

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024121.D
 Acq On : 24 Sep 2016 12:39
 Operator : UM/SJ
 Sample : H4902-06MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

Manual Integrations
 APPROVED

sohil
 9/26/2016 6:40:59 PM

Quant Time: Sep 26 01:10:18 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	50686	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	240504	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	199156	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	419093	20.00	ng	0.00
75) Chrysene-d12	21.79	240	416538	20.00	ng	0.00
86) Perylene-d12	25.13	264	412052	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	278145	95.07	ng	0.00
7) Phenol-d6	7.21	99	292496	59.42	ng	0.00
23) Nitrobenzene-d5	9.22	82	627863	102.89	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	416932	145.64	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	1227902	103.64	ng	0.00
78) Terphenyl-d14	20.09	244	1767904	86.91	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	25878	23.11	ng	93
3) Pyridine	3.85	79	68207	17.24	ng	95
4) n-Nitrosodimethylamine	3.77	42	44994	22.43	ng	# 89
6) Aniline	7.36	93	184697	26.71	ng	95
8) 2-Chlorophenol	7.60	128	164220	46.89	ng	95
9) Benzaldehyde	7.17	77	169637	63.28	ng	94
10) Phenol	7.24	94	105164	20.32	ng	90
11) bis(2-Chloroethyl)ether	7.45	93	204524	50.11	ng	90
12) 1,3-Dichlorobenzene	7.93	146	171155	43.82	ng	99
13) 1,4-Dichlorobenzene	8.07	146	179161	44.95	ng	95
14) 1,2-Dichlorobenzene	8.40	146	175383	45.21	ng	90
15) Benzyl Alcohol	8.29	79	173058	36.32	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	274689	48.75	ng	95
17) 2-Methylphenol	8.50	107	144714	42.06	ng	94
18) Hexachloroethane	9.12	117	72112	42.94	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	239629	49.56	ng	# 96
20) 3+4-Methylphenols	8.84	107	186758	37.37	ng	94
22) Acetophenone	8.88	105	363901	52.45	ng	# 95
24) Nitrobenzene	9.26	77	344904	52.73	ng	93
25) Isophorone	9.78	82	623863	50.12	ng	97
26) 2-Nitrophenol	9.98	139	119273	51.41	ng	94
27) 2,4-Dimethylphenol	10.05	122	195300	50.34	ng	88
28) bis(2-Chloroethoxy)methane	10.27	93	332709	54.97	ng	97
29) 2,4-Dichlorophenol	10.53	162	223091	55.25	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	211805	49.01	ng	97
31) Naphthalene	10.92	128	628800	51.61	ng	98
32) Benzoic acid	10.20	122	41432	16.42	ng	94
33) 4-Chloroaniline	11.04	127	108033	19.87	ng	# 91
34) Hexachlorobutadiene	11.19	225	146929	43.18	ng	96
35) Caprolactam	11.84	113	17417m	10.60	ng	
36) 4-Chloro-3-methylphenol	12.18	107	272067	47.88	ng	97
37) 2-Methylnaphthalene	12.53	142	501263	53.73	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	297912	51.24	ng	99
40) Hexachlorocyclopentadiene	12.87	237	248802	86.91	ng	98

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024121.D
 Acq On : 24 Sep 2016 12:39
 Operator : UM/SJ
 Sample : H4902-06MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

Manual Integrations
 APPROVED

sohil
 9/26/2016 6:40:59 PM

Quant Time: Sep 26 01:10:18 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	201212	53.51	ng	93
43) 2,4,5-Trichlorophenol	13.24	196	210853	54.49	ng	91
45) 1,1'-Biphenyl	13.54	154	702697	51.60	ng	98
46) 2-Chloronaphthalene	13.59	162	553054	54.39	ng	96
47) 2-Nitroaniline	13.81	65	259741	54.90	ng	100
48) Acenaphthylene	14.44	152	901508	52.22	ng	99
49) Dimethylphthalate	14.17	163	819849	53.66	ng	99
50) 2,6-Dinitrotoluene	14.30	165	179592	55.96	ng	94
51) Acenaphthene	14.78	154	570076	54.45	ng	96
52) 3-Nitroaniline	14.65	138	89243	27.84	ng	# 81
53) 2,4-Dinitrophenol	14.86	184	205492	85.41	ng	89
54) Dibenzofuran	15.12	168	923483	56.65	ng	98
55) 4-Nitrophenol	14.99	139	92476	39.25	ng	95
56) 2,4-Dinitrotoluene	15.10	165	259686	53.18	ng	# 86
57) Fluorene	15.77	166	756505	53.32	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	210233	56.26	ng	92
59) Diethylphthalate	15.53	149	853281	51.86	ng	98
60) 4-Chlorophenyl-phenylether	15.76	204	404194	53.17	ng	98
61) 4-Nitroaniline	15.81	138	137793	41.50	ng	# 79
62) Azobenzene	16.05	77	954758	57.11	ng	93
64) 4,6-Dinitro-2-methylphenol	15.87	198	155228	53.34	ng	88
65) n-Nitrosodiphenylamine	15.98	169	686318	59.86	ng	94
66) 4-Bromophenyl-phenylether	16.65	248	281106	57.83	ng	98
67) Hexachlorobenzene	16.78	284	292532	53.41	ng	98
68) Atrazine	16.93	200	280276	55.38	ng	96
69) Pentachlorophenol	17.14	266	262726	91.99	ng	96
70) Phenanthrene	17.52	178	1231763	57.70	ng	97
71) Anthracene	17.62	178	1248063	56.92	ng	100
72) Carbazole	17.90	167	1083829	53.10	ng	97
73) Di-n-butylphthalate	18.43	149	1330169	49.78	ng	98
74) Fluoranthene	19.54	202	1375880	49.37	ng	96
76) Benzidine	19.73	184	202817	17.20	ng	96
77) Pyrene	19.90	202	1376249	47.32	ng	95
79) Butylbenzylphthalate	20.77	149	587989	54.90	ng	97
80) Benzo(a)anthracene	21.77	228	1329871	56.08	ng	96
81) 3,3'-Dichlorobenzidine	21.68	252	229905	27.05	ng	# 98
82) Chrysene	21.84	228	1246678	55.93	ng	99
83) Bis(2-ethylhexyl)phthalate	21.64	149	831981	65.02	ng	96
84) Di-n-octyl phthalate	22.88	149	1407286	63.74	ng	100
85) Indeno(1,2,3-cd)pyrene	28.96	276	1561938	62.84	ng	# 100
87) Benzo(b)fluoranthene	24.06	252	1392212	58.08	ng	# 97
88) Benzo(k)fluoranthene	24.13	252	1312327	55.12	ng	# 98
89) Benzo(a)pyrene	24.97	252	1323028	57.09	ng	# 97
90) Dibenzo(a,h)anthracene	29.01	278	1298589	56.12	ng	# 96
91) Benzo(g,h,i)perylene	30.16	276	1292660	55.45	ng	# 94

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

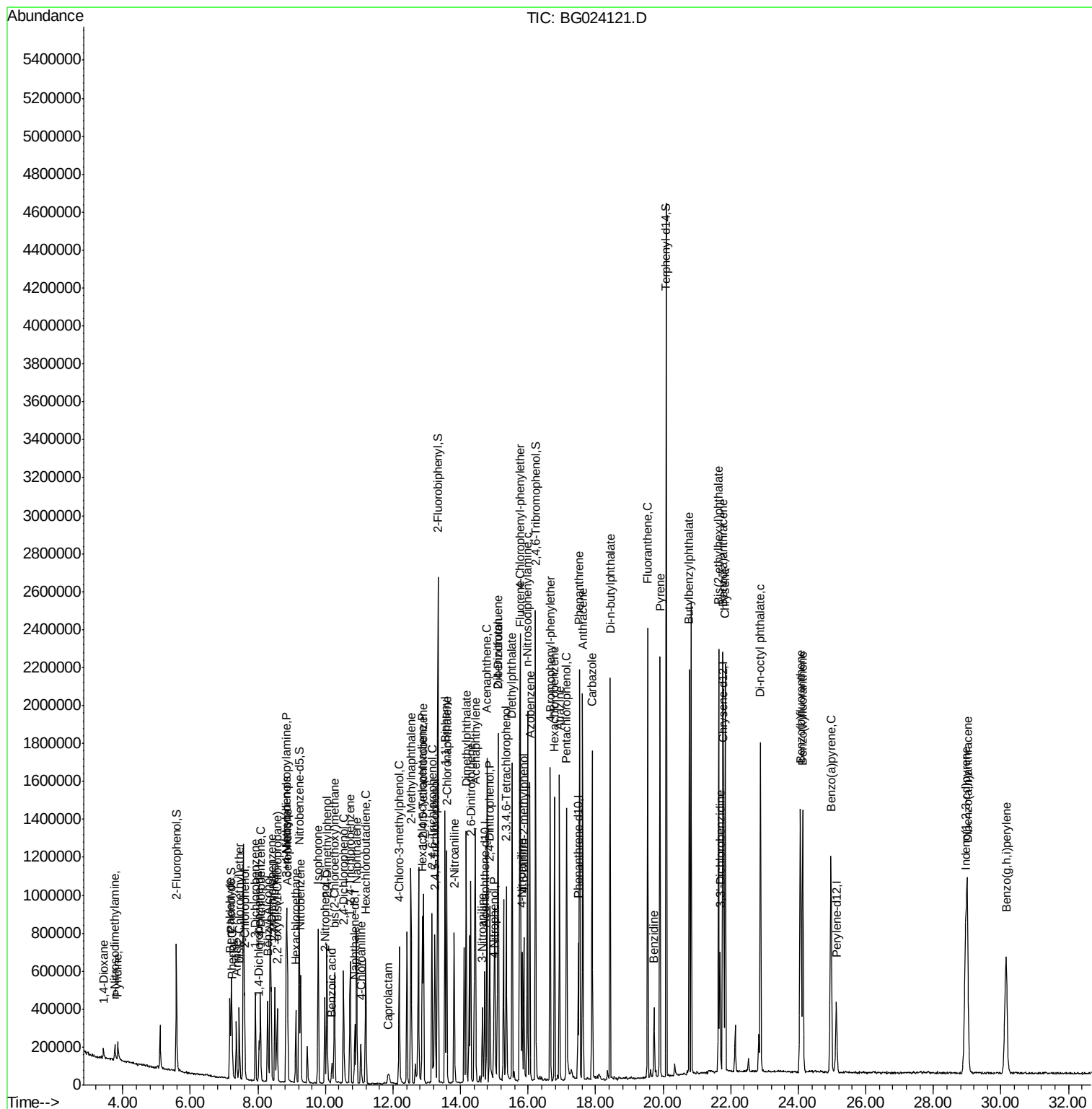
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024121.D
Acq On : 24 Sep 2016 12:39
Operator : UM/SJ
Sample : H4902-06MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

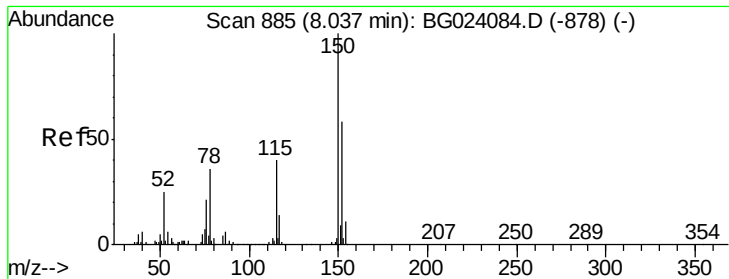
Instrument :
BNA_G
ClientSampleID :
MW-1-092116MSD

Manual Integrations
APPROVED

sohil
9/26/2016 6:40:59 PM

Quant Time: Sep 26 01:10:18 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

ClientSampleId :

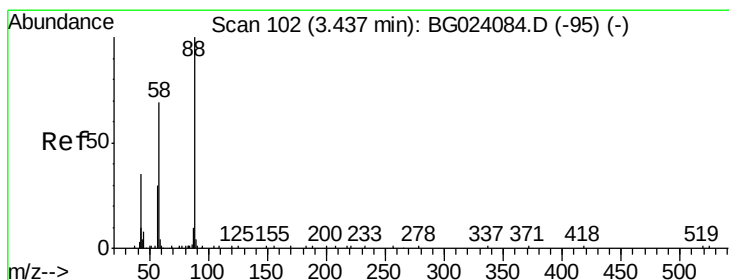
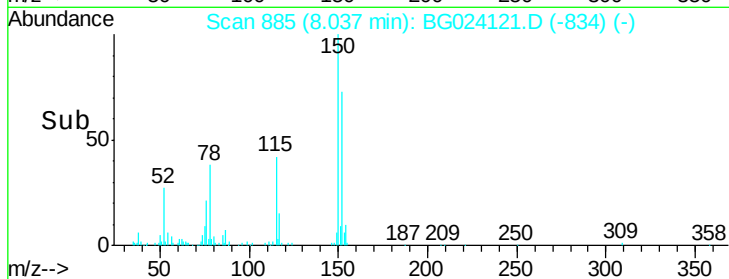
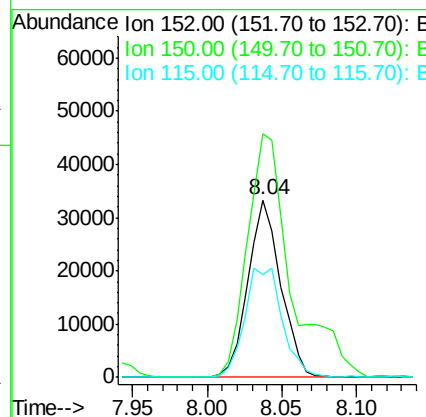
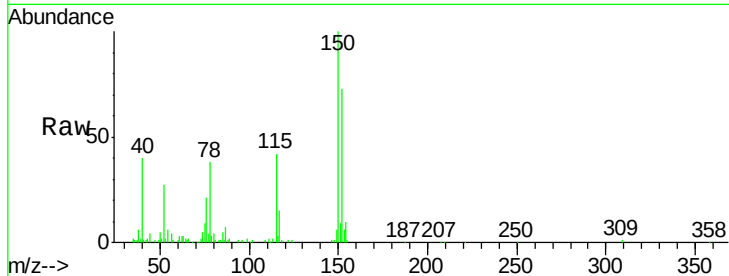
MW-1-092116MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	137.3	144.7	217.1#
115	58.0	64.0	96.0#

Manual Integrations
APPROVED

sohil

9/26/2016 6:40:59 PM



#2

1,4-Dioxane

Concen: 23.11 ng

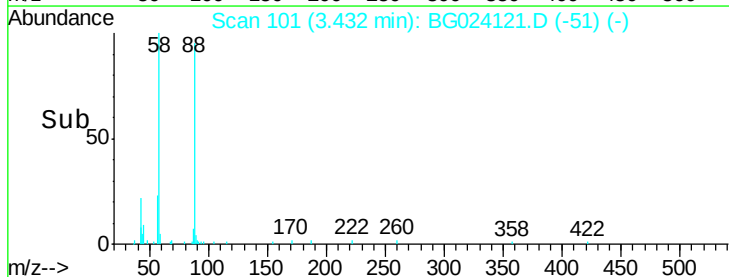
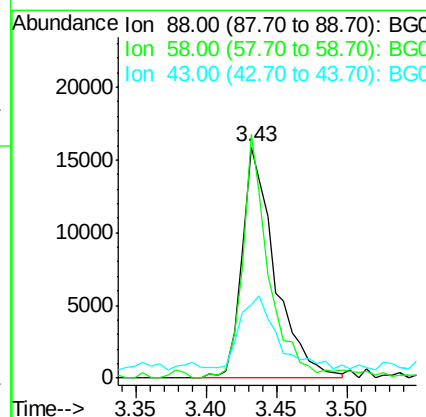
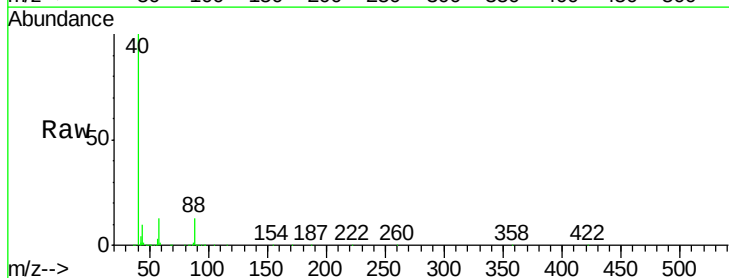
RT: 3.43 min Scan# 101

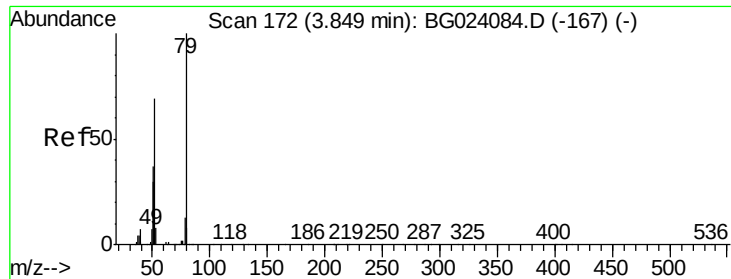
Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.8	60.4	90.6
43	37.6	31.1	46.7





#3

Pyridine

Concen: 17.24 ng

RT: 3.85 min Scan# 172

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

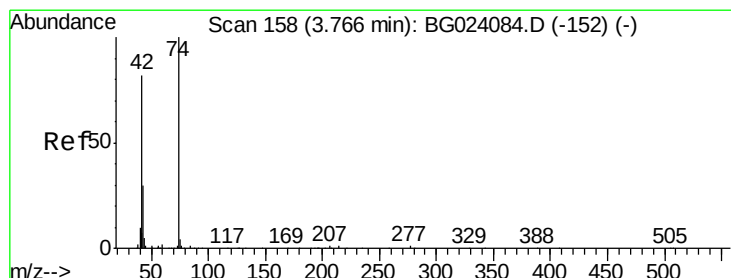
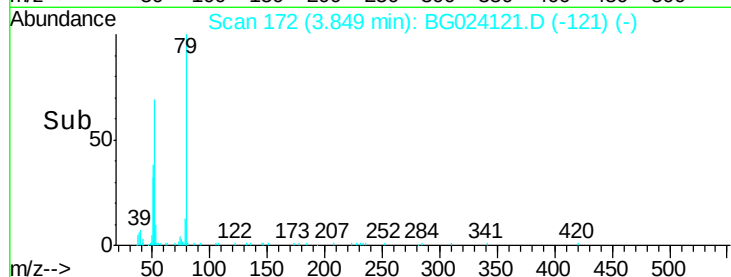
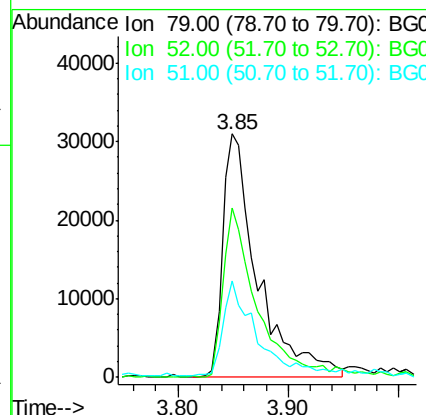
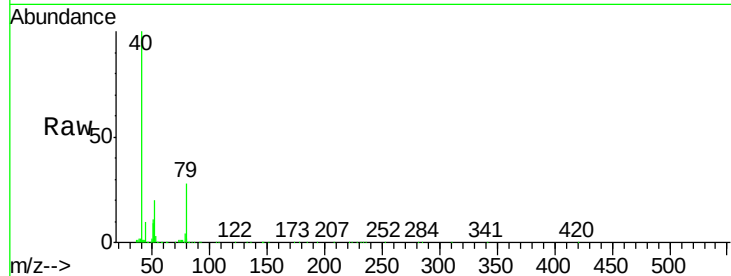
ClientSampleId :

MW-1-092116MSD

Tgt Ion:	79	Resp:	68207
Ion	Ratio	Lower	Upper
79	100		
52	69.5	51.8	77.8
51	39.5	32.7	49.1

Manual Integrations
APPROVED

sohil
9/26/2016 6:40:59 PM



#4

n-Nitrosodimethylamine

Concen: 22.43 ng

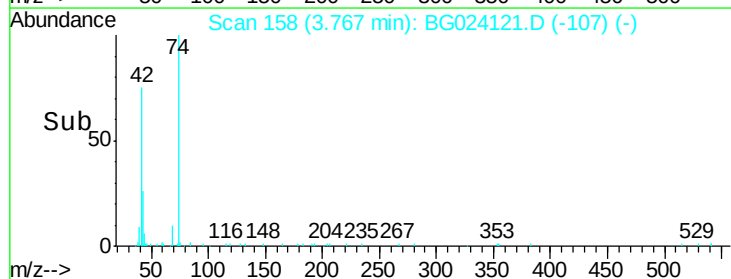
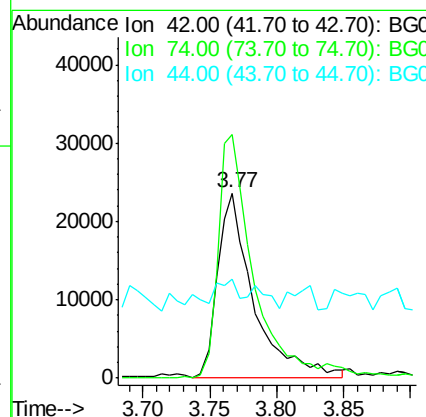
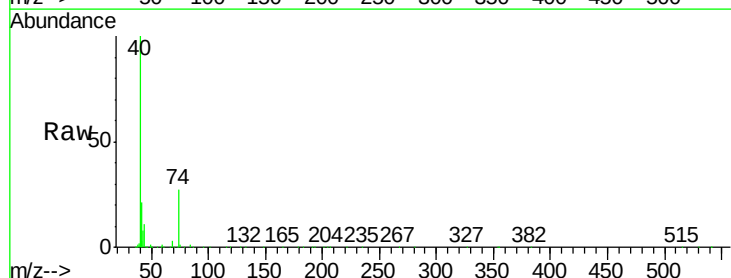
RT: 3.77 min Scan# 158

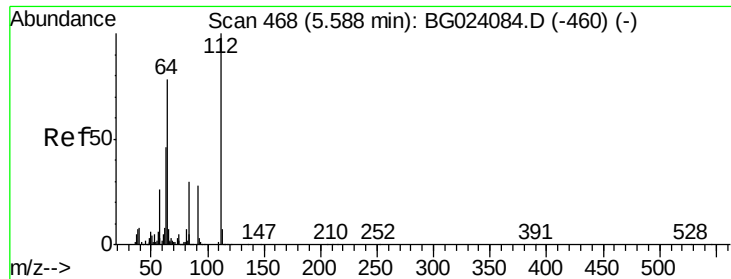
Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Tgt Ion:	42	Resp:	44994
Ion	Ratio	Lower	Upper
42	100		
74	131.8	100.6	150.8
44	53.2	4.5	6.7#





#5

2-Fluorophenol

Concen: 95.07 ng

RT: 5.59 min Scan# 468

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

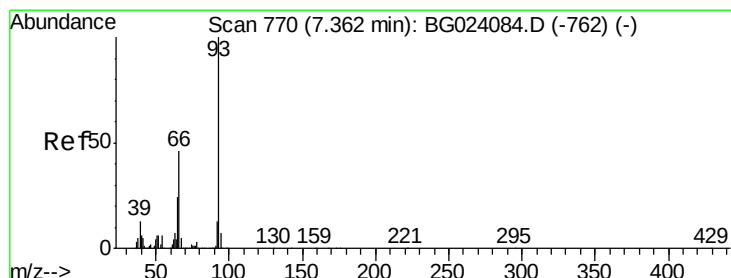
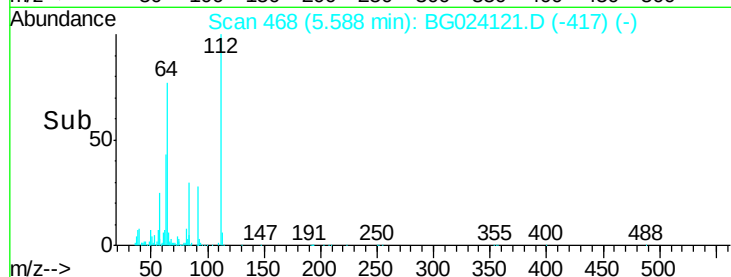
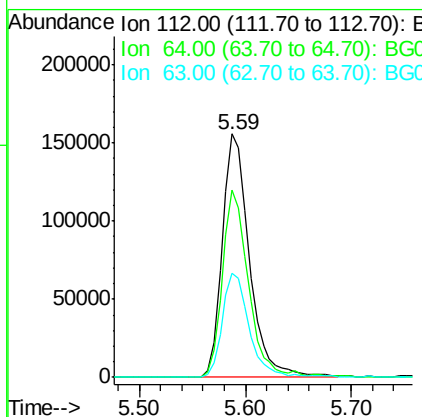
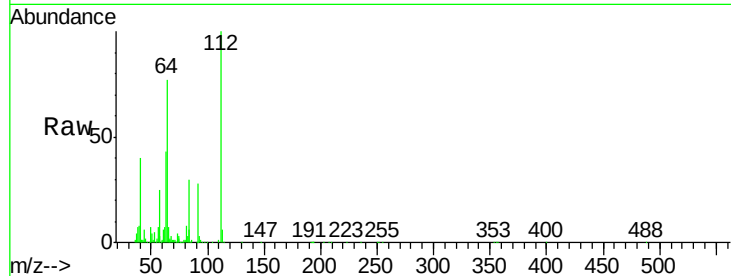
ClientSampleId :

MW-1-092116MSD

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	278145		
64	77.2	59.0	88.4	
63	42.7	37.8	56.8	

Manual Integrations
APPROVED

sohil
9/26/2016 6:40:59 PM



#6

Aniline

Concen: 26.71 ng

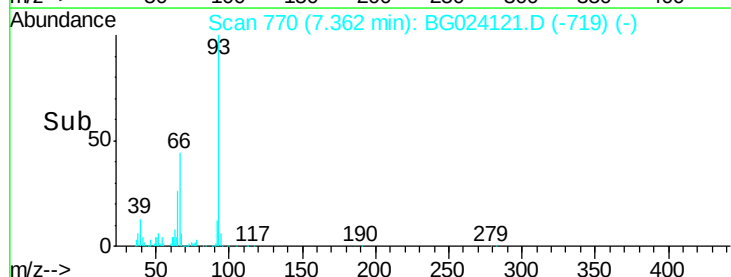
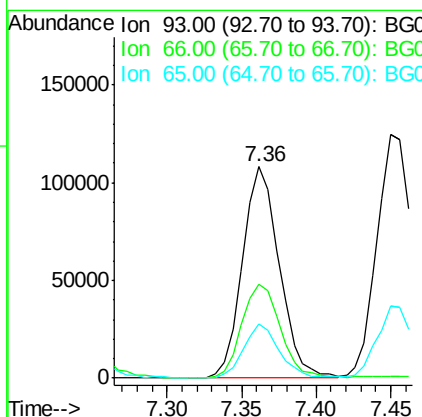
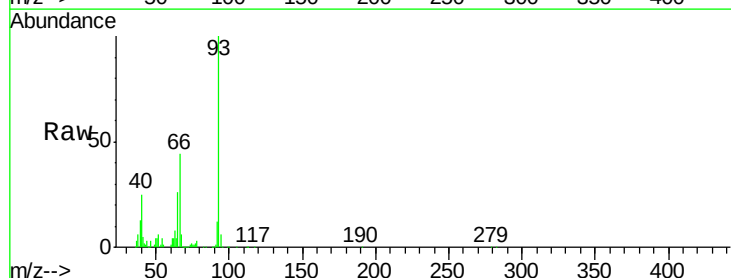
RT: 7.36 min Scan# 770

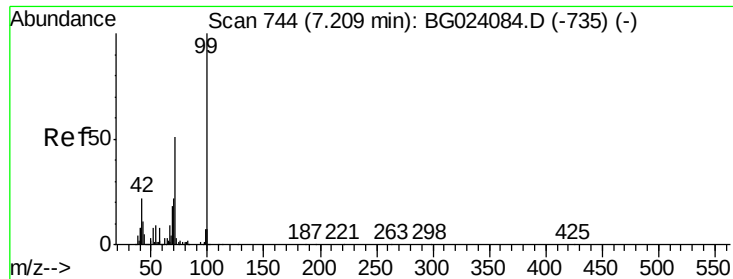
Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	184697		
66	44.2	37.5	56.3	
65	25.9	17.9	26.9	





#7

Phenol-d6

Concen: 59.42 ng

RT: 7.21 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

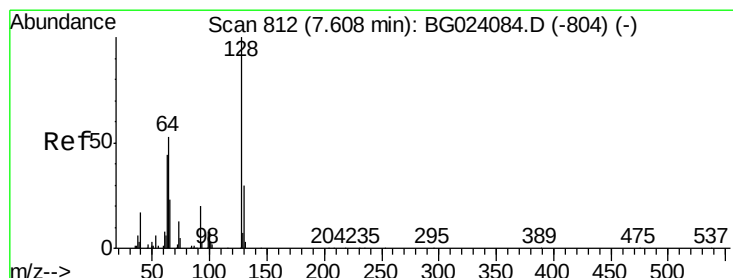
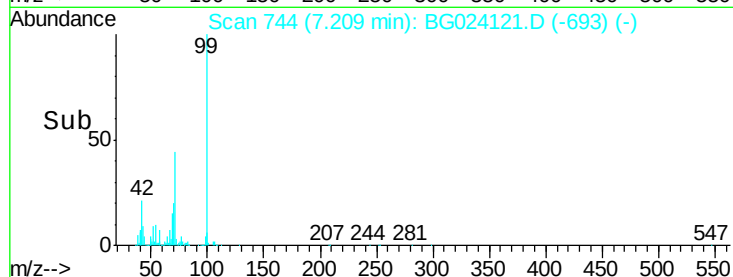
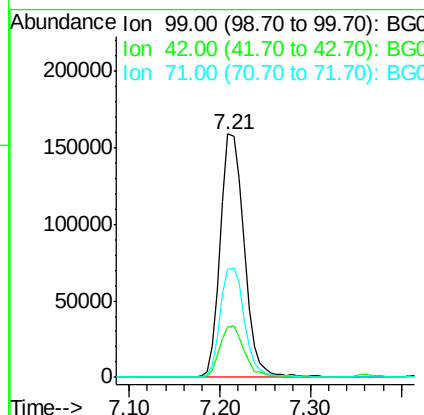
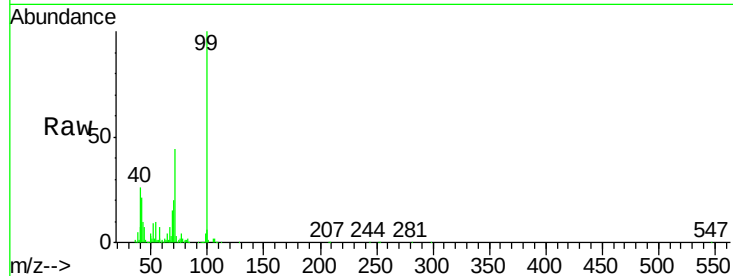
ClientSampleId :

MW-1-092116MSD

Tgt Ion:	99	Resp:	292496
Ion Ratio	Lower	Upper	
99	100		
42	20.8	17.8	26.6
71	44.4	41.5	62.3

Manual Integrations
APPROVED

sohil
9/26/2016 6:40:59 PM



#8

2-Chlorophenol

Concen: 46.89 ng

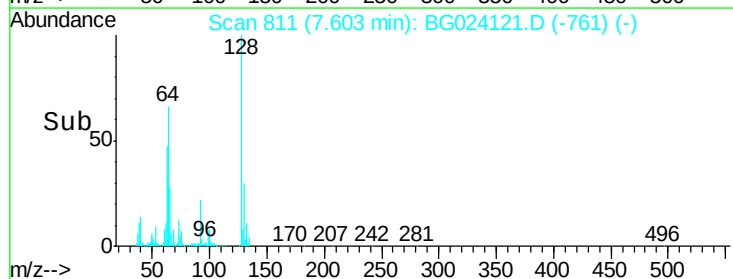
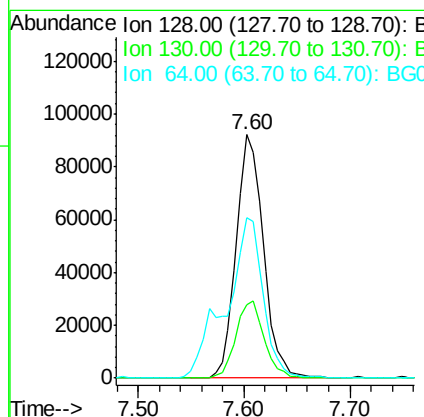
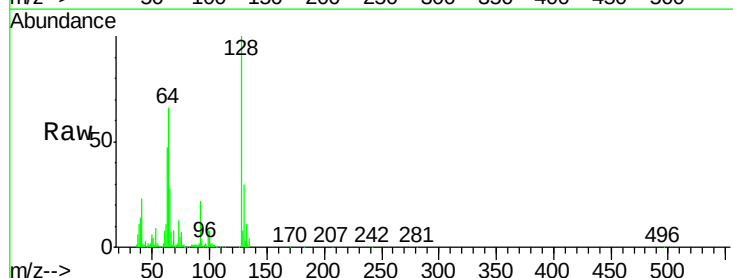
RT: 7.60 min Scan# 811

