

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
 Data File : BG025441.D
 Acq On : 9 Jan 2017 22:08
 Operator : UM/SJ
 Sample : I1073-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMS

Manual Integrations
 APPROVED

Sohil
 1/10/2017 9:59:48 AM

Quant Time: Jan 10 00:25:40 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	57952	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	237943	20.00	ng	-0.01
38) Acenaphthene-d10	14.83	164	191872	20.00	ng	-0.01
63) Phenanthrene-d10	17.57	188	457715	20.00	ng	-0.01
75) Chrysene-d12	21.86	240	637199	20.00	ng	-0.02
86) Perylene-d12	25.26	264	427810	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	462219	144.98	ng	-0.01
7) Phenol-d6	7.36	99	616578	137.32	ng	-0.01
23) Nitrobenzene-d5	9.38	82	503493	93.48	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	433895	140.46	ng	-0.01
44) 2-Fluorobiphenyl	13.45	172	1093395	92.26	ng	-0.01
78) Terphenyl-d14	20.15	244	2175996	90.54	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	49194	36.16	ng	# 55
3) Pyridine	4.01	79	157089	39.84	ng	93
4) n-Nitrosodimethylamine	3.91	42	107278	45.83	ng	99
6) Aniline	7.54	93	25480	4.19	ng	92
8) 2-Chlorophenol	7.76	128	158178	43.98	ng	97
9) Benzaldehyde	7.36	77	13408	4.08	ng	# 76
10) Phenol	7.38	94	201749	40.53	ng	96
11) bis(2-Chloroethyl)ether	7.61	93	159084	41.48	ng	90
12) 1,3-Dichlorobenzene	8.08	146	179943	41.34	ng	92
13) 1,4-Dichlorobenzene	8.23	146	185818	41.20	ng	97
14) 1,2-Dichlorobenzene	8.55	146	178973	41.58	ng	95
15) Benzyl Alcohol	8.45	79	138300	32.26	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.72	45	293504	41.32	ng	97
17) 2-Methylphenol	8.65	107	141813	43.38	ng	91
18) Hexachloroethane	9.28	117	74257	42.87	ng	87
19) n-Nitroso-di-n-propylamine	9.01	70	167563	44.18	ng	95
20) 3+4-Methylphenols	8.98	107	202602	44.78	ng	98
22) Acetophenone	9.04	105	274800	41.57	ng	# 94
24) Nitrobenzene	9.43	77	240582	40.72	ng	96
25) Isophorone	9.94	82	442462	45.37	ng	99
26) 2-Nitrophenol	10.14	139	90871	40.22	ng	95
27) 2,4-Dimethylphenol	10.19	122	169992	45.76	ng	95
28) bis(2-Chloroethoxy)methane	10.42	93	213512	42.16	ng	# 96
29) 2,4-Dichlorophenol	10.69	162	192613	48.45	ng	96
30) 1,2,4-Trichlorobenzene	10.88	180	199336	41.51	ng	94
31) Naphthalene	11.08	128	497580	41.88	ng	98
32) Benzoic acid	10.34	122	92432	30.94	ng	88
34) Hexachlorobutadiene	11.34	225	159220	40.62	ng	95
35) Caprolactam	11.98	113	62356m	41.75	ng	
36) 4-Chloro-3-methylphenol	12.31	107	223677	45.59	ng	99
37) 2-Methylnaphthalene	12.67	142	389571	44.24	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	276299	43.62	ng	96
40) Hexachlorocyclopentadiene	12.99	237	250652	105.31	ng	91
42) 2,4,6-Trichlorophenol	13.27	196	166651	41.78	ng	92

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
 Data File : BG025441.D
 Acq On : 9 Jan 2017 22:08
 Operator : UM/SJ
 Sample : I1073-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMS

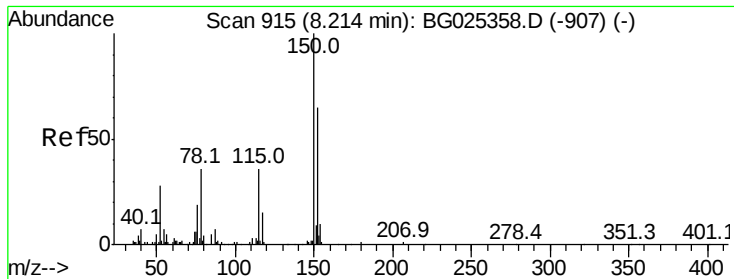
Manual Integrations
 APPROVED

Sohil
 1/10/2017 9:59:48 AM

Quant Time: Jan 10 00:25:40 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.37	196	186947	44.78	nq	90
45) 1,1'-Biphenyl	13.66	154	552689	42.83	nq	93
46) 2-Chloronaphthalene	13.71	162	440894	43.73	nq	98
47) 2-Nitroaniline	13.93	65	165024	38.78	nq	97
48) Acenaphthylene	14.55	152	667782	42.73	nq	99
49) Dimethylphthalate	14.27	163	642677	45.95	nq	96
50) 2,6-Dinitrotoluene	14.41	165	133420	43.66	nq	98
51) Acenaphthene	14.89	154	433306	42.39	nq	99
52) 3-Nitroaniline	14.76	138	7181	2.44	nq #	96
53) 2,4-Dinitrophenol	14.97	184	176284	87.47	nq #	89
54) Dibenzofuran	15.22	168	741870	45.91	nq	97
55) 4-Nitrophenol	15.07	139	181604	82.77	nq #	84
56) 2,4-Dinitrotoluene	15.20	165	198533	44.62	nq #	88
57) Fluorene	15.87	166	593350	43.86	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.46	232	195996	43.82	nq	95
59) Diethylphthalate	15.62	149	646645	44.08	nq	96
60) 4-Chlorophenyl-phenylether	15.85	204	337004	43.96	nq	95
61) 4-Nitroaniline	15.92	138	53992	18.26	nq	88
62) Azobenzene	16.14	77	672369	47.53	nq	99
64) 4,6-Dinitro-2-methylphenol	15.97	198	132704	41.86	nq	80
65) n-Nitrosodiphenylamine	16.07	169	198024	16.01	nq	97
66) 4-Bromophenyl-phenylether	16.74	248	251652	44.56	nq	98
67) Hexachlorobenzene	16.87	284	272373	42.03	nq	90
68) Atrazine	17.01	200	48521	8.95	nq	97
69) Pentachlorophenol	17.23	266	297410	88.53	nq	98
70) Phenanthrene	17.61	178	1042689	44.21	nq	97
71) Anthracene	17.71	178	1066096	44.48	nq	99
72) Carbazole	17.98	167	364626	17.01	nq #	96
73) Di-n-butylphthalate	18.50	149	1154133	43.76	nq	97
74) Fluoranthene	19.61	202	1389464	44.60	nq	95
77) Pyrene	19.98	202	1420193	42.65	nq	96
79) Butylbenzylphthalate	20.82	149	590601	44.17	nq	95
80) Benzo(a)anthracene	21.84	228	1540274	43.34	nq	97
82) Chrysene	21.91	228	1425078	41.81	nq	97
83) Bis(2-ethylhexyl)phthalate	21.69	149	821987	44.17	nq	98
84) Di-n-octyl phthalate	22.94	149	1414747	45.79	nq	97
85) Indeno(1,2,3-cd)pyrene	29.19	276	1682102	38.82	nq	100
87) Benzo(b)fluoranthene	24.17	252	1608648	68.92	nq #	99
88) Benzo(k)fluoranthene	24.24	252	1525369	67.67	nq #	97
89) Benzo(a)pyrene	25.10	252	1299772	57.66	nq	96
90) Dibenzo(a,h)anthracene	29.23	278	1587962	66.46	nq	98
91) Benzo(g,h,i)perylene	30.42	276	1251451	52.71	nq	98

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



#1

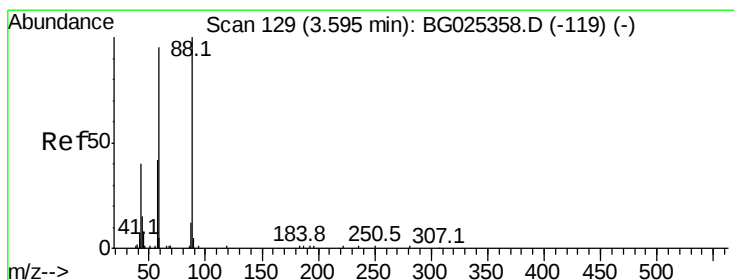
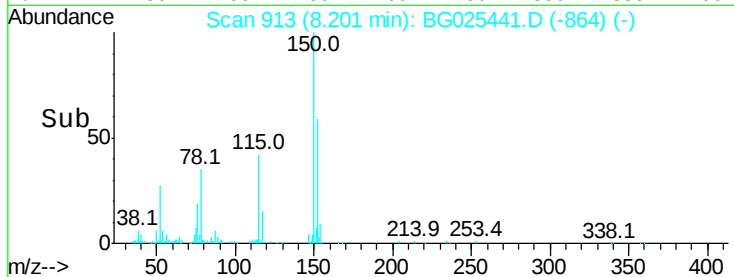
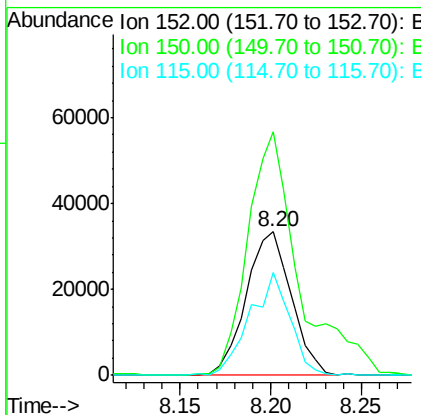
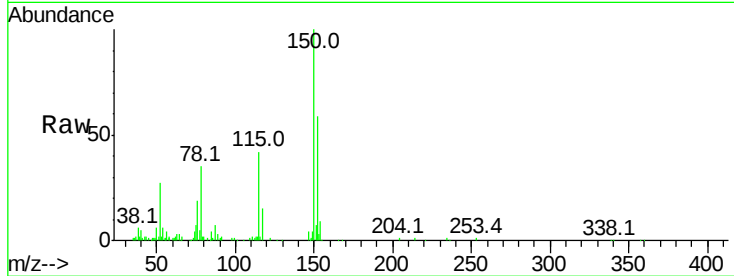
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	169.9	114.0	171.0
115	71.5	48.1	72.1

Manual Integrations
APPROVED

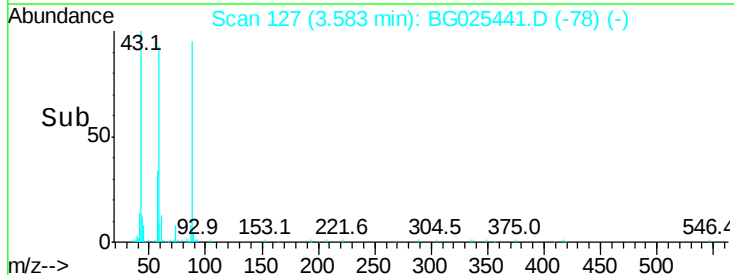
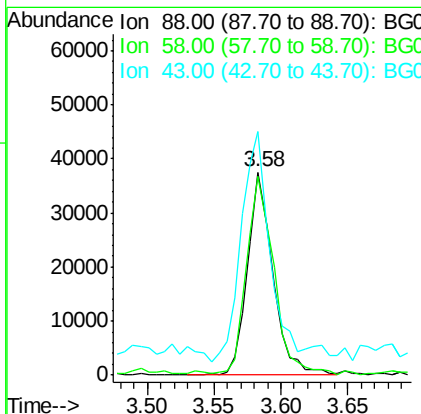
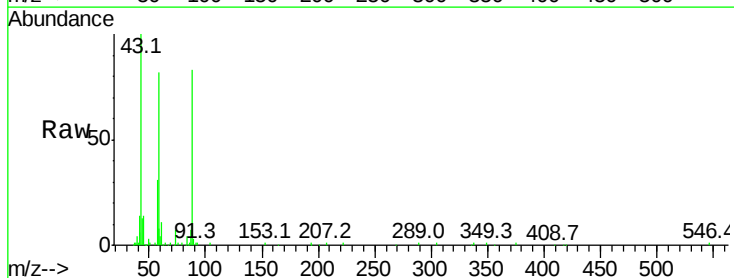
Sohil
1/10/2017 9:59:48 AM

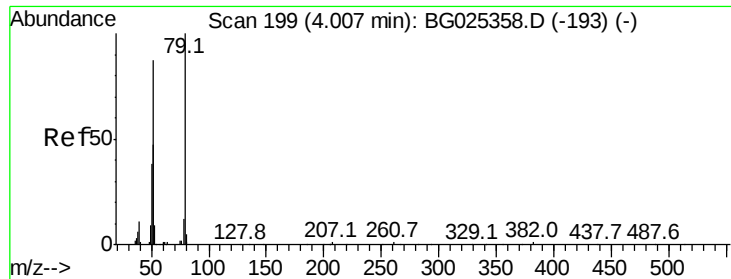


#2

1,4-Dioxane
Concen: 36.16 ng
RT: 3.58 min Scan# 127
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	105.4	79.4	119.2
43	128.1	33.8	50.6#





#3

Pvridine

Concen: 39.84 ng

RT: 4.01 min Scan# 199

Delta R.T. -0.00 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

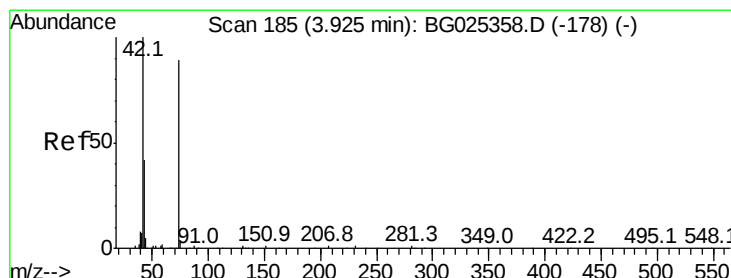
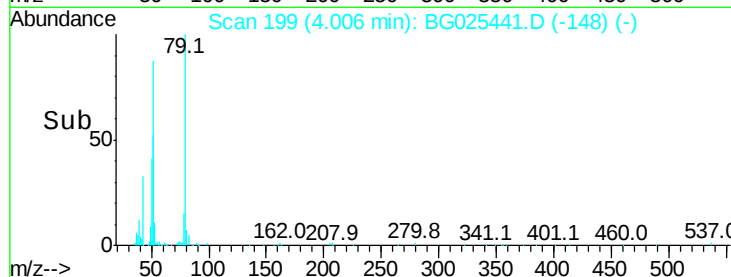
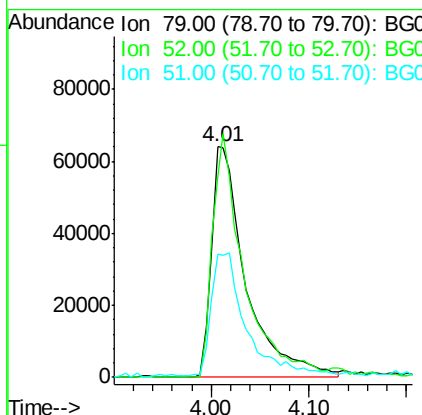
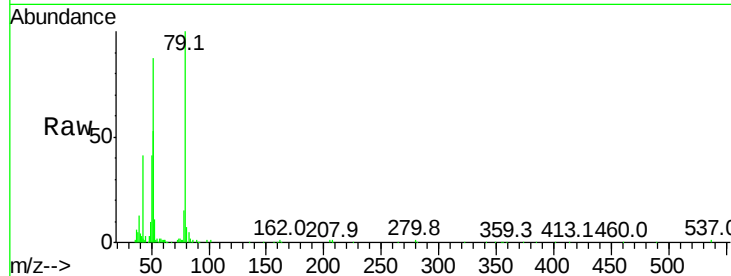
ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

Tot Ion:	79	Resp:	157089
Ion	Ratio	Lower	Upper
79	100		
52	87.2	77.8	116.6
51	53.3	43.2	64.8

Manual Integrations
APPROVED

Sohil
1/10/2017 9:59:48 AM



#4

n-Nitrosodimethylamine

Concen: 45.83 ng

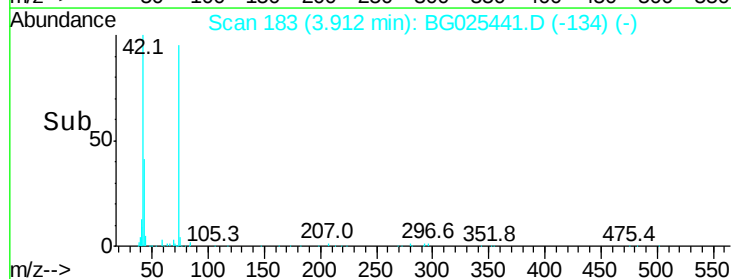
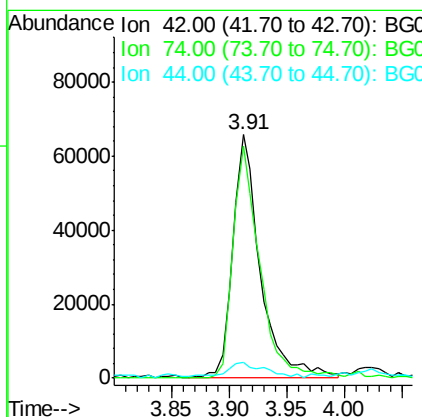
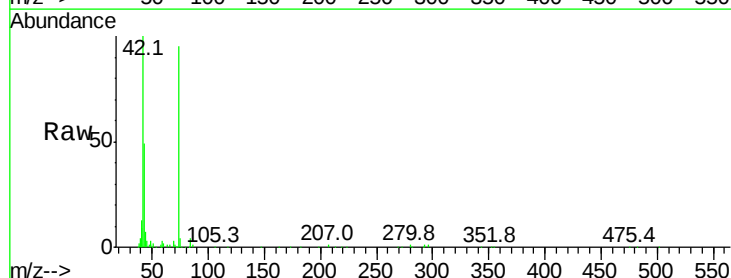
RT: 3.91 min Scan# 183

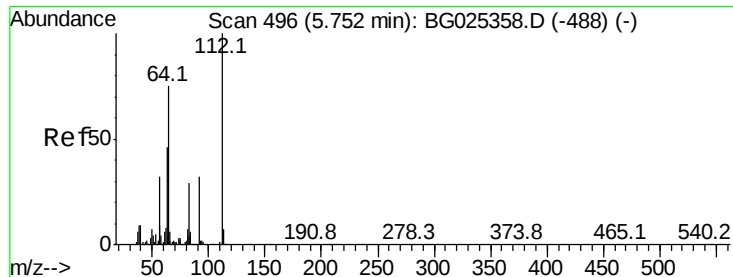
Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Tgt Ion:	42	Resp:	107278
Ion	Ratio	Lower	Upper
42	100		
74	95.3	76.7	115.1
44	6.7	6.1	9.1





#5

2-Fluorophenol

Concen: 144.98 ng

RT: 5.74 min Scan# 494

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

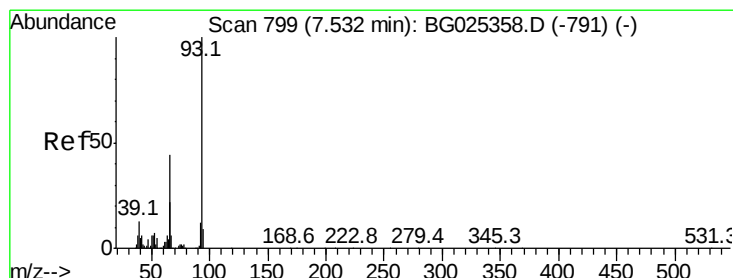
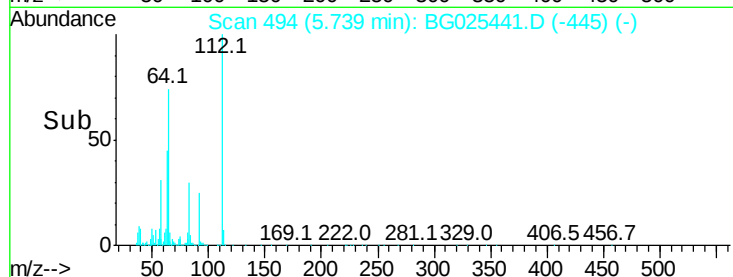
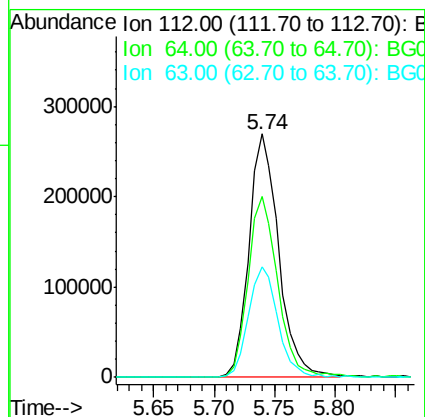
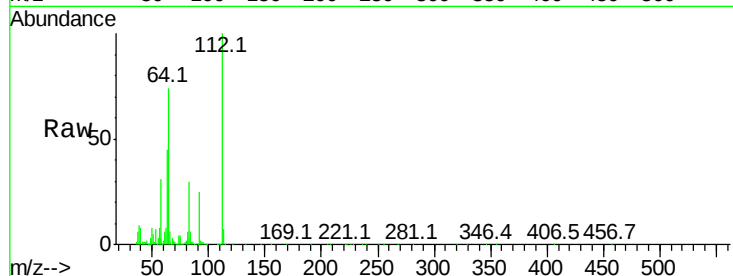
ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

Tot Ion:	112	Resp:	462219
Ion Ratio	Lower	Upper	
112	100		
64	74.2	61.8	92.6
63	45.2	37.2	55.8

Manual Integrations
APPROVED

Sohil
1/10/2017 9:59:48 AM



#6

Aniline

Concen: 4.19 ng

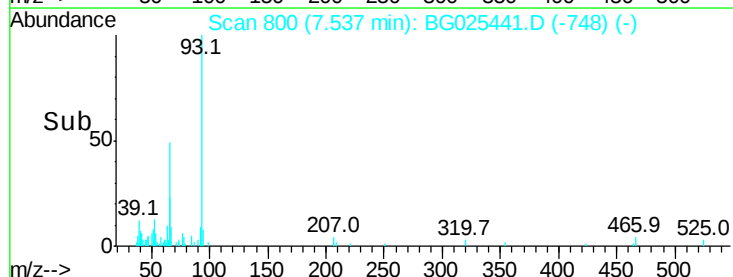
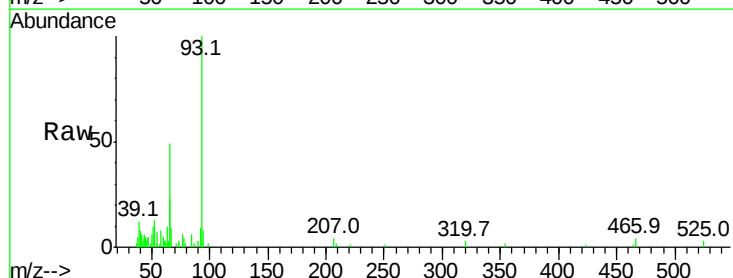
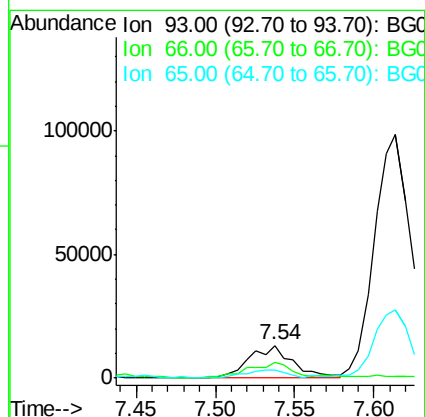
RT: 7.54 min Scan# 800

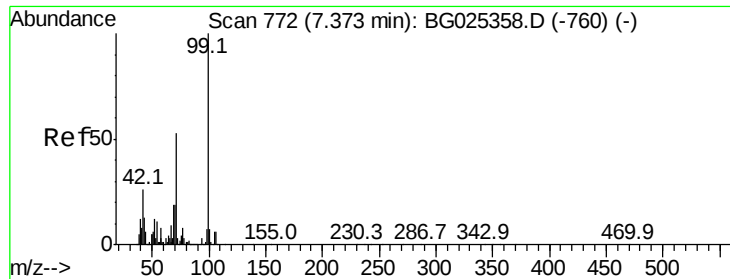
Delta R.T. 0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Tgt Ion:	93	Resp:	25480
Ion Ratio	Lower	Upper	
93	100		
66	49.3	35.4	53.2
65	22.6	21.2	31.8





#7

Phenol-d6

Concen: 137.32 ng

RT: 7.36 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

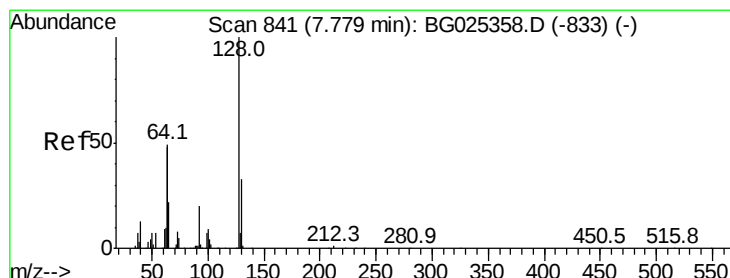
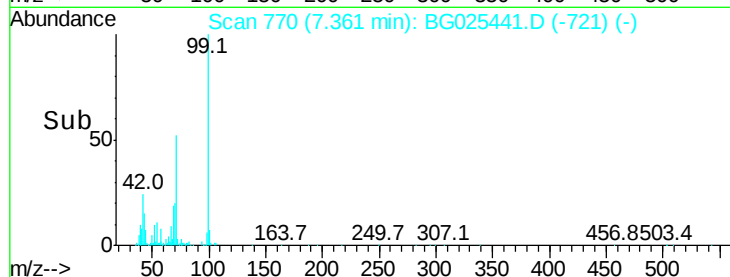
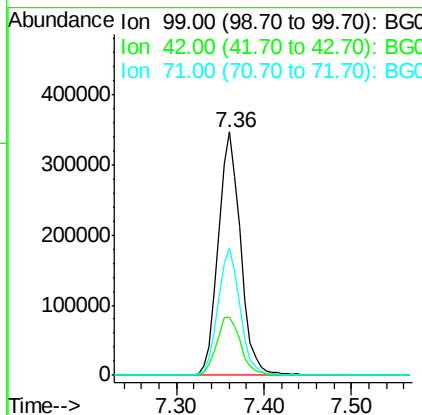
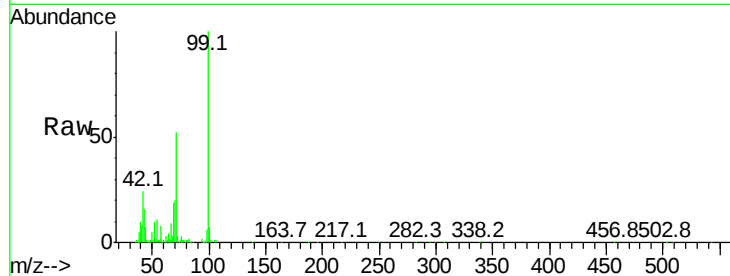
ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		616578		
42	23.8	20.5	30.7		
71	52.1	37.6	56.4		

Manual Integrations
APPROVED

Sohil
1/10/2017 9:59:48 AM



#8

2-Chlorophenol

Concen: 43.98 ng

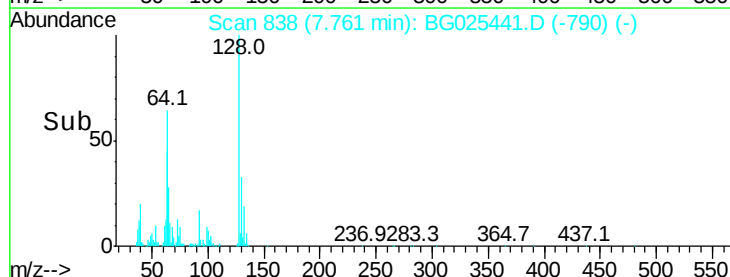
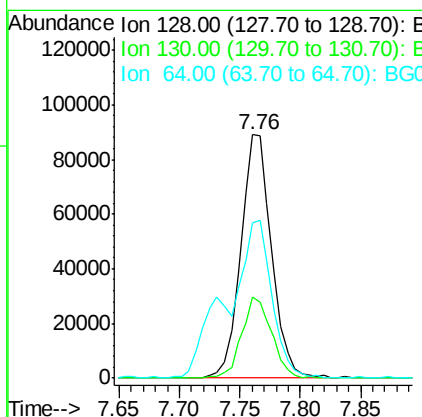
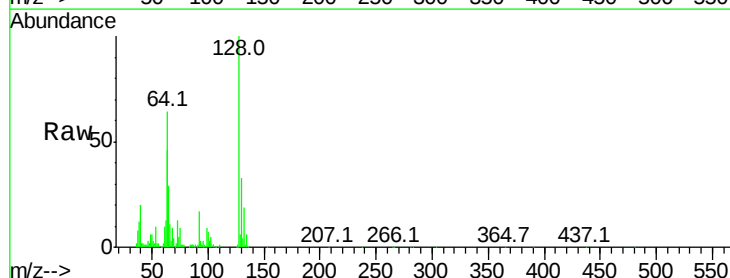
RT: 7.76 min Scan# 838

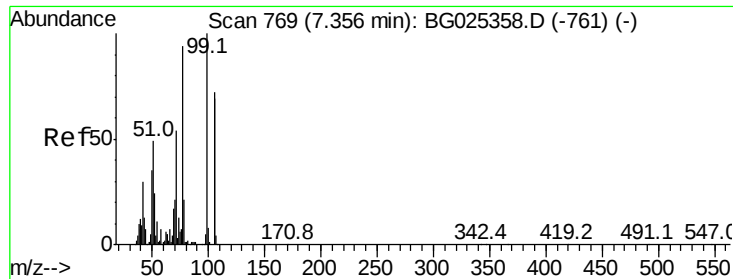
Delta R.T. -0.02 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		158178		
130	33.1	11.4	51.4		
64	64.0	46.6	86.6		





