

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062316\
 Data File : BG022506.D
 Acq On : 23 Jun 2016 5:49
 Operator : UM/SJ
 Sample : H3623-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1442(0-4)MS

Manual Integrations
 APPROVED

umangi
 6/23/2016 7:07:23 PM

Quant Time: Jun 23 16:06:12 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:27:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	30384	20.00	ng	-0.02
21) Naphthalene-d8	10.79	136	174543	20.00	ng	-0.02
38) Acenaphthene-d10	14.62	164	105039	20.00	ng	-0.01
63) Phenanthrene-d10	17.37	188	212605	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	132604	20.00	ng	-0.02
86) Perylene-d12	24.80	264	116152	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	284858	181.27	ng	-0.02
7) Phenol-d6	7.15	99	415116	168.01	ng	-0.03
23) Nitrobenzene-d5	9.14	82	247759	98.96	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	136261	114.81	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	642976	93.29	ng	-0.01
78) Terphenyl-d14	19.97	244	650599	116.48	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	22973	30.49	ng	# 55
3) Pyridine	3.74	79	35796	17.58	ng	96
4) n-Nitrosodimethylamine	3.64	42	21570	47.37	ng	97
6) Aniline	7.29	93	57355m	18.27	ng	
8) 2-Chlorophenol	7.53	128	118068	54.36	ng	# 80
10) Phenol	7.18	94	139532	54.77	ng	82
11) bis(2-Chloroethyl)ether	7.38	93	107888	53.12	ng	# 72
12) 1,3-Dichlorobenzene	7.85	146	99561	42.76	ng	# 91
13) 1,4-Dichlorobenzene	8.00	146	102873	44.35	ng	94
14) 1,2-Dichlorobenzene	8.32	146	104552	44.71	ng	97
15) Benzyl Alcohol	8.22	79	96209	60.27	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.50	45	109266	51.85	ng	80
17) 2-Methylphenol	8.44	107	107246	56.42	ng	# 84
18) Hexachloroethane	9.04	117	39454	46.58	ng	90
19) n-Nitroso-di-n-propylamine	8.78	70	88685	53.02	ng	# 68
20) 3+4-Methylphenols	8.77	107	152635	55.98	ng	96
22) Acetophenone	8.80	105	173815	46.21	ng	# 83
24) Nitrobenzene	9.18	77	124697	49.53	ng	# 80
25) Isophorone	9.71	82	263207	44.94	ng	# 93
26) 2-Nitrophenol	9.90	139	69442	50.87	ng	# 75
27) 2,4-Dimethylphenol	9.97	122	127290	51.51	ng	90
28) bis(2-Chloroethoxy)methane	10.19	93	168640	50.25	ng	94
29) 2,4-Dichlorophenol	10.45	162	117088	51.15	ng	96
30) 1,2,4-Trichlorobenzene	10.65	180	108182	42.30	ng	93
31) Naphthalene	10.84	128	394908	45.33	ng	# 94
32) Benzoic acid	10.17	122	56350	59.49	ng	86
33) 4-Chloroaniline	10.98	127	10236	2.83	ng	# 87
34) Hexachlorobutadiene	11.11	225	51409	37.44	ng	98
35) Caprolactam	11.75	113	45012m	35.85	ng	
36) 4-Chloro-3-methylphenol	12.10	107	140034	51.61	ng	85
37) 2-Methylnaphthalene	12.45	142	296241	46.06	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.81	216	117463	43.44	ng	# 97
40) Hexachlorocyclopentadiene	12.78	237	46713	36.85	ng	94
42) 2,4,6-Trichlorophenol	13.07	196	90447	49.86	ng	94

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062316\
 Data File : BG022506.D
 Acq On : 23 Jun 2016 5:49
 Operator : UM/SJ
 Sample : H3623-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1442(0-4)MS

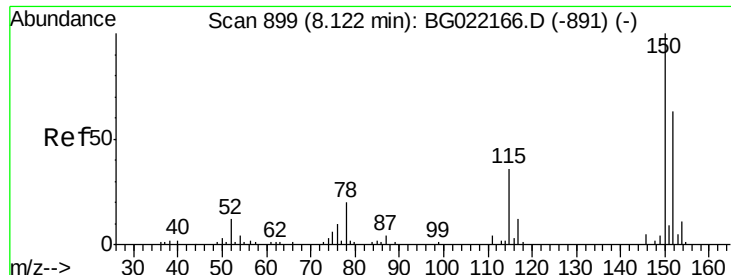
Manual Integrations
 APPROVED

umangi
 6/23/2016 7:07:23 PM

Quant Time: Jun 23 16:06:12 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:27:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.16	196	95654	47.73	nq	95
45) 1,1'-Biphenyl	13.45	154	385753	48.80	nq	93
46) 2-Chloronaphthalene	13.50	162	297835	49.15	nq	97
47) 2-Nitroaniline	13.71	65	77029	53.31	nq #	61
48) Acenaphthylene	14.34	152	512362	48.19	nq	96
49) Dimethylphthalate	14.07	163	391576	44.96	nq	99
50) 2,6-Dinitrotoluene	14.21	165	90920	48.02	nq #	78
51) Acenaphthene	14.68	154	308398	48.41	nq	93
52) 3-Nitroaniline	14.55	138	22090	10.52	nq #	77
53) 2,4-Dinitrophenol	14.77	184	68270	87.17	nq #	77
54) Dibenzofuran	15.02	168	476650	47.95	nq	98
55) 4-Nitrophenol	14.89	139	102335	70.61	nq #	71
56) 2,4-Dinitrotoluene	15.00	165	127184	50.08	nq #	89
57) Fluorene	15.66	166	404534	47.24	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.25	232	75329m	41.91	nq	
59) Diethylphthalate	15.43	149	419724	45.12	nq	98
60) 4-Chlorophenyl-phenylether	15.65	204	174489	44.99	nq	99
61) 4-Nitroaniline	15.71	138	75681m	33.98	nq	
62) Azobenzene	15.95	77	365587	51.89	nq	86
64) 4,6-Dinitro-2-methylphenol	15.77	198	53291	49.27	nq	83
65) n-Nitrosodiphenylamine	15.88	169	339609	55.45	nq	97
66) 4-Bromophenyl-phenylether	16.55	248	98861	49.63	nq	98
67) Hexachlorobenzene	16.67	284	102894	44.32	nq	93
68) Atrazine	16.82	200	91858	40.52	nq	96
69) Pentachlorophenol	17.03	266	71227	68.71	nq	98
70) Phenanthrene	17.41	178	563745	48.82	nq	97
71) Anthracene	17.50	178	562729	49.14	nq	96
72) Carbazole	17.77	167	491177	45.29	nq	97
73) Di-n-butylphthalate	18.31	149	714897	50.42	nq	98
74) Fluoranthene	19.41	202	534329	40.25	nq	94
76) Benzidine	19.64	184	9114m	2.63	nq	
77) Pyrene	19.78	202	514627	62.43	nq	98
79) Butylbenzylphthalate	20.65	149	248611	65.03	nq #	91
80) Benzo(a)anthracene	21.60	228	383645	51.59	nq	99
81) 3,3'-Dichlorobenzidine	21.52	252	36757	17.61	nq #	95
82) Chrysene	21.67	228	361010	49.89	nq	99
83) Bis(2-ethylhexyl)phthalate	21.48	149	350744	62.39	nq #	94
84) Di-n-octyl phthalate	22.66	149	584833	62.65	nq #	86
85) Indeno(1,2,3-cd)pyrene	28.47	276	362157	44.61	nq #	77
87) Benzo(b)fluoranthene	23.79	252	345092	50.94	nq #	94
88) Benzo(k)fluoranthene	23.86	252	336130	50.40	nq #	93
89) Benzo(a)pyrene	24.65	252	332858	51.39	nq #	93
90) Dibenzo(a,h)anthracene	28.50	278	301545	49.43	nq #	87
91) Benzo(g,h,i)perylene	29.59	276	301891	47.57	nq #	88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.96 min Scan# 872

Delta R.T. -0.02 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Instrument :

BNA_G

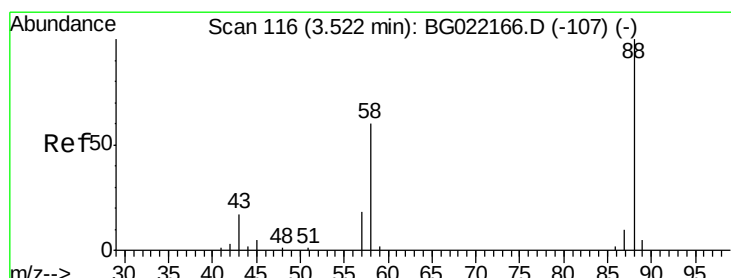
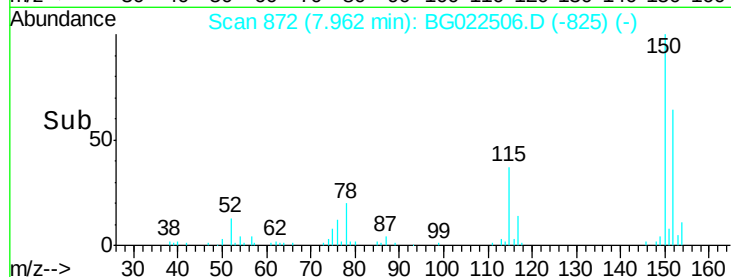
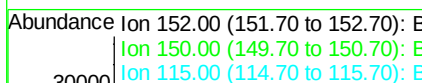
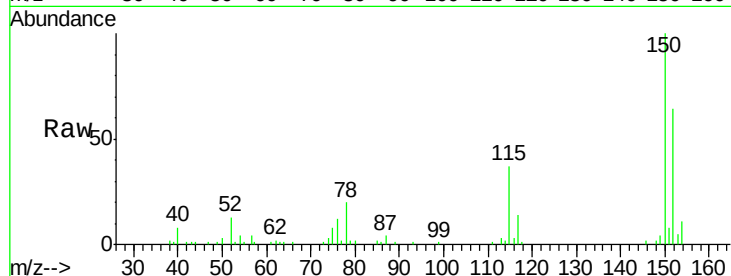
ClientSampleId :

SC-STA-1442(0-4)MS

Tot Ion:	152	Resp:	30384
Ion Ratio	Lower	Upper	
152	100		
150	156.5	130.1	195.1
115	57.9	62.2	93.2#

Manual Integrations
APPROVED

umangi
6/23/2016 7:07:23 PM



#2

1,4-Dioxane

Concen: 30.49 ng

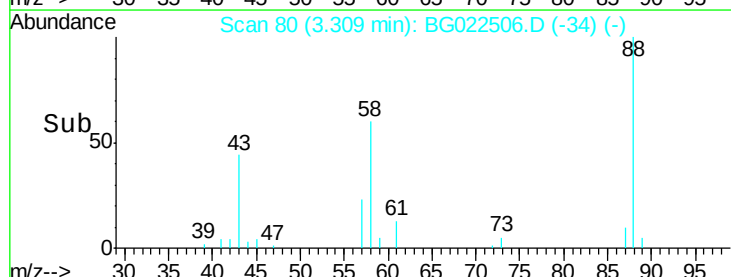
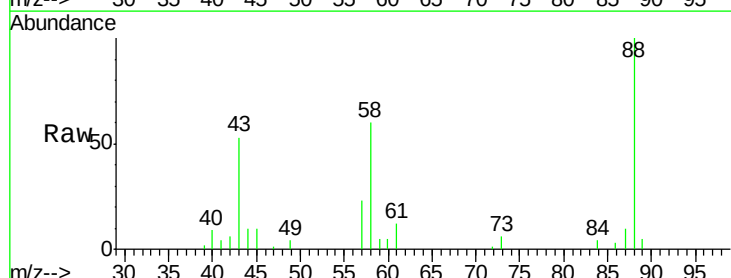
RT: 3.31 min Scan# 80

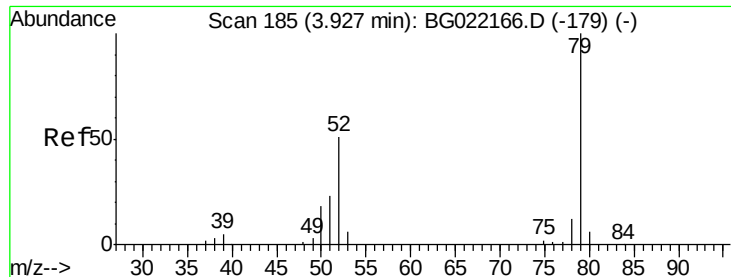
Delta R.T. -0.03 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Tgt Ion:	88	Resp:	22973
Ion Ratio	Lower	Upper	
88	100		
58	65.1	36.8	55.2#
43	52.8	10.4	15.6#





#3

Pvridine

Concen: 17.58 ng

RT: 3.74 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Instrument :

BNA_G

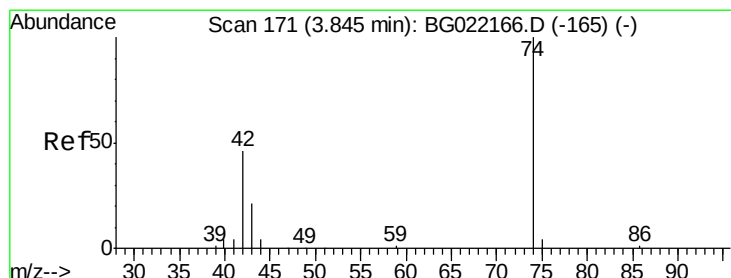
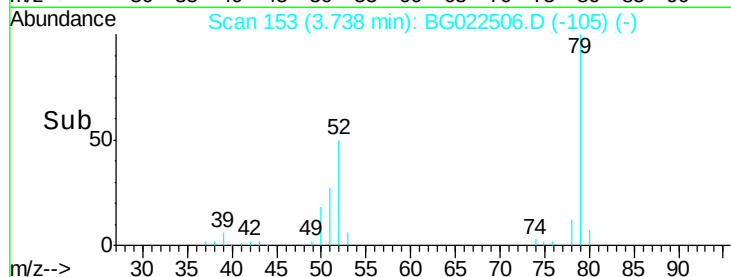
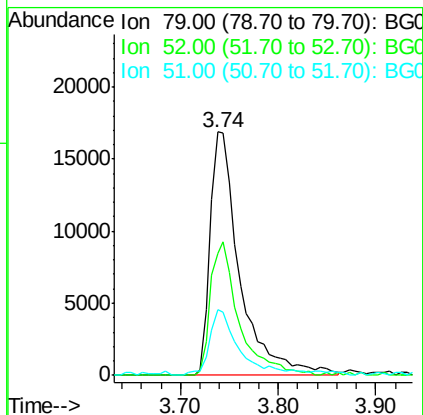
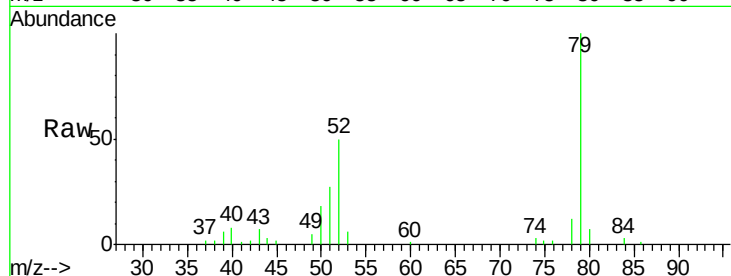
ClientSampleId :

SC-STA-1442(0-4)MS

Tot Ion:	79	Resp:	35796
Ion Ratio	Lower	Upper	
79	100		
52	49.9	41.6	62.4
51	26.7	19.2	28.8

Manual Integrations
APPROVED

umangi
6/23/2016 7:07:23 PM



#4

n-Nitrosodimethylamine

Concen: 47.37 ng

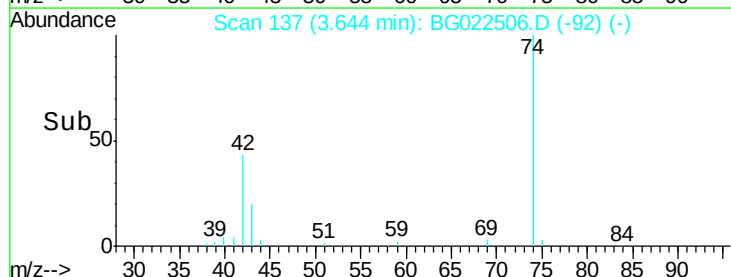
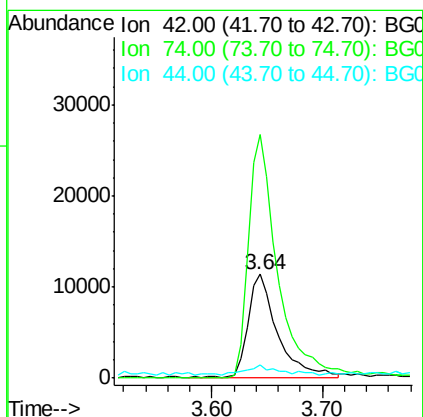
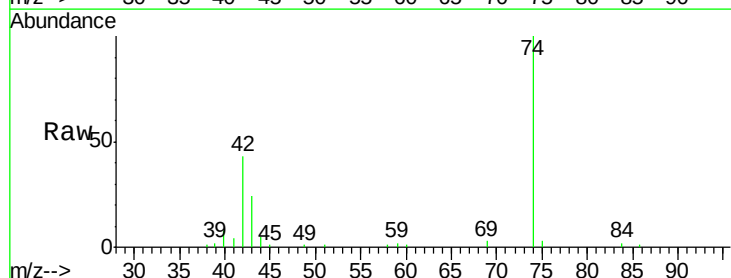
RT: 3.64 min Scan# 137

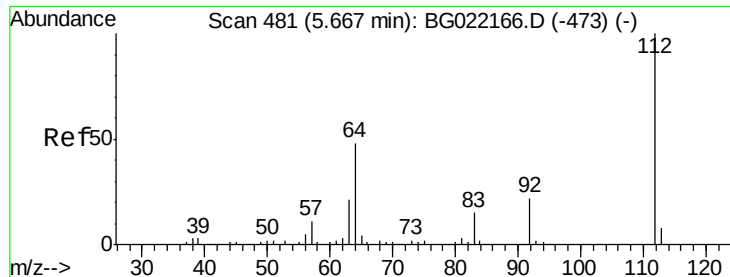
Delta R.T. -0.04 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Tgt Ion:	42	Resp:	21570
Ion Ratio	Lower	Upper	
42	100		
74	235.0	184.0	276.0
44	12.5	11.0	16.6





#5

2-Fluorophenol

Concen: 181.27 ng

RT: 5.52 min Scan# 456

Delta R.T. -0.02 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Instrument :

BNA_G

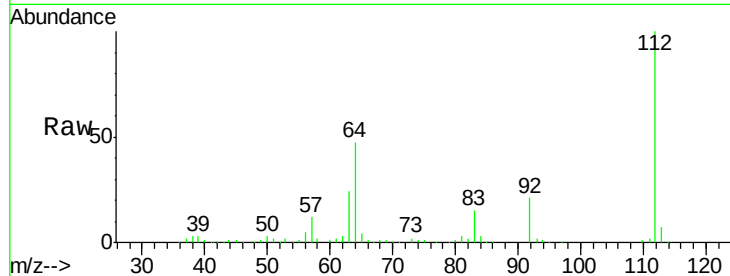
ClientSampleId :

SC-STA-1442(0-4)MS

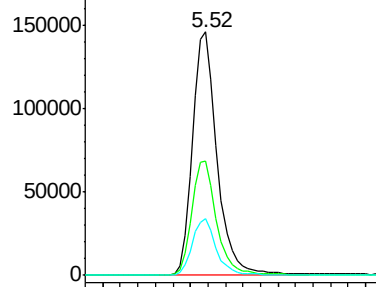
Tot Ion:	112	Resp:	284858
Ion Ratio	Lower	Upper	
112	100		
64	47.2	51.1	76.7#
63	23.5	24.6	37.0#

Manual Integrations
APPROVED

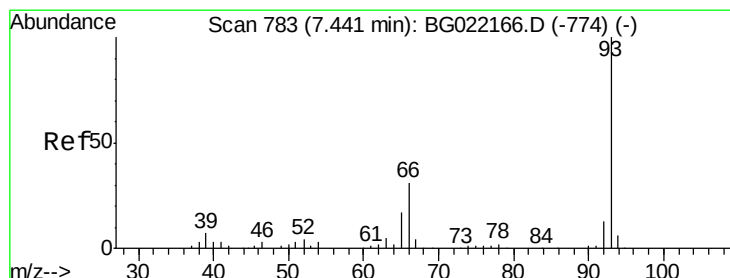
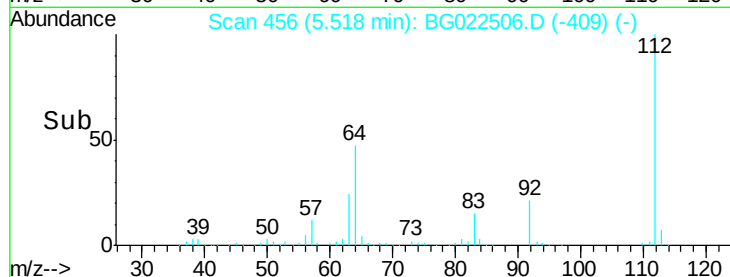
umangi
6/23/2016 7:07:23 PM



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



Time-->



#6

Aniline

Concen: 18.27 ng m

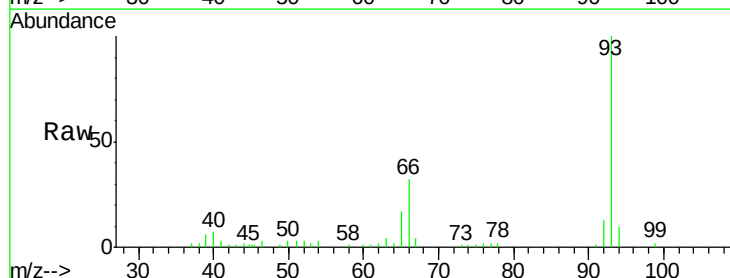
RT: 7.29 min Scan# 758

Delta R.T. -0.11 min

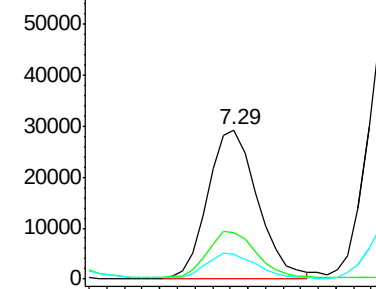
Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

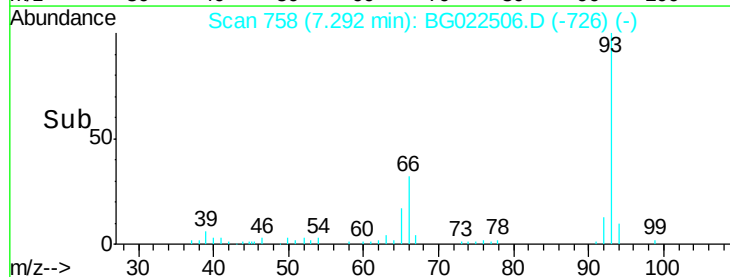
Tgt Ion:	93	Resp:	57355
Ion Ratio	Lower	Upper	
93	100		
66	31.6	36.3	54.5#
65	16.5	18.4	27.6#

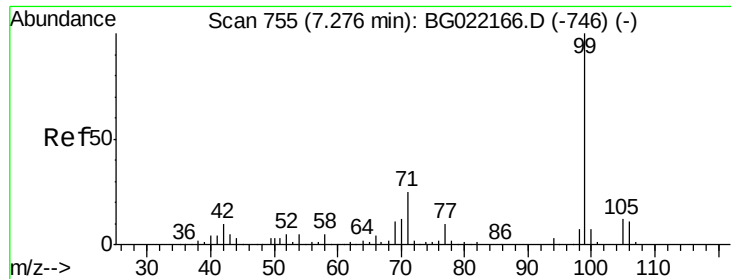


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



Time-->





#7

Phenol-d6

Concen: 168.01 ng

RT: 7.15 min Scan# 734

Delta R.T. -0.03 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Instrument :

BNA_G

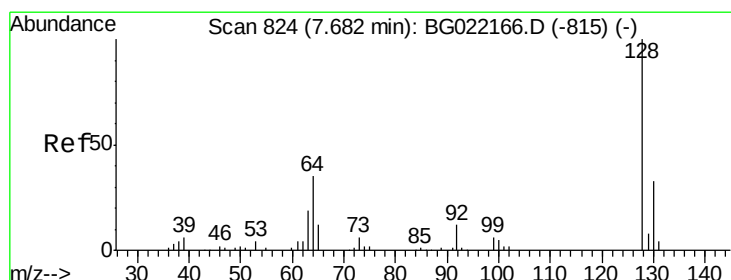
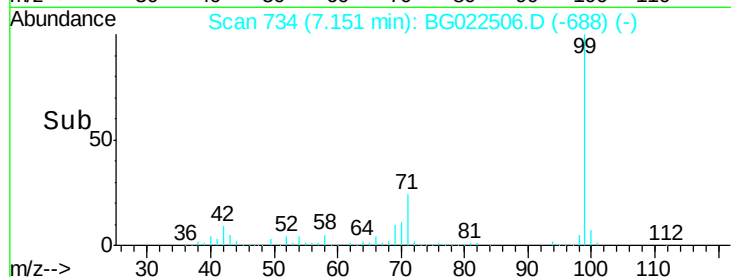
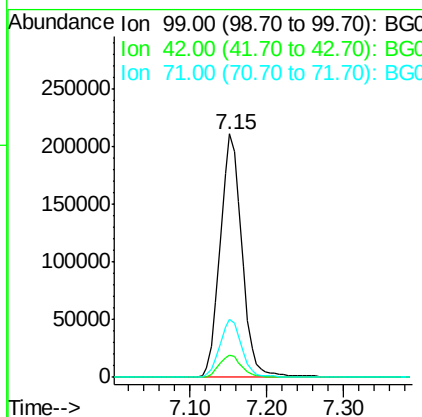
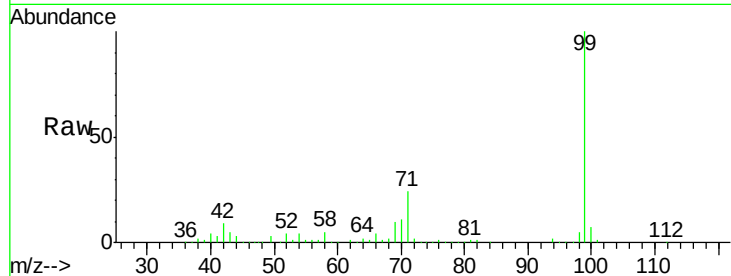
ClientSampleId :

SC-STA-1442(0-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		415116		
42	9.3	16.4	24.6#		
71	23.7	25.0	37.4#		

Manual Integrations
APPROVED

umangi
6/23/2016 7:07:23 PM



#8

2-Chlorophenol

Concen: 54.36 ng

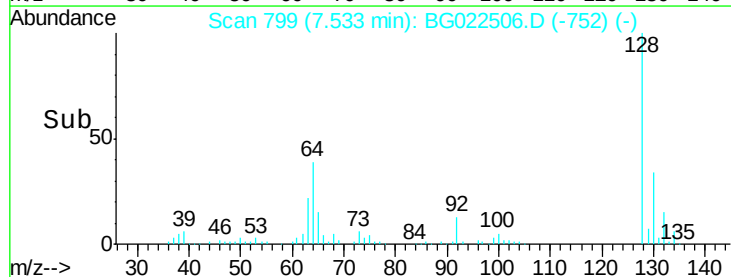
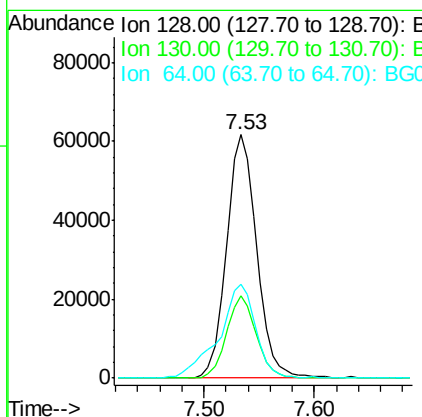
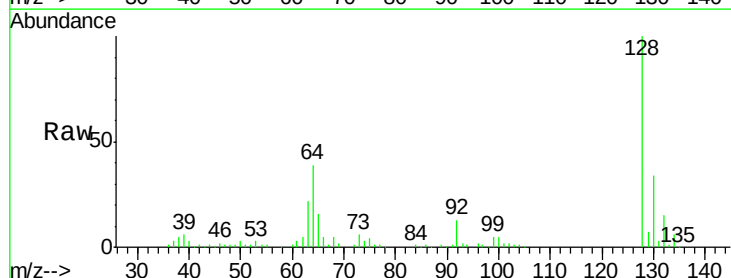
RT: 7.53 min Scan# 799

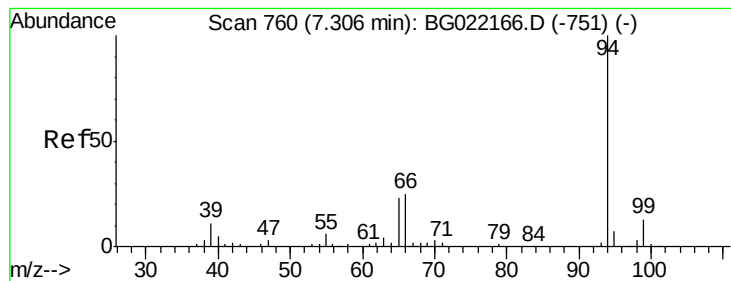
Delta R.T. -0.02 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		118068		
130	33.6	11.2	51.2		
64	38.7	39.8	79.8#		





#10

Phenol

Concen: 54.77 ng

RT: 7.18 min Scan# 739

Delta R.T. -0.02 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Instrument :

BNA_G

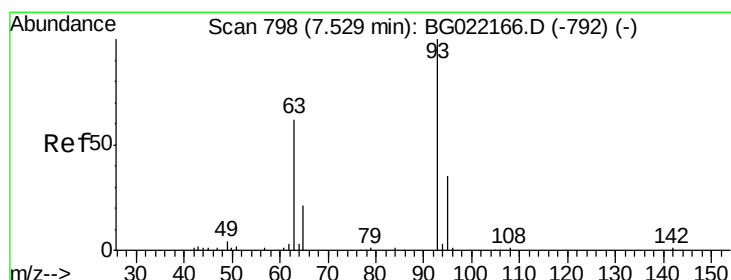
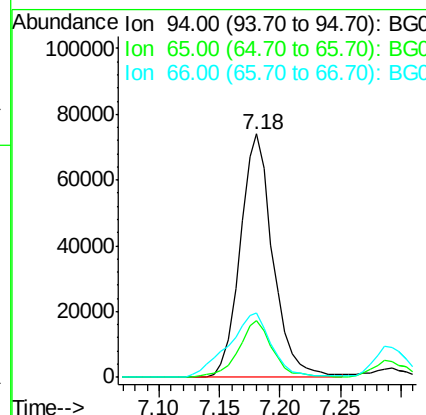
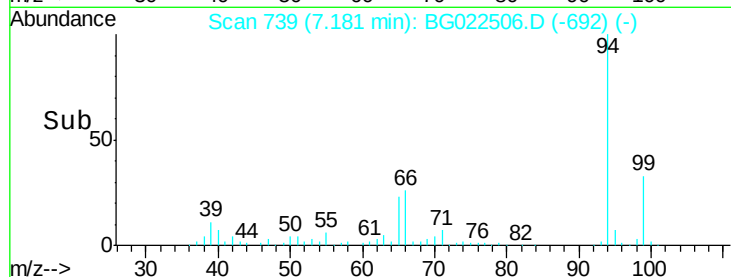
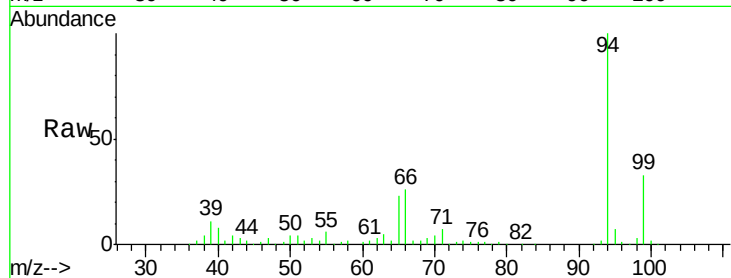
ClientSampleId :