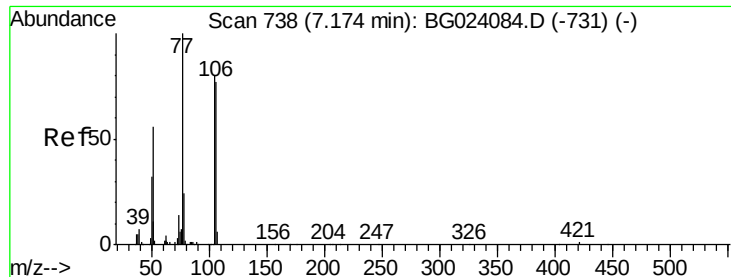
Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Tgt Ion:	128	Resp:	164220
Ion Ratio	Lower	Upper	
128	100		
130	30.2	12.9	52.9
64	65.8	42.0	82.0





#9

Benzaldehyde

Concen: 63.28 ng

RT: 7.17 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

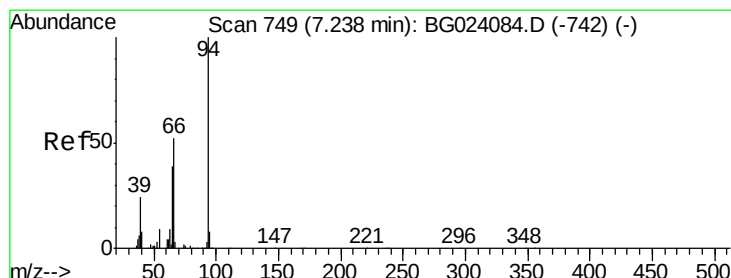
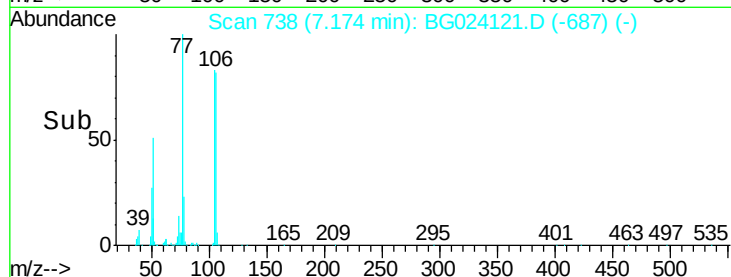
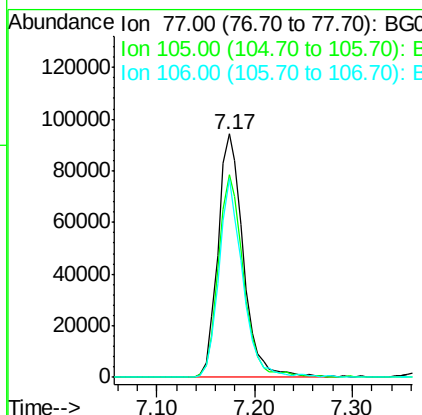
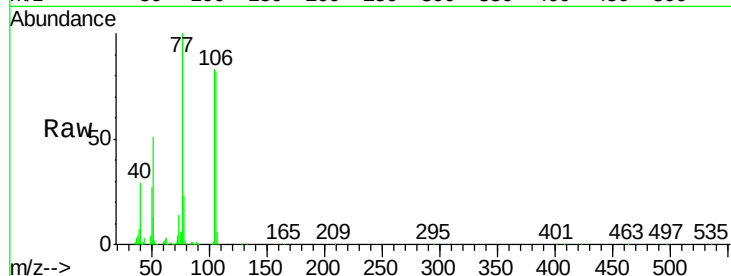
ClientSampleId :

MW-1-092116MSD

Tgt Ion:	77	Resp:	169637
Ion Ratio	Lower	Upper	
77	100		
105	83.1	58.7	98.7
106	81.9	67.5	107.5

Manual Integrations
APPROVED

sohil
9/26/2016 6:40:59 PM



#10

Phenol

Concen: 20.32 ng

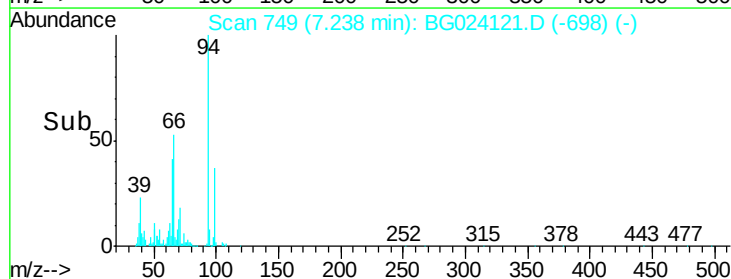
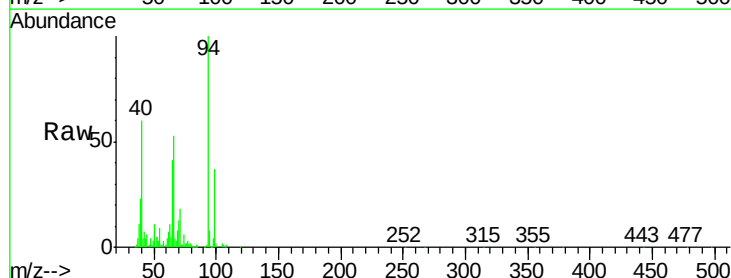
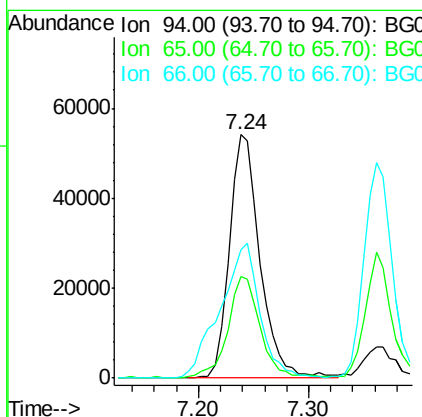
RT: 7.24 min Scan# 749

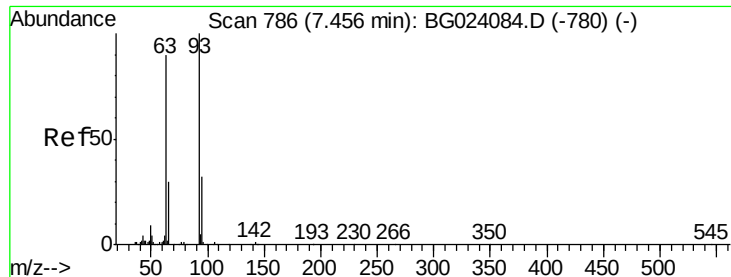
Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Tgt Ion:	94	Resp:	105164
Ion Ratio	Lower	Upper	
94	100		
65	41.5	18.1	58.1
66	52.6	42.1	82.1





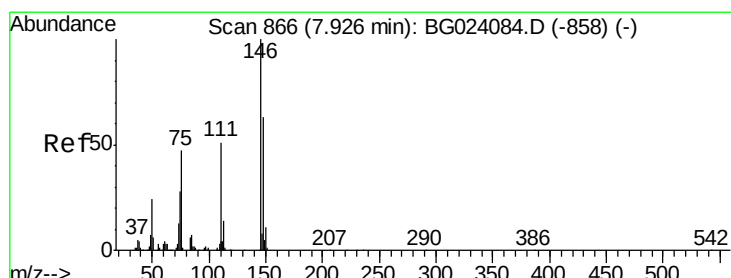
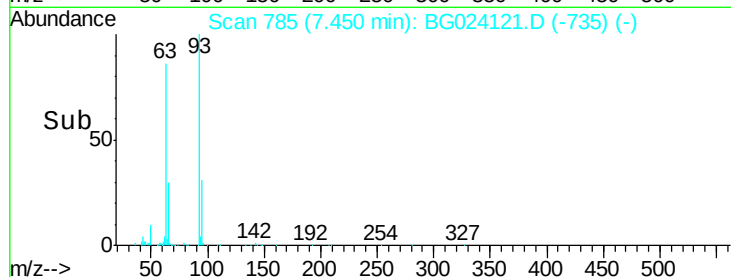
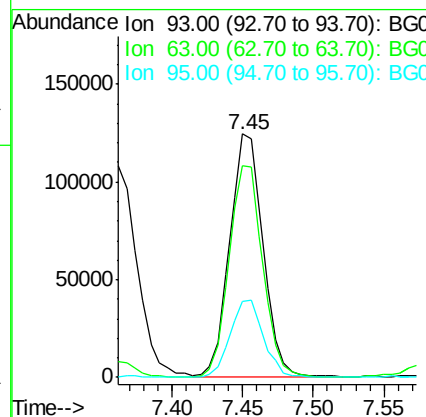
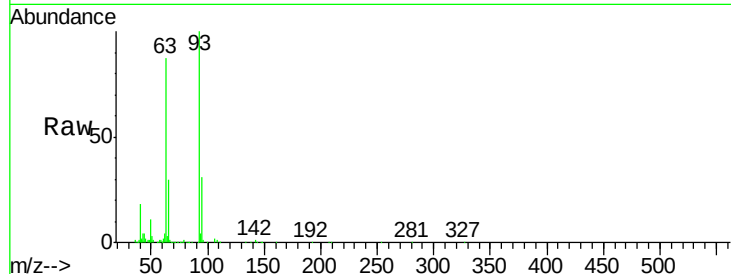
#11
bis(2-Chloroethyl)ether
Concen: 50.11 ng
RT: 7.45 min Scan# 785
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	204524		
63	86.7	55.0	95.0	
95	31.1	11.0	51.0	

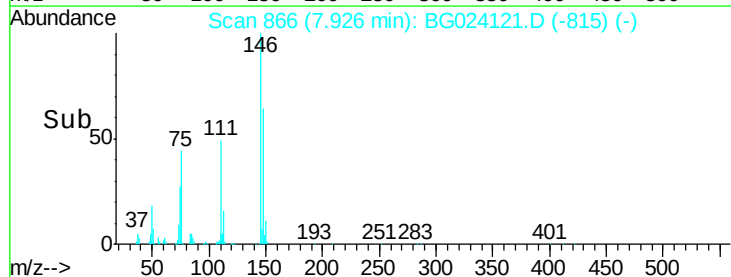
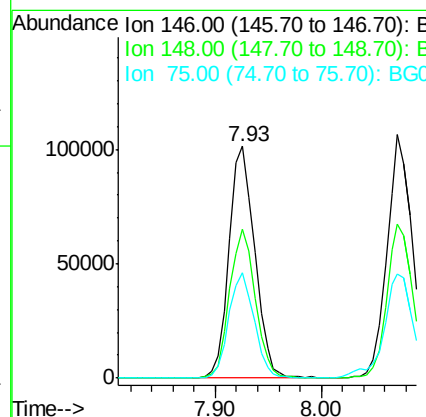
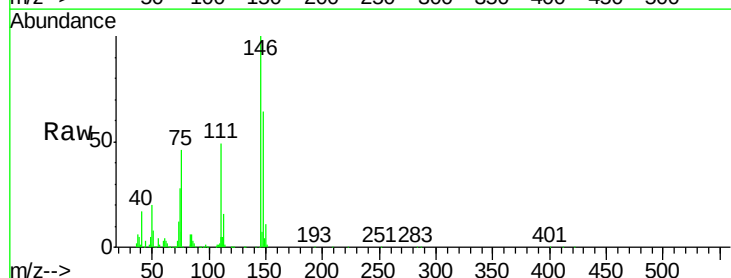
Manual Integrations
APPROVED

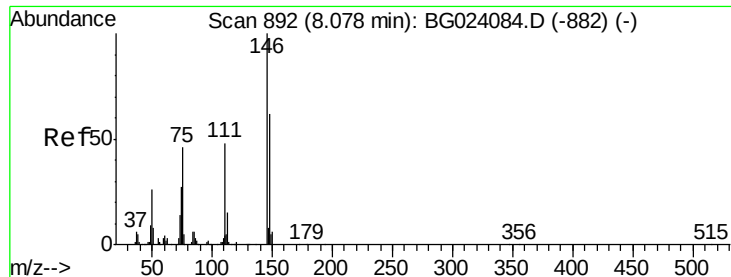
sohil
9/26/2016 6:40:59 PM



#12
1,3-Dichlorobenzene
Concen: 43.82 ng
RT: 7.93 min Scan# 866
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	171155		
148	64.2	50.3	75.5	
75	45.6	37.0	55.6	





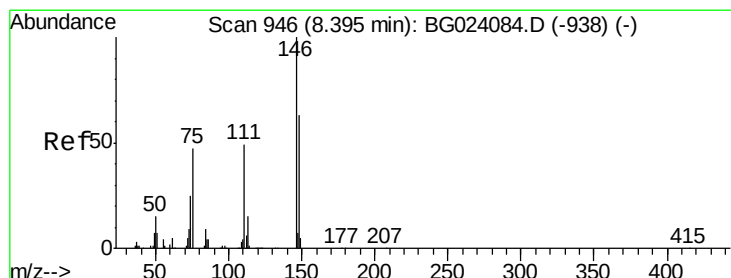
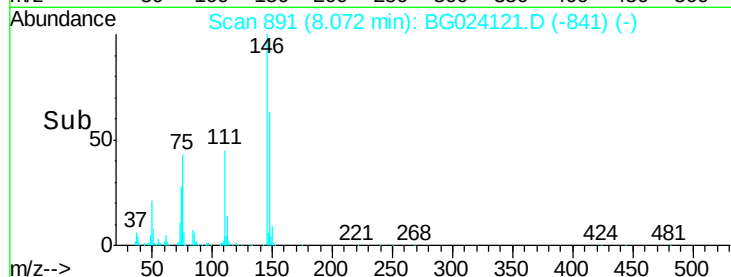
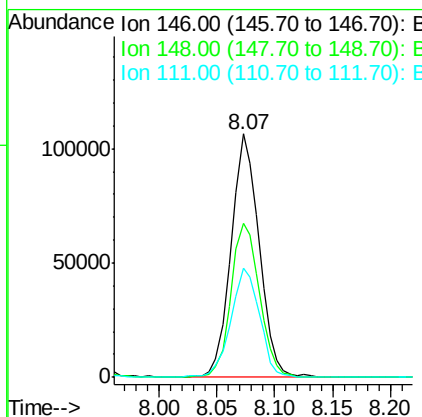
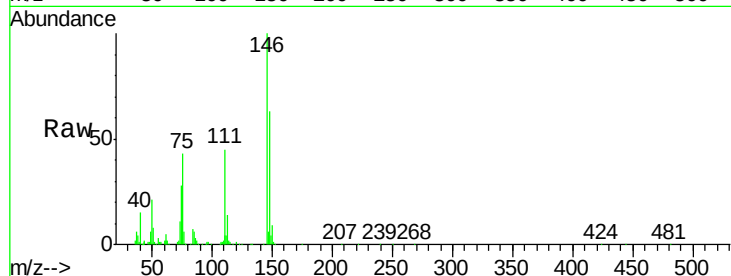
#13
 1,4-Dichlorobenzene
 Concen: 44.95 ng
 RT: 8.07 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	54.5	81.7
111	44.9	37.8	56.8

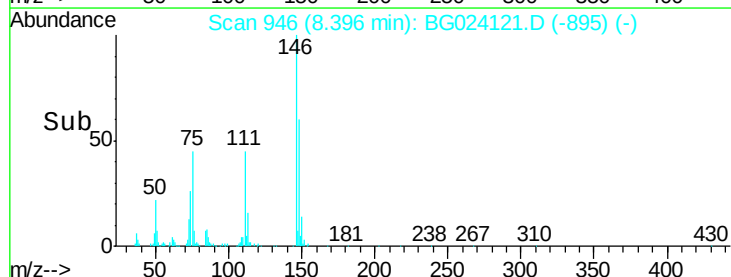
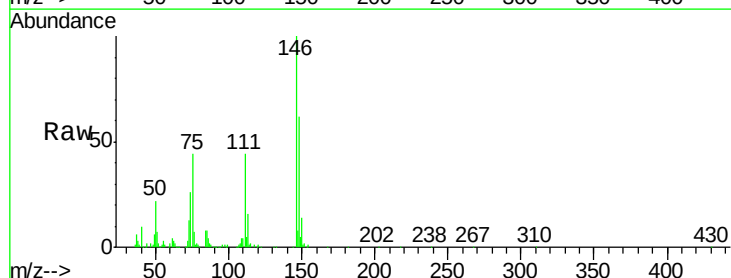
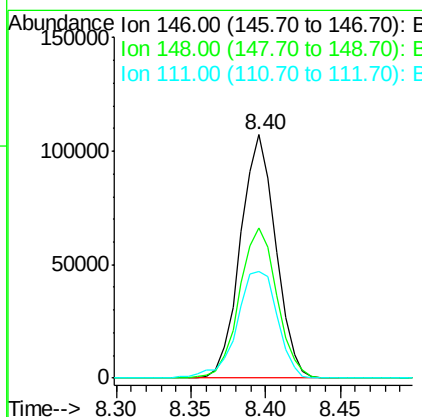
Manual Integrations
 APPROVED

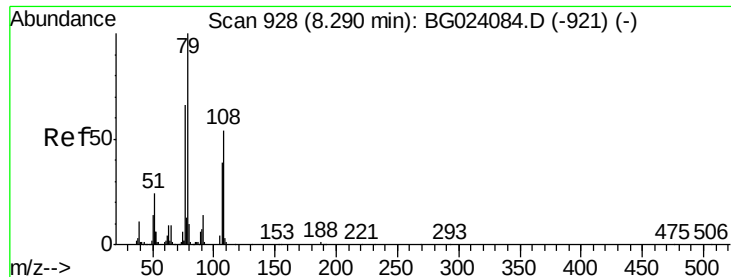
sohil
 9/26/2016 6:40:59 PM



#14
 1,2-Dichlorobenzene
 Concen: 45.21 ng
 RT: 8.40 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	52.9	79.3
111	43.7	43.5	65.3





#15

Benzyl Alcohol

Concen: 36.32 ng

RT: 8.29 min Scan# 928

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

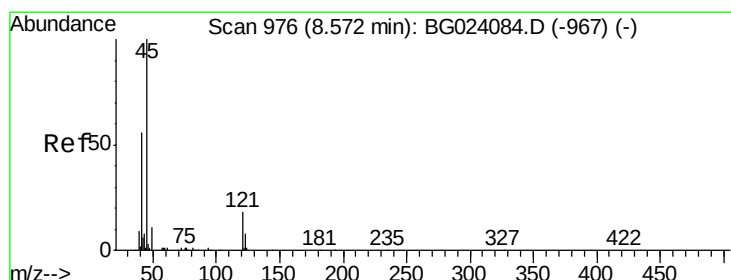
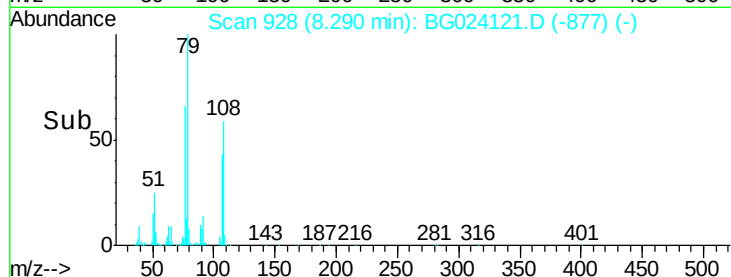
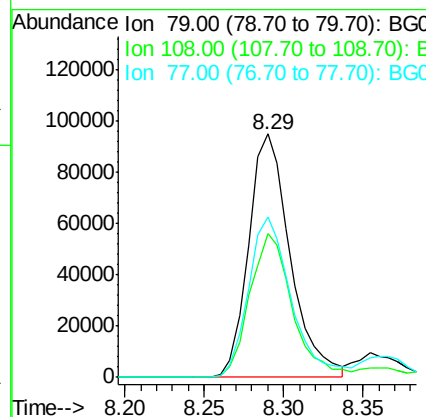
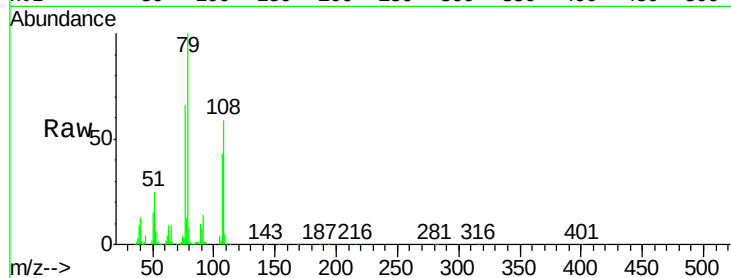
ClientSampleId :

MW-1-092116MSD

Tgt Ion:	79	Resp:	173058
Ion Ratio	Lower	Upper	
79	100		
108	59.3	46.5	69.7
77	66.1	52.3	78.5

Manual Integrations
APPROVED

sohil
9/26/2016 6:40:59 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.75 ng

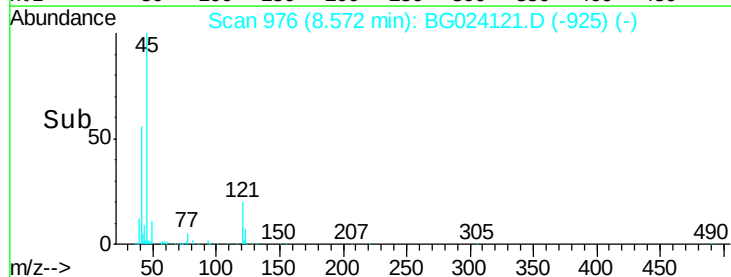
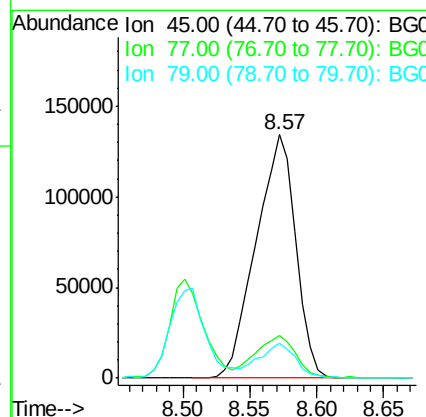
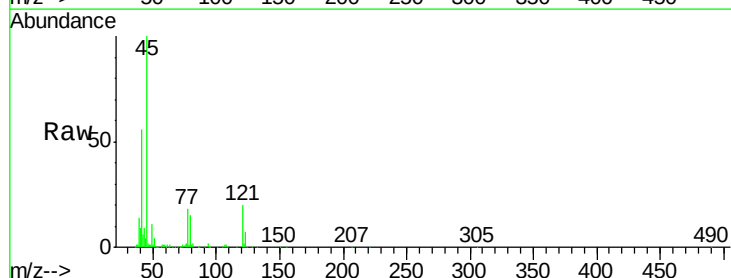
RT: 8.57 min Scan# 976

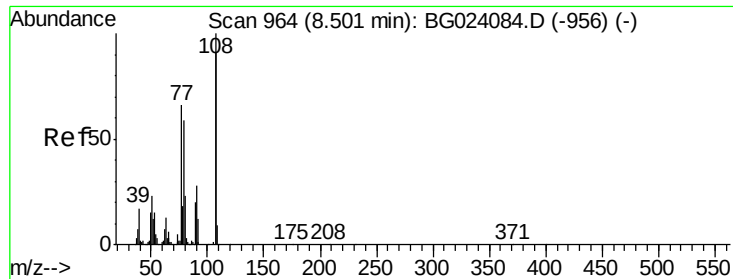
Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Tgt Ion:	45	Resp:	274689
Ion Ratio	Lower	Upper	
45	100		
77	17.5	0.6	40.6
79	14.6	0.0	36.2





#17

2-Methylphenol

Concen: 42.06 ng

RT: 8.50 min Scan# 964

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

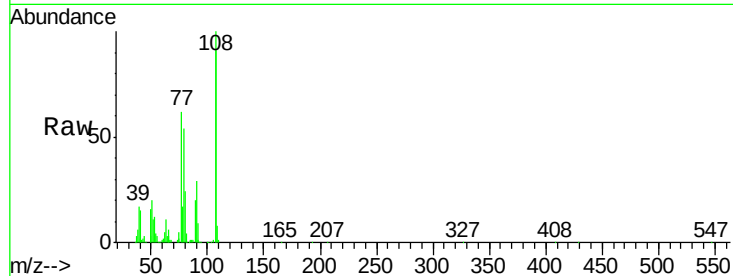
ClientSampleId :

MW-1-092116MSD

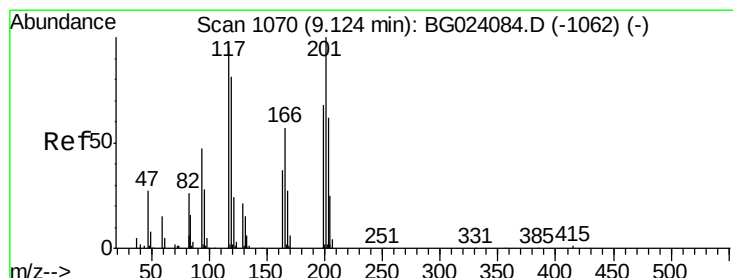
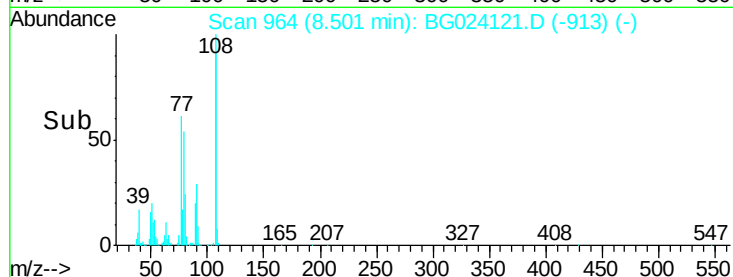
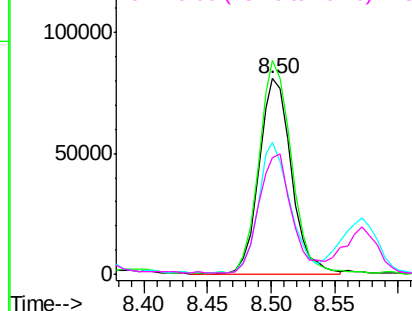
Tgt Ion:	107	Resp:	144714
Ion Ratio	Lower	Upper	
107	100		
108	109.4	92.0	138.0
77	67.3	55.8	83.6
79	59.5	55.0	82.6

Manual Integrations
APPROVED

sohil
9/26/2016 6:40:59 PM



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



#18

Hexachloroethane

Concen: 42.94 ng

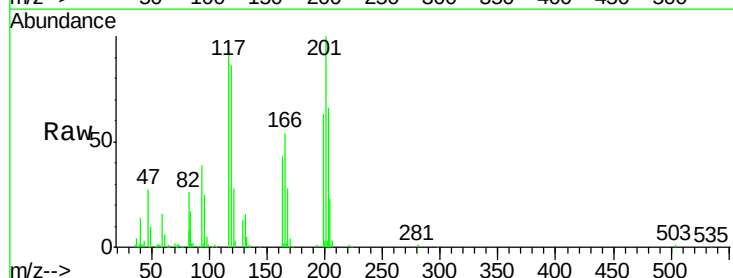
RT: 9.12 min Scan# 1070

Delta R.T. 0.00 min

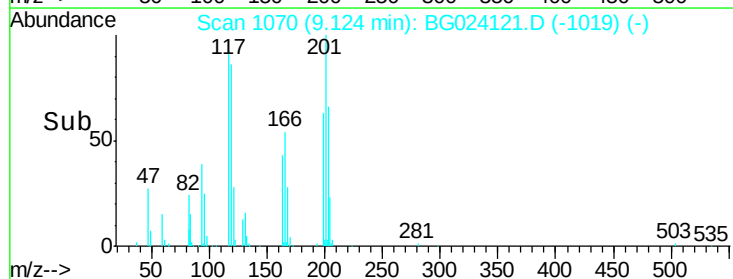
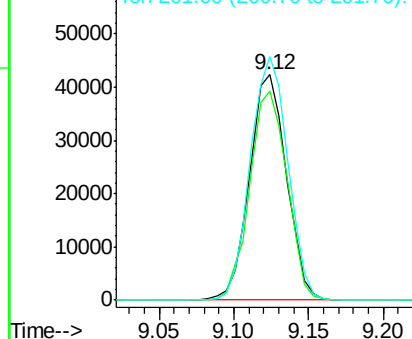
Lab File: BG024121.D

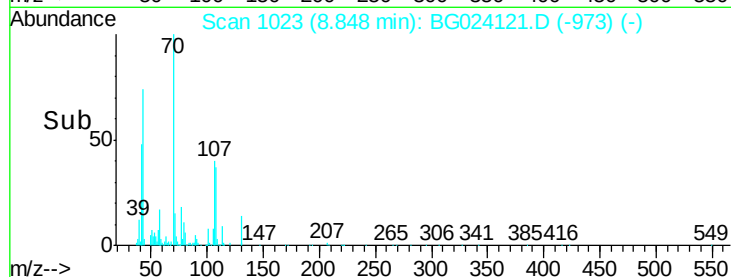
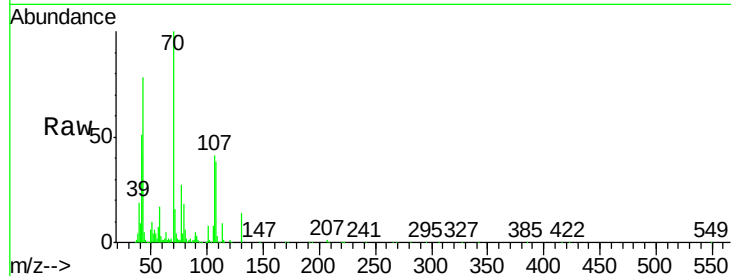
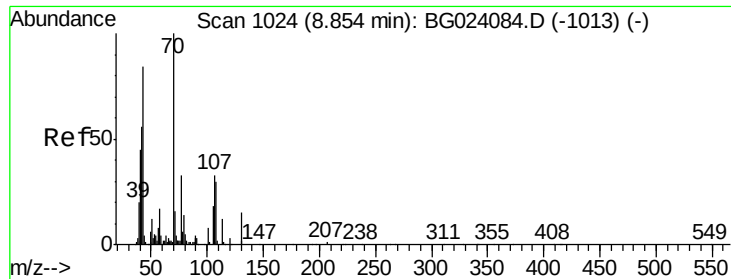
Acq: 24 Sep 2016 12:39

Tgt Ion:	117	Resp:	72112
Ion Ratio	Lower	Upper	
117	100		
119	92.8	73.7	110.5
201	107.9	88.7	133.1



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





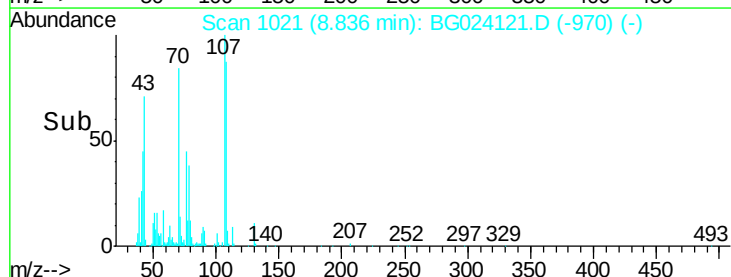
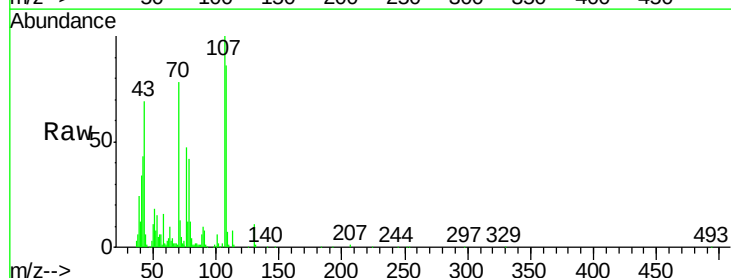
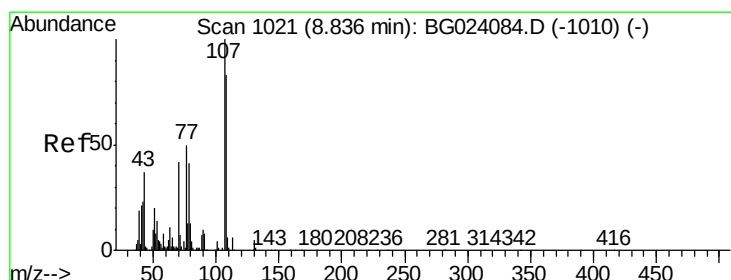
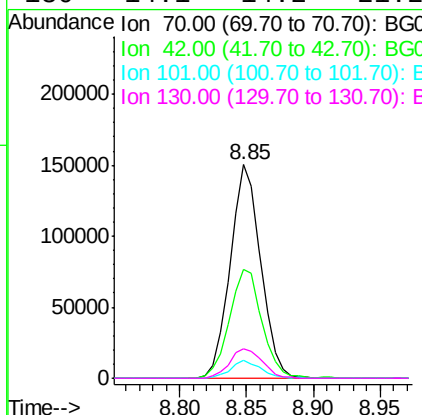
#19
n-Nitroso-di-n-propylamine
Concen: 49.56 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.7	42.1	63.1
101	8.2	7.2	10.8
130	14.1	14.2	21.2#

