

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
 Data File : BG021637.D
 Acq On : 14 Apr 2016 1:29
 Operator : UM/SJ
 Sample : PB89730BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB89730BS

Manual Integrations
 APPROVED

Sohil
 4/14/2016 5:30:00 PM

Quant Time: Apr 14 11:22:38 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	27552	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	127769	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	86181	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	211456	20.00	ng	0.00
75) Chrysene-d12	21.83	240	229358	20.00	ng	0.00
86) Perylene-d12	25.16	264	225649	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	230229	139.15	ng	0.00
7) Phenol-d6	7.36	99	342284	138.50	ng	0.00
23) Nitrobenzene-d5	9.38	82	200558	80.68	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	131647	141.74	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	483917	82.27	ng	0.00
78) Terphenyl-d14	20.15	244	765837	83.32	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	23143	31.42	ng	89
3) Pyridine	4.04	79	74771	33.83	ng	# 89
4) n-Nitrosodimethylamine	3.95	42	41045	37.47	ng	# 85
6) Aniline	7.54	93	78349	23.97	ng	98
8) 2-Chlorophenol	7.78	128	87997	44.36	ng	98
9) Benzaldehyde	7.35	77	26794	18.75	ng	93
10) Phenol	7.38	94	122342	46.03	ng	99
11) bis(2-Chloroethyl)ether	7.63	93	83076	39.05	ng	93
12) 1,3-Dichlorobenzene	8.11	146	84924	38.34	ng	95
13) 1,4-Dichlorobenzene	8.25	146	86810	38.49	ng	96
14) 1,2-Dichlorobenzene	8.58	146	84001	38.83	ng	95
15) Benzyl Alcohol	8.45	79	87375	46.26	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.75	45	166446	36.53	ng	98
17) 2-Methylphenol	8.65	107	82988	45.16	ng	94
18) Hexachloroethane	9.31	117	31754	38.69	ng	# 74
19) n-Nitroso-di-n-propylamine	9.02	70	76567	39.87	ng	98
20) 3+4-Methylphenols	8.97	107	116361	46.27	ng	97
22) Acetophenone	9.04	105	134887	37.90	ng	# 98
24) Nitrobenzene	9.43	77	106003	39.83	ng	96
25) Isophorone	9.95	82	210348	38.66	ng	99
26) 2-Nitrophenol	10.14	139	41428	40.77	ng	96
27) 2,4-Dimethylphenol	10.19	122	100703	43.63	ng	99
28) bis(2-Chloroethoxy)methane	10.43	93	123183	42.61	ng	91
29) 2,4-Dichlorophenol	10.67	162	91086	46.29	ng	97
30) 1,2,4-Trichlorobenzene	10.89	180	83061	39.25	ng	98
31) Naphthalene	11.09	128	275485	40.29	ng	# 95
32) Benzoic acid	10.30	122	56703	44.15	ng	97
33) 4-Chloroaniline	11.19	127	39027	13.18	ng	97
34) Hexachlorobutadiene	11.37	225	52772	38.66	ng	97
35) Caprolactam	11.95	113	39377m	43.72	ng	
36) 4-Chloro-3-methylphenol	12.28	107	118129	47.73	ng	99
37) 2-Methylnaphthalene	12.67	142	207559	44.22	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	101923	37.84	ng	98
40) Hexachlorocyclopentadiene	13.01	237	130613	87.30	ng	98

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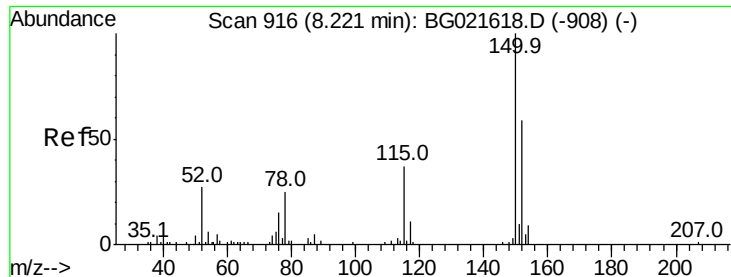
Manual Integrations
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 4/14/2016 5:30:00 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	73729	42.93	nq	96
43) 2,4,5-Trichlorophenol	13.33	196	84426	45.56	nq	97
45) 1,1'-Biphenyl	13.67	154	280739	38.66	nq	98
46) 2-Chloronaphthalene	13.71	162	216364	40.30	nq	99
47) 2-Nitroaniline	13.91	65	82740	44.95	nq	97
48) Acenaphthylene	14.55	152	363436	40.95	nq	97
49) Dimethylphthalate	14.28	163	308095	41.35	nq	98
50) 2,6-Dinitrotoluene	14.39	165	64151	45.15	nq	99
51) Acenaphthene	14.89	154	251735	44.37	nq	99
52) 3-Nitroaniline	14.72	138	32957	20.92	nq	97
53) 2,4-Dinitrophenol	14.92	184	48319	87.62	nq	92
54) Dibenzofuran	15.22	168	358950	46.33	nq	99
55) 4-Nitrophenol	15.01	139	125471	92.99	nq	95
56) 2,4-Dinitrotoluene	15.17	165	93744	48.82	nq	98
57) Fluorene	15.86	166	299233	43.25	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.44	232	77484	50.39	nq	99
59) Diethylphthalate	15.63	149	327788	42.15	nq	99
60) 4-Chlorophenyl-phenylether	15.85	204	142543	41.82	nq	96
61) 4-Nitroaniline	15.88	138	76288	44.00	nq	98
62) Azobenzene	16.15	77	313660	47.06	nq	99
64) 4,6-Dinitro-2-methylphenol	15.93	198	34928	40.60	nq	96
65) n-Nitrosodiphenylamine	16.07	169	270992	42.73	nq	95
66) 4-Bromophenyl-phenylether	16.74	248	94253	41.60	nq	98
67) Hexachlorobenzene	16.86	284	100632	42.08	nq	99
68) Atrazine	17.00	200	104922	41.89	nq	97
69) Pentachlorophenol	17.20	266	125497	91.91	nq	94
70) Phenanthrene	17.60	178	491364	42.16	nq	98
71) Anthracene	17.69	178	499629	42.23	nq	97
72) Carbazole	17.95	167	464408	42.06	nq	99
73) Di-n-butylphthalate	18.51	149	564886	40.22	nq	99
74) Fluoranthene	19.59	202	569416	40.92	nq	99
76) Benzidine	19.76	184	166417	23.30	nq	99
77) Pyrene	19.95	202	580866	43.92	nq	100
79) Butylbenzylphthalate	20.83	149	260206	42.39	nq	99
80) Benzo(a)anthracene	21.81	228	575317	43.59	nq	99
81) 3,3'-Dichlorobenzidine	21.72	252	88927	8.51	nq	98
82) Chrysene	21.88	228	525815	41.47	nq	100
83) Bis(2-ethylhexyl)phthalate	21.71	149	380306	42.35	nq	# 100
84) Di-n-octyl phthalate	22.96	149	658048	43.75	nq	100
85) Indeno(1,2,3-cd)pyrene	28.98	276	649852	43.11	nq	99
87) Benzo(b)fluoranthene	24.10	252	573773	43.82	nq	99
88) Benzo(k)fluoranthene	24.17	252	549725	42.94	nq	99
89) Benzo(a)pyrene	25.01	252	556082	43.83	nq	97
90) Dibenzo(a,h)anthracene	29.05	278	550427	43.28	nq	98
91) Benzo(g,h,i)perylene	30.18	276	537795	43.09	nq	99

(#) = 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

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Instrument :

BNA_G

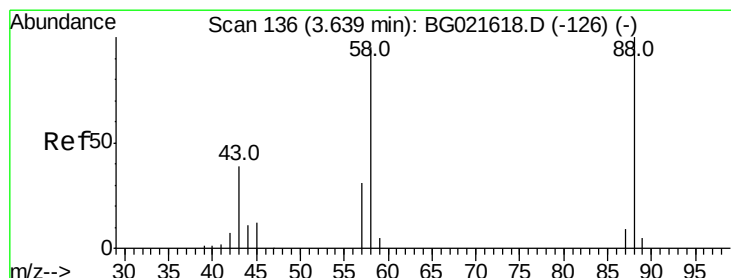
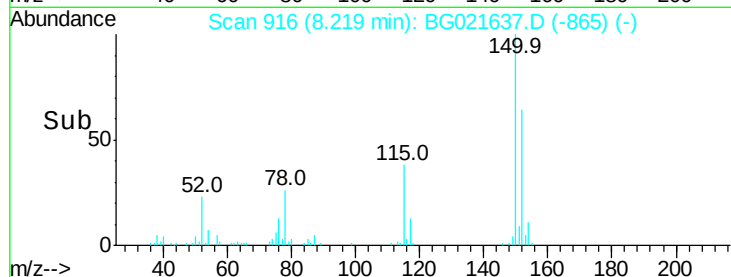
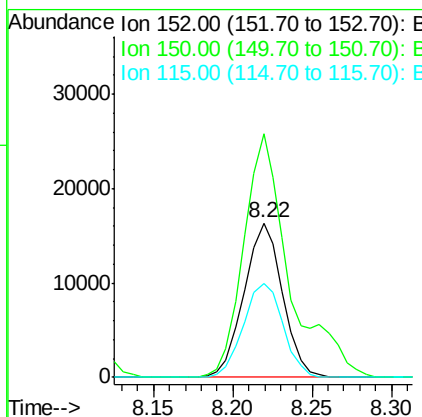
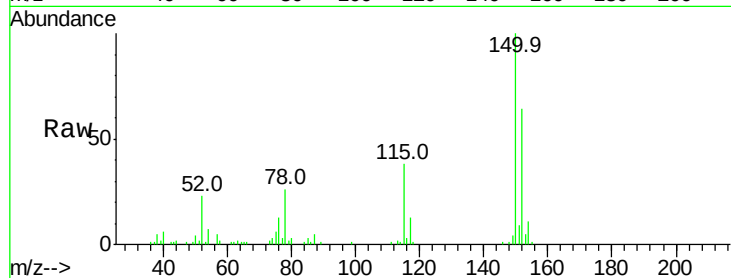
ClientSampleId :

PB89730BS

Tot Ion:	152	Resp:	27552
Ion	Ratio	Lower	Upper
152	100		
150	157.4	130.1	195.1
115	60.4	62.2	93.2#

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#2

1,4-Dioxane

Concen: 31.42 ng

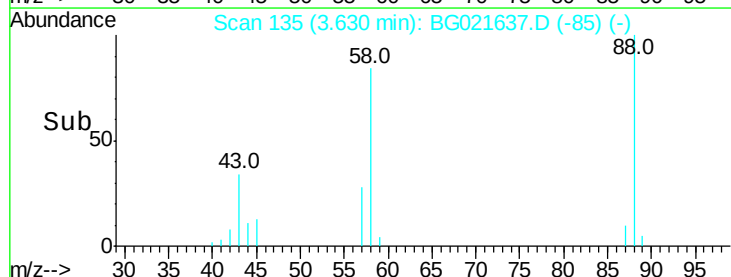
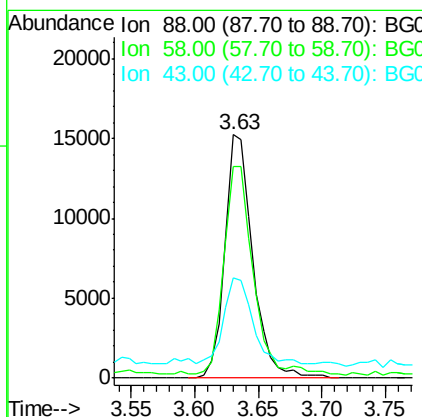
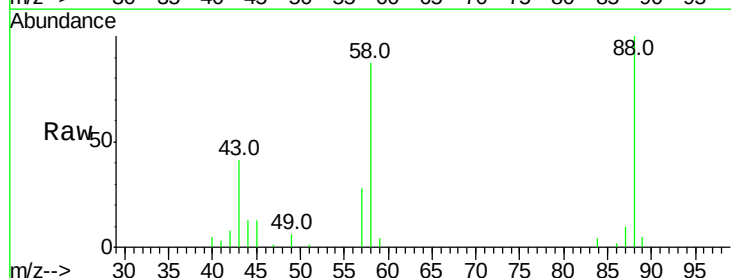
RT: 3.63 min Scan# 135

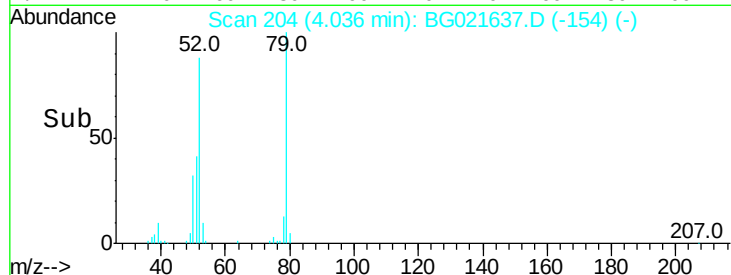
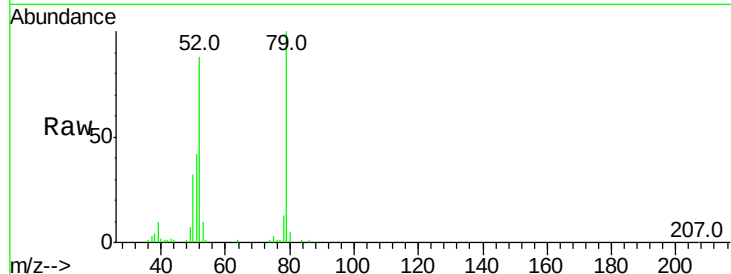
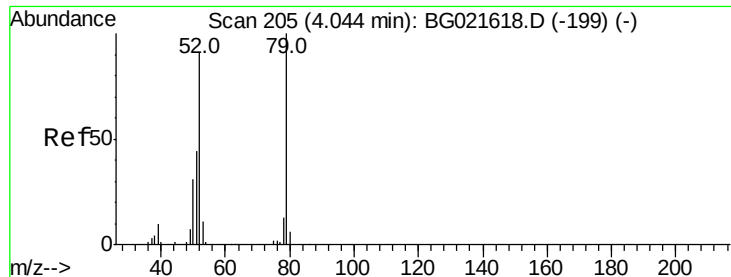
Delta R.T. -0.01 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Tgt Ion:	88	Resp:	23143
Ion	Ratio	Lower	Upper
88	100		
58	90.0	61.8	92.8
43	36.6	27.3	40.9





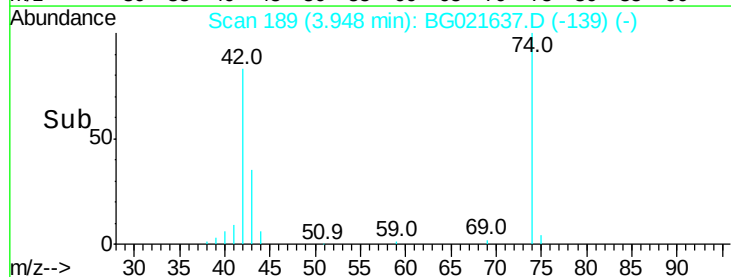
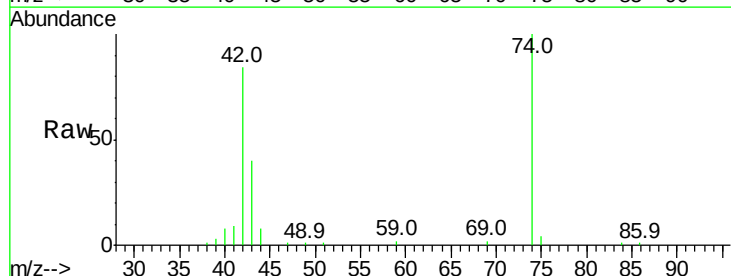
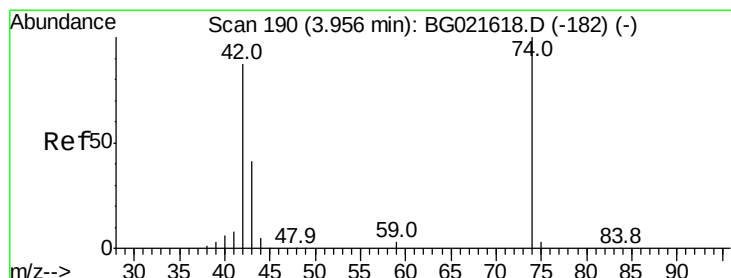
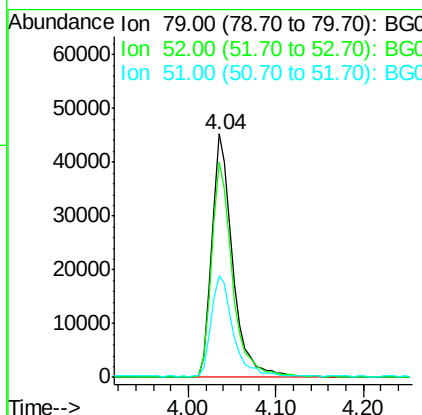
#3
Pvridine
Concen: 33.83 ng
RT: 4.04 min Scan# 204
Delta R.T. -0.01 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Tot Ion	Ratio	Lower	Upper
79	100		
52	88.3	77.2	115.8
51	41.5	42.5	63.7#

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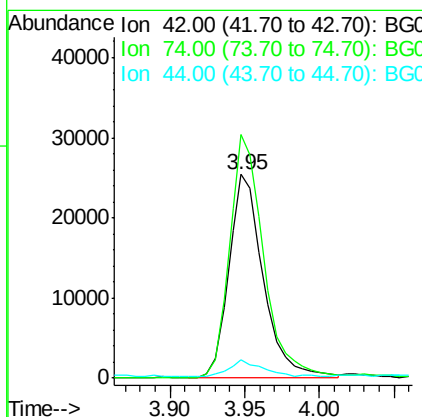
Manual Integrations
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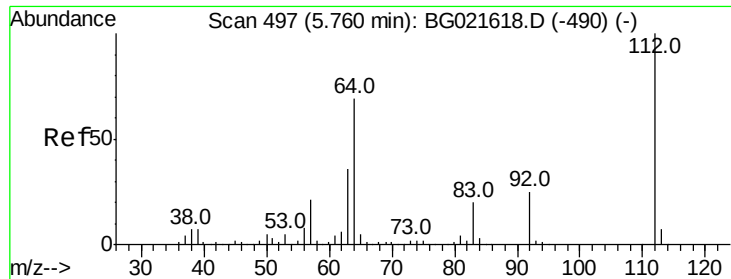
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#4
n-Nitrosodimethylamine
Concen: 37.47 ng
RT: 3.95 min Scan# 189
Delta R.T. -0.01 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	119.7	83.0	124.4
44	9.1	11.0	16.6#





#5

2-Fluorophenol

Concen: 139.15 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Instrument :

BNA_G

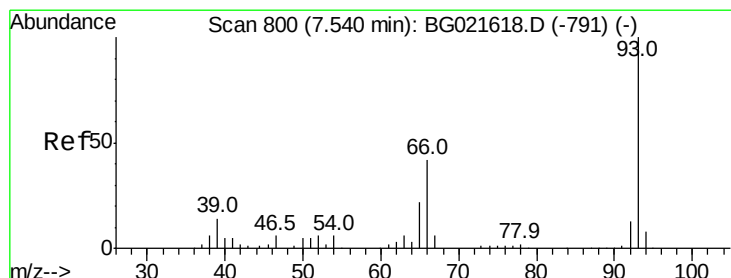
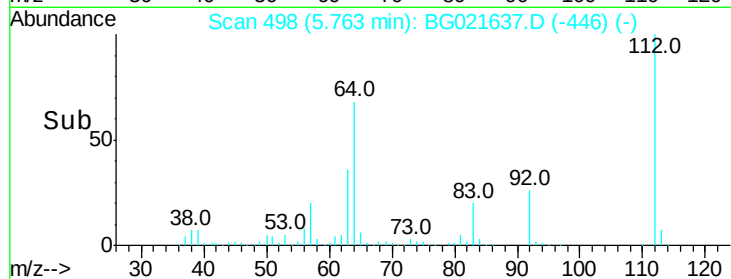
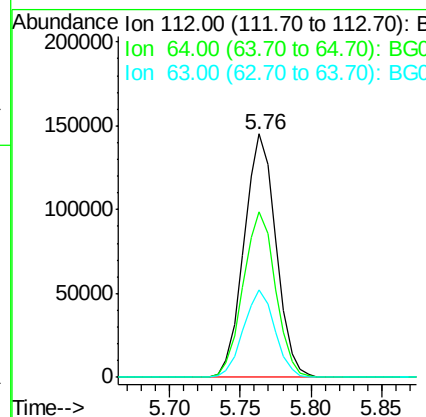
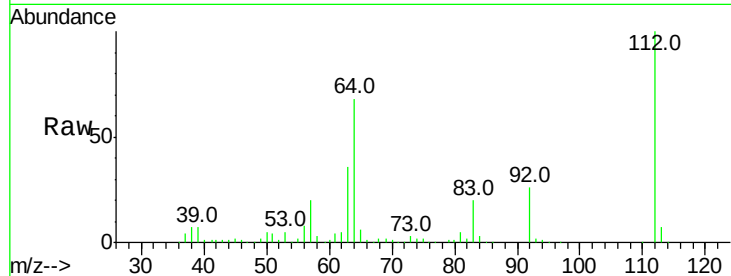
ClientSampleId :

PB89730BS

Tot Ion:	112	Resp:	230229
Ion Ratio	Lower	Upper	
112	100		
64	68.0	51.1	76.7
63	35.8	24.6	37.0

Manual Integrations
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#6

Aniline

Concen: 23.97 ng

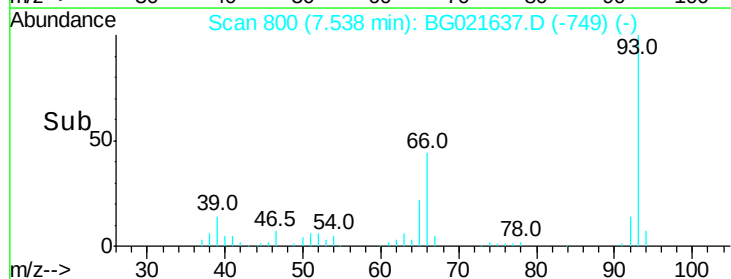
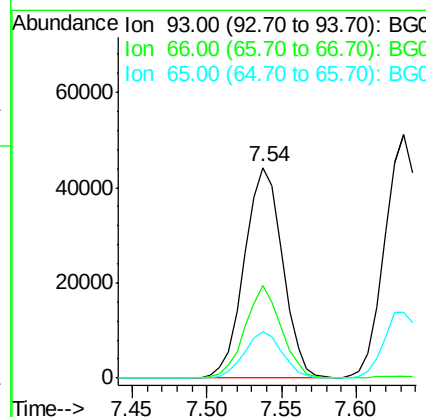
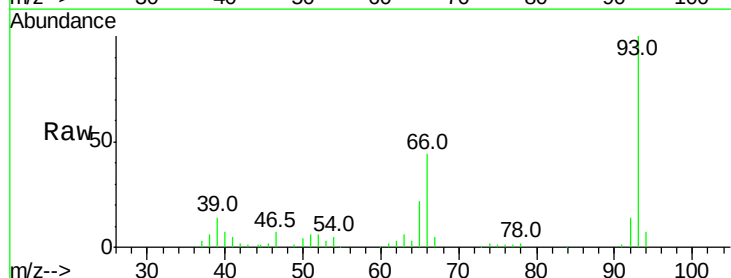
RT: 7.54 min Scan# 800

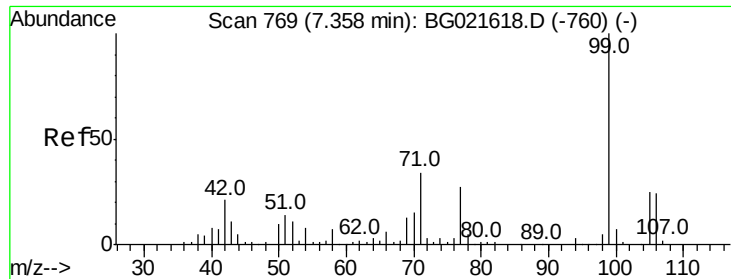
Delta R.T. -0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Tgt Ion:	93	Resp:	78349
Ion Ratio	Lower	Upper	
93	100		
66	44.0	36.3	54.5
65	22.2	18.4	27.6





#7

Phenol-d6

Concen: 138.50 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Instrument :

BNA_G

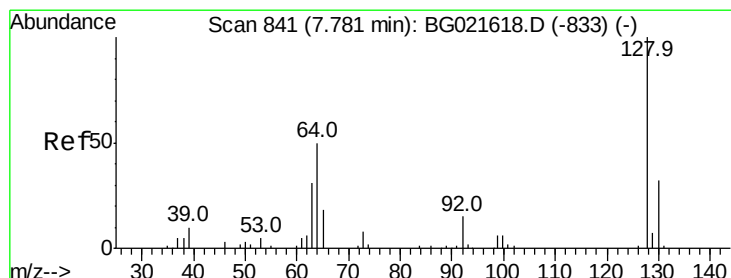
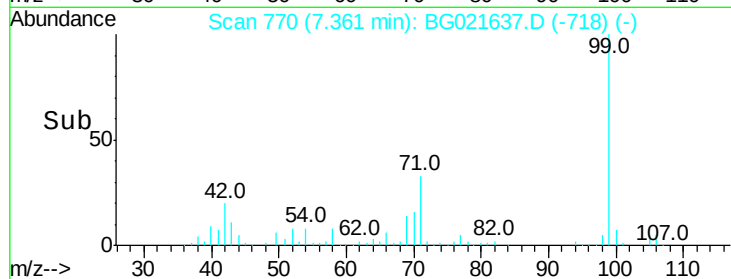
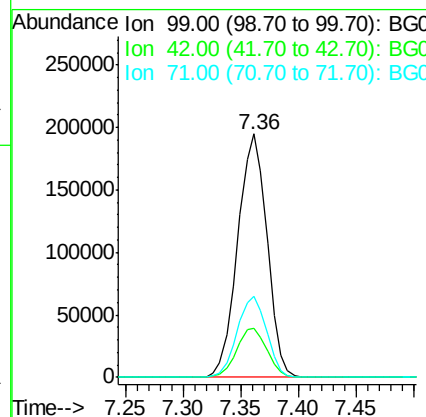
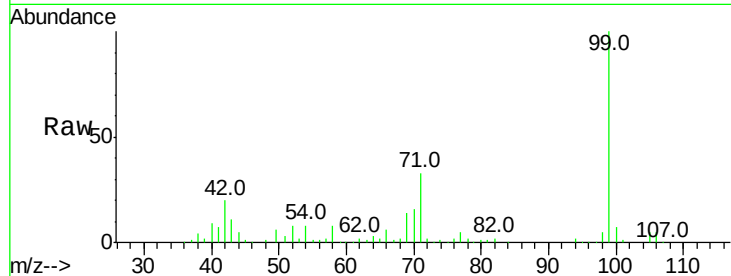
ClientSampled :

PB89730BS

Tot Ion:	99	Resp:	342284
Ion Ratio	Lower	Upper	
99	100		
42	20.4	16.4	24.6
71	33.3	25.0	37.4

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#8

2-Chlorophenol

Concen: 44.36 ng

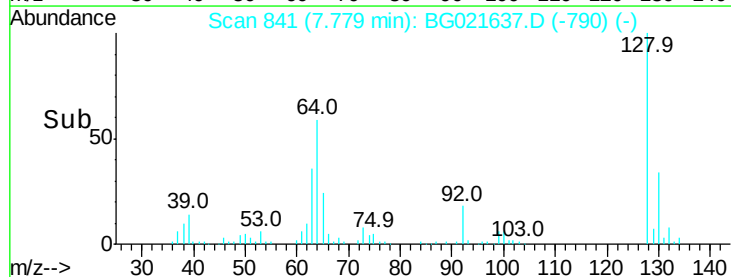
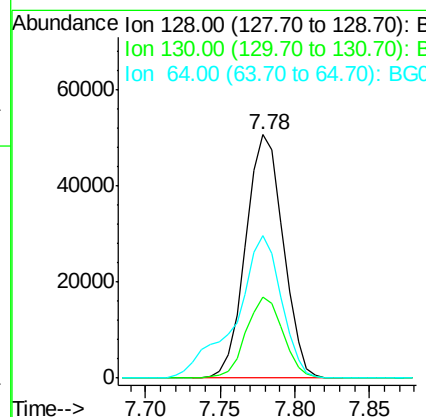
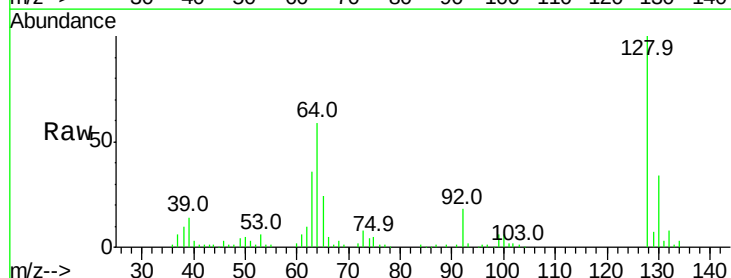
RT: 7.78 min Scan# 841

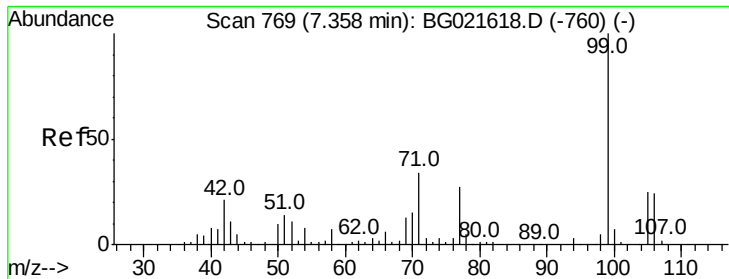
Delta R.T. -0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Tgt Ion:	128	Resp:	87997
Ion Ratio	Lower	Upper	
128	100		
130	33.5	11.2	51.2
64	58.7	39.8	79.8





#9

Benzaldehyde

Concen: 18.75 ng

RT: 7.35 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Instrument :

BNA_G

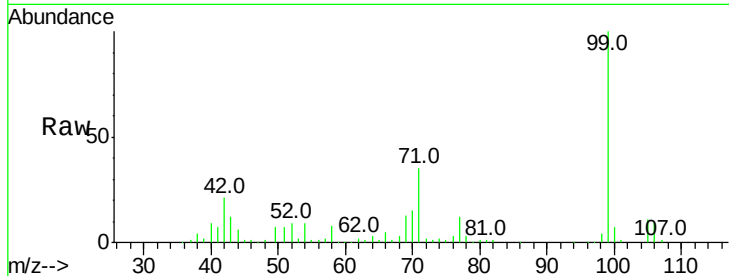
ClientSampleId :

PB89730BS

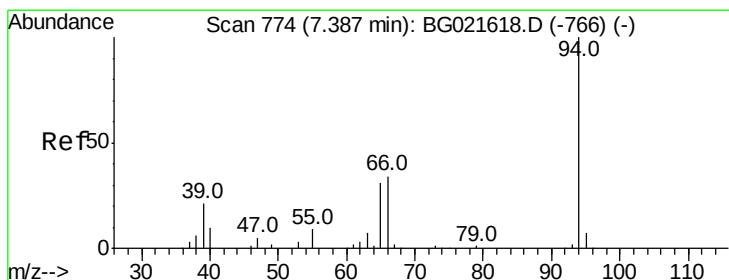
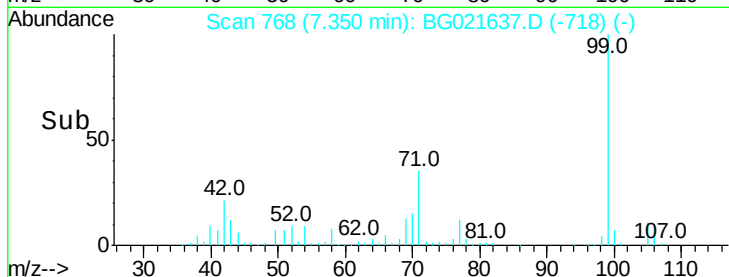
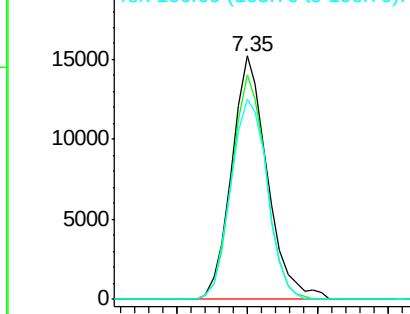
Tot Ion:	77	Resp:	26794
Ion Ratio	Lower	Upper	
77	100		
105	92.2	62.1	102.1
106	82.2	65.6	105.6

