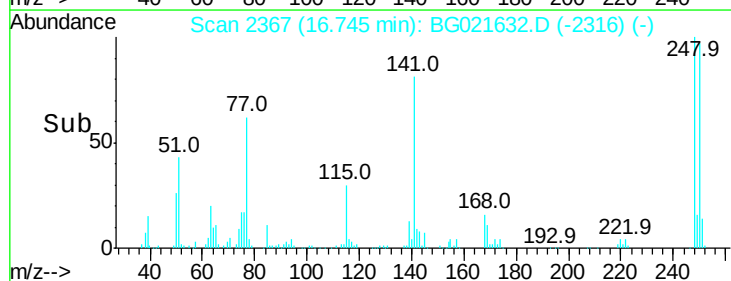
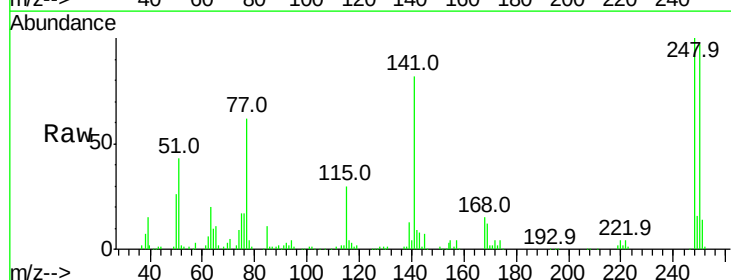
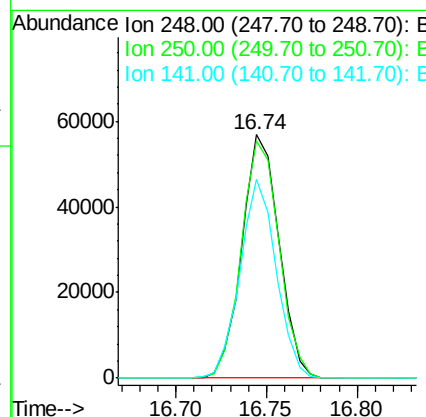
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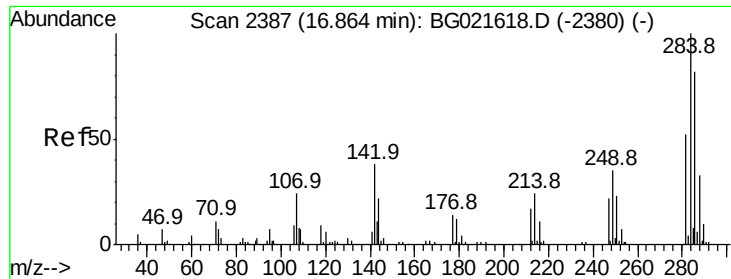
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#66
 4-Bromophenyl-phenylether
 Concen: 37.20 ng
 RT: 16.74 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	81089		
250	97.4	76.6	114.8	
141	81.5	63.8	95.6	





#67

Hexachlorobenzene

Concen: 37.08 ng

RT: 16.86 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Instrument :

BNA_G

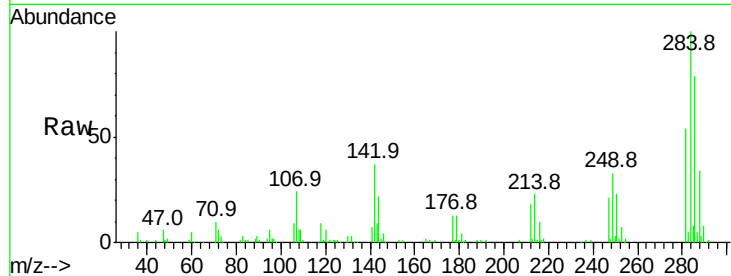
ClientSampleId :

PB89734BSD

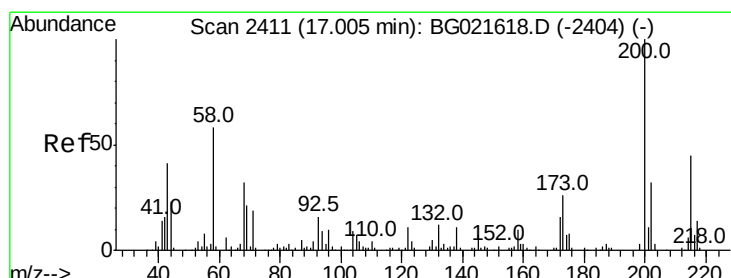
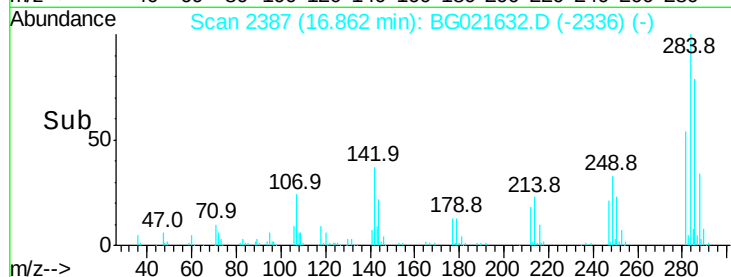
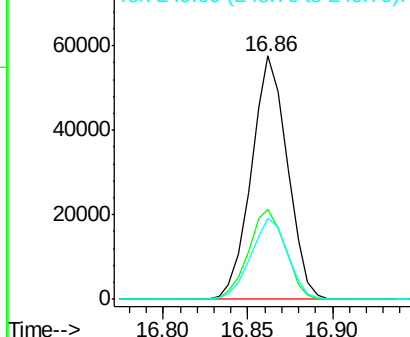
Tot Ion:	284	Resp:	85334
Ion Ratio	Lower	Upper	
284	100		
142	37.0	31.8	47.6
249	33.2	27.3	40.9

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



#68

Atrazine

Concen: 36.00 ng

RT: 17.00 min Scan# 2411

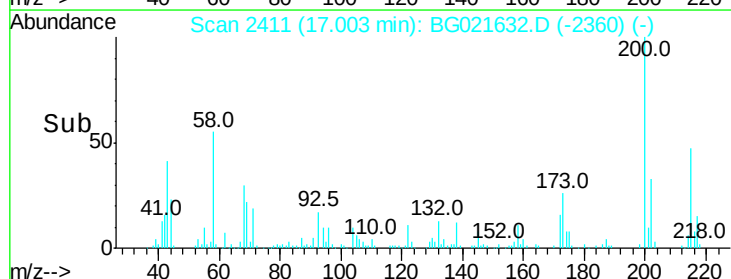
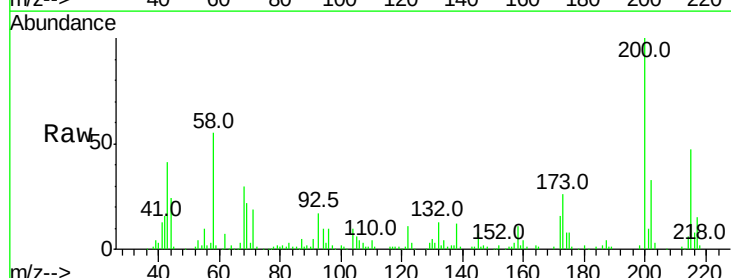
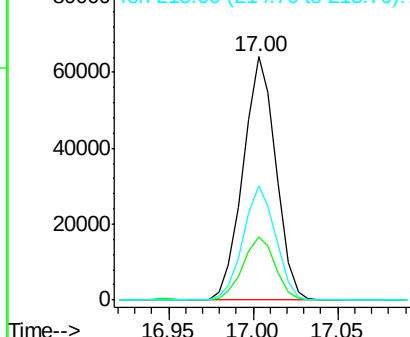
Delta R.T. -0.00 min

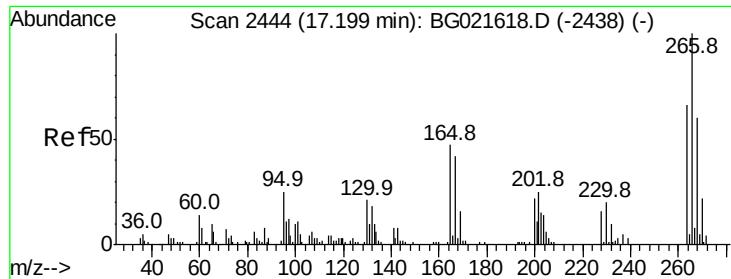
Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Tgt Ion:	200	Resp:	86746
Ion Ratio	Lower	Upper	
200	100		
173	25.7	5.1	45.1
215	46.8	28.0	68.0

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





#69

Pentachlorophenol

Concen: 83.42 ng

RT: 17.20 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Instrument :

BNA_G

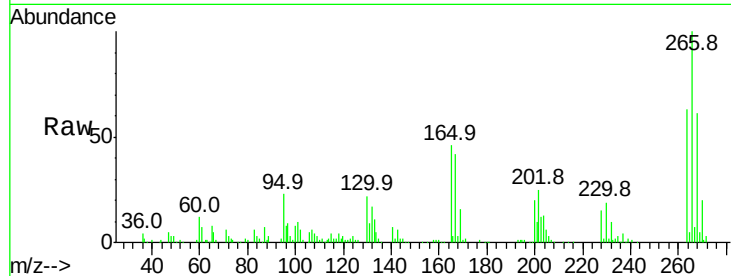
ClientSampleId :