SC-STA-1442(0-4)MS

Tot Ion	94	Resp	139532
Ion Ratio	Lower	Upper	
94	100		
65	23.2	9.8	49.8
66	26.5	20.8	60.8

Manual Integrations
APPROVED

umangi
6/23/2016 7:07:23 PM



#11

bis(2-Chloroethyl)ether

Concen: 53.12 ng

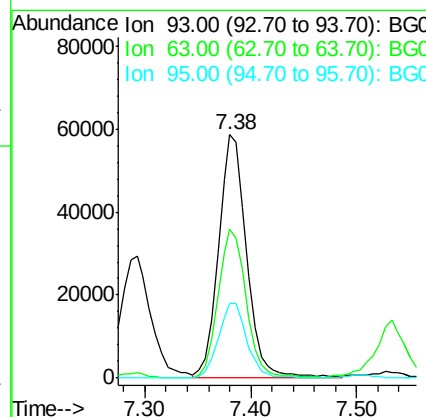
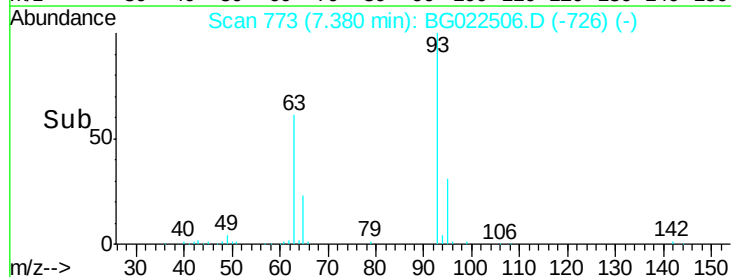
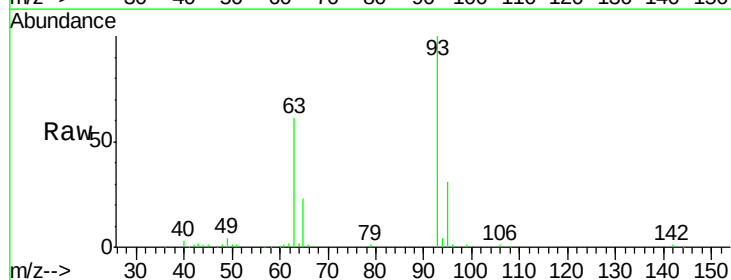
RT: 7.38 min Scan# 773

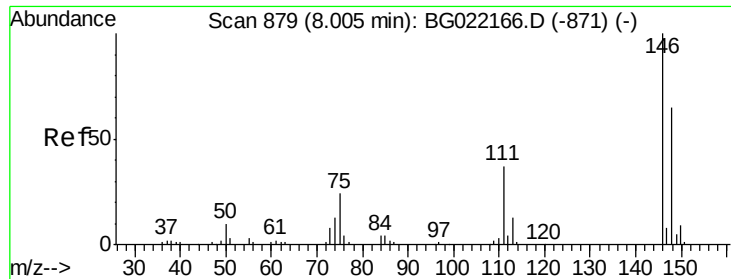
Delta R.T. -0.02 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Tgt Ion	93	Resp	107888
Ion Ratio	Lower	Upper	
93	100		
63	61.1	74.9	114.9#
95	30.6	8.3	48.3





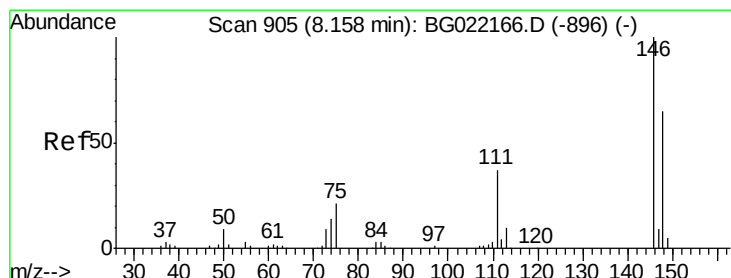
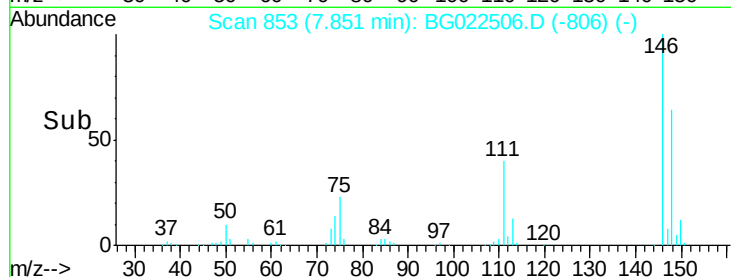
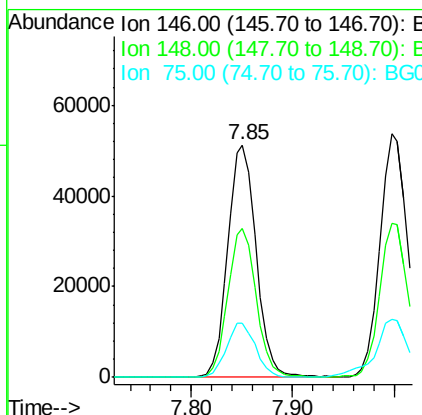
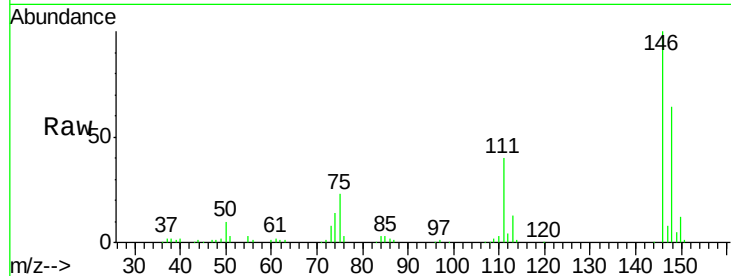
#12
 1,3-Dichlorobenzene
 Concen: 42.76 ng
 RT: 7.85 min Scan# 853
 Delta R.T. -0.02 min
 Lab File: BG022506.D
 Acq: 23 Jun 2016 5:49

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1442(0-4)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	53.7	80.5
75	23.0	27.4	41.0

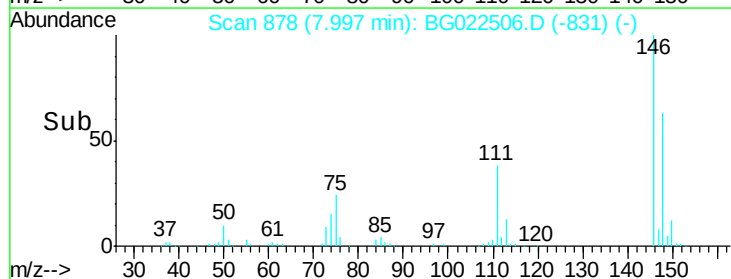
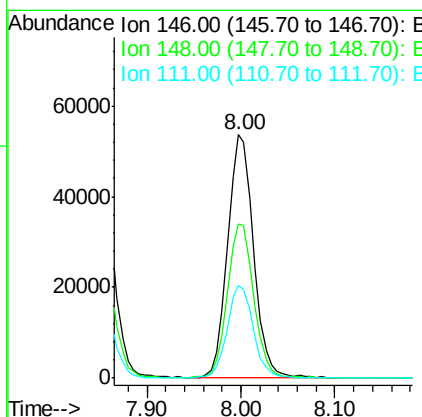
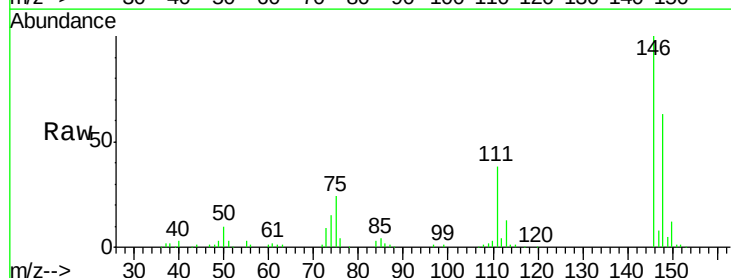
Manual Integrations
 APPROVED

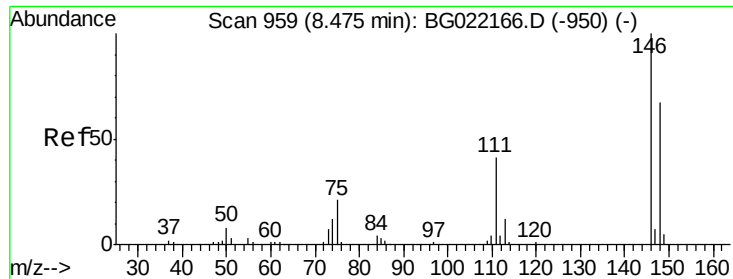
umangi
 6/23/2016 7:07:23 PM



#13
 1,4-Dichlorobenzene
 Concen: 44.35 ng
 RT: 8.00 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BG022506.D
 Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	46.7	70.1
111	37.8	33.0	49.6





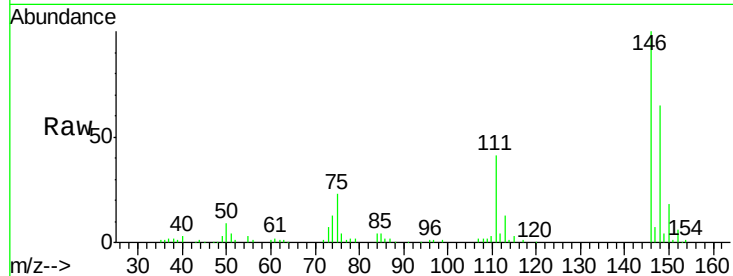
#14
 1,2-Dichlorobenzene
 Concen: 44.71 ng
 RT: 8.32 min Scan# 933
 Delta R.T. -0.02 min
 Lab File: BG022506.D
 Acq: 23 Jun 2016 5:49

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1442(0-4)MS

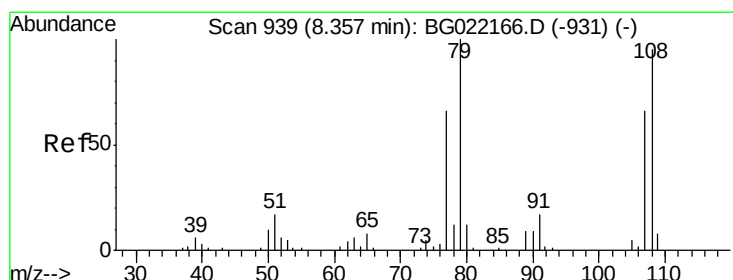
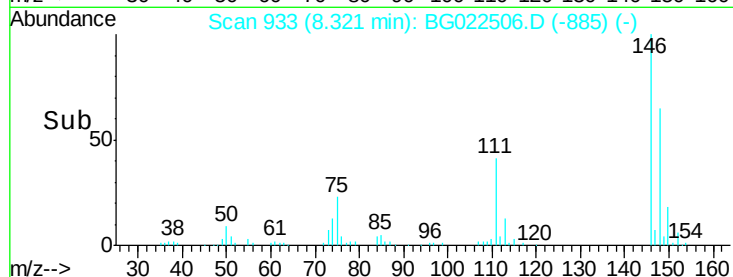
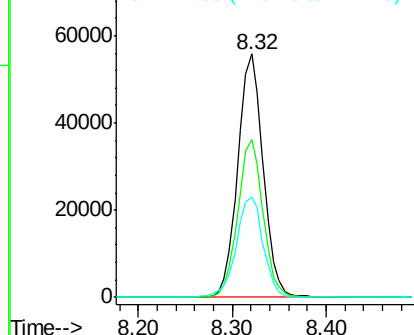
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.6	79.0
111	41.3	36.1	54.1

Manual Integrations
 APPROVED

umangi
 6/23/2016 7:07:23 PM

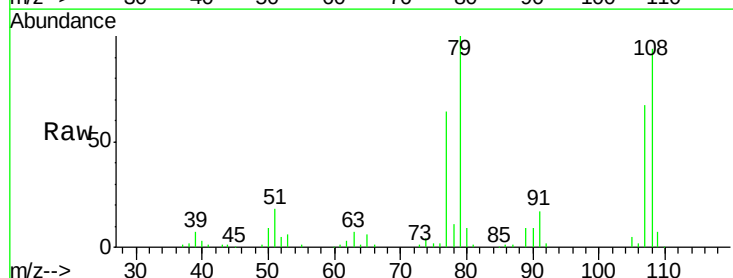


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

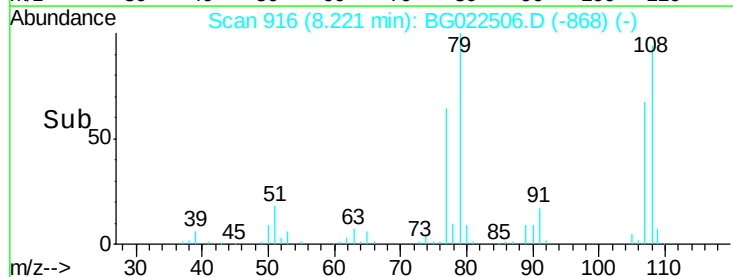
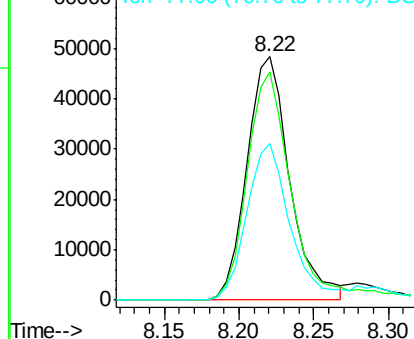


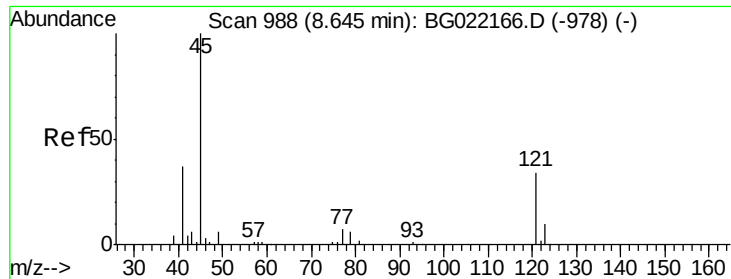
#15
 Benzyl Alcohol
 Concen: 60.27 ng
 RT: 8.22 min Scan# 916
 Delta R.T. -0.02 min
 Lab File: BG022506.D
 Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Lower	Upper
79	100		
108	93.6	59.4	89.0#
77	64.2	52.2	78.2



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





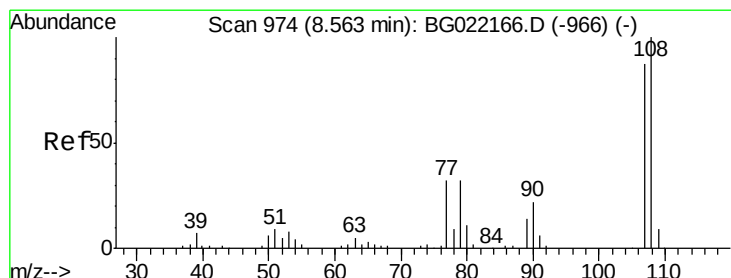
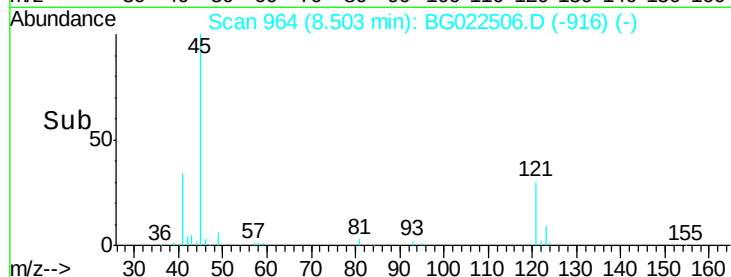
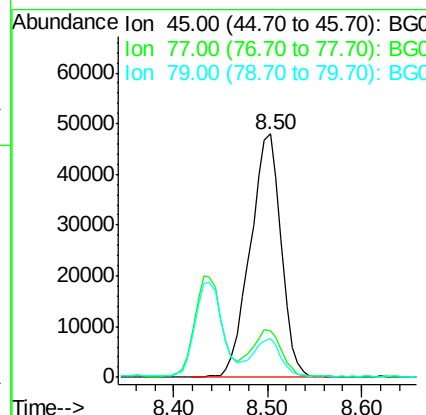
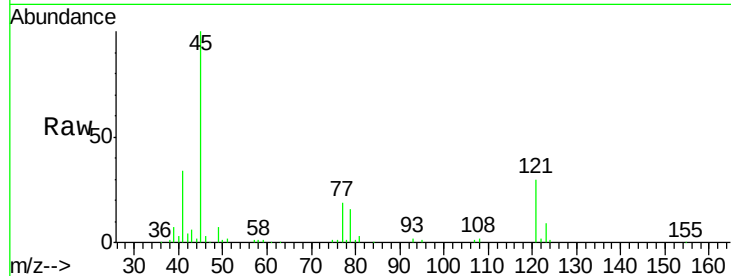
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 51.85 ng
RT: 8.50 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MS

Tot Ion	Ratio	Lower	Upper
45	100		
77	19.1	0.0	31.2
79	15.8	0.0	29.0

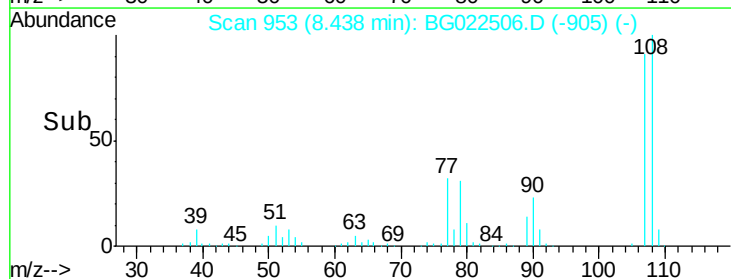
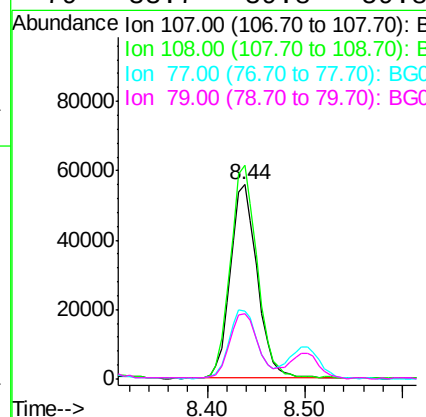
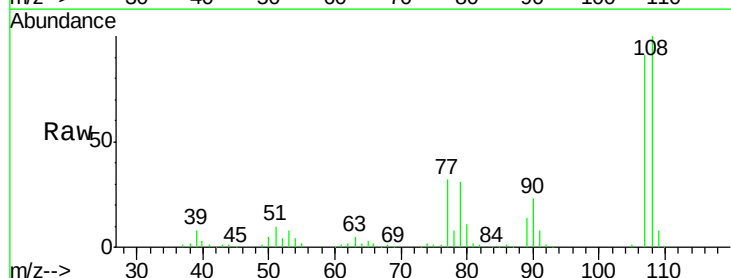
Manual Integrations
APPROVED

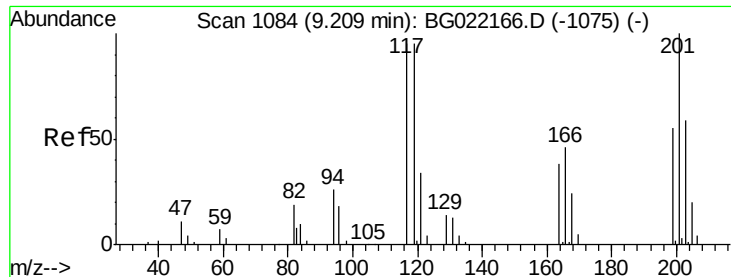
umangi
6/23/2016 7:07:23 PM



#17
2-Methylphenol
Concen: 56.42 ng
RT: 8.44 min Scan# 953
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.1	80.2	120.4
77	35.3	40.7	61.1#
79	33.7	39.8	59.8#





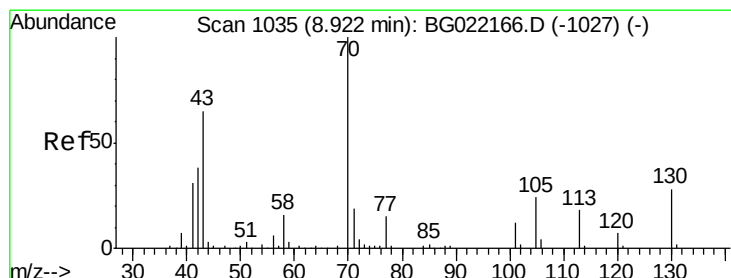
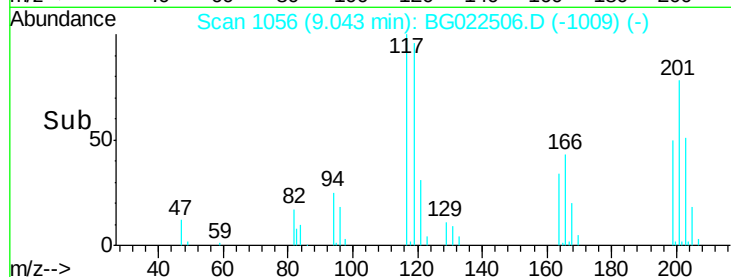
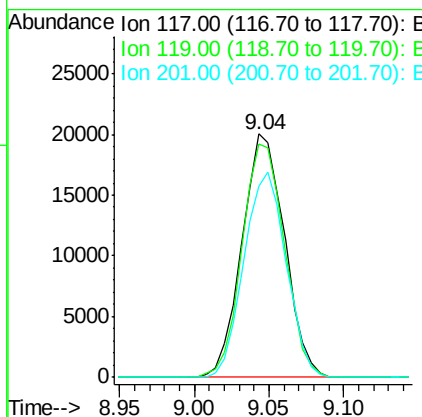
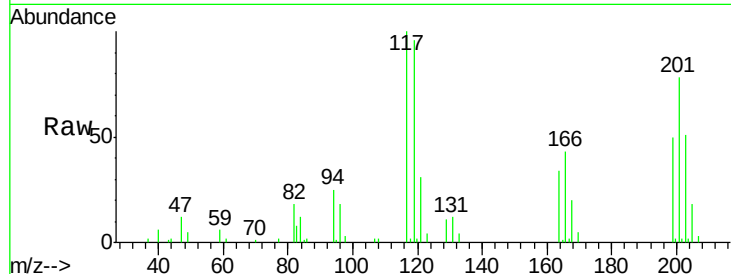
#18
Hexachloroethane
Concen: 46.58 ng
RT: 9.04 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	63.9	95.9	
201	78.4	61.2	91.8	

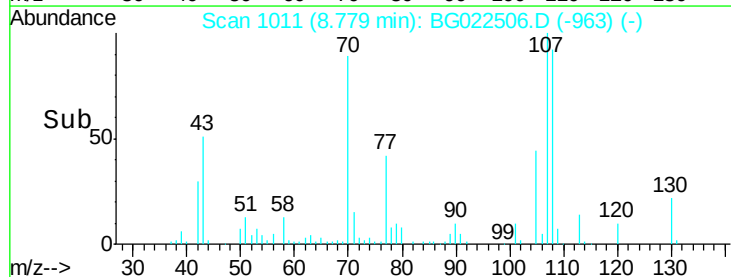
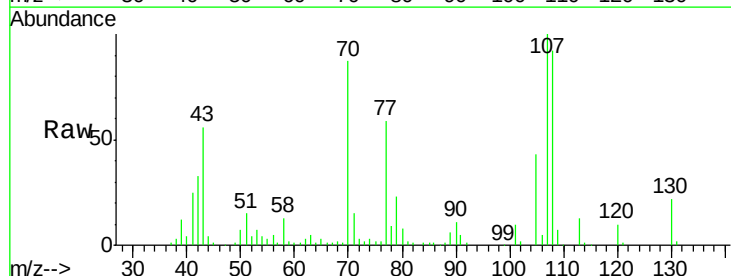
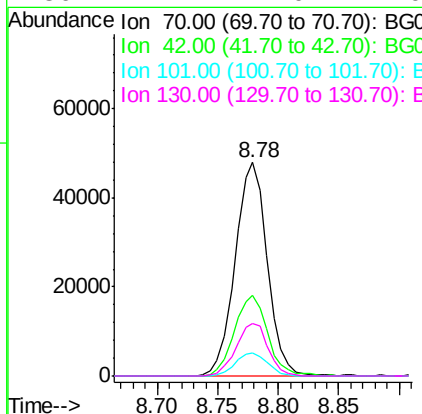
Manual Integrations
APPROVED

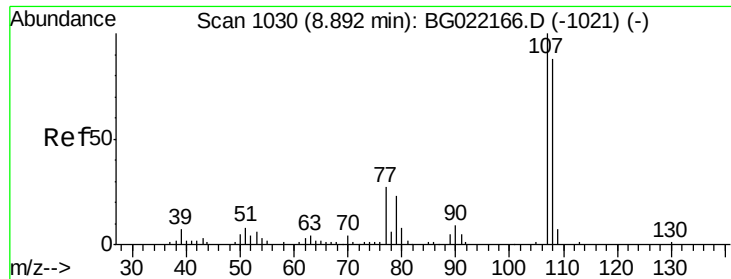
umangi
6/23/2016 7:07:23 PM



#19
n-Nitroso-di-n-propylamine
Concen: 53.02 ng
RT: 8.78 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	38.0	56.7	85.1#	
101	11.1	8.2	12.4	
130	24.7	14.0	21.0#	





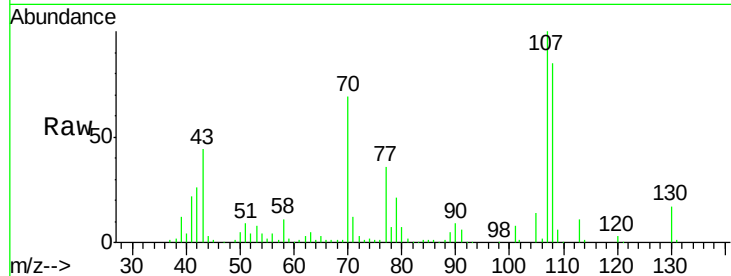
#20
3+4-Methylphenols
Concen: 55.98 ng
RT: 8.77 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MS

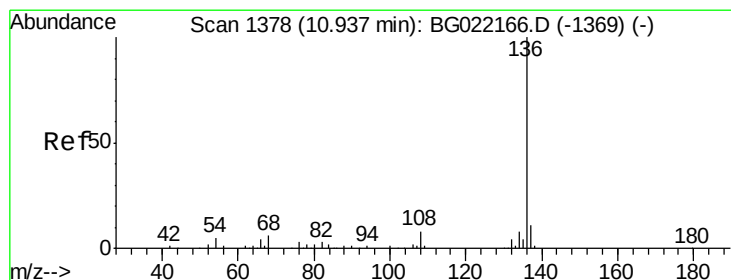
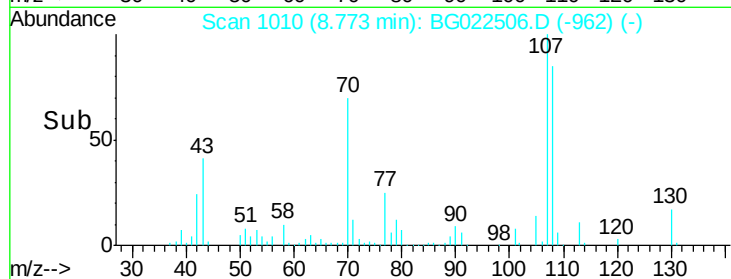
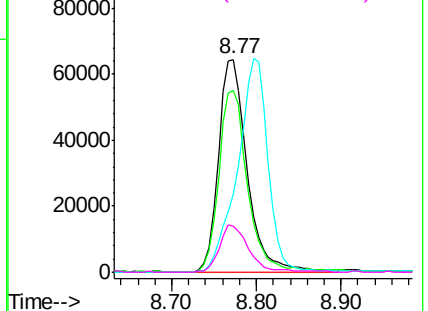
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	85.4	66.2	106.2	
77	36.4	11.5	51.5	
79	21.5	5.6	45.6	

Manual Integrations
APPROVED

umangi
6/23/2016 7:07:23 PM



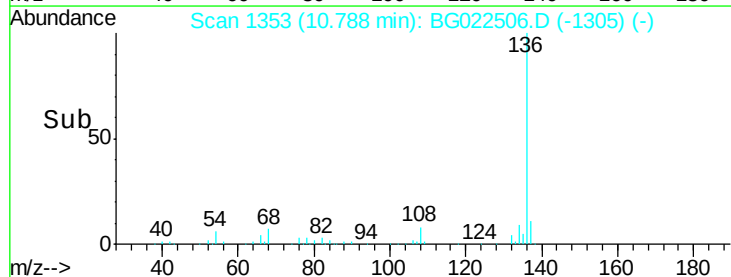
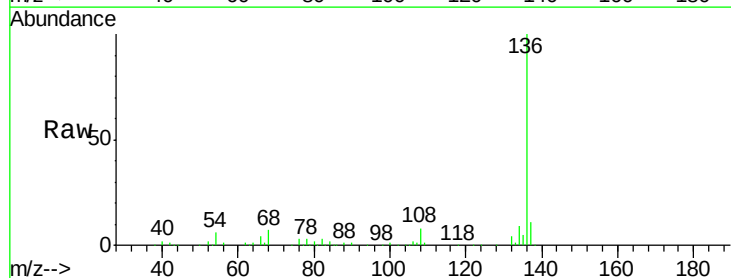
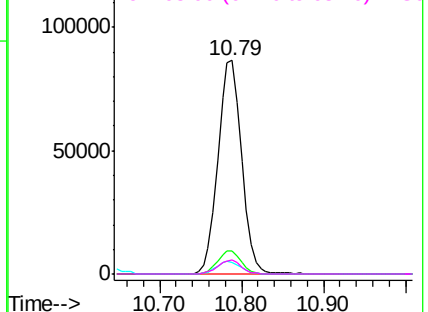
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

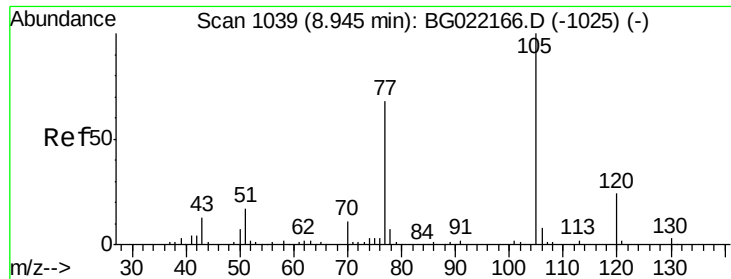


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.79 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.0	13.4	
54	5.7	9.6	14.4	
68	6.8	6.4	9.6	

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





#22

Acetophenone

Concen: 46.21 ng

RT: 8.80 min Scan# 1015

Delta R.T. -0.02 min

Lab File: BG022506.D

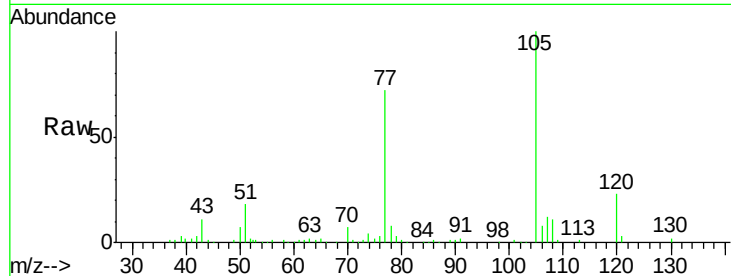
Acq: 23 Jun 2016 5:49

Instrument :

BNA_G

ClientSampleId :

