

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
 Data File : BG022198.D
 Acq On : 7 Jun 2016 10:40
 Operator : UM/SJ
 Sample : H3424-02MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MS

Manual Integrations
 APPROVED

umangi
 6/7/2016 7:29:17 PM

Quant Time: Jun 07 17:39:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	28098	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	143560	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	86257	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	201218	20.00	ng	0.00
75) Chrysene-d12	21.77	240	189471	20.00	ng	0.00
86) Perylene-d12	25.06	264	182856	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	260923	179.54	ng	0.00
7) Phenol-d6	7.28	99	389042	170.27	ng	0.00
23) Nitrobenzene-d5	9.29	82	206225	100.15	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	149768	153.66	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	547957	96.81	ng	0.00
78) Terphenyl-d14	20.08	244	764038	95.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	25032	35.92	ng	# 74
3) Pyridine	3.92	79	72455	38.48	ng	97
4) n-Nitrosodimethylamine	3.84	42	20851	49.52	ng	94
6) Aniline	7.44	93	92135	31.74	ng	# 83
8) 2-Chlorophenol	7.68	128	107599	53.57	ng	# 77
9) Benzaldehyde	7.26	77	7005	5.57	ng	94
10) Phenol	7.31	94	133771	56.79	ng	84
11) bis(2-Chloroethyl)ether	7.53	93	91459	48.69	ng	# 70
12) 1,3-Dichlorobenzene	8.00	146	99325	46.13	ng	# 91
13) 1,4-Dichlorobenzene	8.15	146	104170	48.56	ng	93
14) 1,2-Dichlorobenzene	8.47	146	101729	47.04	ng	95
15) Benzyl Alcohol	8.36	79	70752	47.93	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	8.65	45	92953	47.70	ng	83
17) 2-Methylphenol	8.57	107	93385	53.12	ng	# 87
18) Hexachloroethane	9.20	117	36764	46.93	ng	# 79
19) n-Nitroso-di-n-propylamine	8.92	70	71863	46.46	ng	# 69
20) 3+4-Methylphenols	8.89	107	128157	50.83	ng	96
22) Acetophenone	8.94	105	148602	48.03	ng	# 82
24) Nitrobenzene	9.33	77	105104	50.76	ng	# 80
25) Isophorone	9.85	82	216820	45.01	ng	# 93
26) 2-Nitrophenol	10.05	139	57866	51.53	ng	# 71
27) 2,4-Dimethylphenol	10.10	122	105872	52.09	ng	89
28) bis(2-Chloroethoxy)methane	10.33	93	133435	48.35	ng	95
29) 2,4-Dichlorophenol	10.58	162	103019	54.72	ng	96
30) 1,2,4-Trichlorobenzene	10.80	180	101830	48.40	ng	95
31) Naphthalene	10.99	128	341088	47.60	ng	# 95
33) 4-Chloroaniline	11.10	127	55123	18.50	ng	# 87
34) Hexachlorobutadiene	11.26	225	54310	48.09	ng	94
35) Caprolactam	11.87	113	43872m	42.48	ng	
36) 4-Chloro-3-methylphenol	12.22	107	113637	50.92	ng	# 83
37) 2-Methylnaphthalene	12.58	142	250112	47.28	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	110700	49.86	ng	98
40) Hexachlorocyclopentadiene	12.92	237	110806	96.73	ng	98
42) 2,4,6-Trichlorophenol	13.19	196	80252	53.88	ng	96

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
 Data File : BG022198.D
 Acq On : 7 Jun 2016 10:40
 Operator : UM/SJ
 Sample : H3424-02MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MS

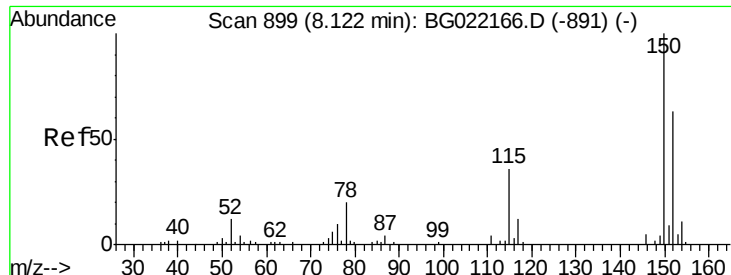
Manual Integrations
 APPROVED

umangi
 6/7/2016 7:29:17 PM

Quant Time: Jun 07 17:39:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.27	196	88383	53.71	ng	96
45) 1,1'-Biphenyl	13.58	154	324365	49.97	ng	96
46) 2-Chloronaphthalene	13.63	162	252773	50.80	ng	95
47) 2-Nitroaniline	13.84	65	58806	49.56	ng	# 50
48) Acenaphthylene	14.47	152	431745	49.45	ng	97
49) Dimethylphthalate	14.20	163	379310	53.04	ng	98
50) 2,6-Dinitrotoluene	14.32	165	76645	49.30	ng	# 78
51) Acenaphthene	14.81	154	258084	49.34	ng	99
52) 3-Nitroaniline	14.66	138	48906	28.36	ng	# 75
53) 2,4-Dinitrophenol	14.87	184	35062	58.61	ng	# 70
54) Dibenzofuran	15.14	168	403143	49.38	ng	98
55) 4-Nitrophenol	14.98	139	123042	103.39	ng	# 74
56) 2,4-Dinitrotoluene	15.11	165	105621	50.65	ng	# 81
57) Fluorene	15.80	166	339698	48.31	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.37	232	72299	48.98	ng	98
59) Diethylphthalate	15.55	149	355560	46.54	ng	99
60) 4-Chlorophenyl-phenylether	15.78	204	156583	49.17	ng	95
61) 4-Nitroaniline	15.83	138	83785	45.81	ng	80
62) Azobenzene	16.07	77	285426	49.33	ng	85
64) 4,6-Dinitro-2-methylphenol	15.88	198	44528	44.14	ng	# 82
65) n-Nitrosodiphenylamine	16.00	169	292074	50.39	ng	98
66) 4-Bromophenyl-phenylether	16.67	248	94207	49.97	ng	94
67) Hexachlorobenzene	16.79	284	105433	47.98	ng	96
68) Atrazine	16.94	200	101121	47.13	ng	99
69) Pentachlorophenol	17.15	266	99035	97.77	ng	96
70) Phenanthrene	17.53	178	524888	48.03	ng	97
71) Anthracene	17.62	178	518232	47.81	ng	97
72) Carbazole	17.89	167	498569	48.57	ng	98
73) Di-n-butylphthalate	18.43	149	636950	47.46	ng	98
74) Fluoranthene	19.54	202	591482	47.08	ng	98
76) Benzidine	19.72	184	161309	32.56	ng	98
77) Pyrene	19.90	202	587109	49.84	ng	99
79) Butylbenzylphthalate	20.76	149	285403	52.25	ng	92
80) Benzo(a)anthracene	21.75	228	532386	50.11	ng	98
81) 3,3'-Dichlorobenzidine	21.66	252	83453	27.98	ng	99
82) Chrysene	21.82	228	512233	49.55	ng	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	413267	51.44	ng	98
84) Di-n-octyl phthalate	22.85	149	689633	51.70	ng	# 86
85) Indeno(1,2,3-cd)pyrene	28.83	276	597496	51.51	ng	# 84
87) Benzo(b)fluoranthene	24.02	252	528135	49.52	ng	# 98
88) Benzo(k)fluoranthene	24.08	252	525822	50.09	ng	# 96
89) Benzo(a)pyrene	24.90	252	510843	50.10	ng	97
90) Dibenzo(a,h)anthracene	28.90	278	490205	51.04	ng	# 93
91) Benzo(g,h,i)perylene	30.03	276	497637	49.80	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG022198.D

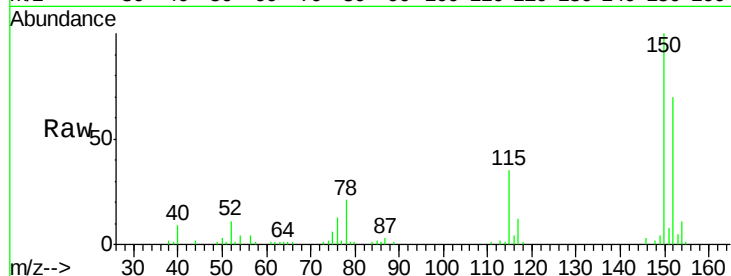
Acq: 7 Jun 2016 10:40

Instrument :

BNA_G

ClientSampleId :

CTM-2(7.5-10)MS



Tgt Ion: 152 Resp: 28098

Ion Ratio Lower Upper

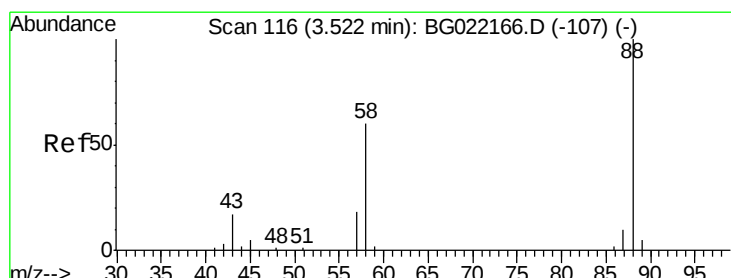
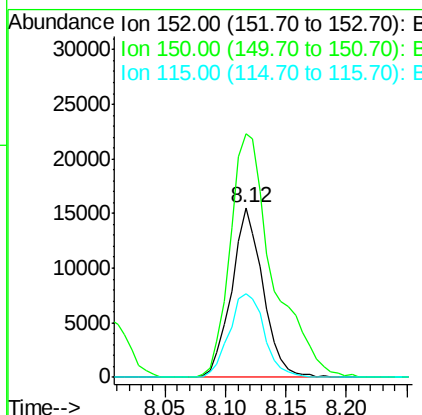
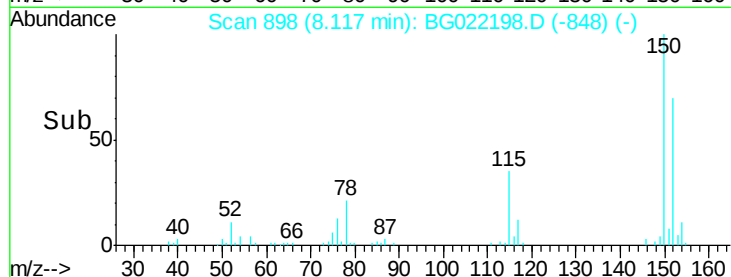
152 100

150 143.3 130.1 195.1

115 49.5 62.2 93.2#

Manual Integrations
APPROVED

umangi
6/7/2016 7:29:17 PM



#2

1,4-Dioxane

Concen: 35.92 ng

RT: 3.52 min Scan# 115

Delta R.T. -0.00 min

Lab File: BG022198.D

Acq: 7 Jun 2016 10:40

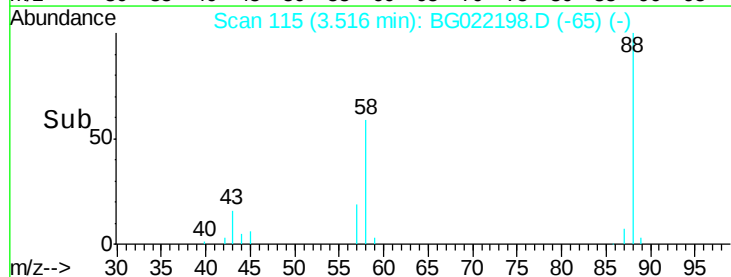
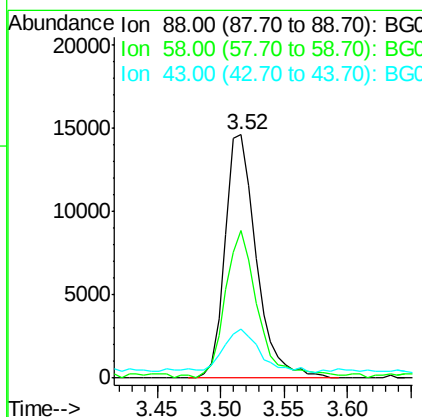
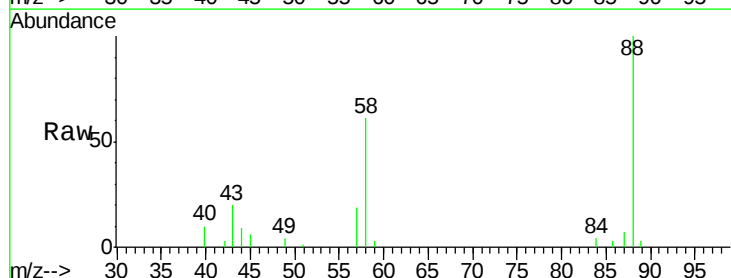
Tgt Ion: 88 Resp: 25032

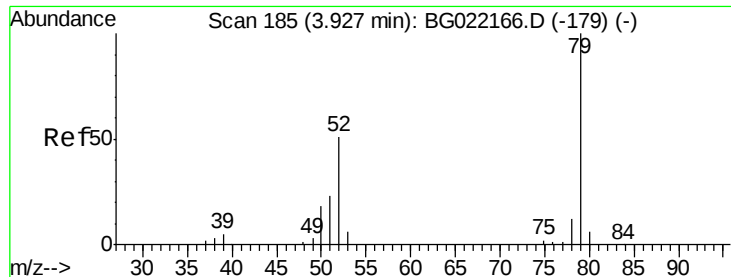
Ion Ratio Lower Upper

88 100

58 63.9 36.8 55.2#

43 22.1 10.4 15.6#





#3

Pyridine

Concen: 38.48 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.01 min

Lab File: BG022198.D

Acq: 7 Jun 2016 10:40

Instrument :

BNA_G

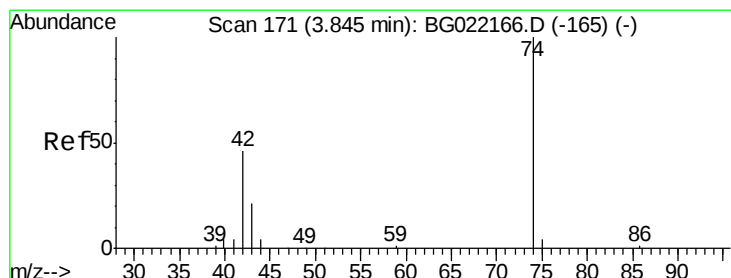
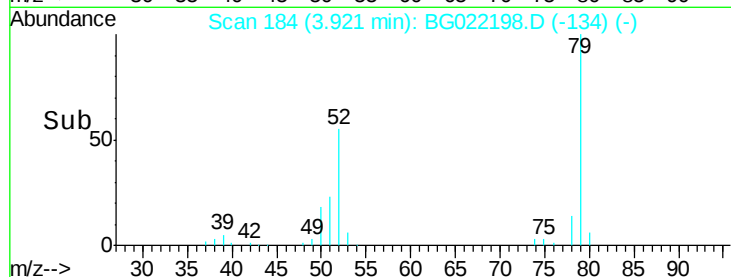
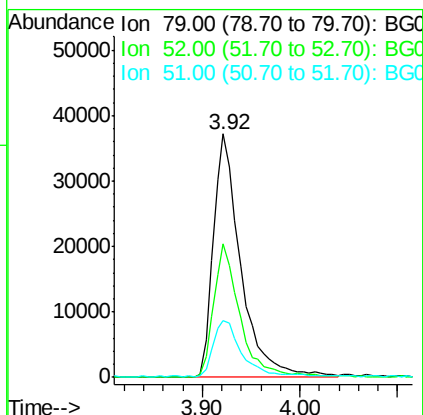
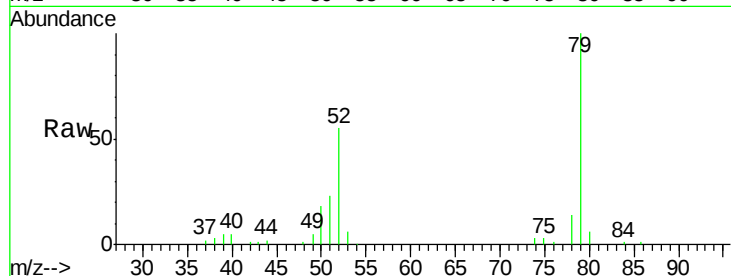
ClientSampleId :

CTM-2(7.5-10)MS

Tgt Ion:	79	Resp:	72455
Ion	Ratio	Lower	Upper
79	100		
52	54.6	41.6	62.4
51	23.4	19.2	28.8

Manual Integrations
APPROVED

umangi
6/7/2016 7:29:17 PM



#4

n-Nitrosodimethylamine

Concen: 49.52 ng

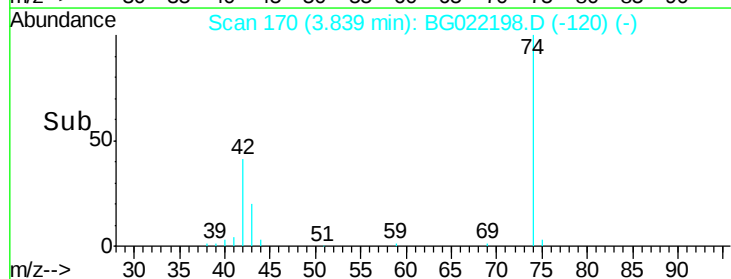
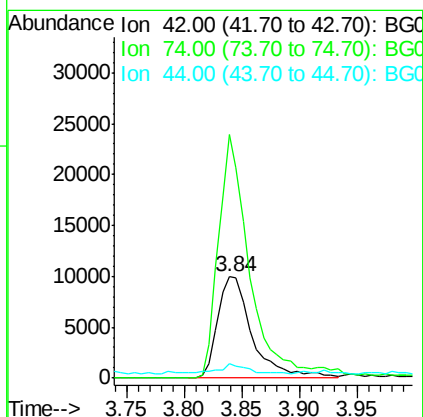
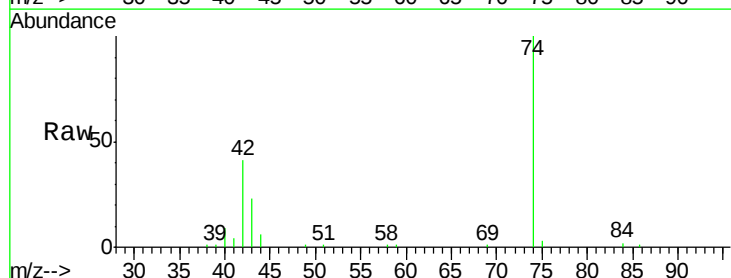
RT: 3.84 min Scan# 170

Delta R.T. -0.01 min

Lab File: BG022198.D

Acq: 7 Jun 2016 10:40

Tgt Ion:	42	Resp:	20851
Ion	Ratio	Lower	Upper
42	100		
74	241.3	184.0	276.0
44	13.8	11.0	16.6





#5

2-Fluorophenol

Concen: 179.54 ng

RT: 5.67 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG022198.D

Acq: 7 Jun 2016 10:40

Instrument :

BNA_G

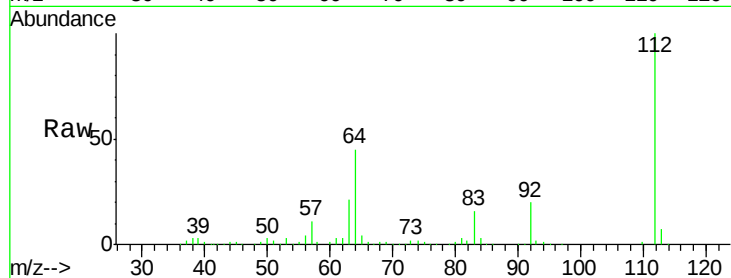
ClientSampleId :

CTM-2(7.5-10)MS

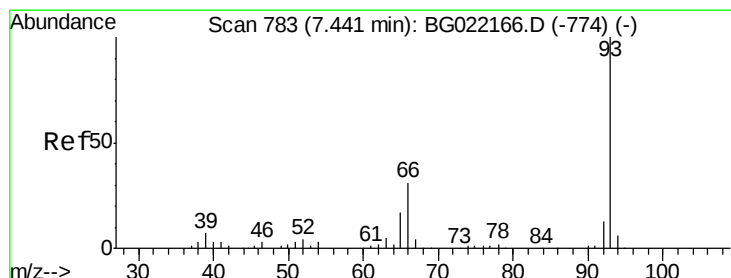
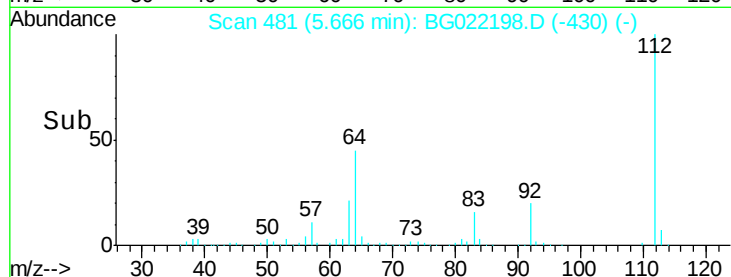
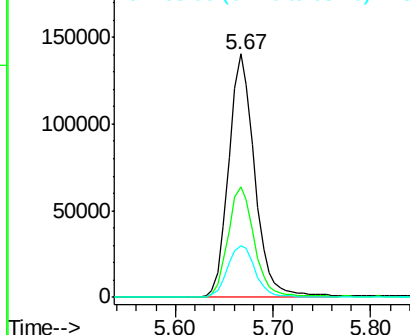
Tgt Ion:	112	Resp:	260923
Ion Ratio	Lower	Upper	
112	100		
64	45.2	51.1	76.7#
63	21.2	24.6	37.0#

Manual Integrations
APPROVED

umangi
6/7/2016 7:29:17 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



#6

Aniline

Concen: 31.74 ng

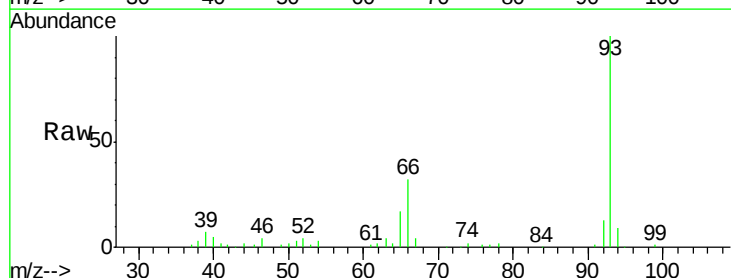
RT: 7.44 min Scan# 783

Delta R.T. -0.00 min

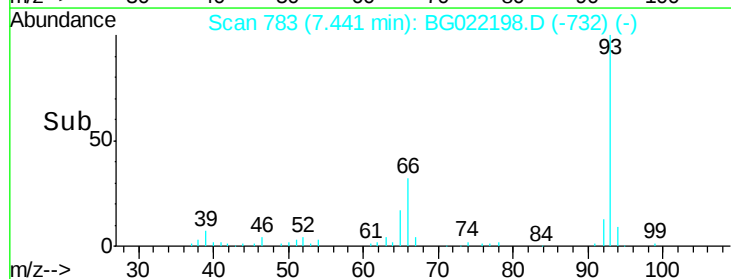
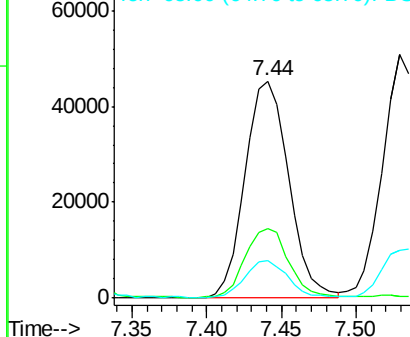
Lab File: BG022198.D

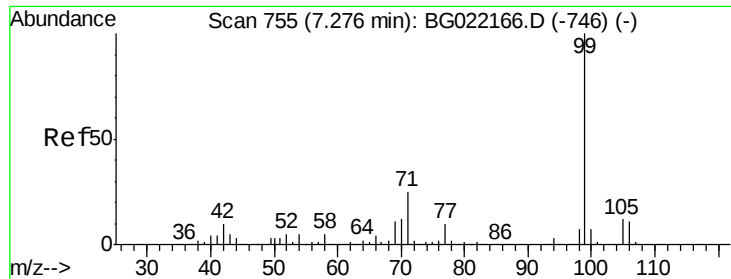
Acq: 7 Jun 2016 10:40

Tgt Ion:	93	Resp:	92135
Ion Ratio	Lower	Upper	
93	100		
66	32.3	36.3	54.5#
65	17.0	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





#7

Phenol-d6

Concen: 170.27 ng

RT: 7.28 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG022198.D

Acq: 7 Jun 2016 10:40

Instrument :

BNA_G

ClientSampleId :

CTM-2(7.5-10)MS

Tgt Ion: 99 Resp: 389042

Ion Ratio Lower Upper

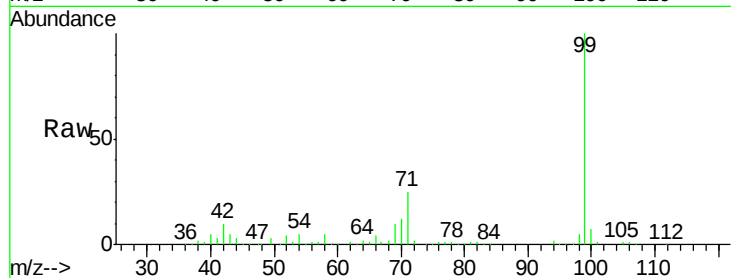
99 100

42 9.7 16.4 24.6#

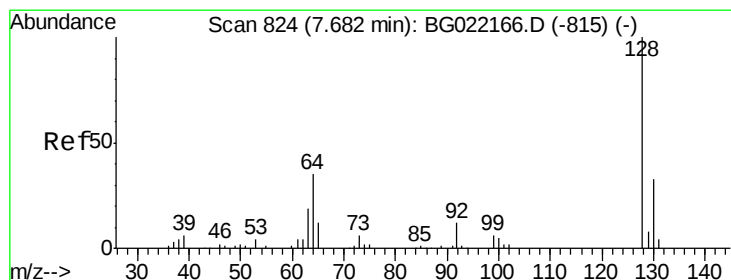
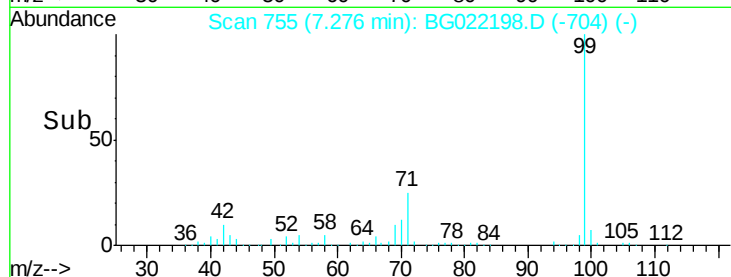
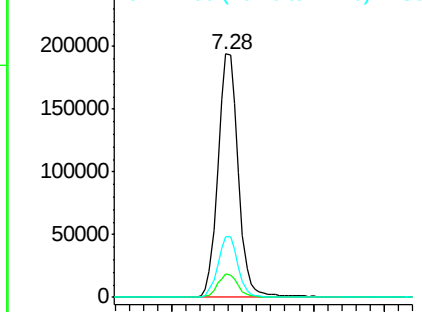
71 24.9 25.0 37.4#

Manual Integrations
APPROVED

umangi
6/7/2016 7:29:17 PM



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 53.57 ng

RT: 7.68 min Scan# 824

Delta R.T. -0.00 min

Lab File: BG022198.D

Acq: 7 Jun 2016 10:40

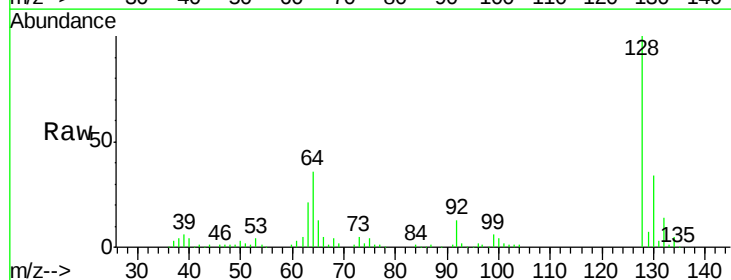
Tgt Ion: 128 Resp: 107599

Ion Ratio Lower Upper

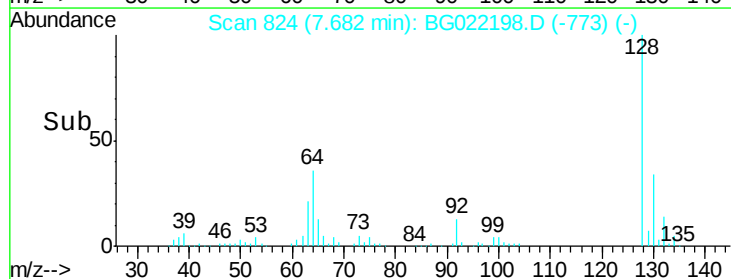
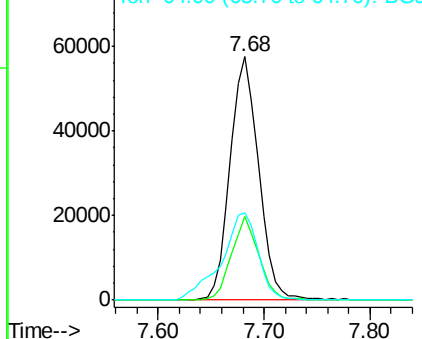
128 100

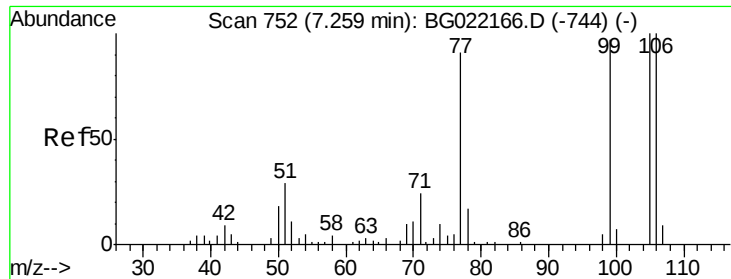
130 34.3 11.2 51.2

64 35.7 39.8 79.8#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 5.57 ng

RT: 7.26 min Scan# 753

Delta R.T. 0.01 min

Lab File: BG022198.D

Acq: 7 Jun 2016 10:40

Instrument :

BNA_G

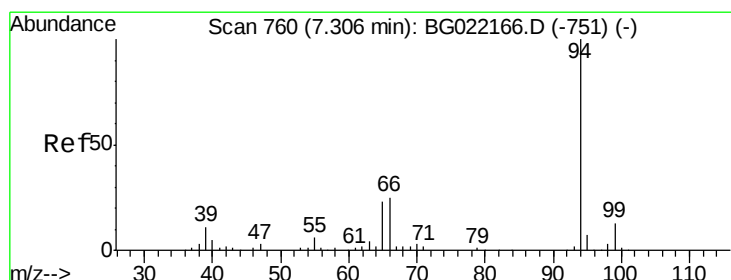
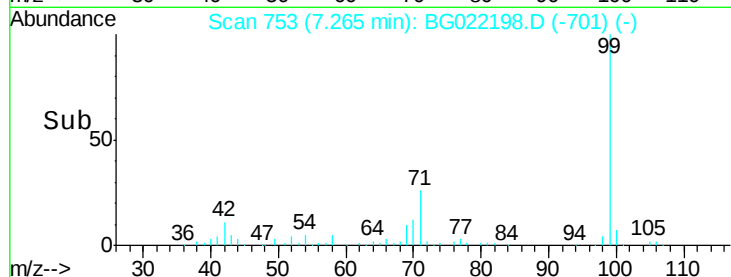
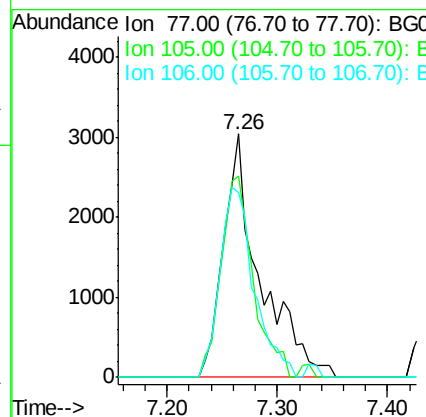
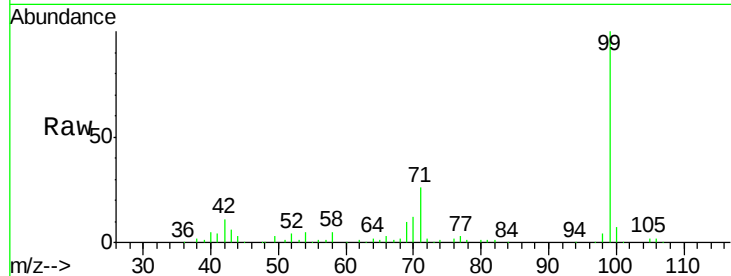
ClientSampleId :

