

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023909.D
 Acq On : 26 Aug 2016 00:51
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

sohil
 8/26/2016 5:56:08 PM

Quant Time: Aug 26 01:50:32 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	211097	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	934094	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	609675	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	1362012	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1353646	20.00	ng	0.00
86) Perylene-d12	25.23	264	1363145	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	969296	77.29	ng	0.00
7) Phenol-d6	7.26	99	1447237	74.09	ng	0.00
23) Nitrobenzene-d5	9.28	82	1553827	82.70	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	604810	67.82	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	2714331	75.09	ng	0.00
78) Terphenyl-d14	20.14	244	3287854	73.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	192794	36.08	ng	# 93
3) Pyridine	3.91	79	616915	35.13	ng	95
4) n-Nitrosodimethylamine	3.82	42	294985	45.31	ng	# 91
6) Aniline	7.41	93	963668	34.15	ng	99
8) 2-Chlorophenol	7.66	128	583898	40.53	ng	99
9) Benzaldehyde	7.23	77	501621	47.38	ng	92
10) Phenol	7.29	94	813894	38.95	ng	87
11) bis(2-Chloroethyl)ether	7.51	93	637662	38.26	ng	90
12) 1,3-Dichlorobenzene	7.98	146	665184	40.33	ng	95
13) 1,4-Dichlorobenzene	8.12	146	664884	39.38	ng	97
14) 1,2-Dichlorobenzene	8.45	146	643603	38.85	ng	94
15) Benzyl Alcohol	8.34	79	673096	45.48	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	959369	39.14	ng	90
17) 2-Methylphenol	8.55	107	550861	39.32	ng	93
18) Hexachloroethane	9.18	117	274488	43.19	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	612294	36.44	ng	99
20) 3+4-Methylphenols	8.88	107	767418	38.86	ng	91
22) Acetophenone	8.93	105	999071	39.06	ng	# 93
24) Nitrobenzene	9.32	77	913948	43.93	ng	91
25) Isophorone	9.85	82	1585843	40.52	ng	95
26) 2-Nitrophenol	10.03	139	383116	43.63	ng	# 83
27) 2,4-Dimethylphenol	10.09	122	608002	40.66	ng	90
28) bis(2-Chloroethoxy)methane	10.32	93	836307	35.55	ng	97
29) 2,4-Dichlorophenol	10.58	162	622559	41.41	ng	100
30) 1,2,4-Trichlorobenzene	10.79	180	666121	41.08	ng	97
31) Naphthalene	10.98	128	1822498	38.32	ng	96
32) Benzoic acid	10.32	122	504184	38.15	ng	95
33) 4-Chloroaniline	11.10	127	804438	35.38	ng	97
34) Hexachlorobutadiene	11.25	225	459972	43.14	ng	96
35) Caprolactam	11.92	113	230503	36.44	ng	92
36) 4-Chloro-3-methylphenol	12.23	107	777849	39.38	ng	96
37) 2-Methylnaphthalene	12.58	142	1331156	36.81	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	897718	40.60	ng	98
40) Hexachlorocyclopentadiene	12.92	237	408875	36.67	ng	98

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023909.D
 Acq On : 26 Aug 2016 00:51
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

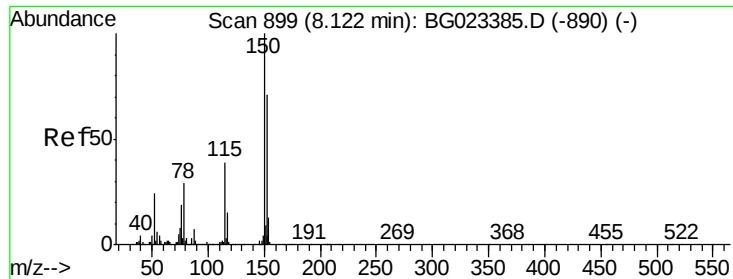
Manual Integrations
 APPROVED

sohil
 8/26/2016 5:56:08 PM

Quant Time: Aug 26 01:50:32 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	523945	39.78	ng	95
43) 2,4,5-Trichlorophenol	13.28	196	547061	40.35	ng	94
45) 1,1'-Biphenyl	13.59	154	1765972	37.89	ng	91
46) 2-Chloronaphthalene	13.64	162	1416666	39.29	ng	92
47) 2-Nitroaniline	13.86	65	610765	40.80	ng	90
48) Acenaphthylene	14.49	152	2152588	37.77	ng	95
49) Dimethylphthalate	14.22	163	1853563	39.63	ng	97
50) 2,6-Dinitrotoluene	14.35	165	440635	39.78	ng	90
51) Acenaphthene	14.83	154	1390961	38.53	ng	97
52) 3-Nitroaniline	14.69	138	452200	36.20	ng	# 79
53) 2,4-Dinitrophenol	14.90	184	351151	49.45	ng	92
54) Dibenzofuran	15.17	168	1943410	37.07	ng	98
55) 4-Nitrophenol	15.02	139	306001	31.19	ng	# 87
56) 2,4-Dinitrotoluene	15.14	165	622054	40.01	ng	97
57) Fluorene	15.82	166	1712229	37.43	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	448990	36.09	ng	92
59) Diethylphthalate	15.58	149	1845246	38.86	ng	94
60) 4-Chlorophenyl-phenylether	15.80	204	922632	38.11	ng	97
61) 4-Nitroaniline	15.87	138	451577	33.95	ng	# 71
62) Azobenzene	16.10	77	1850581	38.45	ng	94
64) 4,6-Dinitro-2-methylphenol	15.92	198	385220	41.60	ng	94
65) n-Nitrosodiphenylamine	16.03	169	1555046	38.93	ng	93
66) 4-Bromophenyl-phenylether	16.71	248	636899	40.12	ng	98
67) Hexachlorobenzene	16.83	284	676183	38.93	ng	96
68) Atrazine	16.98	200	619306	40.37	ng	98
69) Pentachlorophenol	17.19	266	324920	32.09	ng	99
70) Phenanthrene	17.58	178	2556228m	36.99	ng	
71) Anthracene	17.67	178	2605895	37.49	ng	92
72) Carbazole	17.95	167	2397022	39.27	ng	94
73) Di-n-butylphthalate	18.48	149	2779523	44.88	ng	95
74) Fluoranthene	19.59	202	2863283	43.84	ng	92
76) Benzidine	19.77	184	769846	20.46	ng	99
77) Pyrene	19.95	202	2876095	35.70	ng	# 92
79) Butylbenzylphthalate	20.83	149	1411415	43.30	ng	99
80) Benzo(a)anthracene	21.83	228	2860482	38.28	ng	97
81) 3,3'-Dichlorobenzidine	21.74	252	1133523	36.99	ng	# 95
82) Chrysene	21.90	228	2690051	37.84	ng	92
83) Bis(2-ethylhexyl)phthalate	21.69	149	1921720	43.05	ng	98
84) Di-n-octyl phthalate	22.96	149	3120857	40.97	ng	97
85) Indeno(1,2,3-cd)pyrene	29.13	276	3489485	39.28	ng	# 100
87) Benzo(b)fluoranthene	24.16	252	2954050	38.52	ng	# 93
88) Benzo(k)fluoranthene	24.23	252	2892153	39.26	ng	# 94
89) Benzo(a)pyrene	25.08	252	2890735	39.63	ng	# 96
90) Dibenzo(a,h)anthracene	29.19	278	2967810	39.83	ng	# 94
91) Benzo(g,h,i)perylene	30.34	276	2692318	35.88	ng	# 92

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



#1

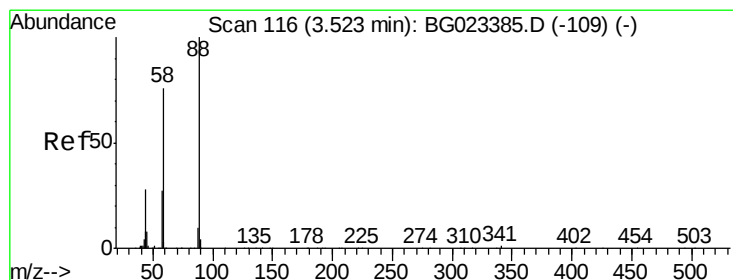
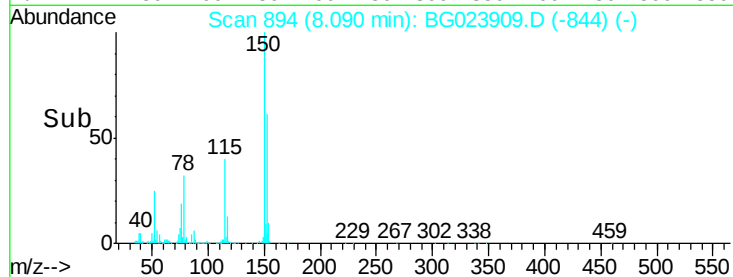
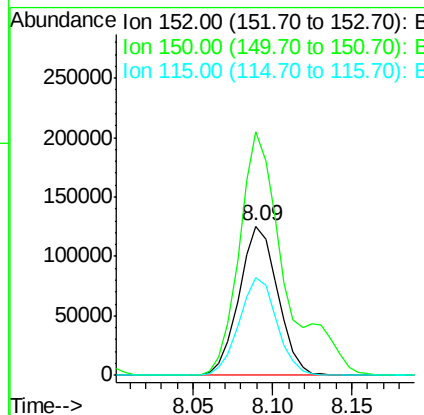
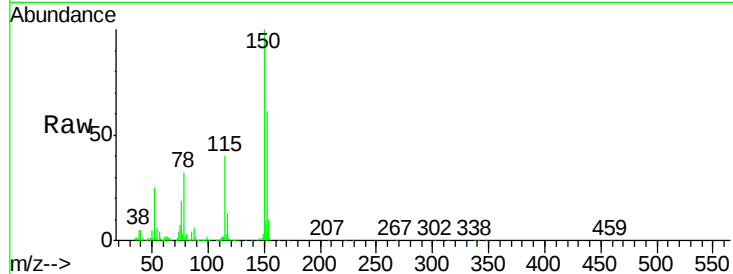
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.5	144.7	217.1
115	65.8	64.0	96.0

Manual Integrations
APPROVED

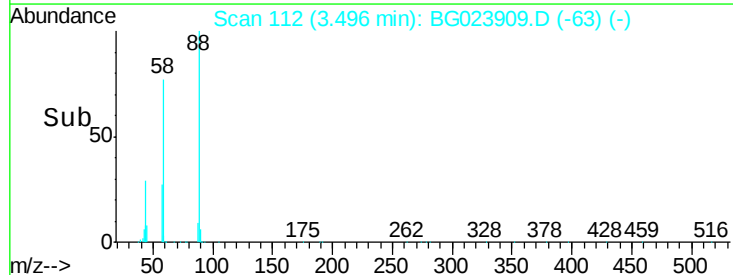
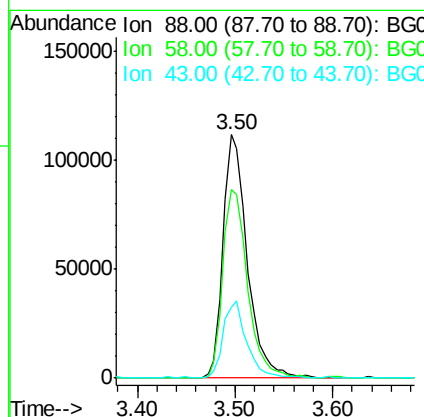
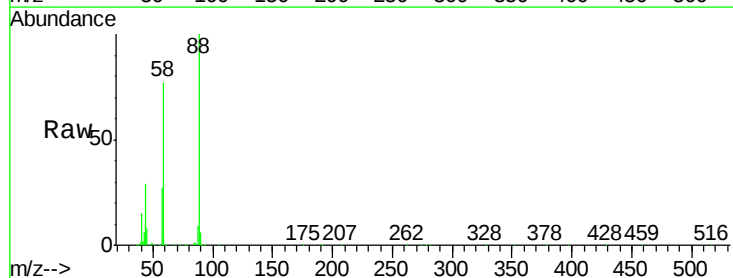
sohil
8/26/2016 5:56:08 PM

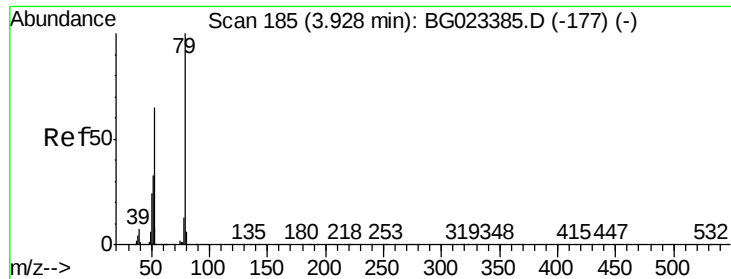


#2

1,4-Dioxane
Concen: 36.08 ng
RT: 3.50 min Scan# 112
Delta R.T. -0.01 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.2	60.4	90.6
43	30.9	31.1	46.7





#3

Pyridine

Concen: 35.13 ng

RT: 3.91 min Scan# 182

Delta R.T. -0.01 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Instrument :

BNA_G

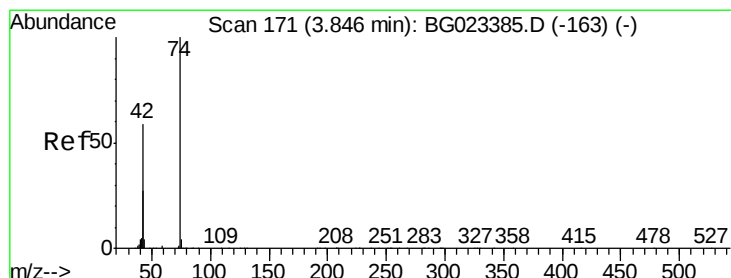
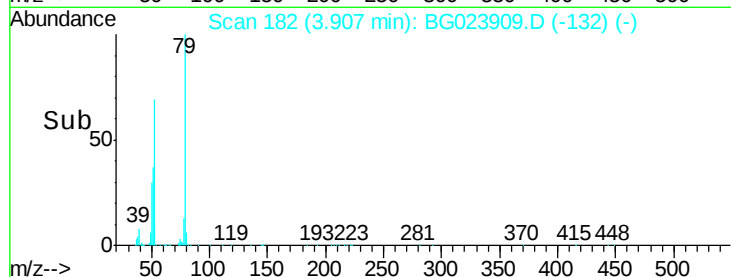
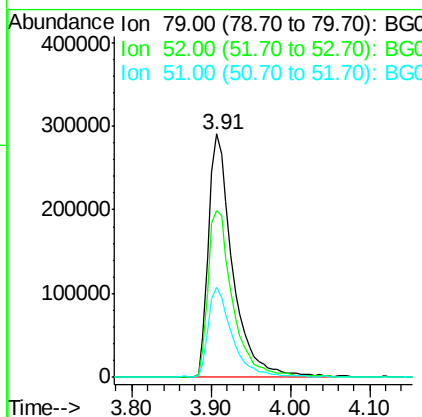
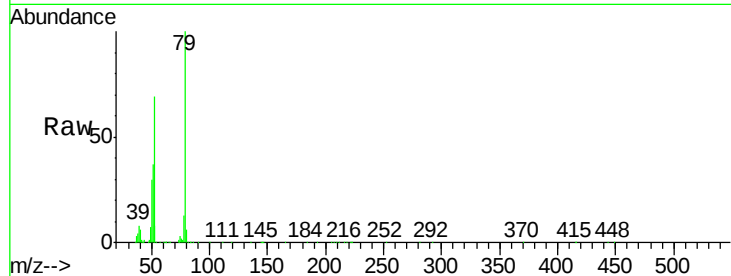
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
79	100		
52	68.5	51.8	77.8
51	37.1	32.7	49.1

Manual Integrations
APPROVED

sohil
8/26/2016 5:56:08 PM



#4

n-Nitrosodimethylamine

Concen: 45.31 ng

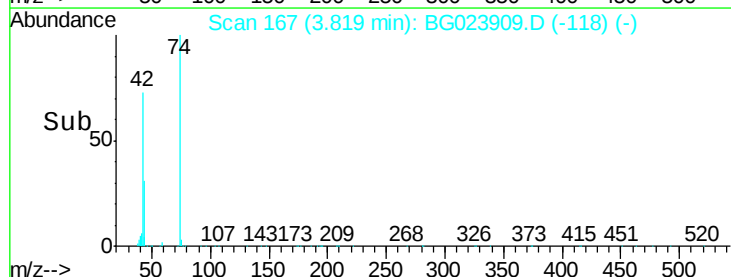
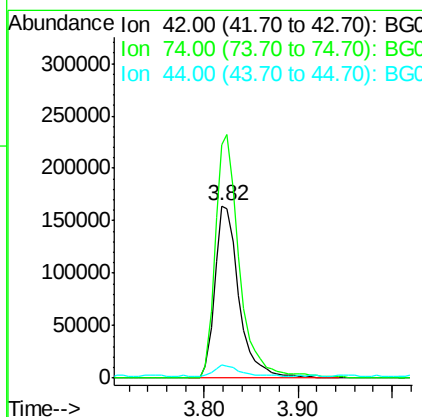
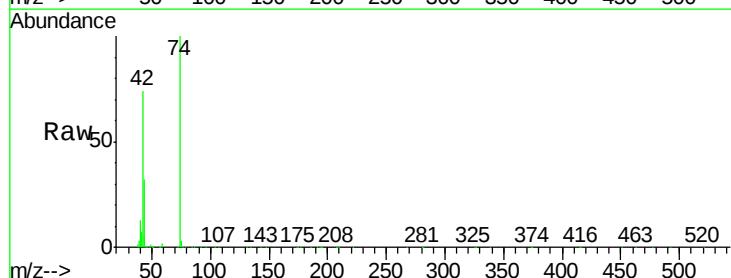
RT: 3.82 min Scan# 167

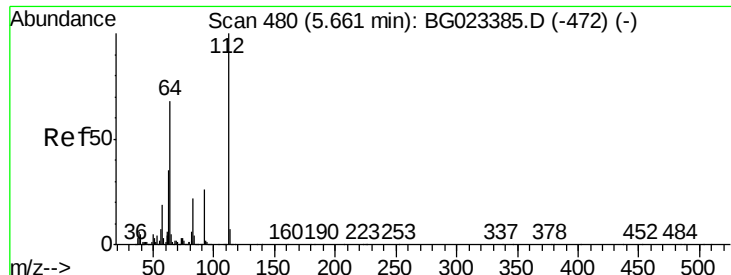
Delta R.T. -0.01 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.7	100.6	150.8
44	7.5	4.5	6.7#





#5

2-Fluorophenol

Concen: 77.29 ng

RT: 5.64 min Scan# 477

Delta R.T. 0.00 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Instrument :

BNA_G

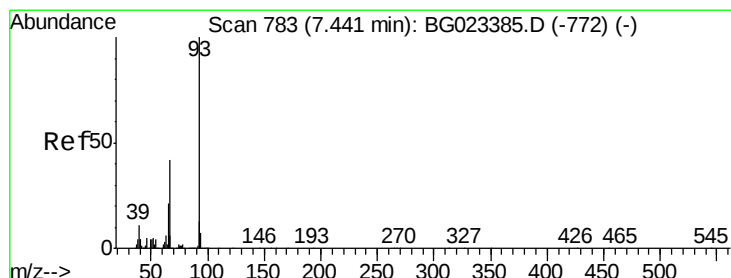
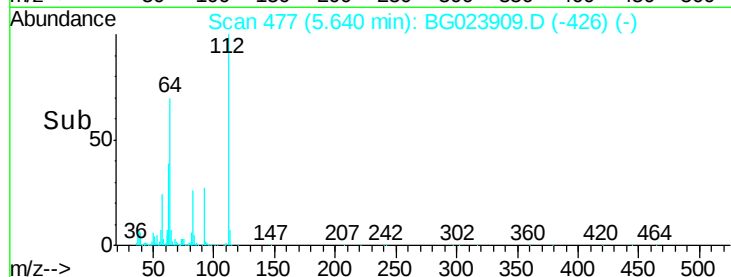
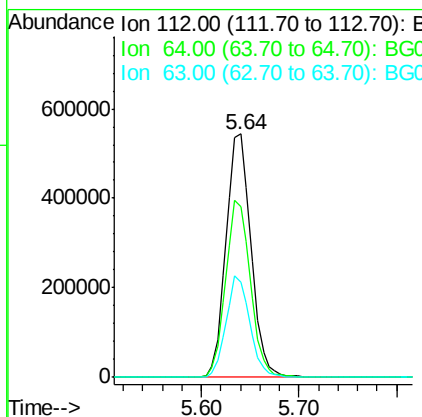
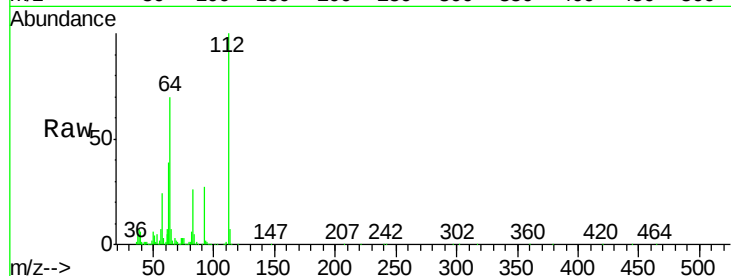
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	112	Resp:	969296
Ion Ratio	Lower	Upper	
112	100		
64	70.2	59.0	88.4
63	39.2	37.8	56.8

Manual Integrations
APPROVED

sohil
8/26/2016 5:56:08 PM



#6

Aniline

Concen: 34.15 ng

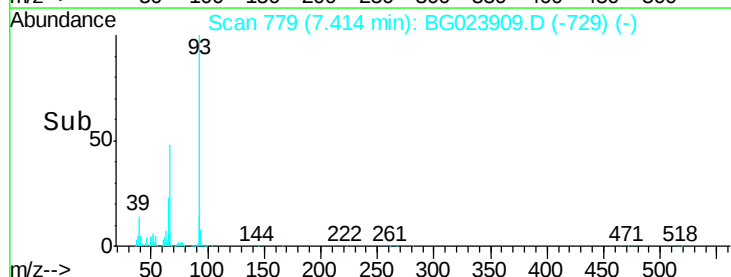
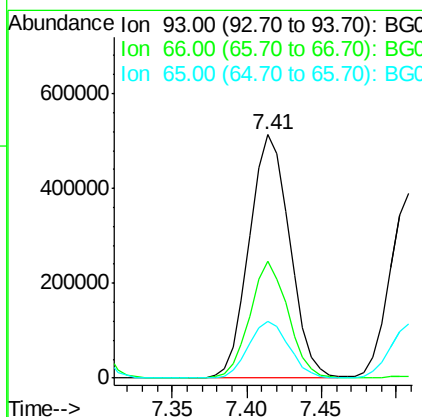
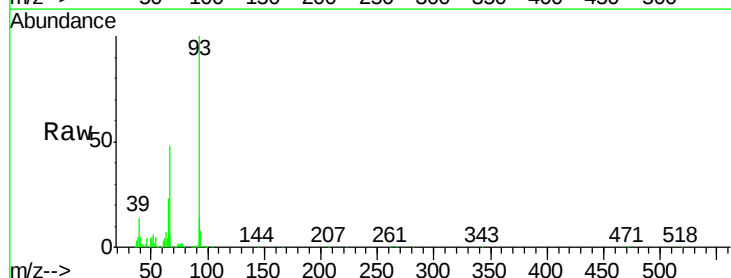
RT: 7.41 min Scan# 779

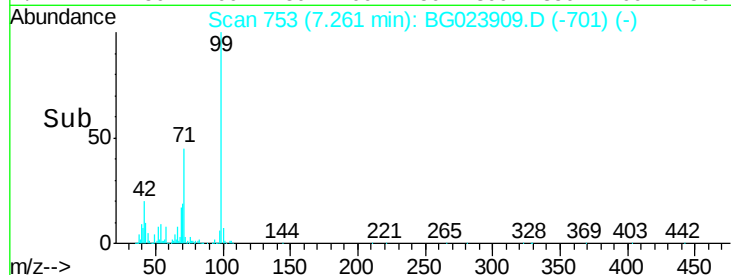
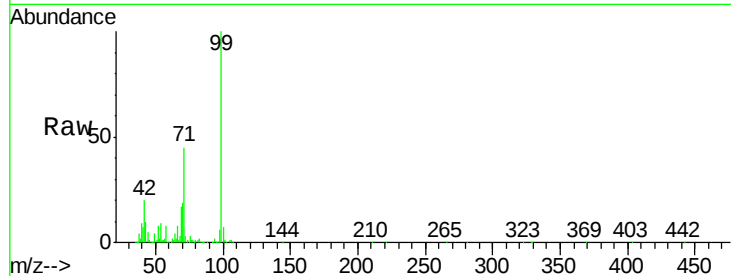
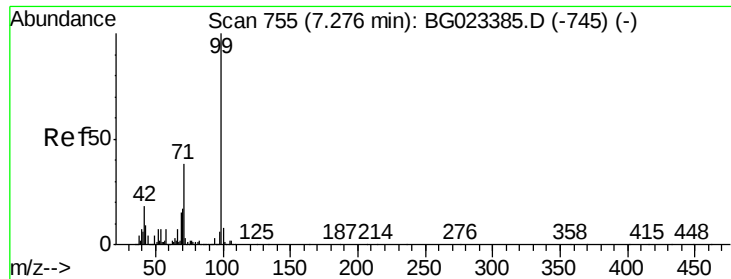
Delta R.T. -0.01 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Tgt Ion:	93	Resp:	963668
Ion Ratio	Lower	Upper	
93	100		
66	47.8	37.5	56.3
65	23.1	17.9	26.9





#7

Phenol-d6

Concen: 74.09 ng

RT: 7.26 min Scan# 753

Delta R.T. 0.01 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Tgt Ion:	99	Resp:	1447237
Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.8	26.6
71	44.9	41.5	62.3

Instrument :

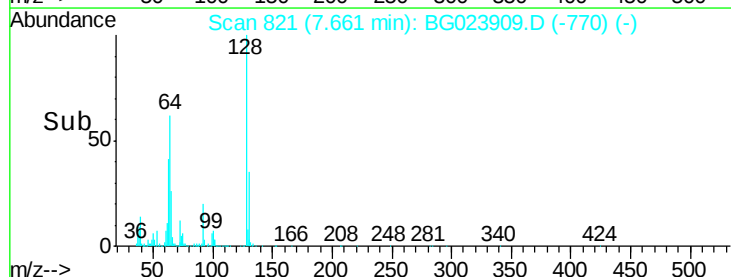
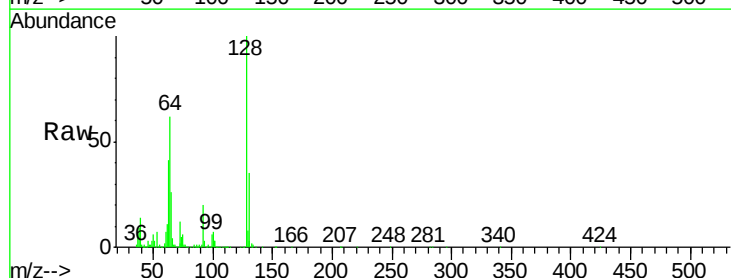
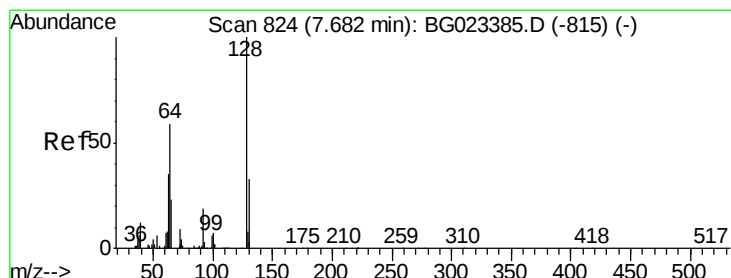
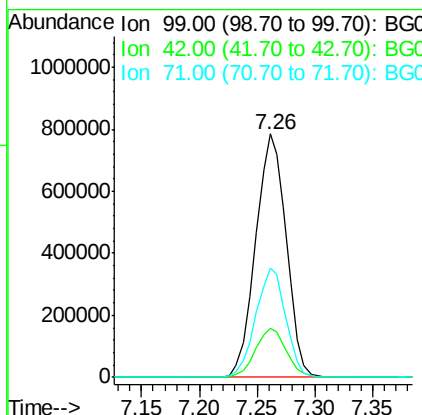
BNA_G

ClientSampleId :

SSTDCCC040EC

Manual Integrations
APPROVED

sohil
8/26/2016 5:56:08 PM



#8

2-Chlorophenol

Concen: 40.53 ng

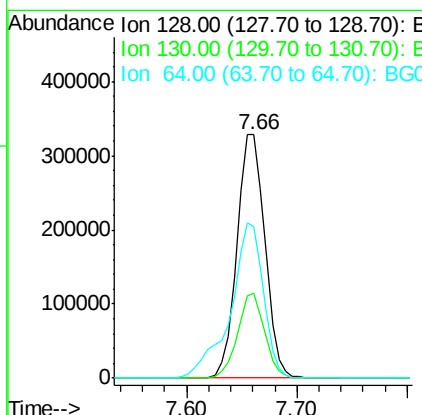
RT: 7.66 min Scan# 821

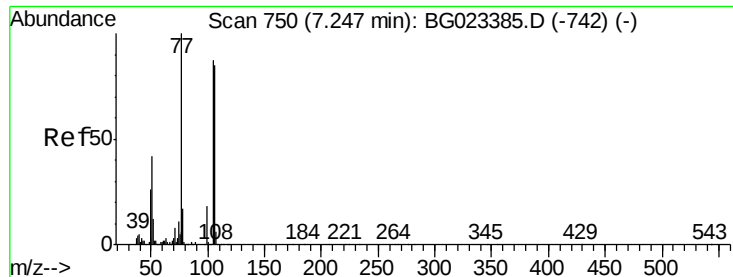
Delta R.T. 0.00 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Tgt Ion:	128	Resp:	583898
Ion	Ratio	Lower	Upper
128	100		
130	34.7	12.9	52.9
64	62.2	42.0	82.0





#9

Benzaldehyde

Concen: 47.38 ng

RT: 7.23 min Scan# 747

Delta R.T. 0.00 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Instrument :

BNA_G

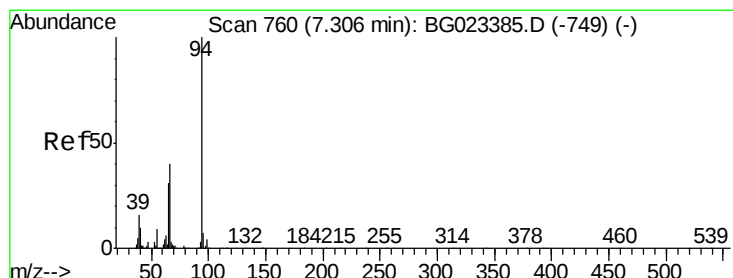
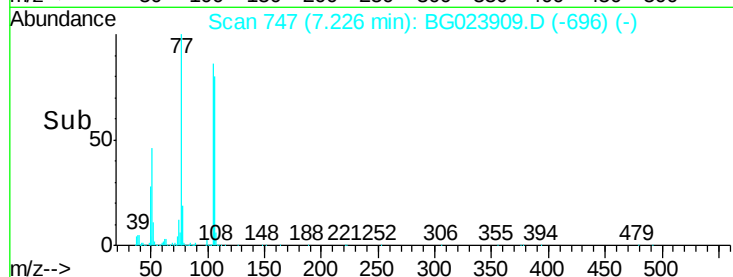
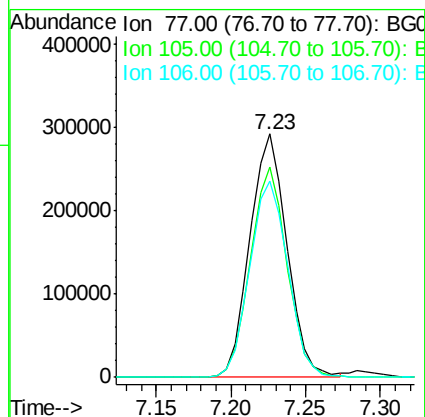
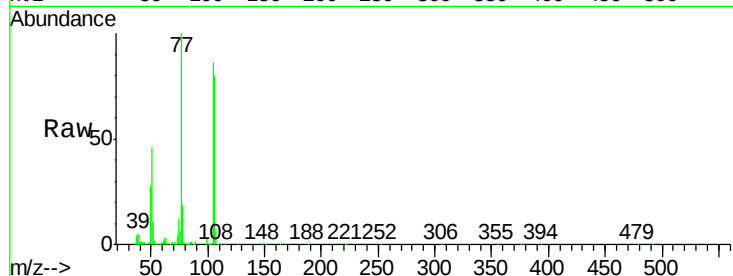
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	77	Resp:	501621
Ion Ratio	Lower	Upper	
77	100		
105	86.3	58.7	98.7
106	80.4	67.5	107.5

