

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
 Data File : BG021113.D
 Acq On : 27 Feb 2016 13:48
 Operator : UM/SJ
 Sample : H1578-07MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

Manual Integrations
 APPROVED

Sohil
 2/29/2016 12:38:57 PM

Quant Time: Feb 29 01:12:25 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	7051	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	32528	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	20232	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	49340	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	54918	20.00	ng	-0.02
86) Perylene-d12	25.06	264	49297	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	24233	60.17	ng	0.00
7) Phenol-d6	7.31	99	21840	36.44	ng	-0.02
23) Nitrobenzene-d5	9.34	82	73126	107.11	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	36552	137.80	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	152144	96.23	ng	0.00
78) Terphenyl-d14	20.10	244	203115	86.43	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	2711	14.54	ng	# 88
3) Pyridine	4.02	79	6156	11.29	ng	94
4) n-Nitrosodimethylamine	3.92	42	4133	14.95	ng	# 93
6) Aniline	7.49	93	14790	19.95	ng	92
8) 2-Chlorophenol	7.73	128	20430	40.67	ng	92
9) Benzaldehyde	7.30	77	3866	11.91	ng	86
10) Phenol	7.34	94	8074	13.15	ng	# 72
11) bis(2-Chloroethyl)ether	7.58	93	25231	53.62	ng	99
12) 1,3-Dichlorobenzene	8.06	146	25531	47.76	ng	# 92
13) 1,4-Dichlorobenzene	8.21	146	26793	46.92	ng	98
14) 1,2-Dichlorobenzene	8.52	146	25551	47.25	ng	96
15) Benzyl Alcohol	8.40	79	14831	28.33	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.70	45	33551	62.18	ng	92
17) 2-Methylphenol	8.60	107	14588	33.66	ng	# 89
18) Hexachloroethane	9.26	117	10486	48.54	ng	# 90
19) n-Nitroso-di-n-propylamine	8.97	70	26132	56.53	ng	96
20) 3+4-Methylphenols	8.92	107	17182	28.60	ng	89
22) Acetophenone	8.99	105	44060	49.07	ng	# 97
24) Nitrobenzene	9.38	77	38703	54.88	ng	91
25) Isophorone	9.89	82	70320	54.95	ng	97
26) 2-Nitrophenol	10.09	139	14133	47.40	ng	# 69
27) 2,4-Dimethylphenol	10.13	122	22994	43.72	ng	# 83
28) bis(2-Chloroethoxy)methane	10.38	93	35943	57.64	ng	98
29) 2,4-Dichlorophenol	10.62	162	24196	46.99	ng	95
30) 1,2,4-Trichlorobenzene	10.83	180	26728	45.80	ng	96
31) Naphthalene	11.03	128	84366	50.49	ng	98
32) Benzoic acid	10.20	122	3962	8.20	ng	88
33) 4-Chloroaniline	11.13	127	11854	16.99	ng	# 91
34) Hexachlorobutadiene	11.31	225	17266	44.22	ng	92
35) Caprolactam	11.90	113	861m	4.95	ng	
36) 4-Chloro-3-methylphenol	12.23	107	28455	45.08	ng	91
37) 2-Methylnaphthalene	12.62	142	63005	53.69	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	34115	45.63	ng	# 97
40) Hexachlorocyclopentadiene	12.96	237	47573	96.76	ng	99

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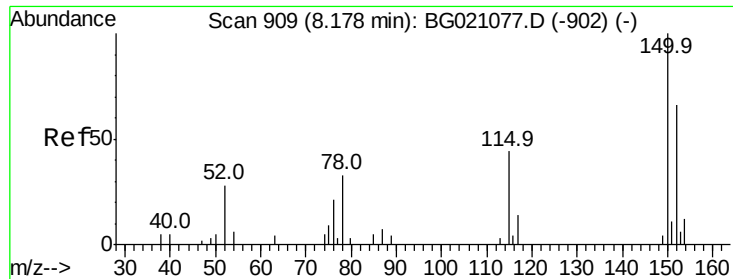
Manual Integrations
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 2/29/2016 12:38:57 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	23484	50.09	nq	98
43) 2,4,5-Trichlorophenol	13.28	196	25627	53.20	nq #	94
45) 1,1'-Biphenyl	13.61	154	82503	48.42	nq	94
46) 2-Chloronaphthalene	13.66	162	65048	50.32	nq	98
47) 2-Nitroaniline	13.85	65	25178	60.11	nq #	71
48) Acenaphthylene	14.50	152	104289	50.99	nq	98
49) Dimethylphthalate	14.23	163	90466	51.88	nq #	99
50) 2,6-Dinitrotoluene	14.35	165	19068	53.15	nq #	71
51) Acenaphthene	14.84	154	66533	47.69	nq	99
52) 3-Nitroaniline	14.67	138	8373	23.99	nq #	70
53) 2,4-Dinitrophenol	14.88	184	25943	103.72	nq	92
54) Dibenzofuran	15.17	168	99514	56.31	nq	92
55) 4-Nitrophenol	14.96	139	9450	30.52	nq #	53
56) 2,4-Dinitrotoluene	15.13	165	27903	54.24	nq #	82
57) Fluorene	15.82	166	87095	50.66	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.39	232	23227	55.47	nq #	98
59) Diethylphthalate	15.58	149	95161	51.78	nq	97
60) 4-Chlorophenyl-phenylether	15.80	204	45557	48.17	nq	99
61) 4-Nitroaniline	15.83	138	17661	44.43	nq #	58
62) Azobenzene	16.10	77	102529	64.39	nq	91
64) 4,6-Dinitro-2-methylphenol	15.88	198	17505	48.37	nq	95
65) n-Nitrosodiphenylamine	16.02	169	77288	53.10	nq	91
66) 4-Bromophenyl-phenylether	16.70	248	27355	47.09	nq #	90
67) Hexachlorobenzene	16.82	284	28789	46.98	nq #	91
68) Atrazine	16.96	200	28857	53.50	nq	99
69) Pentachlorophenol	17.16	266	39682	95.92	nq	96
70) Phenanthrene	17.56	178	139280	52.46	nq	98
71) Anthracene	17.64	178	138826	51.92	nq	98
72) Carbazole	17.91	167	129880	56.27	nq	97
73) Di-n-butylphthalate	18.46	149	170480	56.03	nq #	98
74) Fluoranthene	19.55	202	171353	51.45	nq	97
76) Benzidine	19.72	184	26246	18.17	nq	98
77) Pyrene	19.91	202	173605	57.09	nq	99
79) Butylbenzylphthalate	20.78	149	76571	60.34	nq	88
80) Benzo(a)anthracene	21.76	228	170526	53.97	nq	98
81) 3,3'-Dichlorobenzidine	21.66	252	27308	22.09	nq	99
82) Chrysene	21.82	228	153071	50.30	nq	98
83) Bis(2-ethylhexyl)phthalate	21.66	149	112171	57.24	nq #	95
84) Di-n-octyl phthalate	22.89	149	191922	58.43	nq	96
85) Indeno(1,2,3-cd)pyrene	28.81	276	182051	49.62	nq #	100
87) Benzo(b)fluoranthene	24.02	252	167118m	54.23	nq	
88) Benzo(k)fluoranthene	24.08	252	166433	54.79	nq	95
89) Benzo(a)pyrene	24.91	252	162180	54.83	nq	98
90) Dibenzo(a,h)anthracene	28.88	278	154733	51.89	nq	97
91) Benzo(g,h,i)perylene	29.99	276	148558	51.72	nq	95

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



#1

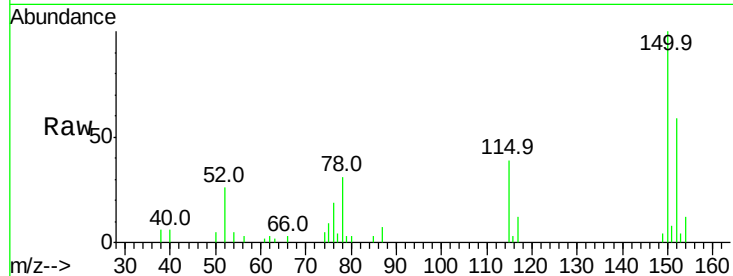
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MSD

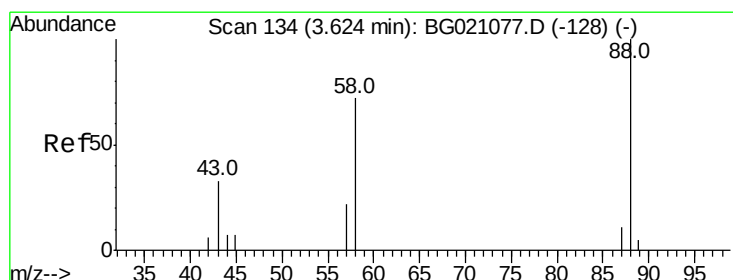
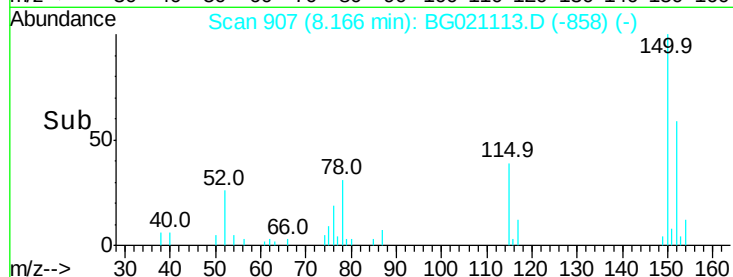
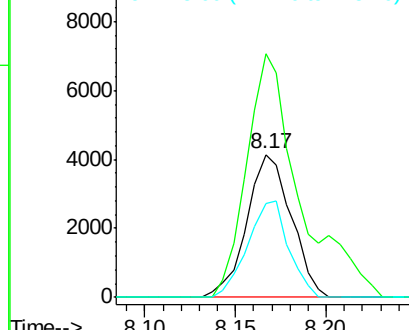
Tot Ion	Ratio	Lower	Upper
152	100		
150	170.3	123.4	185.2
115	65.7	43.3	64.9

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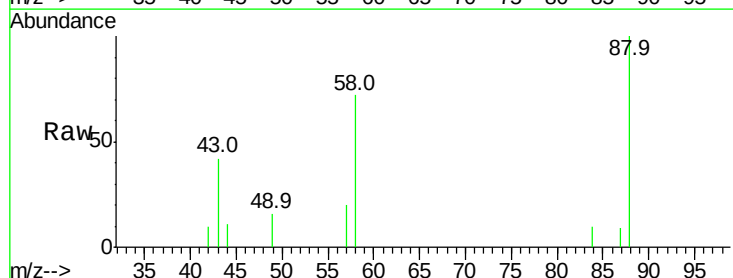
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



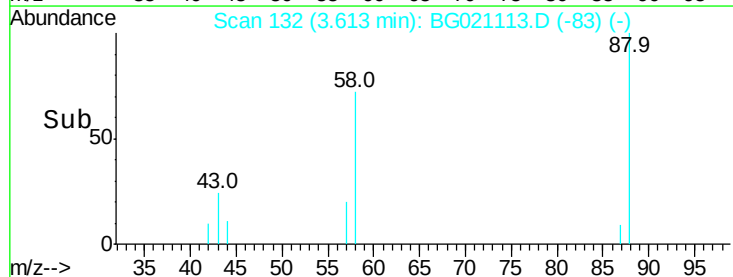
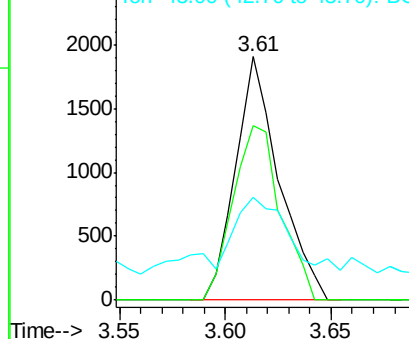
#2

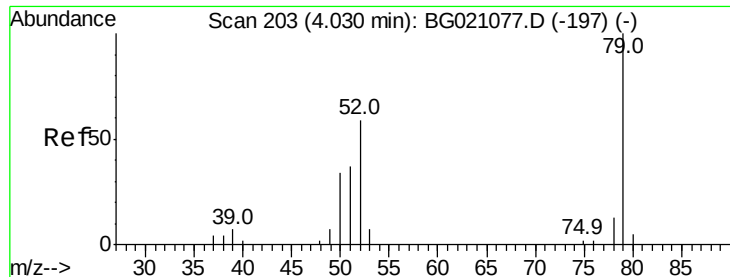
1,4-Dioxane
Concen: 14.54 ng
RT: 3.61 min Scan# 132
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.4	55.9	83.9
43	35.8	22.5	33.7



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





#3

Pvridine

Concen: 11.29 ng

RT: 4.02 min Scan# 201

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

ClientSampleId :

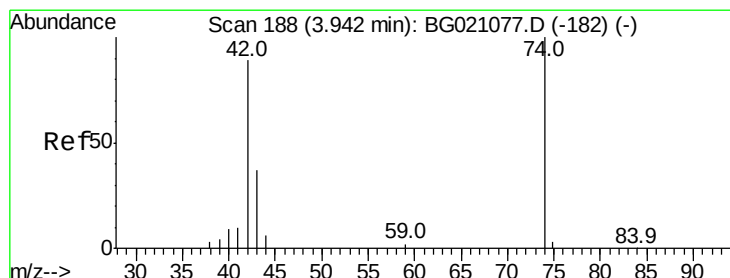
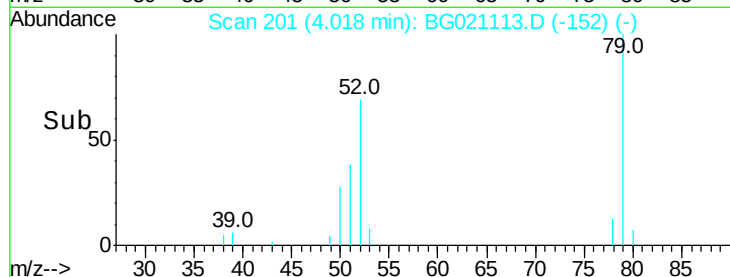
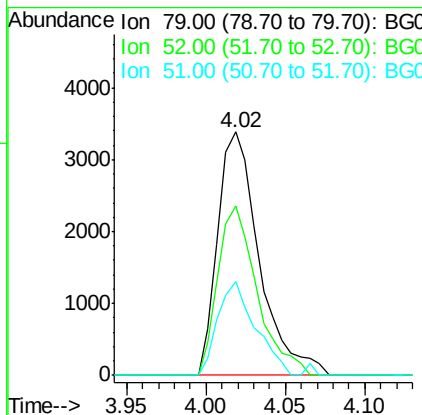
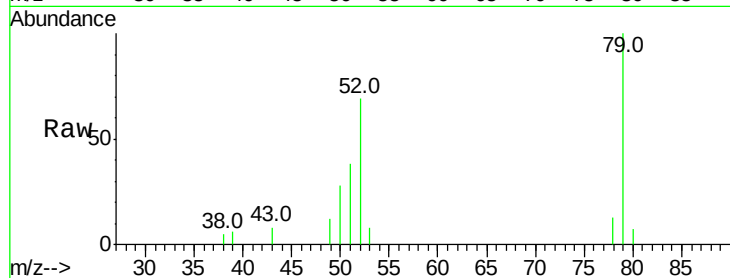
CEB-3-20160224MSD

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Tot Ion:	79	Resp:	6156
Ion	Ratio	Lower	Upper
79	100		
52	69.3	53.2	79.8
51	38.4	26.1	39.1



#4

n-Nitrosodimethylamine

Concen: 14.95 ng

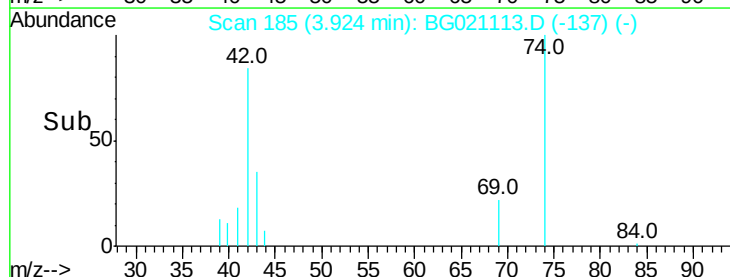
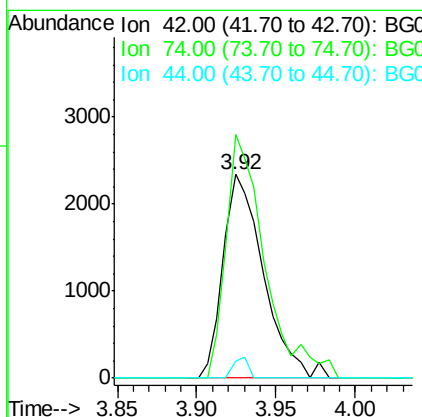
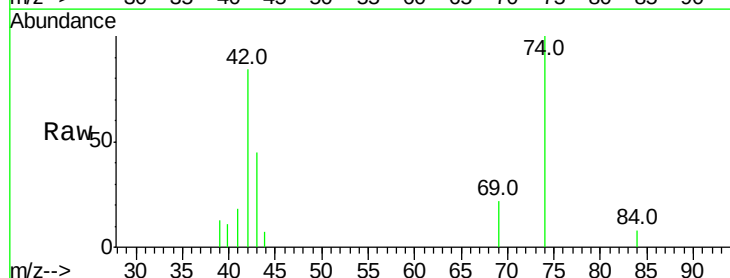
RT: 3.92 min Scan# 185

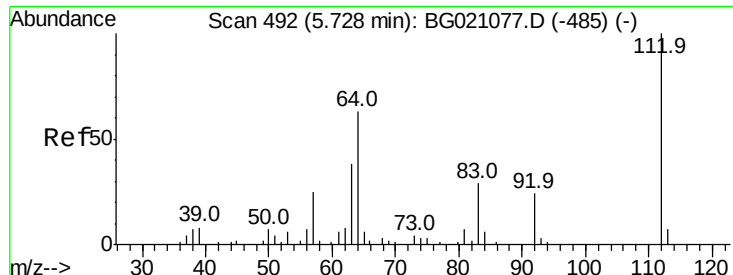
Delta R.T. -0.02 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Tgt Ion:	42	Resp:	4133
Ion	Ratio	Lower	Upper
42	100		
74	119.5	102.3	153.5
44	8.1	4.8	7.2#





#5

2-Fluorophenol

Concen: 60.17 ng

RT: 5.72 min Scan# 491

Delta R.T. -0.00 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

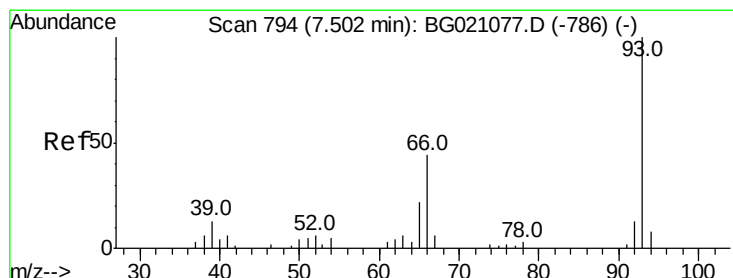
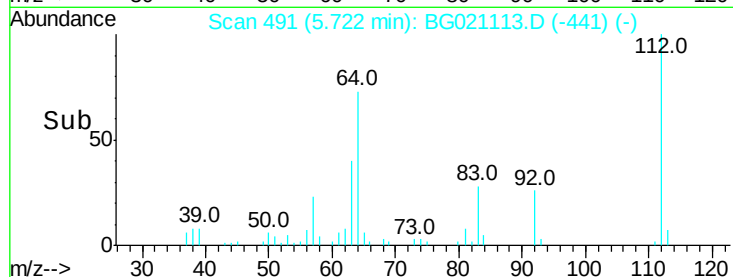
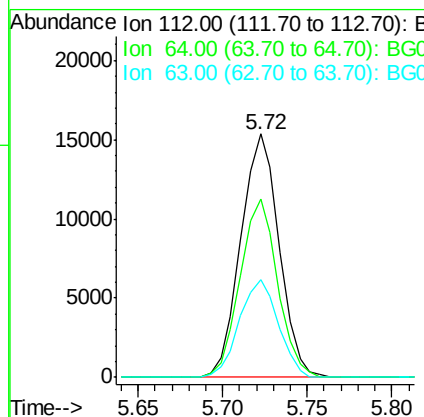
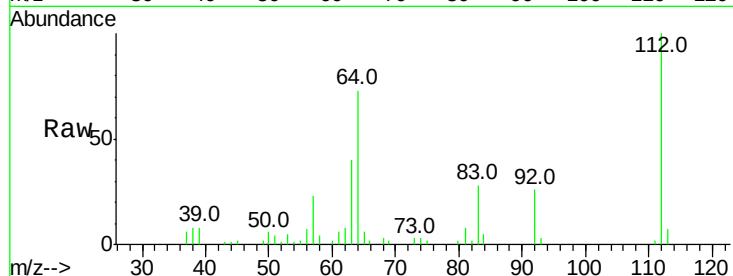
ClientSampleId :

CEB-3-20160224MSD

Tot Ion:	112	Resp:	24233
Ion Ratio	Lower	Upper	
112	100		
64	73.3	42.6	63.8#
63	40.1	21.7	32.5#

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#6

Aniline

Concen: 19.95 ng

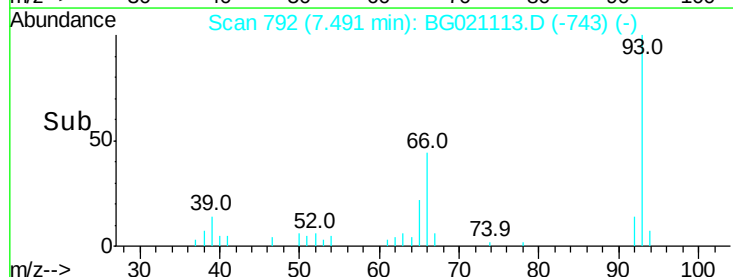
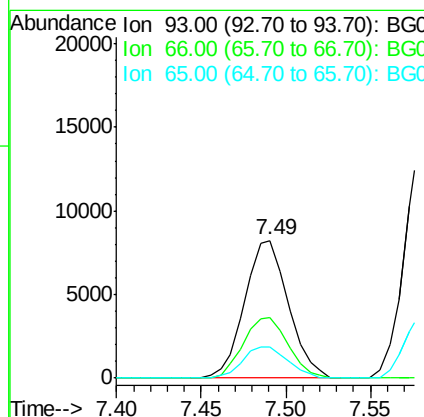
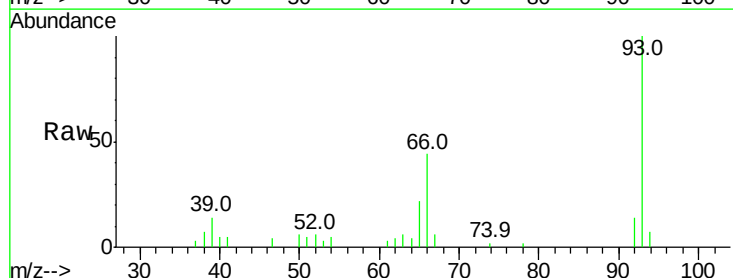
RT: 7.49 min Scan# 792

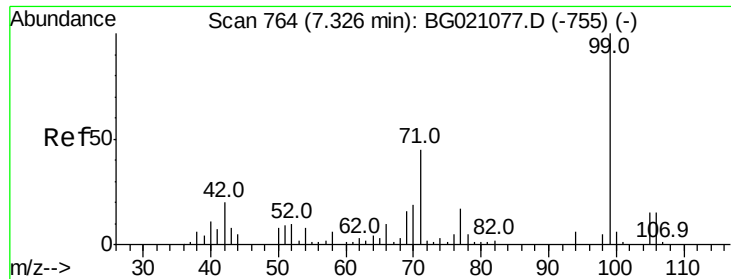
Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Tgt Ion:	93	Resp:	14790
Ion Ratio	Lower	Upper	
93	100		
66	43.8	30.1	45.1
65	22.4	16.6	24.8





#7

Phenol-d6

Concen: 36.44 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224MSD

Tot Ion: 99 Resp: 21840

Ion Ratio Lower Upper

99 100

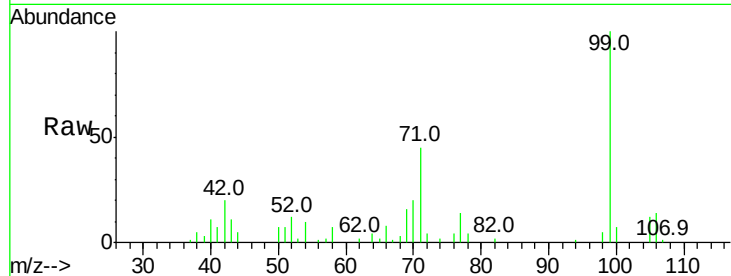
42 20.2 13.2 19.8#

71 45.1 25.2 37.8#

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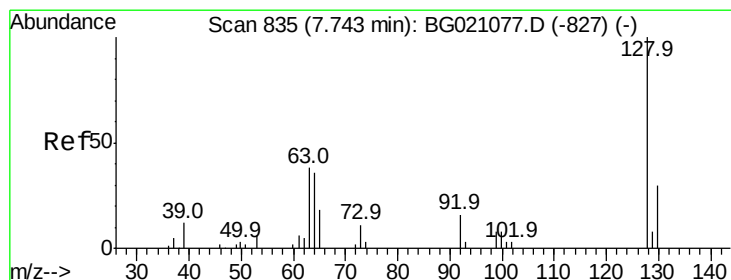
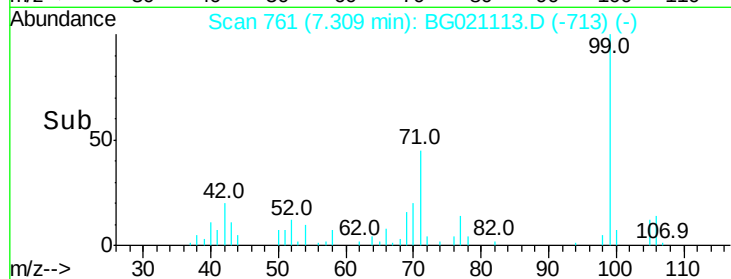
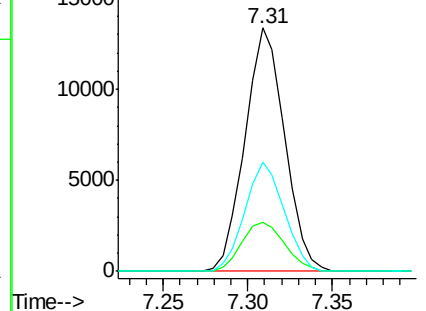
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.67 ng

RT: 7.73 min Scan# 833

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

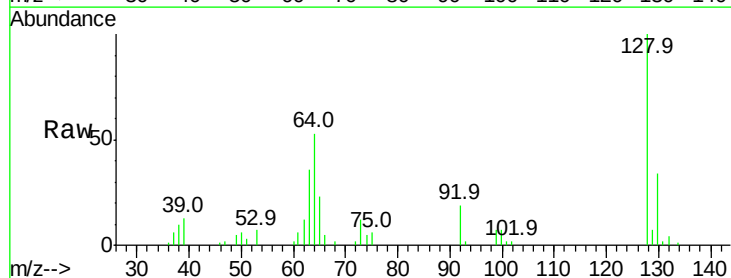
Tgt Ion: 128 Resp: 20430

Ion Ratio Lower Upper

128 100

130 34.2 11.9 51.9

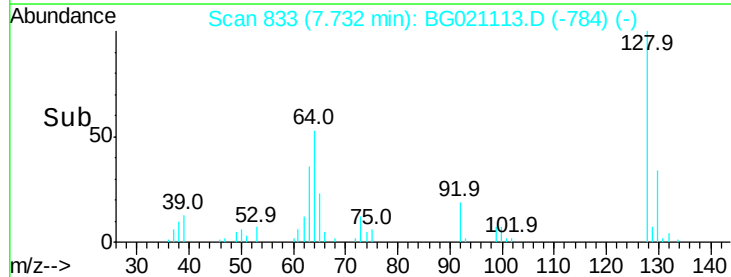
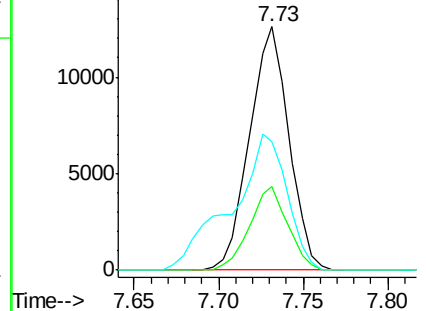
64 52.7 25.8 65.8

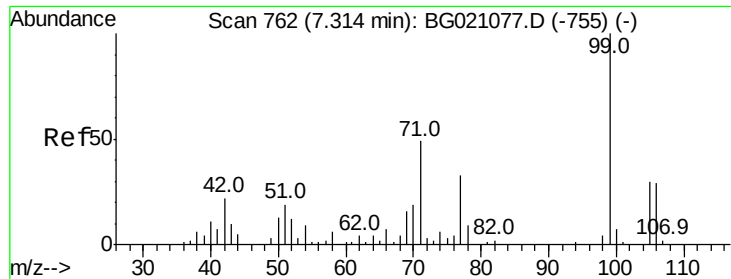


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 11.91 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224MSD

Tot Ion: 77 Resp: 3866

Ion Ratio Lower Upper

77 100

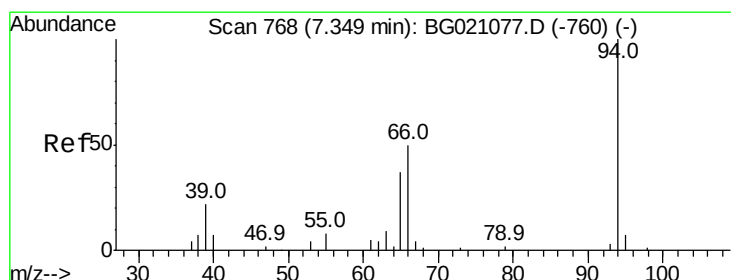
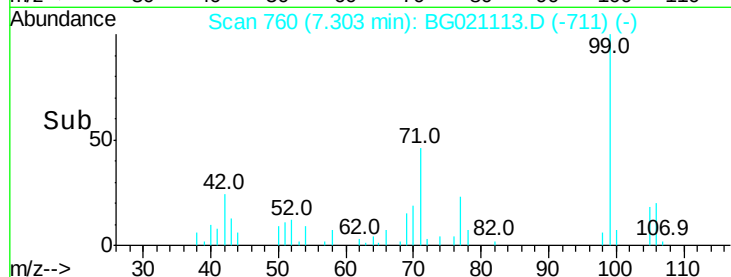
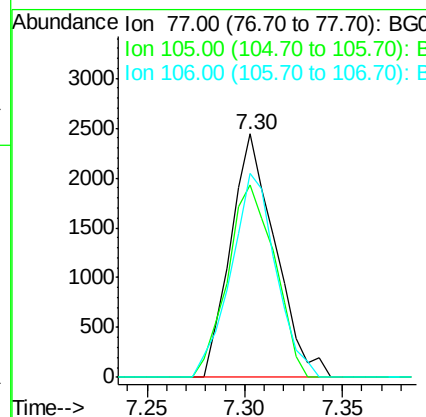
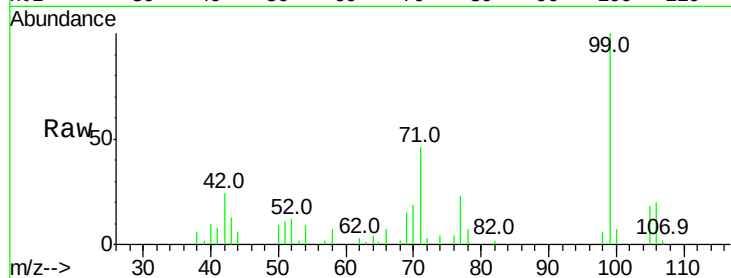
105 79.0 77.4 117.4

