

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
 Data File : BG021164.D
 Acq On : 29 Feb 2016 20:53
 Operator : UM/SJ
 Sample : H1578-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 3/1/2016 3:01:49 PM

Quant Time: Mar 01 09:59:31 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	8507	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	45442	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	29663	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	72752	20.00	ng	0.00
75) Chrysene-d12	21.76	240	73647	20.00	ng	0.00
86) Perylene-d12	25.03	264	67738	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	97490	182.19	ng	0.00
7) Phenol-d6	7.30	99	163264	185.55	ng	0.00
23) Nitrobenzene-d5	9.32	82	116099	108.11	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	54644	177.06	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	200881	96.16	ng	0.00
78) Terphenyl-d14	20.09	244	290272	95.48	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	10593	44.08	ng	# 85
3) Pyridine	3.99	79	33683	44.34	ng	91
4) n-Nitrosodimethylamine	3.90	42	18841	49.23	ng	# 91
6) Aniline	7.47	93	42314	36.28	ng	# 88
8) 2-Chlorophenol	7.71	128	39074	59.56	ng	84
9) Benzaldehyde	7.29	77	6932	12.61	ng	84
10) Phenol	7.33	94	59630	63.58	ng	80
11) bis(2-Chloroethyl)ether	7.57	93	39106	54.09	ng	94
12) 1,3-Dichlorobenzene	8.04	146	33972	50.50	ng	# 90
13) 1,4-Dichlorobenzene	8.19	146	35603	51.41	ng	95
14) 1,2-Dichlorobenzene	8.51	146	35134	53.19	ng	95
15) Benzyl Alcohol	8.38	79	49933	62.14	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.68	45	63927	51.22	ng	97
17) 2-Methylphenol	8.58	107	39657	61.10	ng	# 91
18) Hexachloroethane	9.24	117	14554	50.18	ng	98
19) n-Nitroso-di-n-propylamine	8.95	70	43196	53.14	ng	94
20) 3+4-Methylphenols	8.91	107	55482	60.36	ng	93
22) Acetophenone	8.98	105	66001	48.81	ng	# 94
24) Nitrobenzene	9.36	77	61348	52.34	ng	# 88
25) Isophorone	9.88	82	119522	51.35	ng	95
26) 2-Nitrophenol	10.07	139	22597	52.93	ng	# 62
27) 2,4-Dimethylphenol	10.12	122	42863	55.96	ng	85
28) bis(2-Chloroethoxy)methane	10.36	93	59749	55.30	ng	96
29) 2,4-Dichlorophenol	10.60	162	40663	58.93	ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	35779	51.41	ng	95
31) Naphthalene	11.01	128	125214	52.85	ng	99
33) 4-Chloroaniline	11.11	127	24589	22.50	ng	# 87
34) Hexachlorobutadiene	11.29	225	21266	50.19	ng	97
35) Caprolactam	11.90	113	18859m	56.06	ng	
36) 4-Chloro-3-methylphenol	12.22	107	59648	56.98	ng	85
37) 2-Methylnaphthalene	12.60	142	95303	56.50	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	45005	50.53	ng	# 97
40) Hexachlorocyclopentadiene	12.94	237	51749	105.95	ng	98
42) 2,4,6-Trichlorophenol	13.20	196	37343	55.82	ng	99

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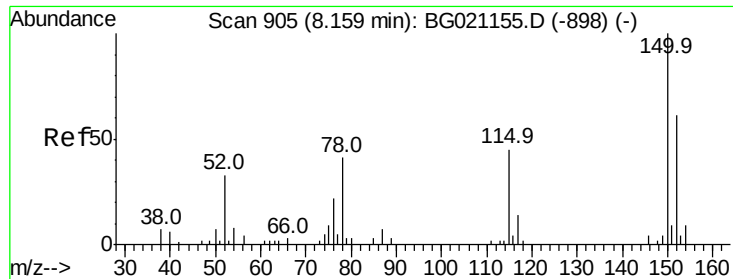
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.27	196	41486	57.99	nq	# 92
45) 1,1'-Biphenyl	13.60	154	124353	50.97	nq	96
46) 2-Chloronaphthalene	13.64	162	97275	53.12	nq	95
47) 2-Nitroaniline	13.84	65	49514	55.48	nq	# 75
48) Acenaphthylene	14.49	152	162971	52.56	nq	97
49) Dimethylphthalate	14.21	163	187637	70.98	nq	99
50) 2,6-Dinitrotoluene	14.33	165	31098	56.22	nq	# 61
51) Acenaphthene	14.82	154	103413	52.54	nq	98
52) 3-Nitroaniline	14.66	138	21752	35.44	nq	# 65
53) 2,4-Dinitrophenol	14.86	184	7931	30.32	nq	# 79
54) Dibenzofuran	15.16	168	155304	59.09	nq	91
55) 4-Nitrophenol	14.96	139	57007	112.01	nq	# 58
56) 2,4-Dinitrotoluene	15.11	165	46047	57.80	nq	# 75
57) Fluorene	15.80	166	135991	54.30	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.38	232	35523	62.08	nq	# 93
59) Diethylphthalate	15.56	149	156031	53.40	nq	99
60) 4-Chlorophenyl-phenylether	15.79	204	67226	53.77	nq	98
61) 4-Nitroaniline	15.82	138	37001	56.46	nq	# 60
62) Azobenzene	16.08	77	184393	58.75	nq	93
64) 4,6-Dinitro-2-methylphenol	15.87	198	21989	44.06	nq	88
65) n-Nitrosodiphenylamine	16.01	169	123534	55.22	nq	93
66) 4-Bromophenyl-phenylether	16.68	248	40365	53.09	nq	# 90
67) Hexachlorobenzene	16.80	284	39094	52.98	nq	# 87
68) Atrazine	16.95	200	45627	59.56	nq	98
69) Pentachlorophenol	17.14	266	53032	110.00	nq	90
70) Phenanthrene	17.54	178	211789	53.94	nq	100
71) Anthracene	17.63	178	214083	53.29	nq	98
72) Carbazole	17.90	167	194771	54.67	nq	97
73) Di-n-butylphthalate	18.44	149	263083	52.52	nq	# 98
74) Fluoranthene	19.53	202	238978	51.81	nq	99
76) Benzidine	19.71	184	66270	32.16	nq	98
77) Pyrene	19.89	202	246122	56.02	nq	97
79) Butylbenzylphthalate	20.77	149	123681	55.16	nq	88
80) Benzo(a)anthracene	21.74	228	241709	55.43	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	44014	26.68	nq	97
82) Chrysene	21.81	228	217963	52.75	nq	98
83) Bis(2-ethylhexyl)phthalate	21.63	149	181379	55.19	nq	96
84) Di-n-octyl phthalate	22.86	149	311217	56.86	nq	100
85) Indeno(1,2,3-cd)pyrene	28.77	276	252502	53.29	nq	# 100
87) Benzo(b)fluoranthene	24.00	252	236533	55.52	nq	98
88) Benzo(k)fluoranthene	24.07	252	232493	54.48	nq	97
89) Benzo(a)pyrene	24.88	252	226794	55.05	nq	95
90) Dibenzo(a,h)anthracene	28.84	278	214345	52.60	nq	98
91) Benzo(g,h,i)perylene	29.95	276	203415	51.67	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: BG021164.D

Acq: 29 Feb 2016 20:53

Instrument :

BNA_G

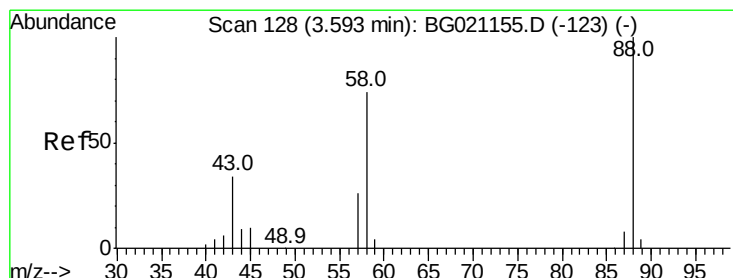
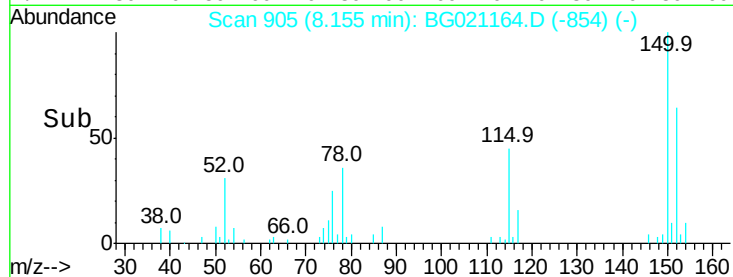
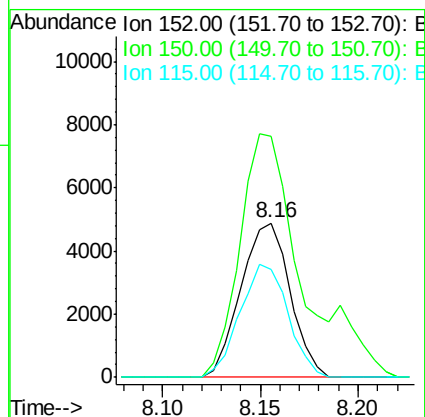
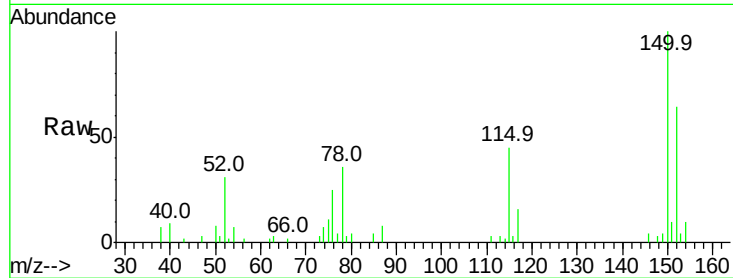
ClientSampleId :

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Tot Ion:	152	Resp:	8507
Ion Ratio	Lower	Upper	
152	100		
150	156.0	123.4	185.2
115	69.6	43.3	64.9#

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#2

1,4-Dioxane

Concen: 44.08 ng

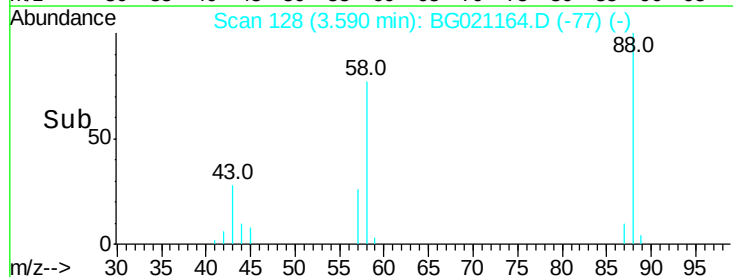
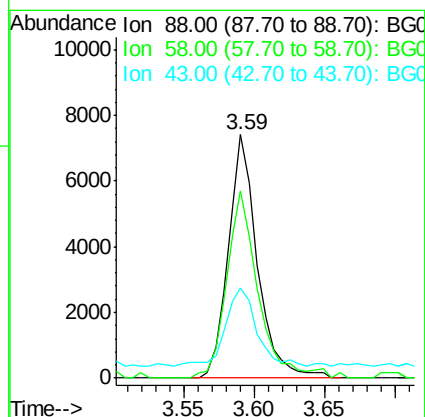
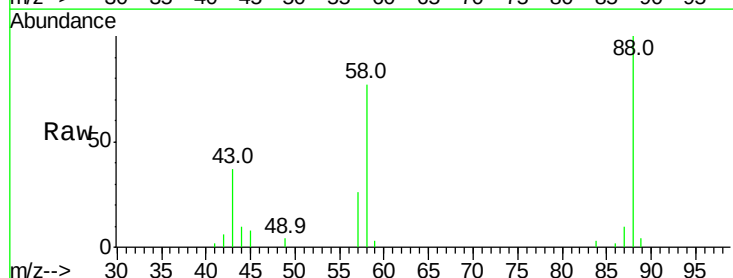
RT: 3.59 min Scan# 128

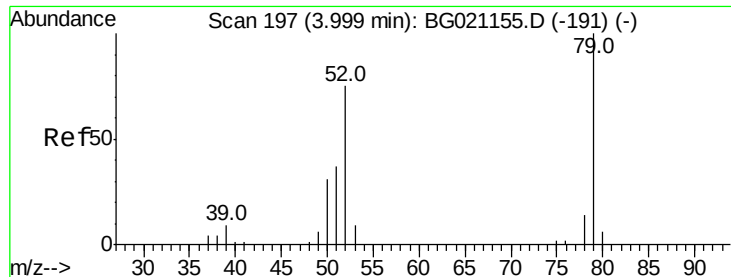
Delta R.T. -0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Tgt Ion:	88	Resp:	10593
Ion Ratio	Lower	Upper	
88	100		
58	83.6	55.9	83.9
43	34.1	22.5	33.7#





#3

Pvridine

Concen: 44.34 ng

RT: 3.99 min Scan# 196

Delta R.T. -0.01 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Instrument :

BNA_G

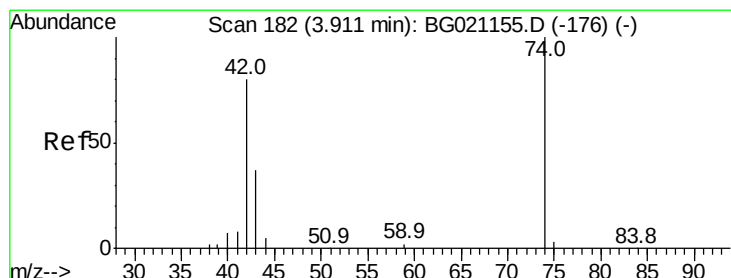
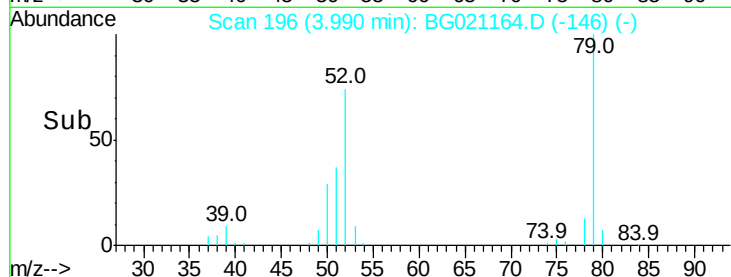
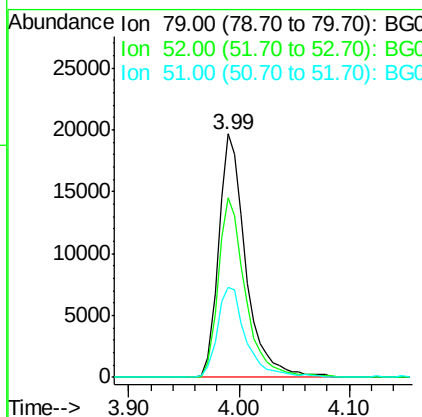
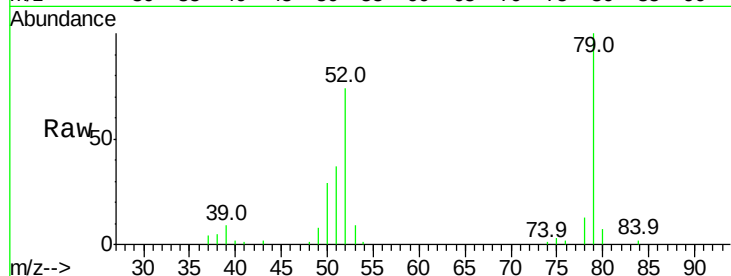
ClientSampleId :

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Tot Ion:	79	Resp:	33683
Ion Ratio	Lower	Upper	
79	100		
52	73.7	53.2	79.8
51	37.2	26.1	39.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 49.23 ng

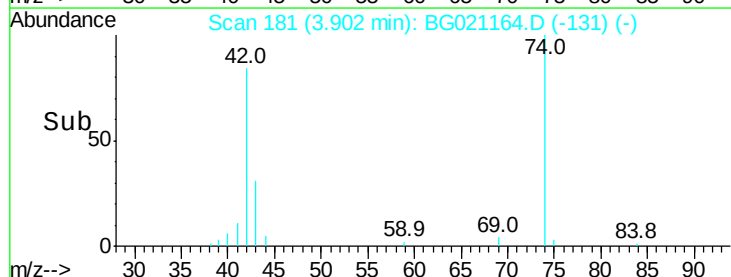
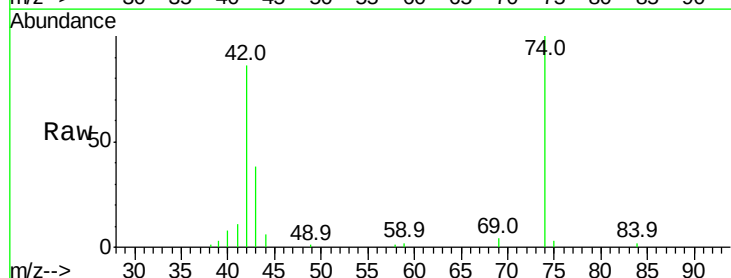
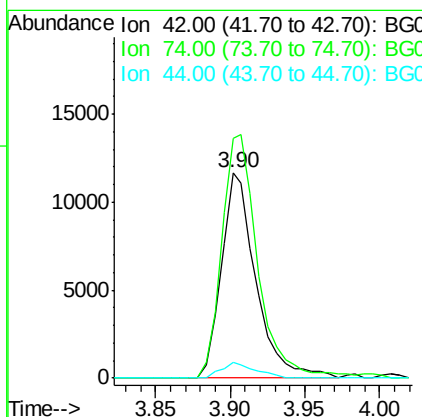
RT: 3.90 min Scan# 181

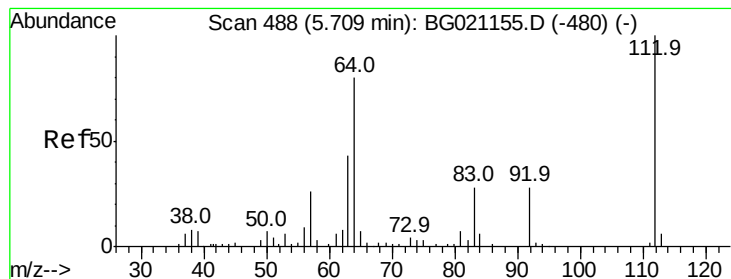
Delta R.T. -0.01 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Tgt Ion:	42	Resp:	18841
Ion Ratio	Lower	Upper	
42	100		
74	116.7	102.3	153.5
44	7.4	4.8	7.2#





#5

2-Fluorophenol

Concen: 182.19 ng

RT: 5.71 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Instrument :

BNA_G

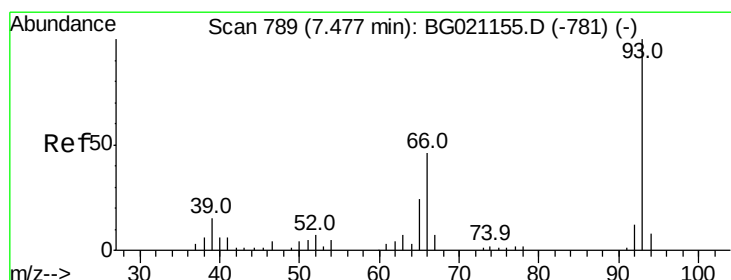
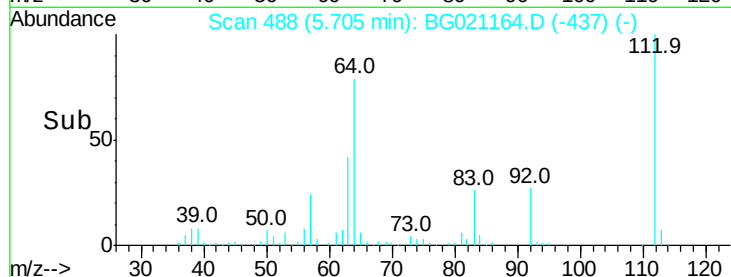
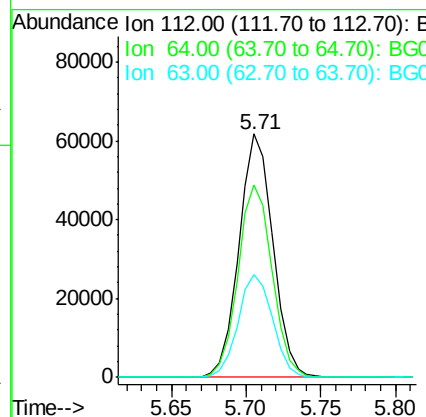
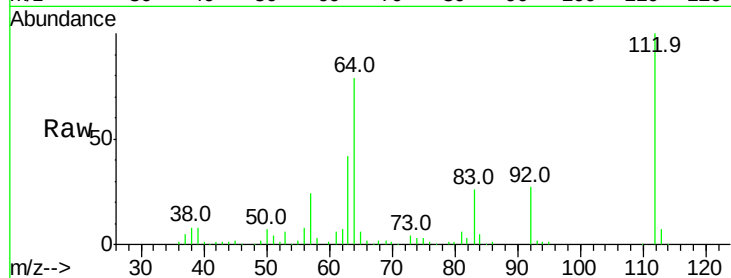
ClientSampleId :

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Tot Ion:	112	Resp:	97490
Ion Ratio	Lower	Upper	
112	100		
64	79.2	42.6	63.8#
63	42.0	21.7	32.5#

Manual Integrations
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#6

Aniline

Concen: 36.28 ng

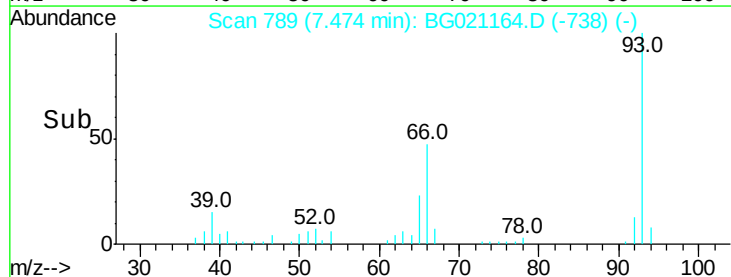
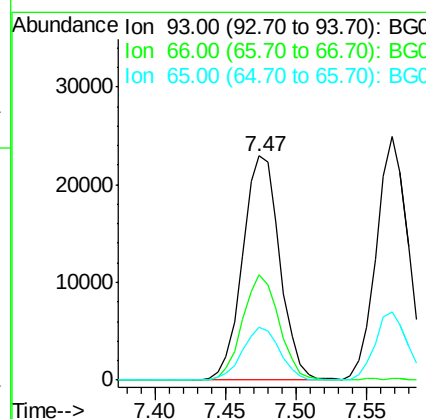
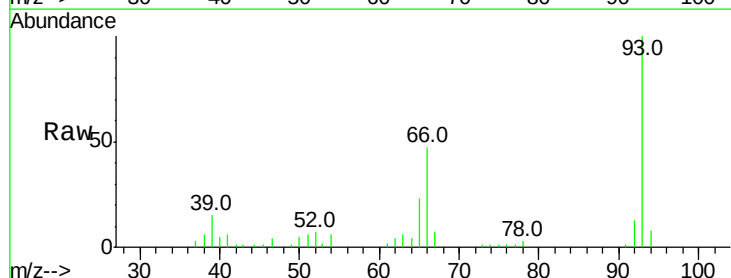
RT: 7.47 min Scan# 789

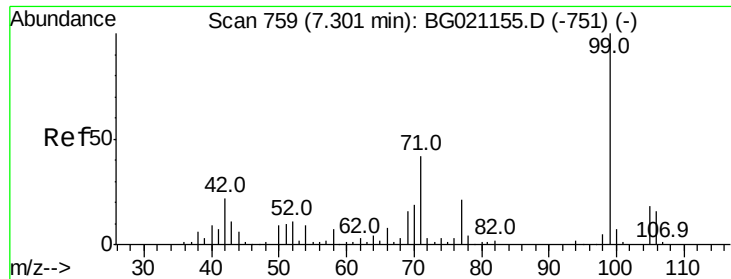
Delta R.T. -0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Tgt Ion:	93	Resp:	42314
Ion Ratio	Lower	Upper	
93	100		
66	46.9	30.1	45.1#
65	23.4	16.6	24.8





#7

Phenol-d6

Concen: 185.55 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MSD

Tot Ion: 99 Resp: 163264

Ion Ratio Lower Upper

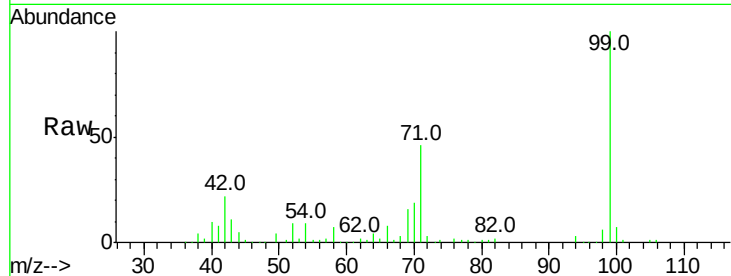
99 100

42 22.0 13.2 19.8#

71 46.0 25.2 37.8#

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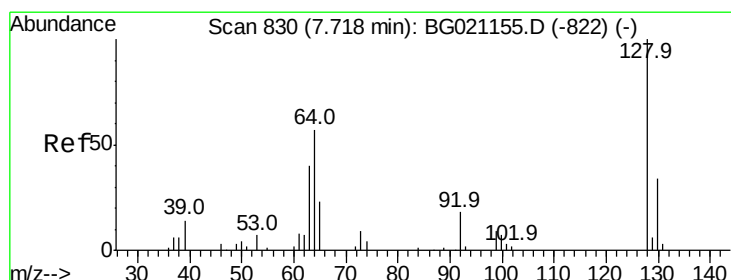
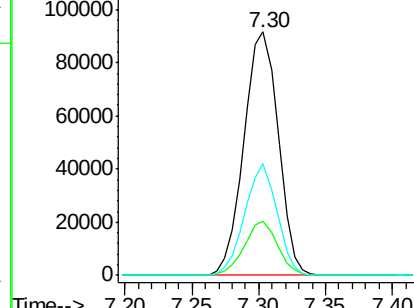
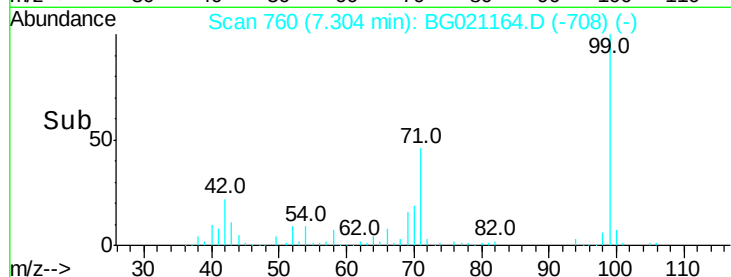
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 59.56 ng

RT: 7.71 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

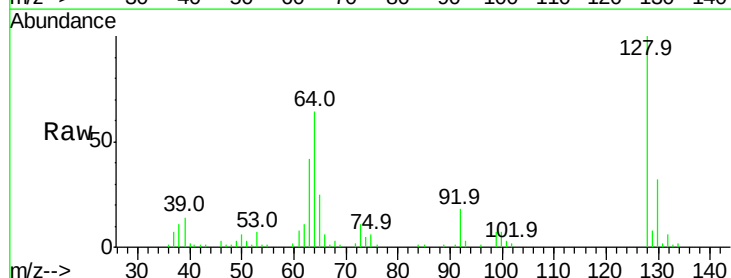
Tgt Ion: 128 Resp: 39074

Ion Ratio Lower Upper

128 100

130 32.5 11.9 51.9

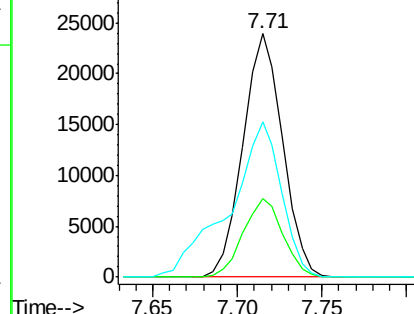
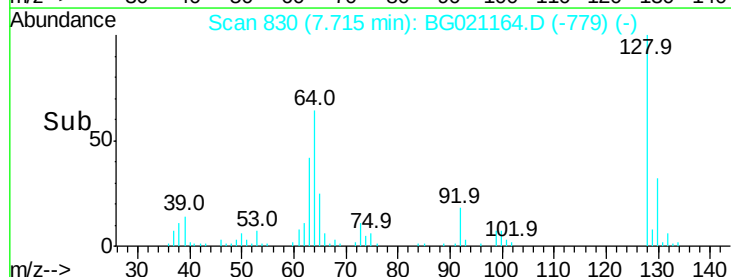
64 63.6 25.8 65.8

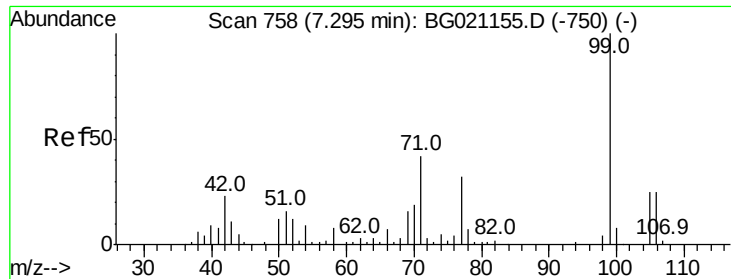


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 12.61 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Instrument :

BNA_G

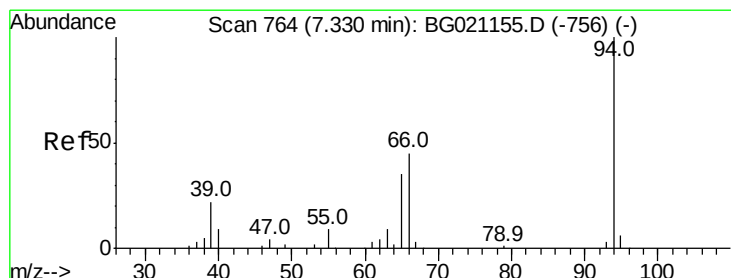
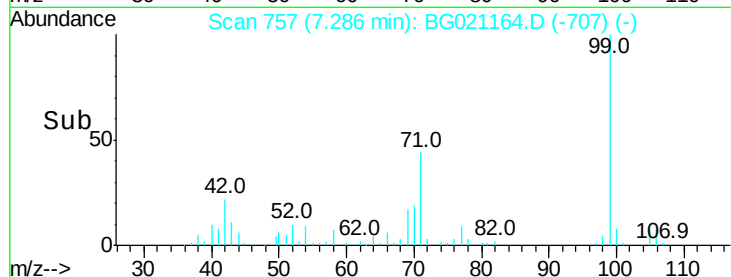
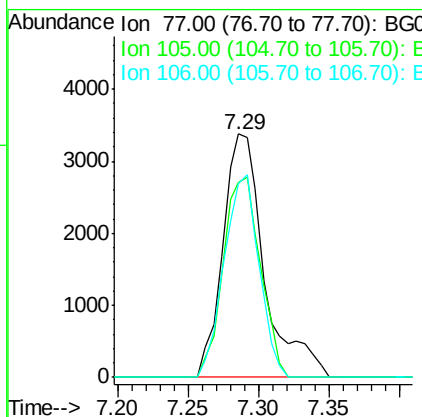
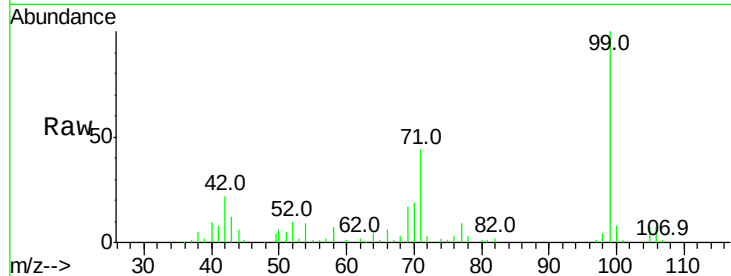
ClientSampleId :

