

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
 Data File : BG021222.D
 Acq On : 2 Mar 2016 21:00
 Operator : UM/SJ
 Sample : H1640-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MS

Manual Integrations
 APPROVED

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 3/3/2016 6:08:40 PM

Quant Time: Mar 03 13:58:41 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	10391	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	52726	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	30663	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	67870	20.00	ng	0.00
75) Chrysene-d12	21.77	240	74841	20.00	ng	0.00
86) Perylene-d12	25.05	264	71143	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	104028	159.16	ng	0.00
7) Phenol-d6	7.30	99	169503	157.71	ng	0.00
23) Nitrobenzene-d5	9.31	82	118567	95.16	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	53026	166.21	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	211279	97.84	ng	0.00
78) Terphenyl-d14	20.09	244	311012	100.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	9568	32.59	ng	89
3) Pyridine	3.99	79	32657	35.20	ng	97
4) n-Nitrosodimethylamine	3.90	42	17534	37.51	ng	98
6) Aniline	7.47	93	32919	23.11	ng	# 86
8) 2-Chlorophenol	7.71	128	42351	52.85	ng	86
9) Benzaldehyde	7.29	77	6004	8.94	ng	82
10) Phenol	7.33	94	62302	54.38	ng	85
11) bis(2-Chloroethyl)ether	7.56	93	41266	46.73	ng	95
12) 1,3-Dichlorobenzene	8.03	146	38840	47.27	ng	# 92
13) 1,4-Dichlorobenzene	8.18	146	40230	47.56	ng	97
14) 1,2-Dichlorobenzene	8.50	146	40194	49.82	ng	97
15) Benzyl Alcohol	8.38	79	50992	51.96	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.67	45	60947	39.98	ng	95
17) 2-Methylphenol	8.58	107	42477	53.58	ng	# 91
18) Hexachloroethane	9.23	117	15988	45.13	ng	# 90
19) n-Nitroso-di-n-propylamine	8.95	70	42251	42.55	ng	94
20) 3+4-Methylphenols	8.91	107	58538	52.14	ng	94
22) Acetophenone	8.97	105	69579	44.35	ng	# 94
24) Nitrobenzene	9.35	77	64130	47.16	ng	# 88
25) Isophorone	9.88	82	116261	43.05	ng	96
26) 2-Nitrophenol	10.06	139	26053	52.59	ng	# 66
27) 2,4-Dimethylphenol	10.12	122	45245	50.91	ng	93
28) bis(2-Chloroethoxy)methane	10.35	93	59908	47.79	ng	98
29) 2,4-Dichlorophenol	10.60	162	44186	55.19	ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	42163	52.21	ng	96
31) Naphthalene	11.01	128	137531	50.03	ng	99
32) Benzoic acid	10.19	122	3741	10.06	ng	87
33) 4-Chloroaniline	11.11	127	17612	13.89	ng	# 90
34) Hexachlorobutadiene	11.29	225	25369	51.61	ng	92
35) Caprolactam	11.93	113	17304m	44.33	ng	
36) 4-Chloro-3-methylphenol	12.23	107	58703	48.33	ng	86
37) 2-Methylnaphthalene	12.60	142	102031	52.13	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	50866	55.25	ng	98
40) Hexachlorocyclopentadiene	12.94	237	38499	76.25	ng	97

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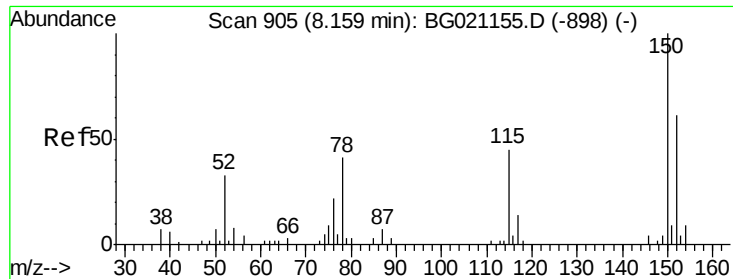
Manual Integrations
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Quant Time: Mar 03 13:58:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 11:46:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	39607	57.27	nq	98
43) 2,4,5-Trichlorophenol	13.27	196	42094	56.92	nq	94
45) 1,1'-Biphenyl	13.60	154	128077	50.78	nq	96
46) 2-Chloronaphthalene	13.64	162	100989	53.35	nq	97
47) 2-Nitroaniline	13.84	65	44765	48.52	nq	# 78
48) Acenaphthylene	14.48	152	162360	50.66	nq	99
49) Dimethylphthalate	14.21	163	182526	66.80	nq	# 98
50) 2,6-Dinitrotoluene	14.33	165	29698	51.94	nq	# 70
51) Acenaphthene	14.82	154	97375	47.86	nq	98
52) 3-Nitroaniline	14.66	138	21611	34.06	nq	# 71
53) 2,4-Dinitrophenol	14.86	184	12134	41.00	nq	85
54) Dibenzofuran	15.16	168	148270	54.57	nq	92
55) 4-Nitrophenol	14.97	139	51975	98.79	nq	# 64
56) 2,4-Dinitrotoluene	15.12	165	41913	50.89	nq	# 86
57) Fluorene	15.80	166	126606	48.91	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	34379	58.12	nq	# 97
59) Diethylphthalate	15.56	149	138730	45.93	nq	97
60) 4-Chlorophenyl-phenylether	15.79	204	63347	49.02	nq	97
61) 4-Nitroaniline	15.82	138	31090	45.89	nq	# 64
62) Azobenzene	16.08	77	155166	47.83	nq	94
64) 4,6-Dinitro-2-methylphenol	15.88	198	17466	38.23	nq	90
65) n-Nitrosodiphenylamine	16.00	169	114368	54.80	nq	94
66) 4-Bromophenyl-phenylether	16.69	248	37178	52.41	nq	92
67) Hexachlorobenzene	16.80	284	37770	54.86	nq	# 92
68) Atrazine	16.95	200	42920	60.06	nq	98
69) Pentachlorophenol	17.14	266	48989	108.92	nq	94
70) Phenanthrene	17.54	178	187634	51.23	nq	99
71) Anthracene	17.63	178	192755	51.43	nq	98
72) Carbazole	17.90	167	180038	54.17	nq	96
73) Di-n-butylphthalate	18.44	149	229196	49.05	nq	# 98
74) Fluoranthene	19.54	202	217478	50.54	nq	98
76) Benzidine	19.71	184	78991	37.72	nq	99
77) Pyrene	19.90	202	222203	49.77	nq	98
79) Butylbenzylphthalate	20.77	149	106461	46.72	nq	88
80) Benzo(a)anthracene	21.74	228	225292	50.85	nq	98
81) 3,3'-Dichlorobenzidine	21.66	252	43677	26.05	nq	97
82) Chrysene	21.82	228	201906	48.08	nq	98
83) Bis(2-ethylhexyl)phthalate	21.64	149	158977	47.60	nq	# 94
84) Di-n-octyl phthalate	22.87	149	276917	49.78	nq	# 97
85) Indeno(1,2,3-cd)pyrene	28.80	276	223074	46.33	nq	# 83
87) Benzo(b)fluoranthene	24.01	252	224344	50.13	nq	97
88) Benzo(k)fluoranthene	24.07	252	212147	47.34	nq	97
89) Benzo(a)pyrene	24.89	252	213701	49.39	nq	96
90) Dibenzo(a,h)anthracene	28.86	278	197912	46.24	nq	97
91) Benzo(g,h,i)perylene	29.99	276	158241m	38.27	nq	

(#) = 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. -0.02 min

Lab File: BG021222.D

Acq: 2 Mar 2016 21:00

Instrument :

BNA_G

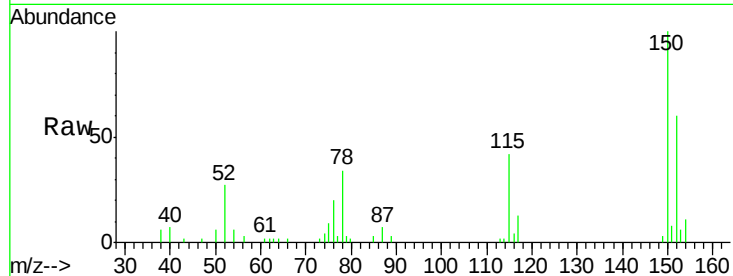
ClientSampleId :

EAST-1MS

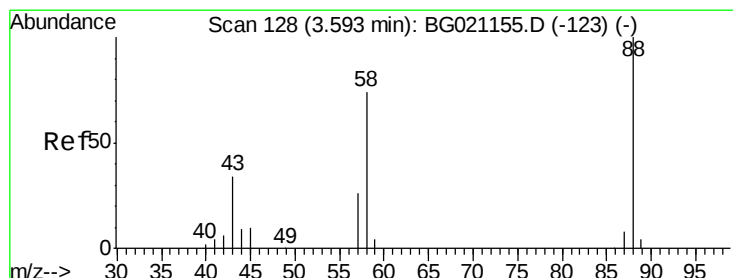
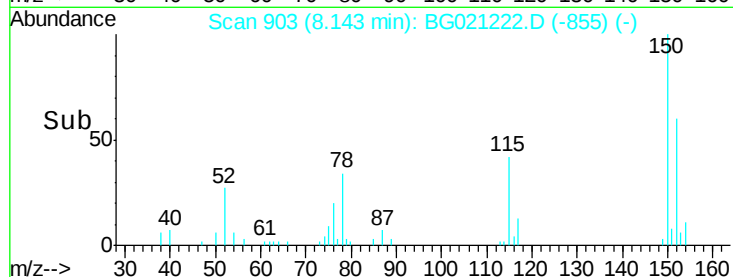
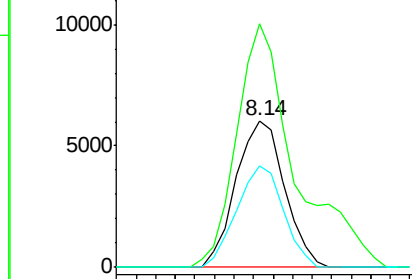
Tot Ion:	152	Resp:	10391
Ion Ratio	Lower	Upper	
152	100		
150	166.1	123.4	185.2
115	69.7	43.3	64.9

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



#2

1,4-Dioxane

Concen: 32.59 ng

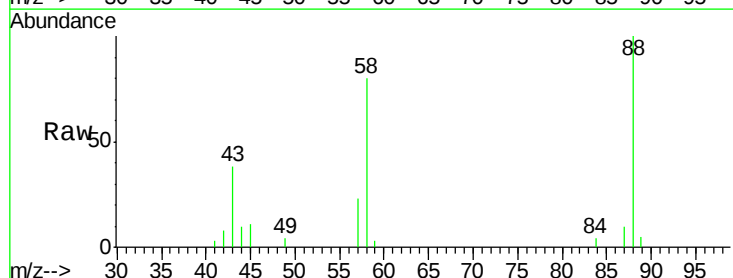
RT: 3.58 min Scan# 126

Delta R.T. -0.02 min

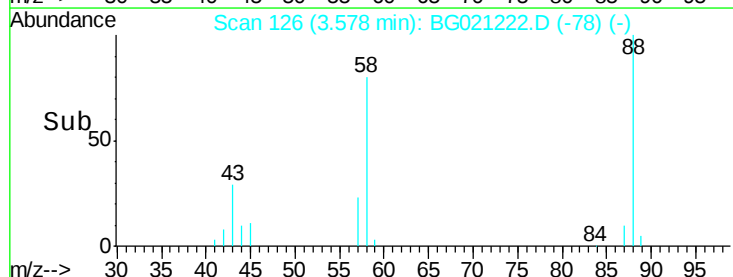
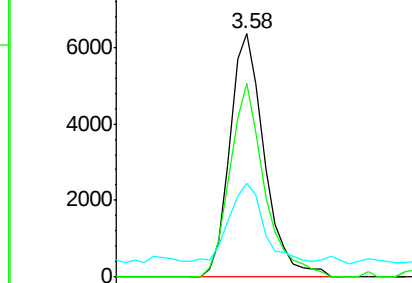
Lab File: BG021222.D

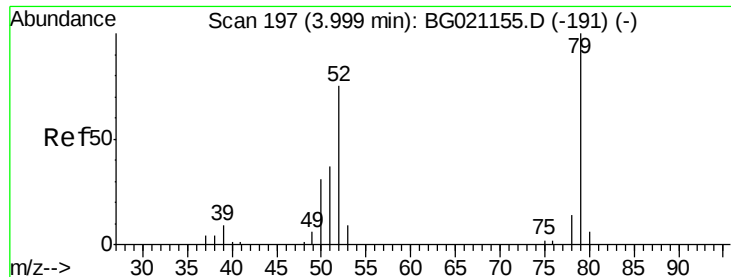
Acq: 2 Mar 2016 21:00

Tgt Ion:	88	Resp:	9568
Ion Ratio	Lower	Upper	
88	100		
58	80.1	55.9	83.9
43	31.5	22.5	33.7



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.20 ng

RT: 3.99 min Scan# 196

Delta R.T. -0.01 min

Lab File: BG021222.D

Acq: 2 Mar 2016 21:00

Instrument :

BNA_G

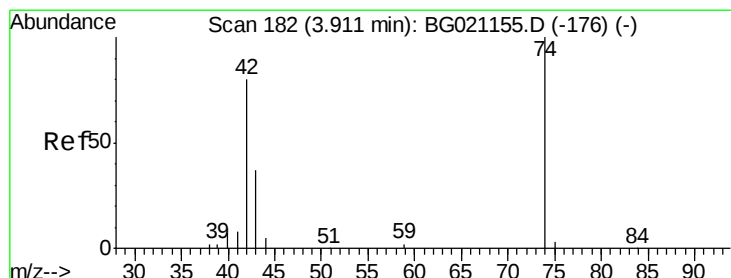
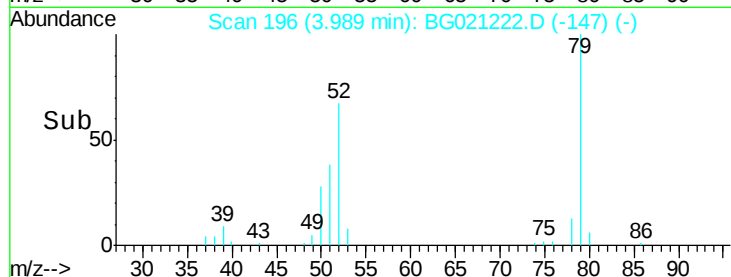
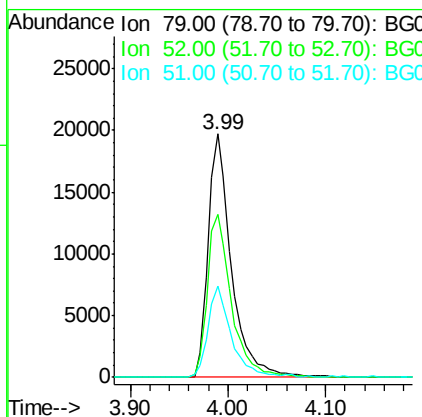
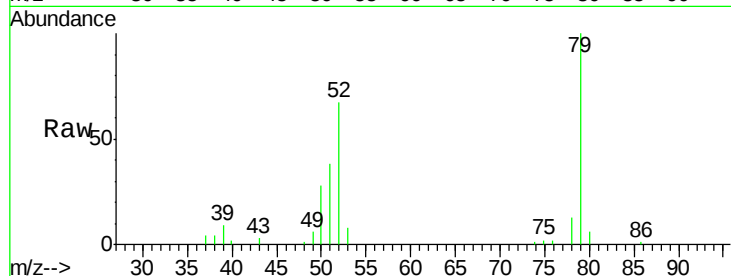
ClientSampleId :

EAST-1MS

Tot Ion:	79	Resp:	32657
Ion	Ratio	Lower	Upper
79	100		
52	66.9	53.2	79.8
51	37.6	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 37.51 ng

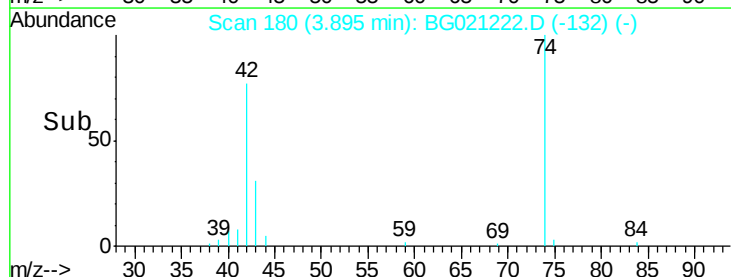
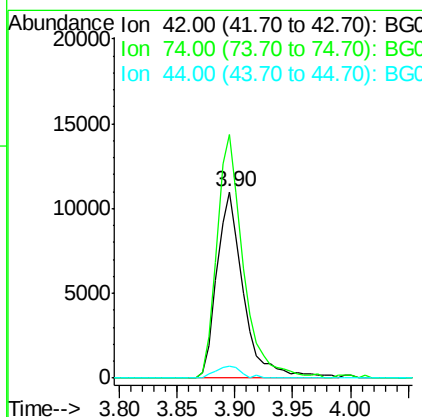
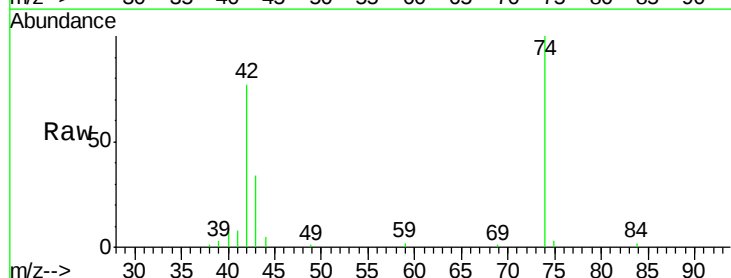
RT: 3.90 min Scan# 180

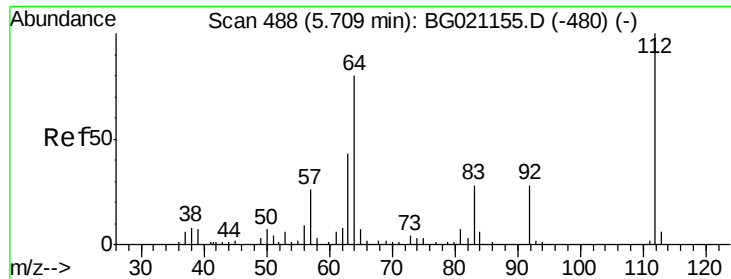
Delta R.T. -0.02 min

Lab File: BG021222.D

Acq: 2 Mar 2016 21:00

Tgt Ion:	42	Resp:	17534
Ion	Ratio	Lower	Upper
42	100		
74	130.5	102.3	153.5
44	6.6	4.8	7.2





#5

2-Fluorophenol

Concen: 159.16 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG021222.D

Acq: 2 Mar 2016 21:00

Instrument :

BNA_G

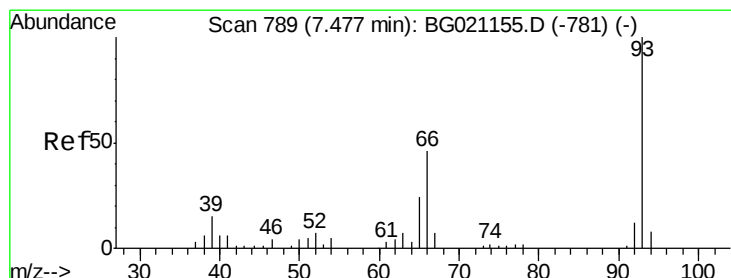
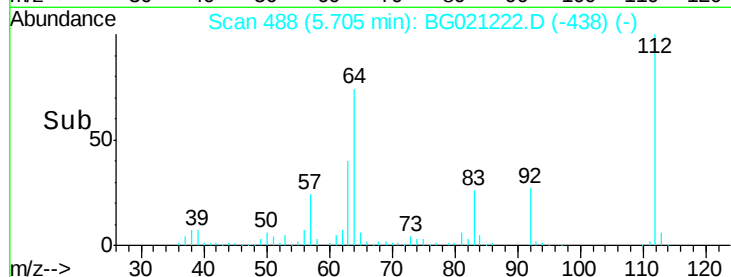
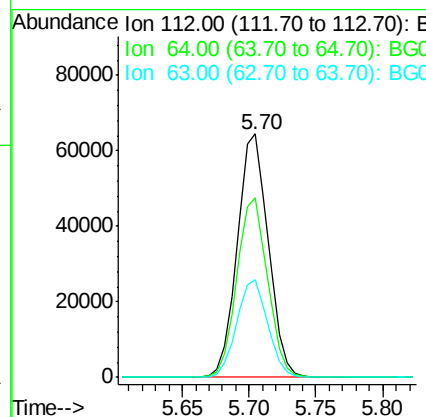
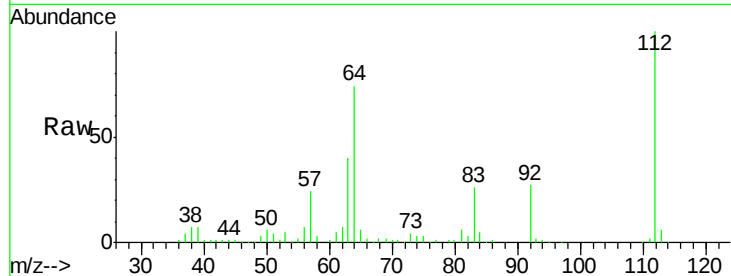
ClientSampleId :

EAST-1MS

Tot Ion:	112	Resp:	104028
Ion Ratio	Lower	Upper	
112	100		
64	73.9	42.6	63.8#
63	40.3	21.7	32.5#

Manual Integrations
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#6

Aniline

Concen: 23.11 ng

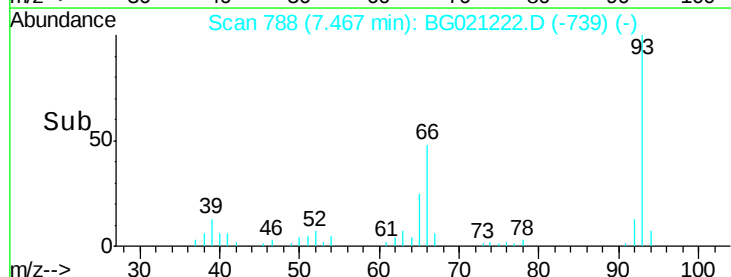
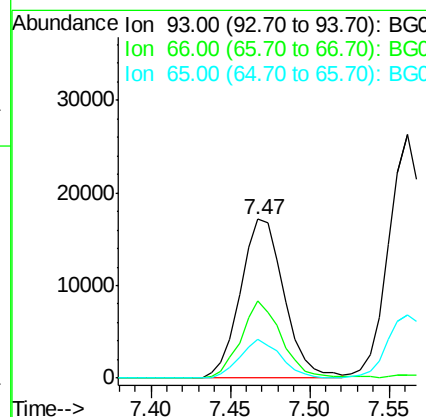
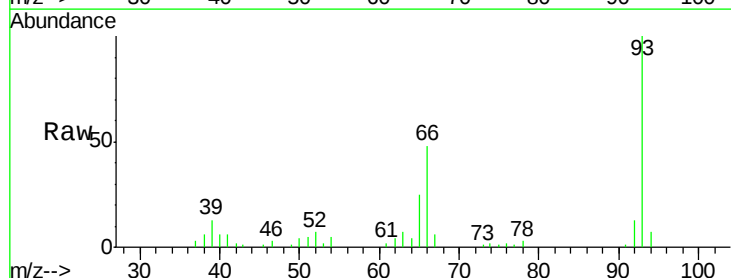
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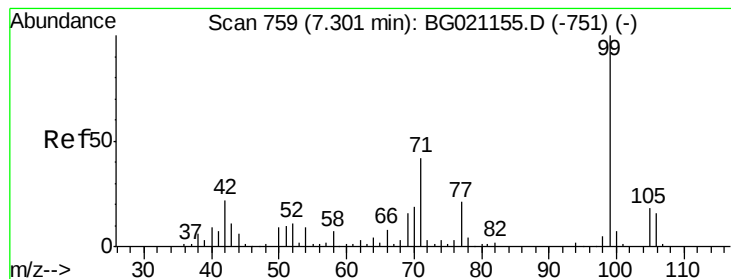
Delta R.T. -0.01 min

Lab File: BG021222.D

Acq: 2 Mar 2016 21:00

Tgt Ion:	93	Resp:	32919
Ion Ratio	Lower	Upper	
93	100		
66	48.3	30.1	45.1#
65	24.5	16.6	24.8





#7

Phenol-d6

Concen: 157.71 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG021222.D

Acq: 2 Mar 2016 21:00

Instrument :

BNA_G

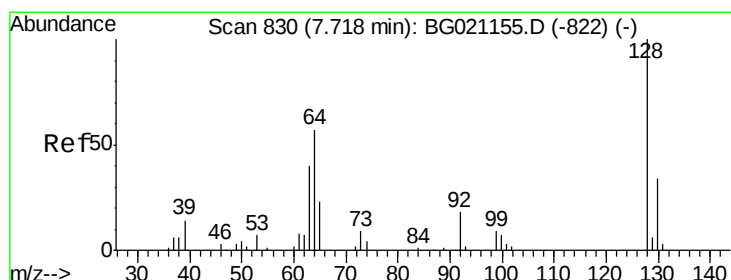
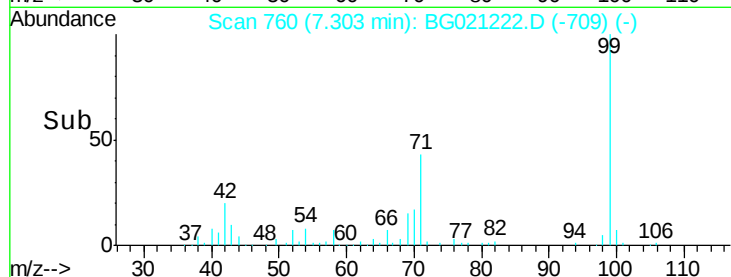
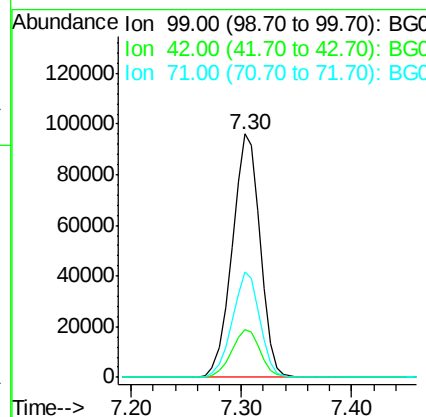
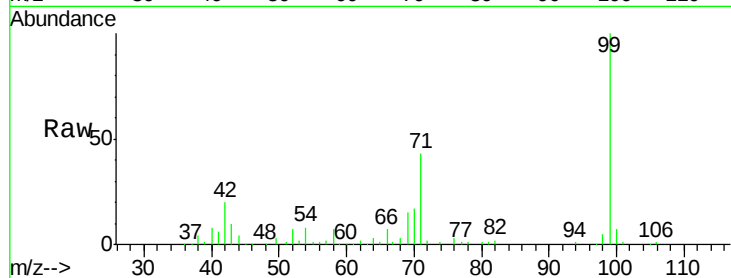
ClientSampleId :

EAST-1MS

Tot Ion:	99	Resp:	169503
Ion Ratio	Lower	Upper	
99	100		
42	19.9	13.2	19.8#
71	43.0	25.2	37.8#

Manual Integrations
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#8

2-Chlorophenol

Concen: 52.85 ng

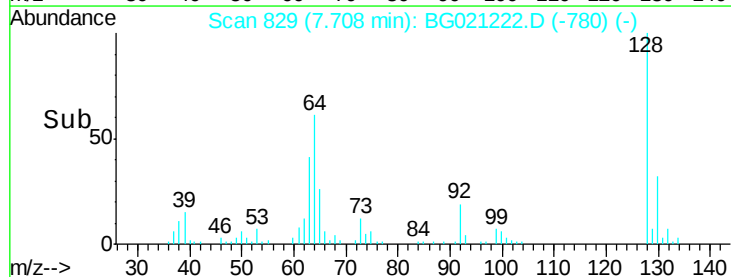
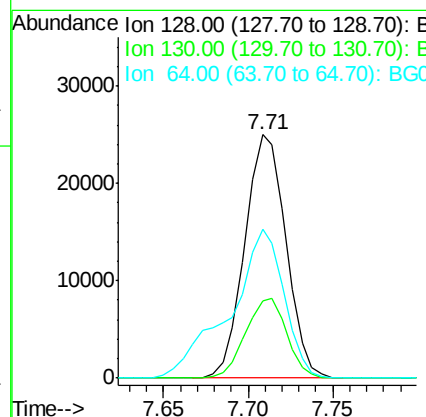
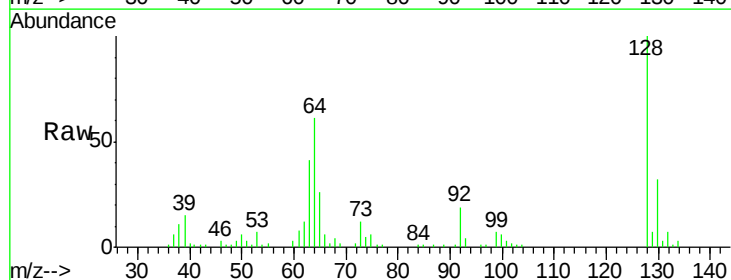
RT: 7.71 min Scan# 829

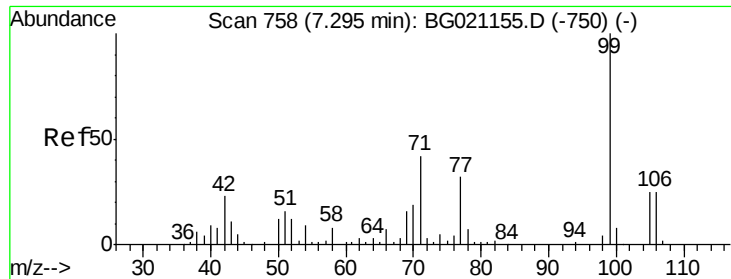
Delta R.T. -0.01 min

Lab File: BG021222.D

Acq: 2 Mar 2016 21:00

Tgt Ion:	128	Resp:	42351
Ion Ratio	Lower	Upper	
128	100		
130	31.9	11.9	51.9
64	61.4	25.8	65.8





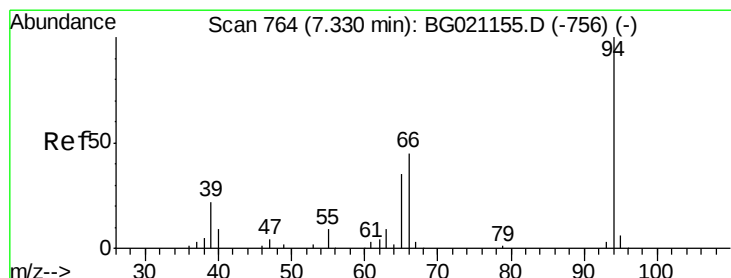
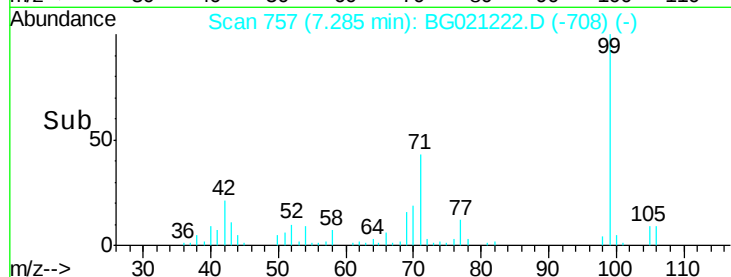
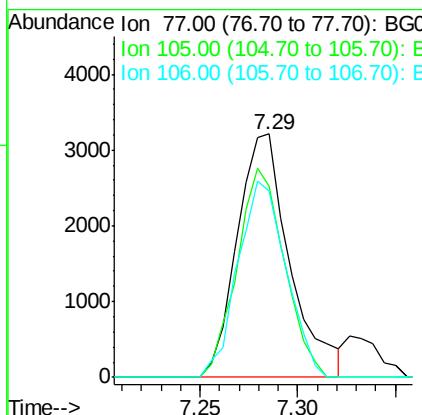
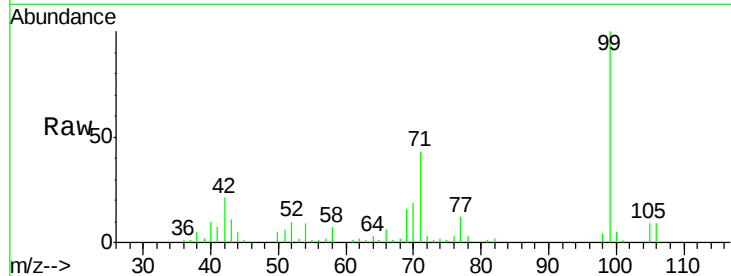
#9
Benzaldehyde
Concen: 8.94 ng
RT: 7.29 min Scan# 757
Delta R.T. -0.01 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Instrument :
BNA_G
ClientSampleId :
EAST-1MS

