

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062716\
 Data File : BG022651.D
 Acq On : 27 Jun 2016 20:38
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations

umangi
 6/28/2016 7:27:31 PM

Quant Time: Jun 28 01:31:56 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	164945	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	722526	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	539046	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1339167	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1509520	20.00	ng	0.00
86) Perylene-d12	25.21	264	1594926	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	821389	79.87	ng	0.00
7) Phenol-d6	7.31	99	1209066	83.41	ng	0.00
23) Nitrobenzene-d5	9.34	82	1352138	79.21	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	705696	83.23	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2500180	73.56	ng	0.00
78) Terphenyl-d14	20.16	244	3436239	60.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	161246	38.69	ng	# 94
3) Pyridine	3.99	79	534502	45.85	ng	92
4) n-Nitrosodimethylamine	3.90	42	243327	36.49	ng	96
6) Aniline	7.49	93	847482	44.10	ng	97
8) 2-Chlorophenol	7.73	128	432512	40.60	ng	100
9) Benzaldehyde	7.29	77	257858	50.55	ng	93
10) Phenol	7.34	94	647267	42.25	ng	93
11) bis(2-Chloroethyl)ether	7.57	93	488665	38.75	ng	94
12) 1,3-Dichlorobenzene	8.05	146	506056	39.04	ng	97
13) 1,4-Dichlorobenzene	8.20	146	517953	39.86	ng	95
14) 1,2-Dichlorobenzene	8.52	146	495390	40.09	ng	96
15) Benzyl Alcohol	8.40	79	594490	44.32	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.70	45	545490	39.11	ng	98
17) 2-Methylphenol	8.60	107	422481	41.84	ng	97
18) Hexachloroethane	9.25	117	210889	39.21	ng	94
19) n-Nitroso-di-n-propylamine	8.97	70	498317	41.28	ng	95
20) 3+4-Methylphenols	8.93	107	604235	43.44	ng	94
22) Acetophenone	8.99	105	810726	38.81	ng	# 93
24) Nitrobenzene	9.38	77	729113	38.64	ng	95
25) Isophorone	9.90	82	1293632	39.04	ng	96
26) 2-Nitrophenol	10.09	139	287359	42.28	ng	98
27) 2,4-Dimethylphenol	10.14	122	487365	37.53	ng	93
28) bis(2-Chloroethoxy)methane	10.38	93	715178	39.53	ng	98
29) 2,4-Dichlorophenol	10.63	162	536440	42.40	ng	98
30) 1,2,4-Trichlorobenzene	10.85	180	578961	38.54	ng	95
31) Naphthalene	11.04	128	1410475	38.84	ng	99
32) Benzoic acid	10.28	122	381849	45.31	ng	93
33) 4-Chloroaniline	11.14	127	678766	43.39	ng	97
34) Hexachlorobutadiene	11.32	225	462124	39.58	ng	98
35) Caprolactam	11.93	113	187159	46.96	ng	99
36) 4-Chloro-3-methylphenol	12.26	107	666210	42.90	ng	98
37) 2-Methylnaphthalene	12.63	142	1122012	39.84	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	758820	37.29	ng	98
40) Hexachlorocyclopentadiene	12.97	237	557959	34.34	ng	99

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062716\
 Data File : BG022651.D
 Acq On : 27 Jun 2016 20:38
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

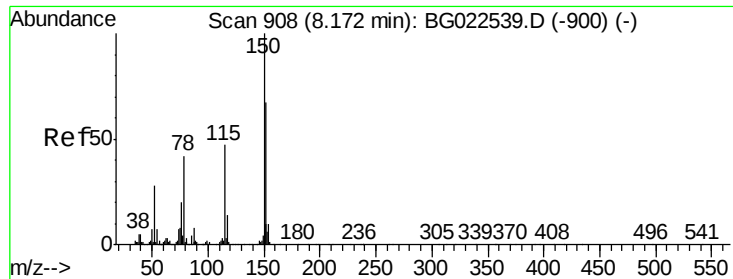
Manual Integrations

umangi
 6/28/2016 7:27:31 PM

Quant Time: Jun 28 01:31:56 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	522492	40.04	nq	95
43) 2,4,5-Trichlorophenol	13.30	196	553818	40.56	nq	94
45) 1,1'-Biphenyl	13.63	154	1499349	36.51	nq	95
46) 2-Chloronaphthalene	13.68	162	1256113	37.18	nq	96
47) 2-Nitroaniline	13.88	65	535082	41.03	nq	98
48) Acenaphthylene	14.53	152	1847155	37.69	nq	96
49) Dimethylphthalate	14.25	163	1659053	37.10	nq	96
50) 2,6-Dinitrotoluene	14.37	165	396126	40.77	nq	84
51) Acenaphthene	14.87	154	1282770	35.53	nq	93
52) 3-Nitroaniline	14.70	138	383530	42.18	nq	85
53) 2,4-Dinitrophenol	14.91	184	281644	47.06	nq	93
54) Dibenzofuran	15.20	168	1934425	36.99	nq	98
55) 4-Nitrophenol	15.00	139	318320	41.40	nq	99
56) 2,4-Dinitrotoluene	15.16	165	571520	42.46	nq	94
57) Fluorene	15.85	166	1587208	38.04	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	579739m	40.95	nq	
59) Diethylphthalate	15.61	149	1710724	37.21	nq	94
60) 4-Chlorophenyl-phenylether	15.84	204	963305	38.78	nq	99
61) 4-Nitroaniline	15.87	138	379125	40.41	nq	93
62) Azobenzene	16.13	77	1802721	36.21	nq	93
64) 4,6-Dinitro-2-methylphenol	15.92	198	395659	44.05	nq	94
65) n-Nitrosodiphenylamine	16.05	169	1482407	38.04	nq	95
66) 4-Bromophenyl-phenylether	16.74	248	664720	38.26	nq	95
67) Hexachlorobenzene	16.86	284	720650	39.23	nq	97
68) Atrazine	17.00	200	665248	40.43	nq	98
69) Pentachlorophenol	17.20	266	504532	39.91	nq	99
70) Phenanthrene	17.60	178	2525347	36.98	nq	93
71) Anthracene	17.69	178	2576102	36.65	nq	93
72) Carbazole	17.96	167	2255969	37.86	nq	95
73) Di-n-butylphthalate	18.51	149	2569603	37.03	nq	# 95
74) Fluoranthene	19.61	202	2939363	37.36	nq	93
76) Benzidine	19.78	184	685424	42.65	nq	97
77) Pyrene	19.97	202	2971220	36.96	nq	# 92
79) Butylbenzylphthalate	20.84	149	1332932	38.30	nq	98
80) Benzo(a)anthracene	21.83	228	3184207	38.12	nq	92
81) 3,3'-Dichlorobenzidine	21.75	252	1303133	37.77	nq	97
82) Chrysene	21.90	228	2976989	37.93	nq	# 90
83) Bis(2-ethylhexyl)phthalate	21.72	149	1793565	36.60	nq	94
84) Di-n-octyl phthalate	22.99	149	2967983	36.74	nq	99
85) Indeno(1,2,3-cd)pyrene	29.07	276	4018648	38.96	nq	# 100
87) Benzo(b)fluoranthene	24.14	252	3534779	36.86	nq	92
88) Benzo(k)fluoranthene	24.22	252	3384675	37.33	nq	# 95
89) Benzo(a)pyrene	25.06	252	3505064	37.49	nq	# 95
90) Dibenzo(a,h)anthracene	29.15	278	3334175	37.88	nq	# 96
91) Benzo(g,h,i)perylene	30.28	276	3250199	36.28	nq	# 95

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



#1

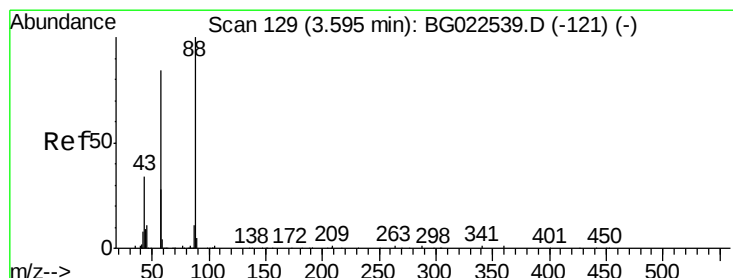
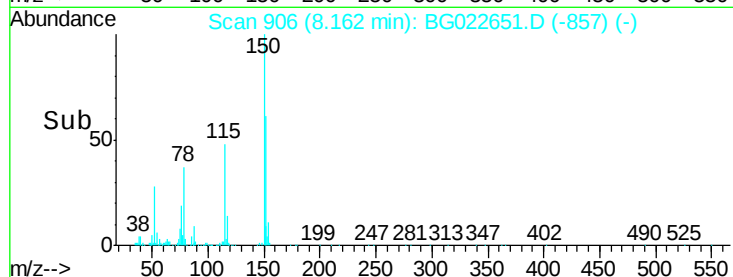
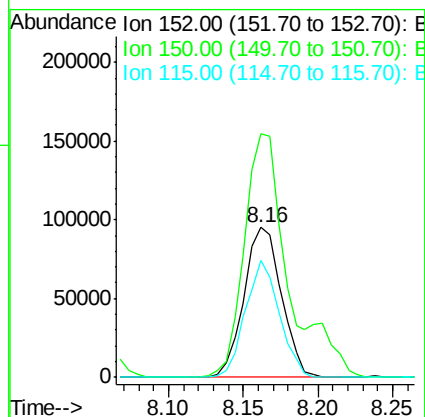
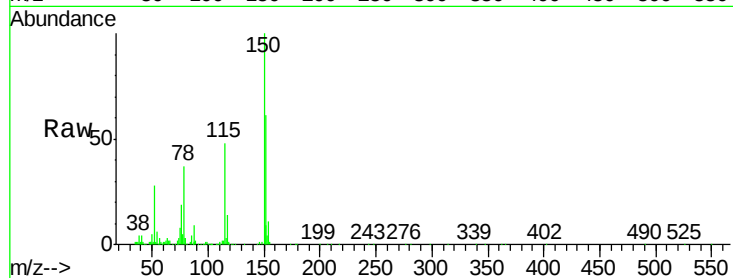
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.6	144.7	217.1
115	77.8	64.0	96.0

Manual Integrations

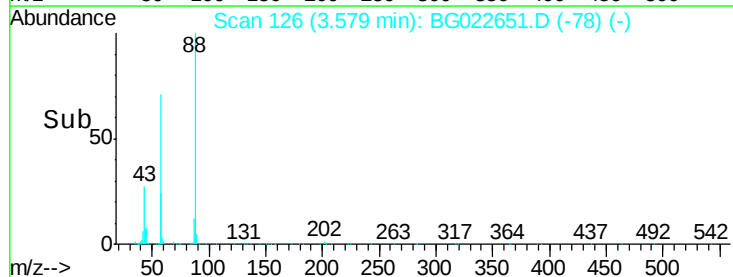
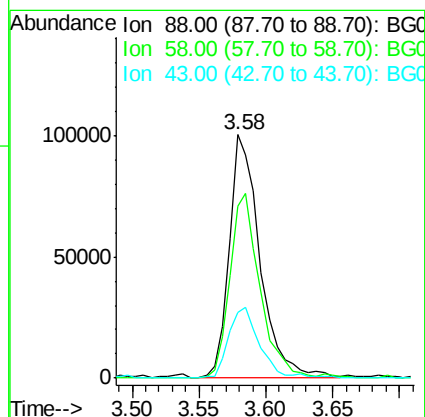
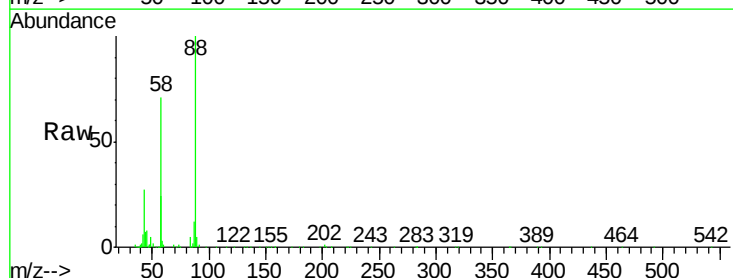
umangi
6/28/2016 7:27:31 PM

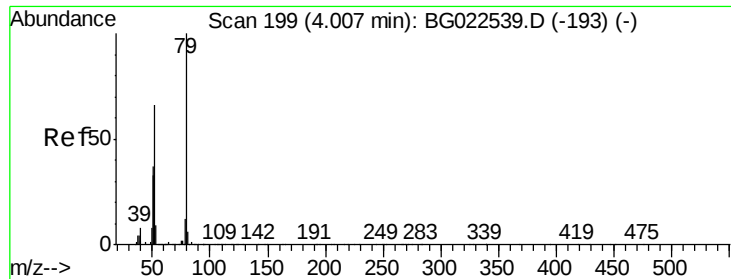


#2

1,4-Dioxane
Concen: 38.69 ng
RT: 3.58 min Scan# 126
Delta R.T. -0.02 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.3	60.4	90.6
43	29.6	31.1	46.7





#3

Pvridine

Concen: 45.85 ng

RT: 3.99 min Scan# 196

Delta R.T. -0.02 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

Instrument :

BNA_G

ClientSampleId :

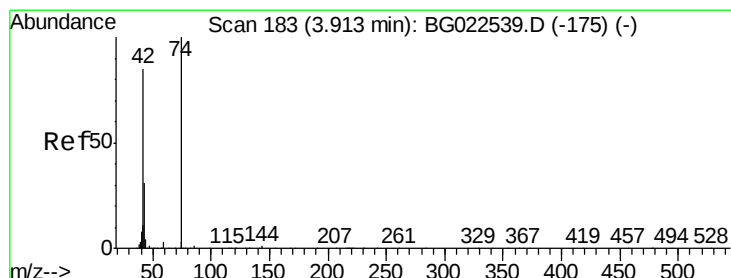
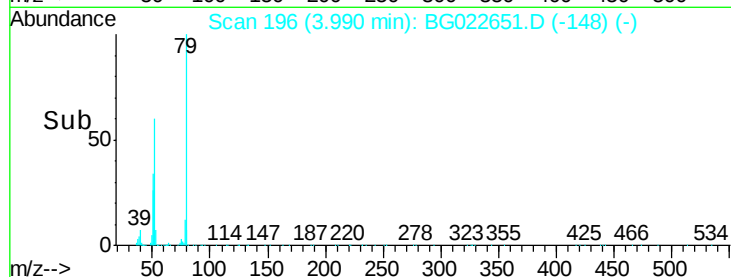
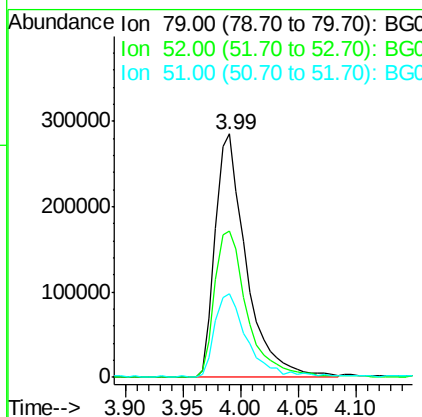
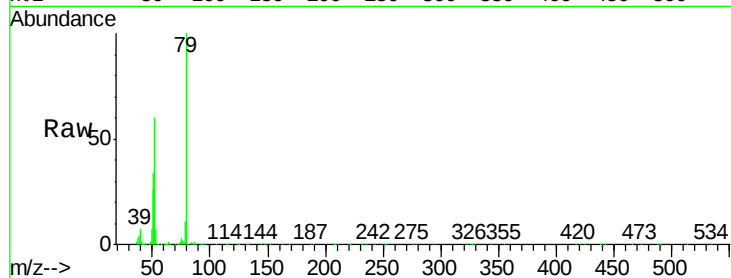
SSTDCCC040

Tot Ion:	79	Resp:	534502
Ion	Ratio	Lower	Upper
79	100		
52	60.1	51.8	77.8
51	34.4	32.7	49.1

Manual Integrations

umangi

6/28/2016 7:27:31 PM



#4

n-Nitrosodimethylamine

Concen: 36.49 ng

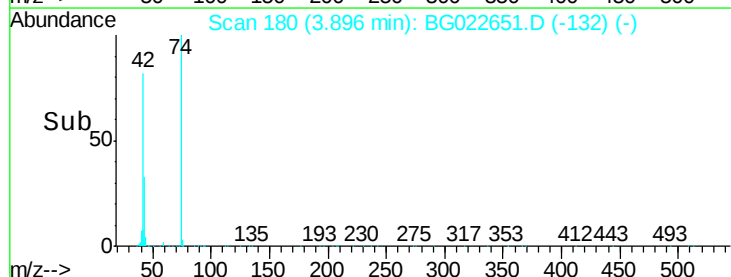
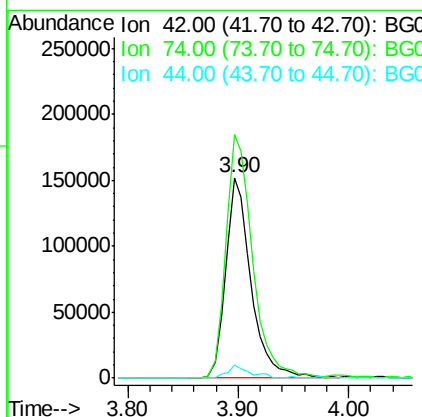
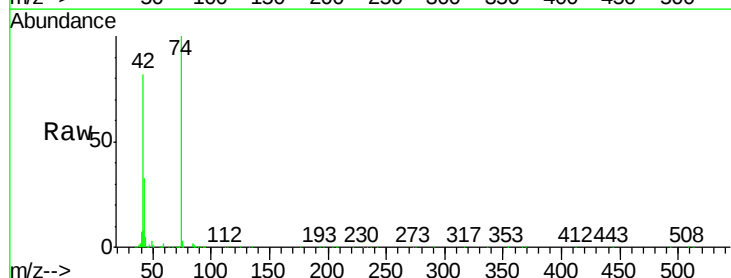
RT: 3.90 min Scan# 180

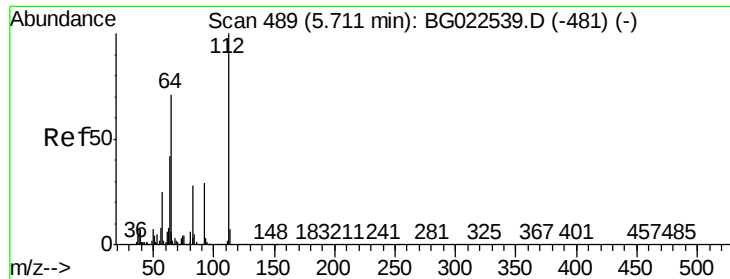
Delta R.T. -0.02 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

Tgt Ion:	42	Resp:	243327
Ion	Ratio	Lower	Upper
42	100		
74	121.6	100.6	150.8
44	6.5	4.5	6.7





#5

2-Fluorophenol

Concen: 79.87 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022651.D

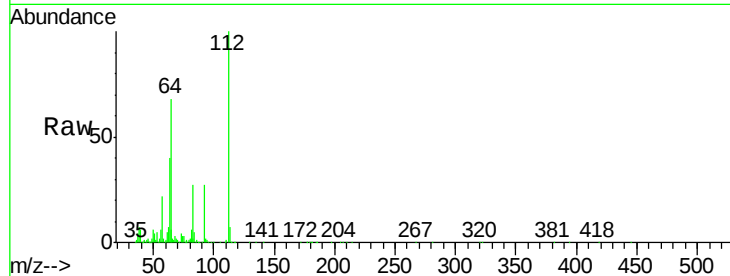
Acq: 27 Jun 2016 20:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

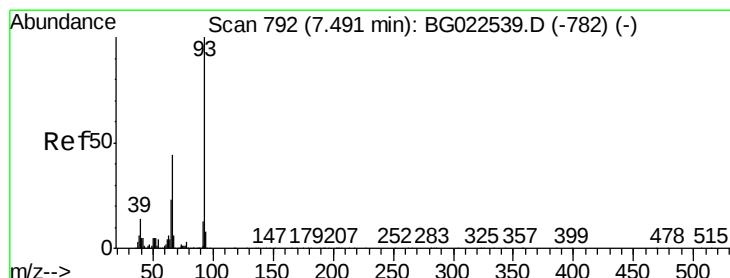
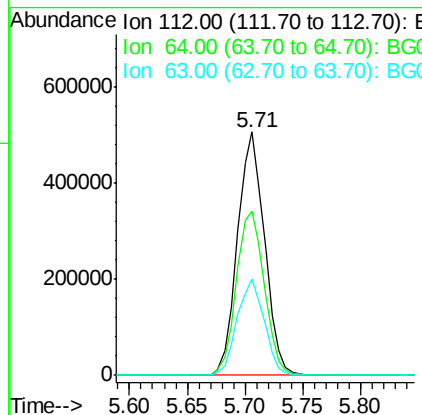
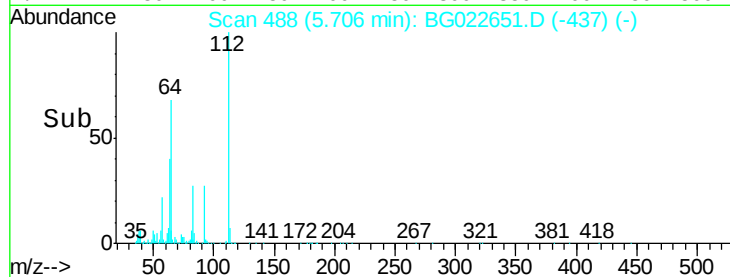


Tot Ion:	112	Resp:	821389
Ion Ratio	Lower	Upper	
112	100		
64	67.7	59.0	88.4
63	39.8	37.8	56.8

Manual Integrations

umangi

6/28/2016 7:27:31 PM



#6

Aniline

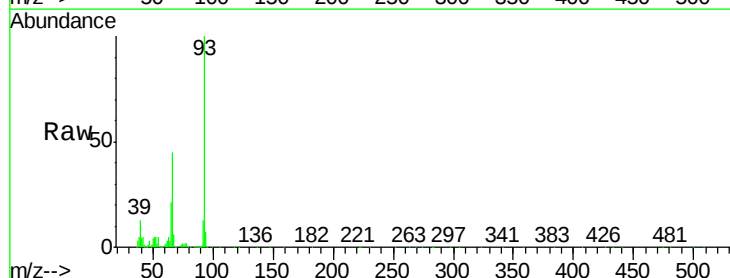
Concen: 44.10 ng

RT: 7.49 min Scan# 791

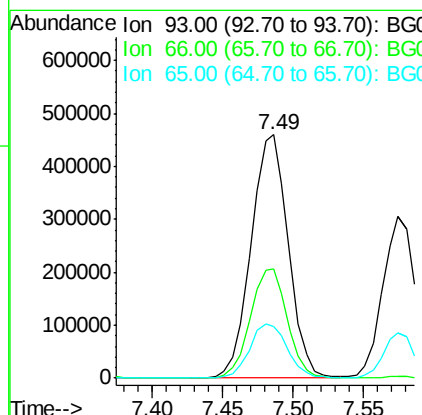
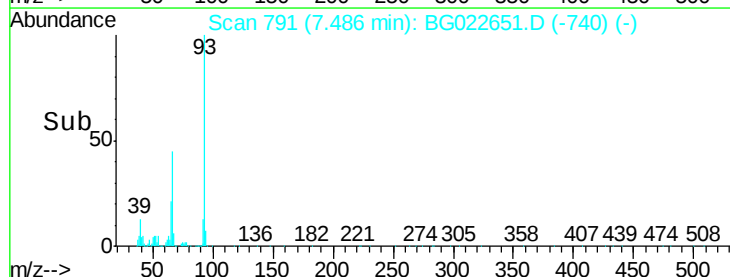
Delta R.T. 0.00 min

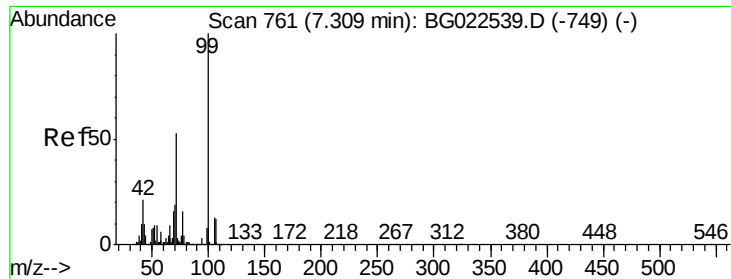
Lab File: BG022651.D

Acq: 27 Jun 2016 20:38



Tgt Ion:	93	Resp:	847482
Ion Ratio	Lower	Upper	
93	100		
66	44.8	37.5	56.3
65	21.4	17.9	26.9





#7

Phenol-d6

Concen: 83.41 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1209066

Ion Ratio Lower Upper

99 100

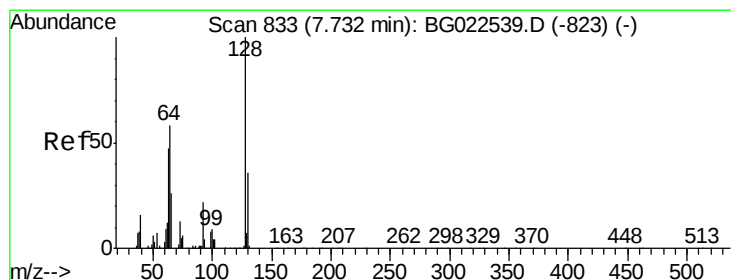
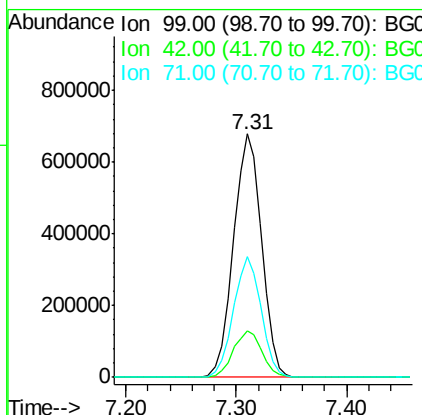
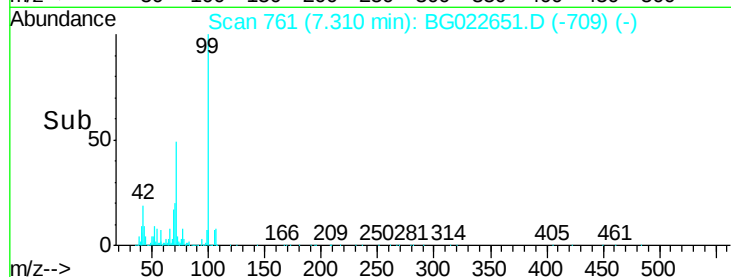
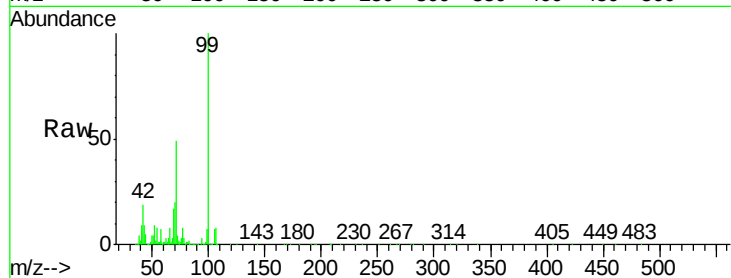
42 19.3 17.8 26.6

71 49.3 41.5 62.3

Manual Integrations

umangi

6/28/2016 7:27:31 PM



#8

2-Chlorophenol

Concen: 40.60 ng

RT: 7.73 min Scan# 832

Delta R.T. 0.00 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

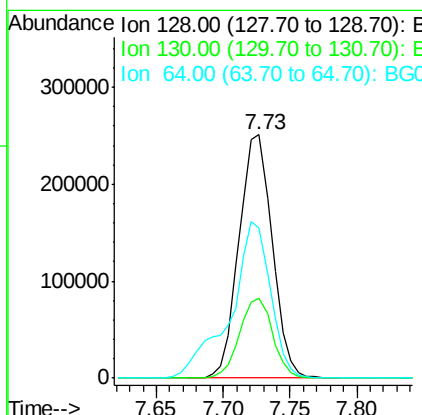
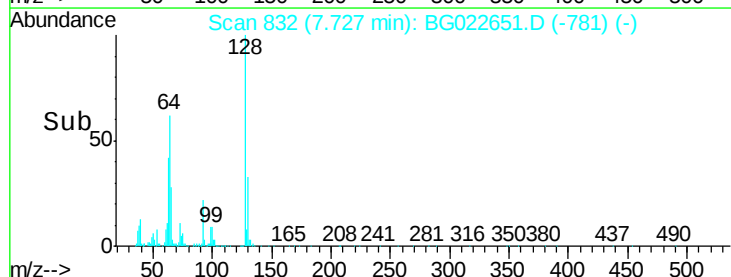
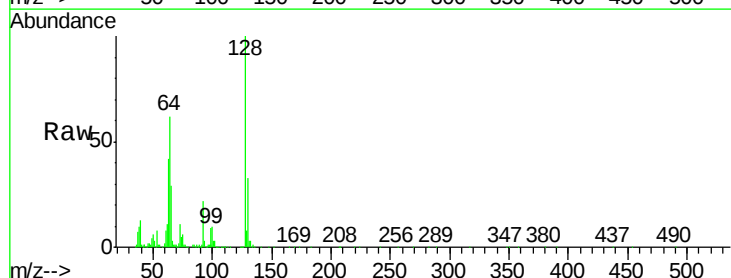
Tgt Ion: 128 Resp: 432512

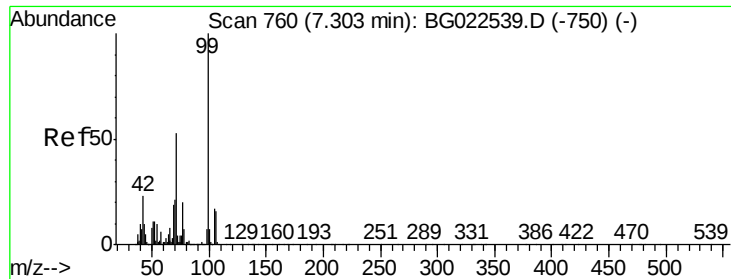
Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

64 61.6 42.0 82.0





#9

Benzaldehyde

Concen: 50.55 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 257858

Ion Ratio Lower Upper

77 100

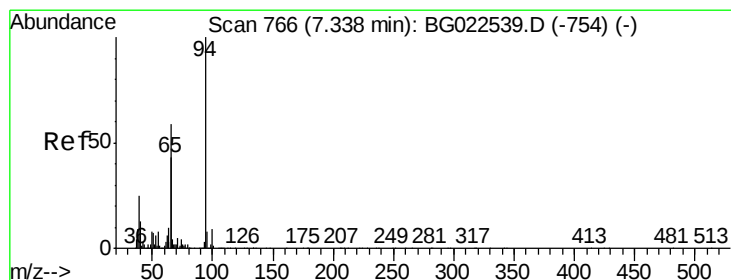
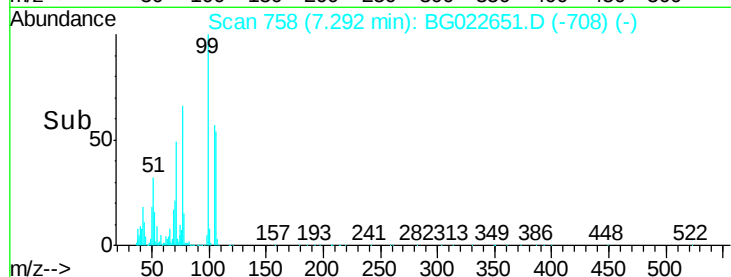
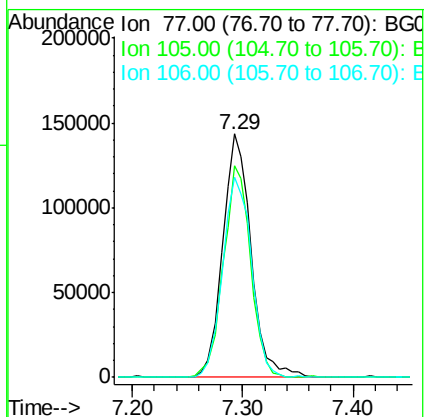
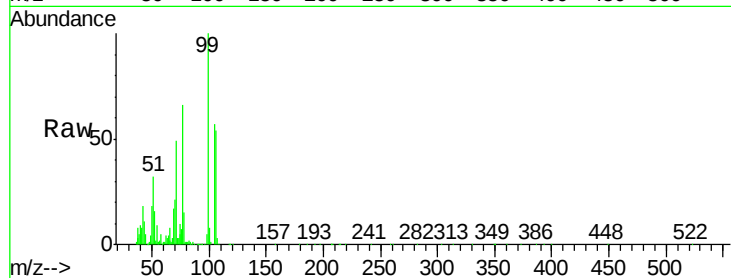
105 86.7 58.7 98.7