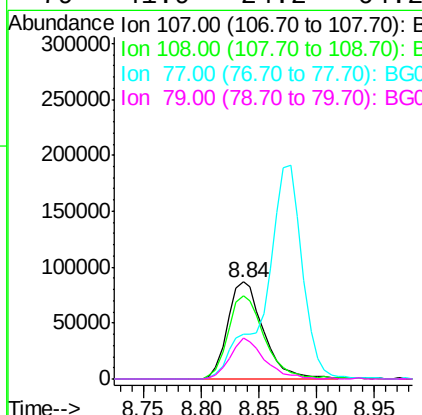
Manual Integrations
APPROVED

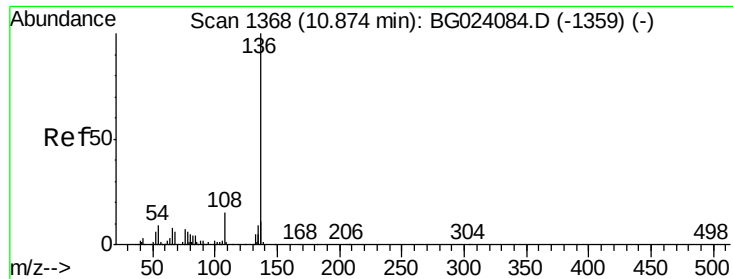
sohil
9/26/2016 6:40:59 PM



#20
3+4-Methylphenols
Concen: 37.37 ng
RT: 8.84 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.1	72.5	112.5
77	46.6	30.1	70.1
79	41.9	24.2	64.2





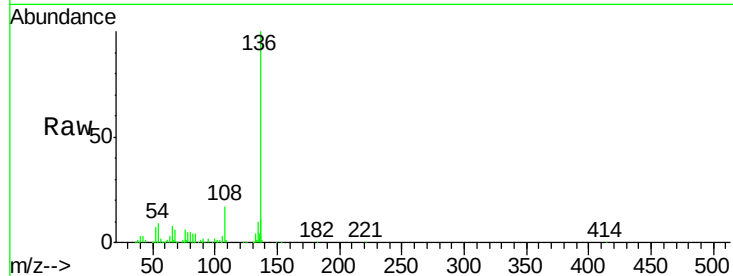
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.6	9.6	14.4
54	8.7	7.3	10.9
68	5.8	5.3	7.9

Manual Integrations
APPROVED

sohil
9/26/2016 6:40:59 PM



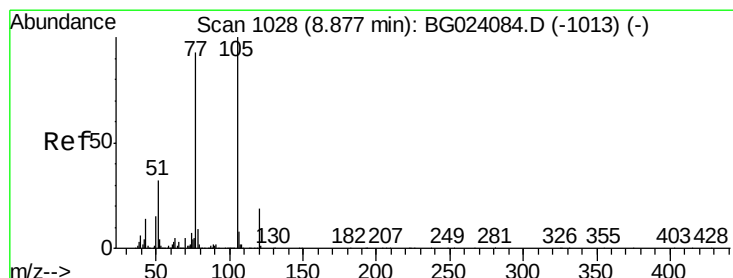
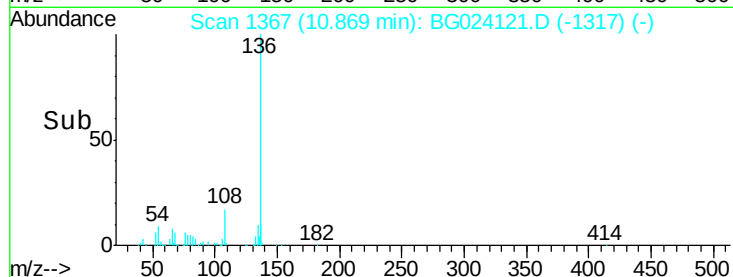
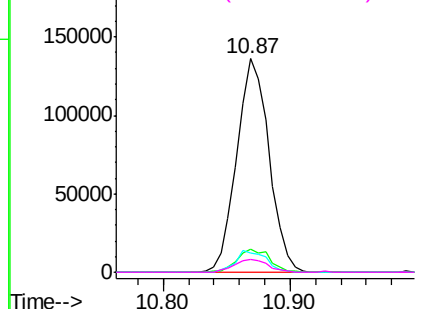
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 52.45 ng
RT: 8.88 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	0.4	2.6	3.8#
51	29.5	27.1	40.7
120	19.3	15.1	22.7

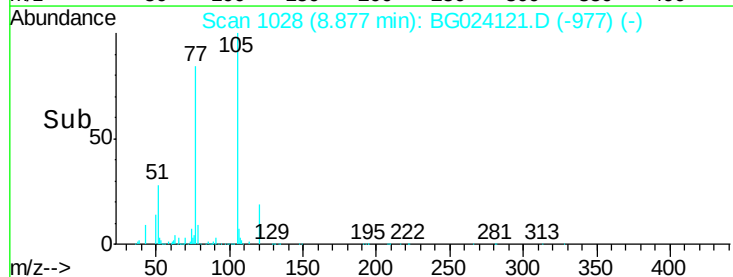
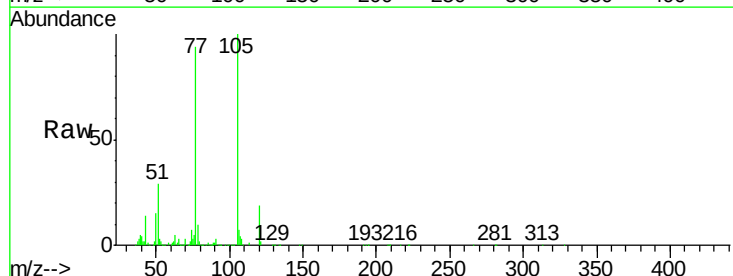
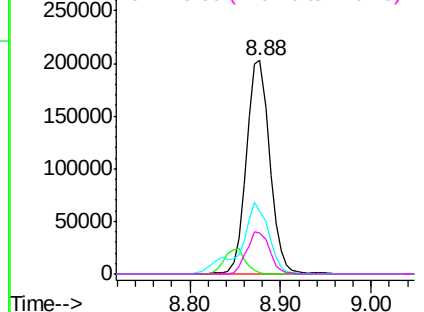
Abundance

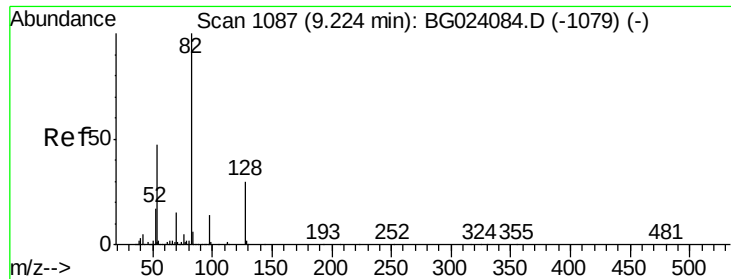
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





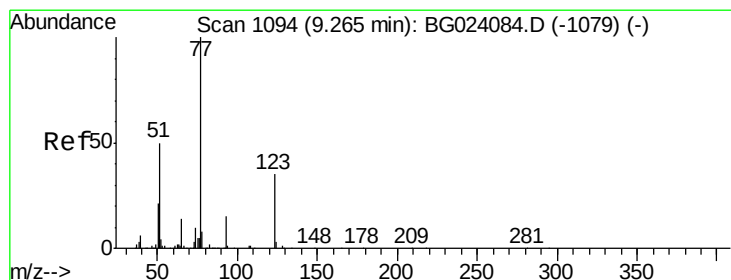
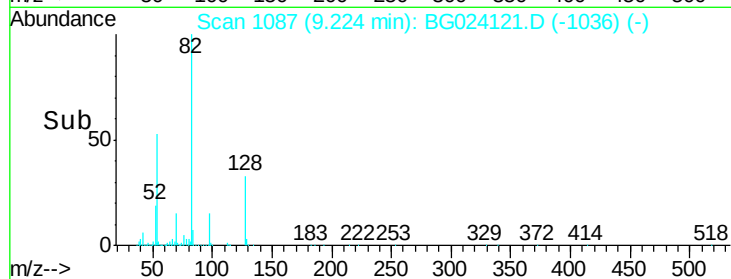
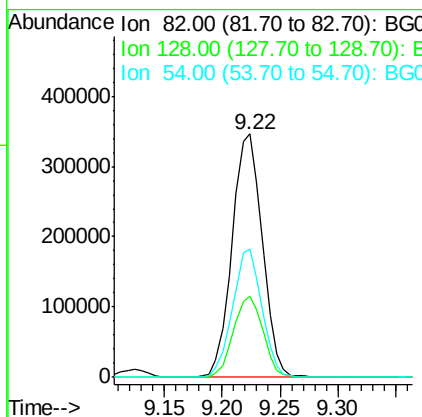
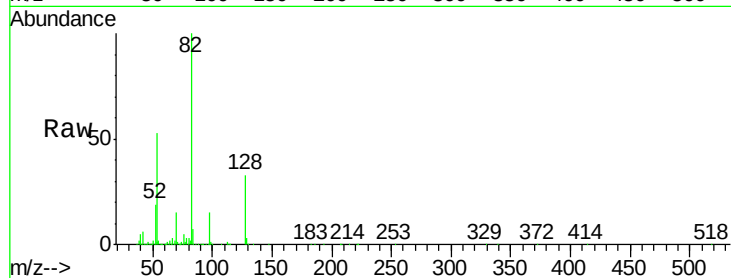
#23
 Nitrobenzene-d5
 Concen: 102.89 ng
 RT: 9.22 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	33.3	24.4	36.6
54	52.6	41.4	62.0

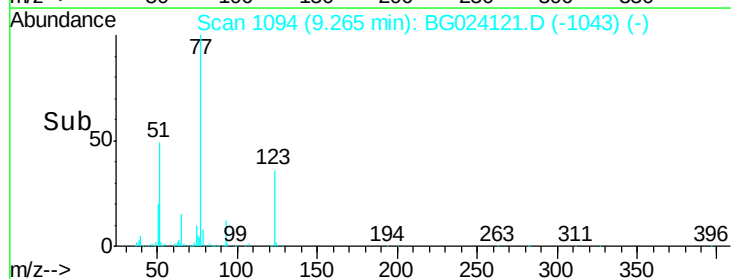
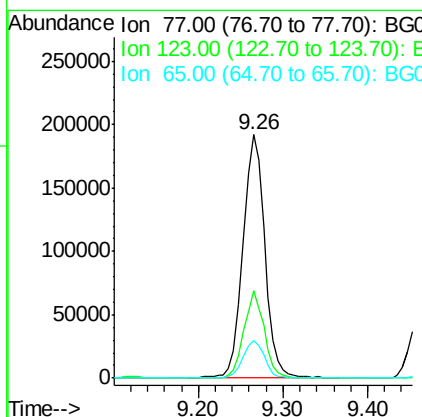
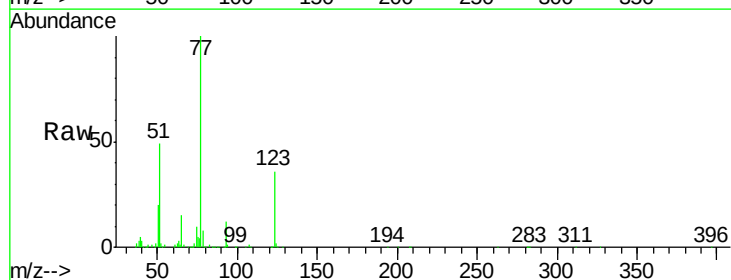
Manual Integrations
 APPROVED

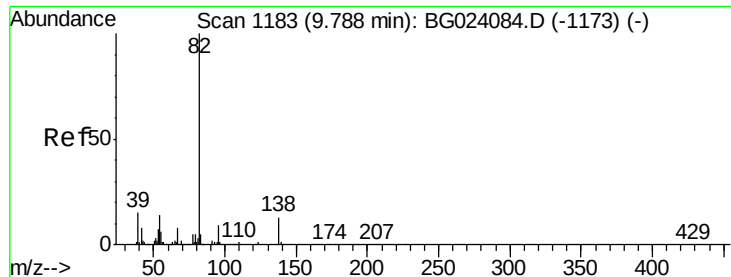
sohil
 9/26/2016 6:40:59 PM



#24
 Nitrobenzene
 Concen: 52.73 ng
 RT: 9.26 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	36.1	25.0	37.6
65	15.2	13.4	20.0





#25

Isophorone

Concen: 50.12 ng

RT: 9.78 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

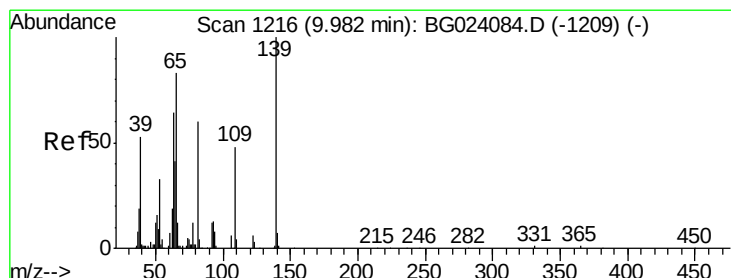
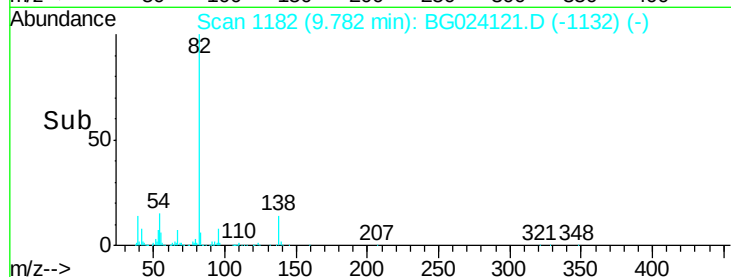
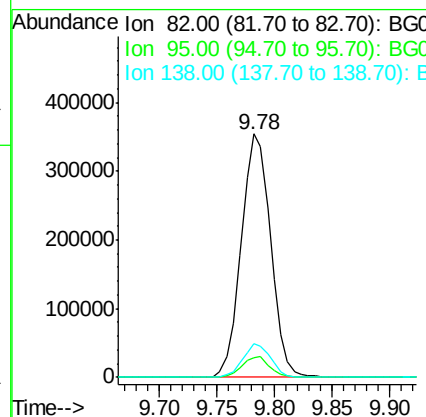
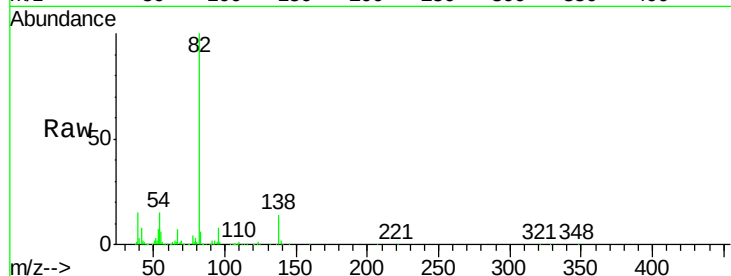
ClientSampleId :

MW-1-092116MSD

Tgt Ion:	82	Resp:	623863
Ion Ratio		Lower	Upper
82	100		
95	8.2	8.2	12.2
138	13.7	10.7	16.1

Manual Integrations
APPROVED

sohil
9/26/2016 6:40:59 PM



#26

2-Nitrophenol

Concen: 51.41 ng

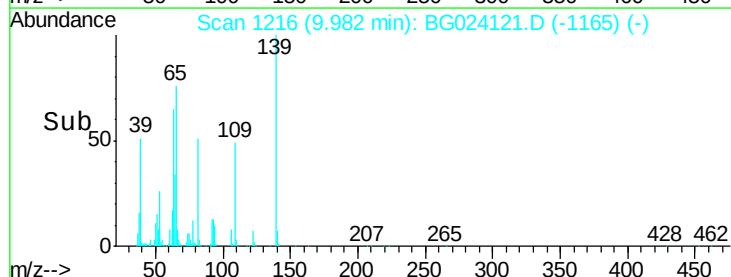
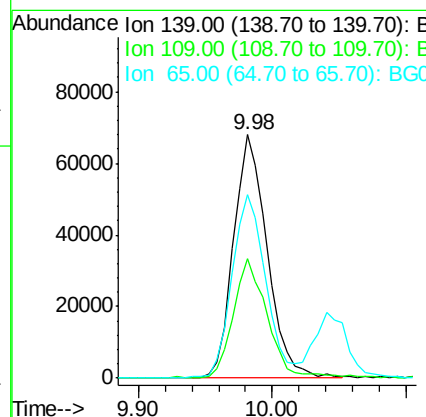
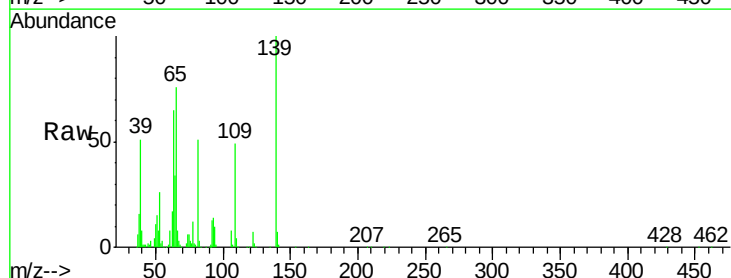
RT: 9.98 min Scan# 1216

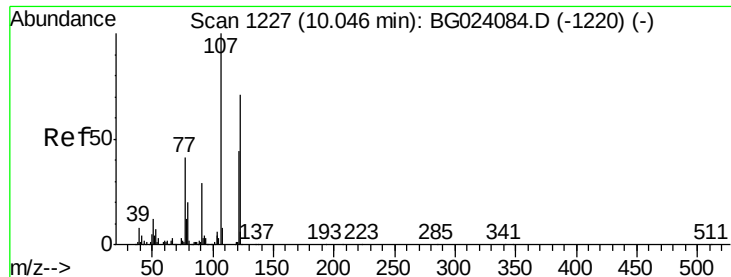
Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Tgt Ion:	139	Resp:	119273
Ion Ratio		Lower	Upper
139	100		
109	49.3	43.5	65.3
65	75.5	64.3	96.5





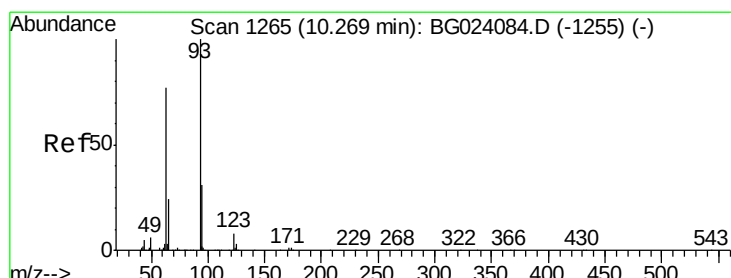
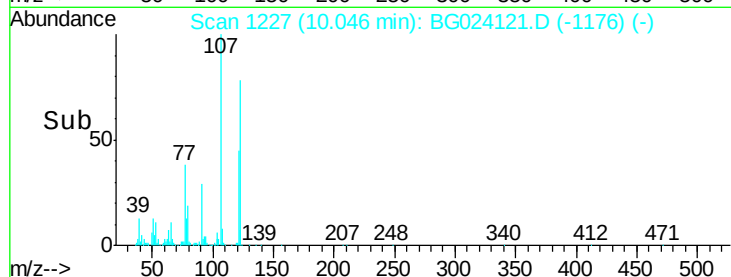
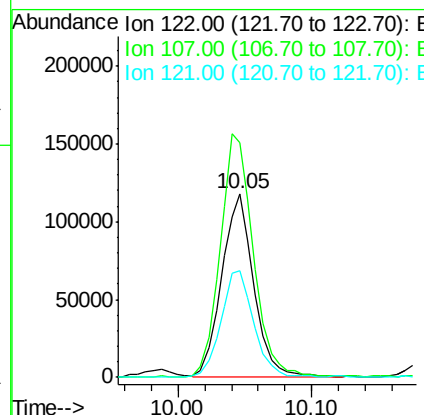
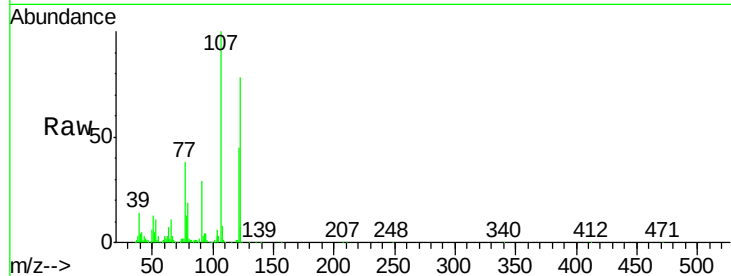
#27
 2,4-Dimethylphenol
 Concen: 50.34 ng
 RT: 10.05 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	195300		
107	127.8	117.0	175.4	
121	57.9	50.1	75.1	

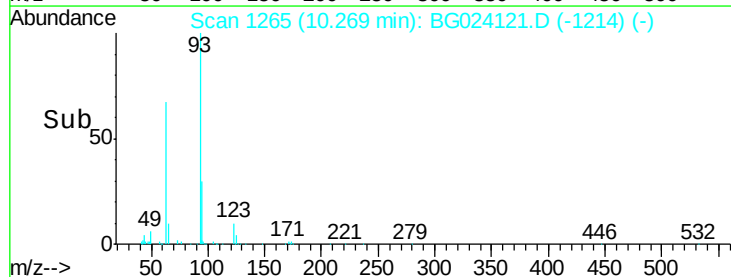
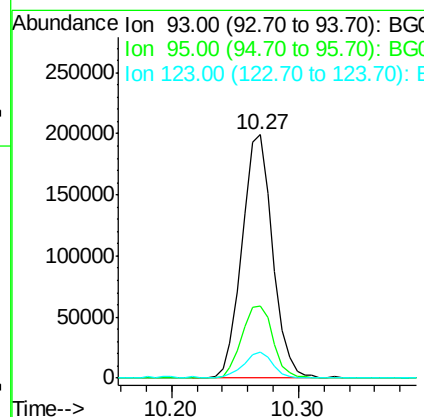
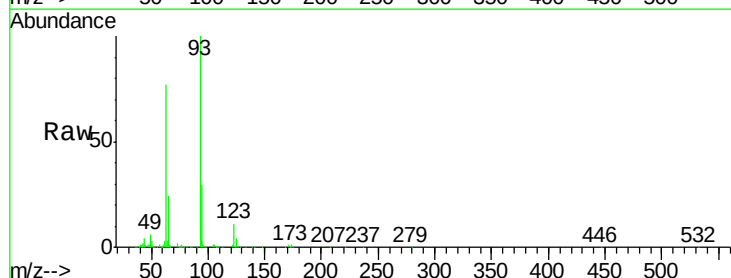
Manual Integrations
 APPROVED

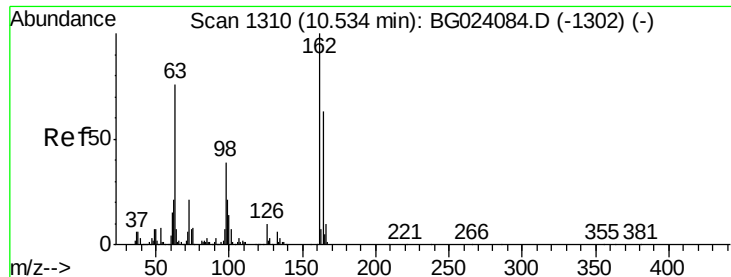
sohil
 9/26/2016 6:40:59 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 54.97 ng
 RT: 10.27 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	332709		
95	29.6	25.4	38.2	
123	10.7	8.2	12.2	





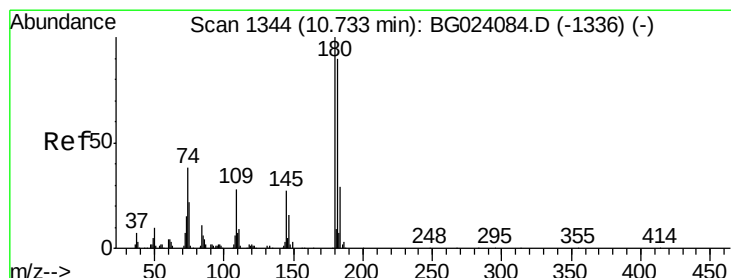
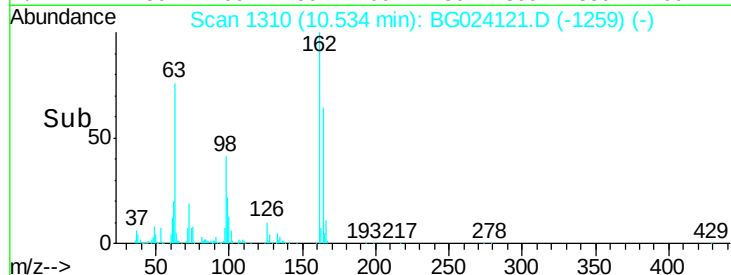
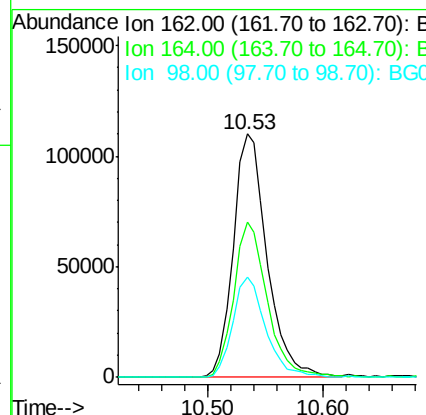
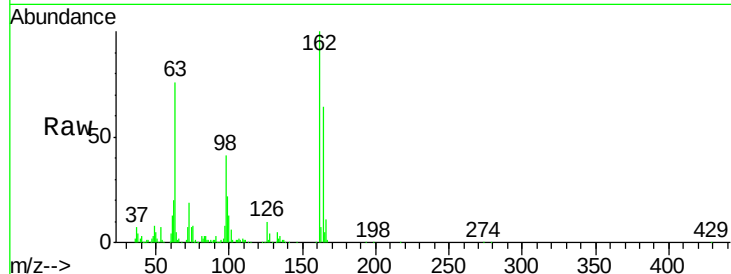
#29
2,4-Dichlorophenol
Concen: 55.25 ng
RT: 10.53 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.6	44.3	84.3
98	41.1	19.5	59.5

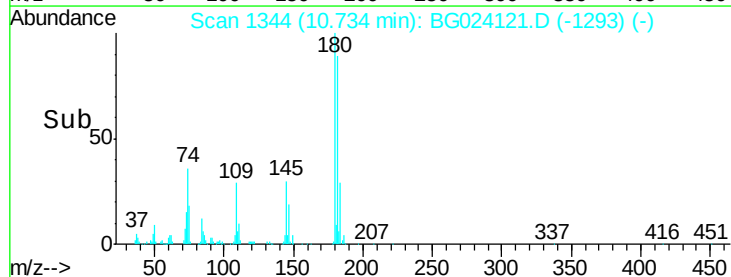
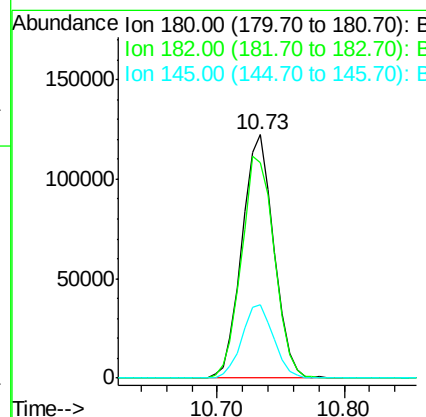
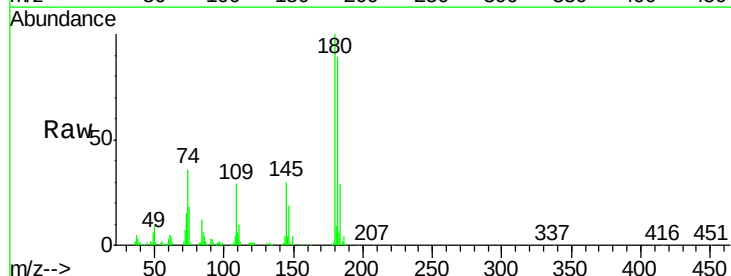
Manual Integrations
APPROVED

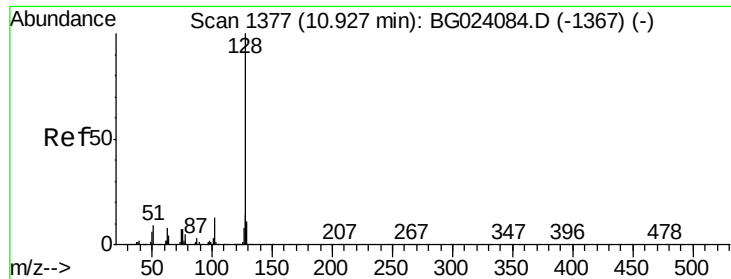
sohil
9/26/2016 6:40:59 PM



#30
1,2,4-Trichlorobenzene
Concen: 49.01 ng
RT: 10.73 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	88.7	73.8	110.8
145	30.3	24.4	36.6





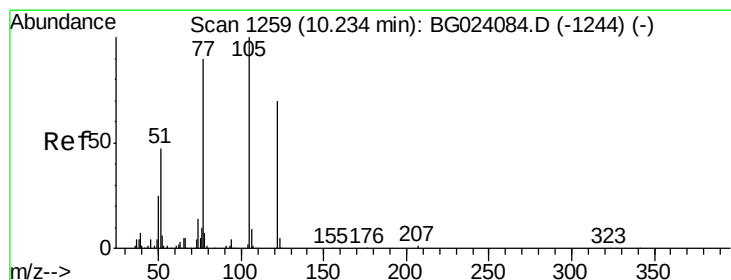
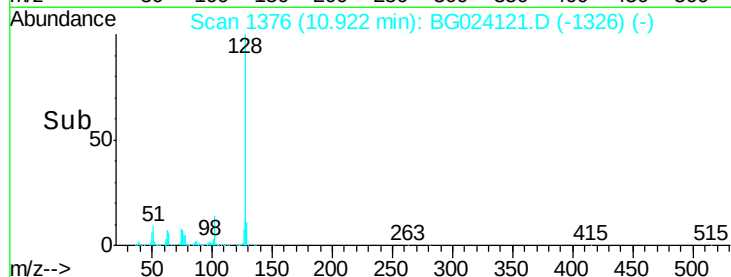
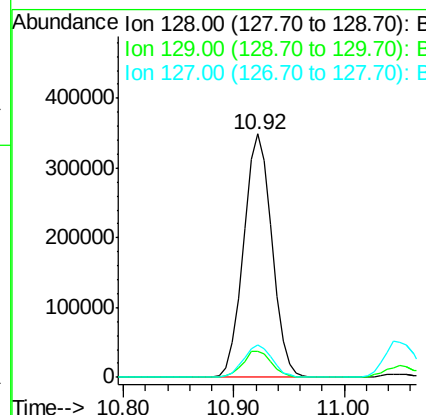
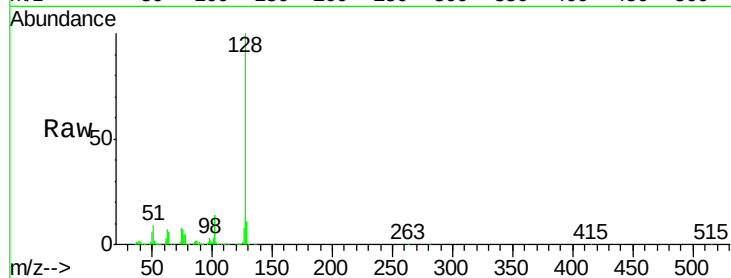
#31
Naphthalene
Concen: 51.61 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.5	9.4	14.0
127	13.3	11.3	16.9

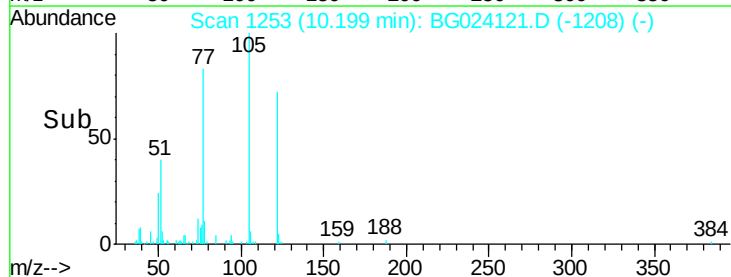
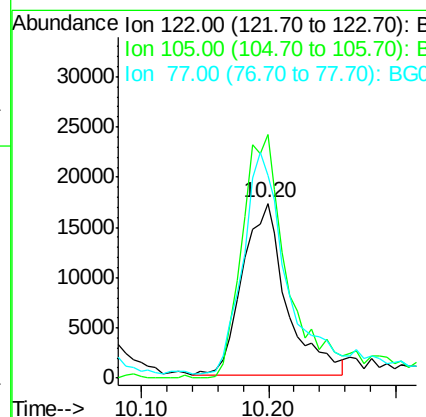
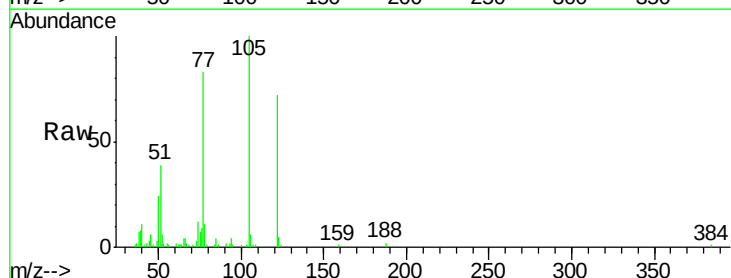
Manual Integrations
APPROVED