Manual Integrations
APPROVED

sohil
8/26/2016 5:56:08 PM



#10

Phenol

Concen: 38.95 ng

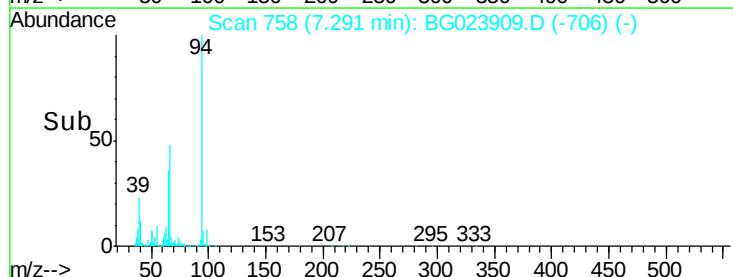
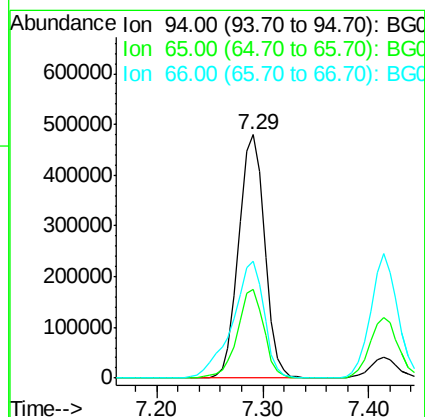
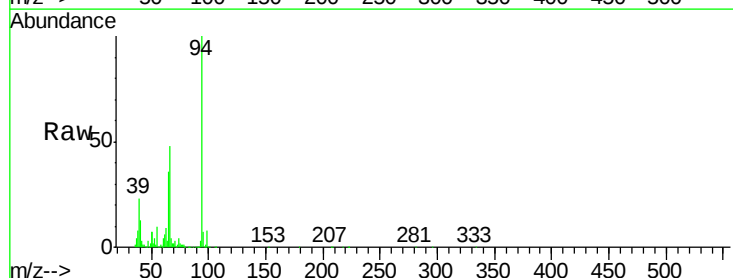
RT: 7.29 min Scan# 758

Delta R.T. 0.01 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Tgt Ion:	94	Resp:	813894
Ion Ratio	Lower	Upper	
94	100		
65	36.3	18.1	58.1
66	47.9	42.1	82.1





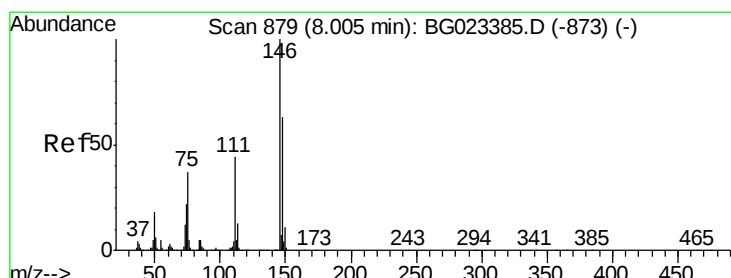
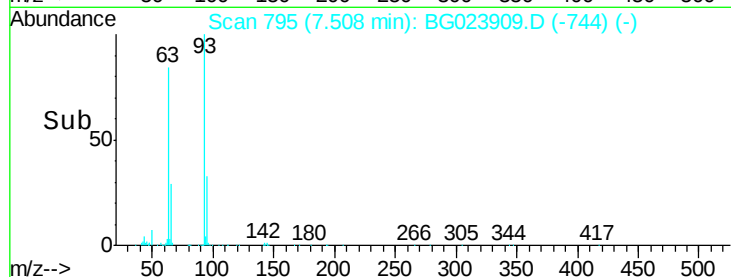
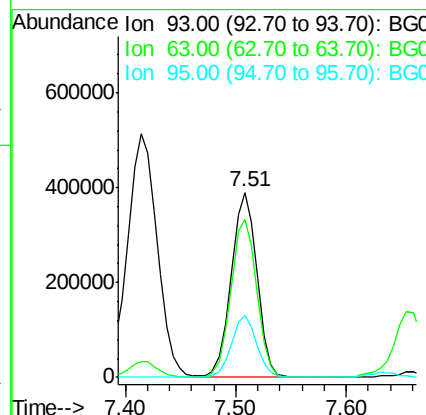
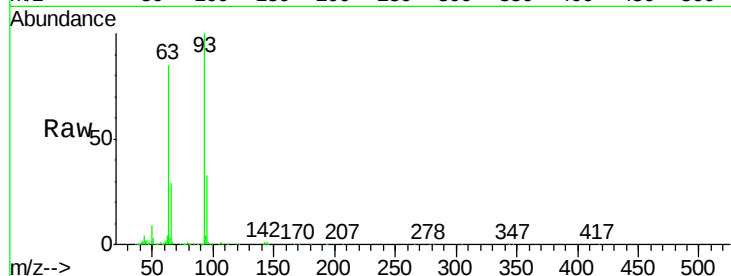
#11
bis(2-Chloroethyl)ether
Concen: 38.26 ng
RT: 7.51 min Scan# 795
Delta R.T. 0.00 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
93	100		
63	85.3	55.0	95.0
95	33.4	11.0	51.0

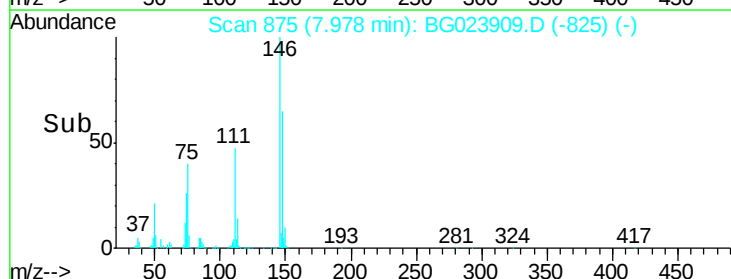
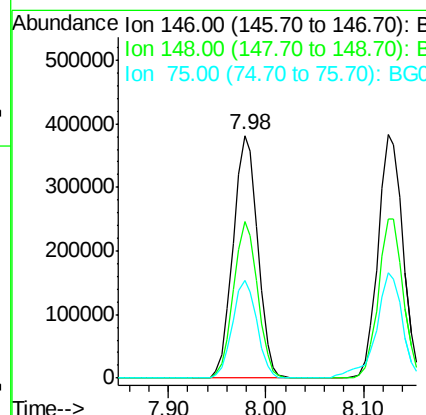
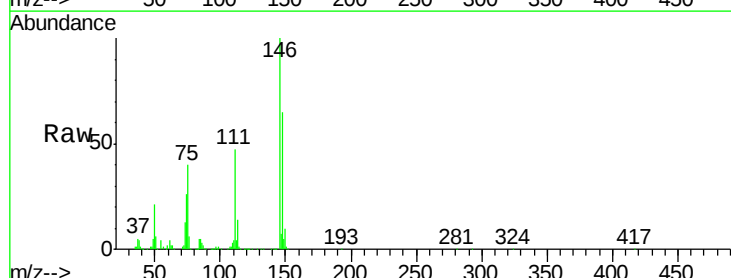
Manual Integrations
APPROVED

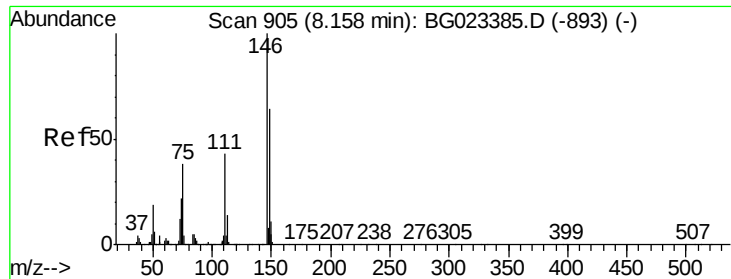
sohil
8/26/2016 5:56:08 PM



#12
1,3-Dichlorobenzene
Concen: 40.33 ng
RT: 7.98 min Scan# 875
Delta R.T. -0.01 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.3	75.5
75	40.1	37.0	55.6





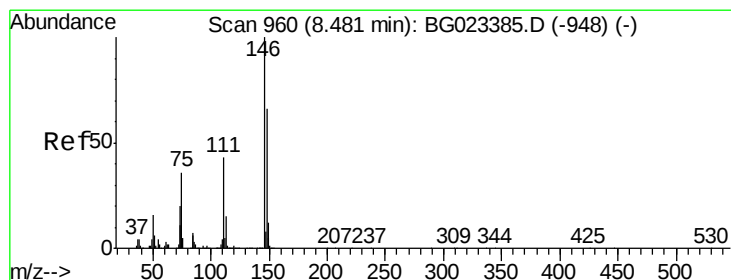
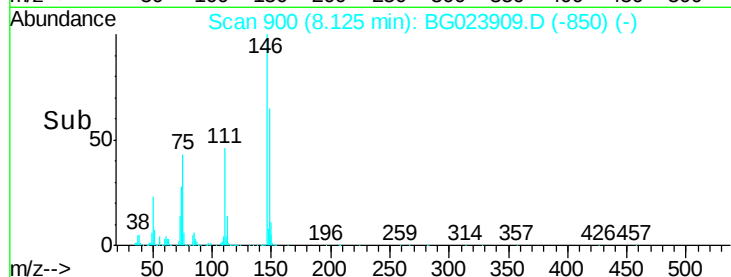
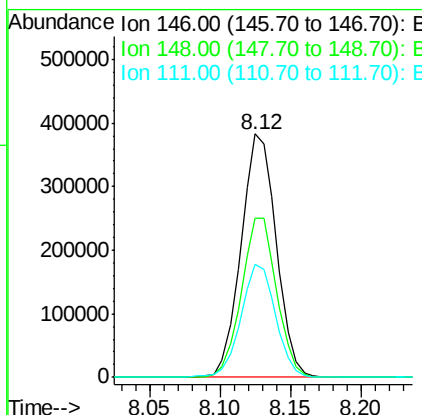
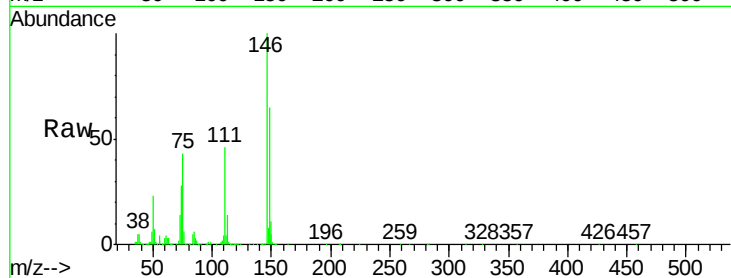
#13
 1,4-Dichlorobenzene
 Concen: 39.38 ng
 RT: 8.12 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Instrument :
 BNA_G
 ClientSampleID :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	54.5	81.7
111	46.2	37.8	56.8

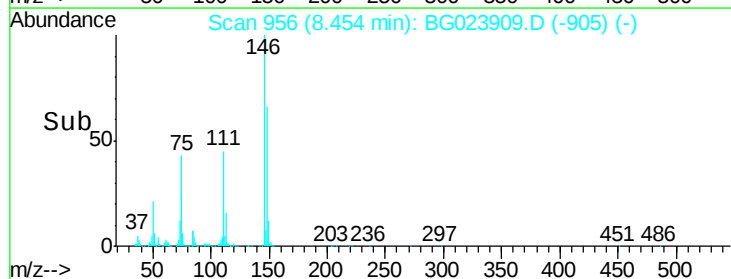
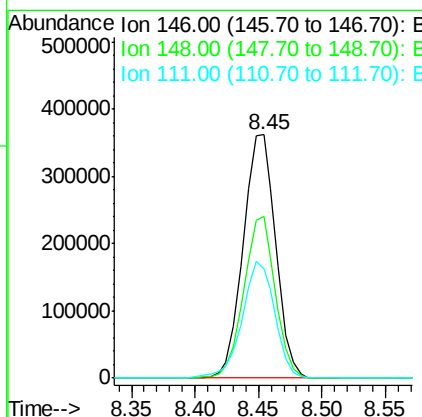
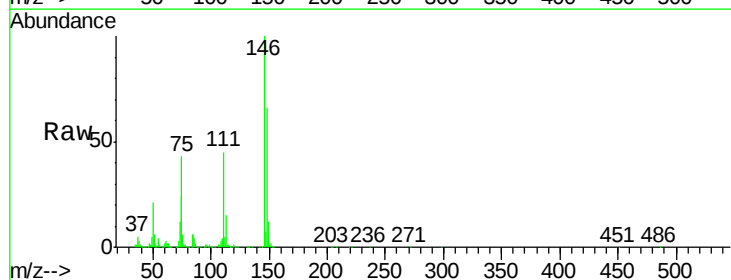
Manual Integrations
 APPROVED

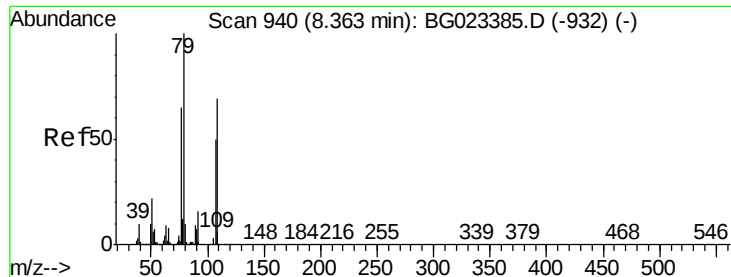
sohil
 8/26/2016 5:56:08 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.85 ng
 RT: 8.45 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	52.9	79.3
111	44.9	43.5	65.3





#15

Benzyl Alcohol

Concen: 45.48 ng

RT: 8.34 min Scan# 937

Delta R.T. 0.00 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Instrument :

BNA_G

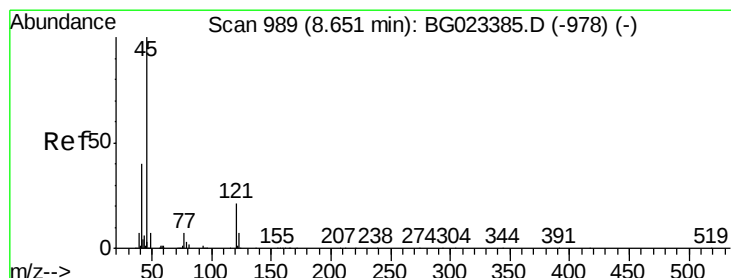
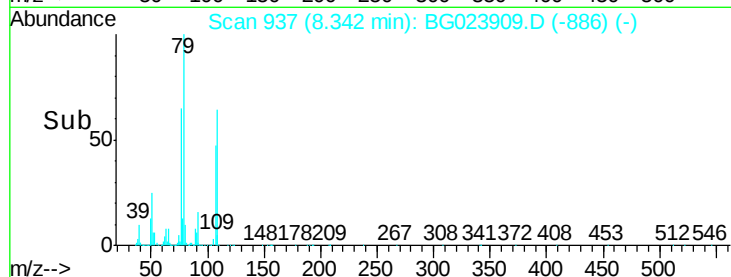
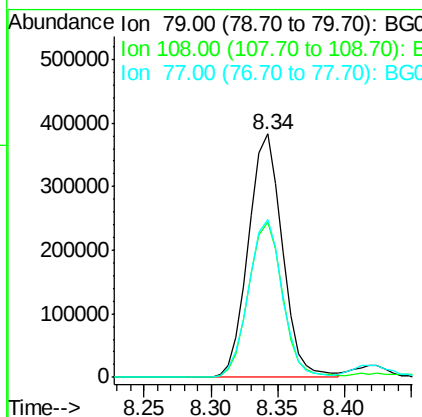
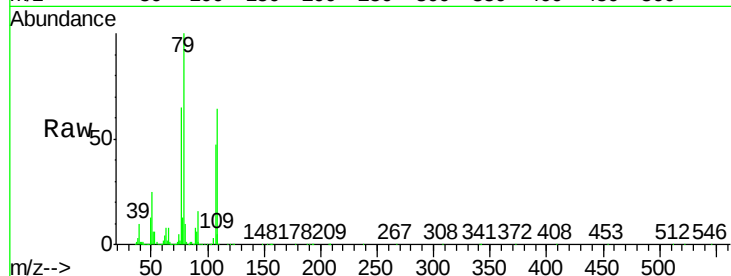
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	673096
Ion Ratio	Lower	Upper	
79	100		
108	63.9	46.5	69.7
77	64.8	52.3	78.5

Manual Integrations
APPROVED

sohil
8/26/2016 5:56:08 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.14 ng

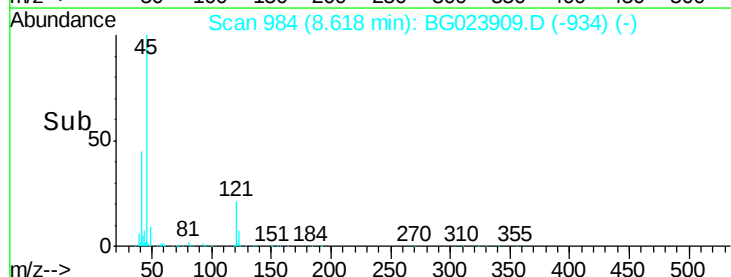
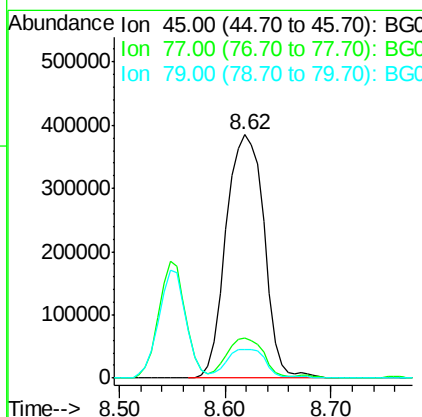
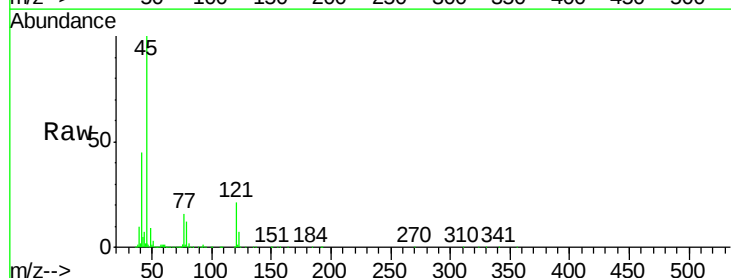
RT: 8.62 min Scan# 984

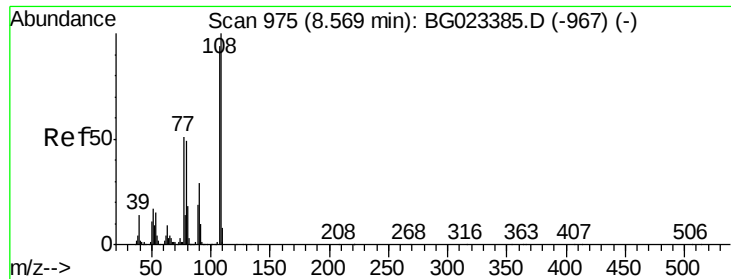
Delta R.T. -0.01 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Tgt Ion:	45	Resp:	959369
Ion Ratio	Lower	Upper	
45	100		
77	16.2	0.6	40.6
79	12.0	0.0	36.2





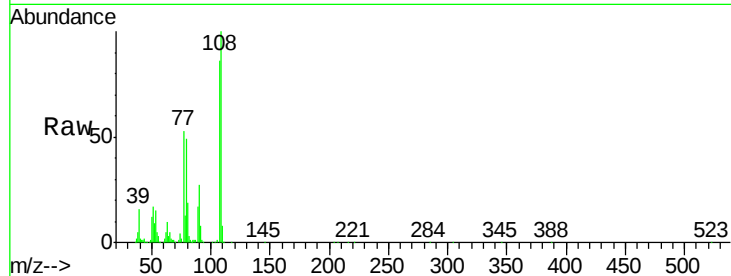
#17
2-Methylphenol
Concen: 39.32 ng
RT: 8.55 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

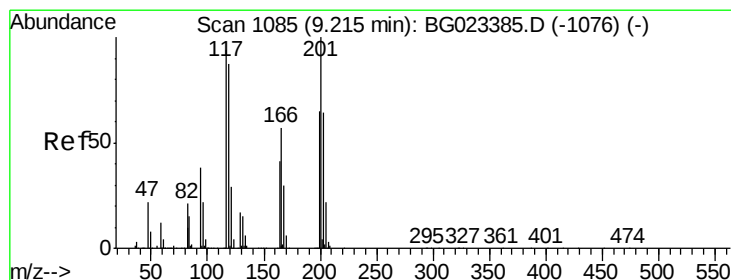
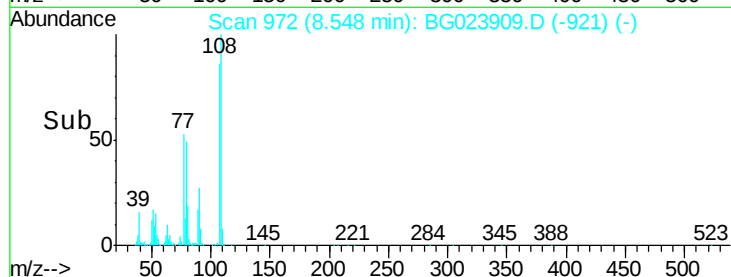
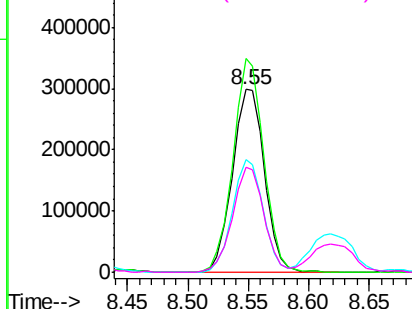
Tgt Ion:	107	Resp:	550861
Ion Ratio	Lower	Upper	
107	100		
108	116.8	92.0	138.0
77	61.9	55.8	83.6
79	57.2	55.0	82.6

Manual Integrations
APPROVED

sohil
8/26/2016 5:56:08 PM



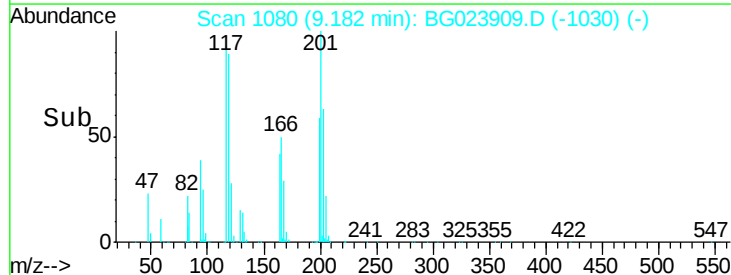
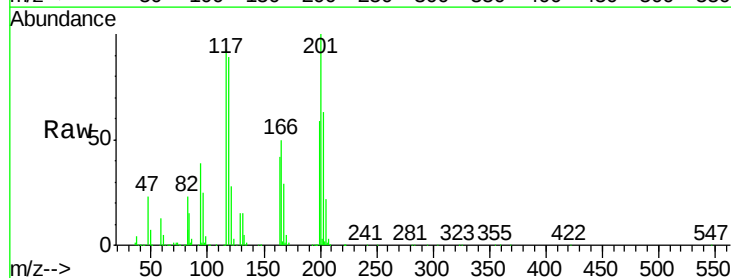
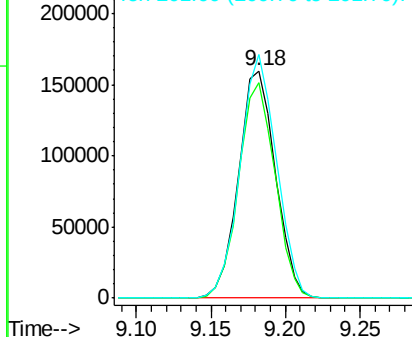
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

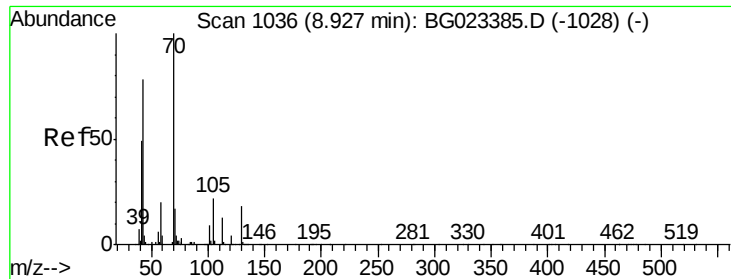


#18
Hexachloroethane
Concen: 43.19 ng
RT: 9.18 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Tgt Ion:	117	Resp:	274488
Ion Ratio	Lower	Upper	
117	100		
119	95.0	73.7	110.5
201	107.3	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





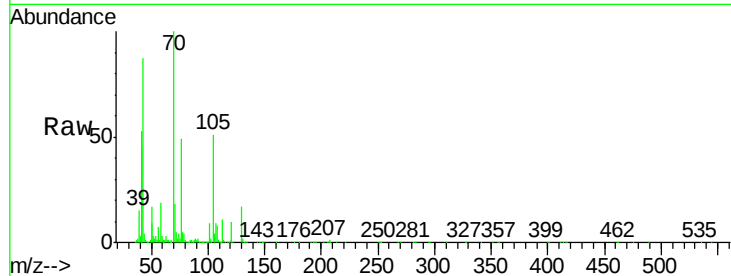
#19
n-Nitroso-di-n-propylamine
Concen: 36.44 ng
RT: 8.91 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.1	42.1	63.1
101	9.1	7.2	10.8
130	17.3	14.2	21.2

Manual Integrations
APPROVED

sohil
8/26/2016 5:56:08 PM



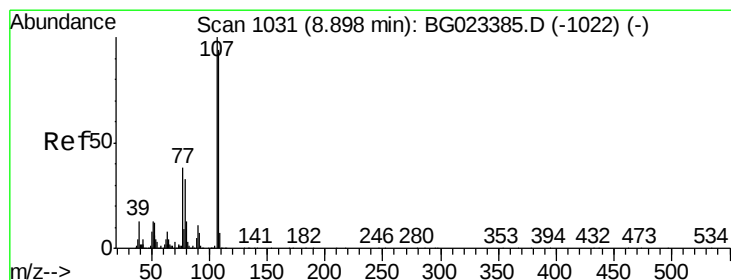
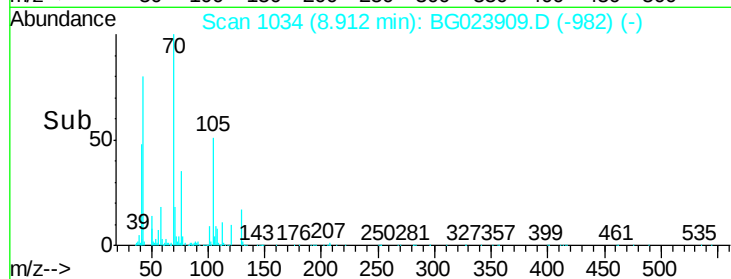
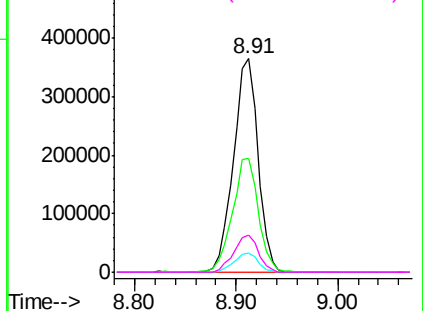
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 38.86 ng
RT: 8.88 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	72.5	112.5
77	41.7	30.1	70.1
79	35.8	24.2	64.2

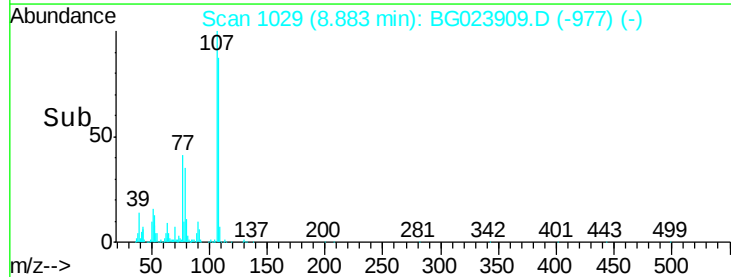
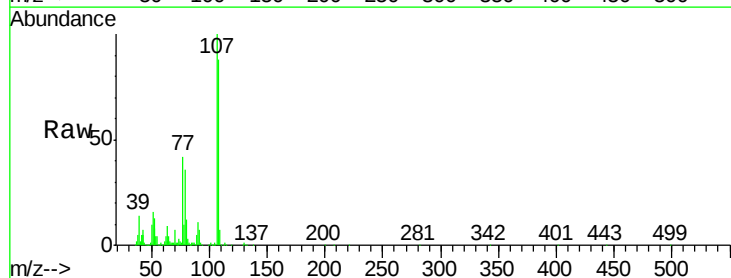
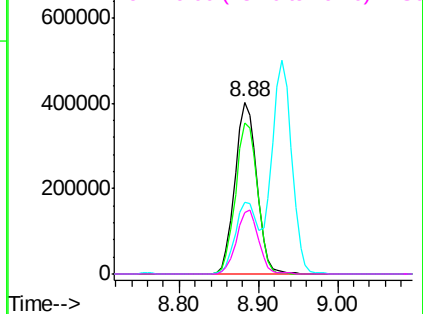
Abundance

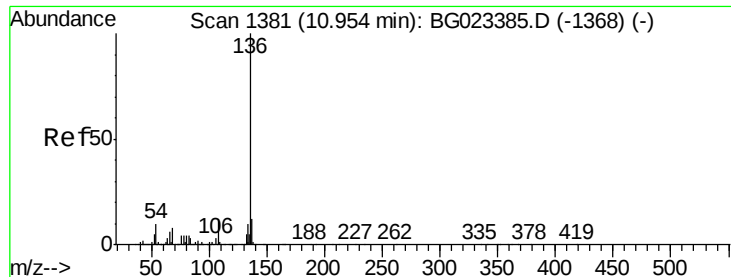
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





