

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
 Data File : BG021163.D
 Acq On : 29 Feb 2016 20:13
 Operator : UM/SJ
 Sample : H1578-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CEB-6(12-14)20160224MS

Manual Integrations
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Sohil
 3/1/2016 3:01:46 PM

Quant Time: Mar 01 09:57:15 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 29 17:40:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	8482	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	43426	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	28580	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	70140	20.00	ng	0.00
75) Chrysene-d12	21.76	240	73721	20.00	ng	0.00
86) Perylene-d12	25.04	264	66721	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	93182	174.65	ng	0.00
7) Phenol-d6	7.30	99	151806	173.03	ng	0.00
23) Nitrobenzene-d5	9.32	82	106979	104.24	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	50073	168.39	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	187631	93.22	ng	0.00
78) Terphenyl-d14	20.08	244	277567	91.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	9636	40.21	ng	# 80
3) Pyridine	3.99	79	32307	42.65	ng	# 94
4) n-Nitrosodimethylamine	3.90	42	17804	46.66	ng	# 98
6) Aniline	7.47	93	33261	28.60	ng	# 84
8) 2-Chlorophenol	7.72	128	36407	55.66	ng	# 86
9) Benzaldehyde	7.29	77	6606	12.05	ng	# 85
10) Phenol	7.33	94	54110	57.86	ng	# 82
11) bis(2-Chloroethyl)ether	7.57	93	36236	50.27	ng	# 93
12) 1,3-Dichlorobenzene	8.04	146	31179	46.49	ng	# 90
13) 1,4-Dichlorobenzene	8.19	146	32592	47.20	ng	# 98
14) 1,2-Dichlorobenzene	8.51	146	32036	48.65	ng	# 95
15) Benzyl Alcohol	8.39	79	45197	56.42	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.68	45	58782	47.24	ng	# 96
17) 2-Methylphenol	8.59	107	35835	55.37	ng	# 89
18) Hexachloroethane	9.24	117	13098	45.30	ng	# 97
19) n-Nitroso-di-n-propylamine	8.96	70	39719	49.00	ng	# 94
20) 3+4-Methylphenols	8.91	107	49657	54.18	ng	# 91
22) Acetophenone	8.97	105	60973	47.18	ng	# 95
24) Nitrobenzene	9.36	77	56167	50.15	ng	# 87
25) Isophorone	9.88	82	108402	48.74	ng	# 95
26) 2-Nitrophenol	10.07	139	20673	50.67	ng	# 58
27) 2,4-Dimethylphenol	10.12	122	38663	52.82	ng	# 91
28) bis(2-Chloroethoxy)methane	10.36	93	54657	52.93	ng	# 98
29) 2,4-Dichlorophenol	10.60	162	36905	55.97	ng	# 95
30) 1,2,4-Trichlorobenzene	10.82	180	32885	49.45	ng	# 99
31) Naphthalene	11.01	128	112903	49.87	ng	# 98
33) 4-Chloroaniline	11.11	127	21073	20.18	ng	# 90
34) Hexachlorobutadiene	11.29	225	19354	47.80	ng	# 93
35) Caprolactam	11.89	113	17251m	53.66	ng	# 96
36) 4-Chloro-3-methylphenol	12.22	107	54916	54.90	ng	# 84
37) 2-Methylnaphthalene	12.60	142	83973	52.09	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	40053	46.67	ng	# 96
40) Hexachlorocyclopentadiene	12.94	237	48478	103.01	ng	# 100
42) 2,4,6-Trichlorophenol	13.20	196	33139	51.41	ng	# 96

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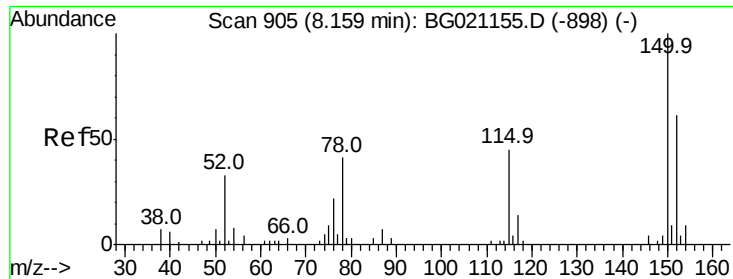
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 29 17:40:25 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.27	196	38154	55.35	nq	# 90
45) 1,1'-Biphenyl	13.60	154	112455	47.84	nq	94
46) 2-Chloronaphthalene	13.64	162	87738	49.73	nq	97
47) 2-Nitroaniline	13.84	65	45822	53.29	nq	# 75
48) Acenaphthylene	14.48	152	149679	50.11	nq	97
49) Dimethylphthalate	14.21	163	172639	67.78	nq	# 99
50) 2,6-Dinitrotoluene	14.33	165	28585	53.64	nq	# 59
51) Acenaphthene	14.82	154	95999	50.62	nq	98
52) 3-Nitroaniline	14.66	138	19801	33.49	nq	# 65
53) 2,4-Dinitrophenol	14.86	184	10204	37.78	nq	88
54) Dibenzofuran	15.15	168	142281	56.19	nq	# 90
55) 4-Nitrophenol	14.95	139	52490	107.04	nq	# 52
56) 2,4-Dinitrotoluene	15.11	165	41667	54.28	nq	# 74
57) Fluorene	15.80	166	123741	51.28	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	32632	59.19	nq	# 93
59) Diethylphthalate	15.57	149	144852	51.45	nq	99
60) 4-Chlorophenyl-phenylether	15.79	204	60005	49.81	nq	96
61) 4-Nitroaniline	15.82	138	33771	53.48	nq	# 60
62) Azobenzene	16.08	77	167312	55.33	nq	91
64) 4,6-Dinitro-2-methylphenol	15.87	198	21196	44.05	nq	92
65) n-Nitrosodiphenylamine	16.01	169	111028	51.48	nq	94
66) 4-Bromophenyl-phenylether	16.68	248	36580	49.90	nq	# 87
67) Hexachlorobenzene	16.80	284	35782	50.29	nq	# 78
68) Atrazine	16.95	200	42310	57.29	nq	97
69) Pentachlorophenol	17.14	266	49277	106.01	nq	92
70) Phenanthrene	17.54	178	193735	51.18	nq	99
71) Anthracene	17.63	178	196848	50.82	nq	99
72) Carbazole	17.90	167	183690	53.48	nq	98
73) Di-n-butylphthalate	18.44	149	241739	50.06	nq	# 97
74) Fluoranthene	19.53	202	221653	49.84	nq	100
76) Benzidine	19.71	184	45632	22.12	nq	99
77) Pyrene	19.90	202	227307	51.69	nq	98
79) Butylbenzylphthalate	20.77	149	112652	50.19	nq	88
80) Benzo(a)anthracene	21.74	228	221533	50.76	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	39843	24.13	nq	# 99
82) Chrysene	21.81	228	198644	48.03	nq	98
83) Bis(2-ethylhexyl)phthalate	21.63	149	168580	51.25	nq	96
84) Di-n-octyl phthalate	22.86	149	286036	52.20	nq	99
85) Indeno(1,2,3-cd)pyrene	28.77	276	228267	48.13	nq	# 100
87) Benzo(b)fluoranthene	23.99	252	214553	51.12	nq	99
88) Benzo(k)fluoranthene	24.06	252	209060	49.74	nq	97
89) Benzo(a)pyrene	24.88	252	206389	50.86	nq	95
90) Dibenzo(a,h)anthracene	28.83	278	195208	48.63	nq	# 94
91) Benzo(g,h,i)perylene	29.94	276	186338	48.05	nq	95

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



#1

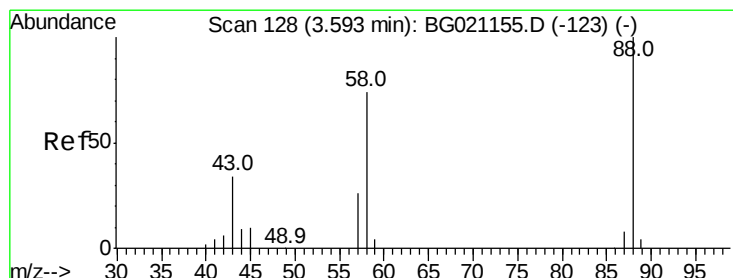
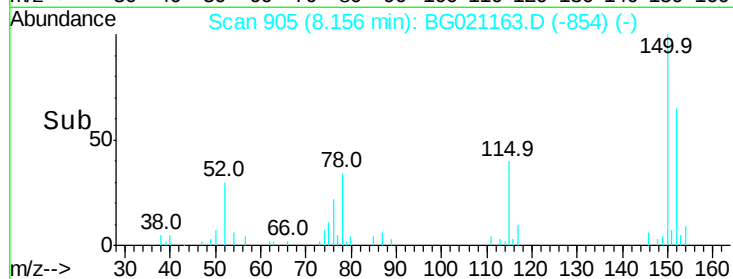
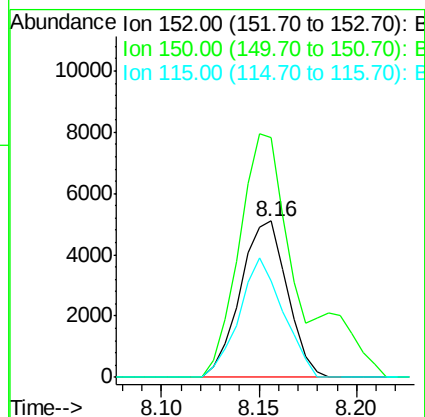
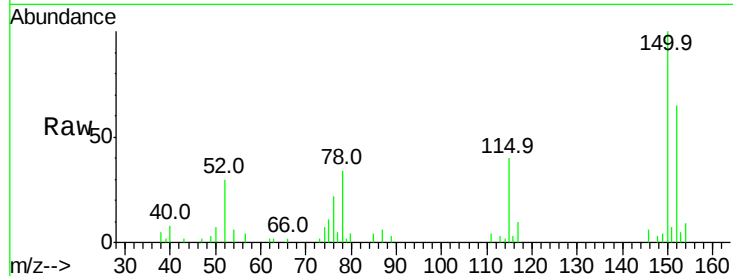
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.4	185.2
115	61.5	43.3	64.9

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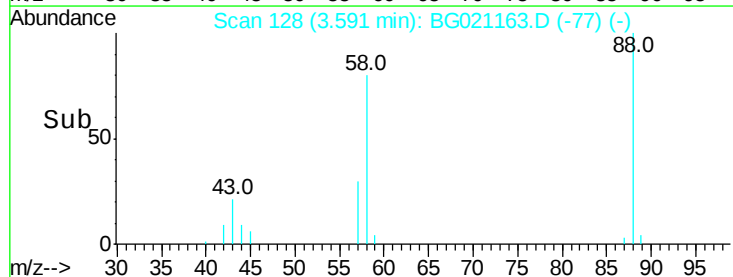
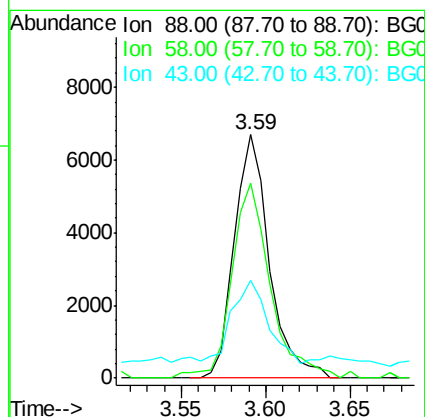
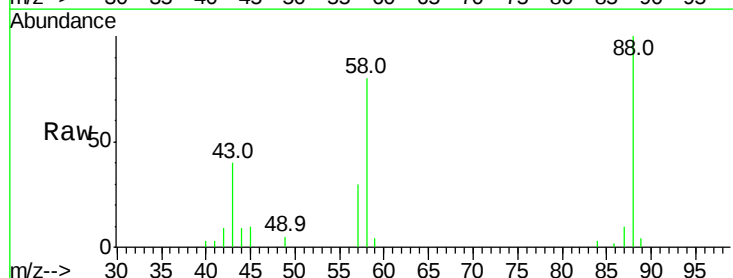
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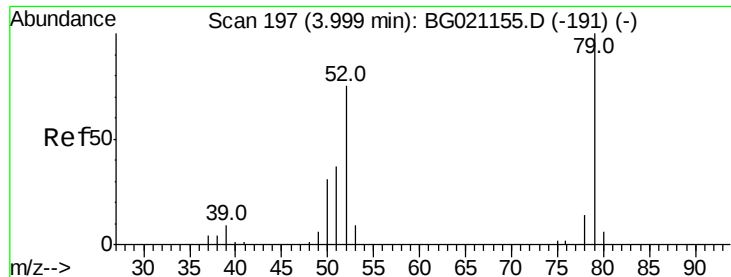


#2

1,4-Dioxane
Concen: 40.21 ng
RT: 3.59 min Scan# 128
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.6	55.9	83.9#
43	35.5	22.5	33.7#





#3

Pvridine

Concen: 42.65 ng

RT: 3.99 min Scan# 196

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

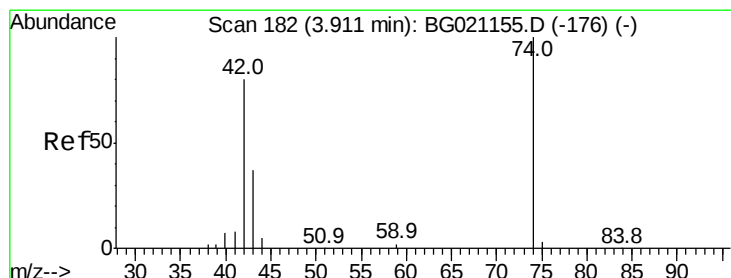
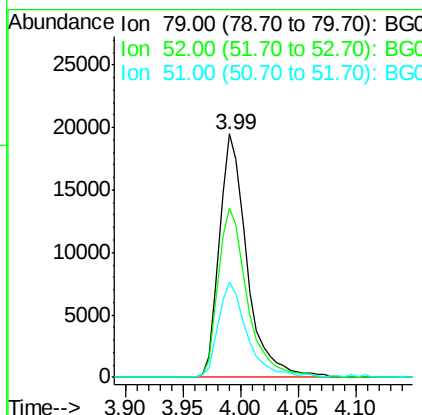
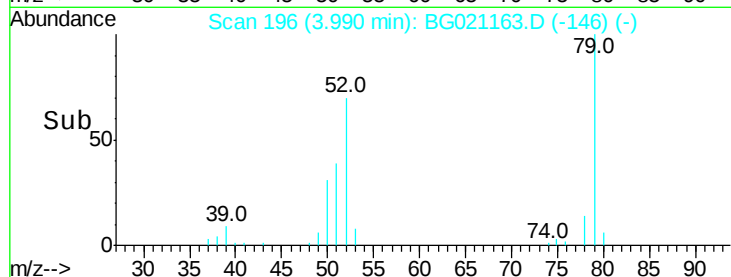
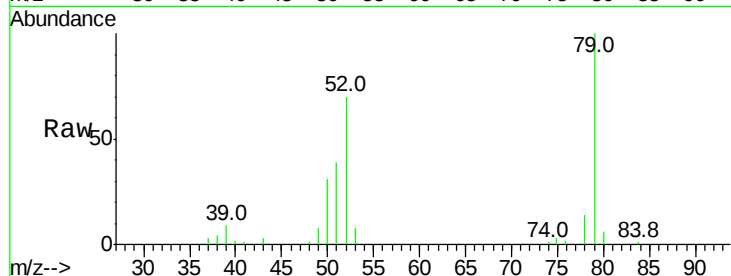
ClientSampleId :

CEB-6(12-14)20160224MS

Tot Ion:	79	Resp:	32307
Ion Ratio	Lower	Upper	
79	100		
52	69.6	53.2	79.8
51	39.1	26.1	39.1#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 46.66 ng

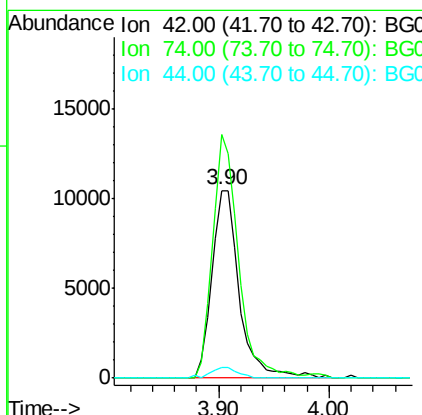
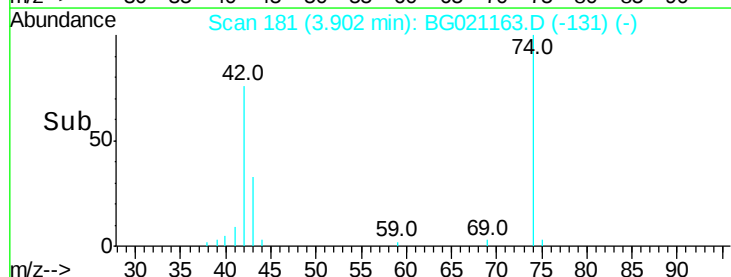
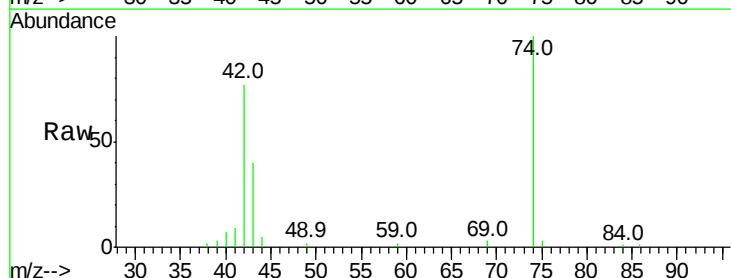
RT: 3.90 min Scan# 181

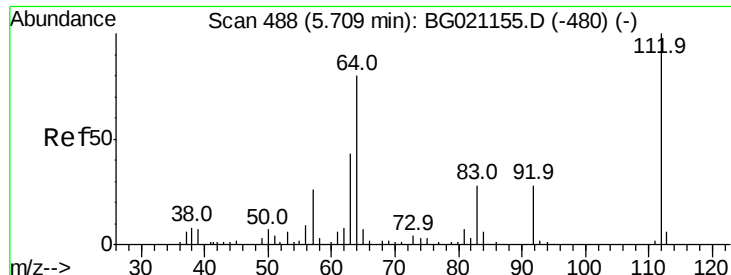
Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Tgt Ion:	42	Resp:	17804
Ion Ratio	Lower	Upper	
42	100		
74	129.9	102.3	153.5
44	6.0	4.8	7.2





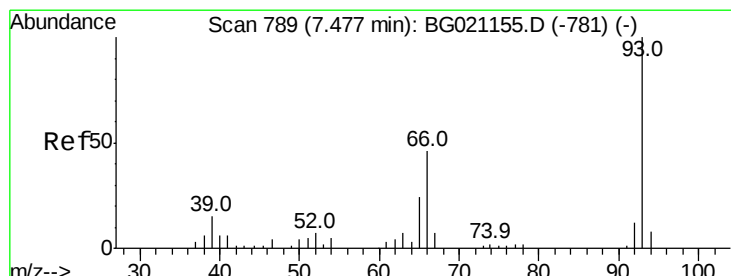
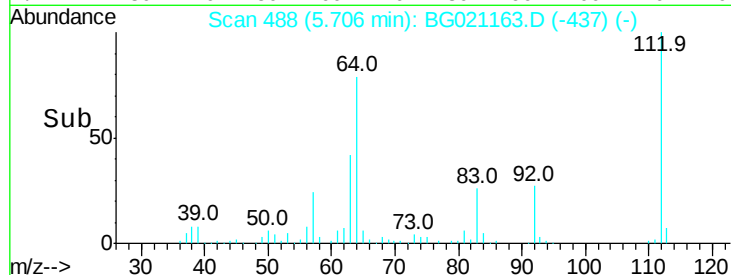
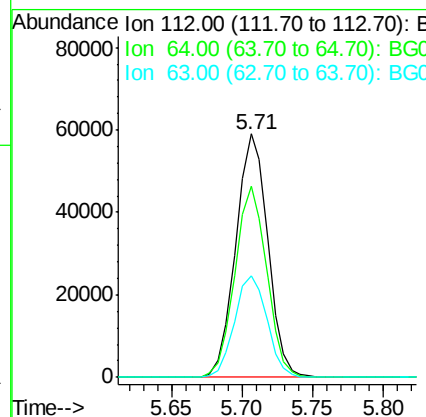
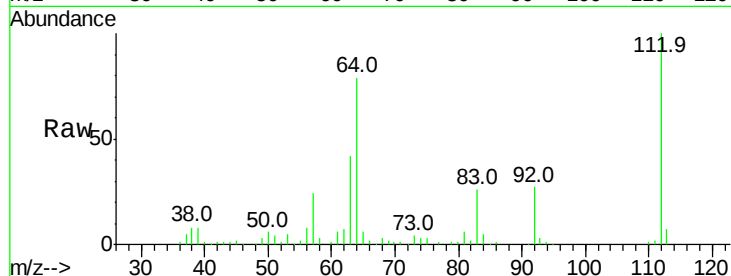
#5
 2-Fluorophenol
 Concen: 174.65 ng
 RT: 5.71 min Scan# 488
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

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 CEB-6(12-14)20160224MS

Tot Ion:	112	Resp:	93182
Ion Ratio	Lower	Upper	
112	100		
64	78.6	42.6	63.8#
63	41.9	21.7	32.5#

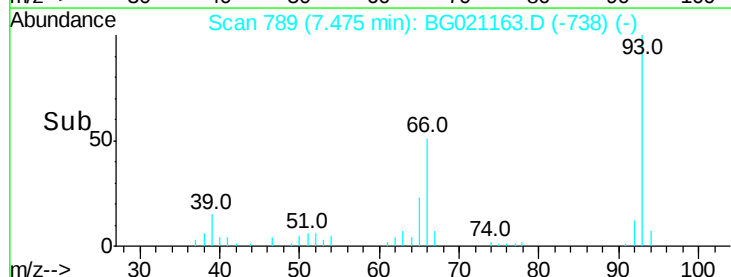
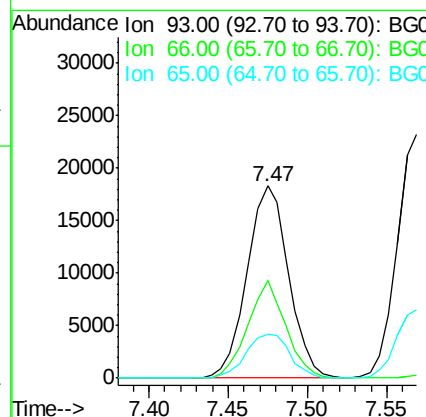
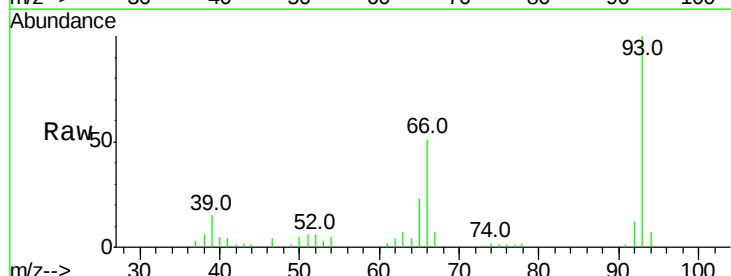
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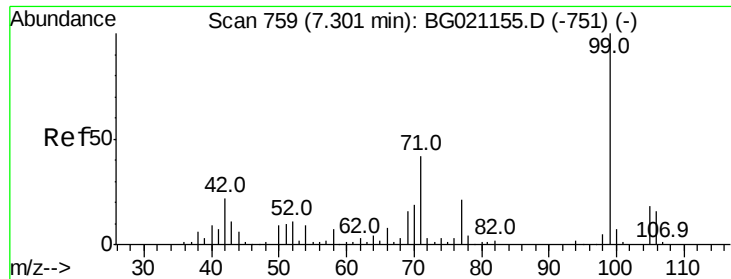
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#6
 Aniline
 Concen: 28.60 ng
 RT: 7.47 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Tgt Ion:	93	Resp:	33261
Ion Ratio	Lower	Upper	
93	100		
66	50.7	30.1	45.1#
65	23.1	16.6	24.8





#7

Phenol-d6

Concen: 173.03 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MS

Tot Ion: 99 Resp: 151806

Ion Ratio Lower Upper

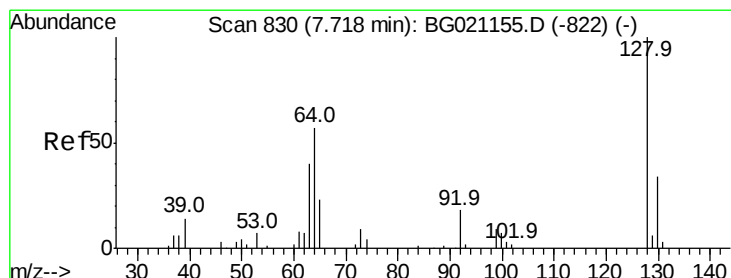
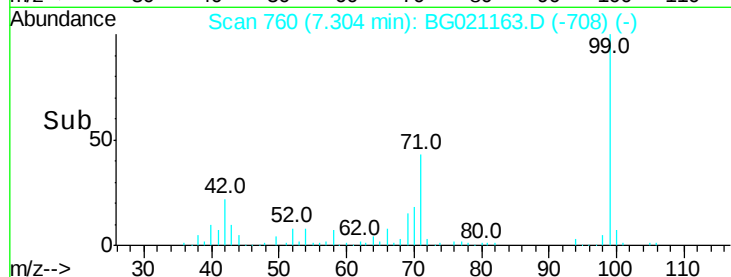
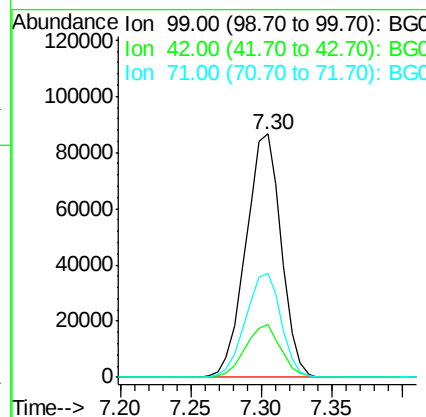
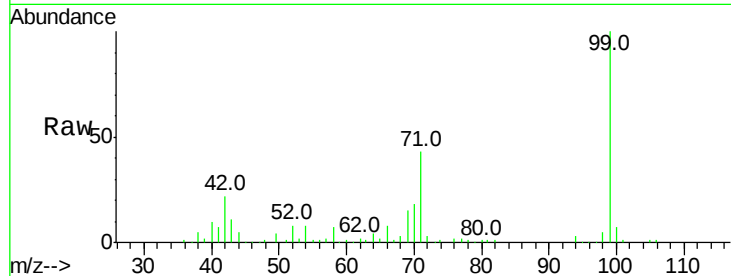
99 100

42 21.9 13.2 19.8#

71 42.8 25.2 37.8#

Manual Integrations
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#8

2-Chlorophenol

Concen: 55.66 ng

RT: 7.72 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

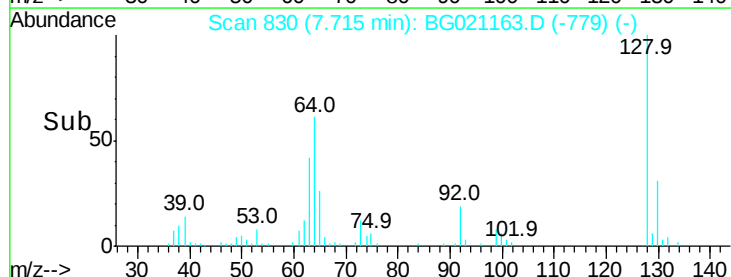
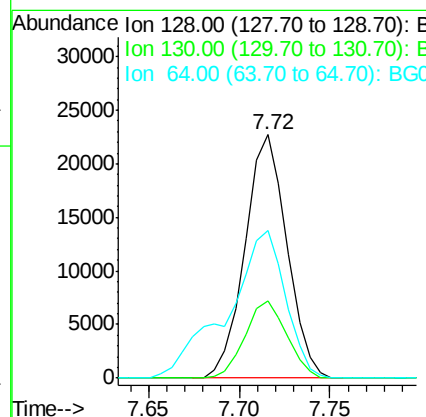
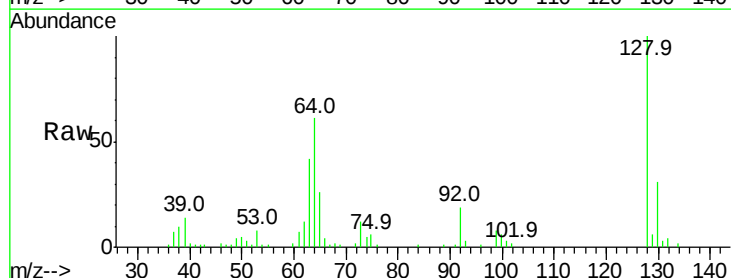
Tgt Ion: 128 Resp: 36407

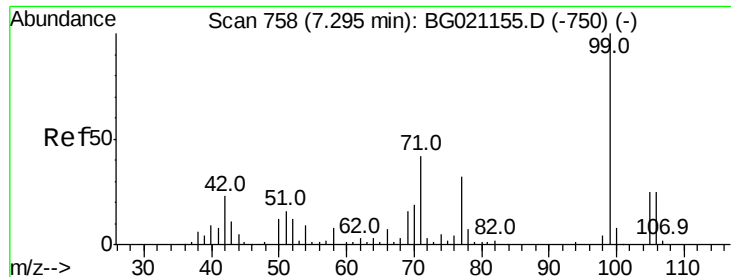
Ion Ratio Lower Upper

128 100

130 31.5 11.9 51.9

64 60.9 25.8 65.8





#9

Benzaldehyde

Concen: 12.05 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MS

Tot Ion: 77 Resp: 6606

Ion Ratio Lower Upper

77 100

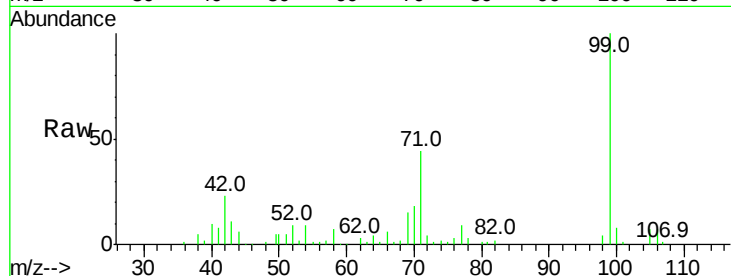
105 77.2 77.4 117.4#

106 84.6 72.8 112.8

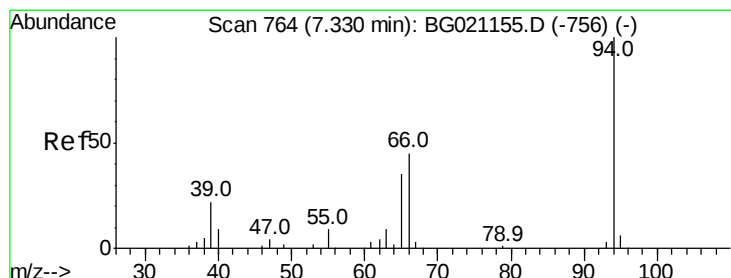
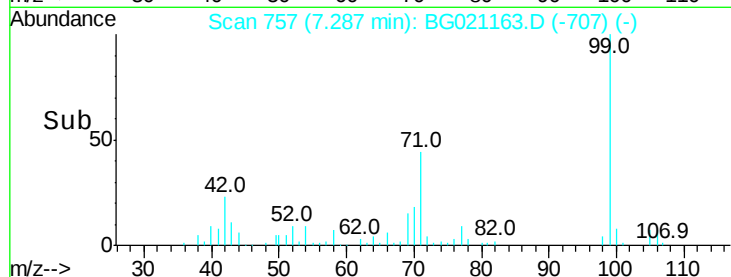
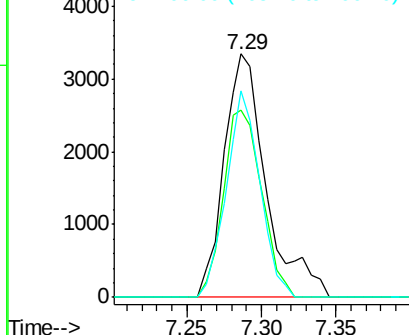
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 57.86 ng