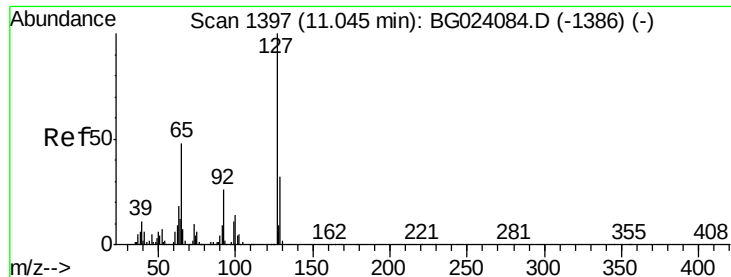
sohil
9/26/2016 6:40:59 PM



#32
Benzoic acid
Concen: 16.42 ng
RT: 10.20 min Scan# 1253
Delta R.T. -0.04 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	139.1	117.2	157.2
77	116.0	109.2	149.2





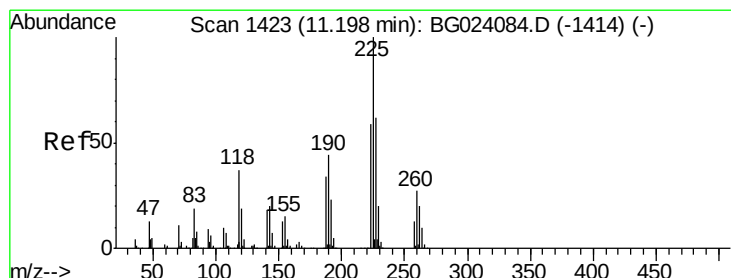
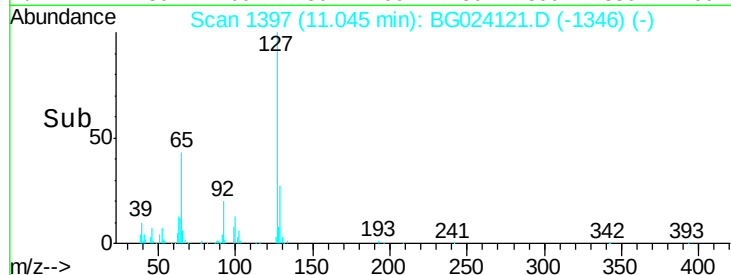
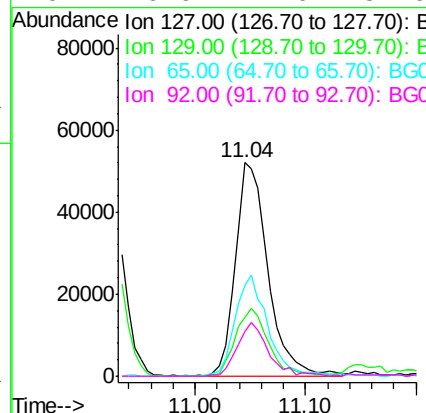
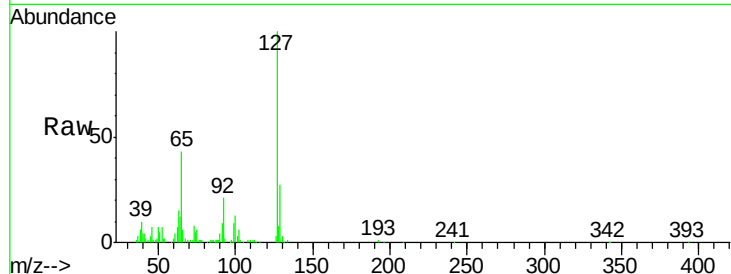
#33
4-Chloroaniline
Concen: 19.87 ng
RT: 11.04 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	27.4	27.9	41.9#
65	42.5	36.8	55.2
92	20.9	21.0	31.6#

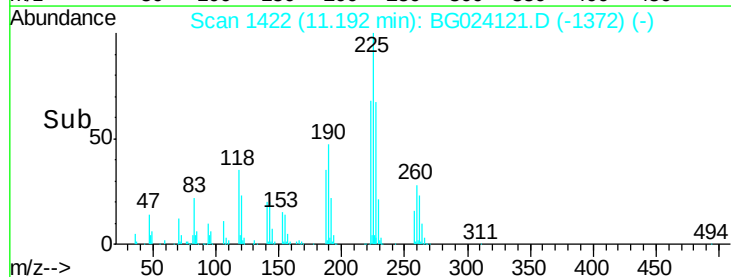
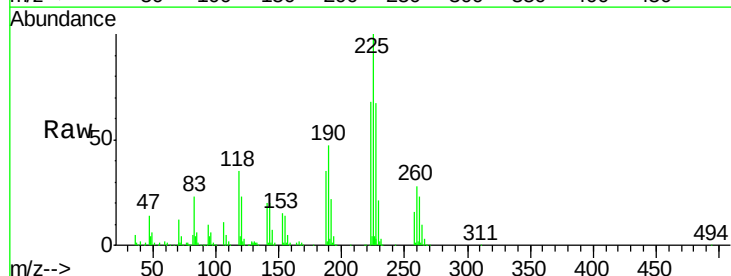
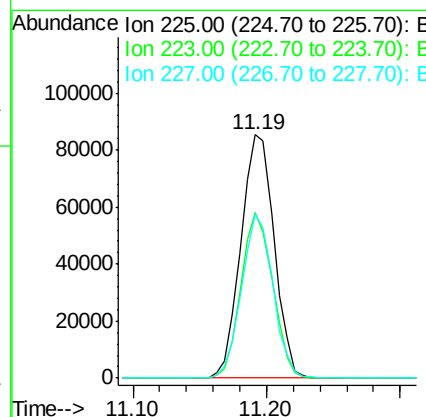
Manual Integrations
APPROVED

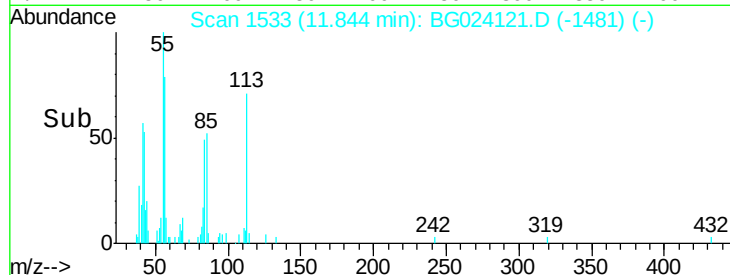
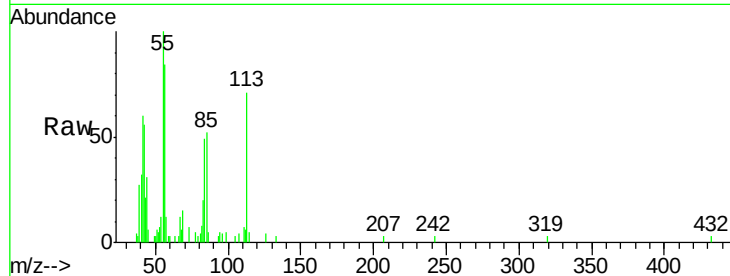
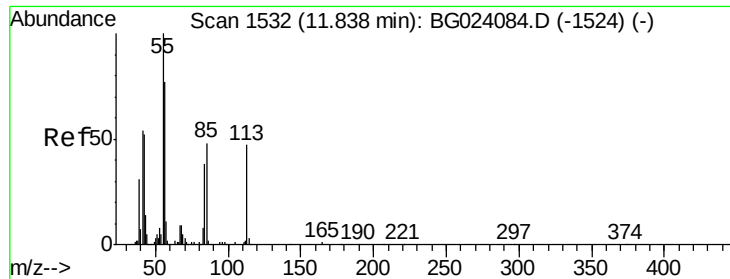
sohil
9/26/2016 6:40:59 PM



#34
Hexachlorobutadiene
Concen: 43.18 ng
RT: 11.19 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	68.1	49.6	74.4
227	67.2	54.5	81.7





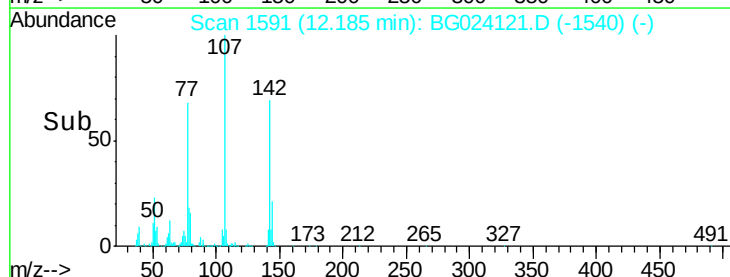
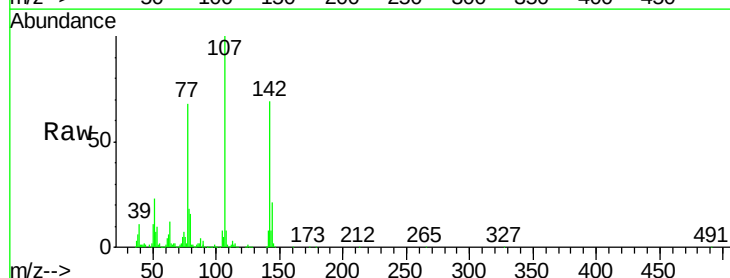
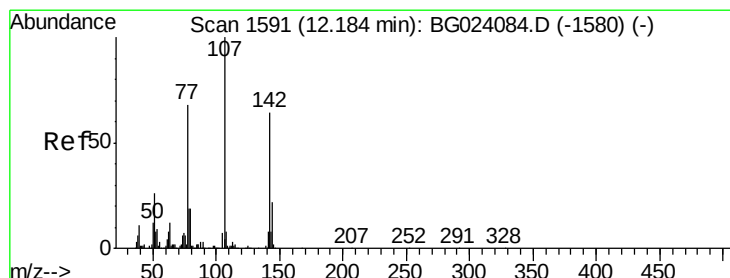
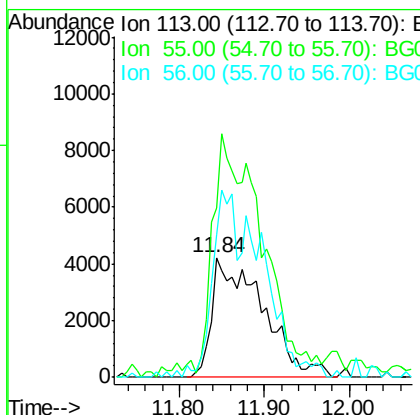
#35
 Caprolactam
 Concen: 10.60 ng m
 RT: 11.84 min Scan# 1533
 Delta R.T. 0.01 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	17417		
55	140.8	154.5	194.5#	
56	118.2	125.1	165.1#	

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

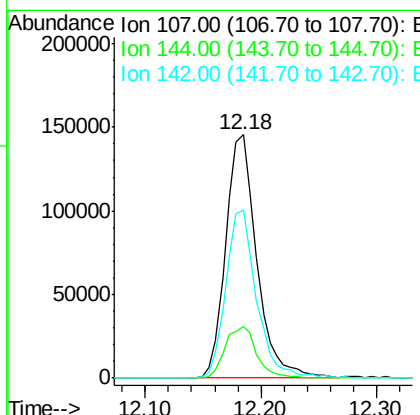
Manual Integrations
 APPROVED

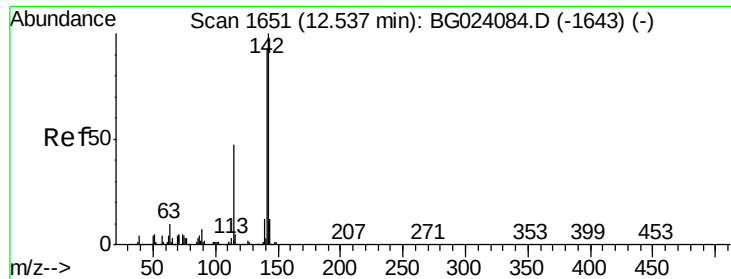
sohil
 9/26/2016 6:40:59 PM



#36
 4-Chloro-3-methylphenol
 Concen: 47.88 ng
 RT: 12.18 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	272067		
144	21.2	17.0	25.6	
142	69.2	53.0	79.6	





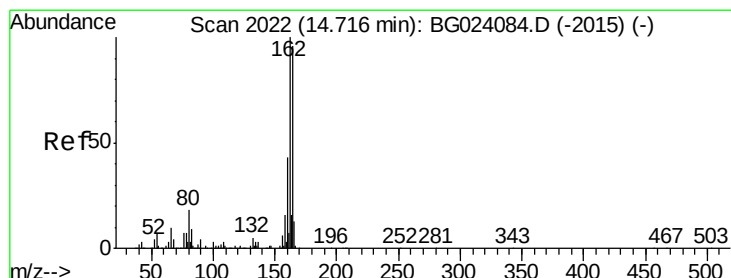
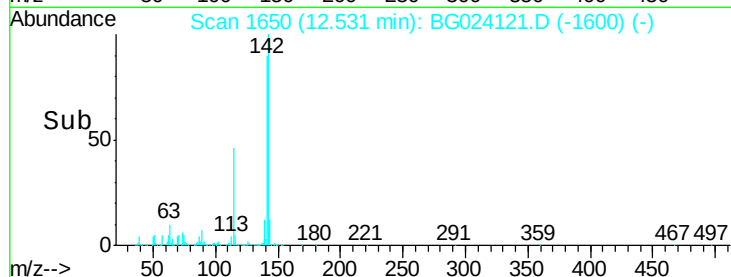
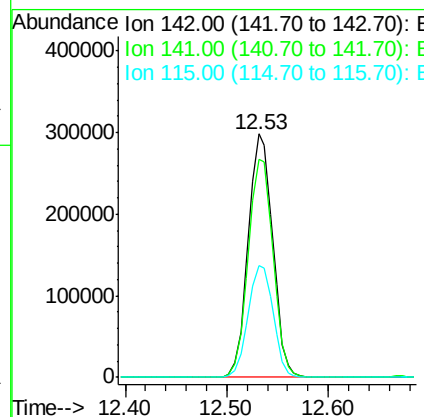
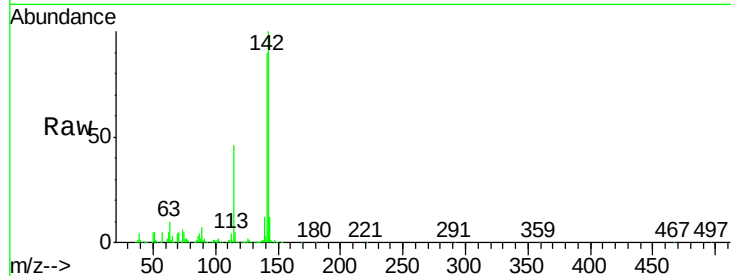
#37
 2-Methylnaphthalene
 Concen: 53.73 ng
 RT: 12.53 min Scan# 1650
 Delta R.T. -0.01 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	501263		
141	89.7	70.2	105.2	
115	45.9	41.7	62.5	

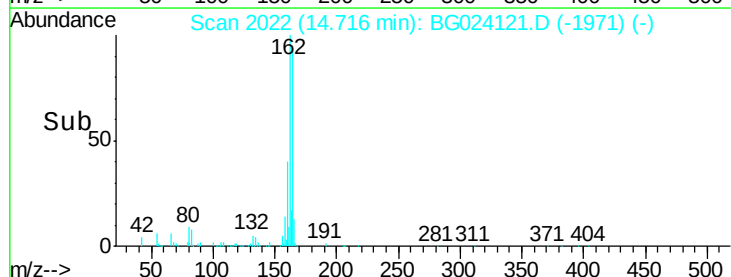
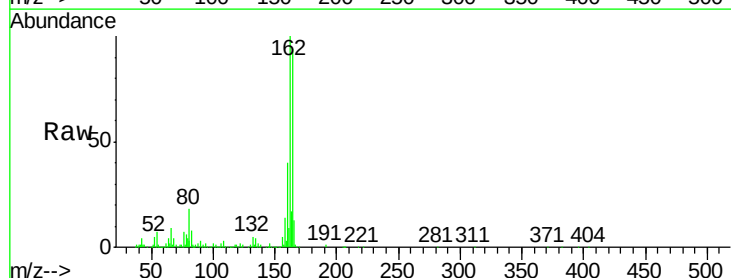
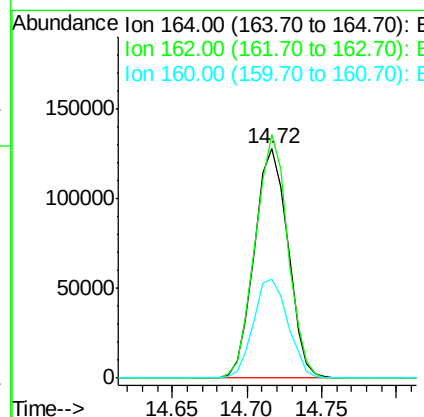
Manual Integrations
 APPROVED

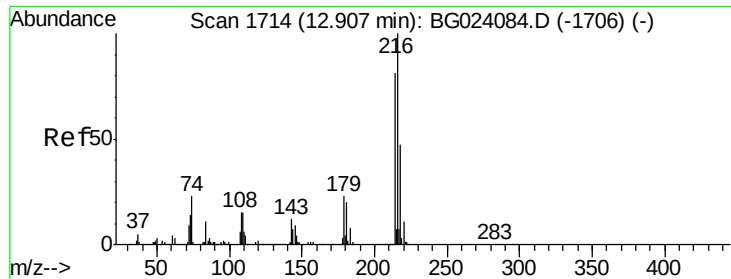
sohil
 9/26/2016 6:40:59 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

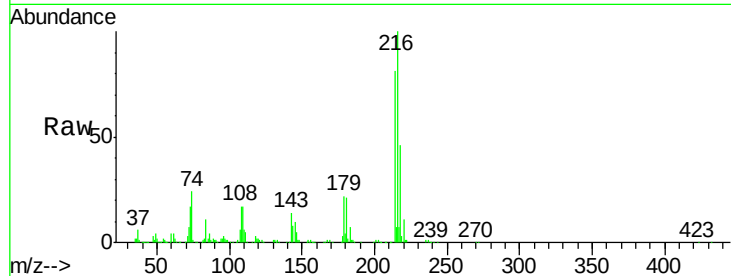
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	199156		
162	106.1	87.7	131.5	
160	42.9	37.2	55.8	





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.24 ng
 RT: 12.90 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

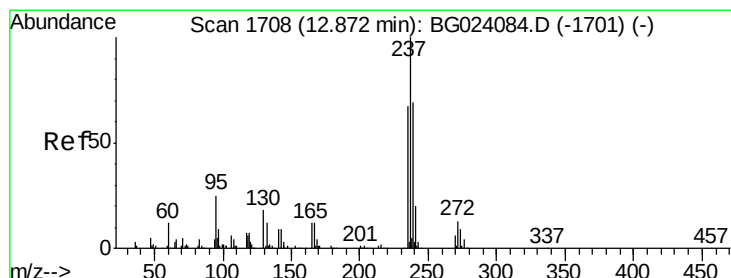
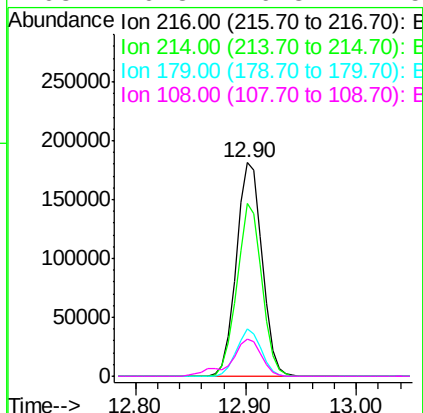
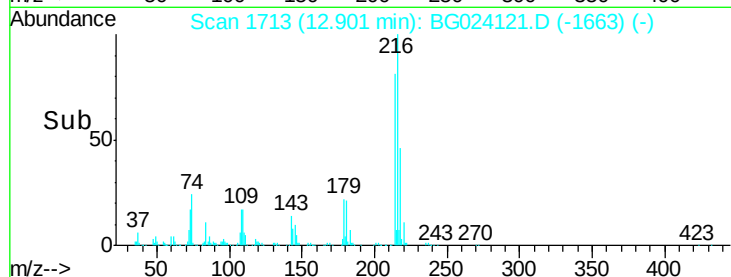
Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	297912		
214	78.1	62.9	94.3	
179	21.2	17.2	25.8	
108	20.8	16.3	24.5	

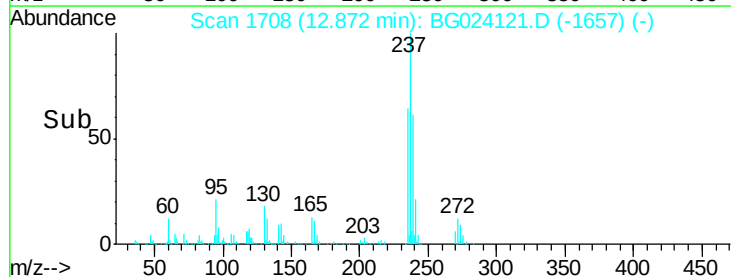
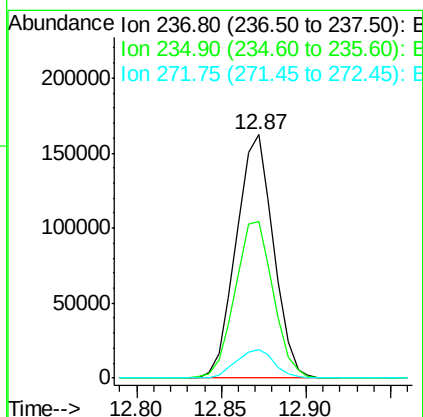
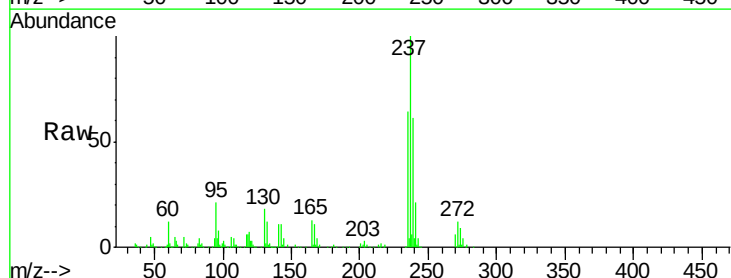
Manual Integrations
 APPROVED

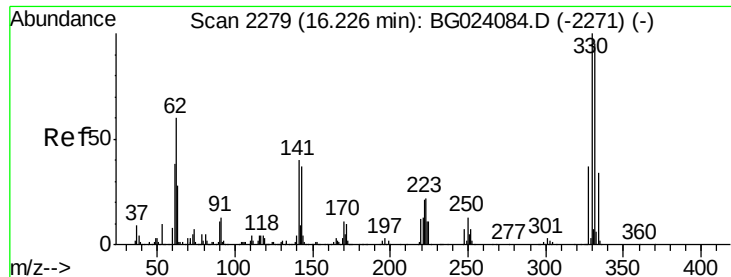
sohil
 9/26/2016 6:40:59 PM



#40
 Hexachlorocyclopentadiene
 Concen: 86.91 ng
 RT: 12.87 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	248802		
235	64.5	43.1	83.1	
272	11.7	0.0	30.9	





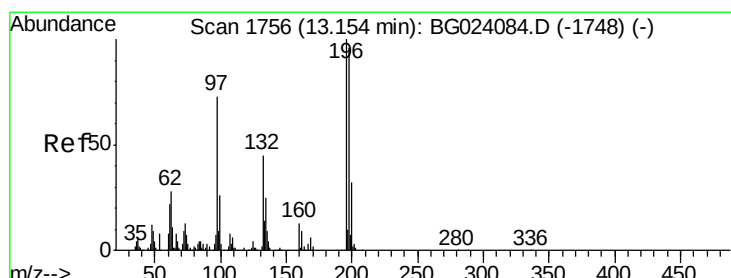
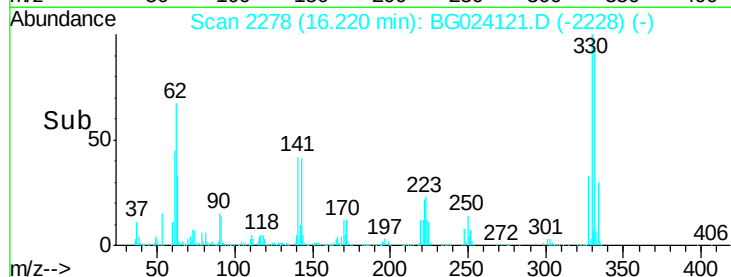
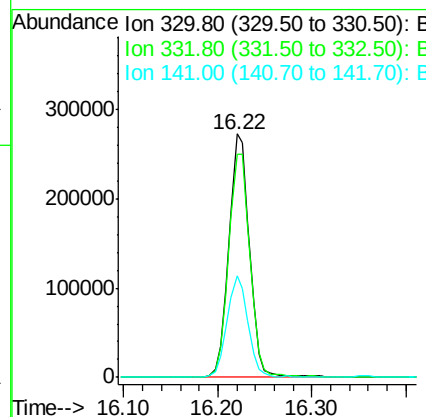
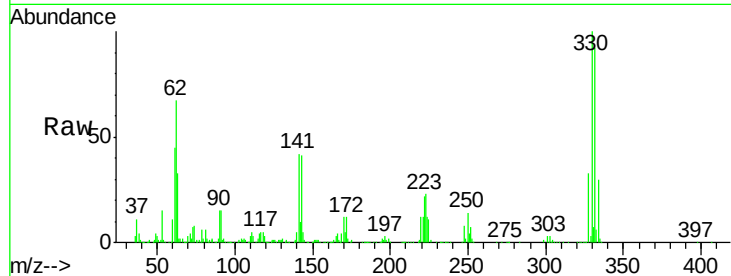
#41
 2,4,6-Tribromophenol
 Concen: 145.64 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	416932		
332	95.3	77.4	116.2	
141	42.1	31.7	47.5	

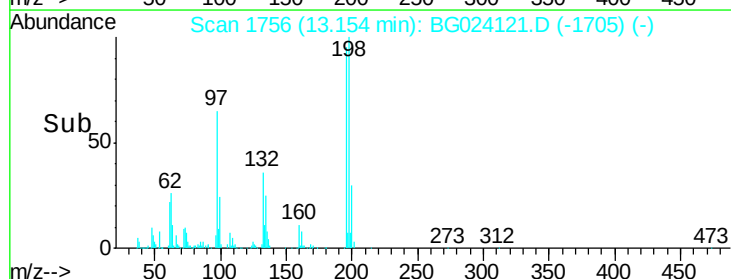
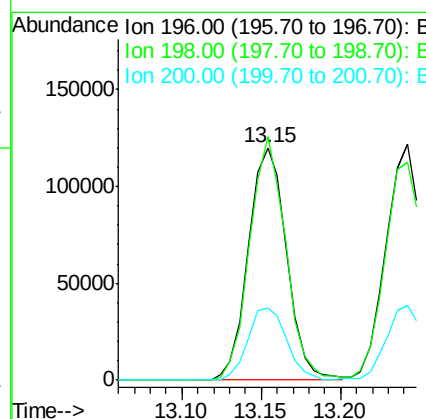
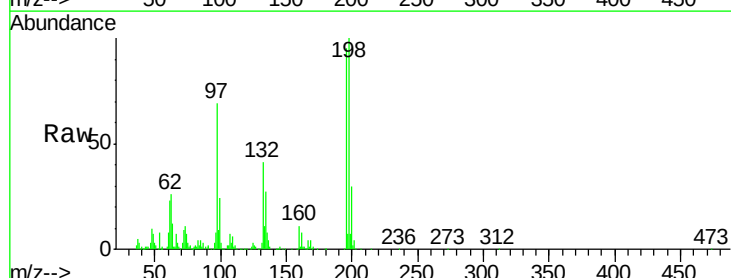
Manual Integrations
 APPROVED

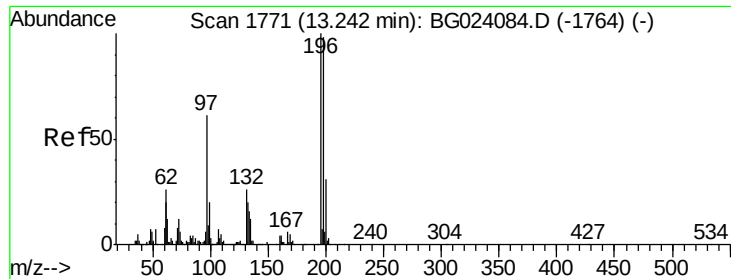
sohil
 9/26/2016 6:40:59 PM



#42
 2,4,6-Trichlorophenol
 Concen: 53.51 ng
 RT: 13.15 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	201212		
198	104.7	78.2	117.2	
200	31.0	27.0	40.4	





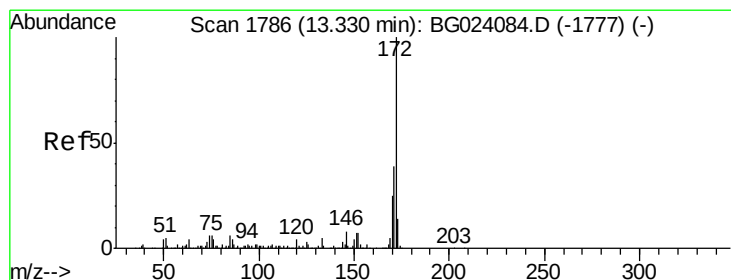
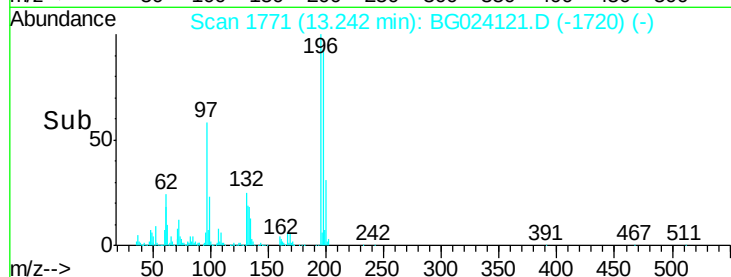
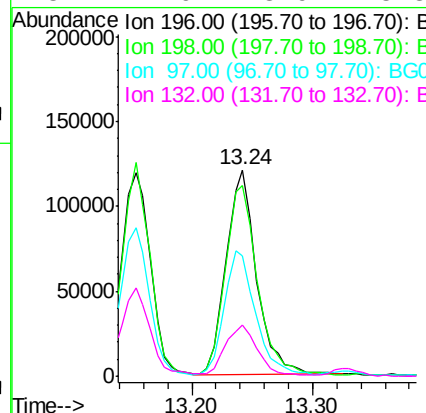
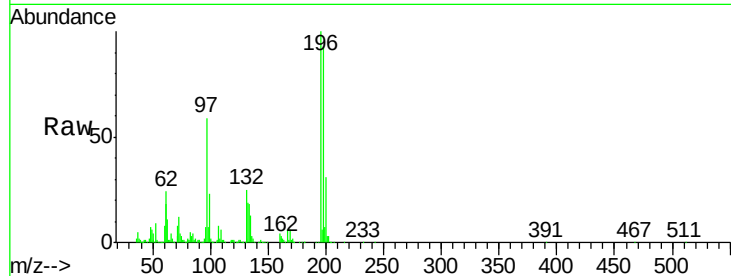
#43
 2,4,5-Trichlorophenol
 Concen: 54.49 ng
 RT: 13.24 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	210853		
198	92.5	85.7	128.5	
97	58.6	45.5	68.3	
132	24.9	18.9	28.3	

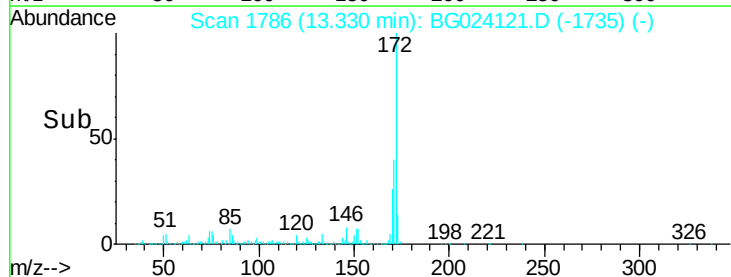
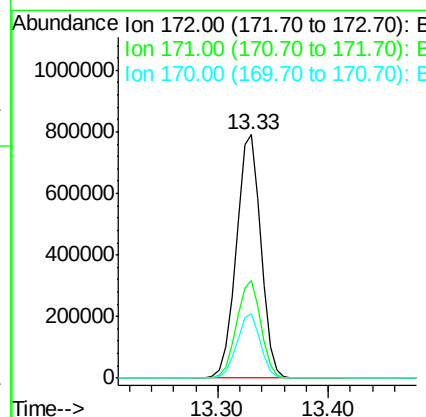
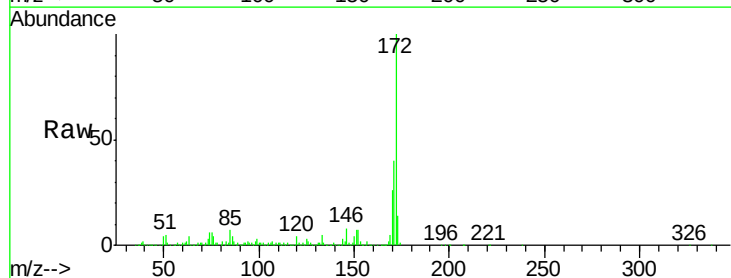
Manual Integrations
 APPROVED