PB89734BSD

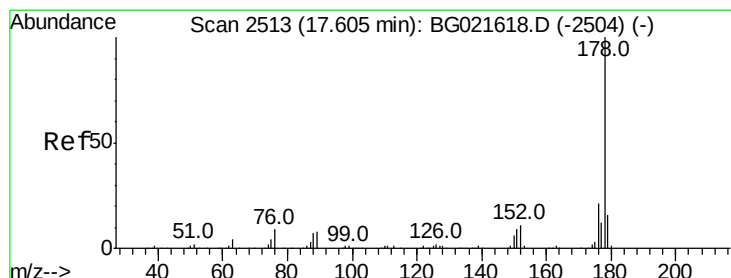
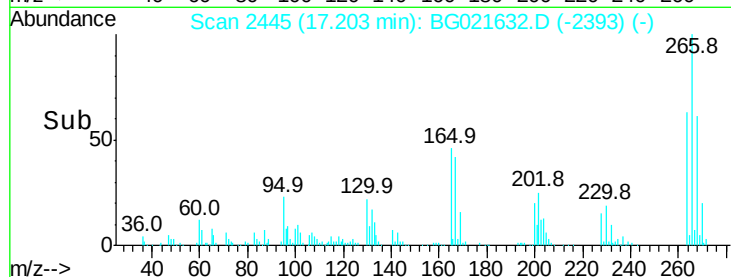
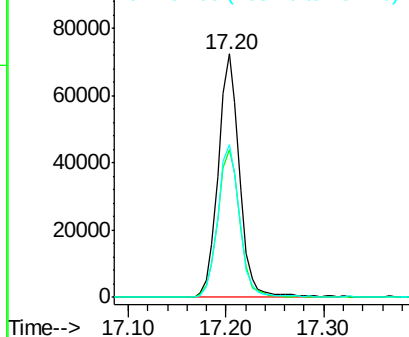
Tot Ion:	266	Resp:	109604
Ion Ratio		Lower	Upper
266	100		
268	60.8	54.5	81.7
264	62.9	53.8	80.6

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



#70

Phenanthrene

Concen: 38.54 ng

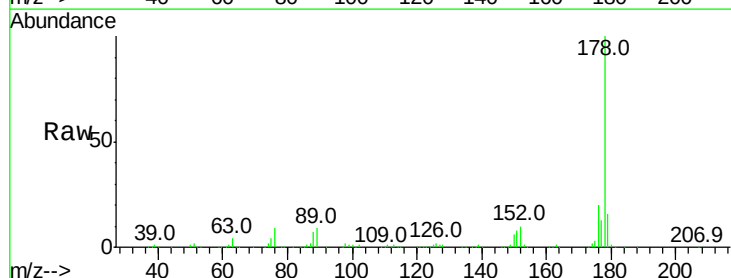
RT: 17.60 min Scan# 2513

Delta R.T. -0.00 min

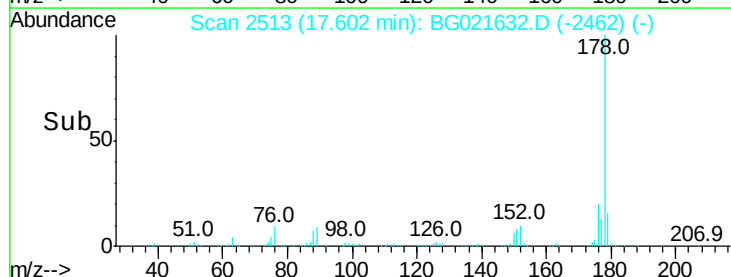
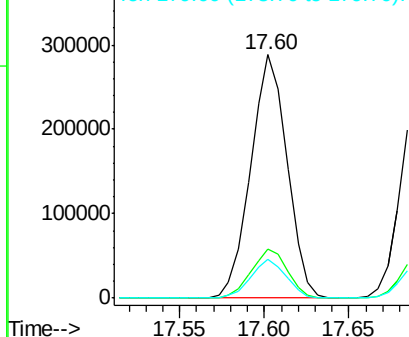
Lab File: BG021632.D

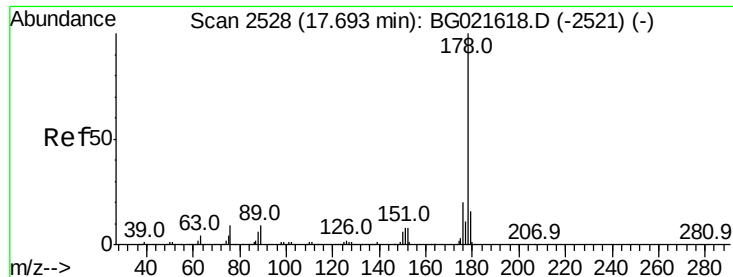
Acq: 13 Apr 2016 22:11

Tgt Ion:	178	Resp:	432195
Ion Ratio		Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.8	12.0	18.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





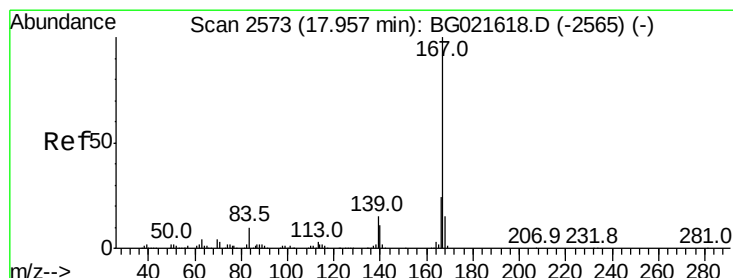
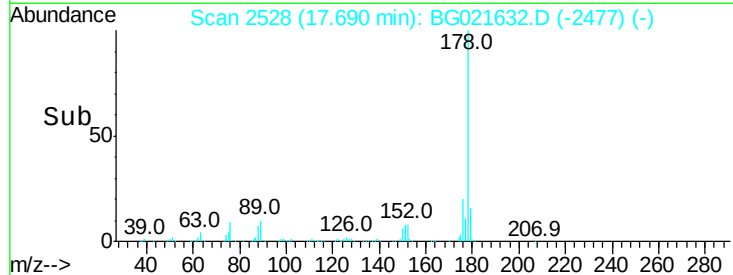
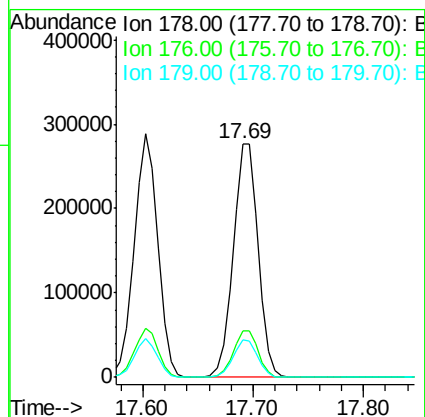
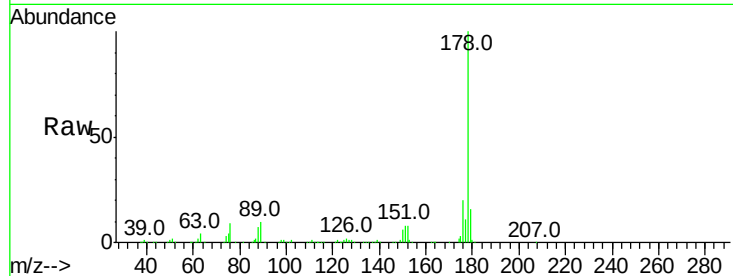
#71
 Anthracene
 Concen: 38.46 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BSD

Tot Ion:	178	Resp:	437814
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.0	22.4
179	15.8	12.2	18.4

