

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
 Data File : BG021112.D
 Acq On : 27 Feb 2016 13:09
 Operator : UM/SJ
 Sample : H1578-06MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MS

Manual Integrations
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 2/29/2016 12:38:55 PM

Quant Time: Feb 29 05:56:34 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	6485	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	30243	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	19512	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	48062	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	54584	20.00	ng	-0.02
86) Perylene-d12	25.06	264	50473	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	23690	63.95	ng	0.00
7) Phenol-d6	7.31	99	21839	39.62	ng	-0.02
23) Nitrobenzene-d5	9.34	82	68041	107.19	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	35242	137.76	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	142903	93.72	ng	0.00
78) Terphenyl-d14	20.10	244	215642	92.33	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	2570	14.98	ng	# 80
3) Pyridine	4.01	79	6643	13.24	ng	# 92
4) n-Nitrosodimethylamine	3.92	42	4270	16.79	ng	# 94
6) Aniline	7.48	93	15554	22.81	ng	92
8) 2-Chlorophenol	7.73	128	18740	40.56	ng	92
9) Benzaldehyde	7.30	77	3258	10.91	ng	85
10) Phenol	7.34	94	8142	14.42	ng	# 71
11) bis(2-Chloroethyl)ether	7.58	93	22915	52.94	ng	98
12) 1,3-Dichlorobenzene	8.06	146	23702	48.20	ng	# 89
13) 1,4-Dichlorobenzene	8.20	146	23967	45.63	ng	97
14) 1,2-Dichlorobenzene	8.52	146	23055	46.36	ng	100
15) Benzyl Alcohol	8.40	79	15732	32.67	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.70	45	30170	60.80	ng	89
17) 2-Methylphenol	8.60	107	13833	34.71	ng	# 89
18) Hexachloroethane	9.26	117	9687	48.75	ng	91
19) n-Nitroso-di-n-propylamine	8.97	70	23581	55.46	ng	95
20) 3+4-Methylphenols	8.92	107	16837	30.47	ng	89
22) Acetophenone	8.99	105	40795	48.87	ng	# 96
24) Nitrobenzene	9.38	77	35619	54.32	ng	90
25) Isophorone	9.89	82	64360	54.10	ng	# 96
26) 2-Nitrophenol	10.09	139	12787	46.12	ng	# 65
27) 2,4-Dimethylphenol	10.13	122	22552	46.12	ng	88
28) bis(2-Chloroethoxy)methane	10.38	93	33222	57.30	ng	97
29) 2,4-Dichlorophenol	10.62	162	22629	47.27	ng	99
30) 1,2,4-Trichlorobenzene	10.84	180	24729	45.58	ng	99
31) Naphthalene	11.03	128	77964	50.19	ng	99
32) Benzoic acid	10.21	122	4364m	9.72	ng	
33) 4-Chloroaniline	11.13	127	11683	18.01	ng	# 91
34) Hexachlorobutadiene	11.31	225	16279	44.84	ng	93
35) Caprolactam	11.90	113	776	4.80	ng	# 85
36) 4-Chloro-3-methylphenol	12.23	107	26435	45.04	ng	88
37) 2-Methylnaphthalene	12.62	142	60055	55.05	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	32291	44.78	ng	97
40) Hexachlorocyclopentadiene	12.96	237	43434	91.60	ng	96

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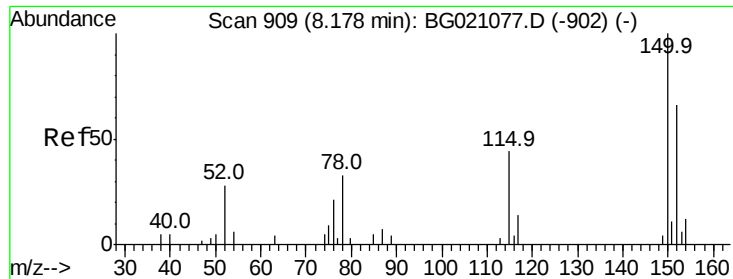
Manual Integrations
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 2/29/2016 12:38:55 PM

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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
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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	22083	48.84	nq	96
43) 2,4,5-Trichlorophenol	13.28	196	24594	52.94	nq	# 93
45) 1,1'-Biphenyl	13.61	154	77037	46.88	nq	96
46) 2-Chloronaphthalene	13.66	162	61950	49.69	nq	99
47) 2-Nitroaniline	13.85	65	23970	59.34	nq	# 78
48) Acenaphthylene	14.50	152	98898	50.14	nq	98
49) Dimethylphthalate	14.23	163	87314	51.92	nq	# 97
50) 2,6-Dinitrotoluene	14.35	165	18063	52.21	nq	# 74
51) Acenaphthene	14.84	154	63387	47.11	nq	99
52) 3-Nitroaniline	14.67	138	8344	24.79	nq	# 84
53) 2,4-Dinitrophenol	14.88	184	24117	99.98	nq	87
54) Dibenzofuran	15.17	168	94924	55.69	nq	93
55) 4-Nitrophenol	14.96	139	9962	33.36	nq	# 55
56) 2,4-Dinitrotoluene	15.12	165	26581	53.58	nq	# 79
57) Fluorene	15.82	166	83696	50.48	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.39	232	21964	54.39	nq	# 99
59) Diethylphthalate	15.58	149	91632	51.70	nq	99
60) 4-Chlorophenyl-phenylether	15.80	204	43123	47.28	nq	99
61) 4-Nitroaniline	15.83	138	17415	45.43	nq	# 53
62) Azobenzene	16.10	77	97042	63.20	nq	91
64) 4,6-Dinitro-2-methylphenol	15.89	198	16921	48.00	nq	93
65) n-Nitrosodiphenylamine	16.02	169	75173	53.02	nq	91
66) 4-Bromophenyl-phenylether	16.70	248	26960	47.64	nq	# 92
67) Hexachlorobenzene	16.82	284	27480	46.03	nq	93
68) Atrazine	16.96	200	28491	54.23	nq	99
69) Pentachlorophenol	17.16	266	37602	93.30	nq	91
70) Phenanthrene	17.56	178	135661	52.46	nq	99
71) Anthracene	17.64	178	138937	53.35	nq	99
72) Carbazole	17.91	167	126139	56.10	nq	98
73) Di-n-butylphthalate	18.46	149	165870	55.96	nq	# 98
74) Fluoranthene	19.55	202	167068	51.50	nq	97
76) Benzidine	19.72	184	17447	12.15	nq	98
77) Pyrene	19.91	202	173155	57.29	nq	99
79) Butylbenzylphthalate	20.79	149	74928	59.40	nq	93
80) Benzo(a)anthracene	21.76	228	168269	53.58	nq	99
81) 3,3'-Dichlorobenzidine	21.66	252	26279	21.38	nq	96
82) Chrysene	21.83	228	152818	50.52	nq	99
83) Bis(2-ethylhexyl)phthalate	21.66	149	110599	56.78	nq	# 94
84) Di-n-octyl phthalate	22.89	149	186144	57.02	nq	97
85) Indeno(1,2,3-cd)pyrene	28.81	276	180717	49.56	nq	# 100
87) Benzo(b)fluoranthene	24.02	252	169729	53.80	nq	97
88) Benzo(k)fluoranthene	24.09	252	161509	51.93	nq	97
89) Benzo(a)pyrene	24.91	252	159563	52.69	nq	97
90) Dibenzo(a,h)anthracene	28.88	278	155156	50.82	nq	98
91) Benzo(g,h,i)perylene	30.00	276	147270	50.08	nq	96

(#) = 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: BG021112.D

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BNA_G

ClientSampleId :

CEB-3-20160224MS

Tot Ion:152 Resp: 6485

Ion Ratio Lower Upper

152 100

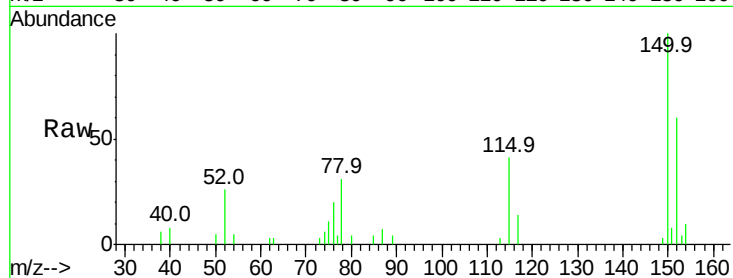
150 167.3 123.4 185.2

115 69.3 43.3 64.9#

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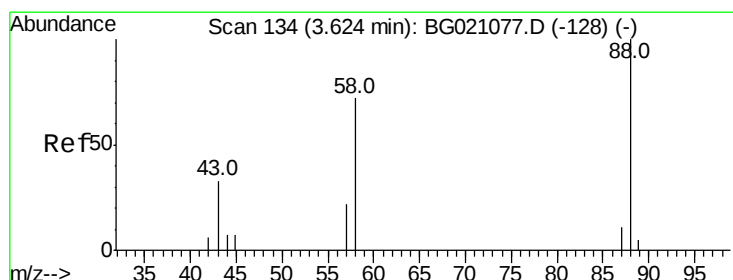
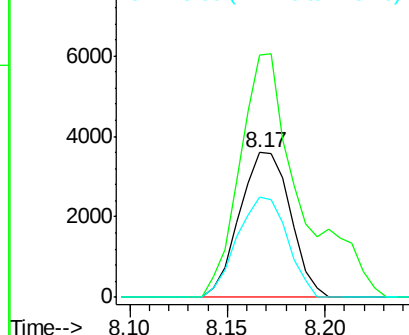
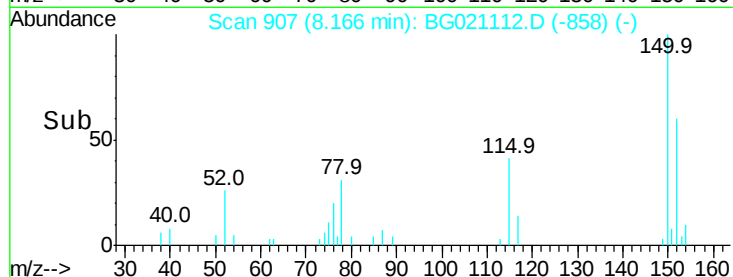
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 14.98 ng

RT: 3.61 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

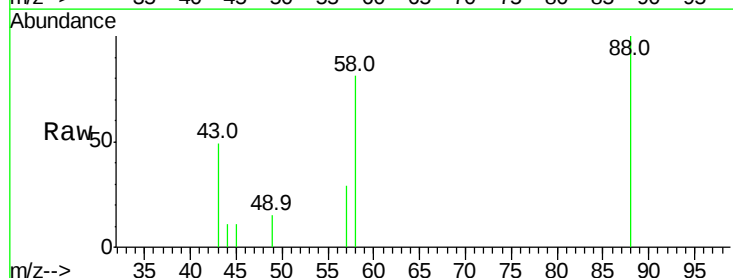
Tgt Ion: 88 Resp: 2570

Ion Ratio Lower Upper

88 100

58 86.0 55.9 83.9#

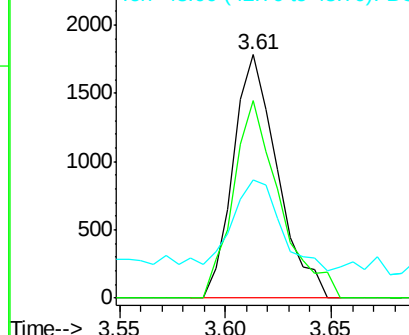
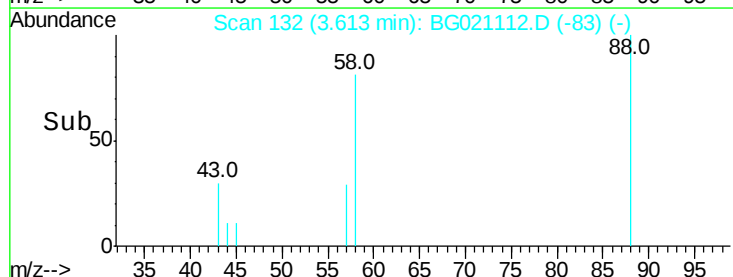
43 39.0 22.5 33.7#

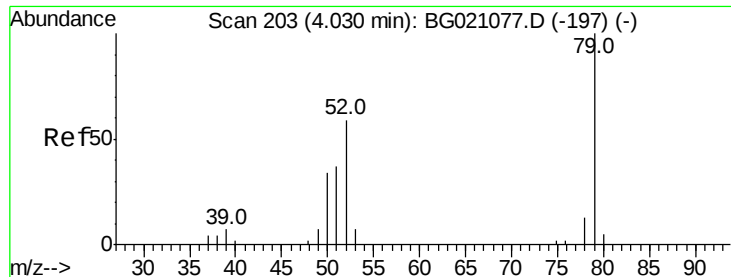


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





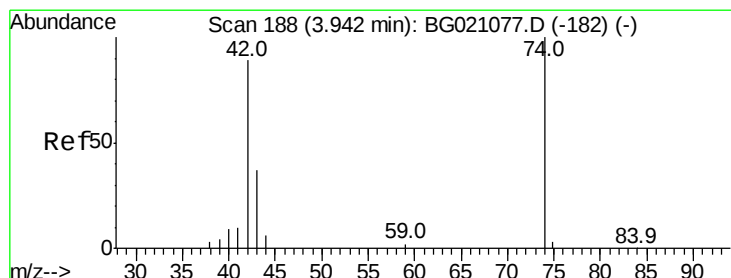
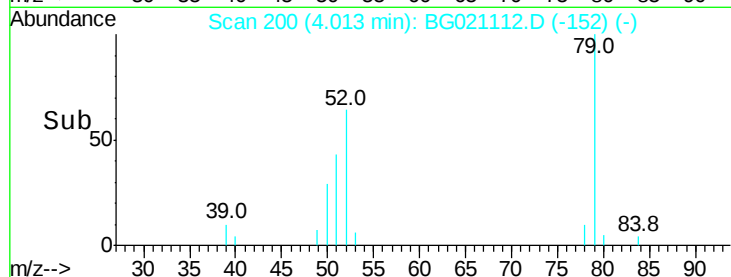
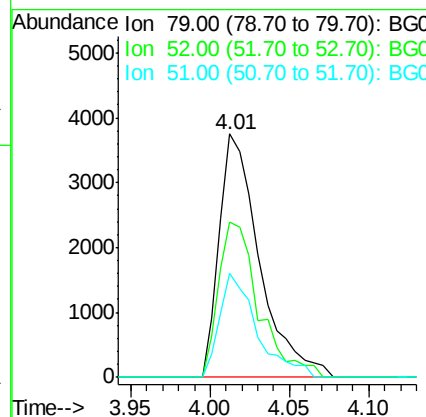
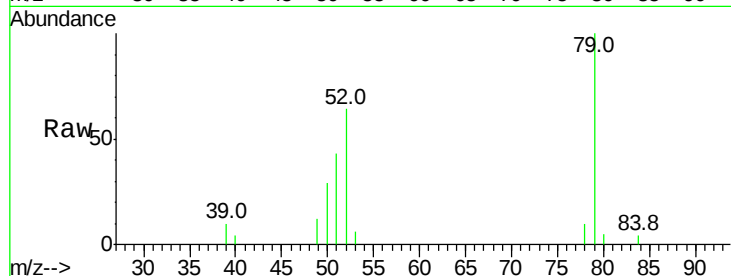
#3
 Pvridine
 Concen: 13.24 ng
 RT: 4.01 min Scan# 200
 Delta R.T. -0.02 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.8	53.2	79.8
51	42.9	26.1	39.1#

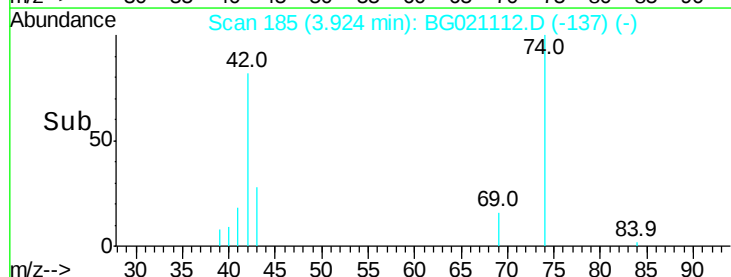
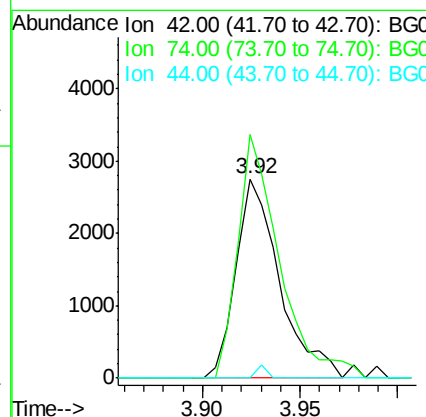
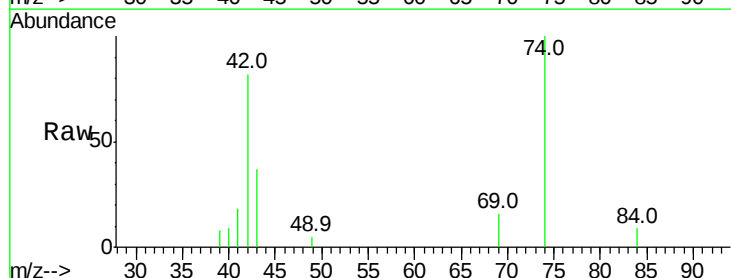
Manual Integrations
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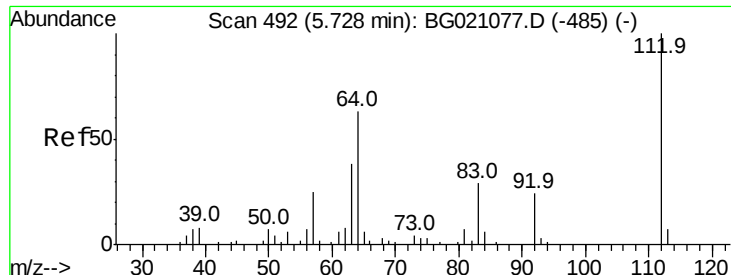
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#4
 n-Nitrosodimethylamine
 Concen: 16.79 ng
 RT: 3.92 min Scan# 185
 Delta R.T. -0.02 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.2	102.3	153.5
44	0.0	4.8	7.2#





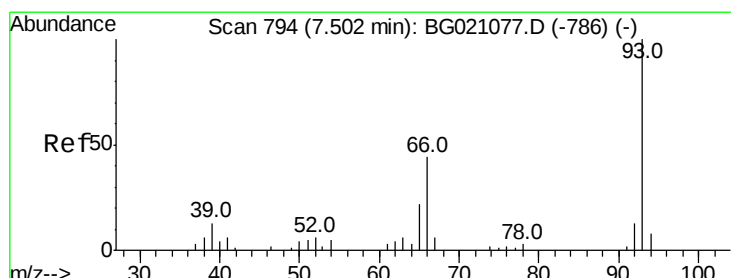
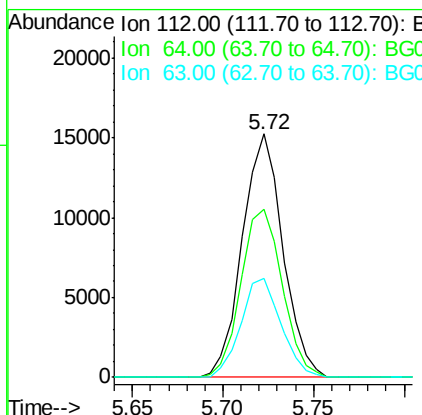
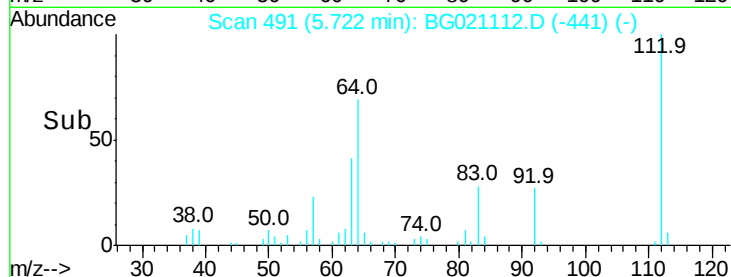
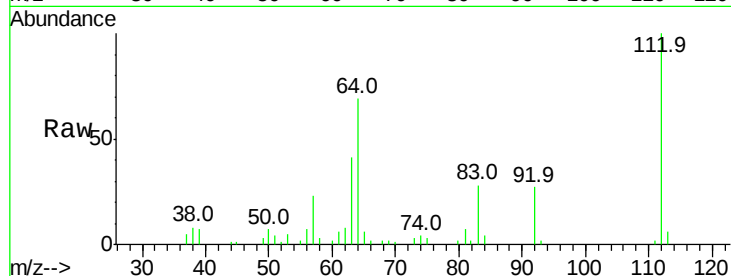
#5
 2-Fluorophenol
 Concen: 63.95 ng
 RT: 5.72 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MS

Tot Ion:	112	Resp:	23690
Ion Ratio	Lower	Upper	
112	100		
64	69.3	42.6	63.8#
63	40.6	21.7	32.5#

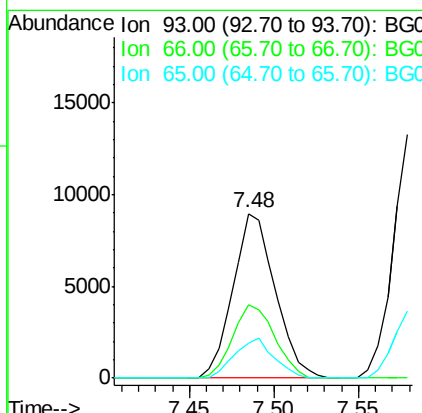
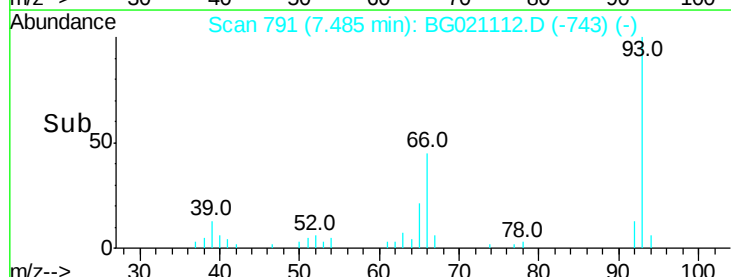
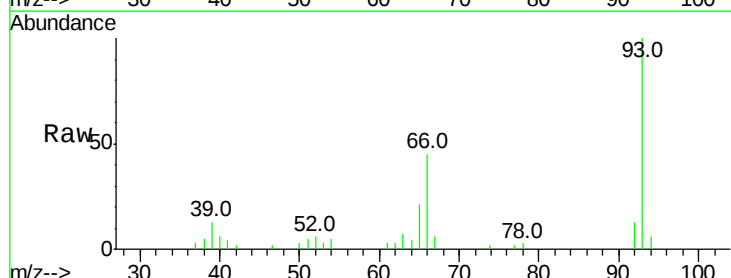
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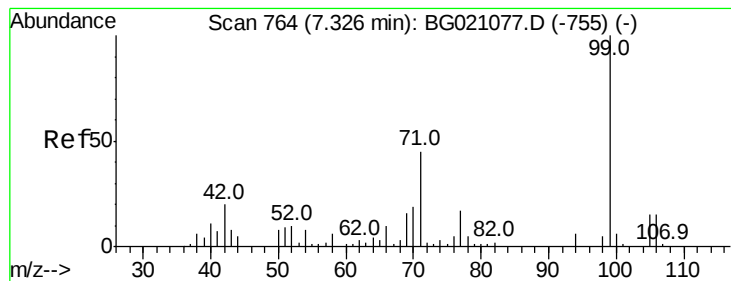
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#6
 Aniline
 Concen: 22.81 ng
 RT: 7.48 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Tgt Ion:	93	Resp:	15554
Ion Ratio	Lower	Upper	
93	100		
66	44.8	30.1	45.1
65	21.0	16.6	24.8





#7

Phenol-d6

Concen: 39.62 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Instrument :

BNA_G

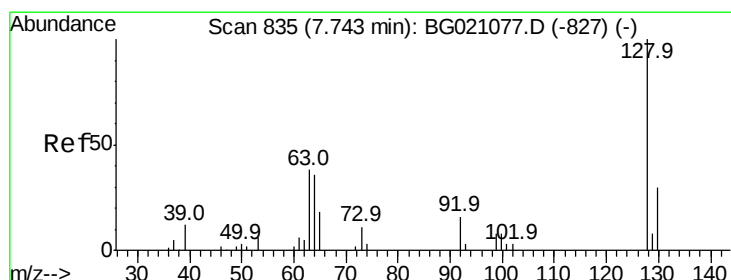
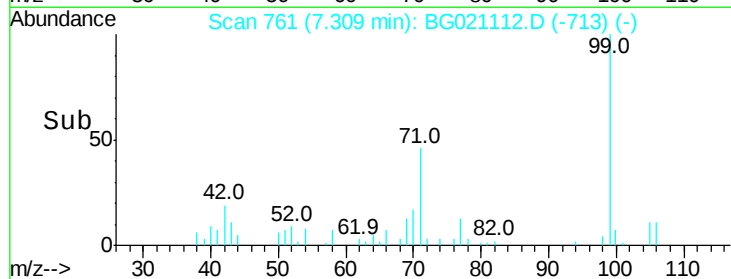
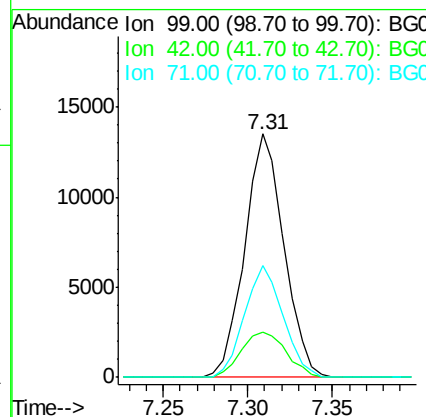
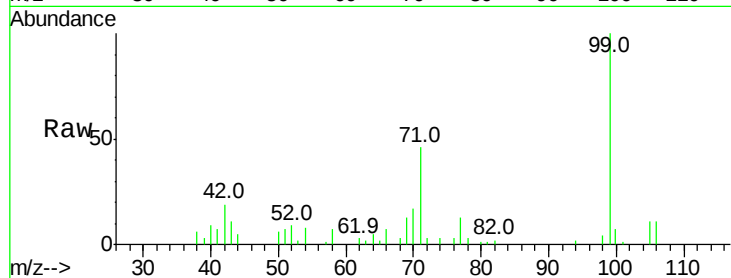
ClientSampleId :

CEB-3-20160224MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		21839		
42	18.7	13.2	19.8		
71	45.8	25.2	37.8		

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#8

2-Chlorophenol

Concen: 40.56 ng

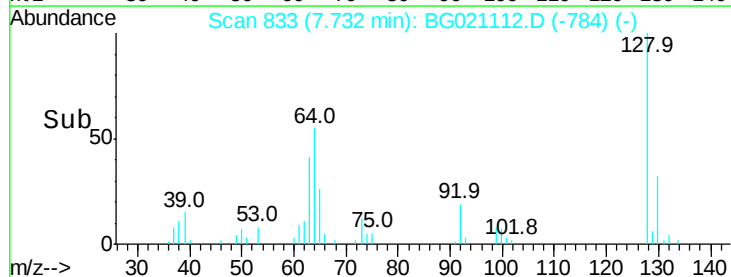
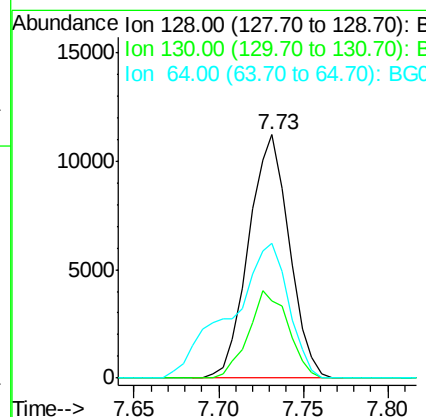
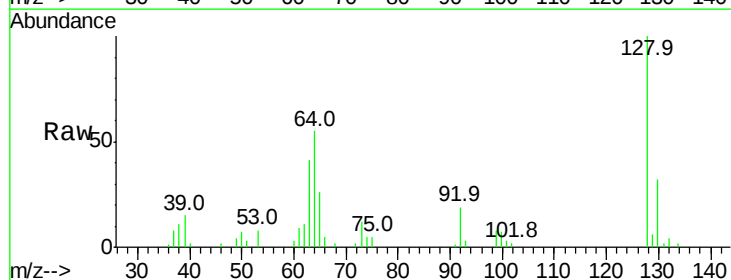
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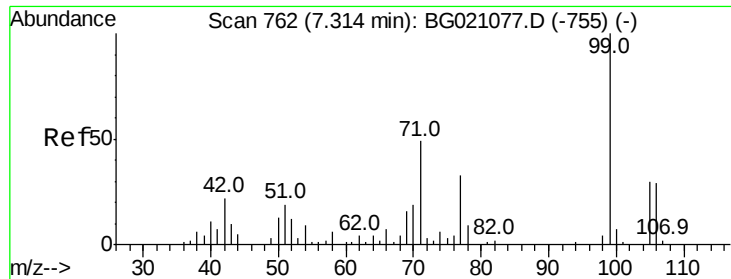
Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		18740		
130	31.8	11.9	51.9		
64	55.2	25.8	65.8		





#9

Benzaldehyde

Concen: 10.91 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224MS

Tot Ion: 77 Resp: 3258

Ion Ratio Lower Upper

77 100

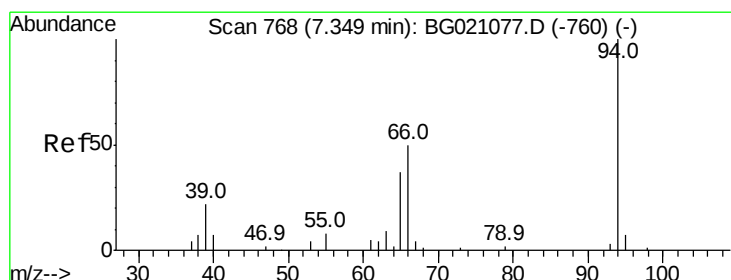
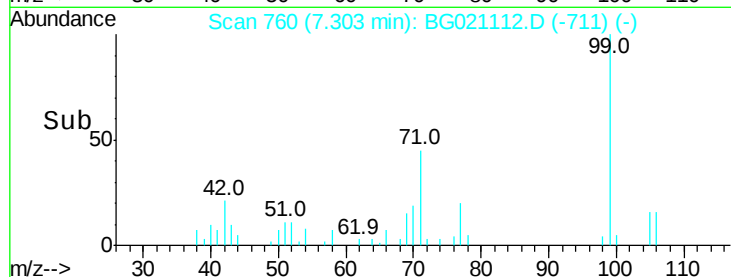
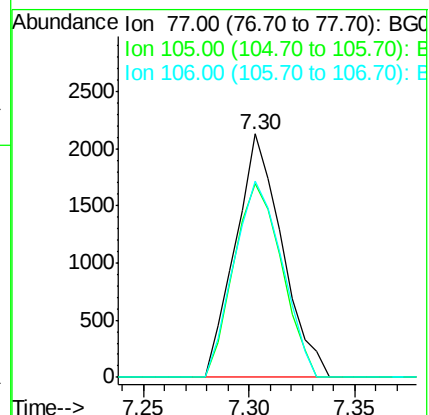
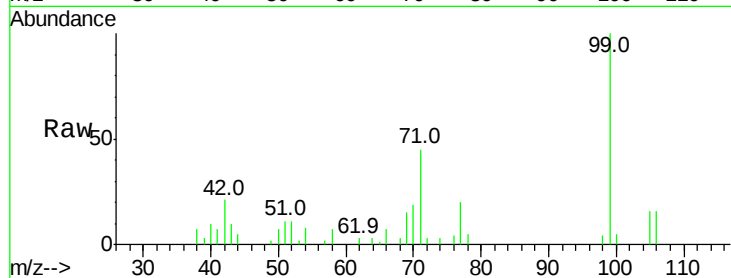
105 79.7 77.4 117.4