RT: 7.33 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

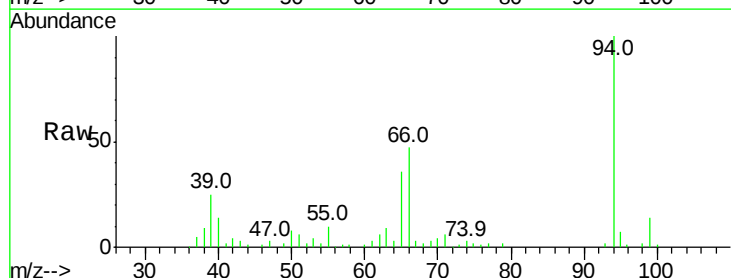
Tgt Ion: 94 Resp: 54110

Ion Ratio Lower Upper

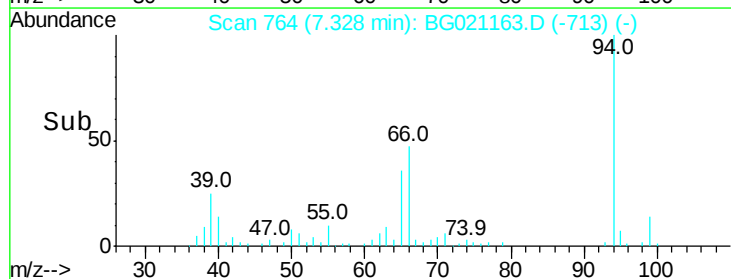
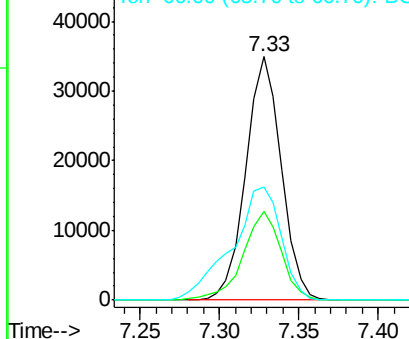
94 100

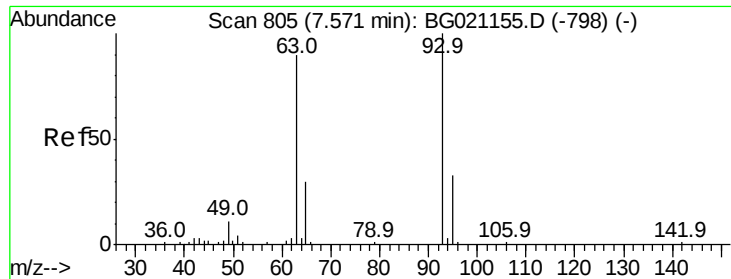
65 36.4 7.2 47.2

66 46.5 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: 50.27 ng

RT: 7.57 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

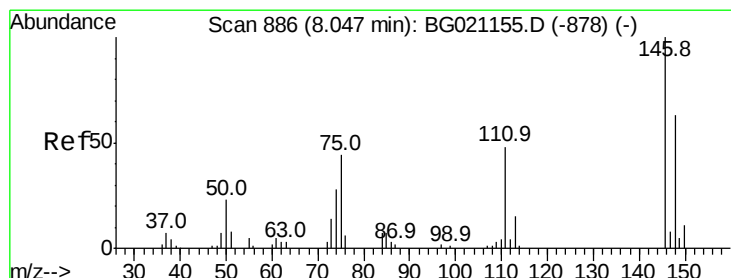
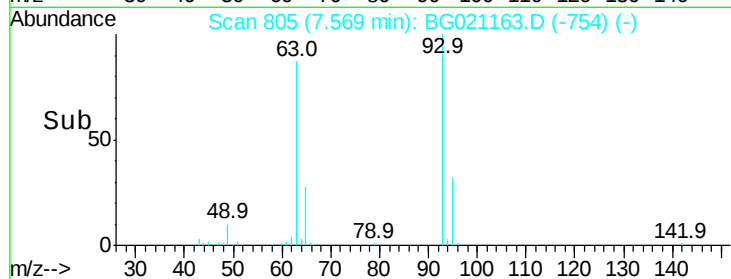
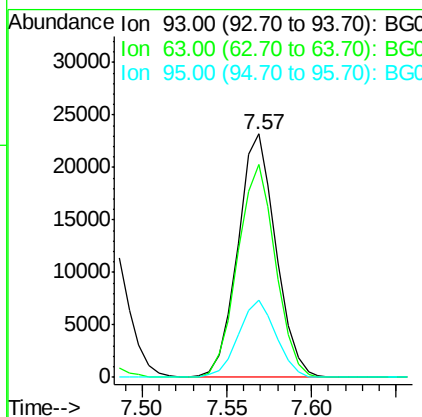
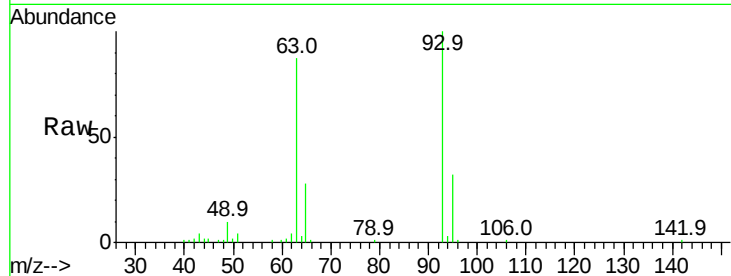
ClientSampleId :

CEB-6(12-14)20160224MS

Tot Ion:	93	Resp:	36236
Ion	Ratio	Lower	Upper
93	100		
63	87.4	60.5	100.5
95	31.8	14.6	54.6

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#12

1,3-Dichlorobenzene

Concen: 46.49 ng

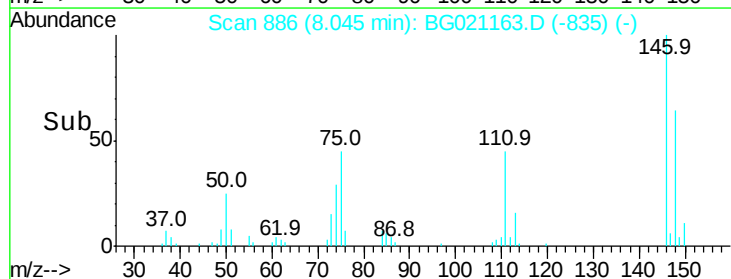
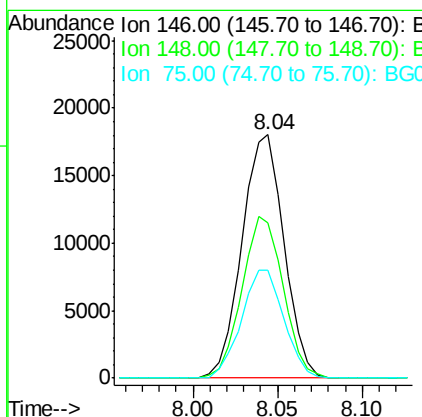
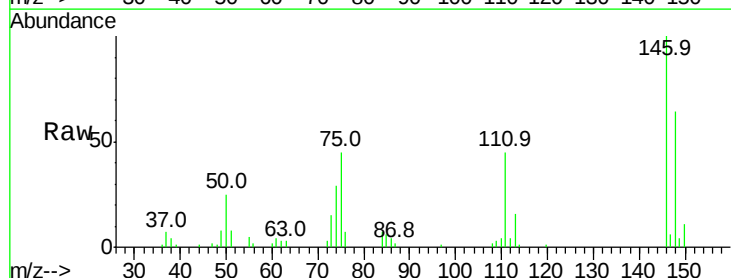
RT: 8.04 min Scan# 886

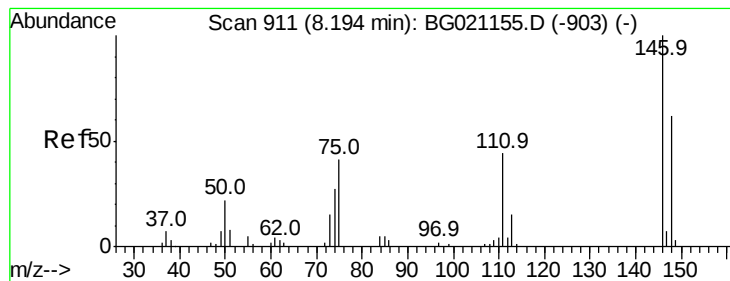
Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Tgt Ion:	146	Resp:	31179
Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.6	78.8
75	44.5	24.0	36.0#





#13

1,4-Dichlorobenzene

Concen: 47.20 ng

RT: 8.19 min Scan# 910

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

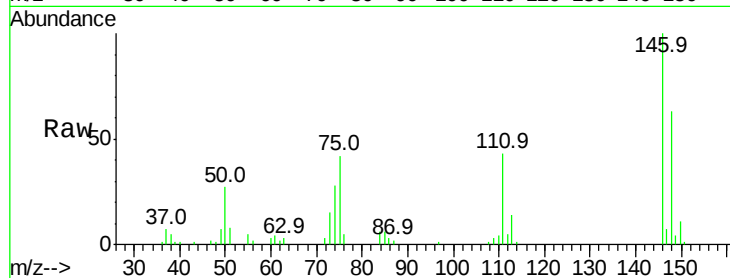
ClientSampleId :

CEB-6(12-14)20160224MS

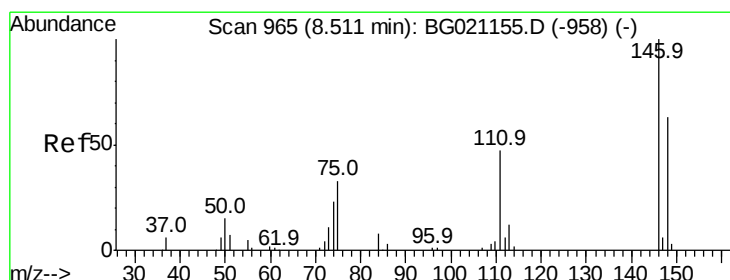
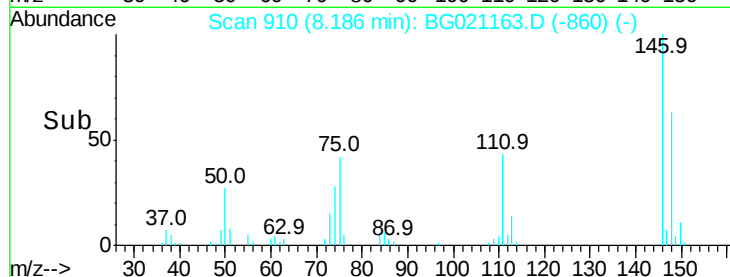
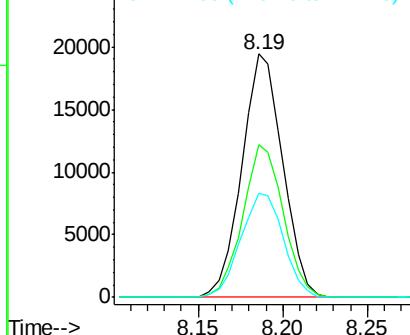
Tot Ion:	146	Resp:	32592
Ion Ratio	Lower	Upper	
146	100		
148	62.8	50.2	75.4
111	42.7	31.9	47.9

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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: 48.65 ng

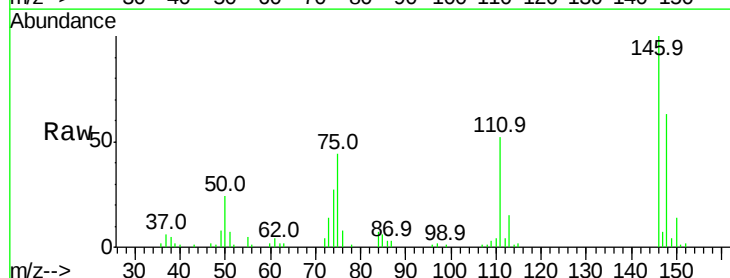
RT: 8.51 min Scan# 965

Delta R.T. -0.00 min

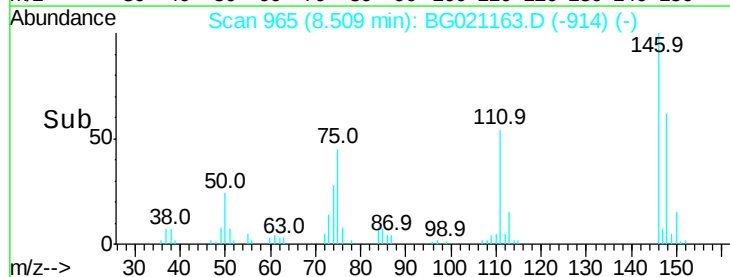
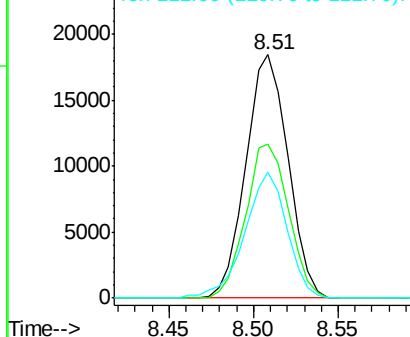
Lab File: BG021163.D

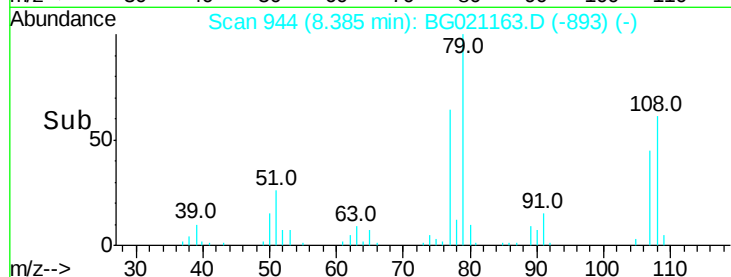
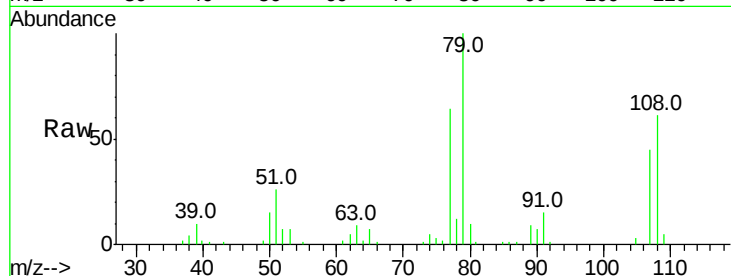
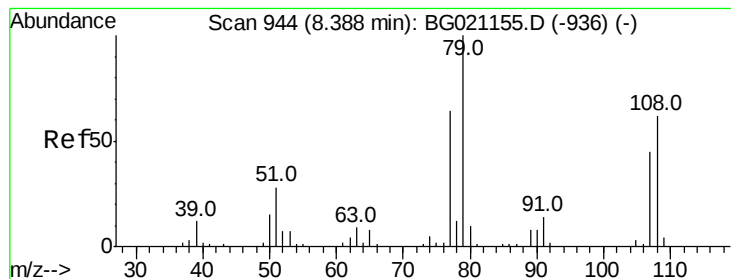
Acq: 29 Feb 2016 20:13

Tgt Ion:	146	Resp:	32036
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.5	75.7
111	51.8	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: 56.42 ng

RT: 8.39 min Scan# 944

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Tot Ion:	79	Resp:	45197
Ion Ratio	Lower	Upper	
79	100		
108	61.4	65.1	97.7#
77	64.1	53.8	80.8

Instrument :

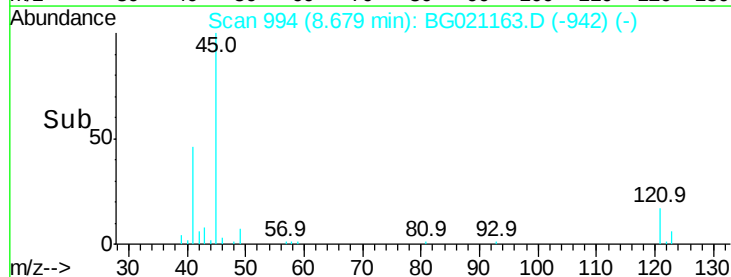
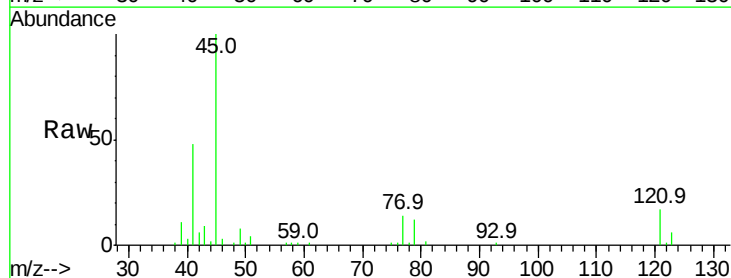
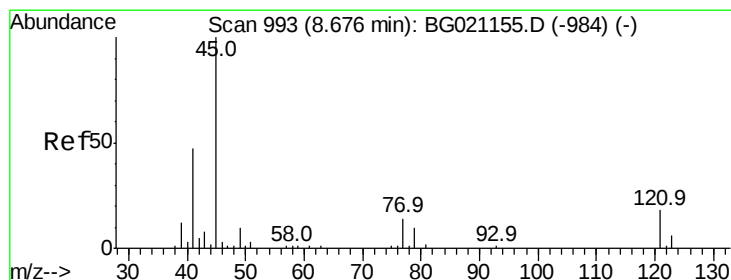
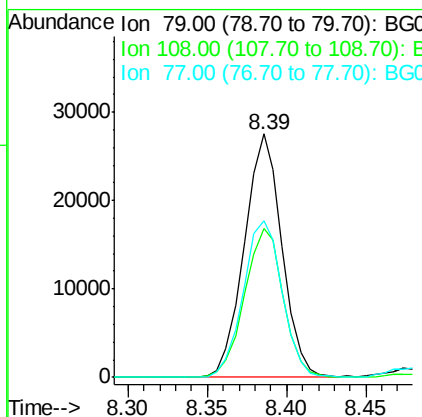
BNA_G

ClientSampleId :

CEB-6(12-14)20160224MS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.24 ng

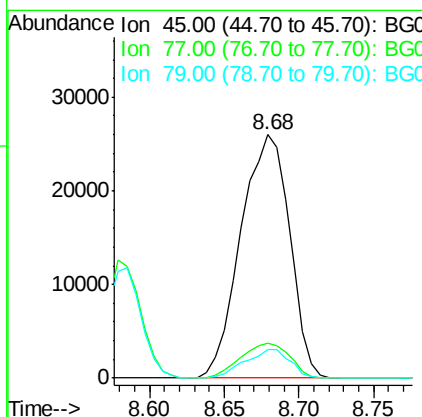
RT: 8.68 min Scan# 994

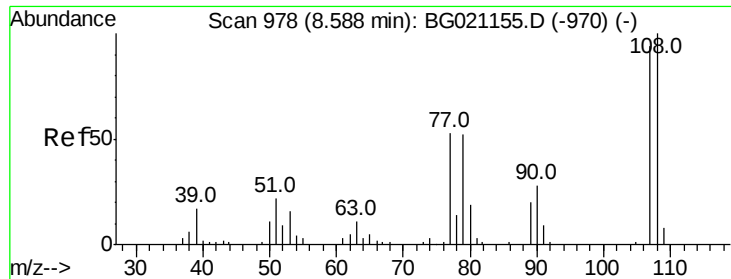
Delta R.T. 0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Tgt Ion:	45	Resp:	58782
Ion Ratio	Lower	Upper	
45	100		
77	14.3	0.0	33.3
79	11.9	0.0	29.6





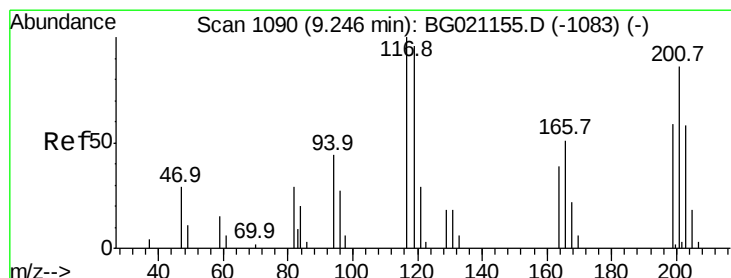
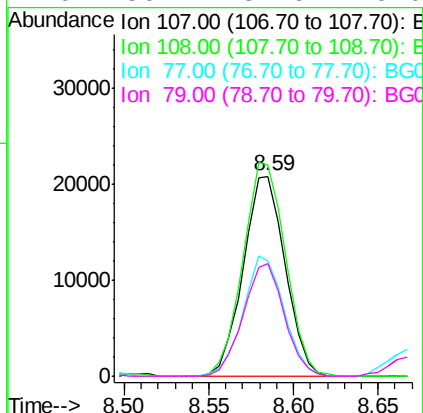
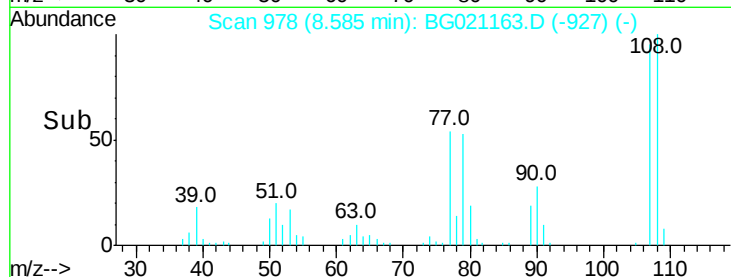
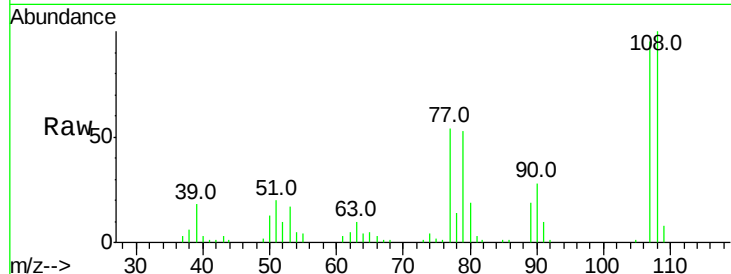
#17
2-Methylphenol
Concen: 55.37 ng
RT: 8.59 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.6	88.8	133.2
77	57.3	38.0	57.0
79	56.4	32.6	49.0

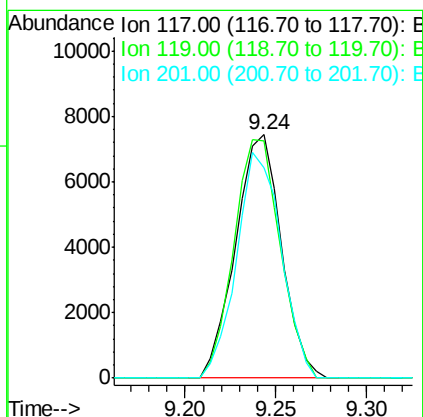
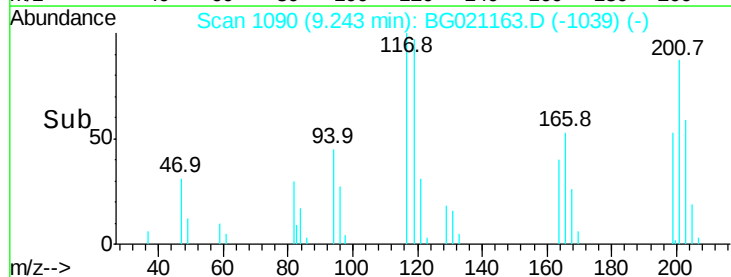
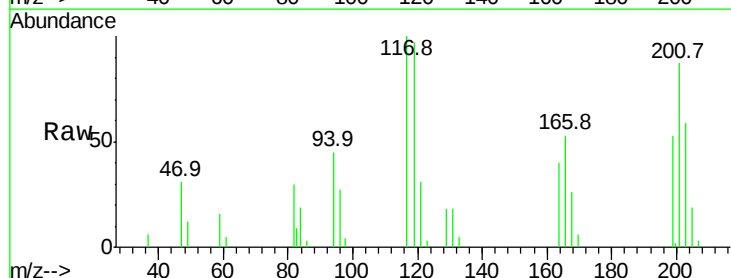
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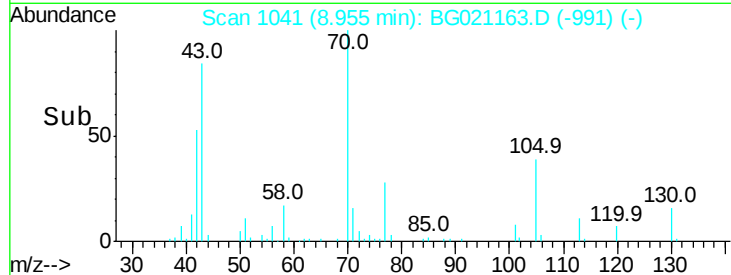
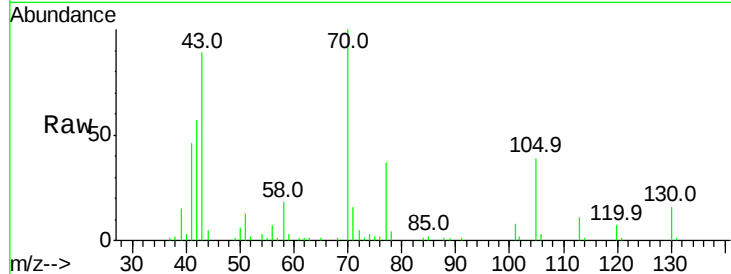
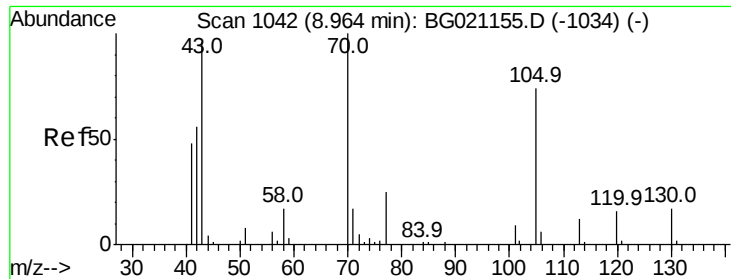
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#18
Hexachloroethane
Concen: 45.30 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	74.5	111.7
201	86.6	68.2	102.4





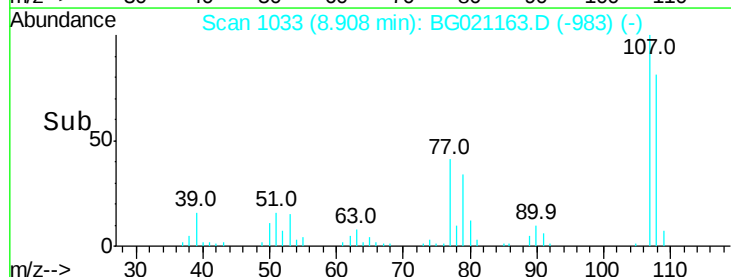
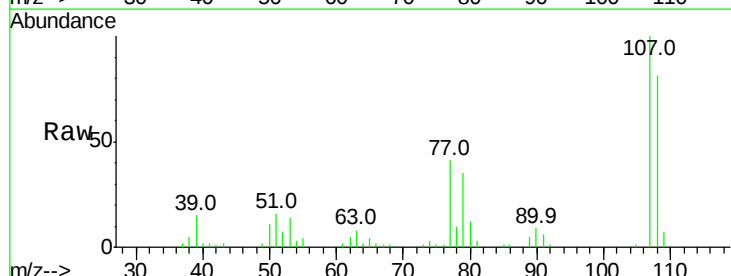
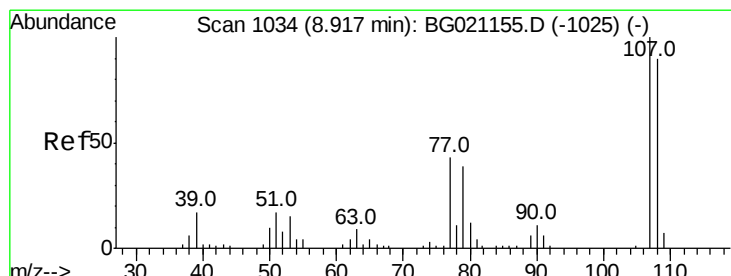
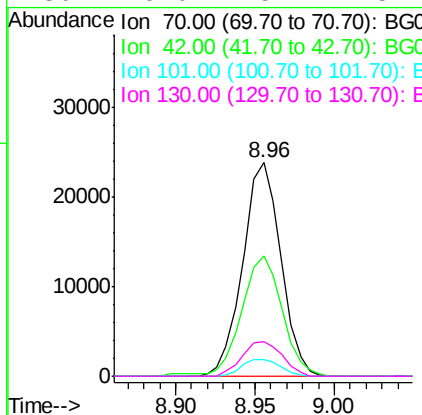
#19
n-Nitroso-di-n-propylamine
Concen: 49.00 ng
RT: 8.96 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		39719		
42	56.6	48.8	73.2		
101	7.7	8.5	12.7		
130	16.0	15.4	23.2		

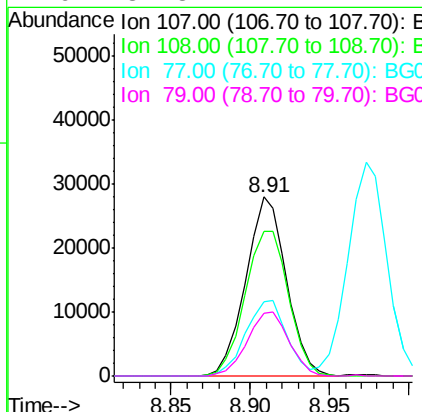
Manual Integrations
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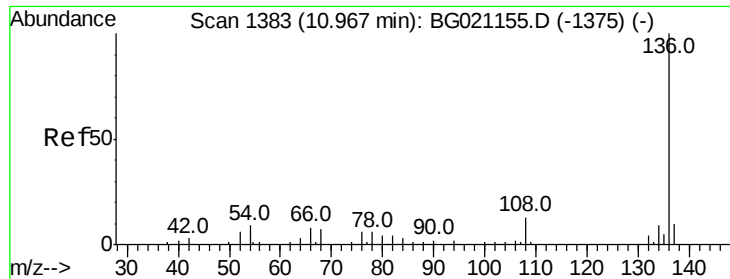
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#20
3+4-Methylphenols
Concen: 54.18 ng
RT: 8.91 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		49657		
108	81.1	67.6	107.6		
77	41.4	14.4	54.4		
79	34.8	7.7	47.7		





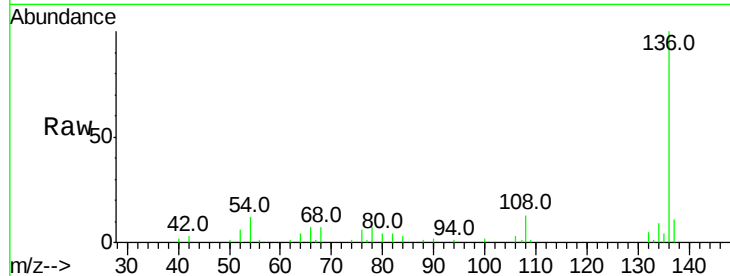
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