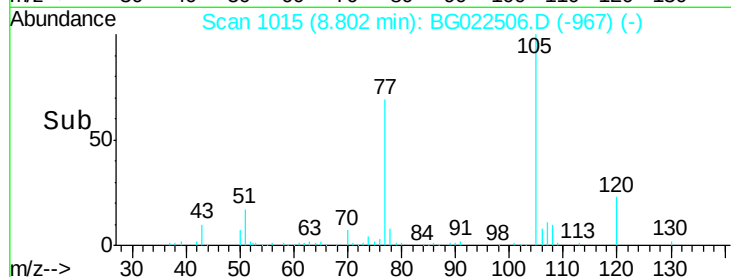
SC-STA-1442(0-4)MS



Tot Ion	Ratio	Resp	Lower	Upper
105	100	173815		
71	1.2	0.0	0.0#	
51	17.7	25.7	38.5#	
120	23.3	17.0	25.6	

Manual Integrations
APPROVED

umangi
6/23/2016 7:07:23 PM

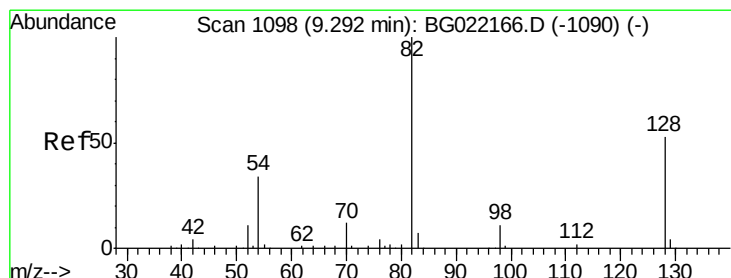
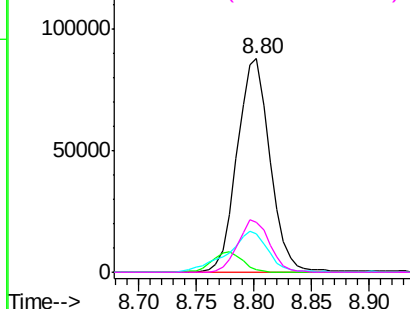


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

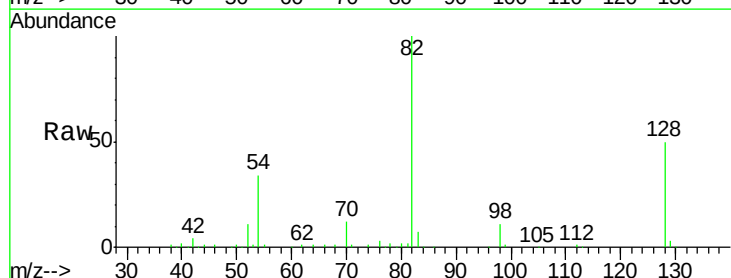
Concen: 98.96 ng

RT: 9.14 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

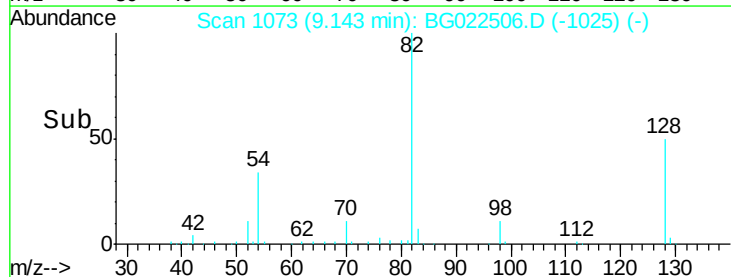
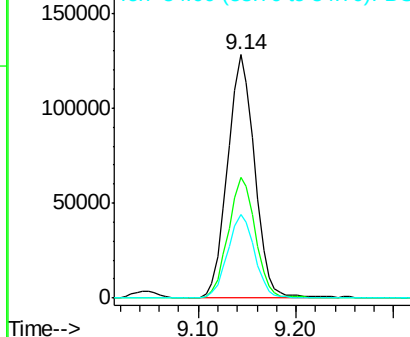


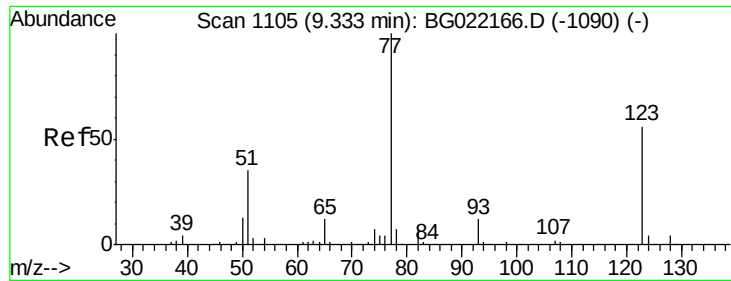
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	247759		
128	49.6	33.4	50.0	
54	34.3	46.1	69.1#	

Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





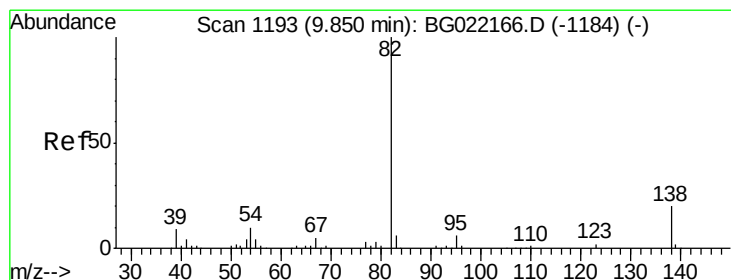
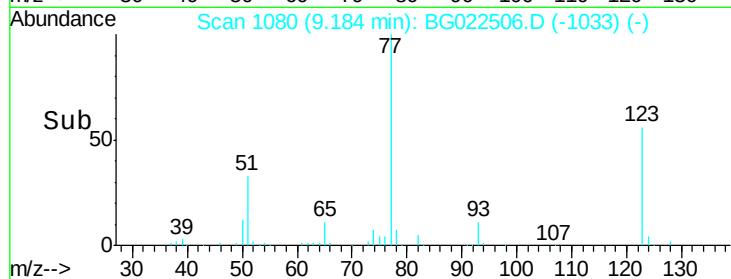
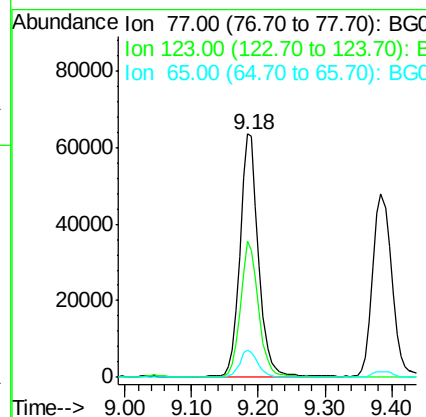
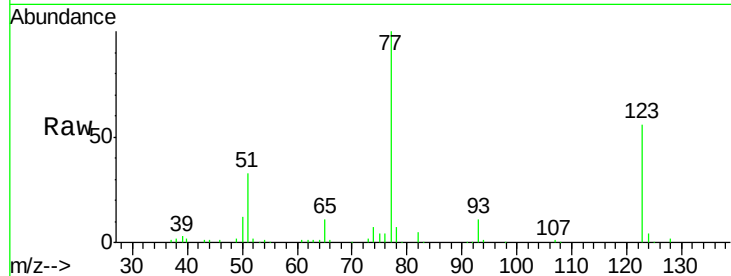
#24
Nitrobenzene
Concen: 49.53 ng
RT: 9.18 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
123	55.7	32.2	48.4#	
65	11.1	10.3	15.5	

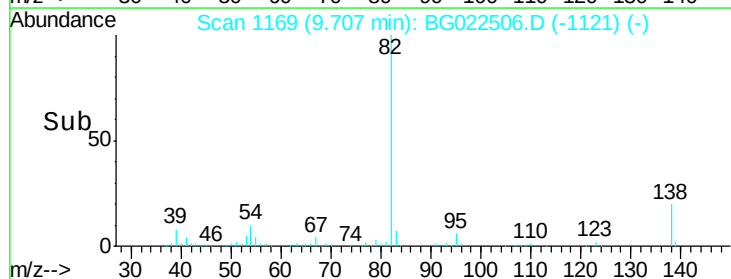
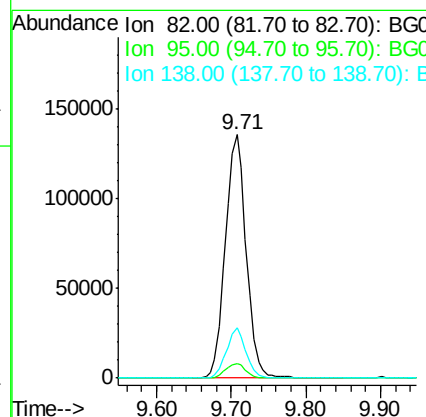
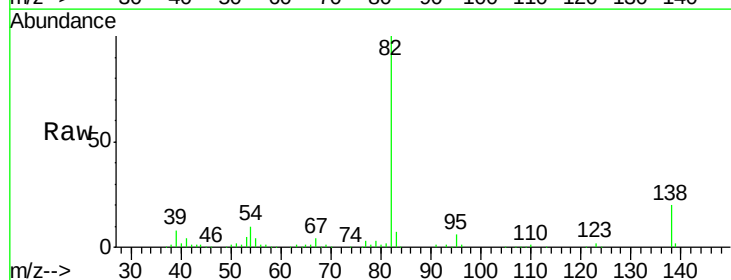
Manual Integrations
APPROVED

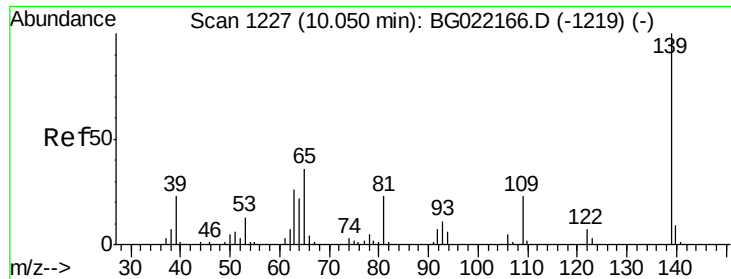
umangi
6/23/2016 7:07:23 PM



#25
Isophorone
Concen: 44.94 ng
RT: 9.71 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.0	6.0	9.0	
138	20.4	13.4	20.0#	





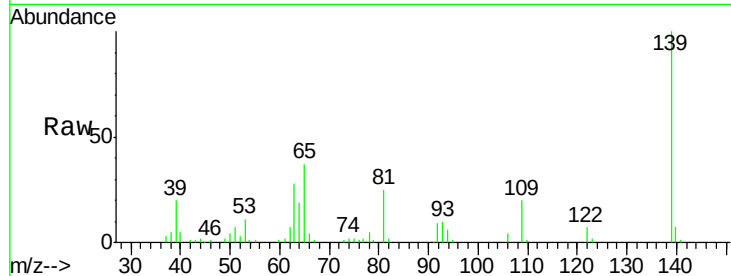
#26
2-Nitrophenol
Concen: 50.87 ng
RT: 9.90 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MS

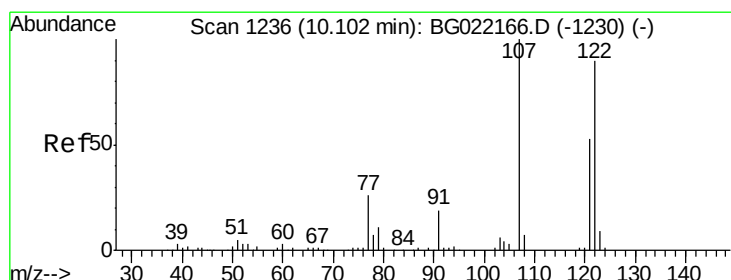
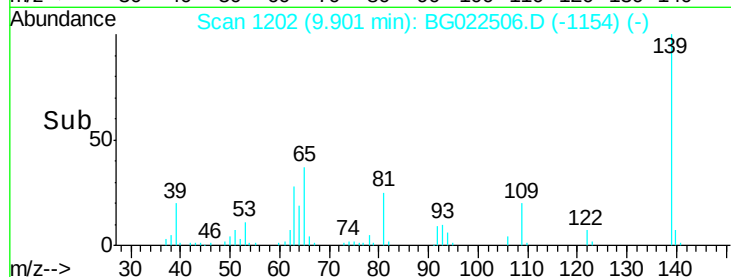
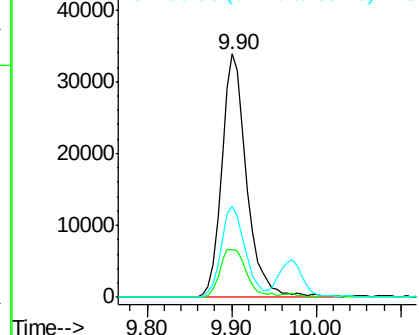
Tot Ion	Ratio	Resp	Lower	Upper
139	100	69442		
109	19.9	26.6	40.0#	
65	37.4	45.3	67.9#	

Manual Integrations
APPROVED

umangi
6/23/2016 7:07:23 PM

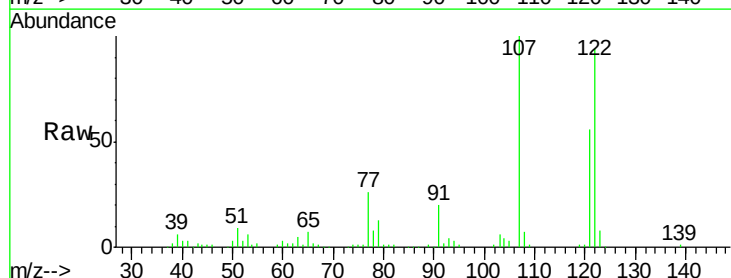


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

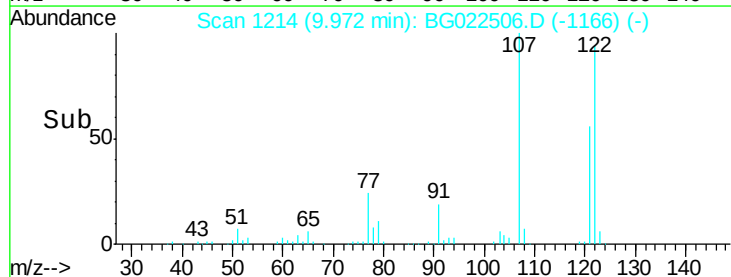
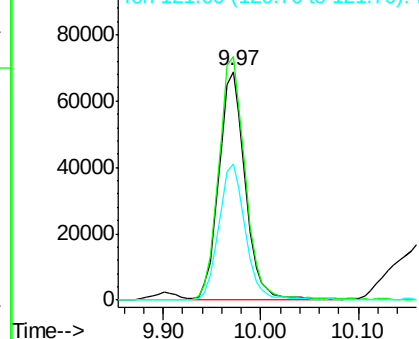


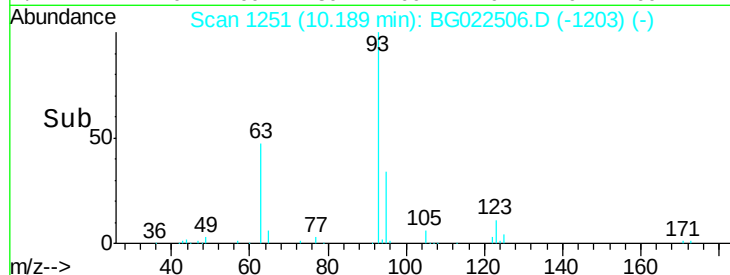
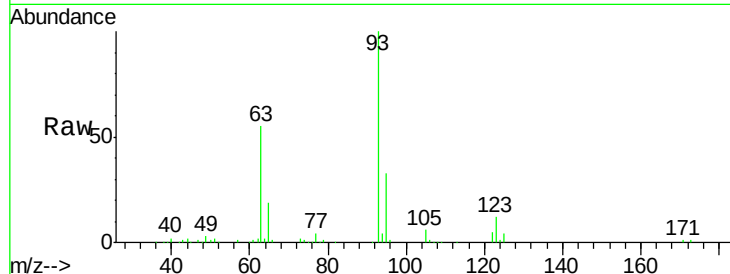
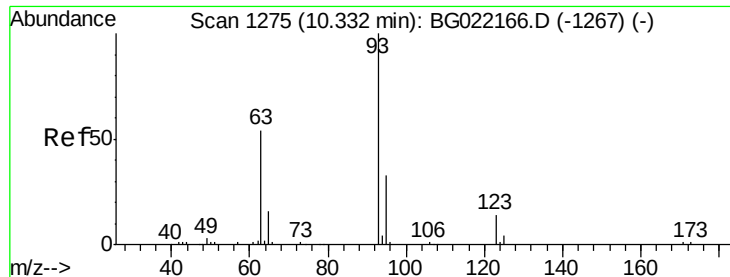
#27
2,4-Dimethylphenol
Concen: 51.51 ng
RT: 9.97 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	127290		
107	106.6	97.2	145.8	
121	59.4	49.0	73.4	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





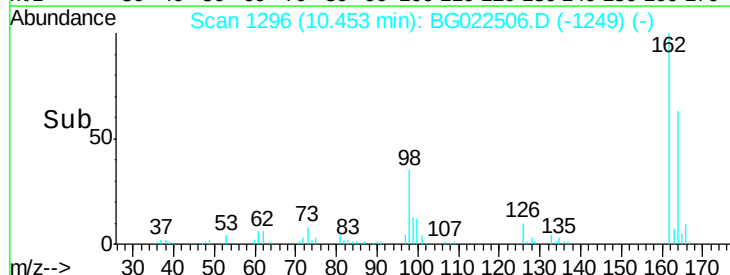
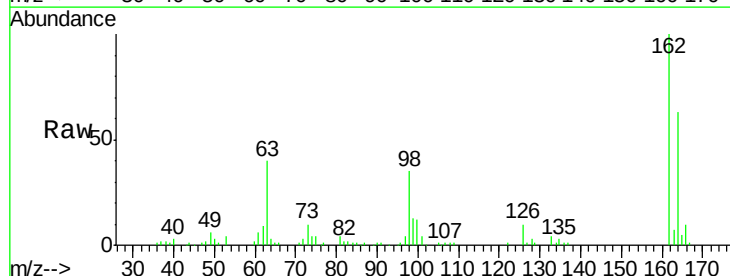
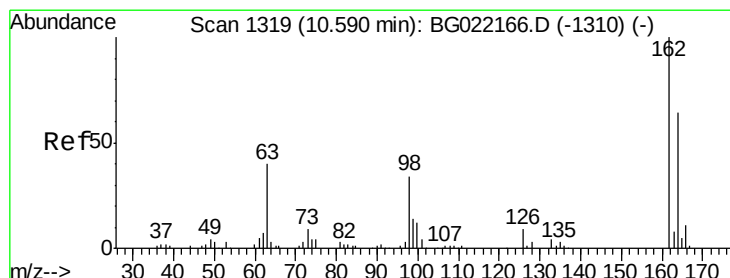
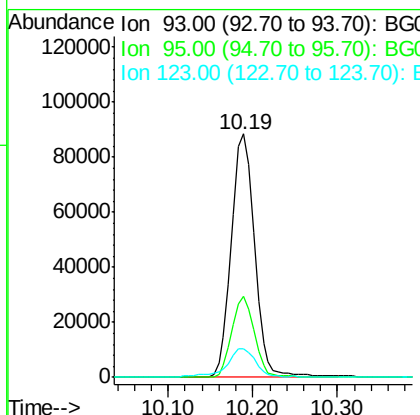
#28
bis(2-Chloroethoxy)methane
Concen: 50.25 ng
RT: 10.19 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	168640		
95	33.1	30.1	45.1	
123	11.8	10.2	15.4	

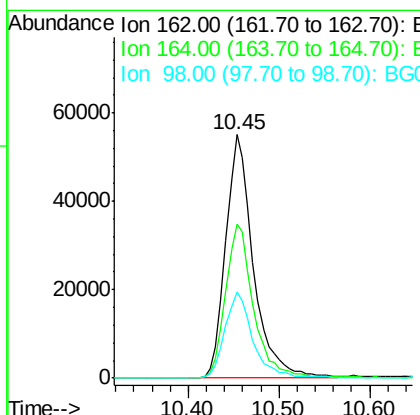
Manual Integrations
APPROVED

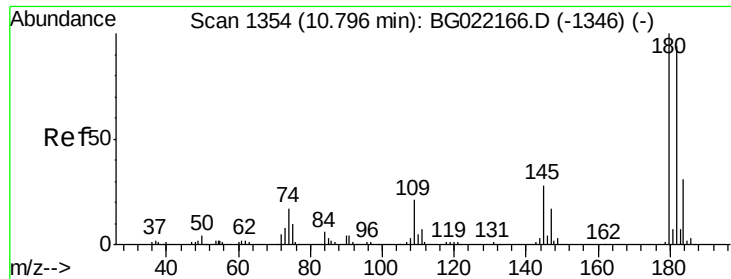
umangi
6/23/2016 7:07:23 PM



#29
2,4-Dichlorophenol
Concen: 51.15 ng
RT: 10.45 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	117088		
164	63.0	44.9	84.9	
98	35.4	19.2	59.2	





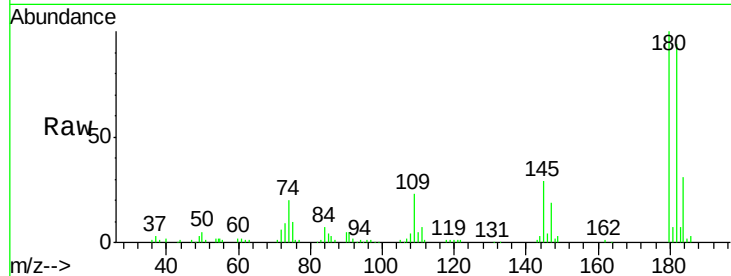
#30
1,2,4-Trichlorobenzene
Concen: 42.30 ng
RT: 10.65 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MS

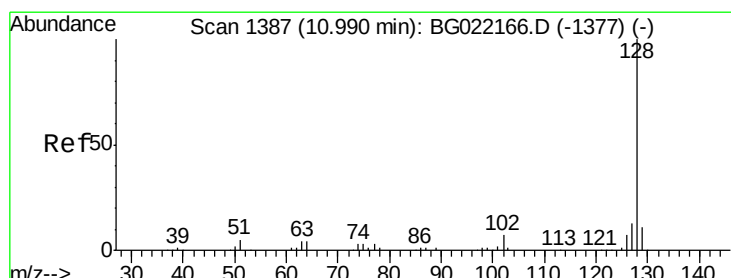
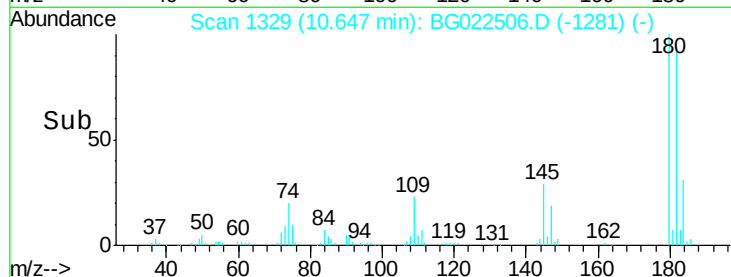
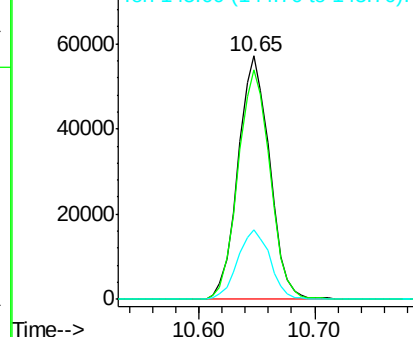
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.1	82.3	123.5	
145	28.6	24.4	36.6	

Manual Integrations
APPROVED

umangi
6/23/2016 7:07:23 PM

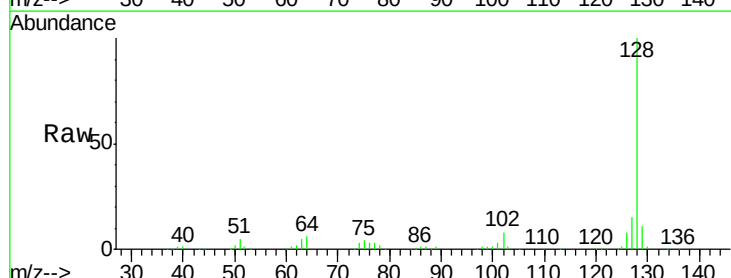


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

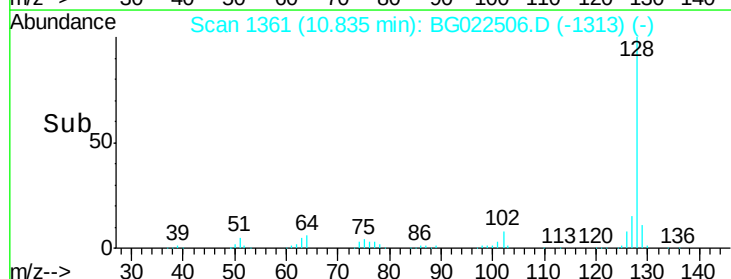
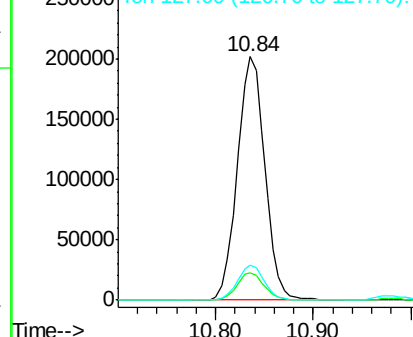


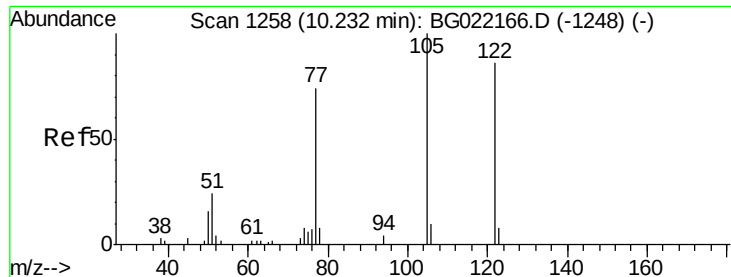
#31
Naphthalene
Concen: 45.33 ng
RT: 10.84 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	7.0	10.6#	
127	14.6	10.1	15.1	



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 59.49 ng

RT: 10.17 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Instrument :

BNA_G

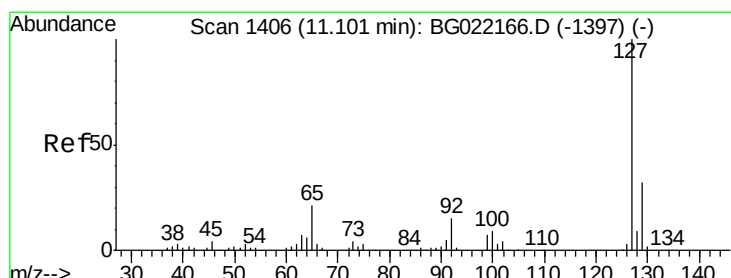
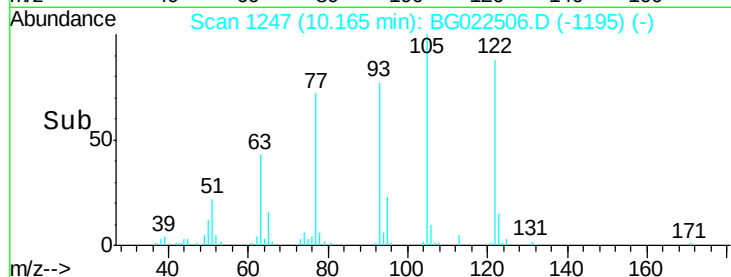
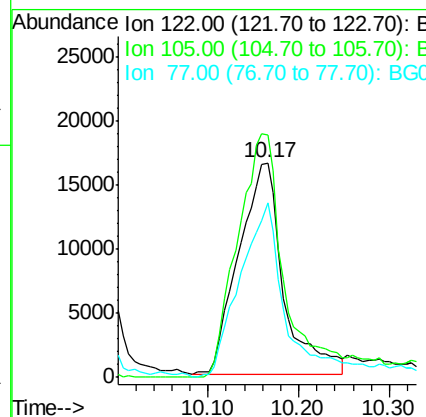
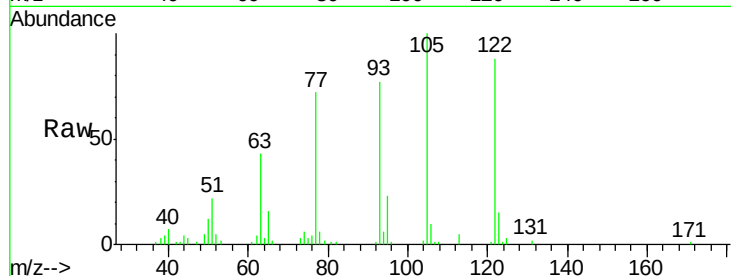
ClientSampleId :

SC-STA-1442(0-4)MS

Tot Ion:	122	Resp:	56350
Ion Ratio	Lower	Upper	
122	100		
105	113.1	104.5	144.5
77	81.3	79.9	119.9

Manual Integrations
APPROVED

umangi
6/23/2016 7:07:23 PM



#33

4-Chloroaniline

Concen: 2.83 ng

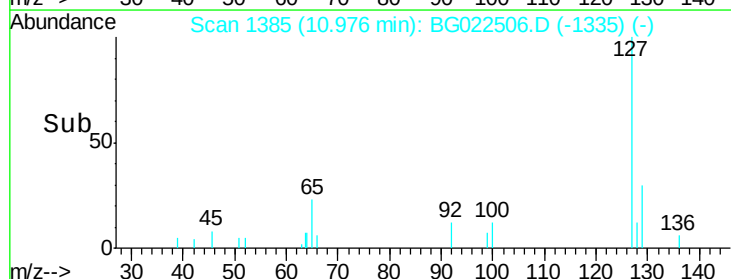
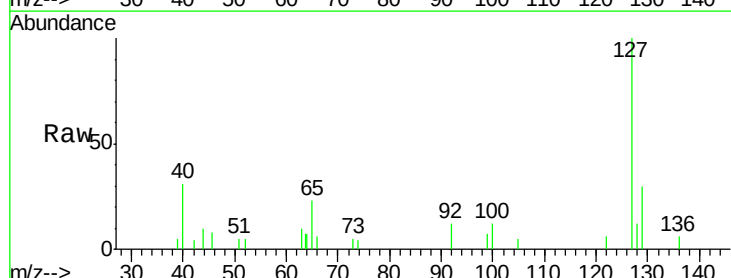
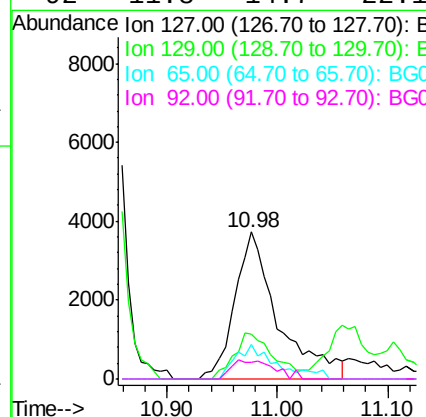
RT: 10.98 min Scan# 1385

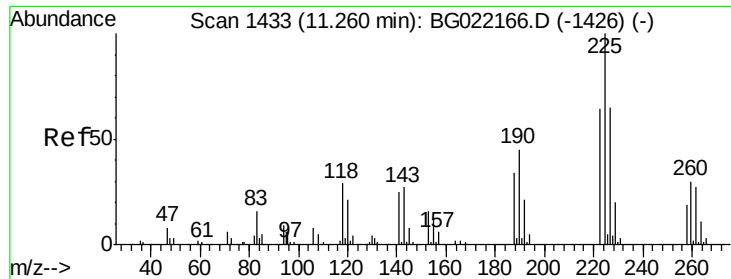
Delta R.T. -0.01 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Tgt Ion:	127	Resp:	10236
Ion Ratio	Lower	Upper	
127	100		
129	30.3	26.6	39.8
65	23.2	27.5	41.3#
92	11.8	14.7	22.1#





#34

Hexachlorobutadiene

Concen: 37.44 ng

RT: 11.11 min Scan# 1407

Delta R.T. -0.02 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Instrument :