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Tot Ion:	77	Resp:	6932
Ion	Ratio	Lower	Upper
77	100		
105	80.1	77.4	117.4
106	79.6	72.8	112.8

Manual Integrations
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#10

Phenol

Concen: 63.58 ng

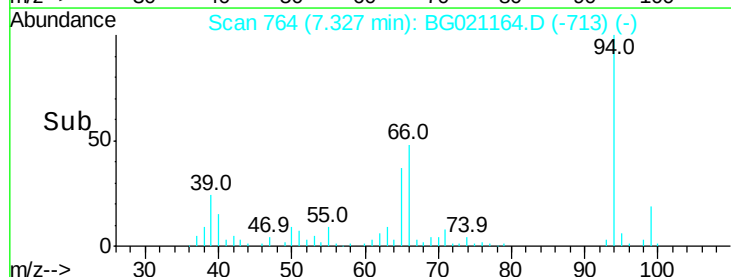
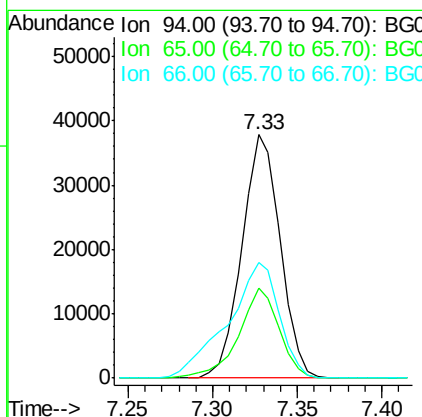
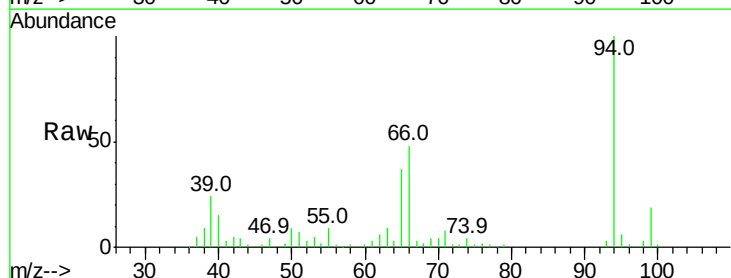
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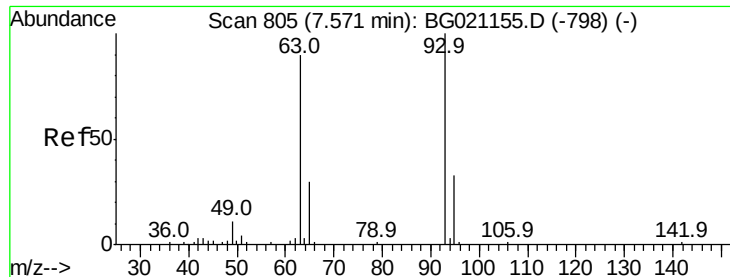
Delta R.T. -0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Tgt Ion:	94	Resp:	59630
Ion	Ratio	Lower	Upper
94	100		
65	36.9	7.2	47.2
66	47.7	15.4	55.4





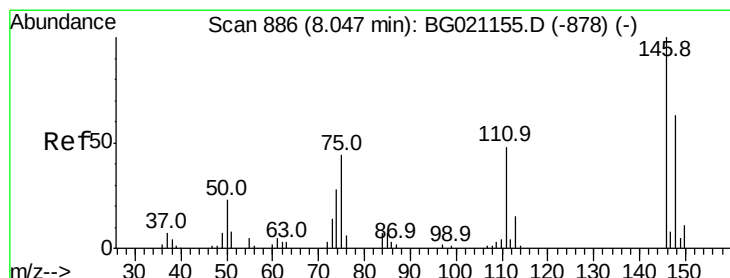
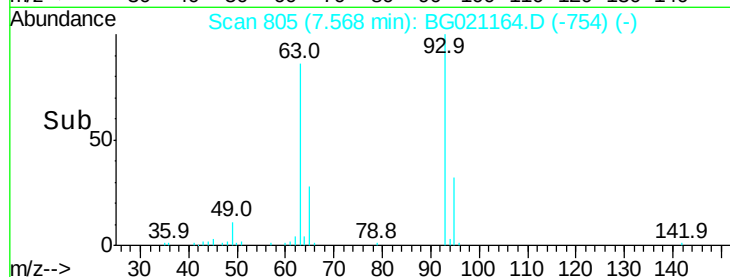
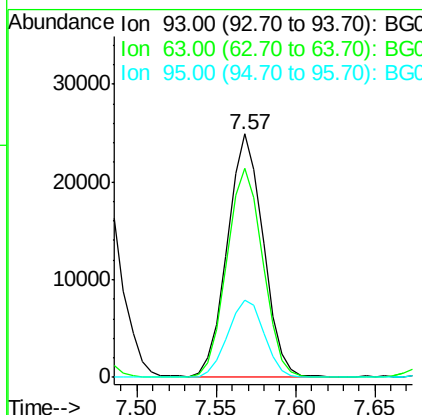
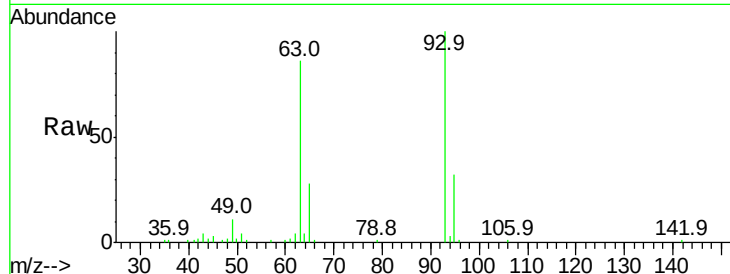
#11
bis(2-Chloroethyl)ether
Concen: 54.09 ng
RT: 7.57 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.9	60.5	100.5
95	31.9	14.6	54.6

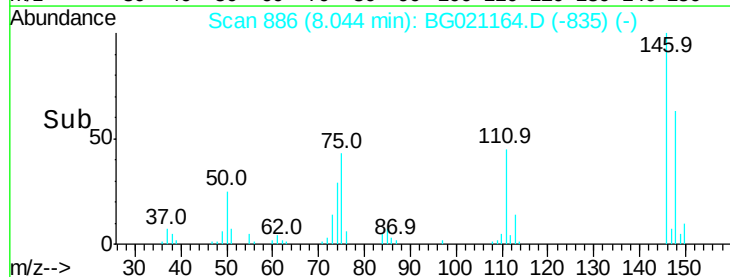
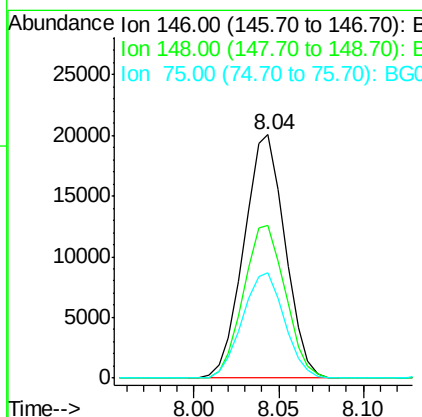
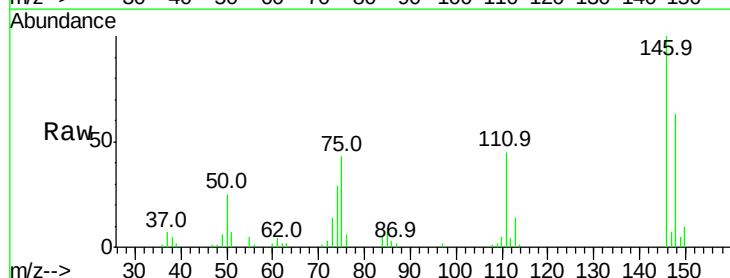
Manual Integrations
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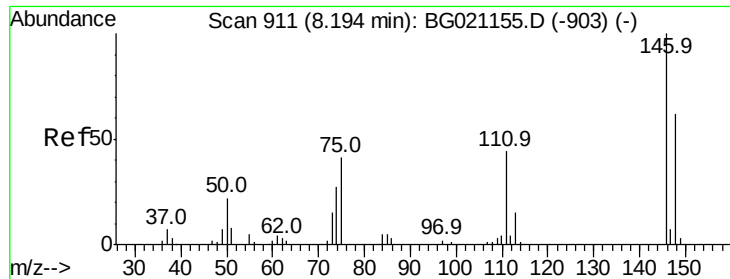
Sohil
3/1/2016 3:01:49 PM



#12
1,3-Dichlorobenzene
Concen: 50.50 ng
RT: 8.04 min Scan# 886
Delta R.T. -0.00 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.6	78.8
75	43.2	24.0	36.0#





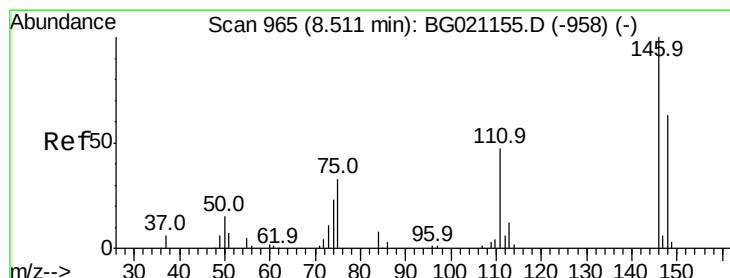
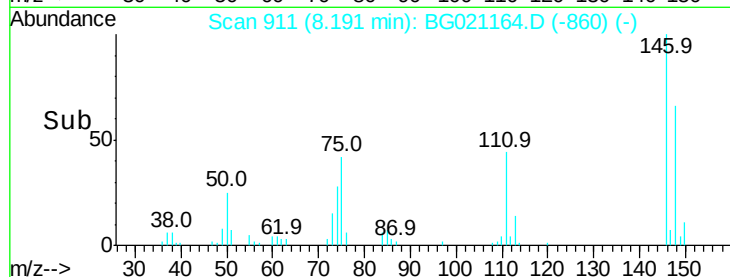
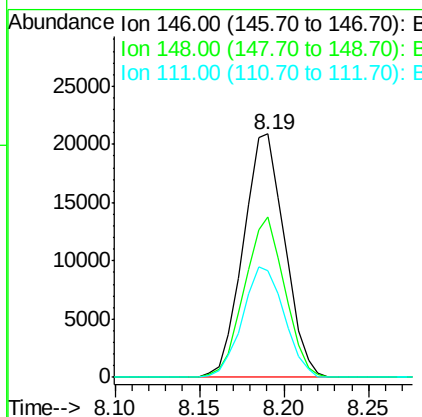
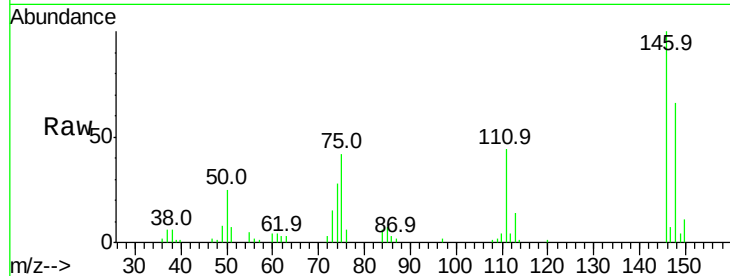
#13
 1,4-Dichlorobenzene
 Concen: 51.41 ng
 RT: 8.19 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.2	75.4
111	43.8	31.9	47.9

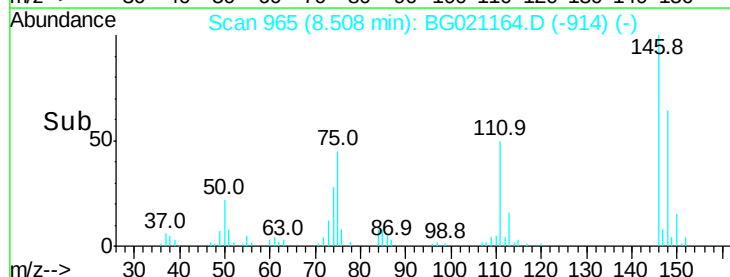
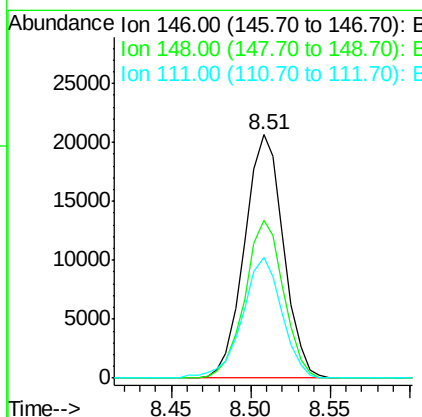
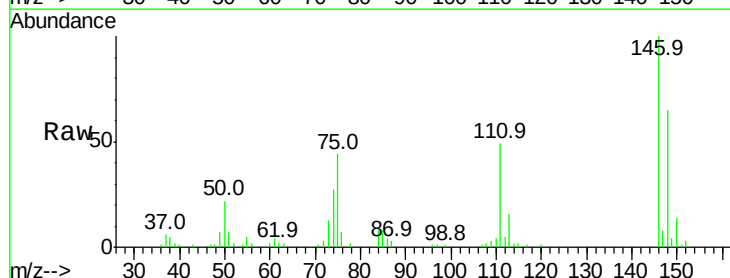
Manual Integrations
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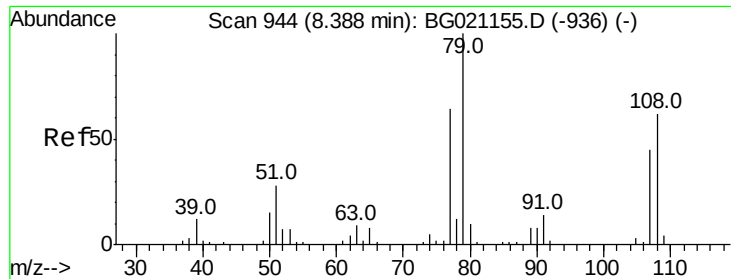
Sohil
 3/1/2016 3:01:49 PM



#14
 1,2-Dichlorobenzene
 Concen: 53.19 ng
 RT: 8.51 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.5	75.7
111	49.5	35.4	53.2





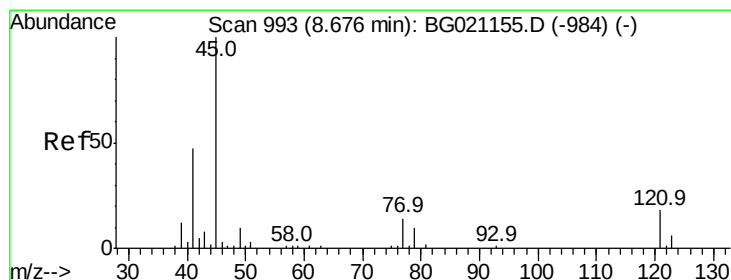
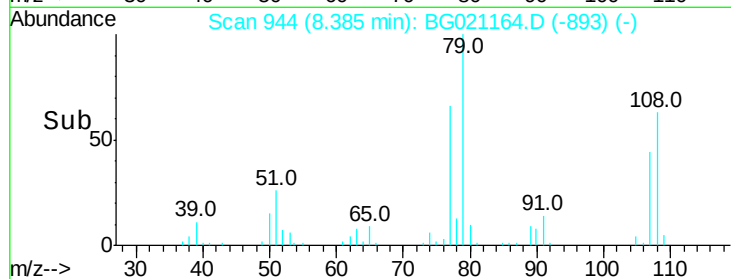
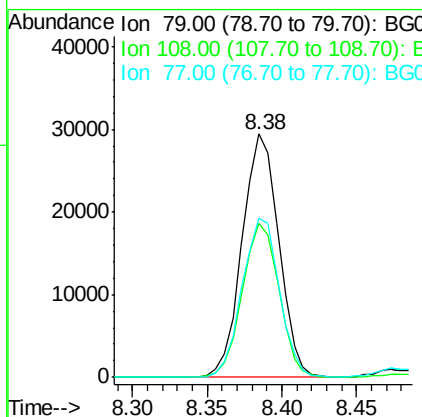
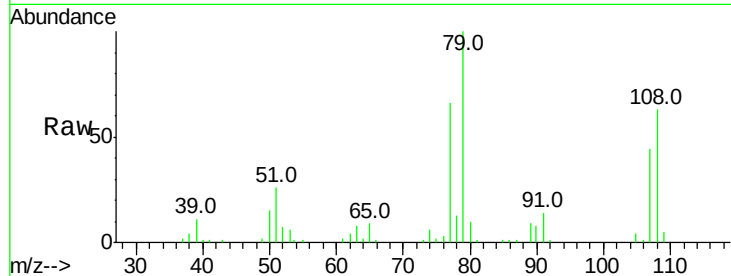
#15
Benzyl Alcohol
Concen: 62.14 ng
RT: 8.38 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

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

Tot Ion	Ratio	Lower	Upper
79	100		
108	63.1	65.1	97.7#
77	65.6	53.8	80.8

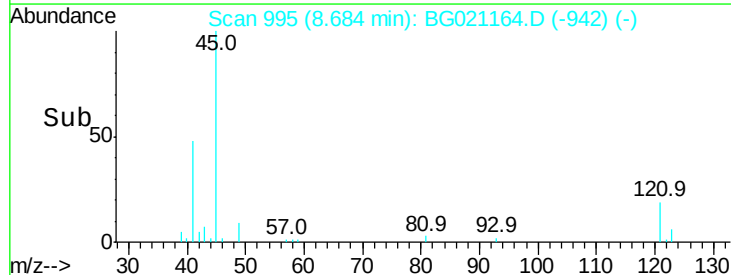
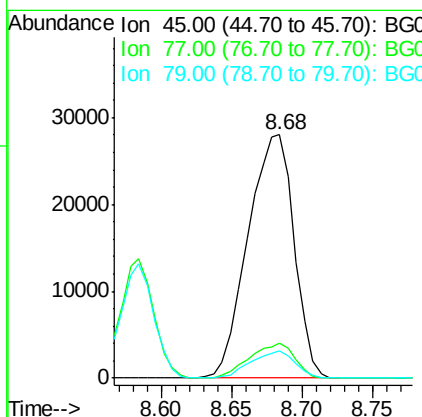
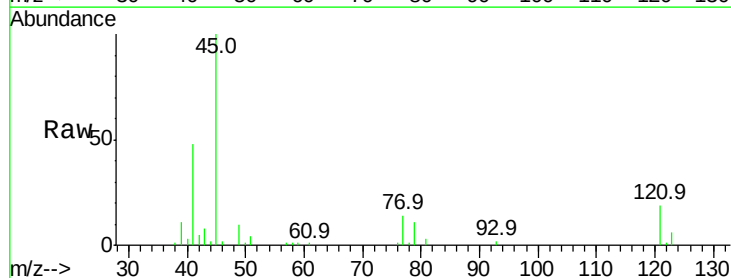
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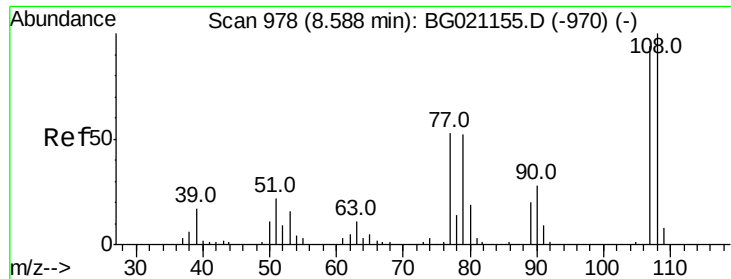
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#16
2,2'-oxybis(1-chloropropane)
Concen: 51.22 ng
RT: 8.68 min Scan# 995
Delta R.T. 0.01 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	33.3
79	11.1	0.0	29.6





#17

2-Methylphenol

Concen: 61.10 ng

RT: 8.58 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MSD

Tot Ion:107 Resp: 39657
Ion Ratio Lower Upper

107 100

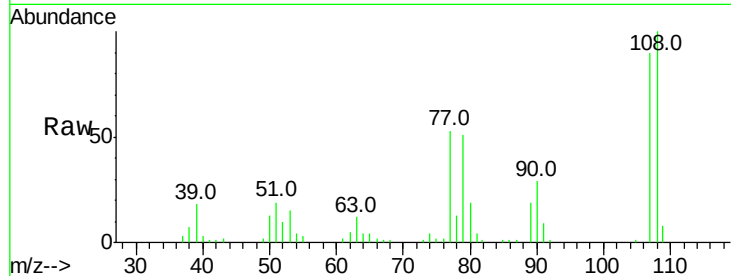
108 111.1 88.8 133.2

77 59.2 38.0 57.0#

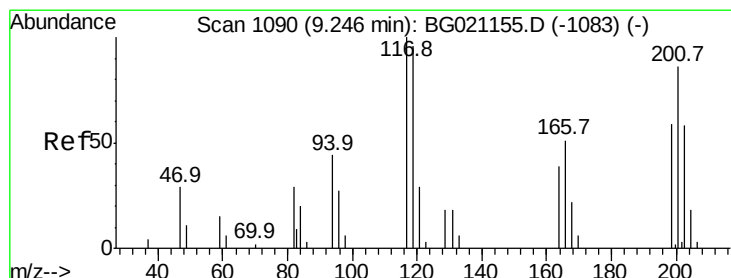
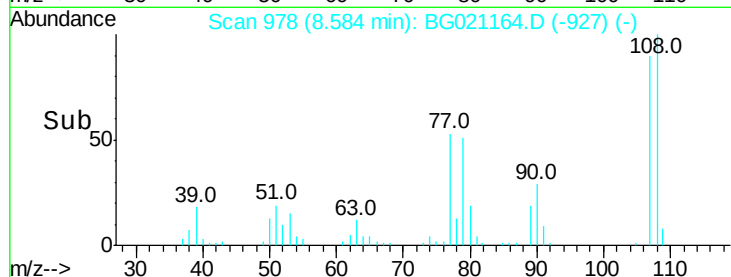
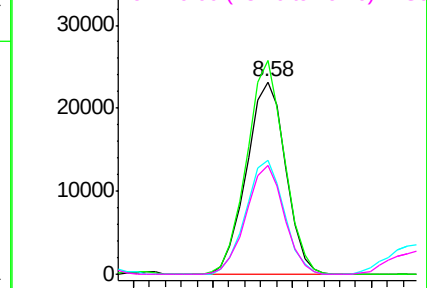
79 56.7 32.6 49.0#

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



#18

Hexachloroethane

Concen: 50.18 ng

RT: 9.24 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BG021164.D

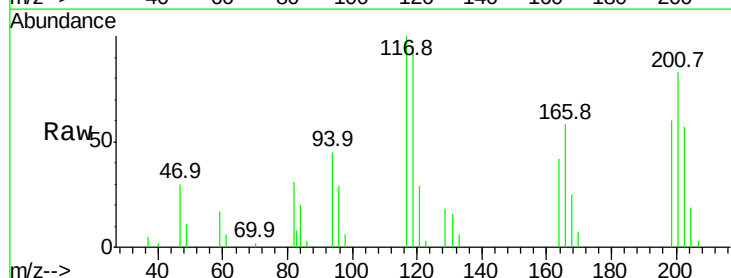
Acq: 29 Feb 2016 20:53

Tgt Ion:117 Resp: 14554
Ion Ratio Lower Upper

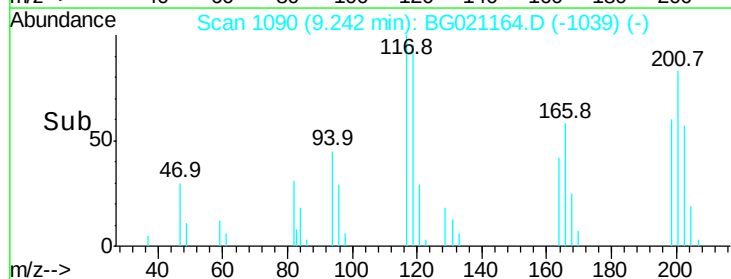
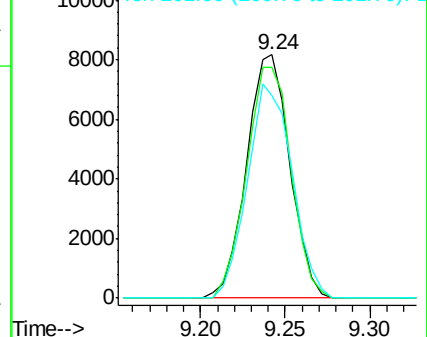
117 100

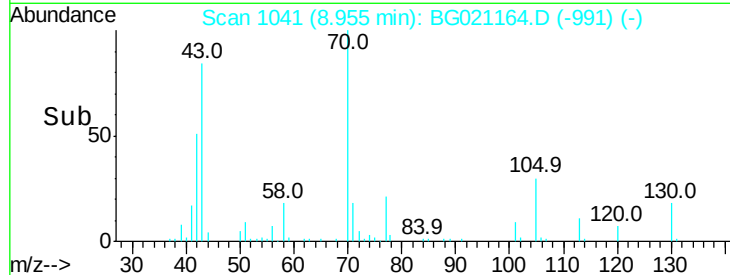
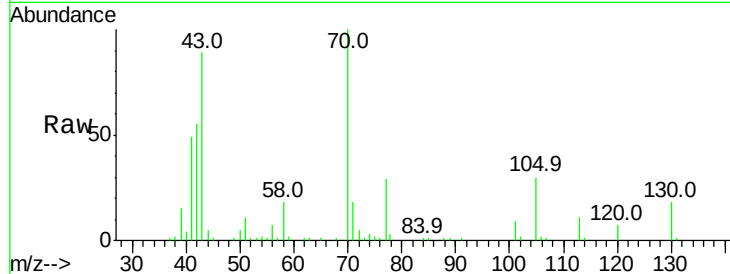
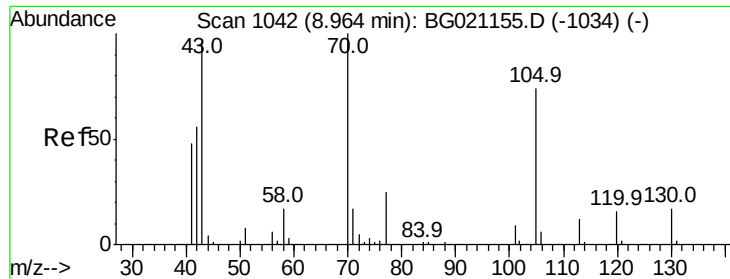
119 94.9 74.5 111.7

201 83.1 68.2 102.4



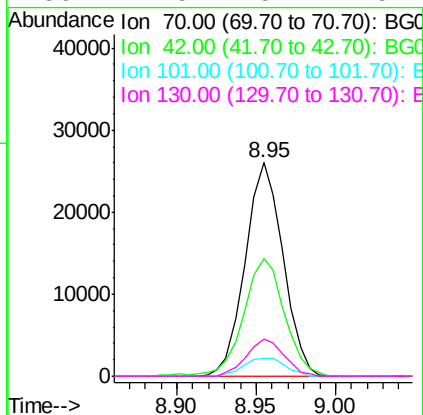
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 53.14 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

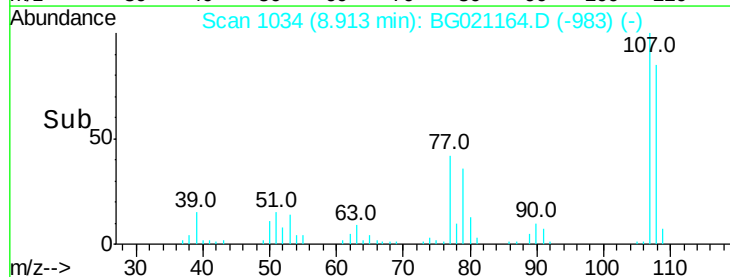
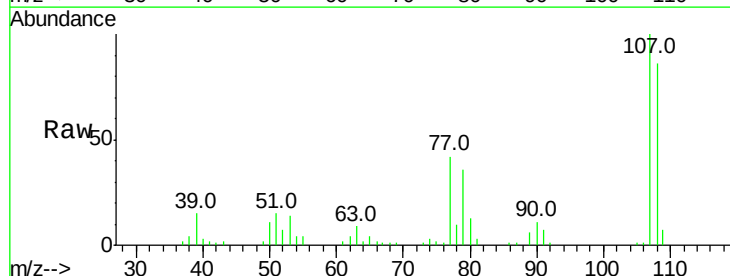
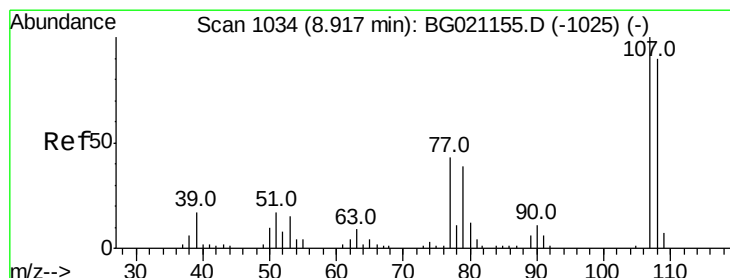
Tot Ion:	70	Resp:	43196
Ion Ratio	Lower	Upper	
70	100		
42	55.4	48.8	73.2
101	8.7	8.5	12.7
130	17.5	15.4	23.2



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

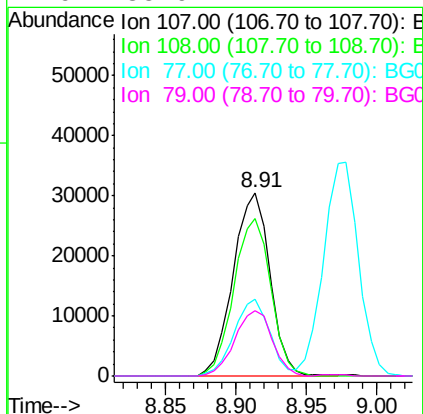
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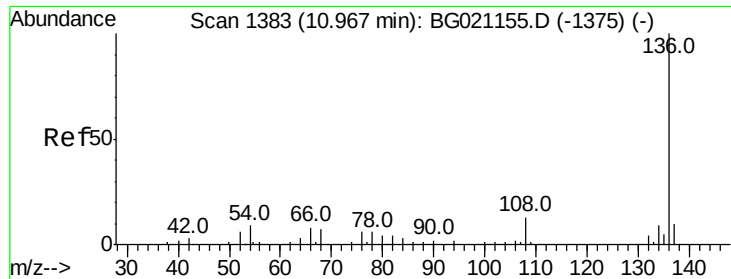
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3/1/2016 3:01:49 PM



#20
3+4-Methylphenols
Concen: 60.36 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

Tgt Ion:	107	Resp:	55482
Ion Ratio	Lower	Upper	
107	100		
108	85.7	67.6	107.6
77	42.1	14.4	54.4
79	35.9	7.7	47.7





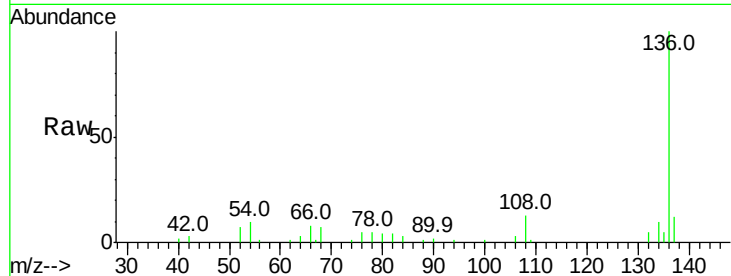
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