106 82.0 67.5 107.5

Manual Integrations

umangi

6/28/2016 7:27:31 PM



#10

Phenol

Concen: 42.25 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

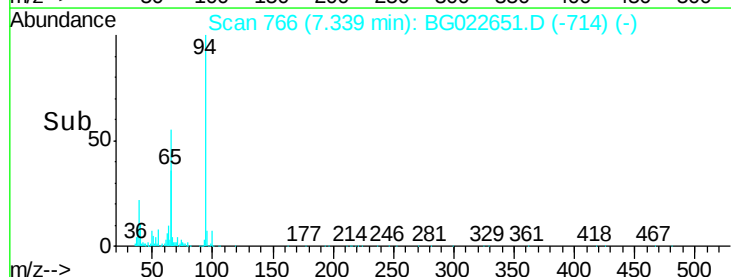
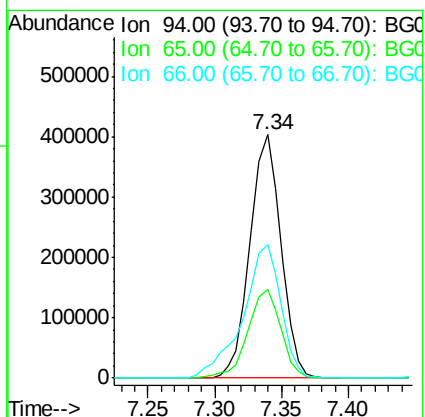
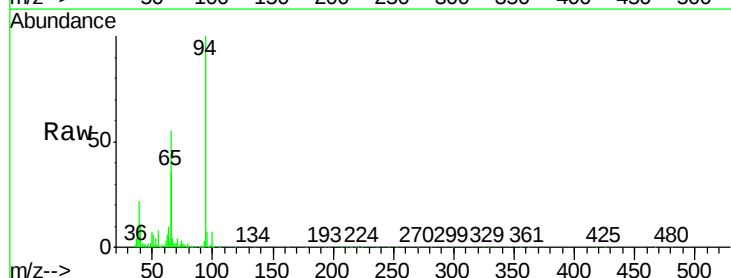
Tgt Ion: 94 Resp: 647267

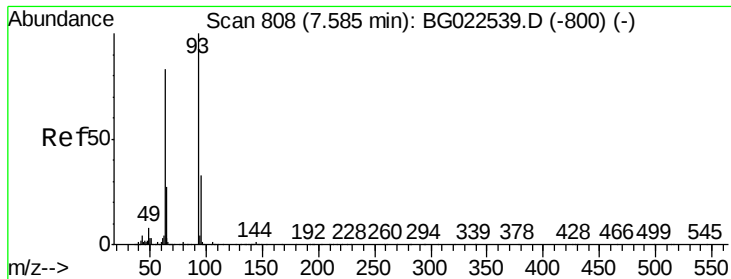
Ion Ratio Lower Upper

94 100

65 36.3 18.1 58.1

66 54.9 42.1 82.1





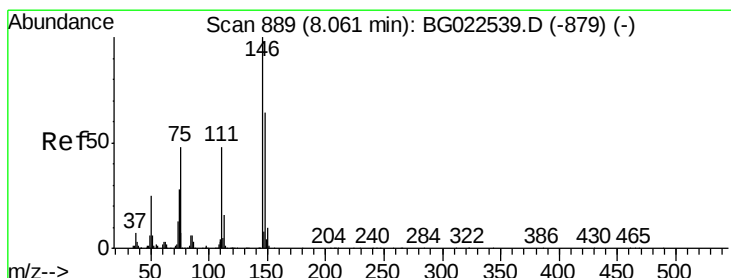
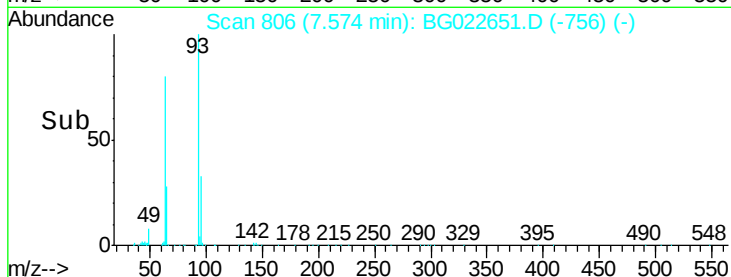
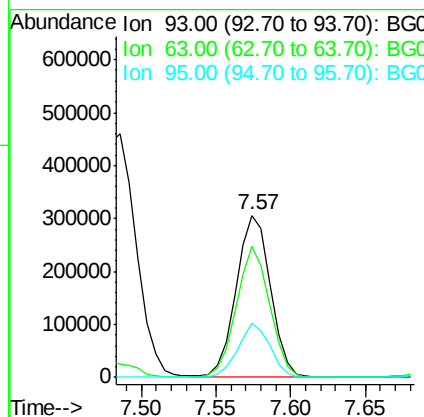
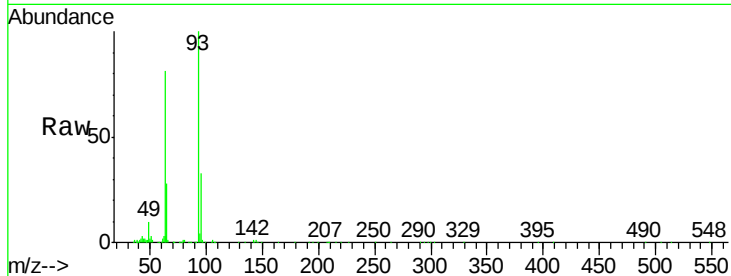
#11
bis(2-Chloroethyl)ether
Concen: 38.75 ng
RT: 7.57 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	488665
Ion	Ratio	Lower	Upper
93	100		
63	81.2	55.0	95.0
95	33.1	11.0	51.0

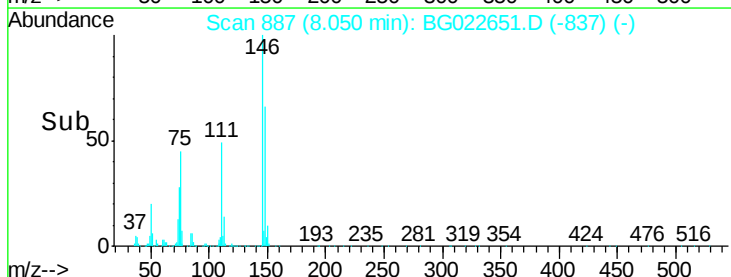
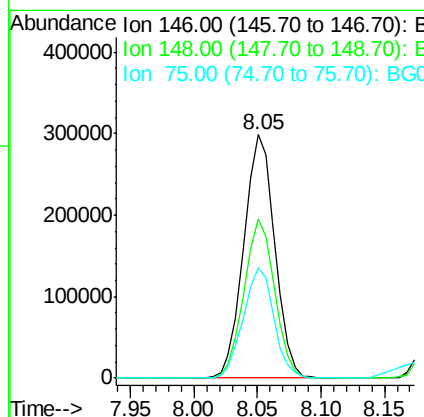
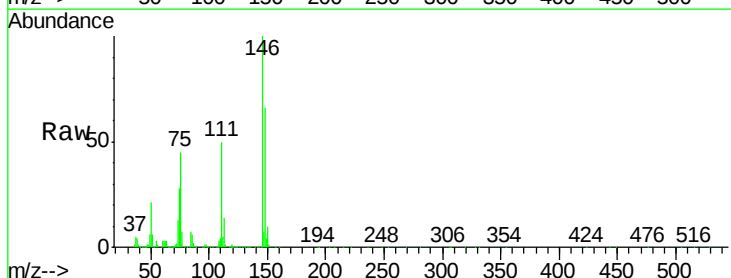
Manual Integrations

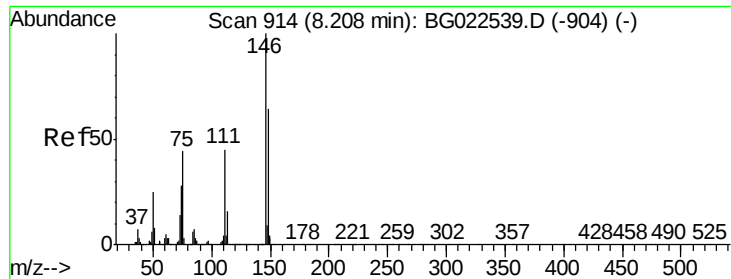
umangi
6/28/2016 7:27:31 PM



#12
1,3-Dichlorobenzene
Concen: 39.04 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Tgt Ion:	146	Resp:	506056
Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.3	75.5
75	45.2	37.0	55.6





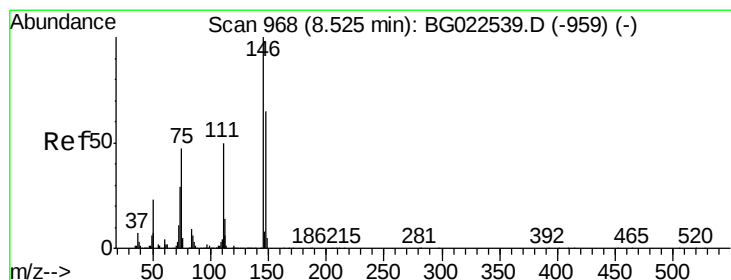
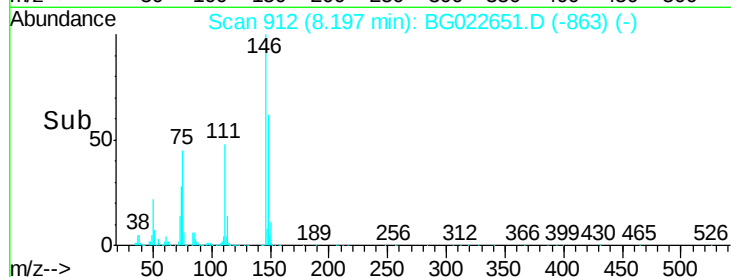
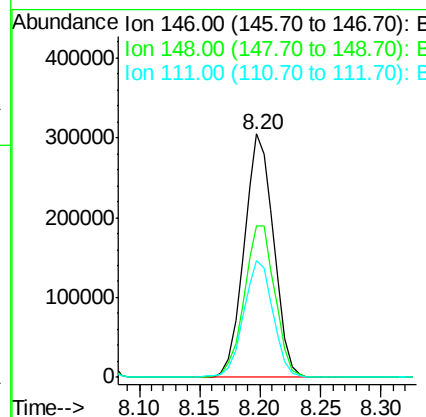
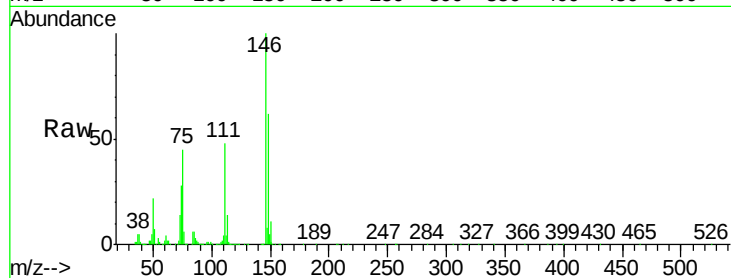
#13
1,4-Dichlorobenzene
Concen: 39.86 ng
RT: 8.20 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	54.5	81.7
111	48.0	37.8	56.8

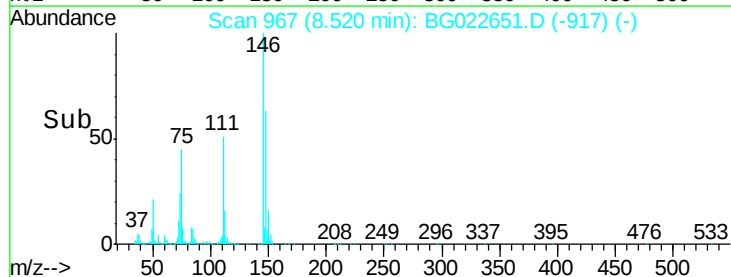
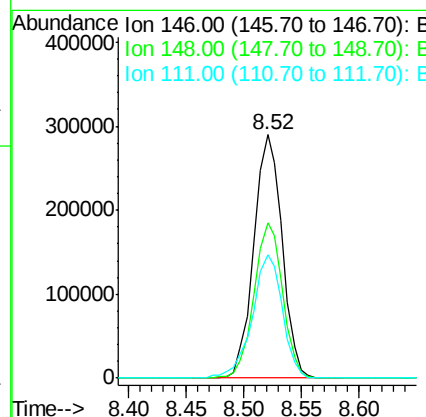
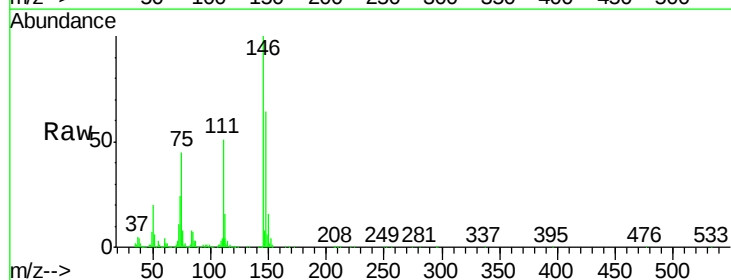
Manual Integrations

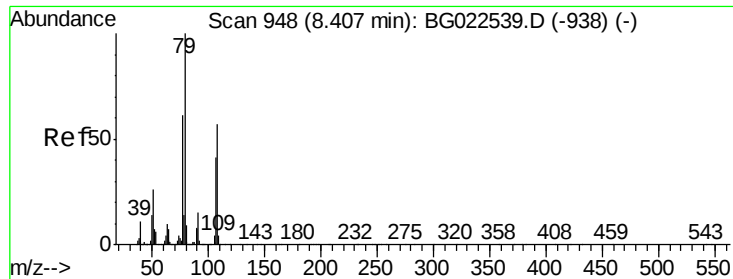
umangi
6/28/2016 7:27:31 PM



#14
1,2-Dichlorobenzene
Concen: 40.09 ng
RT: 8.52 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.9	79.3
111	50.7	43.5	65.3





#15

Benzyl Alcohol

Concen: 44.32 ng

RT: 8.40 min Scan# 947

Delta R.T. 0.00 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

Instrument :

BNA_G

ClientSampleId :

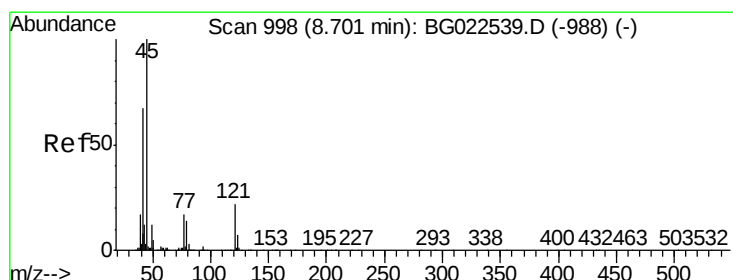
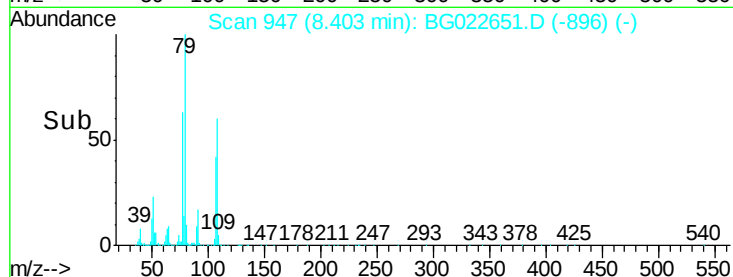
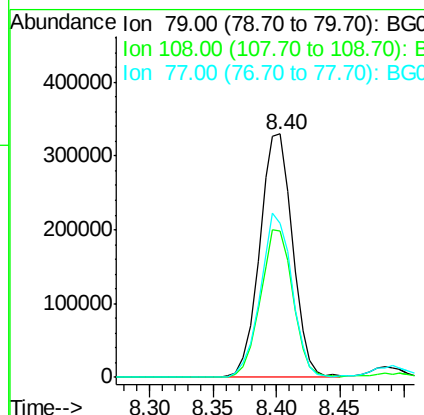
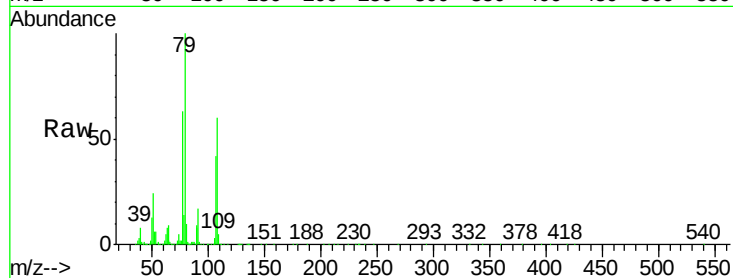
SSTDCCC040

Tot Ion:	79	Resp:	594490
Ion	Ratio	Lower	Upper
79	100		
108	60.2	46.5	69.7
77	63.1	52.3	78.5

Manual Integrations

umangi

6/28/2016 7:27:31 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.11 ng

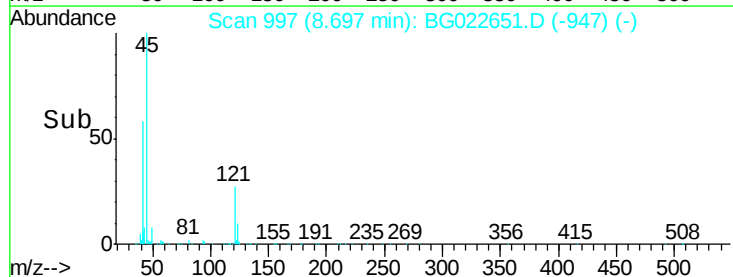
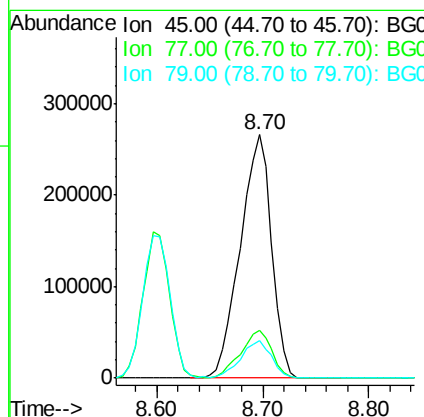
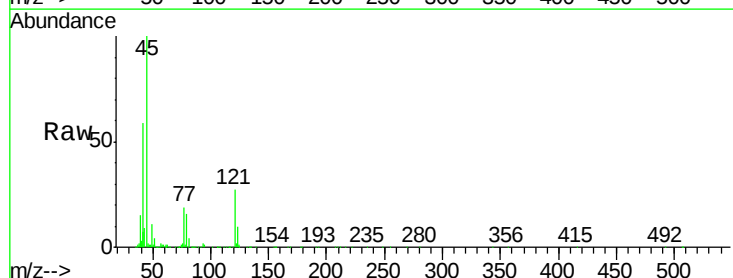
RT: 8.70 min Scan# 997

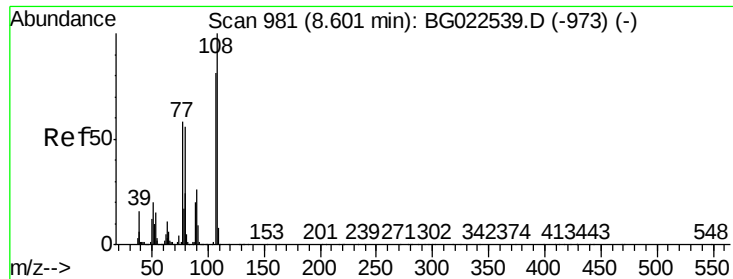
Delta R.T. -0.01 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

Tgt Ion:	45	Resp:	545490
Ion	Ratio	Lower	Upper
45	100		
77	19.5	0.6	40.6
79	15.5	0.0	36.2





#17

2-Methylphenol

Concen: 41.84 ng

RT: 8.60 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

Instrument :

BNA_G

ClientSampleId :

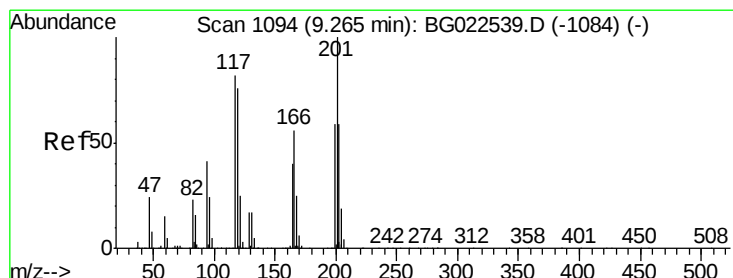
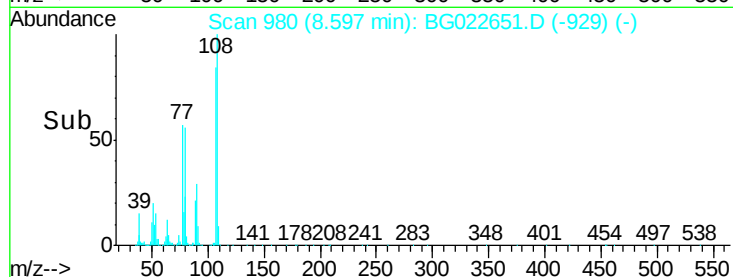
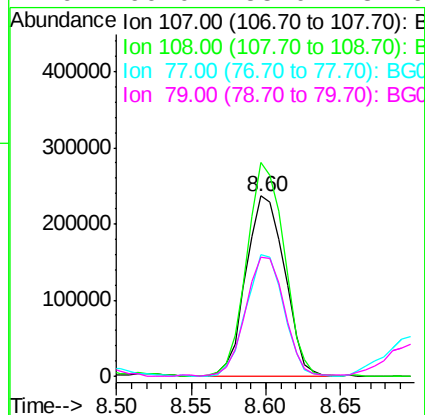
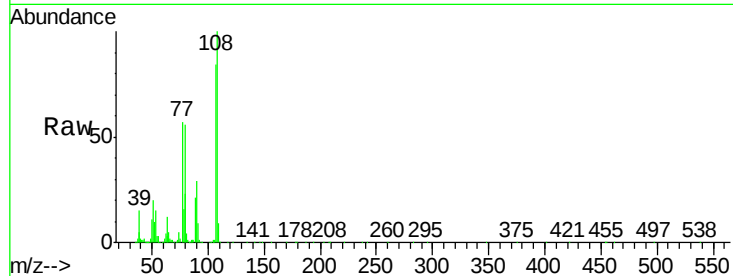
SSTDCCC040

Tot Ion:	107	Resp:	422481
Ion Ratio	Lower	Upper	
107	100		
108	118.6	92.0	138.0
77	67.8	55.8	83.6
79	66.0	55.0	82.6

Manual Integrations

umangi

6/28/2016 7:27:31 PM



#18

Hexachloroethane

Concen: 39.21 ng

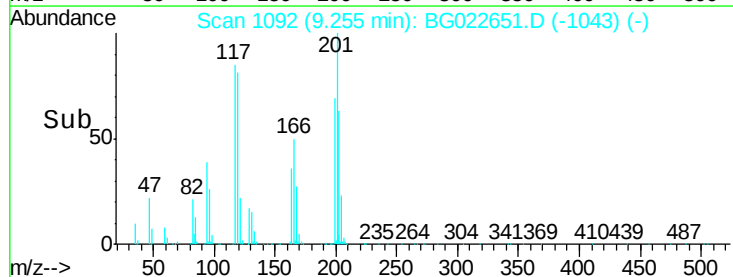
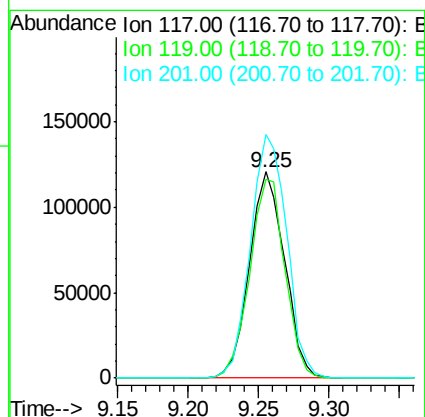
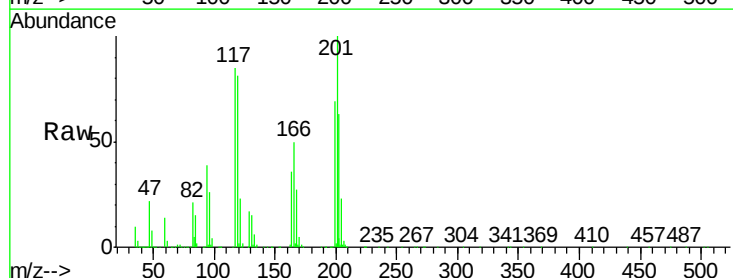
RT: 9.25 min Scan# 1092

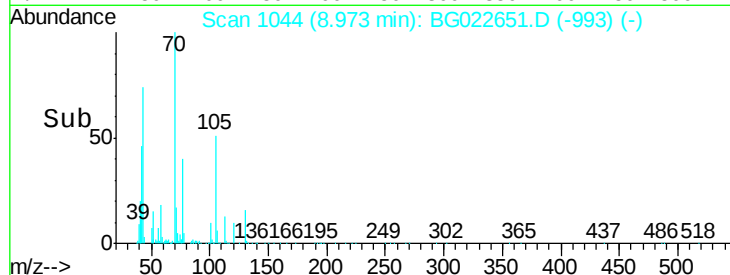
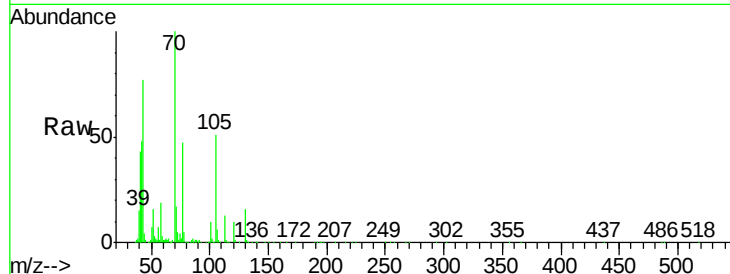
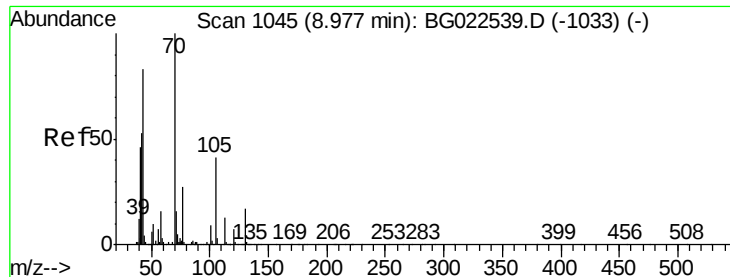
Delta R.T. -0.01 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

Tgt Ion:	117	Resp:	210889
Ion Ratio	Lower	Upper	
117	100		
119	96.2	73.7	110.5
201	118.1	88.7	133.1





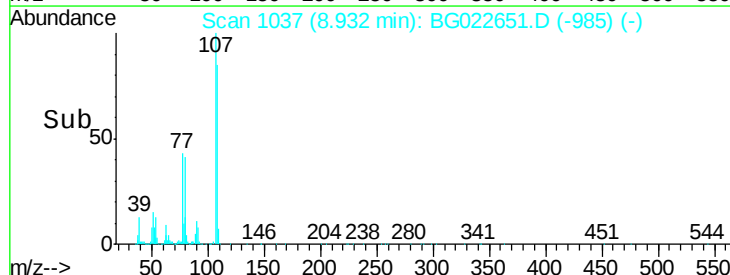
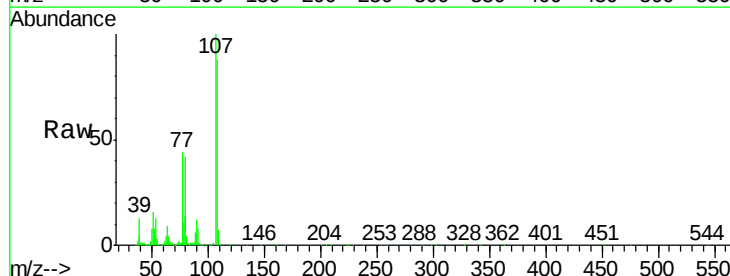
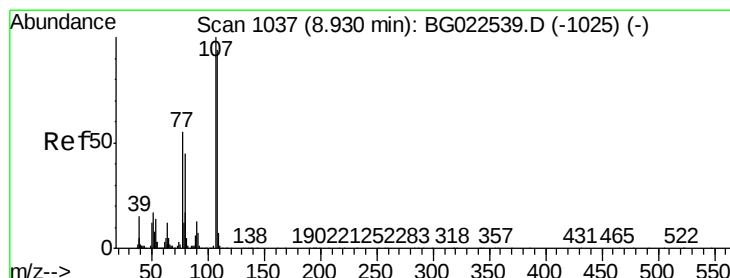
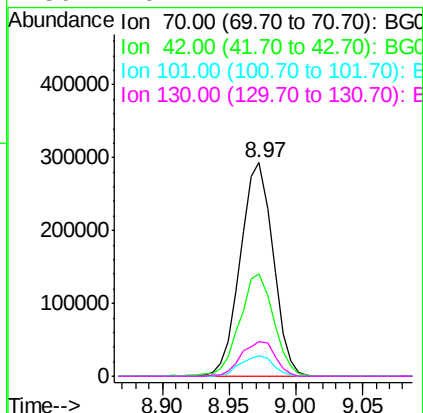
#19
n-Nitroso-di-n-propylamine
Concen: 41.28 ng
RT: 8.97 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.2	42.1	63.1	
101	9.5	7.2	10.8	
130	16.1	14.2	21.2	

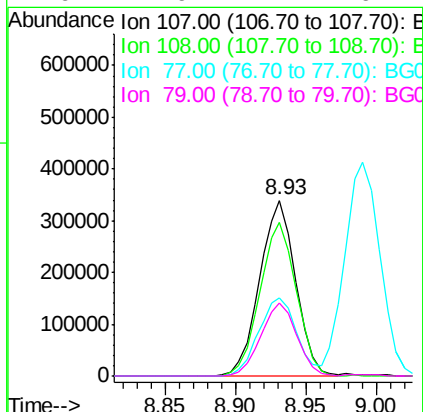
Manual Integrations

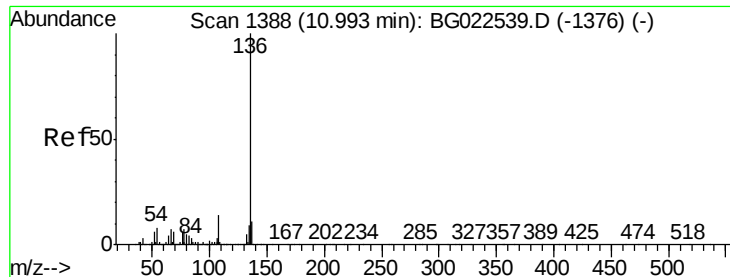
umangi
6/28/2016 7:27:31 PM



#20
3+4-Methylphenols
Concen: 43.44 ng
RT: 8.93 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.8	72.5	112.5	
77	44.2	30.1	70.1	
79	41.9	24.2	64.2	