BNA_G

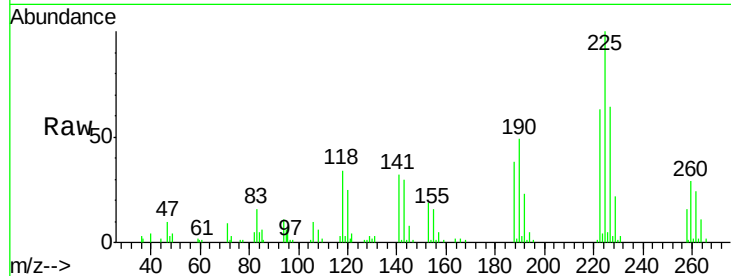
ClientSampleId :

SC-STA-1442(0-4)MS

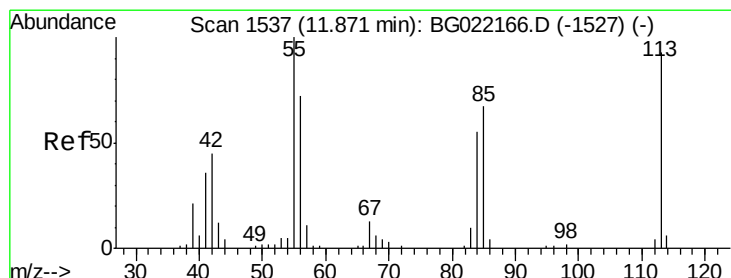
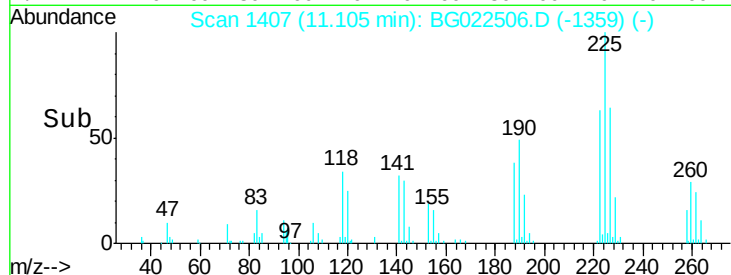
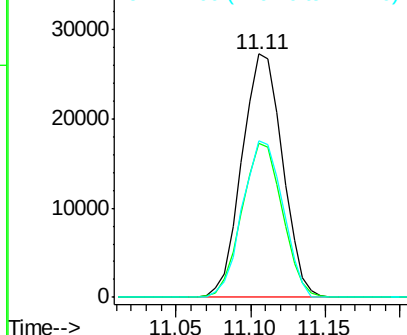
Tot Ion:	225	Resp:	51409
Ion Ratio	Lower	Upper	
225	100		
223	64.2	52.7	79.1
227	63.7	49.7	74.5

Manual Integrations
APPROVED

umangi
6/23/2016 7:07:23 PM



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



#35

Caprolactam

Concen: 35.85 ng m

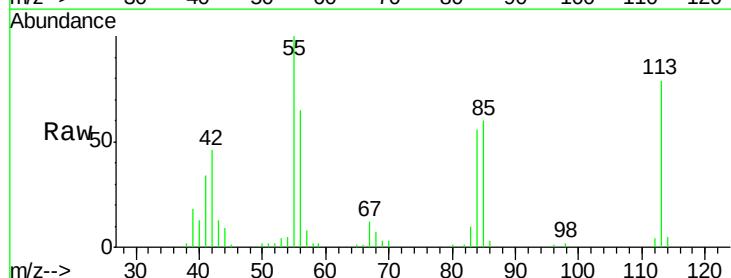
RT: 11.75 min Scan# 1517

Delta R.T. -0.01 min

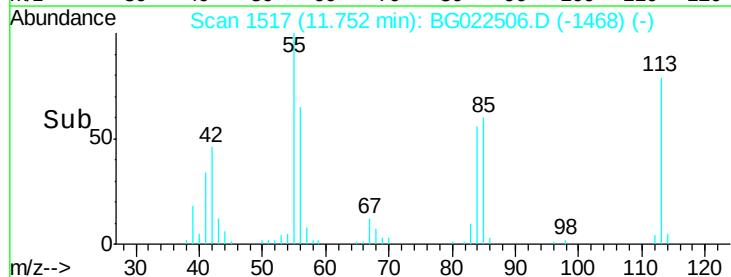
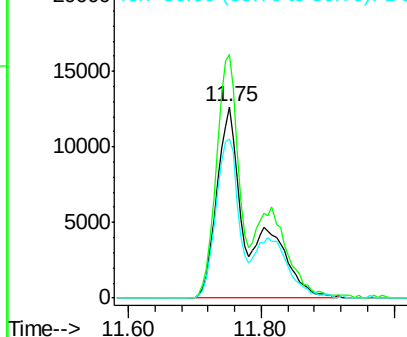
Lab File: BG022506.D

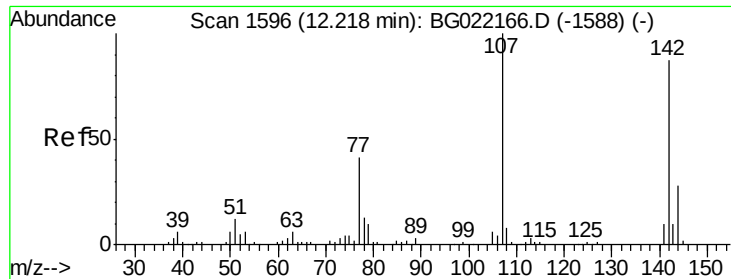
Acq: 23 Jun 2016 5:49

Tgt Ion:	113	Resp:	45012
Ion Ratio	Lower	Upper	
113	100		
55	127.0	194.2	234.2#
56	83.2	122.6	162.6#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC





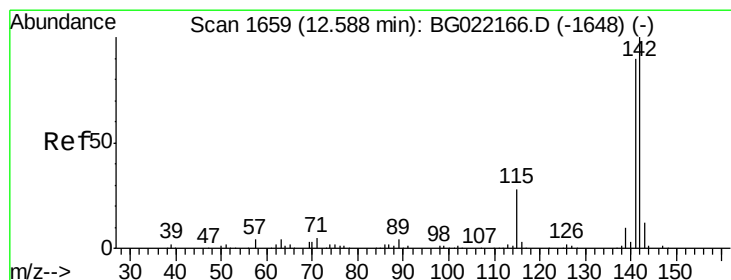
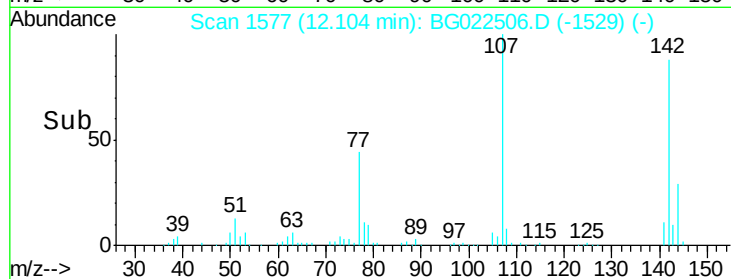
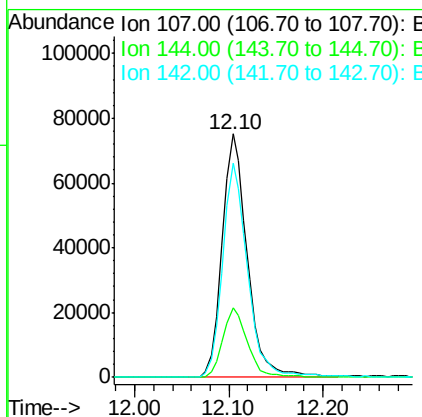
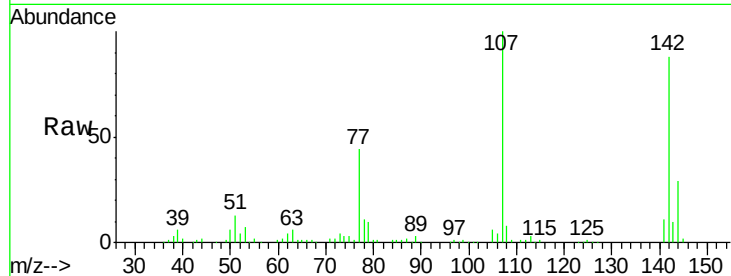
#36
 4-Chloro-3-methylphenol
 Concen: 51.61 ng
 RT: 12.10 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BG022506.D
 Acq: 23 Jun 2016 5:49

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1442(0-4)MS

Tot Ion:	107	Resp:	140034
Ion Ratio	Lower	Upper	
107	100		
144	28.7	19.2	28.8
142	87.8	59.1	88.7

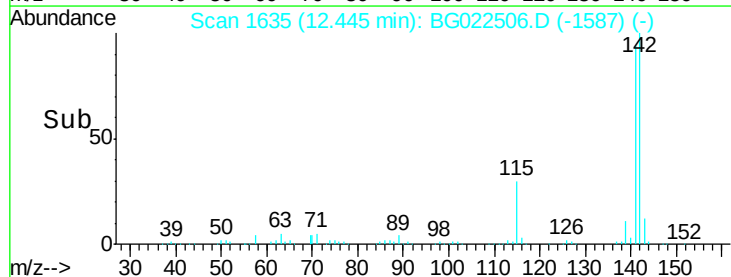
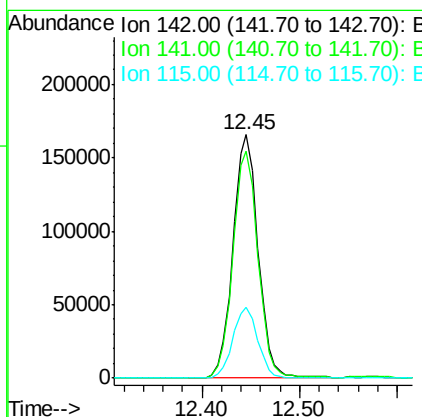
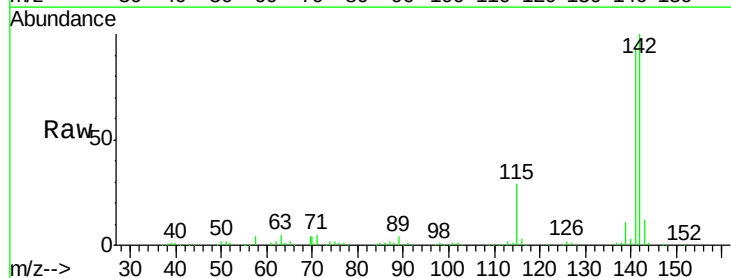
Manual Integrations
 APPROVED

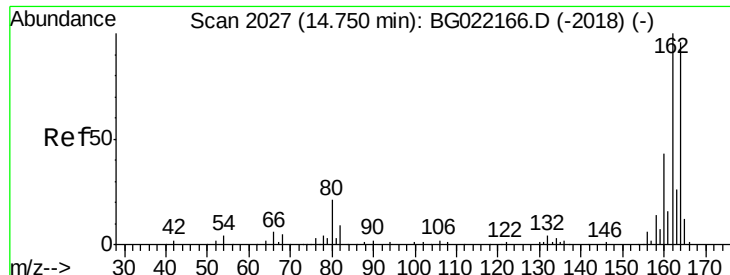
umangi
 6/23/2016 7:07:23 PM



#37
 2-Methylnaphthalene
 Concen: 46.06 ng
 RT: 12.45 min Scan# 1635
 Delta R.T. -0.02 min
 Lab File: BG022506.D
 Acq: 23 Jun 2016 5:49

Tgt Ion:	142	Resp:	296241
Ion Ratio	Lower	Upper	
142	100		
141	93.4	71.4	107.0
115	29.3	27.4	41.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.62 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Instrument :

BNA_G

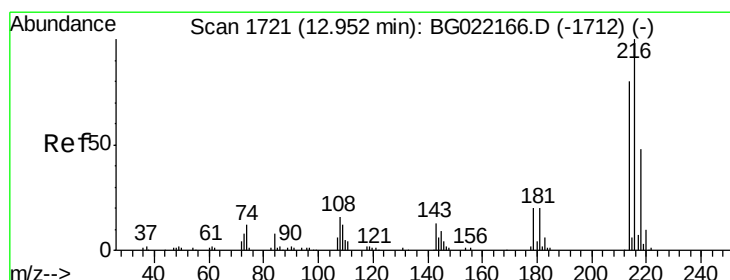
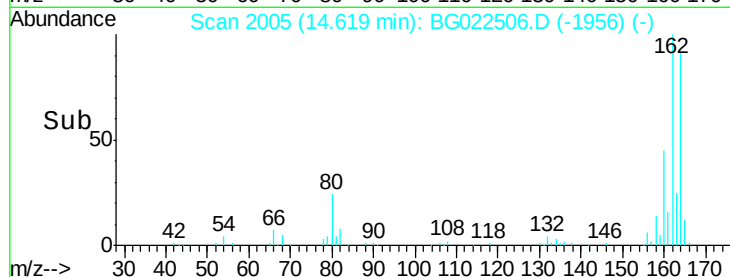
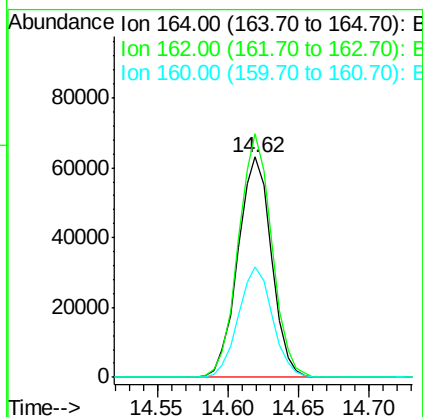
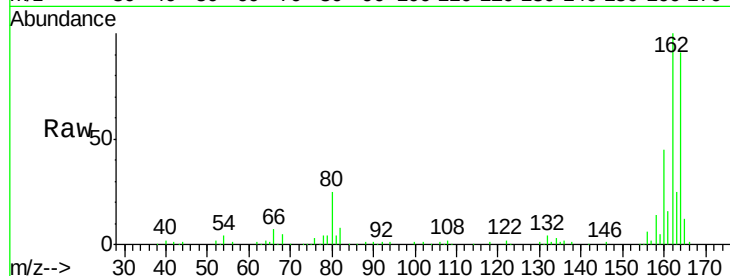
ClientSampleId :

SC-STA-1442(0-4)MS

Tot Ion:	164	Resp:	105039
Ion Ratio	Lower	Upper	
164	100		
162	110.5	78.0	117.0
160	50.2	32.9	49.3#

Manual Integrations
APPROVED

umangi
6/23/2016 7:07:23 PM



#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.44 ng

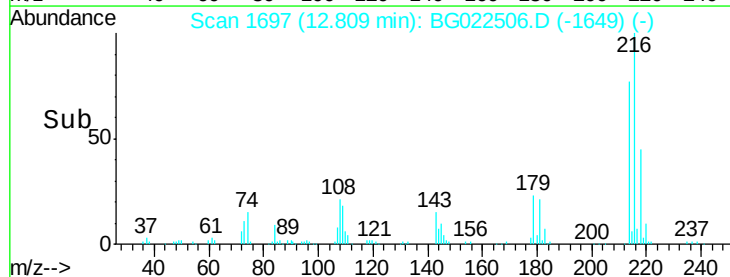
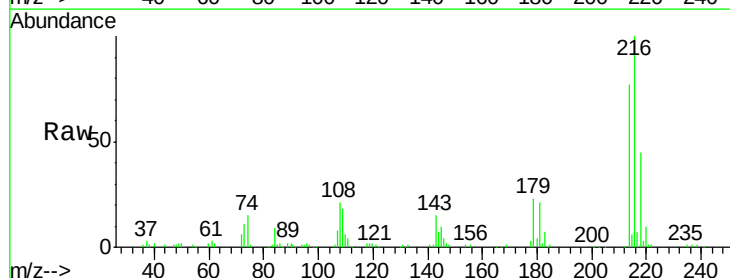
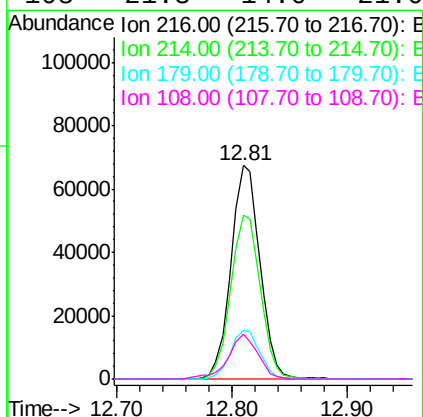
RT: 12.81 min Scan# 1697

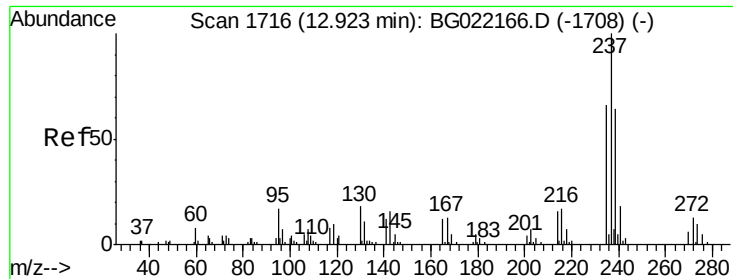
Delta R.T. -0.02 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Tgt Ion:	216	Resp:	117463
Ion Ratio	Lower	Upper	
216	100		
214	78.3	62.2	93.2
179	22.8	16.7	25.1
108	21.3	14.0	21.0#





#40

Hexachlorocyclopentadiene

Concen: 36.85 ng

RT: 12.78 min Scan# 1692

Delta R.T. -0.02 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Instrument :

BNA_G

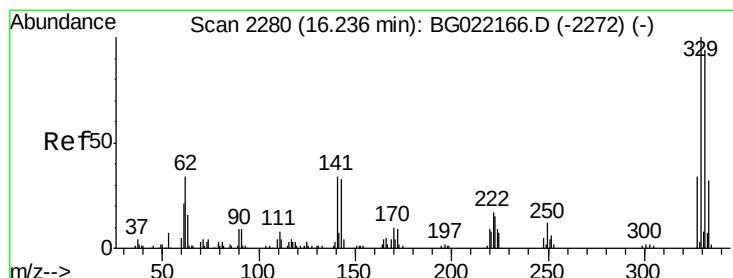
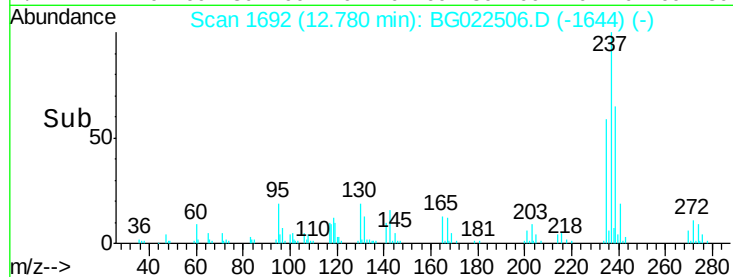
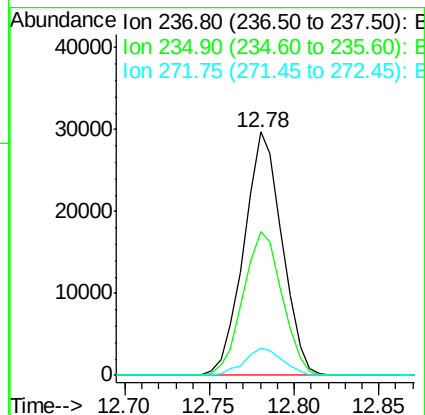
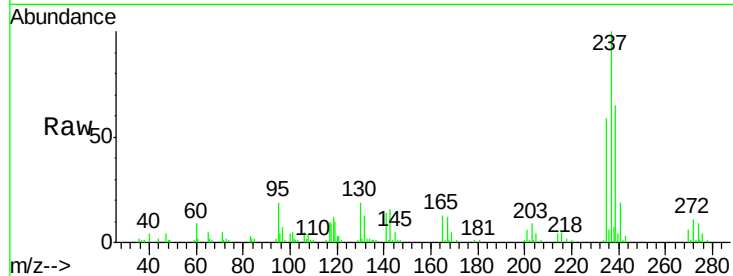
ClientSampleId :

SC-STA-1442(0-4)MS

Tot Ion:	237	Resp:	46713
Ion Ratio	Lower	Upper	
237	100		
235	58.8	43.2	83.2
272	11.2	0.0	33.4

Manual Integrations
APPROVED

umangi
6/23/2016 7:07:23 PM



#41

2,4,6-Tribromophenol

Concen: 114.81 ng

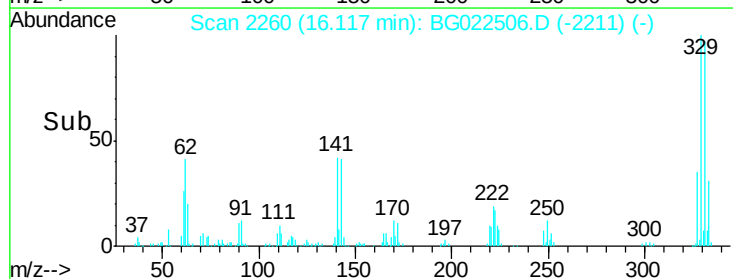
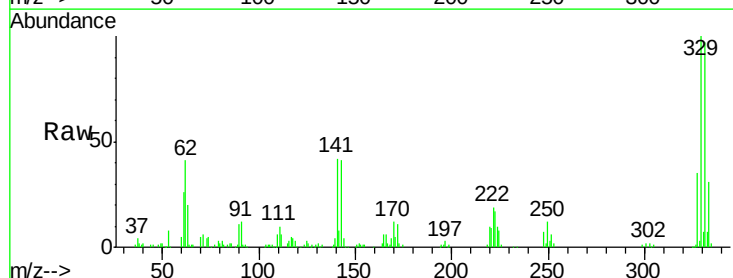
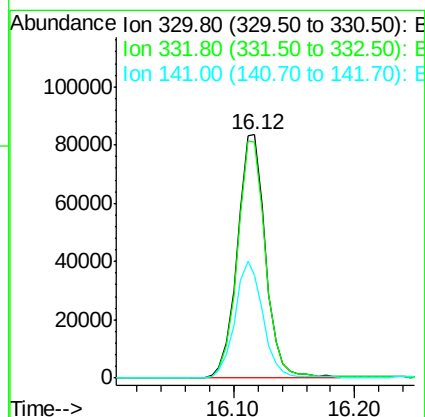
RT: 16.12 min Scan# 2260

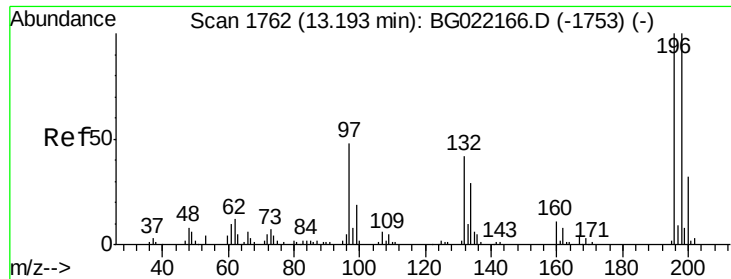
Delta R.T. -0.01 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Tgt Ion:	330	Resp:	136261
Ion Ratio	Lower	Upper	
330	100		
332	96.9	78.0	117.0
141	48.0	33.8	50.8





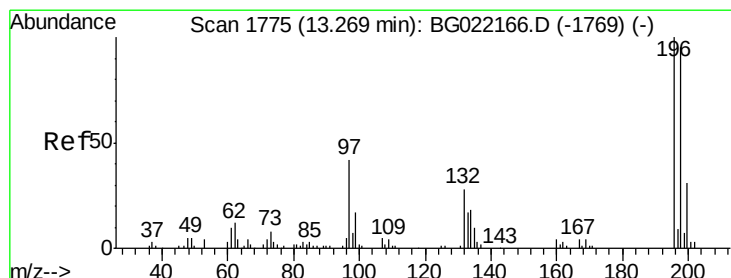
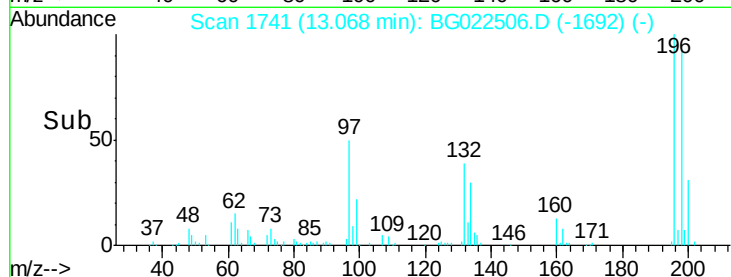
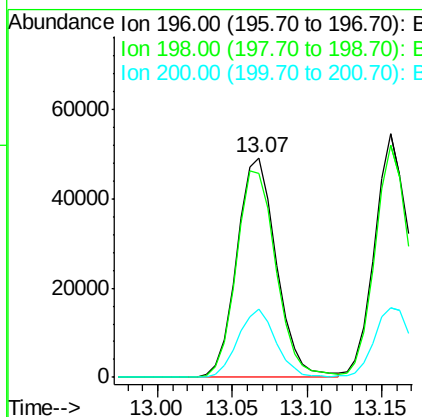
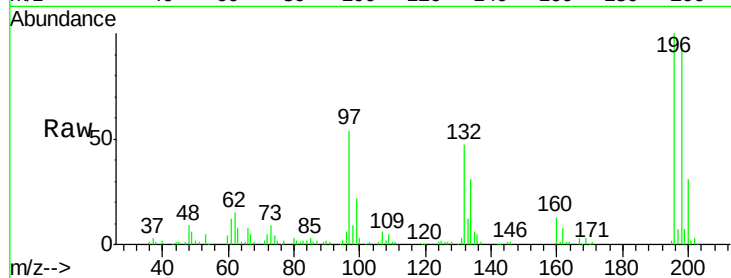
#42
 2,4,6-Trichlorophenol
 Concen: 49.86 ng
 RT: 13.07 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG022506.D
 Acq: 23 Jun 2016 5:49

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1442(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	90447		
198	93.3	80.1	120.1	
200	31.4	24.1	36.1	

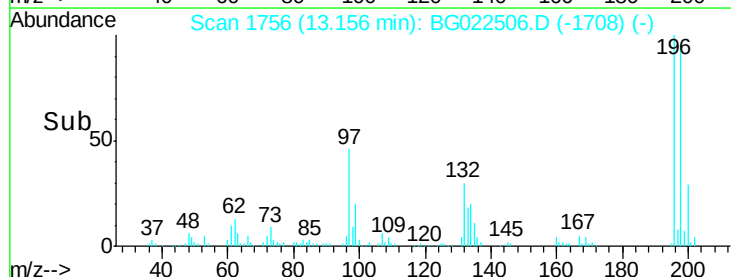
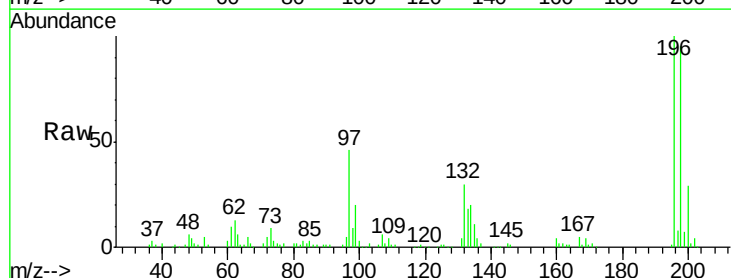
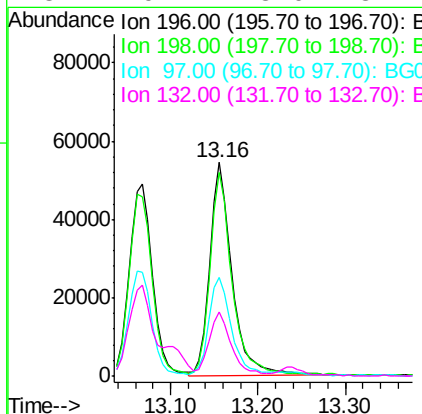
Manual Integrations
 APPROVED

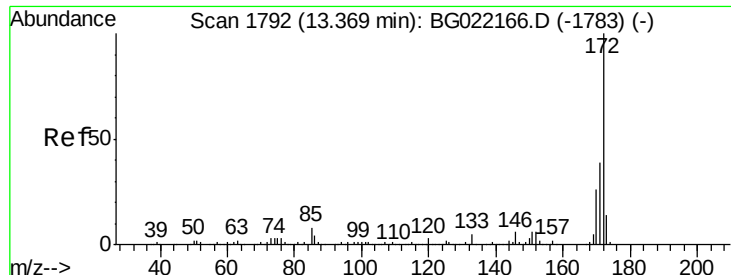
umangi
 6/23/2016 7:07:23 PM



#43
 2,4,5-Trichlorophenol
 Concen: 47.73 ng
 RT: 13.16 min Scan# 1756
 Delta R.T. -0.02 min
 Lab File: BG022506.D
 Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	95654		
198	95.2	78.0	117.0	
97	46.2	43.0	64.6	
132	29.7	23.0	34.4	





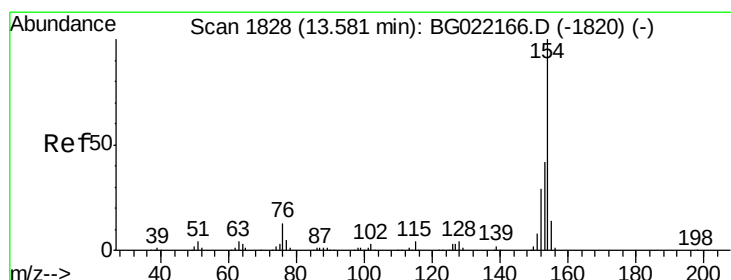
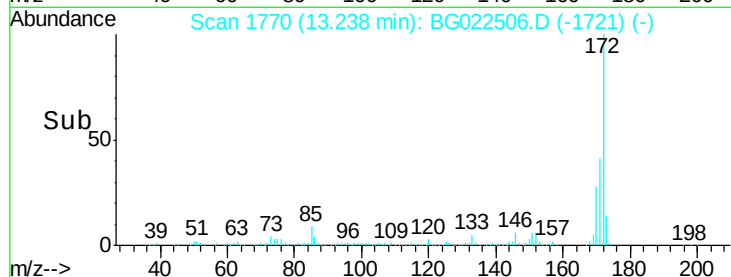
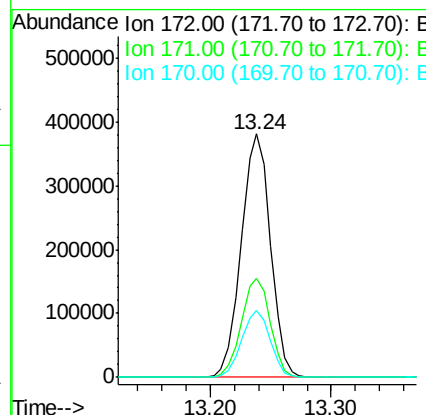
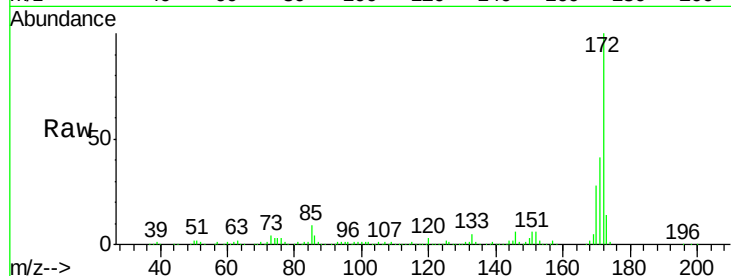
#44
2-Fluorobiphenyl
Concen: 93.29 ng
RT: 13.24 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.6	27.8	41.6
170	27.6	19.6	29.4