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

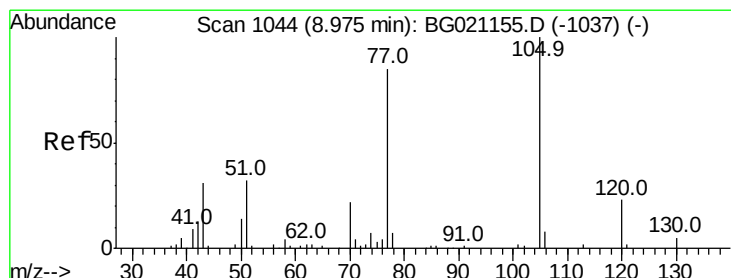
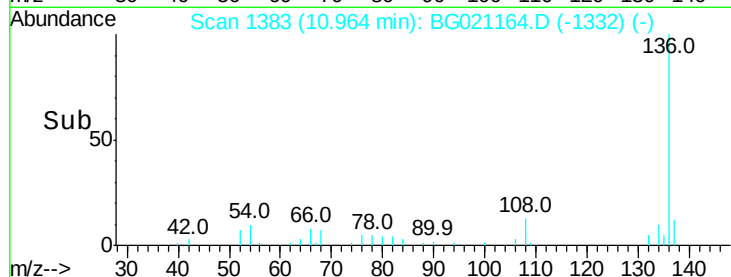
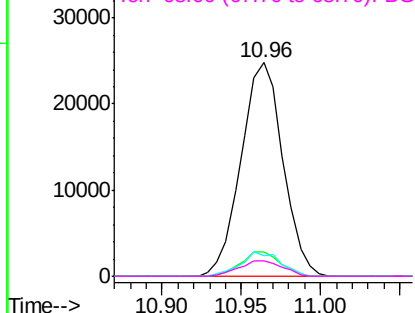
Tot Ion	Ratio	Resp	Lower	Upper
136	100	45442		
137	11.7	8.8	13.2	
54	9.8	6.9	10.3	
68	7.3	5.8	8.6	

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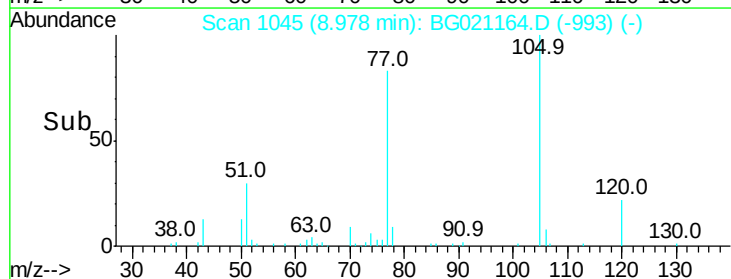
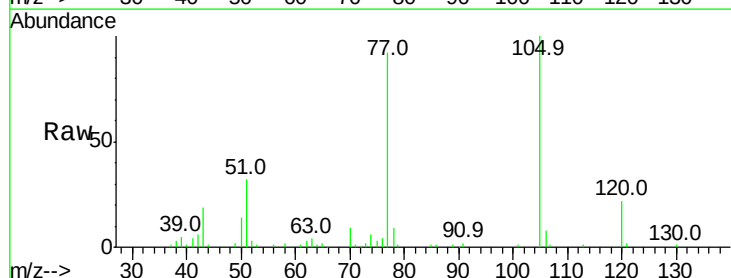
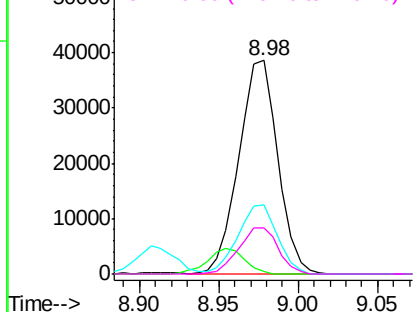
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

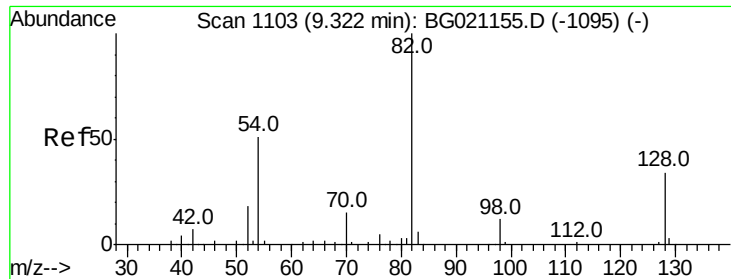


#22
Acetophenone
Concen: 48.81 ng
RT: 8.98 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	66001		
71	1.5	0.0	0.0#	
51	32.1	21.4	32.2	
120	21.6	18.0	27.0	

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





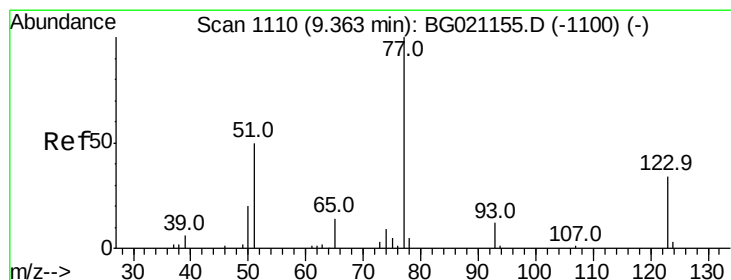
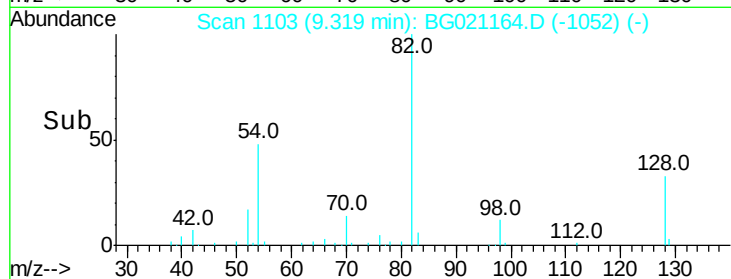
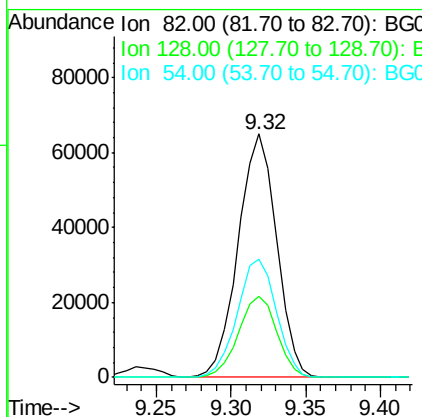
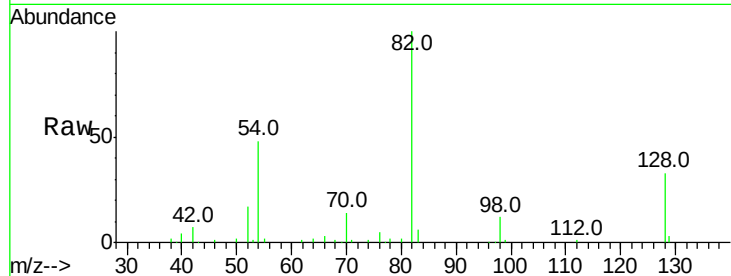
#23
 Nitrobenzene-d5
 Concen: 108.11 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.5	36.3	54.5#	
54	48.4	37.6	56.4	

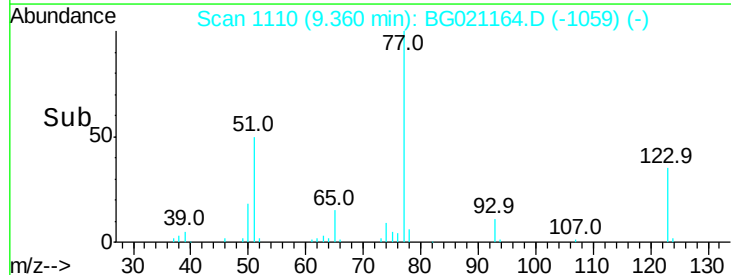
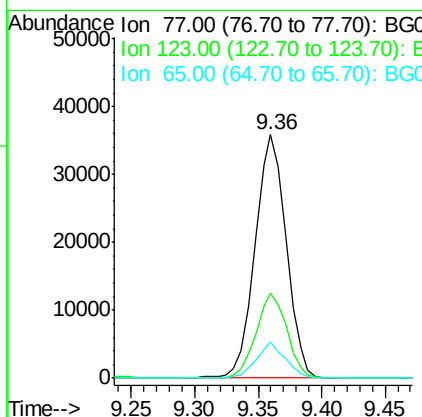
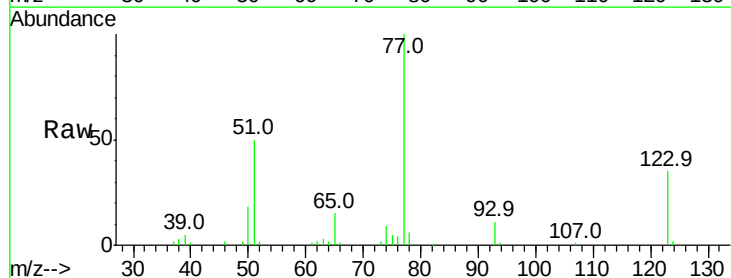
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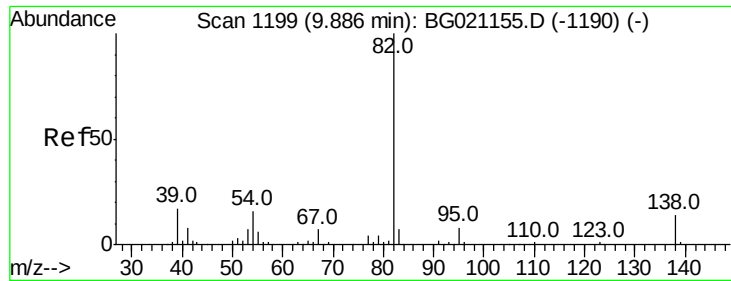
Sohil
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#24
 Nitrobenzene
 Concen: 52.34 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	35.0	35.8	53.6#	
65	14.7	10.6	16.0	





#25

Isophorone

Concen: 51.35 ng

RT: 9.88 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Instrument :

BNA_G

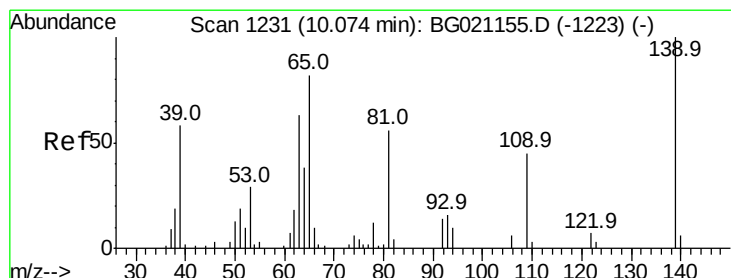
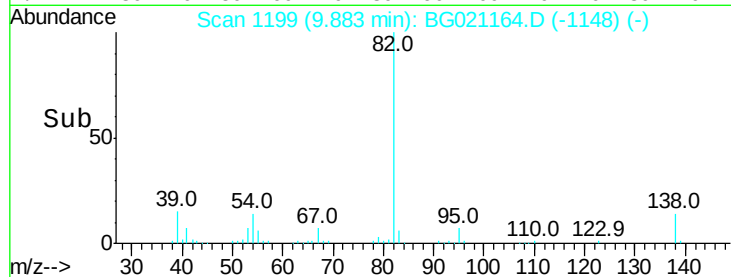
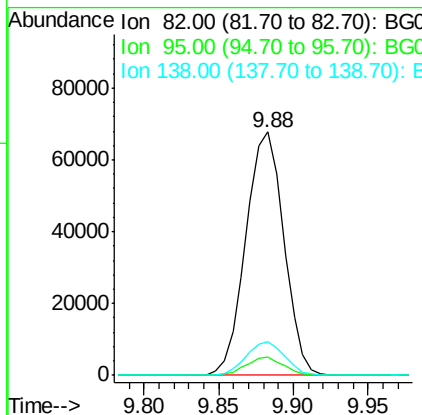
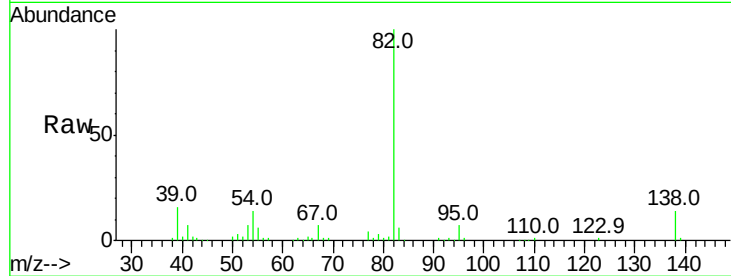
ClientSampleId :

CEB-6(12-14)20160224MSD

Tot Ion:	82	Resp:	119522
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.4	8.0
138	14.1	13.4	20.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 52.93 ng

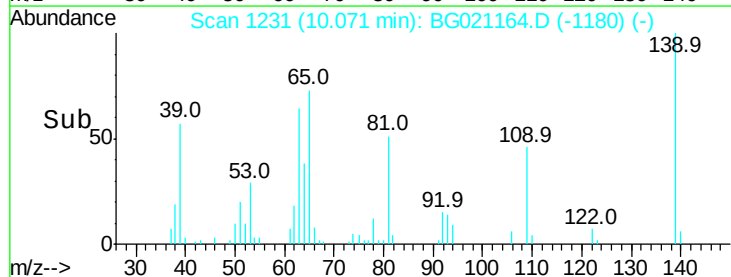
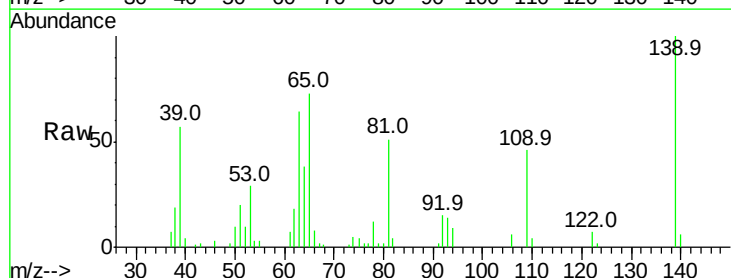
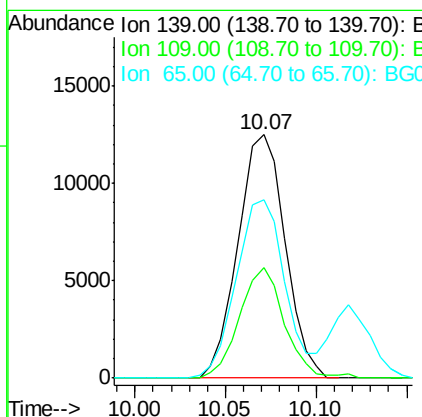
RT: 10.07 min Scan# 1231

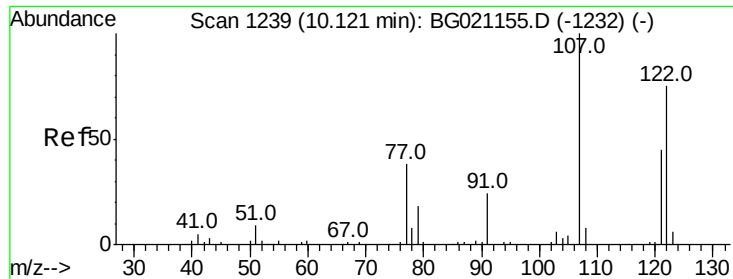
Delta R.T. -0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Tgt Ion:	139	Resp:	22597
Ion Ratio	Lower	Upper	
139	100		
109	45.6	21.4	32.0#
65	73.1	37.8	56.8#





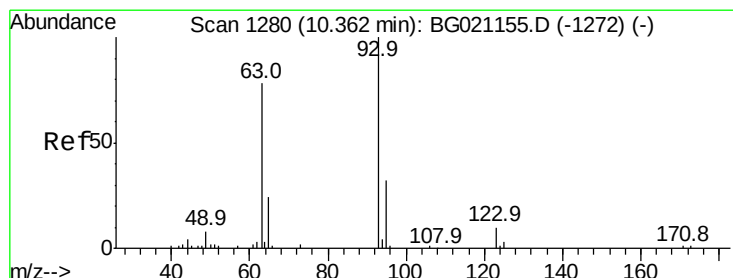
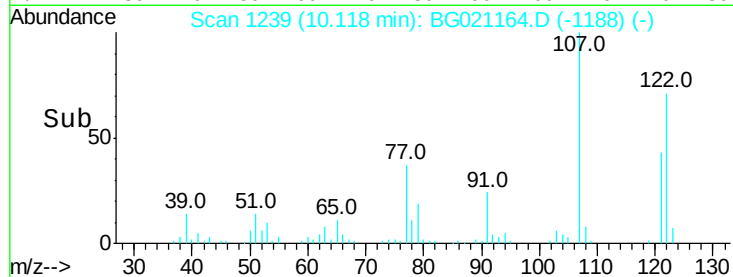
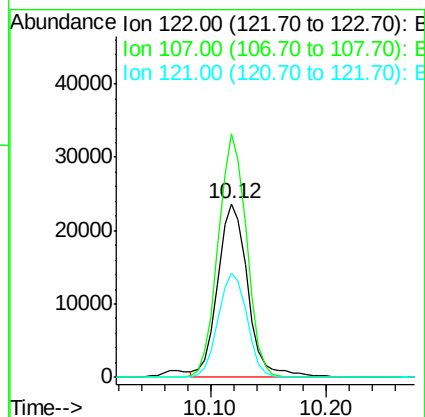
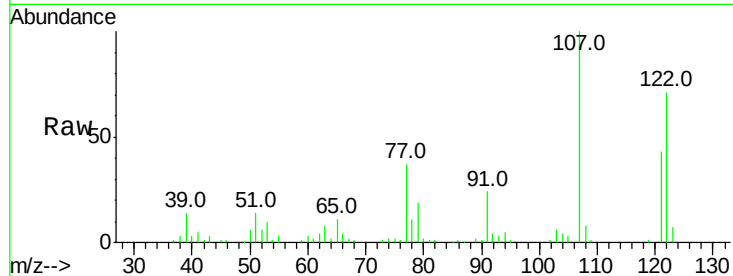
#27
 2,4-Dimethylphenol
 Concen: 55.96 ng
 RT: 10.12 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	140.3	94.1	141.1
121	60.3	45.9	68.9

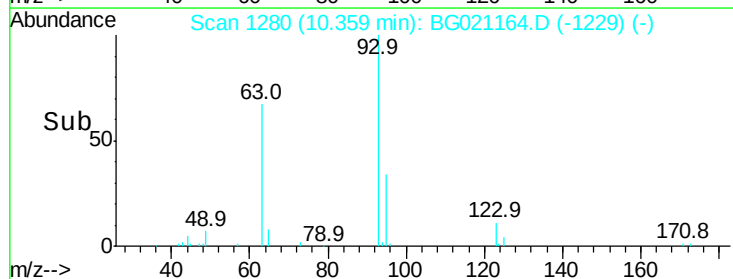
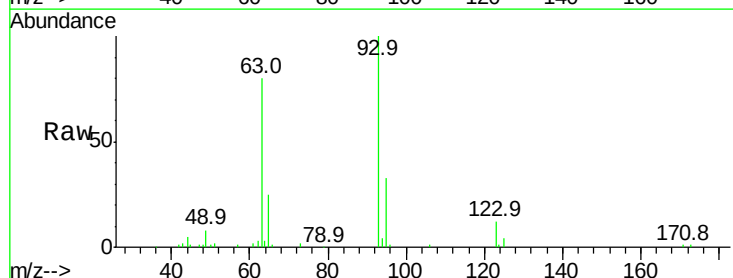
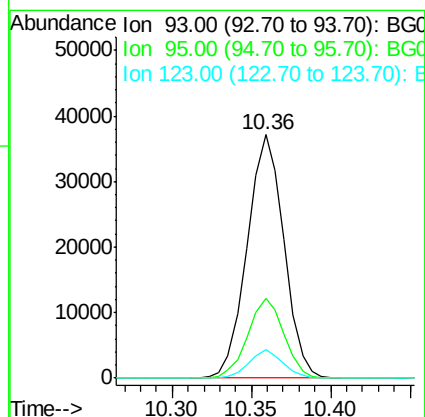
Manual Integrations
 APPROVED

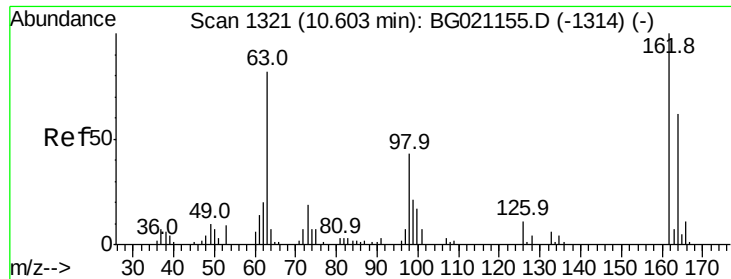
Sohil
 3/1/2016 3:01:49 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 55.30 ng
 RT: 10.36 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	24.2	36.2
123	11.5	9.0	13.6





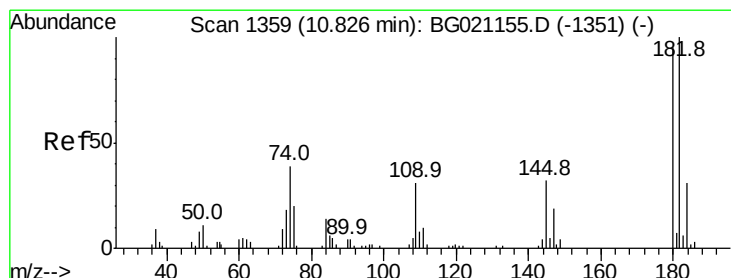
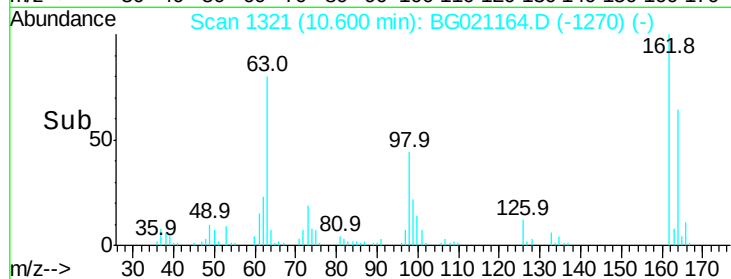
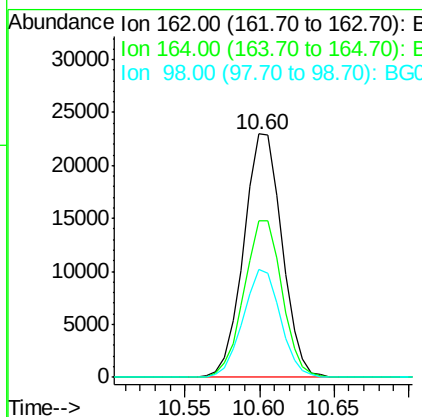
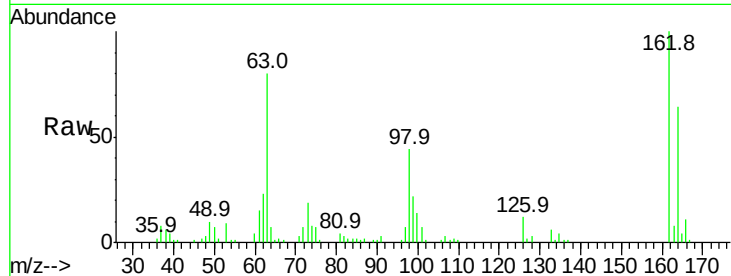
#29
 2,4-Dichlorophenol
 Concen: 58.93 ng
 RT: 10.60 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	40663		
164	64.4	43.7	83.7	
98	44.5	18.3	58.3	

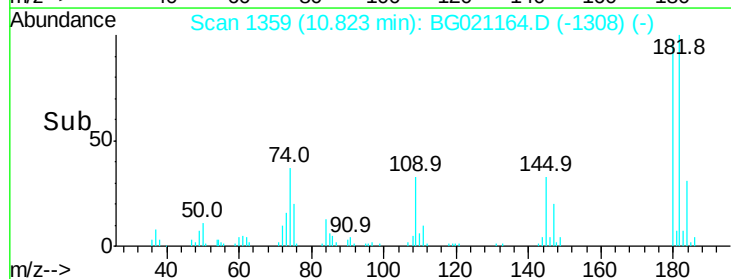
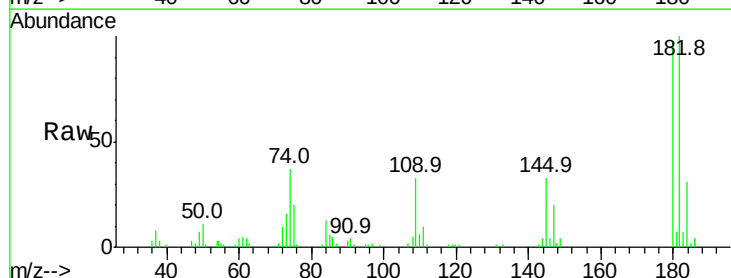
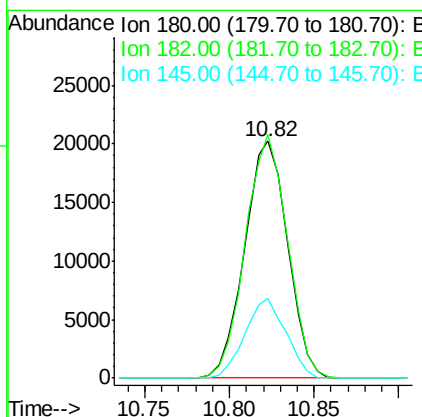
Manual Integrations
 APPROVED

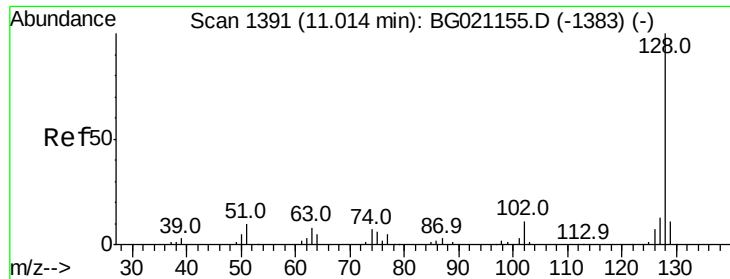
Sohil
 3/1/2016 3:01:49 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 51.41 ng
 RT: 10.82 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	35779		
182	102.8	77.4	116.0	
145	33.7	25.7	38.5	





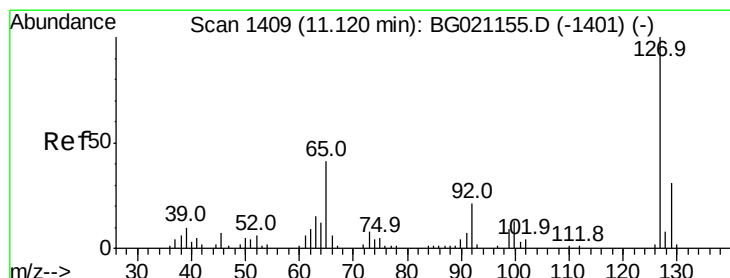
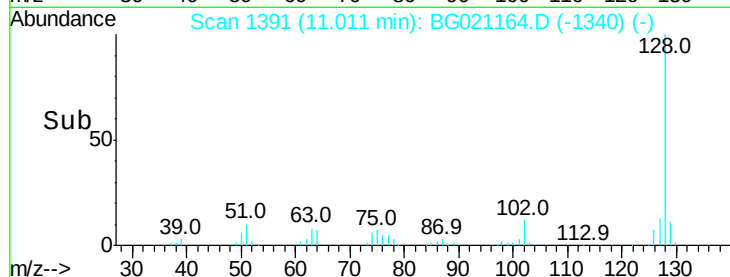
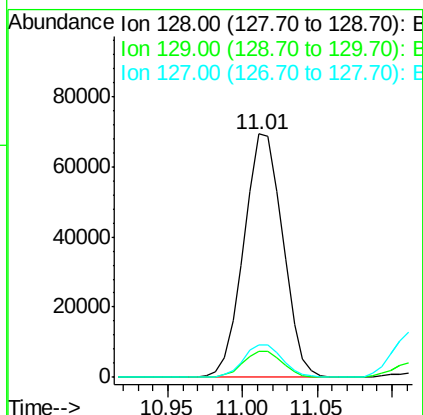
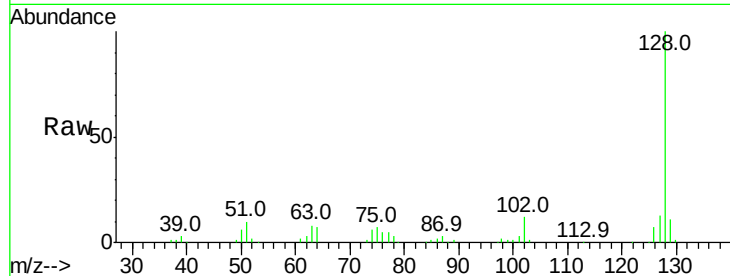
#31
Naphthalene
Concen: 52.85 ng
RT: 11.01 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100	125214		
129	10.9		9.4	14.2
127	13.4		10.8	16.2

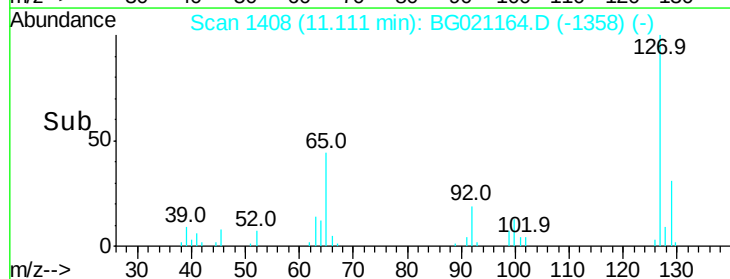
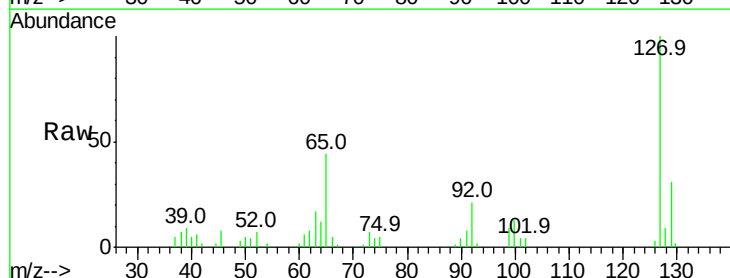
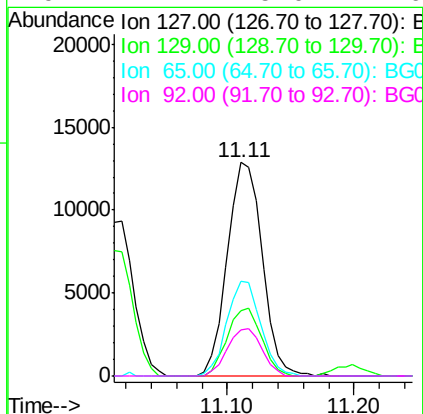
Manual Integrations
APPROVED

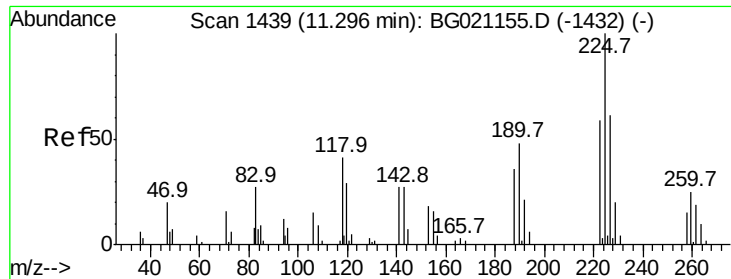
Sohil
3/1/2016 3:01:49 PM



#33
4-Chloroaniline
Concen: 22.50 ng
RT: 11.11 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	24589		
129	30.8		26.2	39.2
65	44.4		22.9	34.3#
92	21.4		15.0	22.6