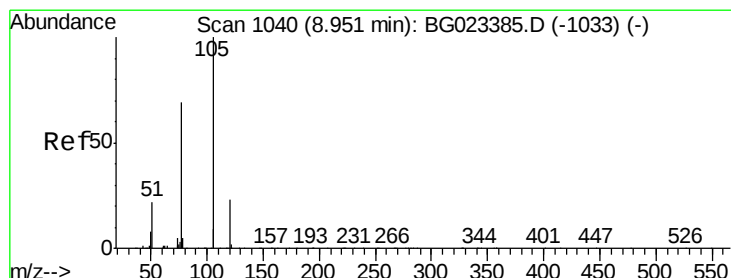
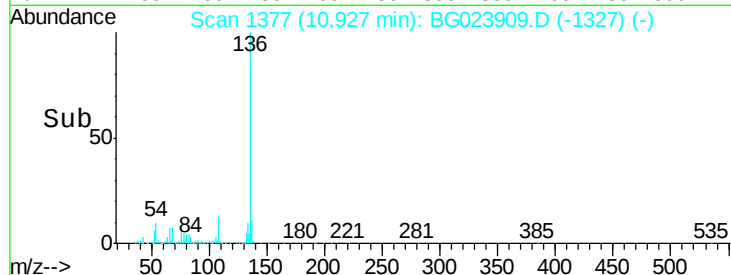
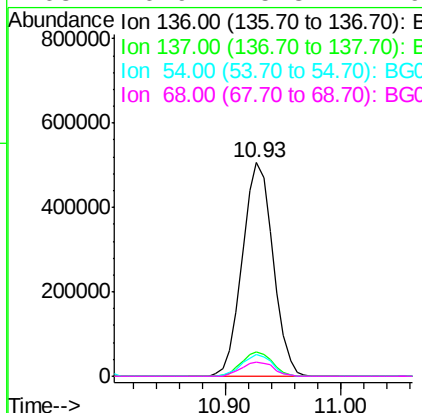
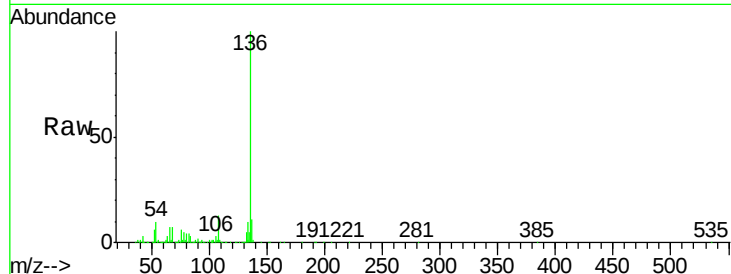
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	934094		
137	11.2	9.6	14.4	
54	10.0	7.3	10.9	
68	6.9	5.3	7.9	

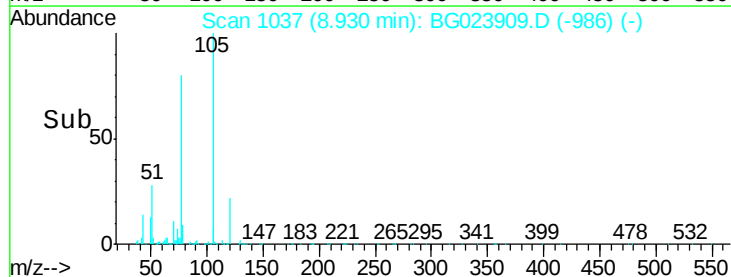
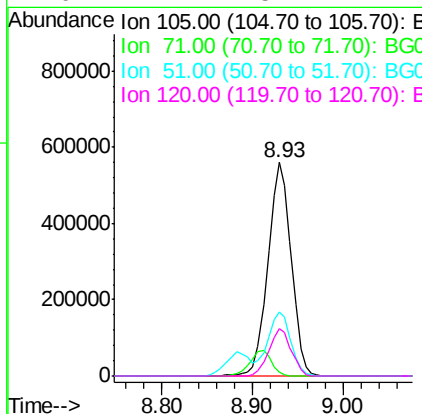
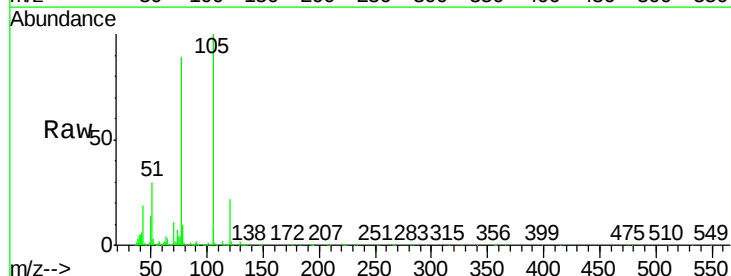
Manual Integrations
APPROVED

sohil
8/26/2016 5:56:08 PM



#22
Acetophenone
Concen: 39.06 ng
RT: 8.93 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	999071		
71	2.0	2.6	3.8#	
51	30.1	27.1	40.7	
120	22.1	15.1	22.7	





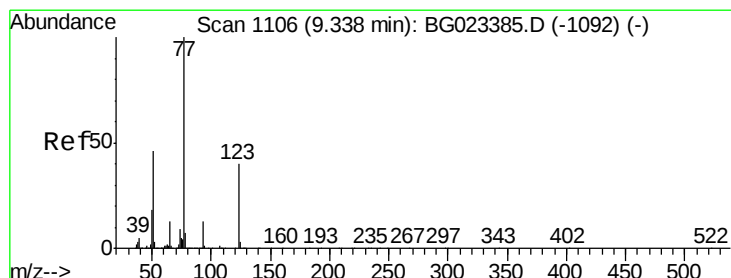
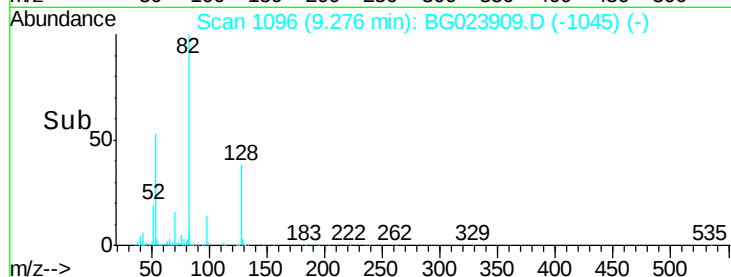
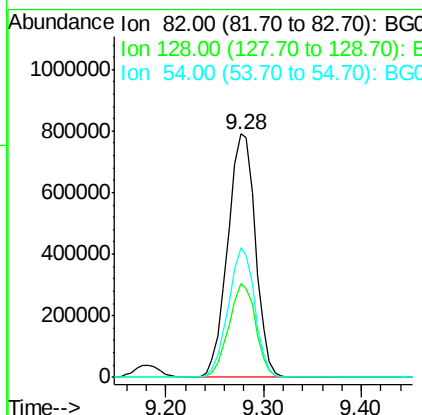
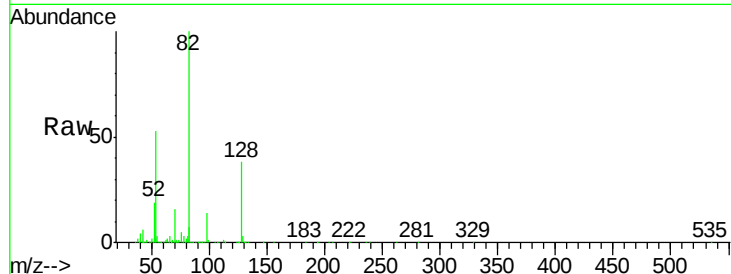
#23
 Nitrobenzene-d5
 Concen: 82.70 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 82 Resp: 1553827
 Ion Ratio Lower Upper
 82 100
 128 38.4 24.4 36.6#
 54 53.1 41.4 62.0

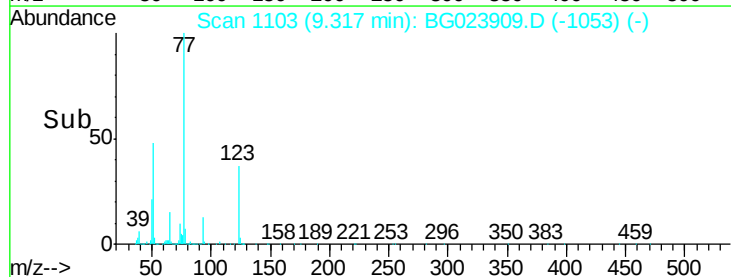
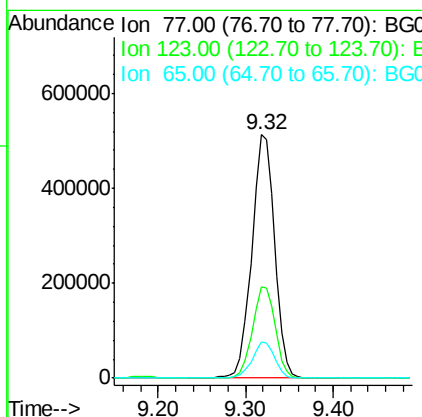
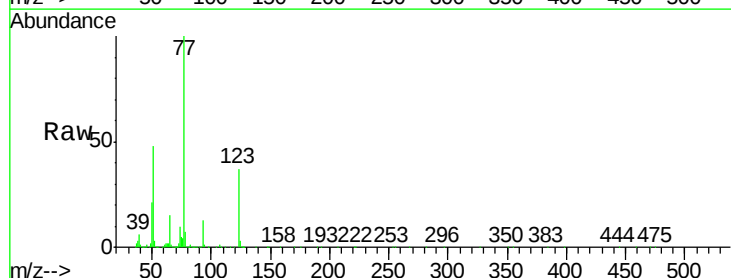
Manual Integrations
 APPROVED

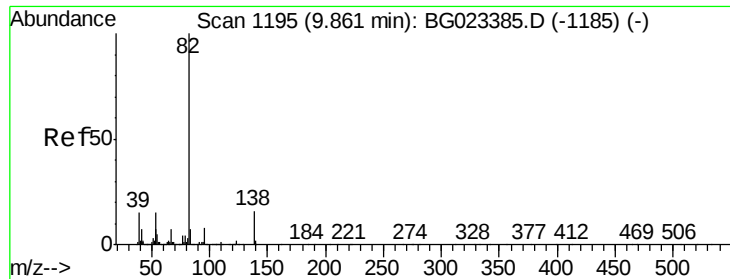
sohil
 8/26/2016 5:56:08 PM



#24
 Nitrobenzene
 Concen: 43.93 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Tgt Ion: 77 Resp: 913948
 Ion Ratio Lower Upper
 77 100
 123 37.4 25.0 37.6
 65 15.0 13.4 20.0





#25

Isophorone

Concen: 40.52 ng

RT: 9.85 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 1585843

Ion Ratio Lower Upper

82 100

95 8.4 8.2 12.2

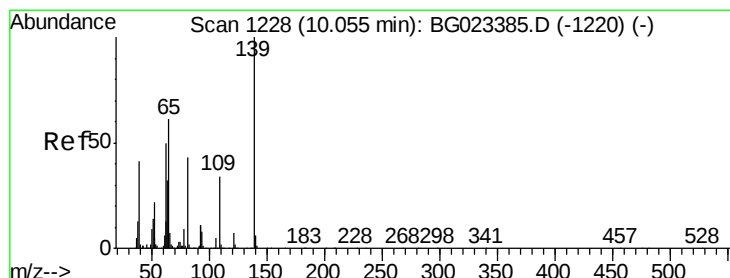
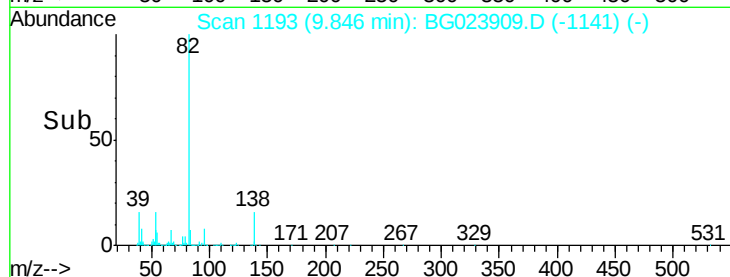
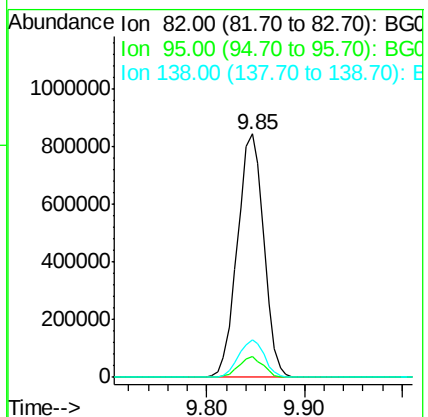
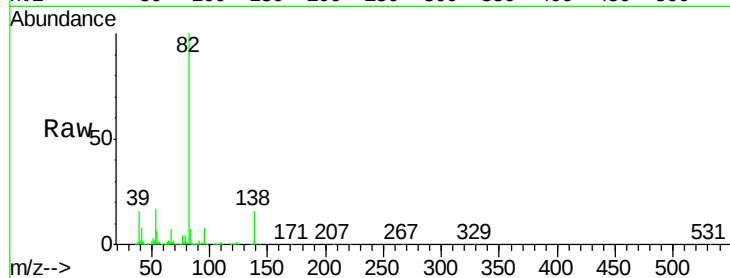
138 15.6 10.7 16.1

Manual Integrations

APPROVED

sohil

8/26/2016 5:56:08 PM



#26

2-Nitrophenol

Concen: 43.63 ng

RT: 10.03 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

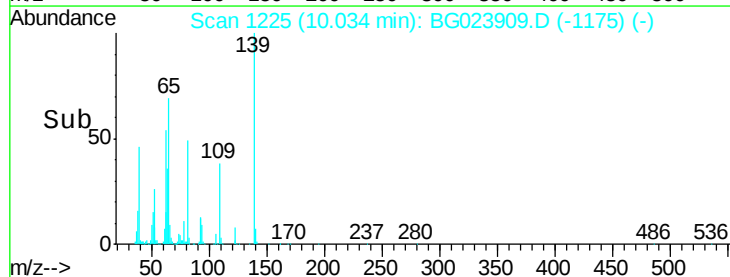
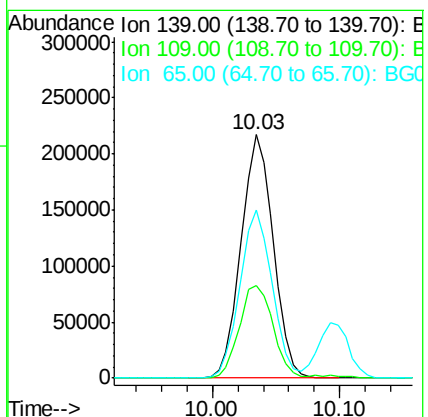
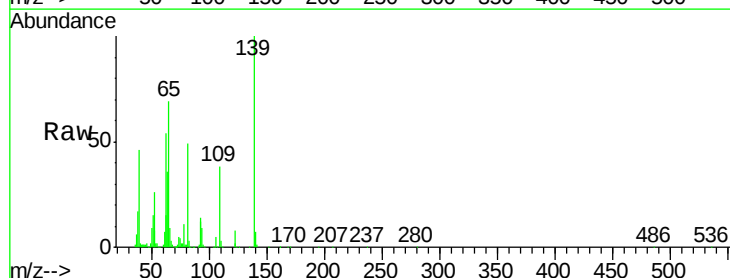
Tgt Ion: 139 Resp: 383116

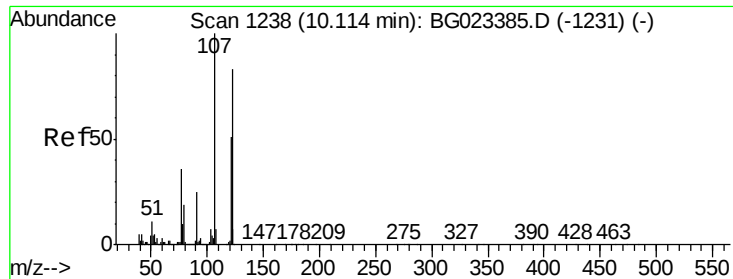
Ion Ratio Lower Upper

139 100

109 38.2 43.5 65.3#

65 69.0 64.3 96.5





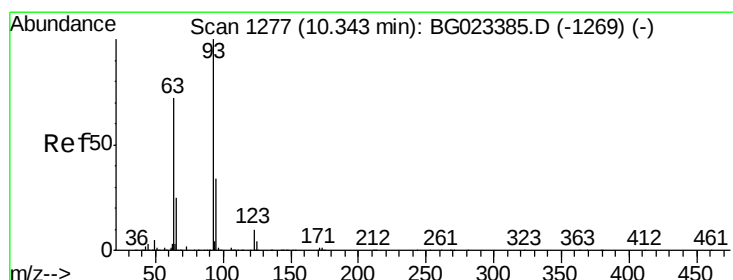
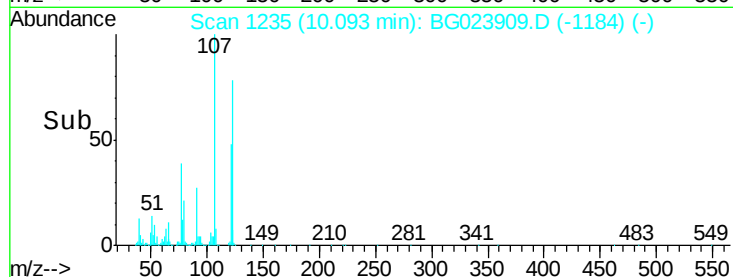
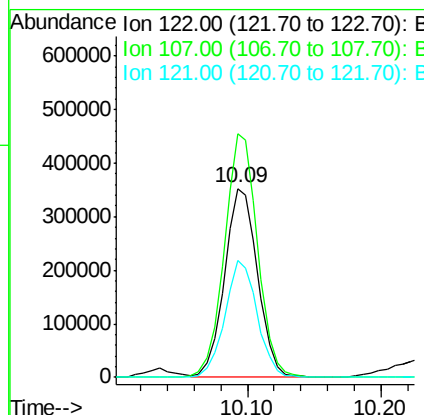
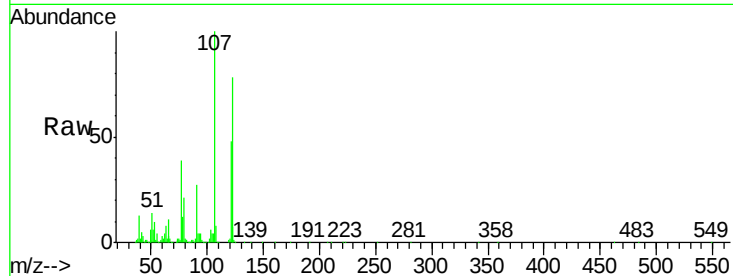
#27
 2,4-Dimethylphenol
 Concen: 40.66 ng
 RT: 10.09 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
122	100		
107	128.9	117.0	175.4
121	61.6	50.1	75.1

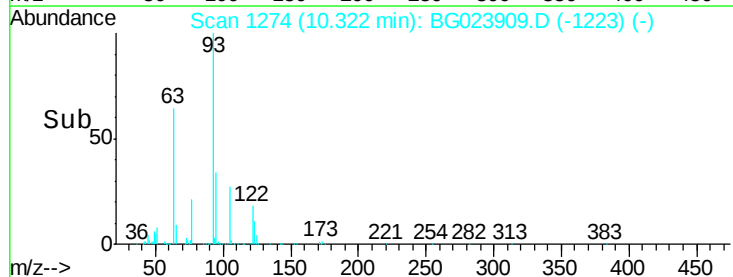
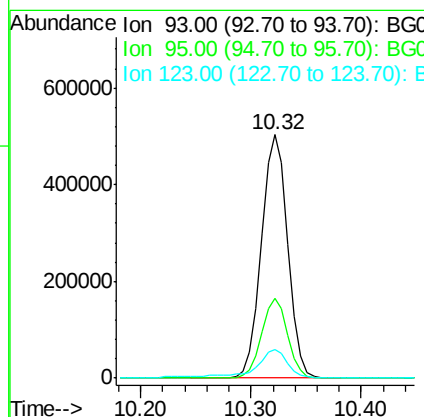
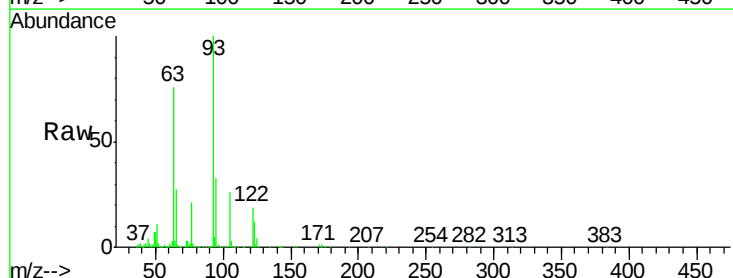
Manual Integrations
 APPROVED

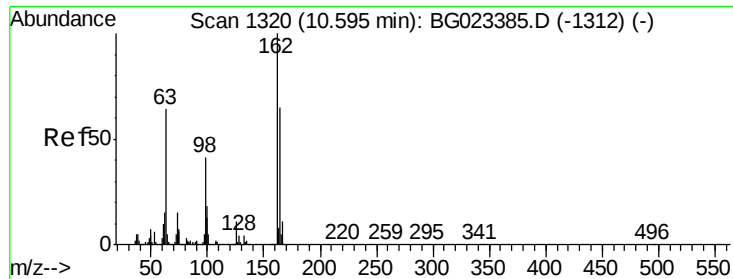
sohil
 8/26/2016 5:56:08 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.55 ng
 RT: 10.32 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.4	38.2
123	11.7	8.2	12.2





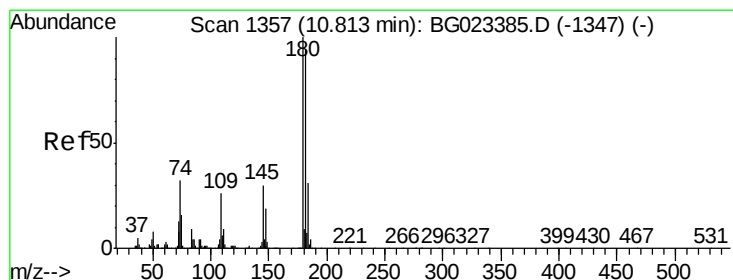
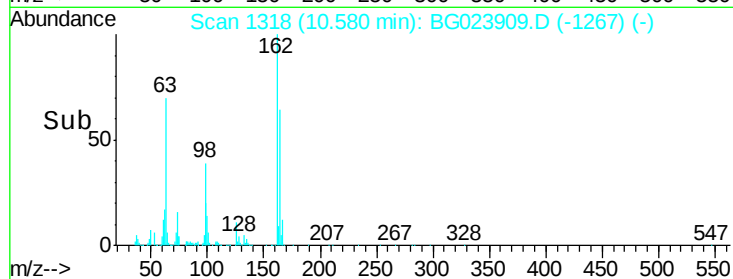
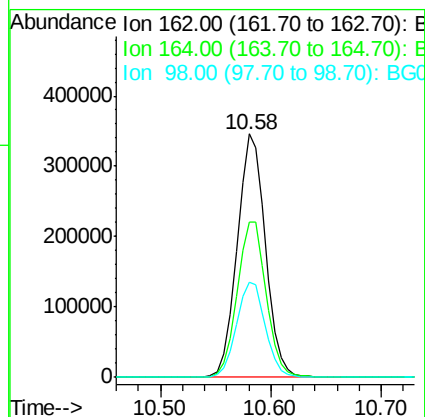
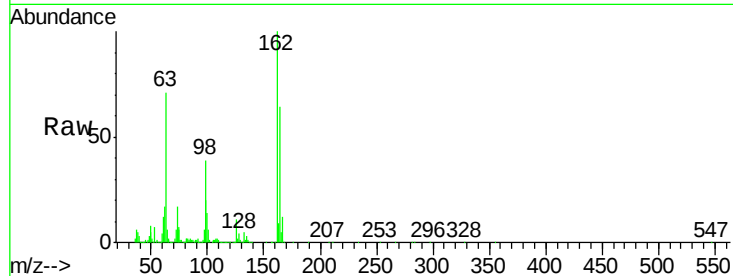
#29
2,4-Dichlorophenol
Concen: 41.41 ng
RT: 10.58 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	622559		
164	64.0	44.3	84.3	
98	39.2	19.5	59.5	

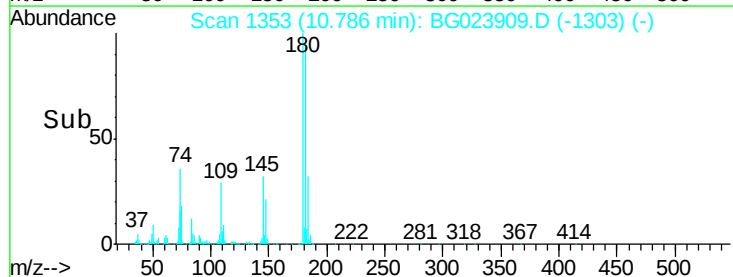
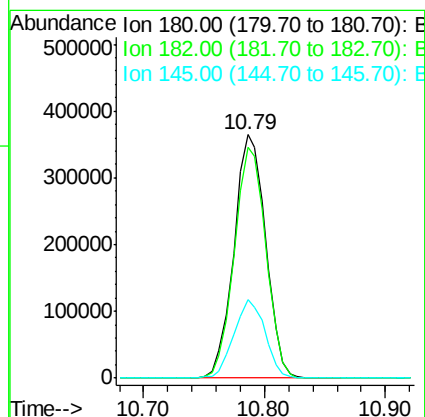
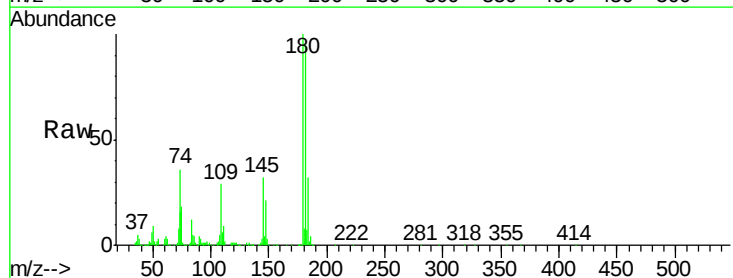
Manual Integrations
APPROVED

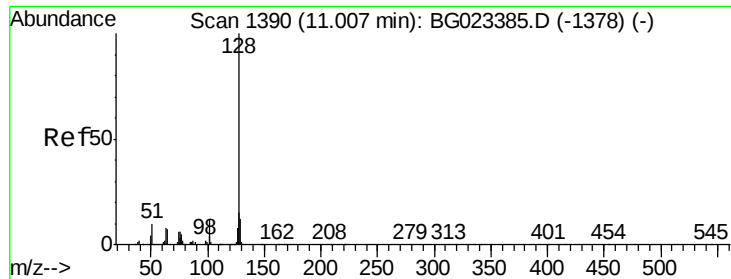
sohil
8/26/2016 5:56:08 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.08 ng
RT: 10.79 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	666121		
182	94.8	73.8	110.8	
145	32.2	24.4	36.6	





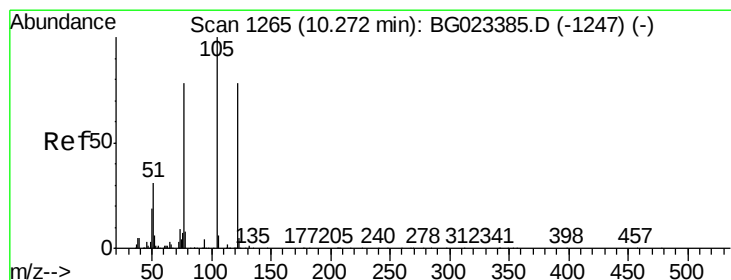
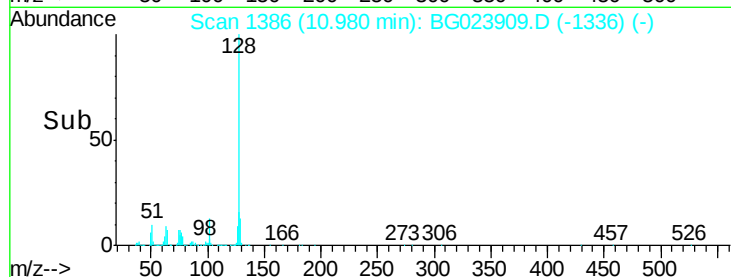
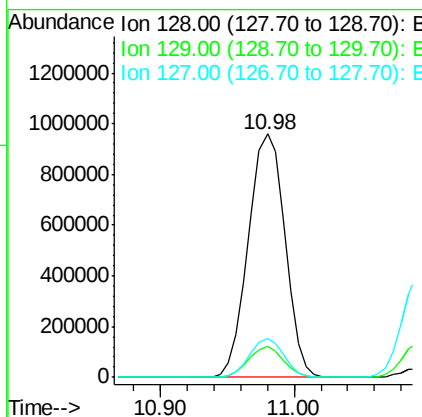
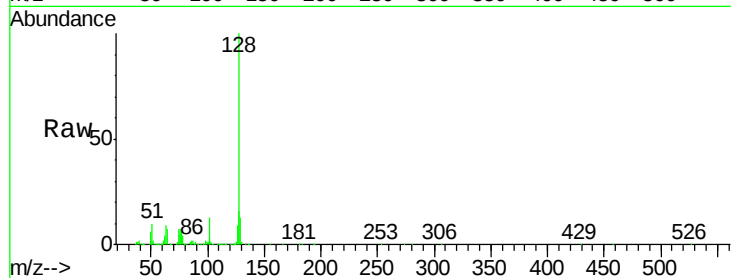
#31
Naphthalene
Concen: 38.32 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.4	14.0
127	16.0	11.3	16.9

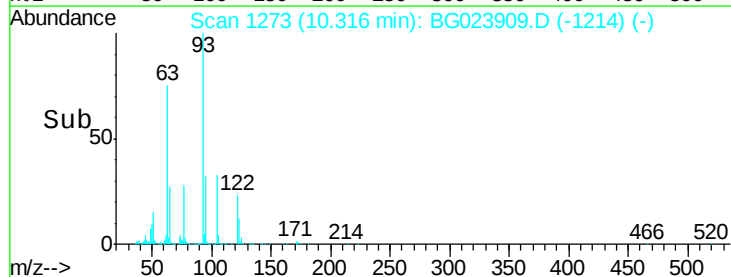
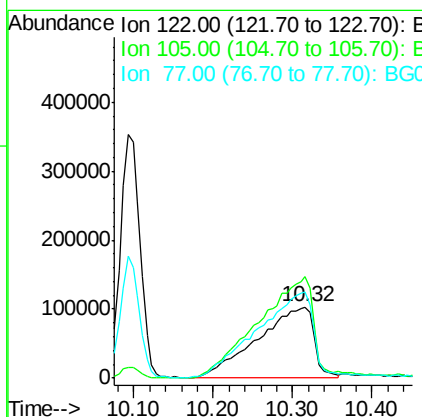
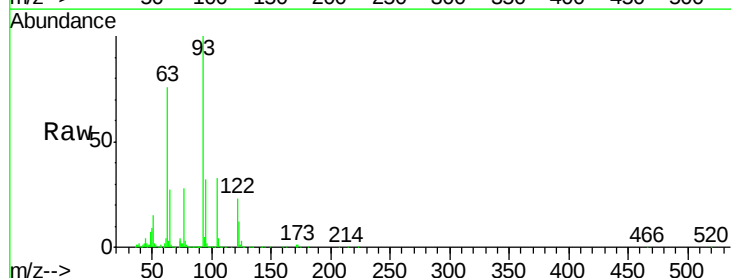
Manual Integrations
APPROVED

sohil
8/26/2016 5:56:08 PM



#32
Benzoic acid
Concen: 38.15 ng
RT: 10.32 min Scan# 1273
Delta R.T. 0.05 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	142.4	117.2	157.2
77	121.3	109.2	149.2