CTM-2(7.5-10)MS

Tgt Ion:	77	Resp:	7005
Ion	Ratio	Lower	Upper
77	100		
105	82.8	62.1	102.1
106	76.1	65.6	105.6

Manual Integrations
APPROVED

umangi
6/7/2016 7:29:17 PM



#10

Phenol

Concen: 56.79 ng

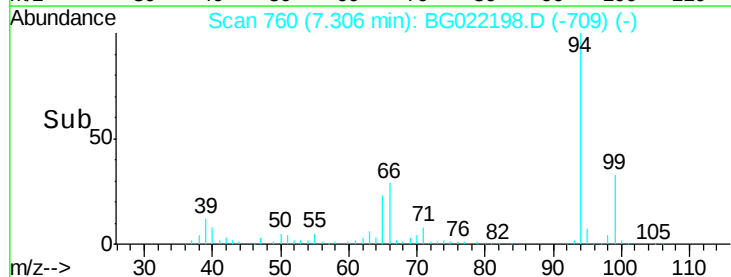
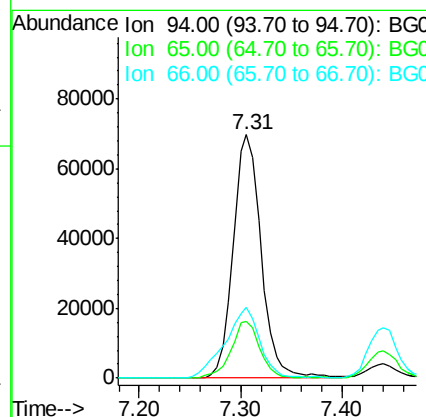
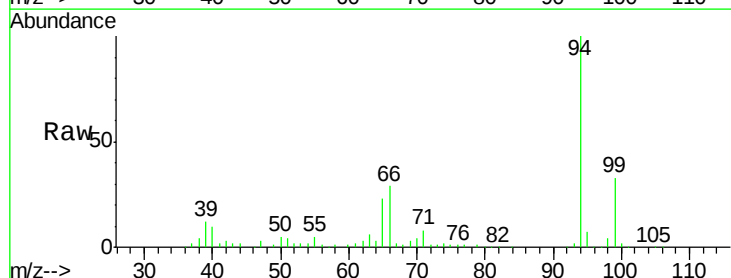
RT: 7.31 min Scan# 760

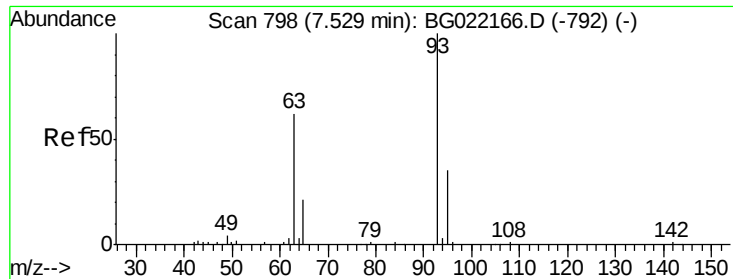
Delta R.T. -0.00 min

Lab File: BG022198.D

Acq: 7 Jun 2016 10:40

Tgt Ion:	94	Resp:	133771
Ion	Ratio	Lower	Upper
94	100		
65	23.3	9.8	49.8
66	29.0	20.8	60.8





#11

bis(2-Chloroethyl)ether

Concen: 48.69 ng

RT: 7.53 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG022198.D

Acq: 7 Jun 2016 10:40

Instrument :

BNA_G

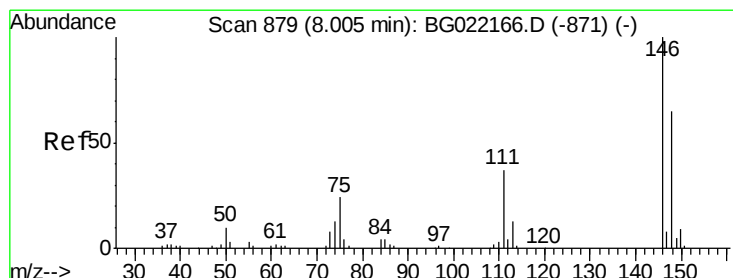
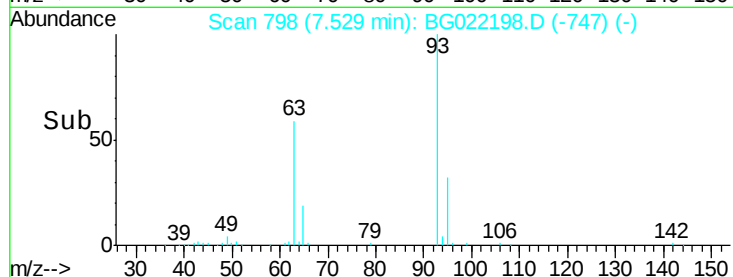
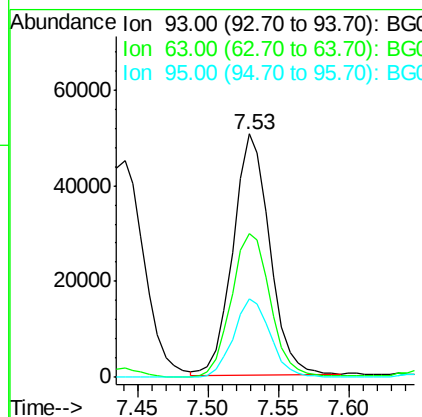
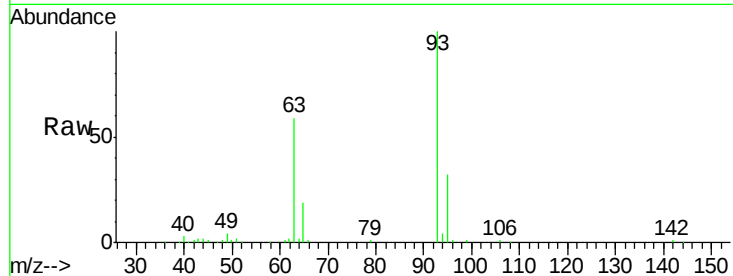
ClientSampleId :

CTM-2(7.5-10)MS

Tgt Ion:	93	Resp:	91459
Ion Ratio	Lower	Upper	
93	100		
63	59.0	74.9	114.9#
95	32.2	8.3	48.3

Manual Integrations
APPROVED

umangi
6/7/2016 7:29:17 PM



#12

1,3-Dichlorobenzene

Concen: 46.13 ng

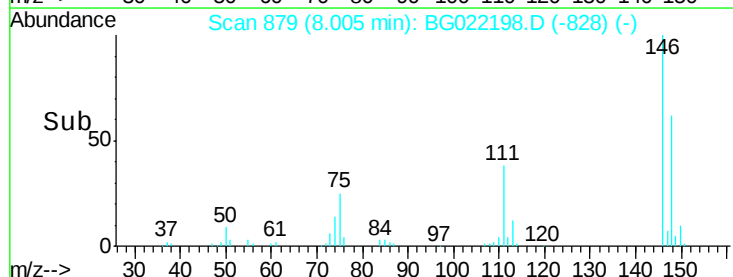
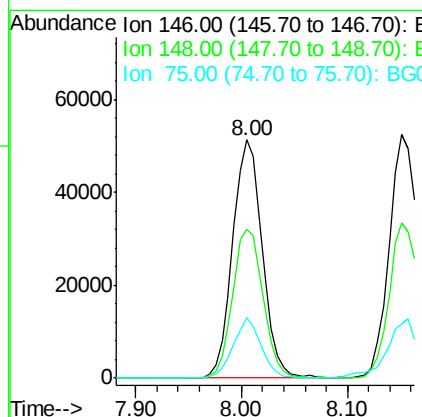
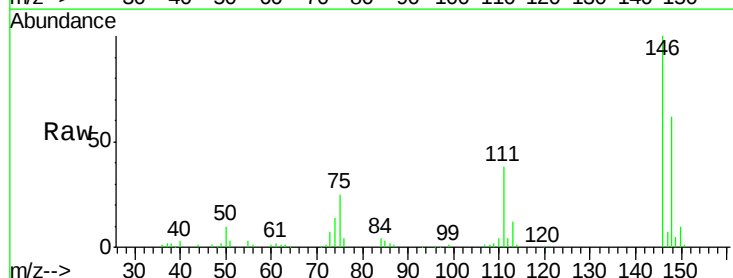
RT: 8.00 min Scan# 879

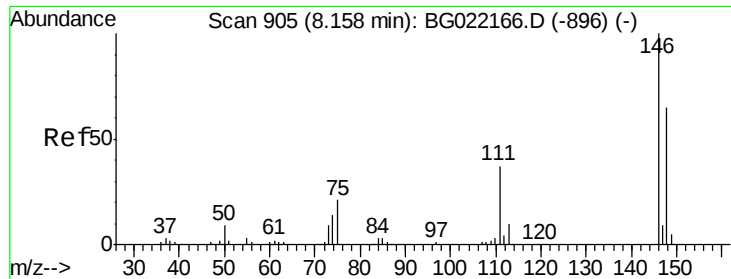
Delta R.T. -0.00 min

Lab File: BG022198.D

Acq: 7 Jun 2016 10:40

Tgt Ion:	146	Resp:	99325
Ion Ratio	Lower	Upper	
146	100		
148	62.5	53.7	80.5
75	25.3	27.4	41.0#





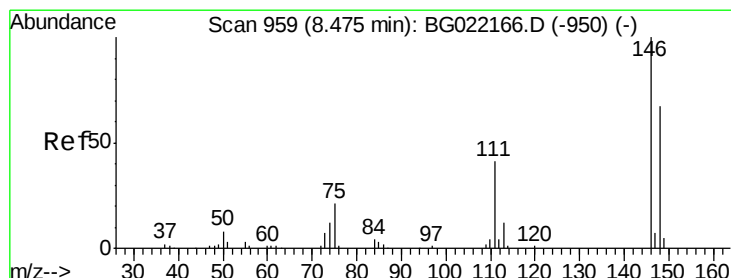
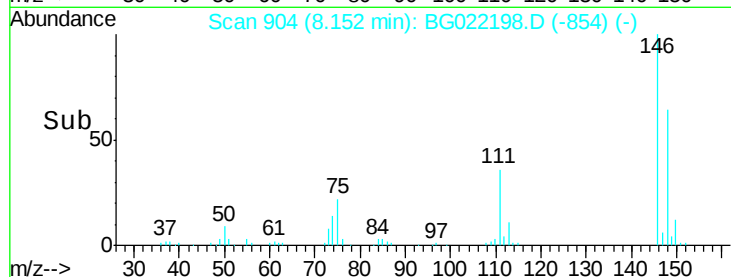
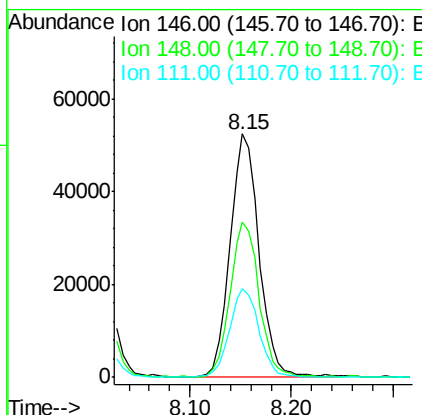
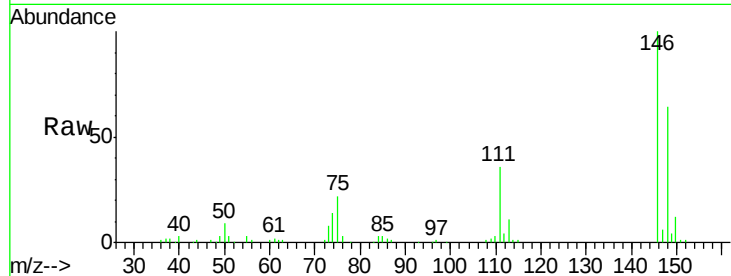
#13
 1,4-Dichlorobenzene
 Concen: 48.56 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	104170		
148	63.7	46.7	70.1	
111	36.3	33.0	49.6	

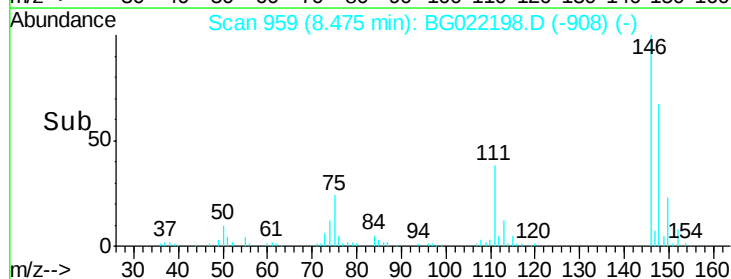
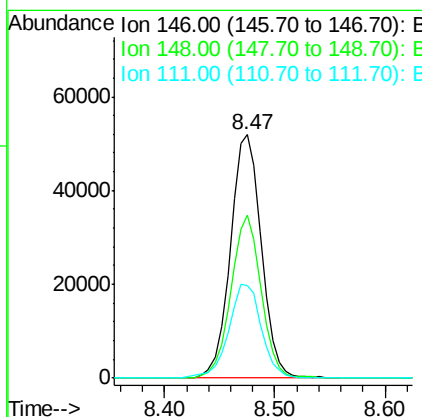
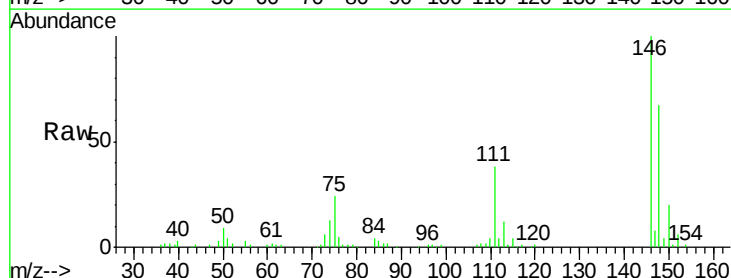
Manual Integrations
 APPROVED

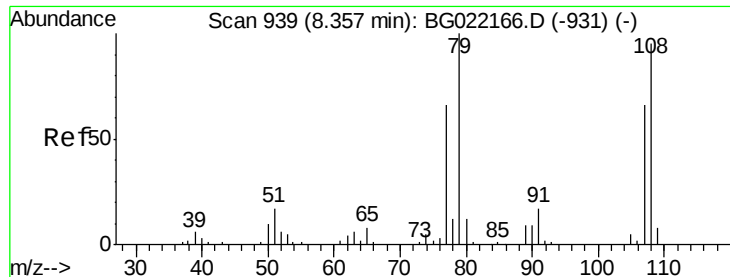
umangi
 6/7/2016 7:29:17 PM



#14
 1,2-Dichlorobenzene
 Concen: 47.04 ng
 RT: 8.47 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	101729		
148	66.7	52.6	79.0	
111	38.0	36.1	54.1	





#15

Benzyl Alcohol

Concen: 47.93 ng

RT: 8.36 min Scan# 939

Delta R.T. -0.00 min

Lab File: BG022198.D

Acq: 7 Jun 2016 10:40

Instrument :

BNA_G

ClientSampleId :

CTM-2(7.5-10)MS

Tgt Ion: 79 Resp: 70752

Ion Ratio Lower Upper

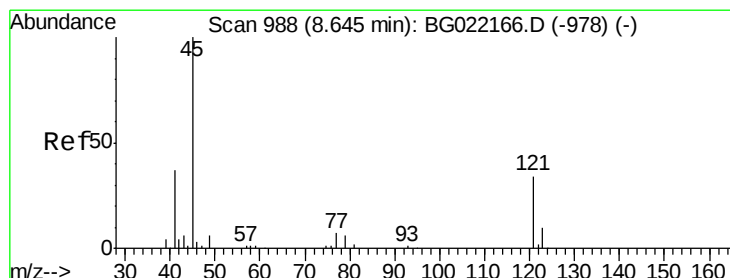
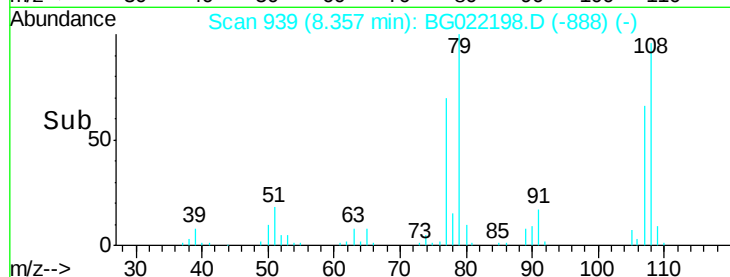
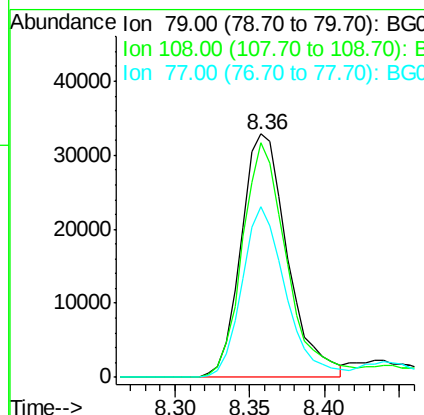
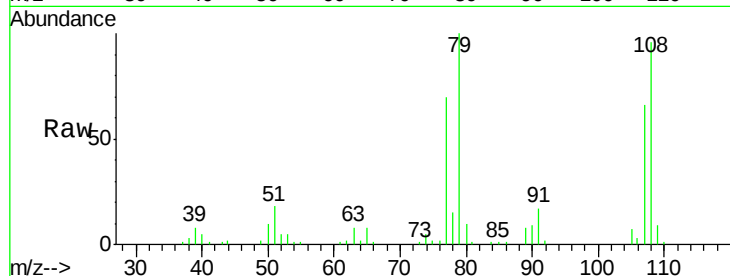
79 100

108 96.3 59.4 89.0#

77 70.1 52.2 78.2

Manual Integrations
APPROVED

umangi
6/7/2016 7:29:17 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.70 ng

RT: 8.65 min Scan# 988

Delta R.T. -0.00 min

Lab File: BG022198.D

Acq: 7 Jun 2016 10:40

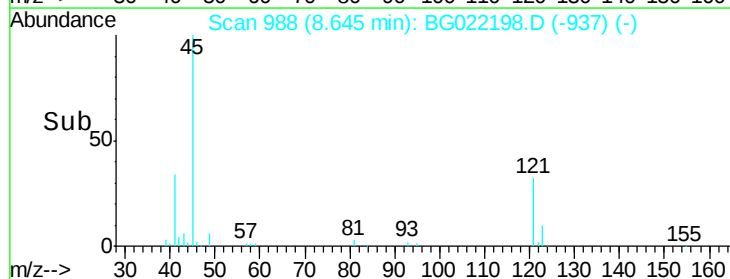
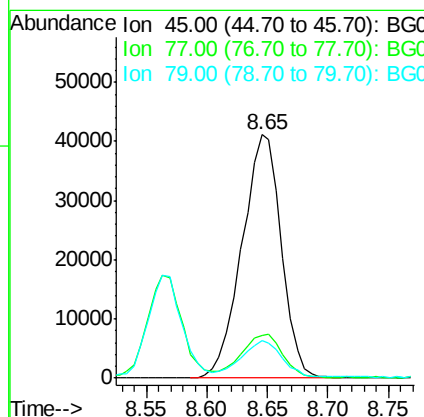
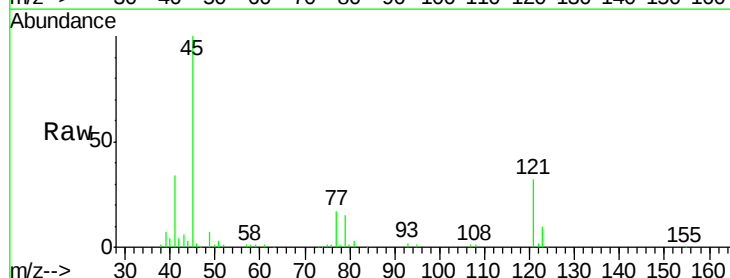
Tgt Ion: 45 Resp: 92953

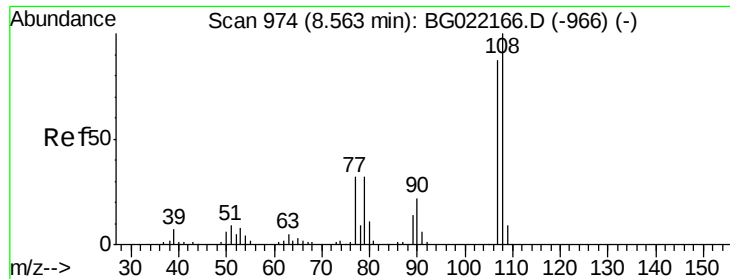
Ion Ratio Lower Upper

45 100

77 17.4 0.0 31.2

79 15.3 0.0 29.0





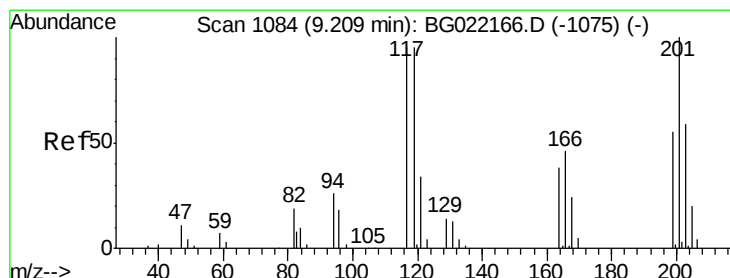
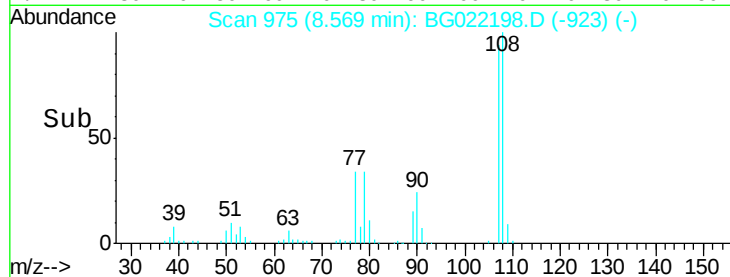
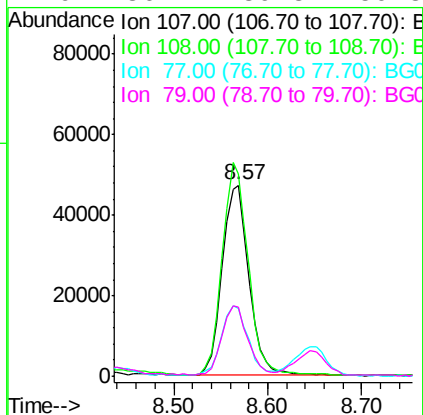
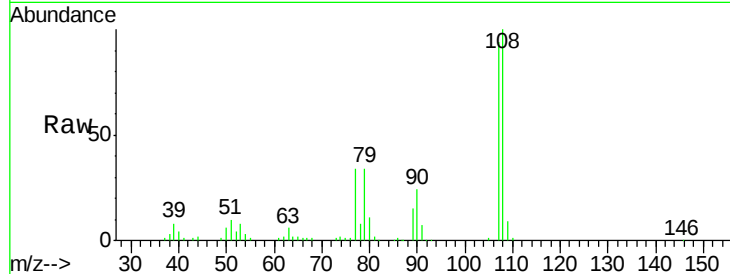
#17
2-Methylphenol
Concen: 53.12 ng
RT: 8.57 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	93385		
108	106.1	80.2	120.4	
77	35.9	40.7	61.1#	
79	36.1	39.8	59.8#	

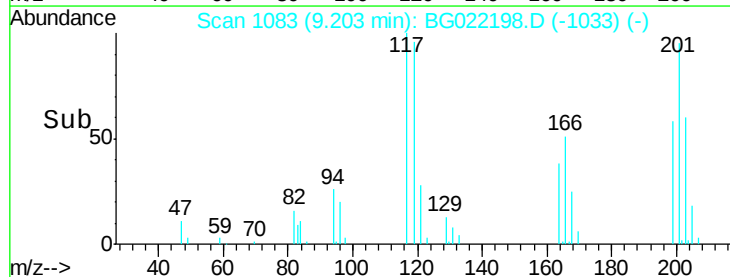
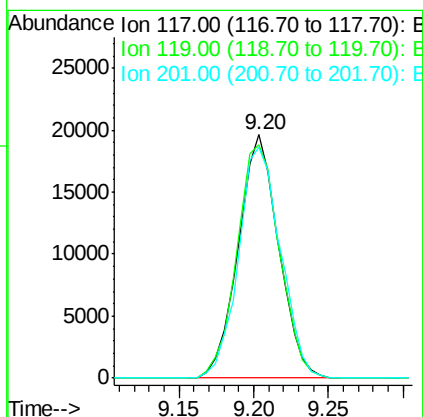
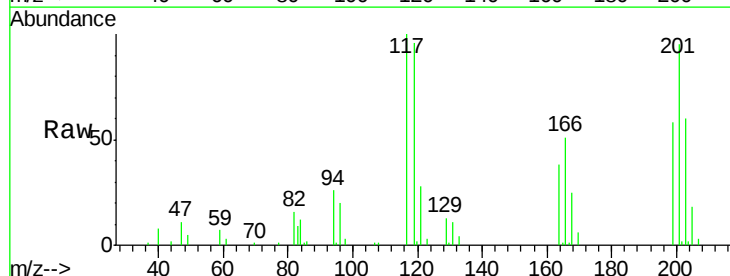
Manual Integrations
APPROVED

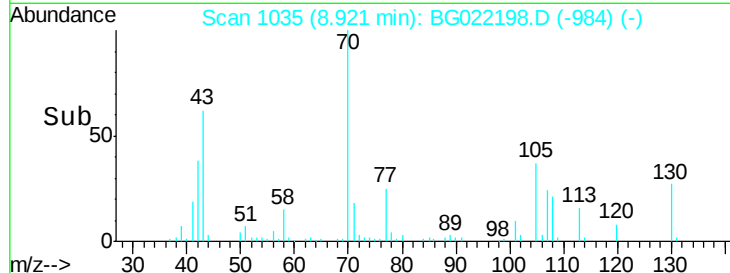
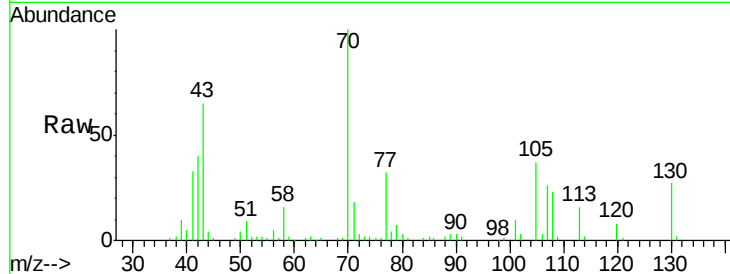
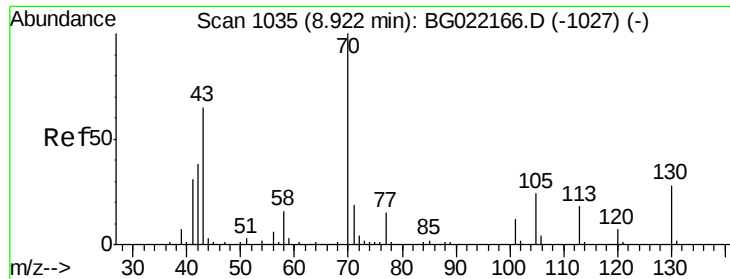
umangi
6/7/2016 7:29:17 PM



#18
Hexachloroethane
Concen: 46.93 ng
RT: 9.20 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	36764		
119	96.1	63.9	95.9#	
201	96.8	61.2	91.8#	





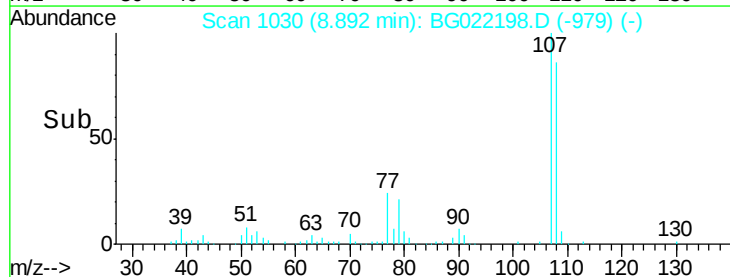
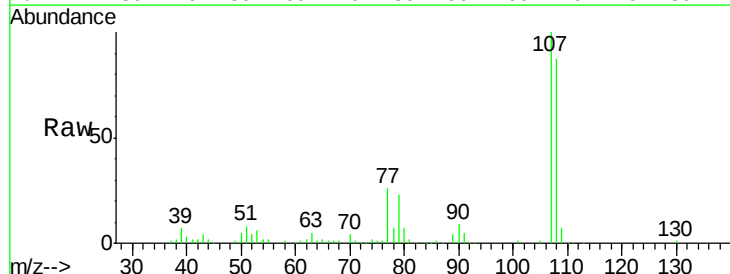
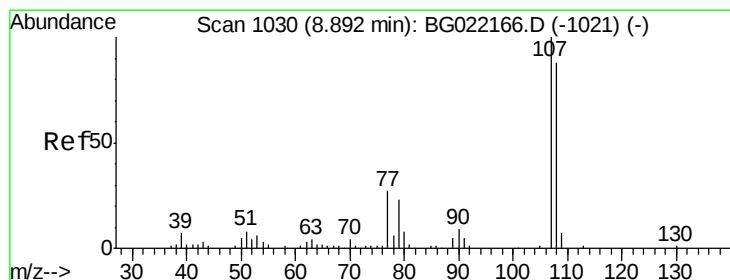
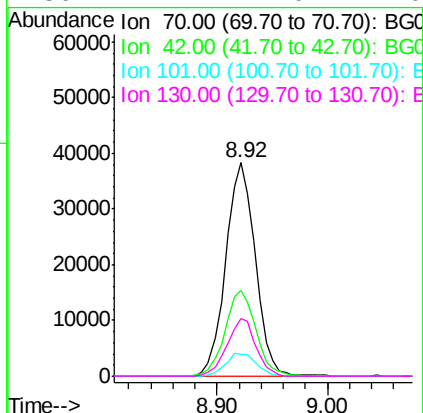
#19
n-Nitroso-di-n-propylamine
Concen: 46.46 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	40.2	56.7	85.1#
101	10.4	8.2	12.4
130	27.1	14.0	21.0#

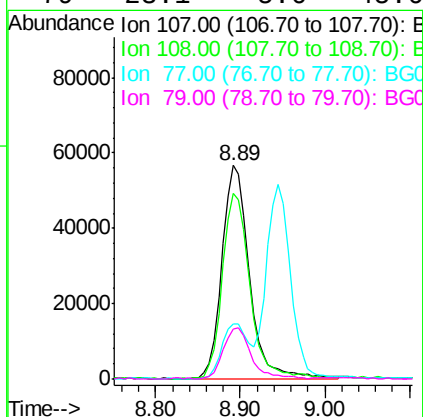
Manual Integrations
APPROVED

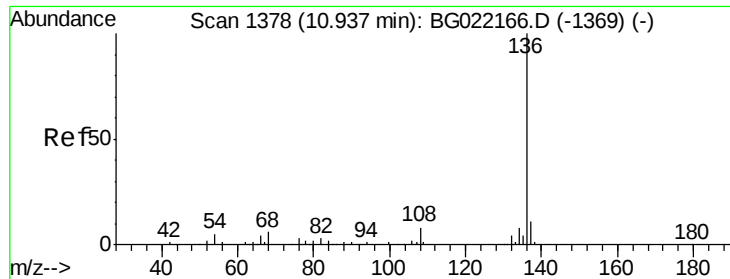
umangi
6/7/2016 7:29:17 PM



#20
3+4-Methylphenols
Concen: 50.83 ng
RT: 8.89 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	66.2	106.2
77	25.8	11.5	51.5
79	23.1	5.6	45.6