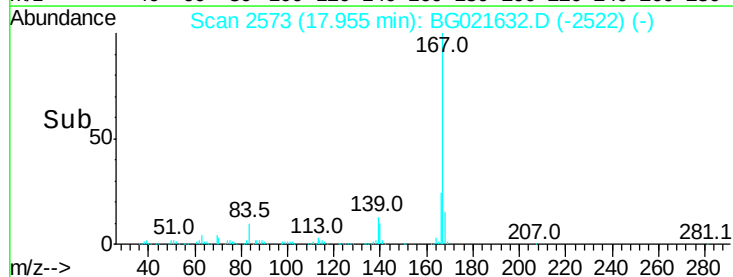
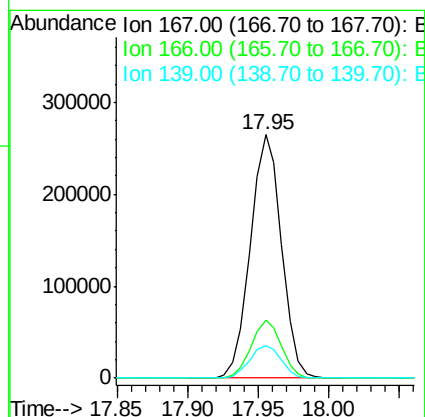
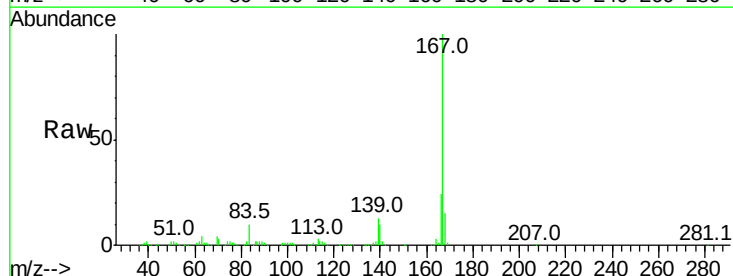
Manual Integrations
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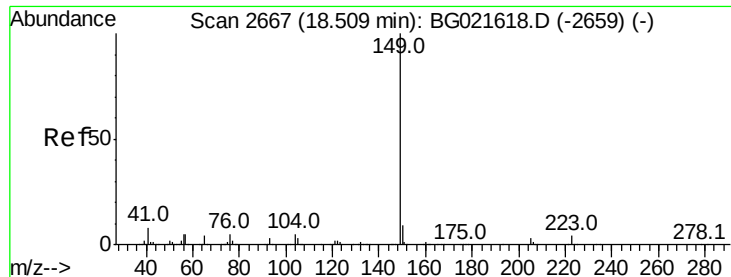
Sohil
 4/14/2016 5:29:59 PM



#72
 Carbazole
 Concen: 38.56 ng
 RT: 17.95 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Tgt Ion:	167	Resp:	409677
Ion Ratio	Lower	Upper	
167	100		
166	24.0	18.6	27.8
139	13.4	10.6	15.8





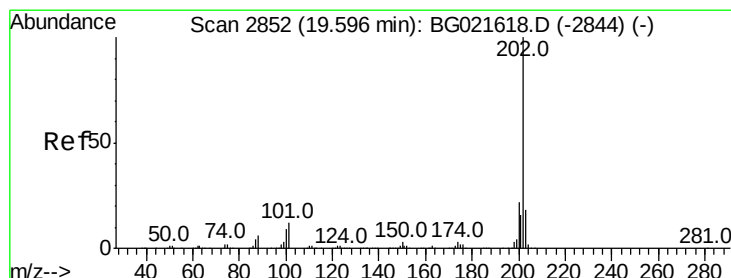
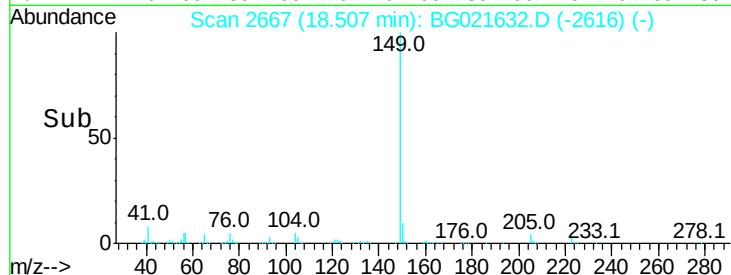
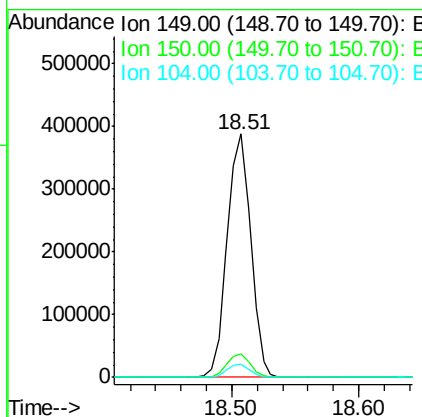
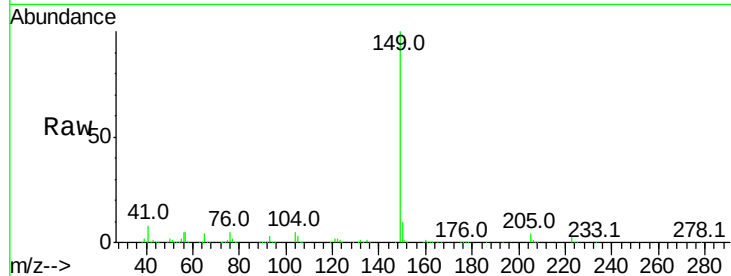
#73
Di-n-butylphthalate
Concen: 36.84 ng
RT: 18.51 min Scan# 2667
Delta R.T. -0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Instrument :
BNA_G
ClientSampleId :
PB89734BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.7	7.4	11.0	
104	5.4	4.0	6.0	

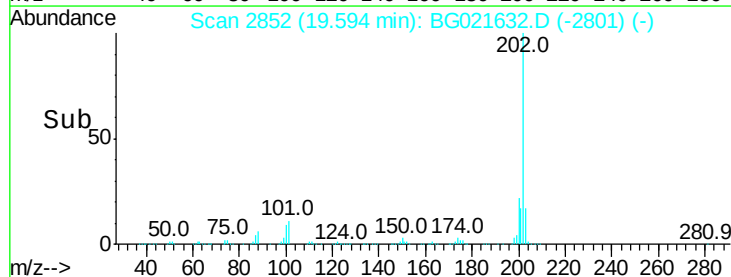
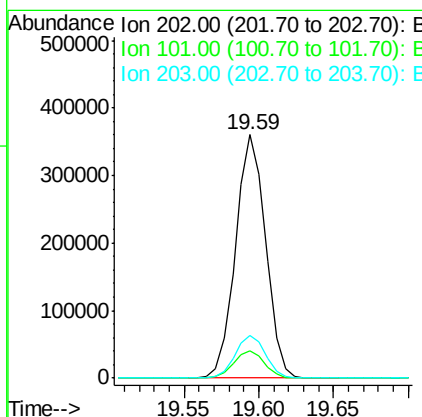
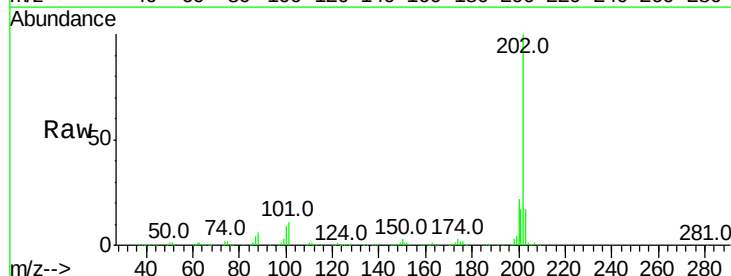
Manual Integrations
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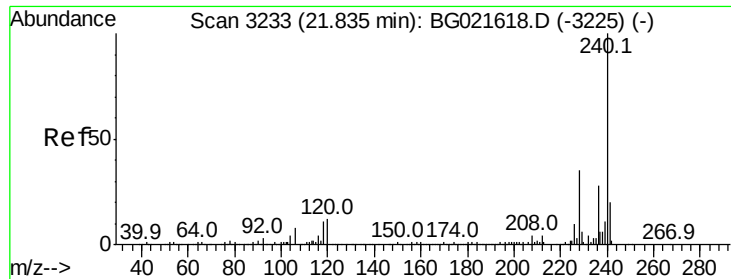
Sohil
4/14/2016 5:29:59 PM



#74
Fluoranthene
Concen: 37.63 ng
RT: 19.59 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.4	0.0	31.0	
203	17.5	0.0	37.9	





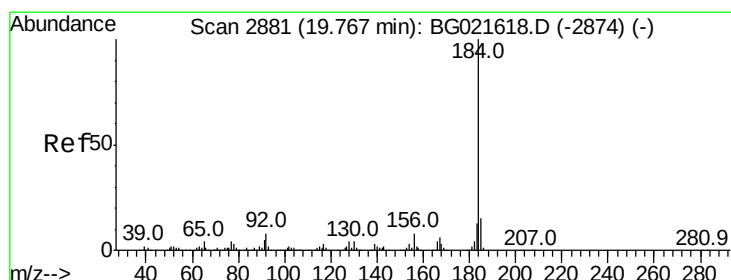
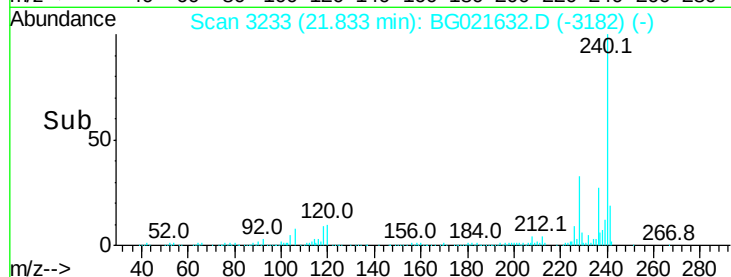
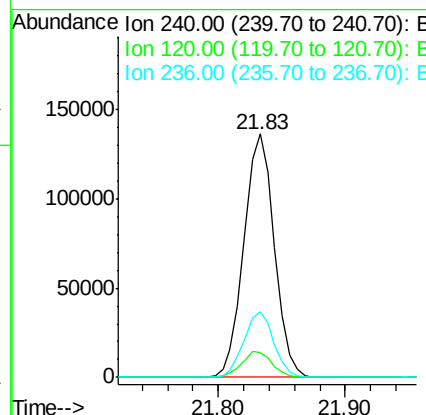
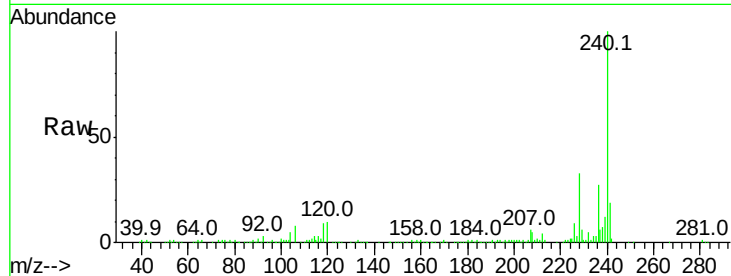
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3233
Delta R.T. -0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Instrument :
BNA_G
ClientSampleId :
PB89734BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	226449		
120	10.3		8.4	12.6
236	27.0		19.6	29.4

