

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
 Data File : BG021223.D
 Acq On : 2 Mar 2016 21:39
 Operator : UM/SJ
 Sample : H1640-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MSD

Manual Integrations
 APPROVED

Sohil
 3/3/2016 8:23:25 AM

Quant Time: Mar 03 01:05:51 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 11:46:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10807	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	53252	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	31531	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	68972	20.00	ng	0.00
75) Chrysene-d12	21.77	240	76234	20.00	ng	0.00
86) Perylene-d12	25.04	264	70859	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	110453	162.48	ng	0.00
7) Phenol-d6	7.30	99	178587	159.77	ng	0.00
23) Nitrobenzene-d5	9.31	82	127961	101.68	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	56050	170.85	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	227546	102.48	ng	0.00
78) Terphenyl-d14	20.09	244	330007	104.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	9777	32.02	ng	89
3) Pyridine	3.99	79	33257	34.46	ng	97
4) n-Nitrosodimethylamine	3.90	42	18045	37.12	ng	97
6) Aniline	7.47	93	29791	20.10	ng	# 89
8) 2-Chlorophenol	7.71	128	45182	54.22	ng	88
9) Benzaldehyde	7.28	77	5633	8.07	ng	81
10) Phenol	7.33	94	64939	54.50	ng	80
11) bis(2-Chloroethyl)ether	7.56	93	43124	46.95	ng	96
12) 1,3-Dichlorobenzene	8.03	146	40591	47.50	ng	# 93
13) 1,4-Dichlorobenzene	8.18	146	41651	47.34	ng	96
14) 1,2-Dichlorobenzene	8.50	146	42576	50.74	ng	98
15) Benzyl Alcohol	8.38	79	53080	52.00	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.67	45	64011	40.37	ng	94
17) 2-Methylphenol	8.58	107	44834	54.38	ng	# 88
18) Hexachloroethane	9.23	117	17312	46.99	ng	91
19) n-Nitroso-di-n-propylamine	8.95	70	44374	42.97	ng	92
20) 3+4-Methylphenols	8.91	107	61758	52.89	ng	94
22) Acetophenone	8.97	105	74107	46.77	ng	# 96
24) Nitrobenzene	9.35	77	67336	49.02	ng	90
25) Isophorone	9.88	82	121502	44.55	ng	# 96
26) 2-Nitrophenol	10.07	139	26691	53.35	ng	# 67
27) 2,4-Dimethylphenol	10.12	122	46724	52.06	ng	88
28) bis(2-Chloroethoxy)methane	10.35	93	63124	49.85	ng	99
29) 2,4-Dichlorophenol	10.60	162	46581	57.61	ng	95
30) 1,2,4-Trichlorobenzene	10.82	180	44783	54.91	ng	95
31) Naphthalene	11.01	128	146256	52.68	ng	99
32) Benzoic acid	10.20	122	6676	13.41	ng	84
33) 4-Chloroaniline	11.11	127	15583	12.17	ng	# 87
34) Hexachlorobutadiene	11.28	225	27971	56.34	ng	92
35) Caprolactam	11.92	113	17730m	44.97	ng	
36) 4-Chloro-3-methylphenol	12.23	107	60694	49.48	ng	85
37) 2-Methylnaphthalene	12.60	142	108031	54.65	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	54053	57.09	ng	99
40) Hexachlorocyclopentadiene	12.94	237	40871	78.72	ng	99

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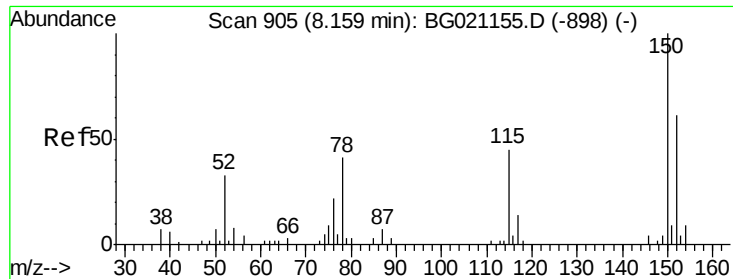
Manual Integrations
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 3/3/2016 8:23:25 AM

Quant Time: Mar 03 01:05:51 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 11:46:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	41808	58.79	nq	99
43) 2,4,5-Trichlorophenol	13.27	196	43901	57.73	nq	92
45) 1,1'-Biphenyl	13.60	154	137230	52.92	nq	97
46) 2-Chloronaphthalene	13.64	162	107128	55.04	nq	98
47) 2-Nitroaniline	13.84	65	46592	49.11	nq	# 74
48) Acenaphthylene	14.48	152	169087	51.31	nq	99
49) Dimethylphthalate	14.21	163	183002	65.13	nq	# 99
50) 2,6-Dinitrotoluene	14.33	165	30681	52.18	nq	# 70
51) Acenaphthene	14.82	154	104343	49.87	nq	99
52) 3-Nitroaniline	14.66	138	20287	31.10	nq	# 73
53) 2,4-Dinitrophenol	14.87	184	18439	56.74	nq	92
54) Dibenzofuran	15.15	168	156907	56.16	nq	93
55) 4-Nitrophenol	14.97	139	54963	101.59	nq	# 63
56) 2,4-Dinitrotoluene	15.12	165	43334	51.17	nq	# 83
57) Fluorene	15.80	166	134056	50.36	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	36673	60.29	nq	# 96
59) Diethylphthalate	15.56	149	146896	47.30	nq	98
60) 4-Chlorophenyl-phenylether	15.79	204	66995	50.41	nq	98
61) 4-Nitroaniline	15.82	138	31980	45.90	nq	# 64
62) Azobenzene	16.08	77	162987	48.86	nq	95
64) 4,6-Dinitro-2-methylphenol	15.88	198	20736	43.85	nq	92
65) n-Nitrosodiphenylamine	16.01	169	119744	56.46	nq	95
66) 4-Bromophenyl-phenylether	16.68	248	39946	55.41	nq	# 89
67) Hexachlorobenzene	16.80	284	39744	56.81	nq	# 87
68) Atrazine	16.95	200	44799	61.69	nq	97
69) Pentachlorophenol	17.15	266	51227	112.08	nq	94
70) Phenanthrene	17.54	178	200144	53.77	nq	99
71) Anthracene	17.63	178	202044	53.05	nq	99
72) Carbazole	17.90	167	188918	55.93	nq	98
73) Di-n-butylphthalate	18.44	149	237804	50.08	nq	# 98
74) Fluoranthene	19.54	202	229294	52.44	nq	98
76) Benzidine	19.71	184	77979	36.56	nq	99
77) Pyrene	19.89	202	232906	51.21	nq	98
79) Butylbenzylphthalate	20.77	149	110683	47.69	nq	89
80) Benzo(a)anthracene	21.75	228	233315	51.69	nq	98
81) 3,3'-Dichlorobenzidine	21.65	252	42836	25.08	nq	96
82) Chrysene	21.82	228	209692	49.03	nq	99
83) Bis(2-ethylhexyl)phthalate	21.63	149	165468	48.64	nq	97
84) Di-n-octyl phthalate	22.87	149	285242	50.34	nq	# 97
85) Indeno(1,2,3-cd)pyrene	28.80	276	235009	47.92	nq	# 72
87) Benzo(b)fluoranthene	24.00	252	232254	52.11	nq	98
88) Benzo(k)fluoranthene	24.07	252	228776	51.25	nq	97
89) Benzo(a)pyrene	24.90	252	225526	52.33	nq	96
90) Dibenzo(a,h)anthracene	28.86	278	204638	48.00	nq	97
91) Benzo(g,h,i)perylene	29.97	276	173498	42.13	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG021223.D

Acq: 2 Mar 2016 21:39

Instrument :

BNA_G

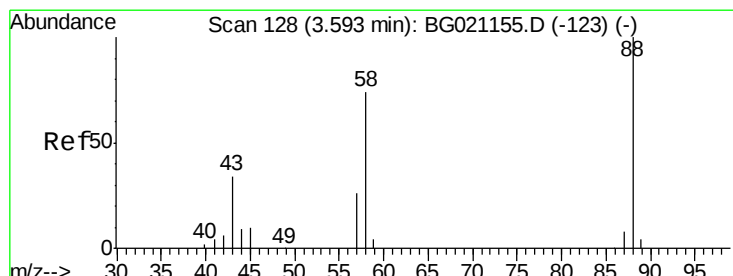
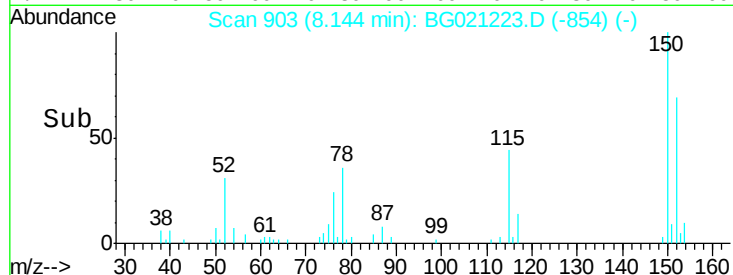
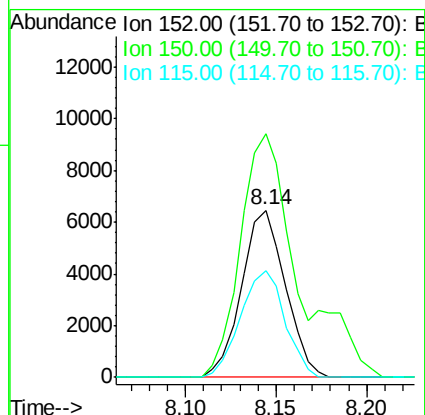
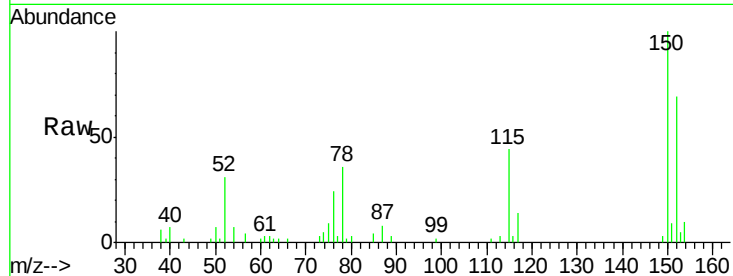
ClientSampleId :

EAST-1MSD

Tot Ion:	152	Resp:	10807
Ion Ratio	Lower	Upper	
152	100		
150	145.9	123.4	185.2
115	63.7	43.3	64.9

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#2

1,4-Dioxane

Concen: 32.02 ng

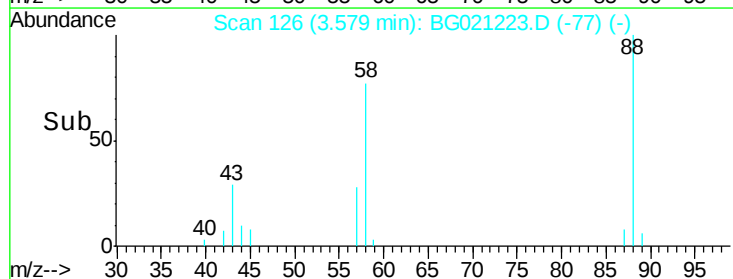
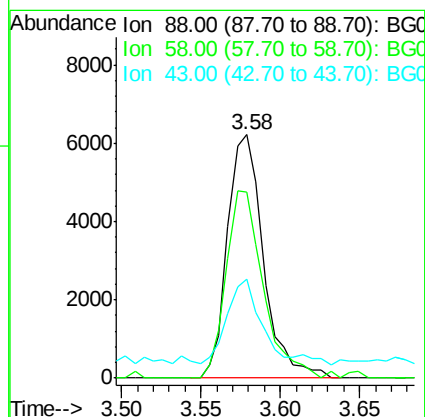
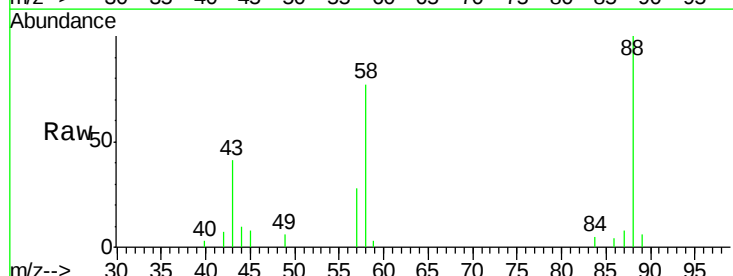
RT: 3.58 min Scan# 126

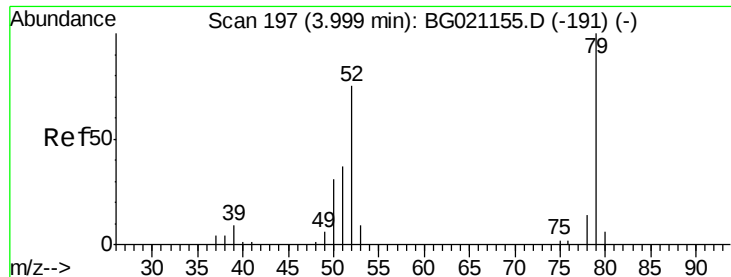
Delta R.T. -0.01 min

Lab File: BG021223.D

Acq: 2 Mar 2016 21:39

Tgt Ion:	88	Resp:	9777
Ion Ratio	Lower	Upper	
88	100		
58	79.7	55.9	83.9
43	32.3	22.5	33.7





#3

Pvridine

Concen: 34.46 ng

RT: 3.99 min Scan# 196

Delta R.T. -0.01 min

Lab File: BG021223.D

Acq: 2 Mar 2016 21:39

Instrument :

BNA_G

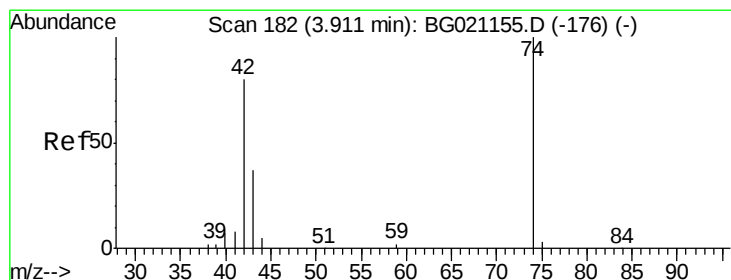
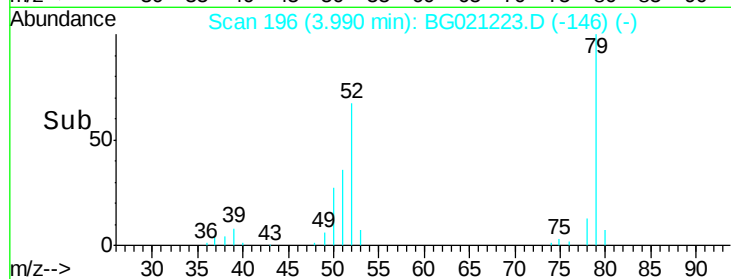
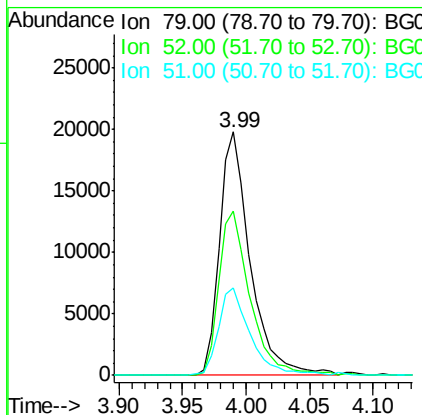
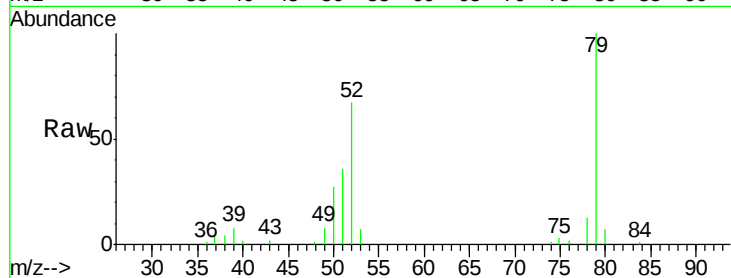
ClientSampleId :

EAST-1MSD

Tot Ion:	79	Resp:	33257
Ion	Ratio	Lower	Upper
79	100		
52	67.3	53.2	79.8
51	36.2	26.1	39.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.12 ng

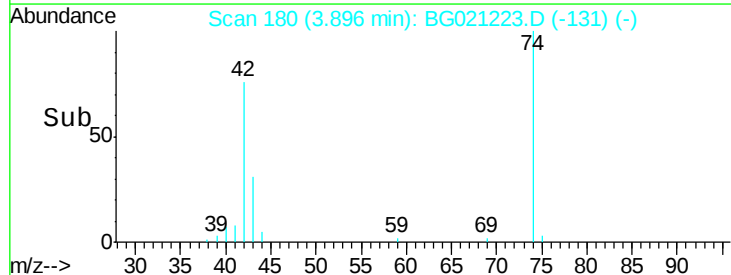
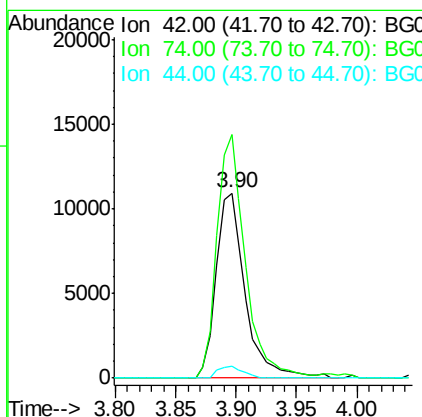
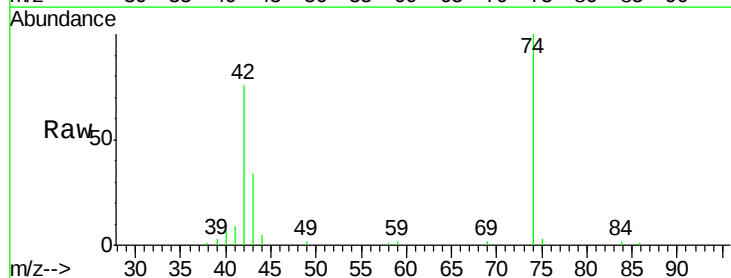
RT: 3.90 min Scan# 180

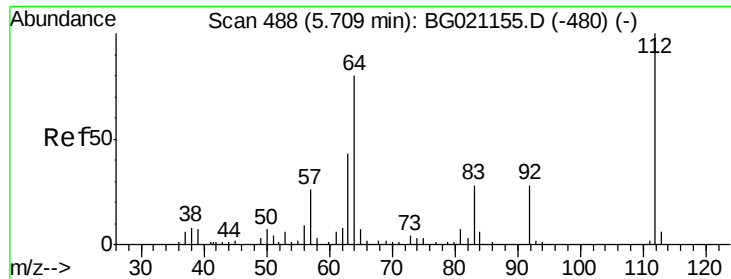
Delta R.T. -0.01 min

Lab File: BG021223.D

Acq: 2 Mar 2016 21:39

Tgt Ion:	42	Resp:	18045
Ion	Ratio	Lower	Upper
42	100		
74	131.8	102.3	153.5
44	6.3	4.8	7.2





#5

2-Fluorophenol

Concen: 162.48 ng

RT: 5.71 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG021223.D

Acq: 2 Mar 2016 21:39

Instrument :

BNA_G

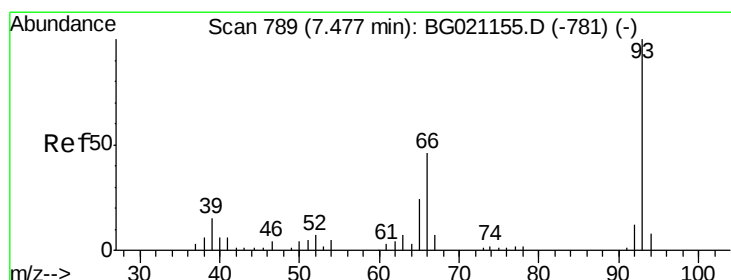
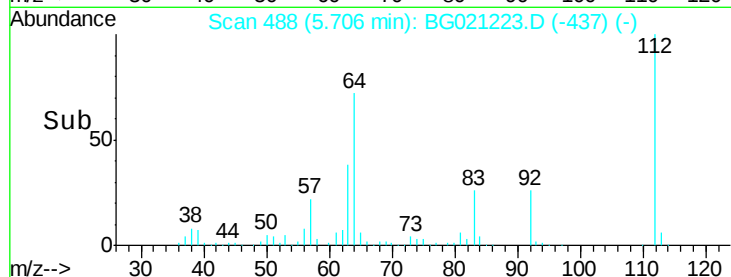
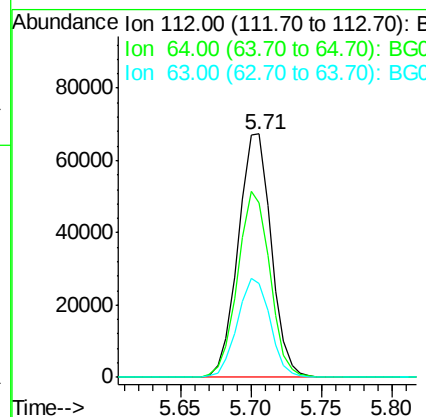
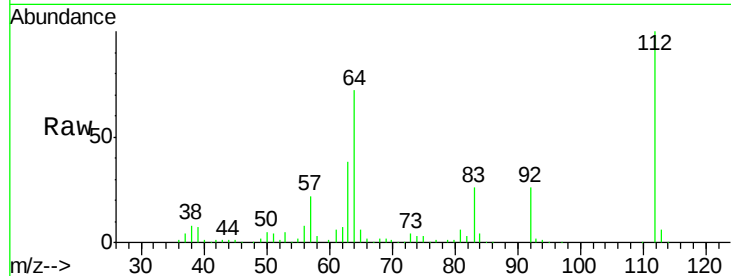
ClientSampleId :

EAST-1MSD

Tot Ion:	112	Resp:	110453
Ion Ratio	Lower	Upper	
112	100		
64	71.6	42.6	63.8#
63	38.5	21.7	32.5#

Manual Integrations
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#6

Aniline

Concen: 20.10 ng

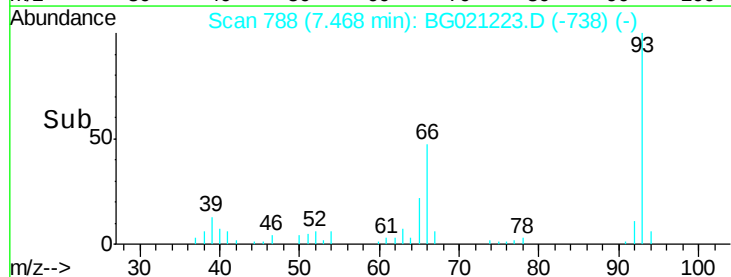
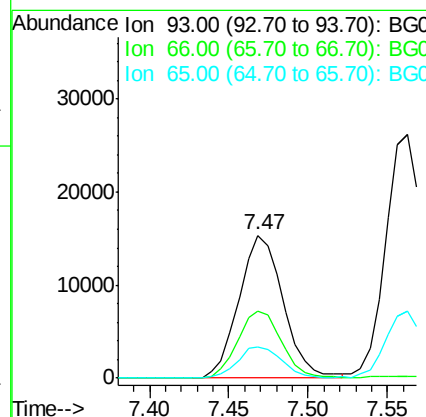
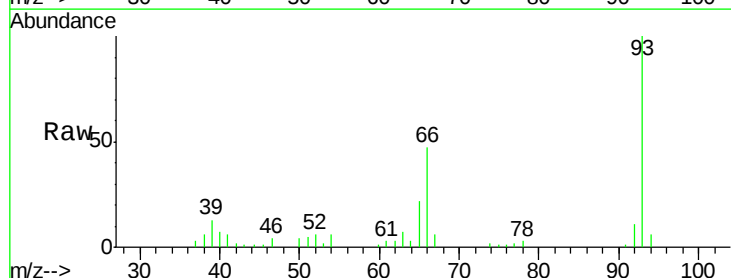
RT: 7.47 min Scan# 788

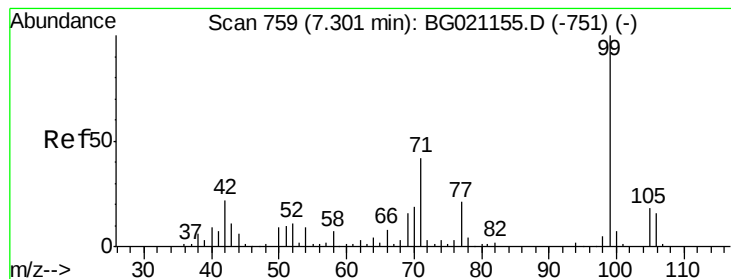
Delta R.T. -0.01 min

Lab File: BG021223.D

Acq: 2 Mar 2016 21:39

Tgt Ion:	93	Resp:	29791
Ion Ratio	Lower	Upper	
93	100		
66	46.7	30.1	45.1#
65	22.1	16.6	24.8





#7

Phenol-d6

Concen: 159.77 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG021223.D

Acq: 2 Mar 2016 21:39

Instrument :

BNA_G

ClientSampleId :

EAST-1MSD

Tot Ion: 99 Resp: 178587

Ion Ratio Lower Upper

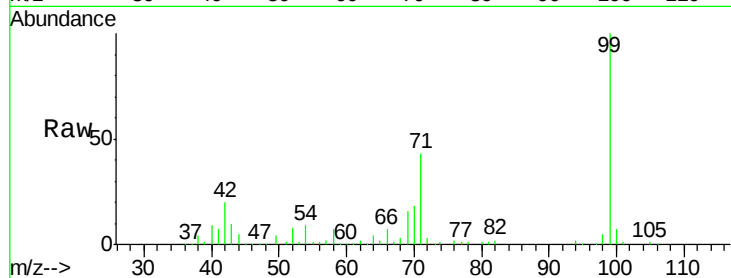
99 100

42 20.2 13.2 19.8#

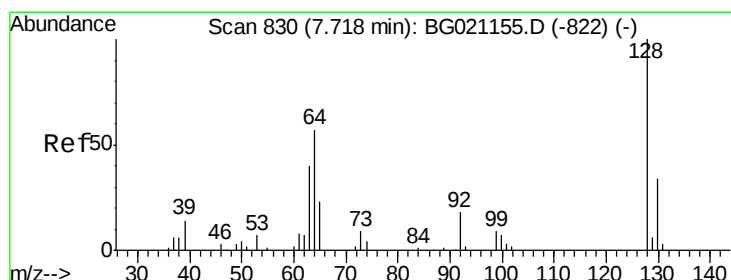
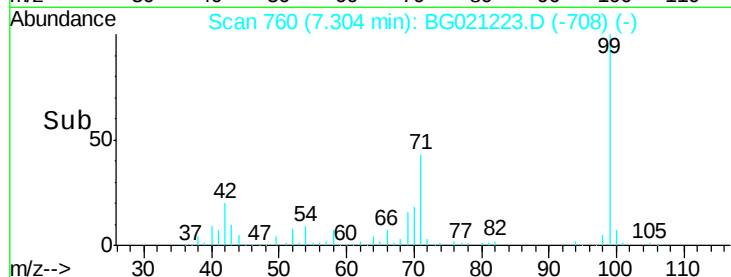
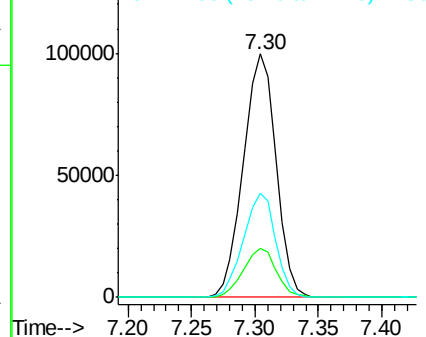
71 42.6 25.2 37.8#

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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: 54.22 ng

RT: 7.71 min Scan# 829

Delta R.T. -0.01 min

Lab File: BG021223.D

Acq: 2 Mar 2016 21:39

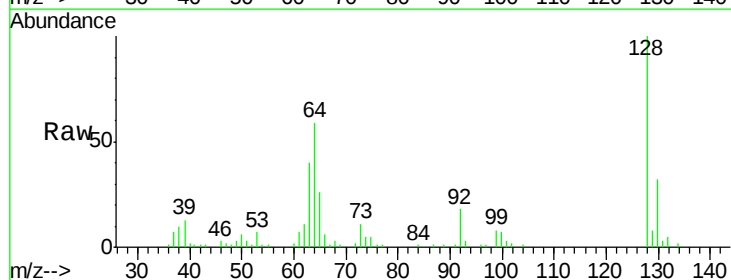
Tgt Ion:128 Resp: 45182

Ion Ratio Lower Upper

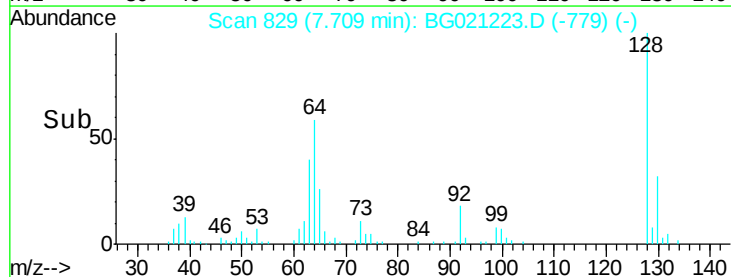
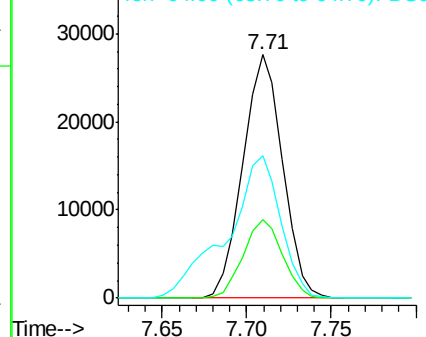
128 100

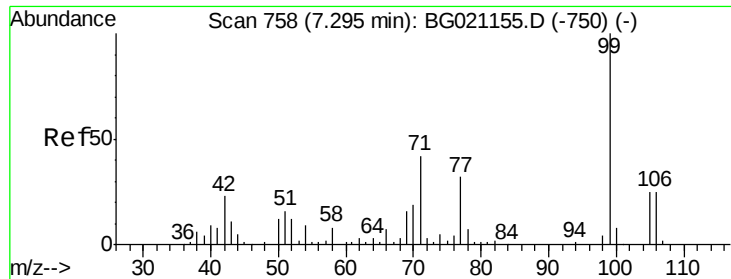
130 32.2 11.9 51.9

64 58.7 25.8 65.8



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





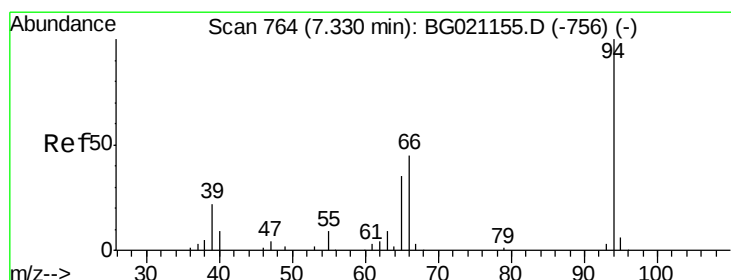
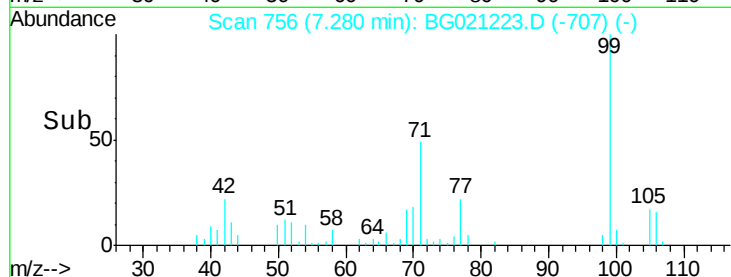
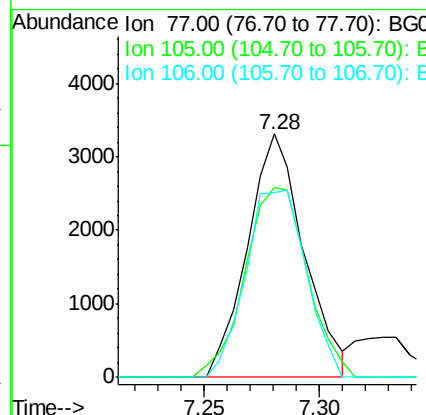
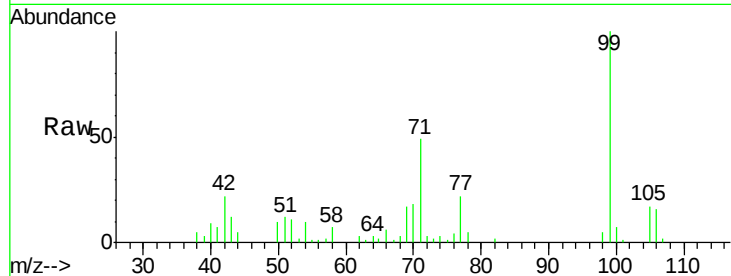
#9
Benzaldehyde
Concen: 8.07 ng
RT: 7.28 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