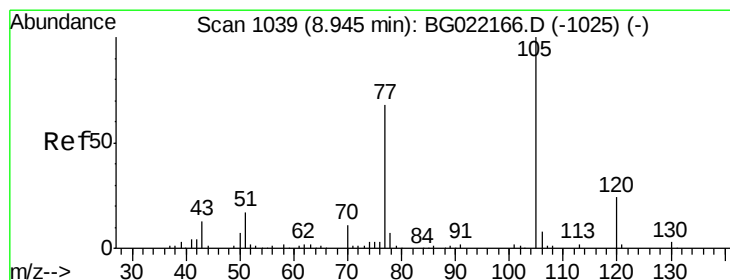
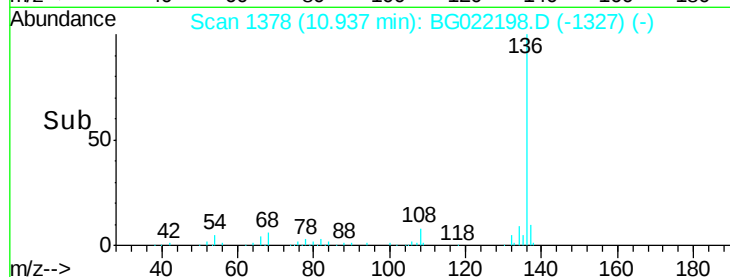
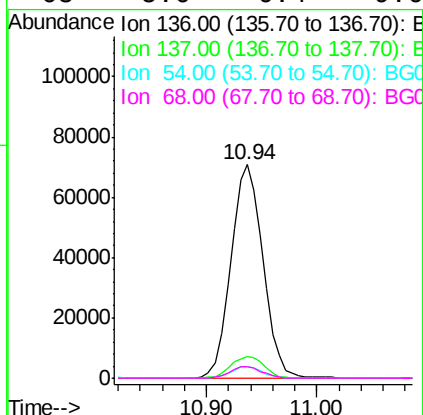
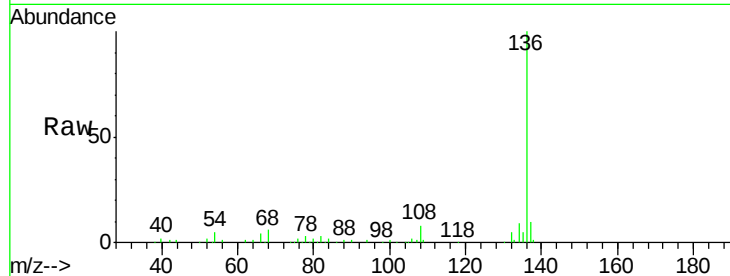
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	143560		
137	10.1	9.0	13.4	
54	5.3	9.6	14.4	
68	5.6	6.4	9.6	

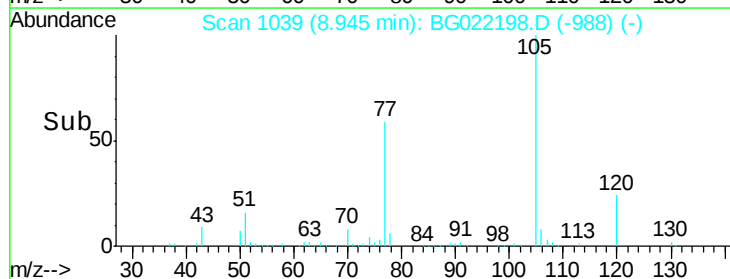
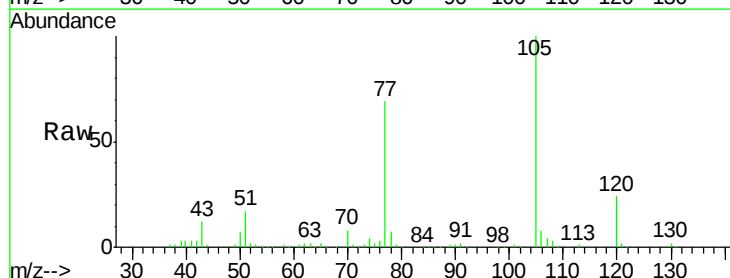
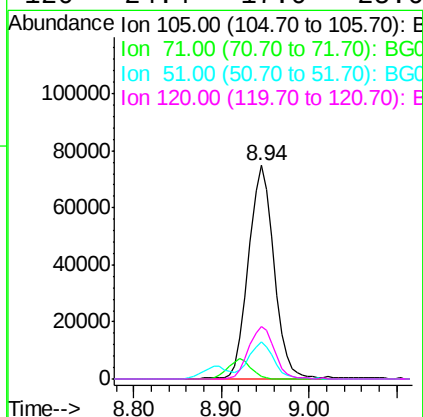
Manual Integrations
APPROVED

umangi
6/7/2016 7:29:17 PM



#22
Acetophenone
Concen: 48.03 ng
RT: 8.94 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	148602		
71	1.4	0.0	0.0	
51	17.4	25.7	38.5	
120	24.4	17.0	25.6	





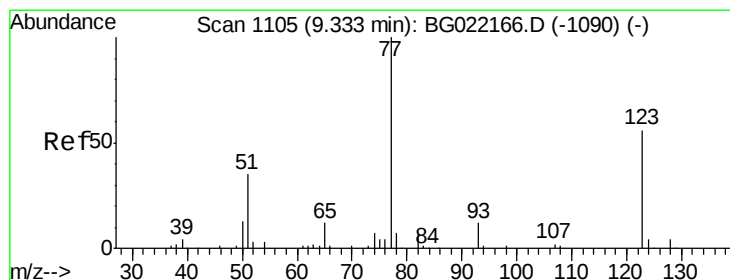
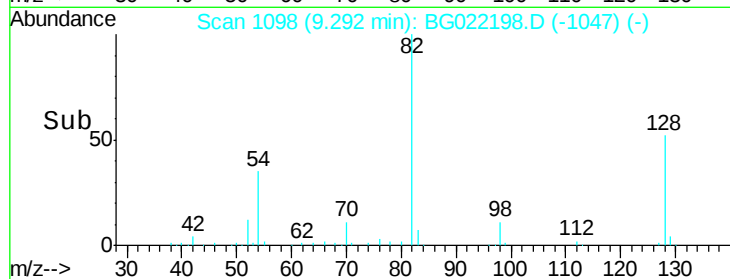
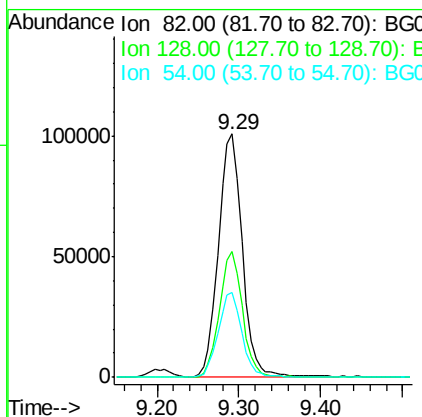
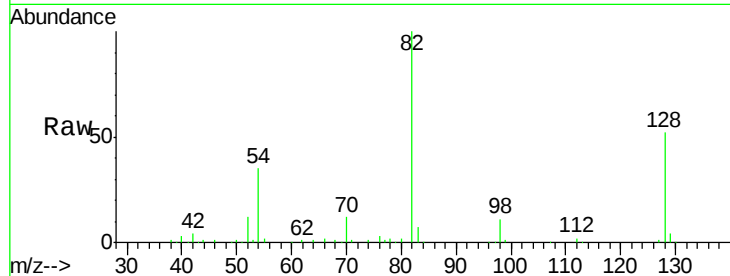
#23
 Nitrobenzene-d5
 Concen: 100.15 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	51.7	33.4	50.0#
54	34.7	46.1	69.1#

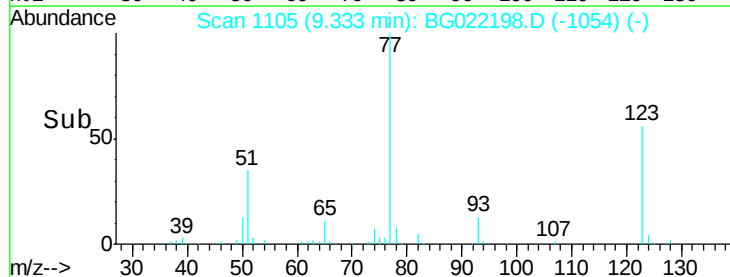
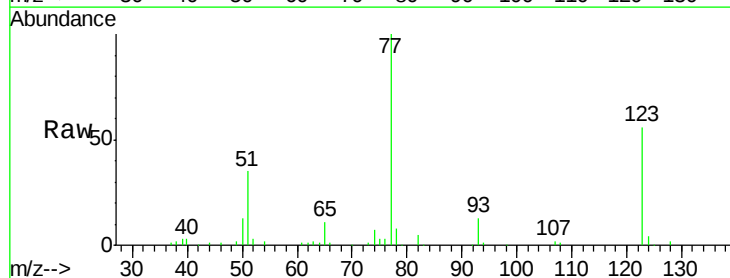
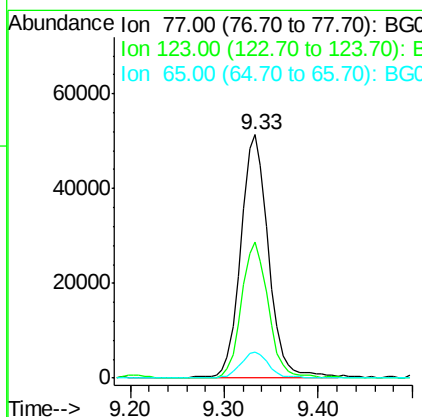
Manual Integrations
 APPROVED

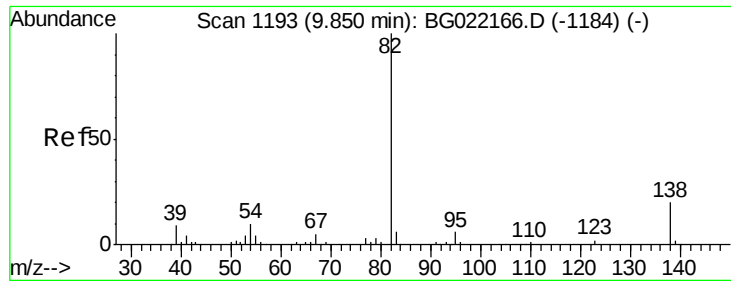
umangi
 6/7/2016 7:29:17 PM



#24
 Nitrobenzene
 Concen: 50.76 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	55.9	32.2	48.4#
65	10.7	10.3	15.5





#25

Isophorone

Concen: 45.01 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BG022198.D

Acq: 7 Jun 2016 10:40

Instrument :

BNA_G

ClientSampleId :

CTM-2(7.5-10)MS

Tgt Ion: 82 Resp: 216820

Ion Ratio Lower Upper

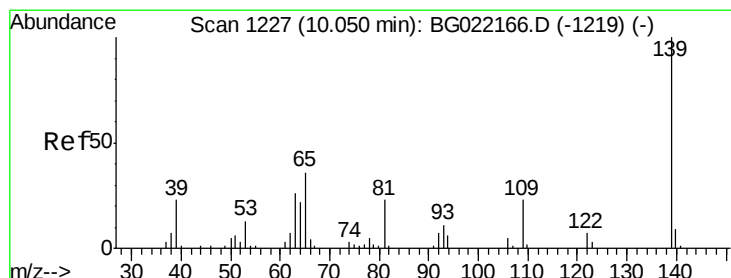
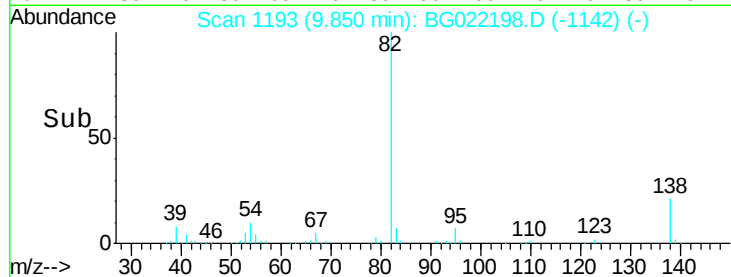
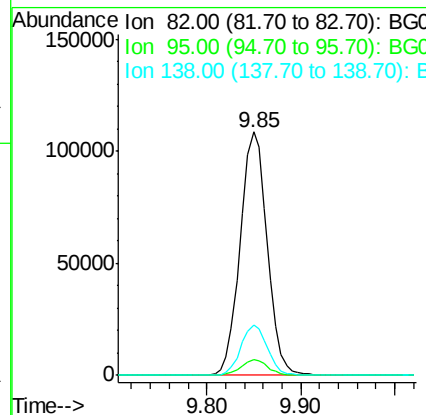
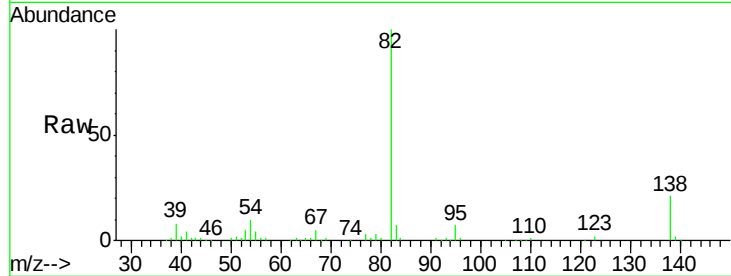
82 100

95 6.7 6.0 9.0

138 20.5 13.4 20.0#

Manual Integrations
APPROVED

umangi
6/7/2016 7:29:17 PM



#26

2-Nitrophenol

Concen: 51.53 ng

RT: 10.05 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BG022198.D

Acq: 7 Jun 2016 10:40

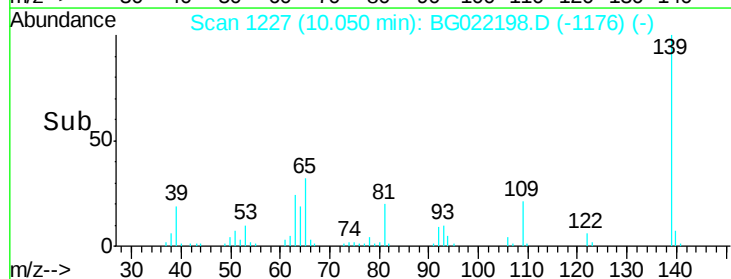
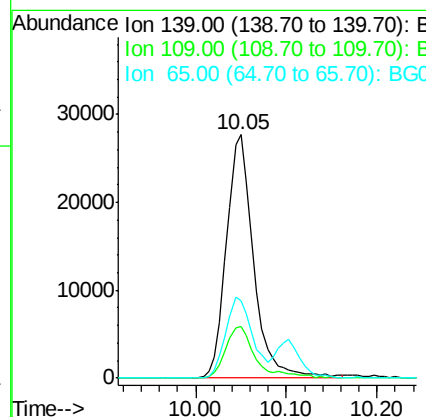
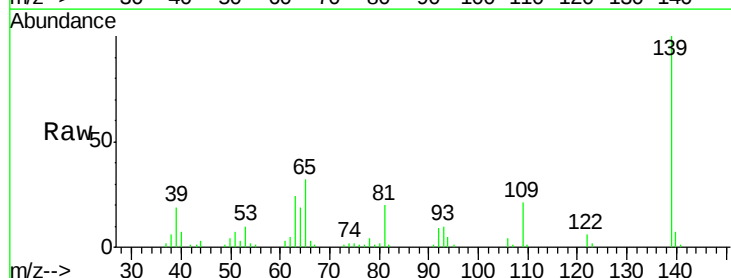
Tgt Ion: 139 Resp: 57866

Ion Ratio Lower Upper

139 100

109 21.4 26.6 40.0#

65 31.9 45.3 67.9#





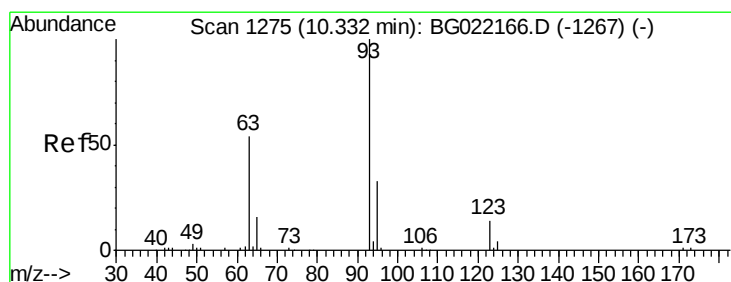
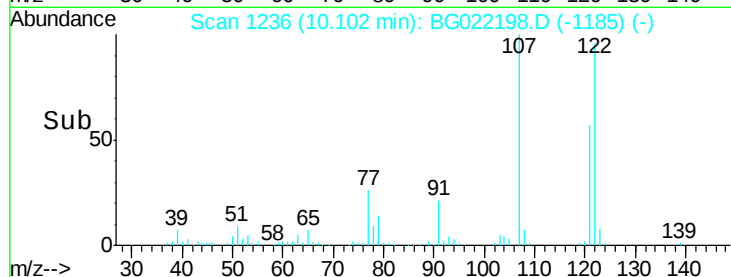
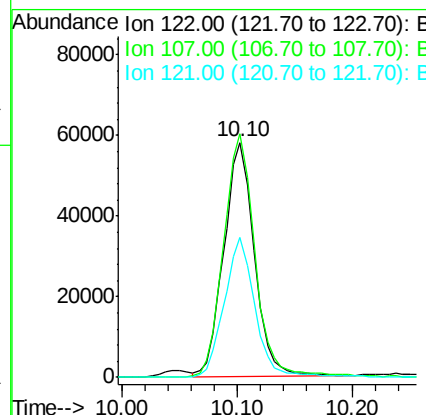
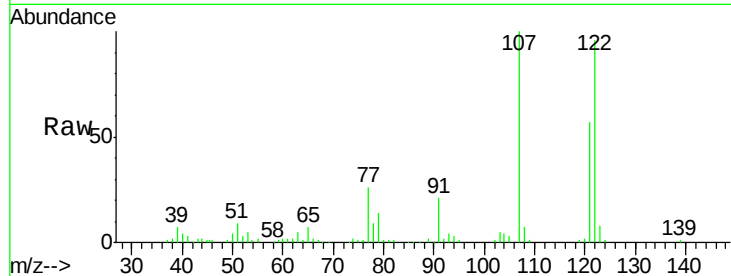
#27
 2,4-Dimethylphenol
 Concen: 52.09 ng
 RT: 10.10 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	105872		
107	103.7	97.2	145.8	
121	59.4	49.0	73.4	

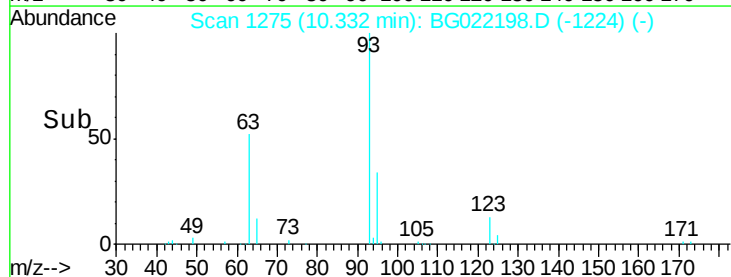
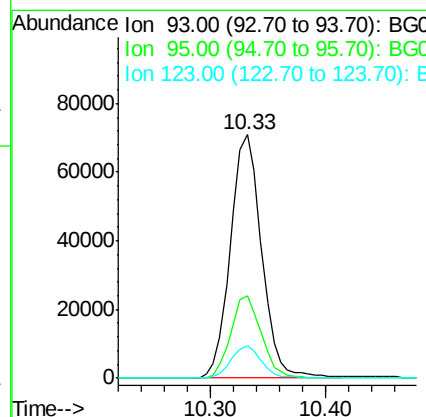
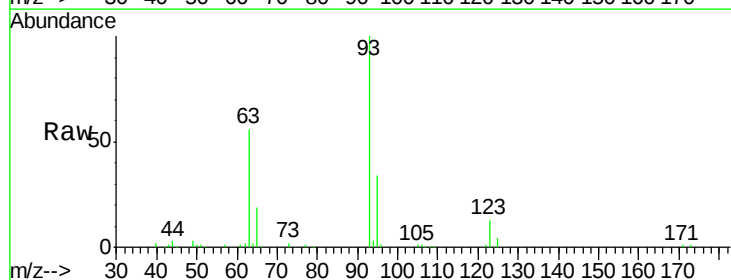
Manual Integrations
 APPROVED

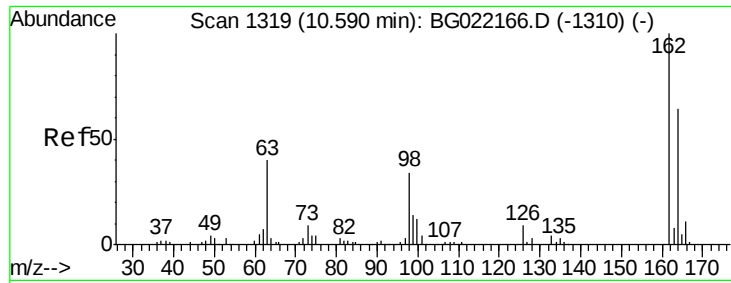
umangi
 6/7/2016 7:29:17 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.35 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	133435		
95	33.6	30.1	45.1	
123	13.1	10.2	15.4	





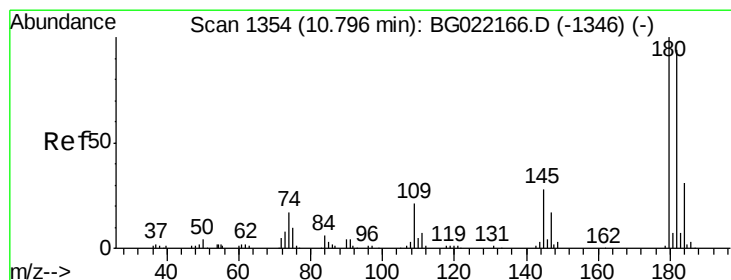
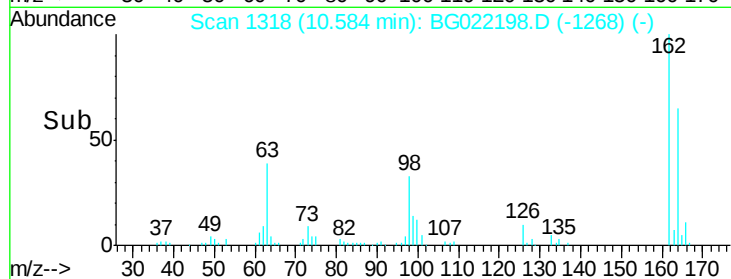
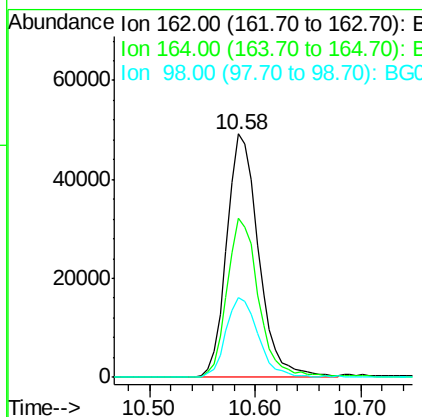
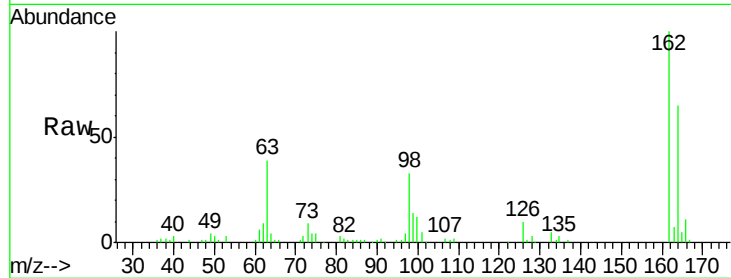
#29
 2,4-Dichlorophenol
 Concen: 54.72 ng
 RT: 10.58 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.3	44.9	84.9
98	33.0	19.2	59.2

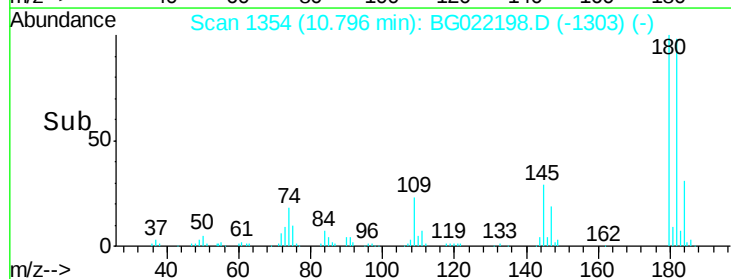
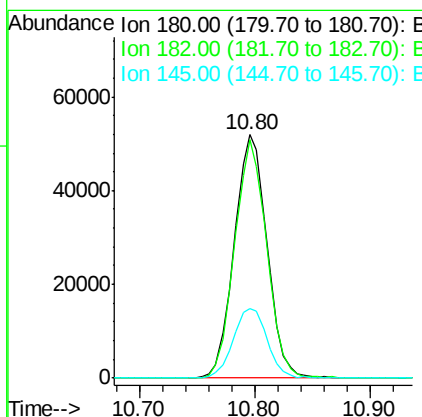
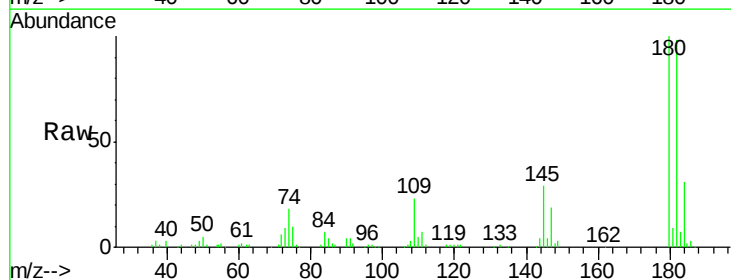
Manual Integrations
 APPROVED

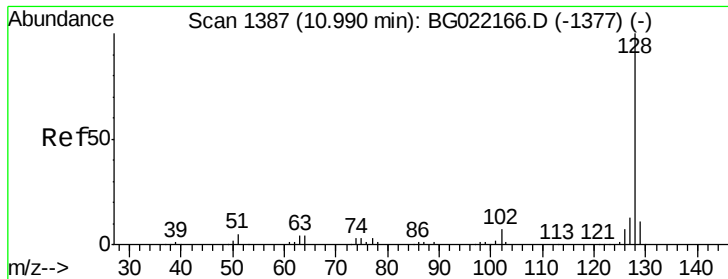
umangi
 6/7/2016 7:29:17 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 48.40 ng
 RT: 10.80 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.8	82.3	123.5
145	28.6	24.4	36.6





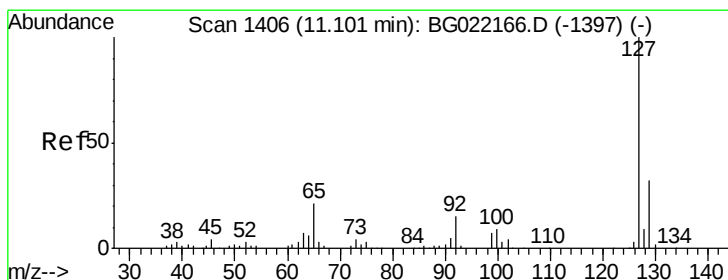
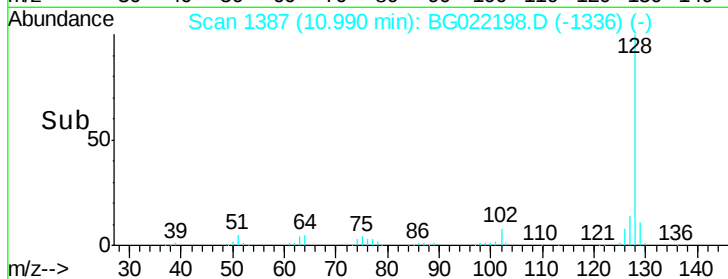
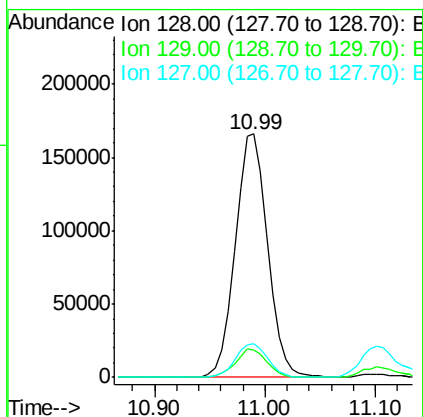
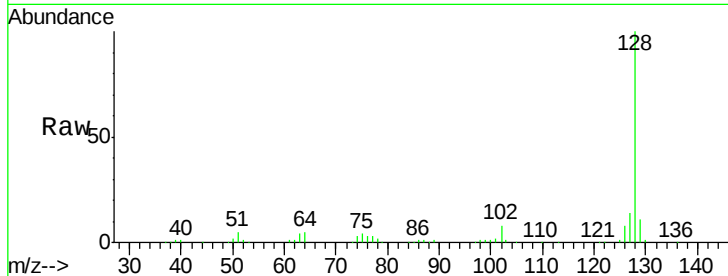
#31
Naphthalene
Concen: 47.60 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	341088		
129	11.0	7.0	10.6#	
127	14.0	10.1	15.1	

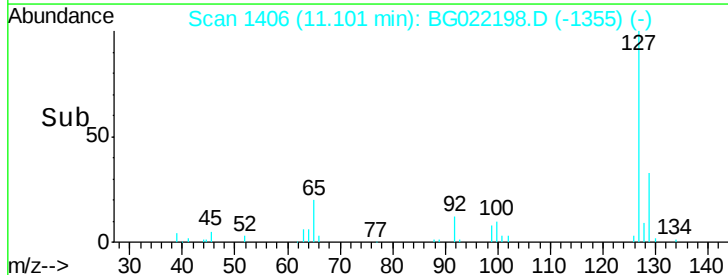
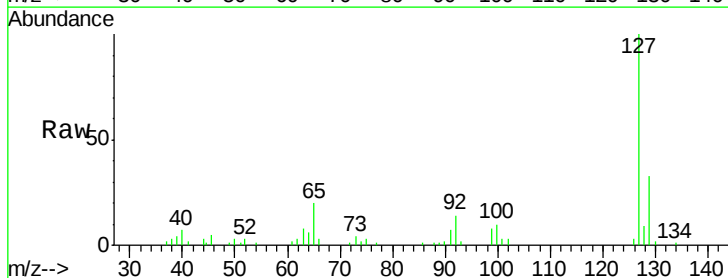
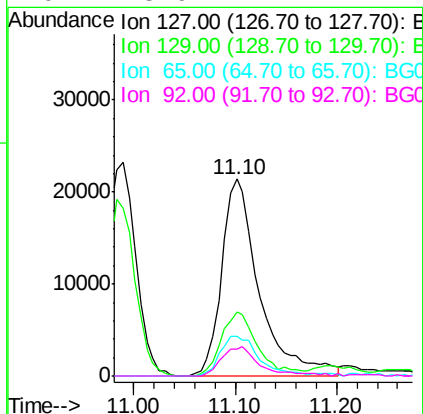
Manual Integrations
APPROVED