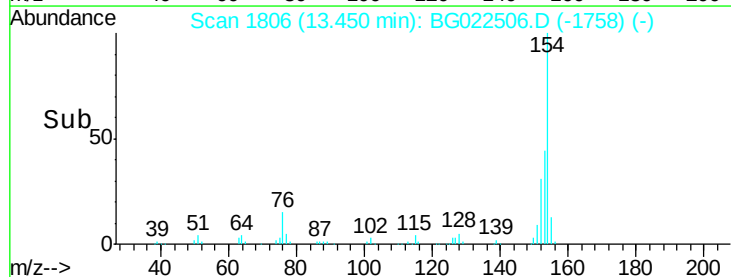
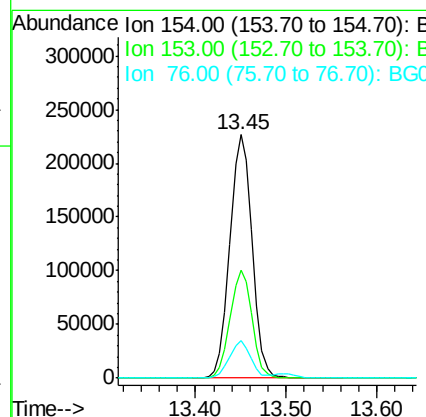
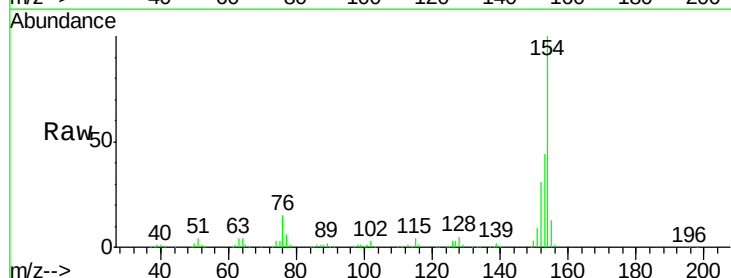
Manual Integrations
APPROVED

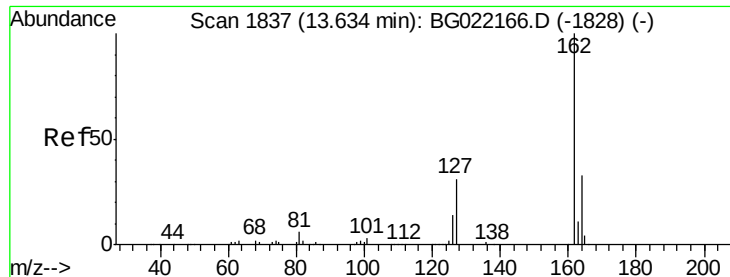
umangi
6/23/2016 7:07:23 PM



#45
1,1'-Biphenyl
Concen: 48.80 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.2	19.7	59.7
76	15.2	0.0	33.0





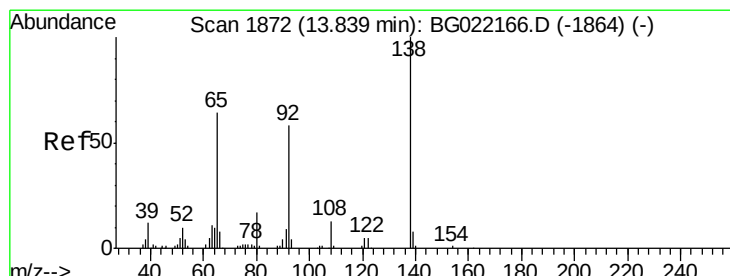
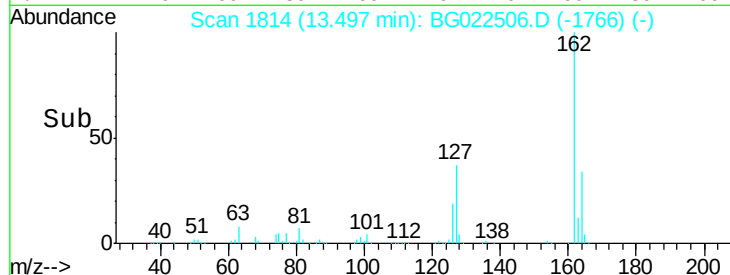
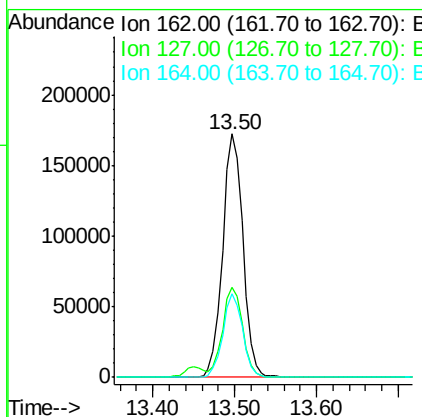
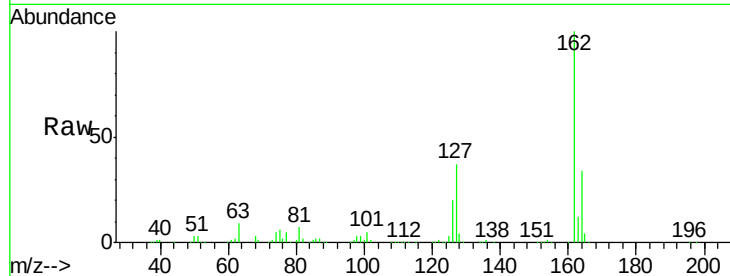
#46
2-Chloronaphthalene
Concen: 49.15 ng
RT: 13.50 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	37.0	32.0	48.0
164	34.1	27.0	40.4

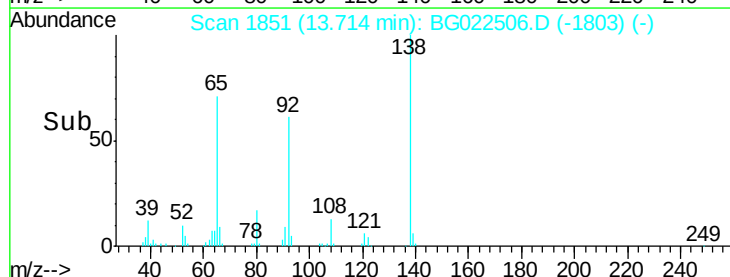
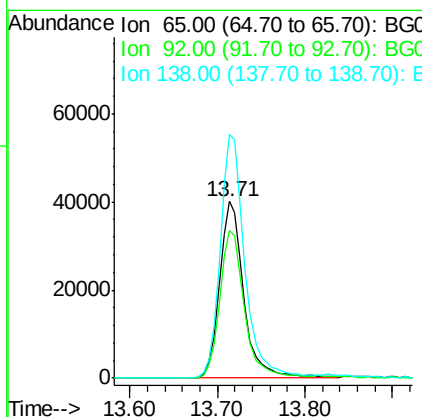
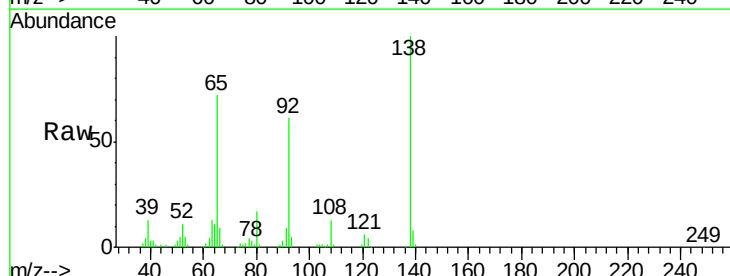
Manual Integrations
APPROVED

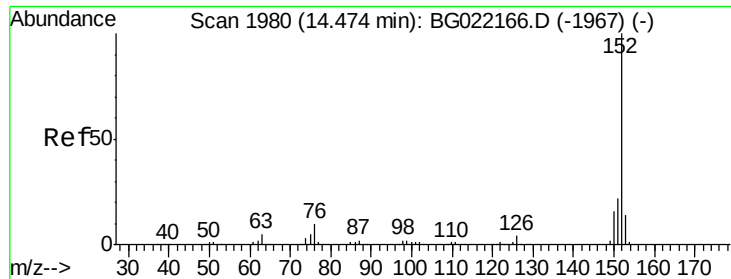
umangi
6/23/2016 7:07:23 PM



#47
2-Nitroaniline
Concen: 53.31 ng
RT: 13.71 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	83.6	49.2	73.8#
138	138.0	75.0	112.6#





#48

Acenaphthylene

Concen: 48.19 ng

RT: 14.34 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Instrument :

BNA_G

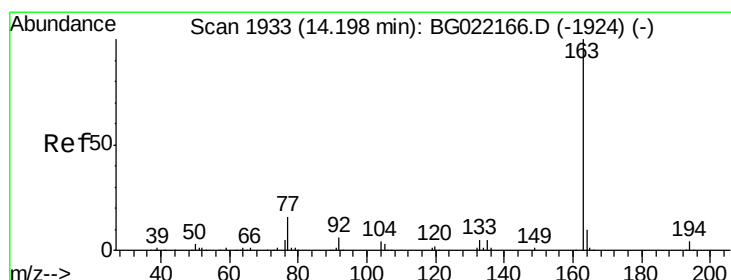
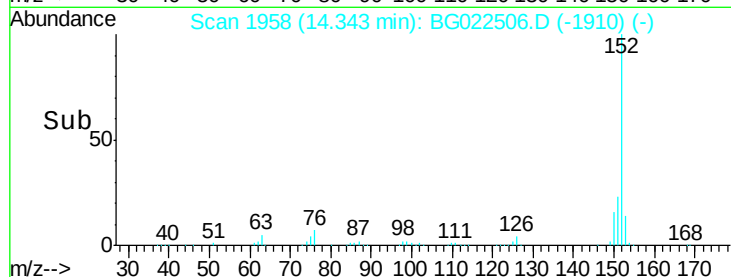
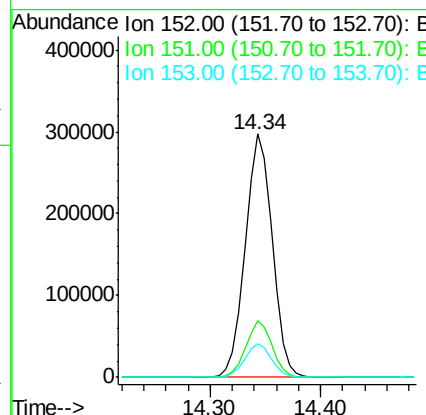
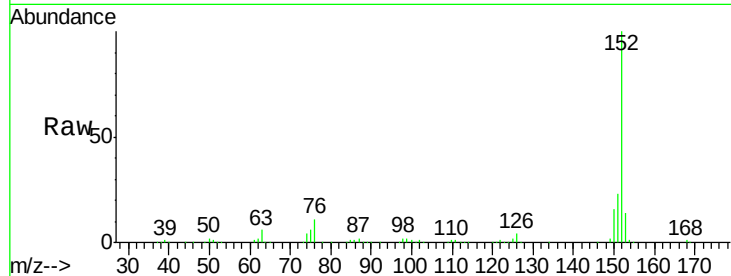
ClientSampleId :

SC-STA-1442(0-4)MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	23.1	16.6	24.8
153	13.8	10.2	15.2

Manual Integrations
APPROVED

umangi
6/23/2016 7:07:23 PM



#49

Dimethylphthalate

Concen: 44.96 ng

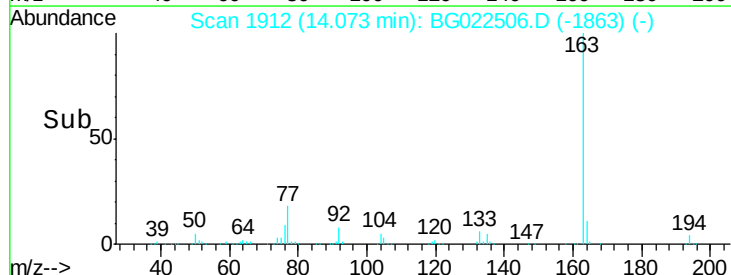
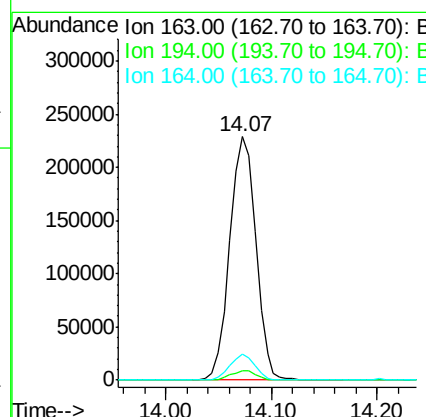
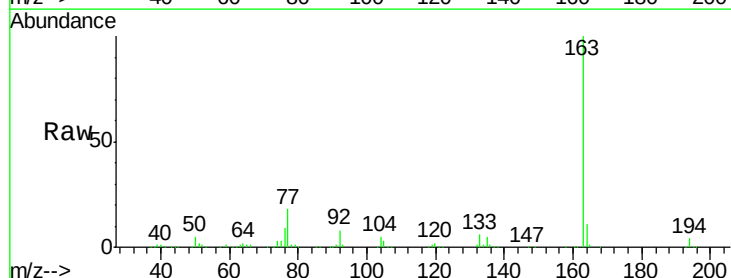
RT: 14.07 min Scan# 1912

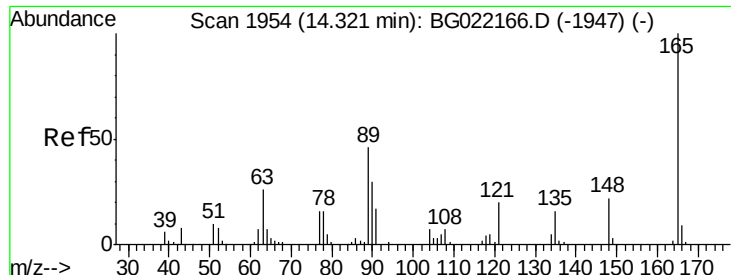
Delta R.T. -0.01 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.8	8.1	12.1





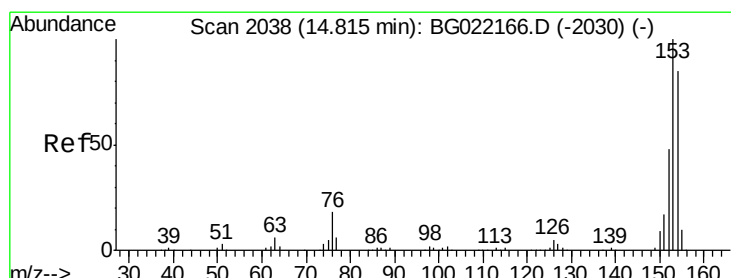
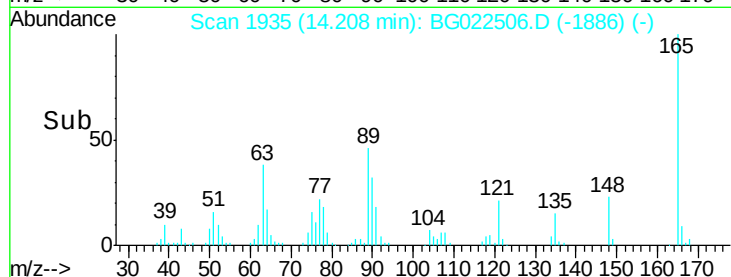
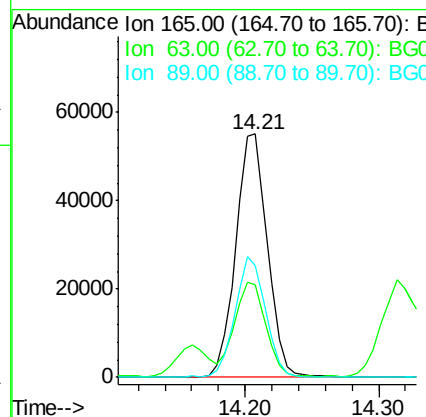
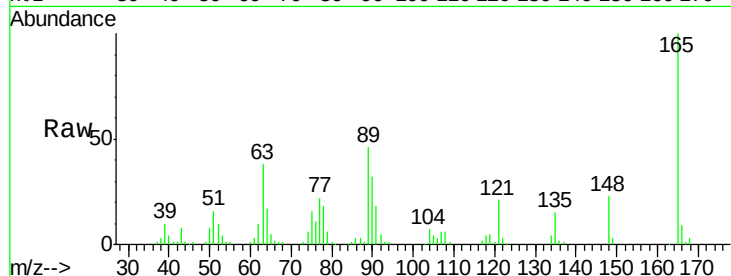
#50
 2,6-Dinitrotoluene
 Concen: 48.02 ng
 RT: 14.21 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BG022506.D
 Acq: 23 Jun 2016 5:49

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1442(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.0	48.2	72.4#	
89	45.9	45.3	67.9	

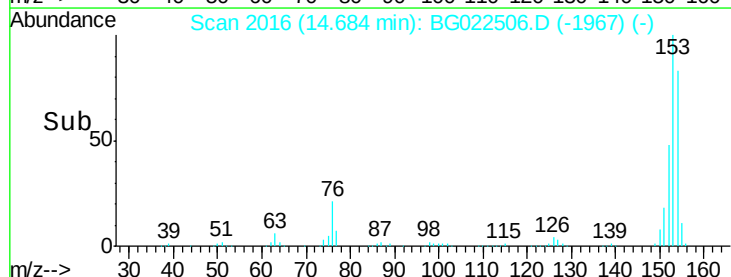
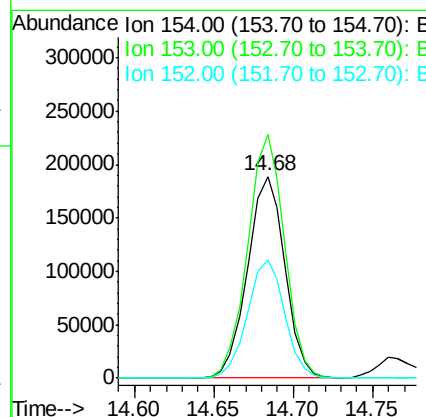
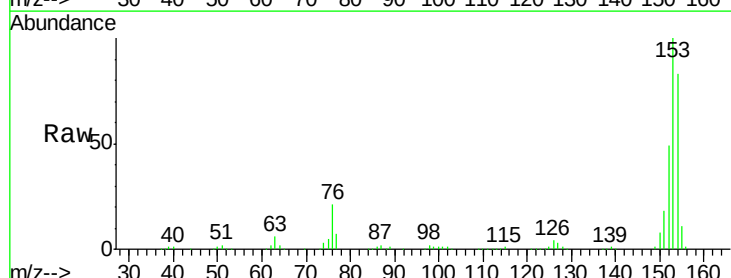
Manual Integrations
 APPROVED

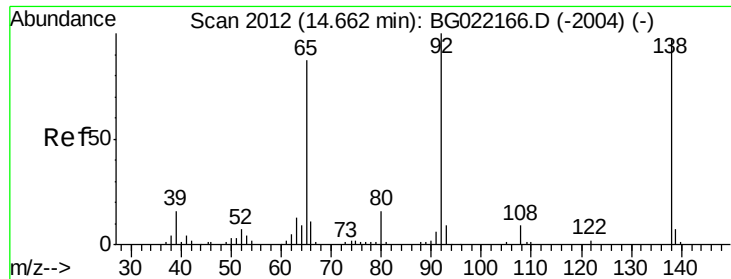
umangi
 6/23/2016 7:07:23 PM



#51
 Acenaphthene
 Concen: 48.41 ng
 RT: 14.68 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BG022506.D
 Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	120.7	91.9	137.9	
152	58.8	42.0	63.0	





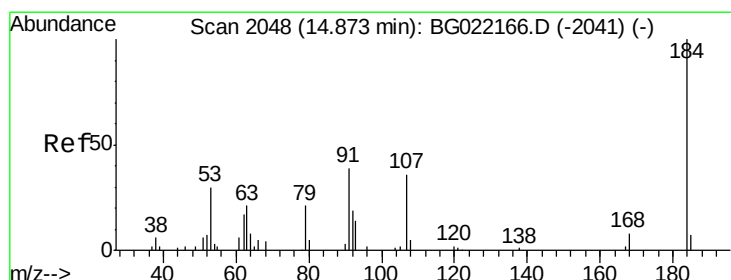
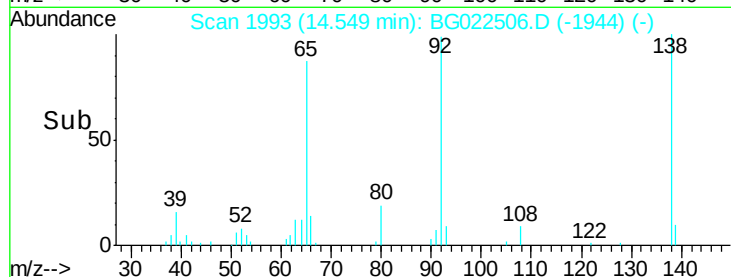
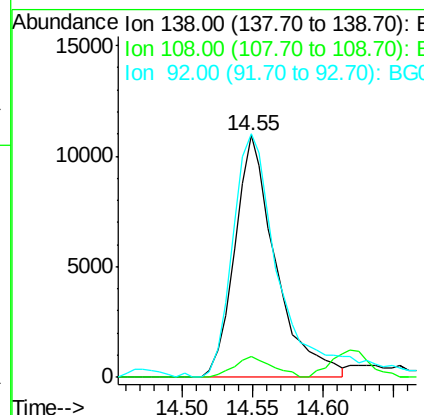
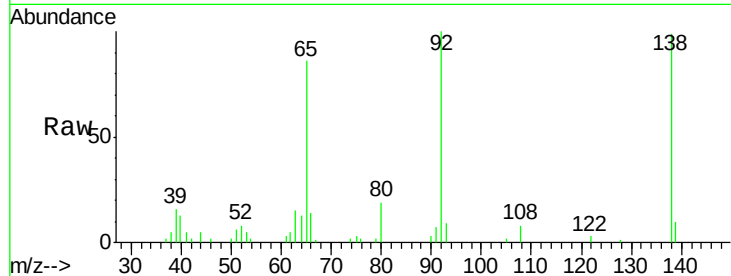
#52
3-Nitroaniline
Concen: 10.52 ng
RT: 14.55 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.5	9.1	13.7#
92	100.5	102.6	154.0#

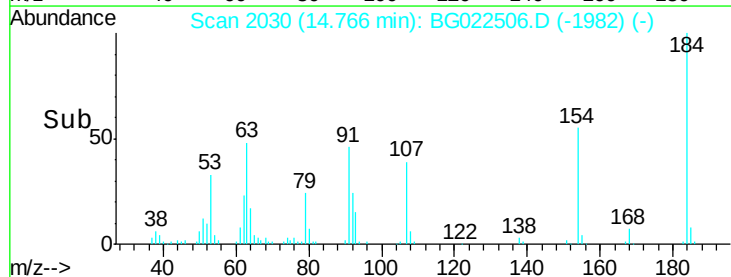
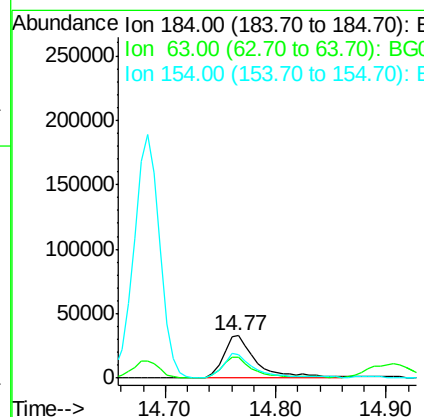
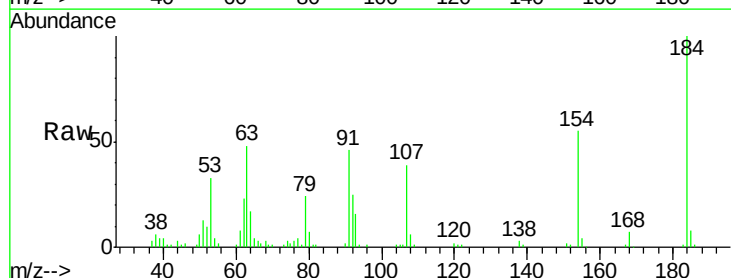
Manual Integrations
APPROVED

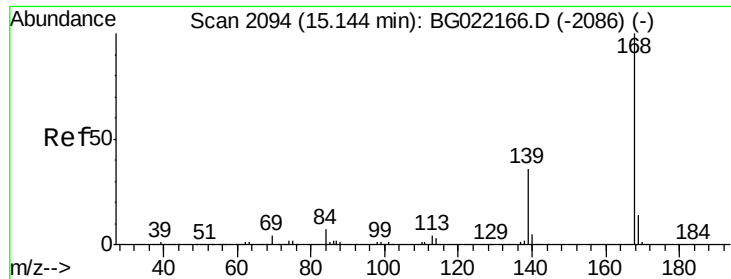
umangi
6/23/2016 7:07:23 PM



#53
2,4-Dinitrophenol
Concen: 87.17 ng
RT: 14.77 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.6	57.3	85.9#
154	55.2	55.2	82.8#





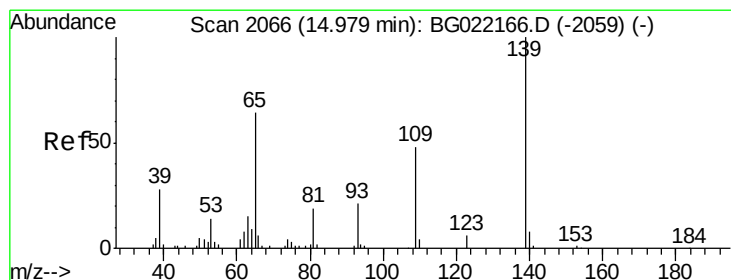
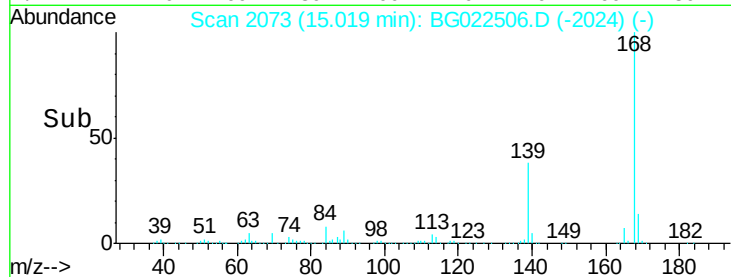
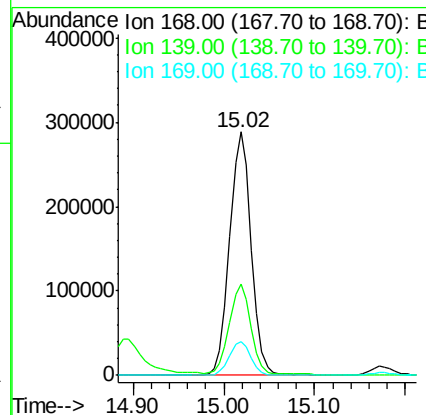
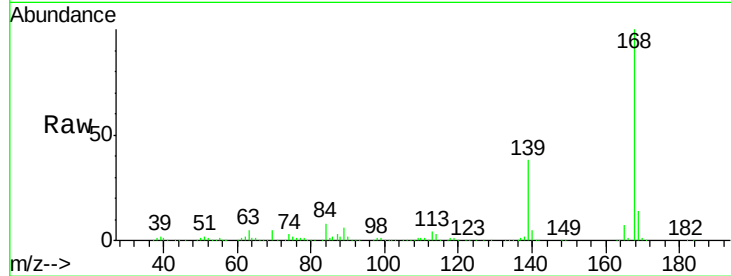
#54
Dibenzenofuran
Concen: 47.95 ng
RT: 15.02 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	476650		
139	37.6		31.1	46.7
169	13.8		11.0	16.6

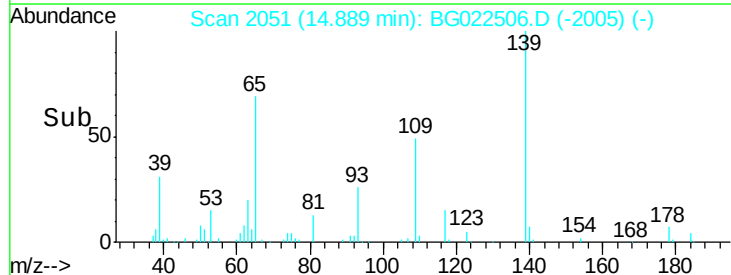
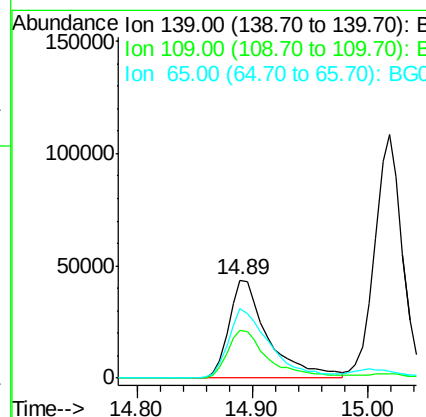
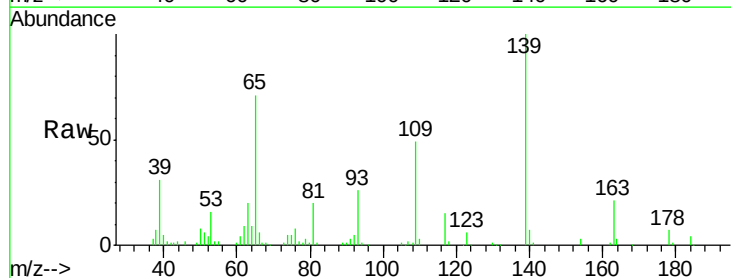
Manual Integrations
APPROVED

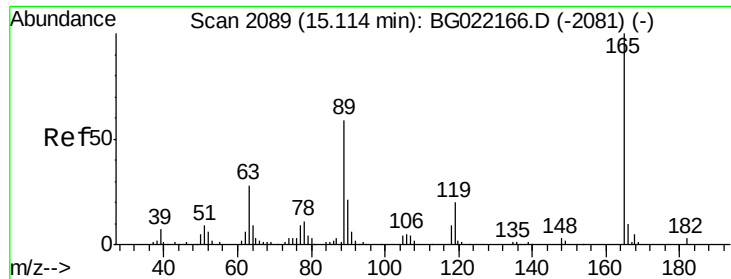
umangi
6/23/2016 7:07:23 PM



#55
4-Nitrophenol
Concen: 70.61 ng
RT: 14.89 min Scan# 2051
Delta R.T. -0.03 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	102335		
109	49.3		49.2	89.2
65	70.7		83.2	123.2#





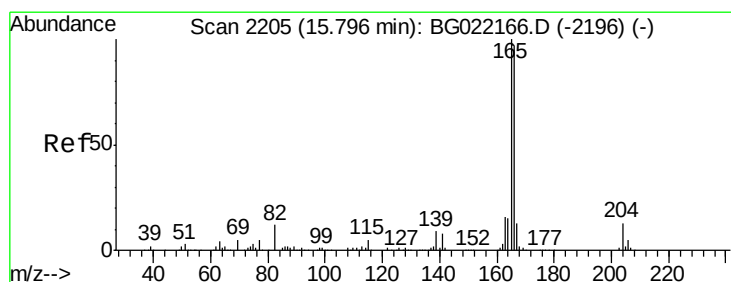
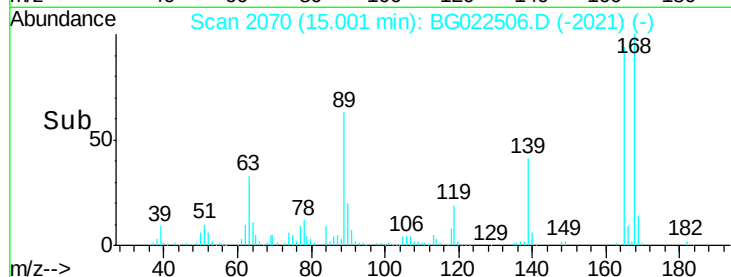
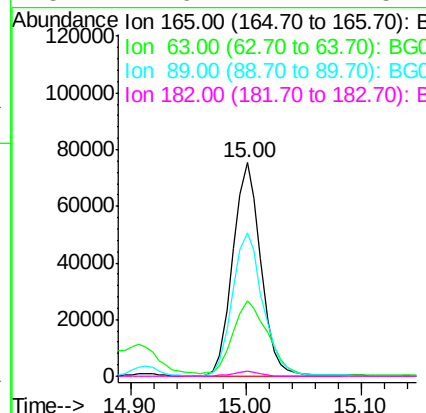
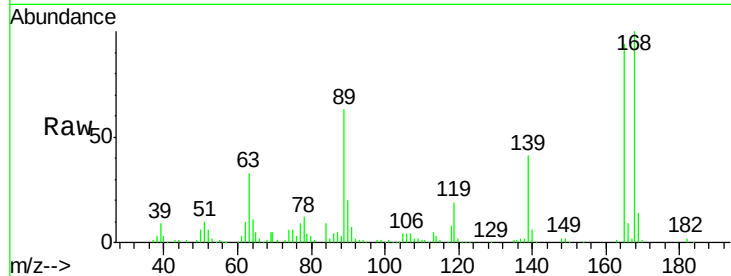
#56
2,4-Dinitrotoluene
Concen: 50.08 ng
RT: 15.00 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		127184		
63	35.4		37.4	56.0	#
89	67.3		59.4	89.0	
182	2.6		2.1	3.1	