106 80.5 72.8 112.8

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#10

Phenol

Concen: 14.42 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

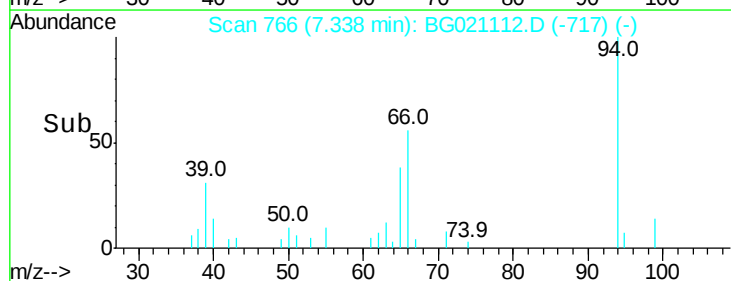
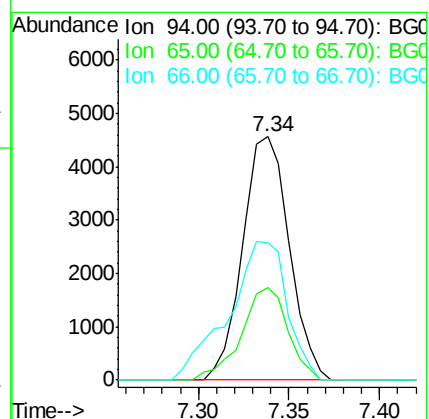
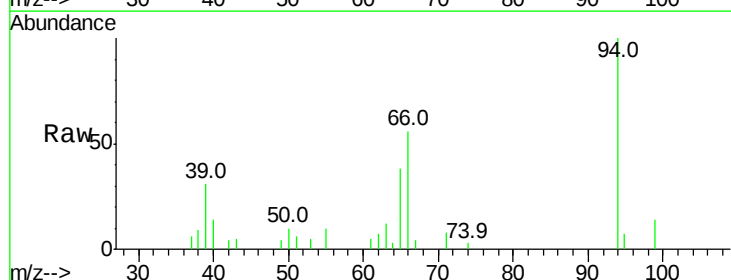
Tgt Ion: 94 Resp: 8142

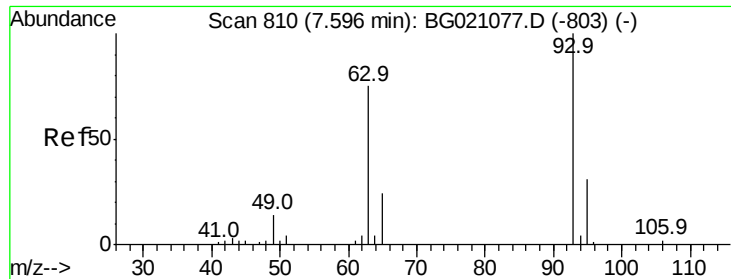
Ion Ratio Lower Upper

94 100

65 38.2 7.2 47.2

66 56.3 15.4 55.4#





#11

bis(2-Chloroethyl)ether

Concen: 52.94 ng

RT: 7.58 min Scan# 808

Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Instrument :

BNA_G

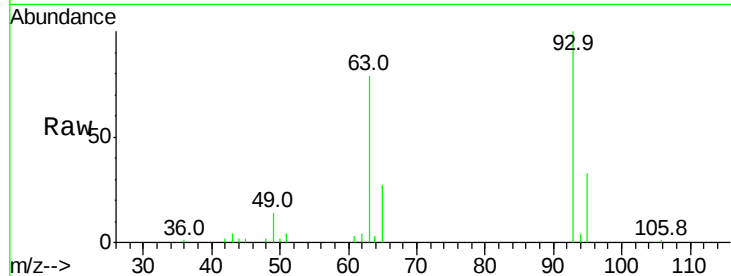
ClientSampleId :

CEB-3-20160224MS

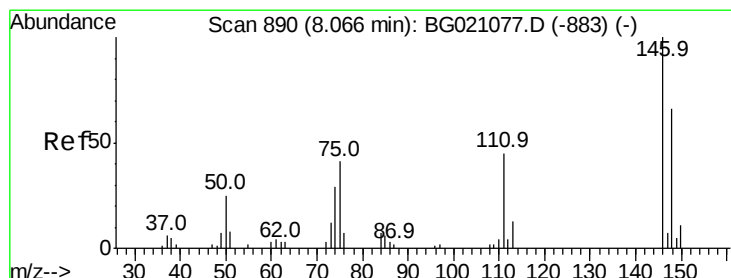
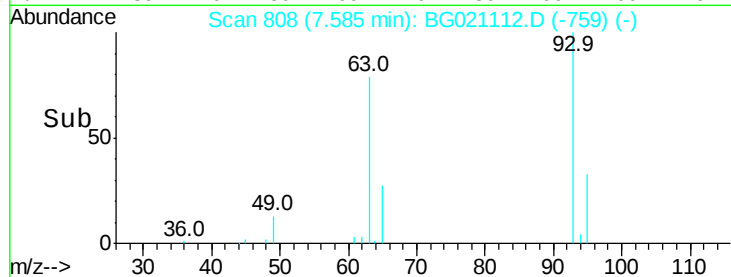
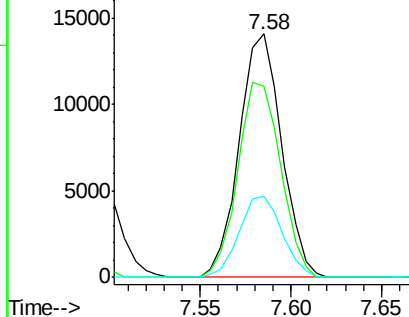
Tot Ion:	93	Resp:	22915
Ion Ratio	Lower	Upper	
93	100		
63	78.5	60.5	100.5
95	33.4	14.6	54.6

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Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 48.20 ng

RT: 8.06 min Scan# 889

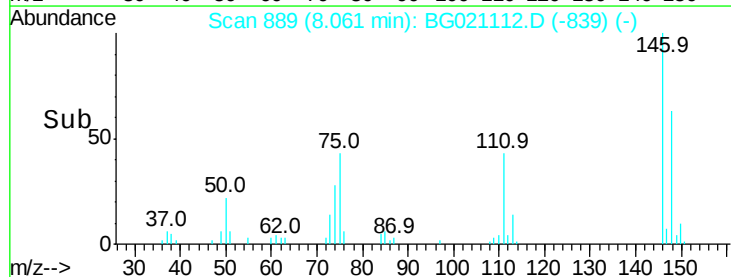
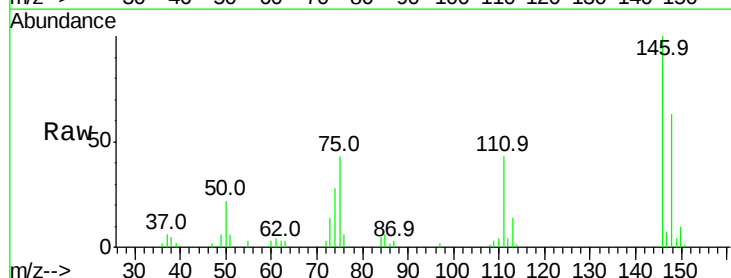
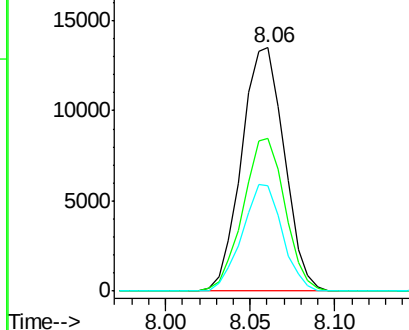
Delta R.T. -0.01 min

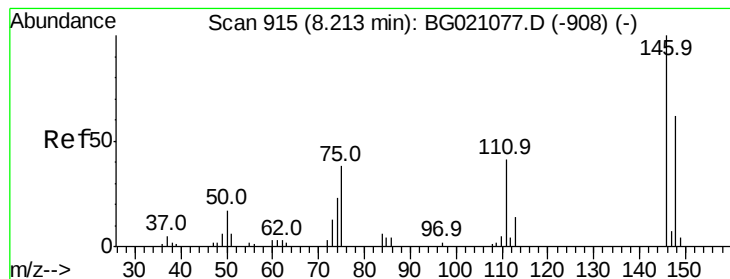
Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Tgt Ion:	146	Resp:	23702
Ion Ratio	Lower	Upper	
146	100		
148	62.5	52.6	78.8
75	43.5	24.0	36.0#

Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 45.63 ng

RT: 8.20 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Instrument :

BNA_G

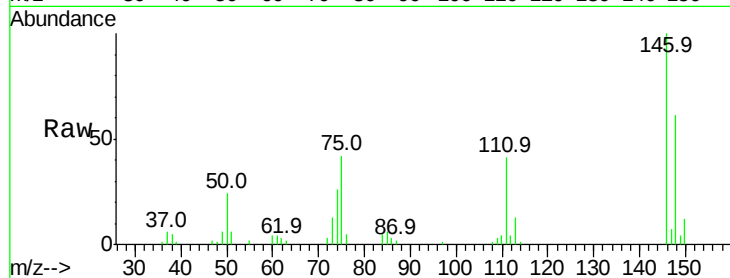
ClientSampleId :

CEB-3-20160224MS

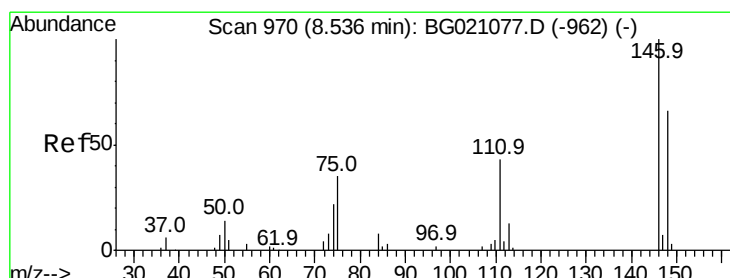
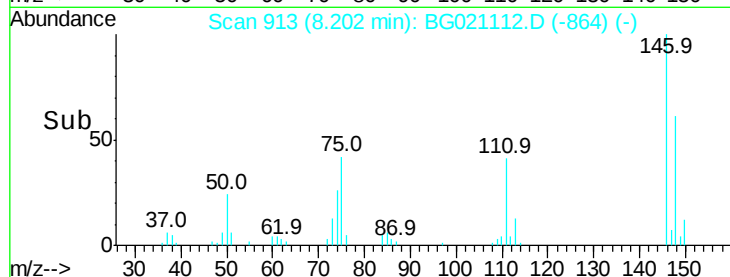
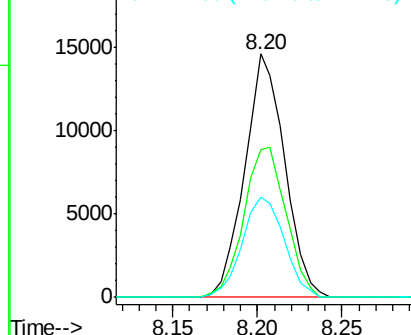
Tot Ion:	146	Resp:	23967
Ion Ratio	Lower	Upper	
146	100		
148	60.5	50.2	75.4
111	41.3	31.9	47.9

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



#14

1,2-Dichlorobenzene

Concen: 46.36 ng

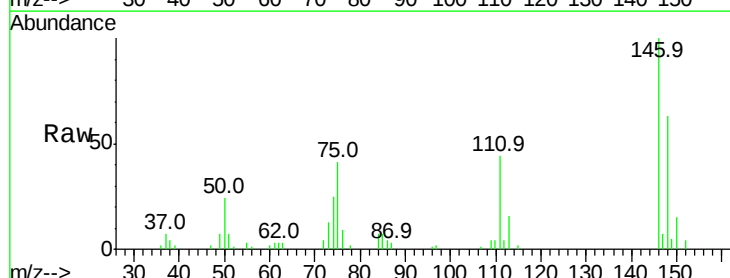
RT: 8.52 min Scan# 968

Delta R.T. -0.01 min

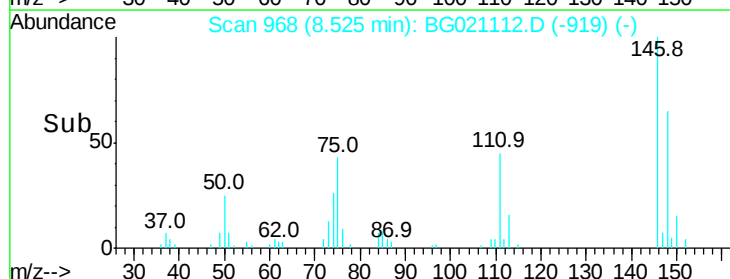
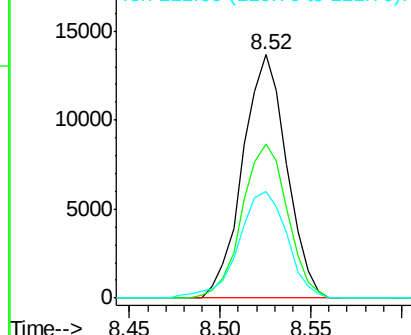
Lab File: BG021112.D

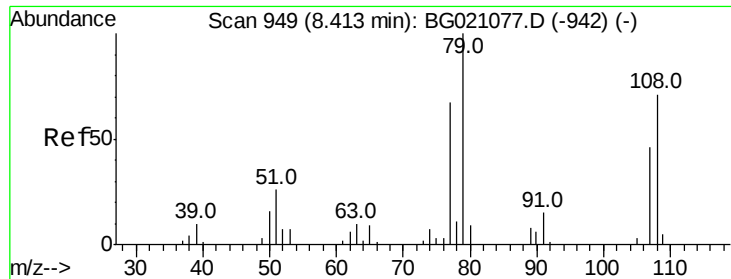
Acq: 27 Feb 2016 13:09

Tgt Ion:	146	Resp:	23055
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.5	75.7
111	43.9	35.4	53.2



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





#15

Benzyl Alcohol

Concen: 32.67 ng

RT: 8.40 min Scan# 947

Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Instrument :

BNA_G

ClientSampleId :

CEB-3-20160224MS

Tot Ion: 79 Resp: 15732

Ion Ratio Lower Upper

79 100

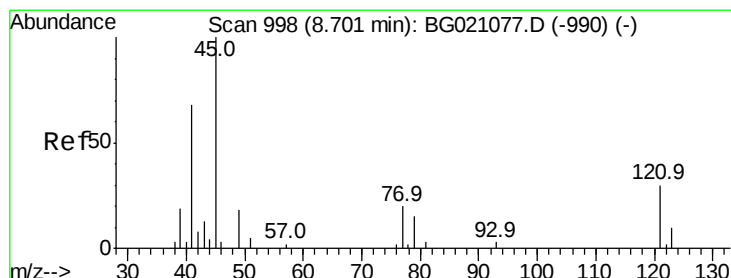
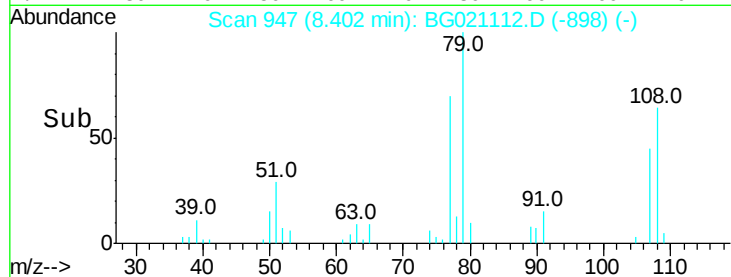
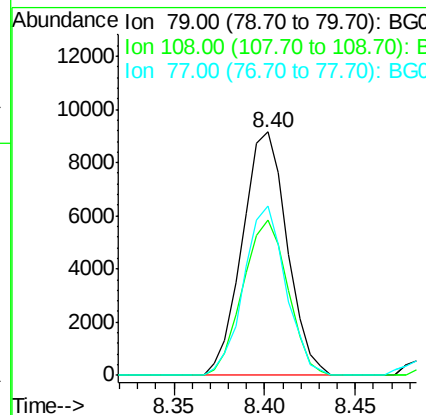
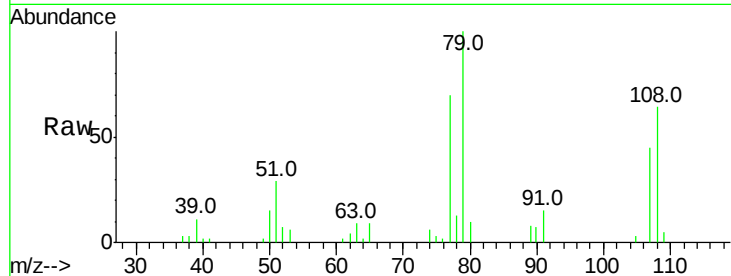
108 63.7 65.1 97.7#

77 69.5 53.8 80.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 60.80 ng

RT: 8.70 min Scan# 997

Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

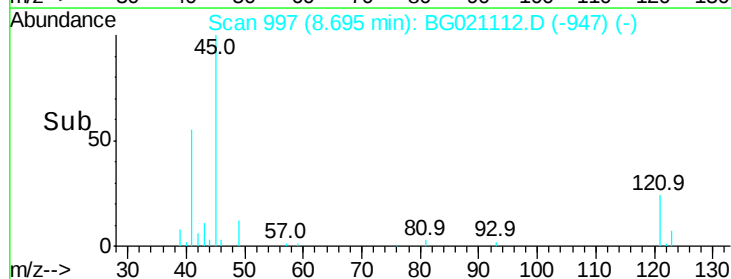
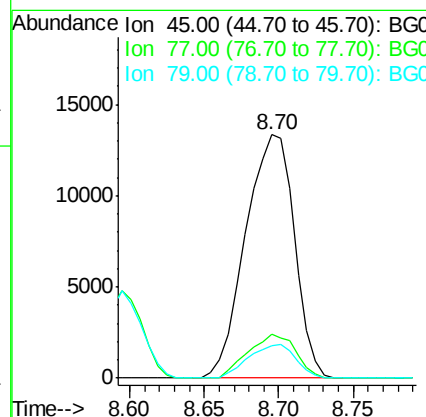
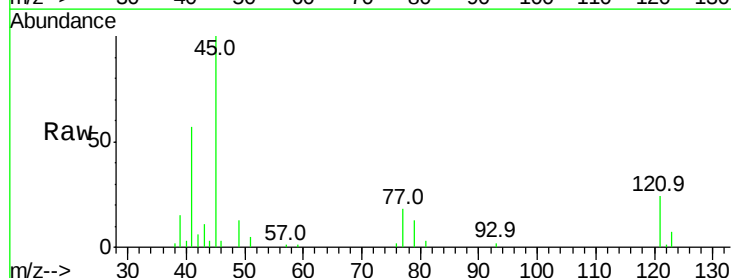
Tgt Ion: 45 Resp: 30170

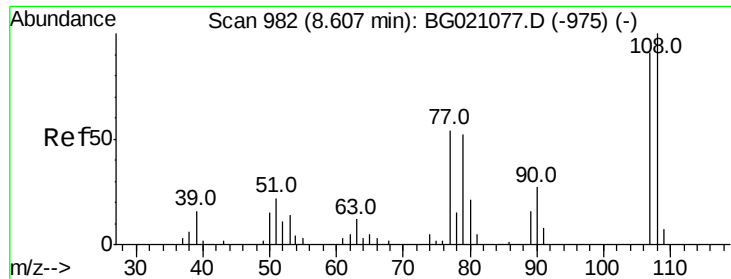
Ion Ratio Lower Upper

45 100

77 17.9 0.0 33.3

79 13.3 0.0 29.6





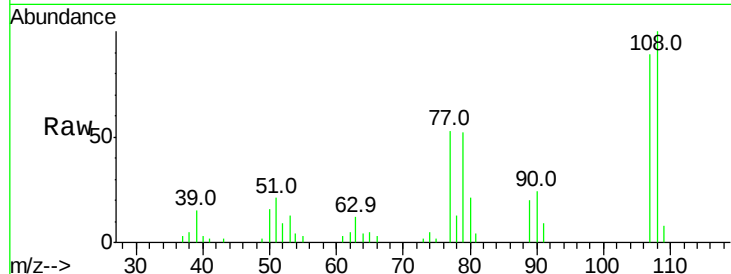
#17
2-Methylphenol
Concen: 34.71 ng
RT: 8.60 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MS

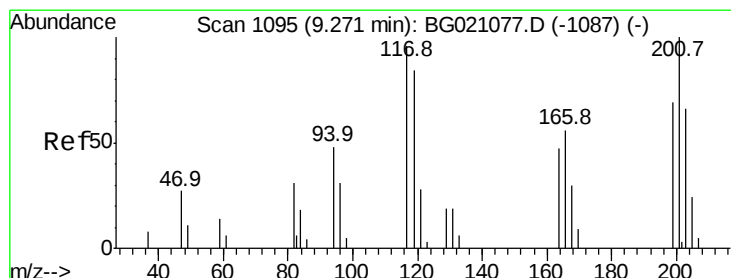
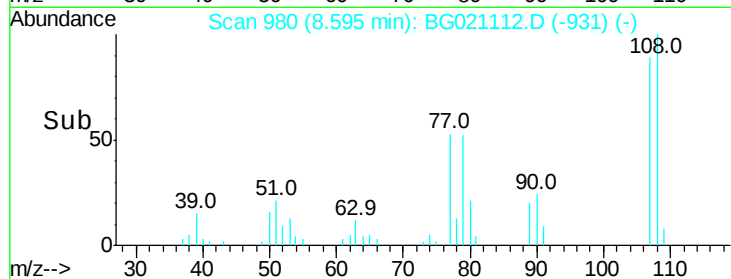
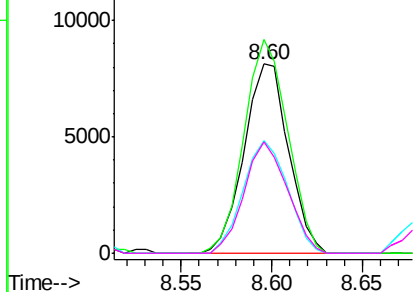
Tot Ion:	107	Resp:	13833
Ion Ratio	Lower	Upper	
107	100		
108	113.0	88.8	133.2
77	59.4	38.0	57.0#
79	58.7	32.6	49.0#

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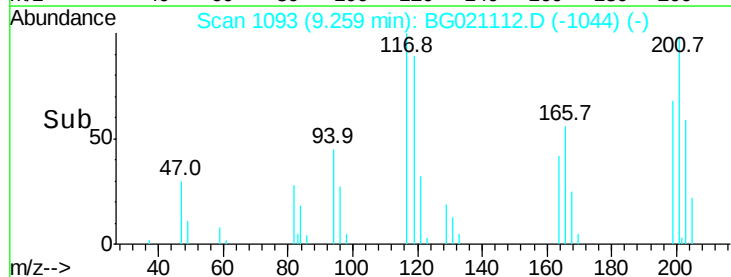
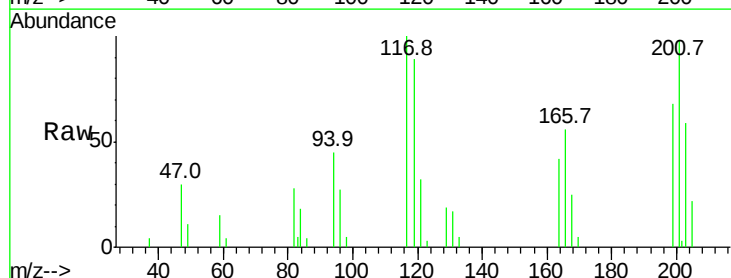
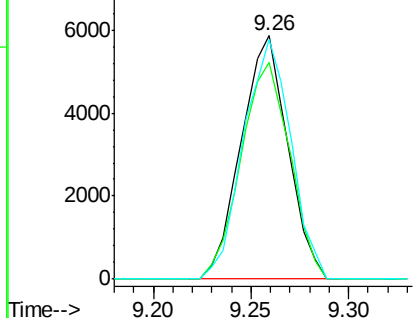
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

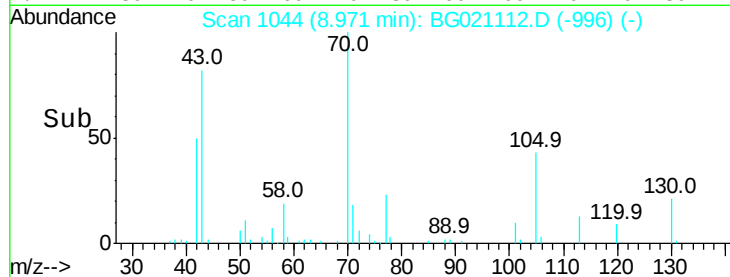
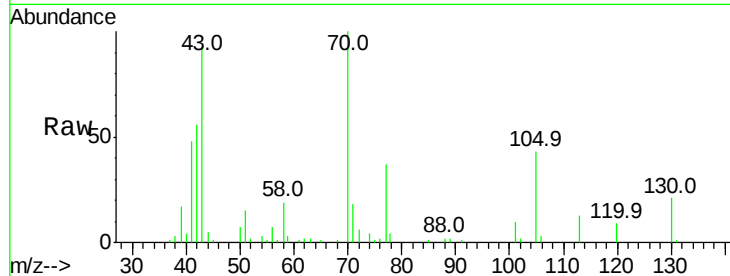
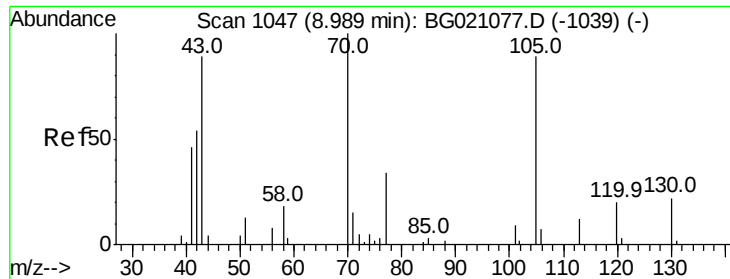


#18
Hexachloroethane
Concen: 48.75 ng
RT: 9.26 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Tgt Ion:	117	Resp:	9687
Ion Ratio	Lower	Upper	
117	100		
119	88.9	74.5	111.7
201	98.4	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





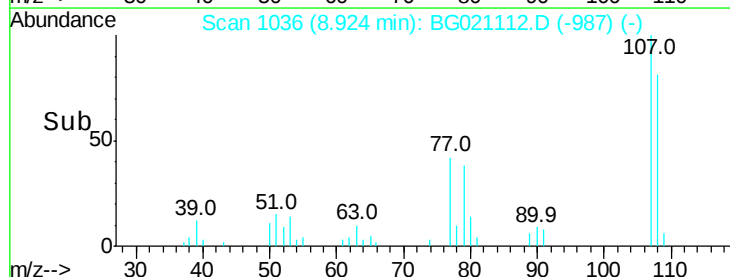
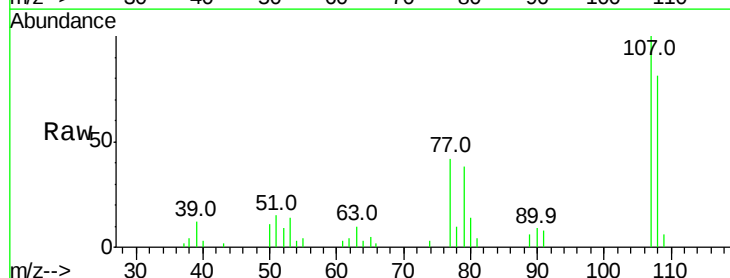
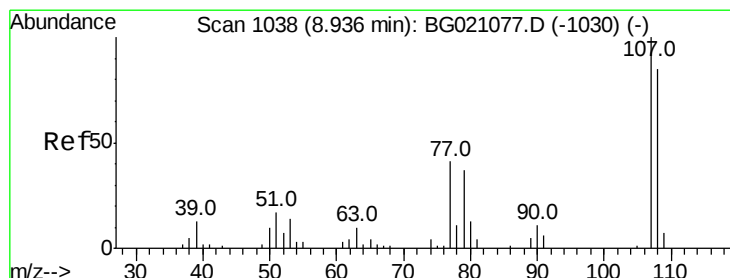
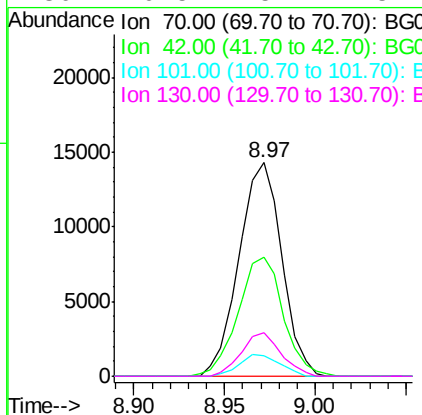
#19
n-Nitroso-di-n-propylamine
Concen: 55.46 ng
RT: 8.97 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MS

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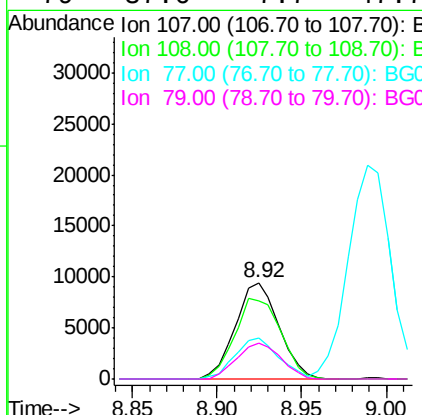
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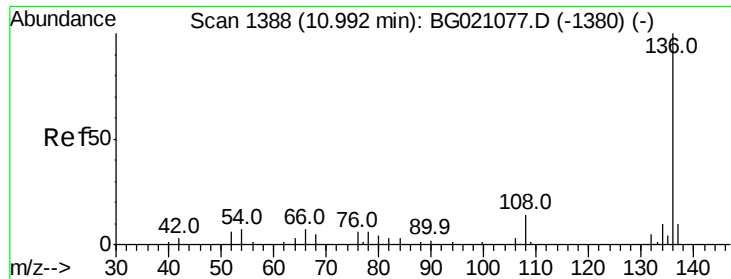
Tot Ion	Ion	Ratio	Lower	Upper
23581	70	100		
	42	56.0	48.8	73.2
	101	9.7	8.5	12.7
	130	20.5	15.4	23.2



#20
3+4-Methylphenols
Concen: 30.47 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Tgt Ion	Ion	Ratio	Lower	Upper
16837	107	100		
	108	80.7	67.6	107.6
	77	42.3	14.4	54.4
	79	37.6	7.7	47.7





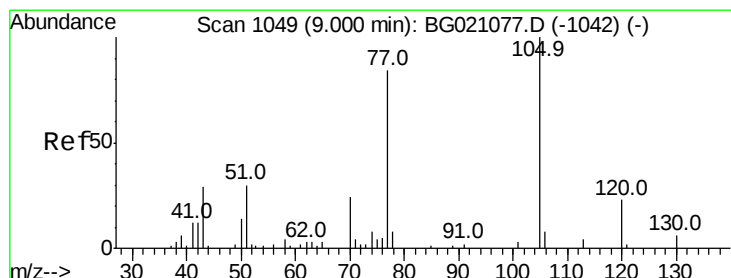
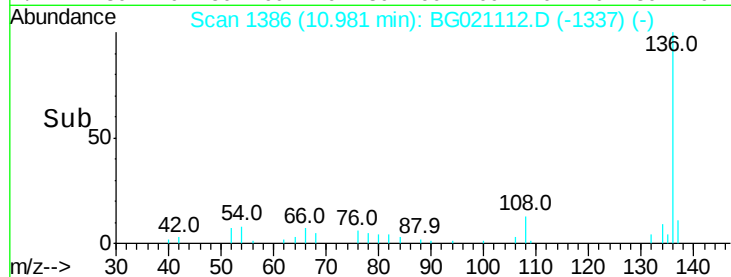
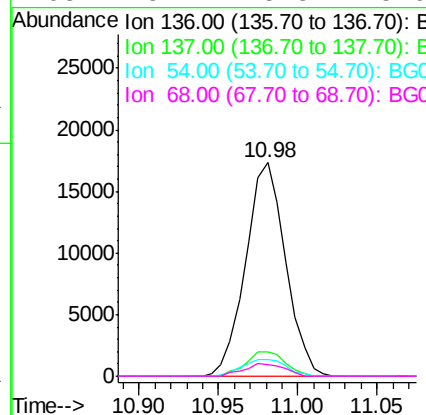
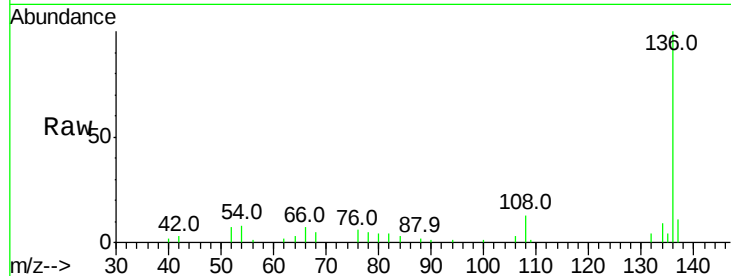
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.8	13.2	
54	8.0	6.9	10.3	
68	5.1	5.8	8.6	

