

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
 Data File : BG021122.D
 Acq On : 27 Feb 2016 19:42
 Operator : UM/SJ
 Sample : H1565-04MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MSD

Manual Integrations
 APPROVED

Sohil
 2/29/2016 12:39:03 PM

Quant Time: Feb 29 02:25:45 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	6864	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	33517	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	22319	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	56656	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	60954	20.00	ng	-0.02
86) Perylene-d12	25.06	264	56003	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	67871	173.11	ng	0.00
7) Phenol-d6	7.31	99	108577	186.10	ng	-0.01
23) Nitrobenzene-d5	9.33	82	74811	106.35	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	39482	134.92	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	143098	82.04	ng	0.00
78) Terphenyl-d14	20.10	244	246840	94.64	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	7683	42.32	ng	87
3) Pyridine	4.01	79	24313	45.79	ng	96
4) n-Nitrosodimethylamine	3.92	42	12543	46.59	ng	93
6) Aniline	7.49	93	16121	22.34	ng	89
8) 2-Chlorophenol	7.73	128	27295	55.82	ng	88
9) Benzaldehyde	7.30	77	4406	13.94	ng	# 80
10) Phenol	7.34	94	39500	66.09	ng	79
11) bis(2-Chloroethyl)ether	7.58	93	24913	54.38	ng	98
12) 1,3-Dichlorobenzene	8.05	146	24584	47.24	ng	# 90
13) 1,4-Dichlorobenzene	8.20	146	25415	45.71	ng	94
14) 1,2-Dichlorobenzene	8.52	146	25178	47.83	ng	97
15) Benzyl Alcohol	8.40	79	32672	64.11	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.70	45	36482	69.46	ng	95
17) 2-Methylphenol	8.60	107	26155	62.00	ng	# 90
18) Hexachloroethane	9.25	117	10203	48.51	ng	91
19) n-Nitroso-di-n-propylamine	8.97	70	26884	59.74	ng	94
20) 3+4-Methylphenols	8.92	107	36576	62.53	ng	94
22) Acetophenone	8.99	105	44653	48.27	ng	# 93
24) Nitrobenzene	9.38	77	38681	53.23	ng	# 87
25) Isophorone	9.89	82	74151	56.24	ng	96
26) 2-Nitrophenol	10.09	139	15142	49.28	ng	# 67
27) 2,4-Dimethylphenol	10.13	122	28676	52.91	ng	89
28) bis(2-Chloroethoxy)methane	10.38	93	38061	59.23	ng	95
29) 2,4-Dichlorophenol	10.62	162	27928	52.64	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	25772	42.86	ng	96
31) Naphthalene	11.03	128	83449	48.47	ng	99
32) Benzoic acid	10.19	122	2937	5.90	ng	90
33) 4-Chloroaniline	11.13	127	6504	9.04	ng	94
34) Hexachlorobutadiene	11.31	225	16248	40.38	ng	93
35) Caprolactam	11.90	113	11833m	66.01	ng	
36) 4-Chloro-3-methylphenol	12.23	107	37938	58.33	ng	# 86
37) 2-Methylnaphthalene	12.62	142	62745	51.90	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	32385	39.26	ng	# 97
40) Hexachlorocyclopentadiene	12.96	237	42631	78.60	ng	98

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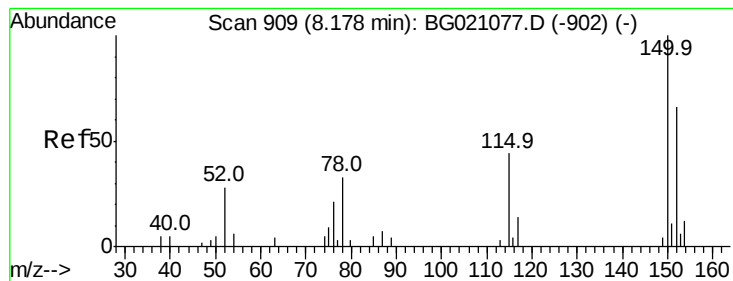
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	25670	49.63	nq	97
43) 2,4,5-Trichlorophenol	13.28	196	28659	53.93	nq	90
45) 1,1'-Biphenyl	13.61	154	83632	44.50	nq	96
46) 2-Chloronaphthalene	13.66	162	66124	46.37	nq	98
47) 2-Nitroaniline	13.85	65	31321	67.78	nq	# 75
48) Acenaphthylene	14.50	152	109821	48.67	nq	98
49) Dimethylphthalate	14.22	163	123460	64.18	nq	# 98
50) 2,6-Dinitrotoluene	14.35	165	20677	52.25	nq	# 71
51) Acenaphthene	14.84	154	77261	50.20	nq	99
52) 3-Nitroaniline	14.67	138	7678	19.94	nq	# 69
53) 2,4-Dinitrophenol	14.87	184	16315	59.13	nq	# 83
54) Dibenzofuran	15.17	168	104053	53.37	nq	91
55) 4-Nitrophenol	14.97	139	40001	117.12	nq	# 57
56) 2,4-Dinitrotoluene	15.13	165	31315	55.18	nq	# 85
57) Fluorene	15.82	166	91774	48.39	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	26078	56.46	nq	# 97
59) Diethylphthalate	15.58	149	105381	51.98	nq	98
60) 4-Chlorophenyl-phenylether	15.80	204	46512	44.58	nq	96
61) 4-Nitroaniline	15.83	138	24085	54.93	nq	# 58
62) Azobenzene	16.10	77	115387	65.69	nq	93
64) 4,6-Dinitro-2-methylphenol	15.88	198	19499	46.92	nq	94
65) n-Nitrosodiphenylamine	16.02	169	84536	50.58	nq	92
66) 4-Bromophenyl-phenylether	16.70	248	28739	43.08	nq	# 87
67) Hexachlorobenzene	16.81	284	29122	41.38	nq	# 93
68) Atrazine	16.96	200	33044	53.35	nq	100
69) Pentachlorophenol	17.16	266	42214	88.86	nq	95
70) Phenanthrene	17.56	178	150640	49.42	nq	98
71) Anthracene	17.64	178	152343	49.62	nq	99
72) Carbazole	17.91	167	144007	54.33	nq	98
73) Di-n-butylphthalate	18.45	149	184987	52.94	nq	# 97
74) Fluoranthene	19.55	202	180542	47.21	nq	98
76) Benzidine	19.72	184	48500	30.24	nq	100
77) Pyrene	19.91	202	185479	54.95	nq	98
79) Butylbenzylphthalate	20.78	149	83344	59.17	nq	88
80) Benzo(a)anthracene	21.76	228	177374	50.57	nq	98
81) 3,3'-Dichlorobenzidine	21.66	252	21655	15.78	nq	94
82) Chrysene	21.83	228	158113	46.81	nq	99
83) Bis(2-ethylhexyl)phthalate	21.65	149	123197	56.64	nq	96
84) Di-n-octyl phthalate	22.88	149	207955	57.05	nq	98
85) Indeno(1,2,3-cd)pyrene	28.81	276	186229	45.73	nq	# 100
87) Benzo(b)fluoranthene	24.02	252	173413	49.54	nq	98
88) Benzo(k)fluoranthene	24.09	252	168869	48.94	nq	97
89) Benzo(a)pyrene	24.91	252	166651	49.59	nq	97
90) Dibenzo(a,h)anthracene	28.87	278	157855	46.60	nq	99
91) Benzo(g,h,i)perylene	29.99	276	151827	46.53	nq	95

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



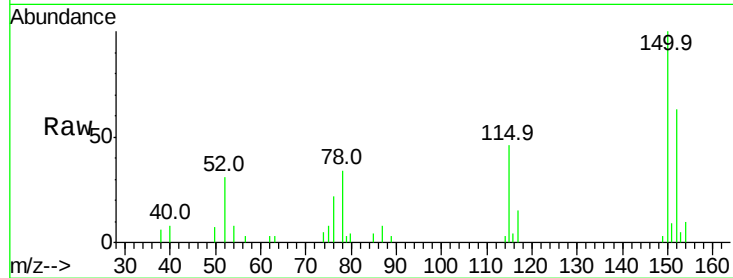
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.17 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Instrument :
 BNA_G
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 CEB-2(12-14)20160223MSD

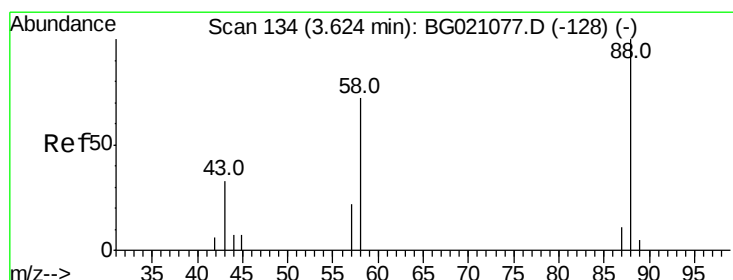
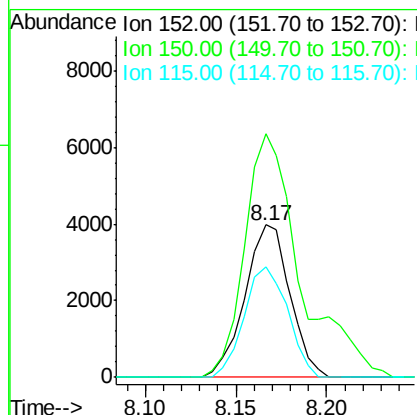
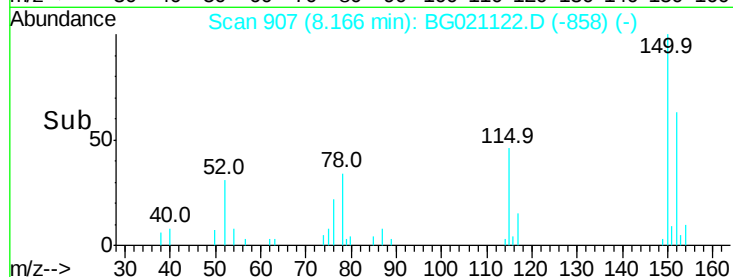
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	123.4	185.2
115	72.9	43.3	64.9

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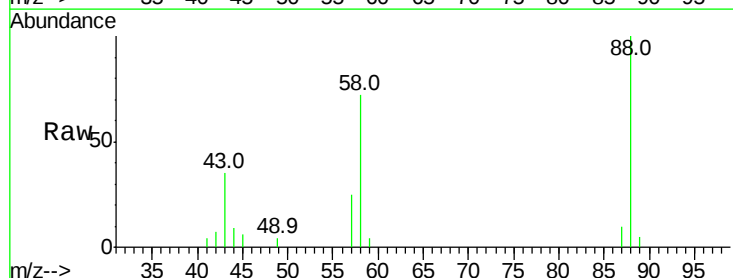


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

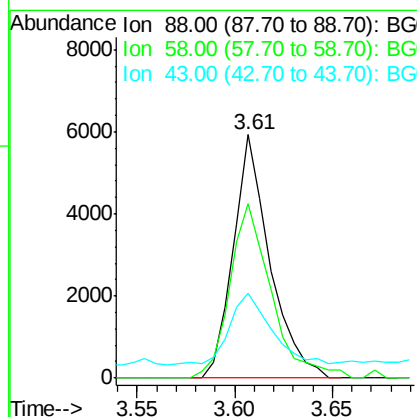
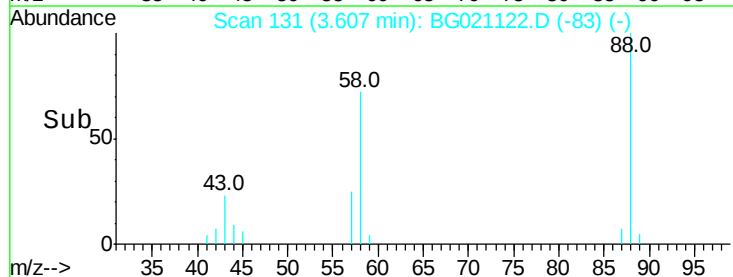


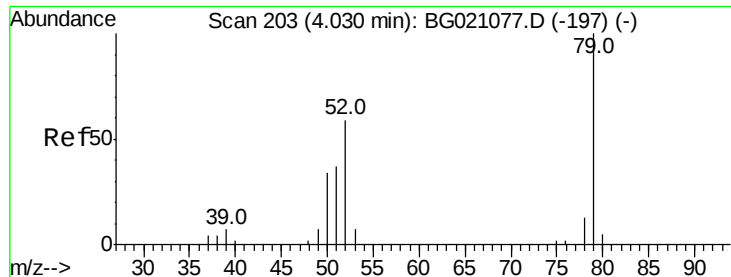
#2
 1,4-Dioxane
 Concen: 42.32 ng
 RT: 3.61 min Scan# 131
 Delta R.T. -0.02 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.0	55.9	83.9
43	33.7	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: 45.79 ng

RT: 4.01 min Scan# 199

Delta R.T. -0.02 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

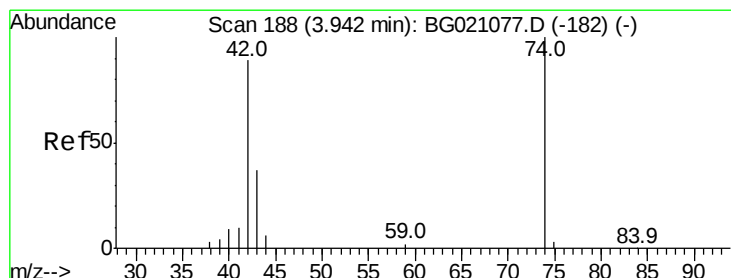
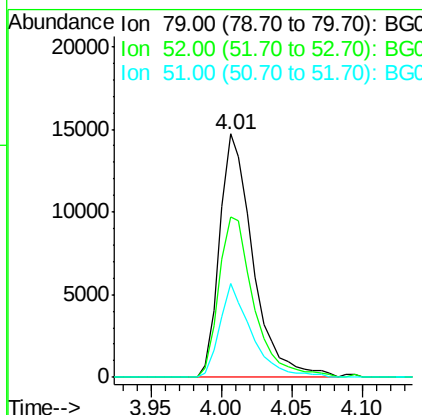
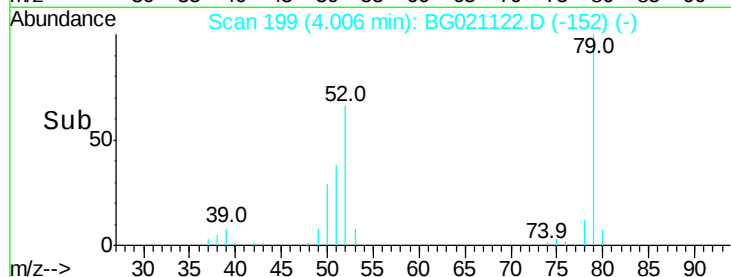
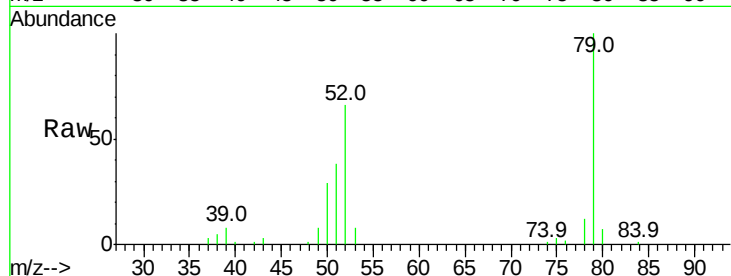
ClientSampleId :

CEB-2(12-14)20160223MSD

Tot Ion:	79	Resp:	24313
Ion Ratio	Lower	Upper	
79	100		
52	66.0	53.2	79.8
51	38.4	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 46.59 ng

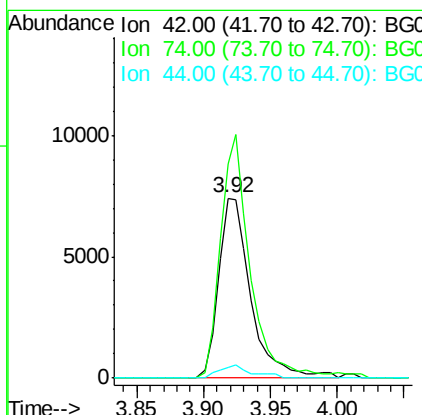
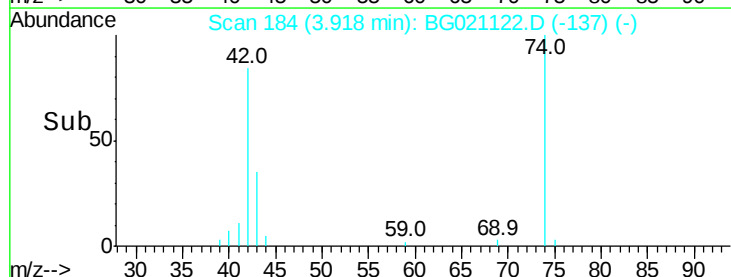
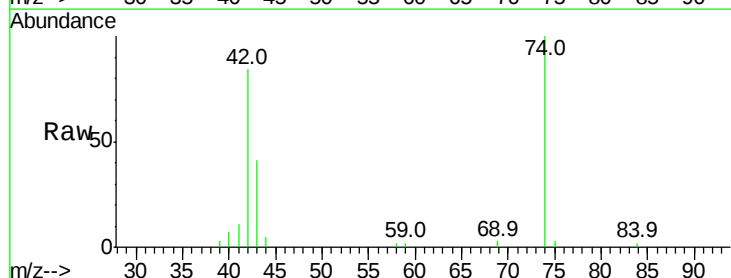
RT: 3.92 min Scan# 184

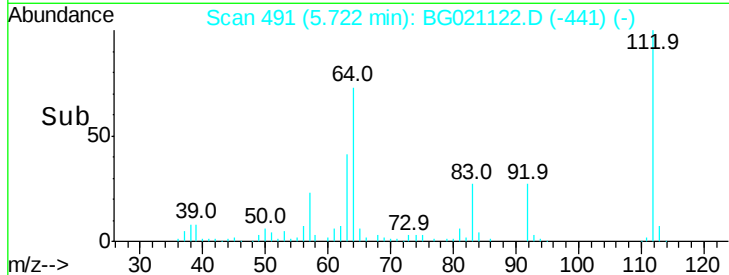
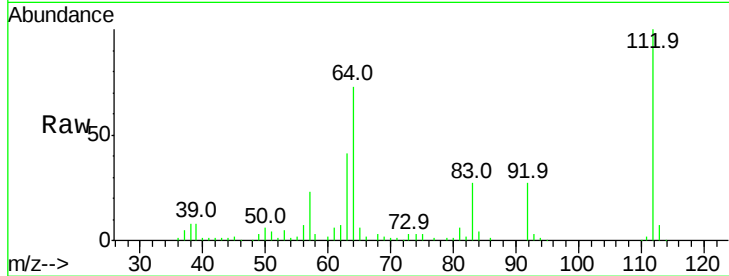
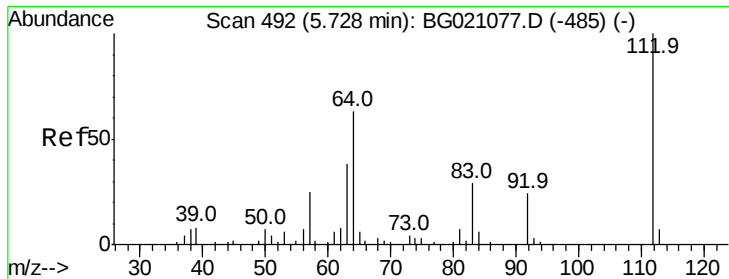
Delta R.T. -0.02 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Tgt Ion:	42	Resp:	12543
Ion Ratio	Lower	Upper	
42	100		
74	119.4	102.3	153.5
44	6.2	4.8	7.2





#5

2-Fluorophenol

Concen: 173.11 ng

RT: 5.72 min Scan# 491

Delta R.T. -0.00 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	72.9	42.6	63.8#
63	40.5	21.7	32.5#

Instrument :

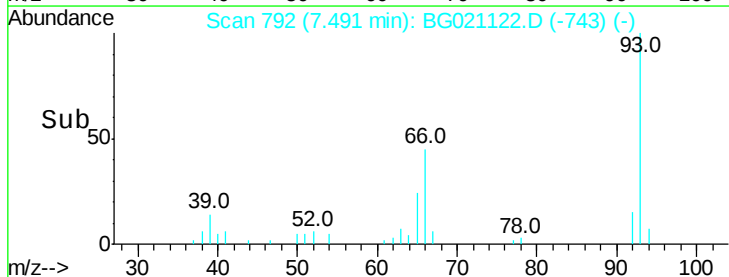
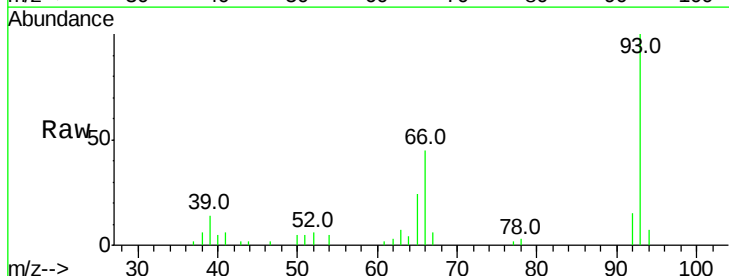
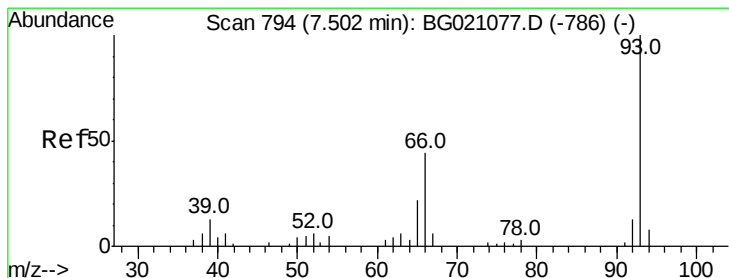
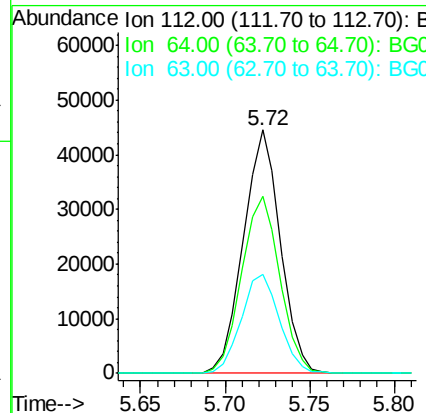
BNA_G

ClientSampleId :

CEB-2(12-14)20160223MSD

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#6

Aniline

Concen: 22.34 ng

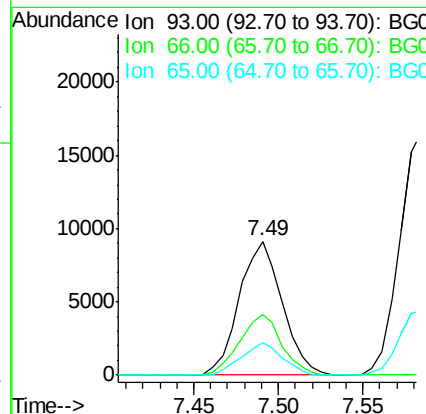
RT: 7.49 min Scan# 792

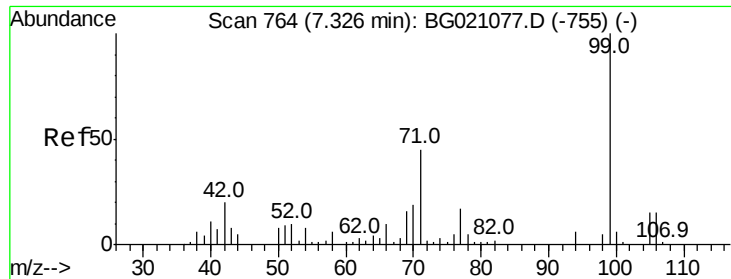
Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	45.1	30.1	45.1
65	24.4	16.6	24.8





#7

Phenol-d6

Concen: 186.10 ng

RT: 7.31 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MSD

Tot Ion: 99 Resp: 108577
Ion Ratio Lower Upper

99 100

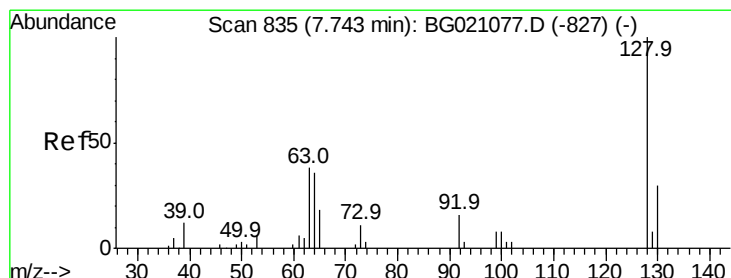
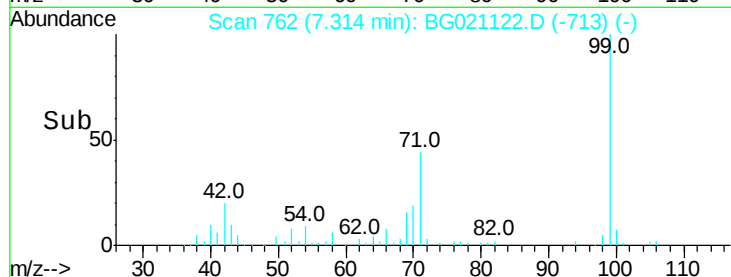
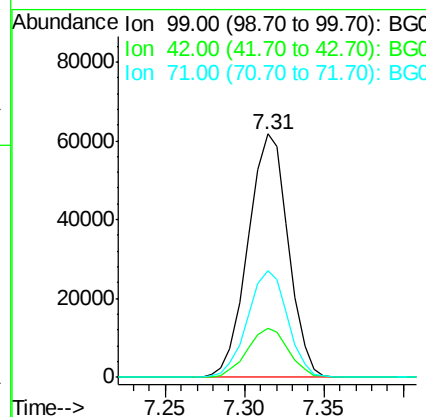
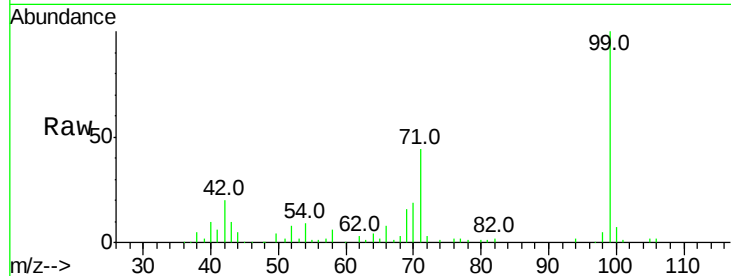
42 20.2 13.2 19.8#

71 43.6 25.2 37.8#

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#8

2-Chlorophenol

Concen: 55.82 ng

RT: 7.73 min Scan# 833

Delta R.T. -0.01 min

Lab File: BG021122.D

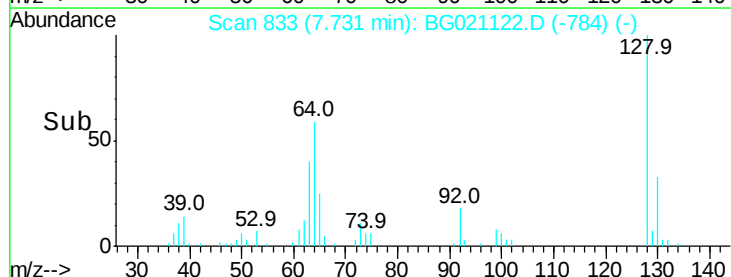
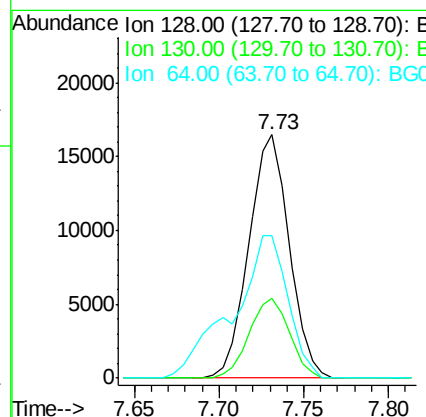
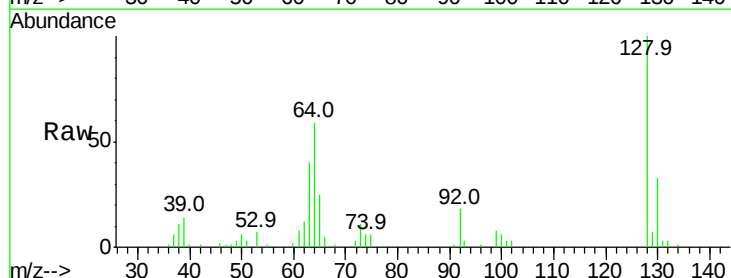
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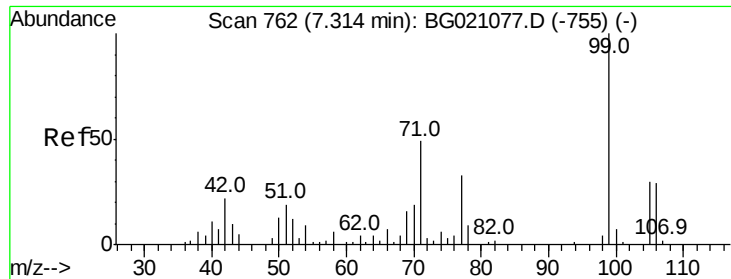
Tgt Ion: 128 Resp: 27295
Ion Ratio Lower Upper

128 100

130 32.9 11.9 51.9

64 58.6 25.8 65.8





#9

Benzaldehyde

Concen: 13.94 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MSD

Tot Ion: 77 Resp: 4406

Ion Ratio Lower Upper

77 100

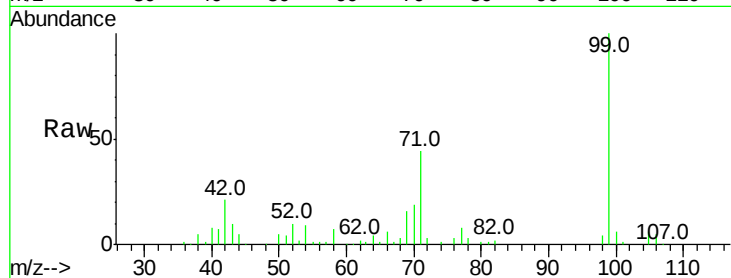
105 78.0 77.4 117.4

106 72.5 72.8 112.8#

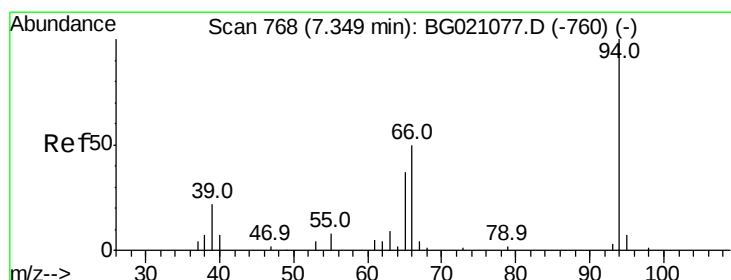
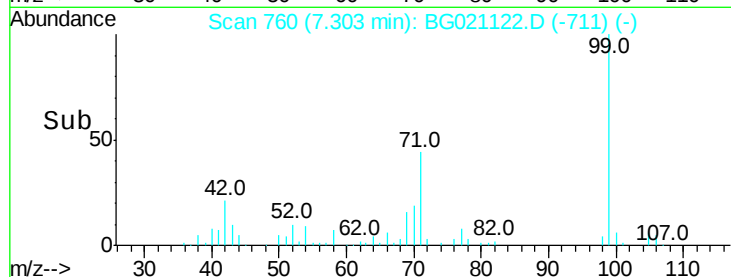
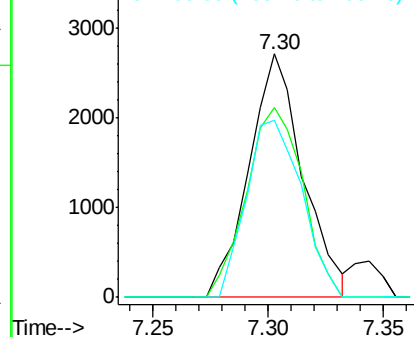
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 66.09 ng

