

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
 Data File : BG022873.D
 Acq On : 6 Jul 2016 11:42
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations

APPROVED
 SOHIL
 7/7/2016 4:18:39 AM

Quant Time: Jul 06 15:47:26 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	115446	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	517968	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	403202	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	969775	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1051105	20.00	ng	0.01
86) Perylene-d12	25.23	264	1088533	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	561455	78.01	ng	0.00
7) Phenol-d6	7.31	99	892877	88.01	ng	0.00
23) Nitrobenzene-d5	9.33	82	964559	78.82	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	541187	85.34	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2025154	79.65	ng	0.00
78) Terphenyl-d14	20.15	244	2833337	71.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	107641	36.90	ng	# 93
3) Pyridine	3.98	79	367539	45.04	ng	95
4) n-Nitrosodimethylamine	3.89	42	159371	34.15	ng	# 99
6) Aniline	7.48	93	595354	44.26	ng	96
8) 2-Chlorophenol	7.72	128	295502	39.64	ng	95
9) Benzaldehyde	7.29	77	288279	80.74	ng	93
10) Phenol	7.34	94	459221	42.83	ng	88
11) bis(2-Chloroethyl)ether	7.57	93	336449	38.12	ng	97
12) 1,3-Dichlorobenzene	8.05	146	354143	39.04	ng	99
13) 1,4-Dichlorobenzene	8.19	146	368514	40.52	ng	94
14) 1,2-Dichlorobenzene	8.52	146	349553	40.41	ng	98
15) Benzyl Alcohol	8.39	79	390877	41.64	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	416039	42.62	ng	96
17) 2-Methylphenol	8.60	107	294439	41.66	ng	97
18) Hexachloroethane	9.25	117	150742	40.04	ng	92
19) n-Nitroso-di-n-propylamine	8.96	70	352148	41.68	ng	95
20) 3+4-Methylphenols	8.93	107	418801	43.02	ng	94
22) Acetophenone	8.99	105	602191	40.22	ng	# 94
24) Nitrobenzene	9.37	77	509469	37.67	ng	# 90
25) Isophorone	9.90	82	897517	37.78	ng	96
26) 2-Nitrophenol	10.09	139	204608	42.00	ng	87
27) 2,4-Dimethylphenol	10.14	122	340355	36.56	ng	94
28) bis(2-Chloroethoxy)methane	10.38	93	521810	40.23	ng	100
29) 2,4-Dichlorophenol	10.63	162	379577	41.85	ng	100
30) 1,2,4-Trichlorobenzene	10.84	180	444948	41.32	ng	98
31) Naphthalene	11.04	128	1072221	41.18	ng	95
32) Benzoic acid	10.29	122	311063	50.79	ng	95
33) 4-Chloroaniline	11.14	127	522333	46.58	ng	94
34) Hexachlorobutadiene	11.31	225	347154	41.48	ng	95
35) Caprolactam	11.92	113	137023	47.96	ng	97
36) 4-Chloro-3-methylphenol	12.26	107	513577	46.13	ng	95
37) 2-Methylnaphthalene	12.64	142	836095	41.41	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	707535	46.48	ng	98
40) Hexachlorocyclopentadiene	12.97	237	320895	26.41	ng	95

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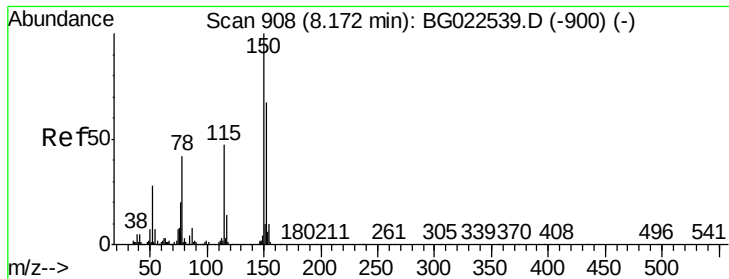
Manual Integrations

APPROVED
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Quant Time: Jul 06 15:47:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG062516.M
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 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	406686	41.66	ng	98
43) 2,4,5-Trichlorophenol	13.31	196	404766	39.63	ng	92
45) 1,1'-Biphenyl	13.63	154	1237553	40.29	ng	98
46) 2-Chloronaphthalene	13.68	162	982155	38.86	ng	96
47) 2-Nitroaniline	13.88	65	416686	42.71	ng	95
48) Acenaphthylene	14.53	152	1466191	40.00	ng	98
49) Dimethylphthalate	14.25	163	1242112	37.14	ng	97
50) 2,6-Dinitrotoluene	14.37	165	294452	40.51	ng	84
51) Acenaphthene	14.87	154	1088708m	40.32	ng	
52) 3-Nitroaniline	14.70	138	294688	43.33	ng	83
53) 2,4-Dinitrophenol	14.91	184	155483	34.73	ng	93
54) Dibenzofuran	15.20	168	1438926	36.79	ng	99
55) 4-Nitrophenol	15.01	139	224243	38.99	ng	96
56) 2,4-Dinitrotoluene	15.16	165	415611	41.28	ng	# 97
57) Fluorene	15.85	166	1237560	39.65	ng	94
58) 2,3,4,6-Tetrachlorophenol	15.43	232	395074m	37.31	ng	
59) Diethylphthalate	15.60	149	1261708	36.69	ng	97
60) 4-Chlorophenyl-phenylether	15.84	204	747986	40.25	ng	94
61) 4-Nitroaniline	15.87	138	294838	42.02	ng	# 82
62) Azobenzene	16.13	77	1250959	33.59	ng	91
64) 4,6-Dinitro-2-methylphenol	15.92	198	262713	40.39	ng	95
65) n-Nitrosodiphenylamine	16.05	169	1133443	40.16	ng	97
66) 4-Bromophenyl-phenylether	16.74	248	503050	39.98	ng	93
67) Hexachlorobenzene	16.85	284	552081	41.50	ng	99
68) Atrazine	16.99	200	480335	40.31	ng	97
69) Pentachlorophenol	17.20	266	337427	36.86	ng	99
70) Phenanthrene	17.60	178	1879406	38.00	ng	99
71) Anthracene	17.69	178	1932989	37.98	ng	99
72) Carbazole	17.96	167	1620261	37.55	ng	98
73) Di-n-butylphthalate	18.50	149	1905228	37.92	ng	99
74) Fluoranthene	19.60	202	2218946	38.95	ng	98
76) Benzidine	19.78	184	1470454	131.40	ng	96
77) Pyrene	19.96	202	2271152	40.57	ng	98
79) Butylbenzylphthalate	20.84	149	936524	38.64	ng	94
80) Benzo(a)anthracene	21.84	228	2352273	40.44	ng	98
81) 3,3'-Dichlorobenzidine	21.75	252	1021582	42.53	ng	95
82) Chrysene	21.91	228	2231688	40.83	ng	96
83) Bis(2-ethylhexyl)phthalate	21.72	149	1297547	38.03	ng	98
84) Di-n-octyl phthalate	22.98	149	2140045	38.05	ng	98
85) Indeno(1,2,3-cd)pyrene	29.09	276	2689505	37.45	ng	# 100
87) Benzo(b)fluoranthene	24.16	252	2557335	39.07	ng	98
88) Benzo(k)fluoranthene	24.23	252	2353733	38.04	ng	# 96
89) Benzo(a)pyrene	25.07	252	2398346	37.59	ng	# 97
90) Dibenzo(a,h)anthracene	29.16	278	2320940	38.64	ng	# 92
91) Benzo(g,h,i)perylene	30.31	276	2300061	37.62	ng	# 96

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



#1

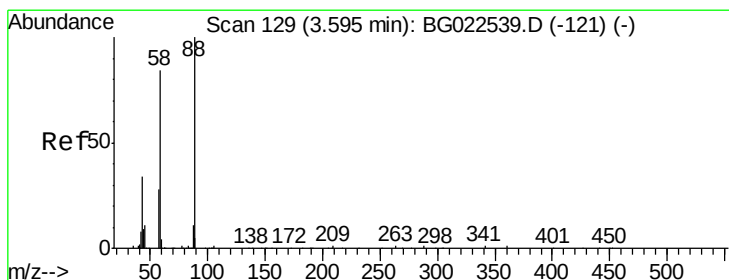
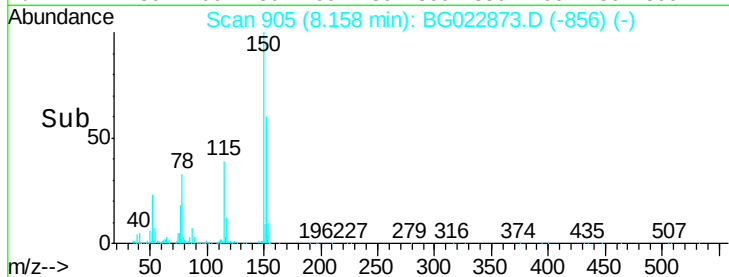
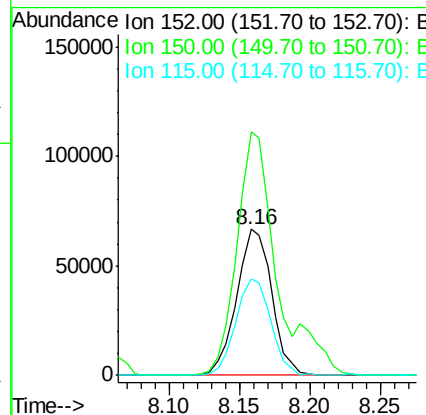
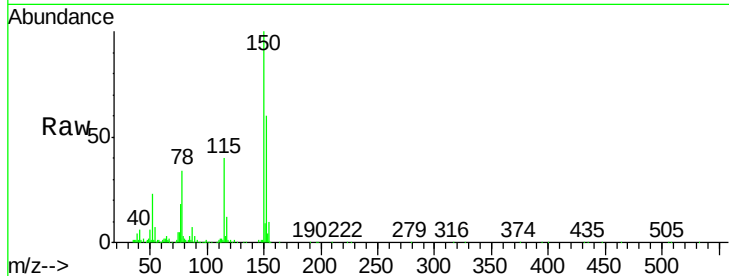
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	166.7	144.7	217.1
115	66.2	64.0	96.0

Manual Integrations

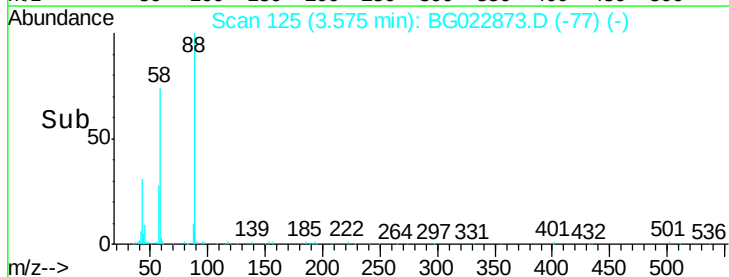
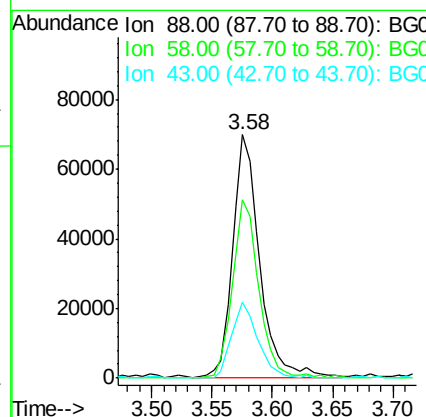
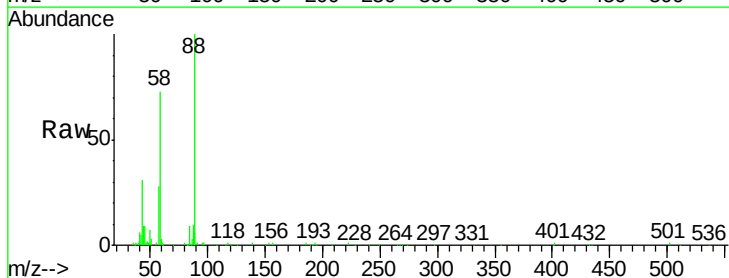
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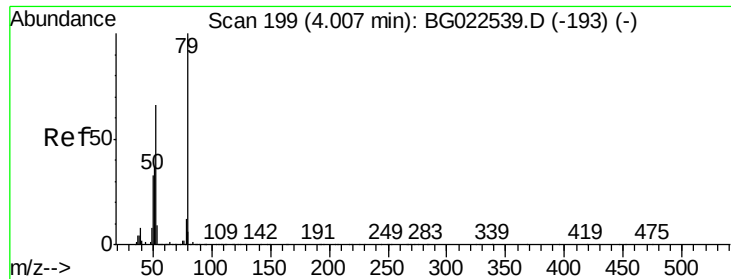


#2

1,4-Dioxane
Concen: 36.90 ng
RT: 3.58 min Scan# 125
Delta R.T. -0.02 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.8	60.4	90.6
43	30.7	31.1	46.7





#3

Pyridine

Concen: 45.04 ng

RT: 3.98 min Scan# 194

Delta R.T. -0.03 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 367539

Ion Ratio Lower Upper

79 100

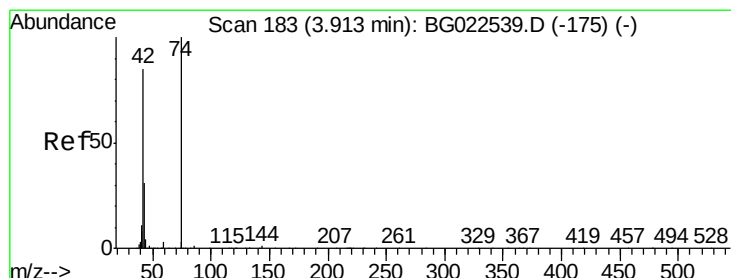
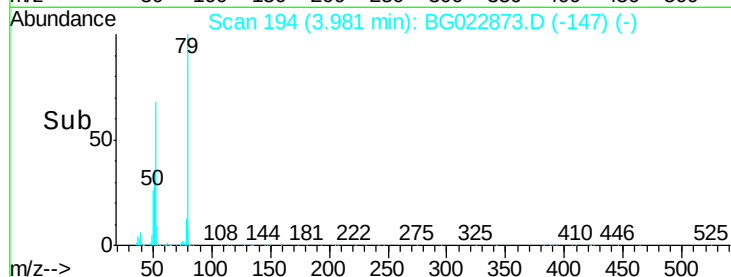
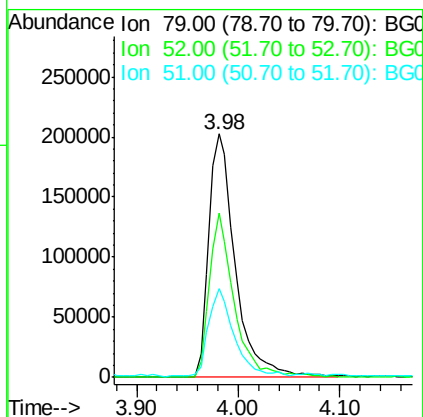
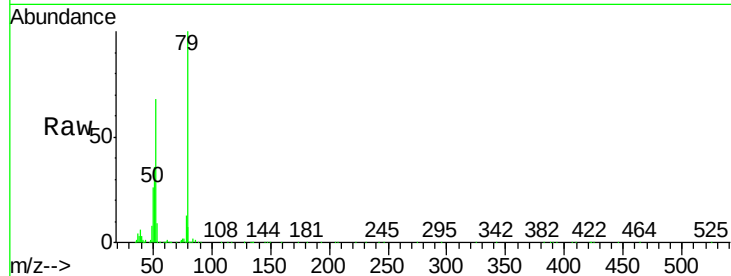
52 67.6 51.8 77.8