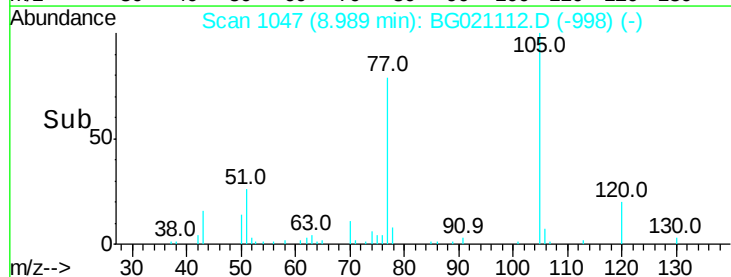
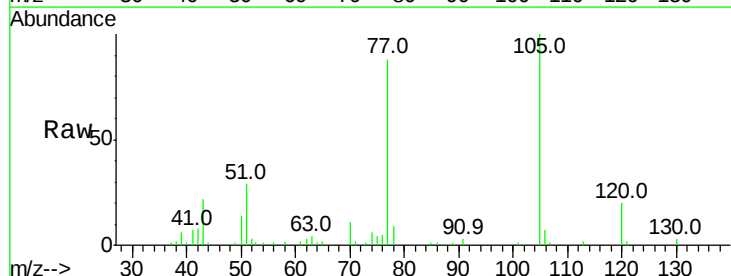
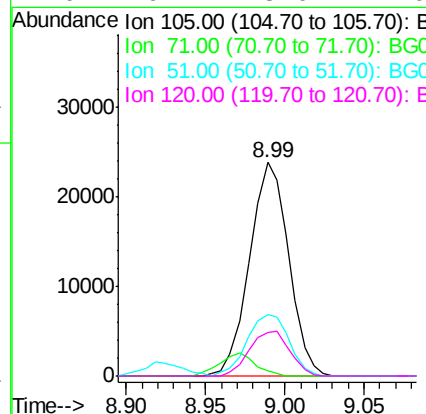
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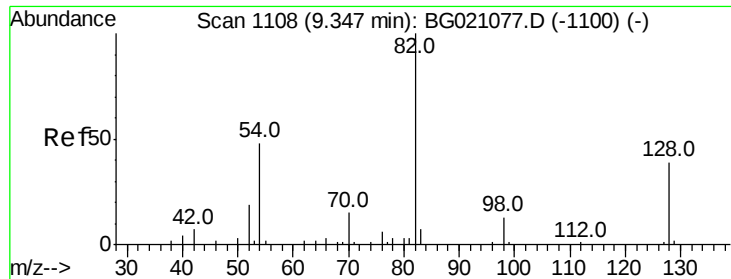
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#22
Acetophenone
Concen: 48.87 ng
RT: 8.99 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.4	0.0	0.0	
51	28.7	21.4	32.2	
120	20.1	18.0	27.0	





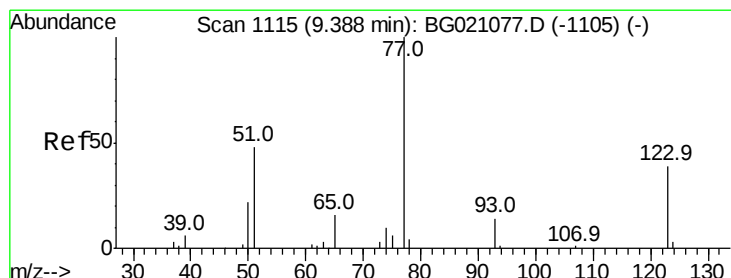
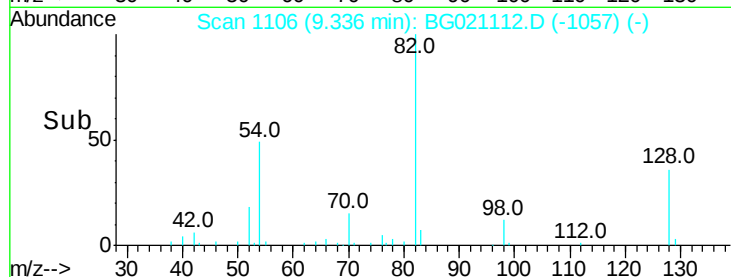
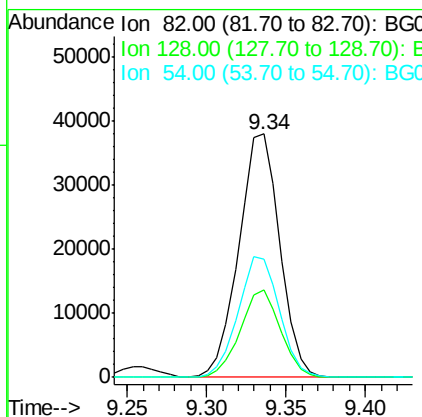
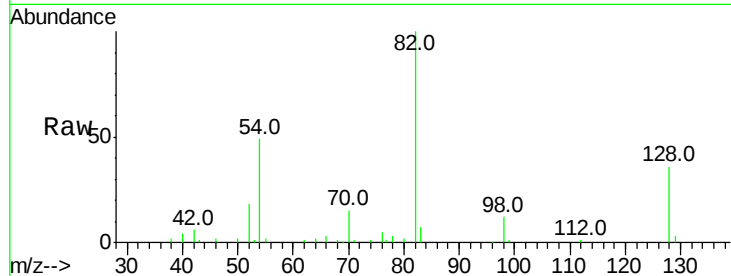
#23
 Nitrobenzene-d5
 Concen: 107.19 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.7	36.3	54.5#
54	48.8	37.6	56.4

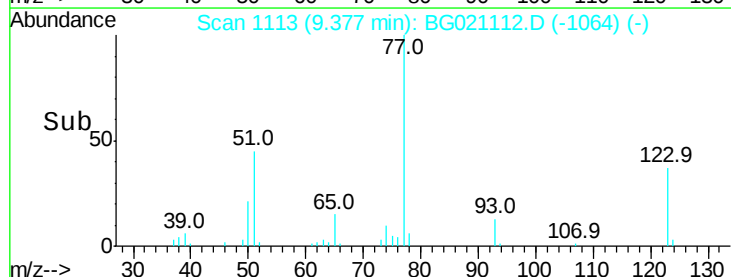
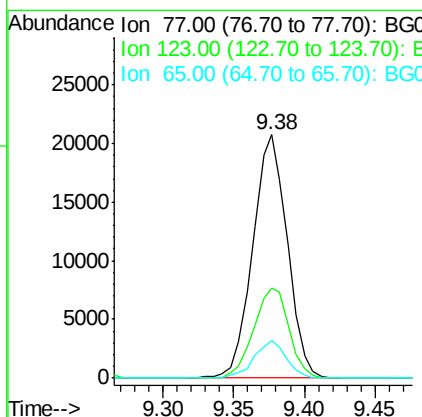
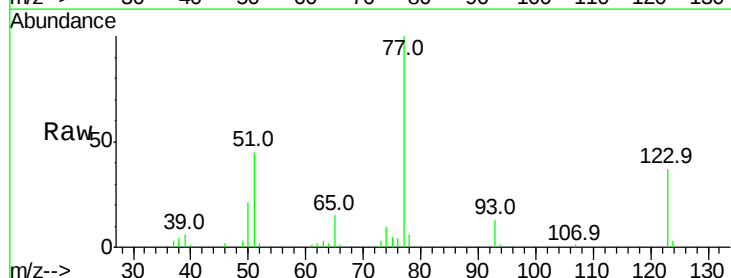
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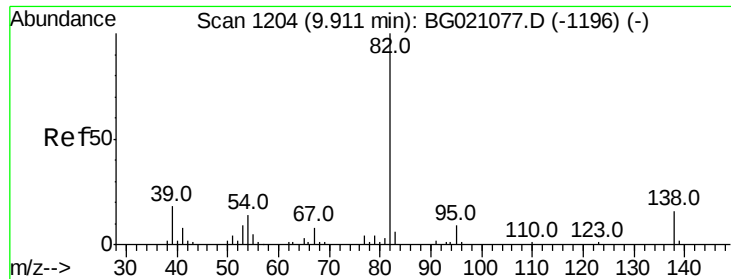
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#24
 Nitrobenzene
 Concen: 54.32 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.1	35.8	53.6
65	15.3	10.6	16.0





#25

Isophorone

Concen: 54.10 ng

RT: 9.89 min Scan# 1201

Delta R.T. -0.02 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Instrument :

BNA_G

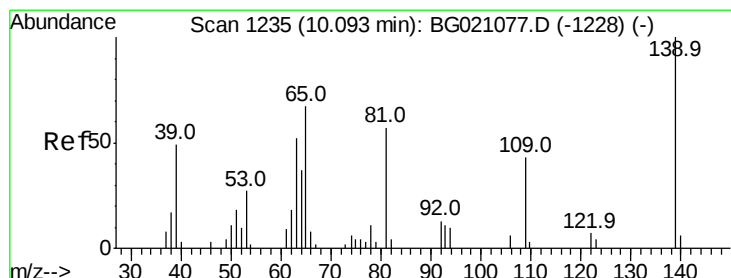
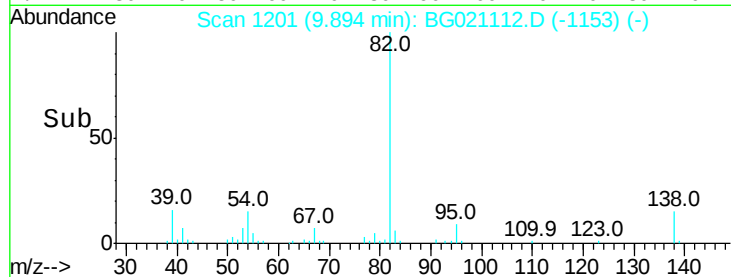
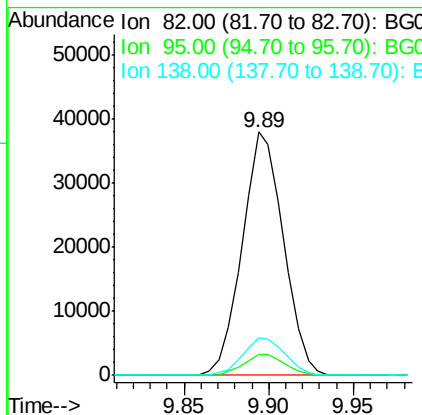
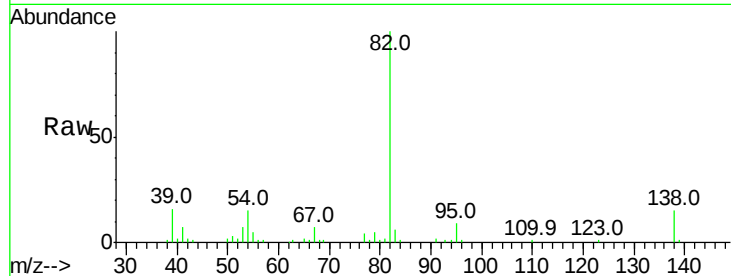
ClientSampleId :

CEB-3-20160224MS

Tot Ion:	82	Resp:	64360
Ion Ratio	Lower	Upper	
82	100		
95	8.6	5.4	8.0#
138	15.3	13.4	20.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.12 ng

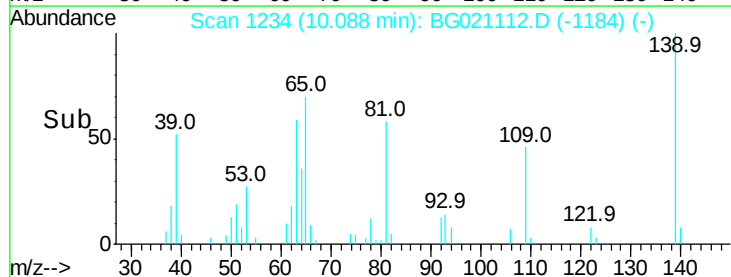
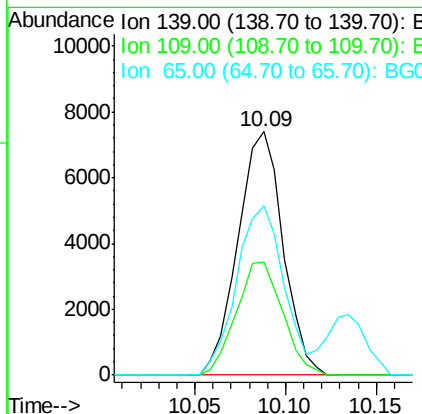
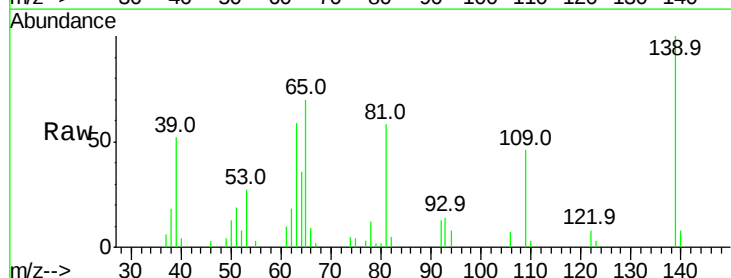
RT: 10.09 min Scan# 1234

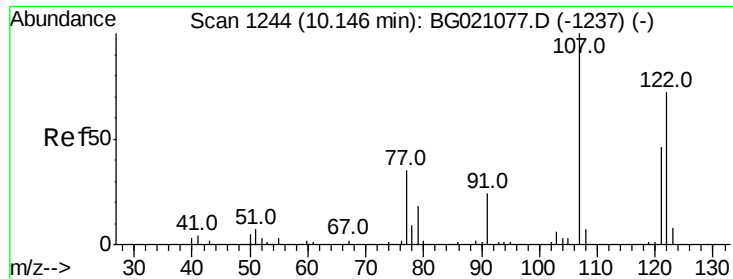
Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Tgt Ion:	139	Resp:	12787
Ion Ratio	Lower	Upper	
139	100		
109	46.3	21.4	32.0#
65	69.5	37.8	56.8#





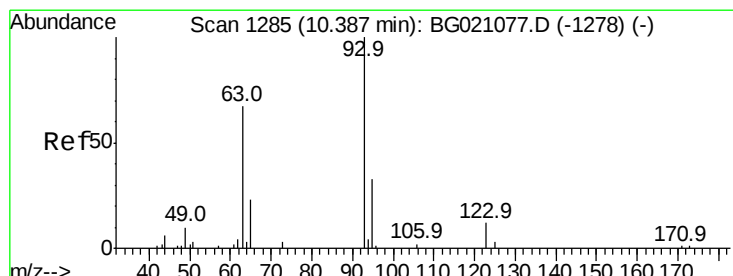
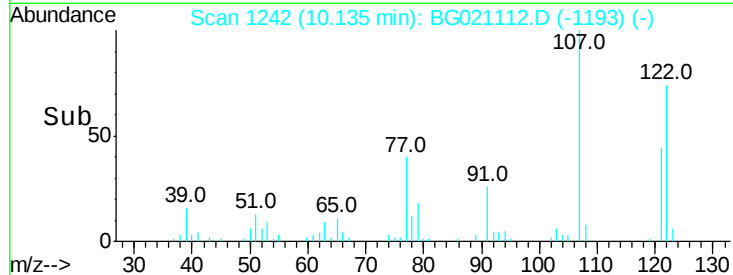
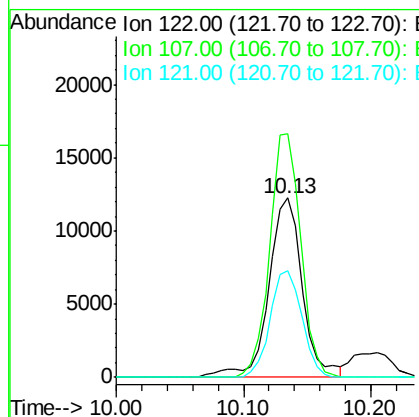
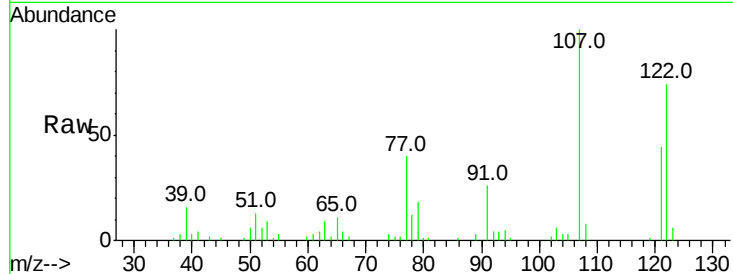
#27
 2,4-Dimethylphenol
 Concen: 46.12 ng
 RT: 10.13 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MS

Tot Ion:	122	Resp:	22552
Ion Ratio	Lower	Upper	
122	100		
107	135.7	94.1	141.1
121	59.4	45.9	68.9

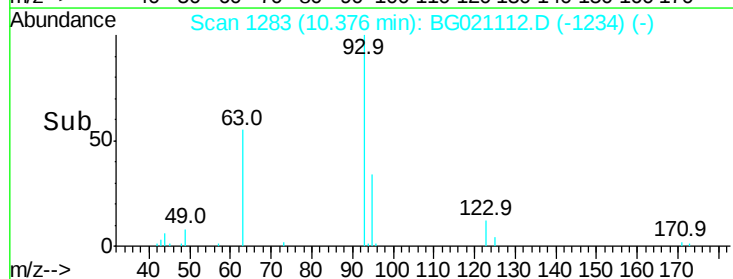
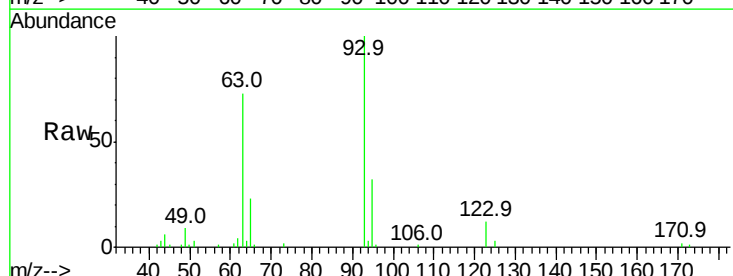
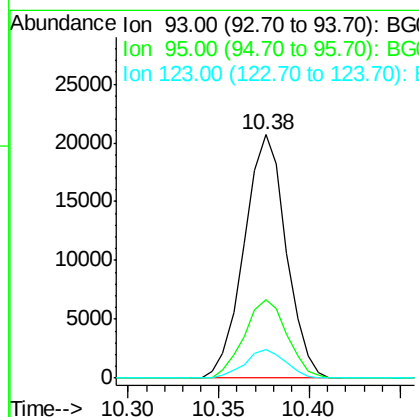
Manual Integrations
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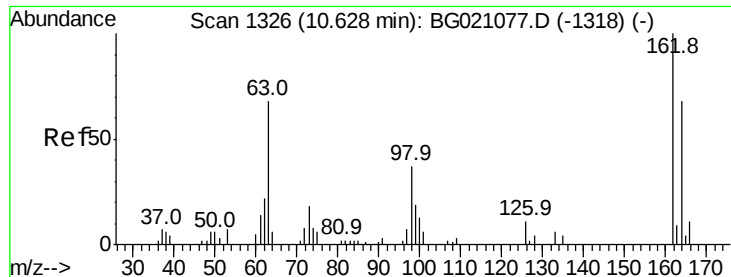
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#28
 bis(2-Chloroethoxy)methane
 Concen: 57.30 ng
 RT: 10.38 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Tgt Ion:	93	Resp:	33222
Ion Ratio	Lower	Upper	
93	100		
95	32.4	24.2	36.2
123	11.9	9.0	13.6





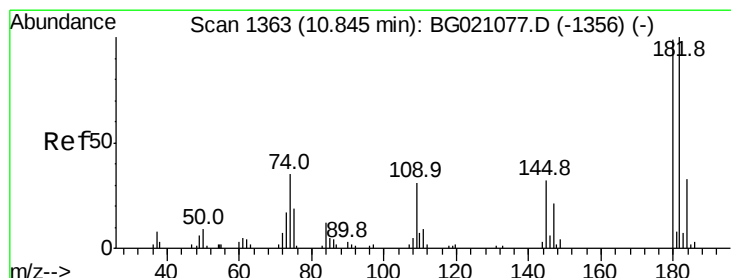
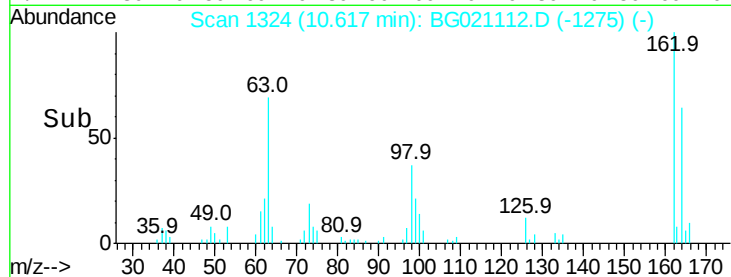
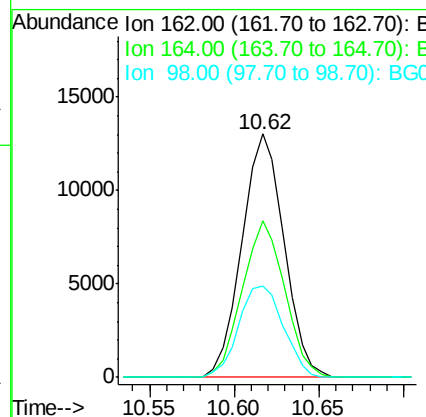
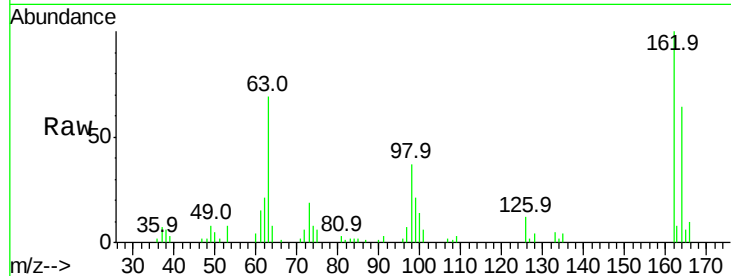
#29
 2,4-Dichlorophenol
 Concen: 47.27 ng
 RT: 10.62 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	22629		
164	64.4		43.7	83.7
98	37.3		18.3	58.3

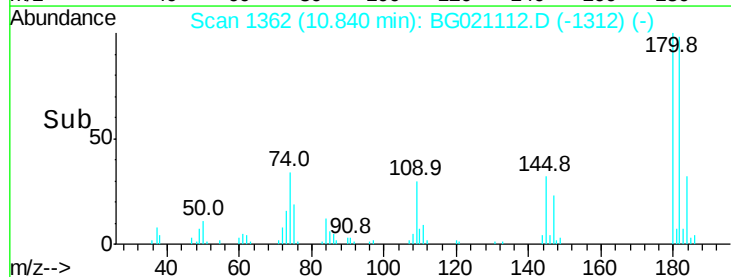
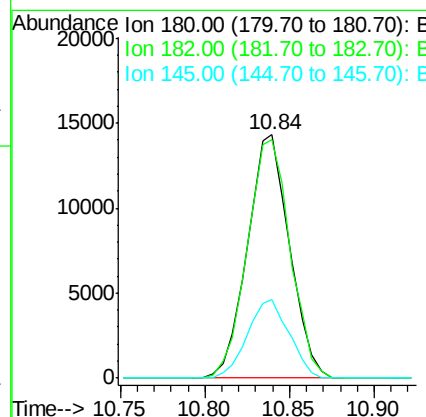
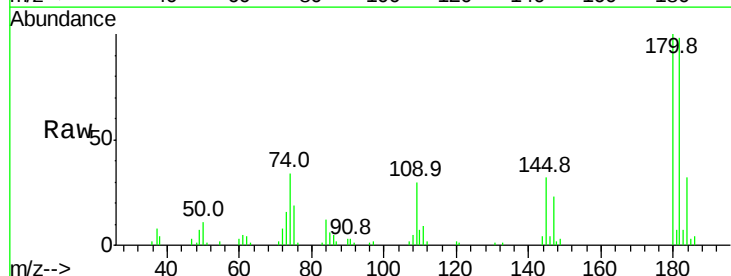
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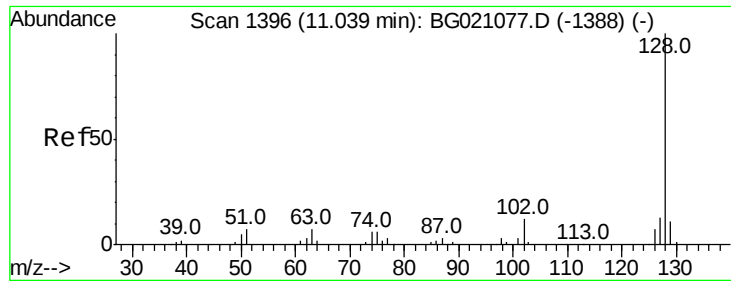
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.58 ng
 RT: 10.84 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	24729		
182	97.9		77.4	116.0
145	32.0		25.7	38.5





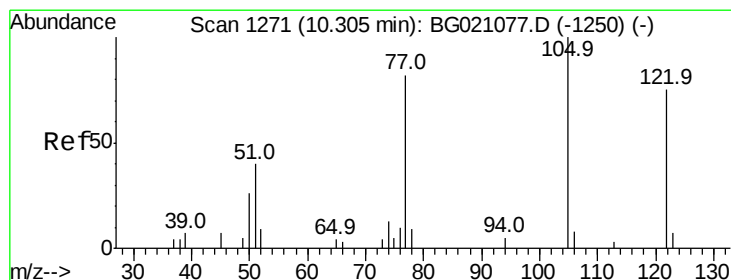
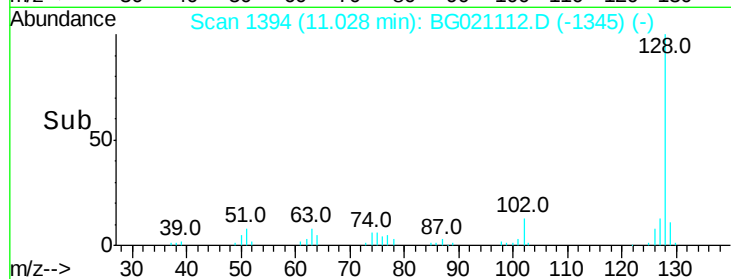
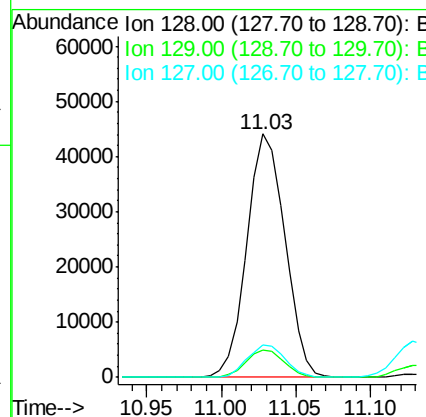
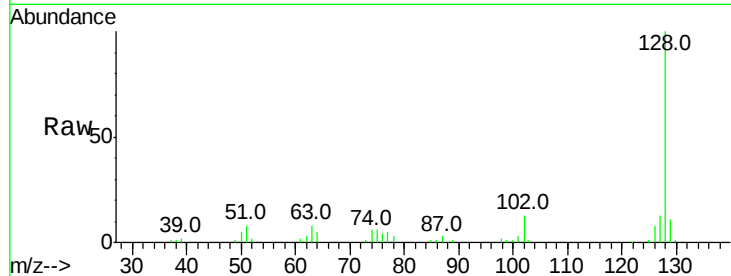
#31
Naphthalene
Concen: 50.19 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	13.1	10.8	16.2

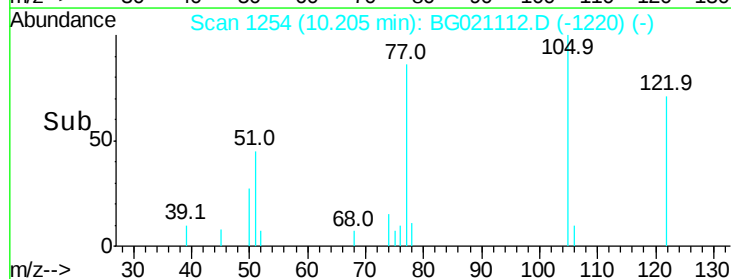
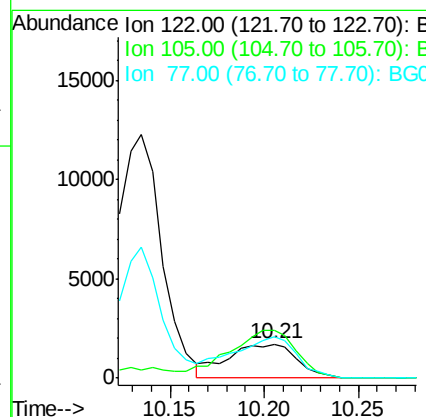
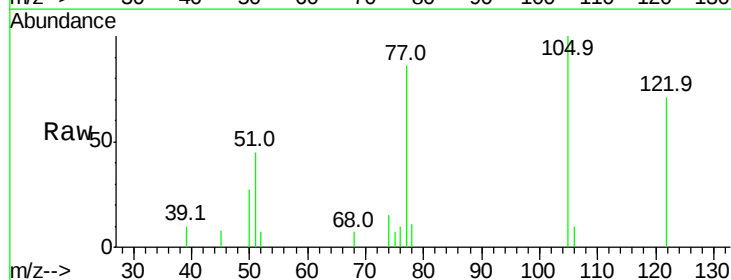
Manual Integrations
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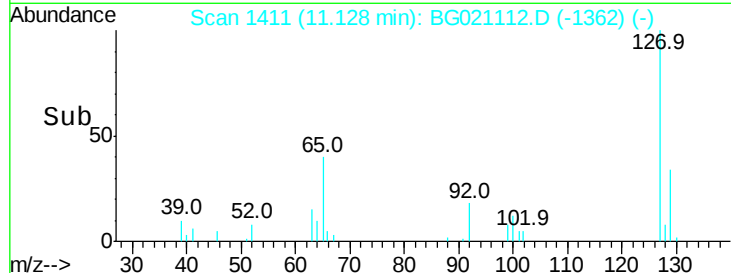
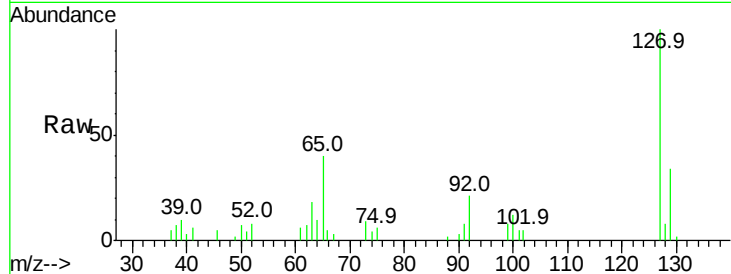
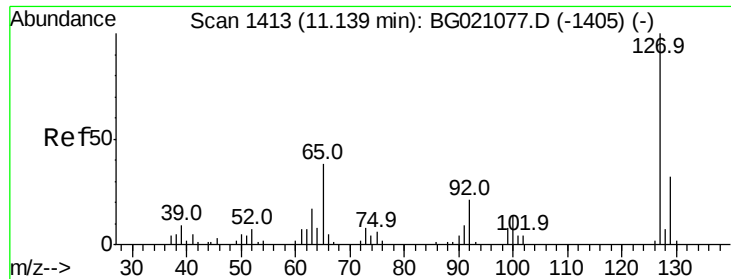
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#32
Benzoic acid
Concen: 9.72 ng m
RT: 10.21 min Scan# 1254
Delta R.T. -0.10 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	140.2	98.7	138.7#
77	119.9	84.5	124.5