RT: 7.34 min Scan# 767

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

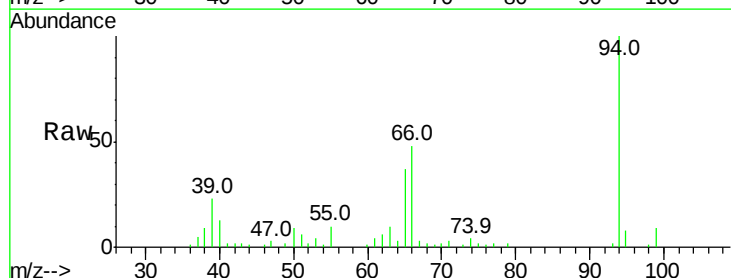
Tgt Ion: 94 Resp: 39500

Ion Ratio Lower Upper

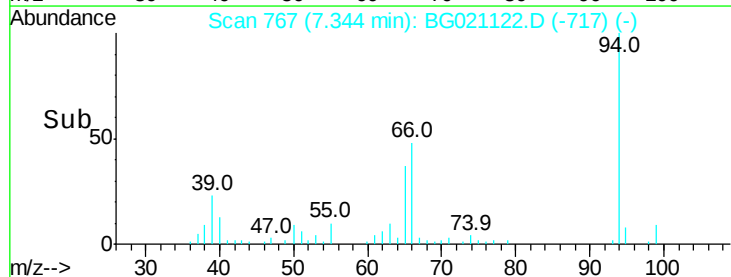
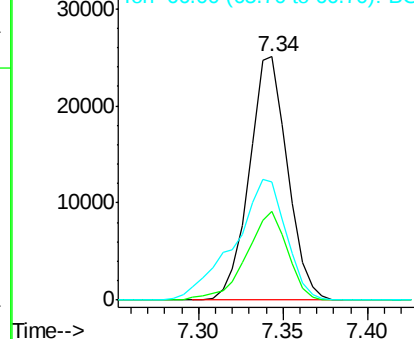
94 100

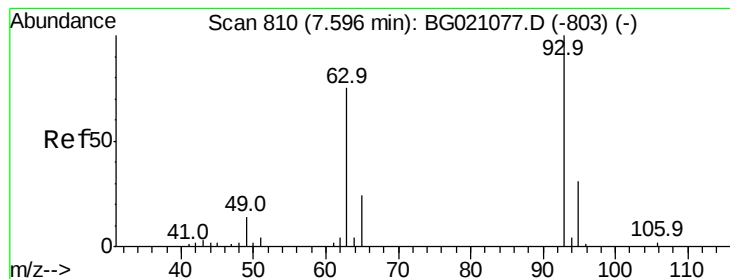
65 36.6 7.2 47.2

66 48.5 15.4 55.4



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





#11

bis(2-Chloroethyl)ether

Concen: 54.38 ng

RT: 7.58 min Scan# 808

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

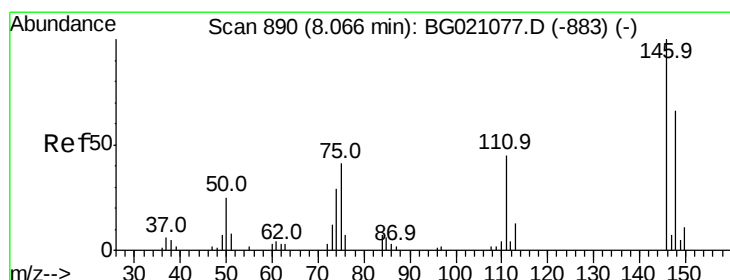
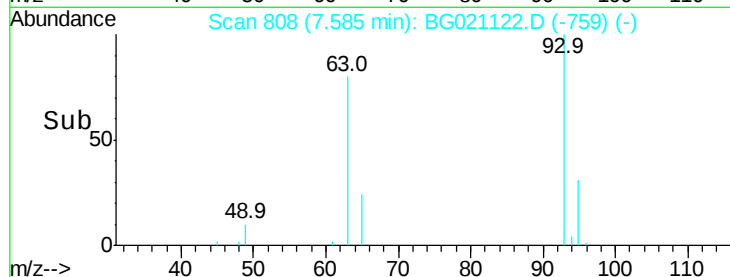
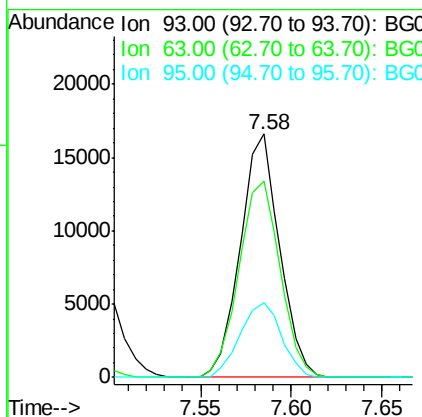
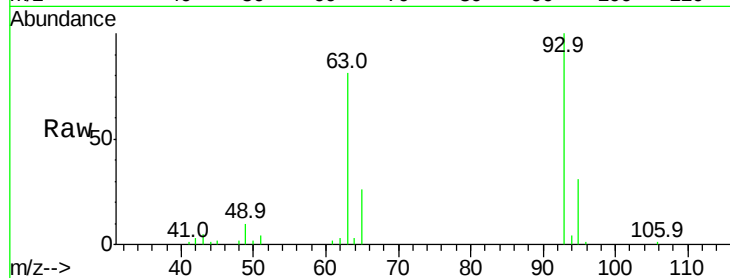
ClientSampleId :

CEB-2(12-14)20160223MSD

Tot Ion:	93	Resp:	24913
Ion Ratio	Lower	Upper	
93	100		
63	80.8	60.5	100.5
95	30.5	14.6	54.6

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#12

1,3-Dichlorobenzene

Concen: 47.24 ng

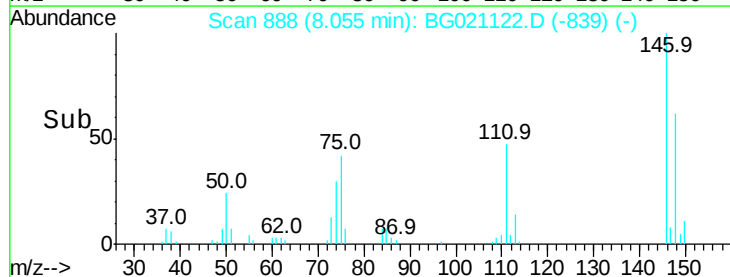
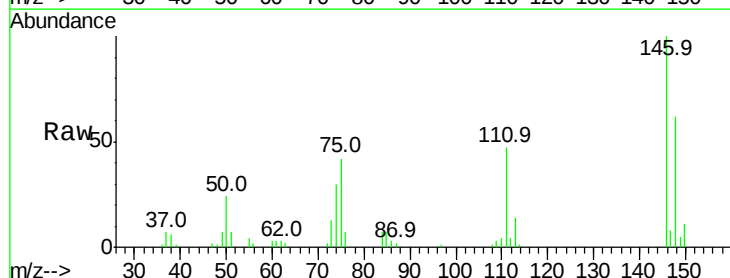
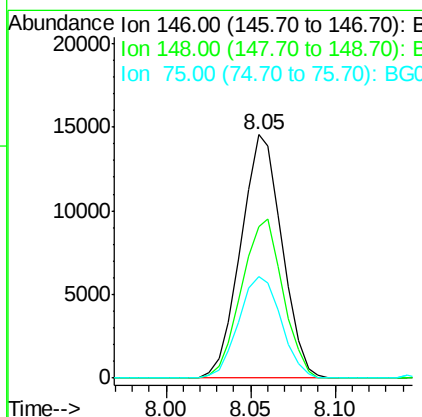
RT: 8.05 min Scan# 888

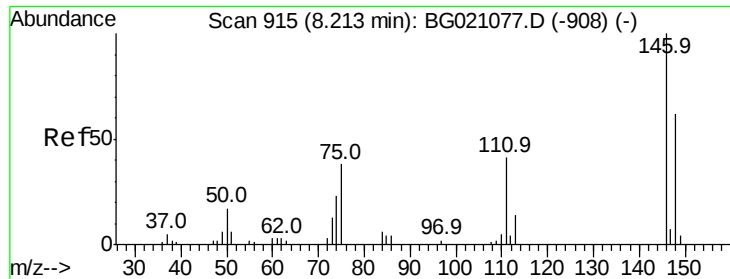
Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Tgt Ion:	146	Resp:	24584
Ion Ratio	Lower	Upper	
146	100		
148	62.4	52.6	78.8
75	41.7	24.0	36.0#





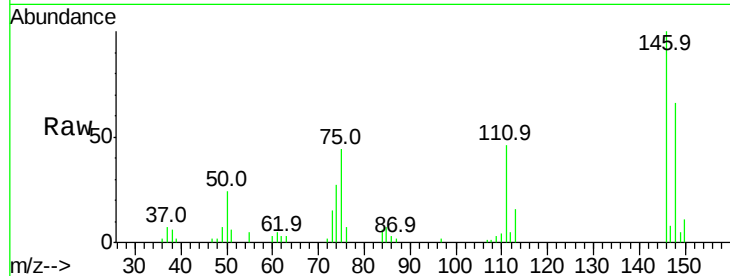
#13
 1,4-Dichlorobenzene
 Concen: 45.71 ng
 RT: 8.20 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.4	50.2	75.4
111	45.6	31.9	47.9

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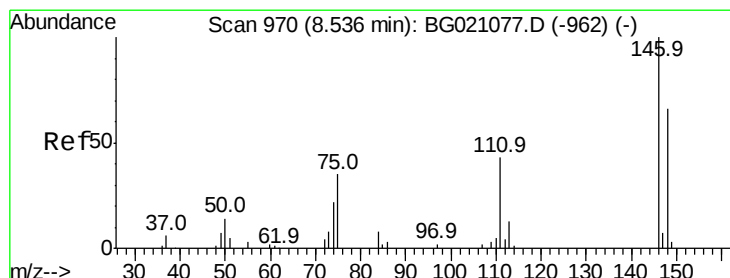
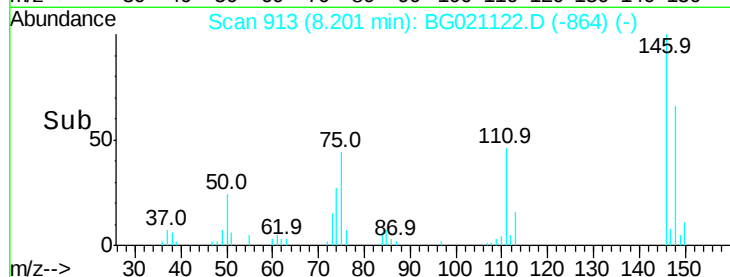
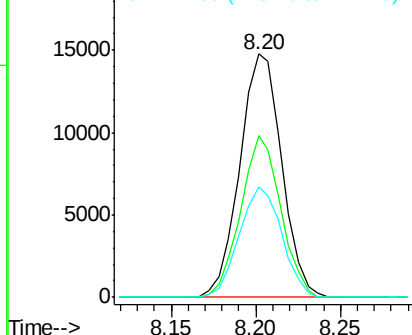


Abundance

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: 47.83 ng
 RT: 8.52 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

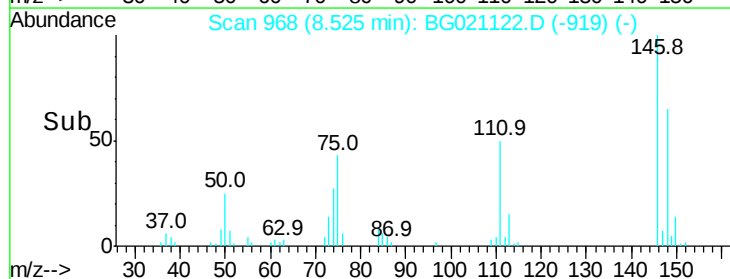
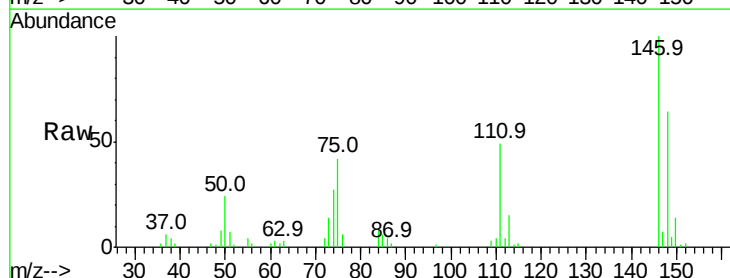
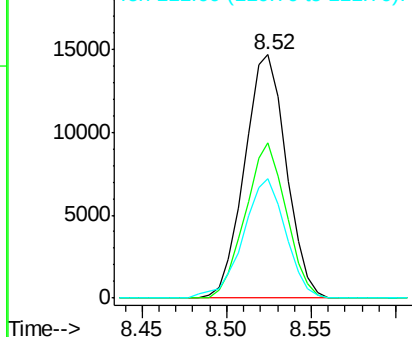
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.5	75.7
111	48.8	35.4	53.2

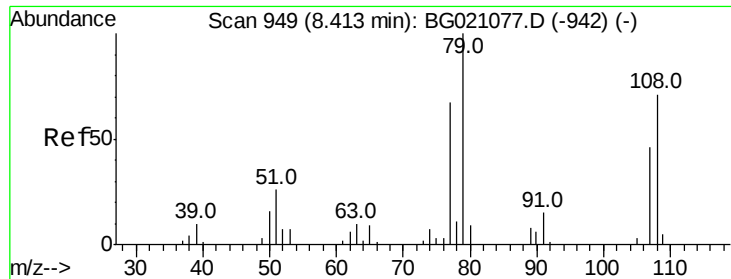
Abundance

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: 64.11 ng

RT: 8.40 min Scan# 947

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MSD

Tot Ion: 79 Resp: 32672

Ion Ratio Lower Upper

79 100

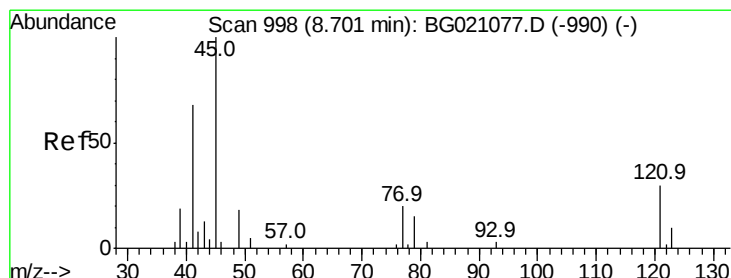
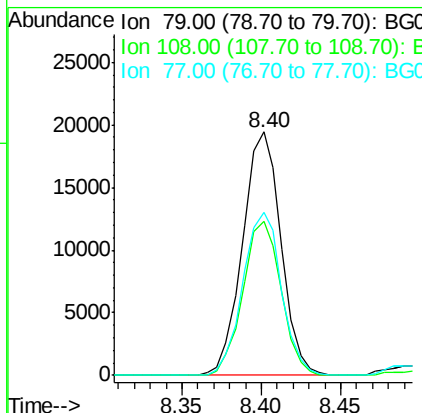
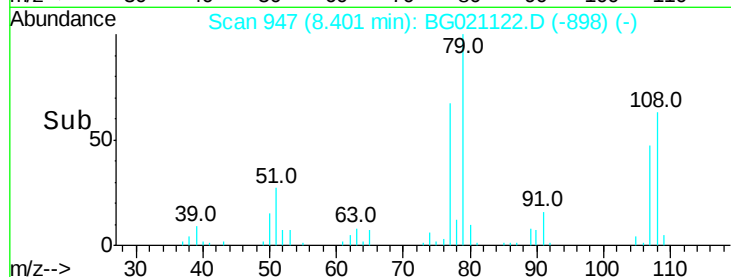
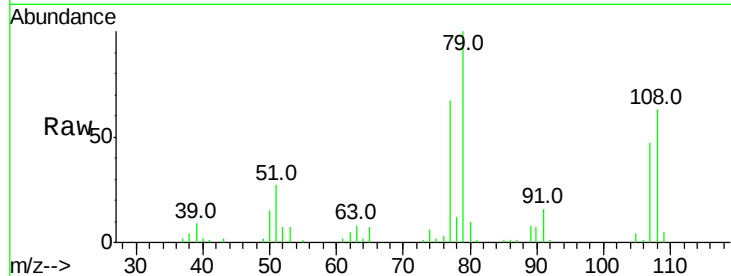
108 63.2 65.1 97.7#

77 67.0 53.8 80.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 69.46 ng

RT: 8.70 min Scan# 997

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

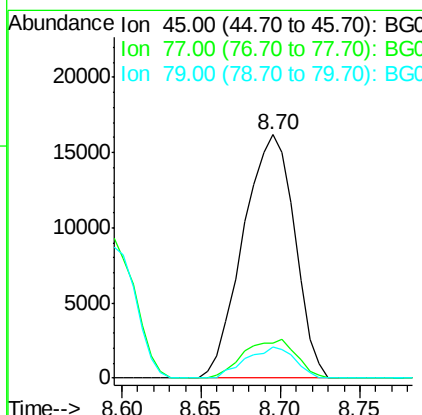
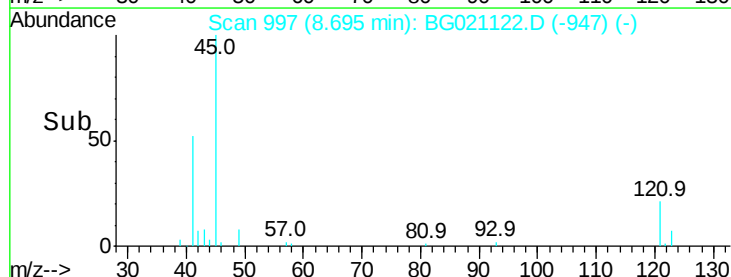
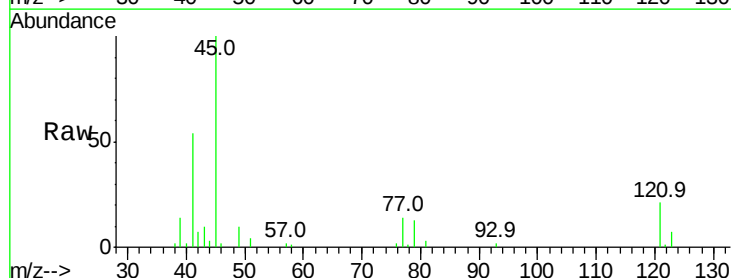
Tgt Ion: 45 Resp: 36482

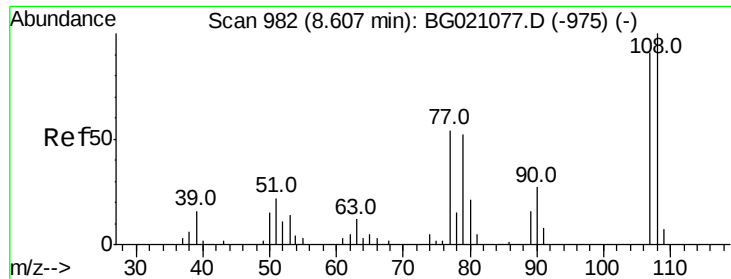
Ion Ratio Lower Upper

45 100

77 14.3 0.0 33.3

79 12.8 0.0 29.6





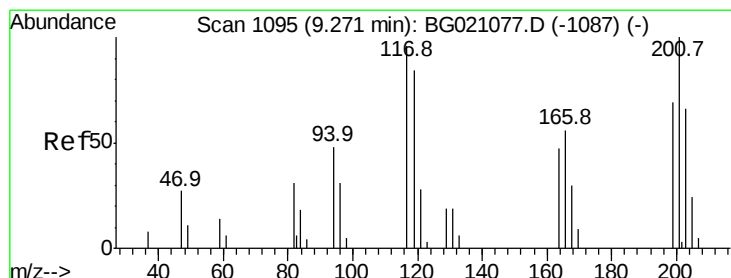
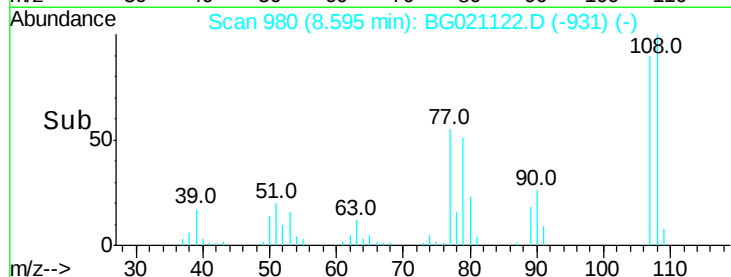
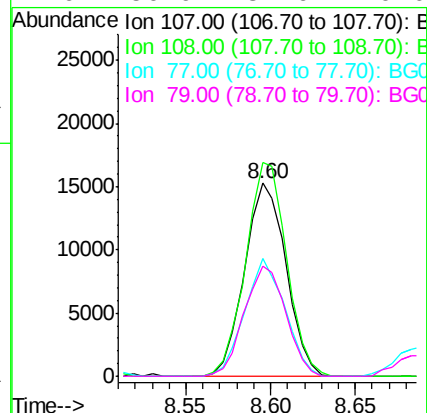
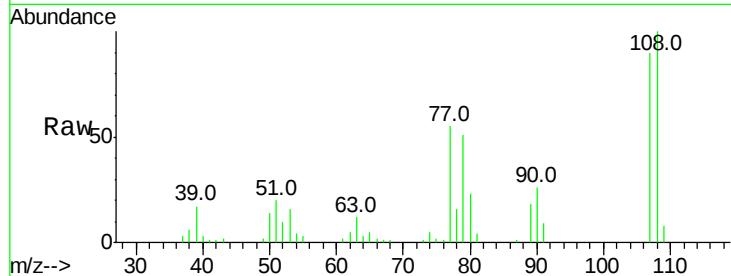
#17
2-Methylphenol
Concen: 62.00 ng
RT: 8.60 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.5	88.8	133.2	
77	60.8	38.0	57.0	
79	56.9	32.6	49.0	

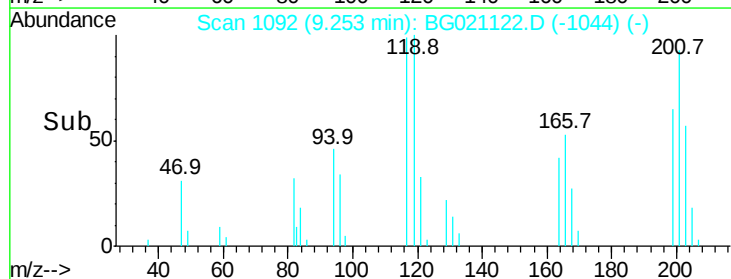
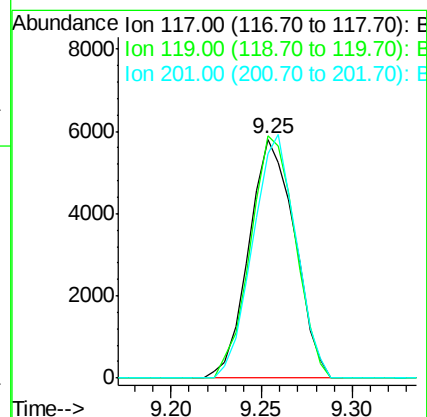
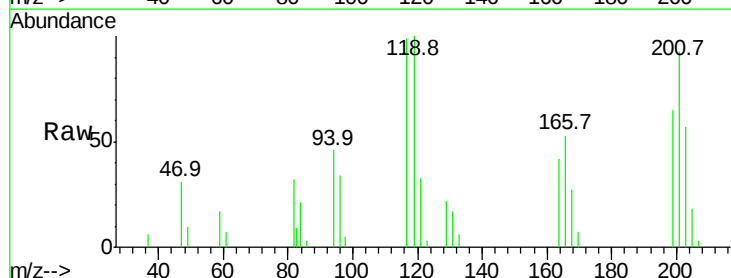
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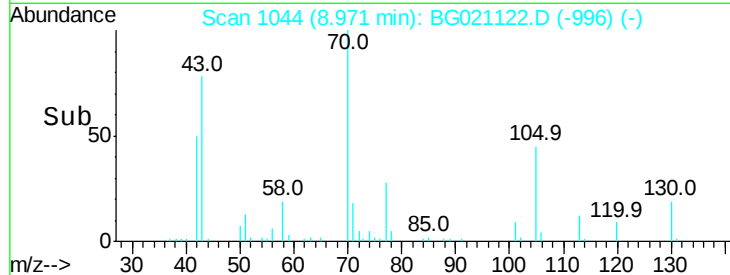
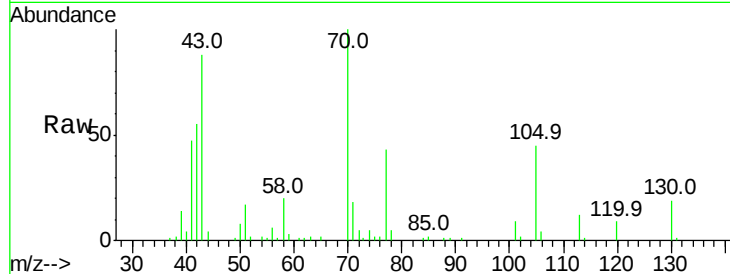
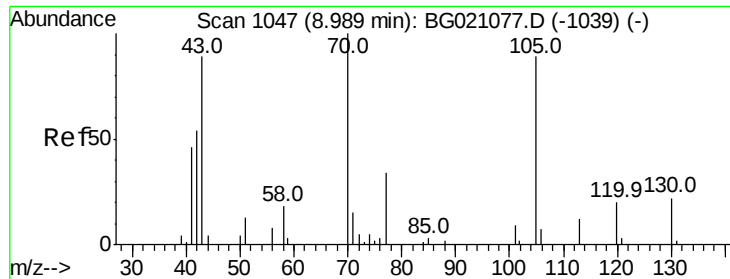
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#18
Hexachloroethane
Concen: 48.51 ng
RT: 9.25 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.3	74.5	111.7	
201	93.8	68.2	102.4	





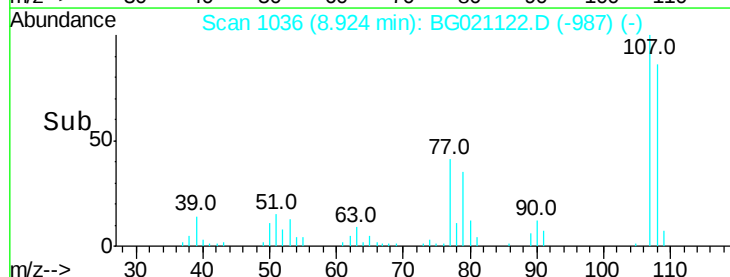
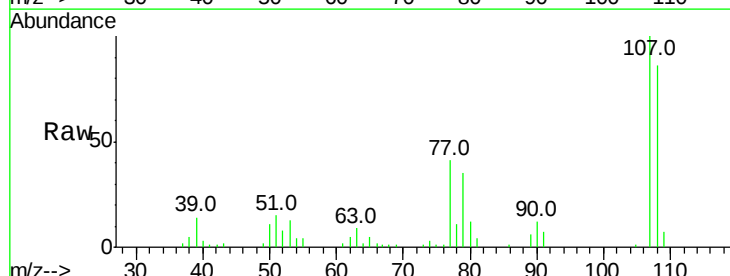
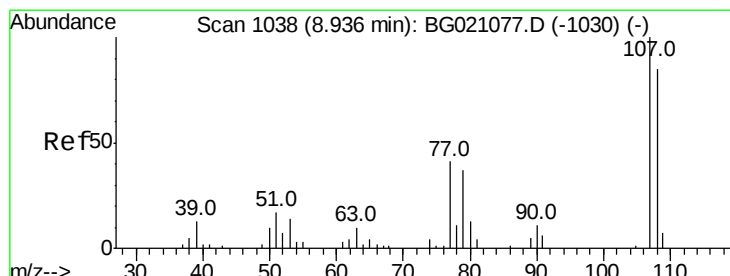
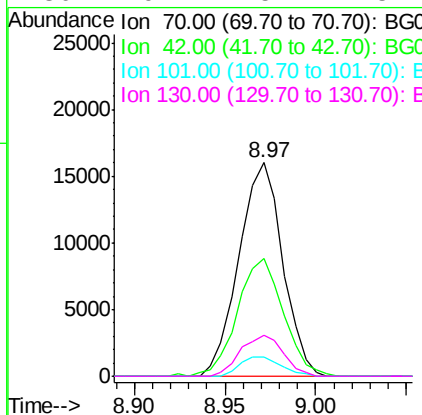
#19
n-Nitroso-di-n-propylamine
Concen: 59.74 ng
RT: 8.97 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

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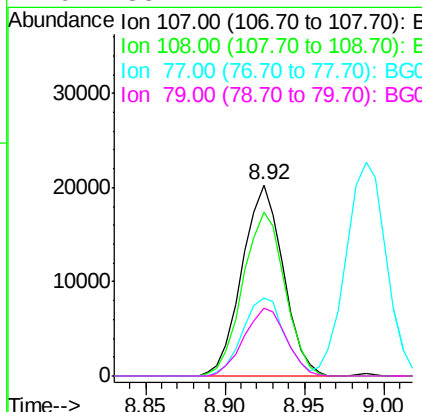
Sohil
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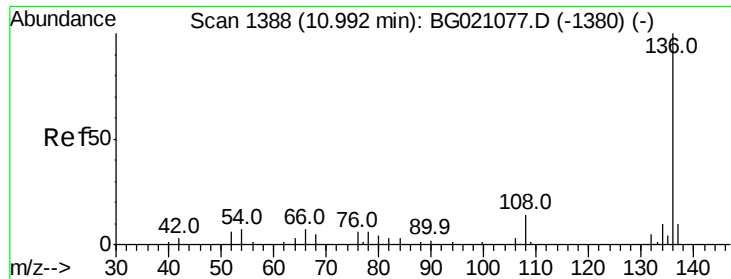
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.4	48.8	73.2	
101	9.2	8.5	12.7	
130	19.1	15.4	23.2	



#20
3+4-Methylphenols
Concen: 62.53 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.1	67.6	107.6	
77	40.9	14.4	54.4	
79	35.4	7.7	47.7	





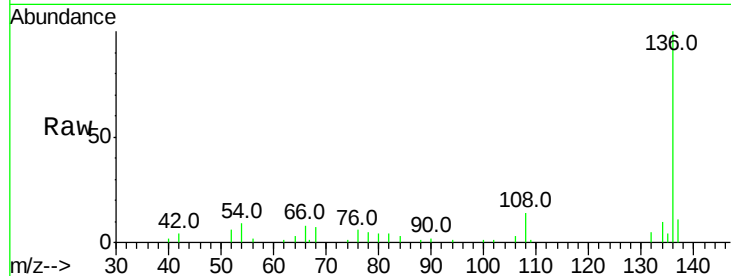
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