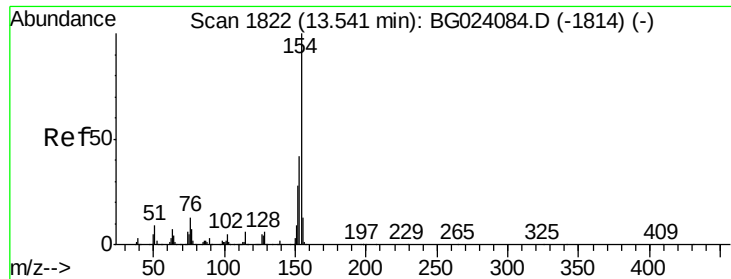
sohil
 9/26/2016 6:40:59 PM



#44
 2-Fluorobiphenyl
 Concen: 103.64 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1227902		
171	39.9	31.6	47.4	
170	26.4	21.3	31.9	





#45

1,1'-Biphenyl

Concen: 51.60 ng

RT: 13.54 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

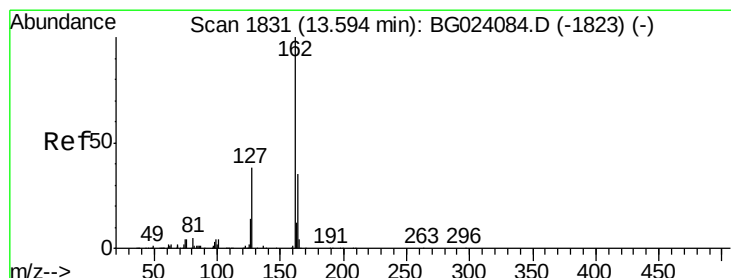
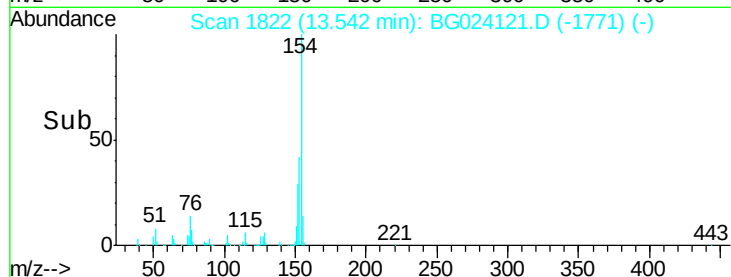
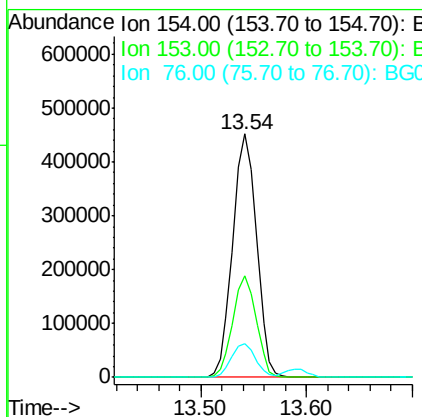
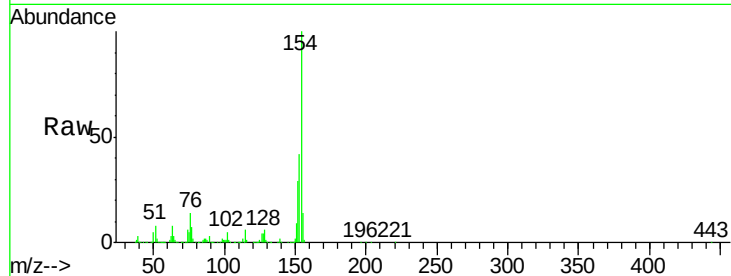
ClientSampleId :

MW-1-092116MSD

Tgt Ion:	154	Resp:	702697
Ion Ratio	Lower	Upper	
154	100		
153	41.7	20.2	60.2
76	13.9	0.0	32.9

Manual Integrations
APPROVED

sohil
9/26/2016 6:40:59 PM



#46

2-Chloronaphthalene

Concen: 54.39 ng

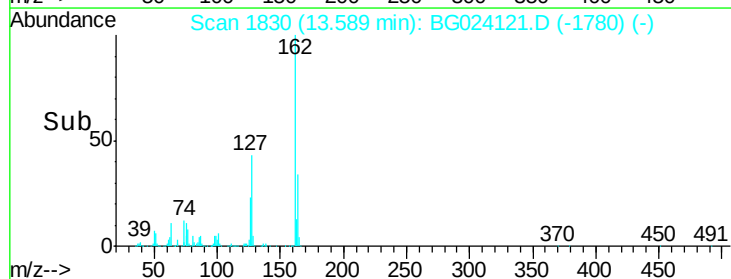
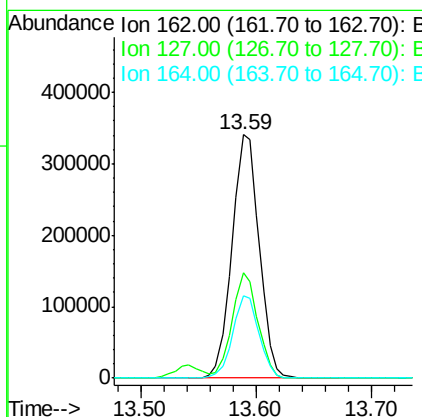
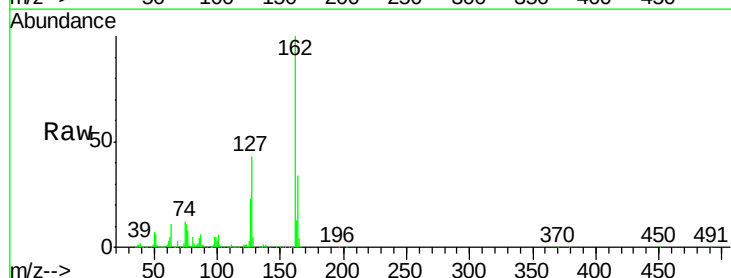
RT: 13.59 min Scan# 1830

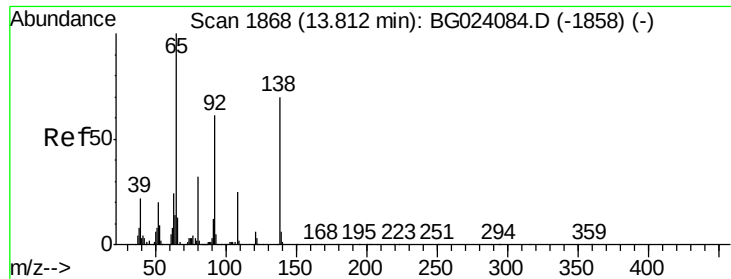
Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Tgt Ion:	162	Resp:	553054
Ion Ratio	Lower	Upper	
162	100		
127	43.4	32.4	48.6
164	33.8	25.2	37.8





#47

2-Nitroaniline

Concen: 54.90 ng

RT: 13.81 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

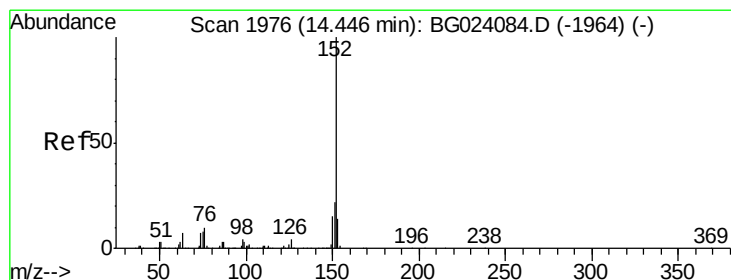
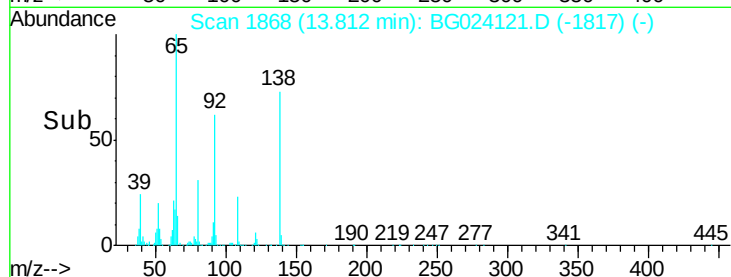
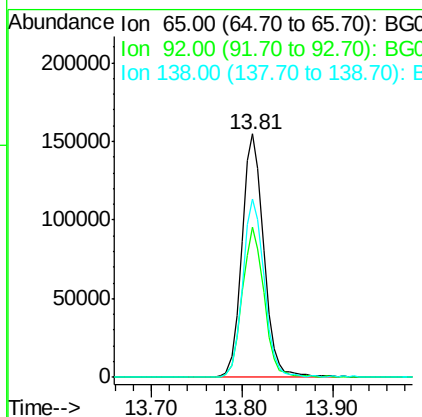
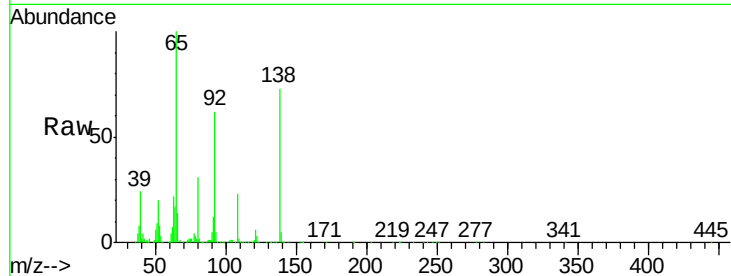
ClientSampleId :

MW-1-092116MSD

Tgt Ion:	65	Resp:	259741
Ion Ratio	Lower	Upper	
65	100		
92	61.7	49.4	74.0
138	73.1	58.0	87.0

Manual Integrations
APPROVED

sohil
9/26/2016 6:40:59 PM



#48

Acenaphthylene

Concen: 52.22 ng

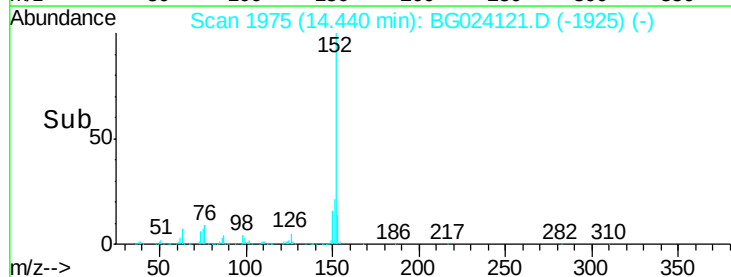
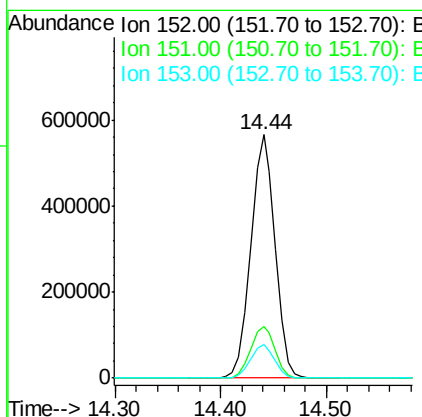
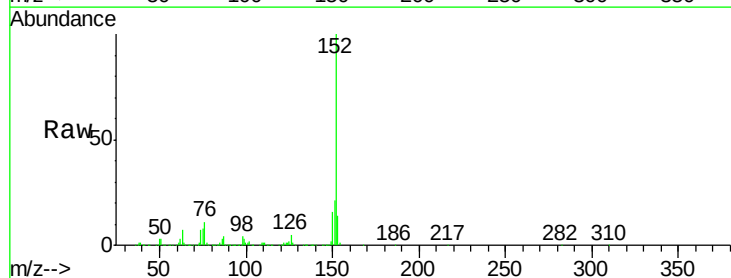
RT: 14.44 min Scan# 1975

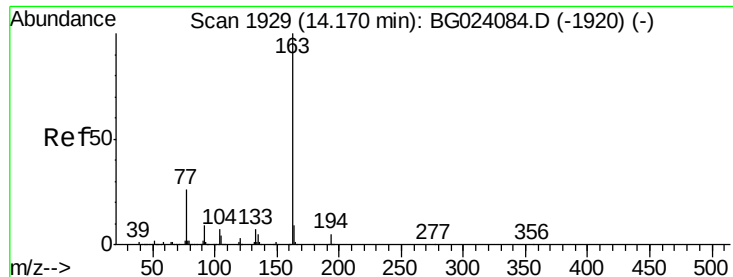
Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Tgt Ion:	152	Resp:	901508
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.6	26.4
153	13.9	11.4	17.2





#49

Dimethylphthalate

Concen: 53.66 ng

RT: 14.17 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

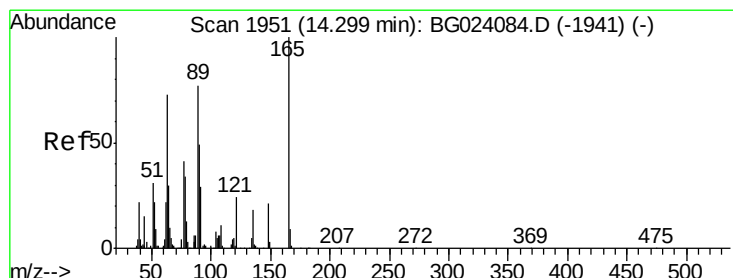
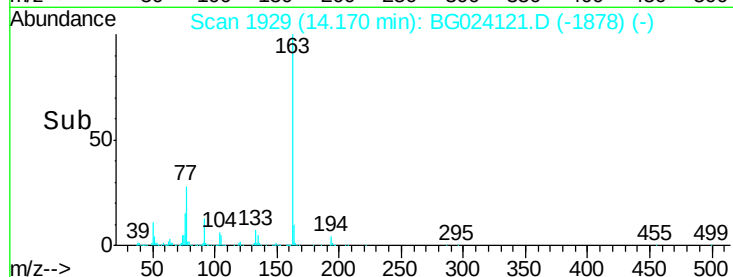
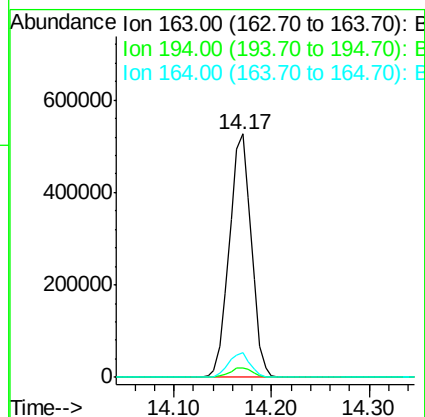
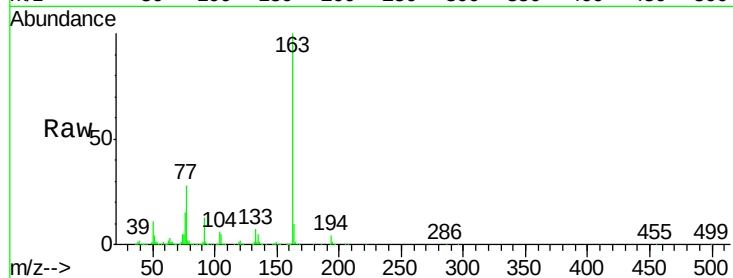
ClientSampleId :

MW-1-092116MSD

Tgt Ion:	163	Resp:	819849
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.6	5.4
164	10.4	8.1	12.1

Manual Integrations
APPROVED

sohil
9/26/2016 6:40:59 PM



#50

2,6-Dinitrotoluene

Concen: 55.96 ng

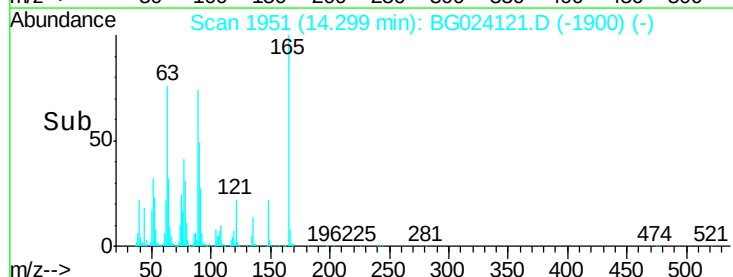
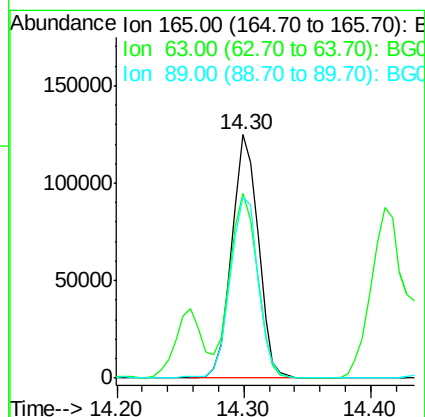
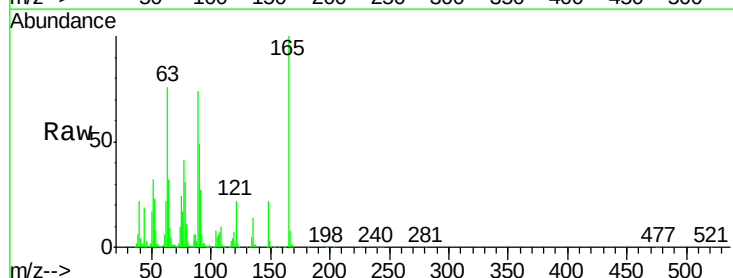
RT: 14.30 min Scan# 1951

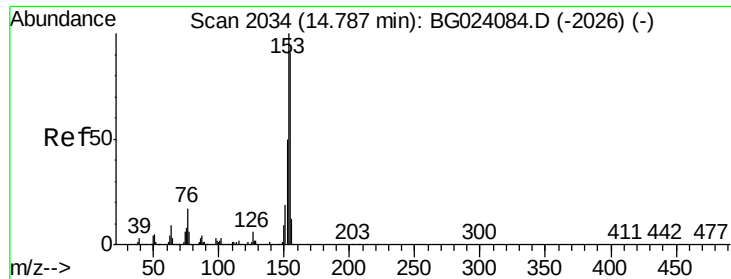
Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Tgt Ion:	165	Resp:	179592
Ion Ratio	Lower	Upper	
165	100		
63	76.0	64.3	96.5
89	74.5	64.3	96.5





#51

Acenaphthene

Concen: 54.45 ng

RT: 14.78 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

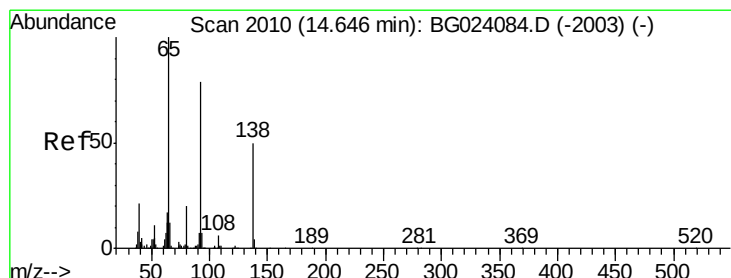
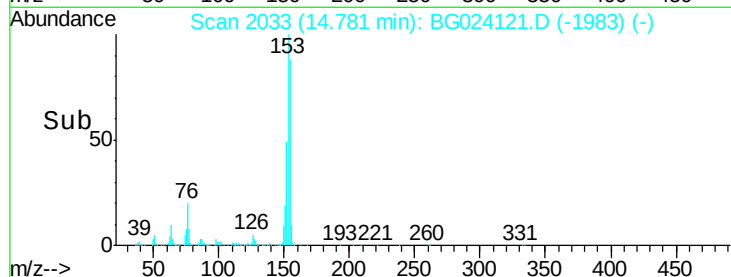
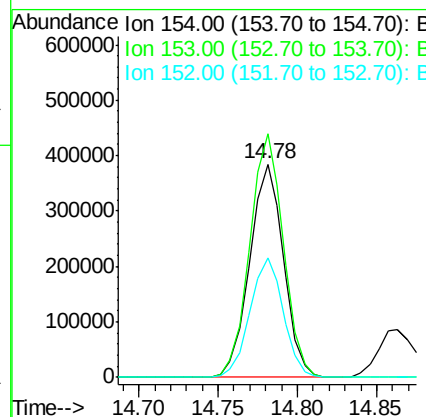
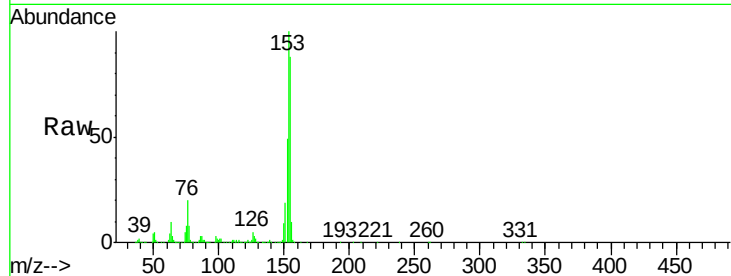
ClientSampleId :

MW-1-092116MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.1	87.5	131.3	
152	56.0	42.7	64.1	

Manual Integrations
APPROVED

sohil
9/26/2016 6:40:59 PM



#52

3-Nitroaniline

Concen: 27.84 ng

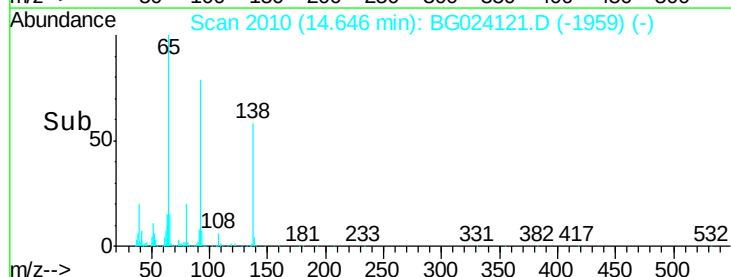
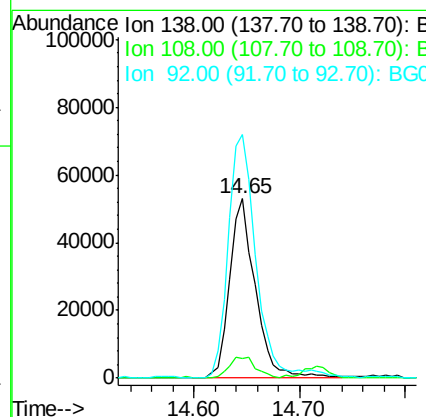
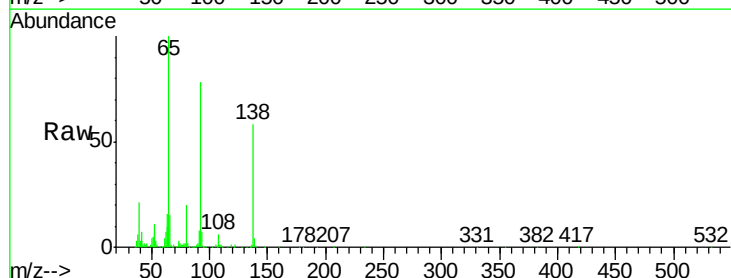
RT: 14.65 min Scan# 2010

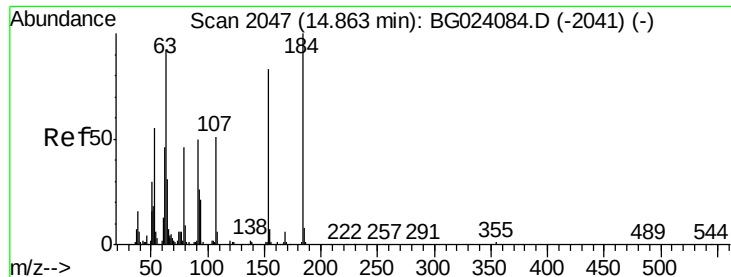
Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.0	11.7	17.5#	
92	135.9	129.7	194.5	





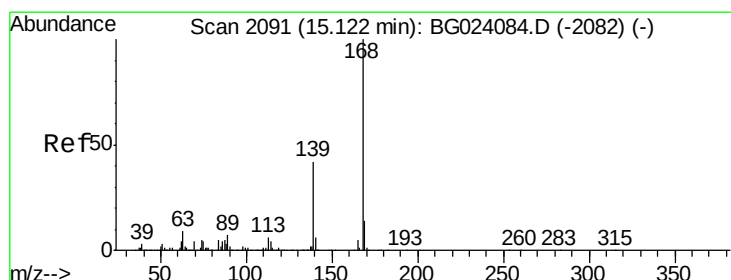
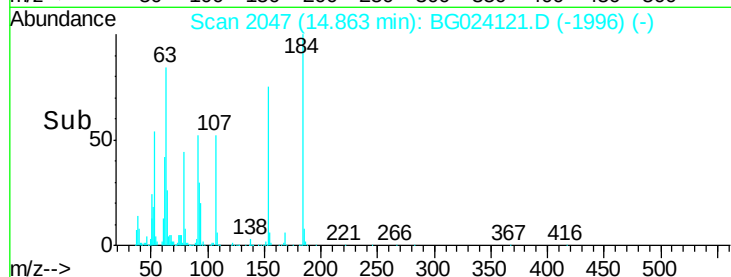
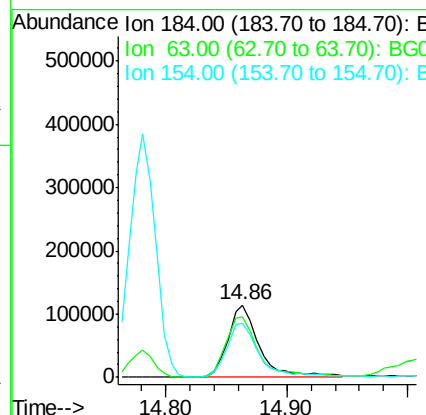
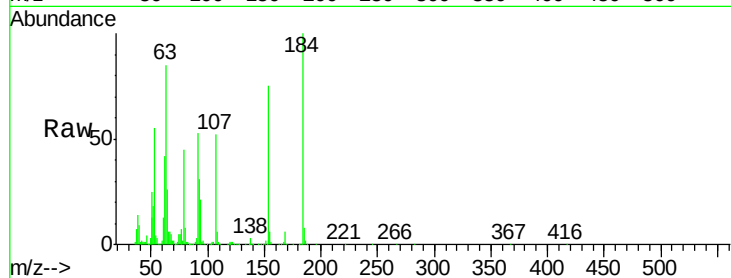
#53
2,4-Dinitrophenol
Concen: 85.41 ng
RT: 14.86 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	205492		
63	84.5	59.6	89.4	
154	74.8	67.4	101.0	

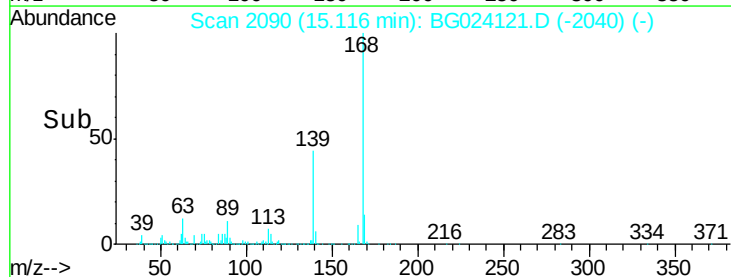
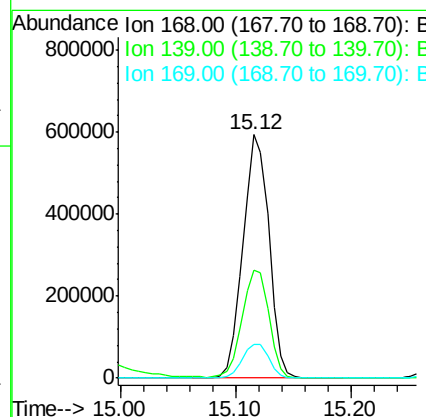
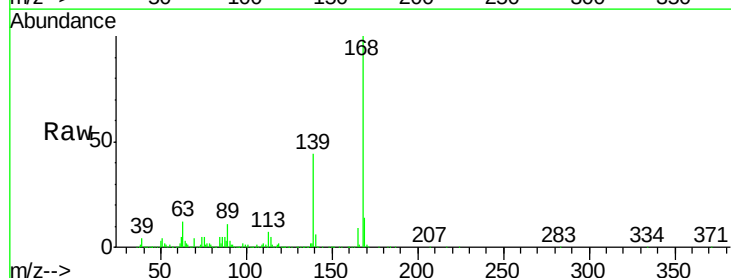
Manual Integrations
APPROVED

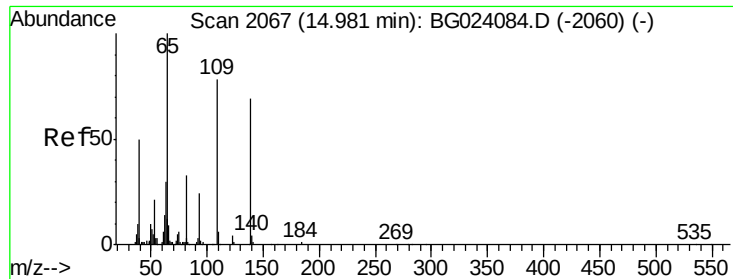
sohil
9/26/2016 6:40:59 PM



#54
Dibenzofuran
Concen: 56.65 ng
RT: 15.12 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	923483		
139	44.1	36.4	54.6	
169	14.1	11.9	17.9	





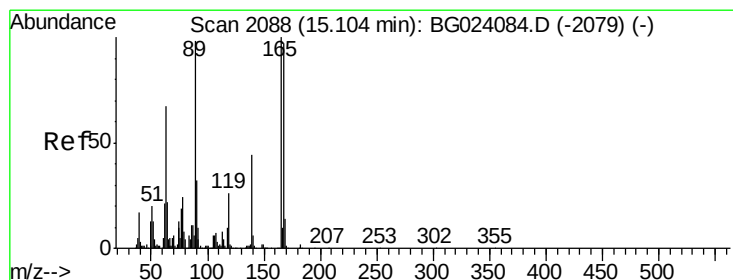
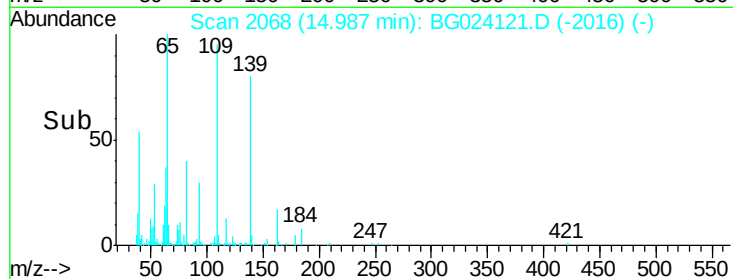
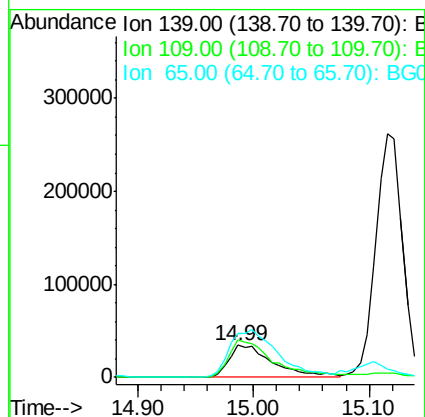
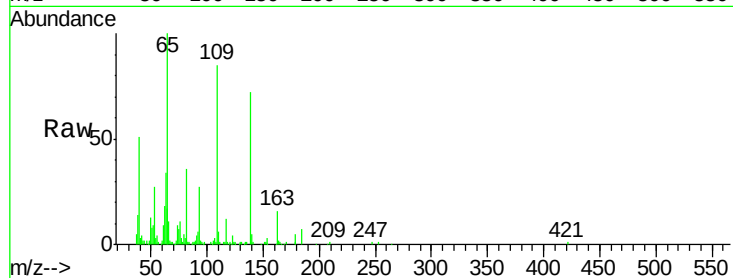
#55
4-Nitrophenol
Concen: 39.25 ng
RT: 14.99 min Scan# 2068
Delta R.T. 0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	92476		
109	118.0	103.0	143.0	
65	138.6	112.7	152.7	