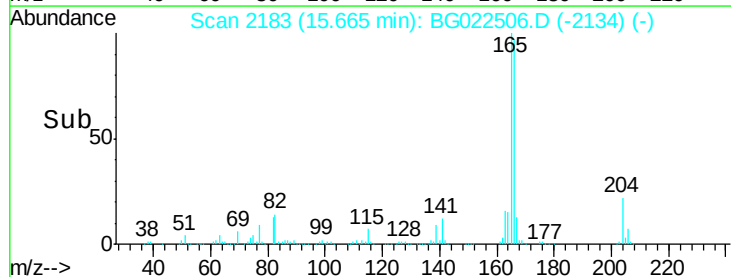
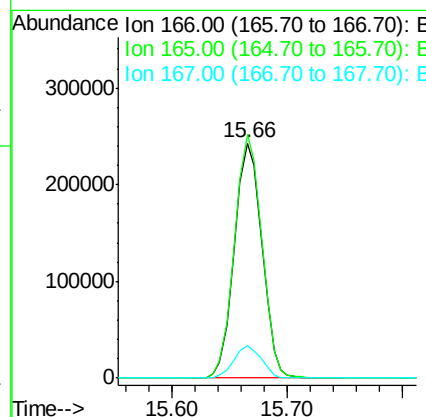
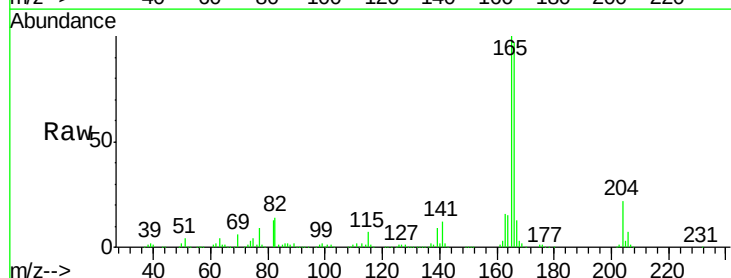
Manual Integrations
APPROVED

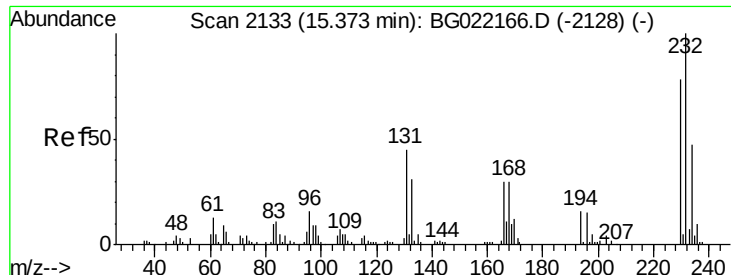
umangi
6/23/2016 7:07:23 PM



#57
Fluorene
Concen: 47.24 ng
RT: 15.66 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		404534		
165	103.5		79.0	118.4	
167	13.8		10.7	16.1	





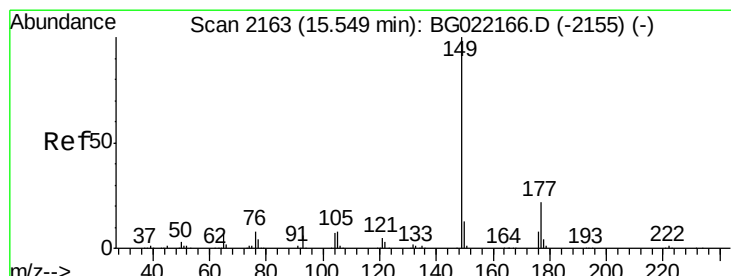
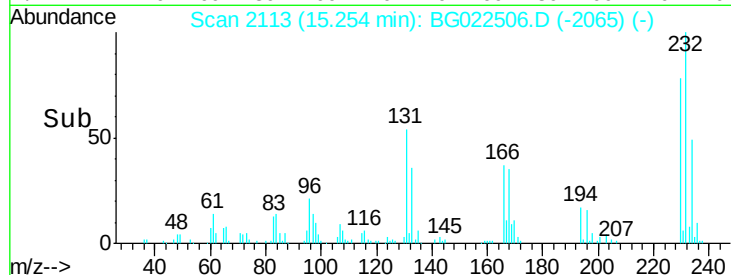
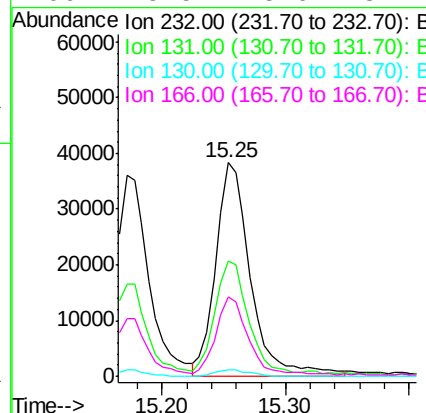
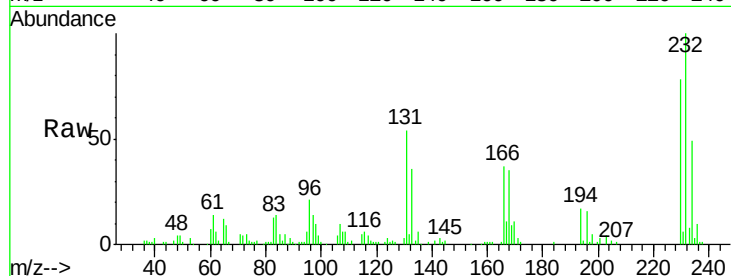
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.91 ng/ml
 RT: 15.25 min Scan# 2113
 Delta R.T. -0.02 min
 Lab File: BG022506.D
 Acq: 23 Jun 2016 5:49

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1442(0-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		75329		
131	41.4	36.3	54.5		
130	2.5	1.9	2.9		
166	25.5	25.0	37.4		

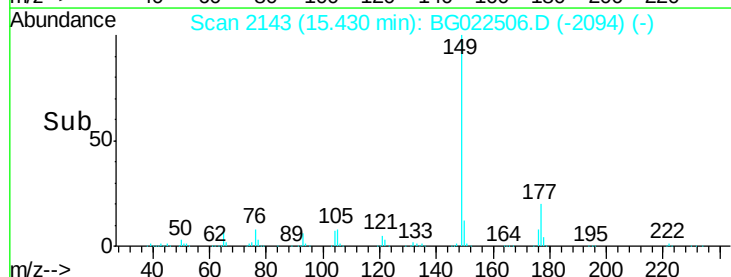
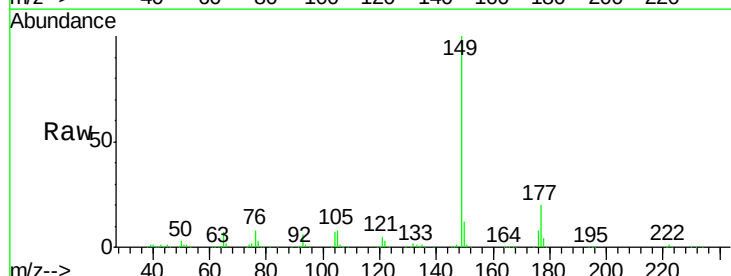
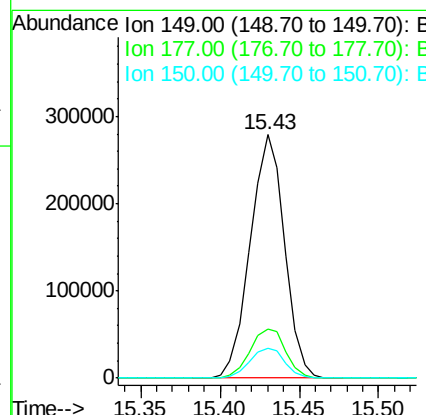
Manual Integrations
 APPROVED

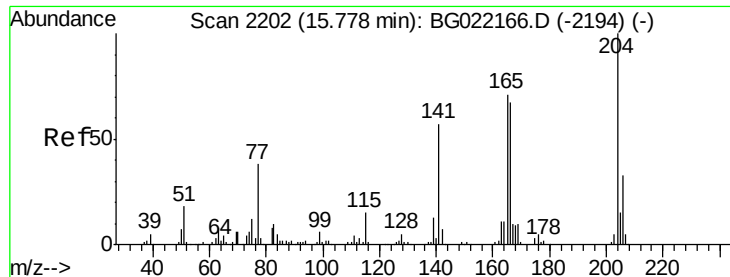
umangi
 6/23/2016 7:07:23 PM



#59
 Diethylphthalate
 Concen: 45.12 ng
 RT: 15.43 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: BG022506.D
 Acq: 23 Jun 2016 5:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		419724		
177	20.3	17.3	25.9		
150	12.4	9.7	14.5		





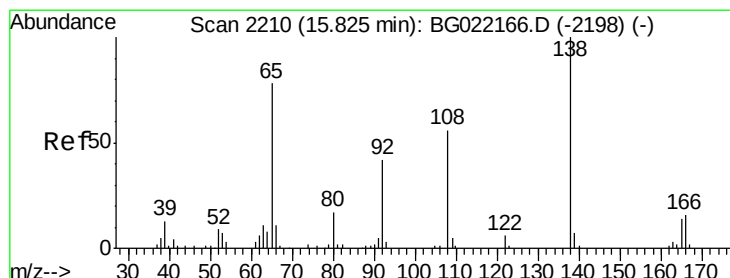
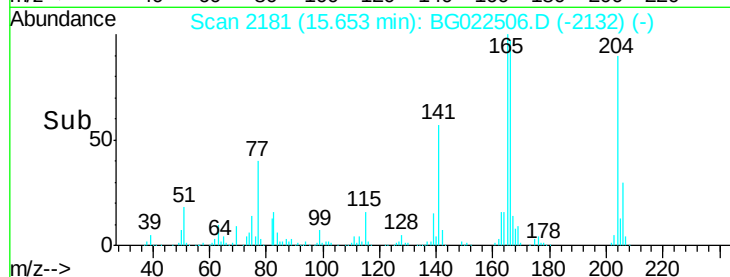
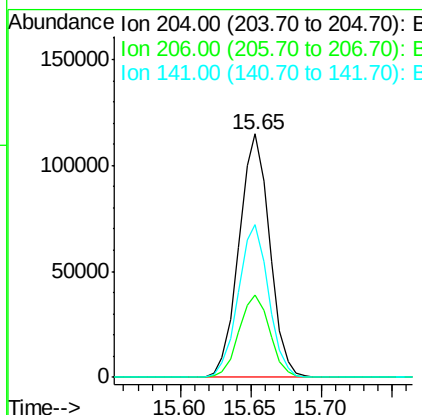
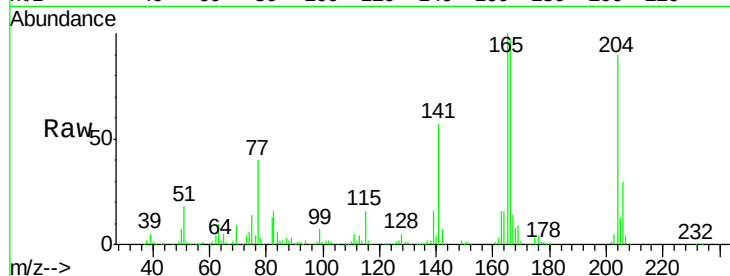
#60
4-Chlorophenyl-phenylether
Concen: 44.99 ng
RT: 15.65 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.8	41.8
141	62.9	51.0	76.4

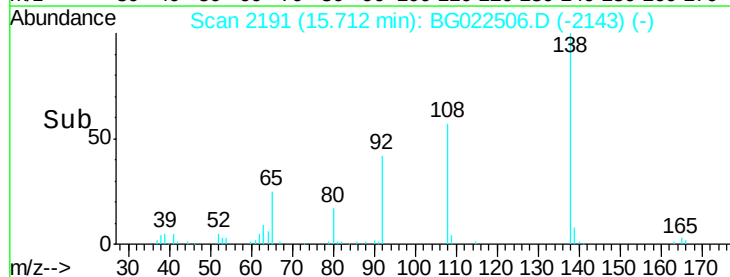
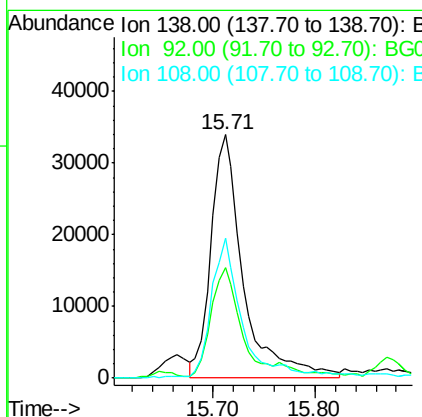
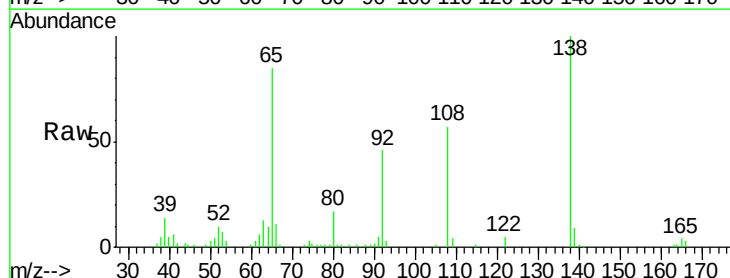
Manual Integrations
APPROVED

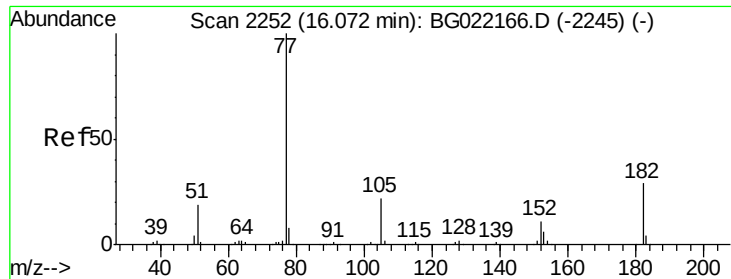
umangi
6/23/2016 7:07:23 PM



#61
4-Nitroaniline
Concen: 33.98 ng m
RT: 15.71 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.6	37.7	77.7
108	57.4	59.4	99.4#





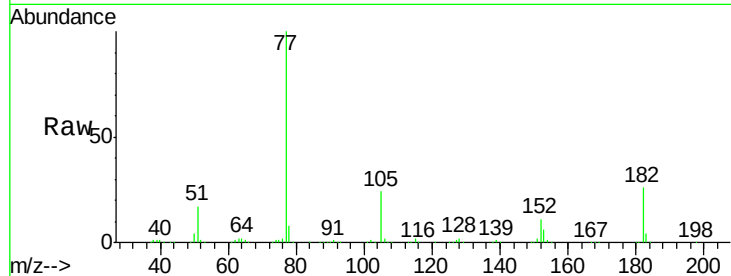
#62
Azobenzene
Concen: 51.89 ng
RT: 15.95 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MS

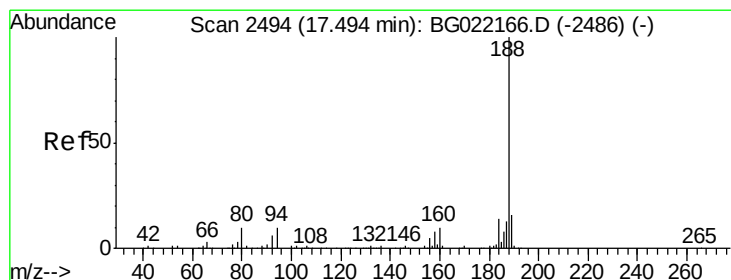
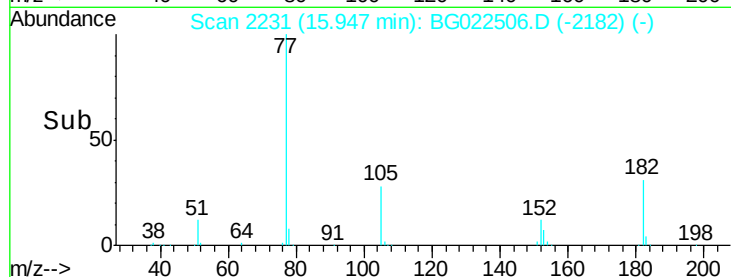
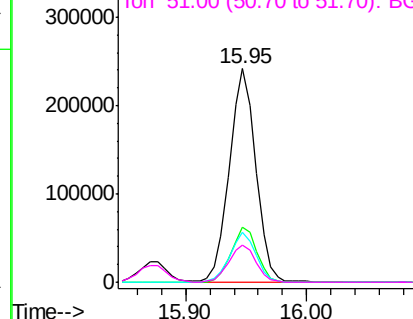
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	25.8	4.1	44.1		
105	23.5	0.0	39.8		
51	17.1	11.1	51.1		

Manual Integrations
APPROVED

umangi
6/23/2016 7:07:23 PM

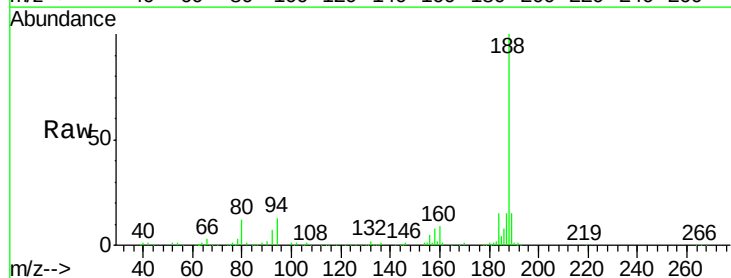


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

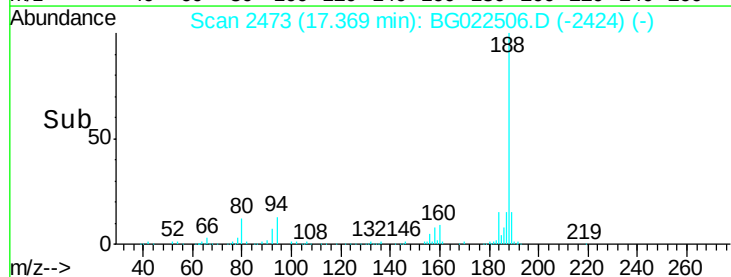
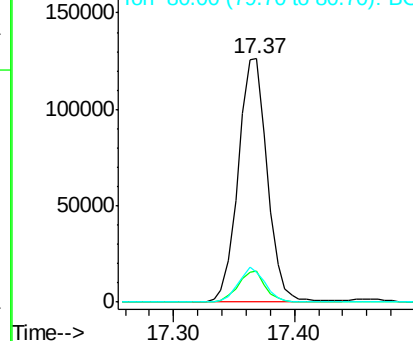


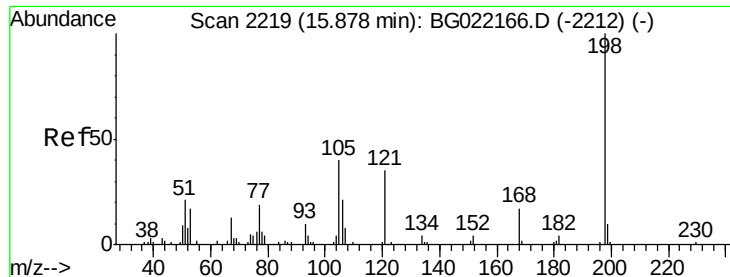
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	12.8	7.5	11.3#		
80	12.0	8.6	13.0		



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 49.27 ng

RT: 15.77 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Instrument :

BNA_G

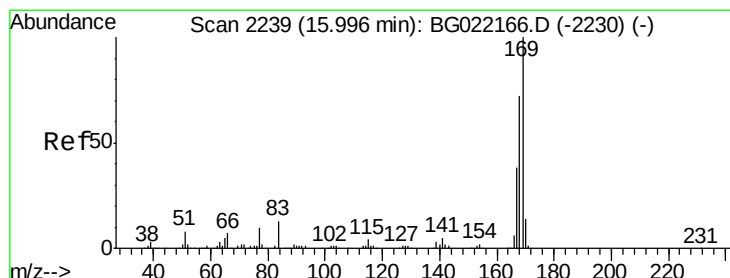
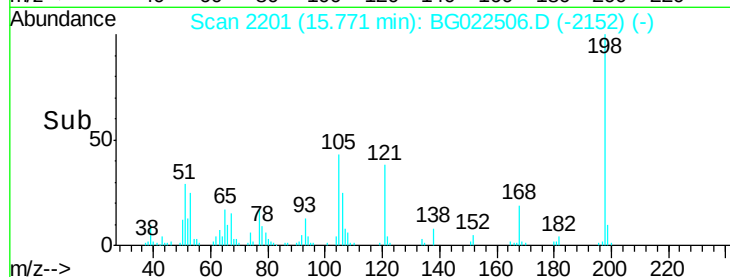
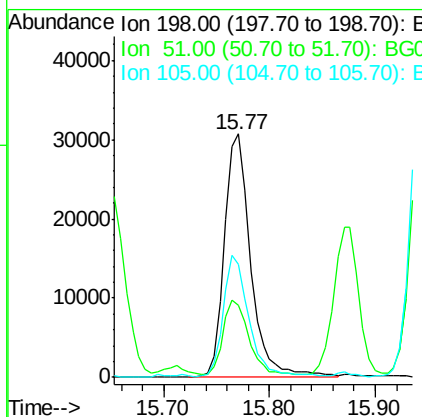
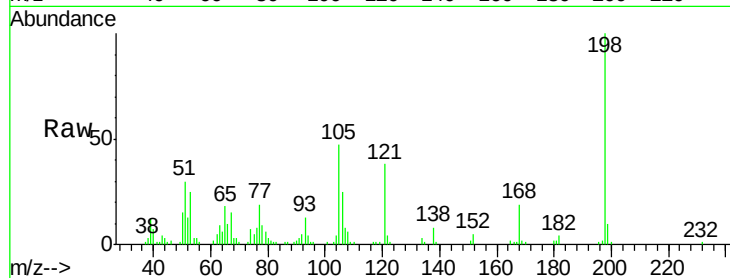
ClientSampleId :

SC-STA-1442(0-4)MS

Tot Ion:	198	Resp:	53291
Ion Ratio	Lower	Upper	
198	100		
51	29.7	29.2	69.2
105	46.5	24.0	64.0

Manual Integrations
APPROVED

umangi
6/23/2016 7:07:23 PM



#65

n-Nitrosodiphenylamine

Concen: 55.45 ng

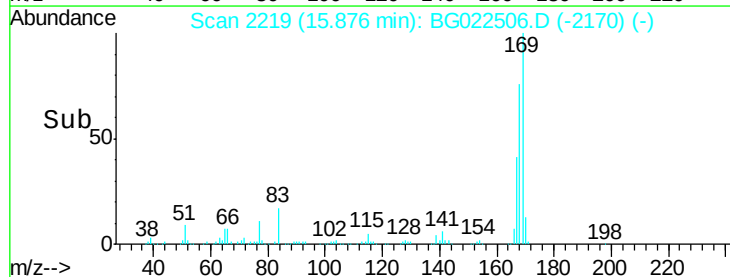
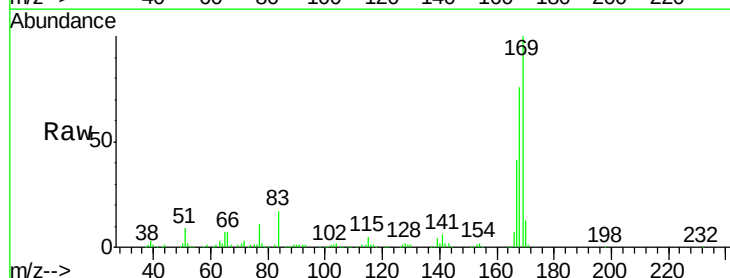
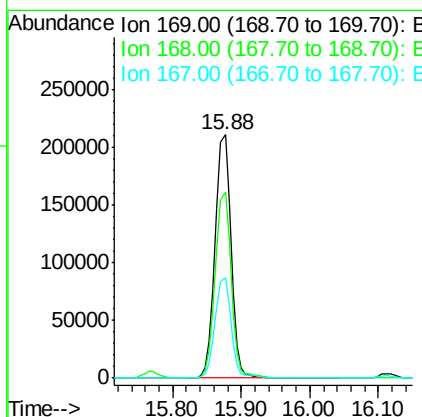
RT: 15.88 min Scan# 2219

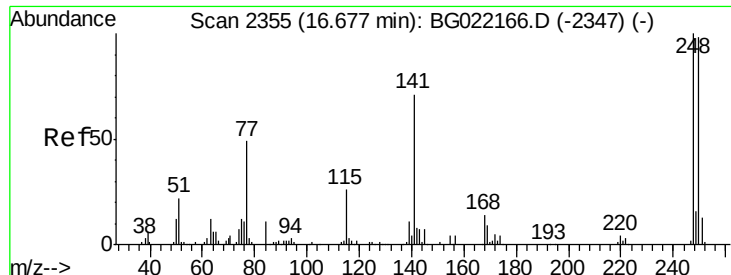
Delta R.T. -0.01 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Tgt Ion:	169	Resp:	339609
Ion Ratio	Lower	Upper	
169	100		
168	76.3	59.6	89.4
167	41.4	31.2	46.8





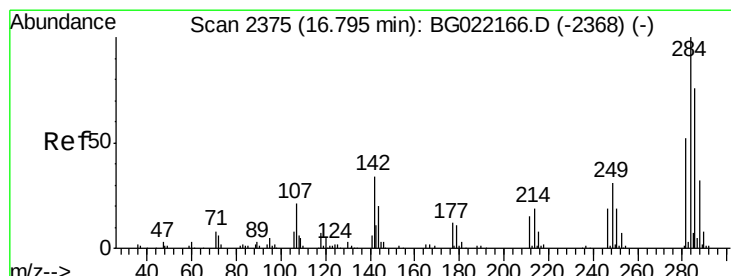
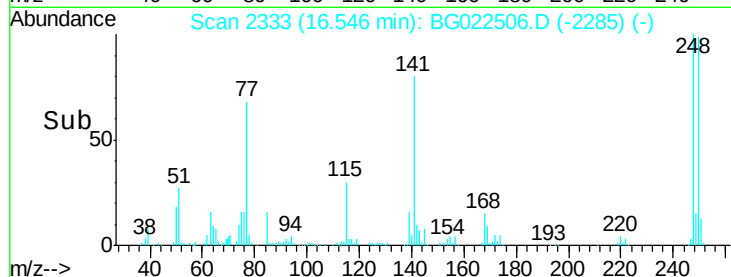
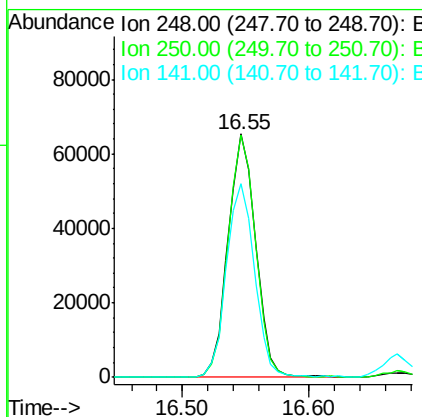
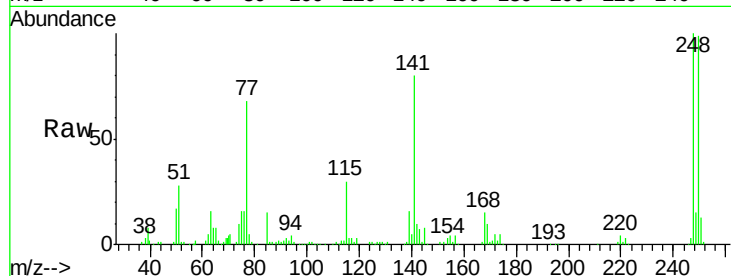
#66
4-Bromophenyl-phenylether
Concen: 49.63 ng
RT: 16.55 min Scan# 2333
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	76.6	114.8
141	79.8	63.8	95.6

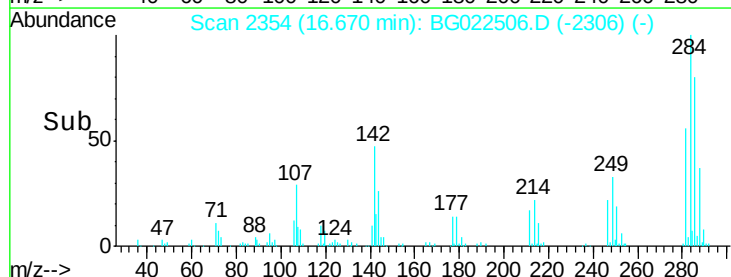
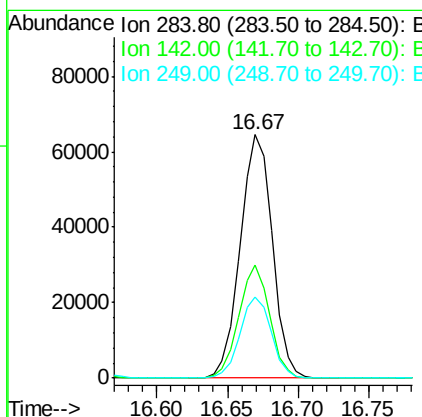
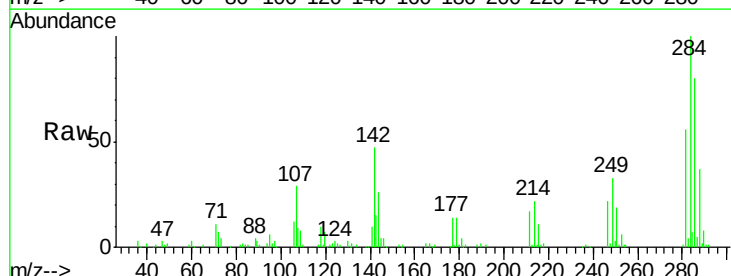
Manual Integrations
APPROVED

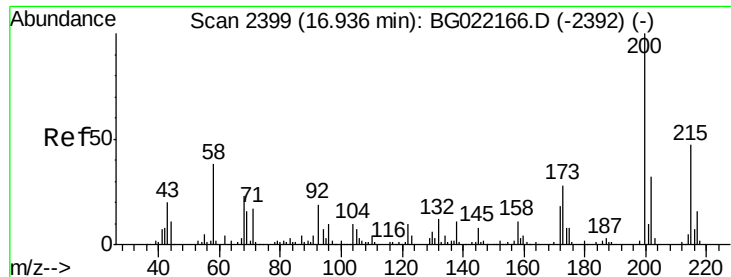
umangi
6/23/2016 7:07:23 PM



#67
Hexachlorobenzene
Concen: 44.32 ng
RT: 16.67 min Scan# 2354
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	46.6	31.8	47.6
249	35.7	27.3	40.9