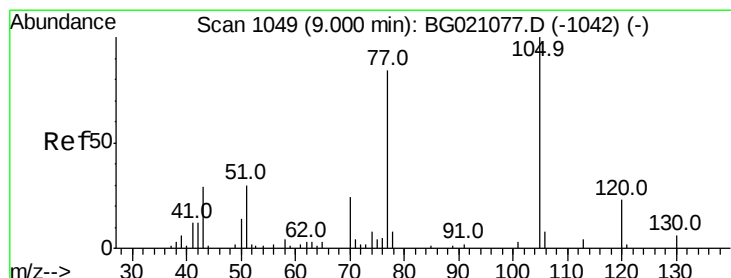
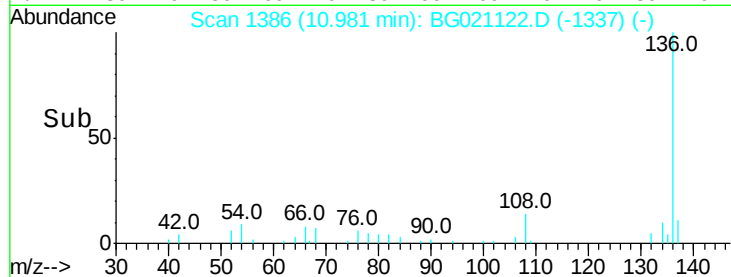
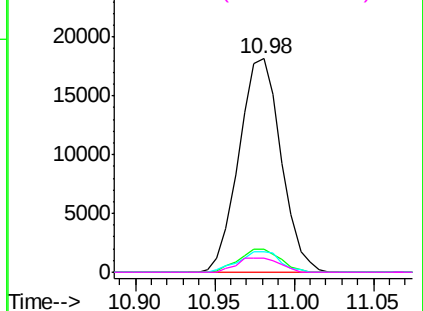
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.8	13.2	
54	9.5	6.9	10.3	
68	6.8	5.8	8.6	

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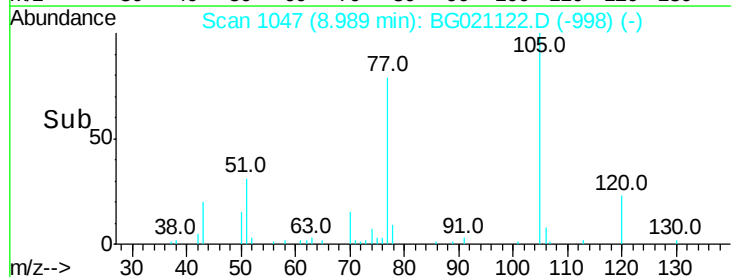
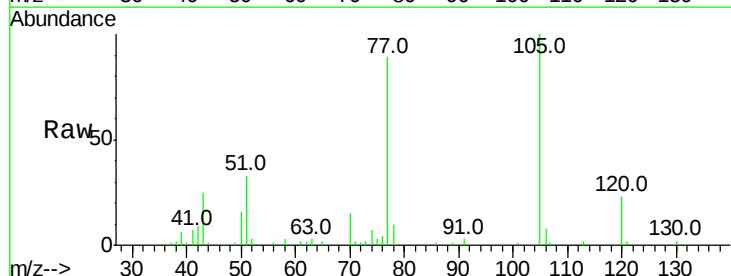
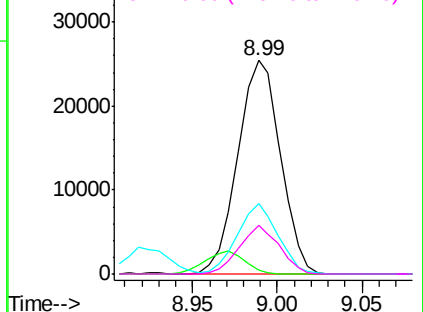
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

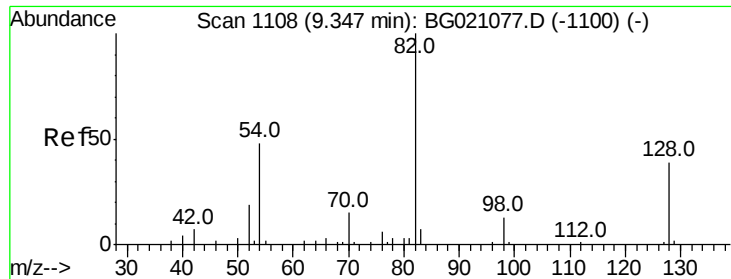


#22
Acetophenone
Concen: 48.27 ng
RT: 8.99 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.9	0.0	0.0#	
51	33.2	21.4	32.2#	
120	22.6	18.0	27.0	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





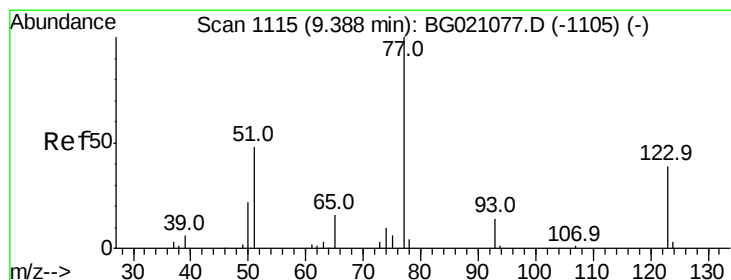
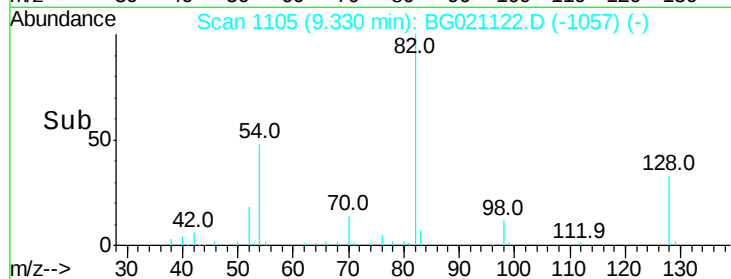
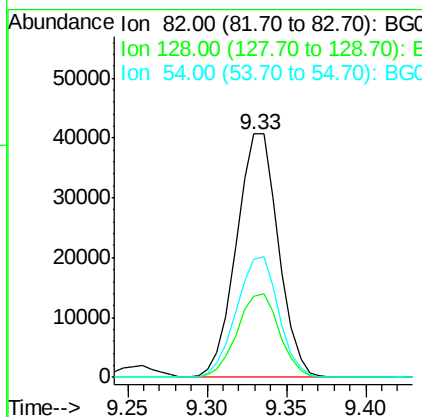
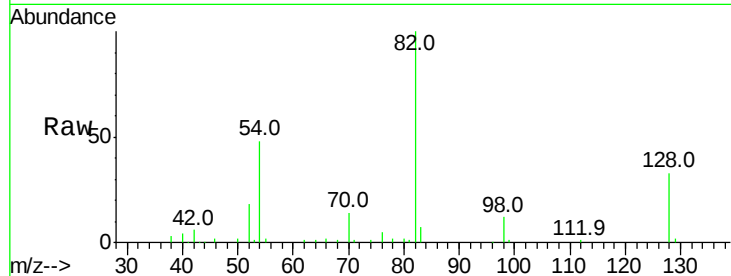
#23
 Nitrobenzene-d5
 Concen: 106.35 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.3	36.3	54.5#
54	48.4	37.6	56.4

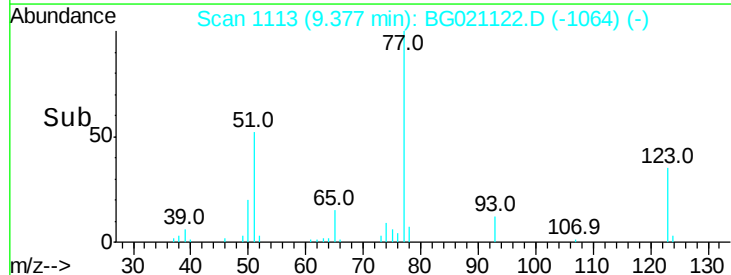
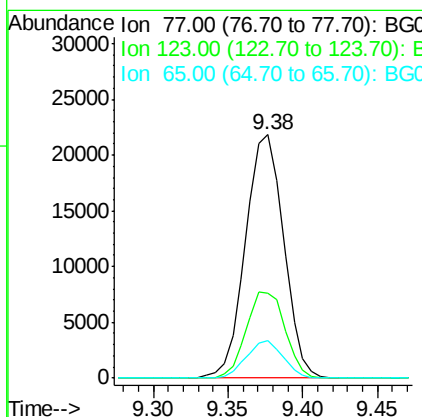
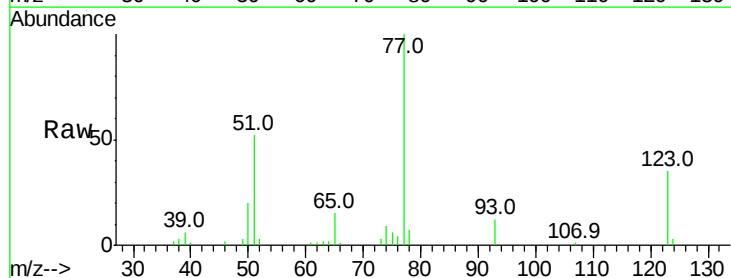
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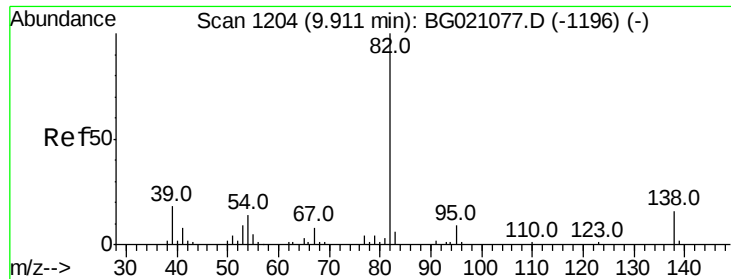
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#24
 Nitrobenzene
 Concen: 53.23 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.7	35.8	53.6#
65	15.2	10.6	16.0





#25

Isophorone

Concen: 56.24 ng

RT: 9.89 min Scan# 1201

Delta R.T. -0.02 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

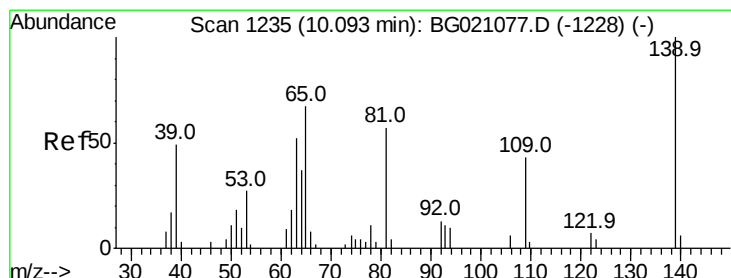
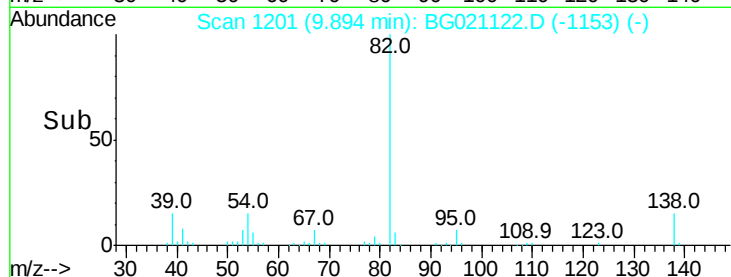
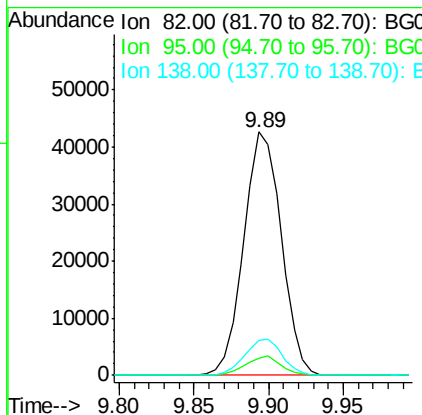
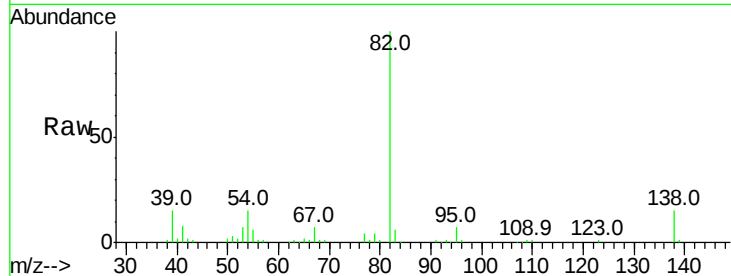
ClientSampleId :

CEB-2(12-14)20160223MSD

Tot Ion:	82	Resp:	74151
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.4	8.0
138	14.5	13.4	20.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.28 ng

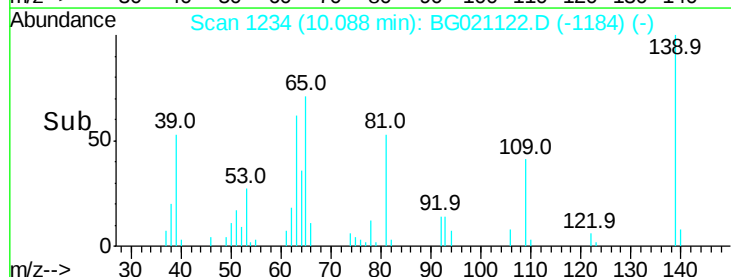
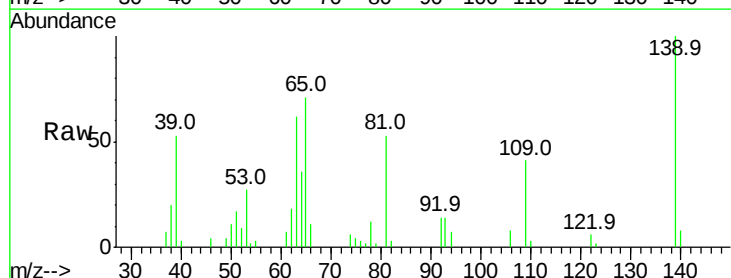
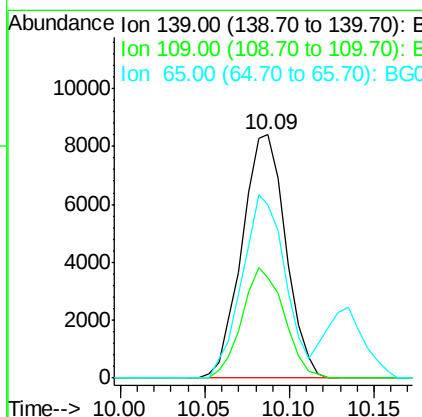
RT: 10.09 min Scan# 1234

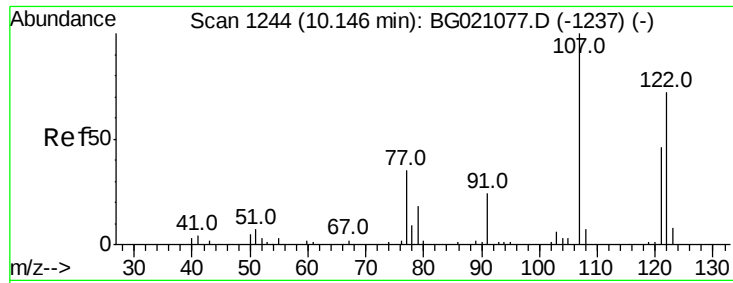
Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Tgt Ion:	139	Resp:	15142
Ion Ratio	Lower	Upper	
139	100		
109	41.0	21.4	32.0#
65	71.4	37.8	56.8#





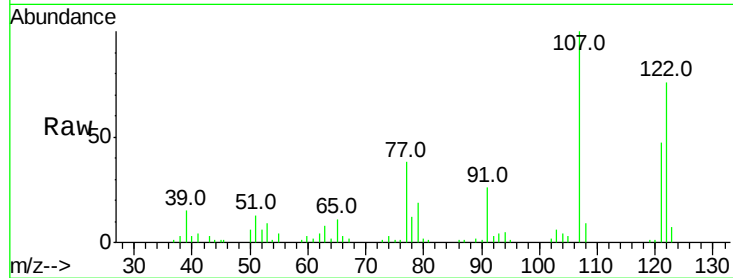
#27
 2,4-Dimethylphenol
 Concen: 52.91 ng
 RT: 10.13 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MSD

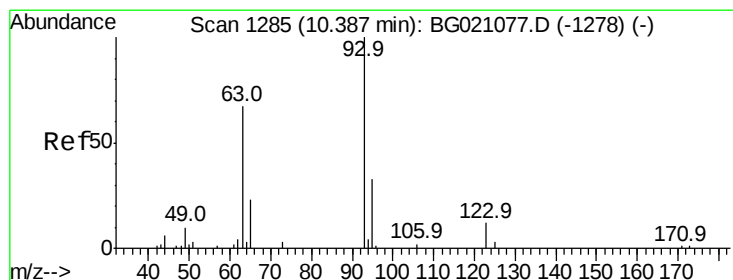
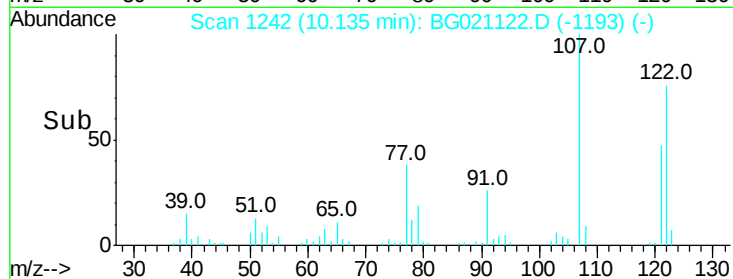
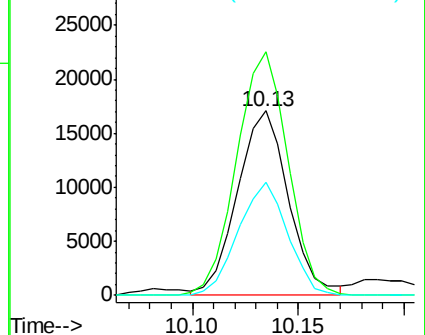
Tot Ion:	122	Resp:	28676
Ion	Ratio	Lower	Upper
122	100		
107	132.1	94.1	141.1
121	61.4	45.9	68.9

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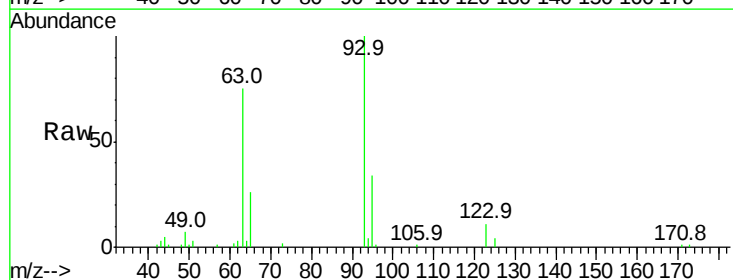


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

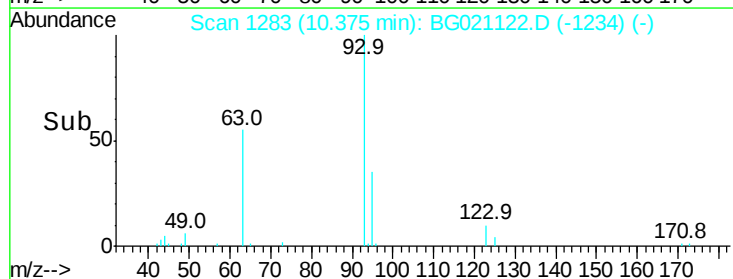
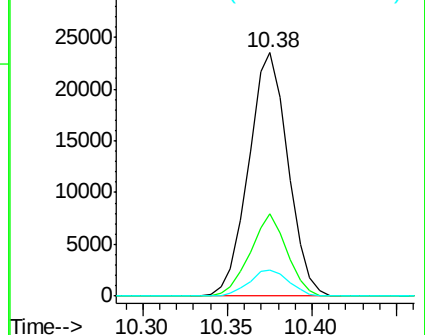


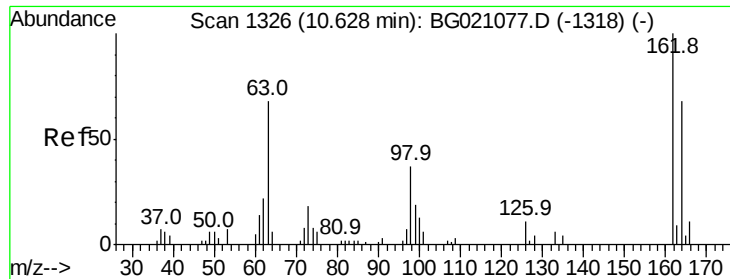
#28
 bis(2-Chloroethoxy)methane
 Concen: 59.23 ng
 RT: 10.38 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Tgt Ion:	93	Resp:	38061
Ion	Ratio	Lower	Upper
93	100		
95	33.7	24.2	36.2
123	10.6	9.0	13.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





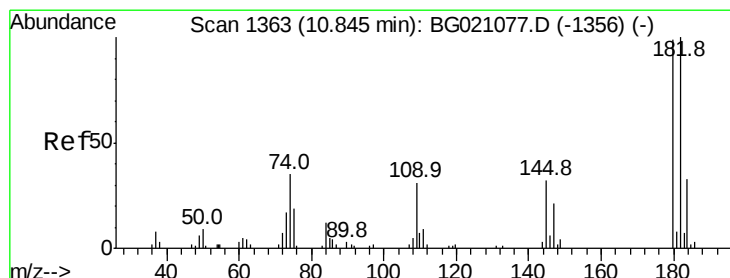
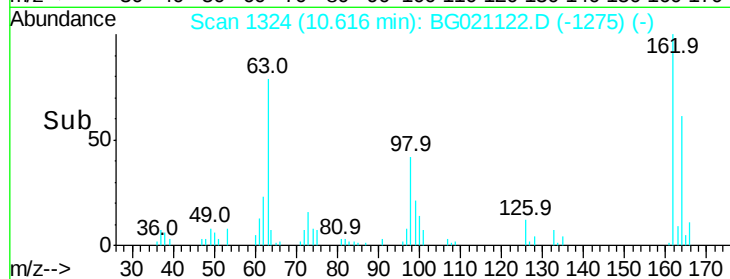
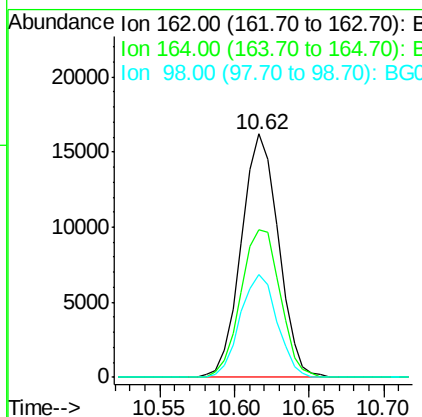
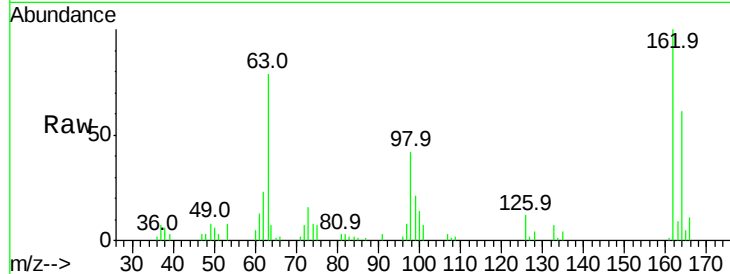
#29
 2,4-Dichlorophenol
 Concen: 52.64 ng
 RT: 10.62 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	27928		
164	60.7		43.7	83.7
98	42.0		18.3	58.3

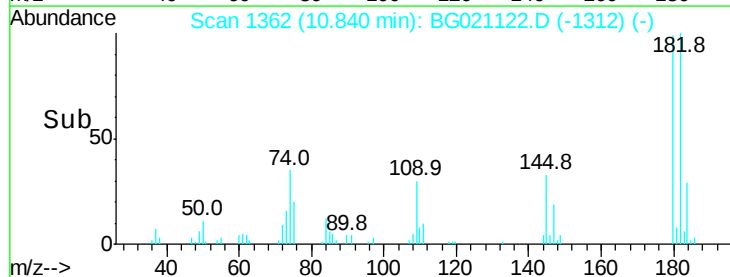
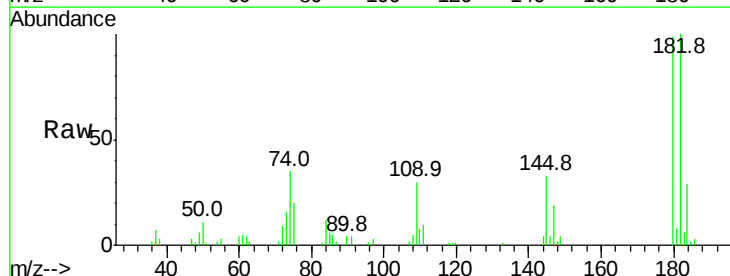
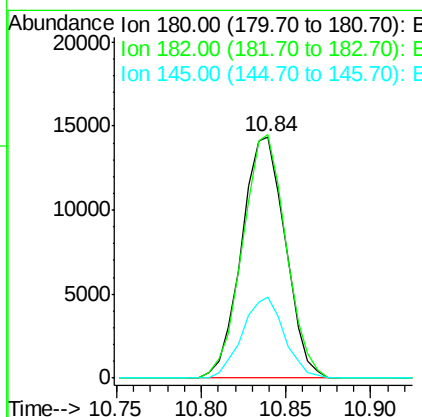
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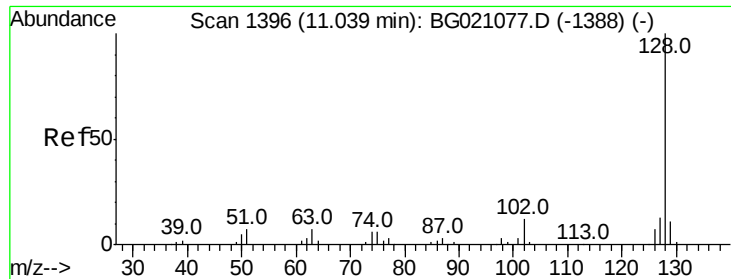
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.86 ng
 RT: 10.84 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	25772		
182	100.9		77.4	116.0
145	33.4		25.7	38.5





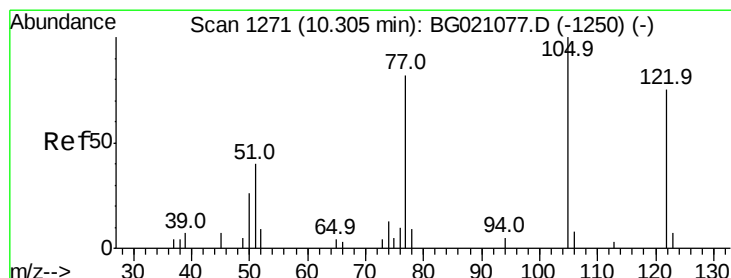
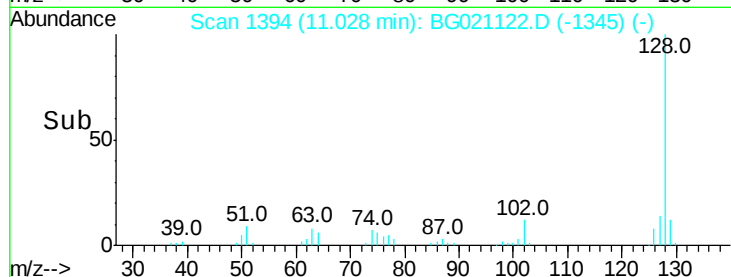
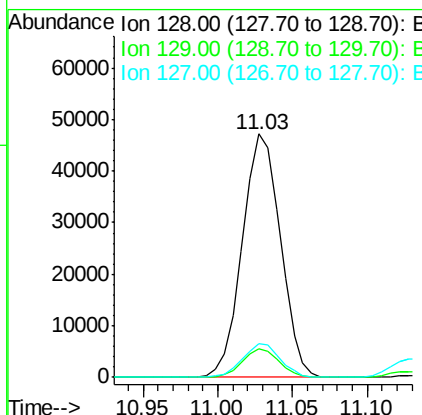
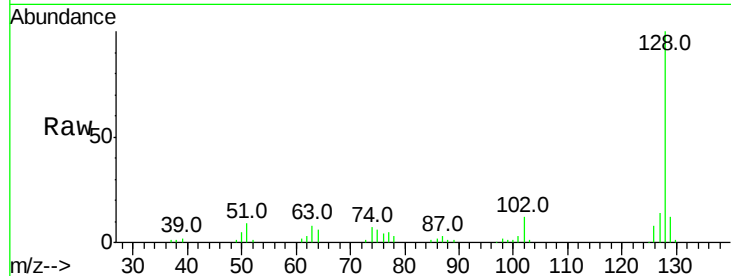
#31
Naphthalene
Concen: 48.47 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	13.9	10.8	16.2

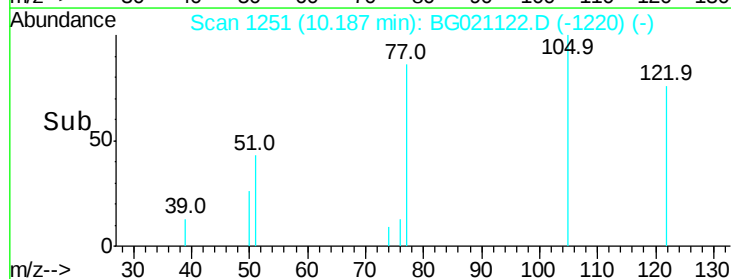
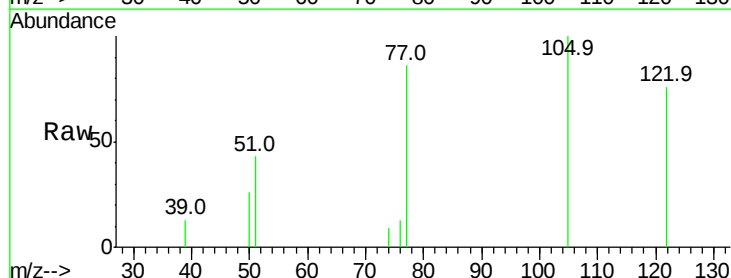
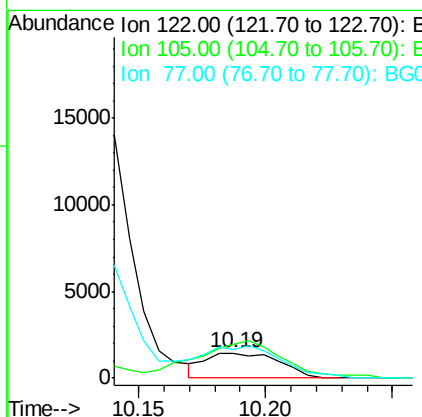
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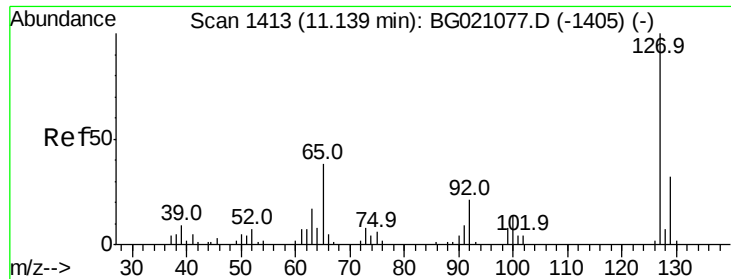
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#32
Benzoic acid
Concen: 5.90 ng
RT: 10.19 min Scan# 1251
Delta R.T. -0.12 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.9	98.7	138.7
77	113.1	84.5	124.5





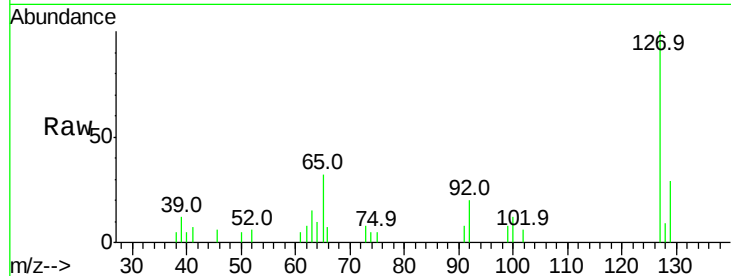
#33
4-Chloroaniline
Concen: 9.04 ng
RT: 11.13 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