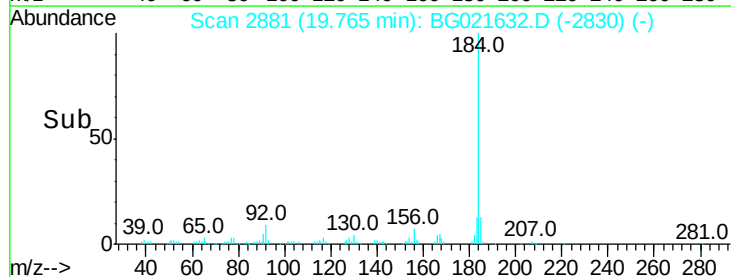
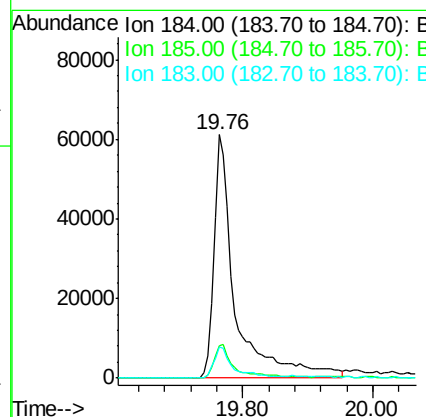
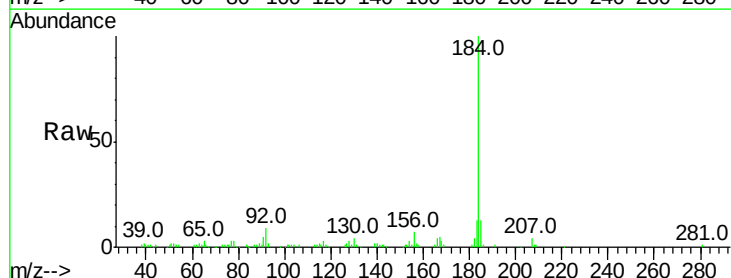
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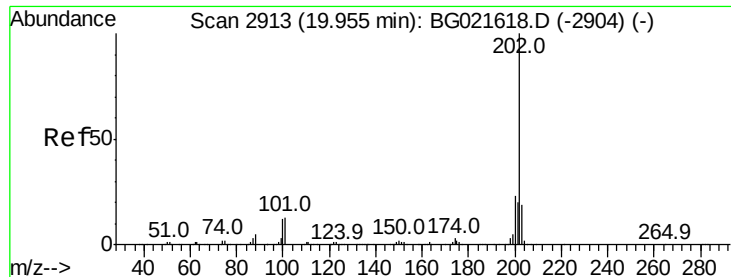
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#76
Benzidine
Concen: 19.71 ng
RT: 19.76 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	138980		
185	13.5		11.5	17.3
183	13.0		10.2	15.4





#77

Pvrene

Concen: 39.78 ng

RT: 19.95 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Instrument :

BNA_G

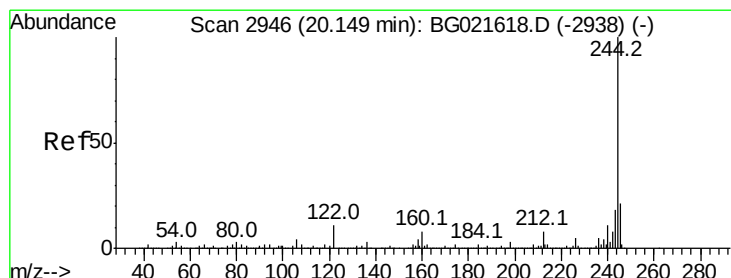
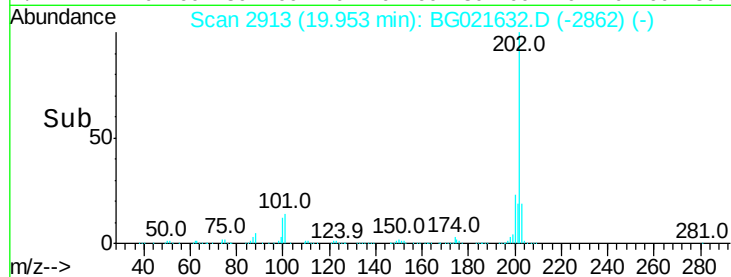
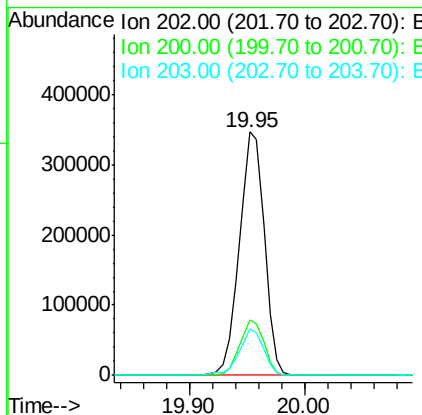
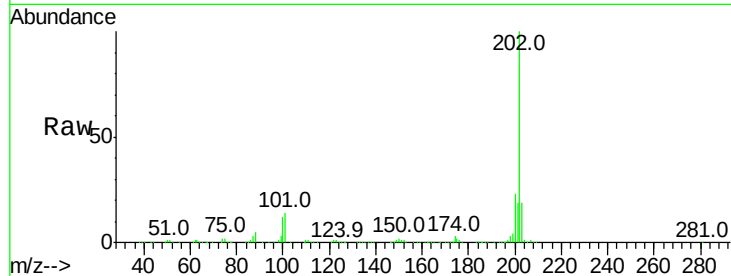
ClientSampleId :

PB89734BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.9	18.2	27.2
203	19.2	15.0	22.4

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#78

Terphenyl-d14

Concen: 74.77 ng

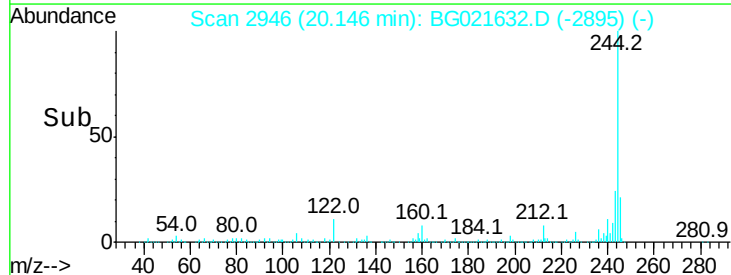
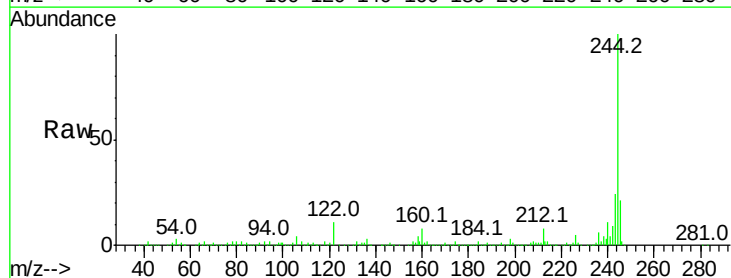
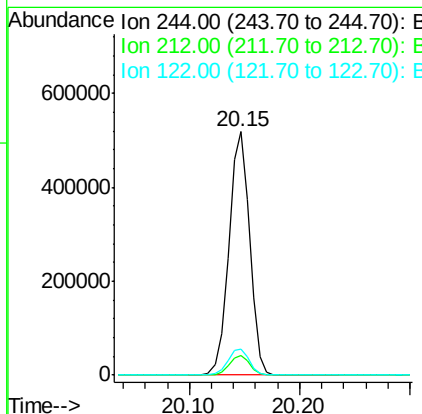
RT: 20.15 min Scan# 2946