Tot Ion: 77 Resp: 5633
Ion Ratio Lower Upper
77 100
105 78.2 77.4 117.4
106 75.7 72.8 112.8

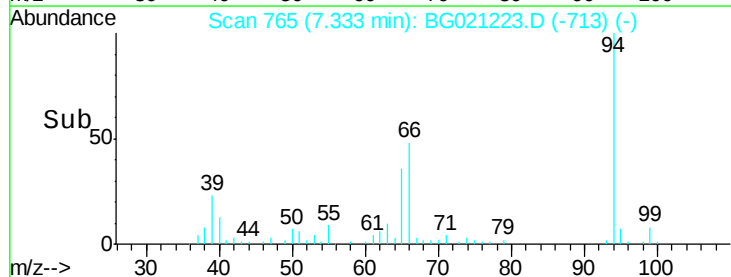
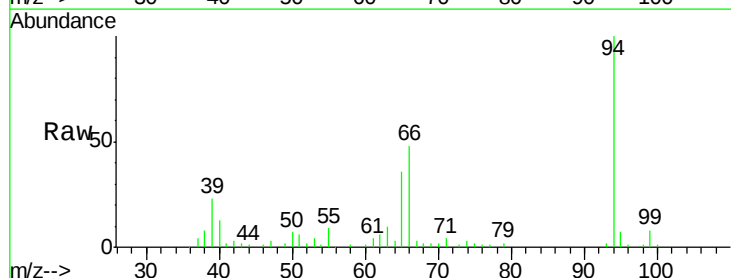
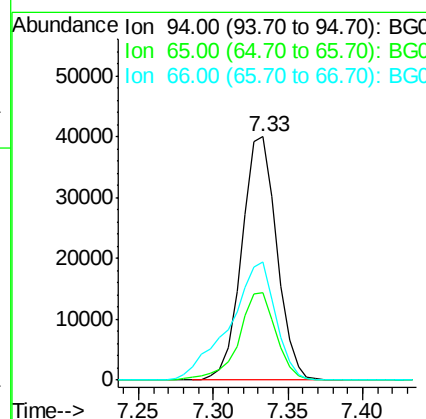
Manual Integrations
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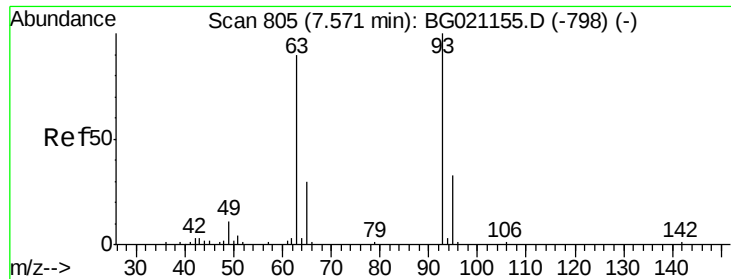
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#10
Phenol
Concen: 54.50 ng
RT: 7.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion: 94 Resp: 64939
Ion Ratio Lower Upper
94 100
65 35.8 7.2 47.2
66 48.5 15.4 55.4





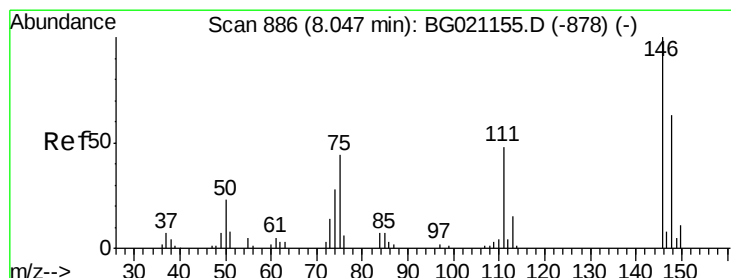
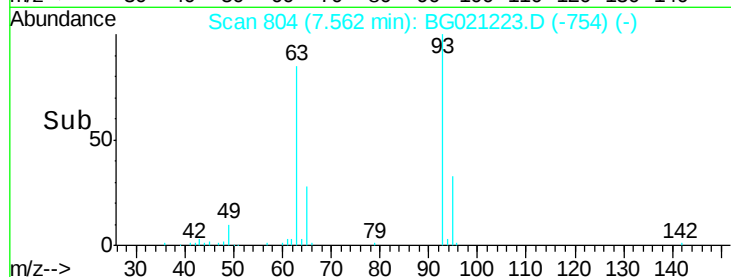
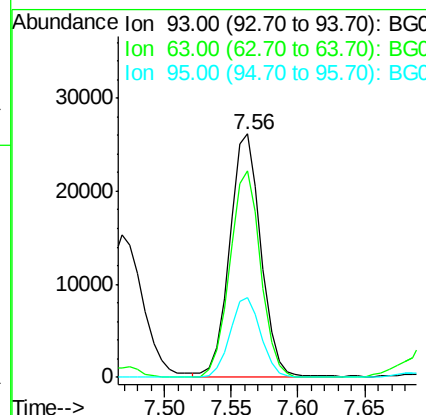
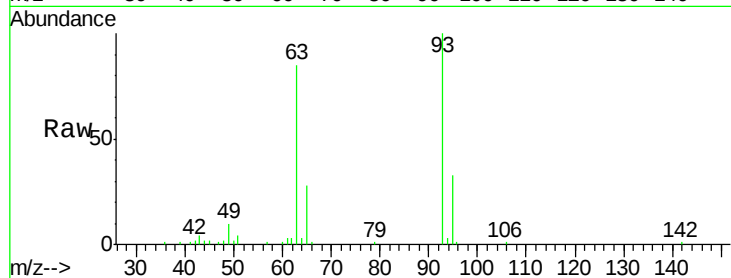
#11
bis(2-Chloroethyl)ether
Concen: 46.95 ng
RT: 7.56 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.8	60.5	100.5
95	32.7	14.6	54.6

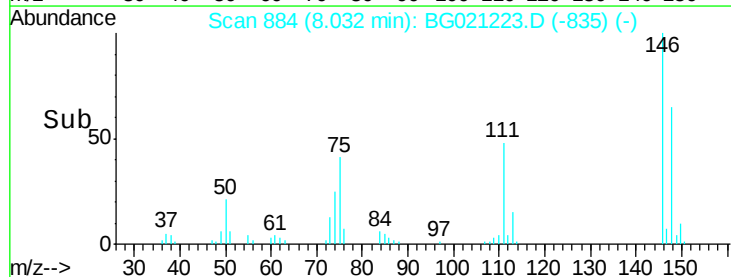
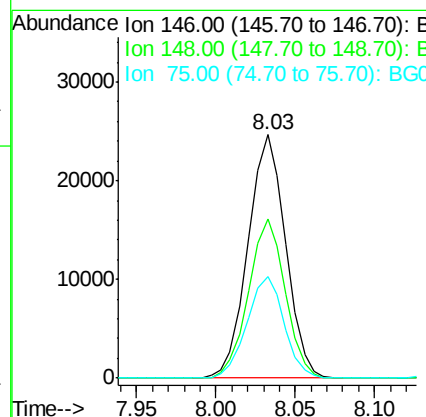
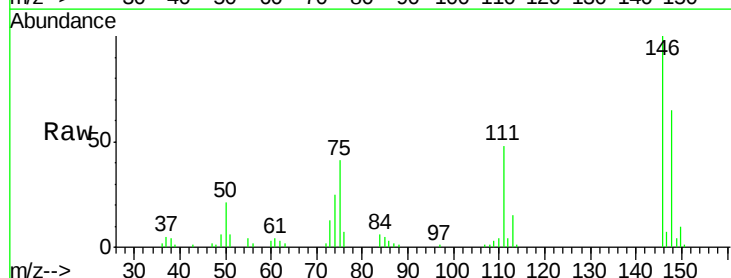
Manual Integrations
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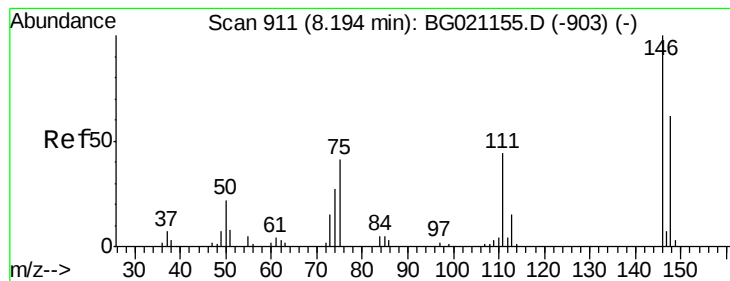
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#12
1,3-Dichlorobenzene
Concen: 47.50 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.6	78.8
75	41.5	24.0	36.0





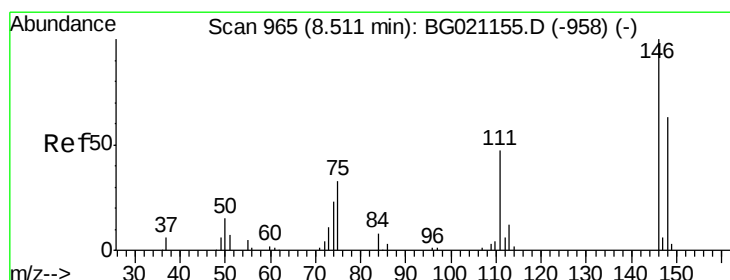
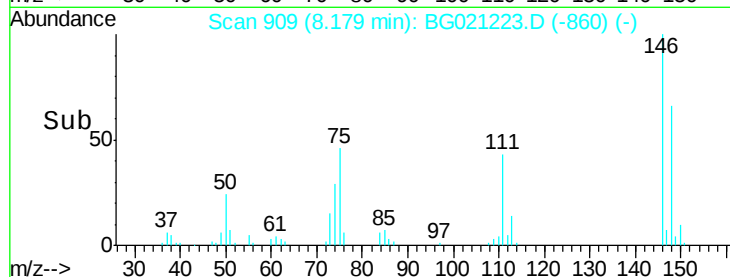
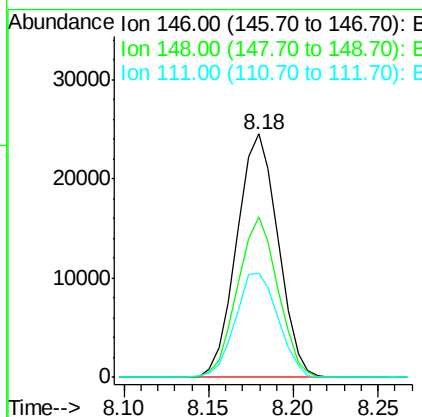
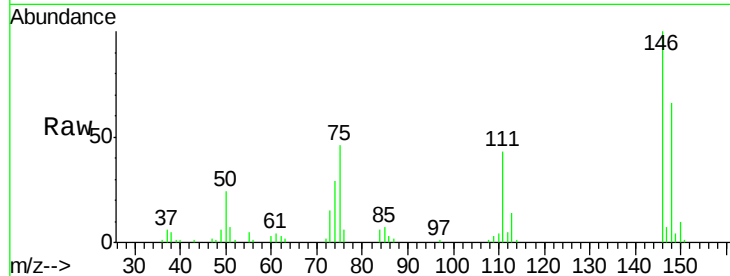
#13
 1,4-Dichlorobenzene
 Concen: 47.34 ng
 RT: 8.18 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BG021223.D
 Acq: 2 Mar 2016 21:39

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.2	75.4
111	42.8	31.9	47.9

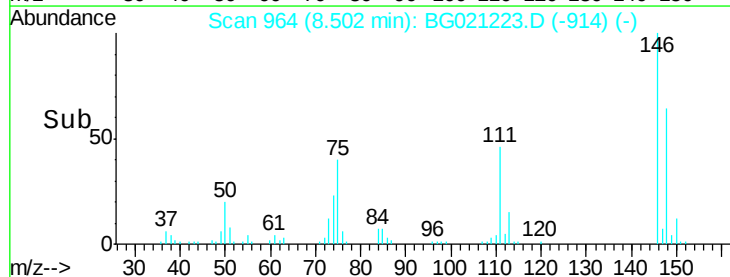
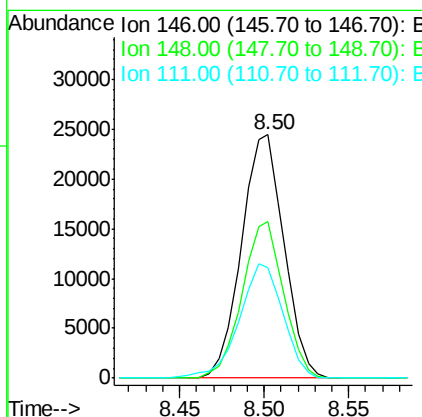
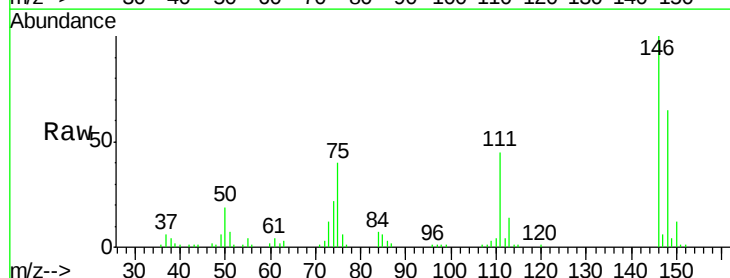
Manual Integrations
 APPROVED

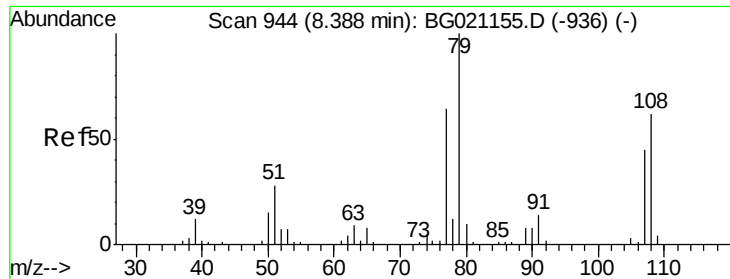
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#14
 1,2-Dichlorobenzene
 Concen: 50.74 ng
 RT: 8.50 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BG021223.D
 Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.5	75.7
111	45.4	35.4	53.2





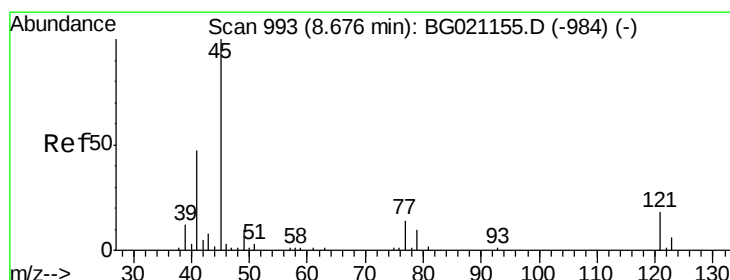
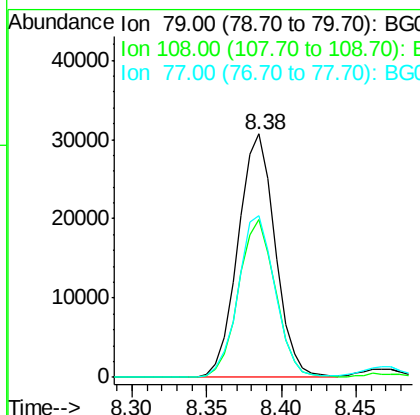
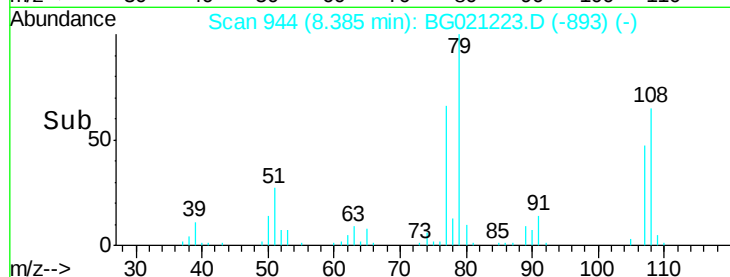
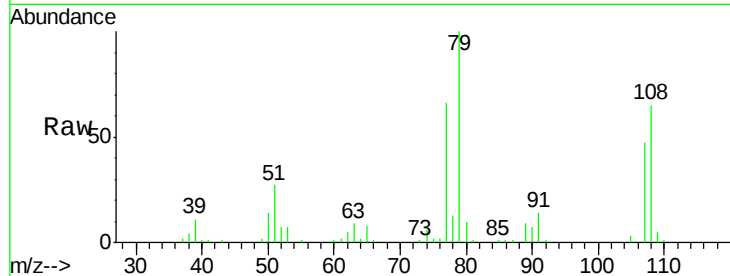
#15
Benzyl Alcohol
Concen: 52.00 ng
RT: 8.38 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	64.8	65.1	97.7#
77	66.4	53.8	80.8

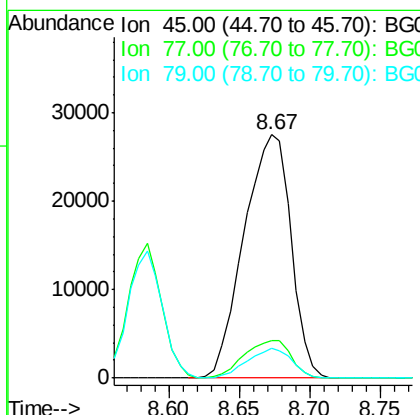
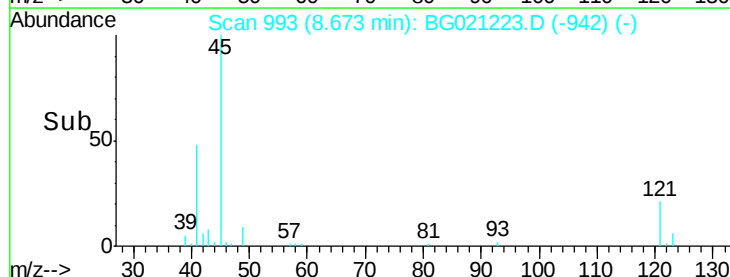
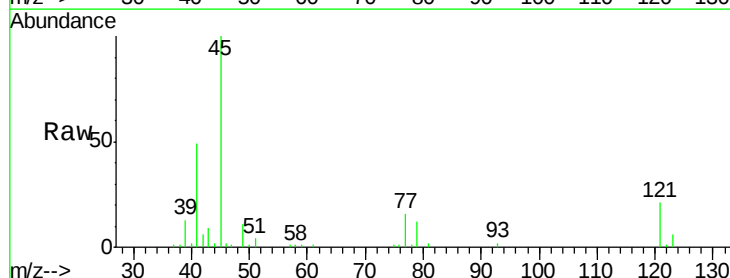
Manual Integrations
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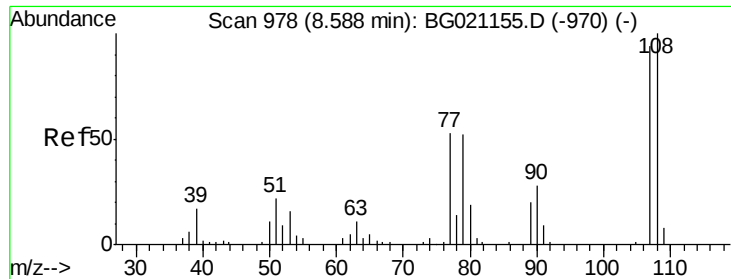
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.37 ng
RT: 8.67 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	33.3
79	12.3	0.0	29.6





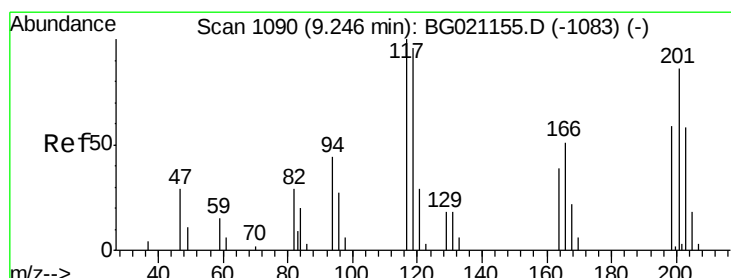
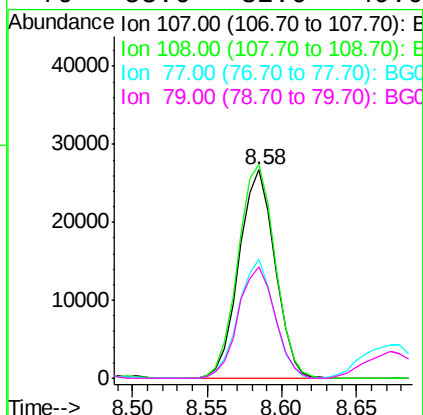
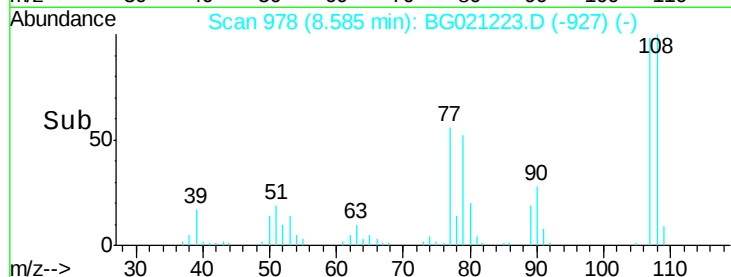
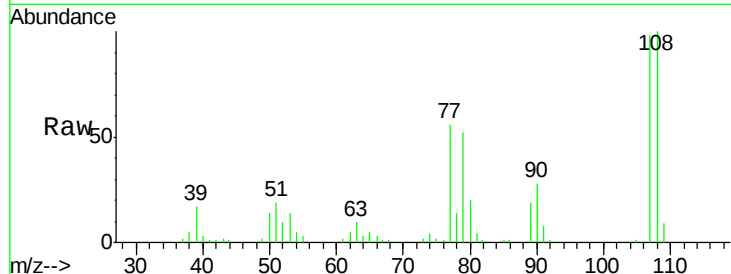
#17
2-Methylphenol
Concen: 54.38 ng
RT: 8.58 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

Tot Ion:	107	Resp:	44834
Ion Ratio	Lower	Upper	
107	100		
108	102.4	88.8	133.2
77	57.0	38.0	57.0
79	53.6	32.6	49.0

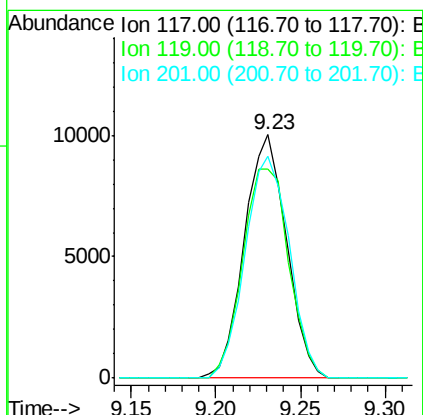
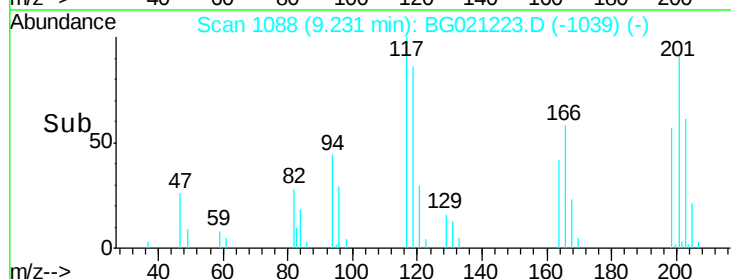
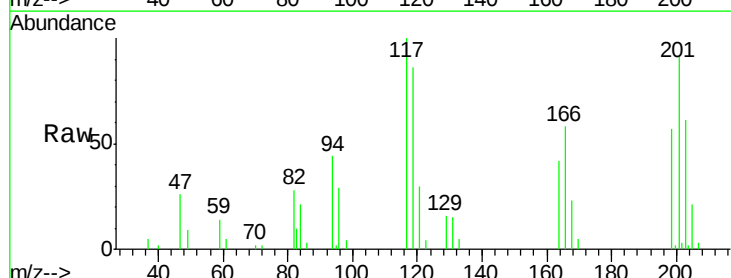
Manual Integrations
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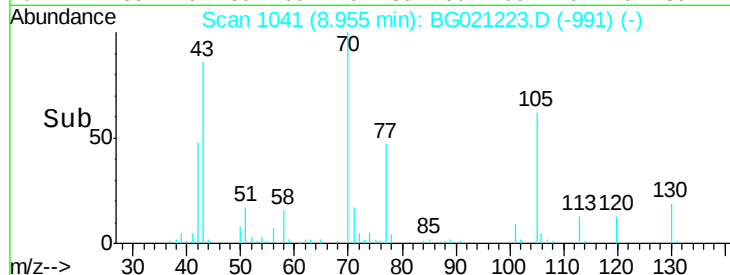
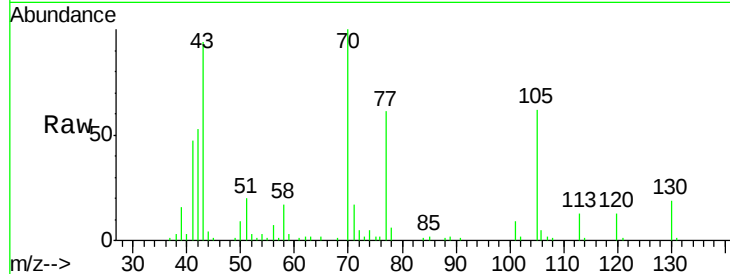
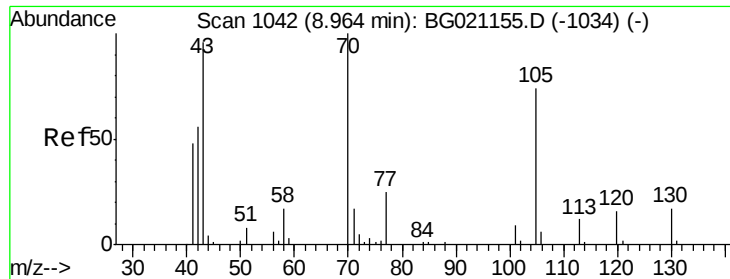
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#18
Hexachloroethane
Concen: 46.99 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion:	117	Resp:	17312
Ion Ratio	Lower	Upper	
117	100		
119	85.9	74.5	111.7
201	94.1	68.2	102.4





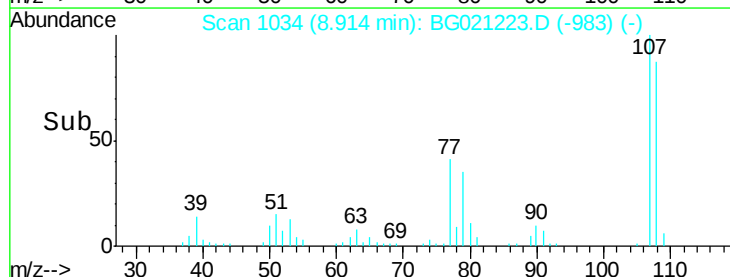
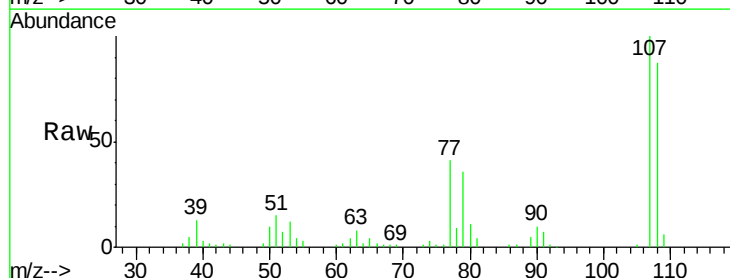
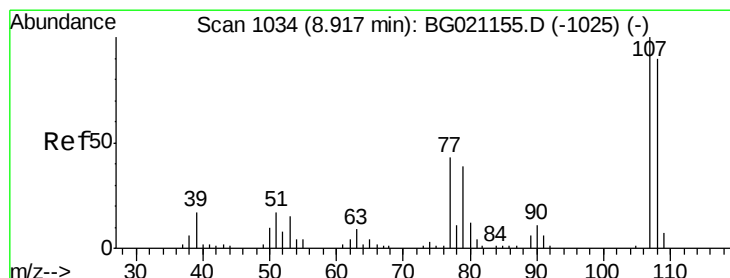
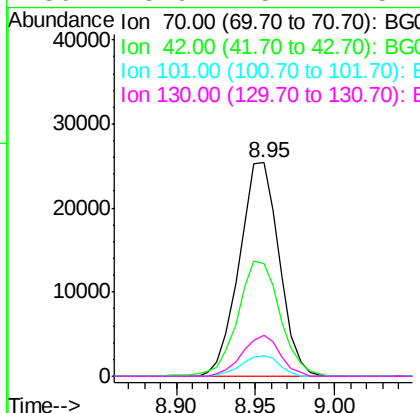
#19
n-Nitroso-di-n-propylamine
Concen: 42.97 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.0	48.8	73.2
101	9.4	8.5	12.7
130	18.9	15.4	23.2

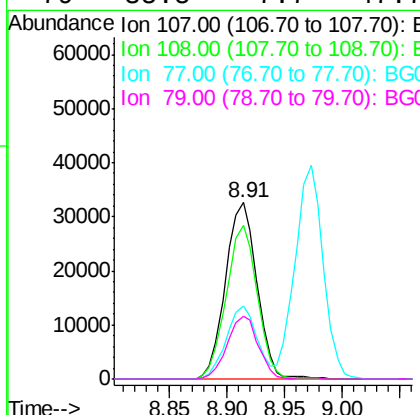
Manual Integrations
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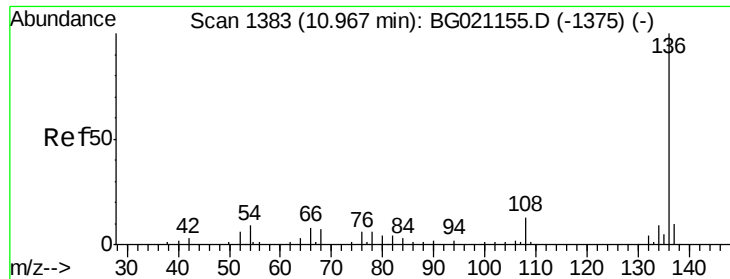
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3/3/2016 8:23:25 AM



#20
3+4-Methylphenols
Concen: 52.89 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	67.6	107.6
77	41.1	14.4	54.4
79	35.5	7.7	47.7