#9

Benzaldehyde

Concen: 4.08 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

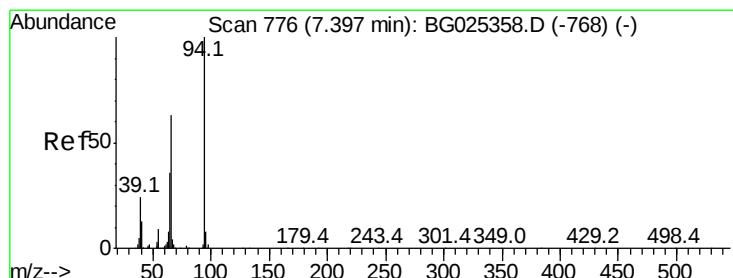
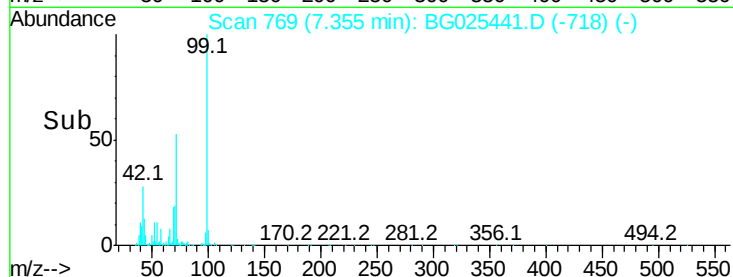
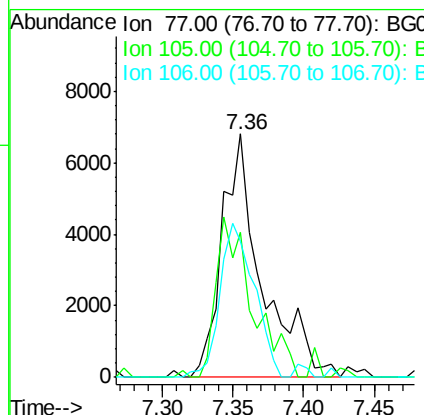
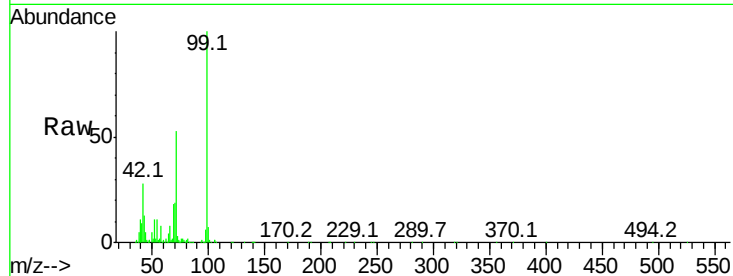
ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	59.3	60.9	100.9#
106	55.7	55.1	95.1

Manual Integrations
APPROVED

Sohil
1/10/2017 9:59:48 AM



#10

Phenol

Concen: 40.53 ng

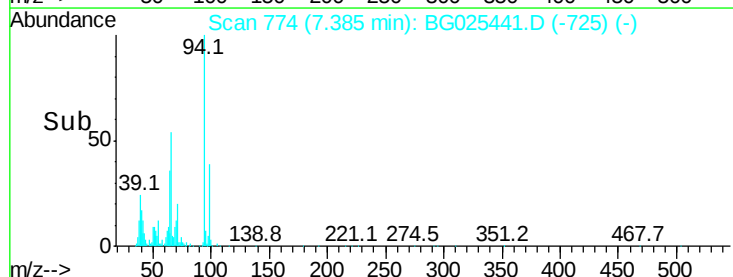
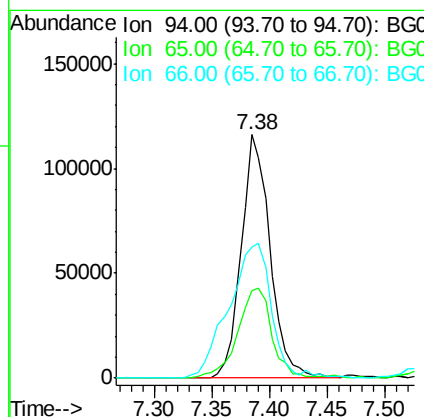
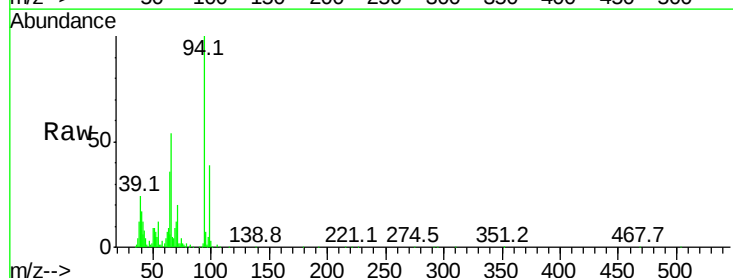
RT: 7.38 min Scan# 774

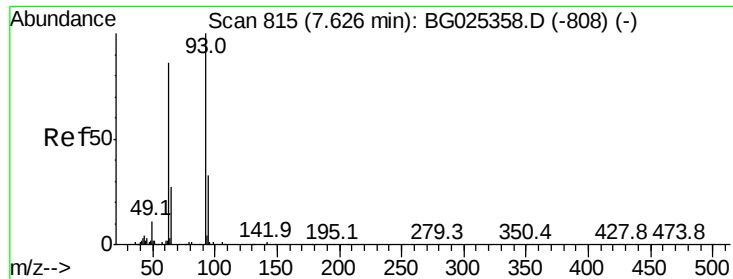
Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.1	20.6	60.6
66	54.0	35.5	75.5





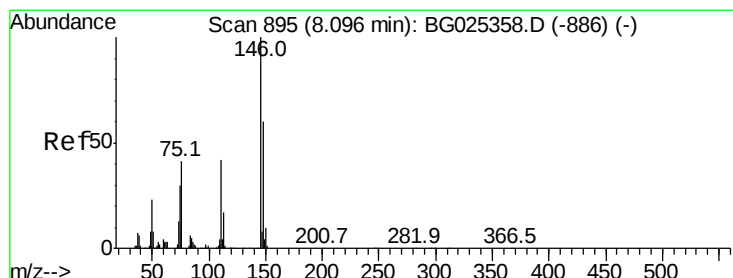
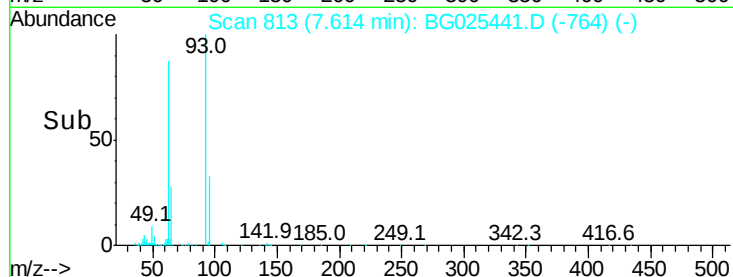
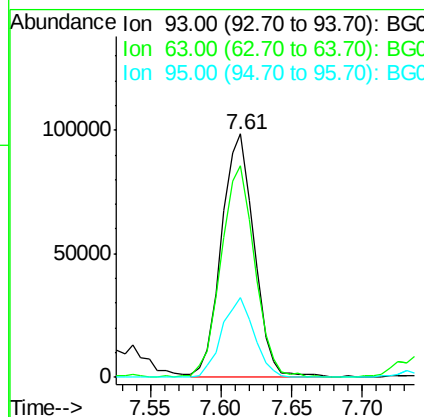
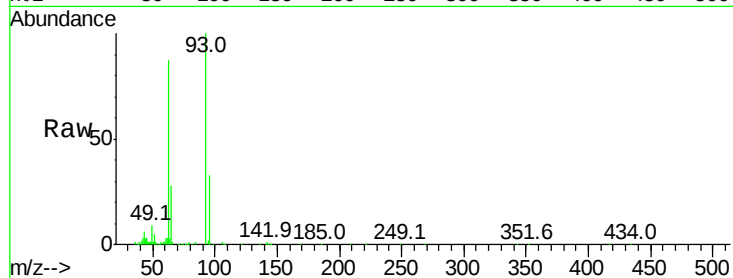
#11
bis(2-Chloroethyl)ether
Concen: 41.48 ng
RT: 7.61 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.8	78.5	118.5
95	32.6	9.8	49.8

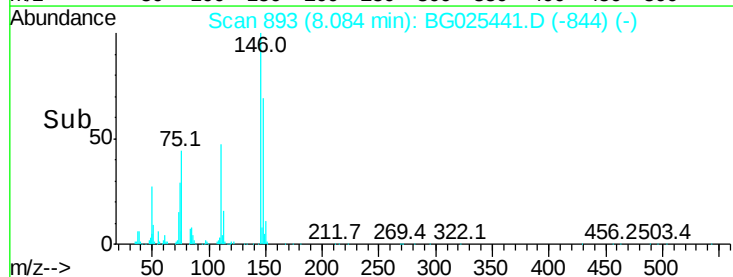
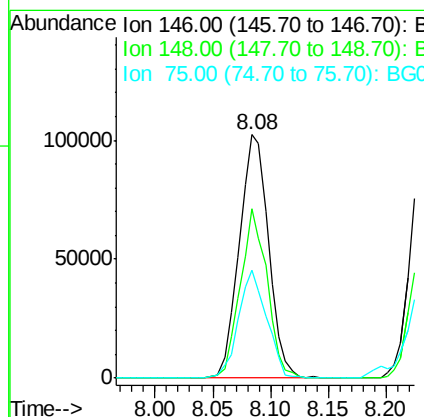
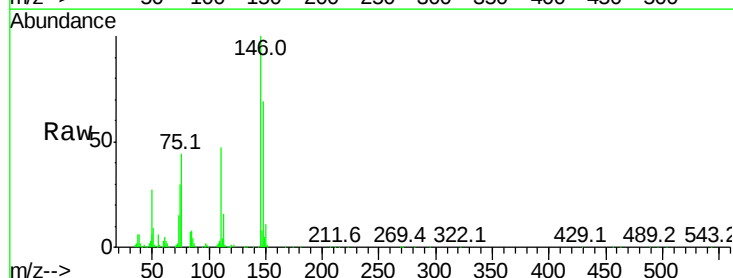
Manual Integrations
APPROVED

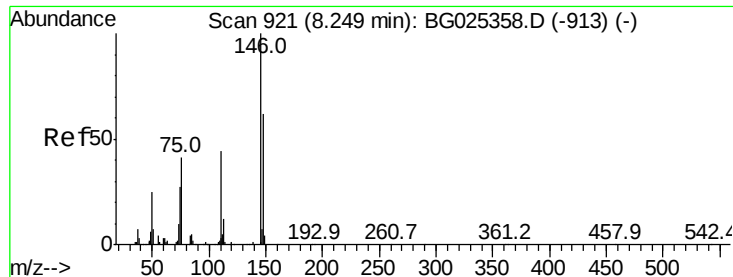
Sohil
1/10/2017 9:59:48 AM



#12
1,3-Dichlorobenzene
Concen: 41.34 ng
RT: 8.08 min Scan# 893
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.3	49.2	73.8
75	44.2	33.4	50.2





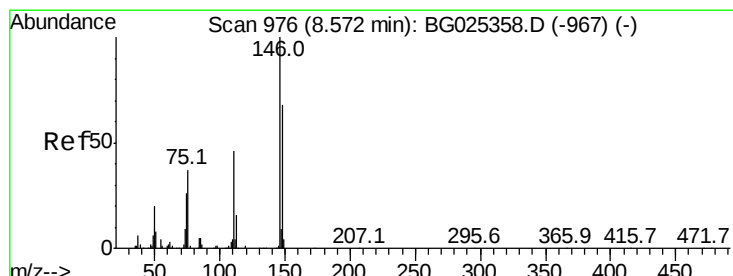
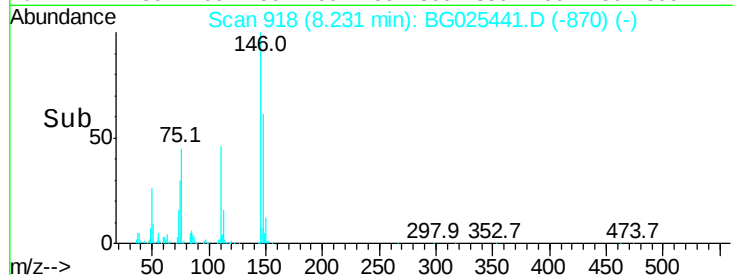
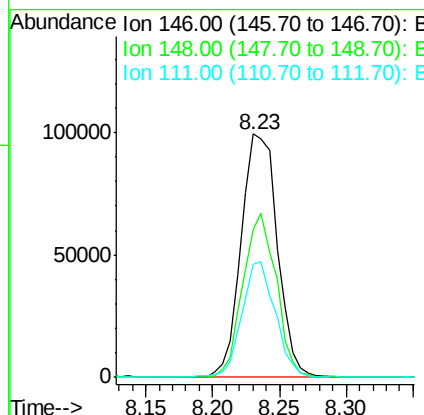
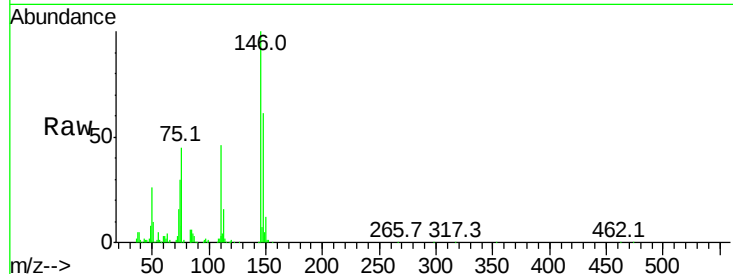
#13
1,4-Dichlorobenzene
Concen: 41.20 ng
RT: 8.23 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.7	52.2	78.2
111	46.4	37.0	55.6

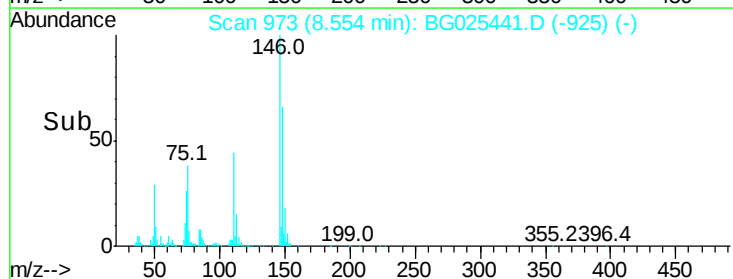
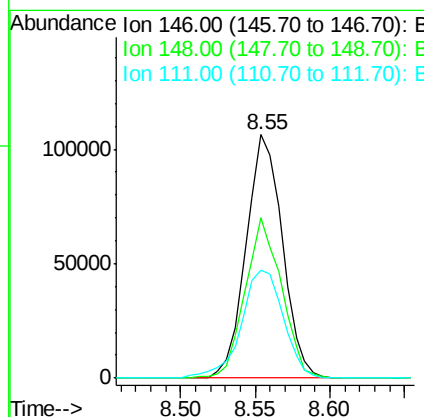
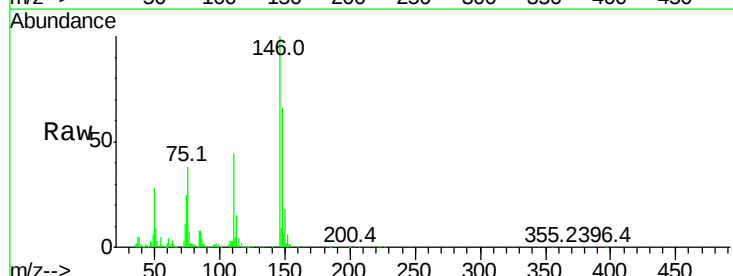
Manual Integrations
APPROVED

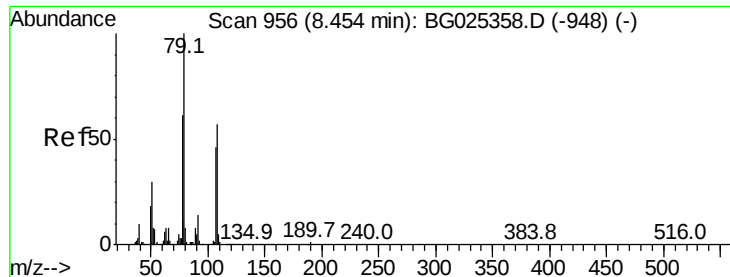
Sohil
1/10/2017 9:59:48 AM



#14
1,2-Dichlorobenzene
Concen: 41.58 ng
RT: 8.55 min Scan# 973
Delta R.T. -0.02 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	54.6	81.8
111	44.4	39.7	59.5





#15

Benzyl Alcohol

Concen: 32.26 ng

RT: 8.45 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

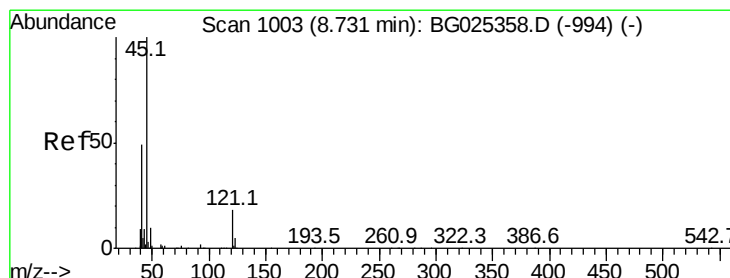
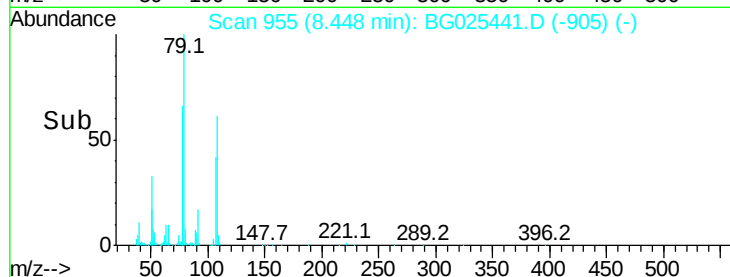
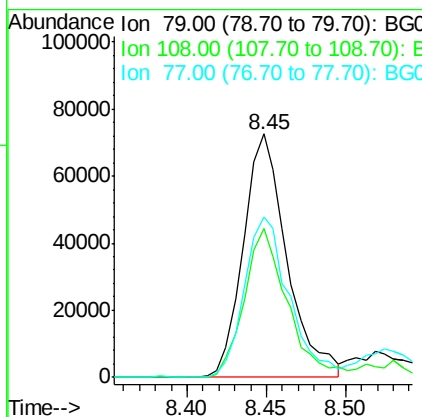
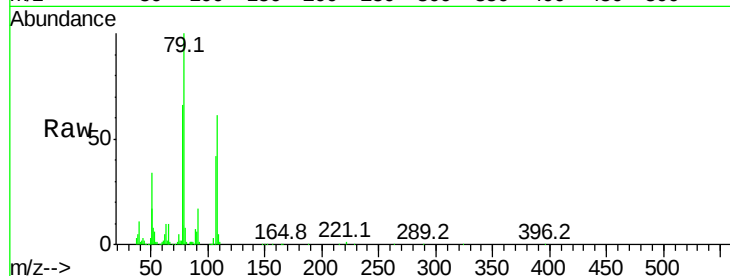
ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

Tot Ion:	79	Resp:	138300
Ion Ratio	Lower	Upper	
79	100		
108	61.1	45.5	68.3
77	65.8	54.3	81.5

Manual Integrations
APPROVED

Sohil
1/10/2017 9:59:48 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.32 ng

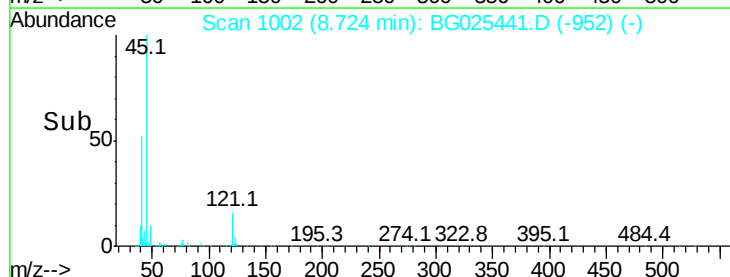
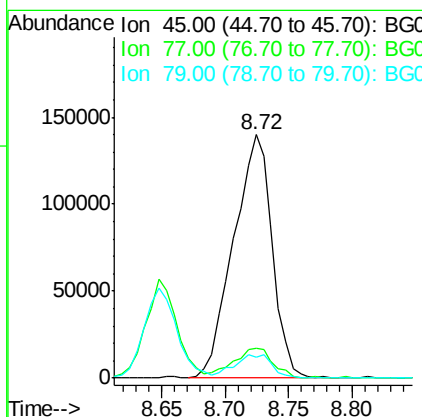
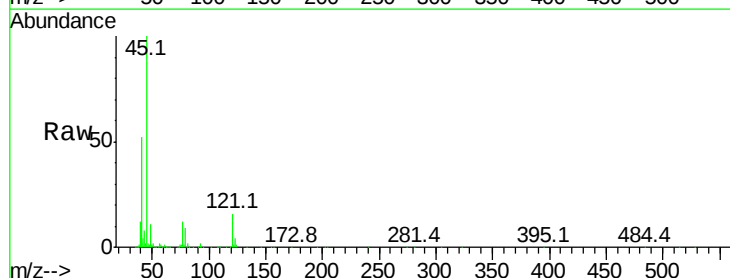
RT: 8.72 min Scan# 1002

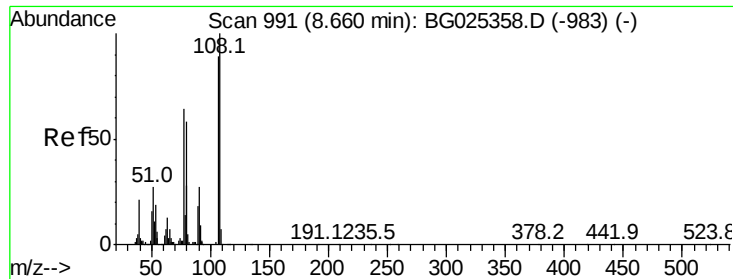
Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Tgt Ion:	45	Resp:	293504
Ion Ratio	Lower	Upper	
45	100		
77	12.2	0.0	30.6
79	8.8	0.0	28.5





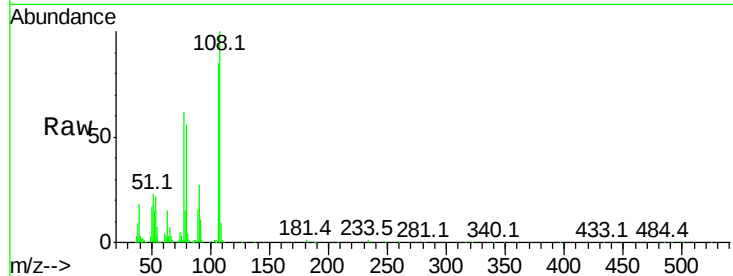
#17
2-Methylphenol
Concen: 43.38 ng
RT: 8.65 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.0	85.6	128.4	
77	72.6	51.4	77.2	
79	66.0	49.2	73.8	

Manual Integrations
APPROVED

Sohil
1/10/2017 9:59:48 AM



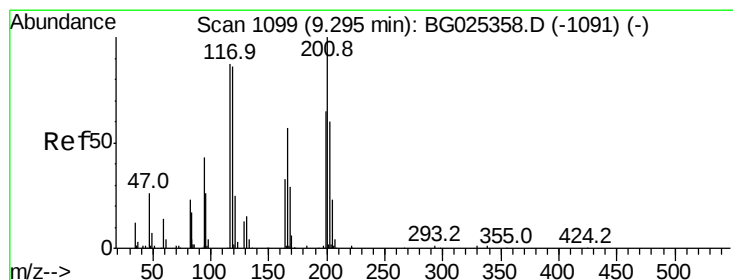
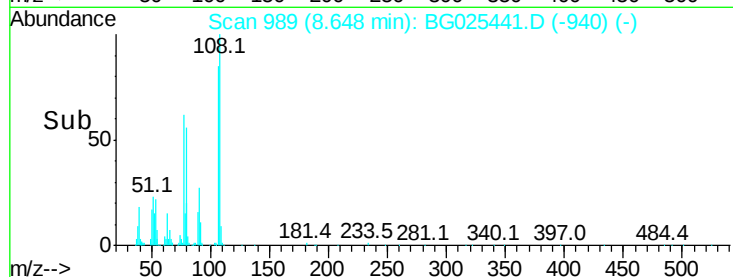
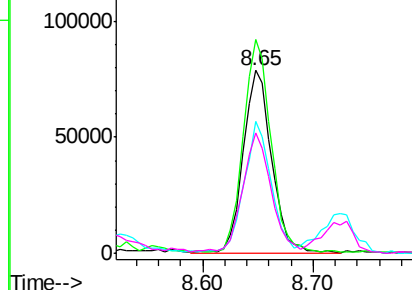
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

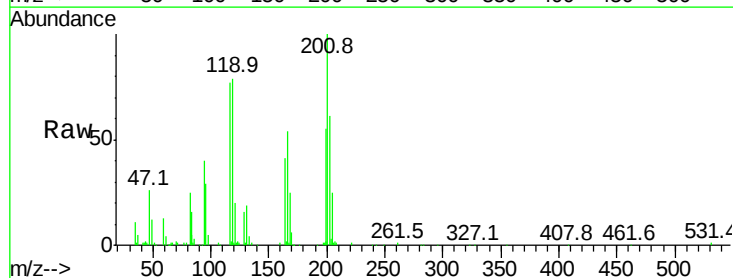
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.87 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	103.4	69.8	104.6	
201	130.6	95.4	143.0	

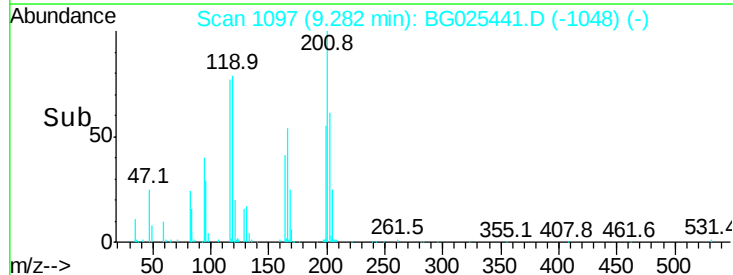
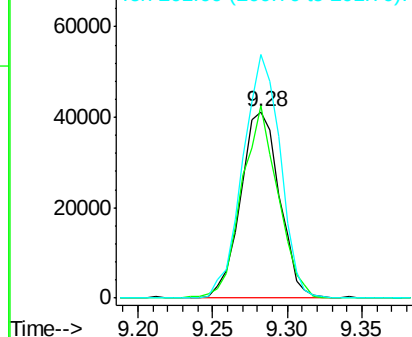


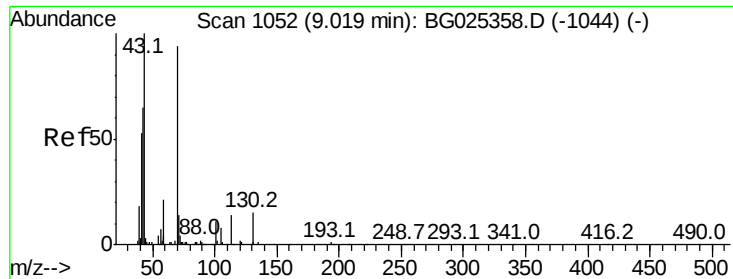
Abundance

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





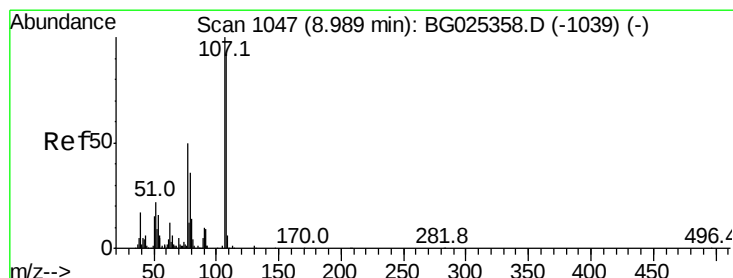
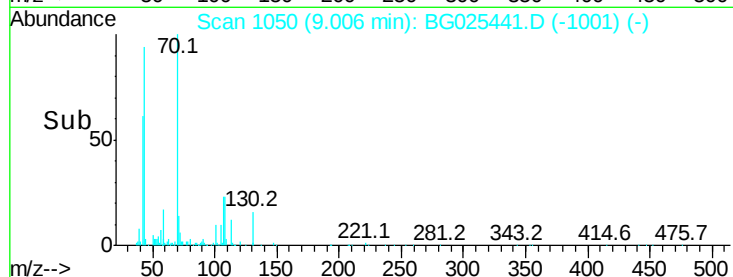
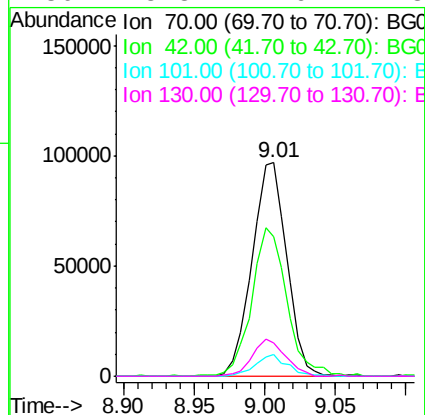
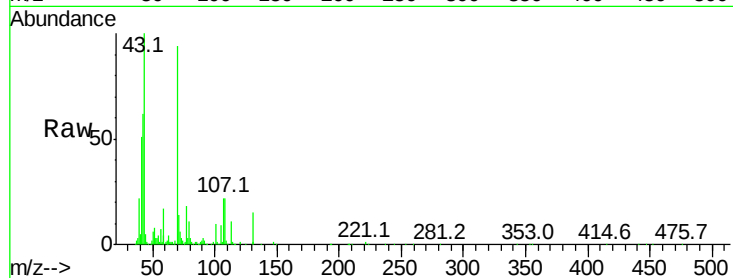
#19
n-Nitroso-di-n-propylamine
Concen: 44.18 ng
RT: 9.01 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.6	56.1	84.1
101	10.3	7.5	11.3
130	15.8	14.6	21.8

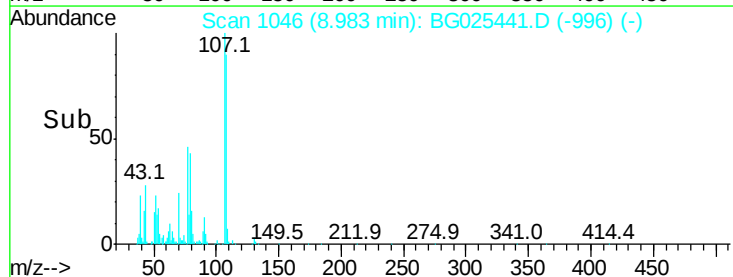
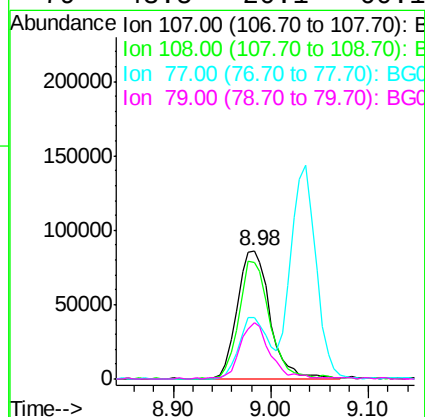
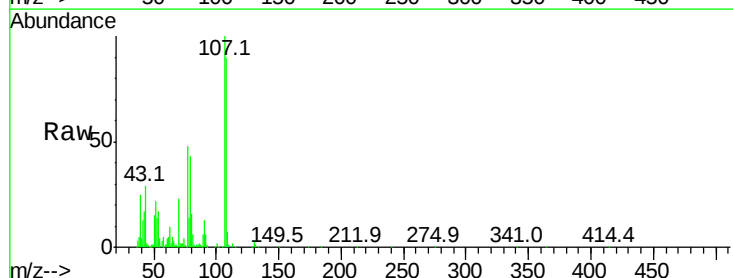
Manual Integrations
APPROVED