Tot Ion: 77 Resp: 6004
Ion Ratio Lower Upper
77 100
105 78.6 77.4 117.4
106 76.3 72.8 112.8

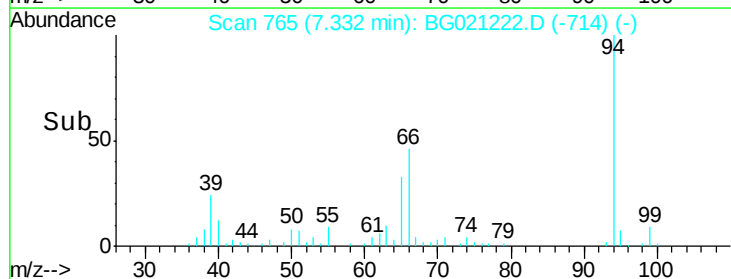
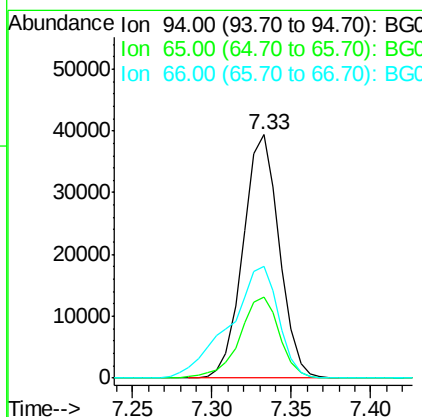
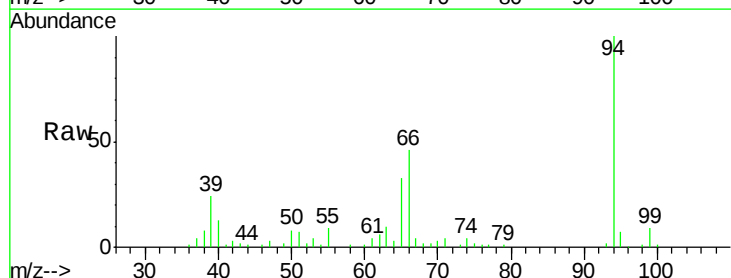
Manual Integrations
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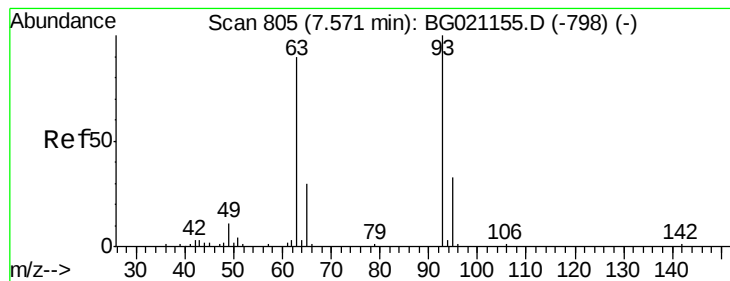
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#10
Phenol
Concen: 54.38 ng
RT: 7.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Tgt Ion: 94 Resp: 62302
Ion Ratio Lower Upper
94 100
65 33.4 7.2 47.2
66 46.0 15.4 55.4





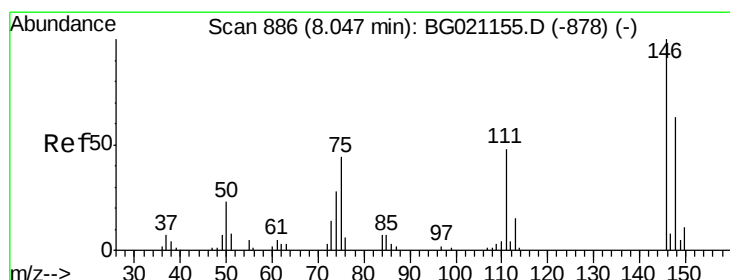
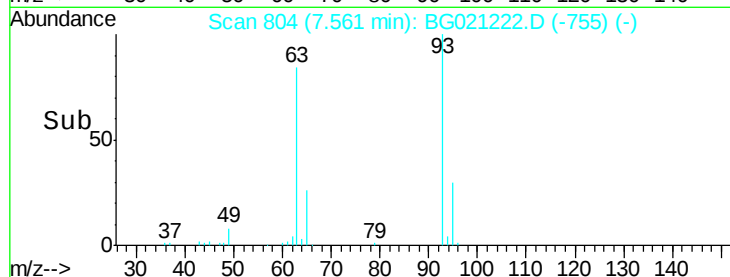
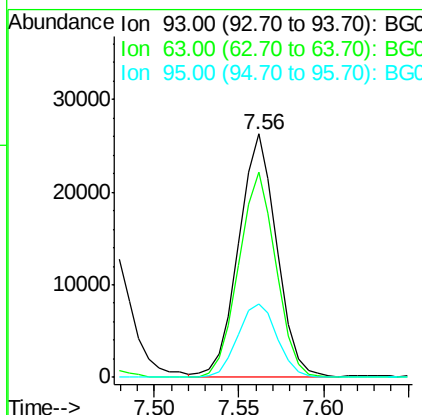
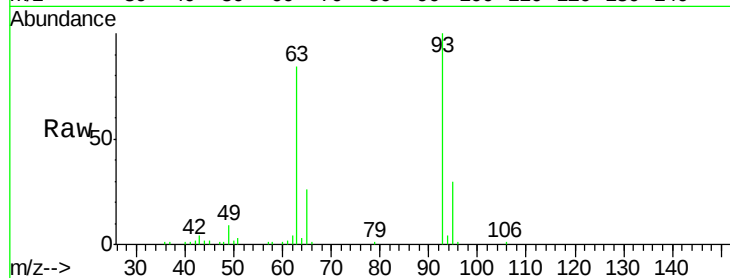
#11
bis(2-Chloroethyl)ether
Concen: 46.73 ng
RT: 7.56 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Instrument :
BNA_G
ClientSampleId :
EAST-1MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.4	60.5	100.5
95	30.3	14.6	54.6

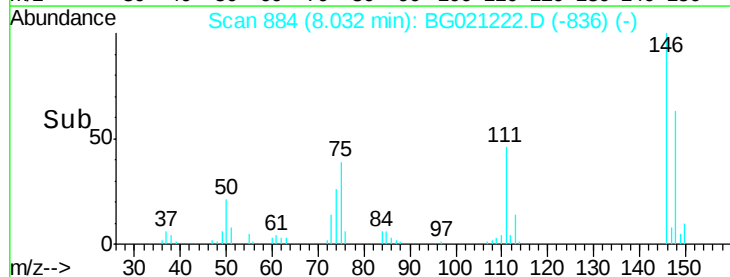
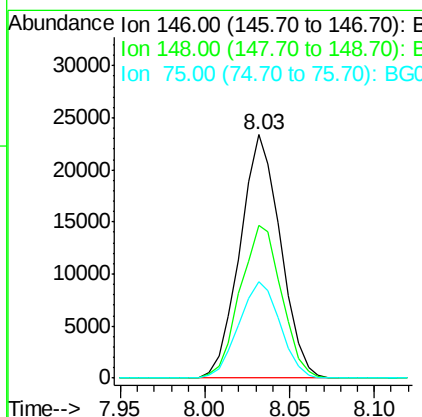
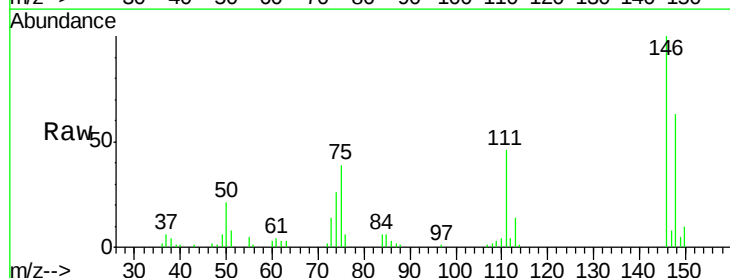
Manual Integrations
APPROVED

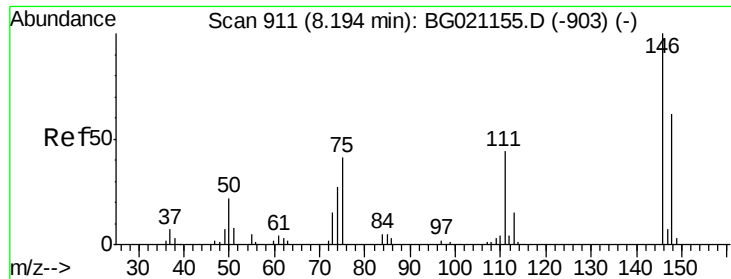
Sohil
3/3/2016 6:08:40 PM



#12
1,3-Dichlorobenzene
Concen: 47.27 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.02 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.6	78.8
75	39.5	24.0	36.0#





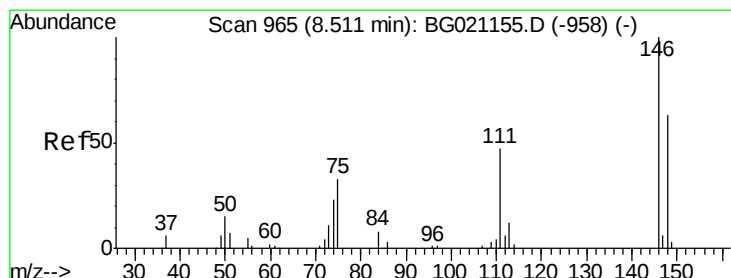
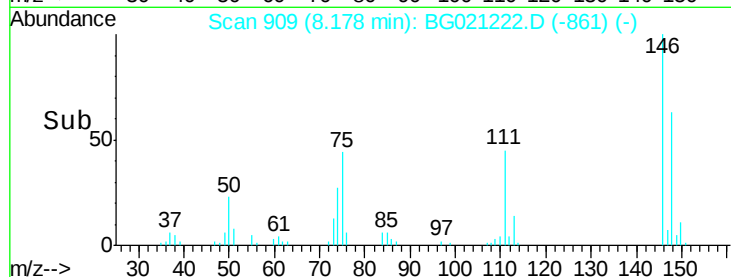
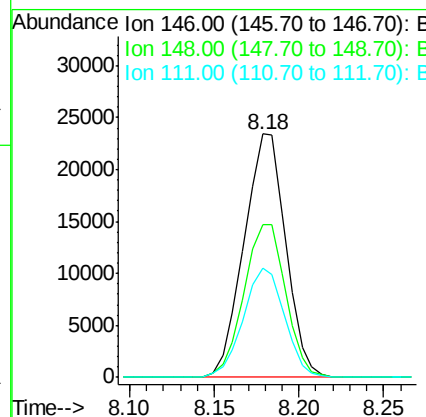
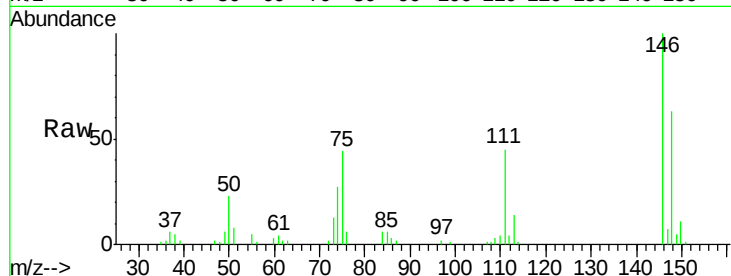
#13
 1,4-Dichlorobenzene
 Concen: 47.56 ng
 RT: 8.18 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.2	75.4
111	45.1	31.9	47.9

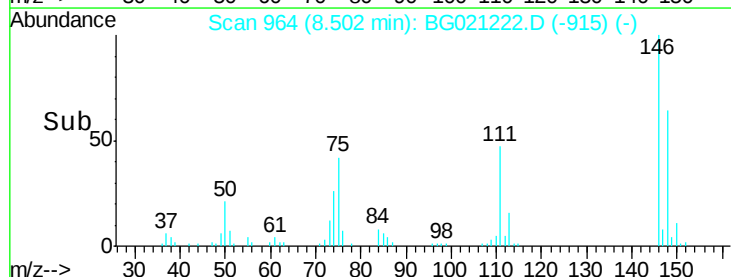
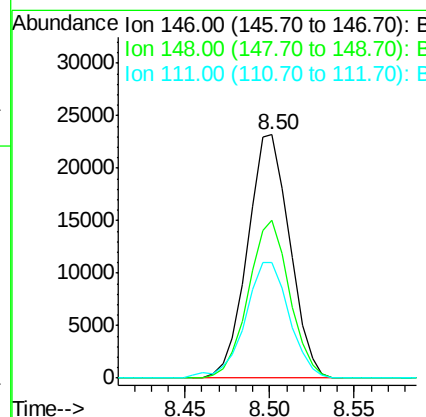
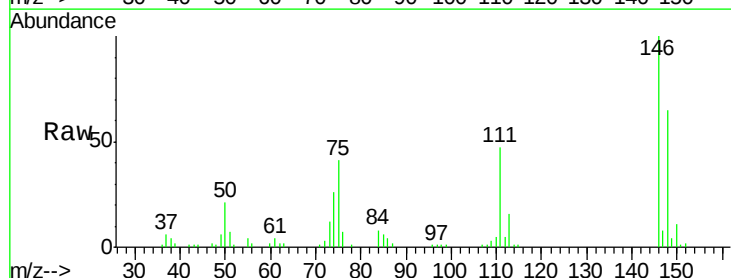
Manual Integrations
 APPROVED

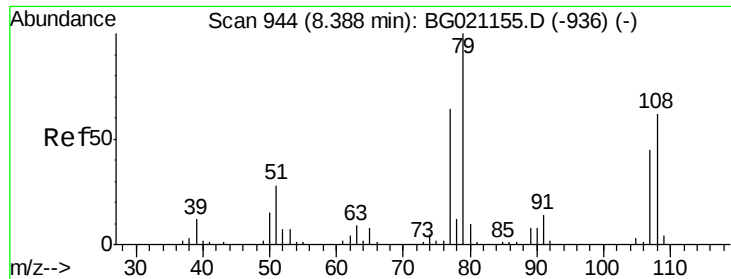
Sohil
 3/3/2016 6:08:40 PM



#14
 1,2-Dichlorobenzene
 Concen: 49.82 ng
 RT: 8.50 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.5	75.7
111	47.5	35.4	53.2





#15

Benzyl Alcohol

Concen: 51.96 ng

RT: 8.38 min Scan# 944

Delta R.T. -0.00 min

Lab File: BG021222.D

Acq: 2 Mar 2016 21:00

Instrument :

BNA_G

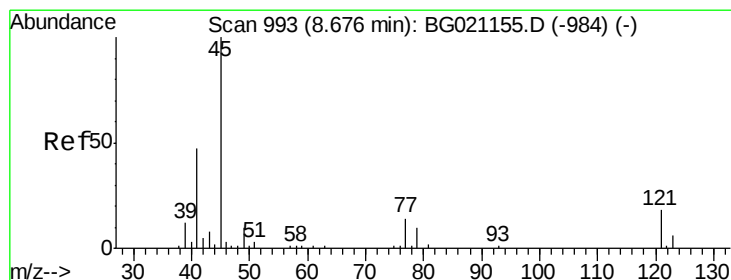
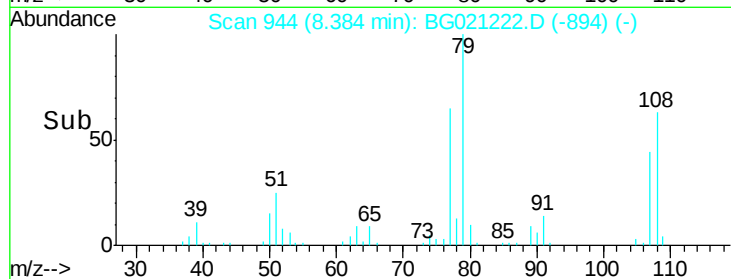
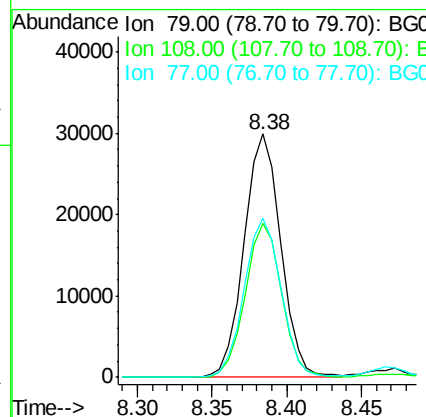
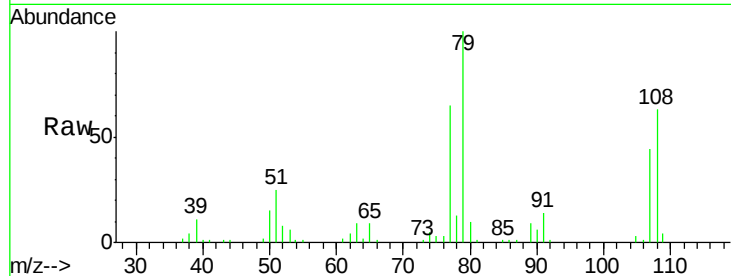
ClientSampled :

EAST-1MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	63.0	65.1	97.7#
77	65.3	53.8	80.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.98 ng

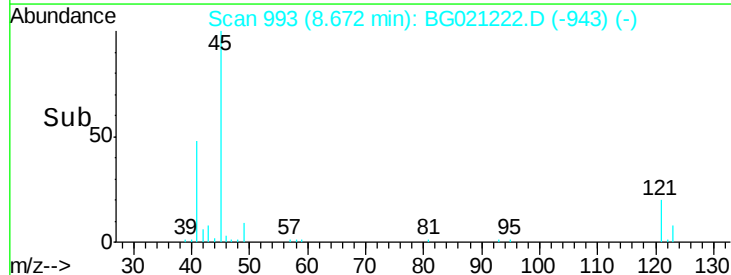
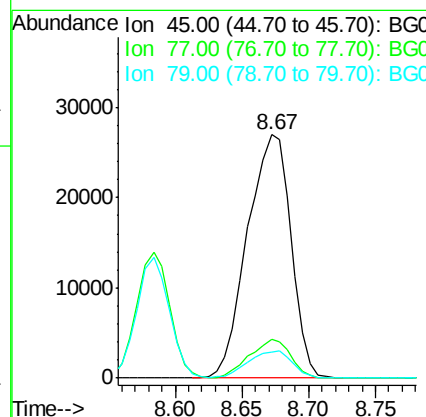
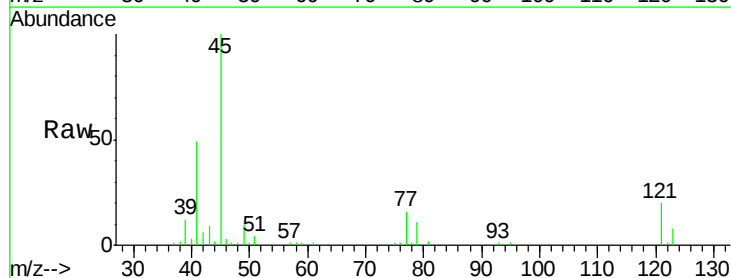
RT: 8.67 min Scan# 993

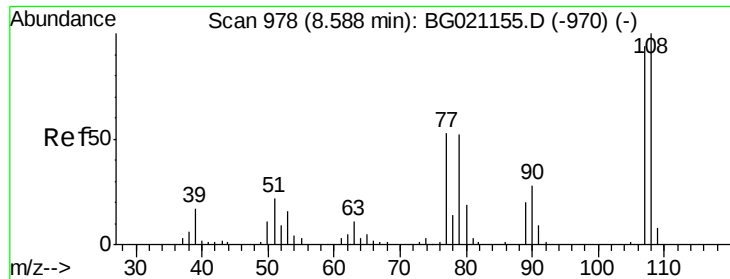
Delta R.T. -0.00 min

Lab File: BG021222.D

Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	33.3
79	10.5	0.0	29.6





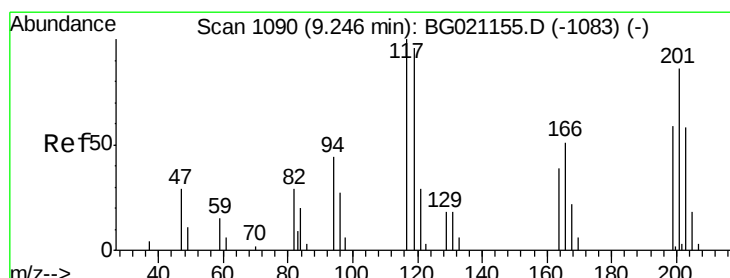
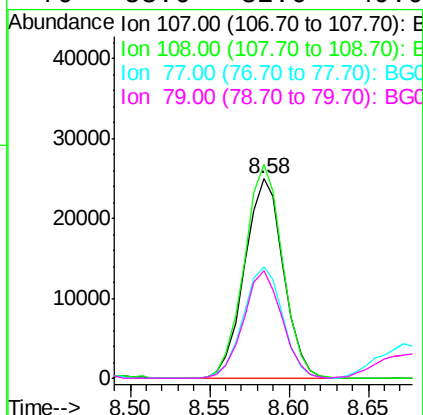
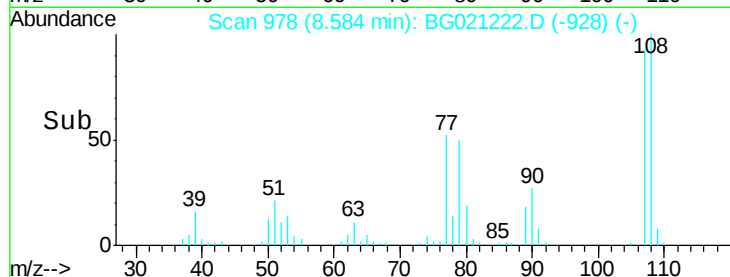
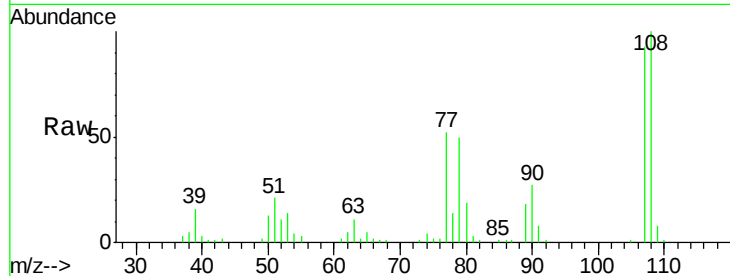
#17
2-Methylphenol
Concen: 53.58 ng
RT: 8.58 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Instrument :
BNA_G
ClientSampleId :
EAST-1MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.0	88.8	133.2
77	55.9	38.0	57.0
79	53.6	32.6	49.0

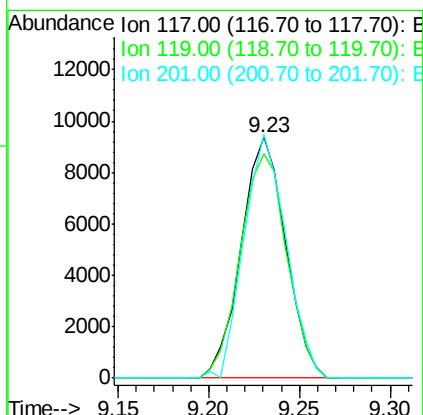
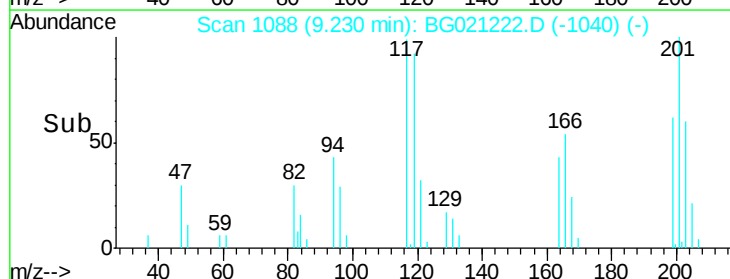
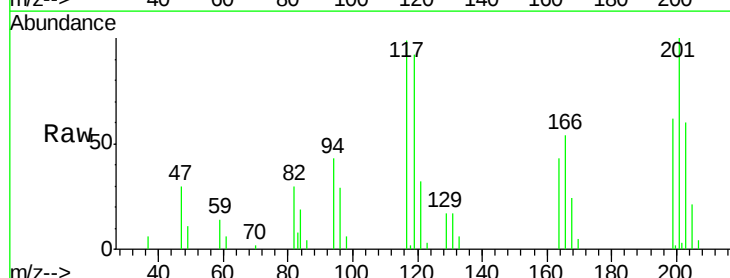
Manual Integrations
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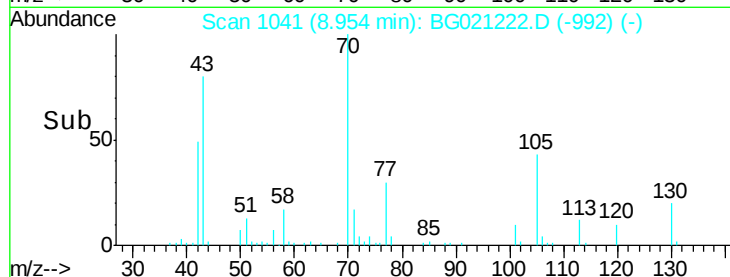
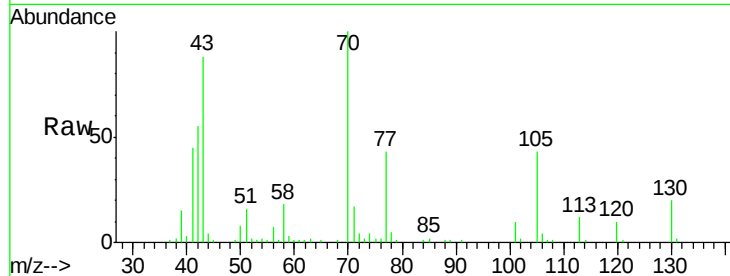
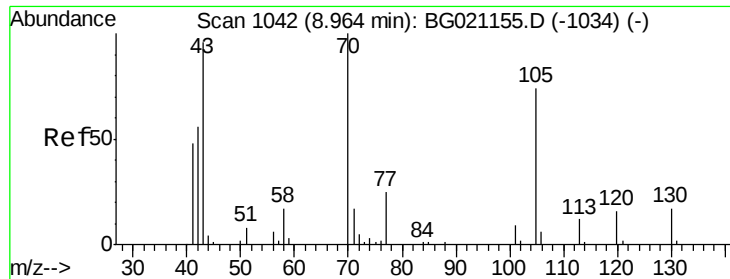
Sohil
3/3/2016 6:08:40 PM



#18
Hexachloroethane
Concen: 45.13 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.02 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	74.5	111.7
201	103.9	68.2	102.4





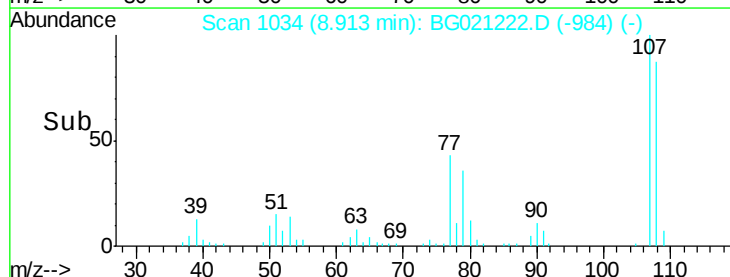
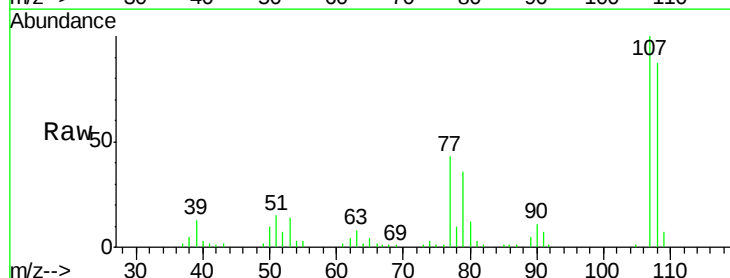
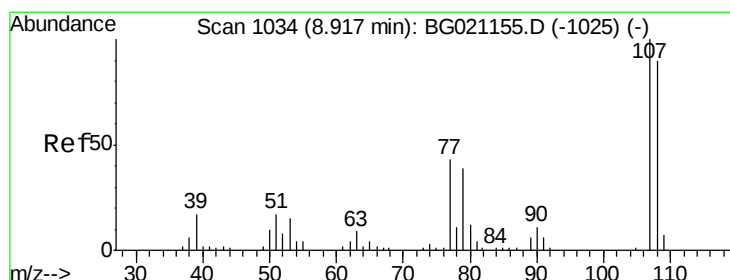
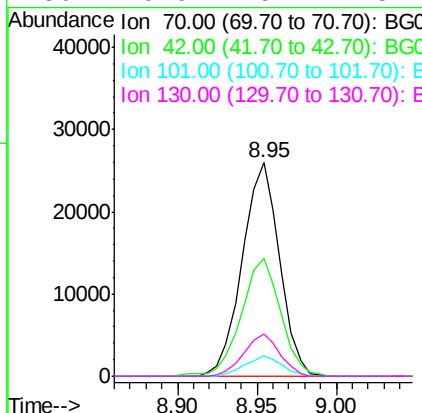
#19
n-Nitroso-di-n-propylamine
Concen: 42.55 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Instrument :
BNA_G
ClientSampleId :
EAST-1MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.9	48.8	73.2
101	9.6	8.5	12.7
130	19.9	15.4	23.2

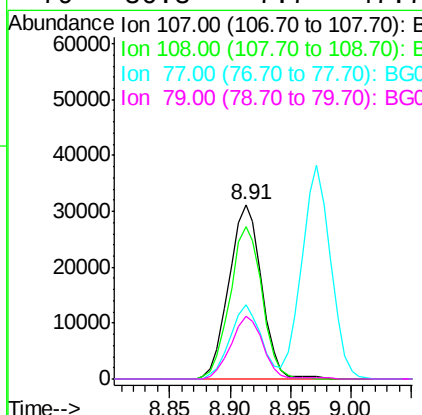
Manual Integrations
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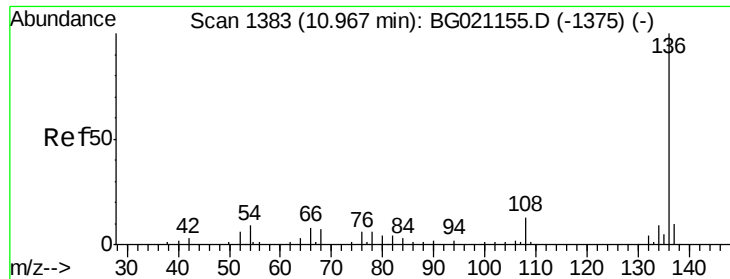
Sohil
3/3/2016 6:08:40 PM



#20
3+4-Methylphenols
Concen: 52.14 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	67.6	107.6
77	42.6	14.4	54.4
79	36.3	7.7	47.7





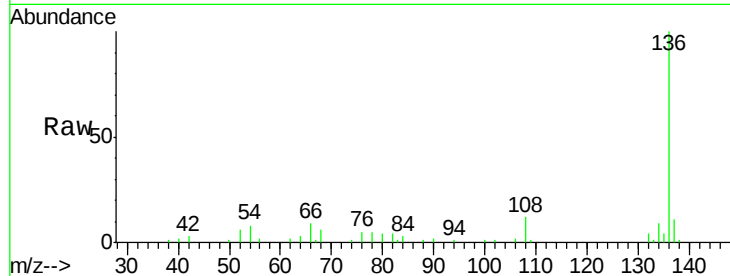
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Instrument :
BNA_G
ClientSampleId :
EAST-1MS