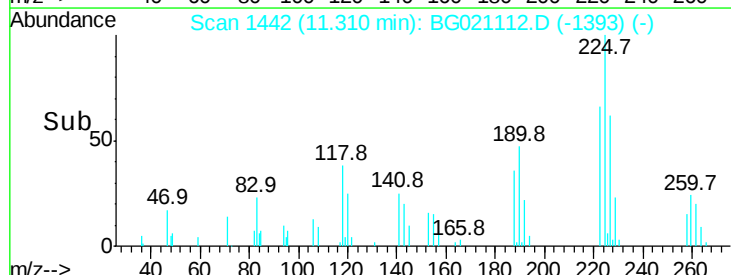
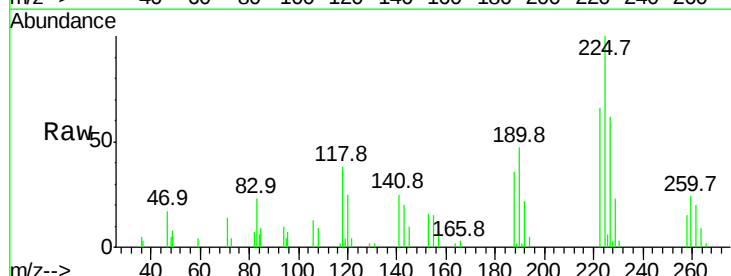
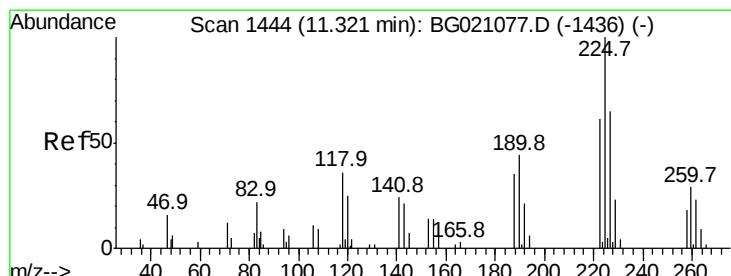
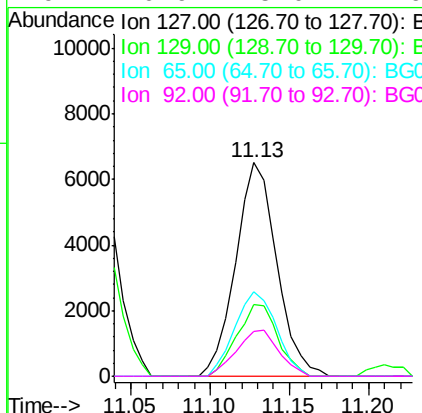
#33
4-Chloroaniline
Concen: 18.01 ng
RT: 11.13 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.8	26.2	39.2	
65	39.8	22.9	34.3	
92	20.9	15.0	22.6	

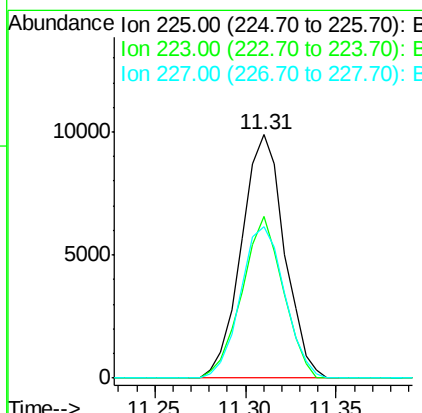
Manual Integrations
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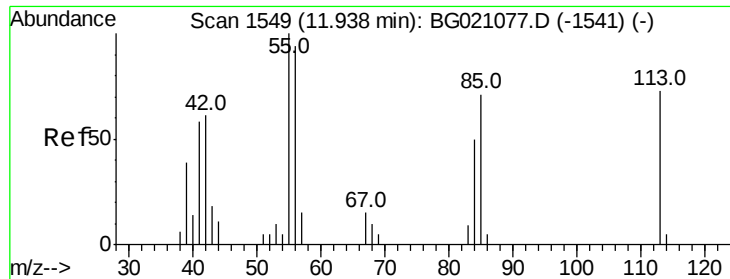
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#34
Hexachlorobutadiene
Concen: 44.84 ng
RT: 11.31 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	54.6	82.0	
227	61.7	54.6	81.8	





#35

Caprolactam

Concen: 4.80 ng

RT: 11.90 min Scan# 1543

Delta R.T. -0.03 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Instrument :

BNA_G

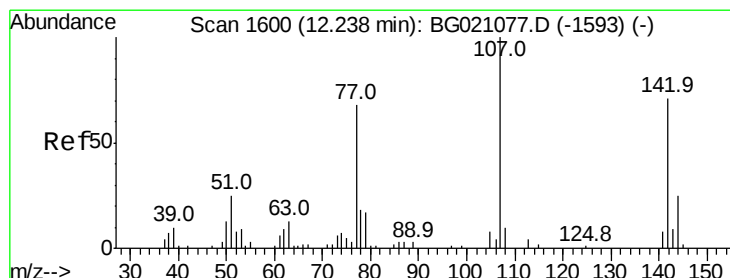
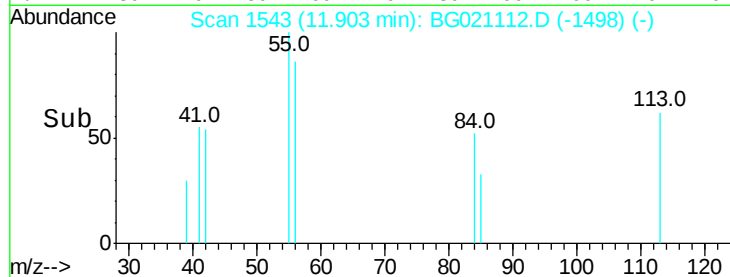
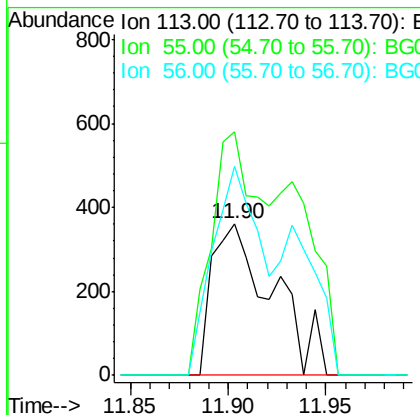
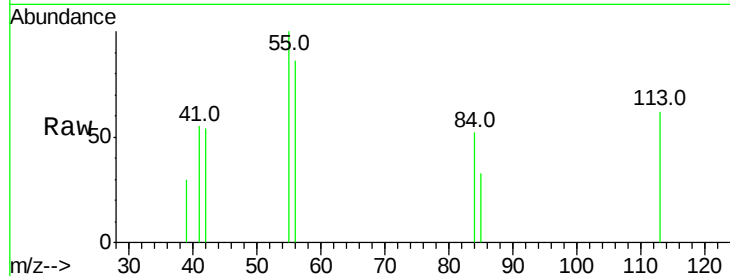
ClientSampleId :

CEB-3-20160224MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	160.2	155.2	195.2
56	137.8	94.0	134.0

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 45.04 ng

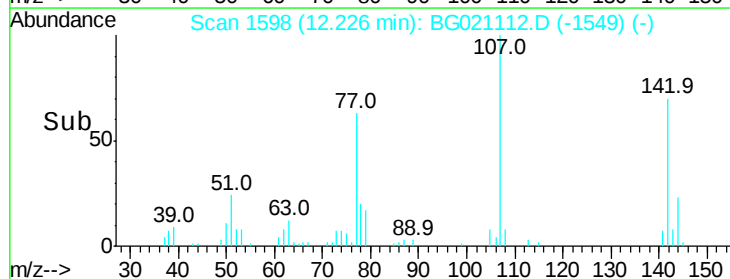
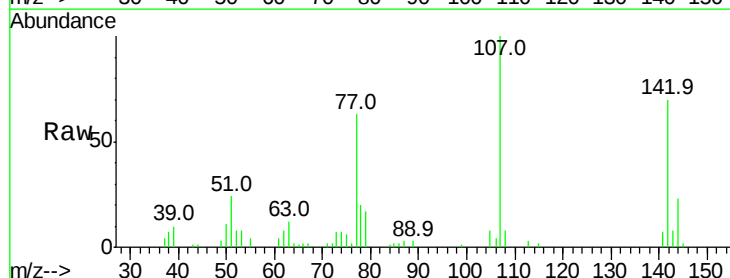
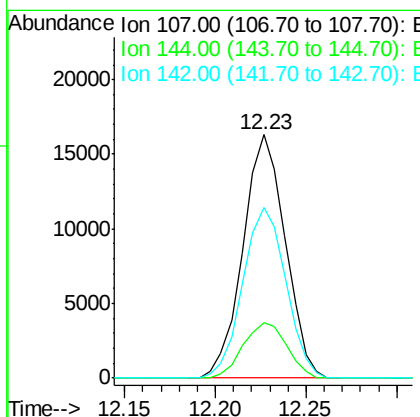
RT: 12.23 min Scan# 1598

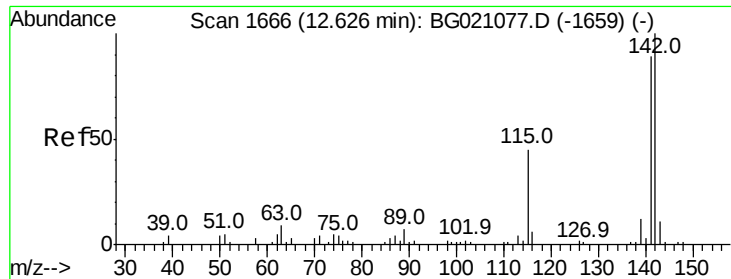
Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.5	21.8	32.8
142	70.0	65.6	98.4





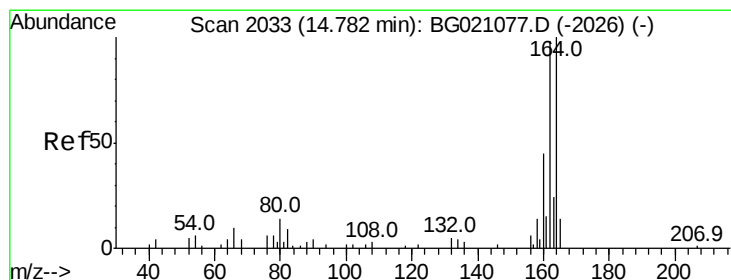
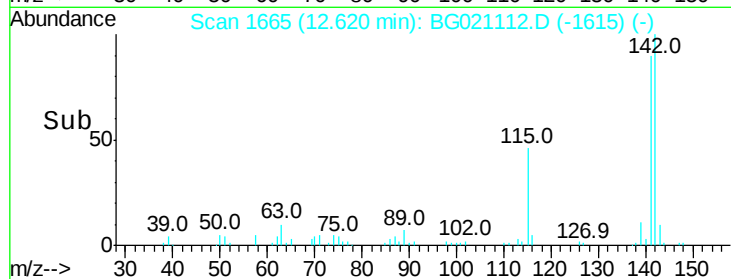
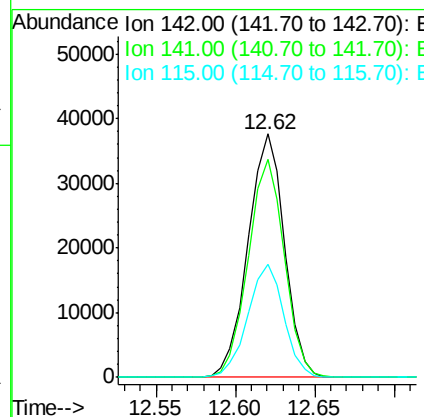
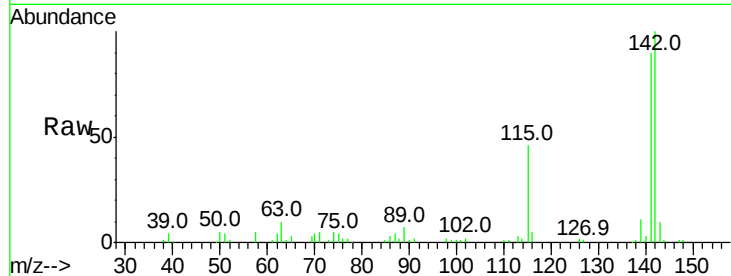
#37
2-Methylnaphthalene
Concen: 55.05 ng
RT: 12.62 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.7	107.5
115	46.4	26.2	39.4

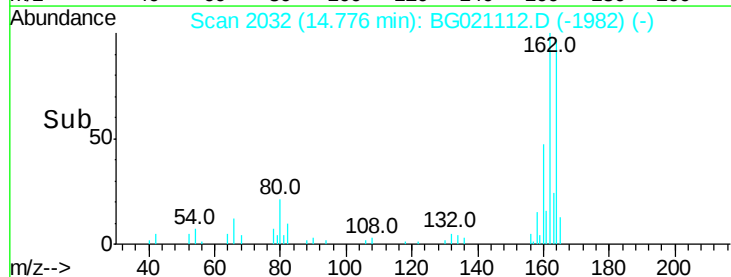
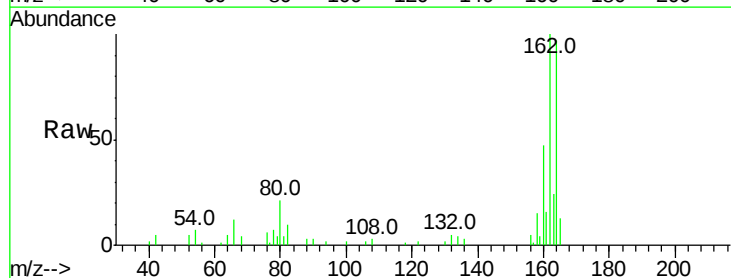
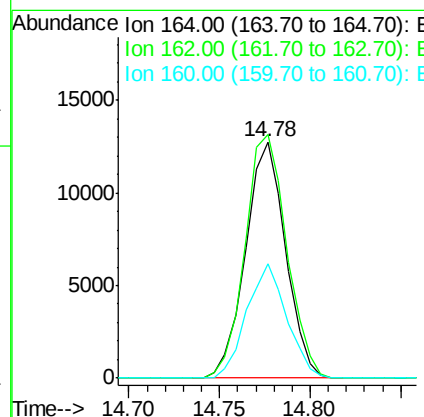
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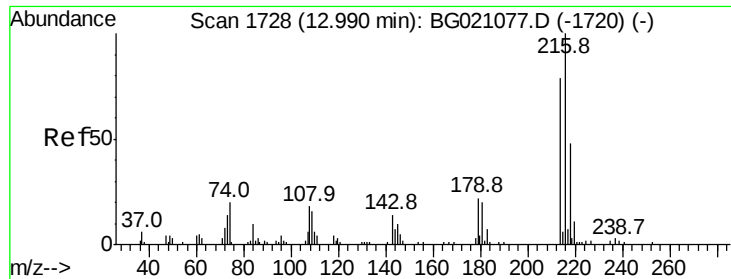
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.6	120.8
160	48.3	36.5	54.7





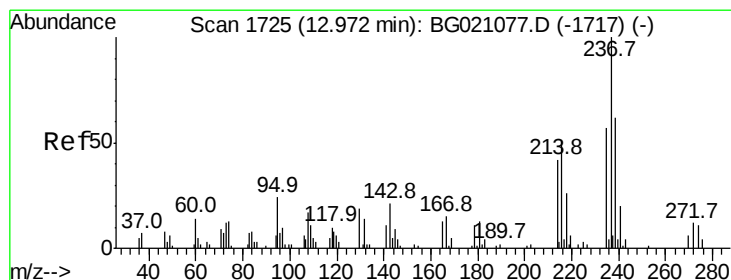
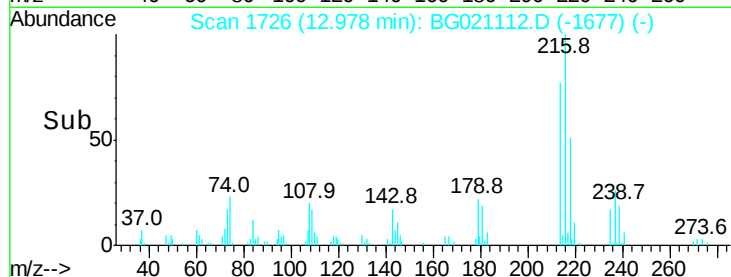
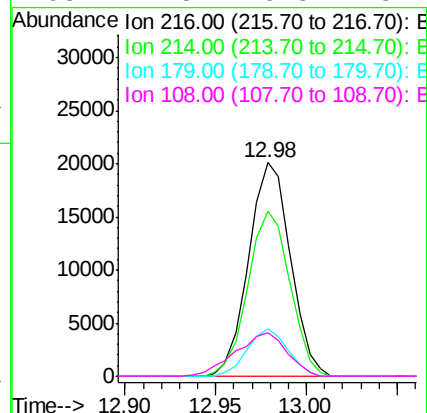
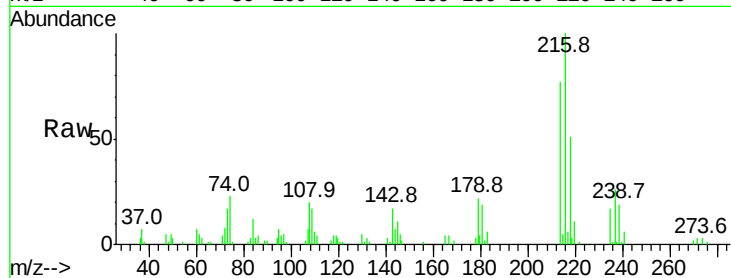
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.78 ng
 RT: 12.98 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	32291		
214	77.5	63.5	95.3	
179	21.4	17.4	26.0	
108	24.8	16.8	25.2	

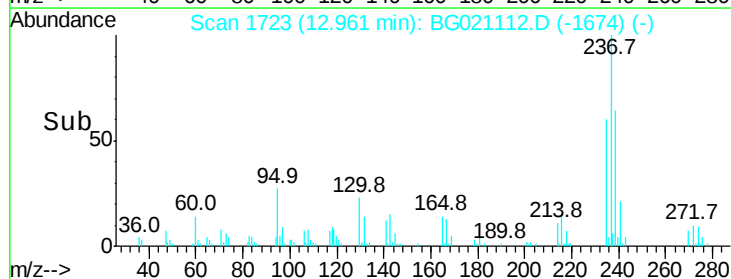
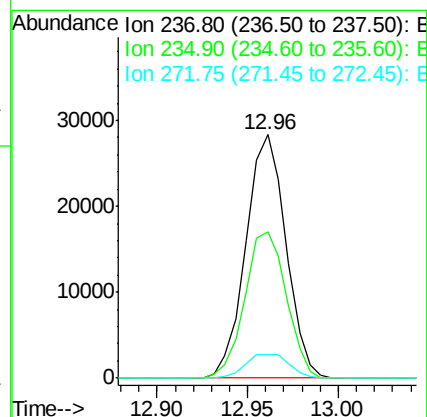
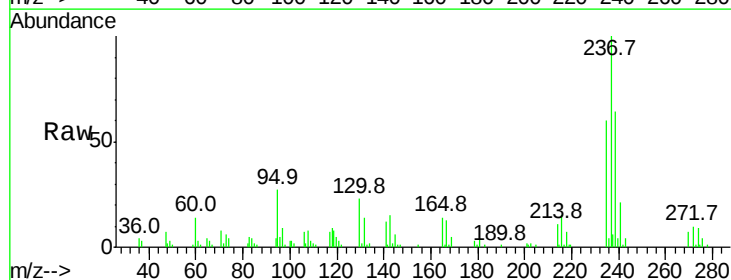
Manual Integrations
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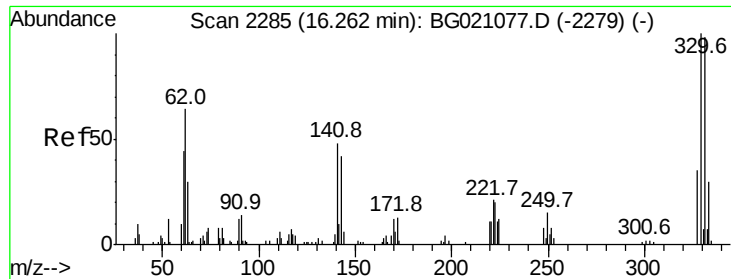
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#40
 Hexachlorocyclopentadiene
 Concen: 91.60 ng
 RT: 12.96 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	43434		
235	59.9	42.9	82.9	
272	9.8	0.0	32.3	





#41

2,4,6-Tribromophenol

Concen: 137.76 ng

RT: 16.26 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Instrument :

BNA_G

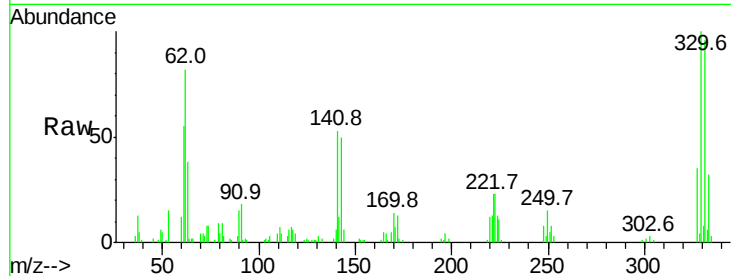
ClientSampleId :

CEB-3-20160224MS

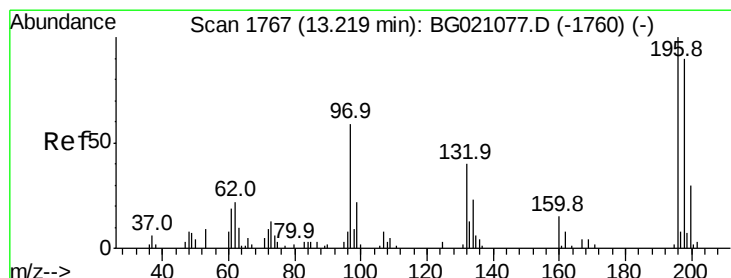
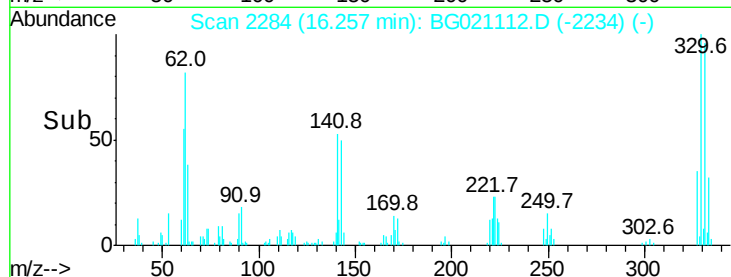
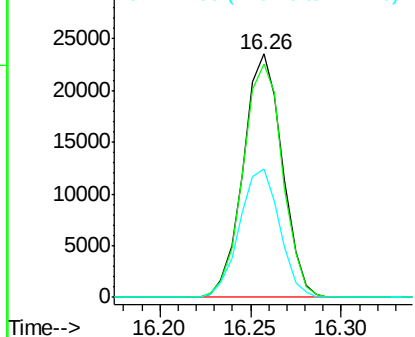
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0	77.4	116.0	
141	53.8	35.3	52.9#	

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



#42

2,4,6-Trichlorophenol

Concen: 48.84 ng

RT: 13.21 min Scan# 1765

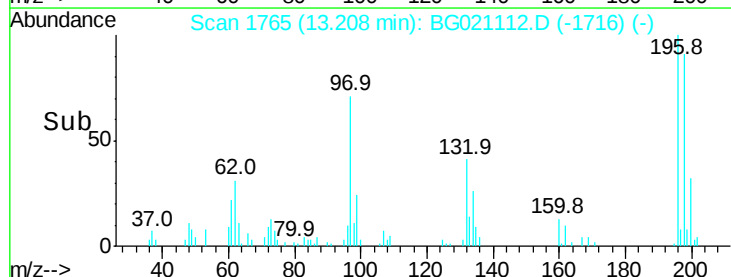
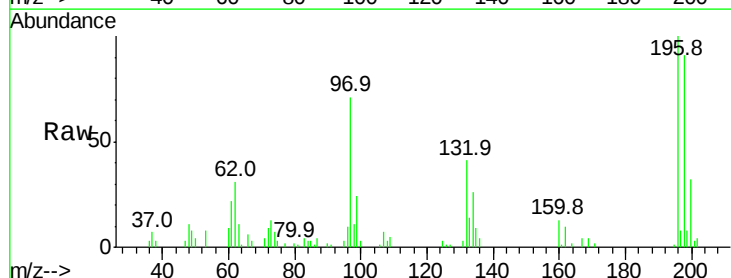
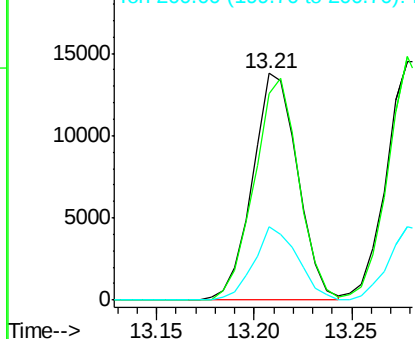
Delta R.T. -0.01 min

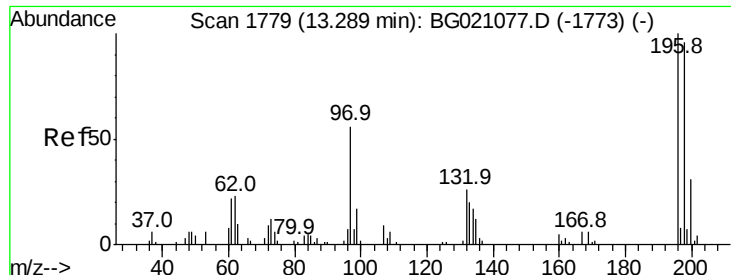
Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	90.8	75.8	113.8	
200	32.4	23.8	35.8	

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





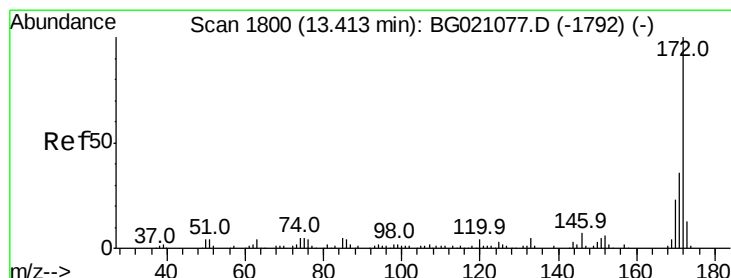
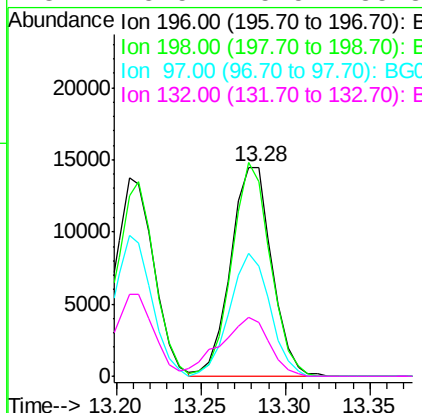
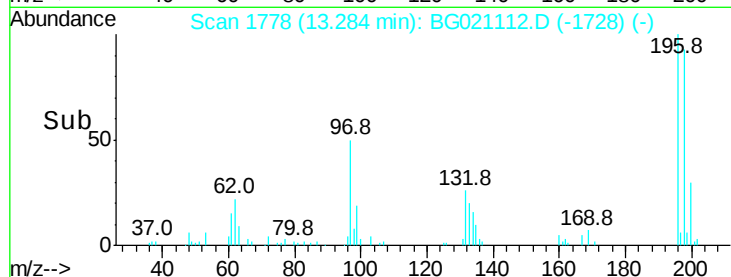
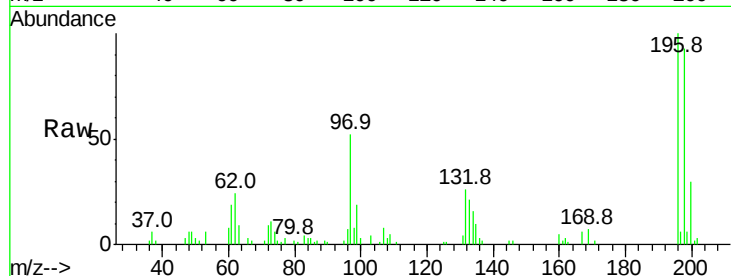
#43
 2,4,5-Trichlorophenol
 Concen: 52.94 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	24594		
198	92.7		80.2	120.4
97	52.4		42.9	64.3
132	25.5		25.5	38.3#

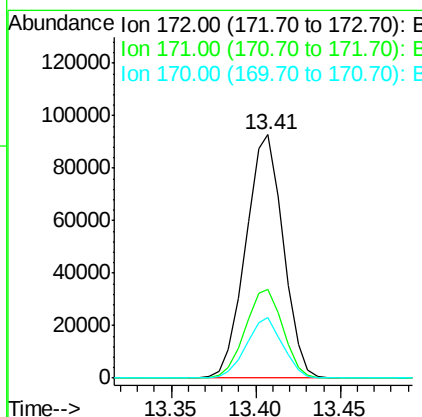
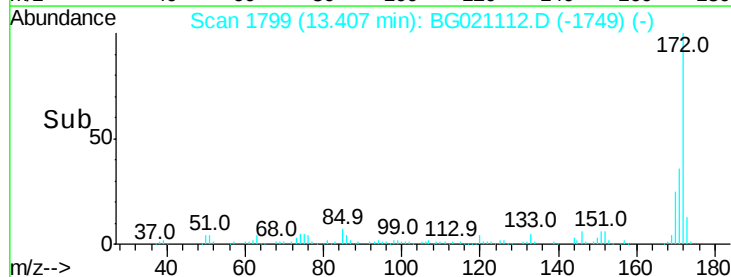
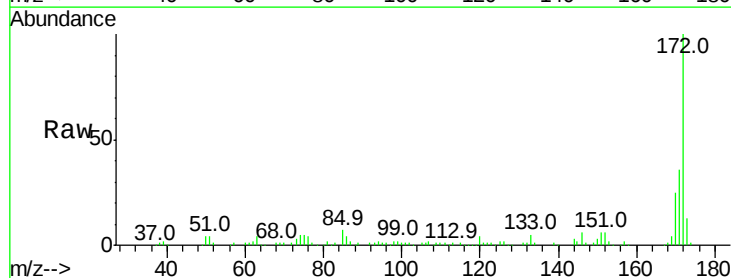
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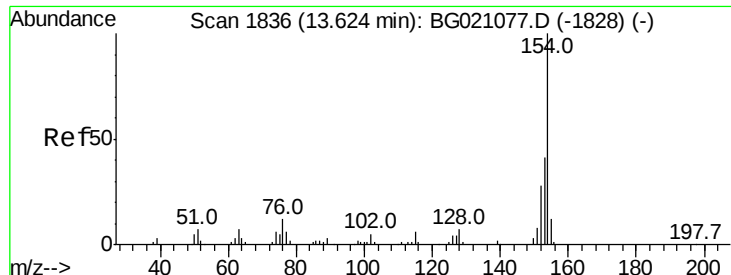
Sohil
 2/29/2016 12:38:55 PM



#44
 2-Fluorobiphenyl
 Concen: 93.72 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	142903		
171	36.5		29.4	44.0
170	25.0		19.8	29.8





#45

1,1'-Biphenyl

Concen: 46.88 ng

RT: 13.61 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Instrument :