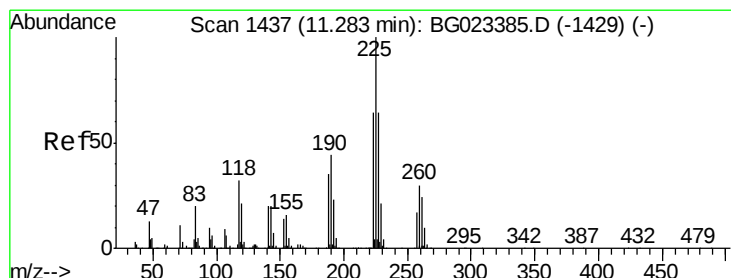
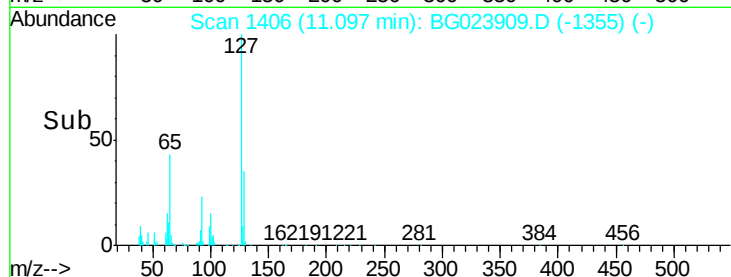
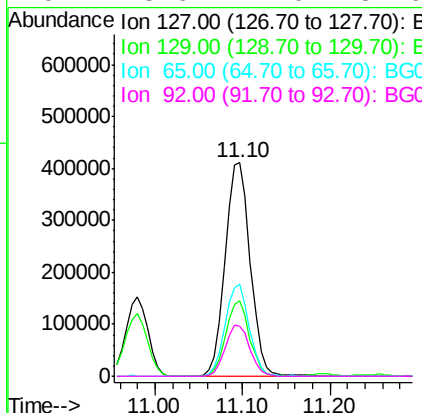
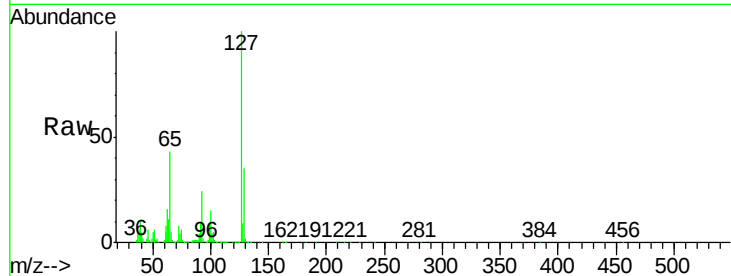
#33
 4-Chloroaniline
 Concen: 35.38 ng
 RT: 11.10 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	35.4	27.9	41.9	
65	43.4	36.8	55.2	
92	23.6	21.0	31.6	

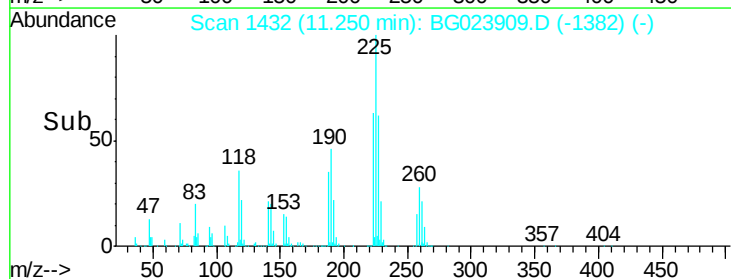
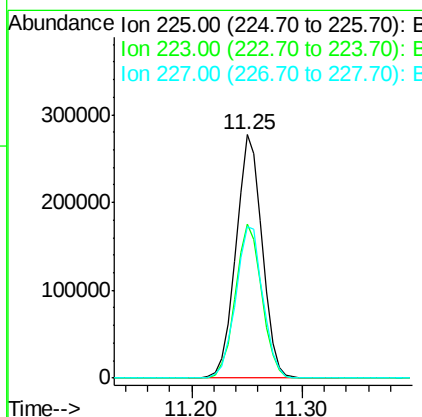
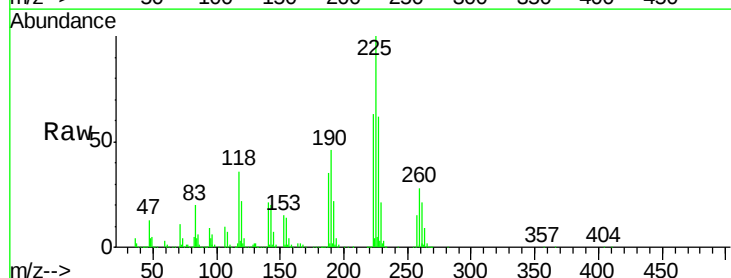
Manual Integrations
 APPROVED

sohil
 8/26/2016 5:56:08 PM



#34
 Hexachlorobutadiene
 Concen: 43.14 ng
 RT: 11.25 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	49.6	74.4	
227	62.4	54.5	81.7	





#35

Caprolactam

Concen: 36.44 ng

RT: 11.92 min Scan# 1546

Delta R.T. 0.04 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Instrument :

BNA_G

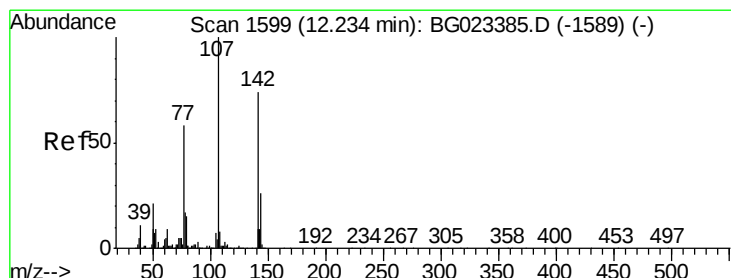
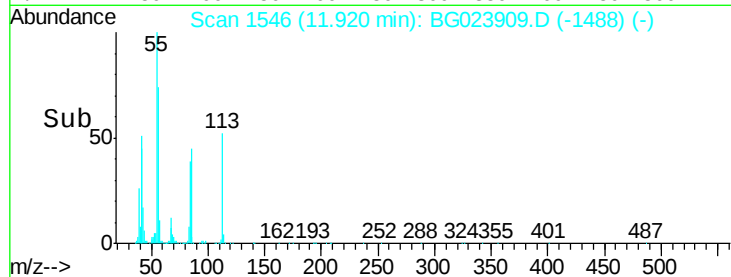
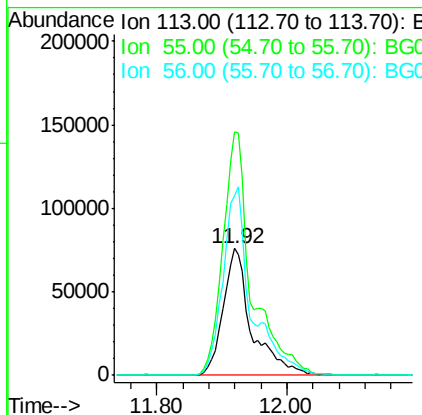
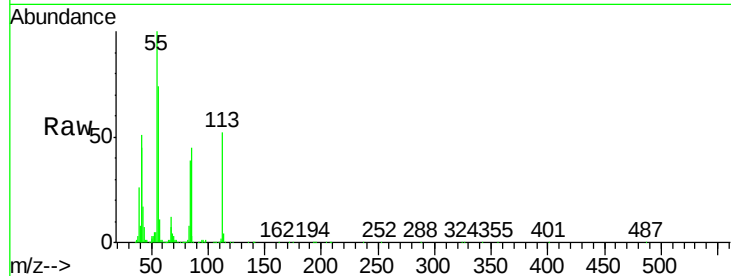
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	113	Resp:	230503
Ion Ratio	Lower	Upper	
113	100		
55	192.0	154.5	194.5
56	142.1	125.1	165.1

Manual Integrations
APPROVED

sohil
8/26/2016 5:56:08 PM



#36

4-Chloro-3-methylphenol

Concen: 39.38 ng

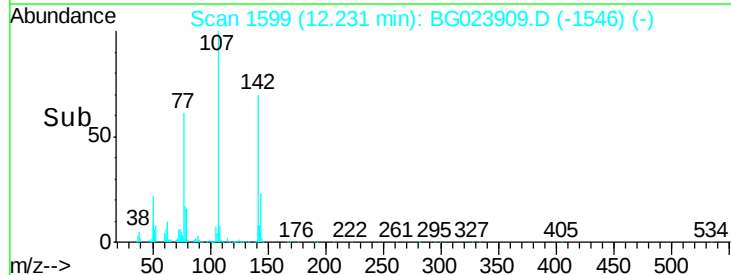
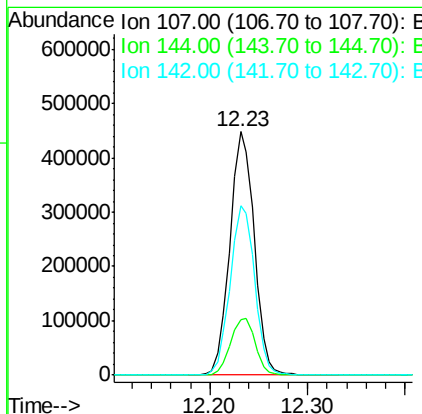
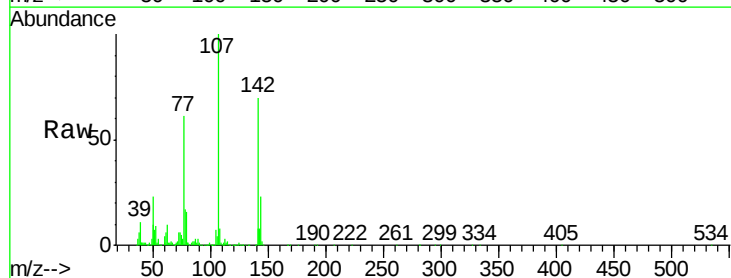
RT: 12.23 min Scan# 1599

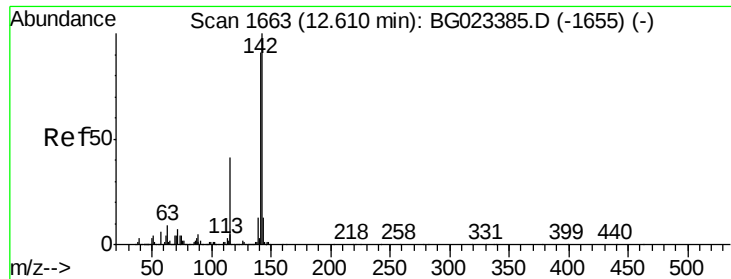
Delta R.T. 0.01 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Tgt Ion:	107	Resp:	777849
Ion Ratio	Lower	Upper	
107	100		
144	22.9	17.0	25.6
142	69.7	53.0	79.6





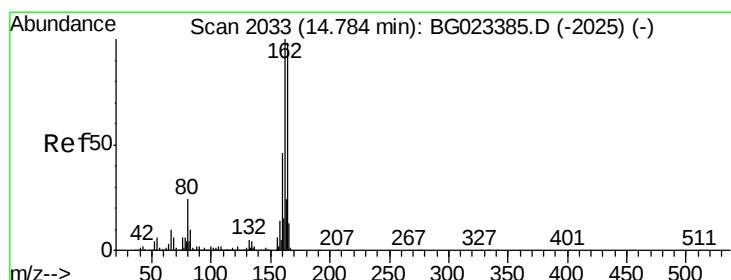
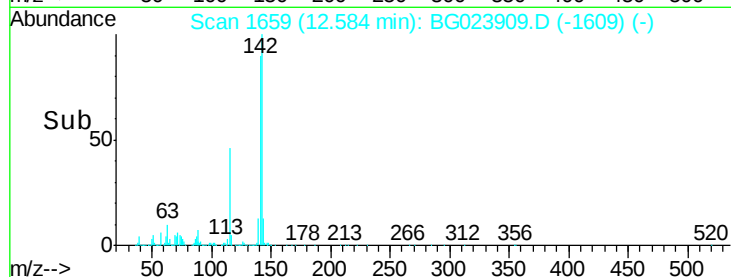
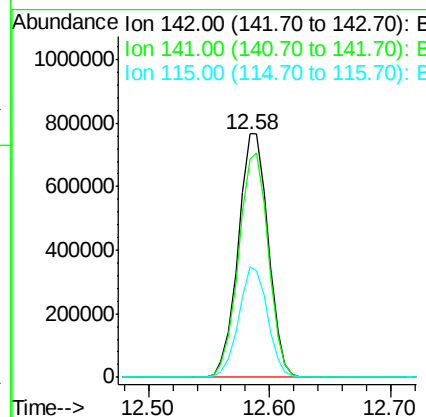
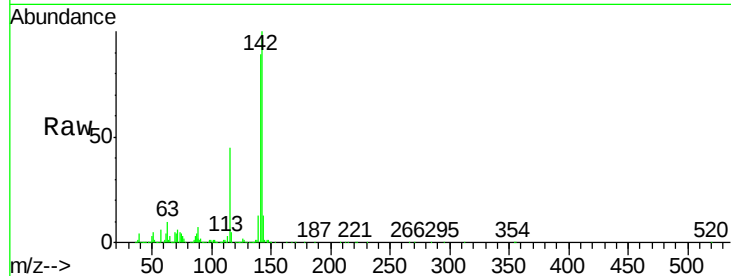
#37
 2-Methylnaphthalene
 Concen: 36.81 ng
 RT: 12.58 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Instrument :
 BNA_G
 ClientSampleID :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.2	105.2
115	45.5	41.7	62.5

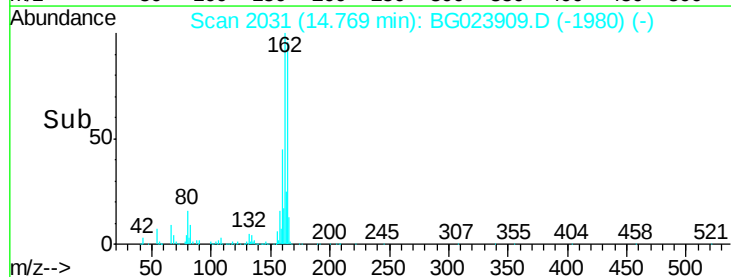
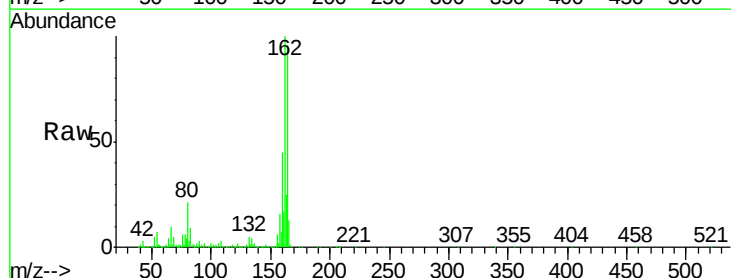
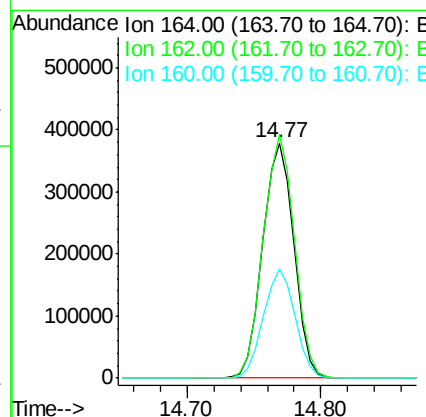
Manual Integrations
 APPROVED

sohil
 8/26/2016 5:56:08 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	87.7	131.5
160	46.6	37.2	55.8





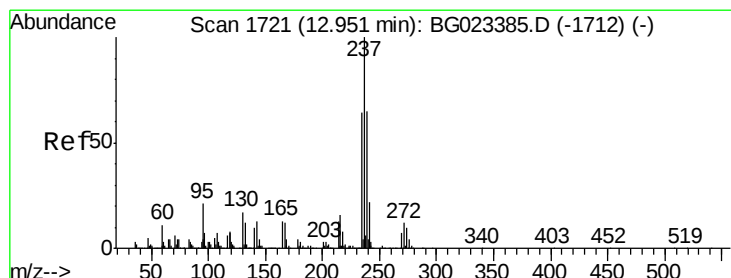
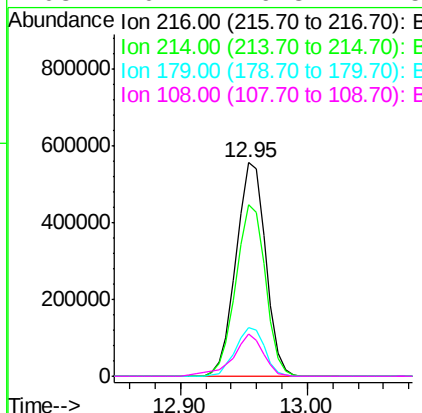
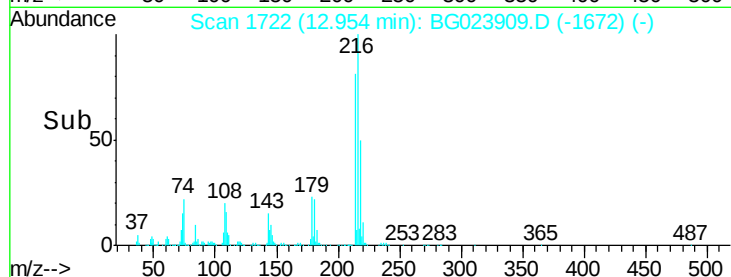
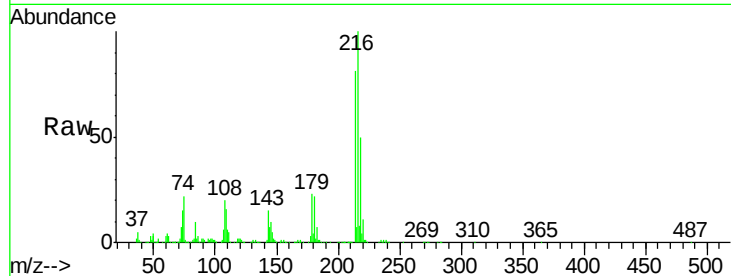
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.60 ng
 RT: 12.95 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	897718		
214	80.2	62.9	94.3	
179	22.4	17.2	25.8	
108	20.1	16.3	24.5	

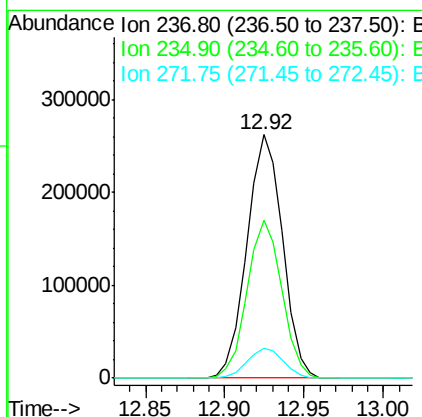
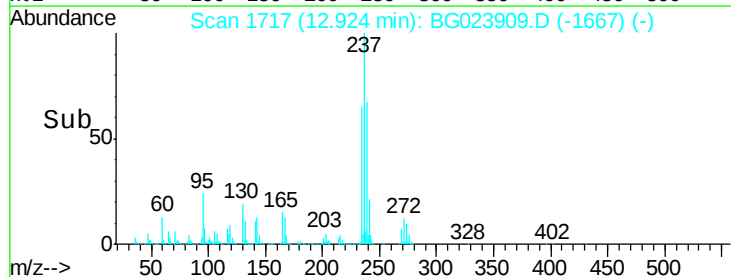
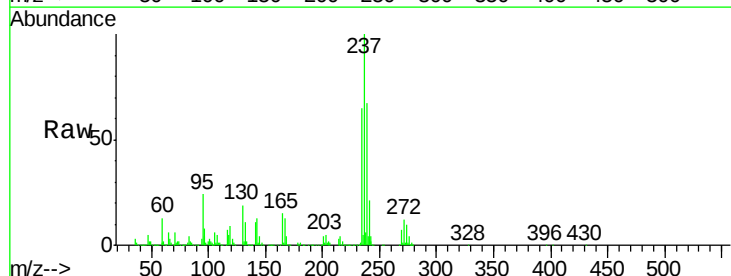
Manual Integrations
 APPROVED

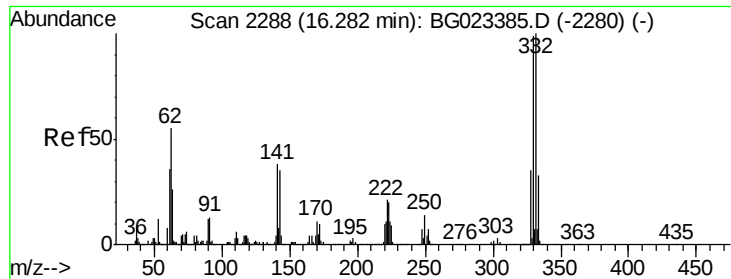
sohil
 8/26/2016 5:56:08 PM



#40
 Hexachlorocyclopentadiene
 Concen: 36.67 ng
 RT: 12.92 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	408875		
235	64.7	43.1	83.1	
272	12.4	0.0	30.9	





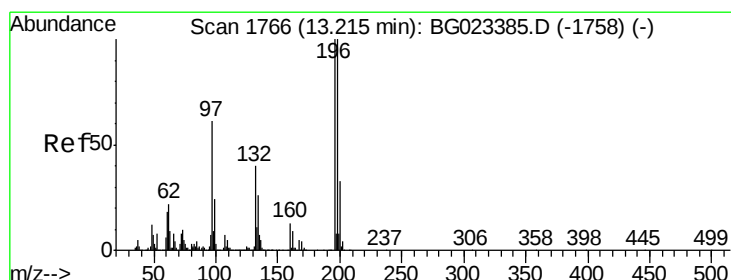
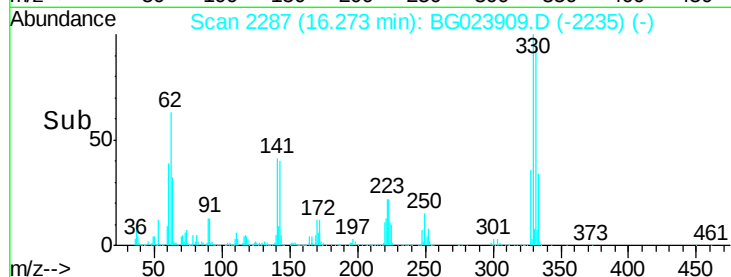
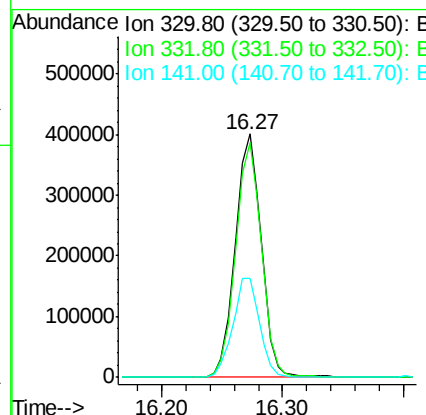
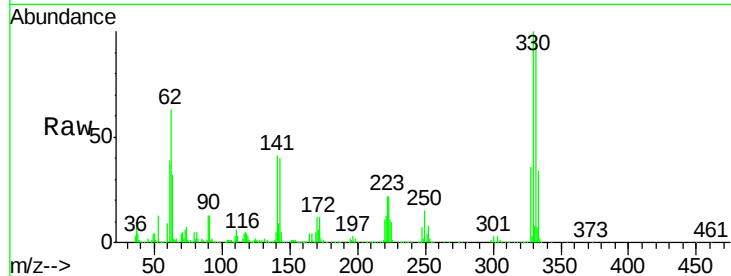
#41
 2,4,6-Tribromophenol
 Concen: 67.82 ng
 RT: 16.27 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	604810		
332	95.9	77.4	116.2	
141	42.0	31.7	47.5	

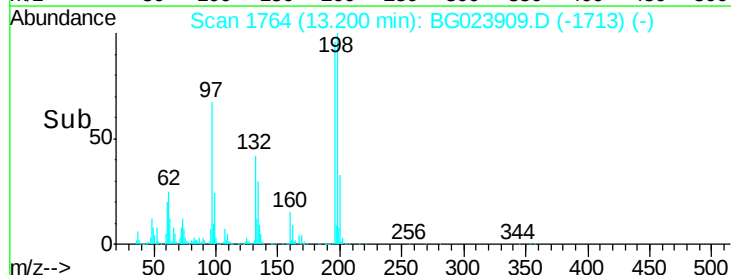
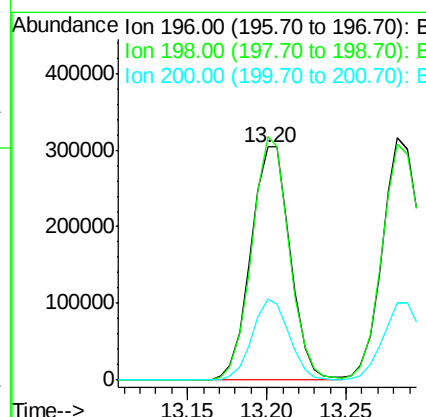
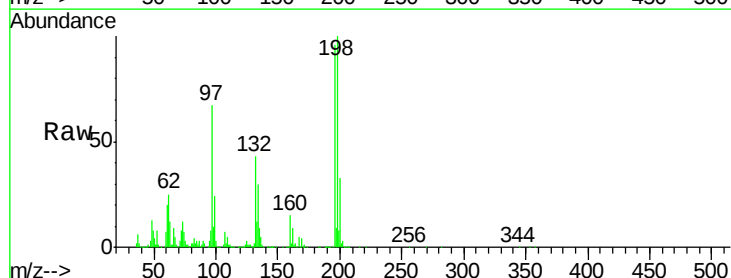
Manual Integrations
 APPROVED

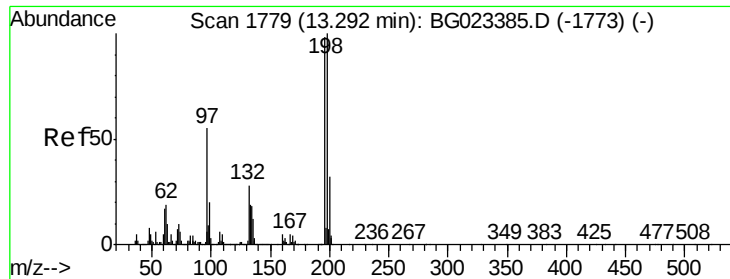
sohil
 8/26/2016 5:56:08 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.78 ng
 RT: 13.20 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	523945		
198	104.5	78.2	117.2	
200	34.5	27.0	40.4	





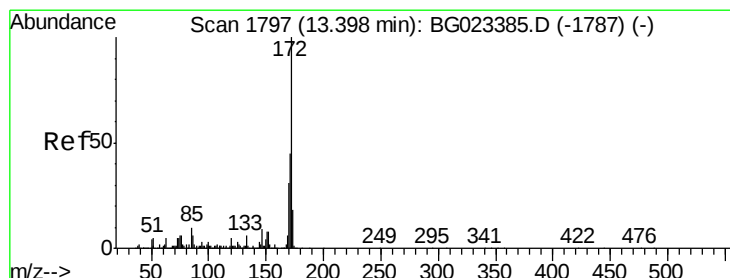
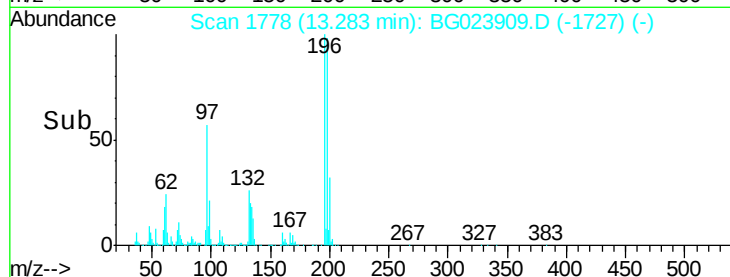
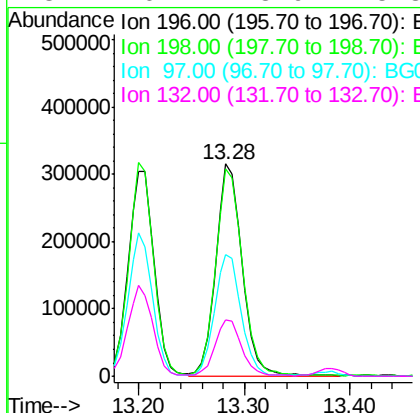
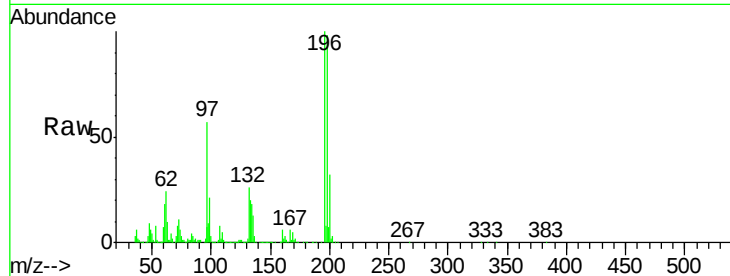
#43
 2,4,5-Trichlorophenol
 Concen: 40.35 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	547061		
198	97.8	85.7	128.5	
97	57.3	45.5	68.3	
132	26.4	18.9	28.3	

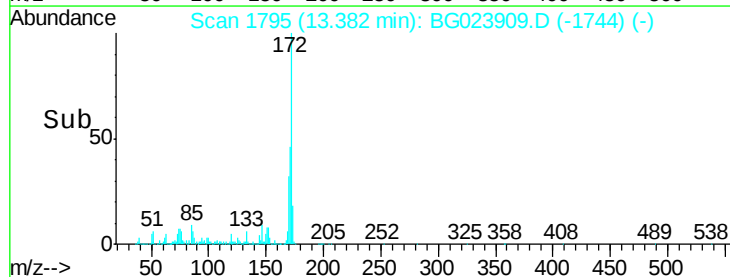
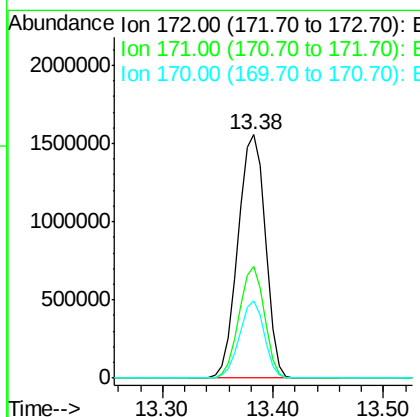
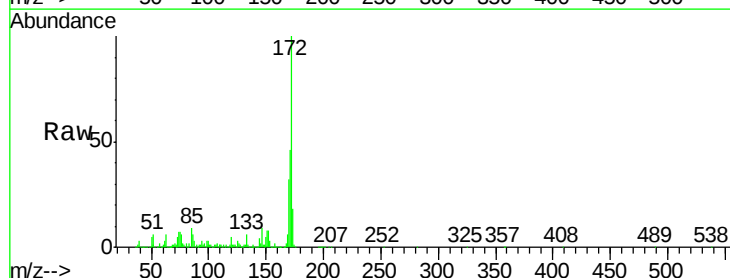
Manual Integrations
 APPROVED

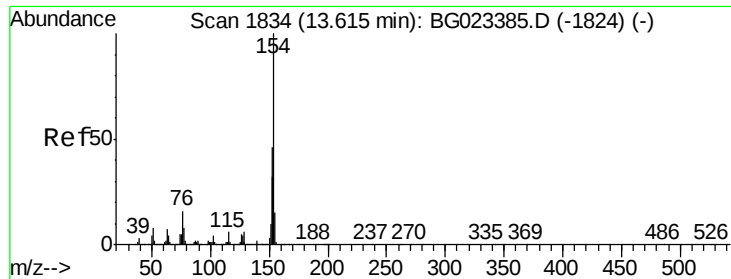
sohil
 8/26/2016 5:56:08 PM



#44
 2-Fluorobiphenyl
 Concen: 75.09 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2714331		
171	46.0	31.6	47.4	
170	32.0	21.3	31.9	