51 36.3 32.7 49.1

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 34.15 ng

RT: 3.89 min Scan# 179

Delta R.T. -0.02 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

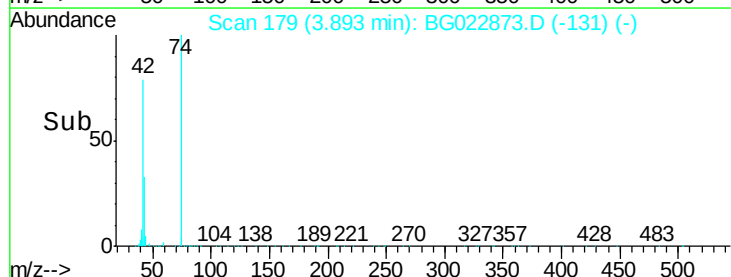
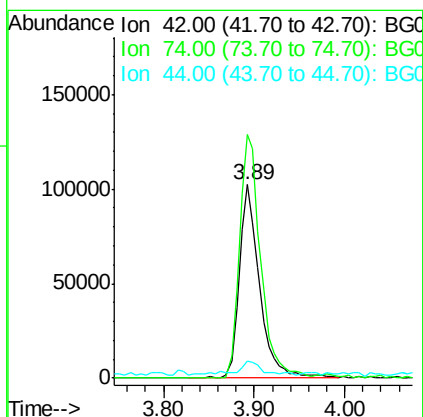
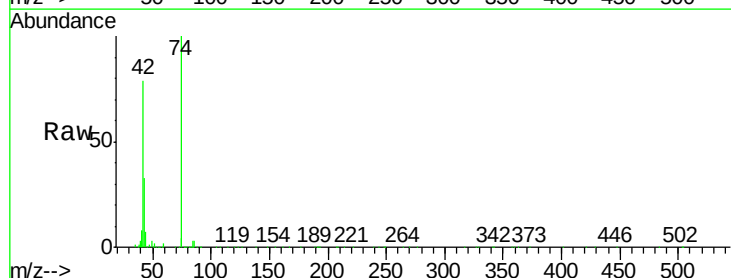
Tgt Ion: 42 Resp: 159371

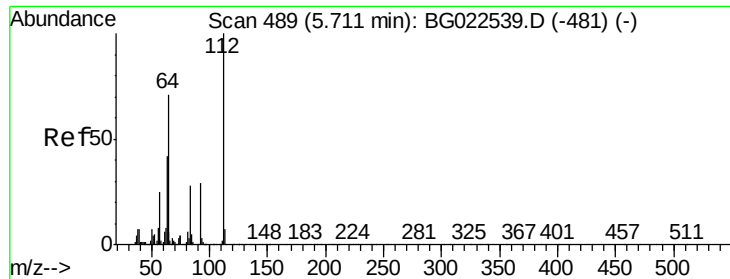
Ion Ratio Lower Upper

42 100

74 126.0 100.6 150.8

44 8.6 4.5 6.7#





#5

2-Fluorophenol

Concen: 78.01 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

Instrument :

BNA_G

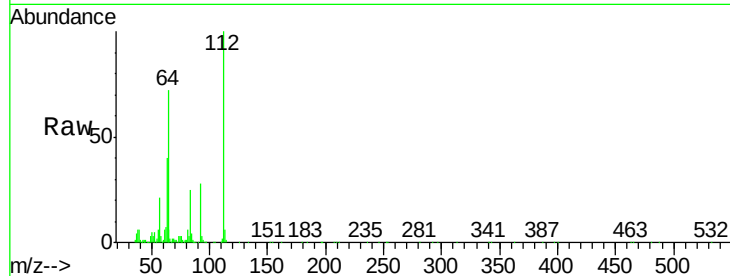
ClientSampleId :

SSTDCCC040

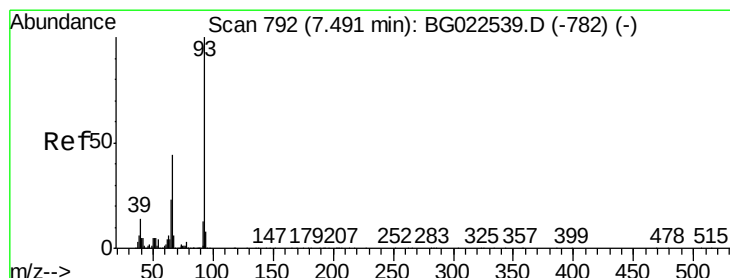
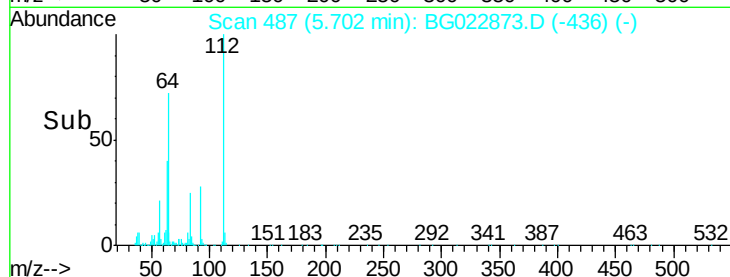
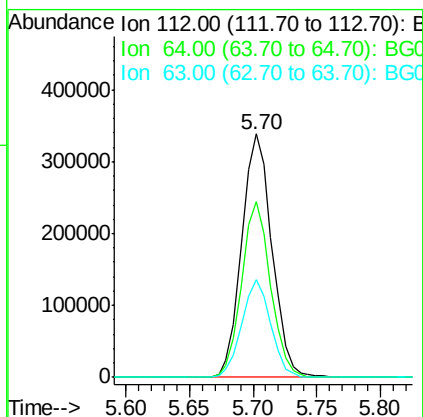
Manual Integrations

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Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	59.0	88.4
63	40.1	37.8	56.8



#6

Aniline

Concen: 44.26 ng

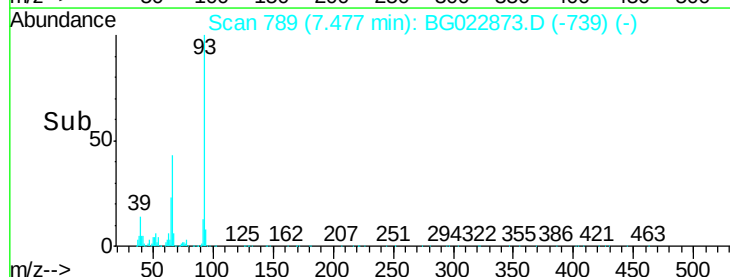
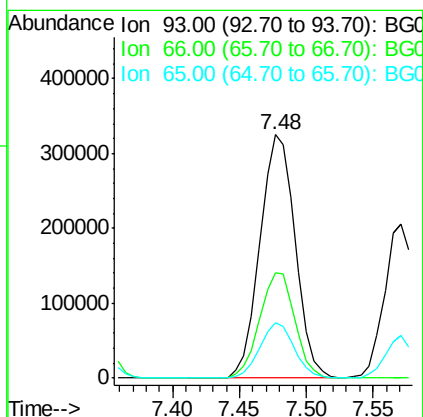
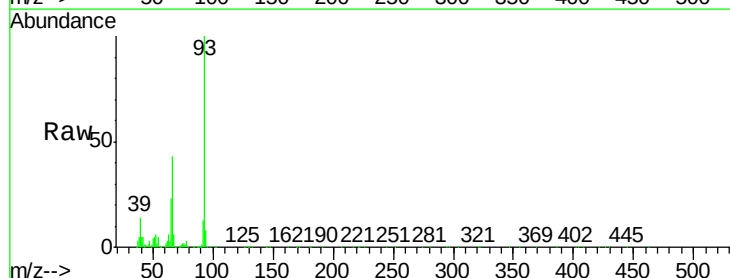
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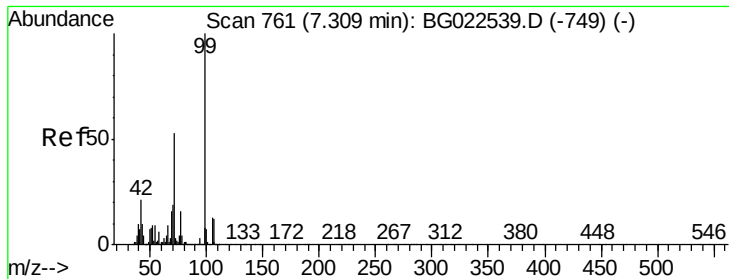
Delta R.T. -0.01 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

Tgt Ion	Ratio	Lower	Upper
93	100		
66	43.3	37.5	56.3
65	22.9	17.9	26.9





#7

Phenol-d6

Concen: 88.01 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

Instrument :

BNA_G

ClientSampleId :

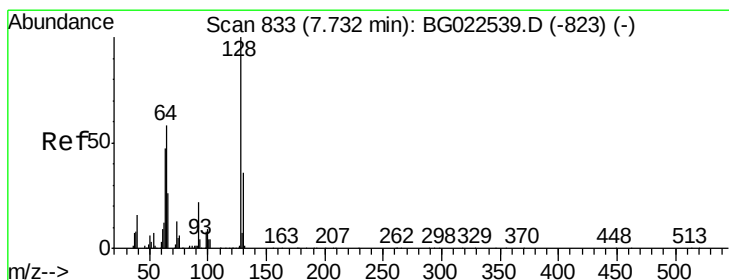
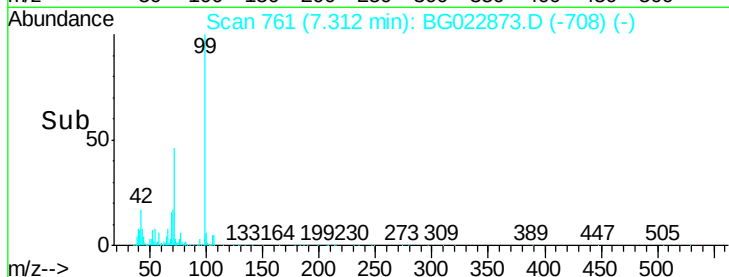
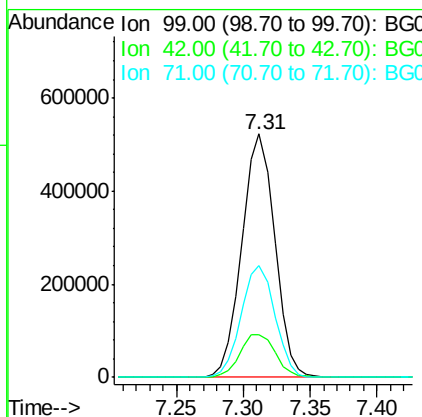
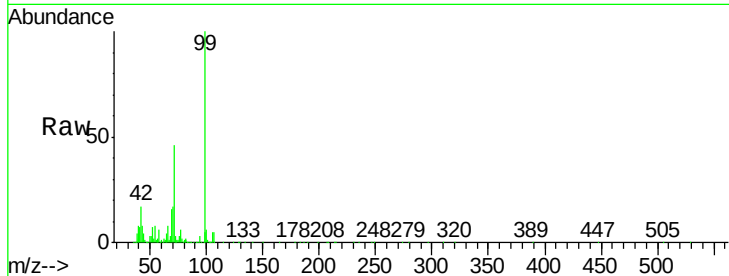
SSTDCCC040

Tgt Ion:	99	Resp:	892877
Ion Ratio	Lower	Upper	
99	100		
42	17.4	17.8	26.6#
71	46.0	41.5	62.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.64 ng

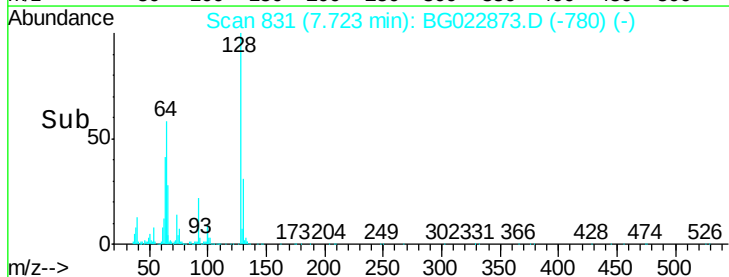
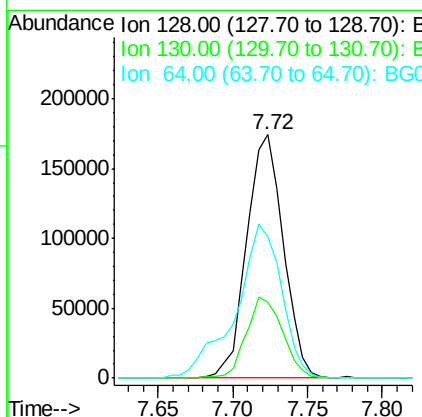
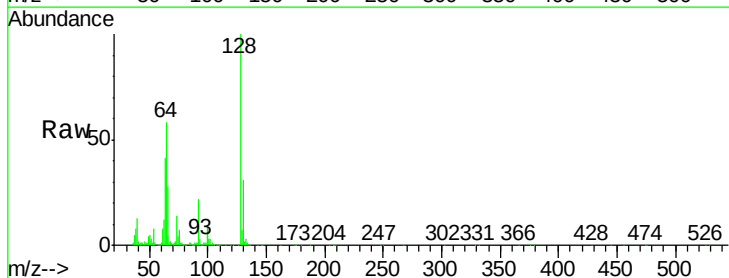
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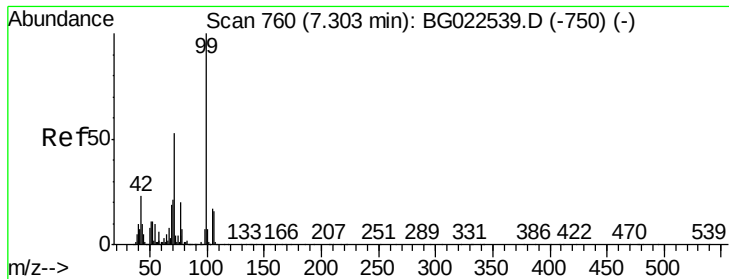
Delta R.T. -0.00 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

Tgt Ion:	128	Resp:	295502
Ion Ratio	Lower	Upper	
128	100		
130	31.1	12.9	52.9
64	58.0	42.0	82.0