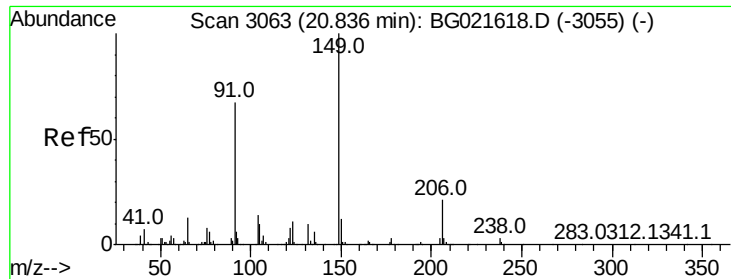
Delta R.T. -0.00 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.0	6.5	9.7
122	10.7	8.6	12.8





#79

Butylbenzylphthalate

Concen: 38.58 ng

RT: 20.83 min Scan# 3062

Delta R.T. -0.01 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Instrument :

BNA_G

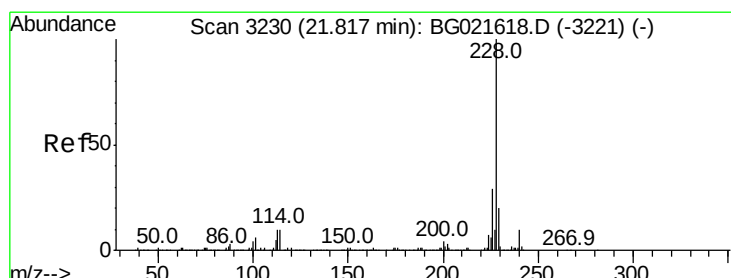
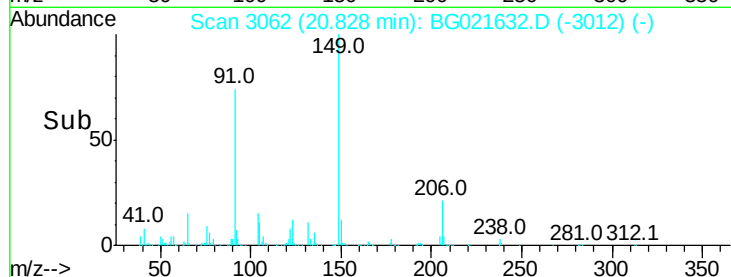
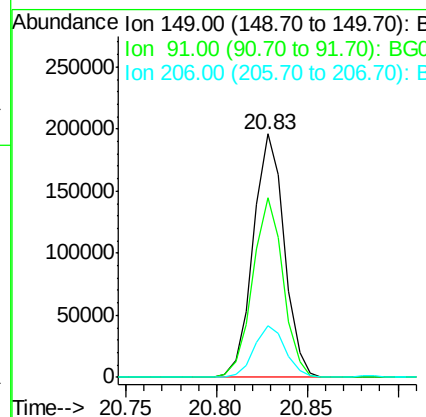
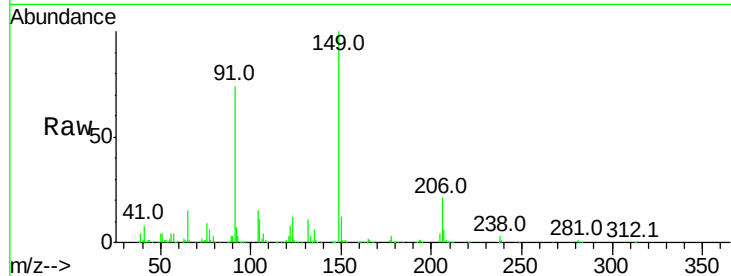
ClientSampled :

PB89734BSD

Tot Ion:	149	Resp:	233852
Ion Ratio	Lower	Upper	
149	100		
91	73.9	57.8	86.8
206	21.4	17.0	25.4

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#80

Benzo(a)anthracene

Concen: 39.36 ng

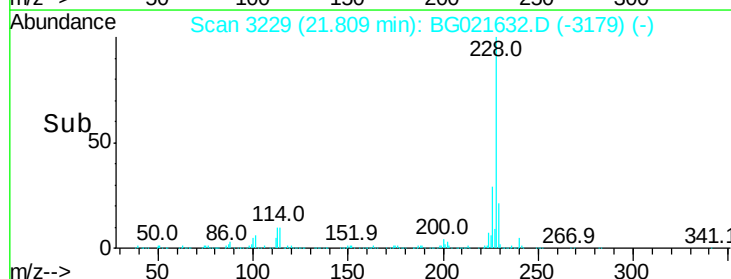
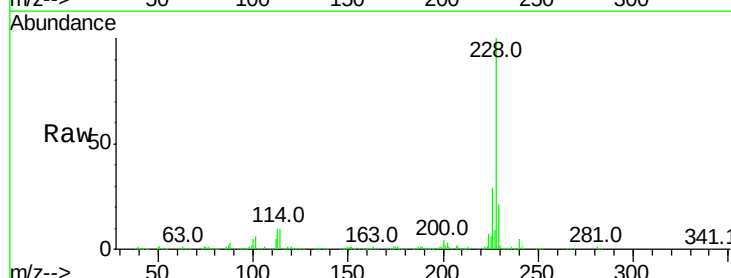
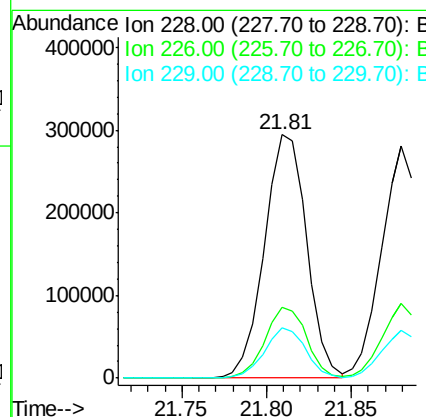
RT: 21.81 min Scan# 3229

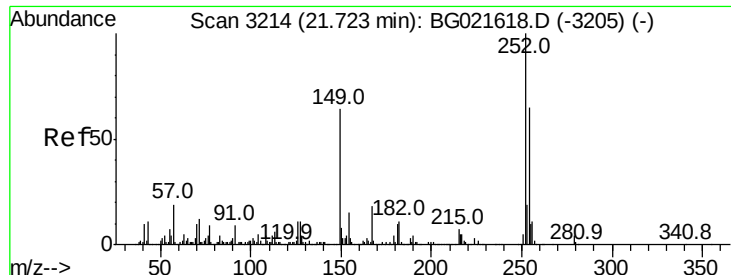
Delta R.T. -0.01 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Tgt Ion:	228	Resp:	512968
Ion Ratio	Lower	Upper	
228	100		
226	28.8	22.6	34.0
229	20.5	16.1	24.1





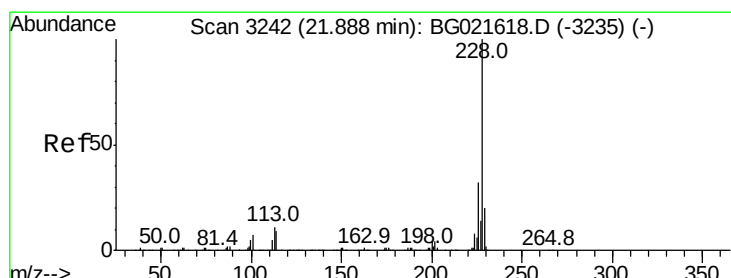
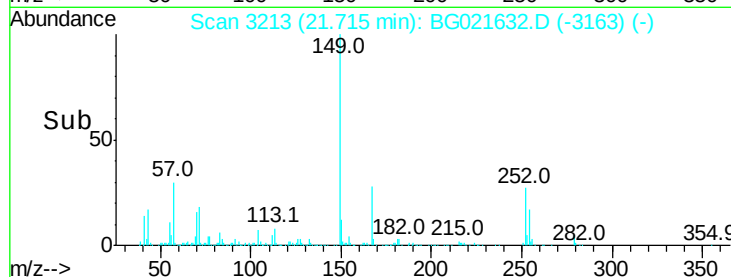
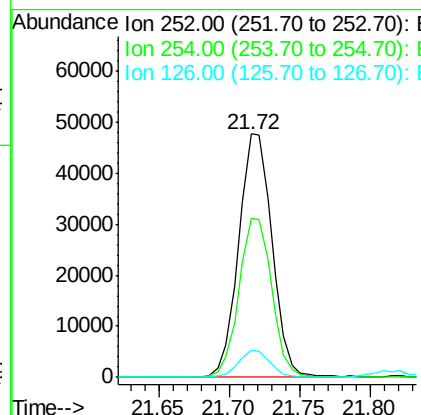
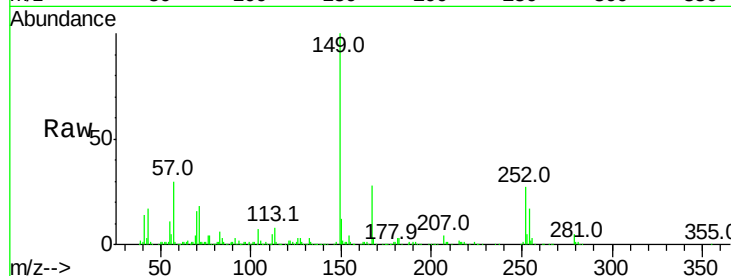
#81
 3,3'-Dichlorobenzidine
 Concen: 7.66 ng
 RT: 21.72 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.8	77.6
126	11.3	8.8	13.2