#34

Hexachlorobutadiene

Concen: 50.19 ng

RT: 11.29 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Instrument :

BNA_G

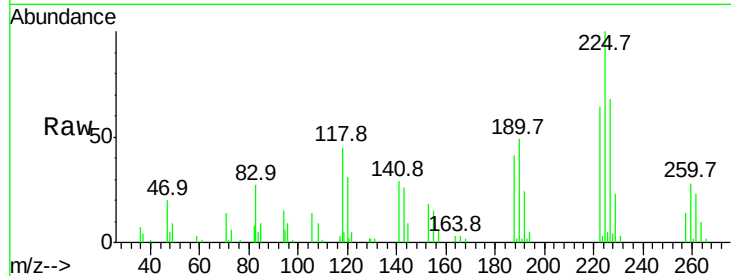
ClientSampleId :

CEB-6(12-14)20160224MSD

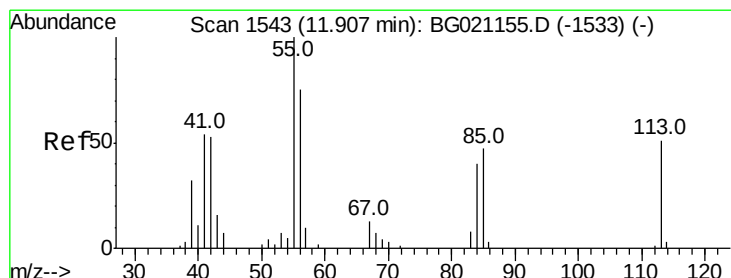
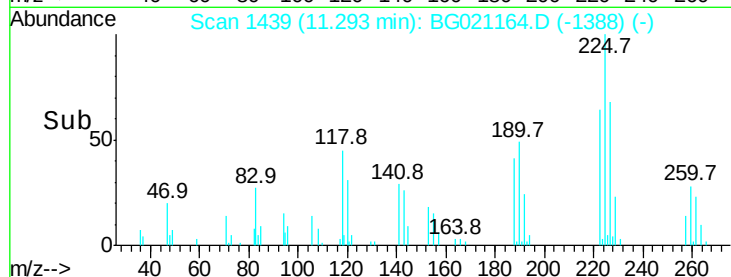
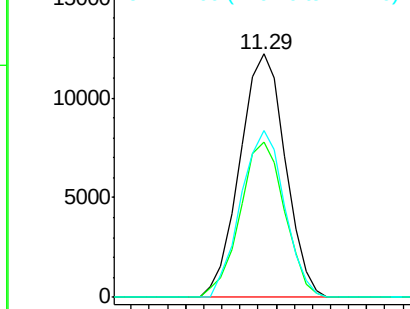
Tot Ion:	225	Resp:	21266
Ion Ratio	Lower	Upper	
225	100		
223	63.6	54.6	82.0
227	68.7	54.6	81.8

Manual Integrations
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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: 56.06 ng m

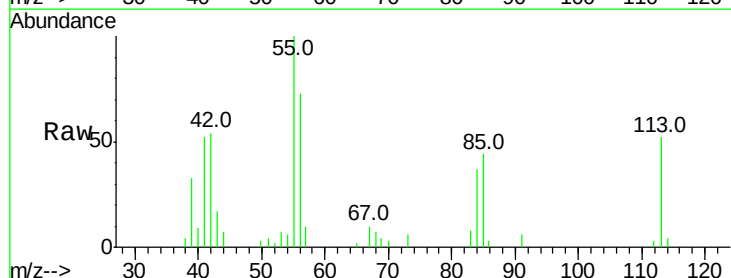
RT: 11.90 min Scan# 1542

Delta R.T. -0.01 min

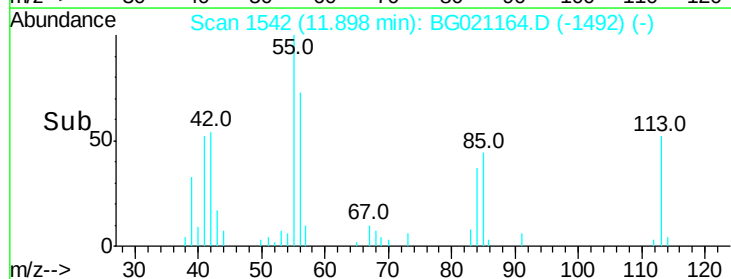
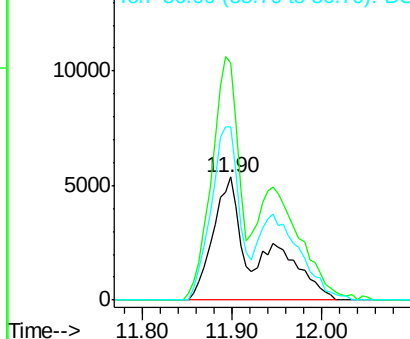
Lab File: BG021164.D

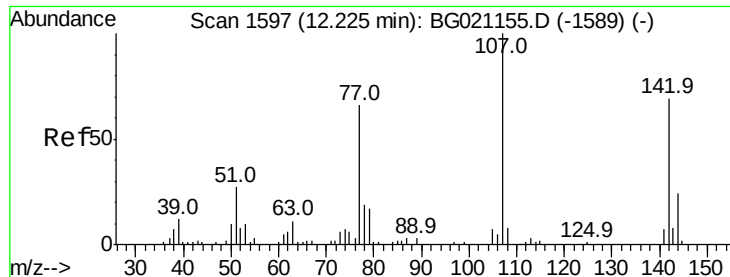
Acq: 29 Feb 2016 20:53

Tgt Ion:	113	Resp:	18859
Ion Ratio	Lower	Upper	
113	100		
55	192.9	155.2	195.2
56	140.6	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





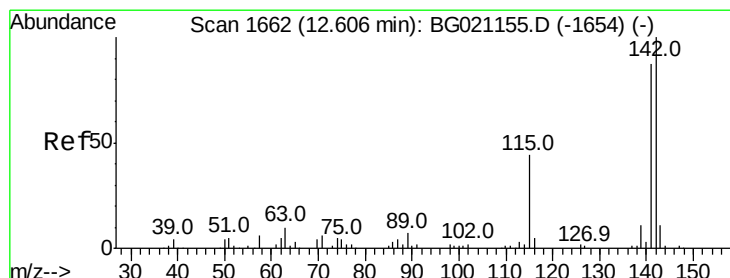
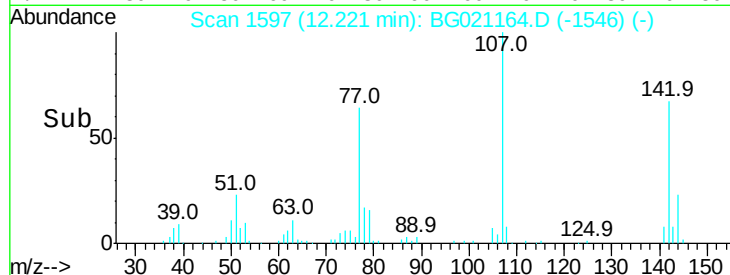
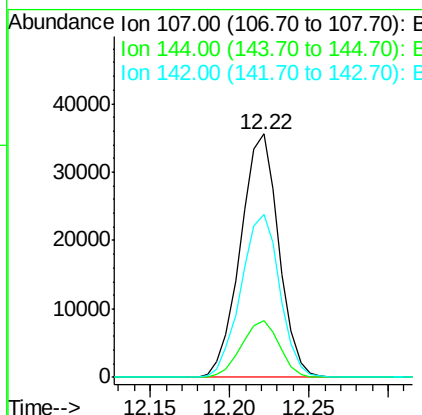
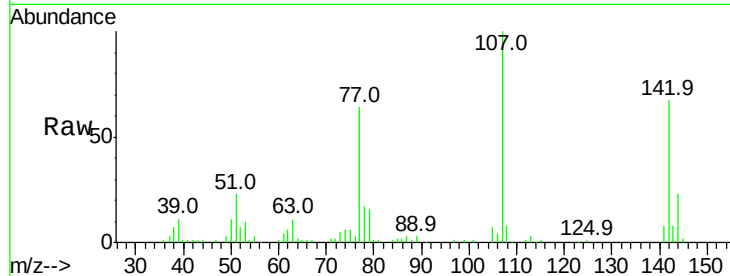
#36
 4-Chloro-3-methylphenol
 Concen: 56.98 ng
 RT: 12.22 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

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

Tot Ion:	107	Resp:	59648
Ion Ratio	Lower	Upper	
107	100		
144	23.2	21.8	32.8
142	66.9	65.6	98.4

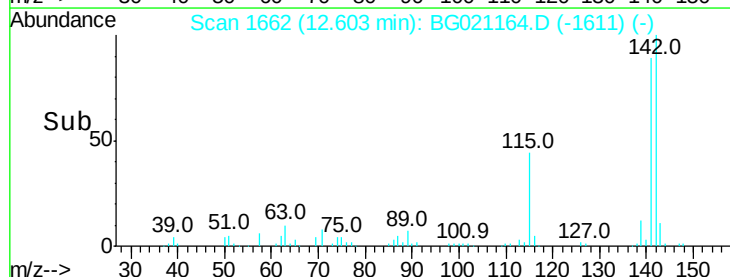
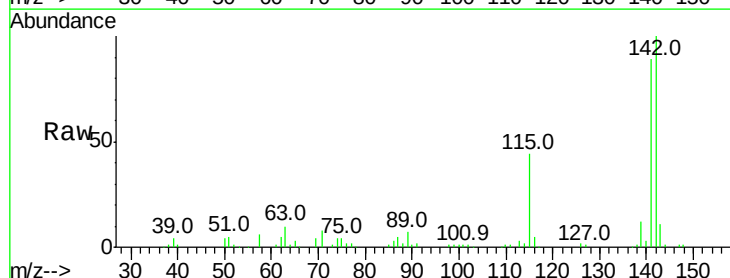
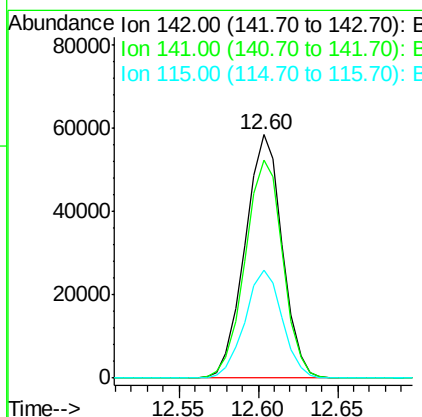
Manual Integrations
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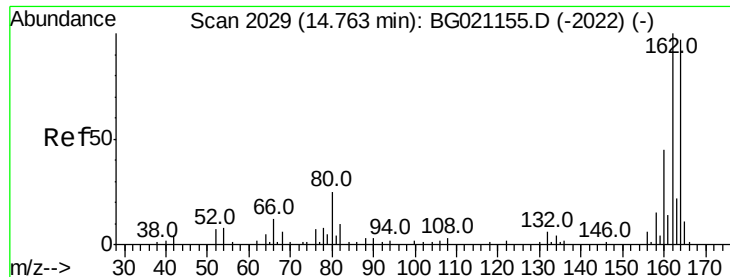
Sohil
 3/1/2016 3:01:49 PM



#37
 2-Methylnaphthalene
 Concen: 56.50 ng
 RT: 12.60 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

Tgt Ion:	142	Resp:	95303
Ion Ratio	Lower	Upper	
142	100		
141	89.5	71.7	107.5
115	44.1	26.2	39.4#





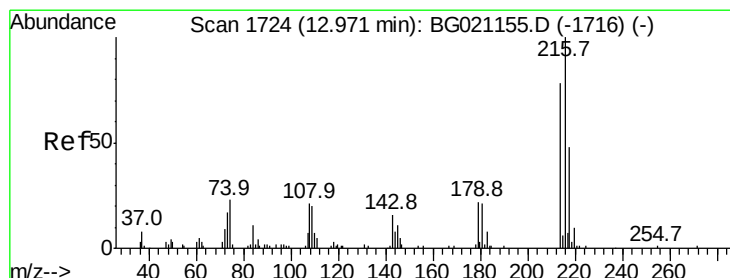
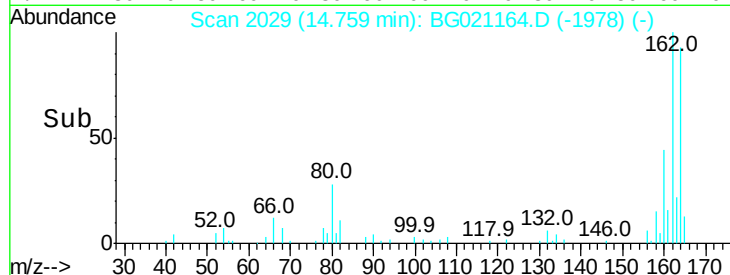
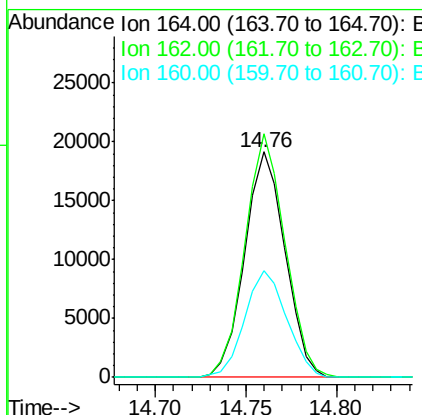
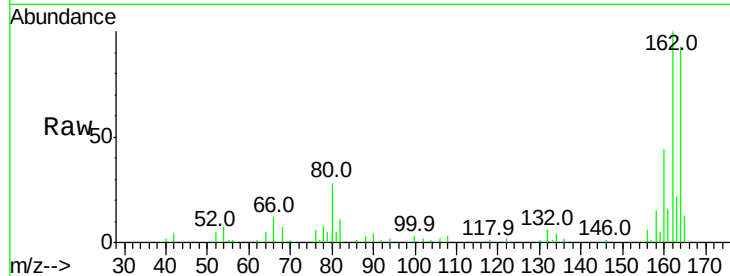
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	108.1	80.6	120.8
160	47.3	36.5	54.7

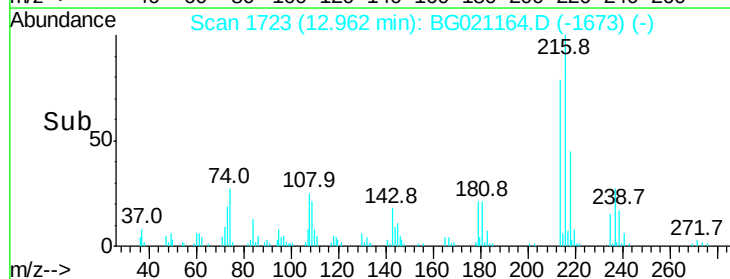
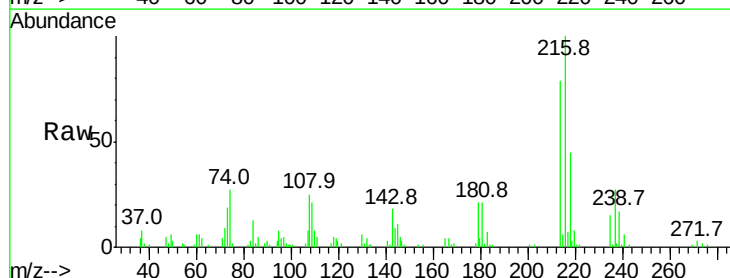
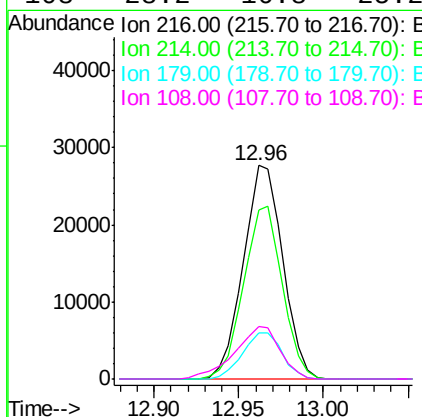
Manual Integrations
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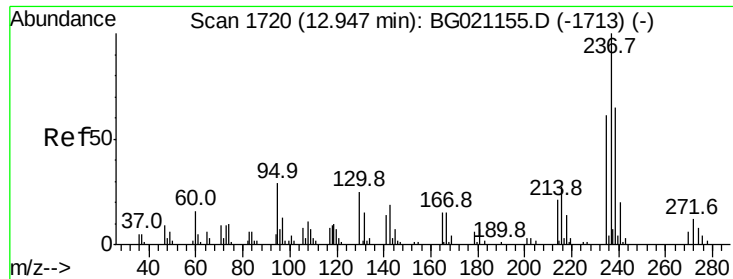
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 3/1/2016 3:01:49 PM



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.53 ng
 RT: 12.96 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.5	95.3
179	22.0	17.4	26.0
108	28.2	16.8	25.2#





#40

Hexachlorocyclopentadiene

Concen: 105.95 ng

RT: 12.94 min Scan# 1720

Delta R.T. -0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Instrument :

BNA_G

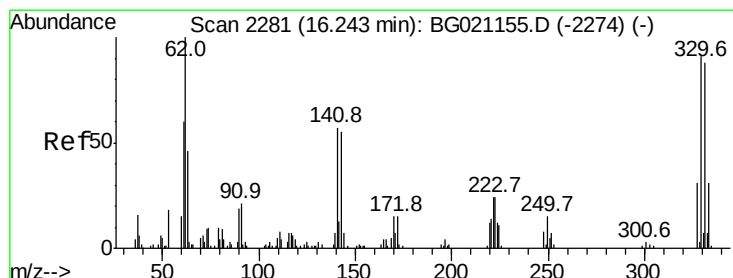
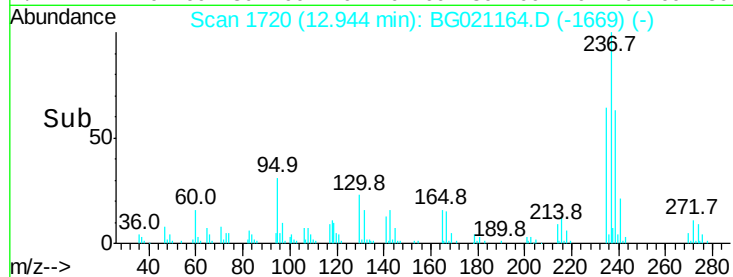
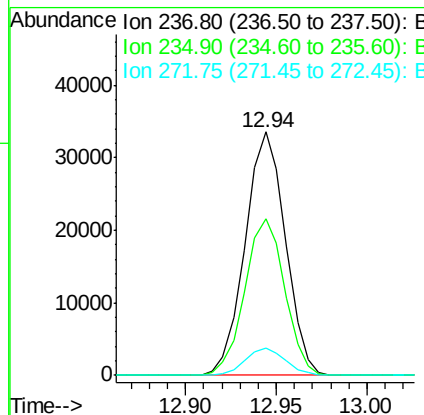
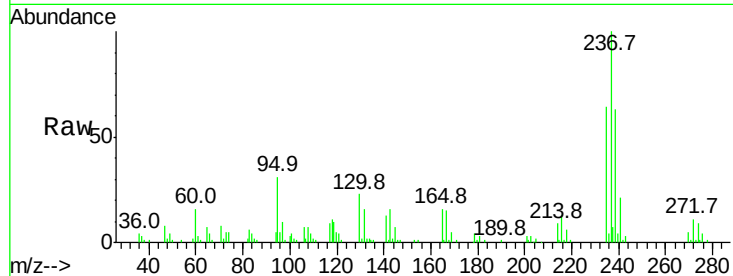
ClientSampleId :

CEB-6(12-14)20160224MSD

Tot Ion:	237	Resp:	51749
Ion Ratio	Lower	Upper	
237	100		
235	64.3	42.9	82.9
272	11.5	0.0	32.3

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 177.06 ng

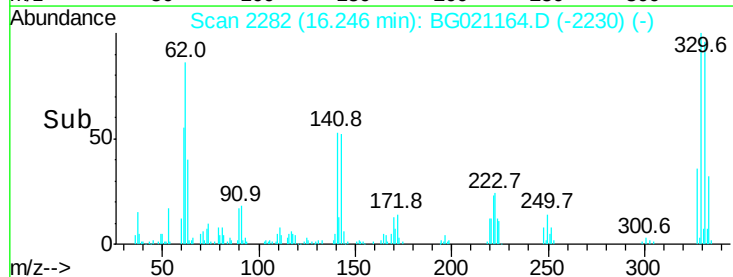
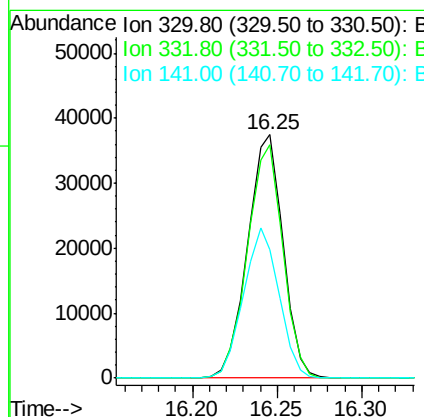
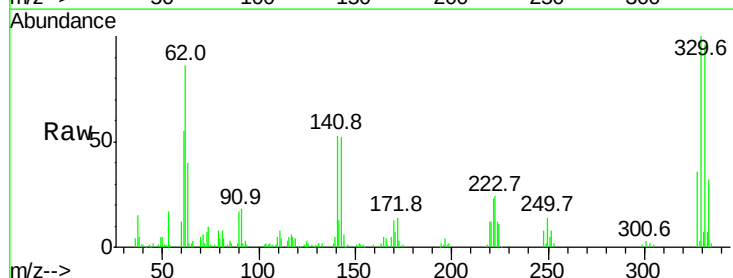
RT: 16.25 min Scan# 2282

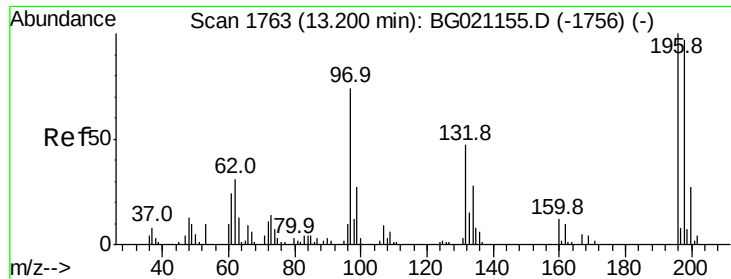
Delta R.T. 0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Tgt Ion:	330	Resp:	54644
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.4	116.0
141	61.7	35.3	52.9#





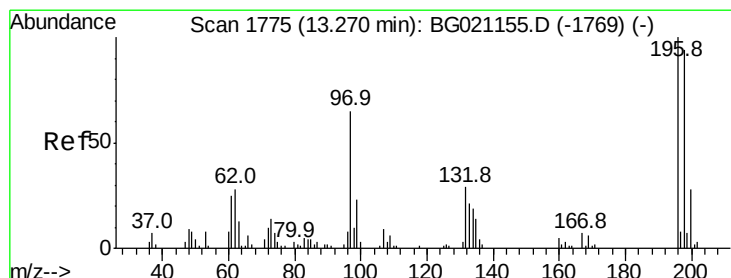
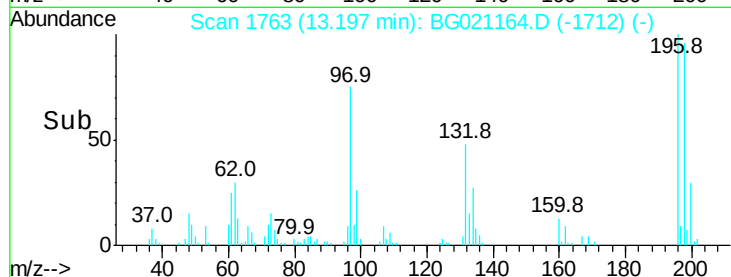
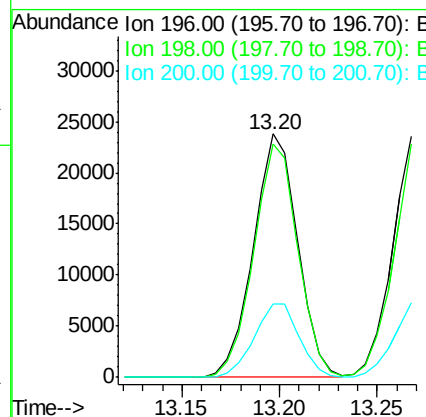
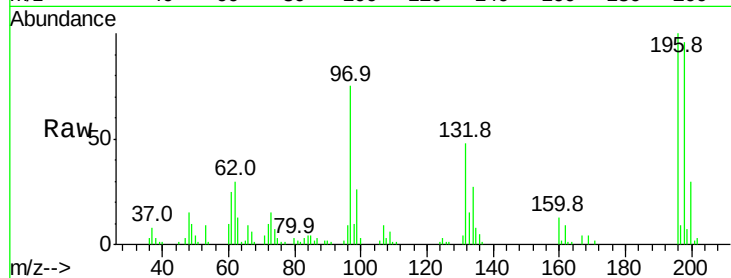
#42
 2,4,6-Trichlorophenol
 Concen: 55.82 ng
 RT: 13.20 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	37343		
198	95.7	75.8	113.8	
200	30.2	23.8	35.8	

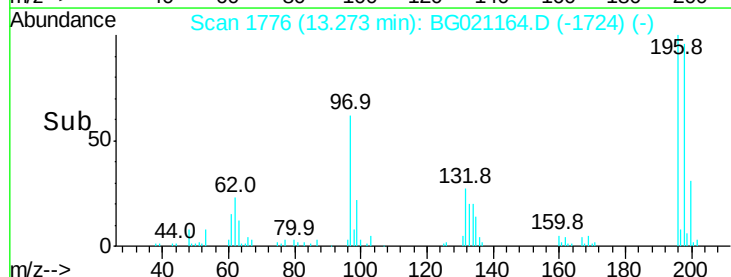
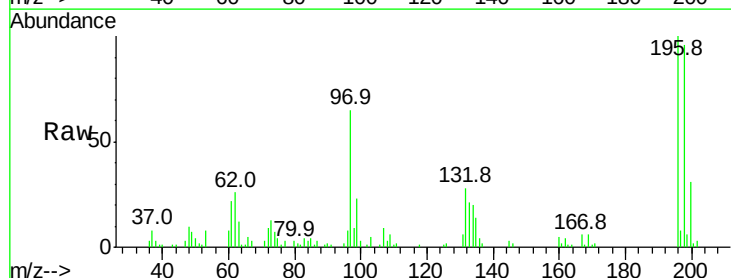
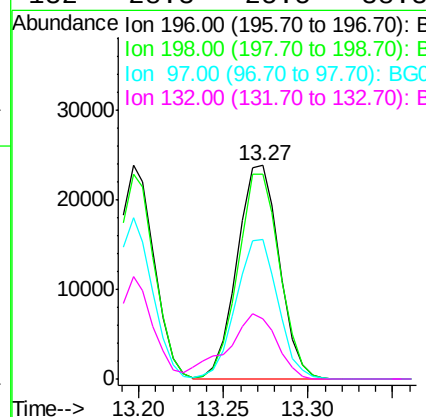
Manual Integrations
 APPROVED

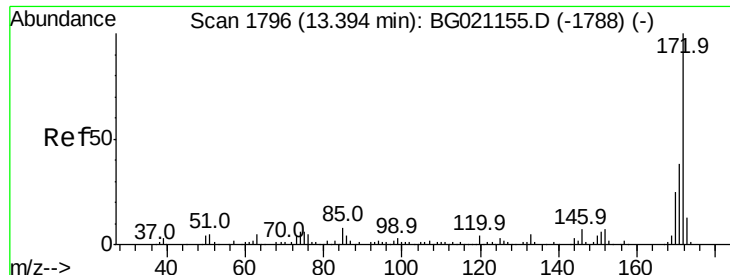
Sohil
 3/1/2016 3:01:49 PM



#43
 2,4,5-Trichlorophenol
 Concen: 57.99 ng
 RT: 13.27 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	41486		
198	95.8	80.2	120.4	
97	65.5	42.9	64.3	
132	28.3	25.5	38.3	





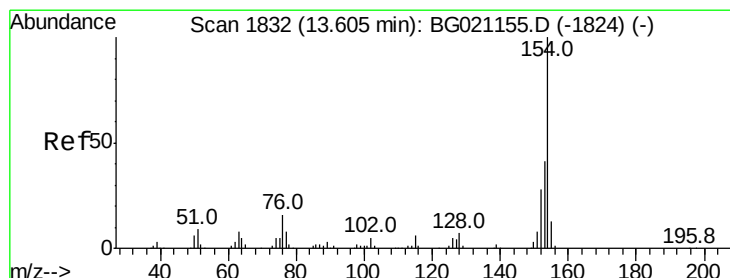
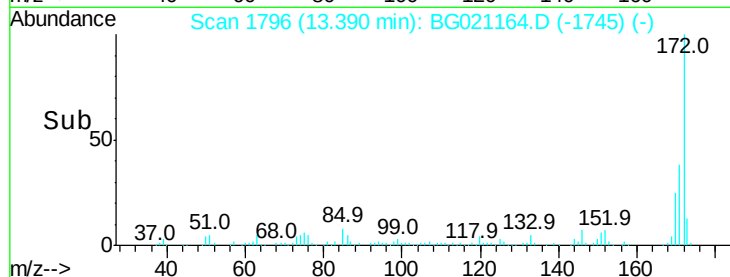
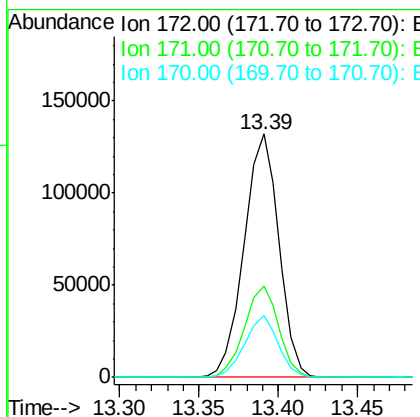
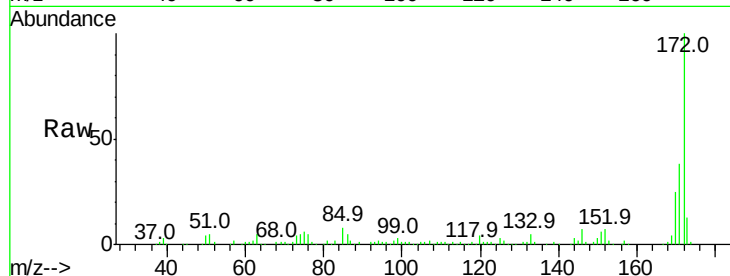
#44
2-Fluorobiphenyl
Concen: 96.16 ng
RT: 13.39 min Scan# 1796
Delta R.T. -0.00 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

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

Tot Ion	Ratio	Resp	Lower	Upper
172	100	200881		
171	37.5		29.4	44.0
170	25.2		19.8	29.8