#9

Benzaldehyde

Concen: 80.74 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG022873.D

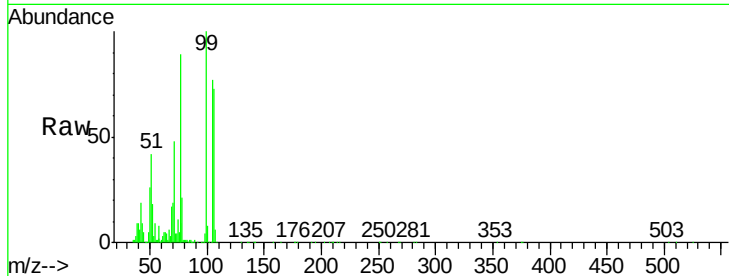
Acq: 6 Jul 2016 11:42

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

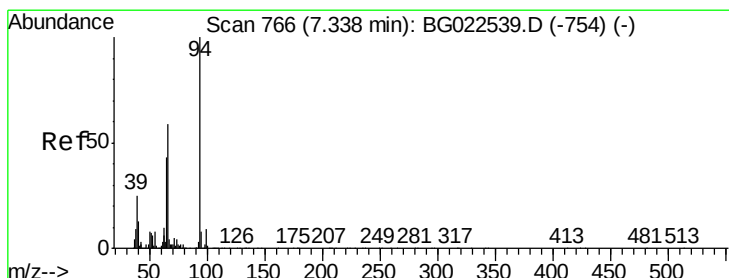
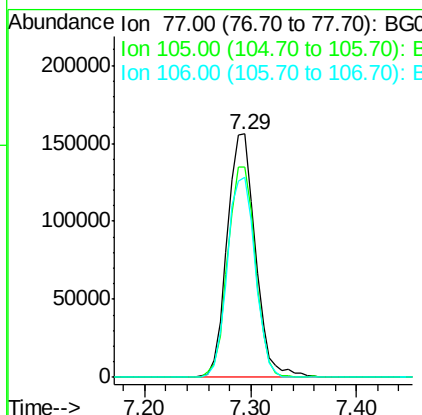
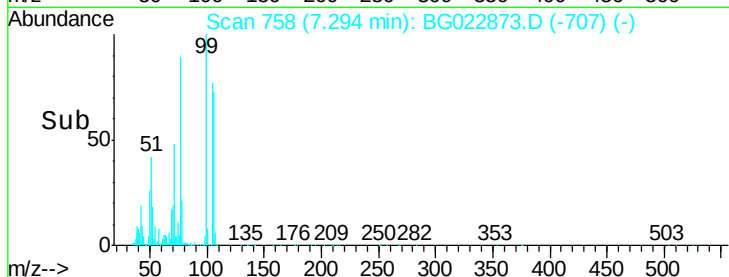


Tgt Ion	77	Resp	288279
Ion Ratio	Lower	Upper	
77	100		
105	86.5	58.7	98.7
106	82.0	67.5	107.5

Manual Integrations

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#10

Phenol

Concen: 42.83 ng

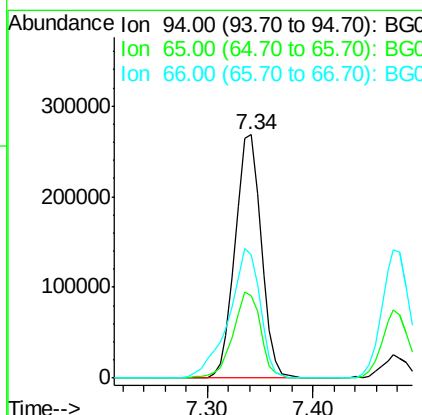
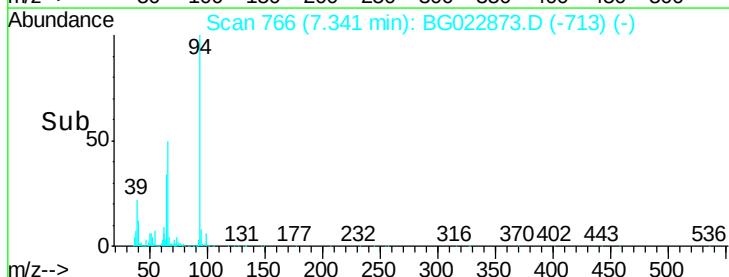
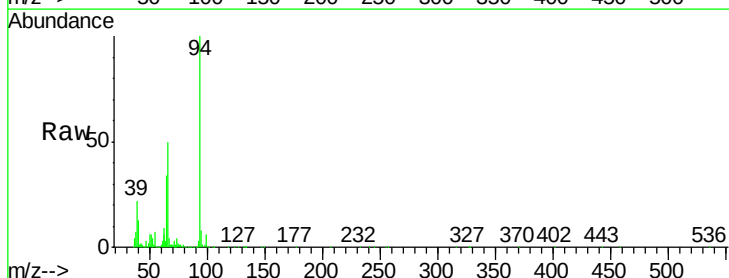
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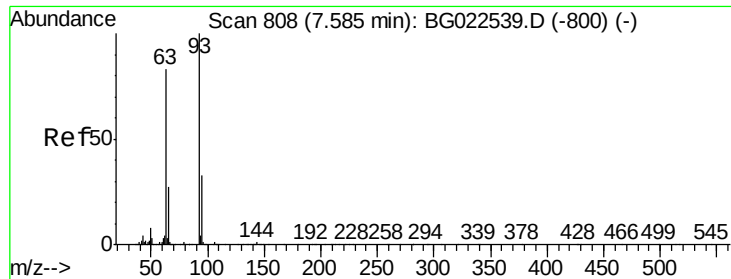
Delta R.T. 0.01 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

Tgt Ion	94	Resp	459221
Ion Ratio	Lower	Upper	
94	100		
65	33.6	18.1	58.1
66	50.4	42.1	82.1





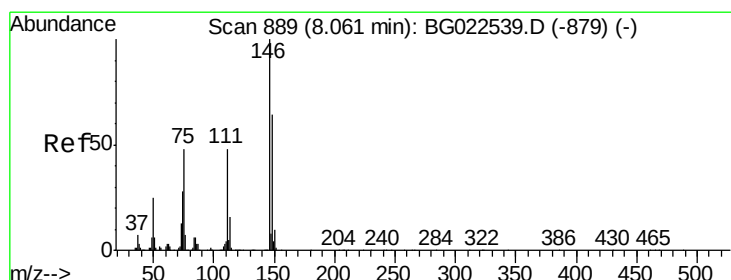
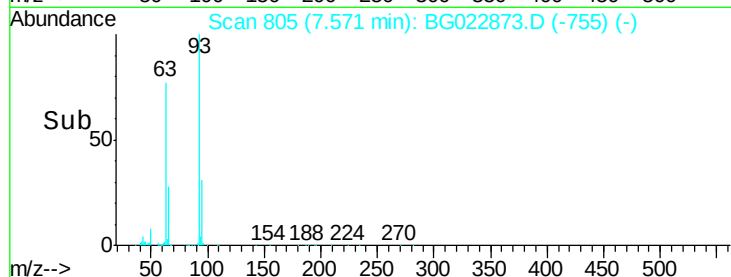
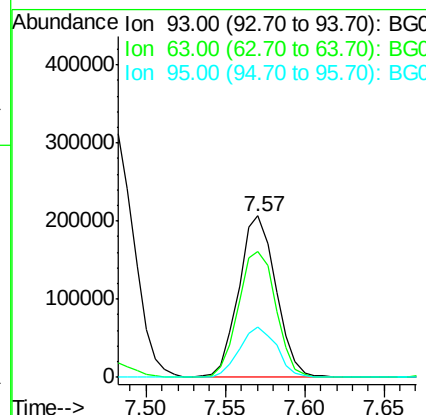
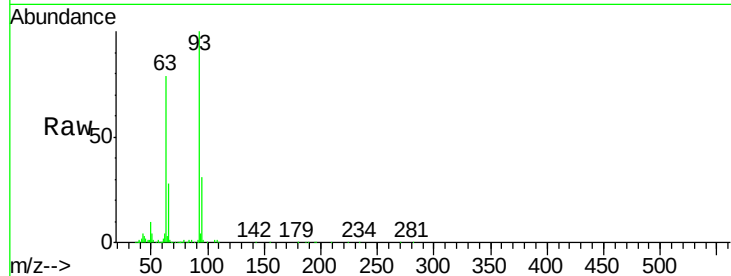
#11
bis(2-Chloroethyl)ether
Concen: 38.12 ng
RT: 7.57 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.5	55.0	95.0
95	31.0	11.0	51.0

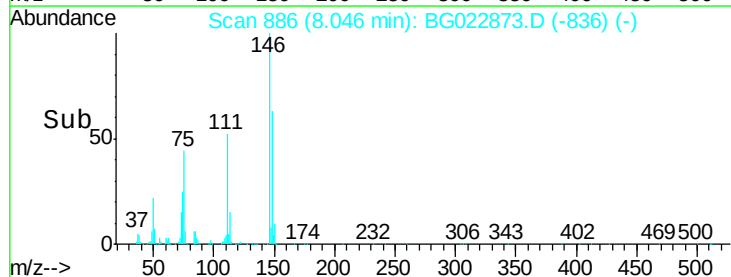
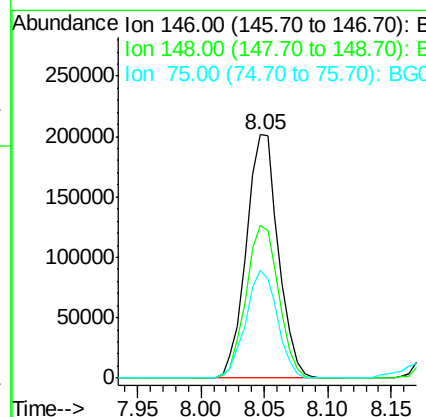
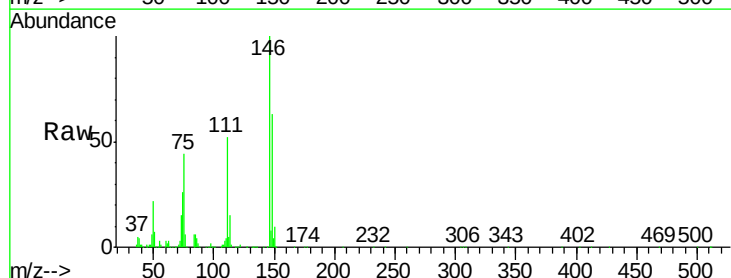
Manual Integrations

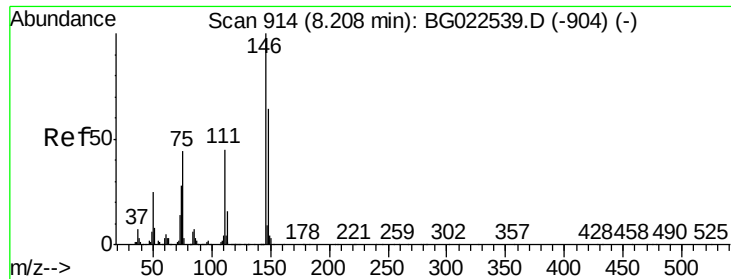
APPROVED
SOHIL
7/7/2016 4:18:39 AM



#12
1,3-Dichlorobenzene
Concen: 39.04 ng
RT: 8.05 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
75	44.1	37.0	55.6





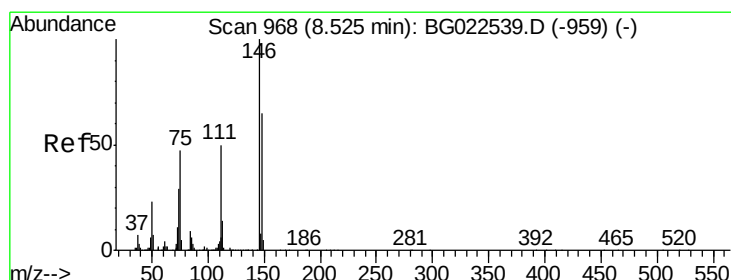
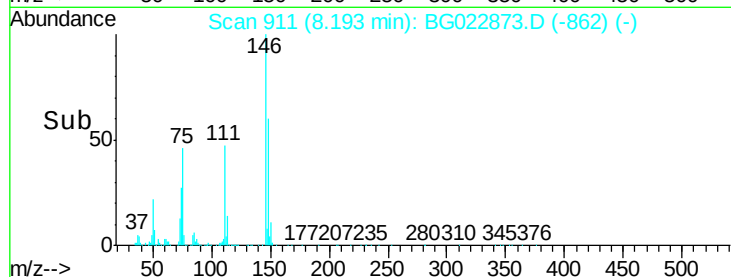
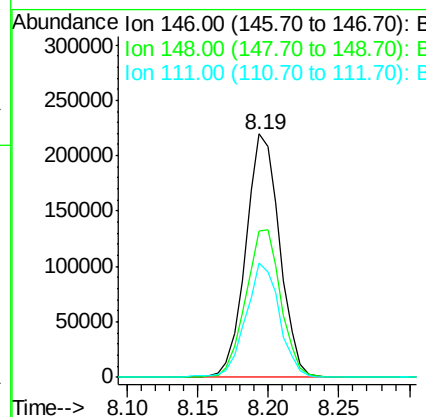
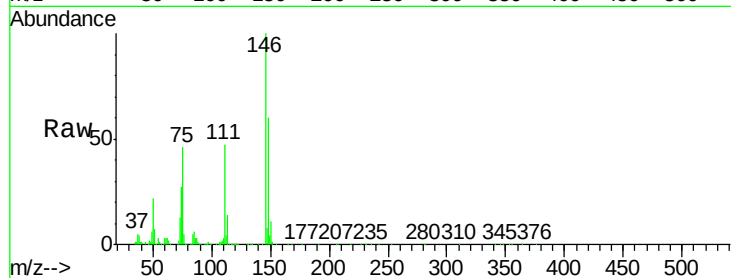
#13
1,4-Dichlorobenzene
Concen: 40.52 ng
RT: 8.19 min Scan# 911
Delta R.T. -0.01 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.0	54.5	81.7
111	47.0	37.8	56.8

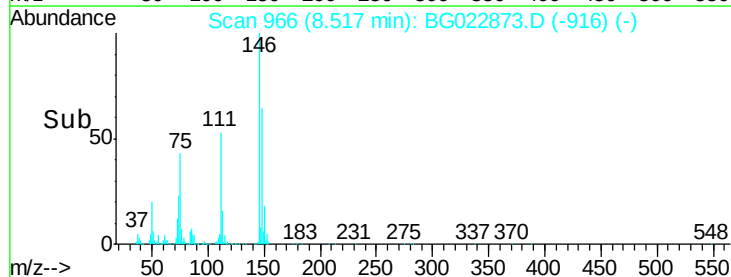
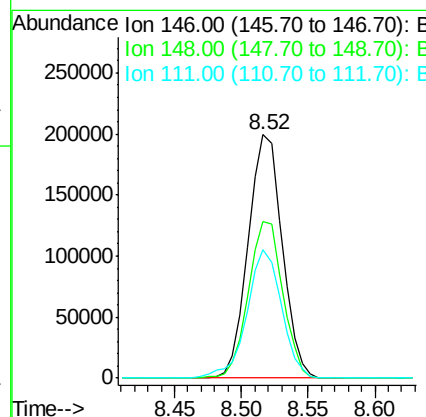
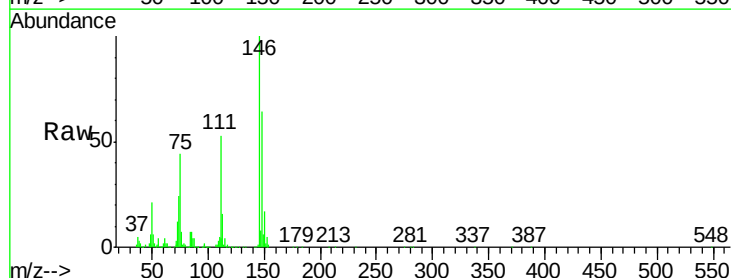
Manual Integrations