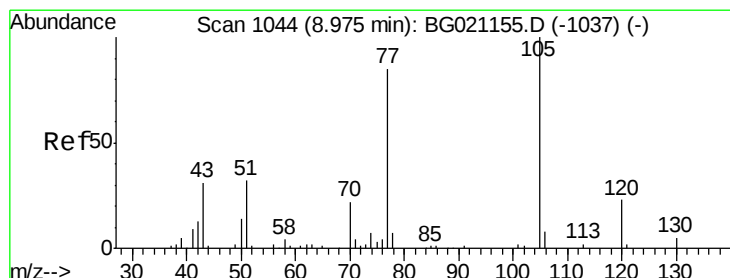
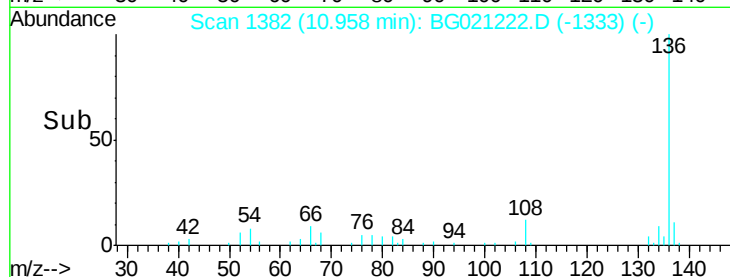
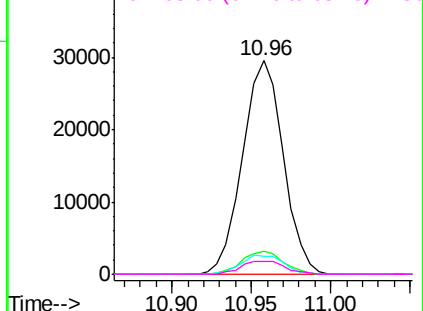
Tot Ion	Ratio	Resp	Lower	Upper
136	100	52726		
137	10.6		8.8	13.2
54	8.3		6.9	10.3
68	6.3		5.8	8.6

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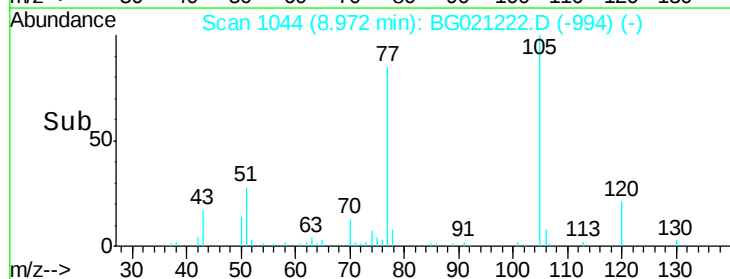
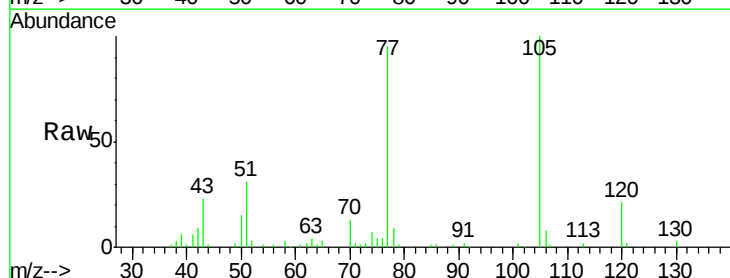
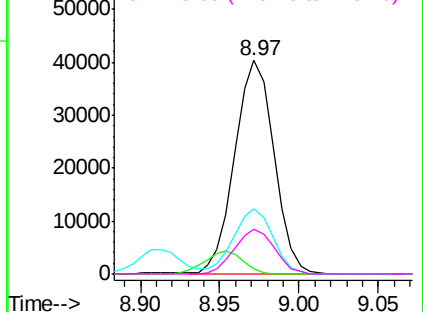
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

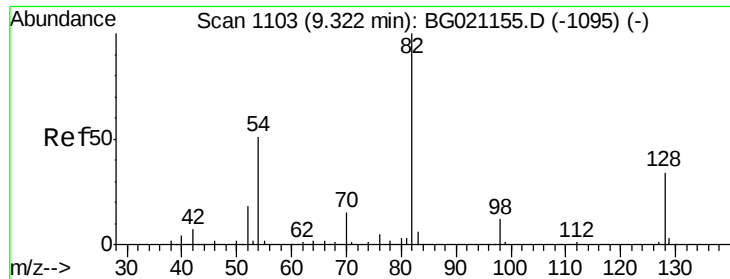


#22
Acetophenone
Concen: 44.35 ng
RT: 8.97 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	69579		
71	2.4		0.0	0.0#
51	30.7		21.4	32.2
120	20.8		18.0	27.0

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





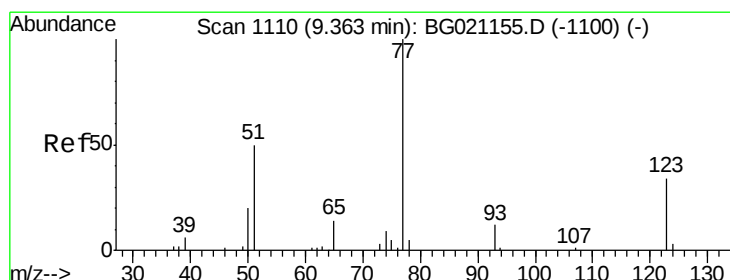
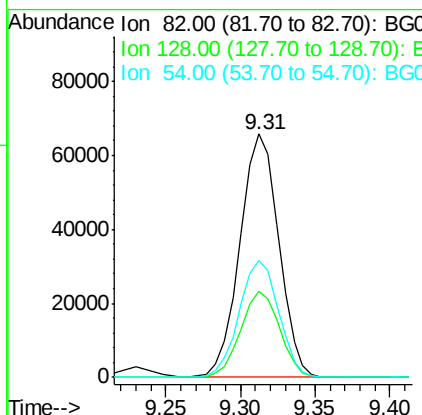
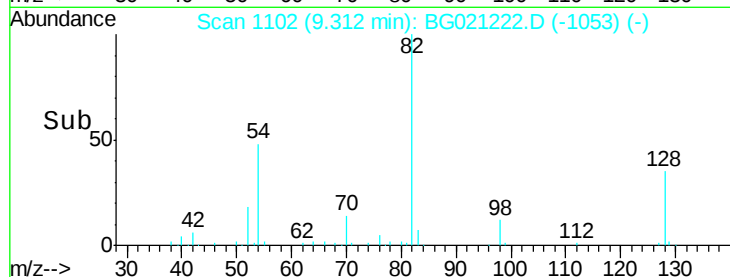
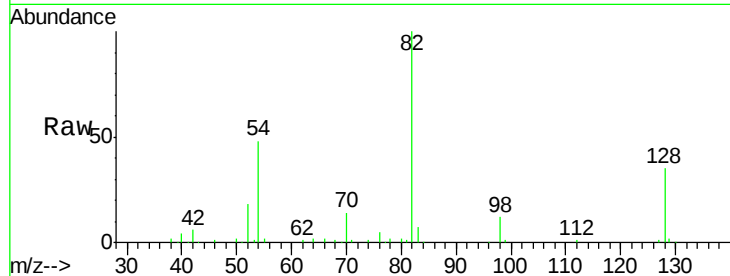
#23
 Nitrobenzene-d5
 Concen: 95.16 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	118567		
128	35.3	36.3	54.5#	
54	48.0	37.6	56.4	

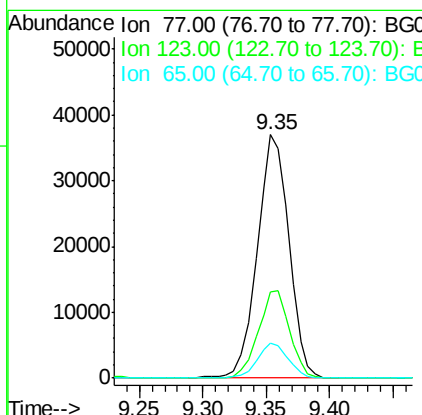
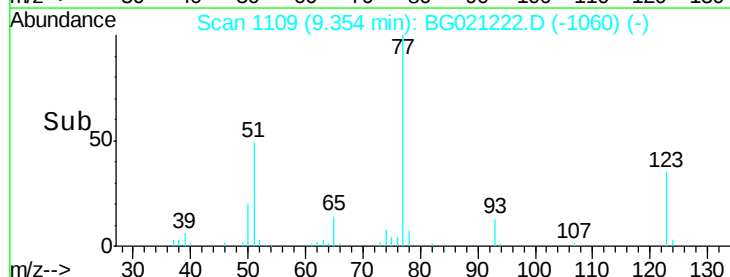
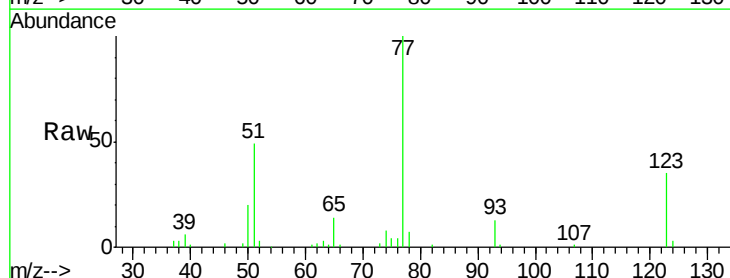
Manual Integrations
 APPROVED

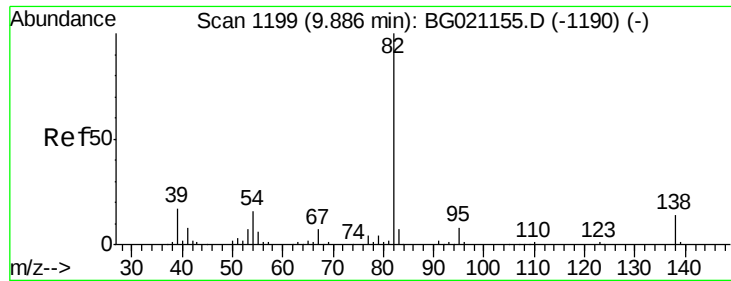
Sohil
 3/3/2016 6:08:40 PM



#24
 Nitrobenzene
 Concen: 47.16 ng
 RT: 9.35 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	64130		
123	35.2	35.8	53.6#	
65	14.4	10.6	16.0	





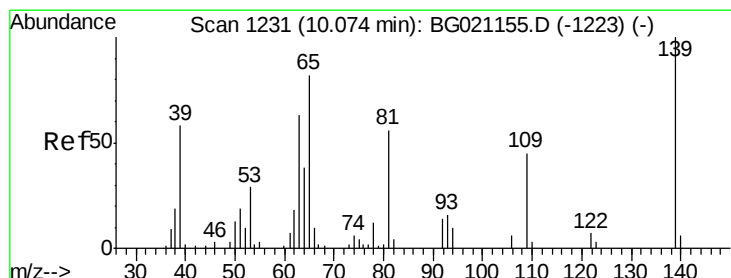
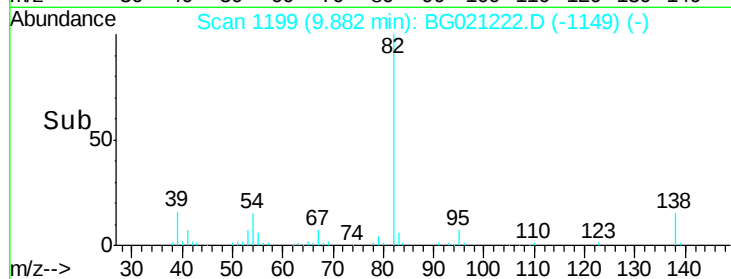
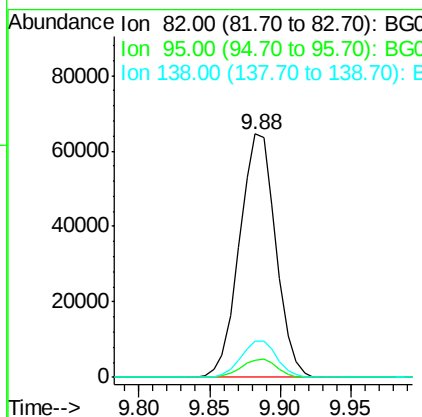
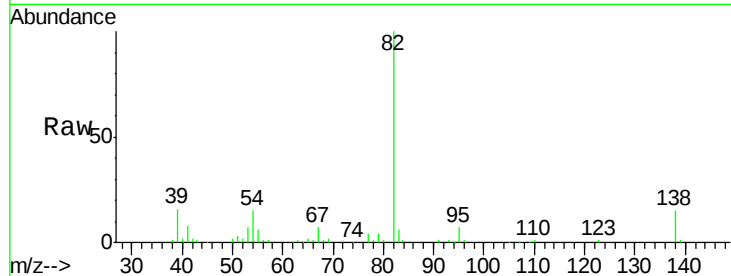
#25
Isophorone
Concen: 43.05 ng
RT: 9.88 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Instrument :
BNA_G
ClientSampleId :
EAST-1MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	116261		
95	7.2	5.4	8.0	
138	14.7	13.4	20.0	

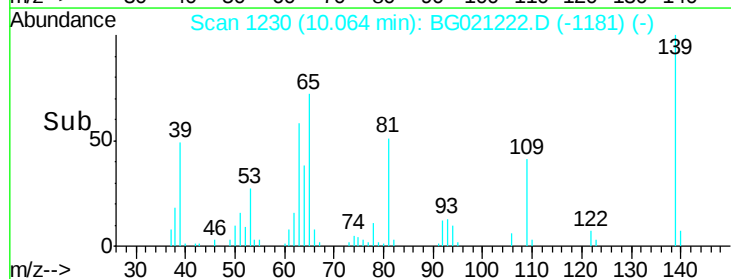
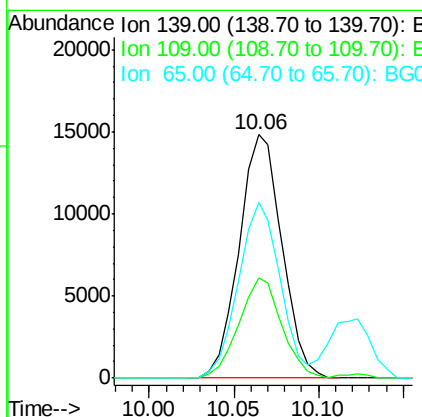
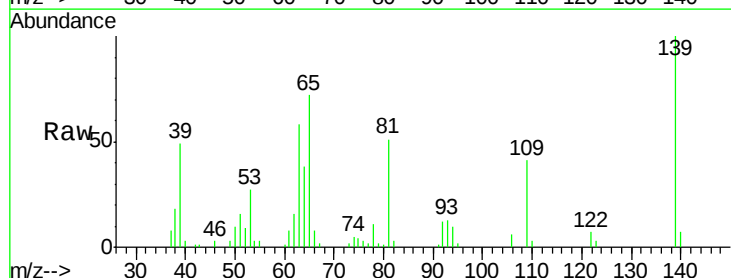
Manual Integrations
APPROVED

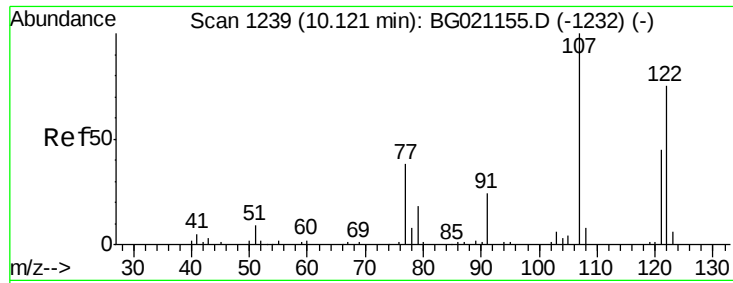
Sohil
3/3/2016 6:08:40 PM



#26
2-Nitrophenol
Concen: 52.59 ng
RT: 10.06 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	26053		
109	41.4	21.4	32.0#	
65	72.1	37.8	56.8#	





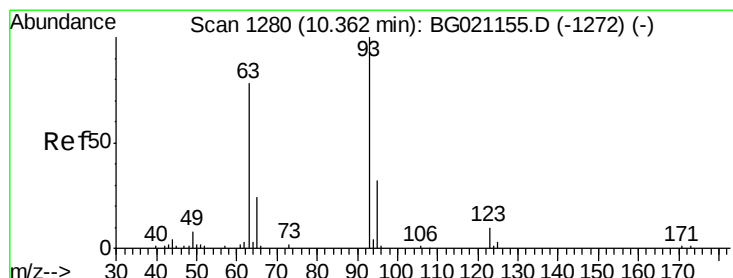
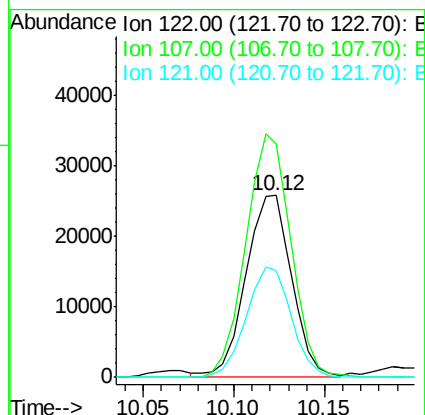
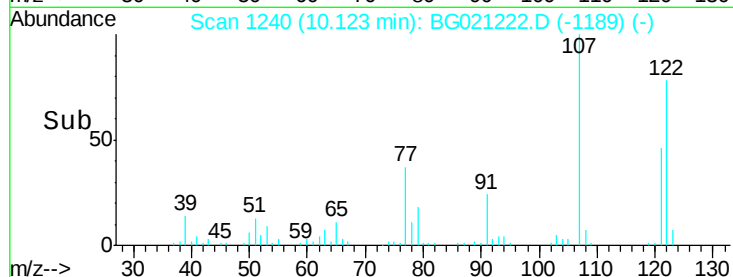
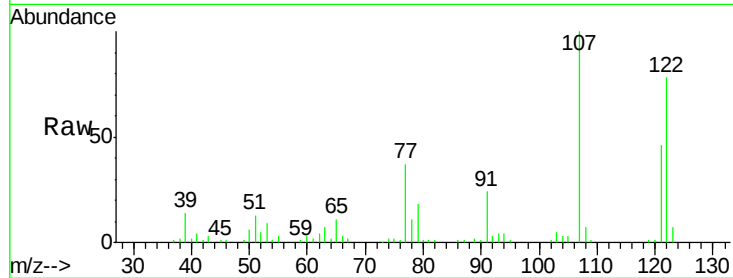
#27
 2,4-Dimethylphenol
 Concen: 50.91 ng
 RT: 10.12 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MS

Tot Ion:	122	Resp:	45245
Ion Ratio	Lower	Upper	
122	100		
107	128.5	94.1	141.1
121	58.7	45.9	68.9

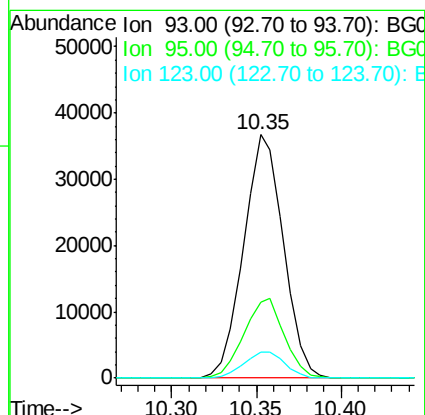
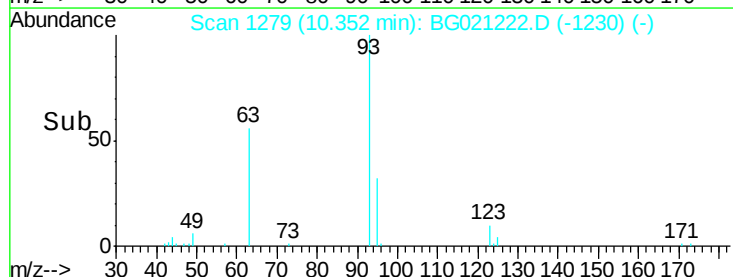
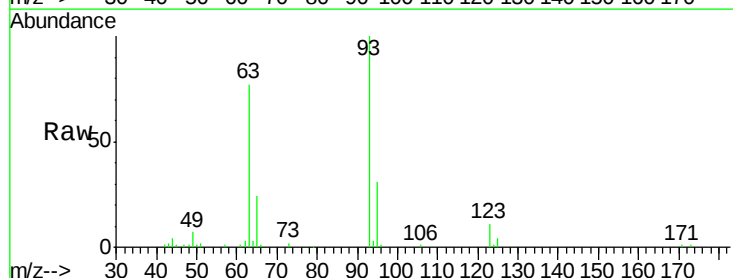
Manual Integrations
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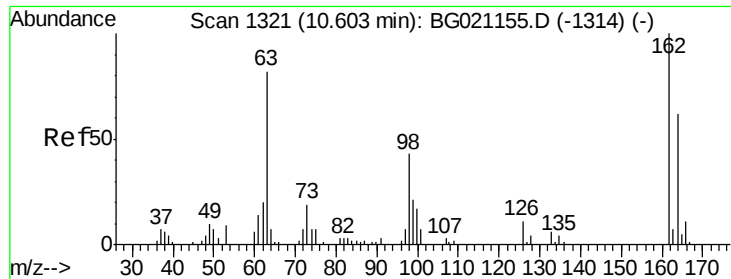
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.79 ng
 RT: 10.35 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Tgt Ion:	93	Resp:	59908
Ion Ratio	Lower	Upper	
93	100		
95	31.4	24.2	36.2
123	10.7	9.0	13.6





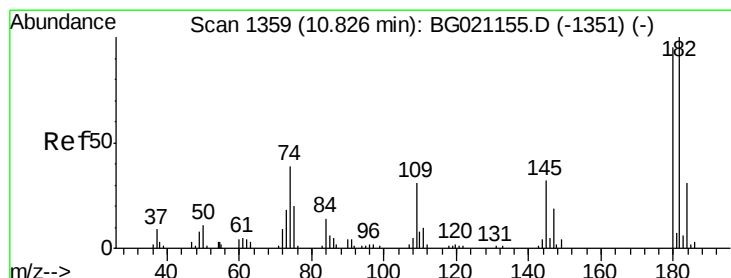
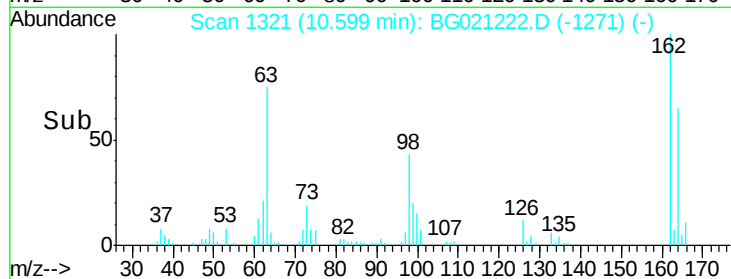
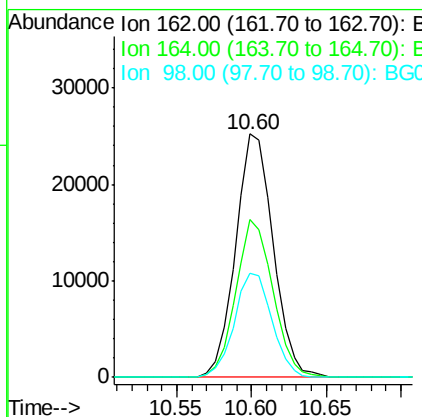
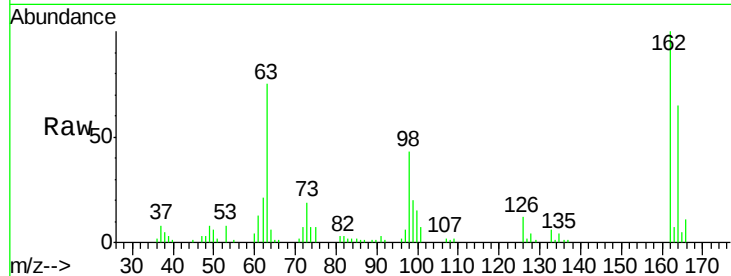
#29
 2,4-Dichlorophenol
 Concen: 55.19 ng
 RT: 10.60 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.7	83.7
98	42.9	18.3	58.3

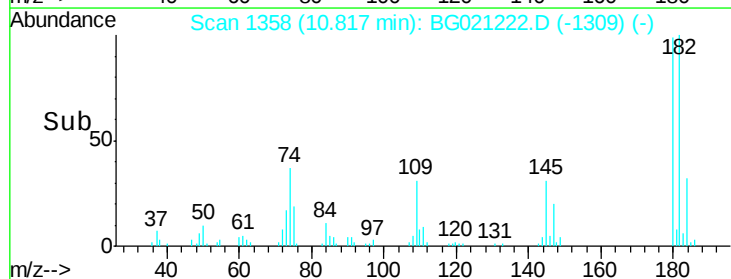
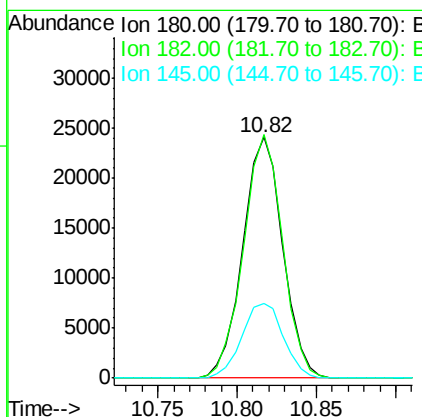
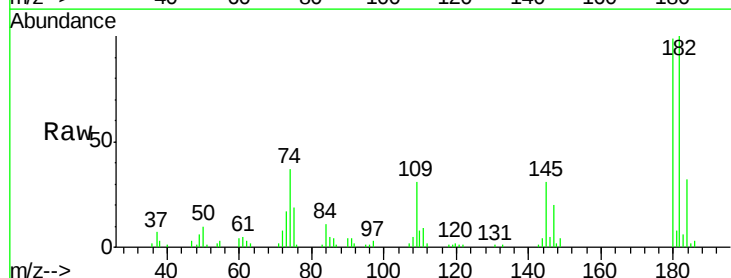
Manual Integrations
 APPROVED

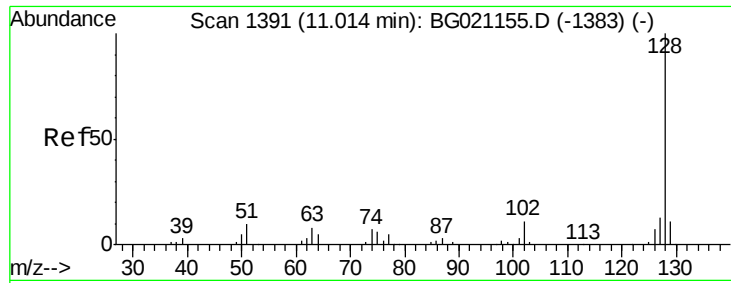
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#30
 1,2,4-Trichlorobenzene
 Concen: 52.21 ng
 RT: 10.82 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.1	77.4	116.0
145	31.3	25.7	38.5





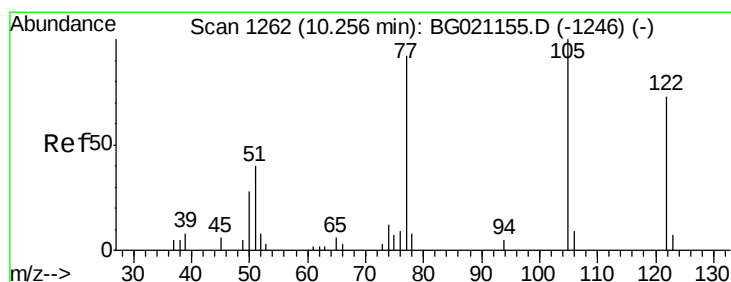
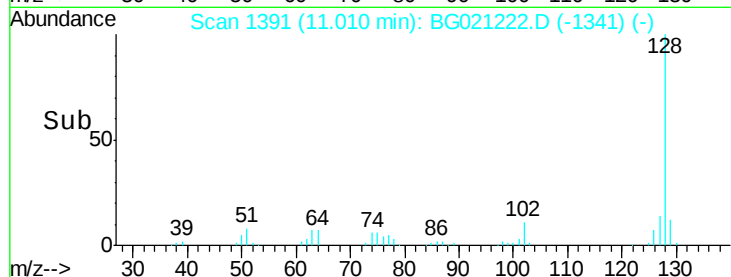
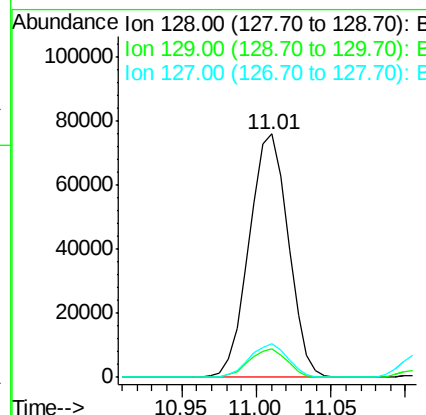
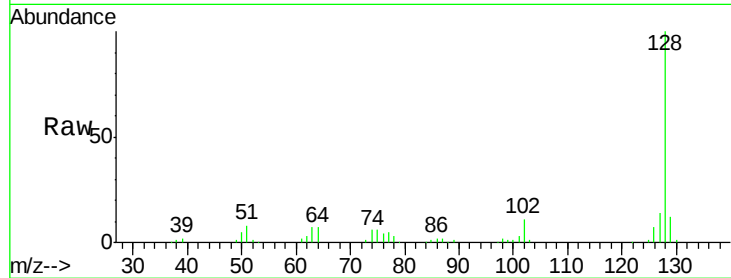
#31
Naphthalene
Concen: 50.03 ng
RT: 11.01 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Instrument :
BNA_G
ClientSampleId :
EAST-1MS

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

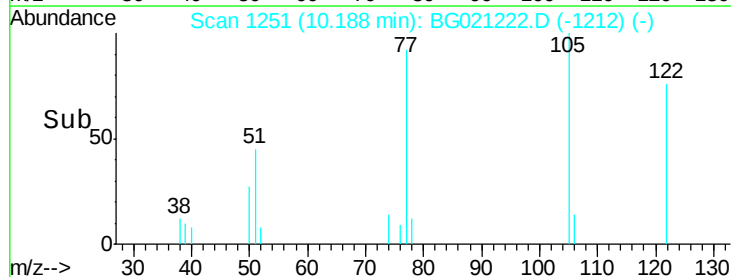
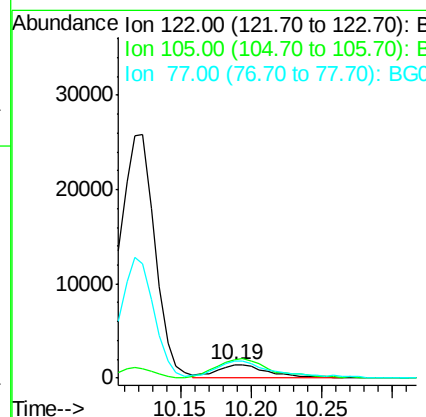
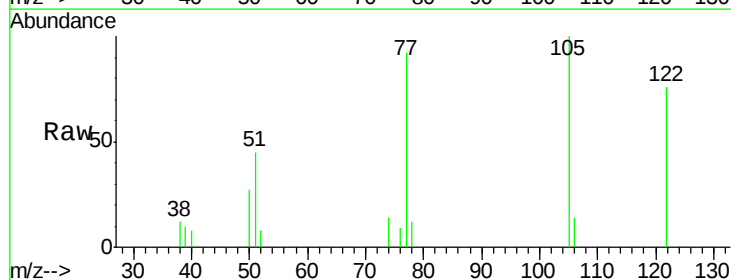
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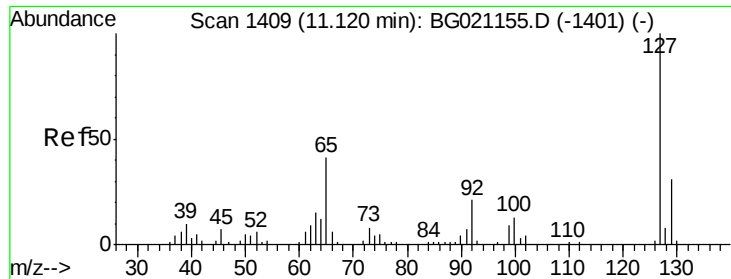
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#32
Benzoic acid
Concen: 10.06 ng
RT: 10.19 min Scan# 1251
Delta R.T. -0.07 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.5	98.7	138.7
77	120.5	84.5	124.5