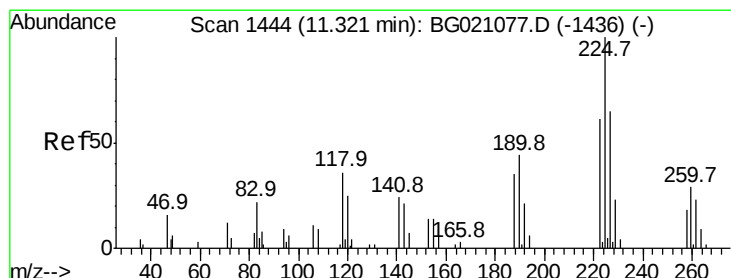
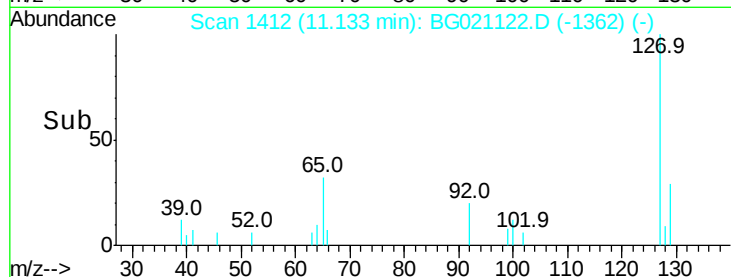
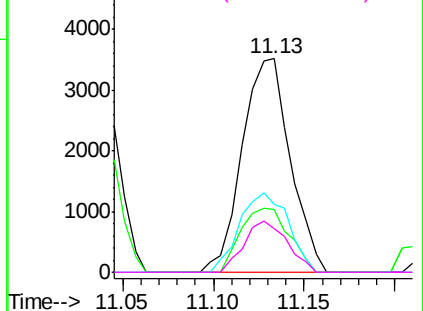
Tot Ion:	127	Resp:	6504
Ion	Ratio	Lower	Upper
127	100		
129	29.1	26.2	39.2
65	31.7	22.9	34.3
92	20.4	15.0	22.6

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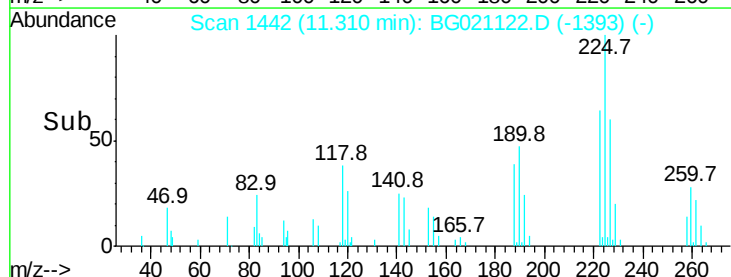
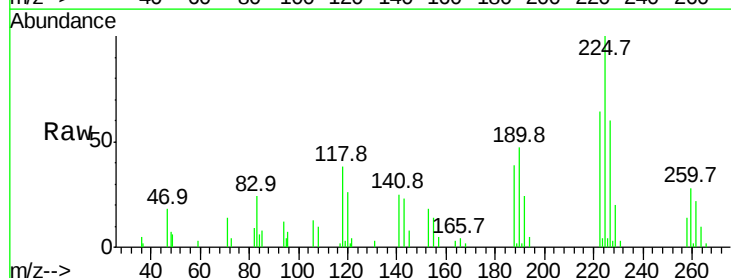
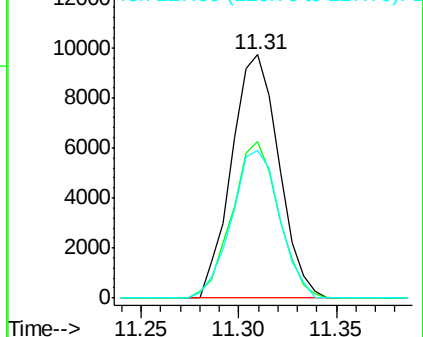
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

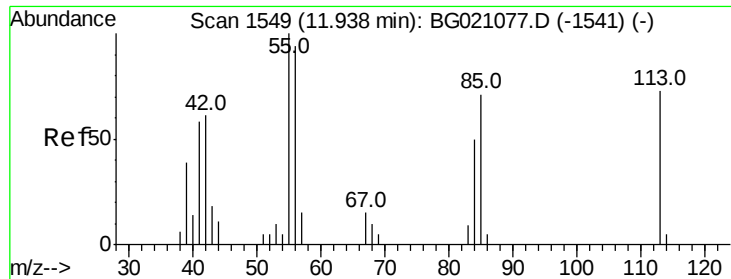


#34
Hexachlorobutadiene
Concen: 40.38 ng
RT: 11.31 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion:	225	Resp:	16248
Ion	Ratio	Lower	Upper
225	100		
223	64.9	54.6	82.0
227	60.7	54.6	81.8

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 66.01 ng/mL

RT: 11.90 min Scan# 1543

Delta R.T. -0.04 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

ClientSampleId :

CEB-2(12-14)20160223MSD

Tot Ion:113 Resp: 11833

Ion Ratio Lower Upper

113 100

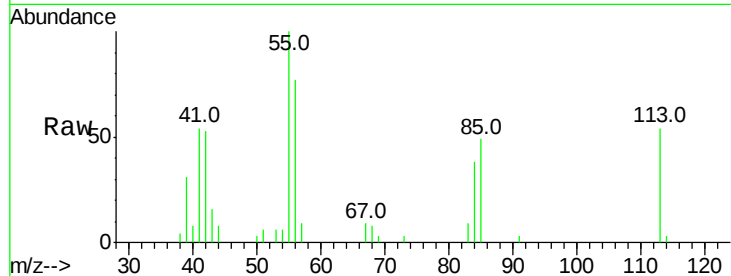
55 185.4 155.2 195.2

56 142.1 94.0 134.0#

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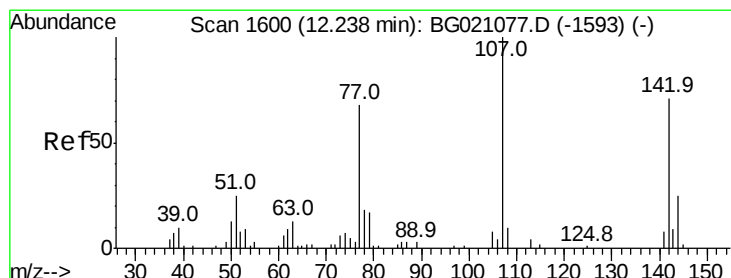
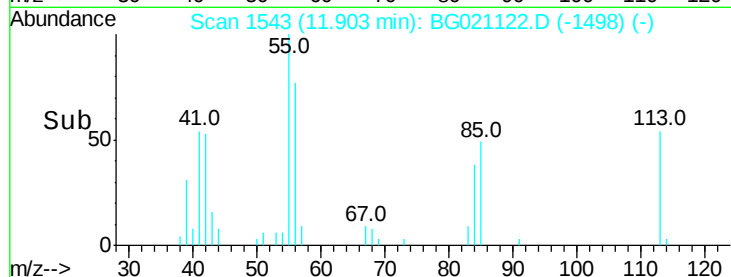
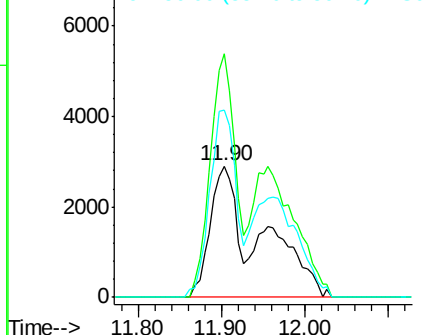
2/29/2016 12:39:03 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 58.33 ng/mL

RT: 12.23 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

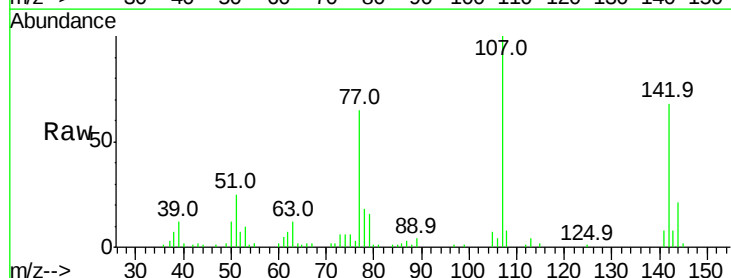
Tgt Ion:107 Resp: 37938

Ion Ratio Lower Upper

107 100

144 21.4 21.8 32.8#

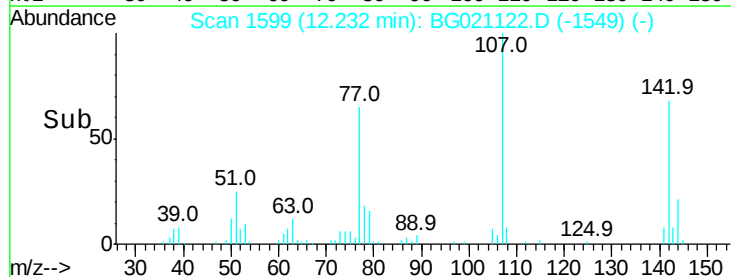
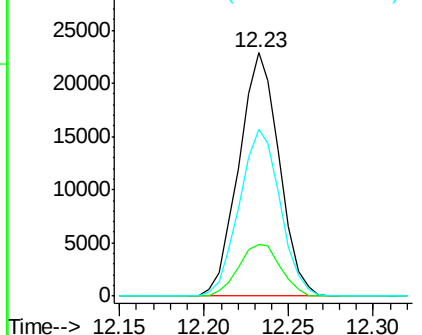
142 68.5 65.6 98.4

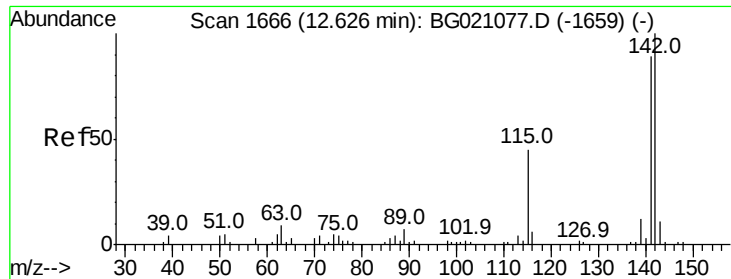


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





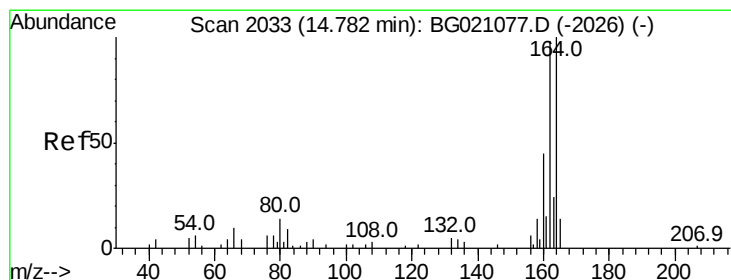
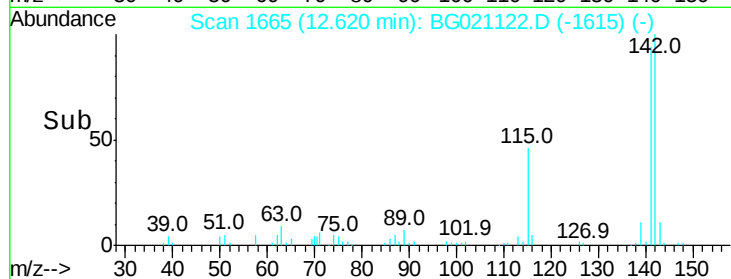
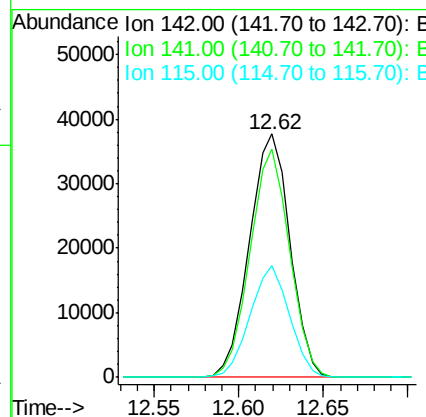
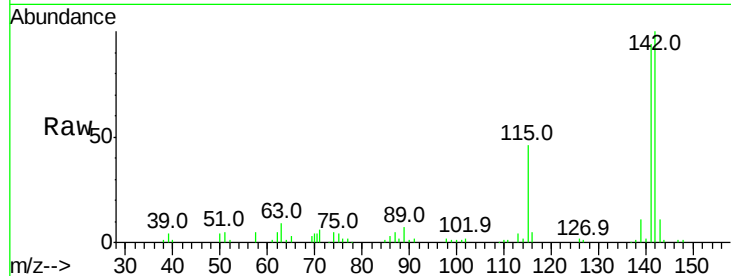
#37
 2-Methylnaphthalene
 Concen: 51.90 ng
 RT: 12.62 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.8	71.7	107.5
115	45.8	26.2	39.4

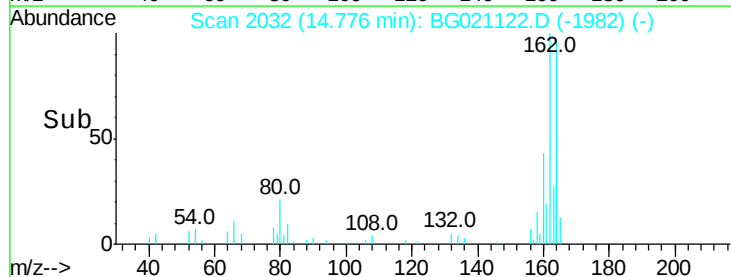
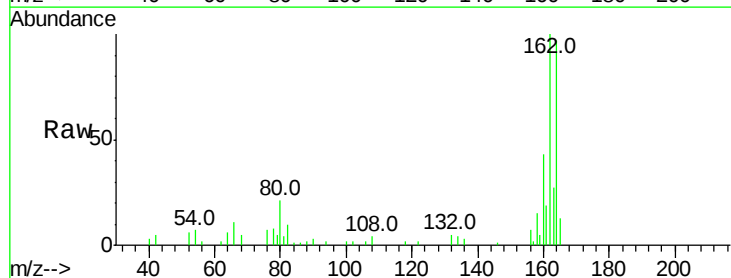
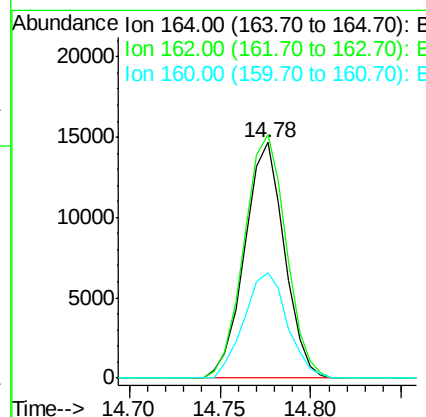
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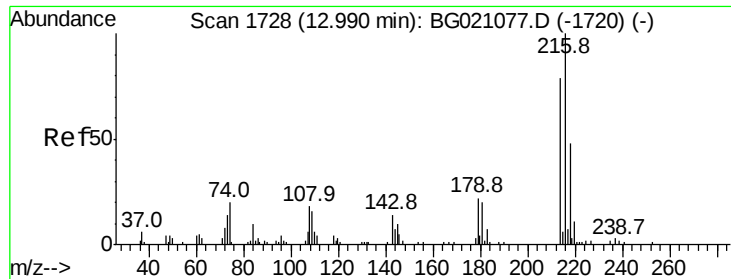
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.6	120.8
160	44.9	36.5	54.7





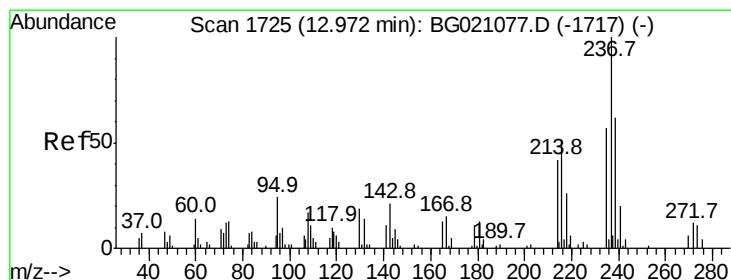
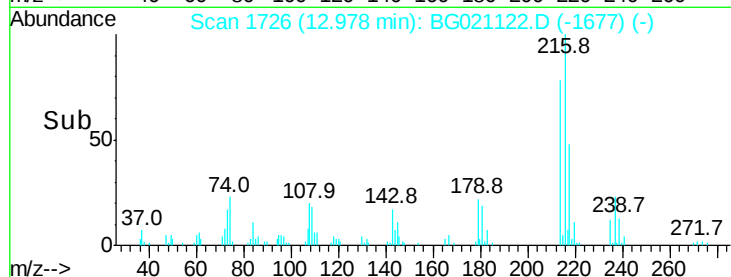
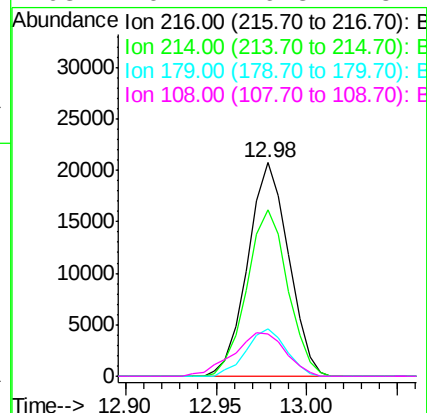
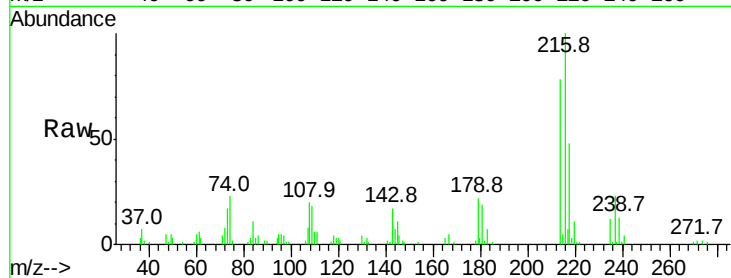
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.26 ng
 RT: 12.98 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	32385		
214	78.2	63.5	95.3	
179	21.8	17.4	26.0	
108	26.1	16.8	25.2	

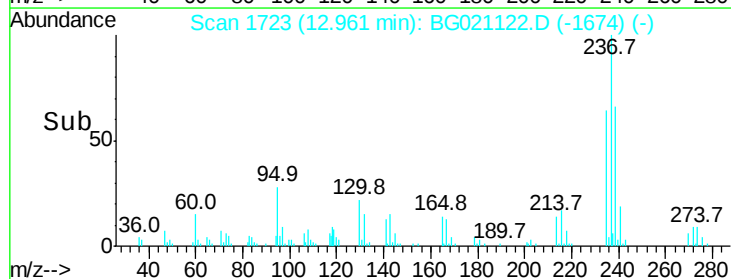
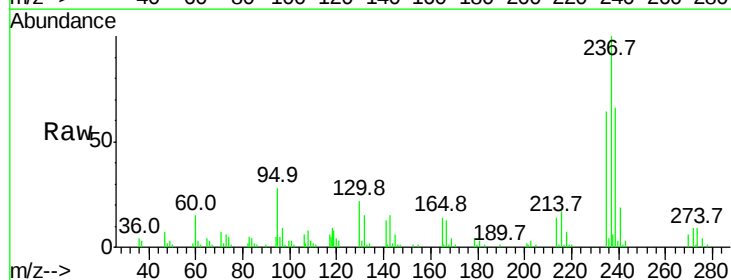
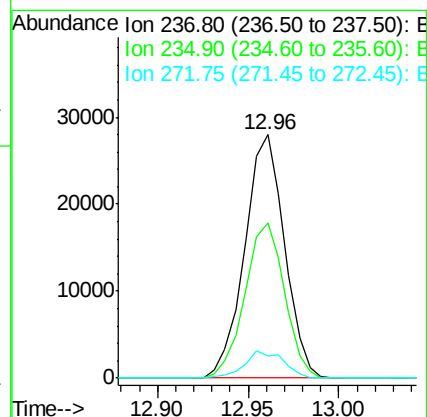
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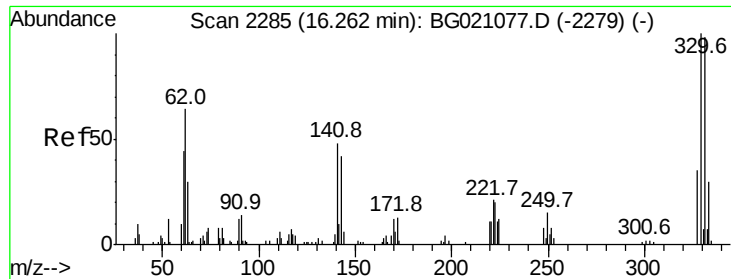
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#40
 Hexachlorocyclopentadiene
 Concen: 78.60 ng
 RT: 12.96 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	42631		
235	63.9	42.9	82.9	
272	9.3	0.0	32.3	





#41

2,4,6-Tribromophenol

Concen: 134.92 ng

RT: 16.26 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

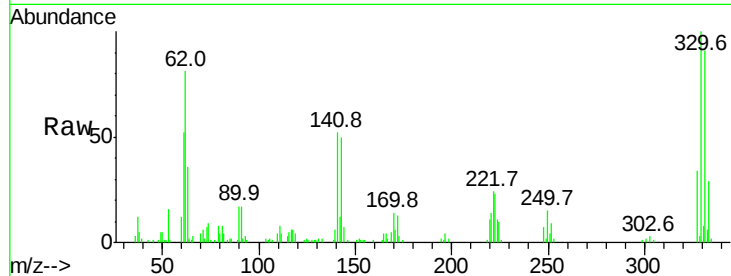
ClientSampleId :

CEB-2(12-14)20160223MSD

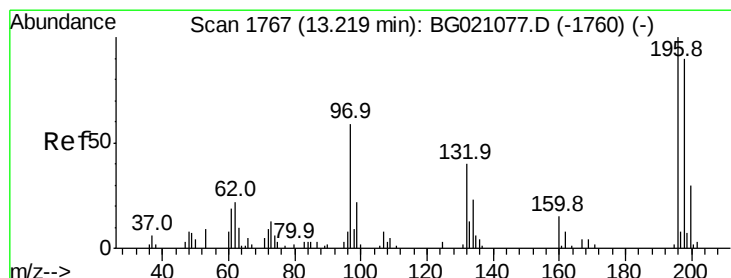
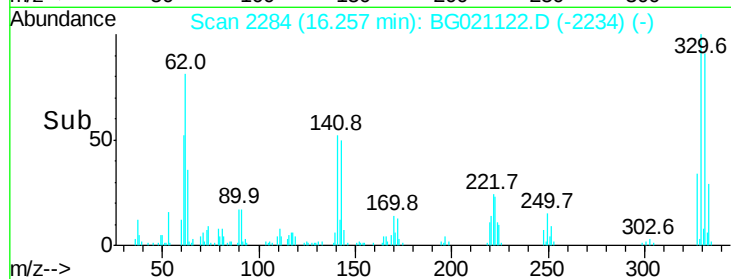
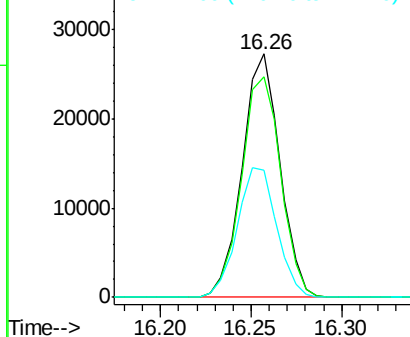
Tot Ion:	330	Resp:	39482
Ion Ratio	Lower	Upper	
330	100		
332	94.2	77.4	116.0
141	55.6	35.3	52.9#

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2/29/2016 12:39:03 PM



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



#42

2,4,6-Trichlorophenol

Concen: 49.63 ng

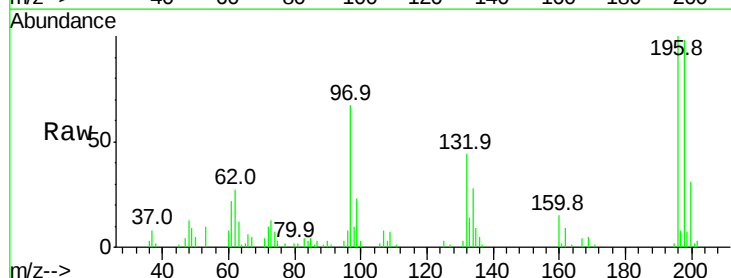
RT: 13.21 min Scan# 1766

Delta R.T. -0.01 min

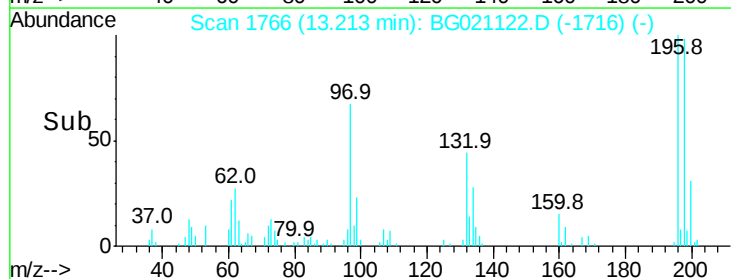
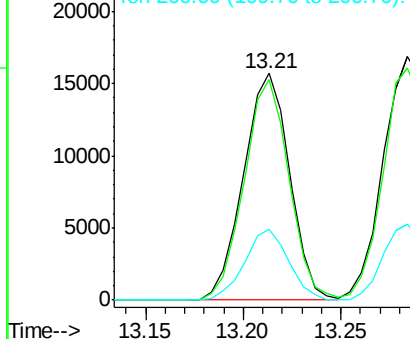
Lab File: BG021122.D

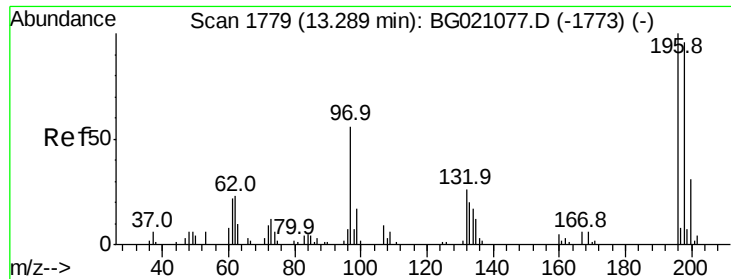
Acq: 27 Feb 2016 19:42

Tgt Ion:	196	Resp:	25670
Ion Ratio	Lower	Upper	
196	100		
198	97.7	75.8	113.8
200	31.3	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





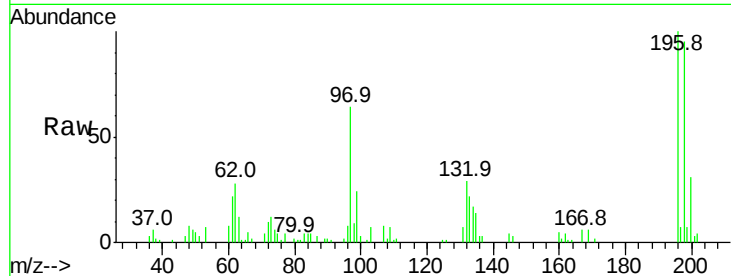
#43
 2,4,5-Trichlorophenol
 Concen: 53.93 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MSD

Tot Ion	196	Resp	28659
Ion Ratio	Lower	Upper	
196	100		
198	89.4	80.2	120.4
97	59.6	42.9	64.3
132	27.2	25.5	38.3

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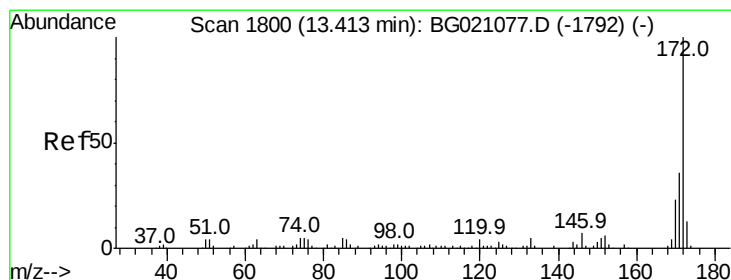
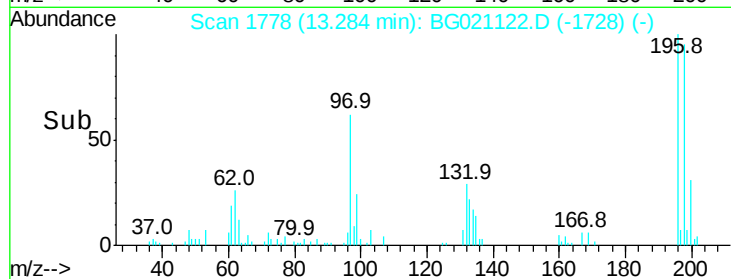
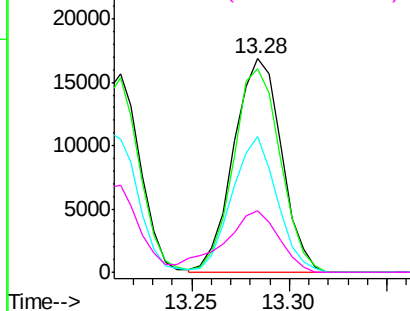
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.04 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

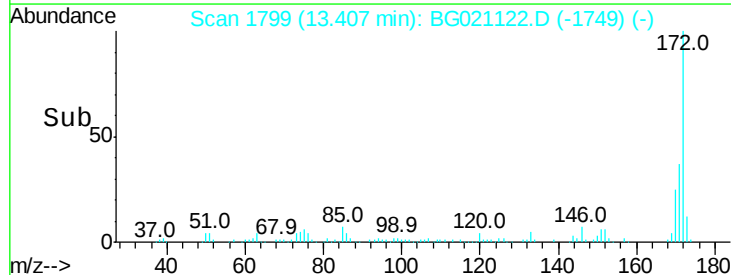
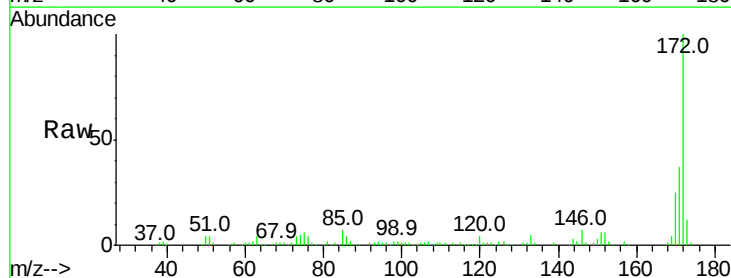
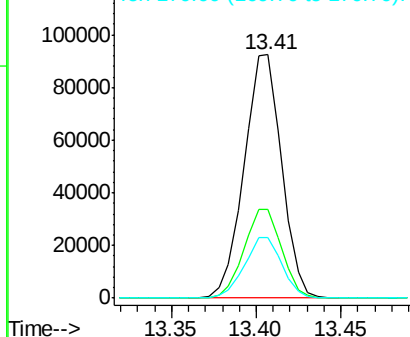
Tgt Ion	172	Resp	143098
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.4	44.0
170	24.6	19.8	29.8

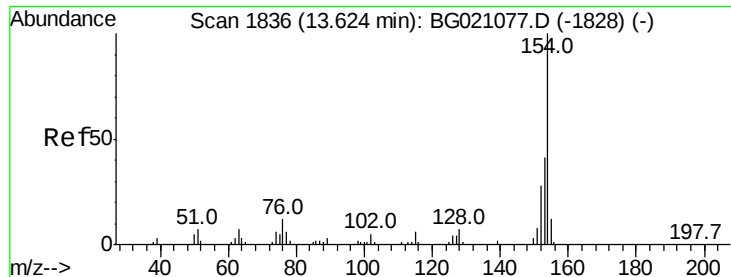
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