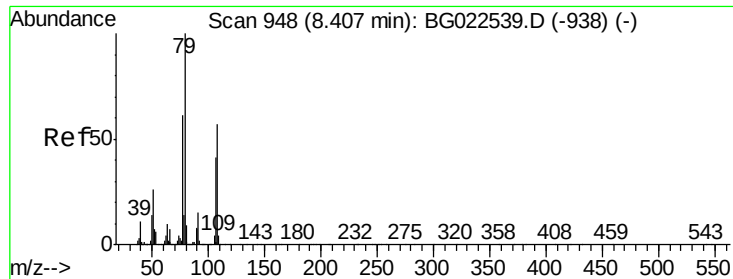
SOHIL
7/7/2016 4:18:39 AM



#14
1,2-Dichlorobenzene
Concen: 40.41 ng
RT: 8.52 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.9	79.3
111	52.6	43.5	65.3





#15

Benzyl Alcohol

Concen: 41.64 ng

RT: 8.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

Instrument :

BNA_G

ClientSampleId :

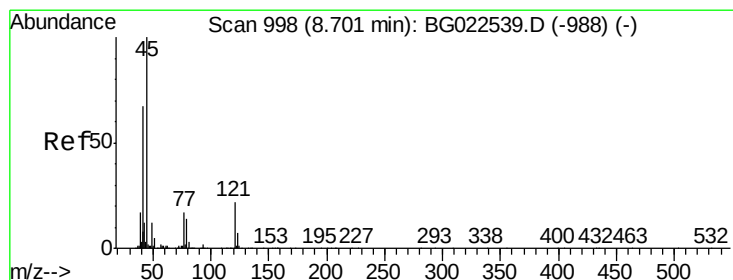
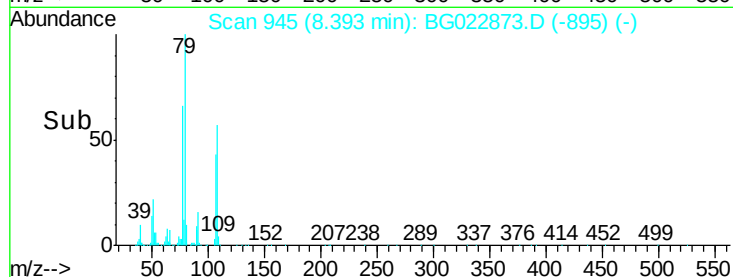
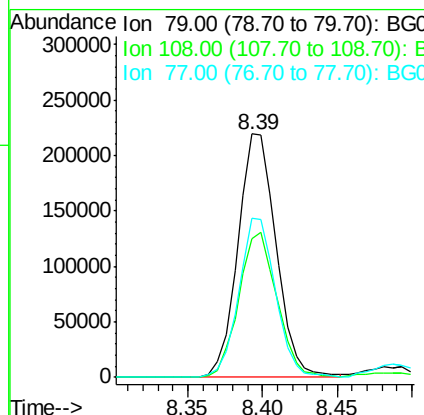
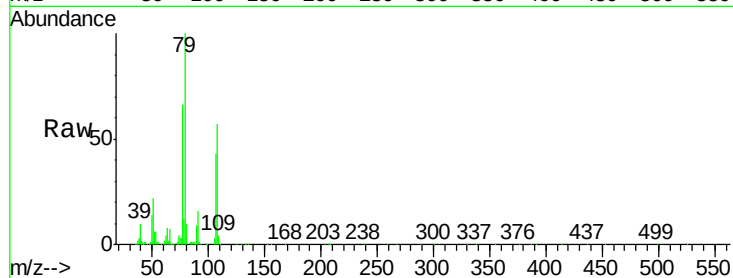
SSTDCCC040

Tgt Ion:	79	Resp:	390877
Ion	Ratio	Lower	Upper
79	100		
108	57.1	46.5	69.7
77	65.5	52.3	78.5

Manual Integrations

SOHIL

7/7/2016 4:18:39 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.62 ng

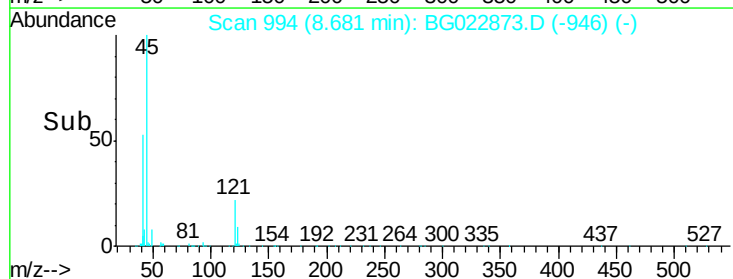
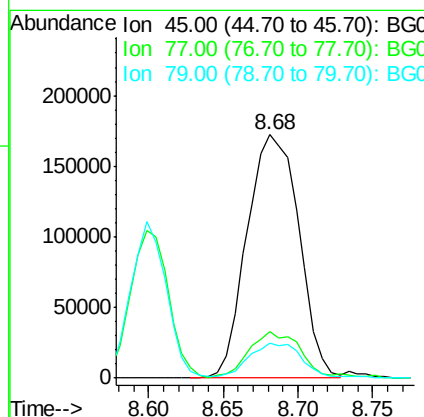
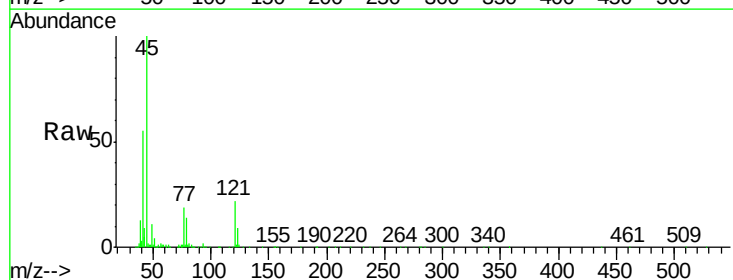
RT: 8.68 min Scan# 994

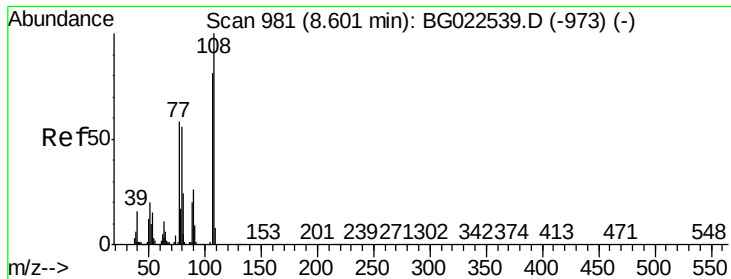
Delta R.T. -0.02 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

Tgt Ion:	45	Resp:	416039
Ion	Ratio	Lower	Upper
45	100		
77	19.3	0.6	40.6
79	14.2	0.0	36.2





#17

2-Methylphenol

Concen: 41.66 ng

RT: 8.60 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG022873.D

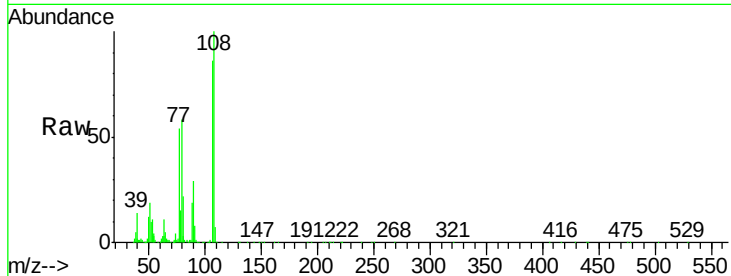
Acq: 6 Jul 2016 11:42

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

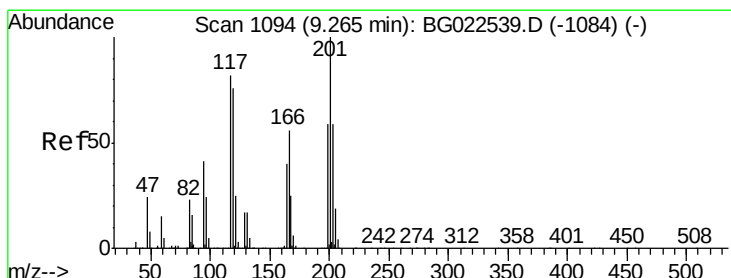
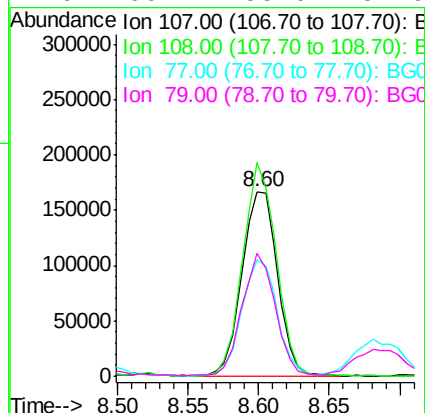
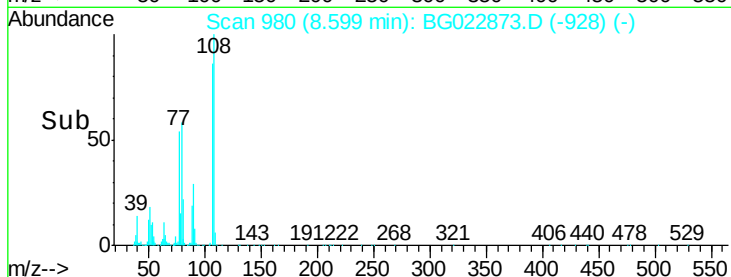


Tgt Ion	Ratio	Resp	Lower	Upper
107	100	294439		
108	115.7	92.0	138.0	
77	62.9	55.8	83.6	
79	66.7	55.0	82.6	

Manual Integrations

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#18

Hexachloroethane

Concen: 40.04 ng

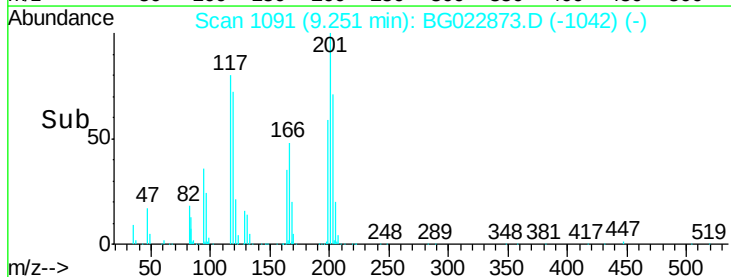
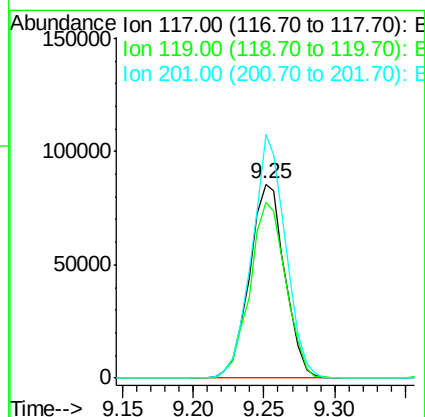
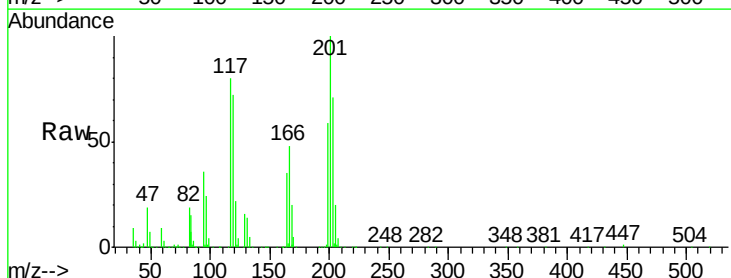
RT: 9.25 min Scan# 1091

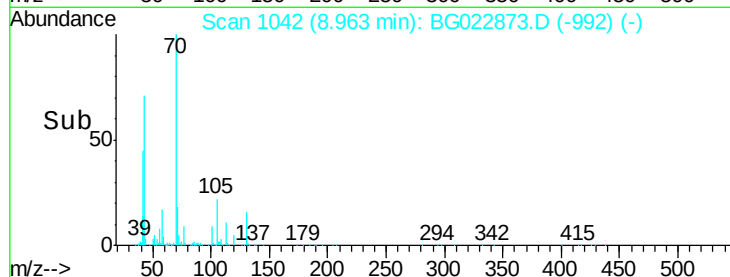
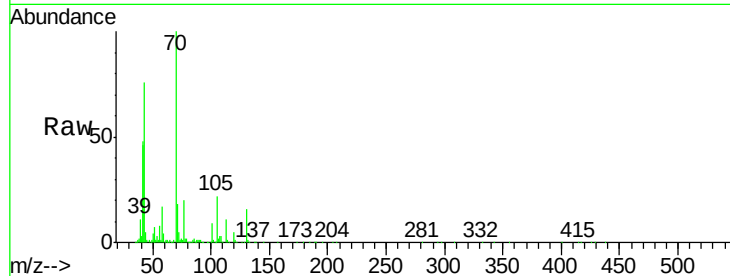
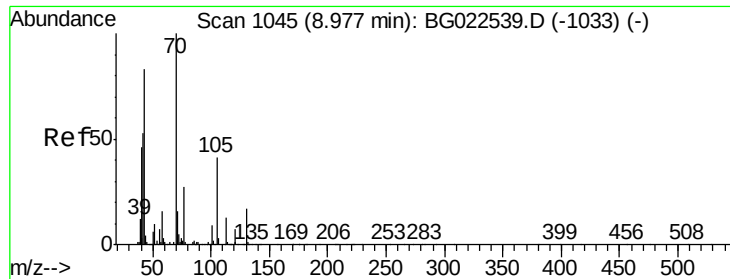
Delta R.T. -0.01 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	150742		
119	90.5	73.7	110.5	
201	125.7	88.7	133.1	

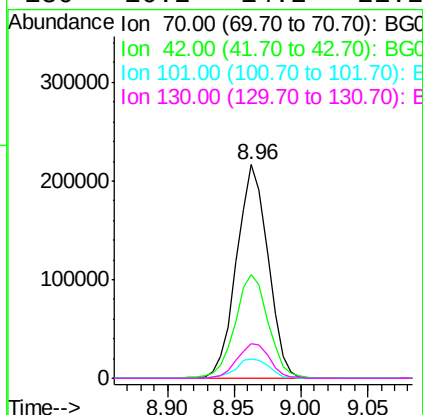




#19
n-Nitroso-di-n-propylamine
Concen: 41.68 ng
RT: 8.96 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