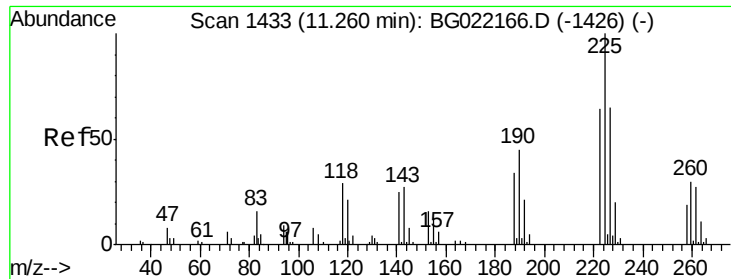
umangi
6/7/2016 7:29:17 PM



#33
4-Chloroaniline
Concen: 18.50 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	55123		
129	32.7	26.6	39.8	
65	19.9	27.5	41.3#	
92	13.9	14.7	22.1#	





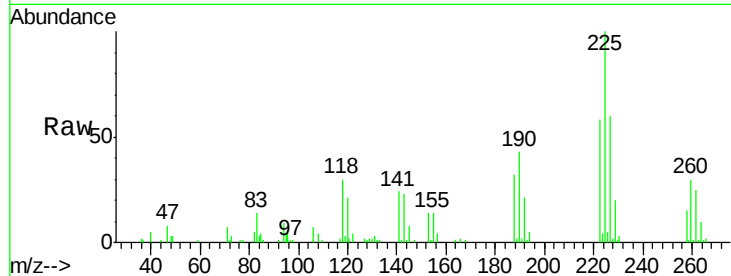
#34
Hexachlorobutadiene
Concen: 48.09 ng
RT: 11.26 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54310		
223	58.6	52.7	79.1	
227	59.6	49.7	74.5	

Manual Integrations
APPROVED

umangi
6/7/2016 7:29:17 PM

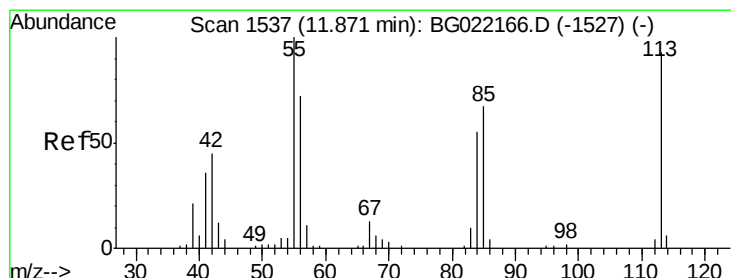
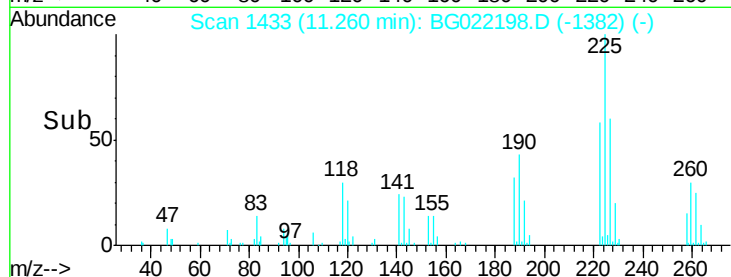
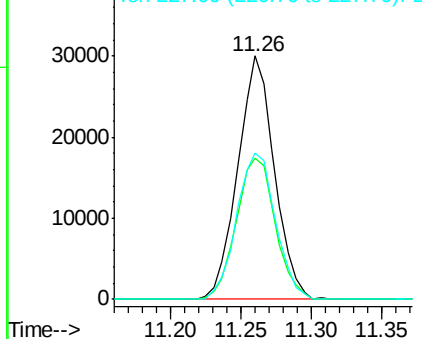


Abundance

Ion 225.00 (224.70 to 225.70): E

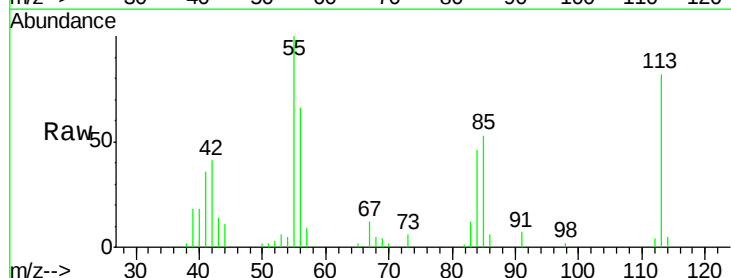
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 42.48 ng m
RT: 11.87 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	43872		
55	121.2	194.2	234.2#	
56	79.6	122.6	162.6#	

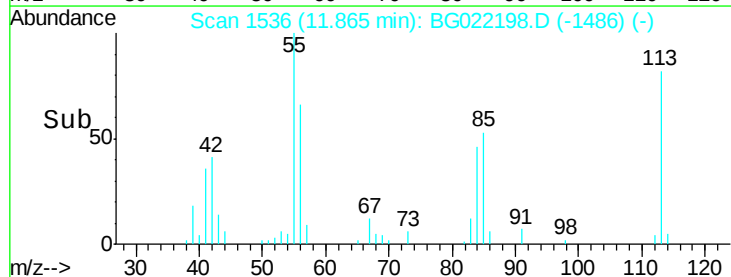
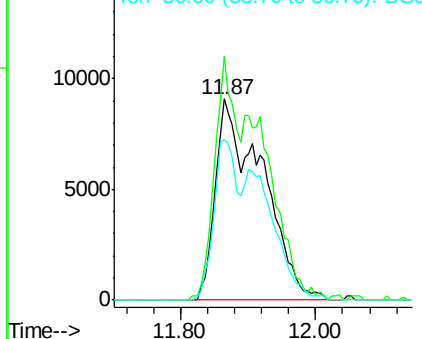


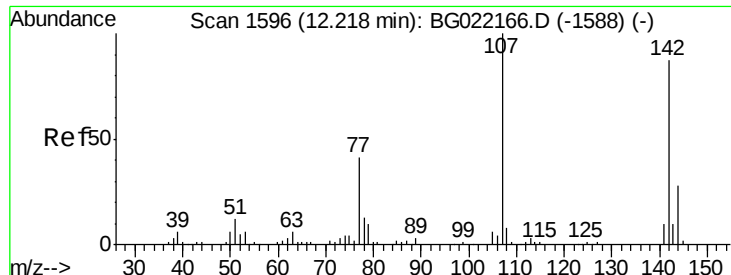
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0





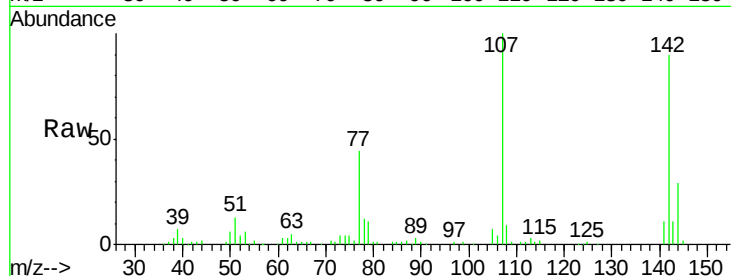
#36
 4-Chloro-3-methylphenol
 Concen: 50.92 ng
 RT: 12.22 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MS

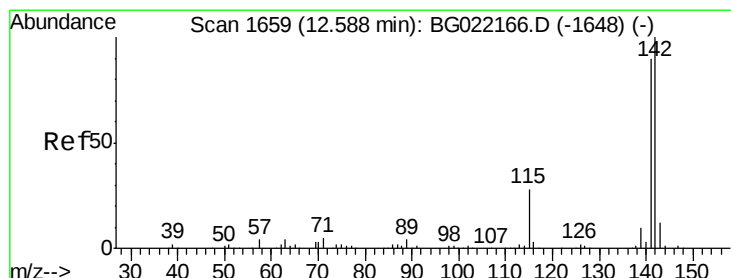
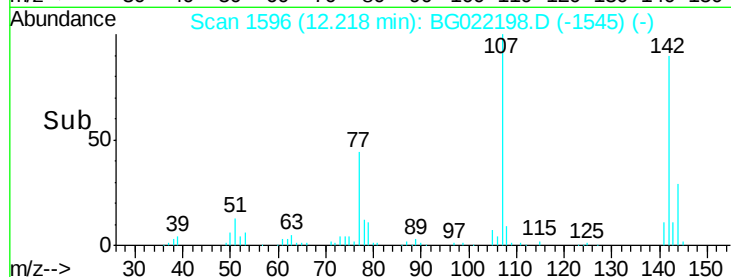
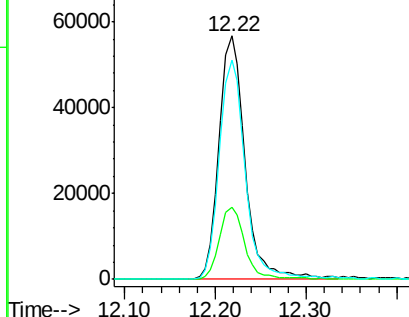
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	113637		
144	29.4	19.2	28.8#	
142	90.3	59.1	88.7#	

Manual Integrations
 APPROVED

umangi
 6/7/2016 7:29:17 PM

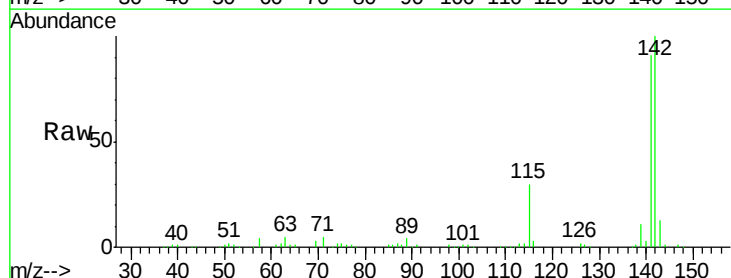


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

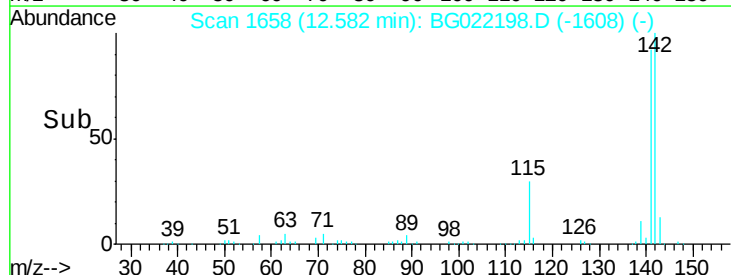
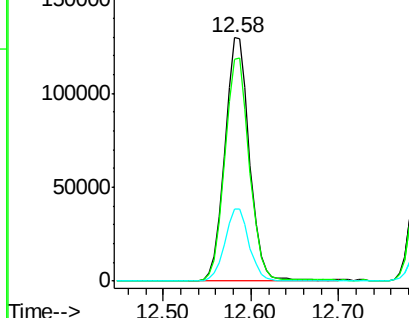


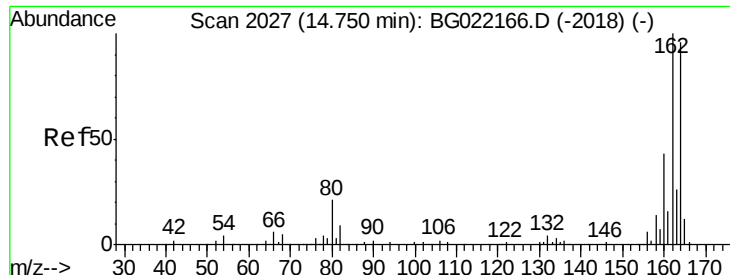
#37
 2-Methylnaphthalene
 Concen: 47.28 ng
 RT: 12.58 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	250112		
141	91.1	71.4	107.0	
115	29.7	27.4	41.2	



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BG022198.D

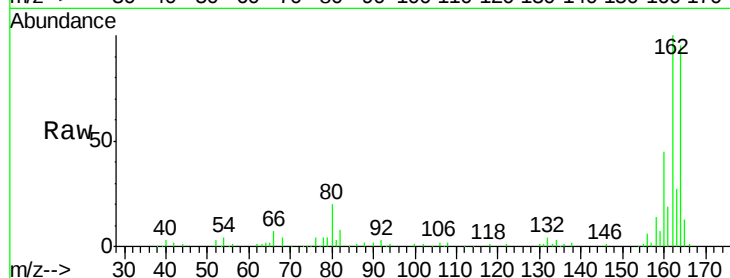
Acq: 7 Jun 2016 10:40

Instrument :

BNA_G

ClientSampleId :

CTM-2(7.5-10)MS



Tgt Ion:164 Resp: 86257

Ion Ratio Lower Upper

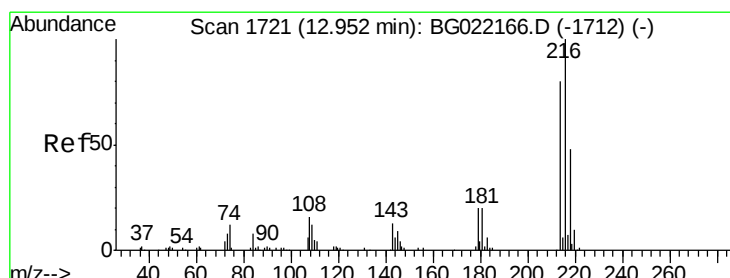
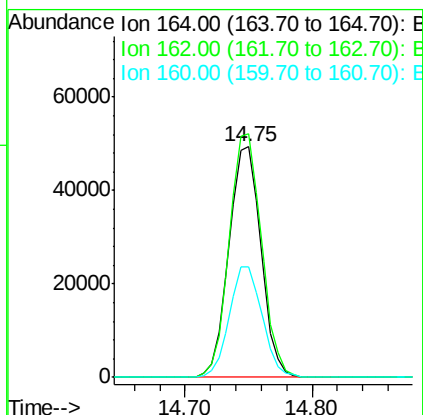
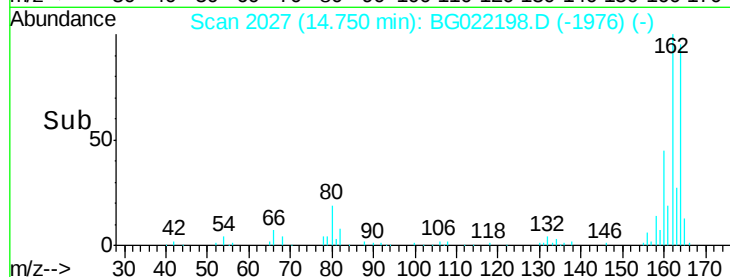
164 100

162 105.5 78.0 117.0

160 48.0 32.9 49.3

Manual Integrations
APPROVED

umangi
6/7/2016 7:29:17 PM



#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.86 ng

RT: 12.95 min Scan# 1720

Delta R.T. -0.01 min

Lab File: BG022198.D

Acq: 7 Jun 2016 10:40

Tgt Ion:216 Resp: 110700

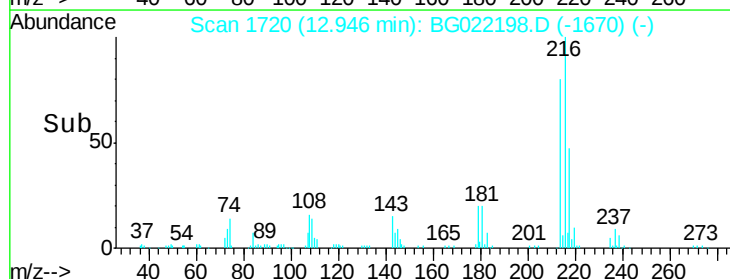
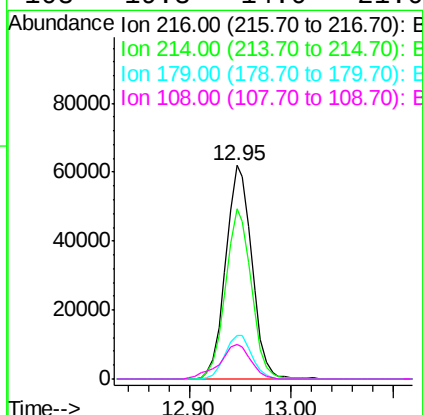
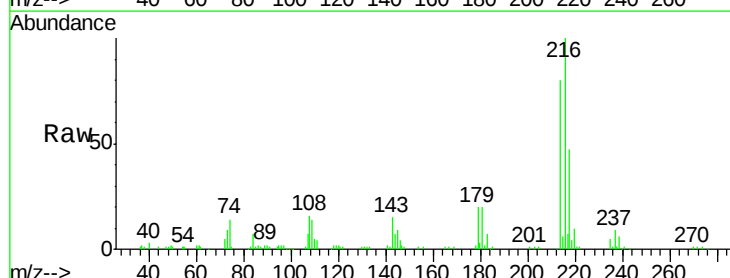
Ion Ratio Lower Upper

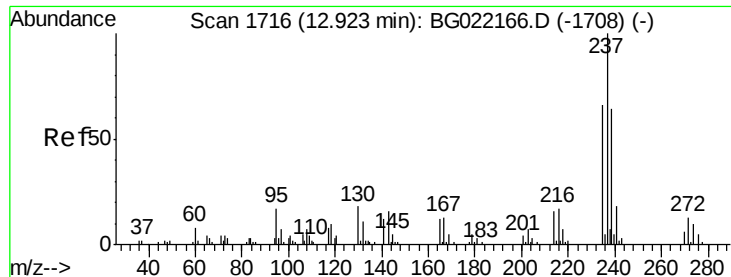
216 100

214 79.0 62.2 93.2

179 21.1 16.7 25.1

108 19.3 14.0 21.0





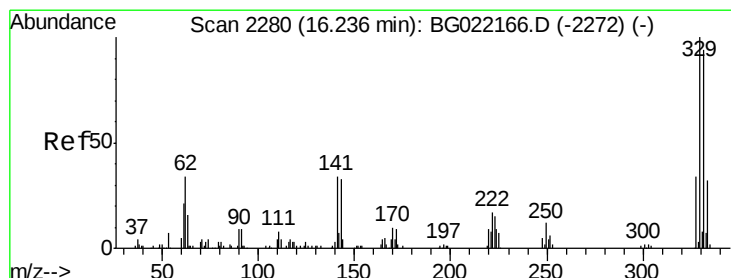
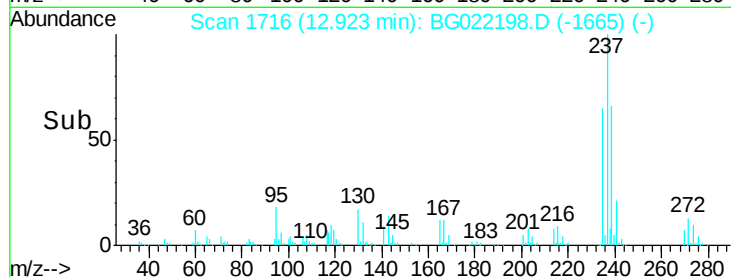
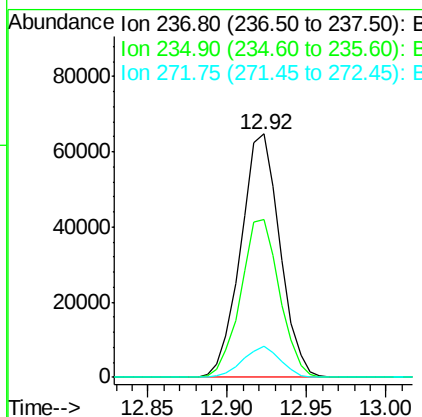
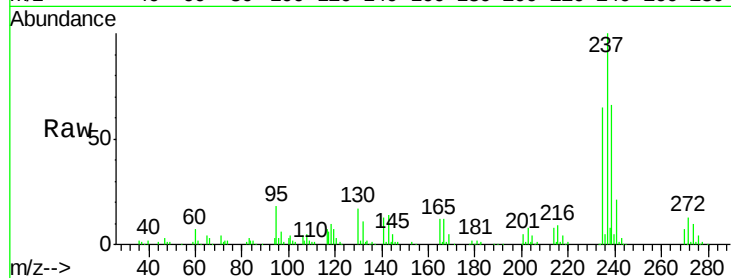
#40
Hexachlorocyclopentadiene
Concen: 96.73 ng
RT: 12.92 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.8	43.2	83.2
272	12.7	0.0	33.4

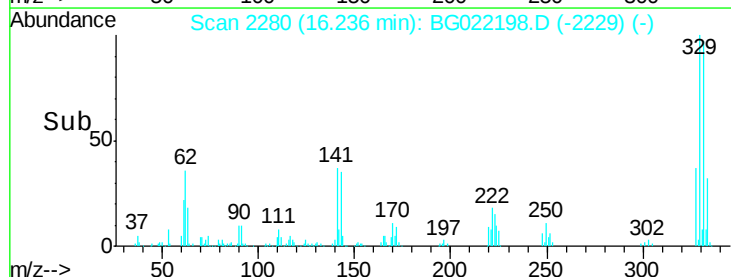
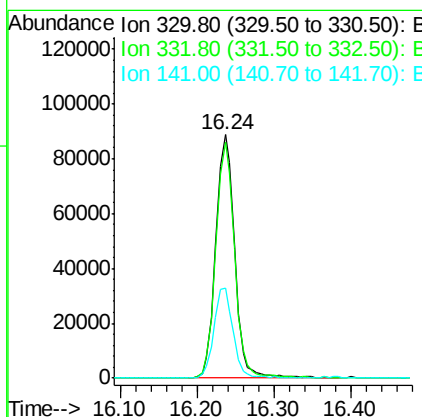
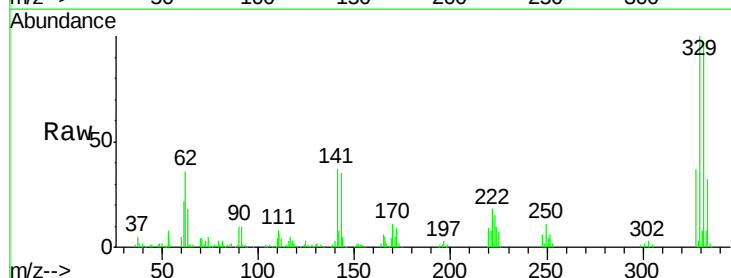
Manual Integrations
APPROVED

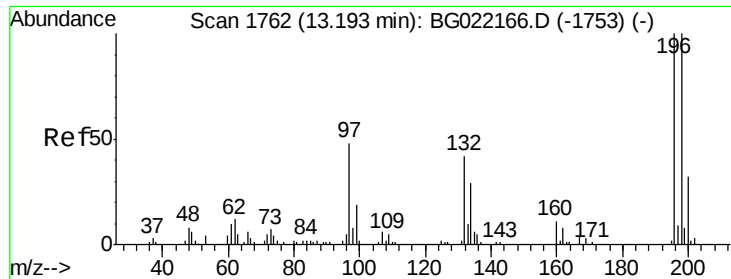
umangi
6/7/2016 7:29:17 PM



#41
2,4,6-Tribromophenol
Concen: 153.66 ng
RT: 16.24 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.2	78.0	117.0
141	37.3	33.8	50.8





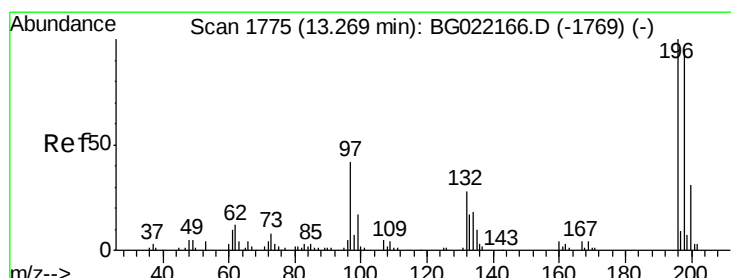
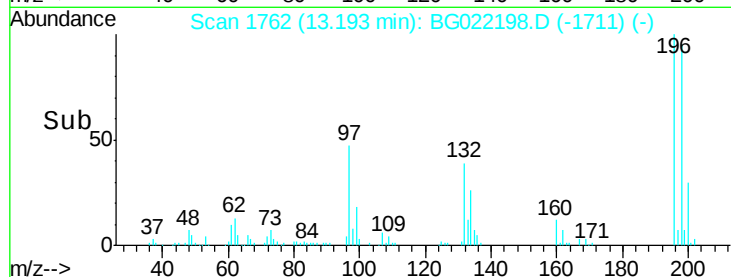
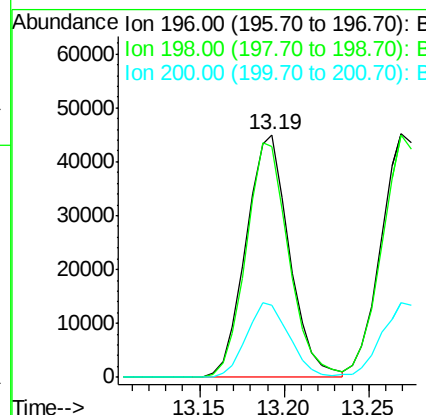
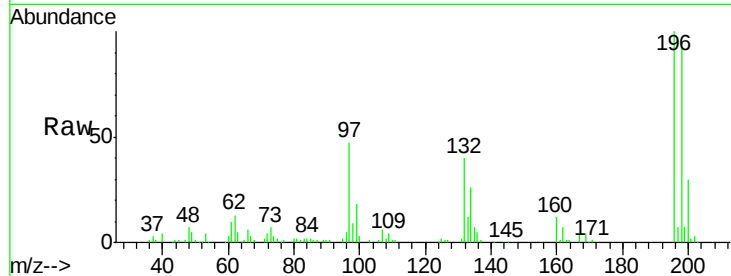
#42
2,4,6-Trichlorophenol
Concen: 53.88 ng
RT: 13.19 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	80252		
198	95.0	80.1	120.1	
200	29.8	24.1	36.1	

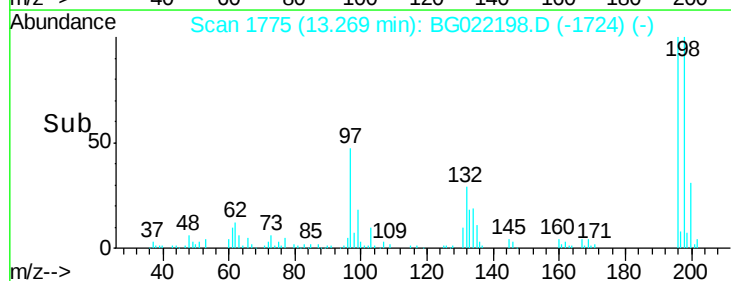
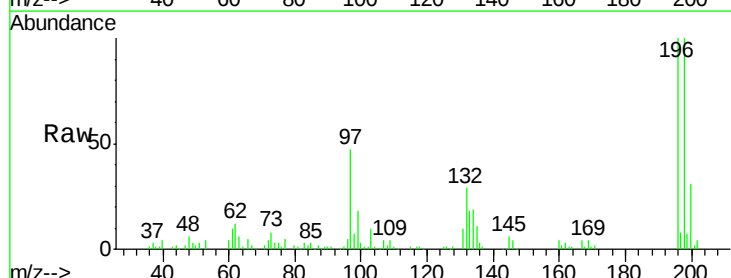
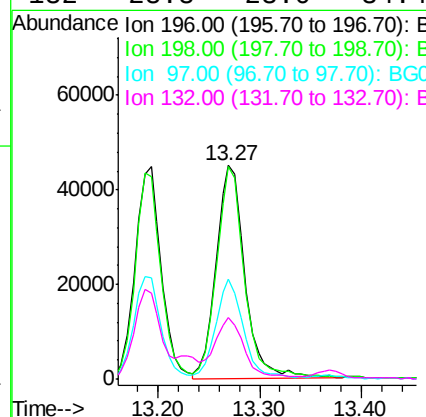
Manual Integrations
APPROVED

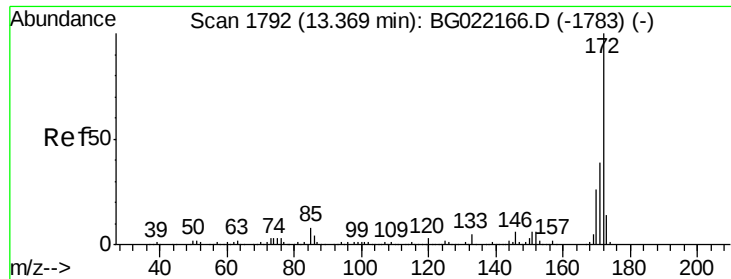
umangi
6/7/2016 7:29:17 PM



#43
2,4,5-Trichlorophenol
Concen: 53.71 ng
RT: 13.27 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	88383		
198	99.5	78.0	117.0	
97	46.6	43.0	64.6	
132	28.8	23.0	34.4	





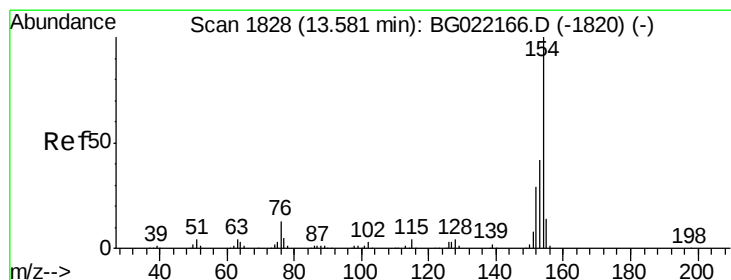
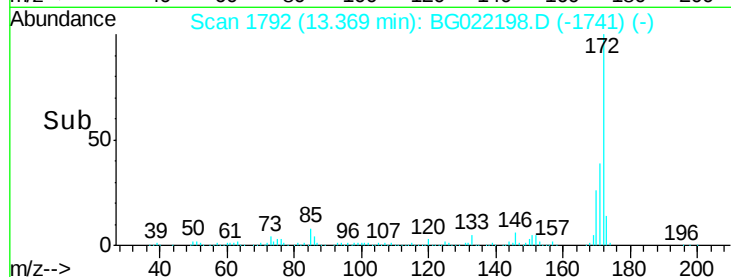
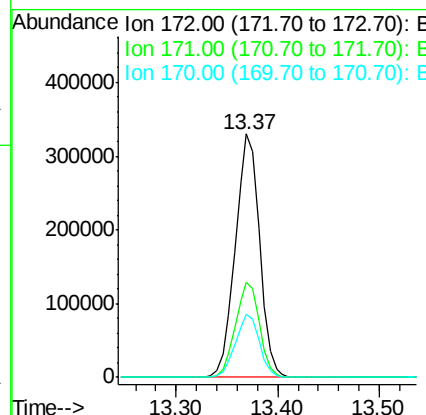
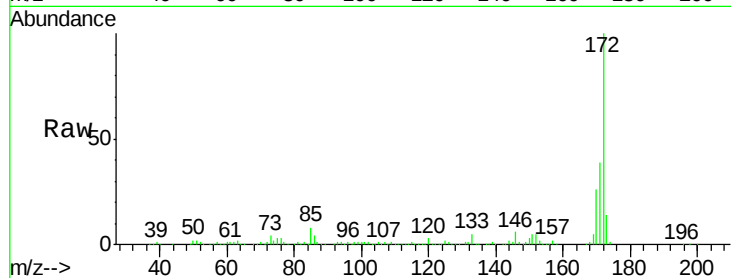
#44
2-Fluorobiphenyl
Concen: 96.81 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	38.9	27.8	41.6
170	25.9	19.6	29.4