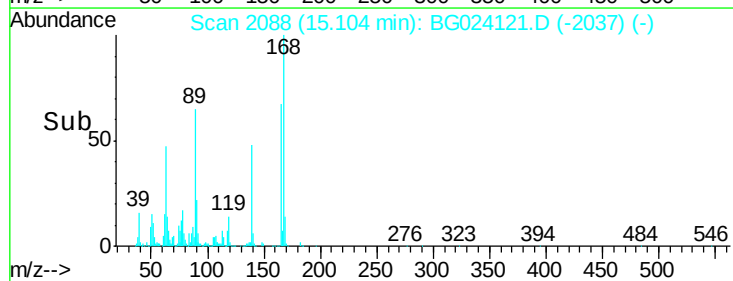
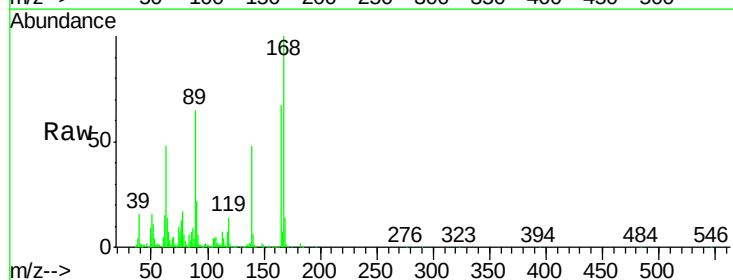
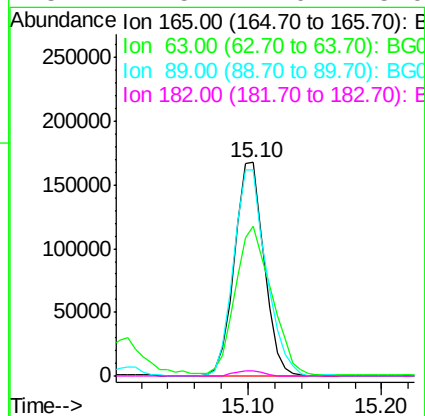
Manual Integrations
APPROVED

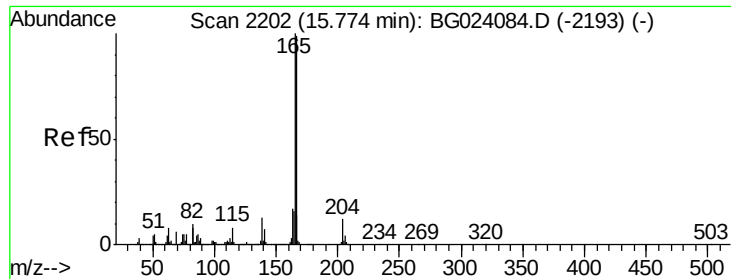
sohil
9/26/2016 6:40:59 PM



#56
2,4-Dinitrotoluene
Concen: 53.18 ng
RT: 15.10 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	259686		
63	70.4	45.8	68.6#	
89	96.5	68.6	102.8	
182	2.5	2.0	3.0	





#57

Fluorene

Concen: 53.32 ng

RT: 15.77 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

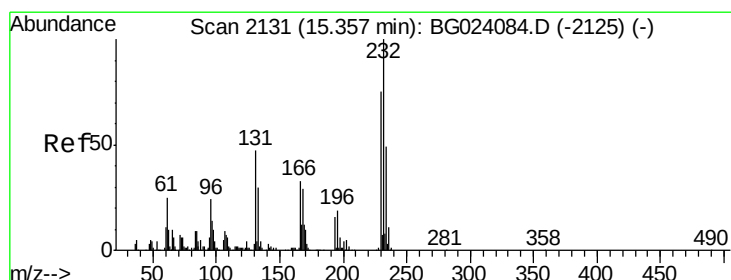
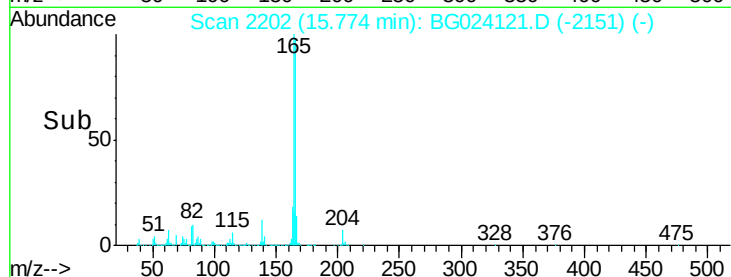
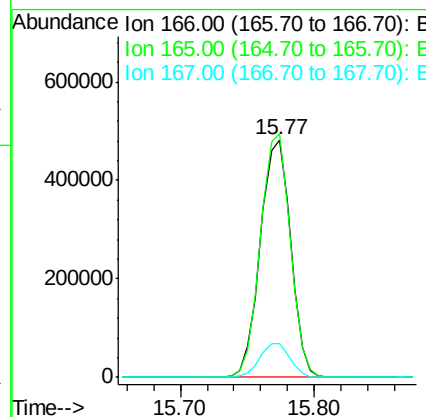
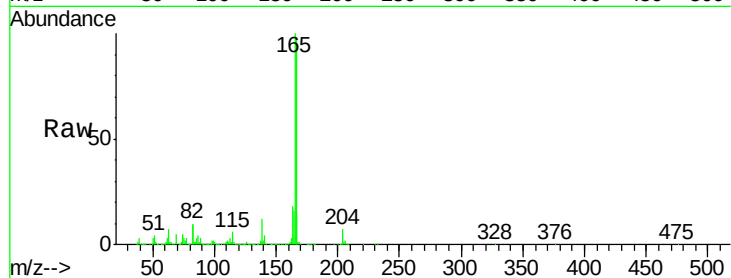
ClientSampleId :

MW-1-092116MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	756505		
165	102.5	81.0	121.6	
167	14.2	12.0	18.0	

Manual Integrations
APPROVED

sohil
9/26/2016 6:40:59 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.26 ng

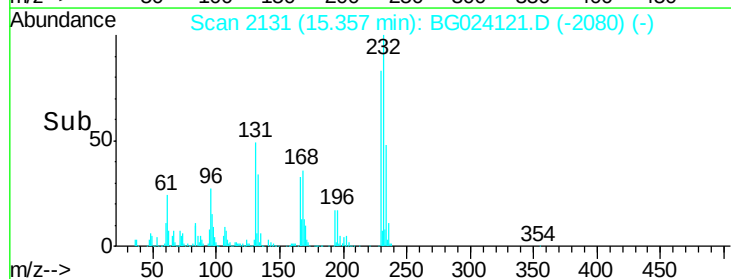
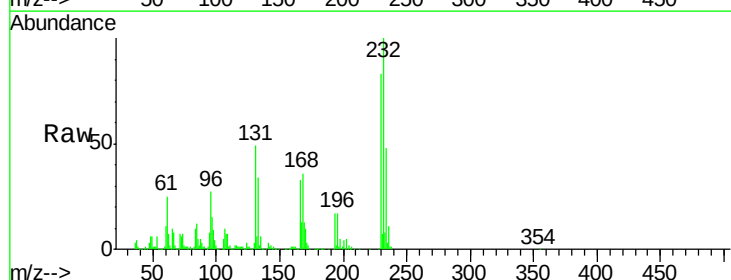
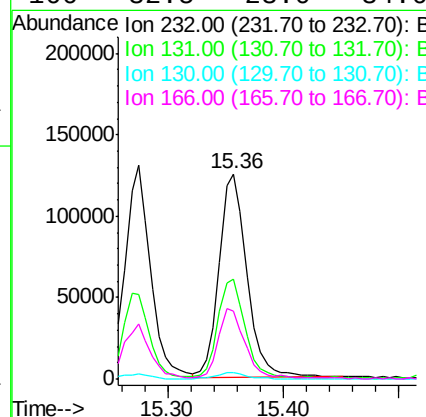
RT: 15.36 min Scan# 2131

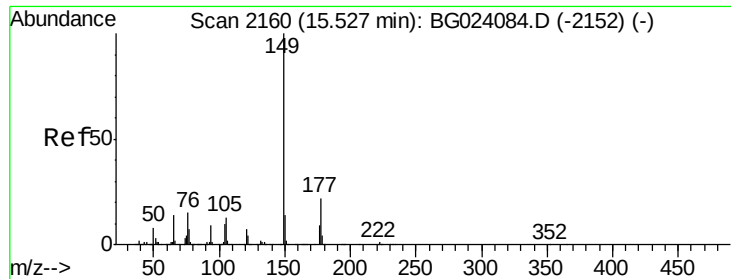
Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	210233		
131	47.0	32.7	49.1	
130	3.6	2.6	3.8	
166	32.5	23.0	34.6	





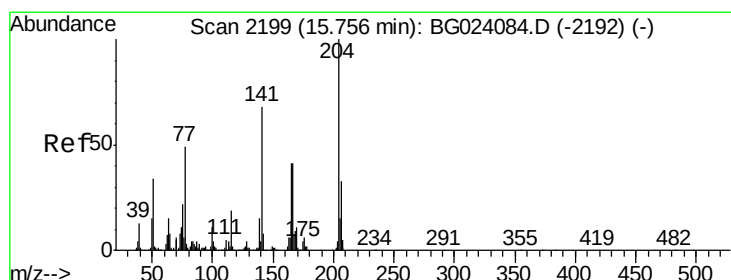
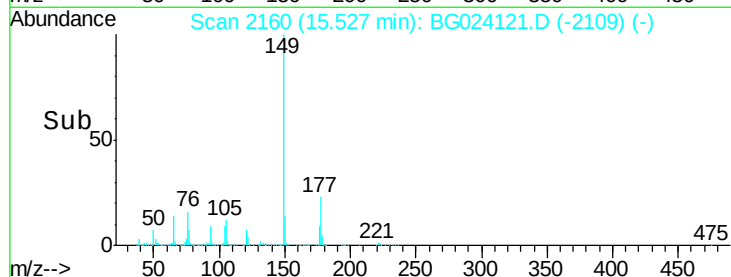
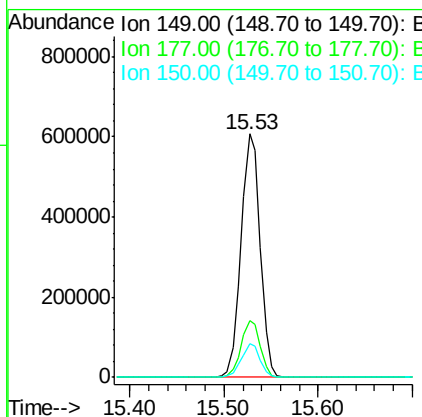
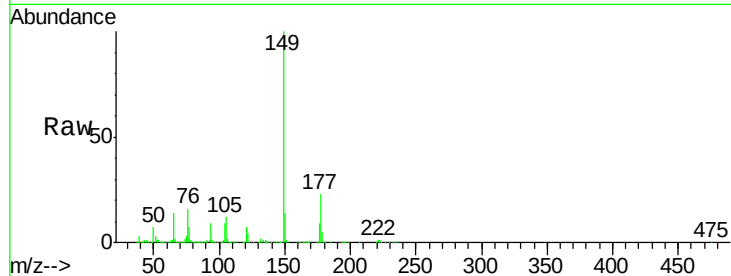
#59
Diethylphthalate
Concen: 51.86 ng
RT: 15.53 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	853281		
177	23.1	19.2	28.8	
150	13.8	10.6	16.0	

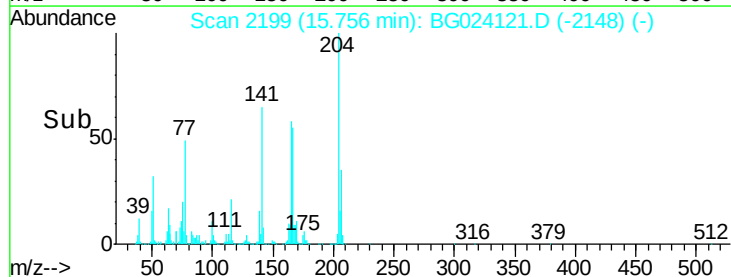
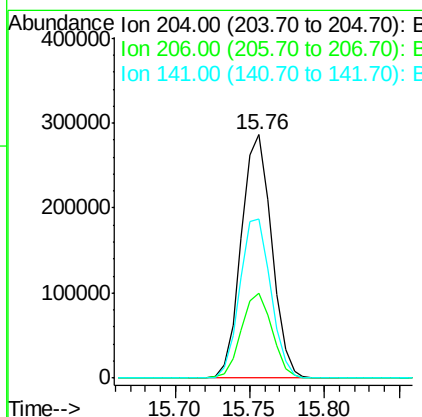
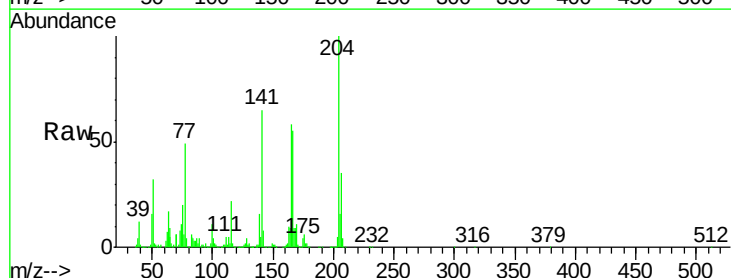
Manual Integrations
APPROVED

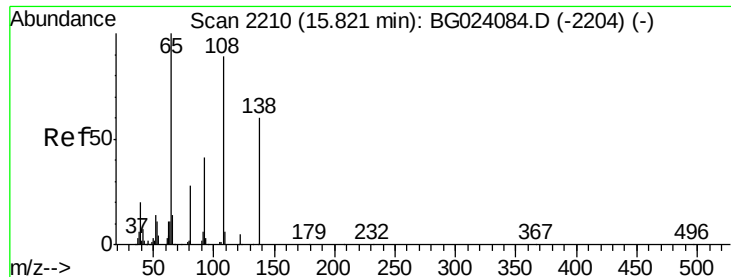
sohil
9/26/2016 6:40:59 PM



#60
4-Chlorophenyl-phenylether
Concen: 53.17 ng
RT: 15.76 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	404194		
206	34.9	28.5	42.7	
141	65.5	51.4	77.0	





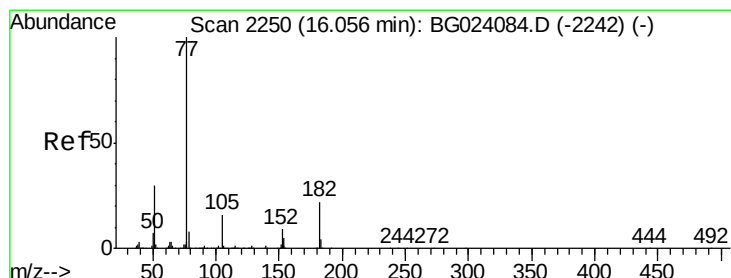
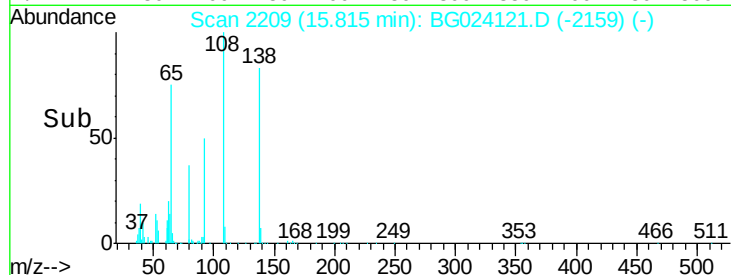
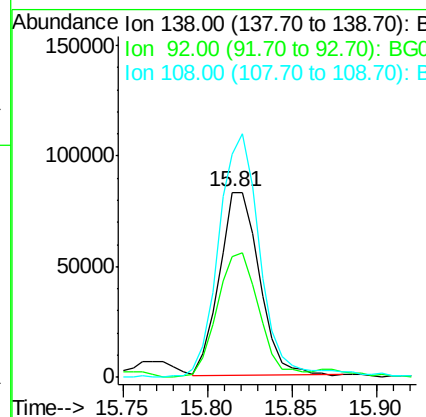
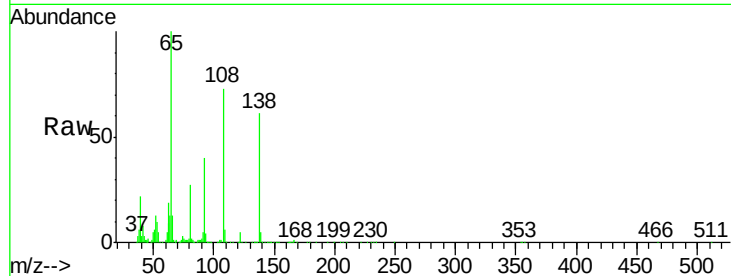
#61
4-Nitroaniline
Concen: 41.50 ng
RT: 15.81 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	137793		
92	65.5	54.1	94.1	
108	120.3	133.9	173.9	

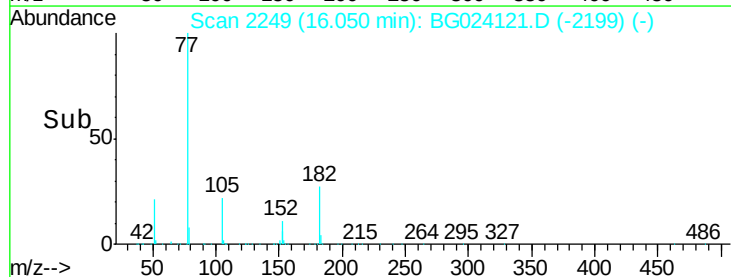
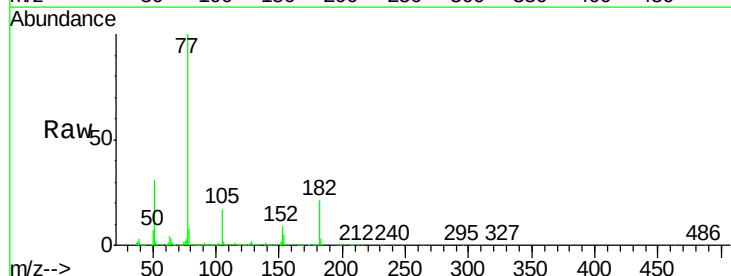
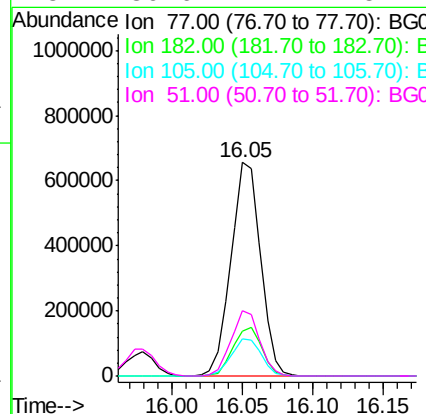
Manual Integrations
APPROVED

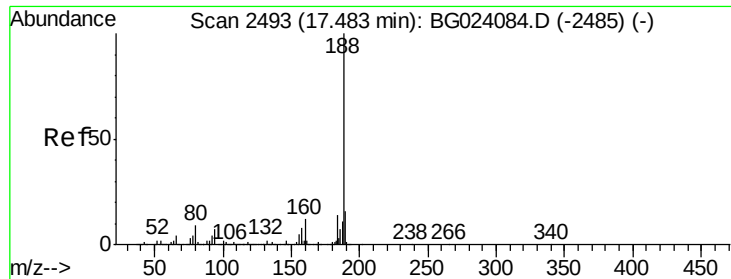
sohil
9/26/2016 6:40:59 PM



#62
Azobenzene
Concen: 57.11 ng
RT: 16.05 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	954758		
182	21.0	3.5	43.5	
105	17.5	0.0	38.5	
51	30.6	17.1	57.1	





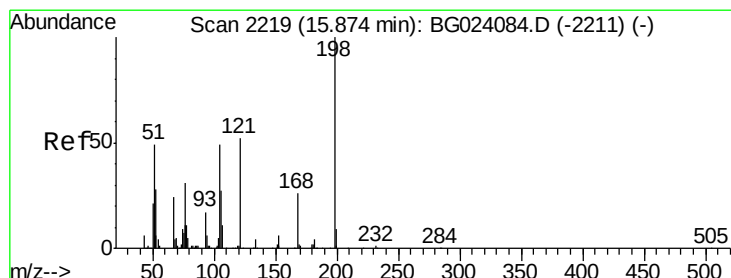
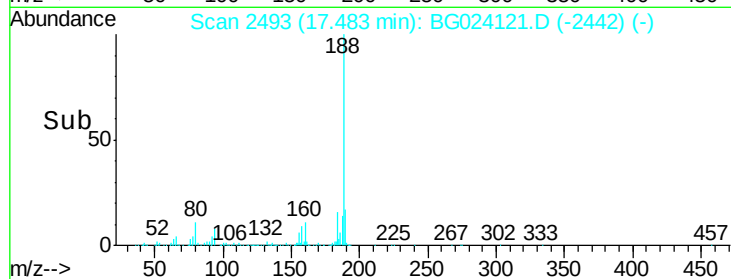
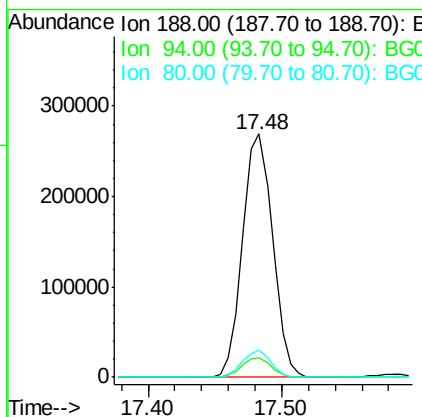
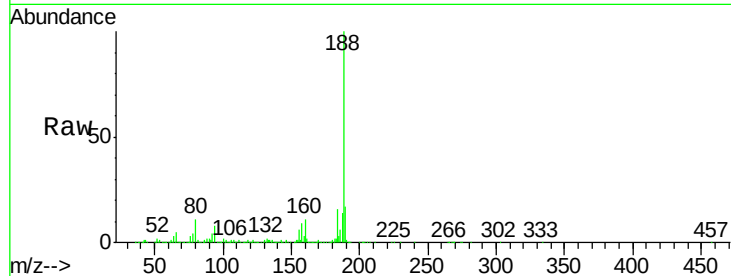
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	419093		
94	7.8	5.2	7.8#	
80	11.3	7.2	10.8#	

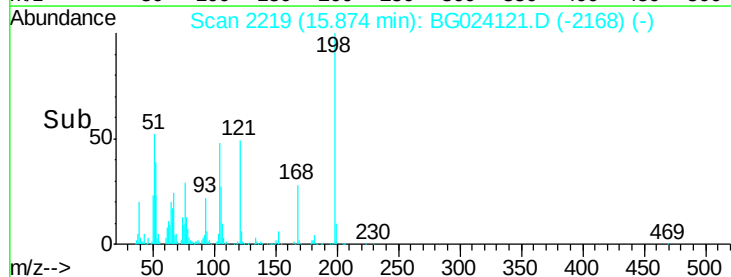
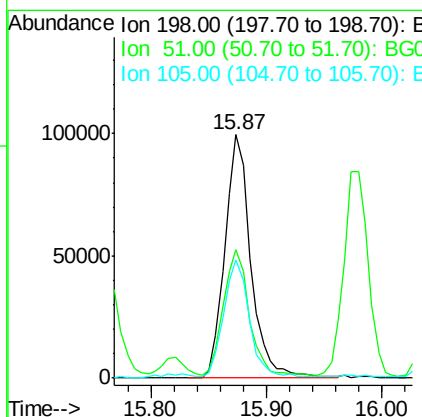
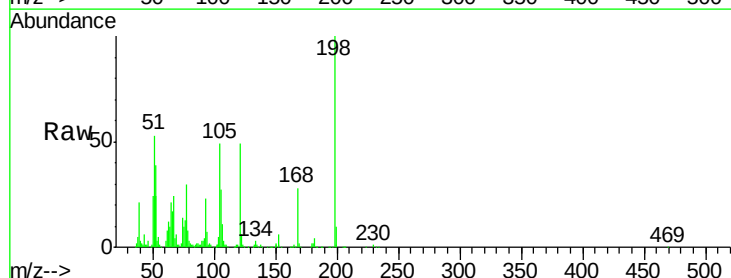
Manual Integrations
APPROVED

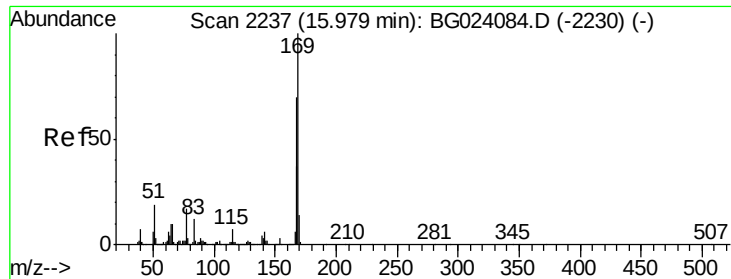
sohil
9/26/2016 6:40:59 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 53.34 ng
RT: 15.87 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	155228		
51	52.6	26.0	66.0	
105	48.6	20.1	60.1	





#65

n-Nitrosodiphenylamine

Concen: 59.86 ng

RT: 15.98 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

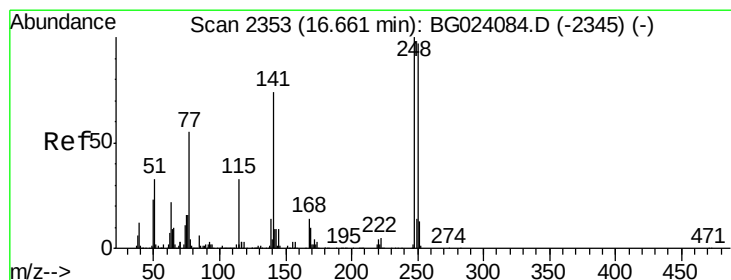
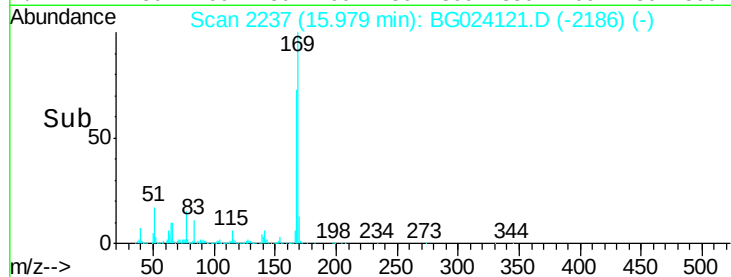
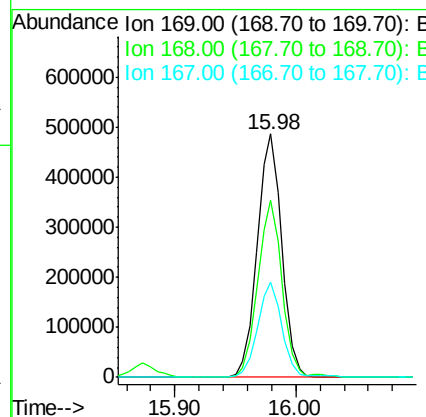
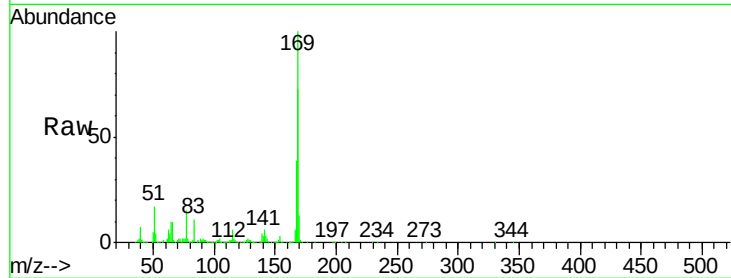
ClientSampleId :

MW-1-092116MSD

Tgt Ion:	169	Resp:	686318
Ion Ratio	Lower	Upper	
169	100		
168	72.8	55.0	82.4
167	38.8	27.4	41.0

Manual Integrations
APPROVED

sohil
9/26/2016 6:40:59 PM



#66

4-Bromophenyl-phenylether

Concen: 57.83 ng

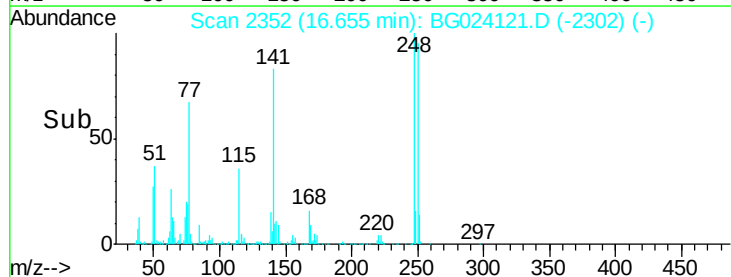
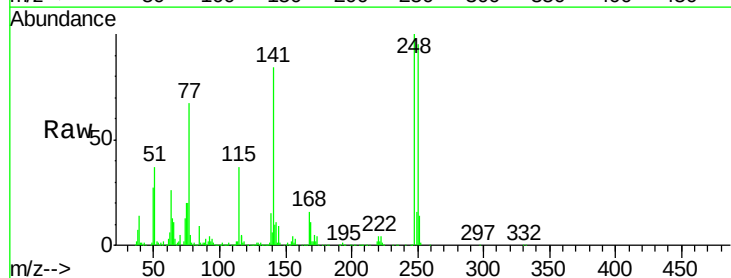
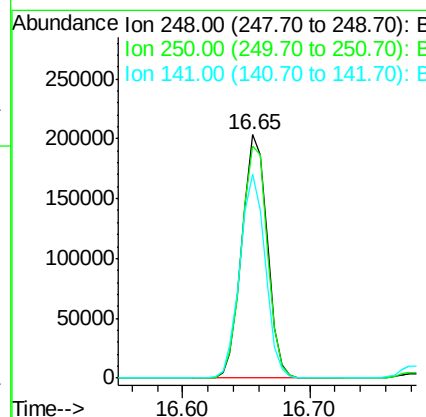
RT: 16.65 min Scan# 2352

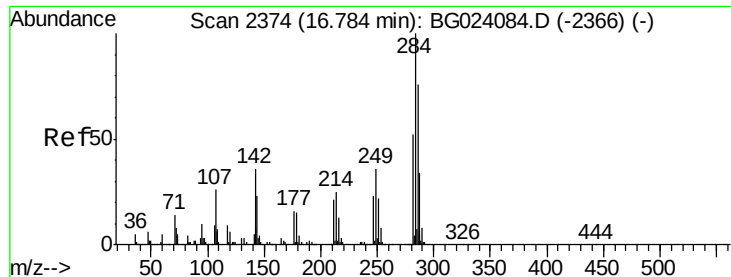
Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Tgt Ion:	248	Resp:	281106
Ion Ratio	Lower	Upper	
248	100		
250	95.2	77.8	116.8
141	83.8	65.7	98.5





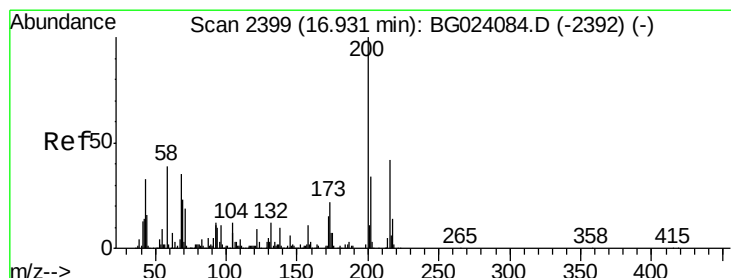
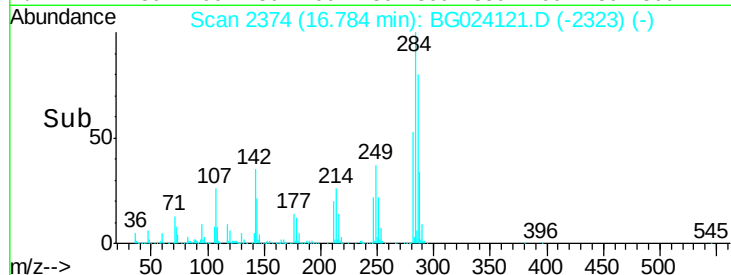
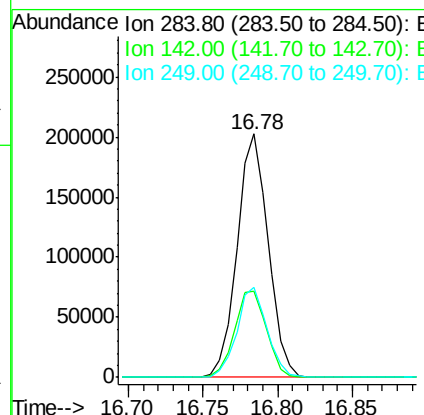
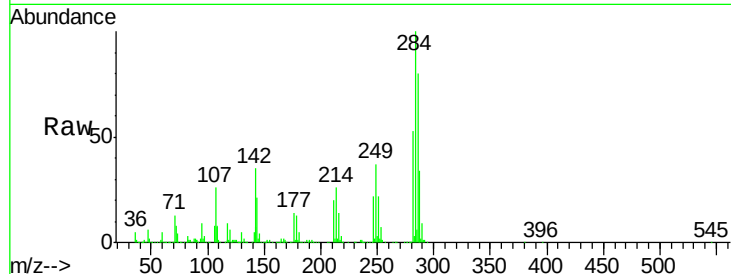
#67
Hexachlorobenzene
Concen: 53.41 ng
RT: 16.78 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	35.2	26.8	40.2
249	37.1	28.9	43.3