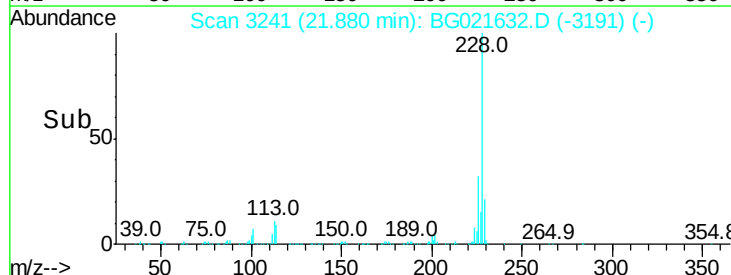
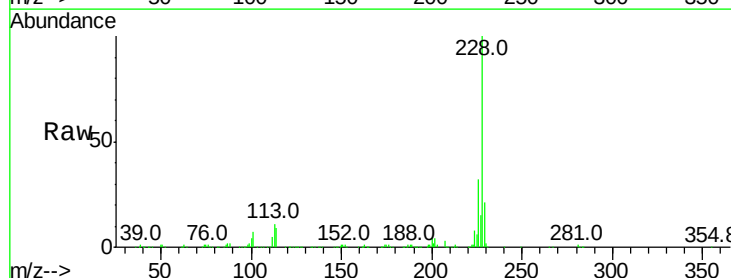
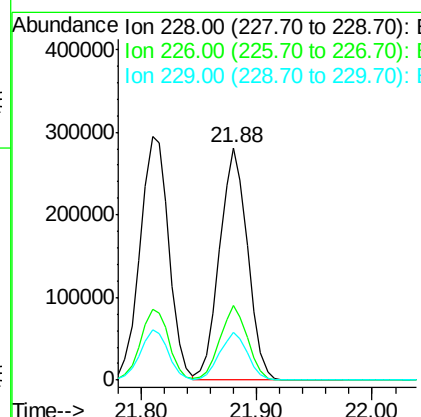
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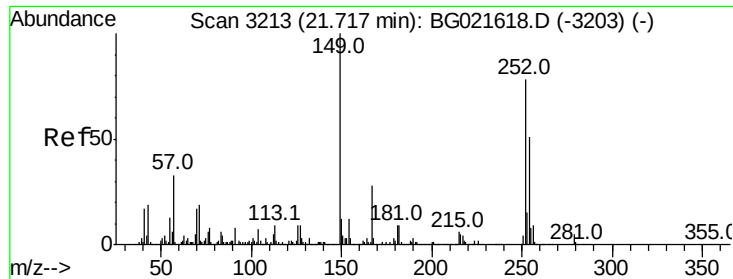
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#82
 Chrysene
 Concen: 37.44 ng
 RT: 21.88 min Scan# 3241
 Delta R.T. -0.01 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.4	38.0
229	20.7	15.9	23.9





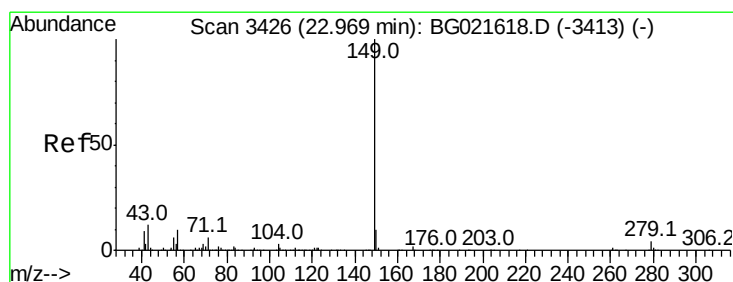
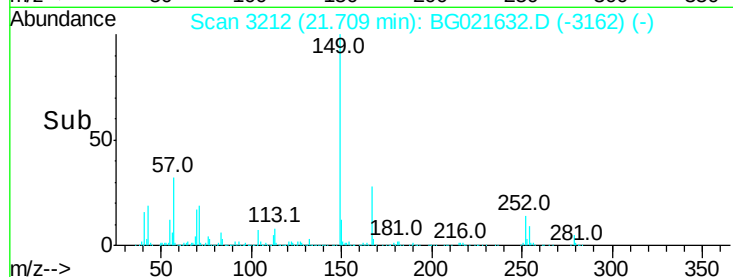
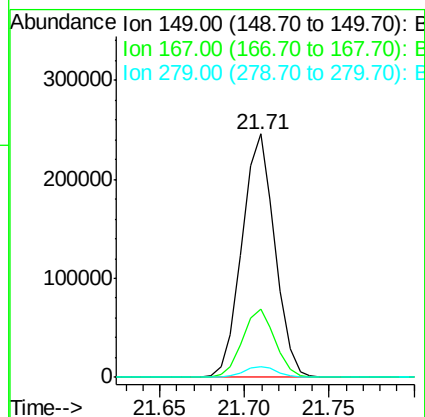
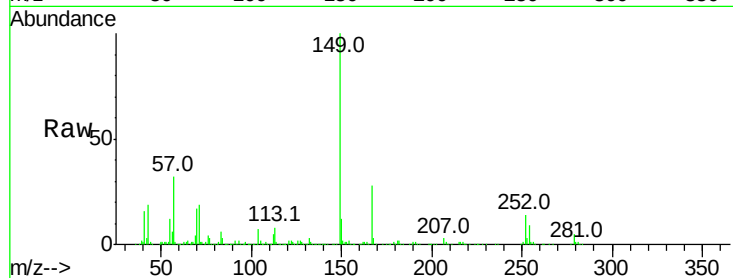
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.45 ng
 RT: 21.71 min Scan# 3212
 Delta R.T. -0.01 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.9	22.4	33.6	
279	4.5	3.2	4.8	

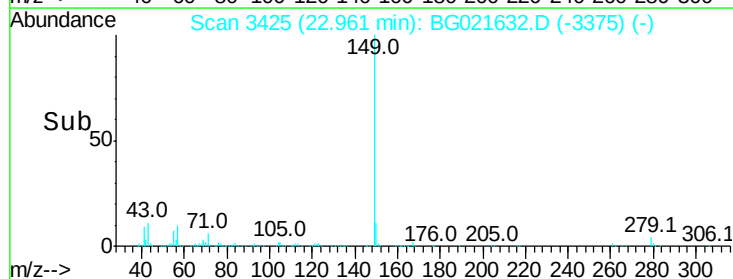
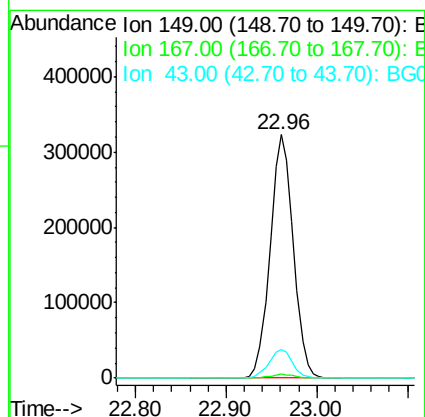
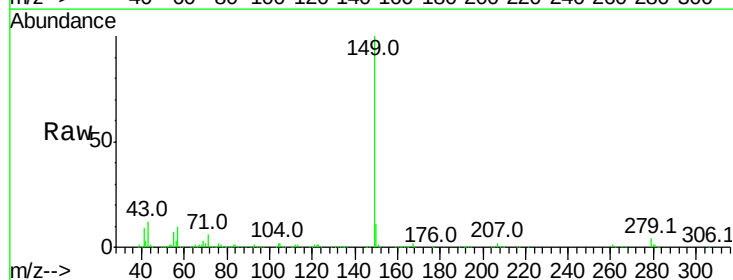
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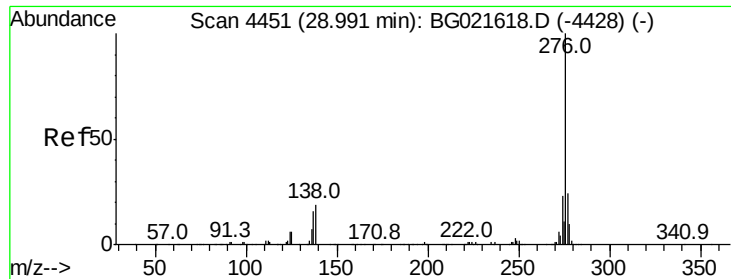
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#84
 Di-n-octyl phthalate
 Concen: 38.90 ng
 RT: 22.96 min Scan# 3425
 Delta R.T. -0.01 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.3	1.9	
43	11.9	9.8	14.6	