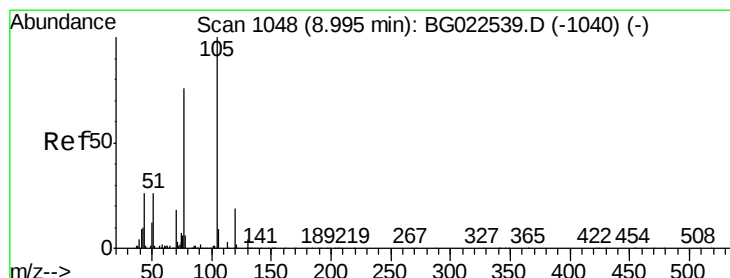
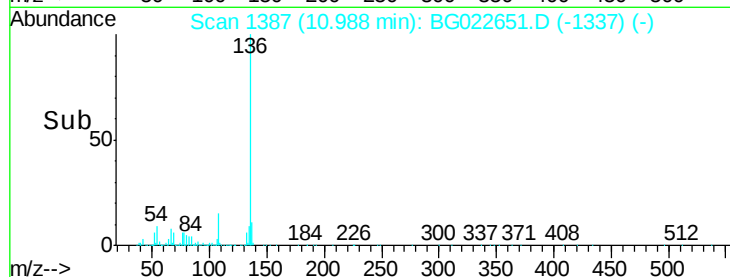
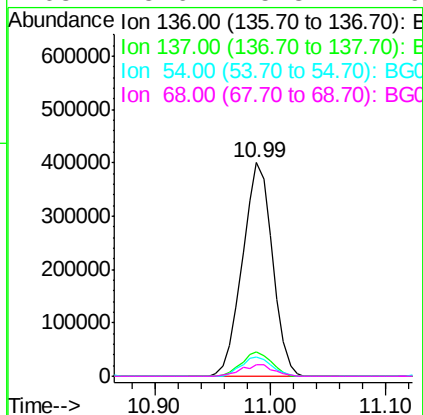
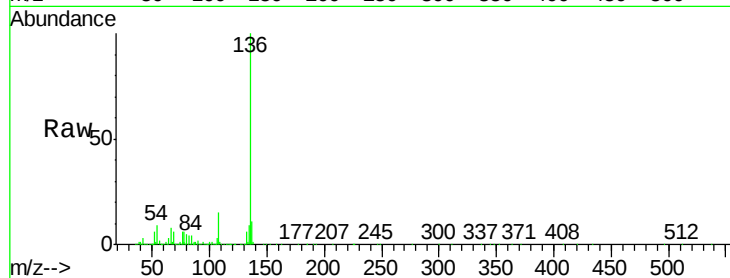
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	9.1	7.3	10.9
68	5.6	5.3	7.9

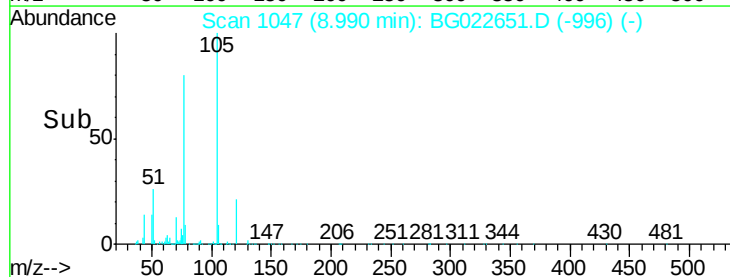
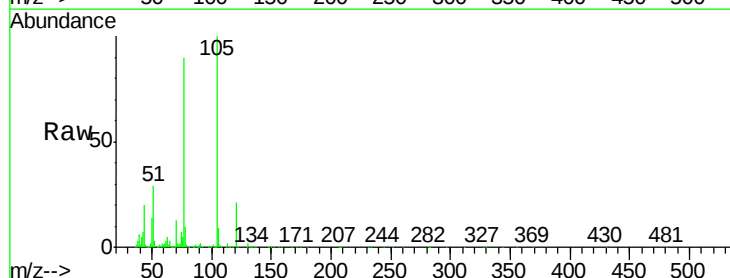
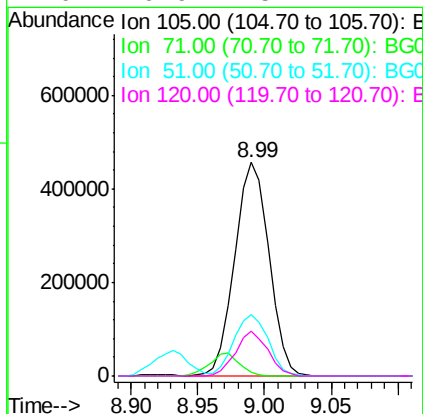
Manual Integrations

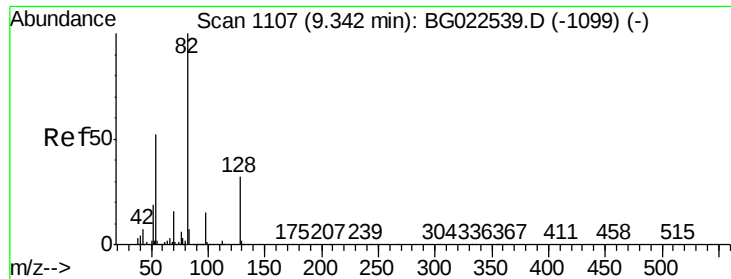
umangi
6/28/2016 7:27:31 PM



#22
Acetophenone
Concen: 38.81 ng
RT: 8.99 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.0	2.6	3.8#
51	28.6	27.1	40.7
120	20.9	15.1	22.7





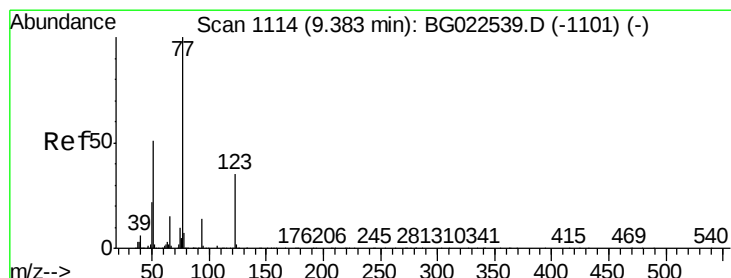
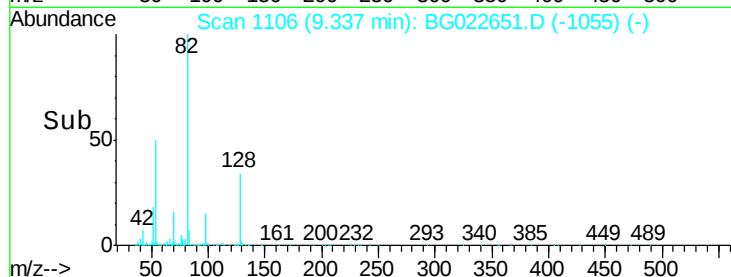
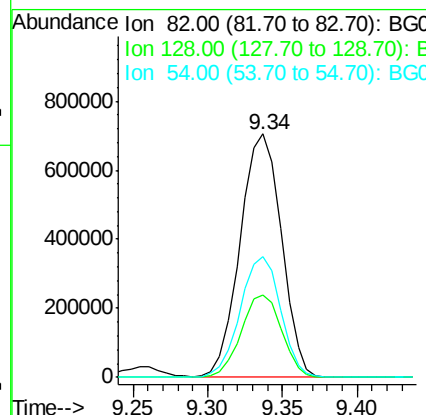
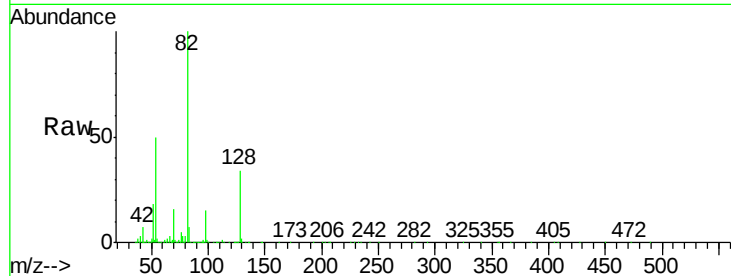
#23
 Nitrobenzene-d5
 Concen: 79.21 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BG022651.D
 Acq: 27 Jun 2016 20:38

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion: 82 Resp: 1352138
 Ion Ratio Lower Upper
 82 100
 128 34.0 24.4 36.6
 54 49.8 41.4 62.0

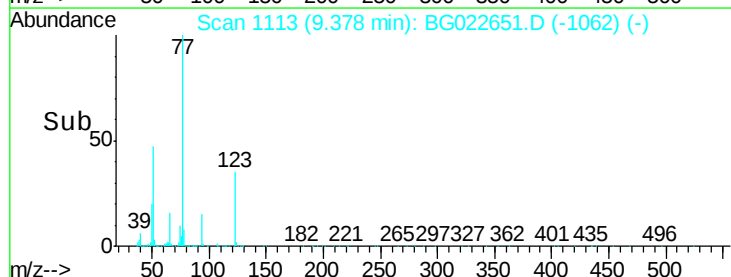
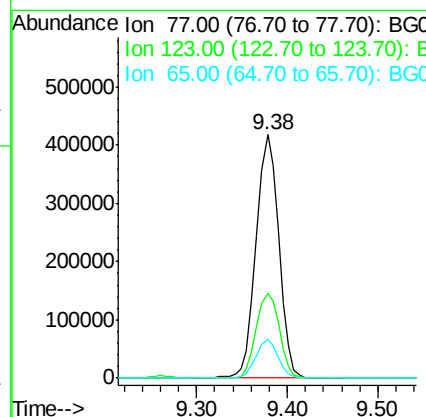
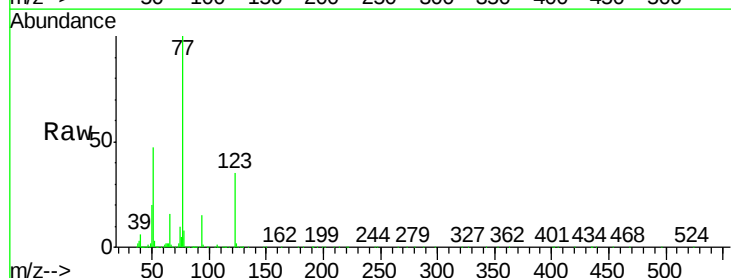
Manual Integrations

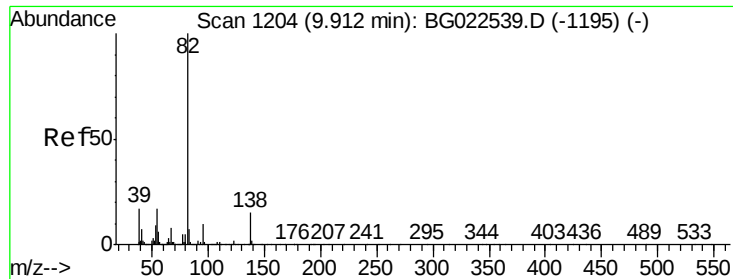
umangi
 6/28/2016 7:27:31 PM



#24
 Nitrobenzene
 Concen: 38.64 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BG022651.D
 Acq: 27 Jun 2016 20:38

Tgt Ion: 77 Resp: 729113
 Ion Ratio Lower Upper
 77 100
 123 35.0 25.0 37.6
 65 15.9 13.4 20.0





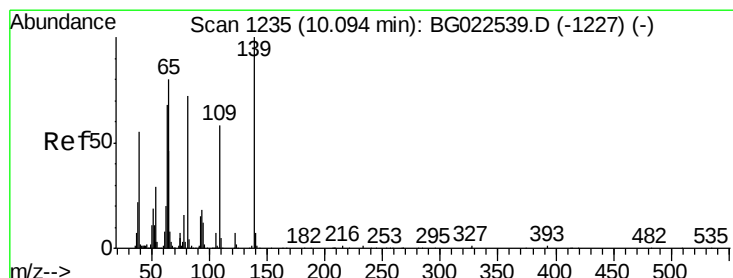
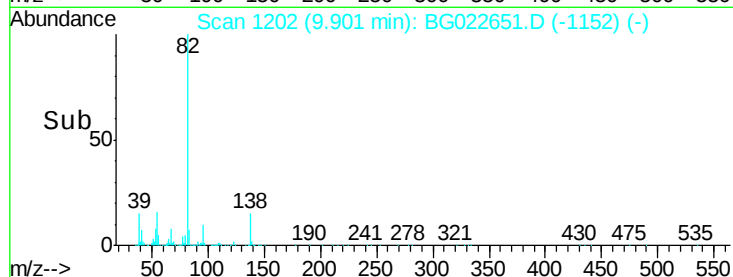
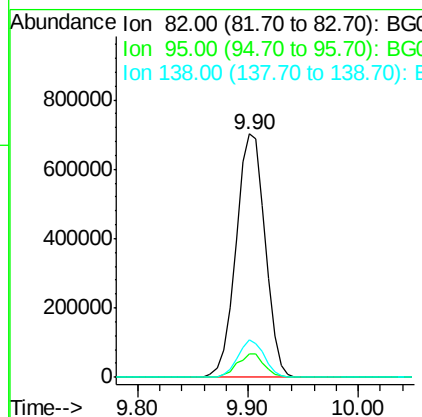
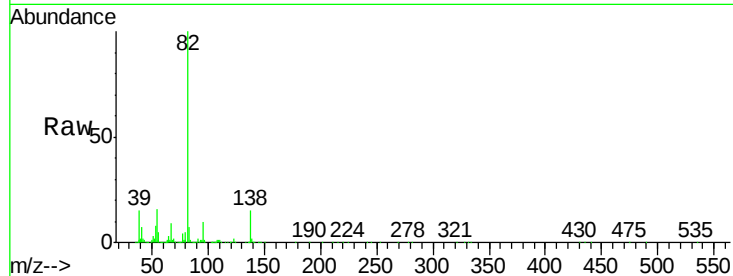
#25
Isophorone
Concen: 39.04 ng
RT: 9.90 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	1293632
Ion	Ratio	Lower	Upper
82	100		
95	9.6	8.2	12.2
138	15.5	10.7	16.1

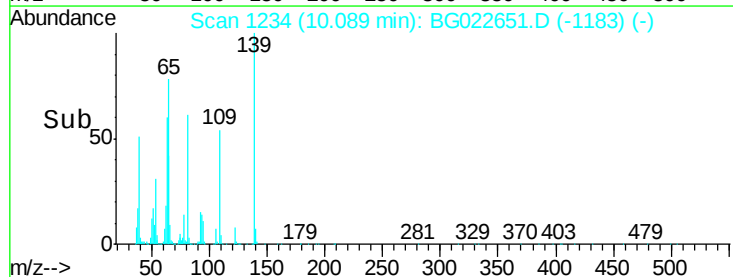
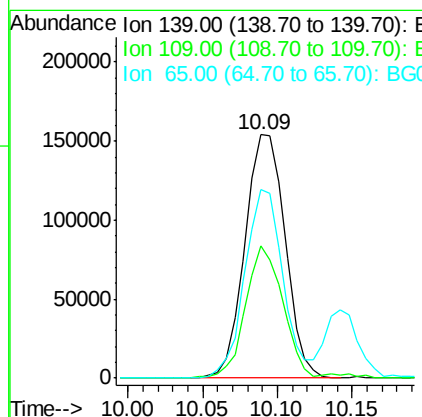
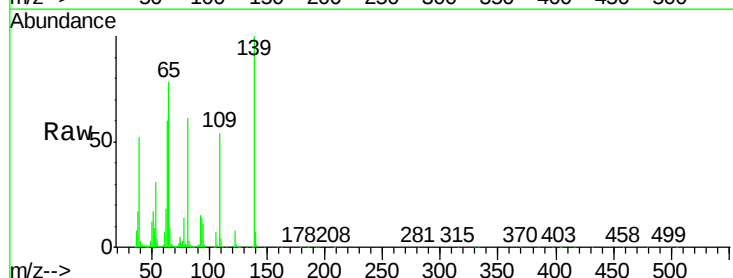
Manual Integrations

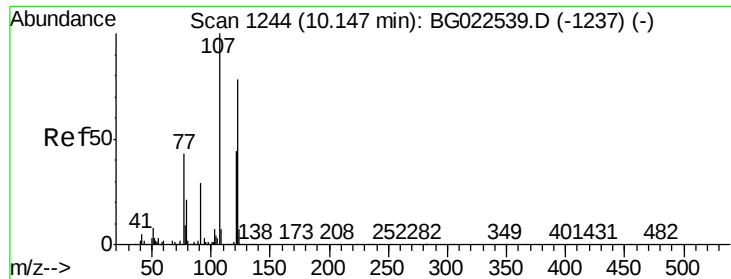
umangi
6/28/2016 7:27:31 PM



#26
2-Nitrophenol
Concen: 42.28 ng
RT: 10.09 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Tgt Ion	139	Resp	287359
Ion	Ratio	Lower	Upper
139	100		
109	54.2	43.5	65.3
65	77.6	64.3	96.5





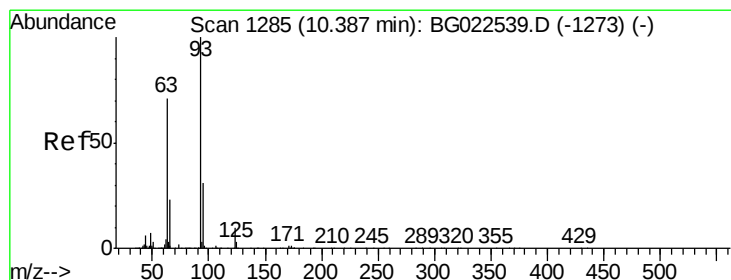
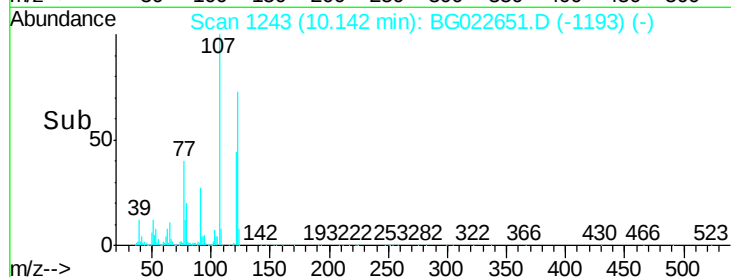
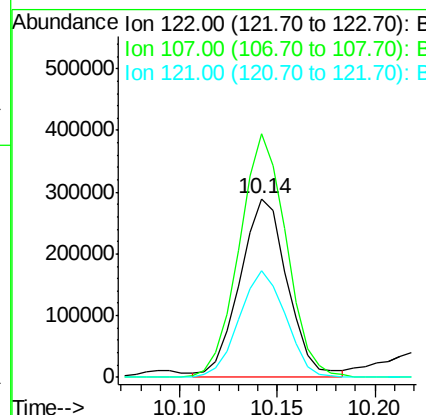
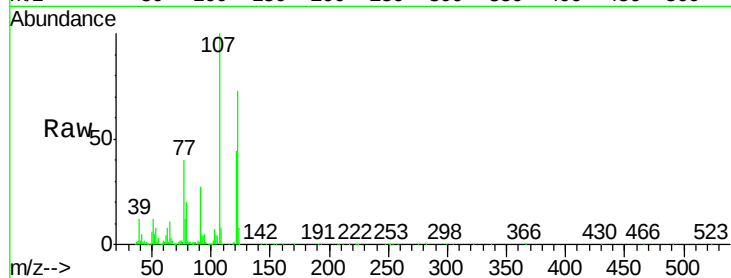
#27
 2,4-Dimethylphenol
 Concen: 37.53 ng
 RT: 10.14 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BG022651.D
 Acq: 27 Jun 2016 20:38

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.3	117.0	175.4
121	59.7	50.1	75.1

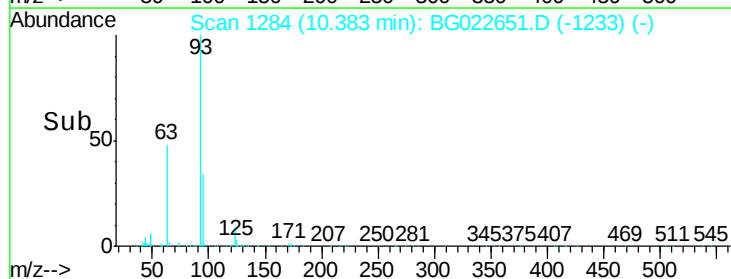
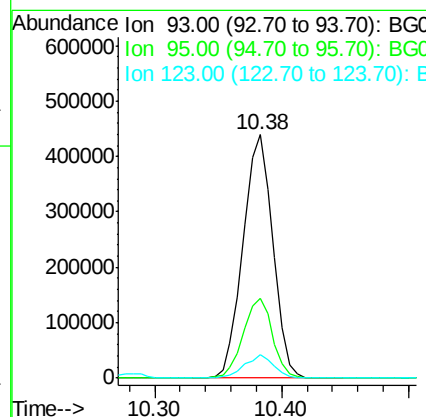
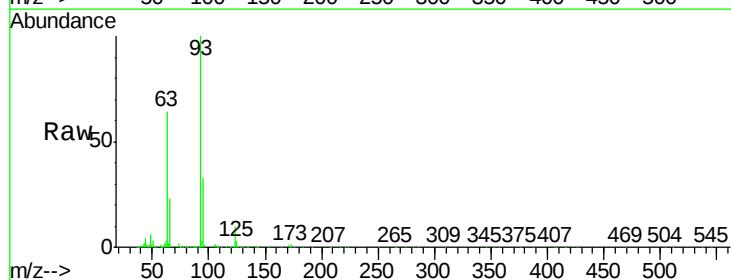
Manual Integrations

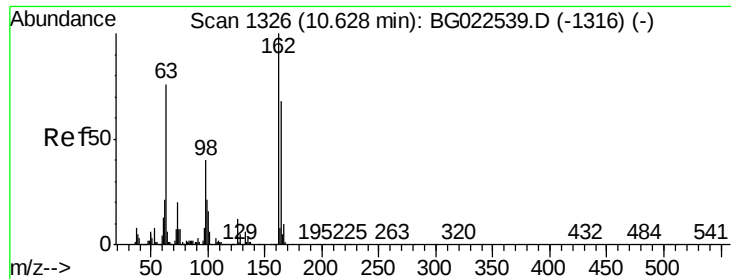
umangi
 6/28/2016 7:27:31 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.53 ng
 RT: 10.38 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BG022651.D
 Acq: 27 Jun 2016 20:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.4	38.2
123	9.6	8.2	12.2





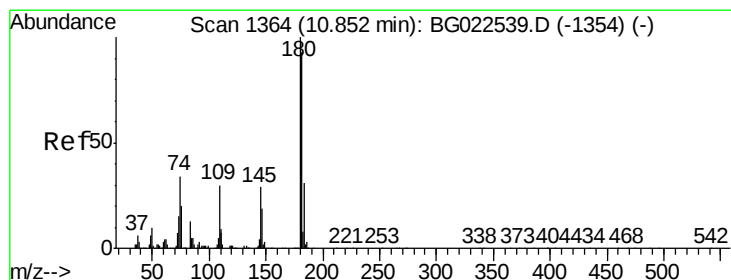
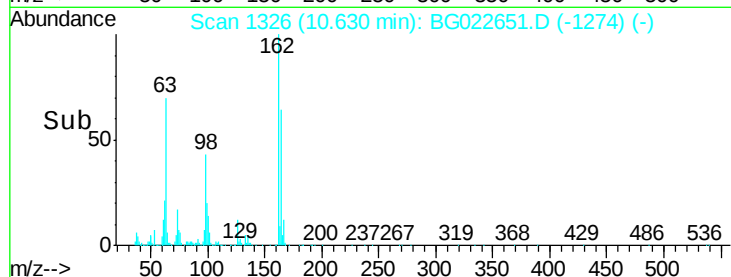
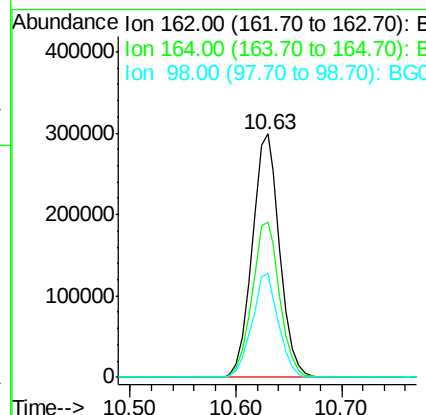
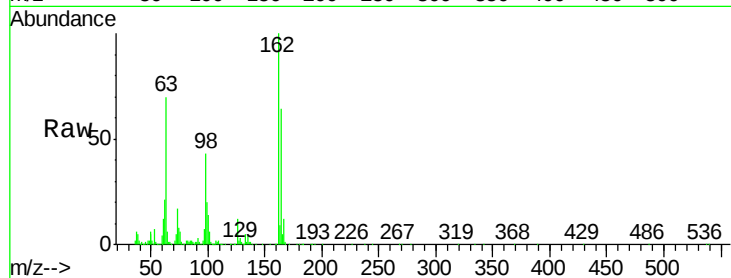
#29
2,4-Dichlorophenol
Concen: 42.40 ng
RT: 10.63 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.3	84.3
98	43.0	19.5	59.5

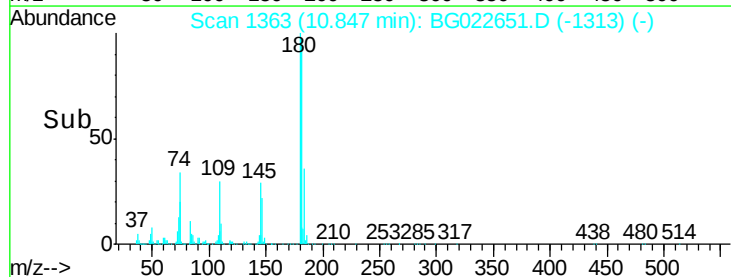
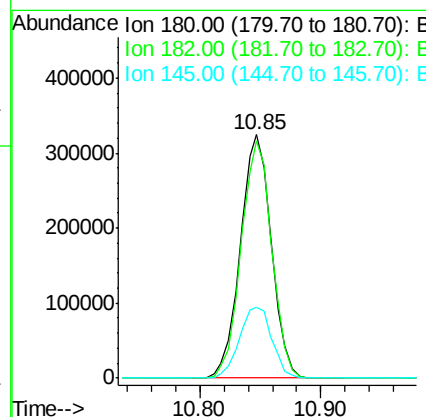
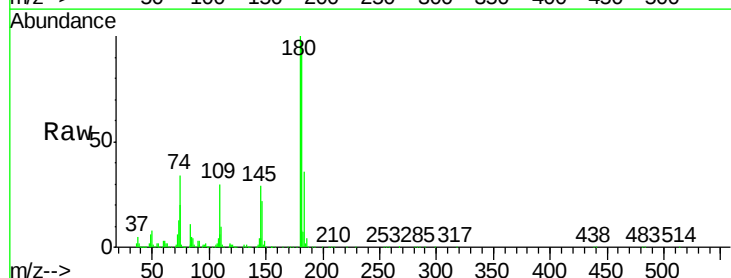
Manual Integrations

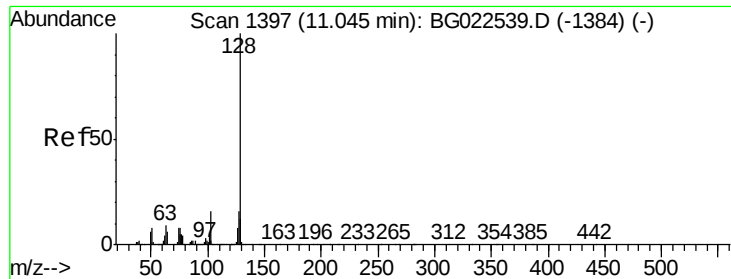
umangi
6/28/2016 7:27:31 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.54 ng
RT: 10.85 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	73.8	110.8
145	29.0	24.4	36.6





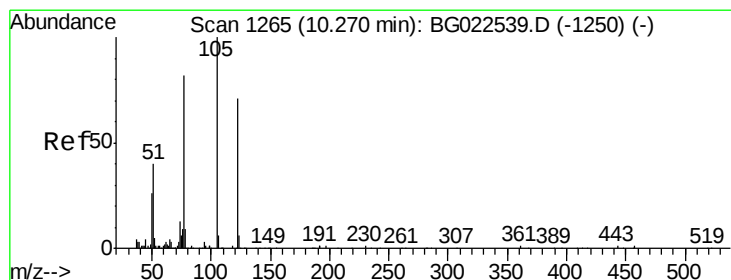
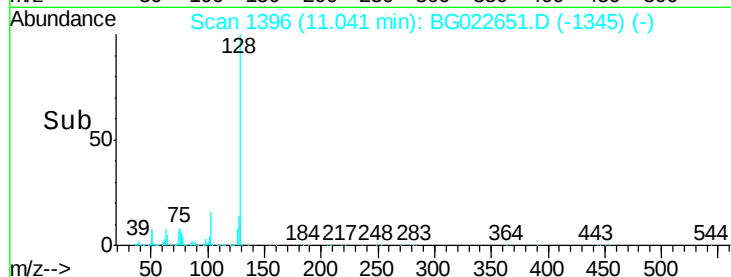
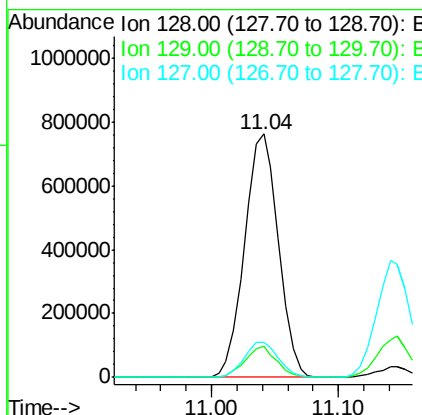
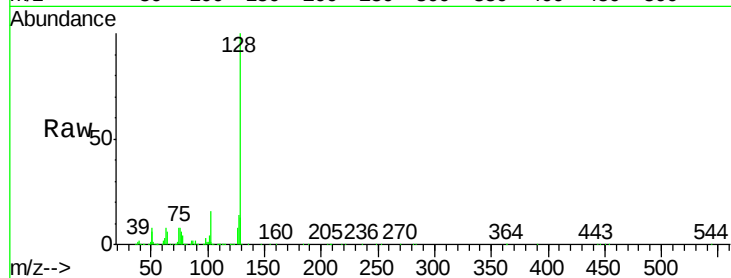
#31
Naphthalene
Concen: 38.84 ng
RT: 11.04 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1410475
Ion Ratio Lower Upper
128 100
129 12.6 9.4 14.0
127 14.2 11.3 16.9