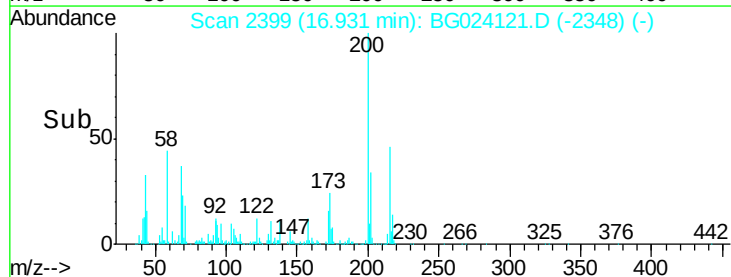
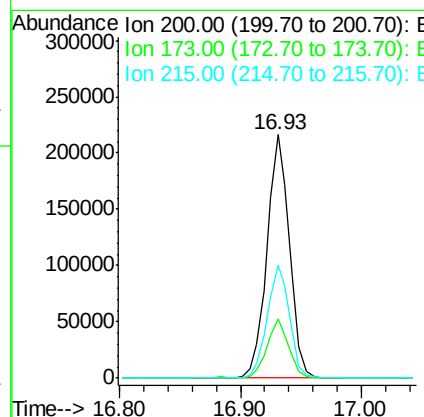
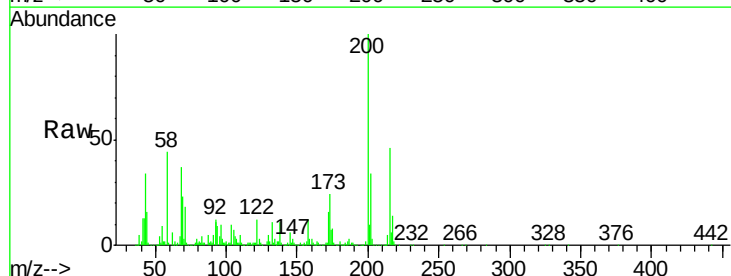
Manual Integrations
APPROVED

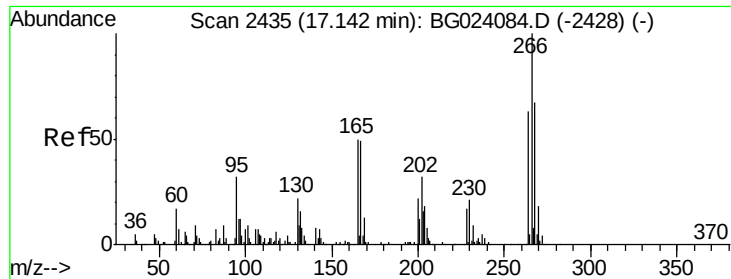
sohil
9/26/2016 6:40:59 PM



#68
Atrazine
Concen: 55.38 ng
RT: 16.93 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.4	1.6	41.6
215	46.4	28.7	68.7





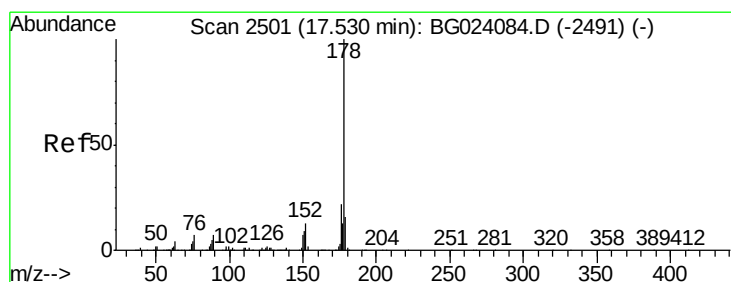
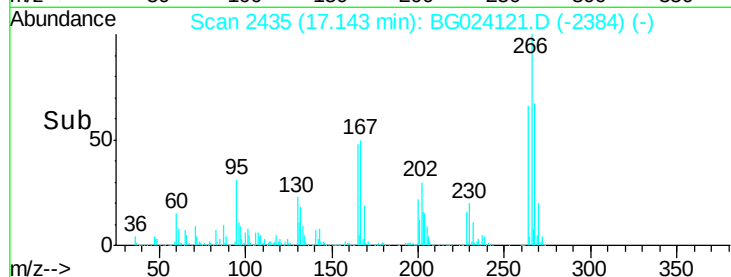
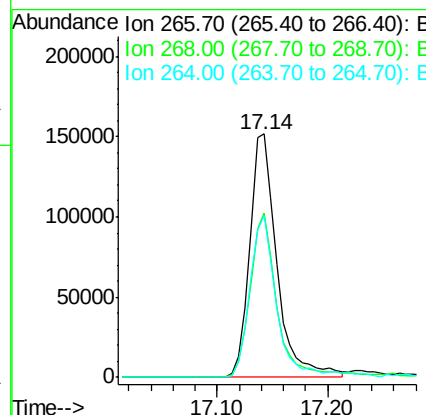
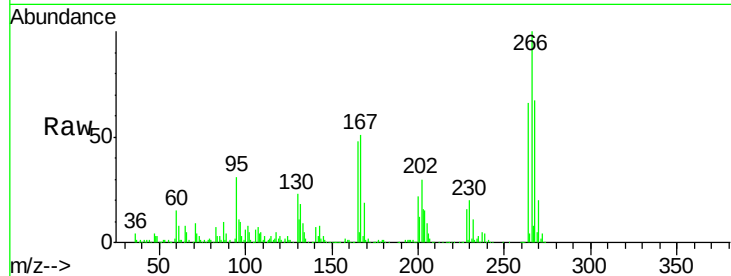
#69
 Pentachlorophenol
 Concen: 91.99 ng
 RT: 17.14 min Scan# 2435
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	262726		
268	67.5	51.9	77.9	
264	66.4	50.6	75.8	

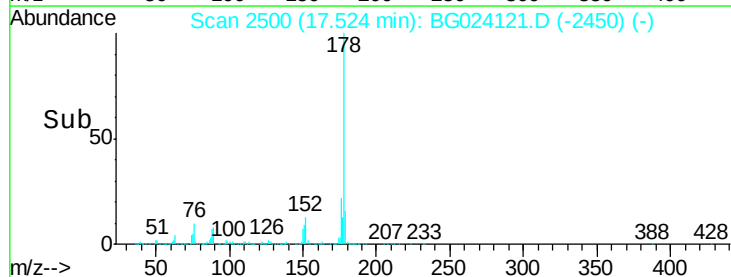
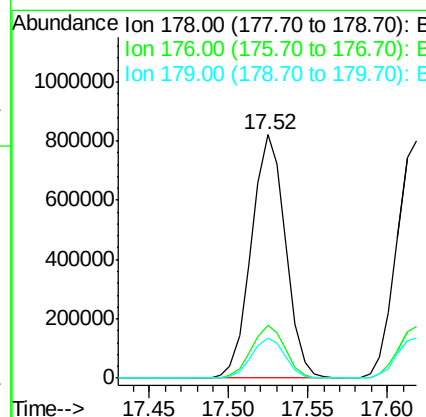
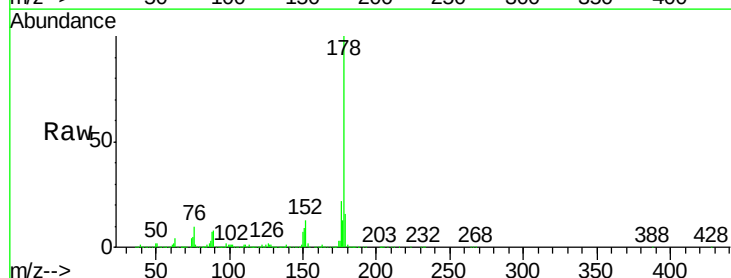
Manual Integrations
 APPROVED

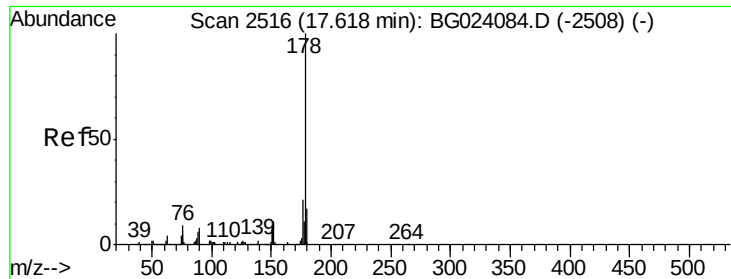
sohil
 9/26/2016 6:40:59 PM



#70
 Phenanthrene
 Concen: 57.70 ng
 RT: 17.52 min Scan# 2500
 Delta R.T. -0.01 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1231763		
176	21.9	16.8	25.2	
179	16.4	14.3	21.5	





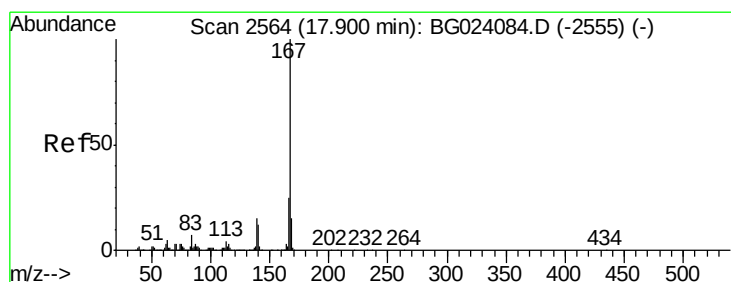
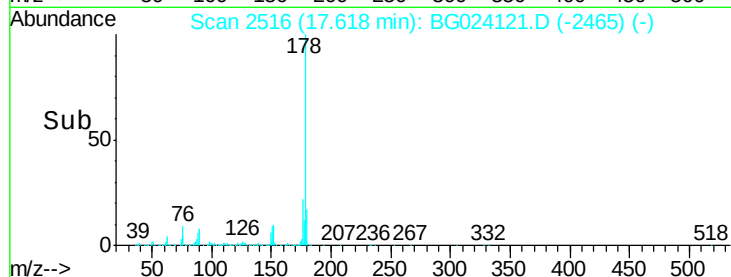
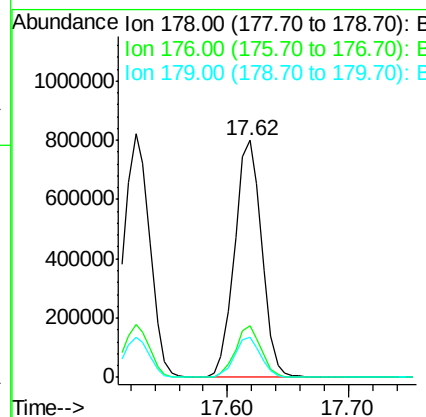
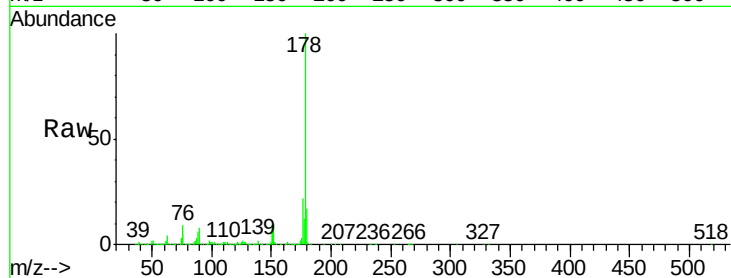
#71
 Anthracene
 Concen: 56.92 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

Tgt Ion:178 Resp: 1248063
 Ion Ratio Lower Upper
 178 100
 176 21.6 17.3 25.9
 179 17.1 14.0 21.0

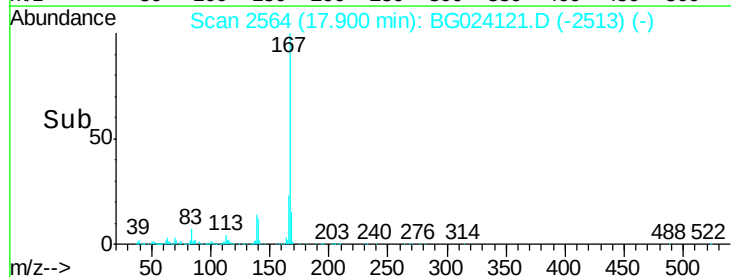
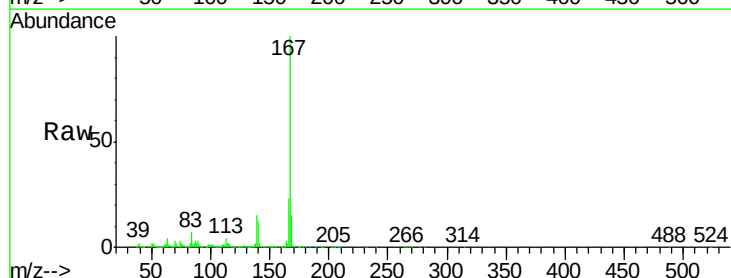
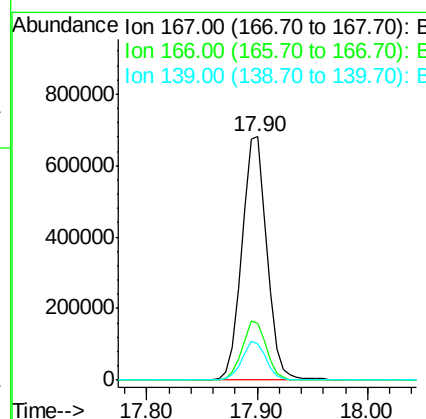
Manual Integrations
 APPROVED

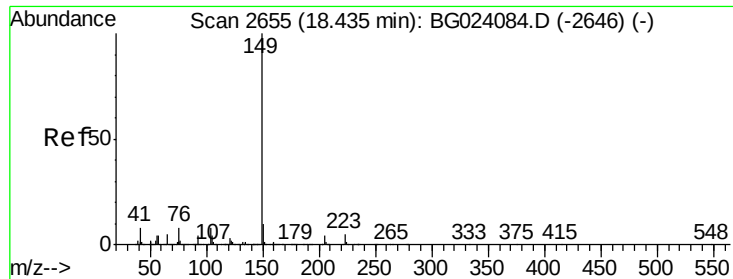
sohil
 9/26/2016 6:40:59 PM



#72
 Carbazole
 Concen: 53.10 ng
 RT: 17.90 min Scan# 2564
 Delta R.T. 0.00 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion:167 Resp: 1083829
 Ion Ratio Lower Upper
 167 100
 166 23.5 20.7 31.1
 139 14.7 11.9 17.9





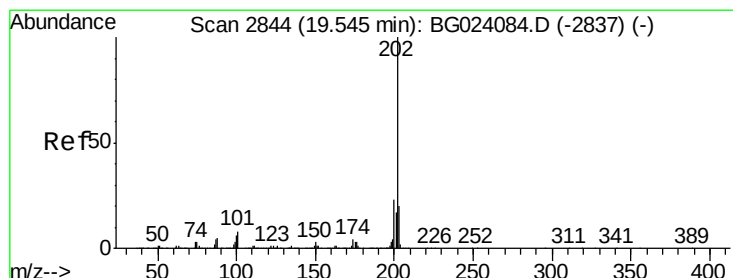
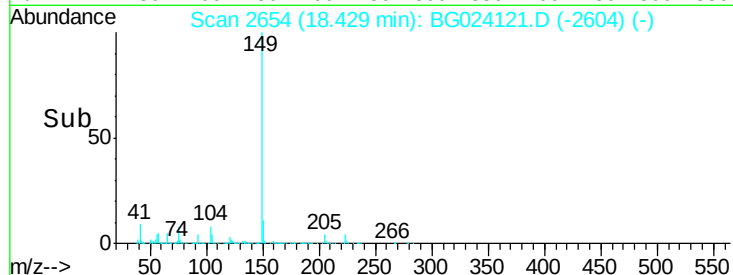
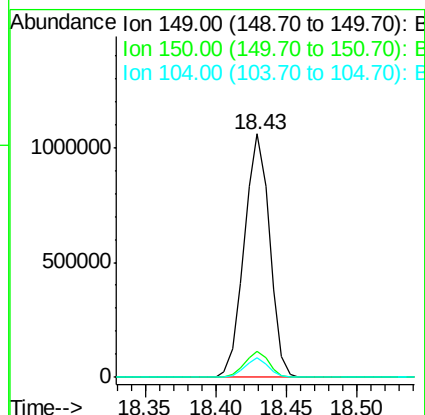
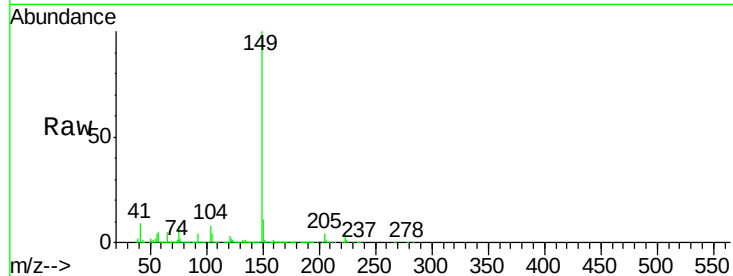
#73
Di-n-butylphthalate
Concen: 49.78 ng
RT: 18.43 min Scan# 2654
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1330169		
150	10.5		9.1	13.7
104	8.3		6.9	10.3

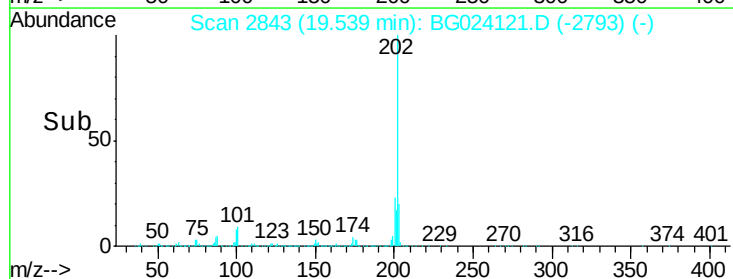
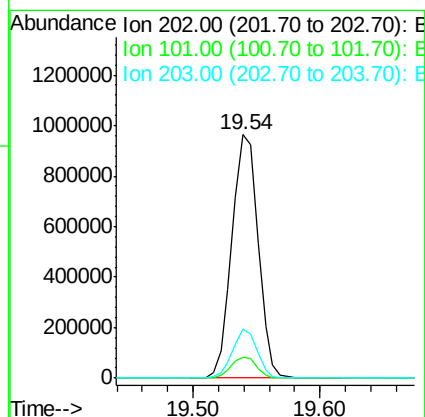
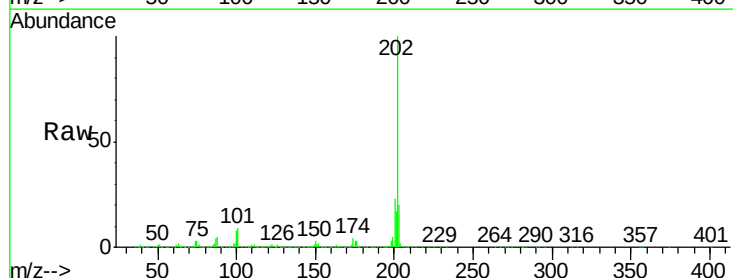
Manual Integrations
APPROVED

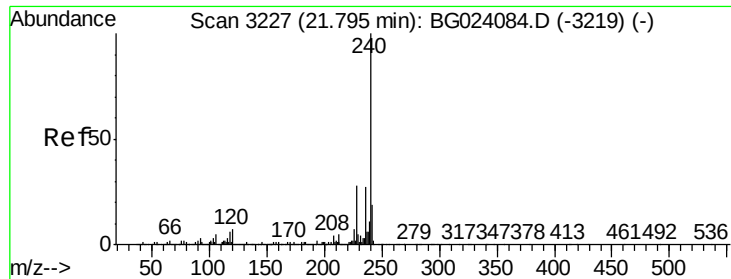
sohil
9/26/2016 6:40:59 PM



#74
Fluoranthene
Concen: 49.37 ng
RT: 19.54 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1375880		
101	8.8		0.0	27.4
203	20.0		1.7	41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

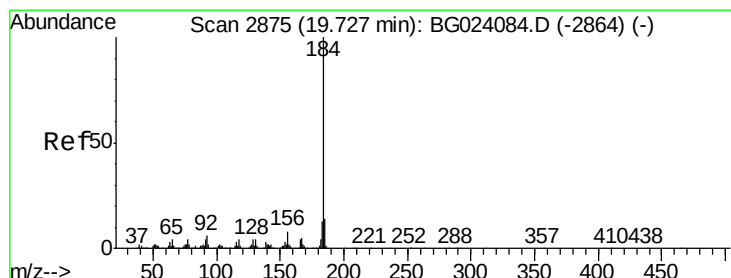
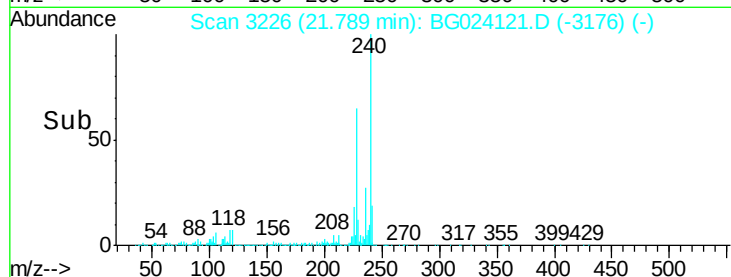
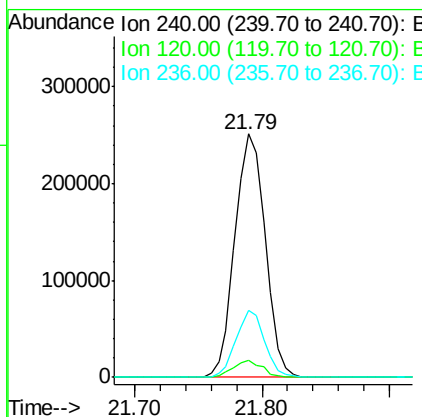
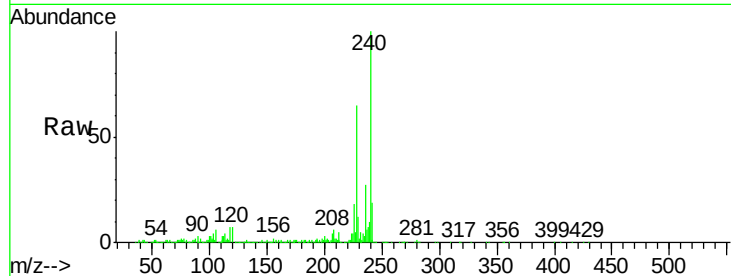
ClientSampleId :

MW-1-092116MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	416538		
120	6.9	4.1	6.1#	
236	27.5	21.1	31.7	

Manual Integrations
APPROVED

sohil
9/26/2016 6:40:59 PM



#76

Benzidine

Concen: 17.20 ng

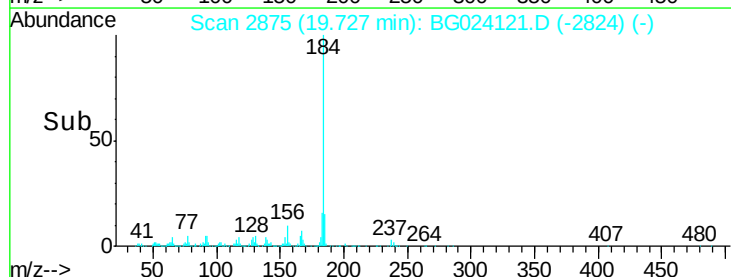
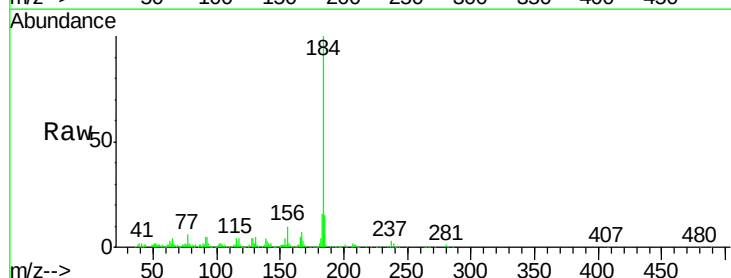
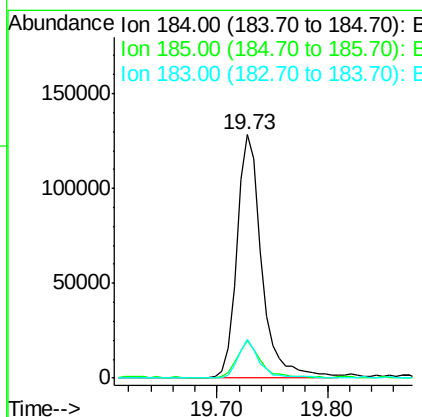
RT: 19.73 min Scan# 2875

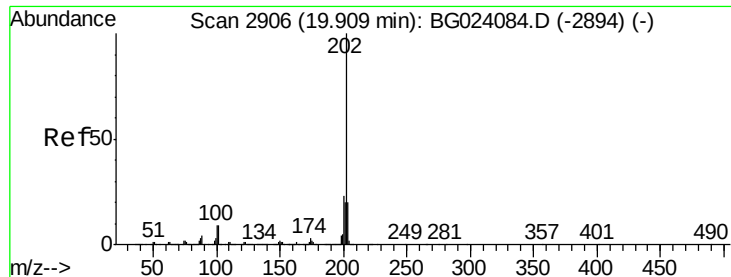
Delta R.T. 0.00 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	202817		
185	15.4	12.6	19.0	
183	16.1	10.7	16.1	





#77

Pyrene

Concen: 47.32 ng

RT: 19.90 min Scan# 2905

Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

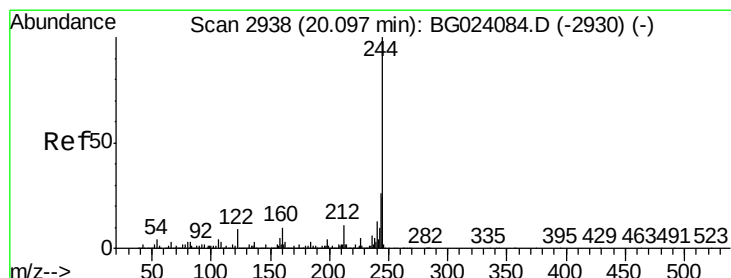
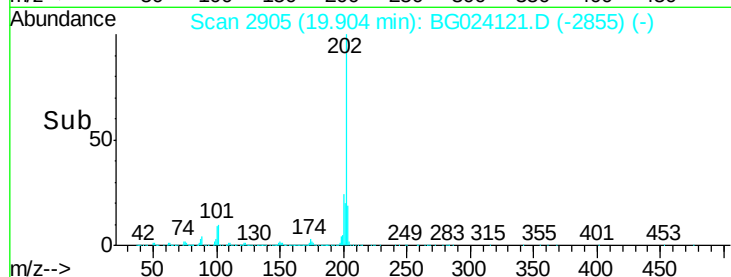
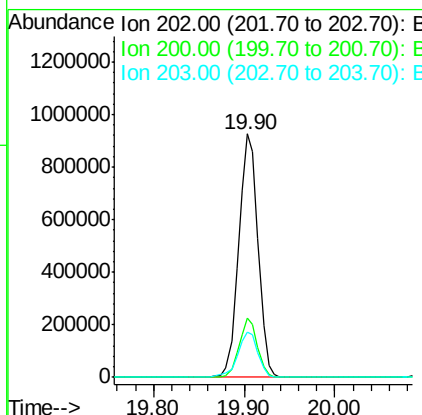
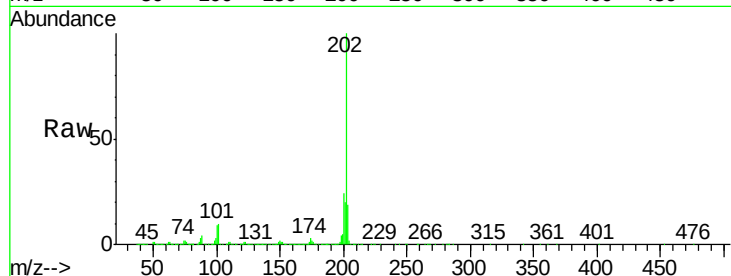
ClientSampleId :

MW-1-092116MSD

Tgt Ion:	202	Resp:	1376249
Ion	Ratio	Lower	Upper
202	100		
200	24.1	21.2	31.8
203	18.6	16.8	25.2

Manual Integrations
APPROVED

sohil
9/26/2016 6:40:59 PM



#78

Terphenyl-d14

Concen: 86.91 ng

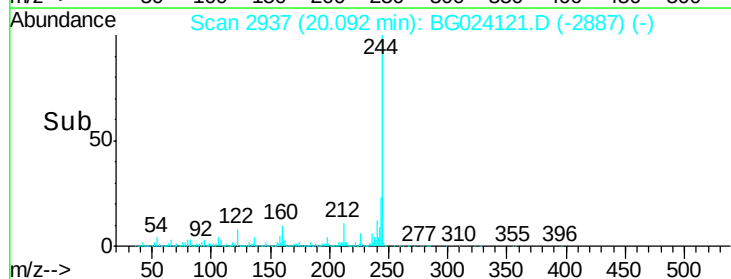
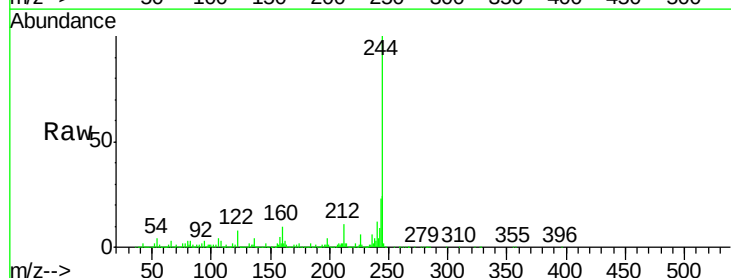
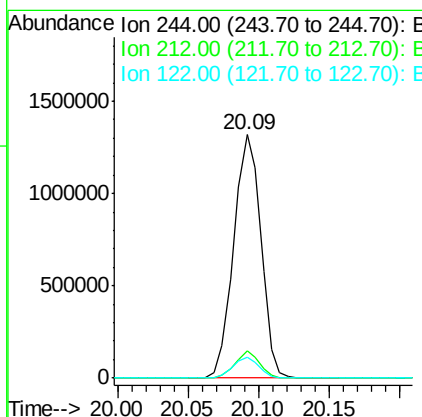
RT: 20.09 min Scan# 2937

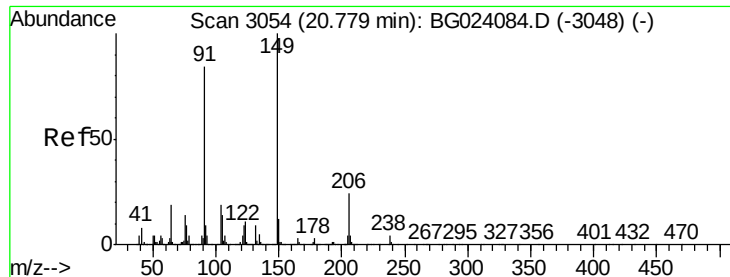
Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Tgt Ion:	244	Resp:	1767904
Ion	Ratio	Lower	Upper
244	100		
212	11.1	10.8	16.2
122	8.4	8.0	12.0





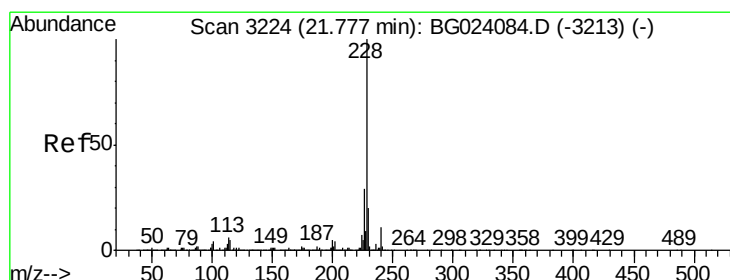
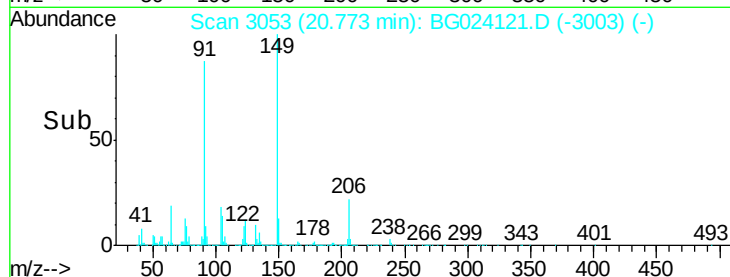
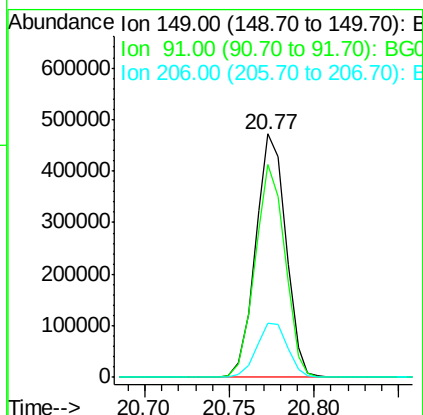
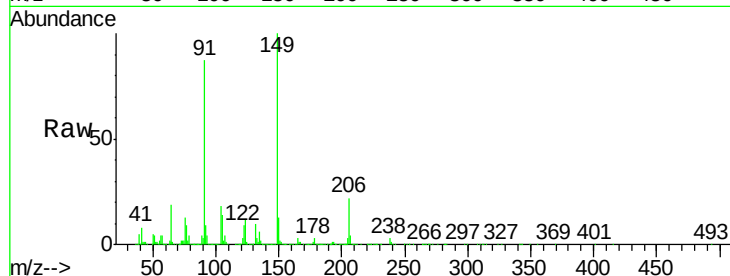
#79
Butylbenzylphthalate
Concen: 54.90 ng
RT: 20.77 min Scan# 3053
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	87.2	68.1	102.1
206	22.3	19.8	29.6