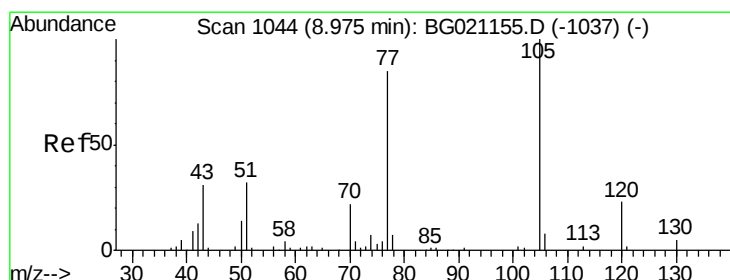
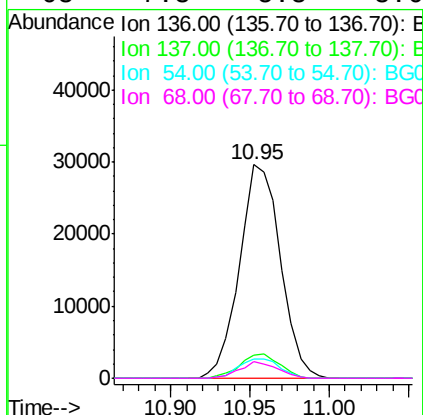
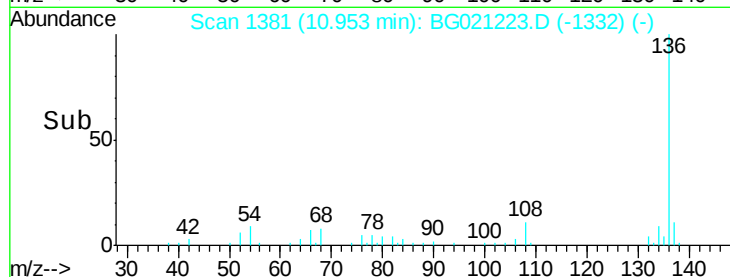
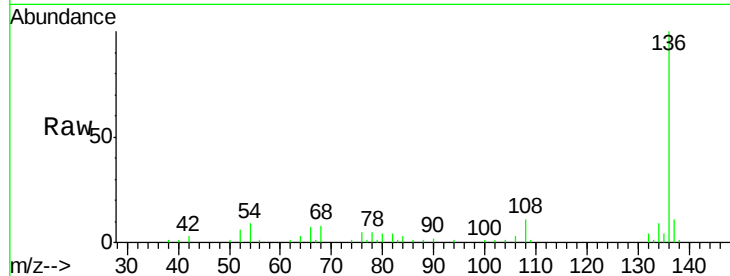
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.1	6.9	10.3
68	7.8	5.8	8.6

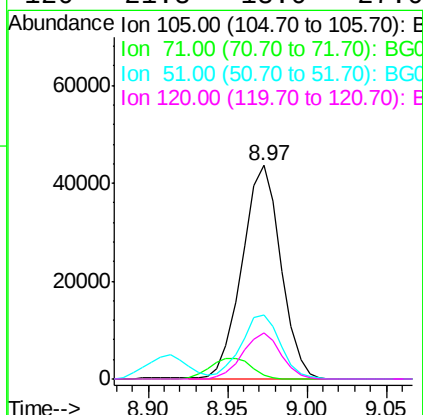
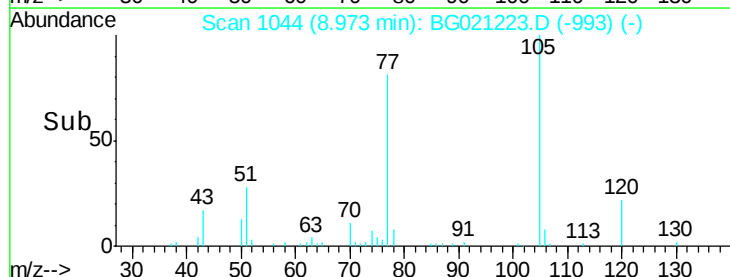
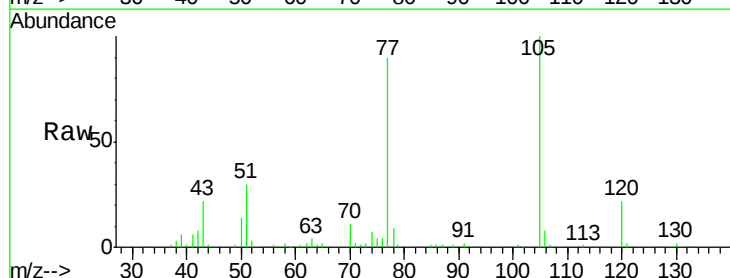
Manual Integrations
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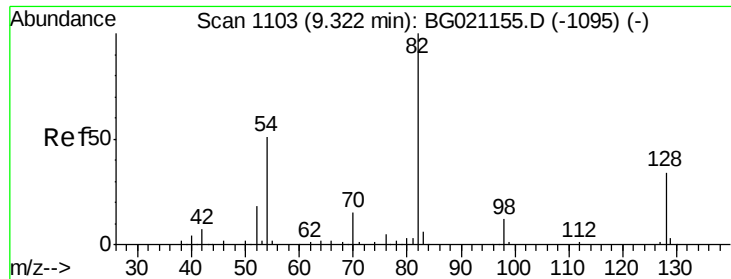
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#22
Acetophenone
Concen: 46.77 ng
RT: 8.97 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.7	0.0	0.0#
51	30.0	21.4	32.2
120	21.8	18.0	27.0





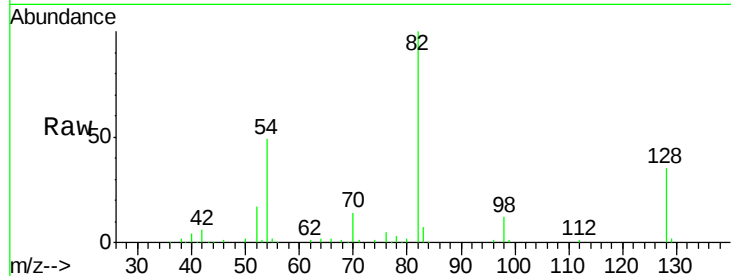
#23
Nitrobenzene-d5
Concen: 101.68 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

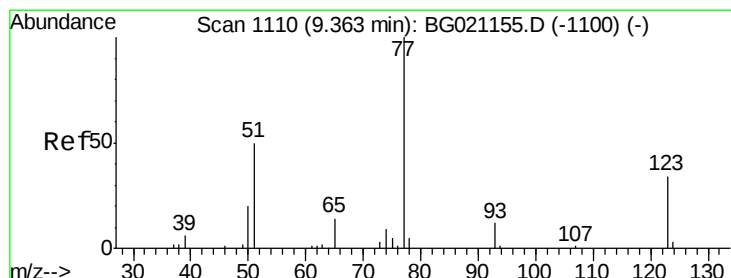
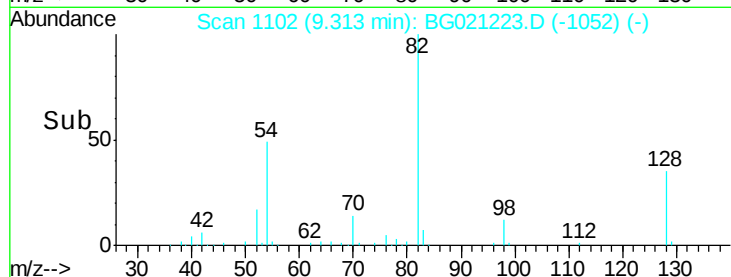
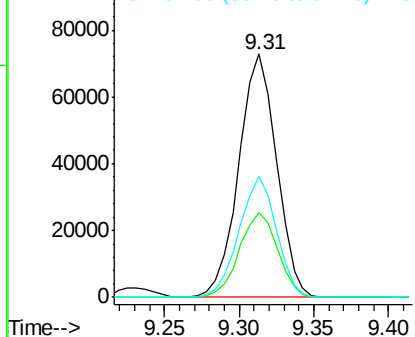
Tot Ion	Ratio	Resp	Lower	Upper
82	100	127961		
128	34.8	36.3	54.5#	
54	49.3	37.6	56.4	

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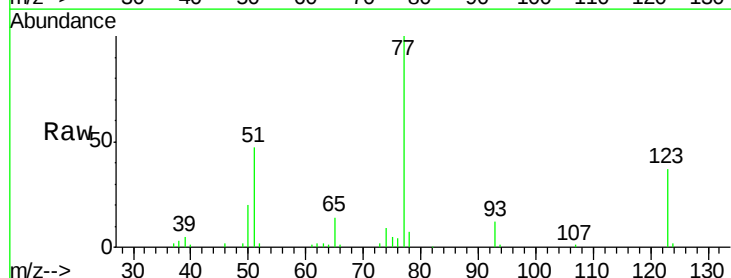


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

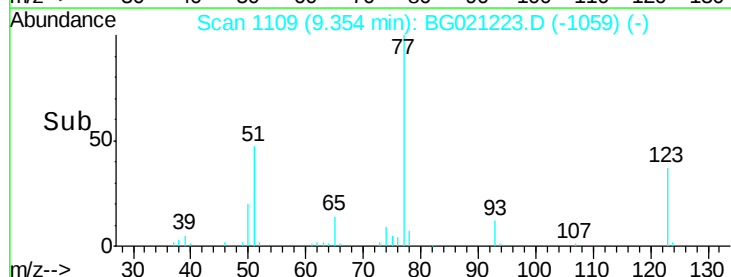
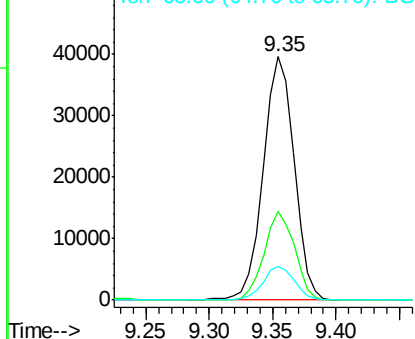


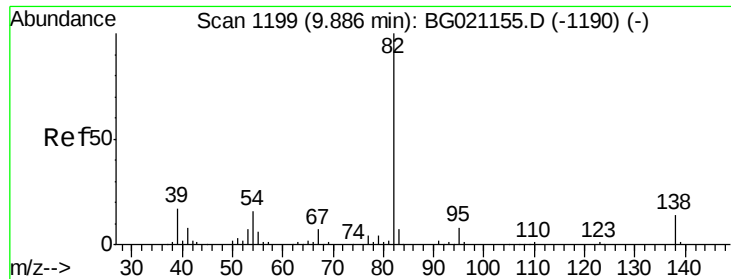
#24
Nitrobenzene
Concen: 49.02 ng
RT: 9.35 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	67336		
123	36.5	35.8	53.6	
65	13.8	10.6	16.0	



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





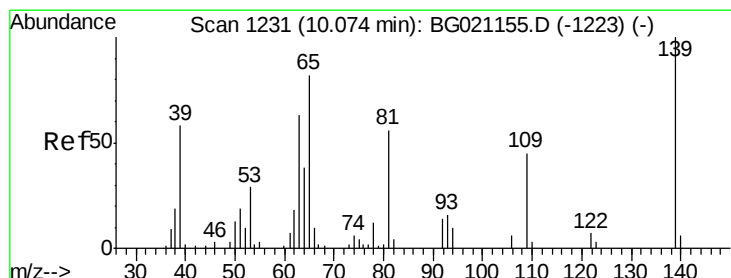
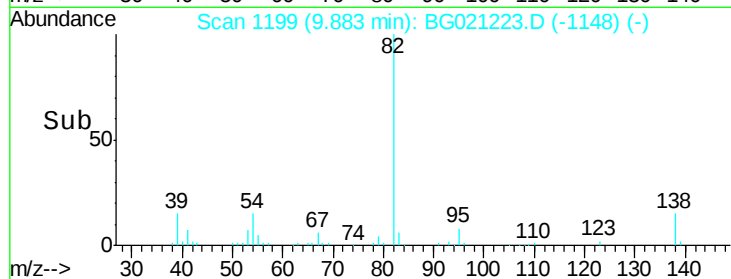
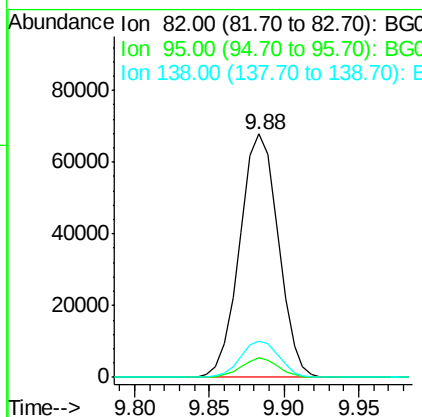
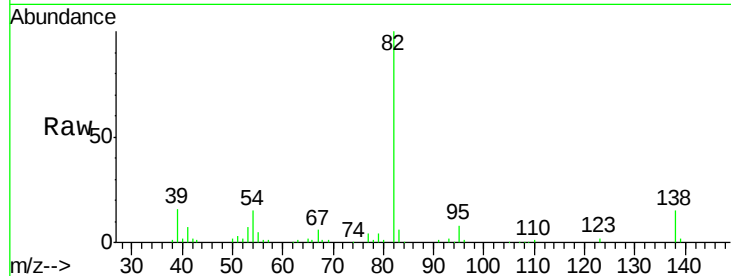
#25
Isophorone
Concen: 44.55 ng
RT: 9.88 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

Tot Ion	82	Resp	121502
Ion Ratio	Lower	Upper	
82	100		
95	8.1	5.4	8.0#
138	14.8	13.4	20.0

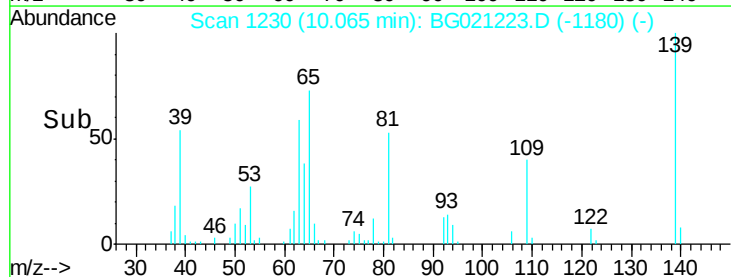
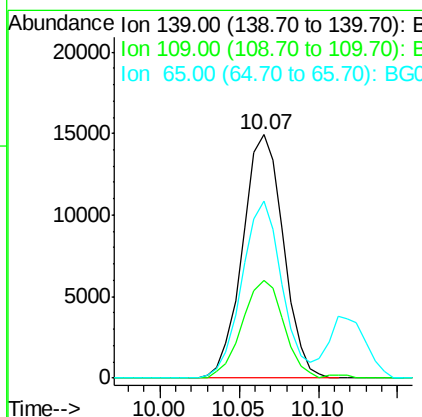
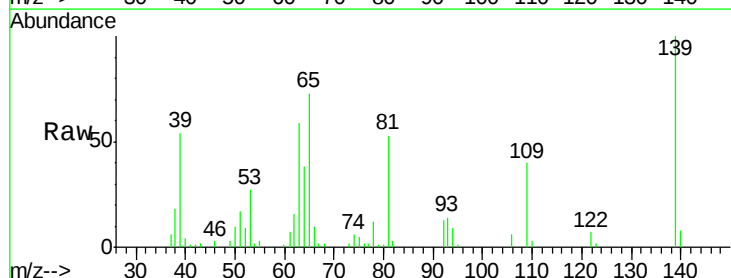
Manual Integrations
APPROVED

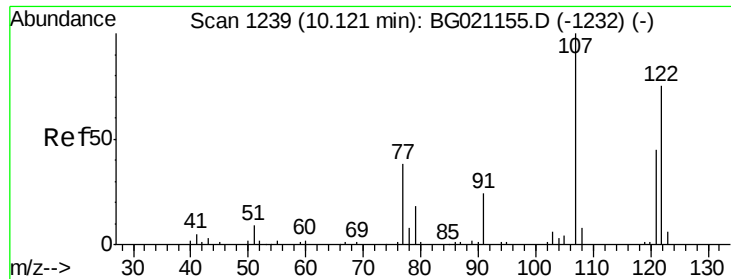
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#26
2-Nitrophenol
Concen: 53.35 ng
RT: 10.07 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion	139	Resp	26691
Ion Ratio	Lower	Upper	
139	100		
109	40.0	21.4	32.0#
65	72.6	37.8	56.8#





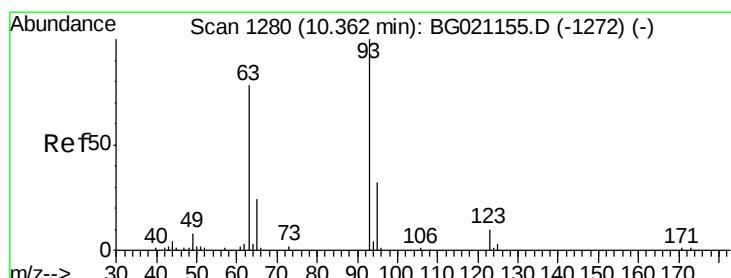
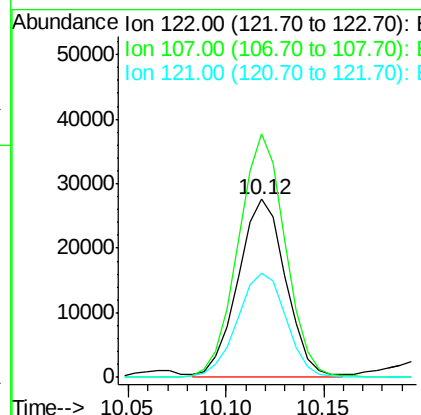
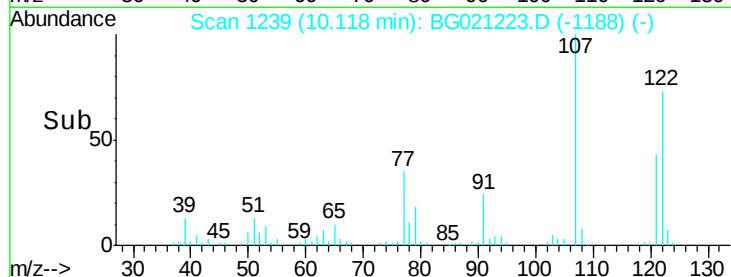
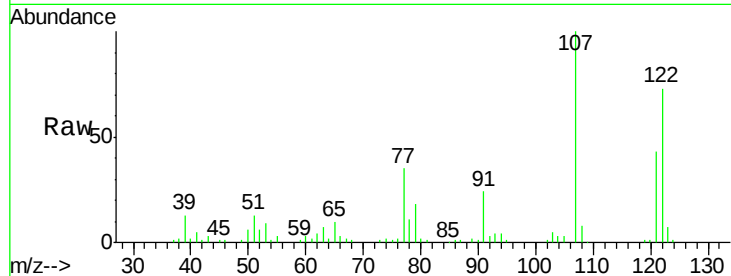
#27
 2,4-Dimethylphenol
 Concen: 52.06 ng
 RT: 10.12 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BG021223.D
 Acq: 2 Mar 2016 21:39

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.7	94.1	141.1
121	58.6	45.9	68.9

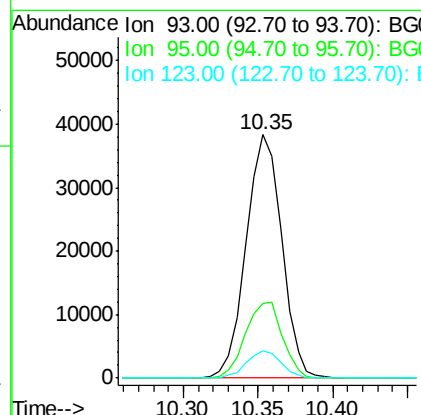
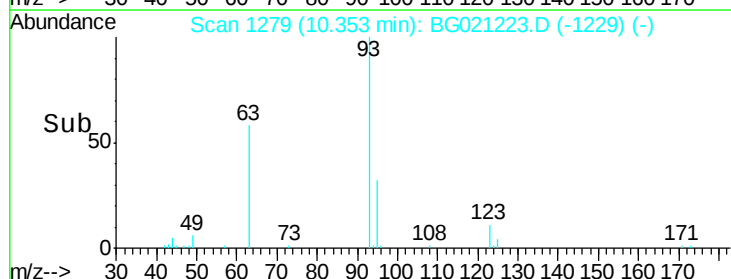
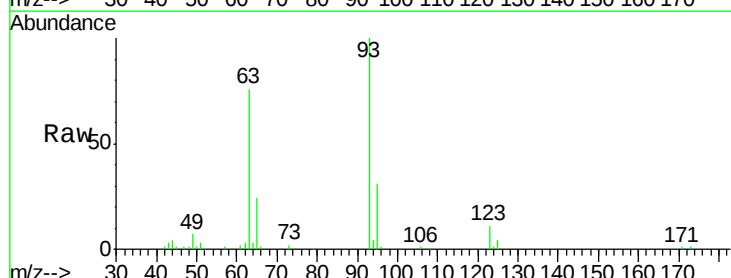
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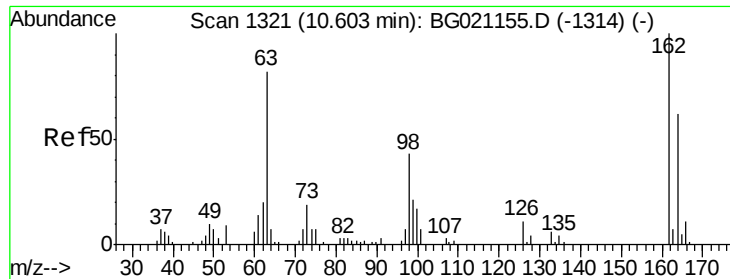
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#28
 bis(2-Chloroethoxy)methane
 Concen: 49.85 ng
 RT: 10.35 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BG021223.D
 Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.9	24.2	36.2
123	11.4	9.0	13.6





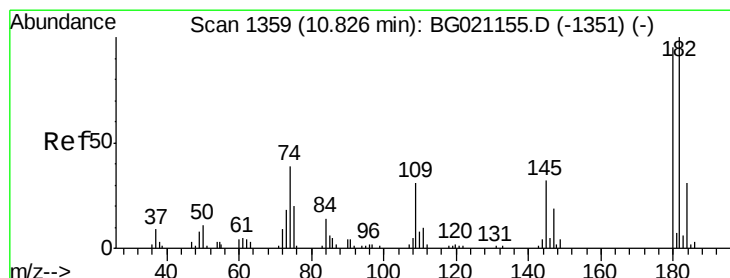
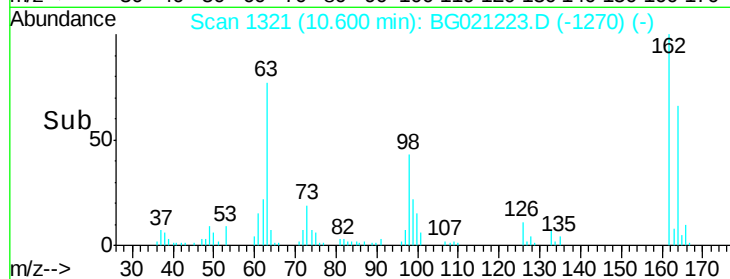
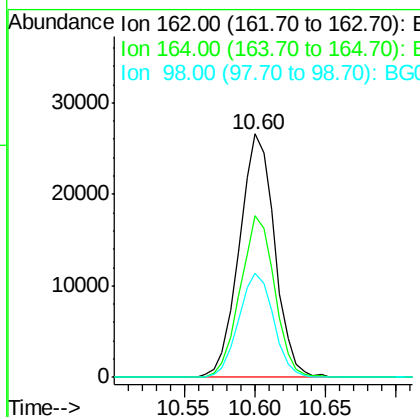
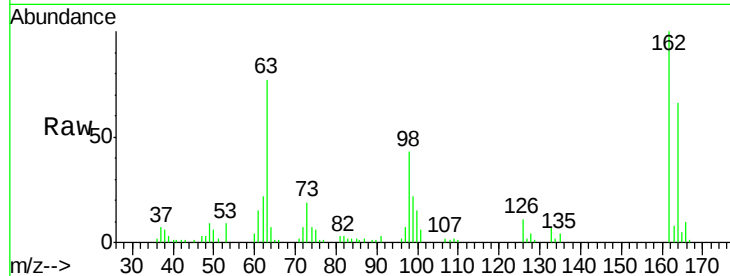
#29
2,4-Dichlorophenol
Concen: 57.61 ng
RT: 10.60 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	46581		
164	66.3	43.7	83.7	
98	42.9	18.3	58.3	

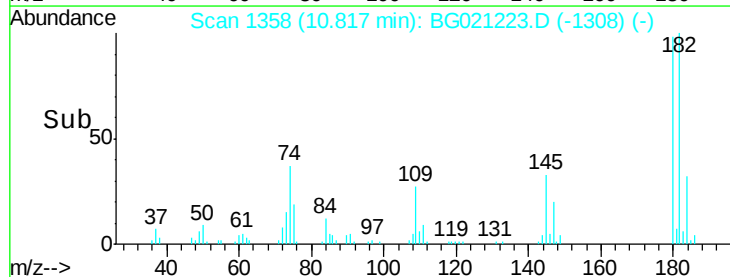
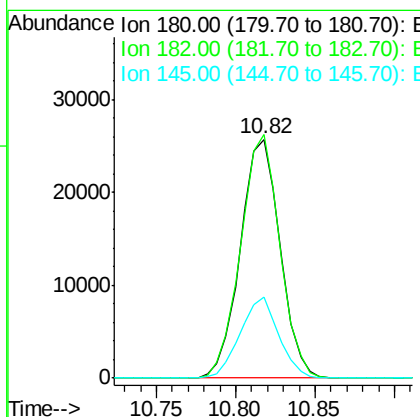
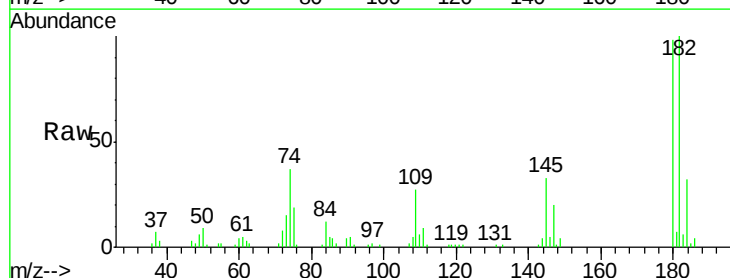
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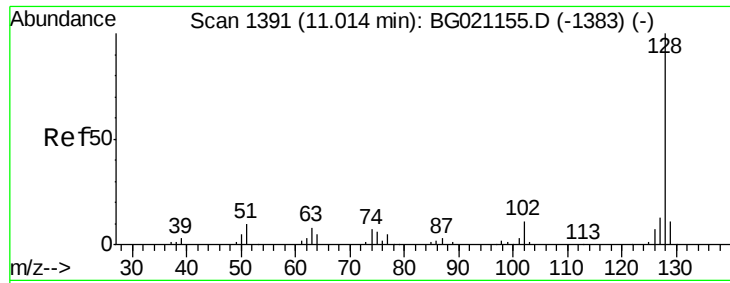
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#30
1,2,4-Trichlorobenzene
Concen: 54.91 ng
RT: 10.82 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	44783		
182	101.9	77.4	116.0	
145	33.8	25.7	38.5	





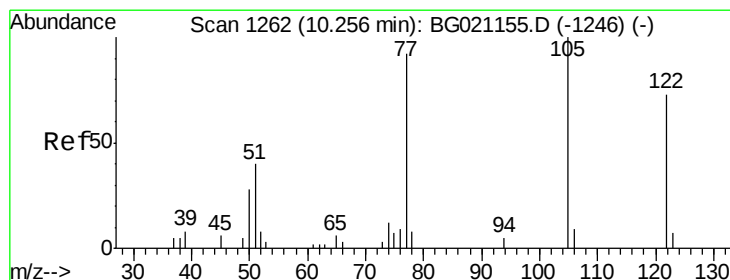
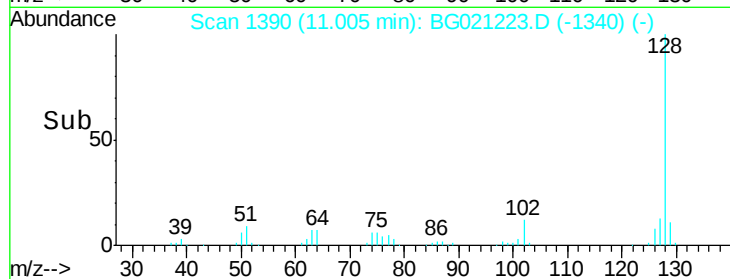
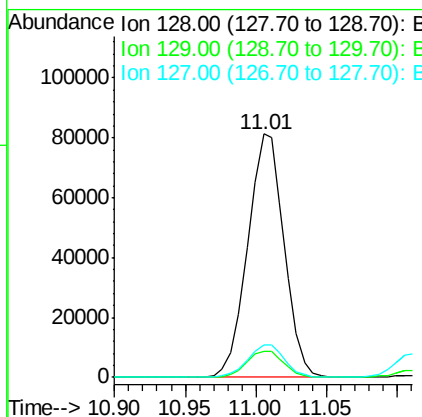
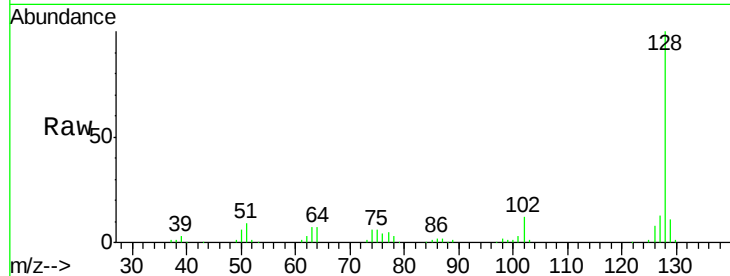
#31
Naphthalene
Concen: 52.68 ng
RT: 11.01 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampled :
EAST-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	146256		
129	10.8		9.4	14.2
127	13.4		10.8	16.2

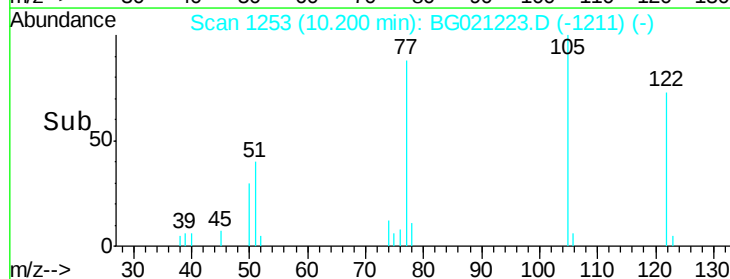
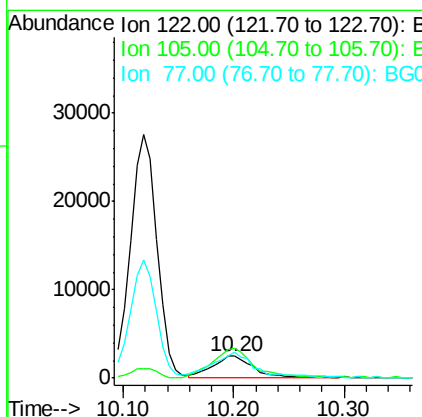
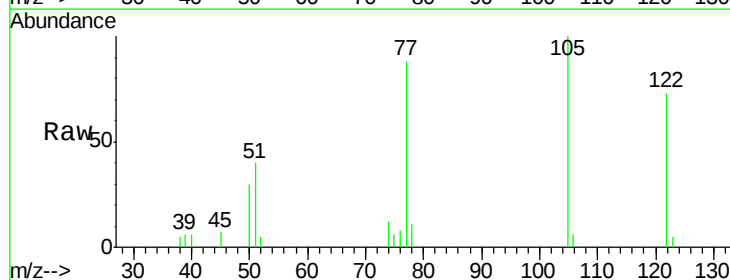
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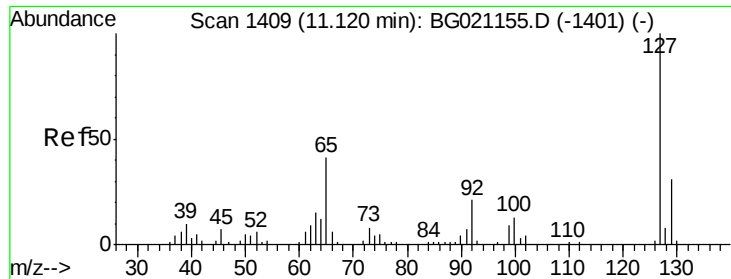
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#32
Benzoic acid
Concen: 13.41 ng
RT: 10.20 min Scan# 1253
Delta R.T. -0.06 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	6676		
105	136.1		98.7	138.7
77	120.2		84.5	124.5