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.03 ng

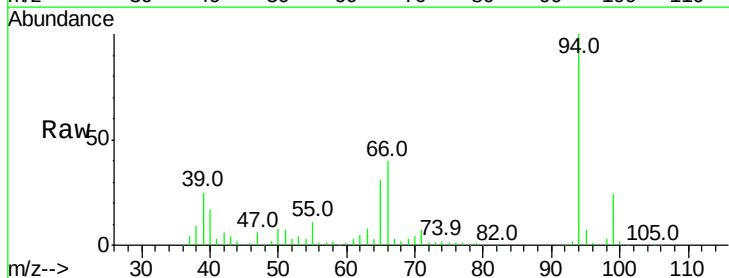
RT: 7.38 min Scan# 774

Delta R.T. -0.00 min

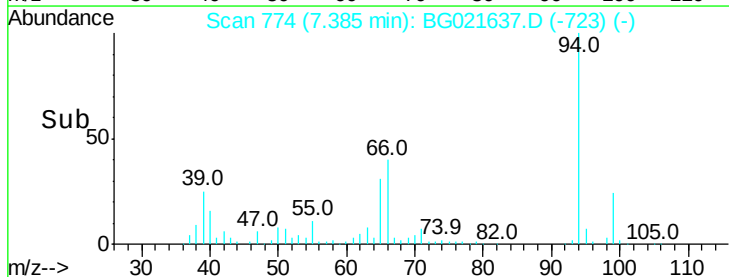
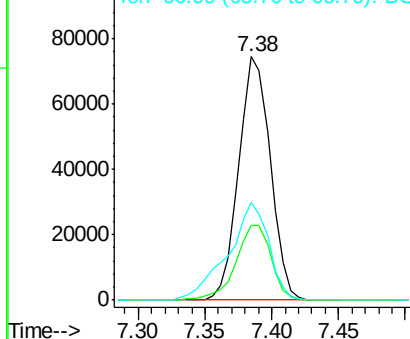
Lab File: BG021637.D

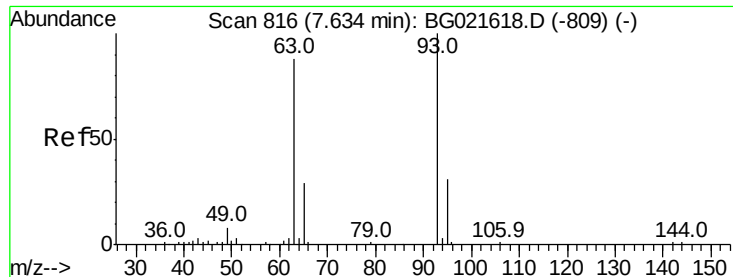
Acq: 14 Apr 2016 1:29

Tgt Ion:	94	Resp:	122342
Ion Ratio	Lower	Upper	
94	100		
65	30.7	9.8	49.8
66	40.0	20.8	60.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.05 ng

RT: 7.63 min Scan# 816

Delta R.T. -0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Instrument :

BNA_G

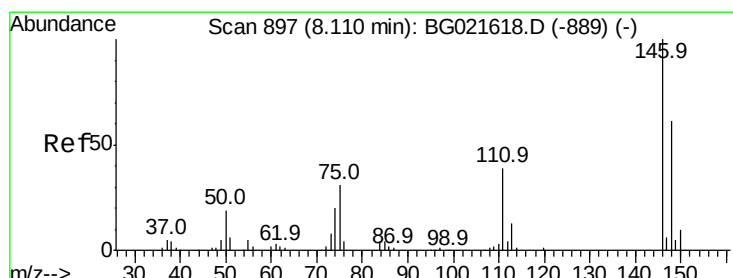
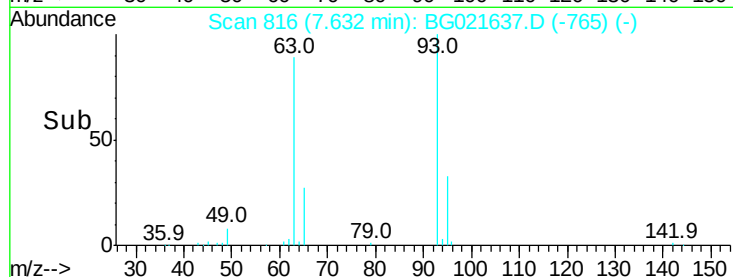
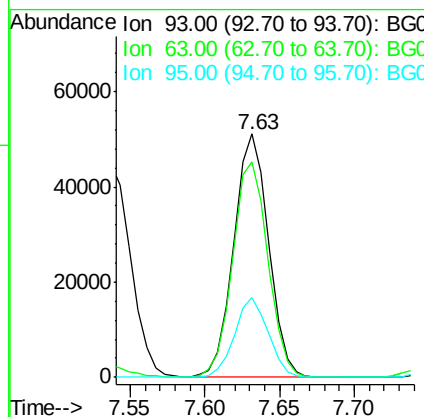
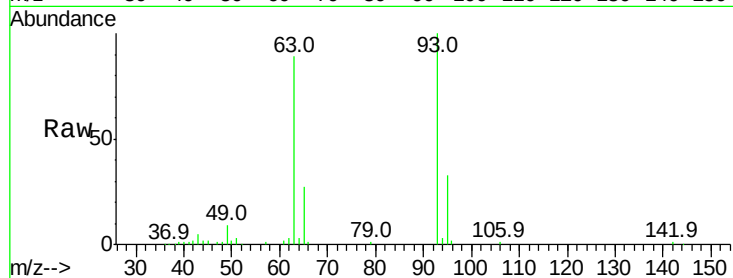
ClientSampleId :

PB89730BS

Tot Ion:	93	Resp:	83076
Ion Ratio	Lower	Upper	
93	100		
63	88.6	74.9	114.9
95	32.9	8.3	48.3

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#12

1,3-Dichlorobenzene

Concen: 38.34 ng

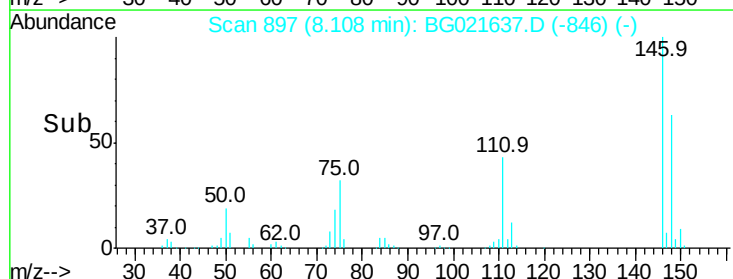
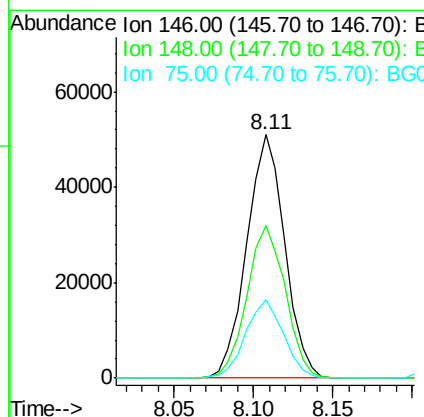
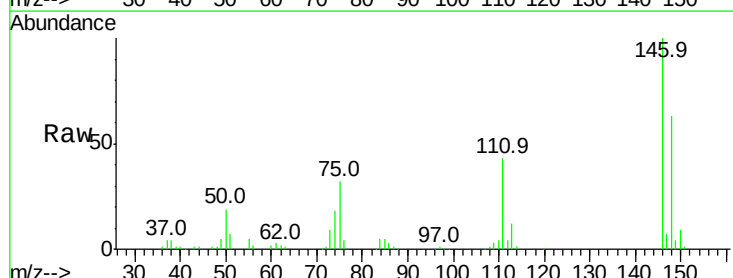
RT: 8.11 min Scan# 897

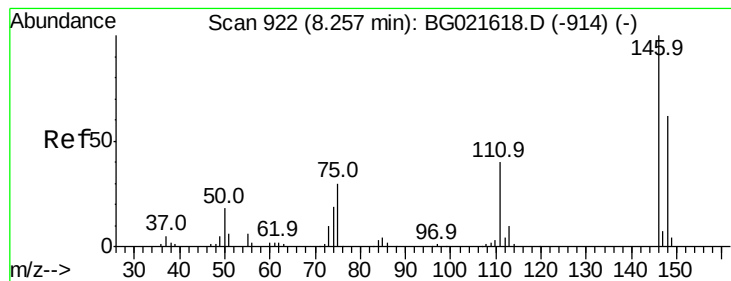
Delta R.T. -0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Tgt Ion:	146	Resp:	84924
Ion Ratio	Lower	Upper	
146	100		
148	62.9	53.7	80.5
75	32.2	27.4	41.0





#13

1,4-Dichlorobenzene

Concen: 38.49 ng

RT: 8.25 min Scan# 922

Delta R.T. -0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Instrument :

BNA_G

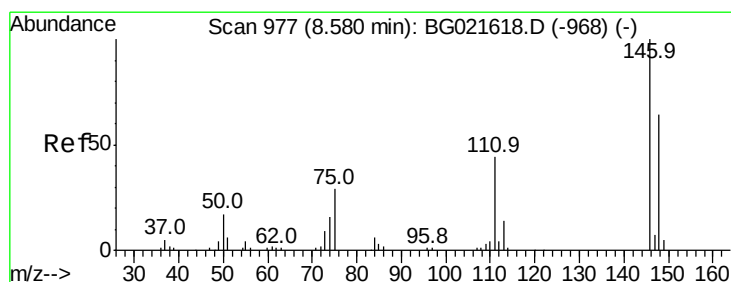
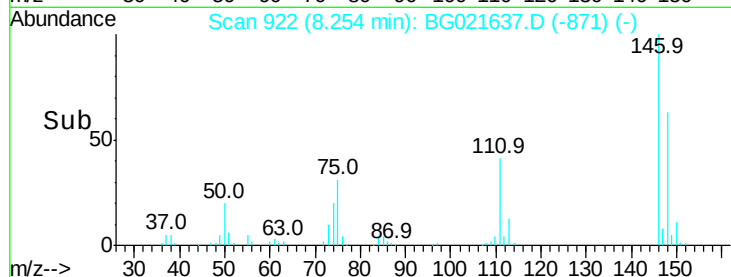
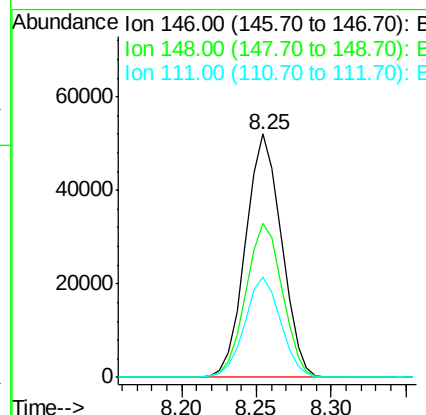
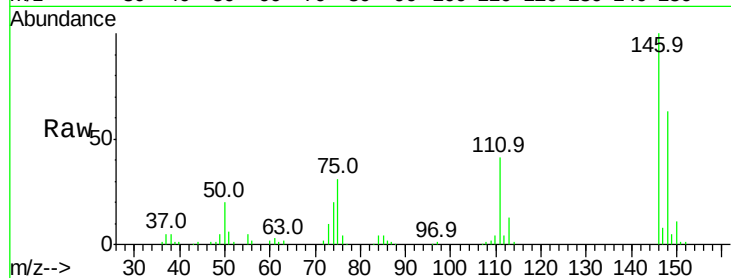
ClientSampleId :

PB89730BS

Tot Ion:	146	Resp:	86810
Ion Ratio	Lower	Upper	
146	100		
148	63.4	46.7	70.1
111	41.3	33.0	49.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 38.83 ng

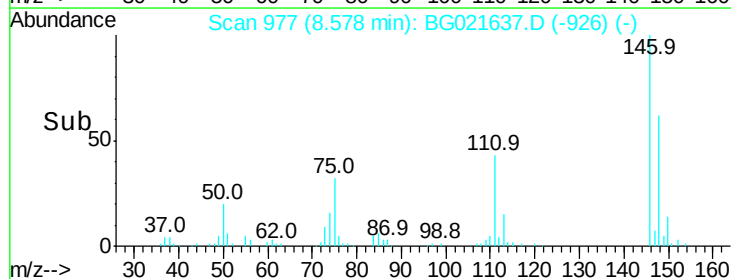
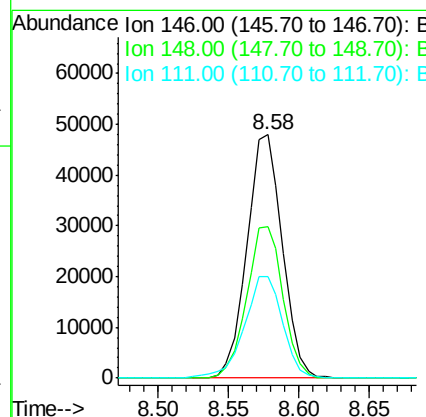
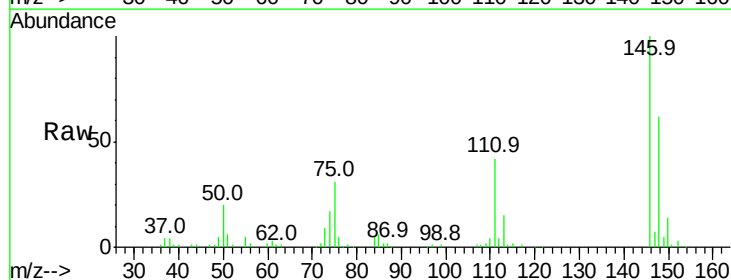
RT: 8.58 min Scan# 977

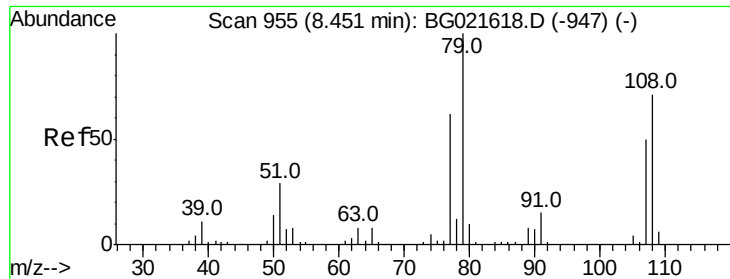
Delta R.T. -0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Tgt Ion:	146	Resp:	84001
Ion Ratio	Lower	Upper	
146	100		
148	62.2	52.6	79.0
111	41.7	36.1	54.1





#15

Benzyl Alcohol

Concen: 46.26 ng

RT: 8.45 min Scan# 955

Delta R.T. -0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Instrument :

BNA_G

ClientSampleId :

PB89730BS

Tot Ion: 79 Resp: 87375

Ion Ratio Lower Upper

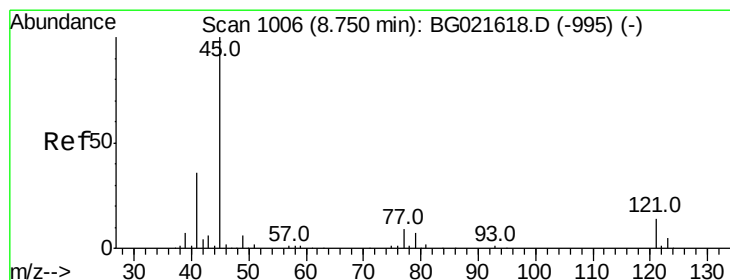
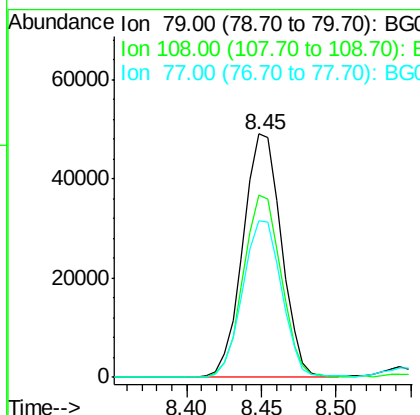
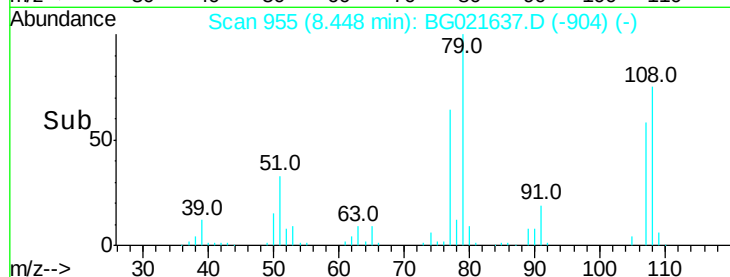
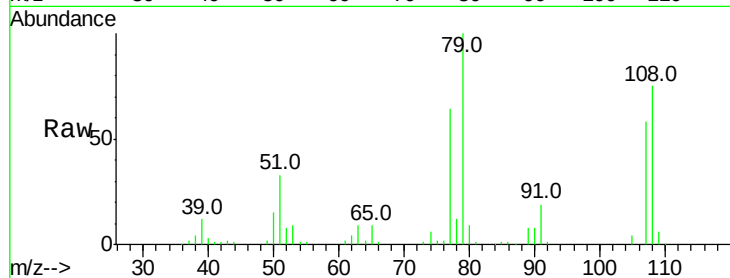
79 100

108 75.0 59.4 89.0

77 64.3 52.2 78.2

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4/14/2016 5:30:00 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.53 ng

RT: 8.75 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

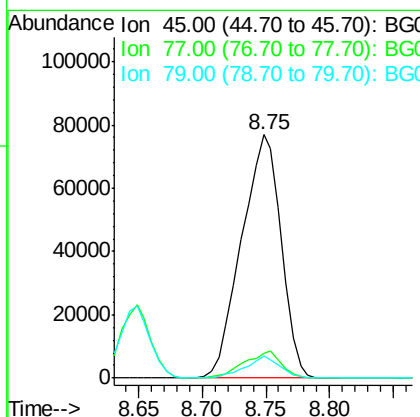
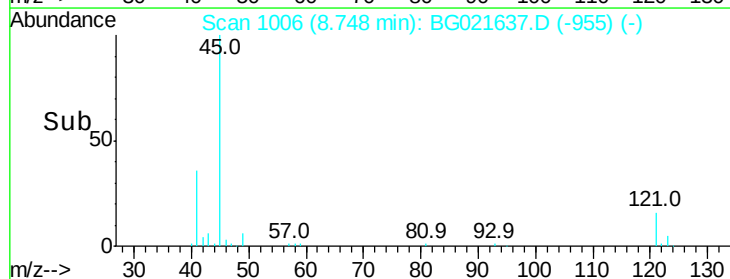
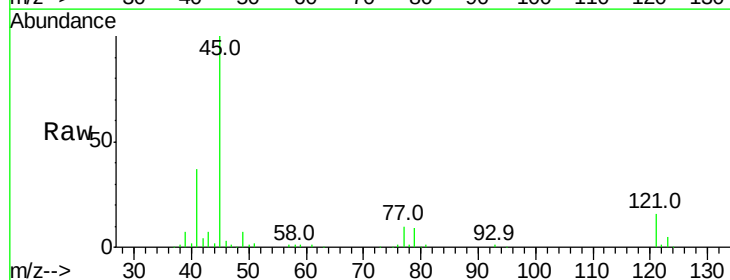
Tgt Ion: 45 Resp: 166446

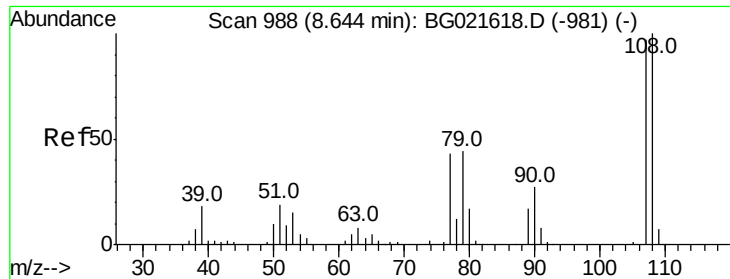
Ion Ratio Lower Upper

45 100

77 10.2 0.0 31.2

79 8.9 0.0 29.0





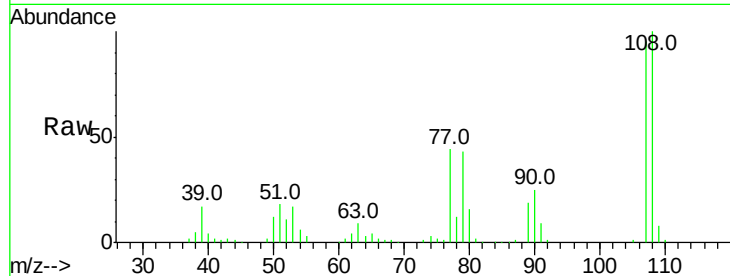
#17
2-Methylphenol
Concen: 45.16 ng
RT: 8.65 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Instrument :
BNA_G
ClientSampleId :
PB89730BS

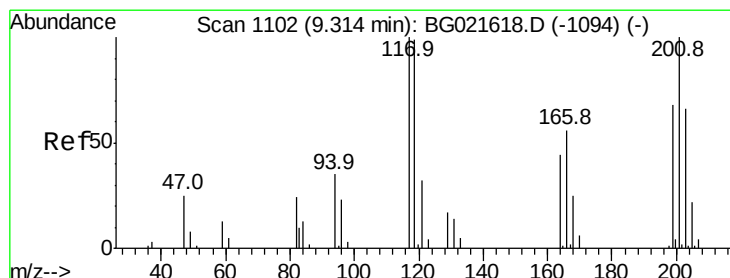
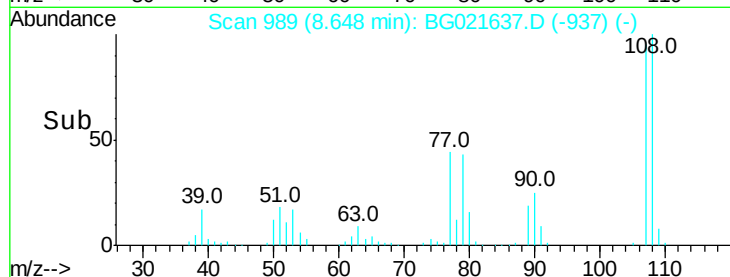
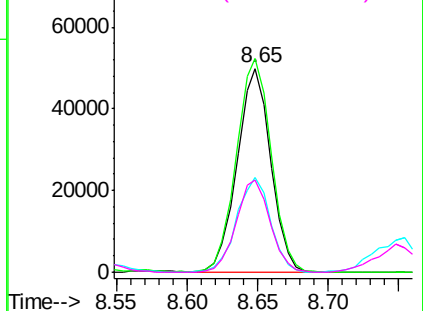
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	104.9	80.2	120.4	
77	46.3	40.7	61.1	
79	45.4	39.8	59.8	

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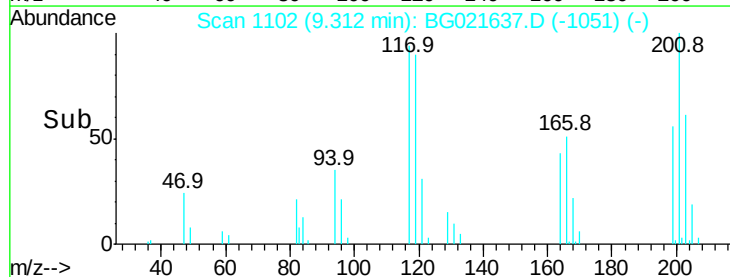
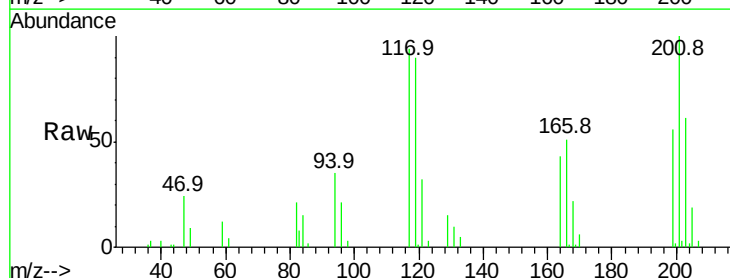
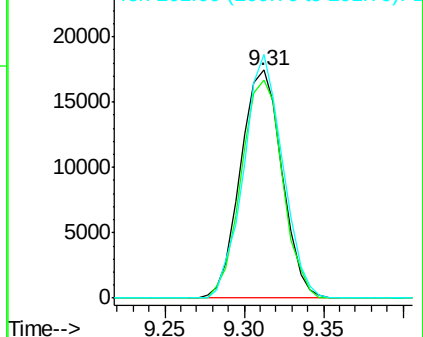
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

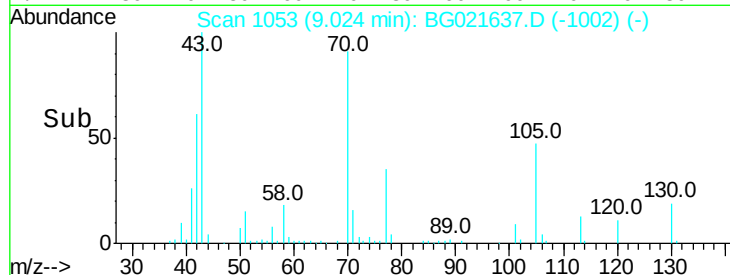
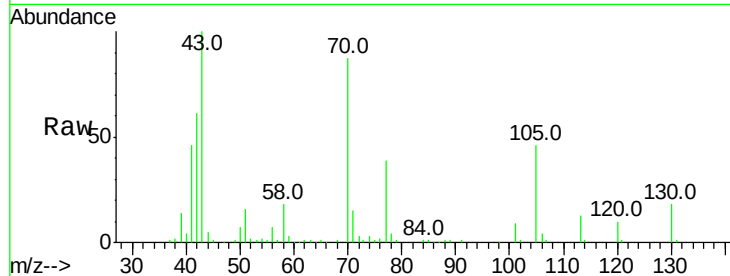
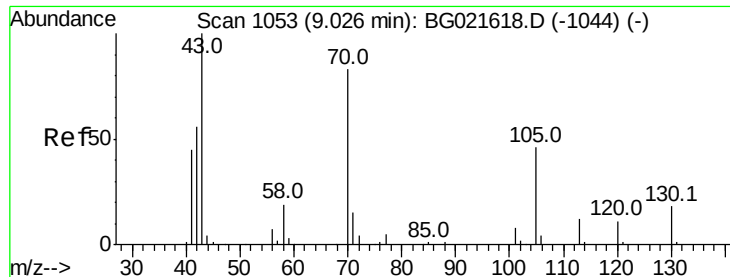


#18
Hexachloroethane
Concen: 38.69 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	63.9	95.9	
201	106.8	61.2	91.8#	

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





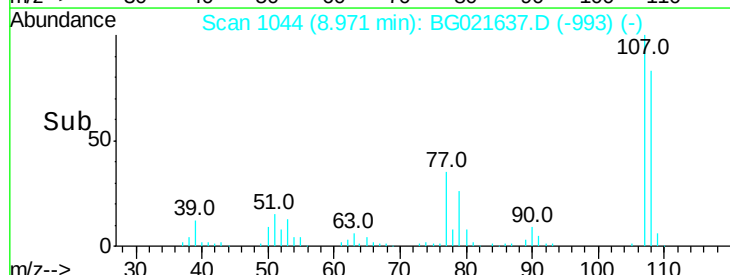
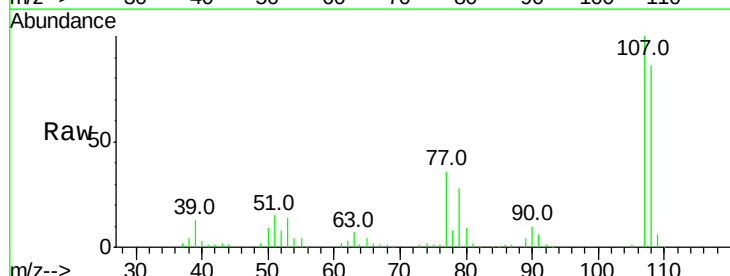
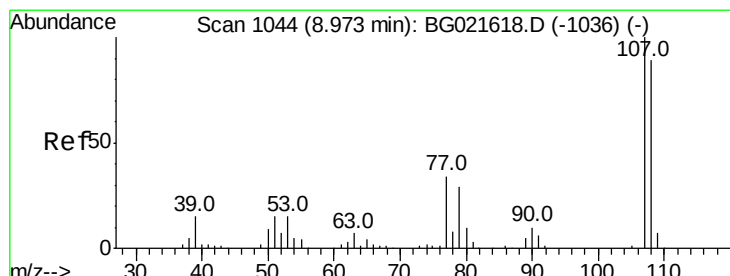
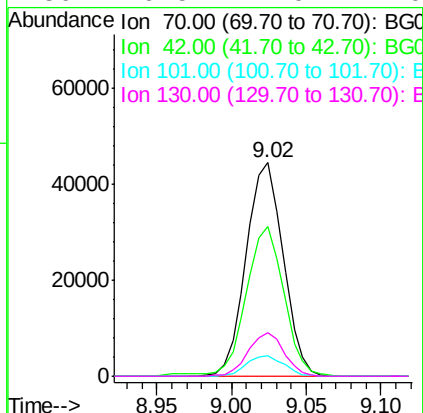
#19
n-Nitroso-di-n-propylamine
Concen: 39.87 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Instrument :
BNA_G
ClientSampleId :
PB89730BS

Manual Integrations
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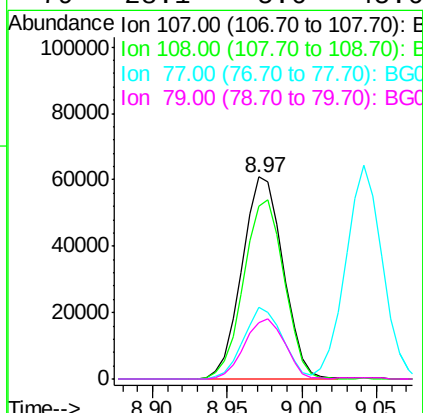
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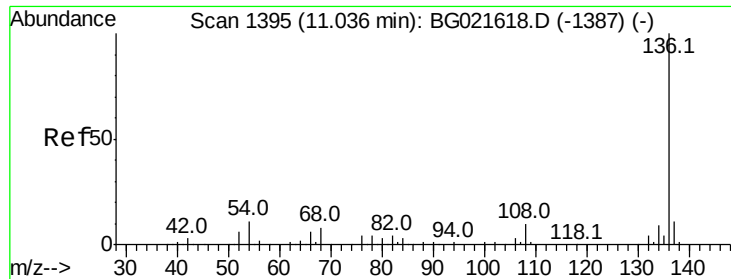
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.2	56.7	85.1	
101	9.8	8.2	12.4	
130	20.5	14.0	21.0	



#20
3+4-Methylphenols
Concen: 46.27 ng
RT: 8.97 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.5	66.2	106.2	
77	35.6	11.5	51.5	
79	28.1	5.6	45.6	





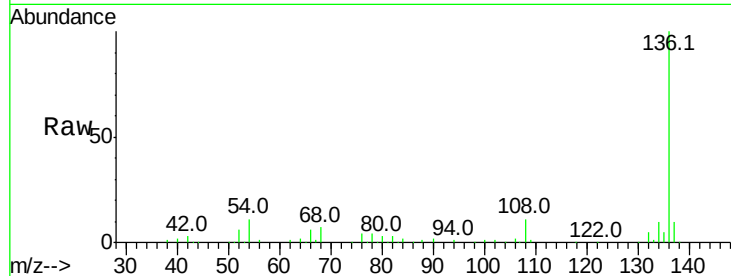
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Instrument :
BNA_G
ClientSampled :
PB89730BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.2	9.0	13.4	
54	11.1	9.6	14.4	
68	6.9	6.4	9.6	