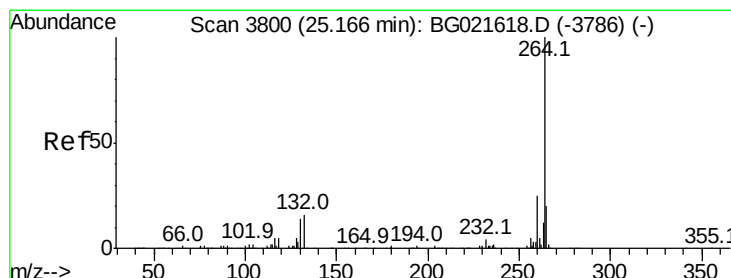
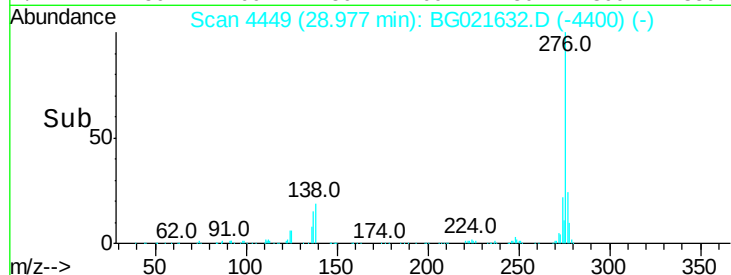
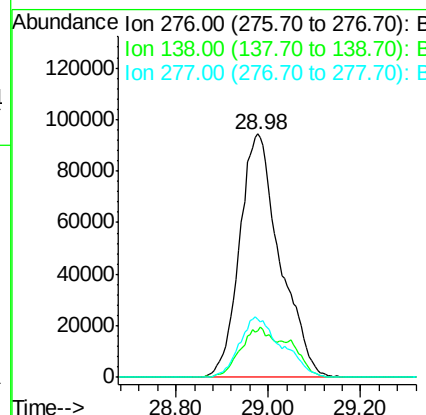
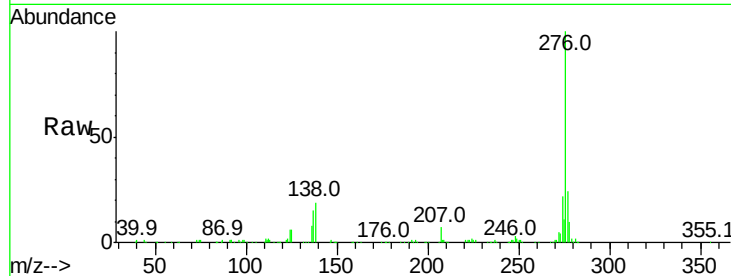
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.38 ng
 RT: 28.98 min Scan# 4449
 Delta R.T. -0.01 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	571319		
138	18.9		14.0	21.0
277	26.1		20.6	30.8

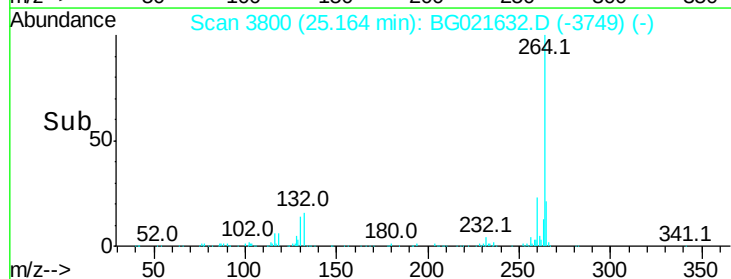
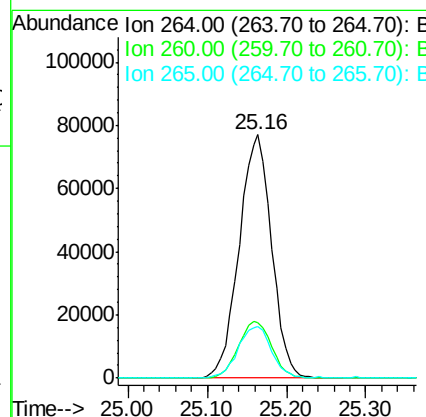
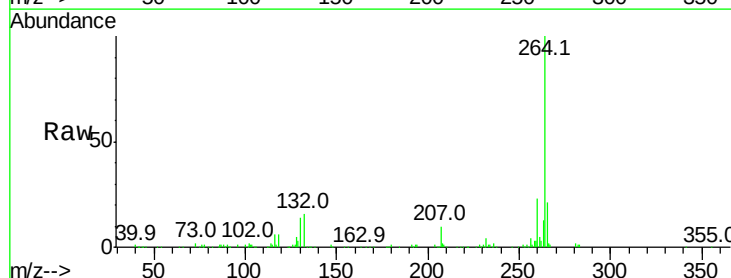
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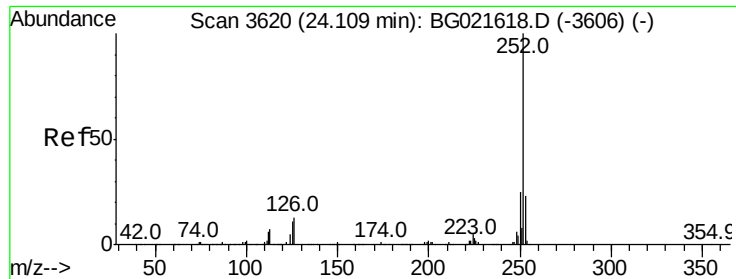
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.16 min Scan# 3800
 Delta R.T. -0.00 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	218439		
260	22.8		20.2	30.4
265	21.3		17.8	26.8





#87

Benzo(b)fluoranthene

Concen: 40.10 ng

RT: 24.10 min Scan# 3619

Delta R.T. -0.01 min

Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Instrument :

BNA_G

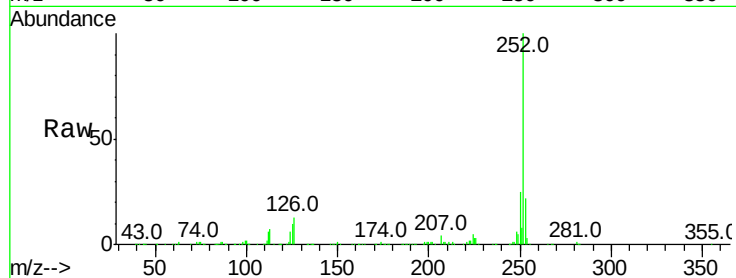
ClientSampleId :

PB89734BSD

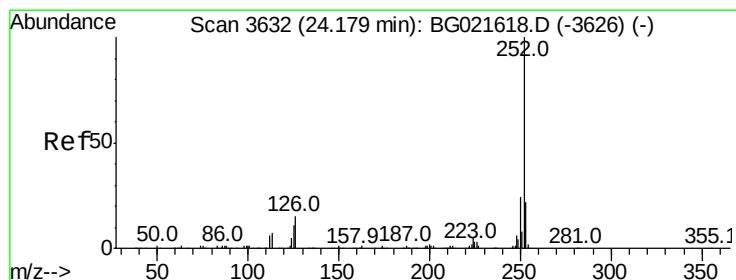
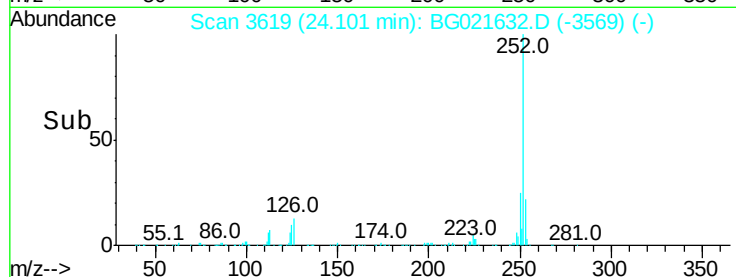
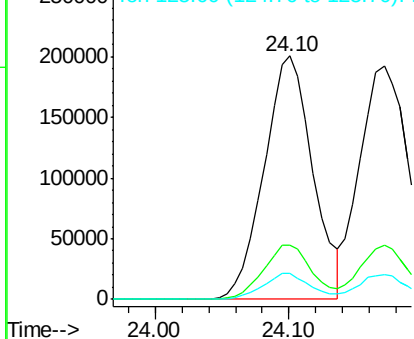
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	10.5	8.6	13.0

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



#88

Benzo(k)fluoranthene

Concen: 39.26 ng

RT: 24.17 min Scan# 3631

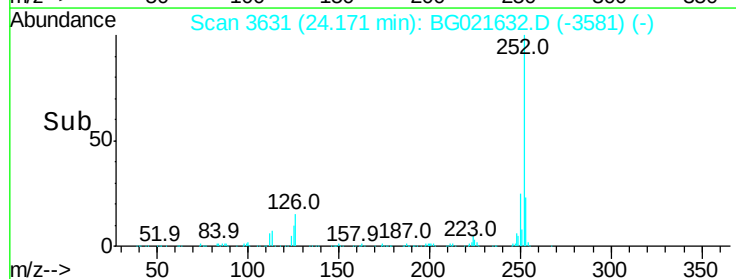
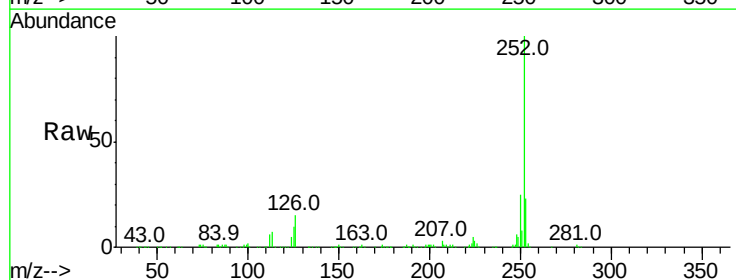
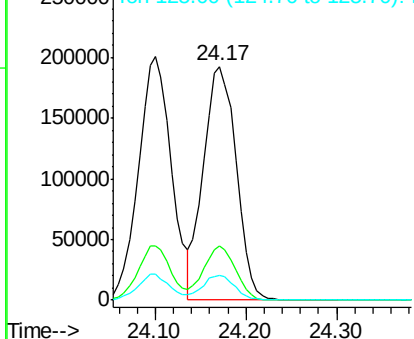
Delta R.T. -0.01 min