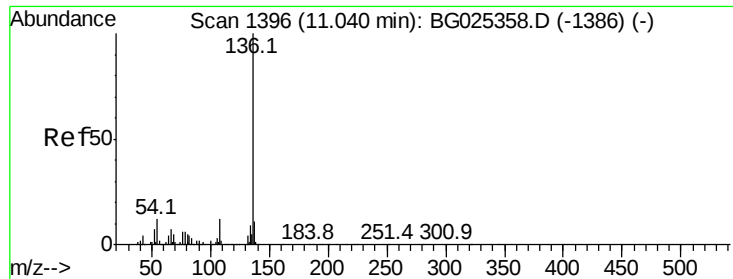
Sohil
1/10/2017 9:59:48 AM



#20
3+4-Methylphenols
Concen: 44.78 ng
RT: 8.98 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.8	110.8
77	47.9	25.8	65.8
79	43.5	20.1	60.1





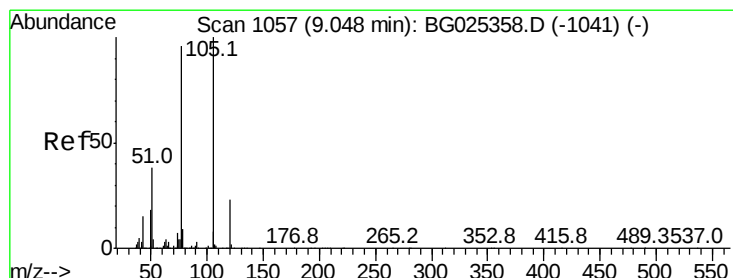
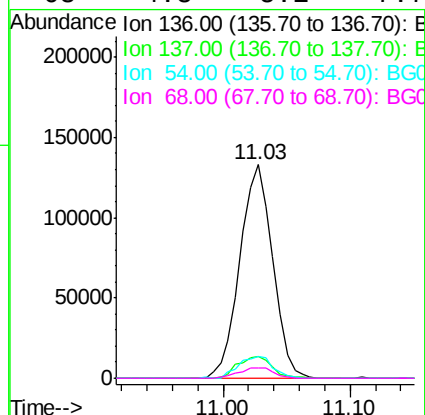
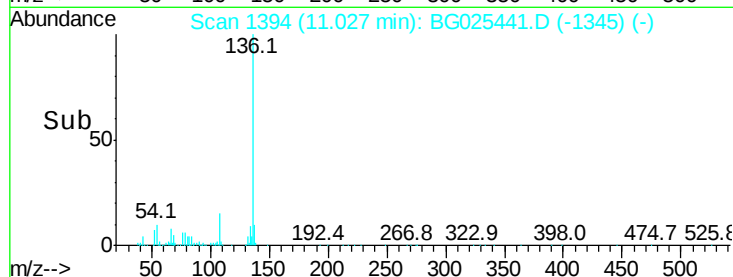
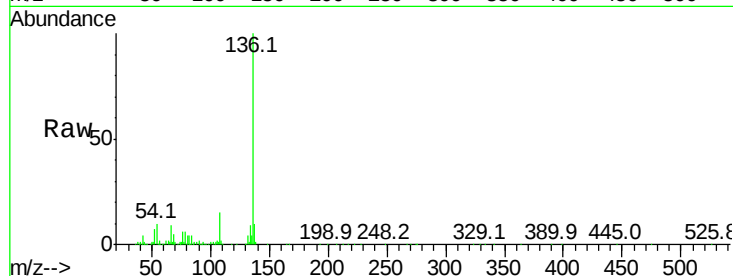
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	237943		
137	10.3	8.9	13.3	
54	10.4	9.3	13.9	
68	4.8	5.1	7.7#	

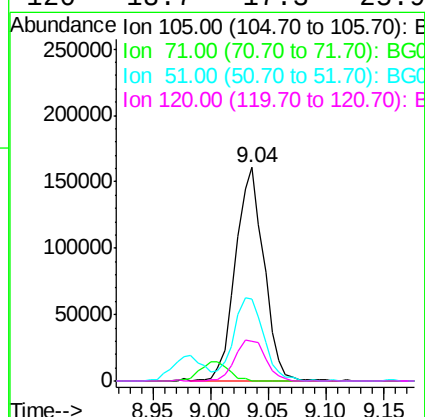
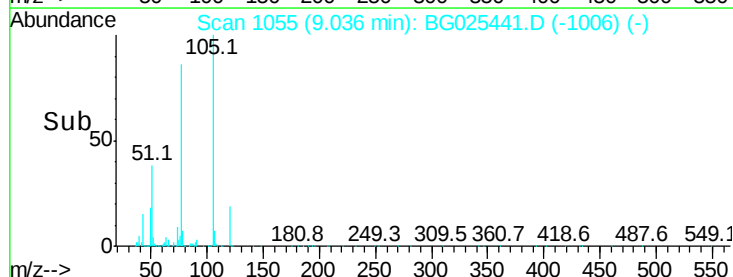
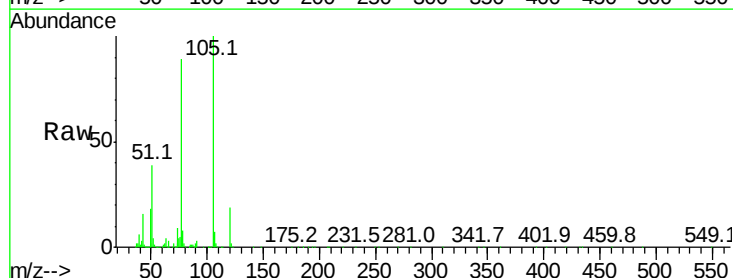
Manual Integrations
APPROVED

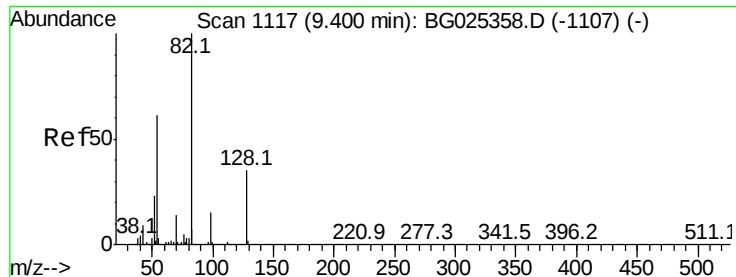
Sohil
1/10/2017 9:59:48 AM



#22
Acetophenone
Concen: 41.57 ng
RT: 9.04 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	274800		
71	0.3	0.9	1.3#	
51	38.6	34.0	51.0	
120	18.7	17.3	25.9	





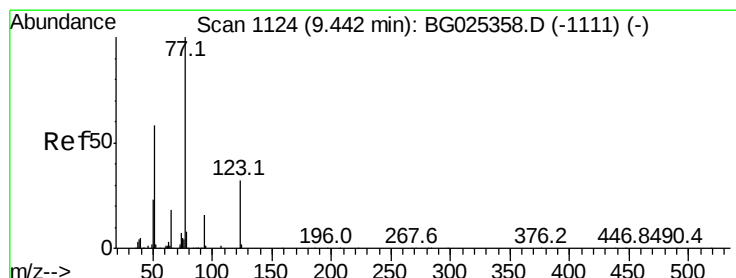
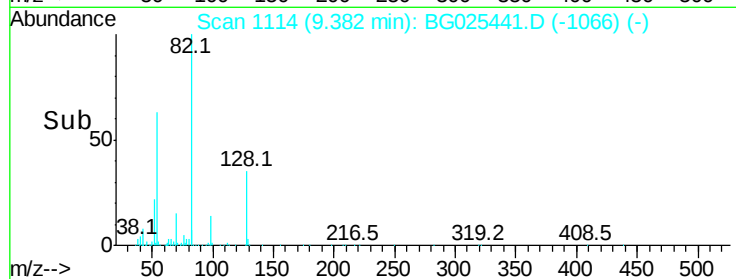
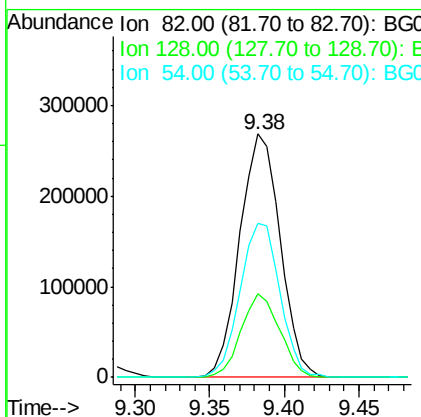
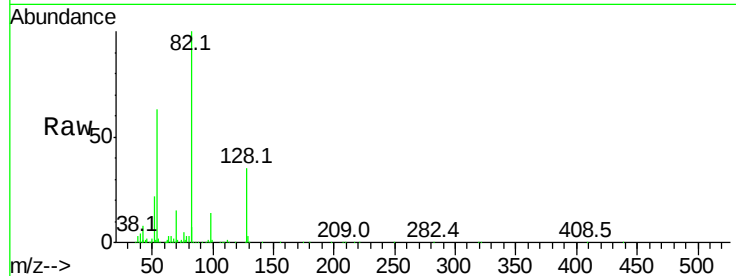
#23
Nitrobenzene-d5
Concen: 93.48 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.02 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.6	26.4	39.6	
54	63.4	49.4	74.2	

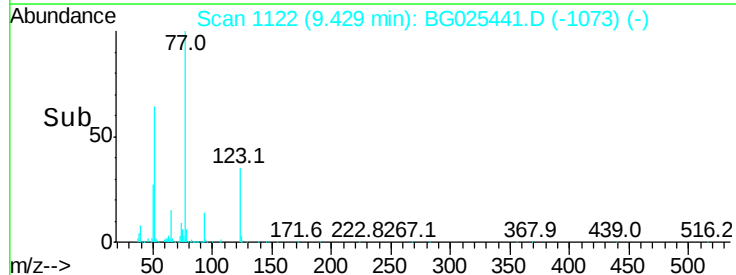
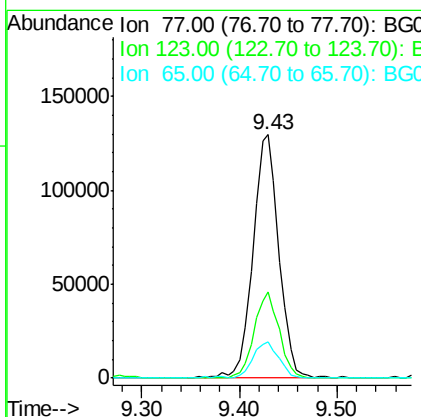
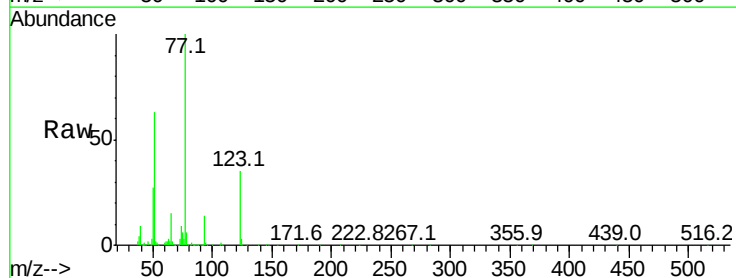
Manual Integrations
APPROVED

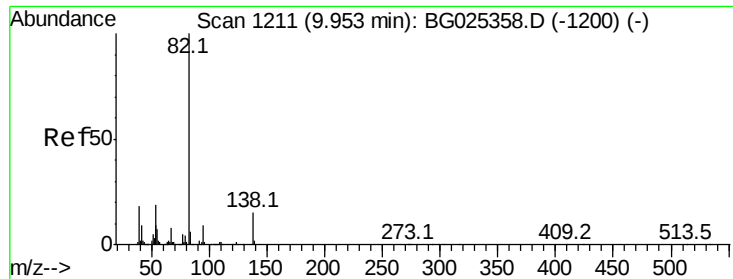
Sohil
1/10/2017 9:59:48 AM



#24
Nitrobenzene
Concen: 40.72 ng
RT: 9.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	35.3	26.1	39.1	
65	14.8	12.4	18.6	





#25

Isophorone

Concen: 45.37 ng

RT: 9.94 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

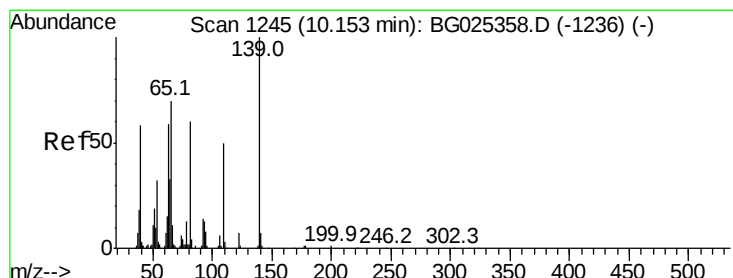
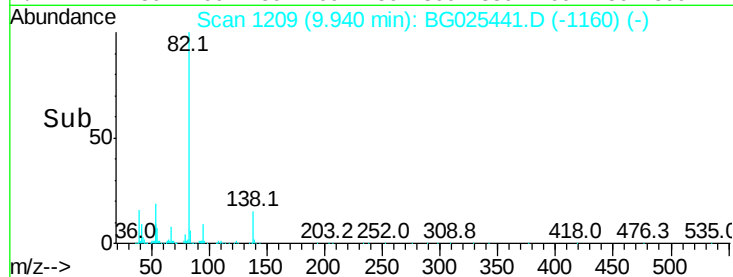
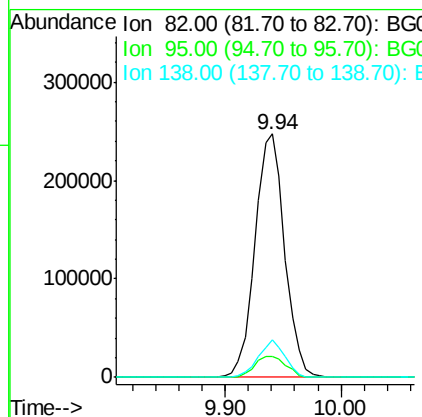
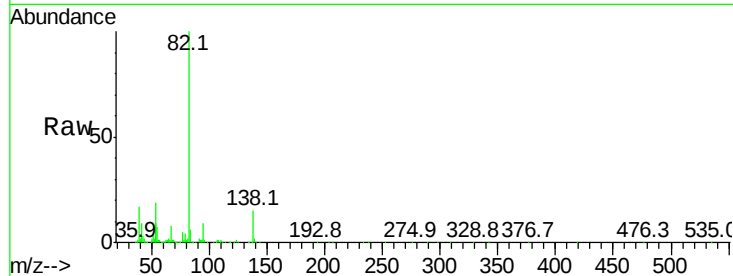
ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

Tot Ion:	82	Resp:	442462
Ion Ratio	Lower	Upper	
82	100		
95	8.7	7.5	11.3
138	15.3	12.3	18.5

Manual Integrations
APPROVED

Sohil
1/10/2017 9:59:48 AM



#26

2-Nitrophenol

Concen: 40.22 ng

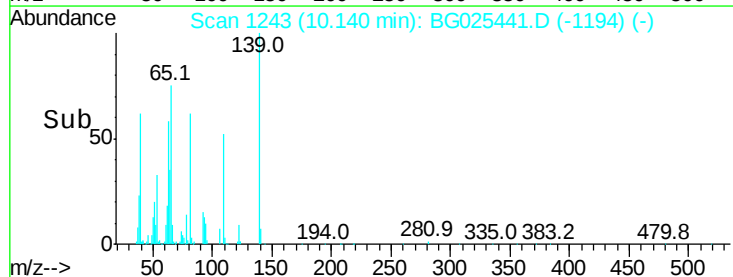
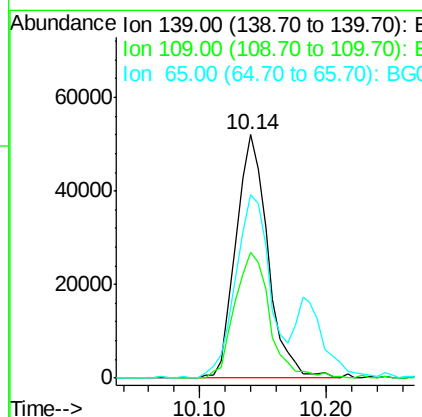
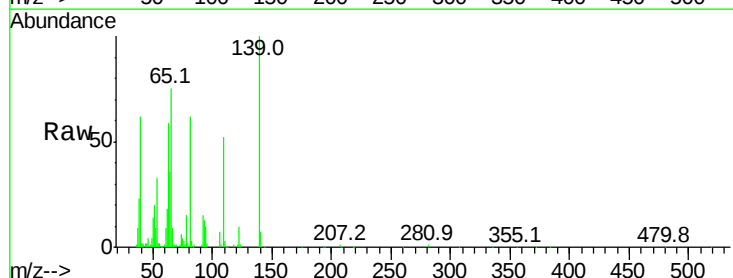
RT: 10.14 min Scan# 1243

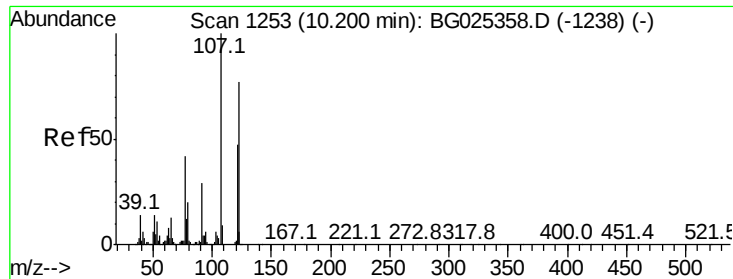
Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Tgt Ion:	139	Resp:	90871
Ion Ratio	Lower	Upper	
139	100		
109	51.9	38.6	58.0
65	75.4	57.1	85.7





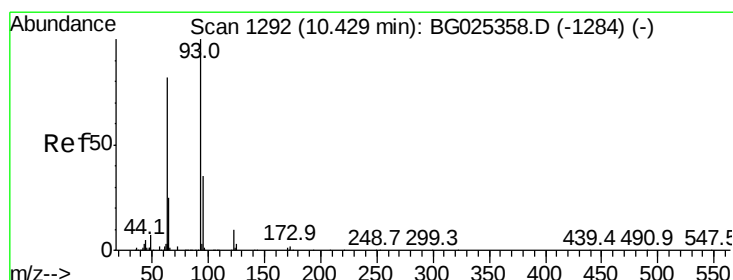
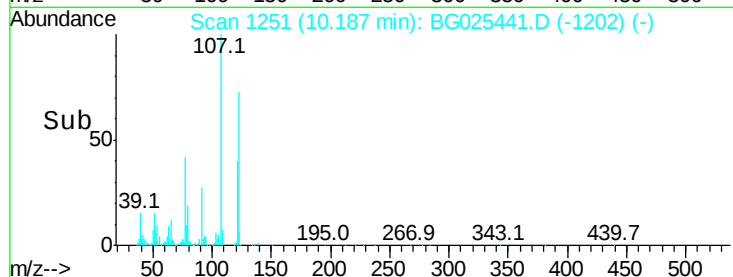
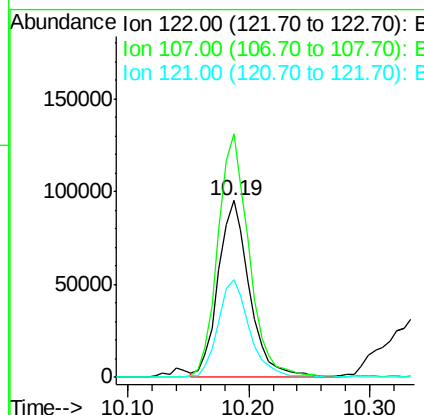
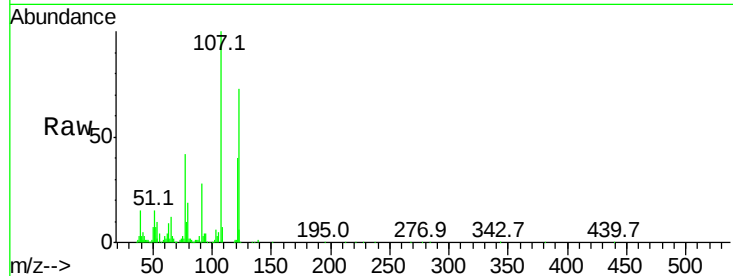
#27
2,4-Dimethylphenol
Concen: 45.76 ng
RT: 10.19 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	137.8	104.2	156.4
121	55.3	46.0	69.0

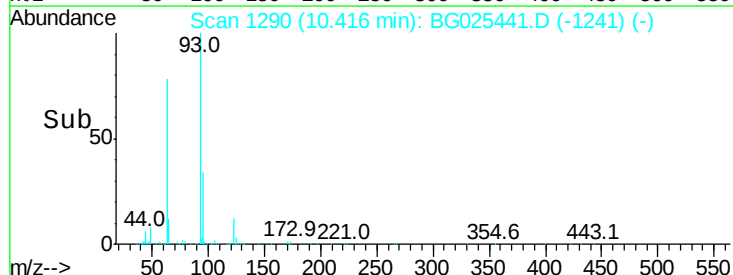
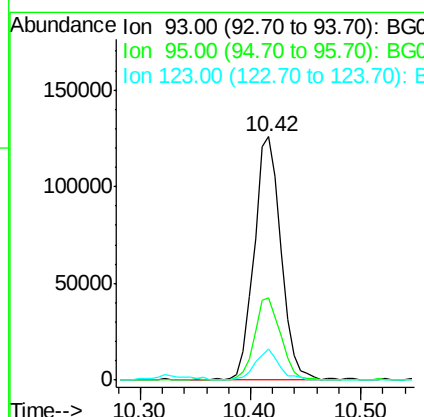
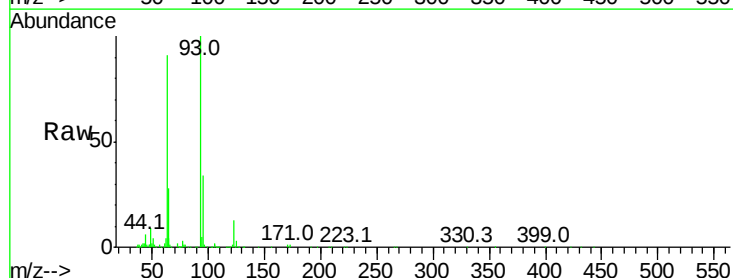
Manual Integrations
APPROVED

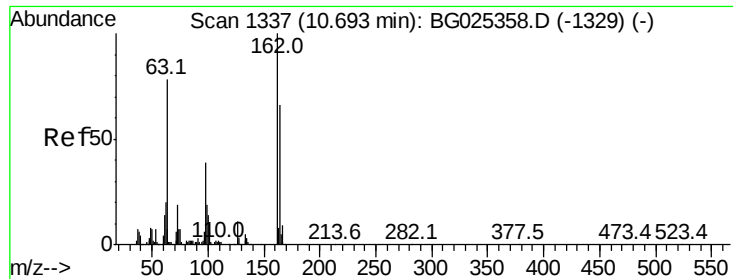
Sohil
1/10/2017 9:59:48 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.16 ng
RT: 10.42 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	25.7	38.5
123	12.7	8.3	12.5





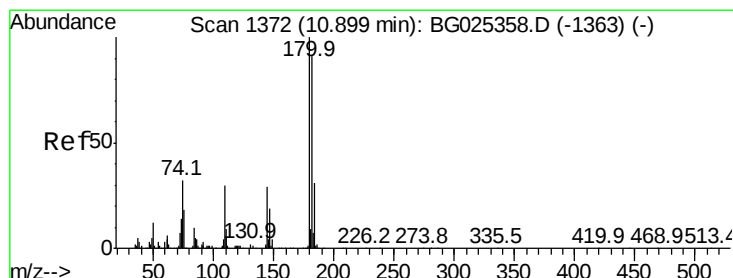
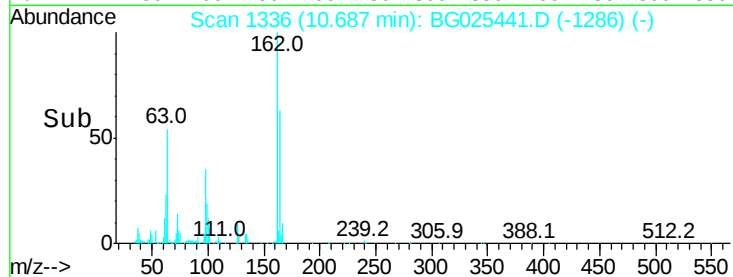
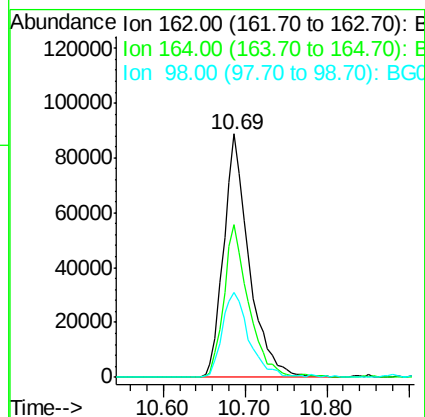
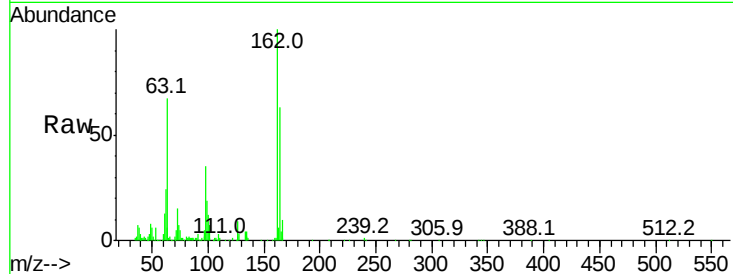
#29
 2,4-Dichlorophenol
 Concen: 48.45 ng
 RT: 10.69 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BG025441.D
 Acq: 9 Jan 2017 22:08

Instrument :
 BNA_G
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.8	42.4	82.4
98	34.7	20.3	60.3

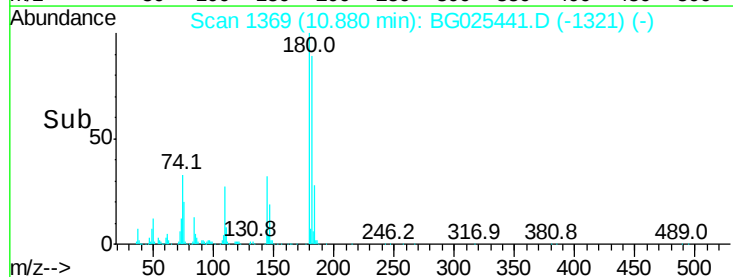
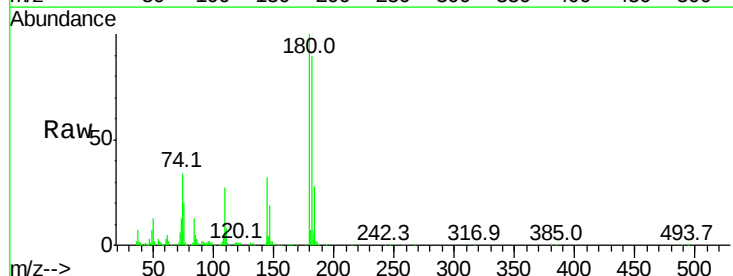
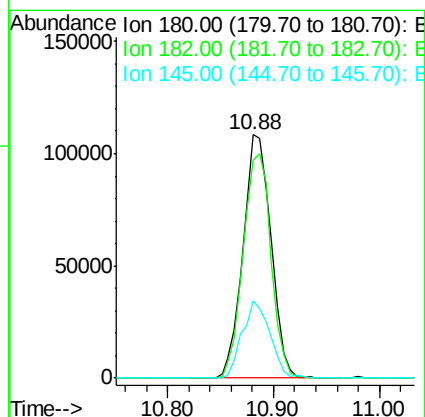
Manual Integrations
 APPROVED

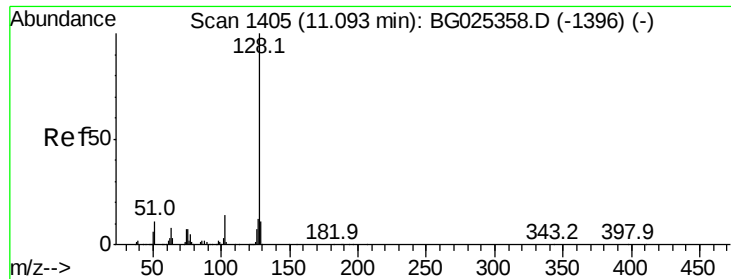
Sohil
 1/10/2017 9:59:48 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.51 ng
 RT: 10.88 min Scan# 1369
 Delta R.T. -0.02 min
 Lab File: BG025441.D
 Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	89.5	77.0	115.4
145	32.0	23.4	35.0





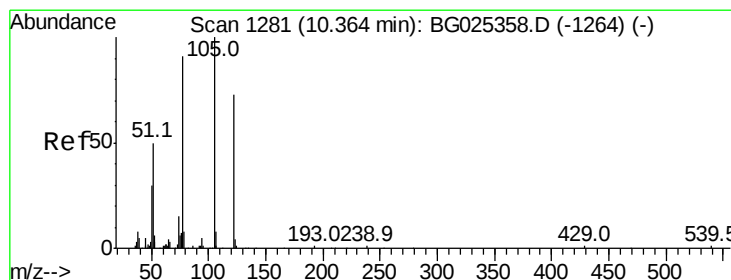
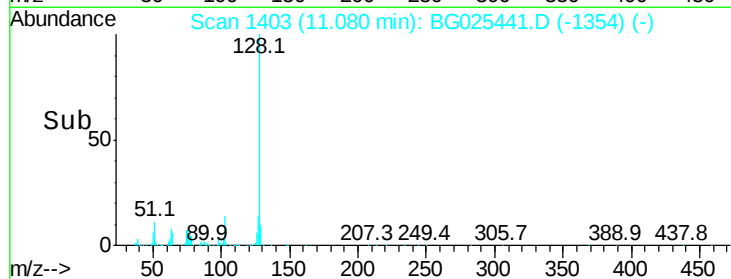
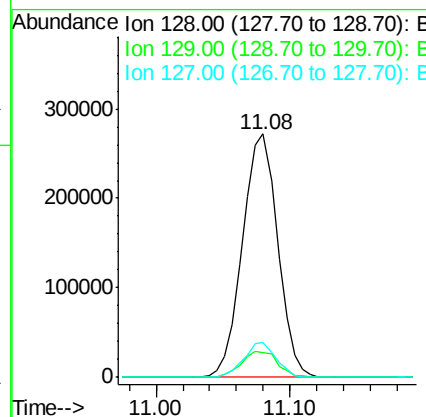
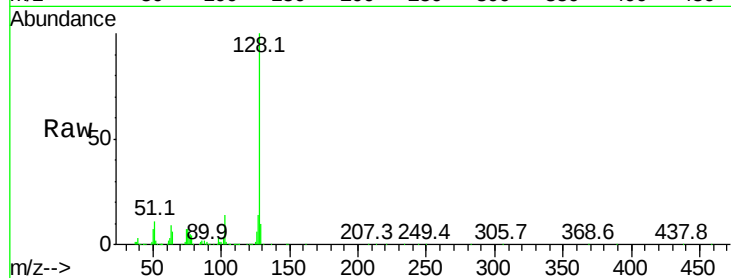
#31
Naphthalene
Concen: 41.88 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	497580		
129	10.3		9.3	13.9
127	14.4		11.4	17.0