106 83.9 72.8 112.8

Manual Integrations
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#10

Phenol

Concen: 13.15 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

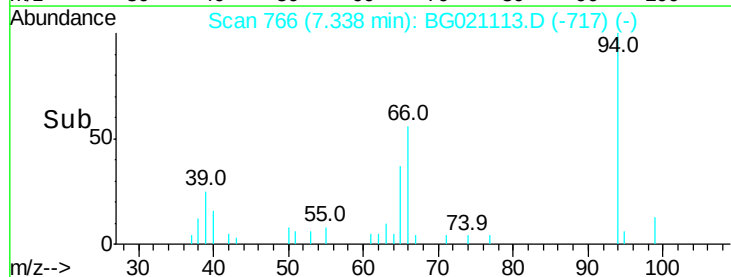
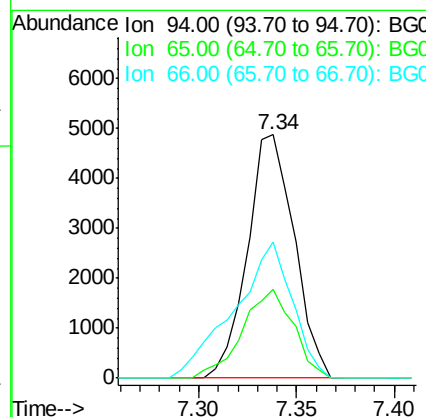
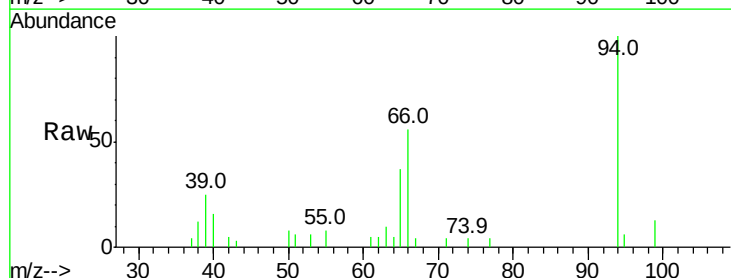
Tgt Ion: 94 Resp: 8074

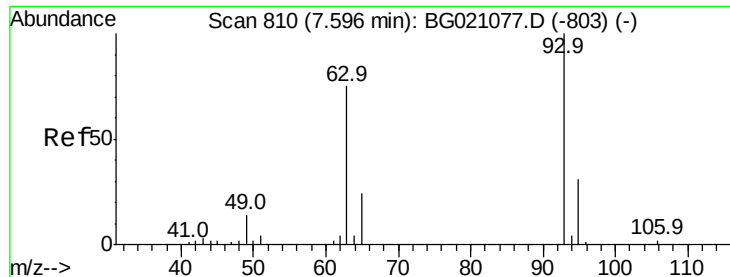
Ion Ratio Lower Upper

94 100

65 36.7 7.2 47.2

66 56.1 15.4 55.4#





#11

bis(2-Chloroethyl)ether

Concen: 53.62 ng

RT: 7.58 min Scan# 808

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

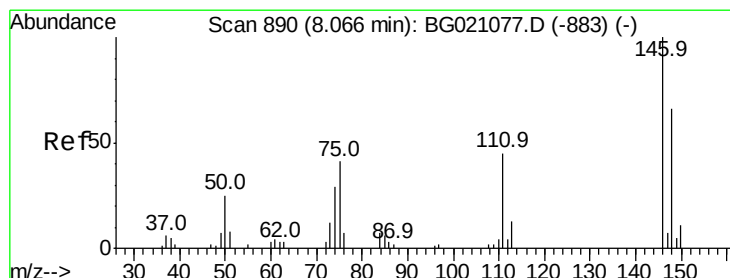
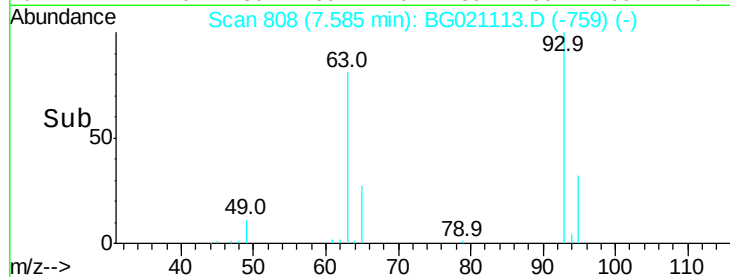
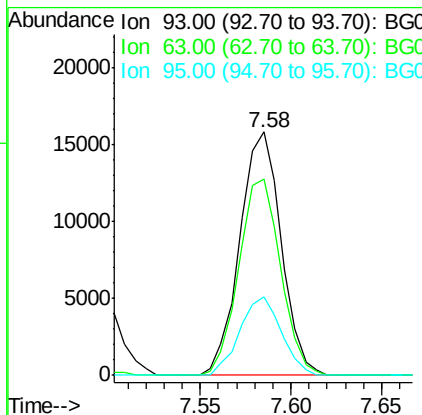
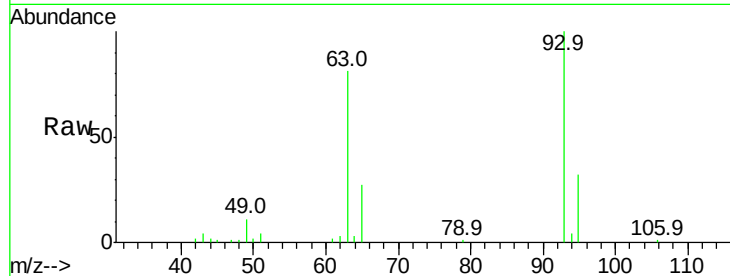
ClientSampleId :

CEB-3-20160224MSD

Tot Ion:	93	Resp:	25231
Ion Ratio	Lower	Upper	
93	100		
63	80.7	60.5	100.5
95	32.4	14.6	54.6

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#12

1,3-Dichlorobenzene

Concen: 47.76 ng

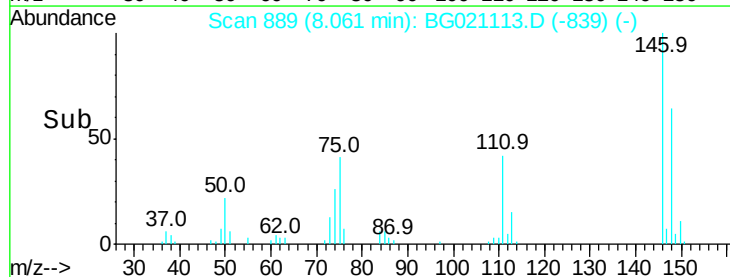
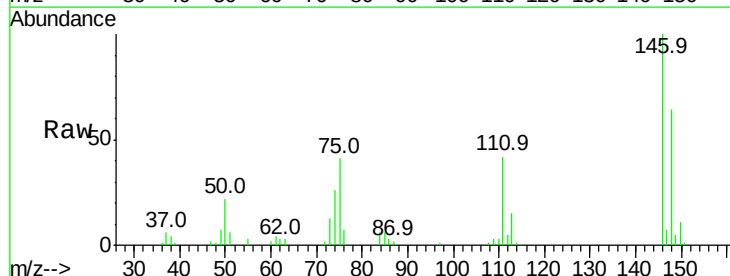
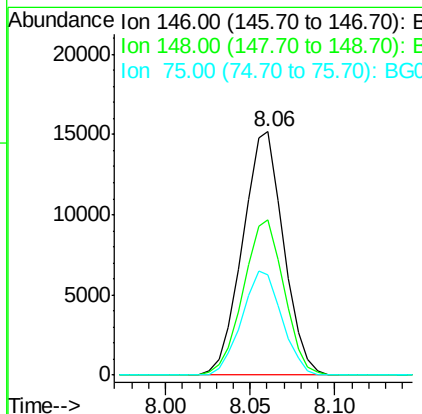
RT: 8.06 min Scan# 889

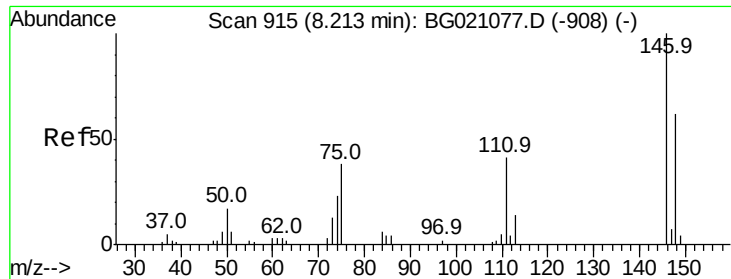
Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Tgt Ion:	146	Resp:	25531
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.6	78.8
75	41.3	24.0	36.0#





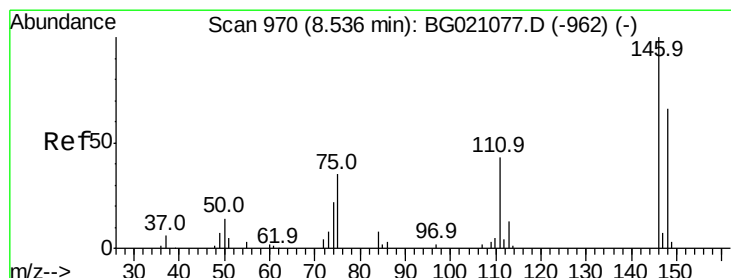
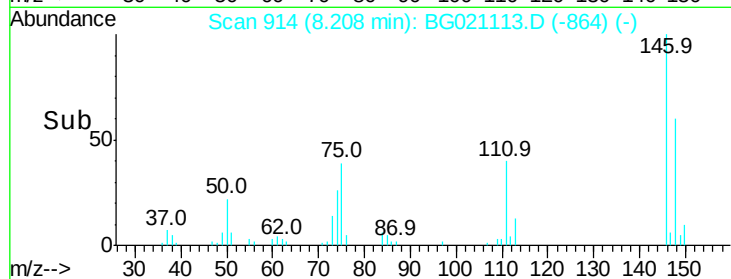
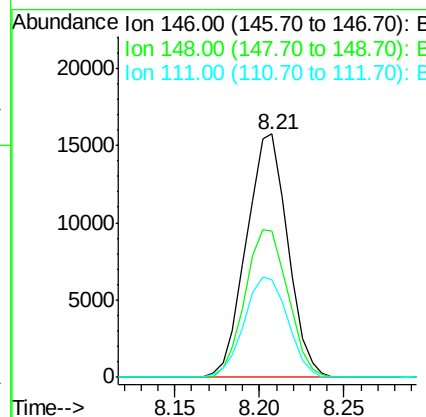
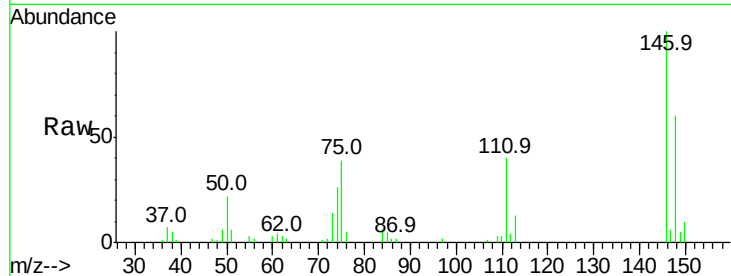
#13
 1,4-Dichlorobenzene
 Concen: 46.92 ng
 RT: 8.21 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.1	50.2	75.4
111	40.1	31.9	47.9

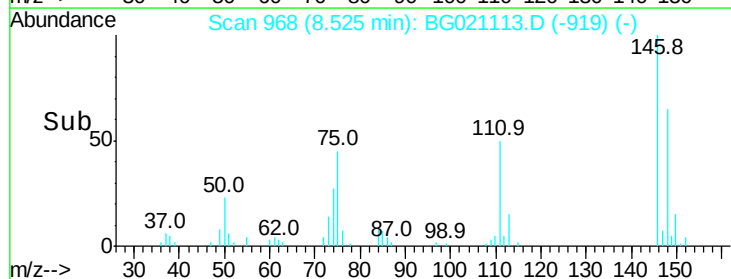
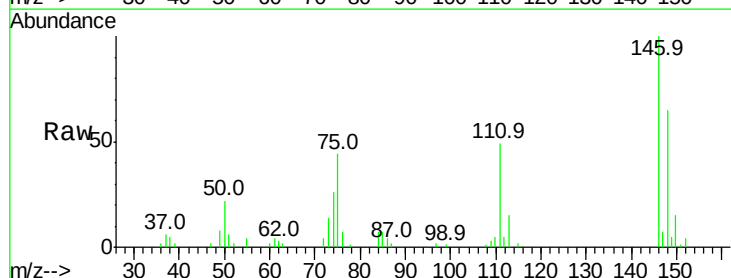
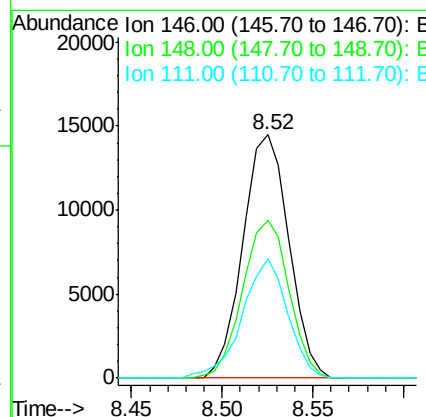
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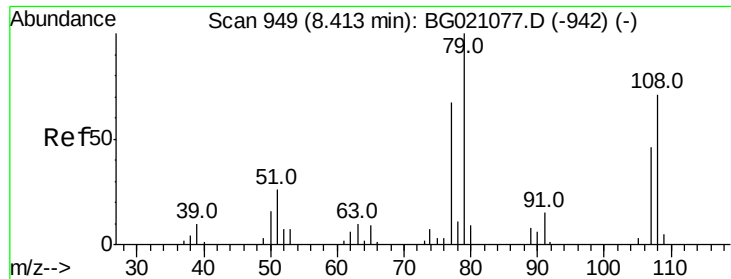
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#14
 1,2-Dichlorobenzene
 Concen: 47.25 ng
 RT: 8.52 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.5	75.7
111	49.1	35.4	53.2





#15

Benzyl Alcohol

Concen: 28.33 ng

RT: 8.40 min Scan# 947

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

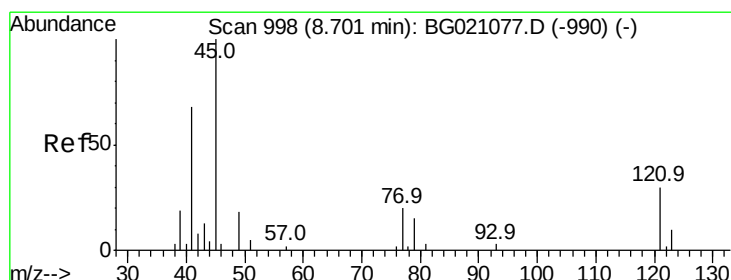
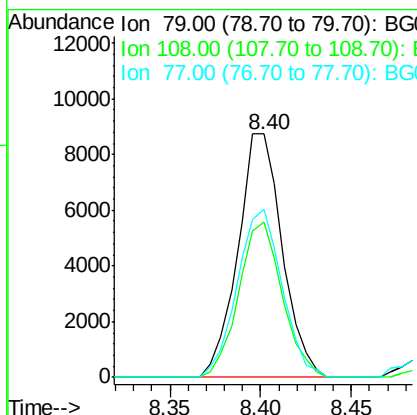
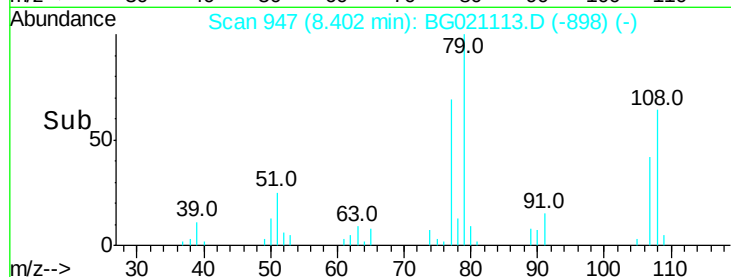
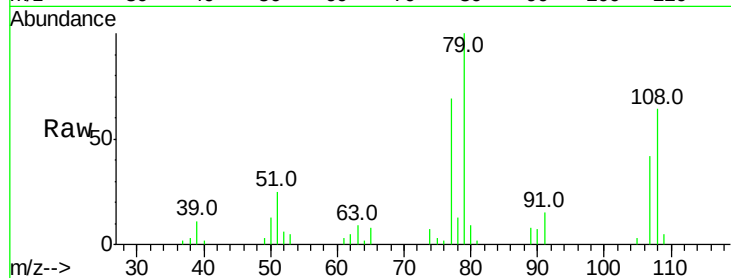
ClientSampleId :

CEB-3-20160224MSD

Tot Ion:	79	Resp:	14831
Ion Ratio	Lower	Upper	
79	100		
108	63.7	65.1	97.7#
77	69.1	53.8	80.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 62.18 ng

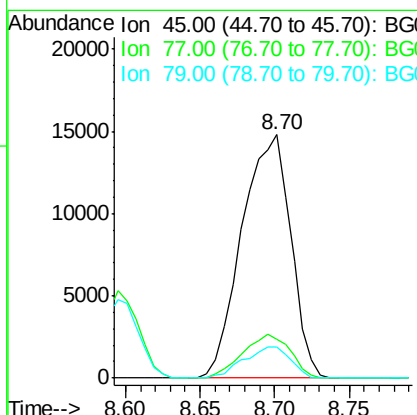
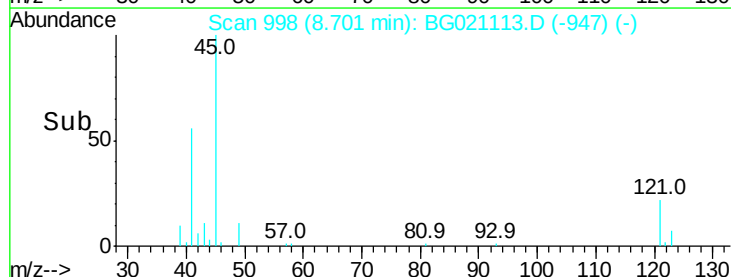
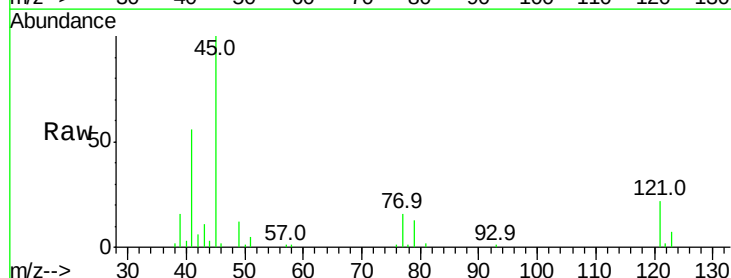
RT: 8.70 min Scan# 998

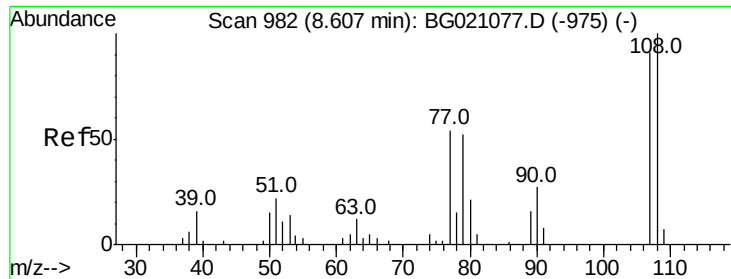
Delta R.T. 0.00 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Tgt Ion:	45	Resp:	33551
Ion Ratio	Lower	Upper	
45	100		
77	15.9	0.0	33.3
79	12.9	0.0	29.6





#17

2-Methylphenol

Concen: 33.66 ng

RT: 8.60 min Scan# 980

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224MSD

Tot Ion:107 Resp: 14588

Ion Ratio Lower Upper

107 100

108 107.5 88.8 133.2

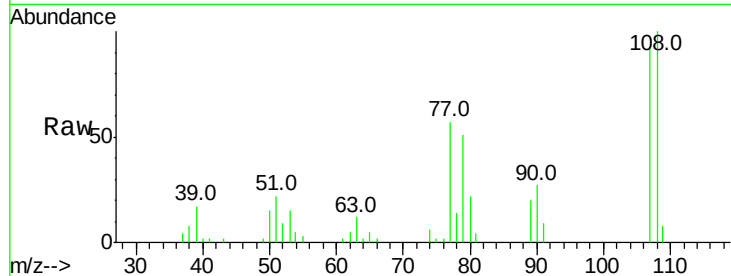
77 61.0 38.0 57.0#

79 54.8 32.6 49.0#

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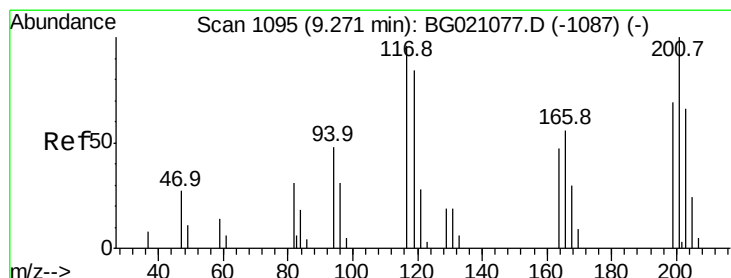
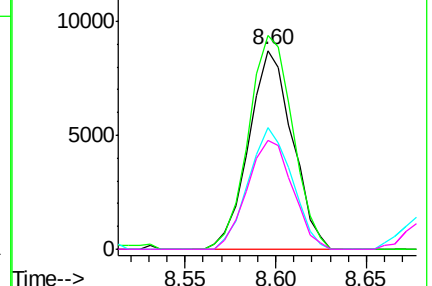
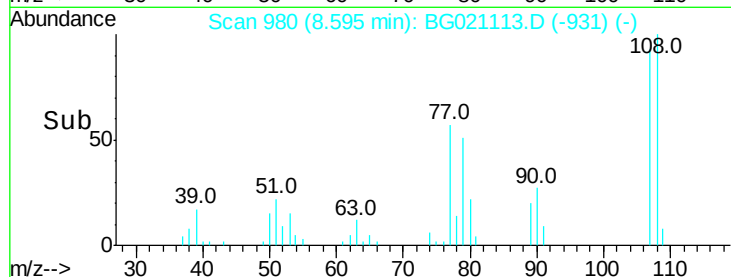


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 48.54 ng

RT: 9.26 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

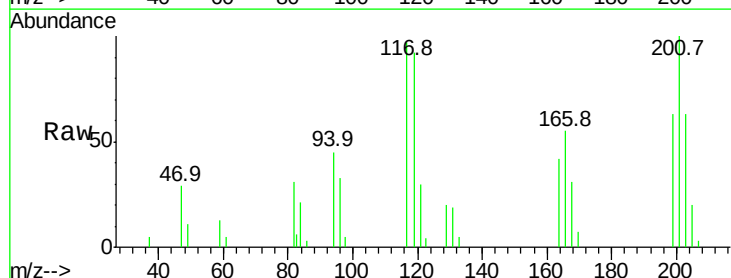
Tgt Ion:117 Resp: 10486

Ion Ratio Lower Upper

117 100

119 94.8 74.5 111.7

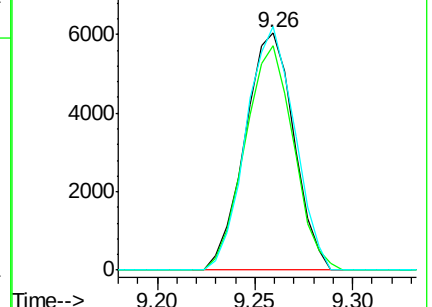
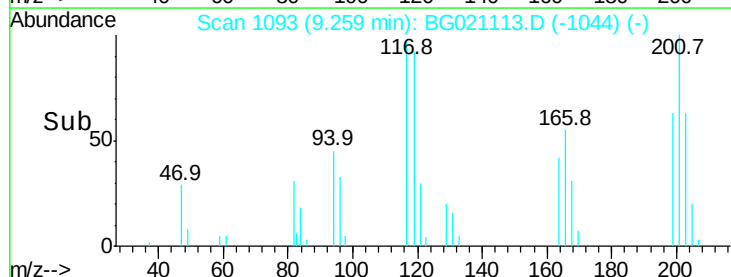
201 102.6 68.2 102.4#

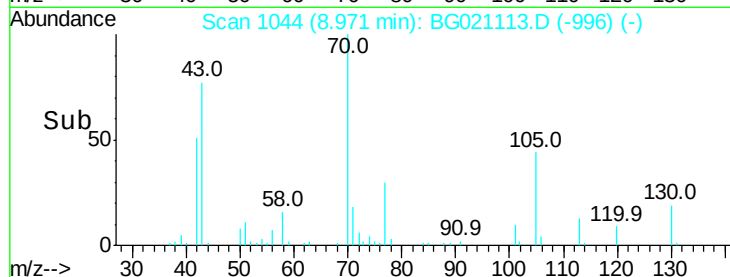
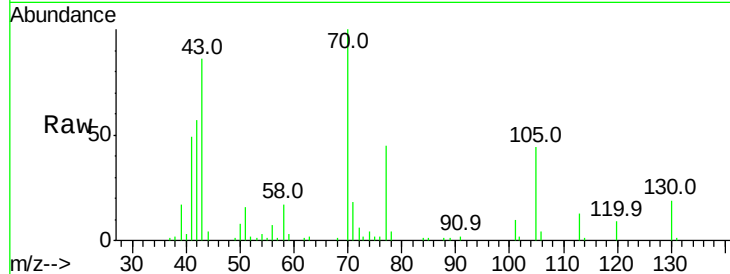
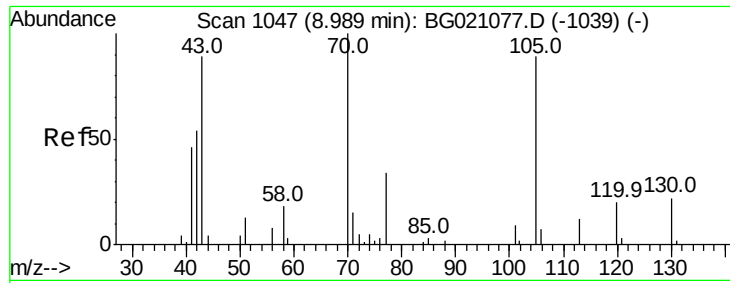


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





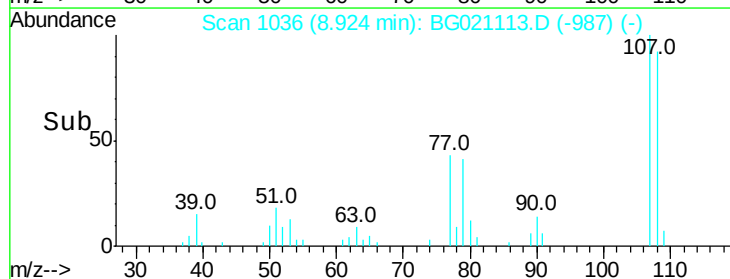
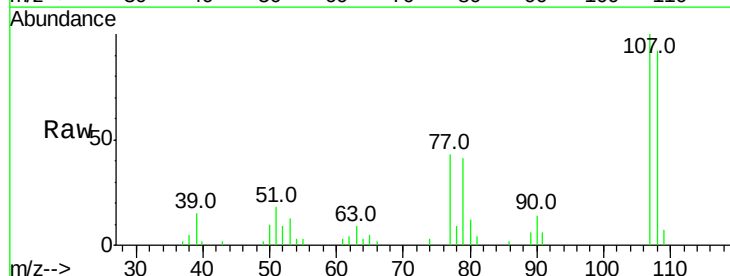
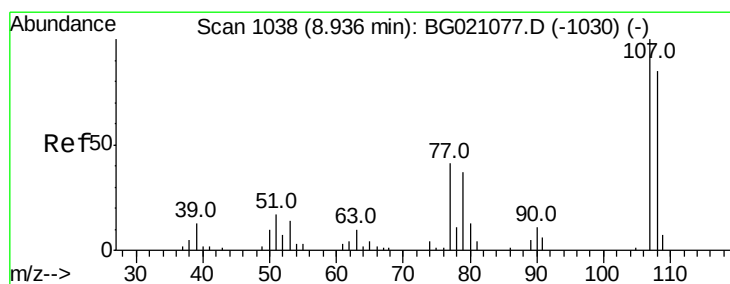
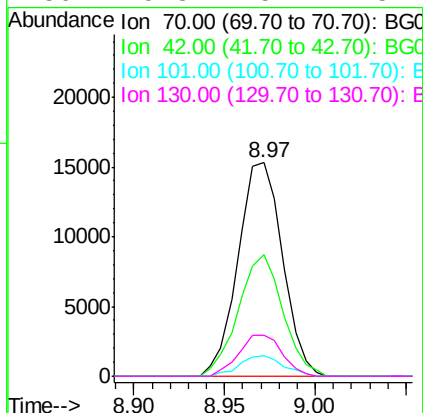
#19
n-Nitroso-di-n-propylamine
Concen: 56.53 ng
RT: 8.97 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MSD

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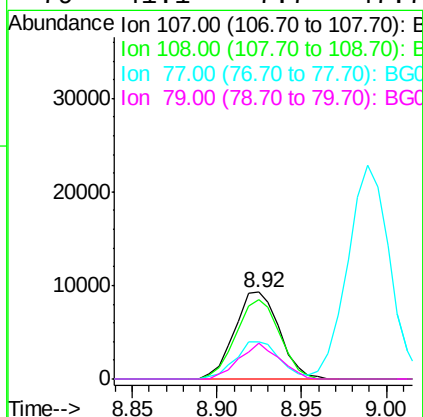
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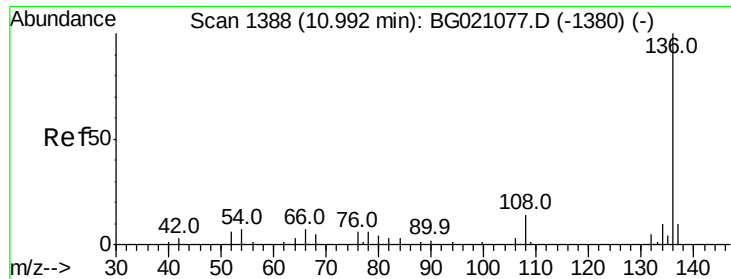
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.1	48.8	73.2	
101	9.9	8.5	12.7	
130	19.3	15.4	23.2	



#20
3+4-Methylphenols
Concen: 28.60 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.9	67.6	107.6	
77	42.7	14.4	54.4	
79	41.1	7.7	47.7	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG021113.D

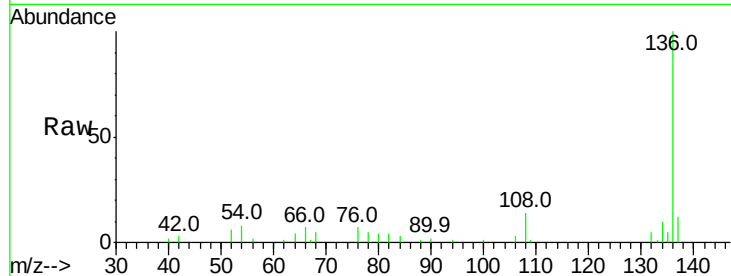
Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

ClientSampleId :