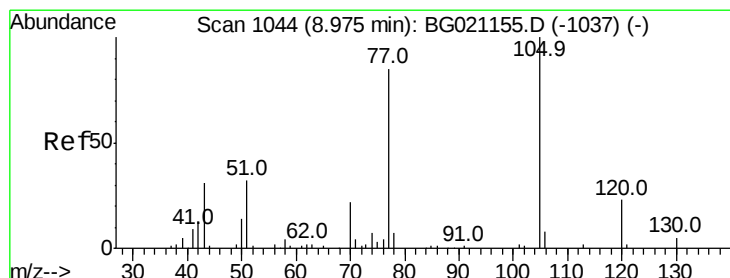
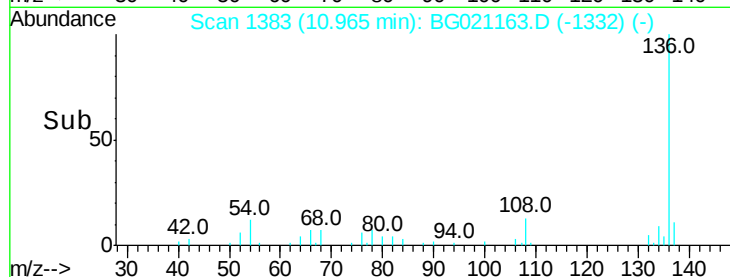
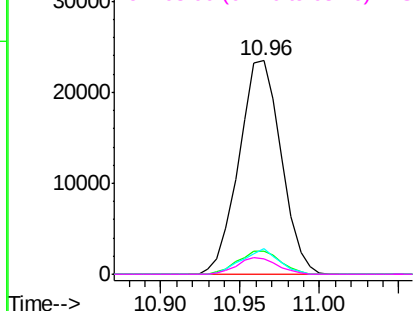
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.8	13.2	
54	11.8	6.9	10.3	
68	7.1	5.8	8.6	

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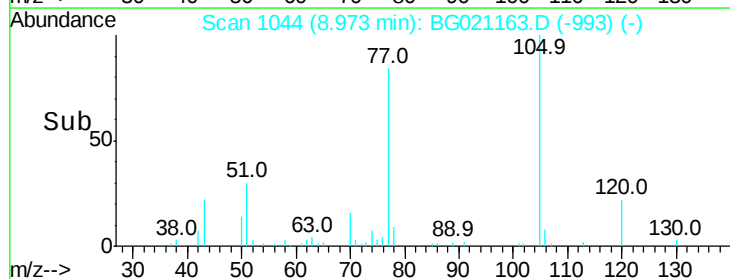
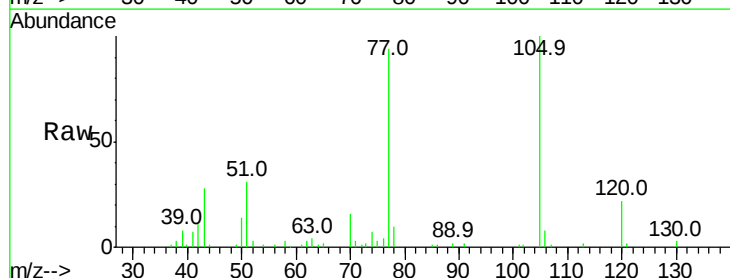
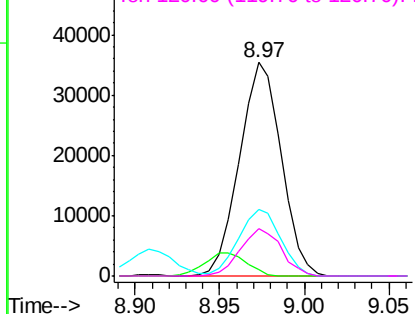
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

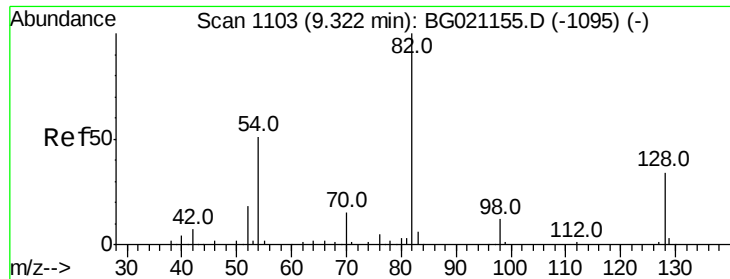


#22
Acetophenone
Concen: 47.18 ng
RT: 8.97 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.1	0.0	0.0	
51	31.4	21.4	32.2	
120	22.4	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





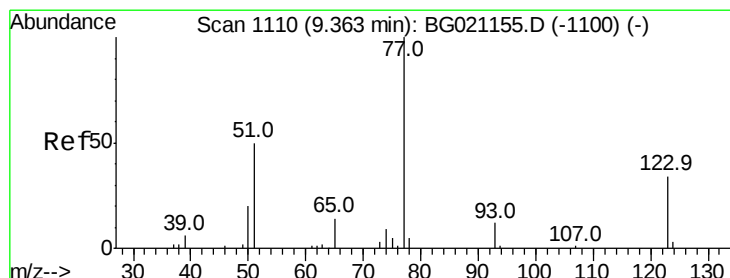
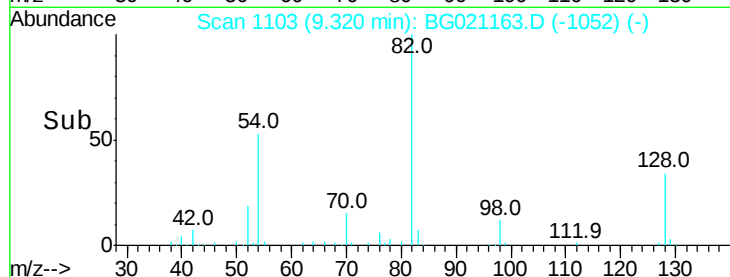
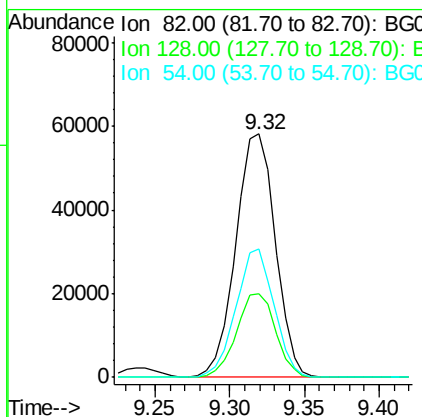
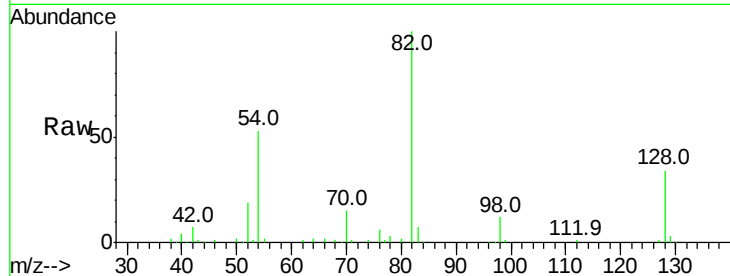
#23
 Nitrobenzene-d5
 Concen: 104.24 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 CEB-6(12-14)20160224MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.1	36.3	54.5#	
54	52.6	37.6	56.4	

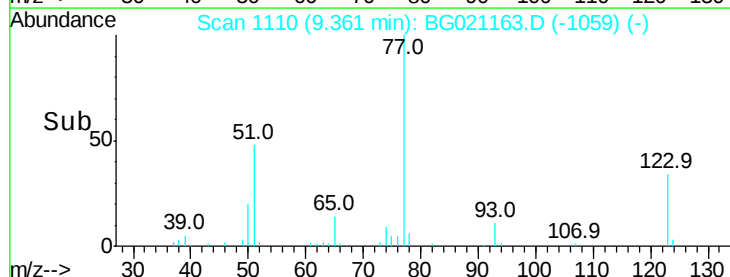
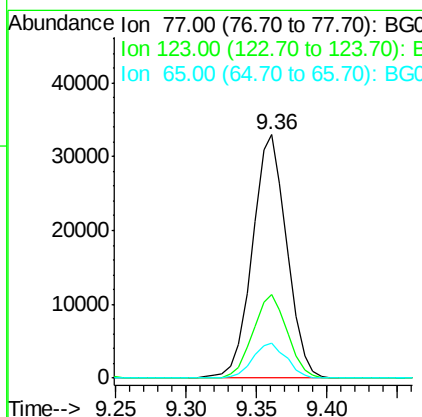
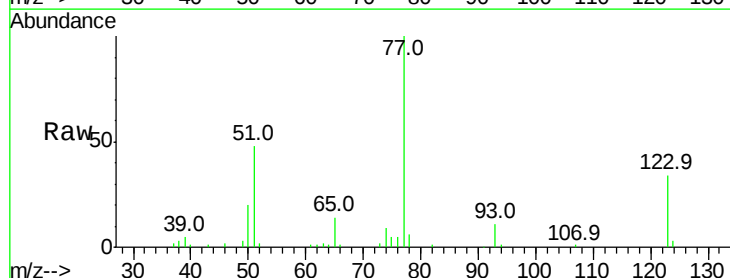
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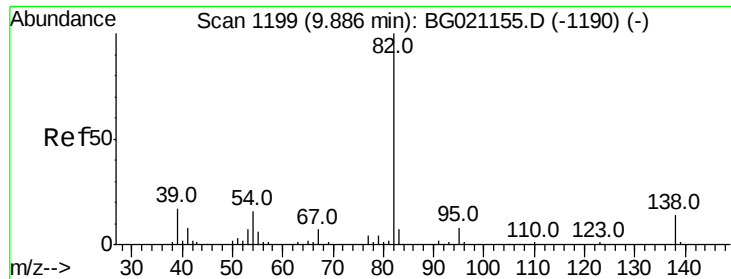
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#24
 Nitrobenzene
 Concen: 50.15 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	34.5	35.8	53.6#	
65	14.1	10.6	16.0	





#25

Isophorone

Concen: 48.74 ng

RT: 9.88 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

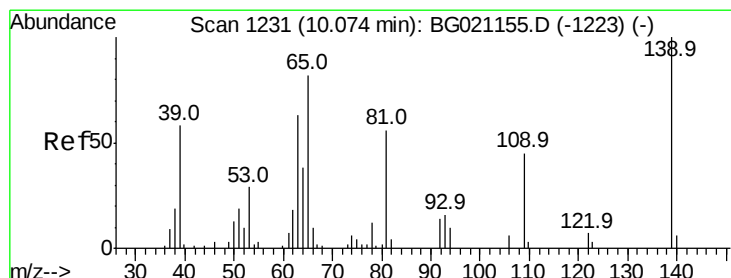
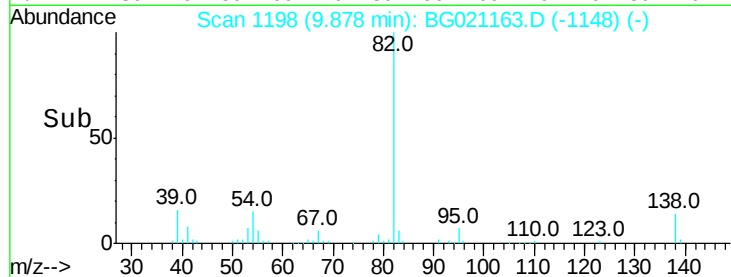
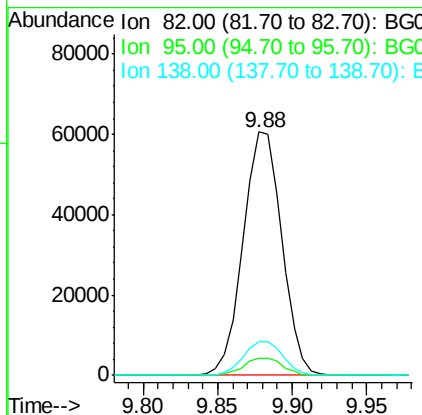
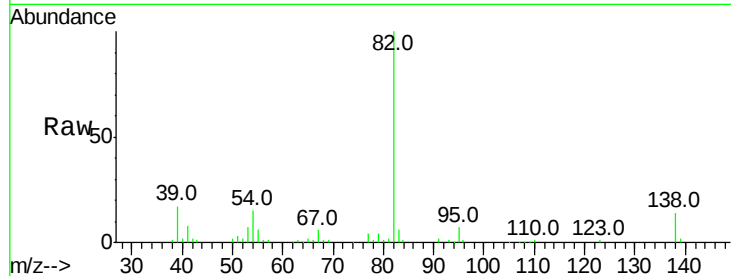
ClientSampleId :

CEB-6(12-14)20160224MS

Tot Ion:	82	Resp:	108402
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.0
138	14.0	13.4	20.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.67 ng

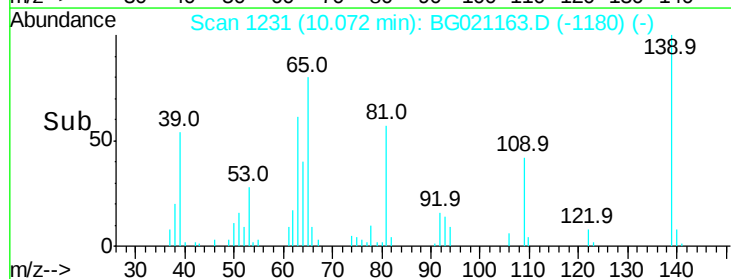
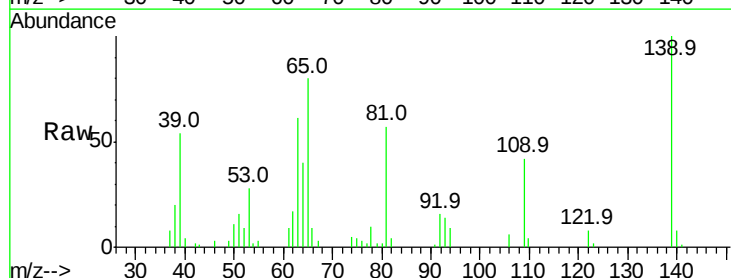
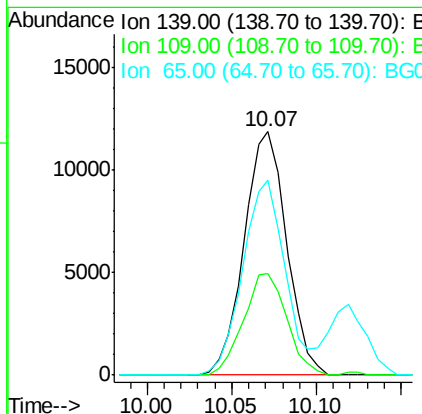
RT: 10.07 min Scan# 1231

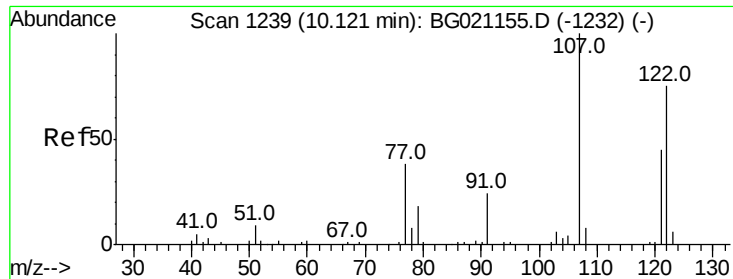
Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Tgt Ion:	139	Resp:	20673
Ion Ratio	Lower	Upper	
139	100		
109	41.6	21.4	32.0#
65	80.0	37.8	56.8#





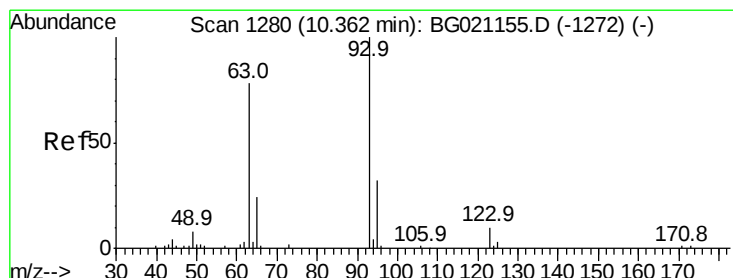
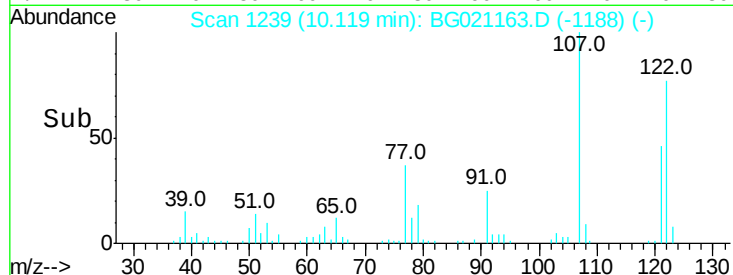
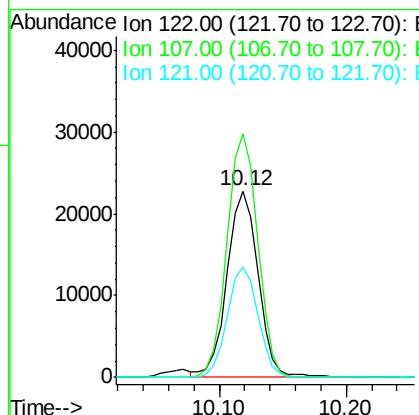
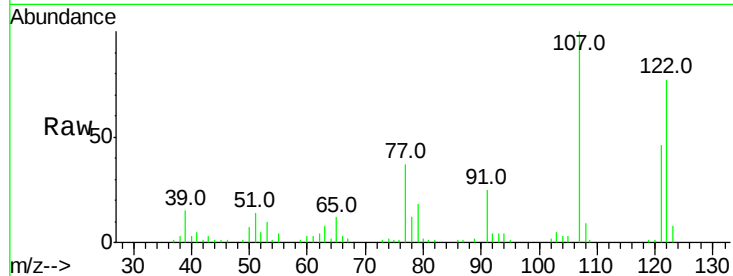
#27
 2,4-Dimethylphenol
 Concen: 52.82 ng
 RT: 10.12 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 CEB-6(12-14)20160224MS

Tot Ion:	122	Resp:	38663
Ion Ratio	Lower	Upper	
122	100		
107	130.5	94.1	141.1
121	59.4	45.9	68.9

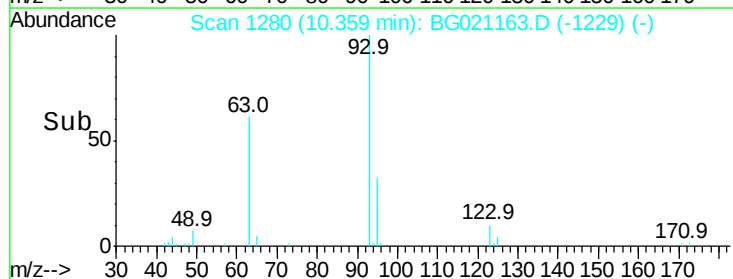
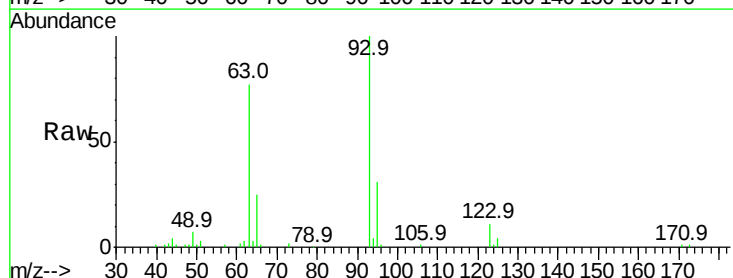
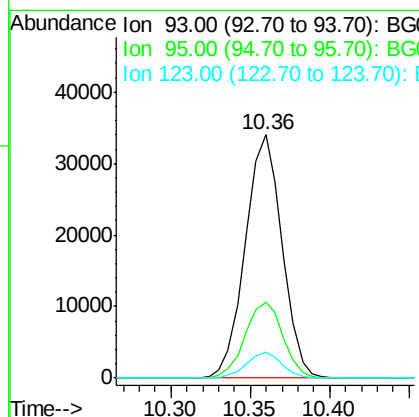
Manual Integrations
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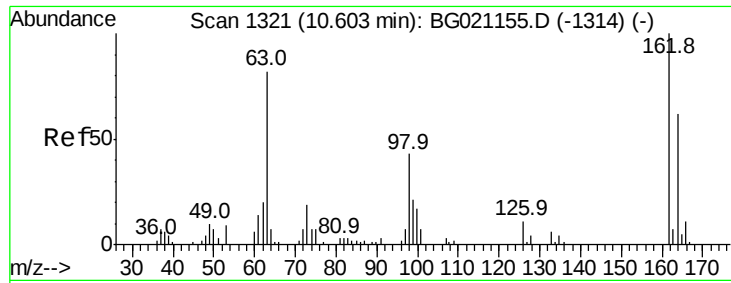
Sohil
 3/1/2016 3:01:46 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.93 ng
 RT: 10.36 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Tgt Ion:	93	Resp:	54657
Ion Ratio	Lower	Upper	
93	100		
95	31.2	24.2	36.2
123	10.5	9.0	13.6





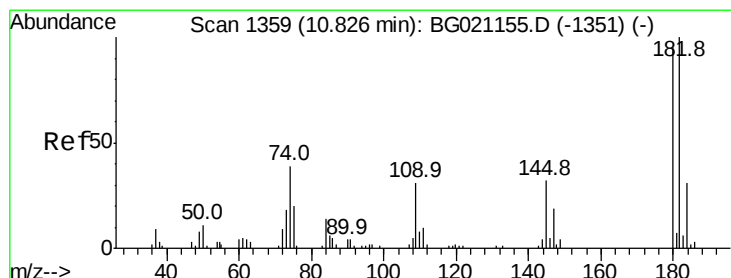
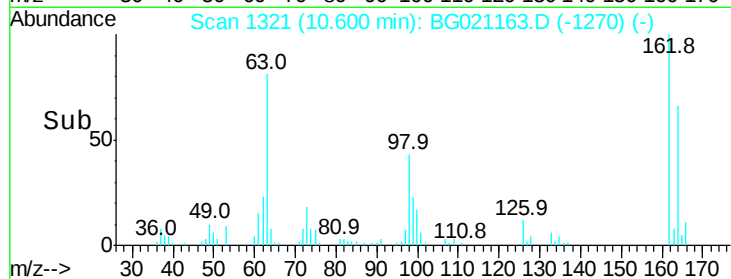
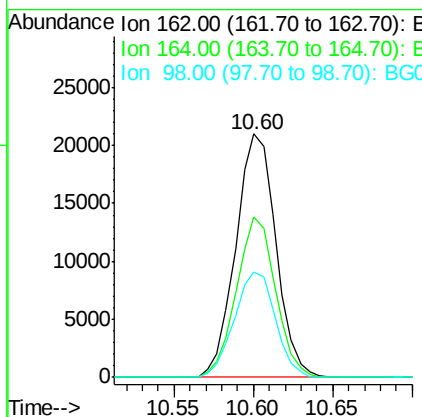
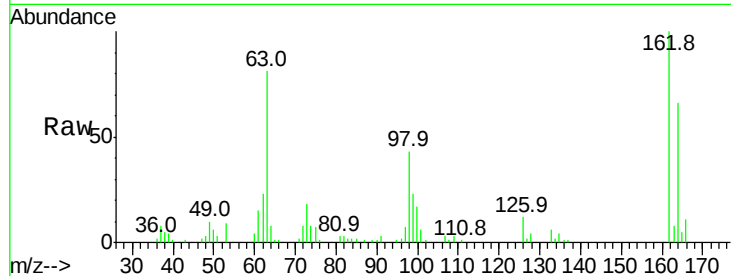
#29
 2,4-Dichlorophenol
 Concen: 55.97 ng
 RT: 10.60 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 CEB-6(12-14)20160224MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	36905		
164	65.8	43.7	83.7	
98	43.3	18.3	58.3	

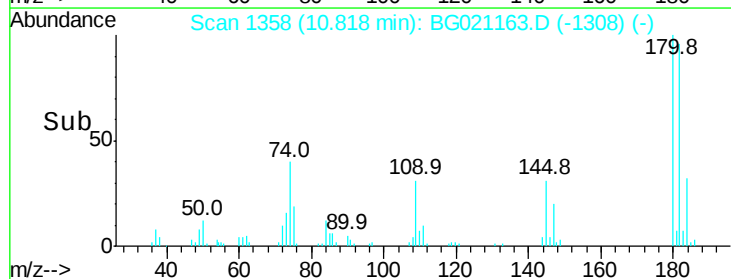
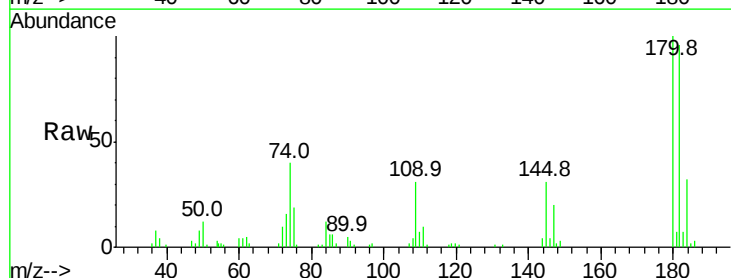
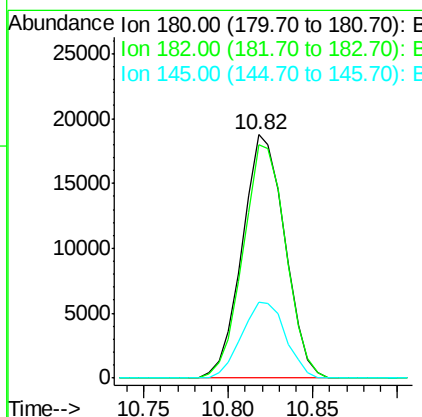
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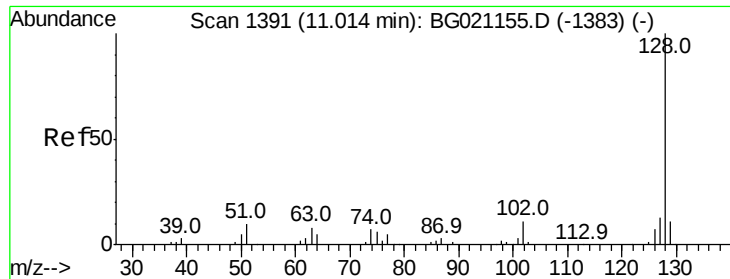
Sohil
 3/1/2016 3:01:46 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 49.45 ng
 RT: 10.82 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	32885		
182	95.9	77.4	116.0	
145	31.3	25.7	38.5	





#31

Naphthalene

Concen: 49.87 ng

RT: 11.01 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

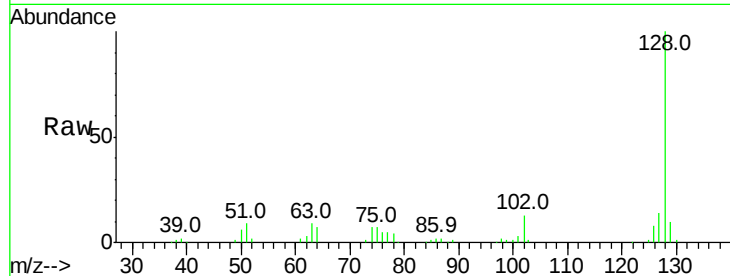
ClientSampleId :

CEB-6(12-14)20160224MS

Tot Ion:	128	Resp:	112903
Ion Ratio	Lower	Upper	
128	100		
129	10.4	9.4	14.2
127	13.8	10.8	16.2

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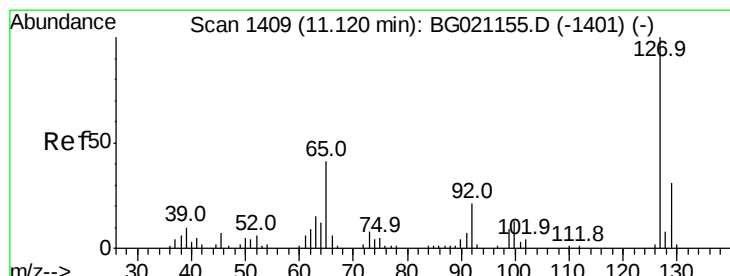
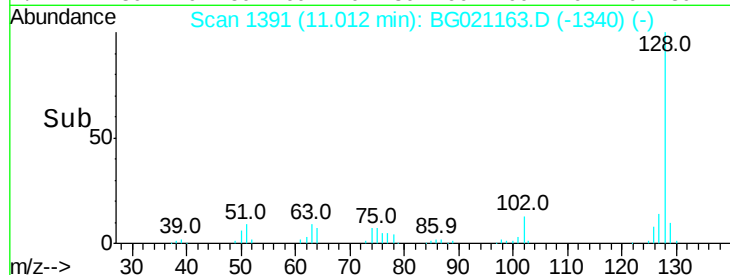
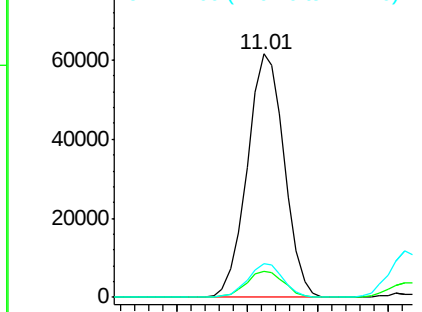


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 20.18 ng

RT: 11.11 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Tgt Ion:	127	Resp:	21073
Ion Ratio	Lower	Upper	
127	100		
129	32.7	26.2	39.2
65	41.7	22.9	34.3#
92	21.2	15.0	22.6

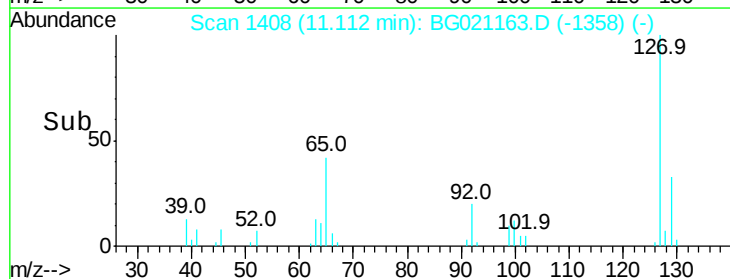
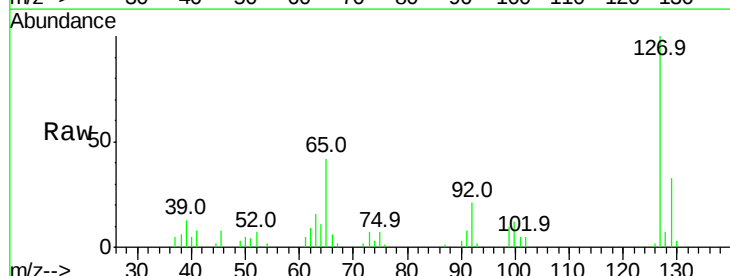
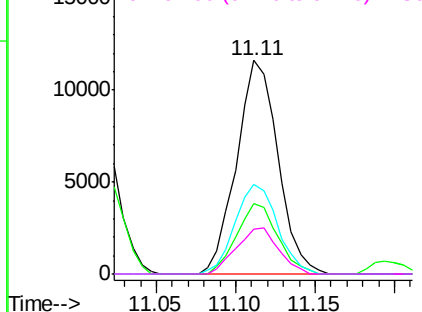
Abundance