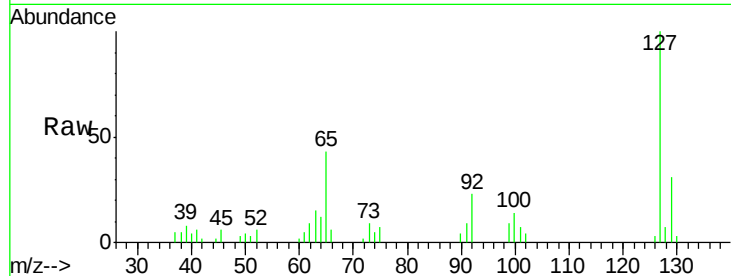
#33
4-Chloroaniline
Concen: 12.17 ng
RT: 11.11 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

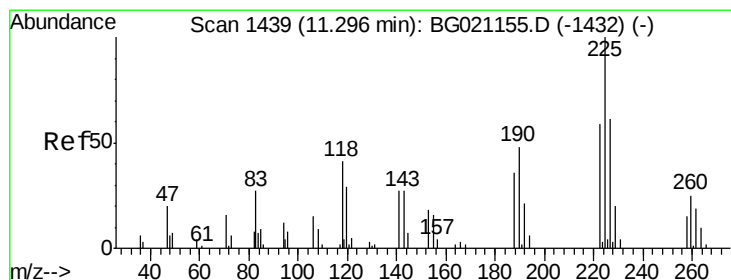
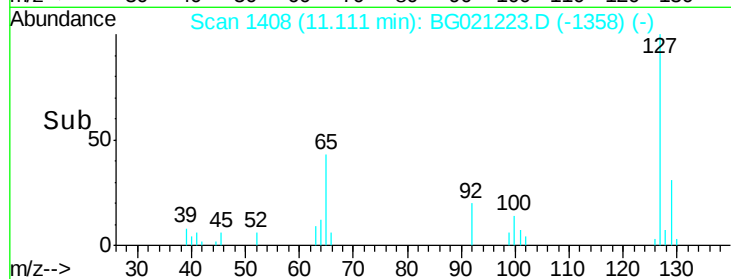
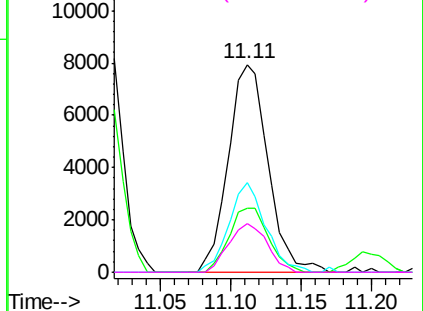
Tot Ion:	127	Resp:	15583
Ion Ratio	Lower	Upper	
127	100		
129	30.8	26.2	39.2
65	43.0	22.9	34.3
92	23.5	15.0	22.6

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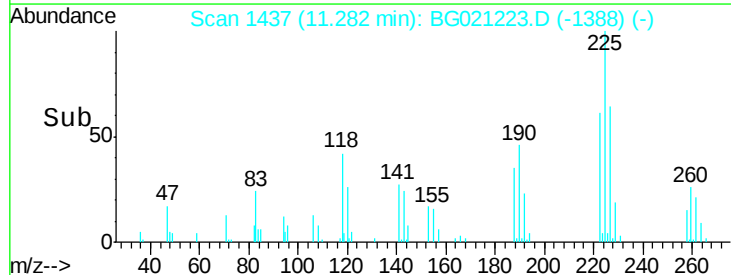
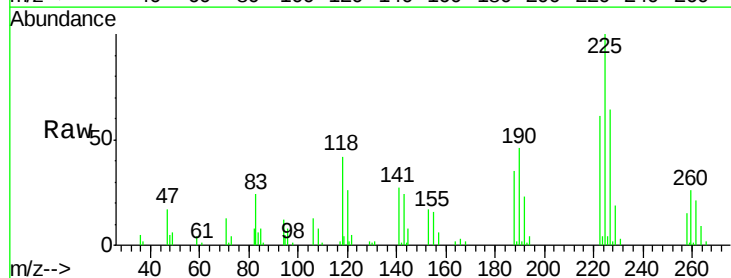
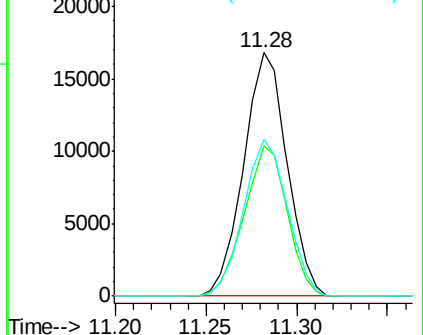
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

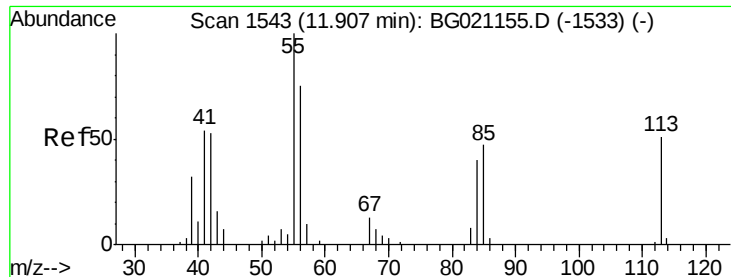


#34
Hexachlorobutadiene
Concen: 56.34 ng
RT: 11.28 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion:	225	Resp:	27971
Ion Ratio	Lower	Upper	
225	100		
223	59.1	54.6	82.0
227	63.9	54.6	81.8

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





#35

Caprolactam

Concen: 44.97 ng/mL

RT: 11.92 min Scan# 1546

Delta R.T. 0.01 min

Lab File: BG021223.D

Acq: 2 Mar 2016 21:39

Instrument :

BNA_G

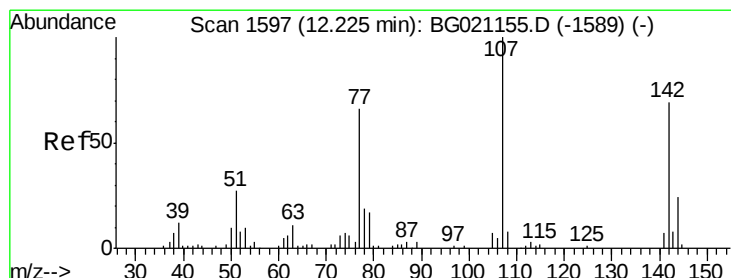
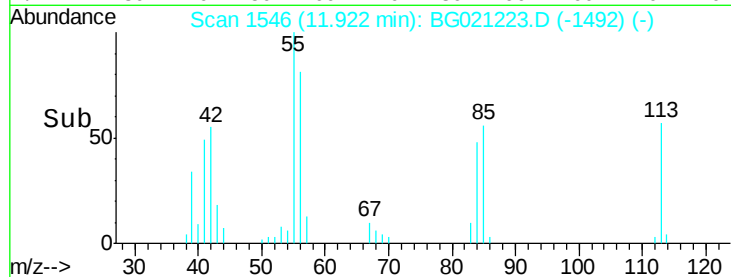
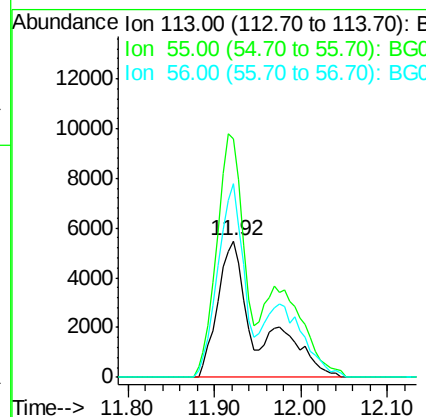
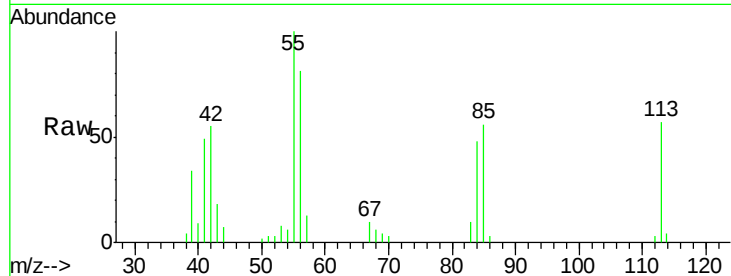
ClientSampleId :

EAST-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	174.4	155.2	195.2		
56	141.9	94.0	134.0		

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#36

4-Chloro-3-methylphenol

Concen: 49.48 ng/mL

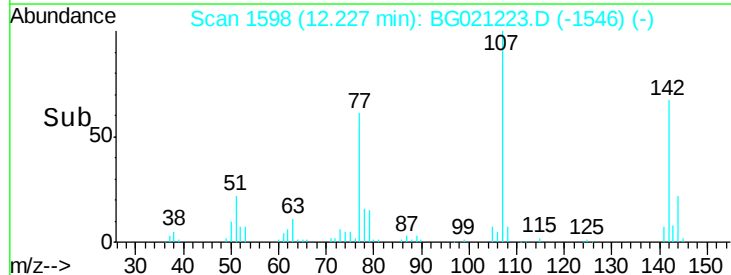
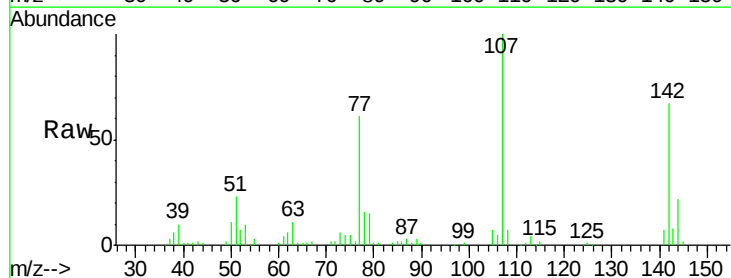
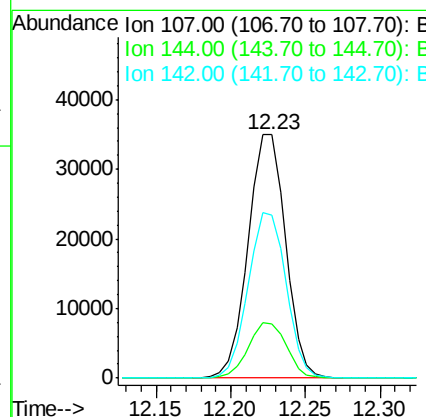
RT: 12.23 min Scan# 1598

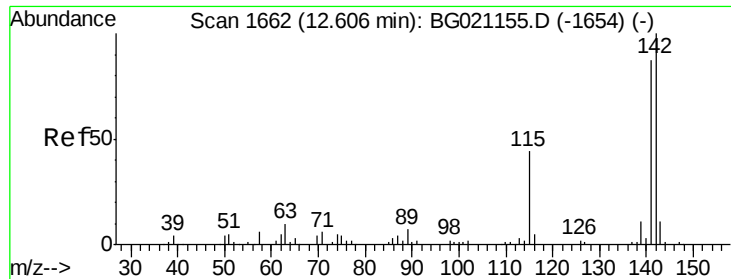
Delta R.T. 0.00 min

Lab File: BG021223.D

Acq: 2 Mar 2016 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	22.3	21.8	32.8		
142	66.9	65.6	98.4		





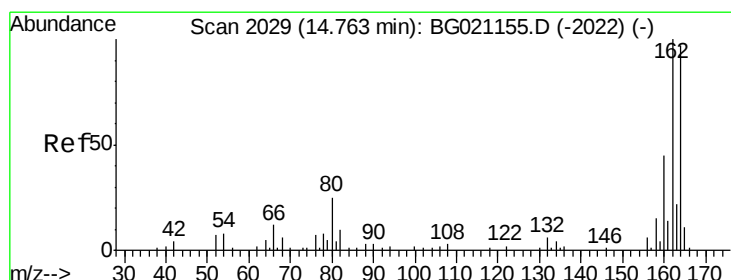
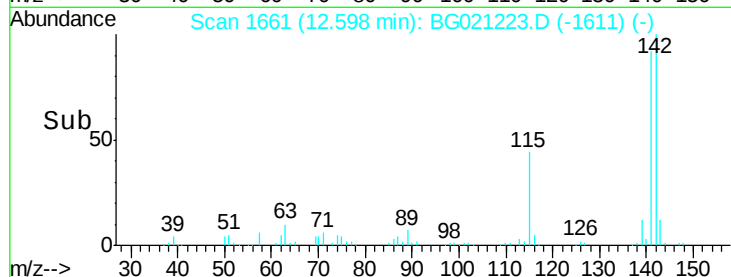
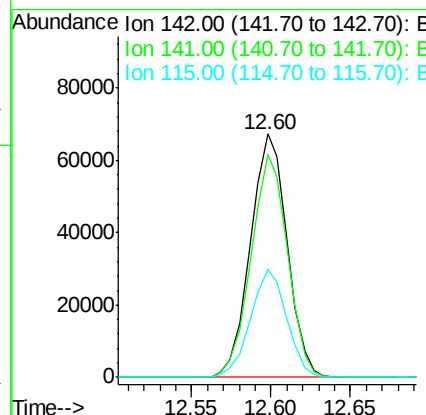
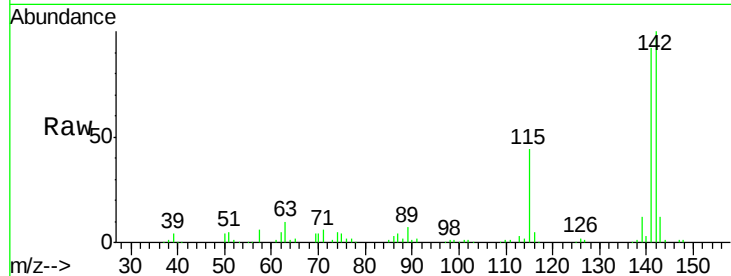
#37
2-Methylnaphthalene
Concen: 54.65 ng
RT: 12.60 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.7	107.5
115	44.4	26.2	39.4

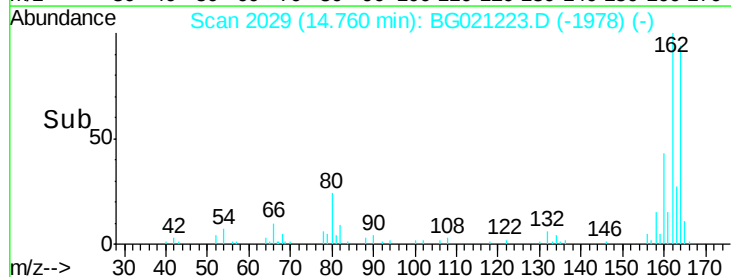
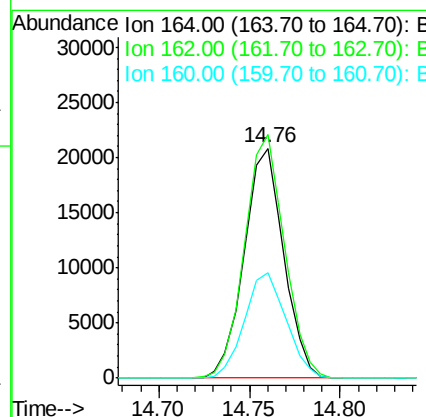
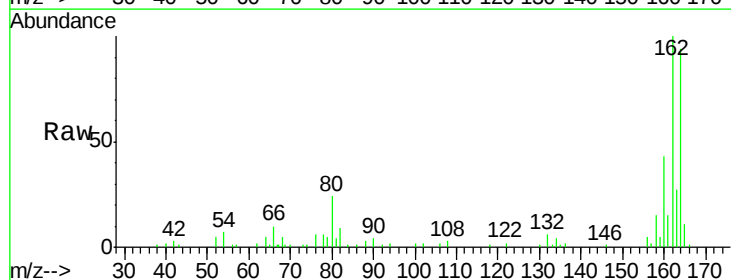
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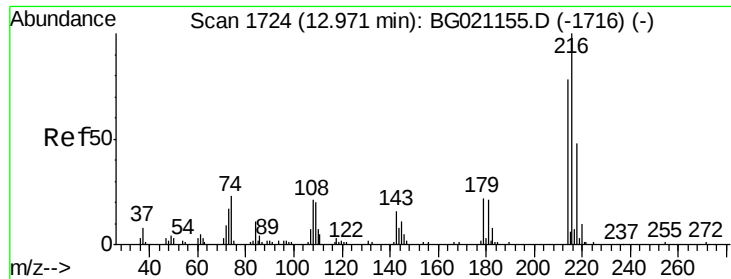
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	80.6	120.8
160	45.9	36.5	54.7





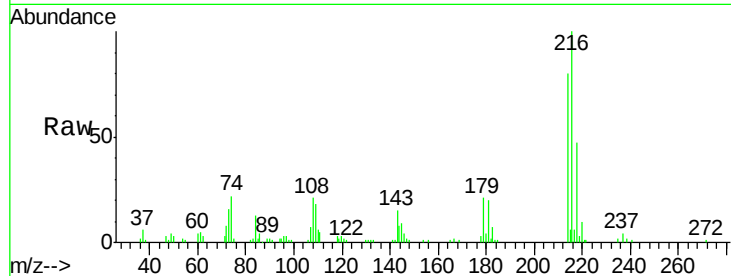
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 57.09 ng
 RT: 12.96 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG021223.D
 Acq: 2 Mar 2016 21:39

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MSD

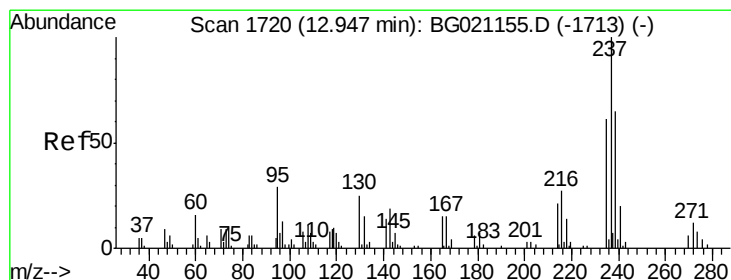
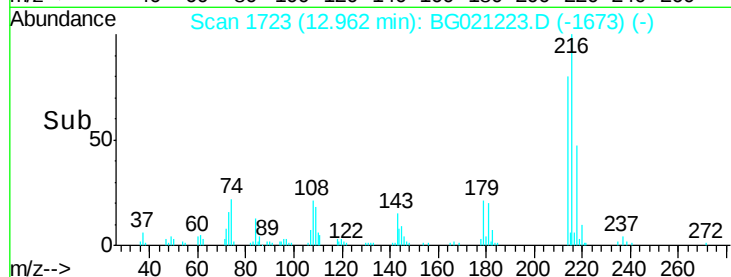
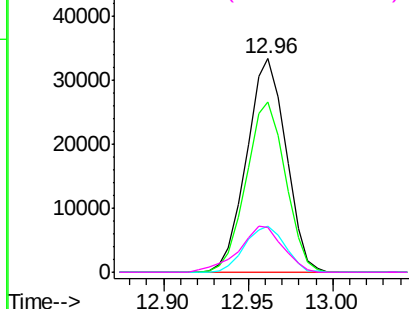
Tot Ion:	216	Resp:	54053
Ion Ratio		Lower	Upper
216	100		
214	79.3	63.5	95.3
179	22.0	17.4	26.0
108	24.0	16.8	25.2

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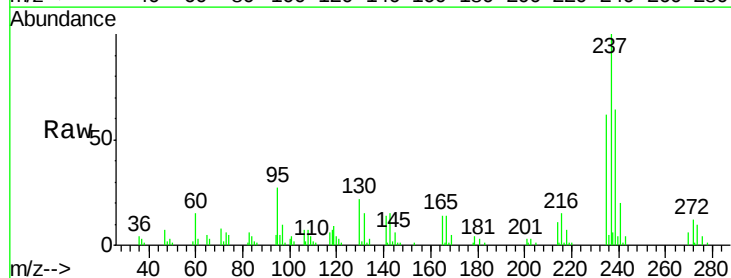


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

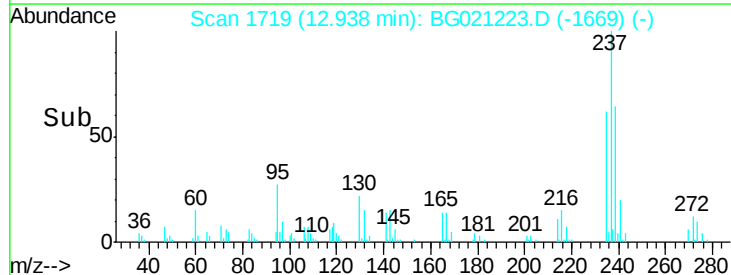
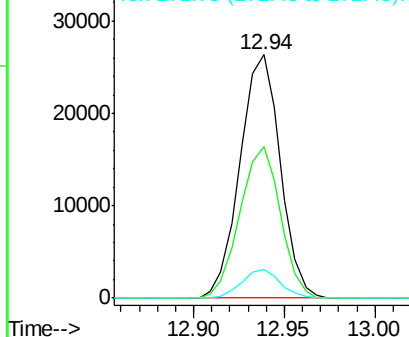


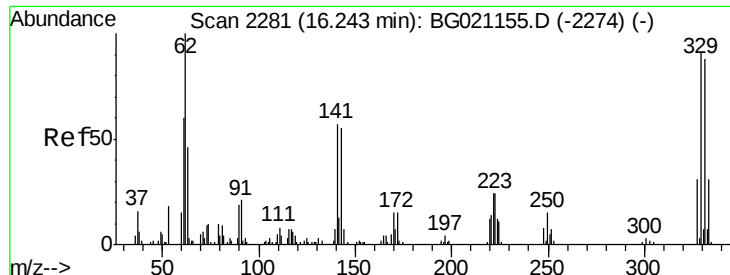
#40
 Hexachlorocyclopentadiene
 Concen: 78.72 ng
 RT: 12.94 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG021223.D
 Acq: 2 Mar 2016 21:39

Tgt Ion:	237	Resp:	40871
Ion Ratio		Lower	Upper
237	100		
235	62.4	42.9	82.9
272	11.5	0.0	32.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 170.85 ng

RT: 16.25 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BG021223.D

Acq: 2 Mar 2016 21:39

Instrument :

BNA_G

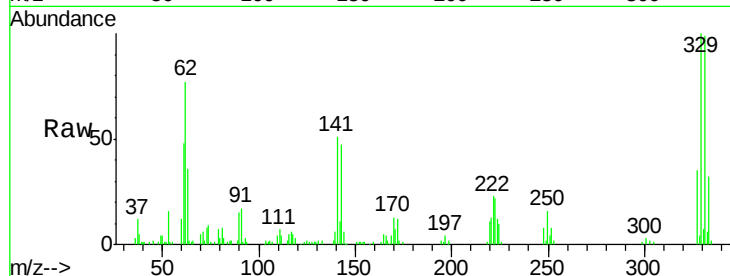
ClientSampleId :

EAST-1MSD

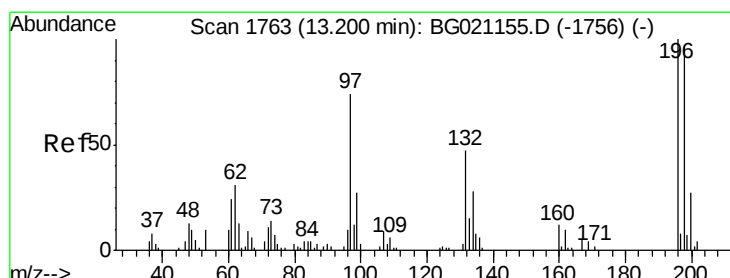
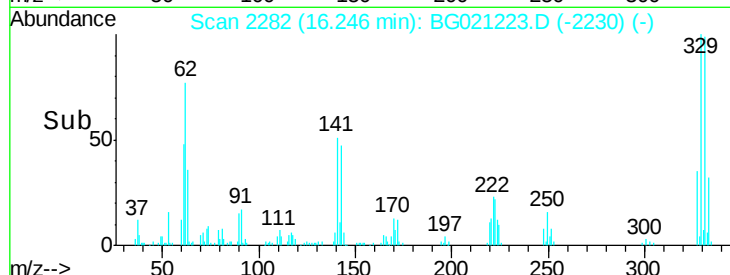
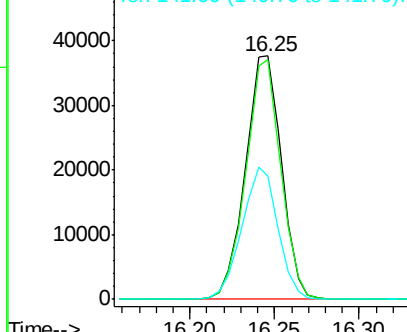
Tot Ion:	330	Resp:	56050
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.4	116.0
141	54.2	35.3	52.9#

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



#42

2,4,6-Trichlorophenol

Concen: 58.79 ng

RT: 13.20 min Scan# 1763

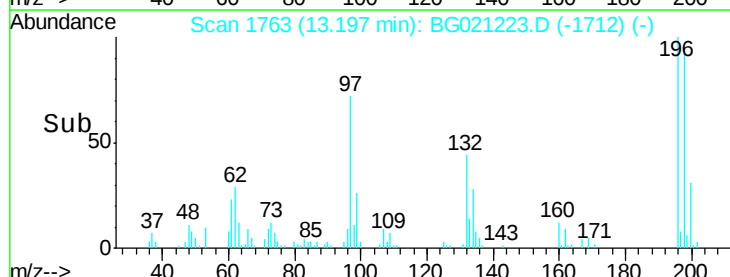
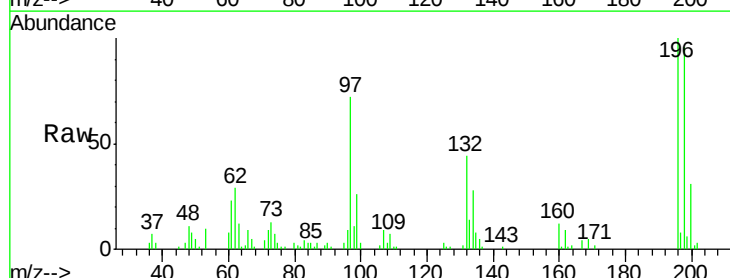
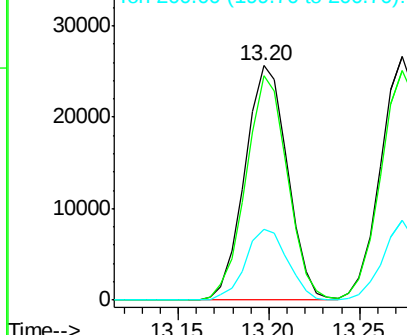
Delta R.T. -0.00 min

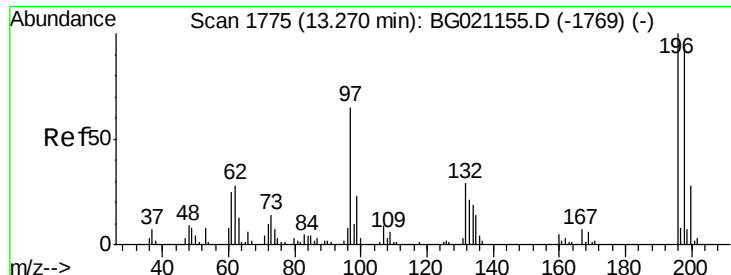
Lab File: BG021223.D

Acq: 2 Mar 2016 21:39

Tgt Ion:	196	Resp:	41808
Ion Ratio	Lower	Upper	
196	100		
198	95.9	75.8	113.8
200	30.5	23.8	35.8

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





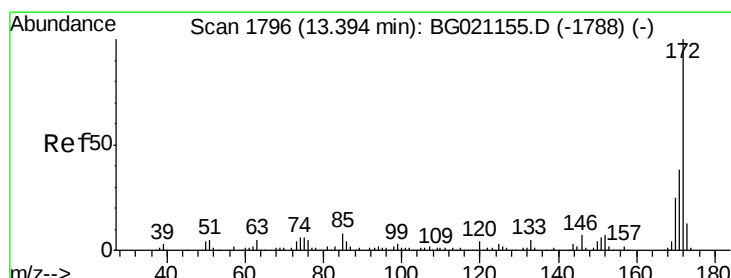
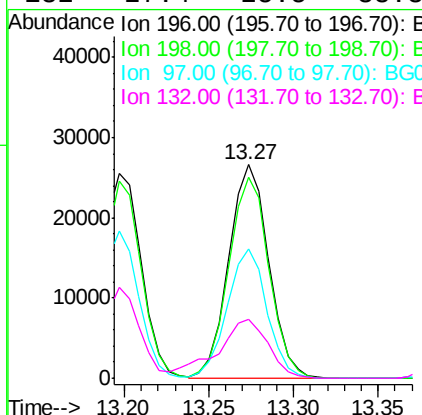
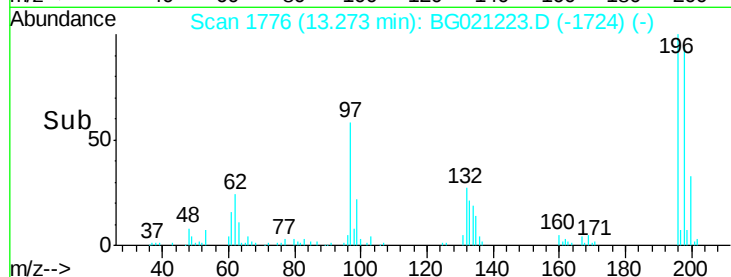
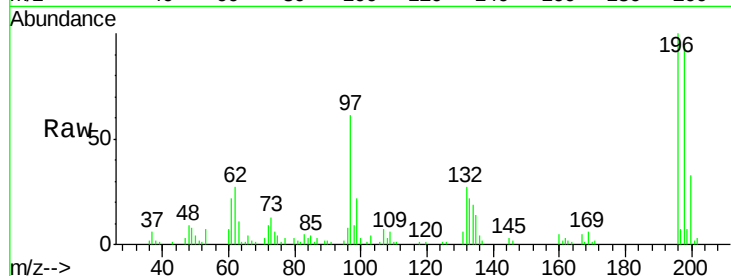
#43
2,4,5-Trichlorophenol
Concen: 57.73 ng
RT: 13.27 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		43901		
198	94.1	80.2	120.4		
97	60.6	42.9	64.3		
132	27.4	25.5	38.3		

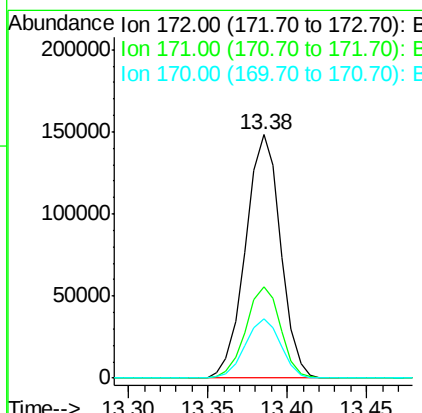
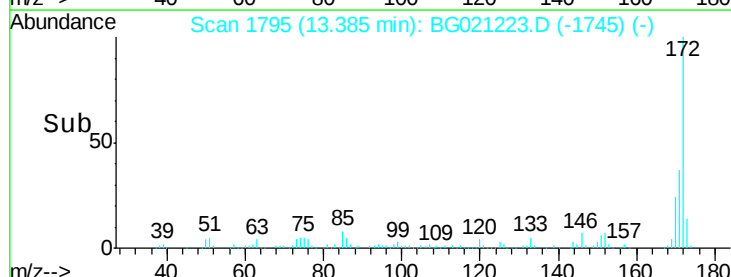
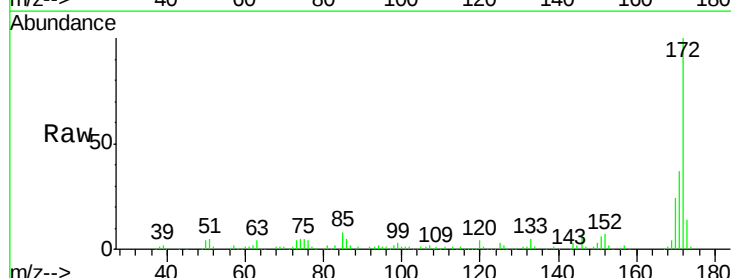
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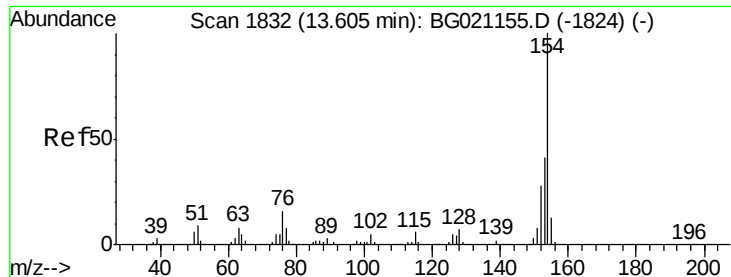
Sohil
3/3/2016 8:23:25 AM