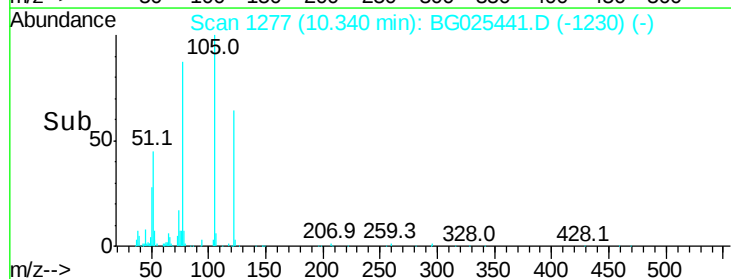
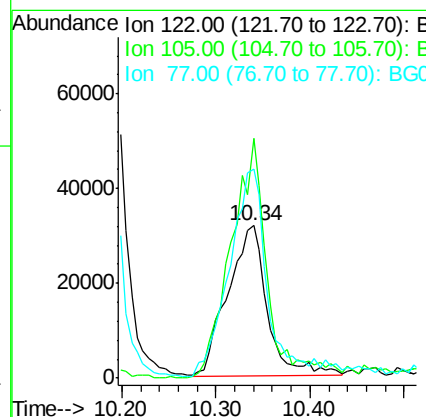
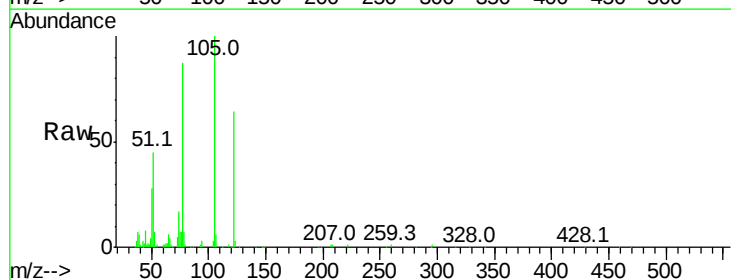
Manual Integrations
APPROVED

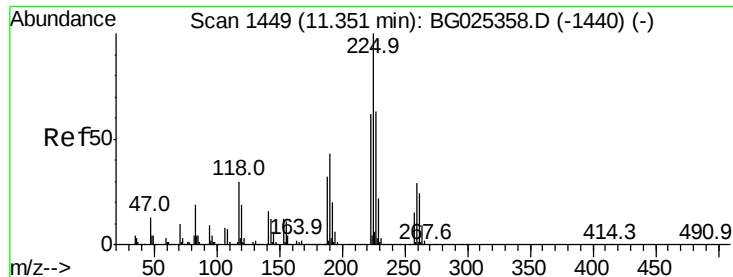
Sohil
1/10/2017 9:59:48 AM



#32
Benzoic acid
Concen: 30.94 ng
RT: 10.34 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	92432		
105	156.8		120.1	160.1
77	137.1		104.6	144.6





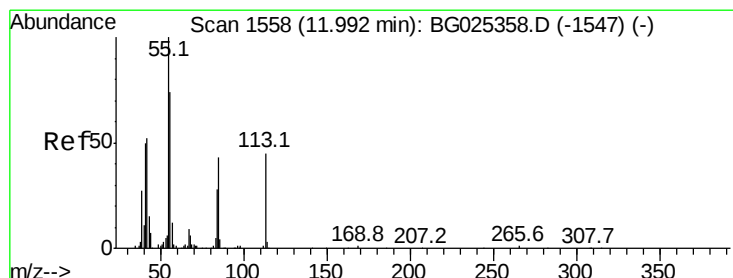
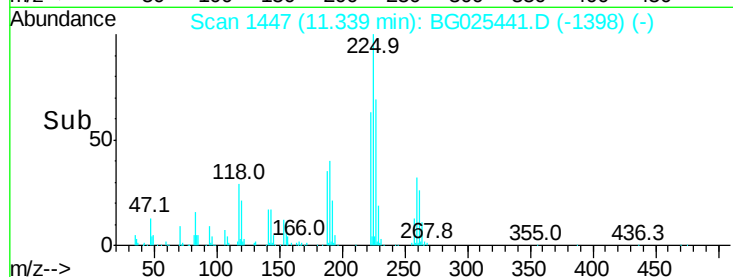
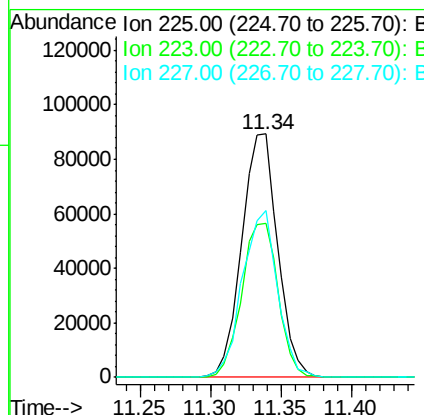
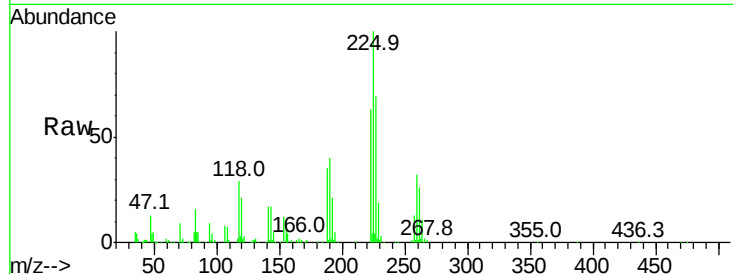
#34
Hexachlorobutadiene
Concen: 40.62 ng
RT: 11.34 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.7	76.1
227	68.7	49.0	73.6

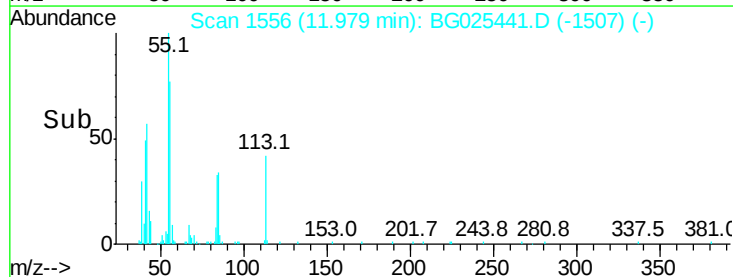
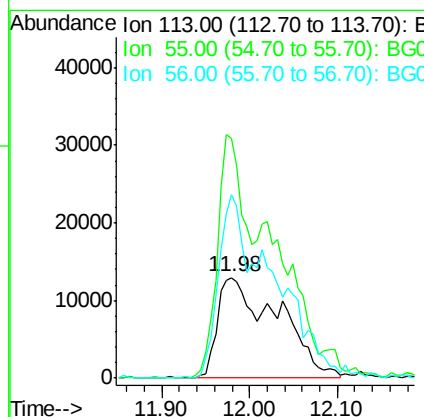
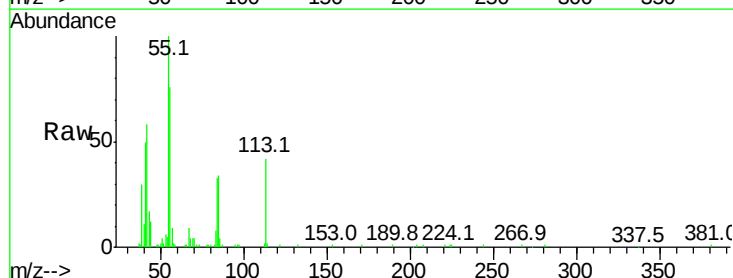
Manual Integrations
APPROVED

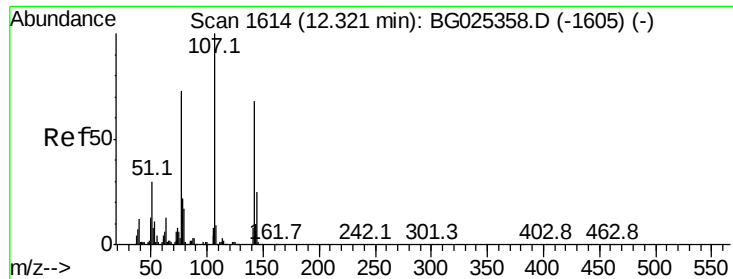
Sohil
1/10/2017 9:59:48 AM



#35
Caprolactam
Concen: 41.75 ng m
RT: 11.98 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
113	100		
55	237.7	198.6	238.6
56	181.4	140.4	180.4





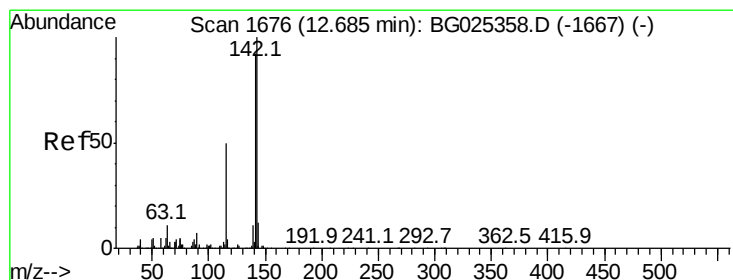
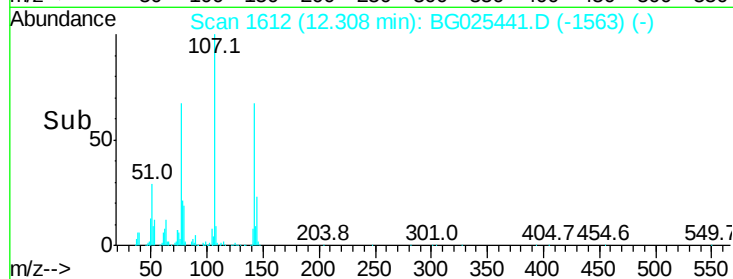
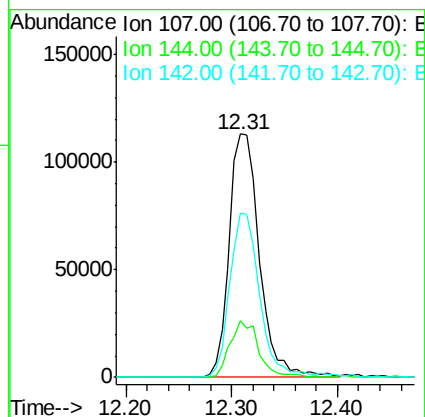
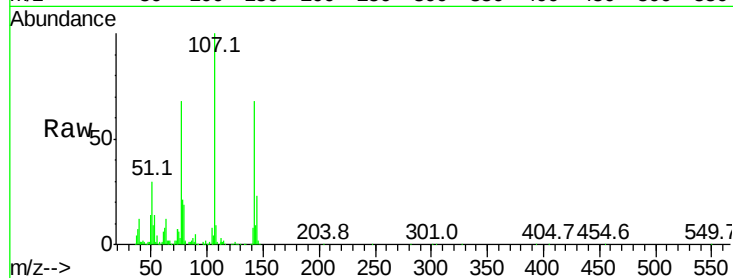
#36
 4-Chloro-3-methylphenol
 Concen: 45.59 ng
 RT: 12.31 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BG025441.D
 Acq: 9 Jan 2017 22:08

Instrument :
 BNA_G
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Lower	Upper
107	100		
144	23.4	17.4	26.0
142	67.7	54.1	81.1

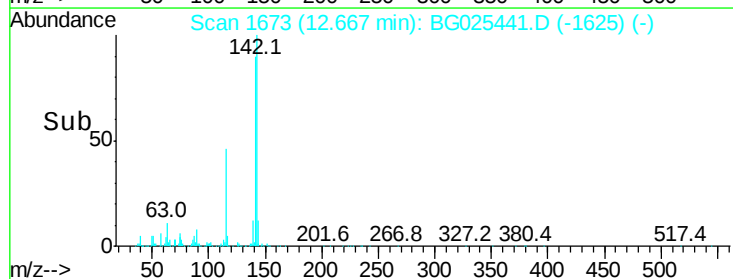
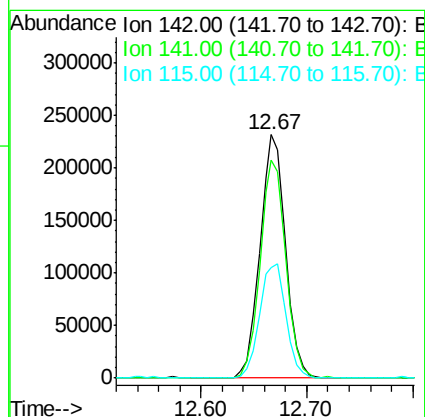
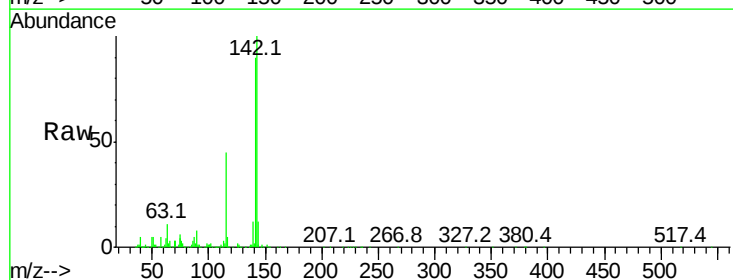
Manual Integrations
 APPROVED

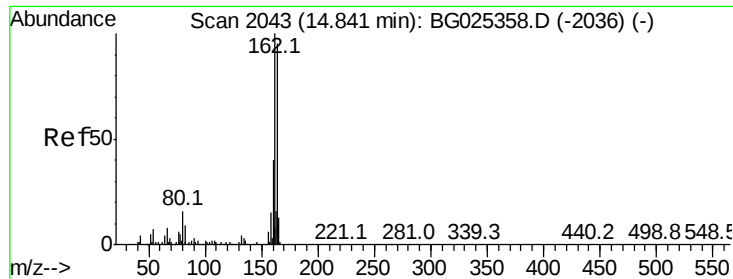
Sohil
 1/10/2017 9:59:48 AM



#37
 2-Methylnaphthalene
 Concen: 44.24 ng
 RT: 12.67 min Scan# 1673
 Delta R.T. -0.02 min
 Lab File: BG025441.D
 Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.4	105.6
115	45.4	35.5	53.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BG025441.D

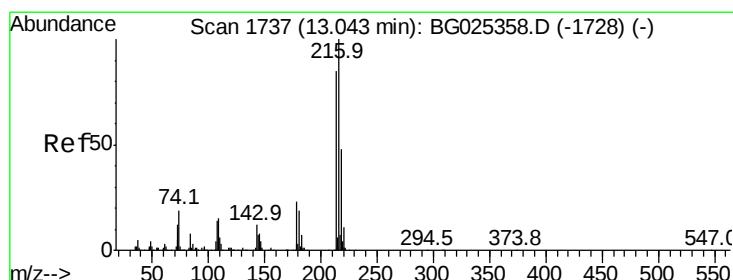
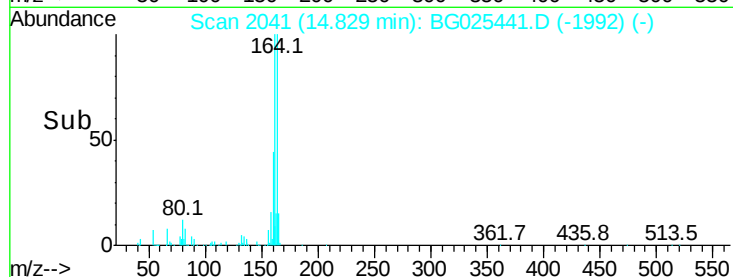
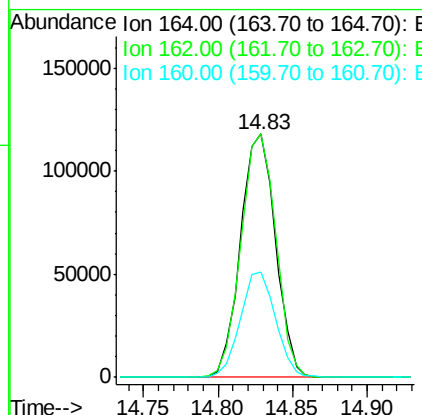
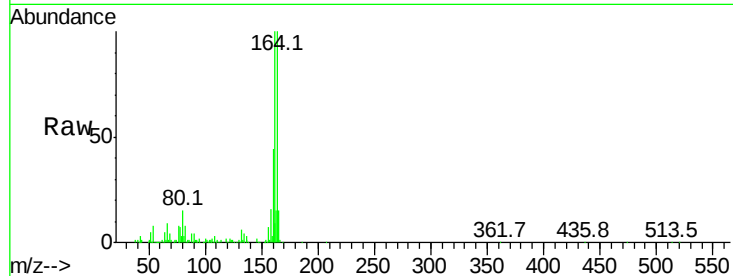
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	85.1	127.7
160	43.5	34.7	52.1

Manual Integrations
APPROVED

Sohil
1/10/2017 9:59:48 AM



#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.62 ng

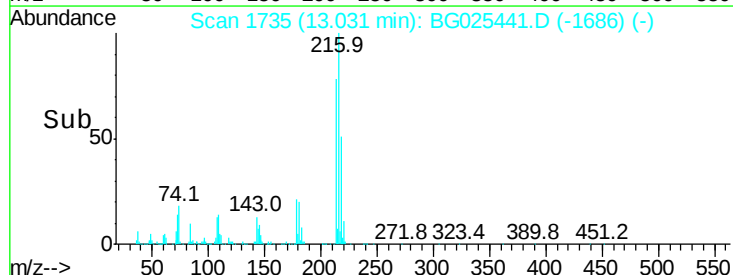
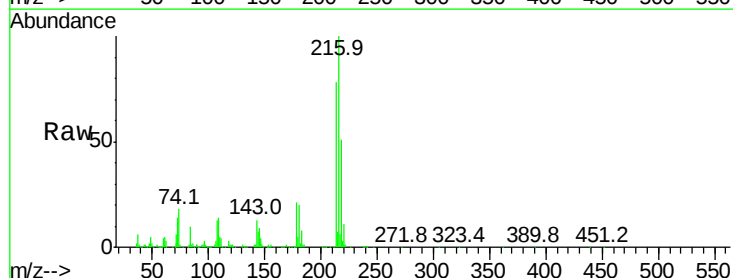
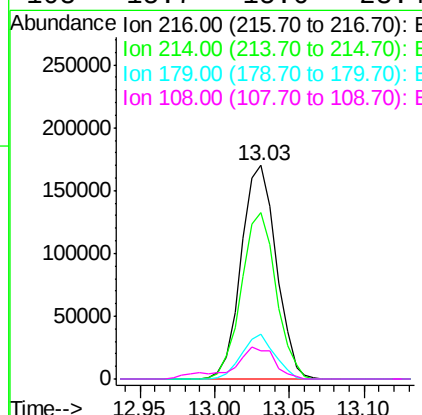
RT: 13.03 min Scan# 1735

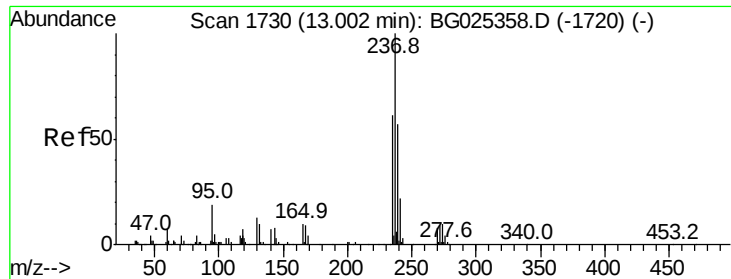
Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.3	64.4	96.6
179	19.8	17.4	26.0
108	15.7	15.6	23.4





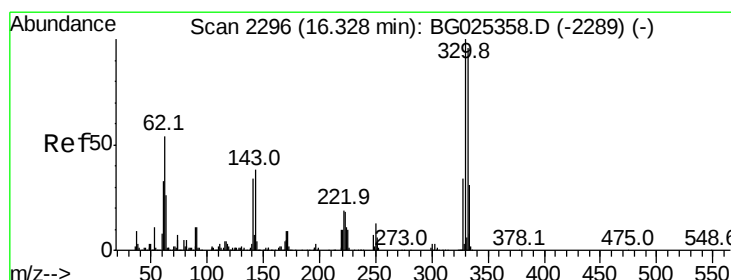
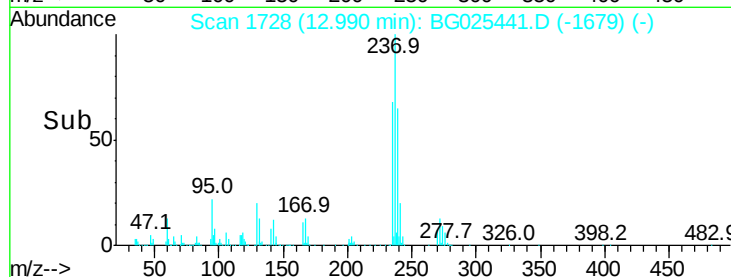
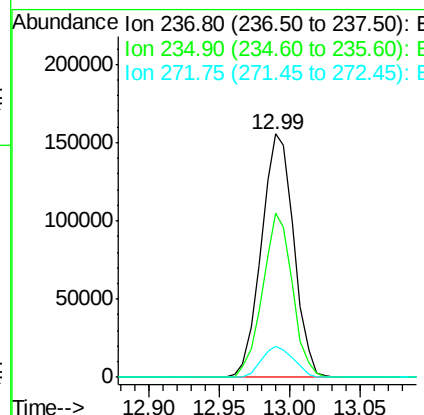
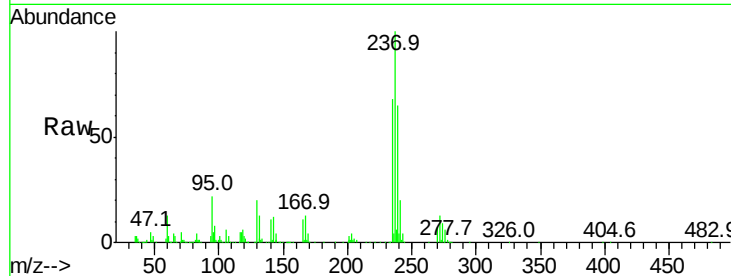
#40
Hexachlorocyclopentadiene
Concen: 105.31 ng
RT: 12.99 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	67.6	39.4	79.4
272	12.8	0.0	32.0

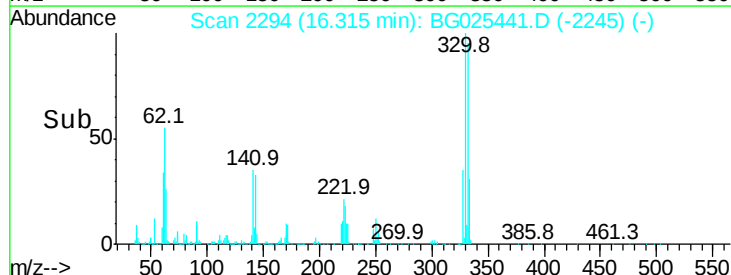
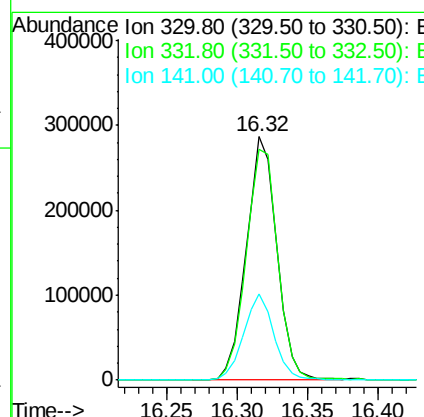
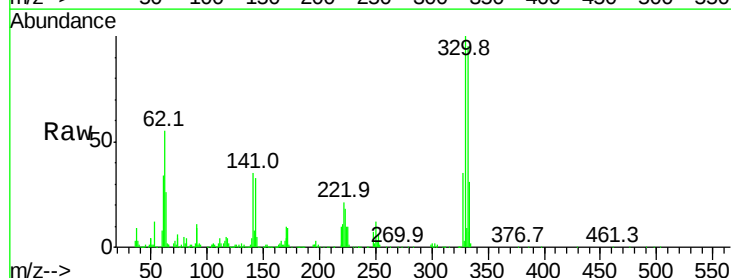
Manual Integrations
APPROVED

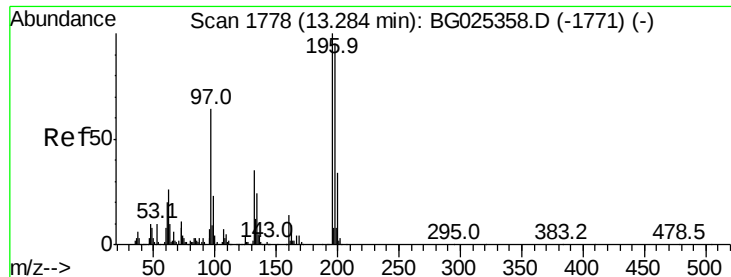
Sohil
1/10/2017 9:59:48 AM



#41
2,4,6-Tribromophenol
Concen: 140.46 ng
RT: 16.32 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	98.4	77.3	115.9
141	35.0	32.1	48.1





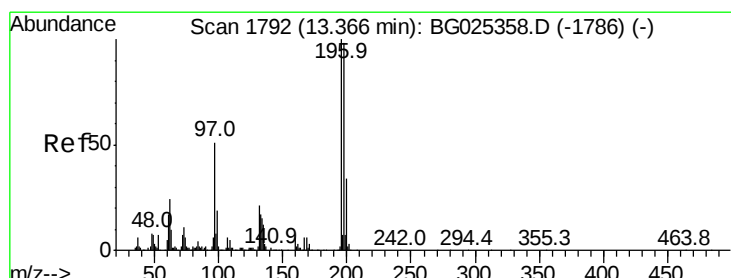
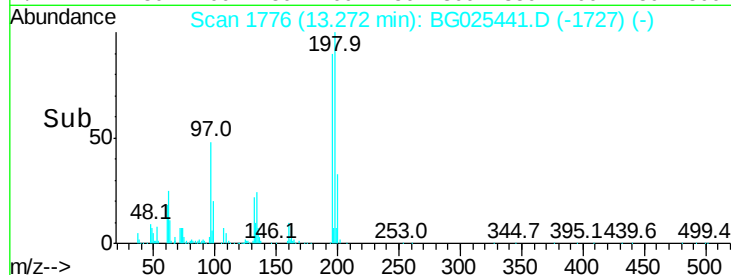
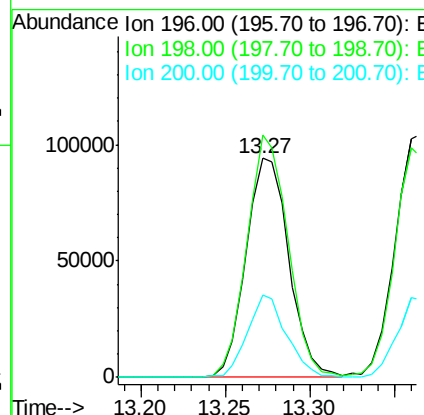
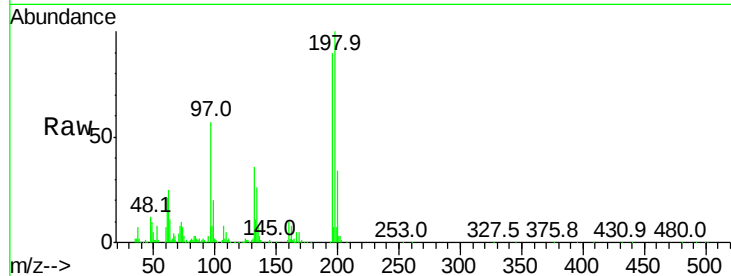
#42
2,4,6-Trichlorophenol
Concen: 41.78 ng
RT: 13.27 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	166651		
198	110.5	81.4	122.2	
200	37.6	27.0	40.6	

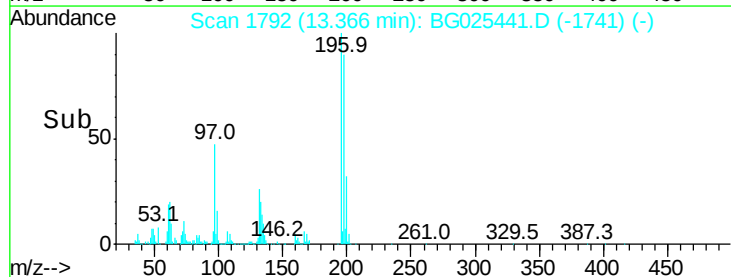
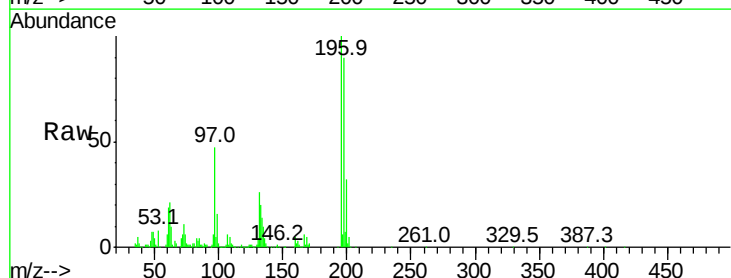
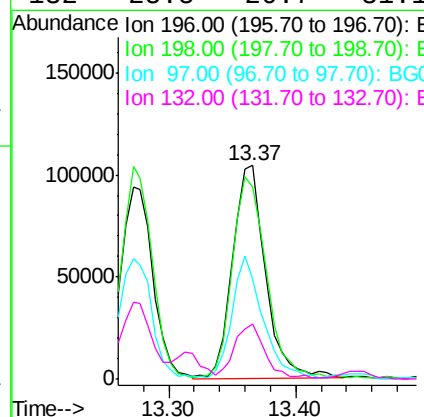
Manual Integrations
APPROVED

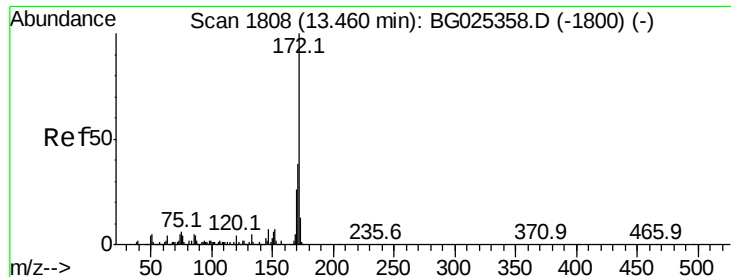
Sohil
1/10/2017 9:59:48 AM



#43
2,4,5-Trichlorophenol
Concen: 44.78 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186947		
198	89.8	79.9	119.9	
97	46.7	45.4	68.0	
132	25.5	20.7	31.1	