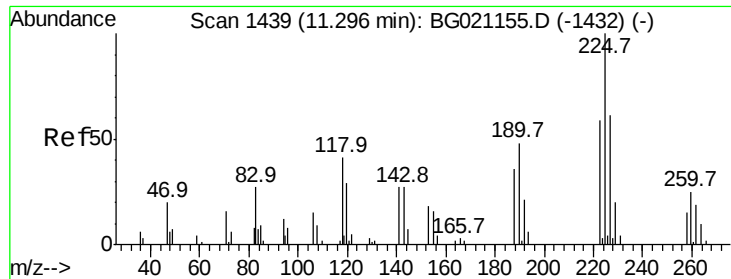
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





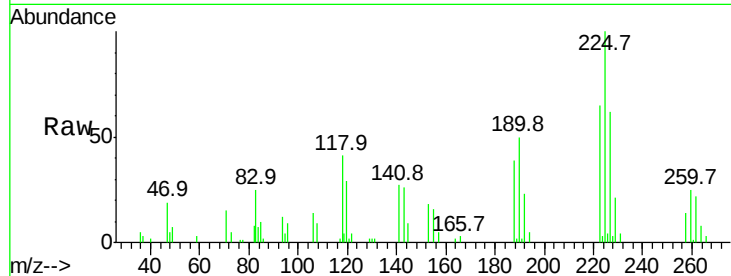
#34
Hexachlorobutadiene
Concen: 47.80 ng
RT: 11.29 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

Tot Ion	Ratio	Resp	Lower	Upper
225	100	19354		
223	62.5	54.6	82.0	
227	63.3	54.6	81.8	

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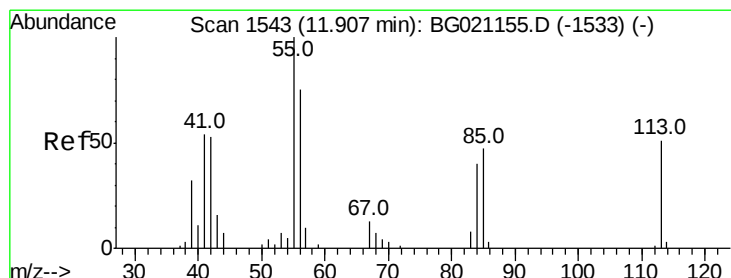
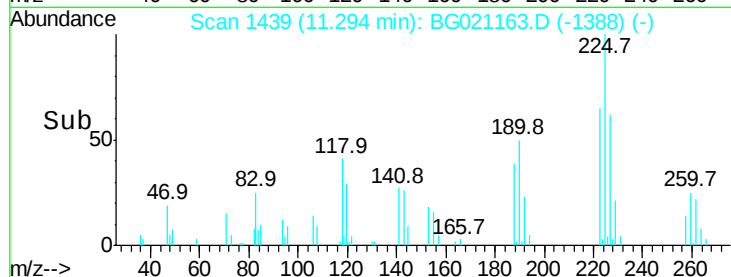
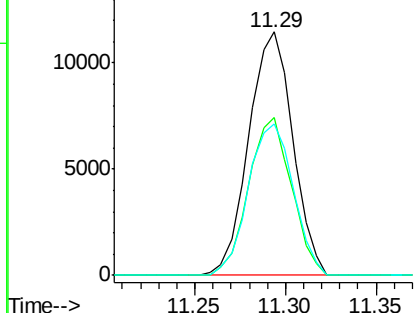


Abundance

Ion 225.00 (224.70 to 225.70): E

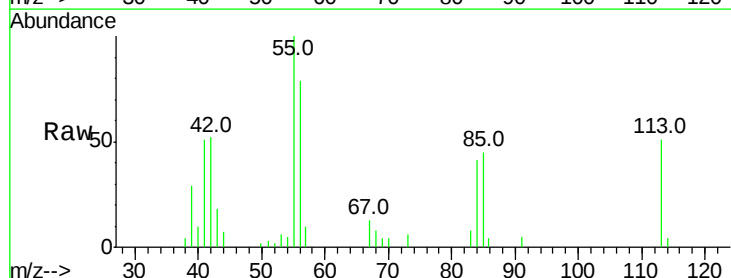
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 53.66 ng m
RT: 11.89 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	17251		
55	197.0	155.2	195.2#	
56	156.5	94.0	134.0#	

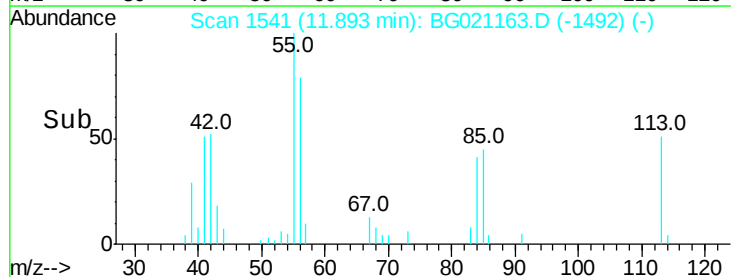
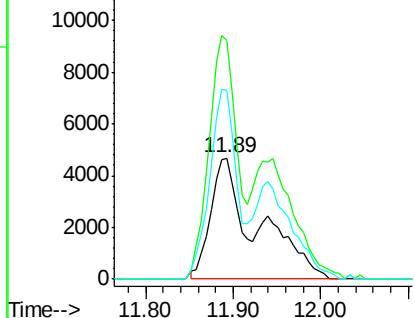


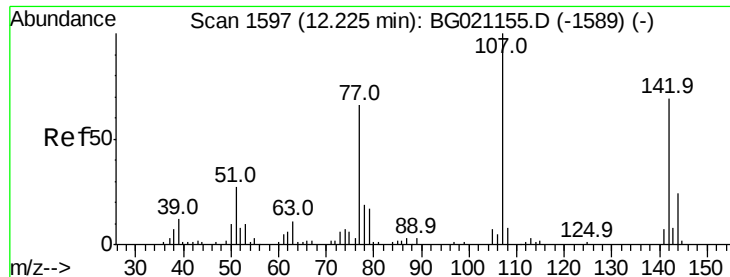
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG





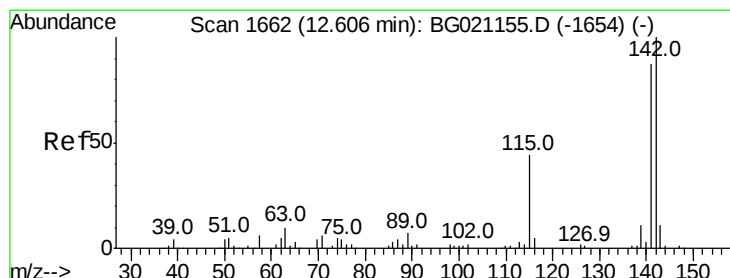
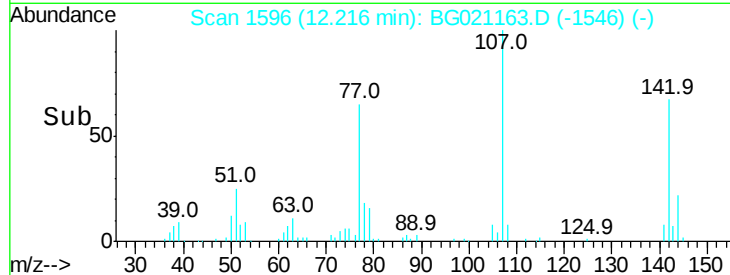
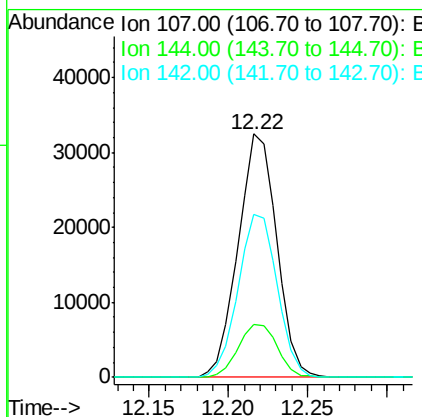
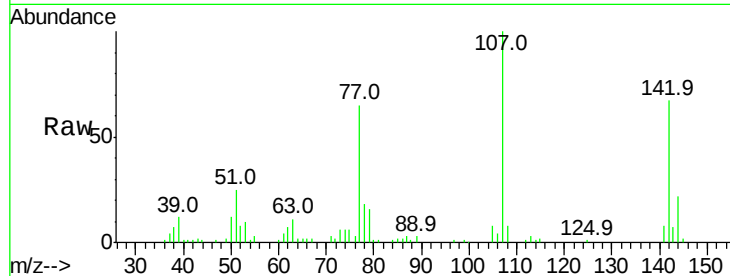
#36
 4-Chloro-3-methylphenol
 Concen: 54.90 ng
 RT: 12.22 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 CEB-6(12-14)20160224MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	21.7	21.8	32.8#
142	66.7	65.6	98.4

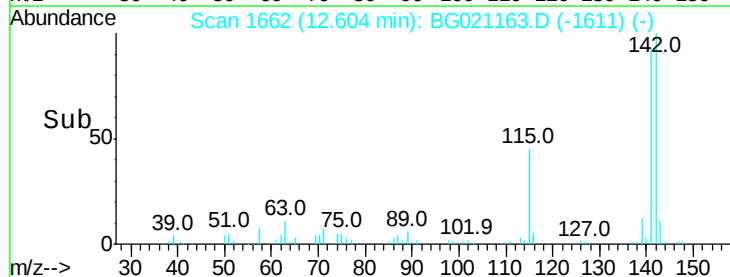
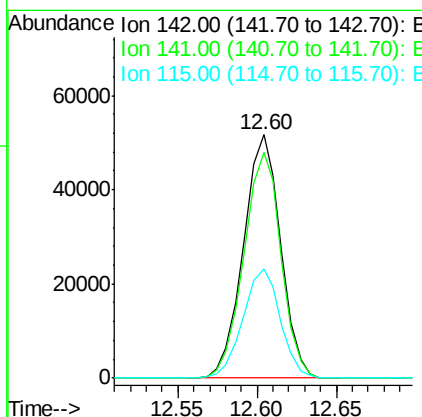
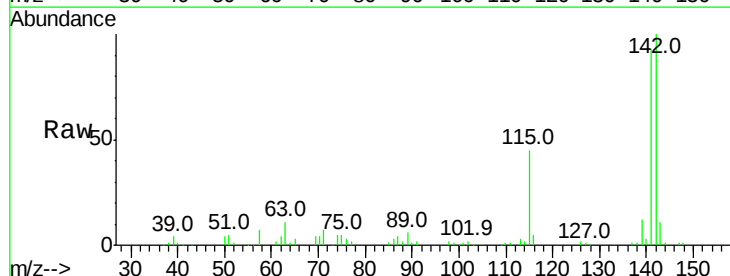
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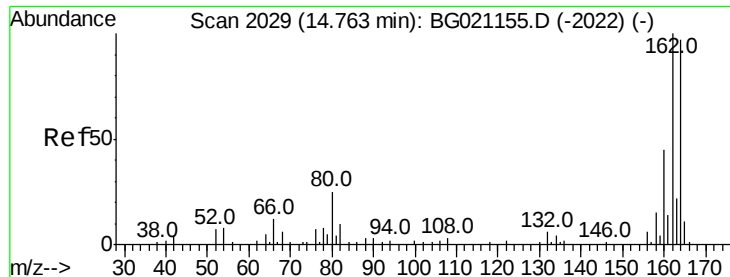
Sohil
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#37
 2-Methylnaphthalene
 Concen: 52.09 ng
 RT: 12.60 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	71.7	107.5
115	44.9	26.2	39.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

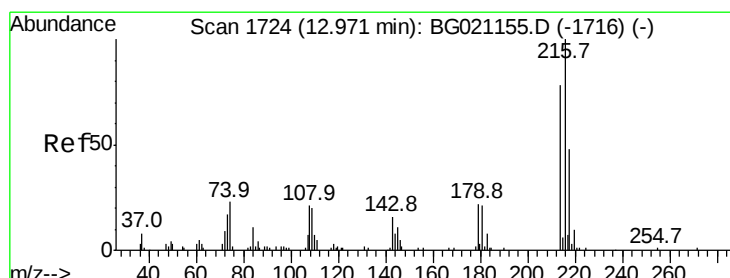
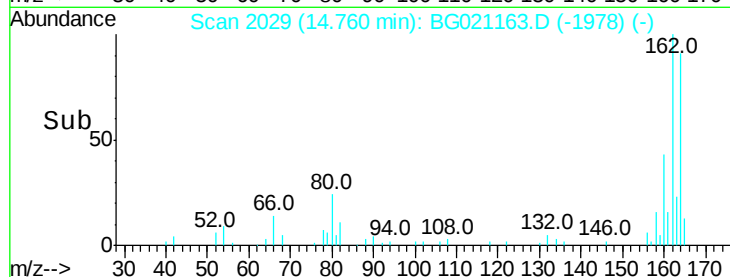
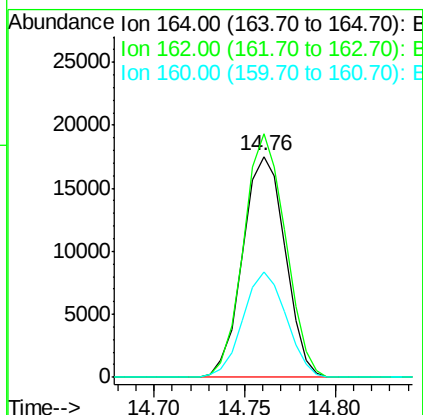
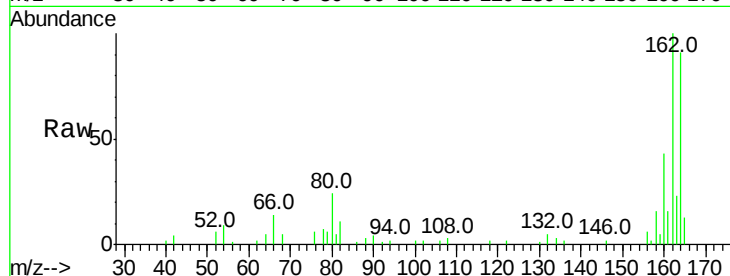
ClientSampleId :

CEB-6(12-14)20160224MS

Tot Ion:	164	Resp:	28580
Ion Ratio	Lower	Upper	
164	100		
162	110.4	80.6	120.8
160	47.5	36.5	54.7

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.67 ng

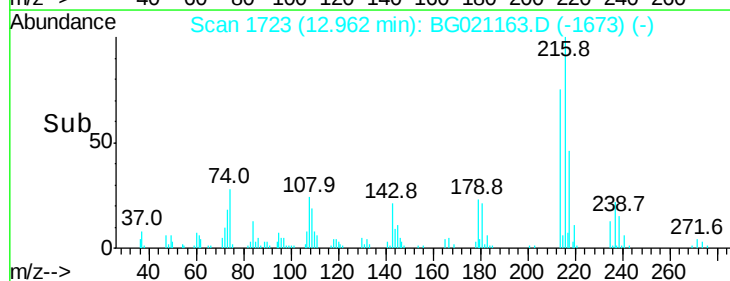
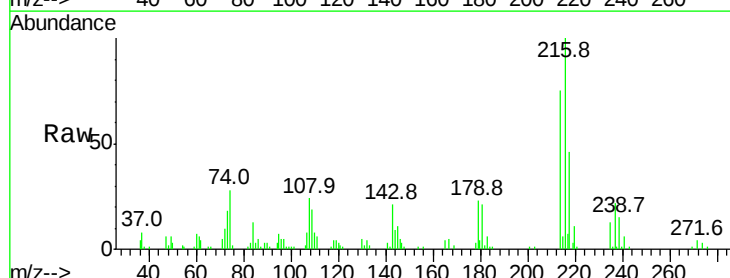
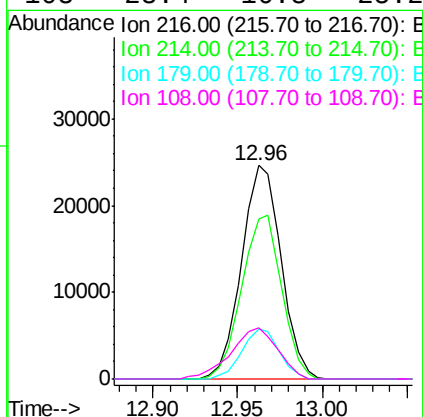
RT: 12.96 min Scan# 1723

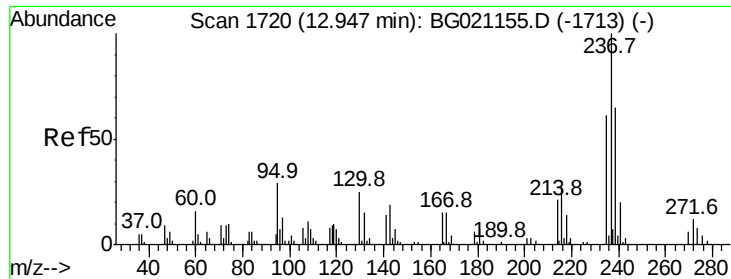
Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Tgt Ion:	216	Resp:	40053
Ion Ratio	Lower	Upper	
216	100		
214	77.5	63.5	95.3
179	22.2	17.4	26.0
108	28.4	16.8	25.2#





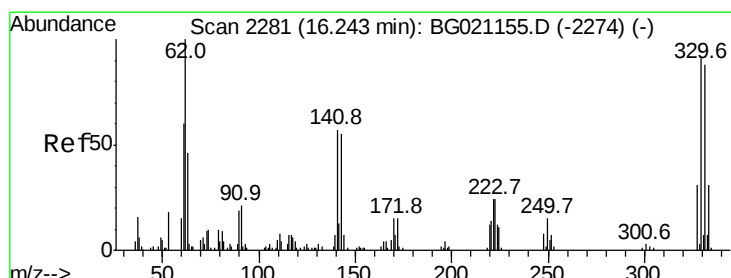
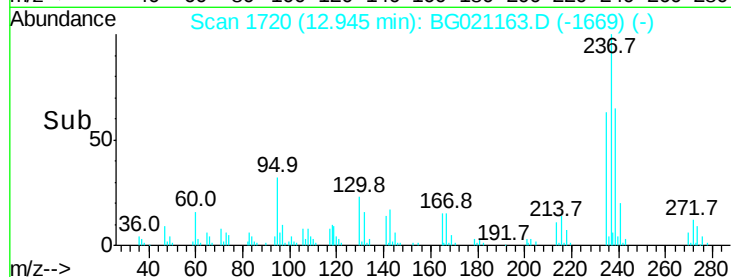
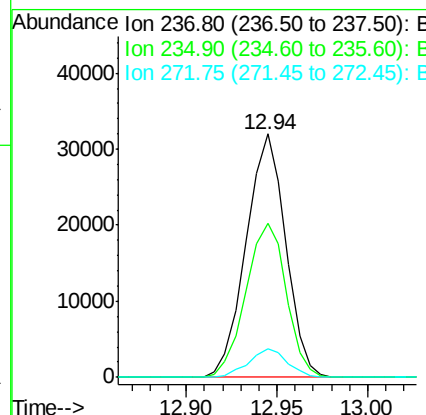
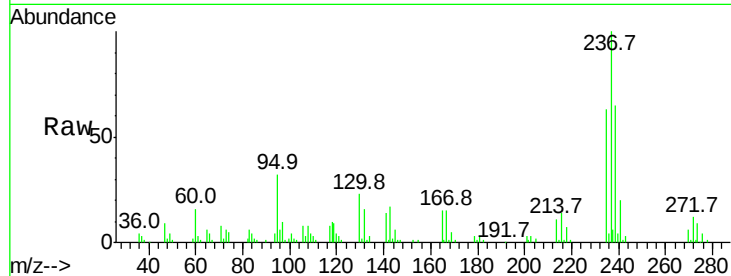
#40
Hexachlorocyclopentadiene
Concen: 103.01 ng
RT: 12.94 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.1	42.9	82.9
272	11.8	0.0	32.3

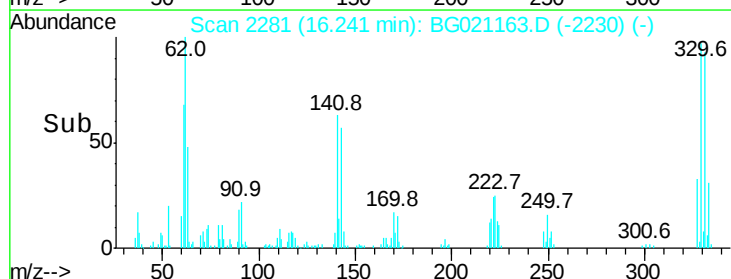
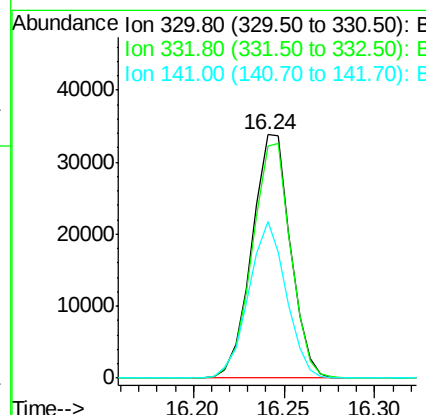
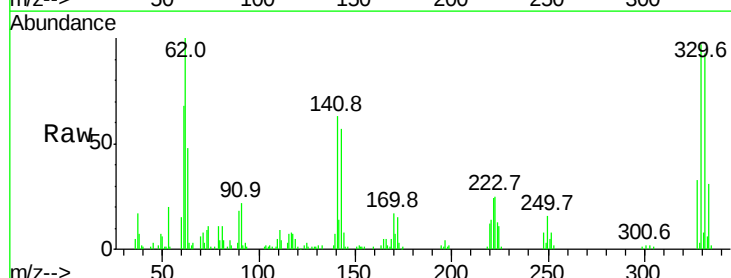
Manual Integrations
APPROVED

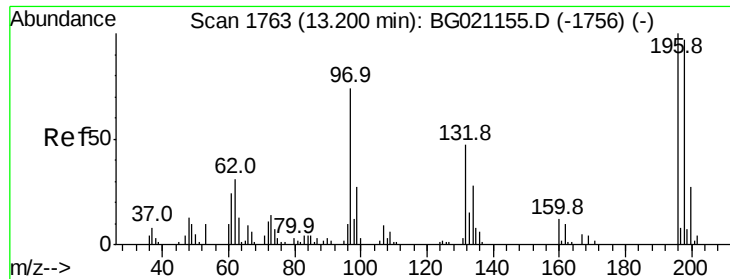
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#41
2,4,6-Tribromophenol
Concen: 168.39 ng
RT: 16.24 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.3	77.4	116.0
141	62.5	35.3	52.9#





#42

2,4,6-Trichlorophenol

Concen: 51.41 ng

RT: 13.20 min Scan# 1763

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

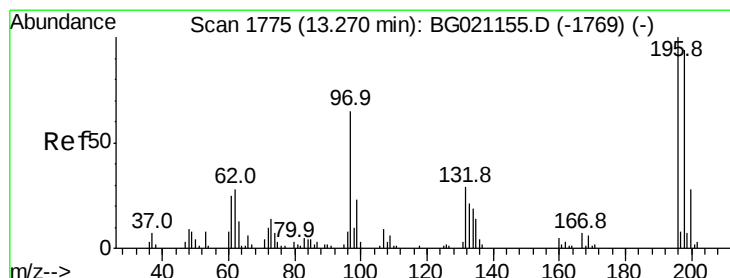
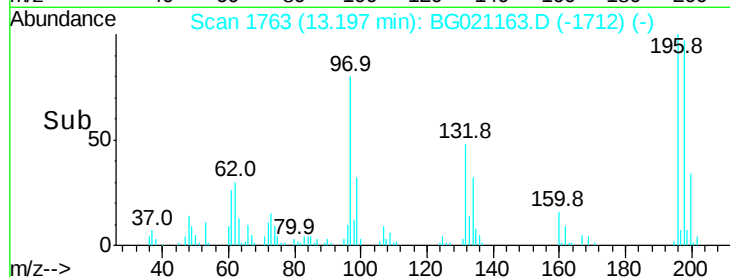
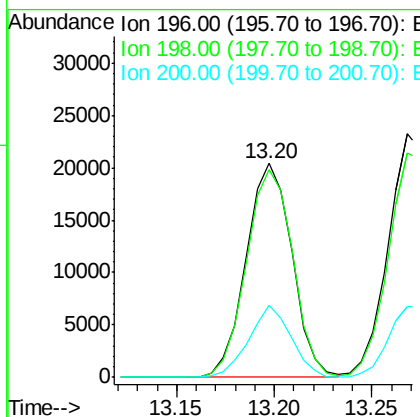
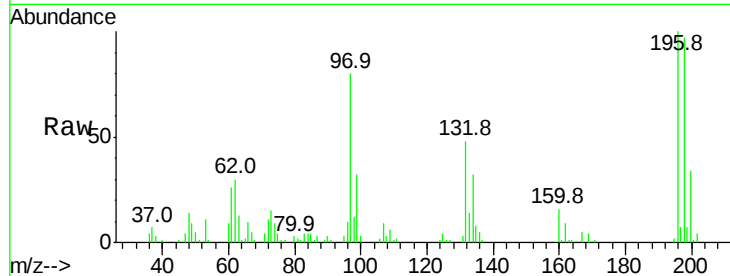
ClientSampleId :

CEB-6(12-14)20160224MS

Tot Ion:	196	Resp:	33139
Ion Ratio	Lower	Upper	
196	100		
198	96.9	75.8	113.8
200	35.1	23.8	35.8

Manual Integrations
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3/1/2016 3:01:46 PM



#43

2,4,5-Trichlorophenol

Concen: 55.35 ng

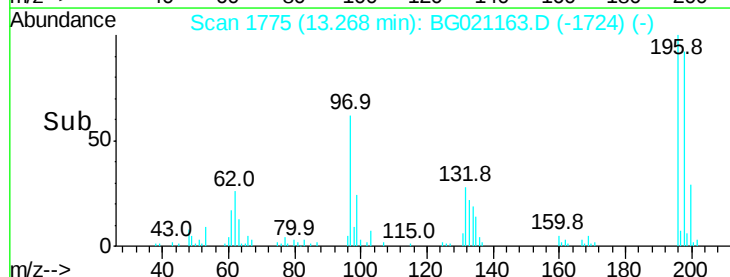
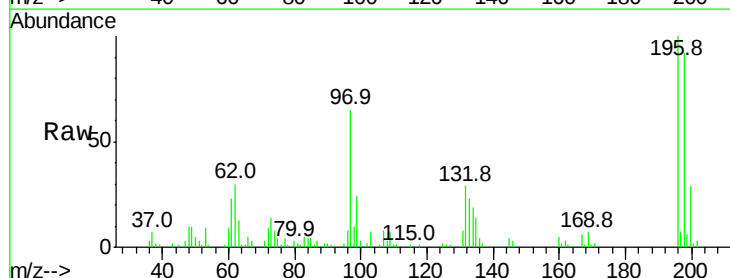
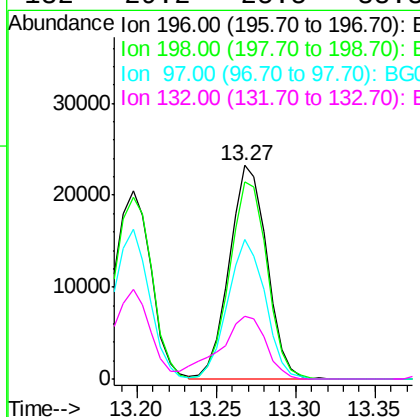
RT: 13.27 min Scan# 1775

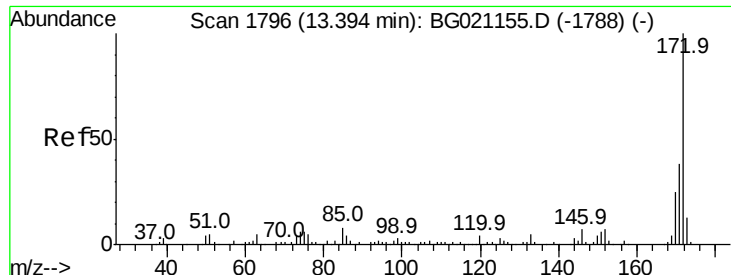
Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Tgt Ion:	196	Resp:	38154
Ion Ratio	Lower	Upper	
196	100		
198	92.4	80.2	120.4
97	65.3	42.9	64.3#
132	29.2	25.5	38.3





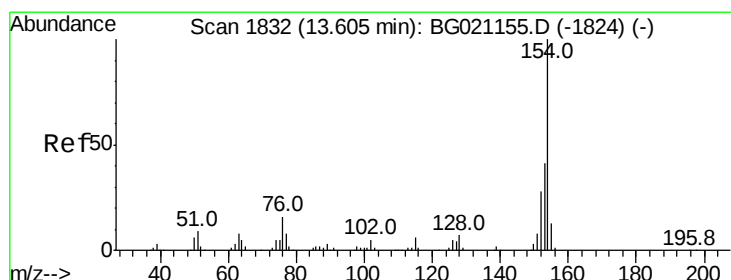
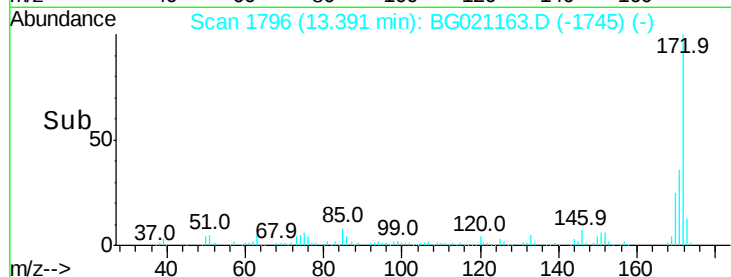
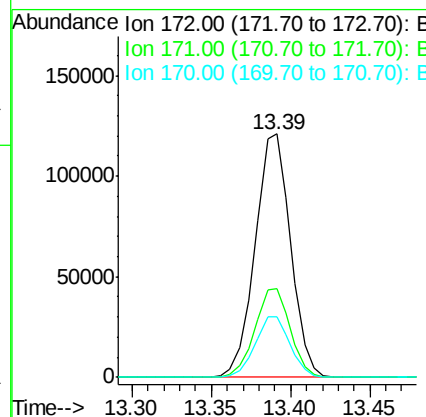
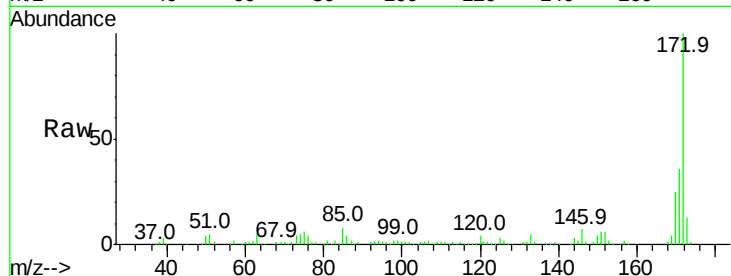
#44
2-Fluorobiphenyl
Concen: 93.22 ng
RT: 13.39 min Scan# 1796
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	187631		
171	36.5	29.4	44.0	
170	25.1	19.8	29.8	