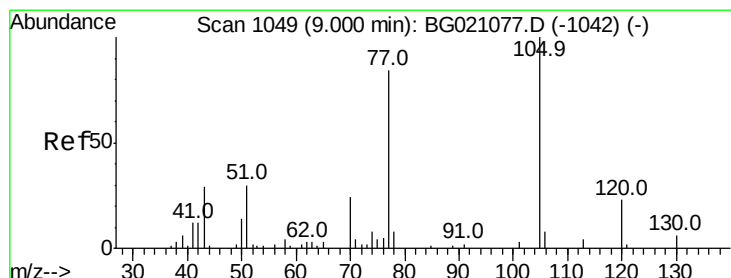
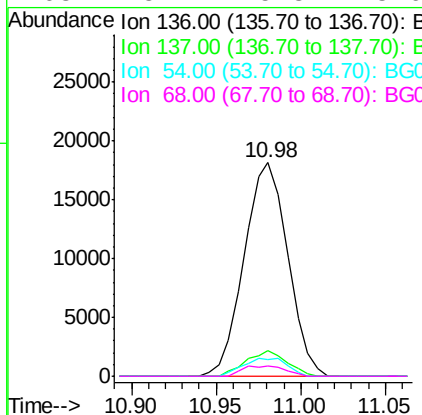
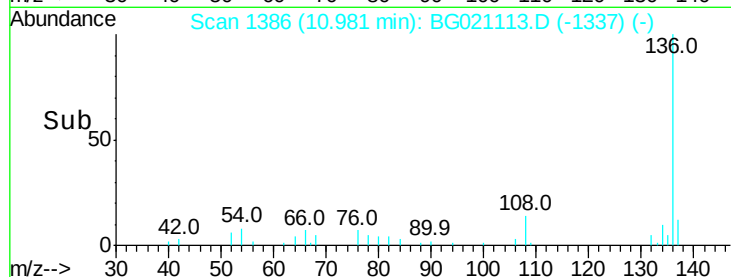
CEB-3-20160224MSD



Tot Ion	Ratio	Resp	Lower	Upper
136	100	32528		
137	12.1	8.8	13.2	
54	7.6	6.9	10.3	
68	5.1	5.8	8.6	

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#22

Acetophenone

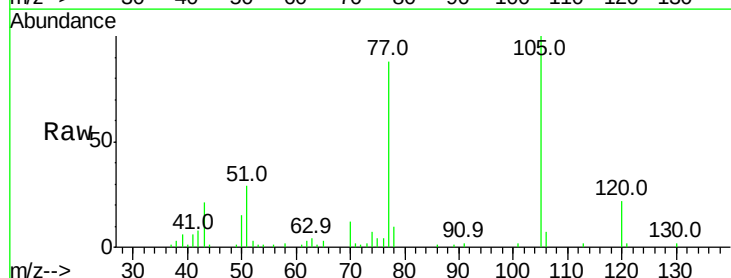
Concen: 49.07 ng

RT: 8.99 min Scan# 1047

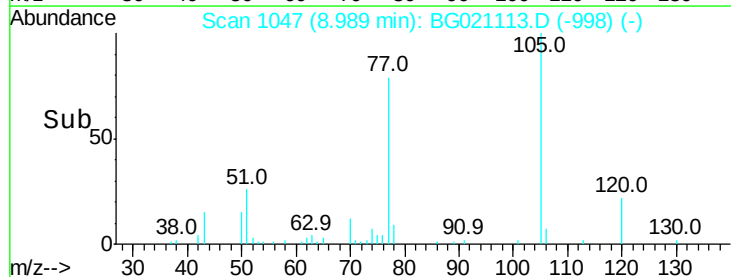
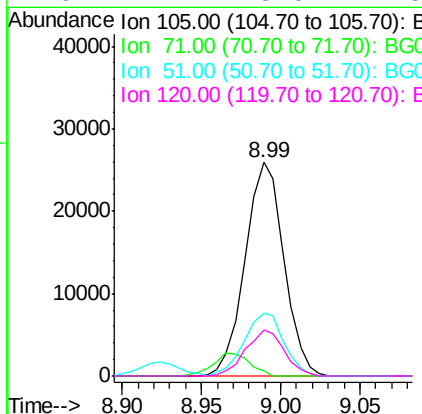
Delta R.T. -0.01 min

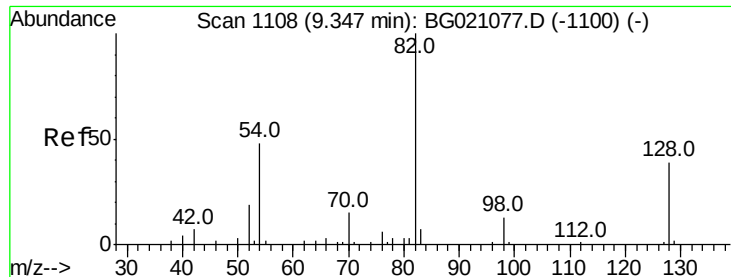
Lab File: BG021113.D

Acq: 27 Feb 2016 13:48



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	44060		
71	2.2	0.0	0.0	
51	29.4	21.4	32.2	
120	21.7	18.0	27.0	





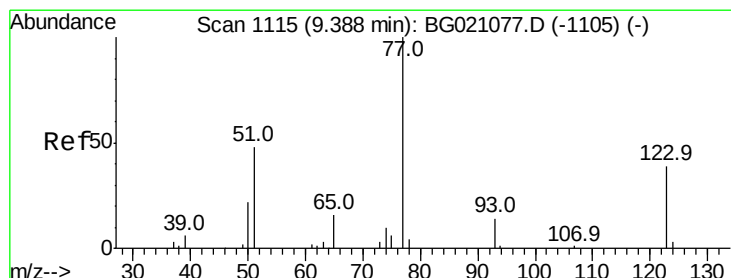
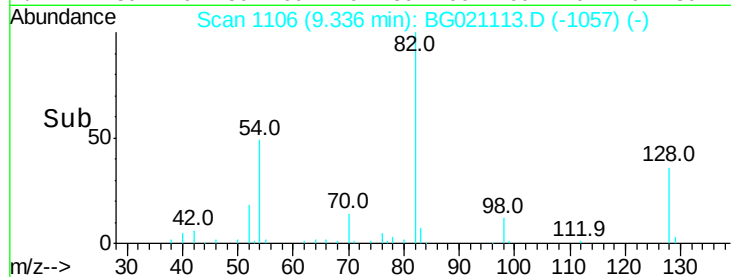
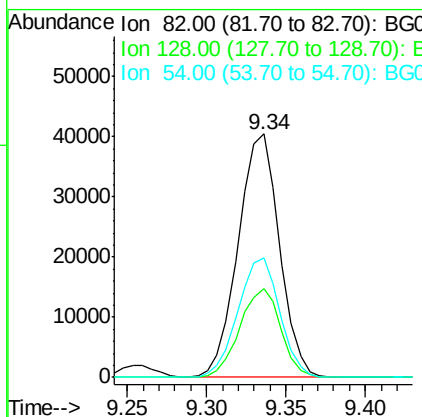
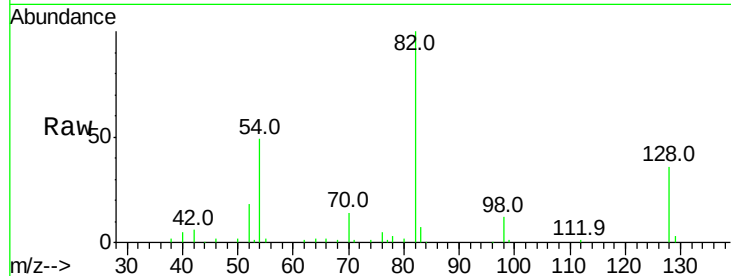
#23
 Nitrobenzene-d5
 Concen: 107.11 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.3	36.3	54.5#
54	48.8	37.6	56.4

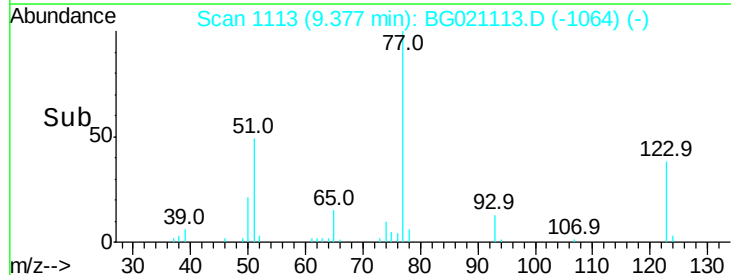
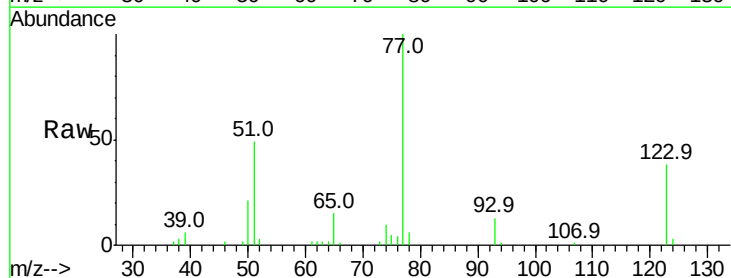
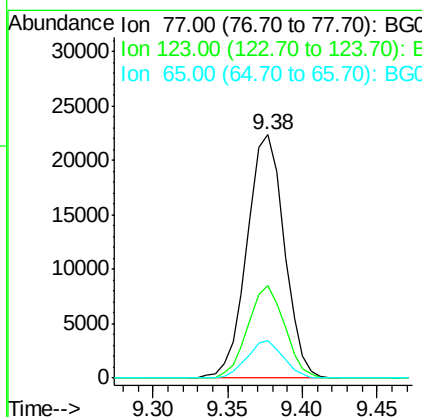
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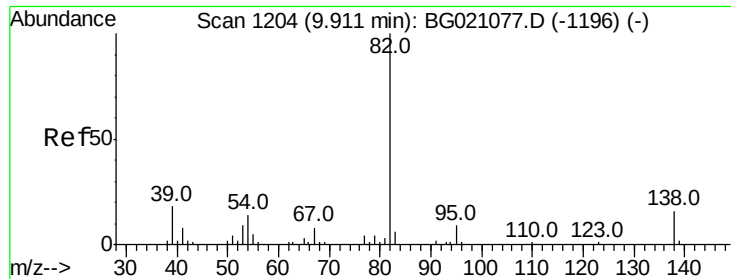
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#24
 Nitrobenzene
 Concen: 54.88 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.1	35.8	53.6
65	15.2	10.6	16.0





#25

Isophorone

Concen: 54.95 ng

RT: 9.89 min Scan# 1201

Delta R.T. -0.02 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

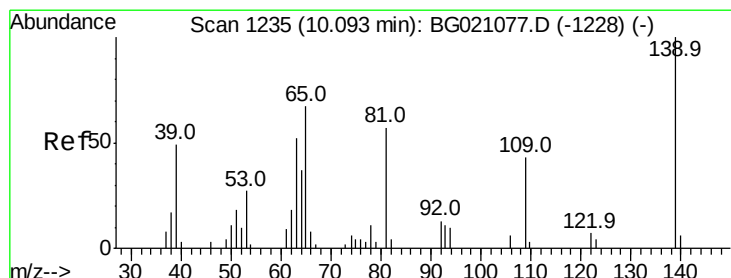
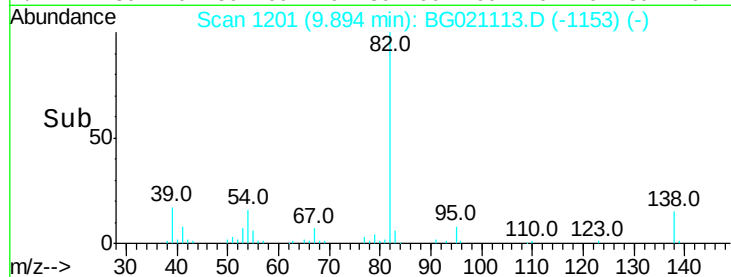
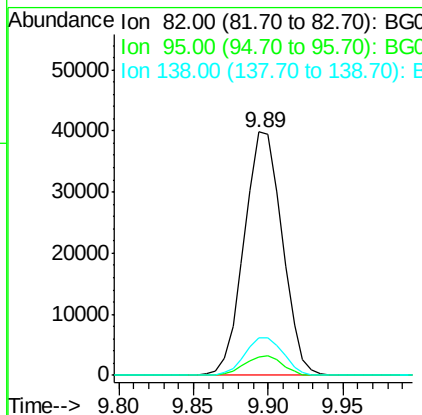
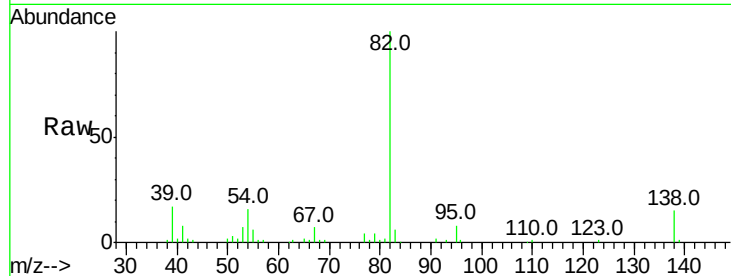
ClientSampleId :

CEB-3-20160224MSD

Tot Ion:	82	Resp:	70320
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.4	8.0
138	15.2	13.4	20.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.40 ng

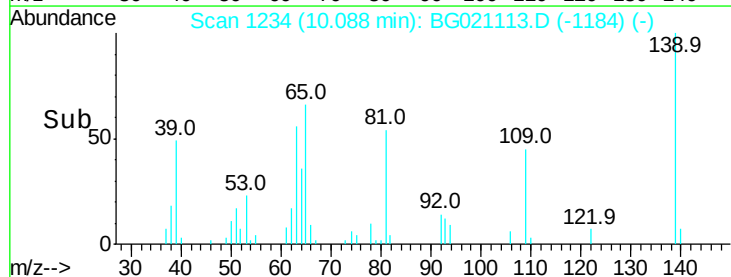
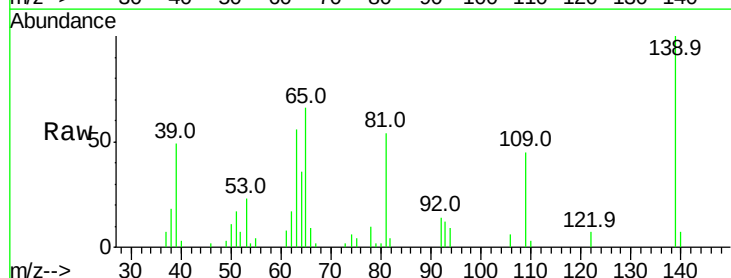
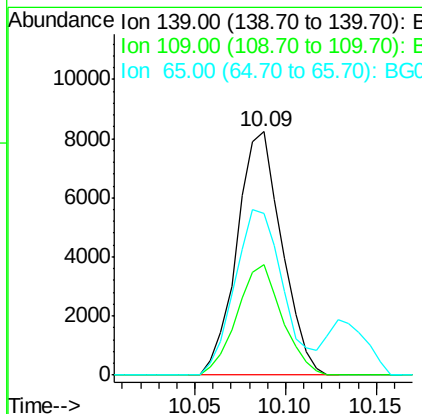
RT: 10.09 min Scan# 1234

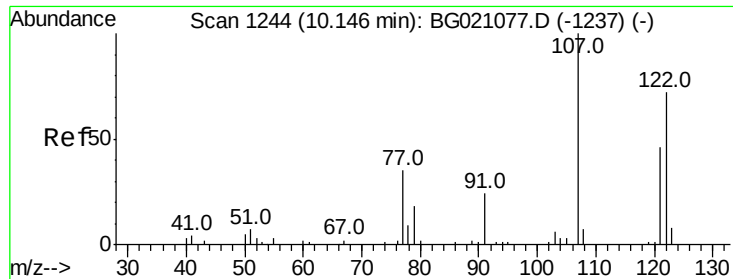
Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Tgt Ion:	139	Resp:	14133
Ion Ratio	Lower	Upper	
139	100		
109	45.4	21.4	32.0#
65	66.5	37.8	56.8#





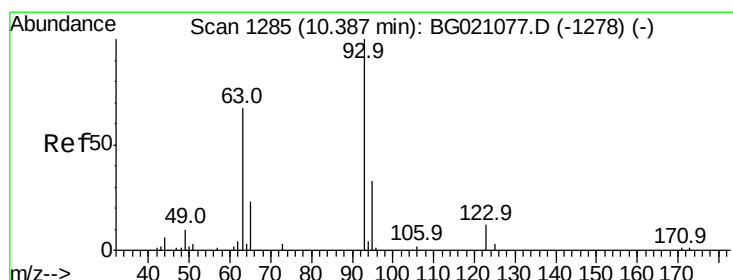
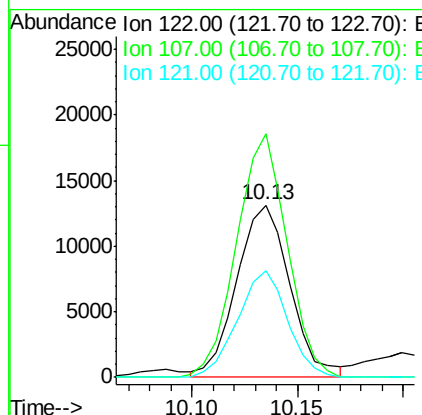
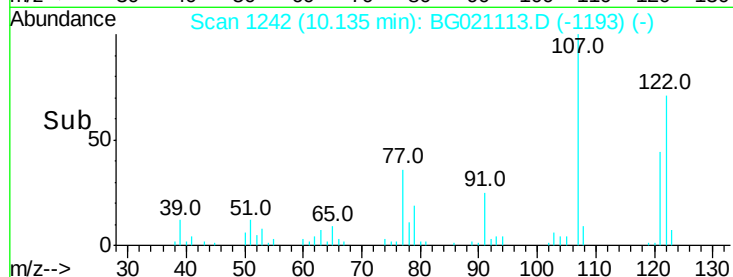
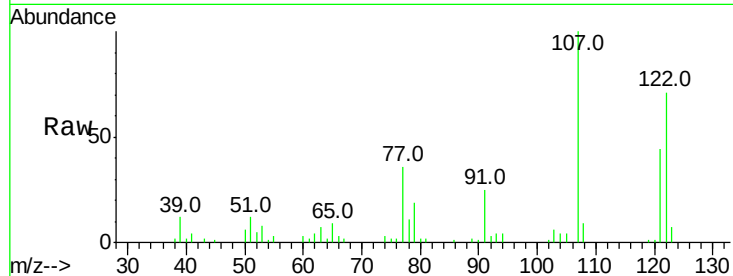
#27
 2,4-Dimethylphenol
 Concen: 43.72 ng
 RT: 10.13 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	22994		
107	141.5	94.1	141.1#	
121	61.9	45.9	68.9	

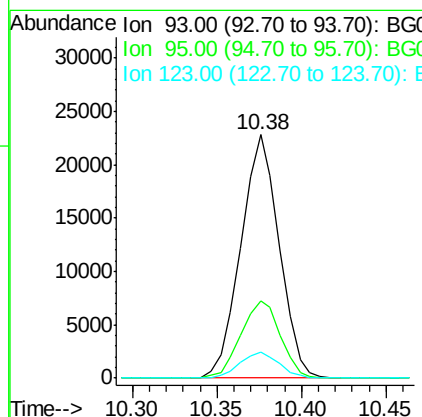
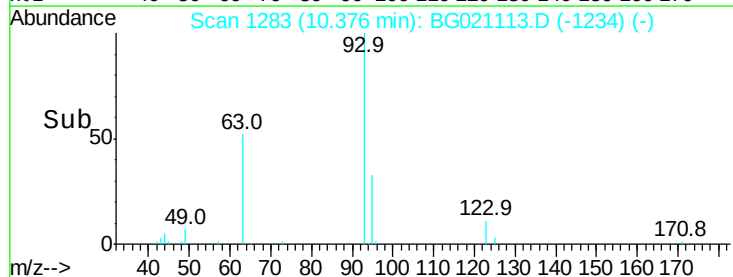
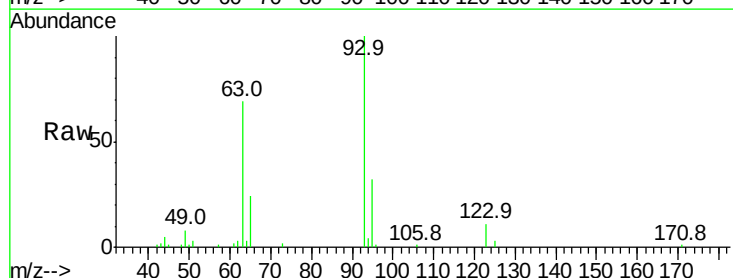
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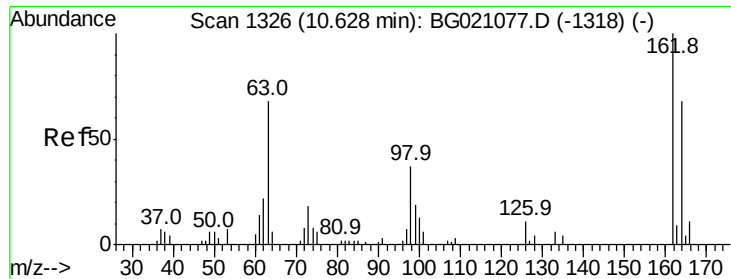
Sohil
 2/29/2016 12:38:57 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 57.64 ng
 RT: 10.38 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	35943		
95	31.5	24.2	36.2	
123	10.5	9.0	13.6	





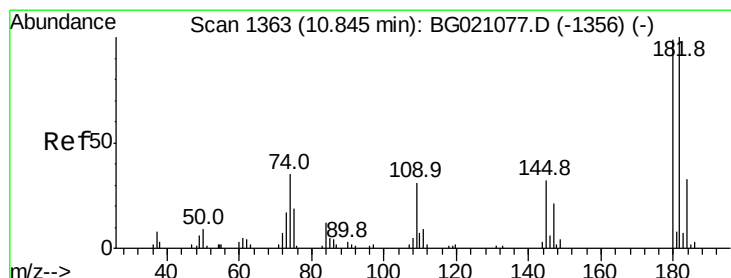
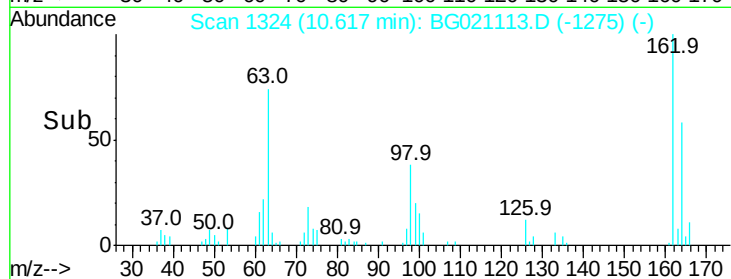
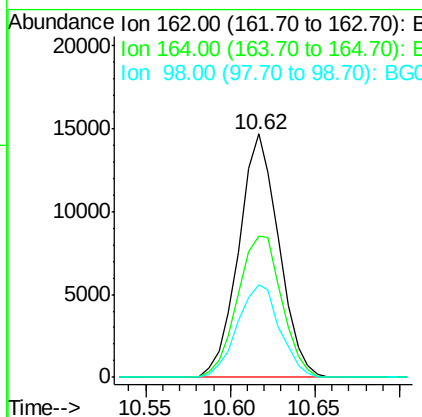
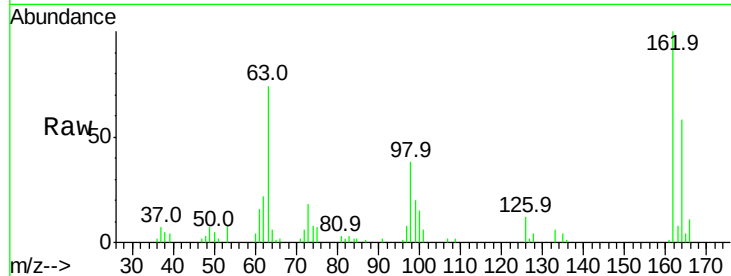
#29
 2,4-Dichlorophenol
 Concen: 46.99 ng
 RT: 10.62 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	58.0	43.7	83.7
98	37.9	18.3	58.3

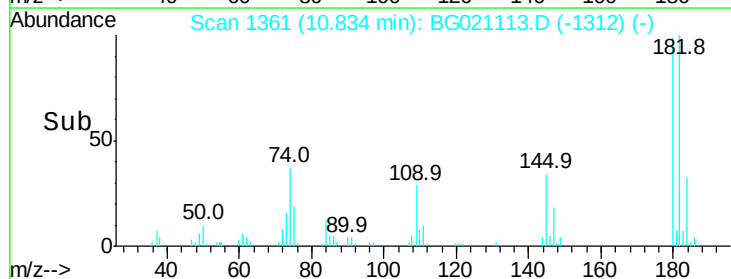
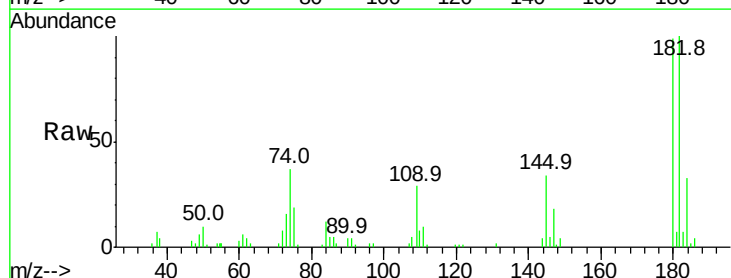
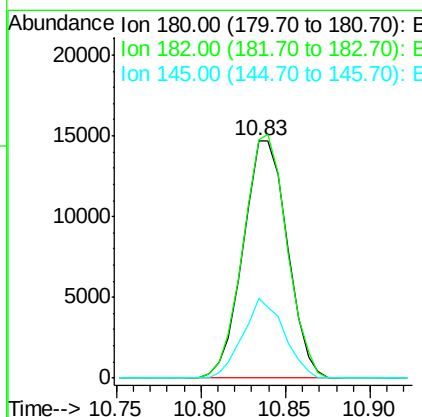
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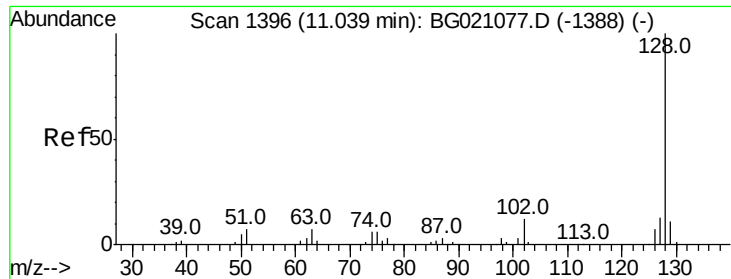
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.80 ng
 RT: 10.83 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	100.7	77.4	116.0
145	33.9	25.7	38.5





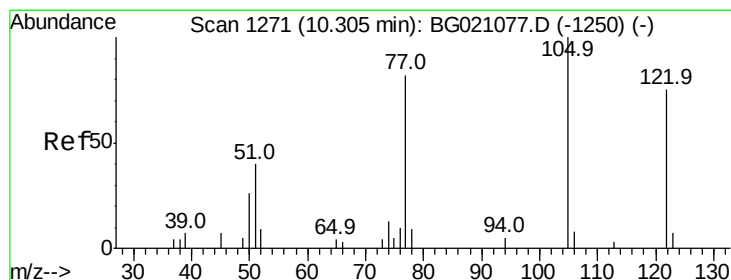
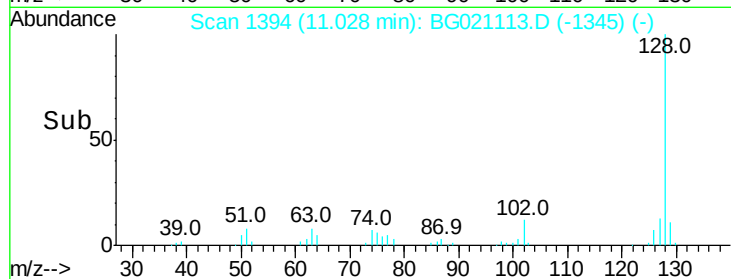
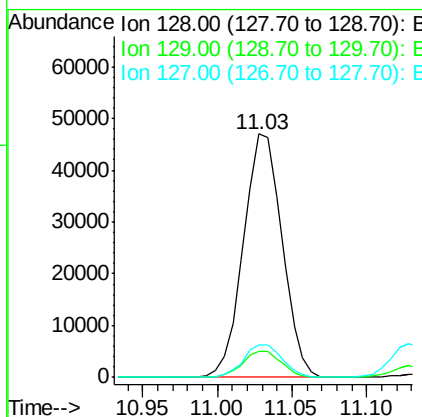
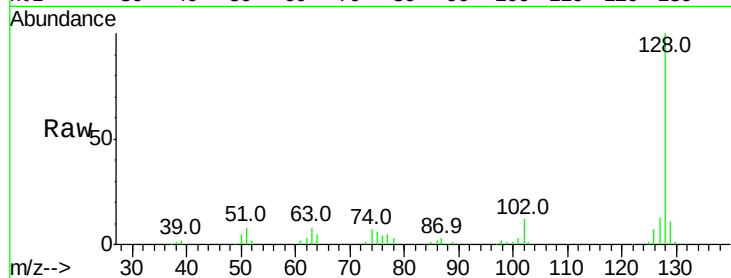
#31
Naphthalene
Concen: 50.49 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	13.1	10.8	16.2

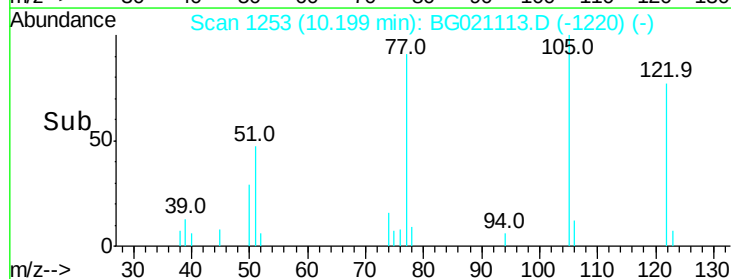
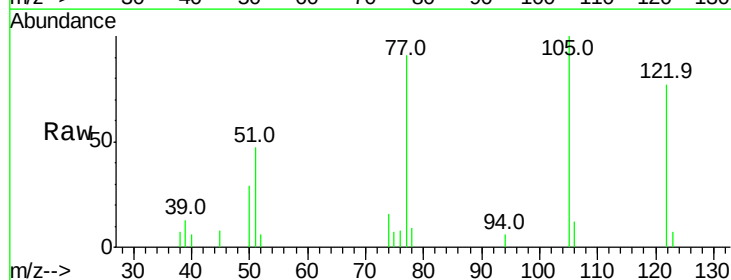
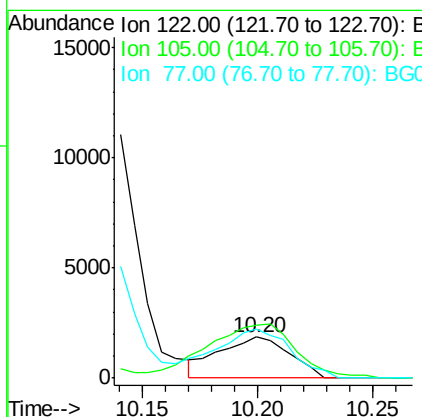
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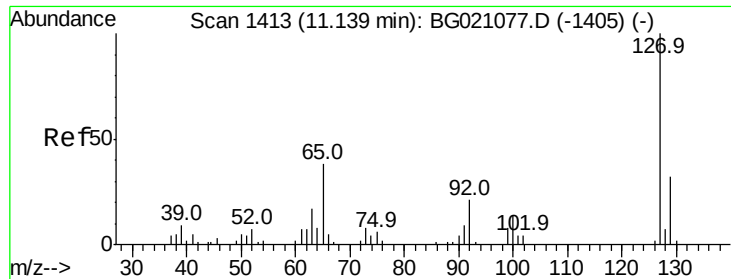
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#32
Benzoic acid
Concen: 8.20 ng
RT: 10.20 min Scan# 1253
Delta R.T. -0.11 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.2	98.7	138.7
77	118.5	84.5	124.5