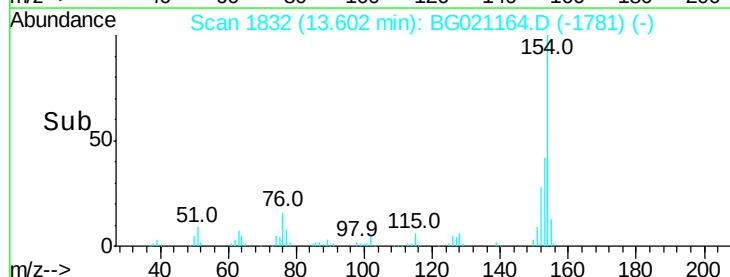
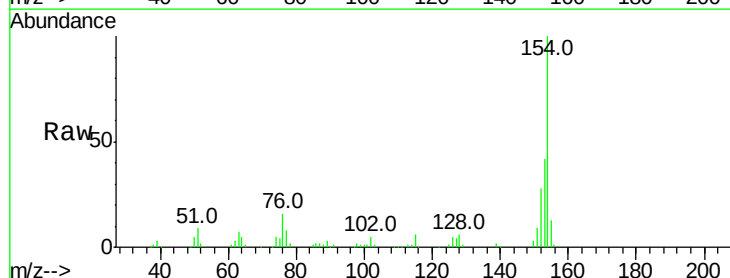
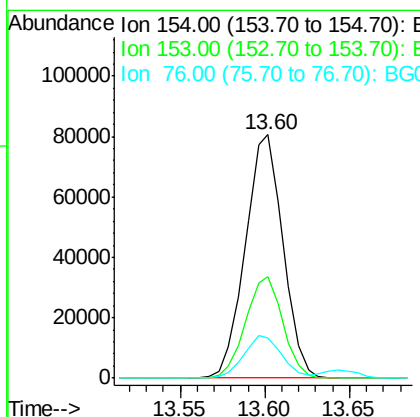
Manual Integrations
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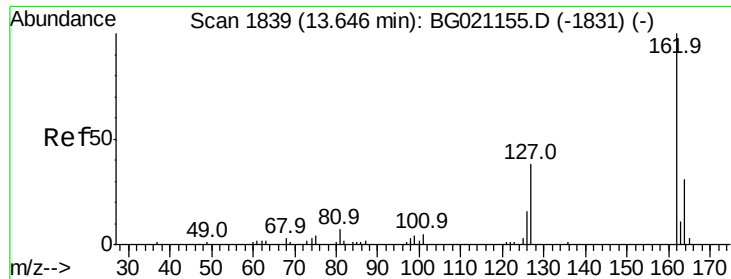
Sohil
3/1/2016 3:01:49 PM



#45
1,1'-Biphenyl
Concen: 50.97 ng
RT: 13.60 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	124353		
153	41.6		19.8	59.8
76	16.5		0.0	33.6





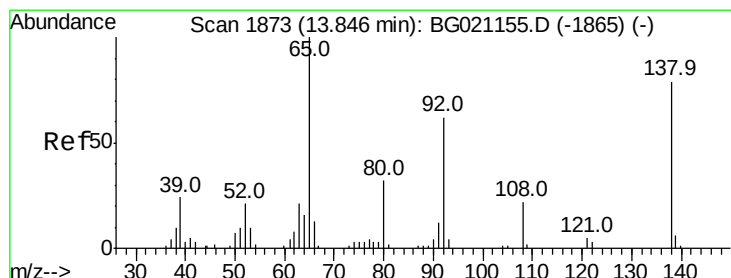
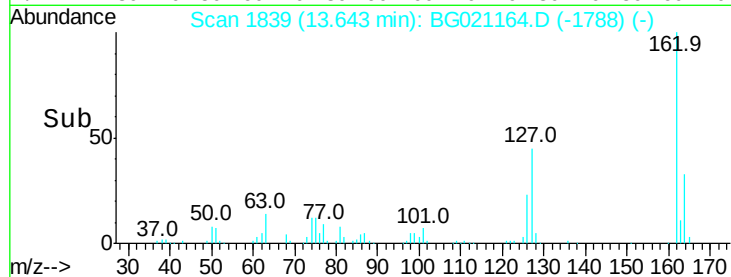
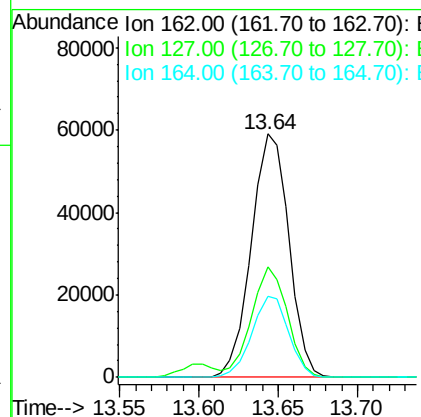
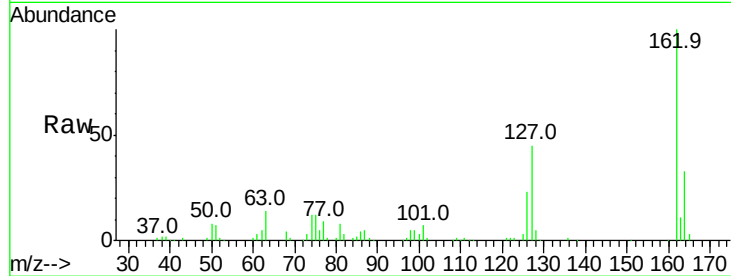
#46
 2-Chloronaphthalene
 Concen: 53.12 ng
 RT: 13.64 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

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

Tot Ion:	162	Resp:	97275
Ion Ratio	Lower	Upper	
162	100		
127	45.3	31.8	47.8
164	33.4	26.3	39.5

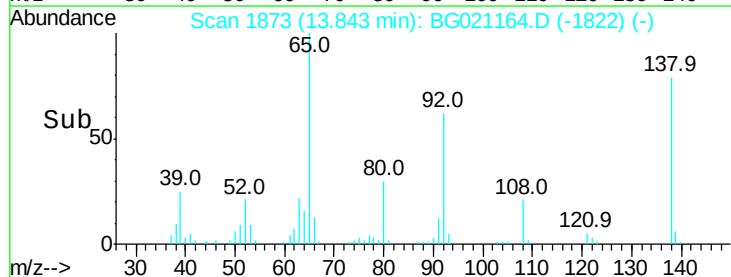
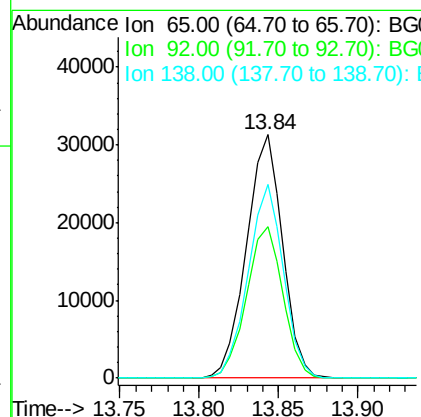
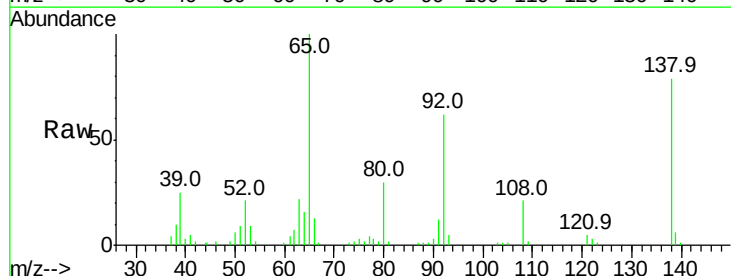
Manual Integrations
 APPROVED

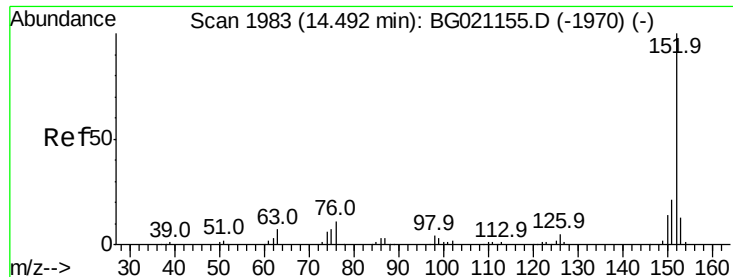
Sohil
 3/1/2016 3:01:49 PM



#47
 2-Nitroaniline
 Concen: 55.48 ng
 RT: 13.84 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

Tgt Ion:	65	Resp:	49514
Ion Ratio	Lower	Upper	
65	100		
92	62.4	54.6	82.0
138	79.3	94.9	142.3#





#48

Acenaphthylene

Concen: 52.56 ng

RT: 14.49 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Instrument :

BNA_G

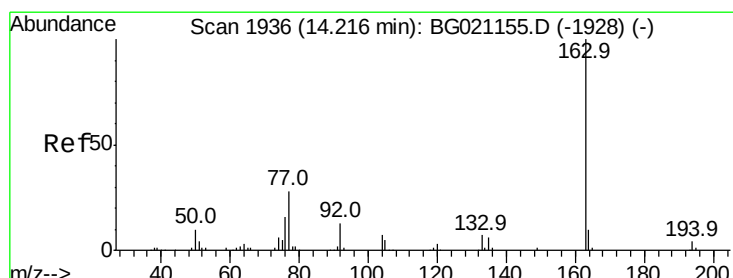
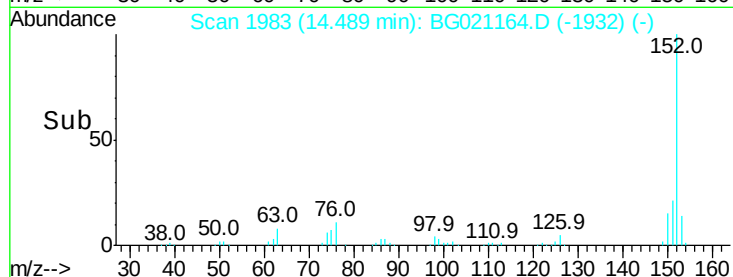
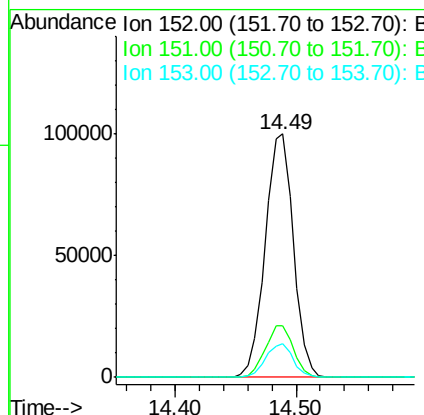
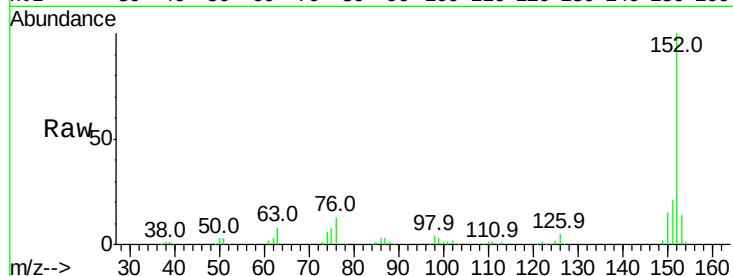
ClientSampleId :

CEB-6(12-14)20160224MSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	162971		
151	21.4		15.9	23.9
153	13.6		10.2	15.2

Manual Integrations
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3/1/2016 3:01:49 PM



#49

Dimethylphthalate

Concen: 70.98 ng

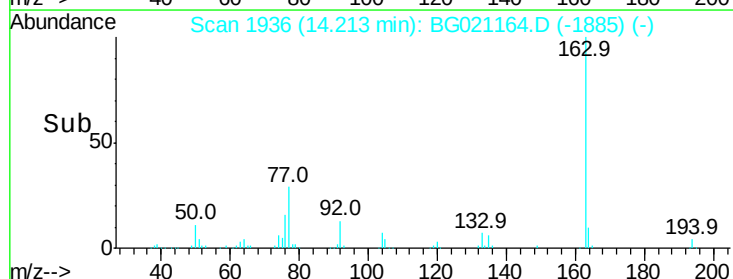
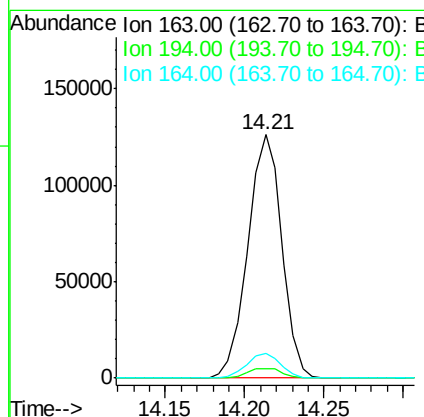
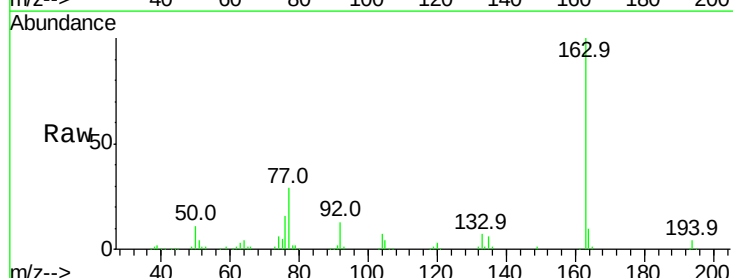
RT: 14.21 min Scan# 1936

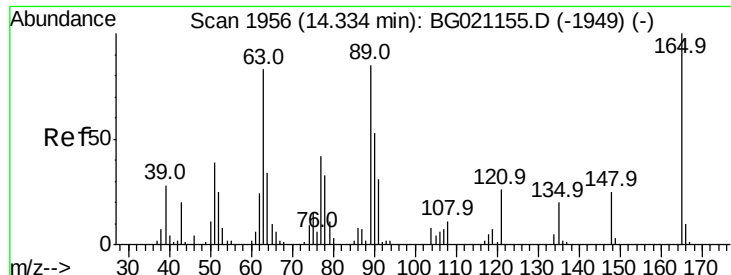
Delta R.T. -0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	187637		
194	4.1		2.8	4.2
164	10.3		7.9	11.9





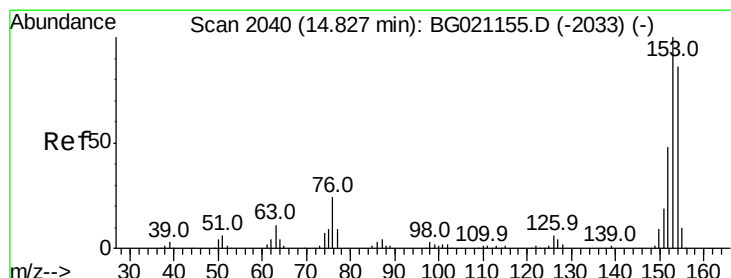
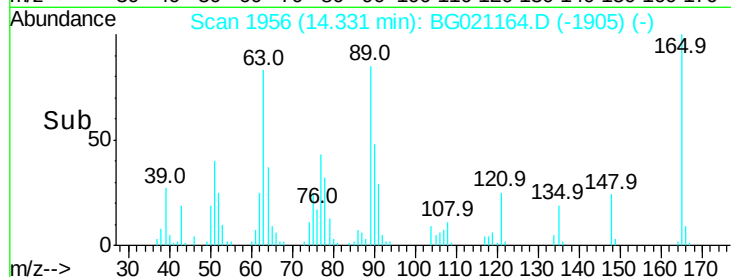
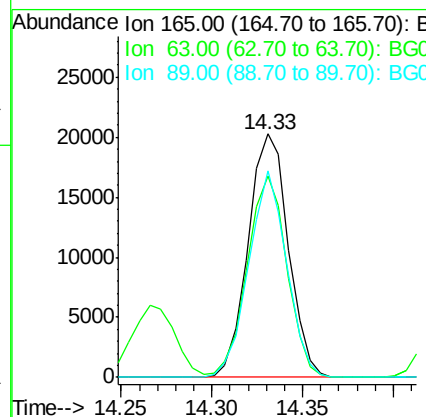
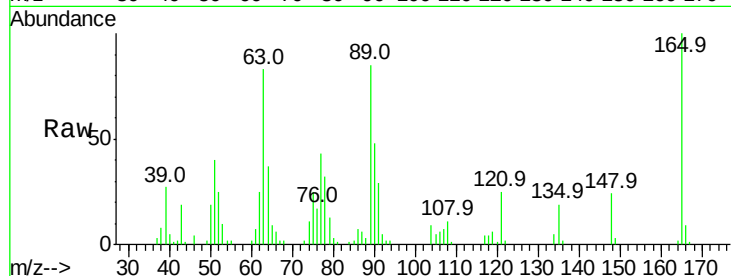
#50
2,6-Dinitrotoluene
Concen: 56.22 ng
RT: 14.33 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

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

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	82.6	42.1	63.1#
89	84.8	46.1	69.1#

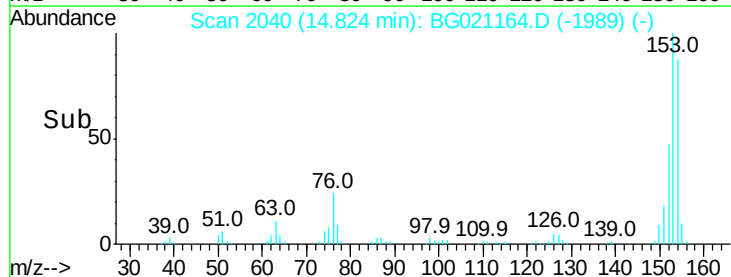
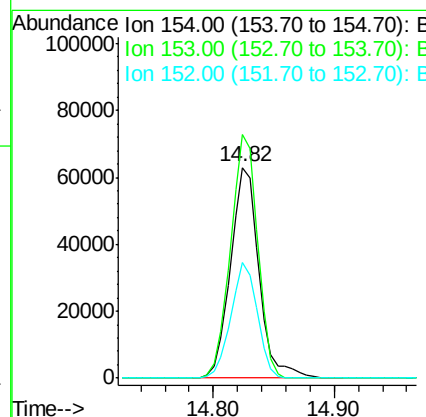
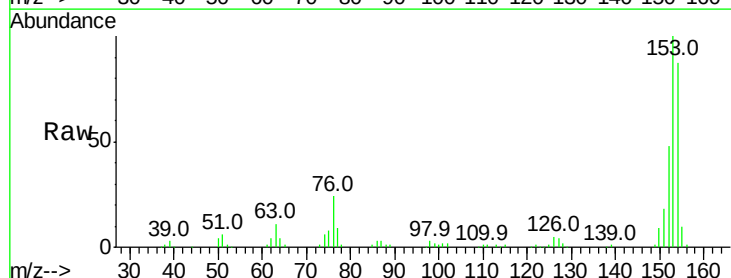
Manual Integrations
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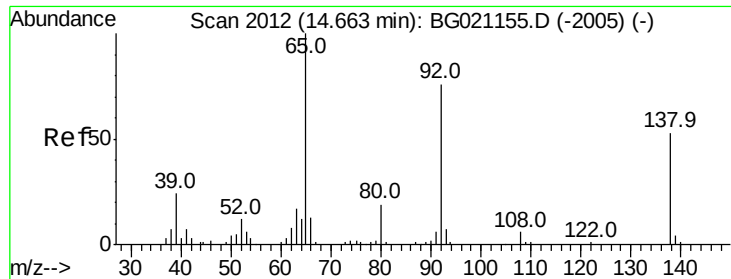
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#51
Acenaphthene
Concen: 52.54 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	115.5	94.2	141.2
152	55.0	42.9	64.3





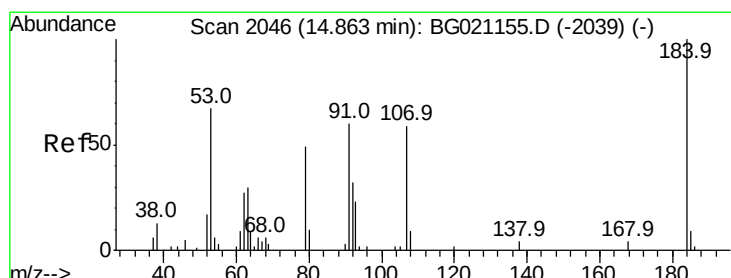
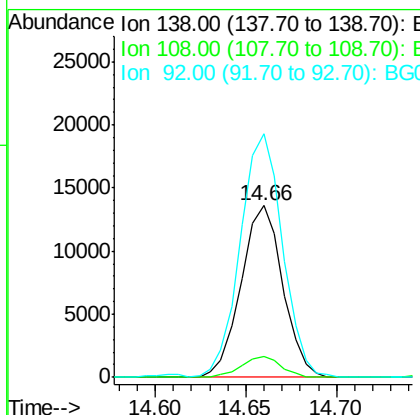
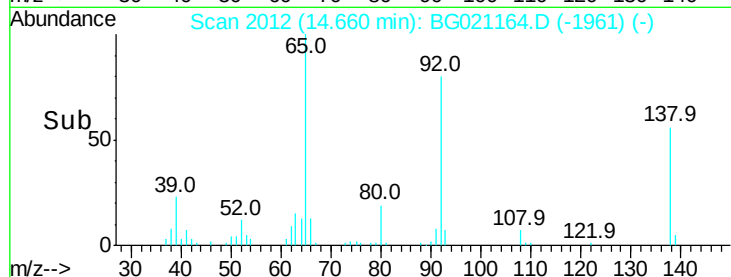
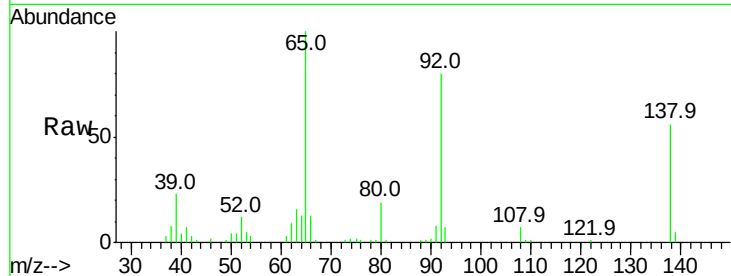
#52
 3-Nitroaniline
 Concen: 35.44 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

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

Tot Ion	Ratio	Resp	Lower	Upper
138	100	21752		
108	12.2	5.8	8.6#	
92	141.8	83.6	125.4#	

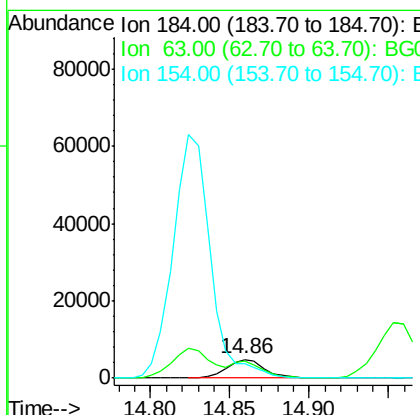
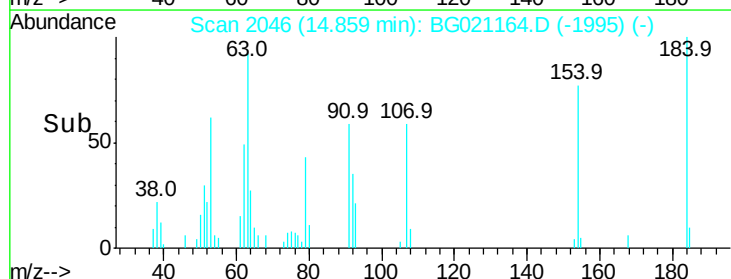
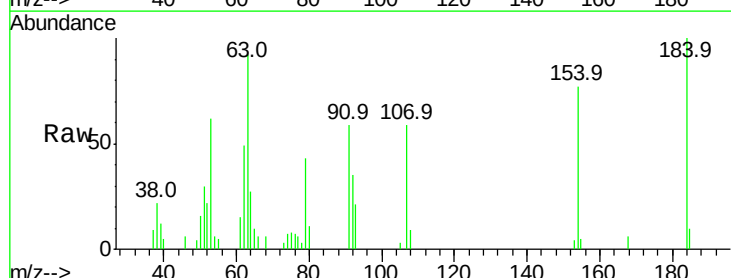
Manual Integrations
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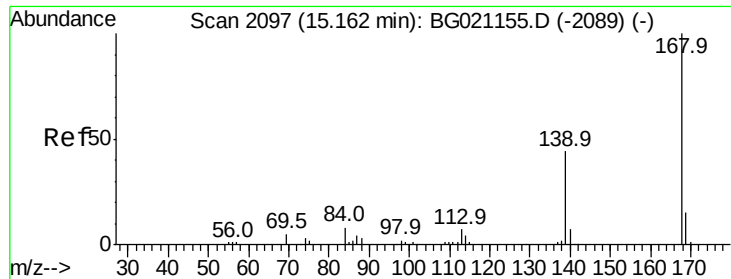
Sohil
 3/1/2016 3:01:49 PM



#53
 2,4-Dinitrophenol
 Concen: 30.32 ng
 RT: 14.86 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	7931		
63	92.0	57.0	85.6#	
154	76.8	51.3	76.9	





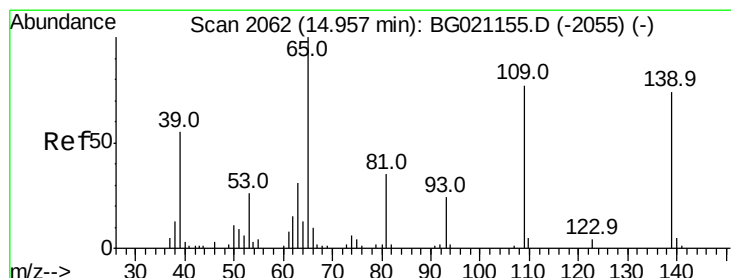
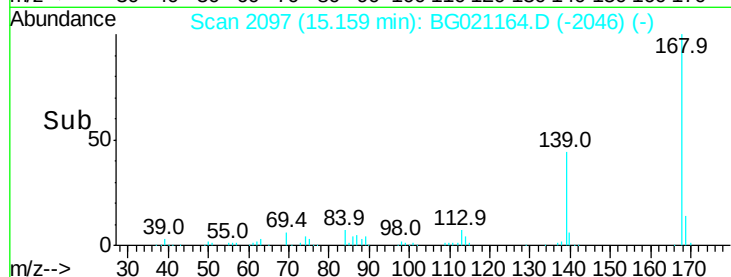
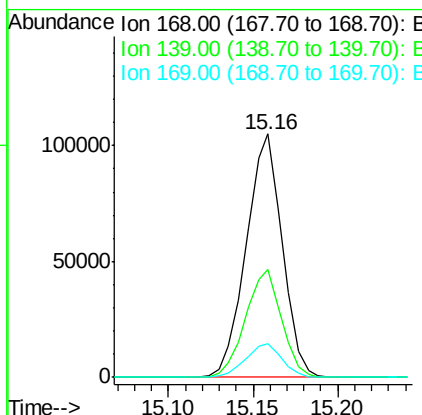
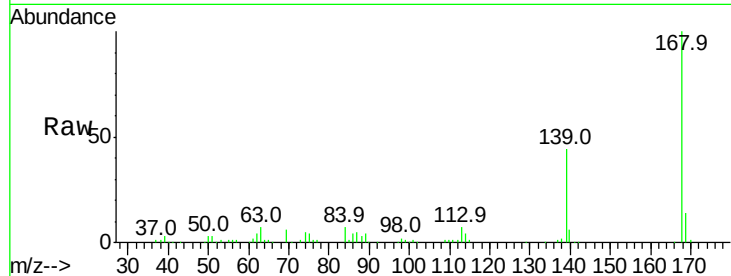
#54
Dibenzenofuran
Concen: 59.09 ng
RT: 15.16 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

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

Tot Ion	Ratio	Resp Lower	Upper
168	100		
139	44.1	29.8	44.8
169	13.8	11.4	17.2

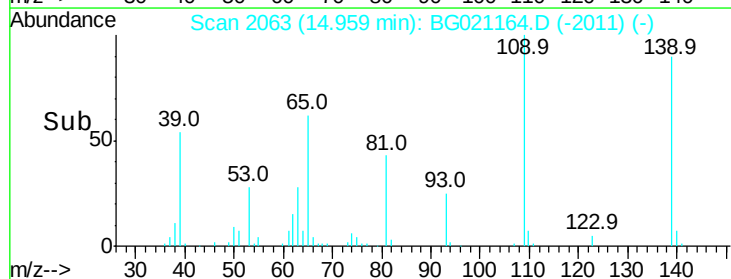
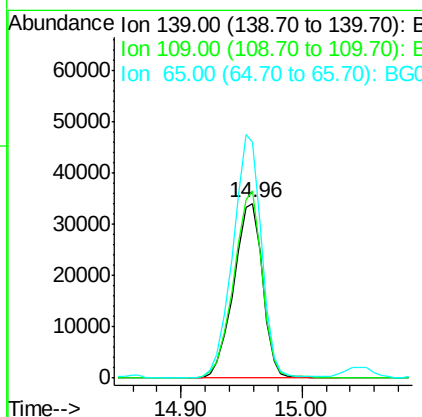
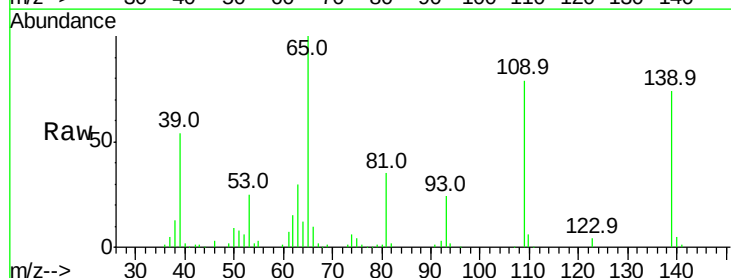
Manual Integrations
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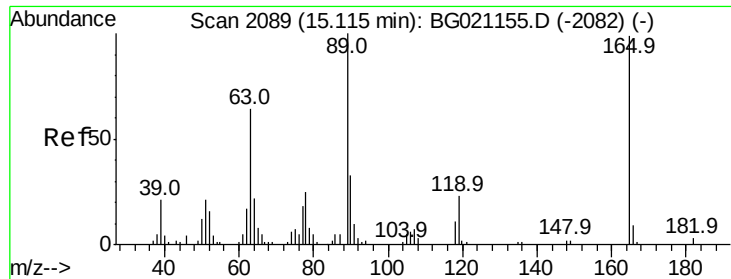
Sohil
3/1/2016 3:01:49 PM



#55
4-Nitrophenol
Concen: 112.01 ng
RT: 14.96 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	107.5	54.1	94.1#
65	135.4	73.4	113.4#





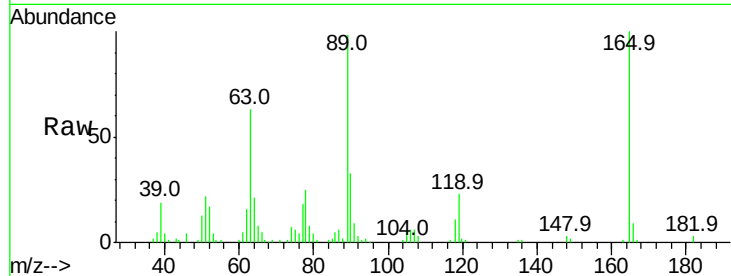
#56
2,4-Dinitrotoluene
Concen: 57.80 ng
RT: 15.11 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	46047		
63	62.7	34.1	51.1#	
89	98.0	63.0	94.4#	
182	3.3	1.4	2.2#	

Manual Integrations
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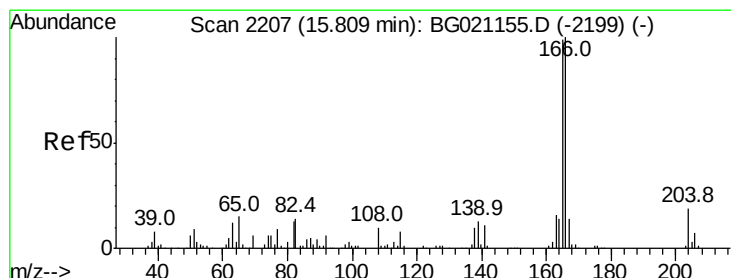
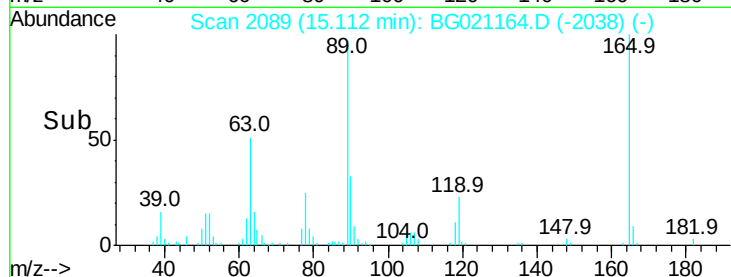
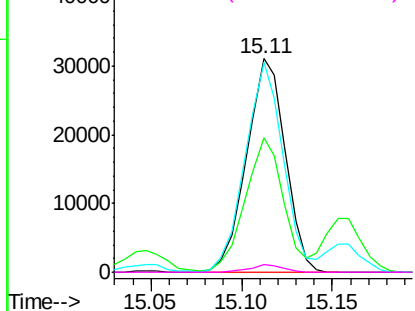
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