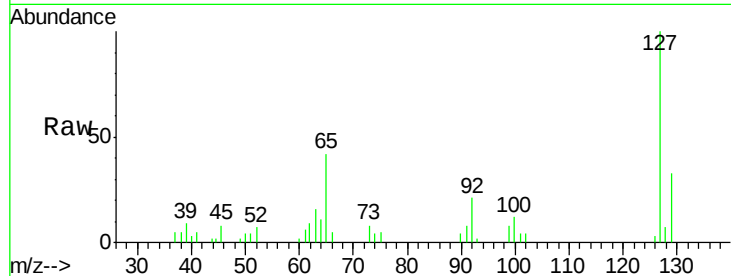
#33
4-Chloroaniline
Concen: 13.89 ng
RT: 11.11 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Instrument :
BNA_G
ClientSampleId :
EAST-1MS

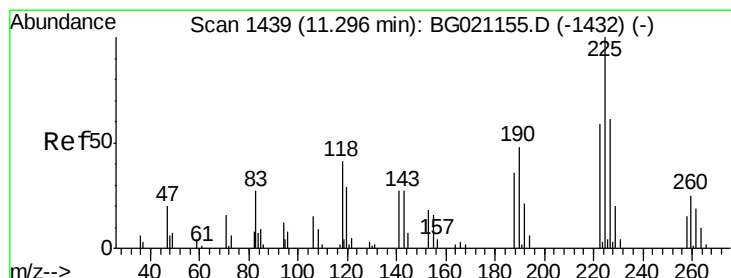
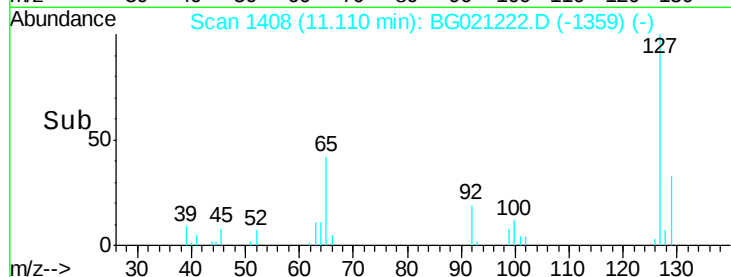
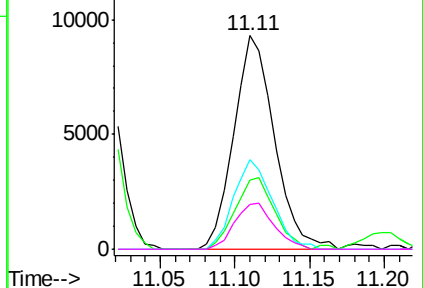
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	41.7	22.9	34.3
92	20.9	15.0	22.6

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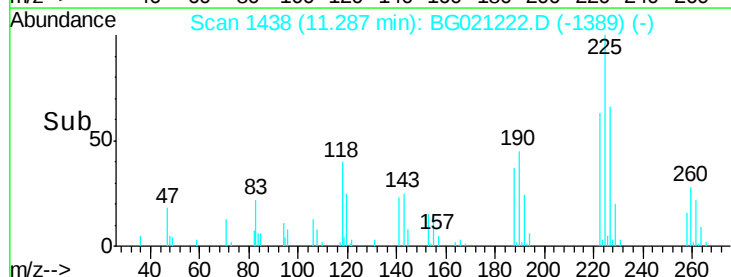
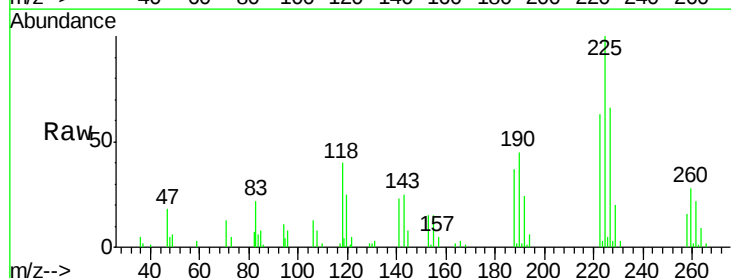
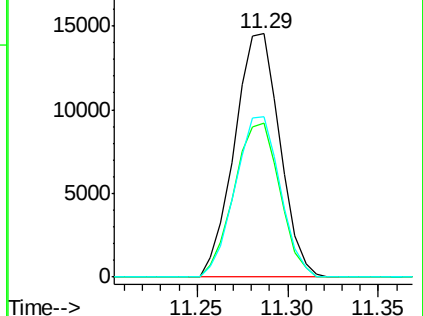
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

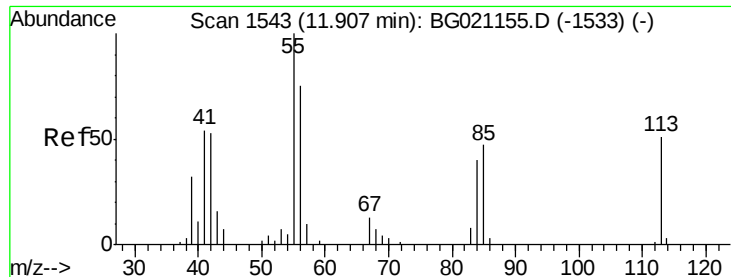


#34
Hexachlorobutadiene
Concen: 51.61 ng
RT: 11.29 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	54.6	82.0
227	62.8	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: 44.33 ng/ml

RT: 11.93 min Scan# 1547

Delta R.T. 0.02 min

Lab File: BG021222.D

Acq: 2 Mar 2016 21:00

Instrument :

BNA_G

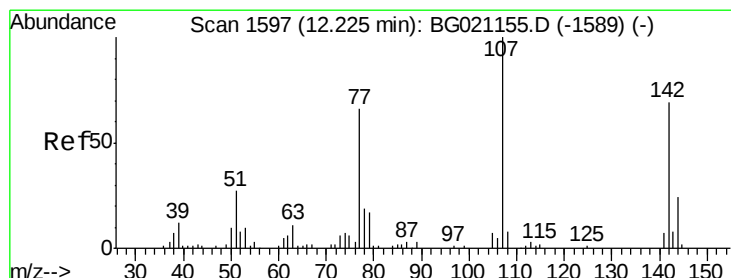
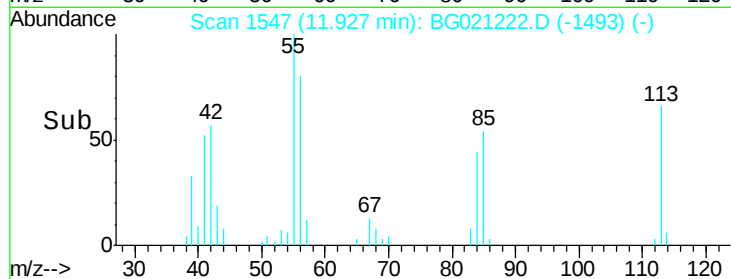
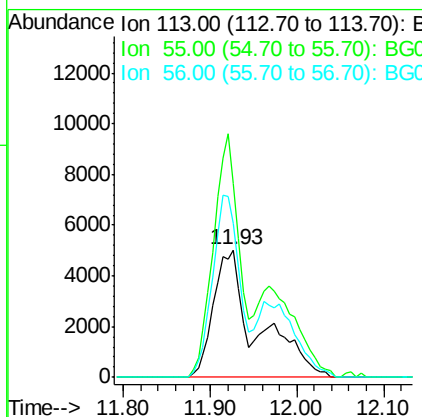
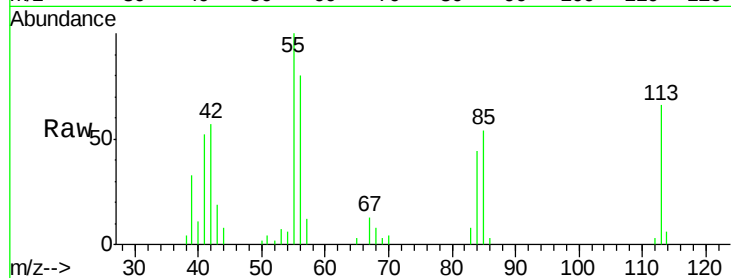
ClientSampled :

EAST-1MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	151.9	155.2	195.2	#
56	120.9	94.0	134.0	

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#36

4-Chloro-3-methylphenol

Concen: 48.33 ng/ml

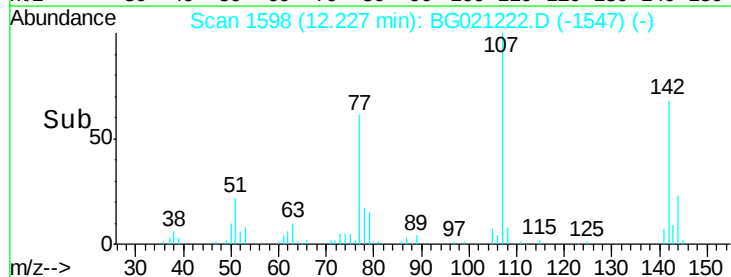
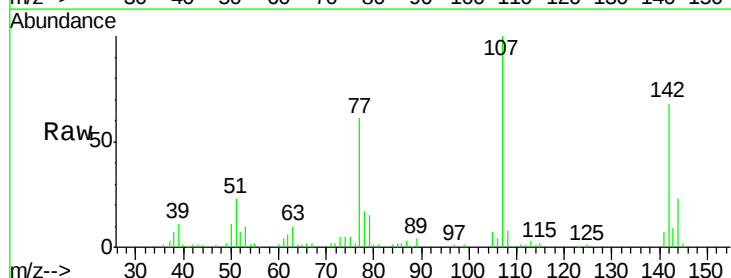
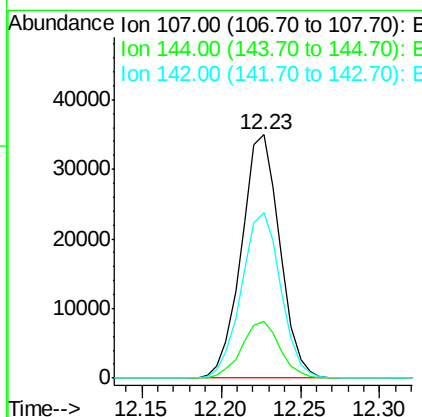
RT: 12.23 min Scan# 1598

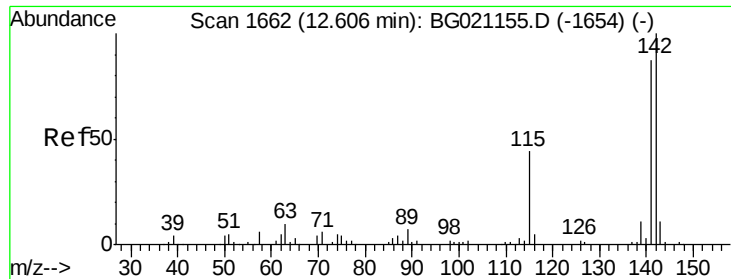
Delta R.T. 0.00 min

Lab File: BG021222.D

Acq: 2 Mar 2016 21:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	23.2	21.8	32.8	
142	67.9	65.6	98.4	





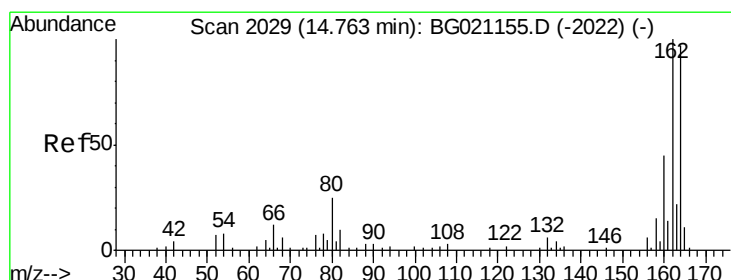
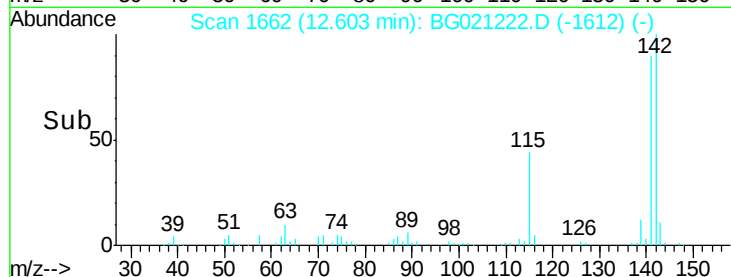
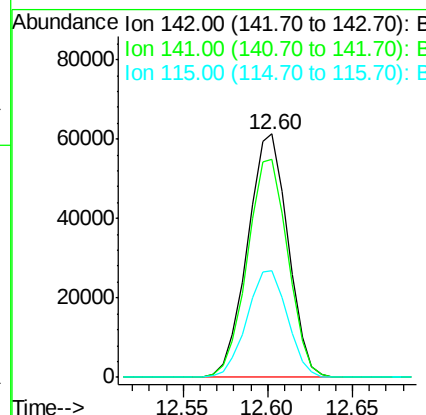
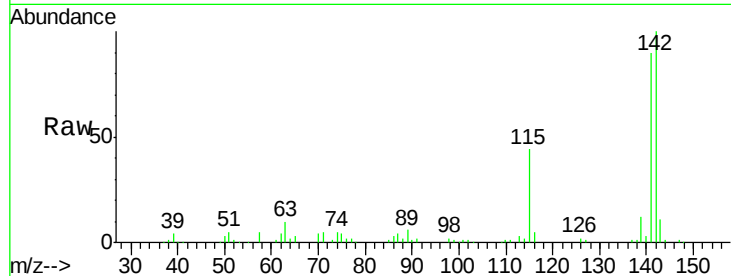
#37
2-Methylnaphthalene
Concen: 52.13 ng
RT: 12.60 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Instrument :
BNA_G
ClientSampleId :
EAST-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.7	107.5
115	44.0	26.2	39.4

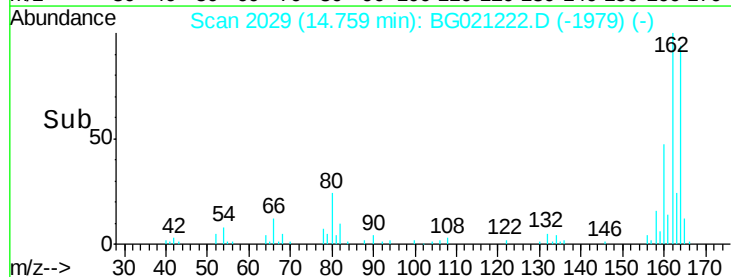
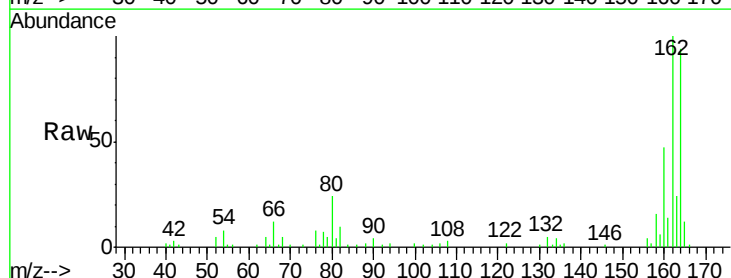
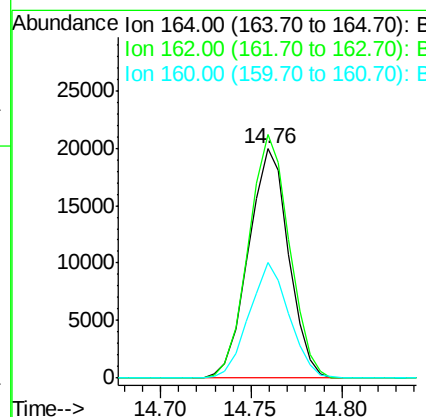
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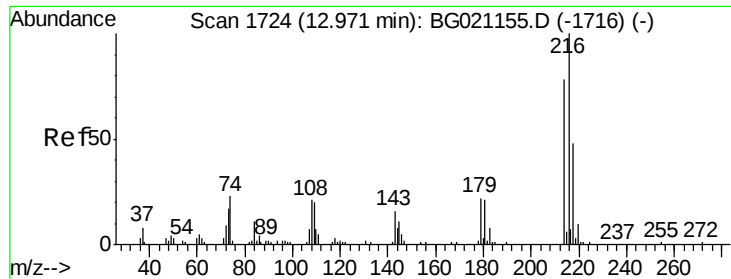
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	80.6	120.8
160	50.3	36.5	54.7





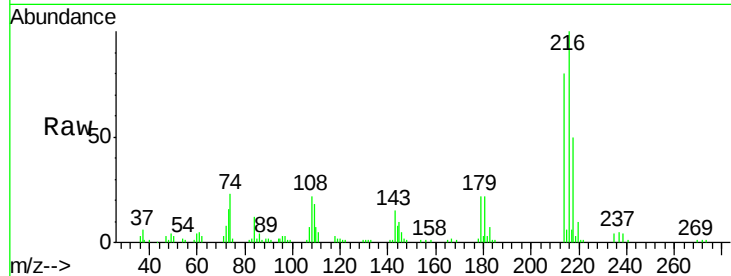
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 55.25 ng
 RT: 12.96 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Instrument :
 BNA_G
 ClientSampled :
 EAST-1MS

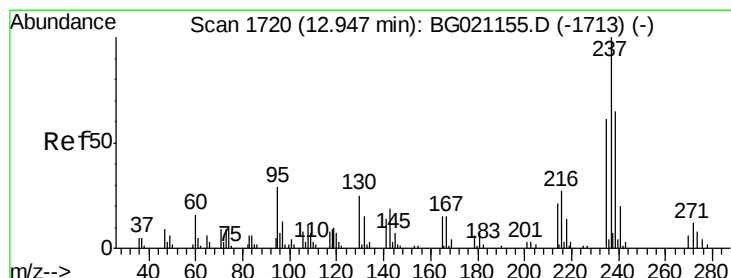
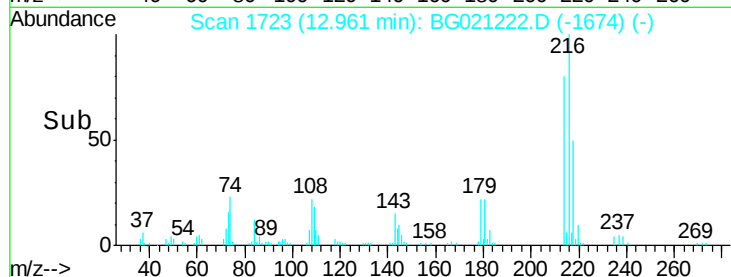
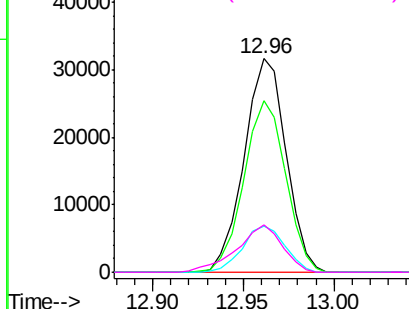
Tot Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.5	95.3
179	22.0	17.4	26.0
108	24.1	16.8	25.2

Manual Integrations
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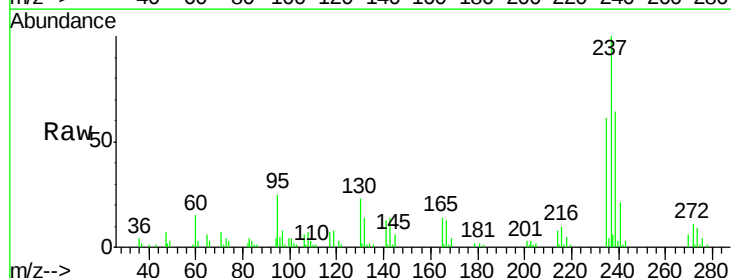


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

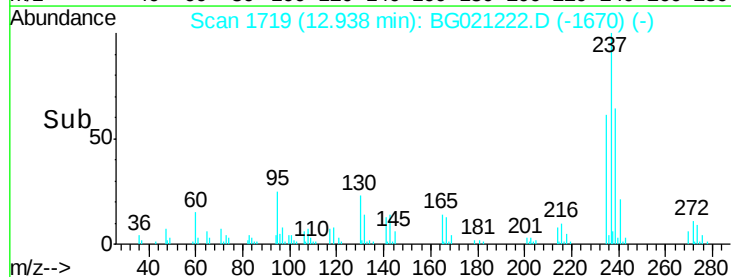
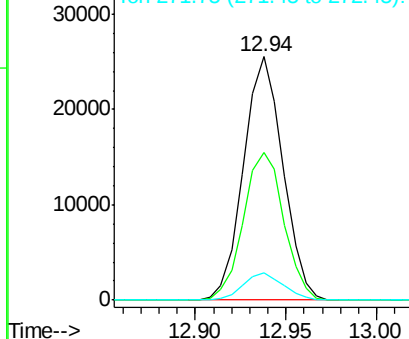


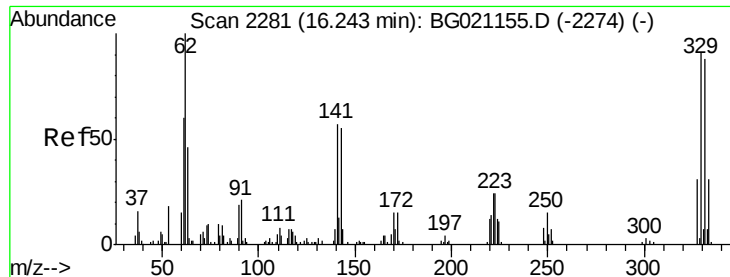
#40
 Hexachlorocyclopentadiene
 Concen: 76.25 ng
 RT: 12.94 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.7	42.9	82.9
272	11.4	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: 166.21 ng

RT: 16.25 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BG021222.D

Acq: 2 Mar 2016 21:00

Instrument :

BNA_G

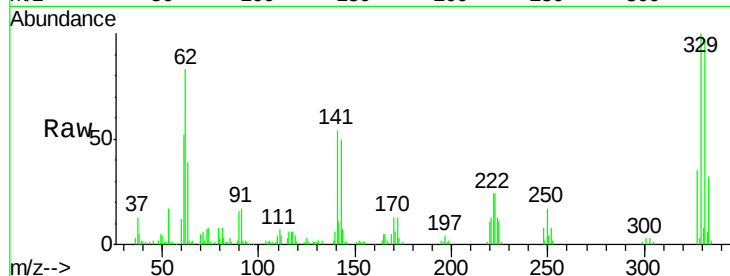
ClientSampled :

EAST-1MS

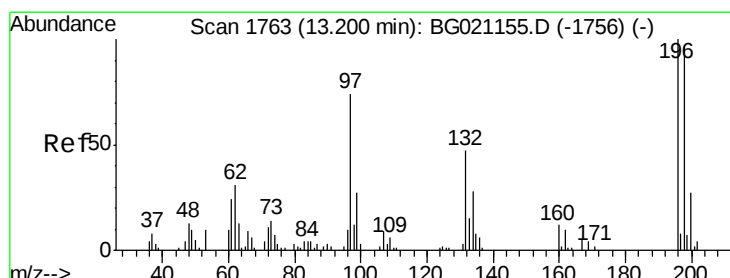
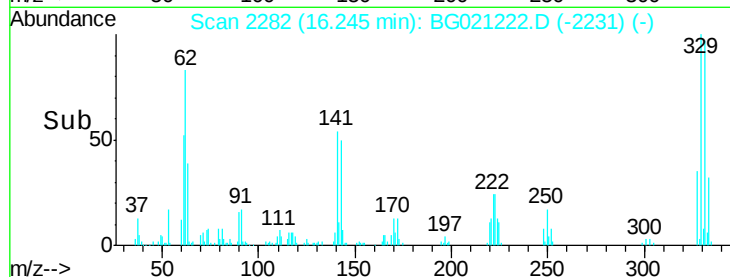
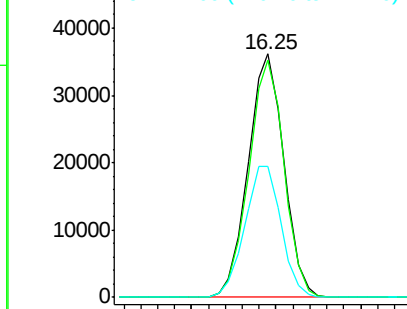
Tot Ion:	330	Resp:	53026
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.4	116.0
141	55.0	35.3	52.9#

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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: 57.27 ng

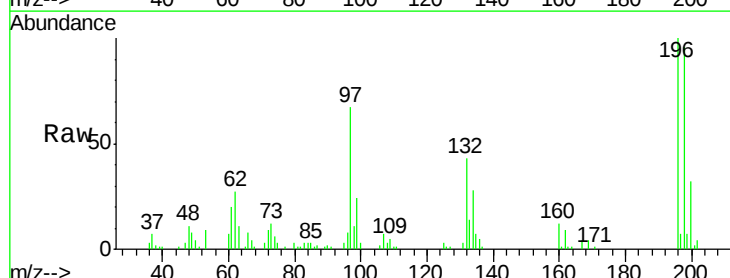
RT: 13.20 min Scan# 1764

Delta R.T. 0.00 min

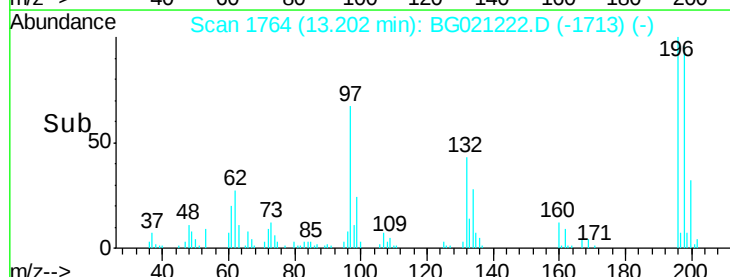
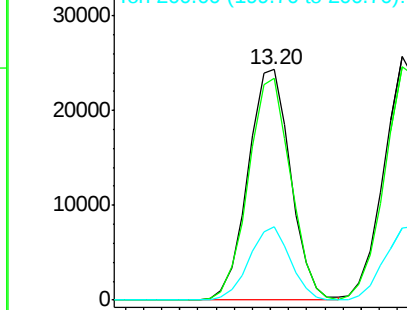
Lab File: BG021222.D

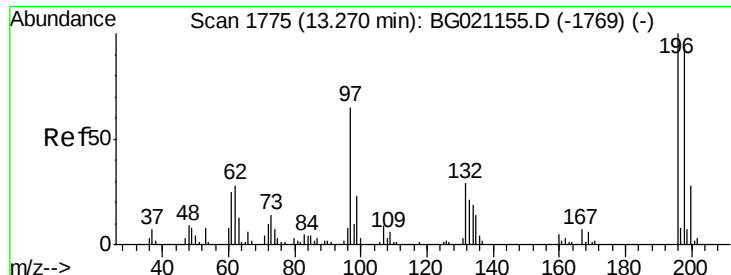
Acq: 2 Mar 2016 21:00

Tgt Ion:	196	Resp:	39607
Ion Ratio	Lower	Upper	
196	100		
198	96.2	75.8	113.8
200	32.1	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





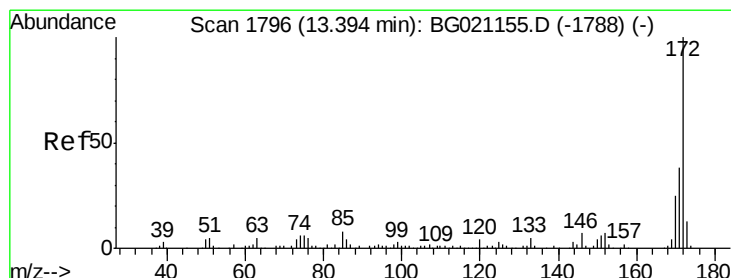
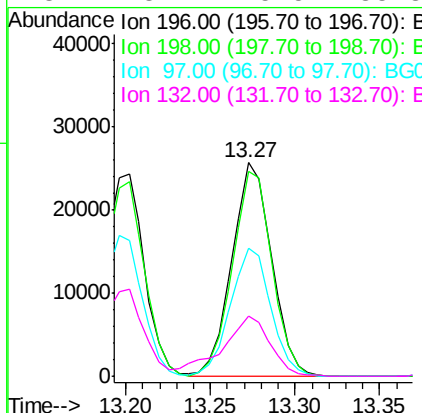
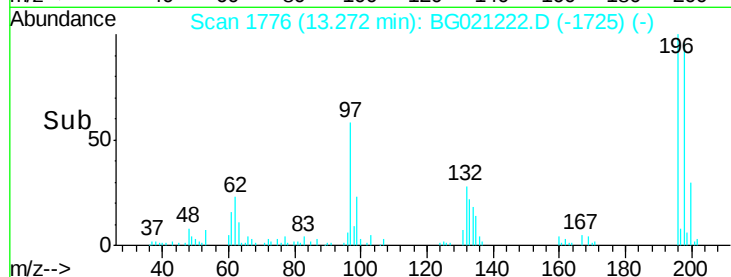
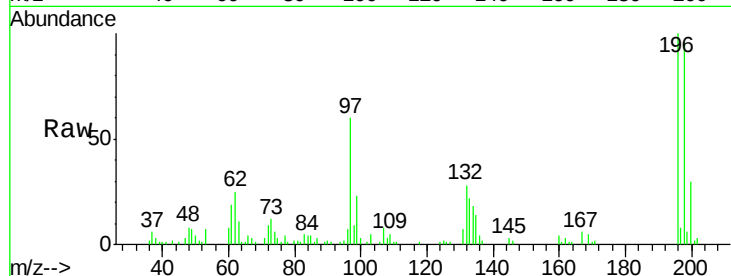
#43
2,4,5-Trichlorophenol
Concen: 56.92 ng
RT: 13.27 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Instrument :
BNA_G
ClientSampled :
EAST-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		42094		
198	95.7	80.2	120.4		
97	59.7	42.9	64.3		
132	28.1	25.5	38.3		

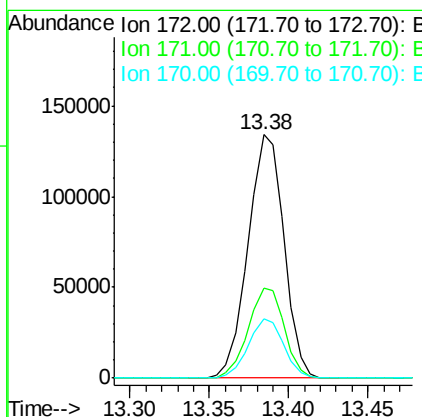
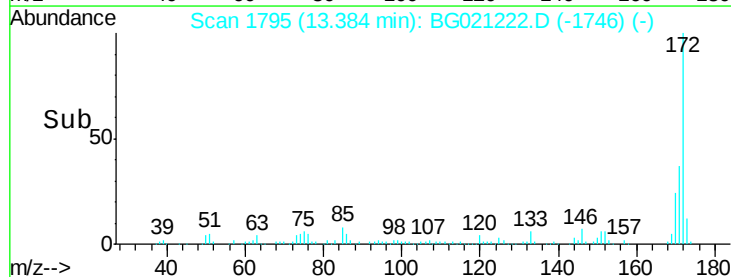
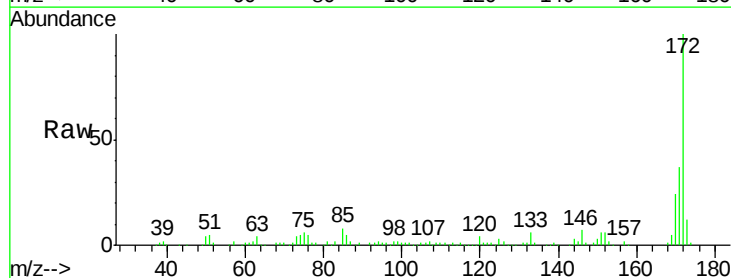
Manual Integrations
APPROVED