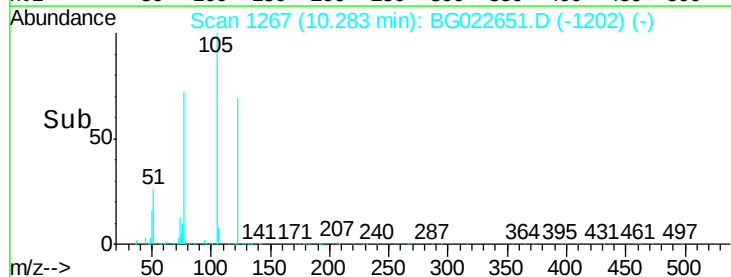
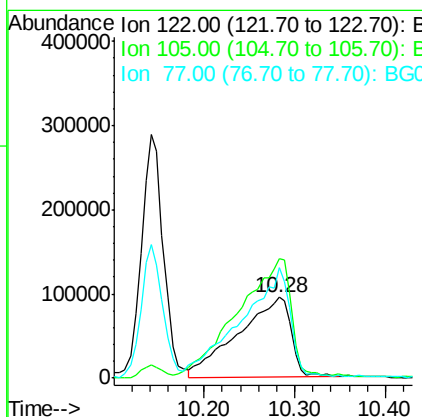
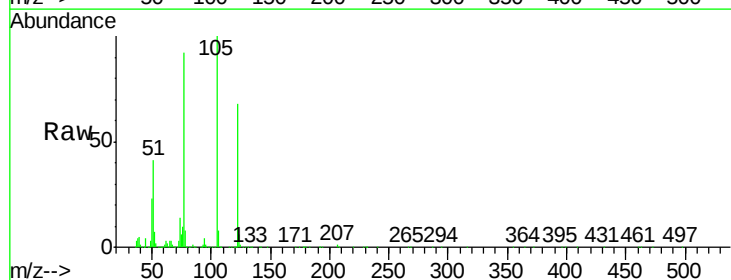
Manual Integrations

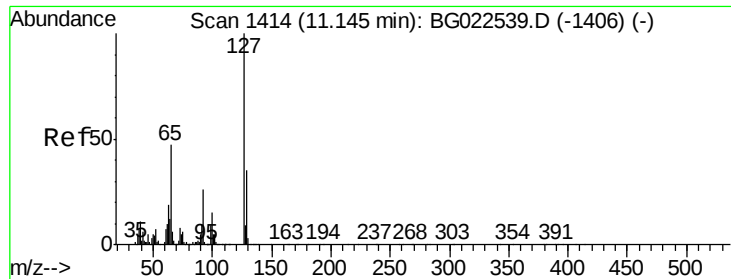
umangi
6/28/2016 7:27:31 PM



#32
Benzoic acid
Concen: 45.31 ng
RT: 10.28 min Scan# 1267
Delta R.T. 0.08 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Tgt Ion:122 Resp: 381849
Ion Ratio Lower Upper
122 100
105 147.0 117.2 157.2
77 136.0 109.2 149.2





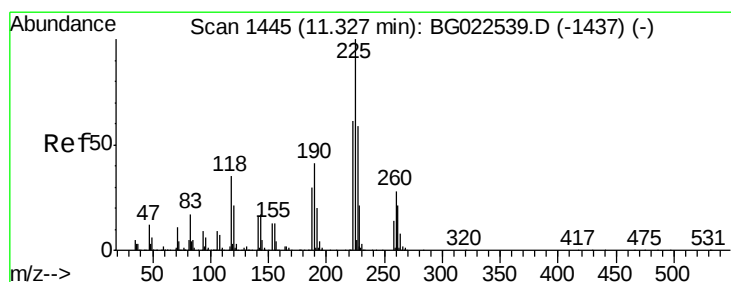
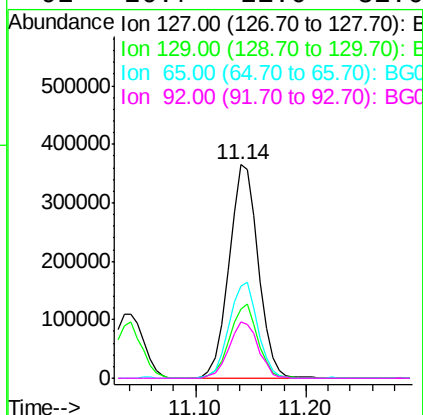
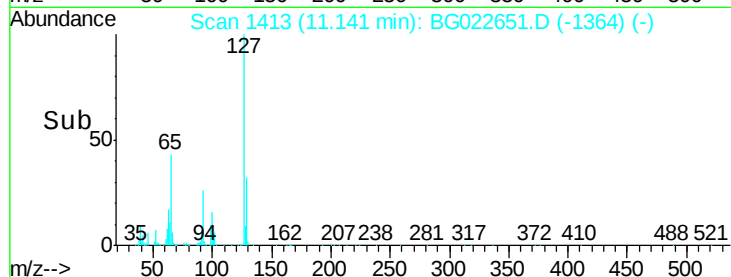
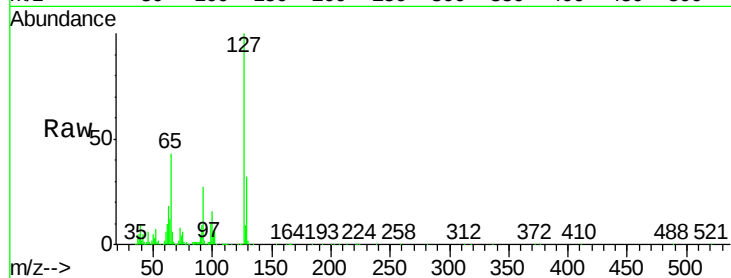
#33
4-Chloroaniline
Concen: 43.39 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	27.9	41.9		
65	43.4	36.8	55.2		
92	26.7	21.0	31.6		

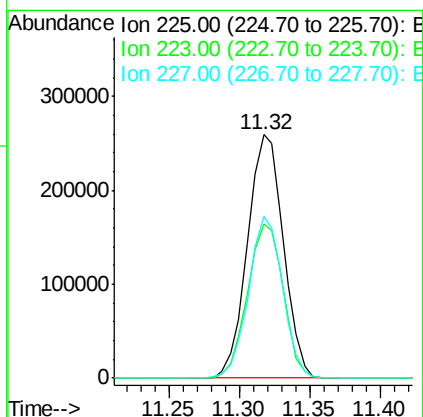
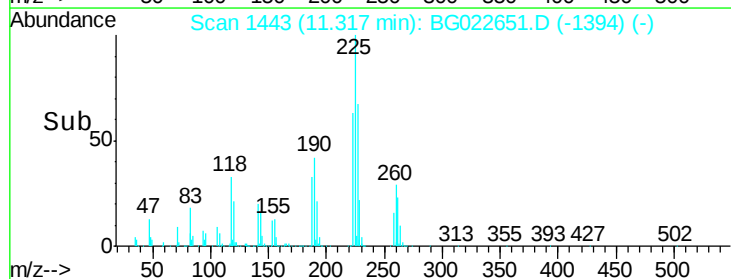
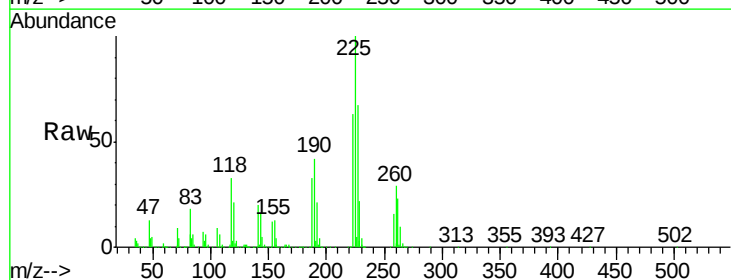
Manual Integrations

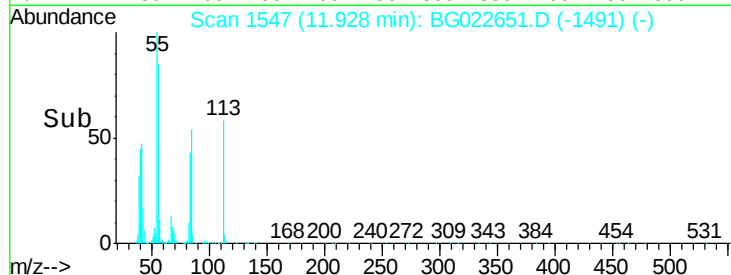
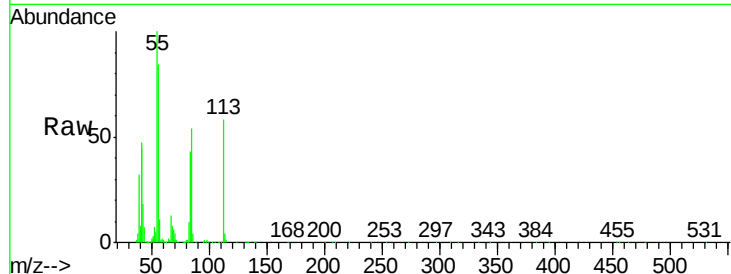
umangi
6/28/2016 7:27:31 PM



#34
Hexachlorobutadiene
Concen: 39.58 ng
RT: 11.32 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	49.6	74.4		
227	66.6	54.5	81.7		





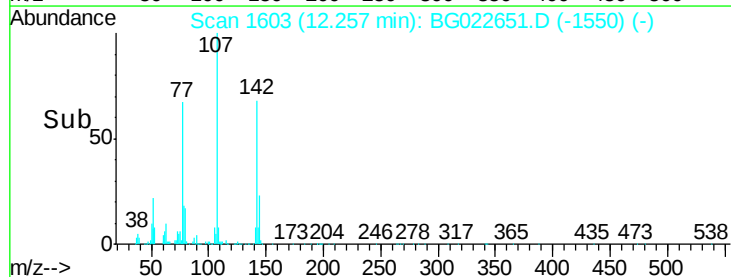
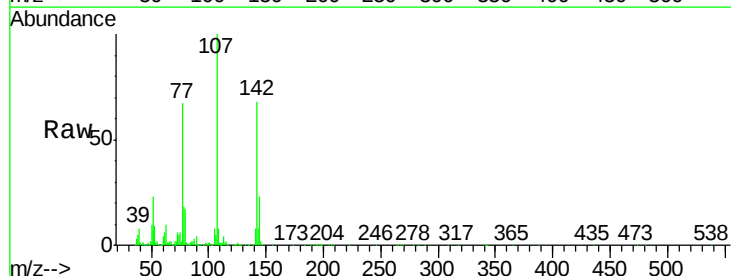
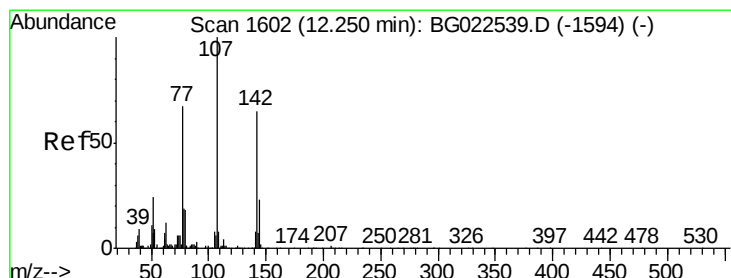
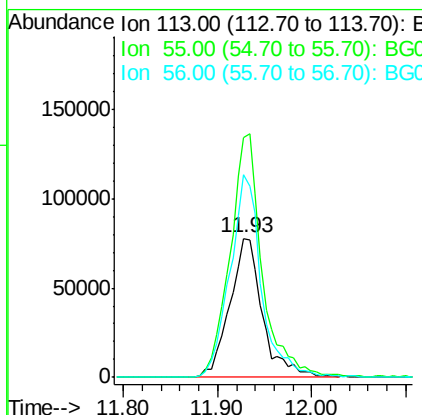
#35
 Caprolactam
 Concen: 46.96 ng
 RT: 11.93 min Scan# 1547
 Delta R.T. 0.03 min
 Lab File: BG022651.D
 Acq: 27 Jun 2016 20:38

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		187159		
55	172.7	154.5	194.5		
56	145.8	125.1	165.1		

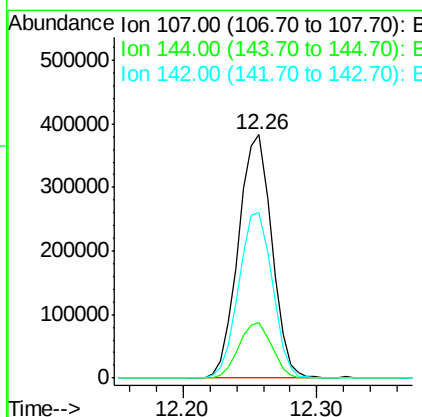
Manual Integrations

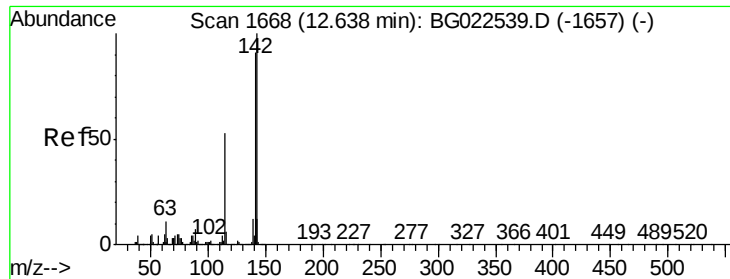
umangi
 6/28/2016 7:27:31 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.90 ng
 RT: 12.26 min Scan# 1603
 Delta R.T. 0.01 min
 Lab File: BG022651.D
 Acq: 27 Jun 2016 20:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		666210		
144	22.8	17.0	25.6		
142	67.9	53.0	79.6		





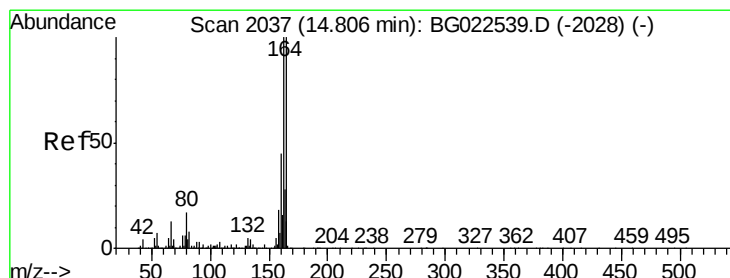
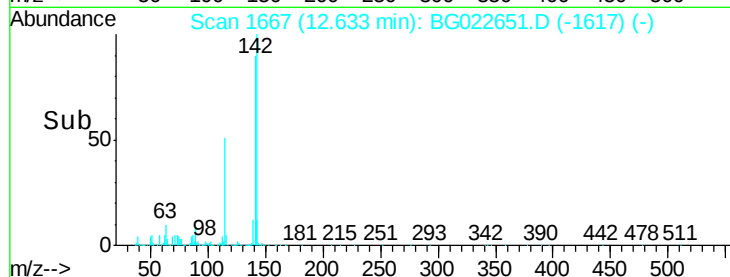
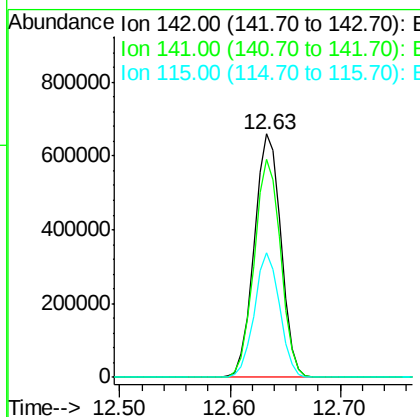
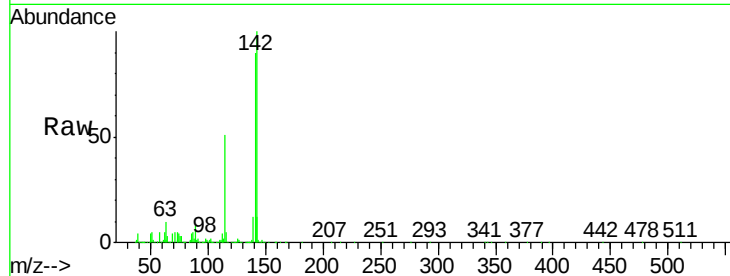
#37
2-Methylnaphthalene
Concen: 39.84 ng
RT: 12.63 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.2	105.2
115	51.0	41.7	62.5

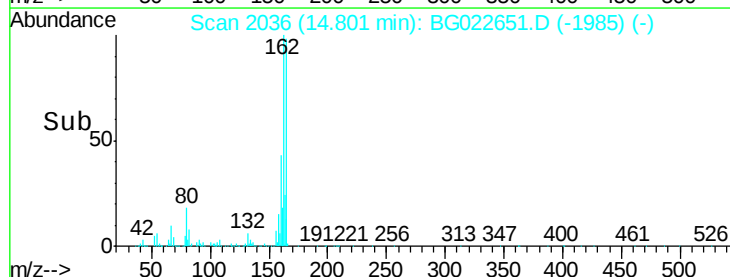
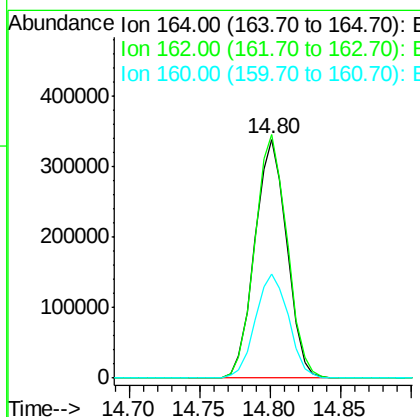
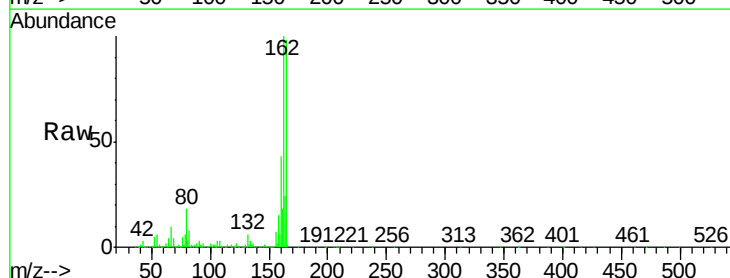
Manual Integrations

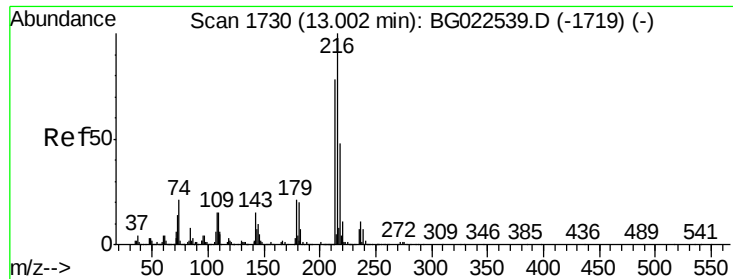
umangi
6/28/2016 7:27:31 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	87.7	131.5
160	43.6	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.29 ng

RT: 13.00 min Scan# 1729

Delta R.T. 0.00 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

Instrument :

BNA_G

ClientSampleId :

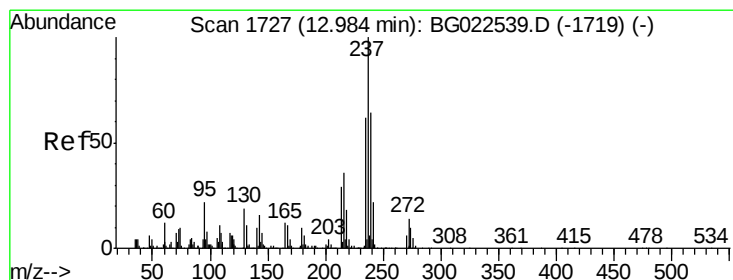
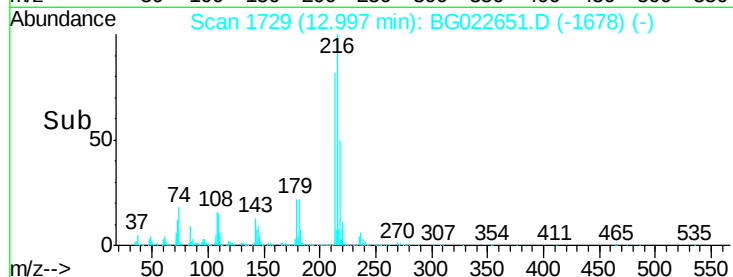
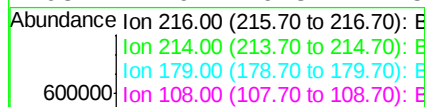
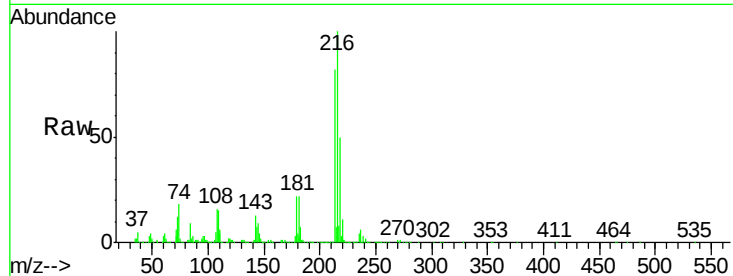
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
216	100		
214	80.2	62.9	94.3
179	21.1	17.2	25.8
108	17.9	16.3	24.5

Manual Integrations

umangi

6/28/2016 7:27:31 PM



#40

Hexachlorocyclopentadiene

Concen: 34.34 ng

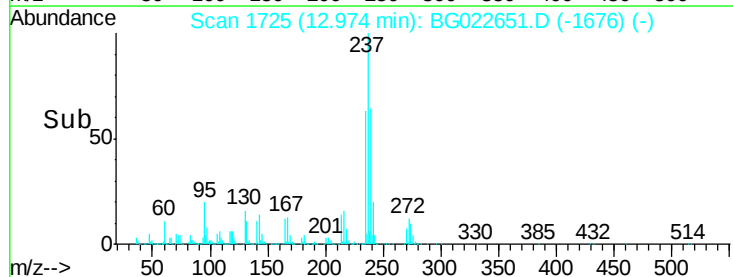
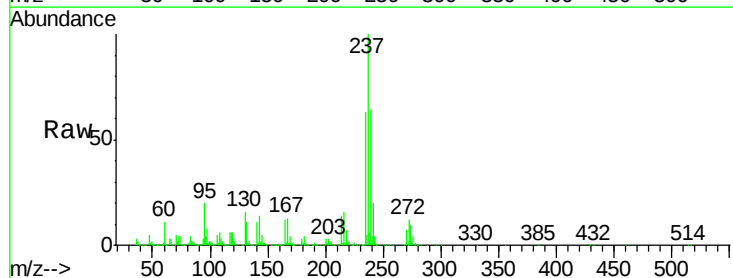
RT: 12.97 min Scan# 1725

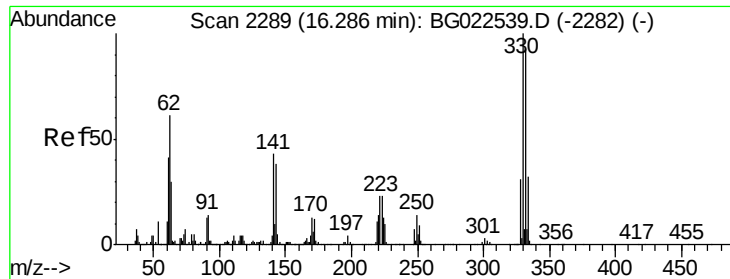
Delta R.T. -0.01 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.1	83.1
272	12.2	0.0	30.9





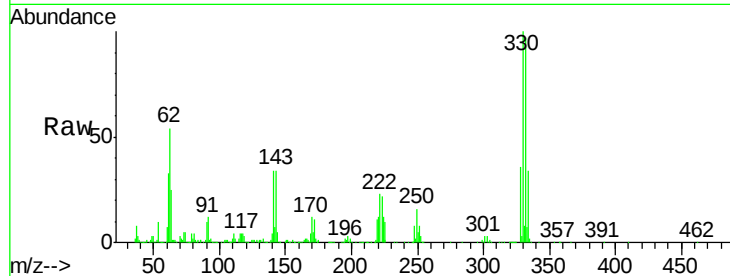
#41
 2,4,6-Tribromophenol
 Concen: 83.23 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: BG022651.D
 Acq: 27 Jun 2016 20:38

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

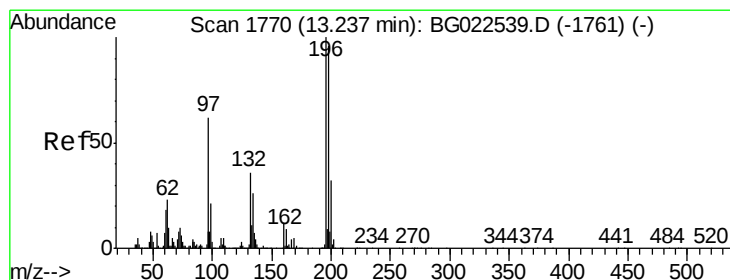
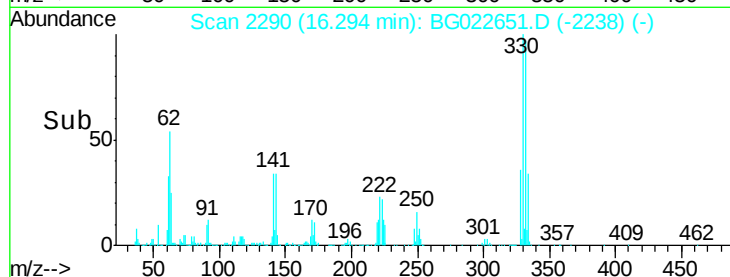
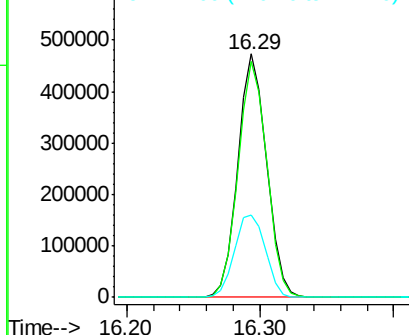
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	36.9	31.7	47.5

Manual Integrations

umangi
 6/28/2016 7:27:31 PM

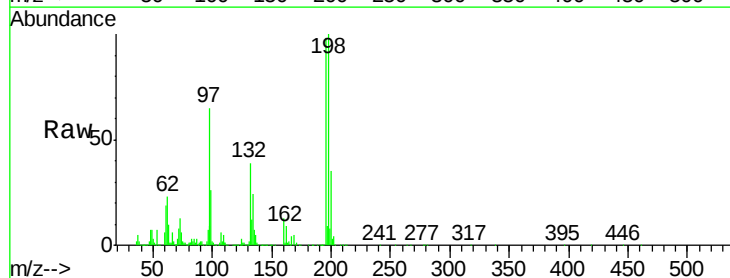


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

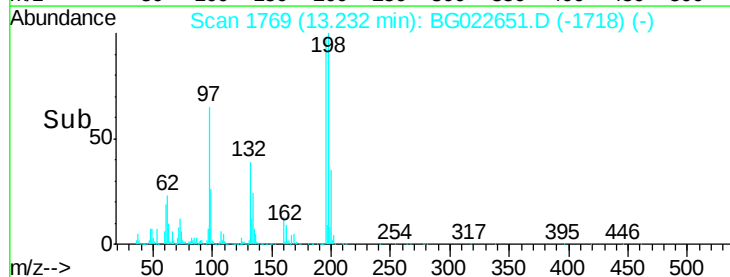
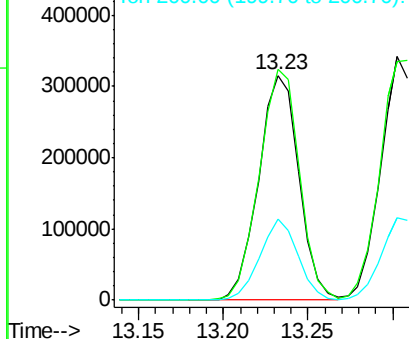


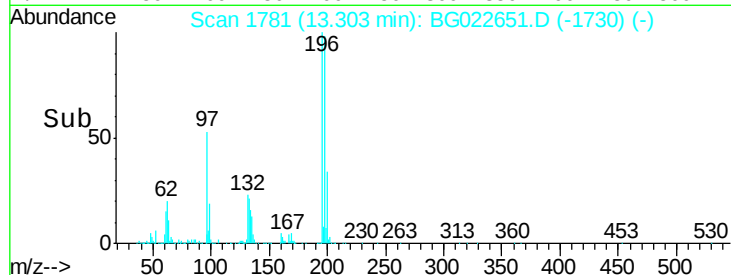
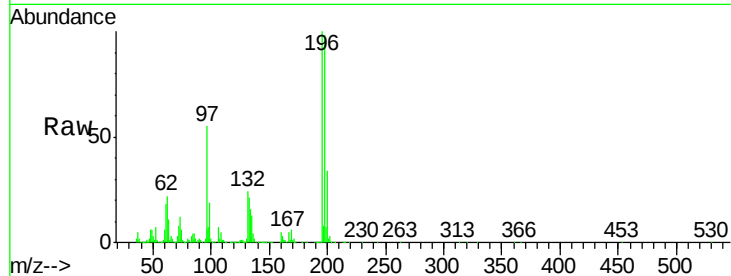
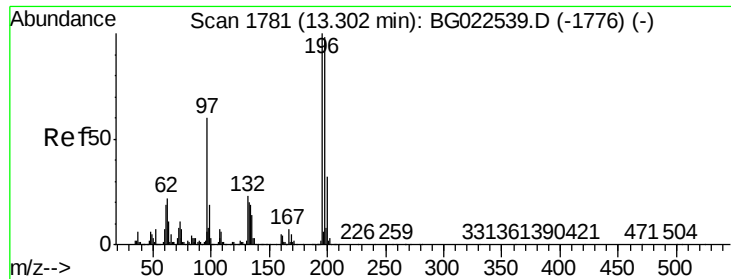
#42
 2,4,6-Trichlorophenol
 Concen: 40.04 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BG022651.D
 Acq: 27 Jun 2016 20:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.5	78.2	117.2
200	36.3	27.0	40.4



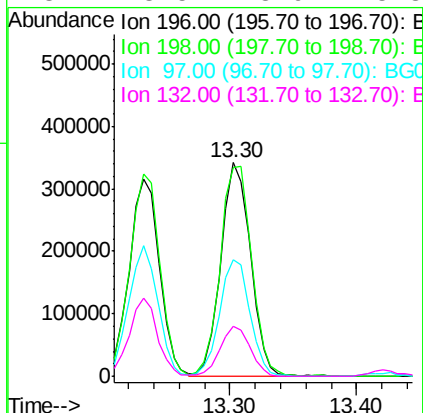
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
2,4,5-Trichlorophenol
Concen: 40.56 ng
RT: 13.30 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

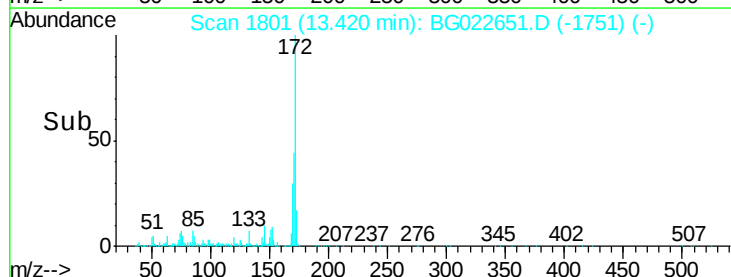
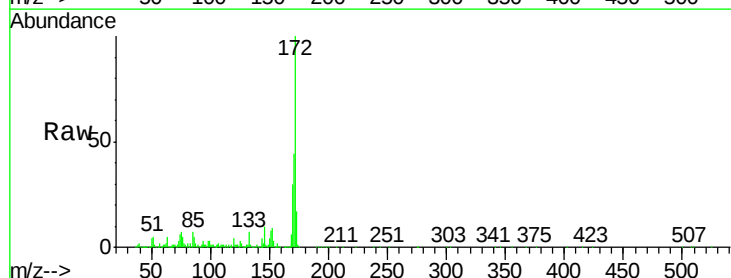
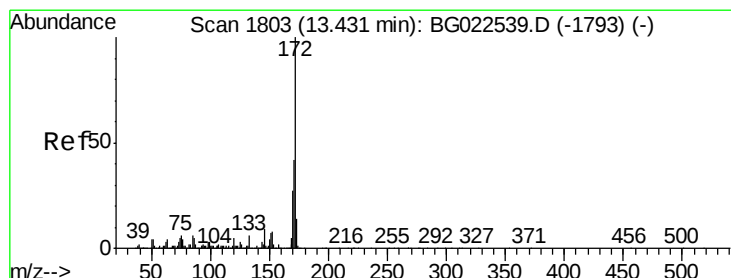
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.8	85.7	128.5
97	54.8	45.5	68.3
132	23.5	18.9	28.3