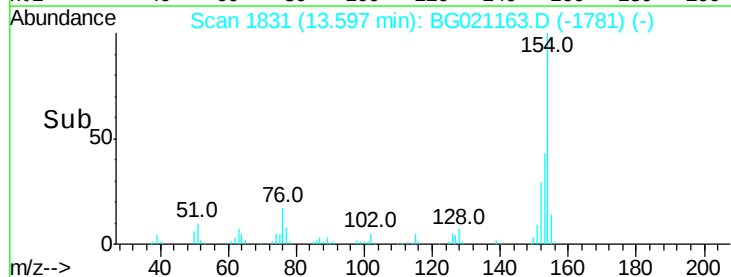
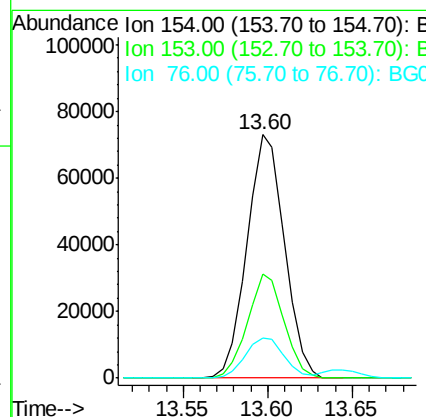
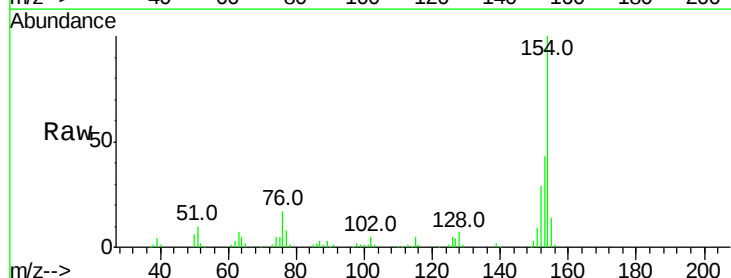
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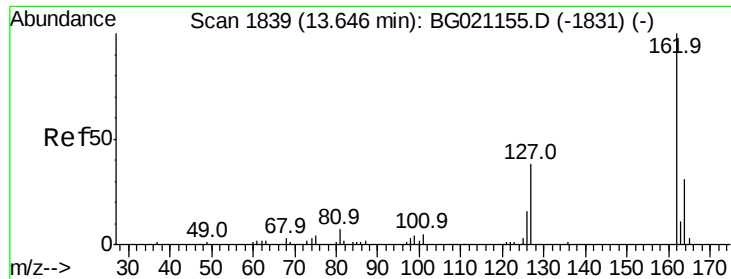
Sohil
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#45
1,1'-Biphenyl
Concen: 47.84 ng
RT: 13.60 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	112455		
153	42.9	19.8	59.8	
76	16.6	0.0	33.6	





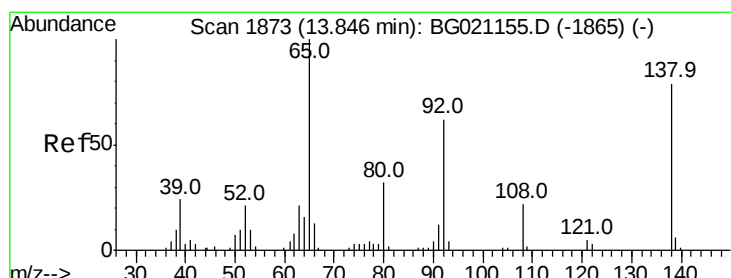
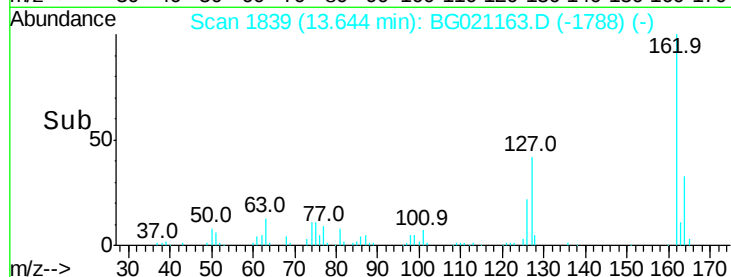
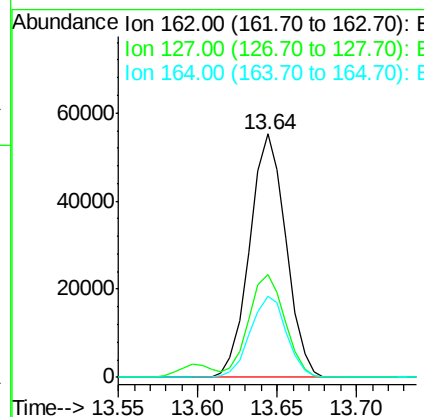
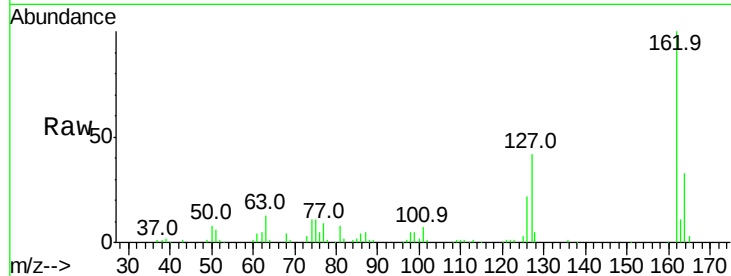
#46
2-Chloronaphthalene
Concen: 49.73 ng
RT: 13.64 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.1	31.8	47.8	
164	33.5	26.3	39.5	

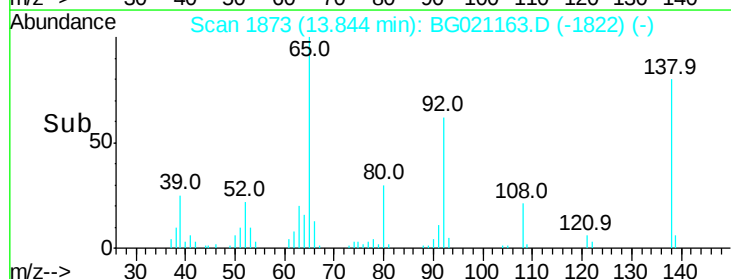
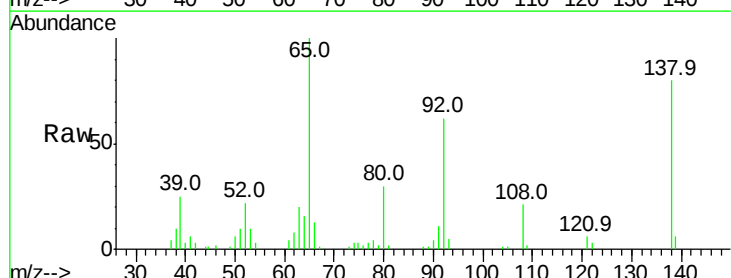
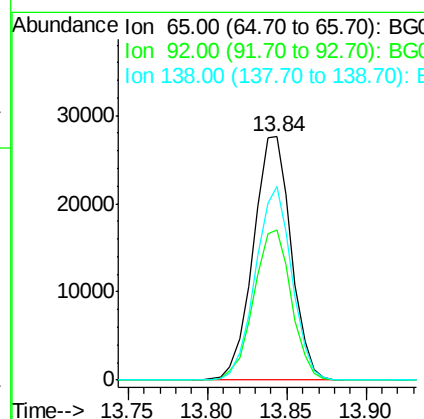
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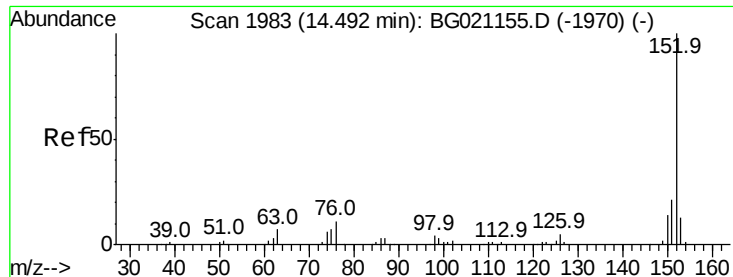
Sohil
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#47
2-Nitroaniline
Concen: 53.29 ng
RT: 13.84 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	61.6	54.6	82.0	
138	79.7	94.9	142.3	





#48

Acenaphthylene

Concen: 50.11 ng

RT: 14.48 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

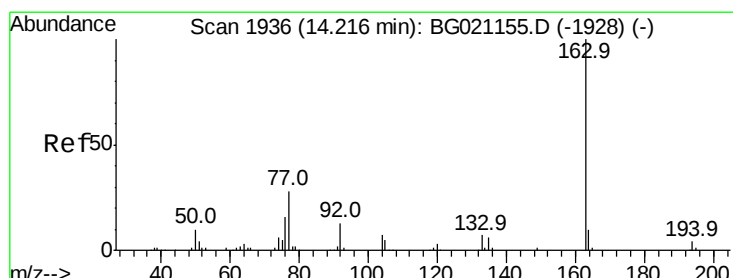
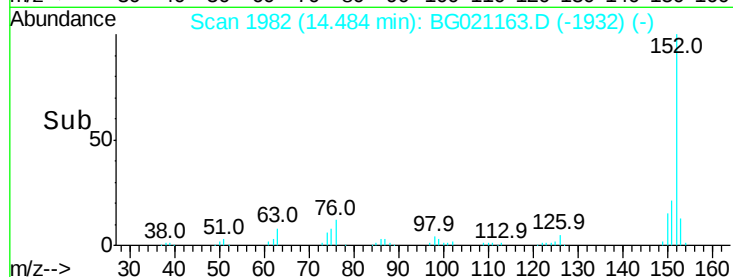
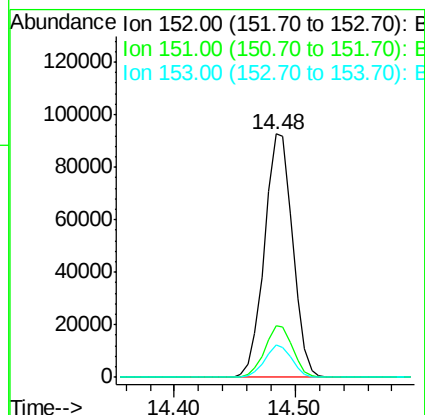
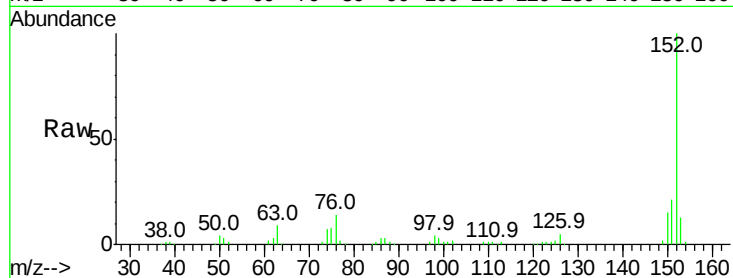
ClientSampleId :

CEB-6(12-14)20160224MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.9	23.9
153	13.4	10.2	15.2

Manual Integrations
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#49

Dimethylphthalate

Concen: 67.78 ng

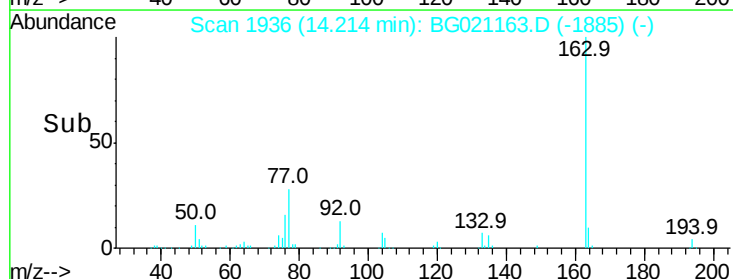
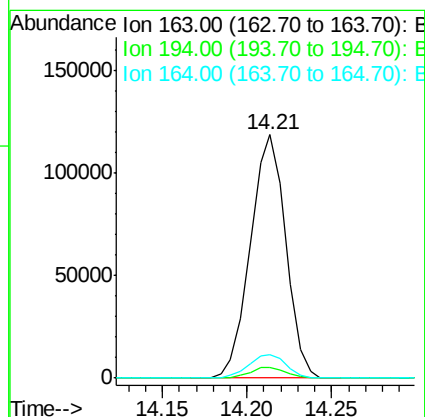
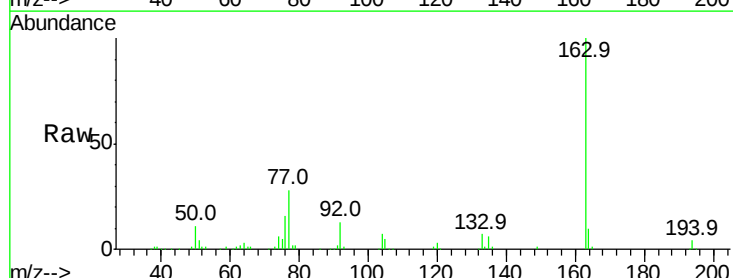
RT: 14.21 min Scan# 1936

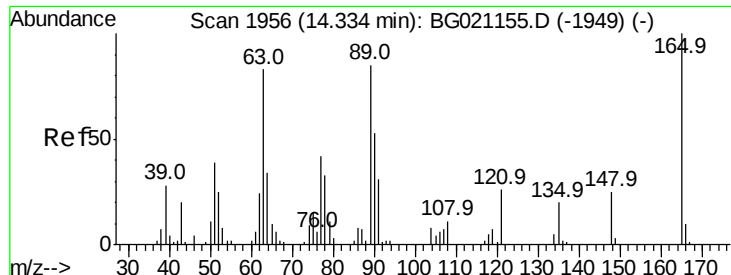
Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.8	4.2#
164	9.7	7.9	11.9





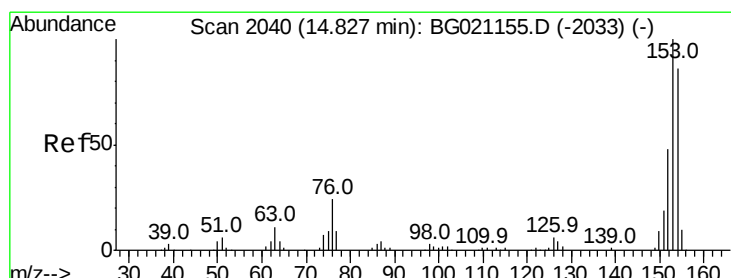
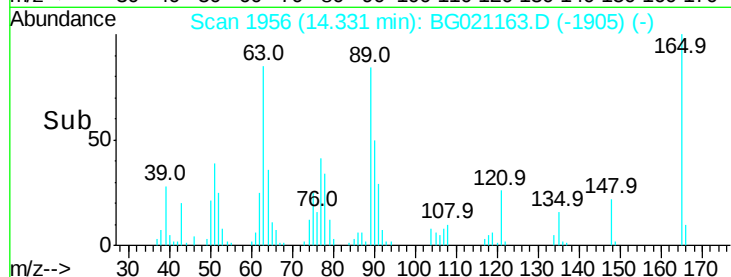
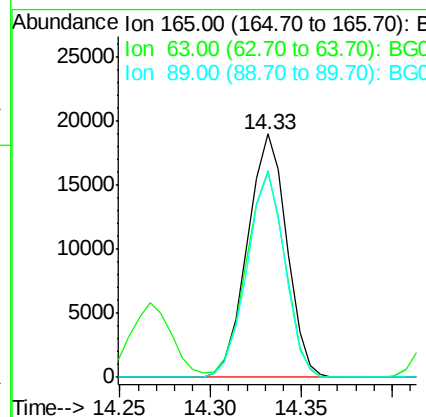
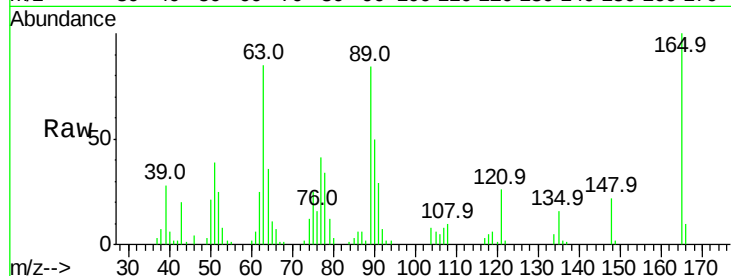
#50
2,6-Dinitrotoluene
Concen: 53.64 ng
RT: 14.33 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	85.0	42.1	63.1#
89	84.4	46.1	69.1#

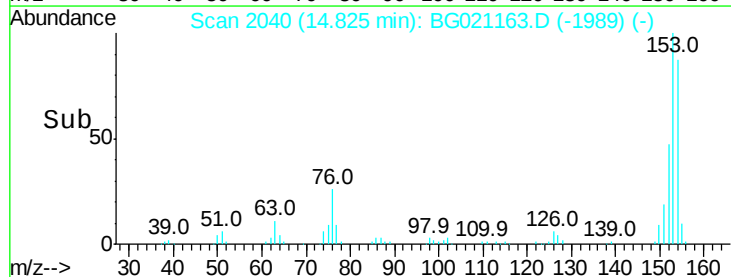
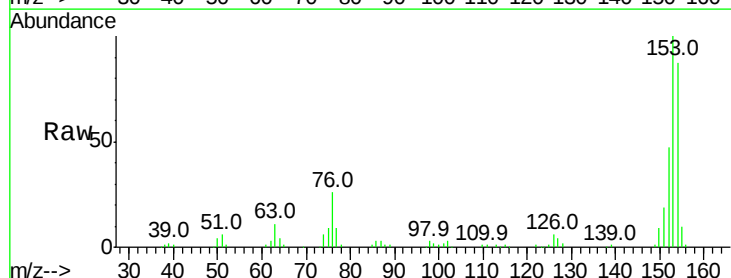
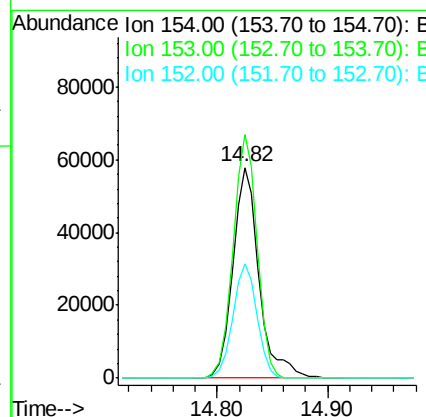
Manual Integrations
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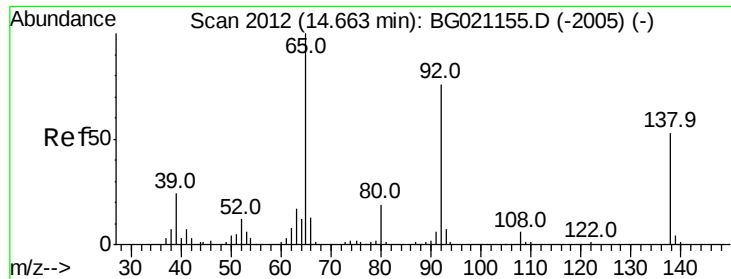
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#51
Acenaphthene
Concen: 50.62 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	115.4	94.2	141.2
152	54.3	42.9	64.3





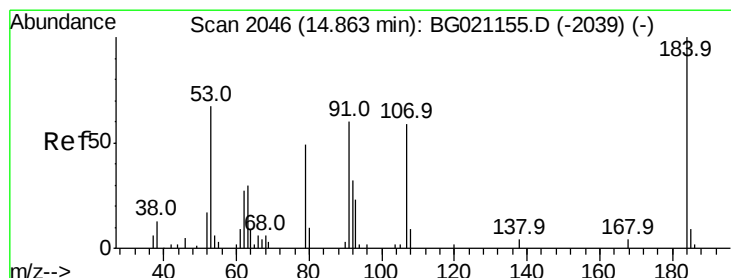
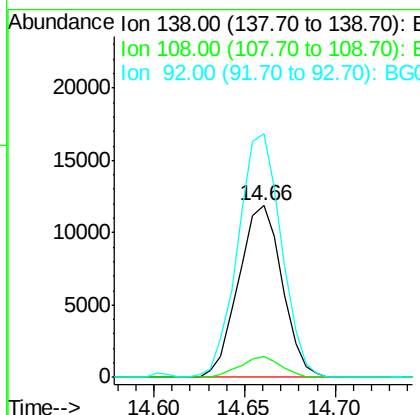
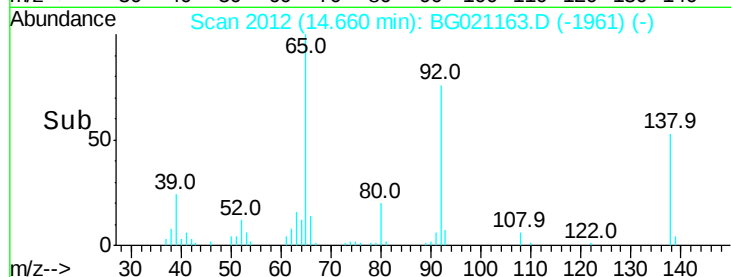
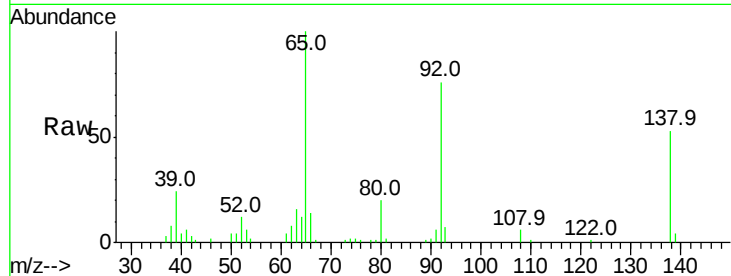
#52
 3-Nitroaniline
 Concen: 33.49 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 CEB-6(12-14)20160224MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	5.8	8.6#
92	142.1	83.6	125.4#

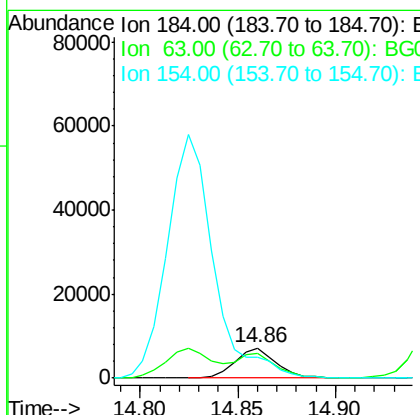
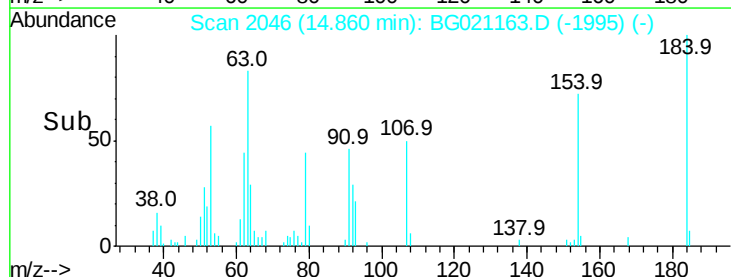
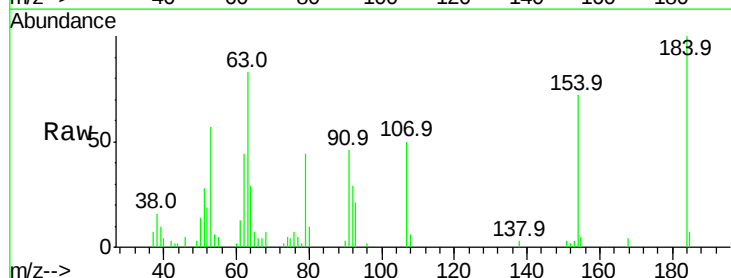
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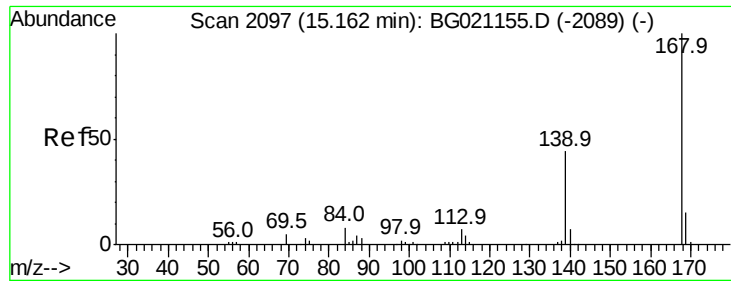
Sohil
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#53
 2,4-Dinitrophenol
 Concen: 37.78 ng
 RT: 14.86 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	82.6	57.0	85.6
154	71.5	51.3	76.9





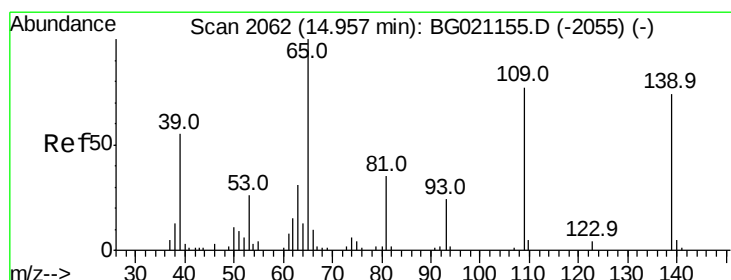
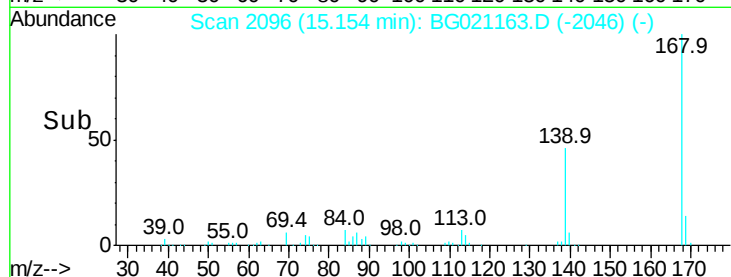
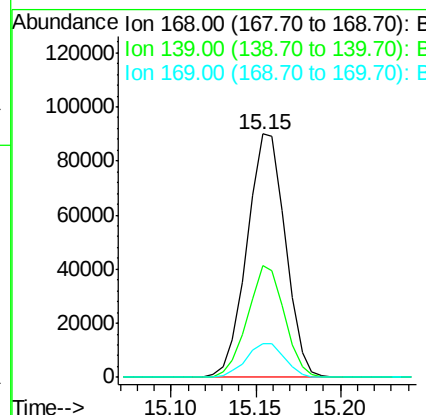
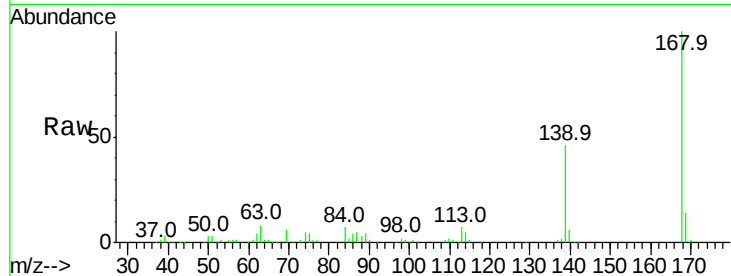
#54
Dibenzenofuran
Concen: 56.19 ng
RT: 15.15 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	45.7	29.8	44.8#	
169	13.8	11.4	17.2	

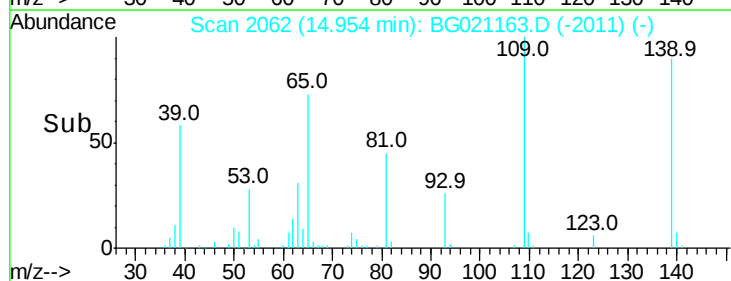
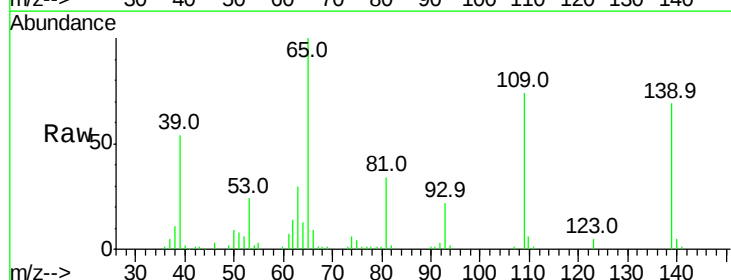
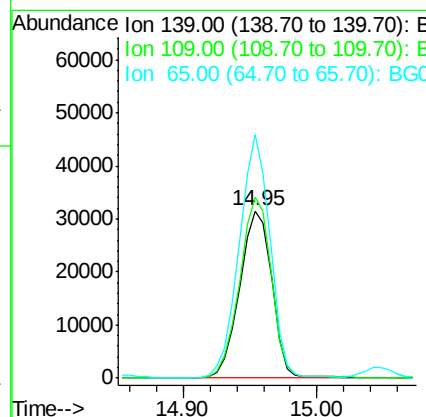
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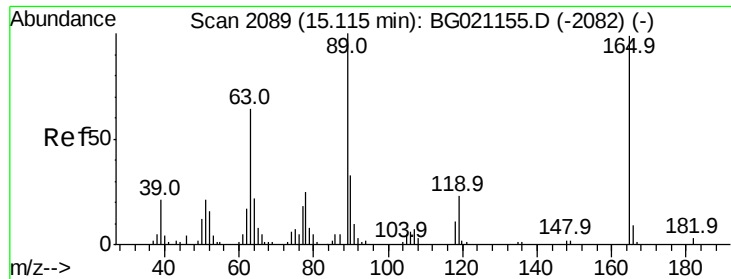
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#55
4-Nitrophenol
Concen: 107.04 ng
RT: 14.95 min Scan# 2062
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	107.8	54.1	94.1#	
65	145.4	73.4	113.4#	





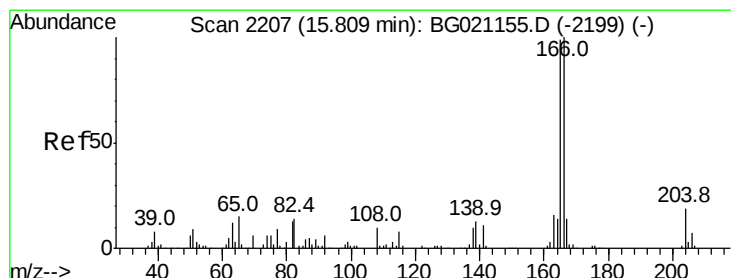
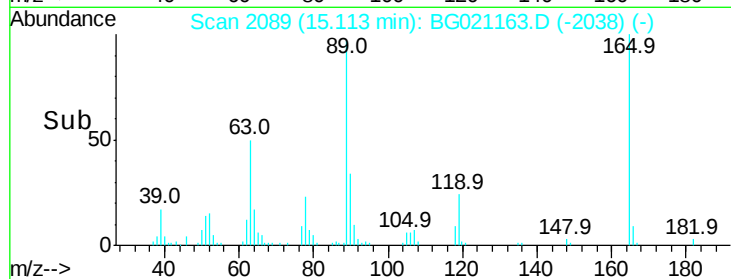
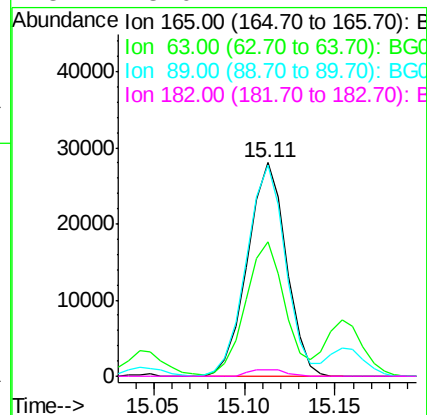
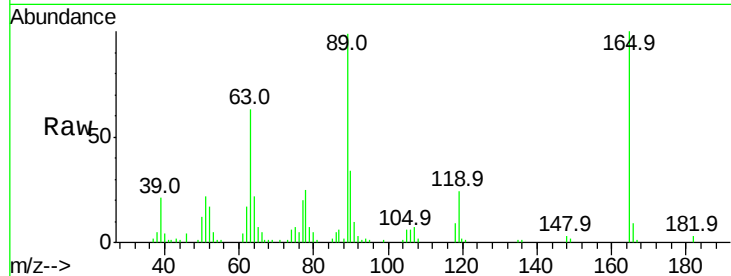
#56
 2,4-Dinitrotoluene
 Concen: 54.28 ng
 RT: 15.11 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 CEB-6(12-14)20160224MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	63.1	34.1	51.1#	
89	98.7	63.0	94.4#	
182	3.0	1.4	2.2#	