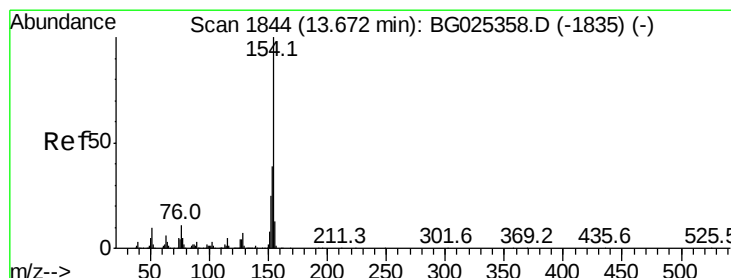
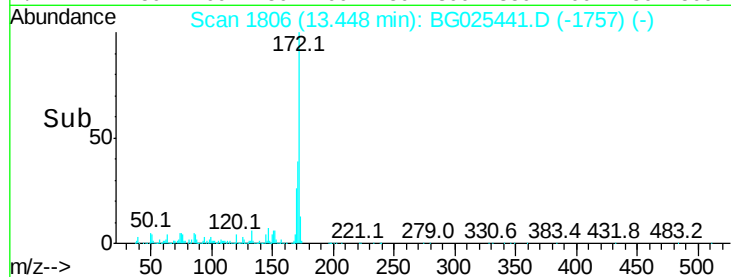
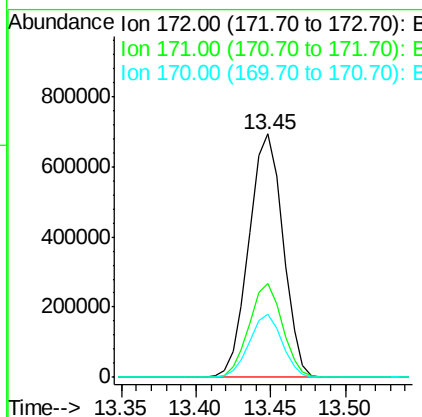
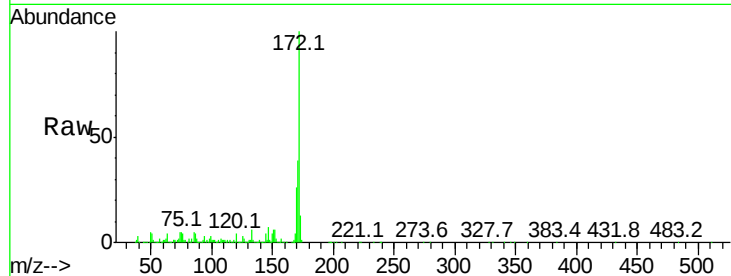
#44
2-Fluorobiphenyl
Concen: 92.26 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	32.2	48.2
170	25.9	21.8	32.6

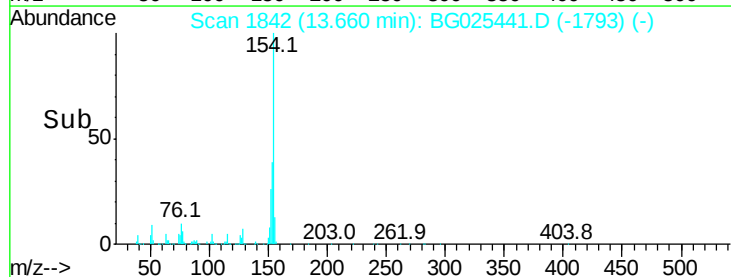
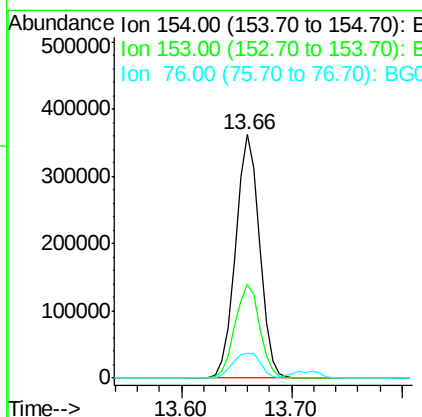
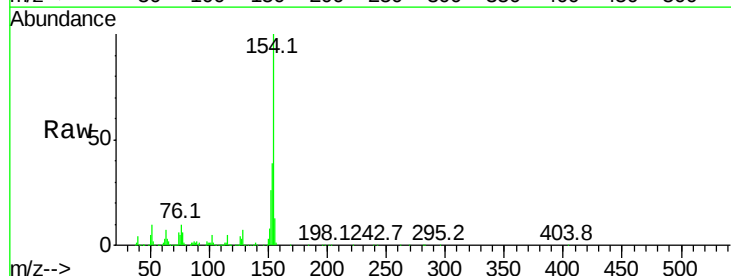
Manual Integrations
APPROVED

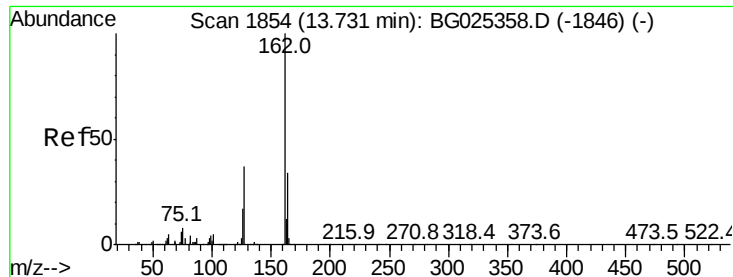
Sohil
1/10/2017 9:59:48 AM



#45
1,1'-Biphenyl
Concen: 42.83 ng
RT: 13.66 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.8	23.0	63.0
76	10.4	0.0	33.5





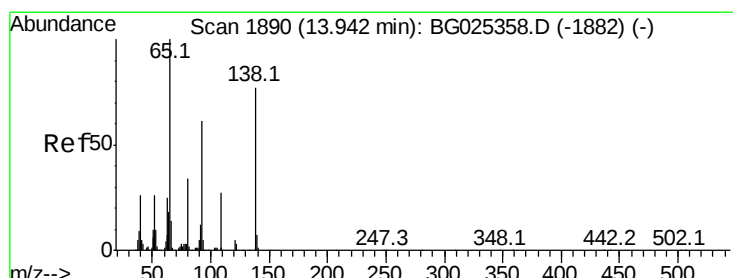
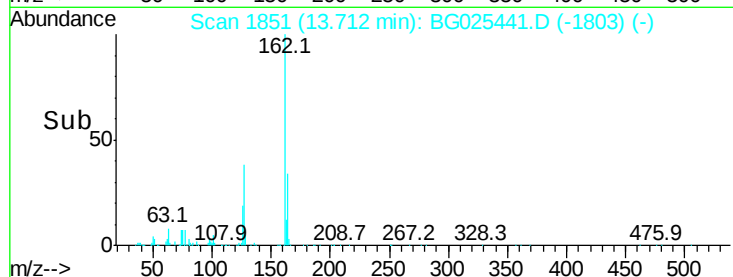
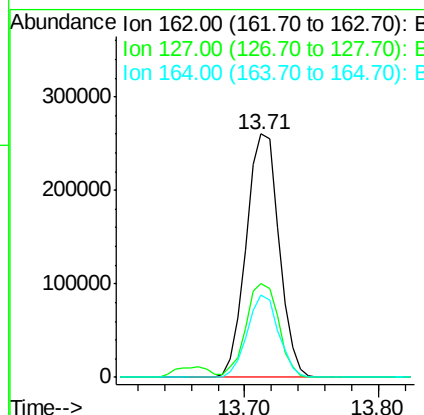
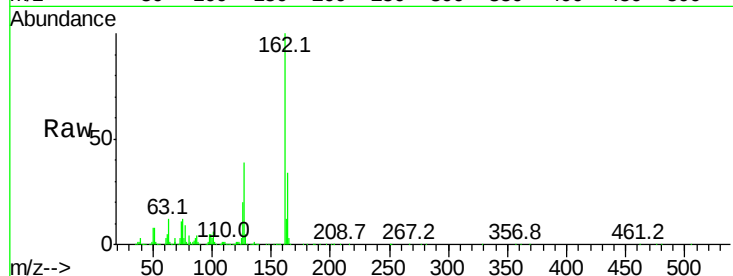
#46
2-Chloronaphthalene
Concen: 43.73 ng
RT: 13.71 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	32.2	48.4
164	33.6	27.3	40.9

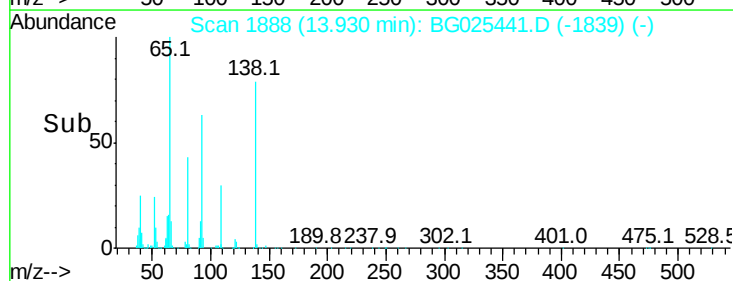
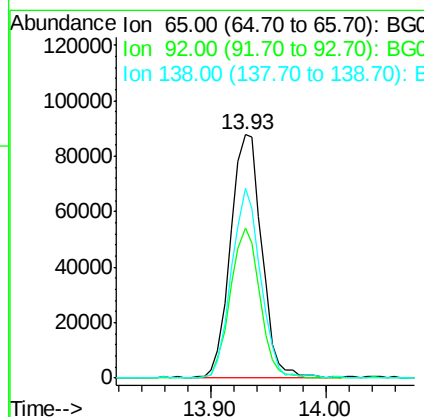
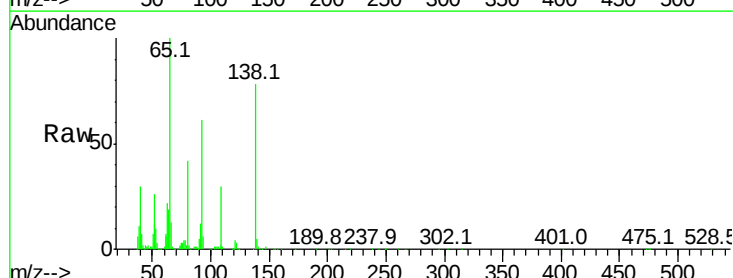
Manual Integrations
APPROVED

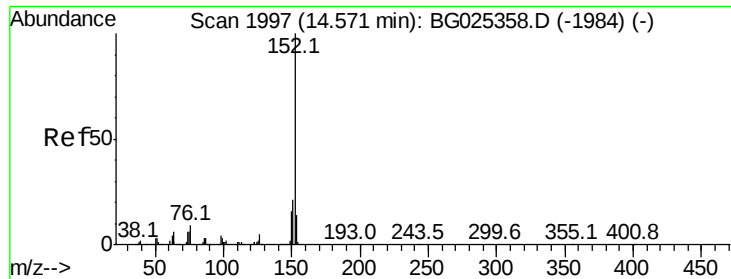
Sohil
1/10/2017 9:59:48 AM



#47
2-Nitroaniline
Concen: 38.78 ng
RT: 13.93 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.5	49.0	73.4
138	78.1	58.6	87.8





#48

Acenaphthylene

Concen: 42.73 ng

RT: 14.55 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

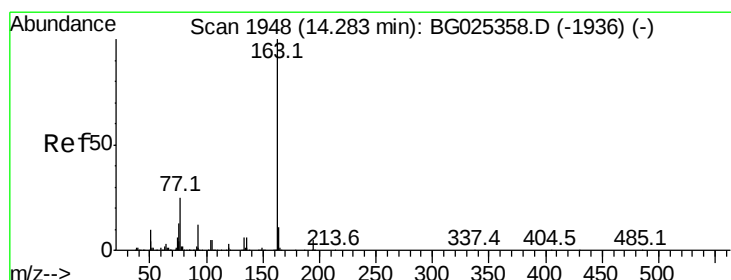
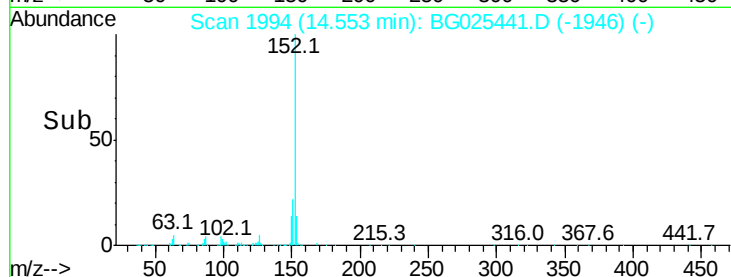
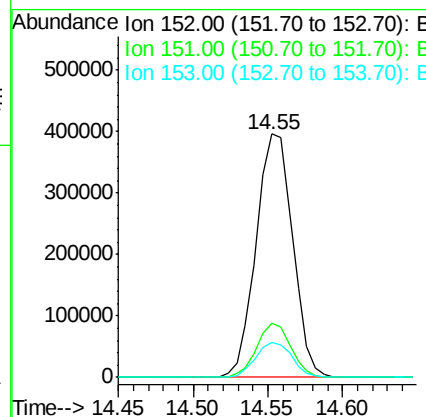
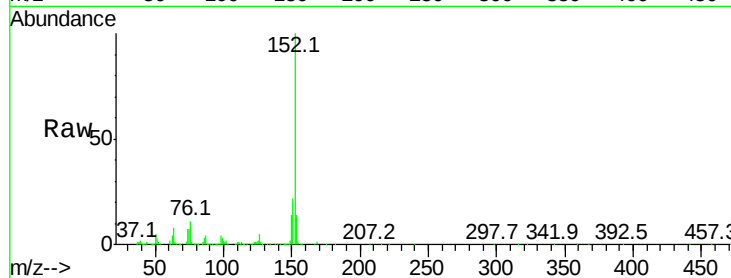
ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

Tot Ion:	152	Resp:	667782
Ion Ratio	Lower	Upper	
152	100		
151	22.0	18.2	27.2
153	14.4	11.3	16.9

Manual Integrations
APPROVED

Sohil
1/10/2017 9:59:48 AM



#49

Dimethylphthalate

Concen: 45.95 ng

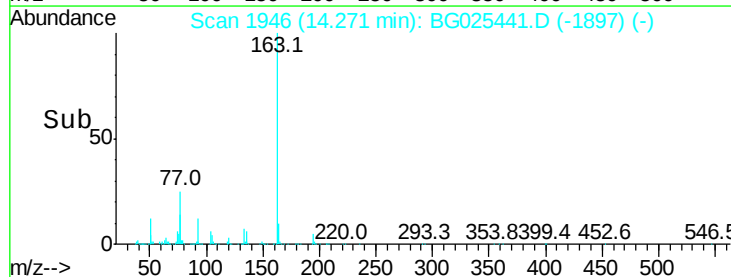
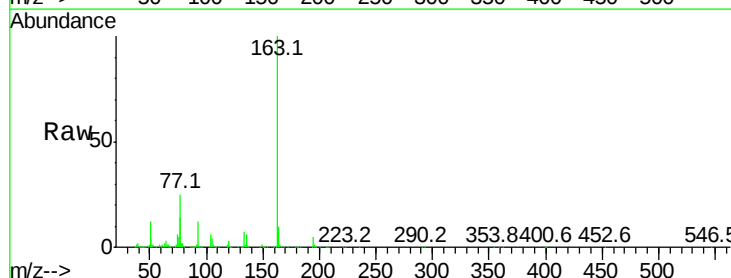
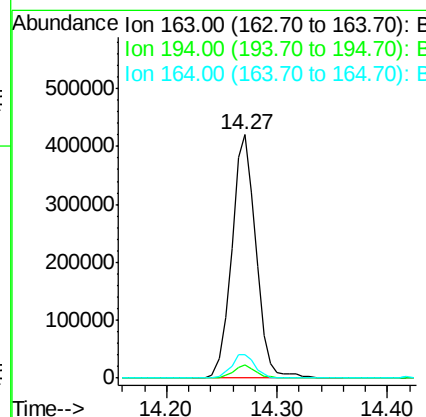
RT: 14.27 min Scan# 1946

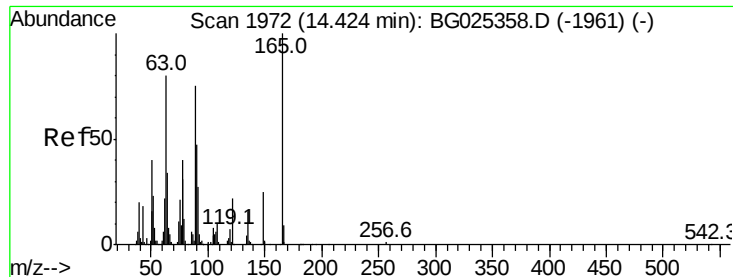
Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Tgt Ion:	163	Resp:	642677
Ion Ratio	Lower	Upper	
163	100		
194	5.4	3.8	5.6
164	9.6	9.3	13.9





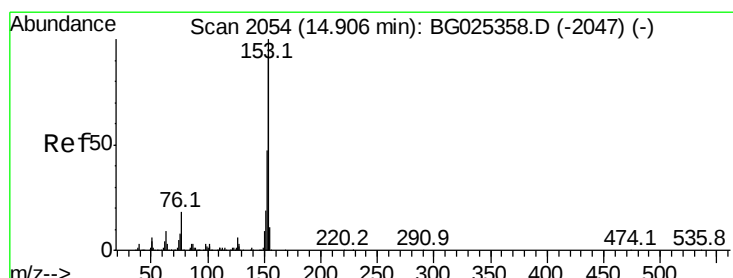
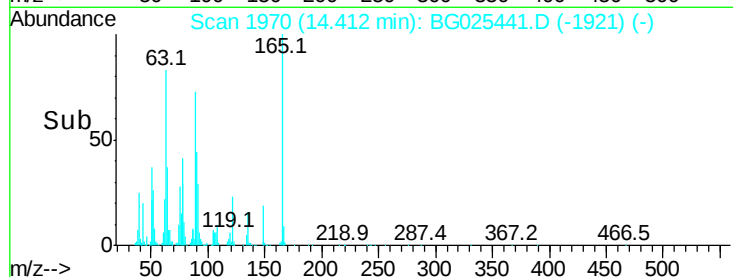
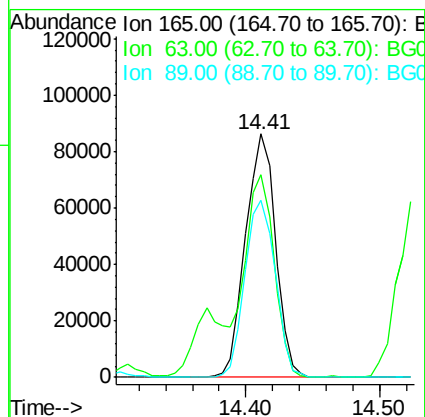
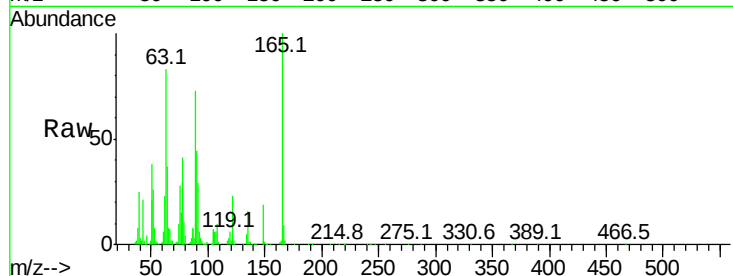
#50
2,6-Dinitrotoluene
Concen: 43.66 ng
RT: 14.41 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	83.4	63.9	95.9
89	72.8	58.6	88.0

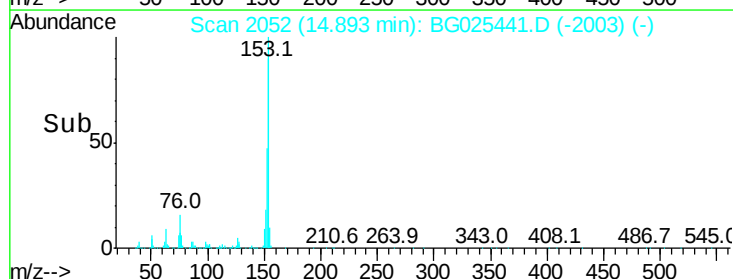
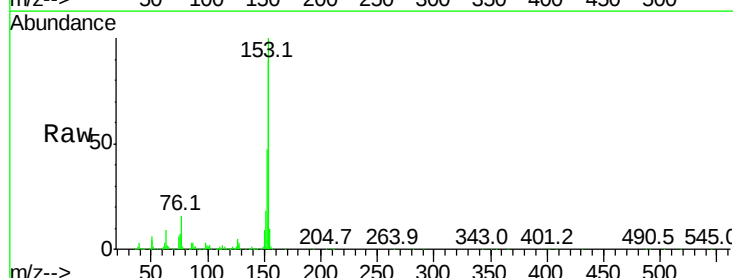
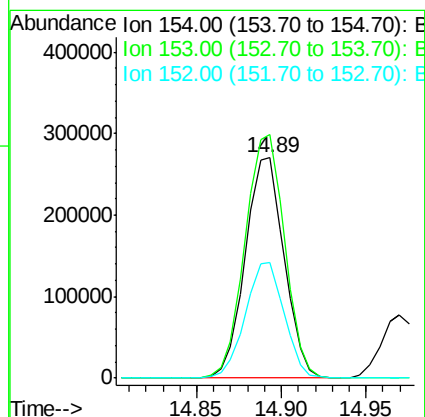
Manual Integrations
APPROVED

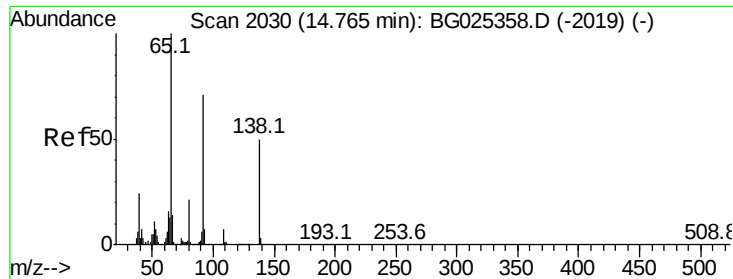
Sohil
1/10/2017 9:59:48 AM



#51
Acenaphthene
Concen: 42.39 ng
RT: 14.89 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.6	87.8	131.6
152	52.4	42.2	63.4





#52

3-Nitroaniline

Concen: 2.44 ng

RT: 14.76 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

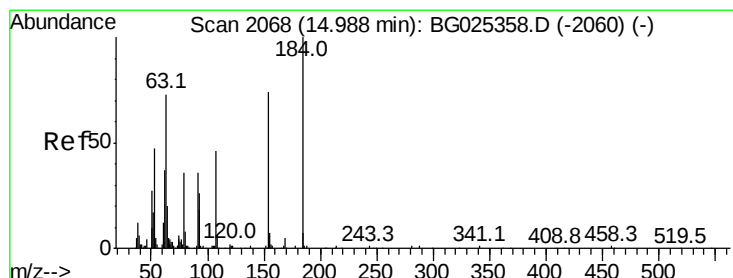
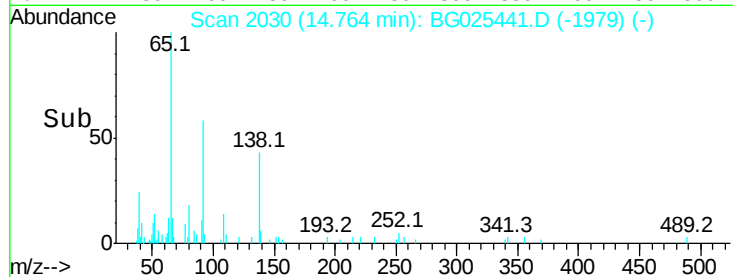
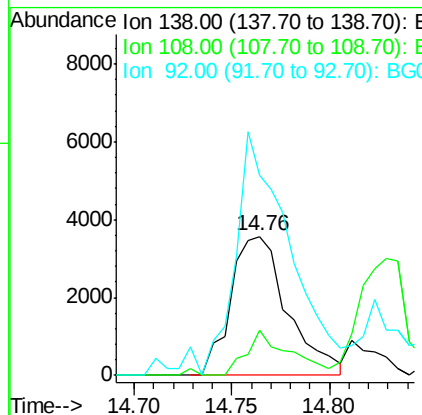
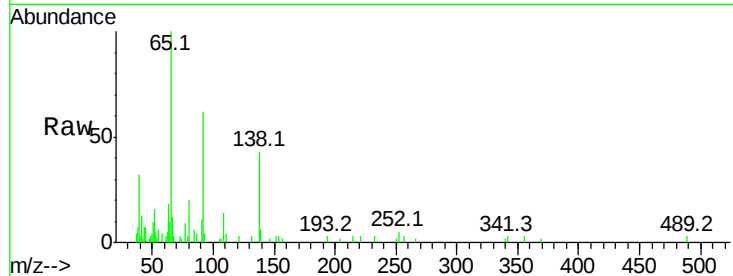
ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	32.7	10.9	16.3#
92	144.3	115.3	172.9

Manual Integrations
APPROVED

Sohil
1/10/2017 9:59:48 AM



#53

2,4-Dinitrophenol

Concen: 87.47 ng

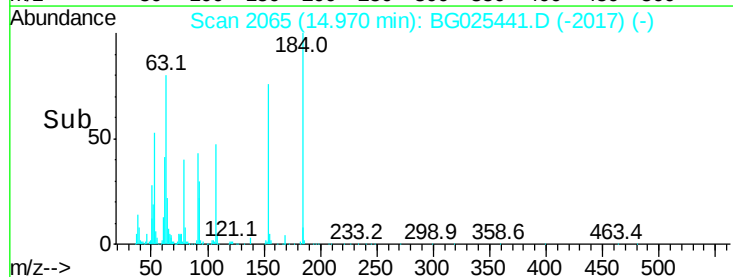
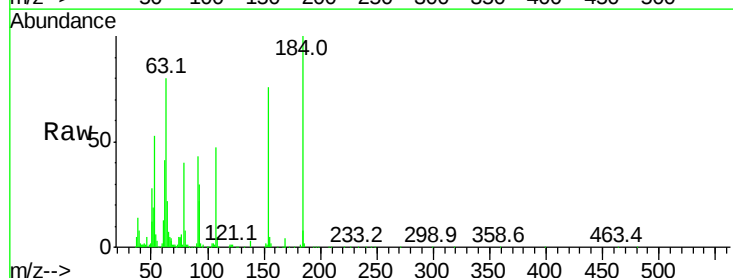
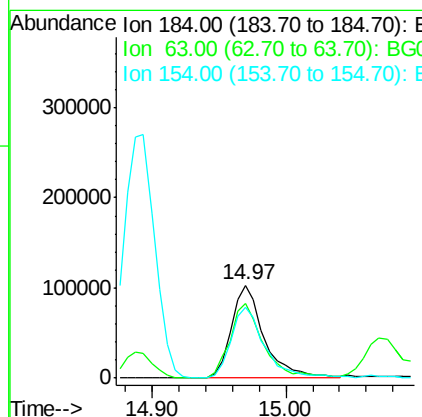
RT: 14.97 min Scan# 2065

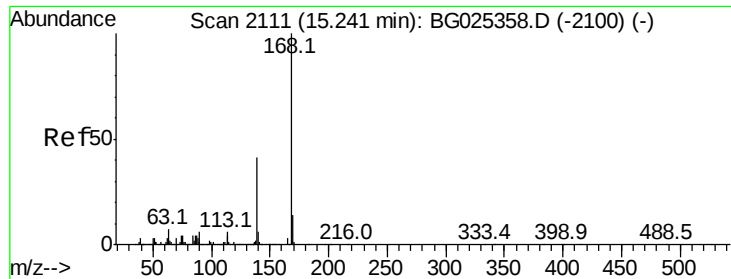
Delta R.T. -0.02 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	79.5	52.7	79.1#
154	75.7	57.3	85.9





#54

Dibenzofuran

Concen: 45.91 ng

RT: 15.22 min Scan# 2108

Delta R.T. -0.02 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

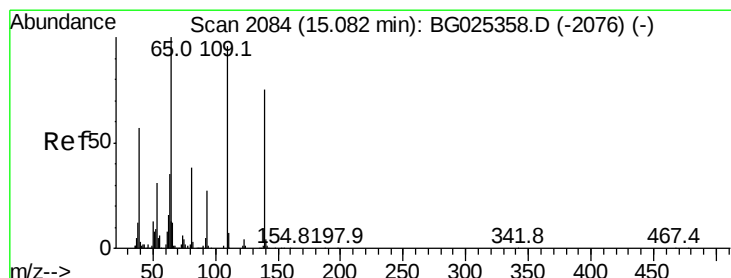
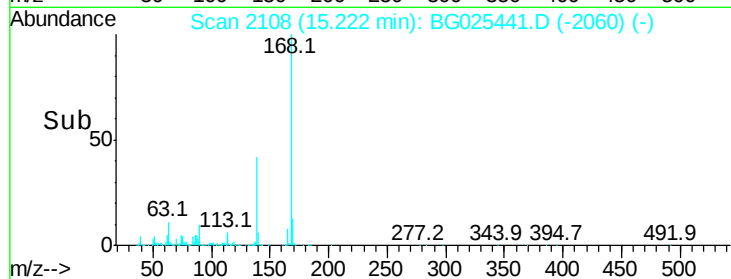
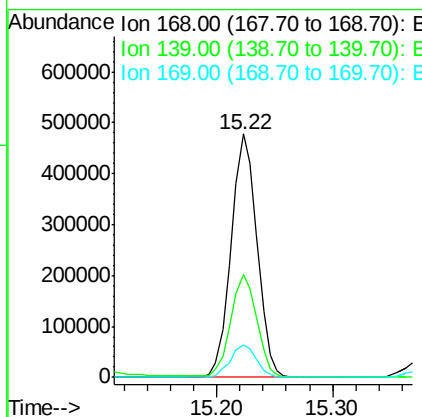
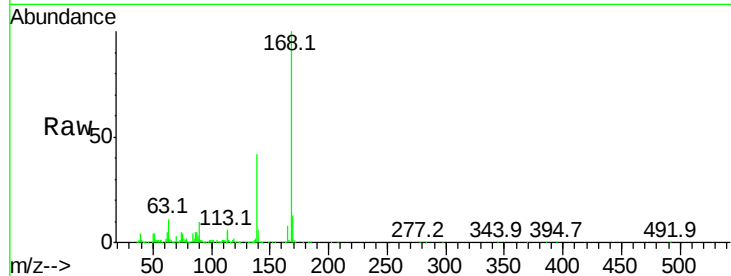
ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.2	35.3	52.9
169	13.4	11.5	17.3

Manual Integrations
APPROVED

Sohil
1/10/2017 9:59:48 AM



#55

4-Nitrophenol

Concen: 82.77 ng

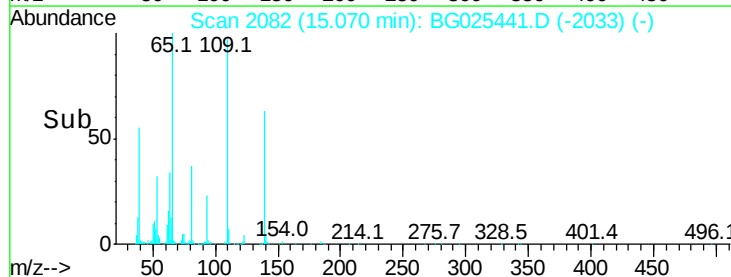
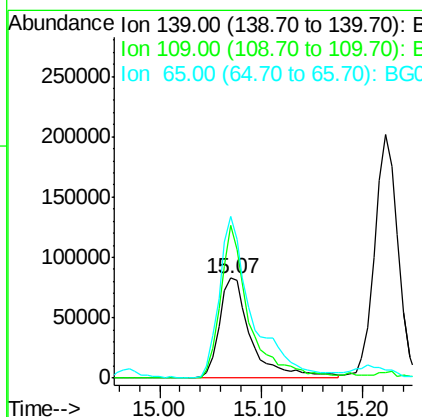
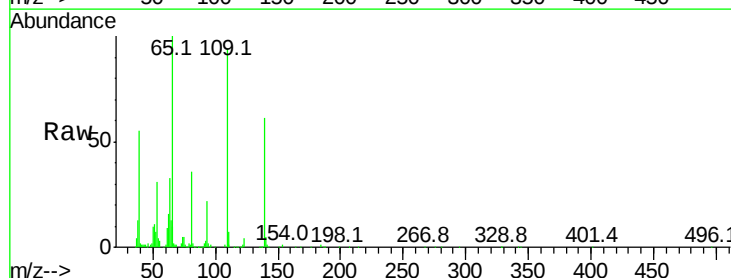
RT: 15.07 min Scan# 2082