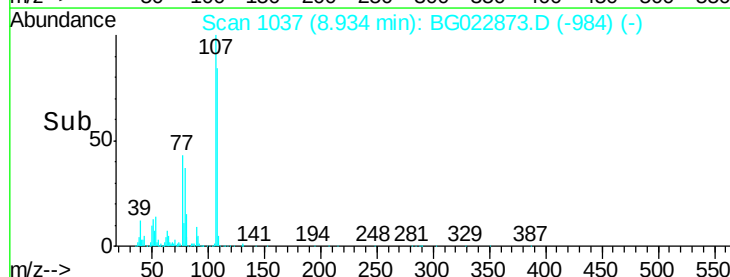
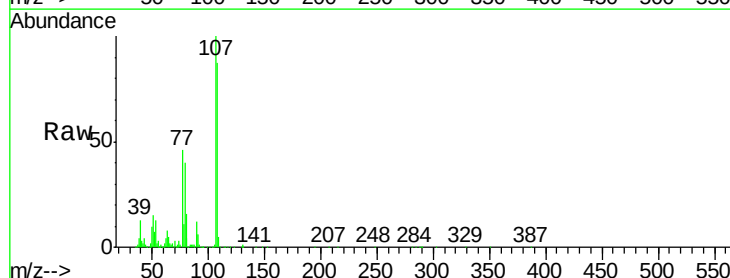
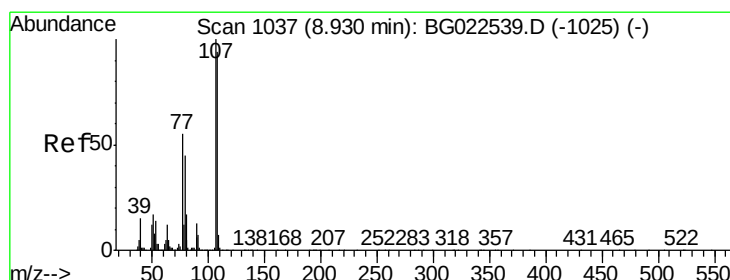
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.3	42.1	63.1
101	9.3	7.2	10.8
130	16.2	14.2	21.2



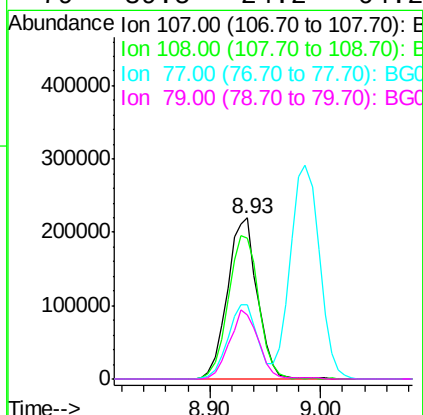
Manual Integrations

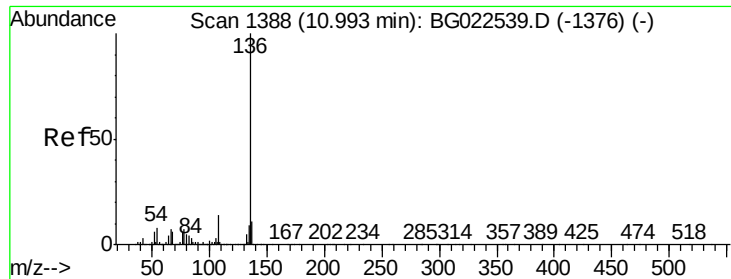
SOHIL
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#20
3+4-Methylphenols
Concen: 43.02 ng
RT: 8.93 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	72.5	112.5
77	45.8	30.1	70.1
79	39.5	24.2	64.2





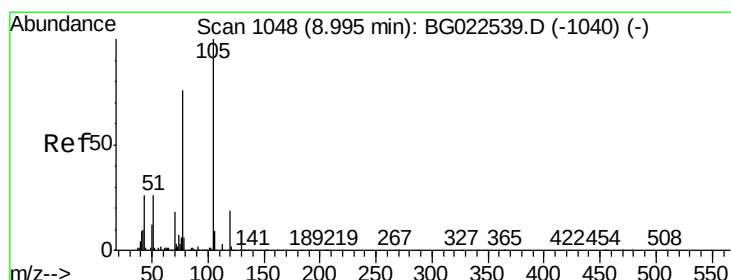
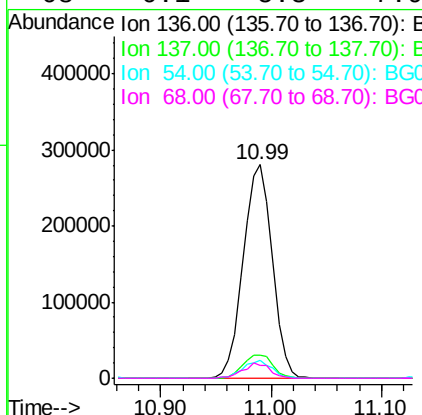
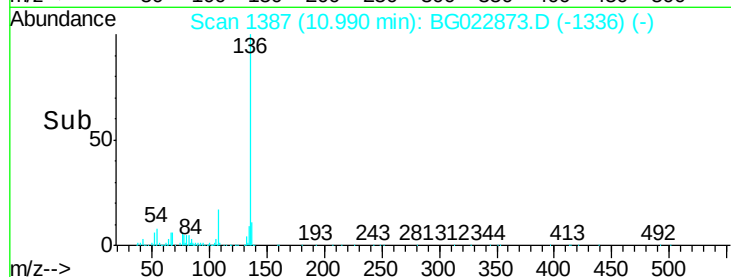
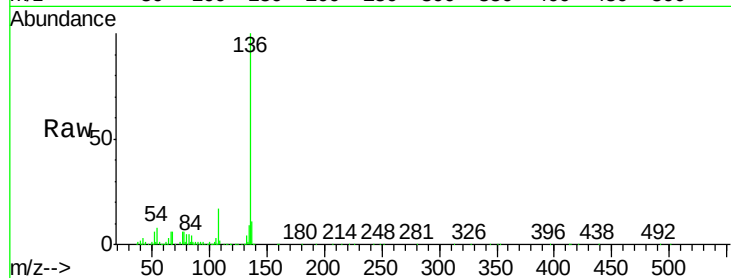
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	517968		
137	11.0	9.6	14.4	
54	8.5	7.3	10.9	
68	6.1	5.3	7.9	

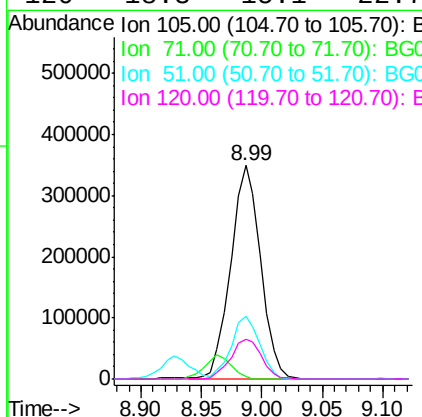
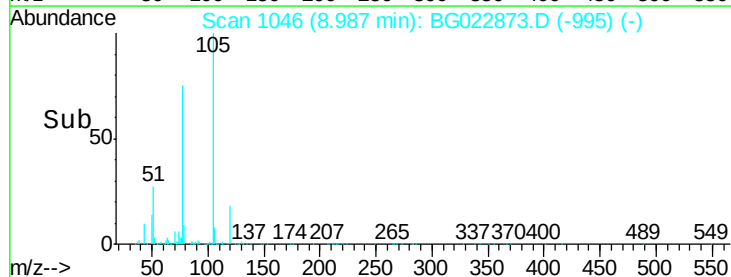
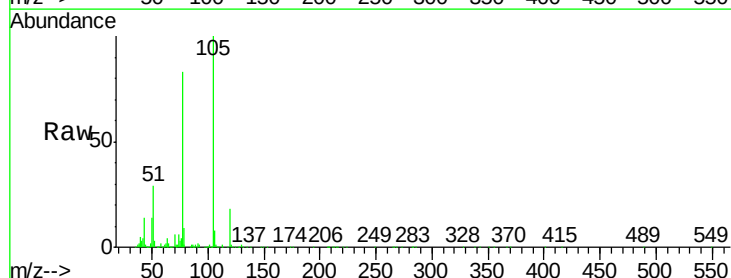
Manual Integrations

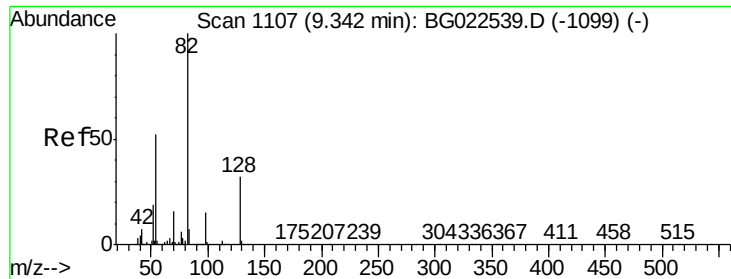
SOHIL
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#22
Acetophenone
Concen: 40.22 ng
RT: 8.99 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	602191		
71	0.9	2.6	3.8#	
51	29.1	27.1	40.7	
120	18.3	15.1	22.7	





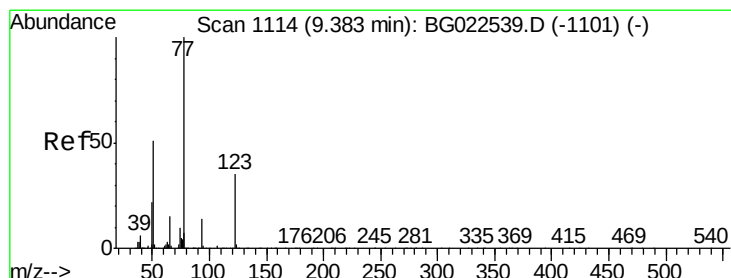
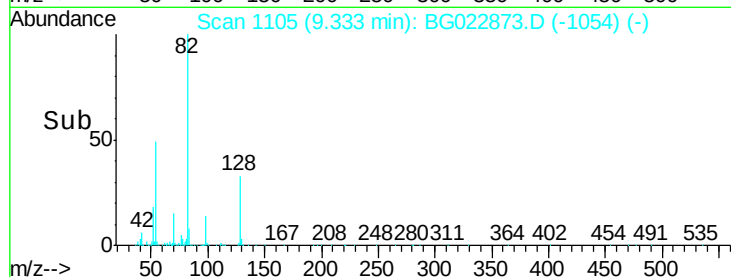
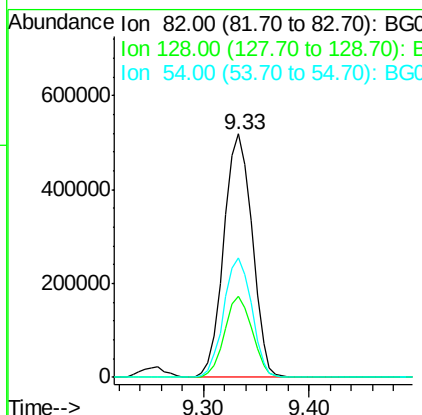
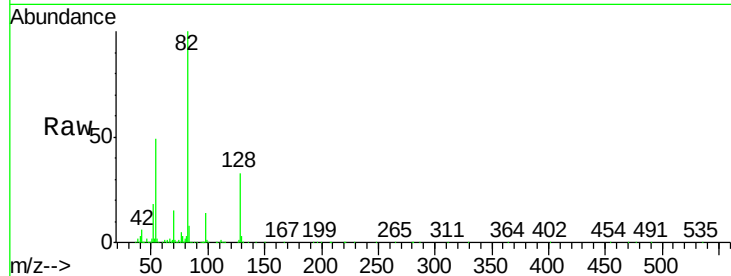
#23
 Nitrobenzene-d5
 Concen: 78.82 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BG022873.D
 Acq: 6 Jul 2016 11:42

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.0	24.4	36.6
54	48.8	41.4	62.0

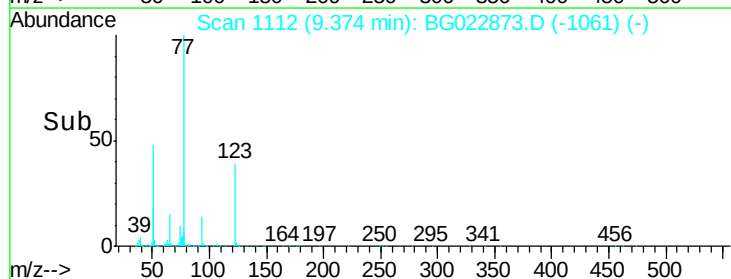
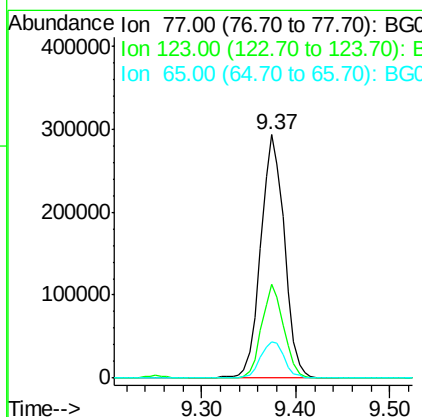
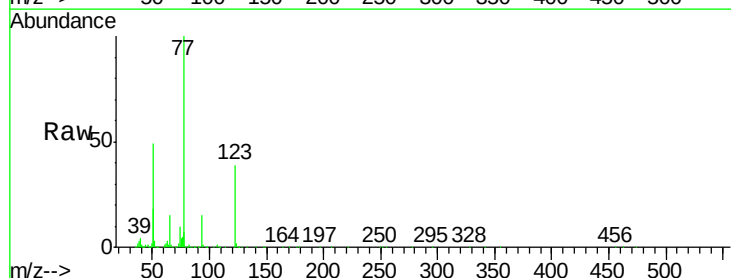
Manual Integrations

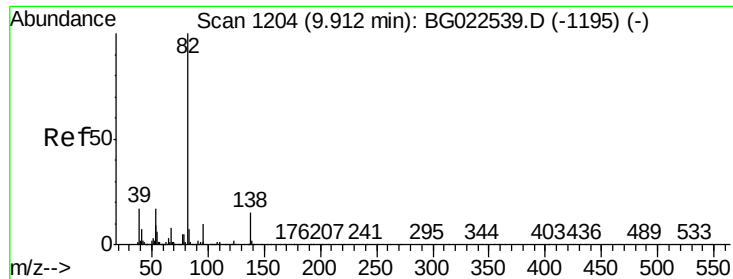
SOHIL
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#24
 Nitrobenzene
 Concen: 37.67 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BG022873.D
 Acq: 6 Jul 2016 11:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.6	25.0	37.6#
65	14.8	13.4	20.0