BNA_G

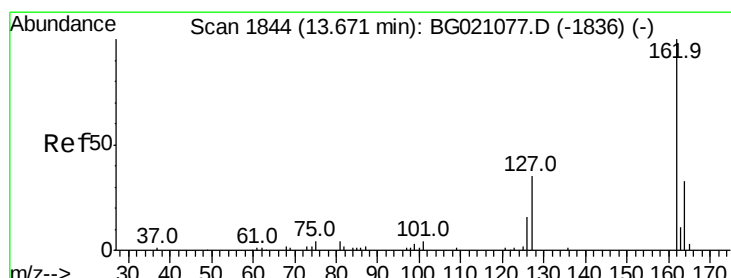
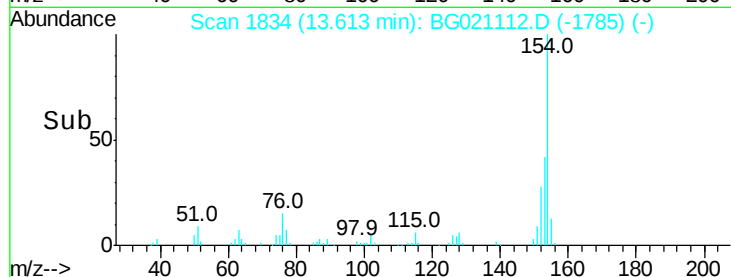
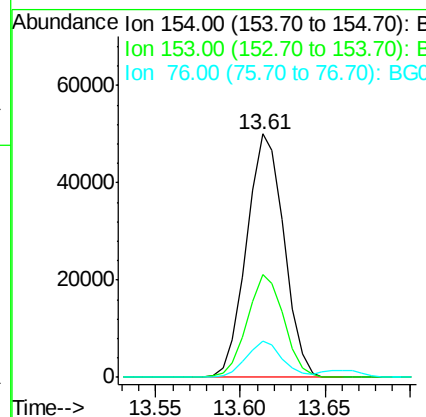
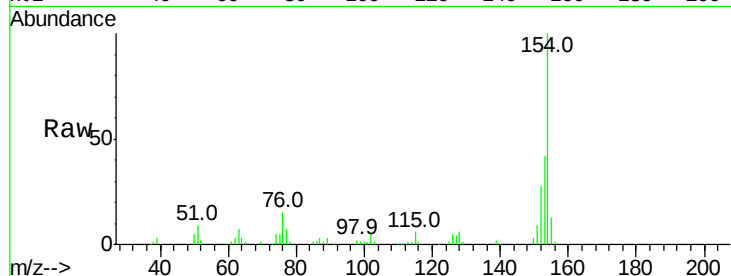
ClientSampleId :

CEB-3-20160224MS

Tot Ion:	154	Resp:	77037
Ion Ratio	Lower	Upper	
154	100		
153	42.2	19.8	59.8
76	14.7	0.0	33.6

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#46

2-Chloronaphthalene

Concen: 49.69 ng

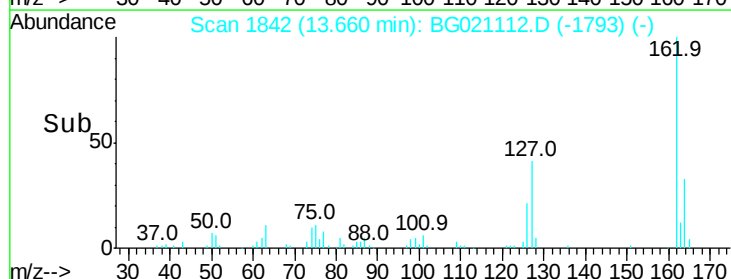
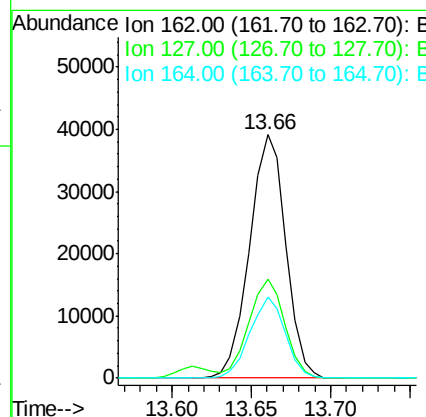
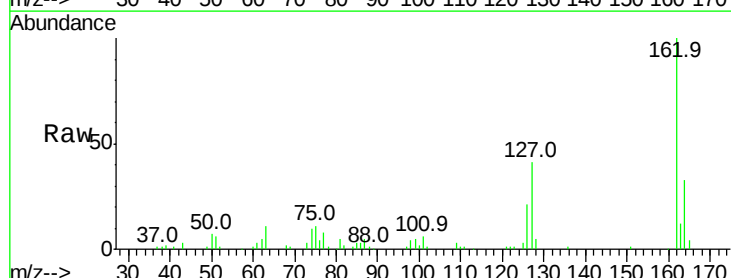
RT: 13.66 min Scan# 1842

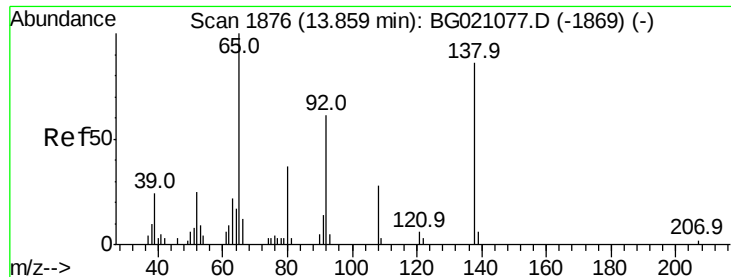
Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Tgt Ion:	162	Resp:	61950
Ion Ratio	Lower	Upper	
162	100		
127	40.8	31.8	47.8
164	33.2	26.3	39.5





#47

2-Nitroaniline

Concen: 59.34 ng

RT: 13.85 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Instrument :

BNA_G

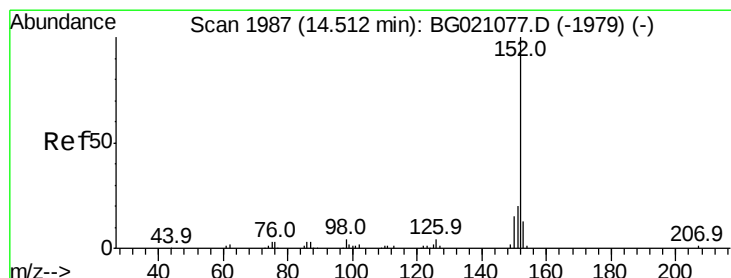
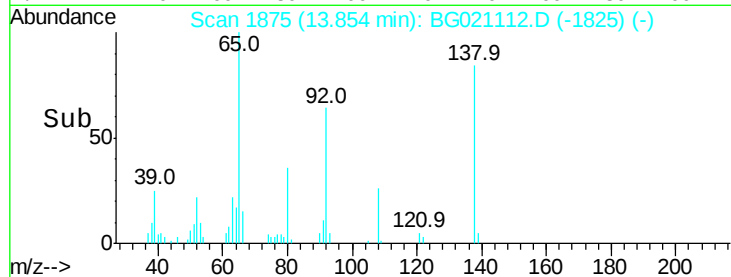
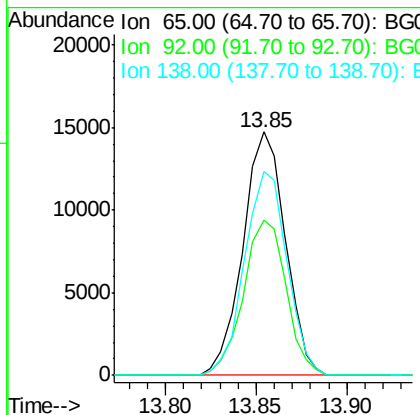
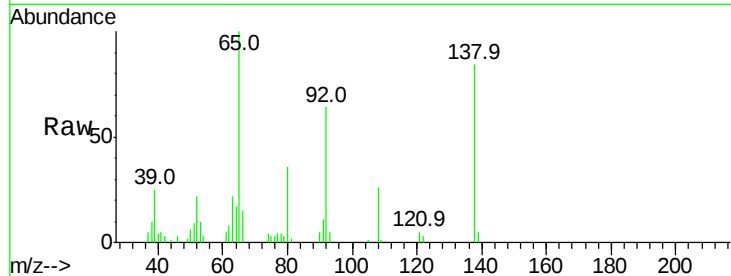
ClientSampleId :

CEB-3-20160224MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.7	54.6	82.0
138	83.9	94.9	142.3

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#48

Acenaphthylene

Concen: 50.14 ng

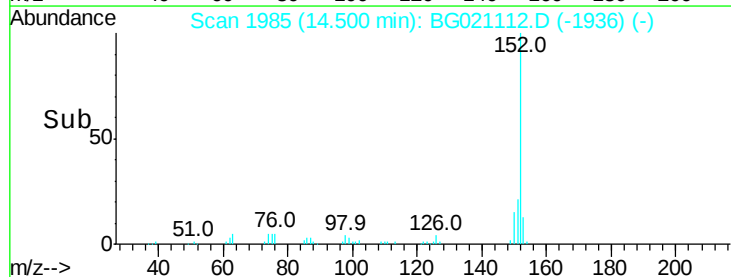
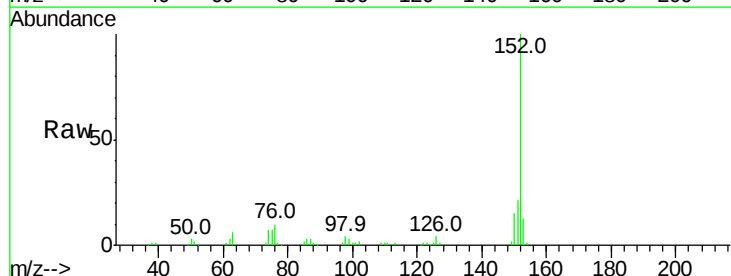
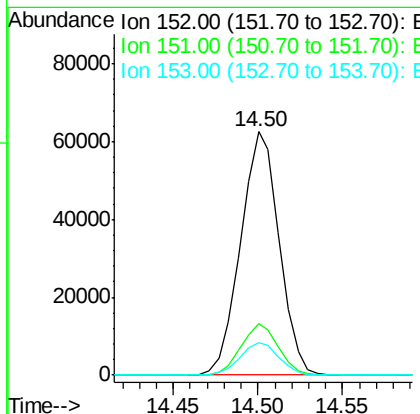
RT: 14.50 min Scan# 1985

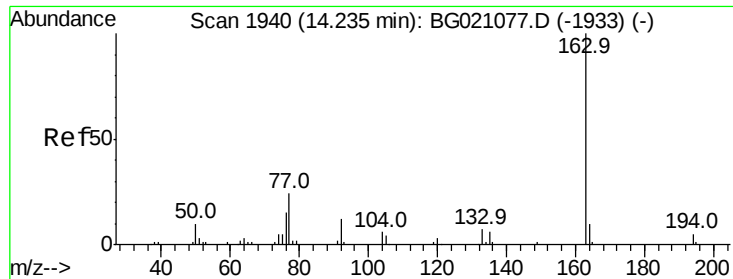
Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.9	23.9
153	13.3	10.2	15.2





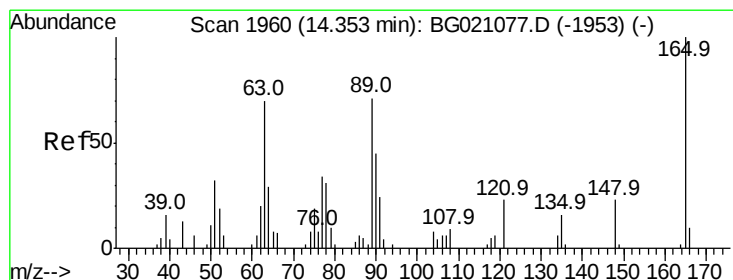
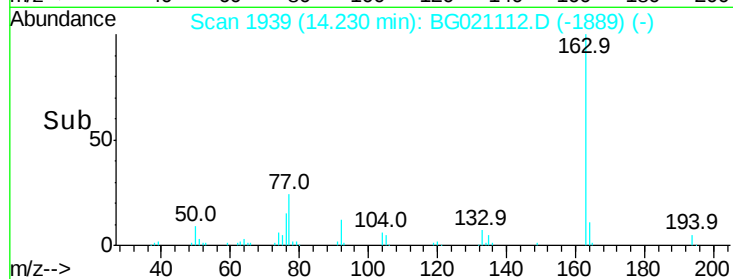
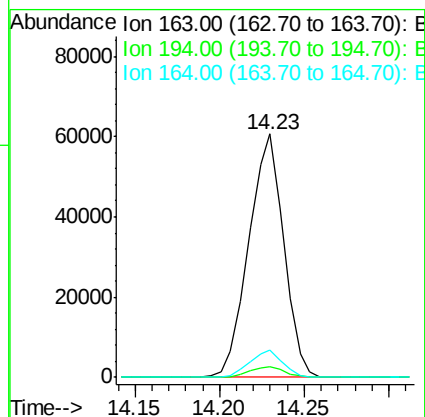
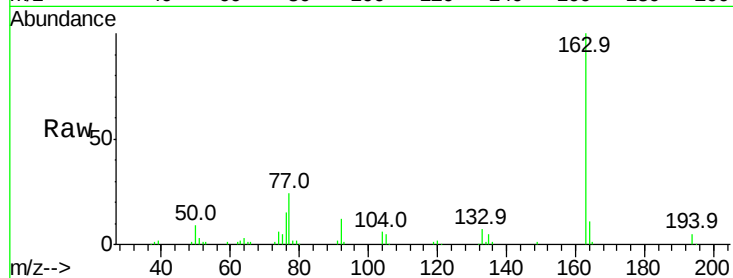
#49
Dimethylphthalate
Concen: 51.92 ng
RT: 14.23 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.8	4.2#
164	11.0	7.9	11.9

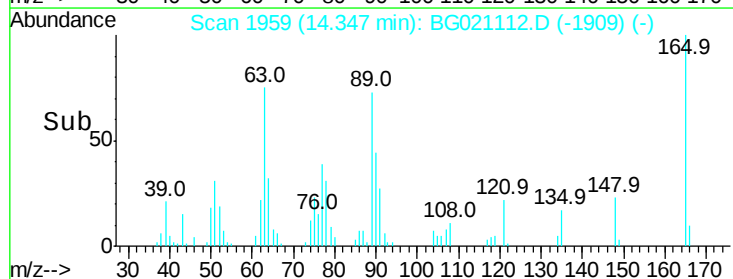
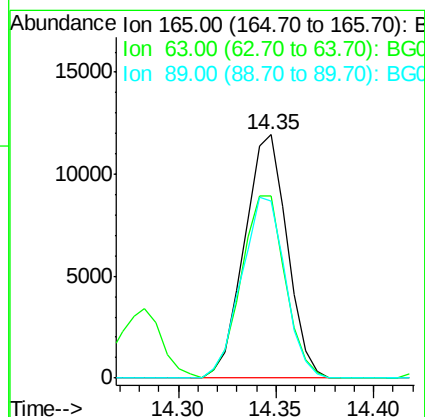
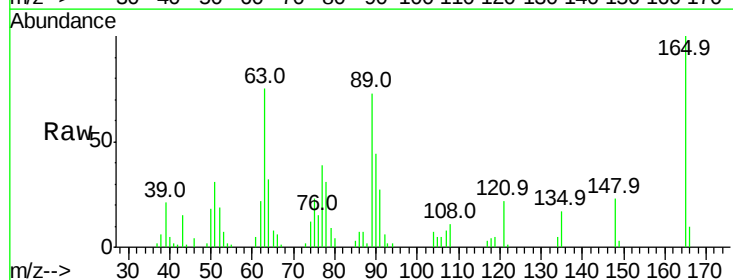
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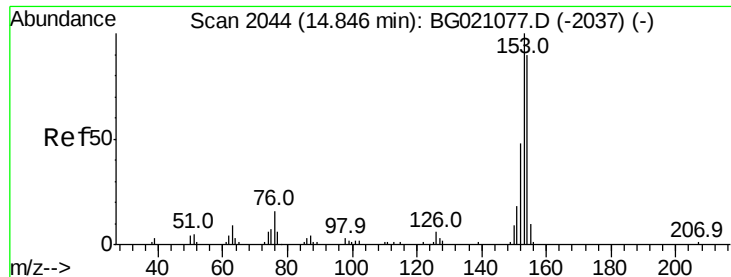
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#50
2,6-Dinitrotoluene
Concen: 52.21 ng
RT: 14.35 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	74.7	42.1	63.1#
89	72.6	46.1	69.1#





#51

Acenaphthene

Concen: 47.11 ng

RT: 14.84 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Instrument :

BNA_G

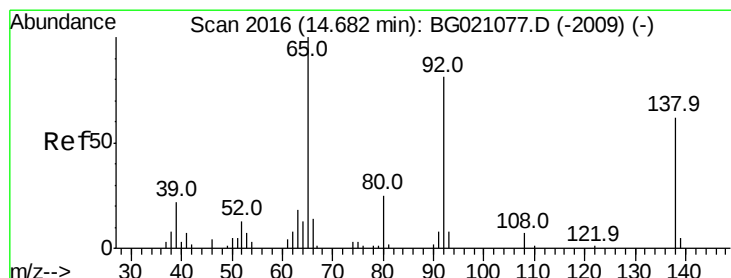
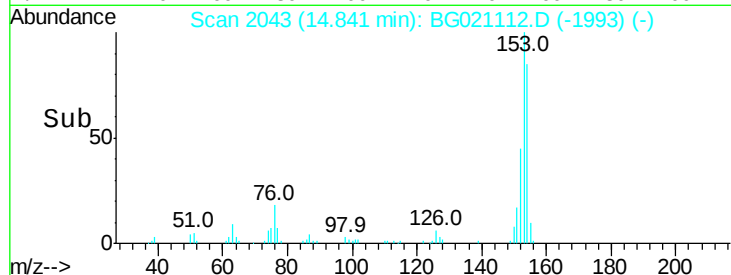
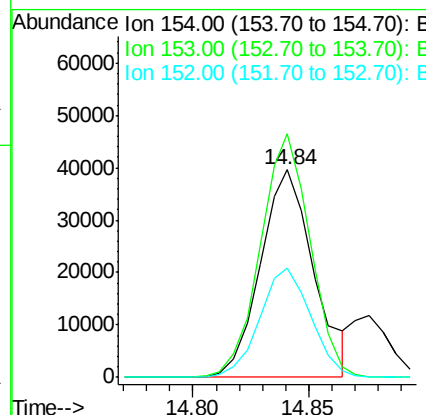
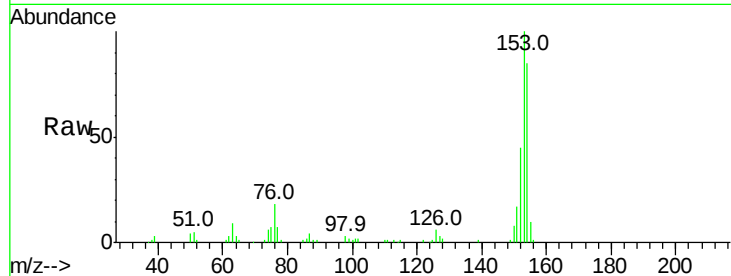
ClientSampleId :

CEB-3-20160224MS

Tot Ion:	154	Resp:	63387
Ion Ratio	Lower	Upper	
154	100		
153	117.2	94.2	141.2
152	52.3	42.9	64.3

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#52

3-Nitroaniline

Concen: 24.79 ng

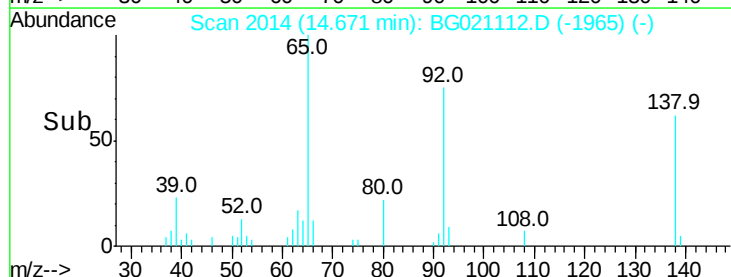
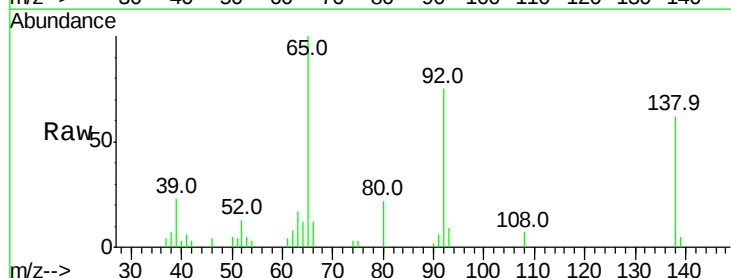
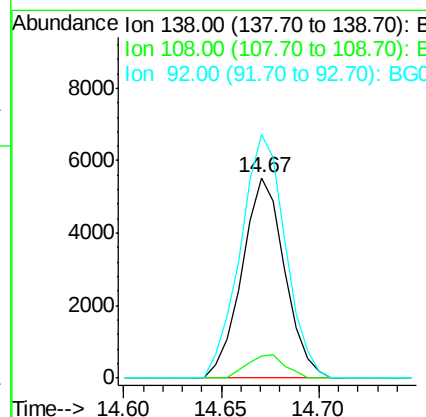
RT: 14.67 min Scan# 2014

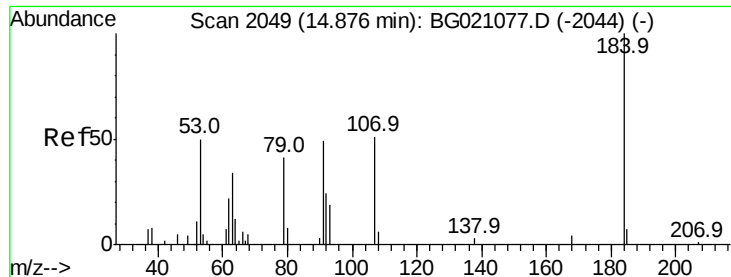
Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Tgt Ion:	138	Resp:	8344
Ion Ratio	Lower	Upper	
138	100		
108	11.3	5.8	8.6#
92	121.3	83.6	125.4





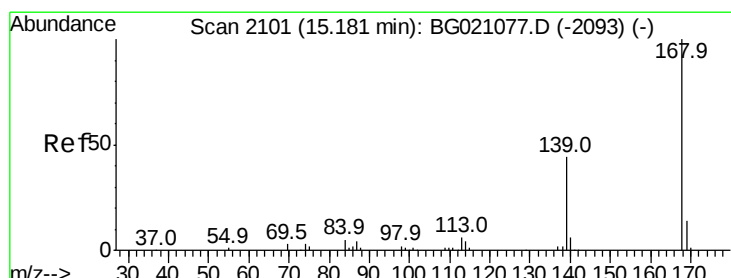
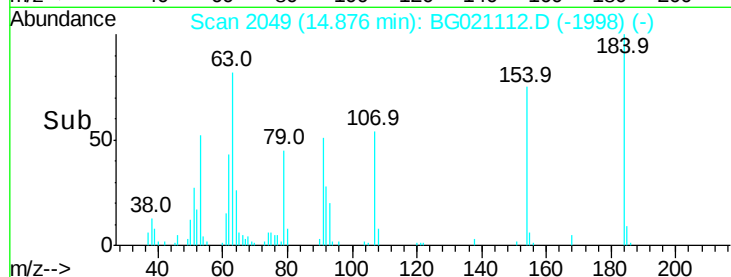
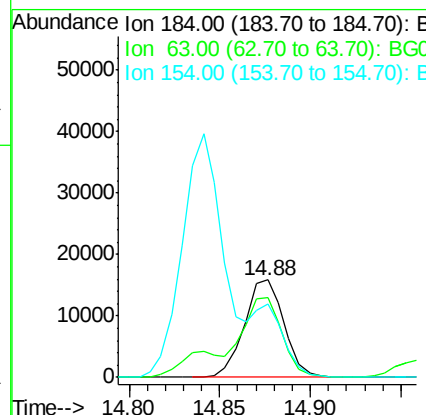
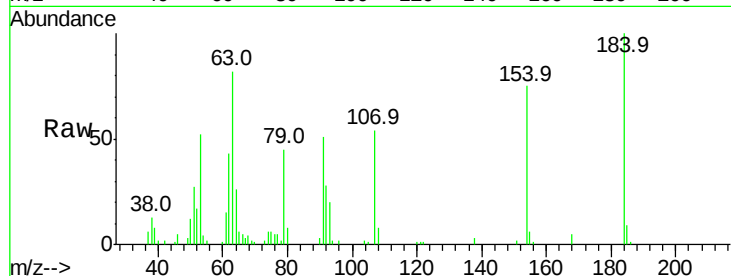
#53
2,4-Dinitrophenol
Concen: 99.98 ng
RT: 14.88 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Instrument :
BNA_G
ClientSampleID :
CEB-3-20160224MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	81.6	57.0	85.6
154	75.1	51.3	76.9

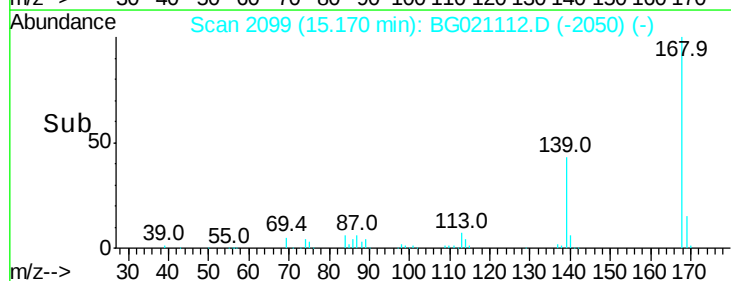
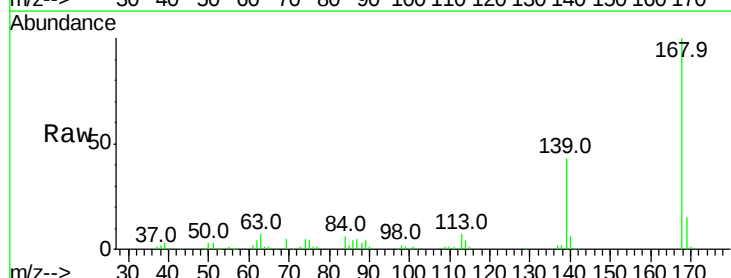
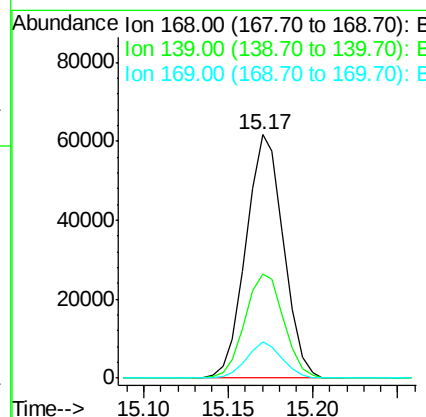
Manual Integrations
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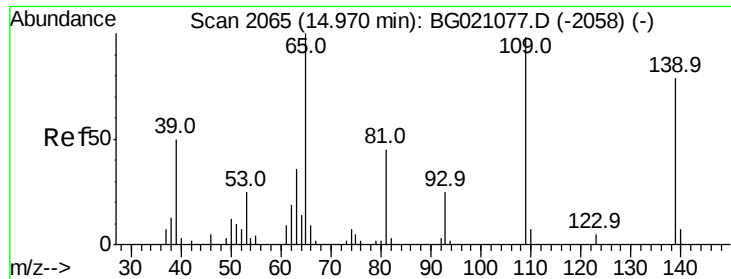
Sohil
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#54
Dibenzofuran
Concen: 55.69 ng
RT: 15.17 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.6	29.8	44.8
169	14.7	11.4	17.2





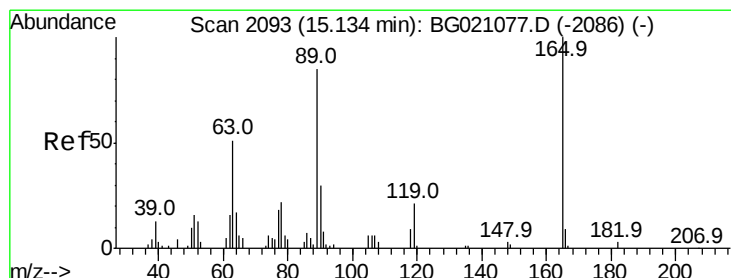
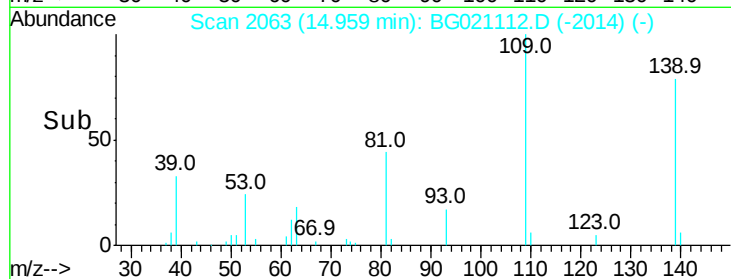
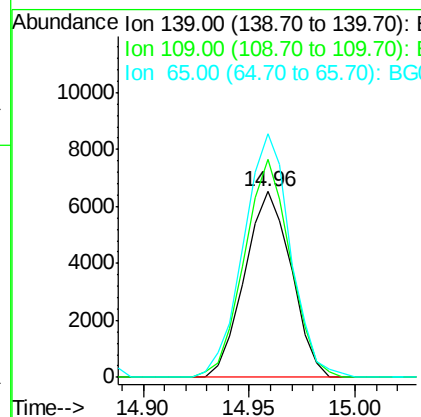
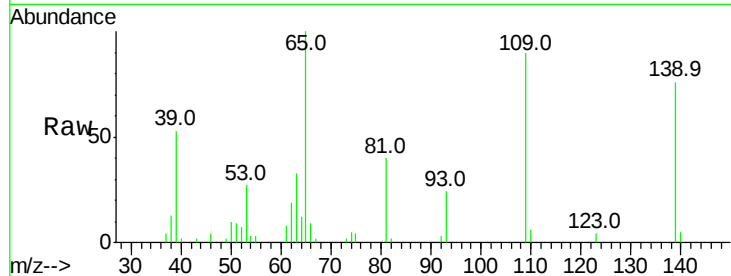
#55
 4-Nitrophenol
 Concen: 33.36 ng
 RT: 14.96 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	117.6	54.1	94.1#	
65	131.2	73.4	113.4#	

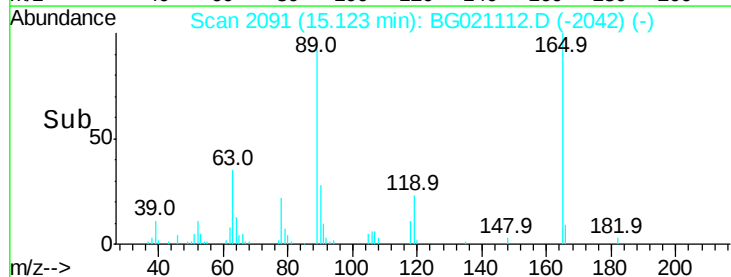
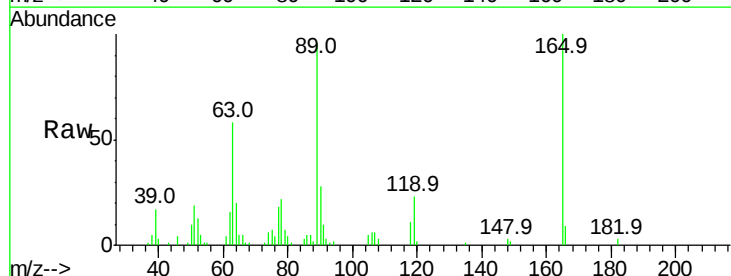
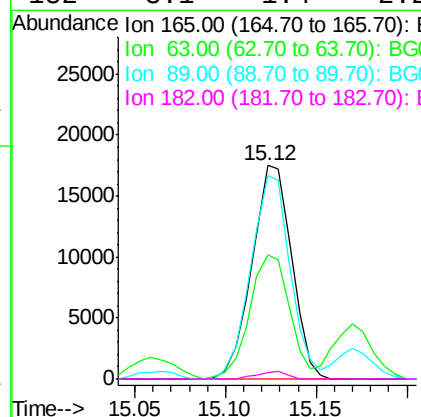
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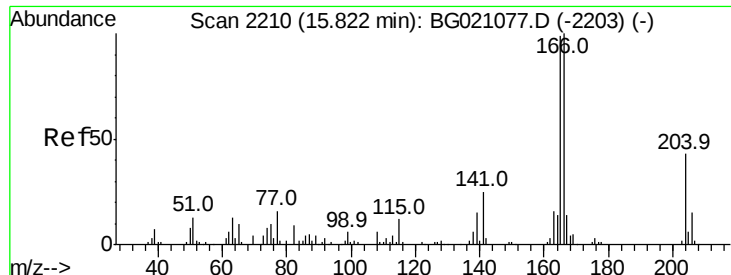
Sohil
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#56
 2,4-Dinitrotoluene
 Concen: 53.58 ng
 RT: 15.12 min Scan# 2091
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.9	34.1	51.1#	
89	95.5	63.0	94.4#	
182	3.1	1.4	2.2#	