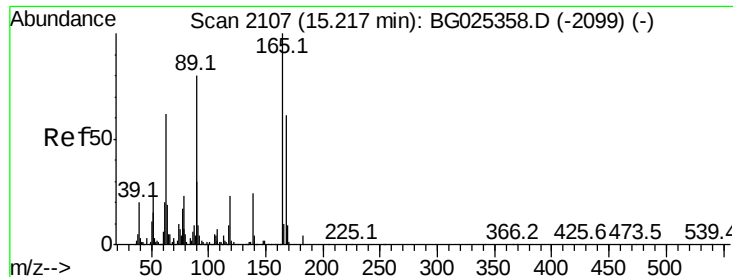
Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	153.8	101.2	141.2#
65	162.7	135.3	175.3





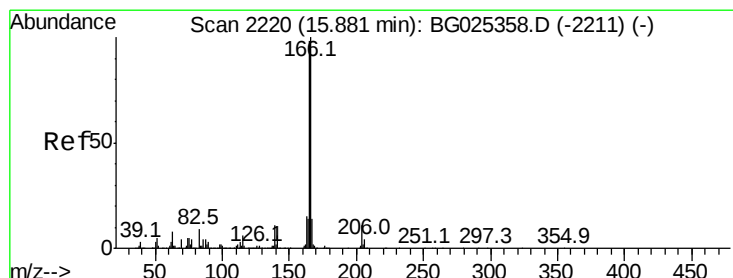
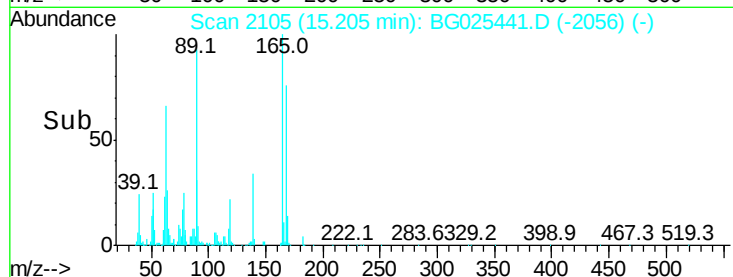
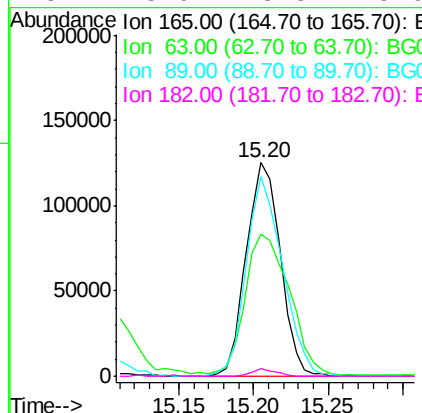
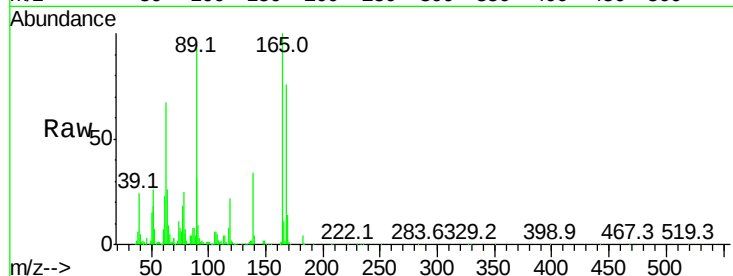
#56
2,4-Dinitrotoluene
Concen: 44.62 ng
RT: 15.20 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	198533		
63	66.7	44.0	66.0#	
89	93.4	67.3	100.9	
182	3.9	3.8	5.6	

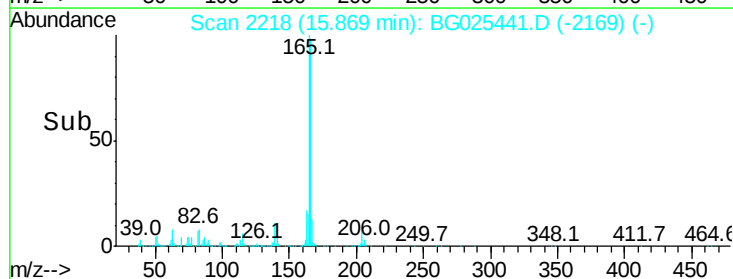
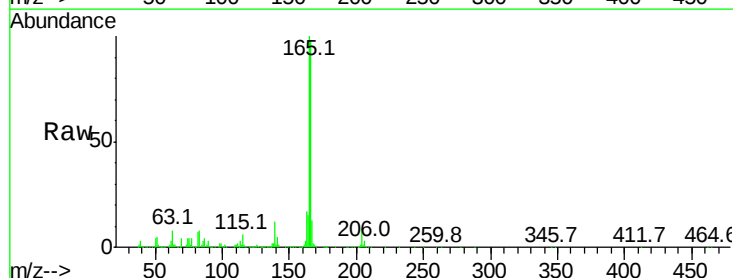
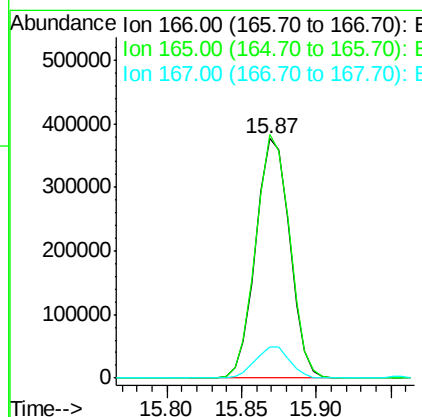
Manual Integrations
APPROVED

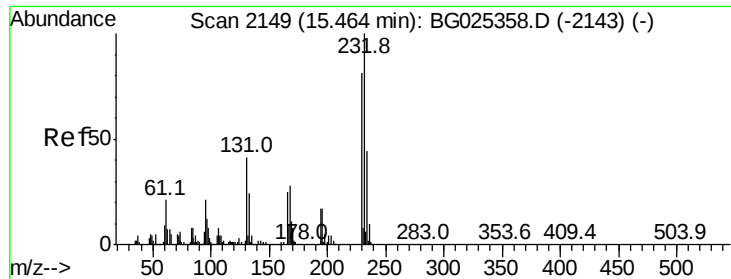
Sohil
1/10/2017 9:59:48 AM



#57
Fluorene
Concen: 43.86 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	593350		
165	101.8	78.6	117.8	
167	13.3	11.6	17.4	





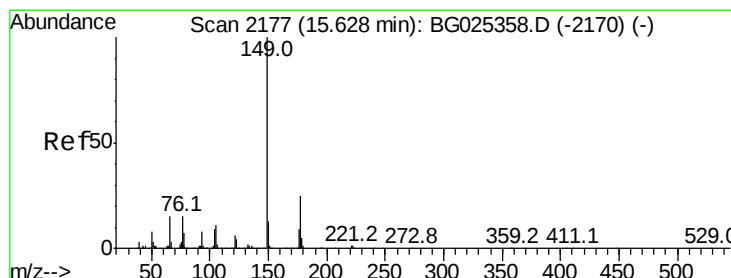
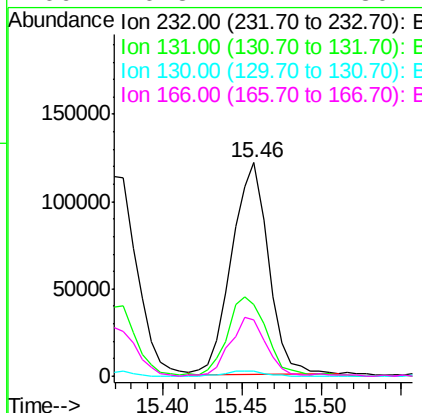
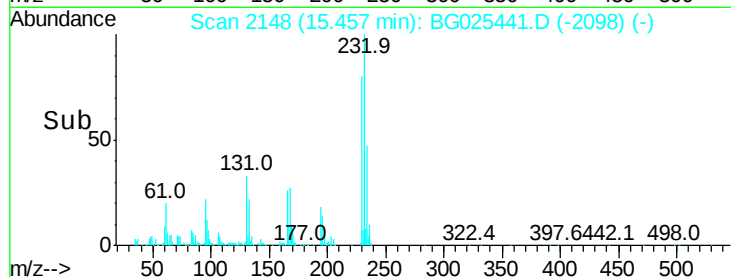
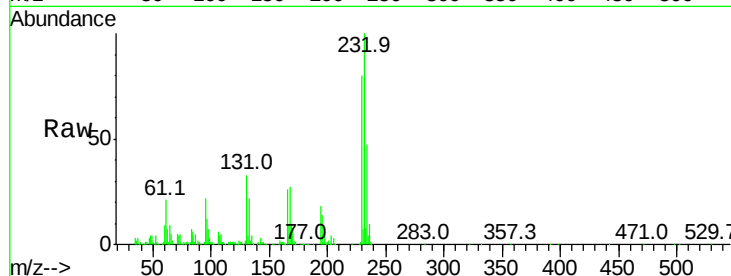
#58
2,3,4,6-Tetrachlorophenol
Concen: 43.82 ng
RT: 15.46 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	195996		
131	40.4		34.9	52.3
130	2.5		2.3	3.5
166	26.8		24.2	36.4

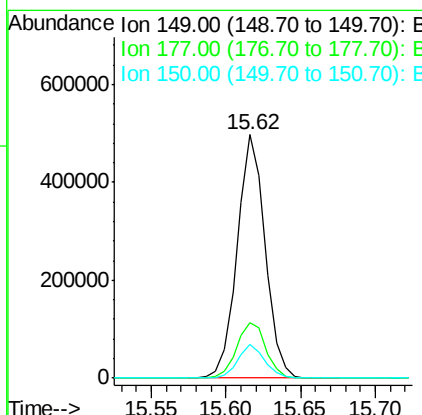
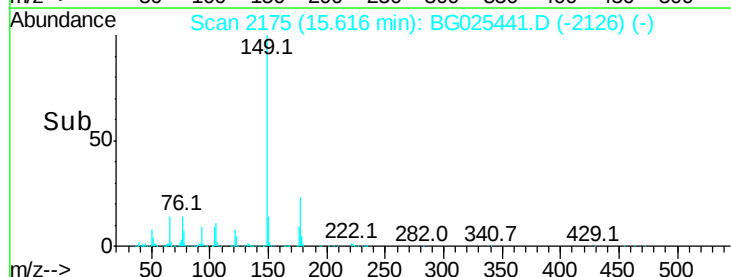
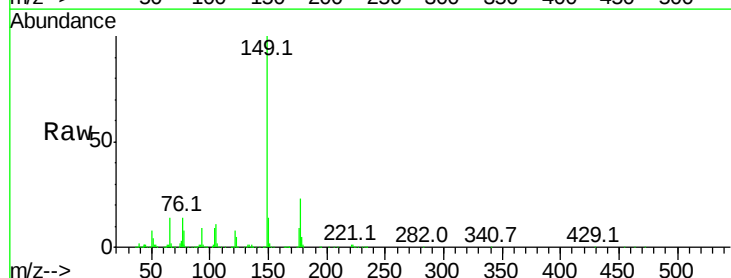
Manual Integrations
APPROVED

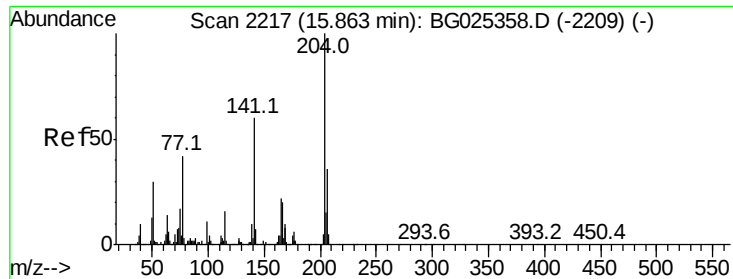
Sohil
1/10/2017 9:59:48 AM



#59
Diethylphthalate
Concen: 44.08 ng
RT: 15.62 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	646645		
177	22.9		20.1	30.1
150	13.7		10.2	15.2





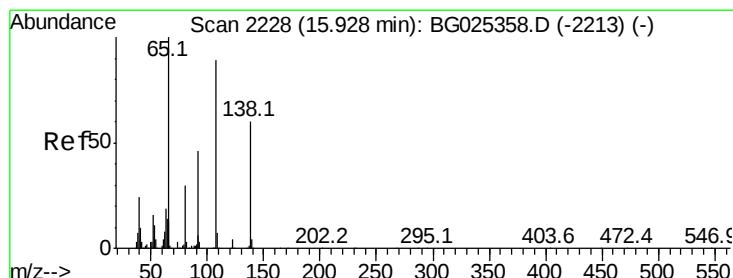
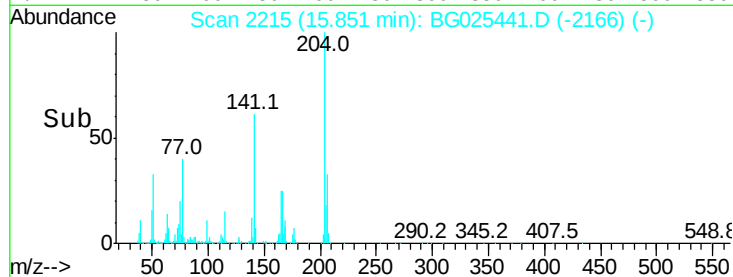
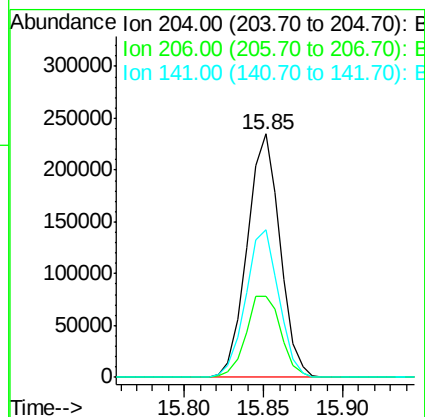
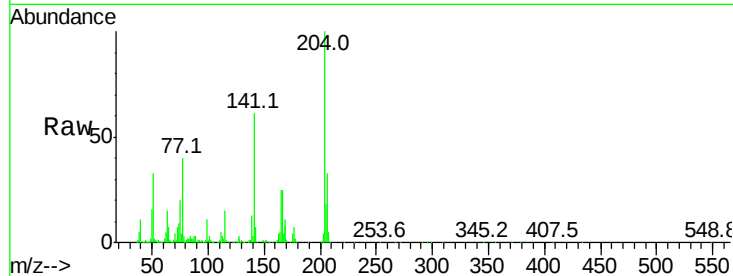
#60
4-Chlorophenyl-phenylether
Concen: 43.96 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	30.1	45.1
141	60.7	50.6	76.0

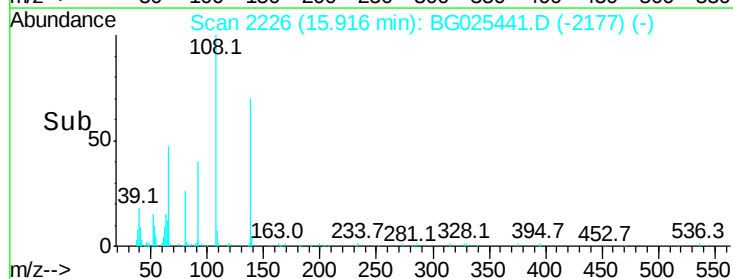
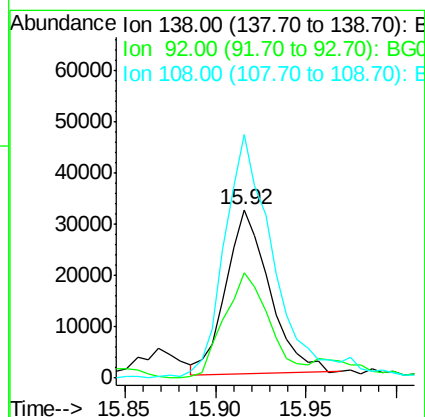
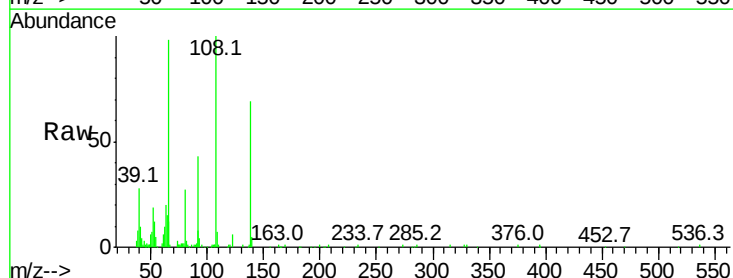
Manual Integrations
APPROVED

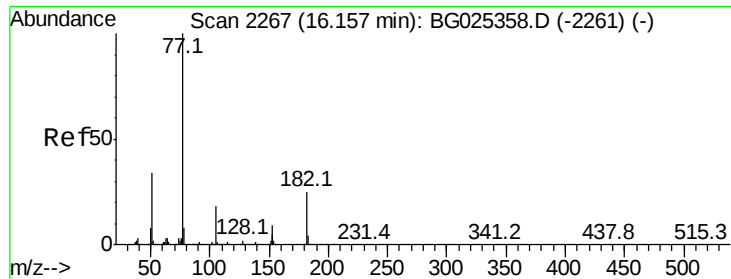
Sohil
1/10/2017 9:59:48 AM



#61
4-Nitroaniline
Concen: 18.26 ng
RT: 15.92 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.2	44.2	84.2
108	144.4	104.8	144.8





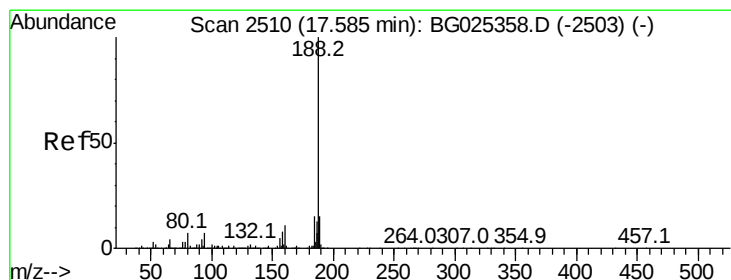
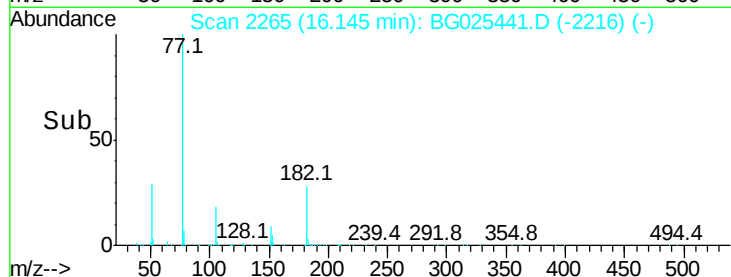
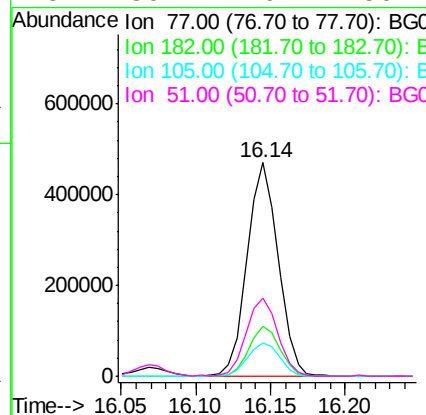
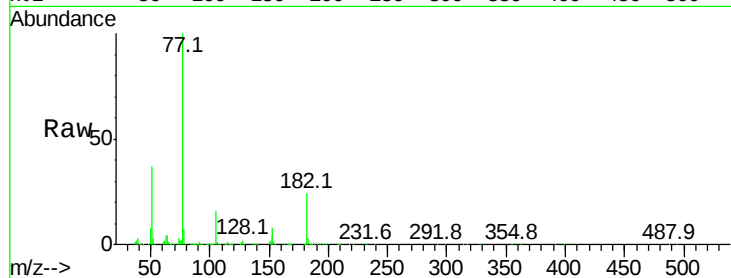
#62
Azobenzene
Concen: 47.53 ng
RT: 16.14 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.5	4.7	44.7
105	15.8	0.0	36.3
51	36.7	16.4	56.4

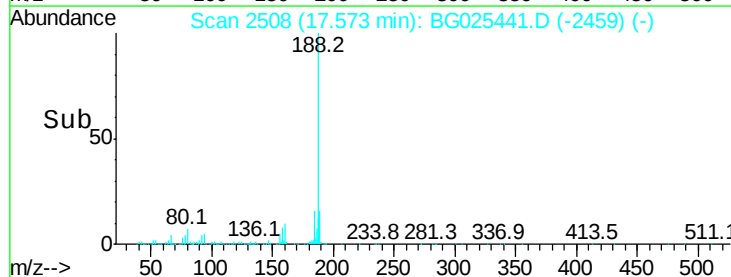
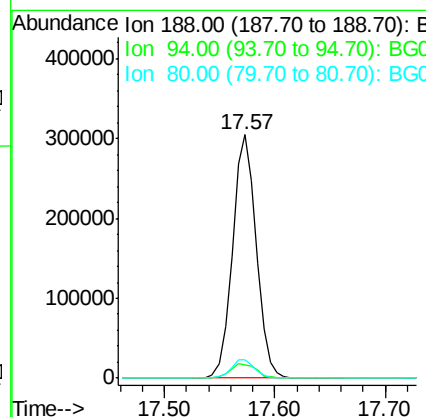
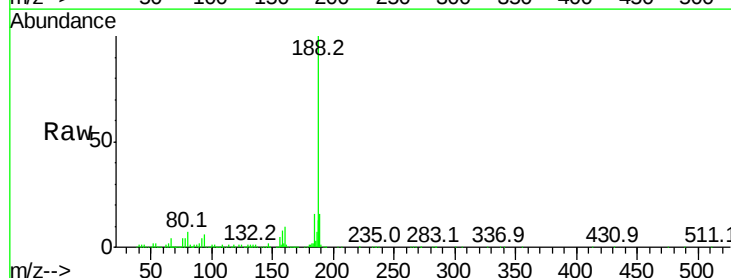
Manual Integrations
APPROVED

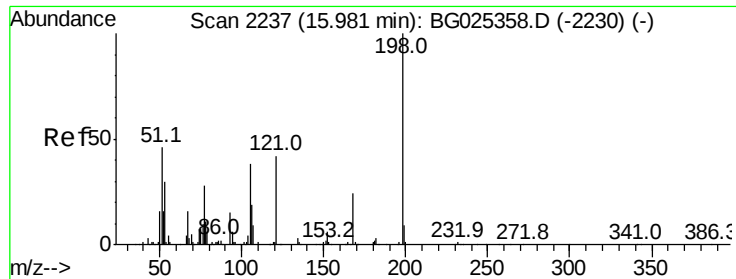
Sohil
1/10/2017 9:59:48 AM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.8	8.8#
80	7.3	7.5	11.3#





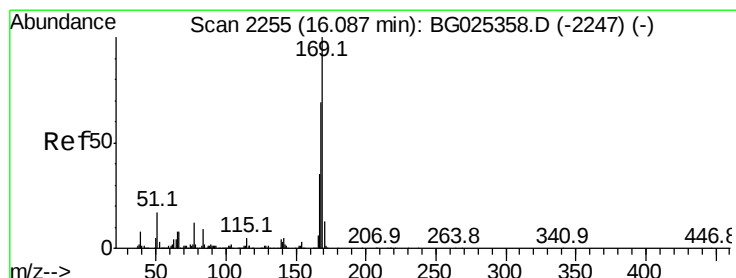
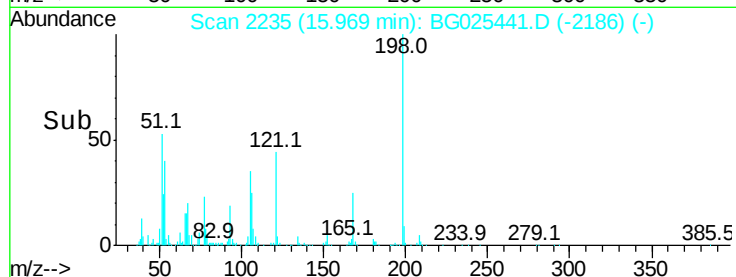
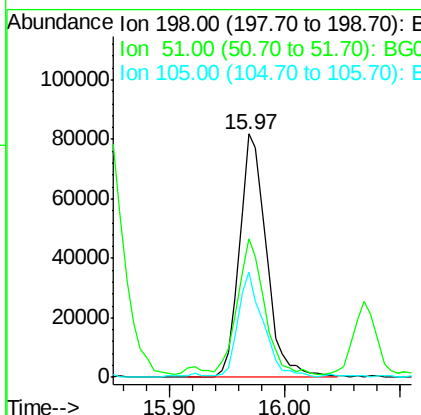
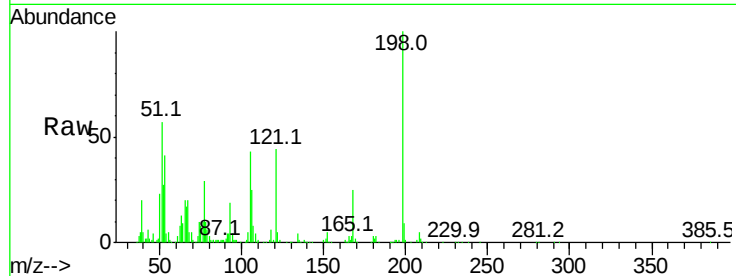
#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.86 ng
 RT: 15.97 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BG025441.D
 Acq: 9 Jan 2017 22:08

Instrument :
 BNA_G
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	132704		
51	57.2		22.6	62.6
105	43.4		14.4	54.4

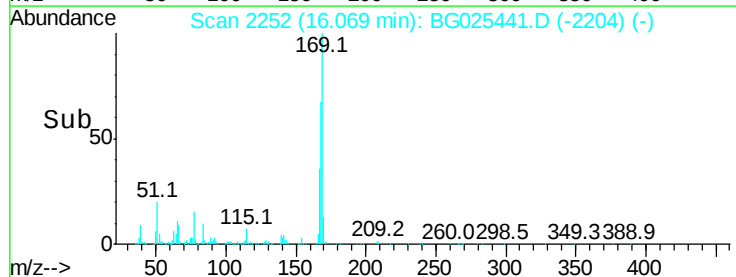
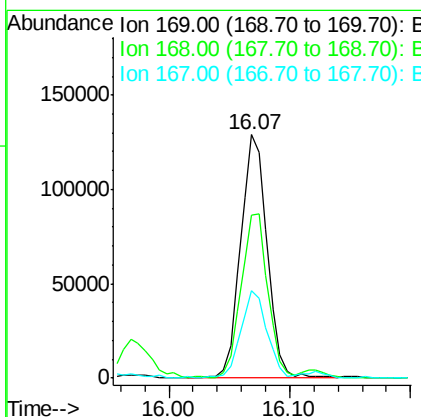
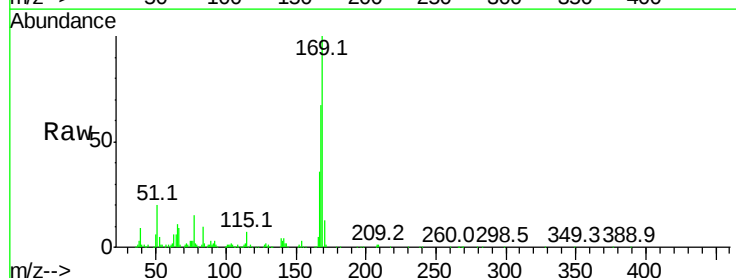
Manual Integrations
 APPROVED

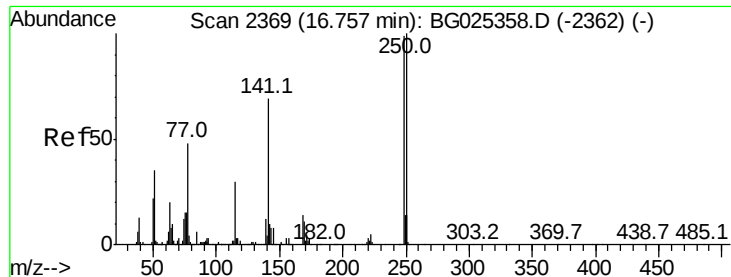
Sohil
 1/10/2017 9:59:48 AM



#65
 n-Nitrosodiphenylamine
 Concen: 16.01 ng
 RT: 16.07 min Scan# 2252
 Delta R.T. -0.02 min
 Lab File: BG025441.D
 Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	198024		
168	66.9		55.7	83.5
167	35.8		29.8	44.6





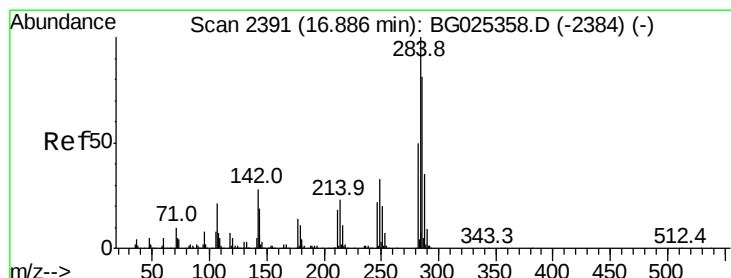
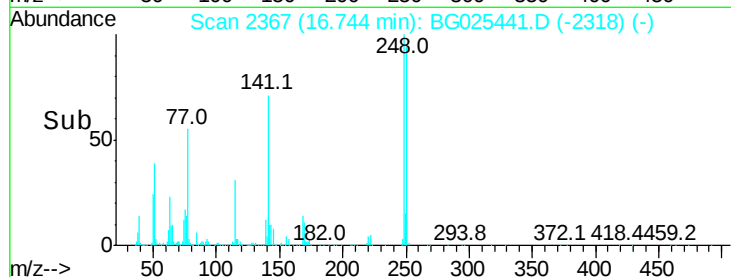
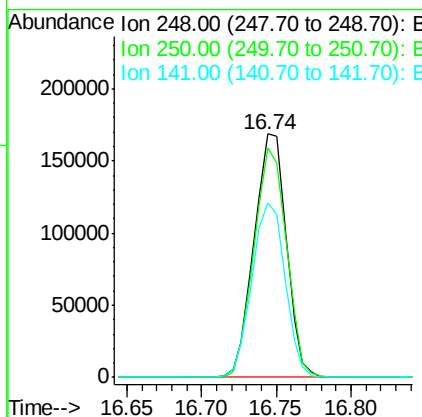
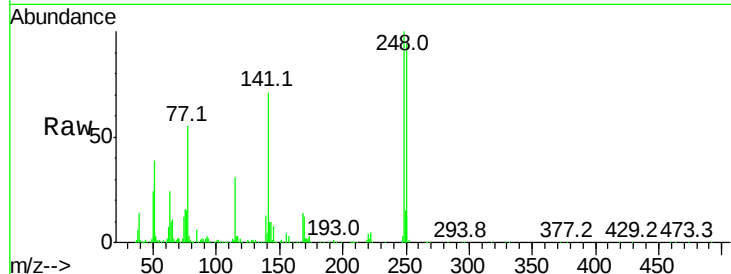
#66
 4-Bromophenyl-phenylether
 Concen: 44.56 ng
 RT: 16.74 min Scan# 2367
 Delta R.T. -0.01 min
 Lab File: BG025441.D
 Acq: 9 Jan 2017 22:08