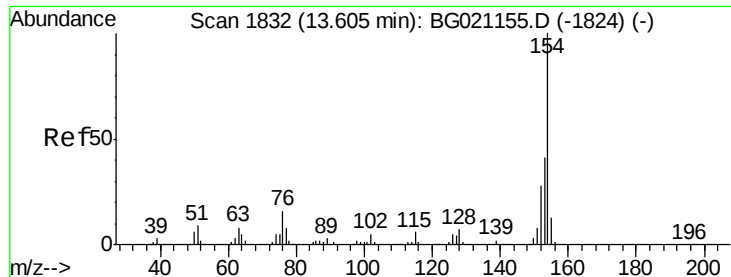
Sohil
3/3/2016 6:08:40 PM



#44
2-Fluorobiphenyl
Concen: 97.84 ng
RT: 13.38 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		211279		
171	37.2	29.4	44.0		
170	24.3	19.8	29.8		





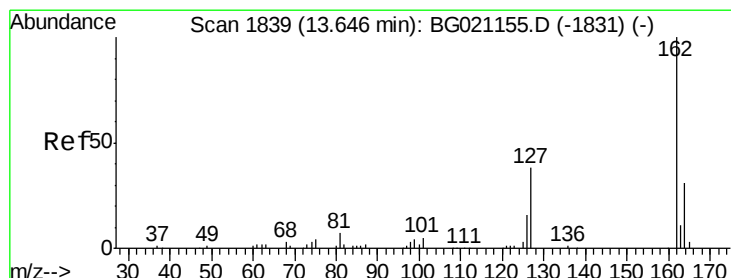
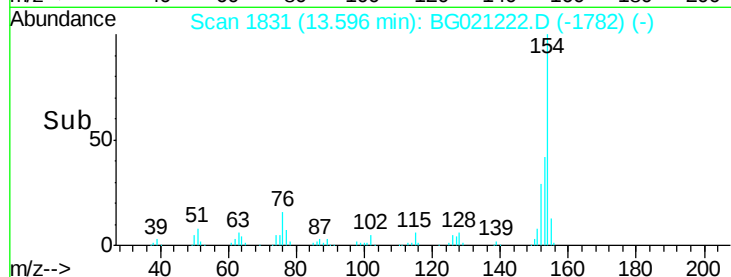
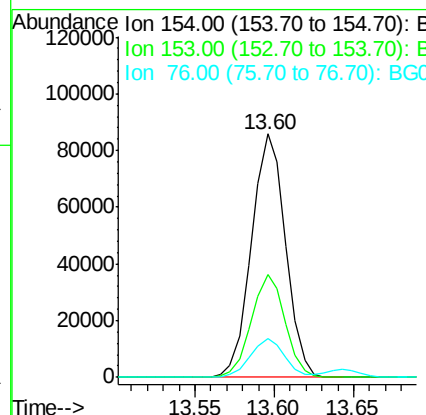
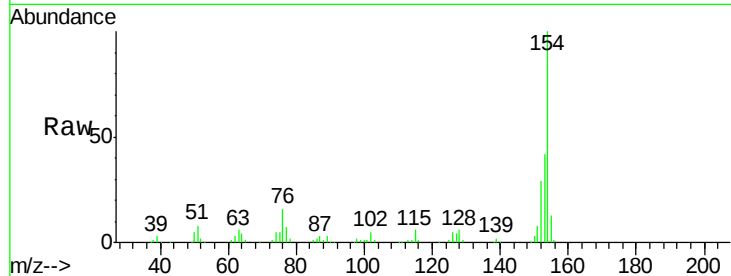
#45
 1,1'-Biphenyl
 Concen: 50.78 ng
 RT: 13.60 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.0	19.8	59.8	
76	16.2	0.0	33.6	

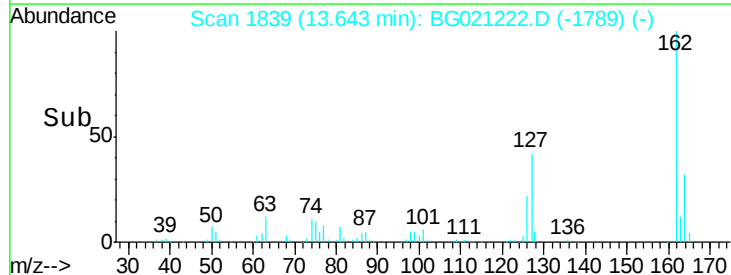
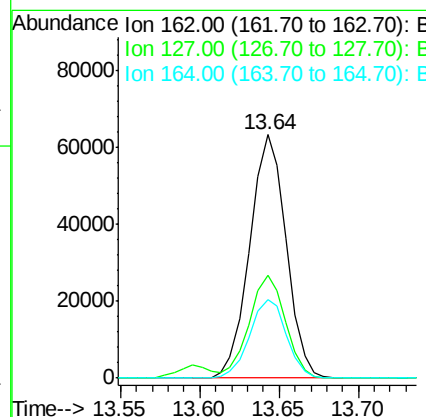
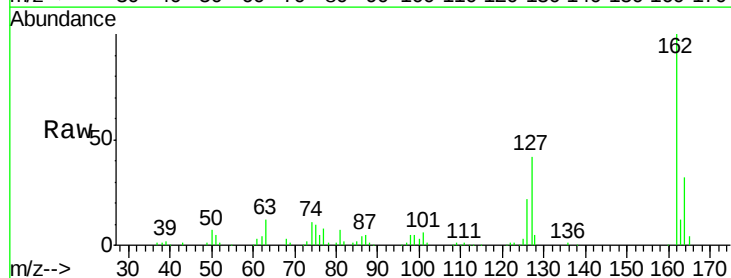
Manual Integrations
 APPROVED

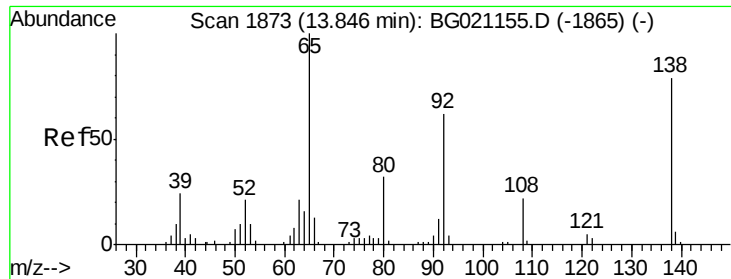
Sohil
 3/3/2016 6:08:40 PM



#46
 2-Chloronaphthalene
 Concen: 53.35 ng
 RT: 13.64 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.3	31.8	47.8	
164	32.1	26.3	39.5	





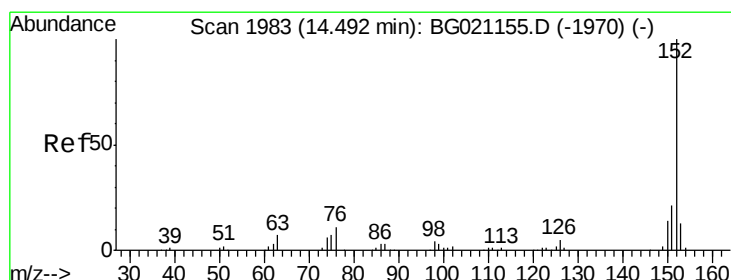
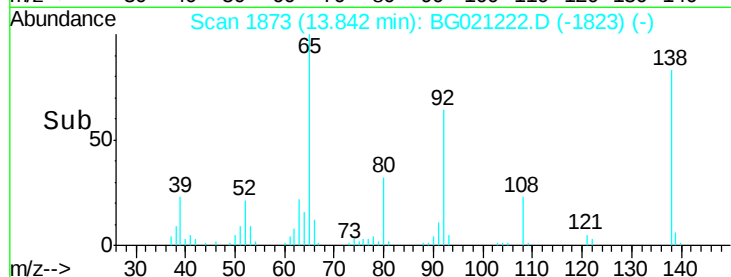
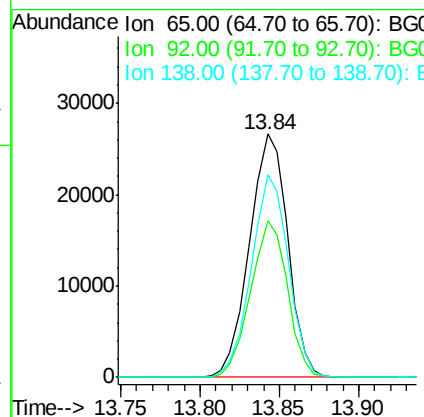
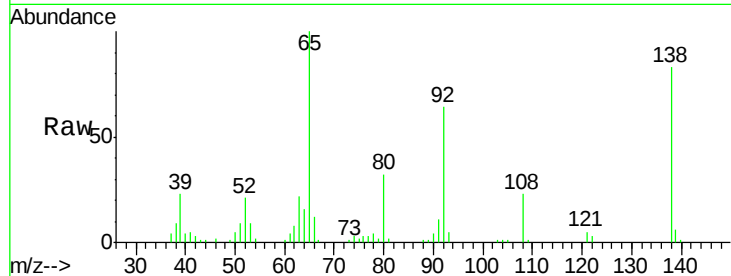
#47
2-Nitroaniline
Concen: 48.52 ng
RT: 13.84 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Instrument :
BNA_G
ClientSampleId :
EAST-1MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.1	54.6	82.0
138	83.4	94.9	142.3

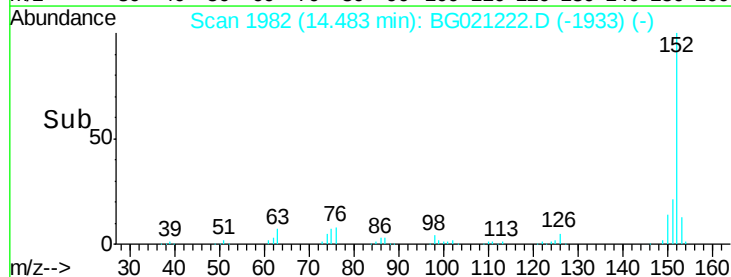
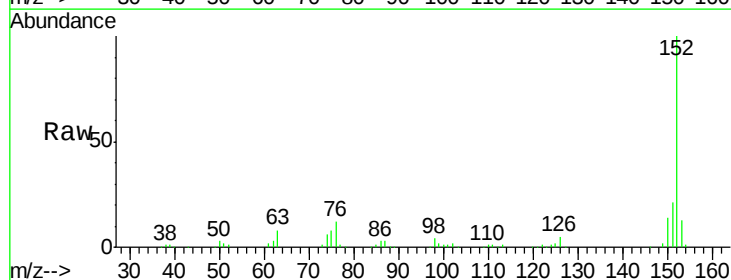
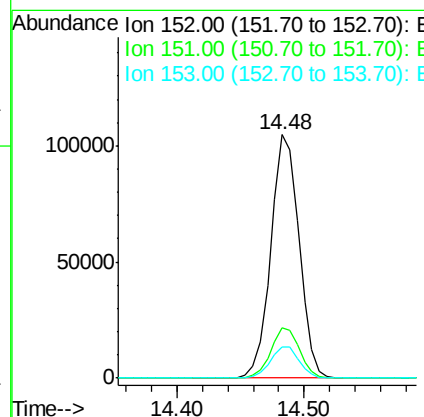
Manual Integrations
APPROVED

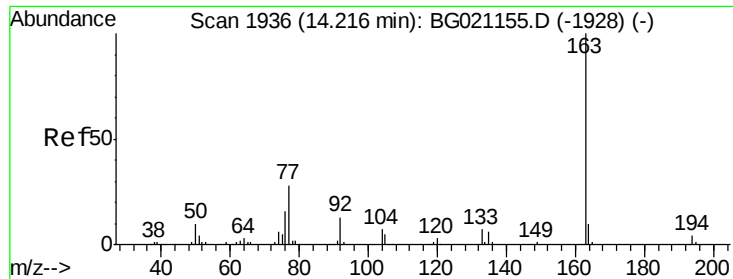
Sohil
3/3/2016 6:08:40 PM



#48
Acenaphthylene
Concen: 50.66 ng
RT: 14.48 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.9	23.9
153	13.0	10.2	15.2





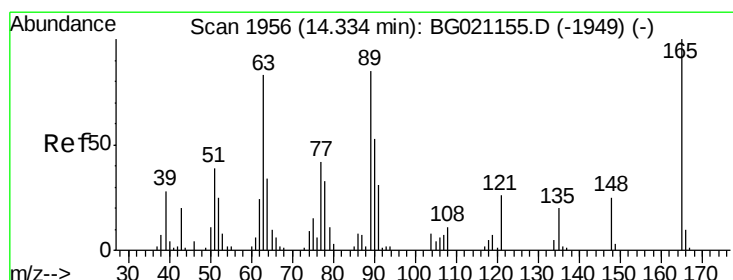
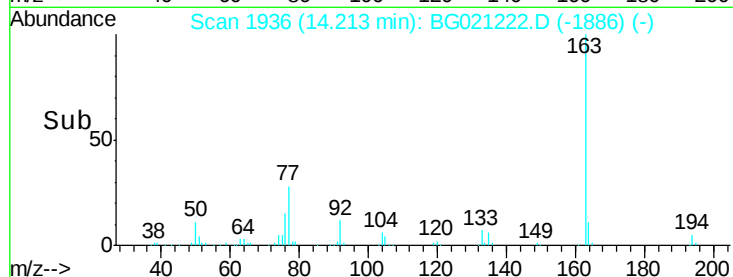
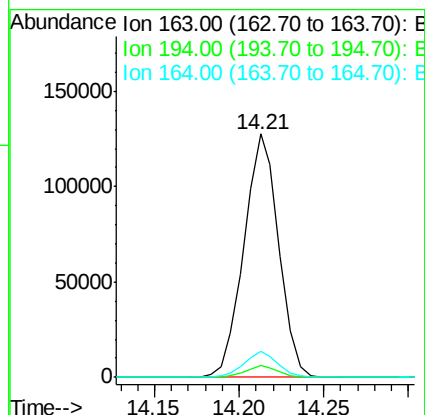
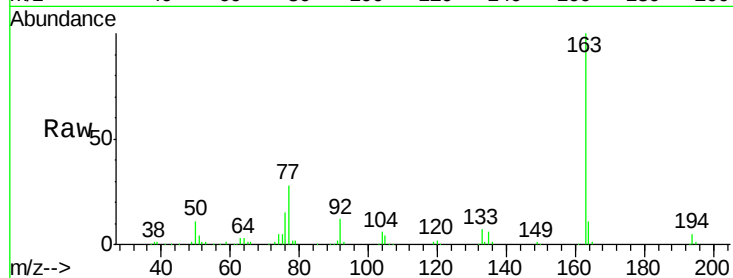
#49
Dimethylphthalate
Concen: 66.80 ng
RT: 14.21 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Instrument :
BNA_G
ClientSampleId :
EAST-1MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	182526		
194	4.7	2.8	4.2#	
164	10.6	7.9	11.9	

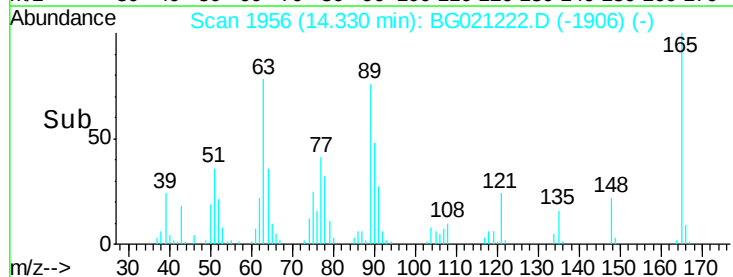
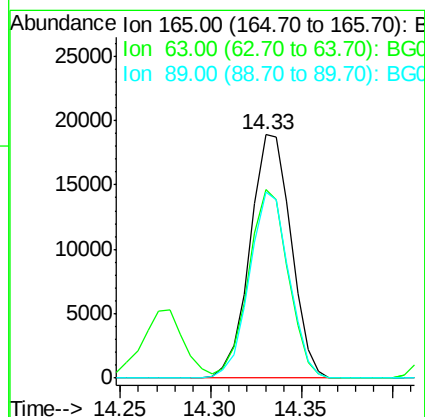
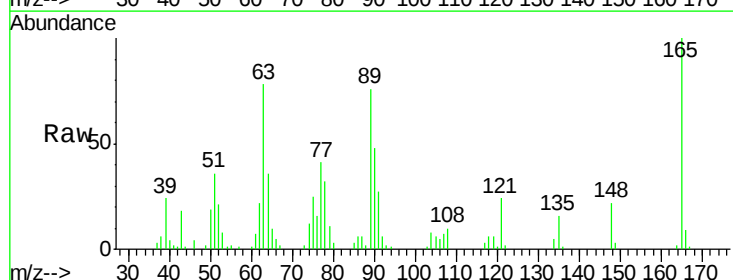
Manual Integrations
APPROVED

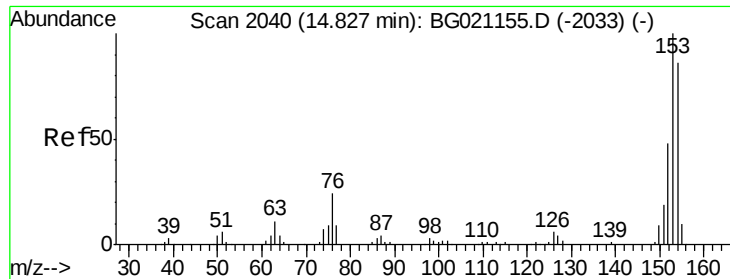
Sohil
3/3/2016 6:08:40 PM



#50
2,6-Dinitrotoluene
Concen: 51.94 ng
RT: 14.33 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	29698		
63	77.7	42.1	63.1#	
89	76.2	46.1	69.1#	





#51

Acenaphthene

Concen: 47.86 ng

RT: 14.82 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG021222.D

Acq: 2 Mar 2016 21:00

Instrument :

BNA_G

ClientSampleId :

EAST-1MS

Tot Ion:154 Resp: 97375

Ion Ratio Lower Upper

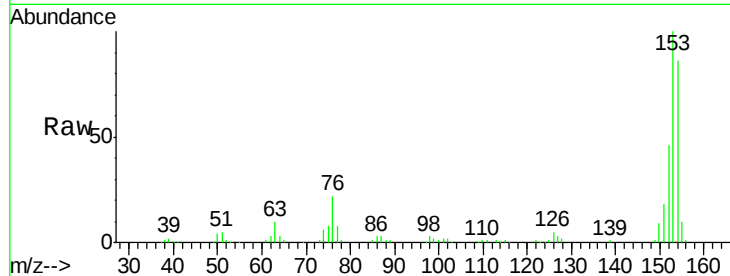
154 100

153 115.8 94.2 141.2

152 52.9 42.9 64.3

Manual Integrations
APPROVED

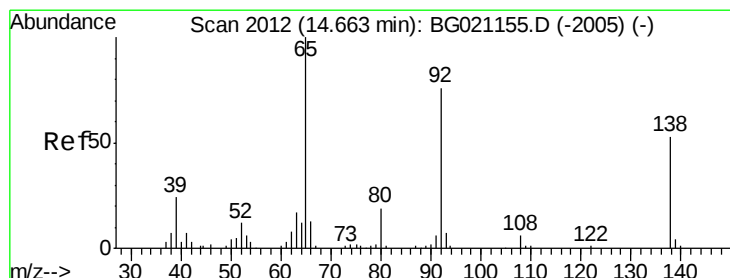
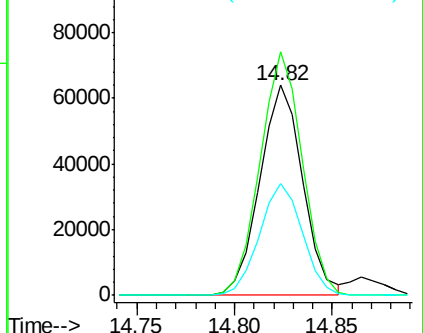
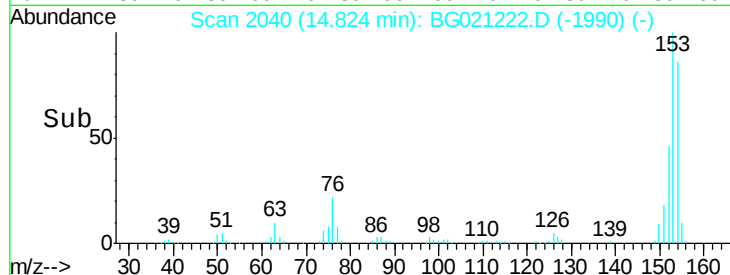
Sohil
3/3/2016 6:08:40 PM



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: 34.06 ng

RT: 14.66 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BG021222.D

Acq: 2 Mar 2016 21:00

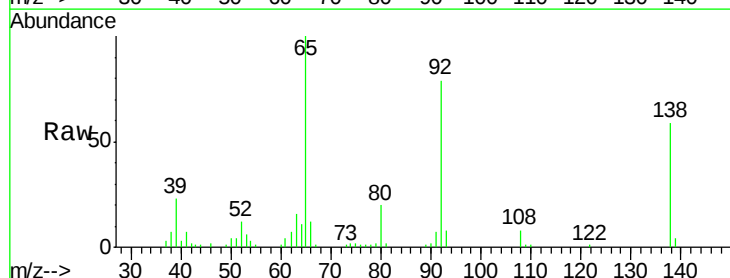
Tgt Ion:138 Resp: 21611

Ion Ratio Lower Upper

138 100

108 12.9 5.8 8.6#

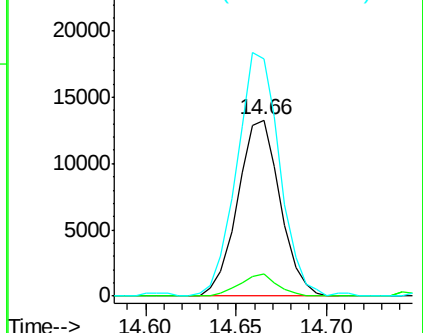
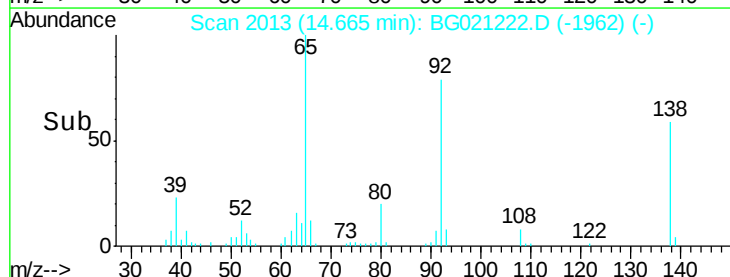
92 134.6 83.6 125.4#

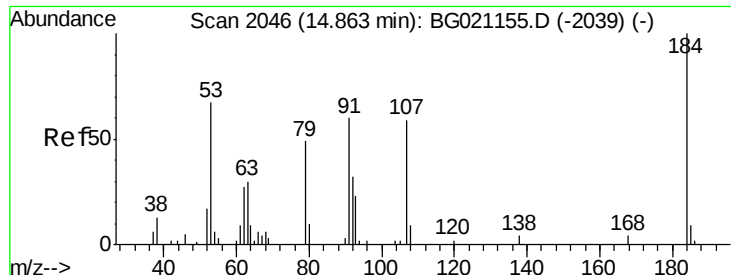


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





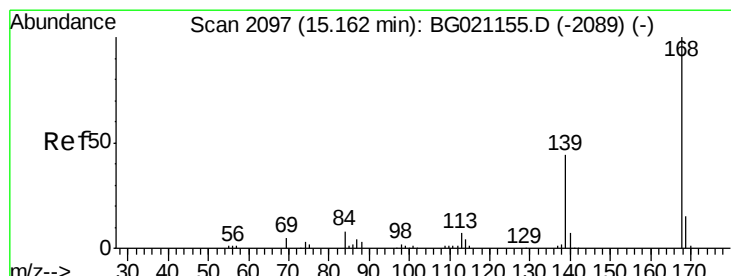
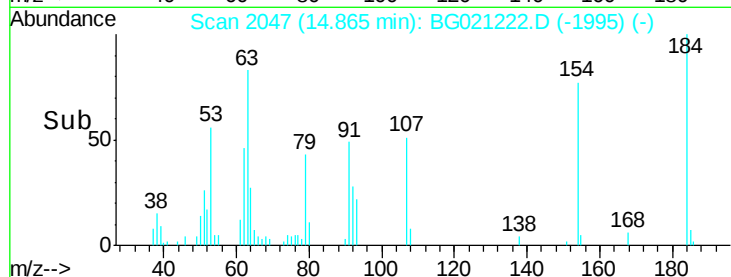
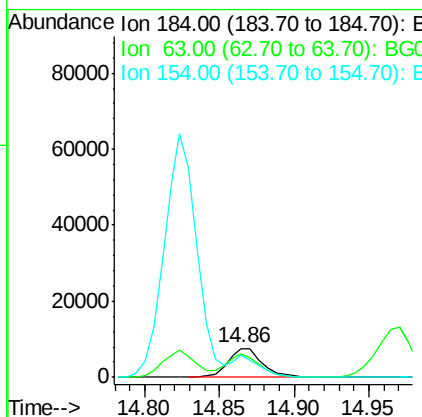
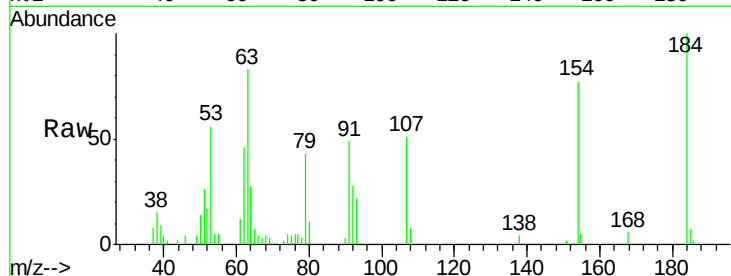
#53
2,4-Dinitrophenol
Concen: 41.00 ng
RT: 14.86 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Instrument :
BNA_G
ClientSampled :
EAST-1MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	12134		
63	83.1	57.0	85.6	
154	76.7	51.3	76.9	

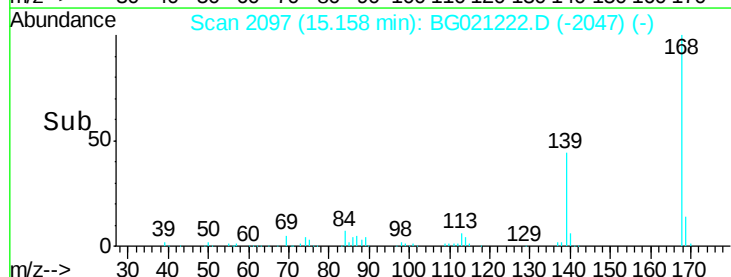
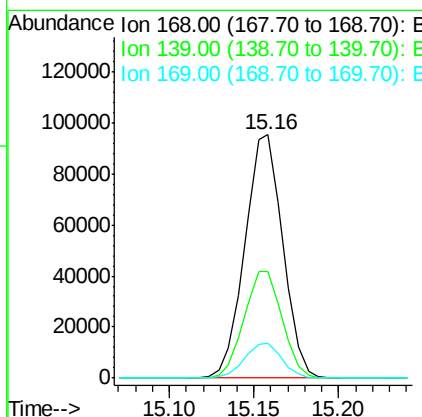
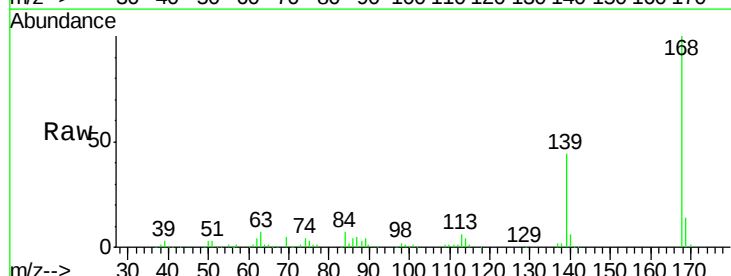
Manual Integrations
APPROVED

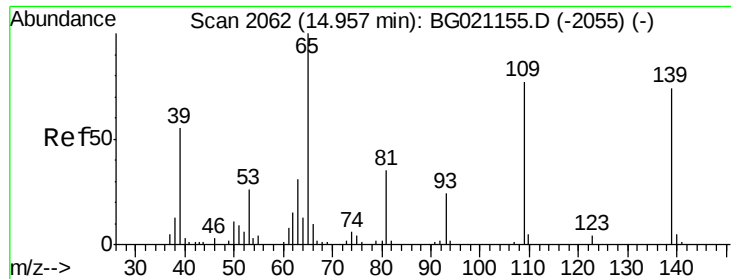
Sohil
3/3/2016 6:08:40 PM



#54
Dibenzofuran
Concen: 54.57 ng
RT: 15.16 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	148270		
139	43.6	29.8	44.8	
169	14.3	11.4	17.2	





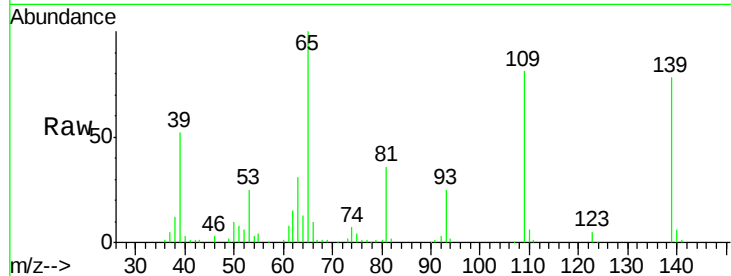
#55
4-Nitrophenol
Concen: 98.79 ng
RT: 14.97 min Scan# 2065
Delta R.T. 0.01 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Instrument :
BNA_G
ClientSampled :
EAST-1MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	103.5	54.1	94.1#
65	128.4	73.4	113.4#

Manual Integrations
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3/3/2016 6:08:40 PM

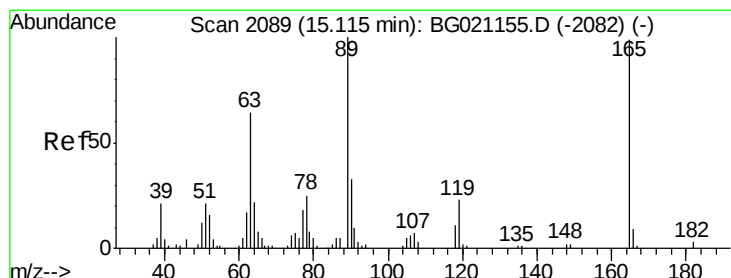
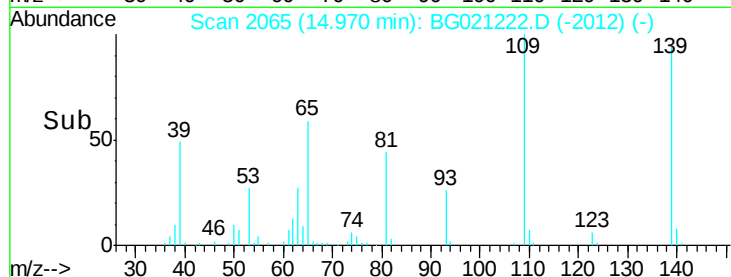
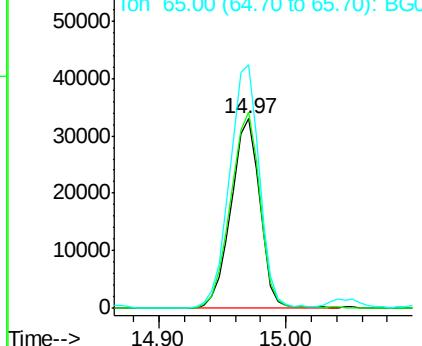


Abundance

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: 50.89 ng
RT: 15.12 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.4	34.1	51.1#
89	89.7	63.0	94.4
182	3.3	1.4	2.2#

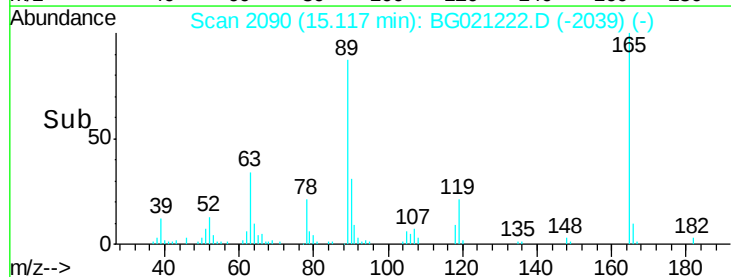
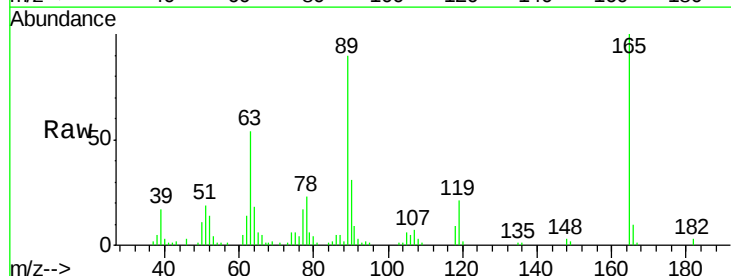
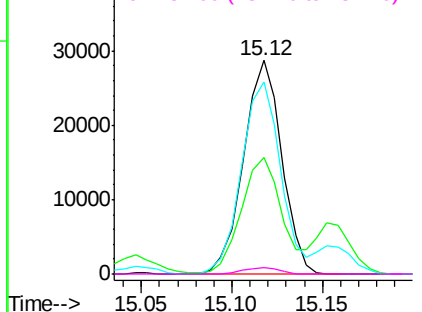
Abundance