#44
2-Fluorobiphenyl
Concen: 102.48 ng
RT: 13.38 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		227546		
171	37.3	29.4	44.0		
170	24.3	19.8	29.8		





#45

1,1'-Biphenyl

Concen: 52.92 ng

RT: 13.60 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BG021223.D

Acq: 2 Mar 2016 21:39

Instrument :

BNA_G

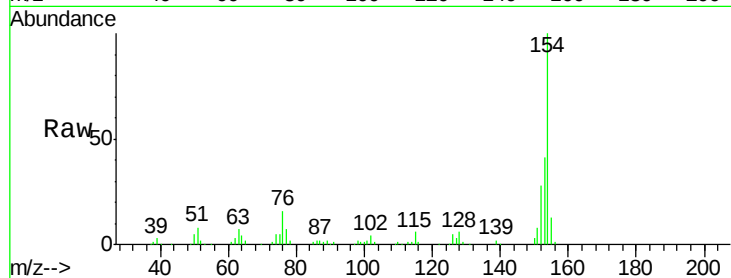
ClientSampleId :

EAST-1MSD

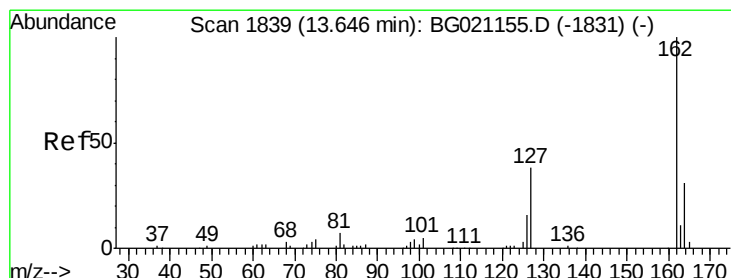
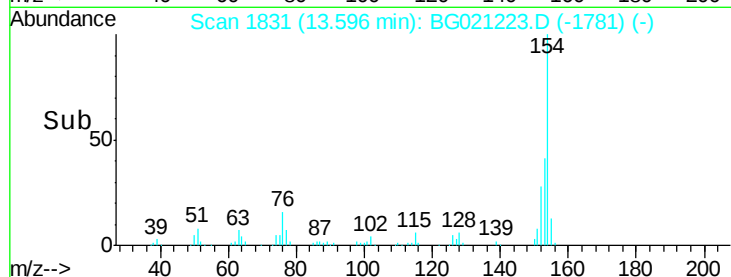
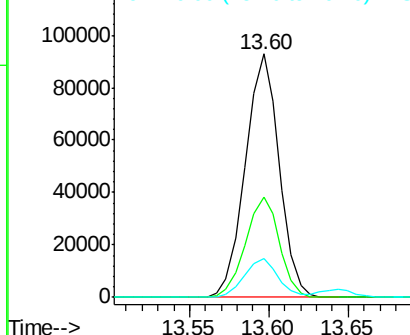
Tot Ion:	154	Resp:	137230
Ion Ratio	Lower	Upper	
154	100		
153	41.3	19.8	59.8
76	15.8	0.0	33.6

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 55.04 ng

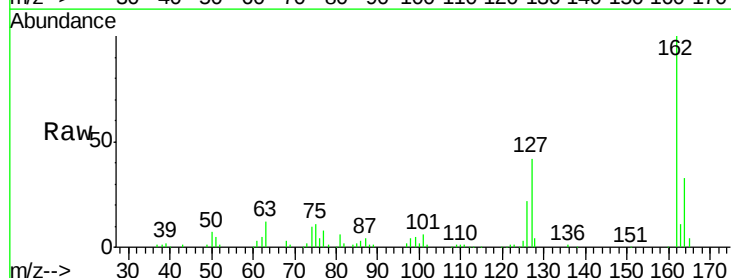
RT: 13.64 min Scan# 1839

Delta R.T. -0.00 min

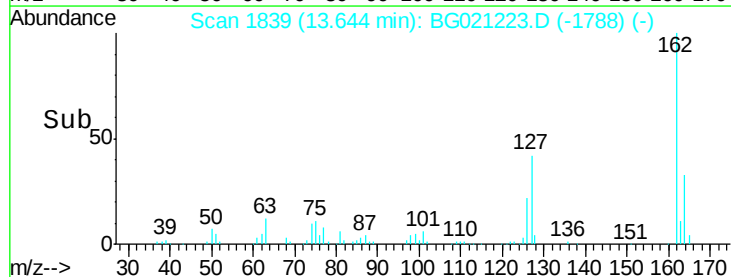
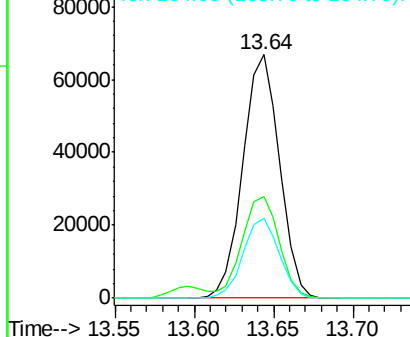
Lab File: BG021223.D

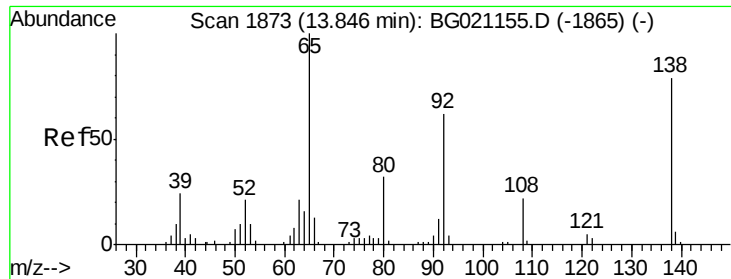
Acq: 2 Mar 2016 21:39

Tgt Ion:	162	Resp:	107128
Ion Ratio	Lower	Upper	
162	100		
127	41.8	31.8	47.8
164	32.7	26.3	39.5



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.11 ng

RT: 13.84 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG021223.D

Acq: 2 Mar 2016 21:39

Instrument :

BNA_G

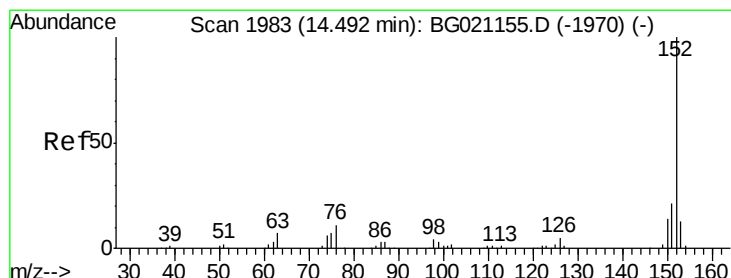
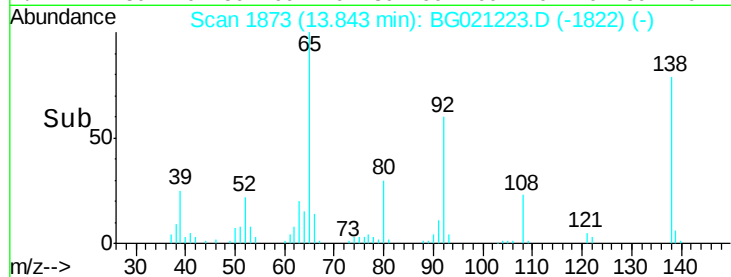
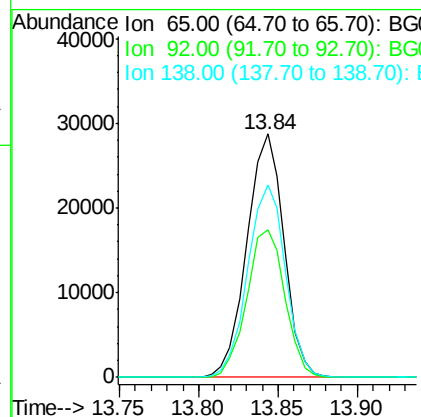
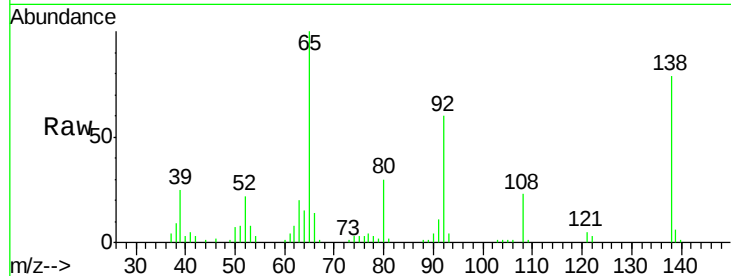
ClientSampleId :

EAST-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	46592		
92	60.5	54.6	82.0	
138	79.2	94.9	142.3	

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#48

Acenaphthylene

Concen: 51.31 ng

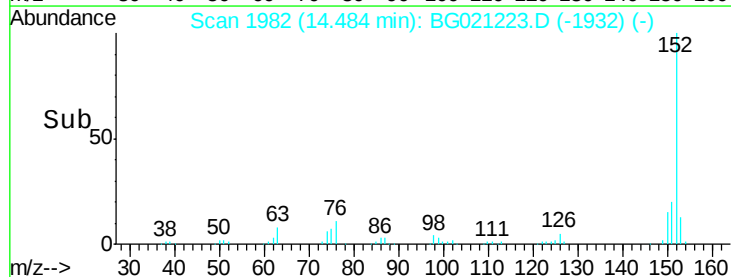
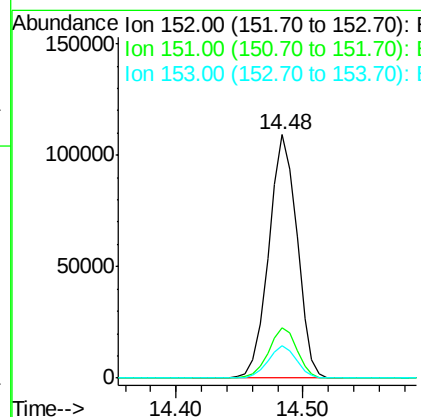
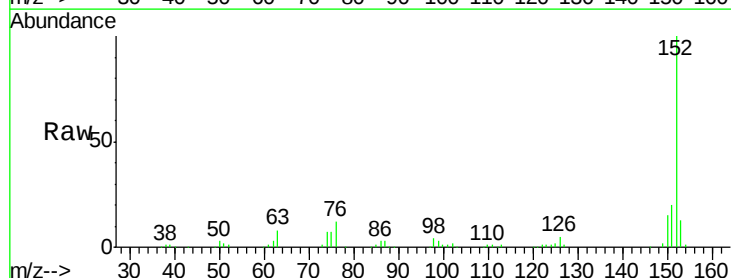
RT: 14.48 min Scan# 1982

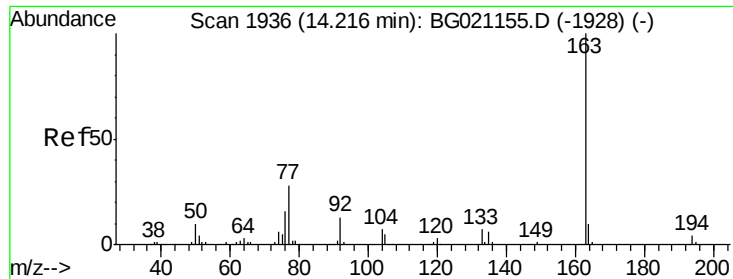
Delta R.T. -0.01 min

Lab File: BG021223.D

Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	169087		
151	20.4	15.9	23.9	
153	13.2	10.2	15.2	





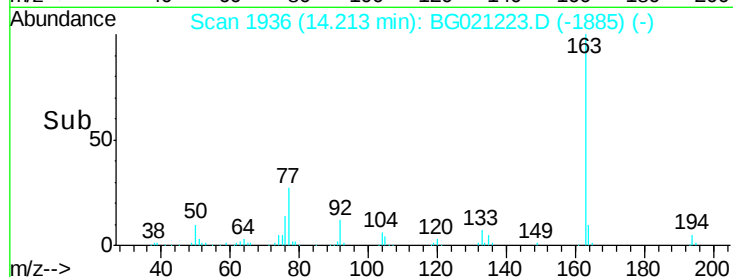
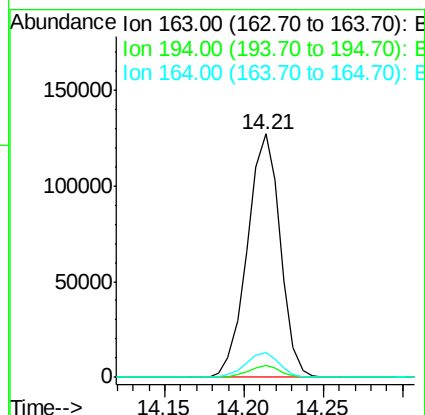
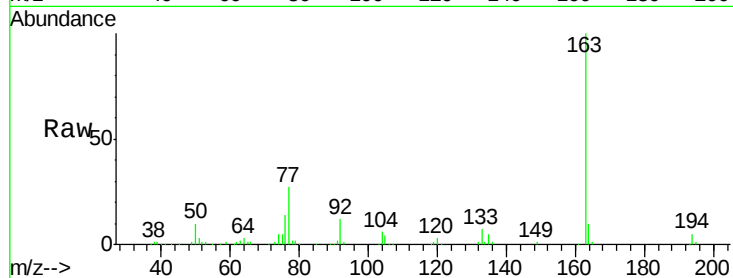
#49
Dimethylphthalate
Concen: 65.13 ng
RT: 14.21 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.7	2.8	4.2#	
164	10.0	7.9	11.9	

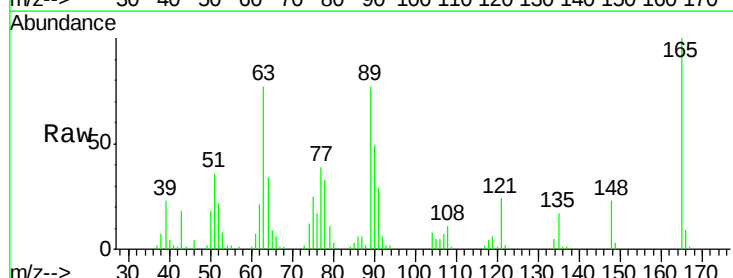
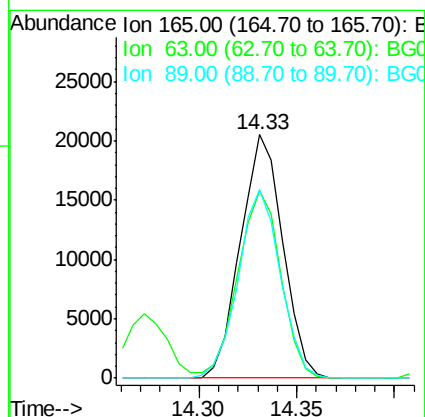
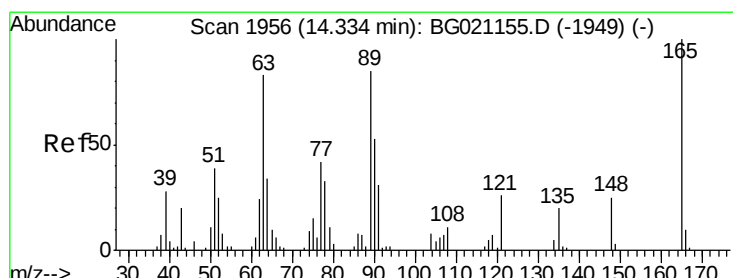
Manual Integrations
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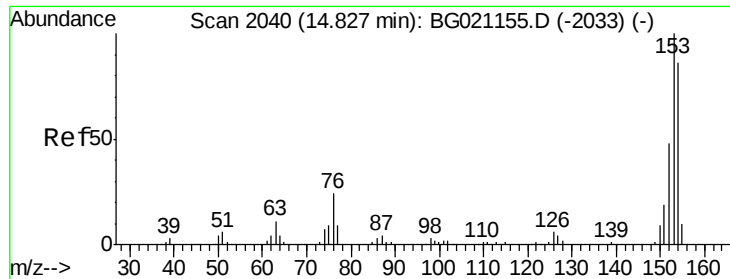
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#50
2,6-Dinitrotoluene
Concen: 52.18 ng
RT: 14.33 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	77.0	42.1	63.1#	
89	77.3	46.1	69.1#	





#51

Acenaphthene

Concen: 49.87 ng

RT: 14.82 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG021223.D

Acq: 2 Mar 2016 21:39

Instrument :

BNA_G

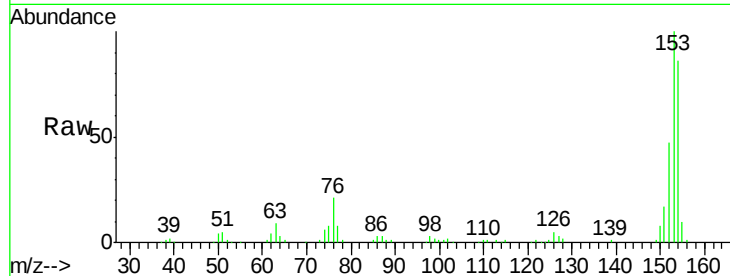
ClientSampleId :

EAST-1MSD

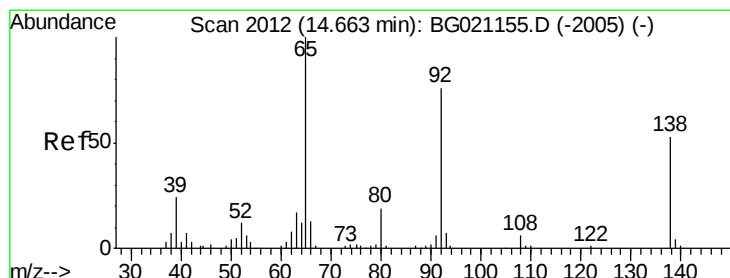
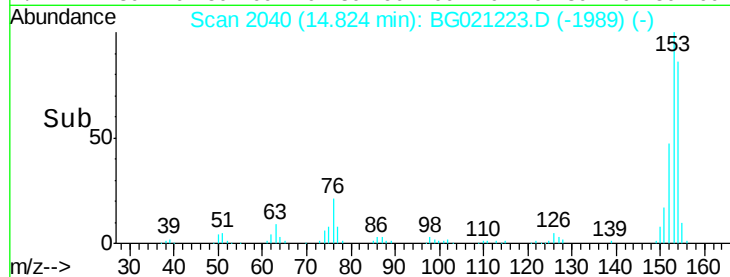
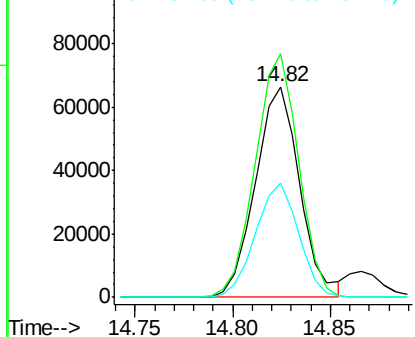
Tot Ion:	154	Resp:	104343
Ion	Ratio	Lower	Upper
154	100		
153	115.8	94.2	141.2
152	54.3	42.9	64.3

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.10 ng

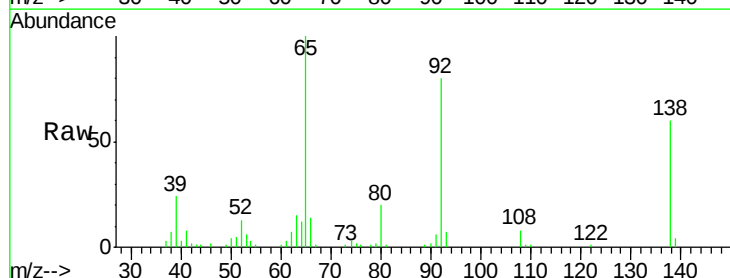
RT: 14.66 min Scan# 2012

Delta R.T. -0.00 min

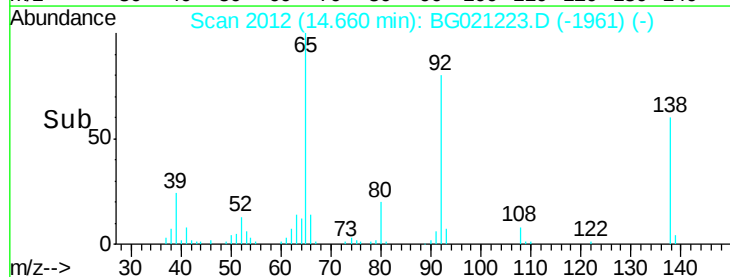
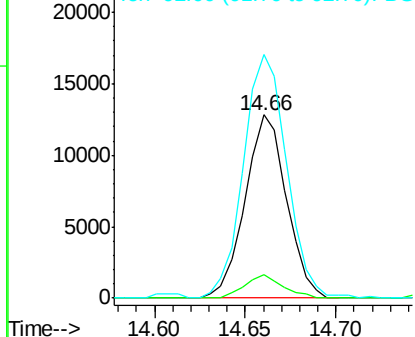
Lab File: BG021223.D

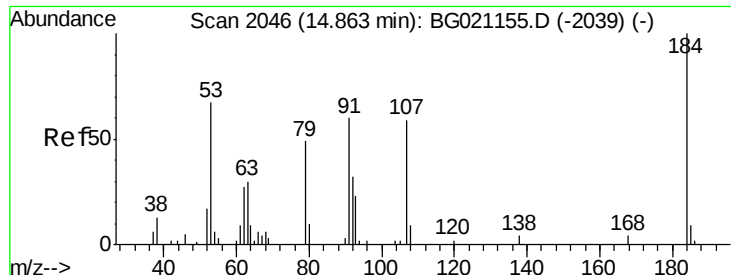
Acq: 2 Mar 2016 21:39

Tgt Ion:	138	Resp:	20287
Ion	Ratio	Lower	Upper
138	100		
108	12.5	5.8	8.6#
92	133.1	83.6	125.4#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGO





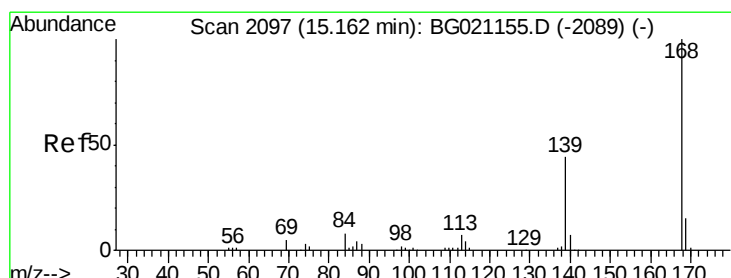
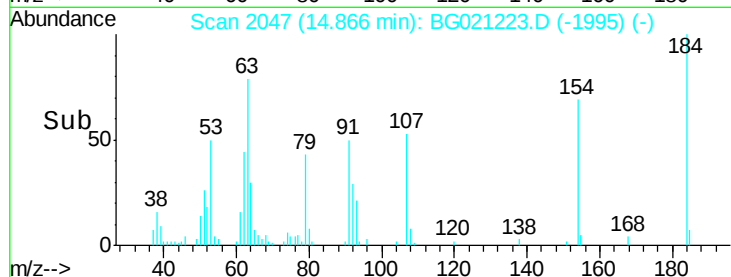
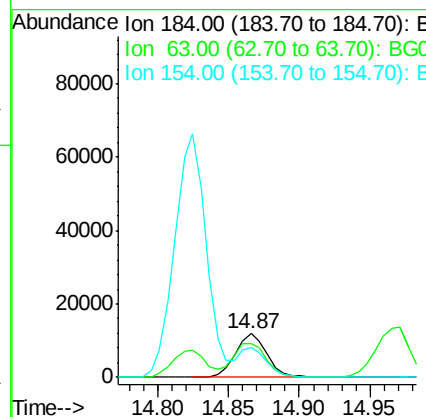
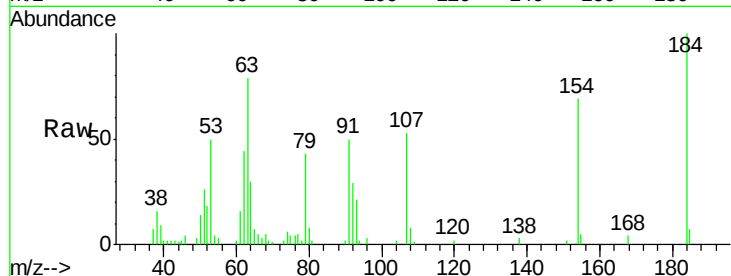
#53
2,4-Dinitrophenol
Concen: 56.74 ng
RT: 14.87 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	18439		
63	79.0	57.0	85.6	
154	69.2	51.3	76.9	

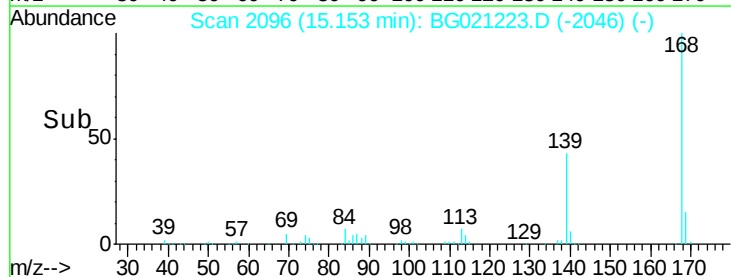
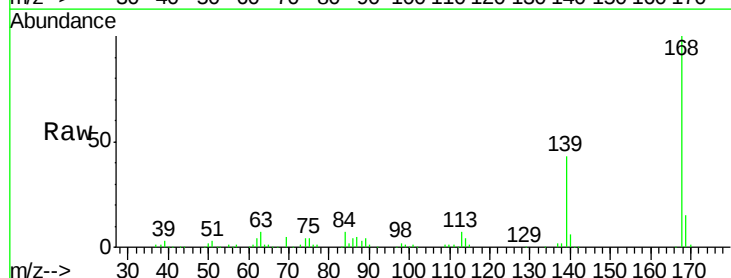
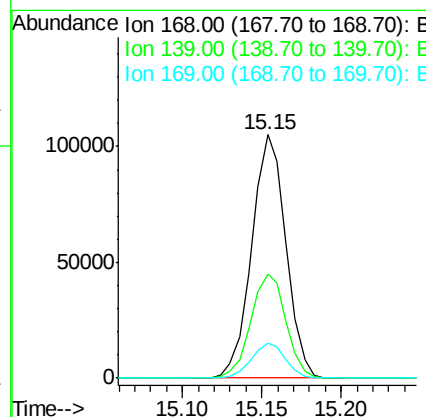
Manual Integrations
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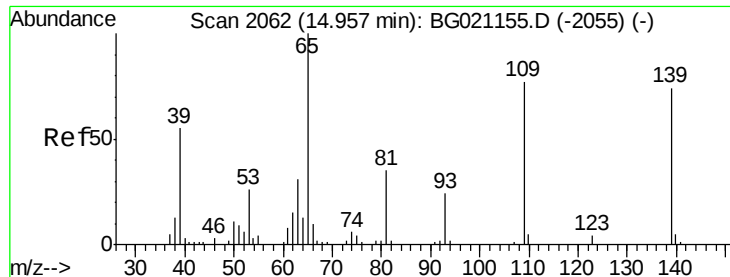
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#54
Dibenzofuran
Concen: 56.16 ng
RT: 15.15 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	156907		
139	42.7	29.8	44.8	
169	14.6	11.4	17.2	





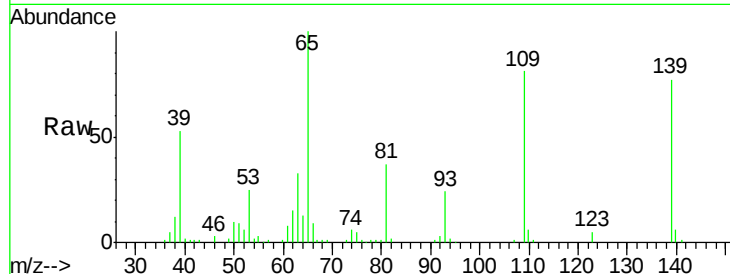
#55
4-Nitrophenol
Concen: 101.59 ng
RT: 14.97 min Scan# 2065
Delta R.T. 0.01 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	104.9	54.1	94.1#	
65	129.2	73.4	113.4#	

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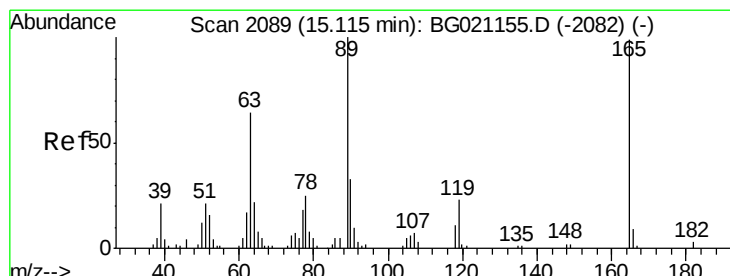
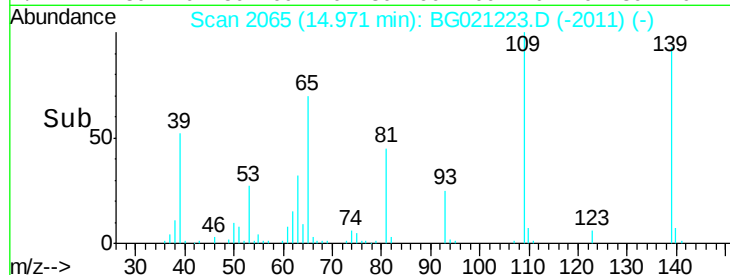
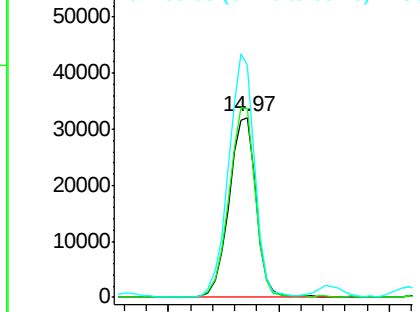


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56
2,4-Dinitrotoluene
Concen: 51.17 ng
RT: 15.12 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.8	34.1	51.1#	
89	91.1	63.0	94.4	
182	3.6	1.4	2.2#	

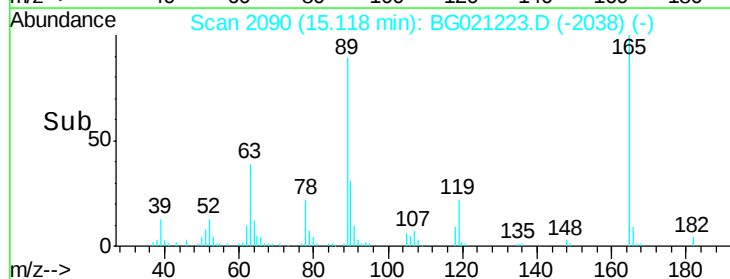
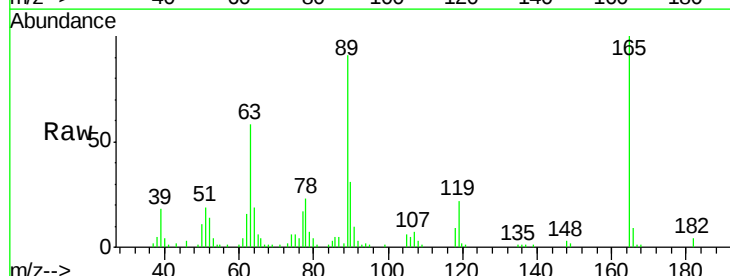
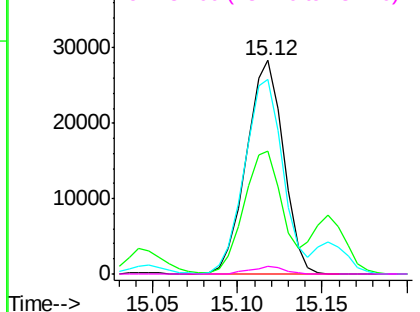
Abundance