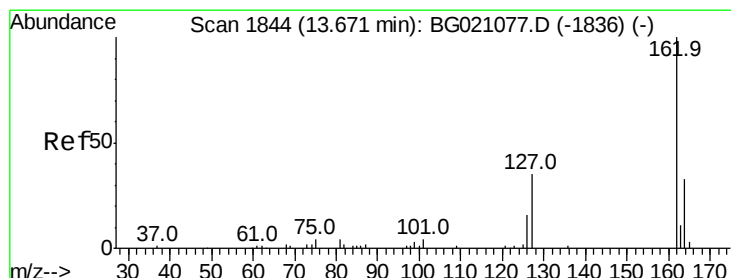
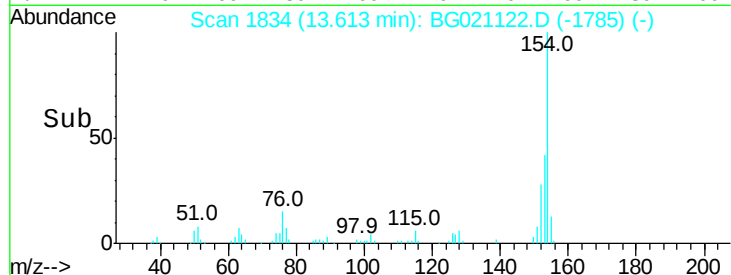
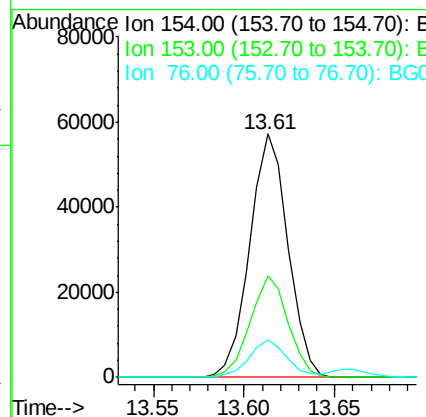
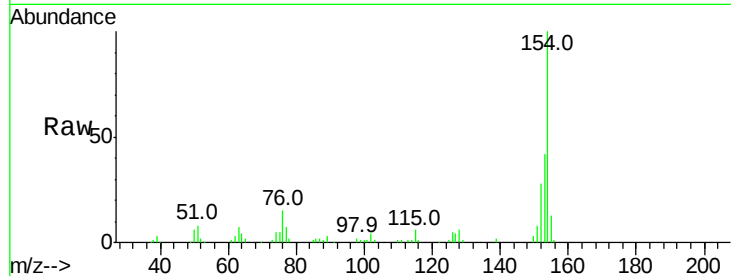
#45
 1,1'-Biphenyl
 Concen: 44.50 ng
 RT: 13.61 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MSD

Tot Ion	154	Resp	83632
Ion Ratio	Lower	Upper	
154	100		
153	42.0	19.8	59.8
76	15.2	0.0	33.6

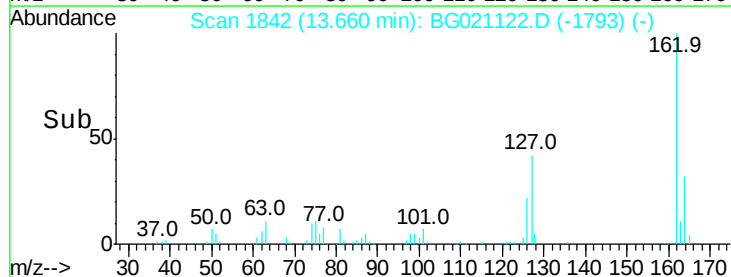
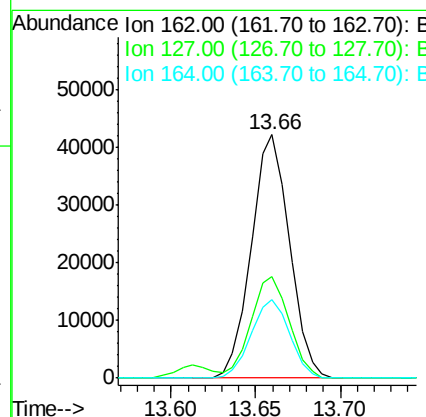
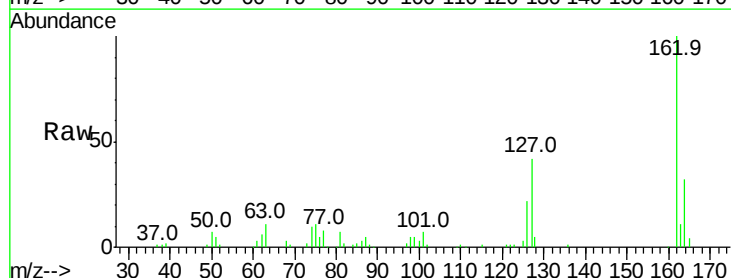
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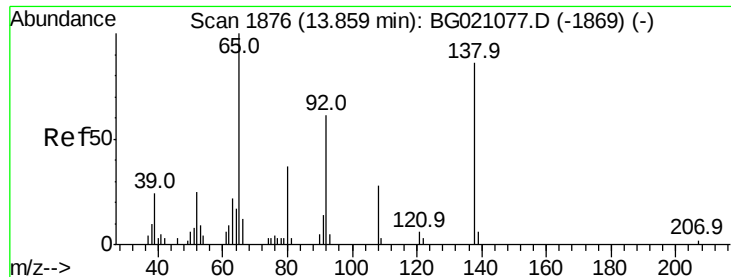
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#46
 2-Chloronaphthalene
 Concen: 46.37 ng
 RT: 13.66 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Tgt Ion	162	Resp	66124
Ion Ratio	Lower	Upper	
162	100		
127	41.6	31.8	47.8
164	32.2	26.3	39.5





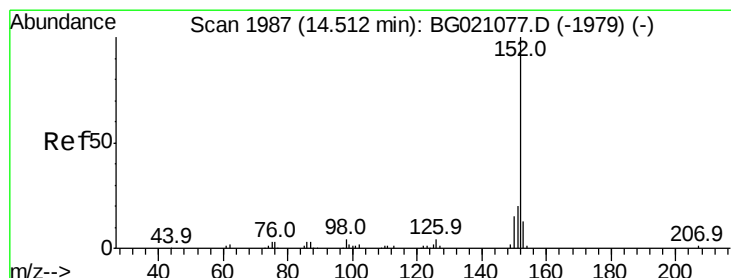
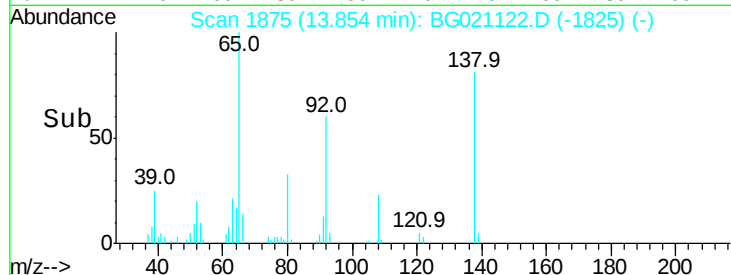
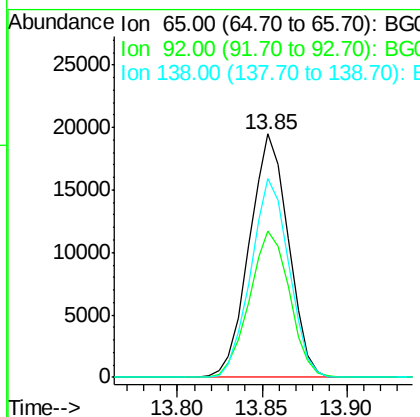
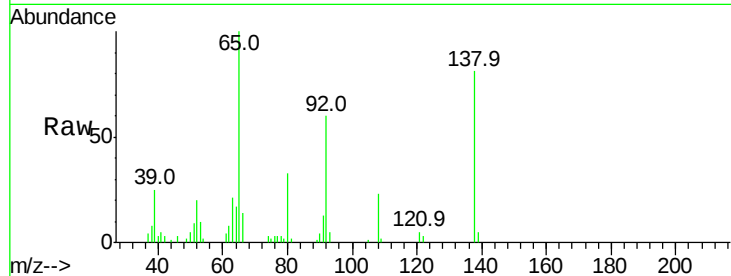
#47
2-Nitroaniline
Concen: 67.78 ng
RT: 13.85 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.1	54.6	82.0
138	81.4	94.9	142.3

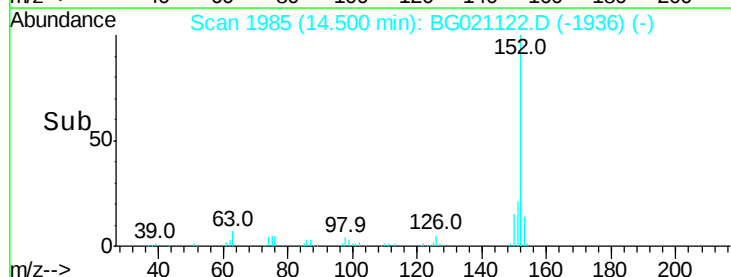
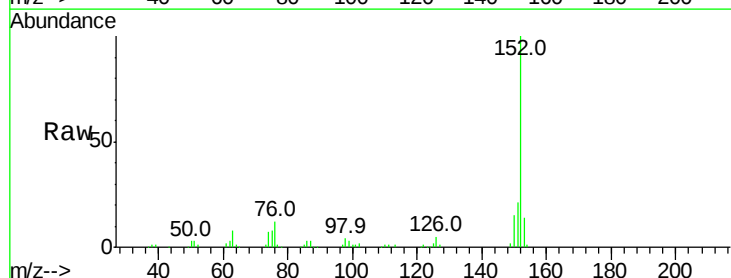
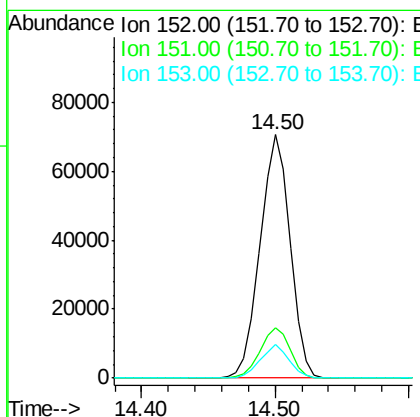
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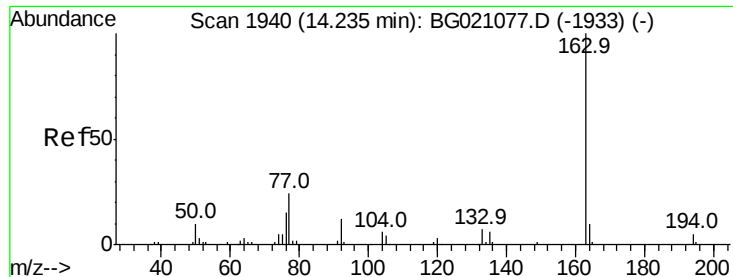
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#48
Acenaphthylene
Concen: 48.67 ng
RT: 14.50 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.9	23.9
153	13.7	10.2	15.2





#49

Dimethylphthalate

Concen: 64.18 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

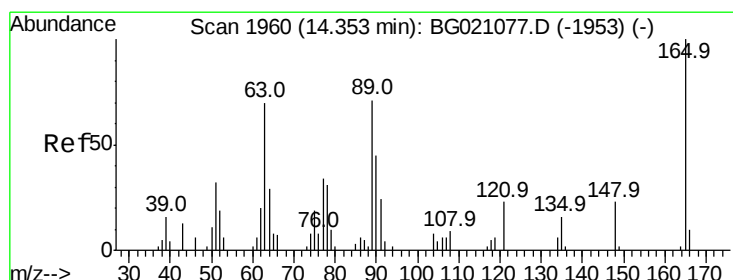
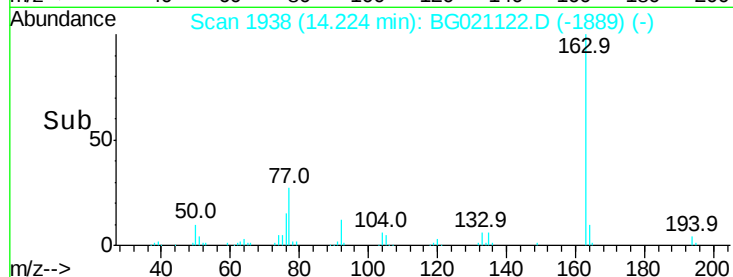
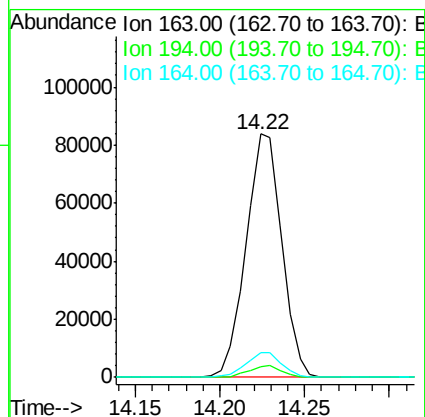
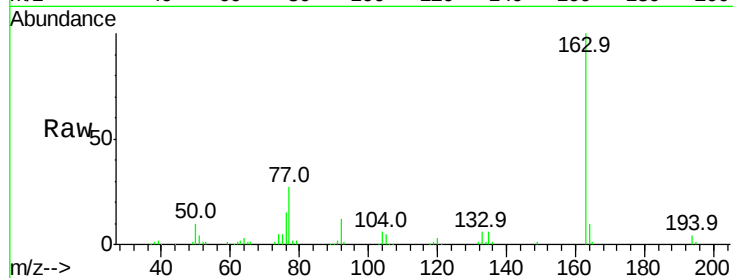
ClientSampleId :

CEB-2(12-14)20160223MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.4	2.8	4.2#
164	10.4	7.9	11.9

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#50

2,6-Dinitrotoluene

Concen: 52.25 ng

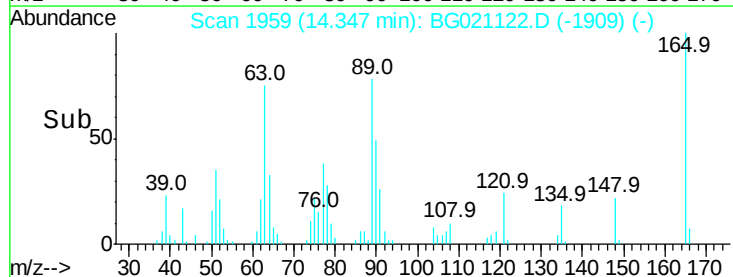
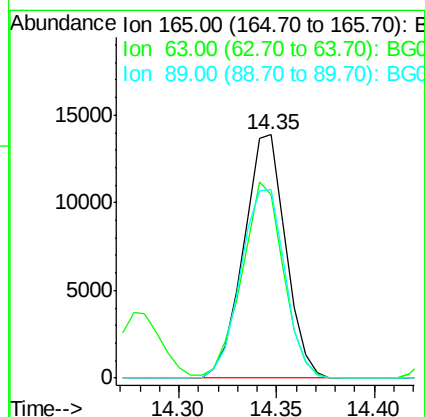
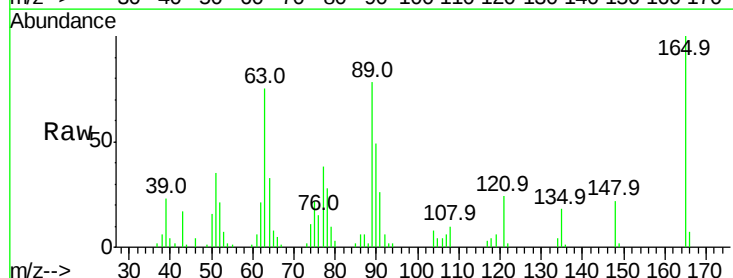
RT: 14.35 min Scan# 1959

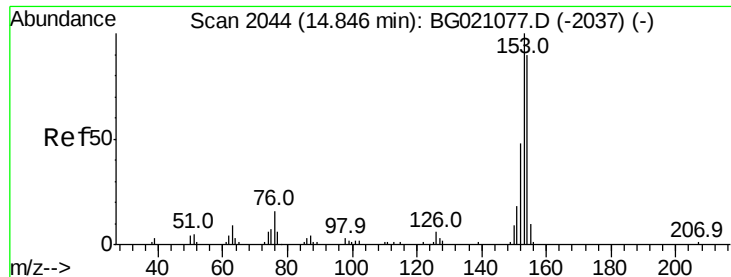
Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	75.1	42.1	63.1#
89	77.7	46.1	69.1#





#51

Acenaphthene

Concen: 50.20 ng

RT: 14.84 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

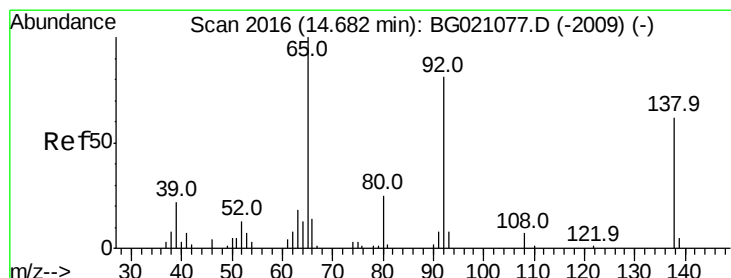
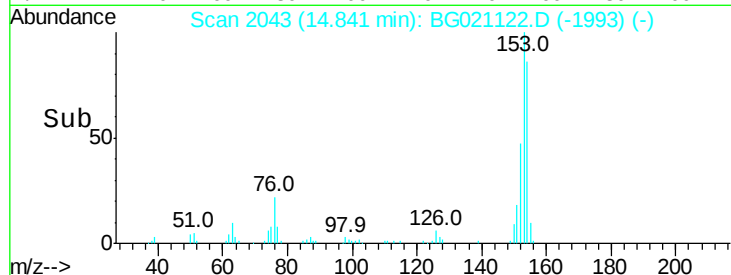
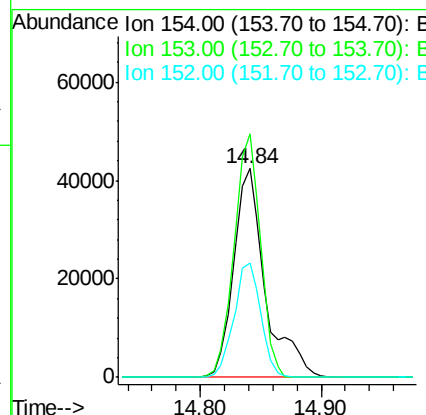
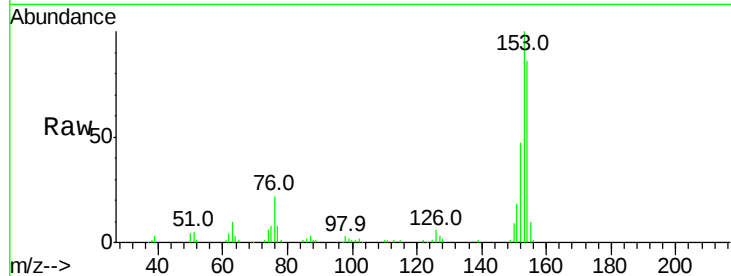
ClientSampleId :

CEB-2(12-14)20160223MSD

Tot Ion:	154	Resp:	77261
Ion Ratio	Lower	Upper	
154	100		
153	116.7	94.2	141.2
152	54.5	42.9	64.3

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#52

3-Nitroaniline

Concen: 19.94 ng

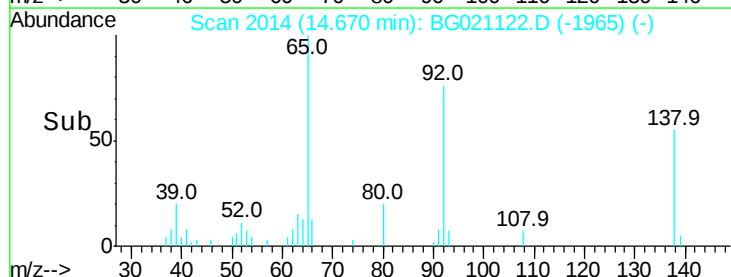
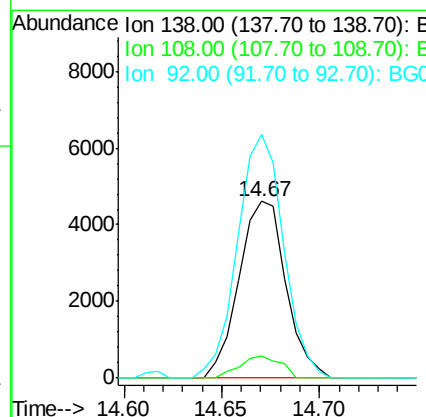
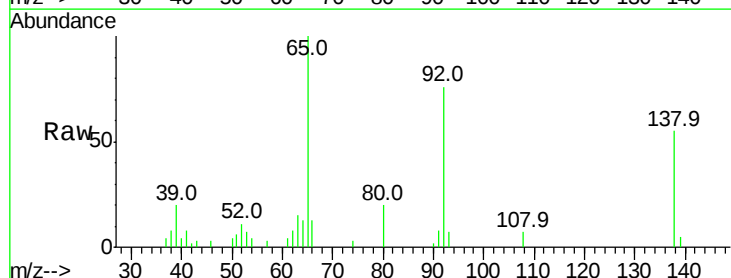
RT: 14.67 min Scan# 2014

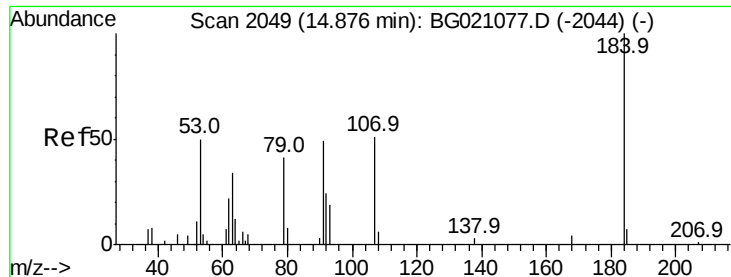
Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Tgt Ion:	138	Resp:	7678
Ion Ratio	Lower	Upper	
138	100		
108	12.5	5.8	8.6#
92	137.9	83.6	125.4#





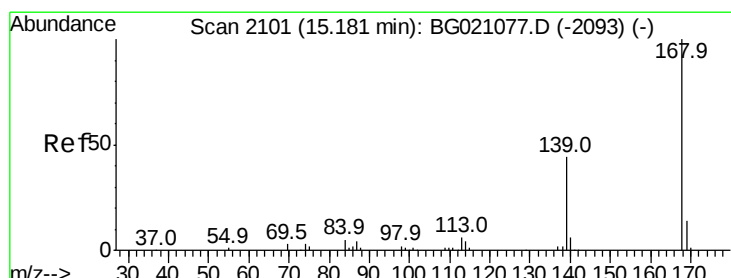
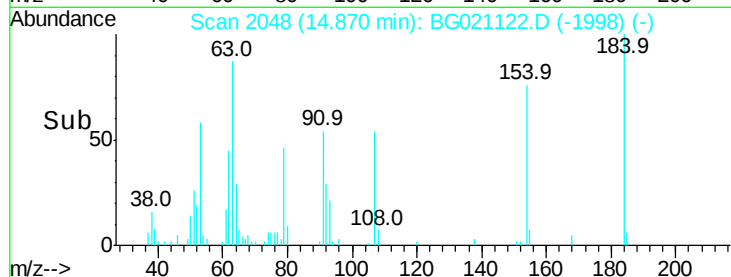
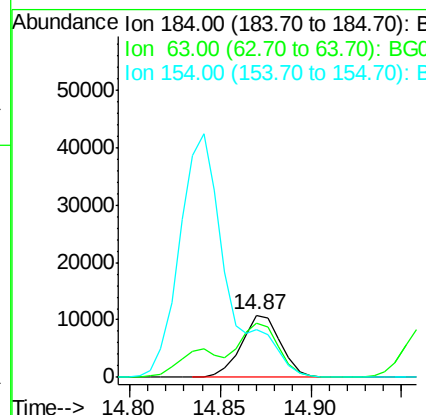
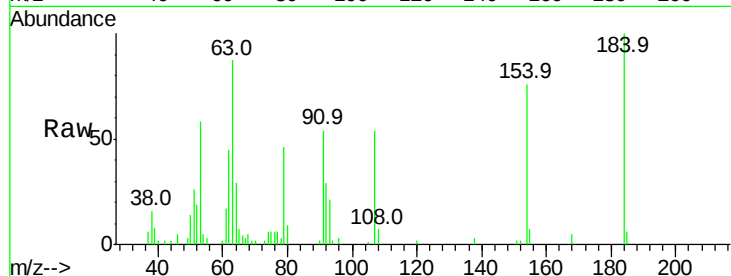
#53
2,4-Dinitrophenol
Concen: 59.13 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	87.0	57.0	85.6#
154	76.1	51.3	76.9

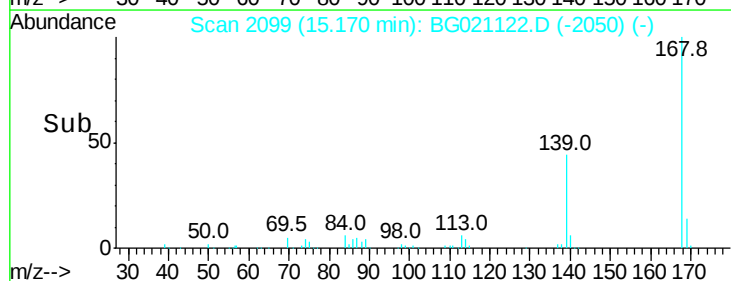
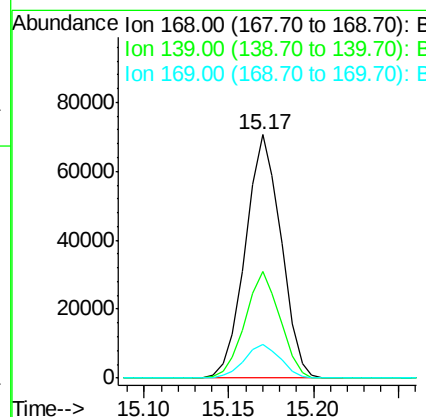
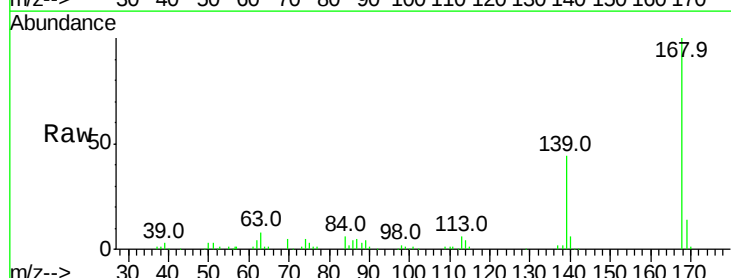
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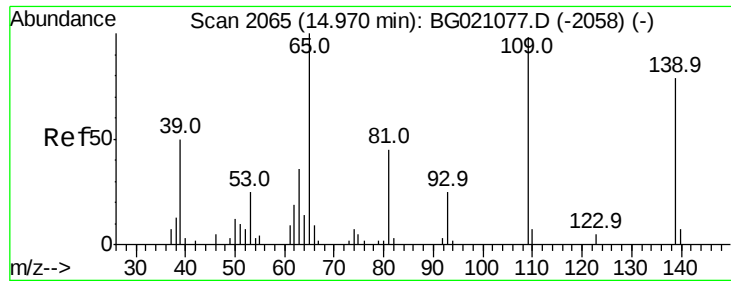
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#54
Dibenzofuran
Concen: 53.37 ng
RT: 15.17 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.0	29.8	44.8
169	13.6	11.4	17.2





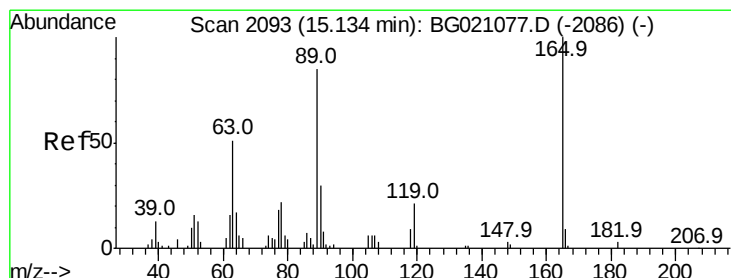
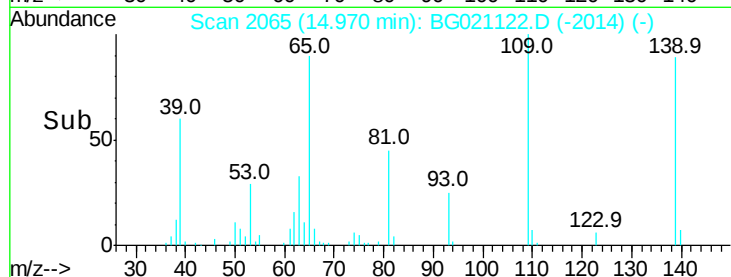
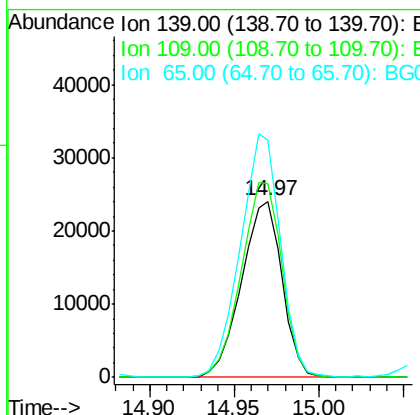
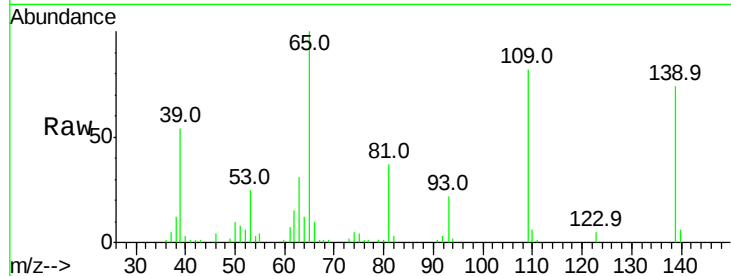
#55
4-Nitrophenol
Concen: 117.12 ng
RT: 14.97 min Scan# 2065
Delta R.T. 0.00 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	110.2	54.1	94.1#	
65	134.3	73.4	113.4#	

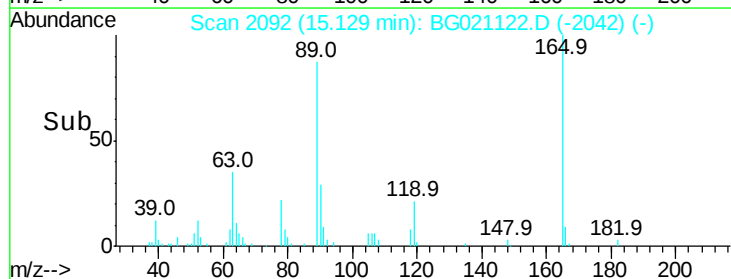
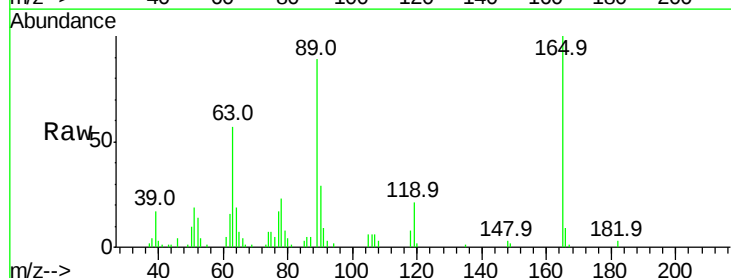
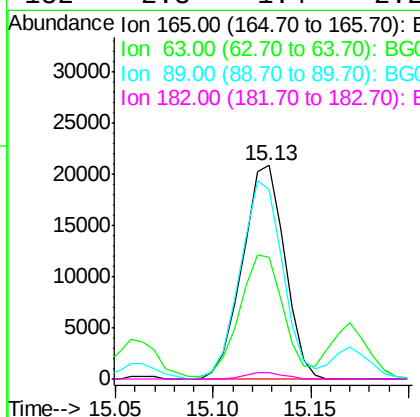
Manual Integrations
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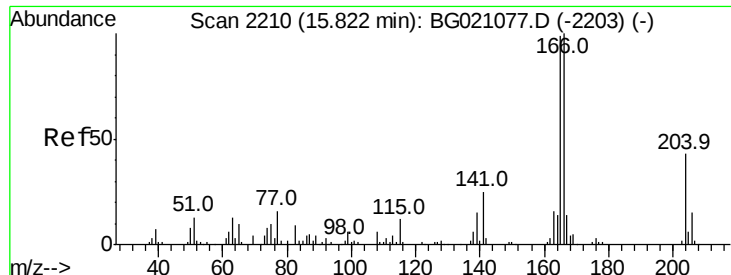
Sohil
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#56
2,4-Dinitrotoluene
Concen: 55.18 ng
RT: 15.13 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.0	34.1	51.1#	
89	88.5	63.0	94.4	
182	2.8	1.4	2.2#	