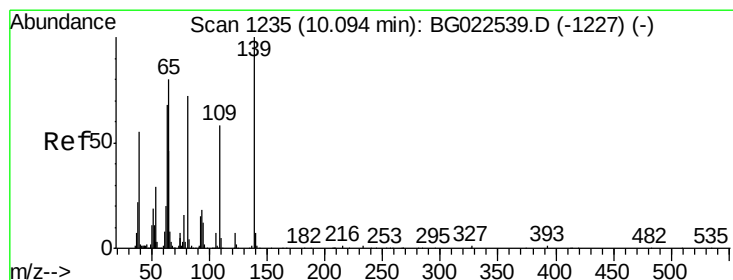
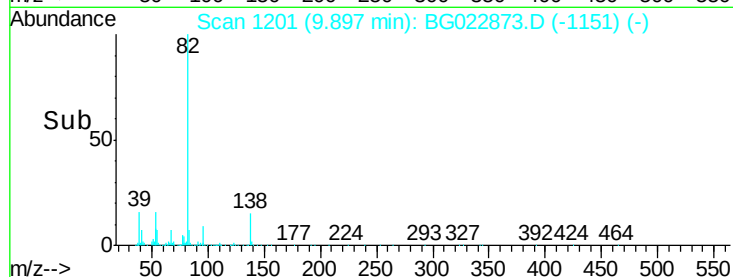
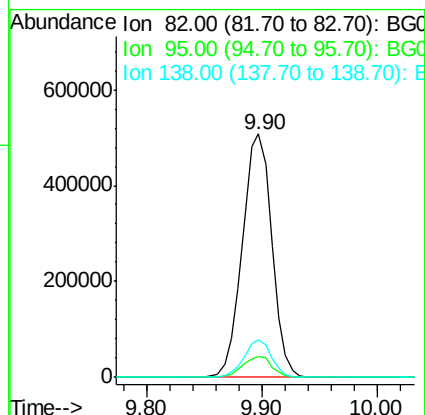
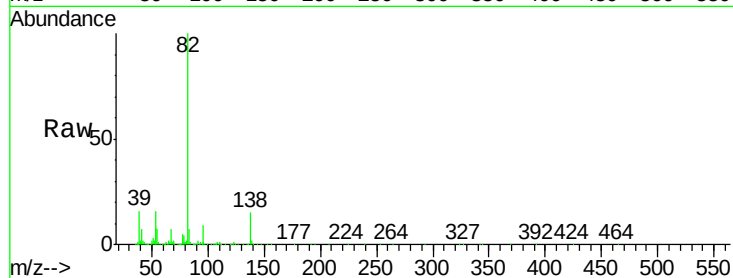
#25
Isophorone
Concen: 37.78 ng
RT: 9.90 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.7	8.2	12.2
138	15.2	10.7	16.1

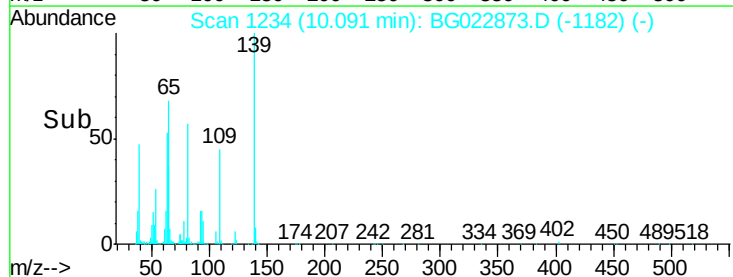
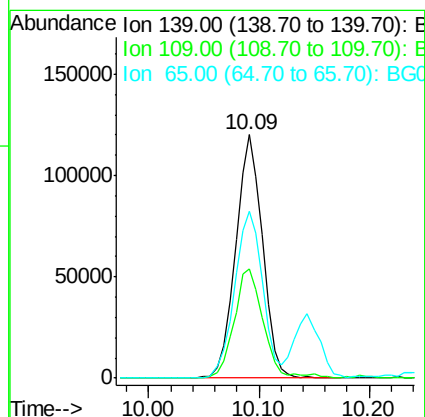
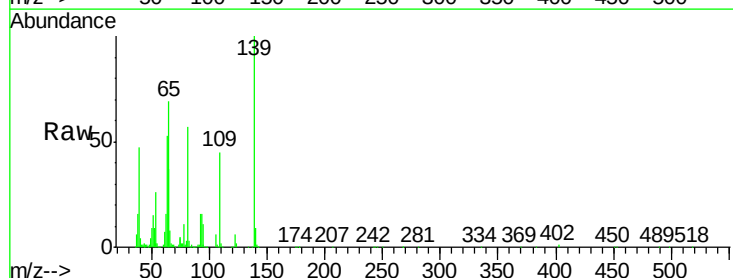
Manual Integrations

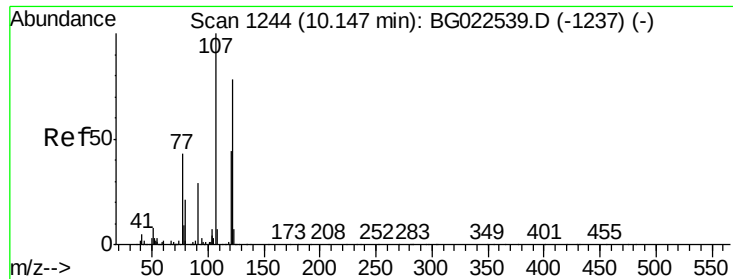
SOHIL
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#26
2-Nitrophenol
Concen: 42.00 ng
RT: 10.09 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	45.0	43.5	65.3
65	68.7	64.3	96.5





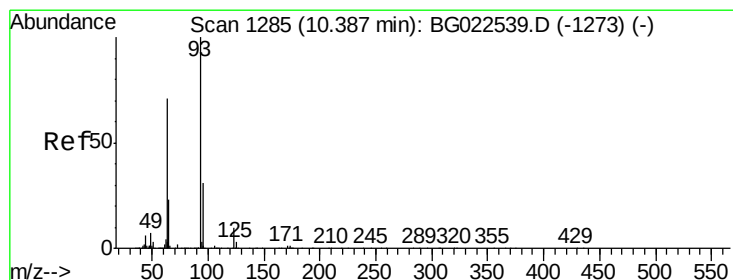
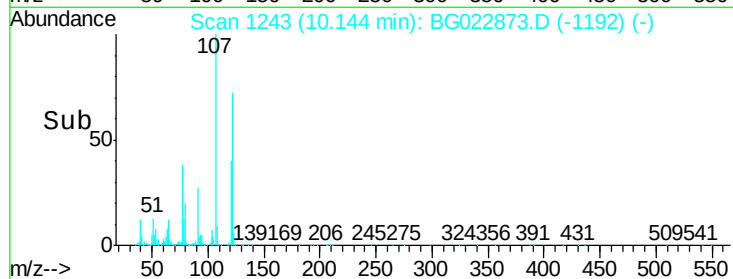
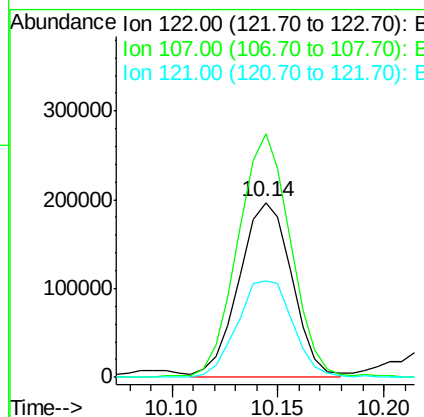
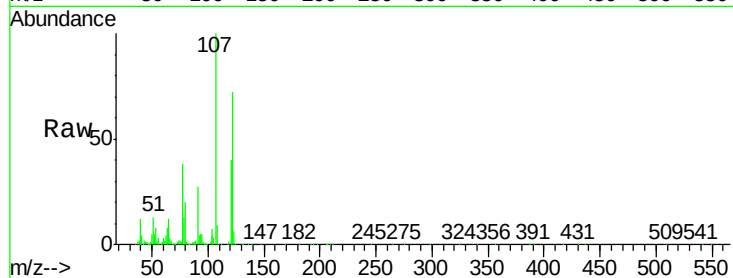
#27
 2,4-Dimethylphenol
 Concen: 36.56 ng
 RT: 10.14 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BG022873.D
 Acq: 6 Jul 2016 11:42

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
122	100		
107	139.5	117.0	175.4
121	55.6	50.1	75.1

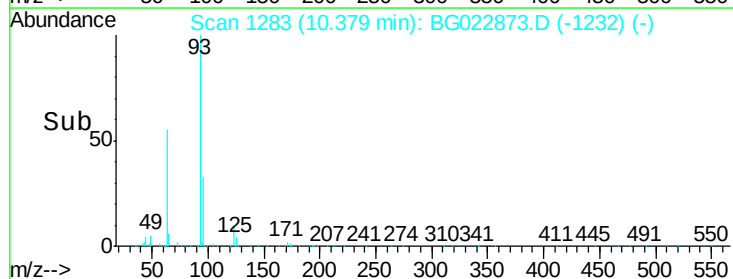
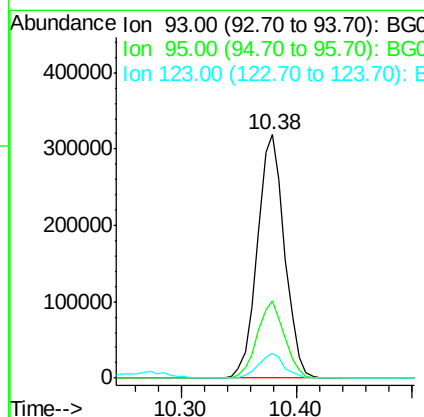
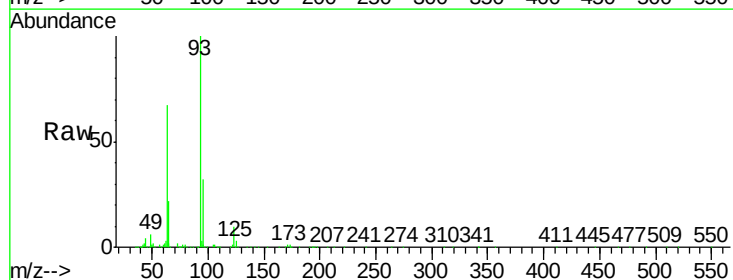
Manual Integrations

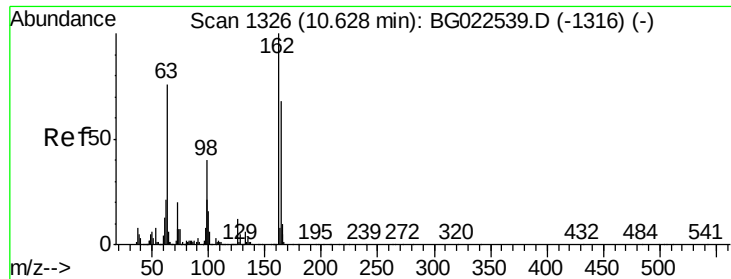
SOHIL
 7/7/2016 4:18:39 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.23 ng
 RT: 10.38 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG022873.D
 Acq: 6 Jul 2016 11:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.4	38.2
123	10.0	8.2	12.2





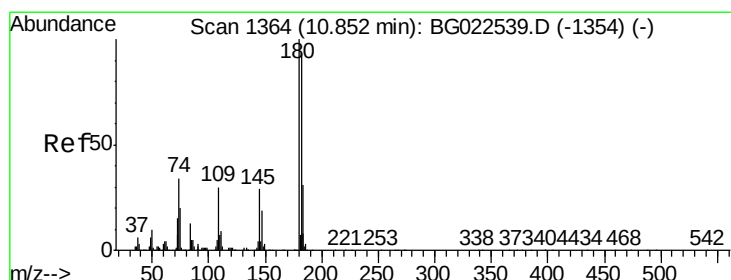
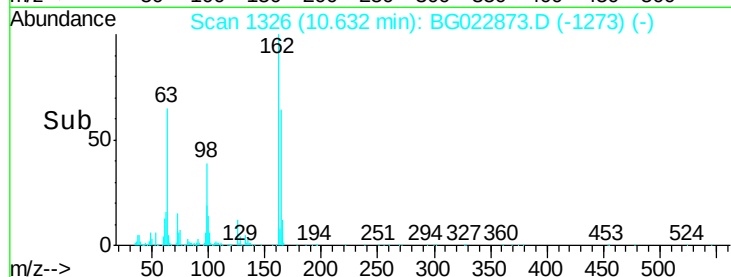
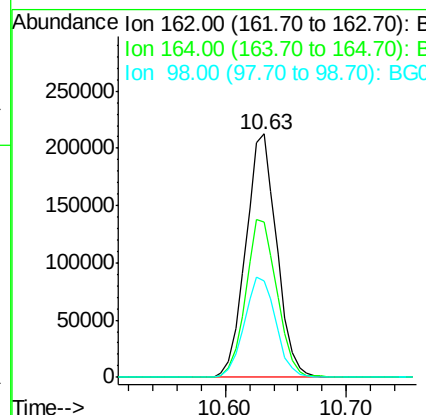
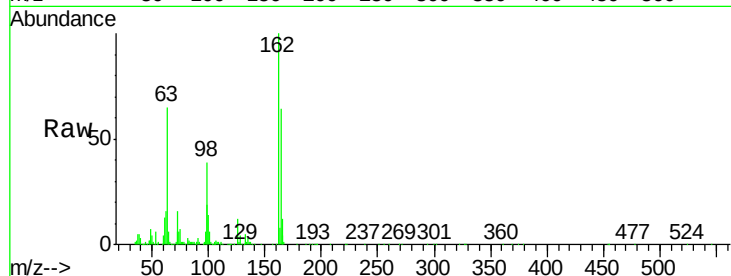
#29
2,4-Dichlorophenol
Concen: 41.85 ng
RT: 10.63 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.3	84.3
98	39.4	19.5	59.5

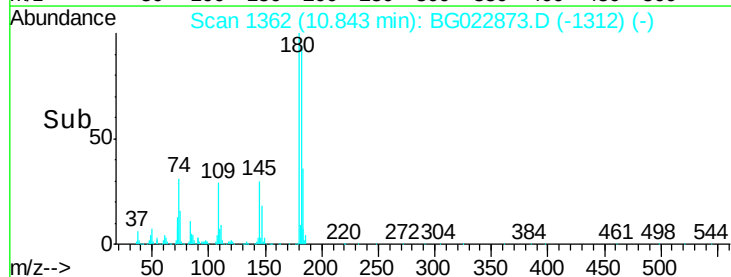
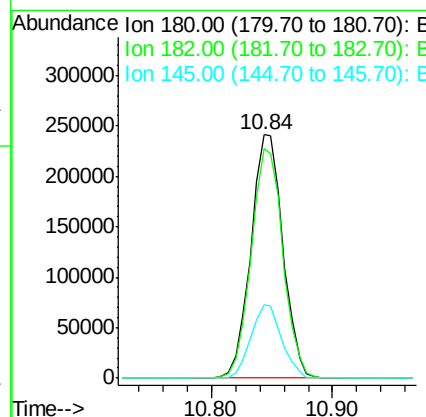
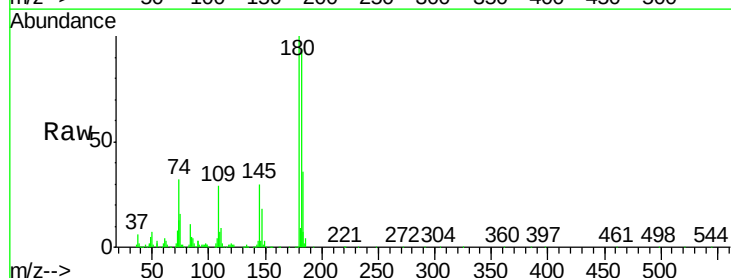
Manual Integrations