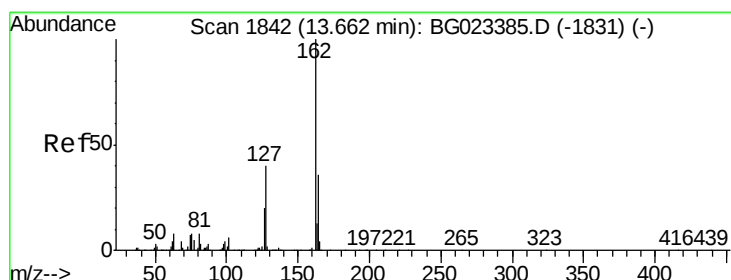
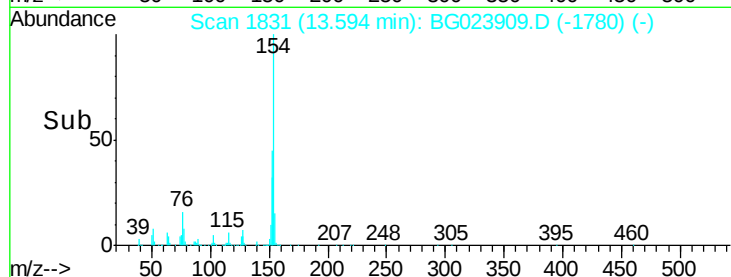
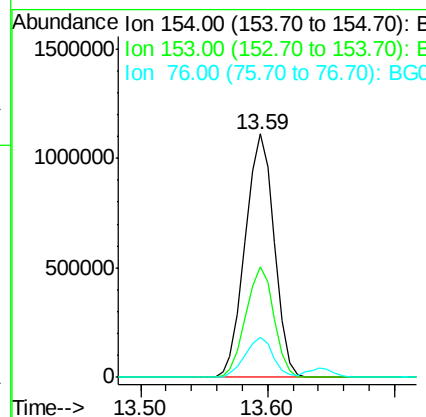
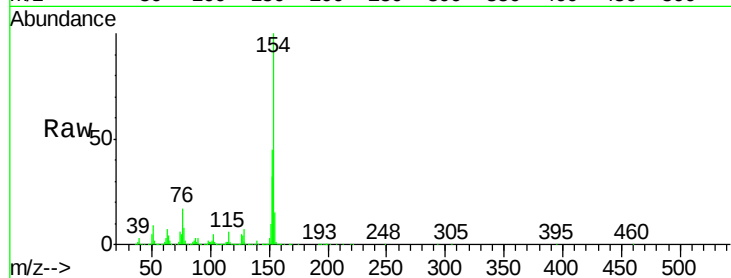
#45
 1,1'-Biphenyl
 Concen: 37.89 ng
 RT: 13.59 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.4	20.2	60.2
76	16.6	0.0	32.9

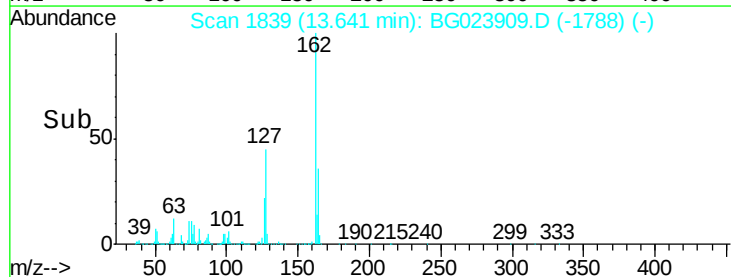
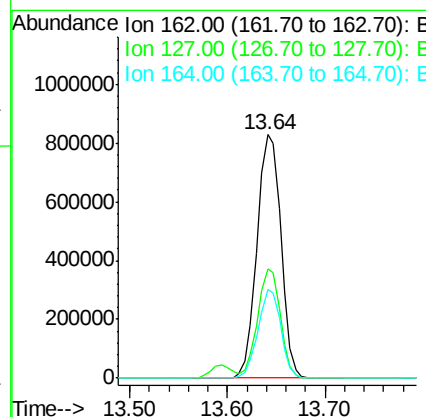
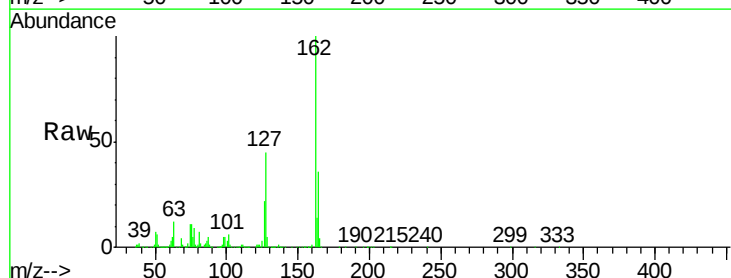
Manual Integrations
 APPROVED

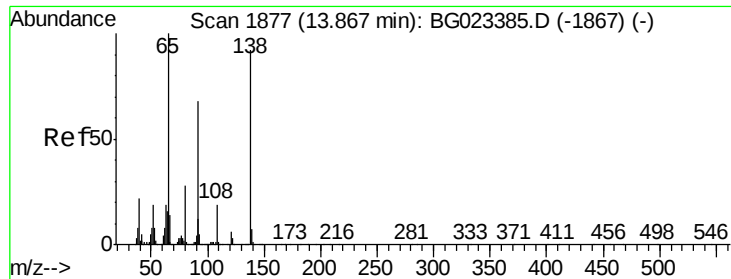
sohil
 8/26/2016 5:56:08 PM



#46
 2-Chloronaphthalene
 Concen: 39.29 ng
 RT: 13.64 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.7	32.4	48.6
164	36.5	25.2	37.8





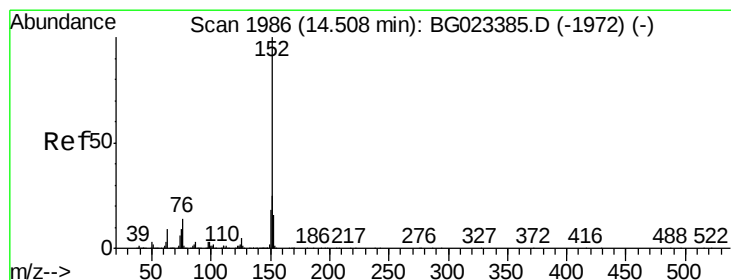
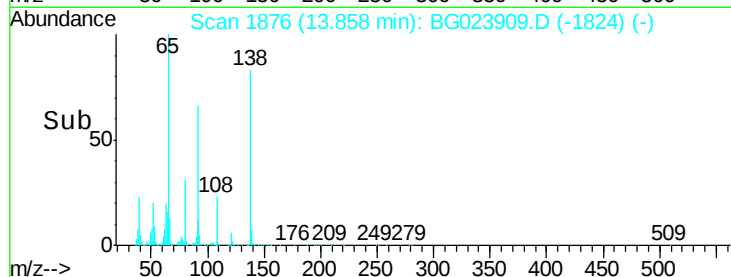
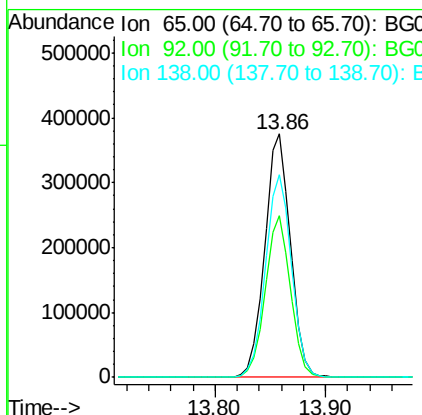
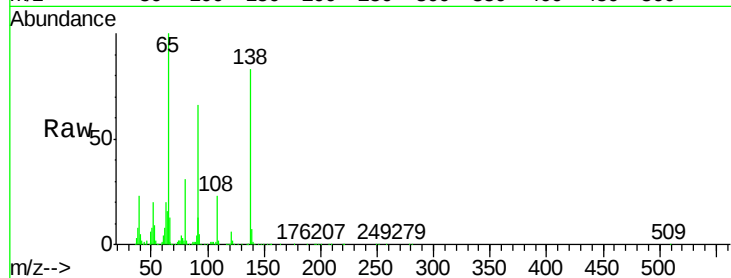
#47
2-Nitroaniline
Concen: 40.80 ng
RT: 13.86 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	49.4	74.0
138	83.3	58.0	87.0

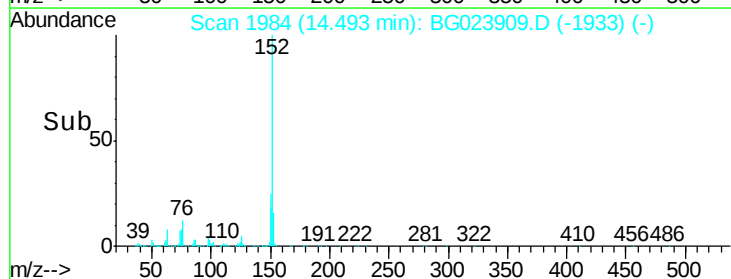
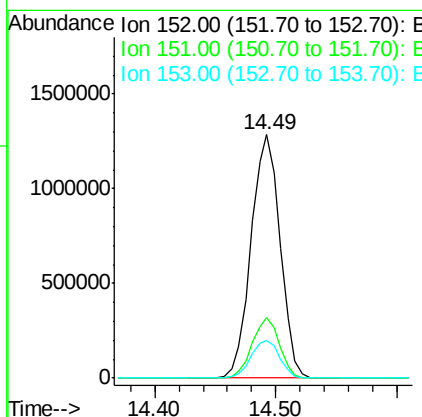
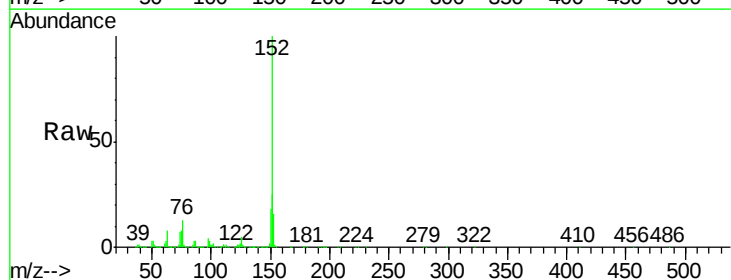
Manual Integrations
APPROVED

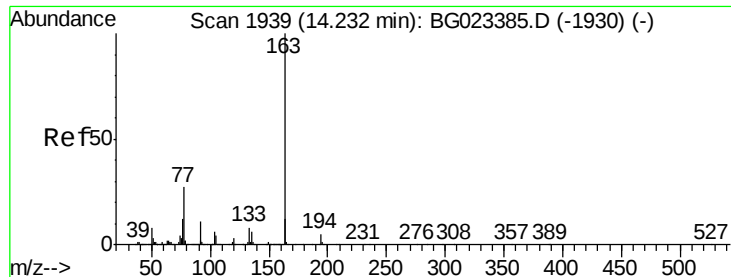
sohil
8/26/2016 5:56:08 PM



#48
Acenaphthylene
Concen: 37.77 ng
RT: 14.49 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	25.0	17.6	26.4
153	15.6	11.4	17.2





#49

Dimethylphthalate

Concen: 39.63 ng

RT: 14.22 min Scan# 1938

Delta R.T. 0.01 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:163 Resp: 1853563

Ion Ratio Lower Upper

163 100

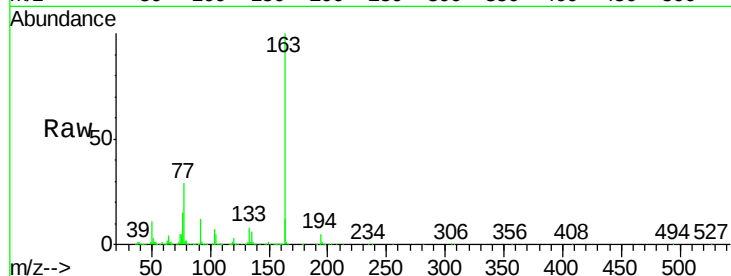
194 4.5 3.6 5.4

164 11.5 8.1 12.1

Manual Integrations
APPROVED

sohil

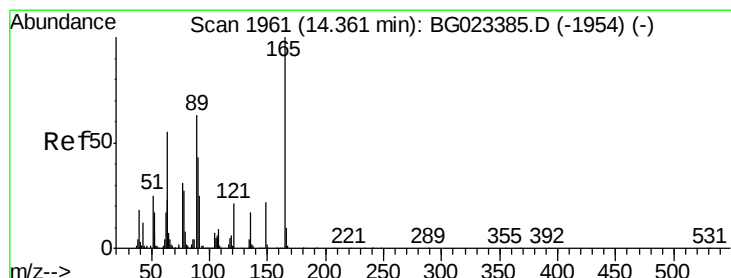
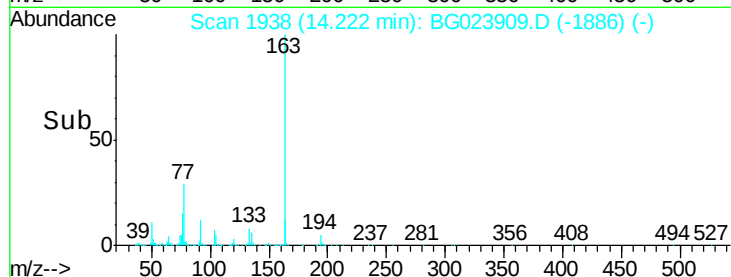
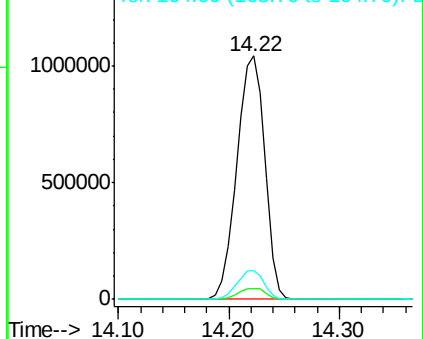
8/26/2016 5:56:08 PM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.78 ng

RT: 14.35 min Scan# 1960

Delta R.T. 0.01 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

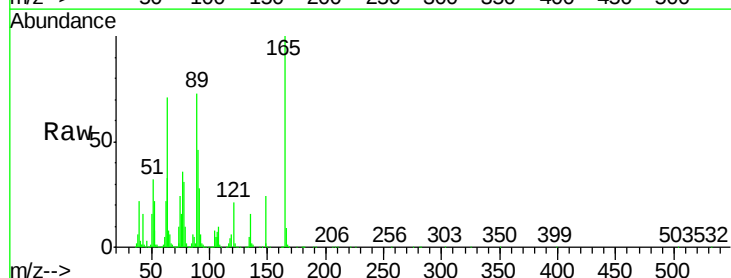
Tgt Ion:165 Resp: 440635

Ion Ratio Lower Upper

165 100

63 71.1 64.3 96.5

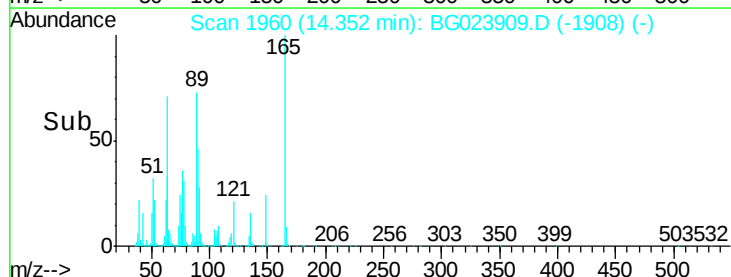
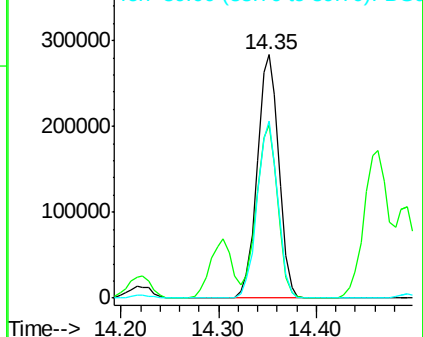
89 72.9 64.3 96.5

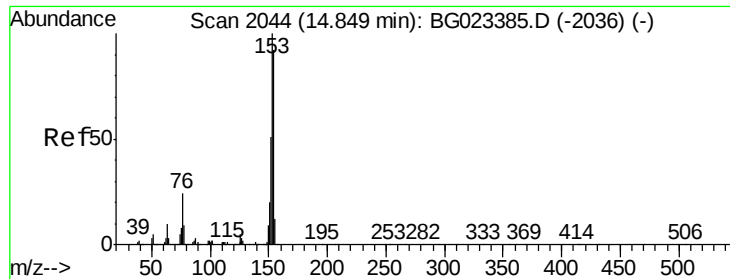


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 38.53 ng

RT: 14.83 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Instrument :

BNA_G

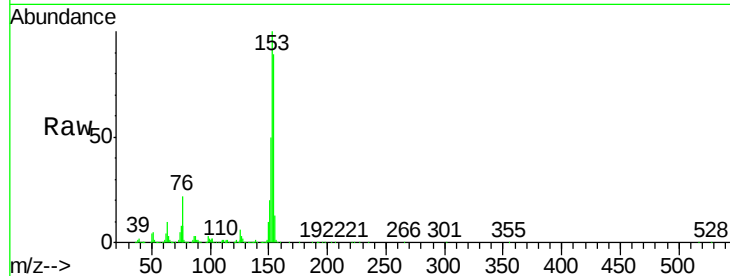
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	87.5	131.3
152	56.5	42.7	64.1

Manual Integrations
APPROVED

sohil
8/26/2016 5:56:08 PM

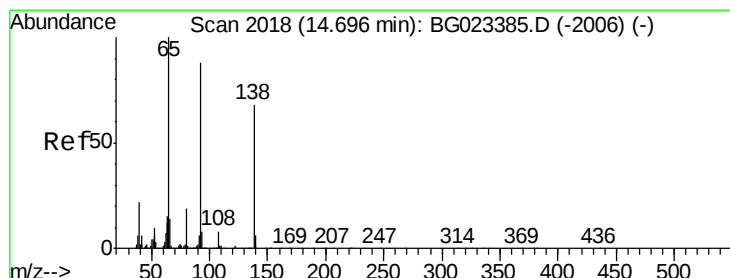
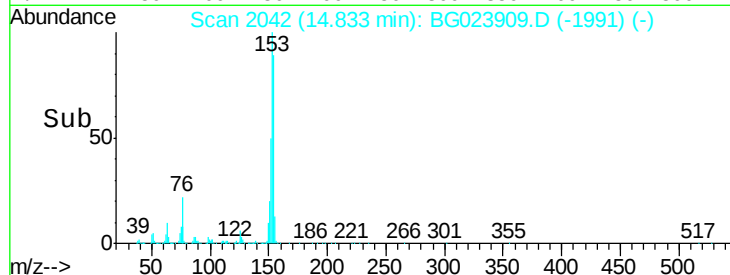
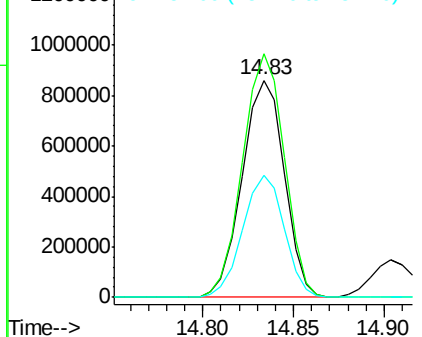


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.20 ng

RT: 14.69 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

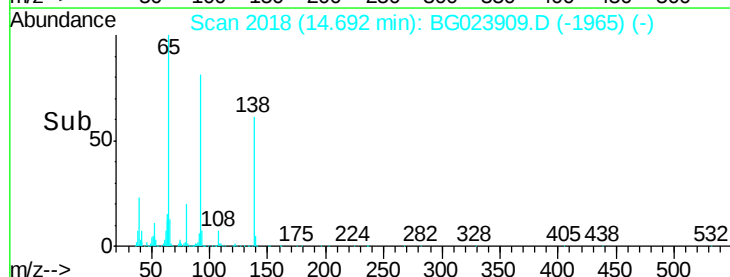
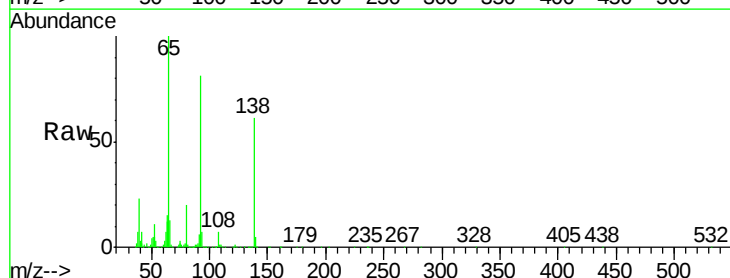
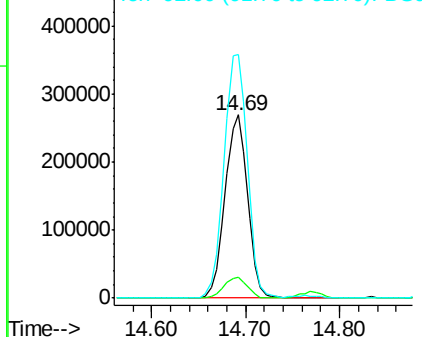
Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.7	11.7	17.5#
92	133.1	129.7	194.5

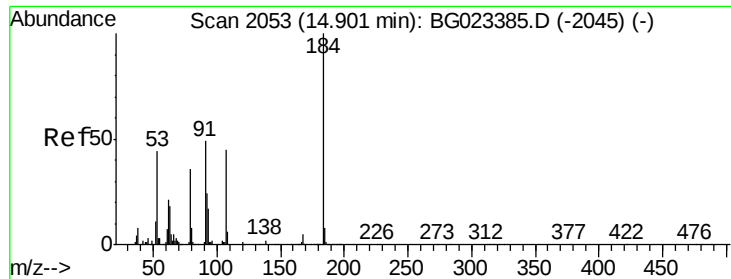
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





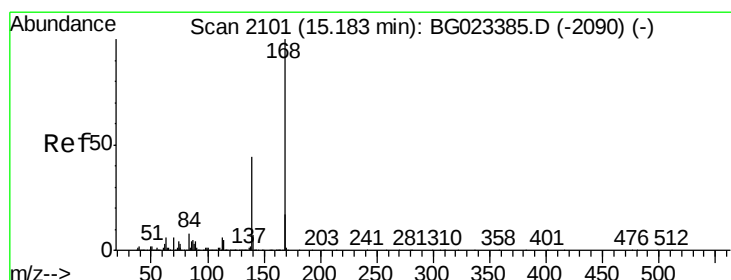
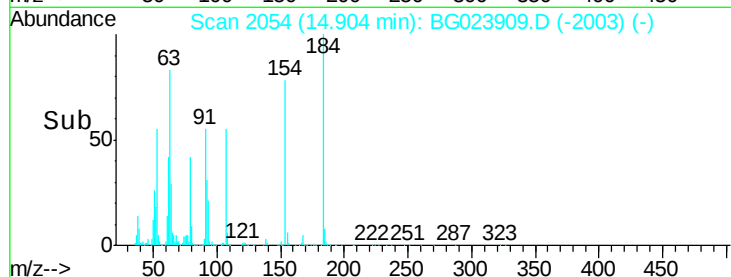
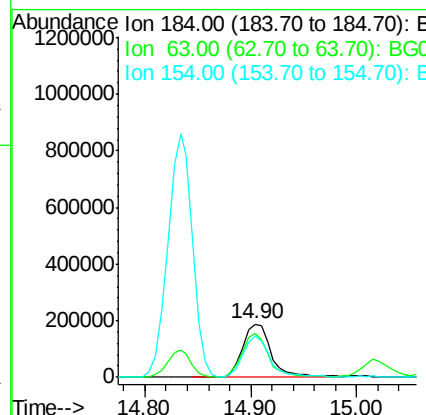
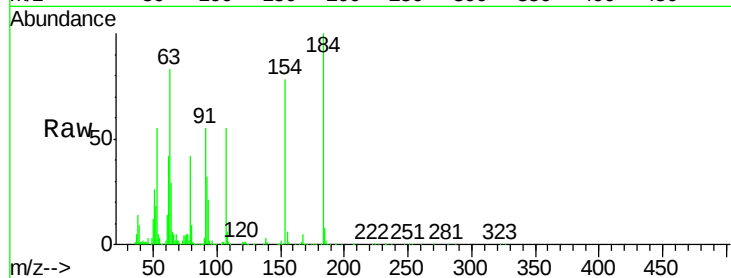
#53
2,4-Dinitrophenol
Concen: 49.45 ng
RT: 14.90 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	351151		
63	82.7	59.6	89.4	
154	78.4	67.4	101.0	

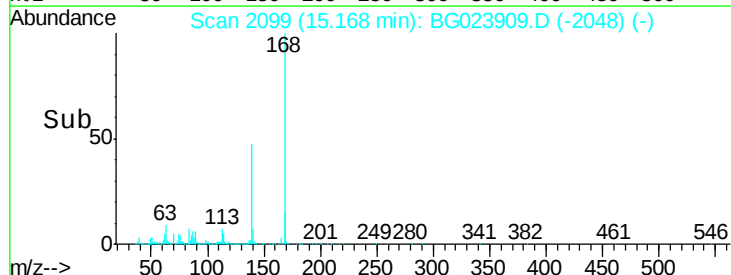
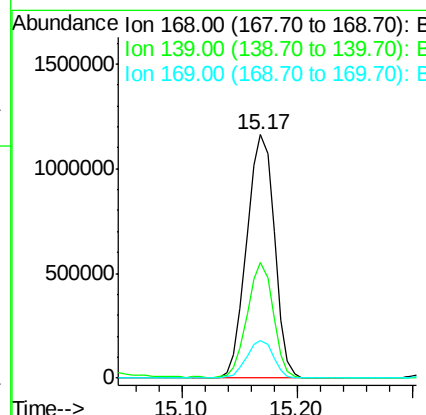
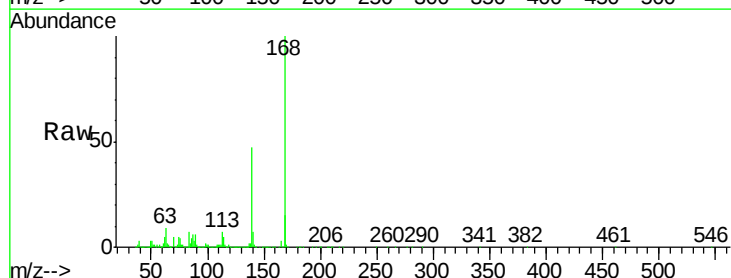
Manual Integrations
APPROVED

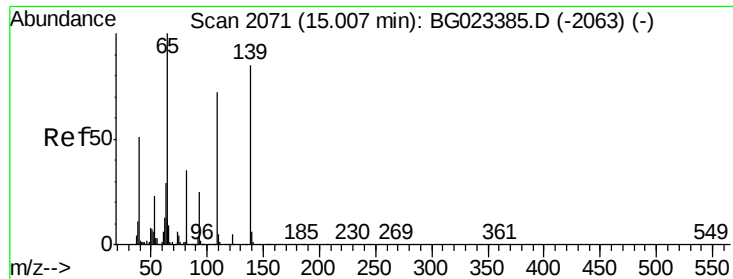
sohil
8/26/2016 5:56:08 PM



#54
Dibenzofuran
Concen: 37.07 ng
RT: 15.17 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1943410		
139	47.4	36.4	54.6	
169	15.4	11.9	17.9	





#55

4-Nitrophenol

Concen: 31.19 ng

RT: 15.02 min Scan# 2073

Delta R.T. 0.01 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Instrument :

BNA_G

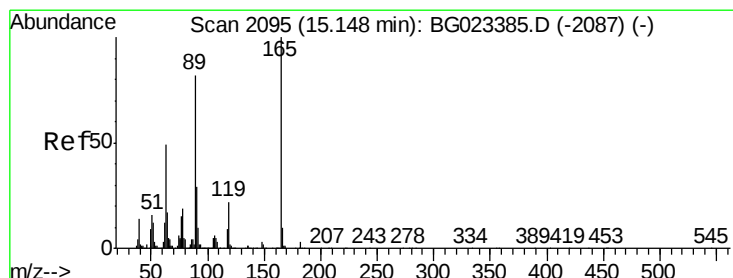
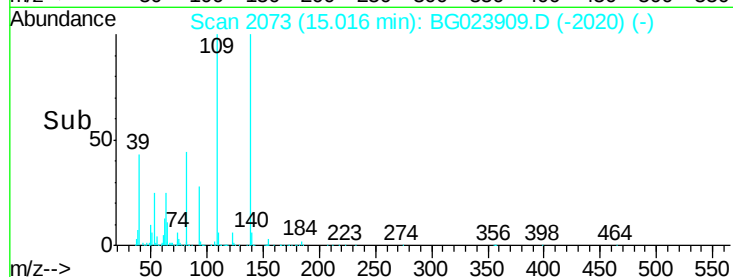
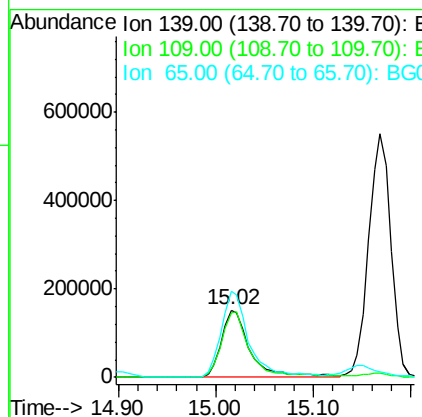
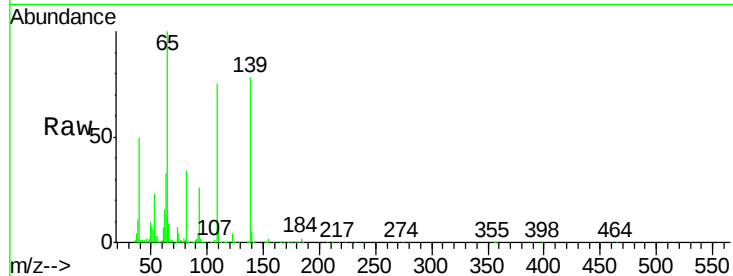
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.0	103.0	143.0#
65	128.7	112.7	152.7

Manual Integrations
APPROVED

sohil
8/26/2016 5:56:08 PM



#56

2,4-Dinitrotoluene

Concen: 40.01 ng

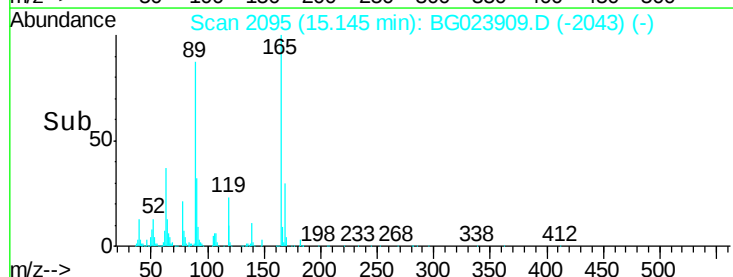
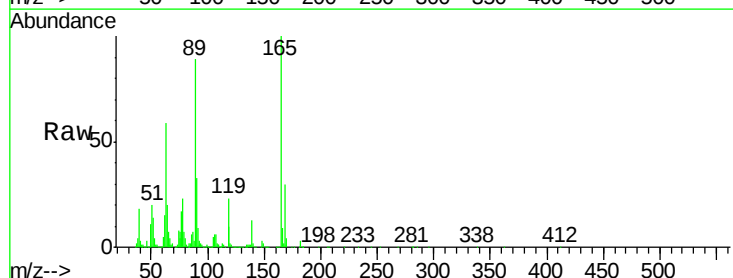
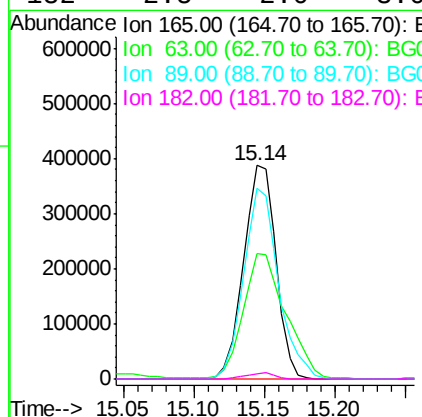
RT: 15.14 min Scan# 2095