#57

Fluorene

Concen: 48.39 ng

RT: 15.82 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

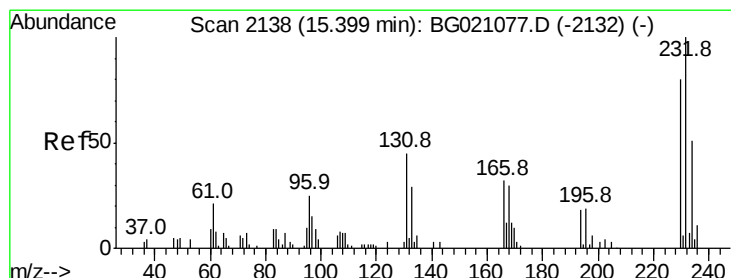
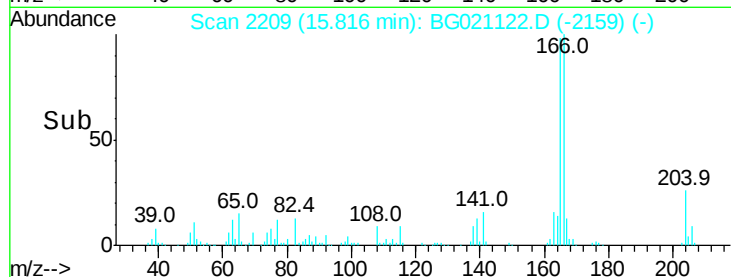
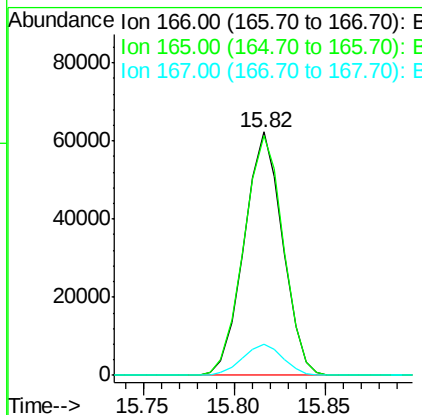
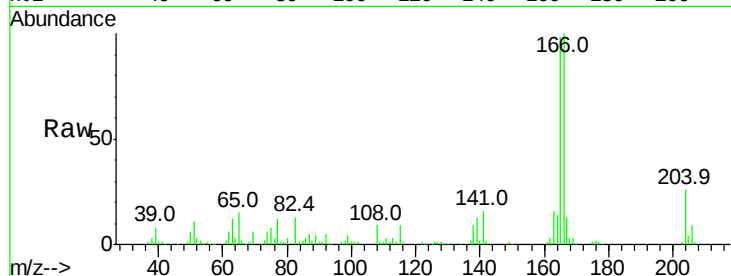
ClientSampleId :

CEB-2(12-14)20160223MSD

Tot Ion:	166	Resp:	91774
Ion Ratio	Lower	Upper	
166	100		
165	98.5	81.3	121.9
167	12.7	10.6	16.0

Manual Integrations
APPROVED

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2/29/2016 12:39:03 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.46 ng

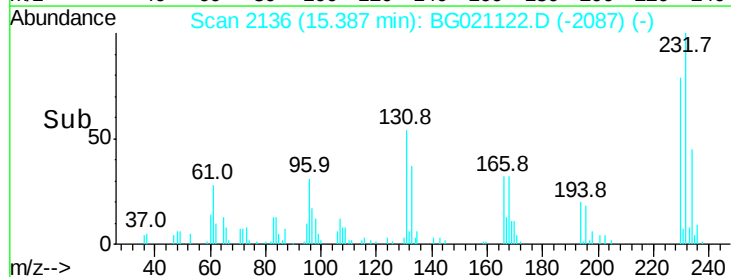
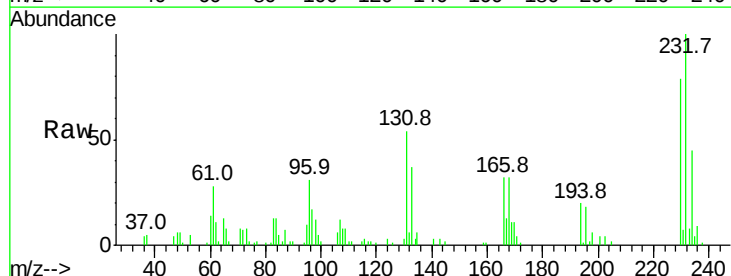
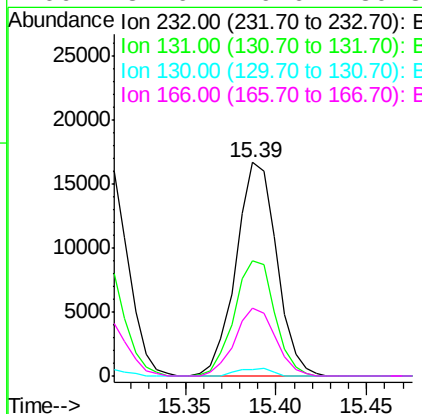
RT: 15.39 min Scan# 2136

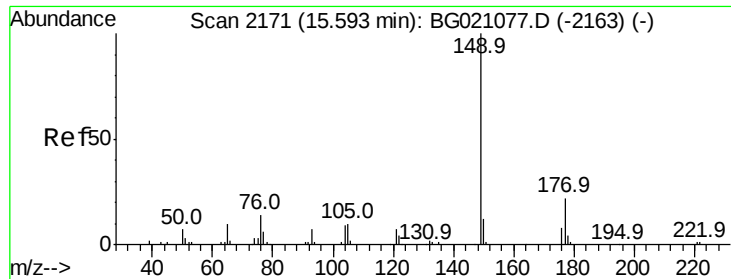
Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Tgt Ion:	232	Resp:	26078
Ion Ratio	Lower	Upper	
232	100		
131	53.8	41.4	62.2
130	3.1	1.8	2.8#
166	31.6	26.6	39.8





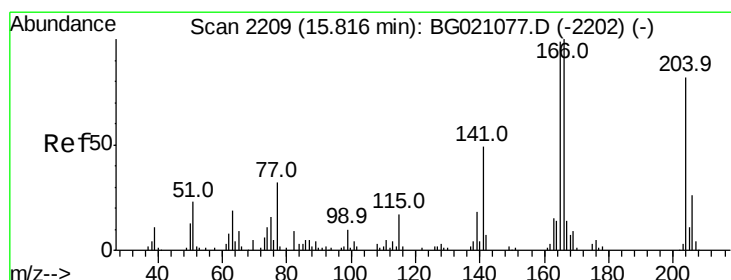
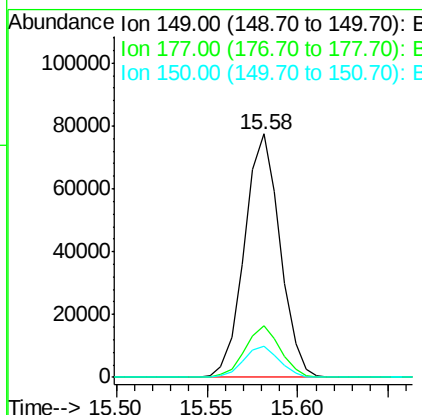
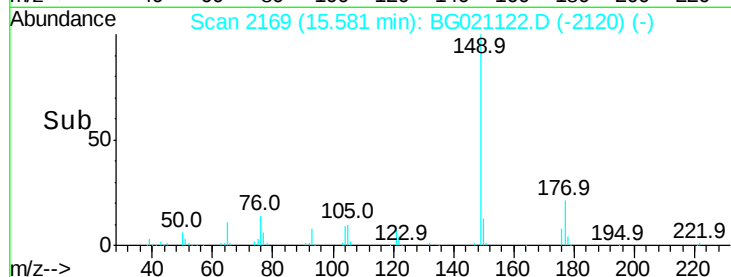
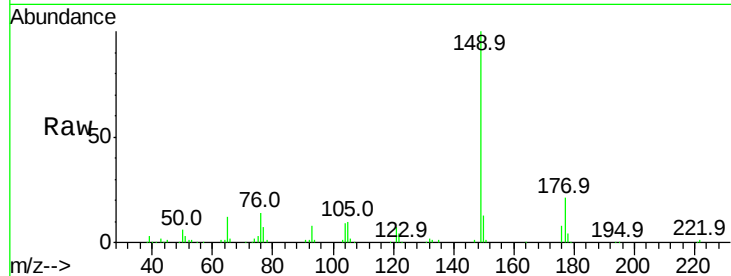
#59
Diethylphthalate
Concen: 51.98 ng
RT: 15.58 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	21.0	15.8	23.8
150	12.5	10.1	15.1

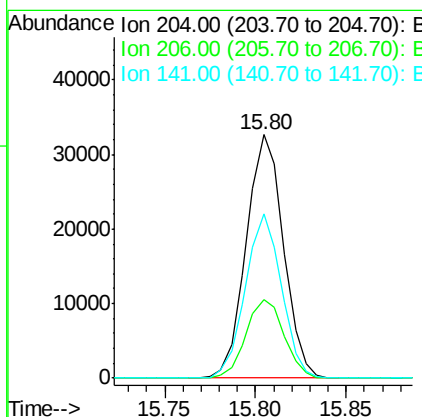
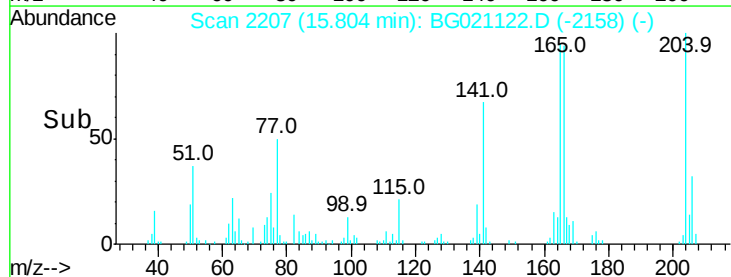
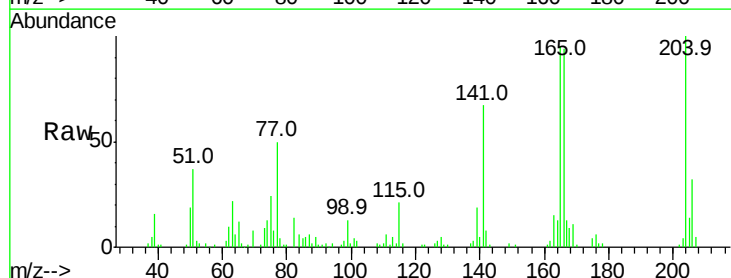
Manual Integrations
APPROVED

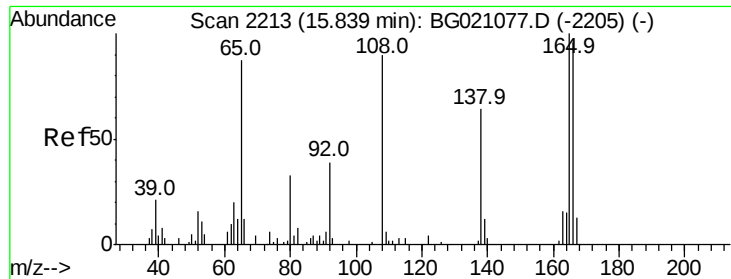
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#60
4-Chlorophenyl-phenylether
Concen: 44.58 ng
RT: 15.80 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	32.4	26.9	40.3
141	67.5	50.8	76.2





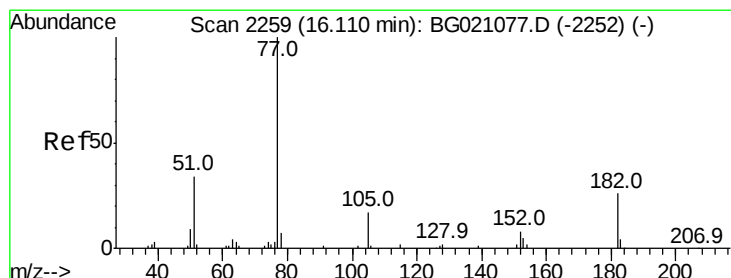
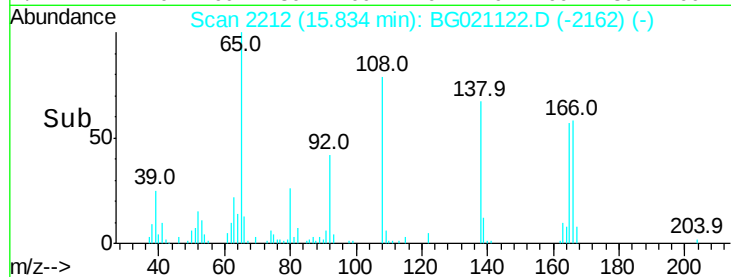
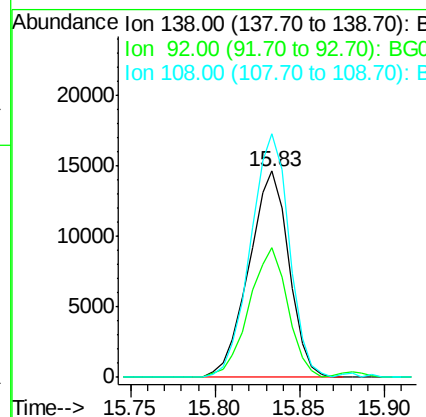
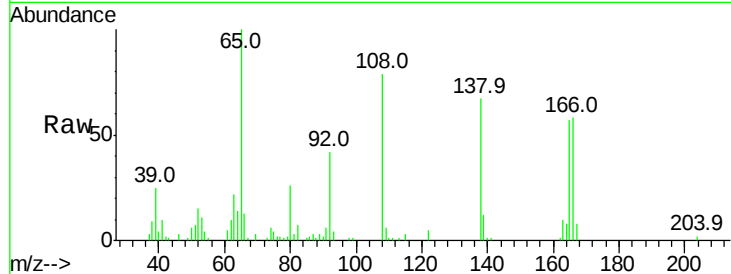
#61
4-Nitroaniline
Concen: 54.93 ng
RT: 15.83 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	63.1	28.0	68.0
108	118.2	52.6	92.6

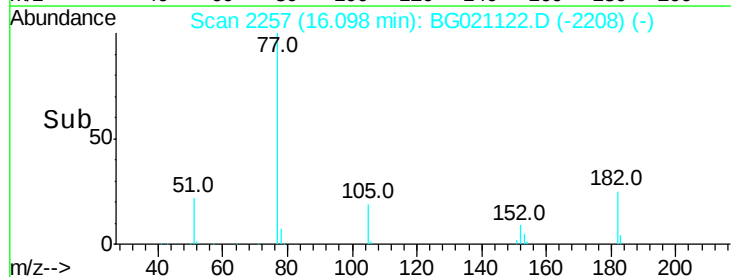
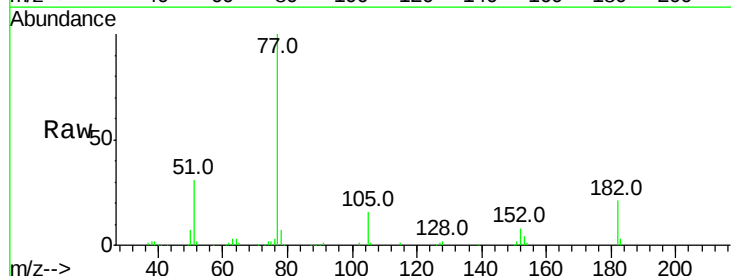
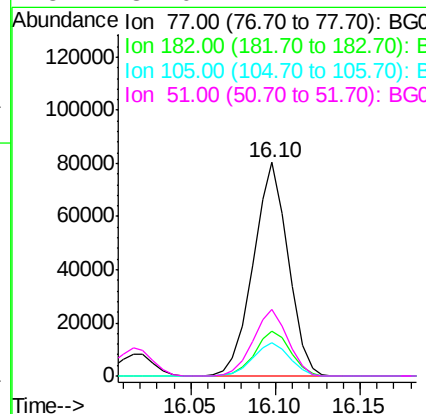
Manual Integrations
APPROVED

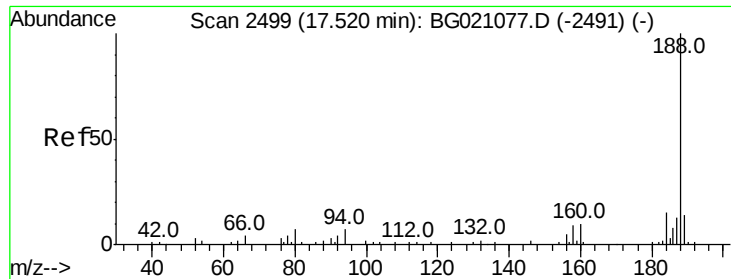
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#62
Azobenzene
Concen: 65.69 ng
RT: 16.10 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.9	0.7	40.7
105	15.8	0.0	38.3
51	31.0	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: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

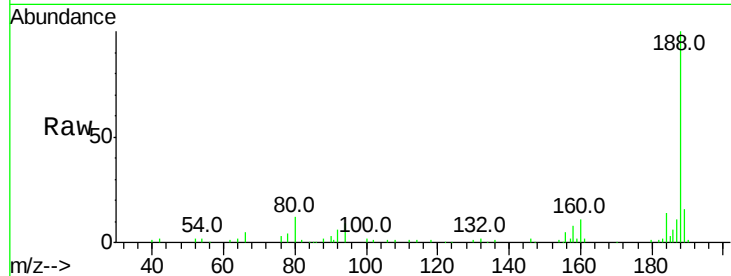
ClientSampleId :

CEB-2(12-14)20160223MSD

Tot Ion:	188	Resp:	56656
Ion Ratio	Lower	Upper	
188	100		
94	9.0	8.2	12.4
80	11.7	9.2	13.8

Manual Integrations
APPROVED

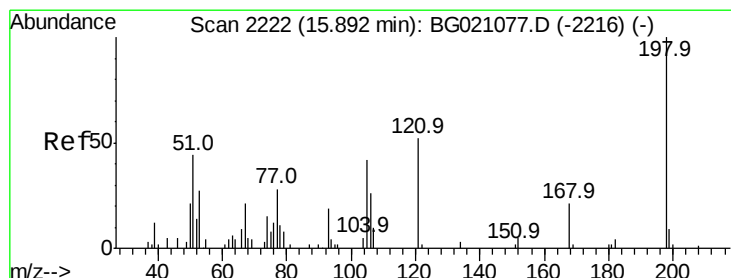
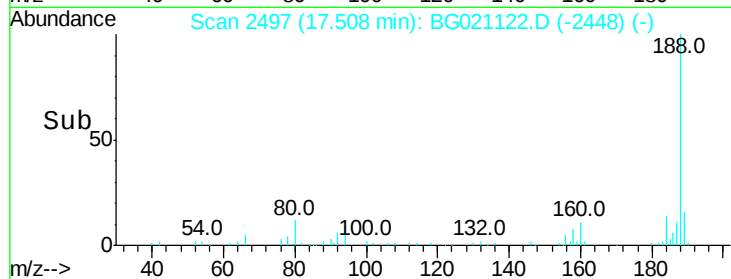
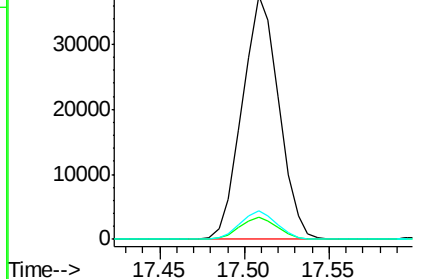
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 46.92 ng

RT: 15.88 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BG021122.D

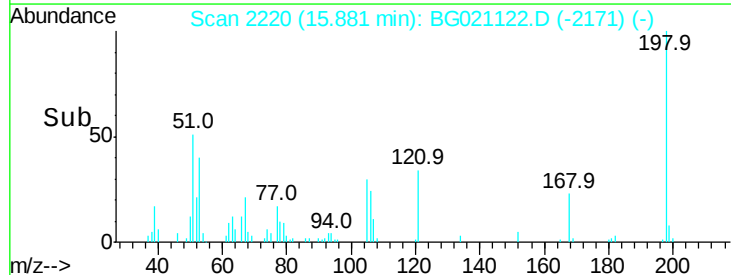
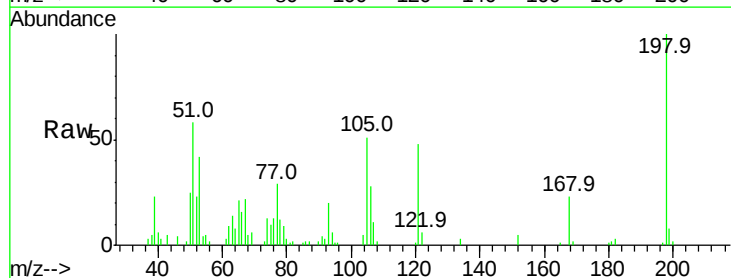
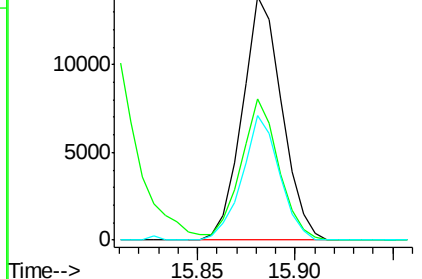
Acq: 27 Feb 2016 19:42

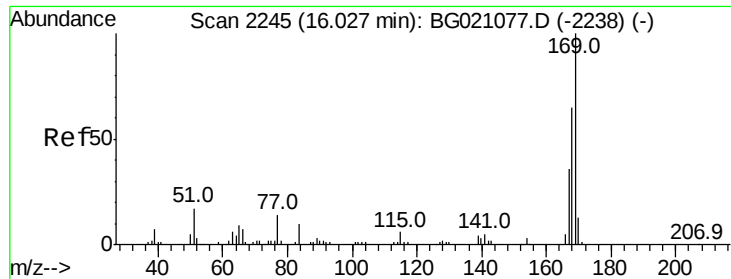
Tgt Ion:	198	Resp:	19499
Ion Ratio	Lower	Upper	
198	100		
51	57.8	30.4	70.4
105	51.2	32.8	72.8

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E





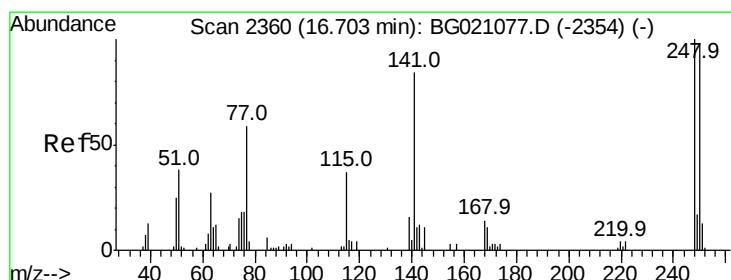
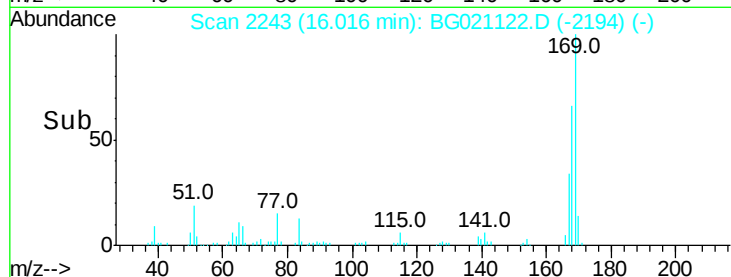
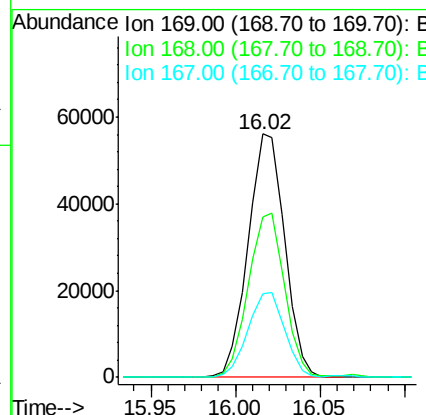
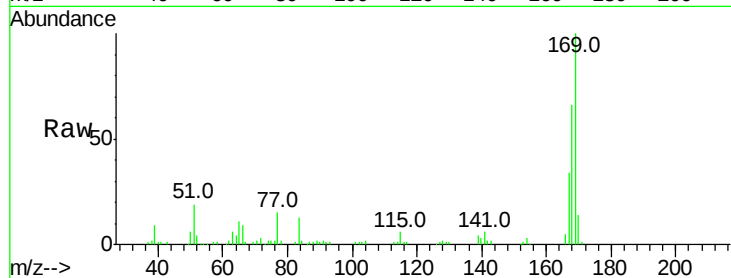
#65
n-Nitrosodiphenylamine
Concen: 50.58 ng
RT: 16.02 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	84536		
168	65.8		58.2	87.2
167	34.3		31.0	46.6

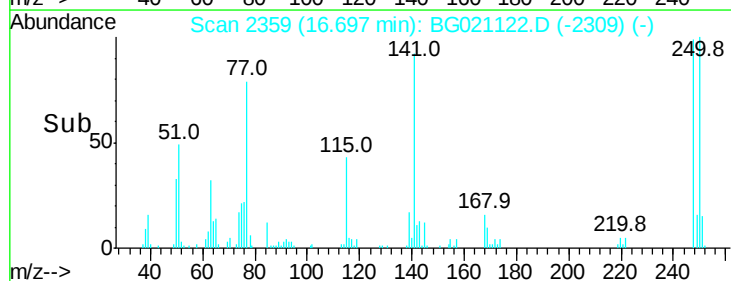
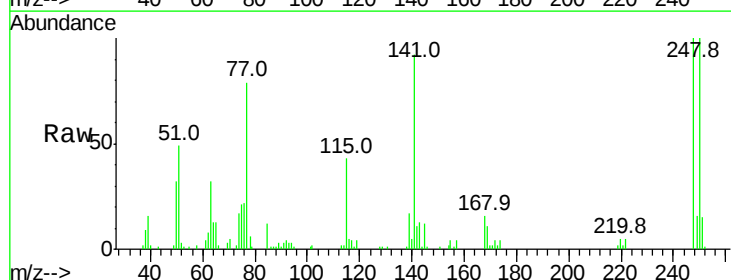
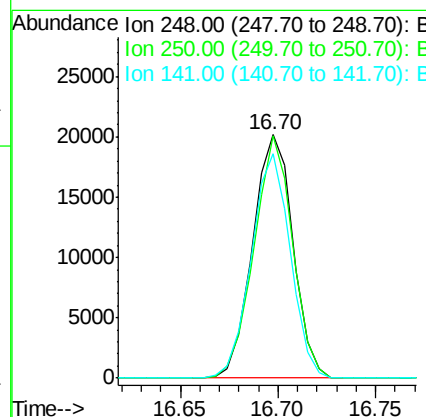
Manual Integrations
APPROVED

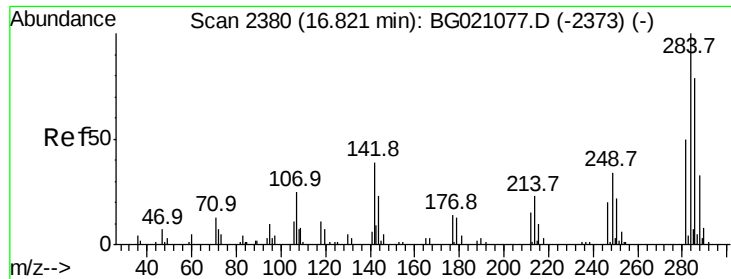
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#66
4-Bromophenyl-phenylether
Concen: 43.08 ng
RT: 16.70 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	28739		
250	99.6		76.4	114.6
141	92.4		57.4	86.0#





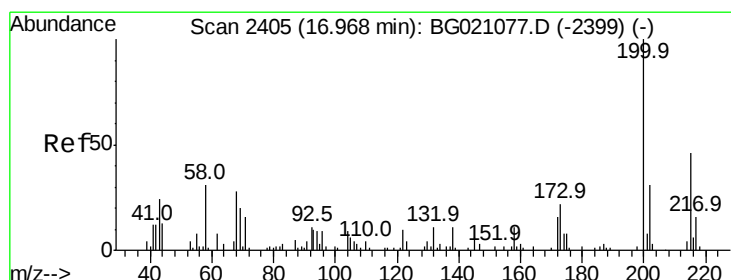
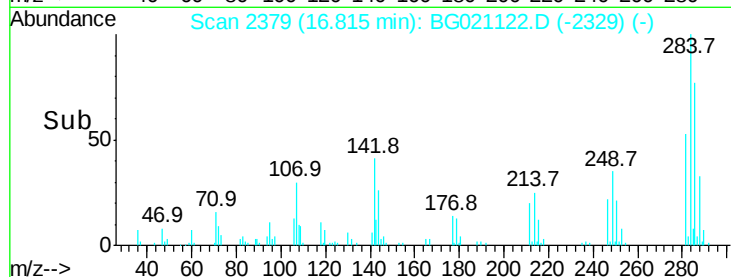
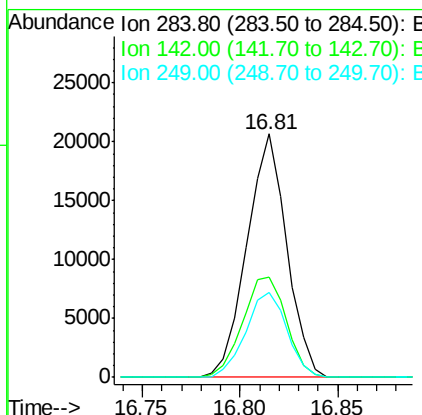
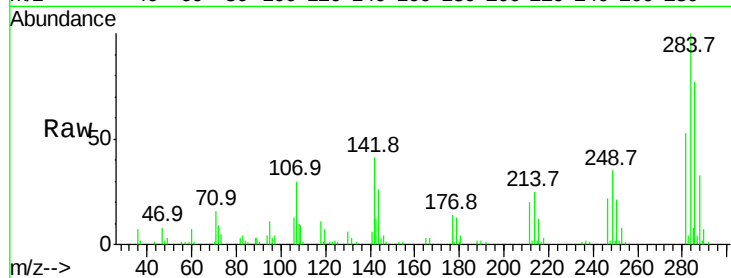
#67
Hexachlorobenzene
Concen: 41.38 ng
RT: 16.81 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	41.1	32.1	48.1
249	37.2	24.0	36.0

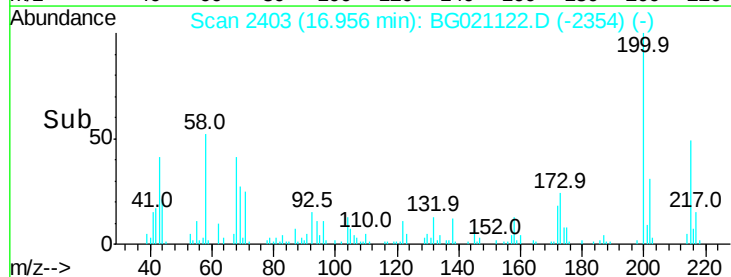
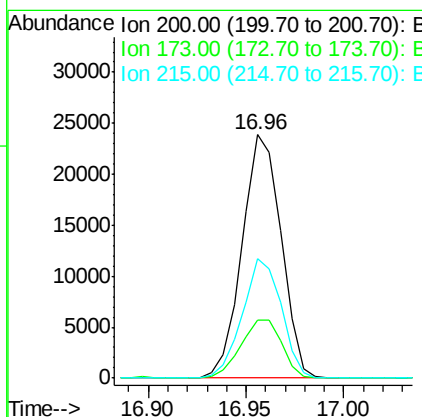
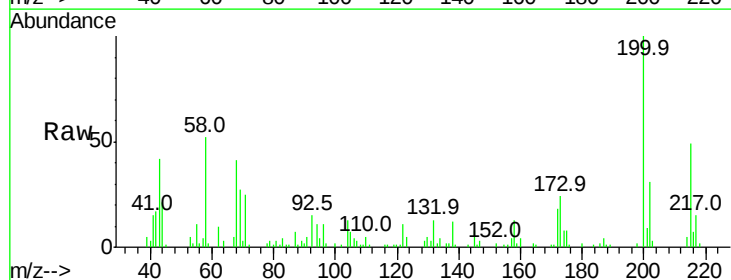
Manual Integrations
APPROVED