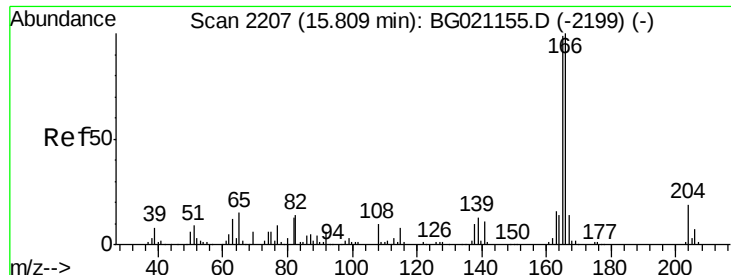
Ion 165.00 (164.70 to 165.70): E

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





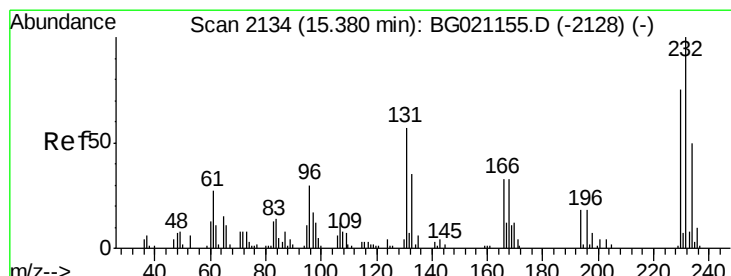
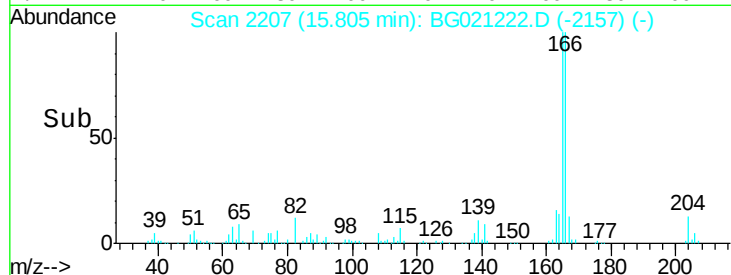
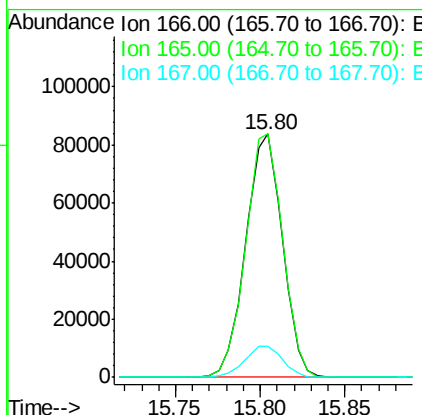
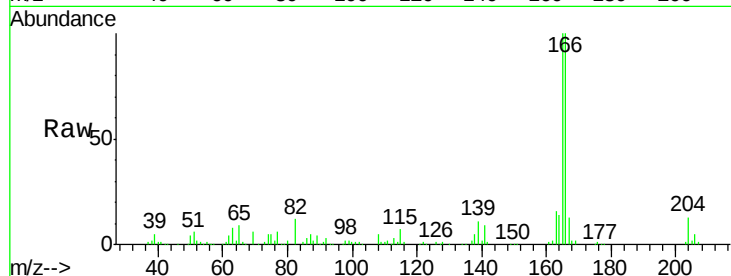
#57
 Fluorene
 Concen: 48.91 ng
 RT: 15.80 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	126606		
165	99.9	81.3	121.9	
167	12.9	10.6	16.0	

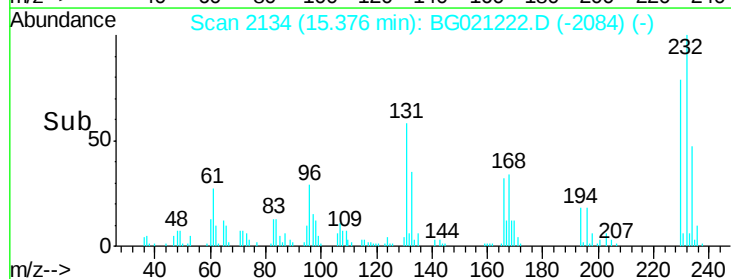
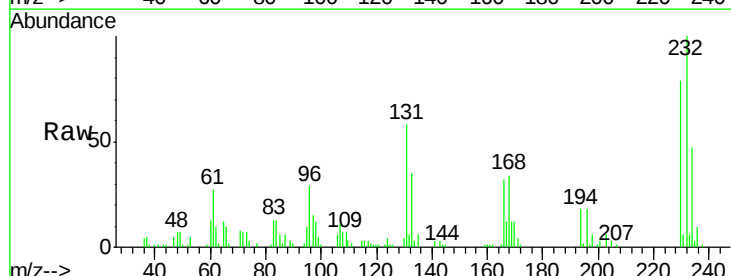
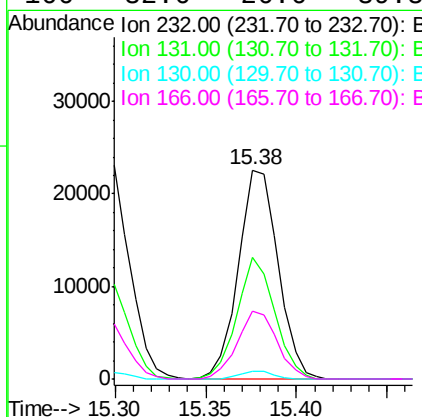
Manual Integrations
 APPROVED

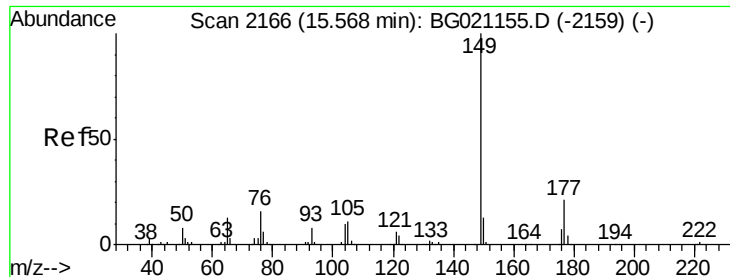
Sohil
 3/3/2016 6:08:40 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 58.12 ng
 RT: 15.38 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	34379		
131	55.3	41.4	62.2	
130	3.2	1.8	2.8	
166	32.6	26.6	39.8	





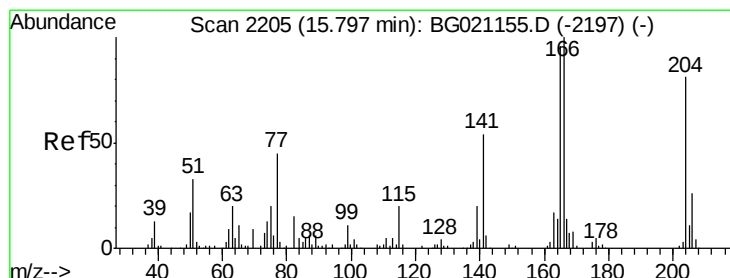
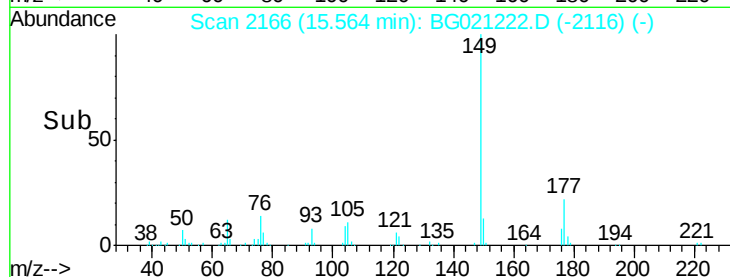
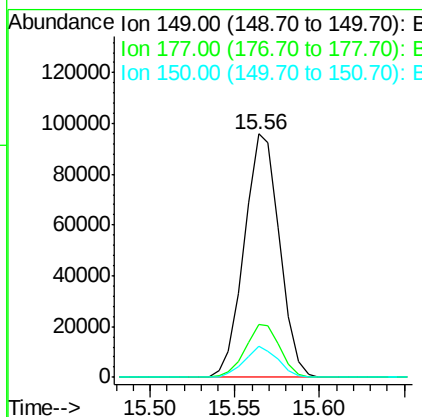
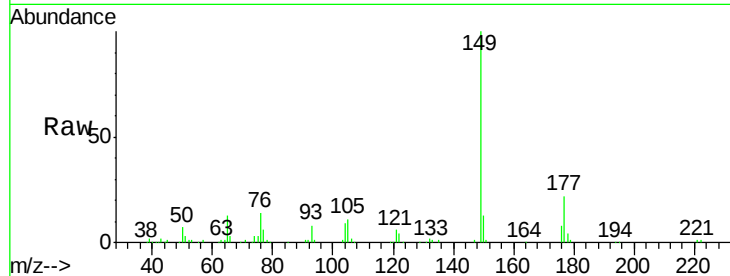
#59
Diethylphthalate
Concen: 45.93 ng
RT: 15.56 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Instrument :
BNA_G
ClientSampleId :
EAST-1MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.8	15.8	23.8
150	12.6	10.1	15.1

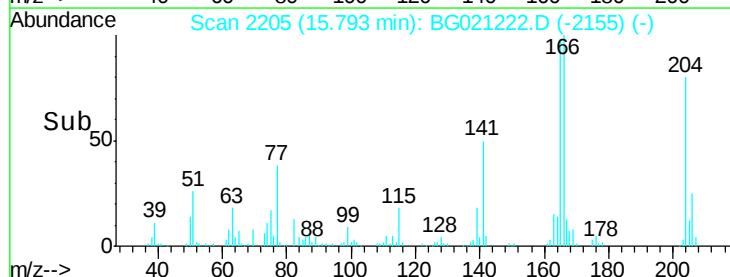
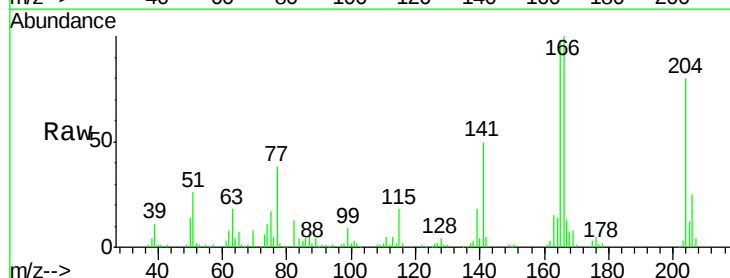
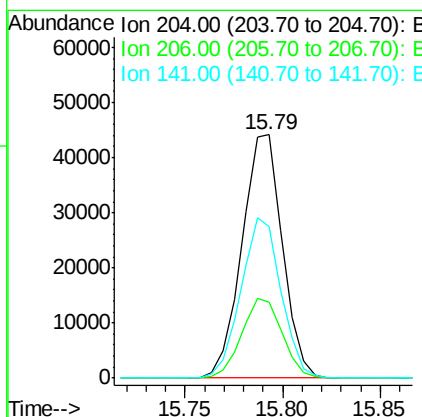
Manual Integrations
APPROVED

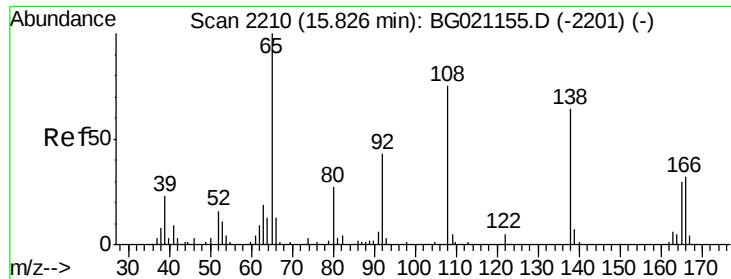
Sohil
3/3/2016 6:08:40 PM



#60
4-Chlorophenyl-phenylether
Concen: 49.02 ng
RT: 15.79 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.1	26.9	40.3
141	62.0	50.8	76.2





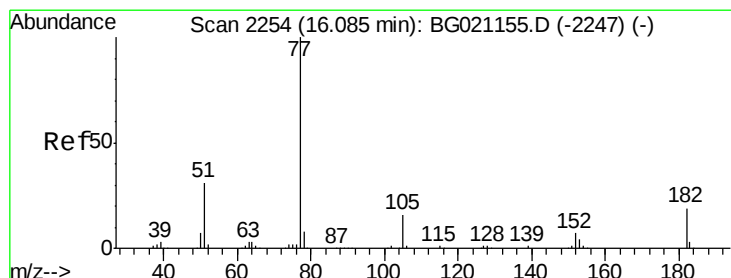
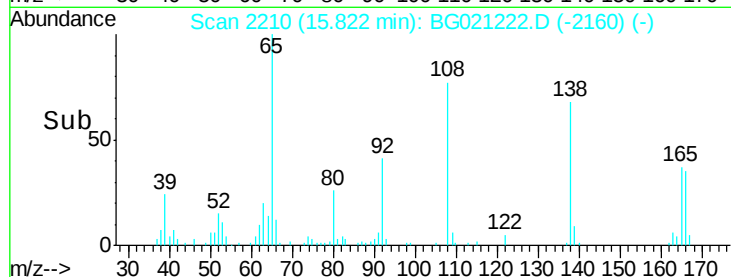
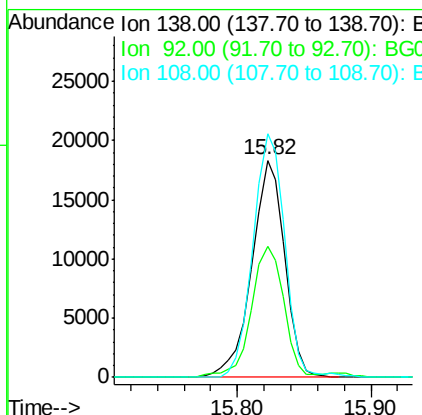
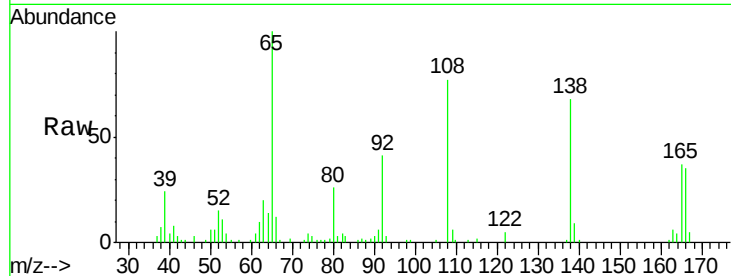
#61
4-Nitroaniline
Concen: 45.89 ng
RT: 15.82 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Instrument :
BNA_G
ClientSampled :
EAST-1MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	31090		
92	60.3	28.0	68.0	
108	112.2	52.6	92.6#	

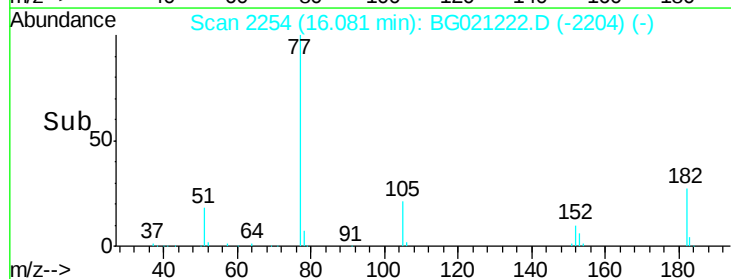
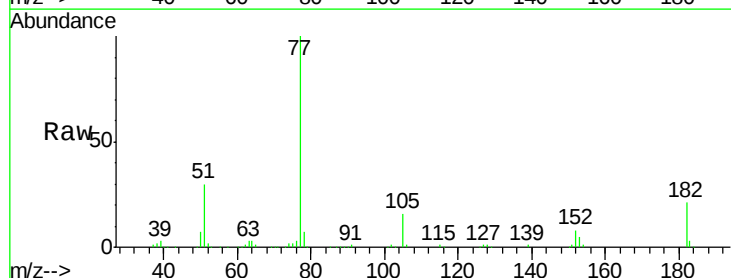
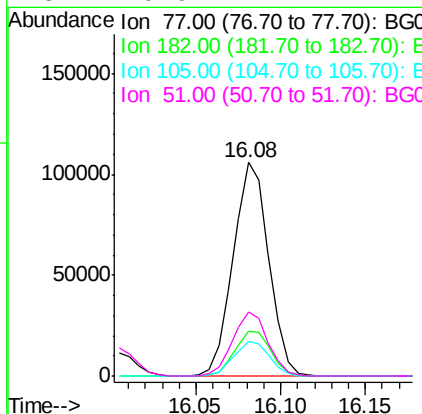
Manual Integrations
APPROVED

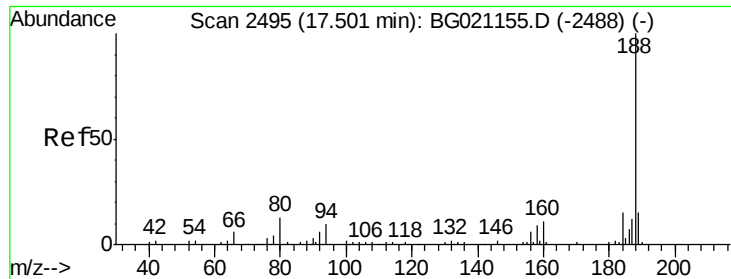
Sohil
3/3/2016 6:08:40 PM



#62
Azobenzene
Concen: 47.83 ng
RT: 16.08 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	155166		
182	20.9	0.7	40.7	
105	16.3	0.0	38.3	
51	29.9	4.4	44.4	





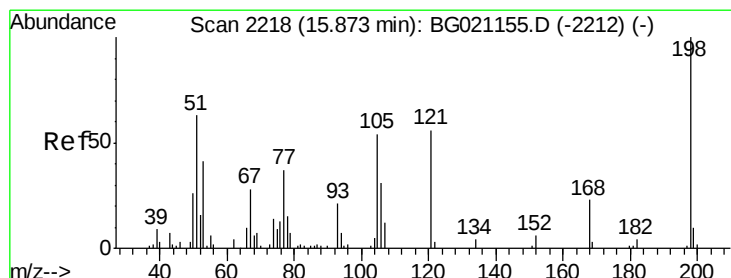
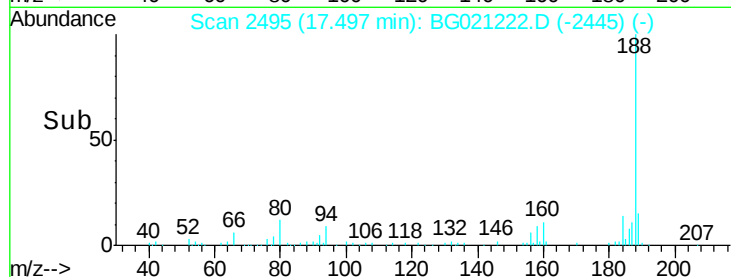
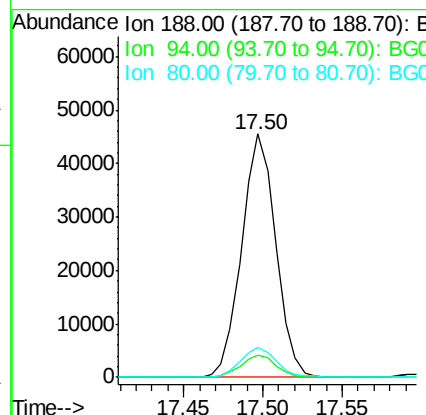
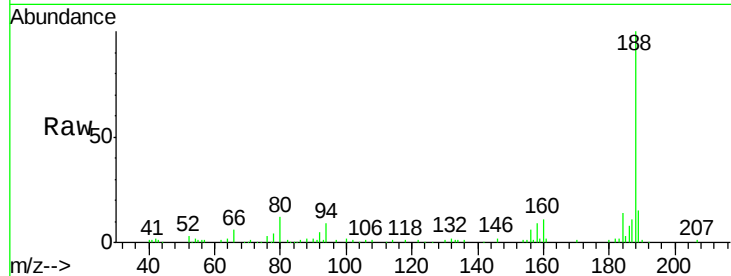
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Instrument :
BNA_G
ClientSampleId :
EAST-1MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	67870		
94	9.1		8.2	12.4
80	12.1		9.2	13.8

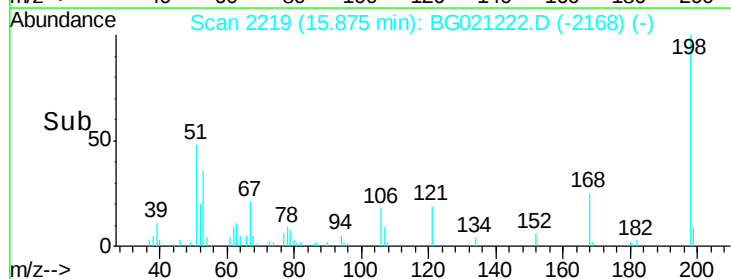
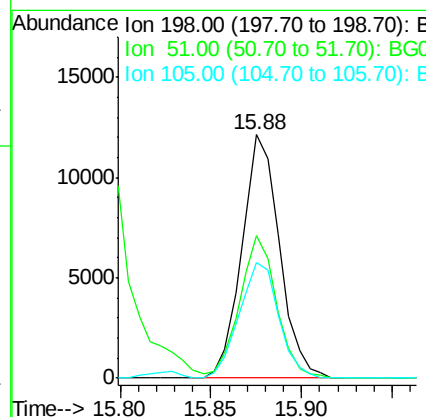
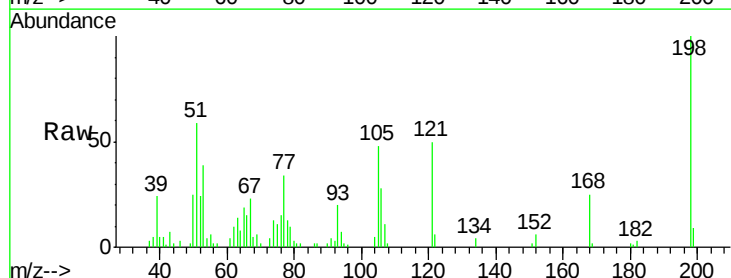
Manual Integrations
APPROVED

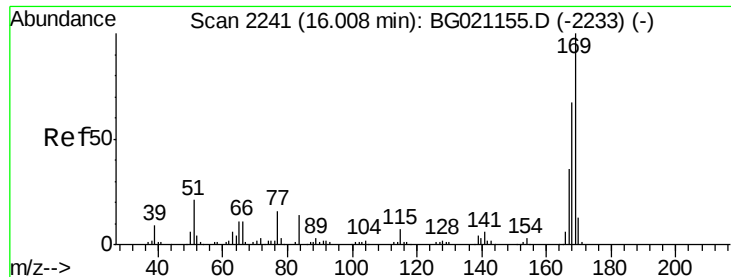
Sohil
3/3/2016 6:08:40 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 38.23 ng
RT: 15.88 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	17466		
51	58.7		30.4	70.4
105	47.5		32.8	72.8





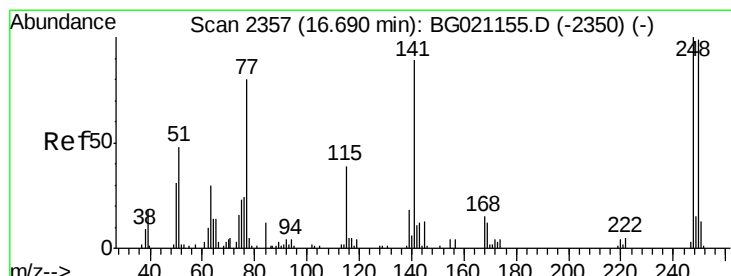
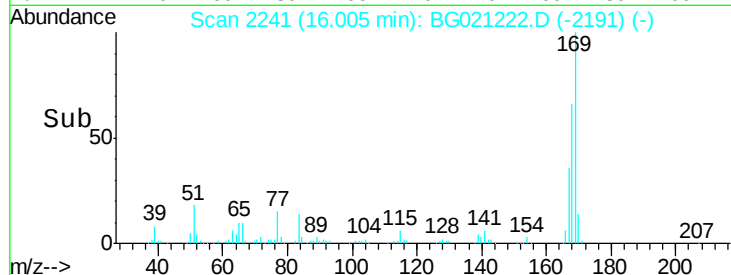
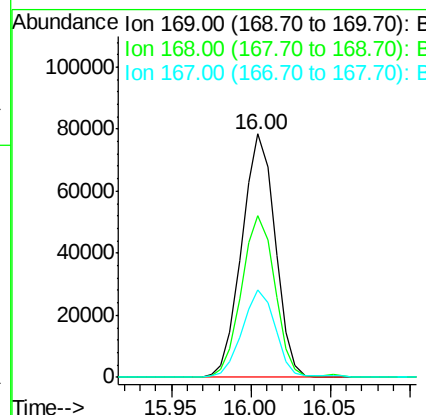
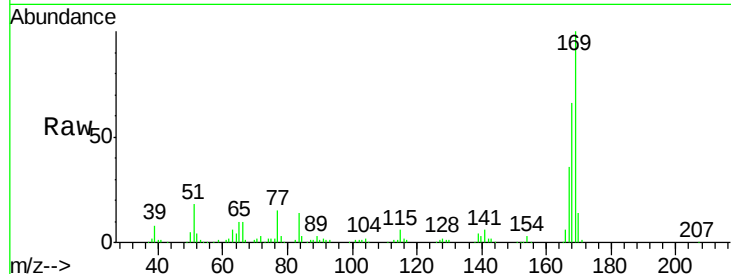
#65
 n-Nitrosodiphenylamine
 Concen: 54.80 ng
 RT: 16.00 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	114368		
168	66.4	58.2	87.2	
167	36.1	31.0	46.6	

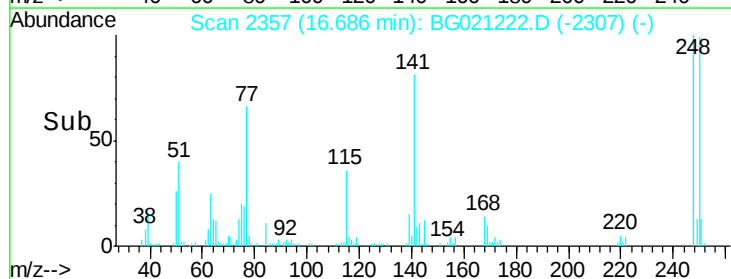
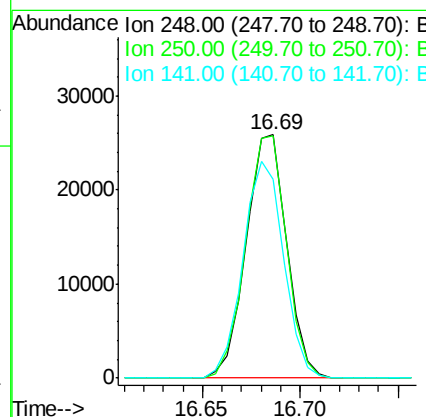
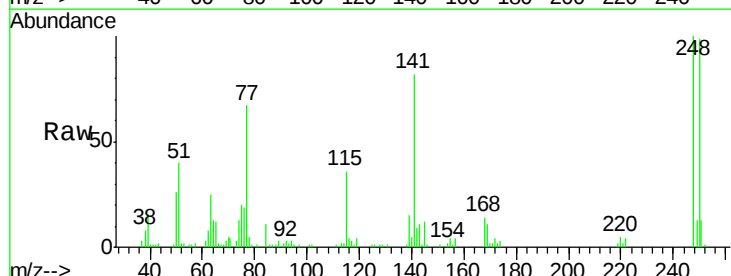
Manual Integrations
 APPROVED

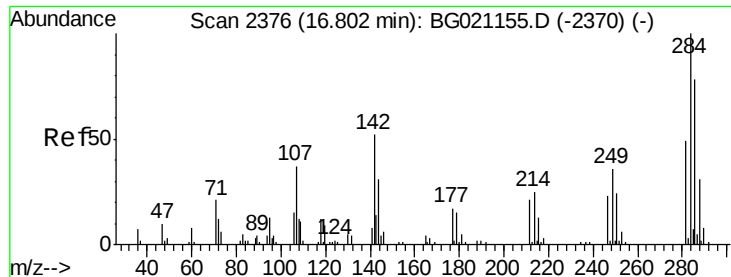
Sohil
 3/3/2016 6:08:40 PM



#66
 4-Bromophenyl-phenylether
 Concen: 52.41 ng
 RT: 16.69 min Scan# 2357
 Delta R.T. -0.00 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	37178		
250	99.4	76.4	114.6	
141	81.9	57.4	86.0	





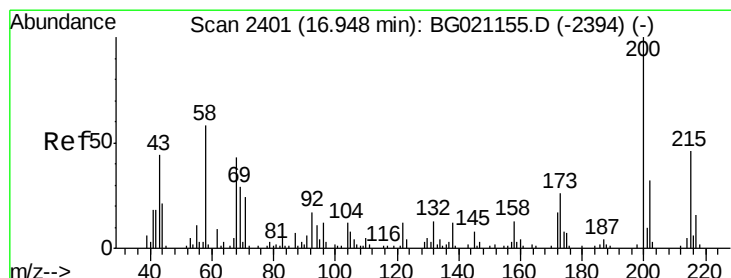
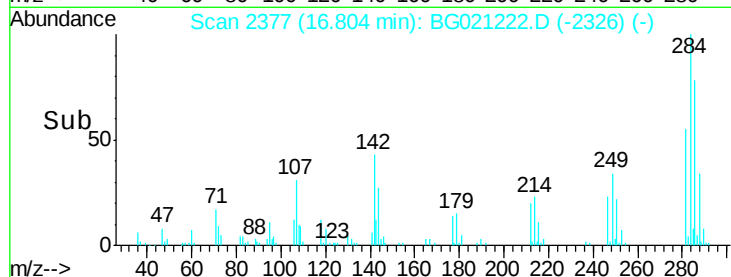
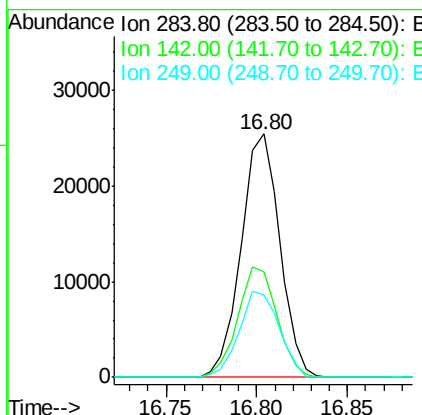
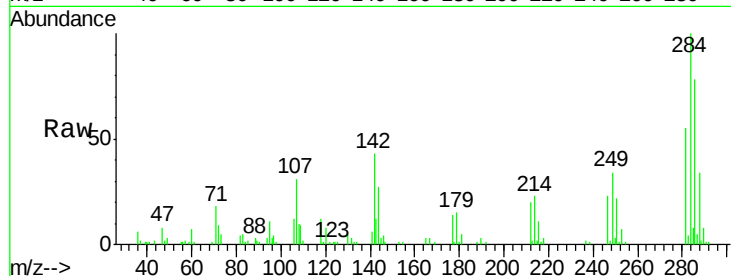
#67
Hexachlorobenzene
Concen: 54.86 ng
RT: 16.80 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Instrument :
BNA_G
ClientSampleId :
EAST-1MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	37770		
142	43.4	32.1	48.1	
249	36.2	24.0	36.0	