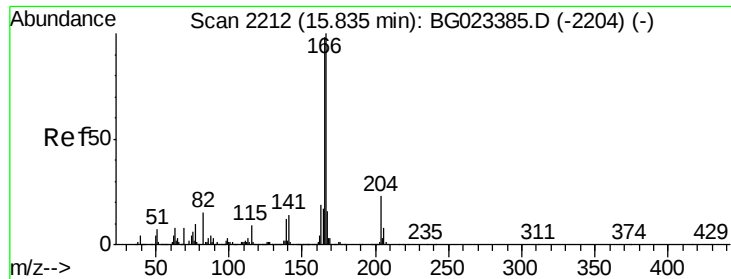
Delta R.T. 0.01 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.6	45.8	68.6
89	89.3	68.6	102.8
182	2.5	2.0	3.0





#57

Fluorene

Concen: 37.43 ng

RT: 15.82 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion:166 Resp: 1712229

Ion Ratio Lower Upper

166 100

165 99.4 81.0 121.6

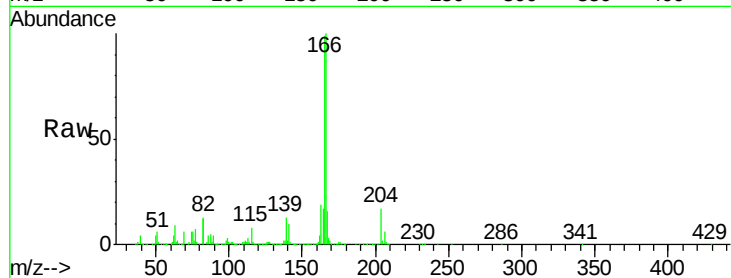
167 16.4 12.0 18.0

Manual Integrations

APPROVED

sohil

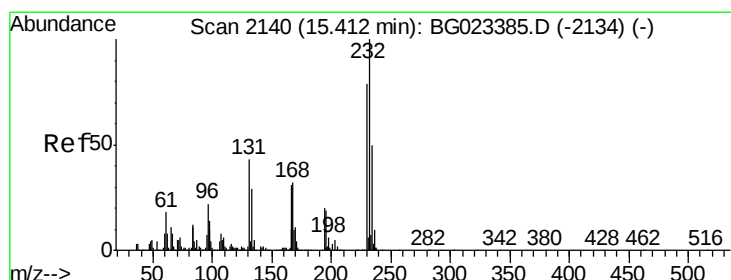
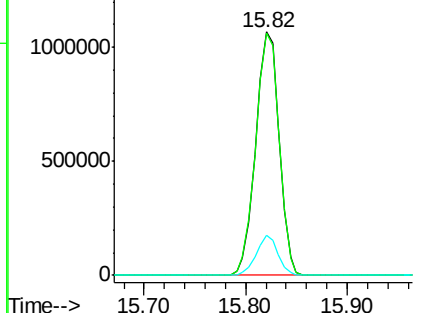
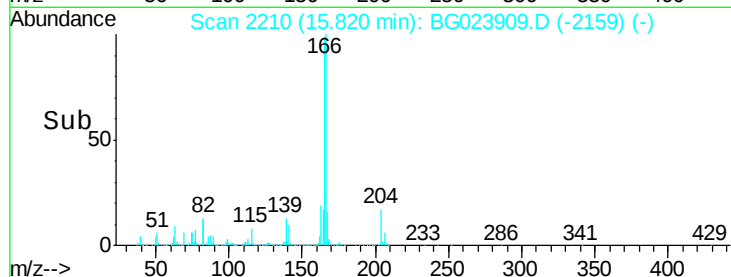
8/26/2016 5:56:08 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.09 ng

RT: 15.40 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Tgt Ion:232 Resp: 448990

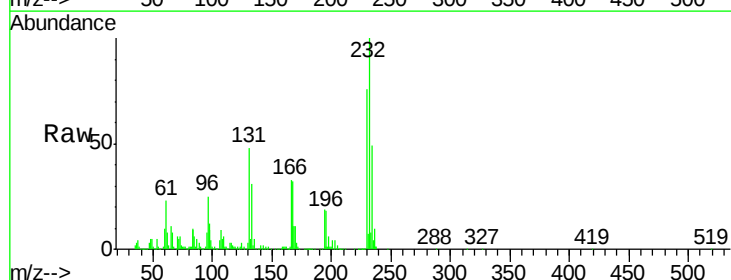
Ion Ratio Lower Upper

232 100

131 47.7 32.7 49.1

130 3.1 2.6 3.8

166 31.5 23.0 34.6

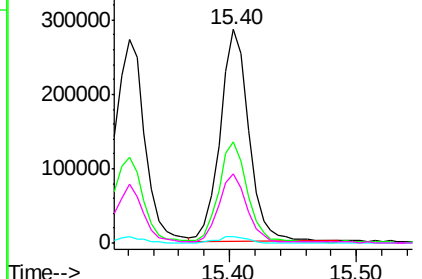
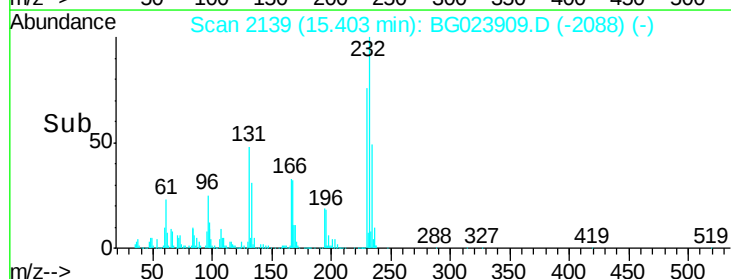


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





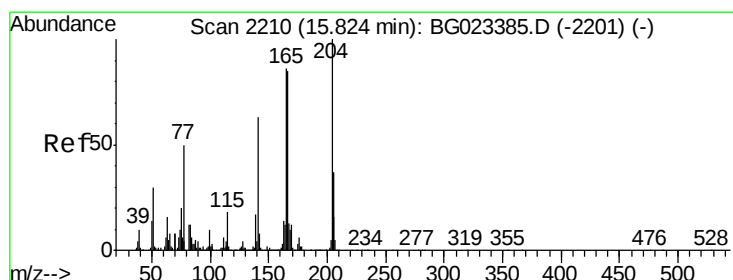
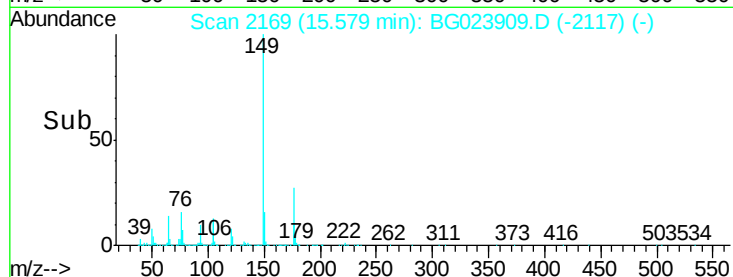
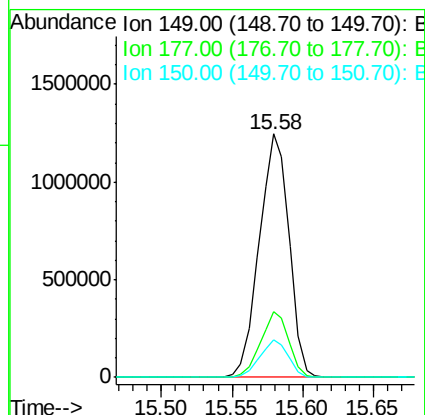
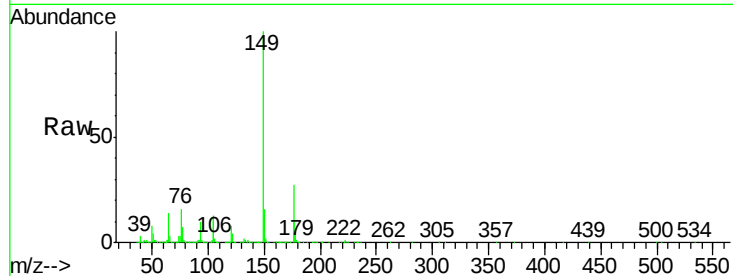
#59
Diethylphthalate
Concen: 38.86 ng
RT: 15.58 min Scan# 2169
Delta R.T. 0.01 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.9	19.2	28.8
150	15.6	10.6	16.0

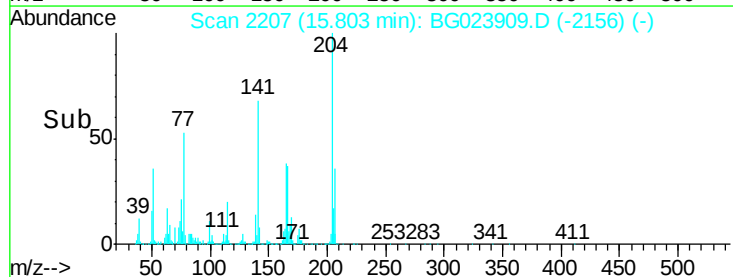
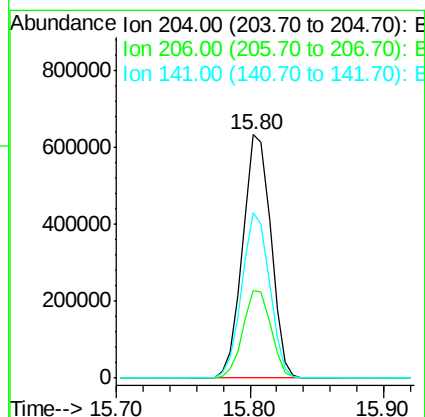
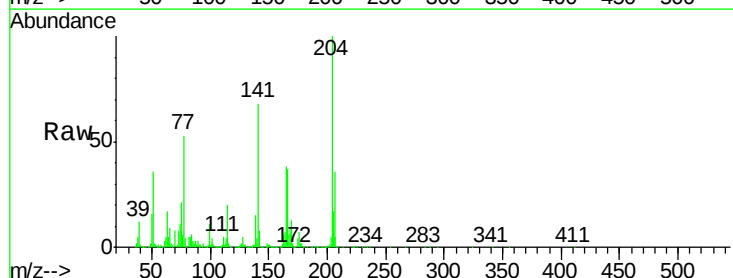
Manual Integrations
APPROVED

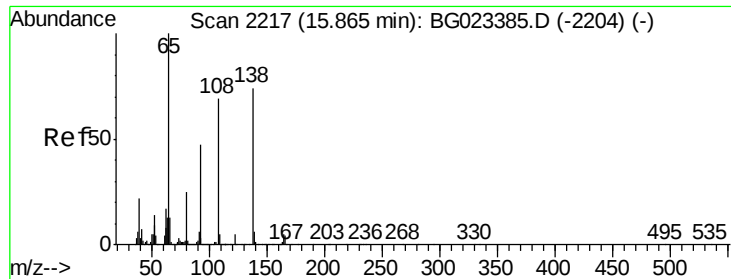
sohil
8/26/2016 5:56:08 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.11 ng
RT: 15.80 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.9	28.5	42.7
141	67.8	51.4	77.0





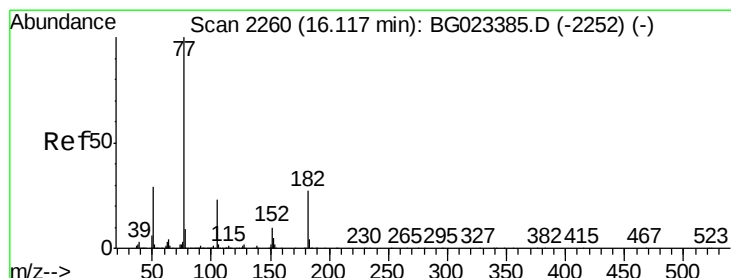
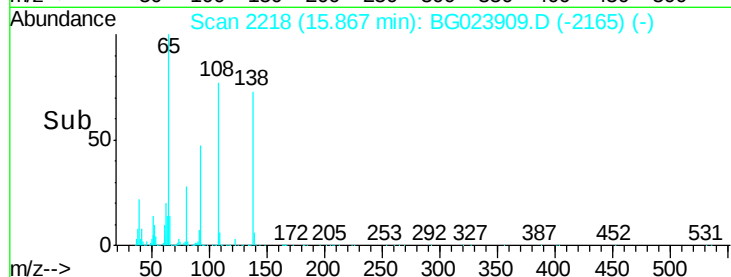
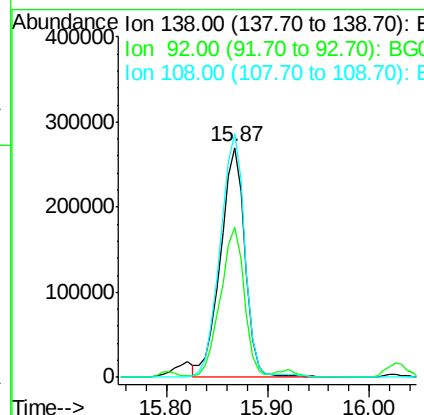
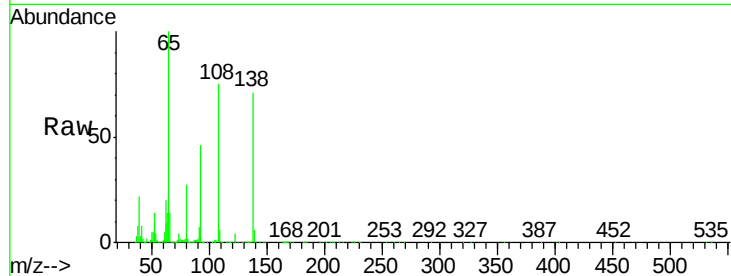
#61
4-Nitroaniline
Concen: 33.95 ng
RT: 15.87 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
138	100		
92	65.2	54.1	94.1
108	105.8	133.9	173.9#

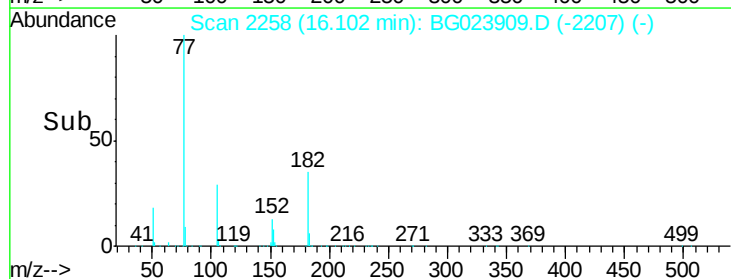
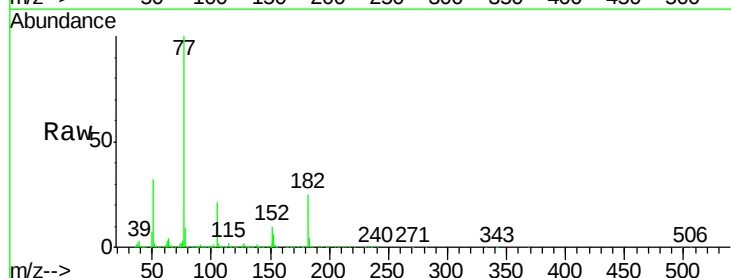
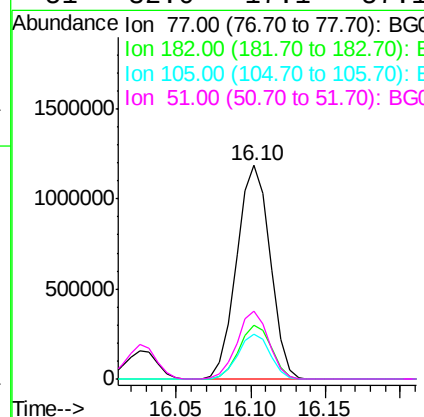
Manual Integrations
APPROVED

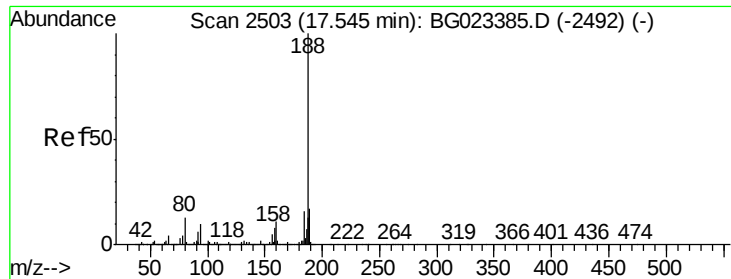
sohil
8/26/2016 5:56:08 PM



#62
Azobenzene
Concen: 38.45 ng
RT: 16.10 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.1	3.5	43.5
105	20.8	0.0	38.5
51	32.0	17.1	57.1





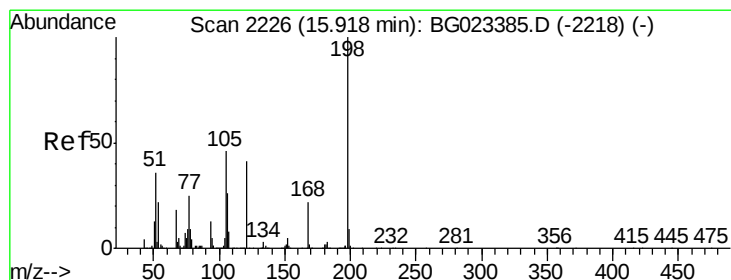
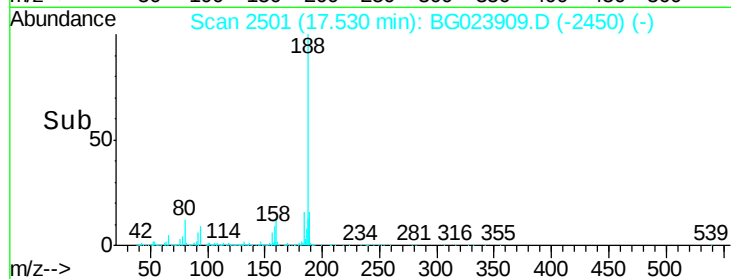
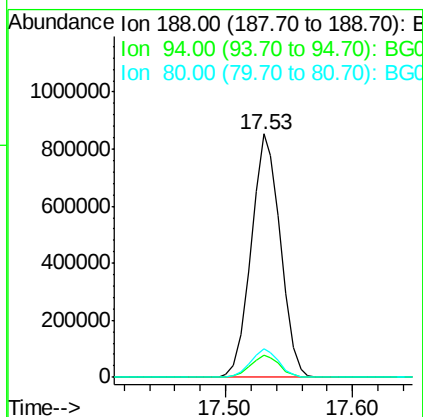
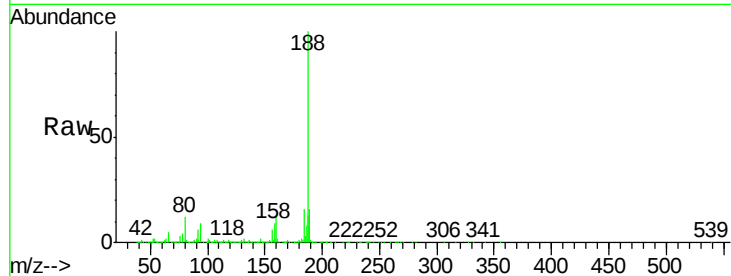
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	5.2	7.8#
80	11.5	7.2	10.8#

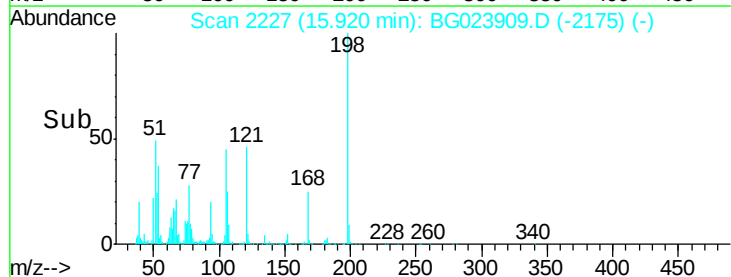
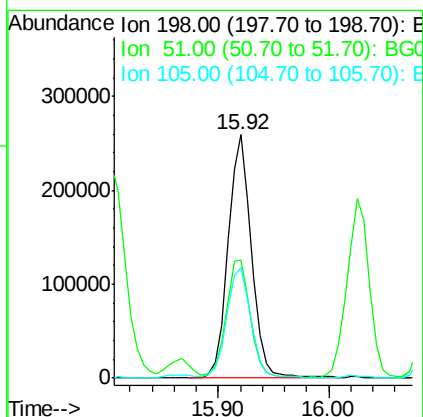
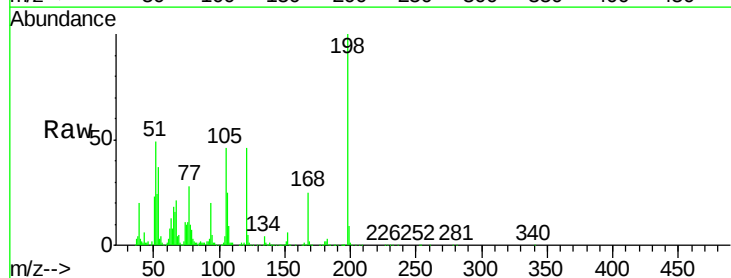
Manual Integrations
 APPROVED

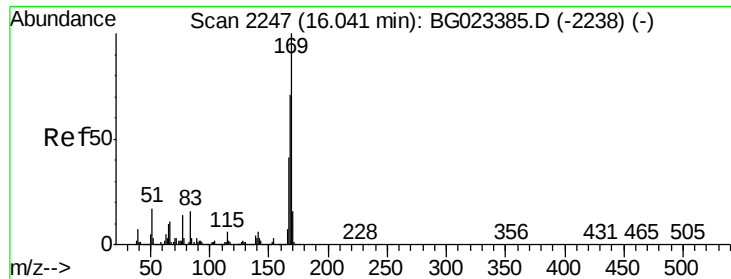
sohil
 8/26/2016 5:56:08 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.60 ng
 RT: 15.92 min Scan# 2227
 Delta R.T. 0.01 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Lower	Upper
198	100		
51	48.6	26.0	66.0
105	45.6	20.1	60.1





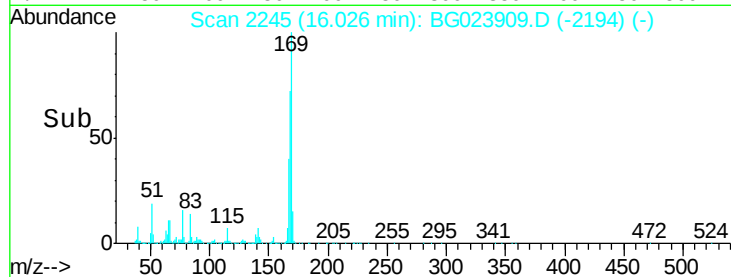
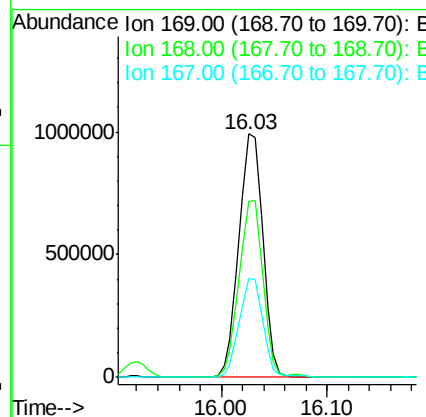
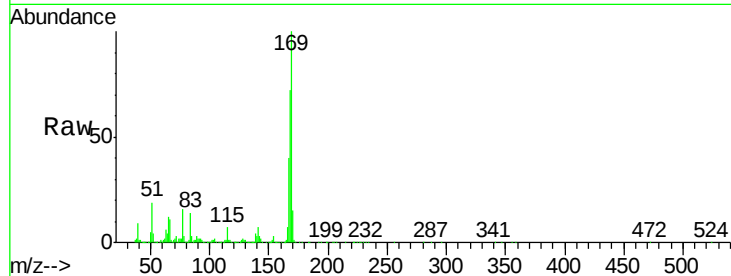
#65
 n-Nitrosodiphenylamine
 Concen: 38.93 ng
 RT: 16.03 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.3	55.0	82.4
167	40.4	27.4	41.0

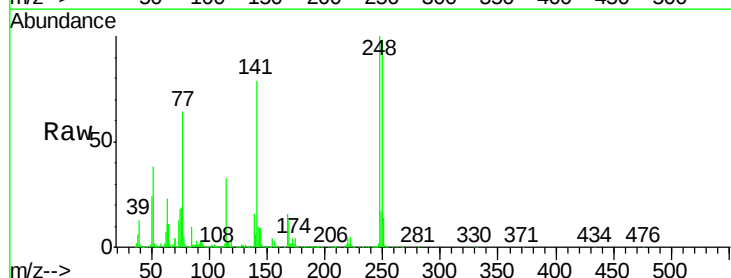
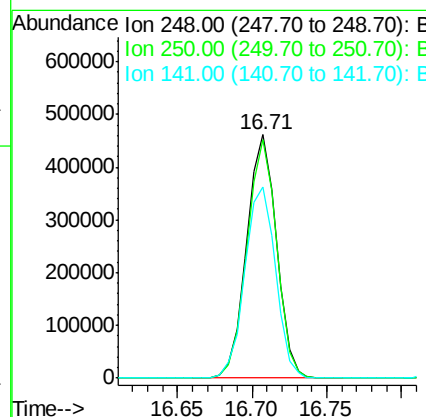
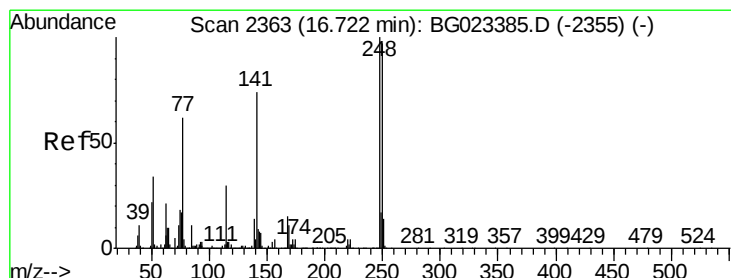
Manual Integrations
 APPROVED

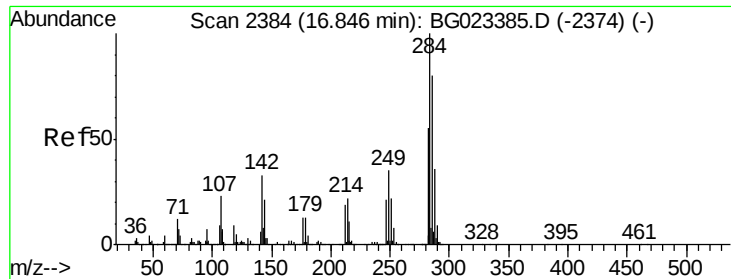
sohil
 8/26/2016 5:56:08 PM



#66
 4-Bromophenyl-phenylether
 Concen: 40.12 ng
 RT: 16.71 min Scan# 2361
 Delta R.T. 0.00 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.8	116.8
141	78.7	65.7	98.5





#67

Hexachlorobenzene

Concen: 38.93 ng

RT: 16.83 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Instrument :

BNA_G

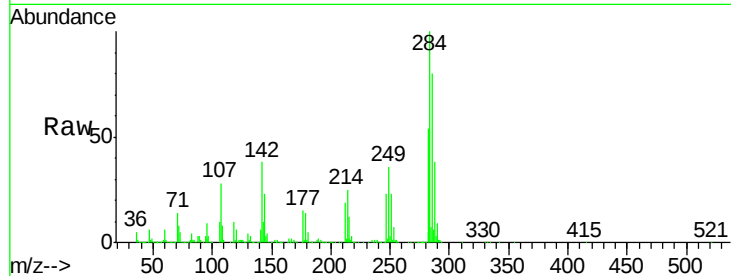
ClientSampleId :

SSTDCCC040EC

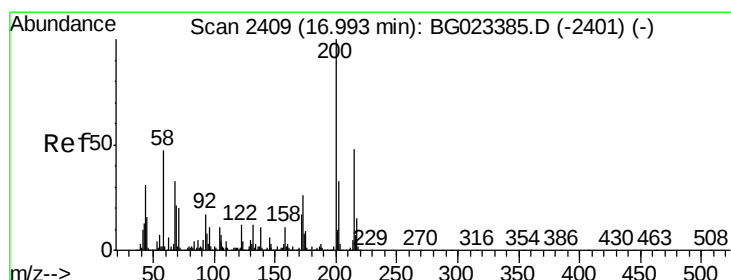
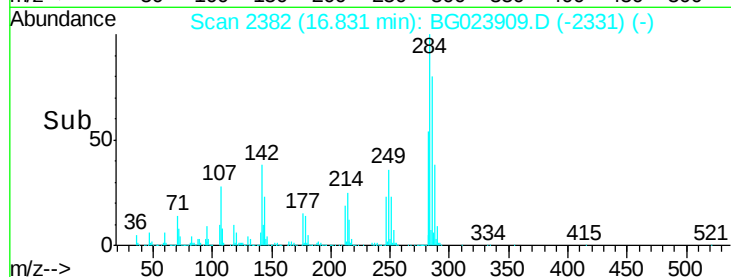
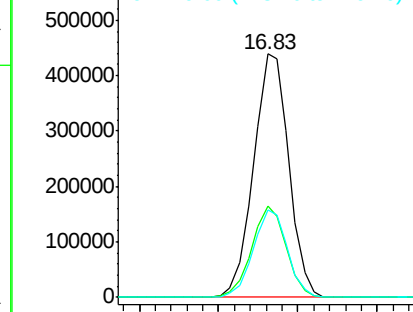
Tgt Ion:	284	Resp:	676183
Ion Ratio	Lower	Upper	
284	100		
142	37.5	26.8	40.2
249	35.9	28.9	43.3

Manual Integrations
APPROVED

sohil
8/26/2016 5:56:08 PM



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



#68

Atrazine

Concen: 40.37 ng

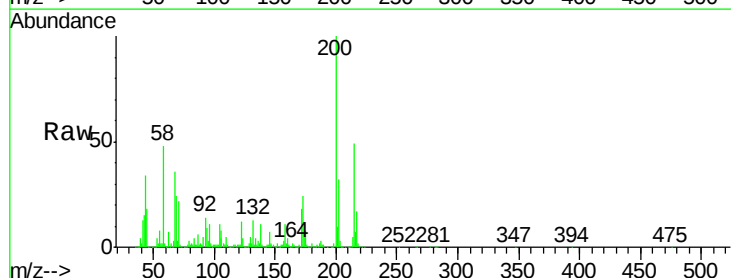
RT: 16.98 min Scan# 2408

Delta R.T. 0.01 min

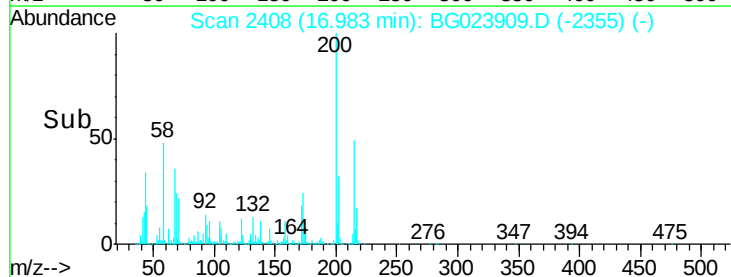
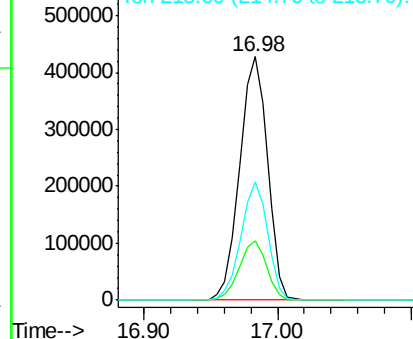
Lab File: BG023909.D