Instrument :
 BNA_G
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.3	75.0	112.6
141	71.4	55.2	82.8

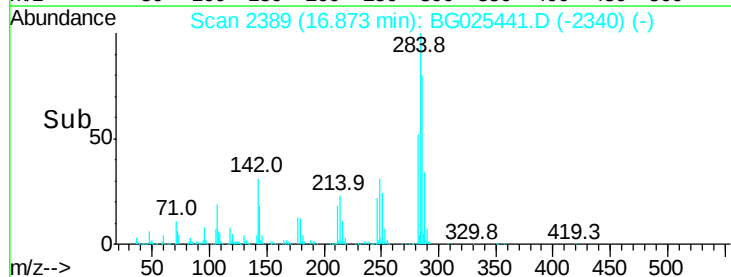
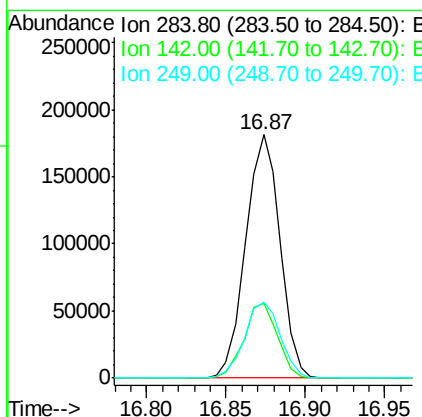
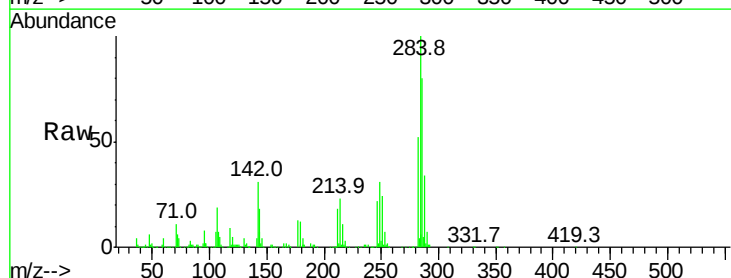
Manual Integrations
 APPROVED

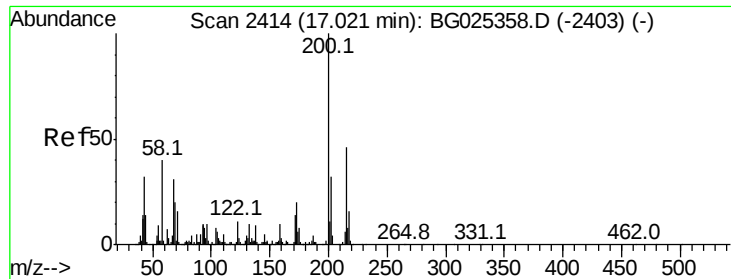
Sohil
 1/10/2017 9:59:48 AM



#67
 Hexachlorobenzene
 Concen: 42.03 ng
 RT: 16.87 min Scan# 2389
 Delta R.T. -0.01 min
 Lab File: BG025441.D
 Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	29.9	44.9
249	31.1	29.2	43.8





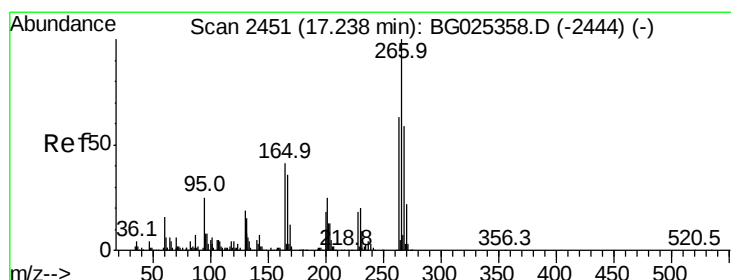
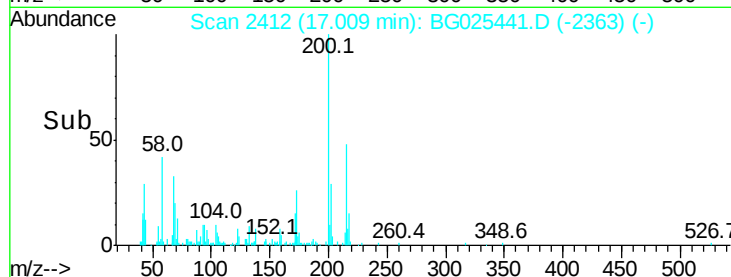
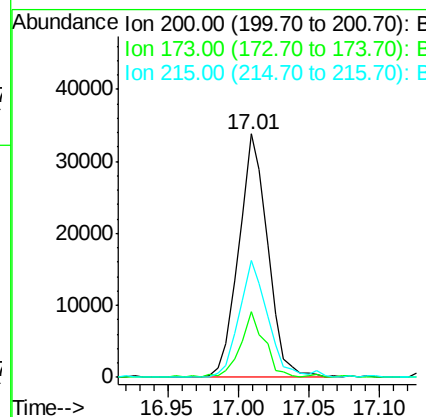
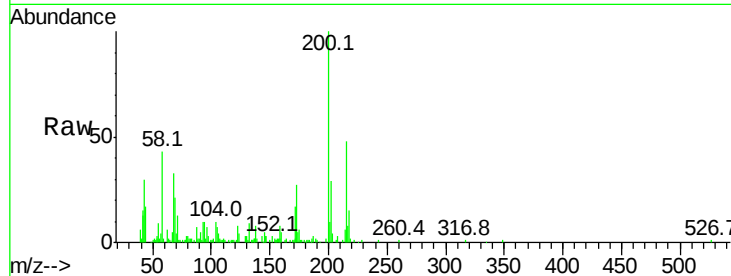
#68
Atrazine
Concen: 8.95 ng
RT: 17.01 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	3.0	43.0
215	47.8	28.4	68.4

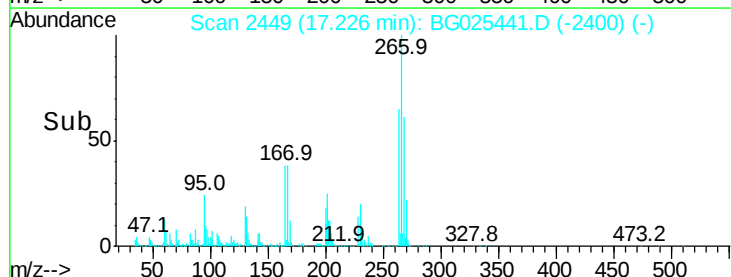
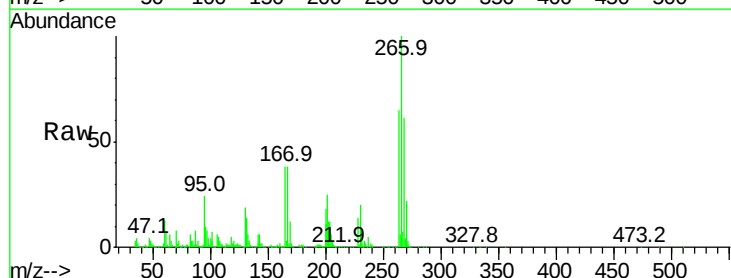
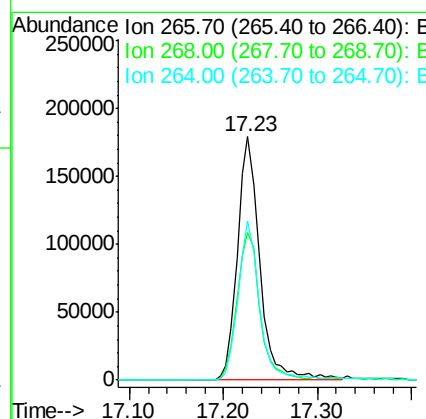
Manual Integrations
APPROVED

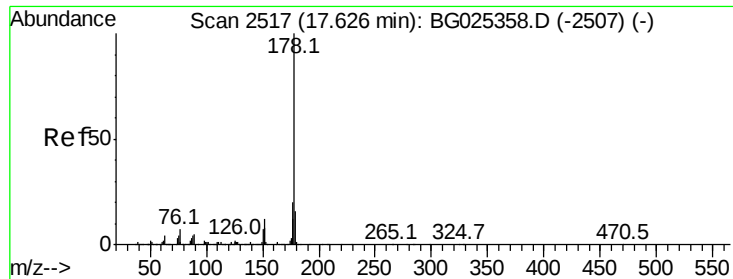
Sohil
1/10/2017 9:59:48 AM



#69
Pentachlorophenol
Concen: 88.53 ng
RT: 17.23 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.7	48.6	72.8
264	65.3	50.1	75.1





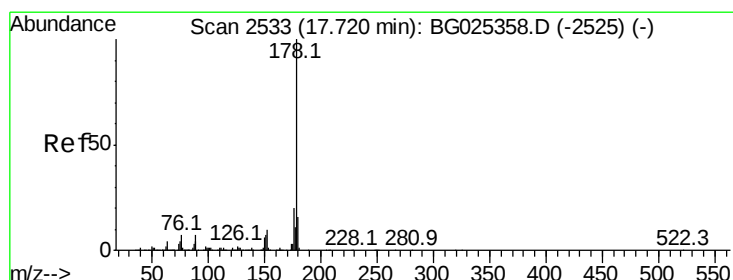
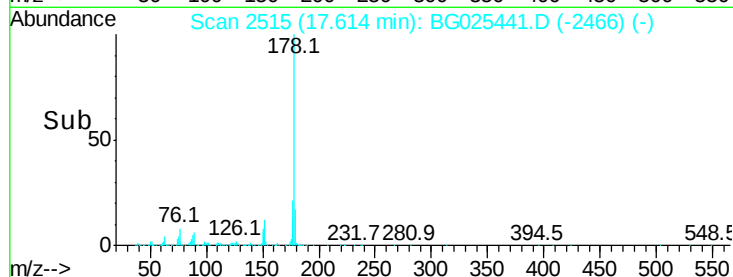
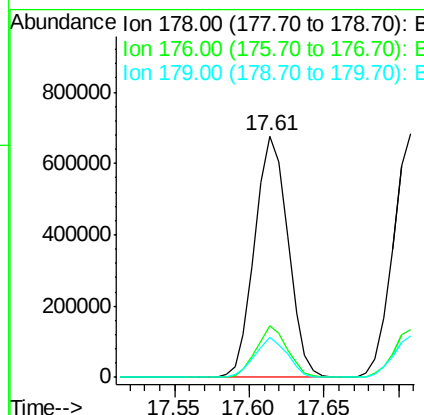
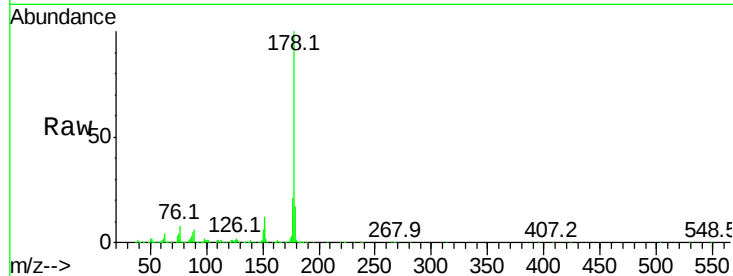
#70
Phenanthrene
Concen: 44.21 ng
RT: 17.61 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion:178 Resp: 1042689
Ion Ratio Lower Upper
178 100
176 21.5 17.7 26.5
179 16.8 15.0 22.6

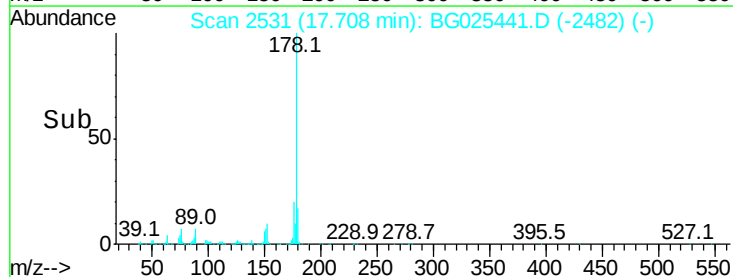
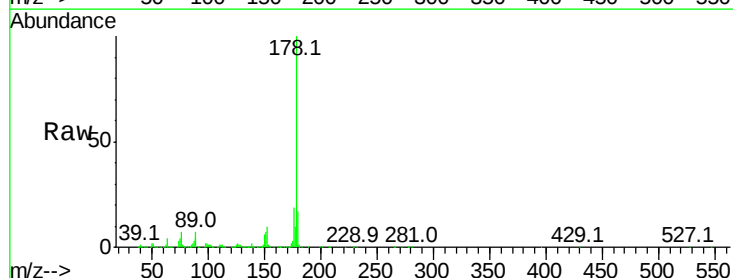
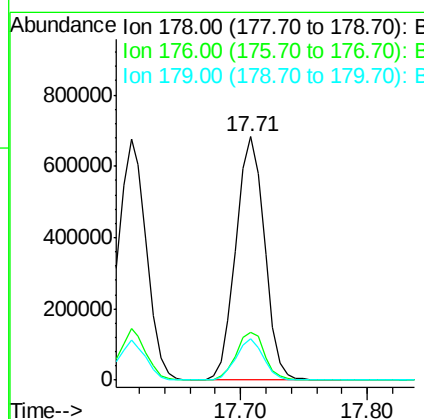
Manual Integrations
APPROVED

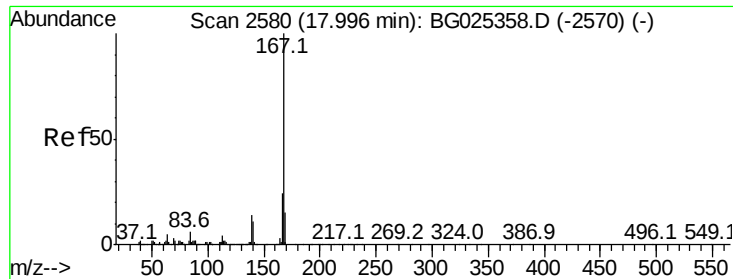
Sohil
1/10/2017 9:59:48 AM



#71
Anthracene
Concen: 44.48 ng
RT: 17.71 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion:178 Resp: 1066096
Ion Ratio Lower Upper
178 100
176 19.5 16.4 24.6
179 17.2 13.8 20.8





#72

Carbazole

Concen: 17.01 ng

RT: 17.98 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

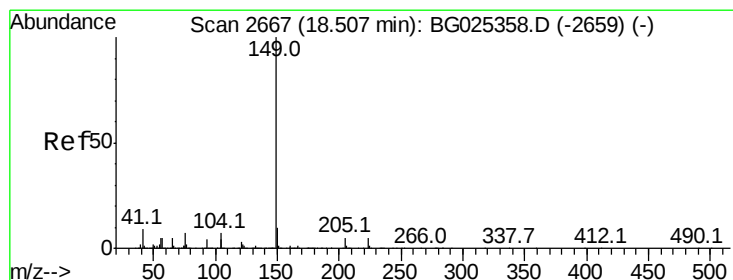
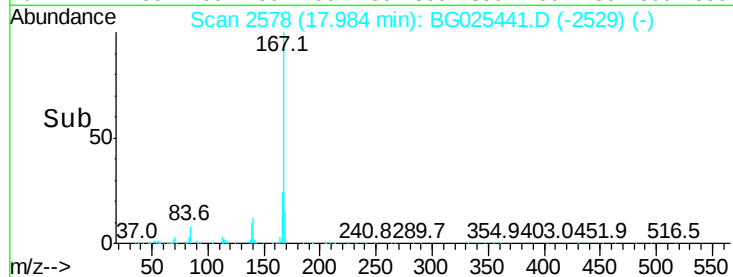
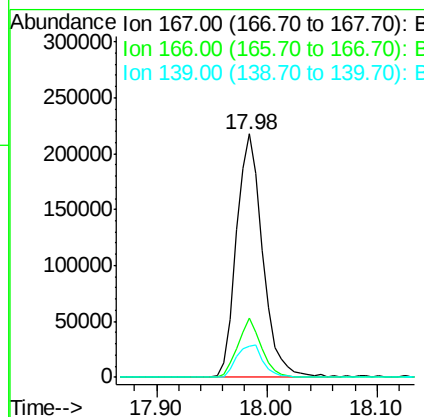
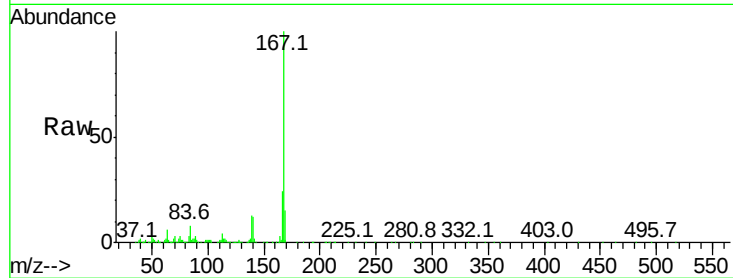
ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

Tot Ion:	167	Resp:	364626
Ion Ratio	Lower	Upper	
167	100		
166	24.3	20.2	30.2
139	12.8	12.8	19.2#

Manual Integrations
APPROVED

Sohil
1/10/2017 9:59:48 AM



#73

Di-n-butylphthalate

Concen: 43.76 ng

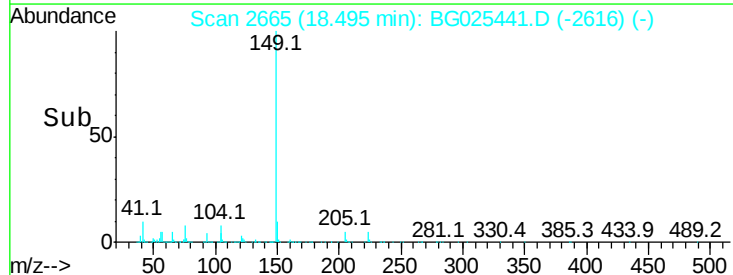
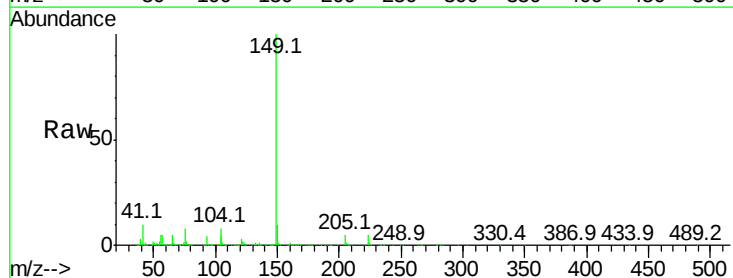
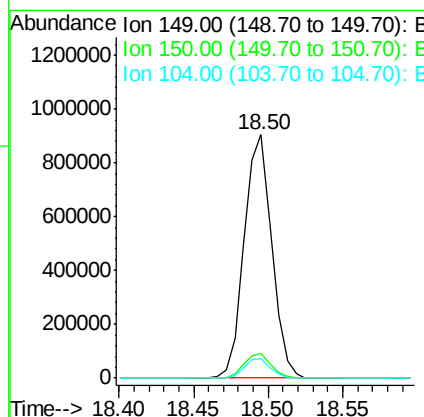
RT: 18.50 min Scan# 2665

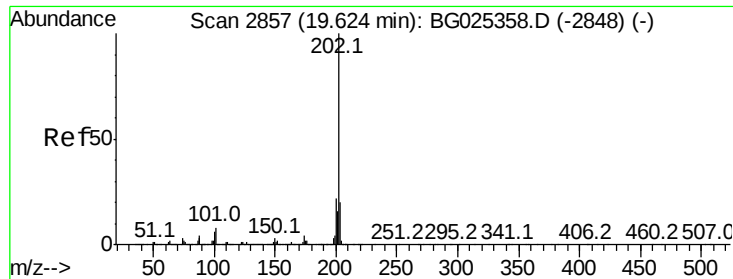
Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Tgt Ion:	149	Resp:	1154133
Ion Ratio	Lower	Upper	
149	100		
150	10.0	9.1	13.7
104	7.9	6.7	10.1





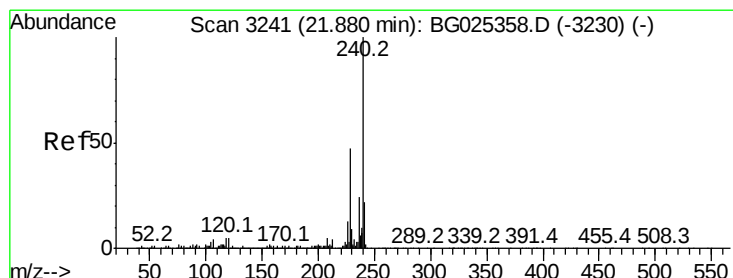
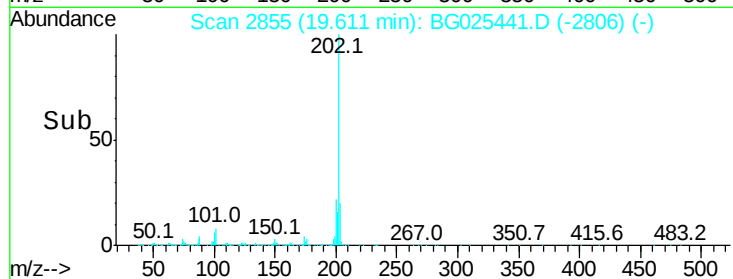
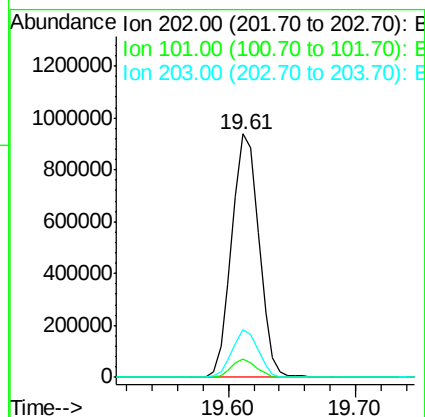
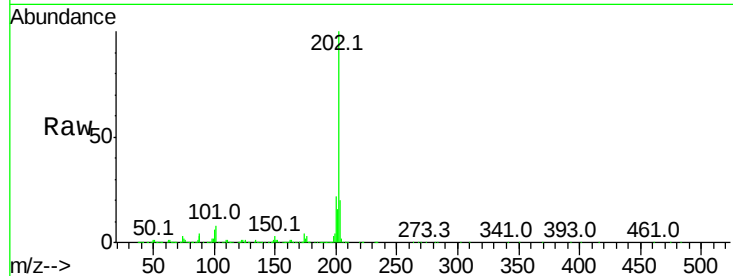
#74
 Fluoranthene
 Concen: 44.60 ng
 RT: 19.61 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BG025441.D
 Acq: 9 Jan 2017 22:08

Instrument :
 BNA_G
 ClientSampleId :
 L-SWITCH-SP-0-2-COMPMS

Tot Ion:	202	Resp:	1389464
Ion Ratio	Lower	Upper	
202	100		
101	7.5	0.0	30.1
203	19.5	1.3	41.3

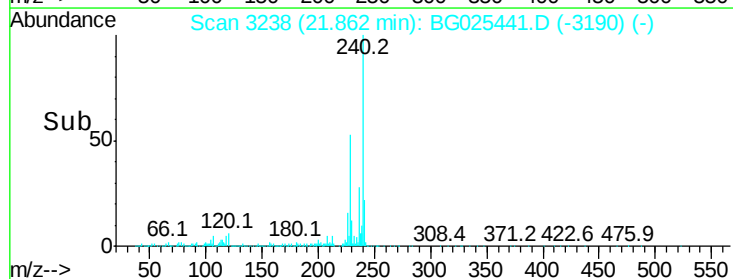
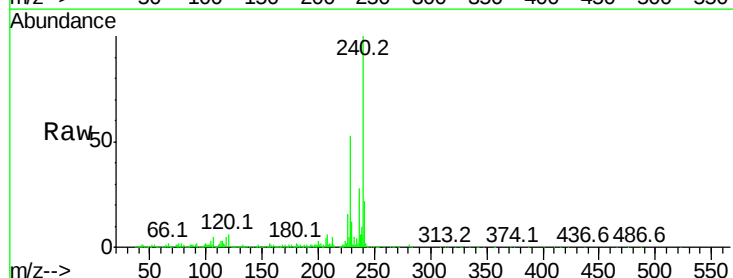
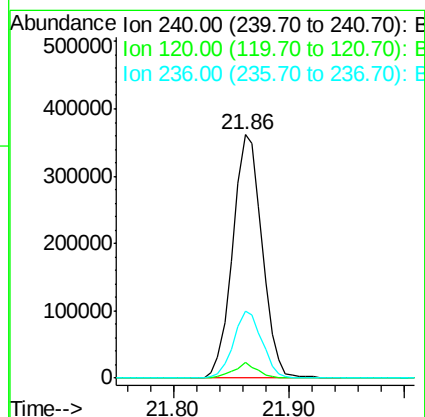
Manual Integrations
 APPROVED

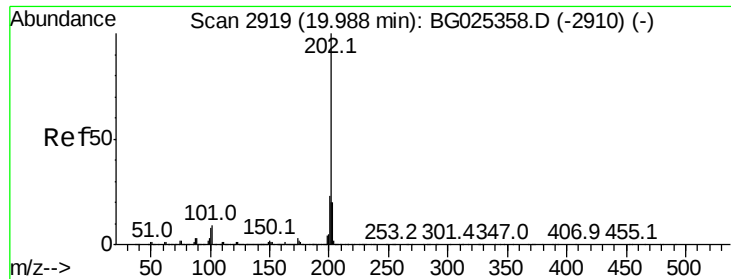
Sohil
 1/10/2017 9:59:48 AM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.86 min Scan# 3238
 Delta R.T. -0.02 min
 Lab File: BG025441.D
 Acq: 9 Jan 2017 22:08

Tgt Ion:	240	Resp:	637199
Ion Ratio	Lower	Upper	
240	100		
120	6.4	5.7	8.5
236	27.7	22.2	33.4





#77

Pvrene

Concen: 42.65 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

Tot Ion:202 Resp: 1420193

Ion Ratio Lower Upper

202 100

200 21.7 19.6 29.4

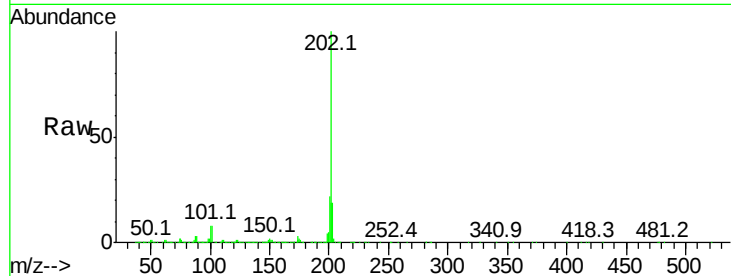
203 18.7 15.8 23.8

Manual Integrations

APPROVED

Sohil

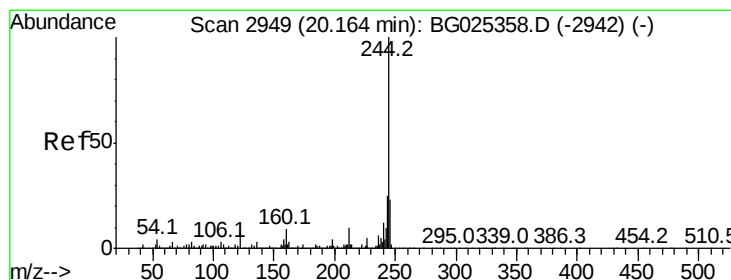
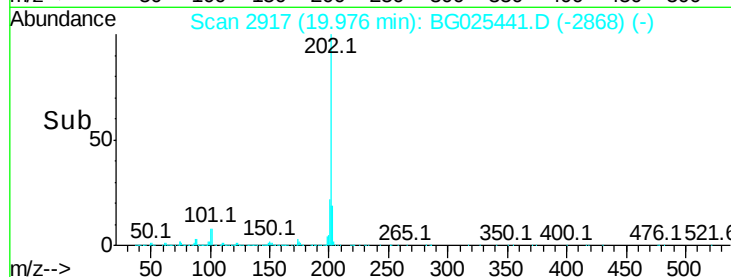
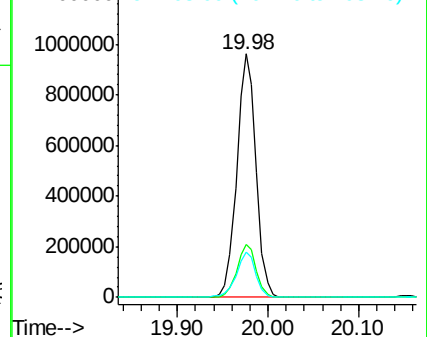
1/10/2017 9:59:48 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 90.54 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

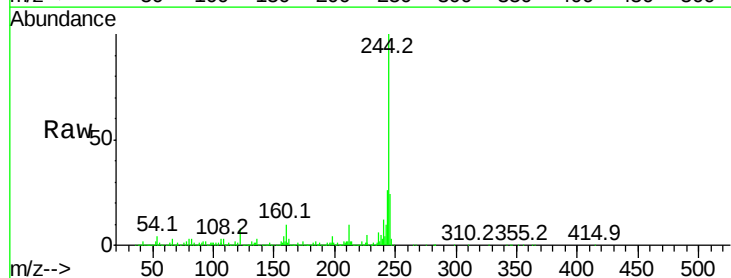
Tgt Ion:244 Resp: 2175996

Ion Ratio Lower Upper

244 100

212 10.5 10.0 15.0

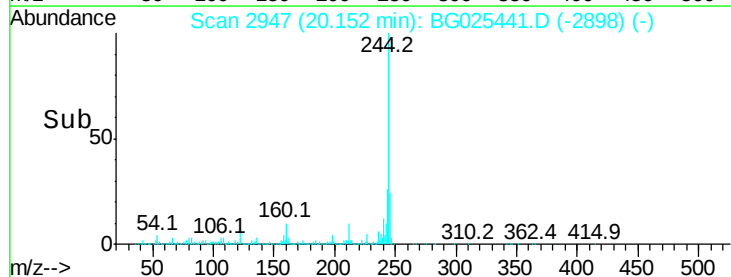
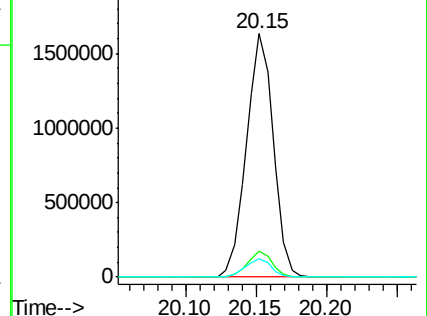
122 7.7 8.6 12.8#