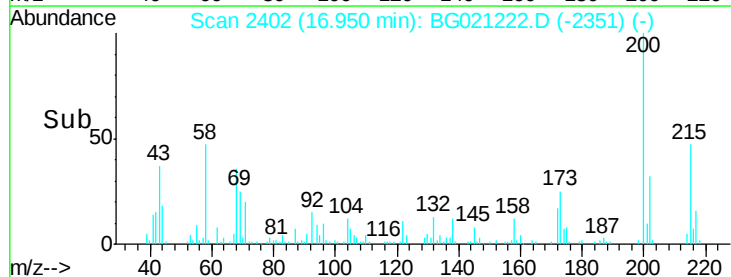
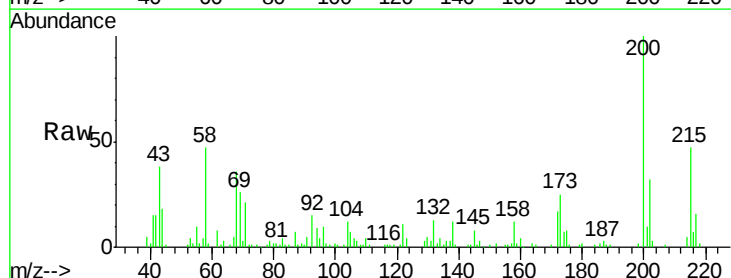
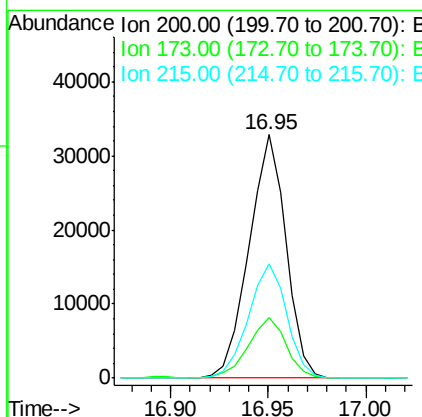
Manual Integrations
APPROVED

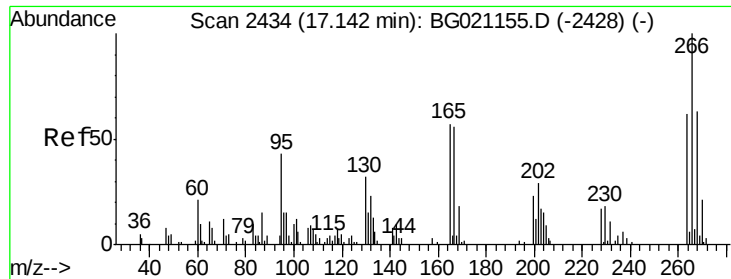
Sohil
3/3/2016 6:08:40 PM



#68
Atrazine
Concen: 60.06 ng
RT: 16.95 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	42920		
173	24.7	3.9	43.9	
215	47.2	29.0	69.0	





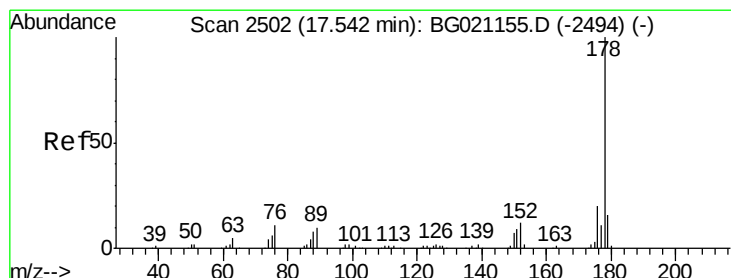
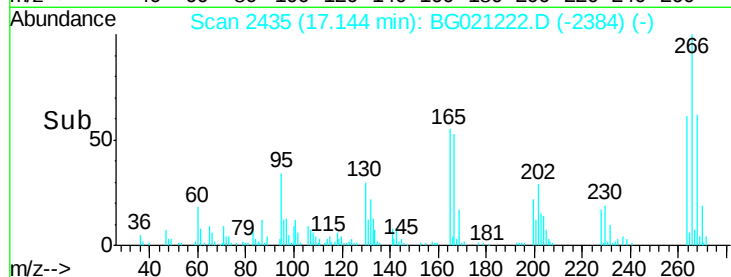
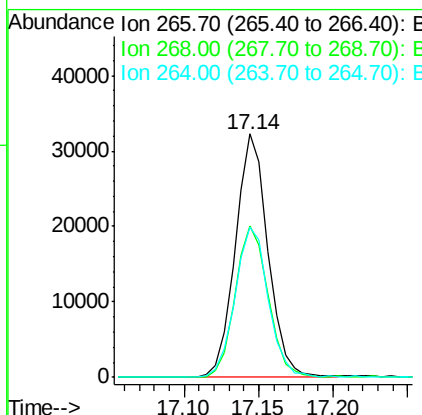
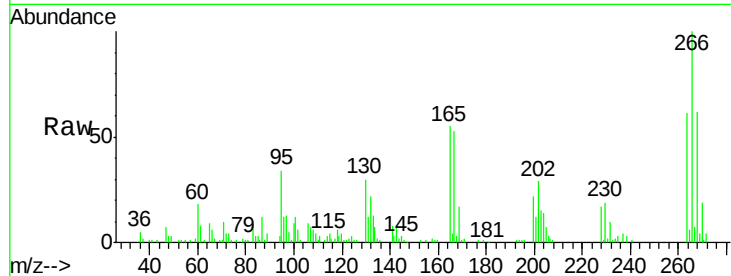
#69
 Pentachlorophenol
 Concen: 108.92 ng
 RT: 17.14 min Scan# 2435
 Delta R.T. 0.00 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.0	76.6
264	67.0	47.8	71.8

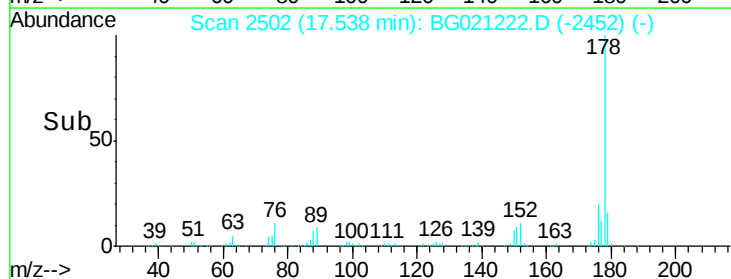
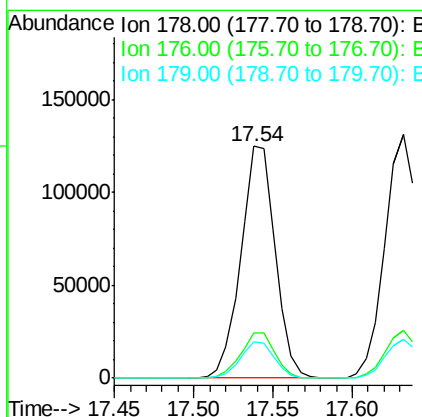
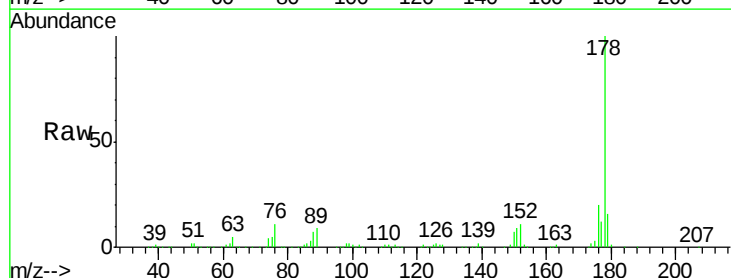
Manual Integrations
 APPROVED

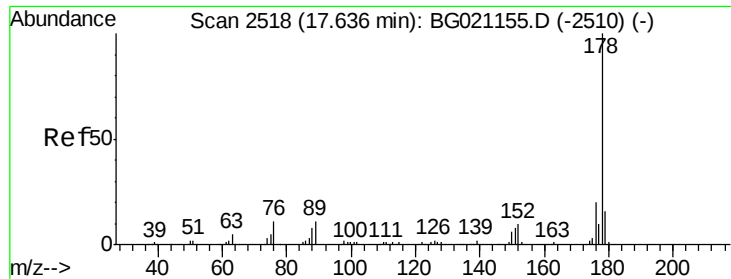
Sohil
 3/3/2016 6:08:40 PM



#70
 Phenanthrene
 Concen: 51.23 ng
 RT: 17.54 min Scan# 2502
 Delta R.T. -0.00 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.9	12.9	19.3





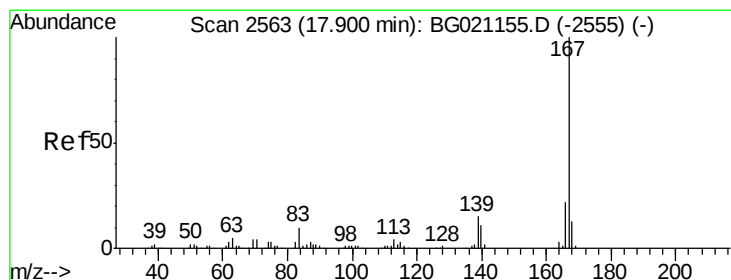
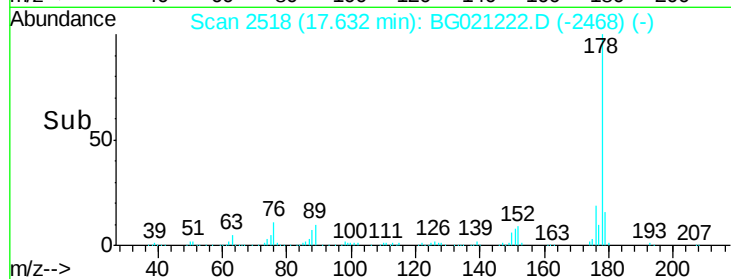
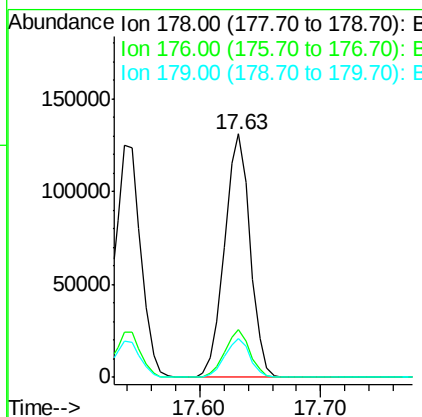
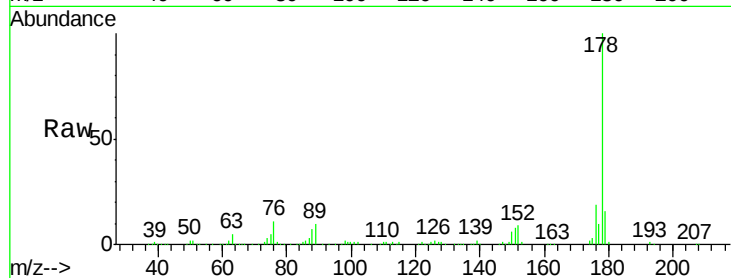
#71
 Anthracene
 Concen: 51.43 ng
 RT: 17.63 min Scan# 2518
 Delta R.T. -0.00 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MS

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

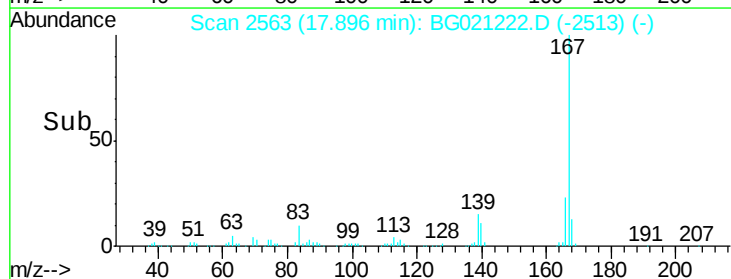
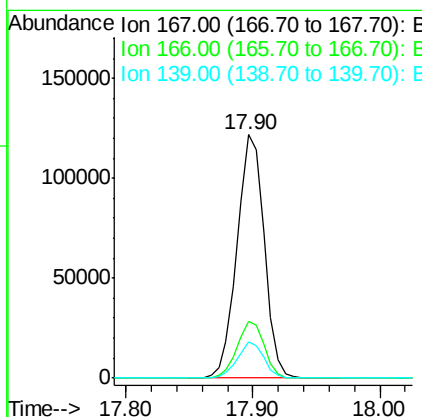
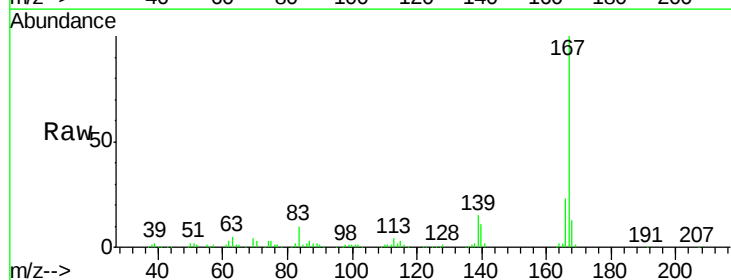
Manual Integrations
 APPROVED

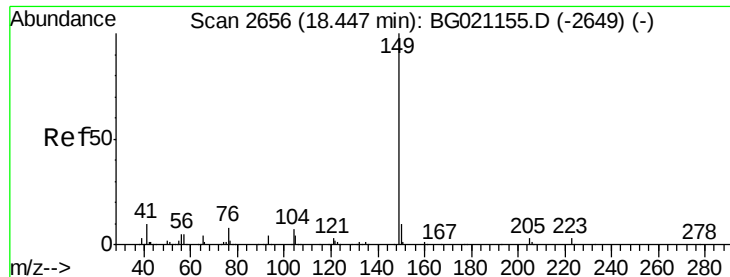
Sohil
 3/3/2016 6:08:40 PM



#72
 Carbazole
 Concen: 54.17 ng
 RT: 17.90 min Scan# 2563
 Delta R.T. -0.00 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.5	26.3
139	14.8	10.3	15.5





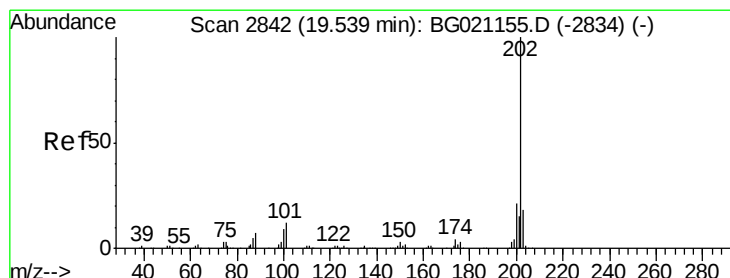
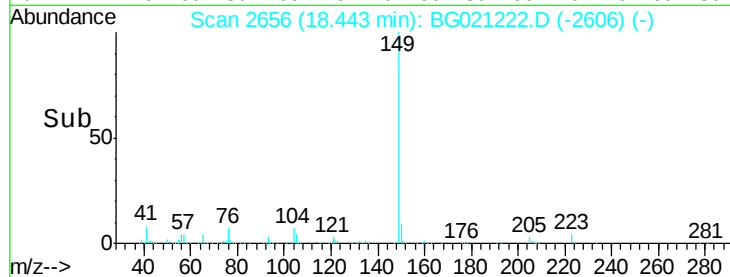
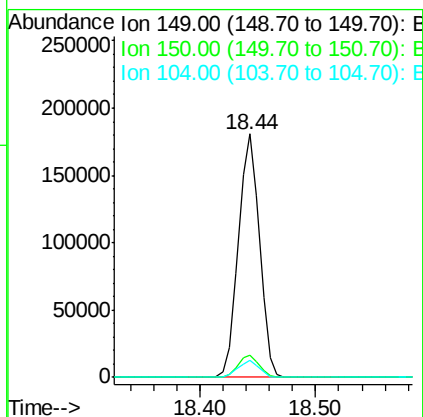
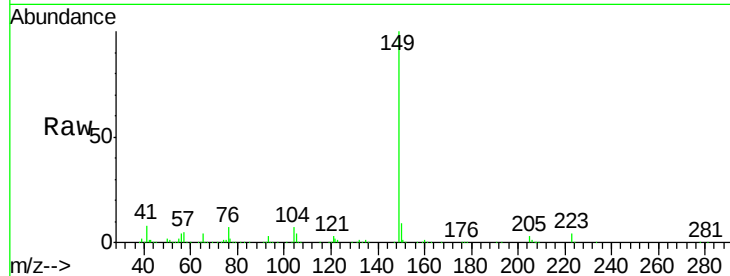
#73
Di-n-butylphthalate
Concen: 49.05 ng
RT: 18.44 min Scan# 2656
Delta R.T. -0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Instrument :
BNA_G
ClientSampleId :
EAST-1MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.3	7.6	11.4
104	6.8	4.1	6.1

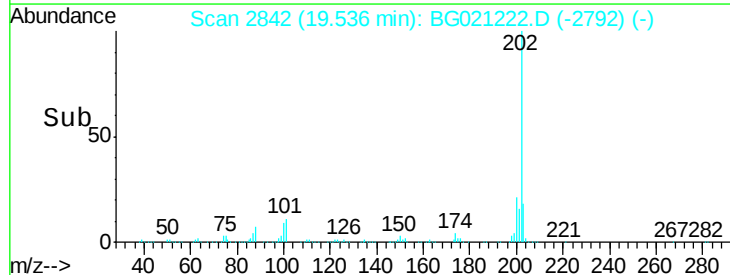
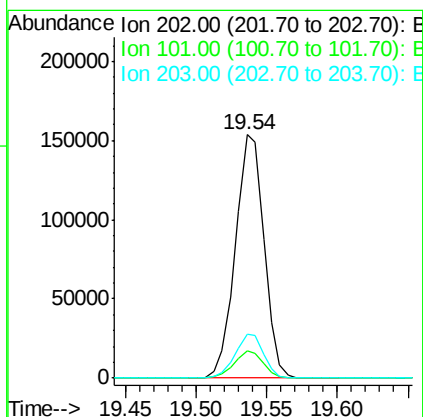
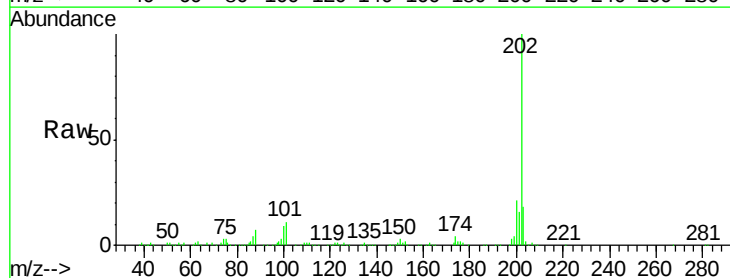
Manual Integrations
APPROVED

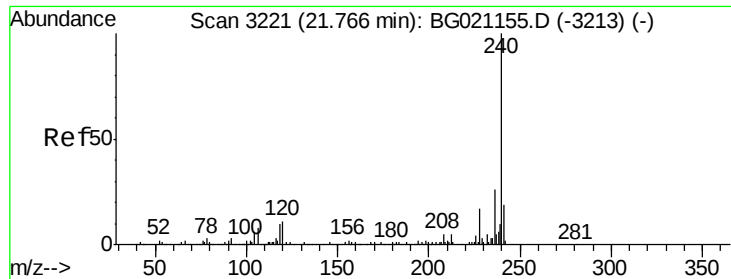
Sohil
3/3/2016 6:08:40 PM



#74
Fluoranthene
Concen: 50.54 ng
RT: 19.54 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	0.0	32.5
203	18.1	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: BG021222.D

Acq: 2 Mar 2016 21:00

Instrument :

BNA_G

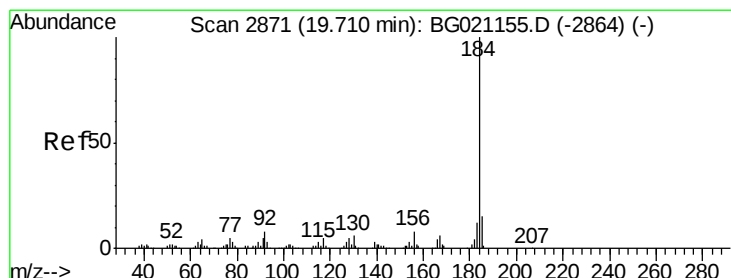
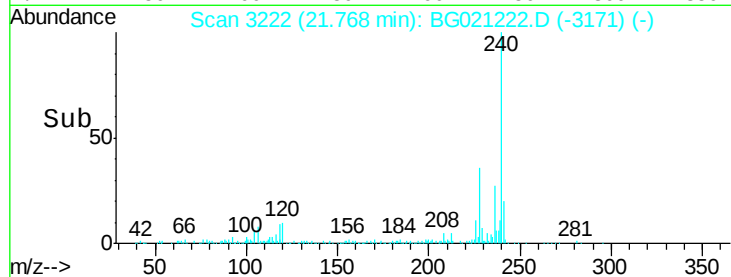
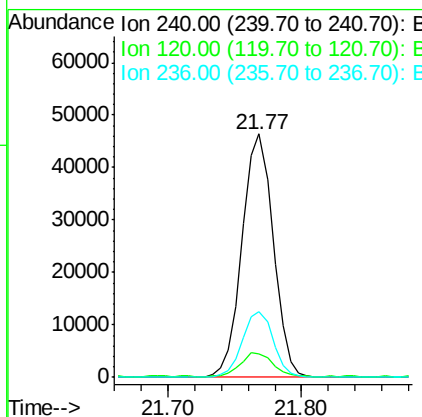
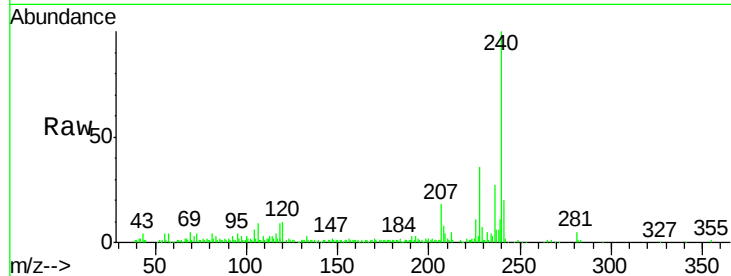
ClientSampleId :

EAST-1MS

Tot Ion:	240	Resp:	74841
Ion Ratio	Lower	Upper	
240	100		
120	9.7	7.5	11.3
236	27.0	20.5	30.7

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#76

Benzidine

Concen: 37.72 ng

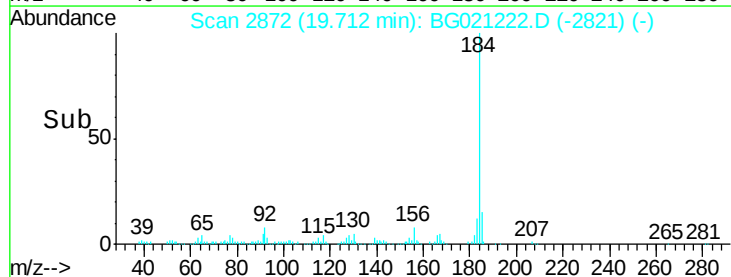
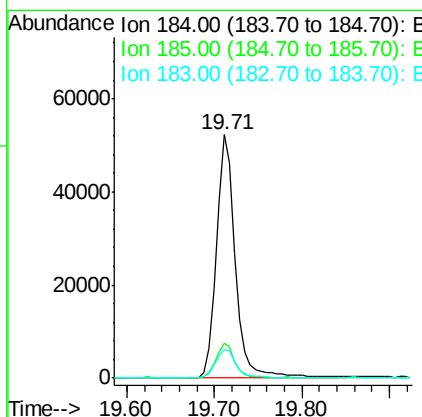
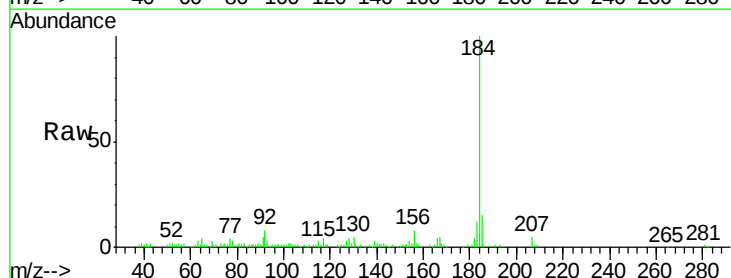
RT: 19.71 min Scan# 2872

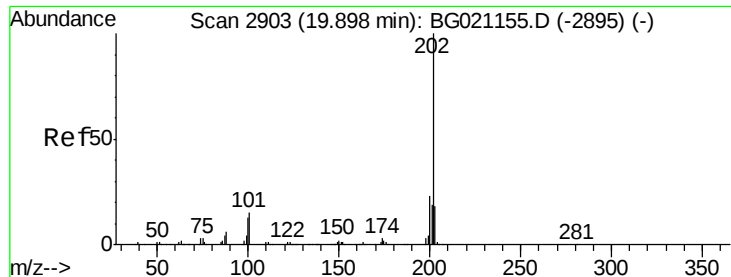
Delta R.T. 0.00 min

Lab File: BG021222.D

Acq: 2 Mar 2016 21:00

Tgt Ion:	184	Resp:	78991
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.5	17.3
183	11.9	10.1	15.1





#77

Pvrene

Concen: 49.77 ng

RT: 19.90 min Scan# 2904

Delta R.T. 0.00 min

Lab File: BG021222.D

Acq: 2 Mar 2016 21:00

Instrument :

BNA_G

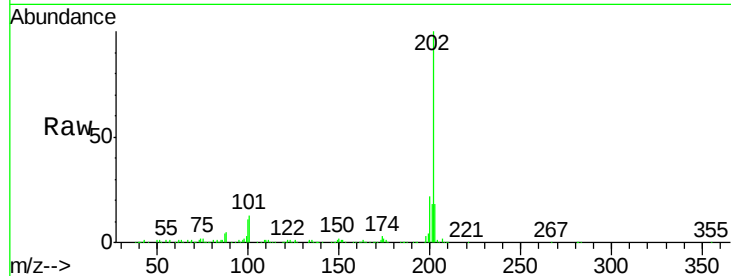
ClientSampleId :

EAST-1MS

Tot Ion:	202	Resp:	222203
Ion Ratio		Lower	Upper
202	100		
200	22.2	16.6	25.0
203	18.1	13.8	20.8

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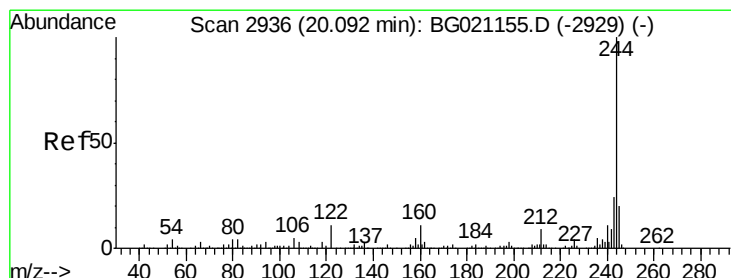
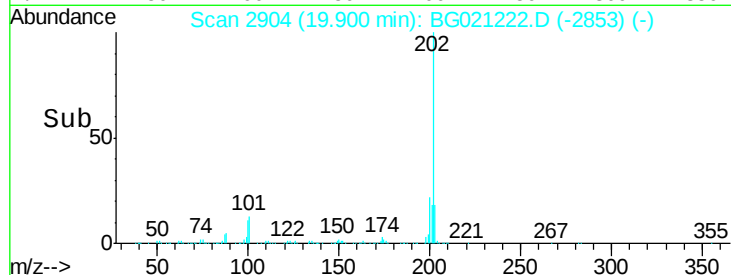
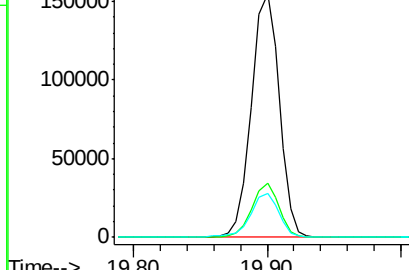
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.90



#78

Terphenyl-d14

Concen: 100.68 ng

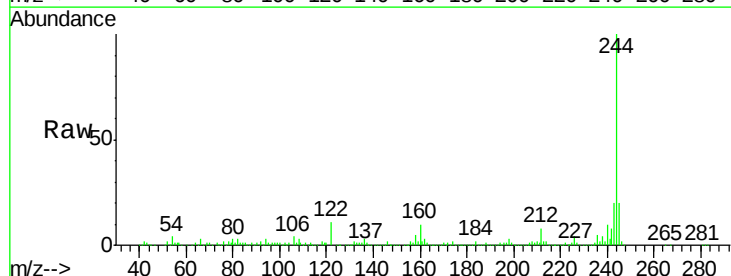
RT: 20.09 min Scan# 2936

Delta R.T. -0.00 min

Lab File: BG021222.D

Acq: 2 Mar 2016 21:00

Tgt Ion:	244	Resp:	311012
Ion Ratio		Lower	Upper
244	100		
212	8.4	5.8	8.6
122	10.8	8.3	12.5



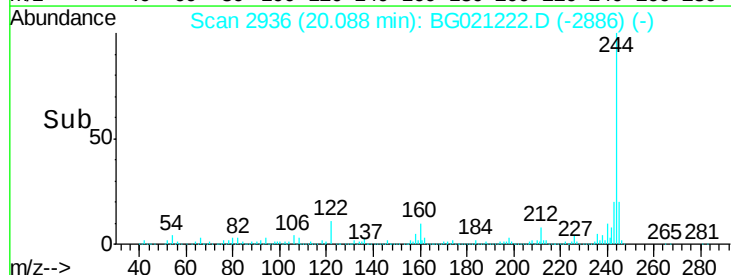
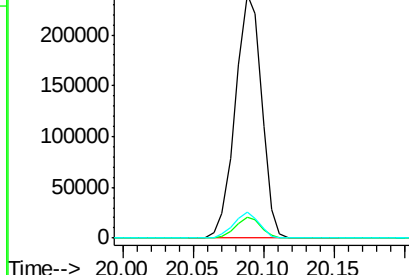
Abundance

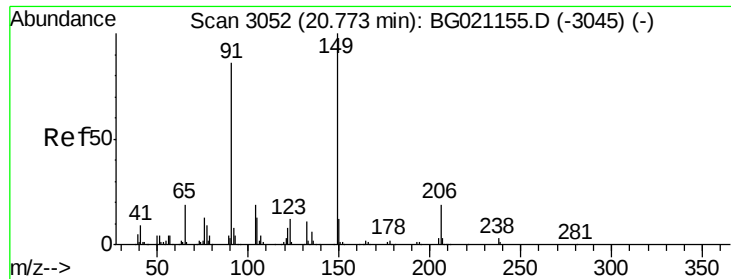
Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.09





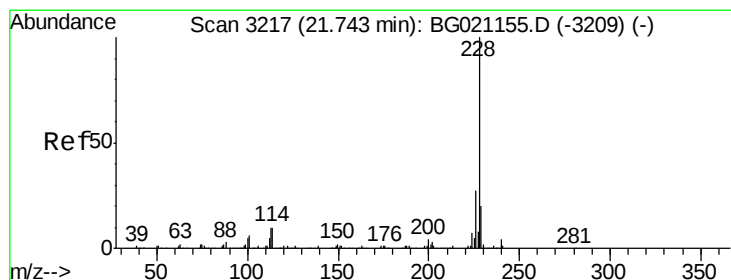
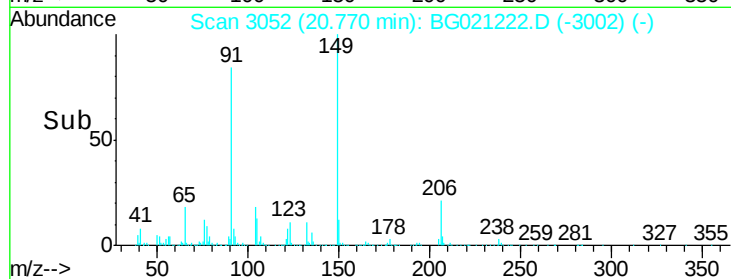
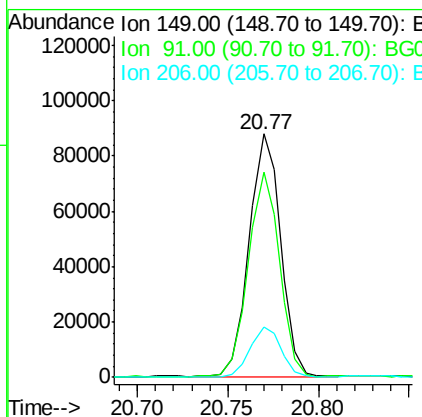
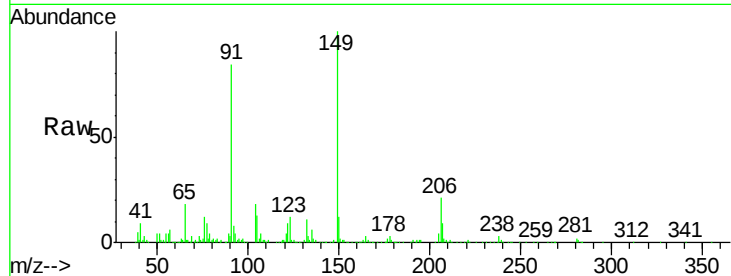
#79
Butylbenzylphthalate
Concen: 46.72 ng
RT: 20.77 min Scan# 3052
Delta R.T. -0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Instrument :
BNA_G
ClientSampleId :
EAST-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
91	84.2	58.6		87.8	
206	20.9	14.2		21.4	