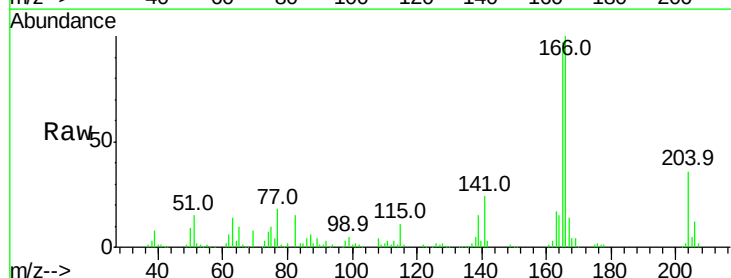
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 54.30 ng
RT: 15.80 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	135991		
165	97.3	81.3	121.9	
167	13.8	10.6	16.0	

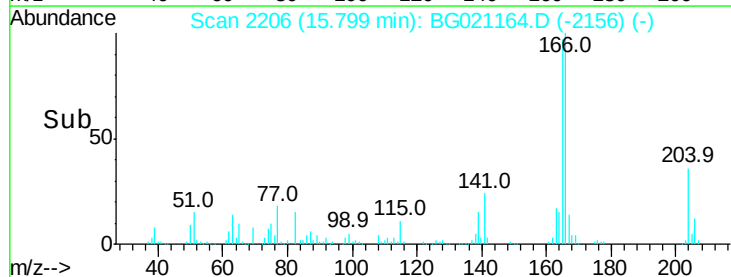
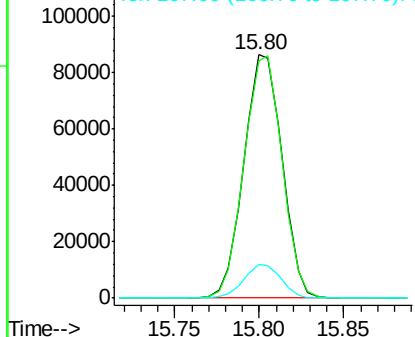


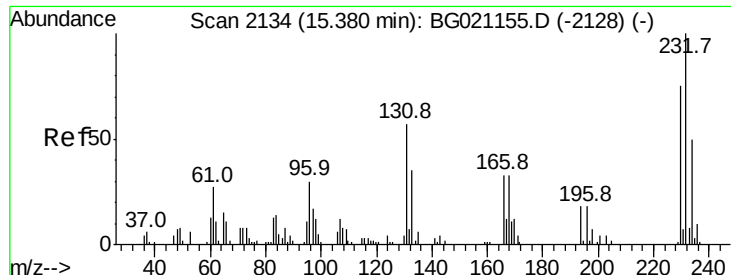
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





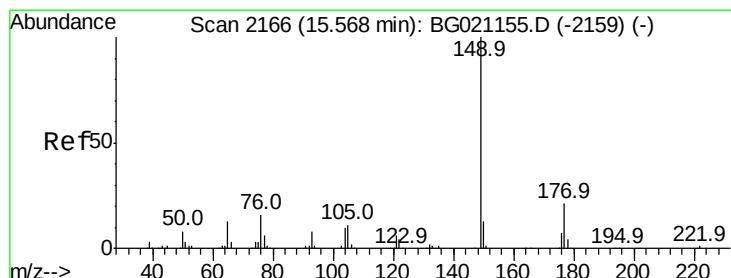
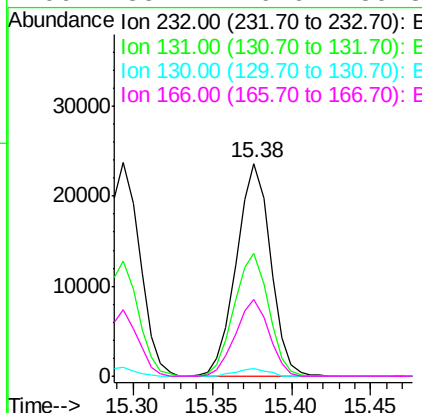
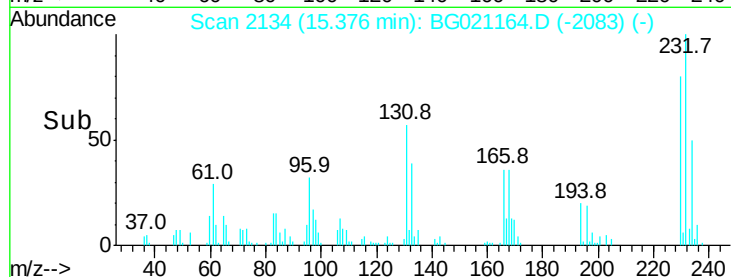
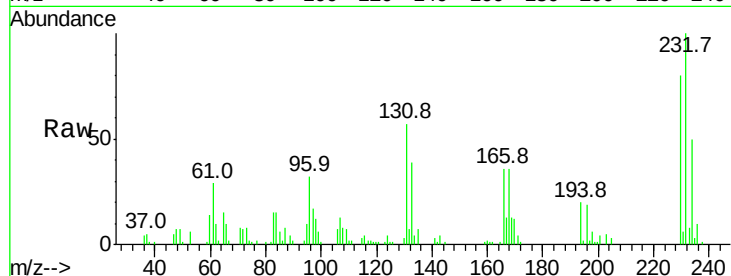
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 62.08 ng
 RT: 15.38 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

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

Tot Ion	Ratio	Resp	Lower	Upper
232	100	35523		
131	57.9		41.4	62.2
130	3.1		1.8	2.8
166	35.2		26.6	39.8

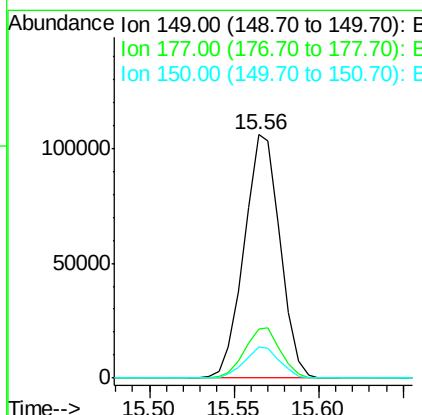
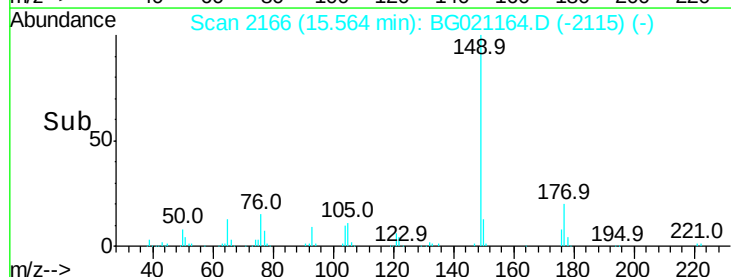
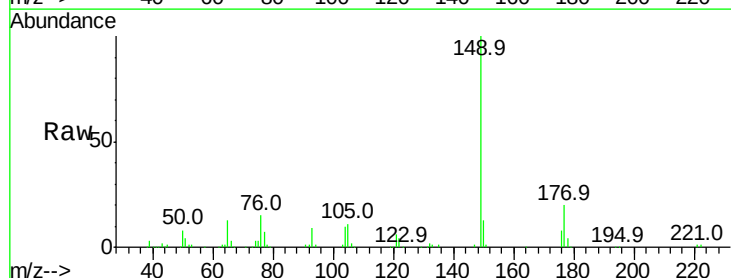
Manual Integrations
 APPROVED

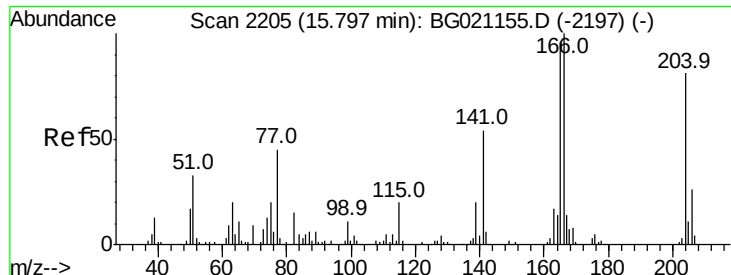
Sohil
 3/1/2016 3:01:49 PM



#59
 Diethylphthalate
 Concen: 53.40 ng
 RT: 15.56 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	156031		
177	20.4		15.8	23.8
150	13.0		10.1	15.1





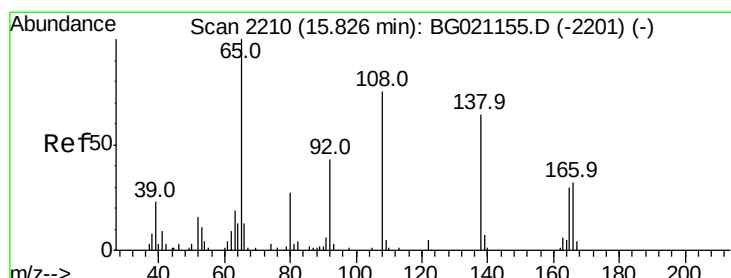
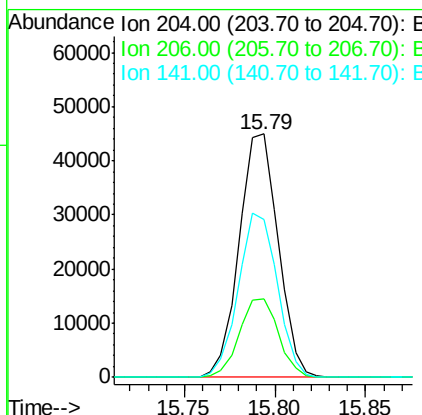
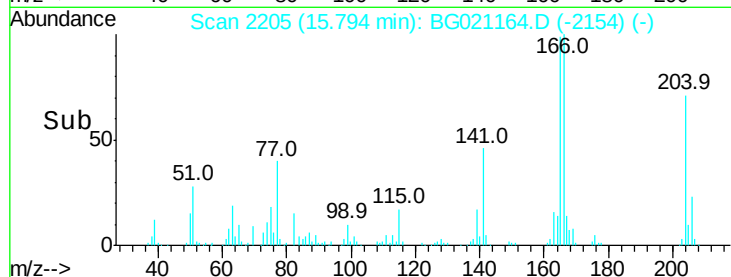
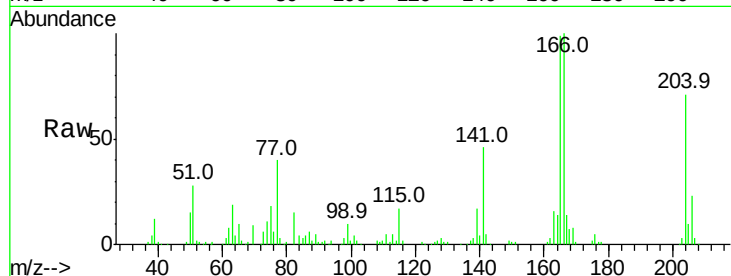
#60
 4-Chlorophenyl-phenylether
 Concen: 53.77 ng
 RT: 15.79 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

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

Tot Ion:	204	Resp:	67226
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.9	40.3
141	65.0	50.8	76.2

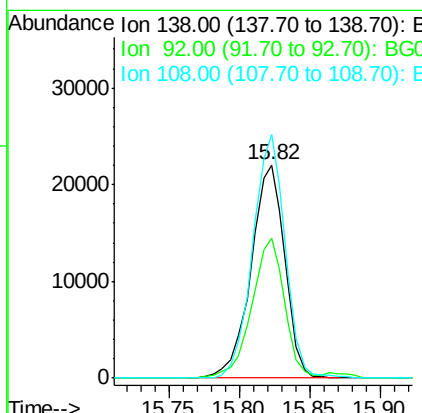
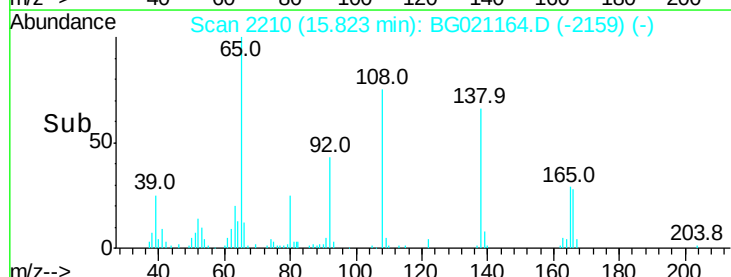
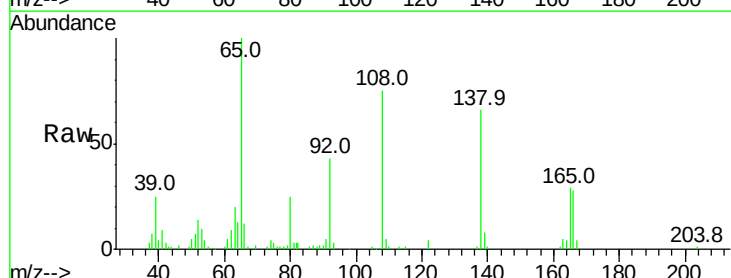
Manual Integrations
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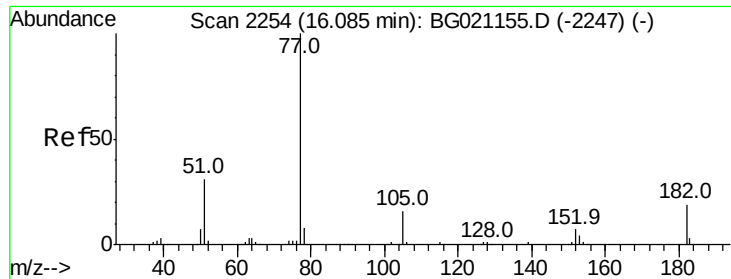
Sohil
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#61
 4-Nitroaniline
 Concen: 56.46 ng
 RT: 15.82 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

Tgt Ion:	138	Resp:	37001
Ion Ratio	Lower	Upper	
138	100		
92	65.5	28.0	68.0
108	114.3	52.6	92.6#





#62

Azobenzene

Concen: 58.75 ng

RT: 16.08 min Scan# 2254

Delta R.T. -0.00 min

Lab File: BG021164.D

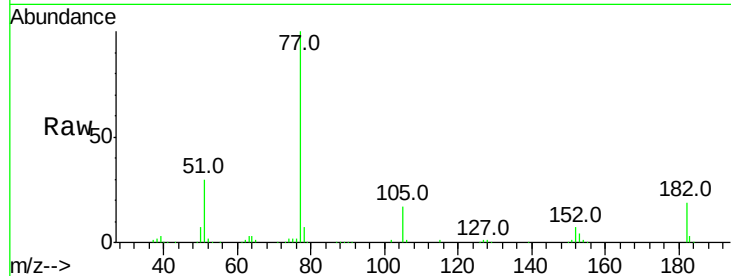
Acq: 29 Feb 2016 20:53

Instrument :

BNA_G

ClientSampleId :

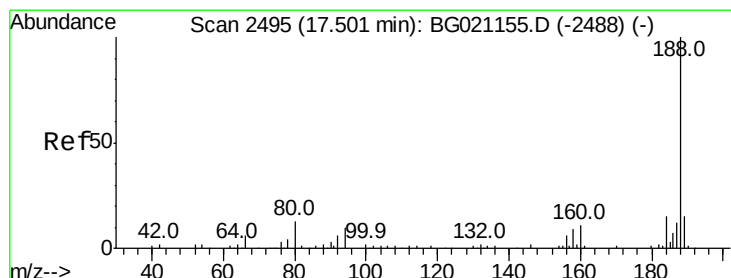
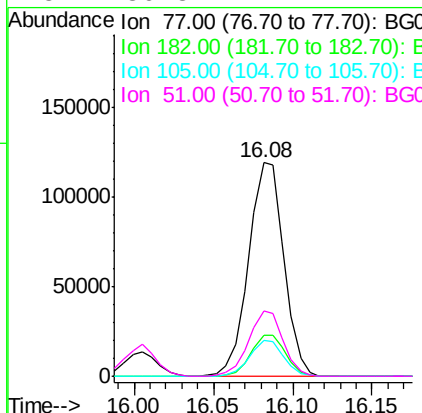
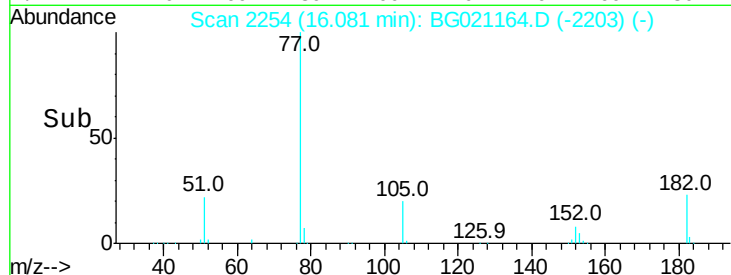
CEB-6(12-14)20160224MSD



Tot Ion	77	Resp	184393
Ion Ratio	Lower	Upper	
77	100		
182	19.3	0.7	40.7
105	16.7	0.0	38.3
51	30.3	4.4	44.4

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#63

Phenanthrene-d10

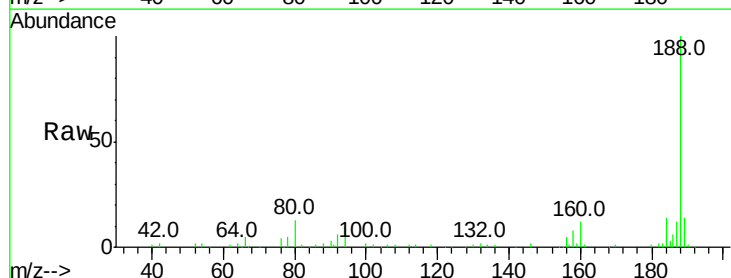
Concen: 20.00 ng

RT: 17.50 min Scan# 2495

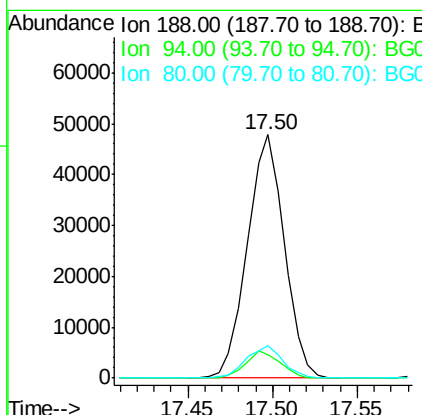
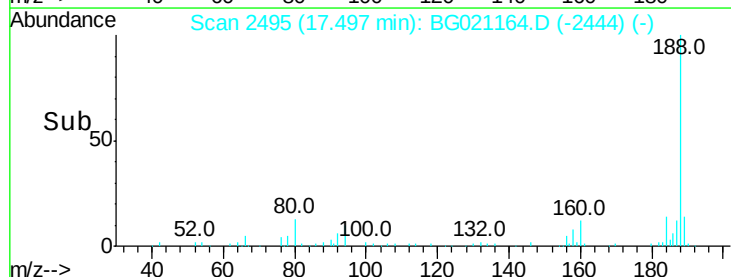
Delta R.T. -0.00 min

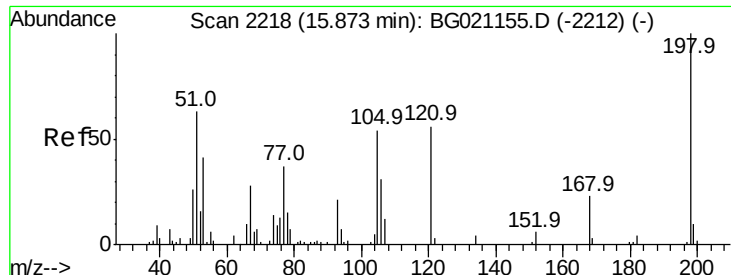
Lab File: BG021164.D

Acq: 29 Feb 2016 20:53



Tgt Ion	188	Resp	72752
Ion Ratio	Lower	Upper	
188	100		
94	9.8	8.2	12.4
80	13.1	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 44.06 ng

RT: 15.87 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG021164.D

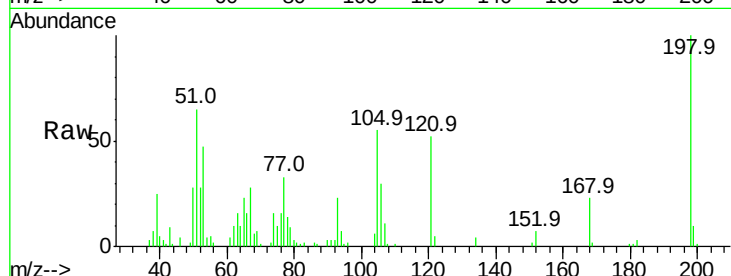
Acq: 29 Feb 2016 20:53

Instrument :

BNA_G

ClientSampleId :

CEB-6(12-14)20160224MSD



Tot Ion:198 Resp: 21989

Ion Ratio Lower Upper

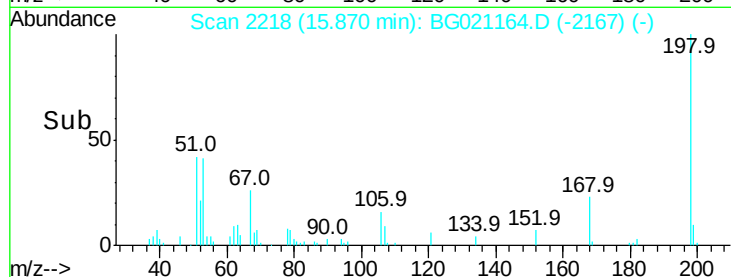
198 100

51 64.9 30.4 70.4

105 54.9 32.8 72.8

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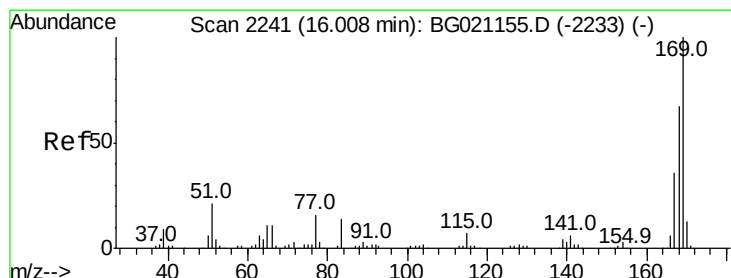
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG021155.D (-2212) (-)

Ion 105.00 (104.70 to 105.70): E

Time-->

15.80 15.85 15.90 15.95



#65

n-Nitrosodiphenylamine

Concen: 55.22 ng

RT: 16.01 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

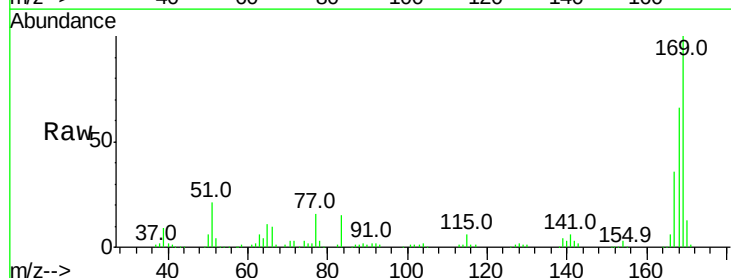
Tgt Ion:169 Resp: 123534

Ion Ratio Lower Upper

169 100

168 66.2 58.2 87.2

167 35.9 31.0 46.6



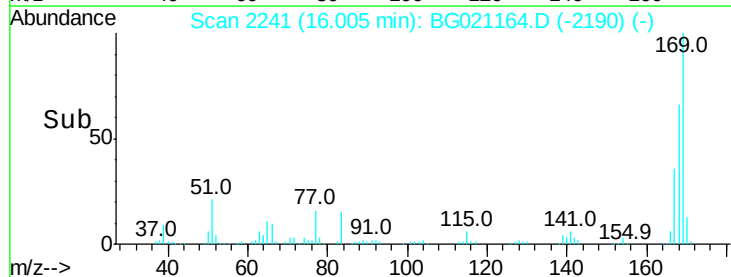
Abundance Ion 169.00 (168.70 to 169.70): E

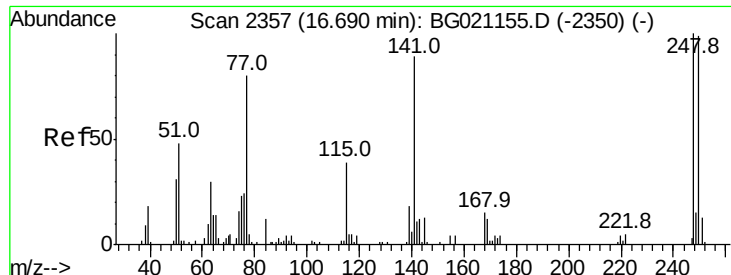
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->

15.95 16.00 16.05 16.10





#66

4-Bromophenyl-phenylether

Concen: 53.09 ng

RT: 16.68 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BG021164.D

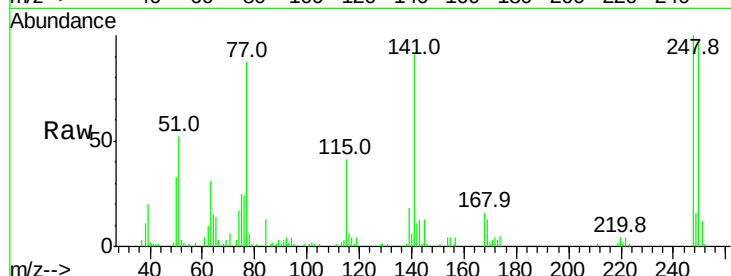
Acq: 29 Feb 2016 20:53

Instrument :

BNA_G

ClientSampleId :

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Tot Ion:248 Resp: 40365

Ion Ratio Lower Upper

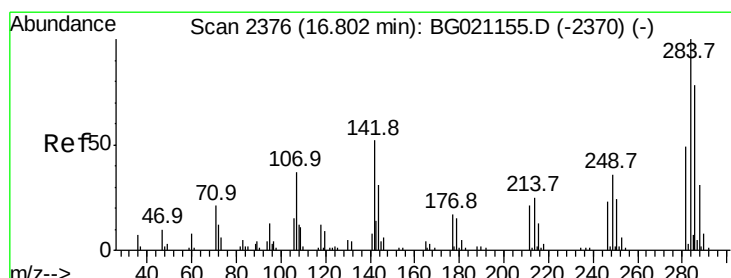
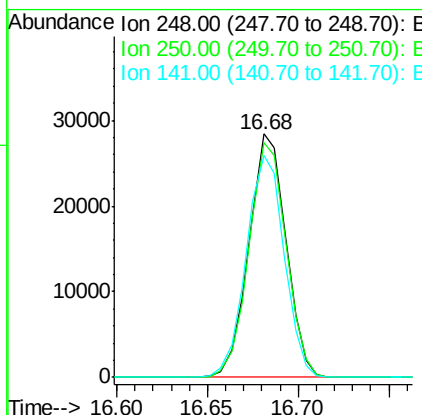
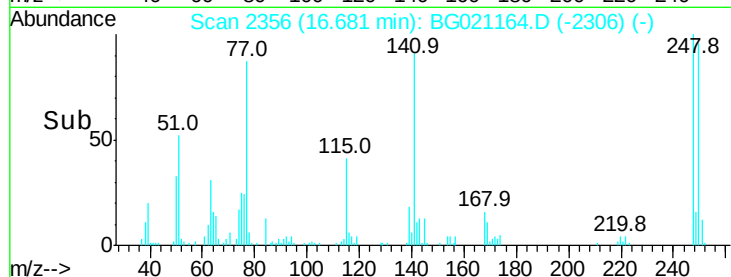
248 100

250 96.5 76.4 114.6

141 90.9 57.4 86.0#

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#67

Hexachlorobenzene

Concen: 52.98 ng

RT: 16.80 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

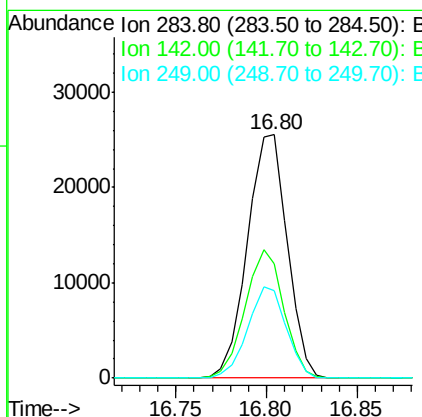
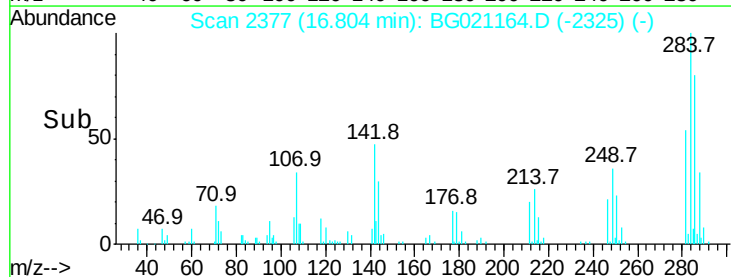
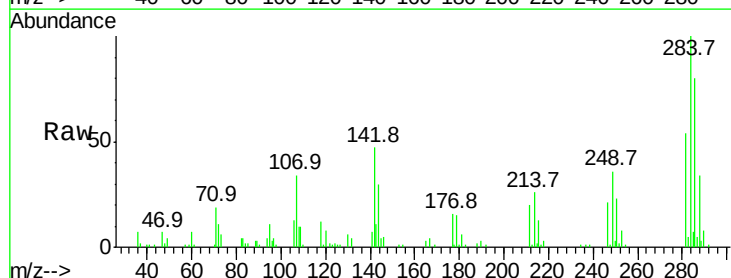
Tgt Ion:284 Resp: 39094

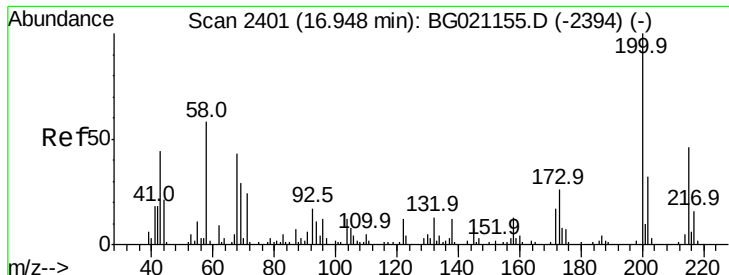
Ion Ratio Lower Upper

284 100

142 46.7 32.1 48.1

249 38.8 24.0 36.0#





#68

Atrazine

Concen: 59.56 ng

RT: 16.95 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Instrument :

BNA_G

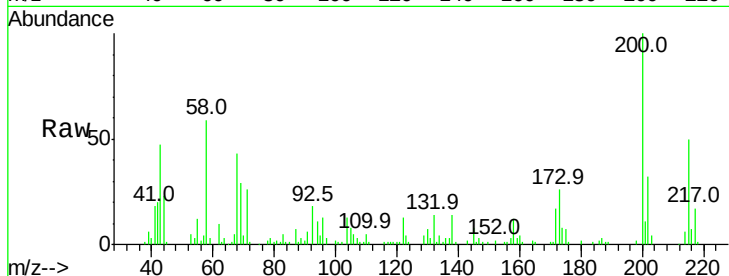
ClientSampleId :