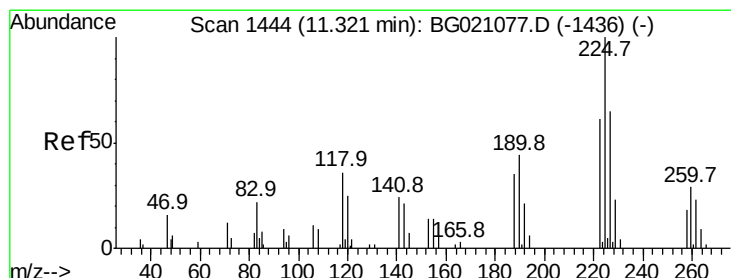
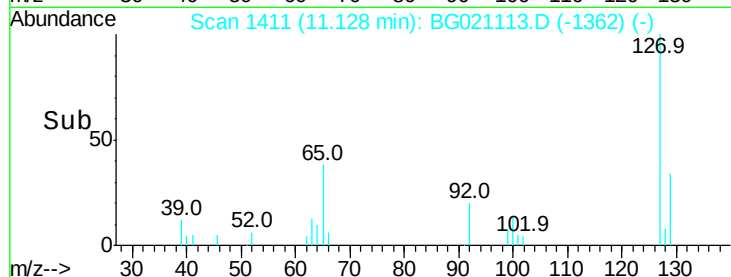
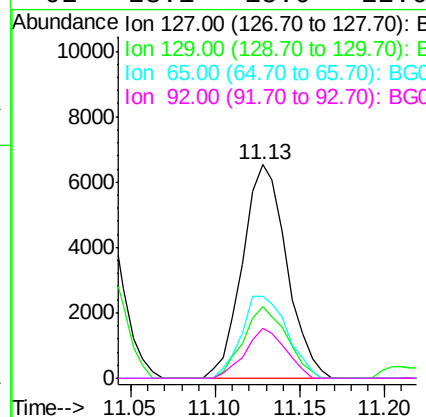
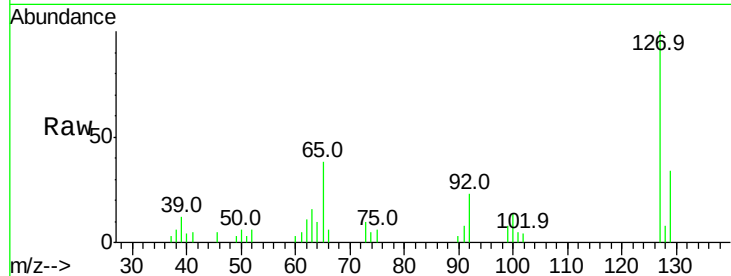
#33
 4-Chloroaniline
 Concen: 16.99 ng
 RT: 11.13 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.7	26.2	39.2	
65	38.1	22.9	34.3	
92	23.1	15.0	22.6	

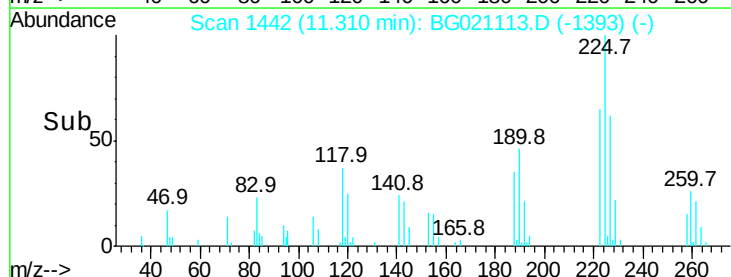
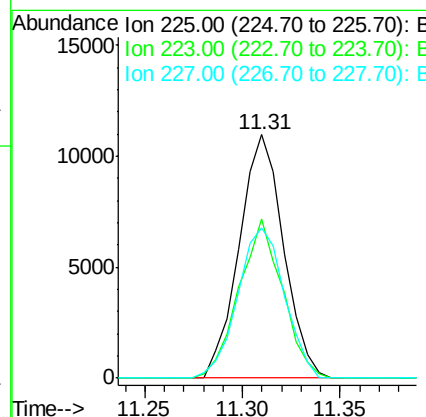
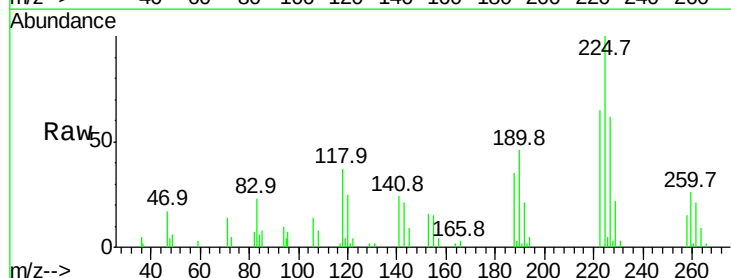
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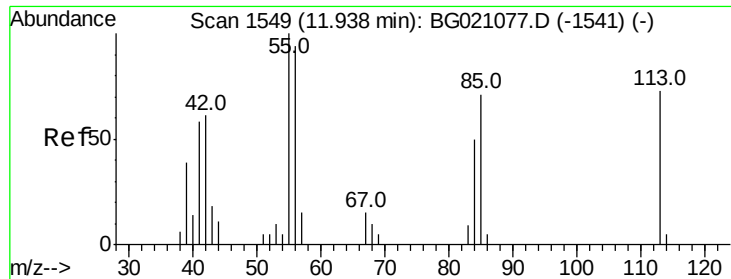
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#34
 Hexachlorobutadiene
 Concen: 44.22 ng
 RT: 11.31 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	54.6	82.0	
227	61.7	54.6	81.8	





#35

Caprolactam

Concen: 4.95 ng/ml

RT: 11.90 min Scan# 1543

Delta R.T. -0.03 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

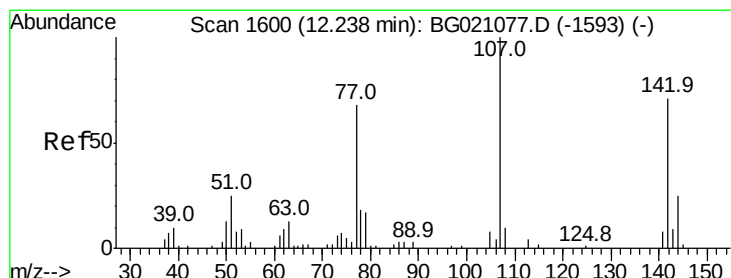
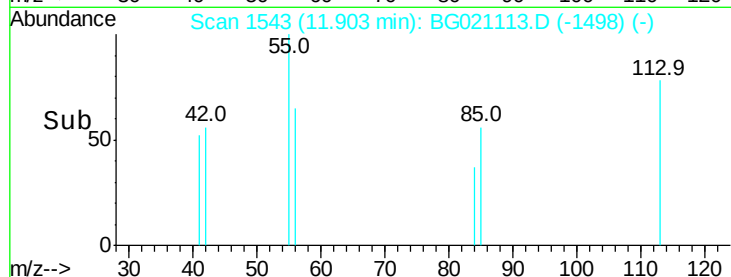
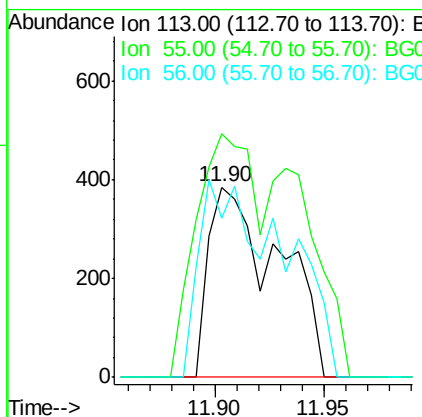
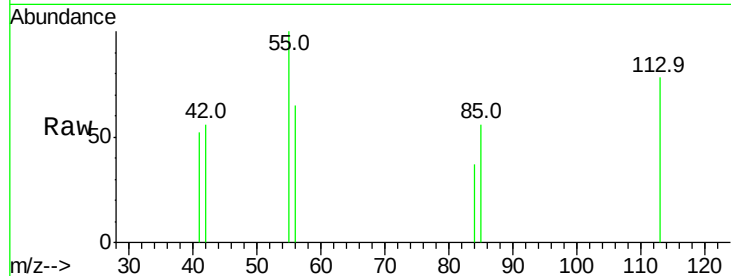
ClientSampleId :

CEB-3-20160224MSD

Tot Ion:	113	Resp:	861
Ion Ratio	Lower	Upper	
113	100		
55	128.1	155.2	195.2#
56	83.4	94.0	134.0#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 45.08 ng/ml

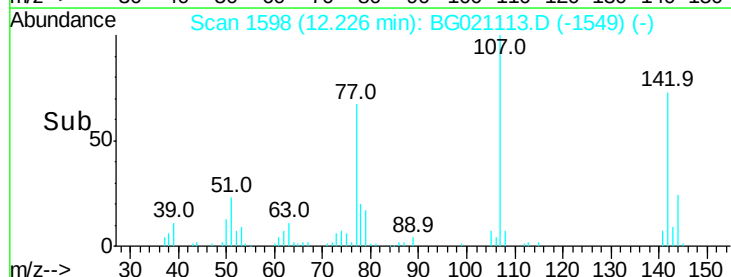
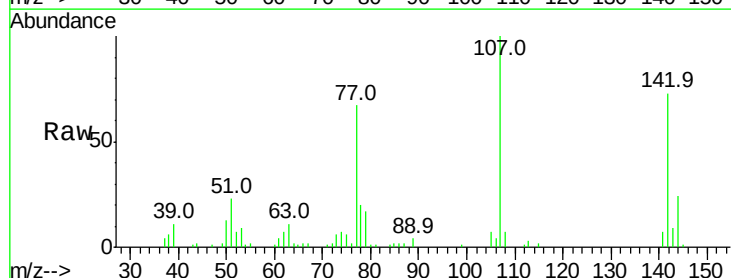
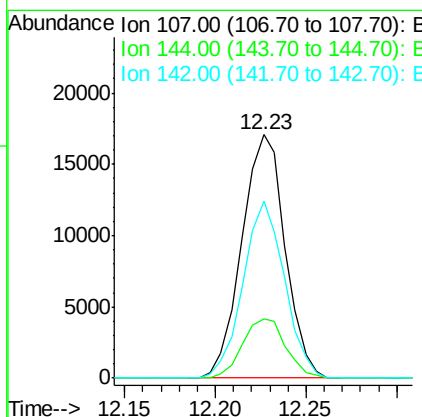
RT: 12.23 min Scan# 1598

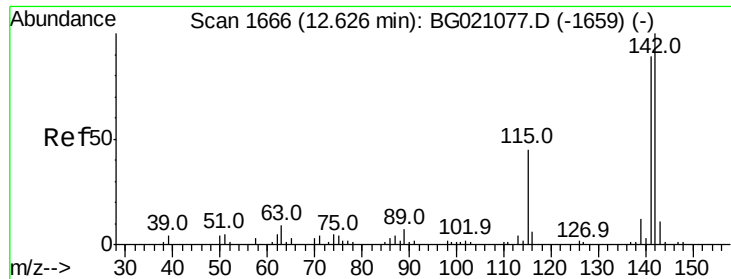
Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Tgt Ion:	107	Resp:	28455
Ion Ratio	Lower	Upper	
107	100		
144	24.2	21.8	32.8
142	72.6	65.6	98.4





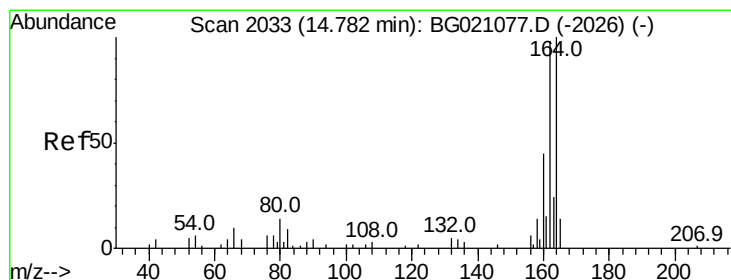
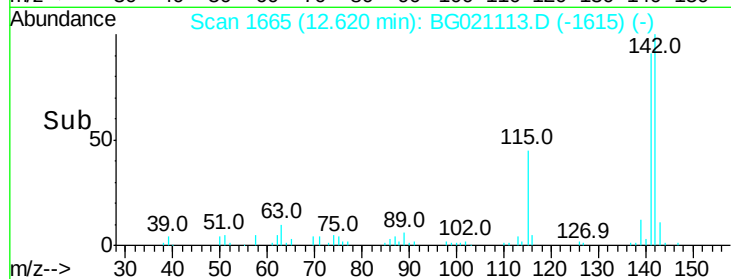
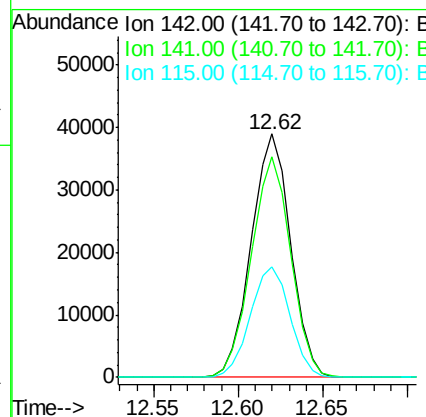
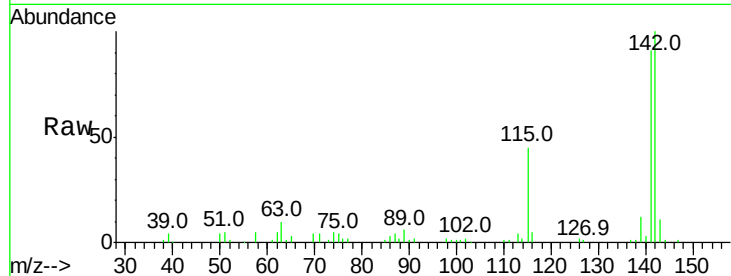
#37
 2-Methylnaphthalene
 Concen: 53.69 ng
 RT: 12.62 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Instrument :
 BNA_G
 ClientSampleID :
 CEB-3-20160224MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.7	107.5
115	45.2	26.2	39.4

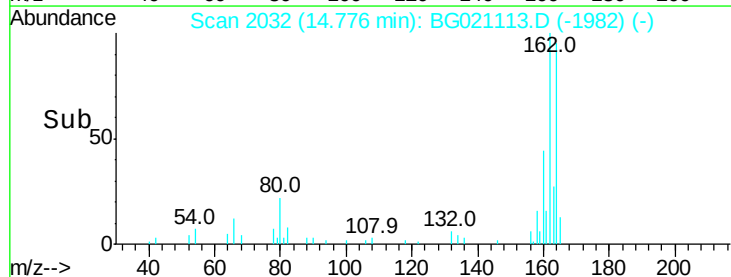
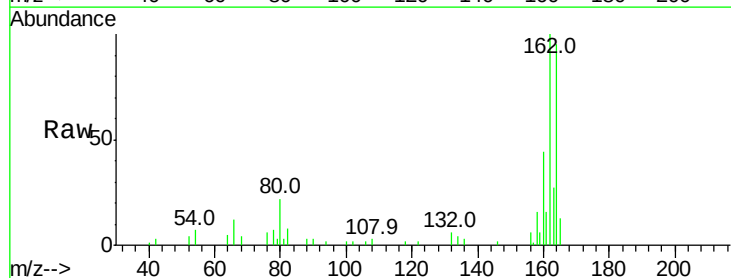
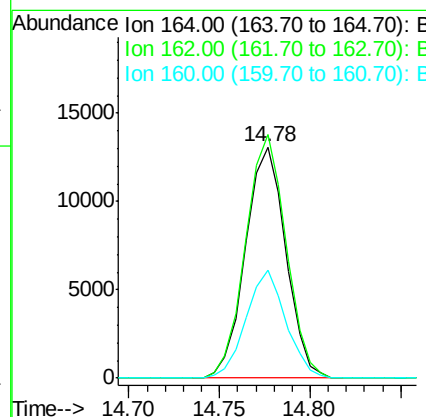
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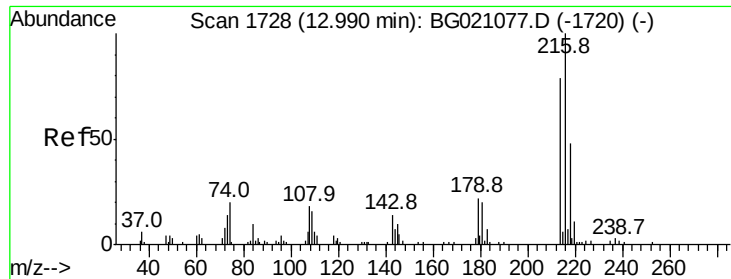
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	80.6	120.8
160	46.8	36.5	54.7





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.63 ng

RT: 12.98 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BG021113.D

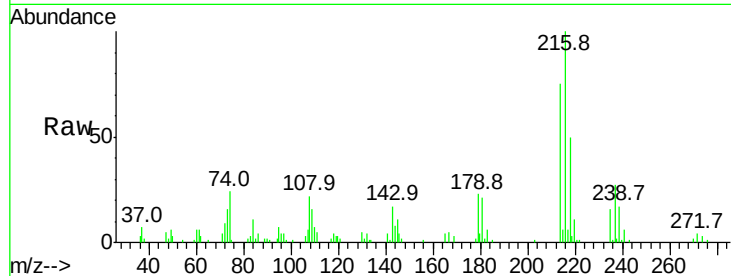
Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

ClientSampleId :

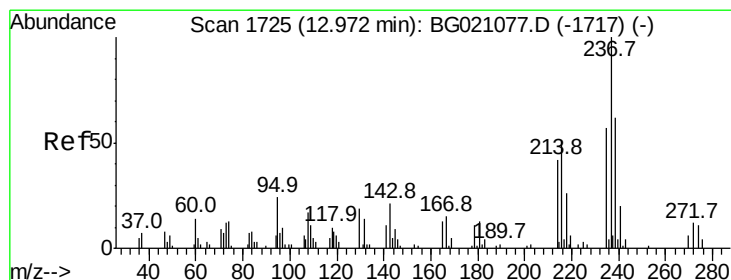
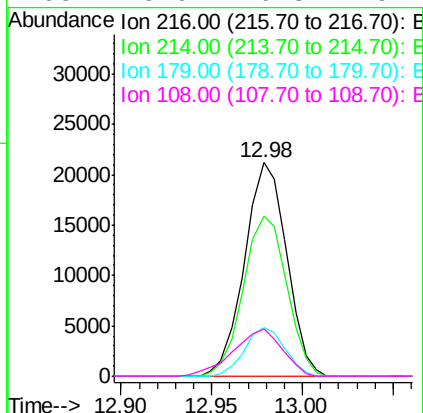
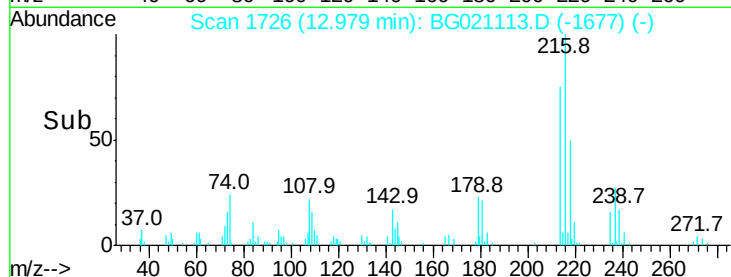
CEB-3-20160224MSD



Tot Ion	Ratio	Lower	Upper
216	100		
214	77.6	63.5	95.3
179	21.7	17.4	26.0
108	25.9	16.8	25.2#

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#40

Hexachlorocyclopentadiene

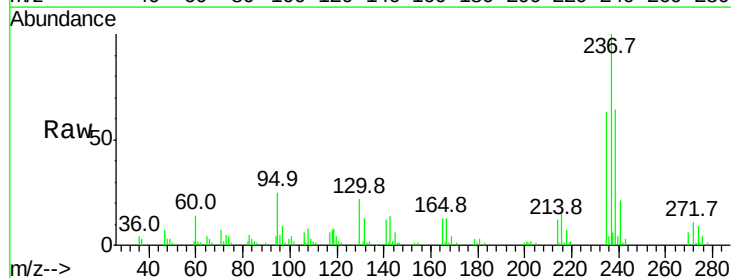
Concen: 96.76 ng

RT: 12.96 min Scan# 1723

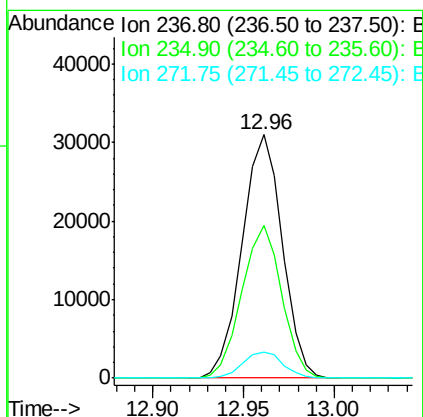
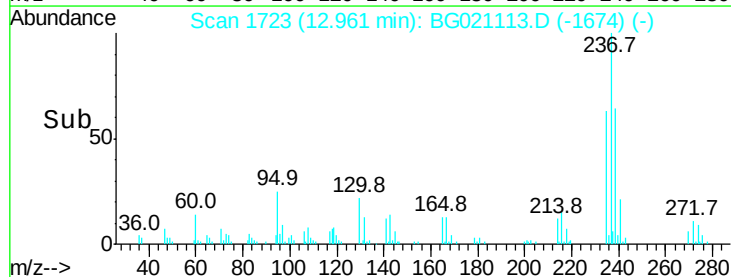
Delta R.T. -0.01 min

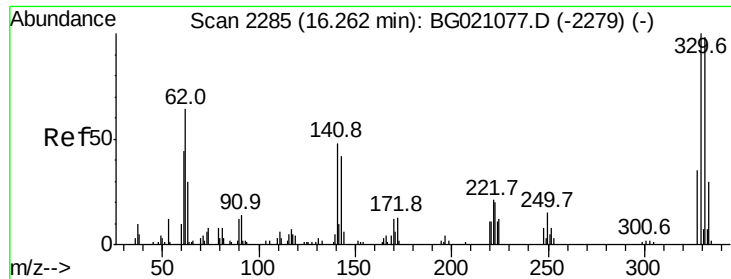
Lab File: BG021113.D

Acq: 27 Feb 2016 13:48



Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.9	82.9
272	10.7	0.0	32.3





#41

2,4,6-Tribromophenol

Concen: 137.80 ng

RT: 16.26 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

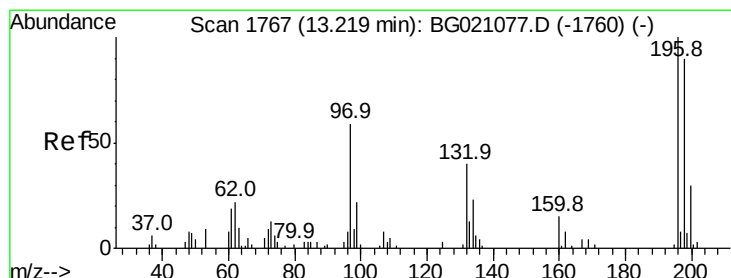
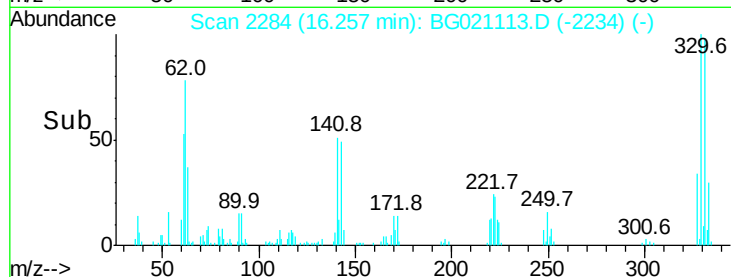
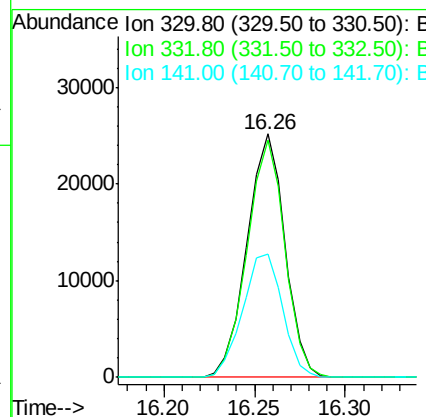
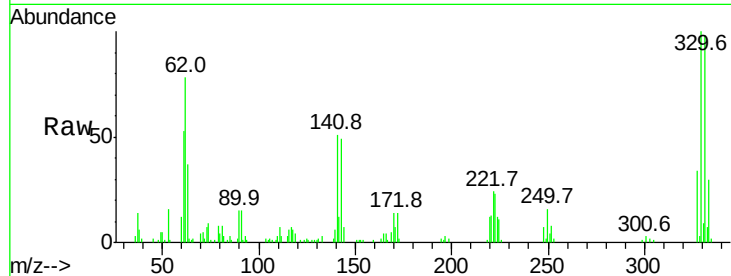
ClientSampleId :

CEB-3-20160224MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	77.4	116.0	
141	53.4	35.3	52.9	

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#42

2,4,6-Trichlorophenol

Concen: 50.09 ng

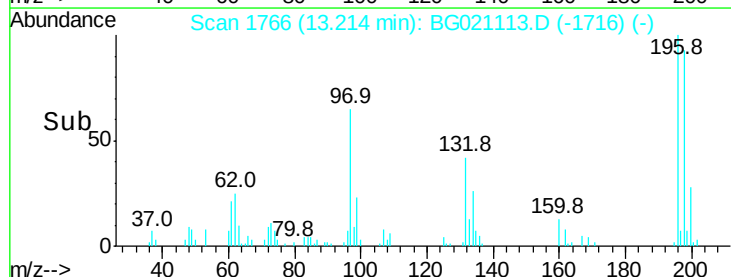
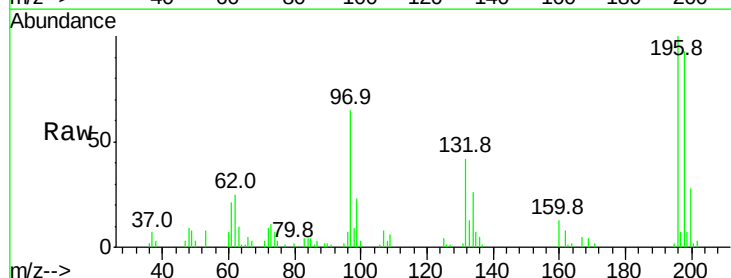
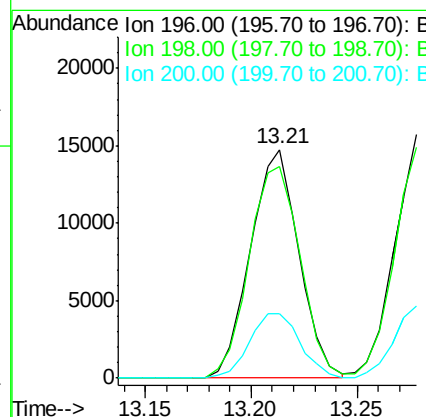
RT: 13.21 min Scan# 1766

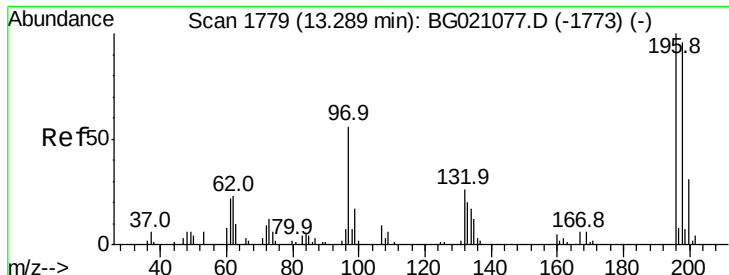
Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.5	75.8	113.8	
200	30.7	23.8	35.8	





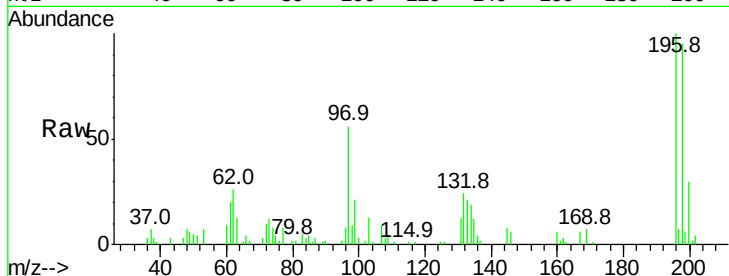
#43
 2,4,5-Trichlorophenol
 Concen: 53.20 ng
 RT: 13.28 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

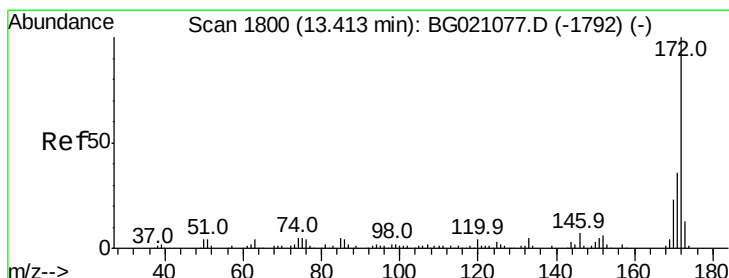
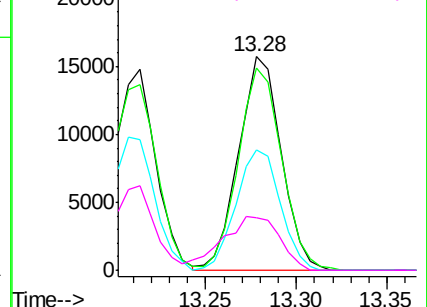
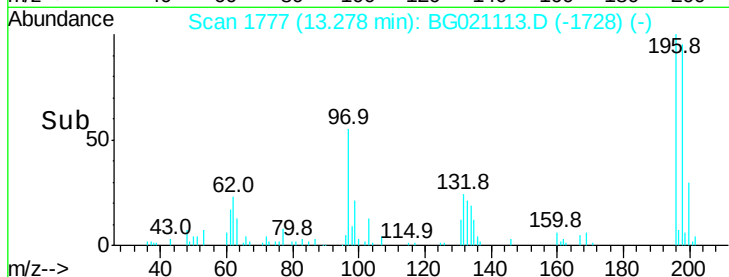
Tot Ion	196	Resp	25627
Ion Ratio	Lower	Upper	
196	100		
198	95.0	80.2	120.4
97	56.4	42.9	64.3
132	24.4	25.5	38.3#

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 2/29/2016 12:38:57 PM

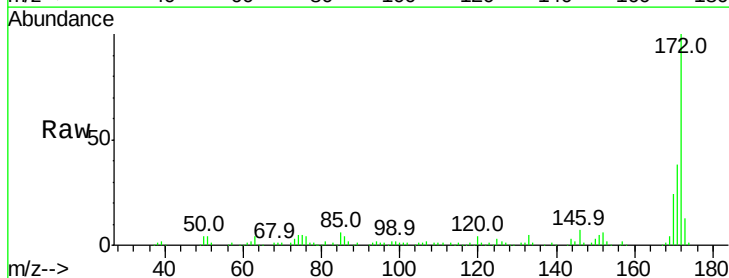


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

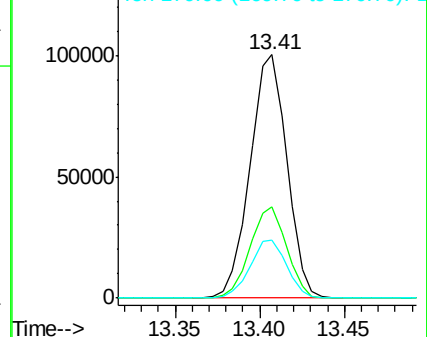
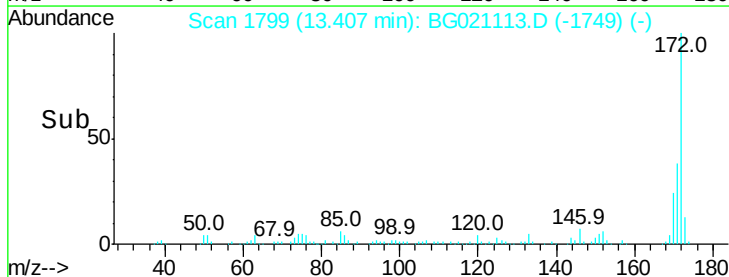


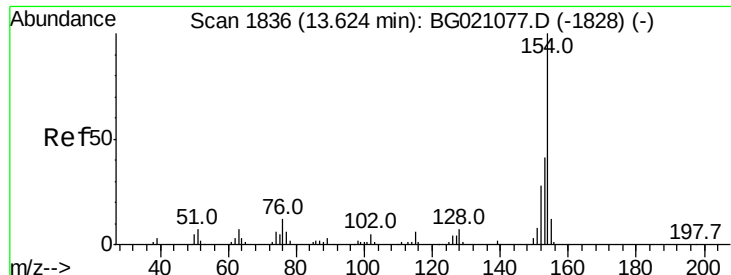
#44
 2-Fluorobiphenyl
 Concen: 96.23 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion	172	Resp	152144
Ion Ratio	Lower	Upper	
172	100		
171	37.6	29.4	44.0
170	23.9	19.8	29.8