#57

Fluorene

Concen: 50.48 ng

RT: 15.82 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Instrument :

BNA_G

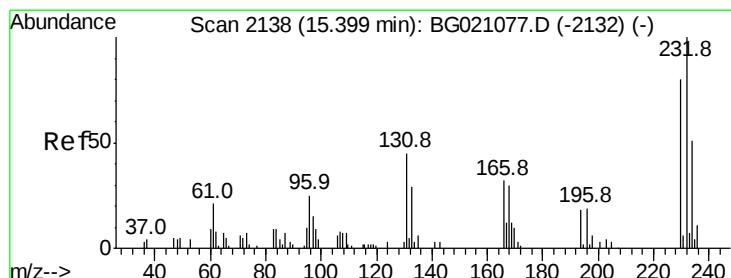
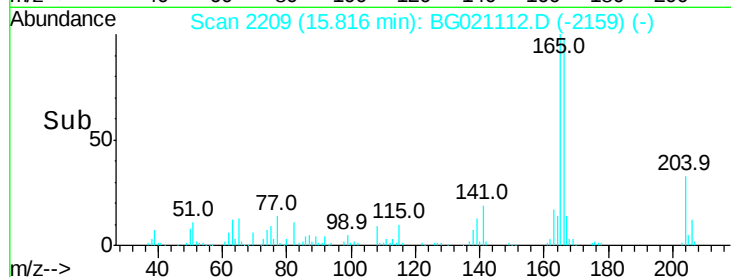
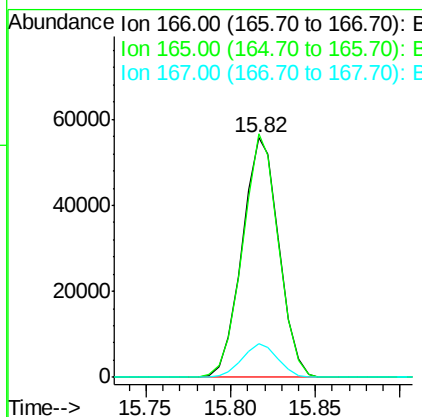
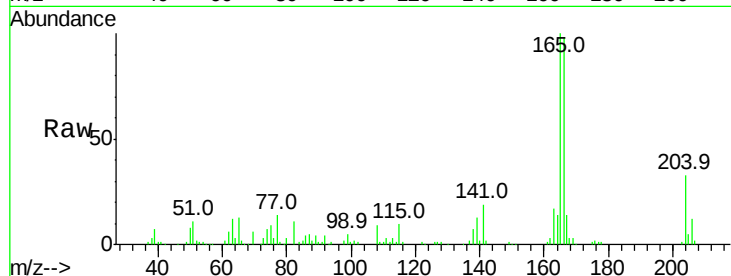
ClientSampleId :

CEB-3-20160224MS

Tot Ion:	166	Resp:	83696
Ion Ratio	Lower	Upper	
166	100		
165	101.8	81.3	121.9
167	14.1	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 54.39 ng

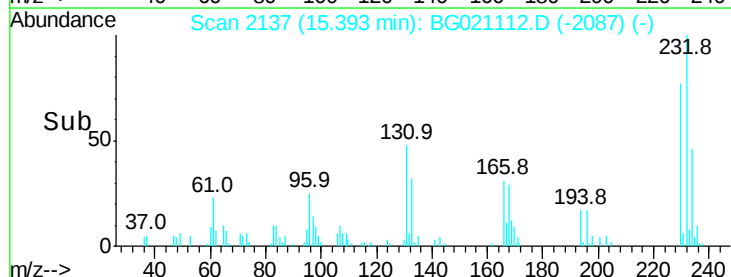
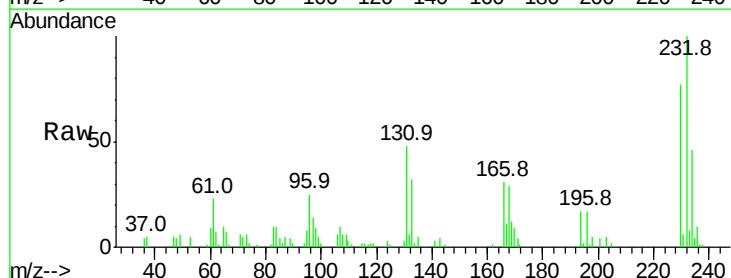
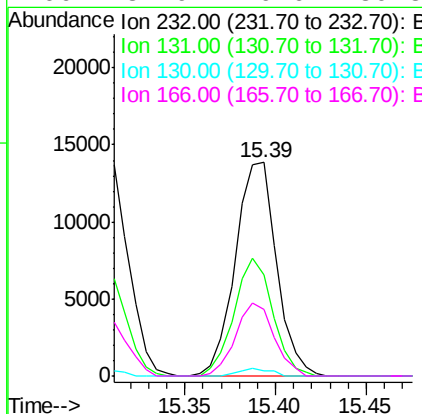
RT: 15.39 min Scan# 2137

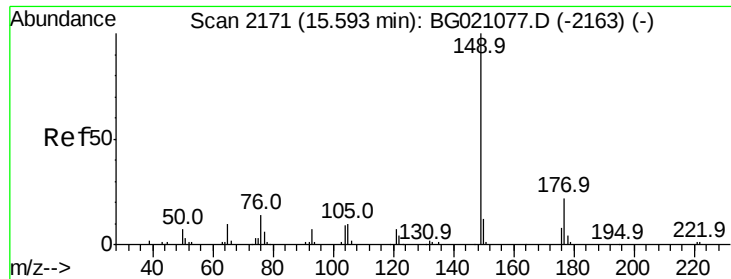
Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Tgt Ion:	232	Resp:	21964
Ion Ratio	Lower	Upper	
232	100		
131	51.6	41.4	62.2
130	2.8	1.8	2.8#
166	31.9	26.6	39.8





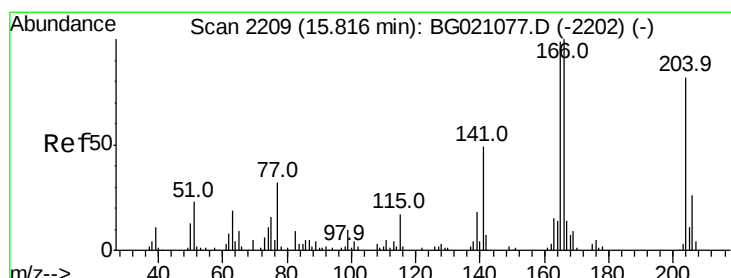
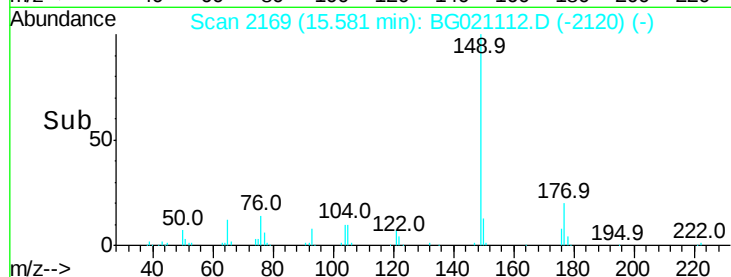
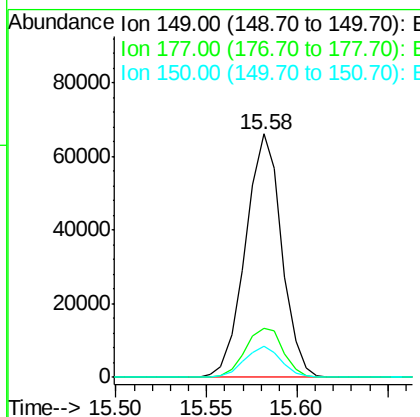
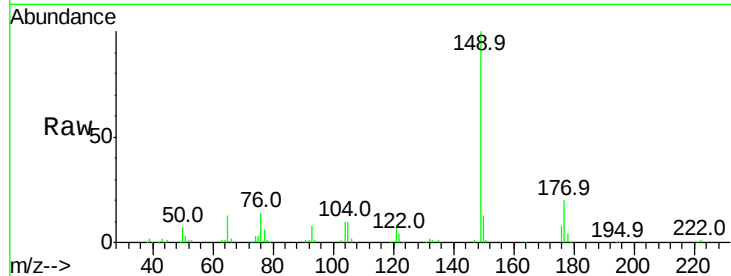
#59
Diethylphthalate
Concen: 51.70 ng
RT: 15.58 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	20.2	15.8	23.8
150	12.9	10.1	15.1

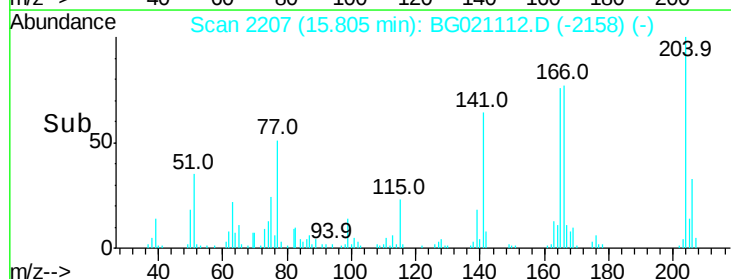
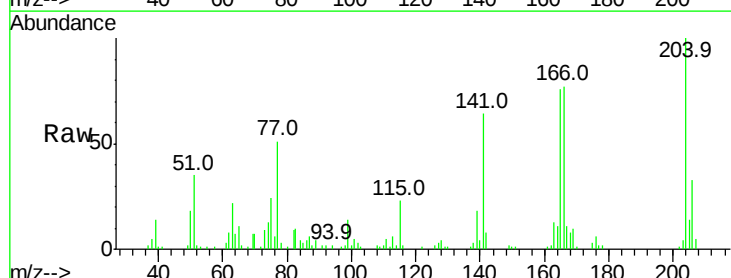
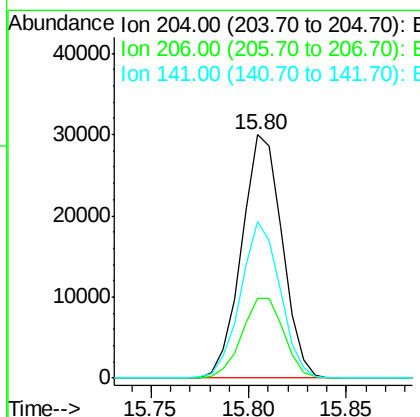
Manual Integrations
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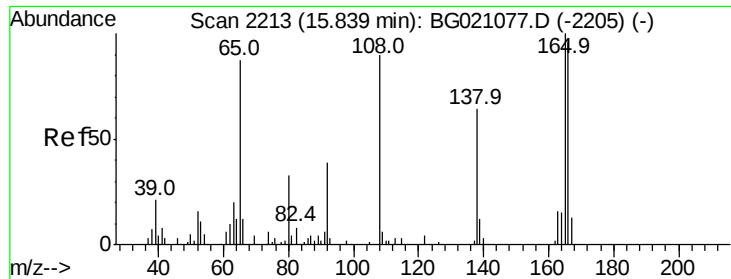
Sohil
2/29/2016 12:38:55 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.28 ng
RT: 15.80 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	32.6	26.9	40.3
141	64.4	50.8	76.2





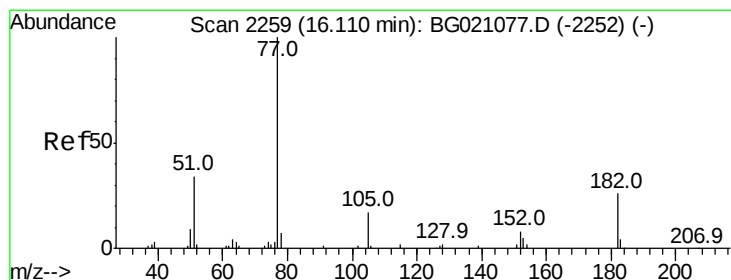
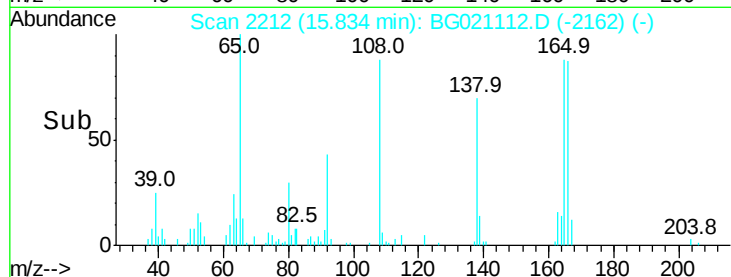
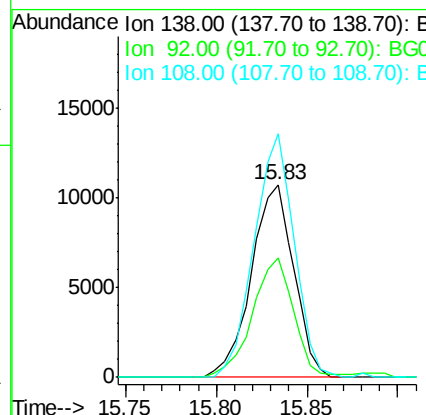
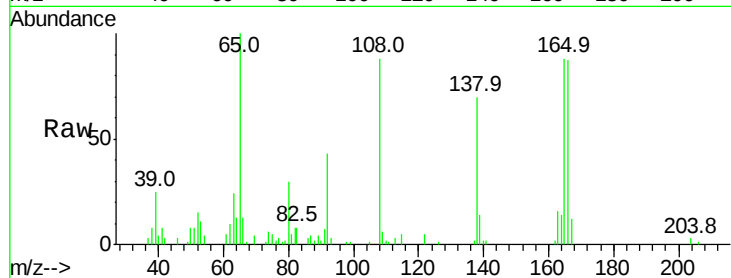
#61
4-Nitroaniline
Concen: 45.43 ng
RT: 15.83 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	62.3	28.0	68.0
108	126.5	52.6	92.6#

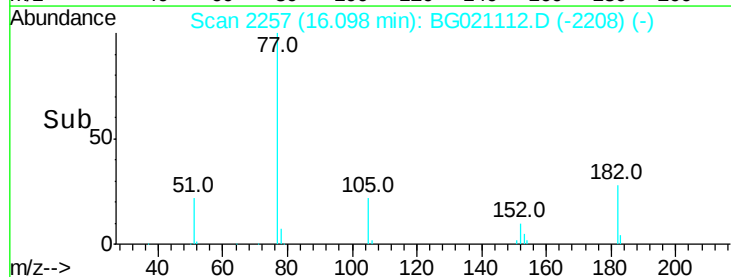
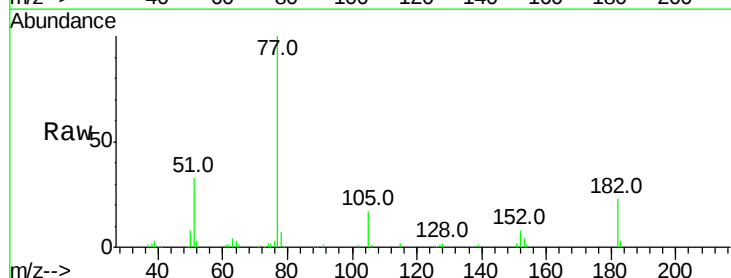
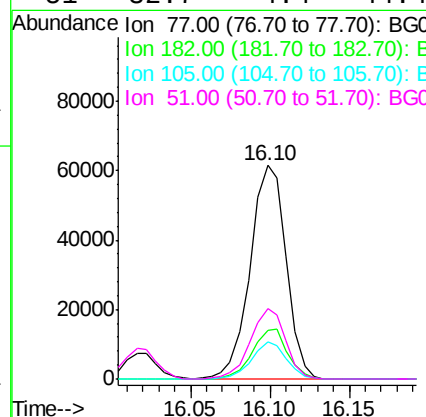
Manual Integrations
APPROVED

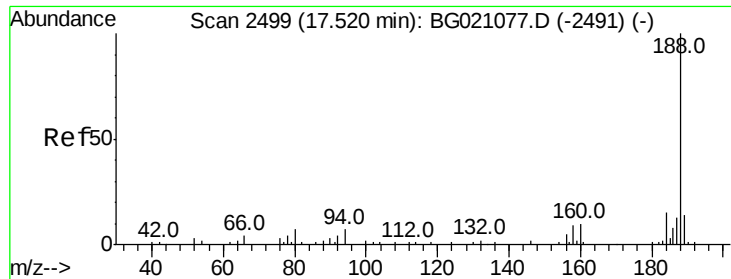
Sohil
2/29/2016 12:38:55 PM



#62
Azobenzene
Concen: 63.20 ng
RT: 16.10 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.7	0.7	40.7
105	17.2	0.0	38.3
51	32.7	4.4	44.4





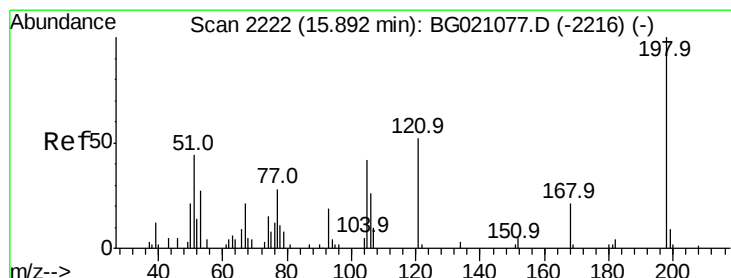
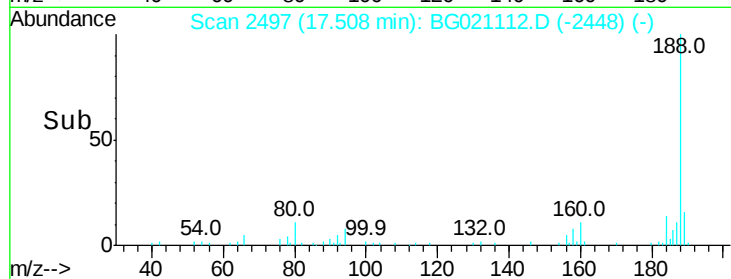
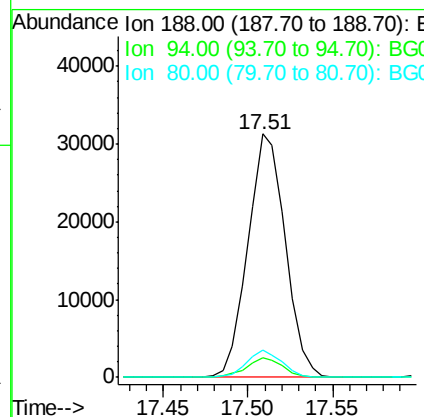
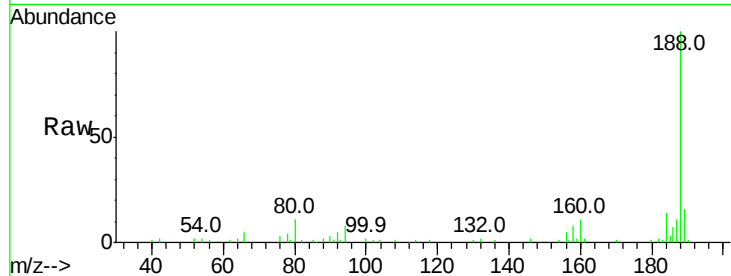
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.51 min Scan# 2497
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.0	8.2	12.4#
80	11.3	9.2	13.8

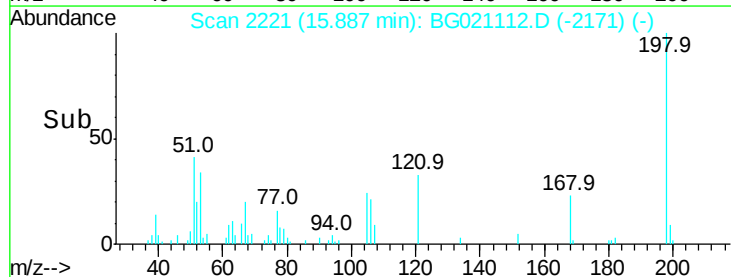
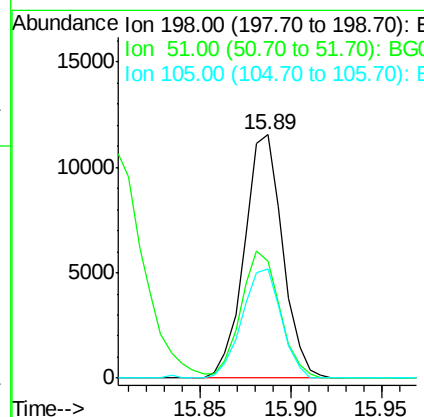
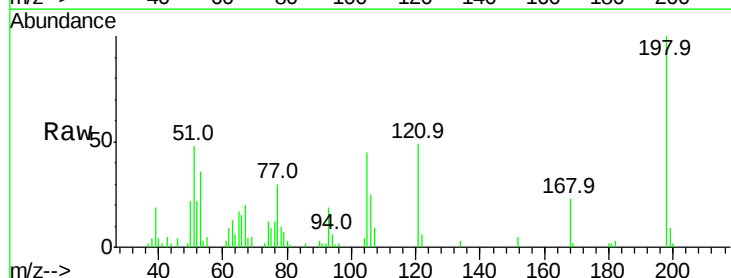
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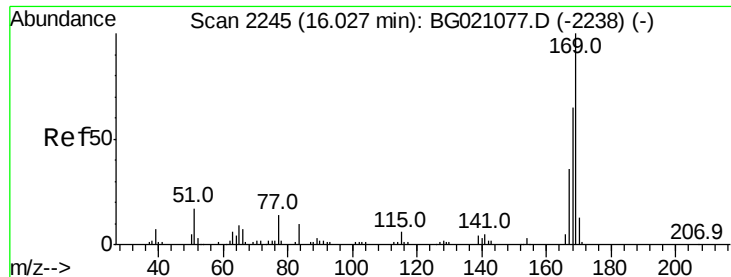
Sohil
 2/29/2016 12:38:55 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.00 ng
 RT: 15.89 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	47.8	30.4	70.4
105	45.1	32.8	72.8





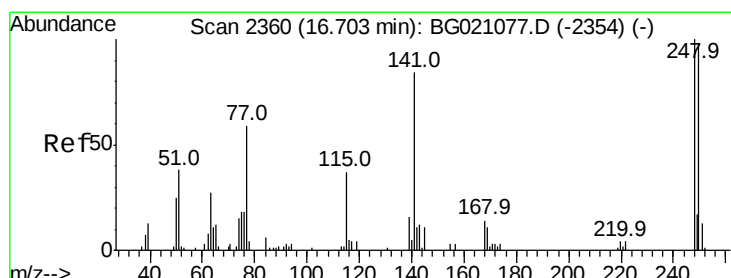
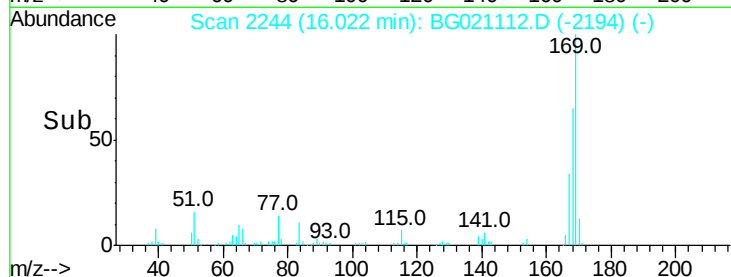
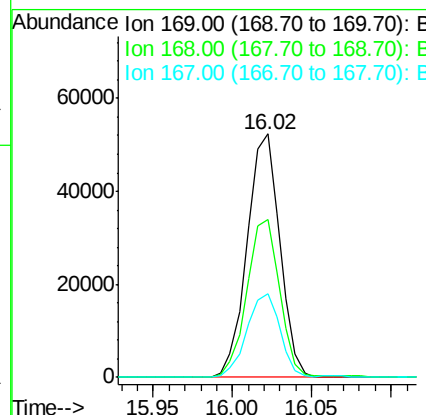
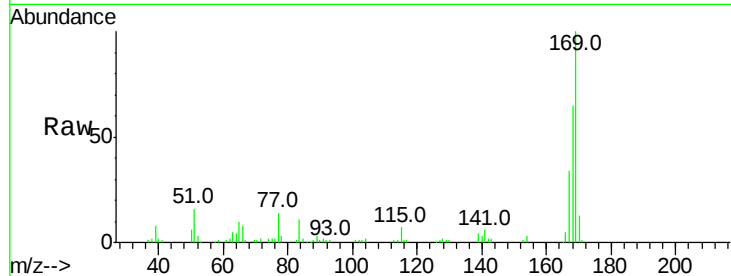
#65
 n-Nitrosodiphenylamine
 Concen: 53.02 ng
 RT: 16.02 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	75173		
168	64.7	58.2	87.2	
167	34.4	31.0	46.6	

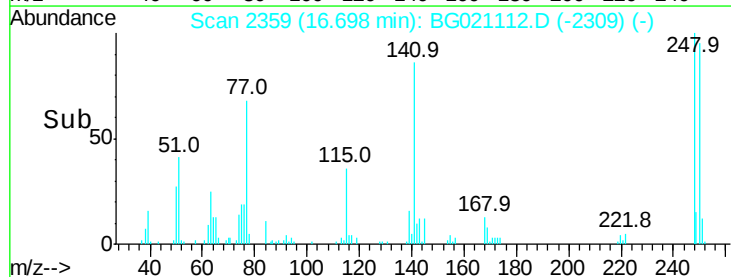
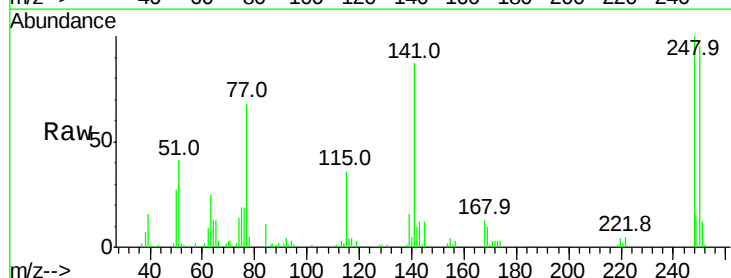
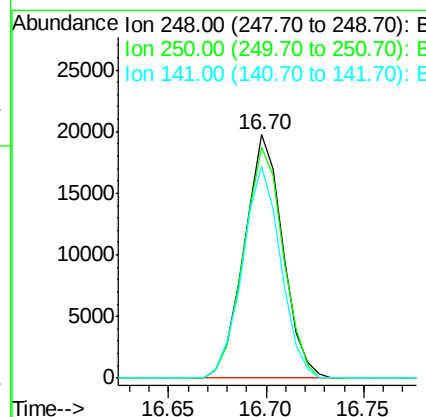
Manual Integrations
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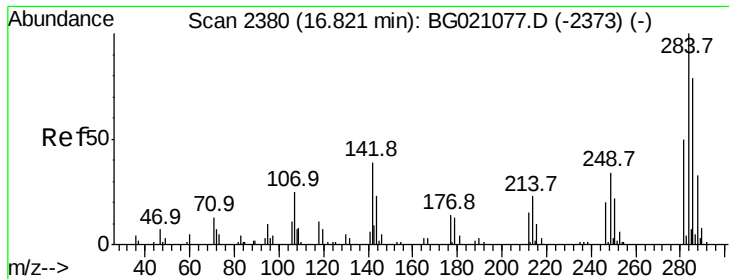
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 47.64 ng
 RT: 16.70 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	26960		
250	94.9	76.4	114.6	
141	87.0	57.4	86.0	





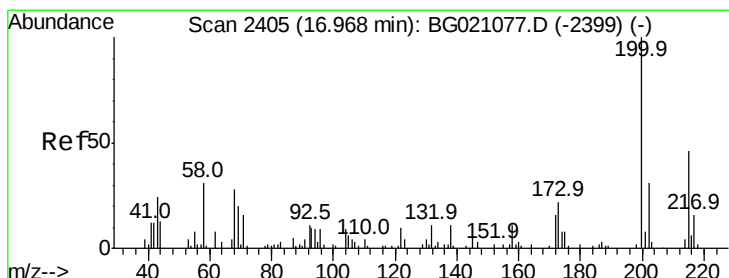
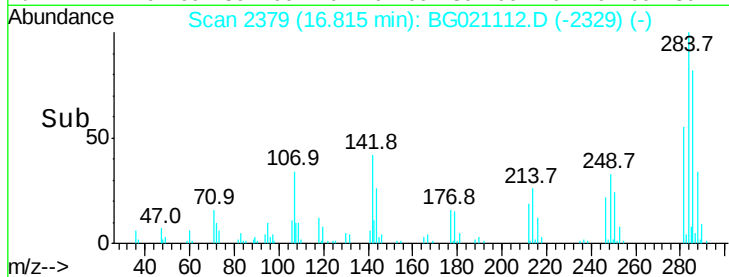
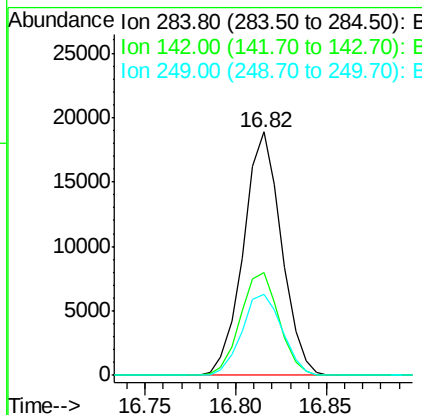
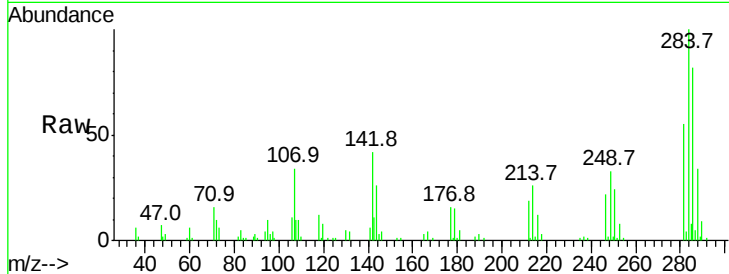
#67
Hexachlorobenzene
Concen: 46.03 ng
RT: 16.82 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	42.5	32.1	48.1	
249	35.6	24.0	36.0	

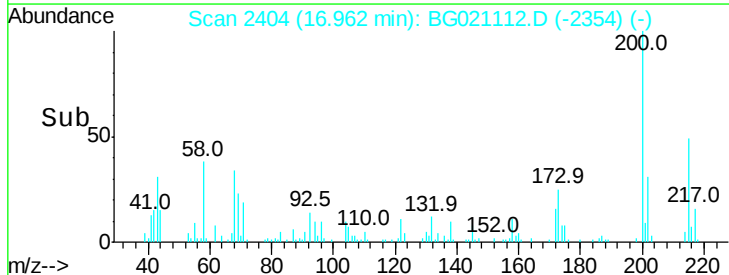
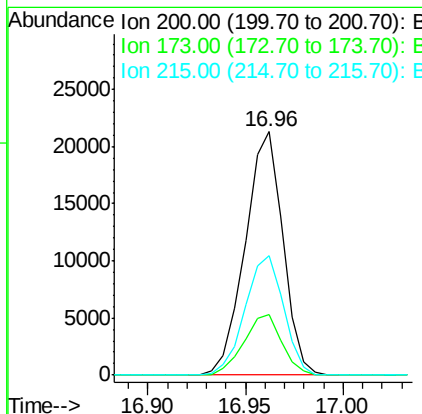
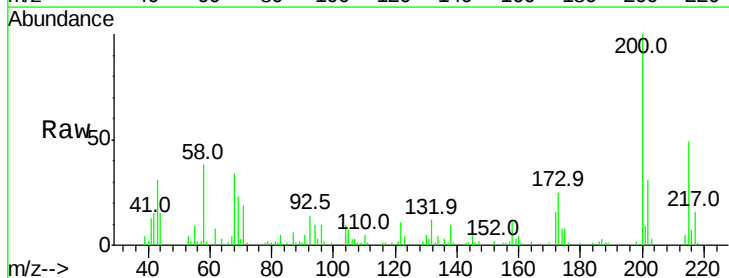
Manual Integrations
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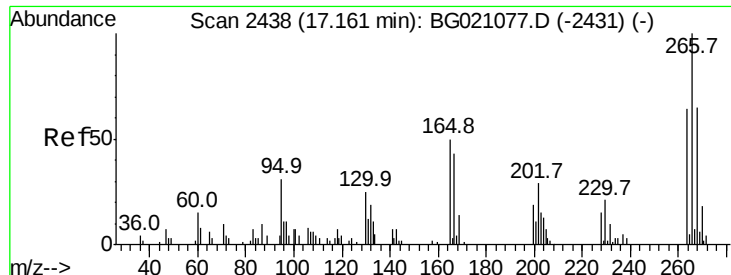
Sohil
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#68
Atrazine
Concen: 54.23 ng
RT: 16.96 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.8	3.9	43.9	
215	49.1	29.0	69.0	