Manual Integrations
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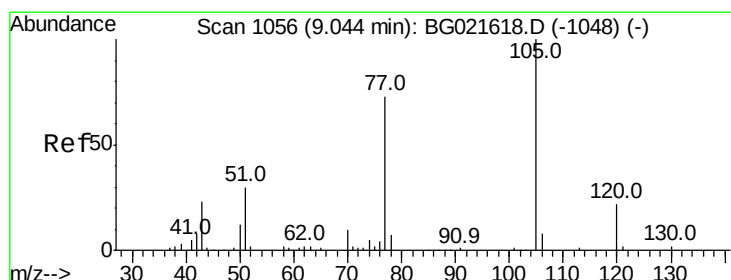
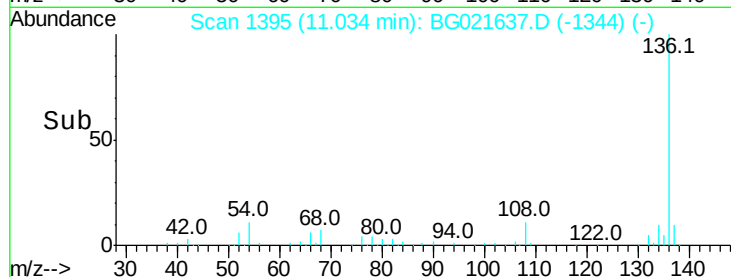
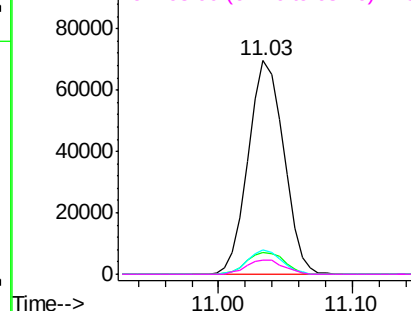
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 37.90 ng
RT: 9.04 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.8	0.0	0.0#	
51	33.0	25.7	38.5	
120	22.2	17.0	25.6	

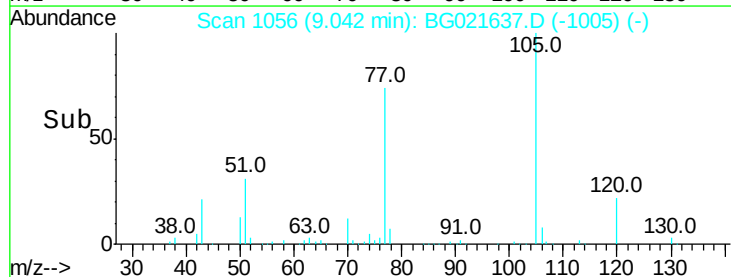
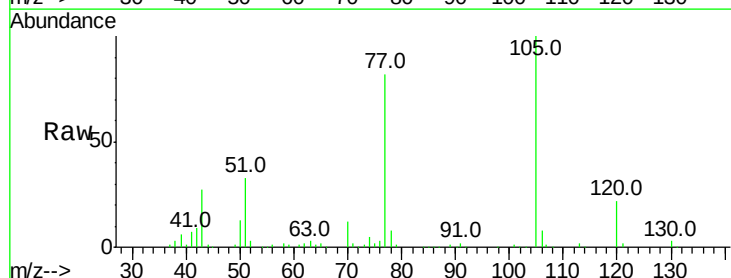
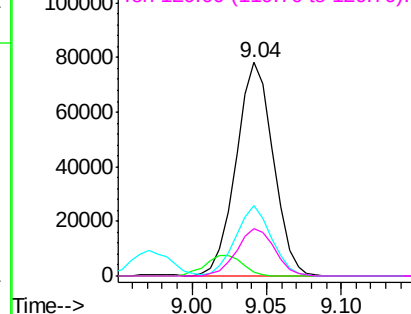
Abundance

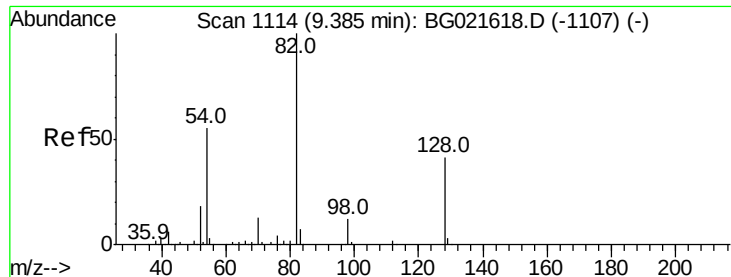
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





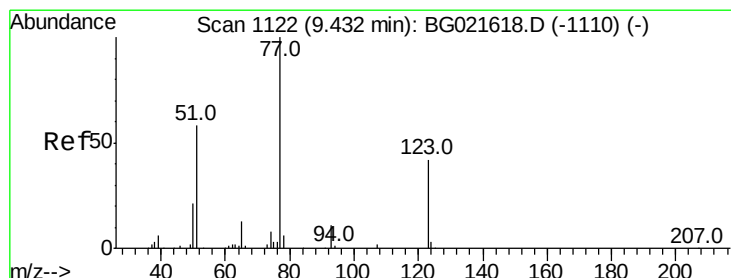
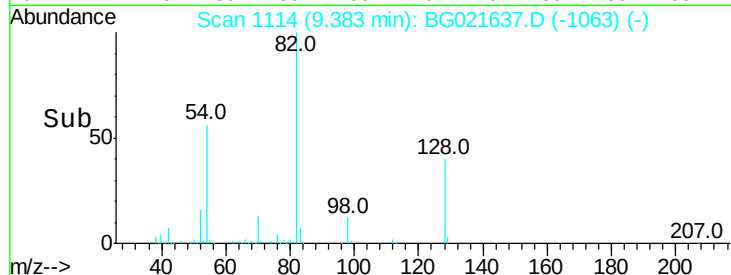
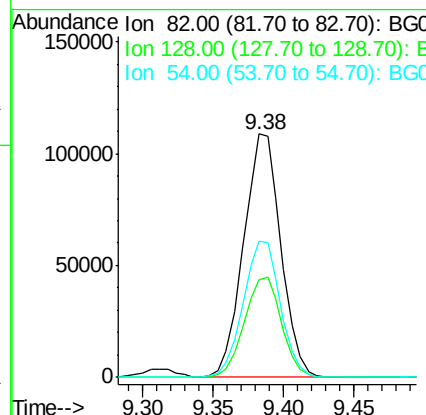
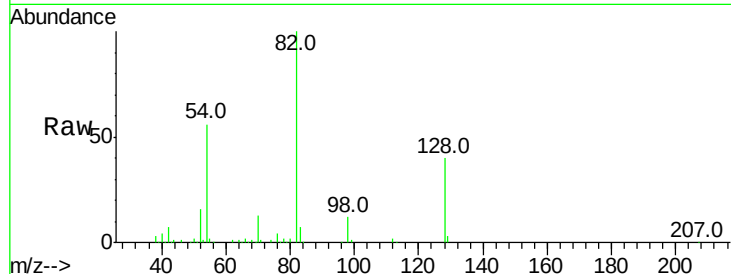
#23
 Nitrobenzene-d5
 Concen: 80.68 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021637.D
 Acq: 14 Apr 2016 1:29

Instrument :
 BNA_G
 ClientSampled :
 PB89730BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	40.3	33.4	50.0
54	56.1	46.1	69.1

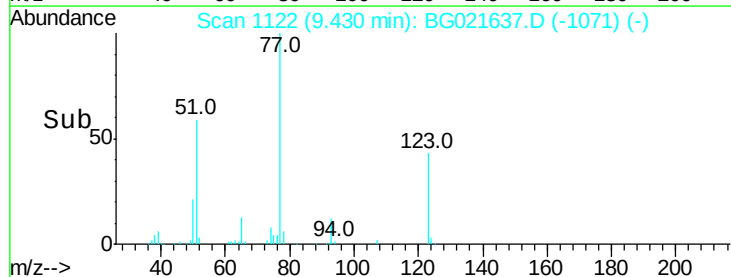
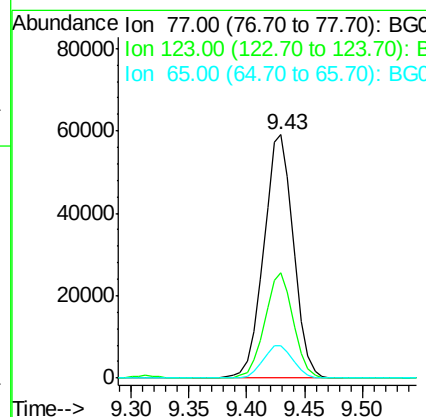
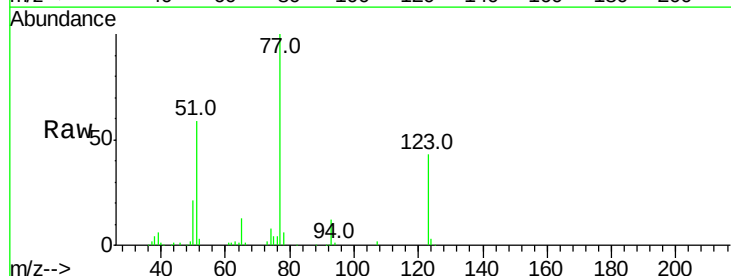
Manual Integrations
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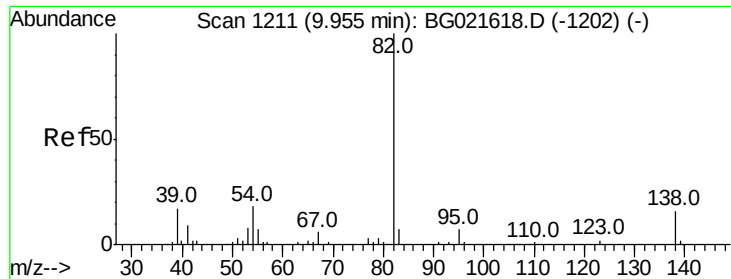
Sohil
 4/14/2016 5:30:00 PM



#24
 Nitrobenzene
 Concen: 39.83 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BG021637.D
 Acq: 14 Apr 2016 1:29

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	43.4	32.2	48.4
65	13.2	10.3	15.5





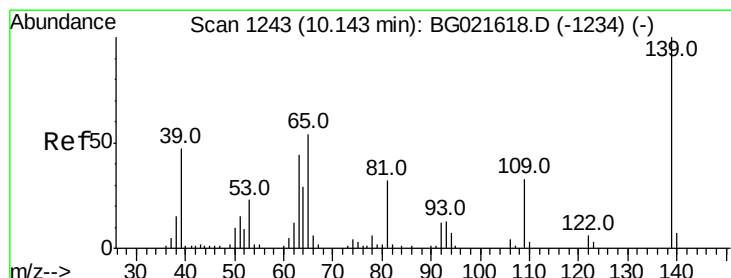
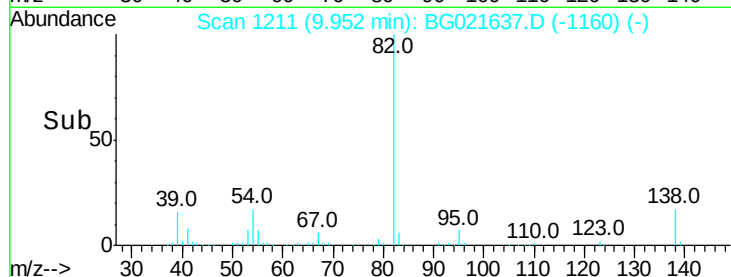
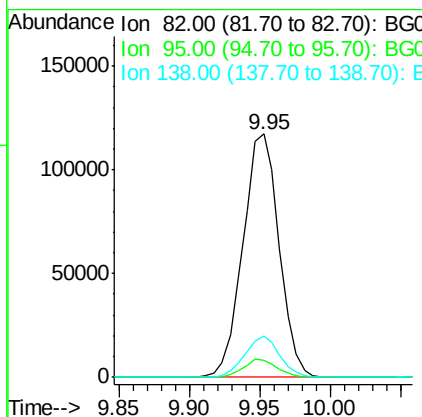
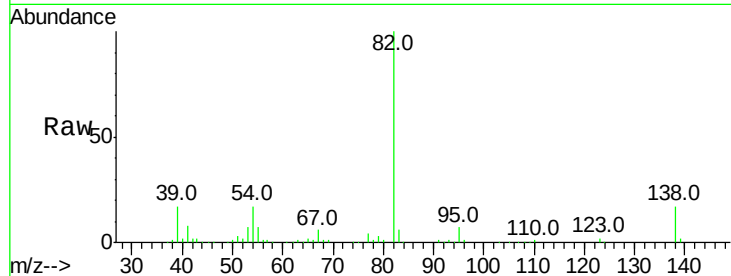
#25
Isophorone
Concen: 38.66 ng
RT: 9.95 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Instrument :
BNA_G
ClientSampleId :
PB89730BS

Tot Ion	82	Resp	210348
Ion	Ratio	Lower	Upper
82	100		
95	7.1	6.0	9.0
138	16.8	13.4	20.0

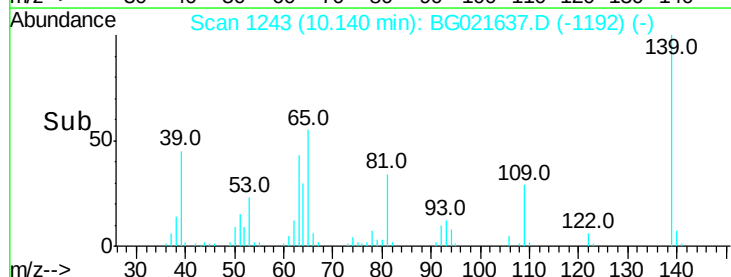
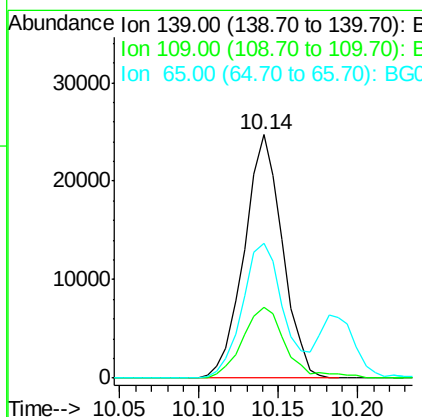
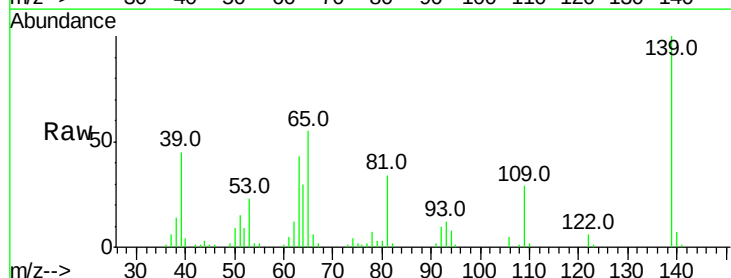
Manual Integrations
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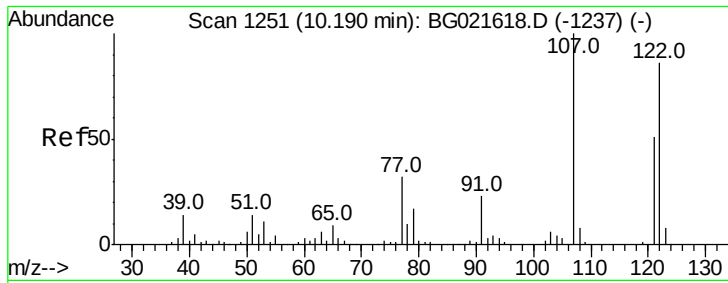
Sohil
4/14/2016 5:30:00 PM



#26
2-Nitrophenol
Concen: 40.77 ng
RT: 10.14 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Tgt Ion	139	Resp	41428
Ion	Ratio	Lower	Upper
139	100		
109	29.3	26.6	40.0
65	55.4	45.3	67.9





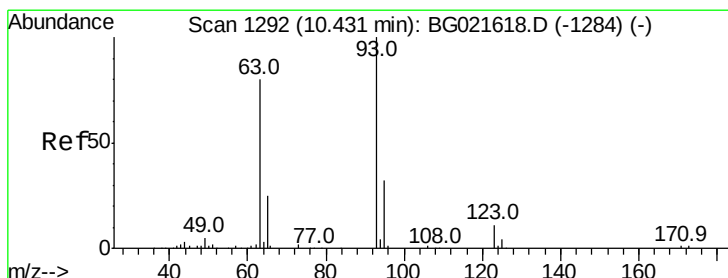
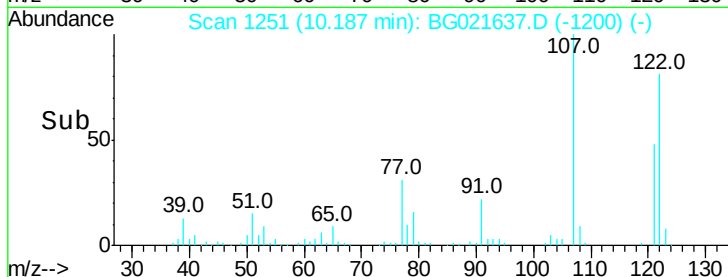
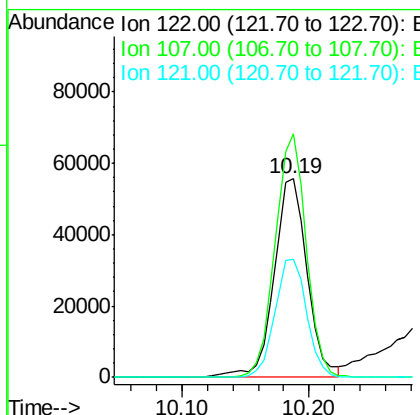
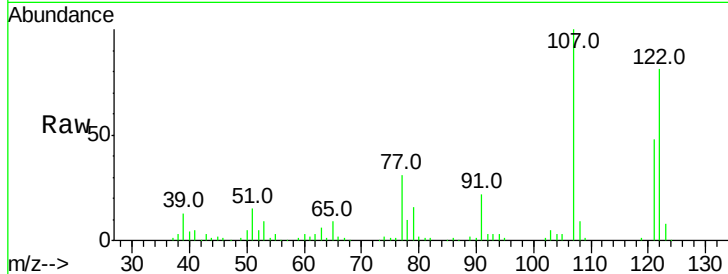
#27
 2,4-Dimethylphenol
 Concen: 43.63 ng
 RT: 10.19 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BG021637.D
 Acq: 14 Apr 2016 1:29

Instrument :
 BNA_G
 ClientSampleId :
 PB89730BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	100703		
107	122.7	97.2	145.8	
121	59.5	49.0	73.4	

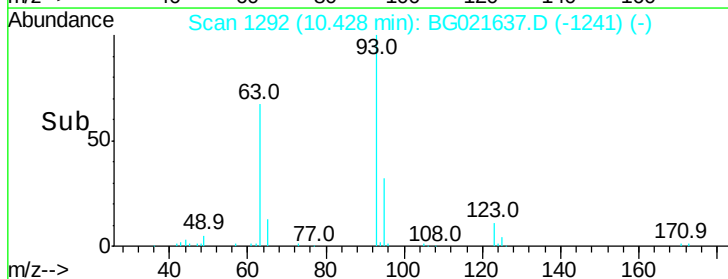
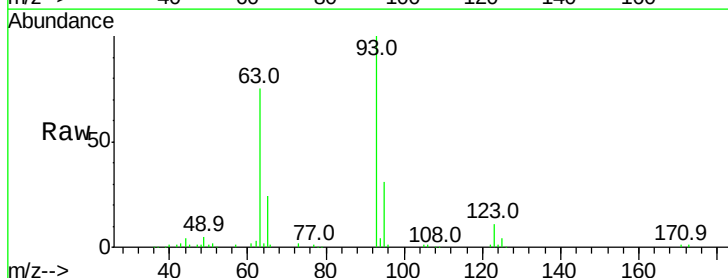
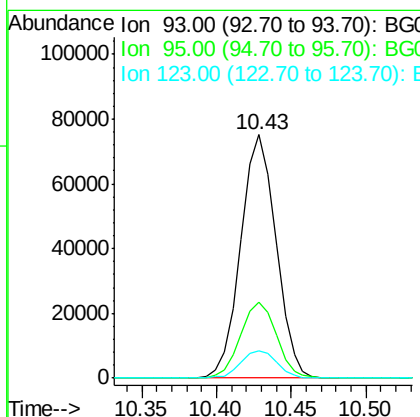
Manual Integrations
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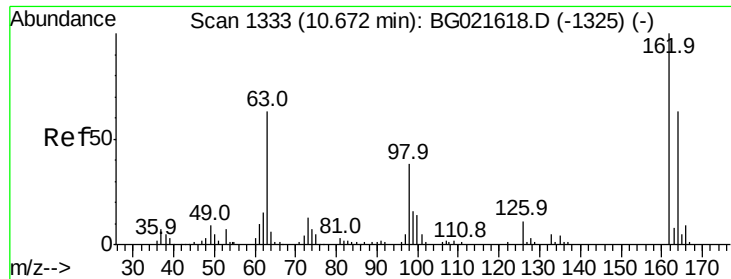
Sohil
 4/14/2016 5:30:00 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.61 ng
 RT: 10.43 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BG021637.D
 Acq: 14 Apr 2016 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	123183		
95	31.4	30.1	45.1	
123	11.0	10.2	15.4	





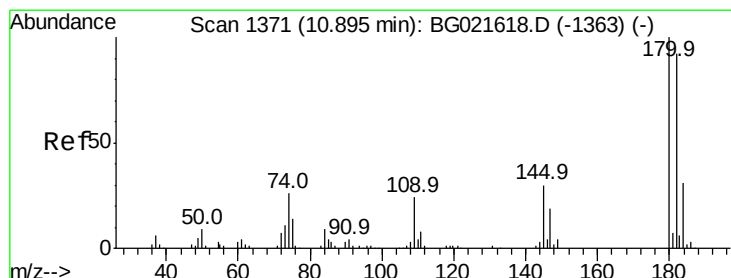
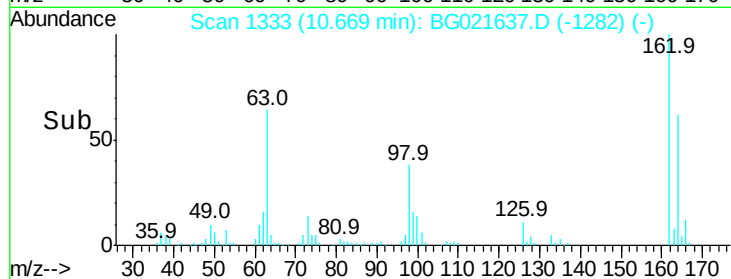
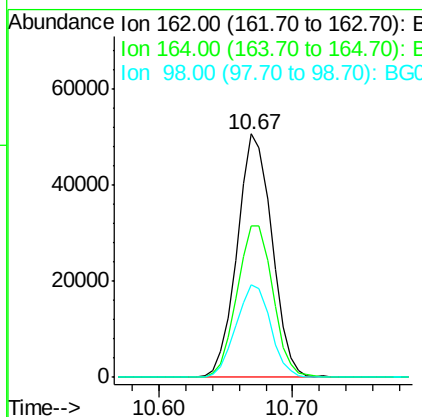
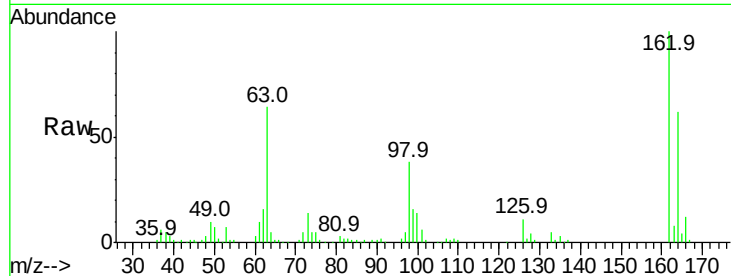
#29
 2,4-Dichlorophenol
 Concen: 46.29 ng
 RT: 10.67 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BG021637.D
 Acq: 14 Apr 2016 1:29

Instrument :
 BNA_G
 ClientSampleId :
 PB89730BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	91086		
164	62.3		44.9	84.9
98	37.8		19.2	59.2

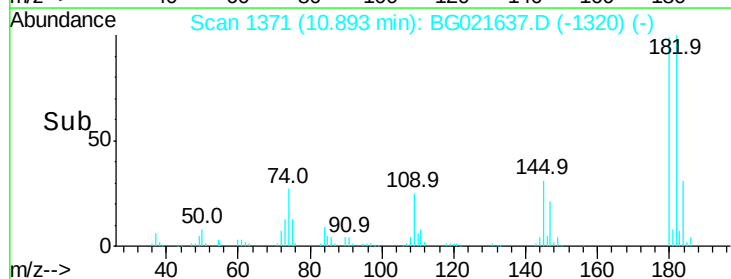
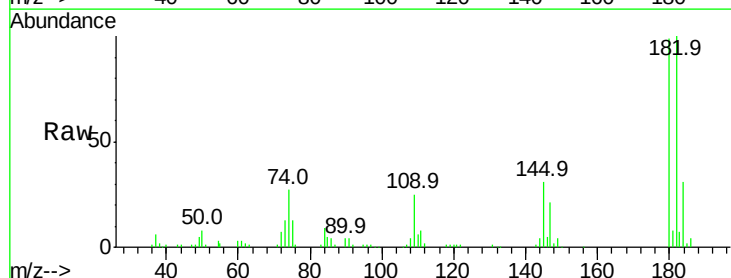
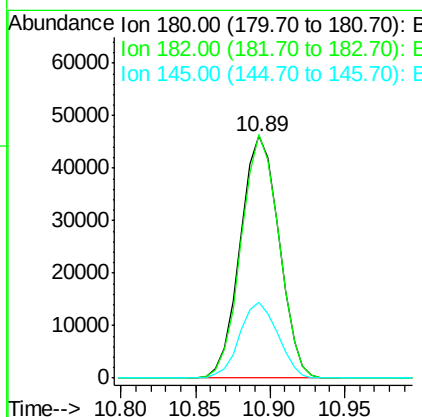
Manual Integrations
 APPROVED

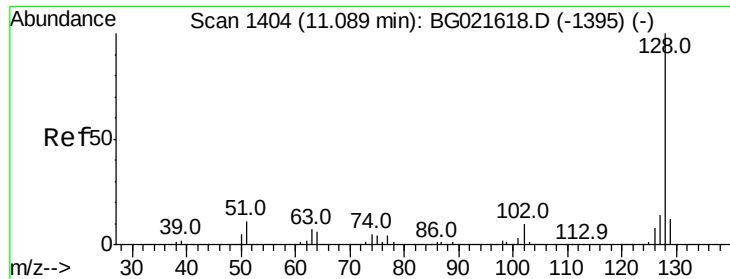
Sohil
 4/14/2016 5:30:00 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.25 ng
 RT: 10.89 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BG021637.D
 Acq: 14 Apr 2016 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	83061		
182	100.6		82.3	123.5
145	31.4		24.4	36.6





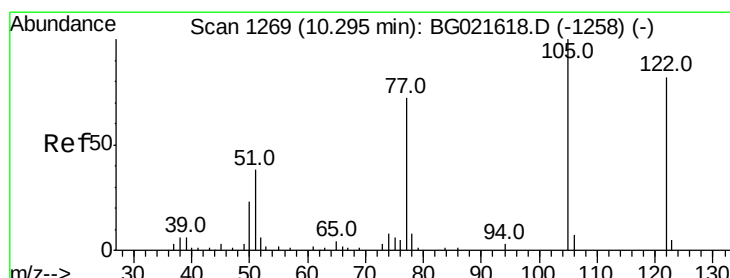
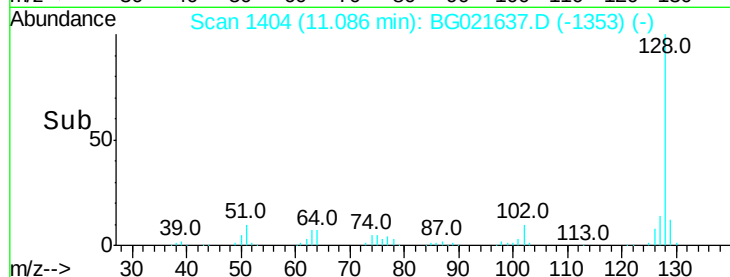
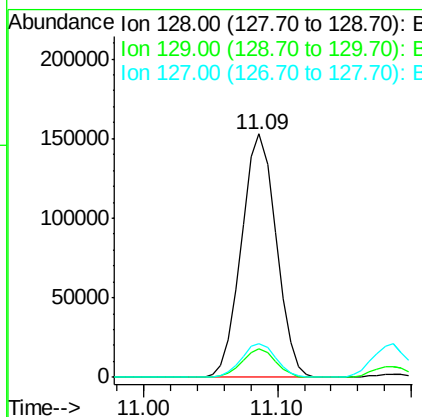
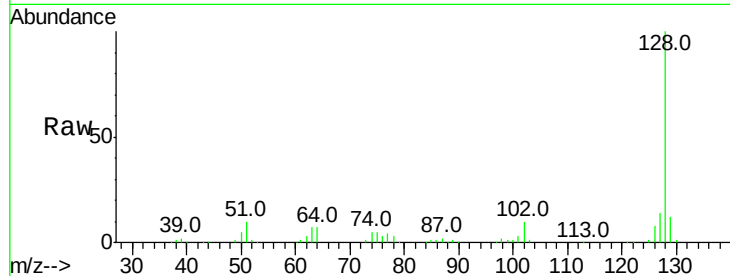
#31
Naphthalene
Concen: 40.29 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Instrument :
BNA_G
ClientSampleId :
PB89730BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	7.0	10.6#
127	13.7	10.1	15.1

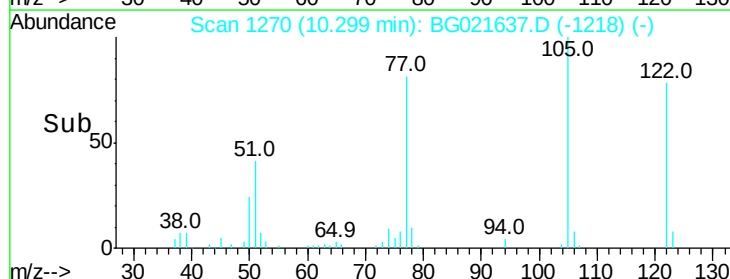
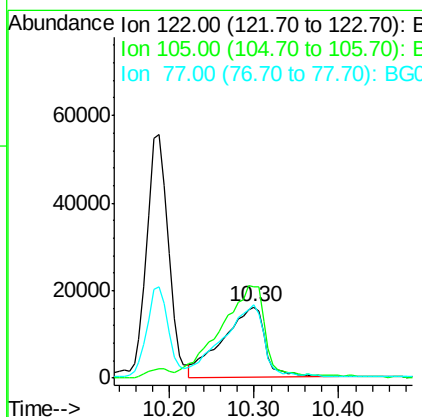
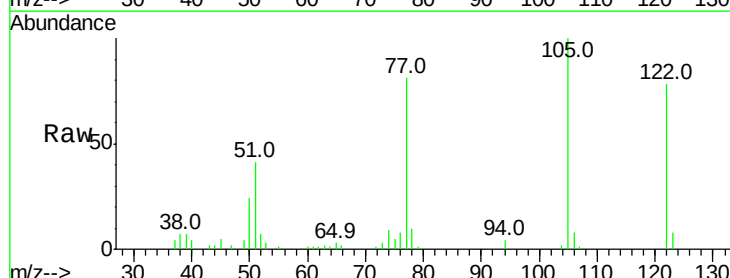
Manual Integrations
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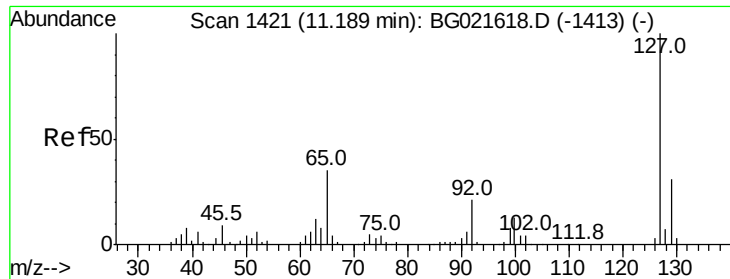
Sohil
4/14/2016 5:30:00 PM



#32
Benzoic acid
Concen: 44.15 ng
RT: 10.30 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.7	104.5	144.5
77	103.4	79.9	119.9