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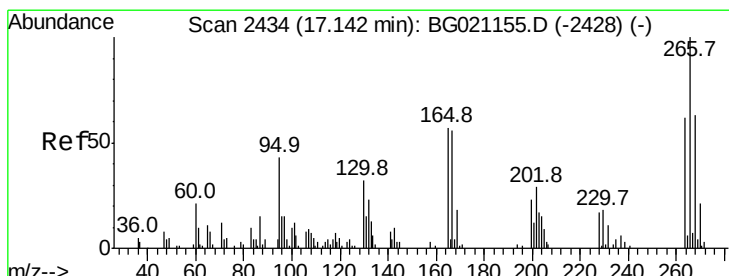
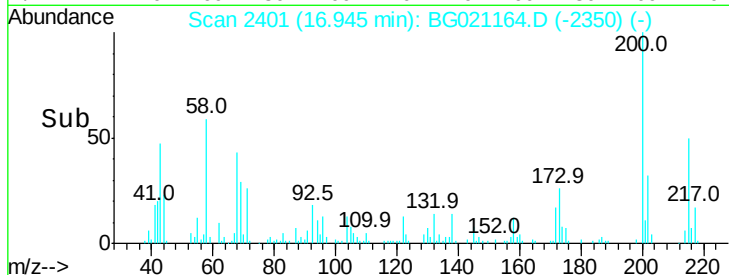
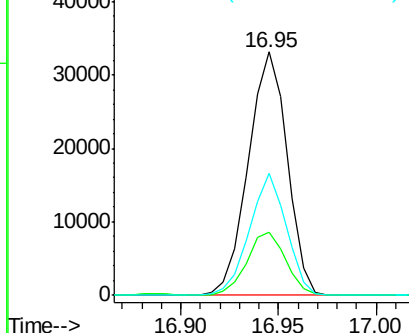
Tot Ion:	200	Resp:	45627
Ion Ratio	Lower	Upper	
200	100		
173	26.0	3.9	43.9
215	49.9	29.0	69.0

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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 110.00 ng

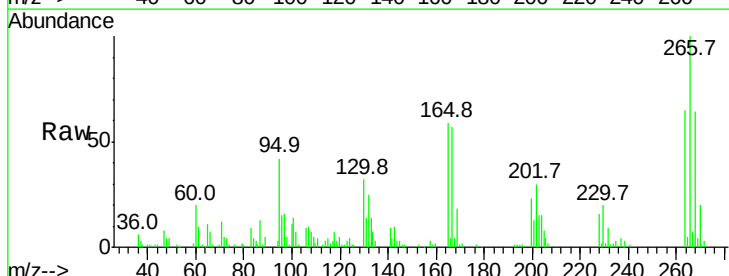
RT: 17.14 min Scan# 2434

Delta R.T. -0.00 min

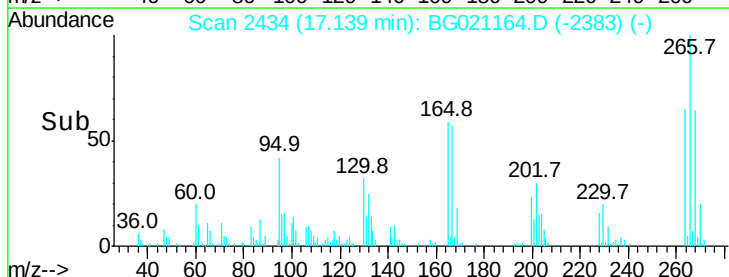
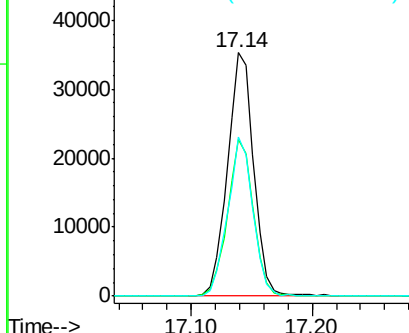
Lab File: BG021164.D

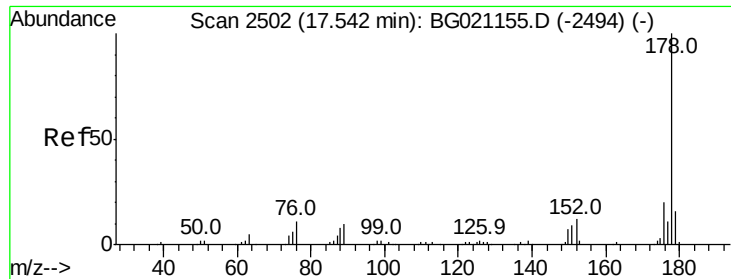
Acq: 29 Feb 2016 20:53

Tgt Ion:	266	Resp:	53032
Ion Ratio	Lower	Upper	
266	100		
268	68.4	51.0	76.6
264	70.2	47.8	71.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





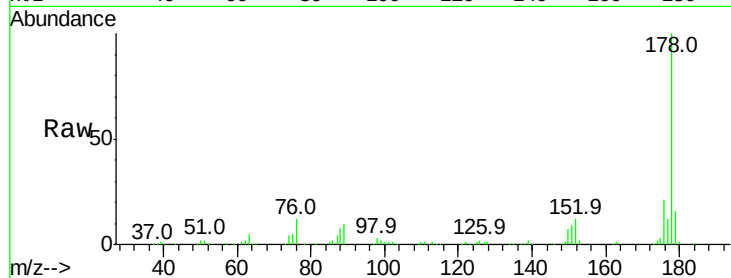
#70
Phenanthrene
Concen: 53.94 ng
RT: 17.54 min Scan# 2502
Delta R.T. -0.00 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

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

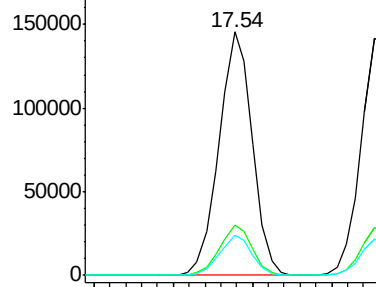
Tot Ion	Ratio	Resp	Lower	Upper
178	100	211789		
176	20.5	16.2	24.4	
179	16.2	12.9	19.3	

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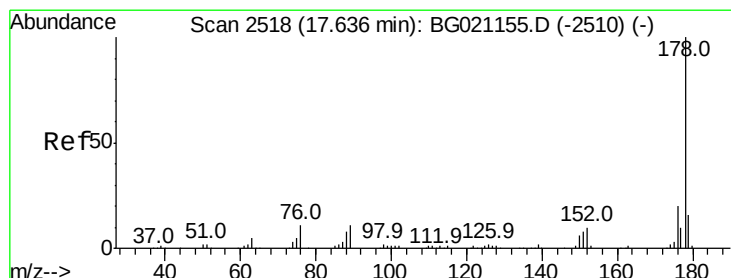
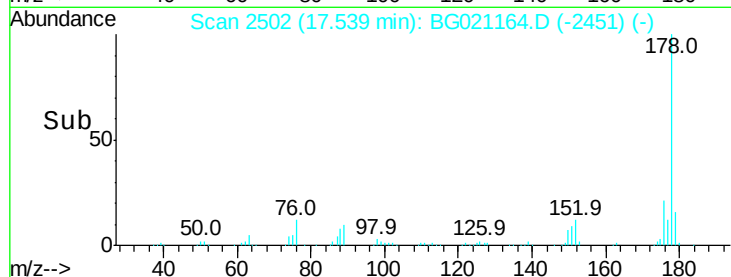
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

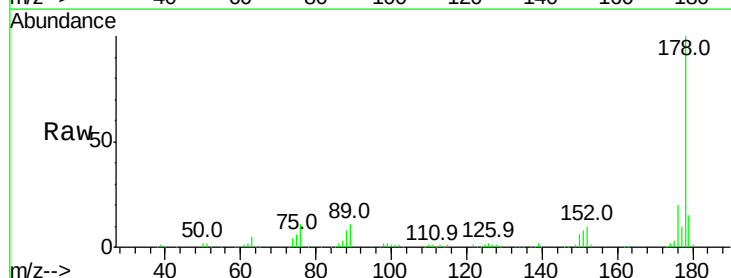


Time-->

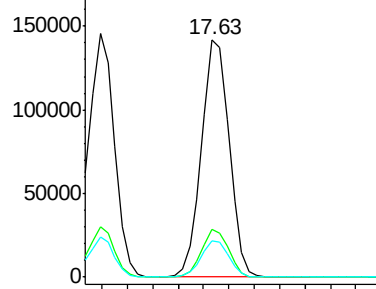


#71
Anthracene
Concen: 53.29 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

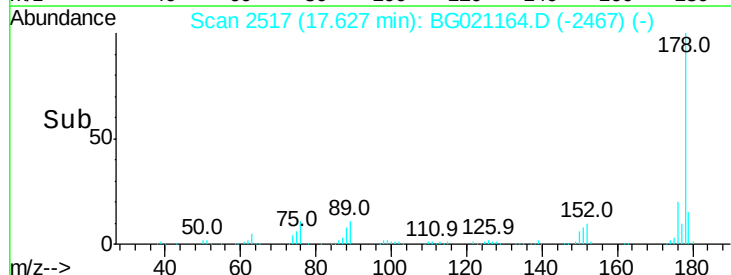
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	214083		
176	20.2	14.8	22.2	
179	15.4	12.6	19.0	

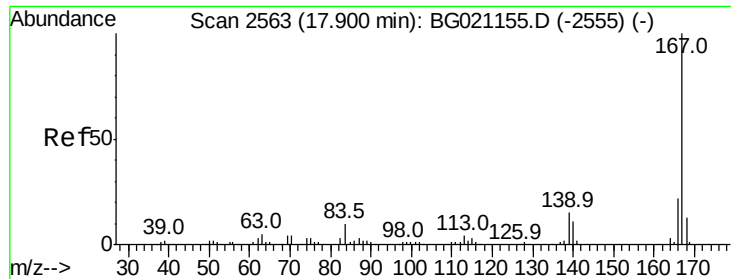


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





#72

Carbazole

Concen: 54.67 ng

RT: 17.90 min Scan# 2563

Delta R.T. -0.00 min

Lab File: BG021164.D

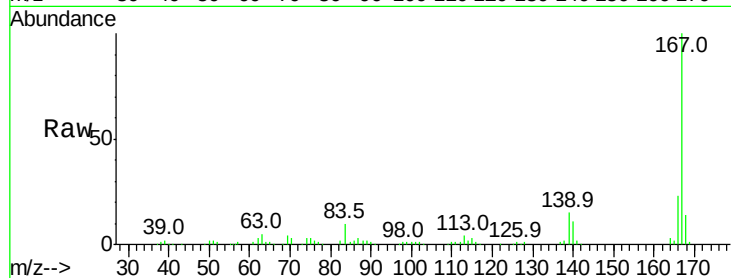
Acq: 29 Feb 2016 20:53

Instrument :

BNA_G

ClientSampleId :

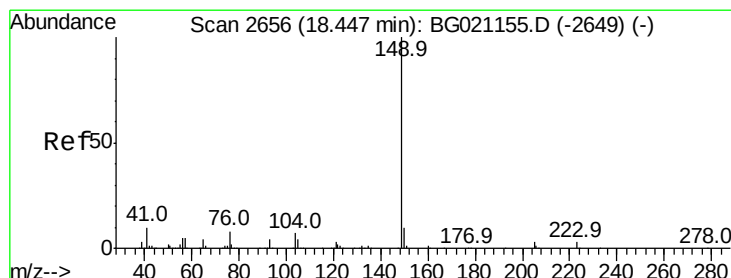
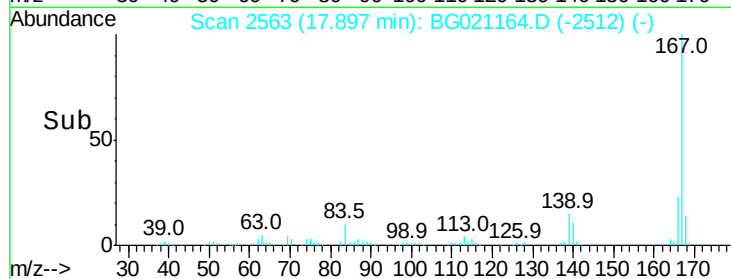
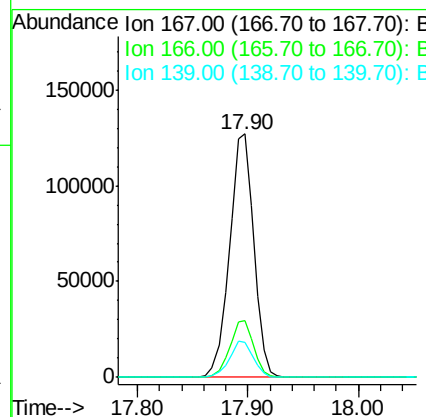
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Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	23.1		17.5	26.3
139	14.6		10.3	15.5

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#73

Di-n-butylphthalate

Concen: 52.52 ng

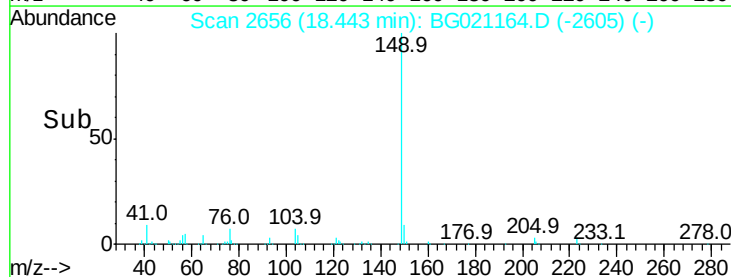
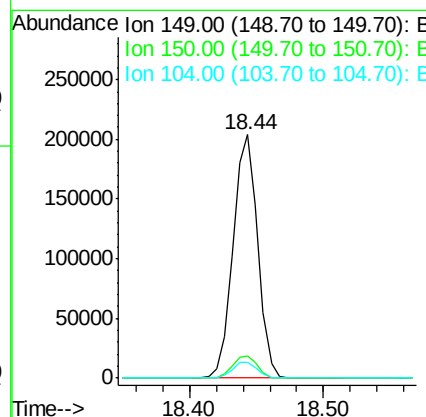
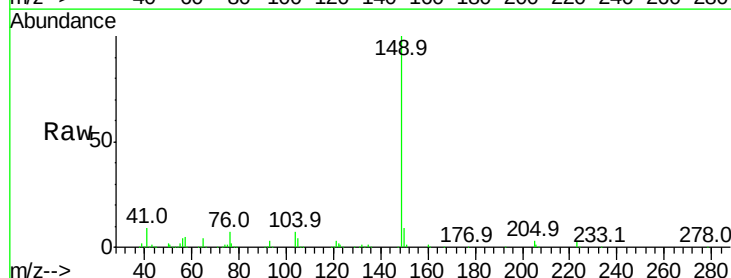
RT: 18.44 min Scan# 2656

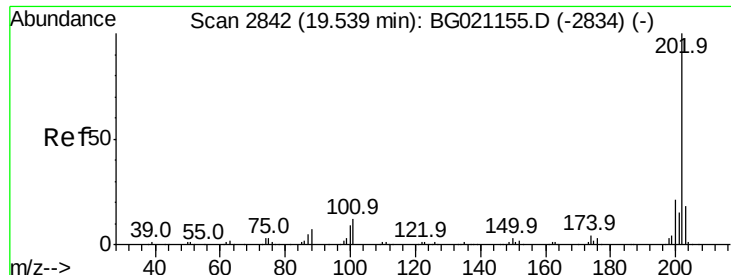
Delta R.T. -0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.2		7.6	11.4
104	6.7		4.1	6.1#





#74

Fluoranthene

Concen: 51.81 ng

RT: 19.53 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Instrument :

BNA_G

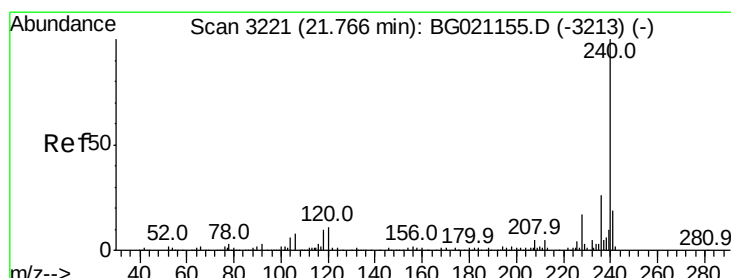
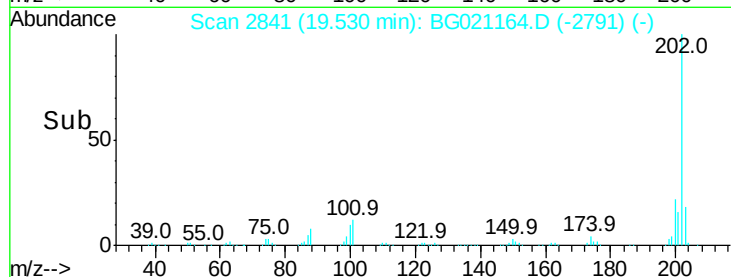
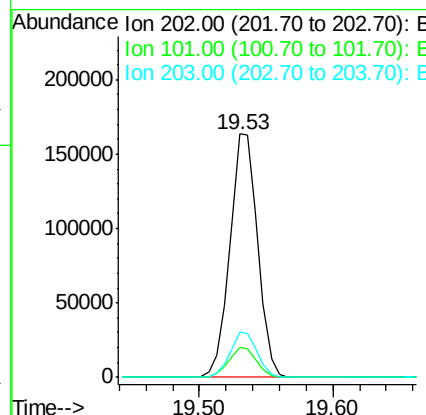
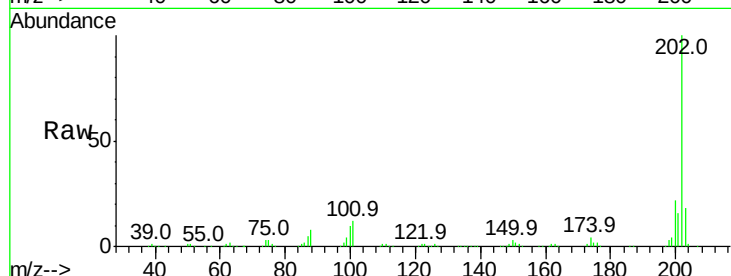
ClientSampleId :

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Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.3	0.0	32.5
203	18.5	0.0	37.6

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#75

Chrysene-d12

Concen: 20.00 ng

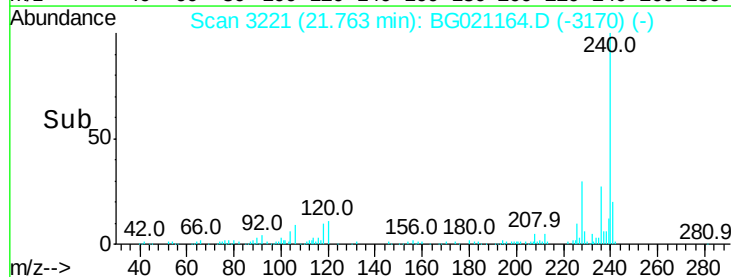
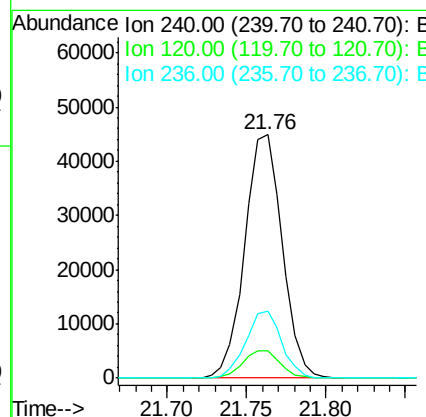
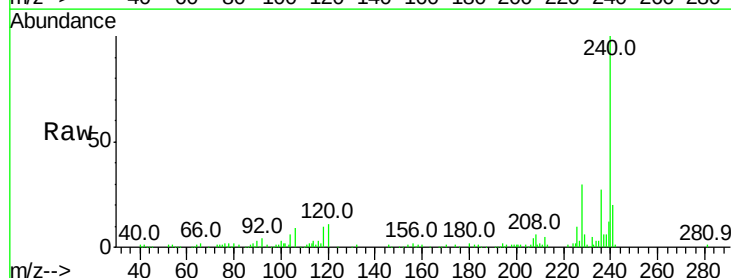
RT: 21.76 min Scan# 3221

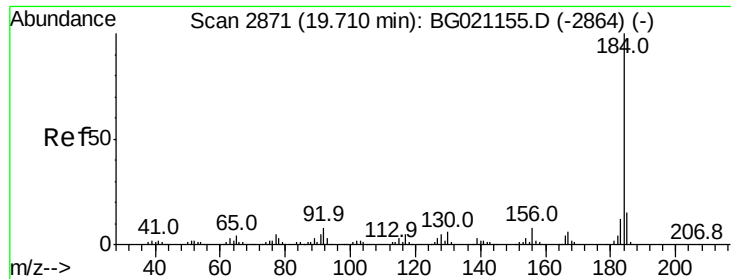
Delta R.T. -0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	11.0	7.5	11.3
236	27.3	20.5	30.7





#76

Benzidine

Concen: 32.16 ng

RT: 19.71 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Instrument :

BNA_G

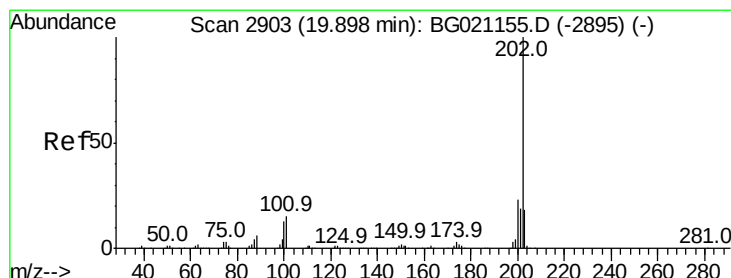
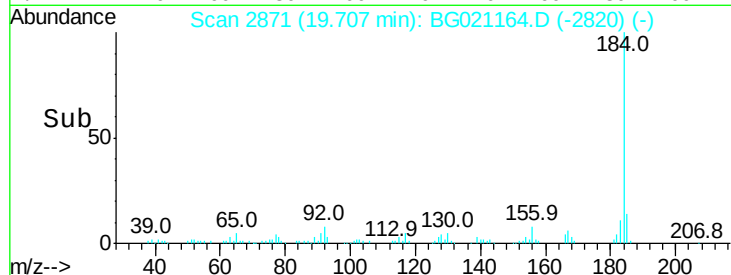
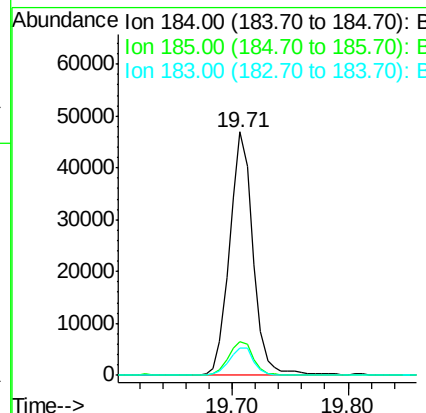
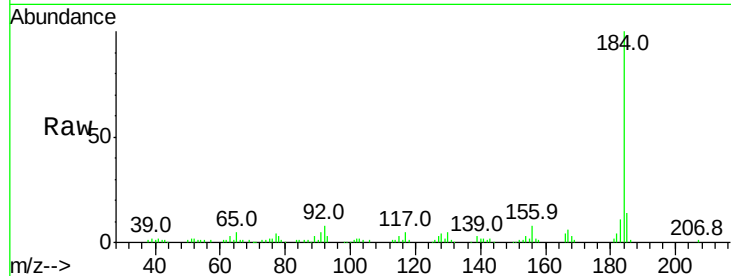
ClientSampleId :

CEB-6(12-14)20160224MSD

Tot Ion:	184	Resp:	66270
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.5	17.3
183	11.4	10.1	15.1

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#77

Pyrene

Concen: 56.02 ng

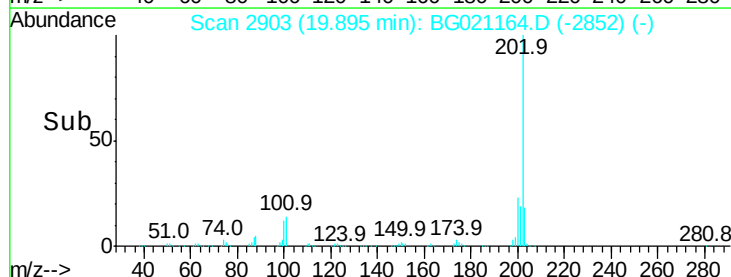
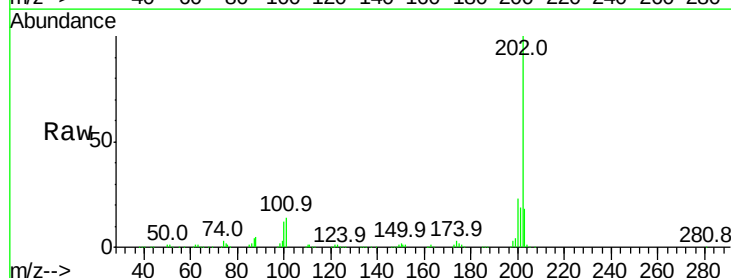
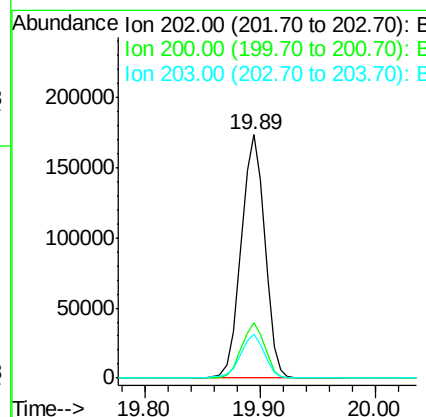
RT: 19.89 min Scan# 2903

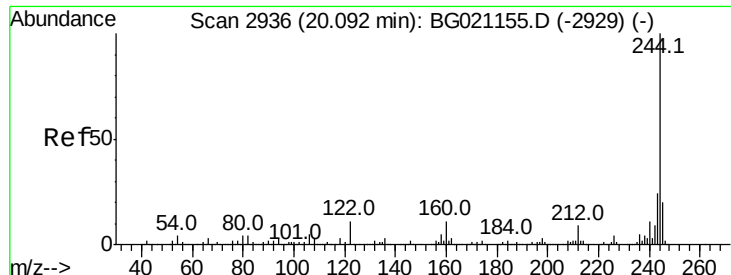
Delta R.T. -0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Tgt Ion:	202	Resp:	246122
Ion Ratio	Lower	Upper	
202	100		
200	22.9	16.6	25.0
203	18.2	13.8	20.8





#78

Terphenyl-d14

Concen: 95.48 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Instrument :

BNA_G

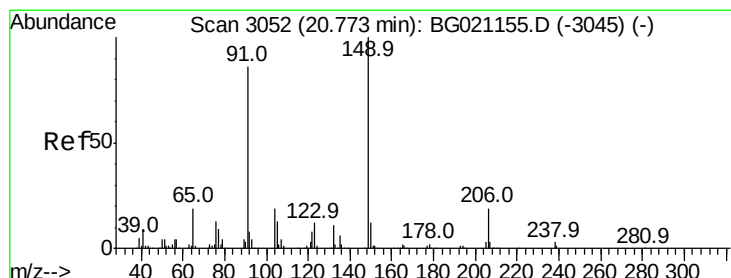
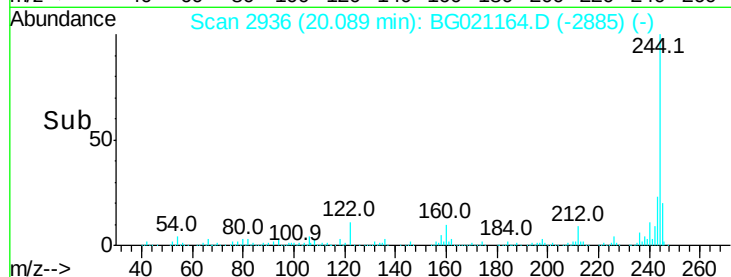
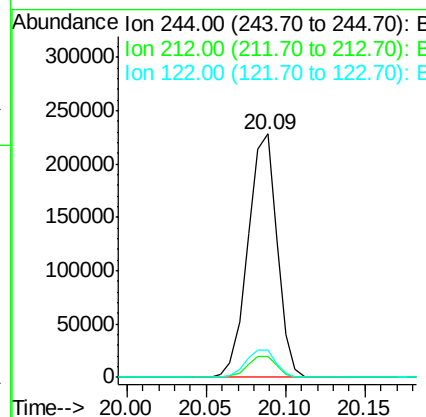
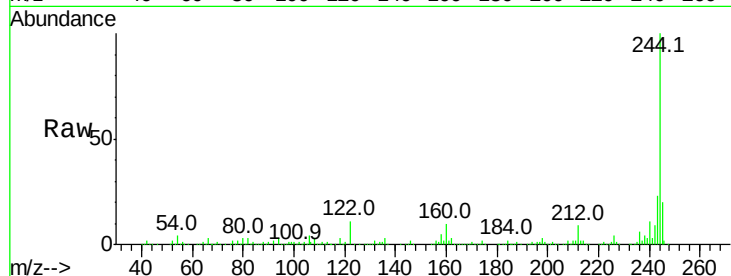
ClientSampleId :

CEB-6(12-14)20160224MSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	8.7	5.8	8.6#	
122	11.0	8.3	12.5	

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3/1/2016 3:01:49 PM



#79

Butylbenzylphthalate

Concen: 55.16 ng

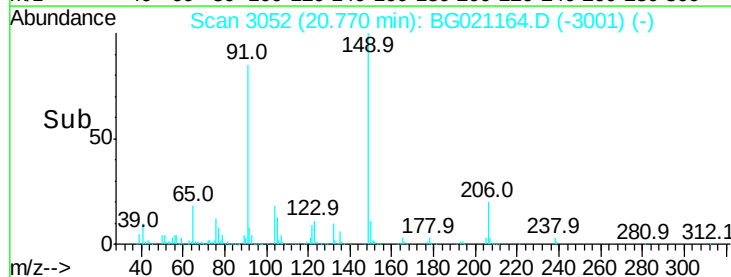
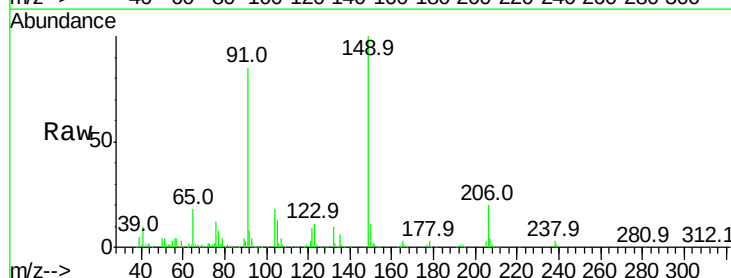
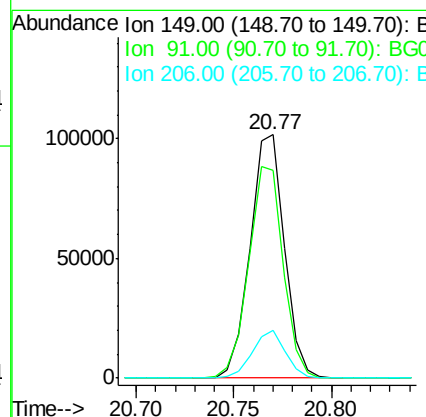
RT: 20.77 min Scan# 3052