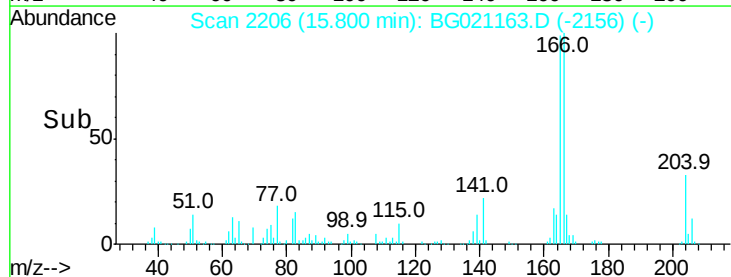
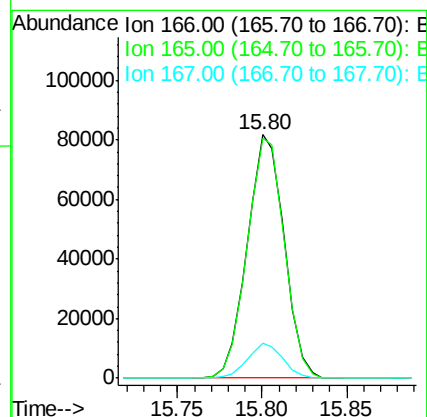
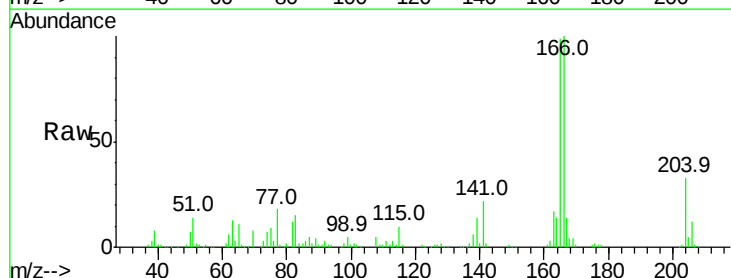
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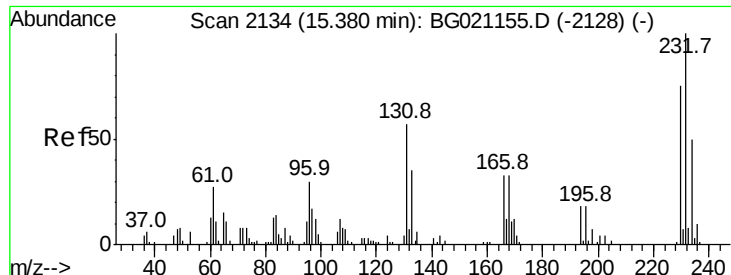
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#57
 Fluorene
 Concen: 51.28 ng
 RT: 15.80 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.7	81.3	121.9	
167	14.2	10.6	16.0	





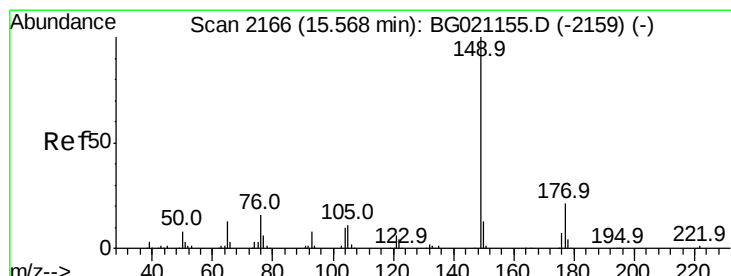
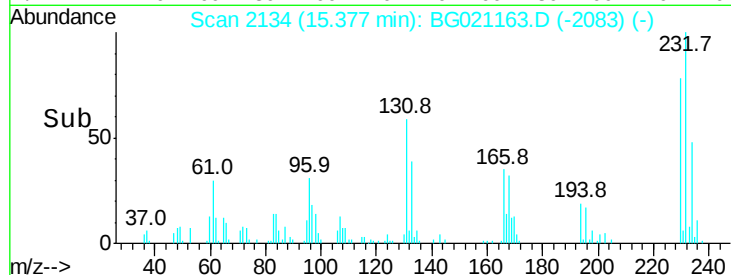
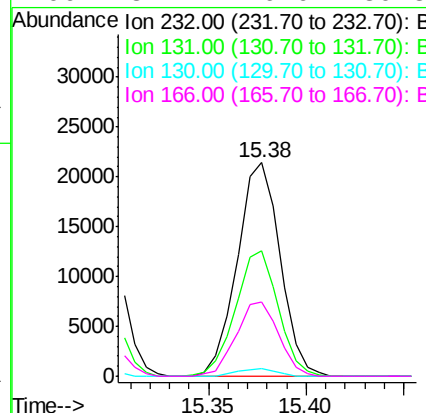
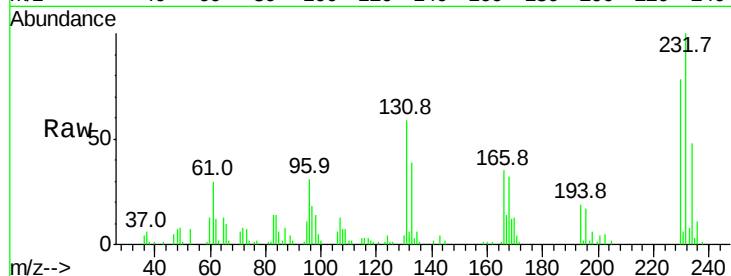
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 59.19 ng
 RT: 15.38 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Instrument :
 BNA_G
 ClientSampleId :
 CEB-6(12-14)20160224MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	32632		
131	58.5		41.4	62.2
130	3.3		1.8	2.8
166	34.4		26.6	39.8

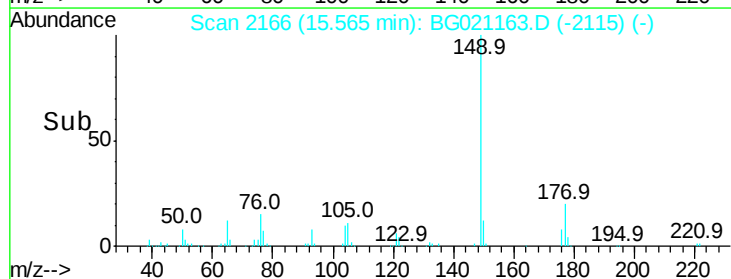
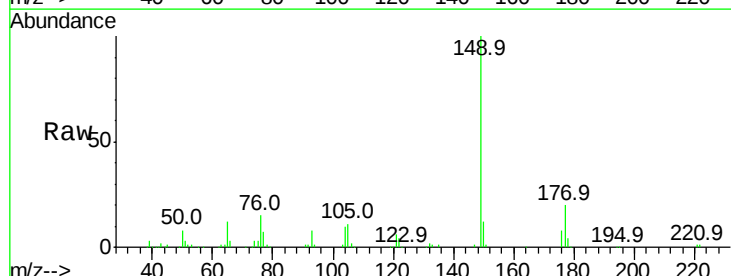
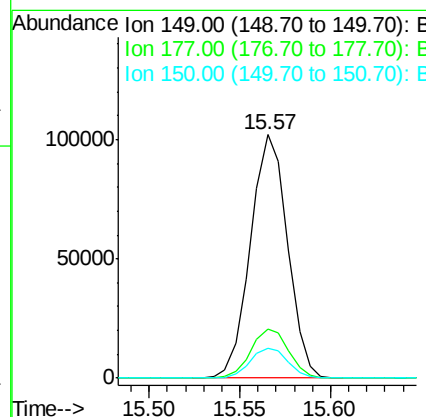
Manual Integrations
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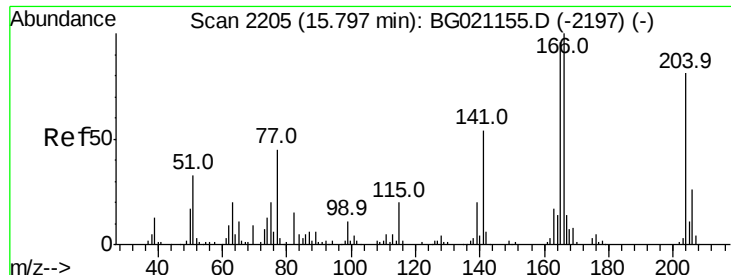
Sohil
 3/1/2016 3:01:46 PM



#59
 Diethylphthalate
 Concen: 51.45 ng
 RT: 15.57 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BG021163.D
 Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	144852		
177	20.0		15.8	23.8
150	12.2		10.1	15.1





#60

4-Chlorophenyl-phenylether

Concen: 49.81 ng

RT: 15.79 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

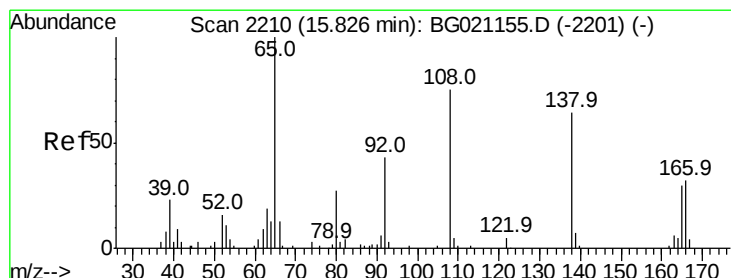
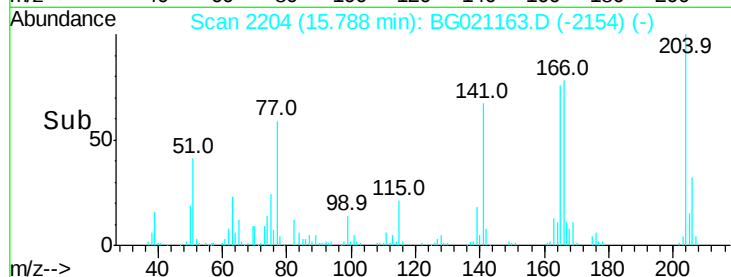
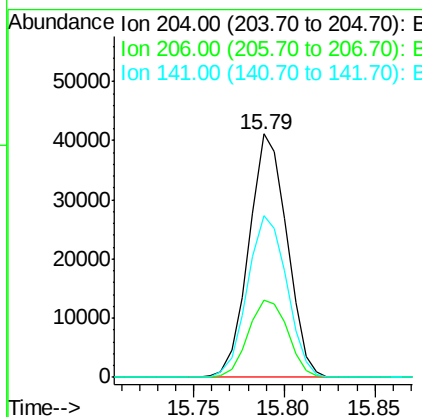
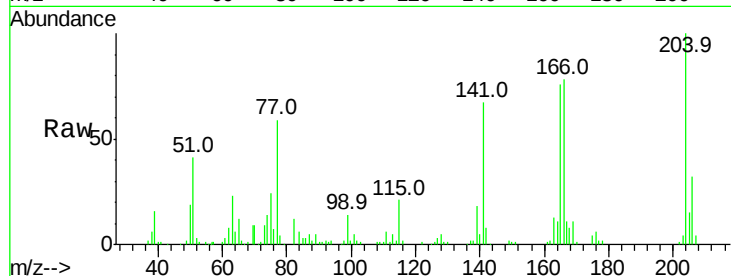
ClientSampleId :

CEB-6(12-14)20160224MS

Tot Ion:	204	Resp:	60005
Ion Ratio	Lower	Upper	
204	100		
206	32.0	26.9	40.3
141	66.6	50.8	76.2

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#61

4-Nitroaniline

Concen: 53.48 ng

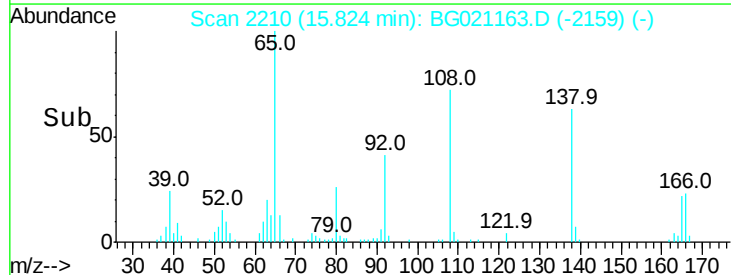
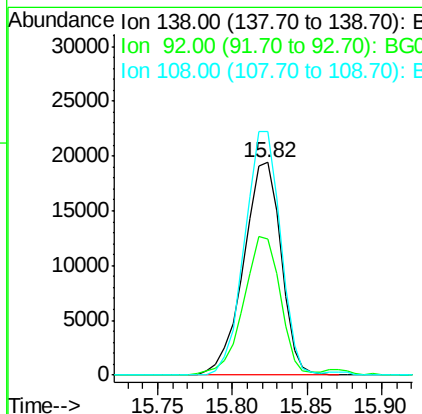
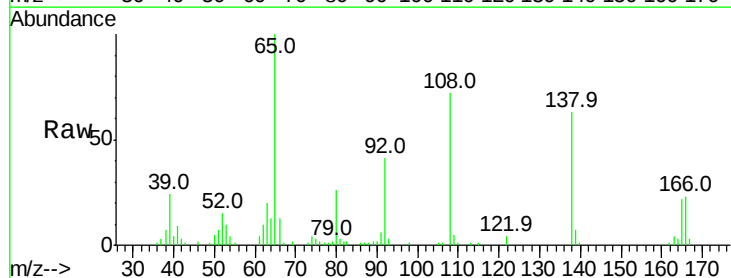
RT: 15.82 min Scan# 2210

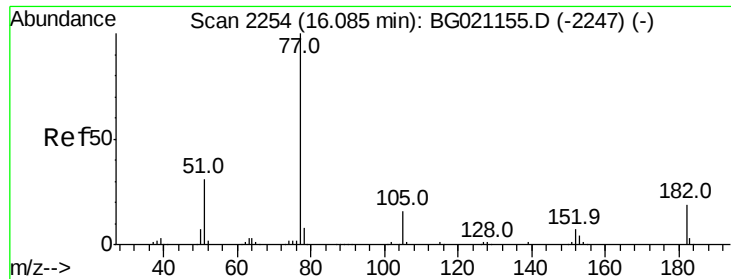
Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Tgt Ion:	138	Resp:	33771
Ion Ratio	Lower	Upper	
138	100		
92	64.1	28.0	68.0
108	114.4	52.6	92.6#





#62

Azobenzene

Concen: 55.33 ng

RT: 16.08 min Scan# 2254

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

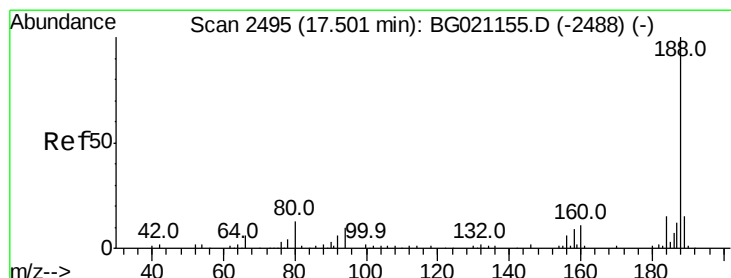
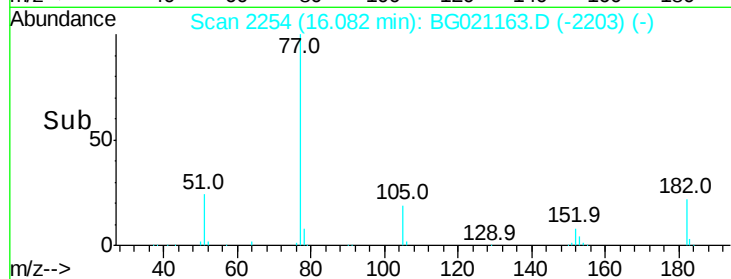
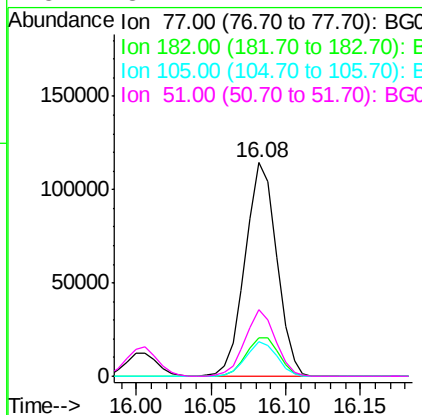
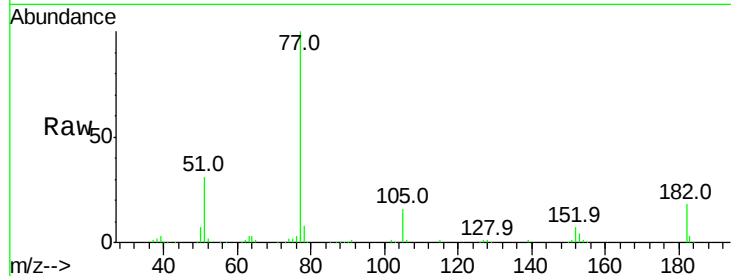
ClientSampleId :

CEB-6(12-14)20160224MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	18.1	0.7	40.7		
105	15.9	0.0	38.3		
51	31.2	4.4	44.4		

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#63

Phenanthrene-d10

Concen: 20.00 ng

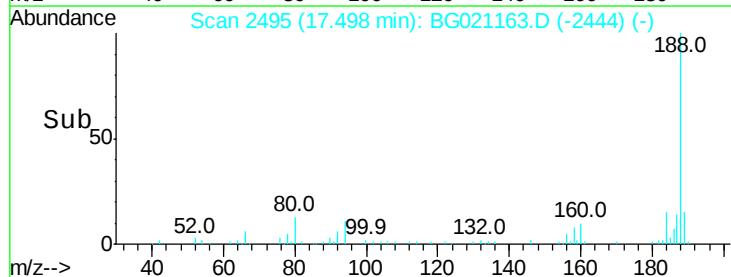
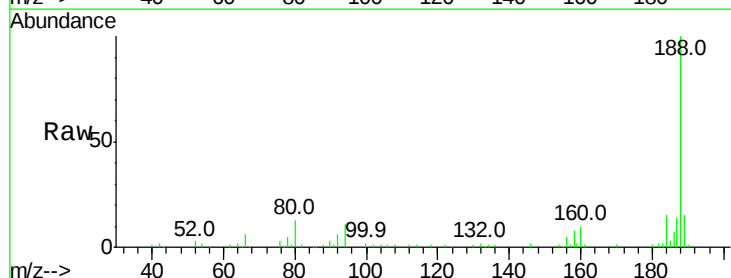
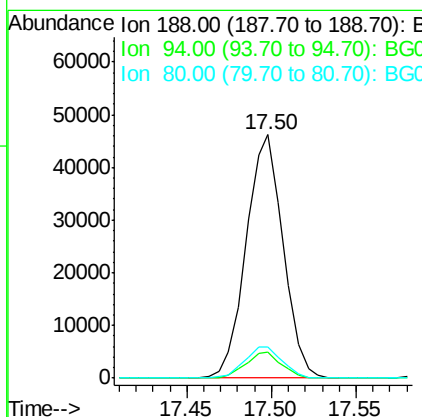
RT: 17.50 min Scan# 2495

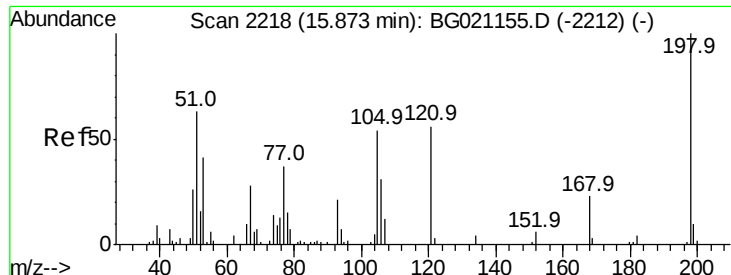
Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.8	8.2	12.4		
80	12.9	9.2	13.8		





#64

4,6-Dinitro-2-methylphenol

Concen: 44.05 ng

RT: 15.87 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MS

Tot Ion:198 Resp: 21196

Ion Ratio Lower Upper

198 100

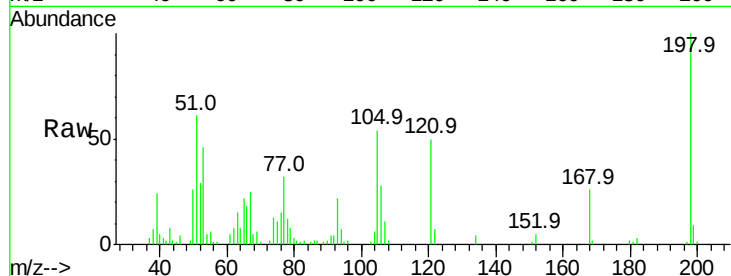
51 60.8 30.4 70.4

105 54.2 32.8 72.8

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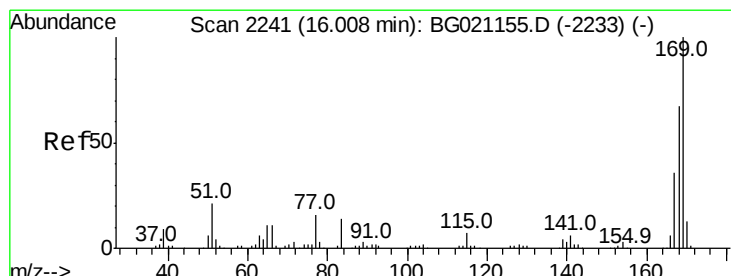
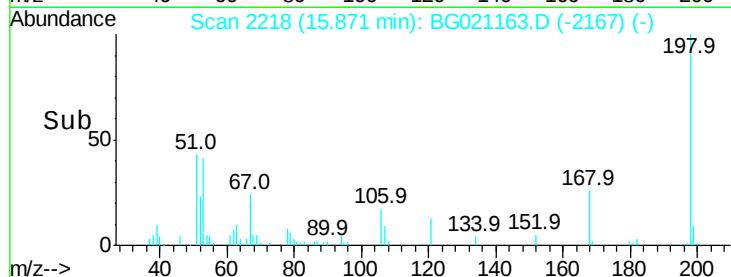
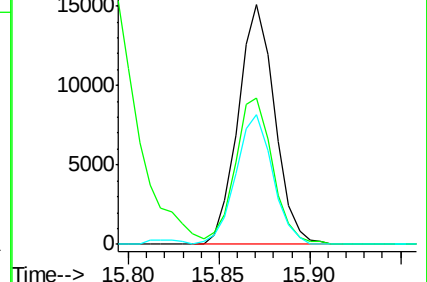
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 51.48 ng

RT: 16.01 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

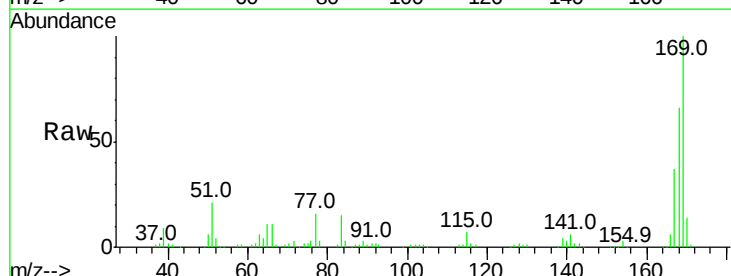
Tgt Ion:169 Resp: 111028

Ion Ratio Lower Upper

169 100

168 66.2 58.2 87.2

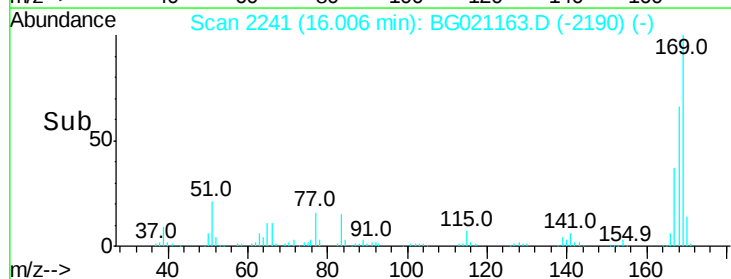
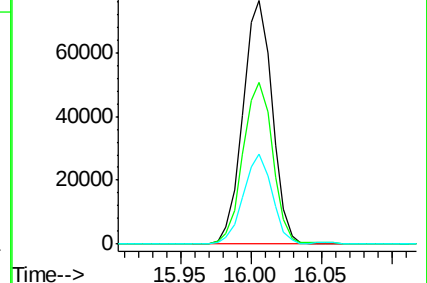
167 36.8 31.0 46.6

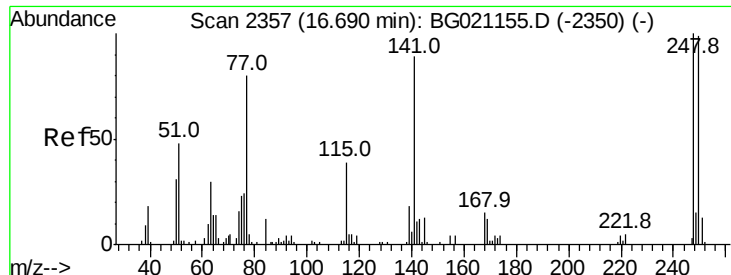


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





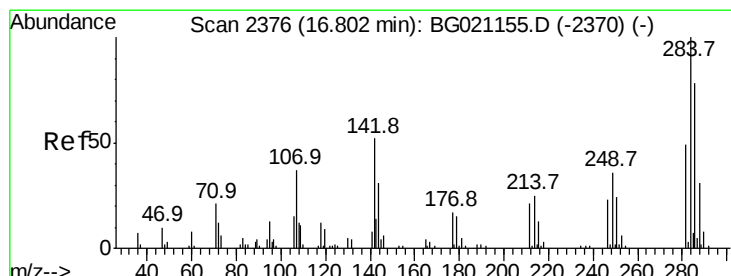
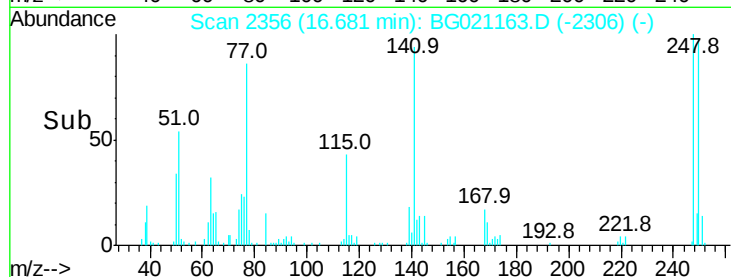
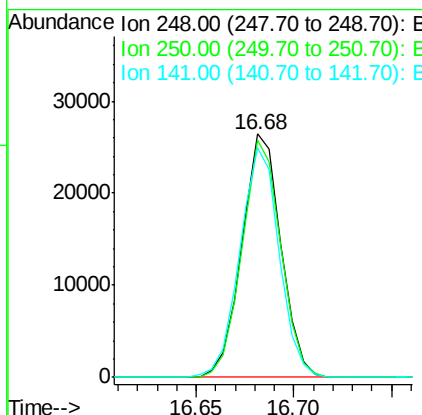
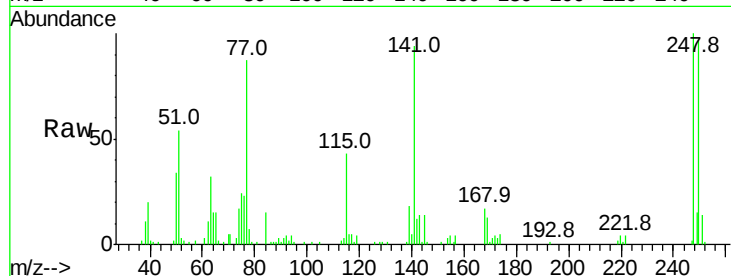
#66
4-Bromophenyl-phenylether
Concen: 49.90 ng
RT: 16.68 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.4	114.6
141	94.3	57.4	86.0

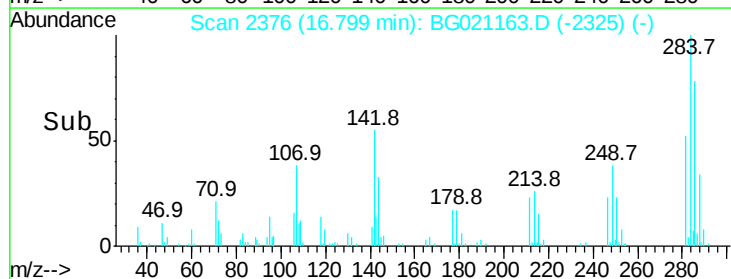
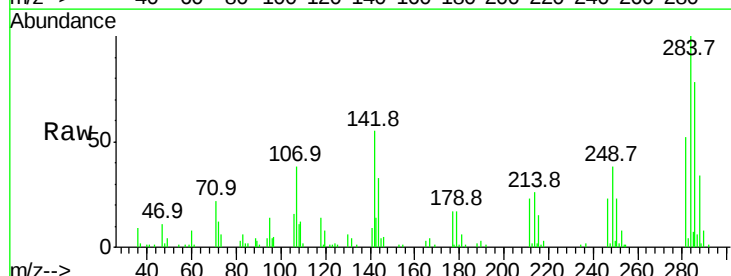
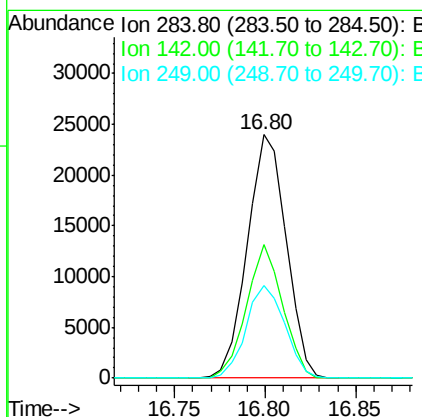
Manual Integrations
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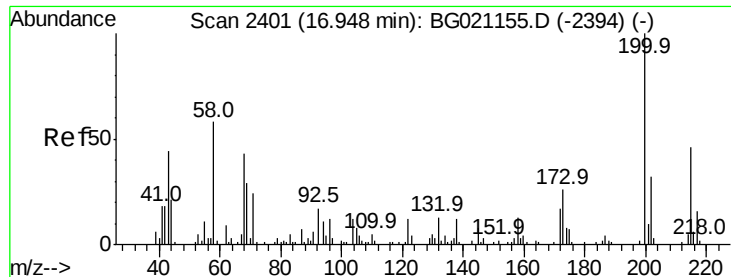
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3/1/2016 3:01:46 PM



#67
Hexachlorobenzene
Concen: 50.29 ng
RT: 16.80 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	54.8	32.1	48.1
249	41.0	24.0	36.0