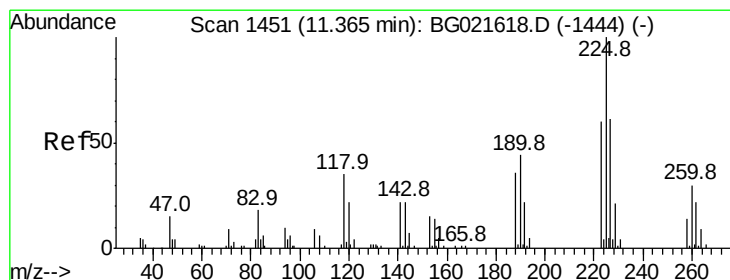
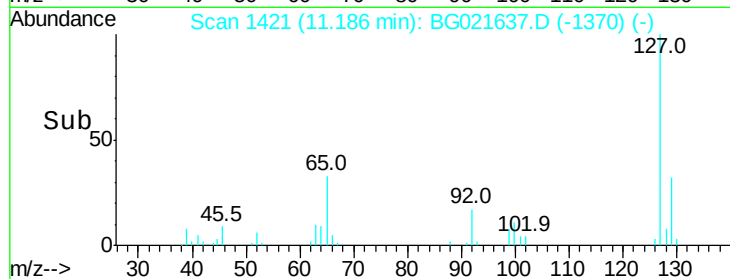
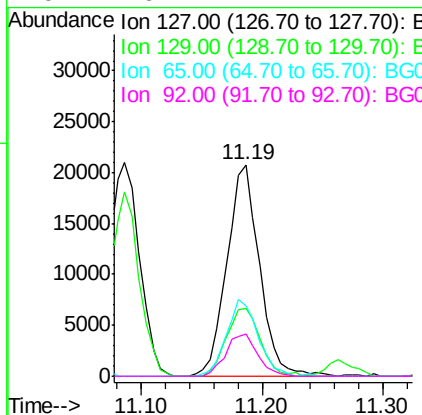
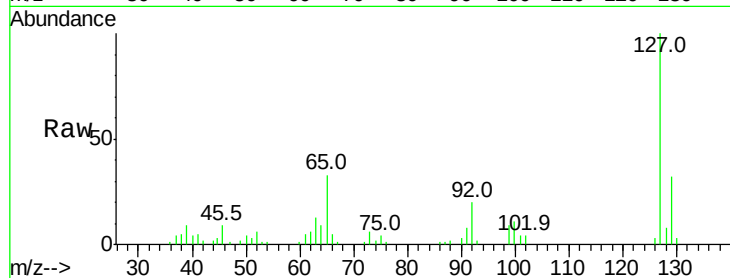
#33
4-Chloroaniline
Concen: 13.18 ng
RT: 11.19 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Instrument :
BNA_G
ClientSampleId :
PB89730BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.6	39.8		
65	33.2	27.5	41.3		
92	20.2	14.7	22.1		

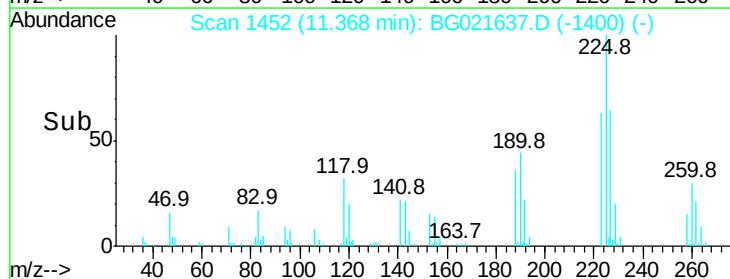
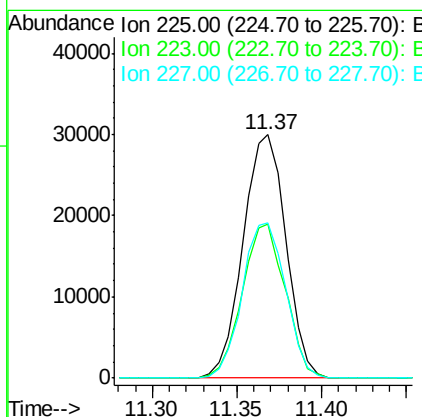
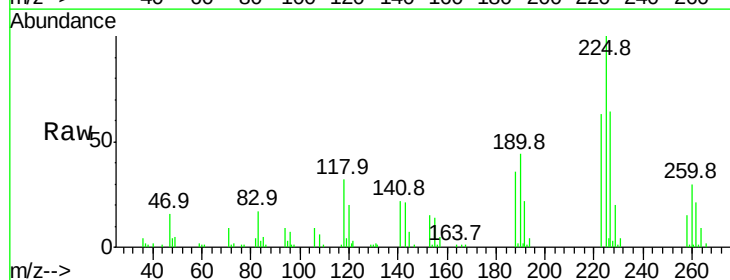
Manual Integrations
APPROVED

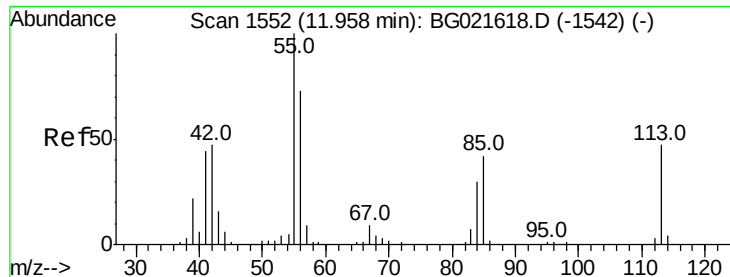
Sohil
4/14/2016 5:30:00 PM



#34
Hexachlorobutadiene
Concen: 38.66 ng
RT: 11.37 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	52.7	79.1		
227	63.9	49.7	74.5		





#35

Caprolactam

Concen: 43.72 ng/ml

RT: 11.95 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Instrument :

BNA_G

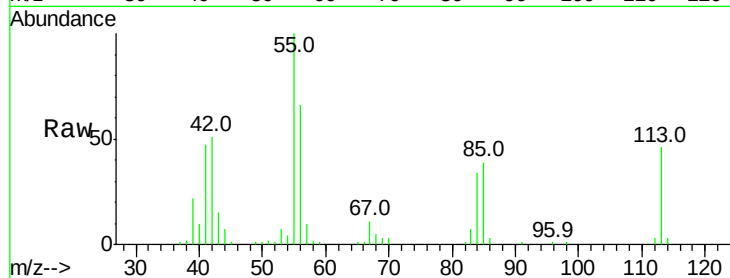
ClientSampled :

PB89730BS

Tot Ion:	113	Resp:	39377
Ion Ratio	Lower	Upper	
113	100		
55	215.5	194.2	234.2
56	142.5	122.6	162.6

Manual Integrations
APPROVED

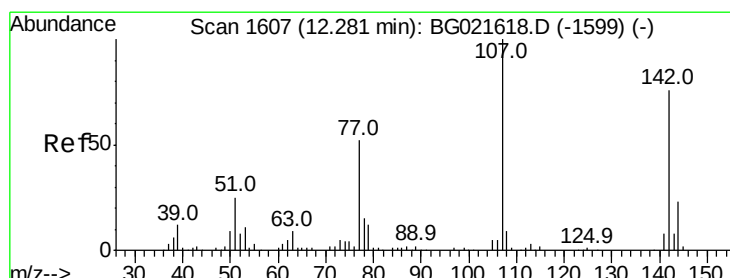
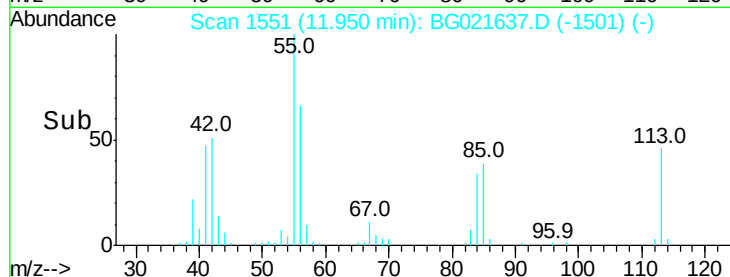
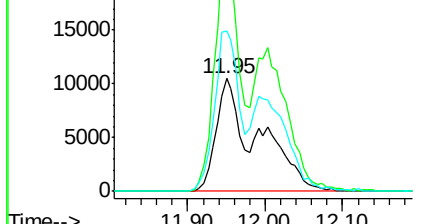
Sohil
4/14/2016 5:30:00 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG021618.D (-1542) (-)

Ion 56.00 (55.70 to 56.70): BG021618.D (-1542) (-)



#36

4-Chloro-3-methylphenol

Concen: 47.73 ng/ml

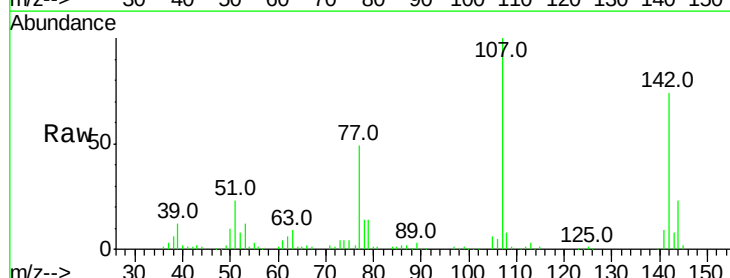
RT: 12.28 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

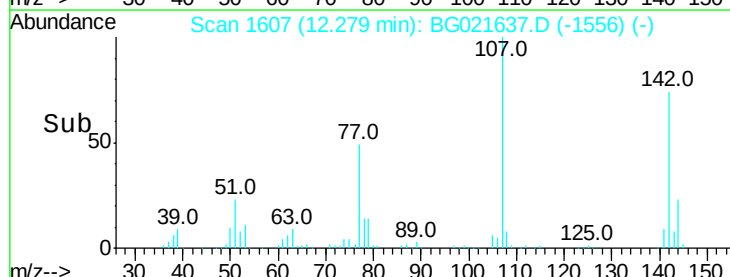
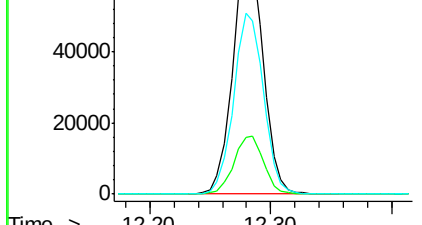
Tgt Ion:	107	Resp:	118129
Ion Ratio	Lower	Upper	
107	100		
144	23.3	19.2	28.8
142	74.4	59.1	88.7

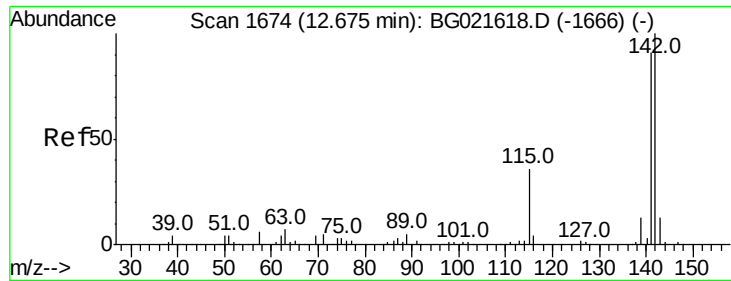


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





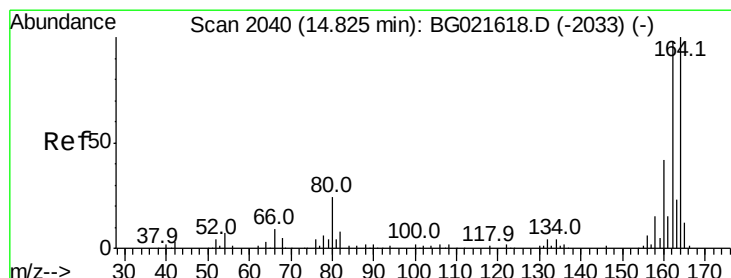
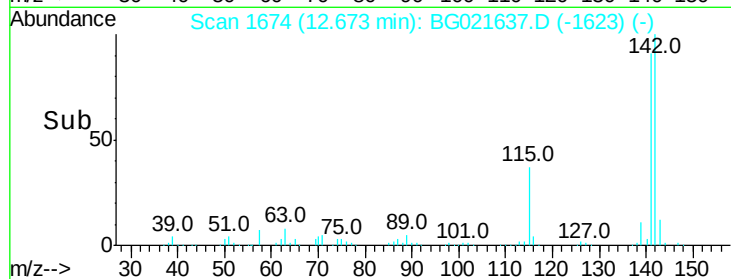
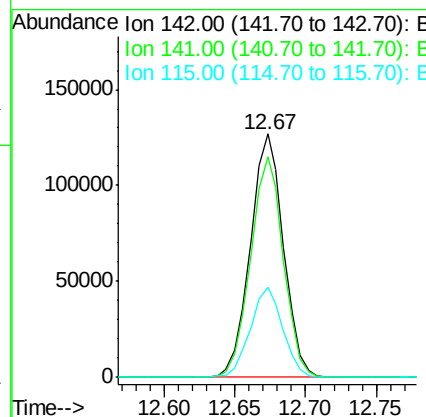
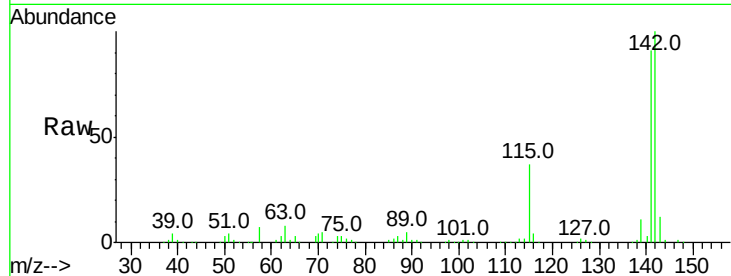
#37
2-Methylnaphthalene
Concen: 44.22 ng
RT: 12.67 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Instrument :
BNA_G
ClientSampleId :
PB89730BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	207559		
141	90.8		71.4	107.0
115	36.9		27.4	41.2

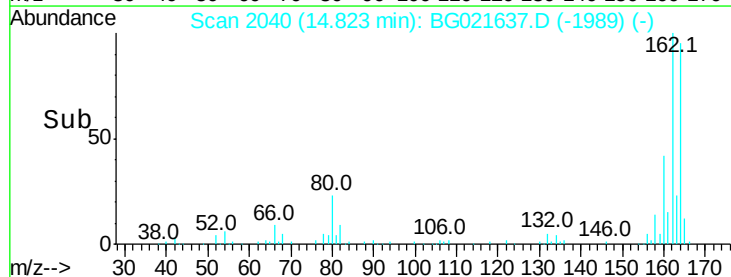
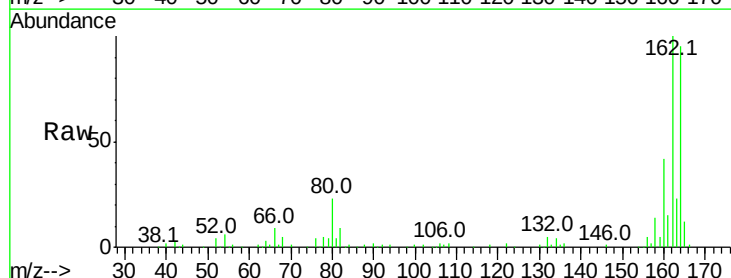
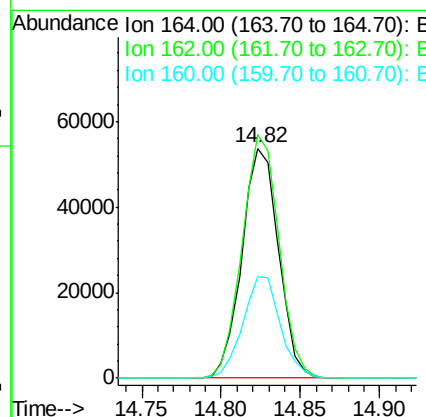
Manual Integrations
APPROVED

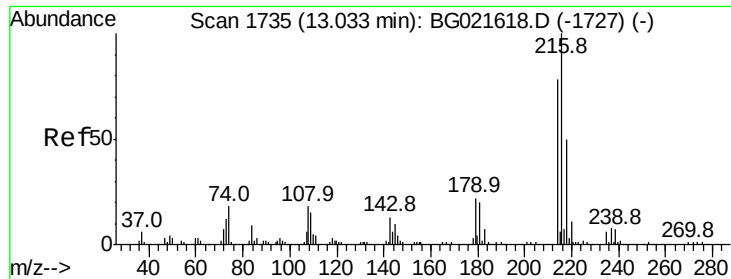
Sohil
4/14/2016 5:30:00 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	86181		
162	105.8		78.0	117.0
160	44.2		32.9	49.3





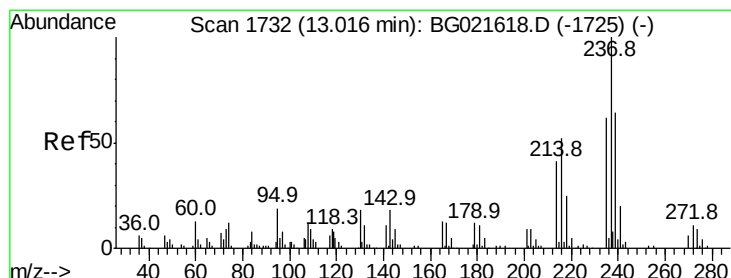
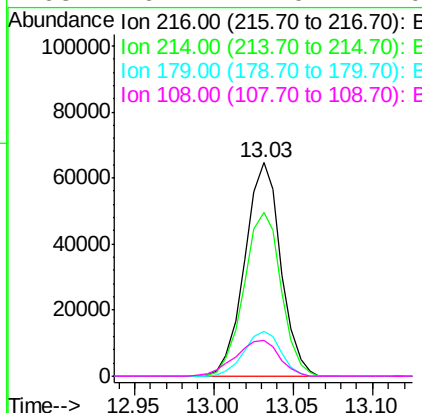
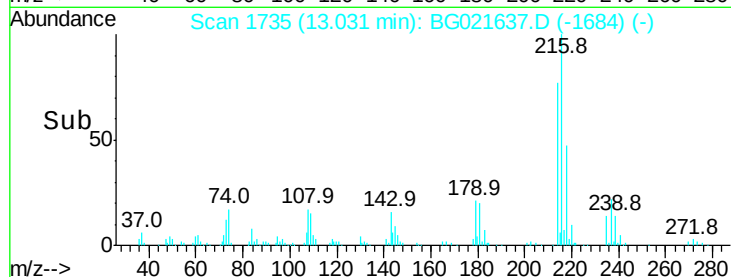
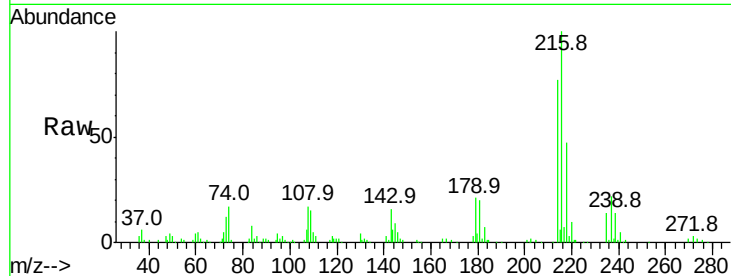
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.84 ng
 RT: 13.03 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG021637.D
 Acq: 14 Apr 2016 1:29

Instrument :
 BNA_G
 ClientSampled :
 PB89730BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	62.2	93.2
179	21.4	16.7	25.1
108	20.7	14.0	21.0

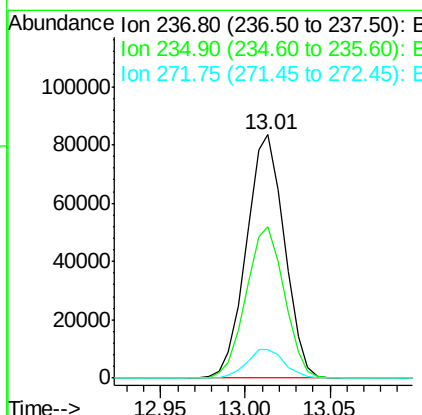
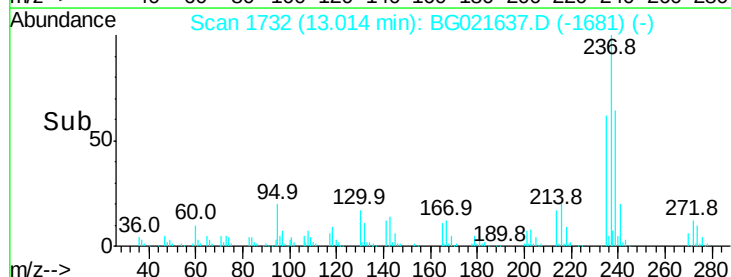
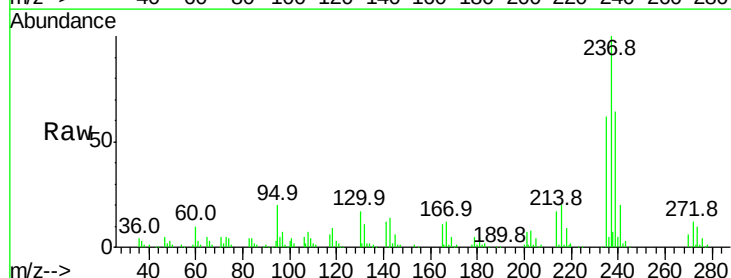
Manual Integrations
 APPROVED

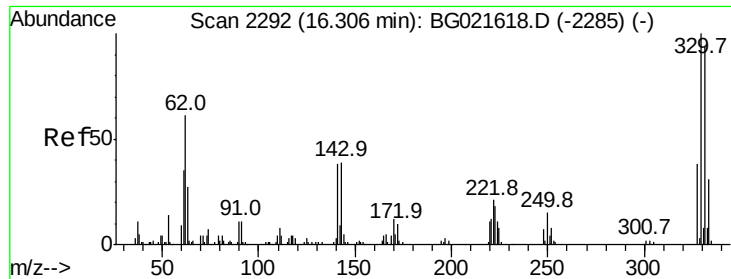
Sohil
 4/14/2016 5:30:00 PM



#40
 Hexachlorocyclopentadiene
 Concen: 87.30 ng
 RT: 13.01 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG021637.D
 Acq: 14 Apr 2016 1:29

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.2	43.2	83.2
272	11.7	0.0	33.4





#41

2,4,6-Tribromophenol

Concen: 141.74 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Instrument :

BNA_G

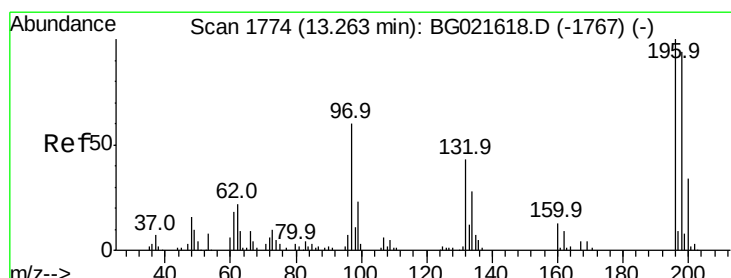
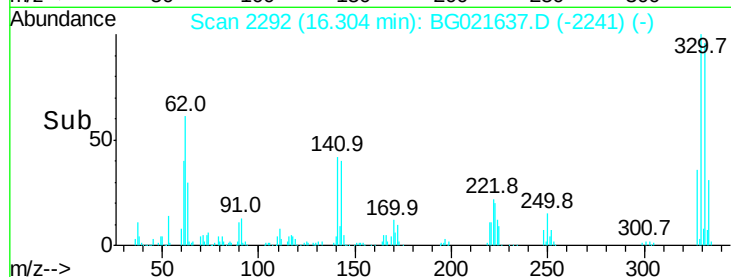
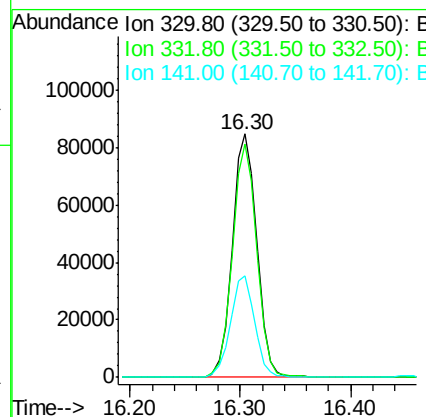
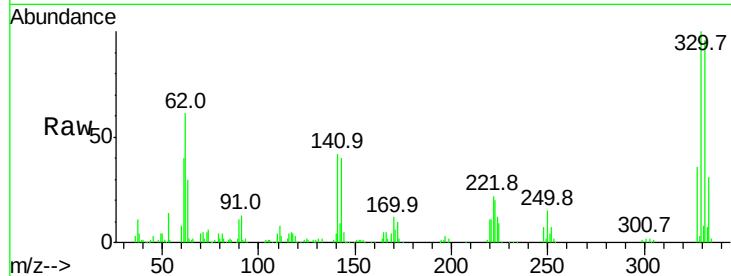
ClientSampled :

PB89730BS

Tot Ion:	330	Resp:	131647
Ion Ratio	Lower	Upper	
330	100		
332	95.0	78.0	117.0
141	41.1	33.8	50.8

Manual Integrations
APPROVED

Sohil
4/14/2016 5:30:00 PM



#42

2,4,6-Trichlorophenol

Concen: 42.93 ng

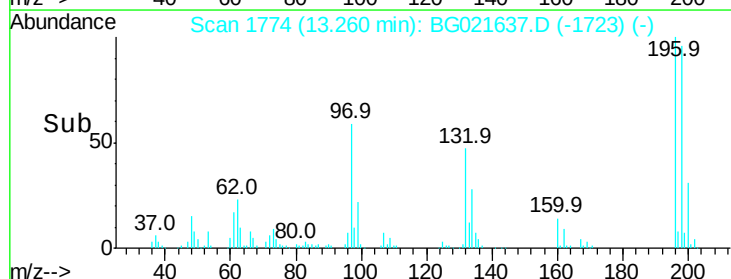
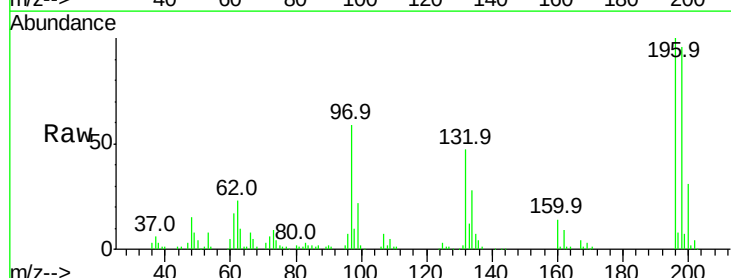
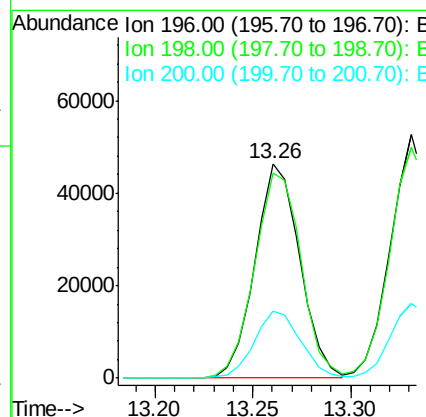
RT: 13.26 min Scan# 1774

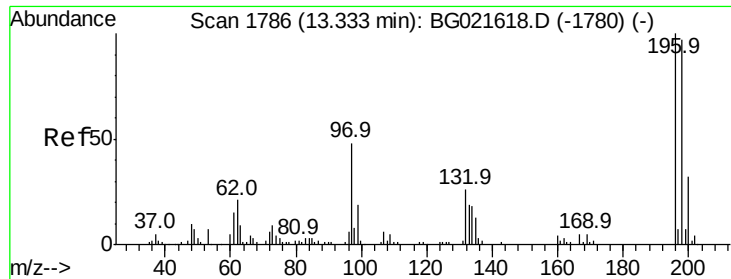
Delta R.T. -0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Tgt Ion:	196	Resp:	73729
Ion Ratio	Lower	Upper	
196	100		
198	95.7	80.1	120.1
200	31.4	24.1	36.1





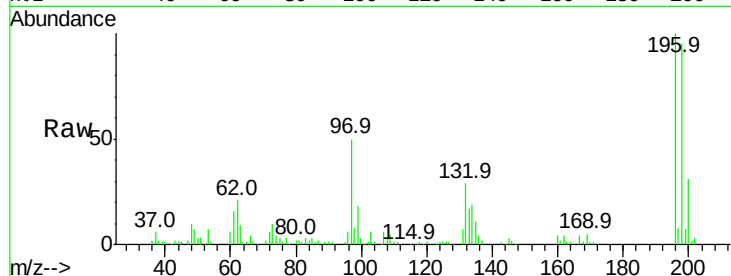
#43
 2,4,5-Trichlorophenol
 Concen: 45.56 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG021637.D
 Acq: 14 Apr 2016 1:29

Instrument :
 BNA_G
 ClientSampleId :
 PB89730BS

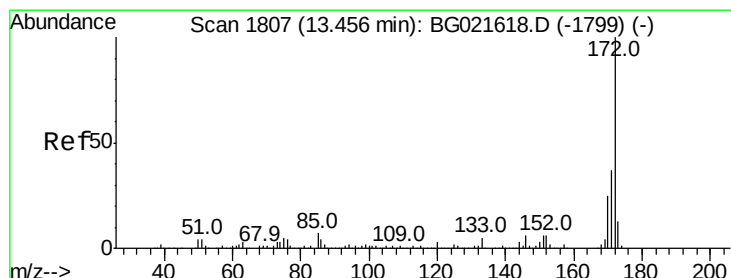
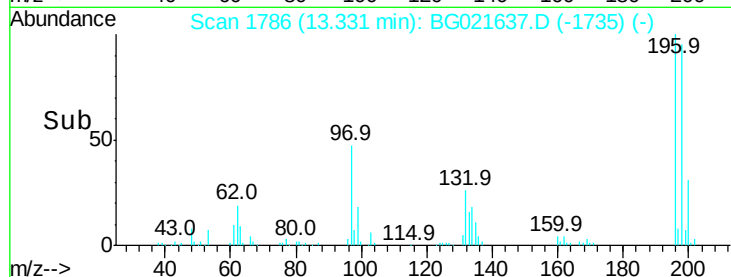
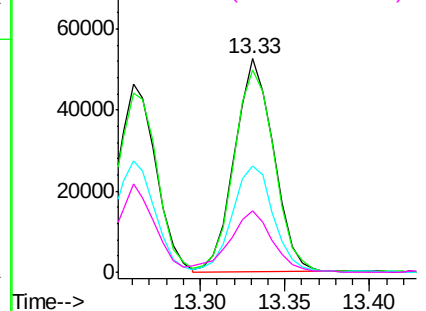
Tot Ion:	196	Resp:	84426
Ion Ratio	Lower	Upper	
196	100		
198	95.0	78.0	117.0
97	49.8	43.0	64.6
132	28.5	23.0	34.4

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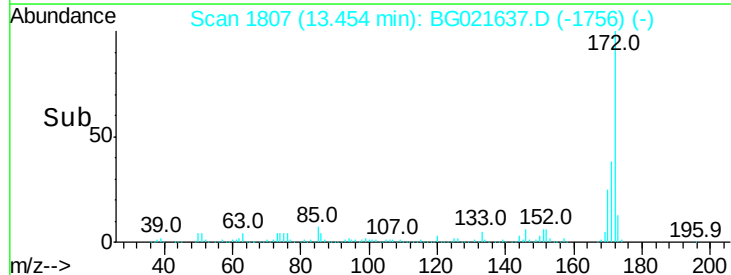
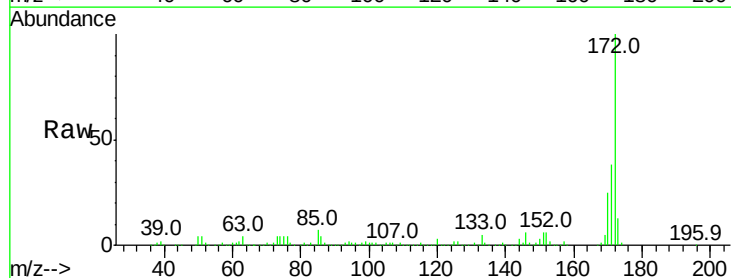
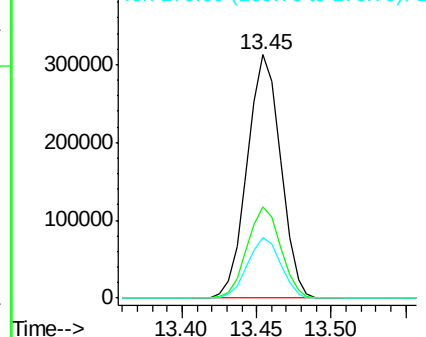
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