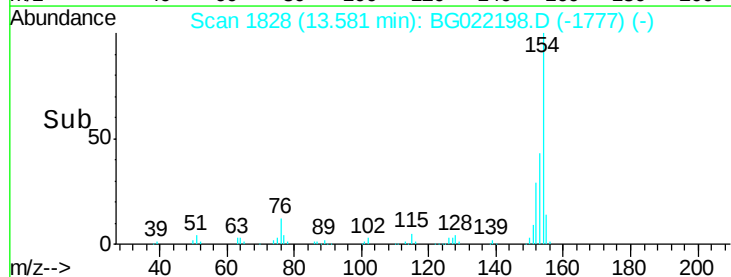
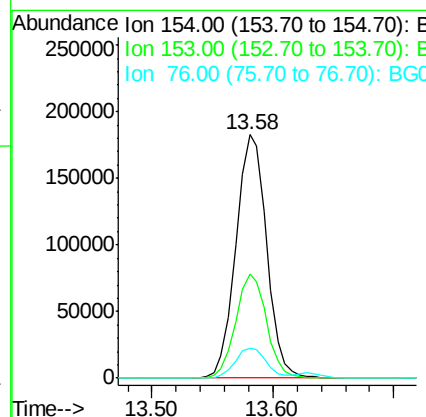
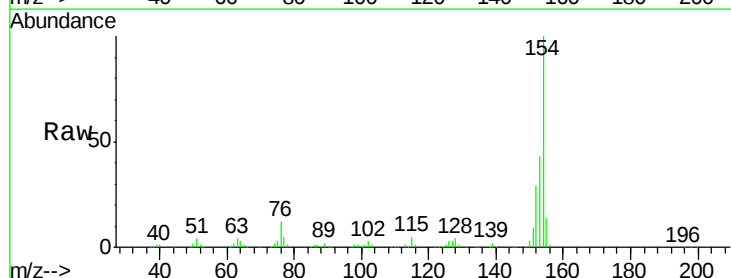
Manual Integrations
APPROVED

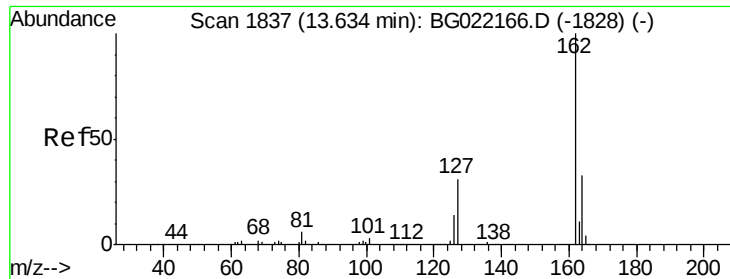
umangi
6/7/2016 7:29:17 PM



#45
1,1'-Biphenyl
Concen: 49.97 ng
RT: 13.58 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	42.7	19.7	59.7
76	12.4	0.0	33.0





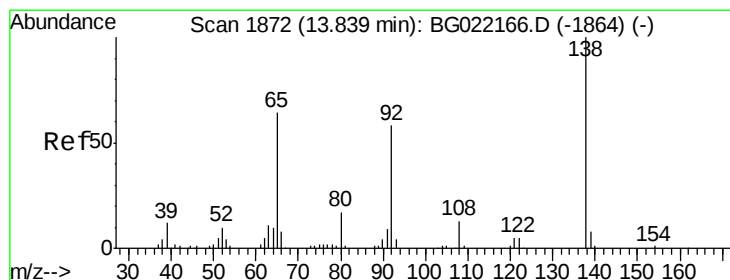
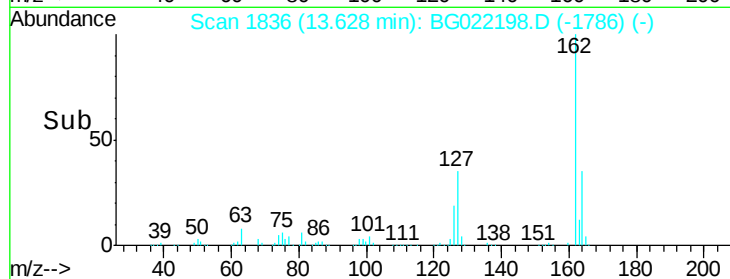
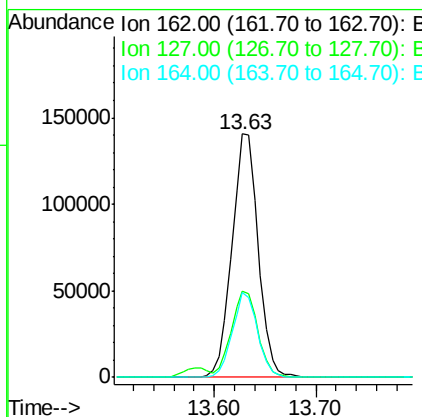
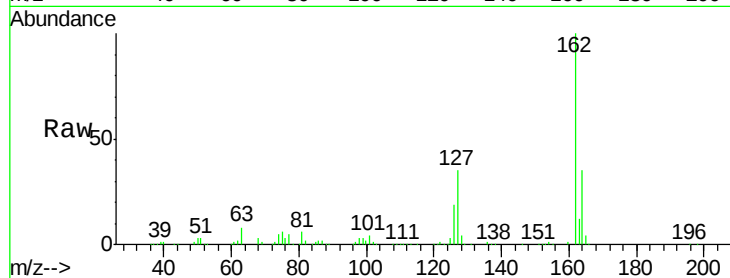
#46
 2-Chloronaphthalene
 Concen: 50.80 ng
 RT: 13.63 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	252773		
127	35.4	32.0	48.0	
164	35.1	27.0	40.4	

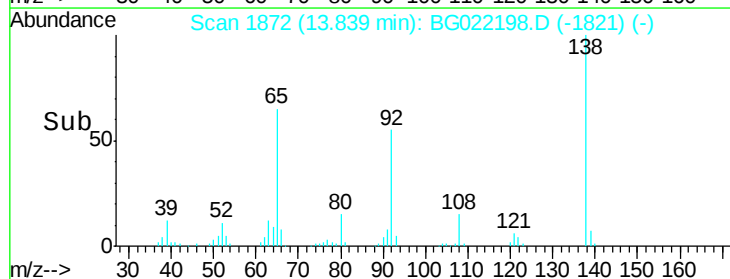
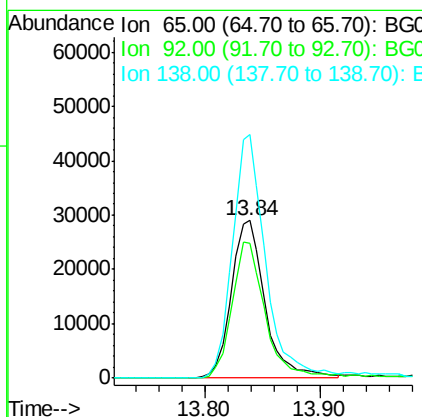
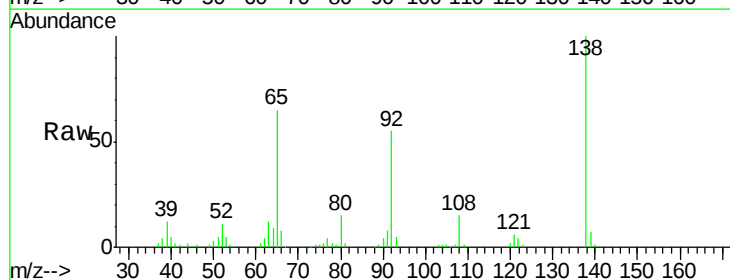
Manual Integrations
 APPROVED

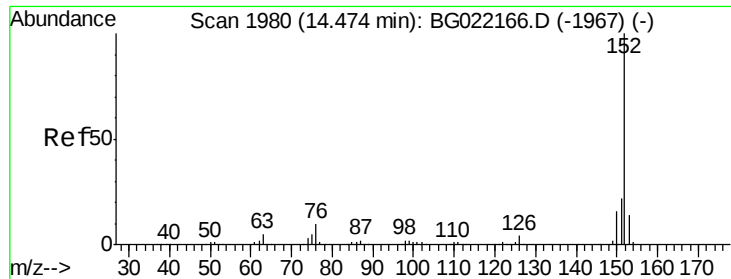
umangi
 6/7/2016 7:29:17 PM



#47
 2-Nitroaniline
 Concen: 49.56 ng
 RT: 13.84 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	58806		
92	85.3	49.2	73.8#	
138	154.7	75.0	112.6#	





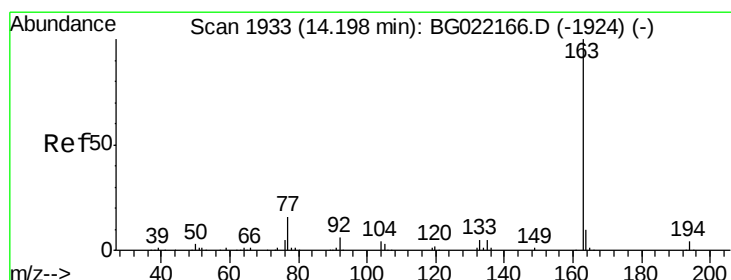
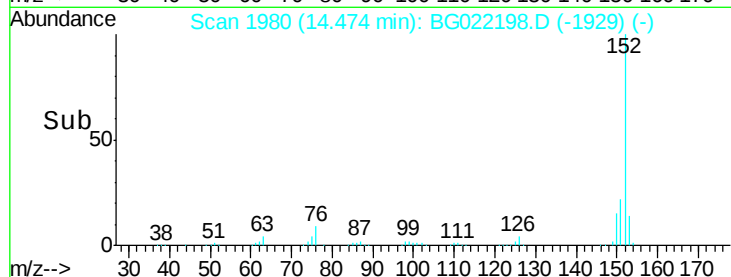
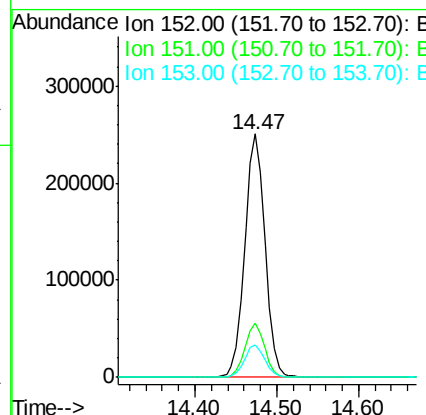
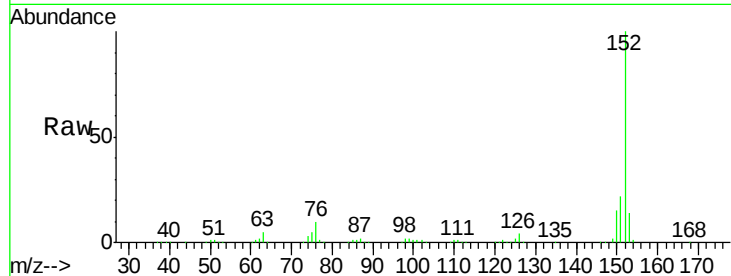
#48
Acenaphthylene
Concen: 49.45 ng
RT: 14.47 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	431745		
151	22.3	16.6	24.8	
153	13.6	10.2	15.2	

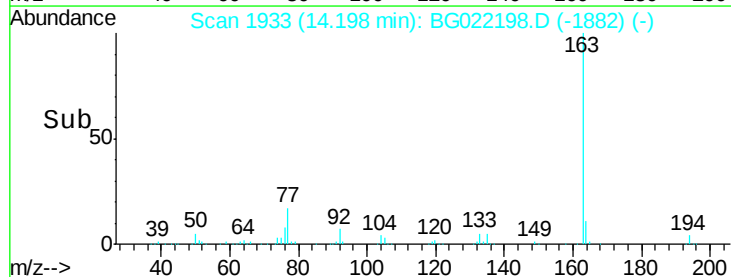
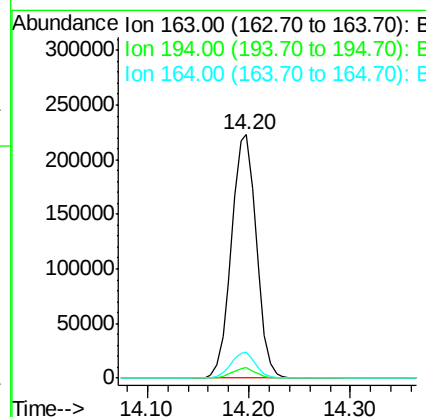
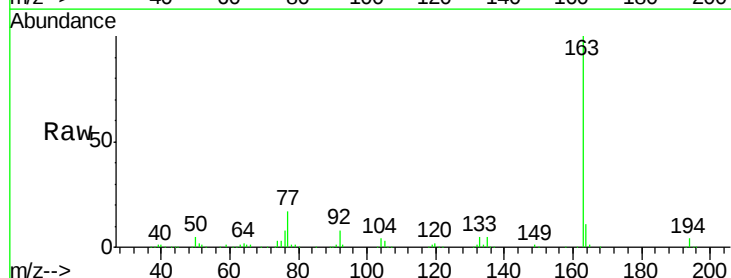
Manual Integrations
APPROVED

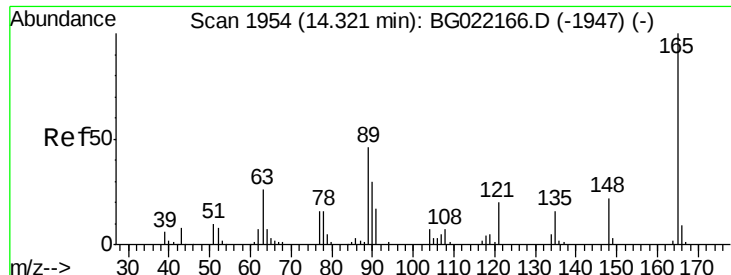
umangi
6/7/2016 7:29:17 PM



#49
Dimethylphthalate
Concen: 53.04 ng
RT: 14.20 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	379310		
194	4.3	3.0	4.6	
164	10.8	8.1	12.1	





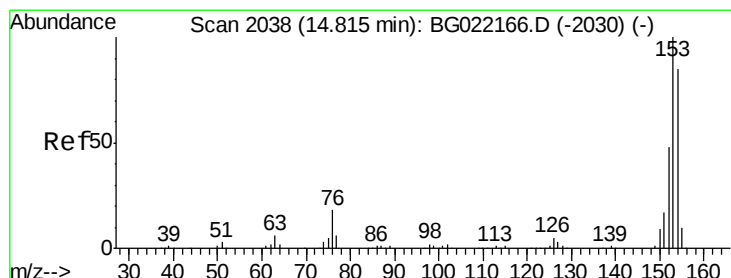
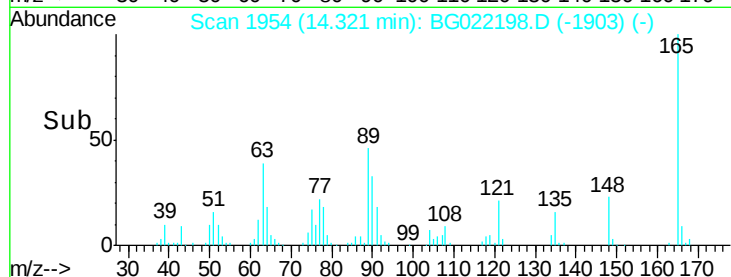
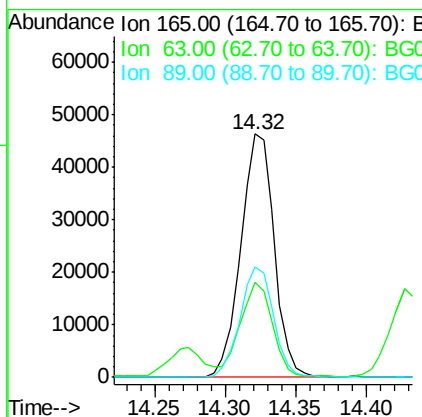
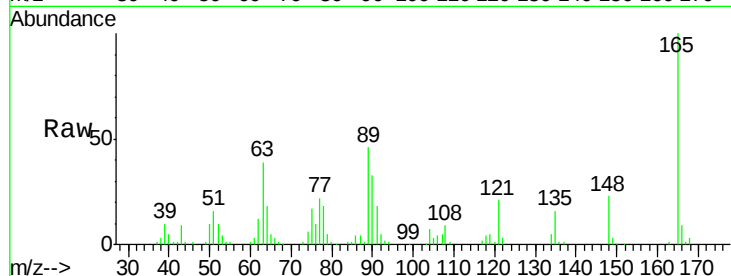
#50
2,6-Dinitrotoluene
Concen: 49.30 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	76645		
63	39.3	48.2	72.4#	
89	45.6	45.3	67.9	

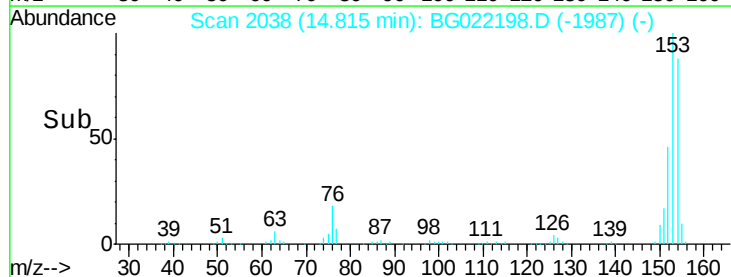
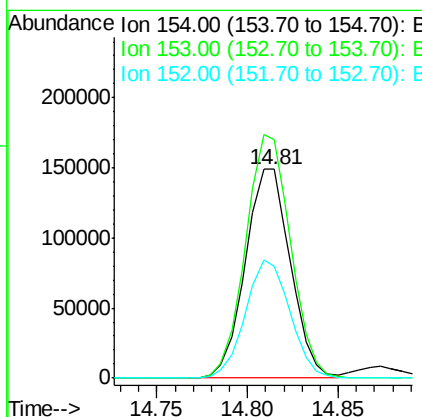
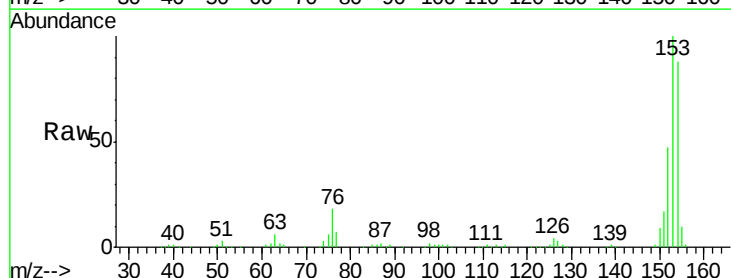
Manual Integrations
APPROVED

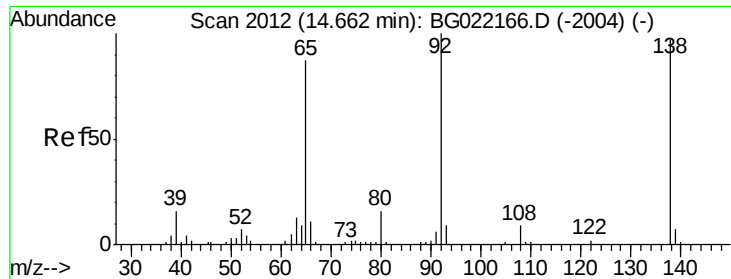
umangi
6/7/2016 7:29:17 PM



#51
Acenaphthene
Concen: 49.34 ng
RT: 14.81 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	258084		
153	114.1	91.9	137.9	
152	53.8	42.0	63.0	





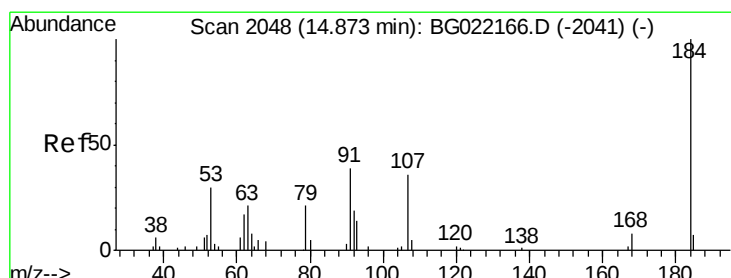
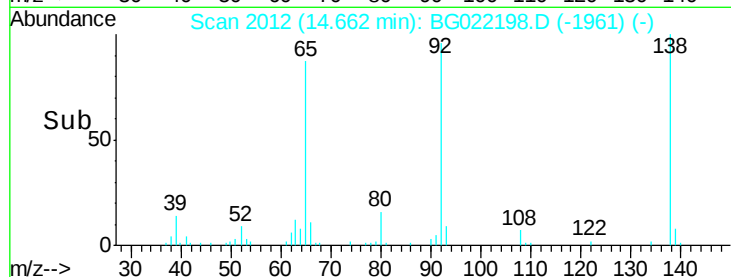
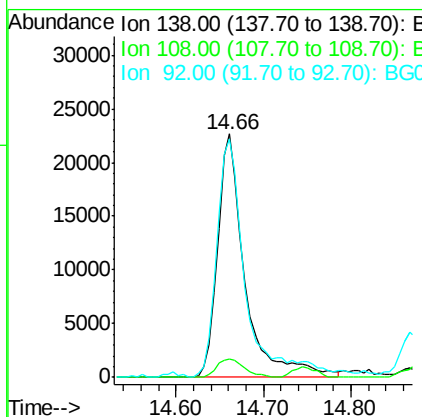
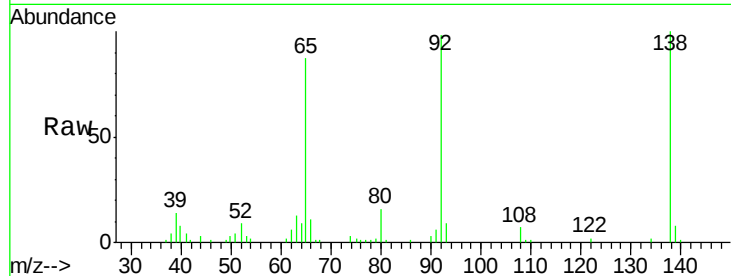
#52
3-Nitroaniline
Concen: 28.36 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	7.5	9.1	13.7#
92	97.7	102.6	154.0#

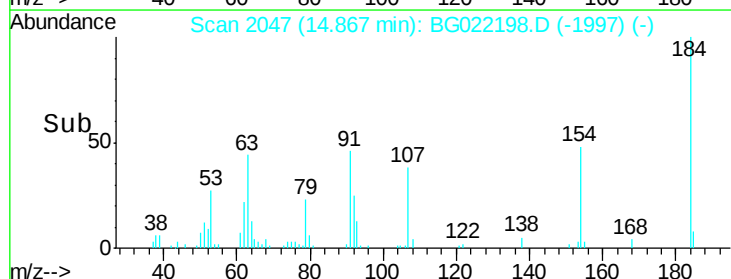
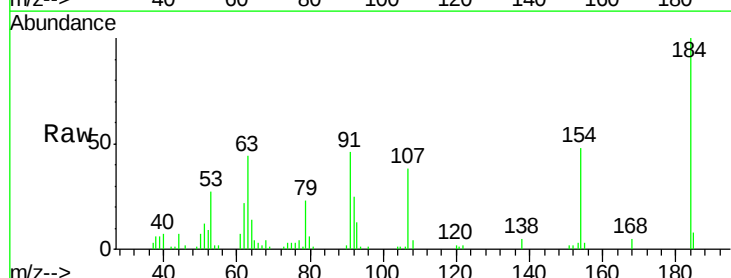
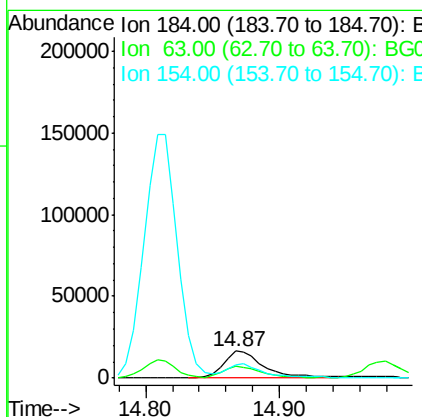
Manual Integrations
APPROVED

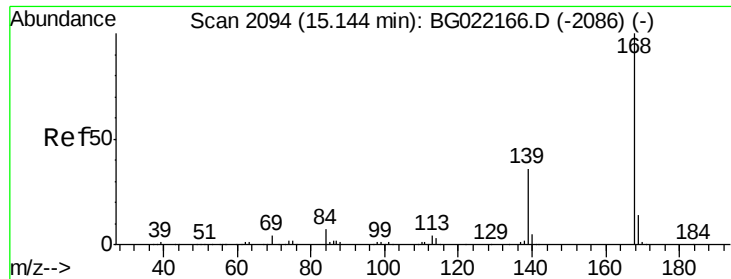
umangi
6/7/2016 7:29:17 PM



#53
2,4-Dinitrophenol
Concen: 58.61 ng
RT: 14.87 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	43.5	57.3	85.9#
154	48.3	55.2	82.8#





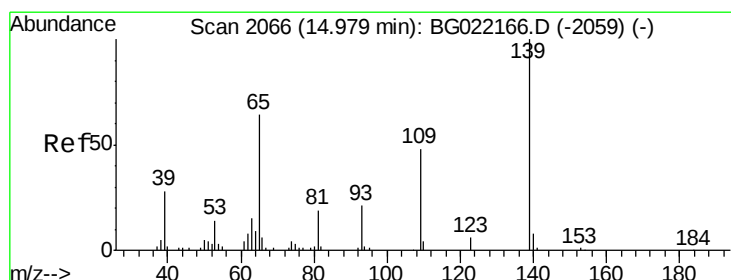
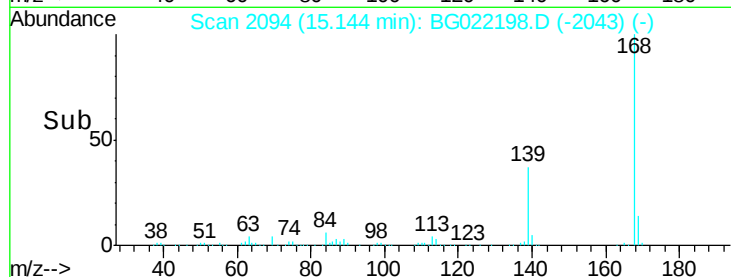
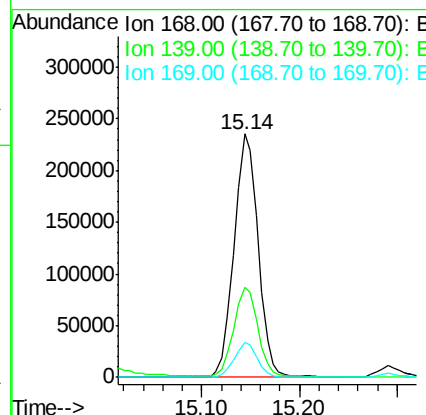
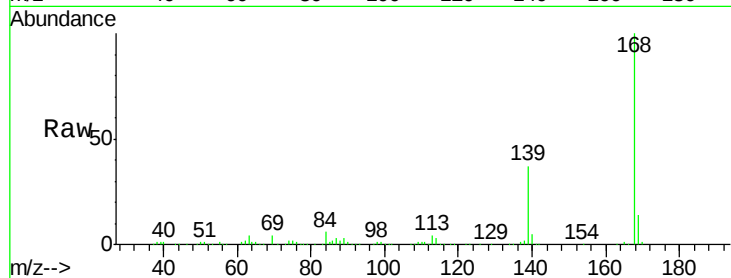
#54
Dibenzenofuran
Concen: 49.38 ng
RT: 15.14 min Scan# 2094
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	403143		
139	37.2	31.1	46.7	
169	14.1	11.0	16.6	

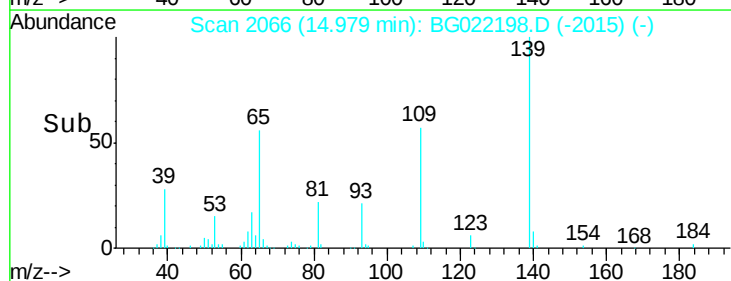
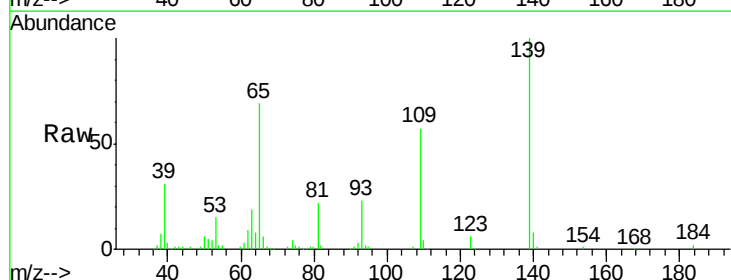
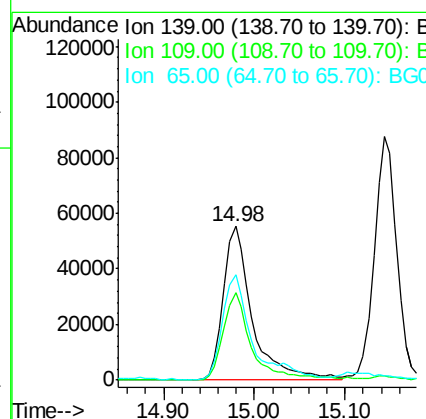
Manual Integrations
APPROVED

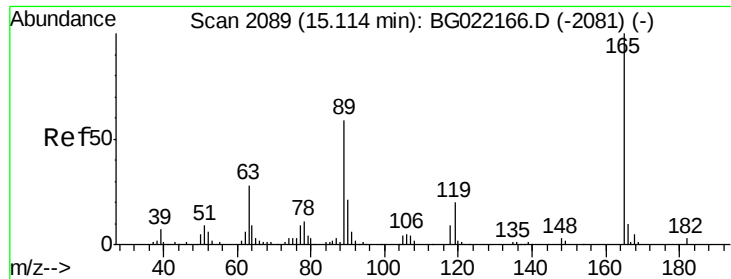
umangi
6/7/2016 7:29:17 PM



#55
4-Nitrophenol
Concen: 103.39 ng
RT: 14.98 min Scan# 2066
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	123042		
109	56.6	49.2	89.2	
65	68.8	83.2	123.2#	





#56

2,4-Dinitrotoluene

Concen: 50.65 ng

RT: 15.11 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BG022198.D

Acq: 7 Jun 2016 10:40

Instrument :

BNA_G

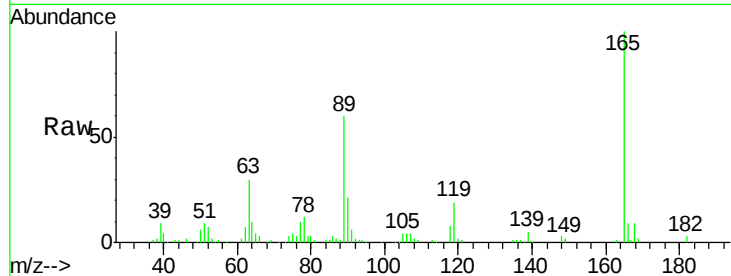
ClientSampleId :

CTM-2(7.5-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	105621		
63	29.8	37.4	56.0	#
89	60.5	59.4	89.0	
182	2.7	2.1	3.1	

Manual Integrations
APPROVED

umangi
6/7/2016 7:29:17 PM

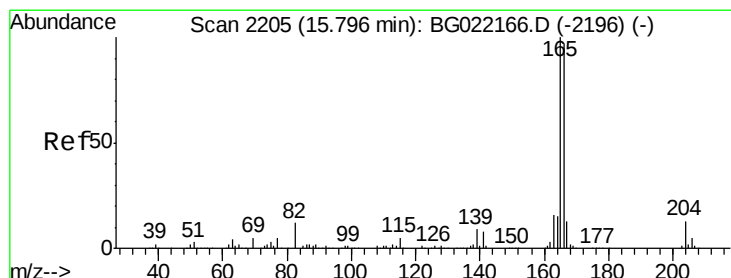
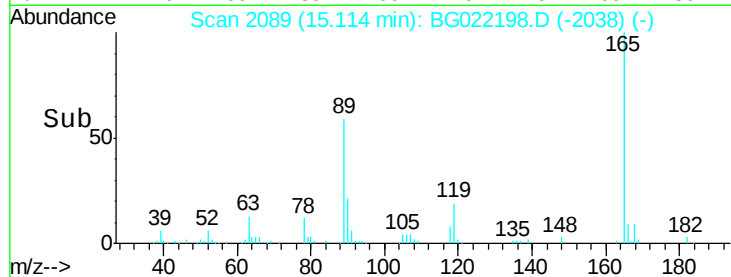
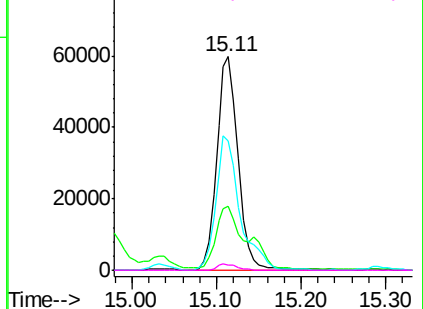