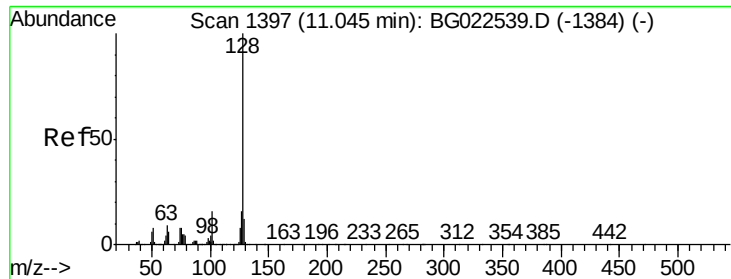
APPROVED
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#30
1,2,4-Trichlorobenzene
Concen: 41.32 ng
RT: 10.84 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	73.8	110.8
145	29.9	24.4	36.6





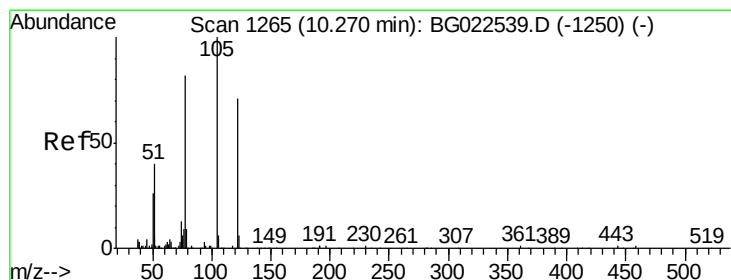
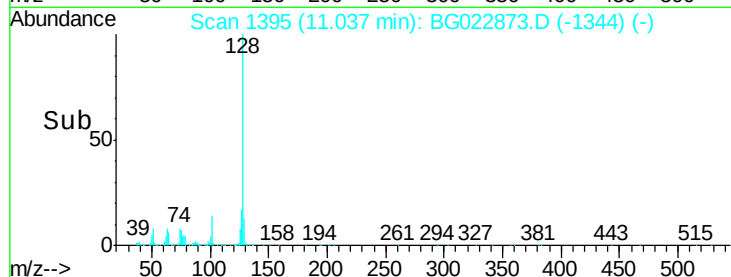
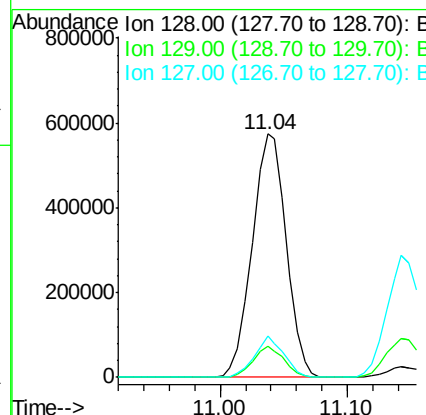
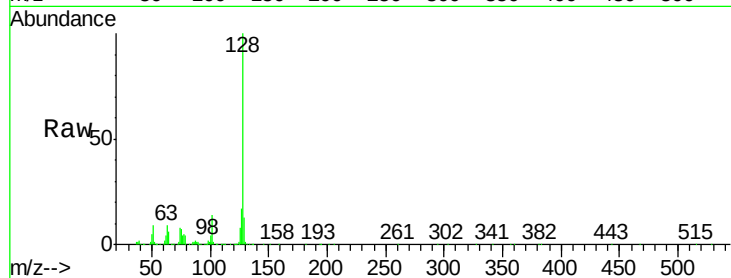
#31
Naphthalene
Concen: 41.18 ng
RT: 11.04 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1072221
Ion Ratio Lower Upper
128 100
129 12.7 9.4 14.0
127 16.9 11.3 16.9

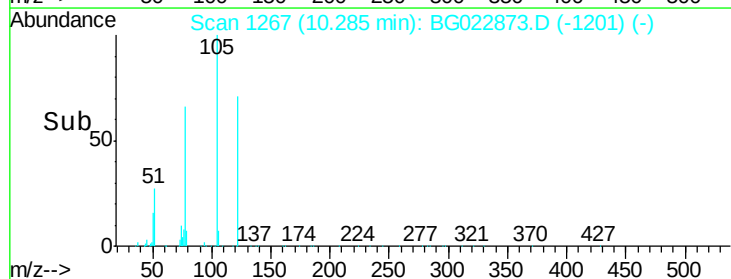
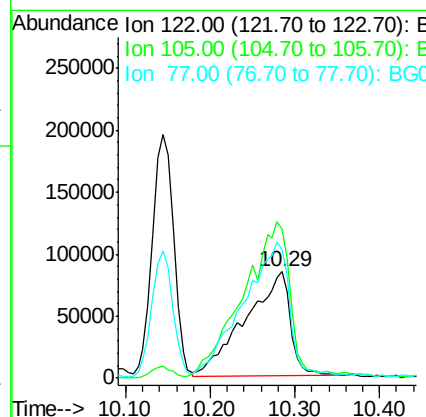
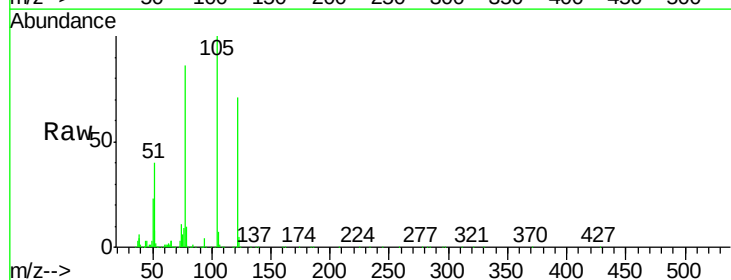
Manual Integrations

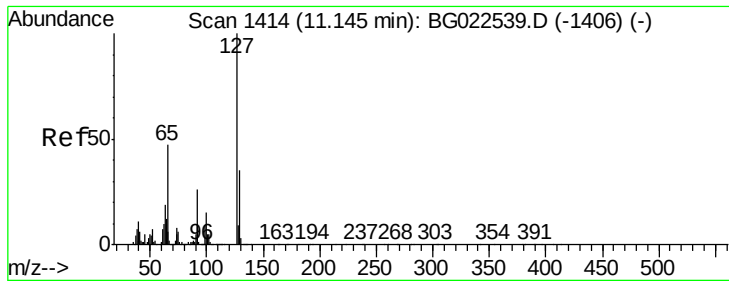
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7/7/2016 4:18:39 AM



#32
Benzoic acid
Concen: 50.79 ng
RT: 10.29 min Scan# 1267
Delta R.T. 0.09 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Tgt Ion:122 Resp: 311063
Ion Ratio Lower Upper
122 100
105 140.3 117.2 157.2
77 120.7 109.2 149.2





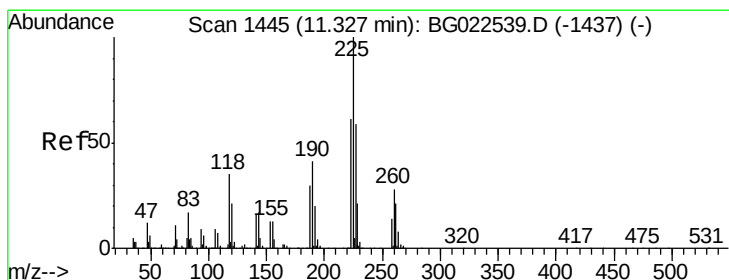
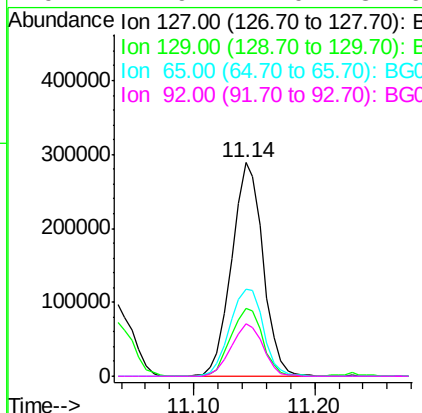
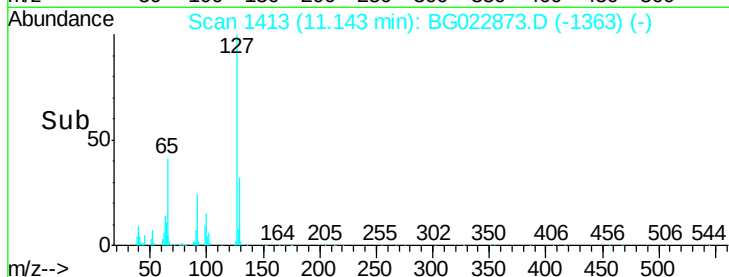
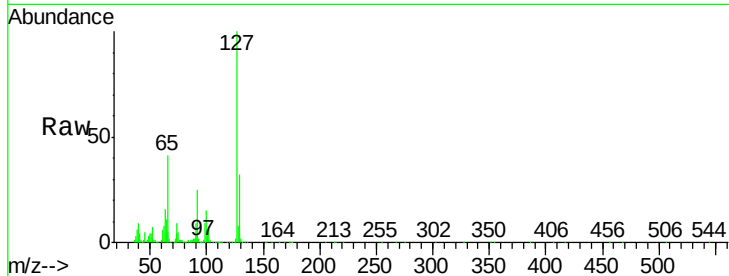
#33
4-Chloroaniline
Concen: 46.58 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.9	27.9	41.9
65	40.8	36.8	55.2
92	24.9	21.0	31.6

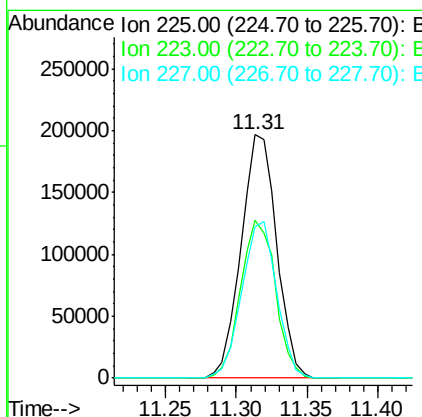
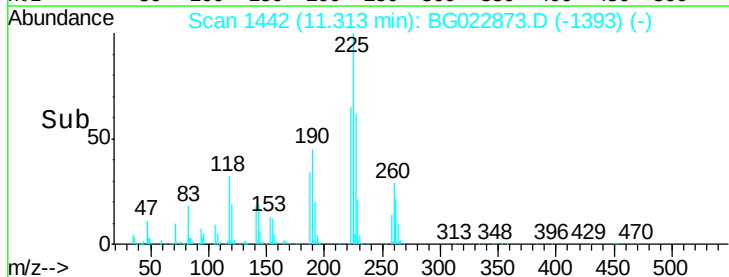
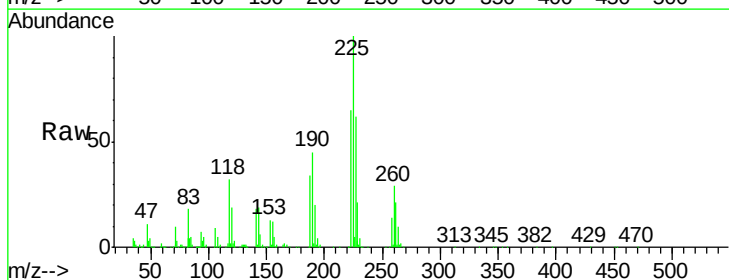
Manual Integrations

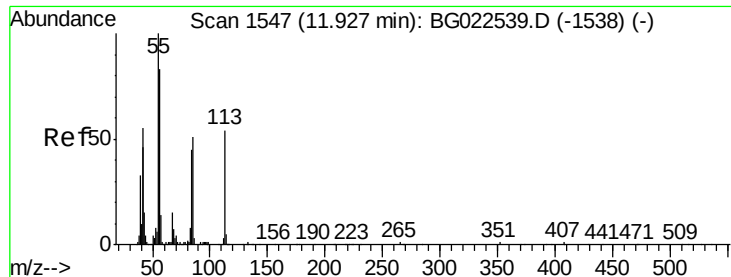
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#34
Hexachlorobutadiene
Concen: 41.48 ng
RT: 11.31 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.6	74.4
227	62.4	54.5	81.7





#35

Caprolactam

Concen: 47.96 ng

RT: 11.92 min Scan# 1545

Delta R.T. 0.02 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 137023

Ion Ratio Lower Upper

113 100

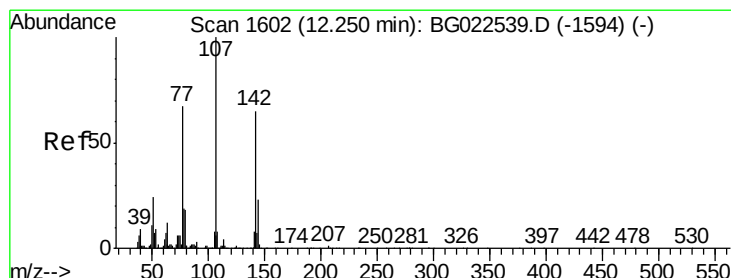
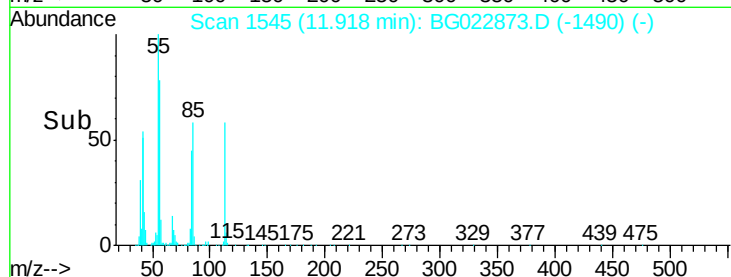
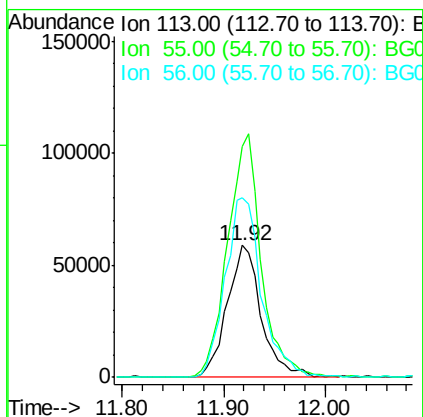
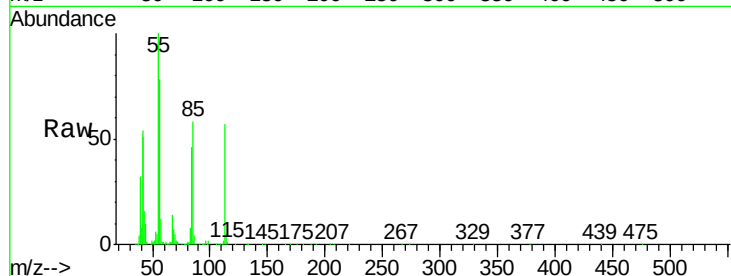
55 174.5 154.5 194.5