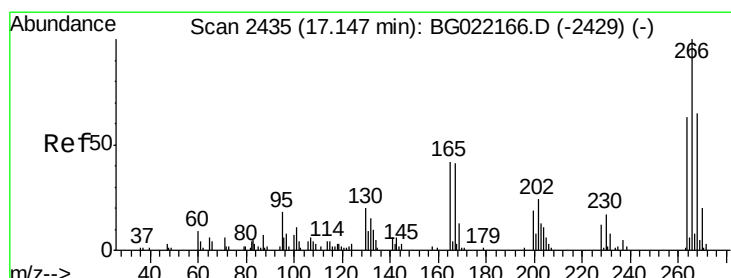
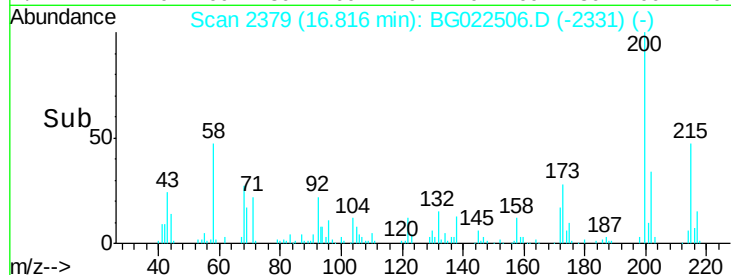
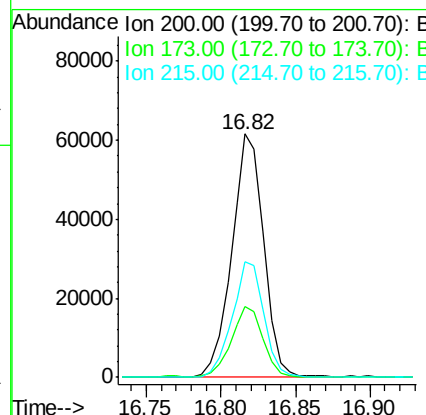
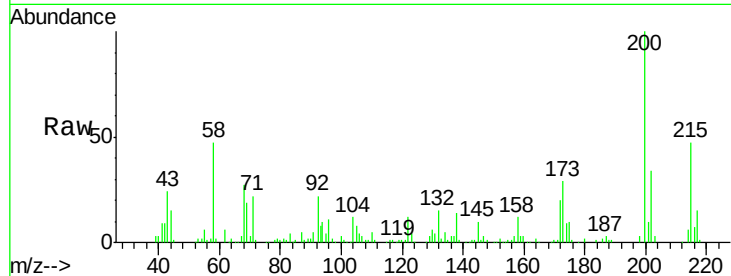
#68
 Atrazine
 Concen: 40.52 ng
 RT: 16.82 min Scan# 2379
 Delta R.T. -0.02 min
 Lab File: BG022506.D
 Acq: 23 Jun 2016 5:49

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1442(0-4)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.2	5.1	45.1
215	47.2	28.0	68.0

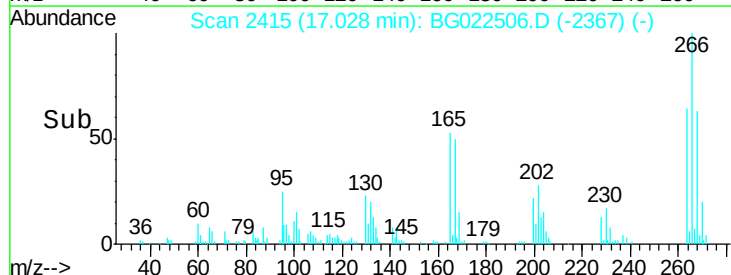
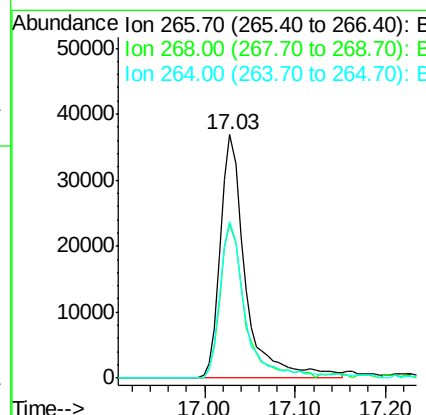
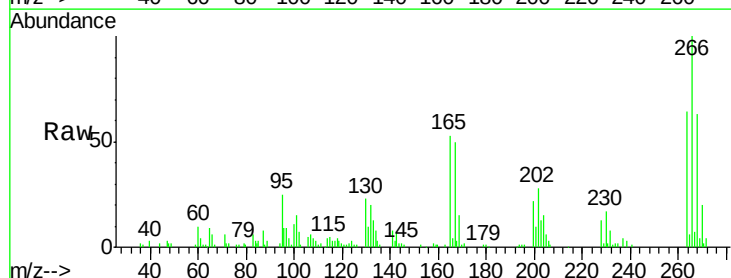
Manual Integrations
 APPROVED

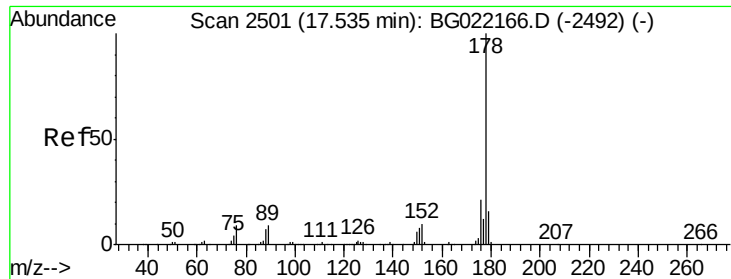
umangi
 6/23/2016 7:07:23 PM



#69
 Pentachlorophenol
 Concen: 68.71 ng
 RT: 17.03 min Scan# 2415
 Delta R.T. -0.02 min
 Lab File: BG022506.D
 Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.6	54.5	81.7
264	70.1	53.8	80.6





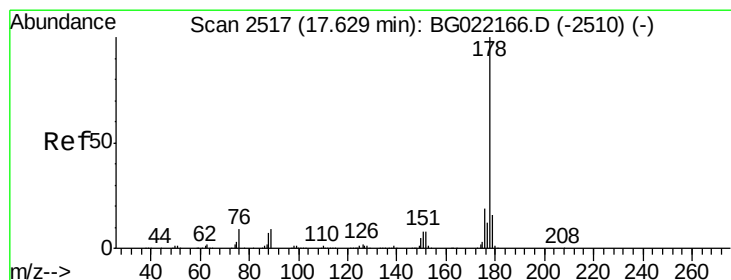
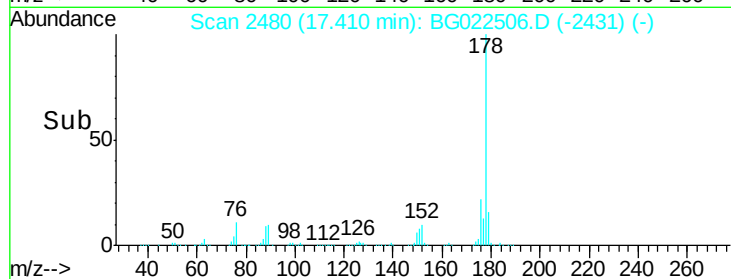
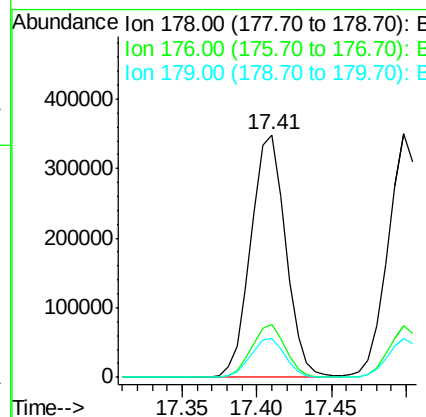
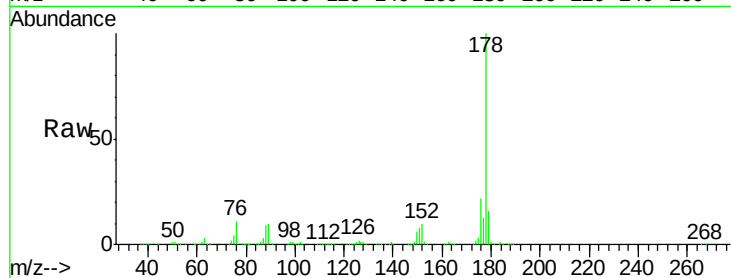
#70
Phenanthrene
Concen: 48.82 ng
RT: 17.41 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.0	16.2	24.4
179	15.8	12.0	18.0

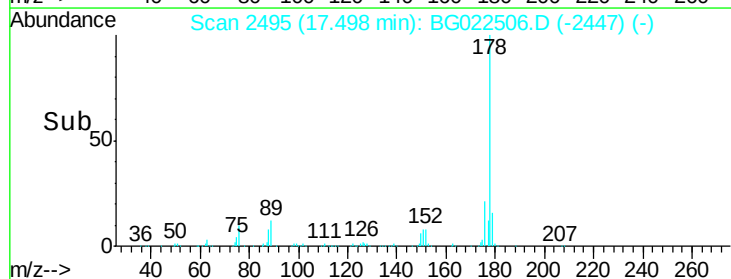
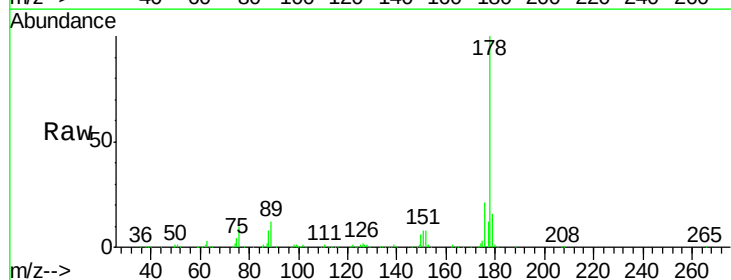
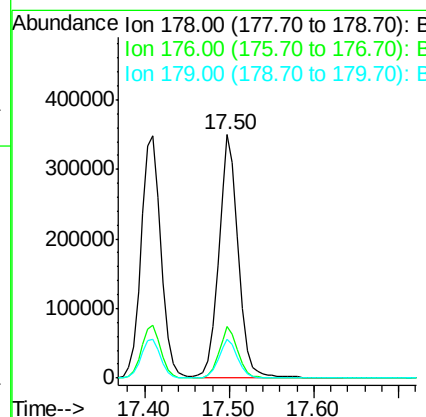
Manual Integrations
APPROVED

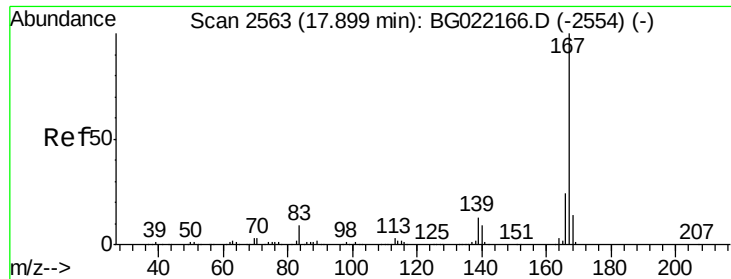
umangi
6/23/2016 7:07:23 PM



#71
Anthracene
Concen: 49.14 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.0	22.4
179	16.1	12.2	18.4





#72

Carbazole

Concen: 45.29 ng

RT: 17.77 min Scan# 2542

Delta R.T. -0.02 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Instrument :

BNA_G

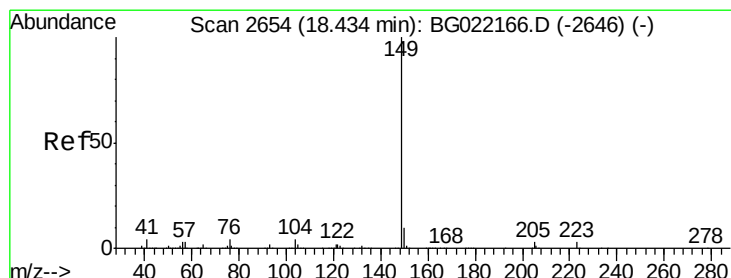
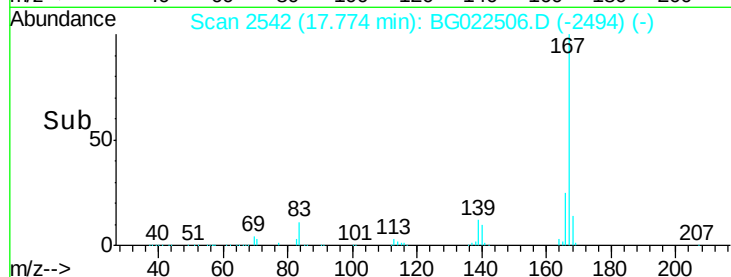
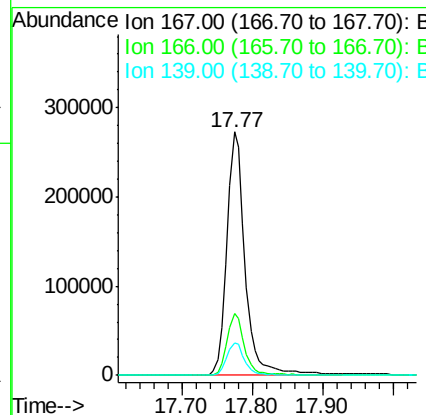
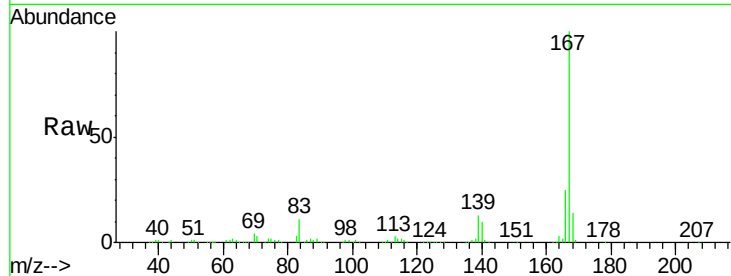
ClientSampleId :

SC-STA-1442(0-4)MS

Tot Ion:	167	Resp:	491177
Ion Ratio		Lower	Upper
167	100		
166	25.4	18.6	27.8
139	13.3	10.6	15.8

Manual Integrations
APPROVED

umangi
6/23/2016 7:07:23 PM



#73

Di-n-butylphthalate

Concen: 50.42 ng

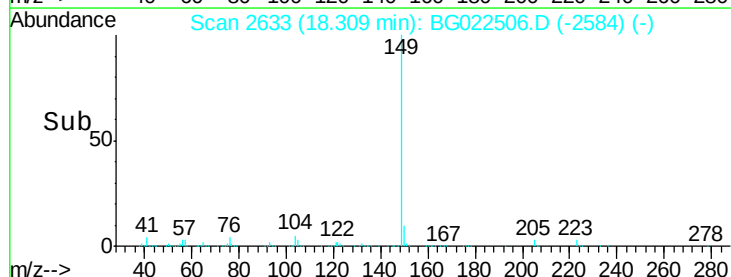
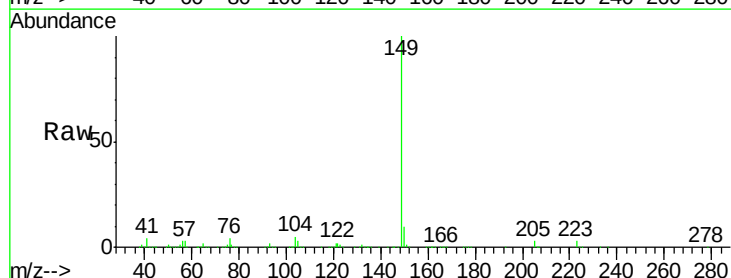
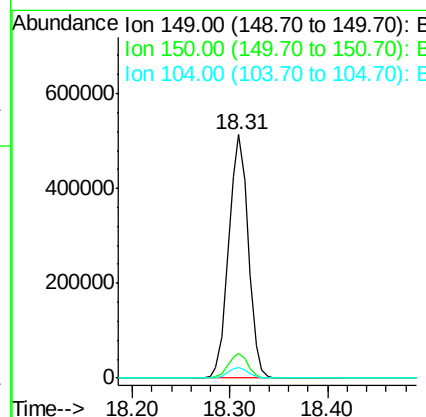
RT: 18.31 min Scan# 2633

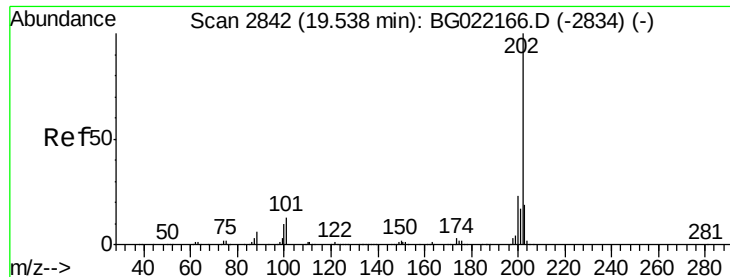
Delta R.T. -0.01 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Tgt Ion:	149	Resp:	714897
Ion Ratio		Lower	Upper
149	100		
150	10.0	7.4	11.0
104	4.5	4.0	6.0





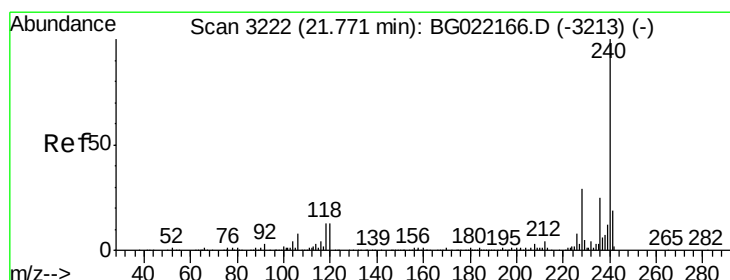
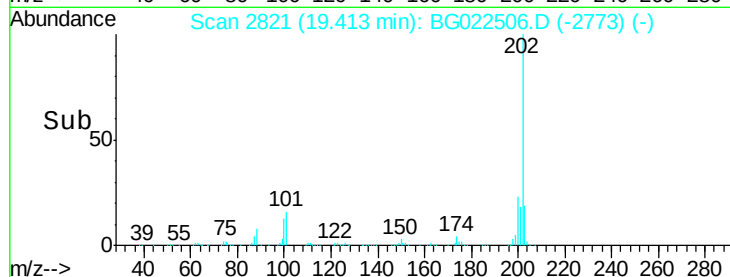
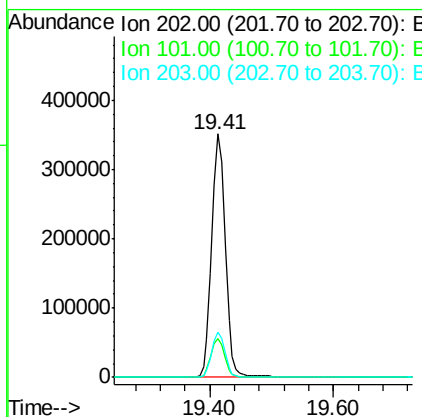
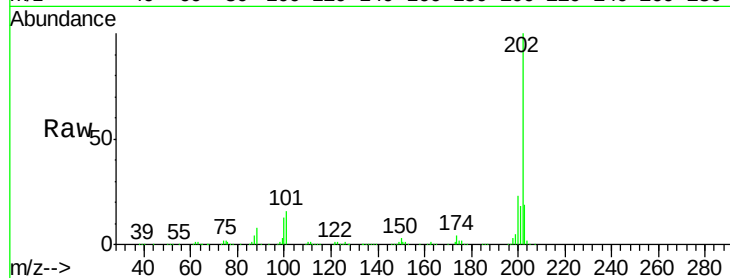
#74
Fluoranthene
Concen: 40.25 ng
RT: 19.41 min Scan# 2821
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.0	0.0	31.0
203	18.6	0.0	37.9

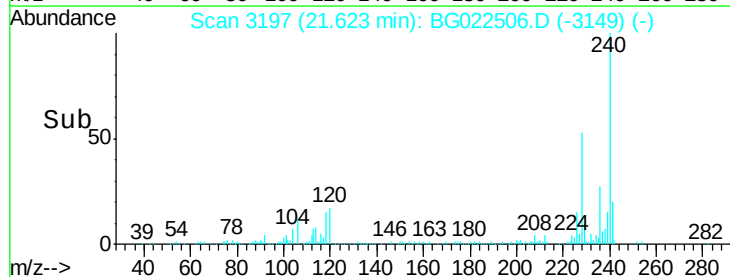
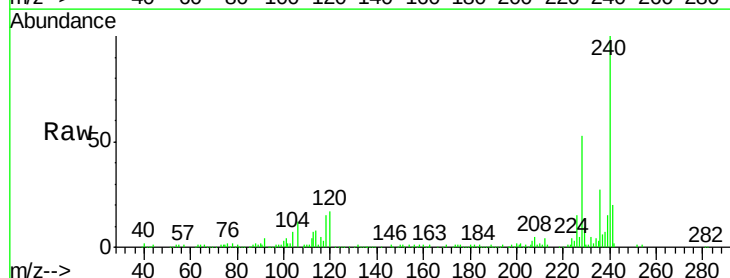
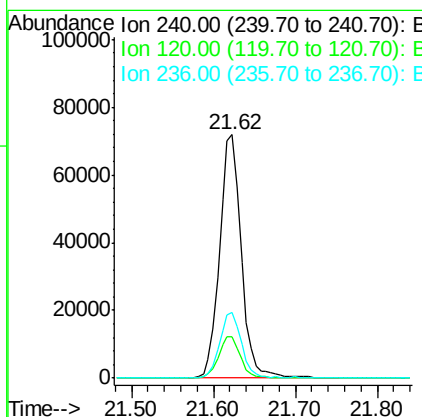
Manual Integrations
APPROVED

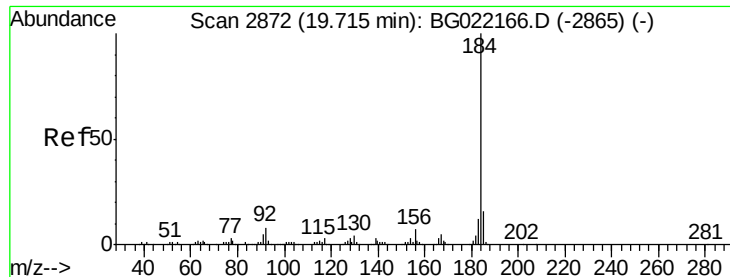
umangi
6/23/2016 7:07:23 PM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3197
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	17.2	8.4	12.6#
236	27.1	19.6	29.4





#76

Benzidine

Concen: 2.63 ng/mL

RT: 19.64 min Scan# 2859

Delta R.T. 0.02 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Instrument :

BNA_G

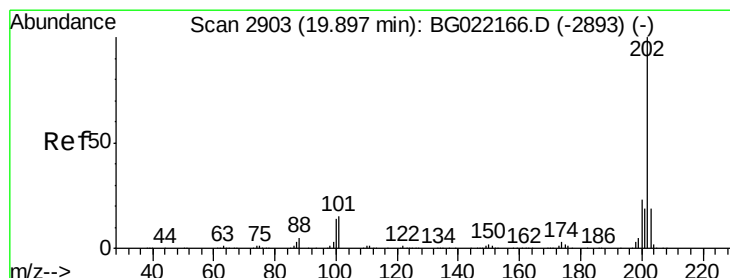
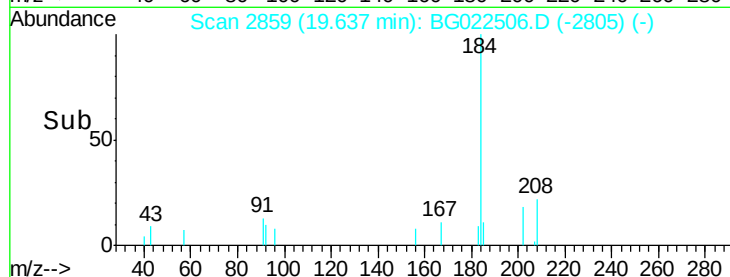
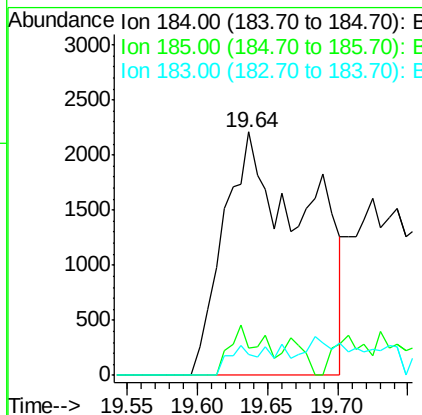
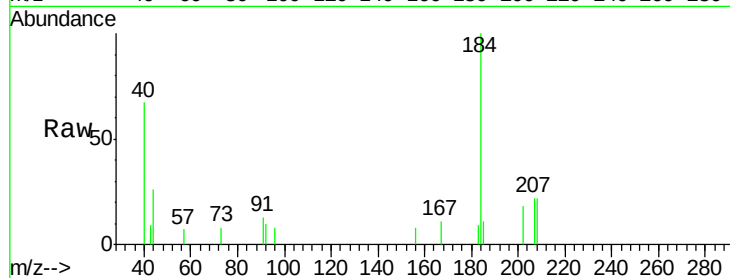
ClientSampleId :

SC-STA-1442(0-4)MS

Tot Ion:	184	Resp:	9114
Ion Ratio	Lower	Upper	
184	100		
185	11.2	11.5	17.3#
183	8.7	10.2	15.4#

Manual Integrations
APPROVED

umangi
6/23/2016 7:07:23 PM



#77

Pyrene

Concen: 62.43 ng

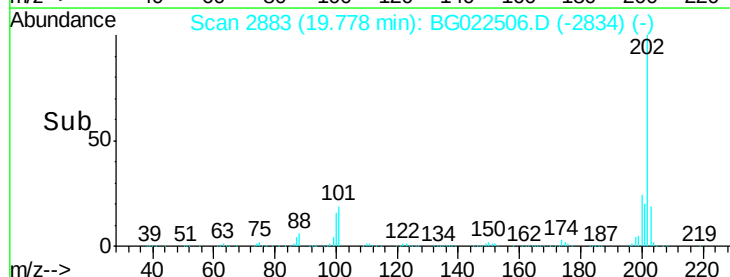
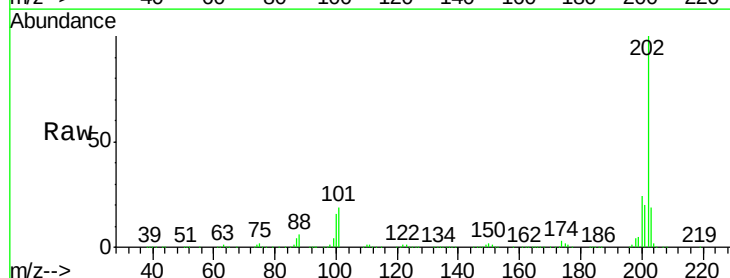
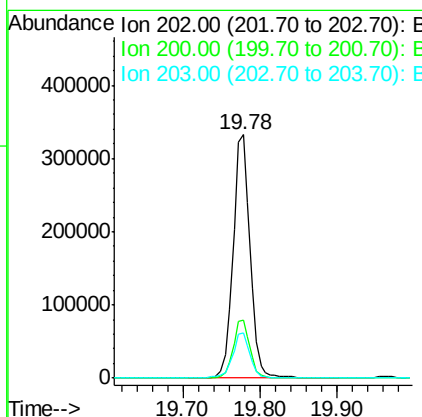
RT: 19.78 min Scan# 2883

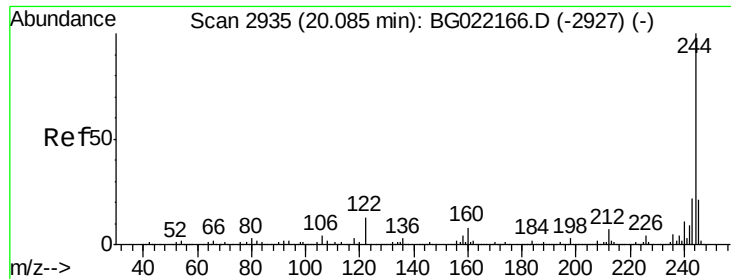
Delta R.T. -0.01 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Tgt Ion:	202	Resp:	514627
Ion Ratio	Lower	Upper	
202	100		
200	24.0	18.2	27.2
203	18.7	15.0	22.4





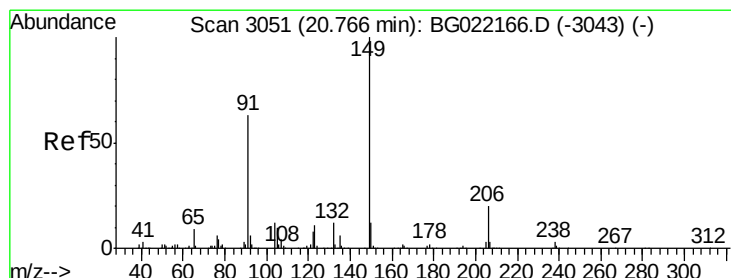
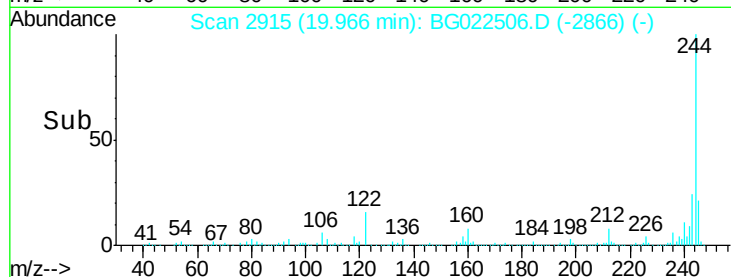
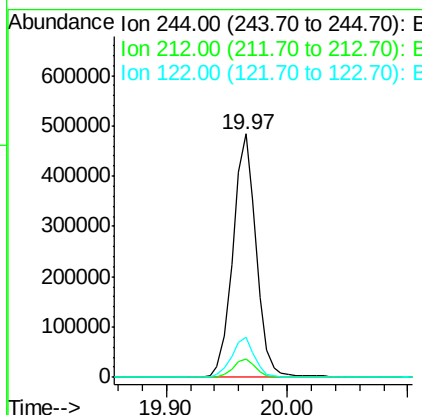
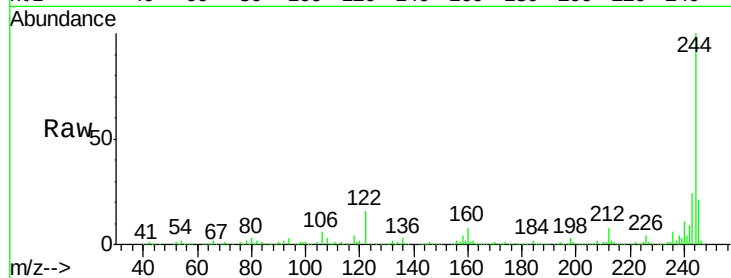
#78
 Terphenyl-d14
 Concen: 116.48 ng
 RT: 19.97 min Scan# 2915
 Delta R.T. -0.01 min
 Lab File: BG022506.D
 Acq: 23 Jun 2016 5:49

Instrument :
 BNA_G
 ClientSampleId :
 SC-STA-1442(0-4)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	16.2	8.6	12.8

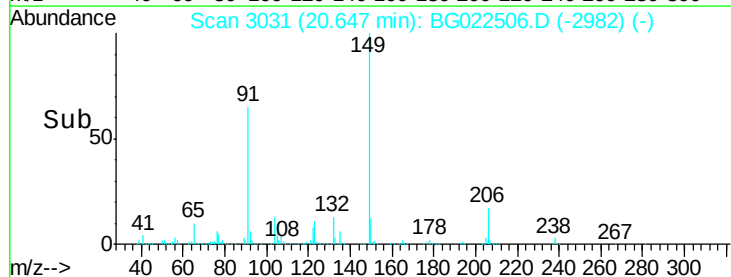
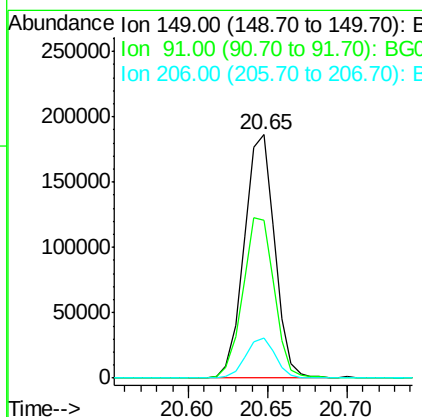
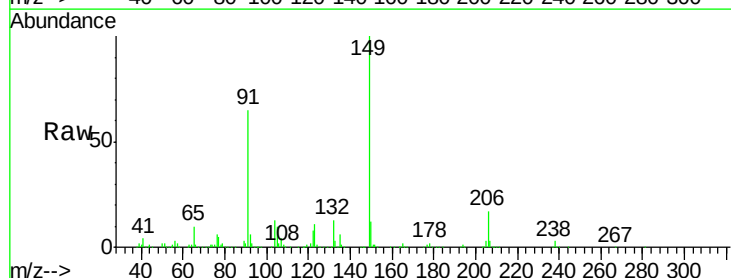
Manual Integrations
 APPROVED