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 48.31 ng

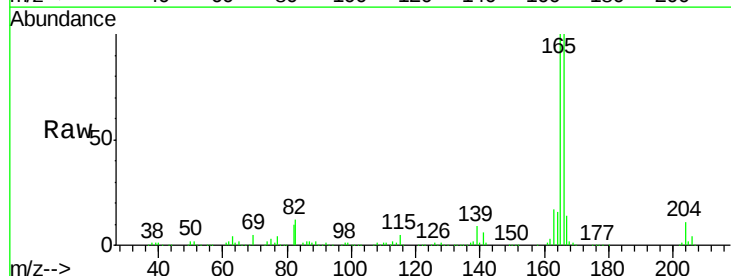
RT: 15.80 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG022198.D

Acq: 7 Jun 2016 10:40

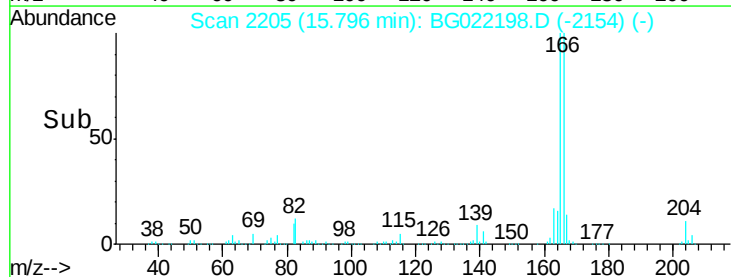
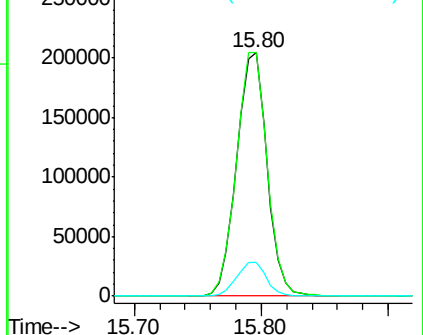
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	339698		
165	99.9	79.0	118.4	
167	13.6	10.7	16.1	

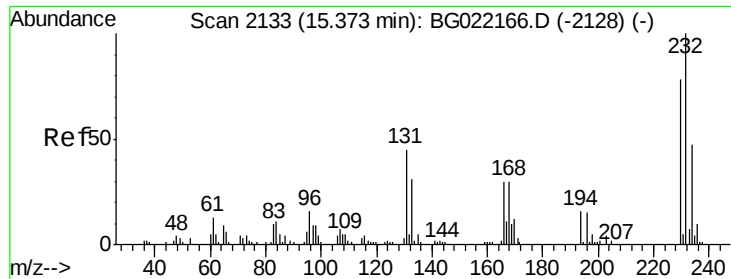


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





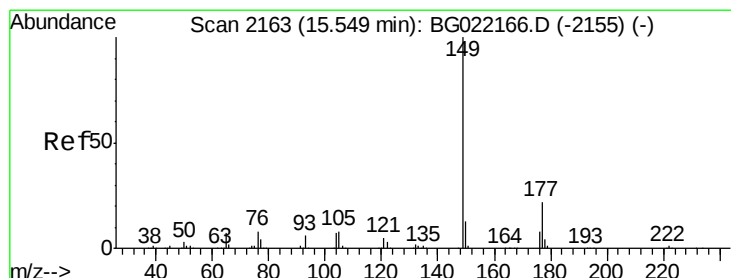
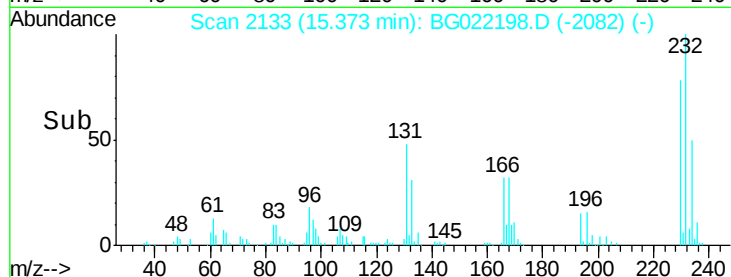
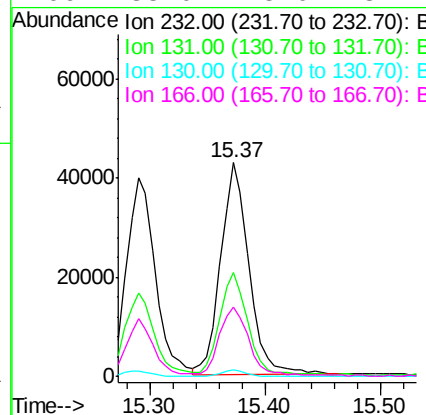
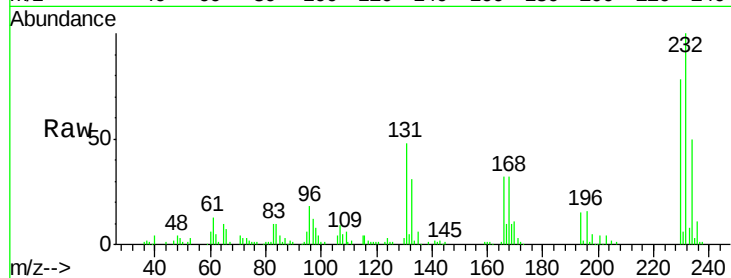
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.98 ng
 RT: 15.37 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MS

Tgt Ion:	232	Resp:	72299
Ion Ratio	Lower	Upper	
232	100		
131	46.5	36.3	54.5
130	2.5	1.9	2.9
166	33.0	25.0	37.4

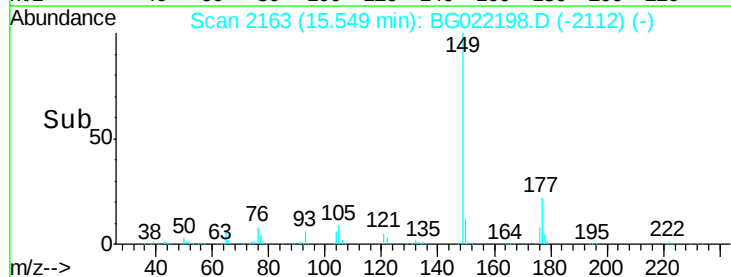
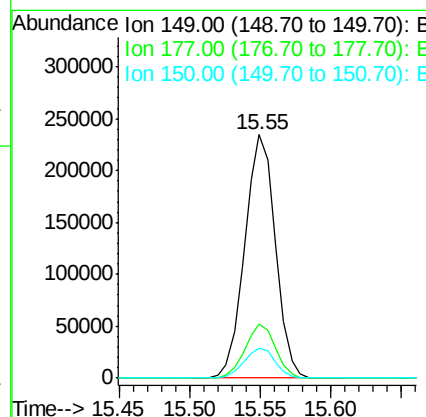
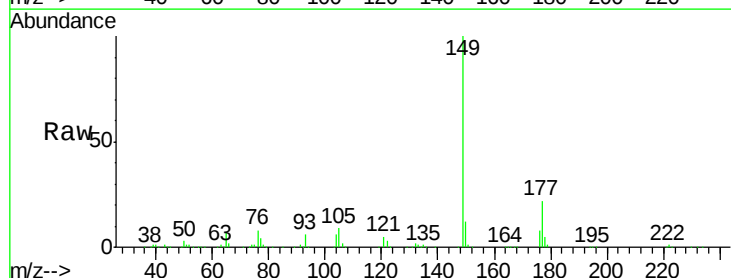
Manual Integrations
 APPROVED

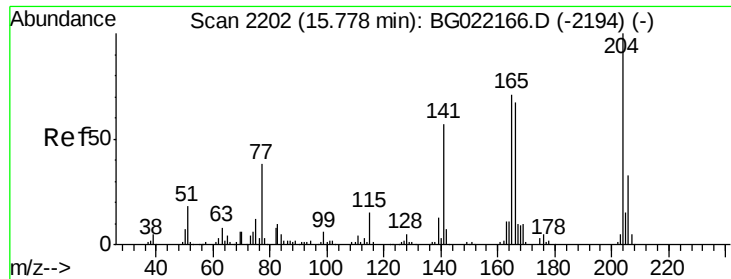
umangi
 6/7/2016 7:29:17 PM



#59
 Diethylphthalate
 Concen: 46.54 ng
 RT: 15.55 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

Tgt Ion:	149	Resp:	355560
Ion Ratio	Lower	Upper	
149	100		
177	22.3	17.3	25.9
150	12.4	9.7	14.5





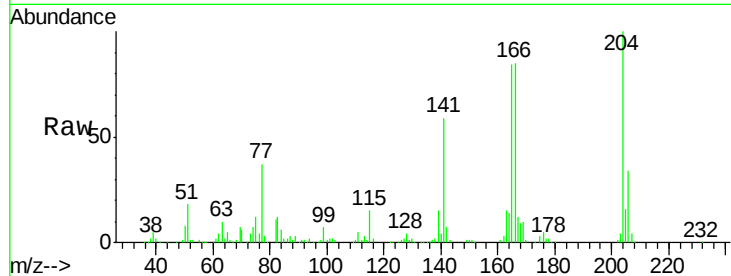
#60
 4-Chlorophenyl-phenylether
 Concen: 49.17 ng
 RT: 15.78 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MS

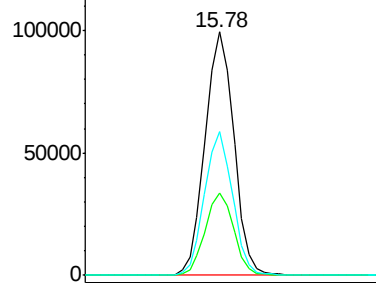
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	27.8	41.8
141	58.9	51.0	76.4

Manual Integrations
 APPROVED

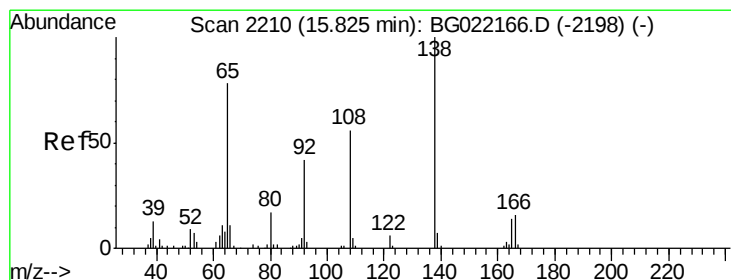
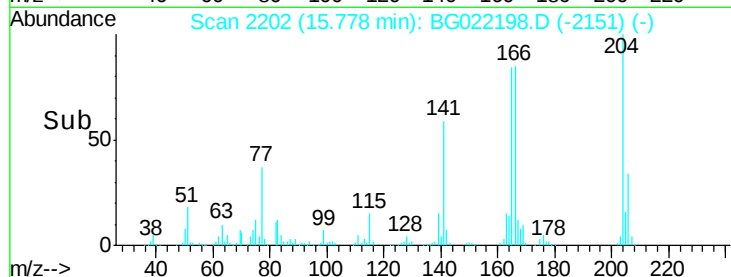
umangi
 6/7/2016 7:29:17 PM



Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

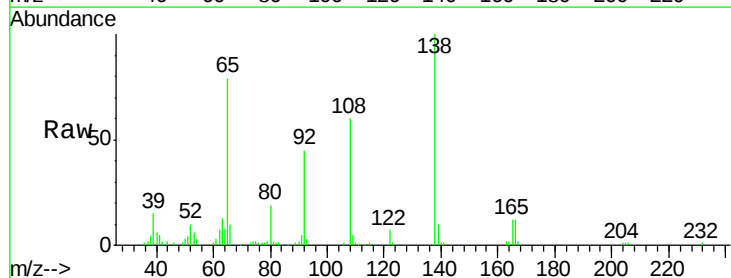


Time-->

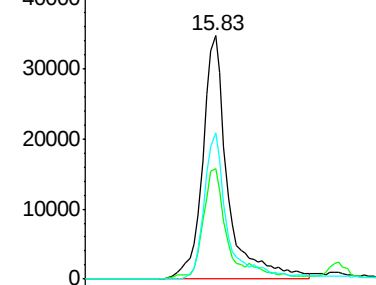


#61
 4-Nitroaniline
 Concen: 45.81 ng
 RT: 15.83 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

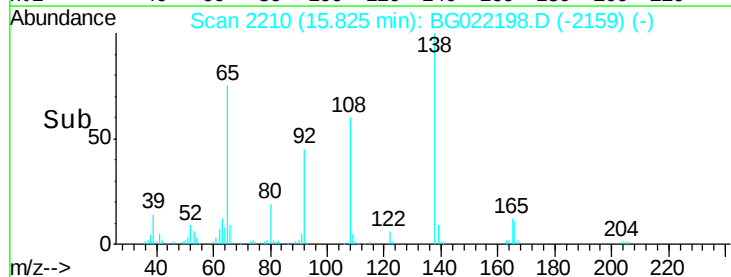
Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.3	37.7	77.7
108	60.0	59.4	99.4

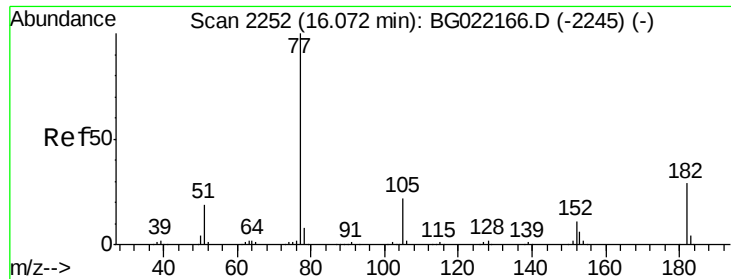


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E



Time-->





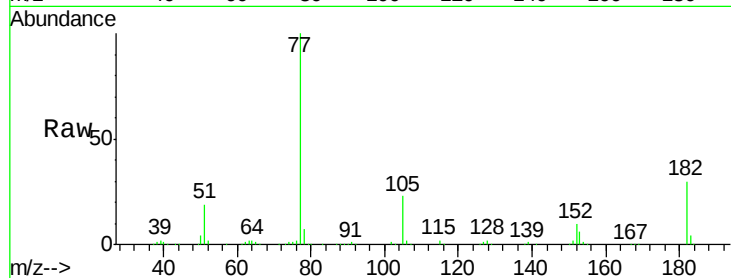
#62
Azobenzene
Concen: 49.33 ng
RT: 16.07 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MS

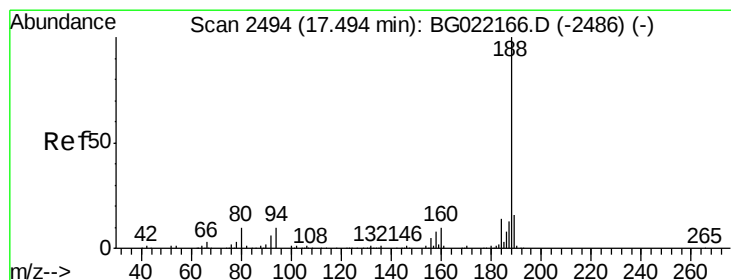
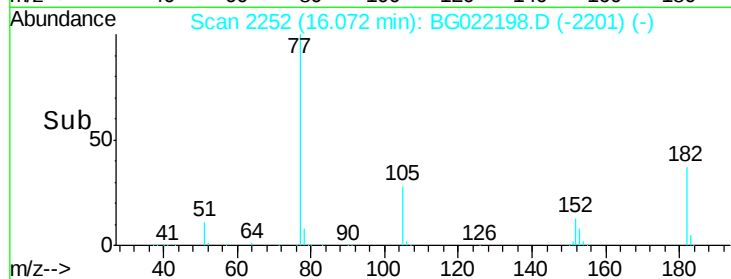
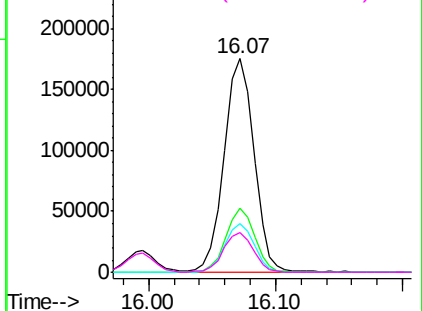
Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.7	4.1	44.1
105	22.7	0.0	39.8
51	18.6	11.1	51.1

Manual Integrations
APPROVED

umangi
6/7/2016 7:29:17 PM



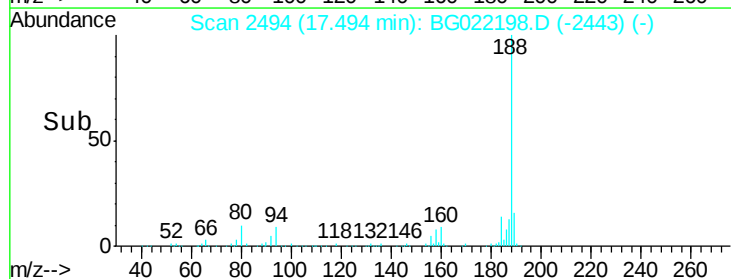
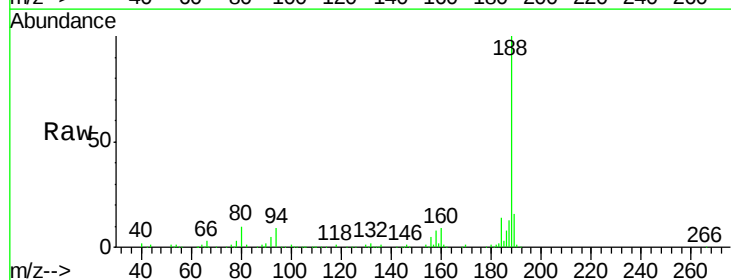
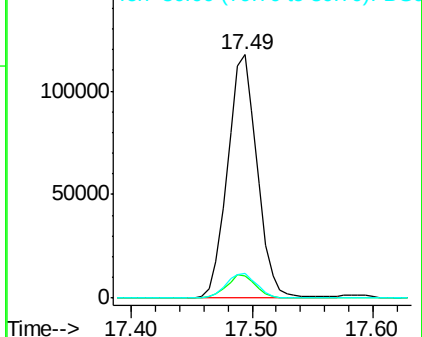
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

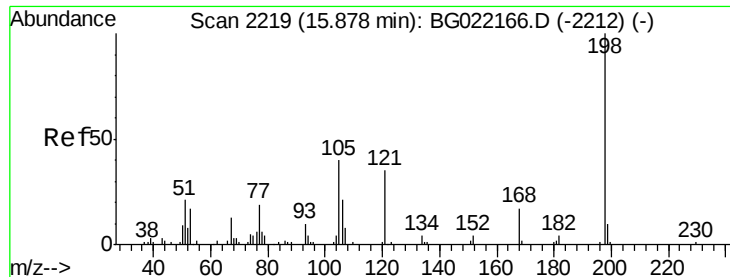


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	10.2	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





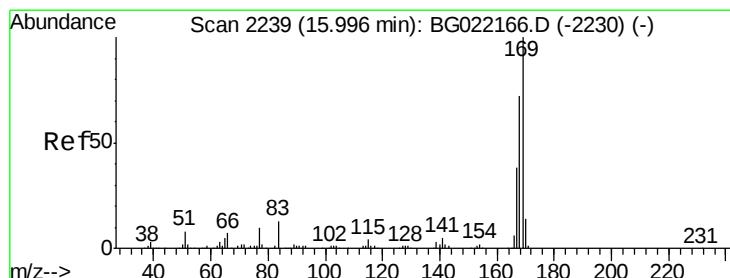
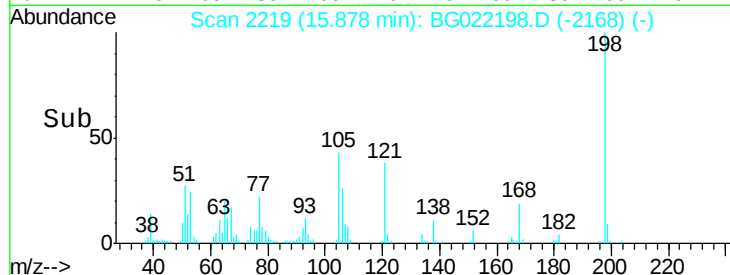
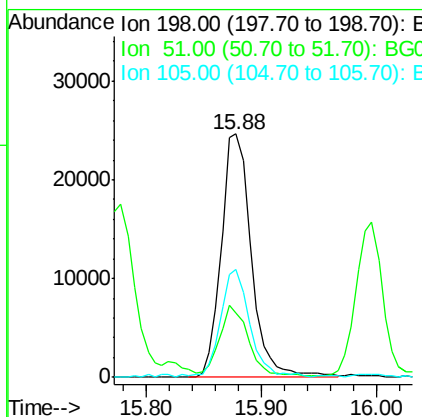
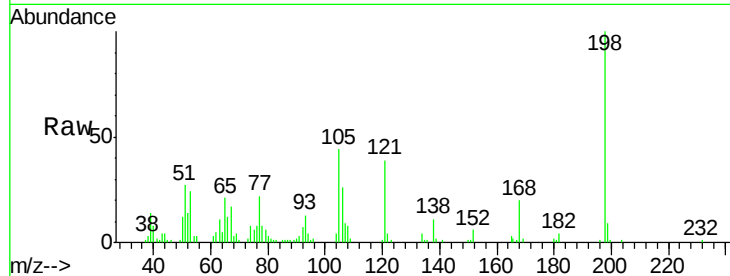
#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.14 ng
 RT: 15.88 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	44528		
51	26.7	29.2	69.2#	
105	44.2	24.0	64.0	

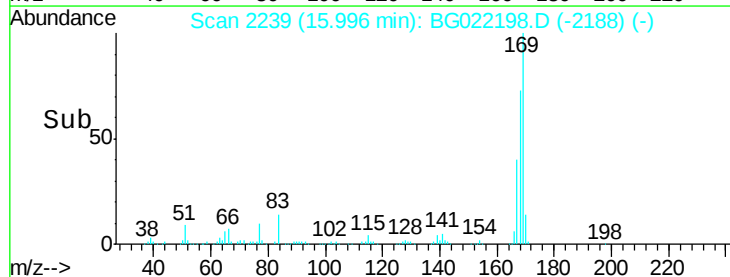
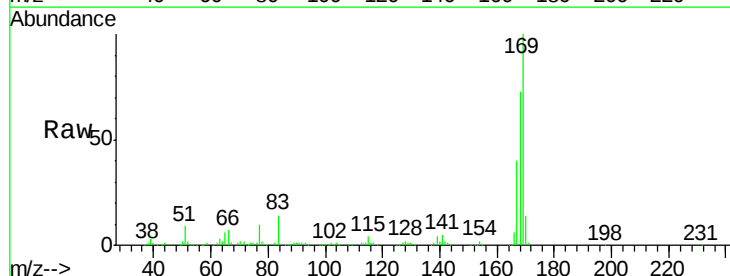
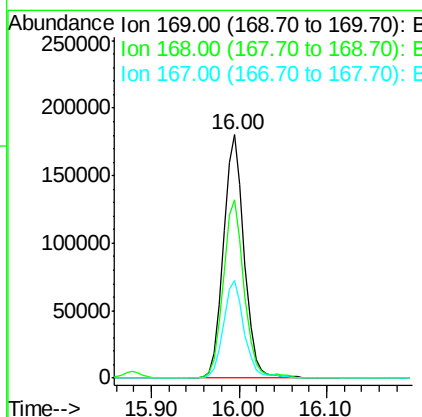
Manual Integrations
 APPROVED

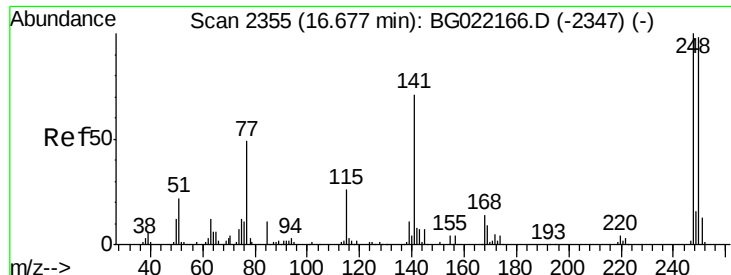
umangi
 6/7/2016 7:29:17 PM



#65
 n-Nitrosodiphenylamine
 Concen: 50.39 ng
 RT: 16.00 min Scan# 2239
 Delta R.T. -0.00 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	292074		
168	73.5	59.6	89.4	
167	40.4	31.2	46.8	





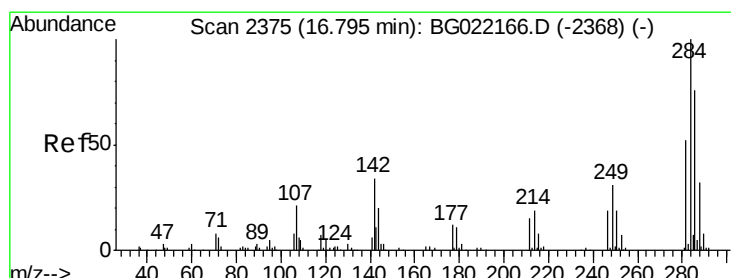
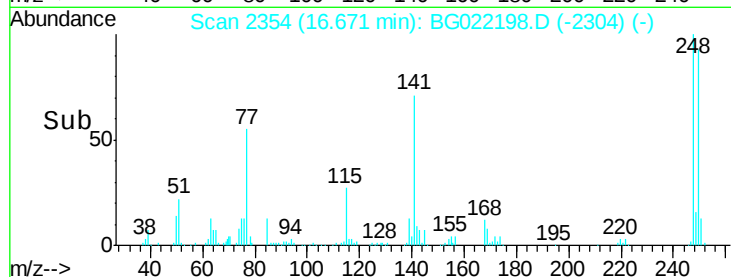
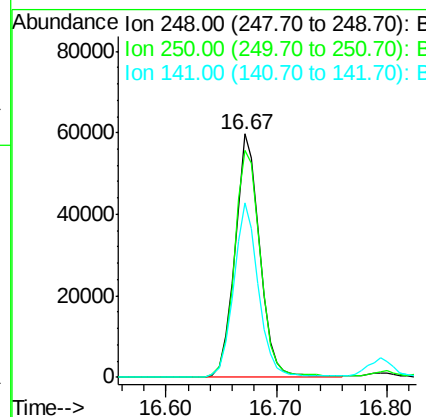
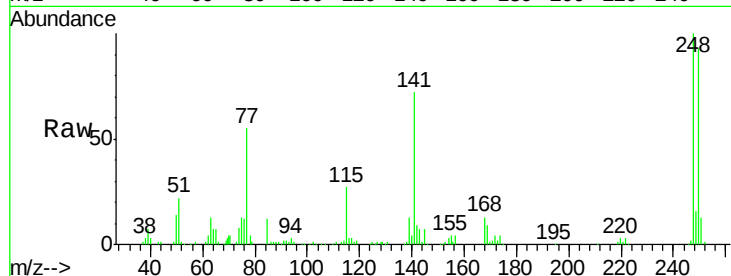
#66
 4-Bromophenyl-phenylether
 Concen: 49.97 ng
 RT: 16.67 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.3	76.6	114.8
141	71.5	63.8	95.6

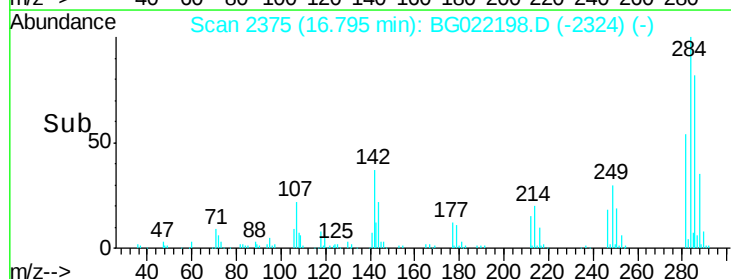
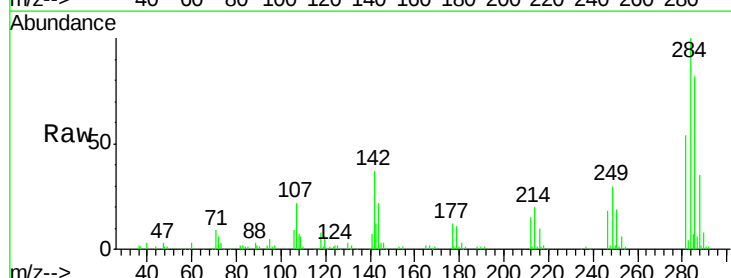
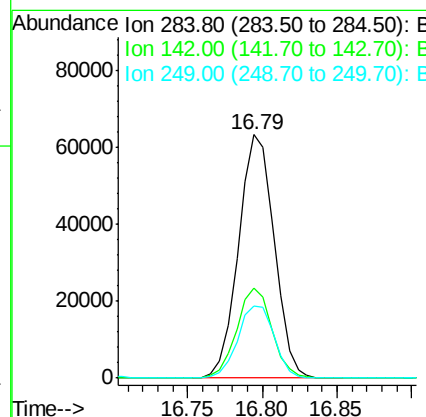
Manual Integrations
 APPROVED

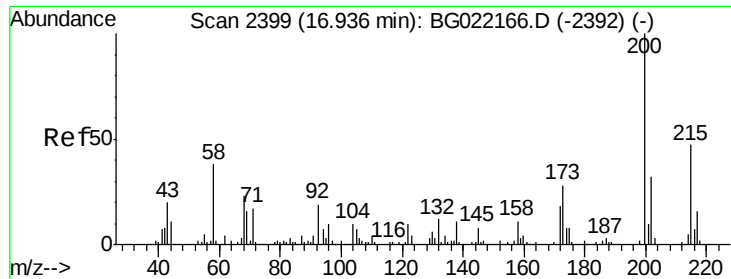
umangi
 6/7/2016 7:29:17 PM



#67
 Hexachlorobenzene
 Concen: 47.98 ng
 RT: 16.79 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.7	31.8	47.6
249	31.9	27.3	40.9





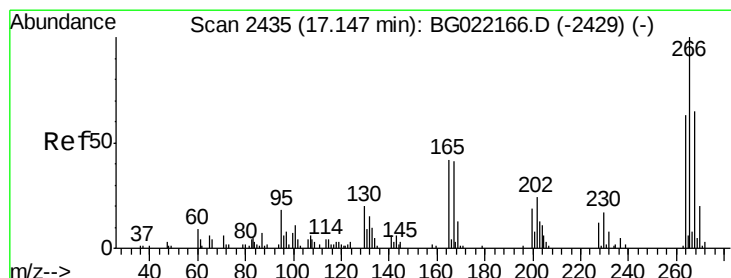
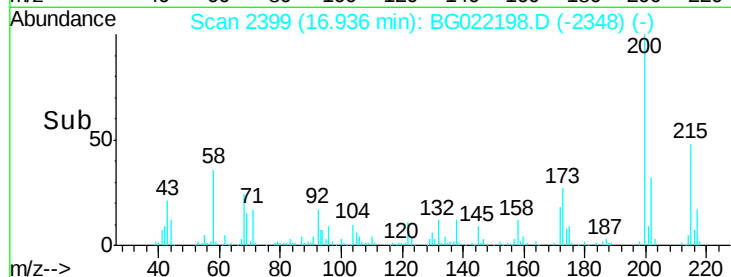
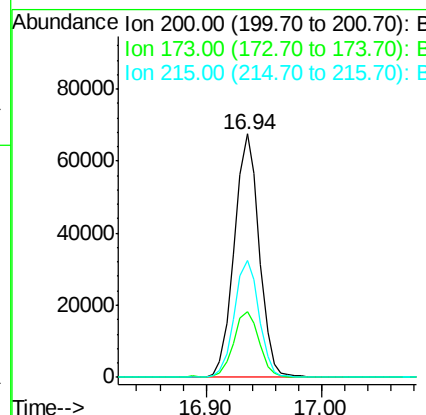
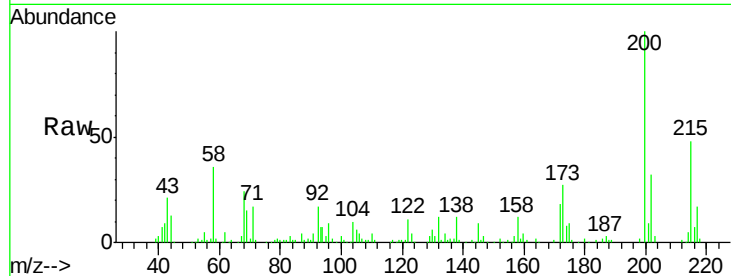
#68
 Atrazine
 Concen: 47.13 ng
 RT: 16.94 min Scan# 2399
 Delta R.T. -0.00 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.8	5.1	45.1
215	48.0	28.0	68.0