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

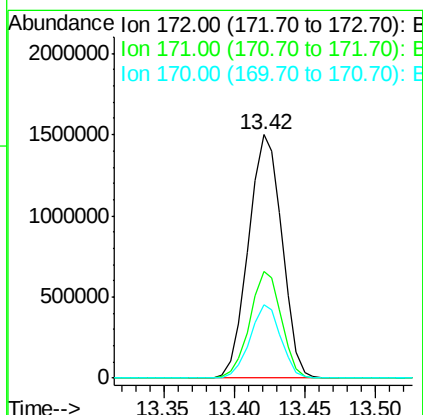
Manual Integrations

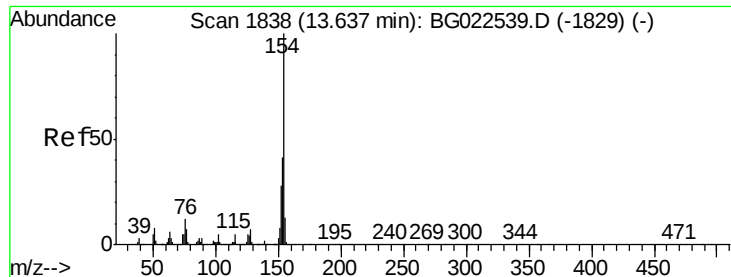
umangi
6/28/2016 7:27:31 PM



#44
2-Fluorobiphenyl
Concen: 73.56 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	43.9	31.6	47.4
170	30.1	21.3	31.9





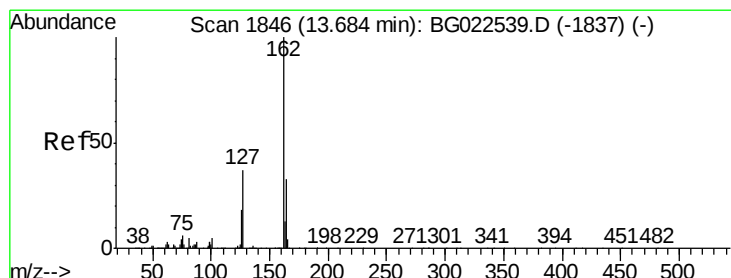
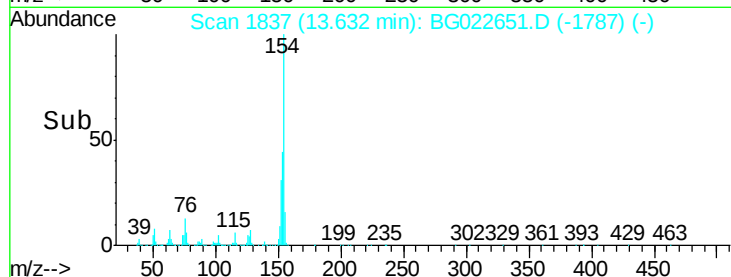
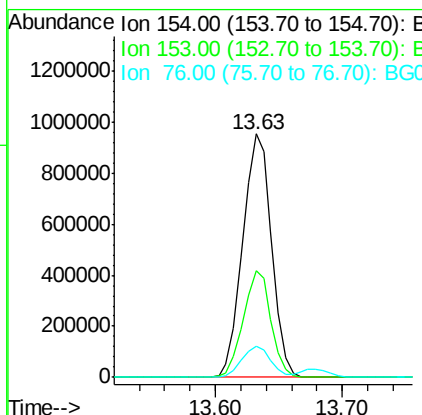
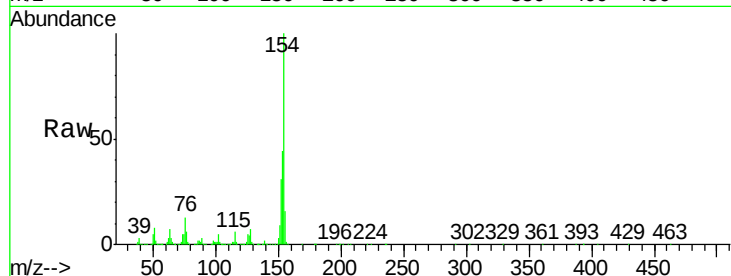
#45
 1,1'-Biphenyl
 Concen: 36.51 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BG022651.D
 Acq: 27 Jun 2016 20:38

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	44.0	20.2	60.2
76	13.0	0.0	32.9

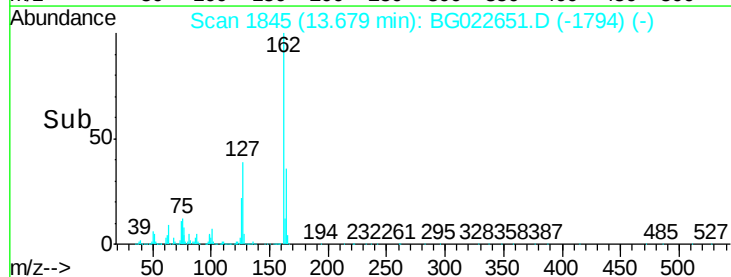
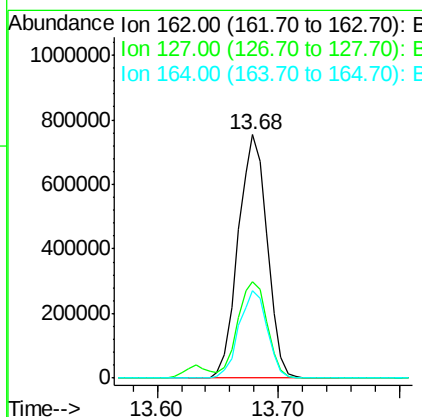
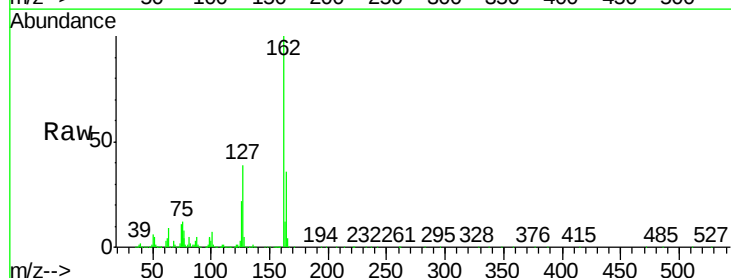
Manual Integrations

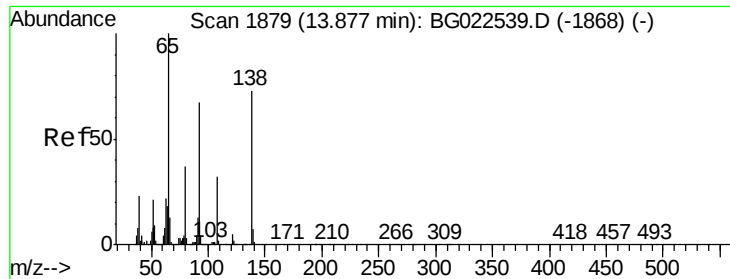
umangi
 6/28/2016 7:27:31 PM



#46
 2-Chloronaphthalene
 Concen: 37.18 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BG022651.D
 Acq: 27 Jun 2016 20:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.4	48.6
164	35.7	25.2	37.8





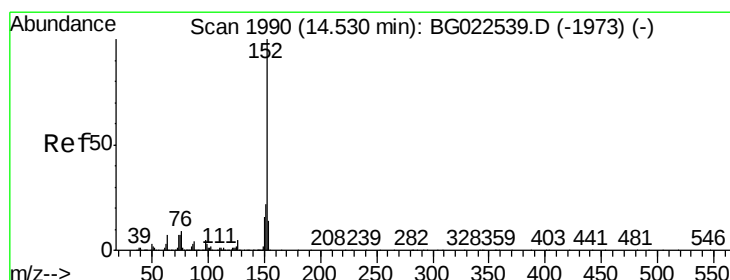
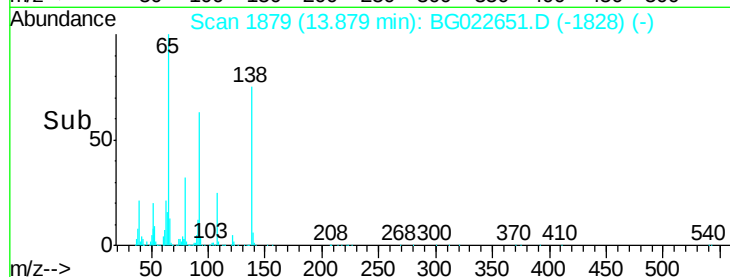
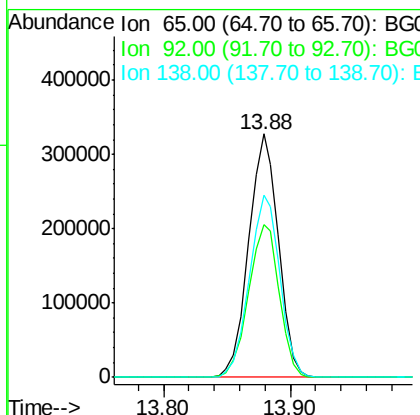
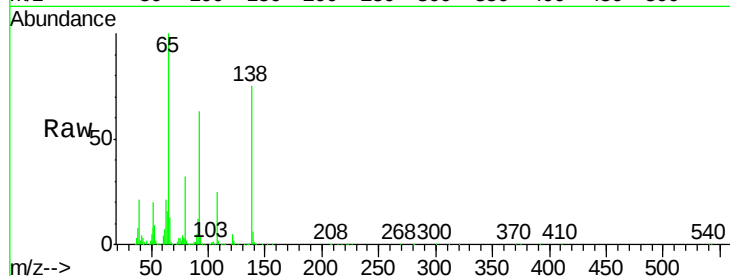
#47
2-Nitroaniline
Concen: 41.03 ng
RT: 13.88 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.9	49.4	74.0
138	75.0	58.0	87.0

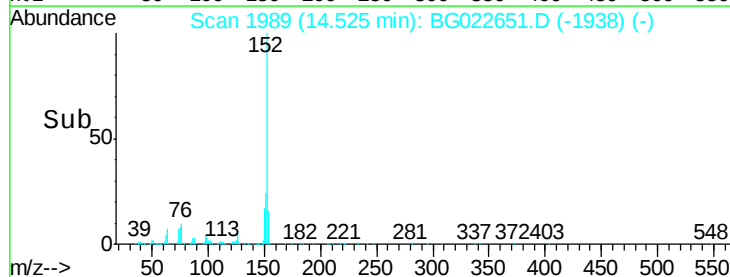
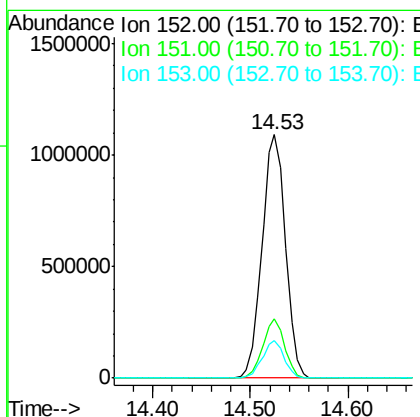
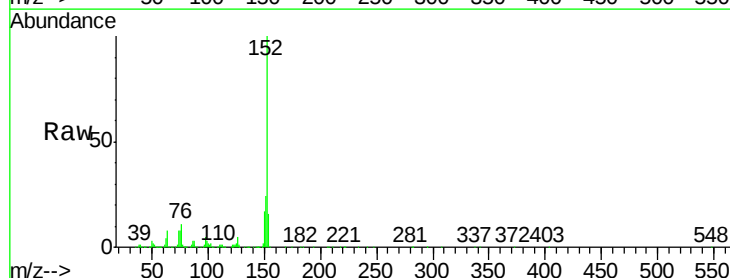
Manual Integrations

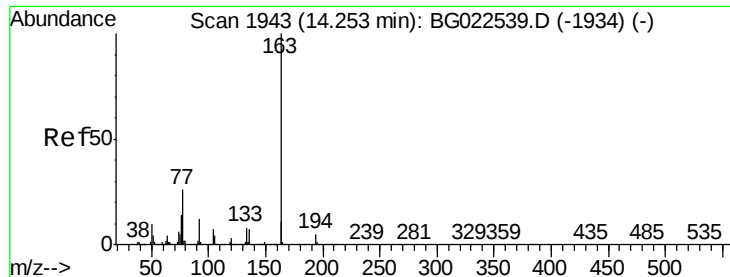
umangi
6/28/2016 7:27:31 PM



#48
Acenaphthylene
Concen: 37.69 ng
RT: 14.53 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.4	17.6	26.4
153	15.6	11.4	17.2





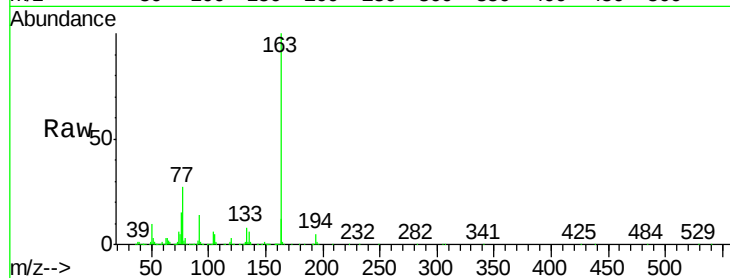
#49
Dimethylphthalate
Concen: 37.10 ng
RT: 14.25 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

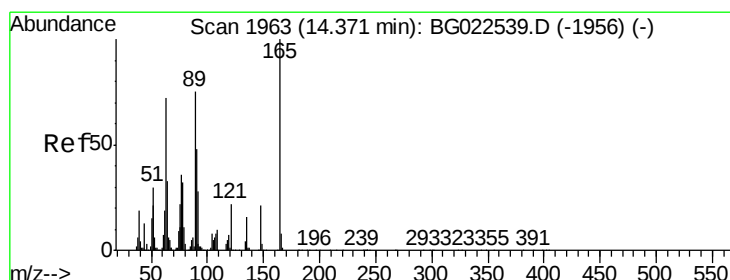
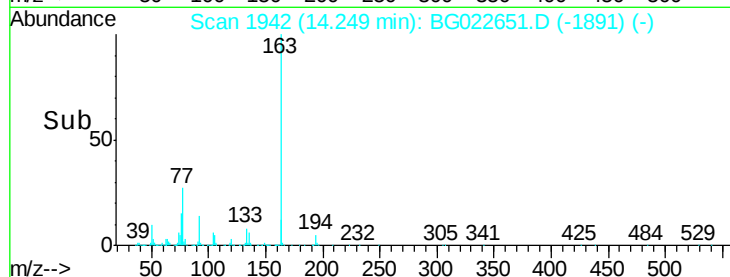
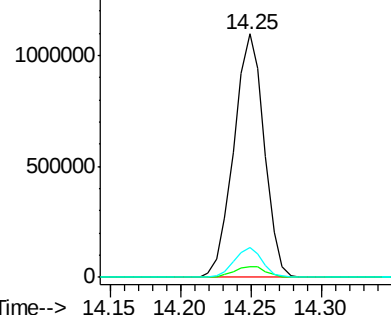
Tot Ion:163 Resp: 1659053
Ion Ratio Lower Upper
163 100
194 4.6 3.6 5.4
164 12.1 8.1 12.1

Manual Integrations

umangi
6/28/2016 7:27:31 PM

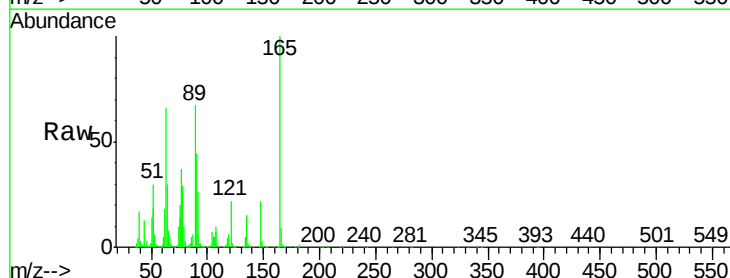


Abundance Ion 163.00 (162.70 to 163.70): E
1500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

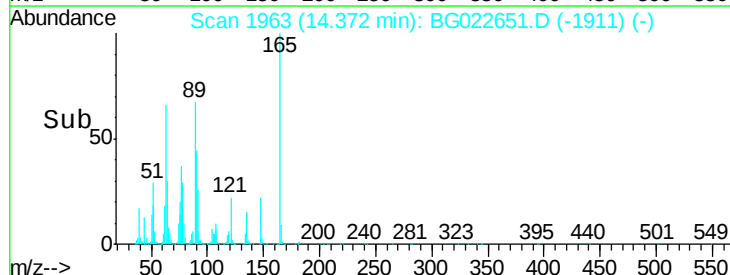
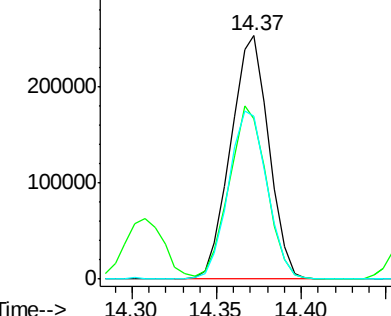


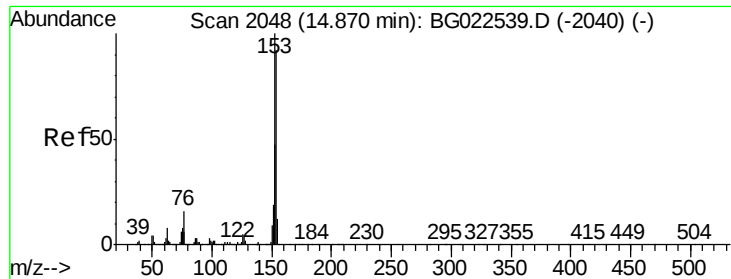
#50
2,6-Dinitrotoluene
Concen: 40.77 ng
RT: 14.37 min Scan# 1963
Delta R.T. 0.01 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Tgt Ion:165 Resp: 396126
Ion Ratio Lower Upper
165 100
63 65.7 64.3 96.5
89 67.1 64.3 96.5



Abundance Ion 165.00 (164.70 to 165.70): E
300000
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 35.53 ng

RT: 14.87 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1282770

Ion Ratio Lower Upper

154 100

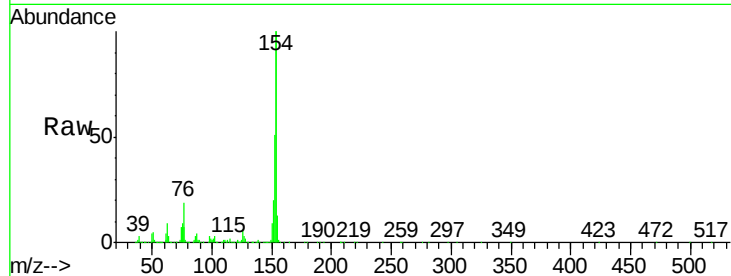
153 99.7 87.5 131.3

152 51.1 42.7 64.1

Manual Integrations

umangi

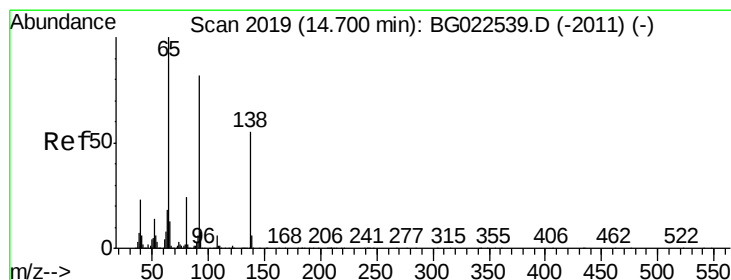
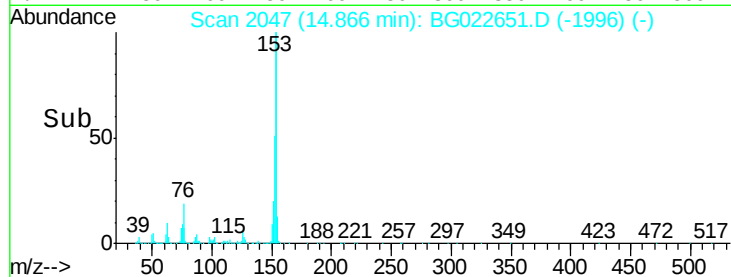
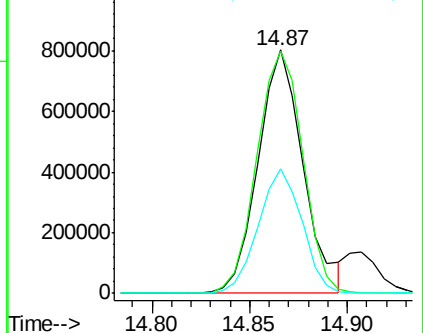
6/28/2016 7:27:31 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.18 ng

RT: 14.70 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

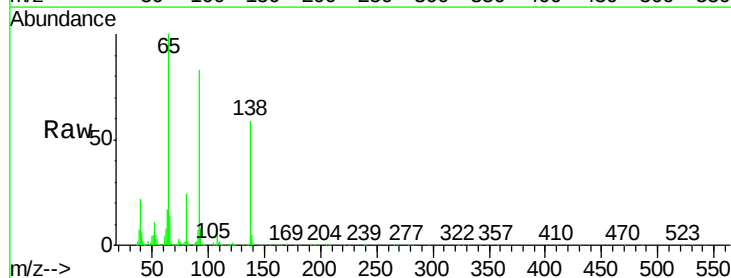
Tgt Ion:138 Resp: 383530

Ion Ratio Lower Upper

138 100

108 12.7 11.7 17.5

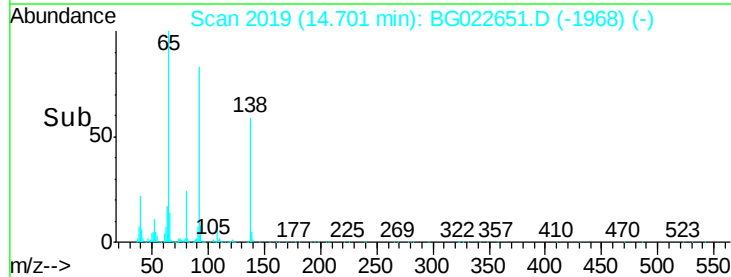
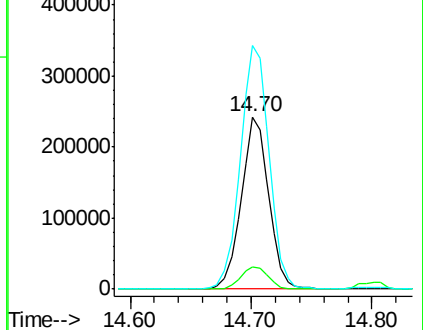
92 141.4 129.7 194.5

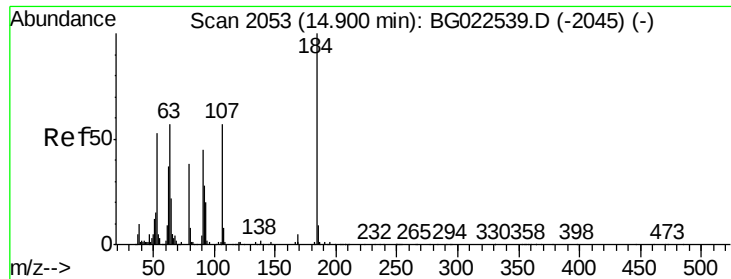


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





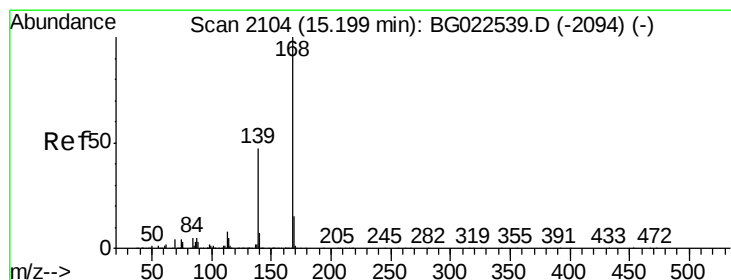
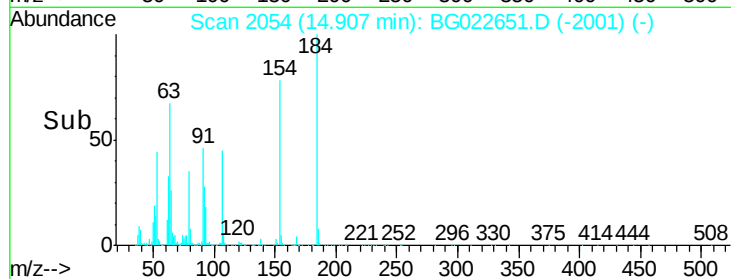
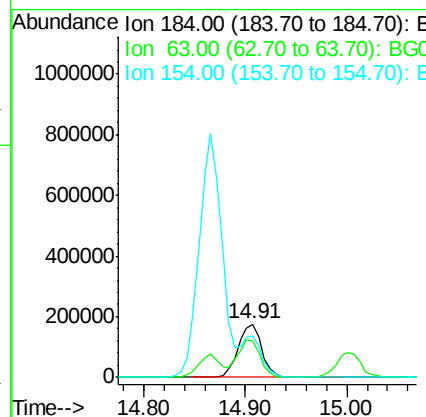
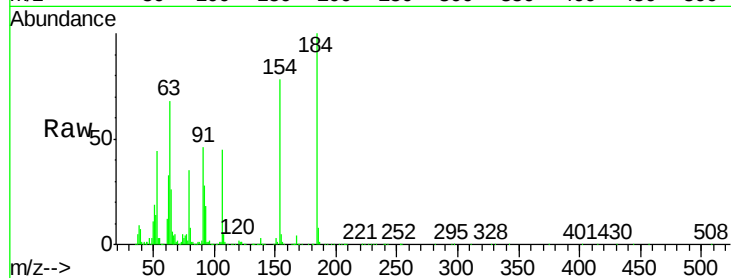
#53
2,4-Dinitrophenol
Concen: 47.06 ng
RT: 14.91 min Scan# 2054
Delta R.T. 0.01 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
184	100			
63	67.5	59.6	89.4	
154	78.4	67.4	101.0	

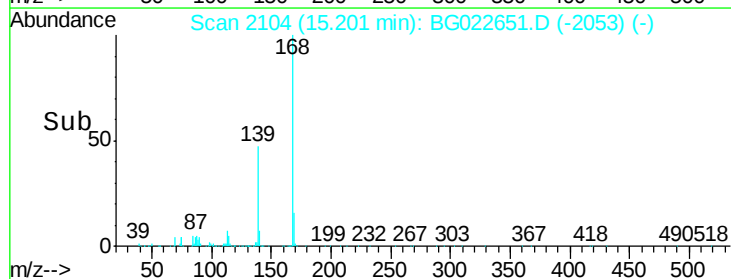
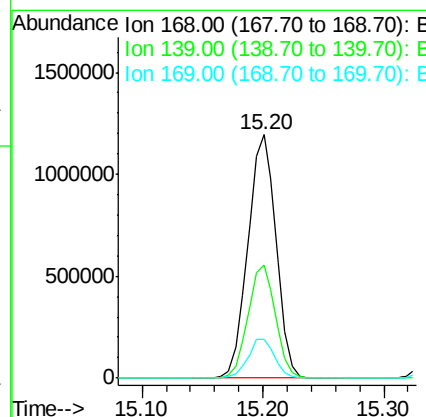
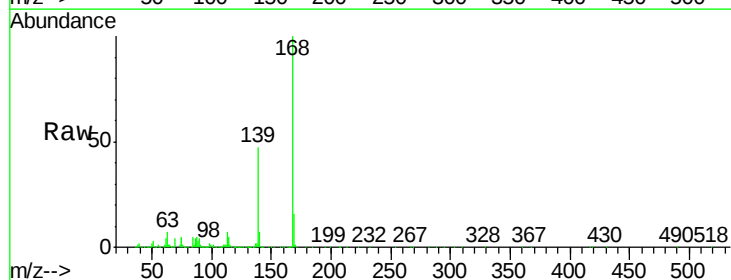
Manual Integrations

umangi
6/28/2016 7:27:31 PM



#54
Dibenzofuran
Concen: 36.99 ng
RT: 15.20 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Tgt Ion	Ion	Ratio	Lower	Upper
168	100			
139	46.6	36.4	54.6	
169	15.8	11.9	17.9	





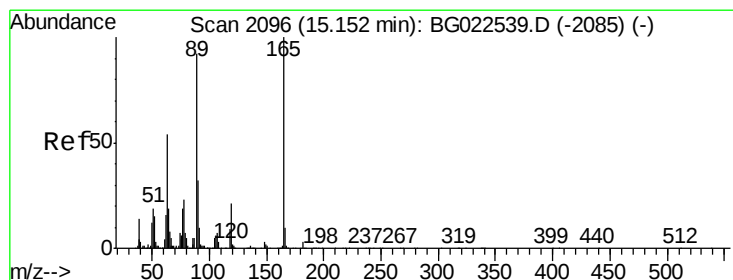
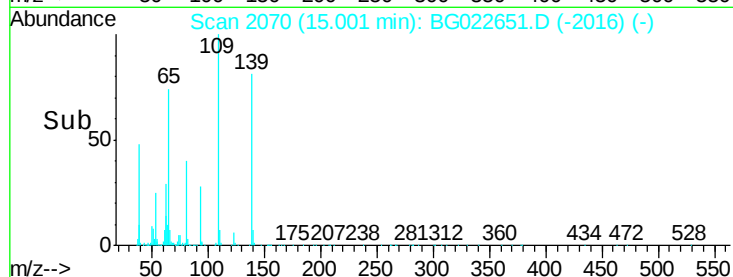
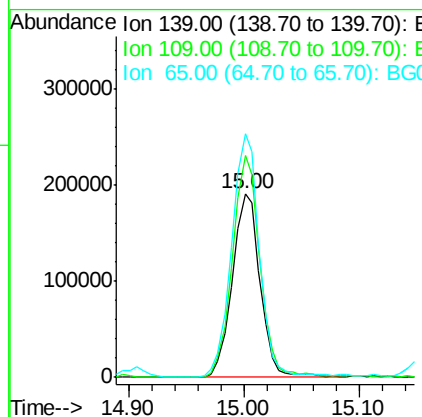
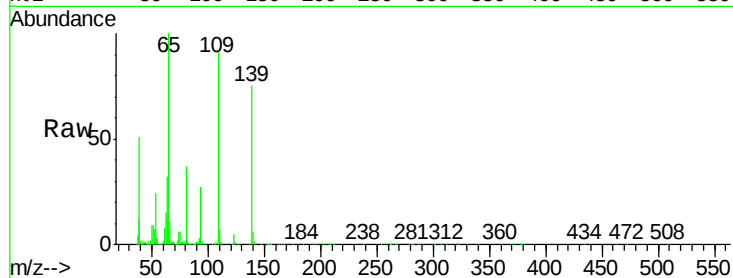
#55
4-Nitrophenol
Concen: 41.40 ng
RT: 15.00 min Scan# 2070
Delta R.T. 0.02 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	121.2	103.0	143.0
65	132.7	112.7	152.7