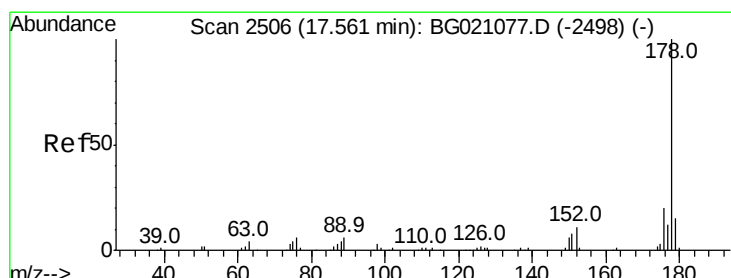
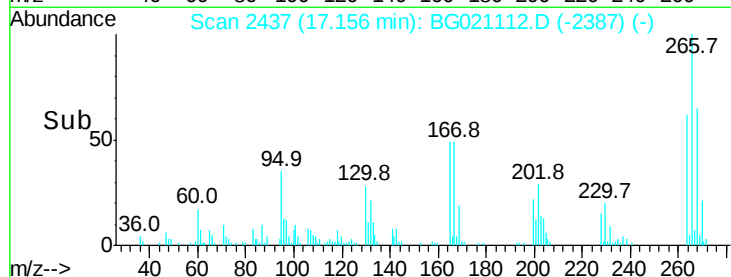
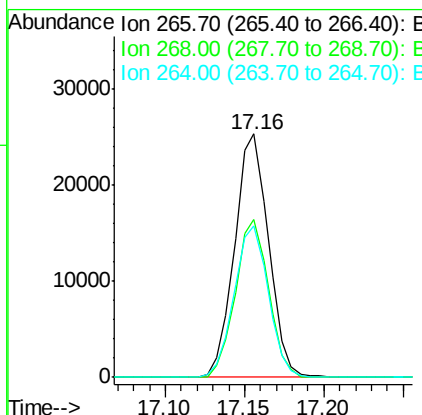
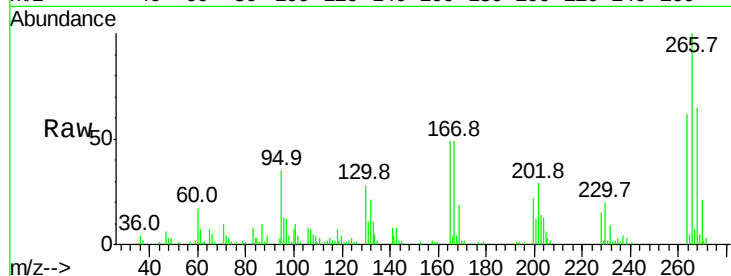
#69
 Pentachlorophenol
 Concen: 93.30 ng
 RT: 17.16 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	37602		
268	69.7		51.0	76.6
264	67.5		47.8	71.8

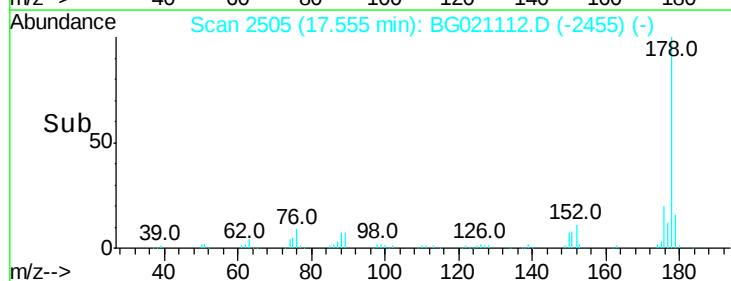
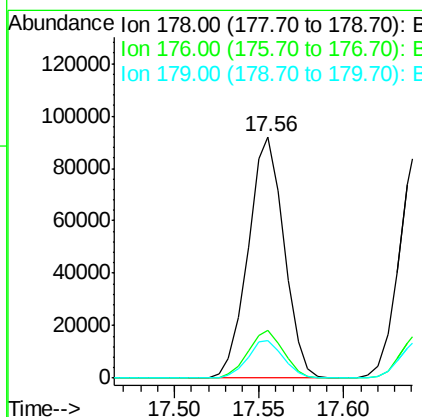
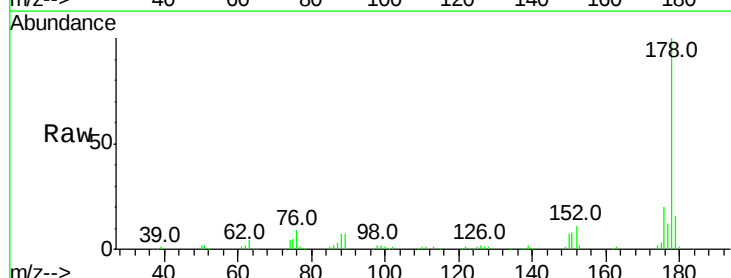
Manual Integrations
 APPROVED

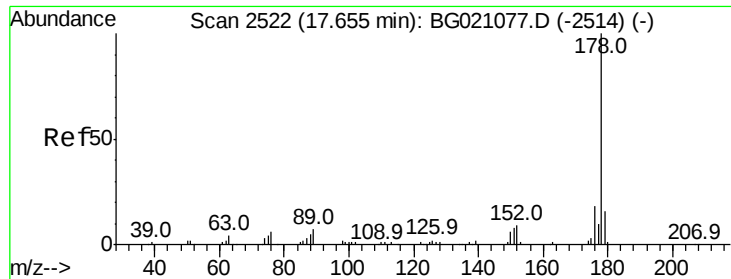
Sohil
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#70
 Phenanthrene
 Concen: 52.46 ng
 RT: 17.56 min Scan# 2505
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	135661		
176	19.5		16.2	24.4
179	15.7		12.9	19.3





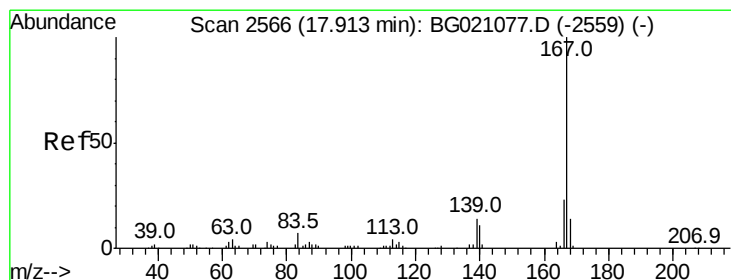
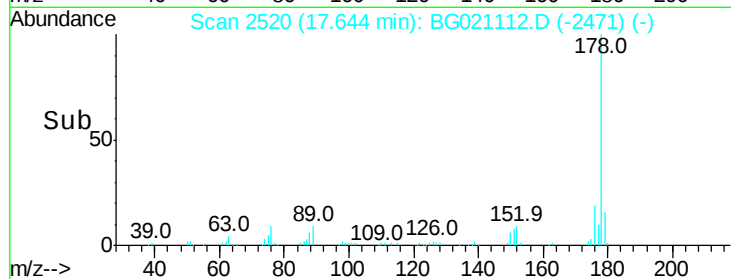
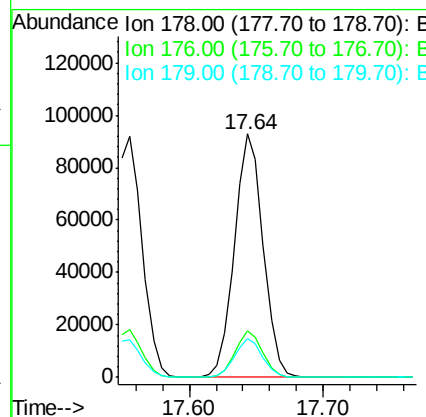
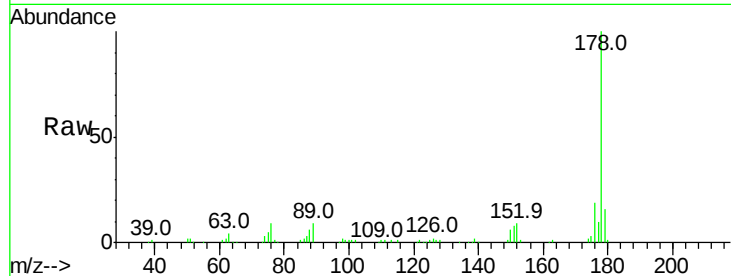
#71
 Anthracene
 Concen: 53.35 ng
 RT: 17.64 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.8	22.2
179	16.0	12.6	19.0

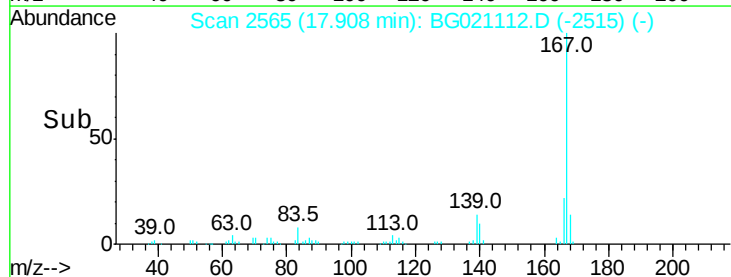
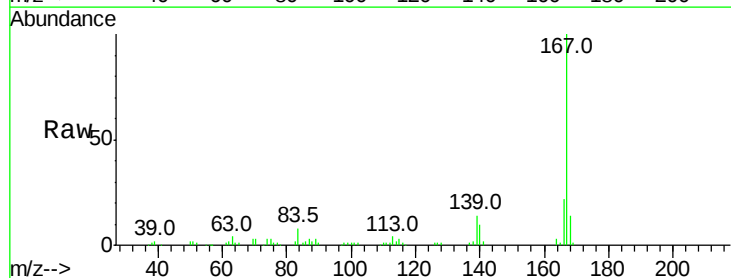
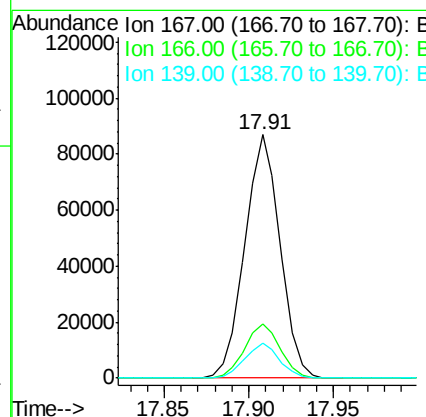
Manual Integrations
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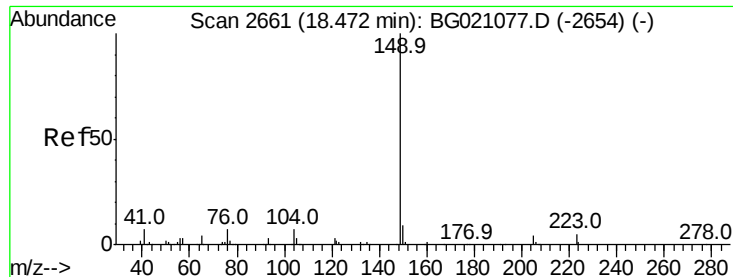
Sohil
 2/29/2016 12:38:55 PM



#72
 Carbazole
 Concen: 56.10 ng
 RT: 17.91 min Scan# 2565
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.5	26.3
139	14.4	10.3	15.5





#73

Di-n-butylphthalate

Concen: 55.96 ng

RT: 18.46 min Scan# 2659

Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Instrument :

BNA_G

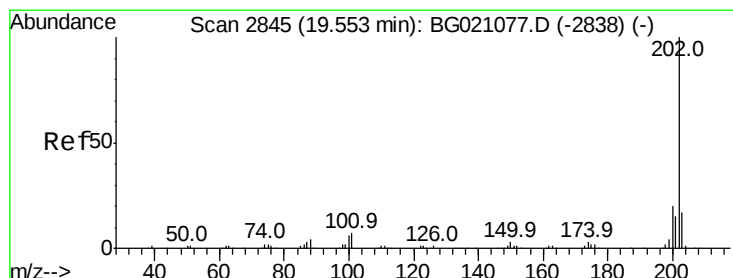
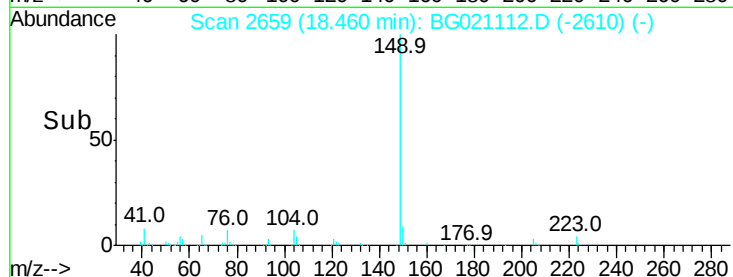
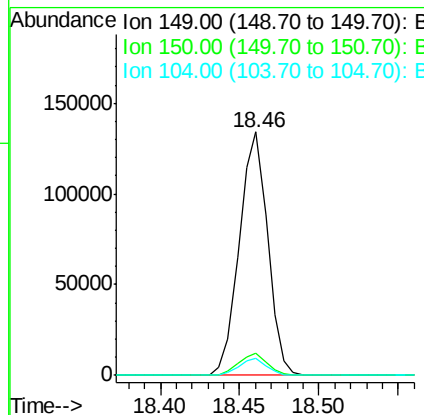
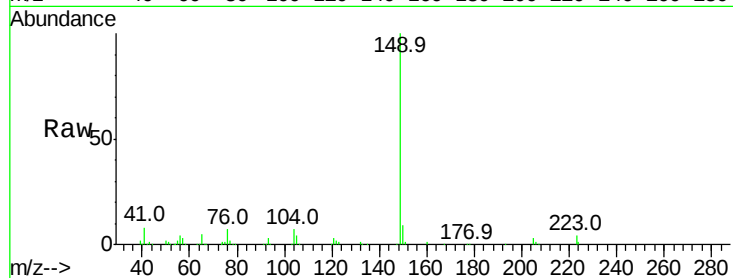
ClientSampleId :

CEB-3-20160224MS

Tot Ion:	149	Resp:	165870
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.6	11.4
104	6.9	4.1	6.1#

Manual Integrations
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2/29/2016 12:38:55 PM



#74

Fluoranthene

Concen: 51.50 ng

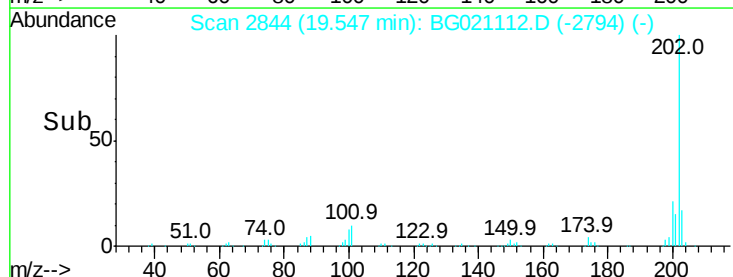
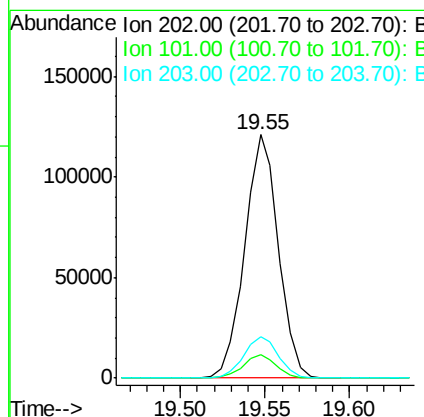
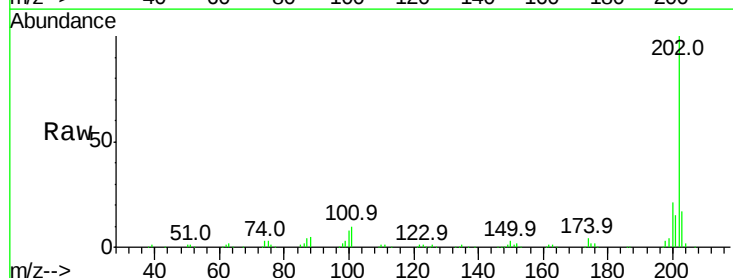
RT: 19.55 min Scan# 2844

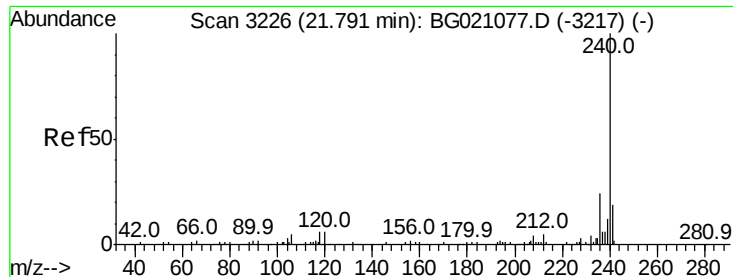
Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Tgt Ion:	202	Resp:	167068
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	32.5
203	17.2	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: BG021112.D

Acq: 27 Feb 2016 13:09

Instrument :

BNA_G

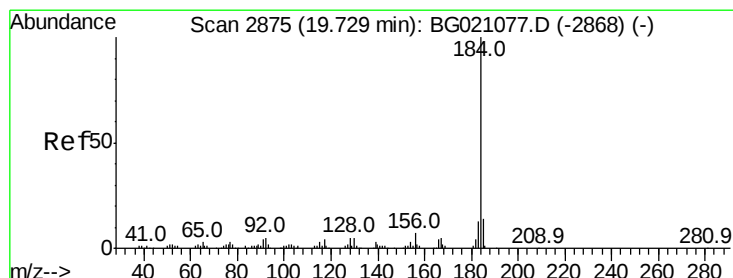
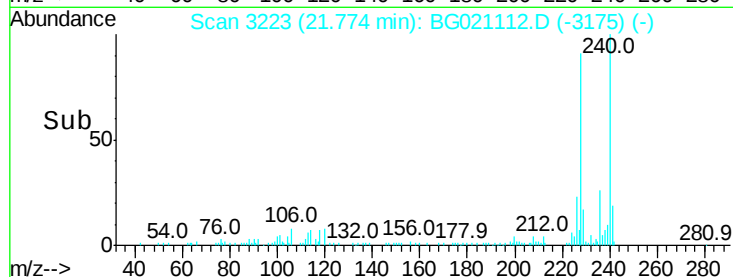
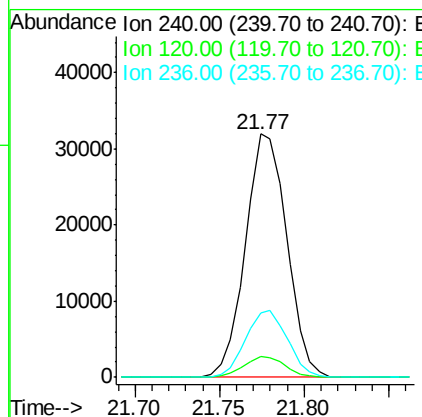
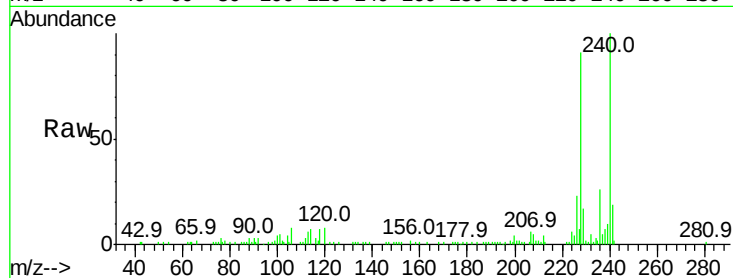
ClientSampleId :

CEB-3-20160224MS

Tot Ion:	240	Resp:	54584
Ion Ratio	Lower	Upper	
240	100		
120	8.5	7.5	11.3
236	26.2	20.5	30.7

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#76

Benzidine

Concen: 12.15 ng

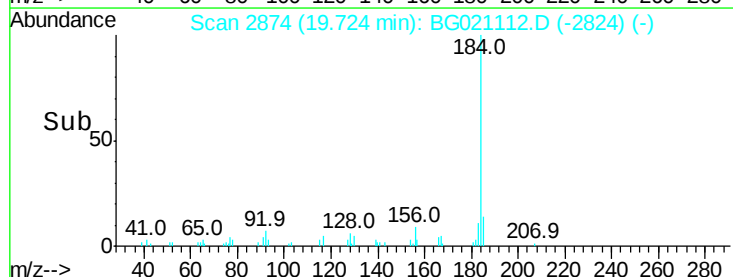
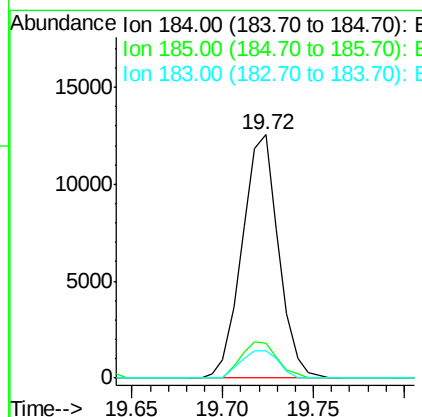
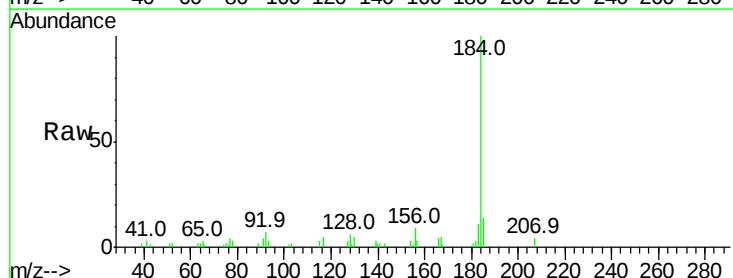
RT: 19.72 min Scan# 2874

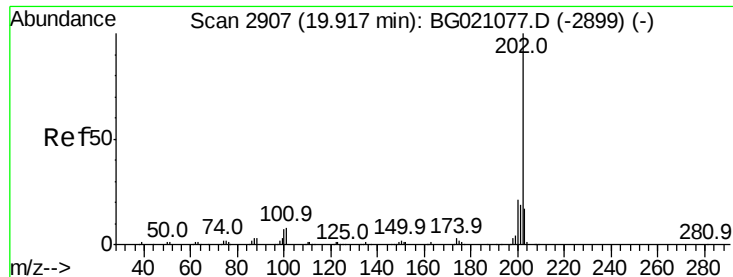
Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Tgt Ion:	184	Resp:	17447
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.5	17.3
183	11.1	10.1	15.1





#77

Pvrene

Concen: 57.29 ng

RT: 19.91 min Scan# 2905

Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Instrument :

BNA_G

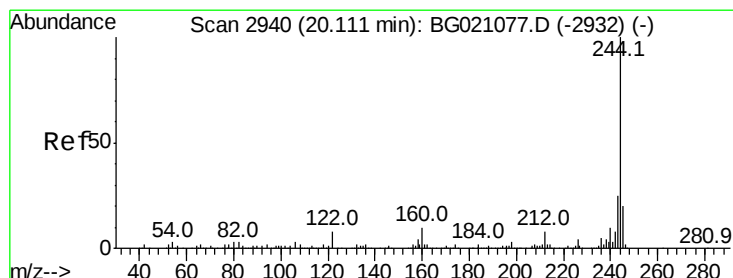
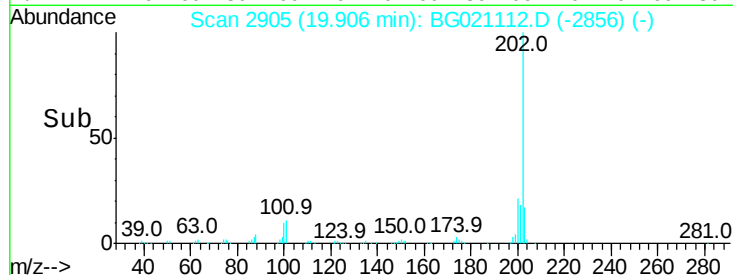
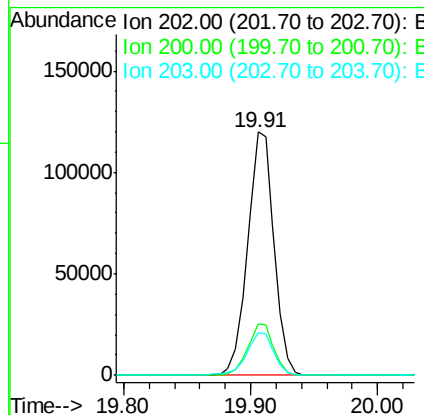
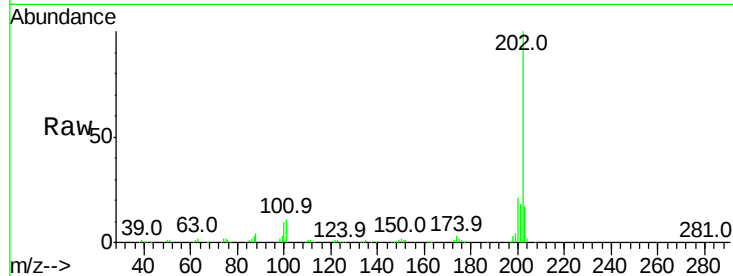
ClientSampleId :

CEB-3-20160224MS

Tot Ion:	202	Resp:	173155
Ion Ratio		Lower	Upper
202	100		
200	21.3	16.6	25.0
203	17.4	13.8	20.8

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#78

Terphenyl-d14

Concen: 92.33 ng

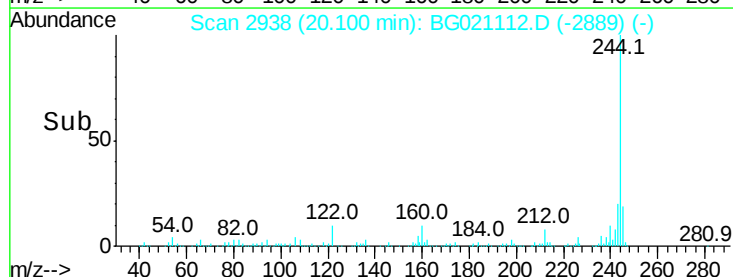
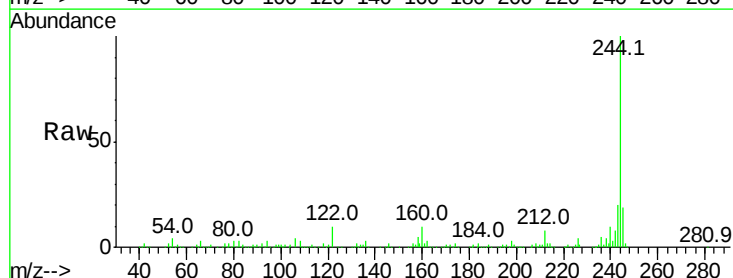
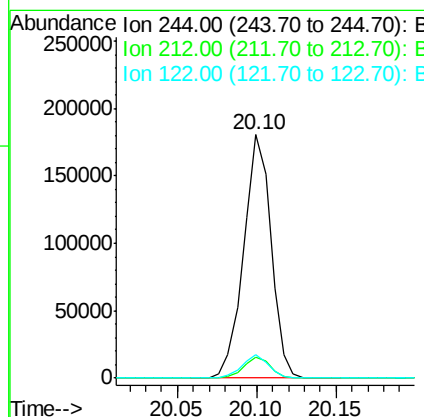
RT: 20.10 min Scan# 2938

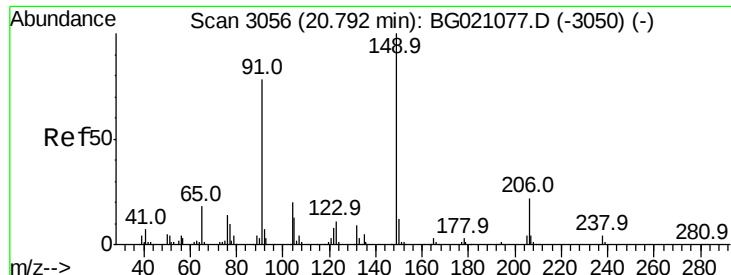
Delta R.T. -0.01 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Tgt Ion:	244	Resp:	215642
Ion Ratio		Lower	Upper
244	100		
212	8.4	5.8	8.6
122	9.5	8.3	12.5





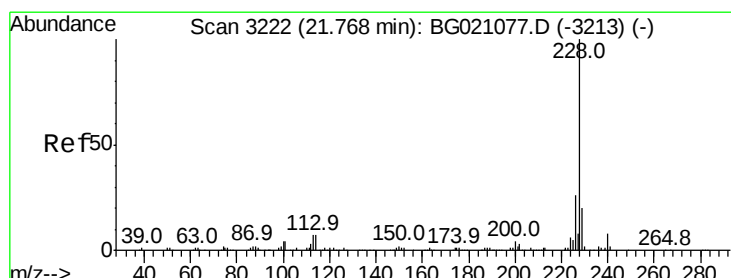
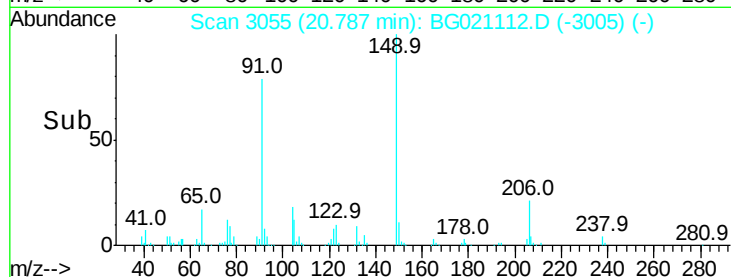
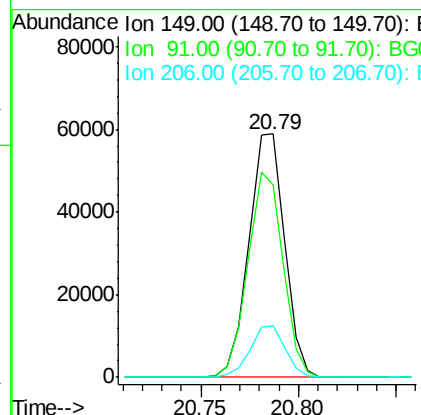
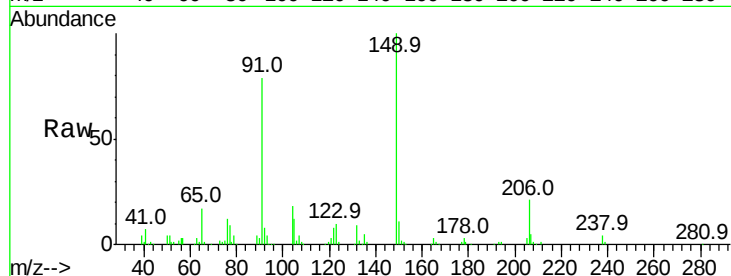
#79
 Butylbenzylphthalate
 Concen: 59.40 ng
 RT: 20.79 min Scan# 3055
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MS