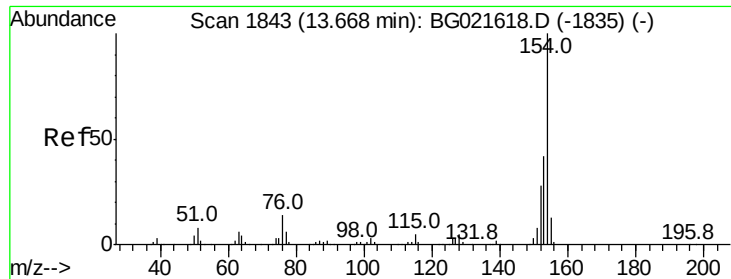


#44
 2-Fluorobiphenyl
 Concen: 82.27 ng
 RT: 13.45 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG021637.D
 Acq: 14 Apr 2016 1:29

Tgt Ion:	172	Resp:	483917
Ion Ratio	Lower	Upper	
172	100		
171	37.6	27.8	41.6
170	24.9	19.6	29.4

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.66 ng

RT: 13.67 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Instrument :

BNA_G

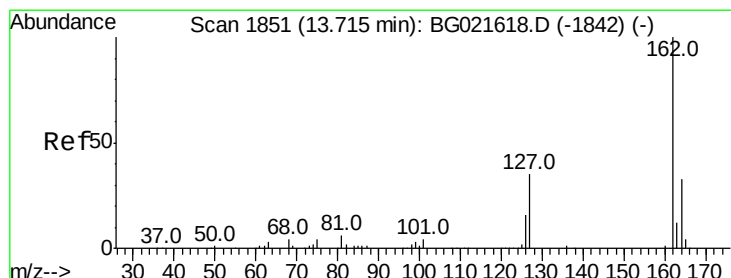
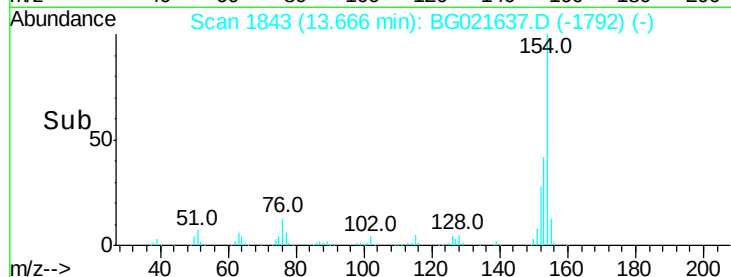
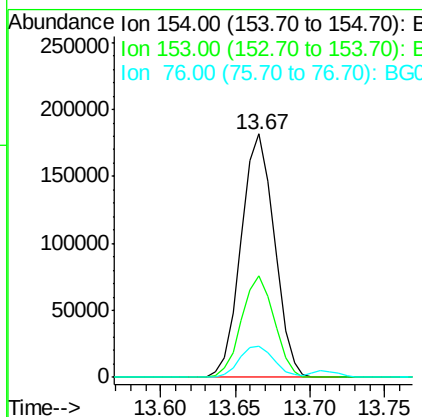
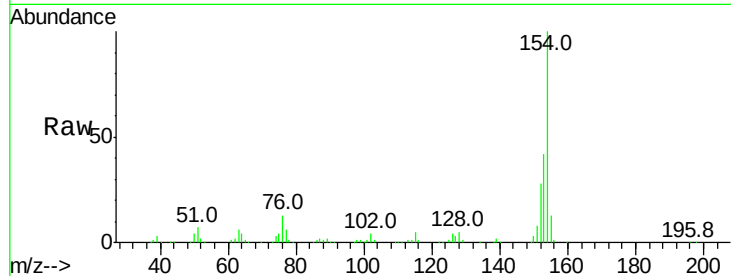
ClientSampleId :

PB89730BS

Tot Ion:	154	Resp:	280739
Ion Ratio	Lower	Upper	
154	100		
153	41.7	19.7	59.7
76	13.0	0.0	33.0

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#46

2-Chloronaphthalene

Concen: 40.30 ng

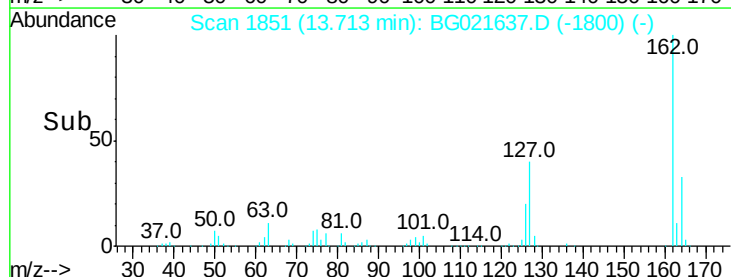
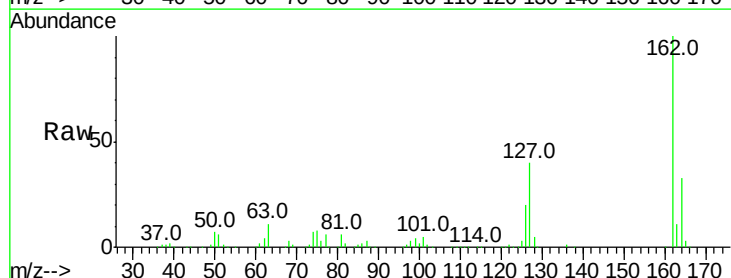
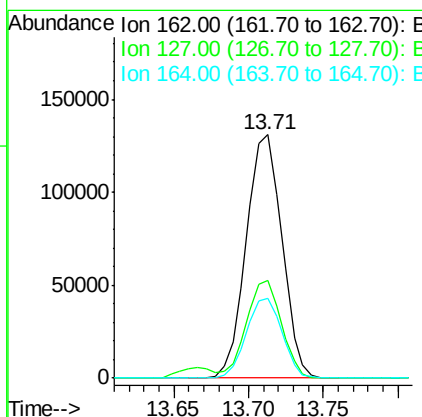
RT: 13.71 min Scan# 1851

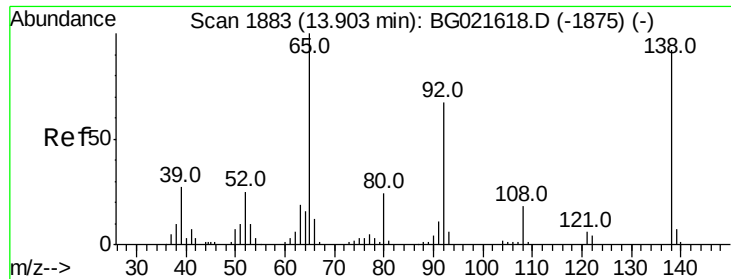
Delta R.T. -0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Tgt Ion:	162	Resp:	216364
Ion Ratio	Lower	Upper	
162	100		
127	40.3	32.0	48.0
164	32.6	27.0	40.4





#47

2-Nitroaniline

Concen: 44.95 ng

RT: 13.91 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Instrument :

BNA_G

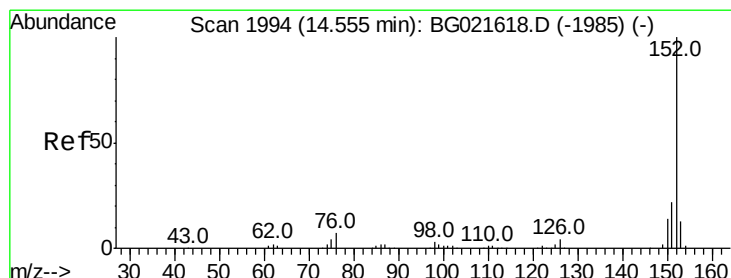
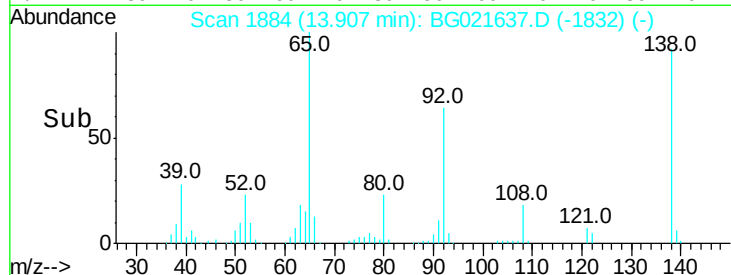
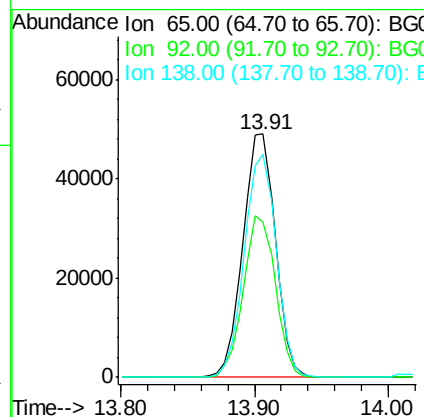
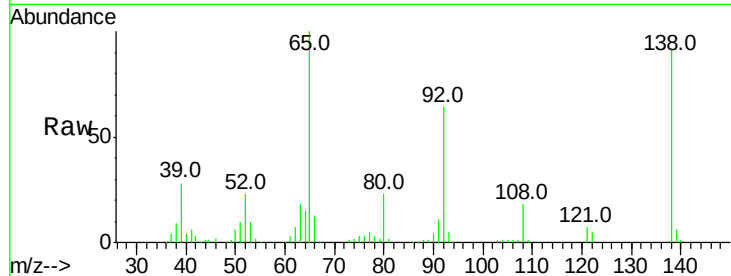
ClientSampleId :

PB89730BS

Tot Ion:	65	Resp:	82740
Ion Ratio	Lower	Upper	
65	100		
92	64.0	49.2	73.8
138	91.5	75.0	112.6

Manual Integrations
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#48

Acenaphthylene

Concen: 40.95 ng

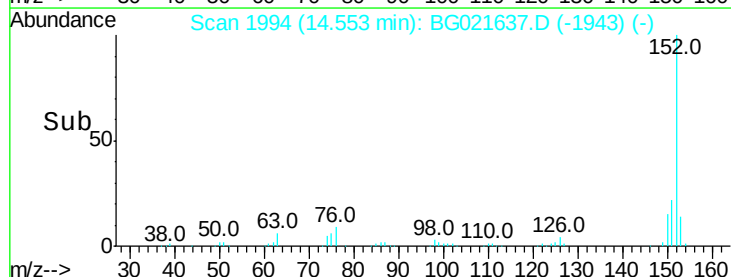
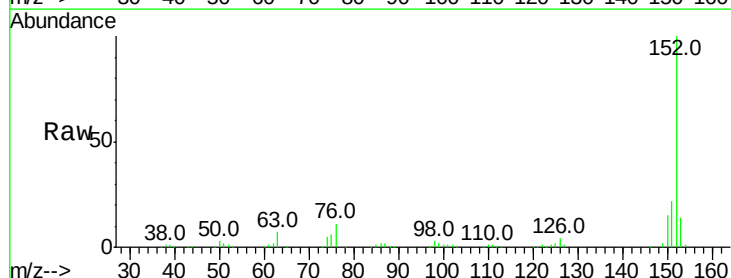
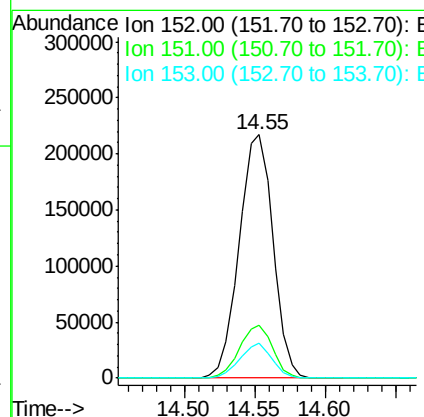
RT: 14.55 min Scan# 1994

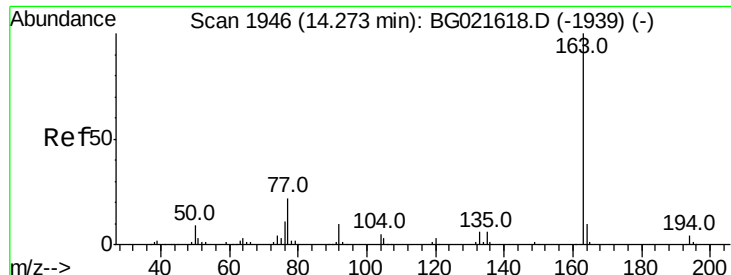
Delta R.T. -0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Tgt Ion:	152	Resp:	363436
Ion Ratio	Lower	Upper	
152	100		
151	21.8	16.6	24.8
153	14.3	10.2	15.2





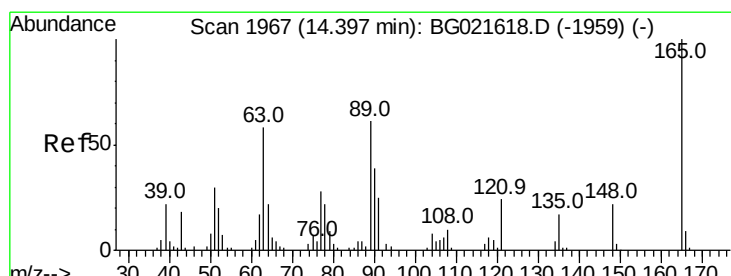
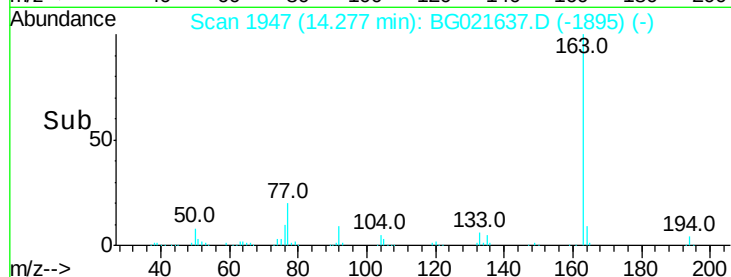
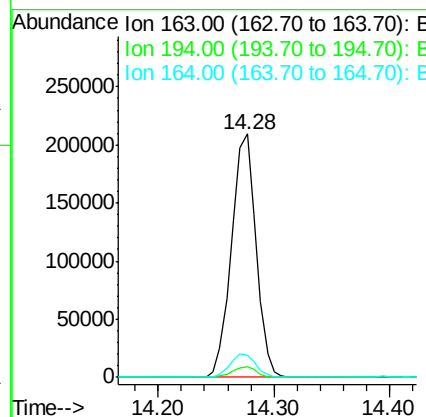
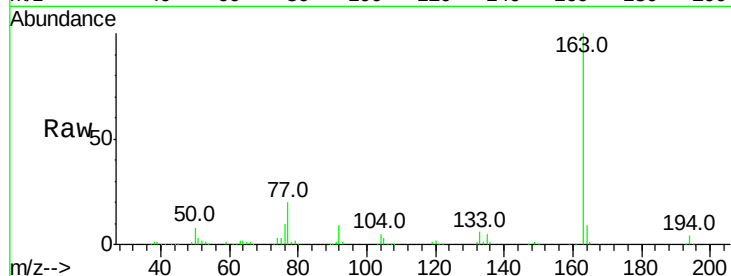
#49
Dimethylphthalate
Concen: 41.35 ng
RT: 14.28 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Instrument :
BNA_G
ClientSampleId :
PB89730BS

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.2	3.0	4.6
164	9.2	8.1	12.1

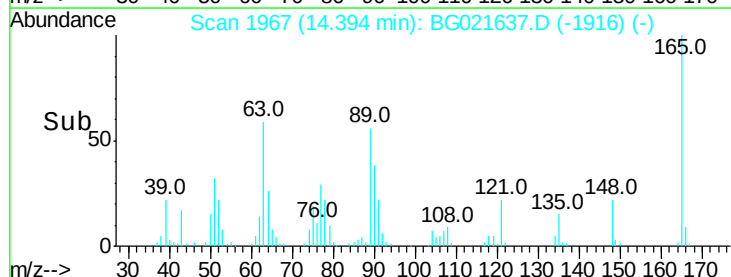
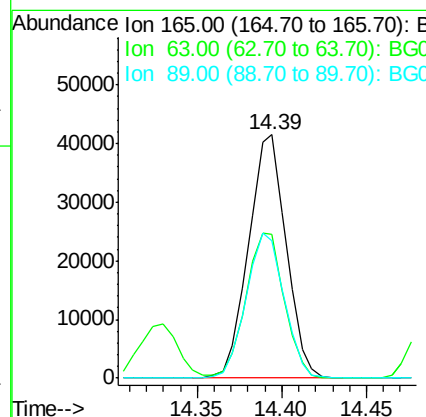
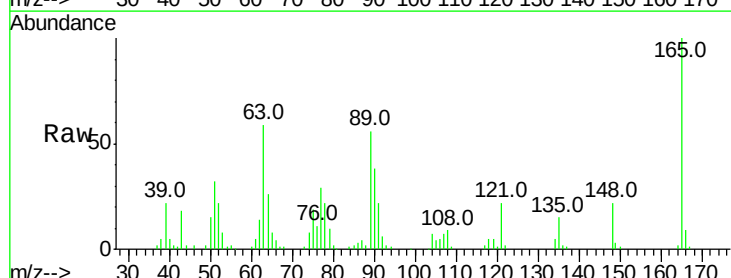
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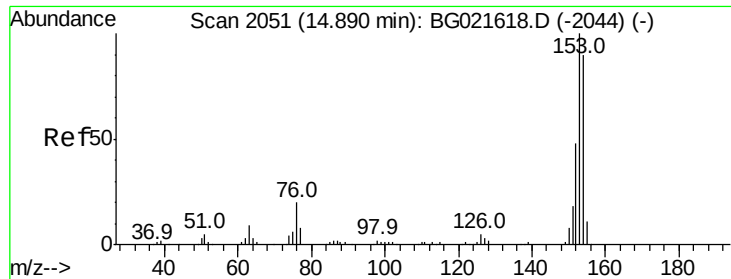
Sohil
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#50
2,6-Dinitrotoluene
Concen: 45.15 ng
RT: 14.39 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	59.2	48.2	72.4
89	56.5	45.3	67.9





#51

Acenaphthene

Concen: 44.37 ng

RT: 14.89 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Instrument :

BNA_G

ClientSampleId :

PB89730BS

Tot Ion:154 Resp: 251735

Ion Ratio Lower Upper

154 100

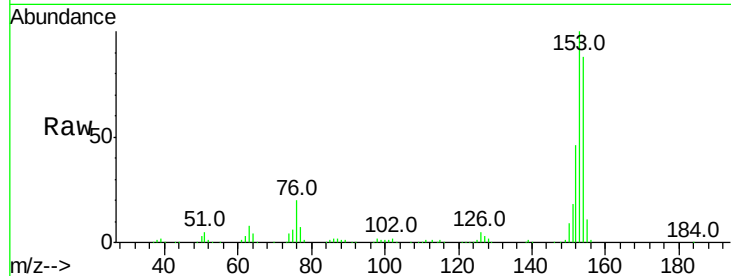
153 113.9 91.9 137.9

152 52.9 42.0 63.0

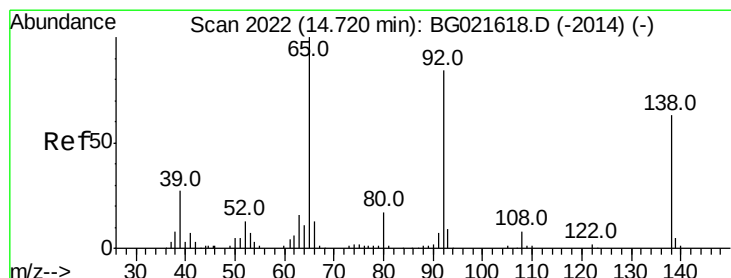
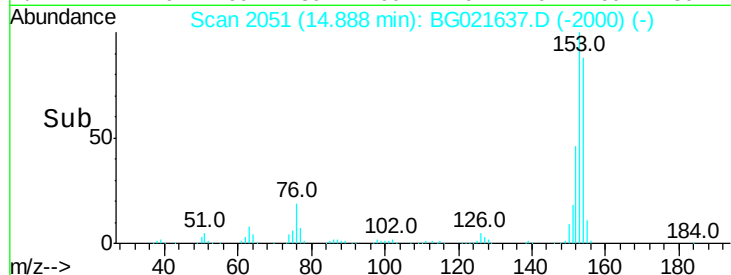
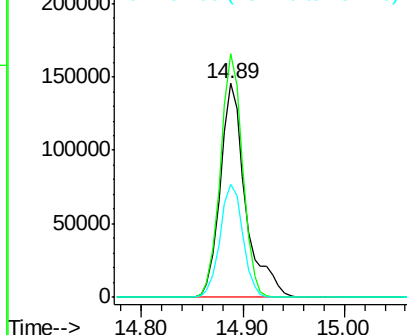
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.92 ng

RT: 14.72 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

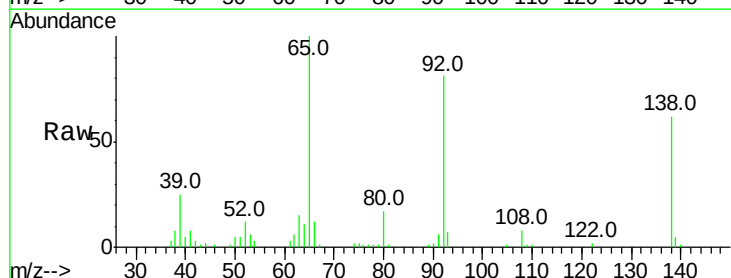
Tgt Ion:138 Resp: 32957

Ion Ratio Lower Upper

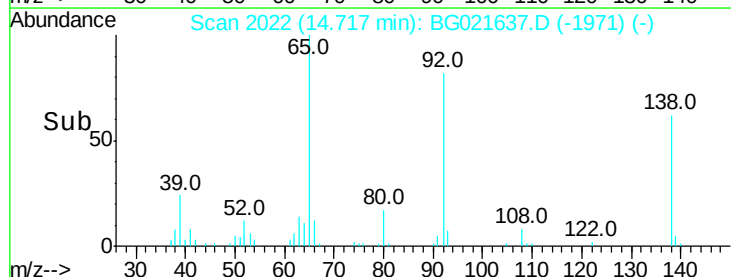
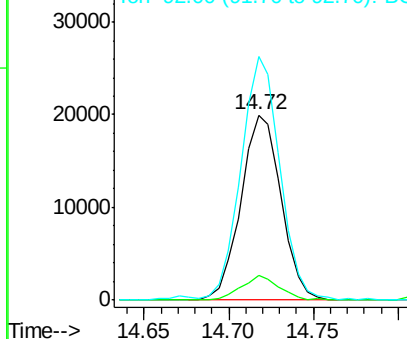
138 100

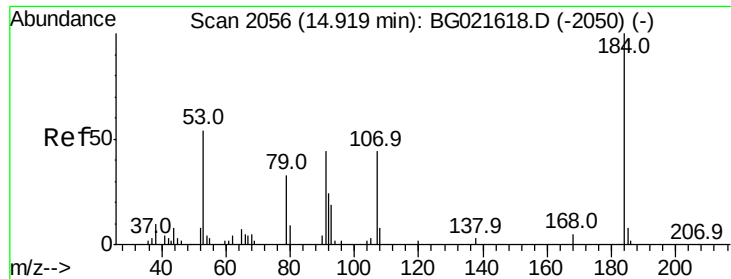
108 13.1 9.1 13.7

92 131.7 102.6 154.0



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): BGC





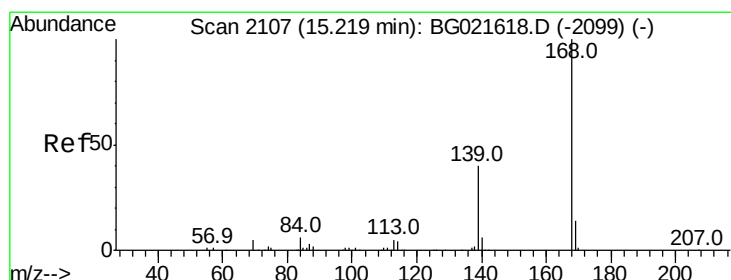
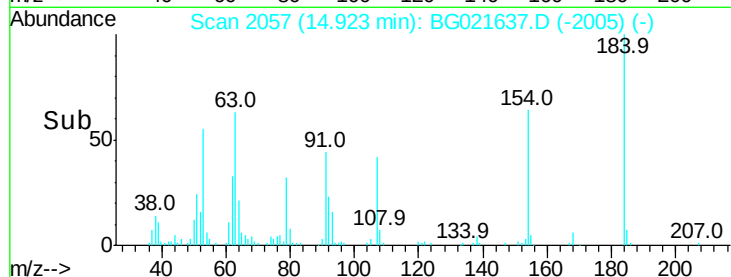
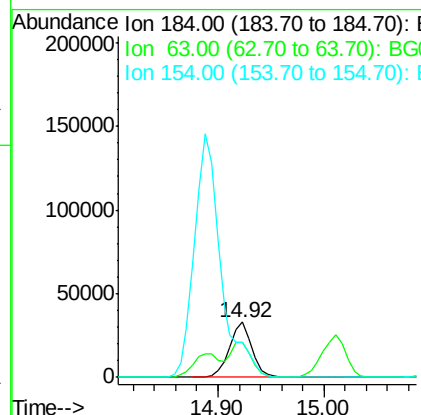
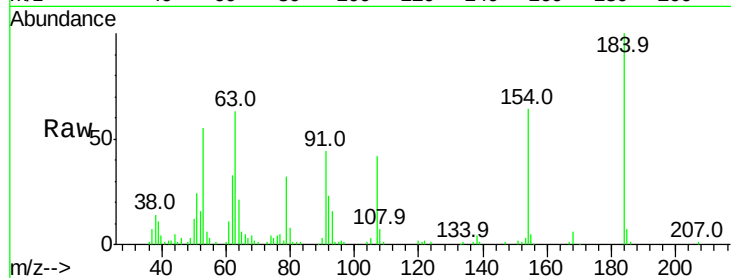
#53
2,4-Dinitrophenol
Concen: 87.62 ng
RT: 14.92 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Instrument :
BNA_G
ClientSampleId :
PB89730BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	48319		
63	63.4	57.3	85.9	
154	63.6	55.2	82.8	

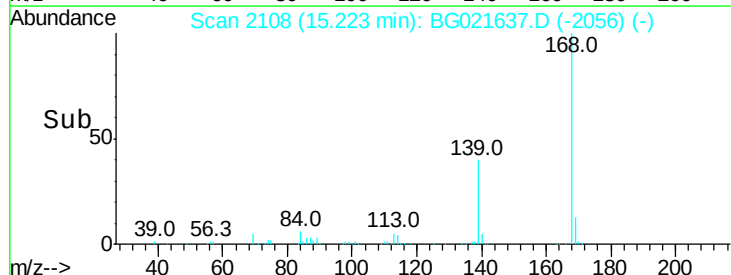
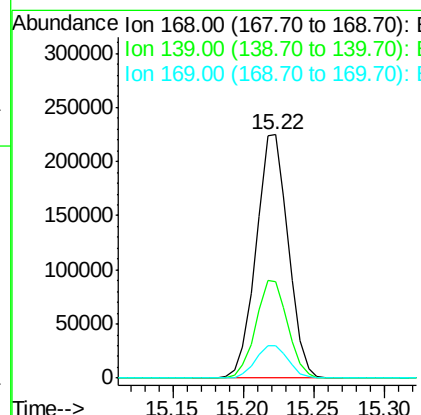
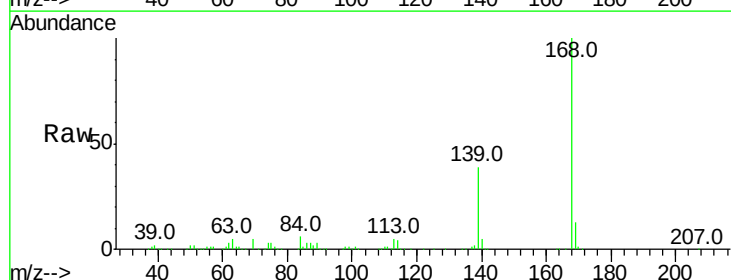
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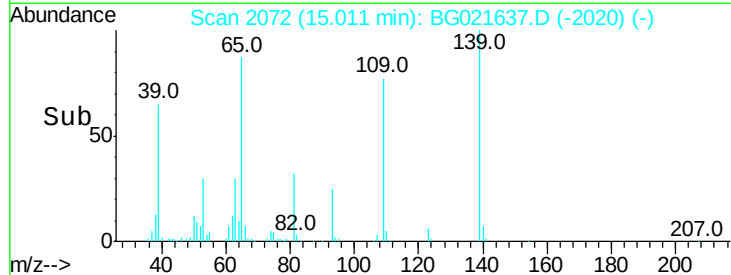
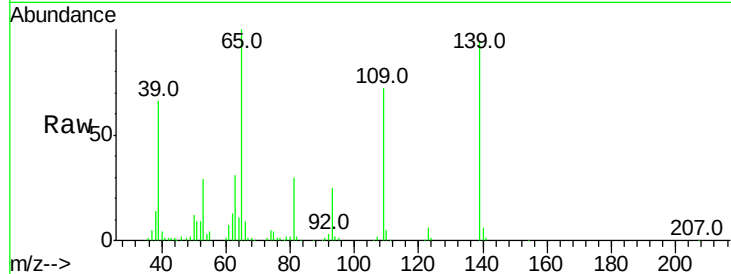
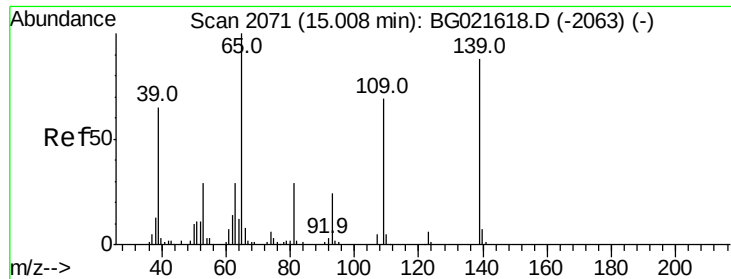
Sohil
4/14/2016 5:30:00 PM



#54
Dibenzofuran
Concen: 46.33 ng
RT: 15.22 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	358950		
139	39.5	31.1	46.7	
169	13.4	11.0	16.6	





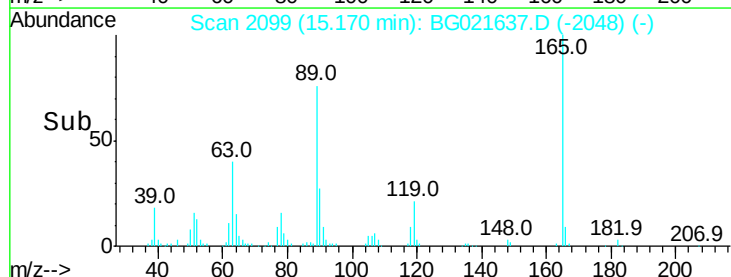
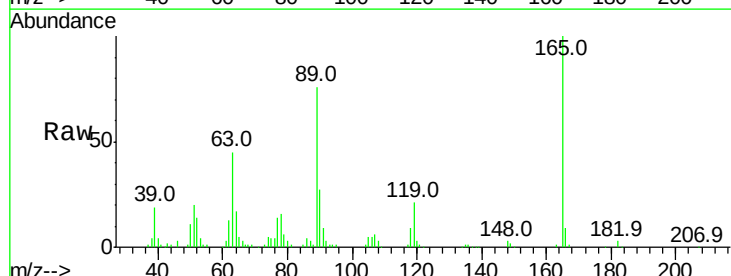
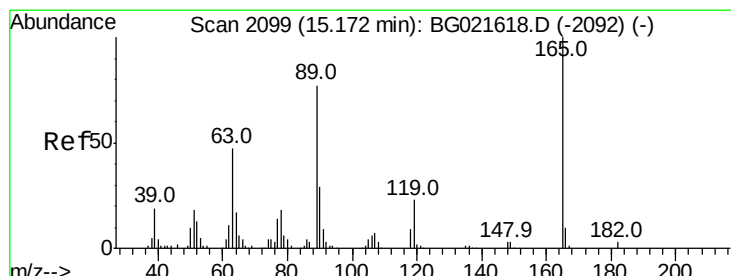
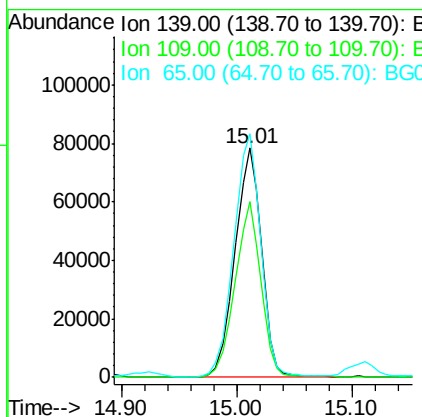
#55
4-Nitrophenol
Concen: 92.99 ng
RT: 15.01 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Instrument :
BNA_G
ClientSampleId :
PB89730BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	125471		
109	76.5	49.2	89.2	
65	106.3	83.2	123.2	