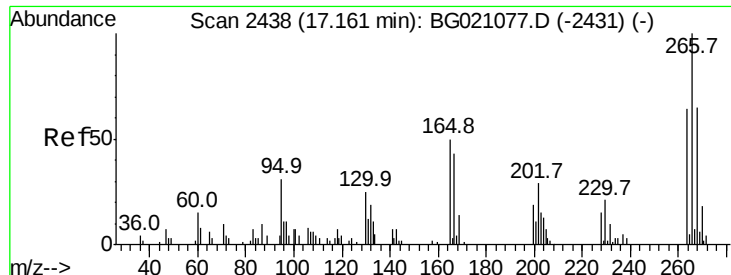
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#68
Atrazine
Concen: 53.35 ng
RT: 16.96 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	23.7	3.9	43.9
215	49.2	29.0	69.0





#69

Pentachlorophenol

Concen: 88.86 ng

RT: 17.16 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG021122.D

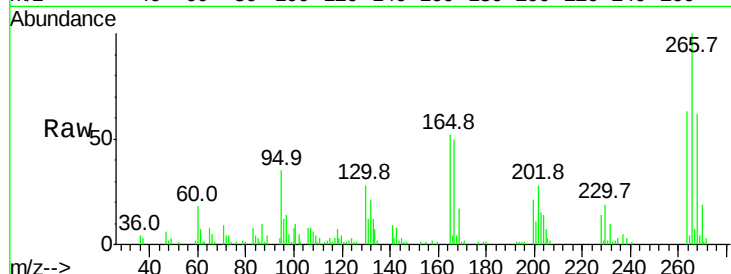
Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

ClientSampleId :

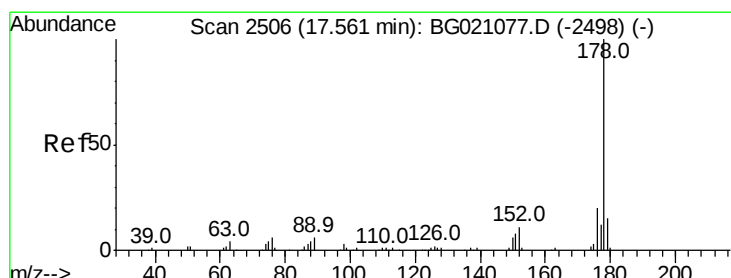
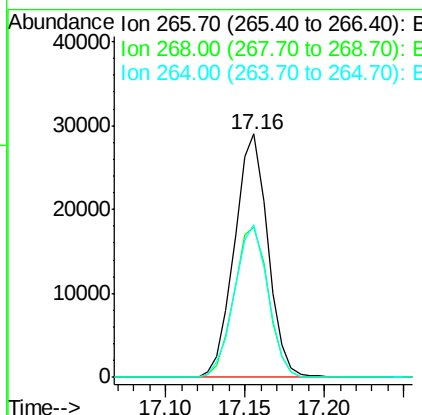
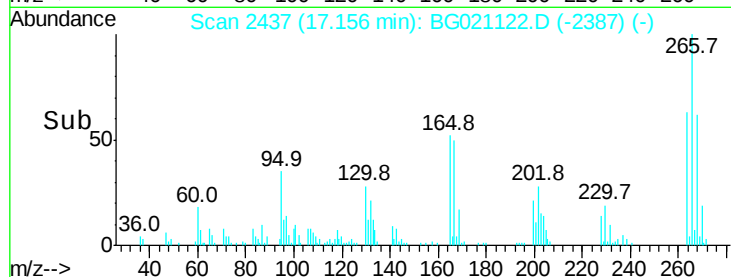
CEB-2(12-14)20160223MSD



Tot Ion	Ratio	Resp	Lower	Upper
266	100	42214		
268	65.4		51.0	76.6
264	66.8		47.8	71.8

Manual Integrations
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#70

Phenanthrene

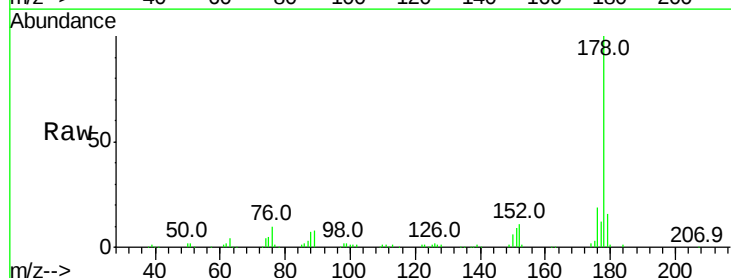
Concen: 49.42 ng

RT: 17.56 min Scan# 2505

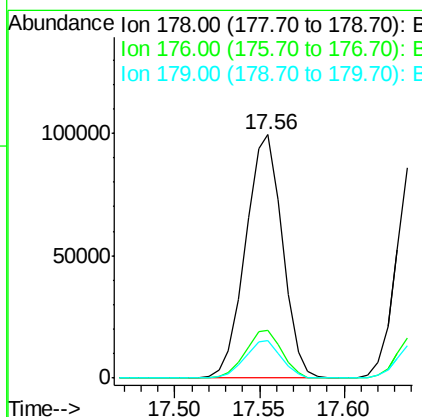
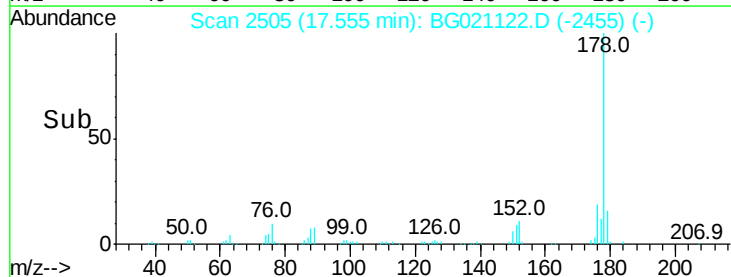
Delta R.T. -0.01 min

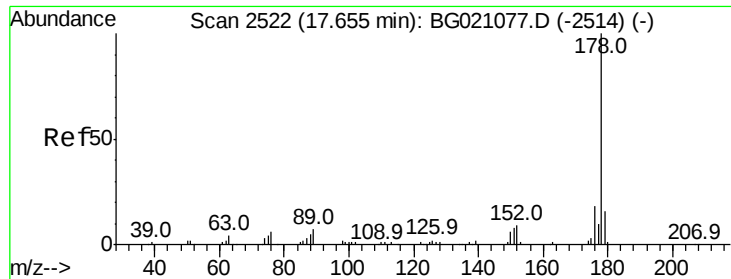
Lab File: BG021122.D

Acq: 27 Feb 2016 19:42



Tgt Ion	Ratio	Resp	Lower	Upper
178	100	150640		
176	19.5		16.2	24.4
179	15.5		12.9	19.3





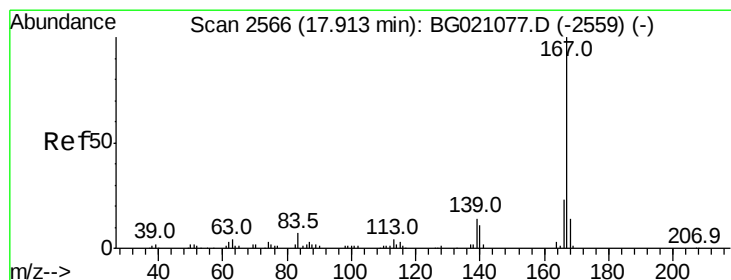
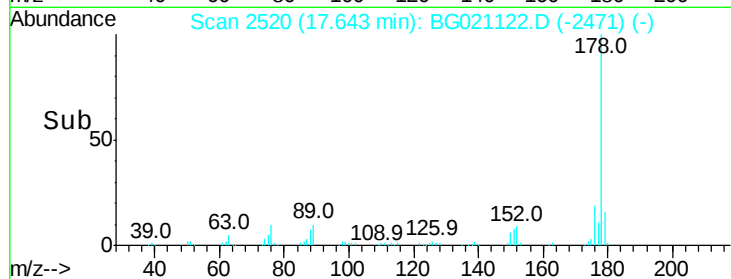
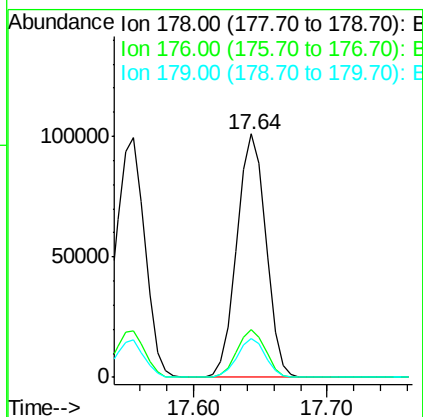
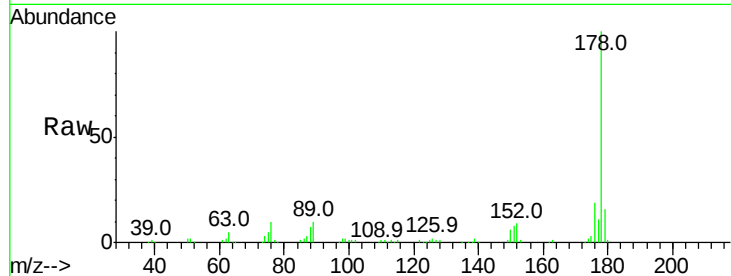
#71
 Anthracene
 Concen: 49.62 ng
 RT: 17.64 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.8	22.2
179	16.1	12.6	19.0

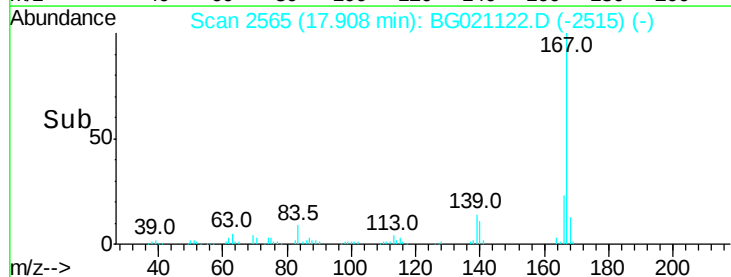
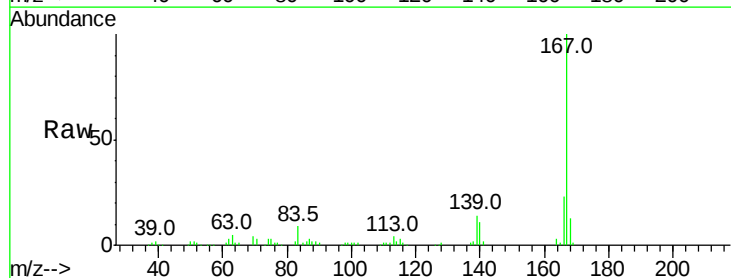
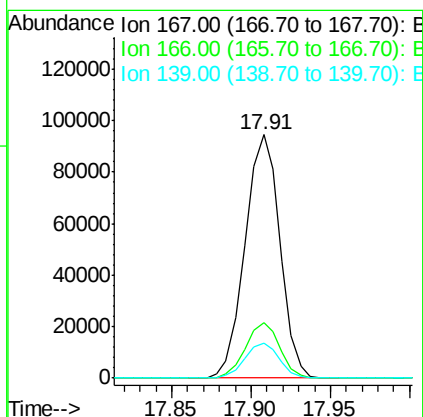
Manual Integrations
 APPROVED

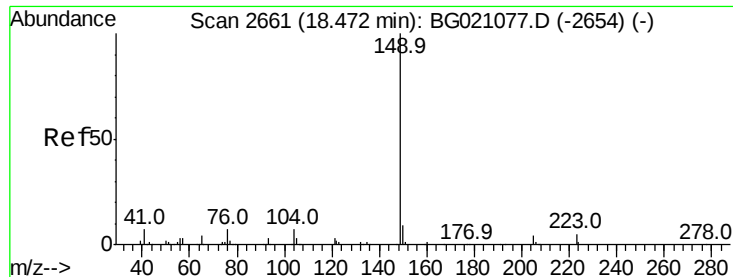
Sohil
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#72
 Carbazole
 Concen: 54.33 ng
 RT: 17.91 min Scan# 2565
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.5	26.3
139	14.3	10.3	15.5





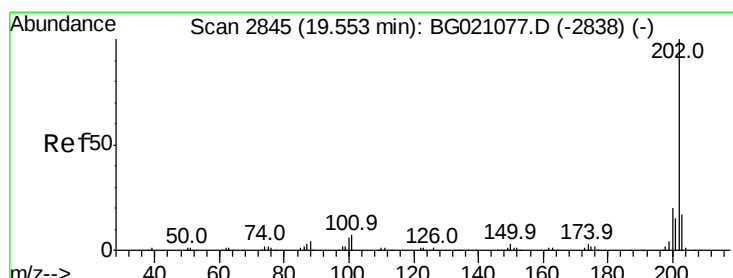
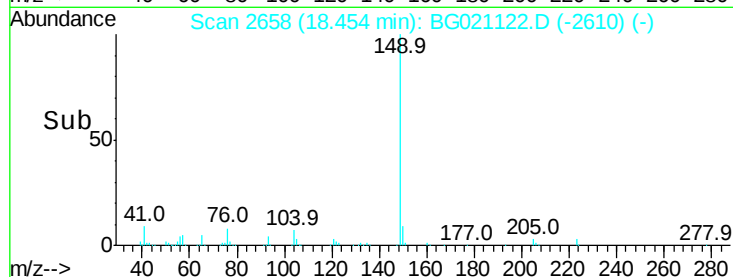
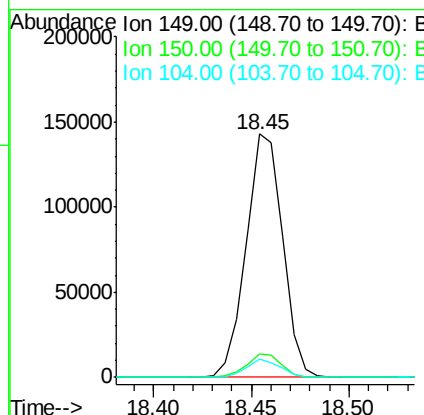
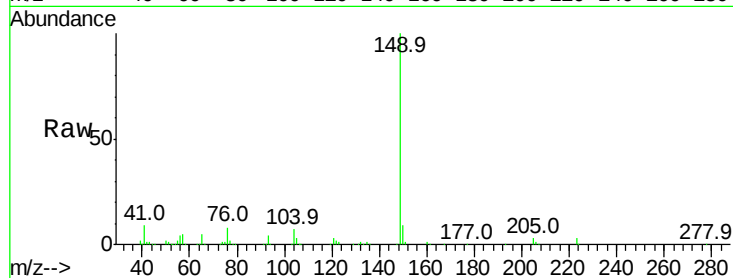
#73
Di-n-butylphthalate
Concen: 52.94 ng
RT: 18.45 min Scan# 2658
Delta R.T. -0.02 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.4	7.6	11.4
104	7.3	4.1	6.1

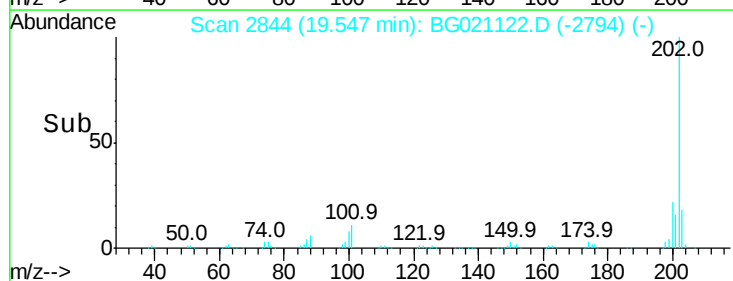
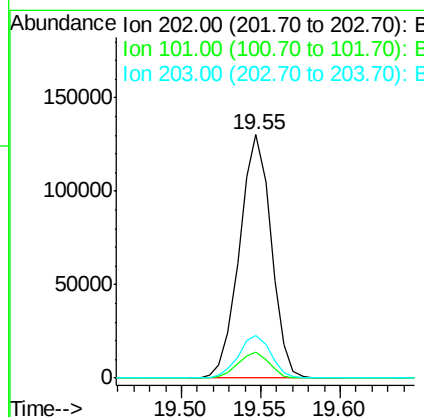
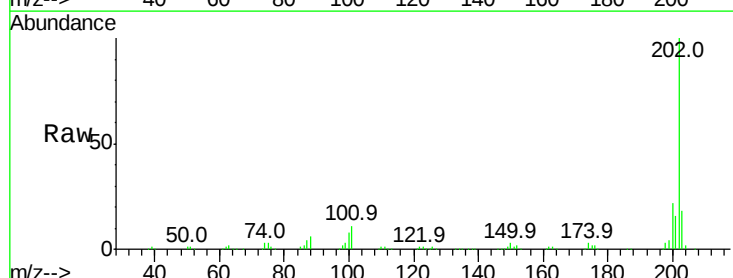
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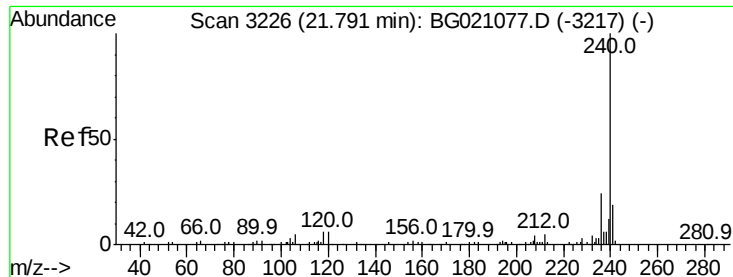
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2/29/2016 12:39:03 PM



#74
Fluoranthene
Concen: 47.21 ng
RT: 19.55 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.8	0.0	32.5
203	17.6	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: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

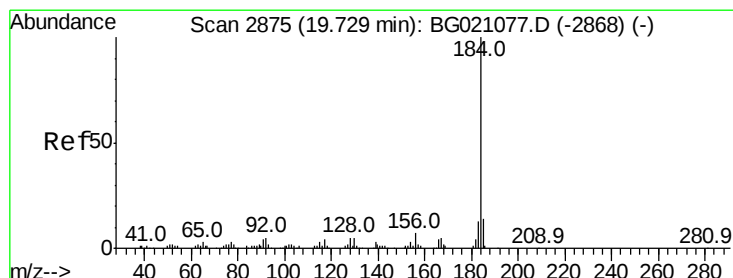
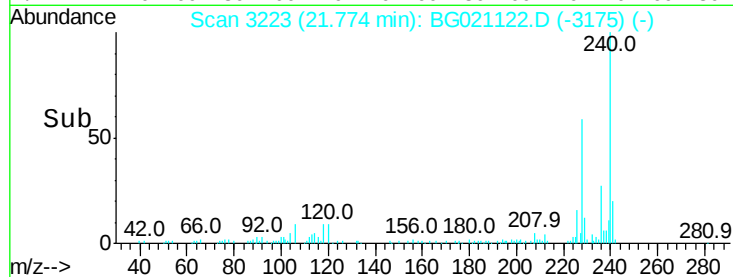
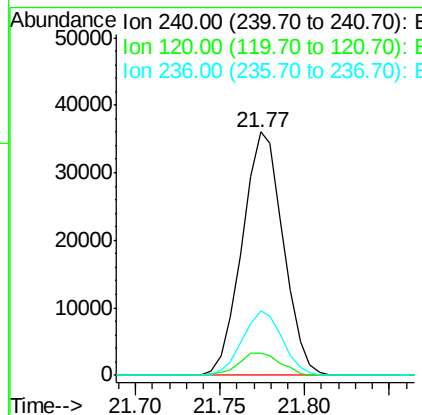
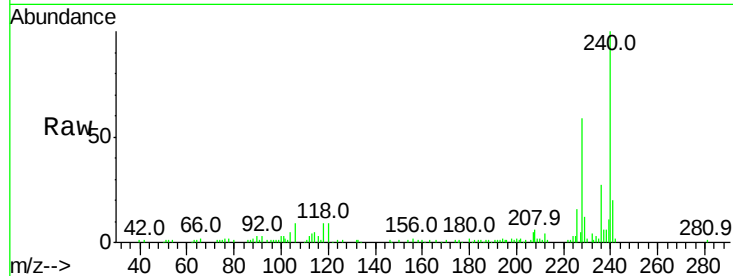
ClientSampleId :

CEB-2(12-14)20160223MSD

Tot Ion:	240	Resp:	60954
Ion Ratio	Lower	Upper	
240	100		
120	9.0	7.5	11.3
236	26.6	20.5	30.7

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#76

Benzidine

Concen: 30.24 ng

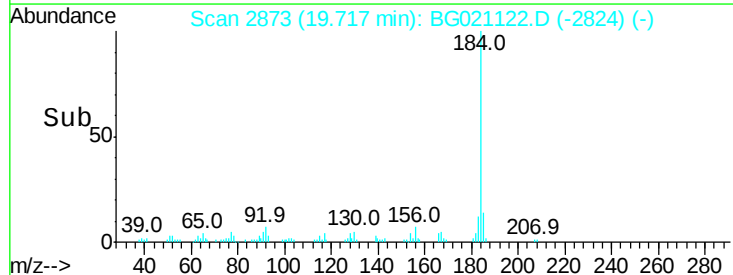
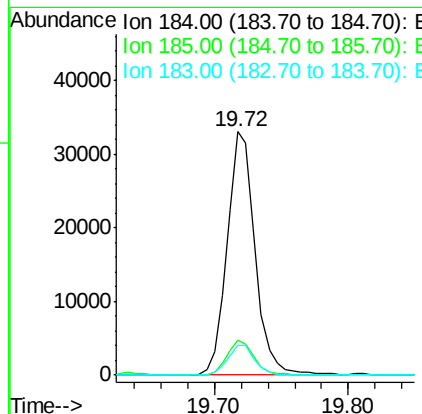
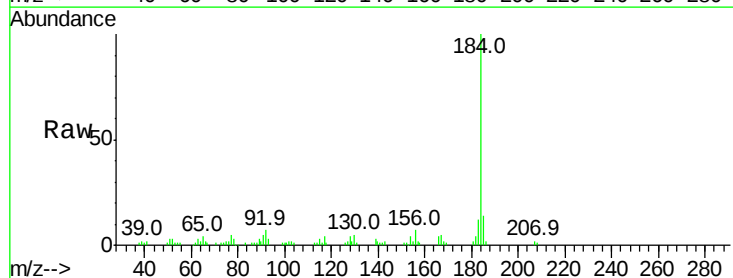
RT: 19.72 min Scan# 2873

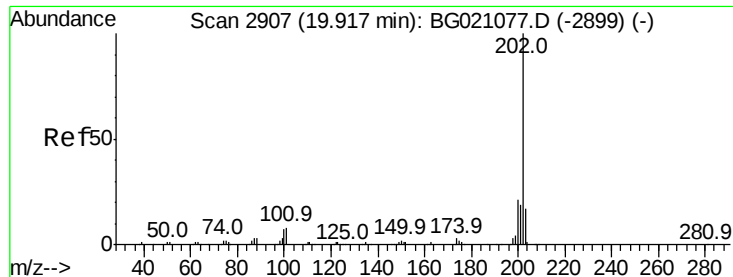
Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Tgt Ion:	184	Resp:	48500
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.5	17.3
183	12.3	10.1	15.1





#77

Pvrene

Concen: 54.95 ng

RT: 19.91 min Scan# 2905

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

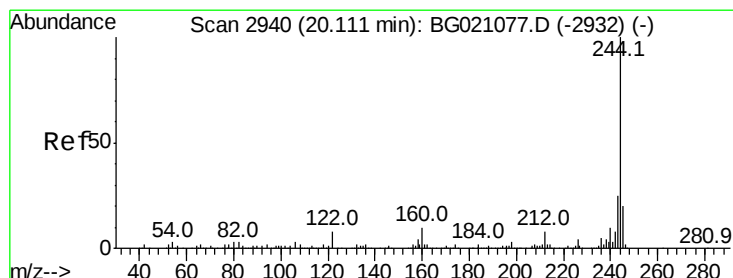
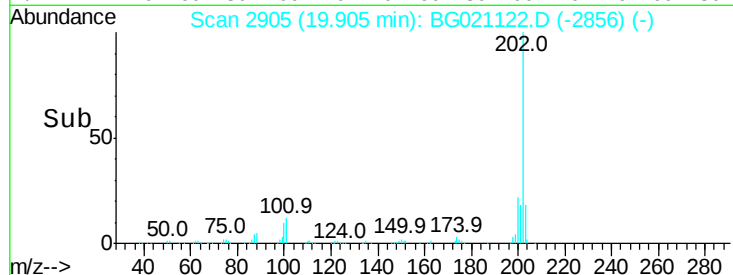
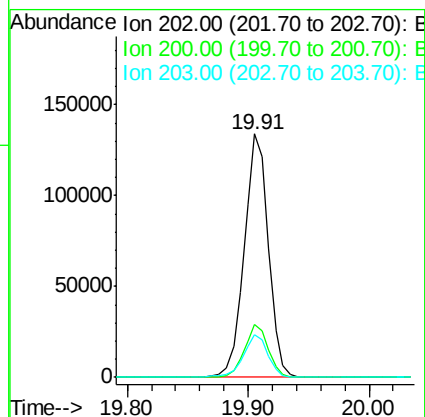
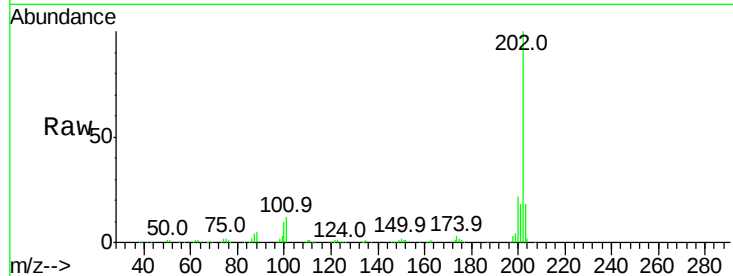
ClientSampleId :

CEB-2(12-14)20160223MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.9	16.6	25.0
203	17.5	13.8	20.8

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#78

Terphenyl-d14

Concen: 94.64 ng

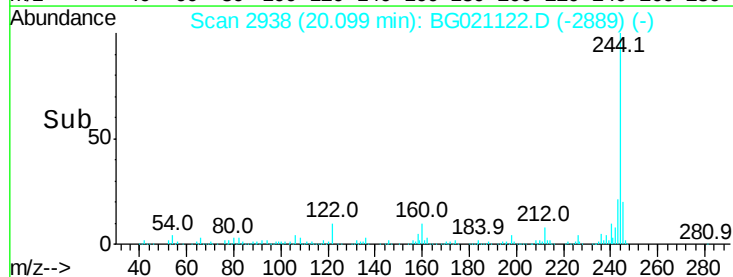
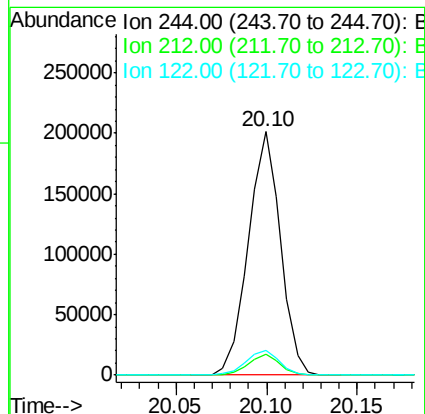
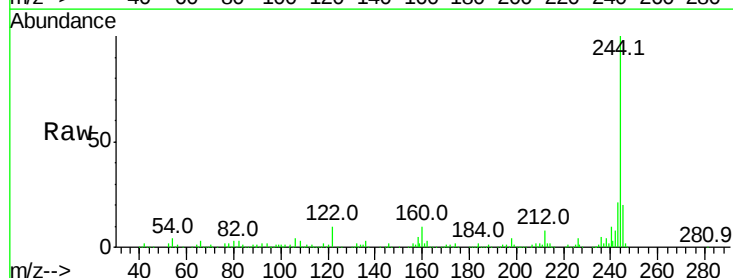
RT: 20.10 min Scan# 2938

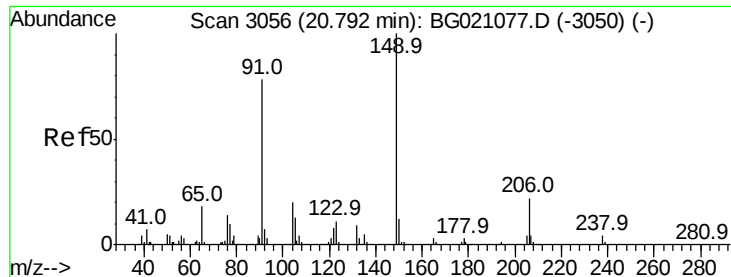
Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.4	5.8	8.6
122	10.2	8.3	12.5





#79

Butylbenzylphthalate

Concen: 59.17 ng

RT: 20.78 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

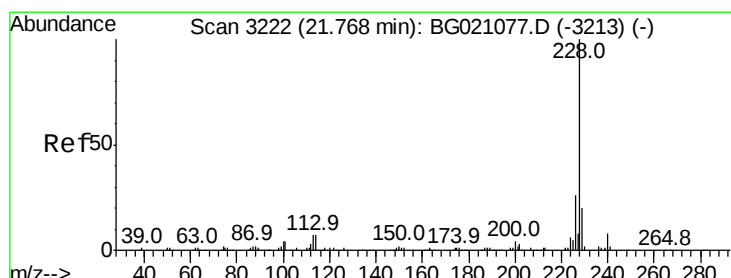
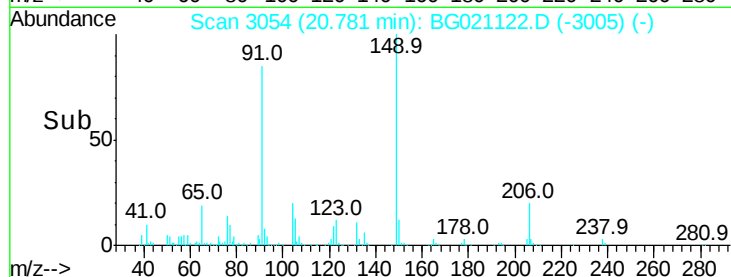
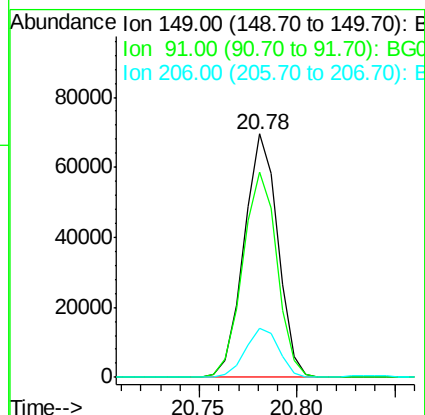
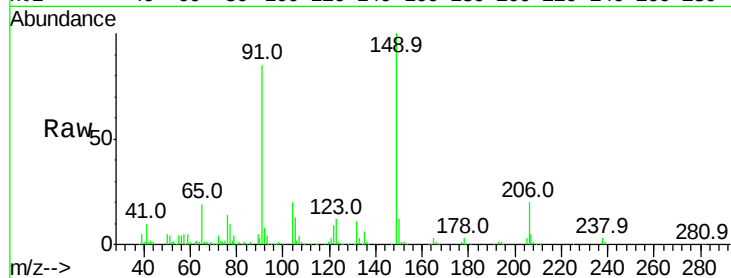
ClientSampleId :