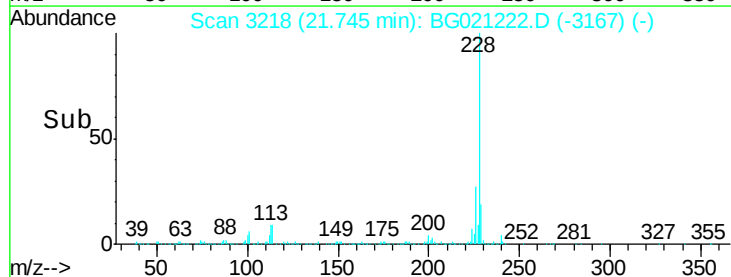
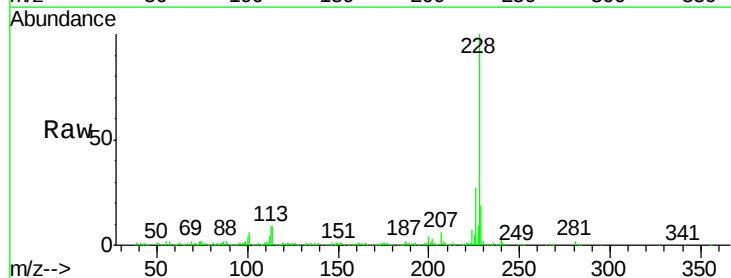
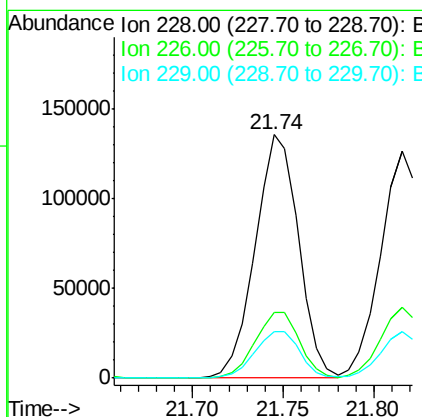
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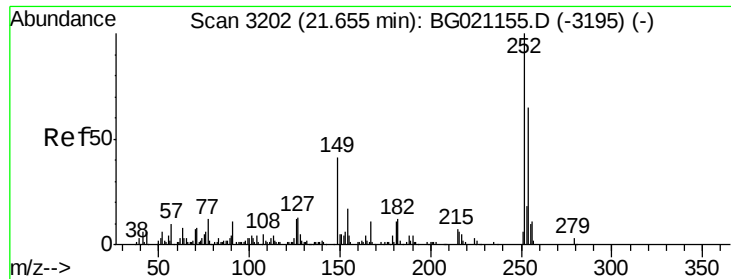
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#80
Benzo(a)anthracene
Concen: 50.85 ng
RT: 21.74 min Scan# 3218
Delta R.T. 0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	27.2	22.7		34.1	
229	19.1	15.5		23.3	





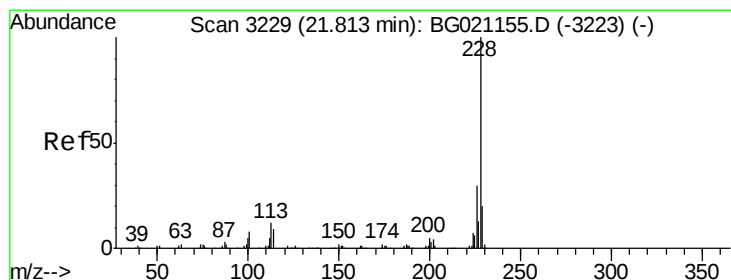
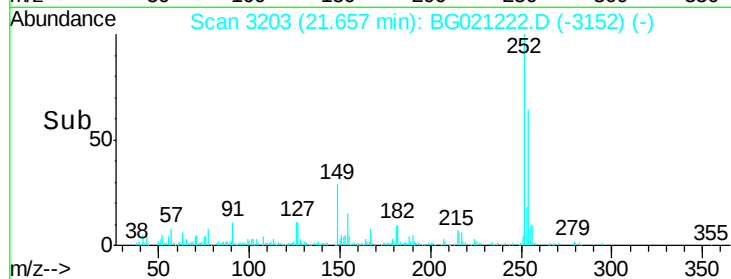
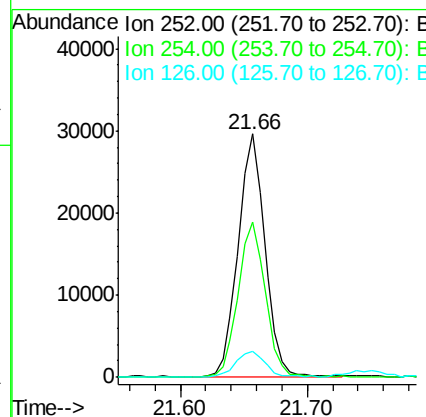
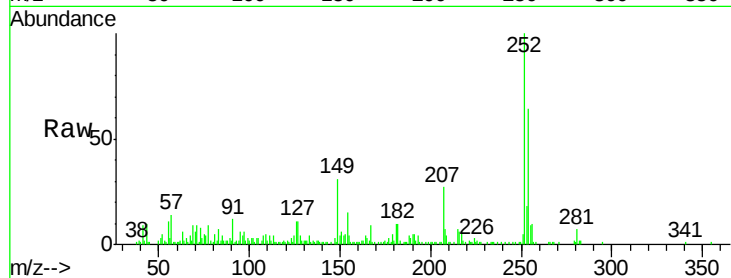
#81
 3,3'-Dichlorobenzidine
 Concen: 26.05 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. 0.00 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	52.6	79.0
126	10.9	8.3	12.5

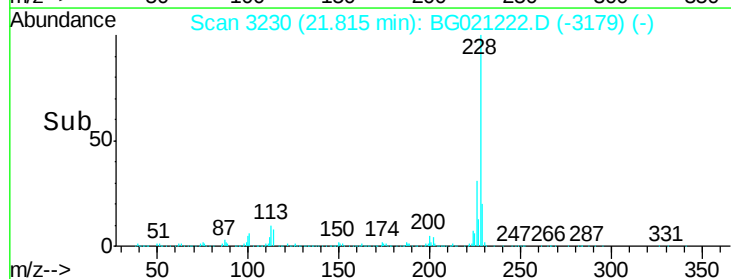
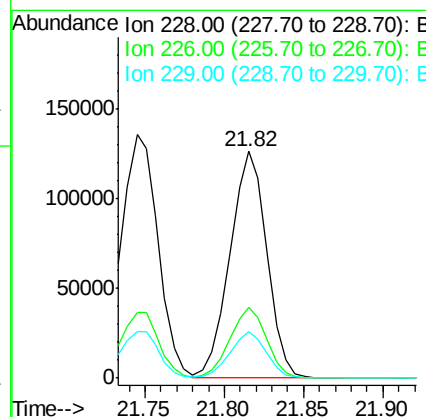
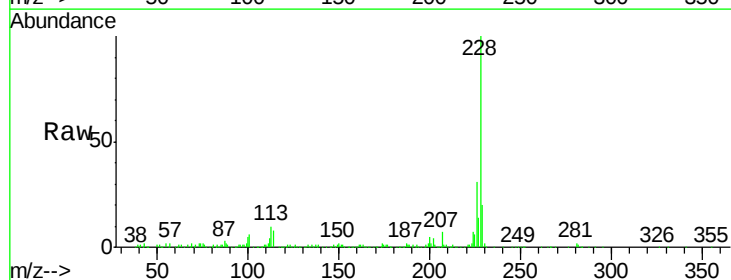
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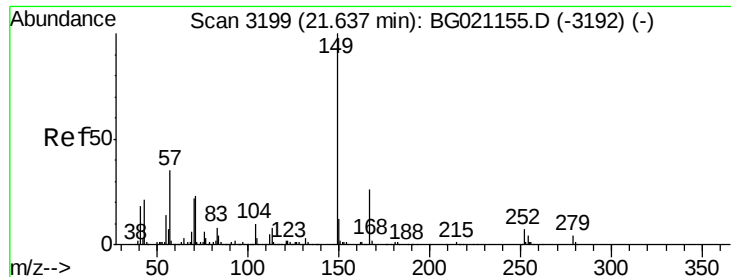
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#82
 Chrysene
 Concen: 48.08 ng
 RT: 21.82 min Scan# 3230
 Delta R.T. 0.00 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.7	35.5
229	20.3	16.7	25.1





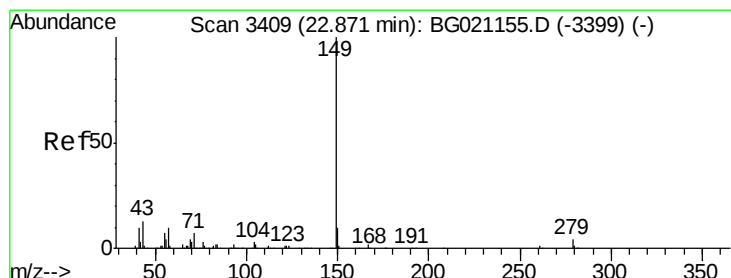
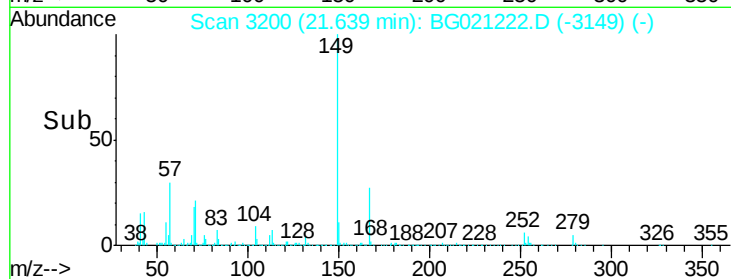
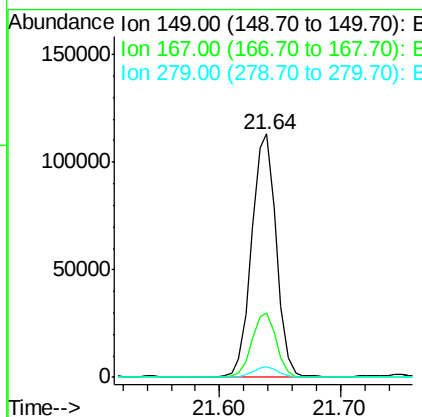
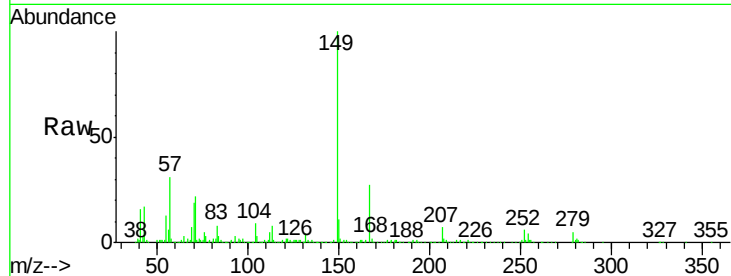
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.60 ng
 RT: 21.64 min Scan# 3200
 Delta R.T. 0.00 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	158977		
167	26.7	18.9	28.3	
279	4.6	3.0	4.6#	

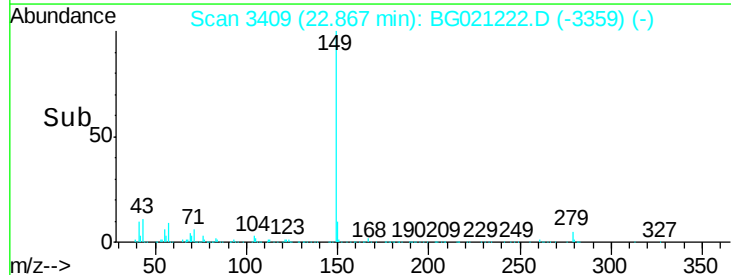
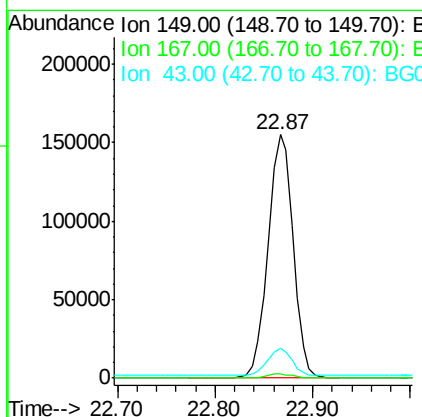
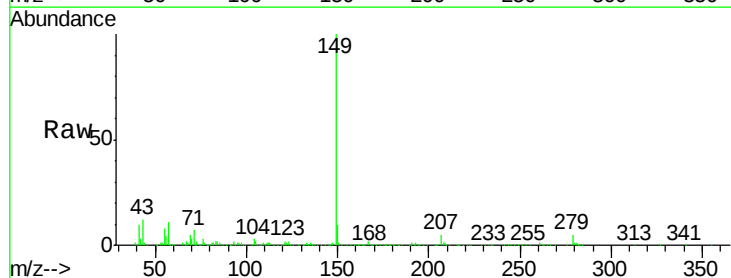
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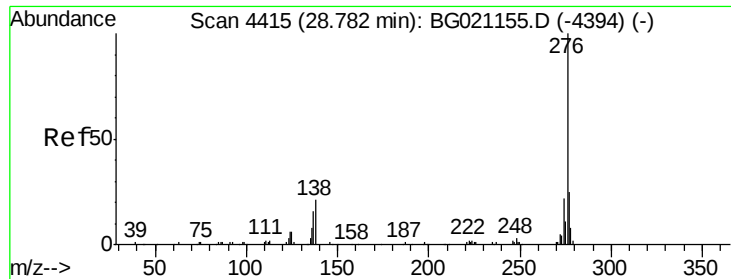
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#84
 Di-n-octyl phthalate
 Concen: 49.78 ng
 RT: 22.87 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	276917		
167	1.9	1.1	1.7#	
43	11.3	9.8	14.8	





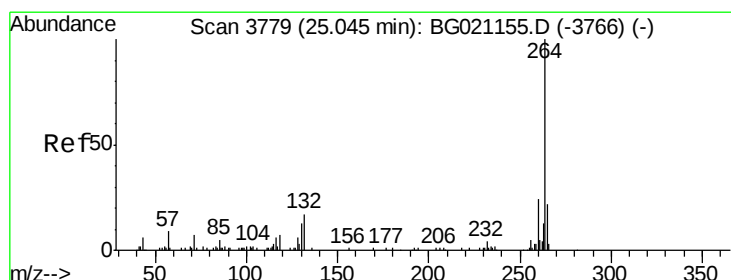
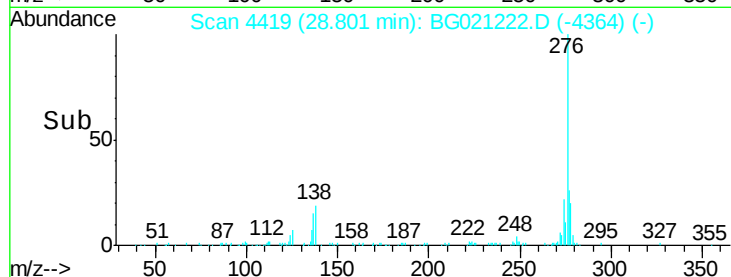
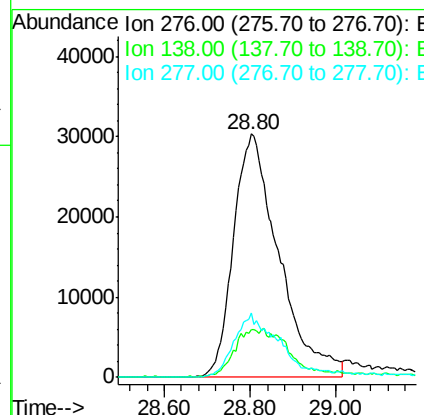
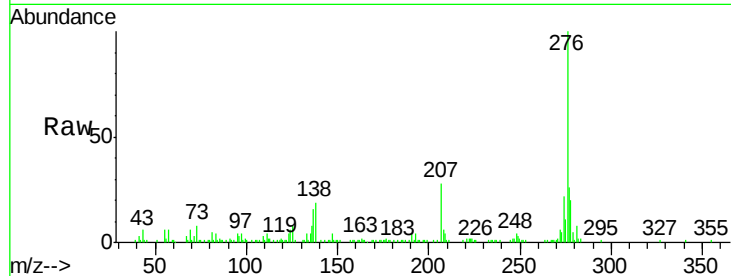
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.33 ng
 RT: 28.80 min Scan# 4419
 Delta R.T. 0.02 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.6	16.0	24.0#
277	25.8	16.0	24.0#

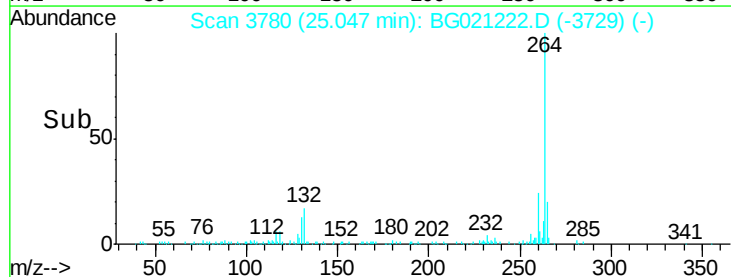
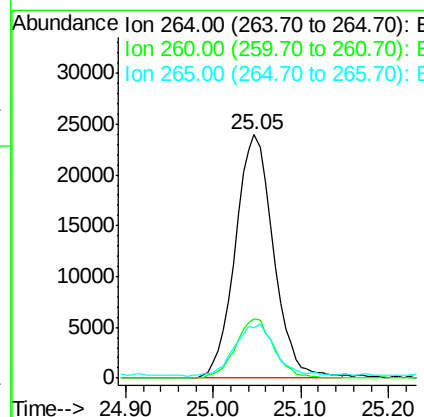
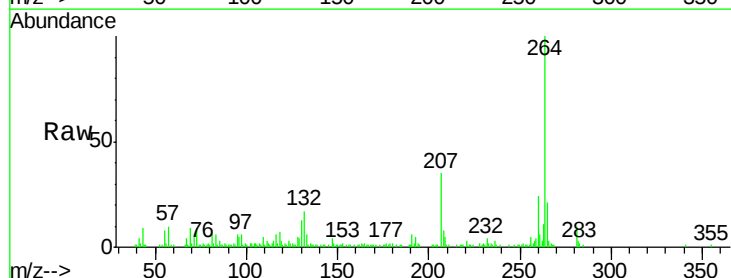
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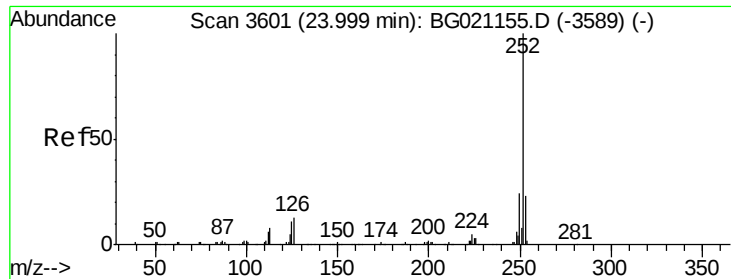
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.05 min Scan# 3780
 Delta R.T. 0.00 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.5	27.7
265	20.9	18.6	28.0





#87

Benzo(b)fluoranthene

Concen: 50.13 ng

RT: 24.01 min Scan# 3603

Delta R.T. 0.01 min

Lab File: BG021222.D

Acq: 2 Mar 2016 21:00

Instrument :

BNA_G

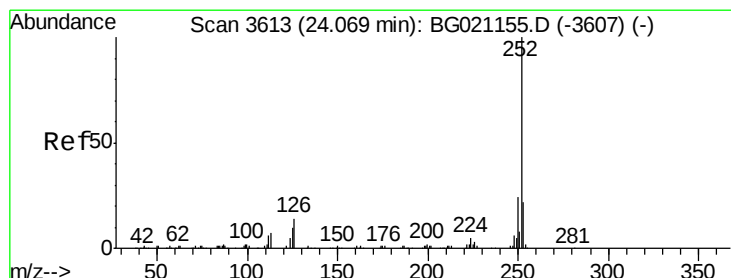
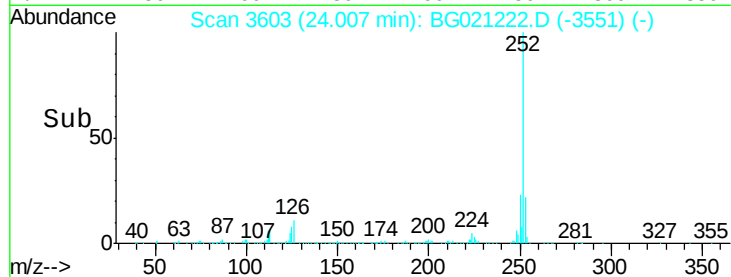
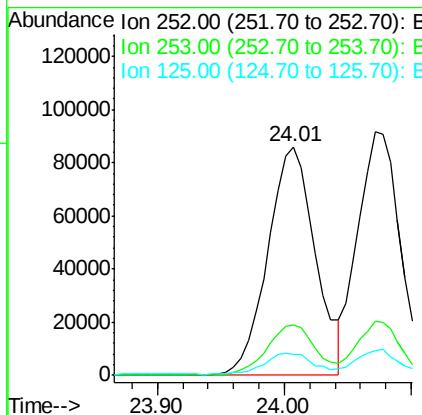
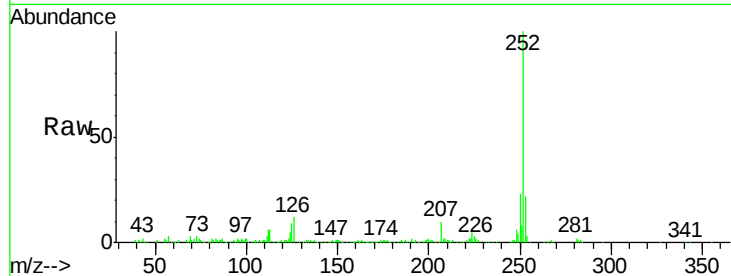
ClientSampleId :

EAST-1MS

Tot Ion:	252	Resp:	224344
Ion Ratio	Lower	Upper	
252	100		
253	22.2	16.8	25.2
125	9.0	8.2	12.2

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 47.34 ng

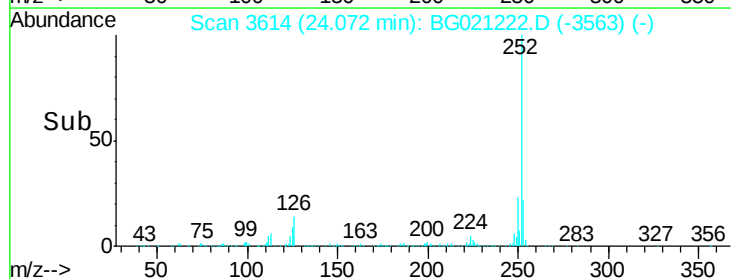
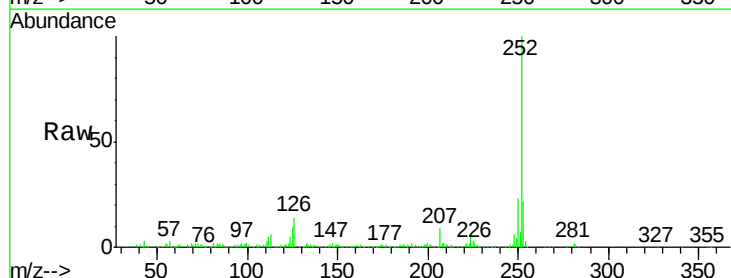
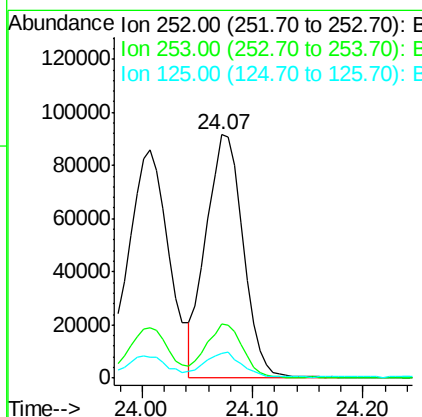
RT: 24.07 min Scan# 3614

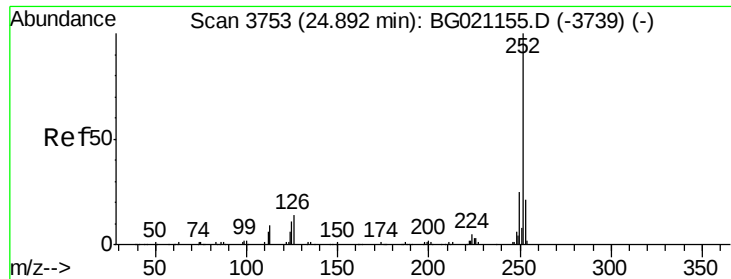
Delta R.T. 0.00 min

Lab File: BG021222.D

Acq: 2 Mar 2016 21:00

Tgt Ion:	252	Resp:	212147
Ion Ratio	Lower	Upper	
252	100		
253	22.1	16.4	24.6
125	10.0	8.2	12.2





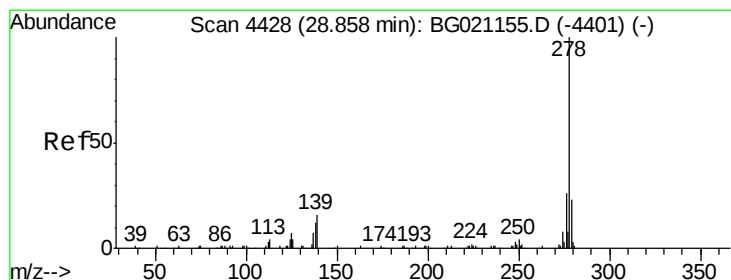
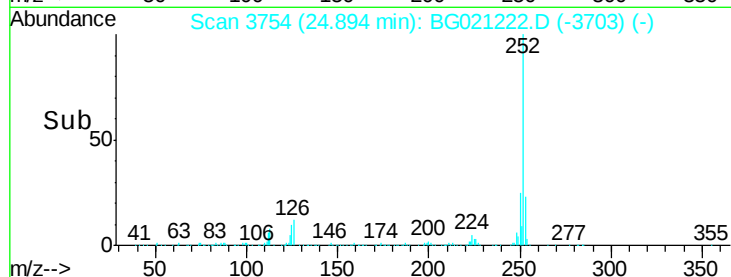
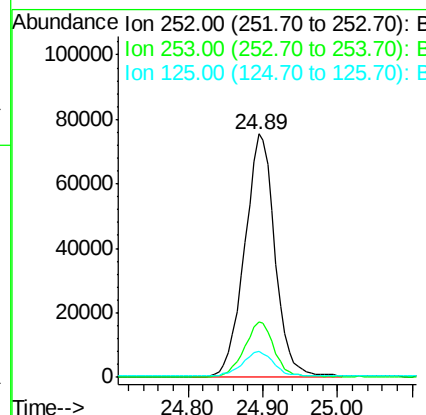
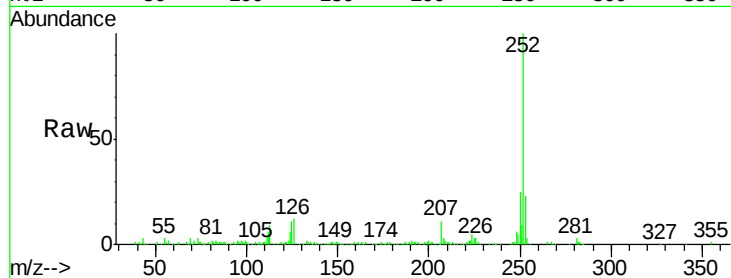
#89
Benzo(a)pyrene
Concen: 49.39 ng
RT: 24.89 min Scan# 3754
Delta R.T. 0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Instrument :
BNA_G
ClientSampleId :
EAST-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	15.8	23.8
125	10.7	8.4	12.6

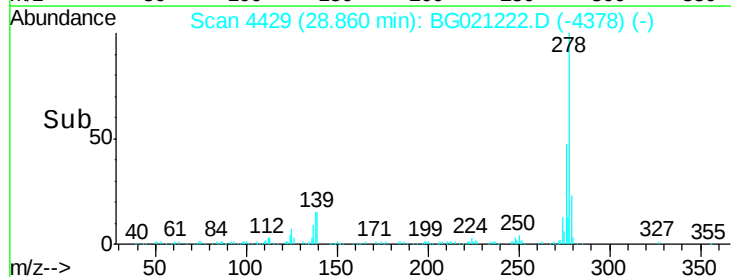
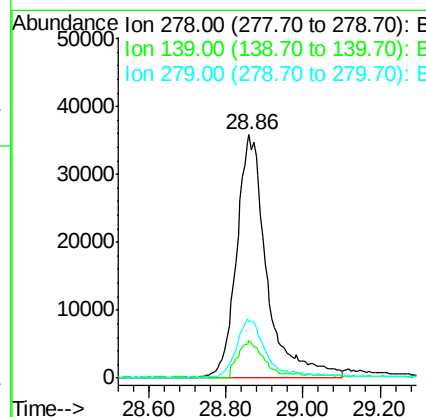
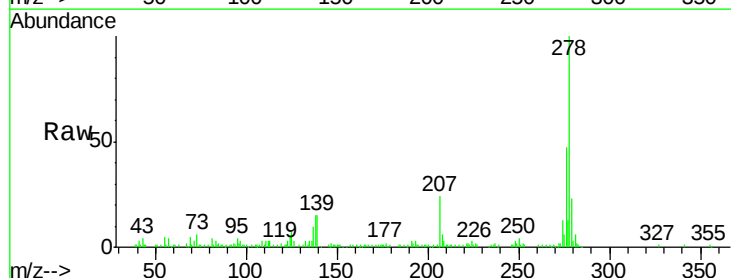
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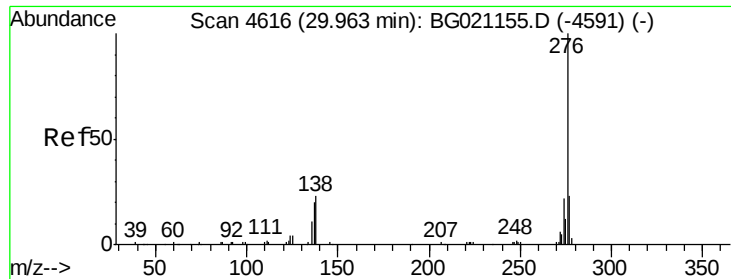
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#90
Dibenzo(a,h)anthracene
Concen: 46.24 ng
RT: 28.86 min Scan# 4429
Delta R.T. 0.00 min
Lab File: BG021222.D
Acq: 2 Mar 2016 21:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	10.6	15.8
279	23.4	19.7	29.5





#91
 Benzo(a,h,i)perylene
 Concen: 38.27 ng/ml
 RT: 29.99 min Scan# 4621
 Delta R.T. 0.03 min
 Lab File: BG021222.D
 Acq: 2 Mar 2016 21:00

Instrument :
 BNA_G
 ClientSampleId :
 EAST-1MS

Tot Ion:	276	Resp:	158241
Ion Ratio	Lower	Upper	
276	100		
277	23.9	16.6	25.0
138	18.2	14.6	21.8

Manual Integrations
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