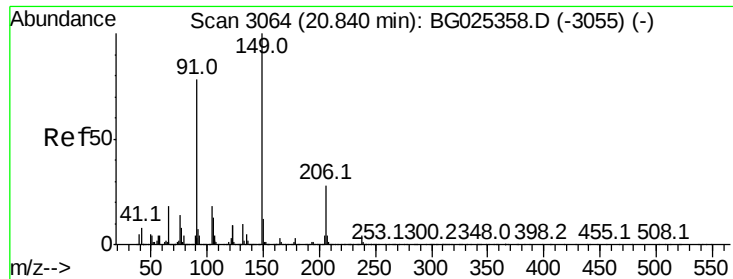


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





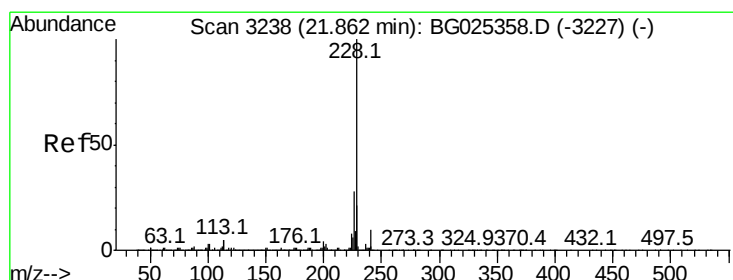
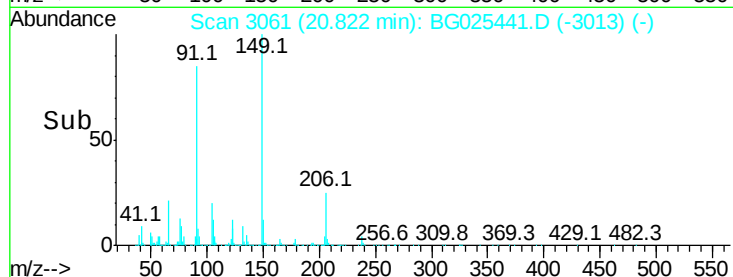
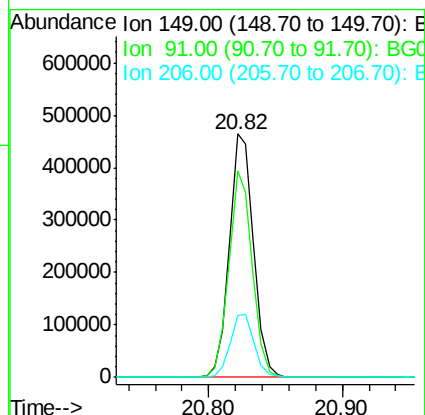
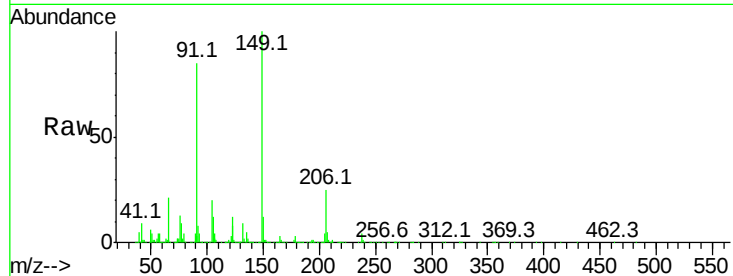
#79
Butylbenzylphthalate
Concen: 44.17 ng
RT: 20.82 min Scan# 3061
Delta R.T. -0.02 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	84.8	63.5	95.3
206	25.4	21.0	31.6

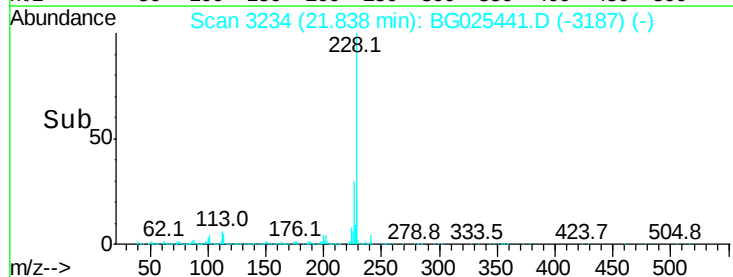
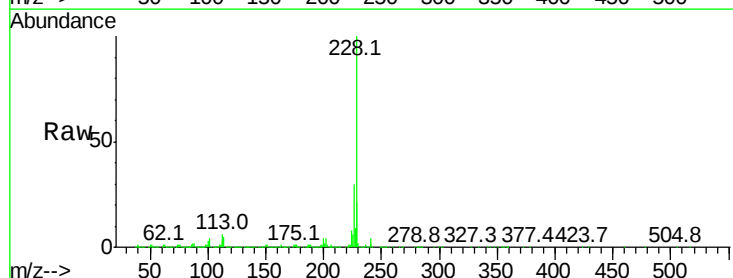
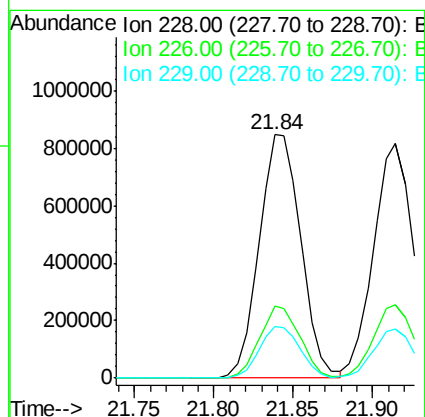
Manual Integrations
APPROVED

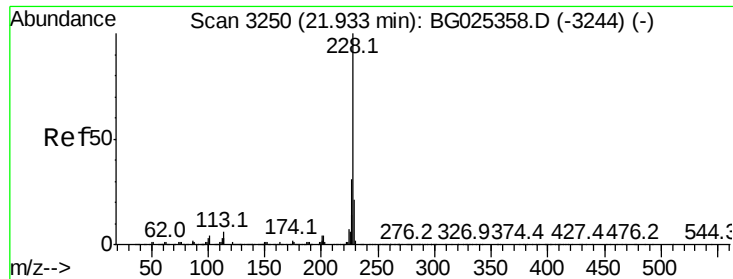
Sohil
1/10/2017 9:59:48 AM



#80
Benzo(a)anthracene
Concen: 43.34 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.02 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	21.1	18.2	27.2





#82

Chrysene

Concen: 41.81 ng

RT: 21.91 min Scan# 3247

Delta R.T. -0.02 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

Tot Ion:228 Resp: 1425078

Ion Ratio Lower Upper

228 100

226 31.4 27.0 40.4

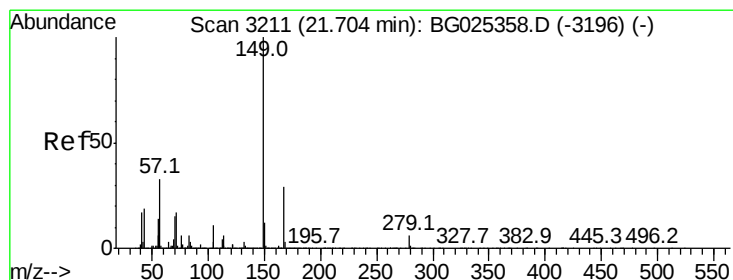
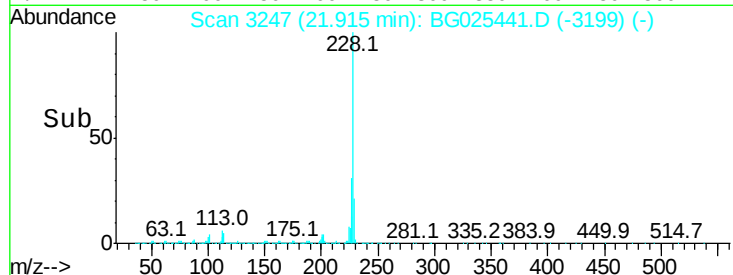
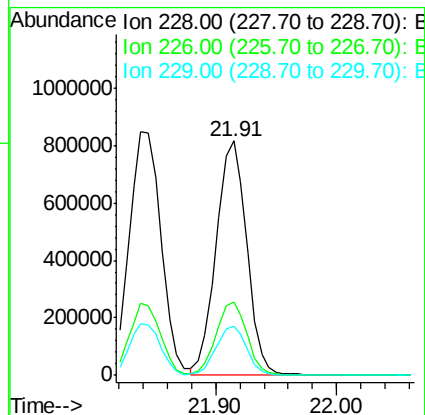
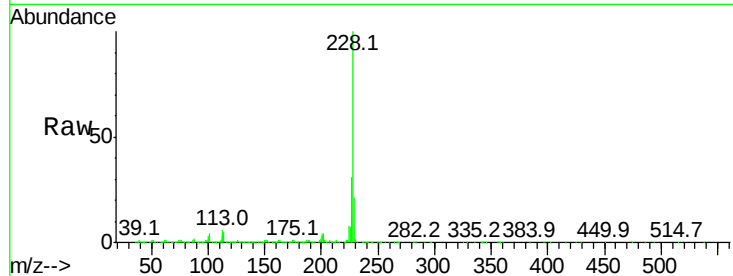
229 21.2 17.8 26.6

Manual Integrations

APPROVED

Sohil

1/10/2017 9:59:48 AM



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.17 ng

RT: 21.69 min Scan# 3208

Delta R.T. -0.02 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

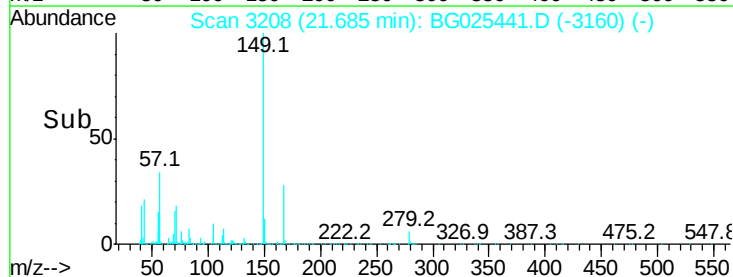
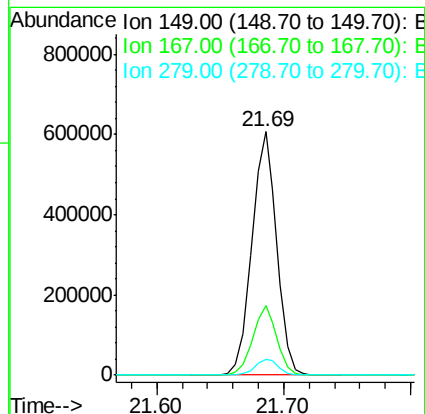
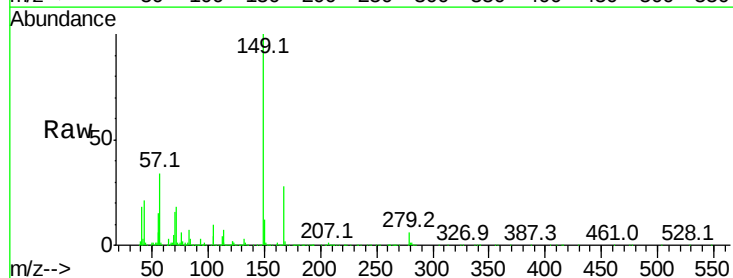
Tgt Ion:149 Resp: 821987

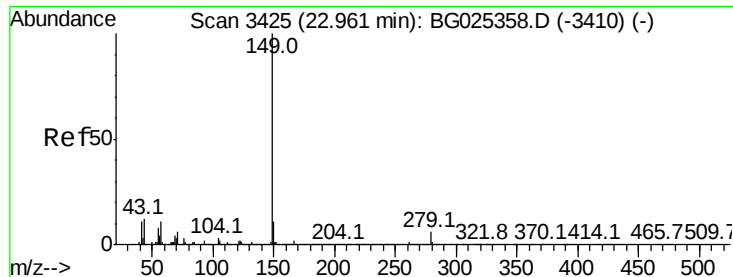
Ion Ratio Lower Upper

149 100

167 28.4 23.7 35.5

279 6.4 4.6 6.8





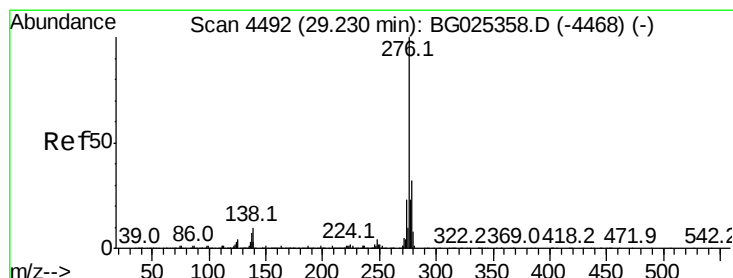
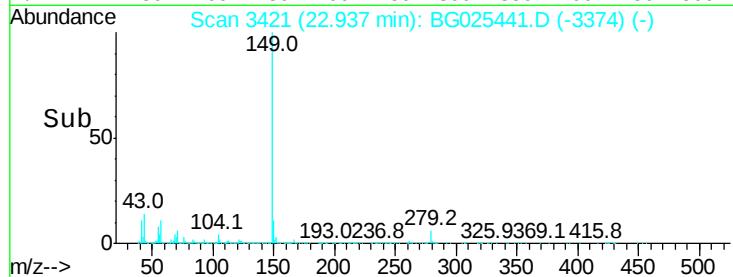
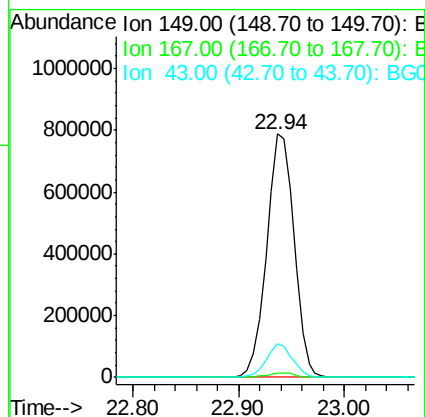
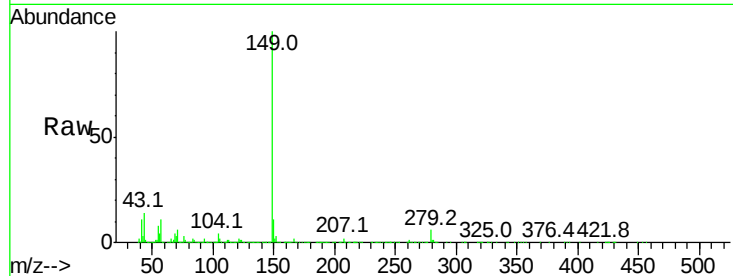
#84
Di-n-octyl phthalate
Concen: 45.79 ng
RT: 22.94 min Scan# 3421
Delta R.T. -0.02 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	13.1	11.8	17.6

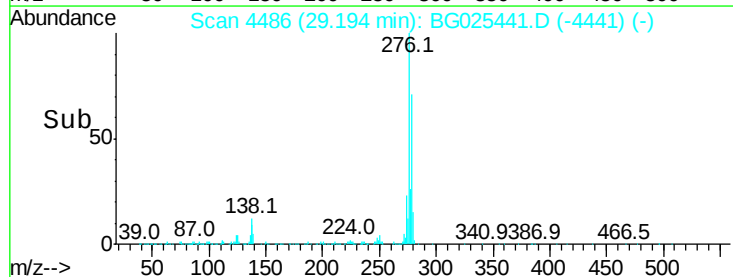
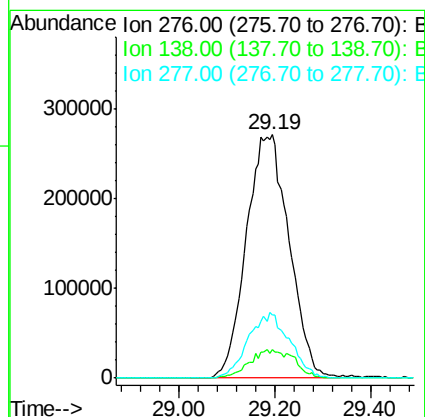
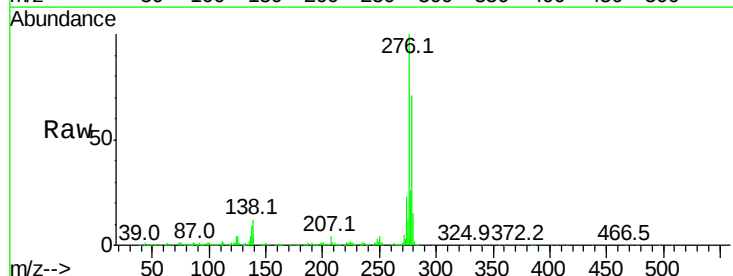
Manual Integrations
APPROVED

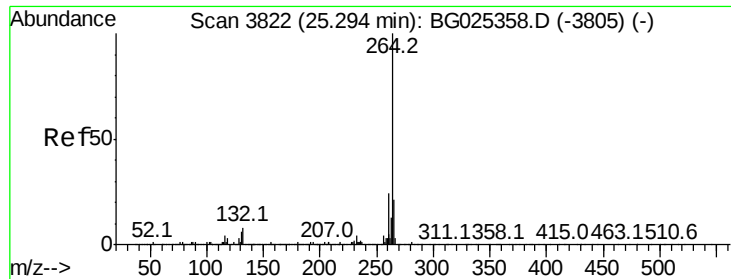
Sohil
1/10/2017 9:59:48 AM



#85
Indeno(1,2,3-cd)pyrene
Concen: 38.82 ng
RT: 29.19 min Scan# 4486
Delta R.T. -0.04 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.7	4.7	7.1
277	25.9	20.6	31.0





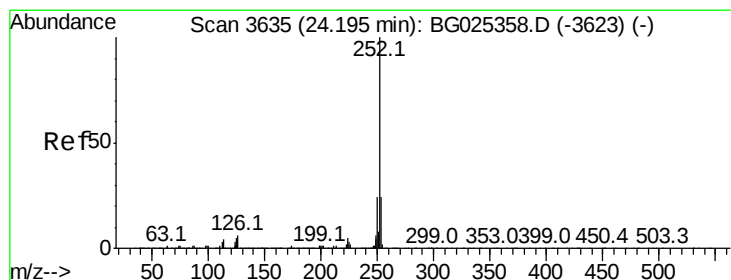
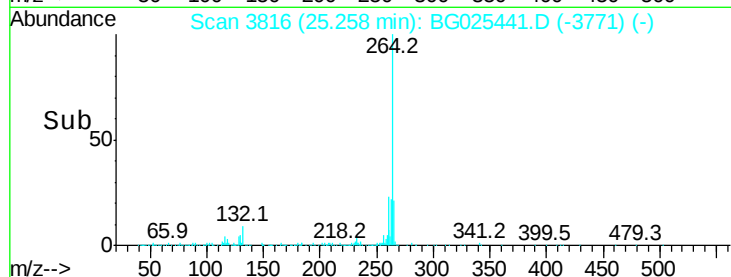
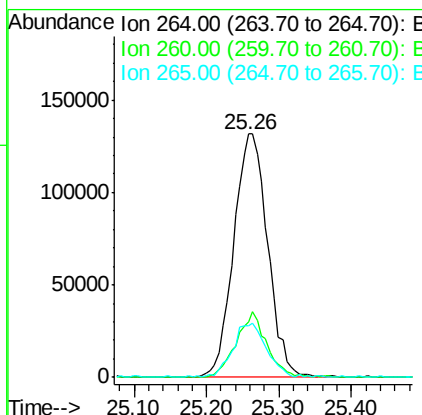
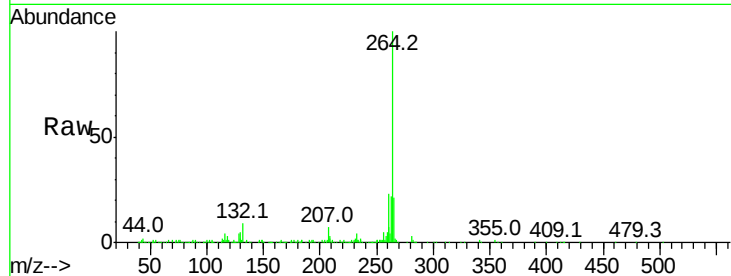
#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3816
Delta R.T. -0.04 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	21.8	32.8
265	21.4	18.2	27.4

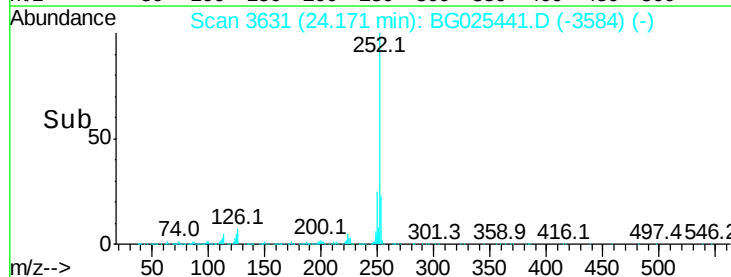
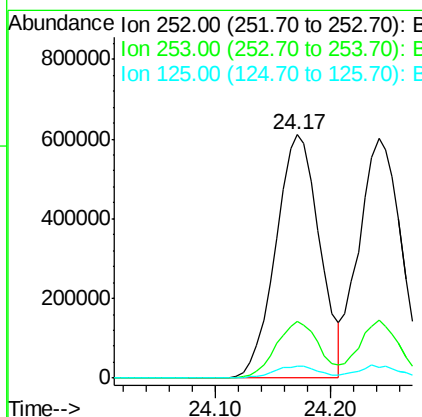
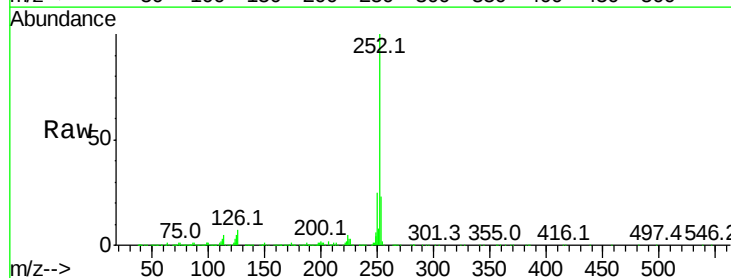
Manual Integrations
APPROVED

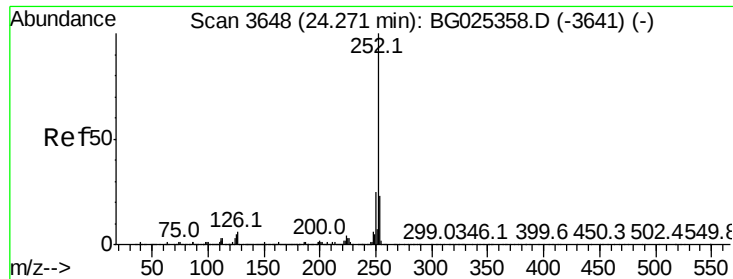
Sohil
1/10/2017 9:59:48 AM



#87
Benzo(b)fluoranthene
Concen: 68.92 ng
RT: 24.17 min Scan# 3631
Delta R.T. -0.02 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.7	28.1
125	4.9	5.3	7.9





#88

Benzo(k)fluoranthene

Concen: 67.67 ng

RT: 24.24 min Scan# 3643

Delta R.T. -0.03 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Instrument :

BNA_G

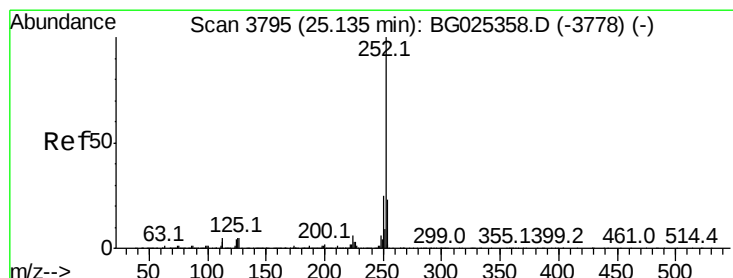
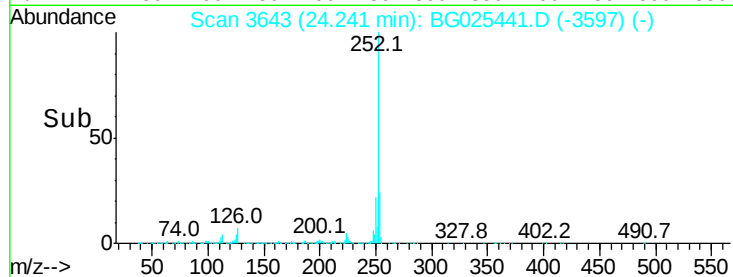
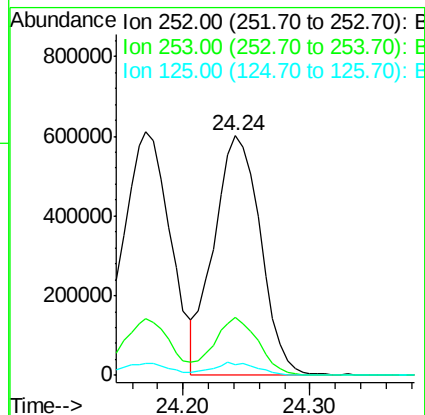
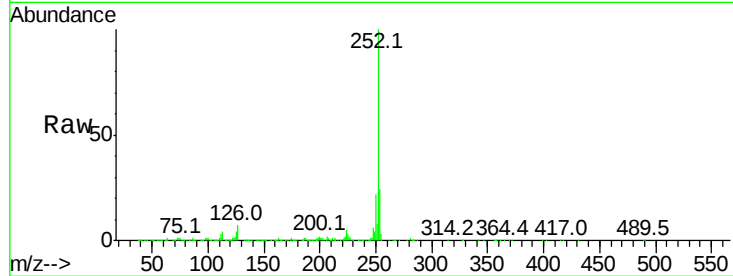
ClientSampleId :

L-SWITCH-SP-0-2-COMPMS

Tot	Ion:252	Resp:	1525369
Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.2	30.2
125	4.4	5.1	7.7#

Manual Integrations
APPROVED

Sohil
1/10/2017 9:59:48 AM



#89

Benzo(a)pyrene

Concen: 57.66 ng

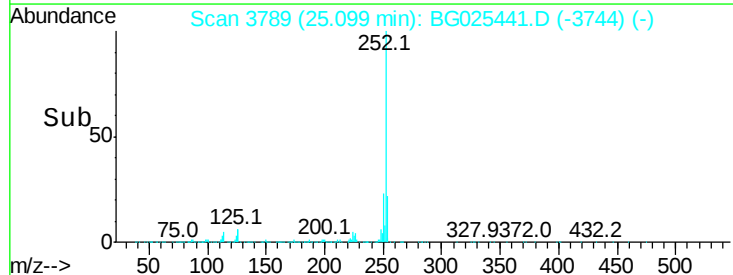
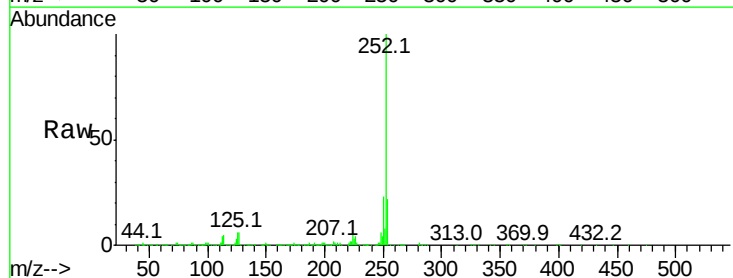
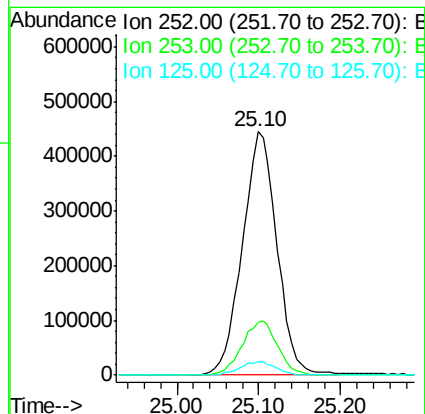
RT: 25.10 min Scan# 3789

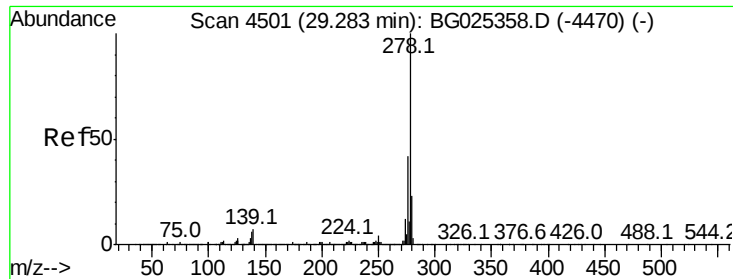
Delta R.T. -0.04 min

Lab File: BG025441.D

Acq: 9 Jan 2017 22:08

Tgt	Ion:252	Resp: 1299772	
Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.2	28.8
125	5.6	5.4	8.0





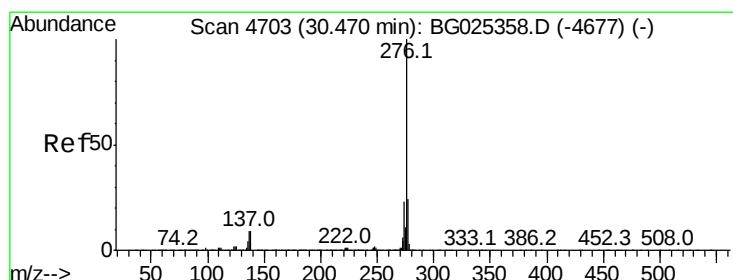
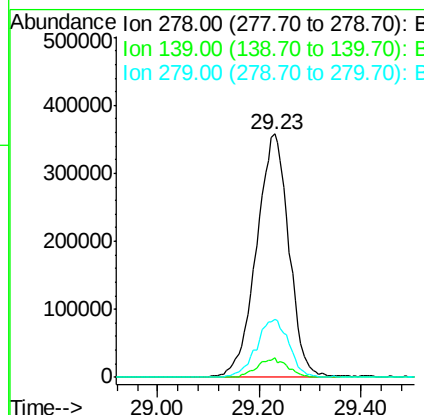
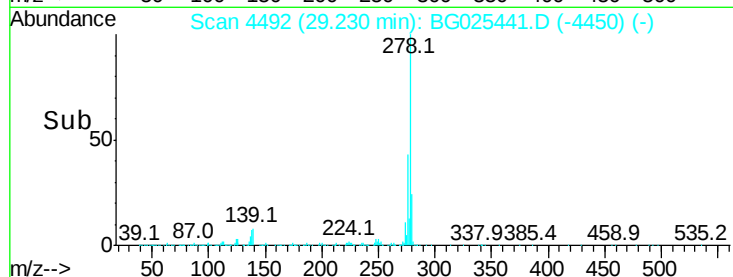
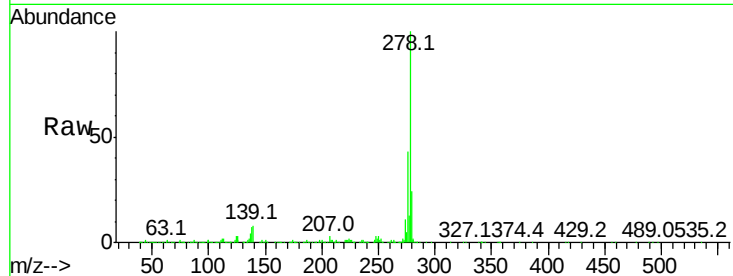
#90
Dibenzo(a,h)anthracene
Concen: 66.46 ng
RT: 29.23 min Scan# 4492
Delta R.T. -0.05 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.9	7.7	11.5
279	23.6	19.1	28.7

Manual Integrations
APPROVED

Sohil
1/10/2017 9:59:48 AM



#91
Benzo(g,h,i)perylene
Concen: 52.71 ng
RT: 30.42 min Scan# 4694
Delta R.T. -0.05 min
Lab File: BG025441.D
Acq: 9 Jan 2017 22:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.6	27.8
138	9.1	8.1	12.1