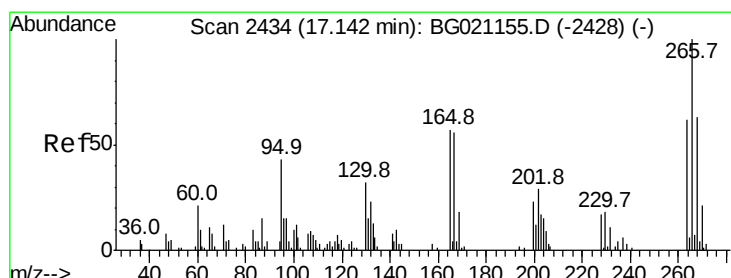
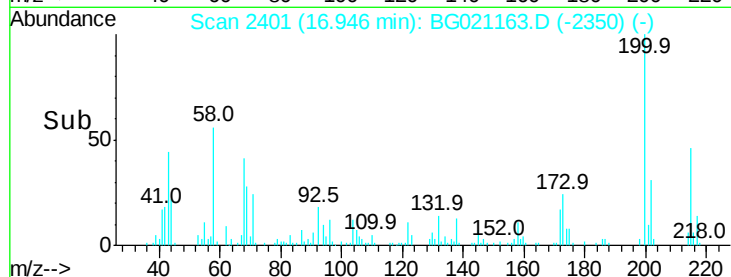
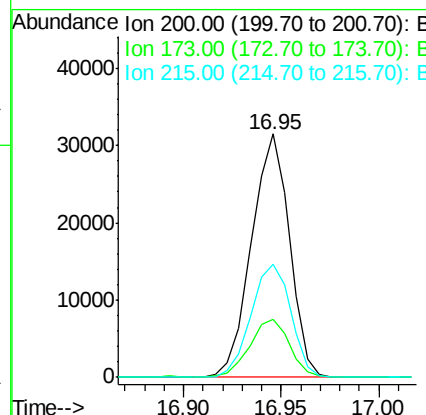
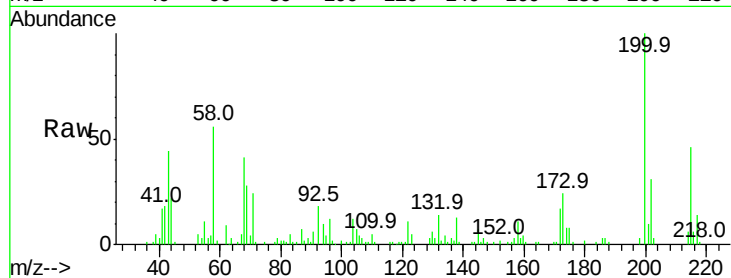
#68
Atrazine
Concen: 57.29 ng
RT: 16.95 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	3.9	43.9
215	46.4	29.0	69.0

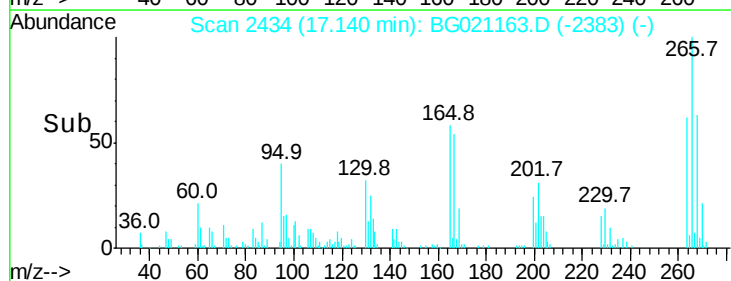
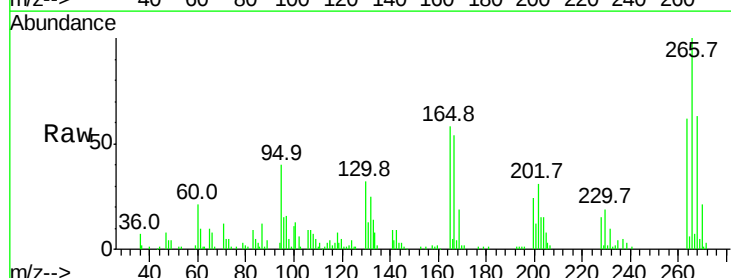
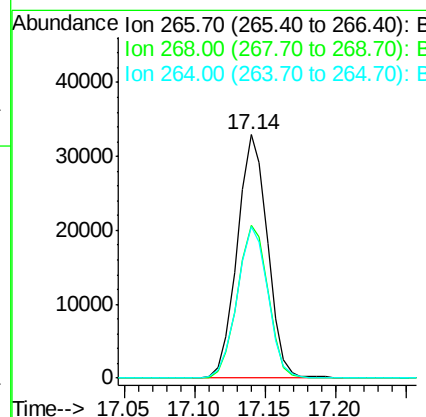
Manual Integrations
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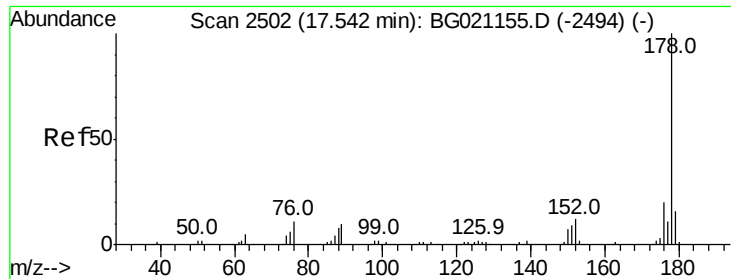
Sohil
3/1/2016 3:01:46 PM



#69
Pentachlorophenol
Concen: 106.01 ng
RT: 17.14 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.2	51.0	76.6
264	68.3	47.8	71.8





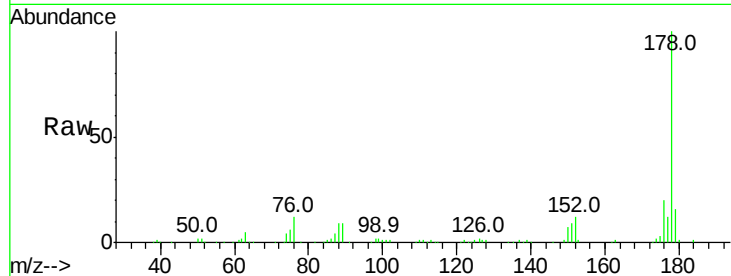
#70
Phenanthrene
Concen: 51.18 ng
RT: 17.54 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

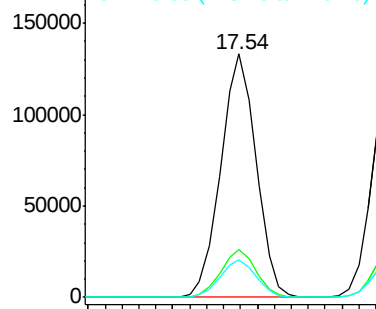
Tot Ion	Ratio	Resp	Lower	Upper
178	100	193735		
176	19.6		16.2	24.4
179	15.6		12.9	19.3

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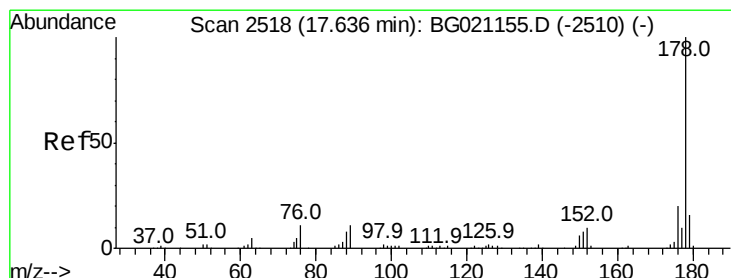
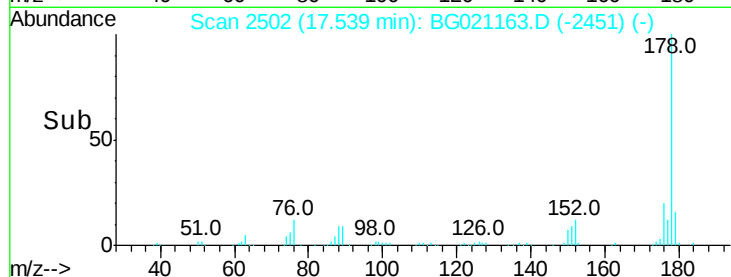
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



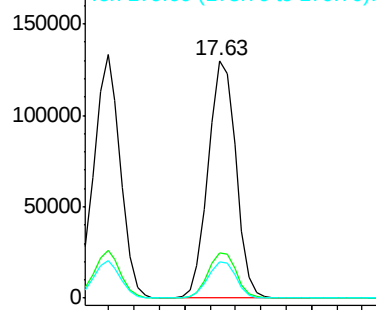
Time--> 17.45 17.50 17.55 17.60



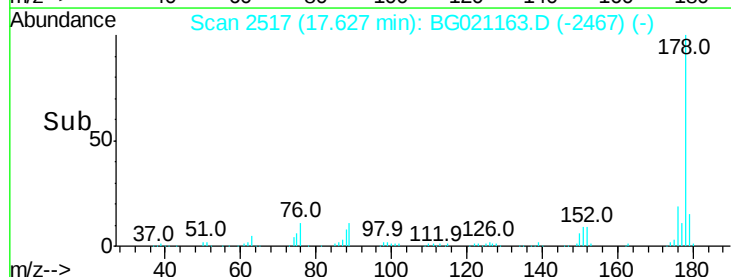
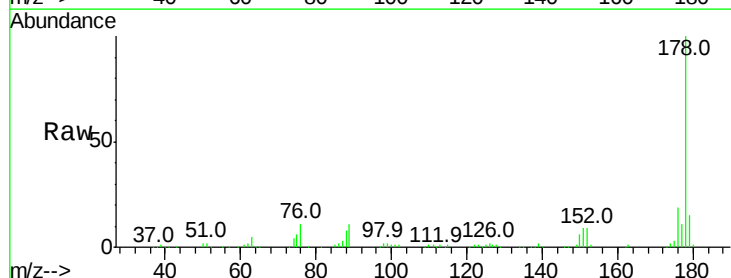
#71
Anthracene
Concen: 50.82 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

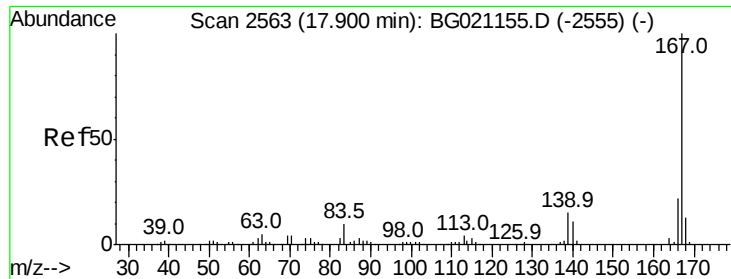
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	196848		
176	19.1		14.8	22.2
179	15.2		12.6	19.0

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



Time--> 17.60 17.70





#72

Carbazole

Concen: 53.48 ng

RT: 17.90 min Scan# 2563

Delta R.T. -0.00 min

Lab File: BG021163.D

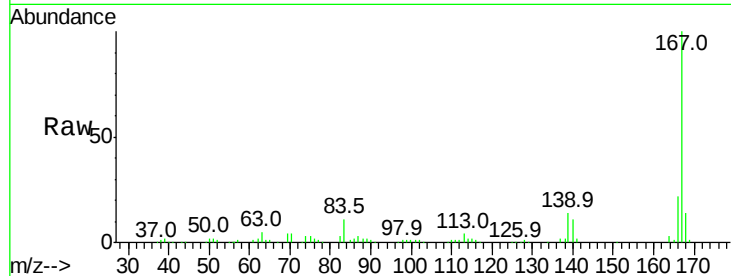
Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

ClientSampleId :

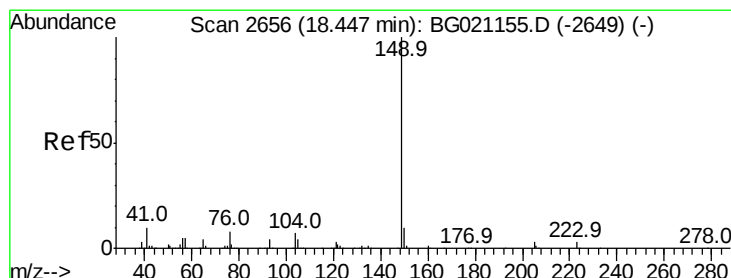
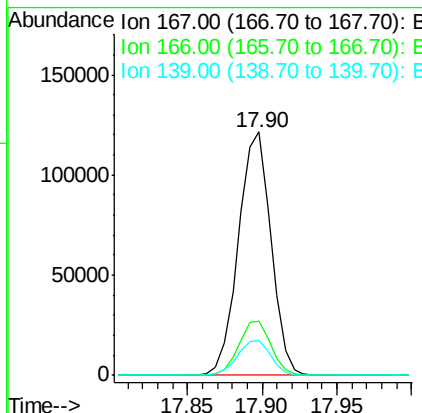
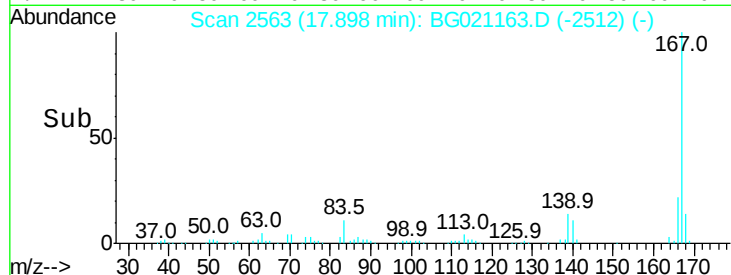
CEB-6(12-14)20160224MS



Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	22.2	17.5	26.3	
139	14.1	10.3	15.5	

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#73

Di-n-butylphthalate

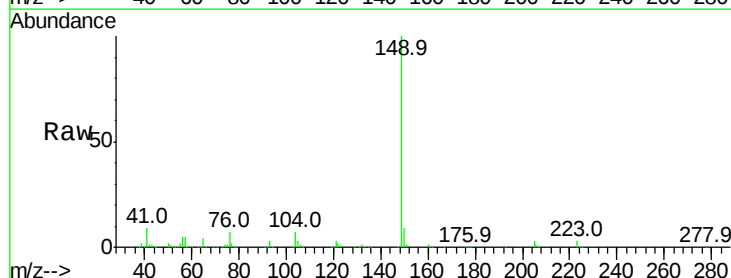
Concen: 50.06 ng

RT: 18.44 min Scan# 2656

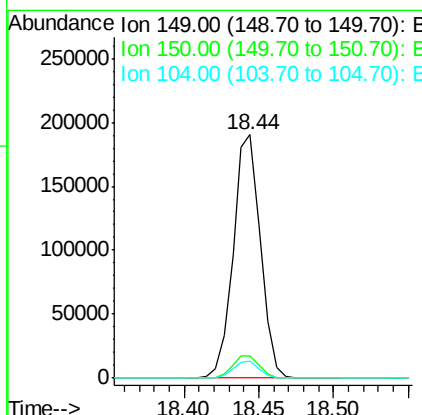
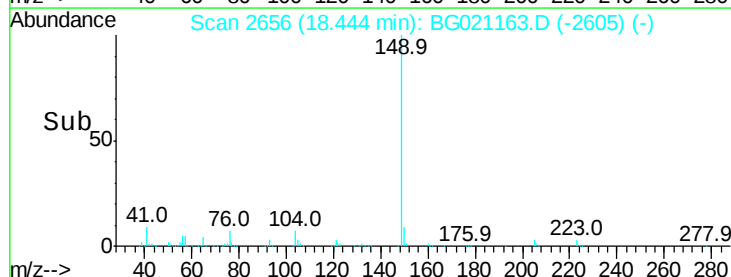
Delta R.T. -0.00 min

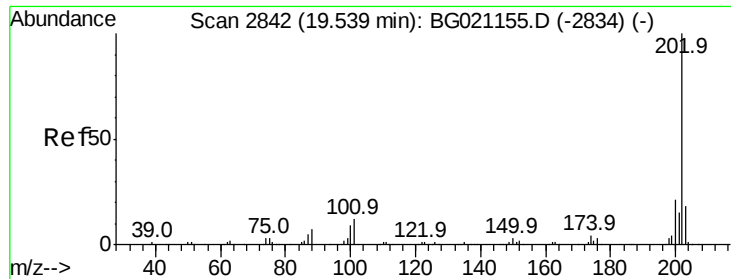
Lab File: BG021163.D

Acq: 29 Feb 2016 20:13



Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.0	7.6	11.4	
104	6.8	4.1	6.1	





#74

Fluoranthene

Concen: 49.84 ng

RT: 19.53 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

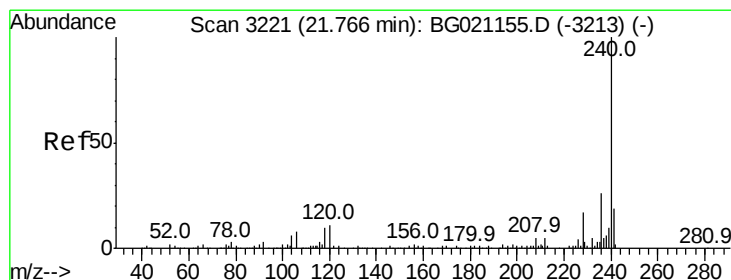
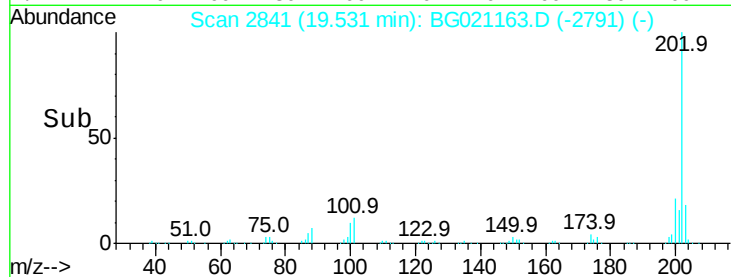
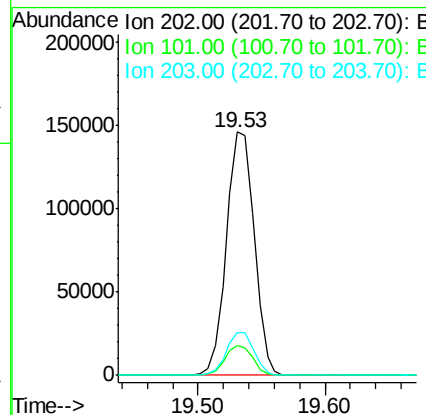
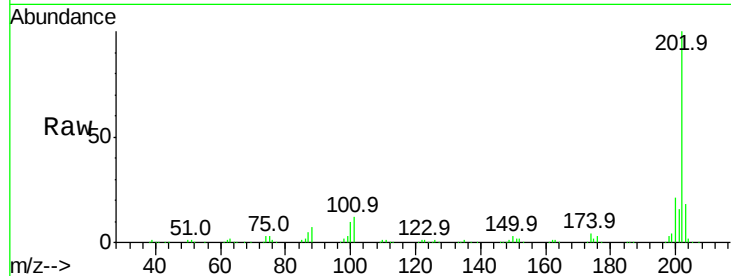
ClientSampleId :

CEB-6(12-14)20160224MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.5	0.0	32.5
203	17.8	0.0	37.6

Manual Integrations
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3/1/2016 3:01:46 PM



#75

Chrysene-d12

Concen: 20.00 ng

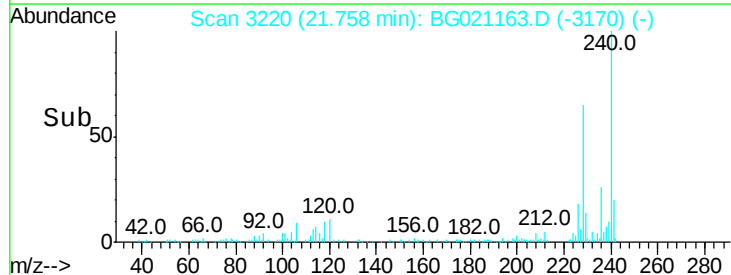
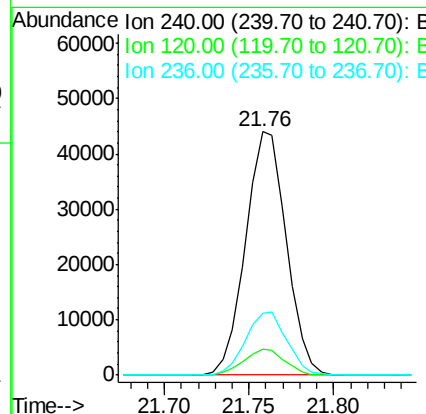
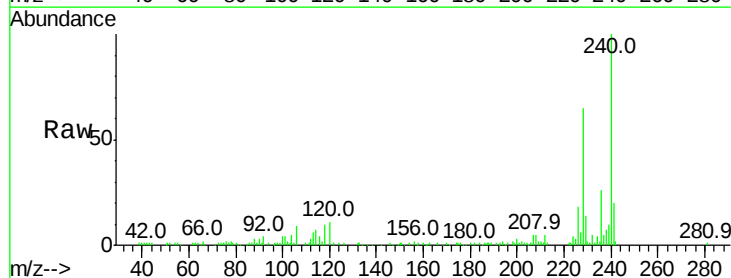
RT: 21.76 min Scan# 3220

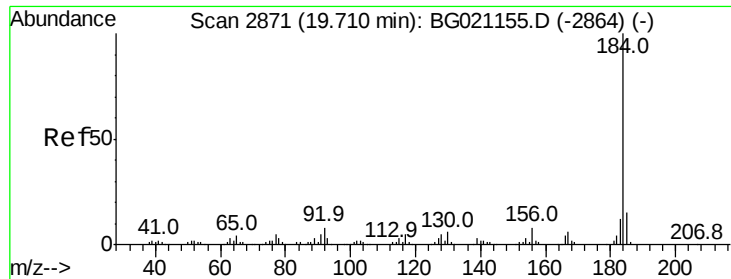
Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.7	7.5	11.3
236	25.6	20.5	30.7





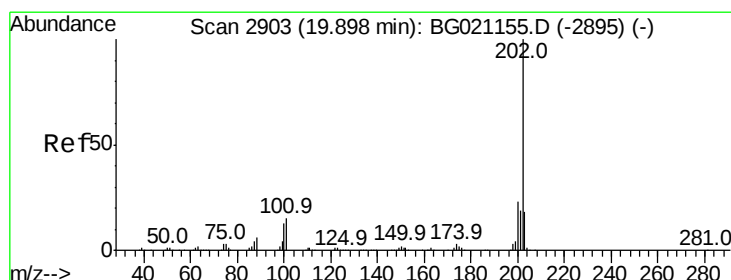
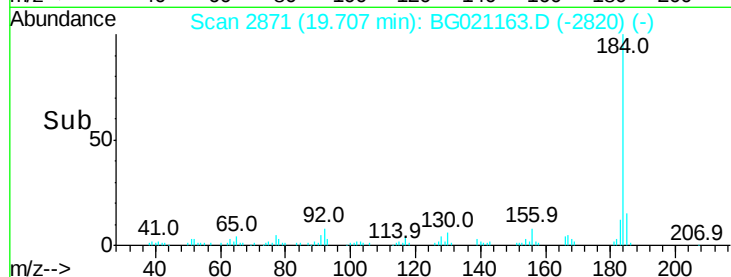
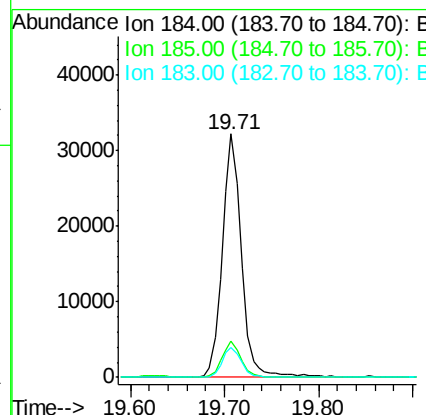
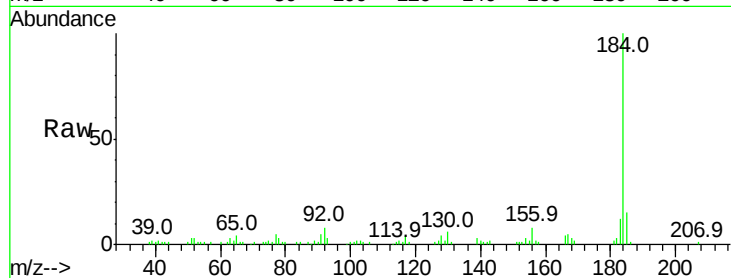
#76
Benzidine
Concen: 22.12 ng
RT: 19.71 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.5	17.3
183	12.1	10.1	15.1

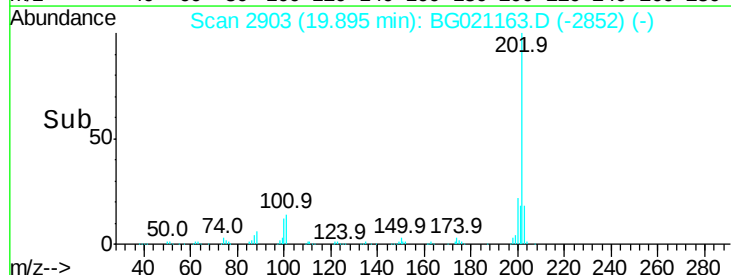
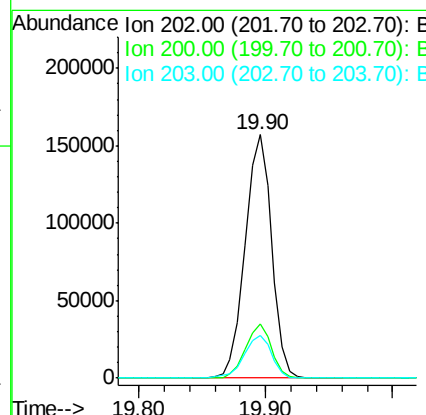
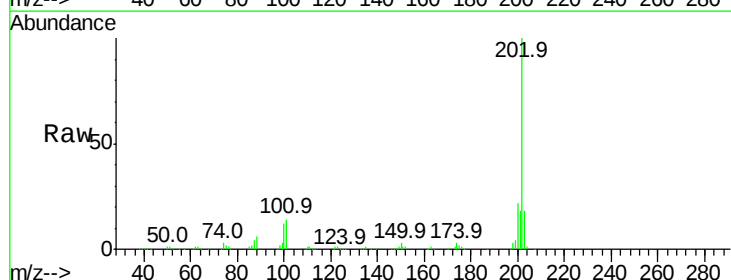
Manual Integrations
APPROVED

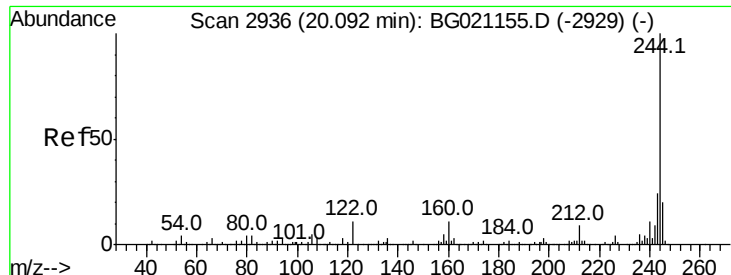
Sohil
3/1/2016 3:01:46 PM



#77
Pyrene
Concen: 51.69 ng
RT: 19.90 min Scan# 2903
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.6	25.0
203	17.5	13.8	20.8





#78

Terphenyl-d14

Concen: 91.21 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

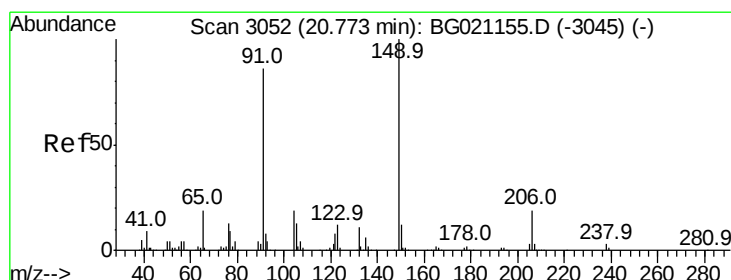
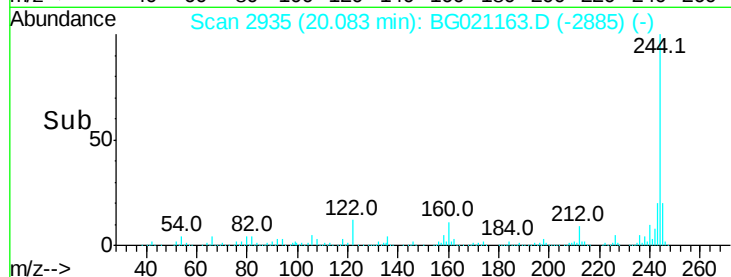
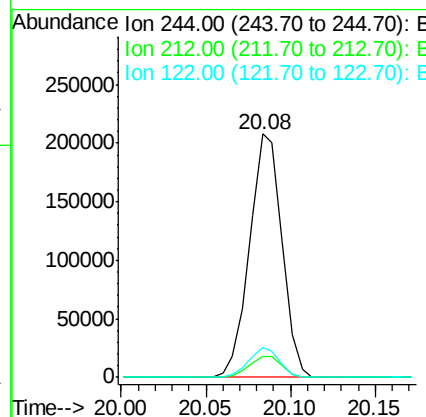
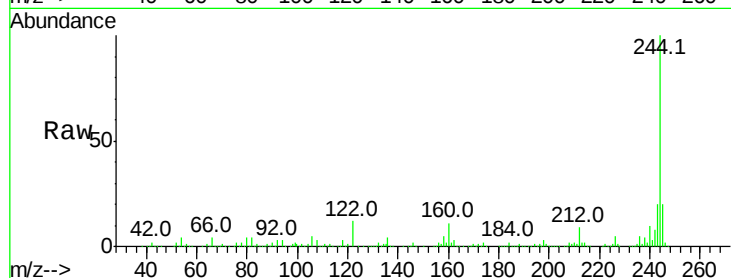
ClientSampleId :

CEB-6(12-14)20160224MS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	8.6	5.8	8.6#	
122	12.1	8.3	12.5	

Manual Integrations
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3/1/2016 3:01:46 PM



#79

Butylbenzylphthalate

Concen: 50.19 ng

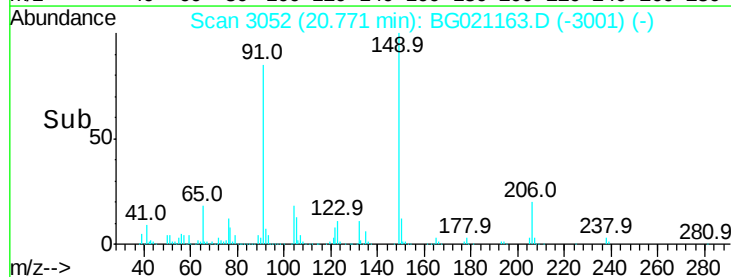
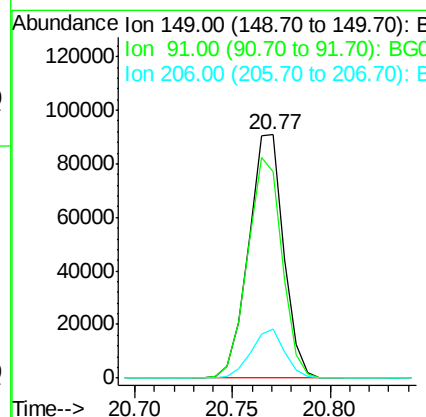
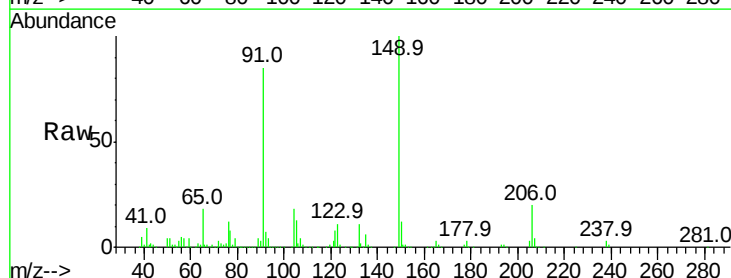
RT: 20.77 min Scan# 3052