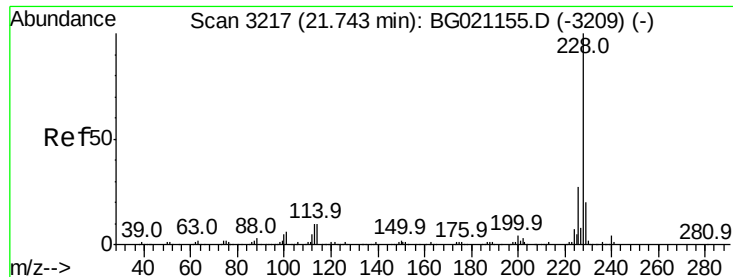
Delta R.T. -0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	85.2	58.6	87.8	
206	19.5	14.2	21.4	





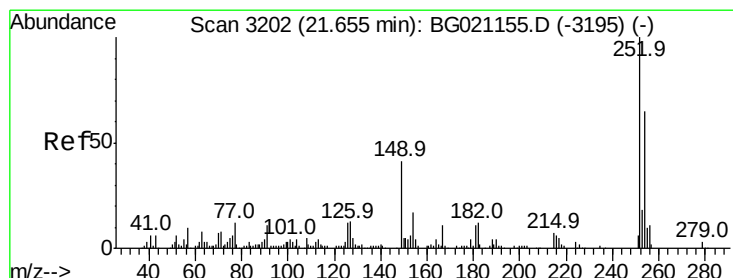
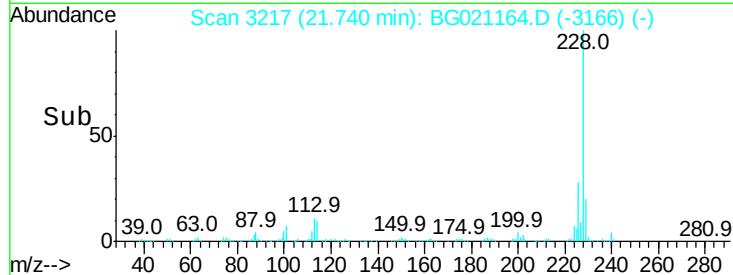
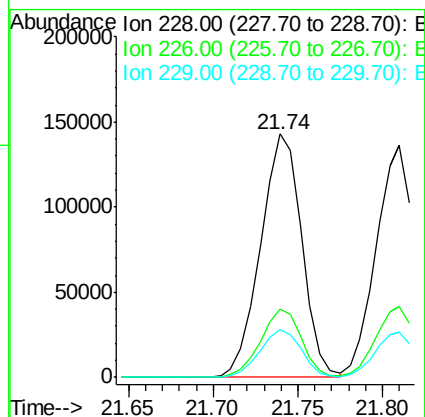
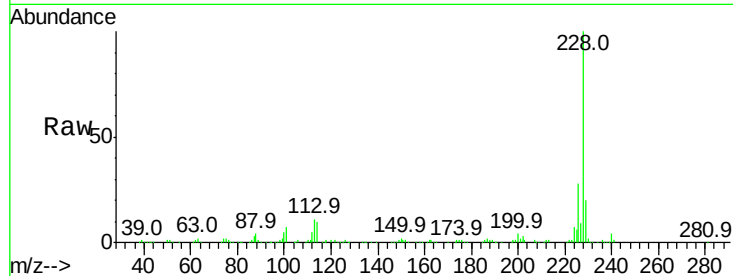
#80
Benzo(a)anthracene
Concen: 55.43 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.00 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.7	34.1
229	19.9	15.5	23.3

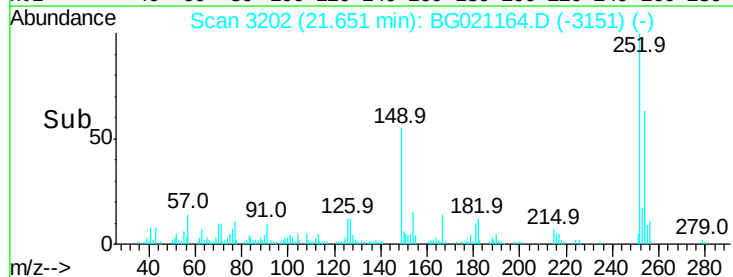
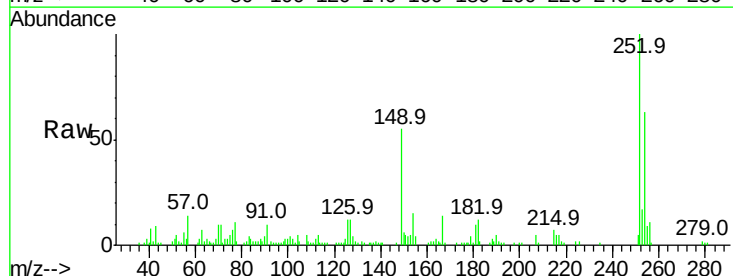
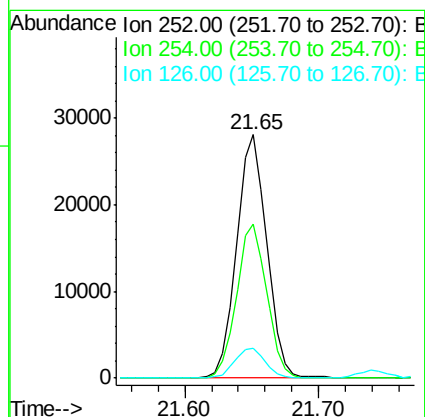
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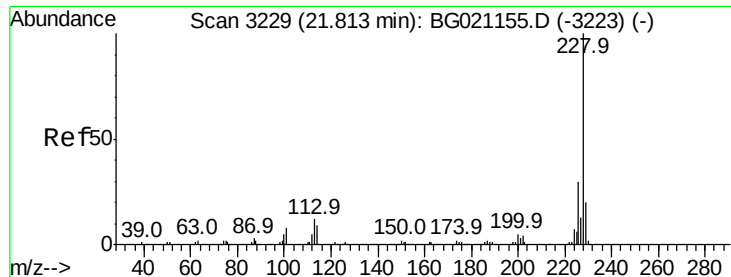
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#81
3,3'-Dichlorobenzidine
Concen: 26.68 ng
RT: 21.65 min Scan# 3202
Delta R.T. -0.00 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.6	79.0
126	12.2	8.3	12.5





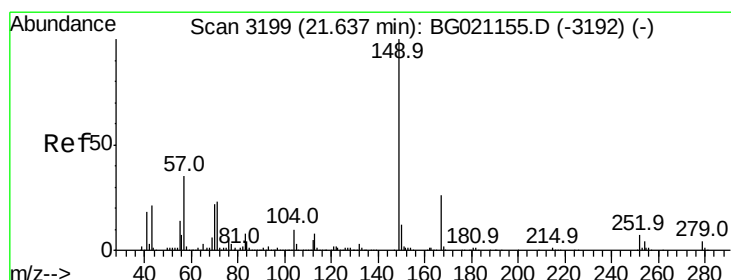
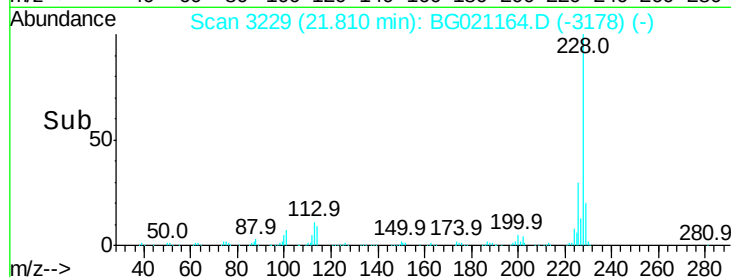
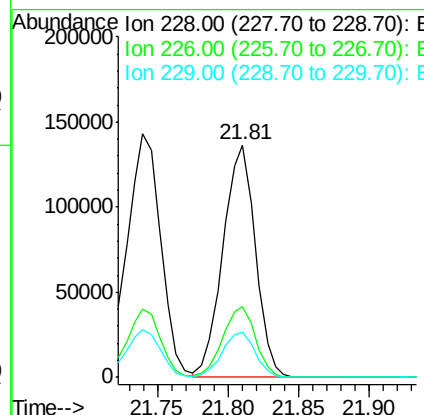
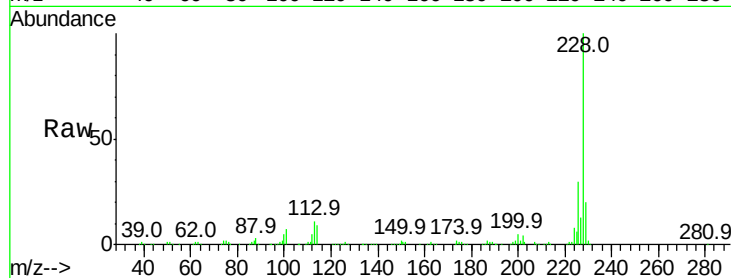
#82
 Chrysene
 Concen: 52.75 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.00 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

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

Tot Ion:	228	Resp:	217963
Ion Ratio		Lower	Upper
228	100		
226	30.2	23.7	35.5
229	19.5	16.7	25.1

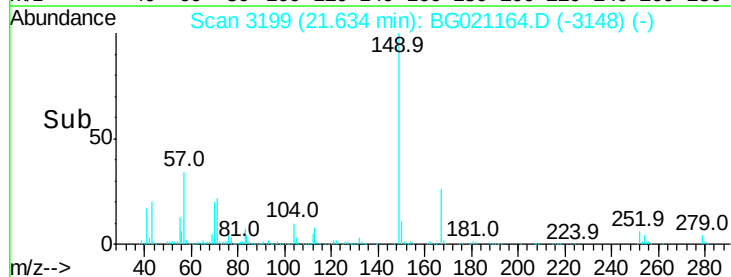
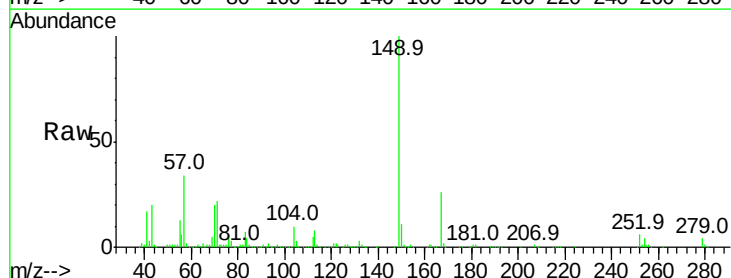
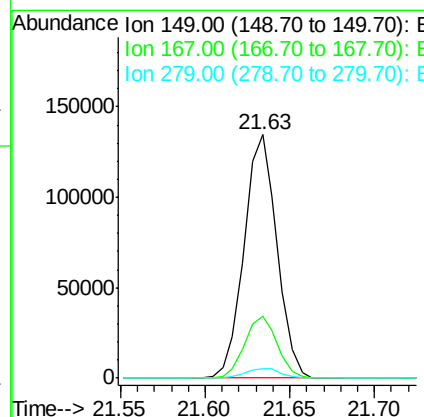
Manual Integrations
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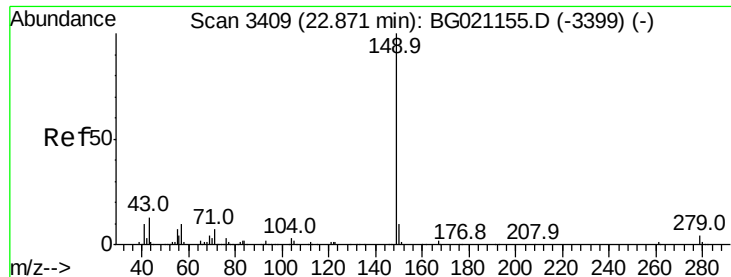
Sohil
 3/1/2016 3:01:49 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.19 ng
 RT: 21.63 min Scan# 3199
 Delta R.T. -0.00 min
 Lab File: BG021164.D
 Acq: 29 Feb 2016 20:53

Tgt Ion:	149	Resp:	181379
Ion Ratio		Lower	Upper
149	100		
167	25.6	18.9	28.3
279	3.8	3.0	4.6





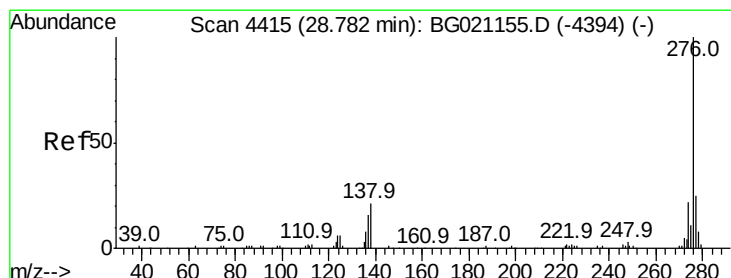
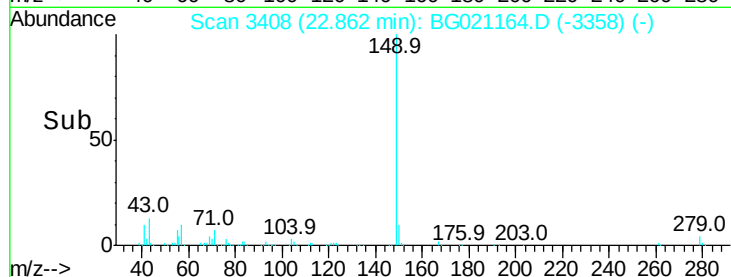
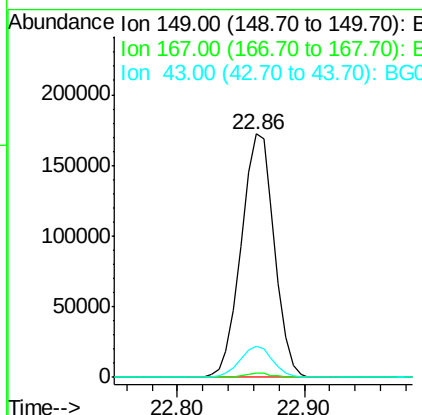
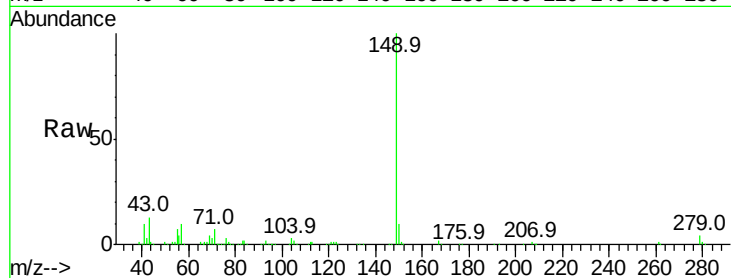
#84
Di-n-octyl phthalate
Concen: 56.86 ng
RT: 22.86 min Scan# 3408
Delta R.T. -0.01 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

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

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.4	9.8	14.8

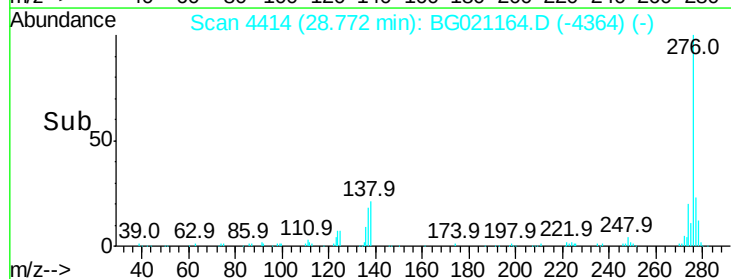
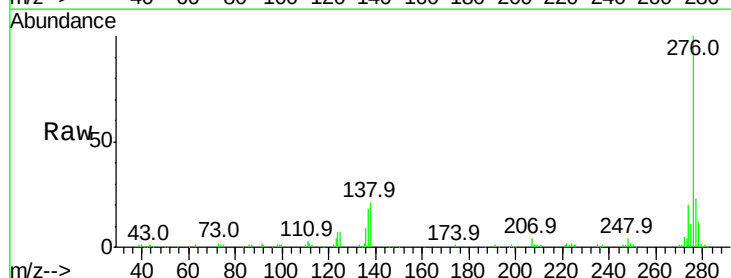
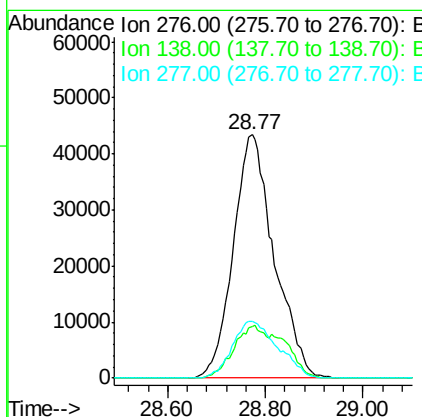
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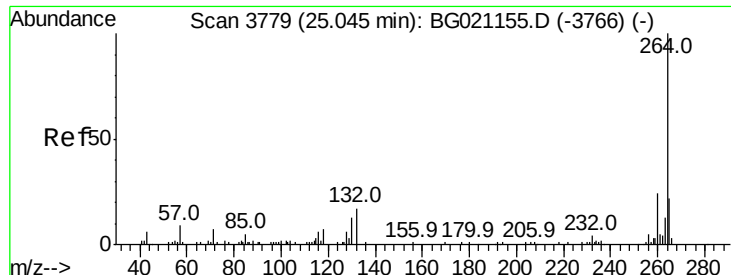
Sohil
3/1/2016 3:01:49 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 53.29 ng
RT: 28.77 min Scan# 4414
Delta R.T. -0.01 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	17.0	0.0	0.0#
277	26.0	0.0	0.0#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.03 min Scan# 3777

Delta R.T. -0.01 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Instrument :

BNA_G

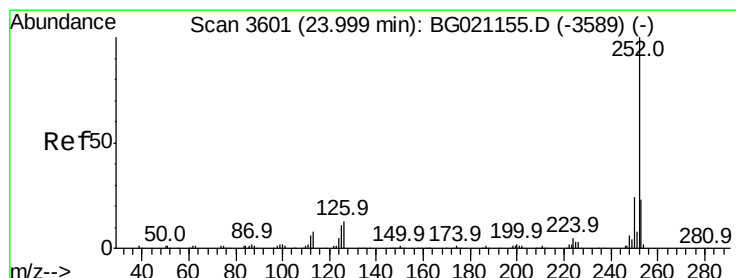
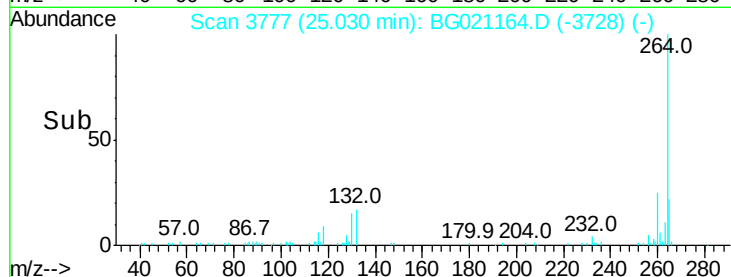
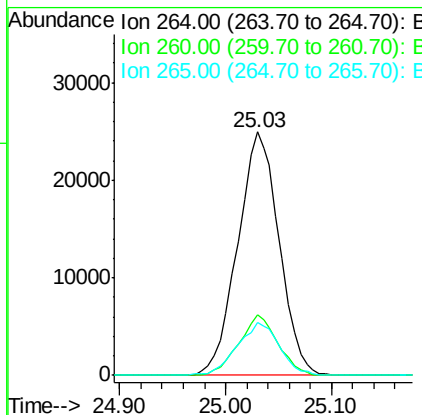
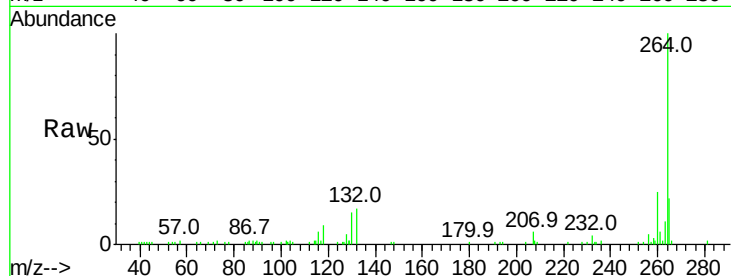
ClientSampleId :

CEB-6(12-14)20160224MSD

Tot Ion:	264	Resp:	67738
Ion Ratio	Lower	Upper	
264	100		
260	24.9	18.5	27.7
265	21.7	18.6	28.0

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 55.52 ng

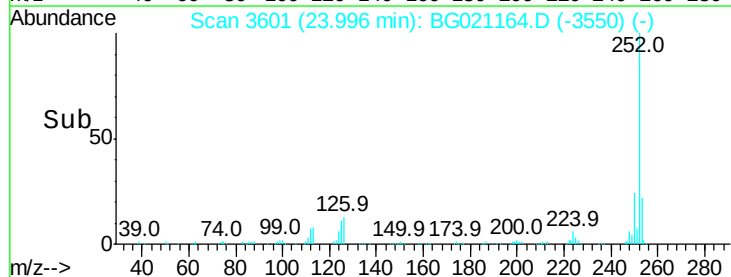
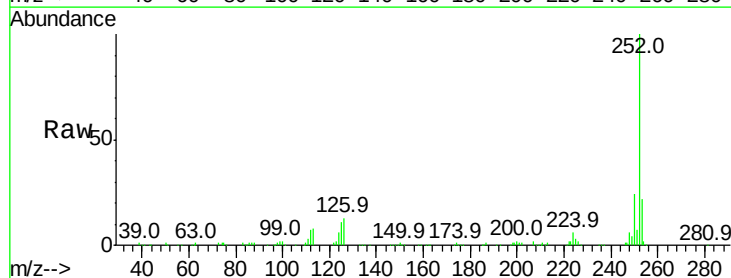
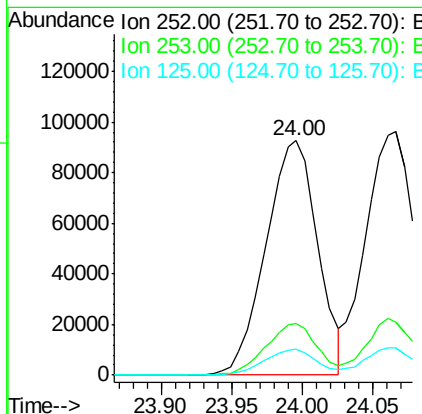
RT: 24.00 min Scan# 3601

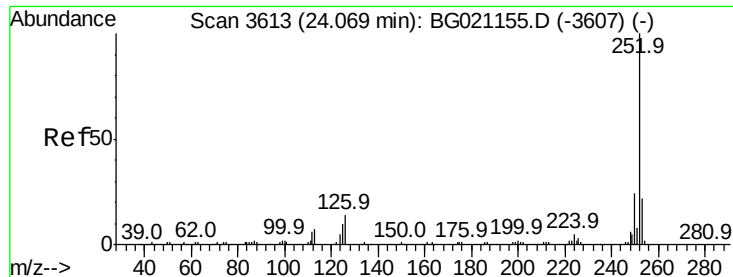
Delta R.T. -0.00 min

Lab File: BG021164.D

Acq: 29 Feb 2016 20:53

Tgt Ion:	252	Resp:	236533
Ion Ratio	Lower	Upper	
252	100		
253	22.1	16.8	25.2
125	10.9	8.2	12.2





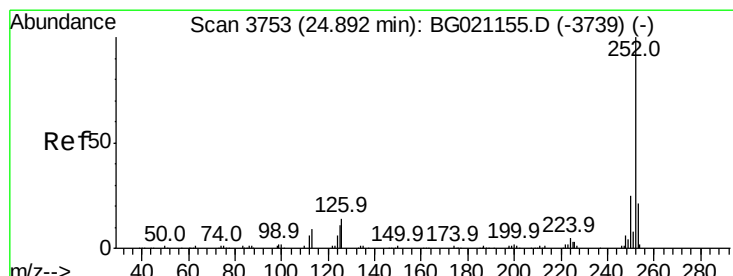
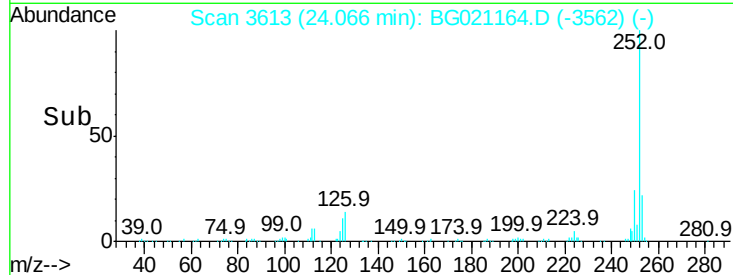
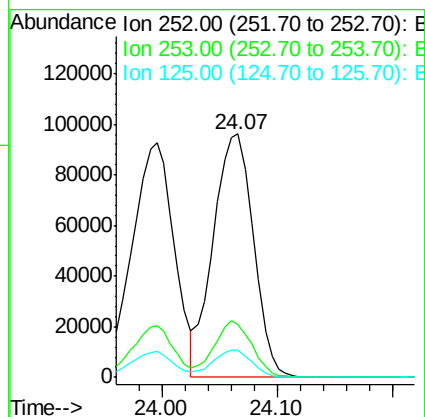
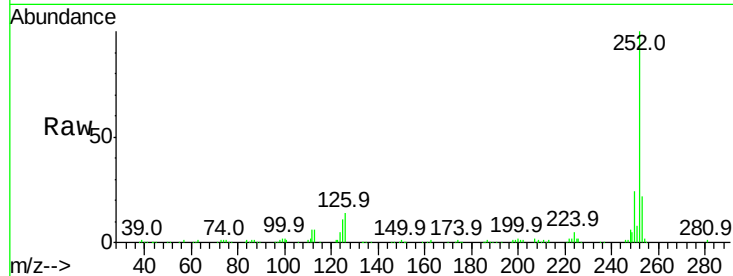
#88
Benzo(k)fluoranthene
Concen: 54.48 ng
RT: 24.07 min Scan# 3613
Delta R.T. -0.00 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100	232493		
253	21.8	16.4	24.6	
125	11.1	8.2	12.2	

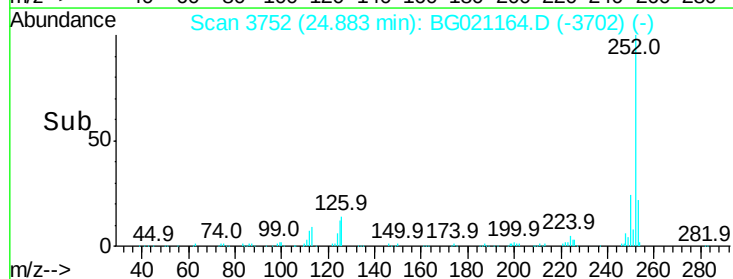
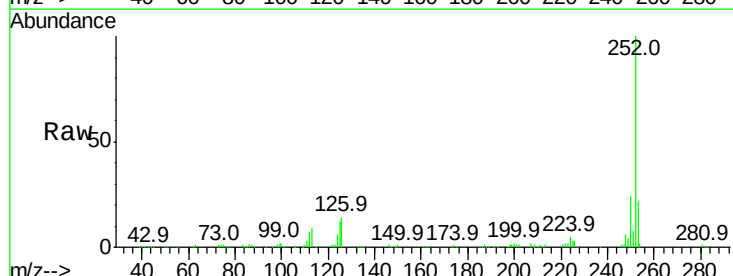
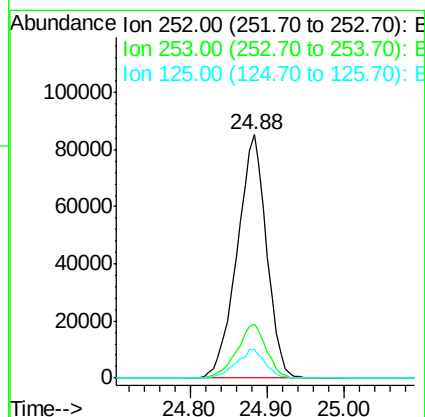
Manual Integrations
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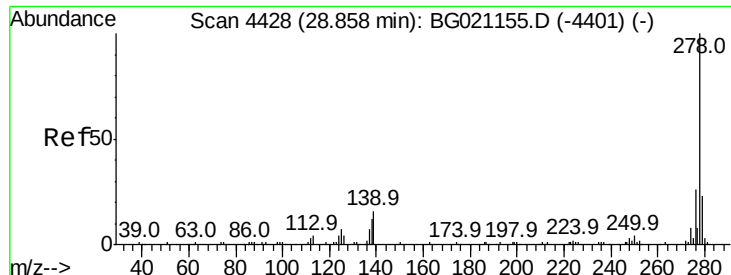
Sohil
3/1/2016 3:01:49 PM



#89
Benzo(a)pyrene
Concen: 55.05 ng
RT: 24.88 min Scan# 3752
Delta R.T. -0.01 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	226794		
253	22.0	15.8	23.8	
125	12.0	8.4	12.6	





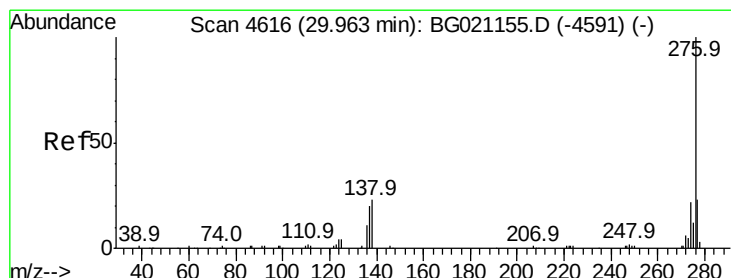
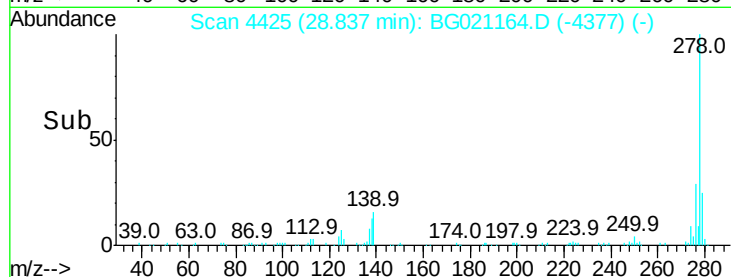
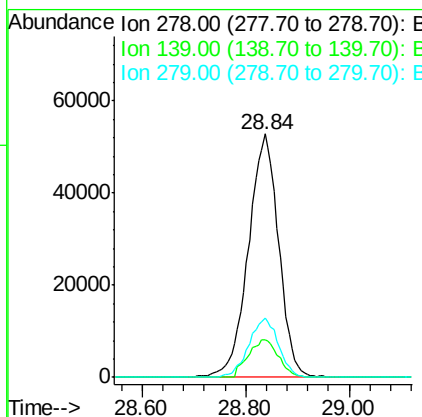
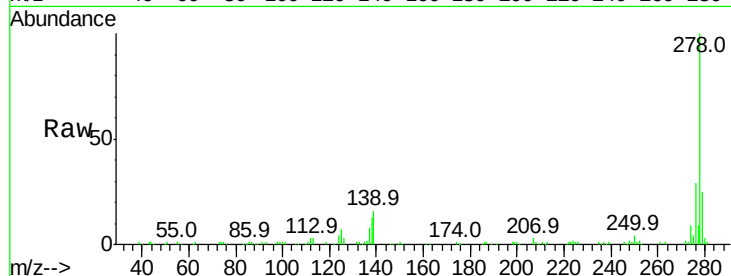
#90
Dibenzo(a,h)anthracene
Concen: 52.60 ng
RT: 28.84 min Scan# 4425
Delta R.T. -0.02 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	10.6	15.8
279	24.6	19.7	29.5

Manual Integrations
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3/1/2016 3:01:49 PM



#91
Benzo(g,h,i)perylene
Concen: 51.67 ng
RT: 29.95 min Scan# 4614
Delta R.T. -0.01 min
Lab File: BG021164.D
Acq: 29 Feb 2016 20:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	16.6	25.0
138	21.4	14.6	21.8