Tot Ion:	149	Resp:	74928
Ion Ratio	Lower	Upper	
149	100		
91	79.0	58.6	87.8
206	21.0	14.2	21.4

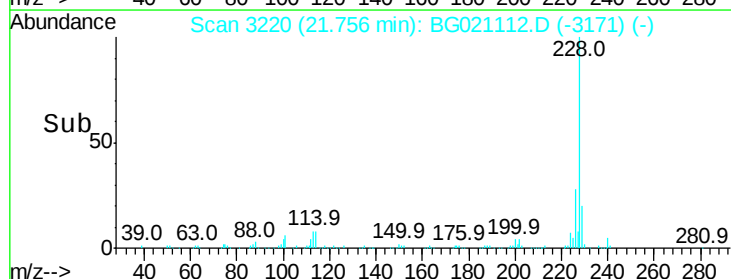
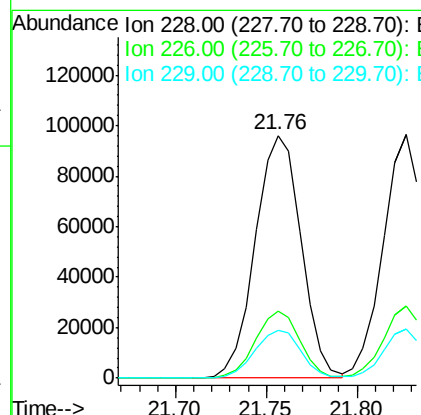
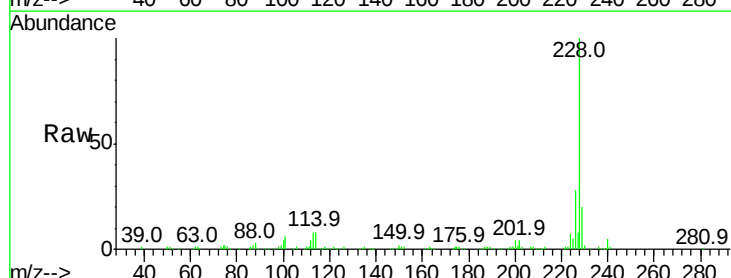
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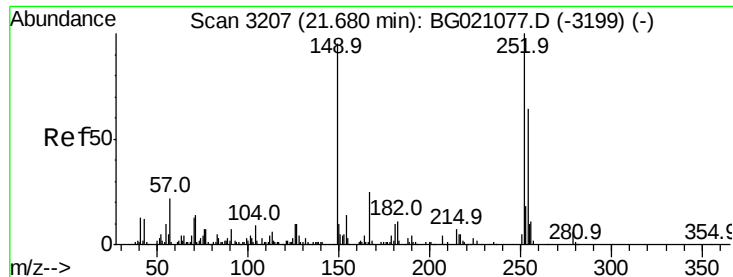
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#80
 Benzo(a)anthracene
 Concen: 53.58 ng
 RT: 21.76 min Scan# 3220
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Tgt Ion:	228	Resp:	168269
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.7	34.1
229	19.7	15.5	23.3





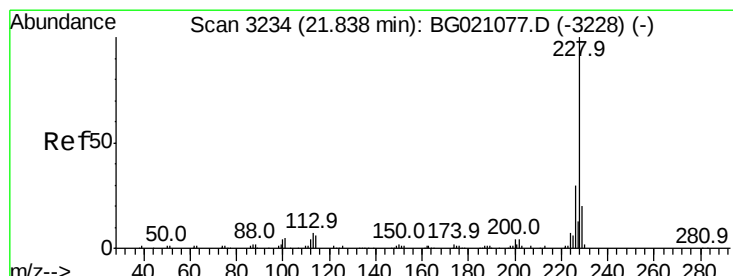
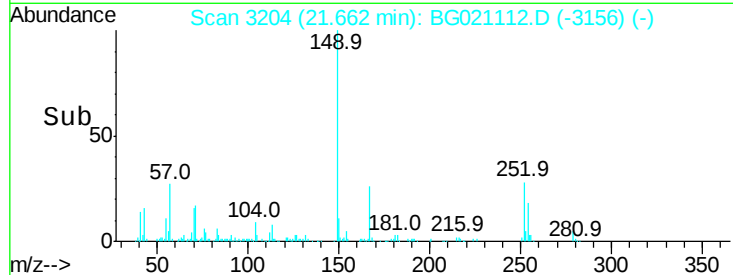
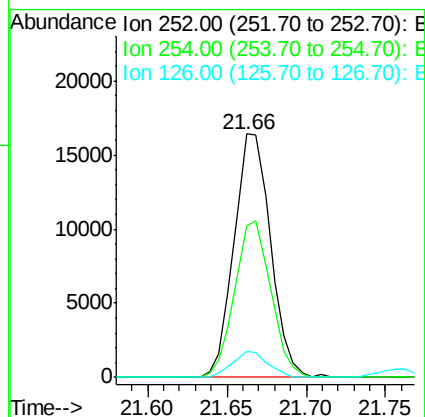
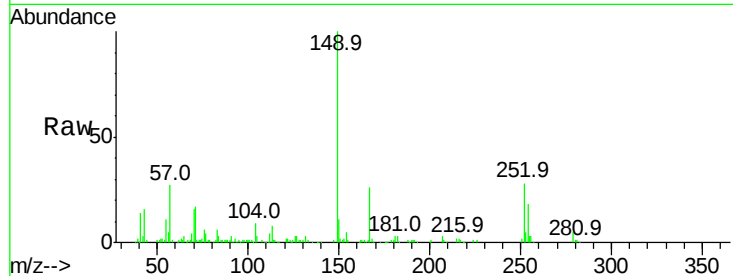
#81
 3,3'-Dichlorobenzidine
 Concen: 21.38 ng
 RT: 21.66 min Scan# 3204
 Delta R.T. -0.02 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MS

Tot Ion:	252	Resp:	26279
Ion Ratio	Lower	Upper	
252	100		
254	62.2	52.6	79.0
126	10.9	8.3	12.5

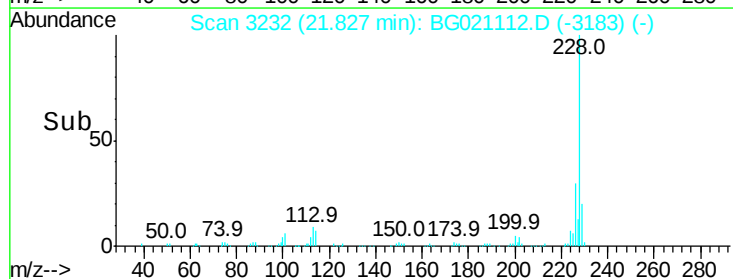
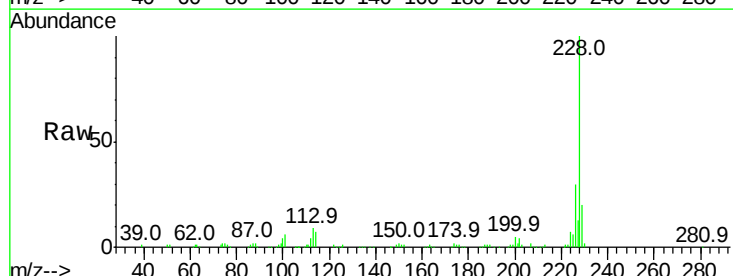
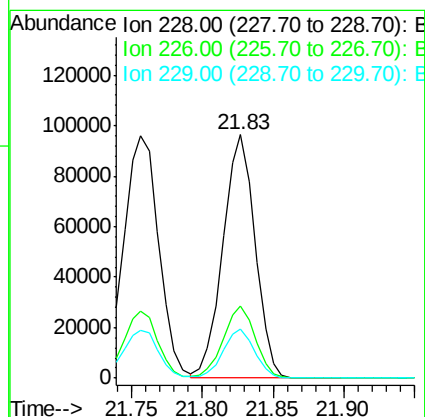
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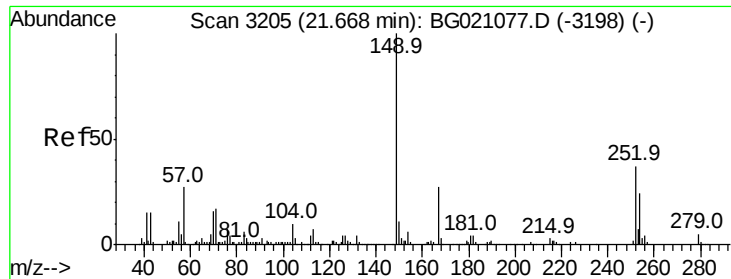
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#82
 Chrysene
 Concen: 50.52 ng
 RT: 21.83 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Tgt Ion:	228	Resp:	152818
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.7	35.5
229	20.0	16.7	25.1





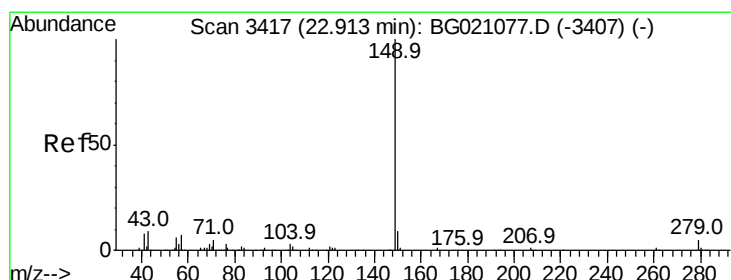
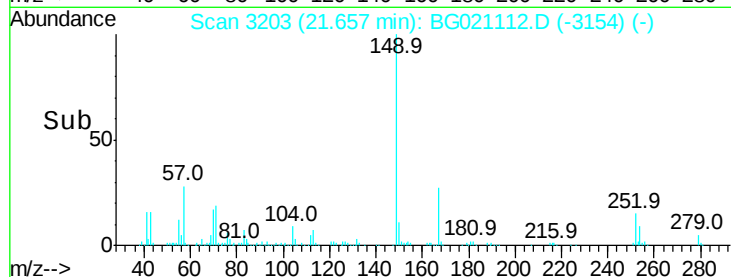
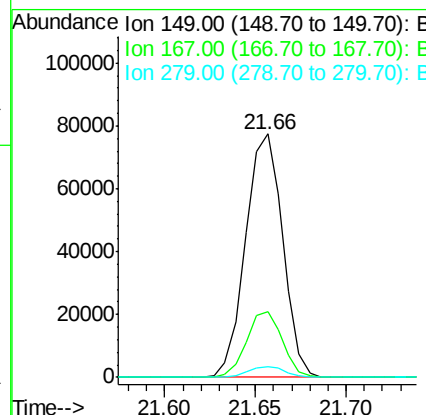
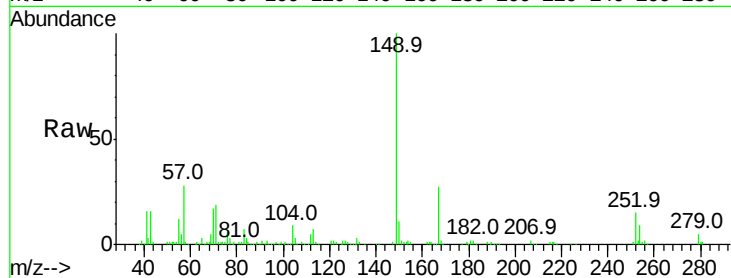
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.78 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. -0.01 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	110599		
167	27.1	18.9	28.3	
279	4.6	3.0	4.6#	

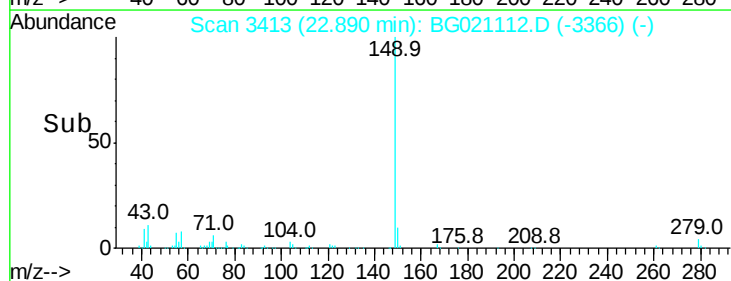
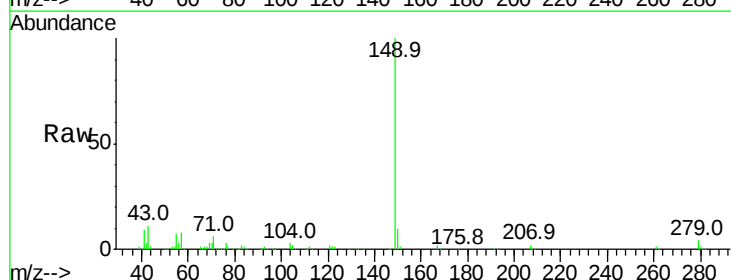
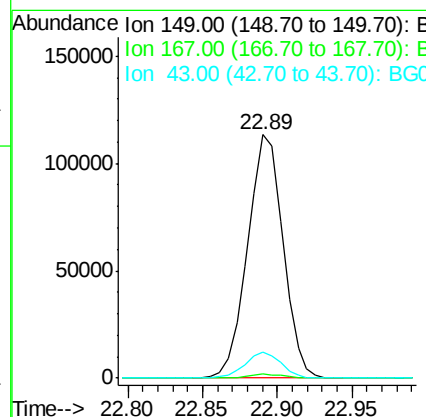
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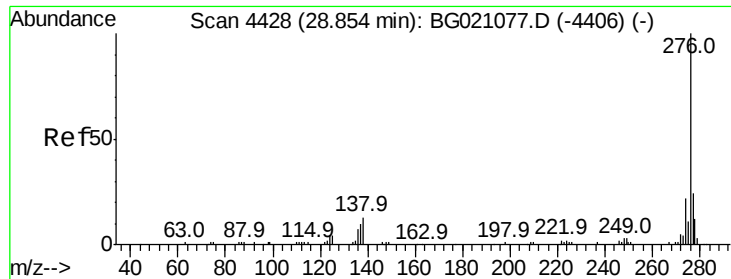
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#84
 Di-n-octyl phthalate
 Concen: 57.02 ng
 RT: 22.89 min Scan# 3413
 Delta R.T. -0.02 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	186144		
167	1.5	1.1	1.7	
43	11.0	9.8	14.8	





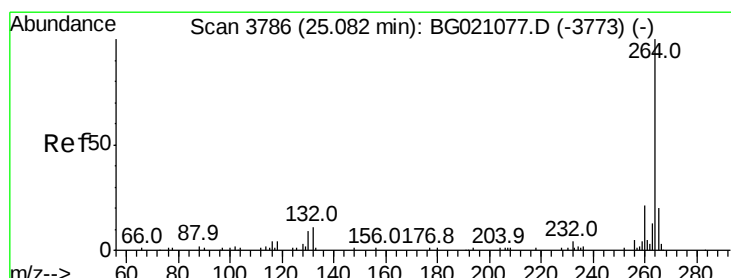
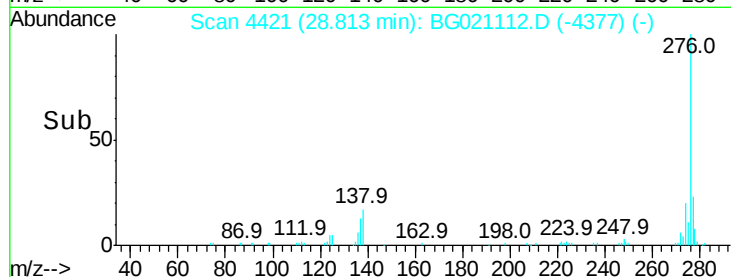
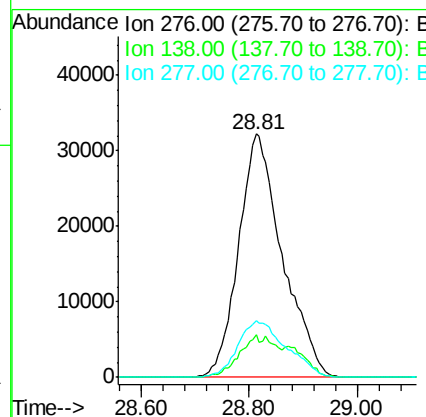
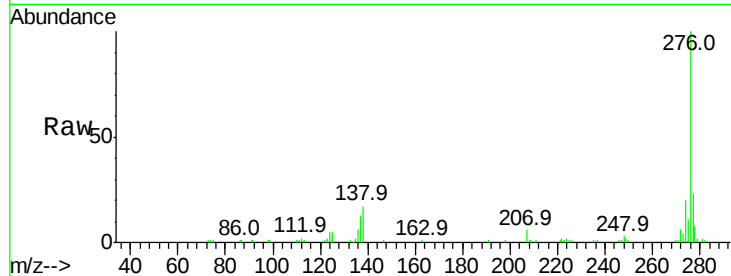
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.56 ng
 RT: 28.81 min Scan# 4421
 Delta R.T. -0.04 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	9.2	0.0	0.0#
277	25.7	0.0	0.0#

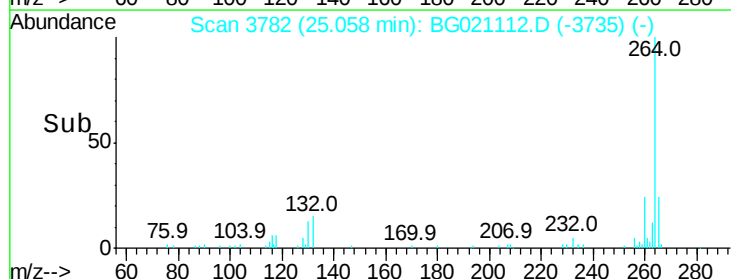
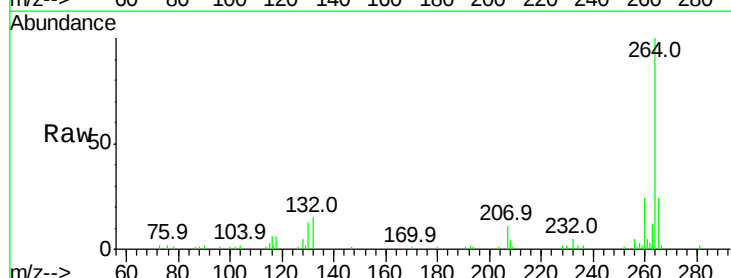
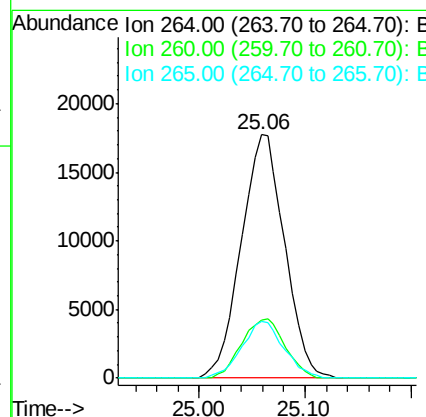
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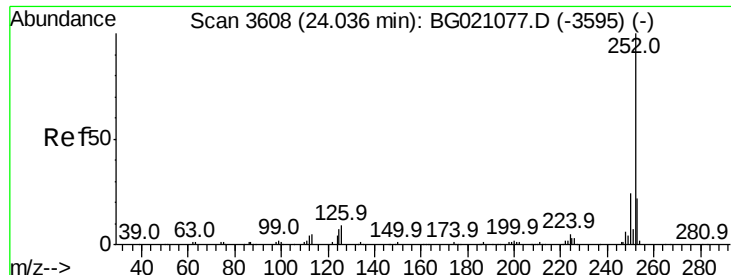
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3782
 Delta R.T. -0.02 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.0	18.5	27.7
265	23.5	18.6	28.0





#87

Benzo(b)fluoranthene

Concen: 53.80 ng

RT: 24.02 min Scan# 3605

Delta R.T. -0.02 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Instrument :

BNA_G

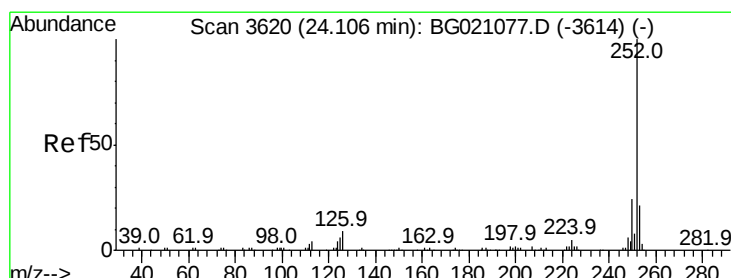
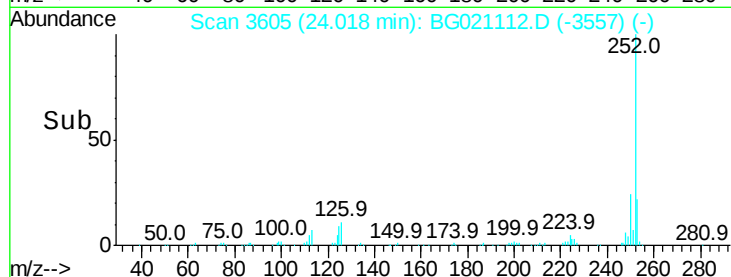
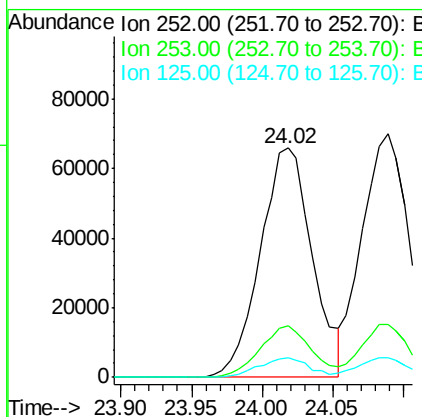
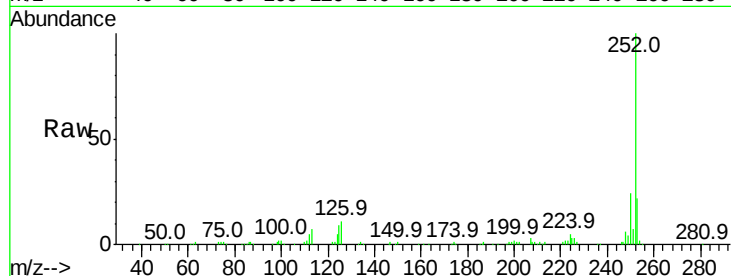
ClientSampleId :

CEB-3-20160224MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	169729		
253	22.2	16.8	25.2	
125	8.6	8.2	12.2	

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#88

Benzo(k)fluoranthene

Concen: 51.93 ng

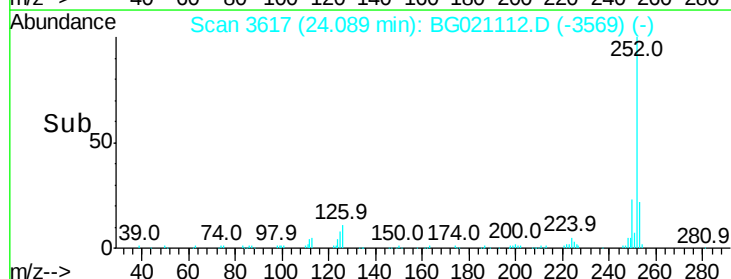
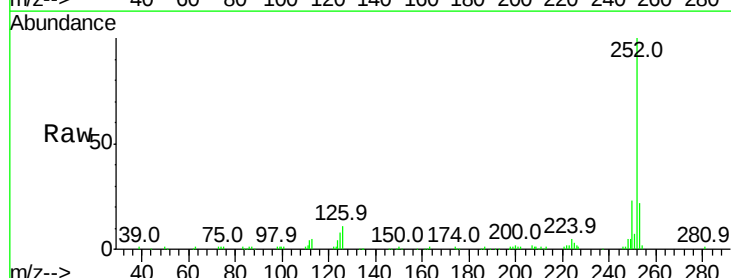
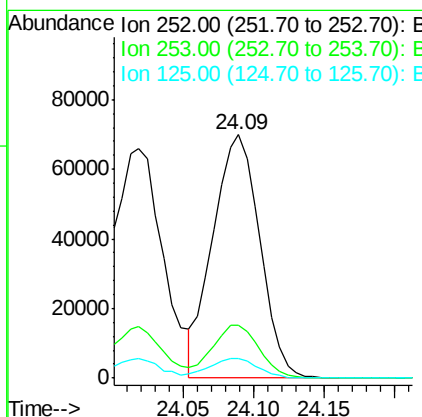
RT: 24.09 min Scan# 3617

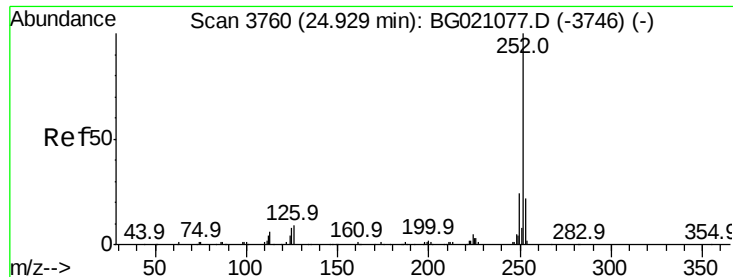
Delta R.T. -0.02 min

Lab File: BG021112.D

Acq: 27 Feb 2016 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	161509		
253	21.6	16.4	24.6	
125	8.2	8.2	12.2	





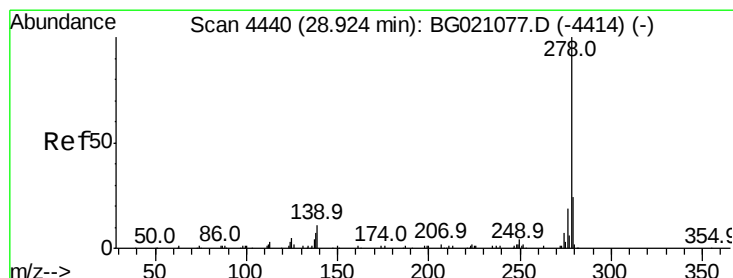
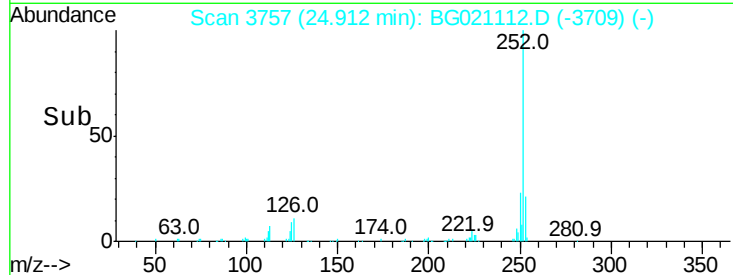
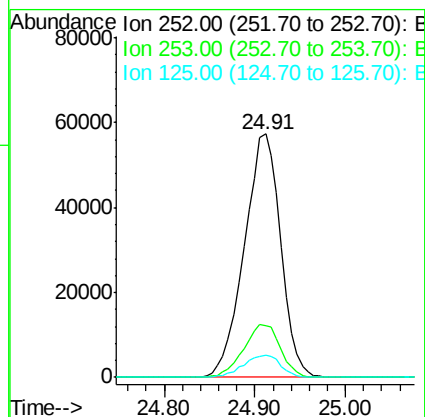
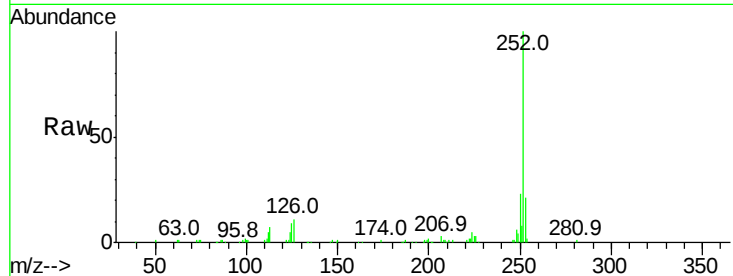
#89
Benzo(a)pyrene
Concen: 52.69 ng
RT: 24.91 min Scan# 3757
Delta R.T. -0.02 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Instrument :
BNA_G
ClientSampleId :
CEB-3-20160224MS

Tot Ion:	252	Resp:	159563
Ion Ratio	Lower	Upper	
252	100		
253	21.0	15.8	23.8
125	8.9	8.4	12.6

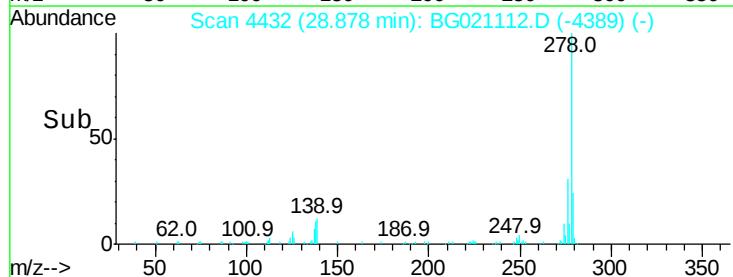
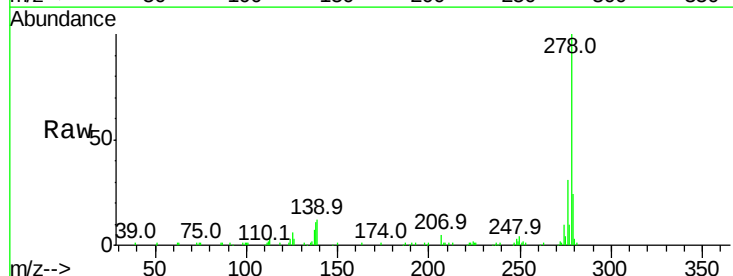
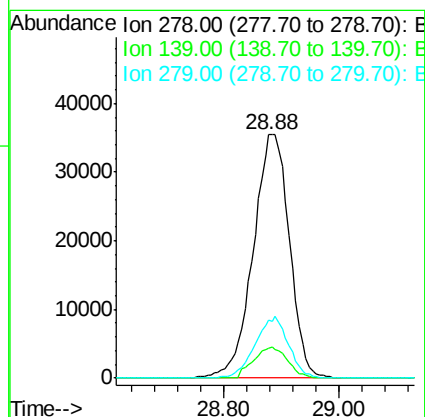
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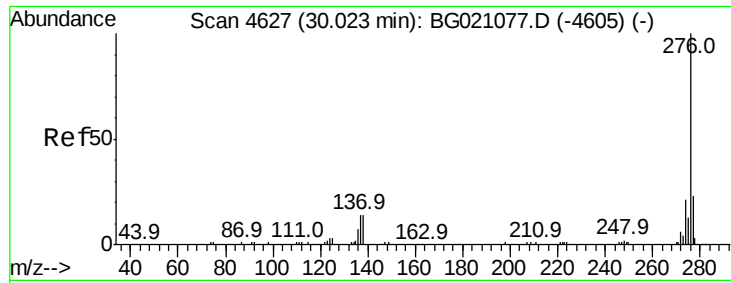
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#90
Dibenzo(a,h)anthracene
Concen: 50.82 ng
RT: 28.88 min Scan# 4432
Delta R.T. -0.05 min
Lab File: BG021112.D
Acq: 27 Feb 2016 13:09

Tgt Ion:	278	Resp:	155156
Ion Ratio	Lower	Upper	
278	100		
139	12.5	10.6	15.8
279	23.8	19.7	29.5





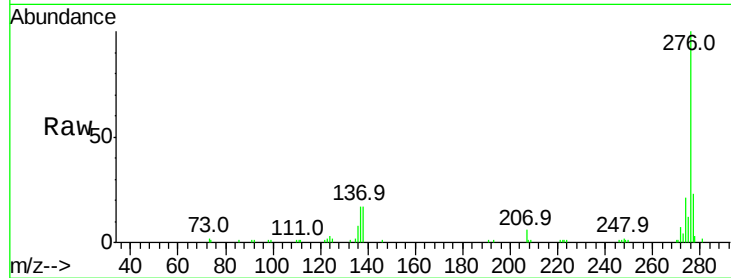
#91
 Benzo(a,h,i)perylene
 Concen: 50.08 ng
 RT: 30.00 min Scan# 4623
 Delta R.T. -0.02 min
 Lab File: BG021112.D
 Acq: 27 Feb 2016 13:09

Instrument :
 BNA_G
 ClientSampleId :
 CEB-3-20160224MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.1	16.6	25.0
138	16.6	14.6	21.8

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