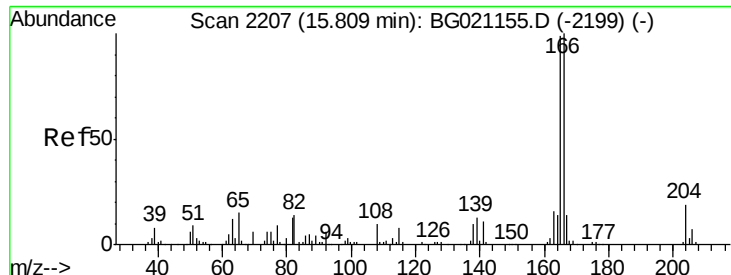
Ion 165.00 (164.70 to 165.70): E

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





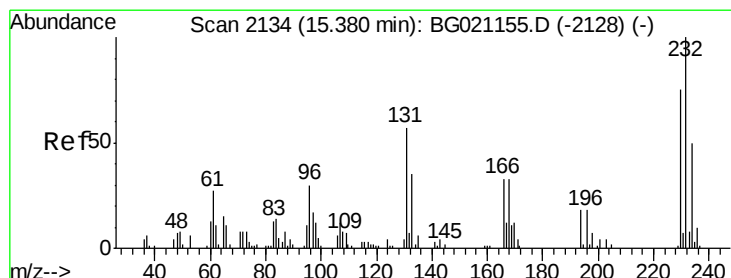
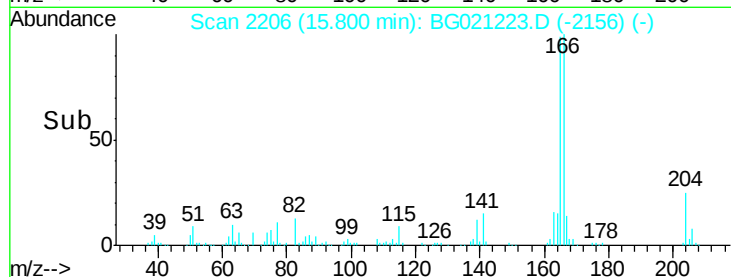
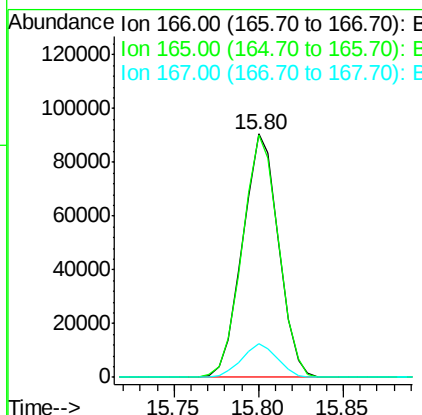
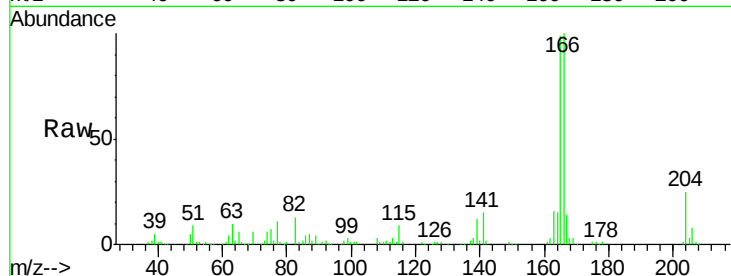
#57
 Fluorene
 Concen: 50.36 ng
 RT: 15.80 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG021223.D
 Acq: 2 Mar 2016 21:39

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	134056		
165	99.5	81.3	121.9	
167	14.0	10.6	16.0	

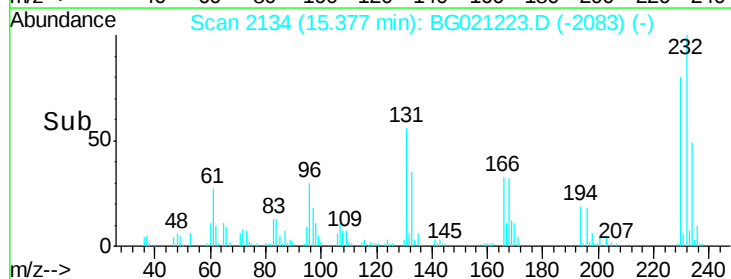
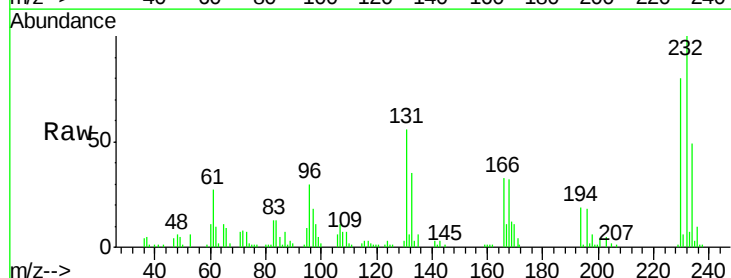
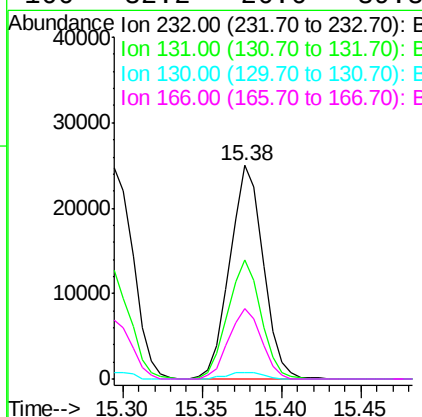
Manual Integrations
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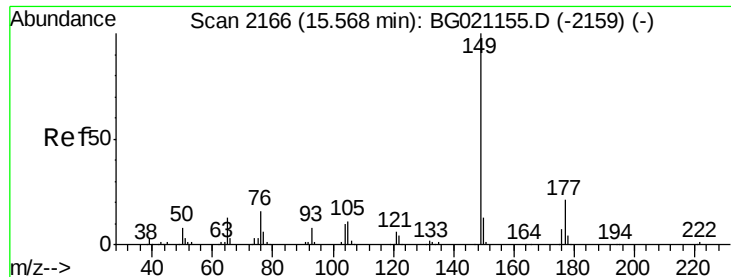
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 60.29 ng
 RT: 15.38 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG021223.D
 Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	36673		
131	55.1	41.4	62.2	
130	3.3	1.8	2.8	
166	32.2	26.6	39.8	





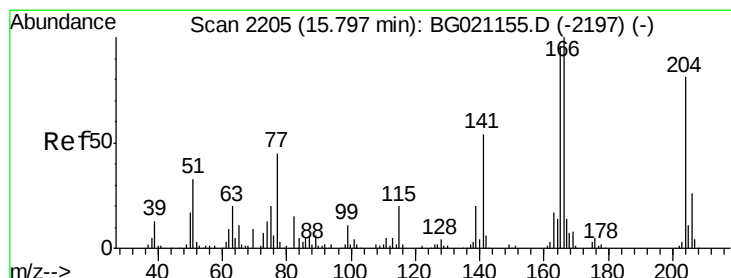
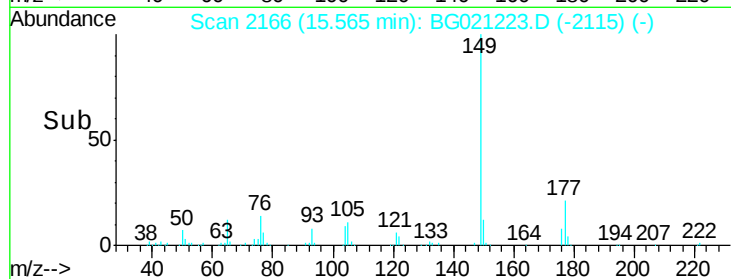
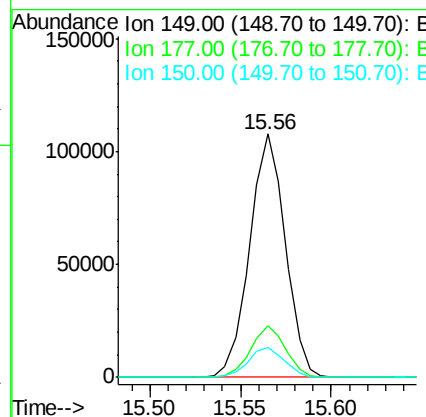
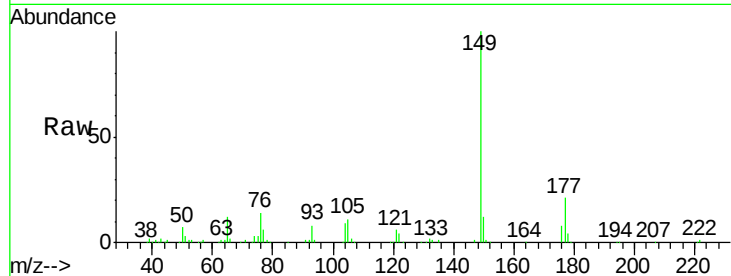
#59
Diethylphthalate
Concen: 47.30 ng
RT: 15.56 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

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

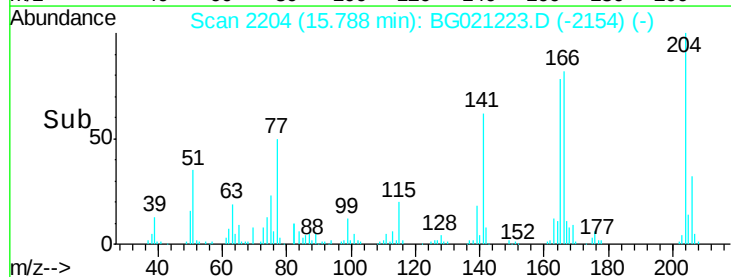
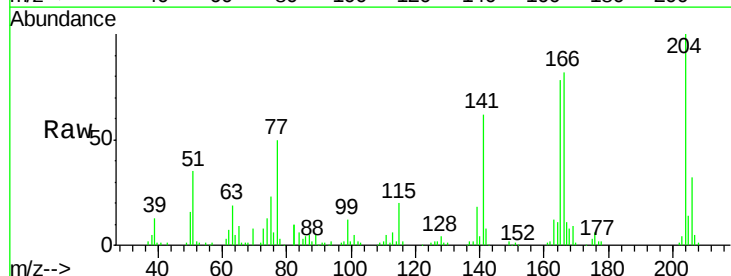
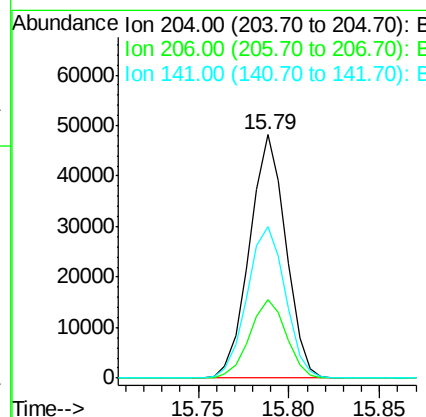
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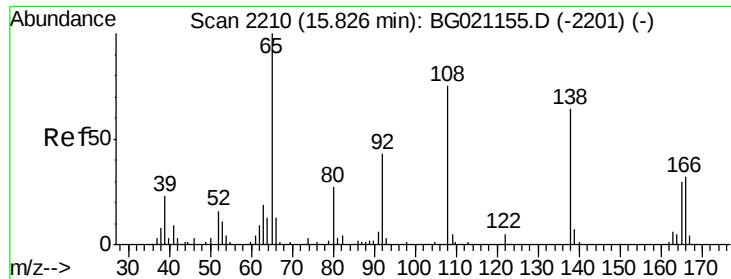
Sohil
3/3/2016 8:23:25 AM



#60
4-Chlorophenyl-phenylether
Concen: 50.41 ng
RT: 15.79 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	32.1	26.9	40.3
141	62.1	50.8	76.2





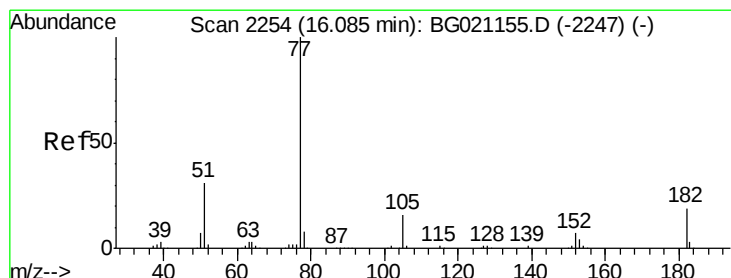
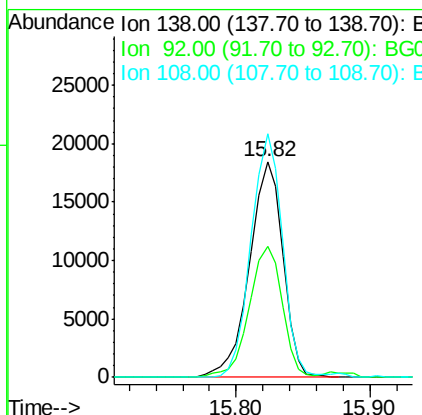
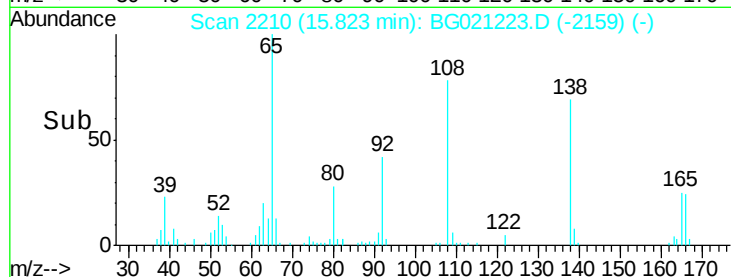
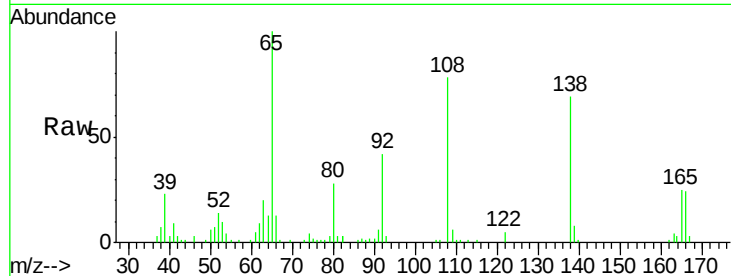
#61
4-Nitroaniline
Concen: 45.90 ng
RT: 15.82 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	60.5	28.0	68.0	
108	112.9	52.6	92.6#	

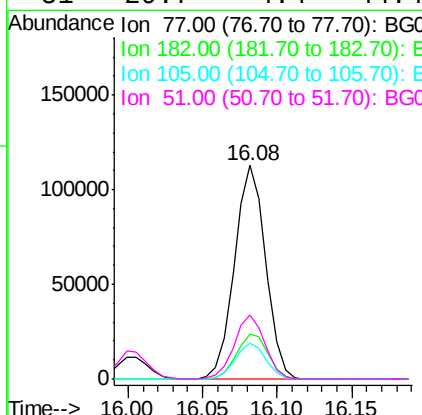
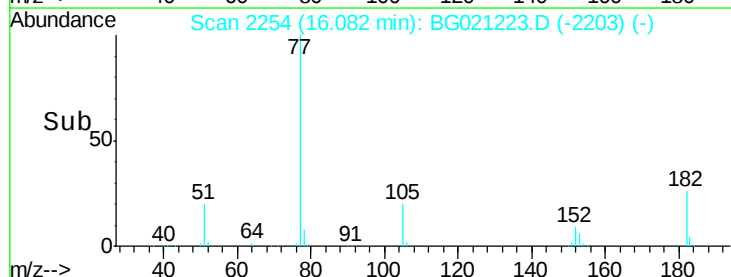
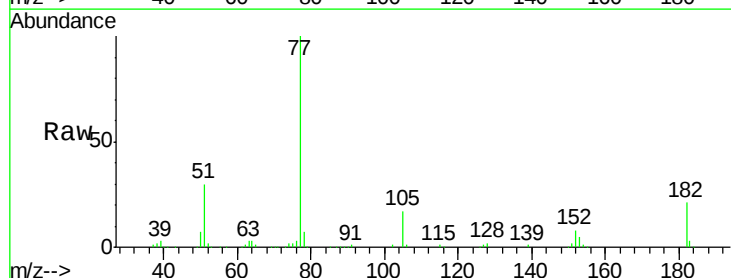
Manual Integrations
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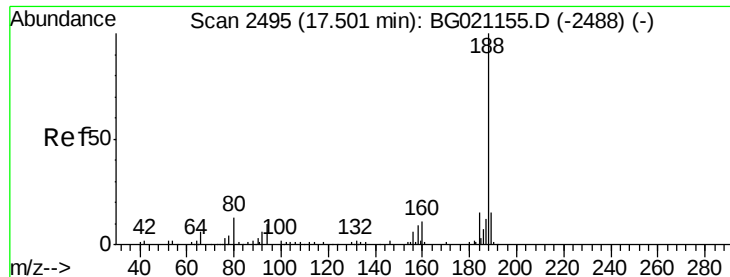
Sohil
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#62
Azobenzene
Concen: 48.86 ng
RT: 16.08 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	20.9	0.7	40.7	
105	16.7	0.0	38.3	
51	29.7	4.4	44.4	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.50 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BG021223.D

Acq: 2 Mar 2016 21:39

Instrument :

BNA_G

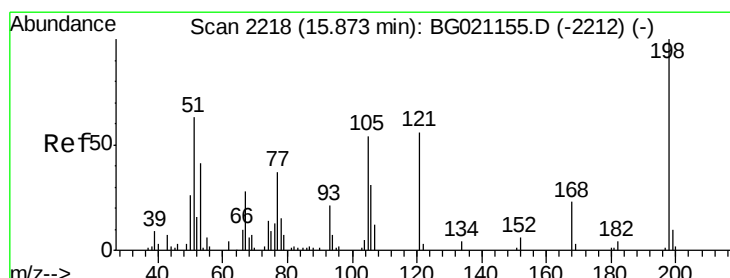
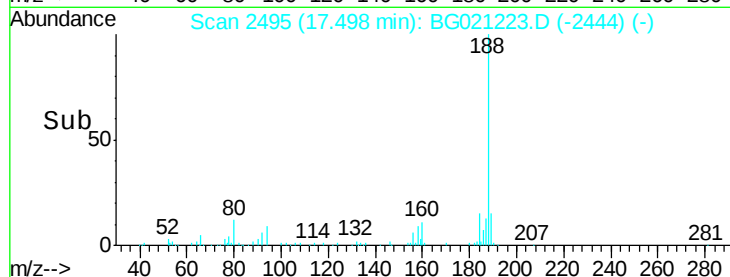
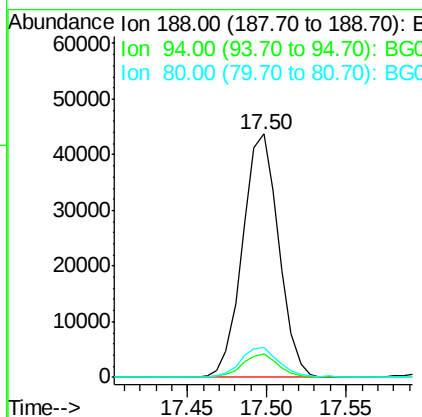
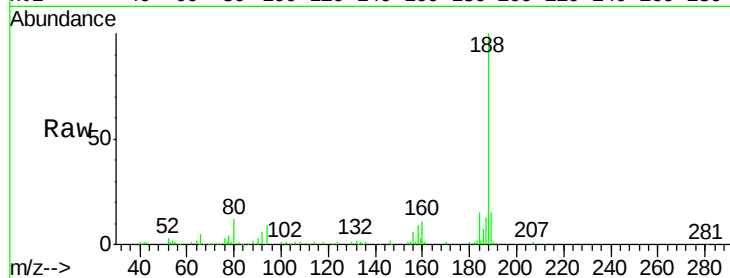
ClientSampleId :

EAST-1MSD

Tot Ion:188	Resp:	68972
Ion Ratio	Lower	Upper
188 100		
94 9.4	8.2	12.4
80 12.1	9.2	13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 43.85 ng

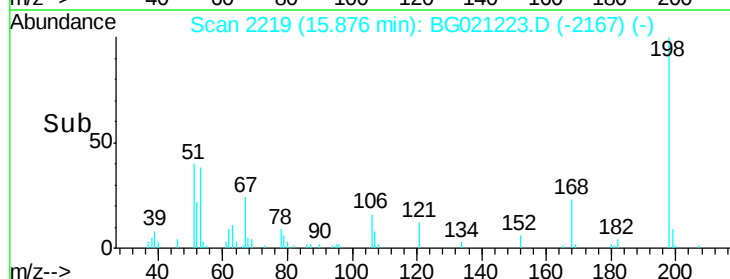
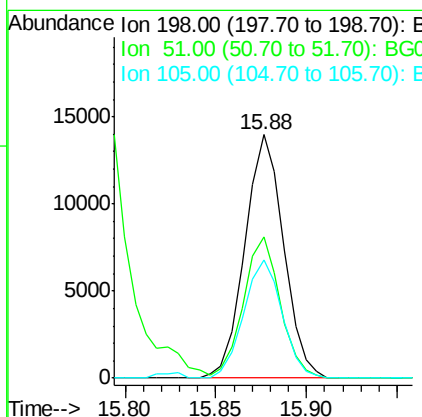
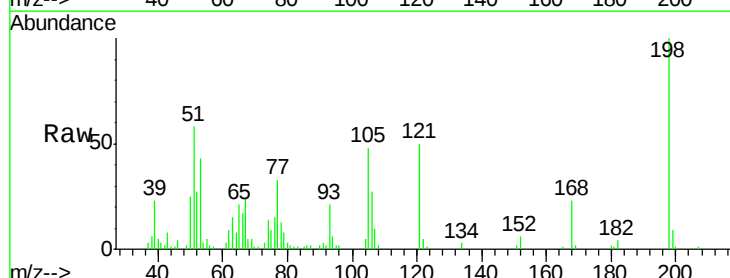
RT: 15.88 min Scan# 2219

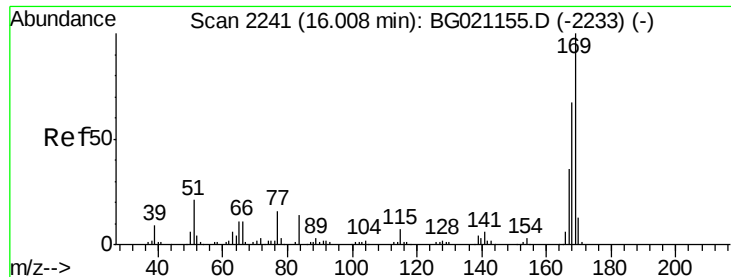
Delta R.T. 0.00 min

Lab File: BG021223.D

Acq: 2 Mar 2016 21:39

Tgt Ion:198	Resp:	20736
Ion Ratio	Lower	Upper
198 100		
51 57.8	30.4	70.4
105 48.3	32.8	72.8





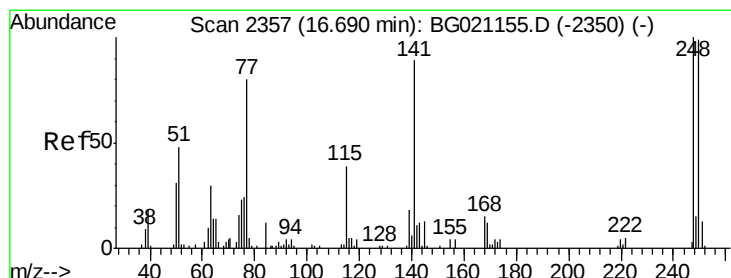
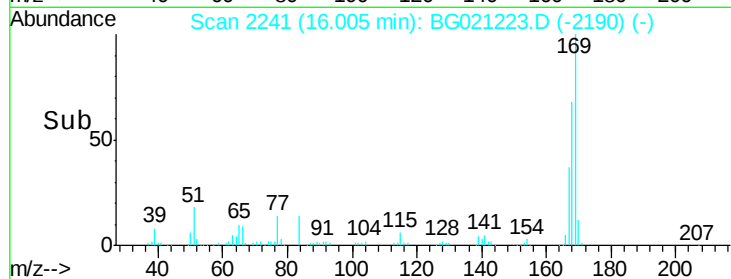
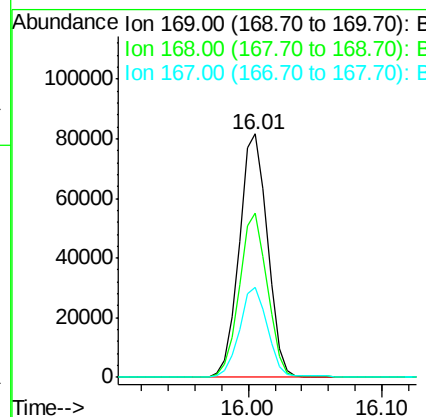
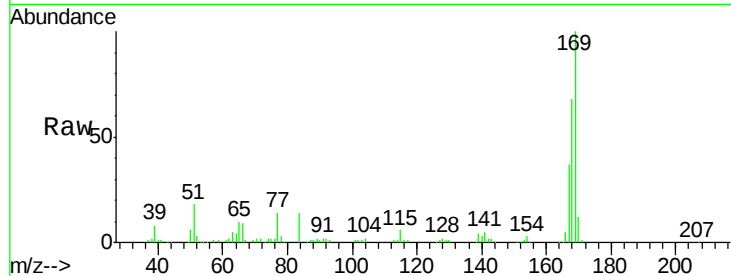
#65
 n-Nitrosodiphenylamine
 Concen: 56.46 ng
 RT: 16.01 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG021223.D
 Acq: 2 Mar 2016 21:39

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.7	58.2	87.2
167	36.9	31.0	46.6

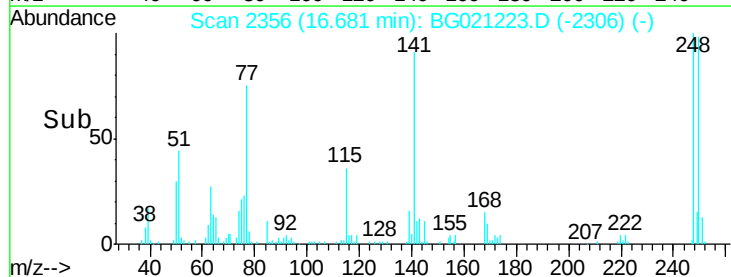
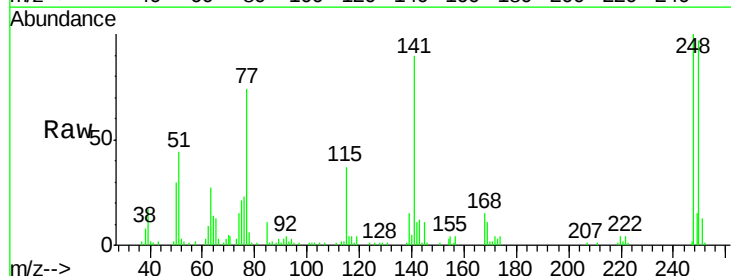
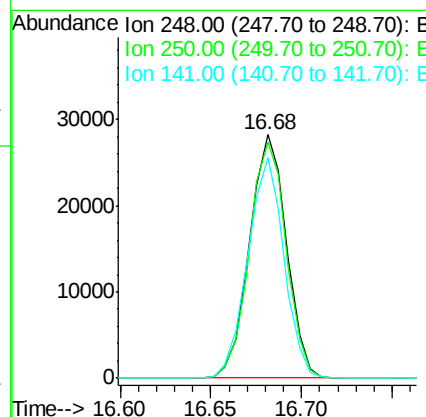
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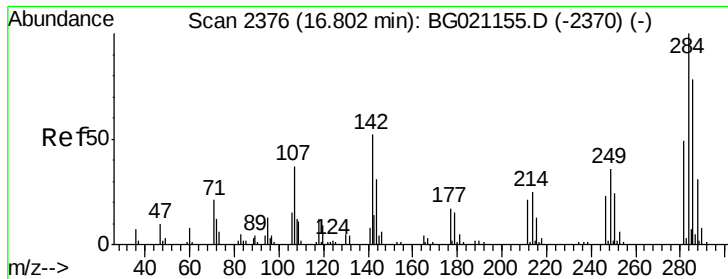
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#66
 4-Bromophenyl-phenylether
 Concen: 55.41 ng
 RT: 16.68 min Scan# 2356
 Delta R.T. -0.01 min
 Lab File: BG021223.D
 Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.4	114.6
141	90.5	57.4	86.0





#67

Hexachlorobenzene

Concen: 56.81 ng

RT: 16.80 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BG021223.D

Acq: 2 Mar 2016 21:39

Instrument :

BNA_G

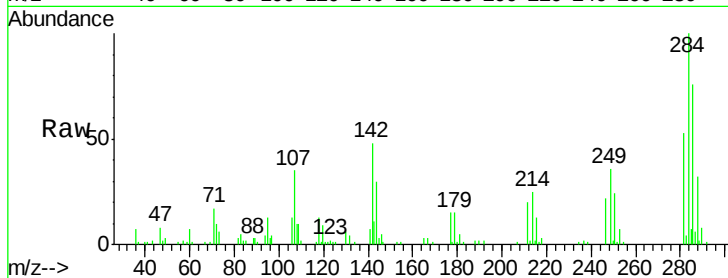
ClientSampled :

EAST-1MSD

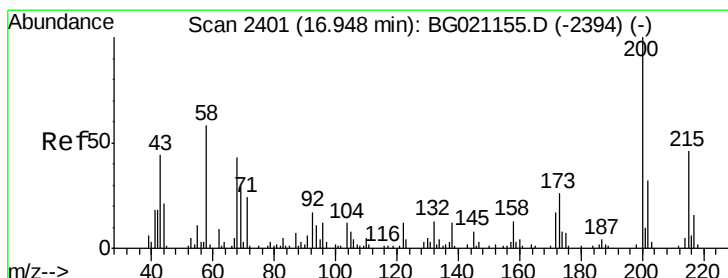
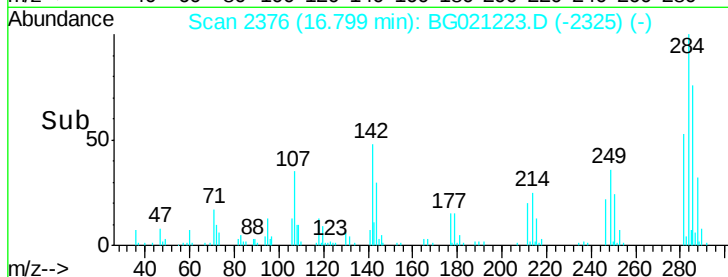
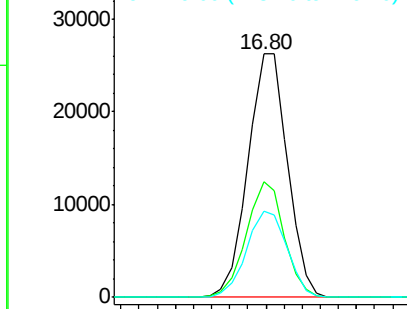
Tot Ion:	284	Resp:	39744
Ion Ratio	Lower	Upper	
284	100		
142	47.5	32.1	48.1
249	37.7	24.0	36.0

Manual Integrations
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 61.69 ng