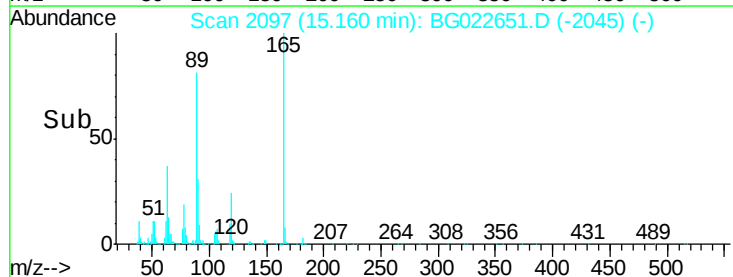
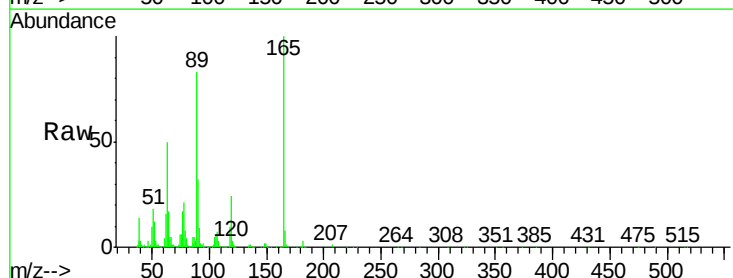
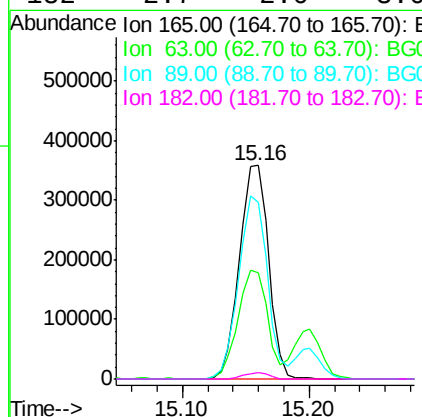
Manual Integrations

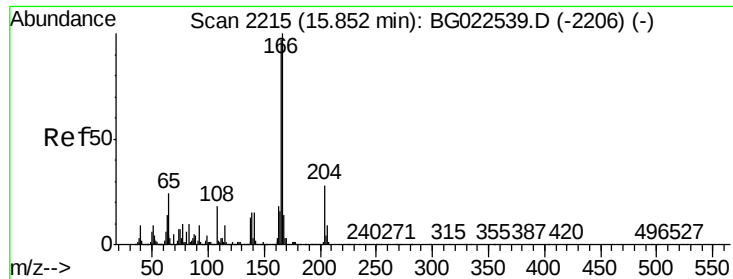
umangi
6/28/2016 7:27:31 PM



#56
2,4-Dinitrotoluene
Concen: 42.46 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.9	45.8	68.6
89	82.8	68.6	102.8
182	2.7	2.0	3.0





#57

Fluorene

Concen: 38.04 ng

RT: 15.85 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1587208

Ion Ratio Lower Upper

166 100

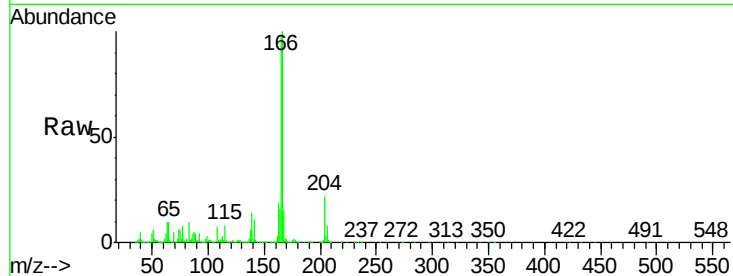
165 97.8 81.0 121.6

167 15.4 12.0 18.0

Manual Integrations

umangi

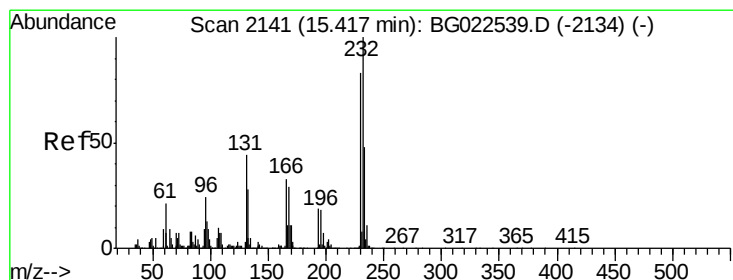
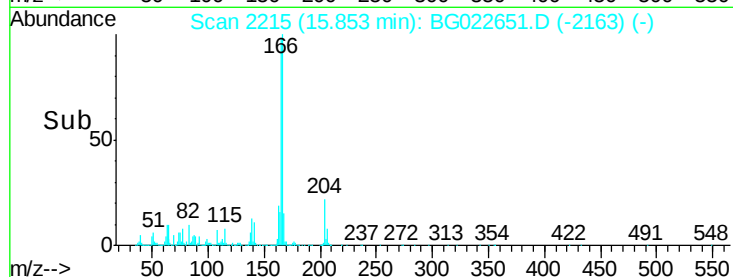
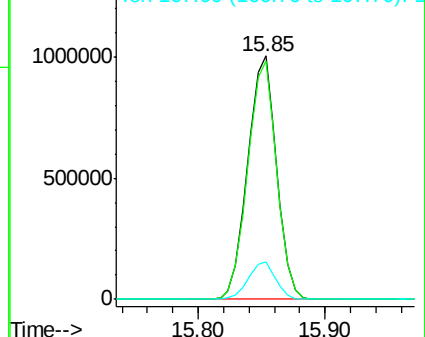
6/28/2016 7:27:31 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.95 ng m

RT: 15.42 min Scan# 2142

Delta R.T. 0.01 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

Tgt Ion:232 Resp: 579739

Ion Ratio Lower Upper

232 100

131 38.0 32.7 49.1

130 2.7 2.6 3.8

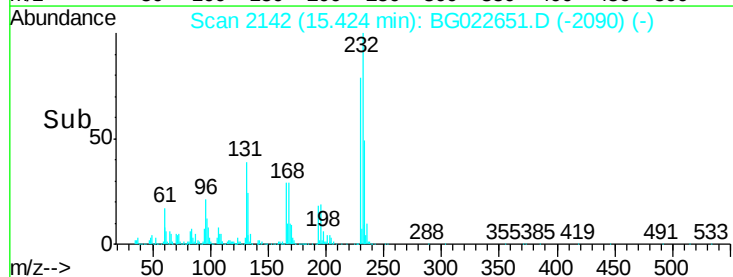
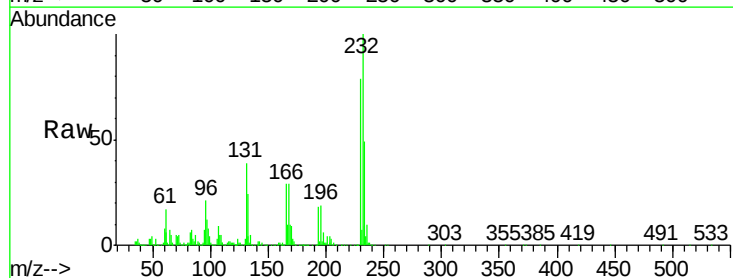
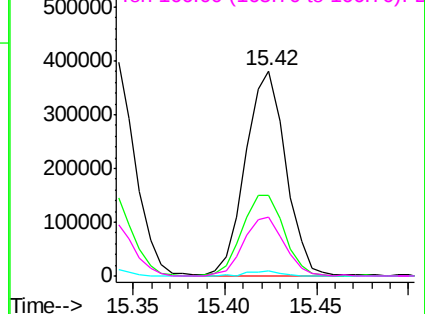
166 25.5 23.0 34.6

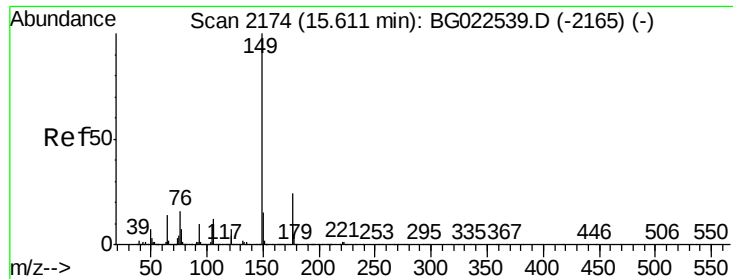
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





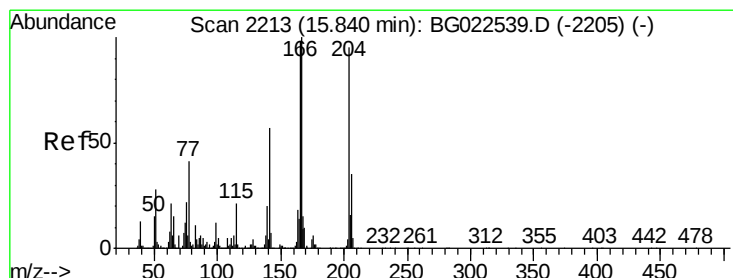
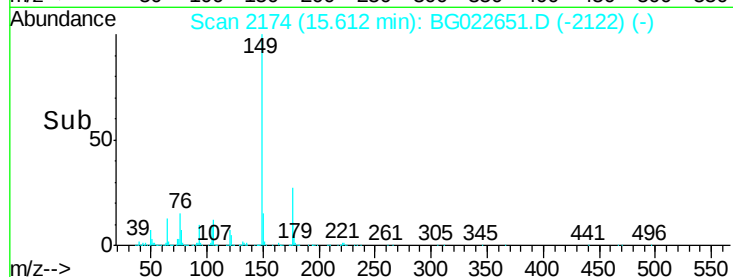
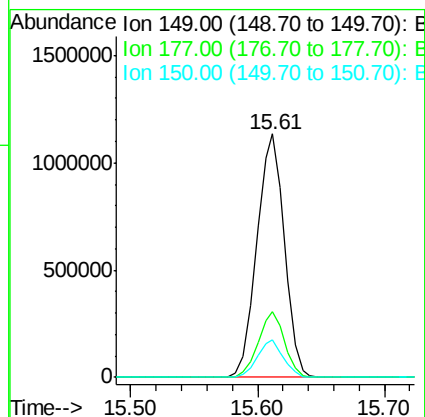
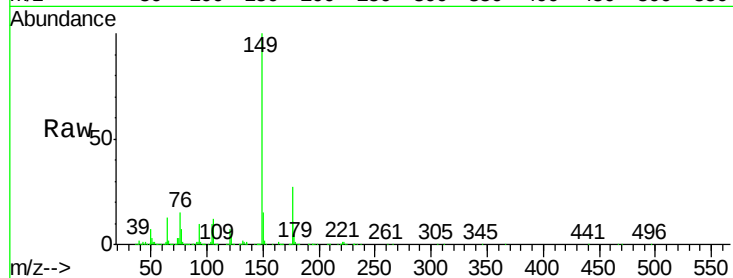
#59
Diethylphthalate
Concen: 37.21 ng
RT: 15.61 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1710724
Ion Ratio Lower Upper
149 100
177 26.9 19.2 28.8
150 15.3 10.6 16.0

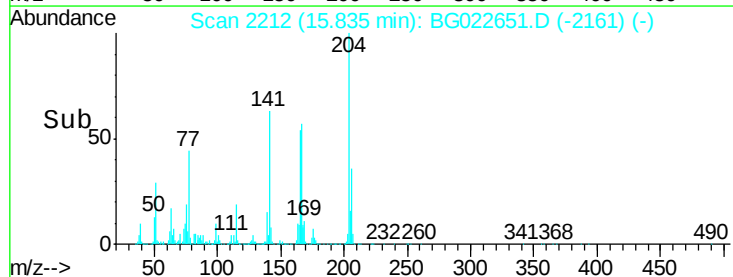
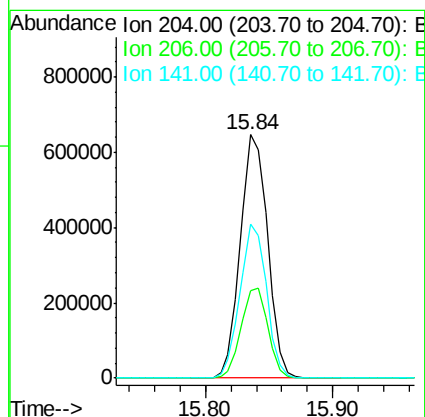
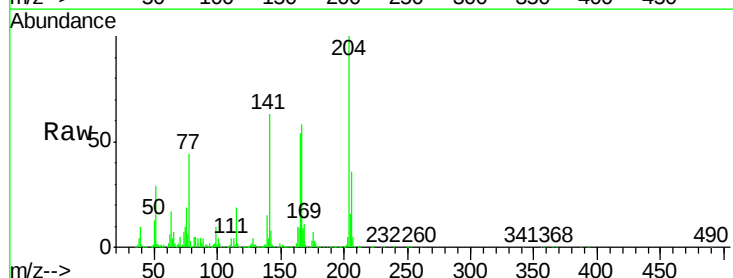
Manual Integrations

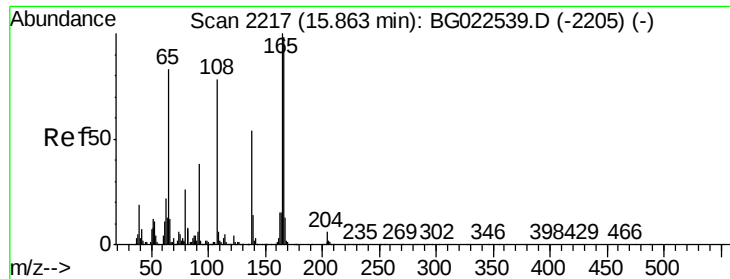
umangi
6/28/2016 7:27:31 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.78 ng
RT: 15.84 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Tgt Ion:204 Resp: 963305
Ion Ratio Lower Upper
204 100
206 35.8 28.5 42.7
141 63.1 51.4 77.0





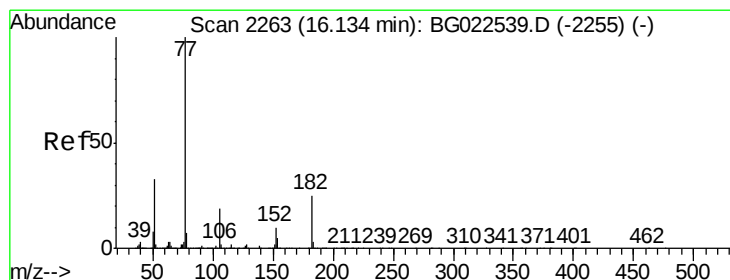
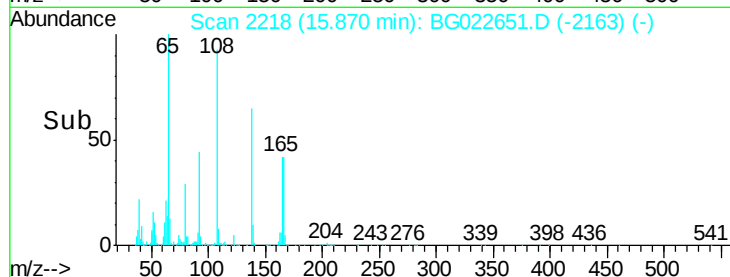
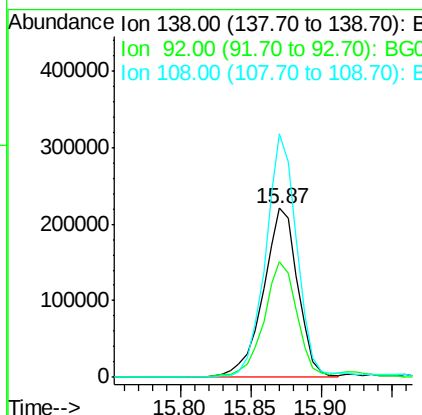
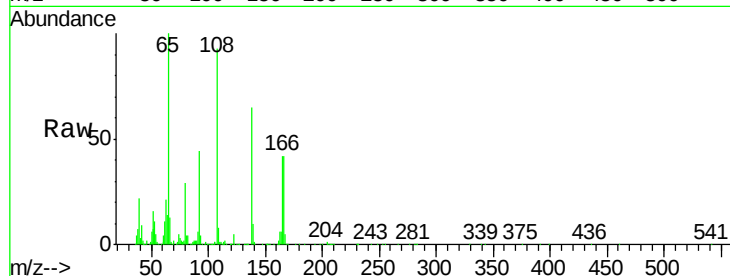
#61
4-Nitroaniline
Concen: 40.41 ng
RT: 15.87 min Scan# 2218
Delta R.T. 0.02 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	68.5	54.1	94.1
108	143.9	133.9	173.9

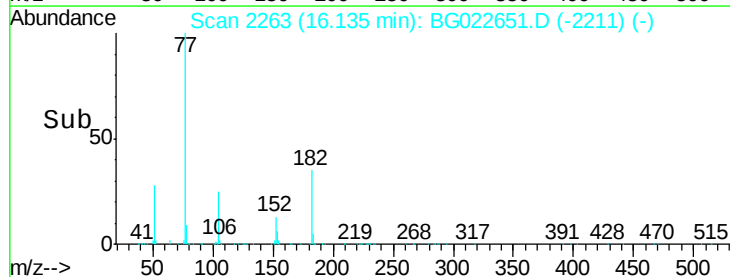
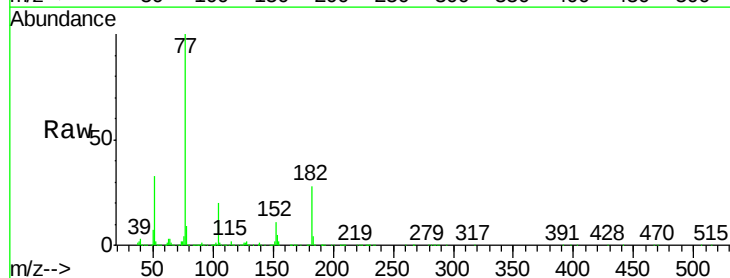
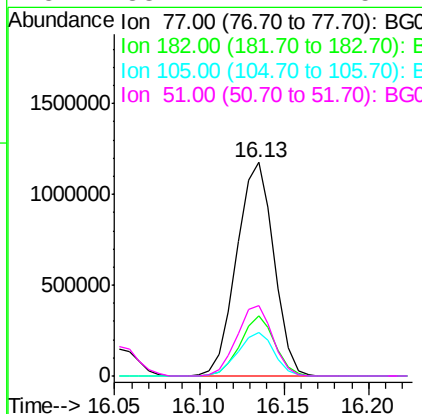
Manual Integrations

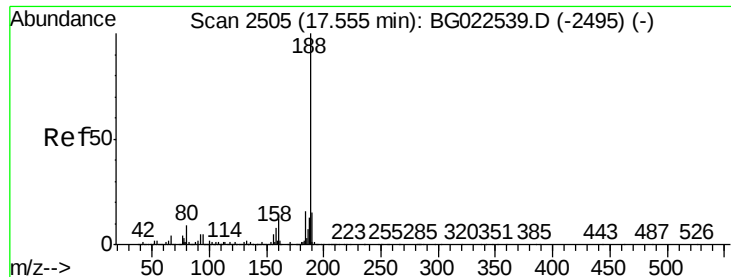
umangi
6/28/2016 7:27:31 PM



#62
Azobenzene
Concen: 36.21 ng
RT: 16.13 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.4	3.5	43.5
105	20.3	0.0	38.5
51	33.2	17.1	57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

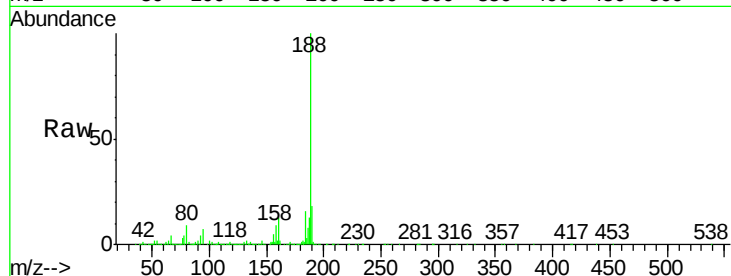
Tot Ion:188 Resp: 1339167

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.2	7.8
80	9.3	7.2	10.8

Manual Integrations

umangi

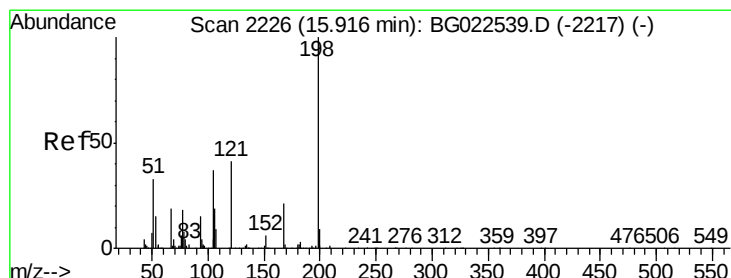
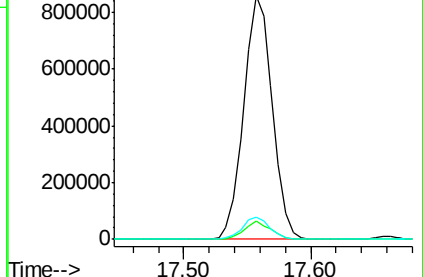
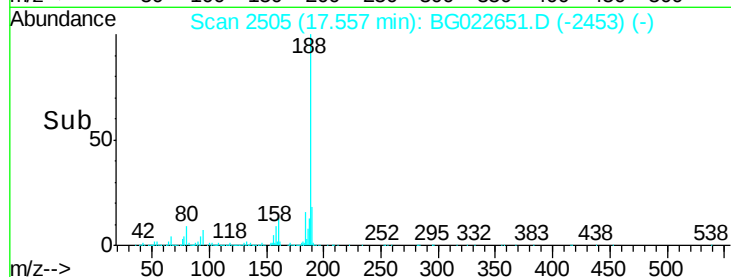
6/28/2016 7:27:31 PM



Abundance Ion 188.00 (187.70 to 188.70): E

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: 44.05 ng

RT: 15.92 min Scan# 2227

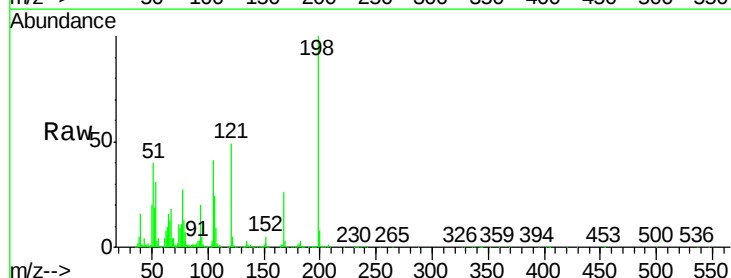
Delta R.T. 0.01 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

Tgt Ion:198 Resp: 395659

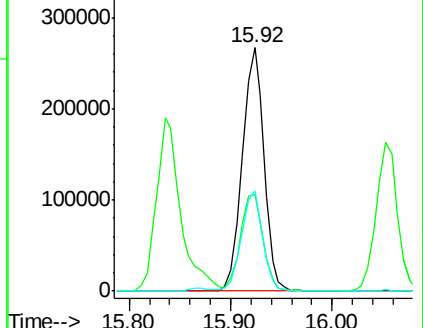
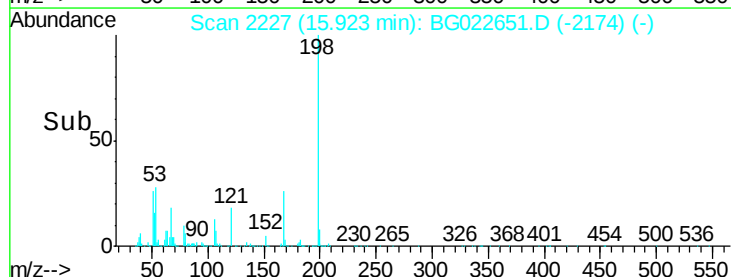
Ion	Ratio	Lower	Upper
198	100		
51	39.7	26.0	66.0
105	41.3	20.1	60.1

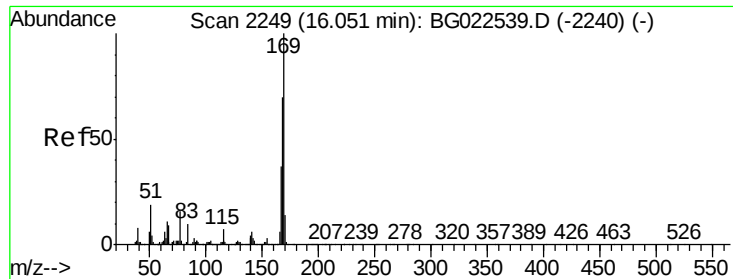


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.04 ng

RT: 16.05 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 1482407

Ion Ratio Lower Upper

169 100

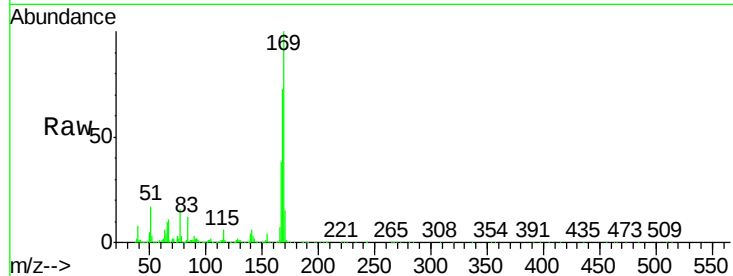
168 72.9 55.0 82.4

167 37.6 27.4 41.0

Manual Integrations

umangi

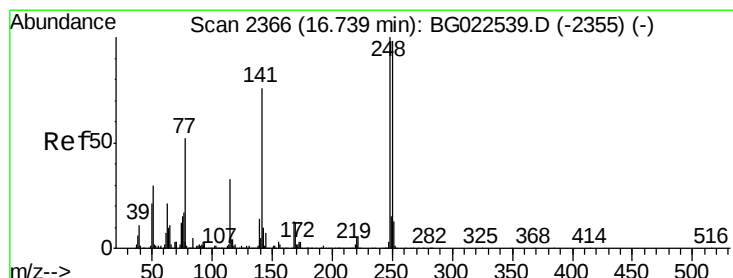
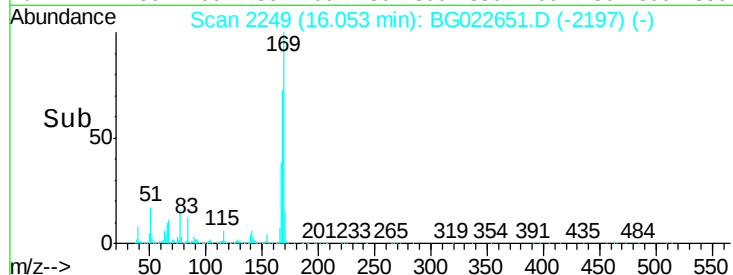
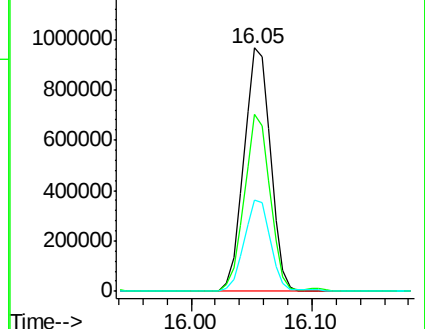
6/28/2016 7:27:31 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.26 ng

RT: 16.74 min Scan# 2366

Delta R.T. 0.01 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

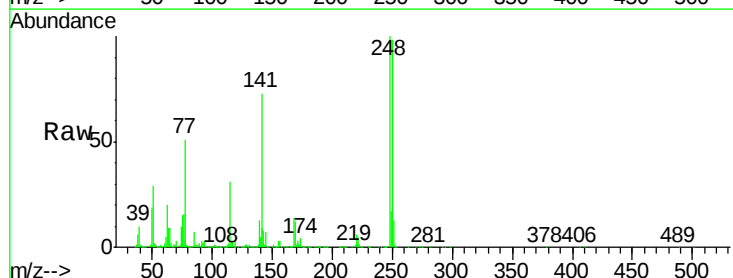
Tgt Ion:248 Resp: 664720

Ion Ratio Lower Upper

248 100

250 97.9 77.8 116.8

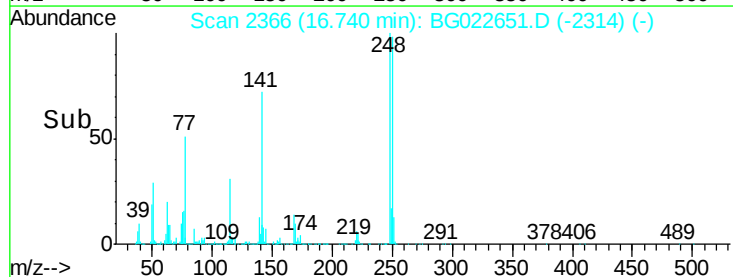
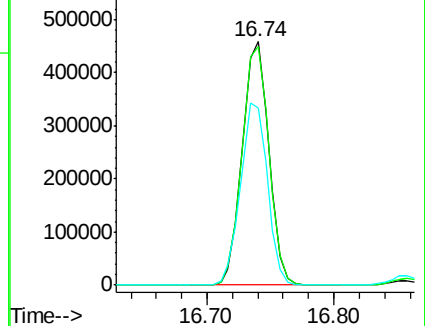
141 72.6 65.7 98.5

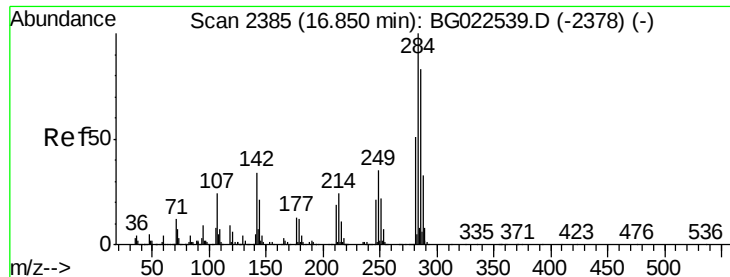


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.23 ng

RT: 16.86 min Scan# 2386

Delta R.T. 0.01 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:284 Resp: 720650

Ion Ratio Lower Upper

284 100

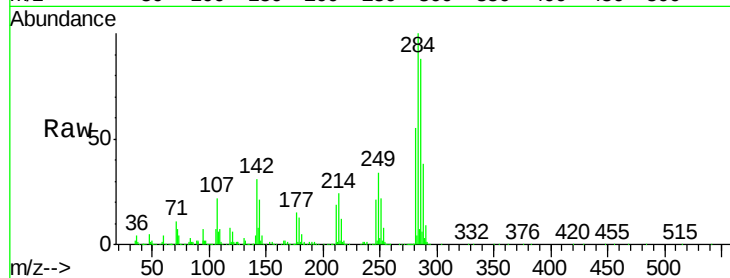
142 31.3 26.8 40.2

249 34.5 28.9 43.3

Manual Integrations

umangi

6/28/2016 7:27:31 PM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

600000

500000

400000

300000

200000

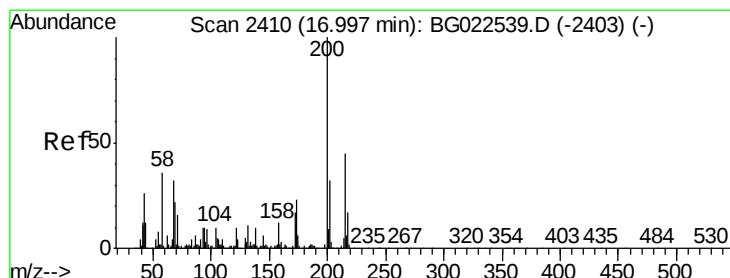
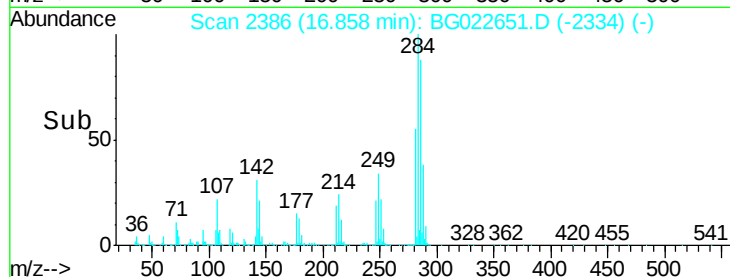
100000