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: 48.42 ng

RT: 13.61 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

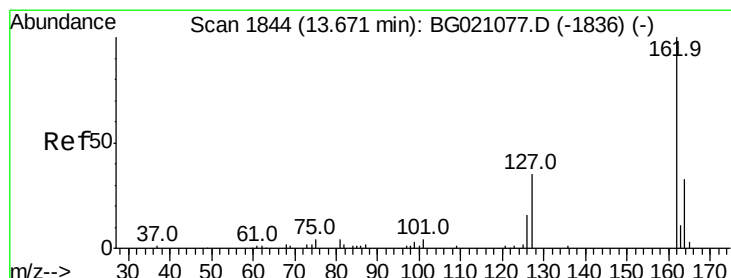
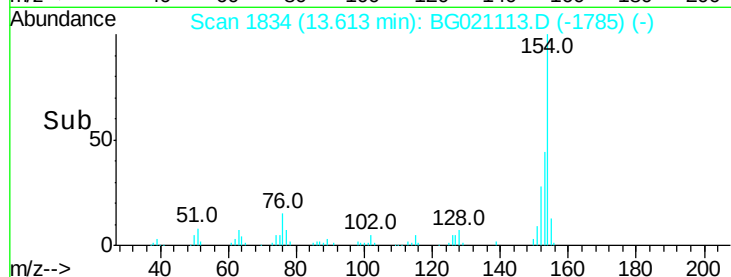
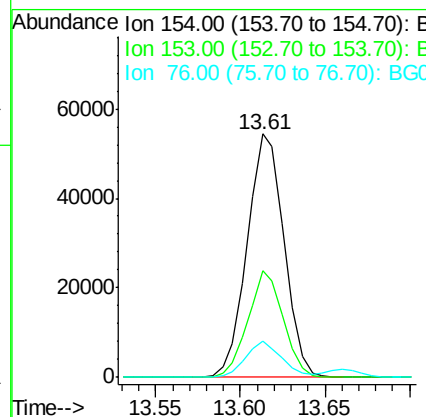
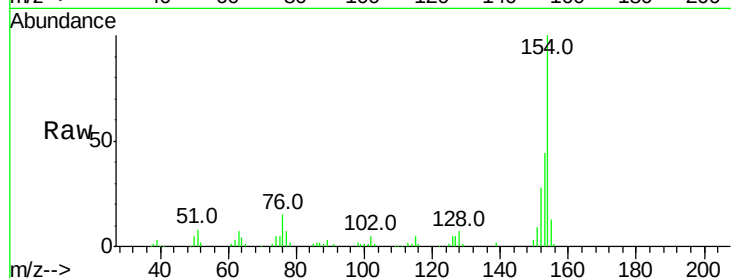
ClientSampleId :

CEB-3-20160224MSD

Tot Ion:	154	Resp:	82503
Ion Ratio	Lower	Upper	
154	100		
153	43.7	19.8	59.8
76	15.0	0.0	33.6

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2/29/2016 12:38:57 PM



#46

2-Chloronaphthalene

Concen: 50.32 ng

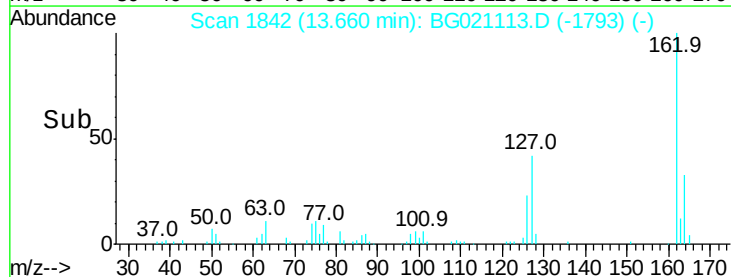
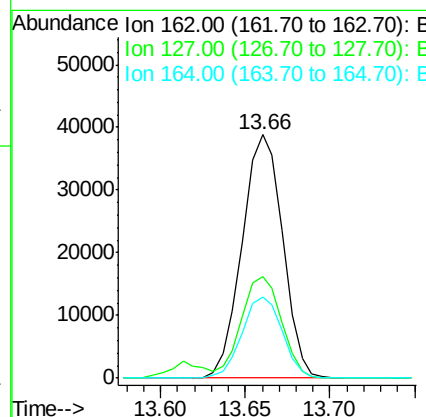
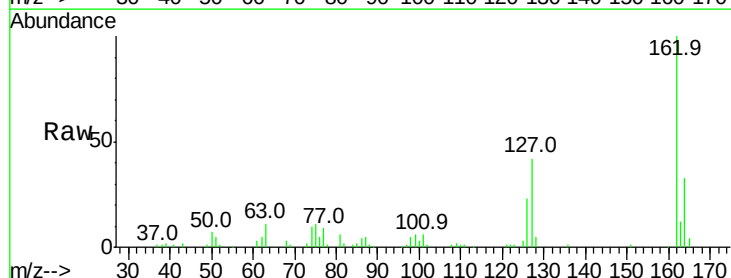
RT: 13.66 min Scan# 1842

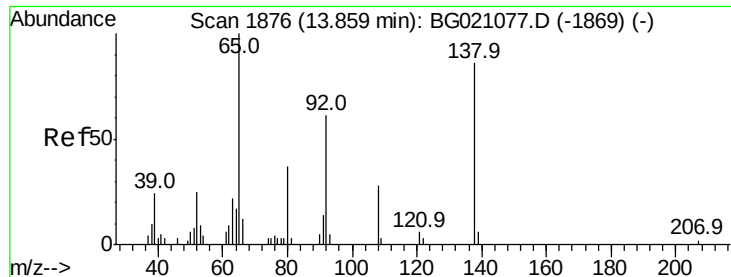
Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Tgt Ion:	162	Resp:	65048
Ion Ratio	Lower	Upper	
162	100		
127	41.6	31.8	47.8
164	33.2	26.3	39.5





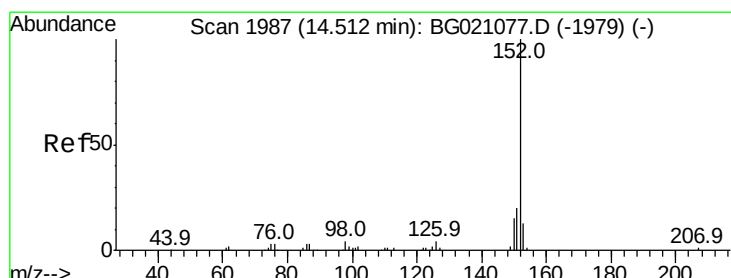
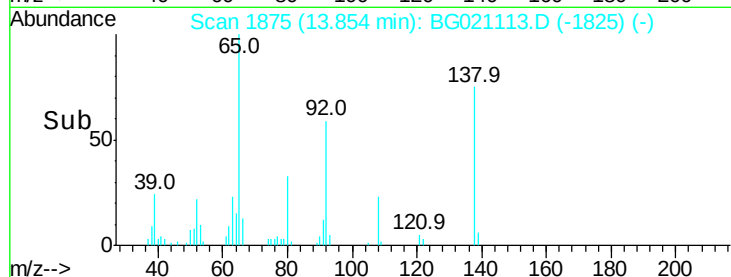
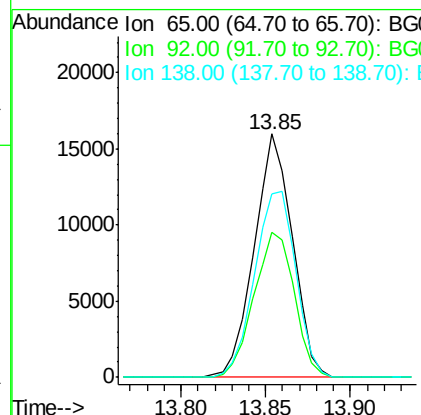
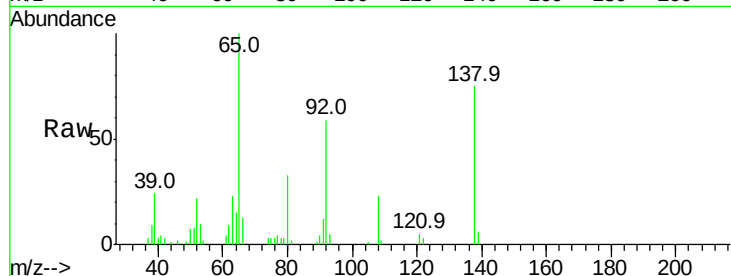
#47
2-Nitroaniline
Concen: 60.11 ng
RT: 13.85 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.3	54.6	82.0
138	75.5	94.9	142.3

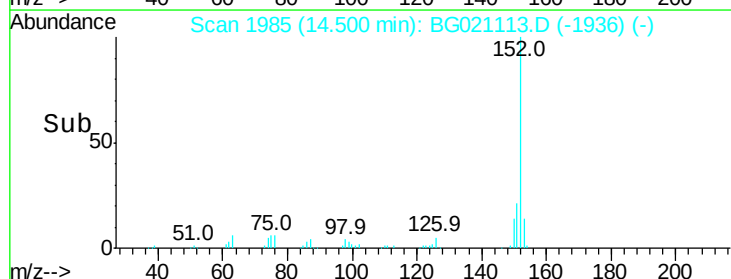
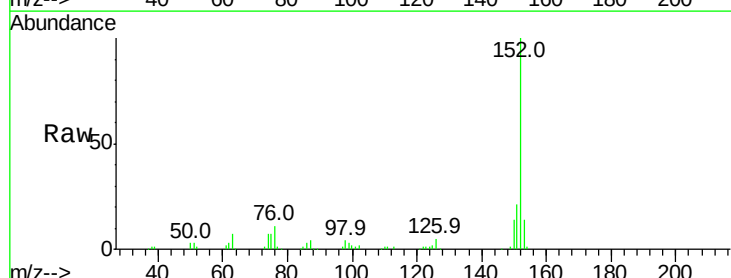
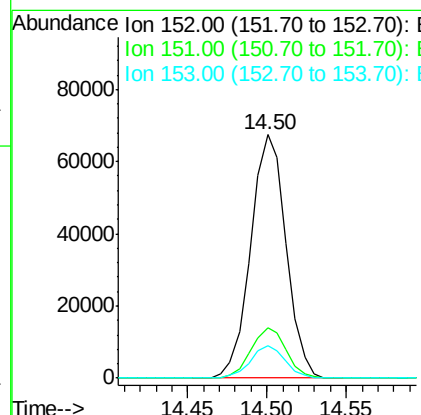
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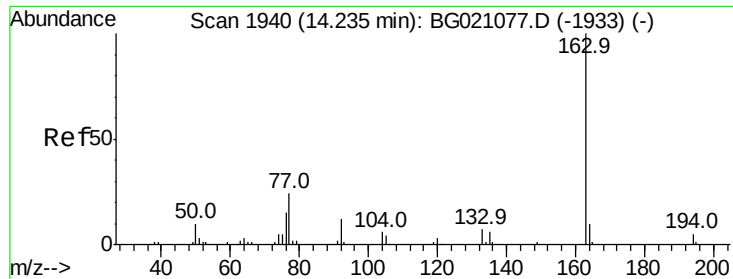
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#48
Acenaphthylene
Concen: 50.99 ng
RT: 14.50 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.9	23.9
153	13.5	10.2	15.2





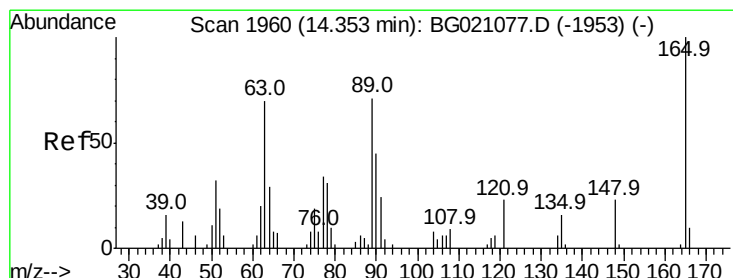
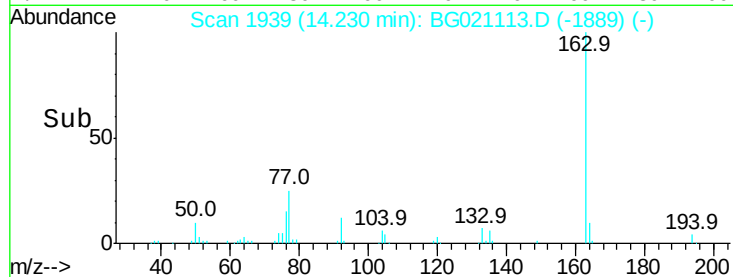
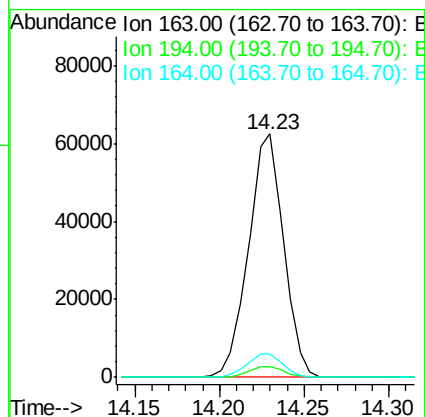
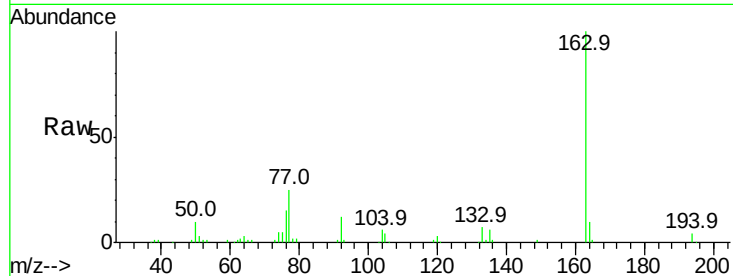
#49
Dimethylphthalate
Concen: 51.88 ng
RT: 14.23 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.3	2.8	4.2#
164	9.5	7.9	11.9

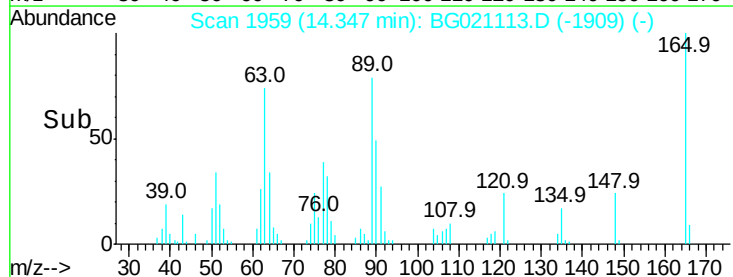
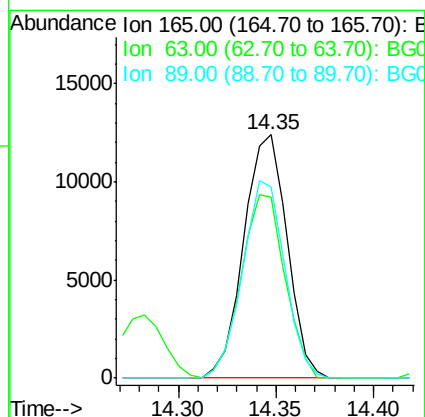
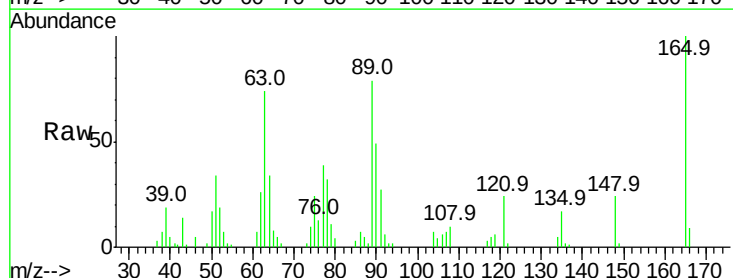
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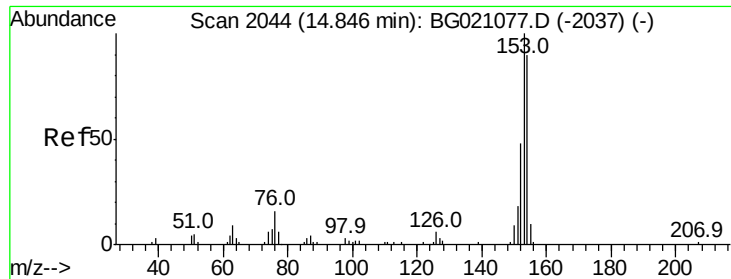
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2/29/2016 12:38:57 PM



#50
2,6-Dinitrotoluene
Concen: 53.15 ng
RT: 14.35 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	74.3	42.1	63.1#
89	78.5	46.1	69.1#





#51

Acenaphthene

Concen: 47.69 ng

RT: 14.84 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

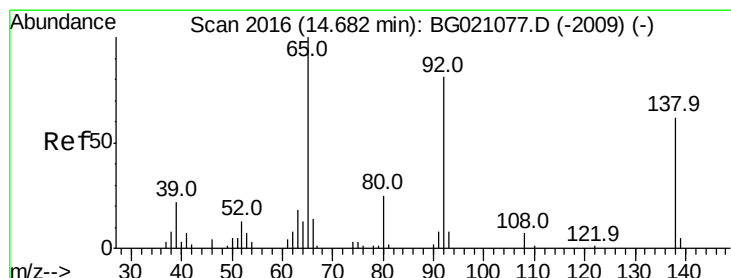
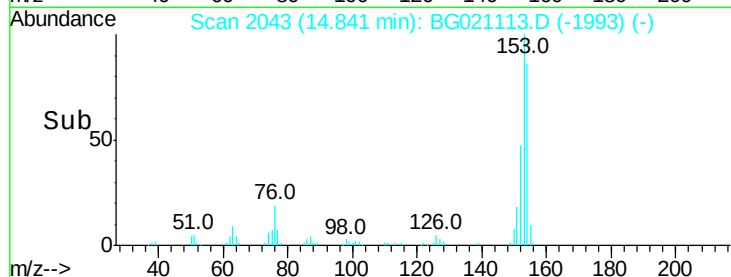
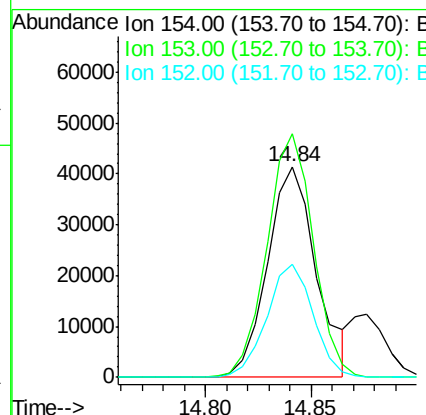
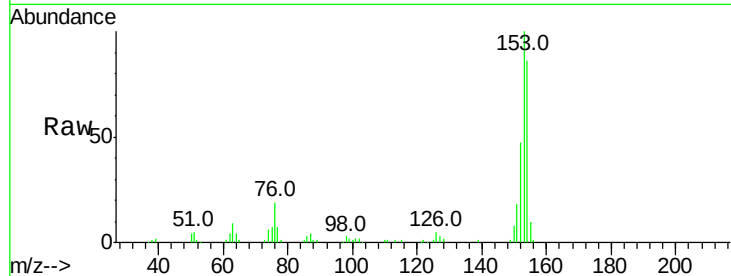
ClientSampleId :

CEB-3-20160224MSD

Tot Ion:	154	Resp:	66533
Ion Ratio	Lower	Upper	
154	100		
153	115.6	94.2	141.2
152	53.9	42.9	64.3

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2/29/2016 12:38:57 PM



#52

3-Nitroaniline

Concen: 23.99 ng

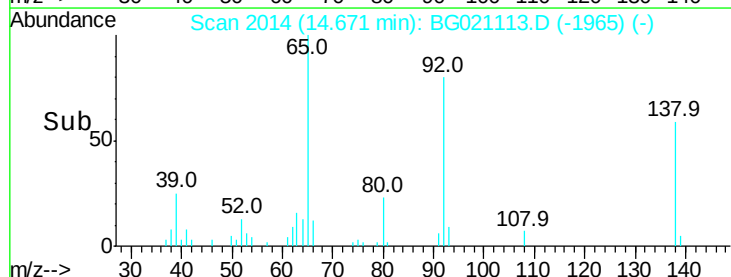
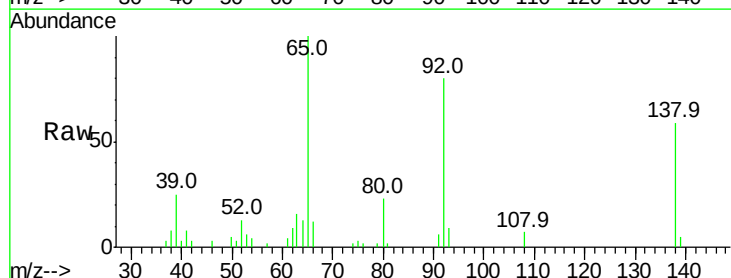
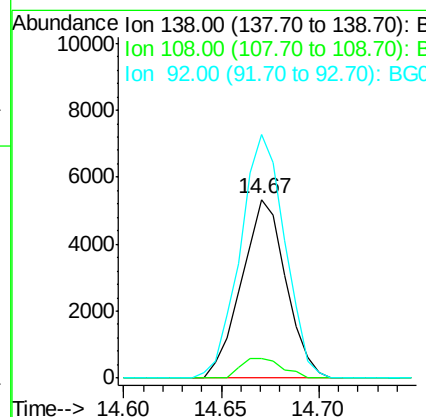
RT: 14.67 min Scan# 2014

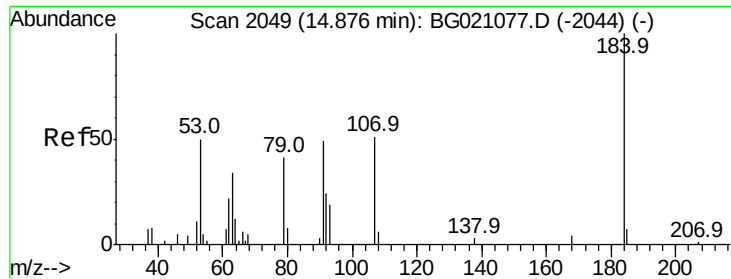
Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Tgt Ion:	138	Resp:	8373
Ion Ratio	Lower	Upper	
138	100		
108	11.3	5.8	8.6#
92	136.4	83.6	125.4#





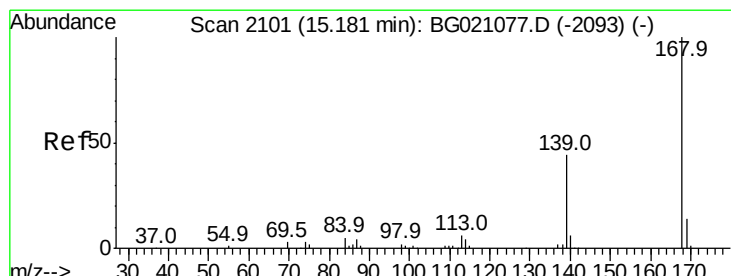
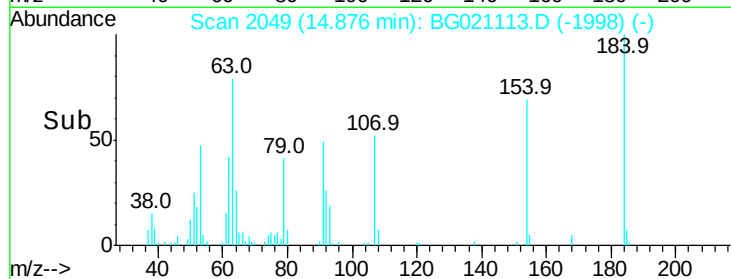
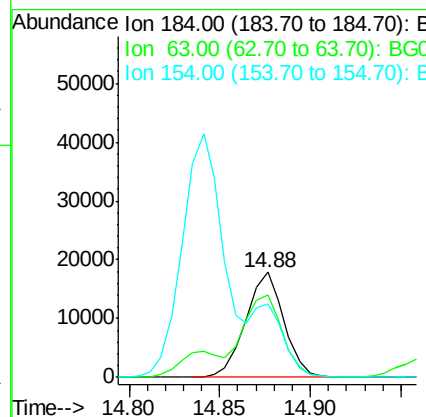
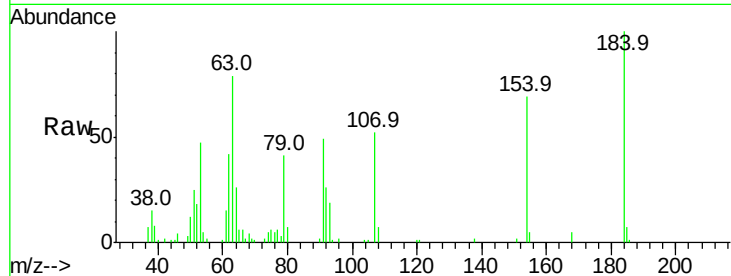
#53
2,4-Dinitrophenol
Concen: 103.72 ng
RT: 14.88 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Instrument :
BNA_G
ClientSampleID :
CEB-3-20160224MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	78.9	57.0	85.6	
154	69.4	51.3	76.9	

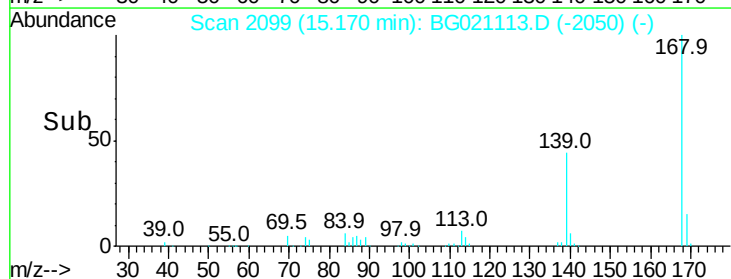
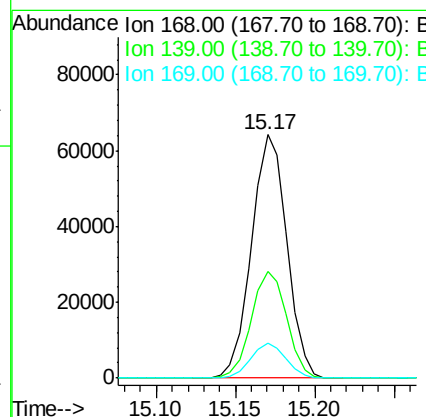
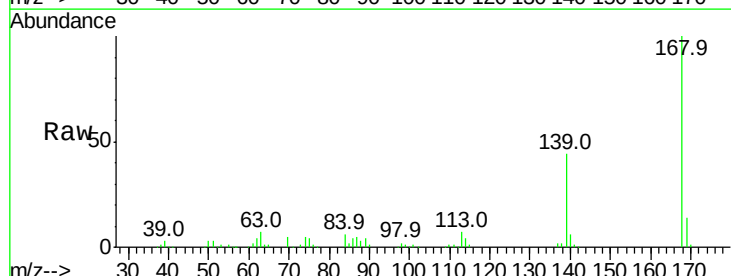
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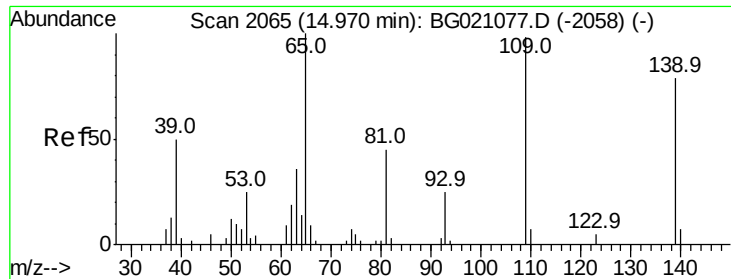
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#54
Dibenzofuran
Concen: 56.31 ng
RT: 15.17 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	44.0	29.8	44.8	
169	14.4	11.4	17.2	





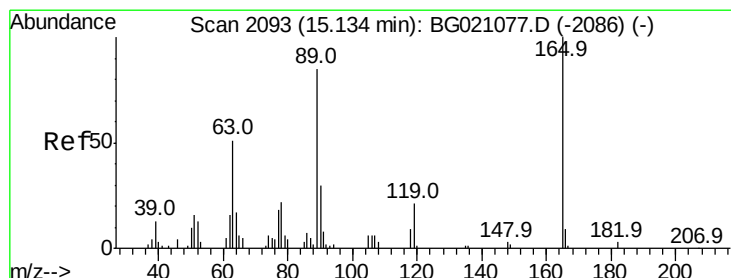
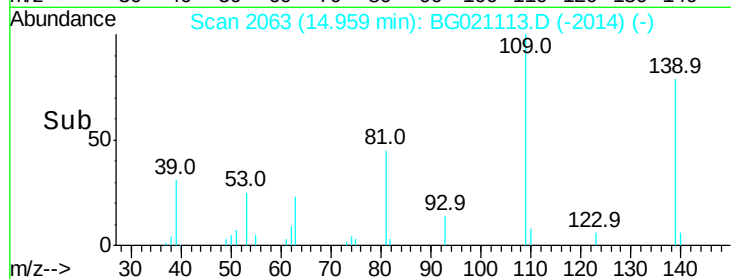
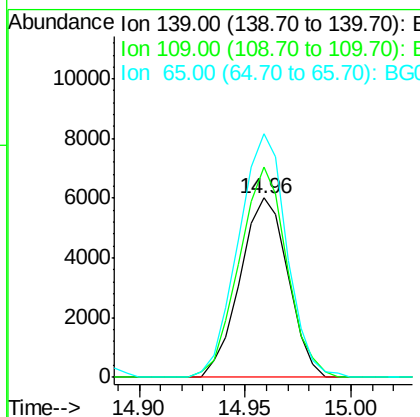
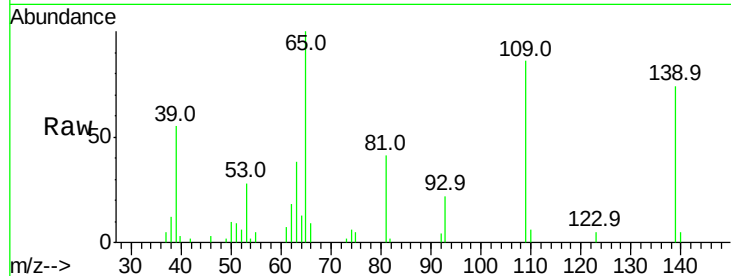
#55
4-Nitrophenol
Concen: 30.52 ng
RT: 14.96 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MSD

Tot Ion:139 Resp: 9450
Ion Ratio Lower Upper
139 100
109 117.3 54.1 94.1#
65 135.8 73.4 113.4#