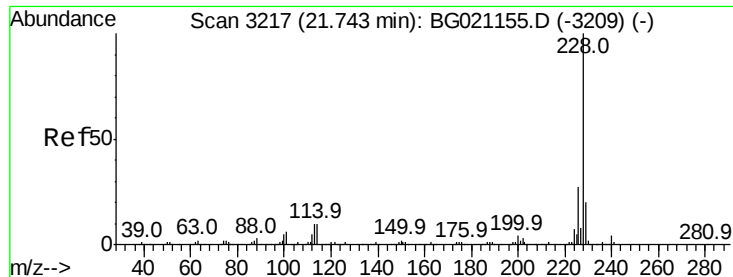
Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	85.1	58.6	87.8	
206	19.9	14.2	21.4	





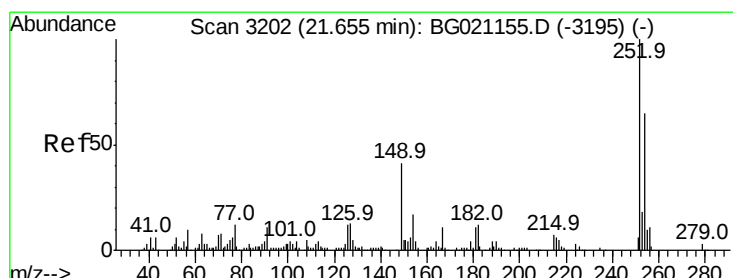
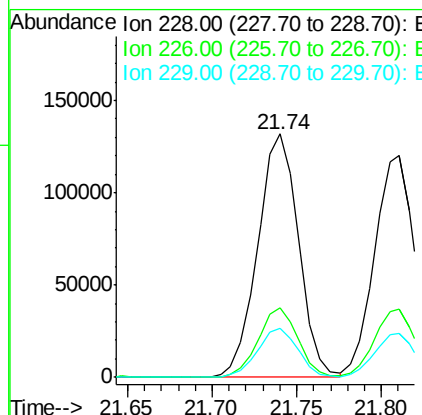
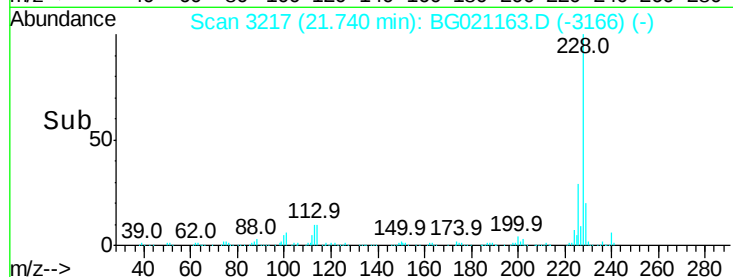
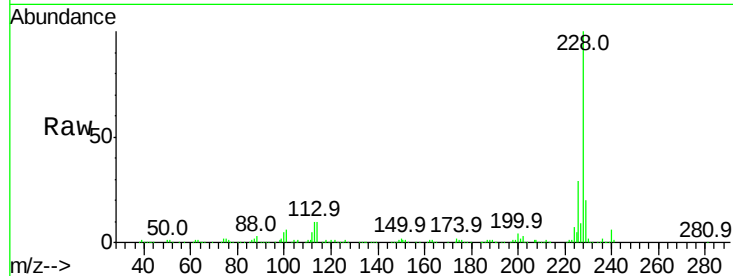
#80
Benzo(a)anthracene
Concen: 50.76 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.00 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	20.4	15.5	23.3

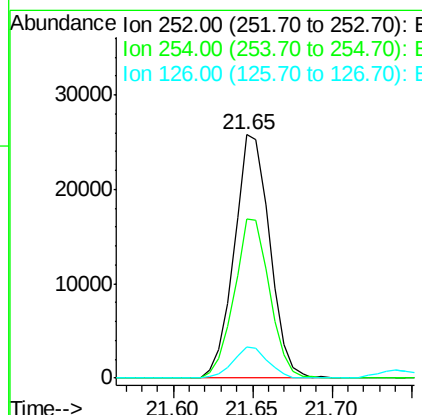
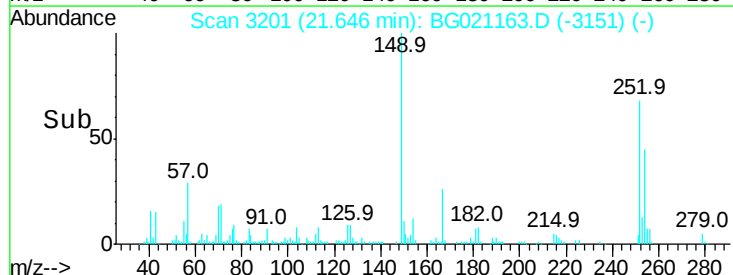
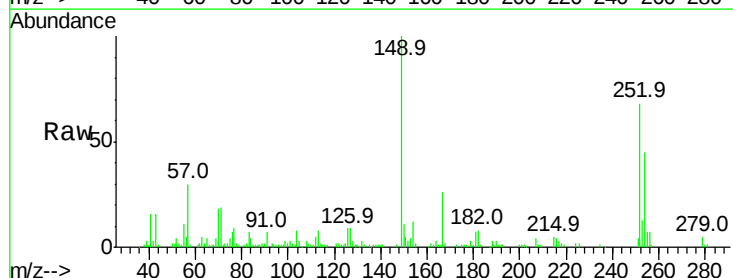
Manual Integrations
APPROVED

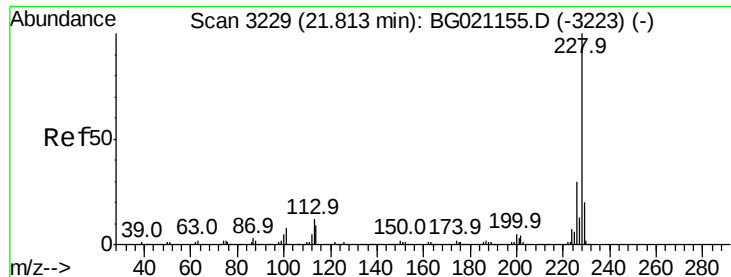
Sohil
3/1/2016 3:01:46 PM



#81
3,3'-Dichlorobenzidine
Concen: 24.13 ng
RT: 21.65 min Scan# 3201
Delta R.T. -0.01 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.6	79.0
126	12.7	8.3	12.5#





#82

Chrysene

Concen: 48.03 ng

RT: 21.81 min Scan# 3229

Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

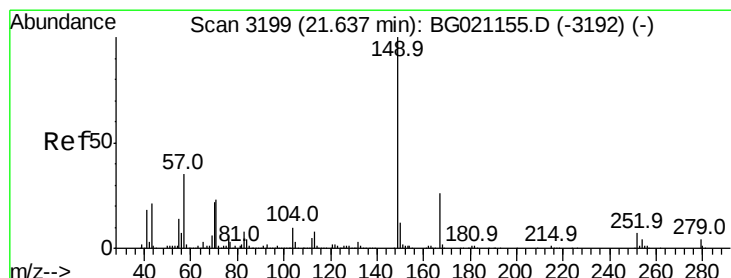
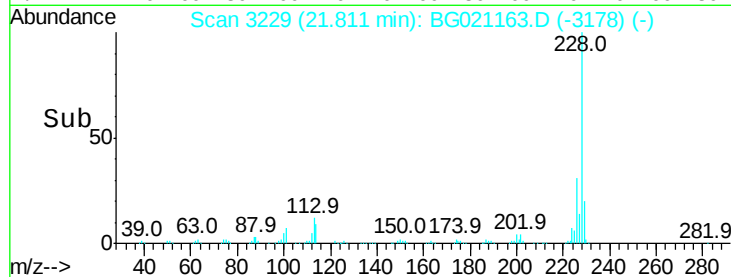
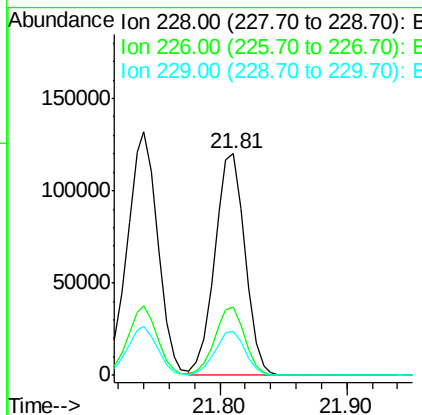
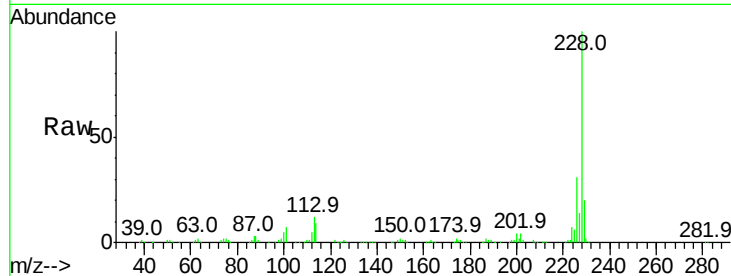
ClientSampleId :

CEB-6(12-14)20160224MS

Tot Ion:	228	Resp:	198644
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.7	35.5
229	19.8	16.7	25.1

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 51.25 ng

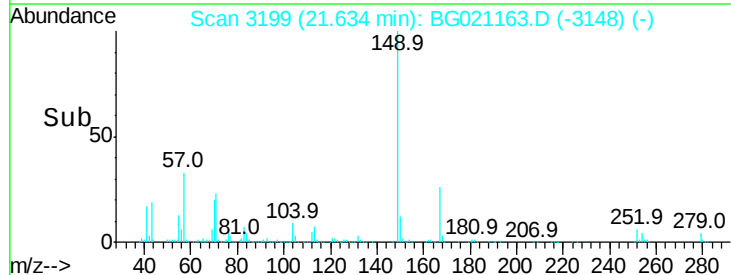
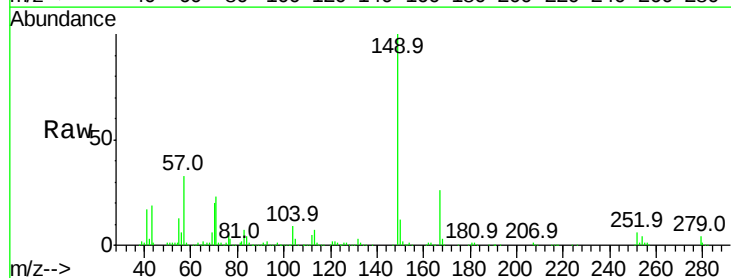
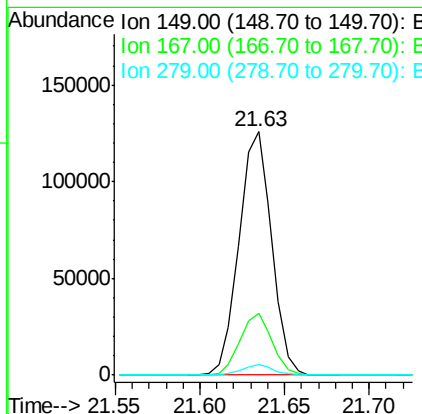
RT: 21.63 min Scan# 3199

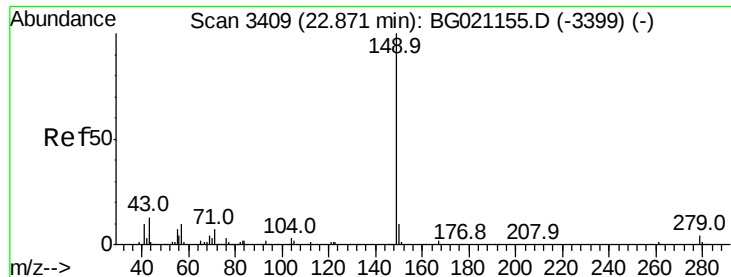
Delta R.T. -0.00 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Tgt Ion:	149	Resp:	168580
Ion Ratio	Lower	Upper	
149	100		
167	25.5	18.9	28.3
279	4.2	3.0	4.6





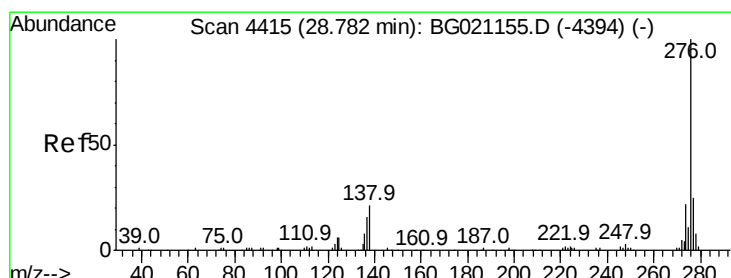
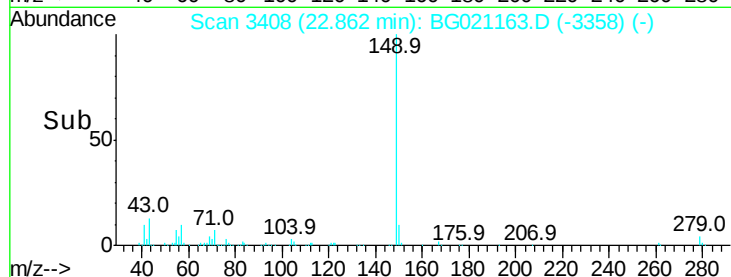
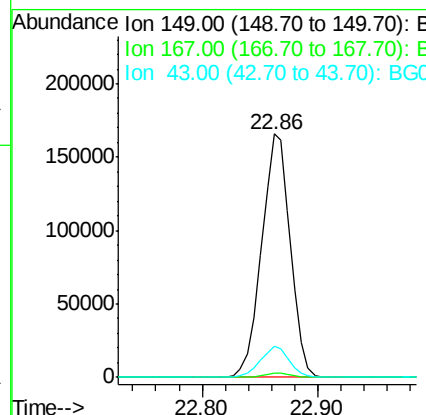
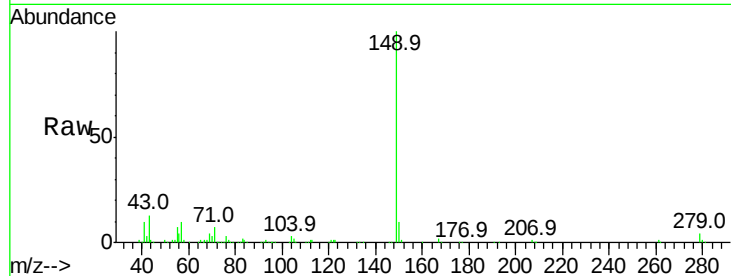
#84
Di-n-octyl phthalate
Concen: 52.20 ng
RT: 22.86 min Scan# 3408
Delta R.T. -0.01 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.1	1.7
43	12.6	9.8	14.8

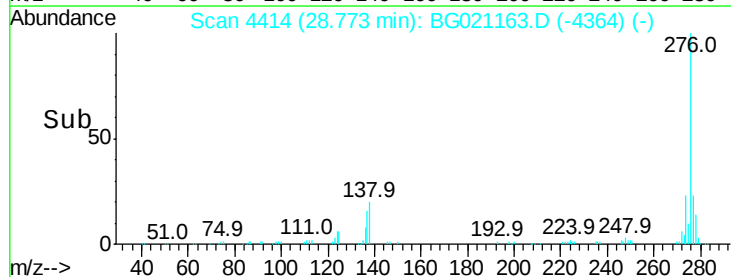
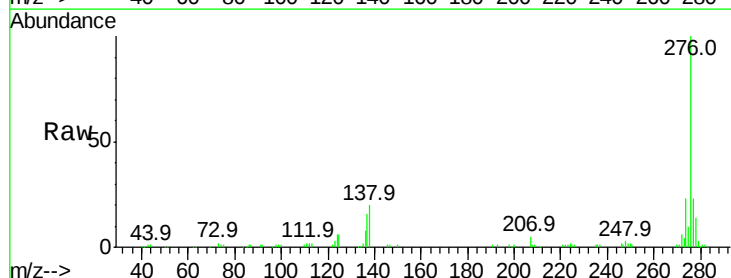
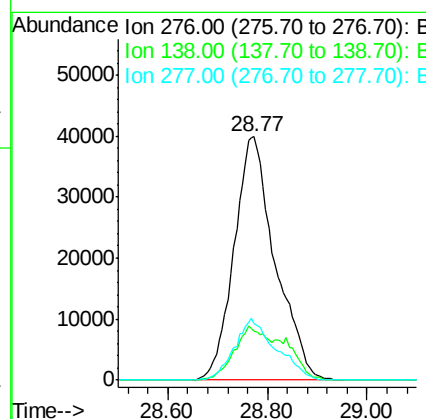
Manual Integrations
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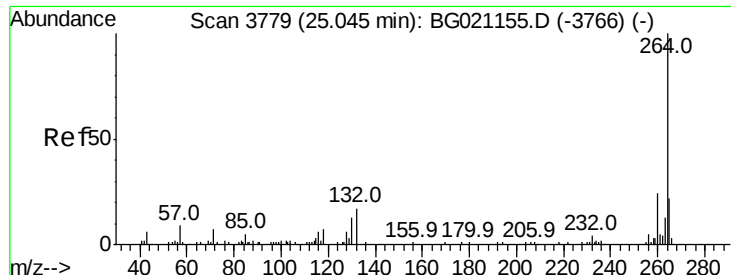
Sohil
3/1/2016 3:01:46 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 48.13 ng
RT: 28.77 min Scan# 4414
Delta R.T. -0.01 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	17.7	0.0	0.0#
277	25.6	0.0	0.0#





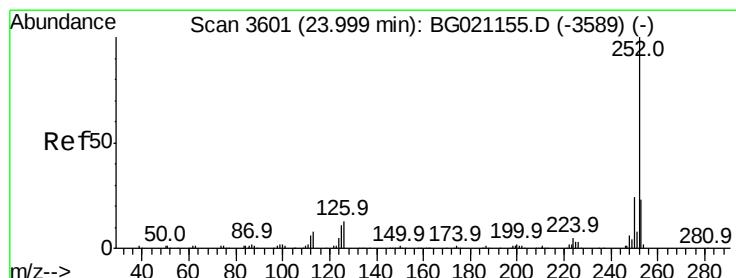
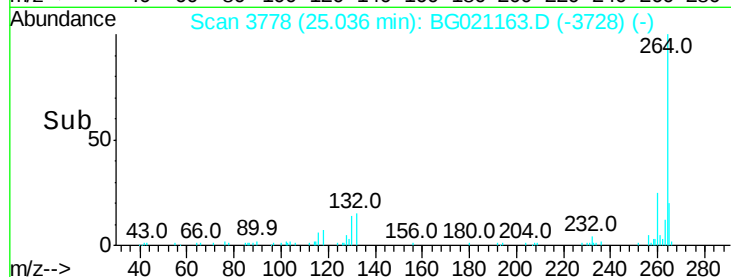
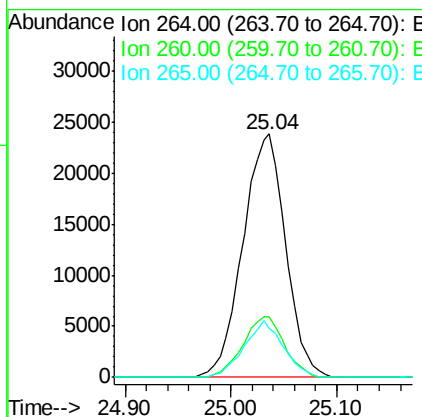
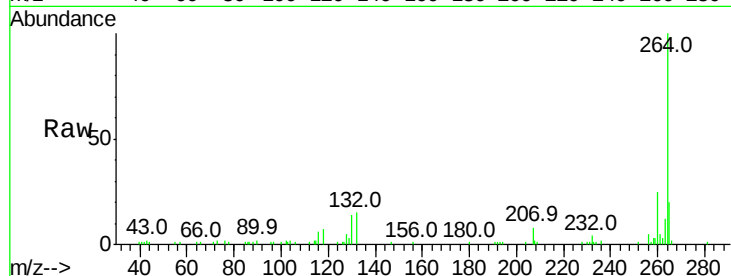
#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

Tot Ion:	264	Resp:	66721
Ion Ratio	Lower	Upper	
264	100		
260	24.8	18.5	27.7
265	20.2	18.6	28.0

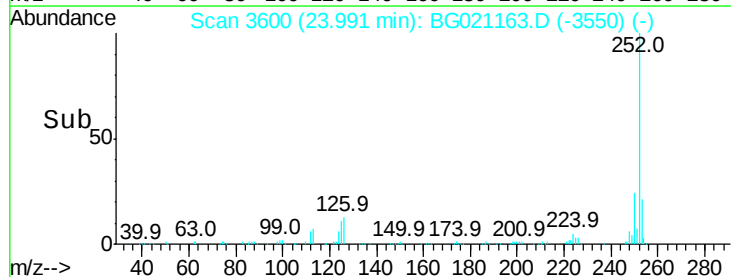
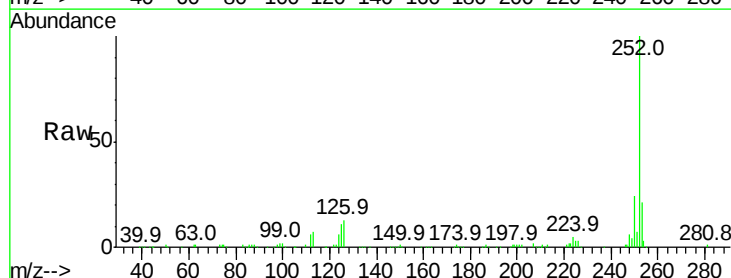
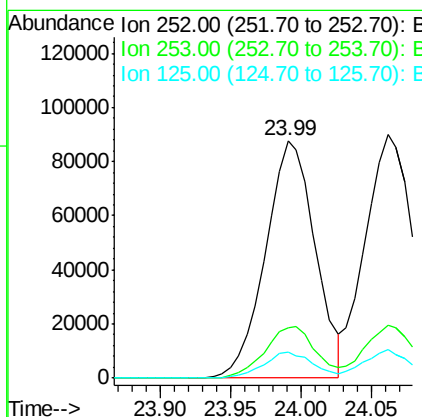
Manual Integrations
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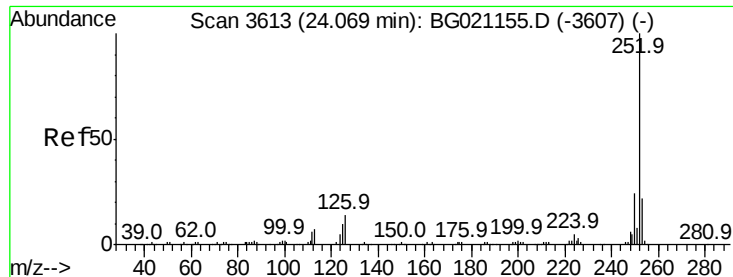
Sohil
3/1/2016 3:01:46 PM



#87
Benzo(b)fluoranthene
Concen: 51.12 ng
RT: 23.99 min Scan# 3600
Delta R.T. -0.01 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion:	252	Resp:	214553
Ion Ratio	Lower	Upper	
252	100		
253	21.3	16.8	25.2
125	10.8	8.2	12.2





#88

Benzo(k)fluoranthene

Concen: 49.74 ng

RT: 24.06 min Scan# 3612

Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Instrument :

BNA_G

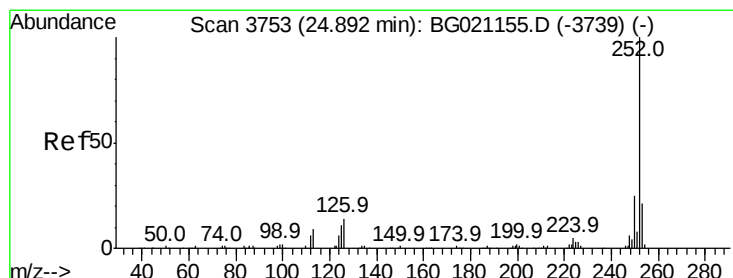
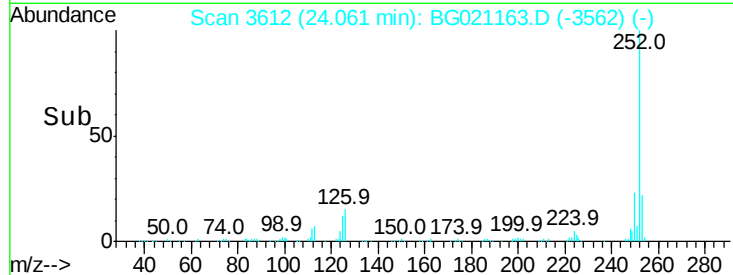
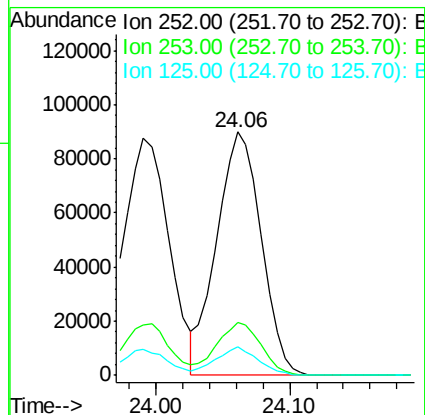
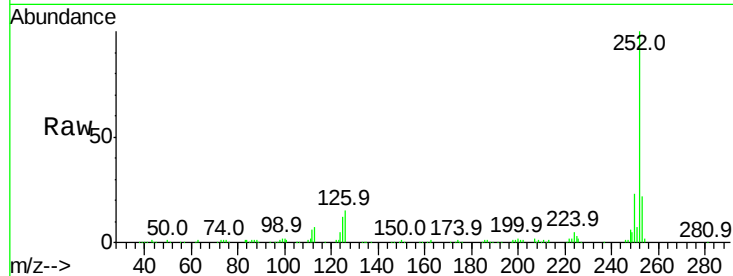
ClientSampleId :

CEB-6(12-14)20160224MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	209060		
253	21.6	16.4	24.6	
125	11.5	8.2	12.2	

Manual Integrations
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3/1/2016 3:01:46 PM



#89

Benzo(a)pyrene

Concen: 50.86 ng

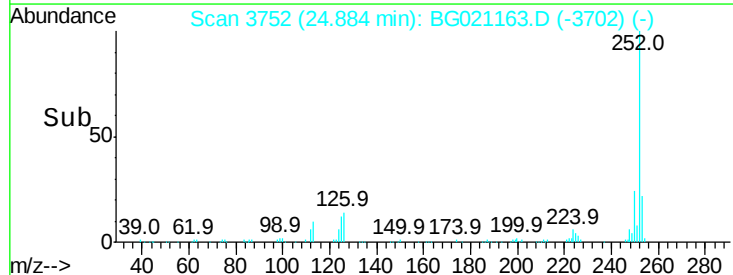
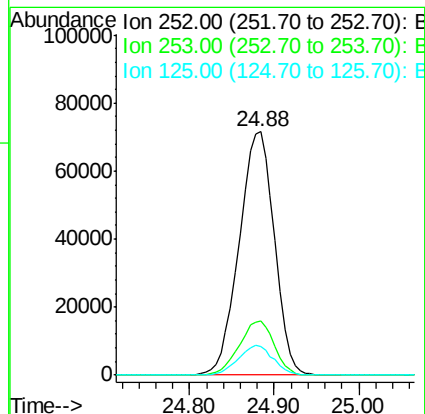
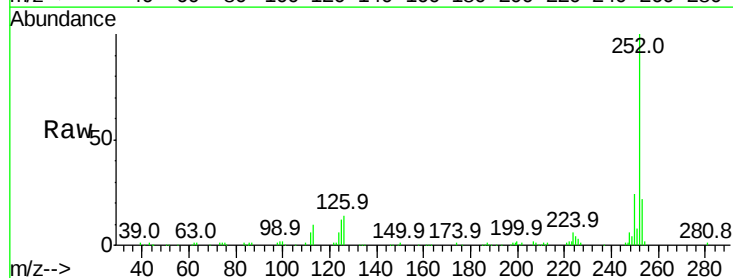
RT: 24.88 min Scan# 3752

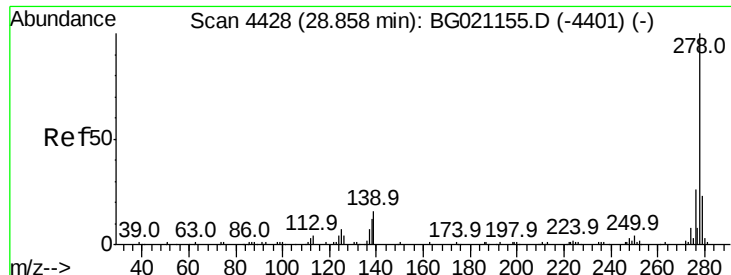
Delta R.T. -0.01 min

Lab File: BG021163.D

Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	206389		
253	22.2	15.8	23.8	
125	12.0	8.4	12.6	





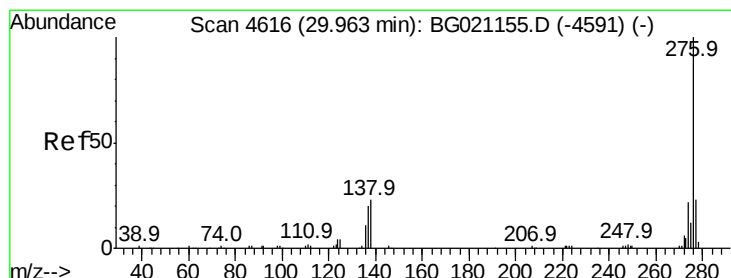
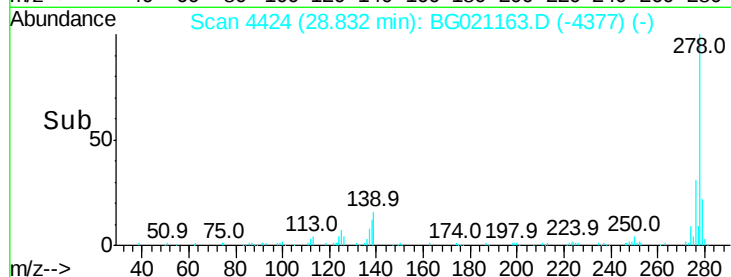
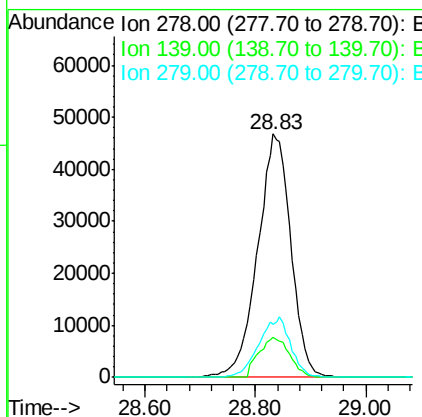
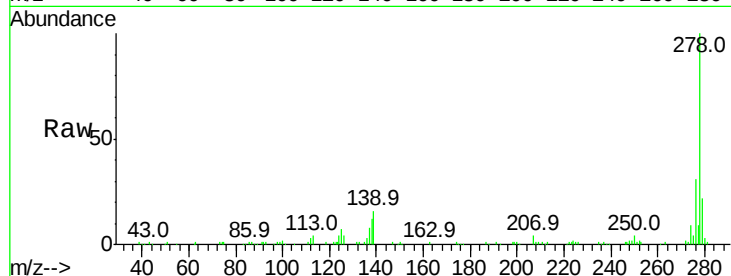
#90
Dibenzo(a,h)anthracene
Concen: 48.63 ng
RT: 28.83 min Scan# 4424
Delta R.T. -0.03 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	10.6	15.8#
279	21.9	19.7	29.5

Manual Integrations
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3/1/2016 3:01:46 PM



#91
Benzo(g,h,i)perylene
Concen: 48.05 ng
RT: 29.94 min Scan# 4612
Delta R.T. -0.03 min
Lab File: BG021163.D
Acq: 29 Feb 2016 20:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	16.6	25.0
138	21.2	14.6	21.8