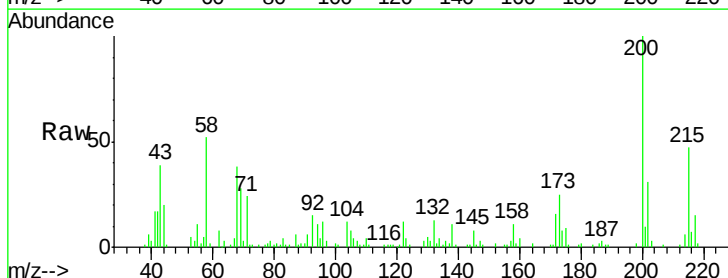
RT: 16.95 min Scan# 2401

Delta R.T. -0.00 min

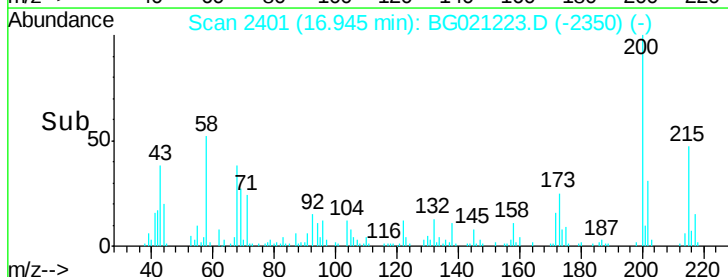
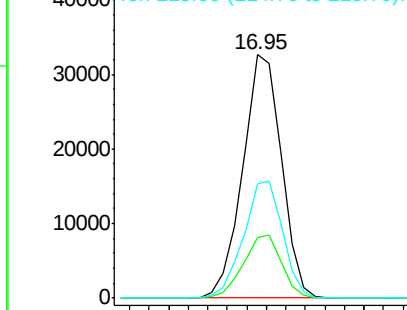
Lab File: BG021223.D

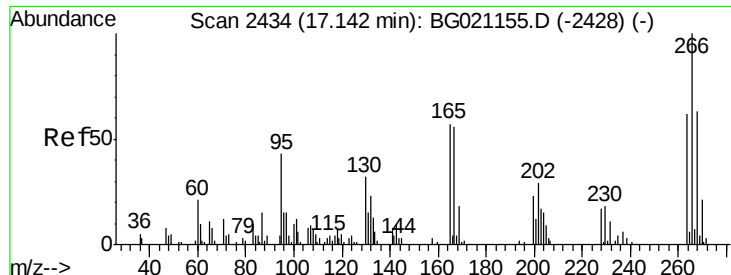
Acq: 2 Mar 2016 21:39

Tgt Ion:	200	Resp:	44799
Ion Ratio	Lower	Upper	
200	100		
173	25.0	3.9	43.9
215	46.7	29.0	69.0



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





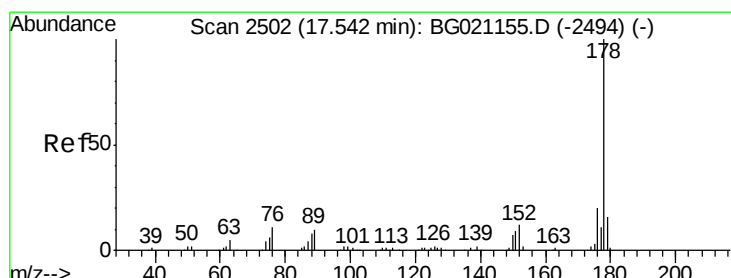
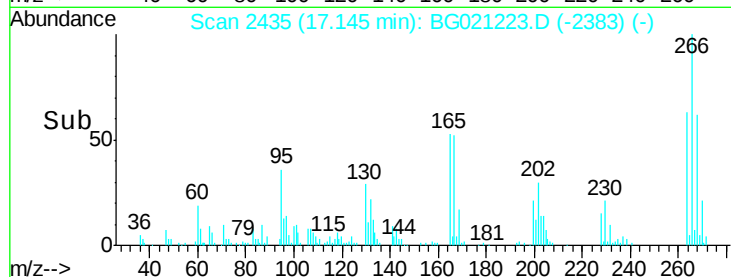
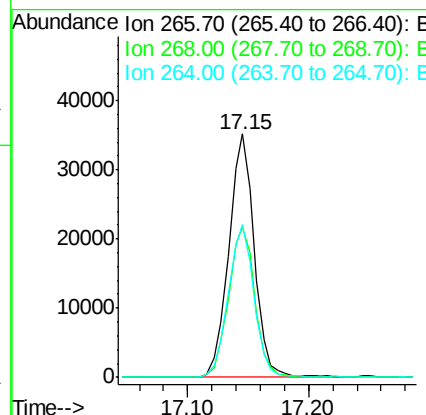
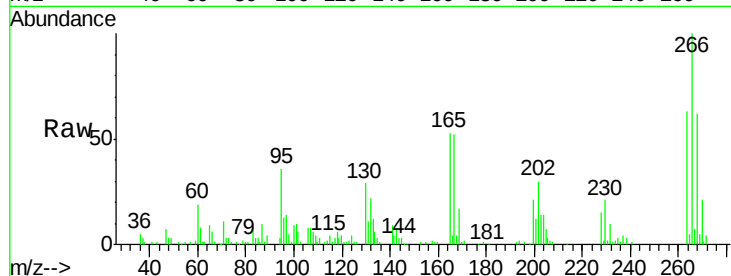
#69
 Pentachlorophenol
 Concen: 112.08 ng
 RT: 17.15 min Scan# 2435
 Delta R.T. 0.00 min
 Lab File: BG021223.D
 Acq: 2 Mar 2016 21:39

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.1	51.0	76.6
264	67.4	47.8	71.8

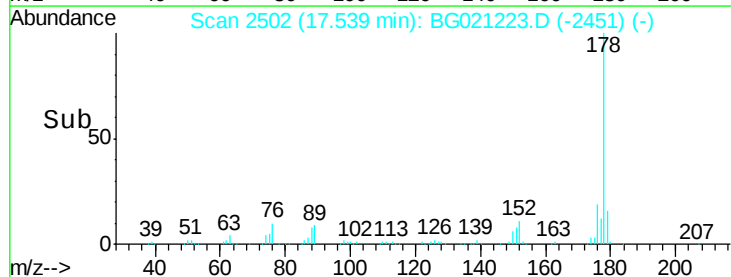
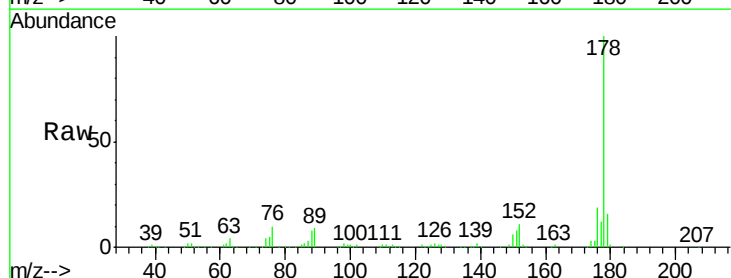
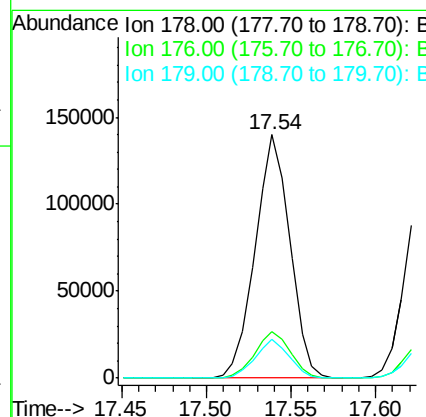
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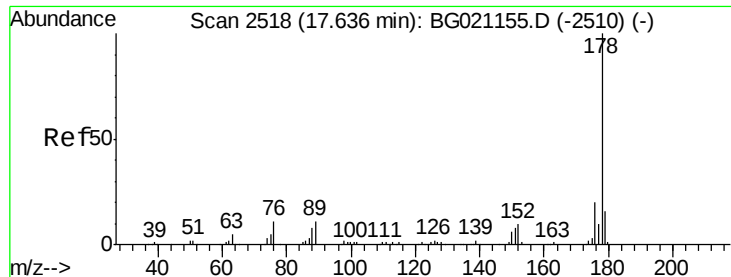
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#70
 Phenanthrene
 Concen: 53.77 ng
 RT: 17.54 min Scan# 2502
 Delta R.T. -0.00 min
 Lab File: BG021223.D
 Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.9	12.9	19.3





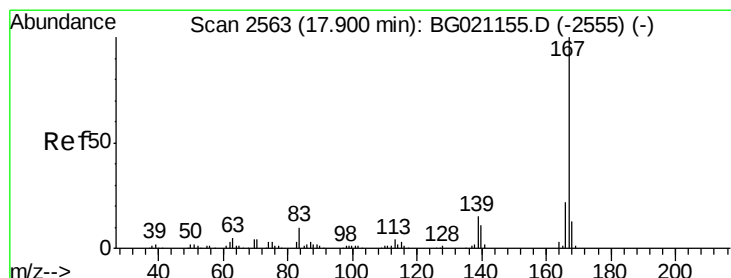
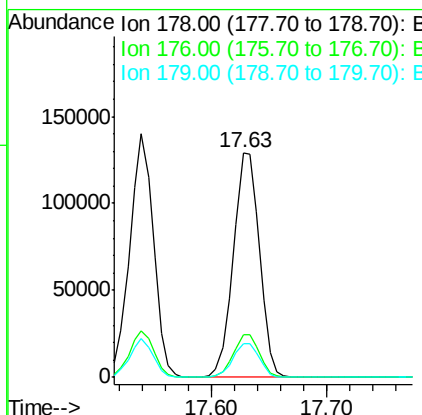
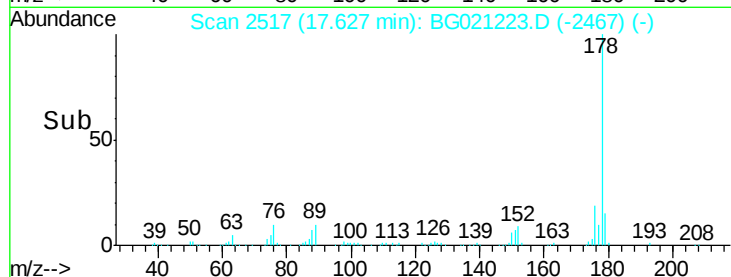
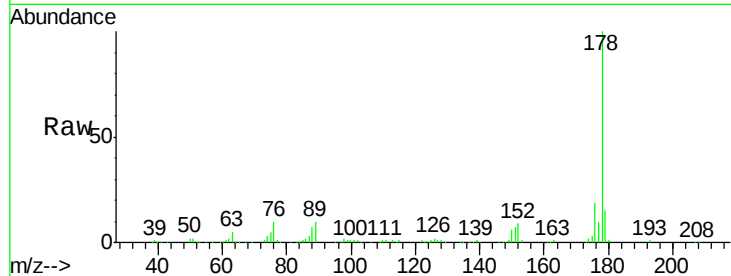
#71
 Anthracene
 Concen: 53.05 ng
 RT: 17.63 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG021223.D
 Acq: 2 Mar 2016 21:39

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	14.8	12.6	19.0

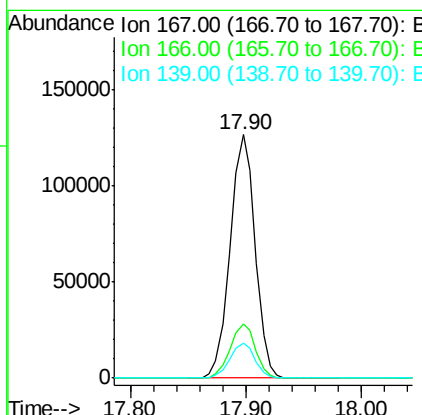
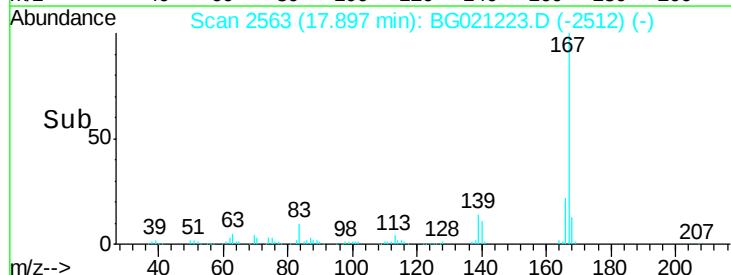
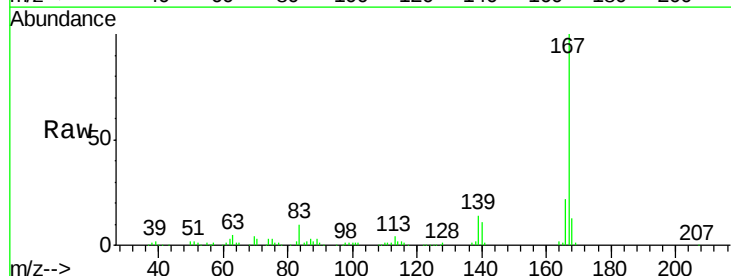
Manual Integrations
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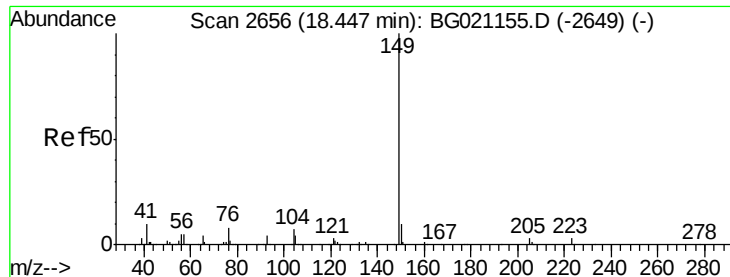
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#72
 Carbazole
 Concen: 55.93 ng
 RT: 17.90 min Scan# 2563
 Delta R.T. -0.00 min
 Lab File: BG021223.D
 Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.5	26.3
139	14.4	10.3	15.5





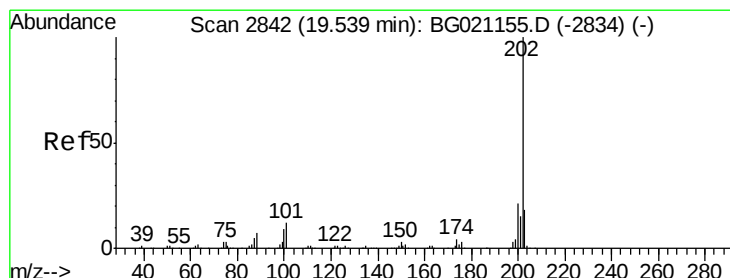
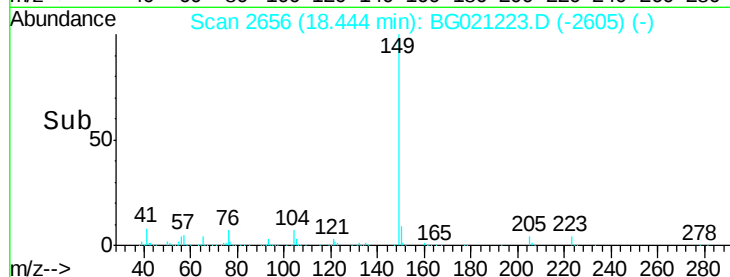
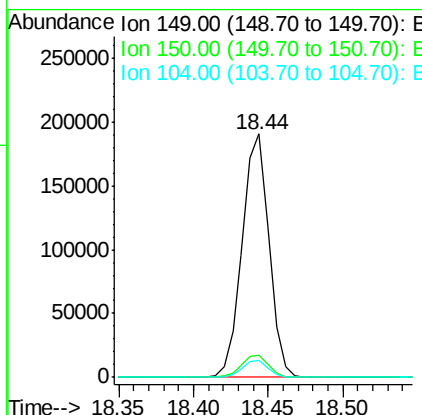
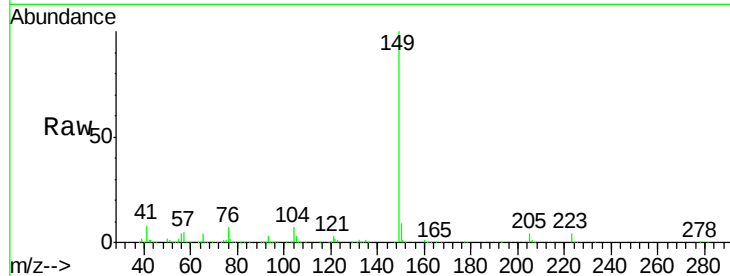
#73
Di-n-butylphthalate
Concen: 50.08 ng
RT: 18.44 min Scan# 2656
Delta R.T. -0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.2	7.6	11.4
104	6.8	4.1	6.1

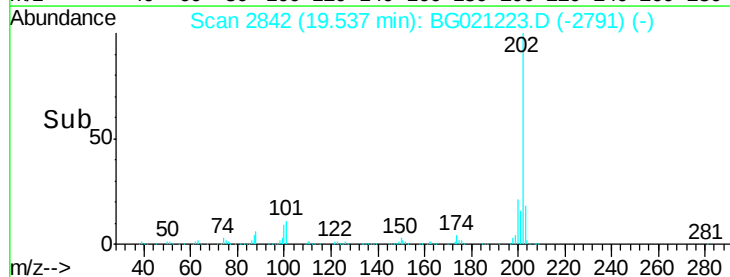
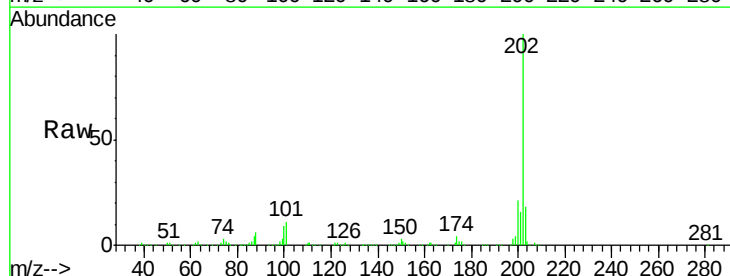
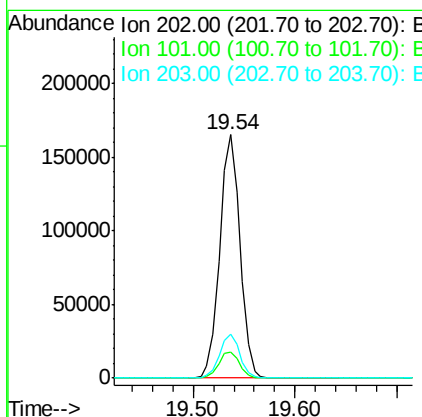
Manual Integrations
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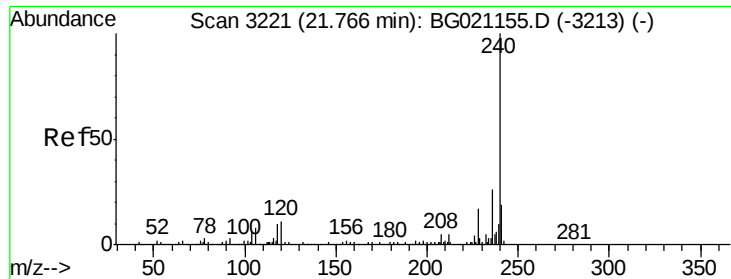
Sohil
3/3/2016 8:23:25 AM



#74
Fluoranthene
Concen: 52.44 ng
RT: 19.54 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.9	0.0	32.5
203	18.0	0.0	37.6





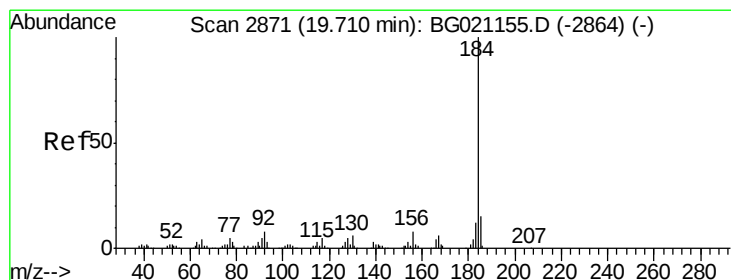
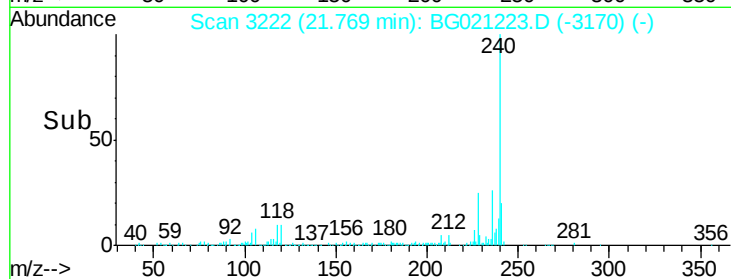
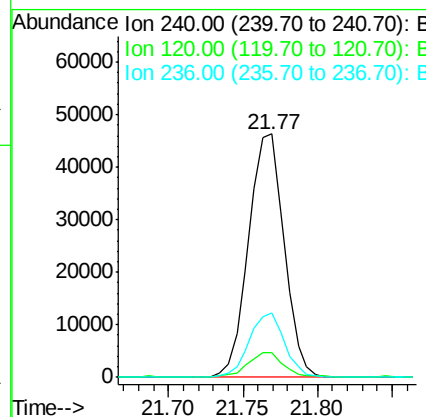
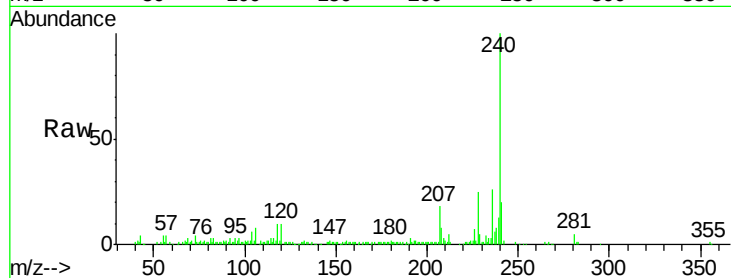
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. 0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.5	11.3
236	26.4	20.5	30.7

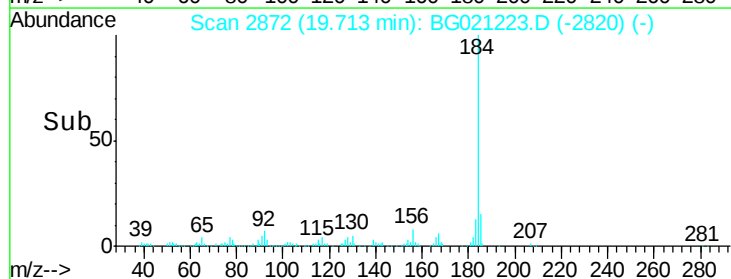
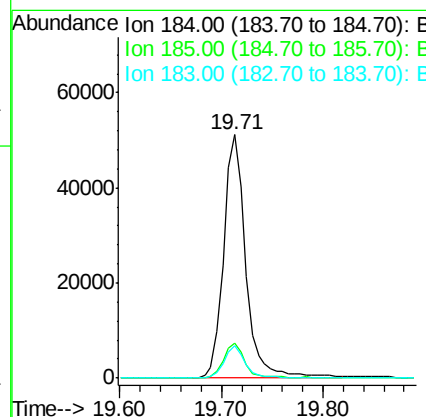
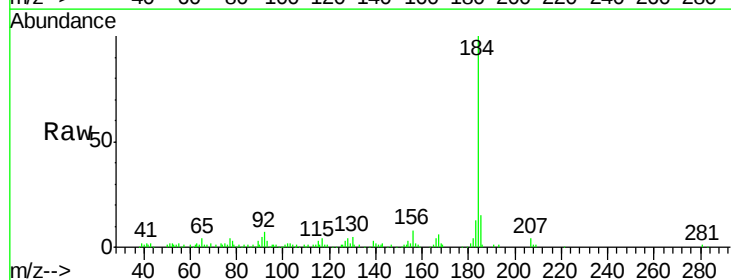
Manual Integrations
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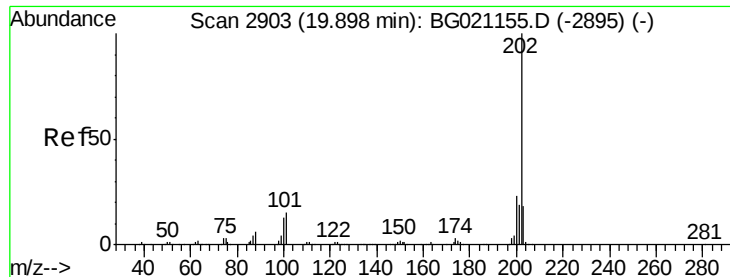
Sohil
3/3/2016 8:23:25 AM



#76
Benzidine
Concen: 36.56 ng
RT: 19.71 min Scan# 2872
Delta R.T. 0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.5	17.3
183	13.2	10.1	15.1





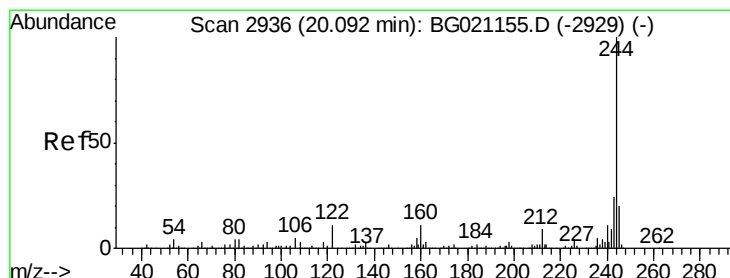
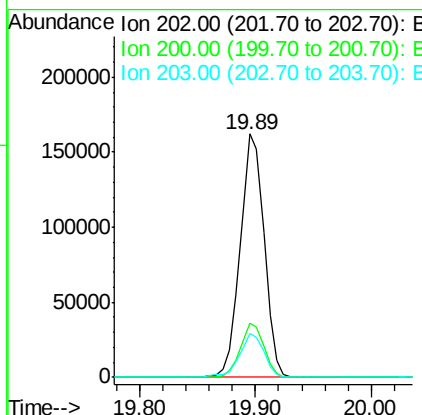
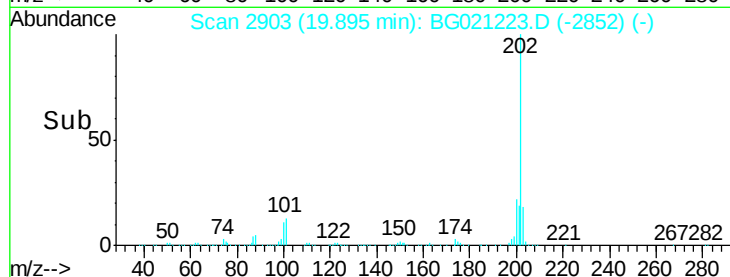
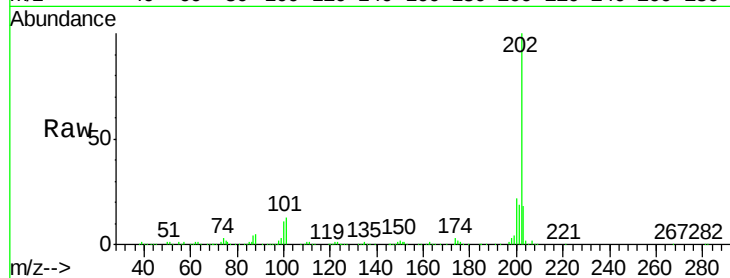
#77
Pvrene
Concen: 51.21 ng
RT: 19.89 min Scan# 2903
Delta R.T. -0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	22.3	16.6	25.0		
203	17.8	13.8	20.8		

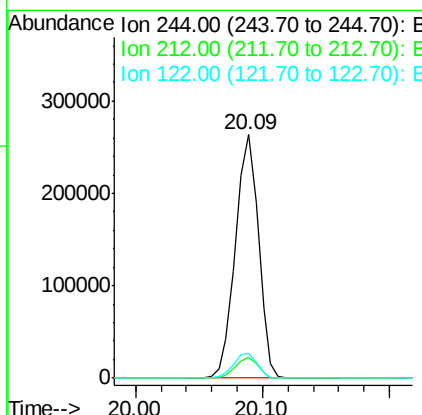
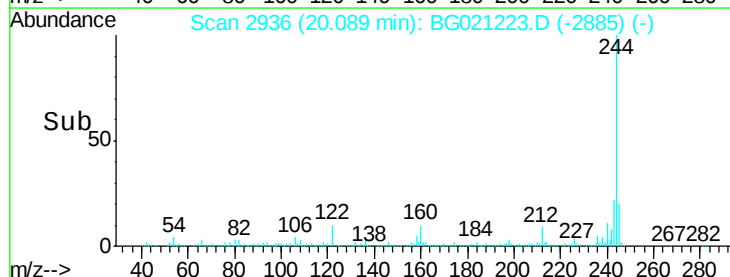
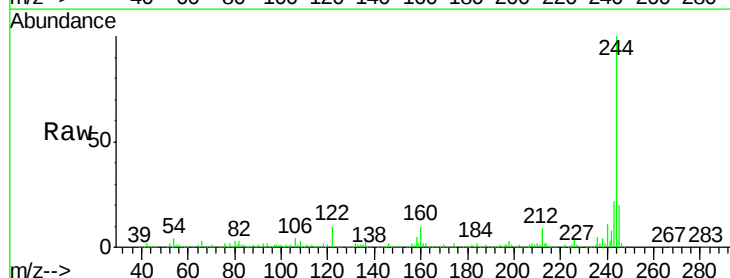
Manual Integrations
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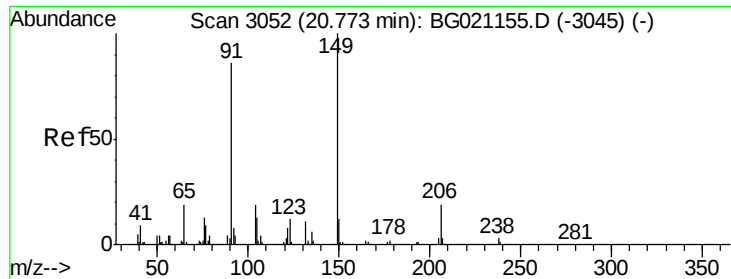
Sohil
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#78
Terphenyl-d14
Concen: 104.87 ng
RT: 20.09 min Scan# 2936
Delta R.T. -0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	8.5	5.8	8.6		
122	10.0	8.3	12.5		





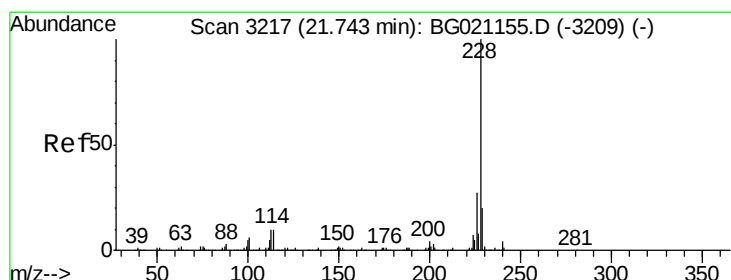
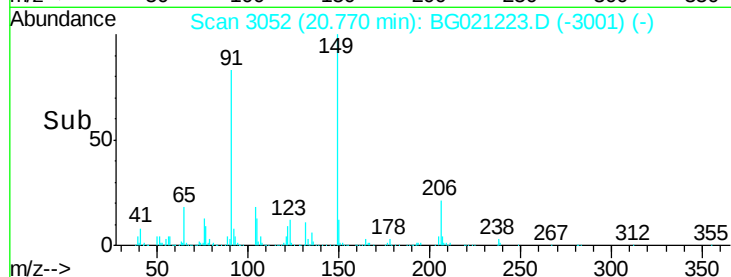
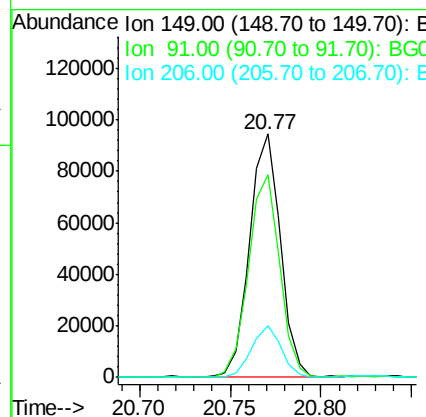
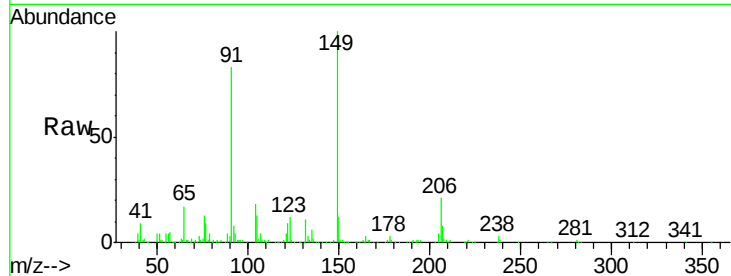
#79
Butylbenzylphthalate
Concen: 47.69 ng
RT: 20.77 min Scan# 3052
Delta R.T. -0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
91	83.1	58.6		87.8	
206	21.0	14.2		21.4	