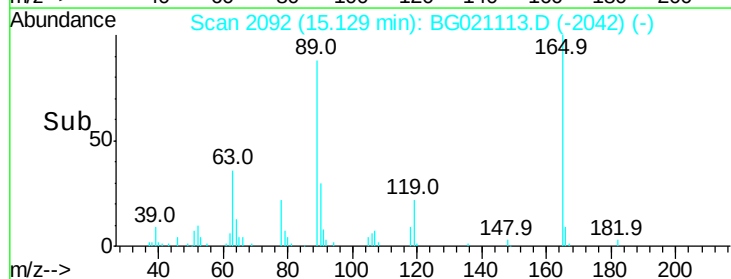
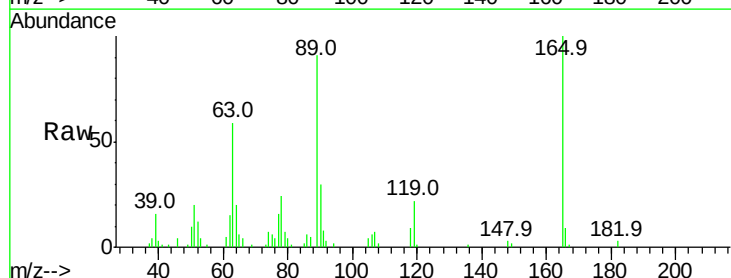
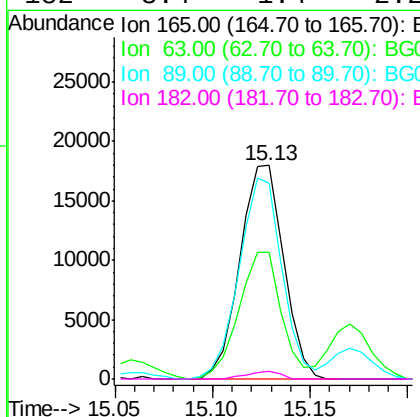
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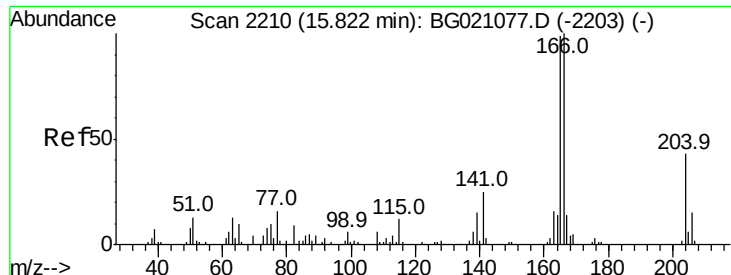
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#56
2,4-Dinitrotoluene
Concen: 54.24 ng
RT: 15.13 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Tgt Ion:165 Resp: 27903
Ion Ratio Lower Upper
165 100
63 59.1 34.1 51.1#
89 91.4 63.0 94.4
182 3.4 1.4 2.2#





#57

Fluorene

Concen: 50.66 ng

RT: 15.82 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

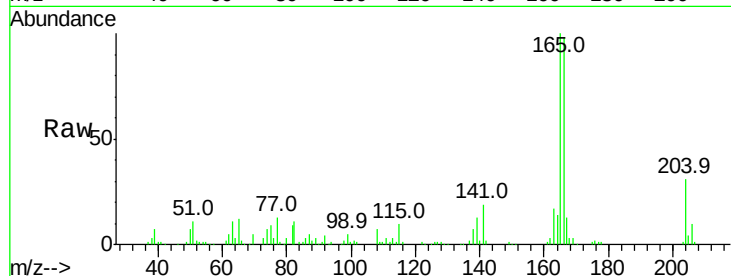
ClientSampleId :

CEB-3-20160224MSD

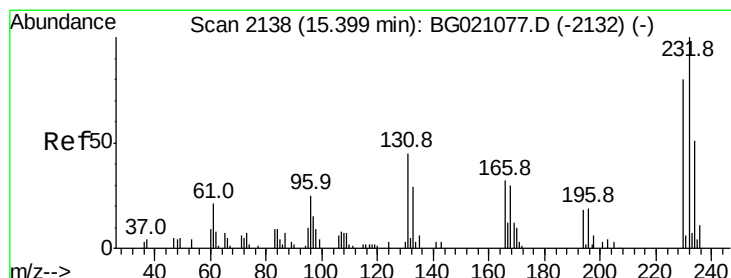
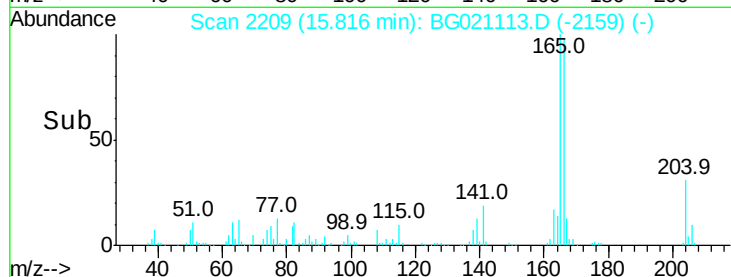
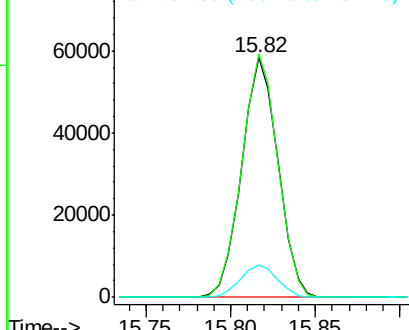
Tot Ion:	166	Resp:	87095
Ion Ratio	Lower	Upper	
166	100		
165	101.6	81.3	121.9
167	13.5	10.6	16.0

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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: 55.47 ng

RT: 15.39 min Scan# 2136

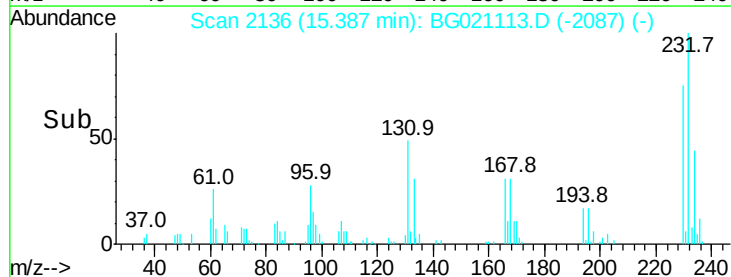
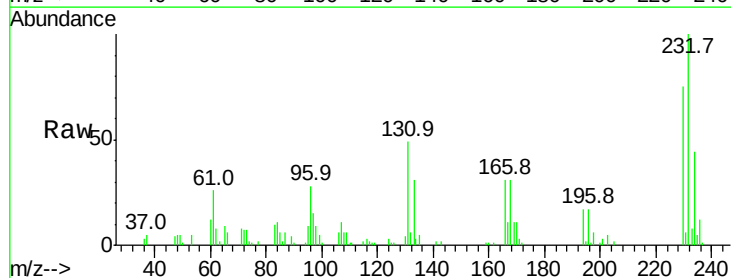
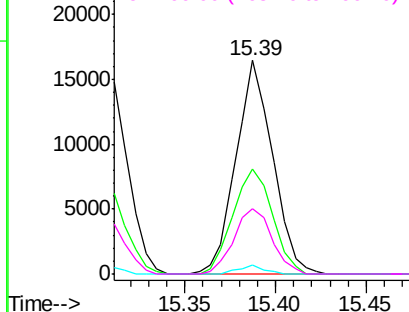
Delta R.T. -0.01 min

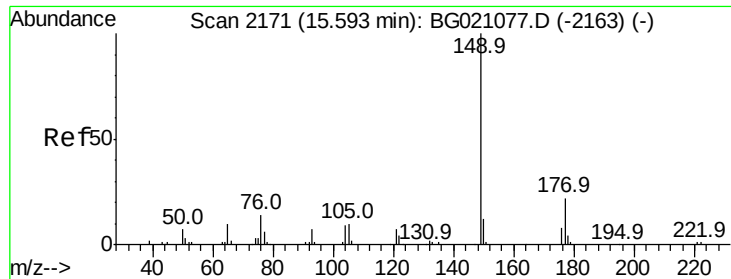
Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Tgt Ion:	232	Resp:	23227
Ion Ratio	Lower	Upper	
232	100		
131	52.6	41.4	62.2
130	2.9	1.8	2.8#
166	31.7	26.6	39.8

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





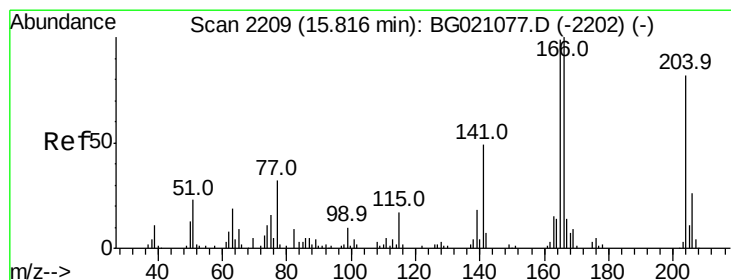
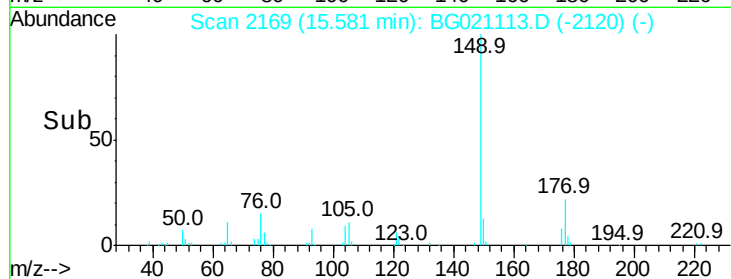
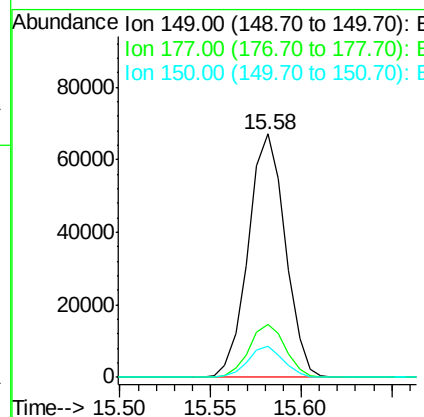
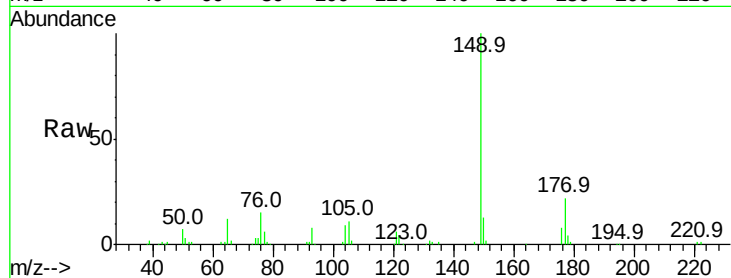
#59
Diethylphthalate
Concen: 51.78 ng
RT: 15.58 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.9	15.8	23.8
150	12.5	10.1	15.1

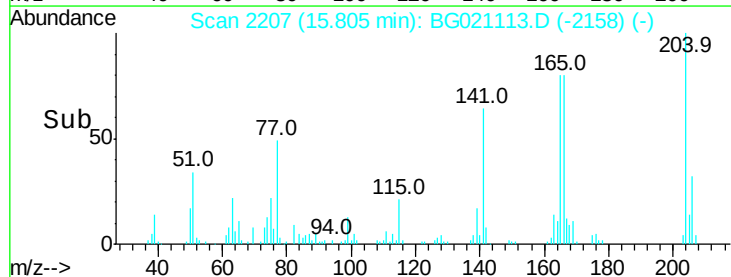
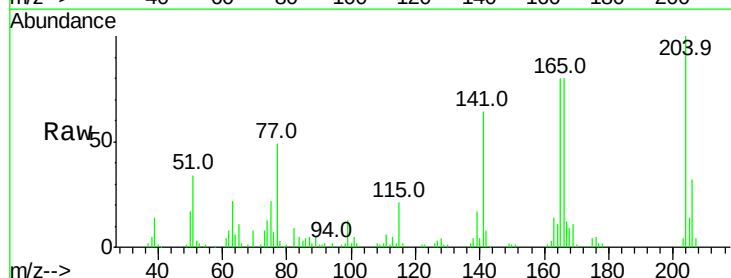
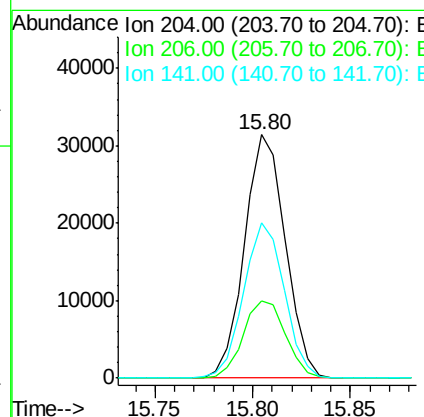
Manual Integrations
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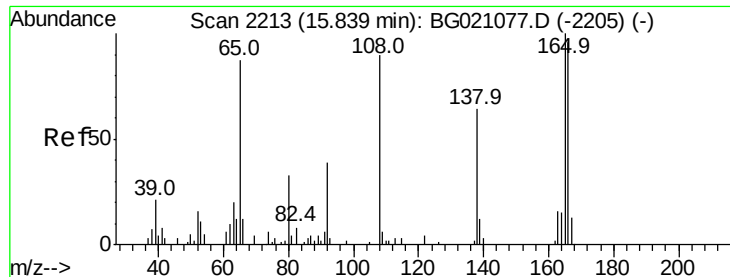
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 48.17 ng
RT: 15.80 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	31.6	26.9	40.3
141	63.6	50.8	76.2





#61

4-Nitroaniline

Concen: 44.43 ng

RT: 15.83 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

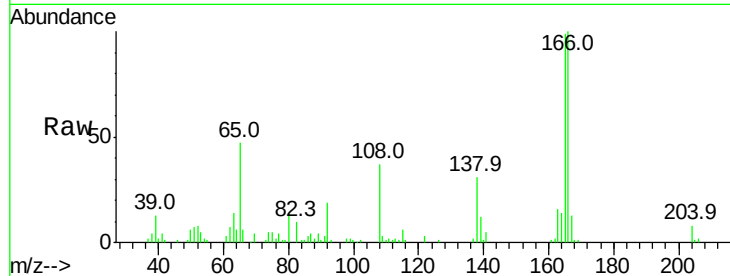
ClientSampleId :

CEB-3-20160224MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	60.9	28.0	68.0
108	120.7	52.6	92.6#

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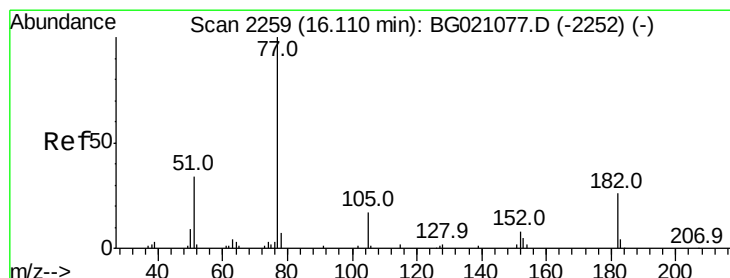
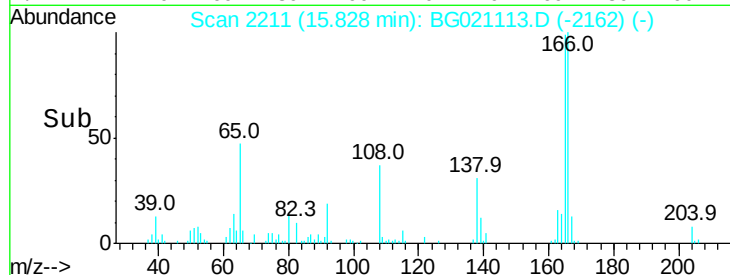
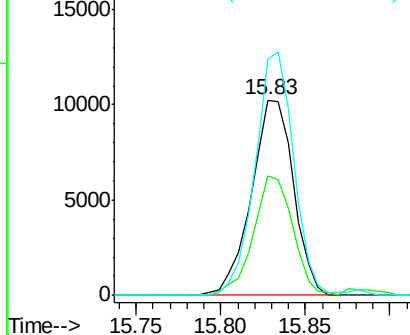
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 64.39 ng

RT: 16.10 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

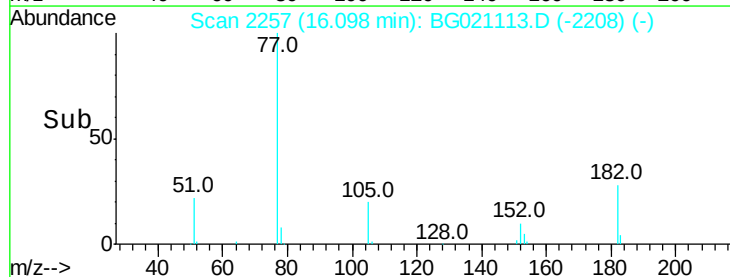
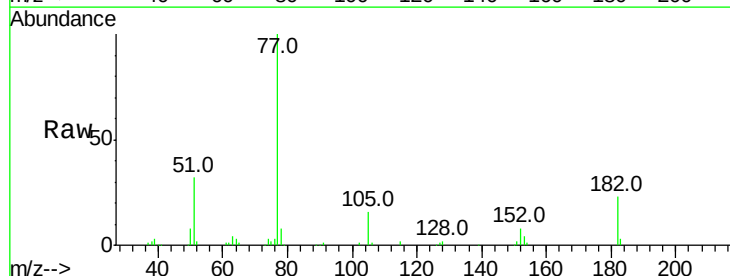
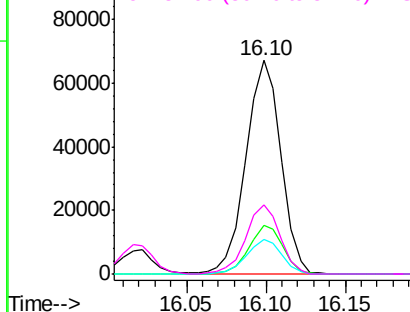
Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.8	0.7	40.7
105	16.4	0.0	38.3
51	32.3	4.4	44.4

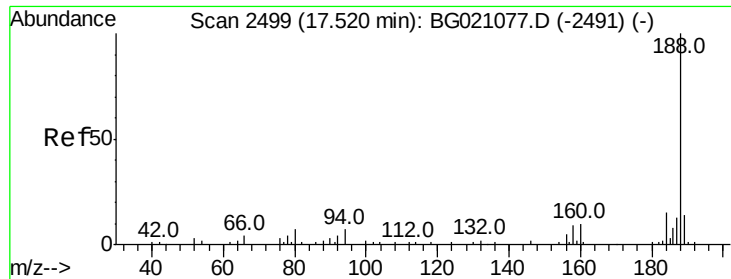
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





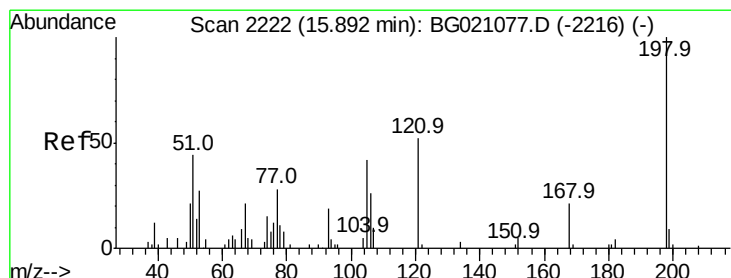
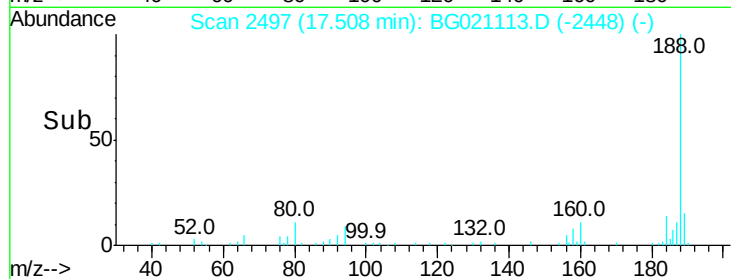
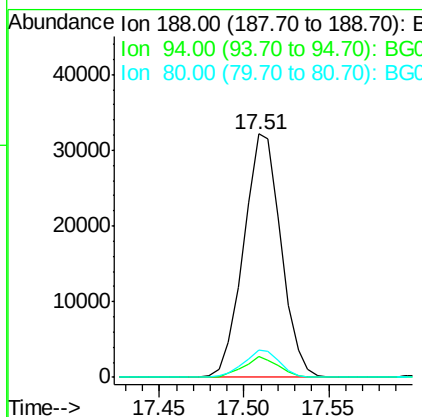
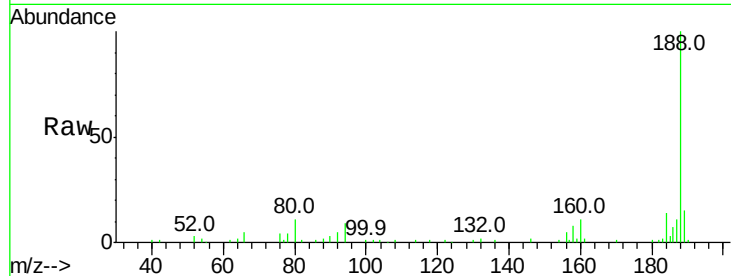
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	49340		
94	8.6		8.2	12.4
80	11.0		9.2	13.8

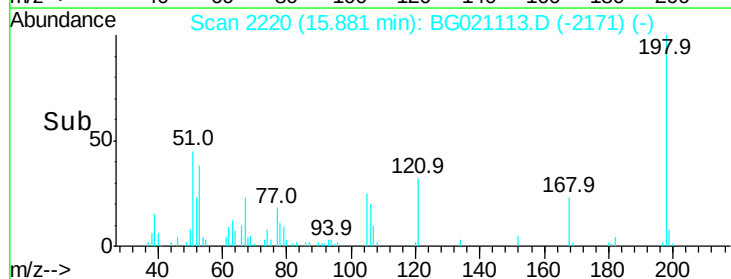
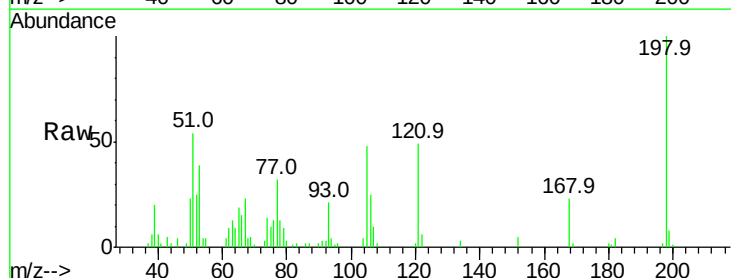
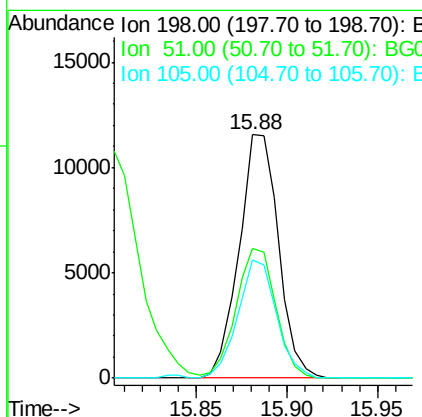
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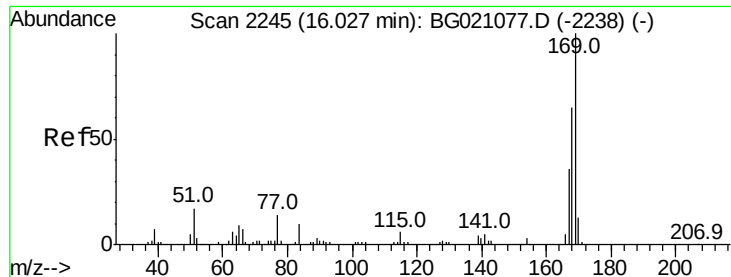
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#64
4,6-Dinitro-2-methylphenol
Concen: 48.37 ng
RT: 15.88 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	17505		
51	53.5		30.4	70.4
105	48.3		32.8	72.8





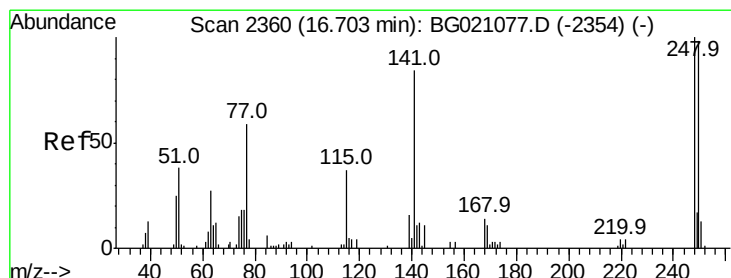
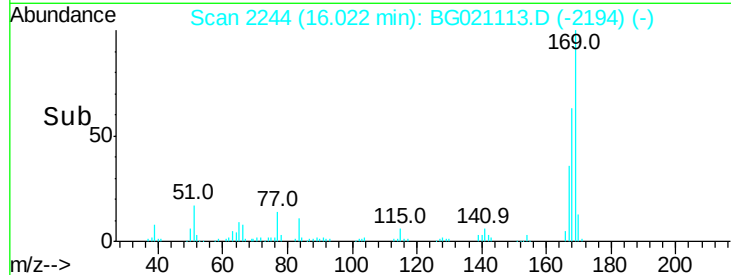
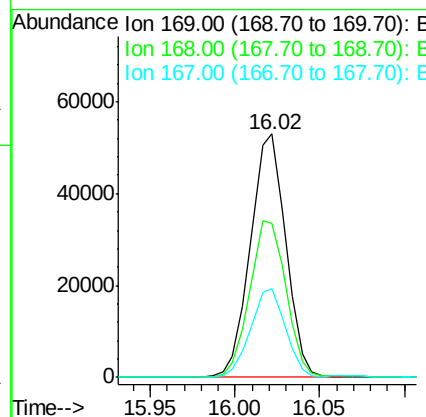
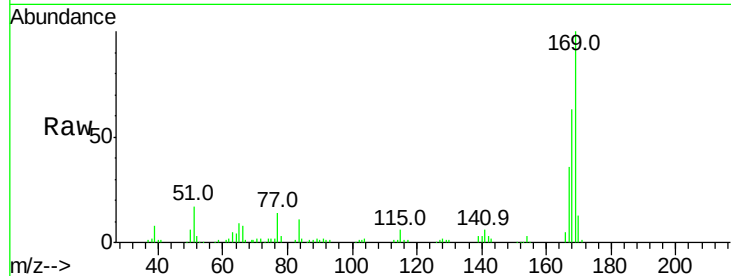
#65
 n-Nitrosodiphenylamine
 Concen: 53.10 ng
 RT: 16.02 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	63.4	58.2	87.2	
167	36.4	31.0	46.6	

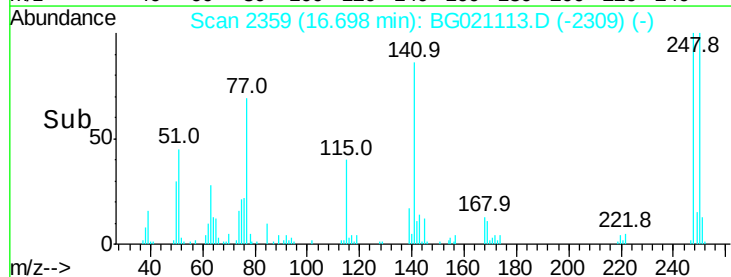
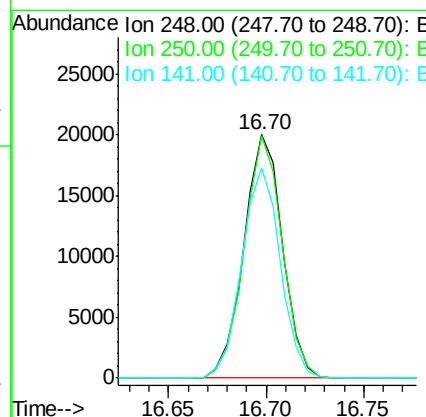
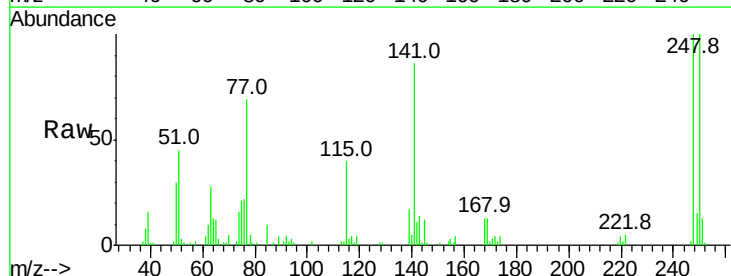
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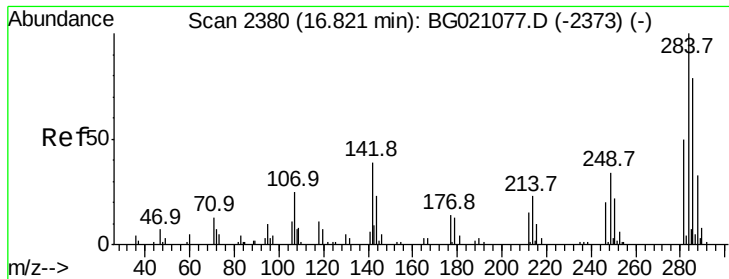
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#66
 4-Bromophenyl-phenylether
 Concen: 47.09 ng
 RT: 16.70 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.5	76.4	114.6	
141	86.4	57.4	86.0	





#67

Hexachlorobenzene

Concen: 46.98 ng

RT: 16.82 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

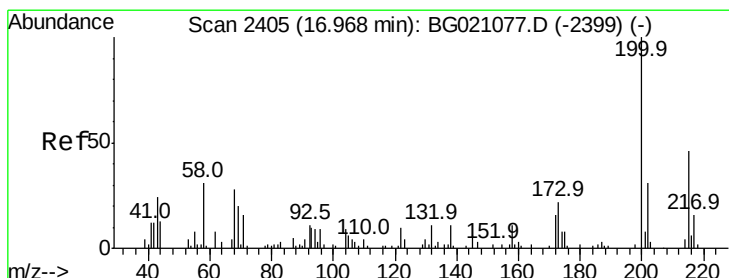
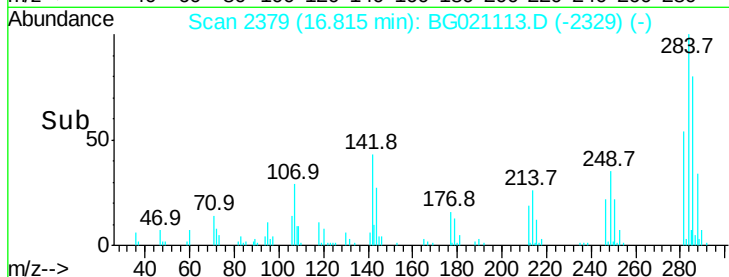
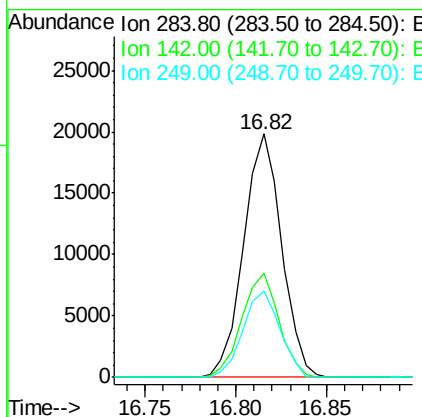
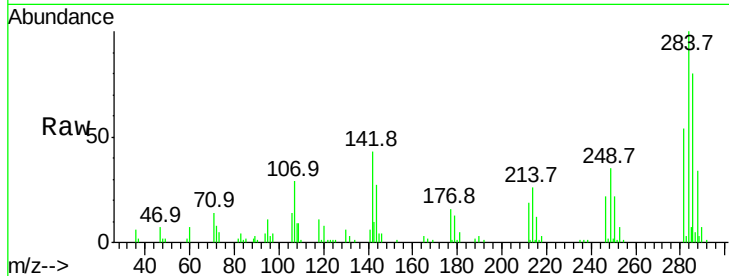
ClientSampleID :

CEB-3-20160224MSD

Tot Ion:	284	Resp:	28789
Ion Ratio	Lower	Upper	
284	100		
142	42.9	32.1	48.1
249	37.7	24.0	36.0