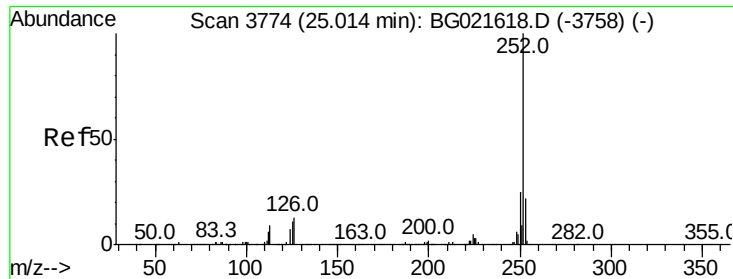
Lab File: BG021632.D

Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	10.3	8.3	12.5

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





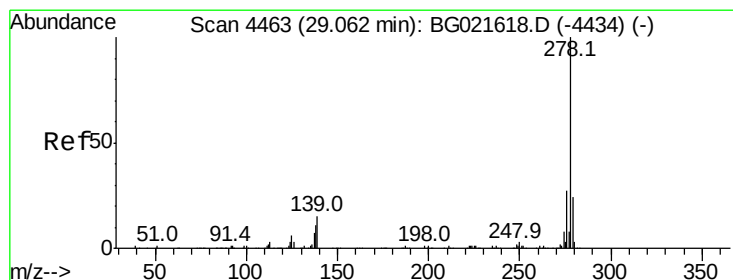
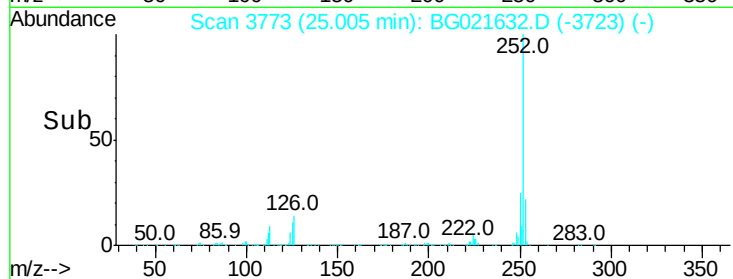
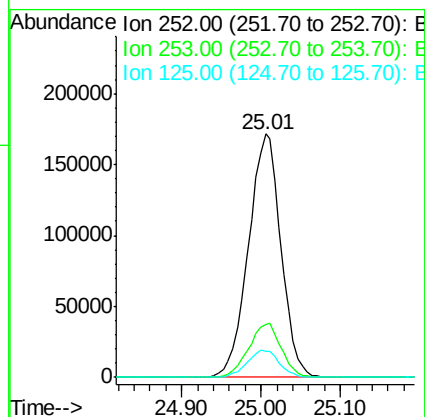
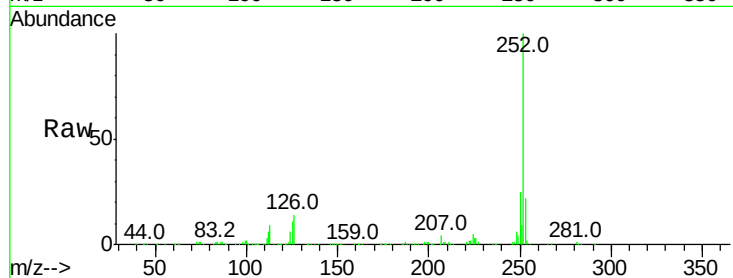
#89
Benzo(a)pyrene
Concen: 39.71 ng
RT: 25.01 min Scan# 3773
Delta R.T. -0.01 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Instrument :
BNA_G
ClientSampleId :
PB89734BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	10.8	9.6	14.4

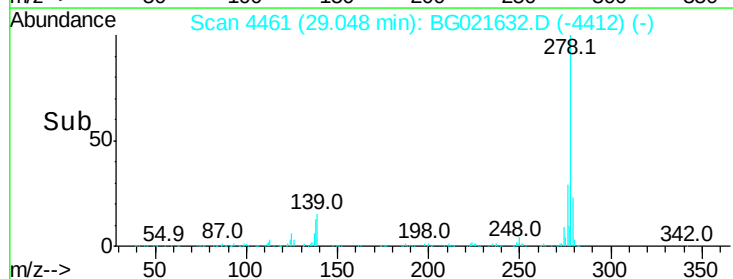
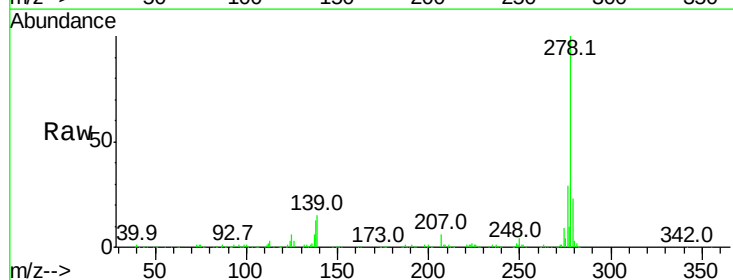
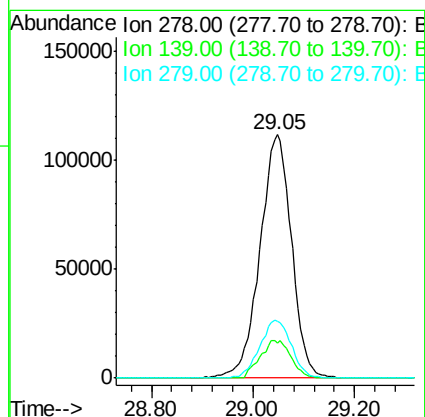
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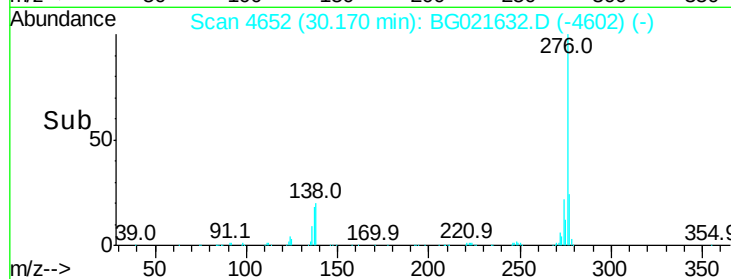
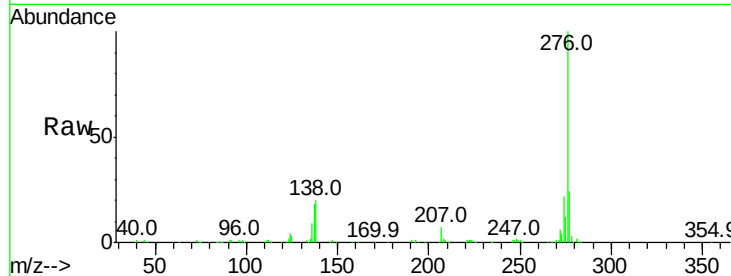
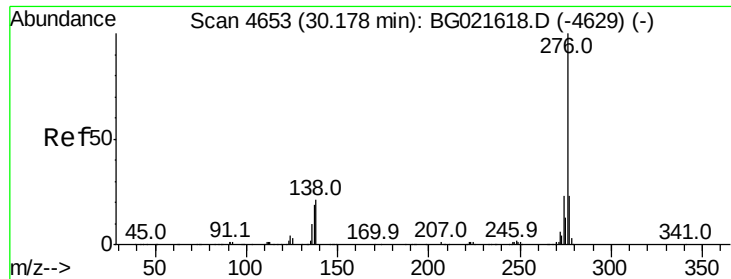
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#90
Dibenzo(a,h)anthracene
Concen: 39.28 ng
RT: 29.05 min Scan# 4461
Delta R.T. -0.01 min
Lab File: BG021632.D
Acq: 13 Apr 2016 22:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.9	17.9
279	23.3	18.2	27.2





#91
 Benzo(a,h,i)perylene
 Concen: 39.03 ng
 RT: 30.17 min Scan# 4652
 Delta R.T. -0.01 min
 Lab File: BG021632.D
 Acq: 13 Apr 2016 22:11

Instrument :
 BNA_G
 ClientSampleId :
 PB89734BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.2
138	20.0	17.4	26.0

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