CEB-2(12-14)20160223MSD

Tot Ion:	149	Resp:	83344
Ion Ratio	Lower	Upper	
149	100		
91	84.6	58.6	87.8
206	20.2	14.2	21.4

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#80

Benzo(a)anthracene

Concen: 50.57 ng

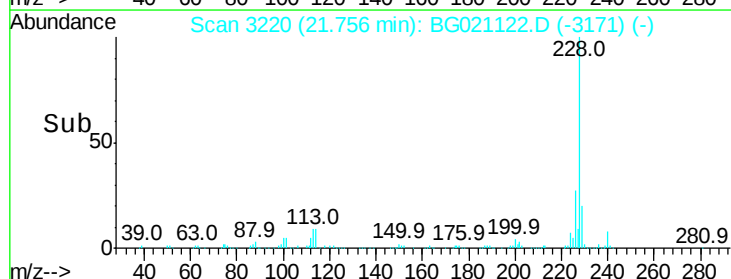
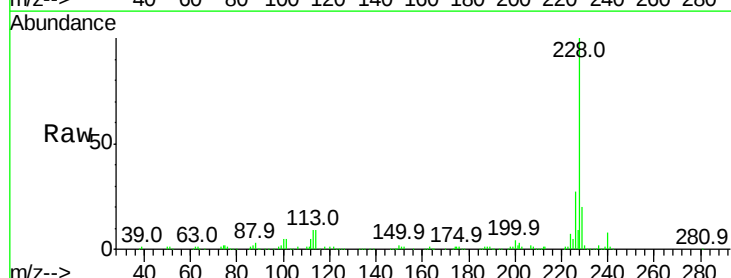
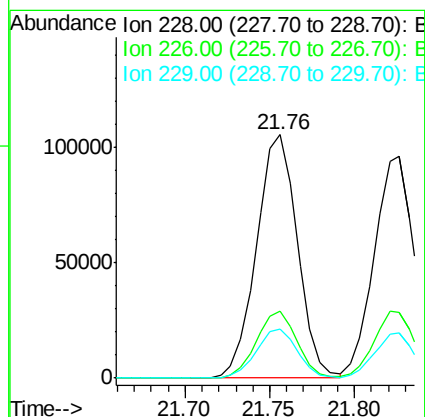
RT: 21.76 min Scan# 3220

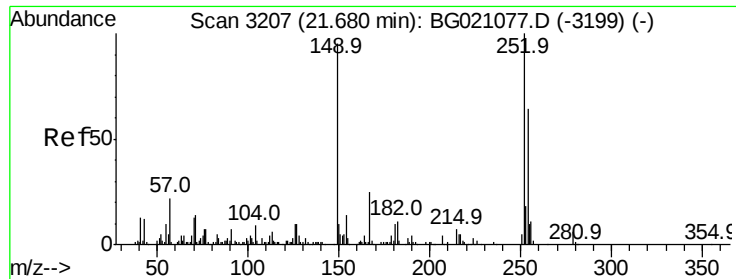
Delta R.T. -0.01 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Tgt Ion:	228	Resp:	177374
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.7	34.1
229	20.2	15.5	23.3





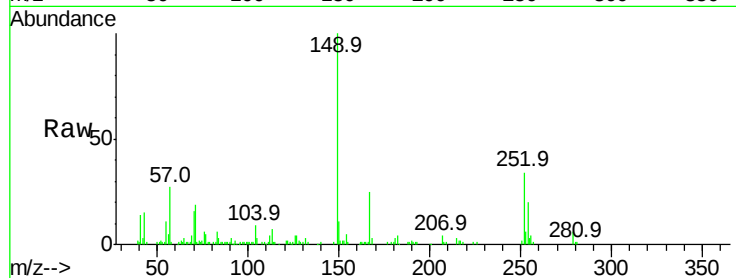
#81
 3,3'-Dichlorobenzidine
 Concen: 15.78 ng
 RT: 21.66 min Scan# 3204
 Delta R.T. -0.02 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MSD

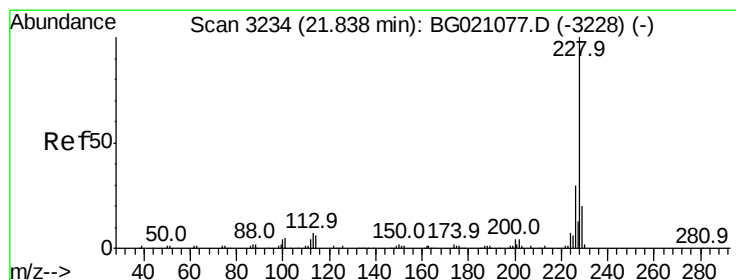
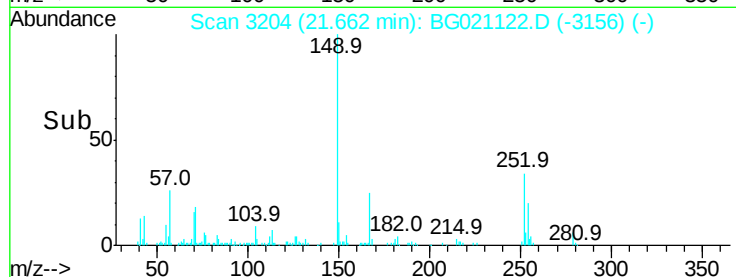
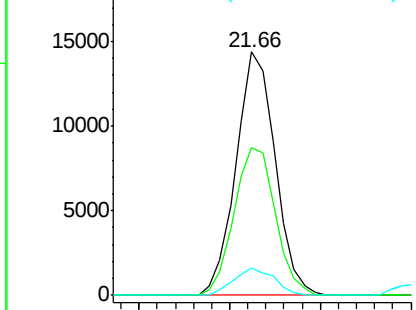
Tot Ion:	252	Resp:	21655
Ion Ratio	Lower	Upper	
252	100		
254	60.9	52.6	79.0
126	11.0	8.3	12.5

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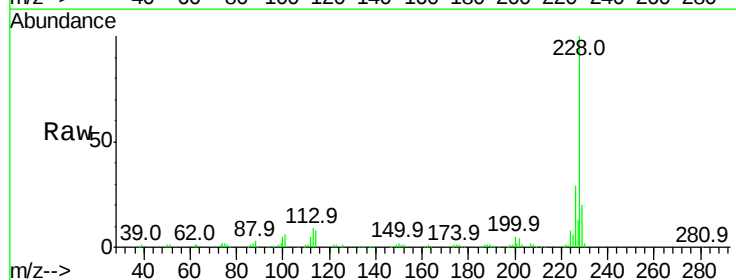


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

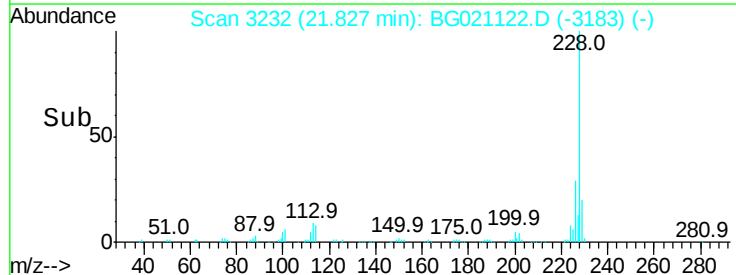
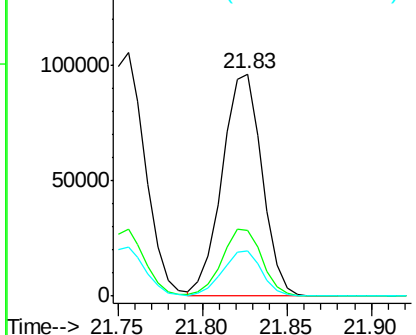


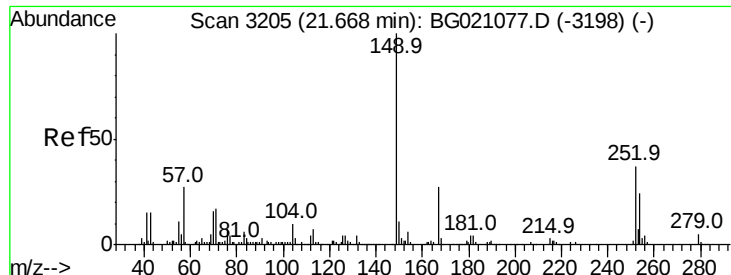
#82
 Chrysene
 Concen: 46.81 ng
 RT: 21.83 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Tgt Ion:	228	Resp:	158113
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.7	35.5
229	20.4	16.7	25.1



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.64 ng

RT: 21.65 min Scan# 3202

Delta R.T. -0.02 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

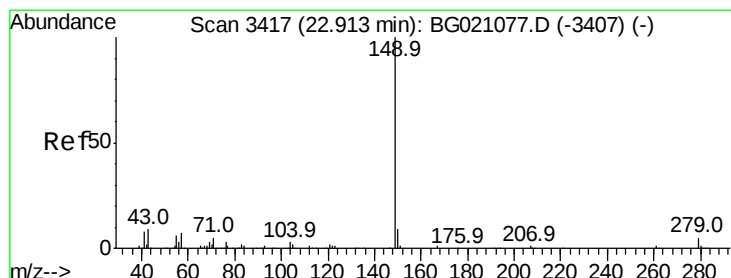
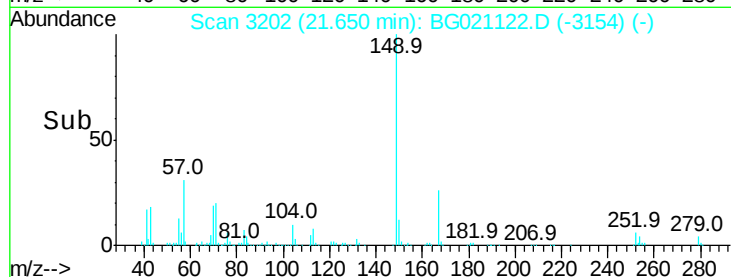
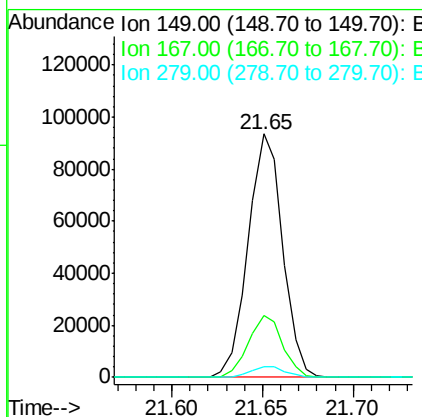
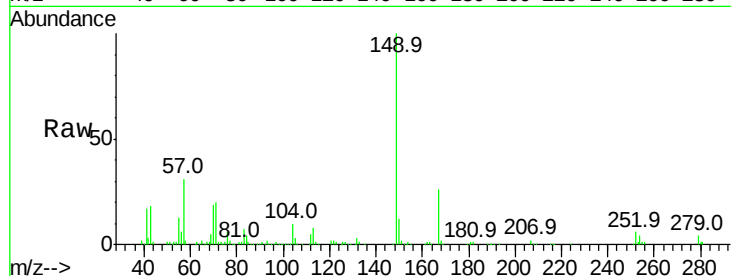
ClientSampleId :

CEB-2(12-14)20160223MSD

Tot Ion:	149	Resp:	123197
Ion Ratio	Lower	Upper	
149	100		
167	25.6	18.9	28.3
279	4.3	3.0	4.6

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#84

Di-n-octyl phthalate

Concen: 57.05 ng

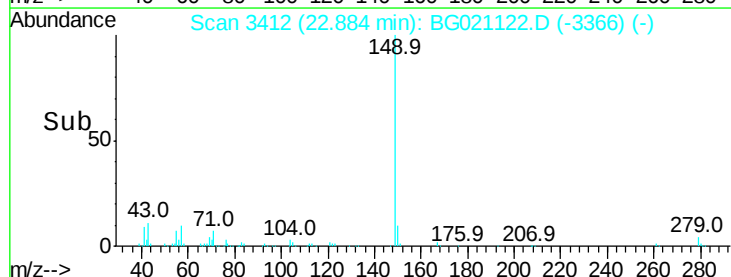
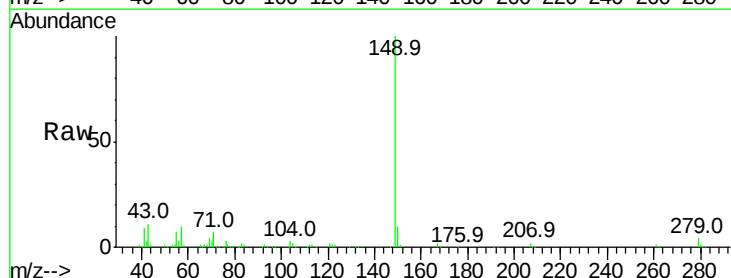
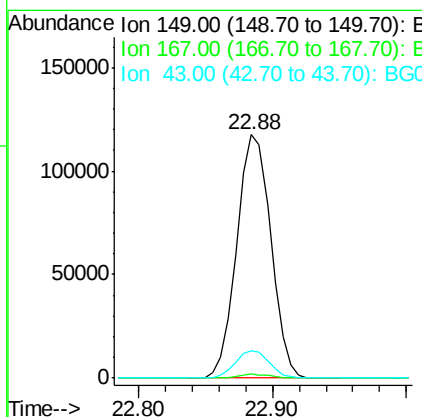
RT: 22.88 min Scan# 3412

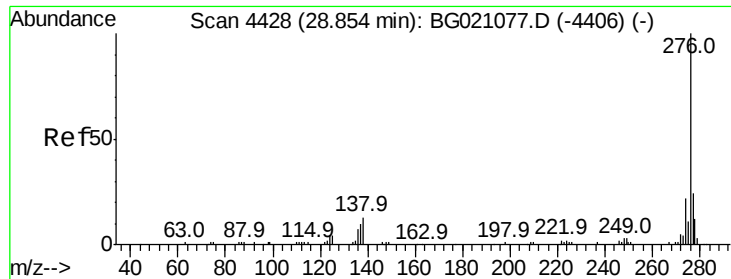
Delta R.T. -0.03 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Tgt Ion:	149	Resp:	207955
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	11.3	9.8	14.8





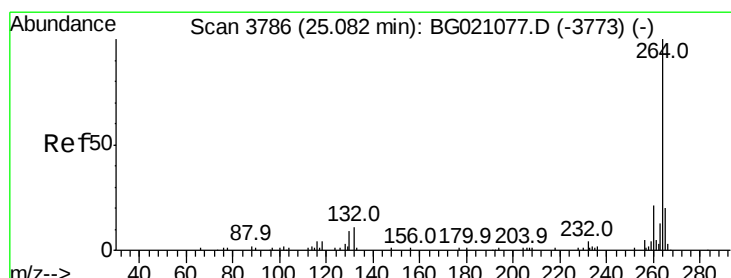
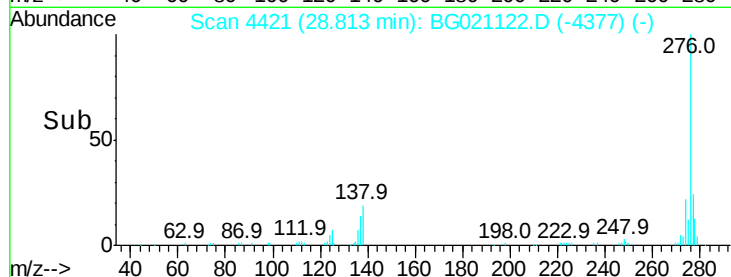
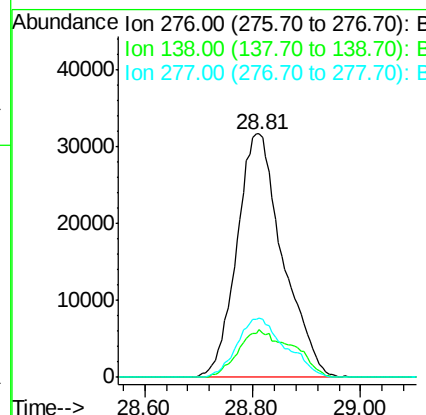
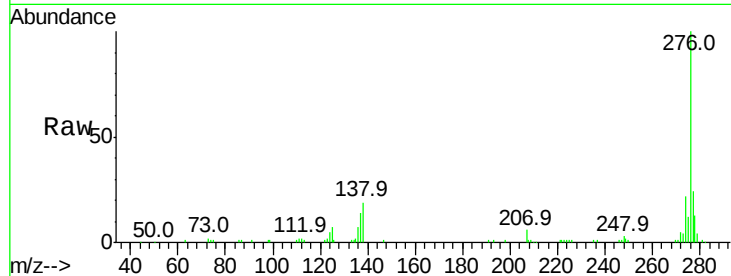
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.73 ng
RT: 28.81 min Scan# 4421
Delta R.T. -0.04 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	23.0	0.0	0.0#
277	25.6	0.0	0.0#

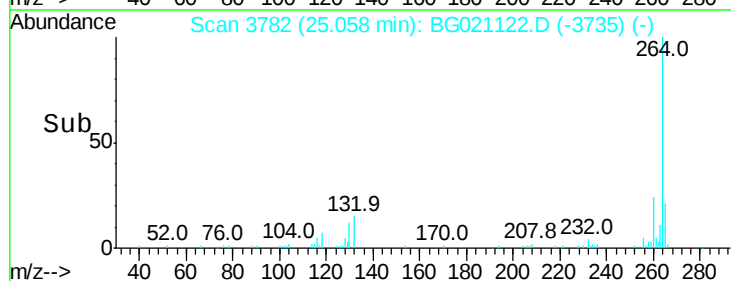
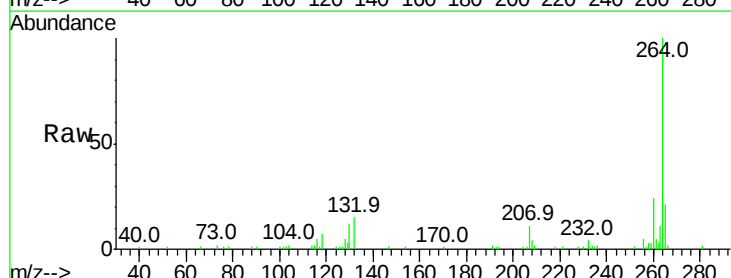
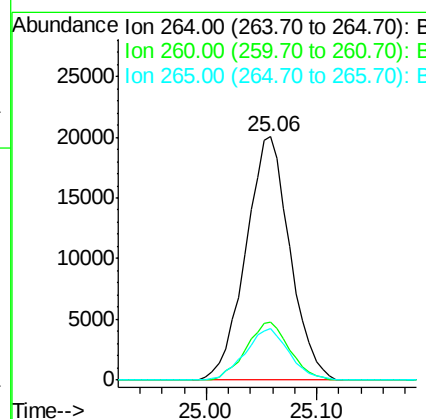
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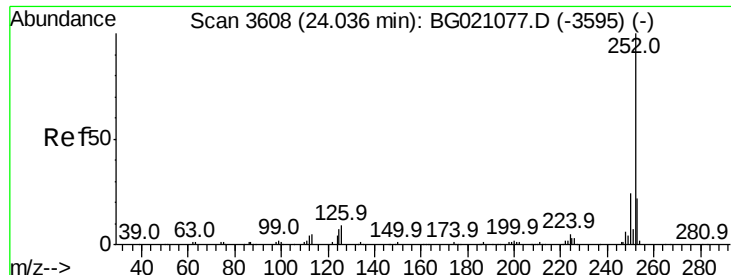
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3782
Delta R.T. -0.02 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.7	18.5	27.7
265	21.0	18.6	28.0





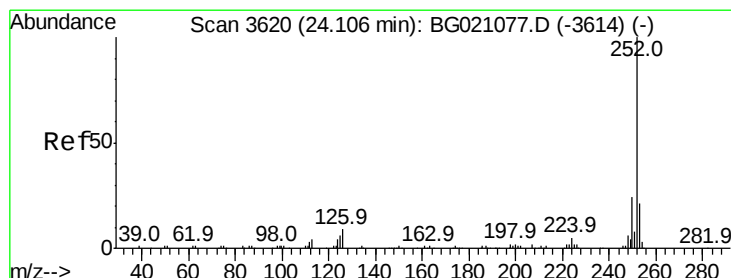
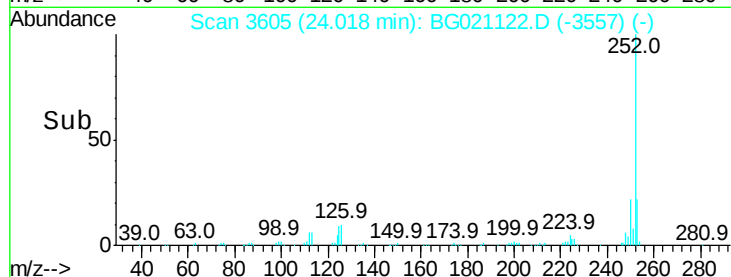
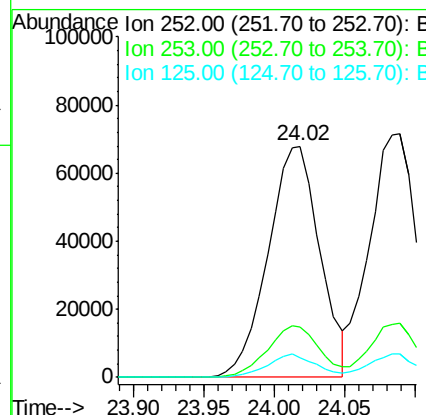
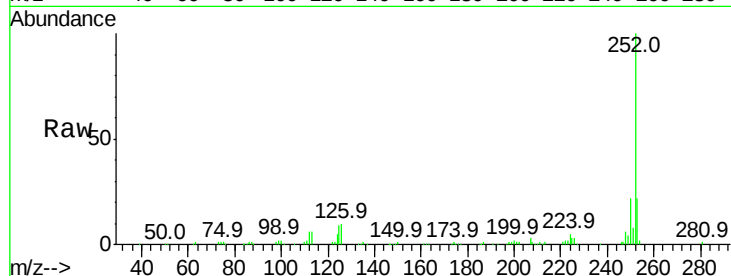
#87
Benzo(b)fluoranthene
Concen: 49.54 ng
RT: 24.02 min Scan# 3605
Delta R.T. -0.02 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Instrument :
BNA_G
ClientSampleId :
CEB-2(12-14)20160223MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.8	25.2
125	8.7	8.2	12.2

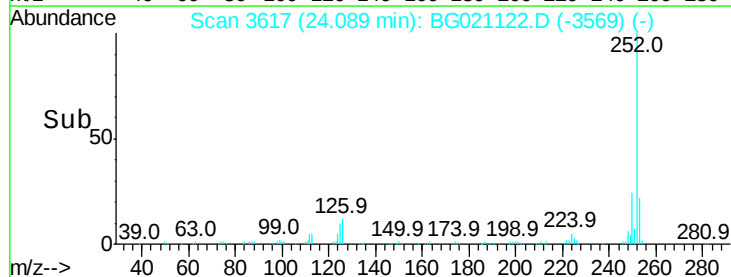
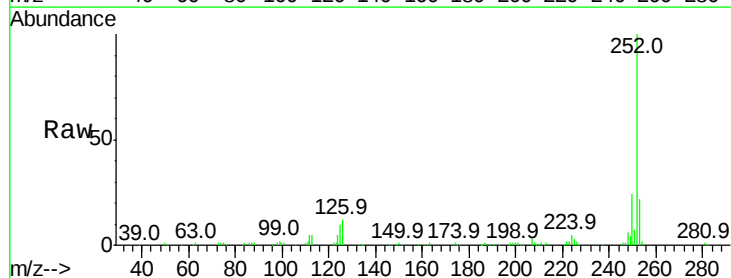
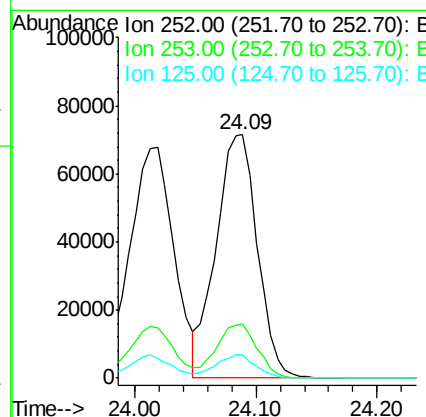
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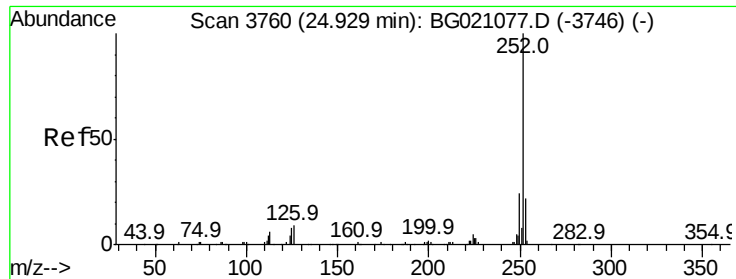
Sohil
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#88
Benzo(k)fluoranthene
Concen: 48.94 ng
RT: 24.09 min Scan# 3617
Delta R.T. -0.02 min
Lab File: BG021122.D
Acq: 27 Feb 2016 19:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.4	24.6
125	9.6	8.2	12.2





#89

Benzo(a)pyrene

Concen: 49.59 ng

RT: 24.91 min Scan# 3756

Delta R.T. -0.02 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Instrument :

BNA_G

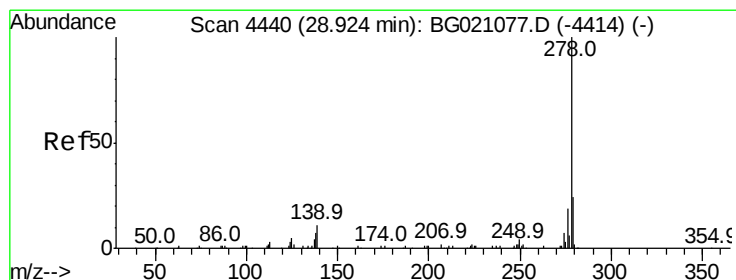
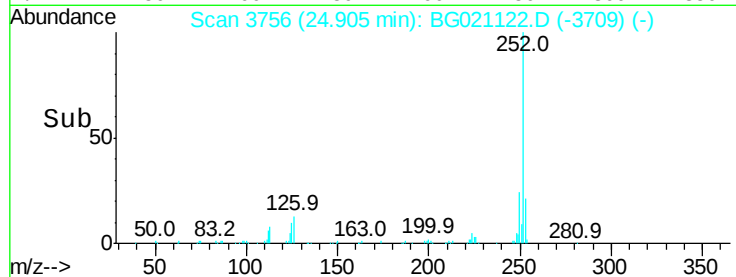
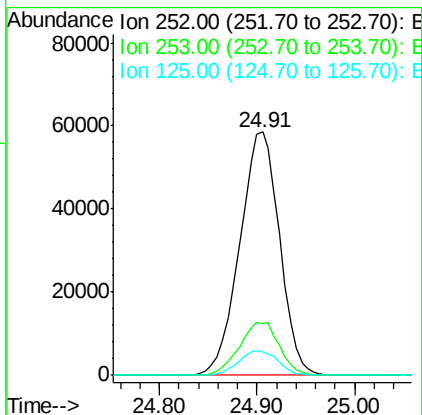
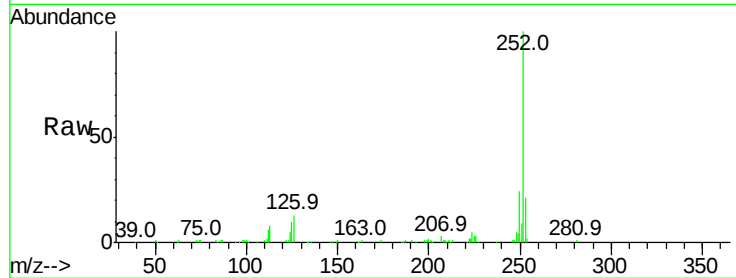
ClientSampleId :

CEB-2(12-14)20160223MSD

Tot Ion:	252	Resp:	166651
Ion Ratio		Lower	Upper
252	100		
253	21.2	15.8	23.8
125	9.8	8.4	12.6

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#90

Dibenzo(a,h)anthracene

Concen: 46.60 ng

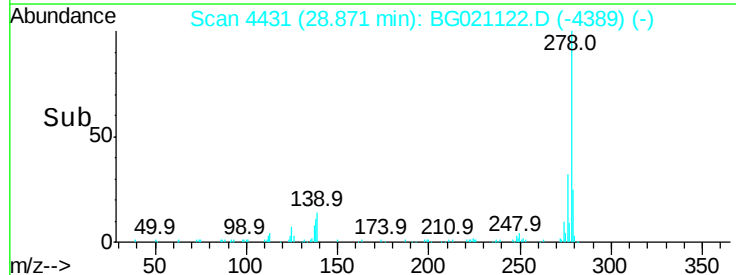
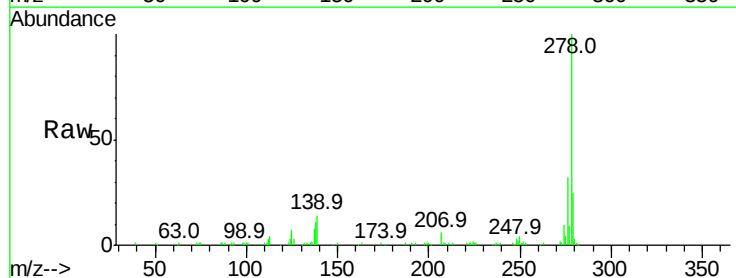
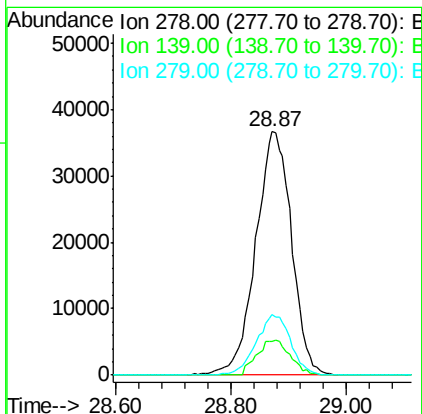
RT: 28.87 min Scan# 4431

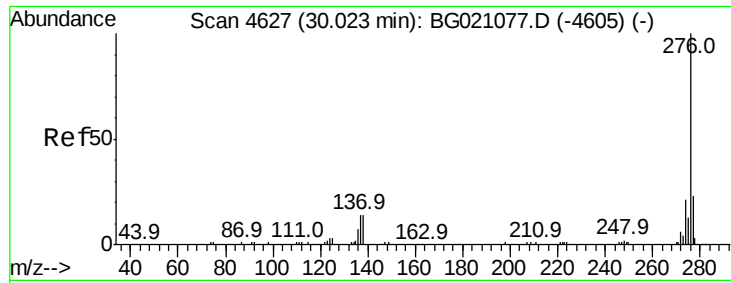
Delta R.T. -0.05 min

Lab File: BG021122.D

Acq: 27 Feb 2016 19:42

Tgt Ion:	278	Resp:	157855
Ion Ratio		Lower	Upper
278	100		
139	14.0	10.6	15.8
279	24.8	19.7	29.5





#91
 Benzo(a,h,i)perylene
 Concen: 46.53 ng
 RT: 29.99 min Scan# 4621
 Delta R.T. -0.04 min
 Lab File: BG021122.D
 Acq: 27 Feb 2016 19:42

Instrument :
 BNA_G
 ClientSampleId :
 CEB-2(12-14)20160223MSD

Tot Ion:	276	Resp:	151827
Ion Ratio	Lower	Upper	
276	100		
277	23.7	16.6	25.0
138	19.5	14.6	21.8

Manual Integrations
 APPROVED

Sohil
 2/29/2016 12:39:03 PM