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#68

Atrazine

Concen: 53.50 ng

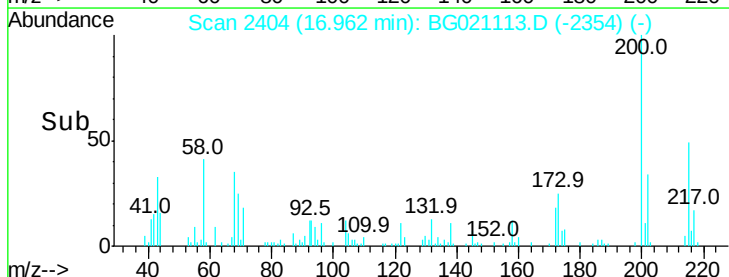
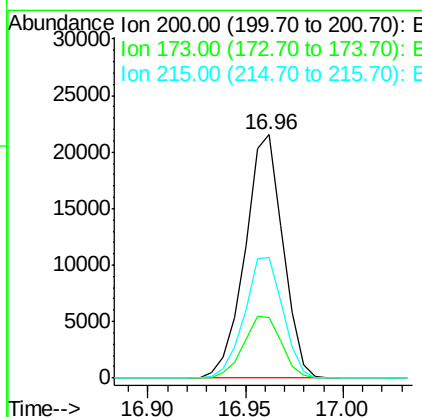
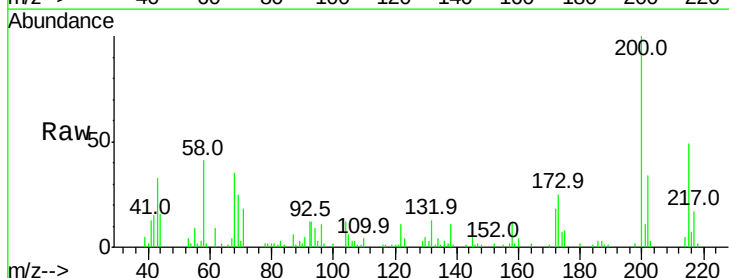
RT: 16.96 min Scan# 2404

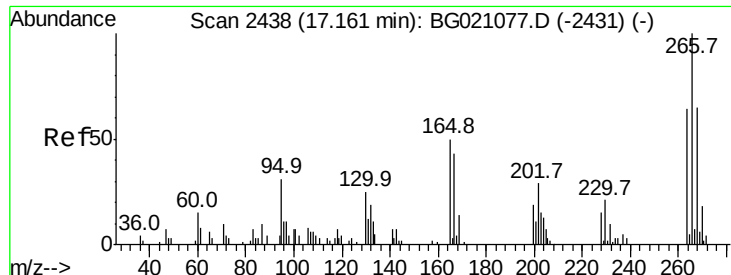
Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Tgt Ion:	200	Resp:	28857
Ion Ratio	Lower	Upper	
200	100		
173	24.9	3.9	43.9
215	49.5	29.0	69.0





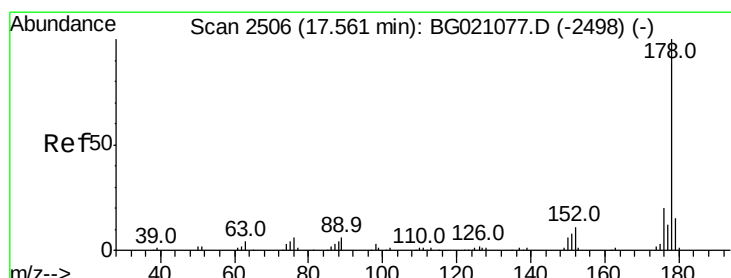
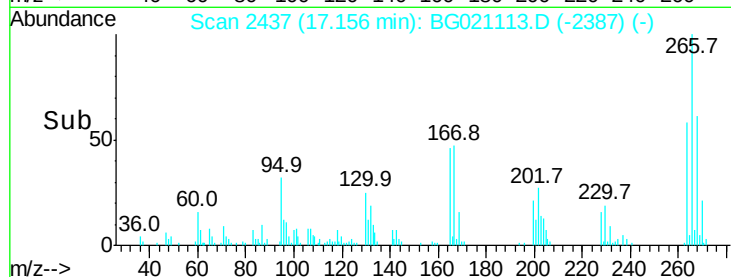
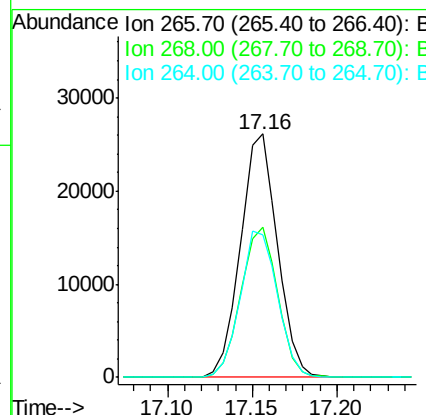
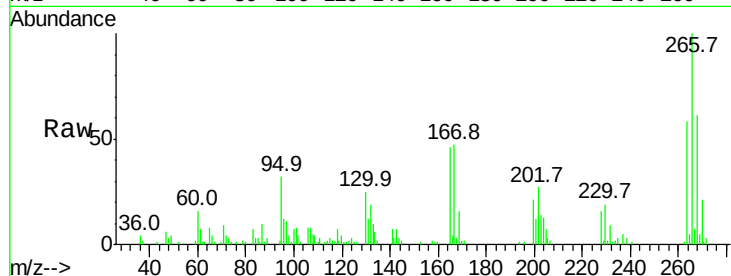
#69
 Pentachlorophenol
 Concen: 95.92 ng
 RT: 17.16 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	66.1	51.0	76.6	
264	63.0	47.8	71.8	

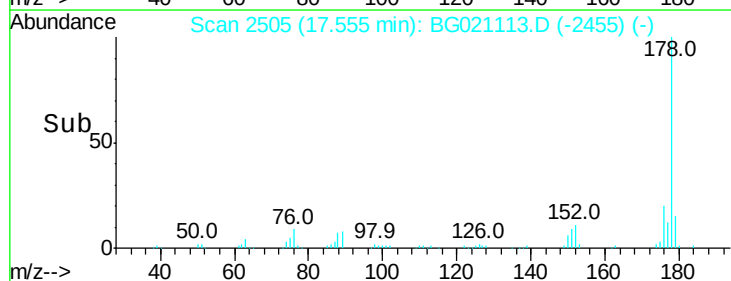
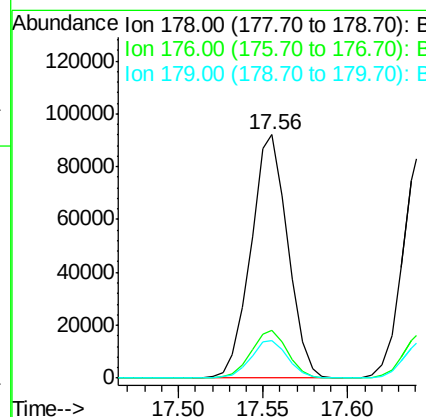
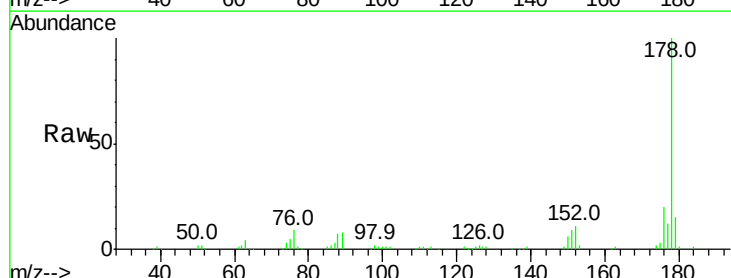
Manual Integrations
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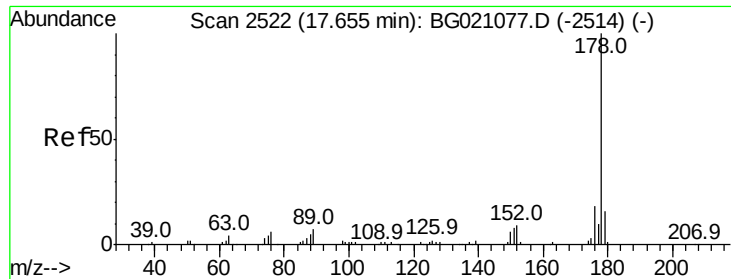
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#70
 Phenanthrene
 Concen: 52.46 ng
 RT: 17.56 min Scan# 2505
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.6	16.2	24.4	
179	15.3	12.9	19.3	





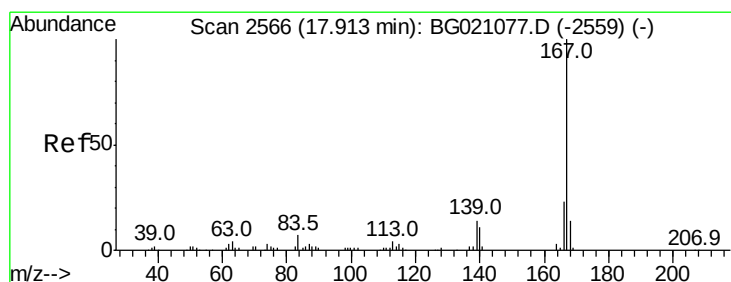
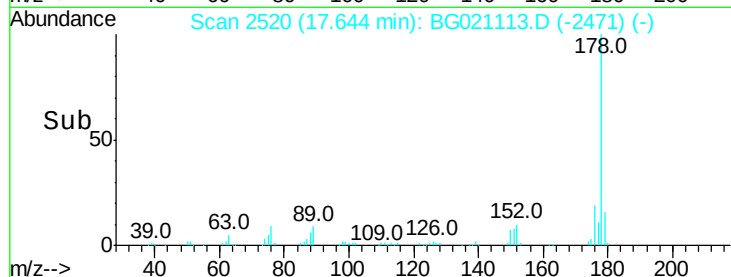
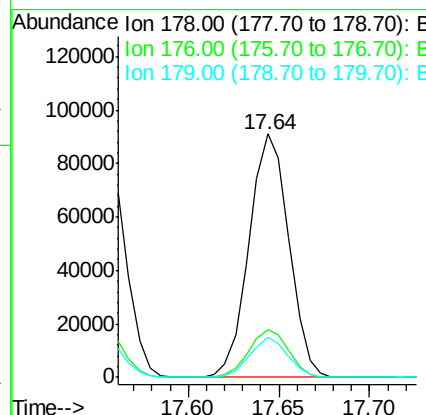
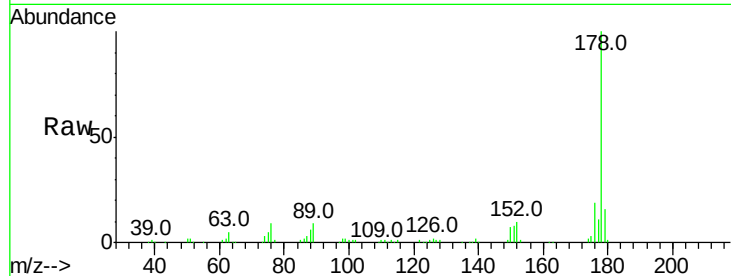
#71
 Anthracene
 Concen: 51.92 ng
 RT: 17.64 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.8	22.2
179	16.2	12.6	19.0

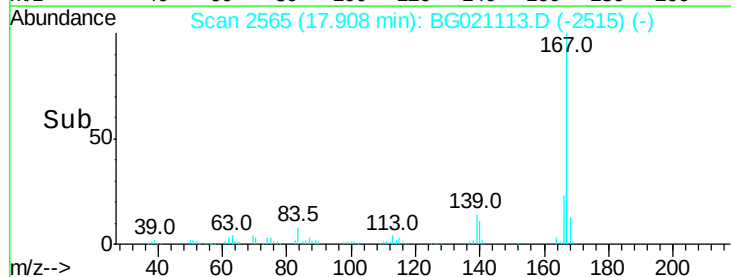
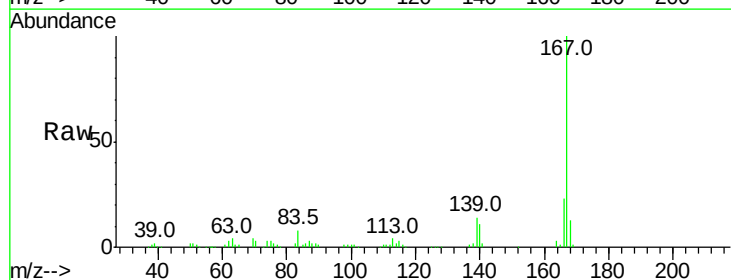
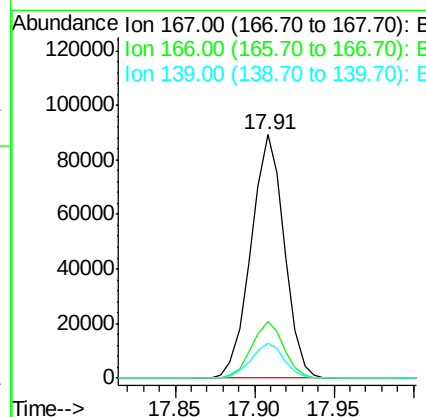
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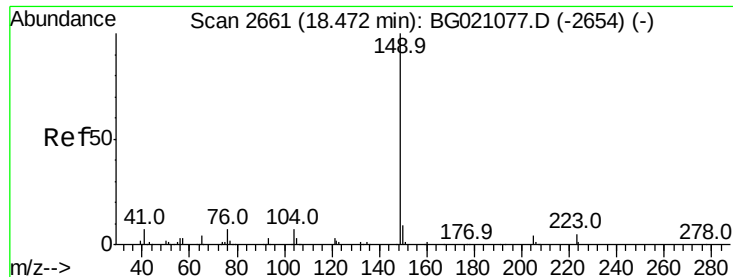
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#72
 Carbazole
 Concen: 56.27 ng
 RT: 17.91 min Scan# 2565
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.5	26.3
139	14.2	10.3	15.5





#73

Di-n-butylphthalate

Concen: 56.03 ng

RT: 18.46 min Scan# 2659

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

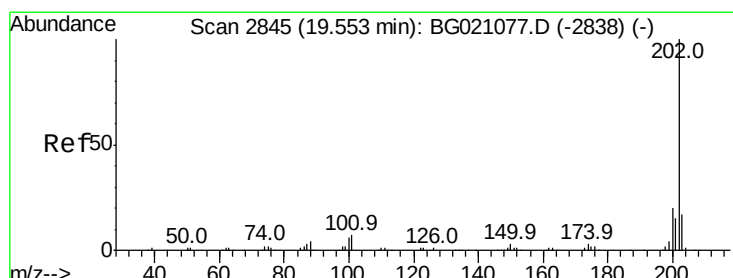
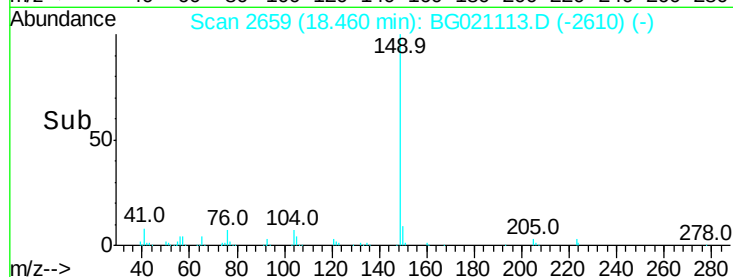
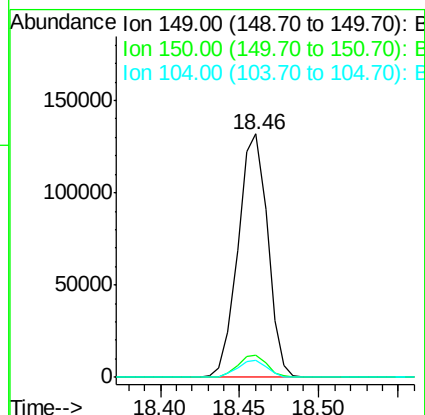
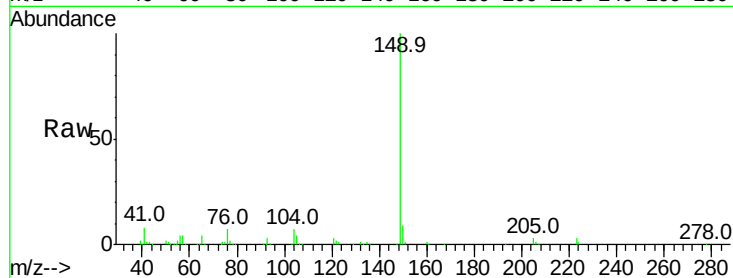
ClientSampleId :

CEB-3-20160224MSD

Tot Ion:	149	Resp:	170480
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.6	11.4
104	6.8	4.1	6.1

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#74

Fluoranthene

Concen: 51.45 ng

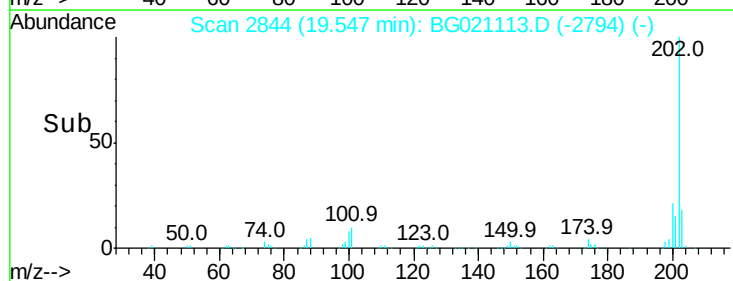
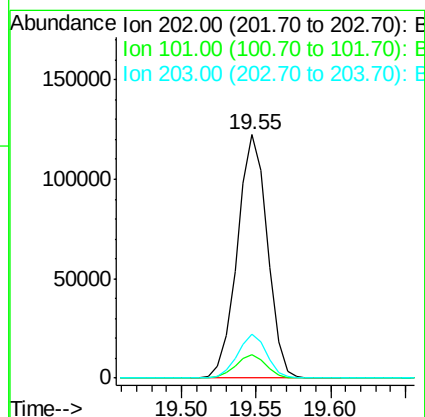
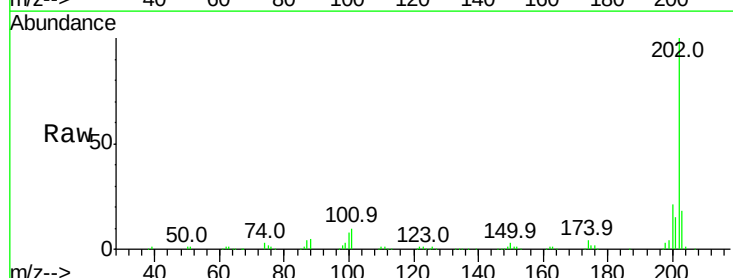
RT: 19.55 min Scan# 2844

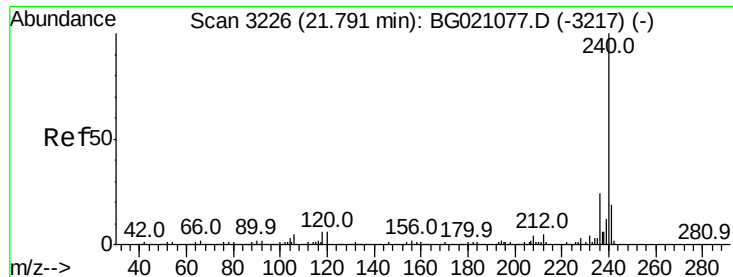
Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Tgt Ion:	202	Resp:	171353
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	32.5
203	17.8	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3223

Delta R.T. -0.02 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

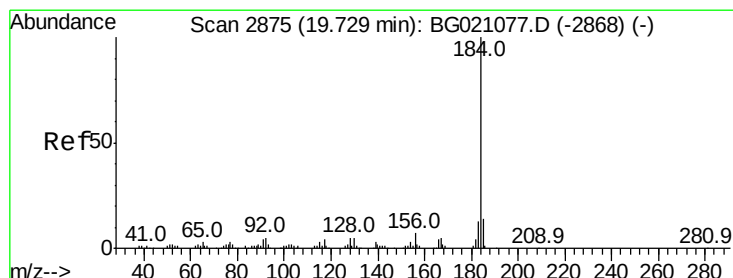
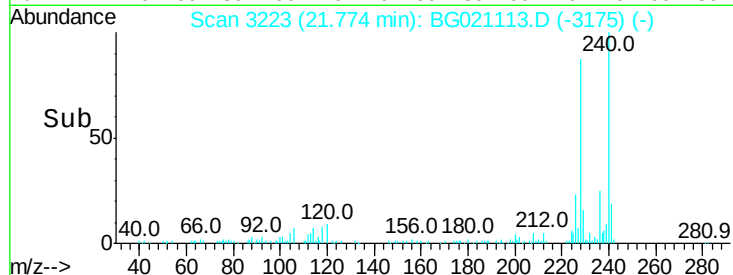
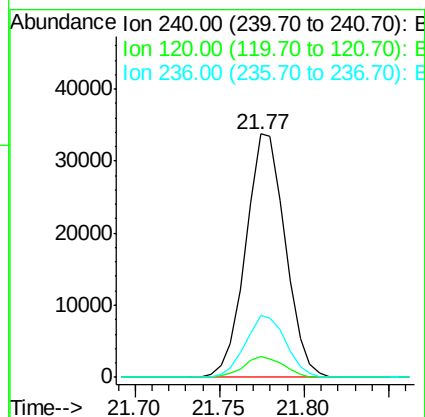
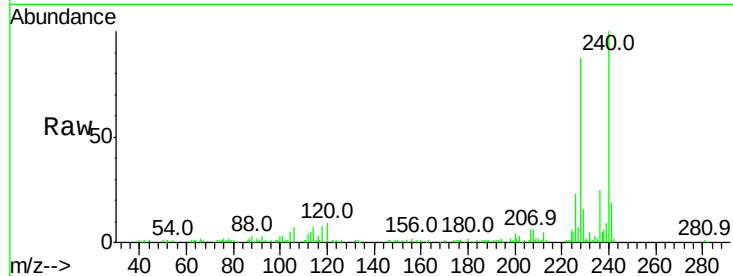
ClientSampleId :

CEB-3-20160224MSD

Tot Ion:	240	Resp:	54918
Ion Ratio	Lower	Upper	
240	100		
120	8.6	7.5	11.3
236	25.4	20.5	30.7

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#76

Benzidine

Concen: 18.17 ng

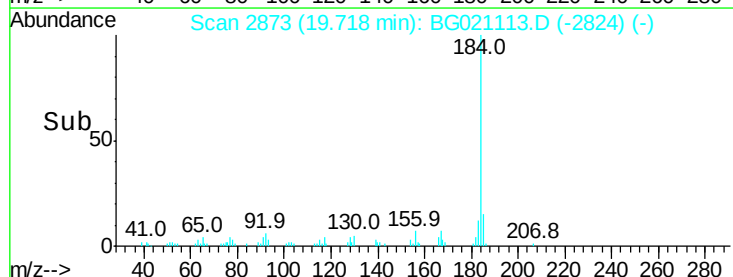
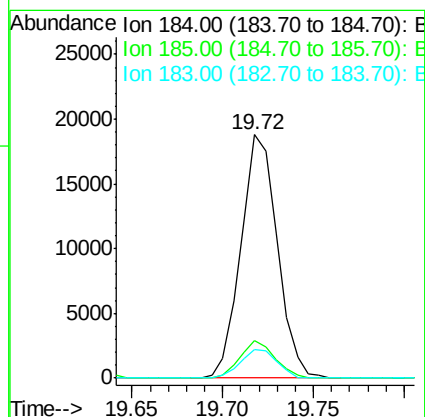
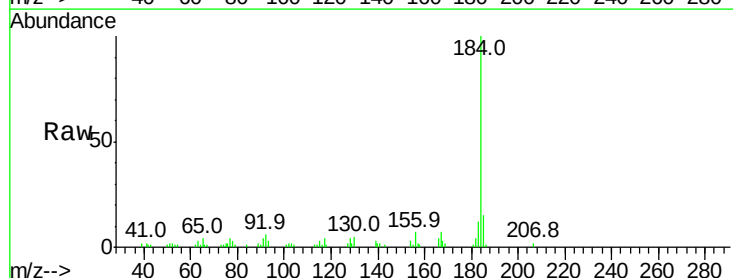
RT: 19.72 min Scan# 2873

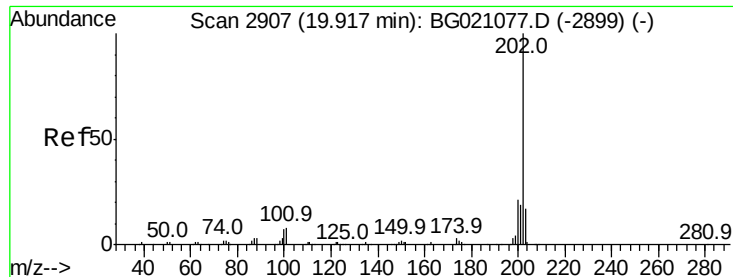
Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Tgt Ion:	184	Resp:	26246
Ion Ratio	Lower	Upper	
184	100		
185	15.4	11.5	17.3
183	11.8	10.1	15.1





#77

Pvrene

Concen: 57.09 ng

RT: 19.91 min Scan# 2905

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

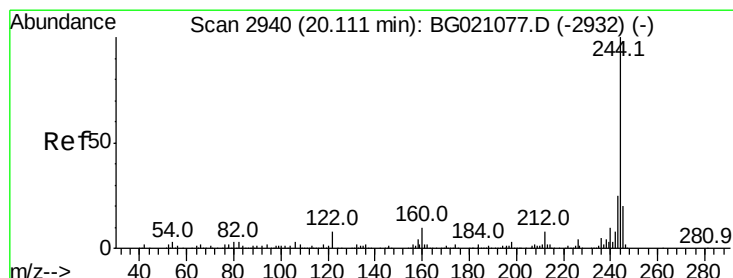
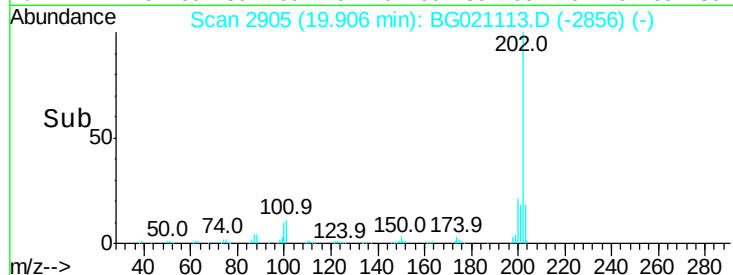
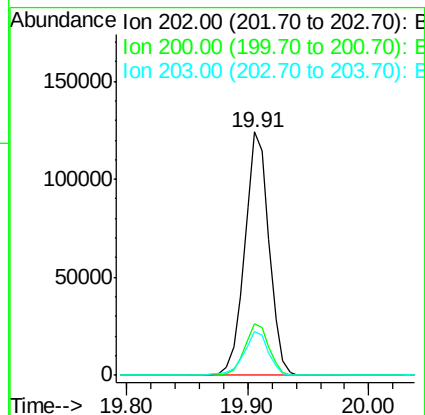
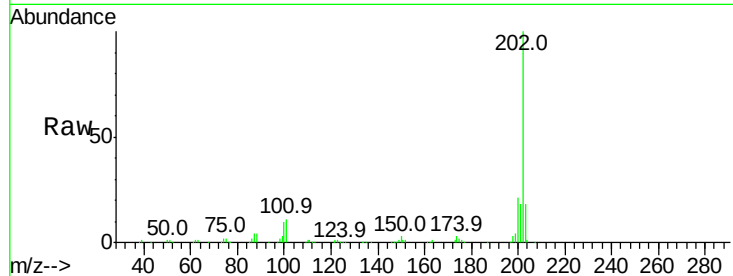
ClientSampleId :

CEB-3-20160224MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	16.6	25.0
203	18.0	13.8	20.8

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2/29/2016 12:38:57 PM



#78

Terphenyl-d14

Concen: 86.43 ng

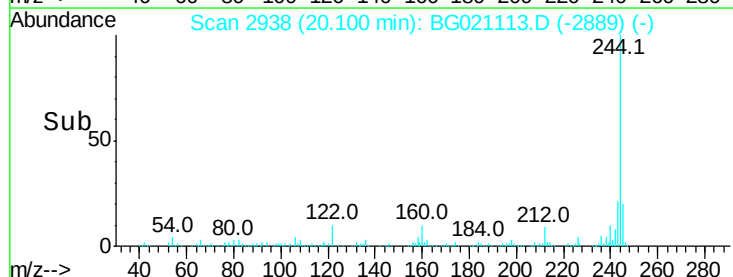
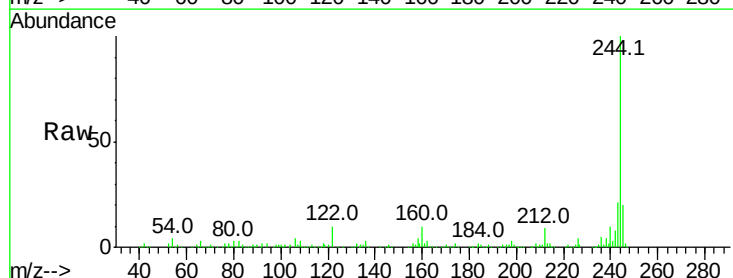
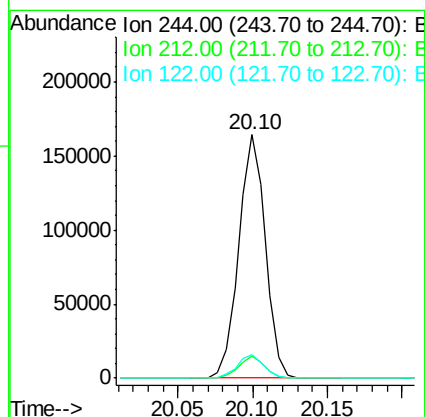
RT: 20.10 min Scan# 2938

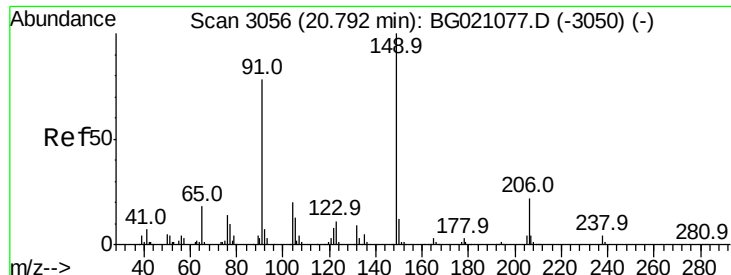
Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.9	5.8	8.6#
122	9.6	8.3	12.5





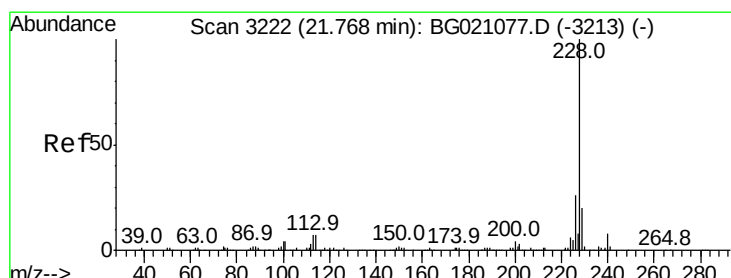
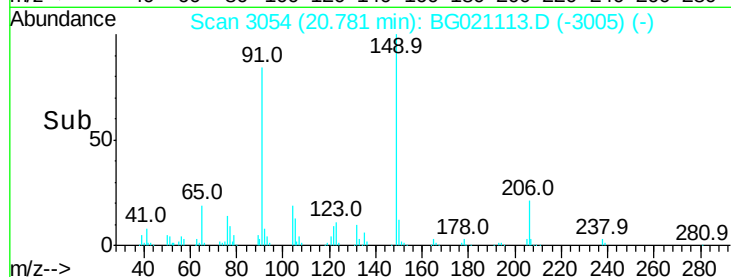
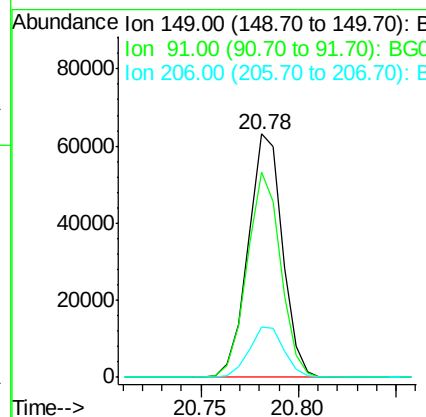
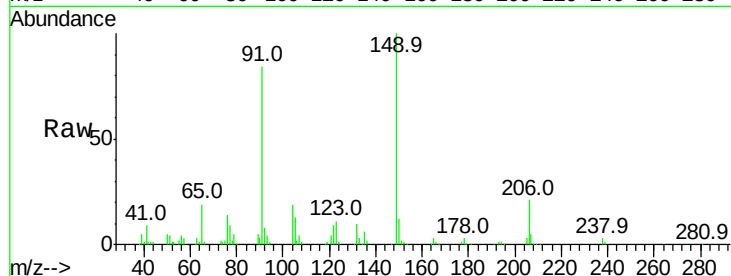
#79
 Butylbenzylphthalate
 Concen: 60.34 ng
 RT: 20.78 min Scan# 3054
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