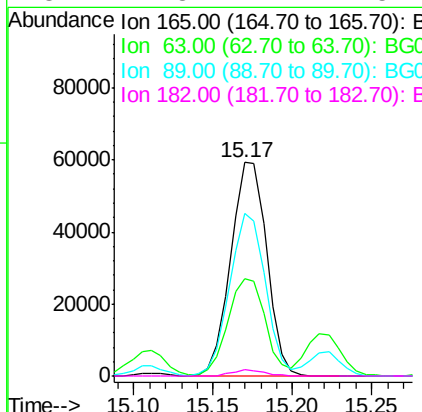
Manual Integrations
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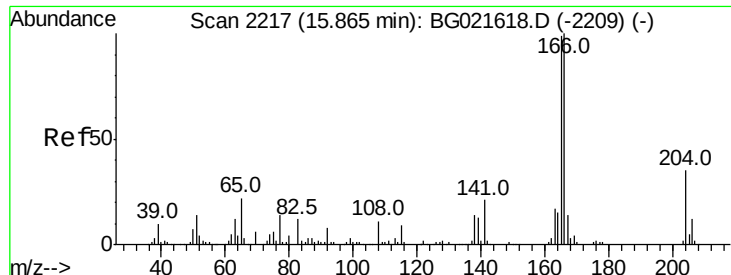
Sohil
4/14/2016 5:30:00 PM



#56
2,4-Dinitrotoluene
Concen: 48.82 ng
RT: 15.17 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	93744		
63	45.5	37.4	56.0	
89	76.1	59.4	89.0	
182	2.8	2.1	3.1	





#57

Fluorene

Concen: 43.25 ng

RT: 15.86 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Instrument :

BNA_G

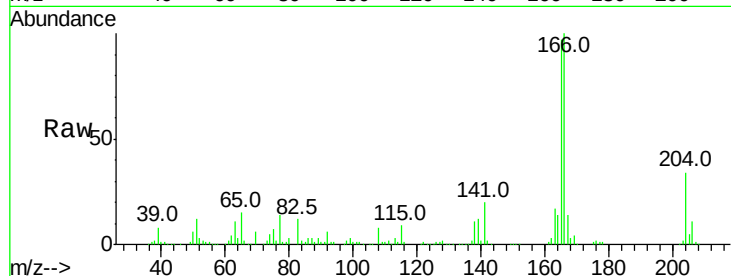
ClientSampled :

PB89730BS

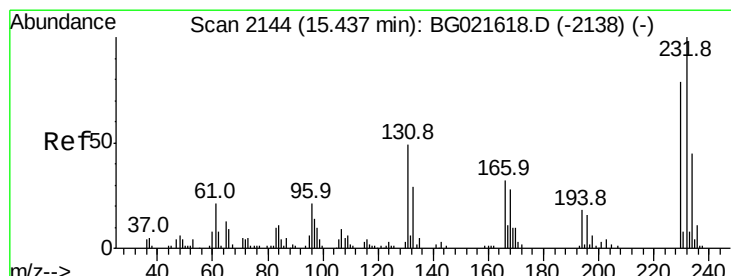
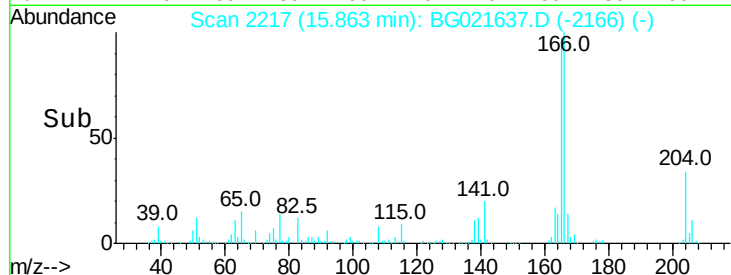
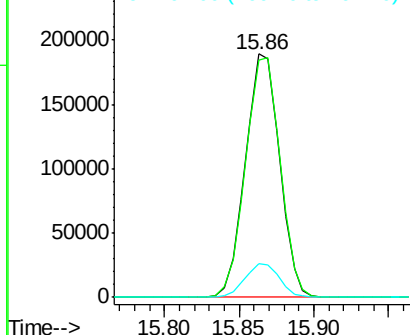
Tot Ion:	166	Resp:	299233
Ion Ratio	Lower	Upper	
166	100		
165	97.2	79.0	118.4
167	13.7	10.7	16.1

Manual Integrations
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4/14/2016 5:30:00 PM



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.39 ng

RT: 15.44 min Scan# 2145

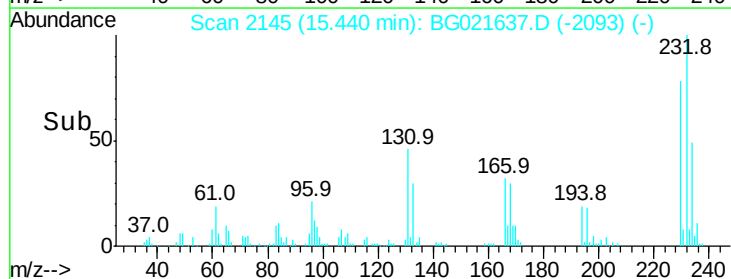
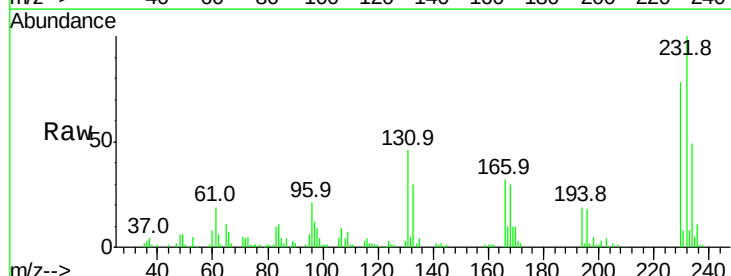
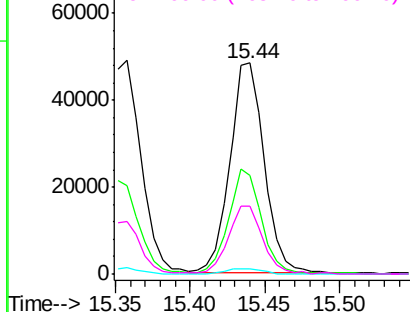
Delta R.T. 0.00 min

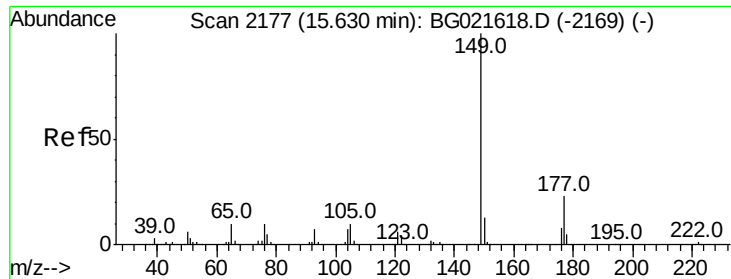
Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Tgt Ion:	232	Resp:	77484
Ion Ratio	Lower	Upper	
232	100		
131	46.3	36.3	54.5
130	2.8	1.9	2.9
166	31.8	25.0	37.4

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





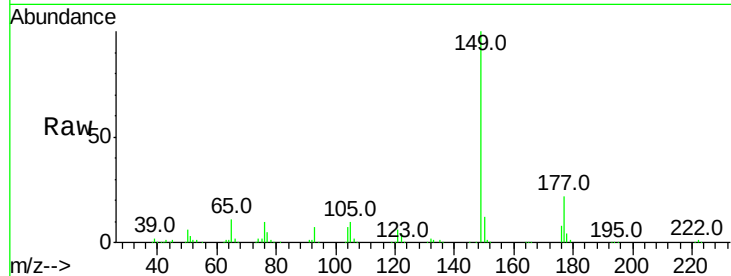
#59
Diethylphthalate
Concen: 42.15 ng
RT: 15.63 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Instrument :
BNA_G
ClientSampleId :
PB89730BS

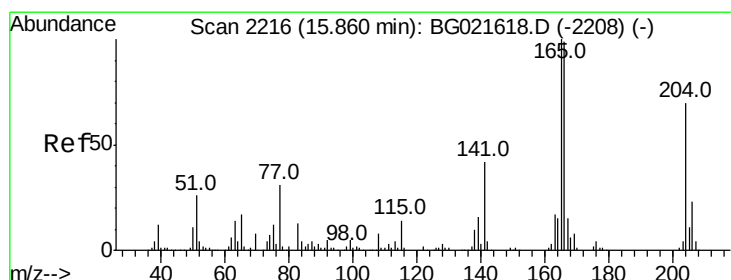
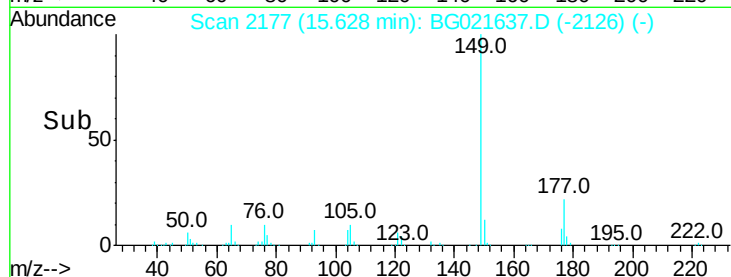
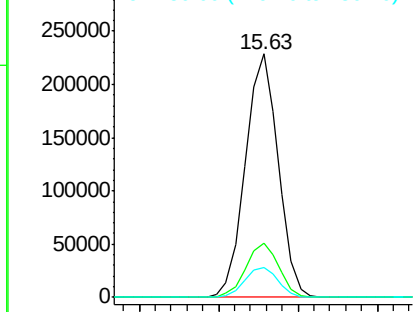
Tot Ion	Ratio	Resp	Lower	Upper
149	100	327788		
177	22.4	17.3	25.9	
150	12.5	9.7	14.5	

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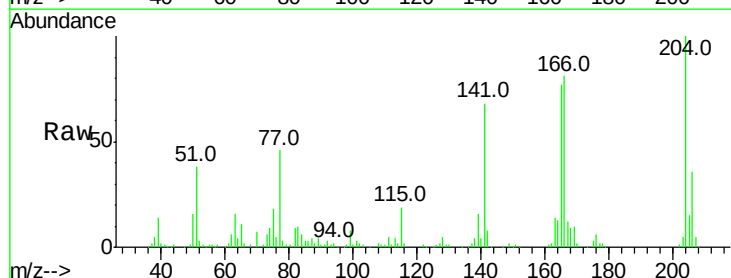


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

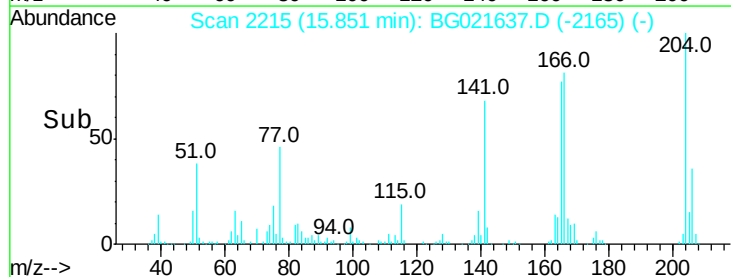
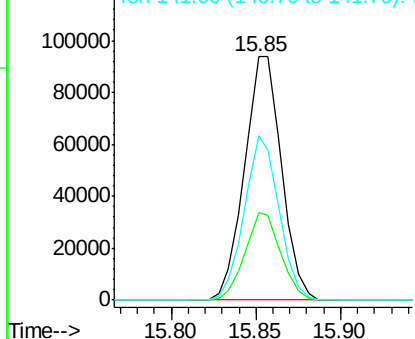


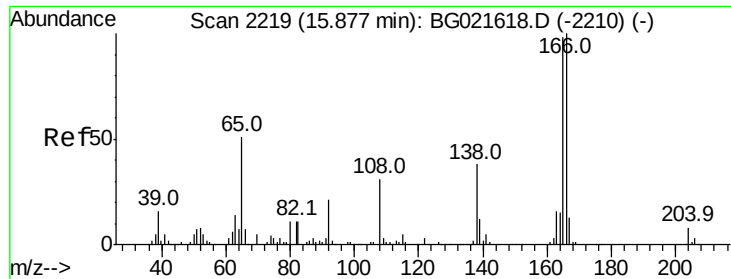
#60
4-Chlorophenyl-phenylether
Concen: 41.82 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	142543		
206	35.7	27.8	41.8	
141	67.7	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





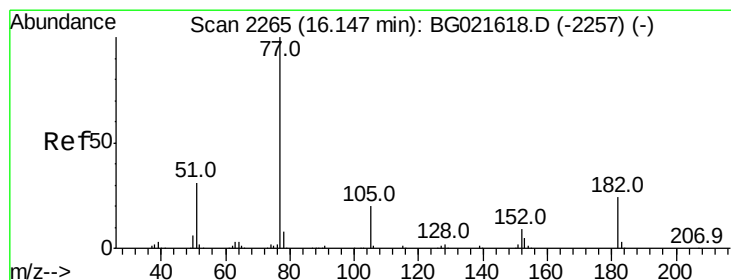
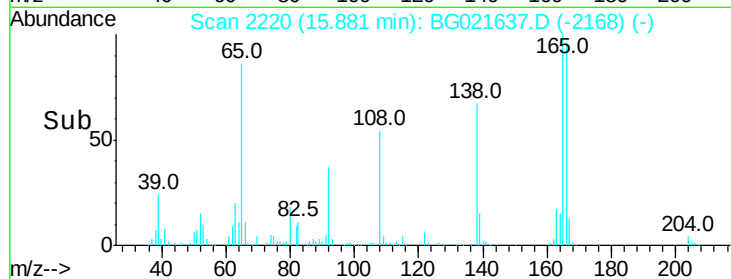
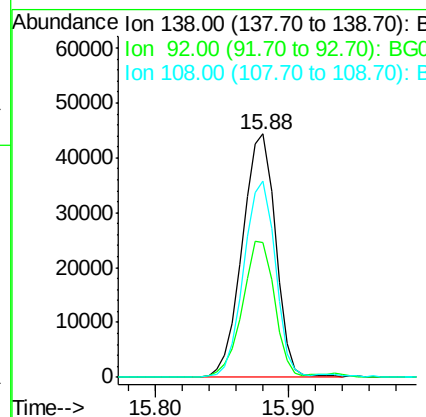
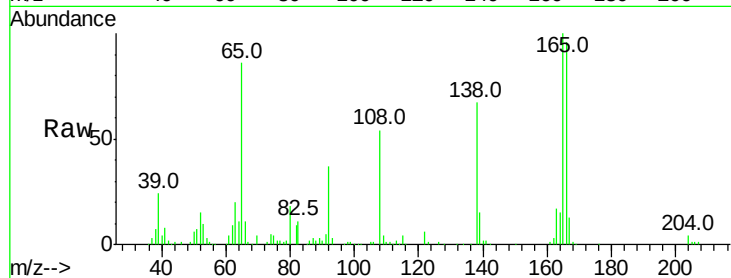
#61
4-Nitroaniline
Concen: 44.00 ng
RT: 15.88 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Instrument :
BNA_G
ClientSampleId :
PB89730BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	55.5	37.7	77.7	
108	80.7	59.4	99.4	

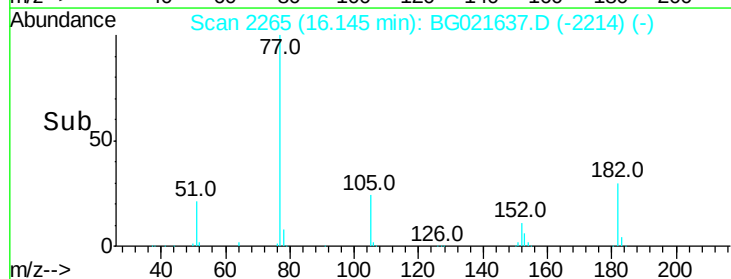
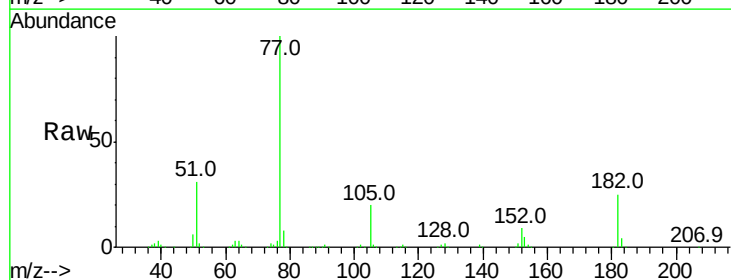
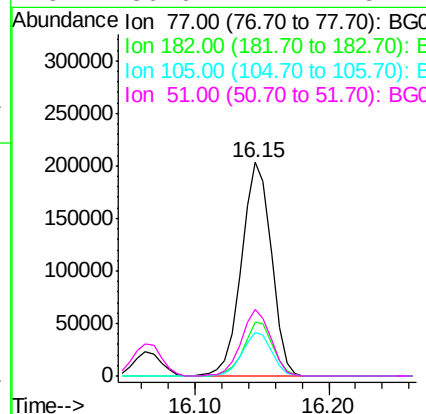
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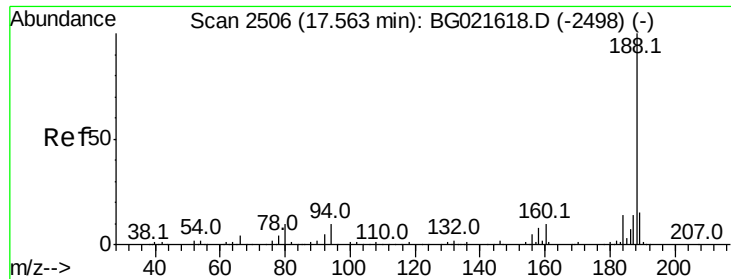
Sohil
4/14/2016 5:30:00 PM



#62
Azobenzene
Concen: 47.06 ng
RT: 16.15 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	25.0	4.1	44.1	
105	20.3	0.0	39.8	
51	30.9	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: BG021637.D

Acq: 14 Apr 2016 1:29

Instrument :

BNA_G

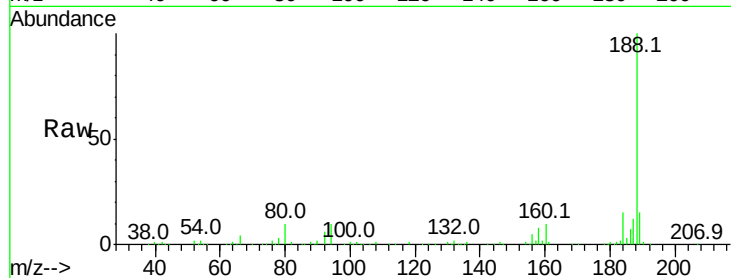
ClientSampleId :

PB89730BS

Tot Ion:	188	Resp:	211456
Ion Ratio	Lower	Upper	
188	100		
94	9.9	7.5	11.3
80	10.0	8.6	13.0

Manual Integrations
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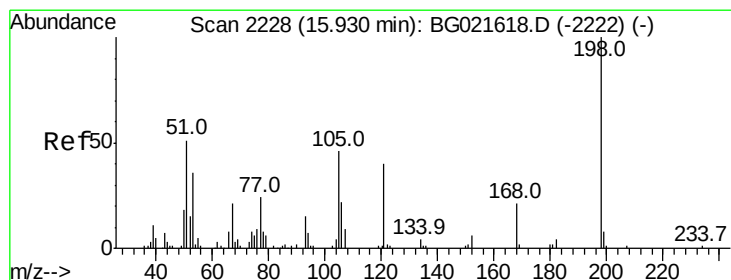
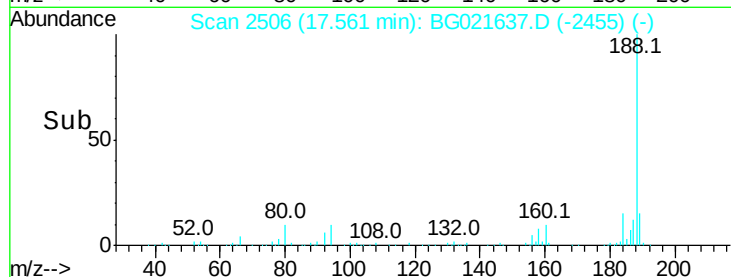
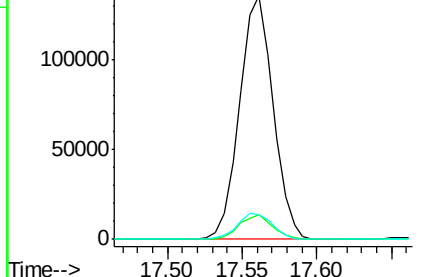
Sohil
4/14/2016 5:30:00 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 40.60 ng

RT: 15.93 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG021637.D

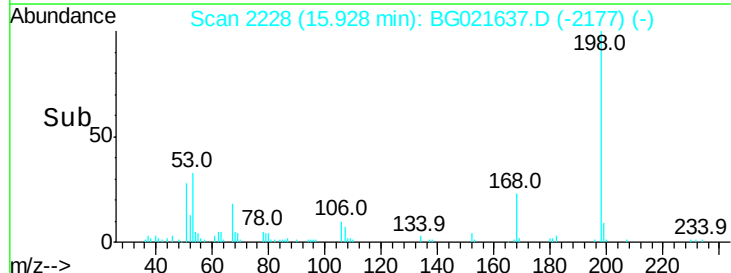
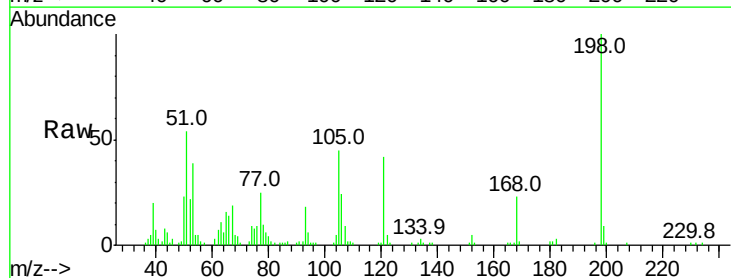
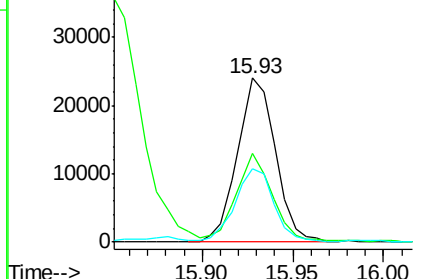
Acq: 14 Apr 2016 1:29

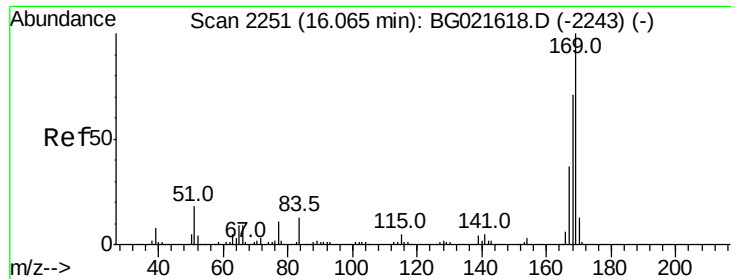
Tgt Ion:	198	Resp:	34928
Ion Ratio	Lower	Upper	
198	100		
51	53.8	29.2	69.2
105	44.5	24.0	64.0

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





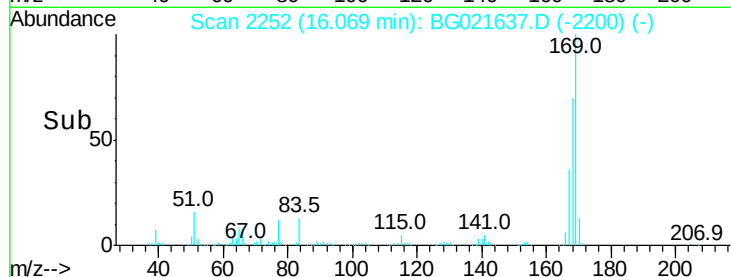
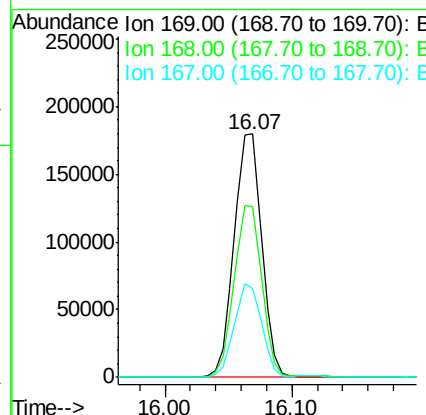
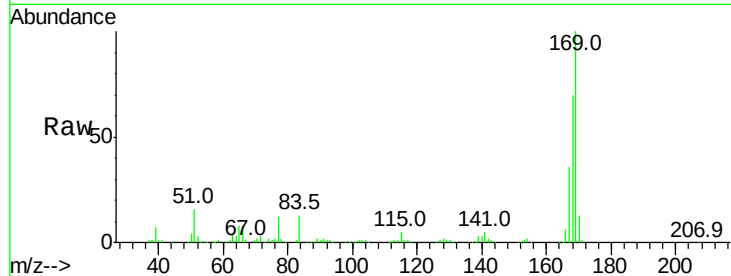
#65
 n-Nitrosodiphenylamine
 Concen: 42.73 ng
 RT: 16.07 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: BG021637.D
 Acq: 14 Apr 2016 1:29

Instrument :
 BNA_G
 ClientSampleId :
 PB89730BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	270992		
168	70.1	59.6	89.4	
167	36.3	31.2	46.8	

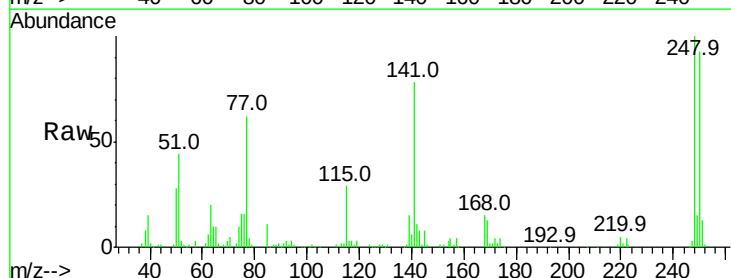
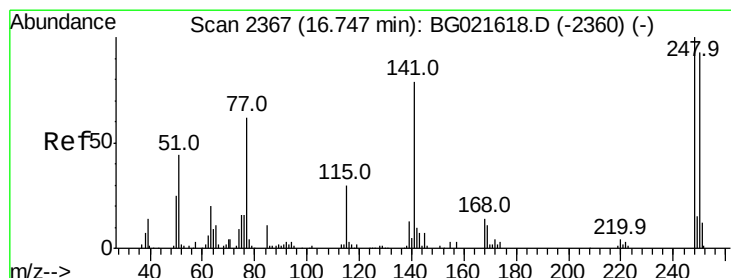
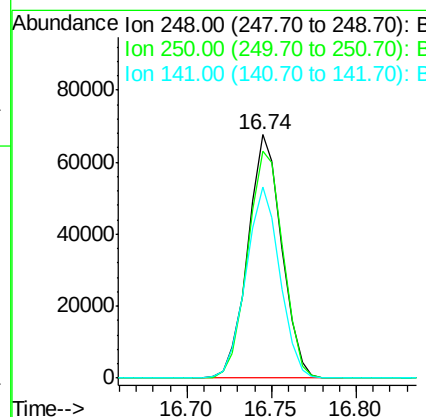
Manual Integrations
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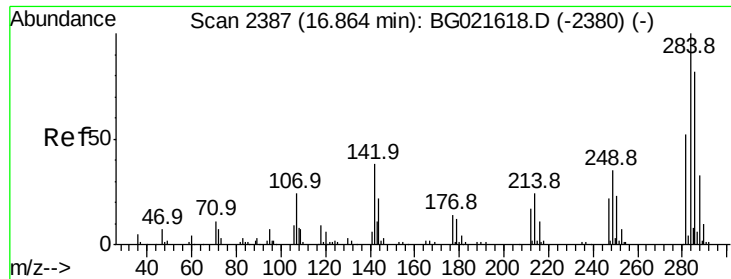
Sohil
 4/14/2016 5:30:00 PM



#66
 4-Bromophenyl-phenylether
 Concen: 41.60 ng
 RT: 16.74 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: BG021637.D
 Acq: 14 Apr 2016 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	94253		
250	93.5	76.6	114.8	
141	78.4	63.8	95.6	





#67

Hexachlorobenzene

Concen: 42.08 ng

RT: 16.86 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Instrument :

BNA_G

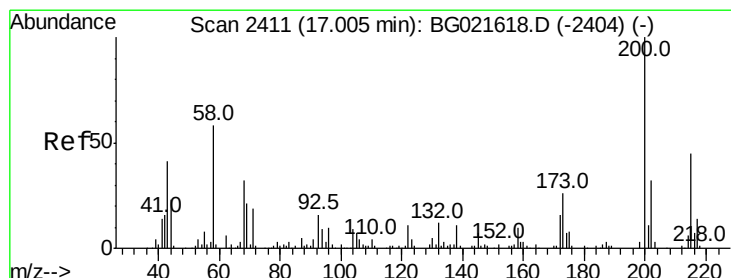
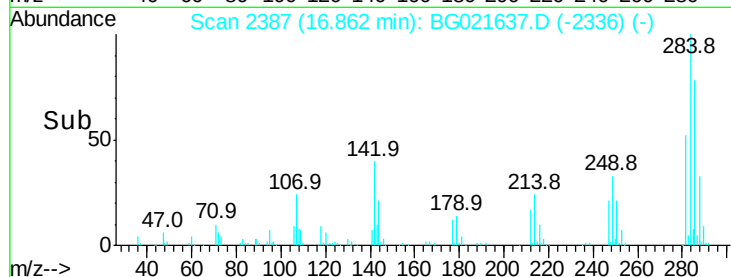
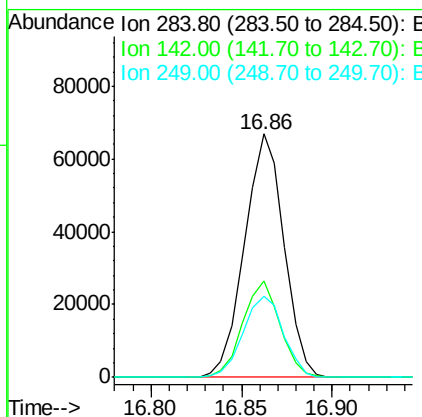
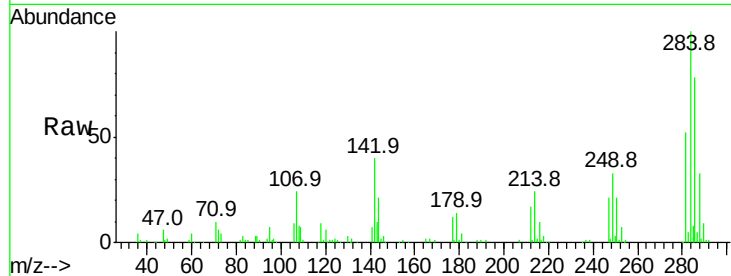
ClientSampled :

PB89730BS

Tot Ion:	284	Resp:	100632
Ion Ratio	Lower	Upper	
284	100		
142	39.6	31.8	47.6
249	33.3	27.3	40.9