0

16.86

16.80 16.85 16.90

Time-->



#68

Atrazine

Concen: 40.43 ng

RT: 17.00 min Scan# 2411

Delta R.T. 0.01 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

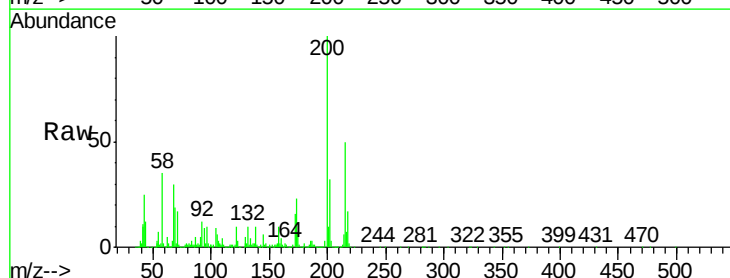
Tgt Ion:200 Resp: 665248

Ion Ratio Lower Upper

200 100

173 22.5 1.6 41.6

215 50.4 28.7 68.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

600000

500000

400000

300000

200000

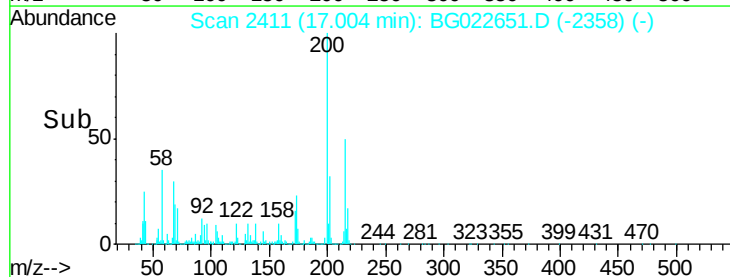
100000

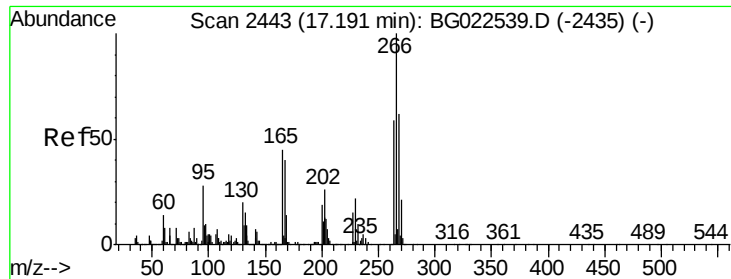
0

17.00

16.95 17.00 17.05 17.10

Time-->





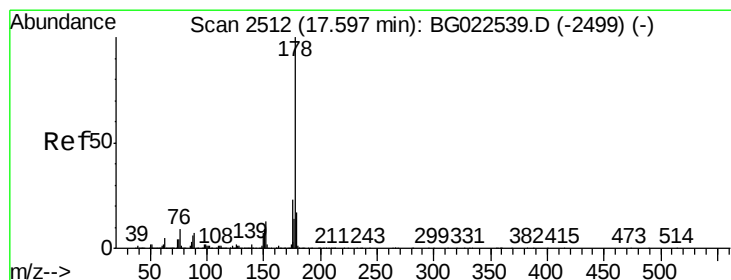
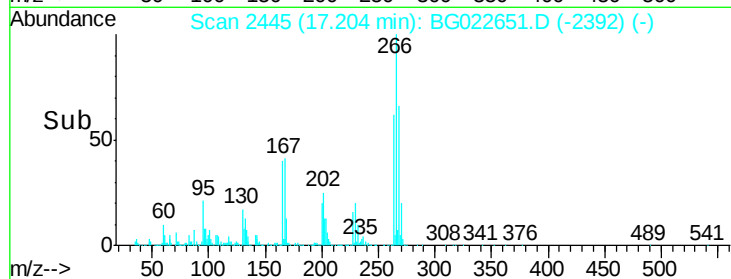
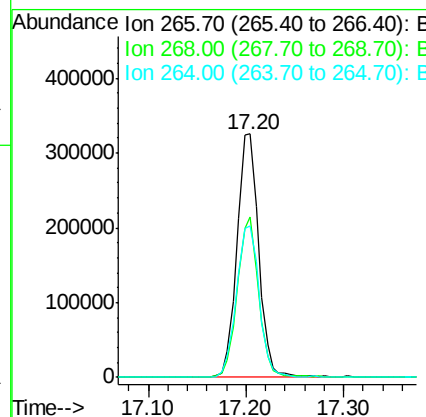
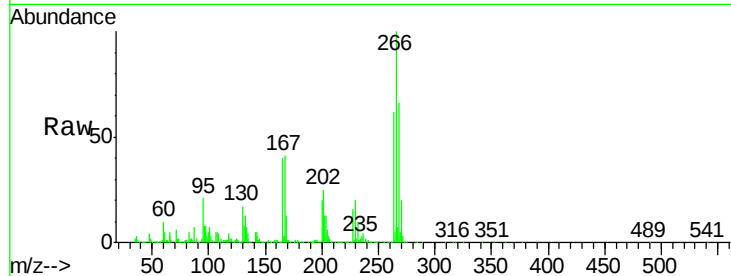
#69
 Pentachlorophenol
 Concen: 39.91 ng
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.01 min
 Lab File: BG022651.D
 Acq: 27 Jun 2016 20:38

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.1	51.9	77.9
264	62.1	50.6	75.8

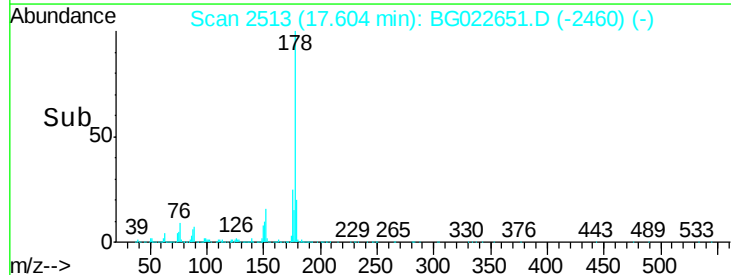
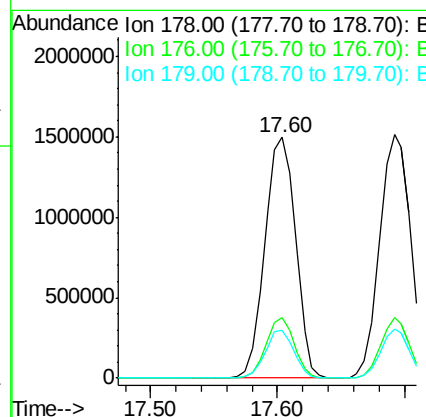
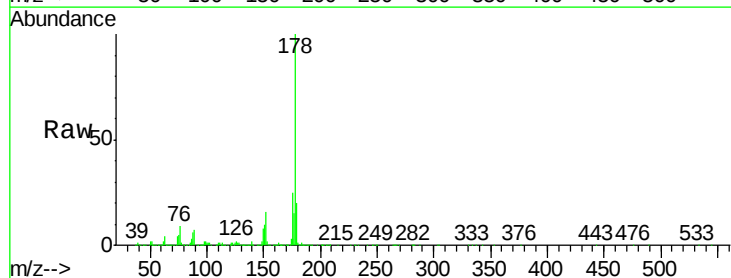
Manual Integrations

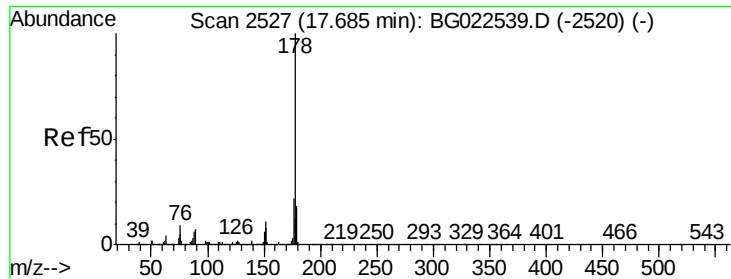
umangi
 6/28/2016 7:27:31 PM



#70
 Phenanthrene
 Concen: 36.98 ng
 RT: 17.60 min Scan# 2513
 Delta R.T. 0.01 min
 Lab File: BG022651.D
 Acq: 27 Jun 2016 20:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	25.1	16.8	25.2
179	20.0	14.3	21.5





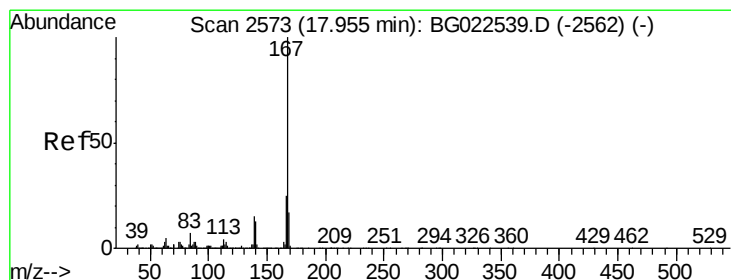
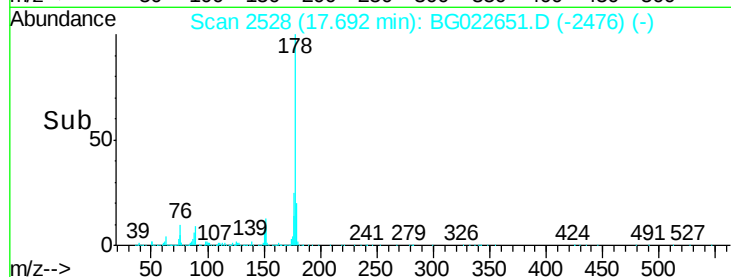
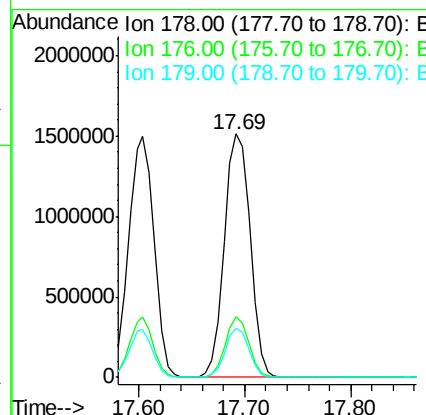
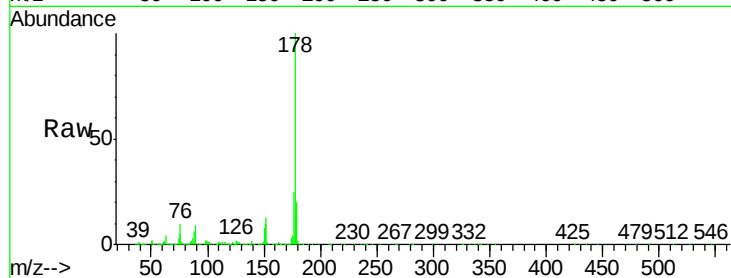
#71
 Anthracene
 Concen: 36.65 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. 0.01 min
 Lab File: BG022651.D
 Acq: 27 Jun 2016 20:38

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 2576102
 Ion Ratio Lower Upper
 178 100
 176 25.1 17.3 25.9
 179 20.2 14.0 21.0

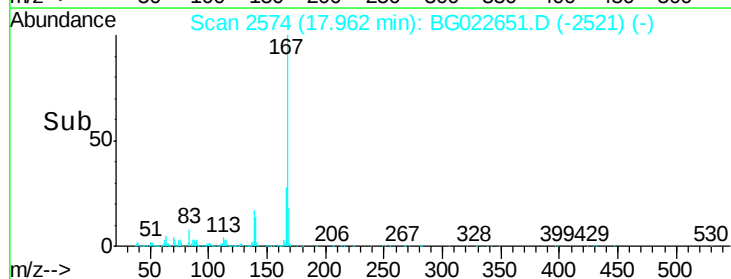
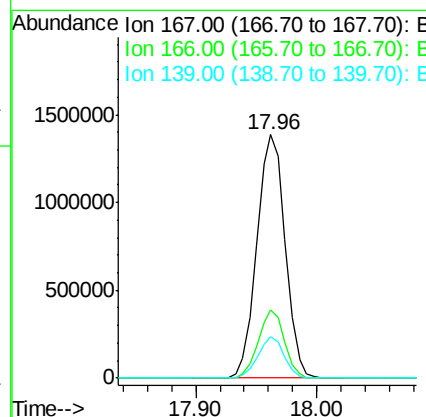
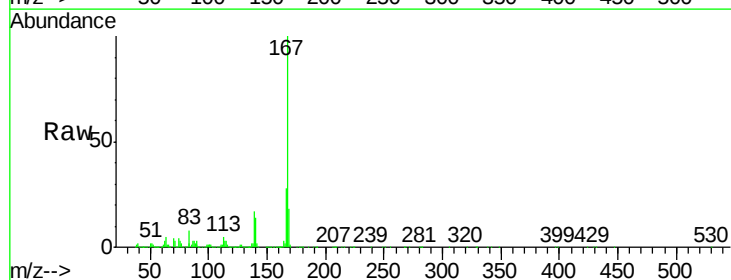
Manual Integrations

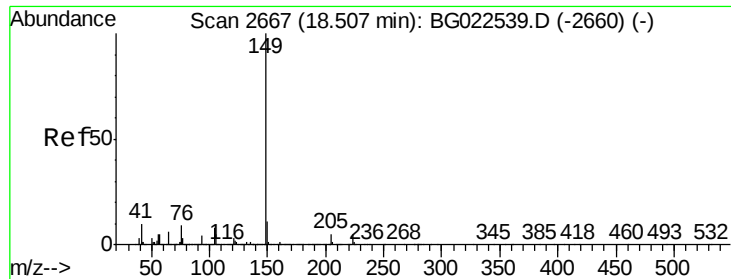
umangi
 6/28/2016 7:27:31 PM



#72
 Carbazole
 Concen: 37.86 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. 0.01 min
 Lab File: BG022651.D
 Acq: 27 Jun 2016 20:38

Tgt Ion:167 Resp: 2255969
 Ion Ratio Lower Upper
 167 100
 166 28.1 20.7 31.1
 139 17.2 11.9 17.9





#73

Di-n-butylphthalate

Concen: 37.03 ng

RT: 18.51 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2569603

Ion Ratio Lower Upper

149 100

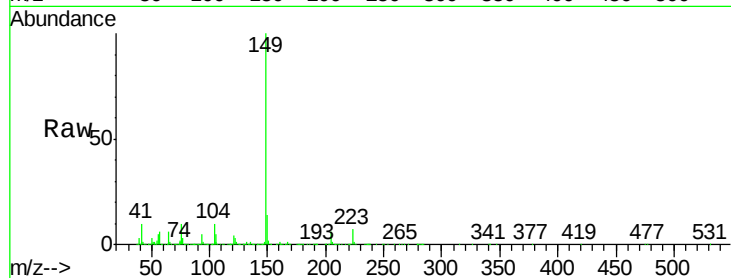
150 13.8 9.1 13.7#

104 10.1 6.9 10.3

Manual Integrations

umangi

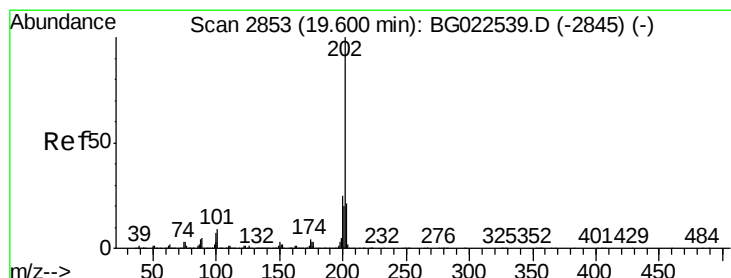
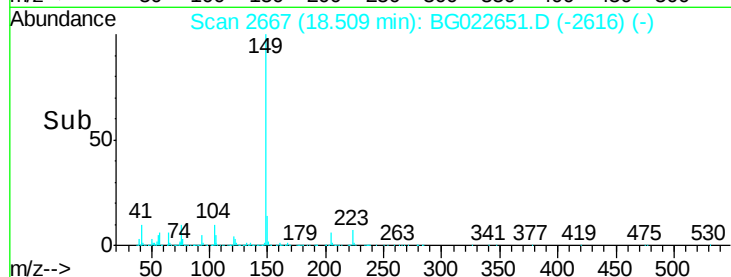
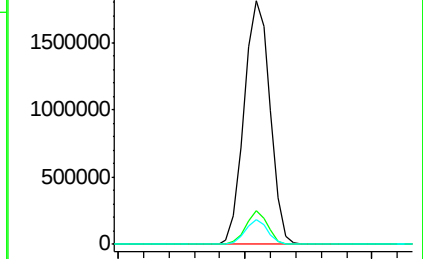
6/28/2016 7:27:31 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.36 ng

RT: 19.61 min Scan# 2854

Delta R.T. 0.01 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

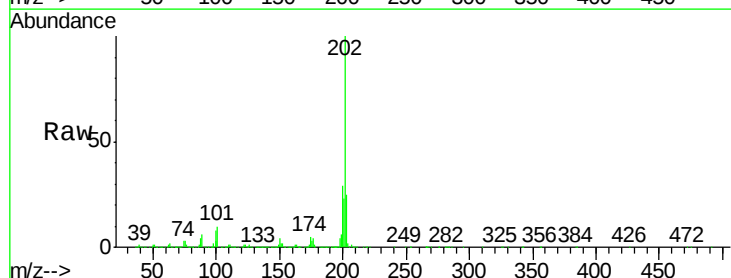
Tgt Ion:202 Resp: 2939363

Ion Ratio Lower Upper

202 100

101 9.8 0.0 27.4

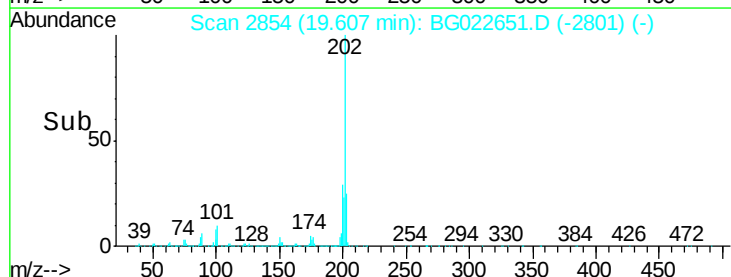
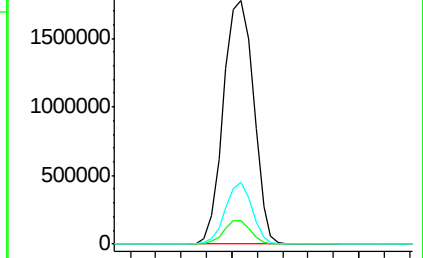
203 25.2 1.7 41.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 1509520

Ion Ratio Lower Upper

240 100

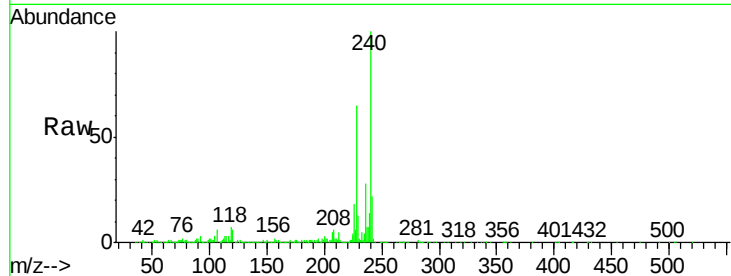
120 5.8 4.1 6.1

236 28.4 21.1 31.7

Manual Integrations

umangi

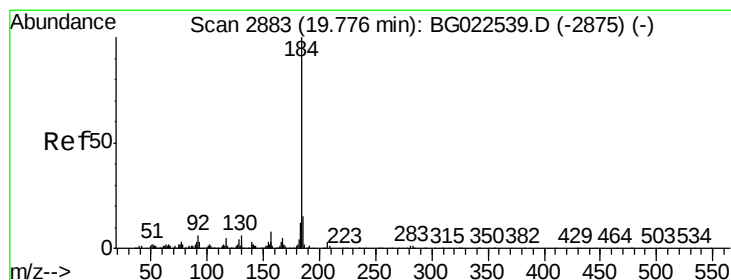
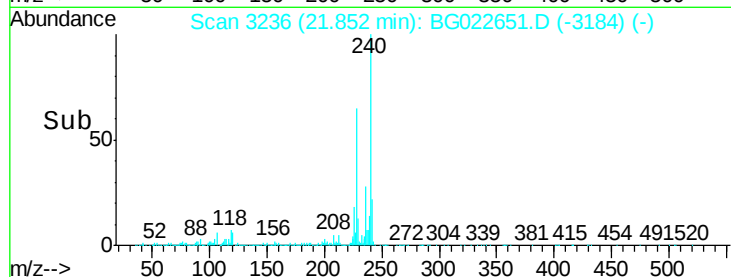
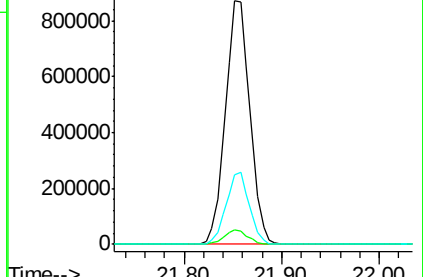
6/28/2016 7:27:31 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.65 ng

RT: 19.78 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

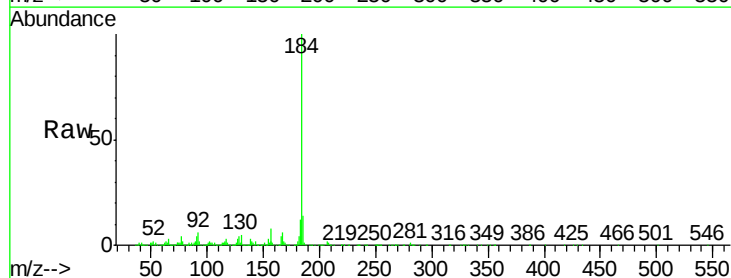
Tgt Ion:184 Resp: 685424

Ion Ratio Lower Upper

184 100

185 14.4 12.6 19.0

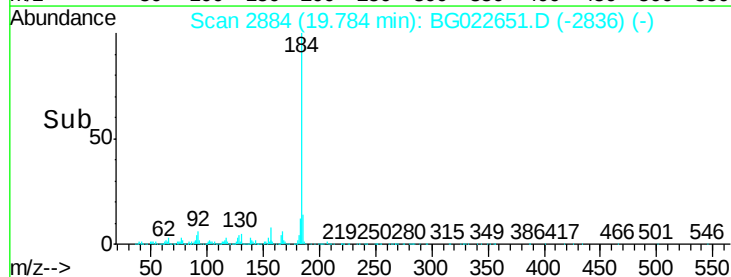
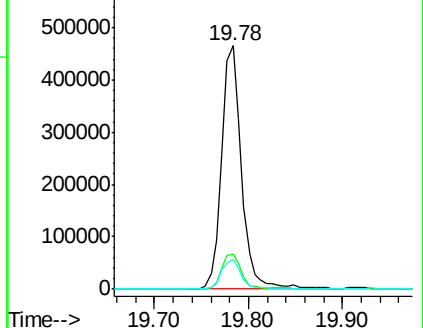
183 12.2 10.7 16.1

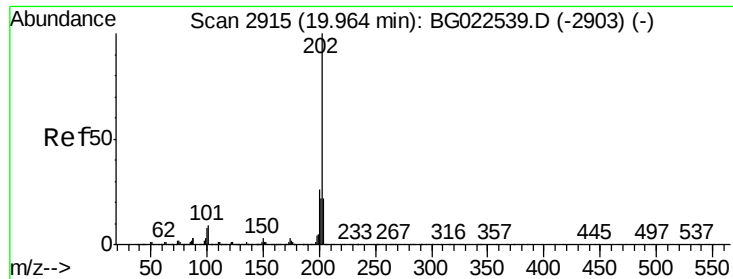


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.96 ng

RT: 19.97 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 2971220

Ion Ratio Lower Upper

202 100

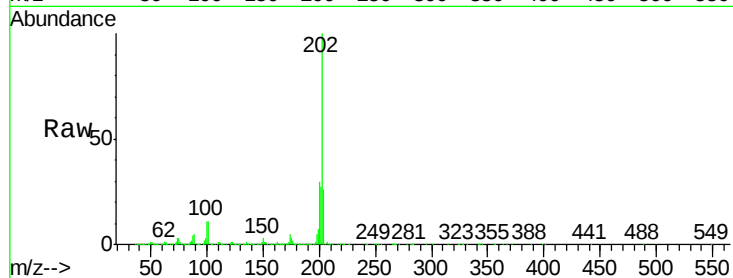
200 30.1 21.2 31.8

203 25.7 16.8 25.2#

Manual Integrations

umangi

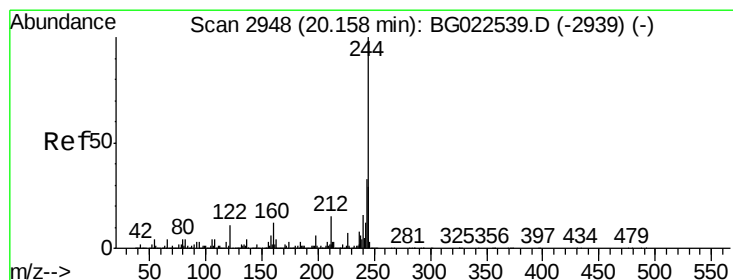
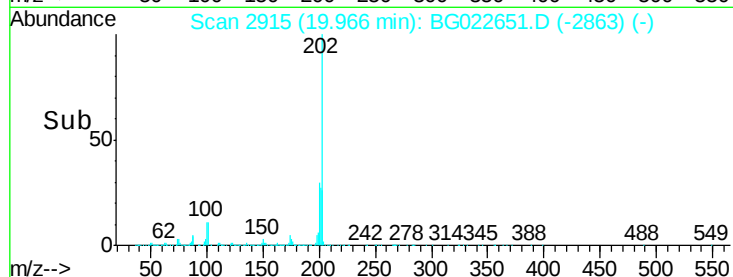
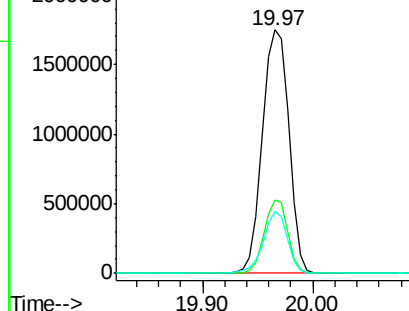
6/28/2016 7:27:31 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 60.31 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

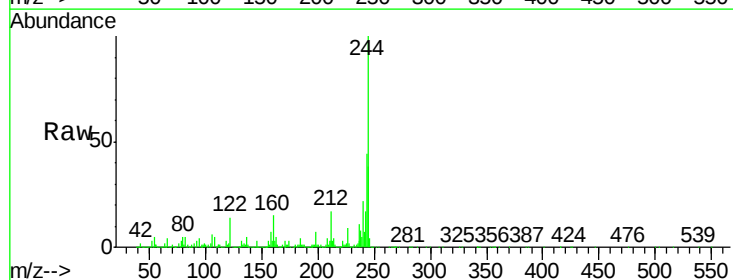
Tgt Ion:244 Resp: 3436239

Ion Ratio Lower Upper

244 100

212 17.5 10.8 16.2#

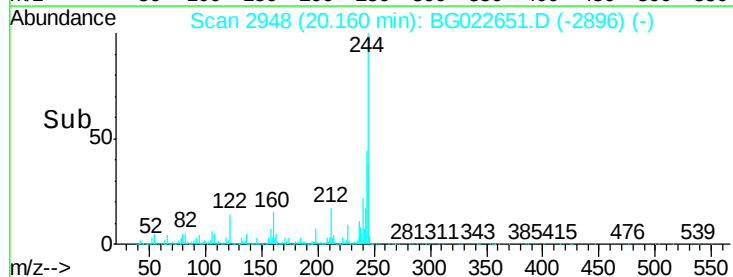
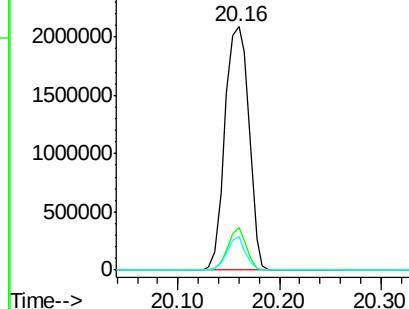
122 13.7 8.0 12.0#

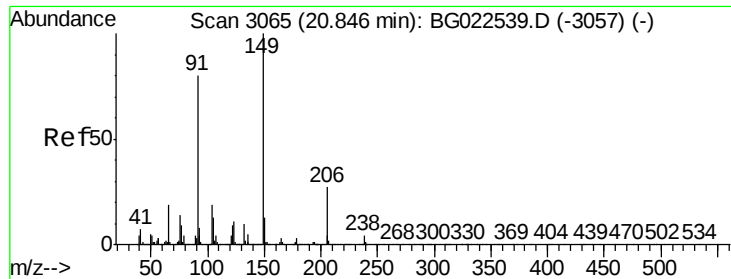


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





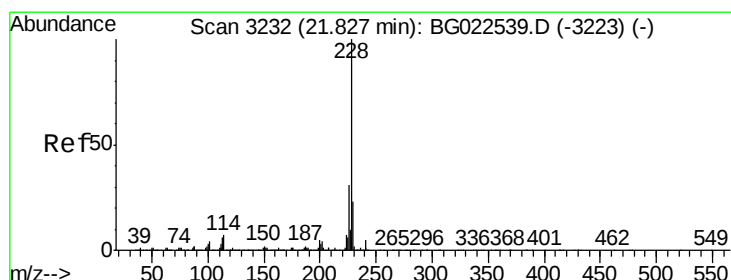
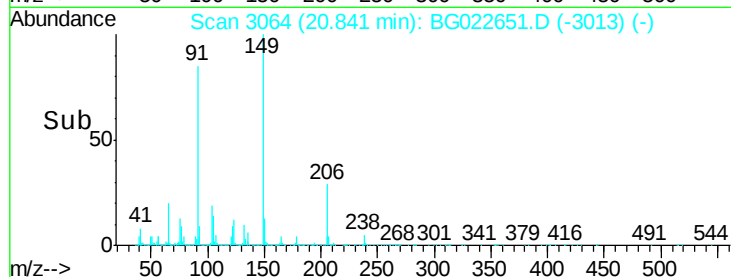
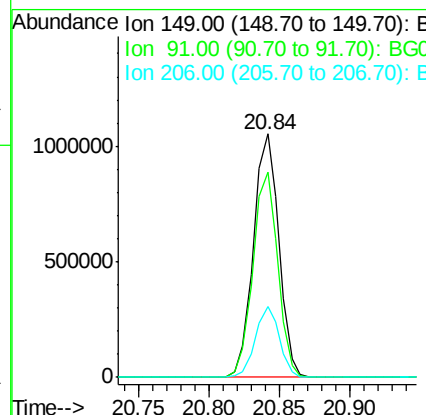
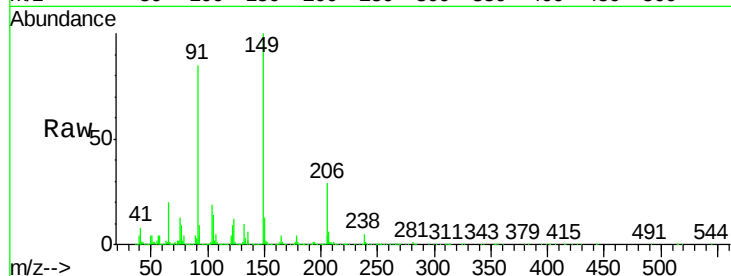
#79
Butylbenzylphthalate
Concen: 38.30 ng
RT: 20.84 min Scan# 3064
Delta R.T. 0.00 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1332932
Ion Ratio Lower Upper
149 100
91 84.5 68.1 102.1
206 28.9 19.8 29.6