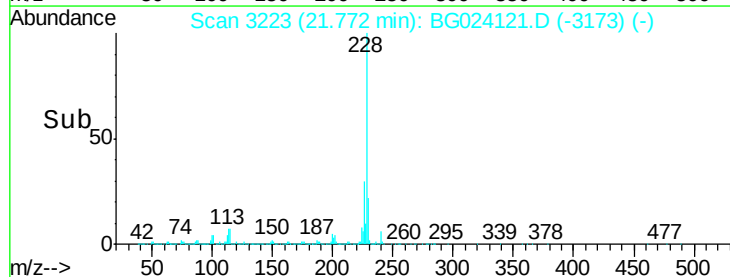
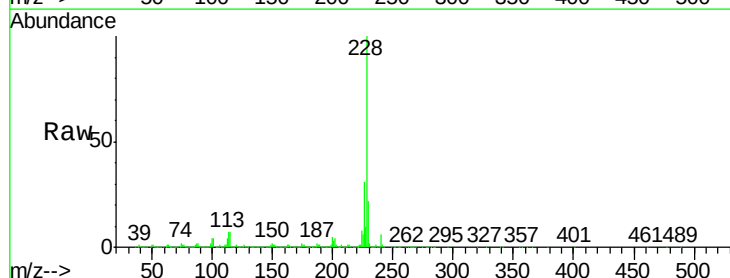
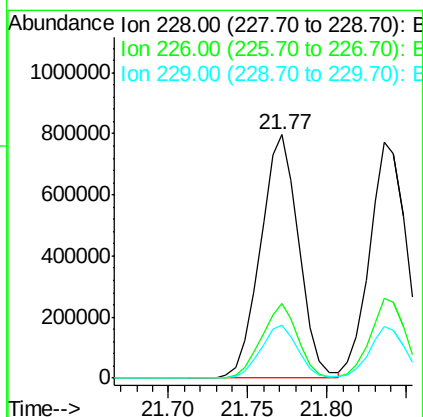
Manual Integrations
APPROVED

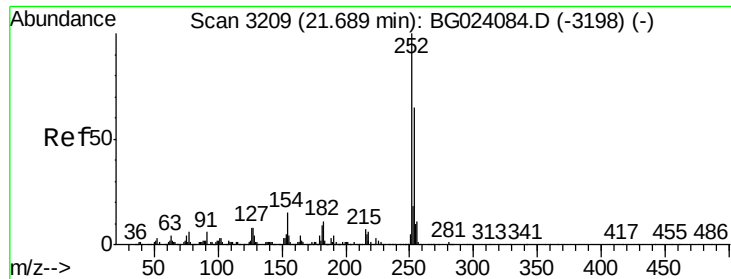
sohil
9/26/2016 6:40:59 PM



#80
Benzo(a)anthracene
Concen: 56.08 ng
RT: 21.77 min Scan# 3223
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.3	37.9
229	21.5	19.9	29.9





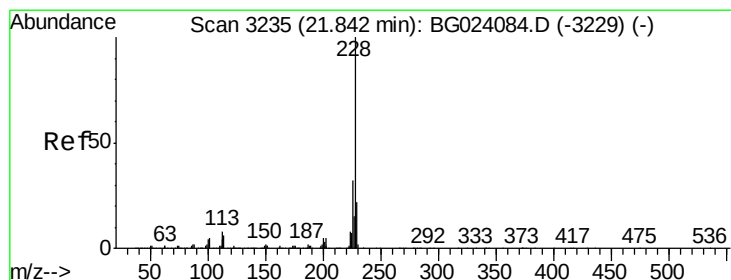
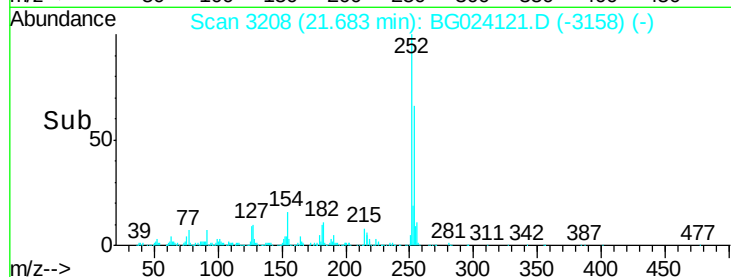
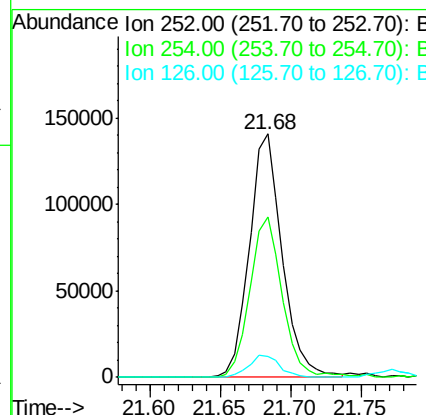
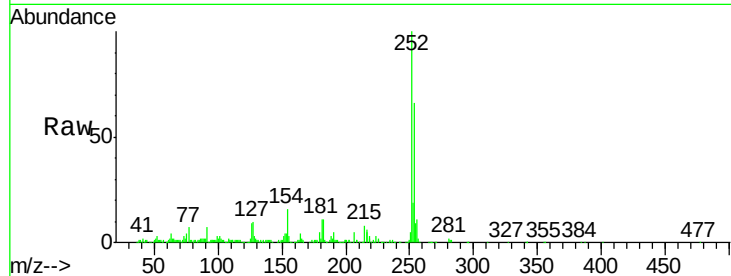
#81
 3,3'-Dichlorobenzidine
 Concen: 27.05 ng
 RT: 21.68 min Scan# 3208
 Delta R.T. -0.01 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	229905		
254	65.7	51.2	76.8	
126	8.7	5.3	7.9	

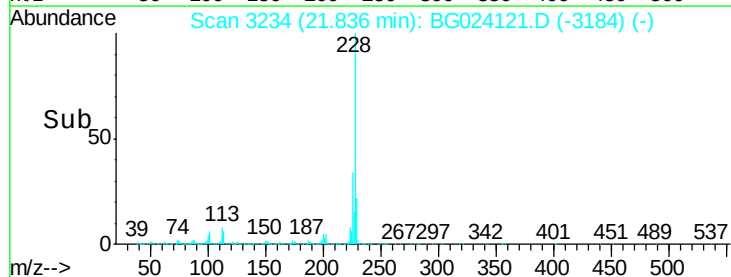
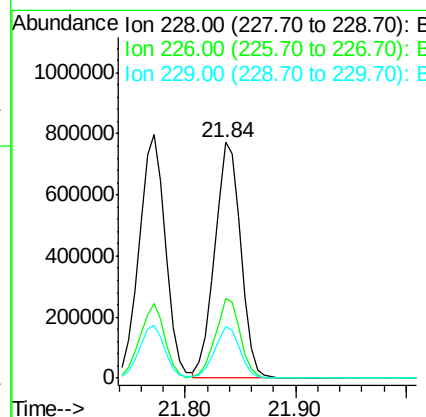
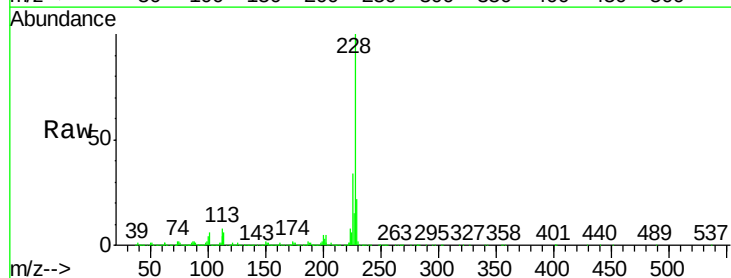
Manual Integrations
 APPROVED

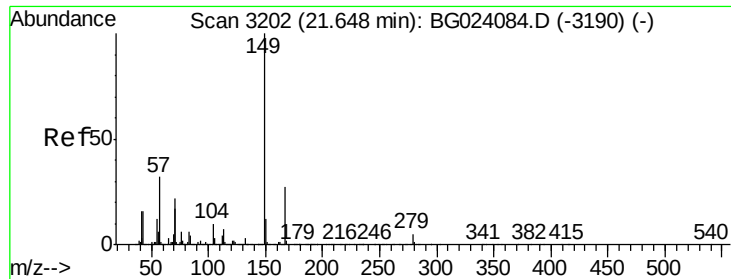
sohil
 9/26/2016 6:40:59 PM



#82
 Chrysene
 Concen: 55.93 ng
 RT: 21.84 min Scan# 3234
 Delta R.T. -0.01 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1246678		
226	33.9	26.7	40.1	
229	22.1	17.4	26.2	





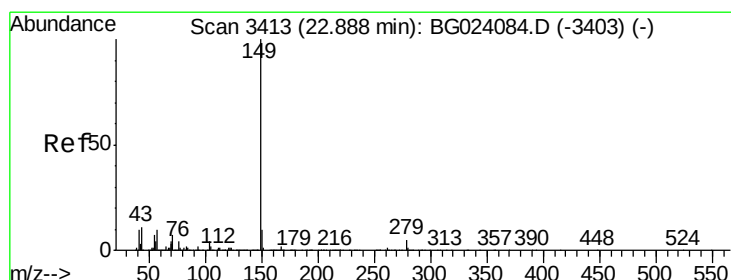
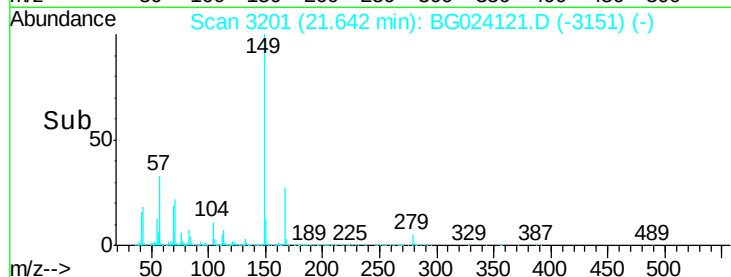
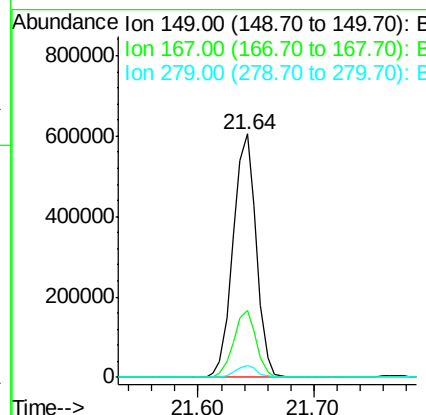
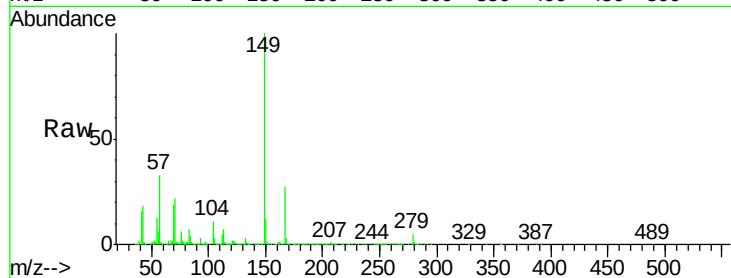
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 65.02 ng
 RT: 21.64 min Scan# 3201
 Delta R.T. -0.01 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	24.0	36.0
279	4.9	4.8	7.2

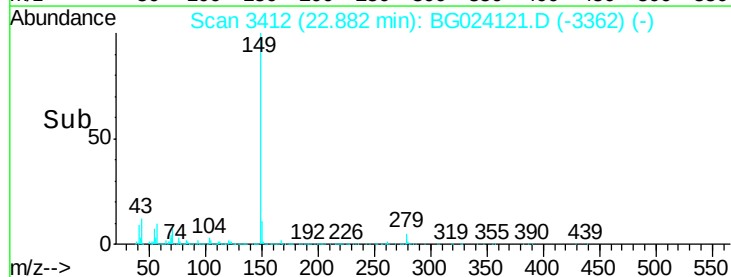
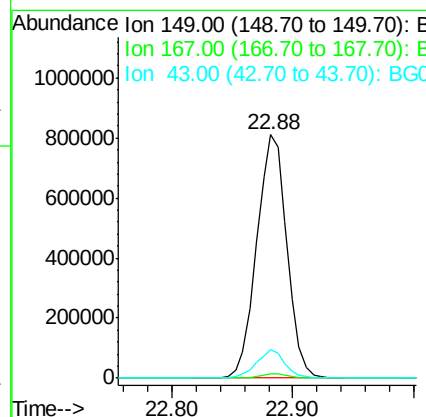
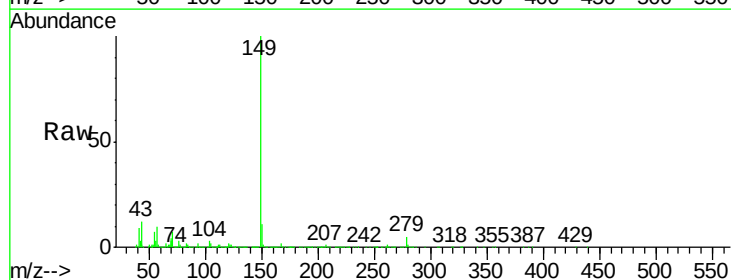
Manual Integrations
 APPROVED

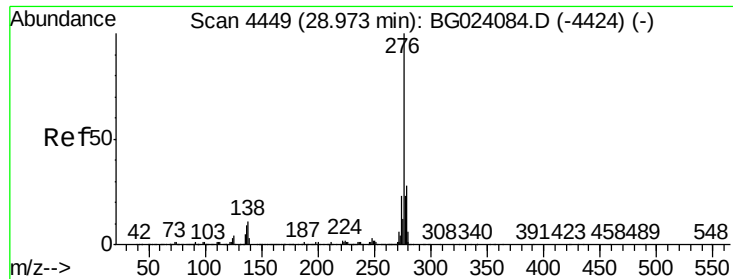
sohil
 9/26/2016 6:40:59 PM



#84
 Di-n-octyl phthalate
 Concen: 63.74 ng
 RT: 22.88 min Scan# 3412
 Delta R.T. -0.01 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.5	2.3
43	10.8	8.8	13.2





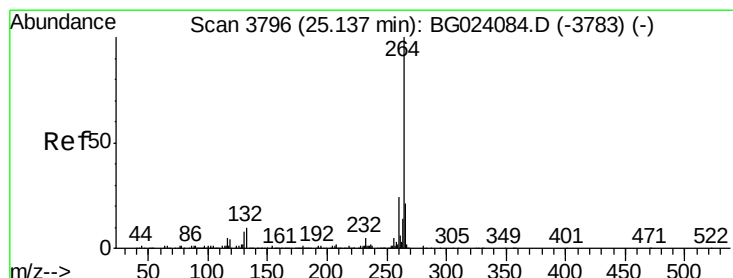
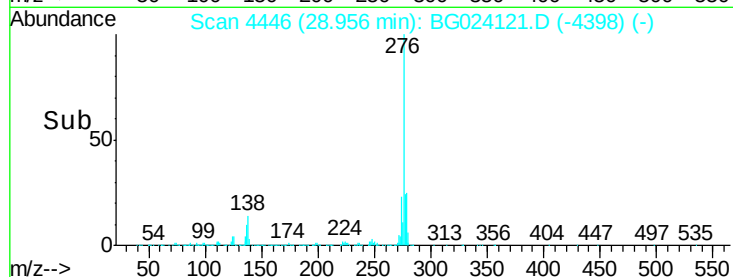
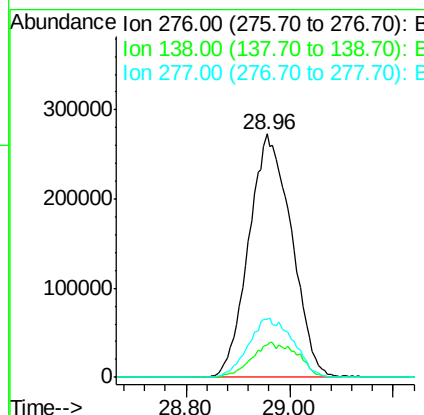
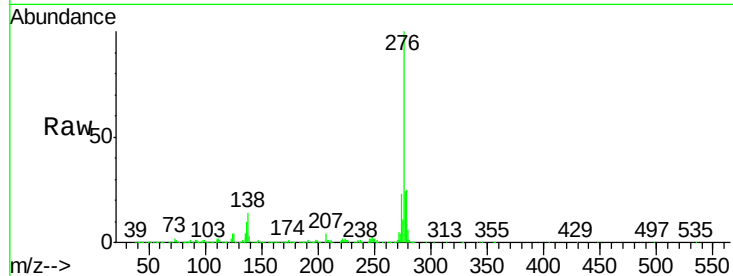
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 62.84 ng
 RT: 28.96 min Scan# 4446
 Delta R.T. -0.02 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	0.0	0.0#
277	25.5	0.0	0.0#

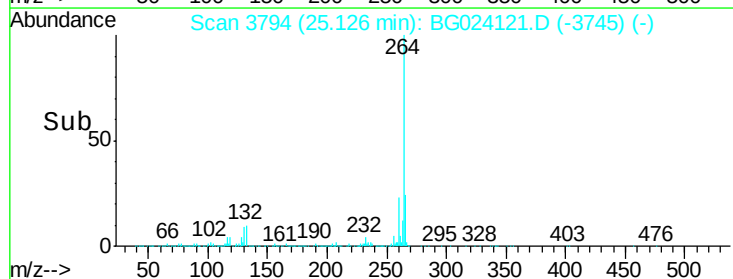
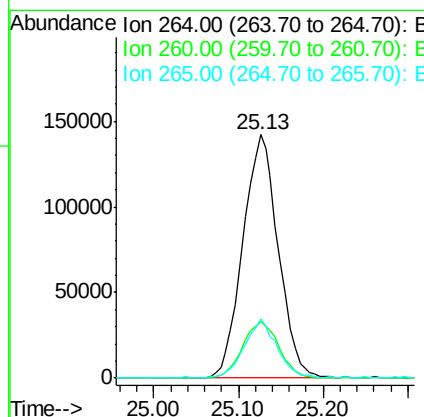
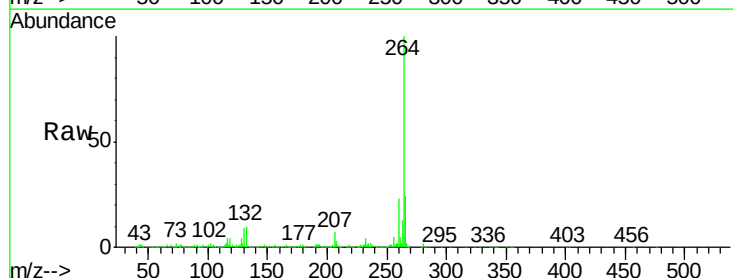
Manual Integrations
 APPROVED

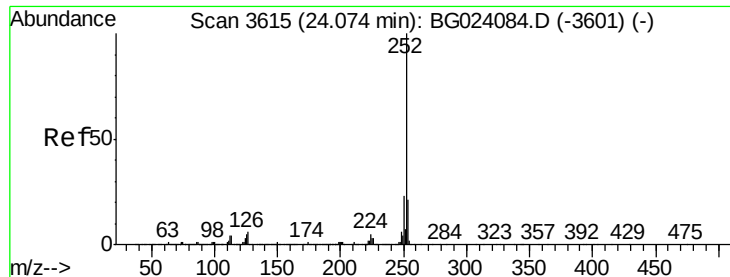
sohil
 9/26/2016 6:40:59 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.13 min Scan# 3794
 Delta R.T. -0.01 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	24.5	18.9	28.3





#87

Benzo(b)fluoranthene

Concen: 58.08 ng

RT: 24.06 min Scan# 3613

Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Instrument :

BNA_G

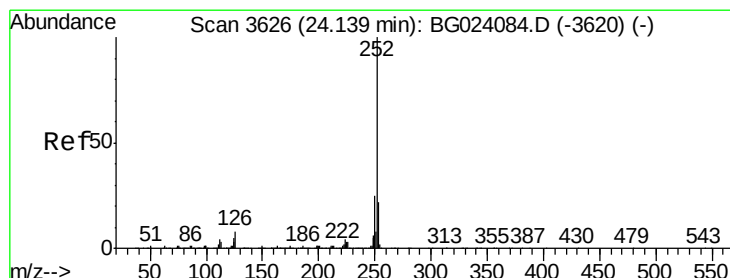
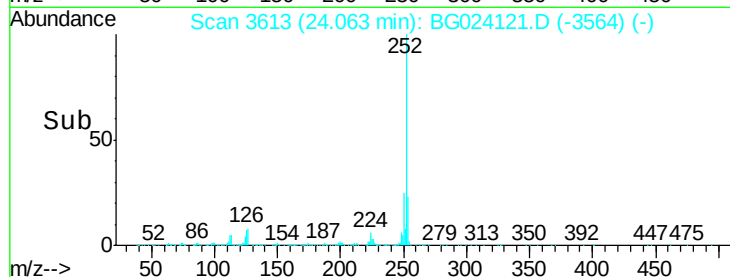
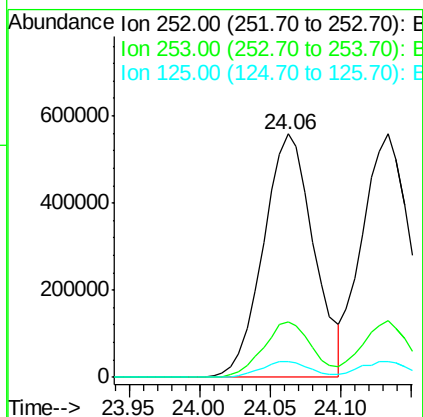
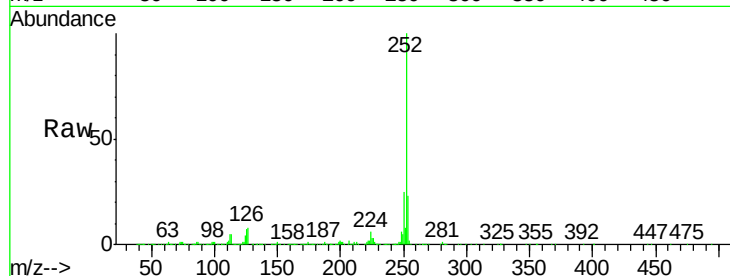
ClientSampleId :

MW-1-092116MSD

Tgt Ion:	252	Resp:	1392212
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.9	28.3
125	6.6	3.9	5.9#

Manual Integrations
APPROVED

sohil
9/26/2016 6:40:59 PM



#88

Benzo(k)fluoranthene

Concen: 55.12 ng

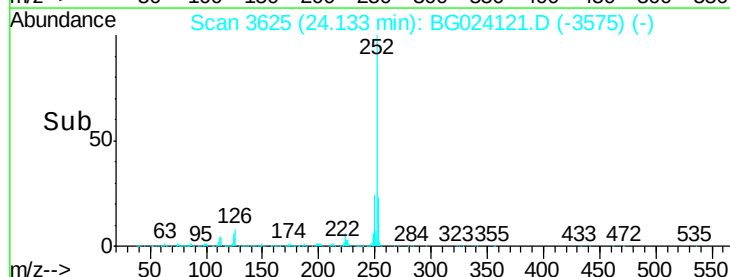
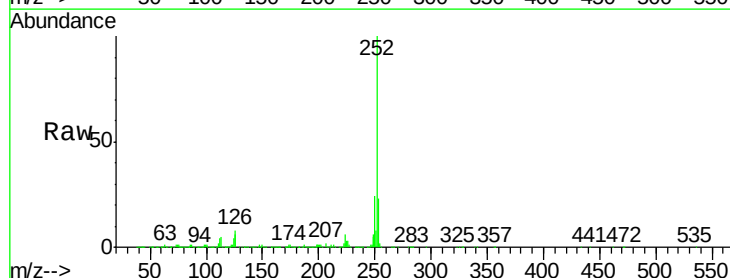
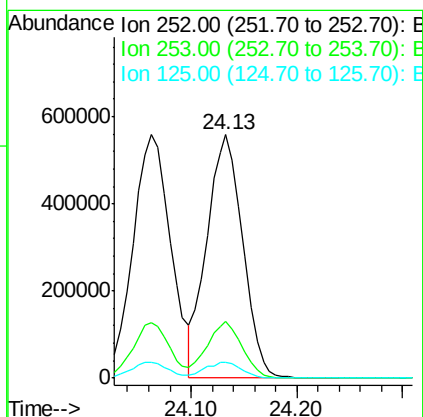
RT: 24.13 min Scan# 3625

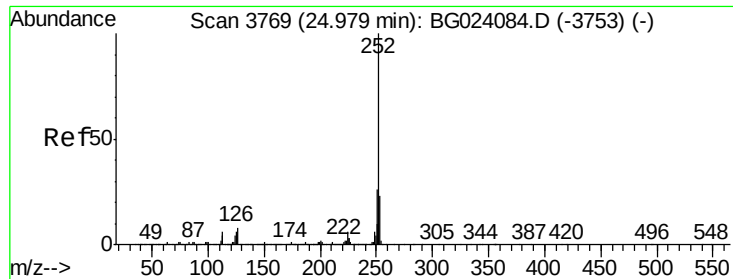
Delta R.T. -0.01 min

Lab File: BG024121.D

Acq: 24 Sep 2016 12:39

Tgt Ion:	252	Resp:	1312327
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.8	28.2
125	6.4	3.2	4.8#





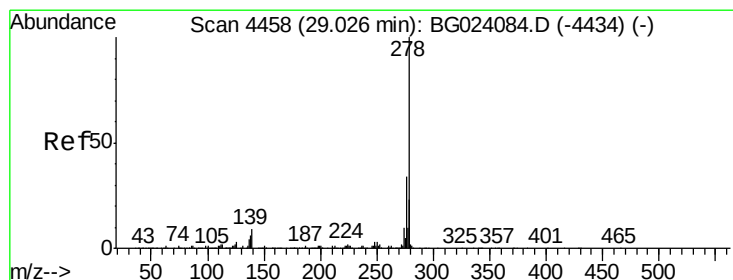
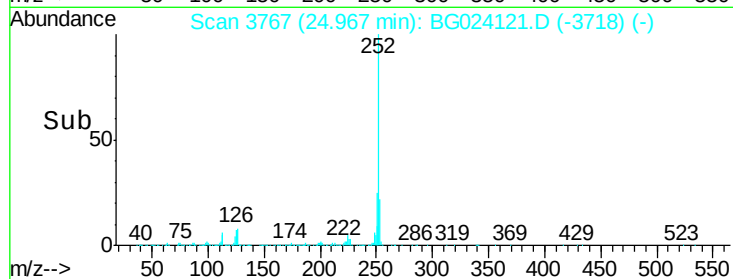
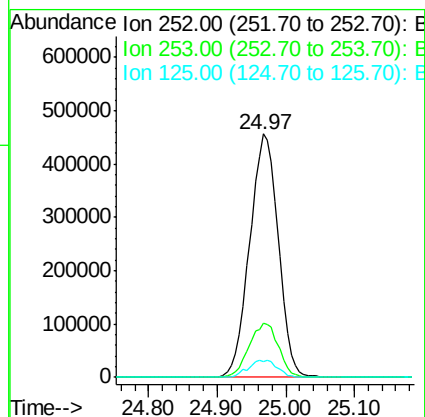
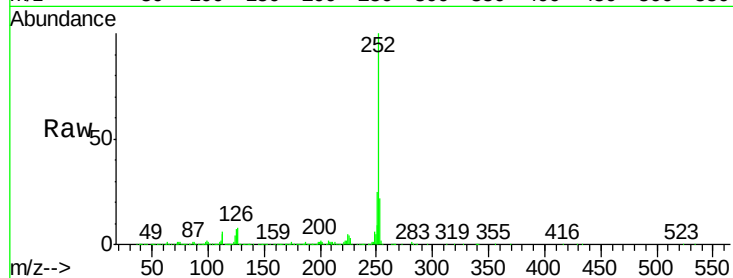
#89
Benzo(a)pyrene
Concen: 57.09 ng
RT: 24.97 min Scan# 3767
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Instrument :
BNA_G
ClientSampleId :
MW-1-092116MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.7	28.1
125	6.7	3.9	5.9

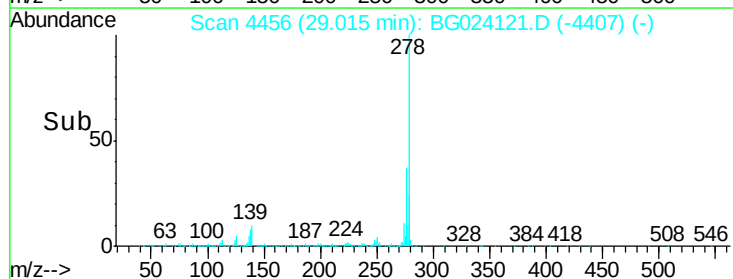
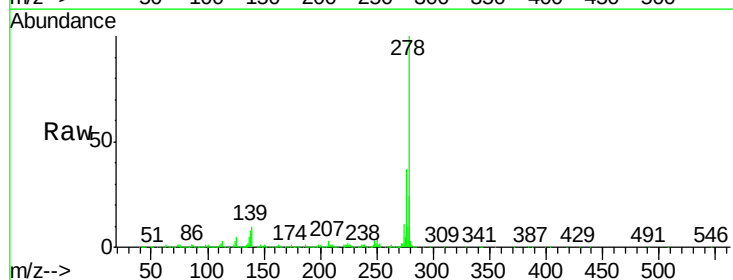
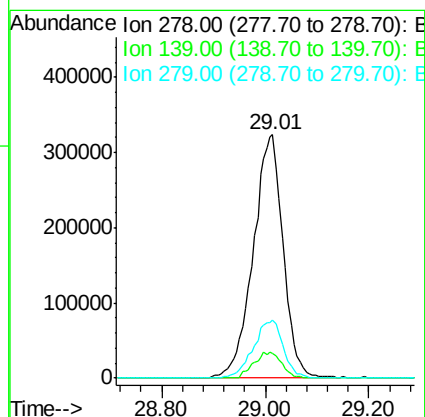
Manual Integrations
APPROVED

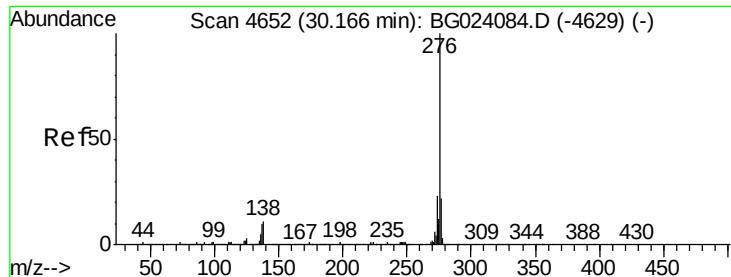
sohil
9/26/2016 6:40:59 PM



#90
Dibenzo(a,h)anthracene
Concen: 56.12 ng
RT: 29.01 min Scan# 4456
Delta R.T. -0.01 min
Lab File: BG024121.D
Acq: 24 Sep 2016 12:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.2	4.7	7.1
279	24.0	18.3	27.5





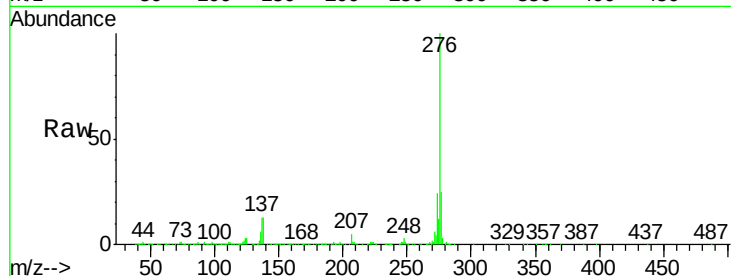
#91
 Benzo(g,h,i)perylene
 Concen: 55.45 ng
 RT: 30.16 min Scan# 4651
 Delta R.T. -0.01 min
 Lab File: BG024121.D
 Acq: 24 Sep 2016 12:39

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-092116MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.6	27.8
138	12.6	6.8	10.2

Manual Integrations
 APPROVED

sohil
 9/26/2016 6:40:59 PM

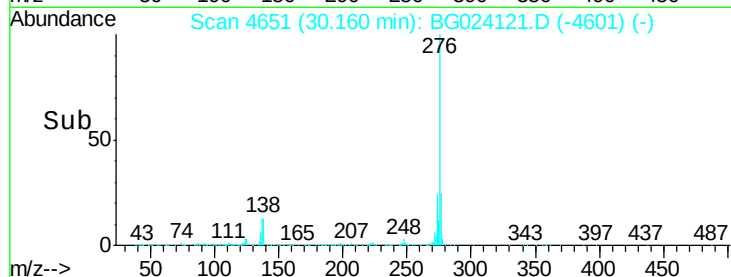
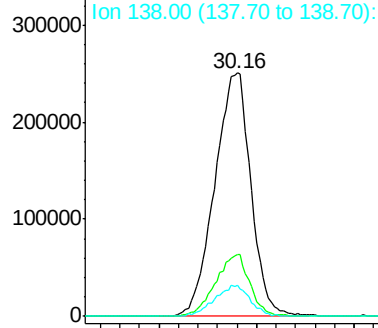


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->