Manual Integrations
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#68

Atrazine

Concen: 41.89 ng

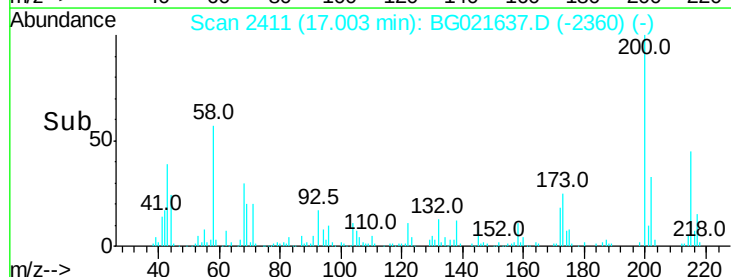
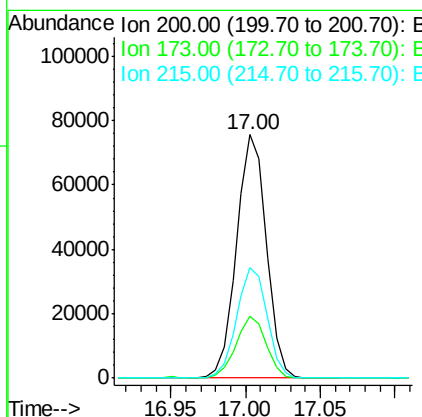
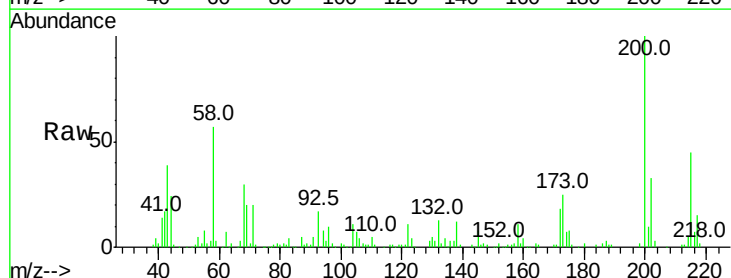
RT: 17.00 min Scan# 2411

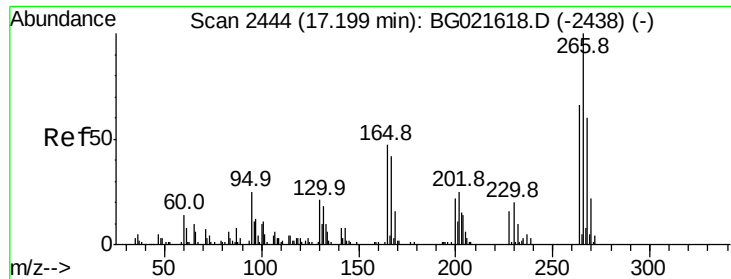
Delta R.T. -0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Tgt Ion:	200	Resp:	104922
Ion Ratio	Lower	Upper	
200	100		
173	25.3	5.1	45.1
215	45.4	28.0	68.0





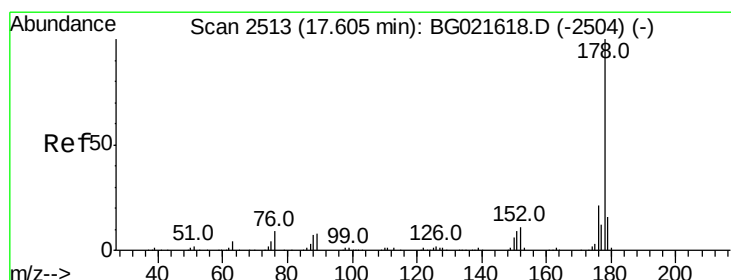
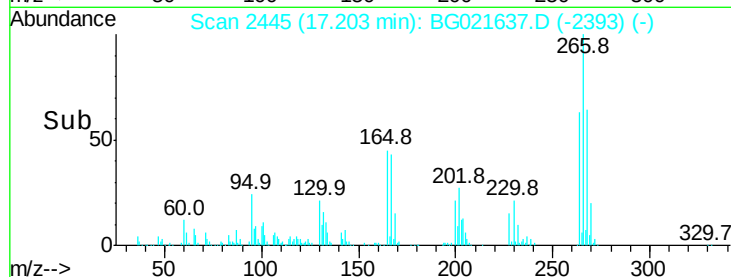
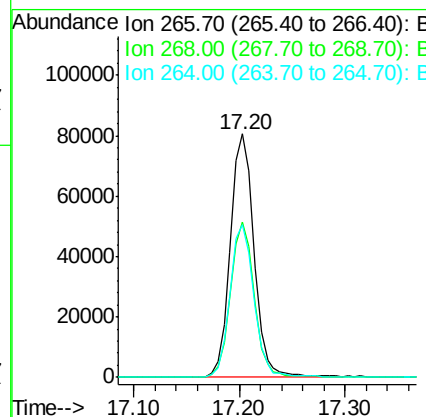
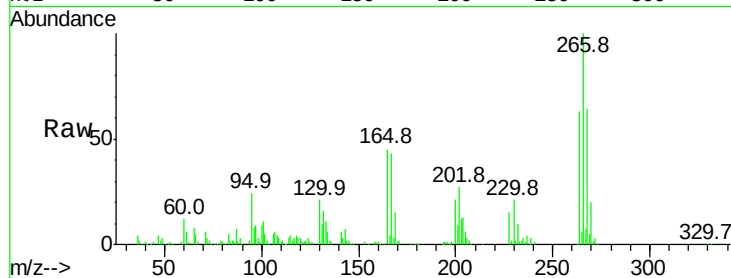
#69
 Pentachlorophenol
 Concen: 91.91 ng
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG021637.D
 Acq: 14 Apr 2016 1:29

Instrument :
 BNA_G
 ClientSampled :
 PB89730BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	125497		
268	63.8	54.5	81.7	
264	62.5	53.8	80.6	

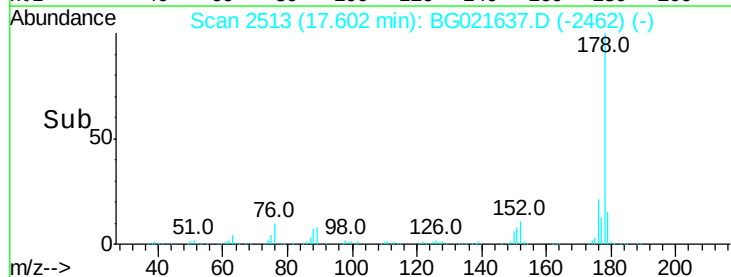
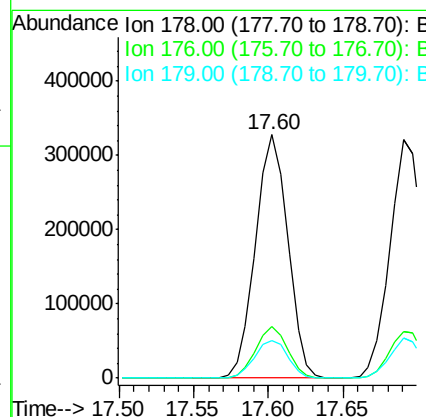
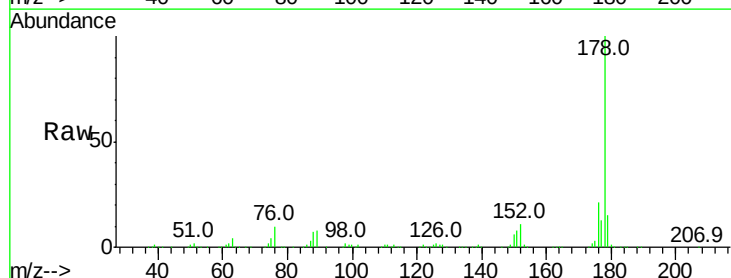
Manual Integrations
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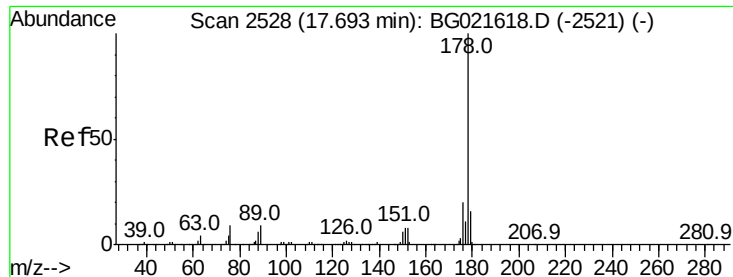
Sohil
 4/14/2016 5:30:00 PM



#70
 Phenanthrene
 Concen: 42.16 ng
 RT: 17.60 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG021637.D
 Acq: 14 Apr 2016 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	491364		
176	21.2	16.2	24.4	
179	15.4	12.0	18.0	





#71

Anthracene

Concen: 42.23 ng

RT: 17.69 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Instrument :

BNA_G

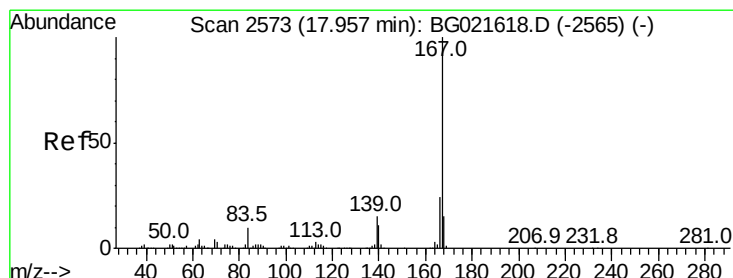
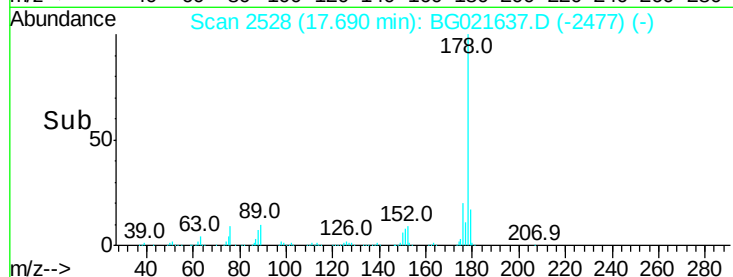
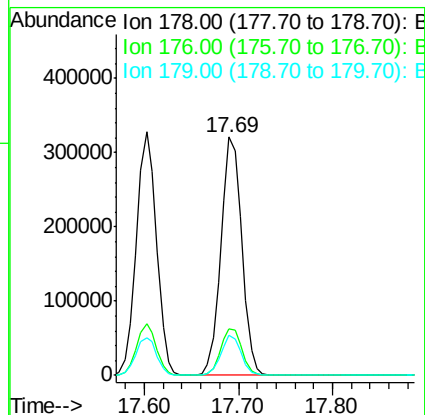
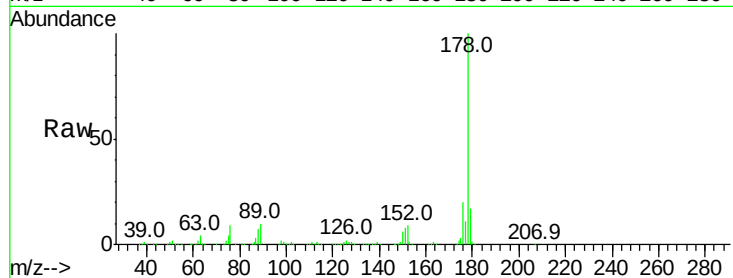
ClientSampleId :

PB89730BS

Tot Ion:	178	Resp:	499629
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.0	22.4
179	16.9	12.2	18.4

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4/14/2016 5:30:00 PM



#72

Carbazole

Concen: 42.06 ng

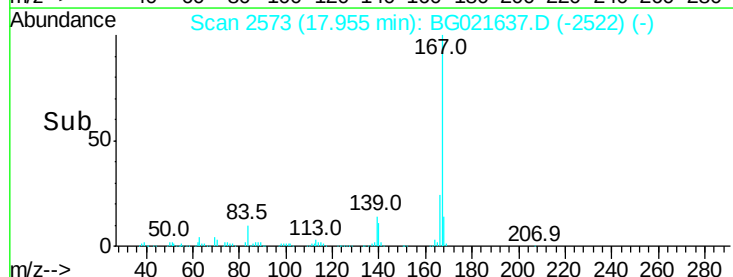
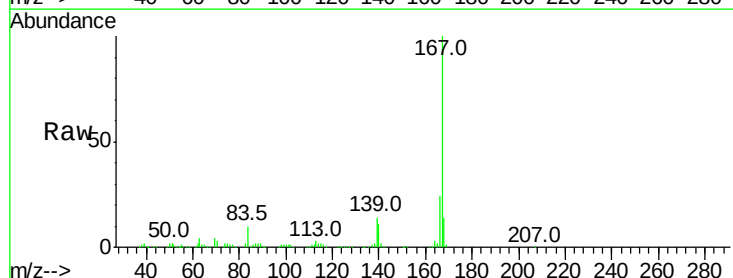
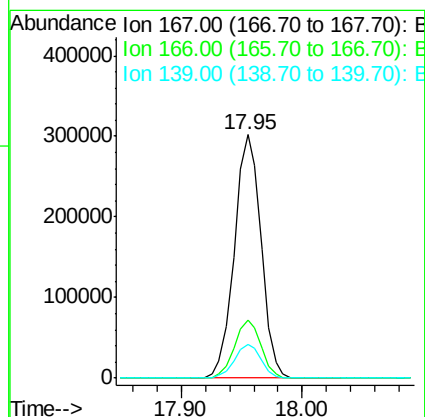
RT: 17.95 min Scan# 2573

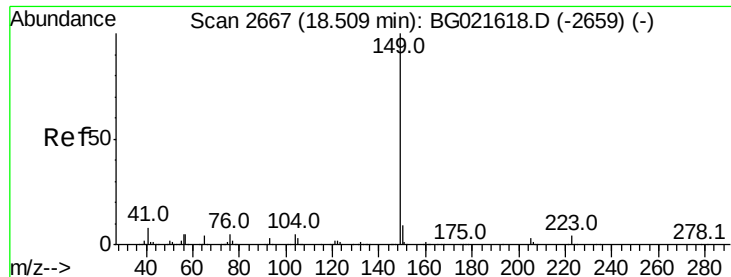
Delta R.T. -0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Tgt Ion:	167	Resp:	464408
Ion Ratio	Lower	Upper	
167	100		
166	23.7	18.6	27.8
139	13.9	10.6	15.8





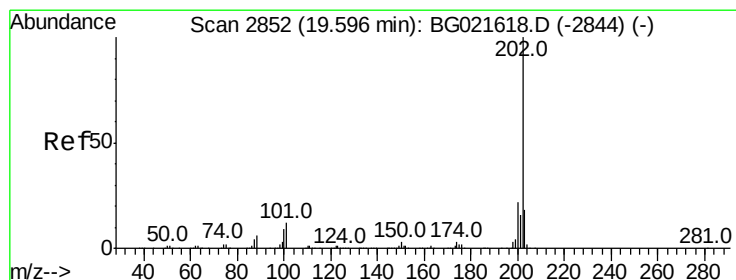
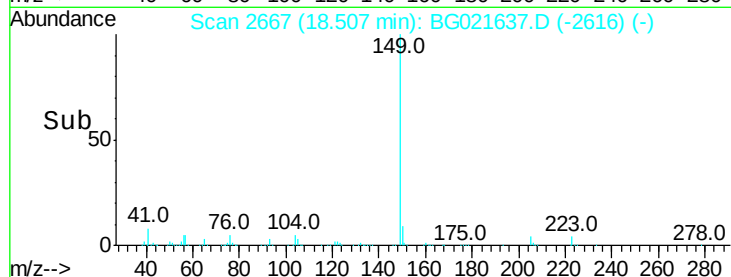
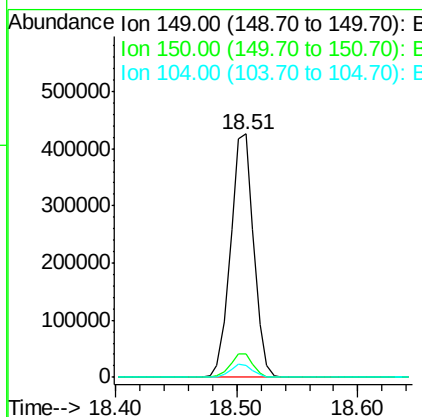
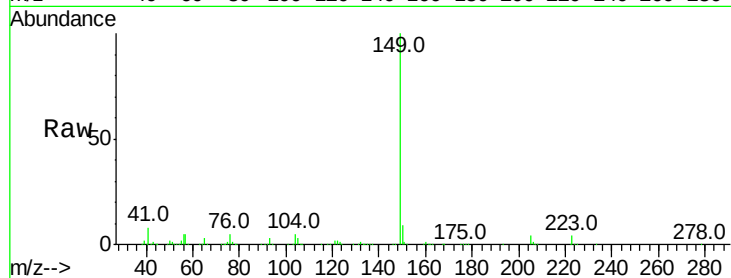
#73
Di-n-butylphthalate
Concen: 40.22 ng
RT: 18.51 min Scan# 2667
Delta R.T. -0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Instrument :
BNA_G
ClientSampleId :
PB89730BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.5	7.4	11.0	
104	5.1	4.0	6.0	

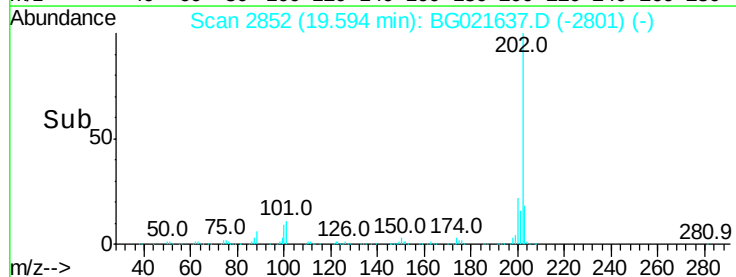
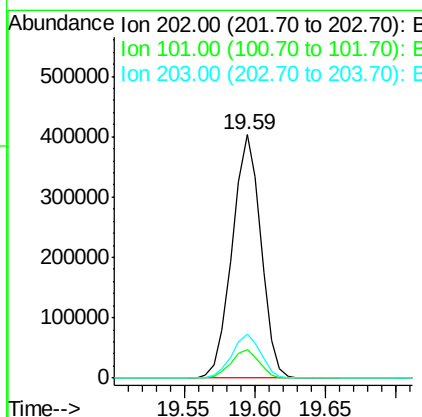
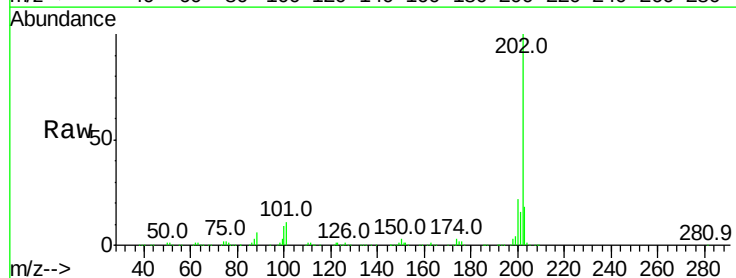
Manual Integrations
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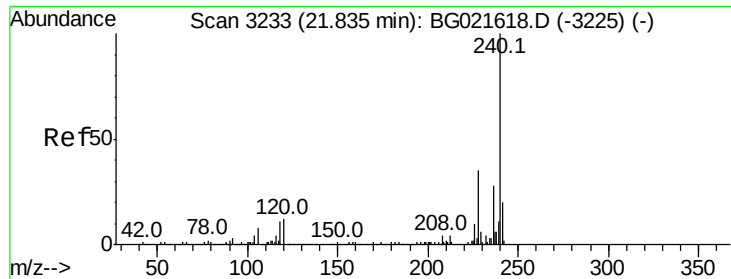
Sohil
4/14/2016 5:30:00 PM



#74
Fluoranthene
Concen: 40.92 ng
RT: 19.59 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.5	0.0	31.0	
203	18.2	0.0	37.9	





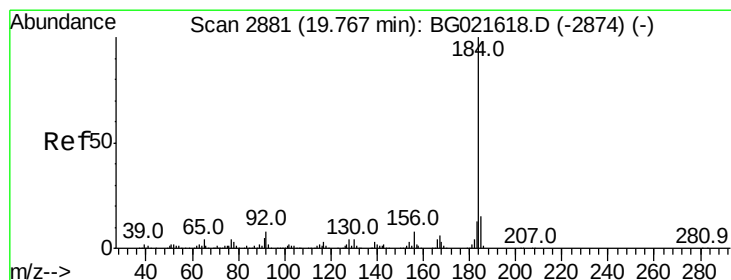
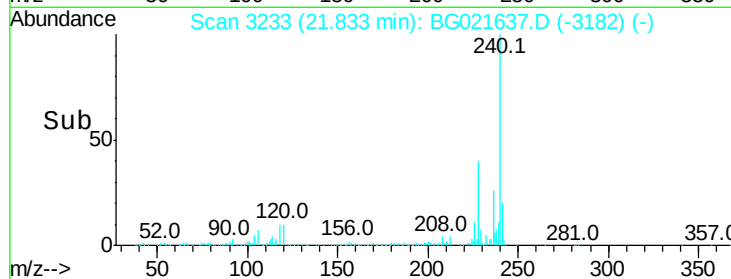
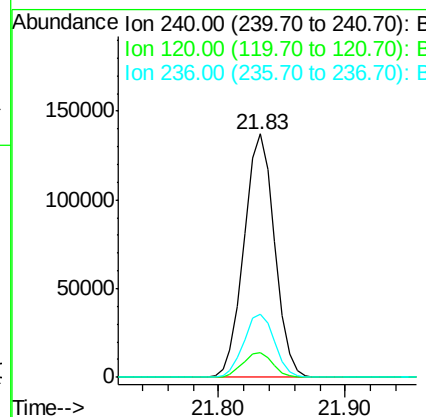
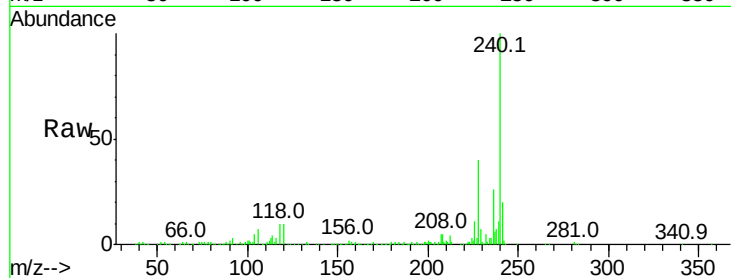
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3233
Delta R.T. -0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Instrument :
BNA_G
ClientSampleId :
PB89730BS

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	10.3	8.4	12.6
236	25.8	19.6	29.4

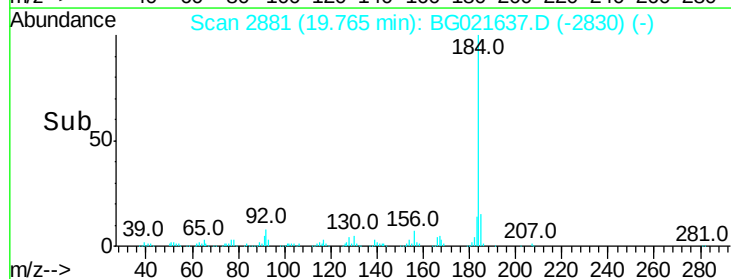
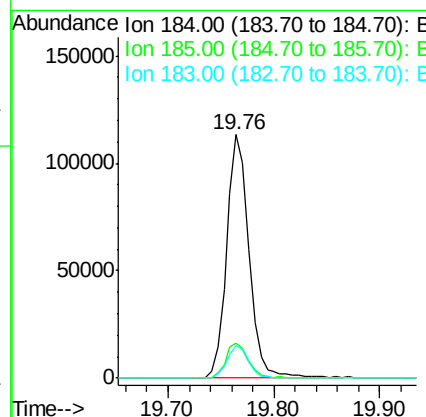
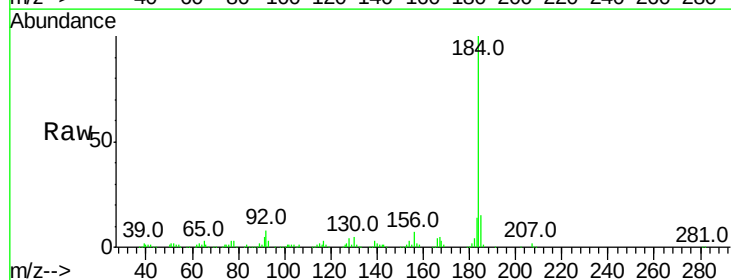
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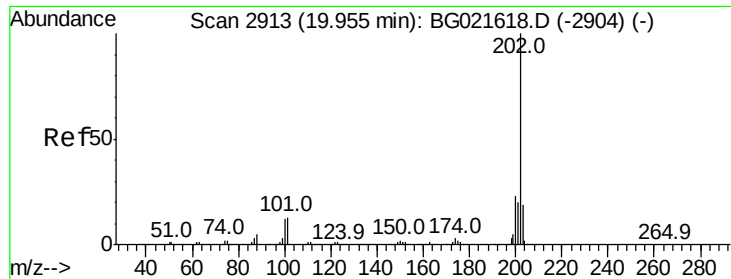
Sohil
4/14/2016 5:30:00 PM



#76
Benzidine
Concen: 23.30 ng
RT: 19.76 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Tgt Ion	Ratio	Resp Lower	Upper
184	100		
185	14.5	11.5	17.3
183	13.5	10.2	15.4





#77

Pvrene

Concen: 43.92 ng

RT: 19.95 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Instrument :

BNA_G

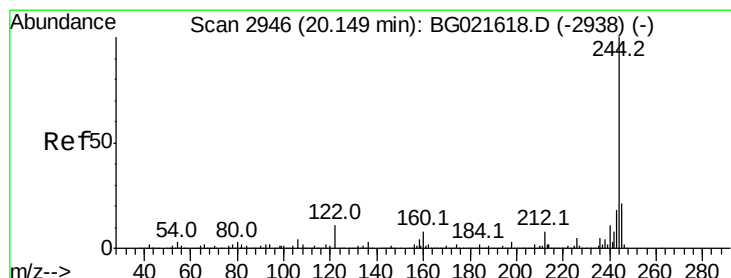
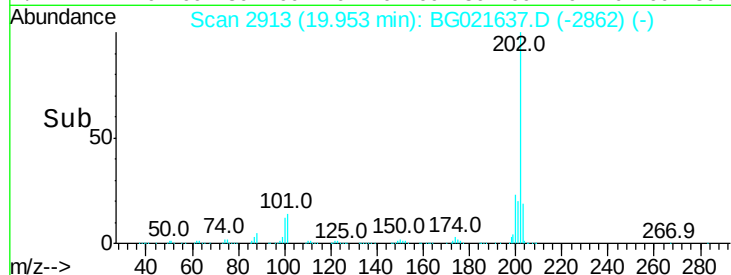
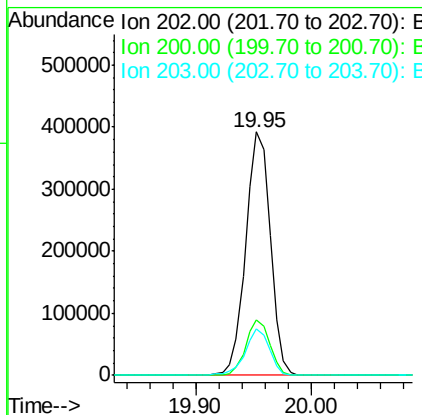
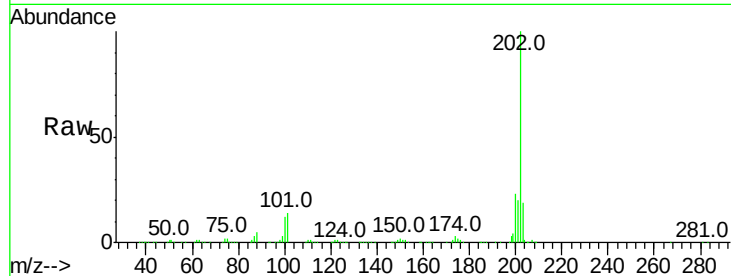
ClientSampleId :

PB89730BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		580866		
200	22.7	18.2	27.2		
203	19.0	15.0	22.4		

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#78

Terphenyl-d14

Concen: 83.32 ng

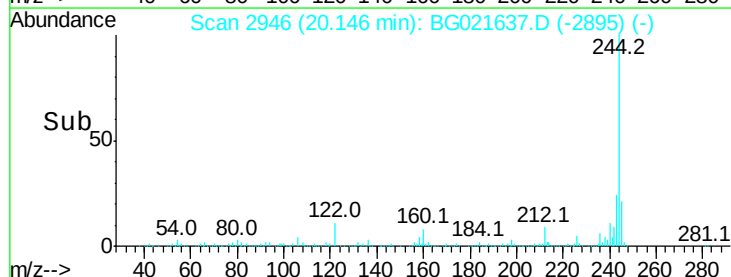
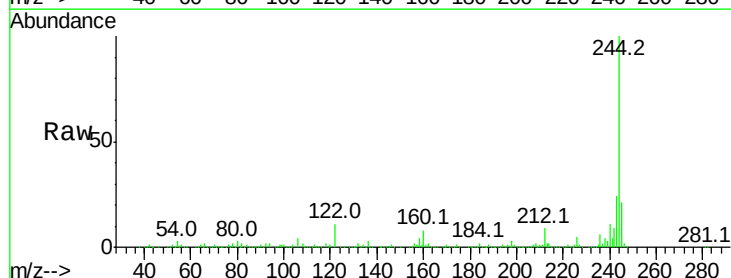
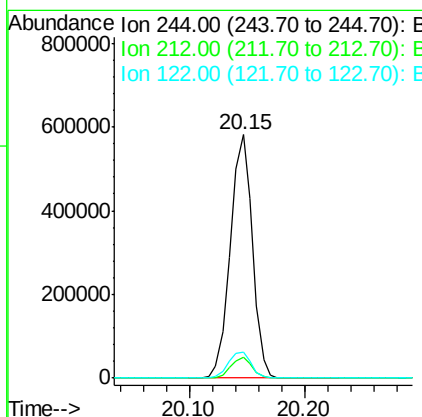
RT: 20.15 min Scan# 2946

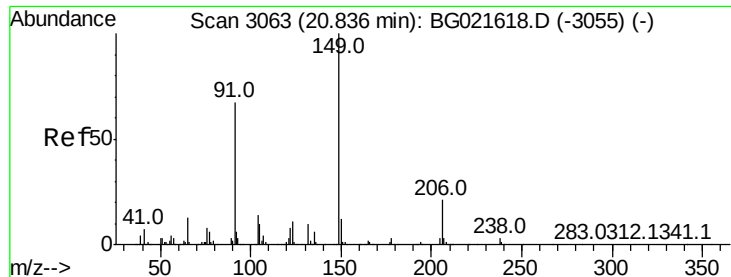
Delta R.T. -0.00 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		765837		
212	8.6	6.5	9.7		
122	10.9	8.6	12.8		





#79

Butylbenzylphthalate

Concen: 42.39 ng

RT: 20.83 min Scan# 3062

Delta R.T. -0.01 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Instrument :

BNA_G

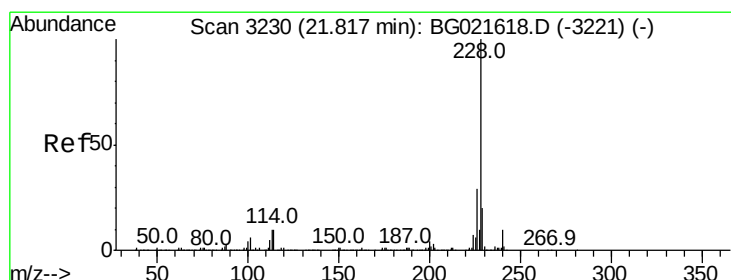
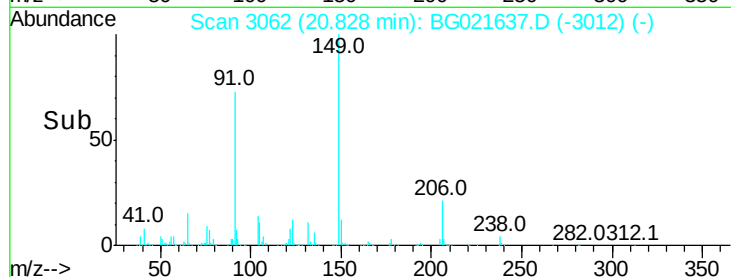
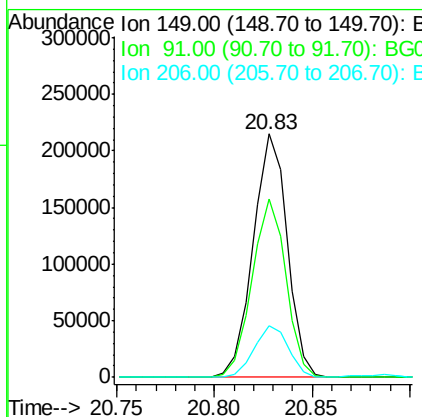
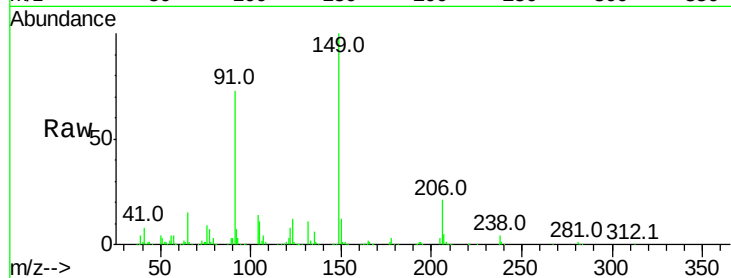
ClientSampleId :