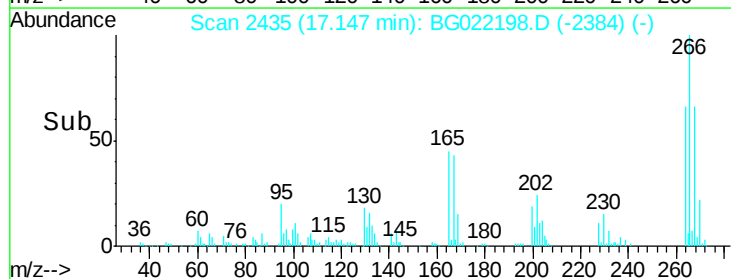
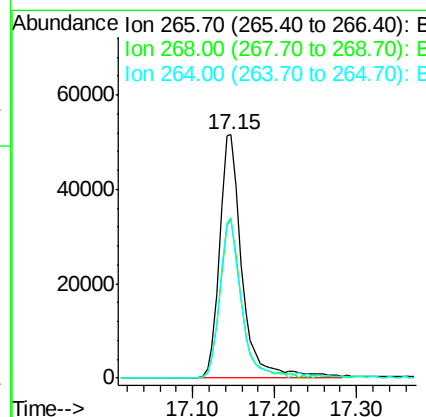
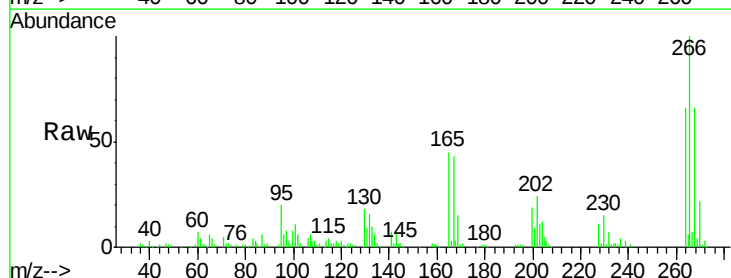
Manual Integrations
 APPROVED

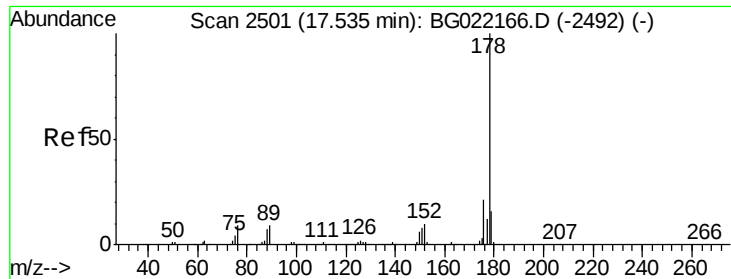
umangi
 6/7/2016 7:29:17 PM



#69
 Pentachlorophenol
 Concen: 97.77 ng
 RT: 17.15 min Scan# 2435
 Delta R.T. 0.00 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	69.9	54.5	81.7
264	71.9	53.8	80.6





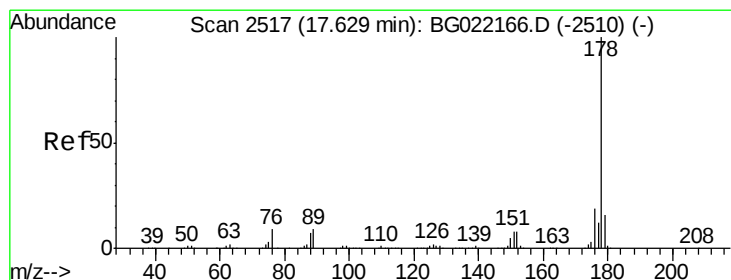
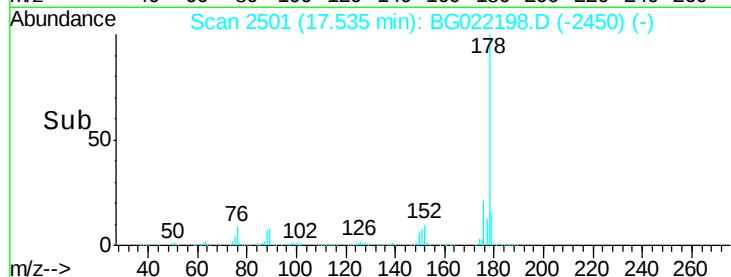
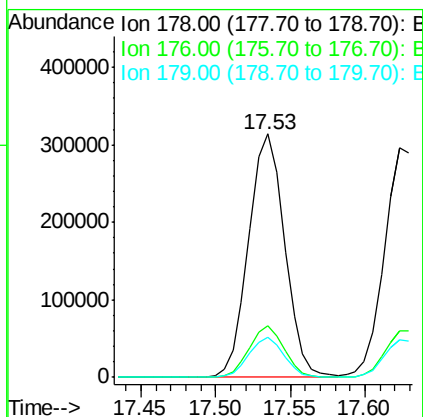
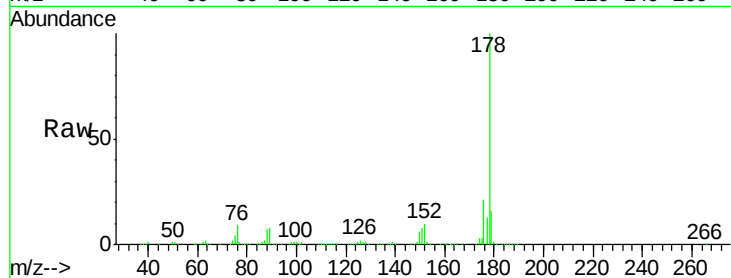
#70
Phenanthrene
Concen: 48.03 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.2	24.4
179	16.3	12.0	18.0

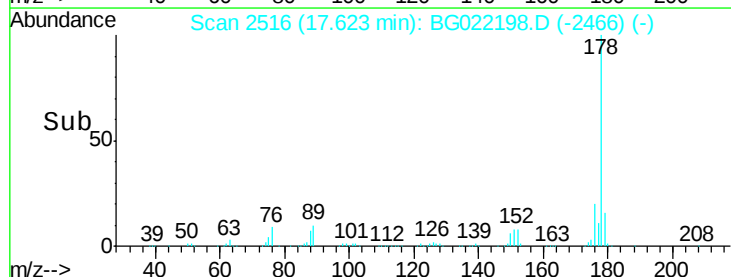
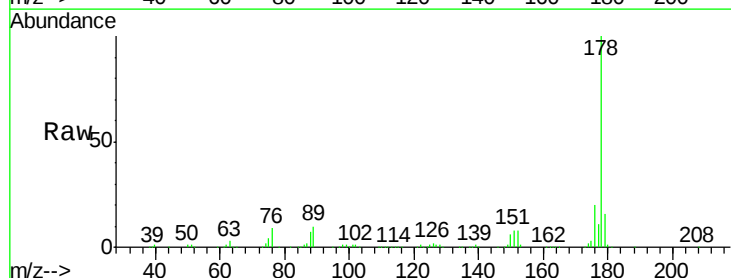
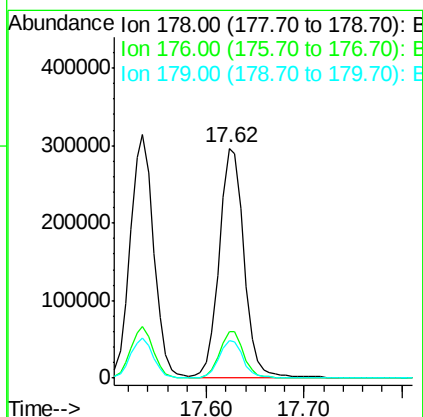
Manual Integrations
APPROVED

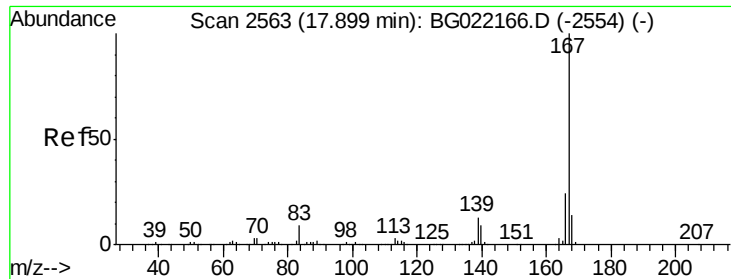
umangi
6/7/2016 7:29:17 PM



#71
Anthracene
Concen: 47.81 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.0	22.4
179	16.3	12.2	18.4





#72

Carbazole

Concen: 48.57 ng

RT: 17.89 min Scan# 2562

Delta R.T. -0.01 min

Lab File: BG022198.D

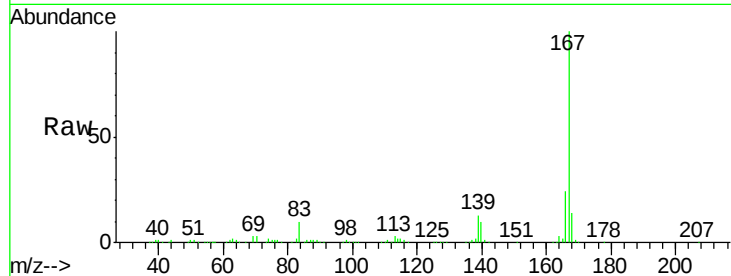
Acq: 7 Jun 2016 10:40

Instrument :

BNA_G

ClientSampleId :

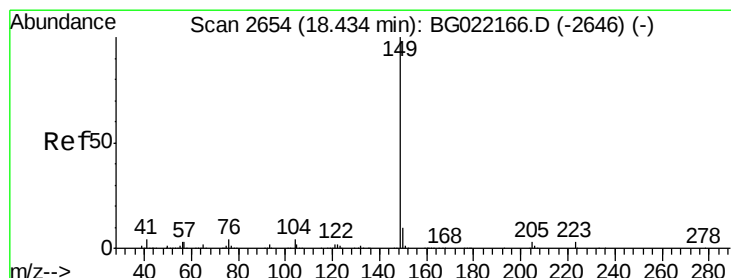
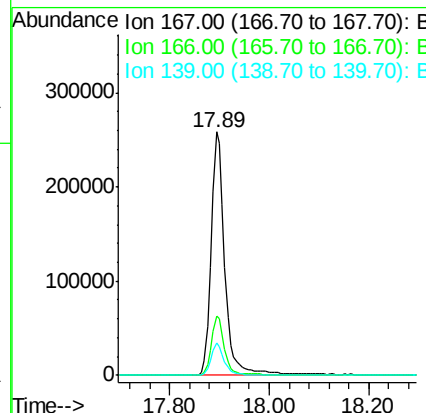
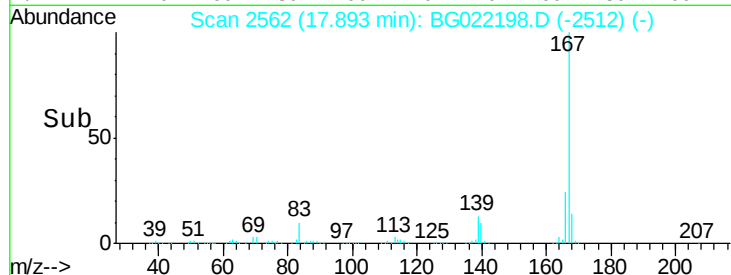
CTM-2(7.5-10)MS



Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.3	18.6	27.8
139	13.1	10.6	15.8

Manual Integrations
APPROVED

umangi
6/7/2016 7:29:17 PM



#73

Di-n-butylphthalate

Concen: 47.46 ng

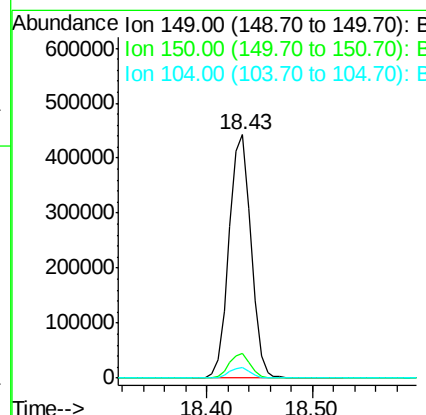
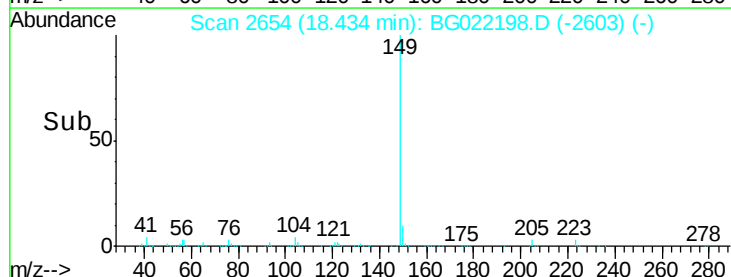
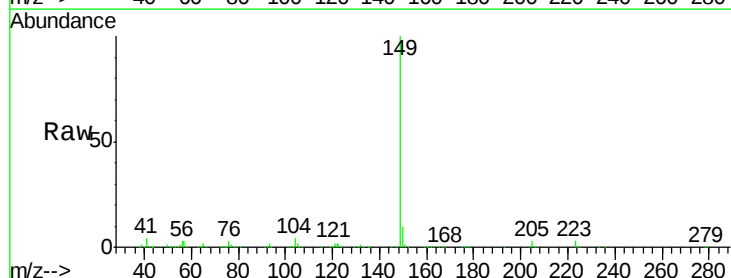
RT: 18.43 min Scan# 2654

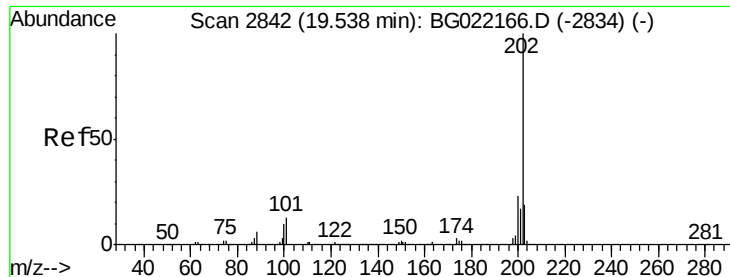
Delta R.T. -0.00 min

Lab File: BG022198.D

Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.4	11.0
104	4.4	4.0	6.0





#74

Fluoranthene

Concen: 47.08 ng

RT: 19.54 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BG022198.D

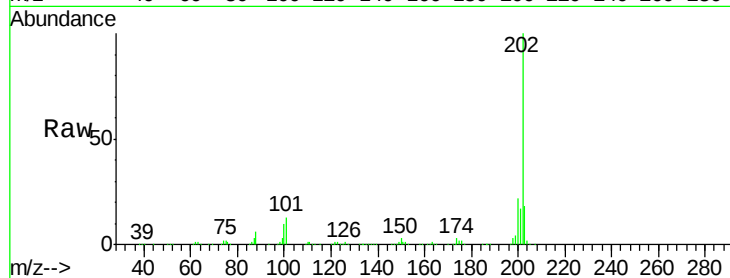
Acq: 7 Jun 2016 10:40

Instrument :

BNA_G

ClientSampleId :

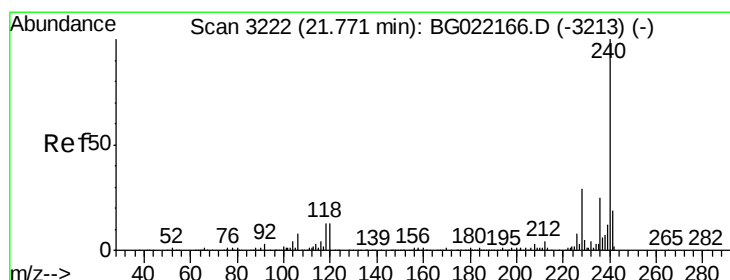
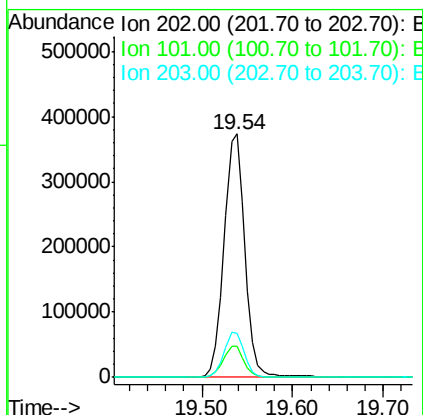
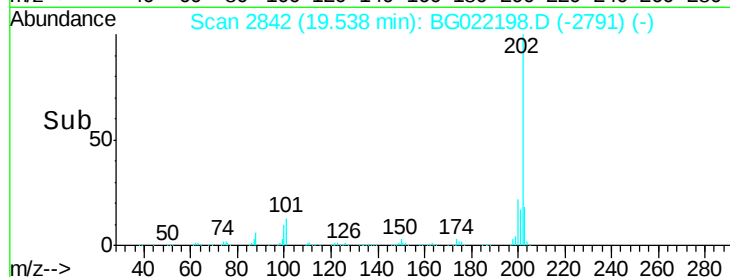
CTM-2(7.5-10)MS



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	591482		
101	13.0	0.0	31.0	
203	17.9	0.0	37.9	

Manual Integrations
APPROVED

umangi
6/7/2016 7:29:17 PM



#75

Chrysene-d12

Concen: 20.00 ng

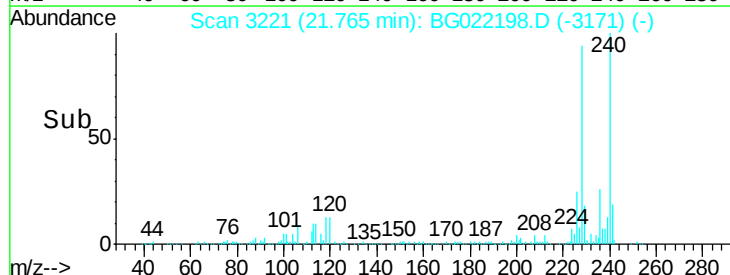
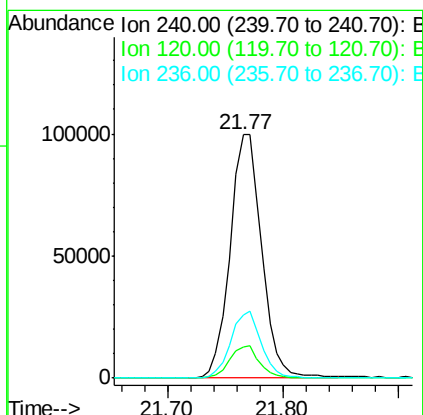
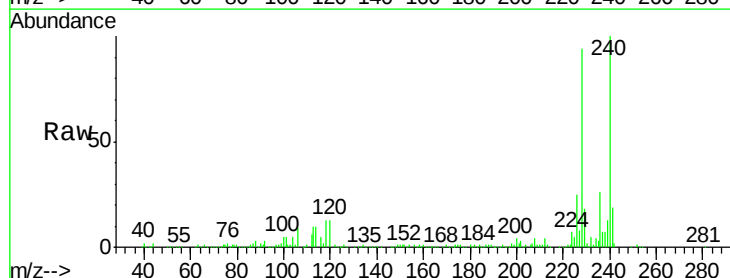
RT: 21.77 min Scan# 3221

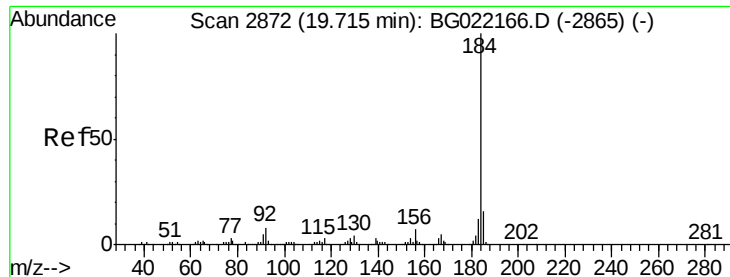
Delta R.T. -0.01 min

Lab File: BG022198.D

Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	189471		
120	13.0	8.4	12.6#	
236	26.1	19.6	29.4	





#76

Benzidine

Concen: 32.56 ng

RT: 19.72 min Scan# 2873

Delta R.T. 0.01 min

Lab File: BG022198.D

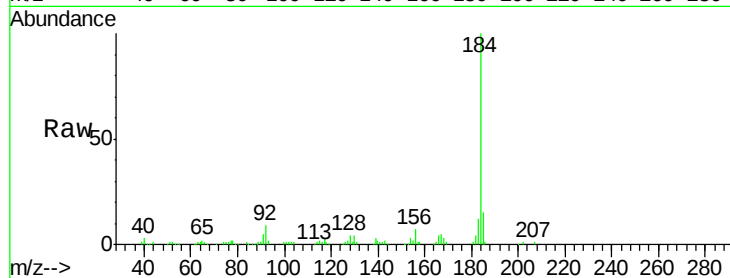
Acq: 7 Jun 2016 10:40

Instrument :

BNA_G

ClientSampleId :

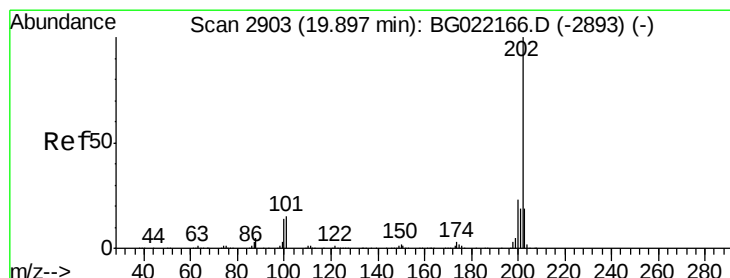
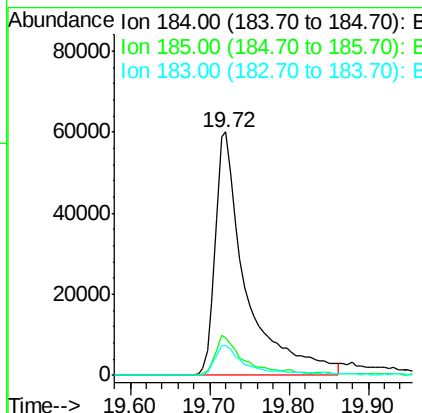
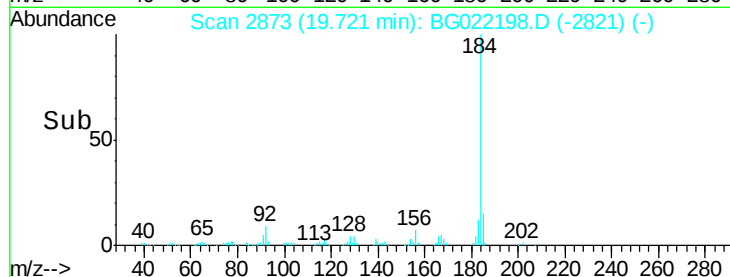
CTM-2(7.5-10)MS



Tgt Ion:	184	Resp:	161309
Ion Ratio	Lower	Upper	
184	100		
185	15.3	11.5	17.3
183	12.4	10.2	15.4

Manual Integrations
APPROVED

umangi
6/7/2016 7:29:17 PM



#77

Pyrene

Concen: 49.84 ng

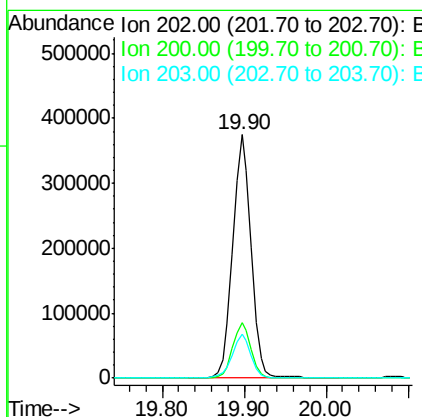
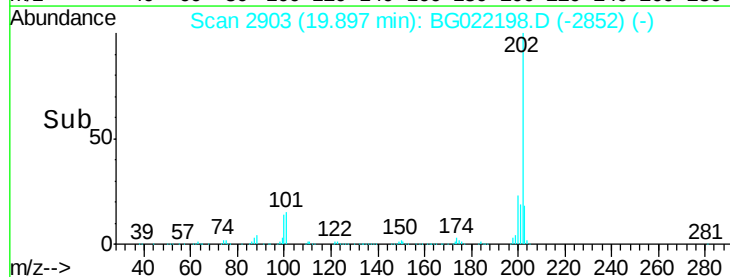
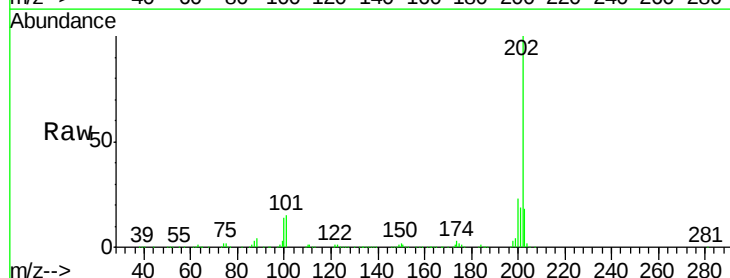
RT: 19.90 min Scan# 2903

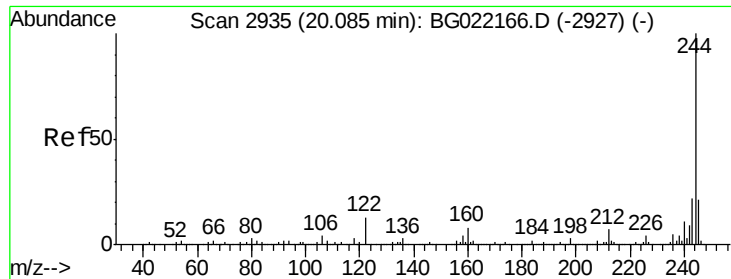
Delta R.T. -0.00 min

Lab File: BG022198.D

Acq: 7 Jun 2016 10:40

Tgt Ion:	202	Resp:	587109
Ion Ratio	Lower	Upper	
202	100		
200	22.6	18.2	27.2
203	18.1	15.0	22.4





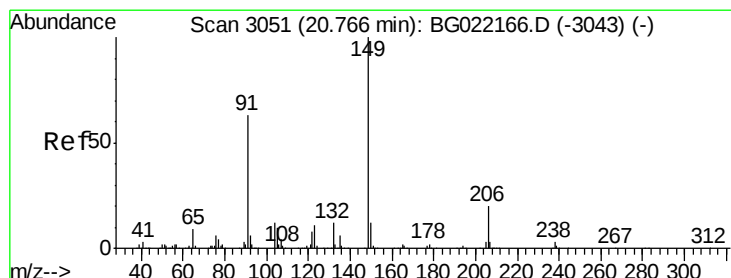
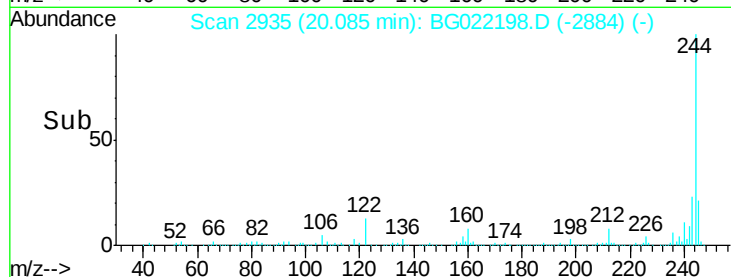
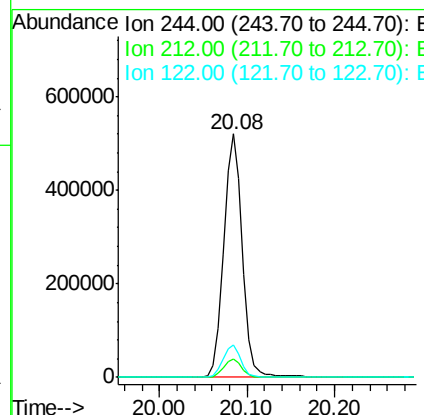
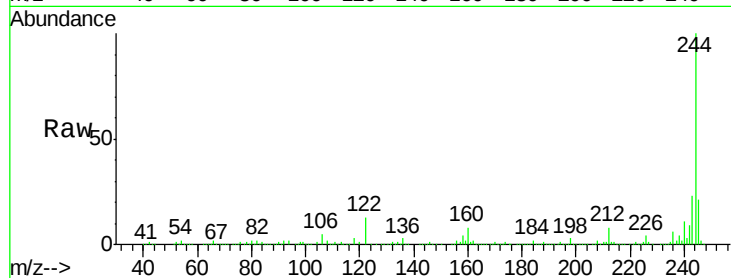
#78
 Terphenyl-d14
 Concen: 95.74 ng
 RT: 20.08 min Scan# 2935
 Delta R.T. -0.00 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

Instrument :
 BNA_G
 ClientSampleId :
 CTM-2(7.5-10)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.7	6.5	9.7
122	13.2	8.6	12.8

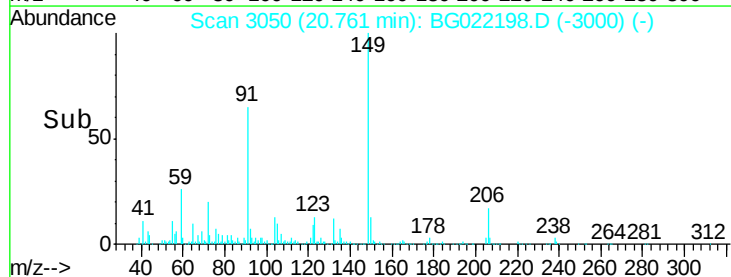
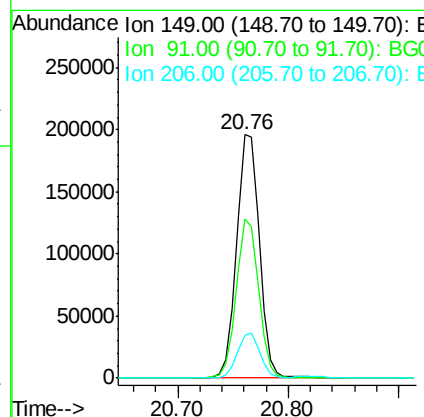
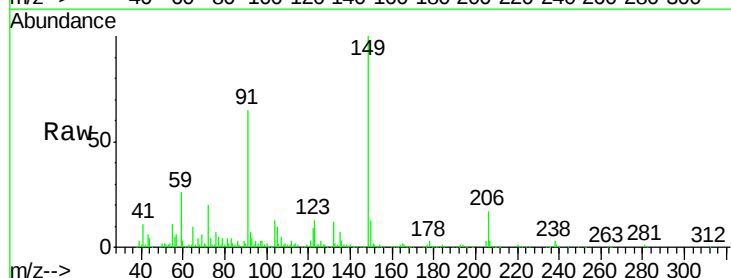
Manual Integrations
 APPROVED