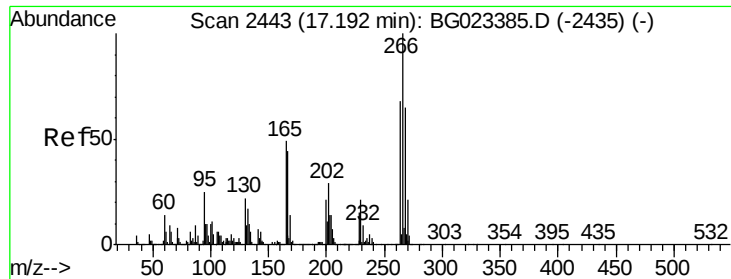
Acq: 26 Aug 2016 00:51

Tgt Ion:	200	Resp:	619306
Ion Ratio	Lower	Upper	
200	100		
173	24.4	1.6	41.6
215	48.6	28.7	68.7



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





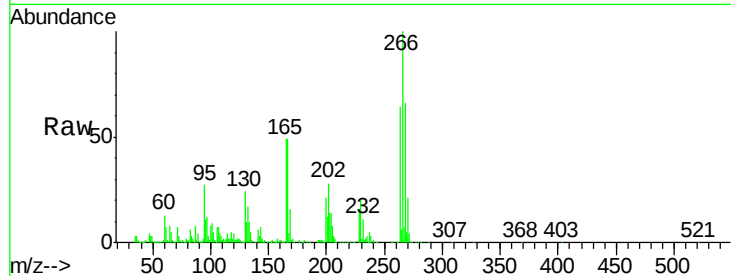
#69
 Pentachlorophenol
 Concen: 32.09 ng
 RT: 17.19 min Scan# 2443
 Delta R.T. 0.01 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

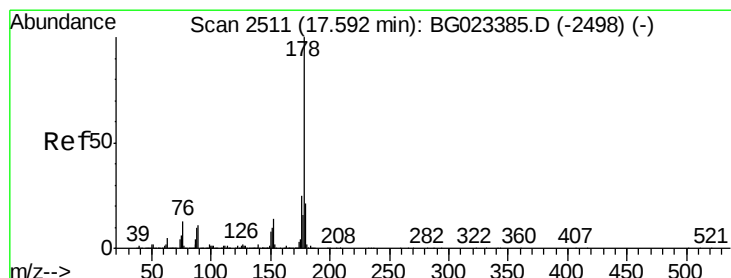
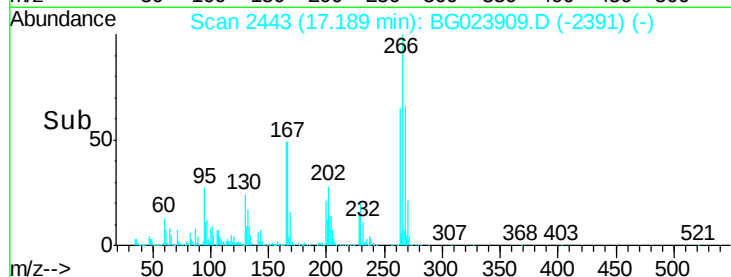
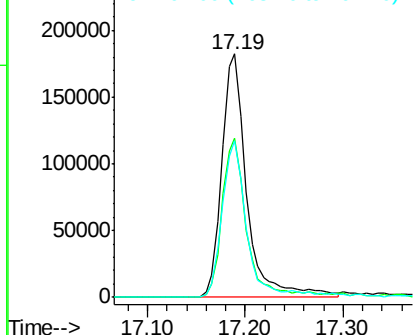
Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	51.9	77.9
264	64.4	50.6	75.8

Manual Integrations
 APPROVED

sohil
 8/26/2016 5:56:08 PM

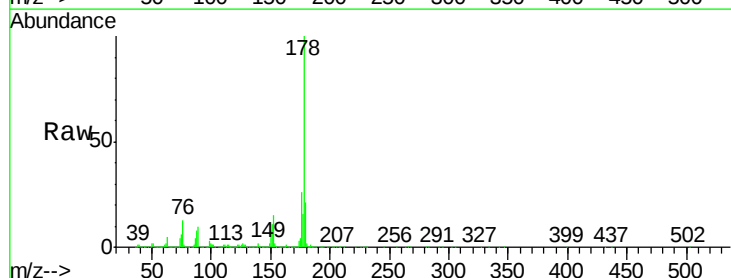


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

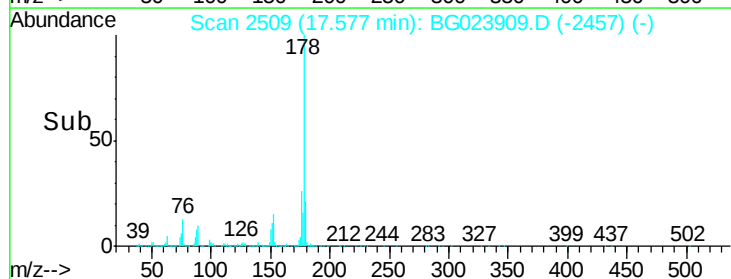
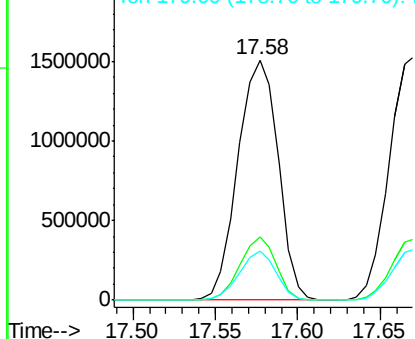


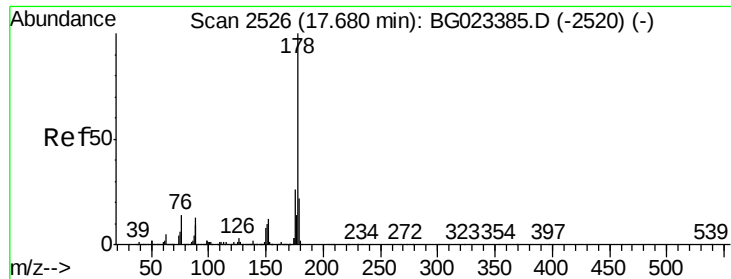
#70
 Phenanthrene
 Concen: 36.99 ng m
 RT: 17.58 min Scan# 2509
 Delta R.T. 0.01 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	26.1	16.8	25.2#
179	20.6	14.3	21.5



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





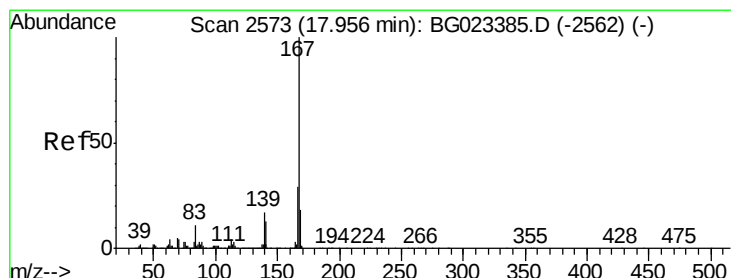
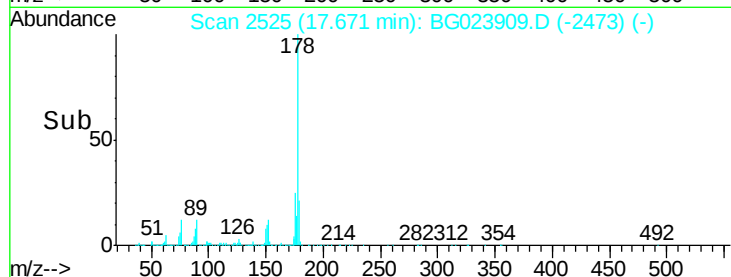
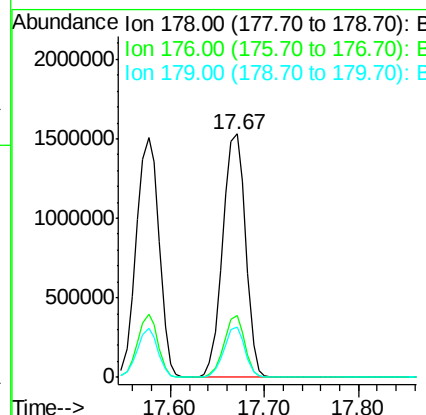
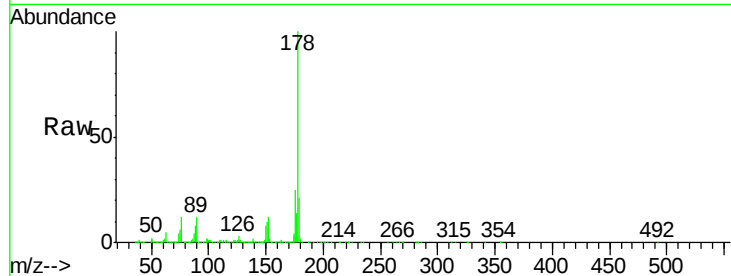
#71
 Anthracene
 Concen: 37.49 ng
 RT: 17.67 min Scan# 2525
 Delta R.T. 0.01 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
178	100		
176	25.1	17.3	25.9
179	20.9	14.0	21.0

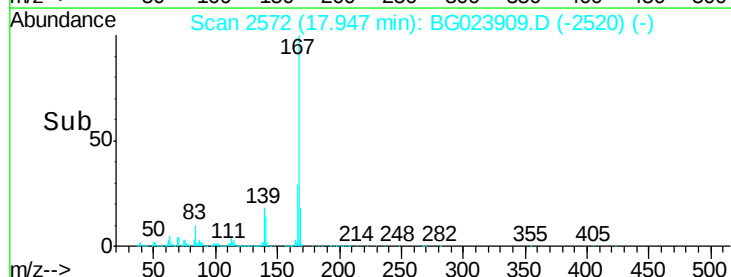
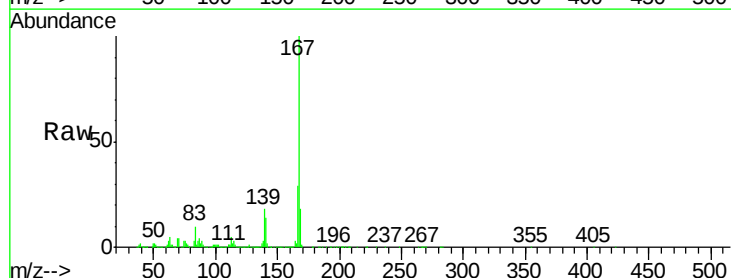
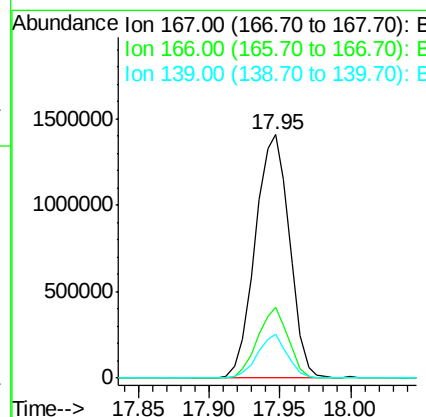
Manual Integrations
 APPROVED

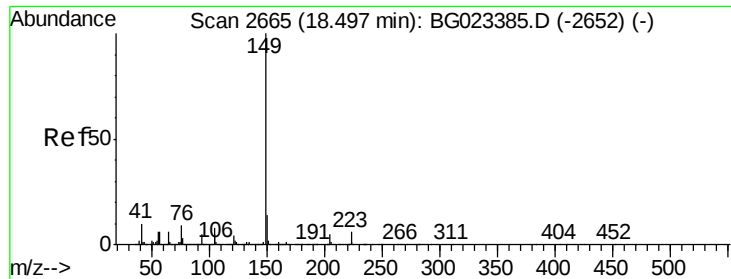
sohil
 8/26/2016 5:56:08 PM



#72
 Carbazole
 Concen: 39.27 ng
 RT: 17.95 min Scan# 2572
 Delta R.T. 0.01 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	28.9	20.7	31.1
139	17.9	11.9	17.9





#73

Di-n-butylphthalate

Concen: 44.88 ng

RT: 18.48 min Scan# 2662

Delta R.T. 0.00 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Instrument :

BNA_G

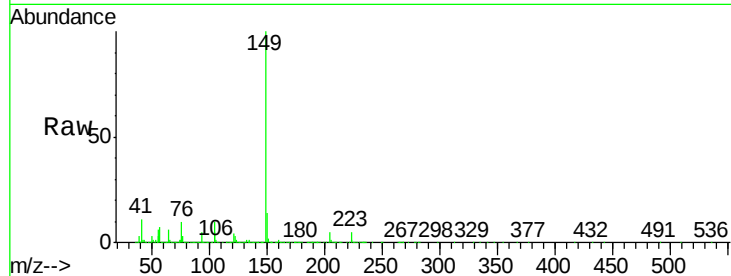
ClientSampleId :

SSTDCCC040EC

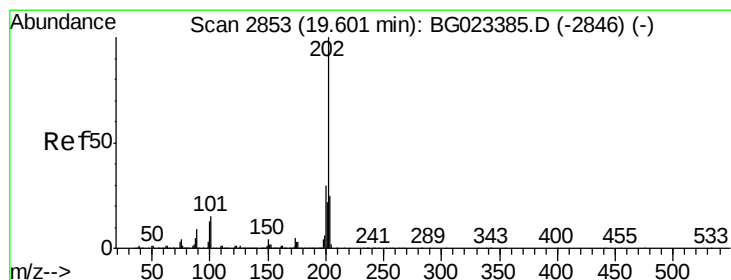
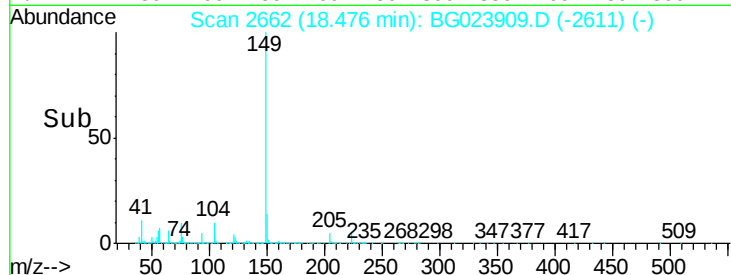
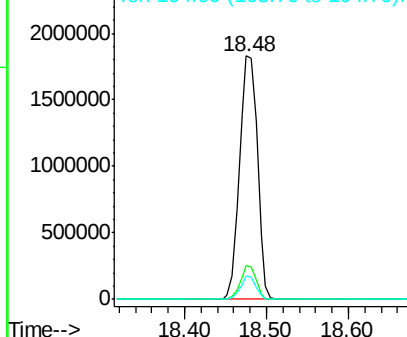
Tgt Ion:	149	Resp:	2779523
Ion Ratio	Lower	Upper	
149	100		
150	13.7	9.1	13.7
104	9.6	6.9	10.3

Manual Integrations
APPROVED

sohil
8/26/2016 5:56:08 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.84 ng

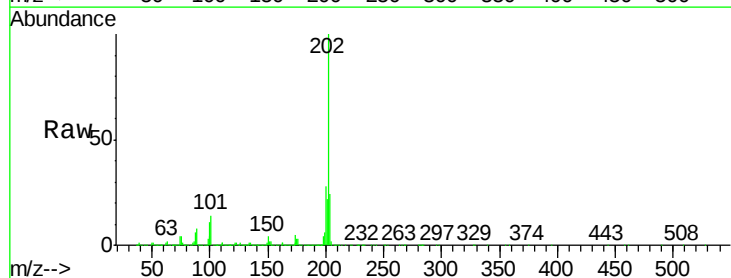
RT: 19.59 min Scan# 2851

Delta R.T. 0.00 min

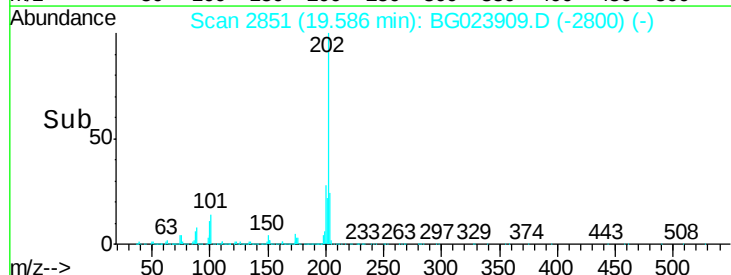
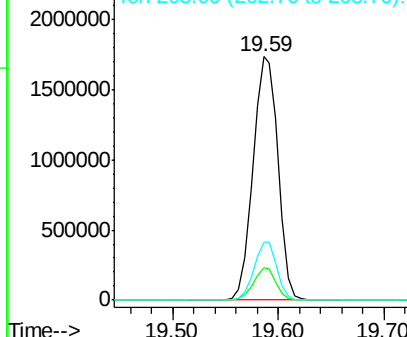
Lab File: BG023909.D

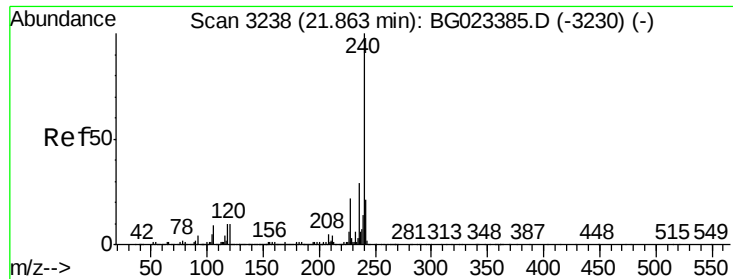
Acq: 26 Aug 2016 00:51

Tgt Ion:	202	Resp:	2863283
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	27.4
203	24.0	1.7	41.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





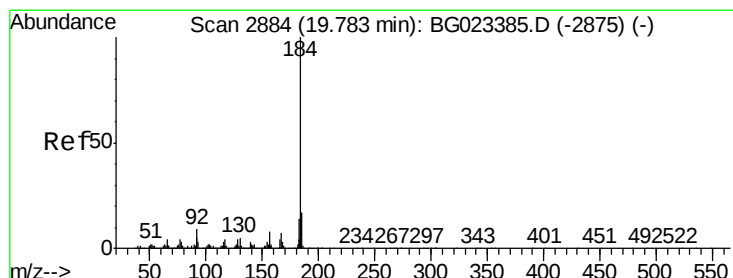
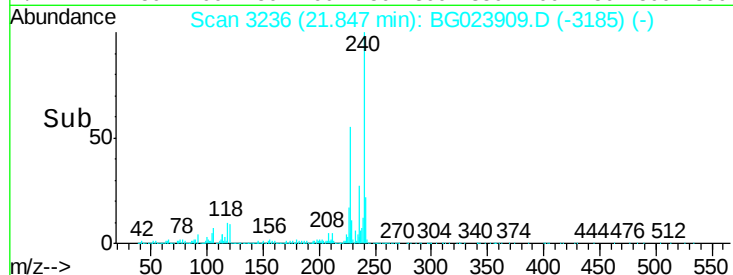
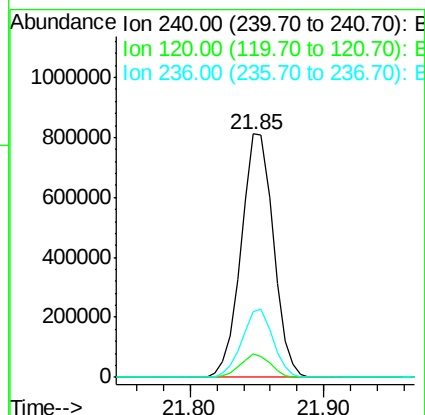
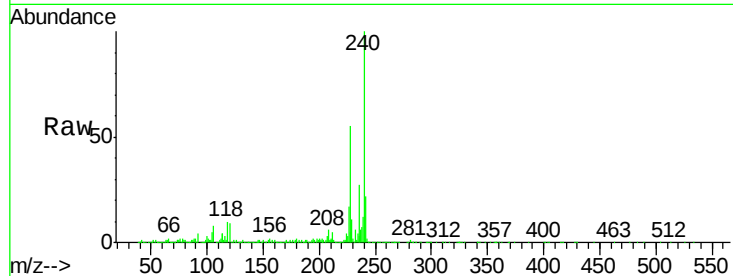
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.00 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	4.1	6.1#
236	27.2	21.1	31.7

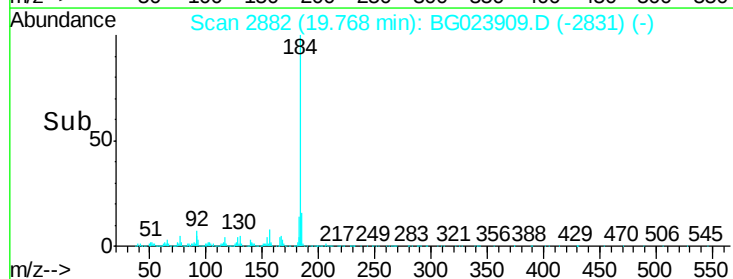
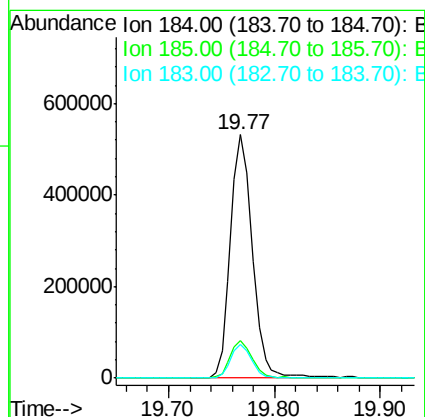
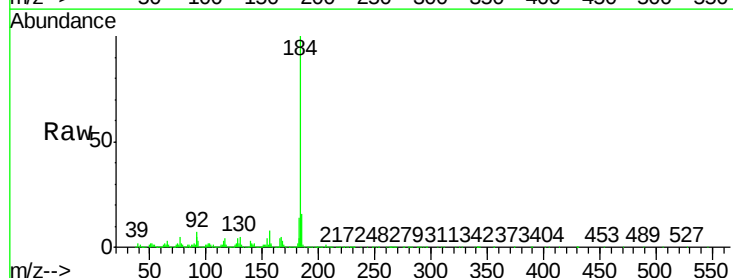
Manual Integrations
APPROVED

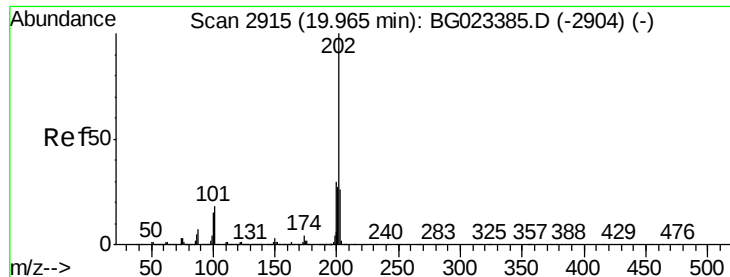
sohil
8/26/2016 5:56:08 PM



#76
Benzidine
Concen: 20.46 ng
RT: 19.77 min Scan# 2882
Delta R.T. 0.00 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	19.0
183	14.0	10.7	16.1





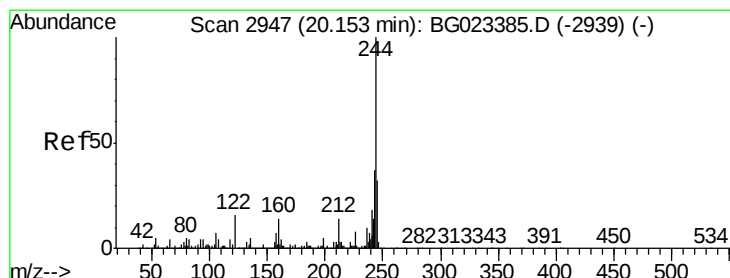
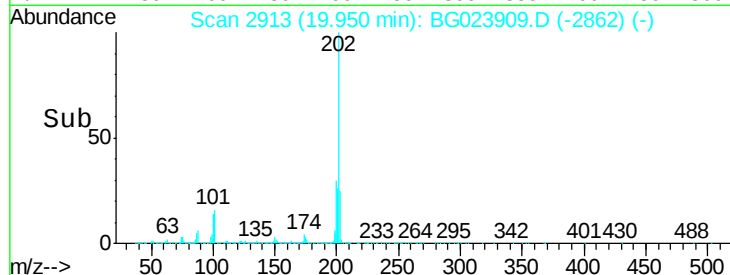
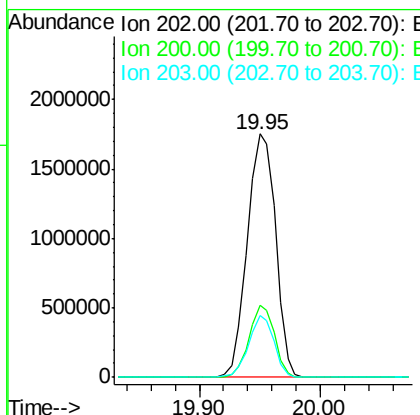
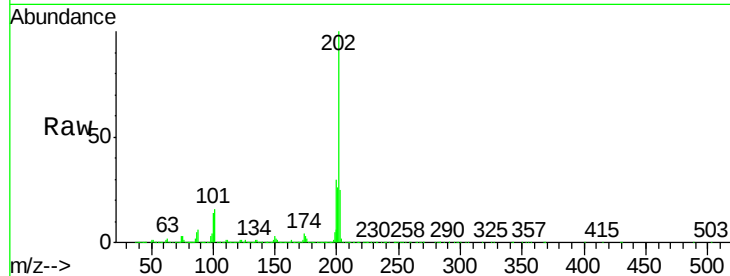
#77
 Pyrene
 Concen: 35.70 ng
 RT: 19.95 min Scan# 2913
 Delta R.T. 0.00 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
202	100		
200	29.8	21.2	31.8
203	25.4	16.8	25.2

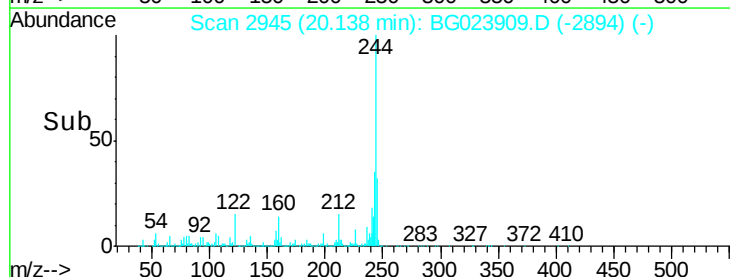
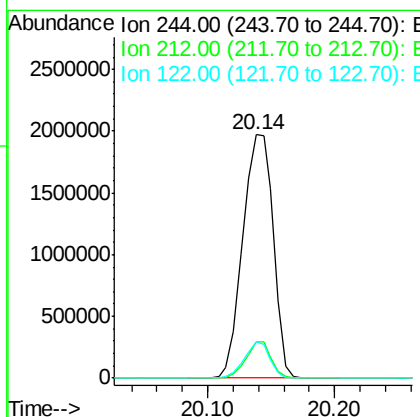
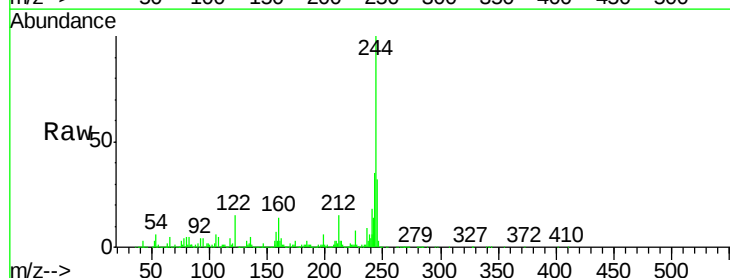
Manual Integrations
 APPROVED

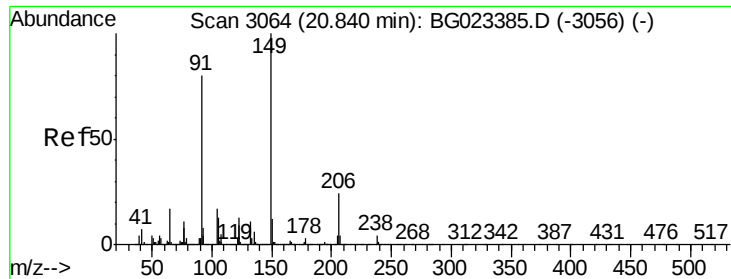
sohil
 8/26/2016 5:56:08 PM



#78
 Terphenyl-d14
 Concen: 73.40 ng
 RT: 20.14 min Scan# 2945
 Delta R.T. 0.00 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	15.1	10.8	16.2
122	14.7	8.0	12.0





#79

Butylbenzylphthalate

Concen: 43.30 ng

RT: 20.83 min Scan# 3062

Delta R.T. 0.00 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Instrument :

BNA_G

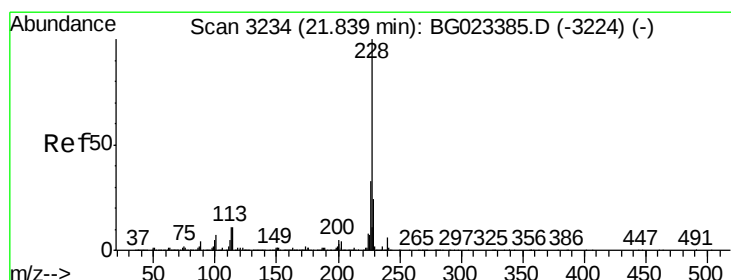
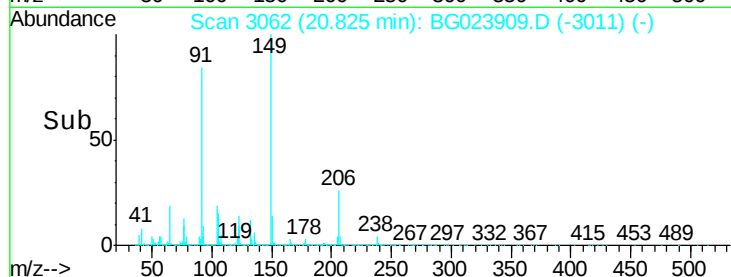
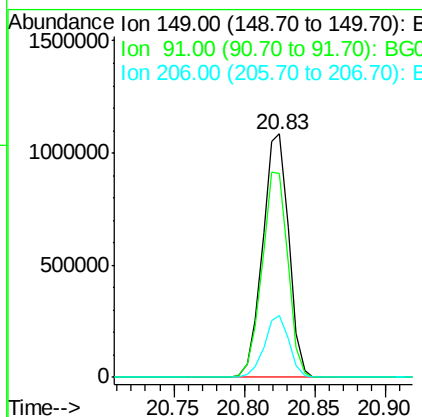
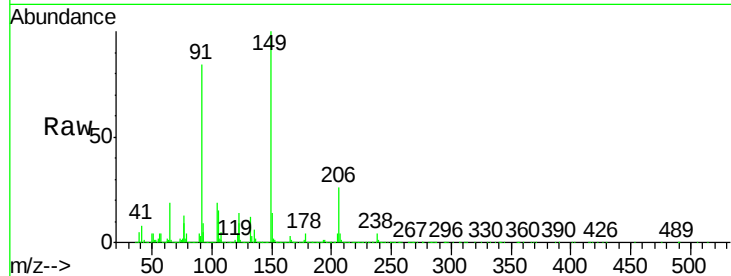
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	149	Resp:	1411415
Ion Ratio	Lower	Upper	
149	100		
91	84.0	68.1	102.1
206	25.5	19.8	29.6