Tot Ion:	149	Resp:	76571
Ion Ratio	Lower	Upper	
149	100		
91	84.2	58.6	87.8
206	20.5	14.2	21.4

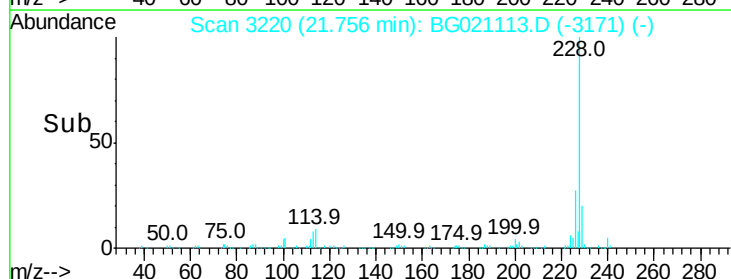
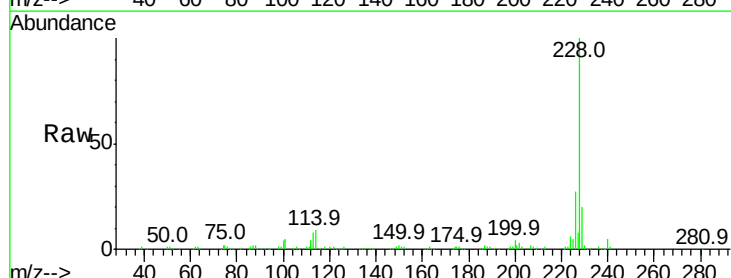
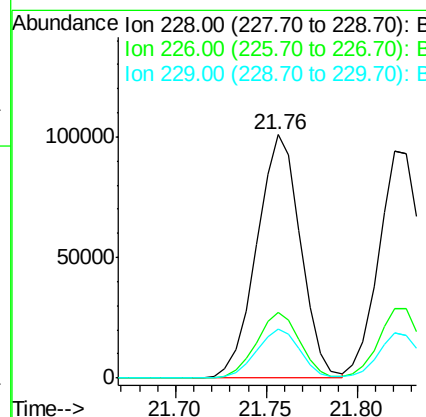
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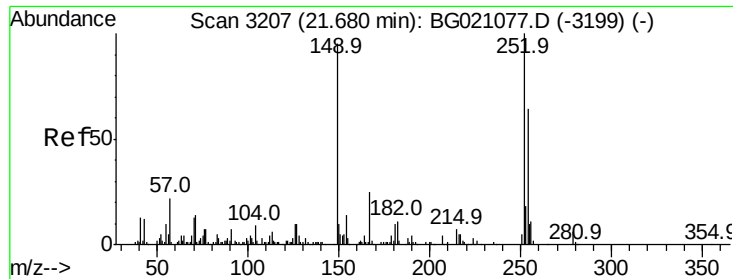
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#80
 Benzo(a)anthracene
 Concen: 53.97 ng
 RT: 21.76 min Scan# 3220
 Delta R.T. -0.01 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion:	228	Resp:	170526
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.7	34.1
229	19.9	15.5	23.3





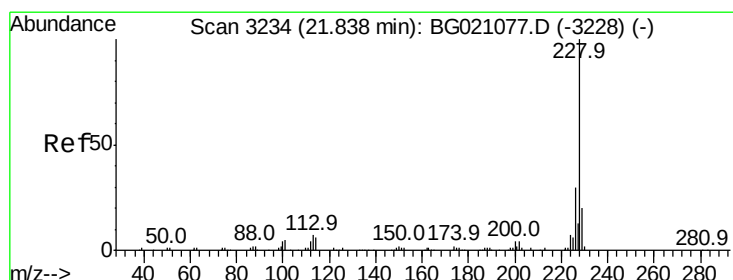
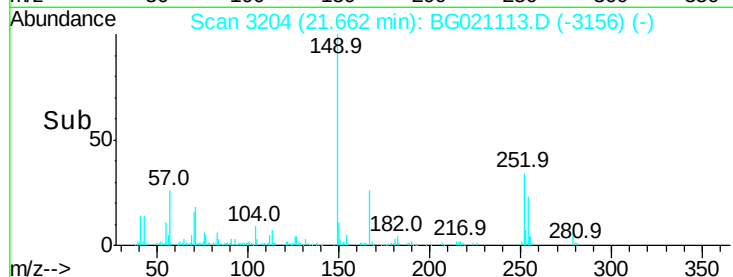
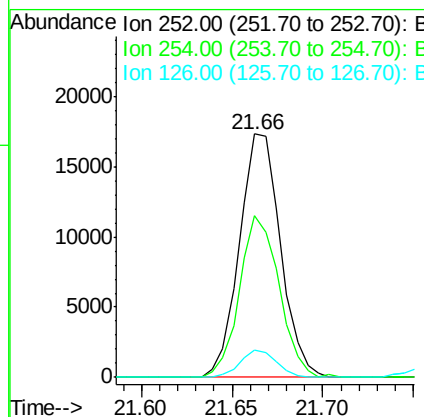
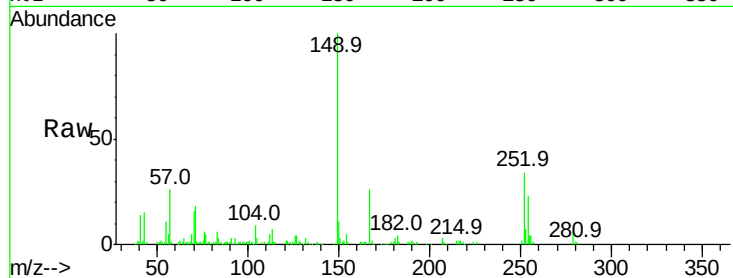
#81
 3,3'-Dichlorobenzidine
 Concen: 22.09 ng
 RT: 21.66 min Scan# 3204
 Delta R.T. -0.02 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.2	52.6	79.0
126	11.4	8.3	12.5

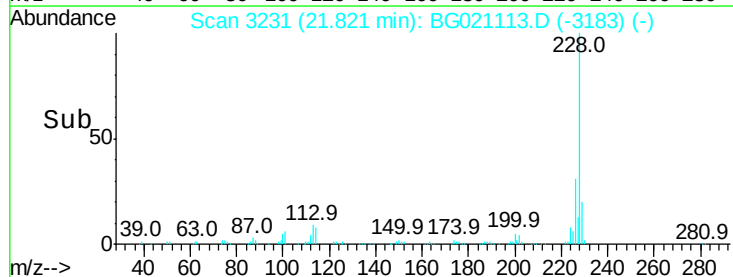
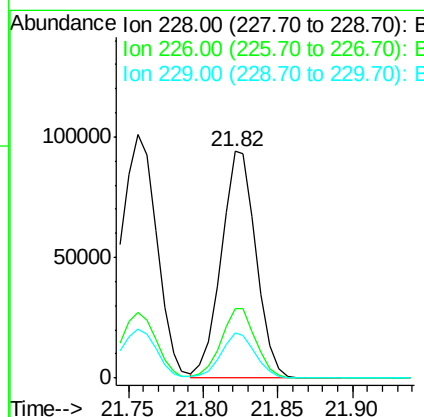
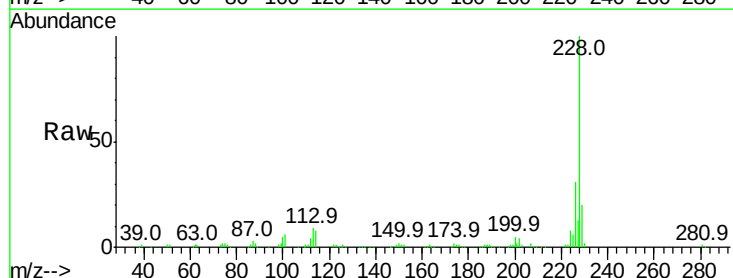
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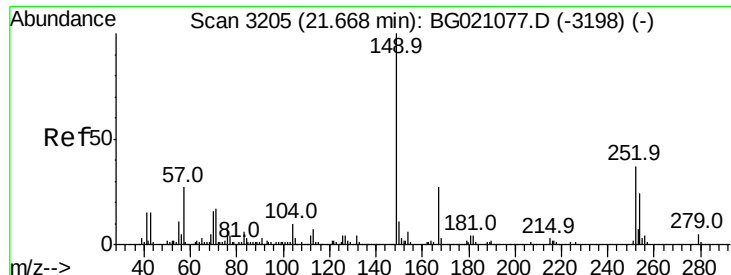
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#82
 Chrysene
 Concen: 50.30 ng
 RT: 21.82 min Scan# 3231
 Delta R.T. -0.02 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.7	35.5
229	20.1	16.7	25.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 57.24 ng

RT: 21.66 min Scan# 3203

Delta R.T. -0.01 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

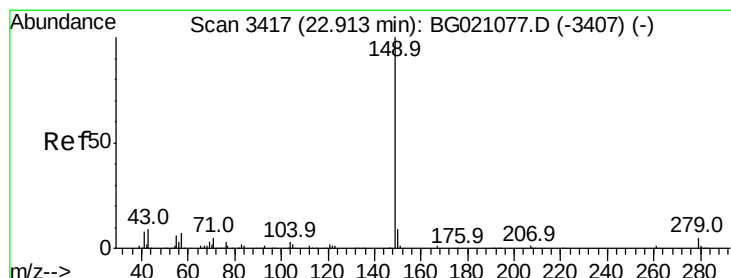
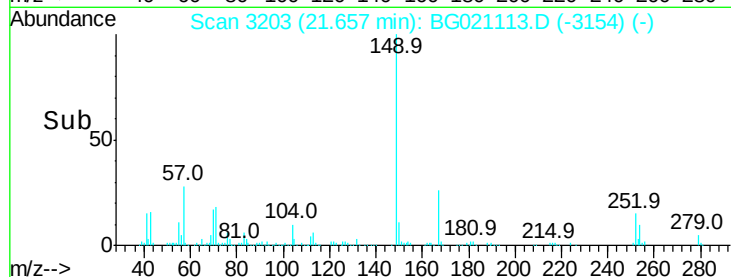
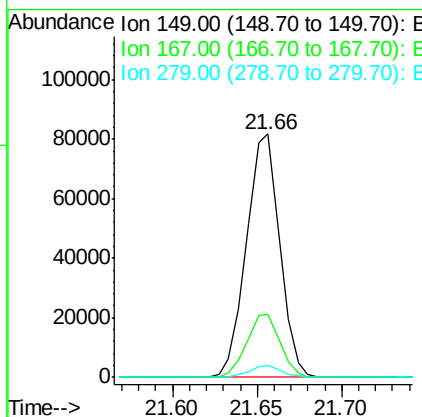
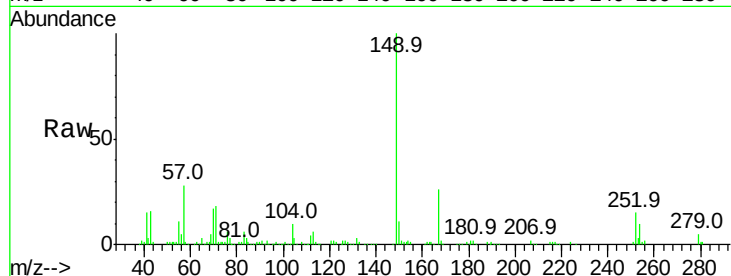
ClientSampleId :

CEB-3-20160224MSD

Tot Ion:	149	Resp:	112171
Ion Ratio	Lower	Upper	
149	100		
167	25.9	18.9	28.3
279	4.8	3.0	4.6

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#84

Di-n-octyl phthalate

Concen: 58.43 ng

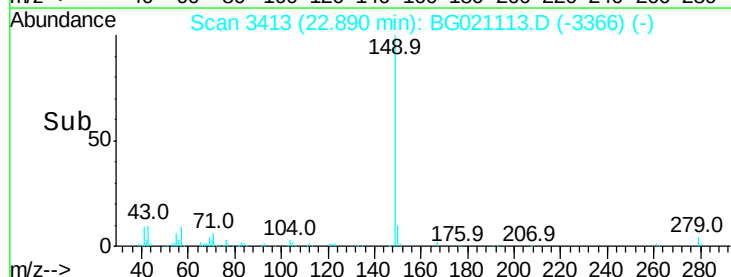
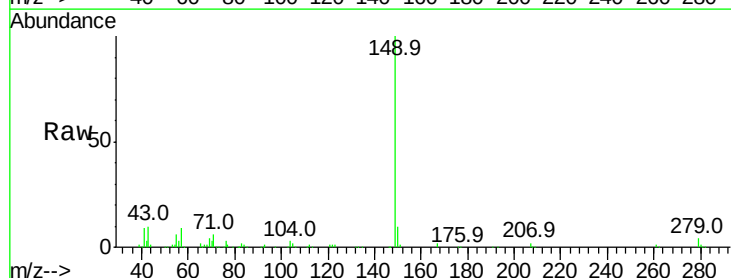
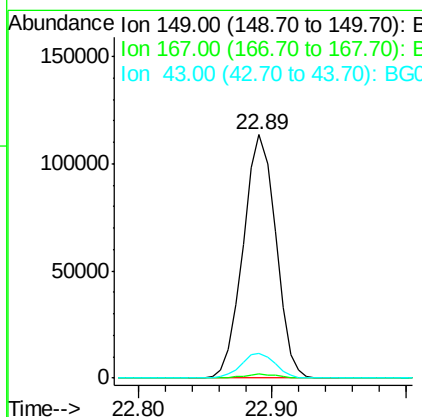
RT: 22.89 min Scan# 3413

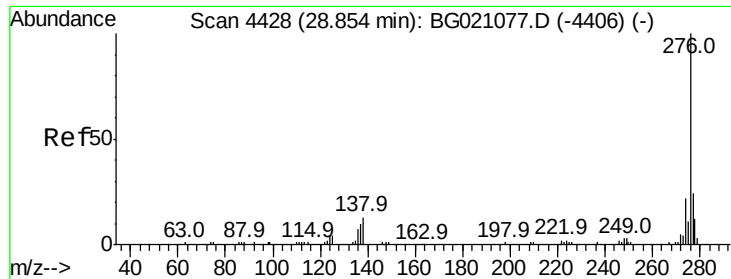
Delta R.T. -0.02 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Tgt Ion:	149	Resp:	191922
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.1	1.7
43	10.7	9.8	14.8





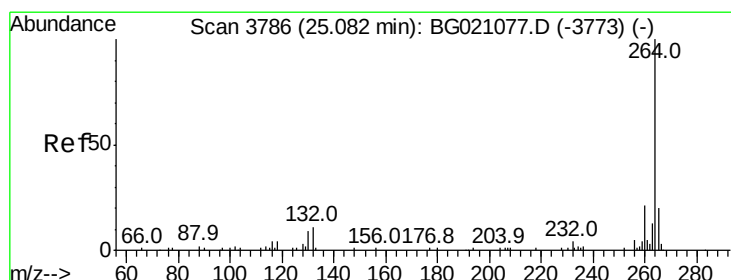
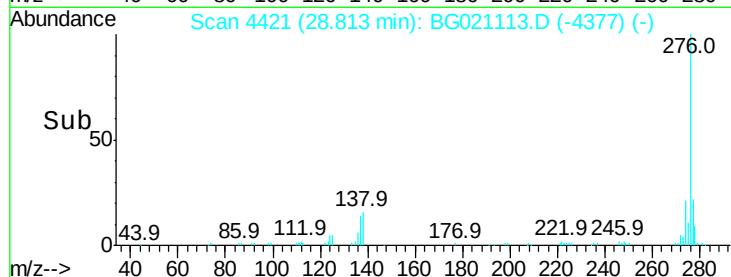
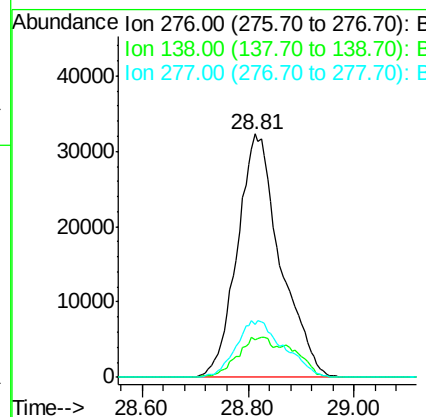
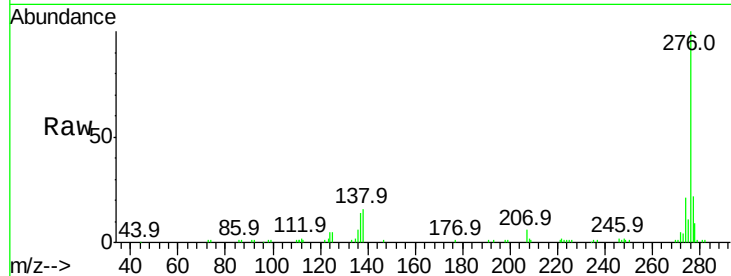
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.62 ng
RT: 28.81 min Scan# 4421
Delta R.T. -0.04 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	14.6	0.0	0.0#
277	25.8	0.0	0.0#

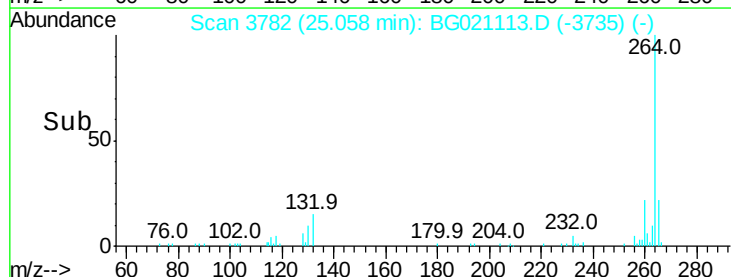
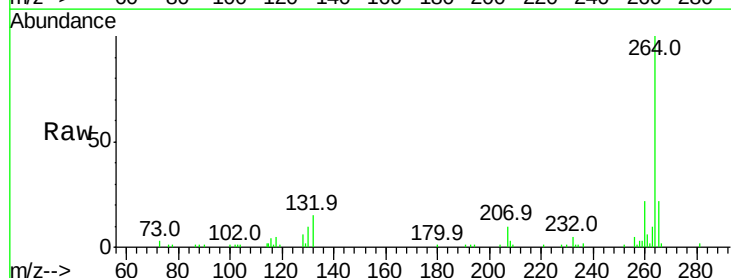
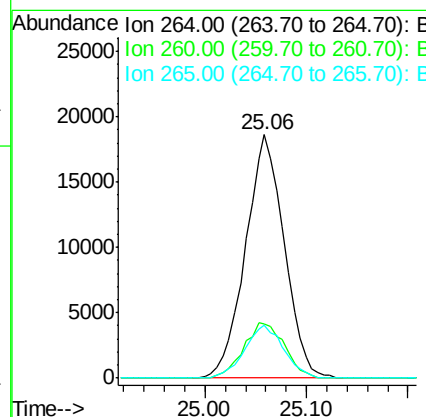
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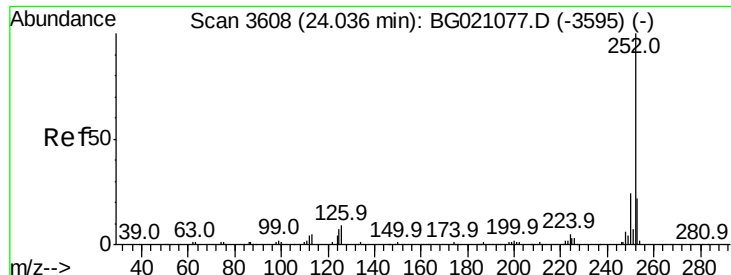
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3782
Delta R.T. -0.02 min
Lab File: BG021113.D
Acq: 27 Feb 2016 13:48

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	22.3	18.5	27.7
265	21.7	18.6	28.0





#87

Benzo(b)fluoranthene

Concen: 54.23 ng

RT: 24.02 min Scan# 3605

Delta R.T. -0.02 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

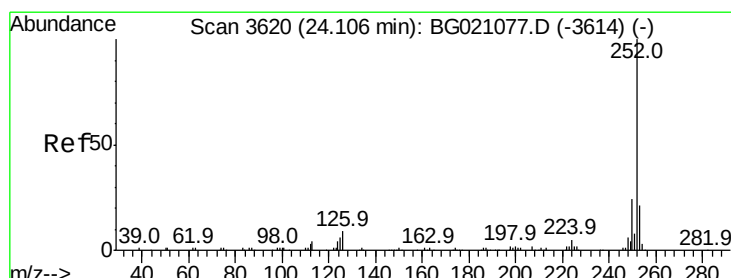
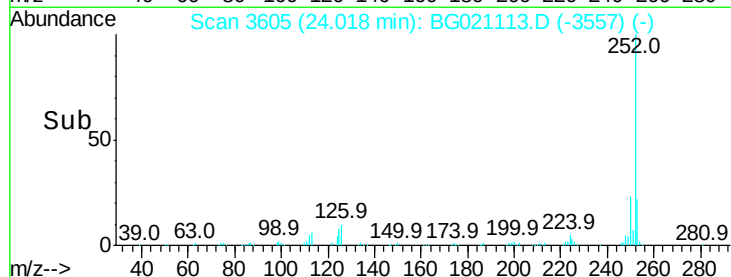
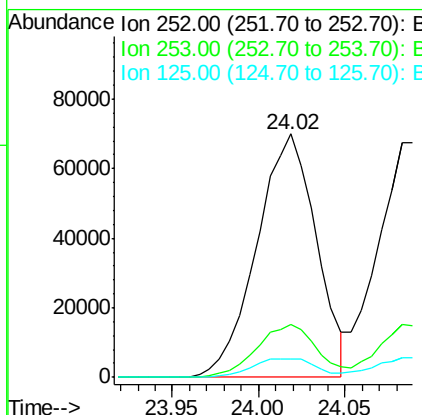
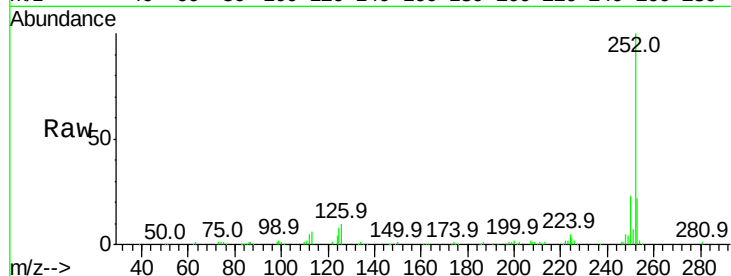
ClientSampleId :

CEB-3-20160224MSD

Tot Ion:	252	Resp:	167118
Ion Ratio	Lower	Upper	
252	100		
253	21.8	16.8	25.2
125	7.8	8.2	12.2

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#88

Benzo(k)fluoranthene

Concen: 54.79 ng

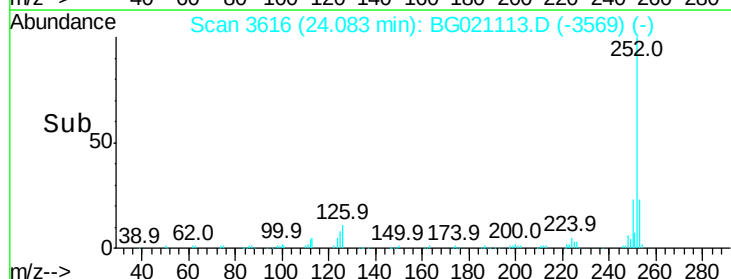
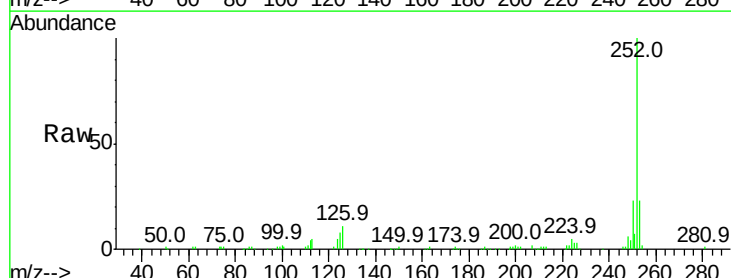
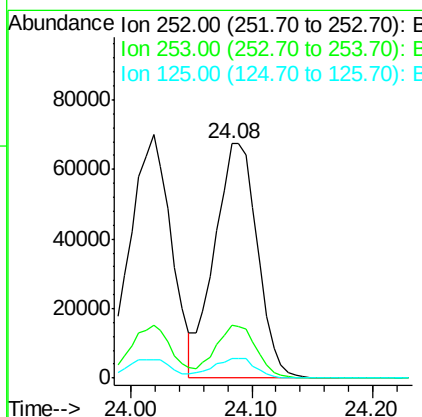
RT: 24.08 min Scan# 3616

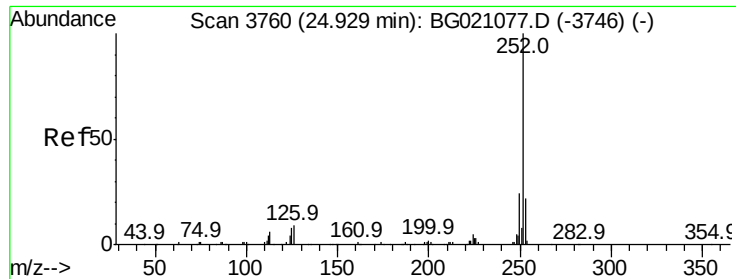
Delta R.T. -0.02 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Tgt Ion:	252	Resp:	166433
Ion Ratio	Lower	Upper	
252	100		
253	22.5	16.4	24.6
125	8.3	8.2	12.2





#89

Benzo(a)pyrene

Concen: 54.83 ng

RT: 24.91 min Scan# 3757

Delta R.T. -0.02 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Instrument :

BNA_G

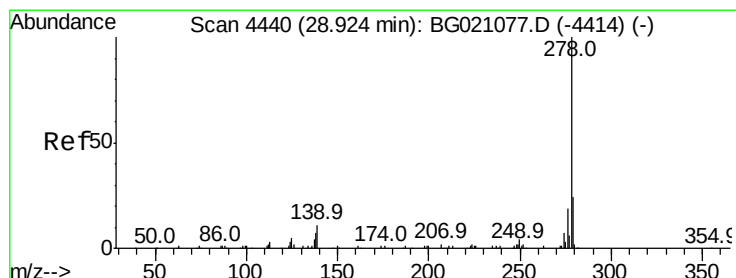
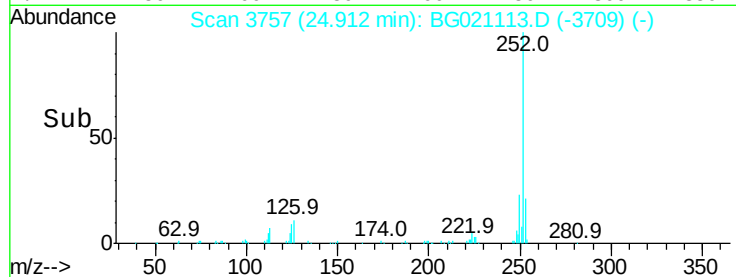
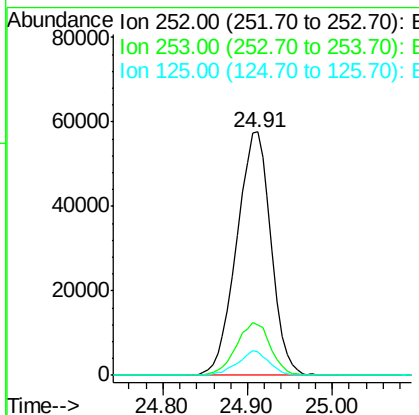
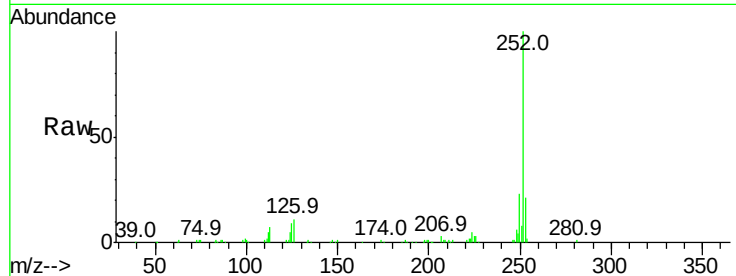
ClientSampleId :

CEB-3-20160224MSD

Tot Ion:	252	Resp:	162180
Ion Ratio		Lower	Upper
252	100		
253	20.7	15.8	23.8
125	9.4	8.4	12.6

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#90

Dibenzo(a,h)anthracene

Concen: 51.89 ng

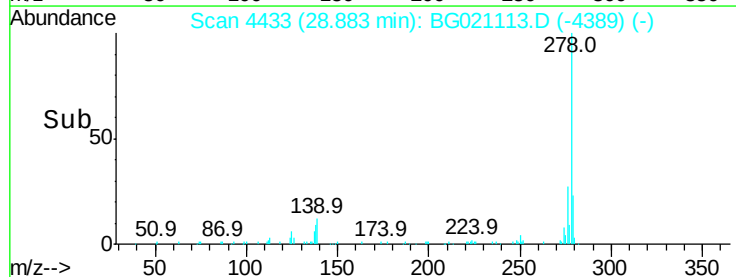
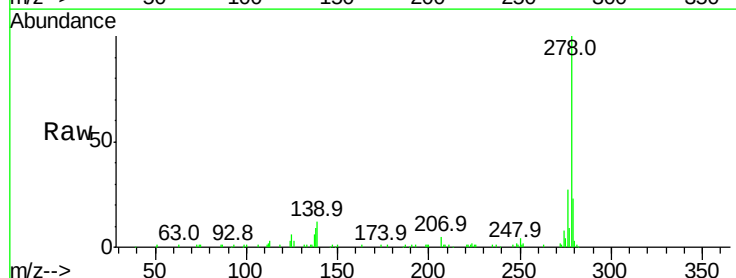
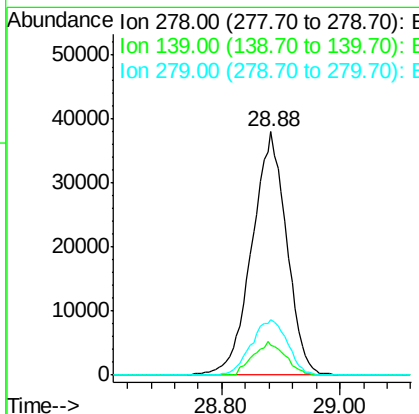
RT: 28.88 min Scan# 4433

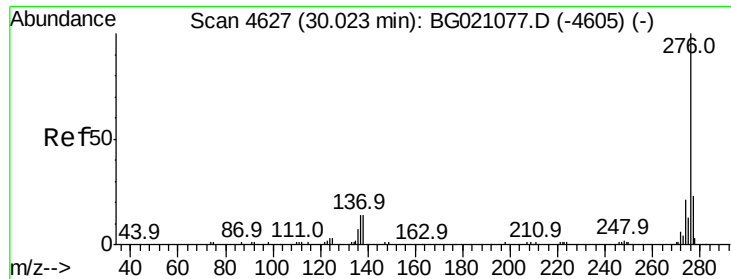
Delta R.T. -0.04 min

Lab File: BG021113.D

Acq: 27 Feb 2016 13:48

Tgt Ion:	278	Resp:	154733
Ion Ratio		Lower	Upper
278	100		
139	12.1	10.6	15.8
279	22.9	19.7	29.5





#91
 Benzo(a,h,i)perylene
 Concen: 51.72 ng
 RT: 29.99 min Scan# 4621
 Delta R.T. -0.03 min
 Lab File: BG021113.D
 Acq: 27 Feb 2016 13:48

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.1	16.6	25.0
138	19.0	14.6	21.8

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