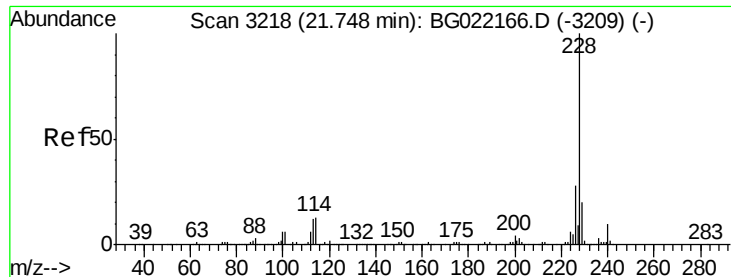
umangi
 6/7/2016 7:29:17 PM



#79
 Butylbenzylphthalate
 Concen: 52.25 ng
 RT: 20.76 min Scan# 3050
 Delta R.T. -0.01 min
 Lab File: BG022198.D
 Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	65.2	57.8	86.8
206	17.5	17.0	25.4





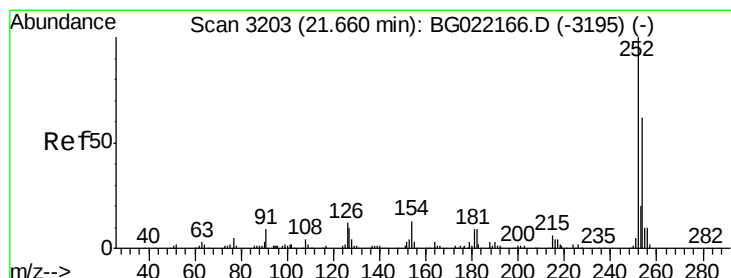
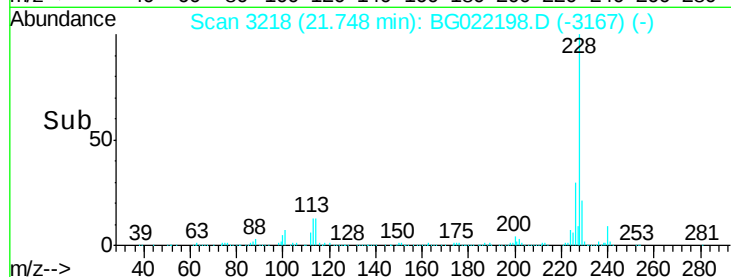
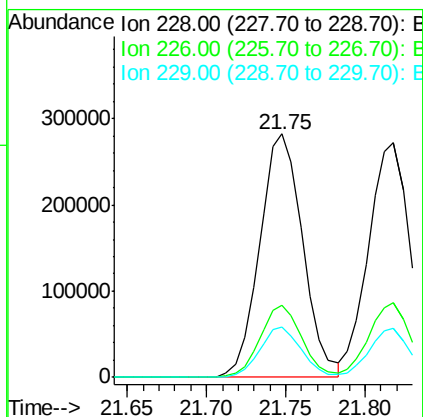
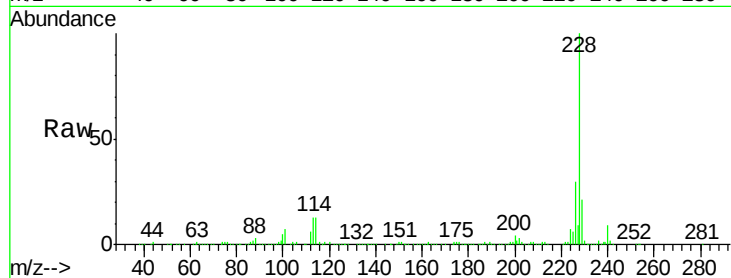
#80
Benzo(a)anthracene
Concen: 50.11 ng
RT: 21.75 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.6	22.6	34.0
229	20.8	16.1	24.1

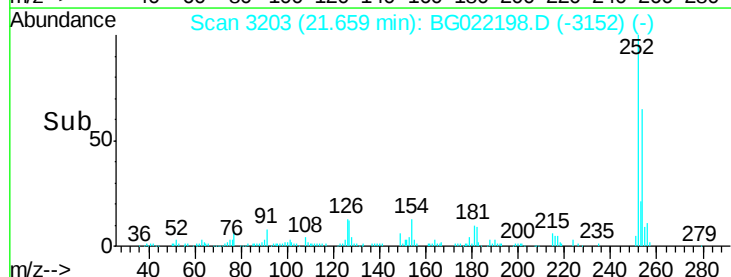
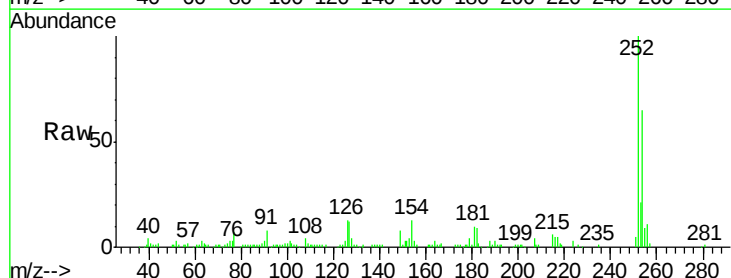
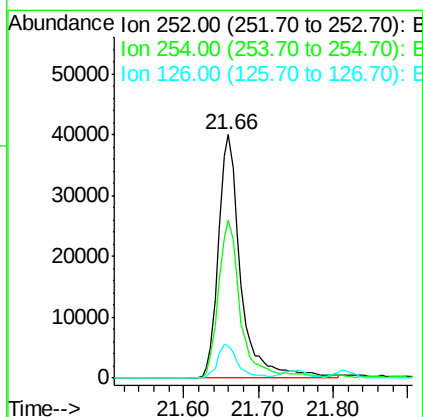
Manual Integrations
APPROVED

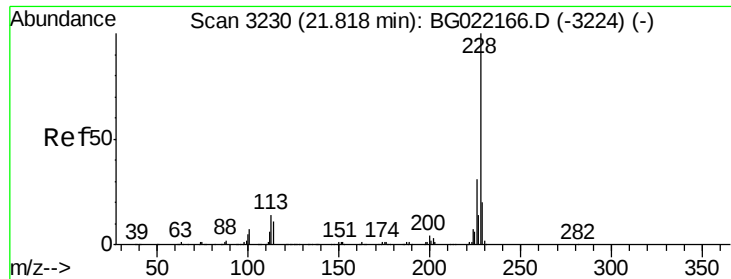
umangi
6/7/2016 7:29:17 PM



#81
3,3'-Dichlorobenzidine
Concen: 27.98 ng
RT: 21.66 min Scan# 3203
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.0	51.8	77.6
126	13.2	8.8	13.2





#82

Chrysene

Concen: 49.55 ng

RT: 21.82 min Scan# 3230

Delta R.T. -0.00 min

Lab File: BG022198.D

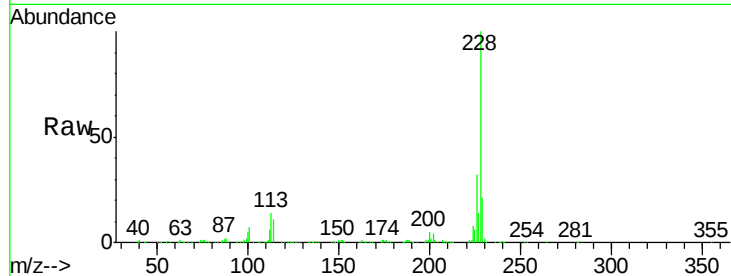
Acq: 7 Jun 2016 10:40

Instrument :

BNA_G

ClientSampleId :

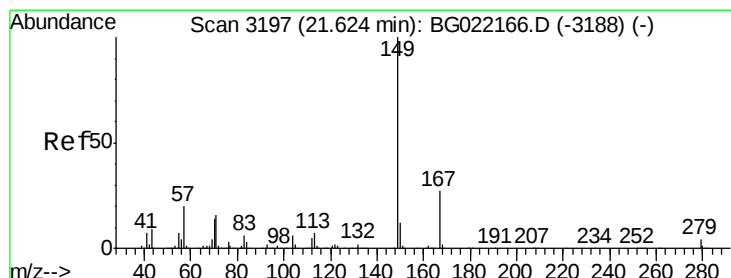
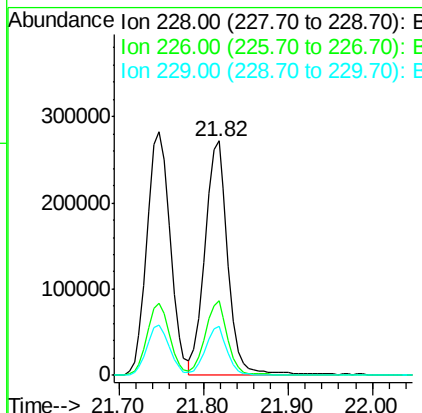
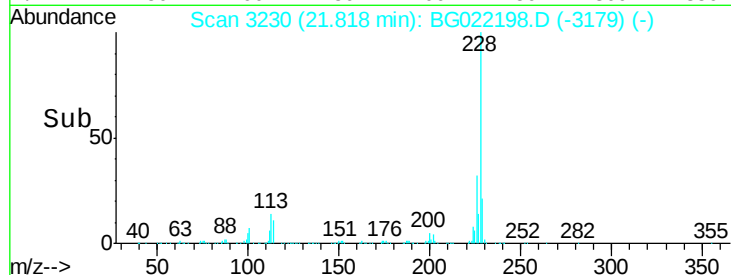
CTM-2(7.5-10)MS



Tgt Ion:	228	Resp:	512233
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.4	38.0
229	20.7	15.9	23.9

Manual Integrations
APPROVED

umangi
6/7/2016 7:29:17 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 51.44 ng

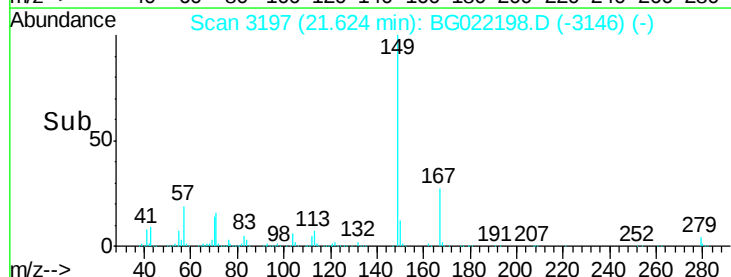
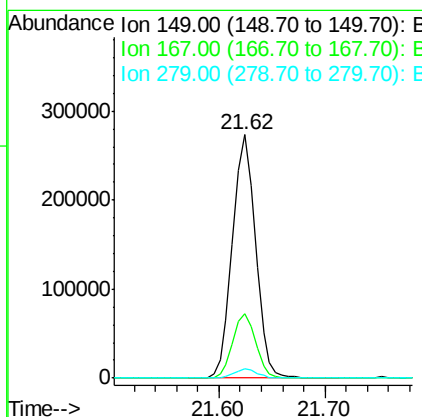
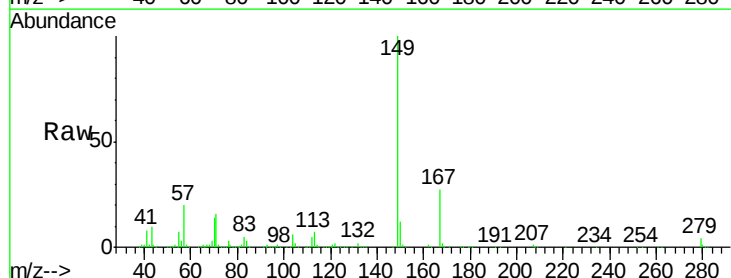
RT: 21.62 min Scan# 3197

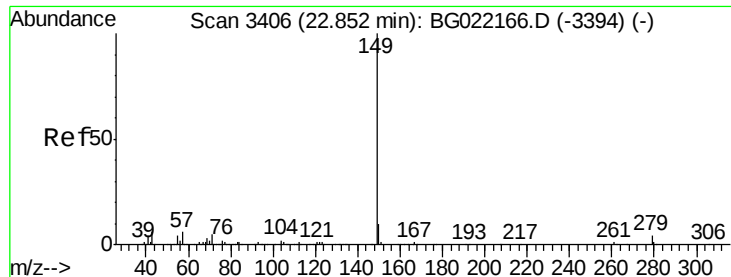
Delta R.T. -0.00 min

Lab File: BG022198.D

Acq: 7 Jun 2016 10:40

Tgt Ion:	149	Resp:	413267
Ion Ratio	Lower	Upper	
149	100		
167	26.6	22.4	33.6
279	3.9	3.2	4.8





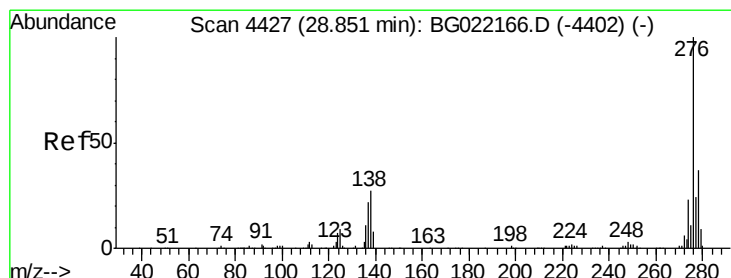
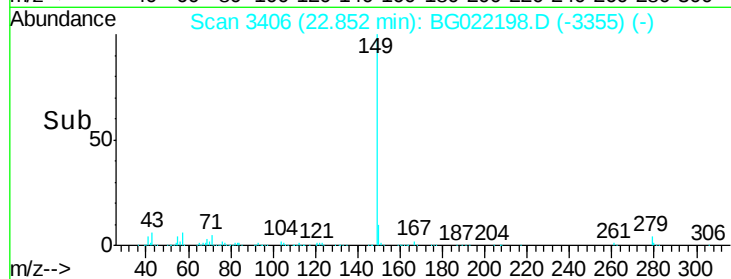
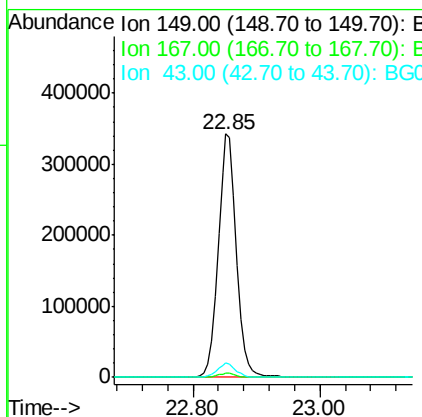
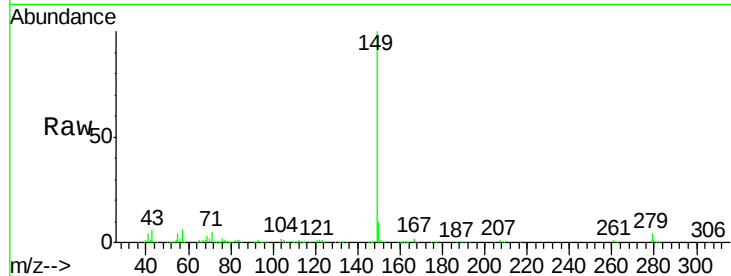
#84
Di-n-octyl phthalate
Concen: 51.70 ng
RT: 22.85 min Scan# 3406
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.3	1.9
43	5.9	9.8	14.6

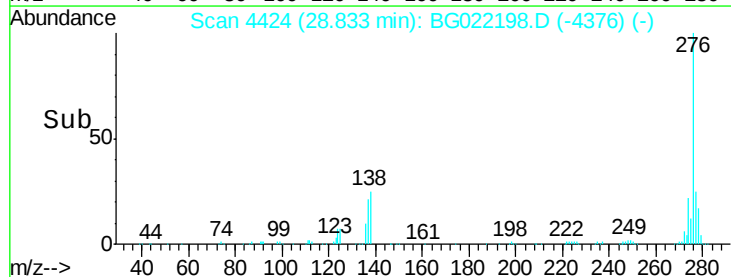
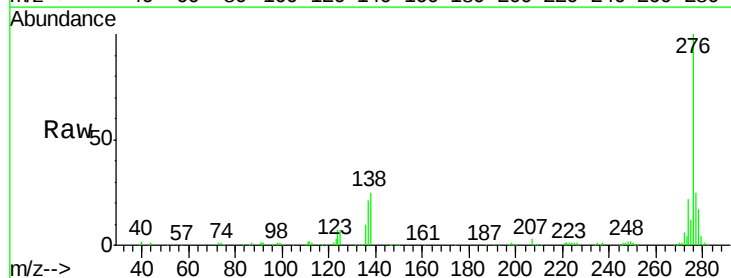
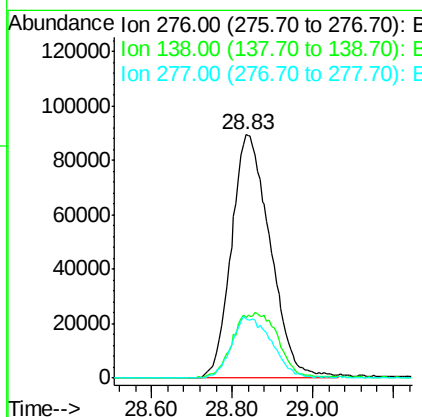
Manual Integrations
APPROVED

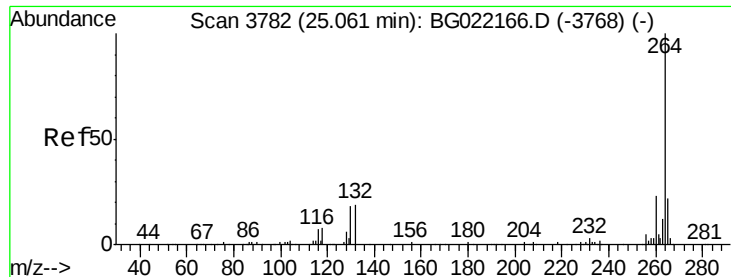
umangi
6/7/2016 7:29:17 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 51.51 ng
RT: 28.83 min Scan# 4424
Delta R.T. -0.02 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	0.0	14.0	21.0
277	25.9	20.6	30.8





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.06 min Scan# 3782

Delta R.T. -0.00 min

Lab File: BG022198.D

Acq: 7 Jun 2016 10:40

Instrument :

BNA_G

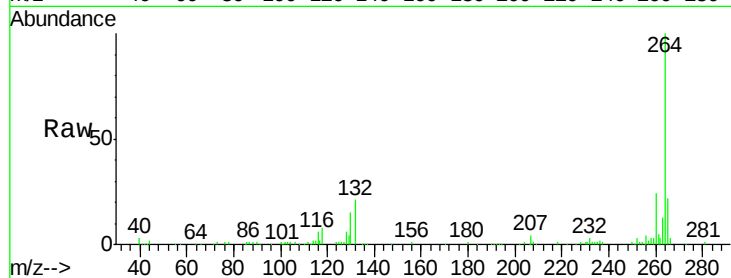
ClientSampleId :

CTM-2(7.5-10)MS

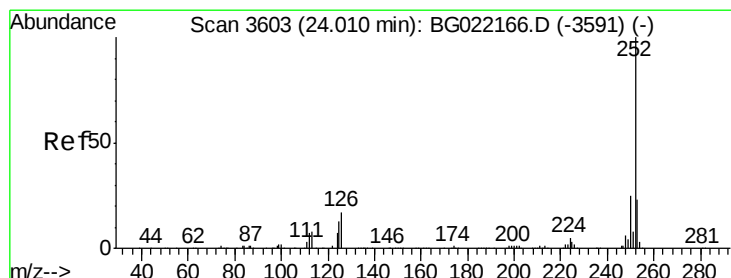
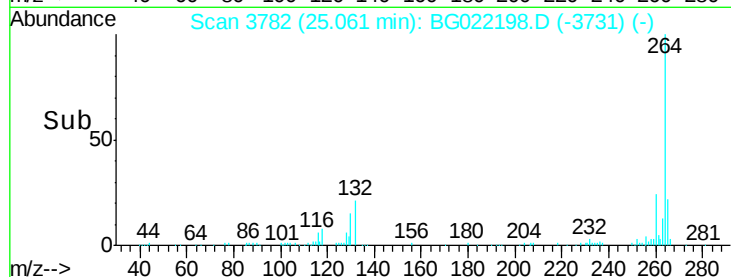
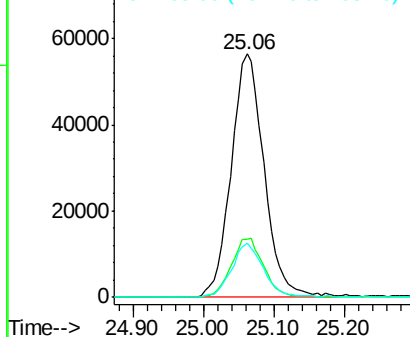
Tgt Ion:	264	Resp:	182856
Ion Ratio		Lower	Upper
264	100		
260	23.6	20.2	30.4
265	22.1	17.8	26.8

Manual Integrations
APPROVED

umangi
6/7/2016 7:29:17 PM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 49.52 ng

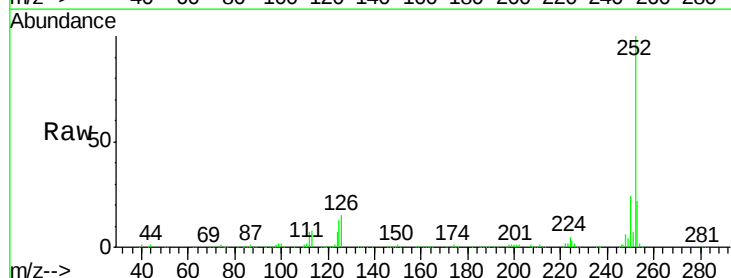
RT: 24.02 min Scan# 3604

Delta R.T. 0.01 min

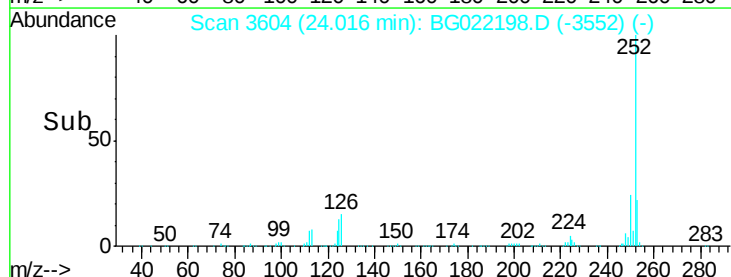
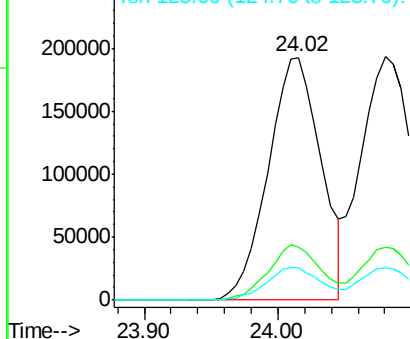
Lab File: BG022198.D

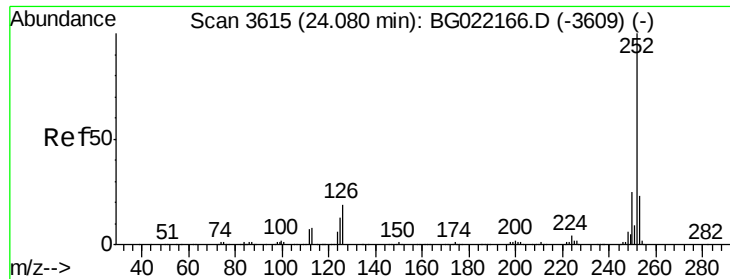
Acq: 7 Jun 2016 10:40

Tgt Ion:	252	Resp:	528135
Ion Ratio		Lower	Upper
252	100		
253	22.0	17.5	26.3
125	13.4	8.6	13.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





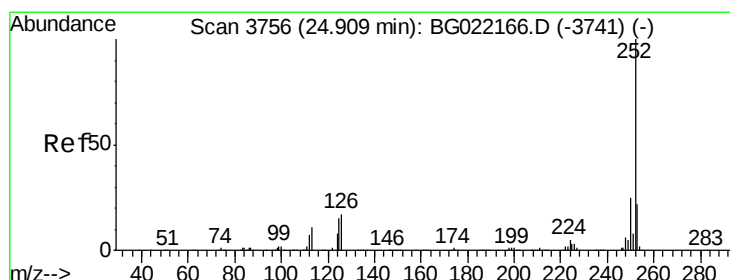
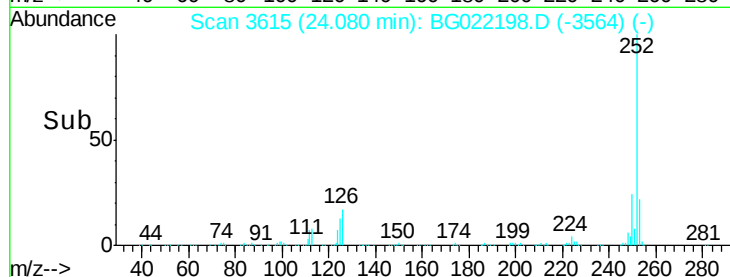
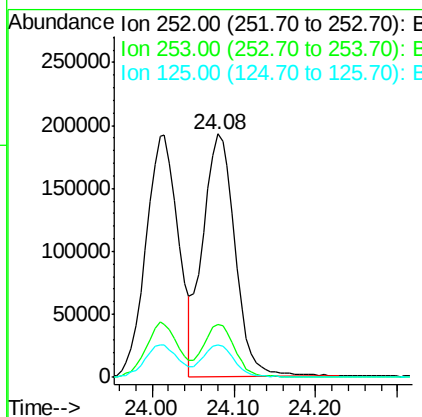
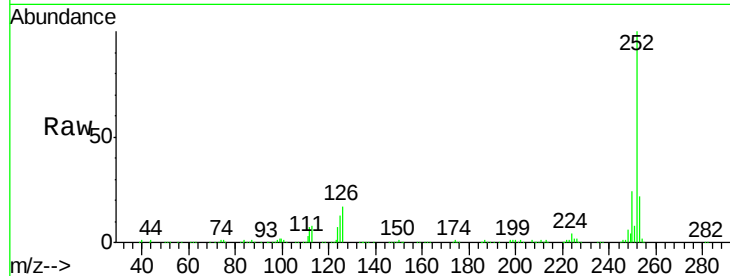
#88
Benzo(k)fluoranthene
Concen: 50.09 ng
RT: 24.08 min Scan# 3615
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	13.4	8.3	12.5

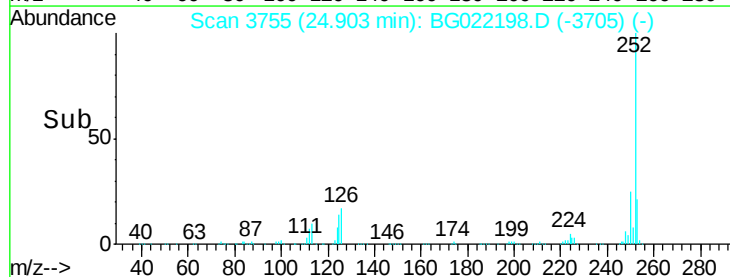
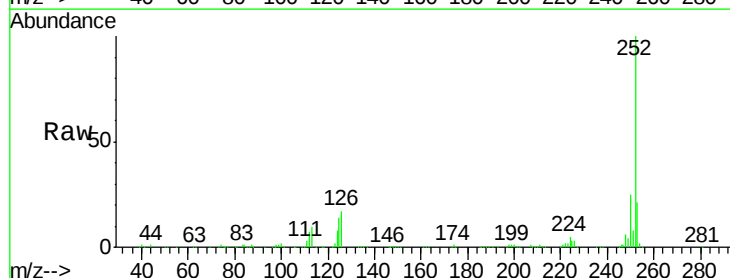
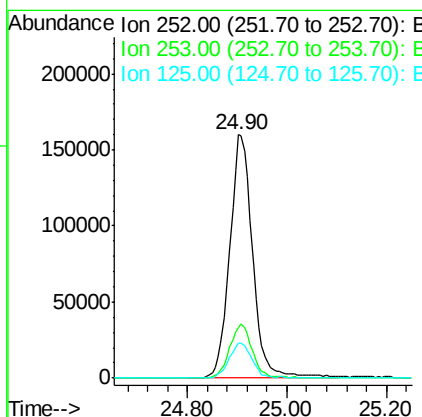
Manual Integrations
APPROVED

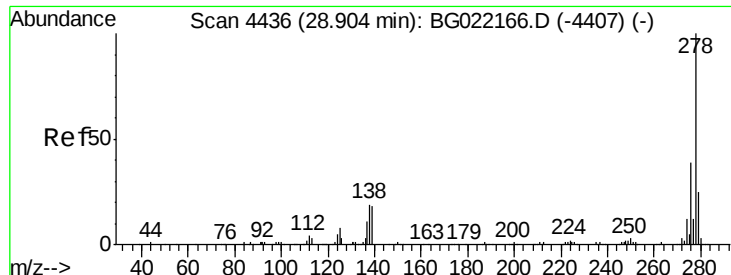
umangi
6/7/2016 7:29:17 PM



#89
Benzo(a)pyrene
Concen: 50.10 ng
RT: 24.90 min Scan# 3755
Delta R.T. -0.01 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.1	25.7
125	14.3	9.6	14.4





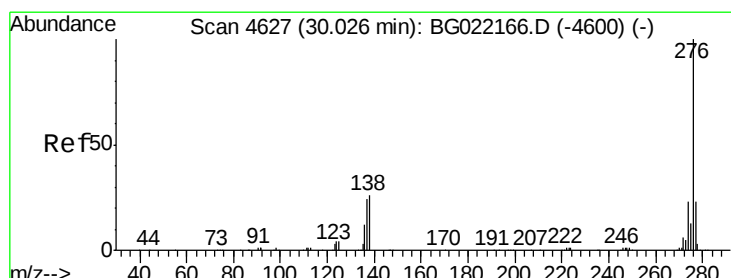
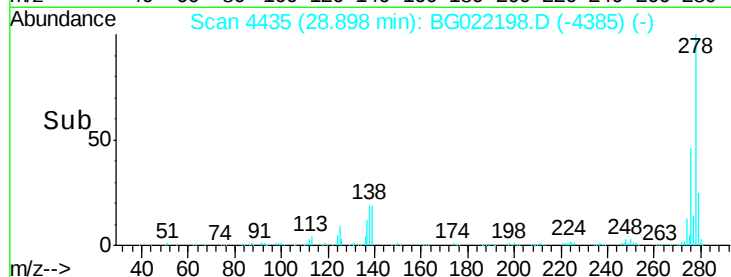
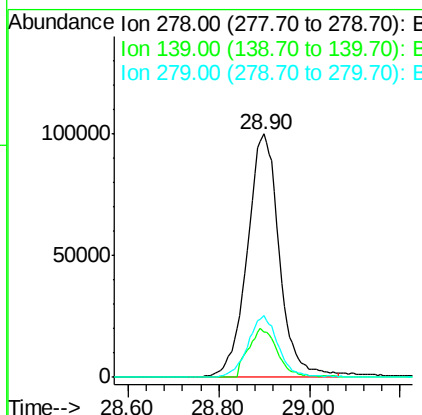
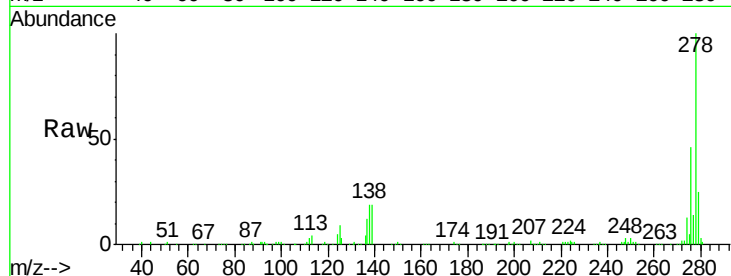
#90
Dibenzo(a,h)anthracene
Concen: 51.04 ng
RT: 28.90 min Scan# 4435
Delta R.T. -0.01 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	11.9	17.9#
279	25.2	18.2	27.2

Manual Integrations
APPROVED

umangi
6/7/2016 7:29:17 PM



#91
Benzo(g,h,i)perylene
Concen: 49.80 ng
RT: 30.03 min Scan# 4627
Delta R.T. -0.00 min
Lab File: BG022198.D
Acq: 7 Jun 2016 10:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.2
138	27.3	17.4	26.0#