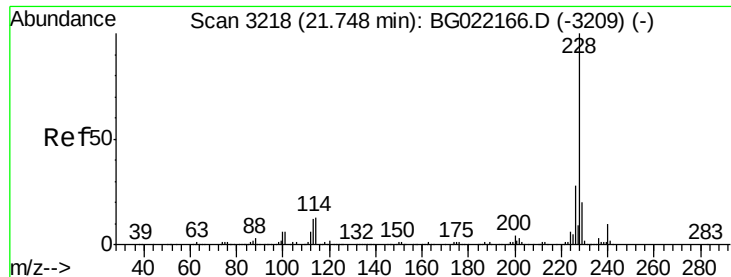
umangi
 6/23/2016 7:07:23 PM



#79
 Butylbenzylphthalate
 Concen: 65.03 ng
 RT: 20.65 min Scan# 3031
 Delta R.T. -0.01 min
 Lab File: BG022506.D
 Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.9	57.8	86.8
206	16.5	17.0	25.4





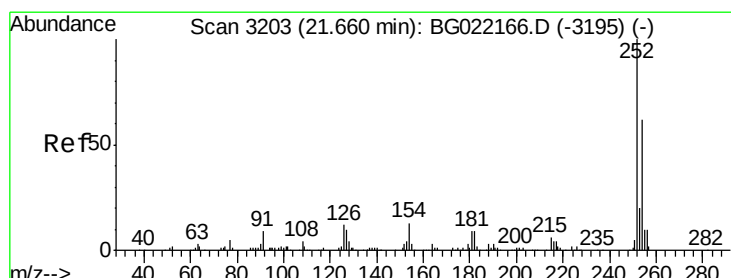
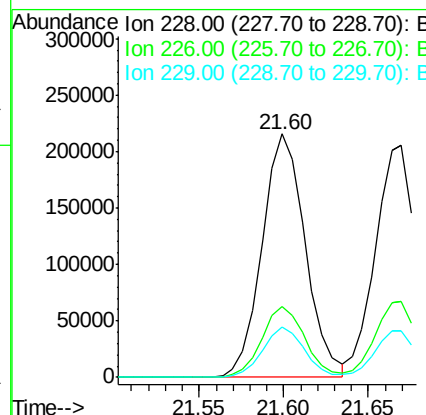
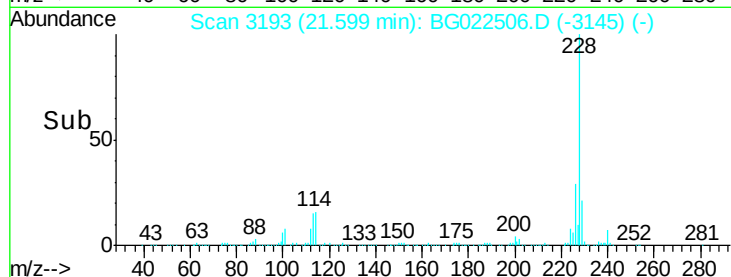
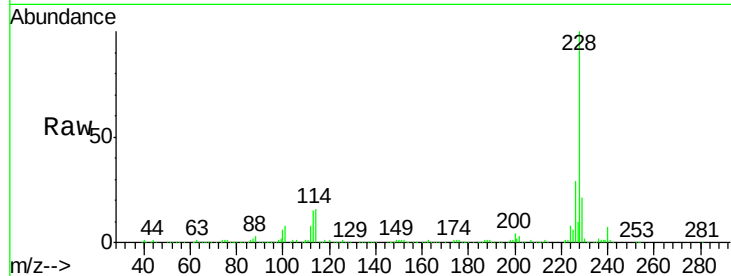
#80
Benzo(a)anthracene
Concen: 51.59 ng
RT: 21.60 min Scan# 3193
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	28.9	22.6	34.0		
229	20.7	16.1	24.1		

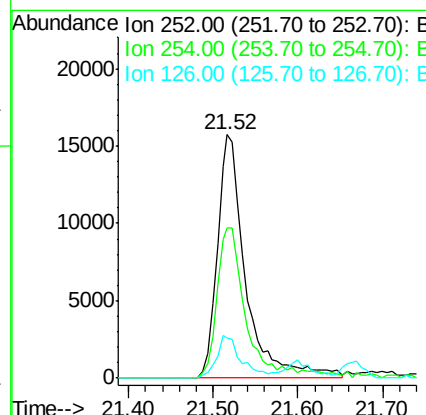
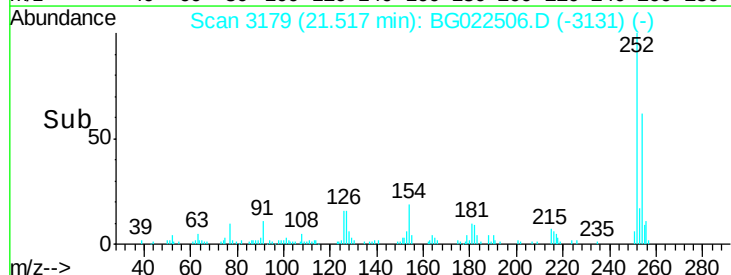
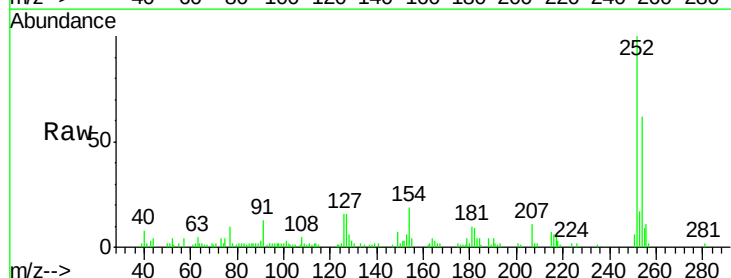
Manual Integrations
APPROVED

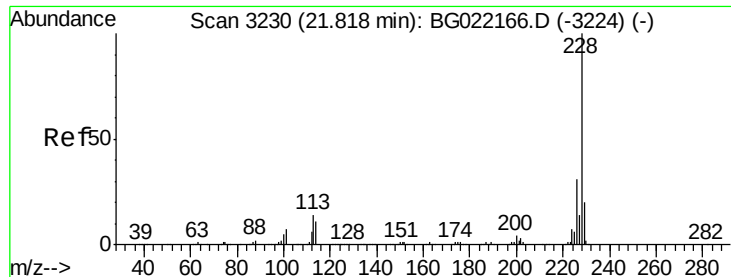
umangi
6/23/2016 7:07:23 PM



#81
3,3'-Dichlorobenzidine
Concen: 17.61 ng
RT: 21.52 min Scan# 3179
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	61.9	51.8	77.6		
126	16.4	8.8	13.2#		





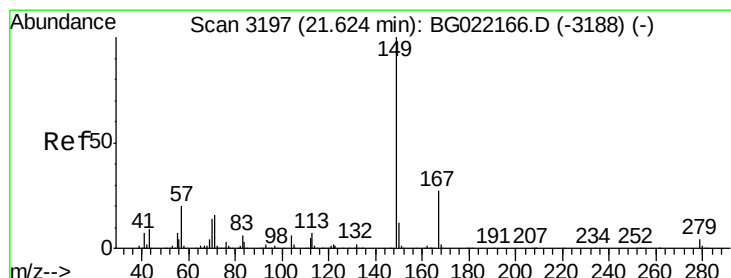
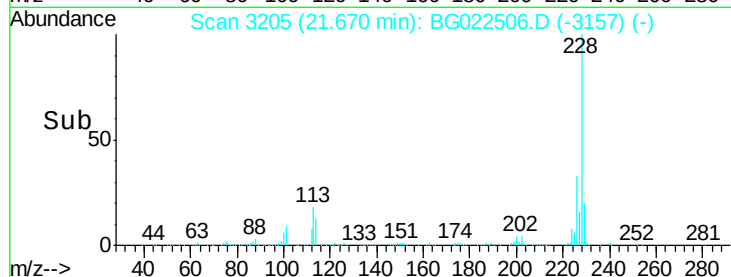
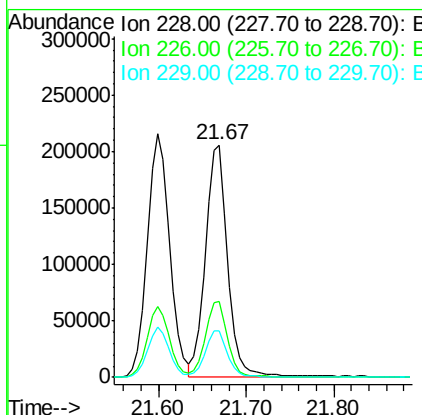
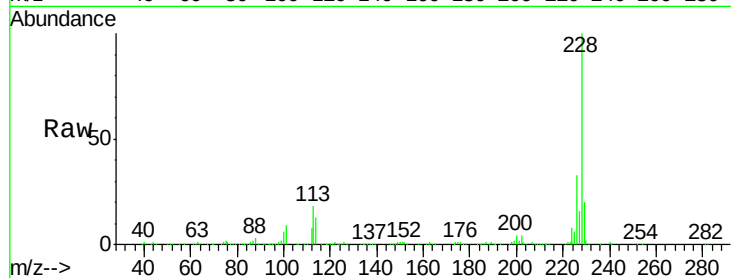
#82
Chrysene
Concen: 49.89 ng
RT: 21.67 min Scan# 3205
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MS

Tot Ion:	228	Resp:	361010
Ion Ratio	Lower	Upper	
228	100		
226	33.0	25.4	38.0
229	20.0	15.9	23.9

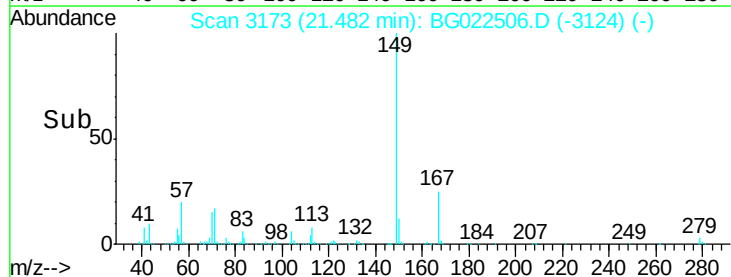
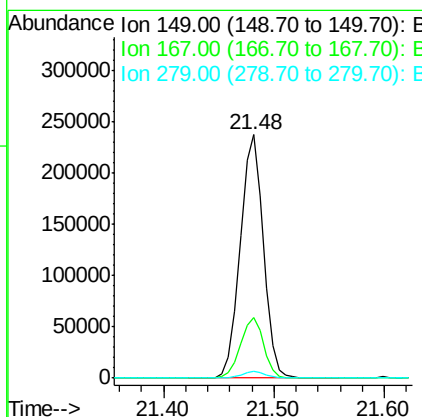
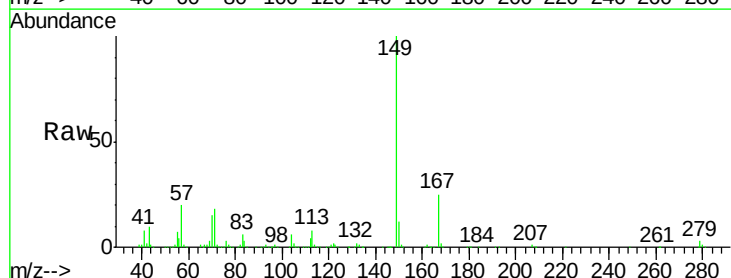
Manual Integrations
APPROVED

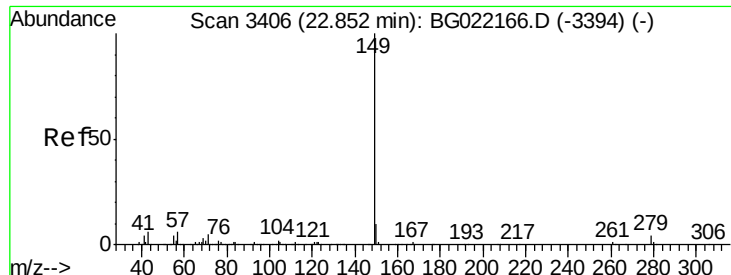
umangi
6/23/2016 7:07:23 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 62.39 ng
RT: 21.48 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Tgt Ion:	149	Resp:	350744
Ion Ratio	Lower	Upper	
149	100		
167	24.8	22.4	33.6
279	2.8	3.2	4.8#





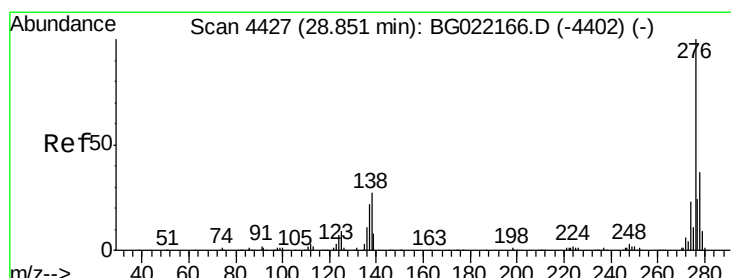
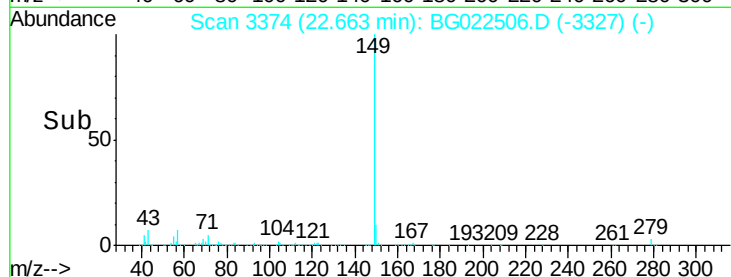
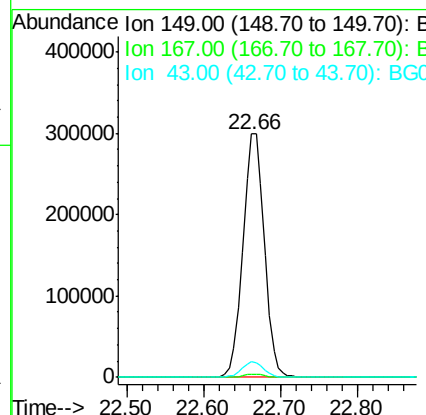
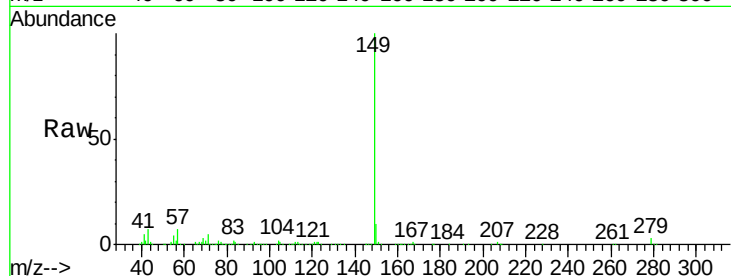
#84
Di-n-octyl phthalate
Concen: 62.65 ng
RT: 22.66 min Scan# 3374
Delta R.T. -0.02 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.3	1.9
43	6.2	9.8	14.6

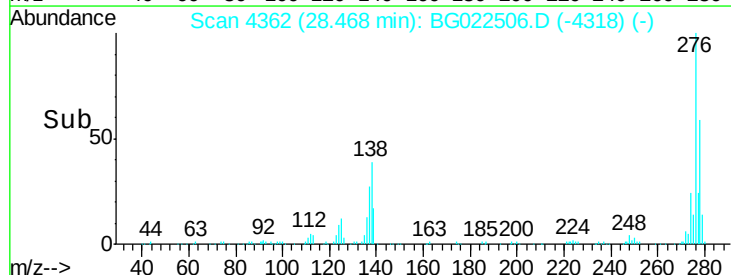
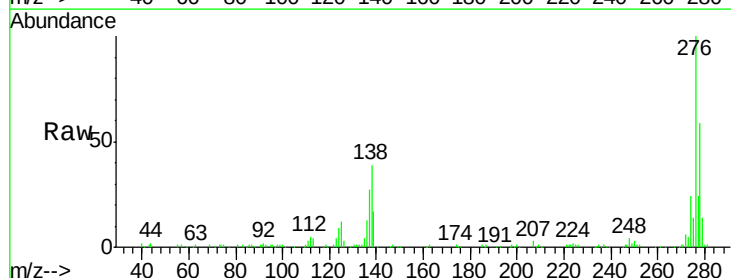
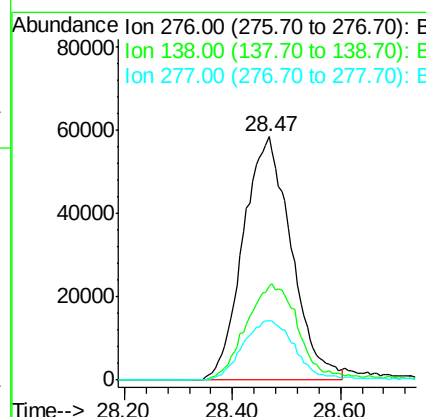
Manual Integrations
APPROVED

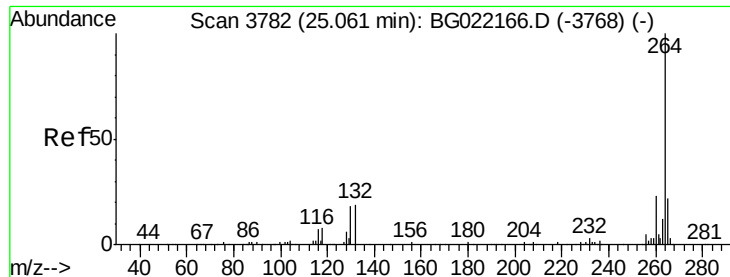
umangi
6/23/2016 7:07:23 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 44.61 ng
RT: 28.47 min Scan# 4362
Delta R.T. -0.04 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	42.7	14.0	21.0
277	25.8	20.6	30.8





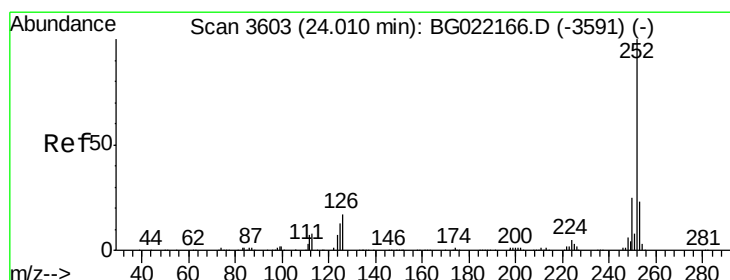
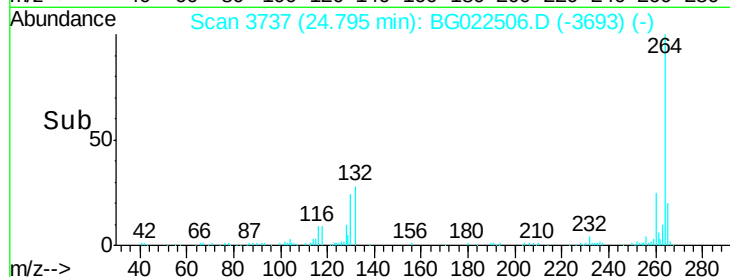
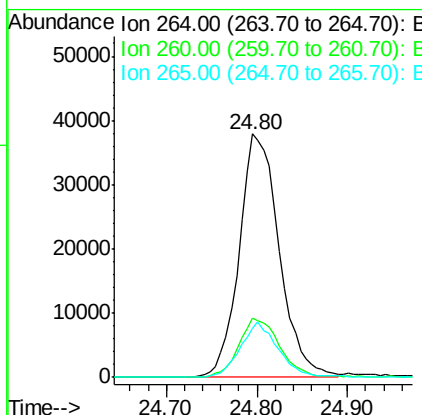
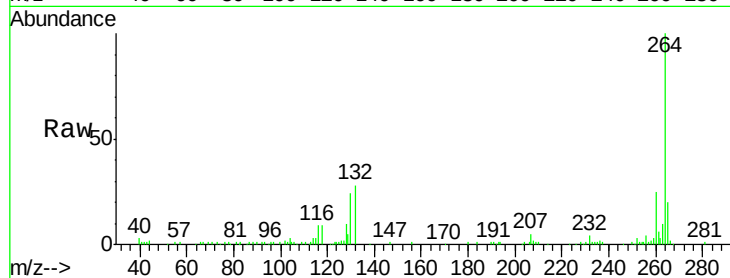
#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.80 min Scan# 3737
Delta R.T. -0.04 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.2	30.4
265	20.4	17.8	26.8

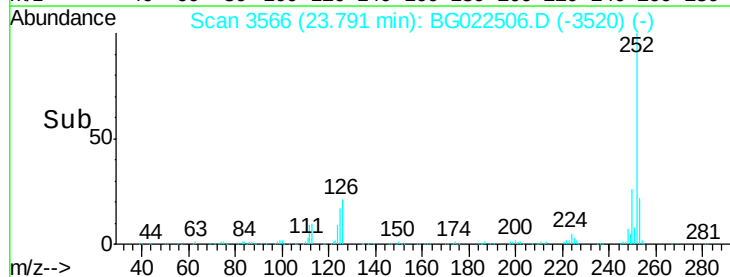
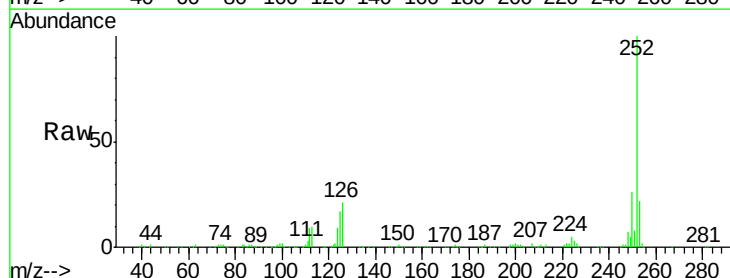
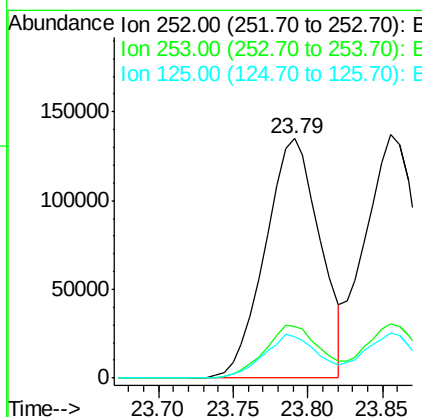
Manual Integrations
APPROVED

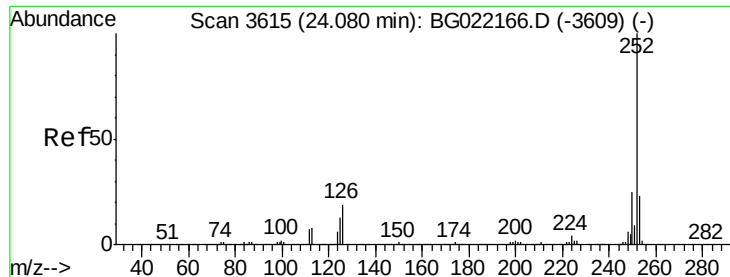
umangi
6/23/2016 7:07:23 PM



#87
Benzo(b)fluoranthene
Concen: 50.94 ng
RT: 23.79 min Scan# 3566
Delta R.T. -0.03 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	17.3	8.6	13.0





#88

Benzo(k)fluoranthene

Concen: 50.40 ng

RT: 23.86 min Scan# 3577

Delta R.T. -0.03 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Instrument :

BNA_G

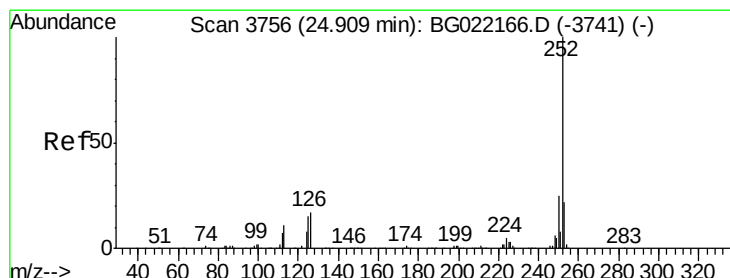
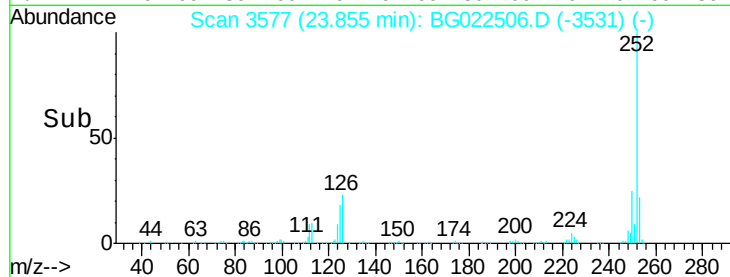
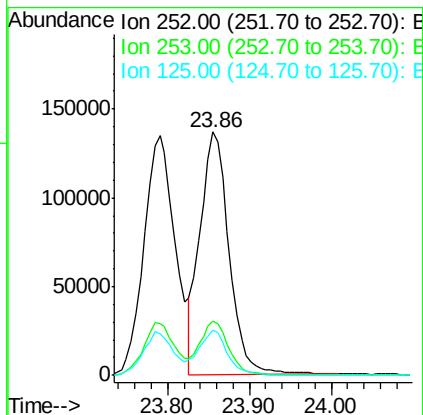
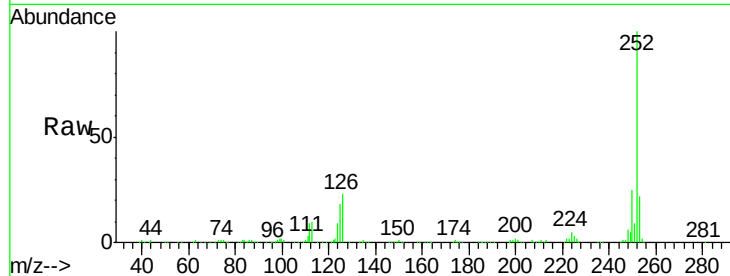
ClientSampleId :

SC-STA-1442(0-4)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	18.4	8.3	12.5#

Manual Integrations
APPROVED

umangi
6/23/2016 7:07:23 PM



#89

Benzo(a)pyrene

Concen: 51.39 ng

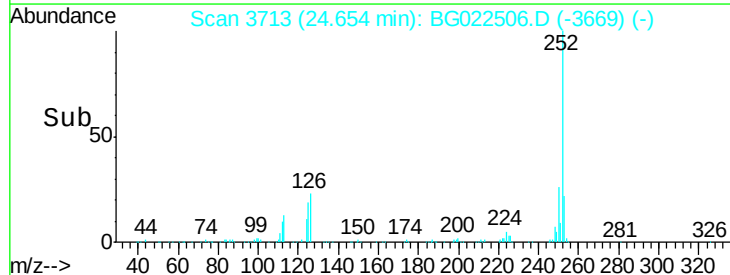
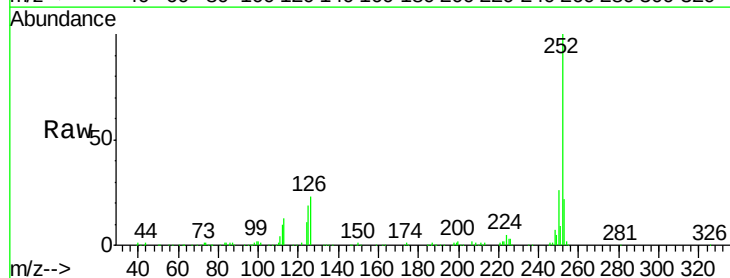
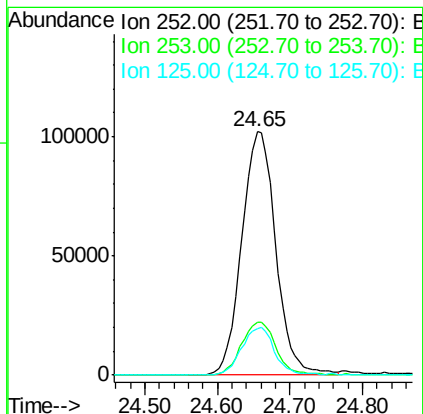
RT: 24.65 min Scan# 3713

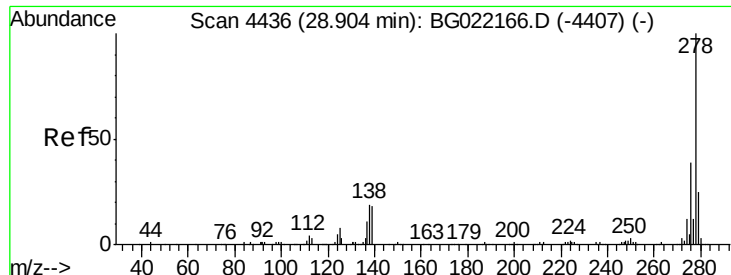
Delta R.T. -0.04 min

Lab File: BG022506.D

Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	19.0	9.6	14.4#





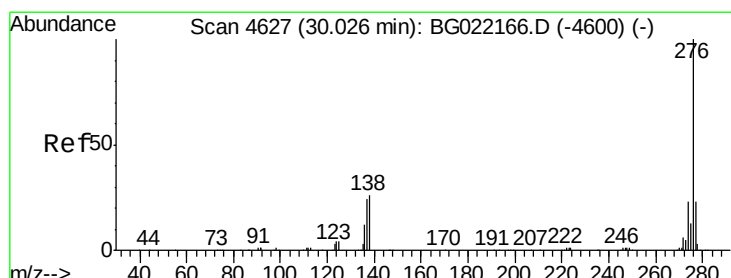
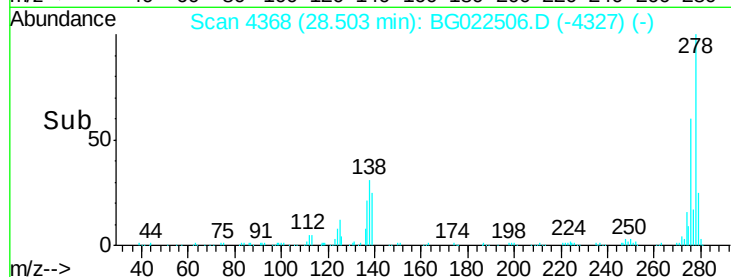
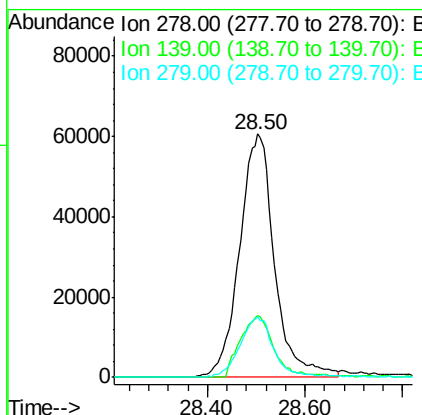
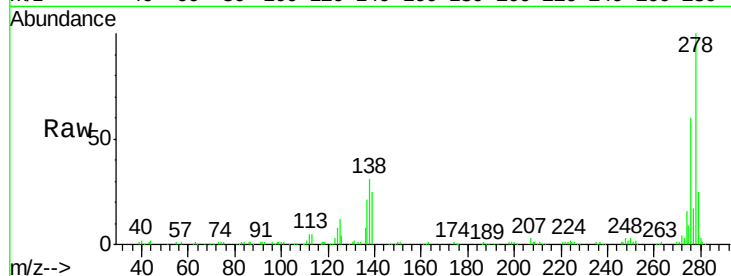
#90
Dibenzo(a,h)anthracene
Concen: 49.43 ng
RT: 28.50 min Scan# 4368
Delta R.T. -0.06 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Instrument :
BNA_G
ClientSampleId :
SC-STA-1442(0-4)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	25.4	11.9	17.9#
279	24.9	18.2	27.2

Manual Integrations
APPROVED

umangi
6/23/2016 7:07:23 PM



#91
Benzo(g,h,i)perylene
Concen: 47.57 ng
RT: 29.59 min Scan# 4553
Delta R.T. -0.07 min
Lab File: BG022506.D
Acq: 23 Jun 2016 5:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.4	29.2
138	32.4	17.4	26.0#