Manual Integrations
APPROVED

sohil
8/26/2016 5:56:08 PM



#80

Benzo(a)anthracene

Concen: 38.28 ng

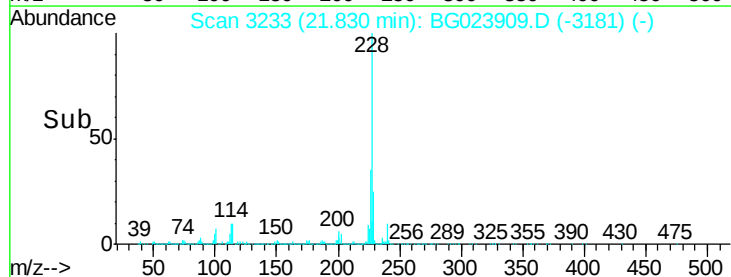
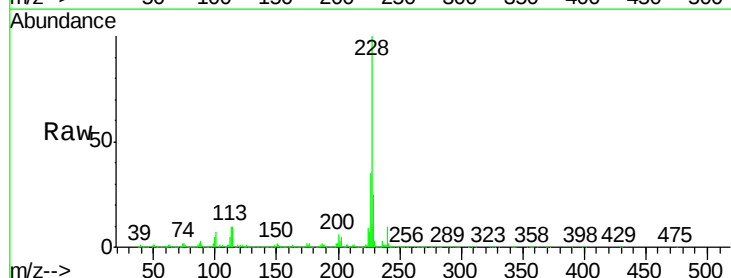
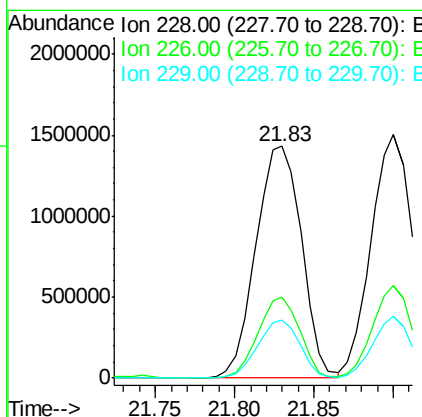
RT: 21.83 min Scan# 3233

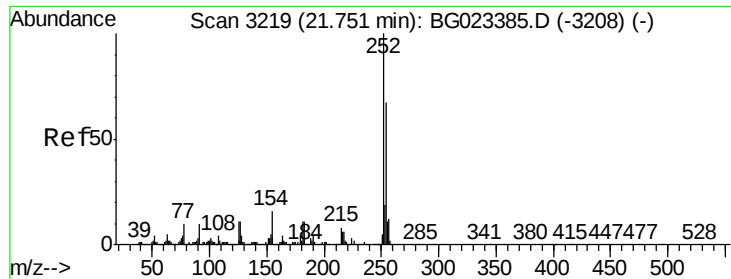
Delta R.T. 0.01 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Tgt Ion:	228	Resp:	2860482
Ion Ratio	Lower	Upper	
228	100		
226	34.7	25.3	37.9
229	25.1	19.9	29.9





#81

3,3'-Dichlorobenzidine

Concen: 36.99 ng

RT: 21.74 min Scan# 3217

Delta R.T. 0.00 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Instrument :

BNA_G

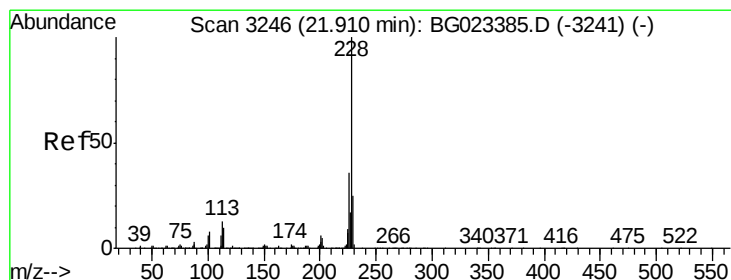
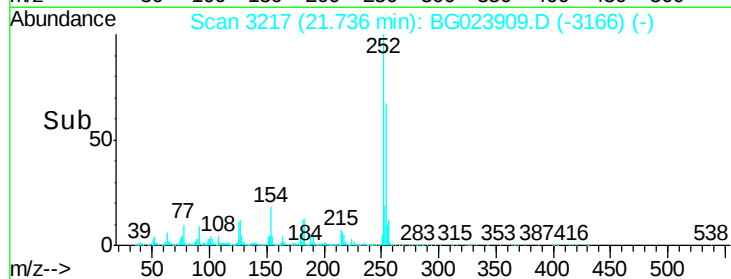
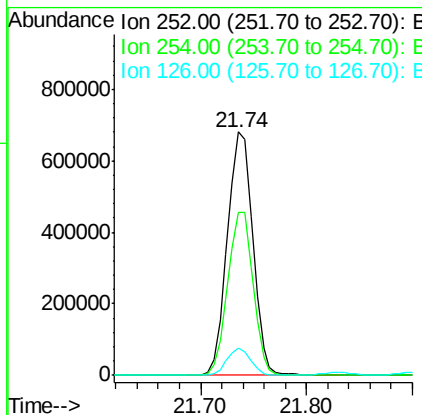
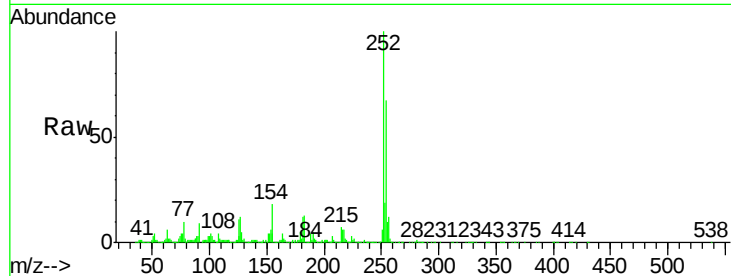
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	252	Resp:	1133523
Ion Ratio	Lower	Upper	
252	100		
254	66.8	51.2	76.8
126	11.3	5.3	7.9#

Manual Integrations
APPROVED

sohil
8/26/2016 5:56:08 PM



#82

Chrysene

Concen: 37.84 ng

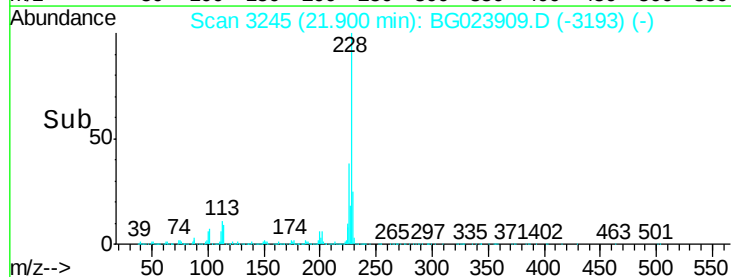
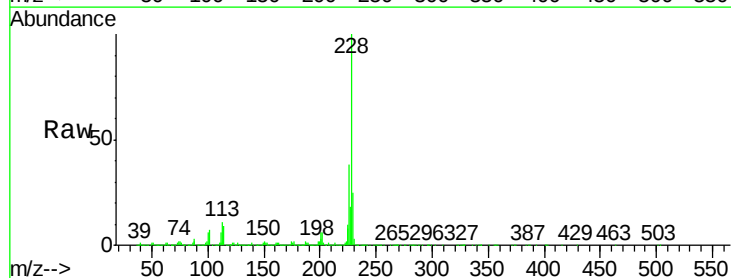
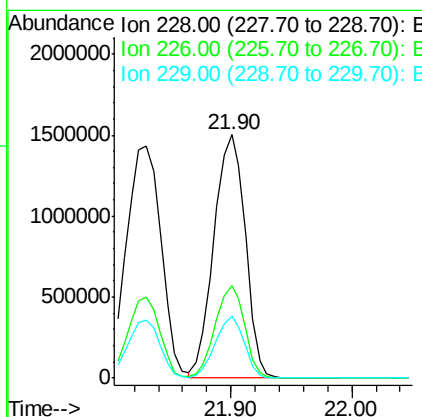
RT: 21.90 min Scan# 3245

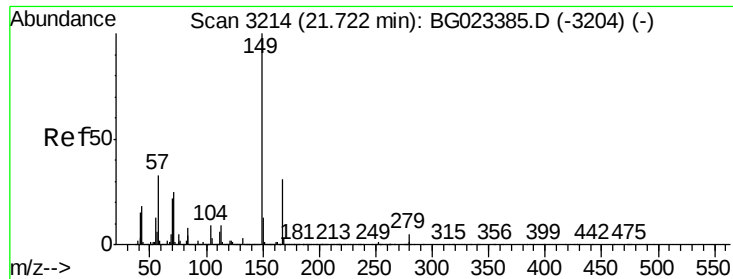
Delta R.T. 0.01 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Tgt Ion:	228	Resp:	2690051
Ion Ratio	Lower	Upper	
228	100		
226	38.1	26.7	40.1
229	25.5	17.4	26.2





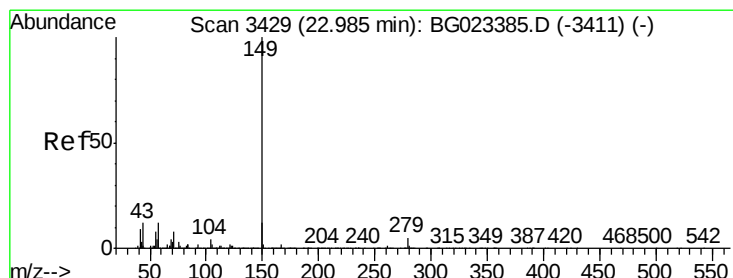
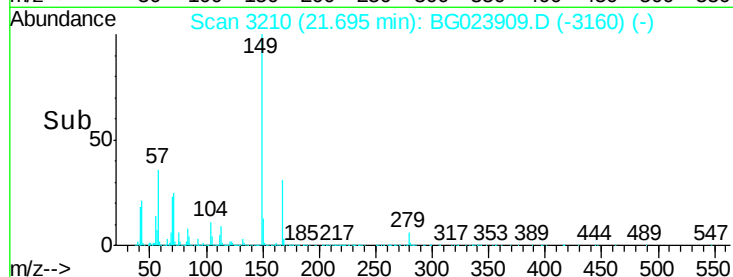
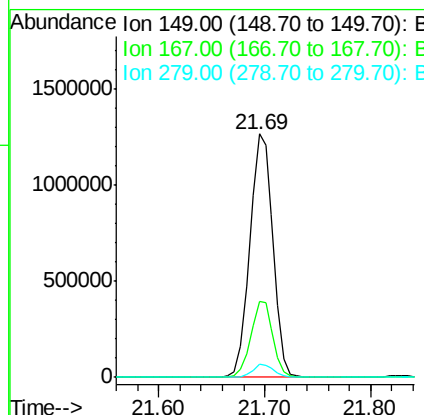
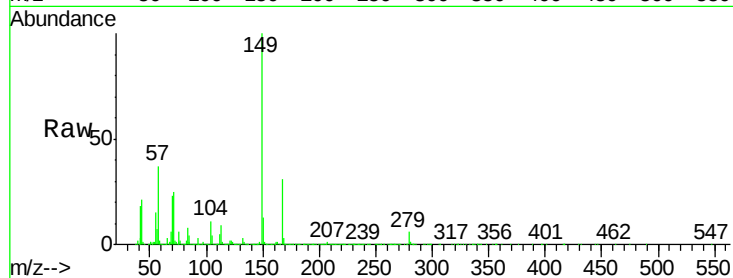
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.05 ng
 RT: 21.69 min Scan# 3210
 Delta R.T. -0.01 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:149 Resp: 1921720
 Ion Ratio Lower Upper
 149 100
 167 31.2 24.0 36.0
 279 5.6 4.8 7.2

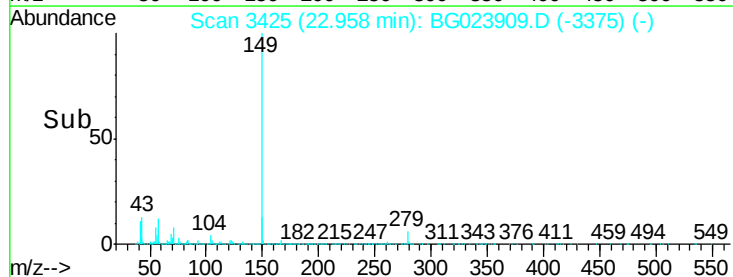
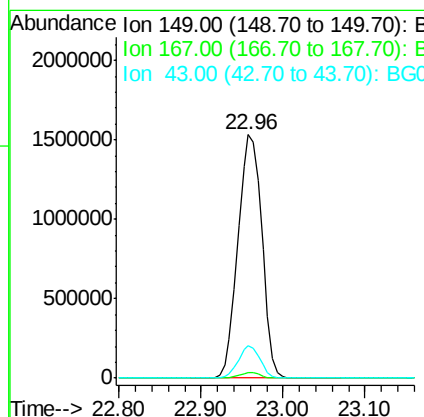
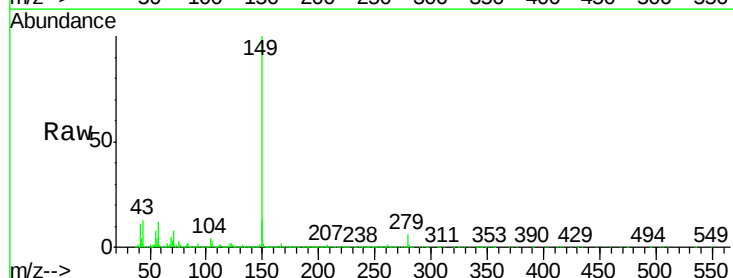
Manual Integrations
 APPROVED

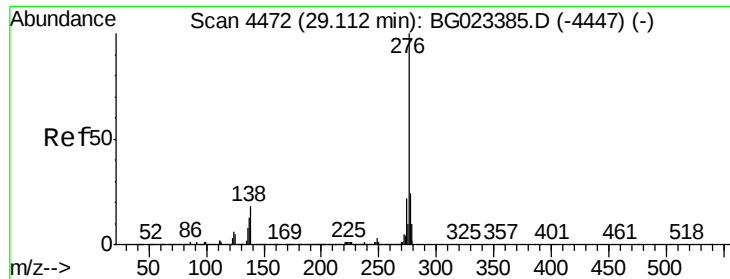
sohil
 8/26/2016 5:56:08 PM



#84
 Di-n-octyl phthalate
 Concen: 40.97 ng
 RT: 22.96 min Scan# 3425
 Delta R.T. -0.01 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Tgt Ion:149 Resp: 3120857
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.5 2.3
 43 12.1 8.8 13.2





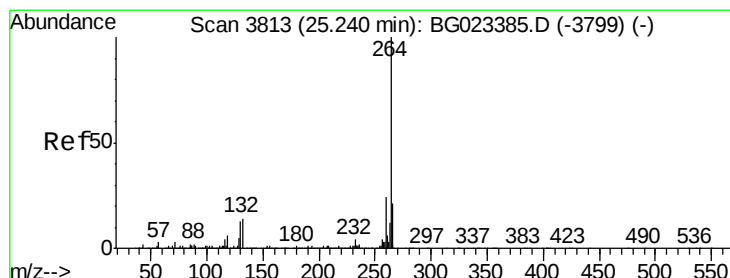
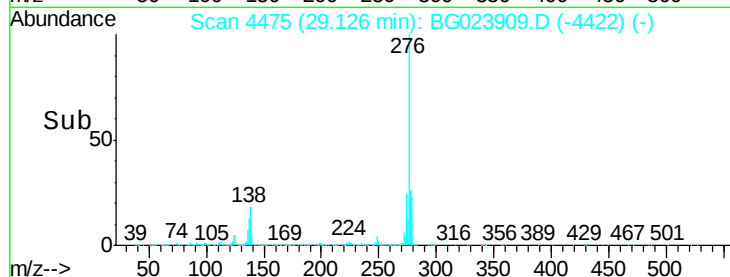
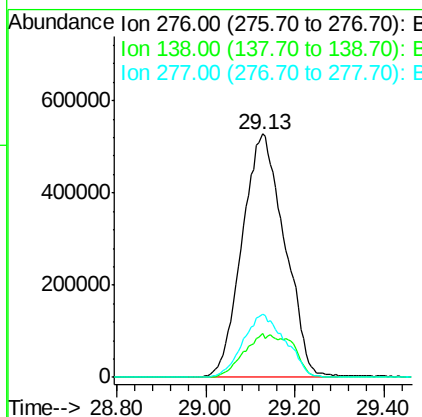
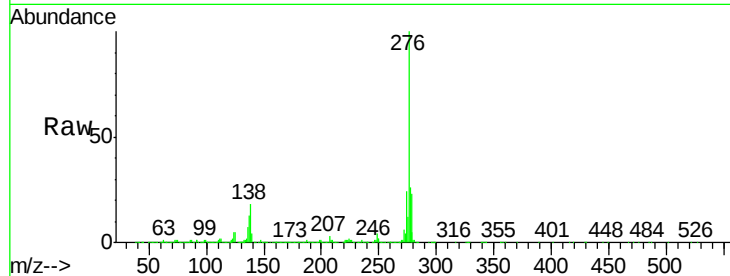
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.28 ng
 RT: 29.13 min Scan# 4475
 Delta R.T. 0.01 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.1	0.0	0.0#
277	25.9	0.0	0.0#

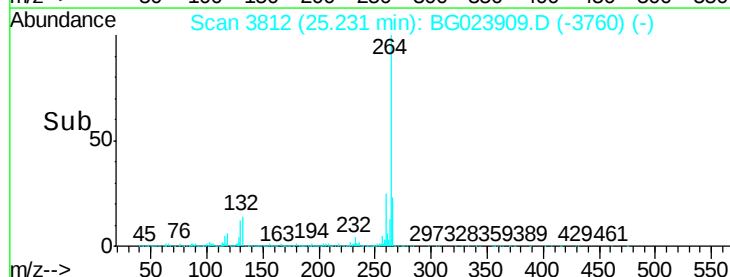
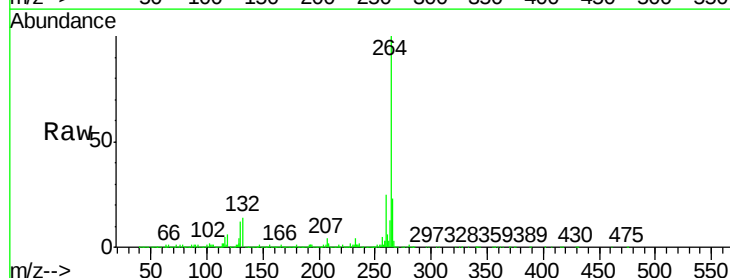
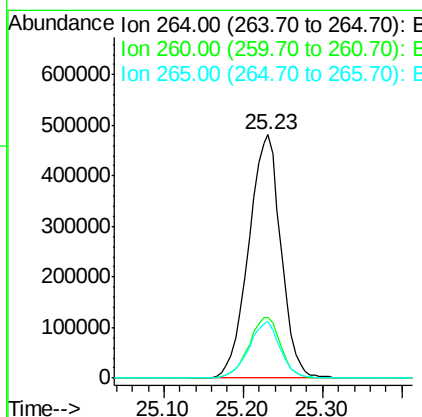
Manual Integrations
 APPROVED

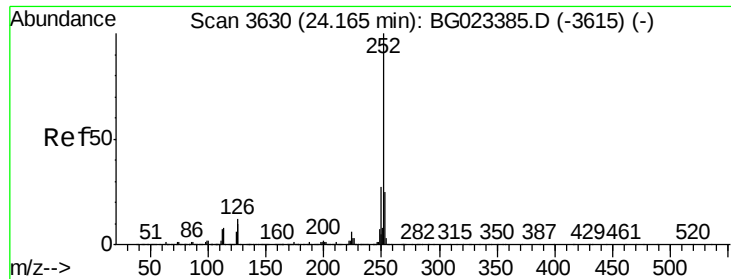
sohil
 8/26/2016 5:56:08 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.23 min Scan# 3812
 Delta R.T. 0.01 min
 Lab File: BG023909.D
 Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.4	27.6
265	23.1	18.9	28.3





#87

Benzo(b)fluoranthene

Concen: 38.52 ng

RT: 24.16 min Scan# 3629

Delta R.T. 0.01 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Instrument :

BNA_G

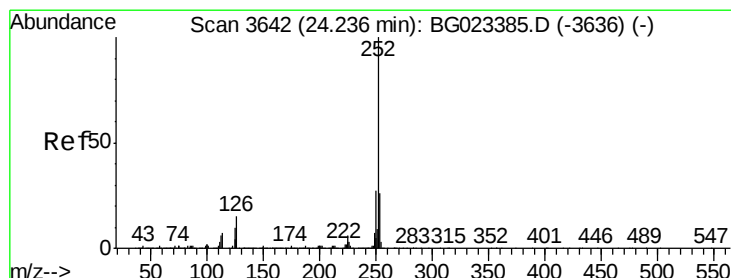
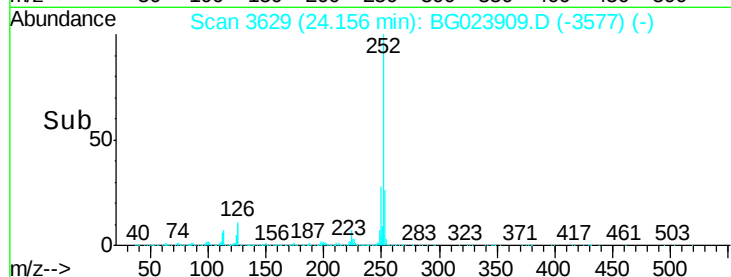
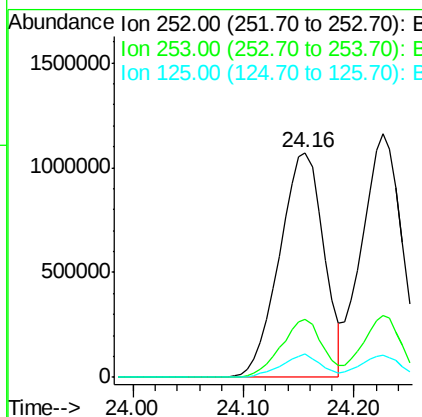
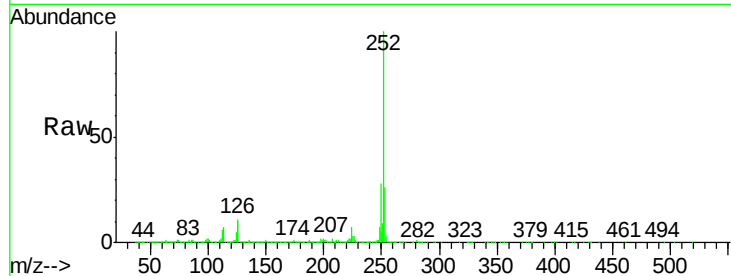
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.9	28.3
125	10.3	3.9	5.9#

Manual Integrations
APPROVED

sohil
8/26/2016 5:56:08 PM



#88

Benzo(k)fluoranthene

Concen: 39.26 ng

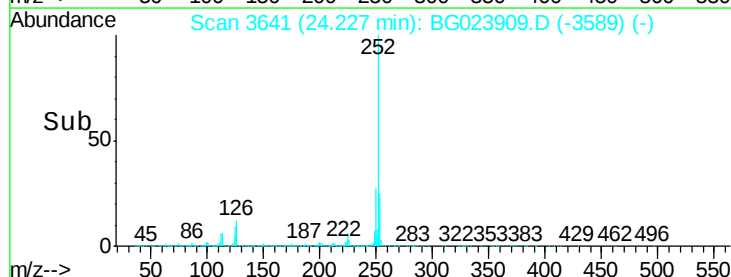
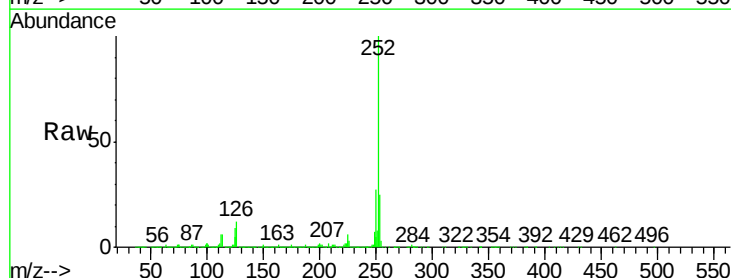
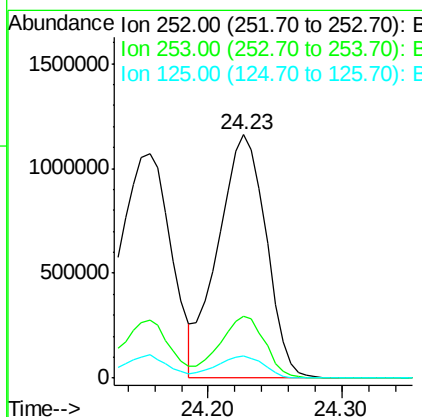
RT: 24.23 min Scan# 3641

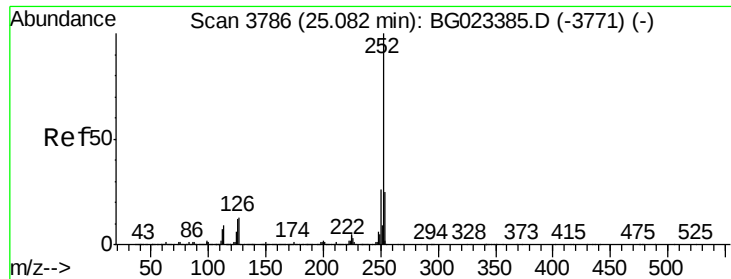
Delta R.T. 0.01 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.8	28.2
125	9.2	3.2	4.8#





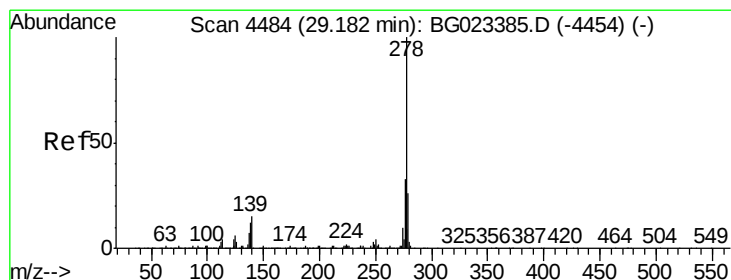
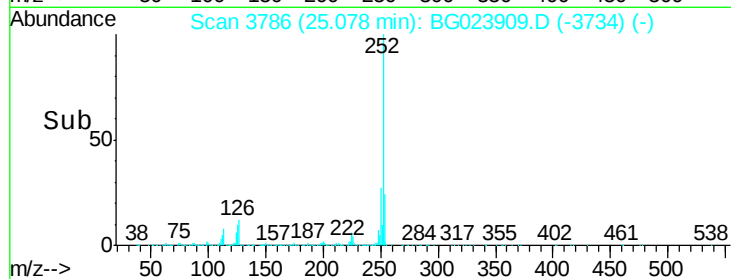
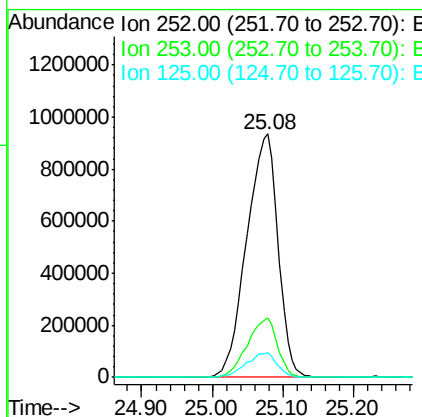
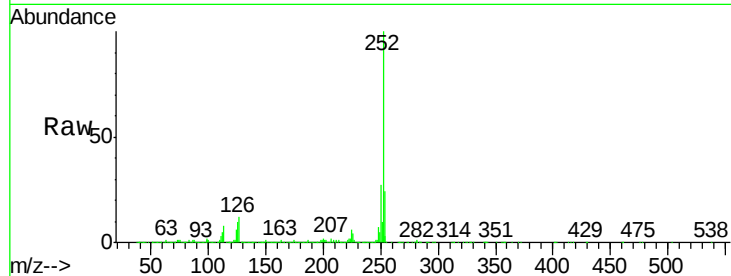
#89
Benzo(a)pyrene
Concen: 39.63 ng
RT: 25.08 min Scan# 3786
Delta R.T. 0.01 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.7	28.1
125	9.9	3.9	5.9#

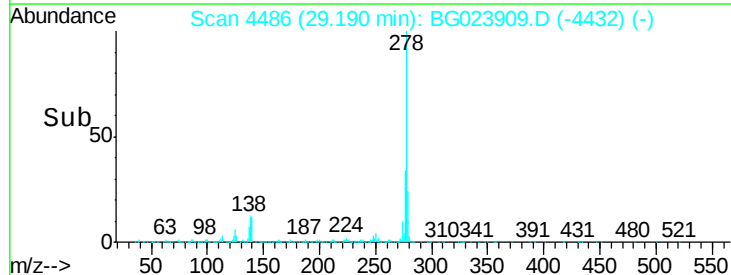
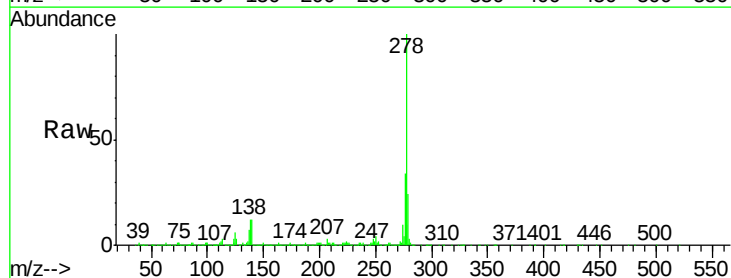
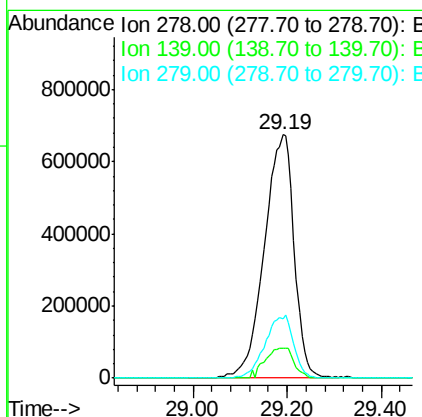
Manual Integrations
APPROVED

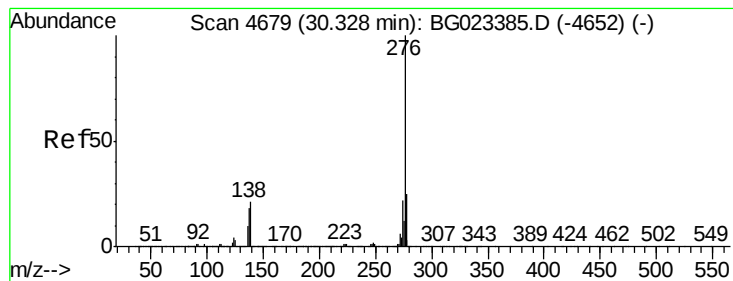
sohil
8/26/2016 5:56:08 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.83 ng
RT: 29.19 min Scan# 4486
Delta R.T. 0.02 min
Lab File: BG023909.D
Acq: 26 Aug 2016 00:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.2	4.7	7.1#
279	24.5	18.3	27.5





#91

Benzo(g,h,i)perylene

Concen: 35.88 ng

RT: 30.34 min Scan# 4682

Delta R.T. 0.02 min

Lab File: BG023909.D

Acq: 26 Aug 2016 00:51

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 276 Resp: 2692318

Ion Ratio Lower Upper

276 100

277 24.4 18.6 27.8

138 16.7 6.8 10.2#

Manual Integrations

APPROVED

sohil

8/26/2016 5:56:08 PM