PB89730BS

Tot Ion:	149	Resp:	260206
Ion Ratio	Lower	Upper	
149	100		
91	73.1	57.8	86.8
206	21.3	17.0	25.4

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#80

Benzo(a)anthracene

Concen: 43.59 ng

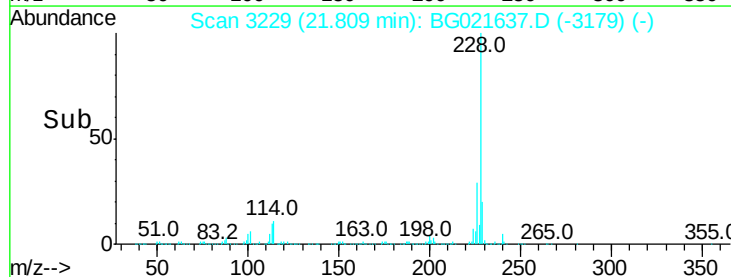
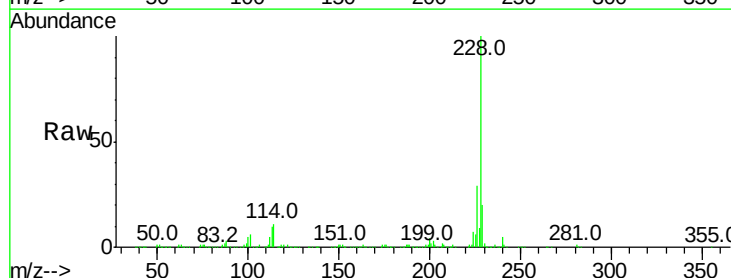
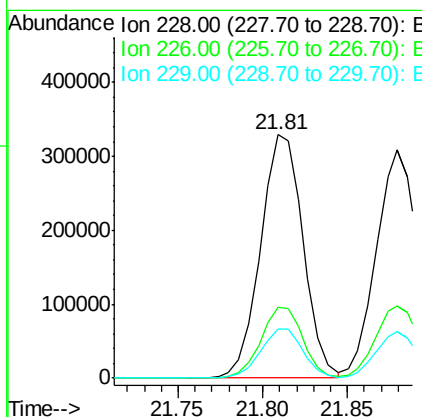
RT: 21.81 min Scan# 3229

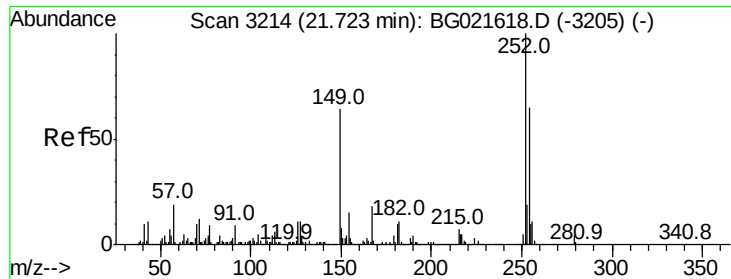
Delta R.T. -0.01 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Tgt Ion:	228	Resp:	575317
Ion Ratio	Lower	Upper	
228	100		
226	28.9	22.6	34.0
229	20.0	16.1	24.1





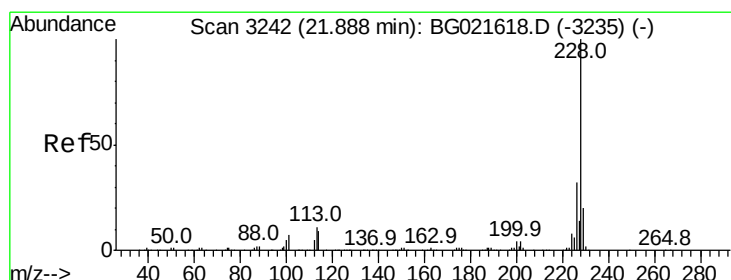
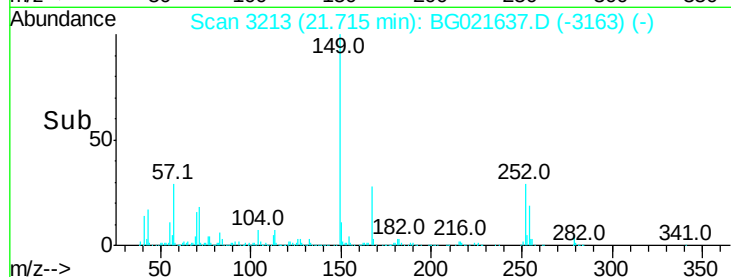
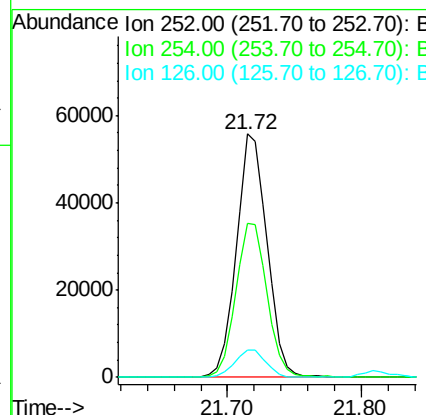
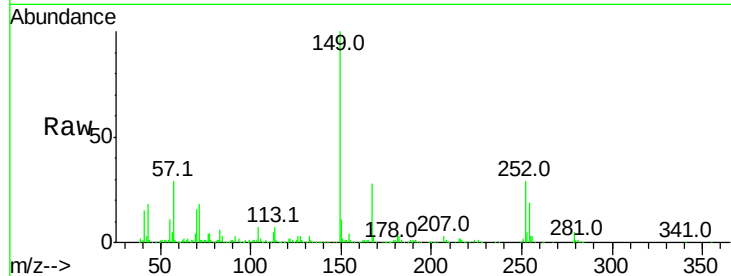
#81
 3,3'-Dichlorobenzidine
 Concen: 8.51 ng
 RT: 21.72 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BG021637.D
 Acq: 14 Apr 2016 1:29

Instrument :
 BNA_G
 ClientSampleId :
 PB89730BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.3	51.8	77.6
126	11.1	8.8	13.2

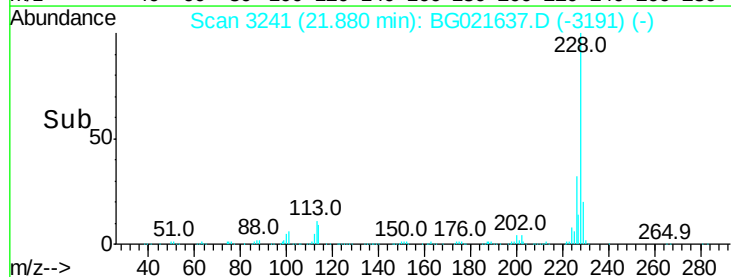
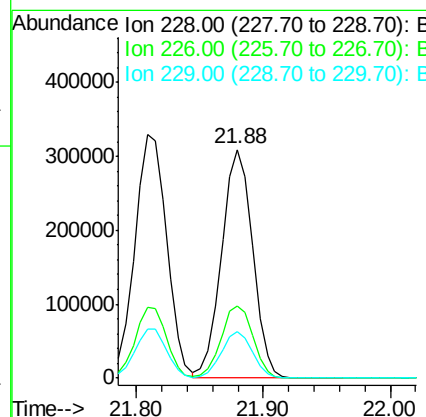
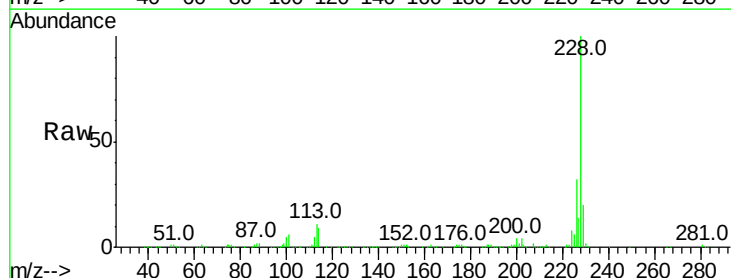
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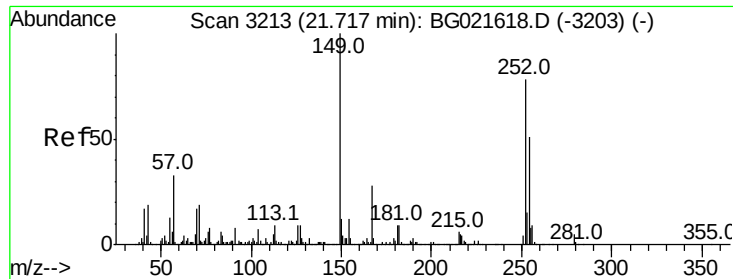
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#82
 Chrysene
 Concen: 41.47 ng
 RT: 21.88 min Scan# 3241
 Delta R.T. -0.01 min
 Lab File: BG021637.D
 Acq: 14 Apr 2016 1:29

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.1	15.9	23.9





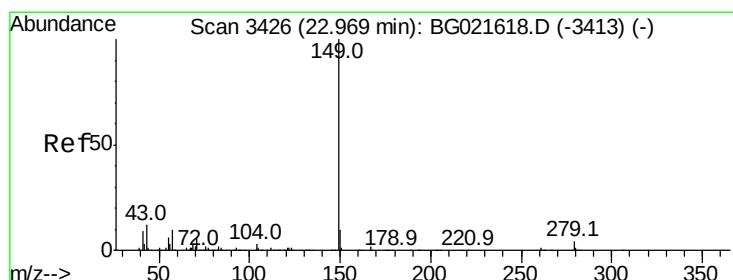
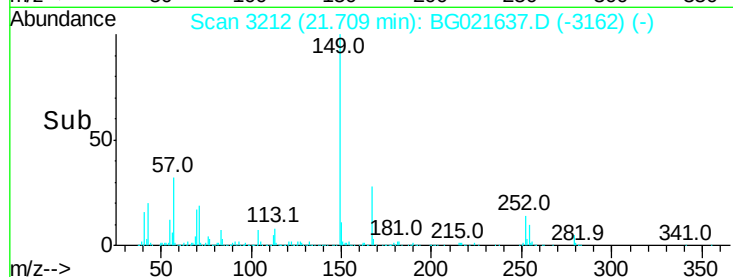
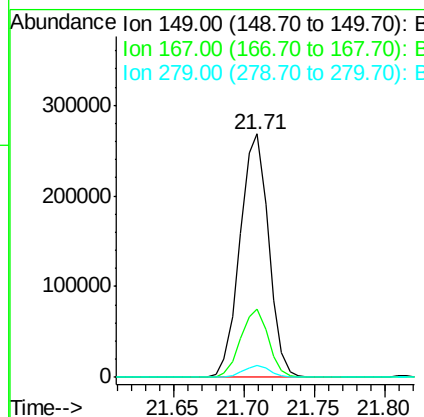
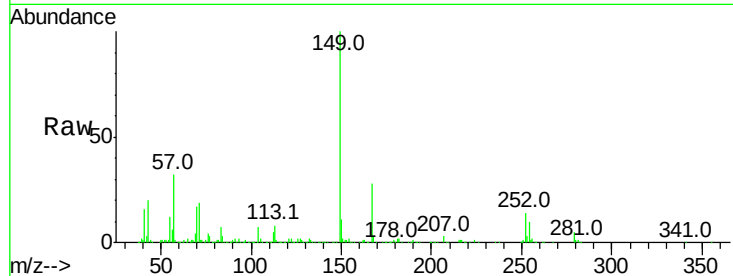
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.35 ng
 RT: 21.71 min Scan# 3212
 Delta R.T. -0.01 min
 Lab File: BG021637.D
 Acq: 14 Apr 2016 1:29

Instrument :
 BNA_G
 ClientSampleId :
 PB89730BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	27.9	22.4	33.6
279	4.9	3.2	4.8#

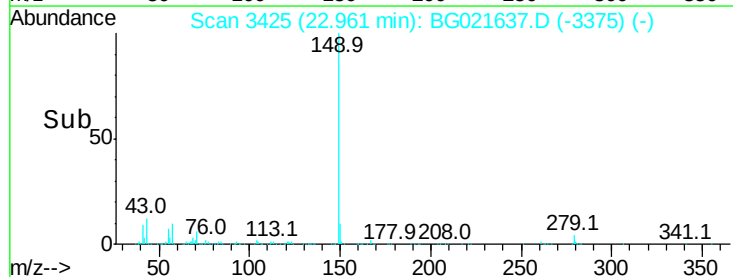
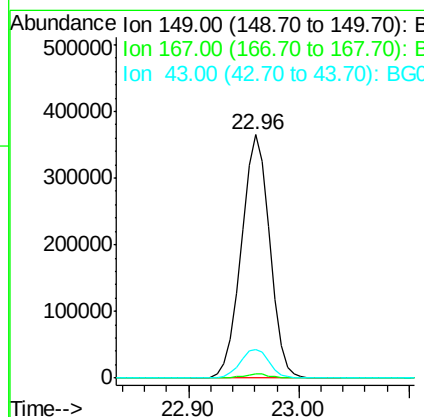
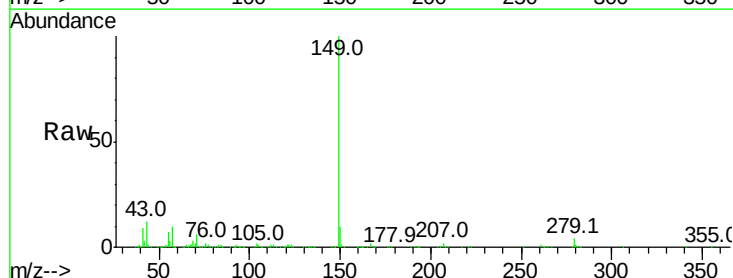
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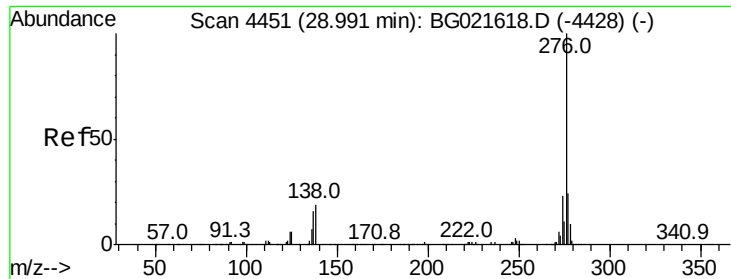
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#84
 Di-n-octyl phthalate
 Concen: 43.75 ng
 RT: 22.96 min Scan# 3425
 Delta R.T. -0.01 min
 Lab File: BG021637.D
 Acq: 14 Apr 2016 1:29

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.0	9.8	14.6





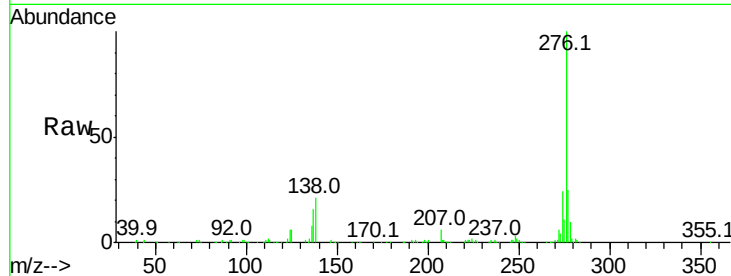
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.11 ng
 RT: 28.98 min Scan# 4449
 Delta R.T. -0.01 min
 Lab File: BG021637.D
 Acq: 14 Apr 2016 1:29

Instrument :
 BNA_G
 ClientSampleId :
 PB89730BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	17.8	14.0	21.0
277	26.1	20.6	30.8

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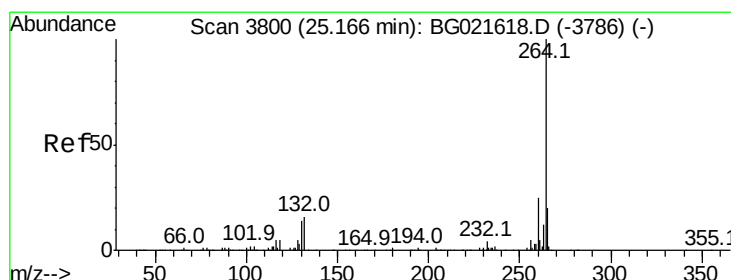
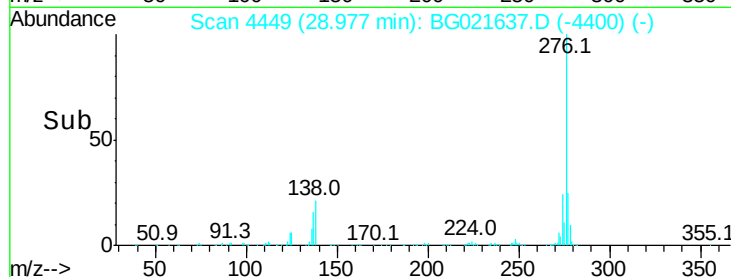
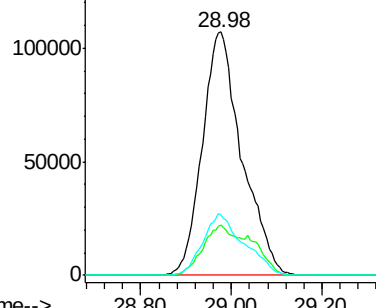


Abundance

Ion 276.00 (275.70 to 276.70): E

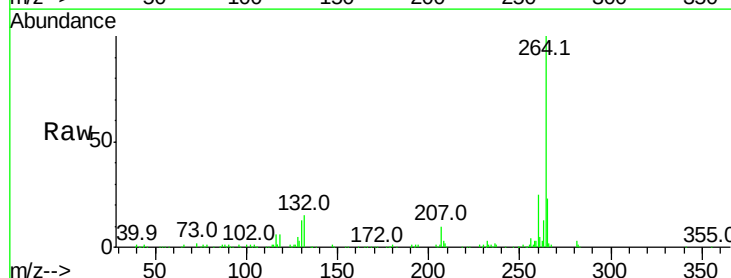
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.16 min Scan# 3799
 Delta R.T. -0.01 min
 Lab File: BG021637.D
 Acq: 14 Apr 2016 1:29

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	25.4	20.2	30.4
265	23.1	17.8	26.8

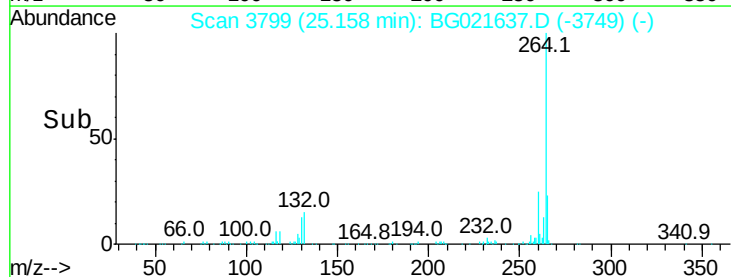
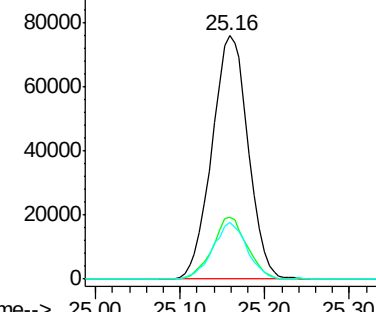


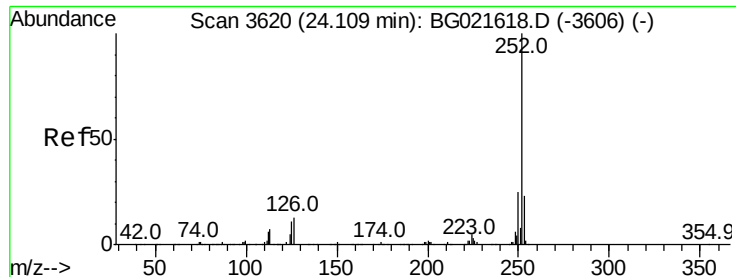
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.82 ng

RT: 24.10 min Scan# 3619

Delta R.T. -0.01 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Instrument :

BNA_G

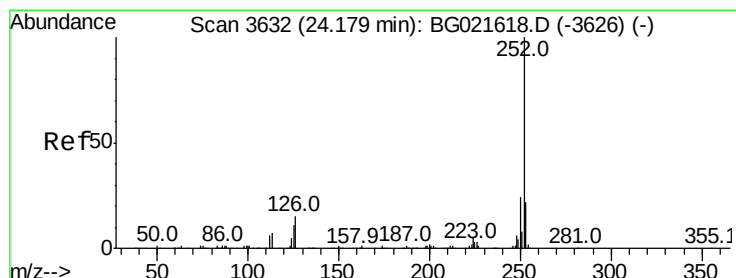
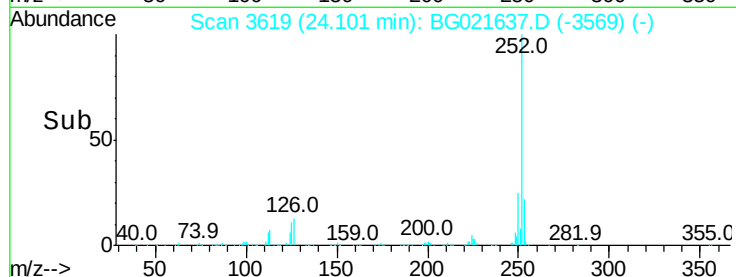
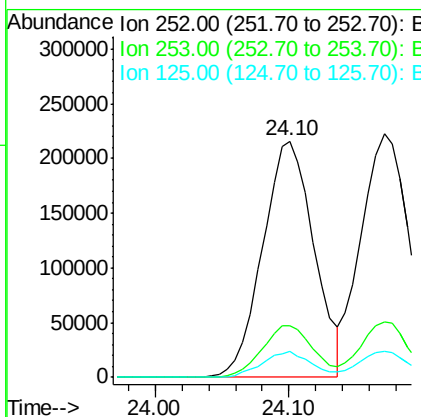
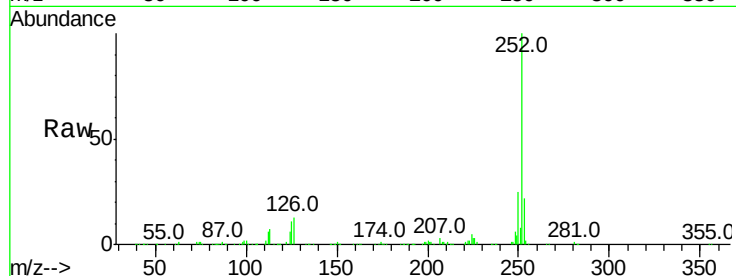
ClientSampleId :

PB89730BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	573773		
253	22.1		17.5	26.3
125	11.0		8.6	13.0

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#88

Benzo(k)fluoranthene

Concen: 42.94 ng

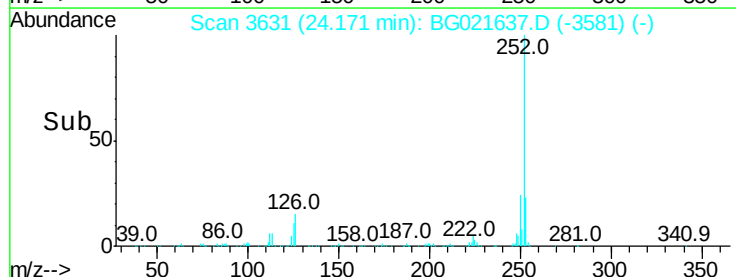
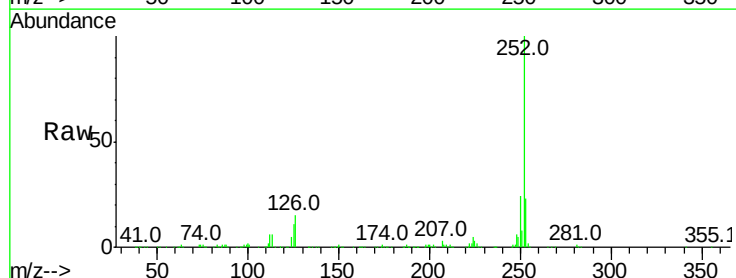
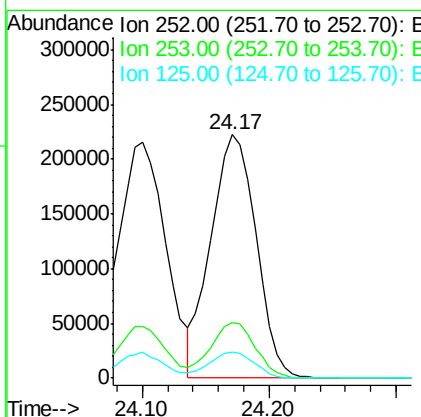
RT: 24.17 min Scan# 3631

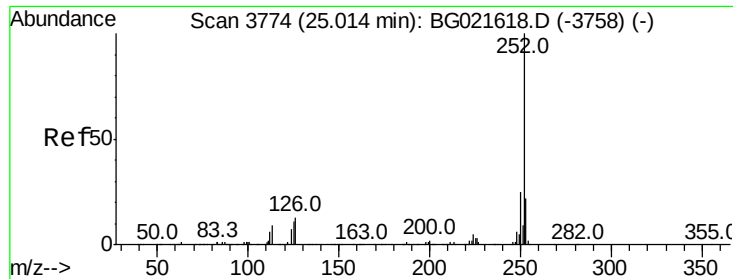
Delta R.T. -0.01 min

Lab File: BG021637.D

Acq: 14 Apr 2016 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	549725		
253	22.7		17.8	26.8
125	10.7		8.3	12.5





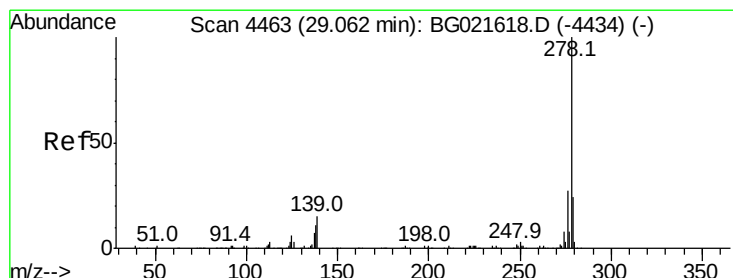
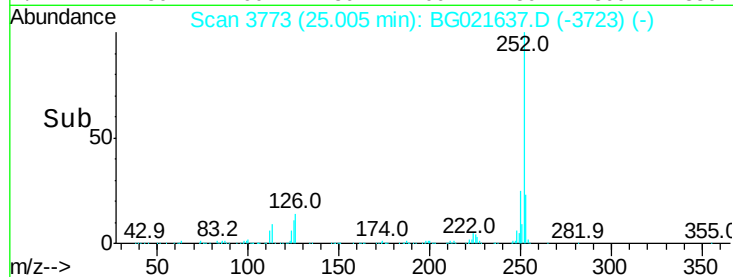
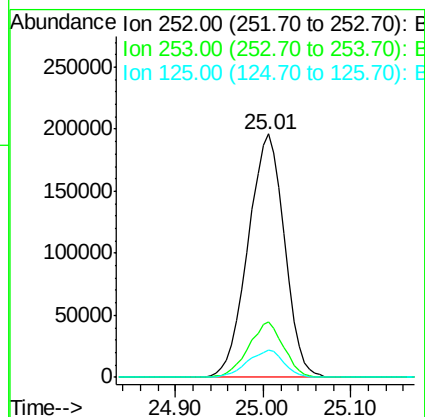
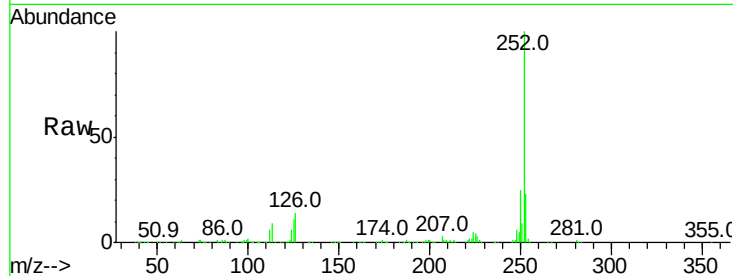
#89
Benzo(a)pyrene
Concen: 43.83 ng
RT: 25.01 min Scan# 3773
Delta R.T. -0.01 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Instrument :
BNA_G
ClientSampled :
PB89730BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.0	17.1	25.7	
125	11.3	9.6	14.4	

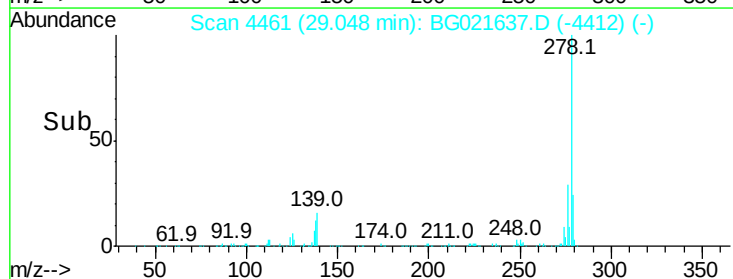
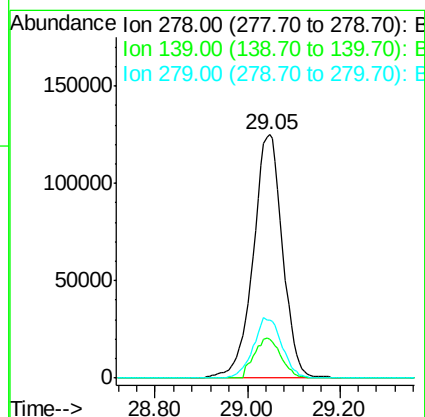
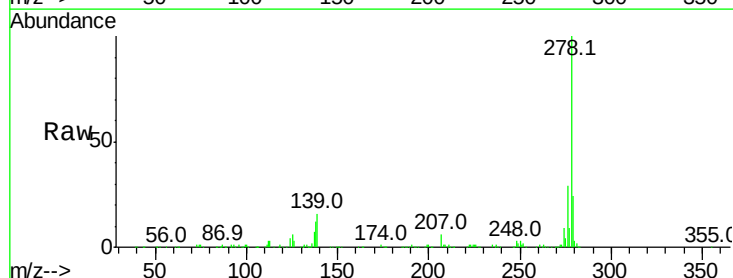
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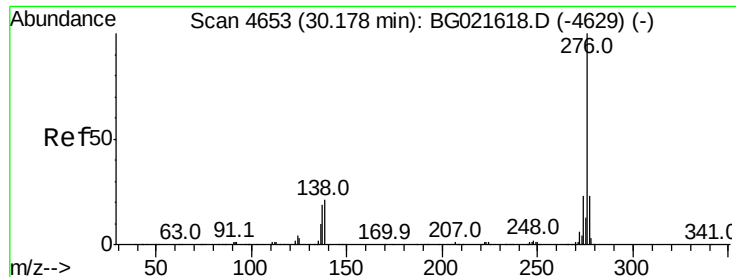
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 43.28 ng
RT: 29.05 min Scan# 4461
Delta R.T. -0.01 min
Lab File: BG021637.D
Acq: 14 Apr 2016 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	15.8	11.9	17.9	
279	23.8	18.2	27.2	





#91
 Benzo(a,h,i)perylene
 Concen: 43.09 ng
 RT: 30.18 min Scan# 4653
 Delta R.T. -0.00 min
 Lab File: BG021637.D
 Acq: 14 Apr 2016 1:29

Instrument :
 BNA_G
 ClientSampleId :
 PB89730BS

Tot Ion:	276	Resp:	537795
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.4	29.2
138	20.6	17.4	26.0

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