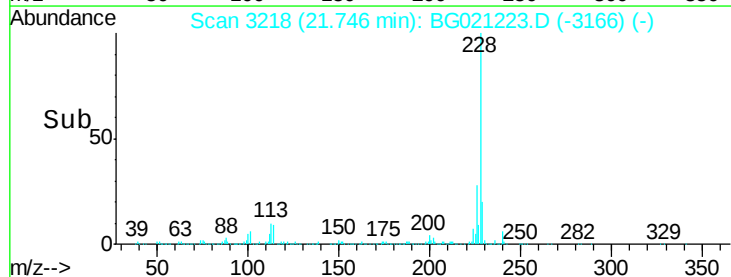
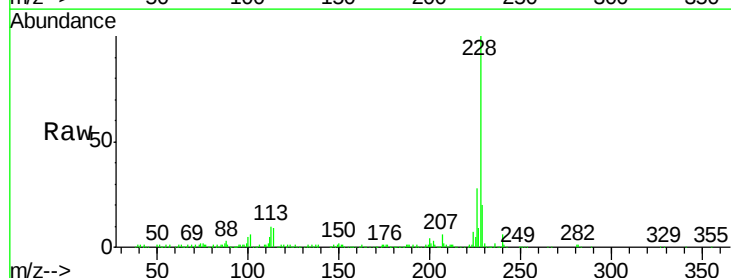
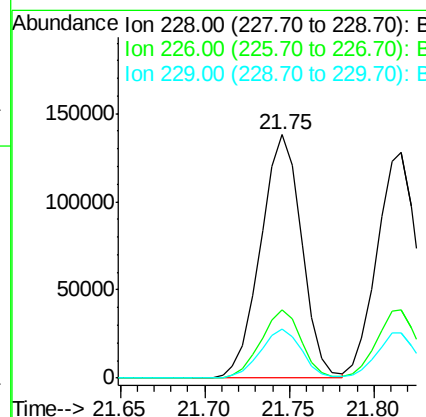
Manual Integrations
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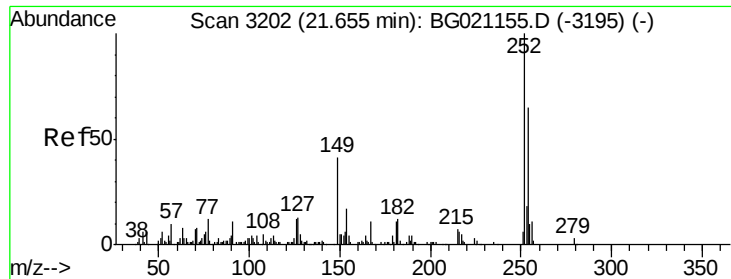
Sohil
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#80
Benzo(a)anthracene
Concen: 51.69 ng
RT: 21.75 min Scan# 3218
Delta R.T. 0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	27.8	22.7		34.1	
229	20.3	15.5		23.3	





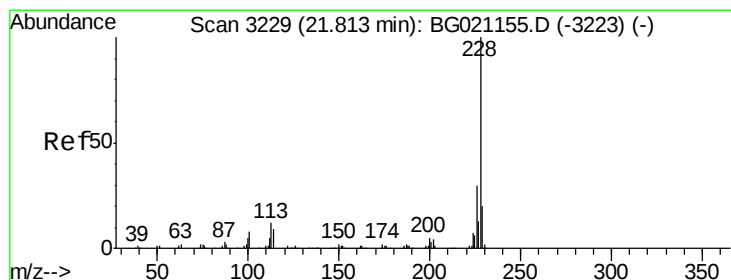
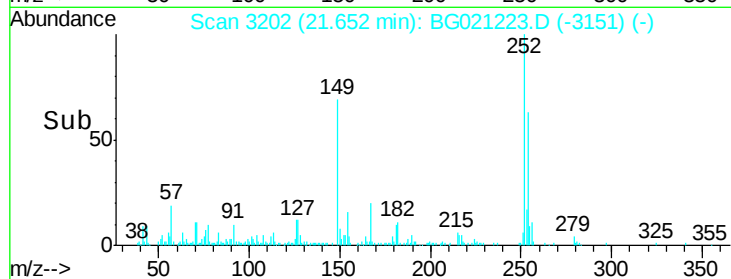
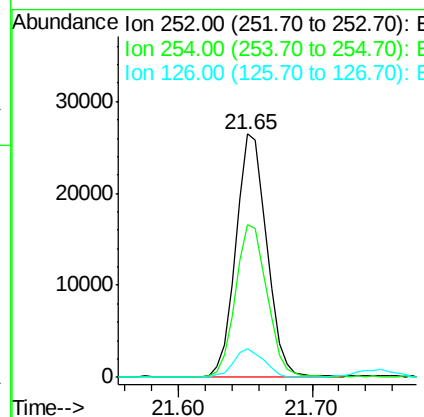
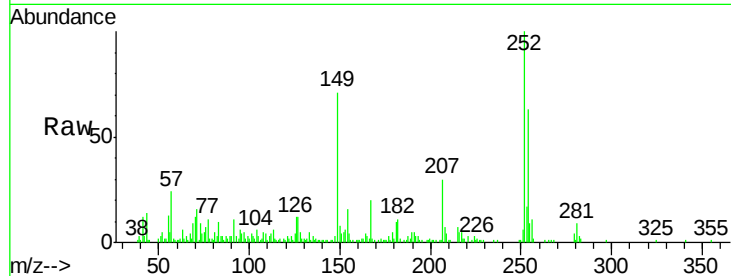
#81
 3,3'-Dichlorobenzidine
 Concen: 25.08 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.00 min
 Lab File: BG021223.D
 Acq: 2 Mar 2016 21:39

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	52.6	79.0
126	11.8	8.3	12.5

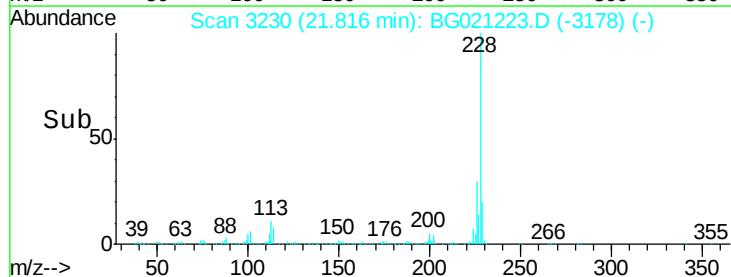
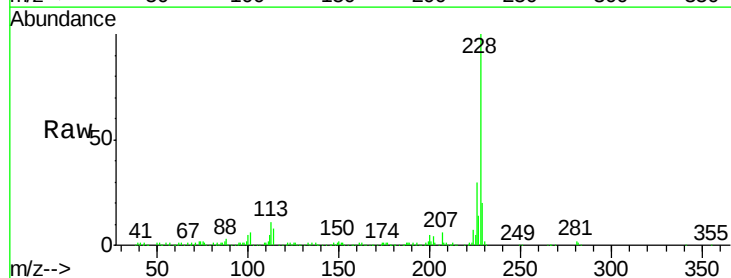
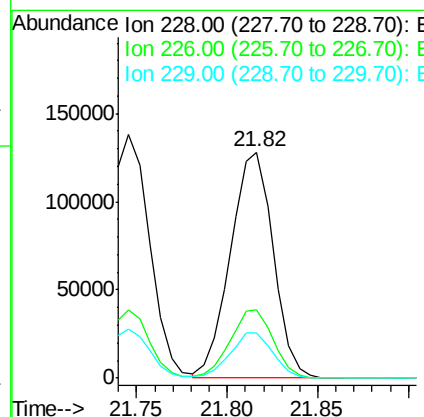
Manual Integrations
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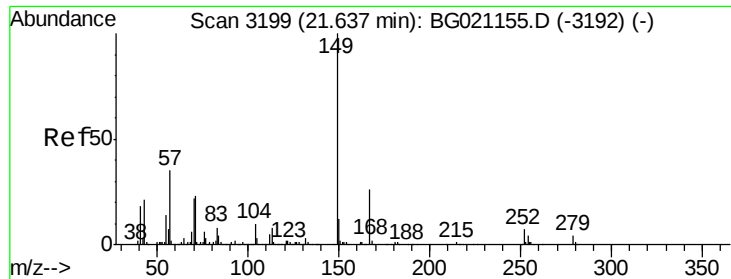
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#82
 Chrysene
 Concen: 49.03 ng
 RT: 21.82 min Scan# 3230
 Delta R.T. 0.00 min
 Lab File: BG021223.D
 Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	19.8	16.7	25.1





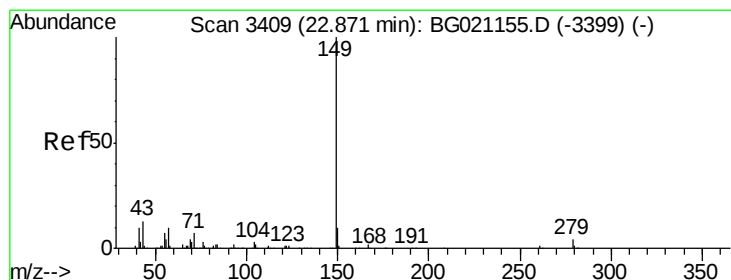
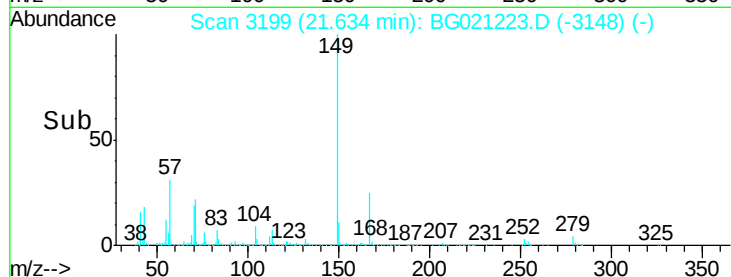
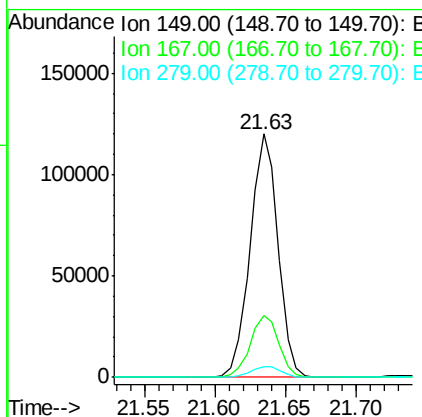
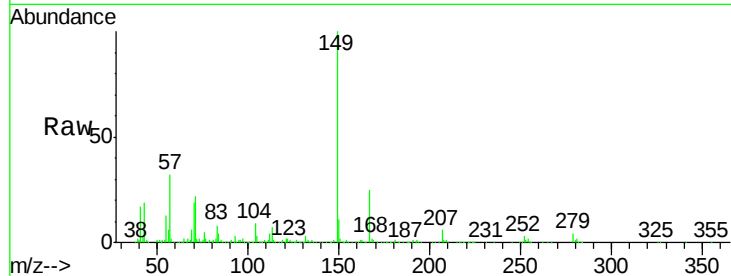
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.64 ng
 RT: 21.63 min Scan# 3199
 Delta R.T. -0.00 min
 Lab File: BG021223.D
 Acq: 2 Mar 2016 21:39

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.2	18.9	28.3
279	4.4	3.0	4.6

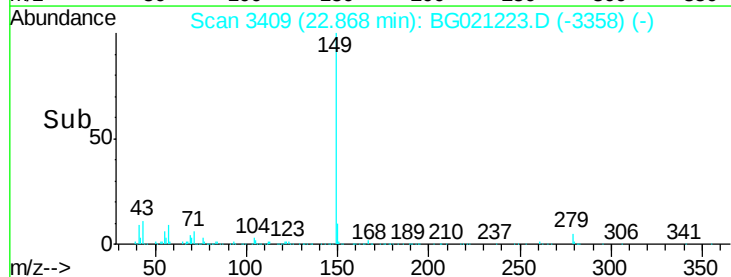
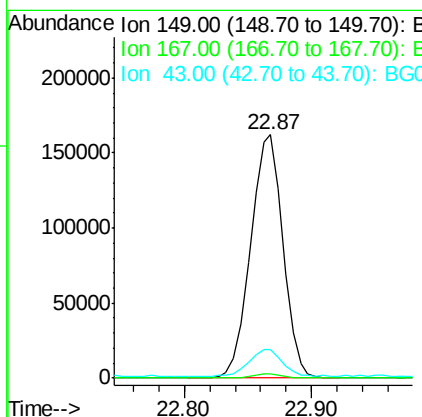
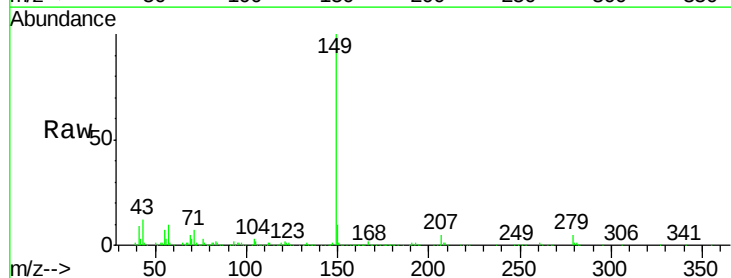
Manual Integrations
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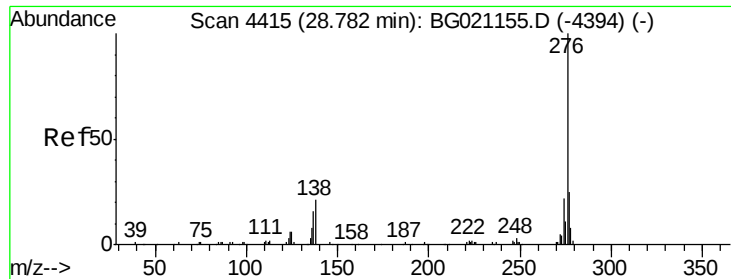
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 3/3/2016 8:23:25 AM



#84
 Di-n-octyl phthalate
 Concen: 50.34 ng
 RT: 22.87 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: BG021223.D
 Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.1	1.7#
43	11.1	9.8	14.8





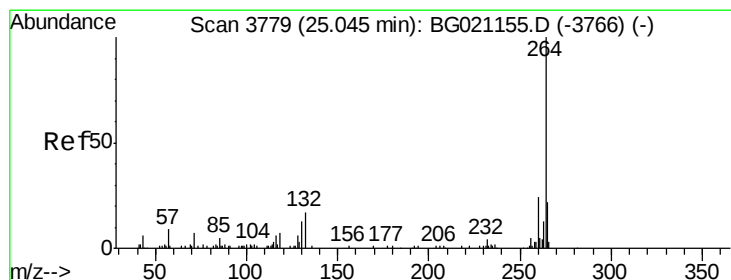
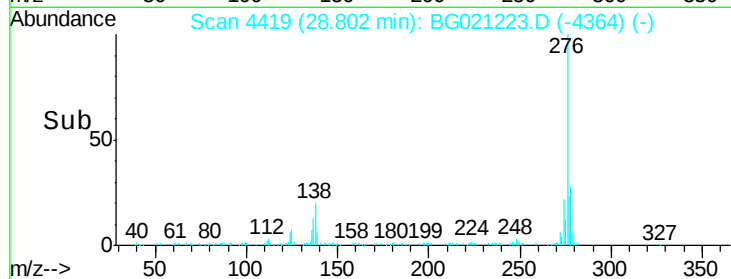
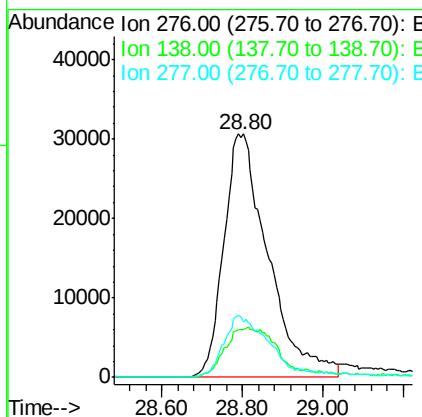
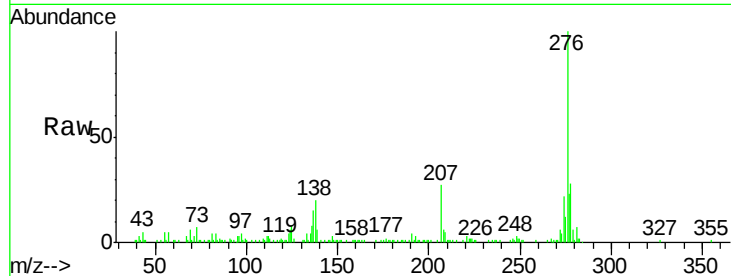
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.92 ng
RT: 28.80 min Scan# 4419
Delta R.T. 0.02 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.2	16.0	24.0#
277	0.0	16.0	24.0#

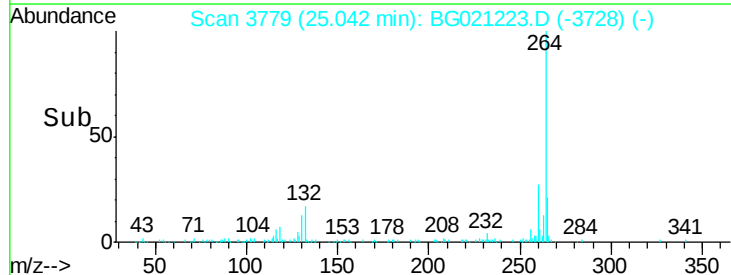
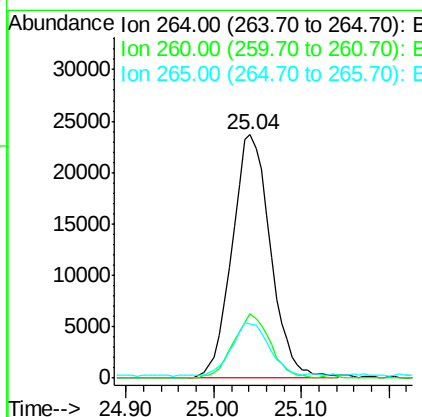
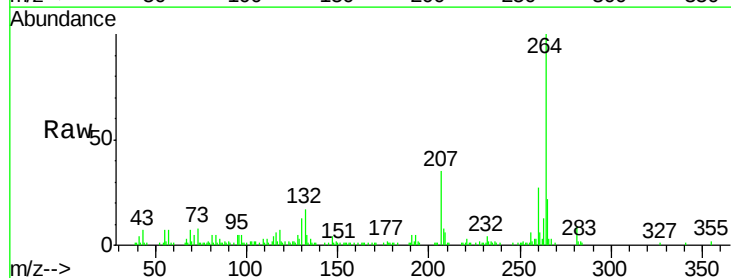
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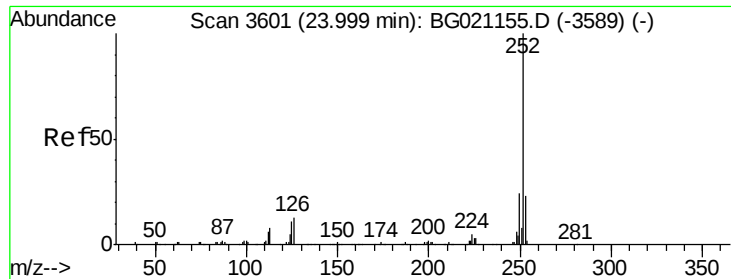
Sohil
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3779
Delta R.T. -0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.5	18.5	27.7
265	22.2	18.6	28.0





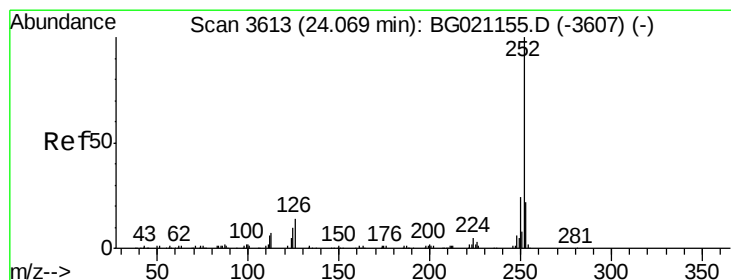
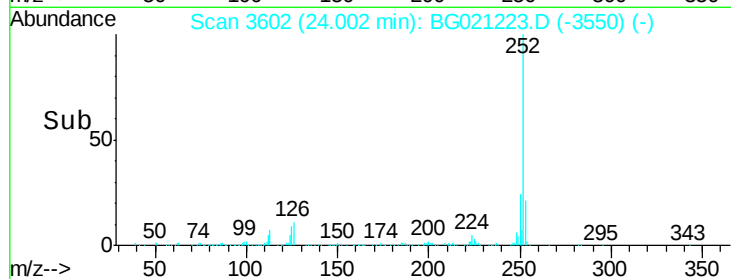
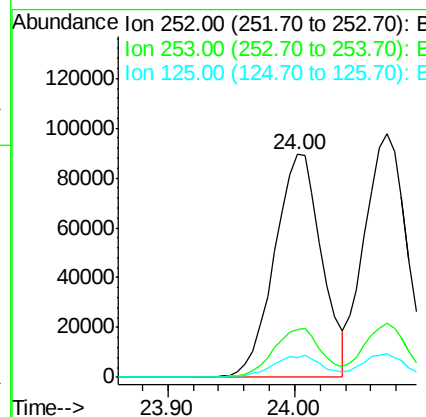
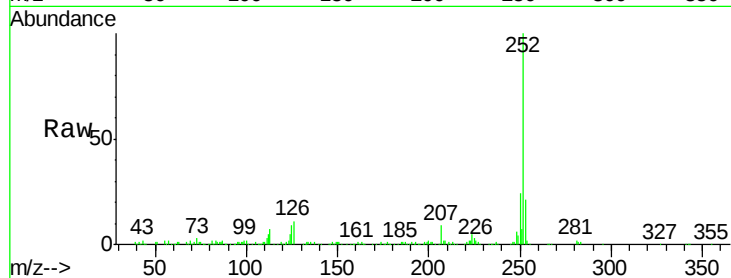
#87
Benzo(b)fluoranthene
Concen: 52.11 ng
RT: 24.00 min Scan# 3602
Delta R.T. 0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	16.8	25.2
125	9.0	8.2	12.2

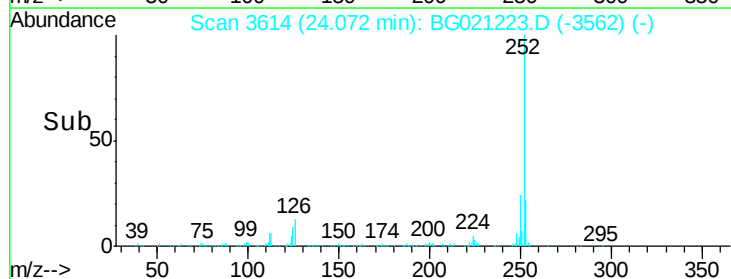
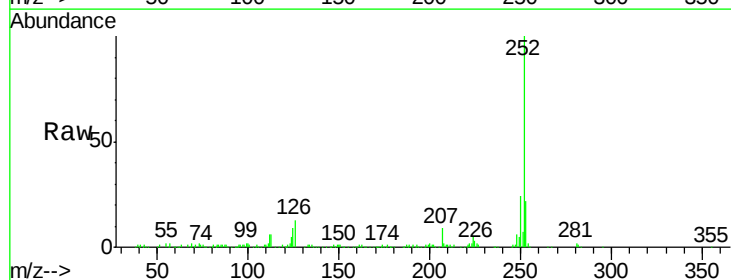
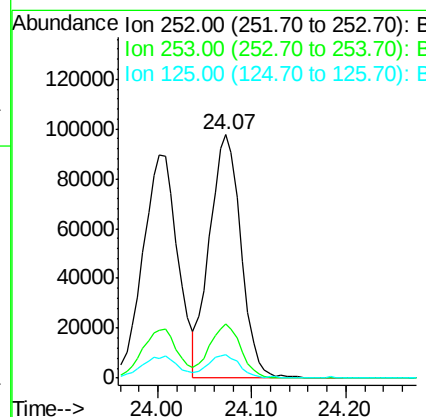
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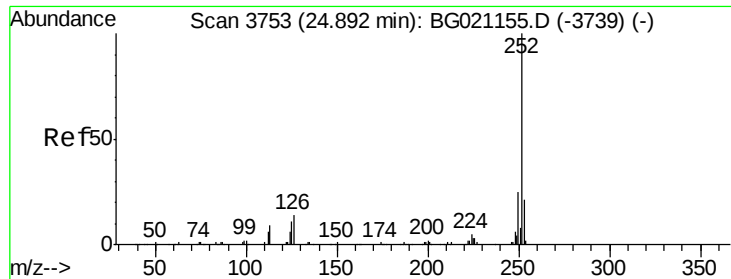
Sohil
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#88
Benzo(k)fluoranthene
Concen: 51.25 ng
RT: 24.07 min Scan# 3614
Delta R.T. 0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	16.4	24.6
125	9.4	8.2	12.2





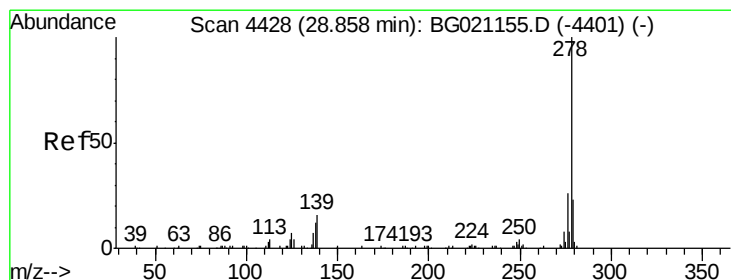
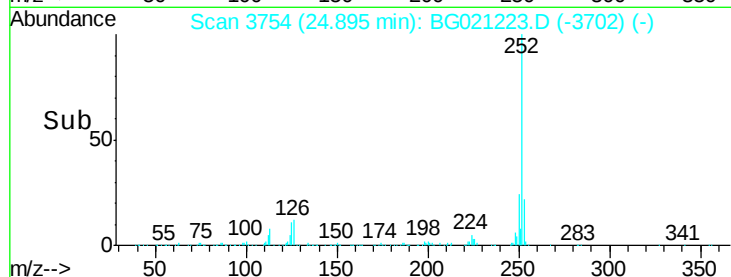
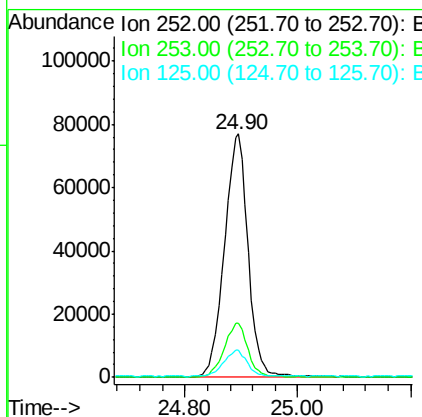
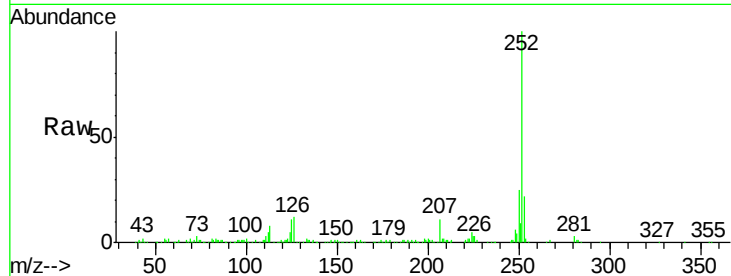
#89
Benzo(a)pyrene
Concen: 52.33 ng
RT: 24.90 min Scan# 3754
Delta R.T. 0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Instrument :
BNA_G
ClientSampleId :
EAST-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	15.8	23.8
125	11.1	8.4	12.6

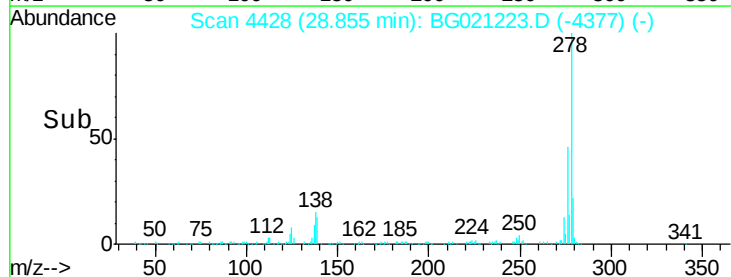
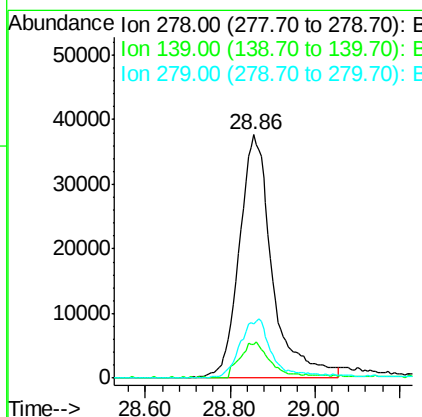
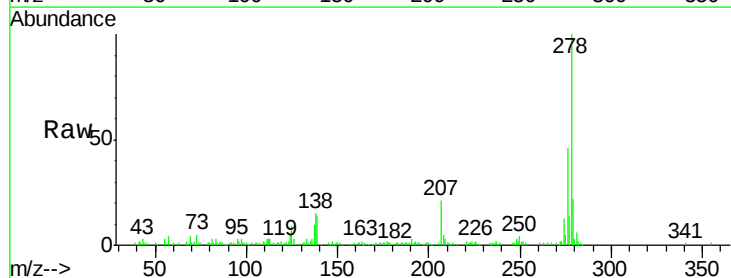
Manual Integrations
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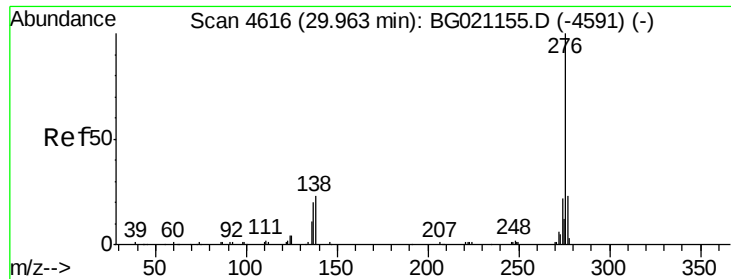
Sohil
3/3/2016 8:23:25 AM



#90
Dibenzo(a,h)anthracene
Concen: 48.00 ng
RT: 28.86 min Scan# 4428
Delta R.T. -0.00 min
Lab File: BG021223.D
Acq: 2 Mar 2016 21:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	10.6	15.8
279	22.4	19.7	29.5





#91
 Benzo(a,h,i)perylene
 Concen: 42.13 ng
 RT: 29.97 min Scan# 4618
 Delta R.T. 0.01 min
 Lab File: BG021223.D
 Acq: 2 Mar 2016 21:39

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MSD

Tot Ion:	276	Resp:	173498
Ion Ratio		Lower	Upper
276	100		
277	24.1	16.6	25.0
138	19.5	14.6	21.8

Manual Integrations
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Sohil
 3/3/2016 8:23:25 AM