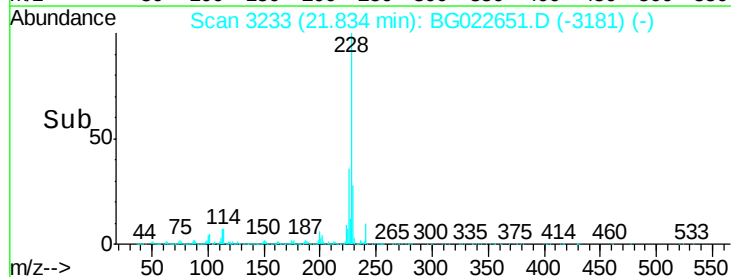
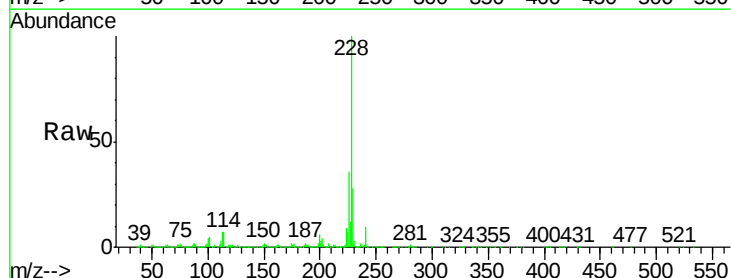
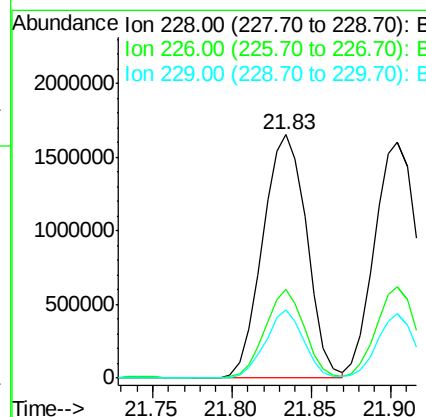
Manual Integrations

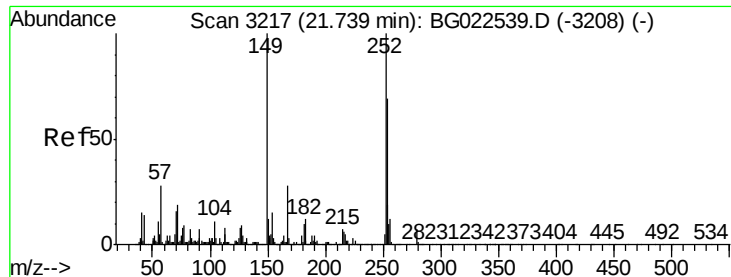
umangi
6/28/2016 7:27:31 PM



#80
Benzo(a)anthracene
Concen: 38.12 ng
RT: 21.83 min Scan# 3233
Delta R.T. 0.01 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Tgt Ion:228 Resp: 3184207
Ion Ratio Lower Upper
228 100
226 36.5 25.3 37.9
229 27.8 19.9 29.9





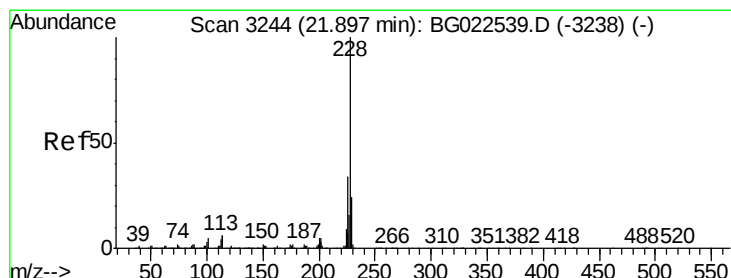
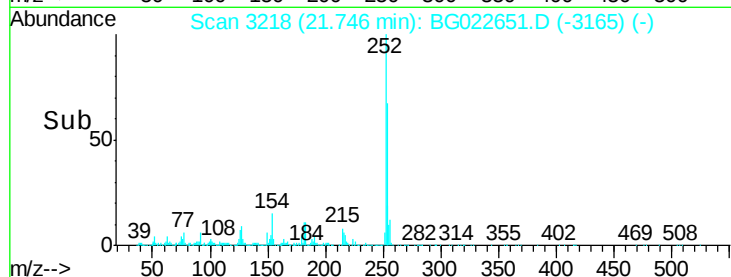
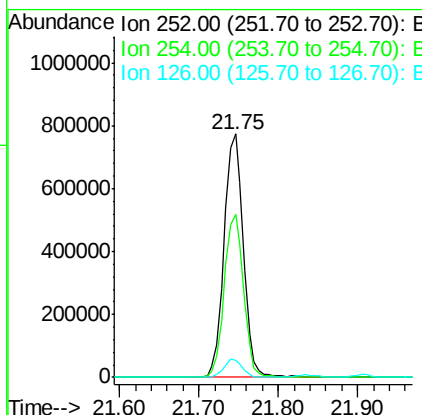
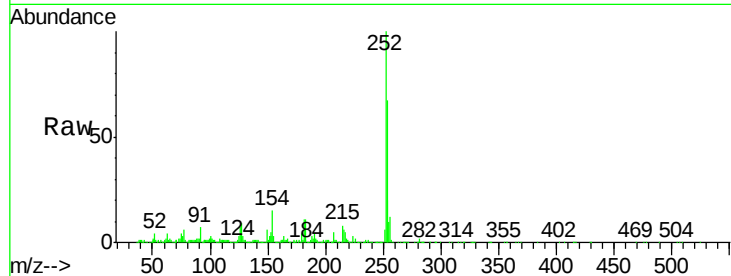
#81
 3,3'-Dichlorobenzidine
 Concen: 37.77 ng
 RT: 21.75 min Scan# 3218
 Delta R.T. 0.01 min
 Lab File: BG022651.D
 Acq: 27 Jun 2016 20:38

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 1303133
 Ion Ratio Lower Upper
 252 100
 254 66.9 51.2 76.8
 126 7.0 5.3 7.9

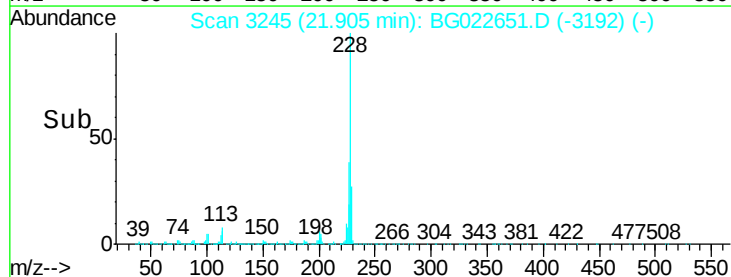
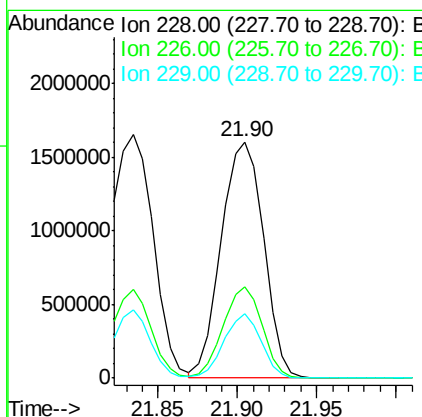
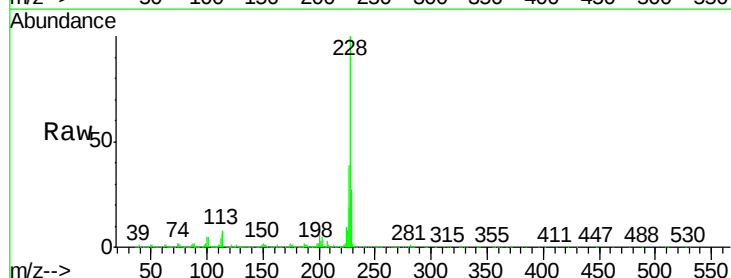
Manual Integrations

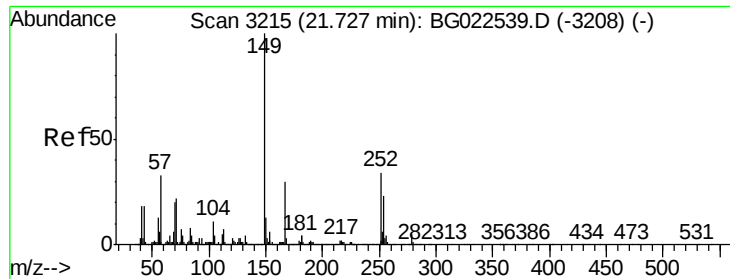
umangi
 6/28/2016 7:27:31 PM



#82
 Chrysene
 Concen: 37.93 ng
 RT: 21.90 min Scan# 3245
 Delta R.T. 0.01 min
 Lab File: BG022651.D
 Acq: 27 Jun 2016 20:38

Tgt Ion:228 Resp: 2976989
 Ion Ratio Lower Upper
 228 100
 226 38.6 26.7 40.1
 229 27.4 17.4 26.2#





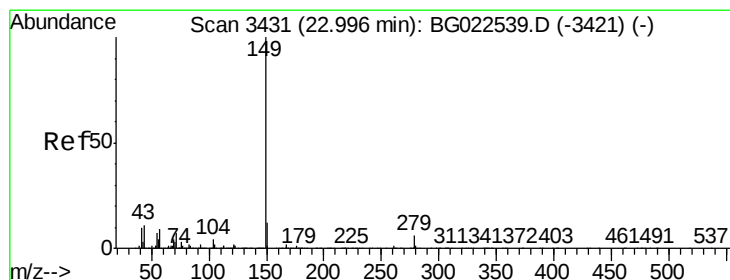
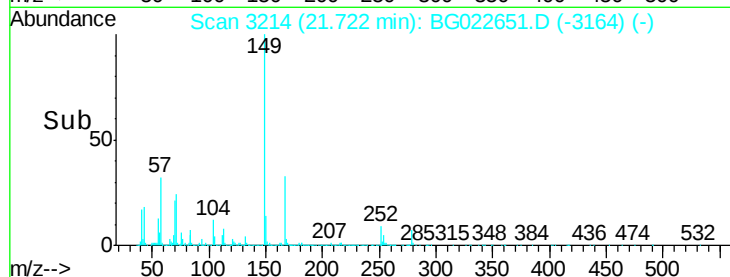
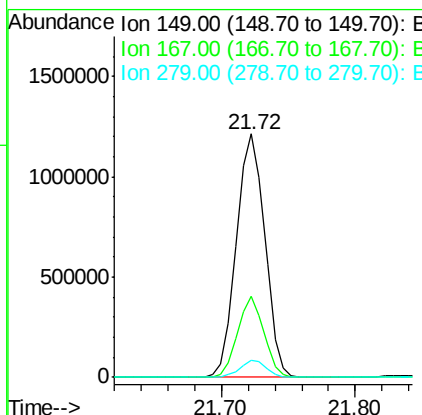
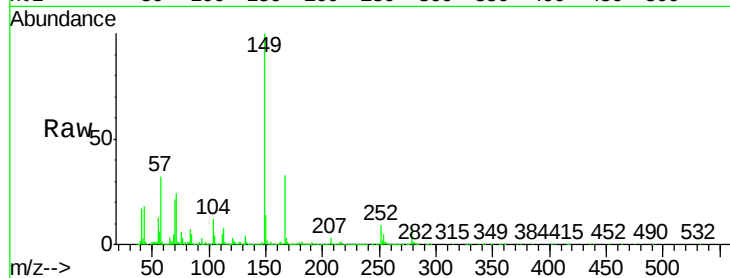
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.60 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.01 min
 Lab File: BG022651.D
 Acq: 27 Jun 2016 20:38

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 1793565
 Ion Ratio Lower Upper
 149 100
 167 33.4 24.0 36.0
 279 6.9 4.8 7.2

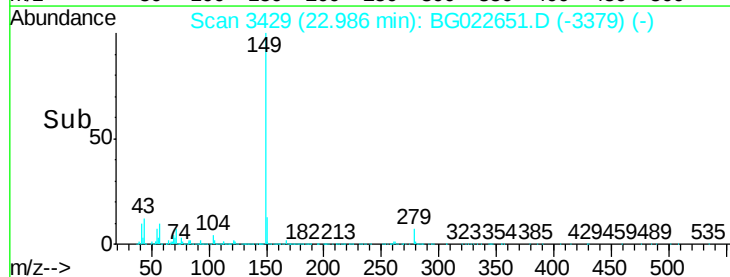
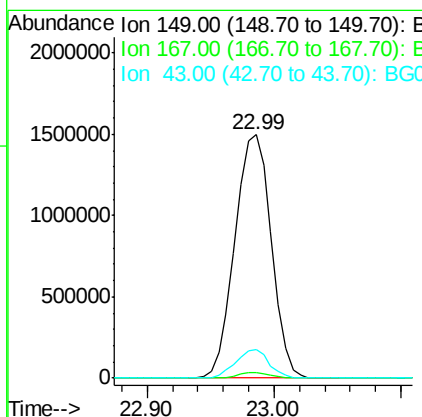
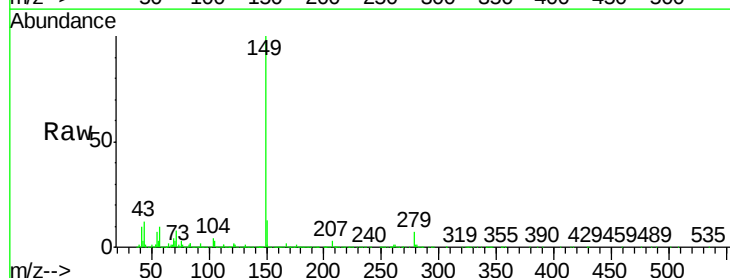
Manual Integrations

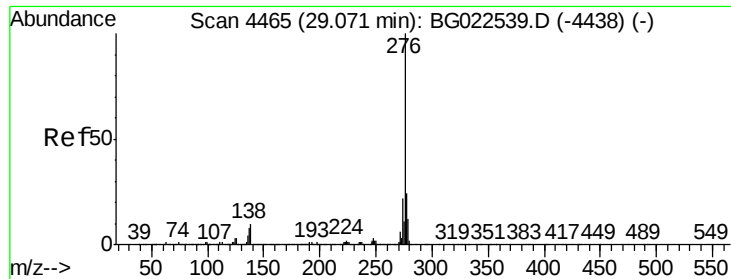
umangi
 6/28/2016 7:27:31 PM



#84
 Di-n-octyl phthalate
 Concen: 36.74 ng
 RT: 22.99 min Scan# 3429
 Delta R.T. -0.01 min
 Lab File: BG022651.D
 Acq: 27 Jun 2016 20:38

Tgt Ion:149 Resp: 2967983
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.5 2.3
 43 10.8 8.8 13.2





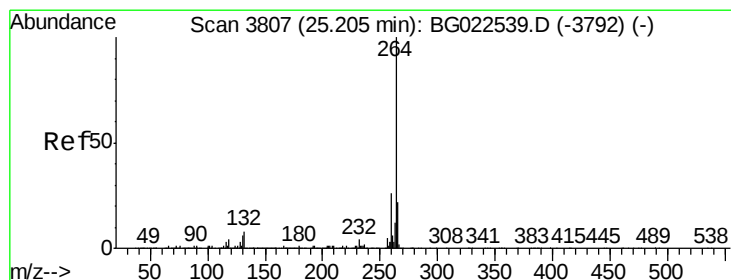
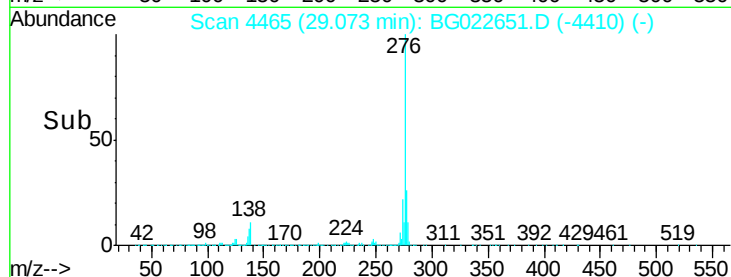
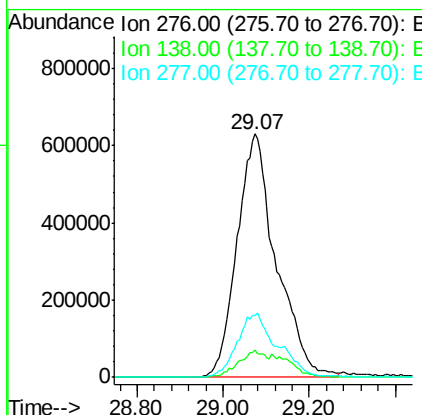
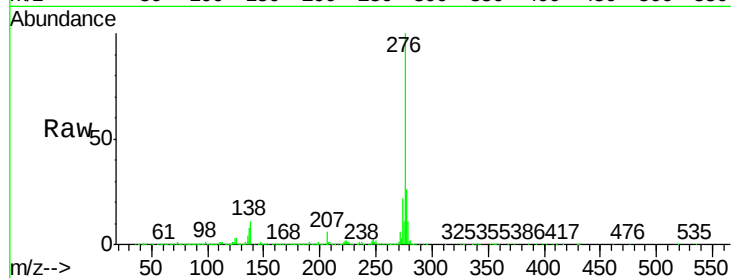
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.96 ng
RT: 29.07 min Scan# 4465
Delta R.T. 0.02 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:276 Resp: 4018648
Ion Ratio Lower Upper
276 100
138 7.8 0.0 0.0#
277 26.8 0.0 0.0#

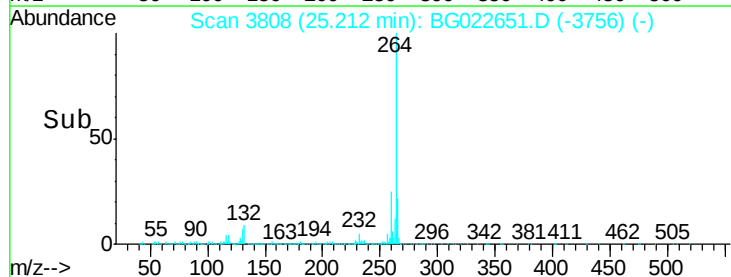
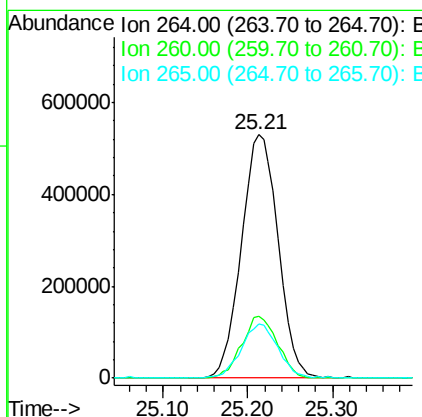
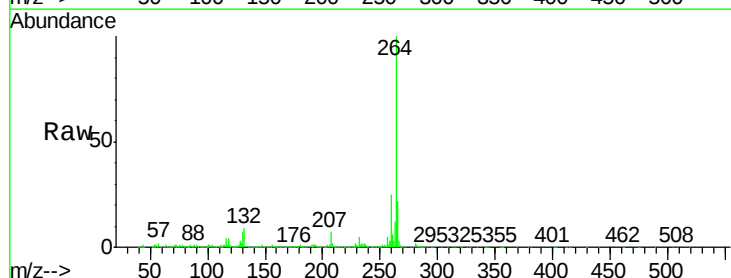
Manual Integrations

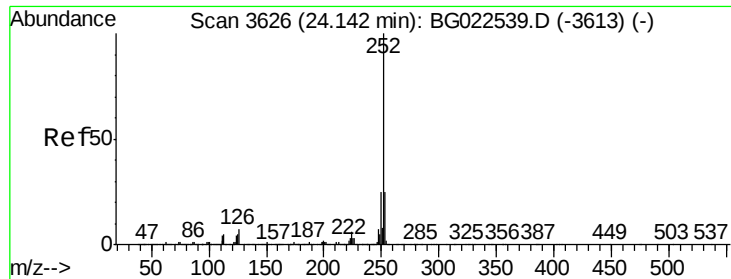
umangi
6/28/2016 7:27:31 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. 0.01 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Tgt Ion:264 Resp: 1594926
Ion Ratio Lower Upper
264 100
260 25.3 18.4 27.6
265 22.4 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 36.86 ng

RT: 24.14 min Scan# 3626

Delta R.T. 0.01 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 3534779

Ion Ratio Lower Upper

252 100

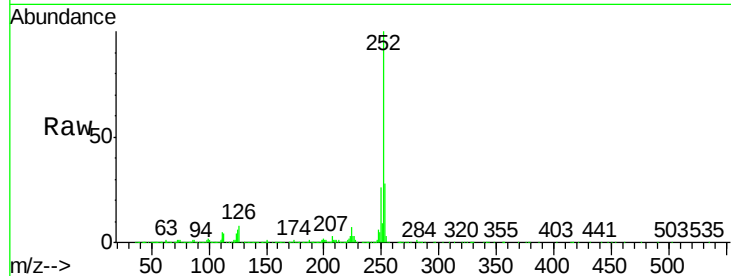
253 28.1 18.9 28.3

125 5.8 3.9 5.9

Manual Integrations

umangi

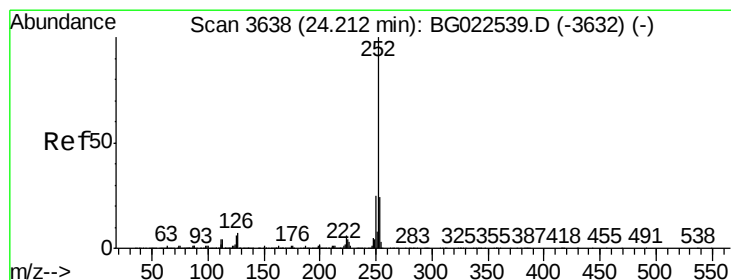
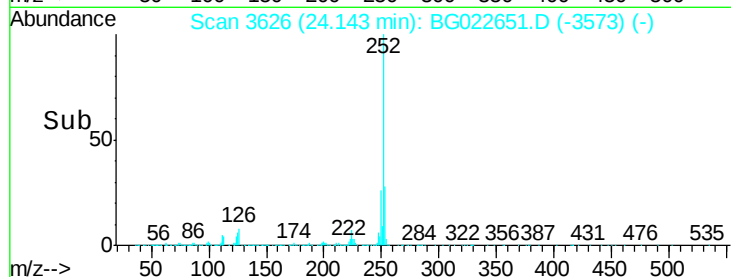
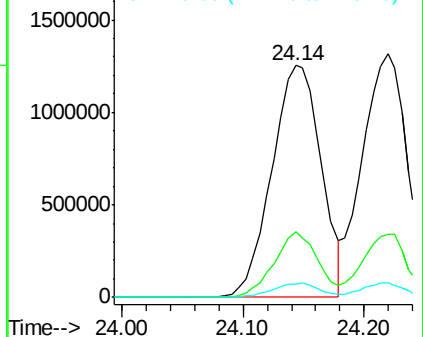
6/28/2016 7:27:31 PM



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: 37.33 ng

RT: 24.22 min Scan# 3639

Delta R.T. 0.02 min

Lab File: BG022651.D

Acq: 27 Jun 2016 20:38

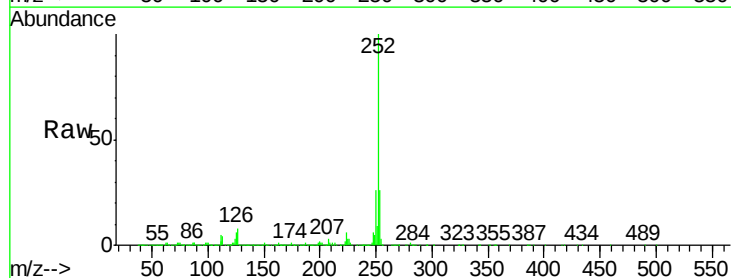
Tgt Ion:252 Resp: 3384675

Ion Ratio Lower Upper

252 100

253 26.0 18.8 28.2

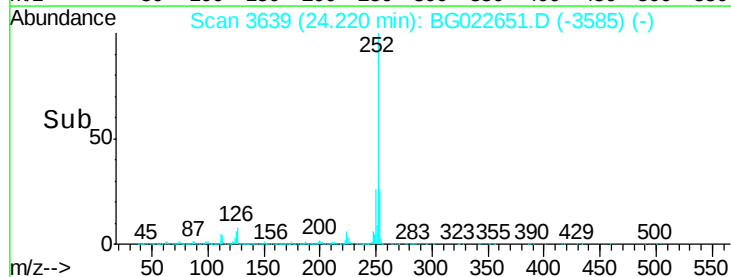
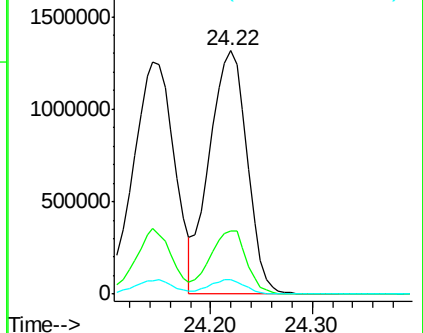
125 5.9 3.2 4.8#

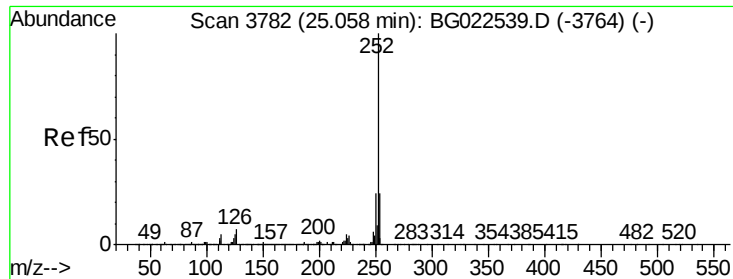


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





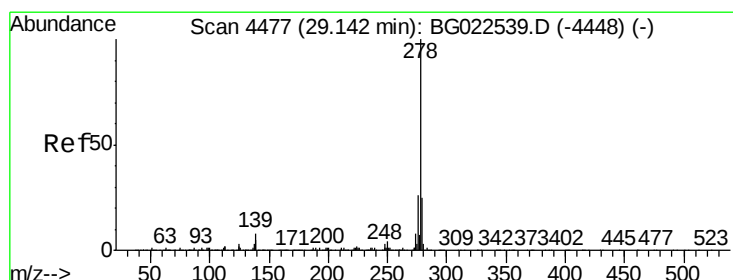
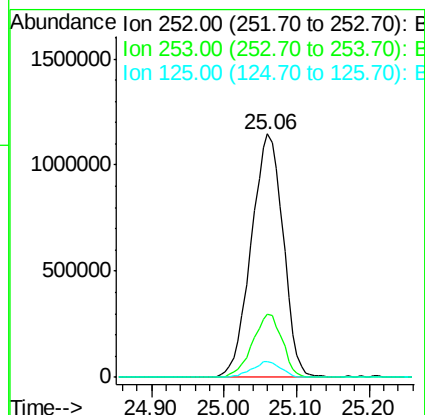
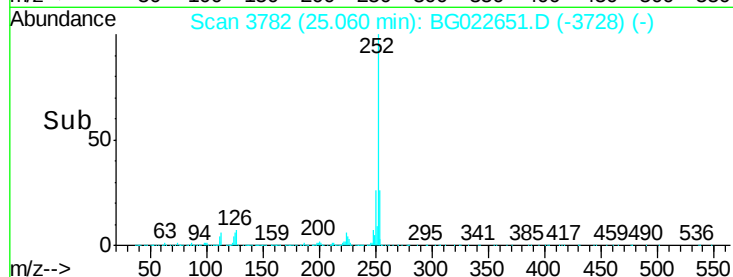
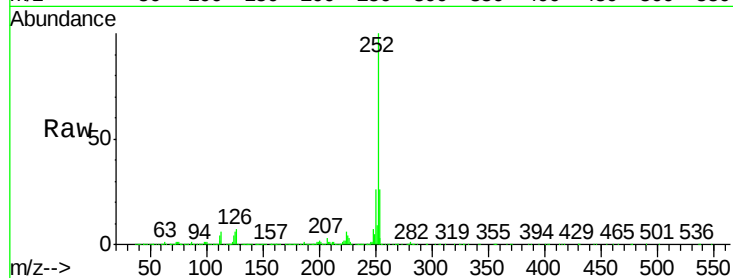
#89
Benzo(a)pyrene
Concen: 37.49 ng
RT: 25.06 min Scan# 3782
Delta R.T. 0.02 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 3505064
Ion Ratio Lower Upper
252 100
253 25.9 18.7 28.1
125 6.4 3.9 5.9#

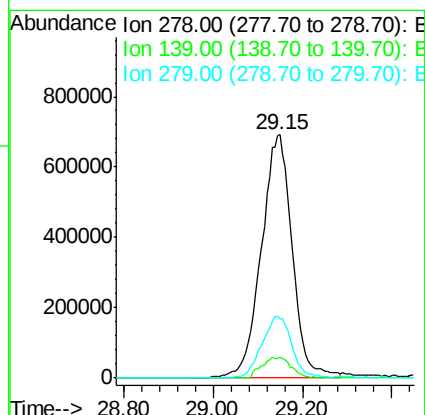
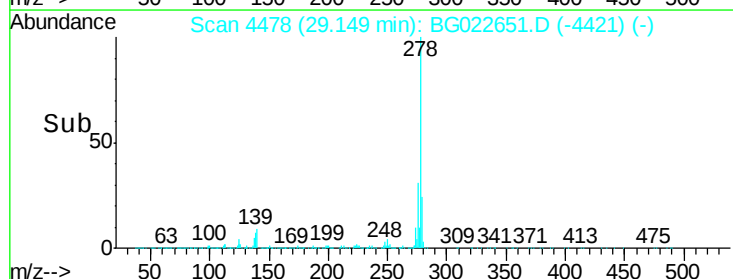
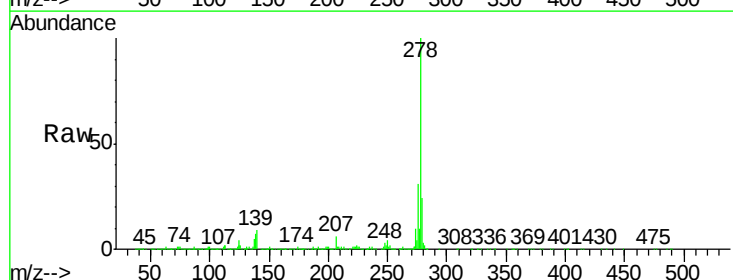
Manual Integrations

umangi
6/28/2016 7:27:31 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.88 ng
RT: 29.15 min Scan# 4478
Delta R.T. 0.04 min
Lab File: BG022651.D
Acq: 27 Jun 2016 20:38

Tgt Ion:278 Resp: 3334175
Ion Ratio Lower Upper
278 100
139 8.7 4.7 7.1#
279 24.3 18.3 27.5





#91
 Benzo(a,h,i)perylene
 Concen: 36.28 ng
 RT: 30.28 min Scan# 4671
 Delta R.T. 0.03 min
 Lab File: BG022651.D
 Acq: 27 Jun 2016 20:38

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	27.8
138	10.9	6.8	10.2

Manual Integrations

umangi
 6/28/2016 7:27:31 PM