56 136.0 125.1 165.1

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 46.13 ng

RT: 12.26 min Scan# 1603

Delta R.T. 0.01 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

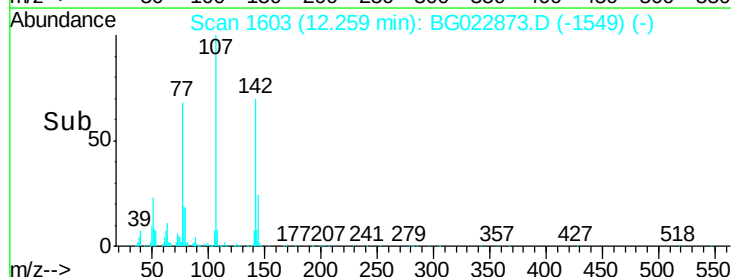
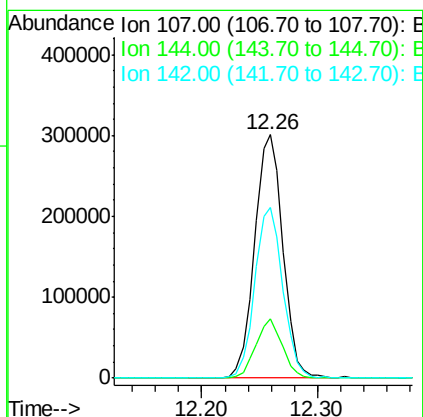
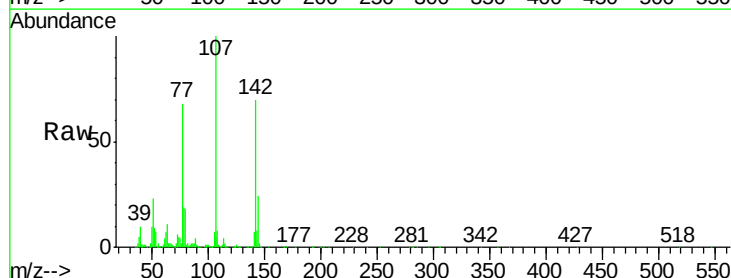
Tgt Ion:107 Resp: 513577

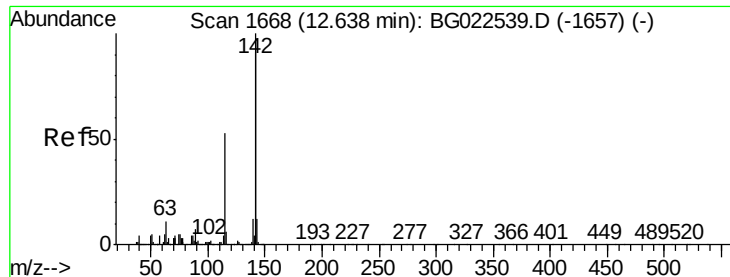
Ion Ratio Lower Upper

107 100

144 24.4 17.0 25.6

142 70.3 53.0 79.6





#37

2-Methylnaphthalene

Concen: 41.41 ng

RT: 12.64 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

Instrument :

BNA_G

ClientSampleId :

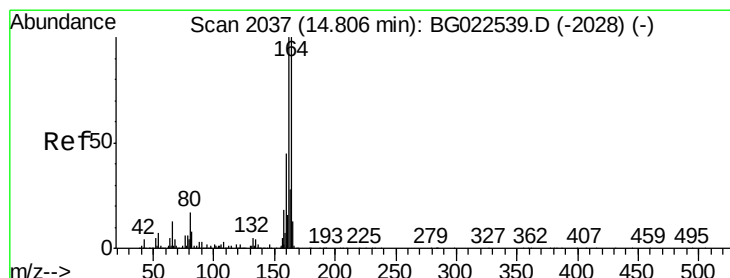
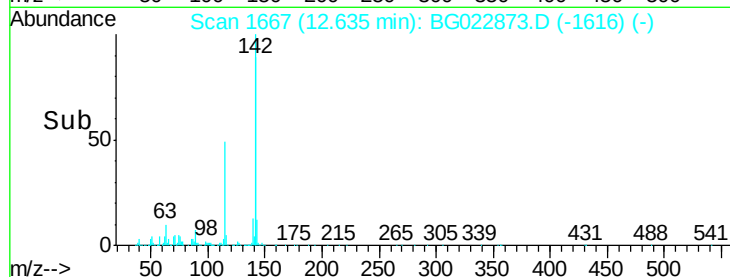
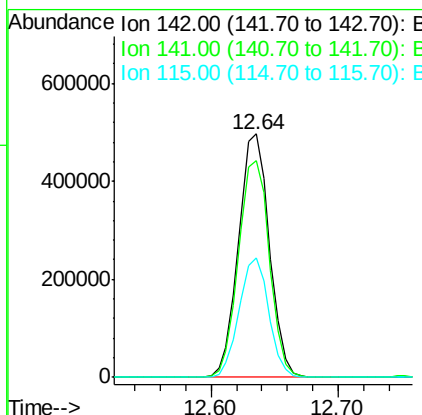
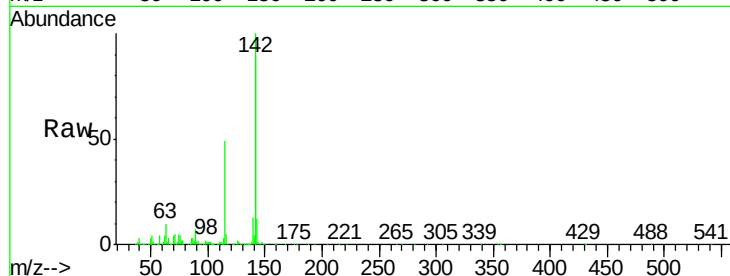
SSTDCCC040

Tgt Ion:	142	Resp:	836095
Ion Ratio	Lower	Upper	
142	100		
141	89.0	70.2	105.2
115	49.2	41.7	62.5

Manual Integrations

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#38

Acenaphthene-d10

Concen: 20.00 ng

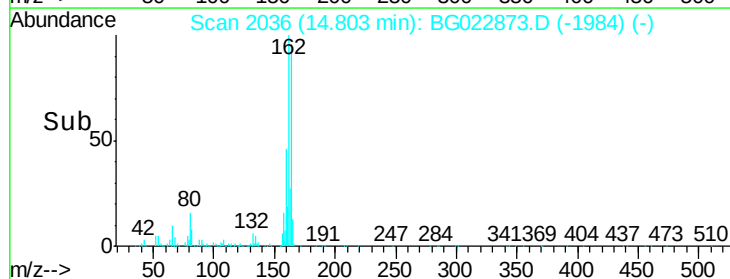
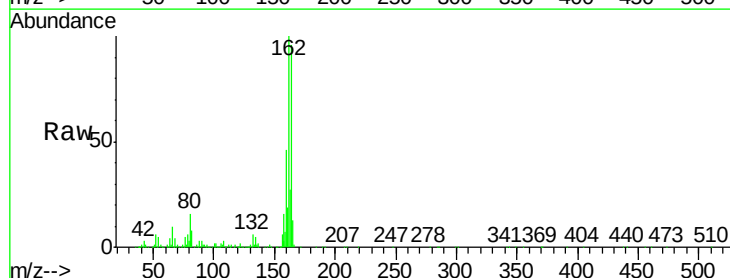
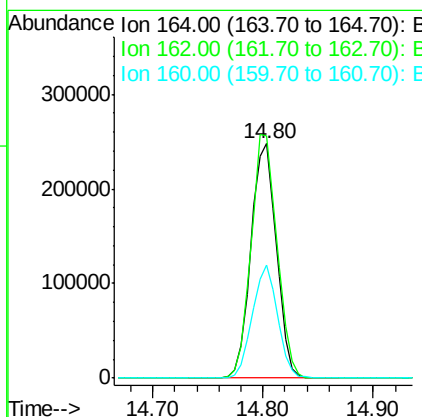
RT: 14.80 min Scan# 2036

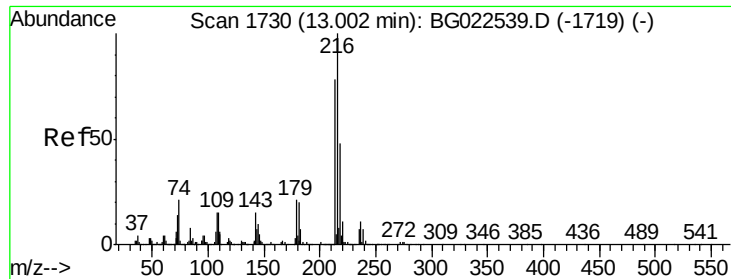
Delta R.T. 0.00 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

Tgt Ion:	164	Resp:	403202
Ion Ratio	Lower	Upper	
164	100		
162	103.6	87.7	131.5
160	48.2	37.2	55.8





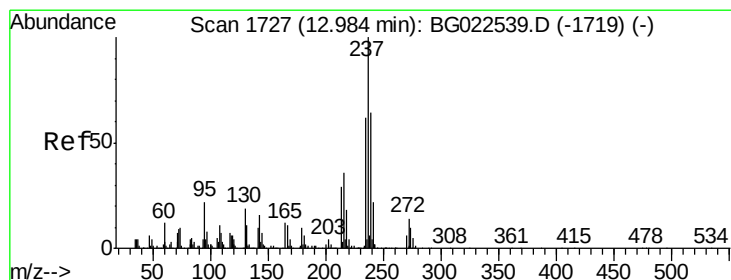
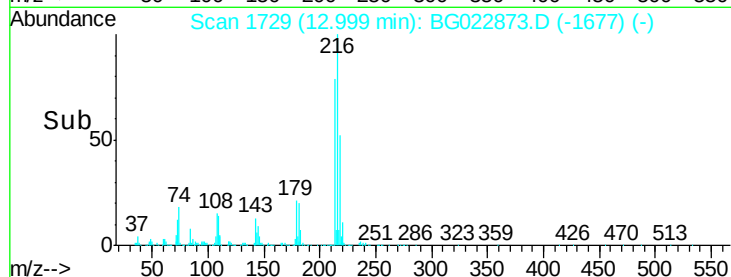
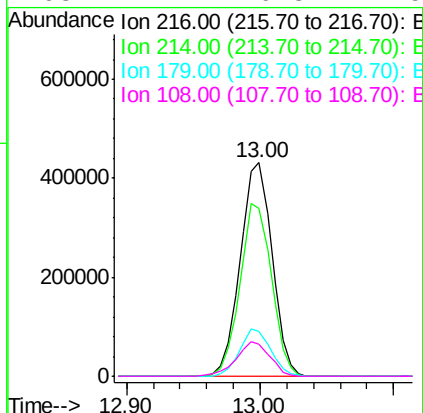
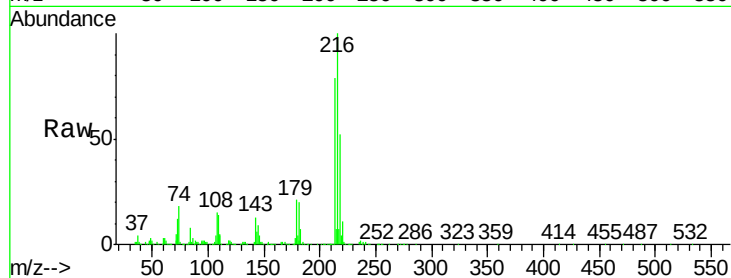
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.48 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG022873.D
 Acq: 6 Jul 2016 11:42

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt	Ion	Ratio	Lower	Upper
216	100			
214	80.1	62.9	94.3	
179	21.7	17.2	25.8	
108	17.2	16.3	24.5	

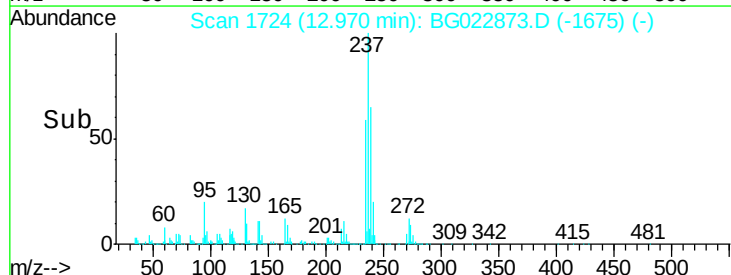
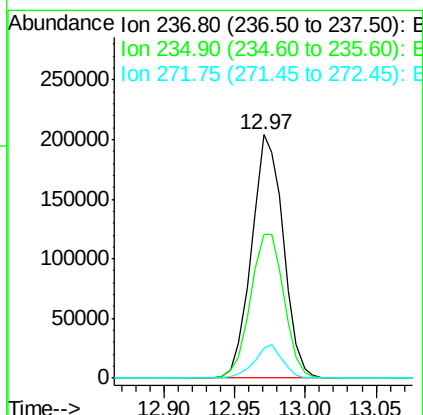
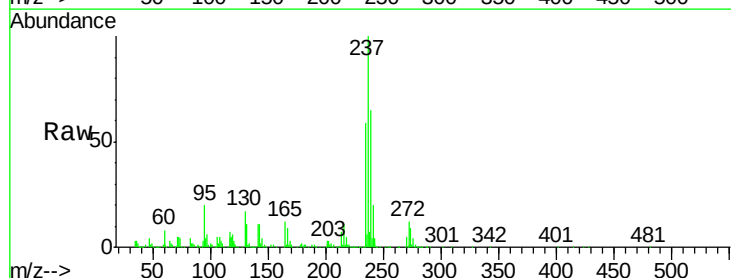
Manual Integrations

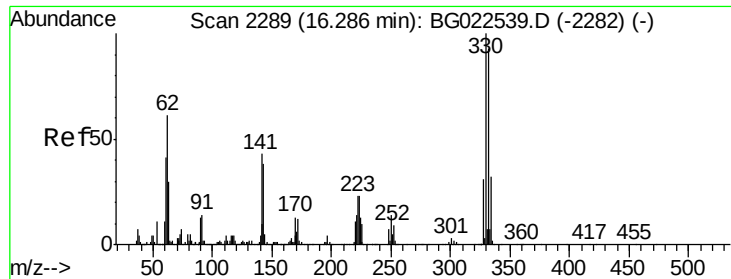
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#40
 Hexachlorocyclopentadiene
 Concen: 26.41 ng
 RT: 12.97 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG022873.D
 Acq: 6 Jul 2016 11:42

Tgt	Ion	Ratio	Lower	Upper
237	100			
235	59.1	43.1	83.1	
272	12.1	0.0	30.9	





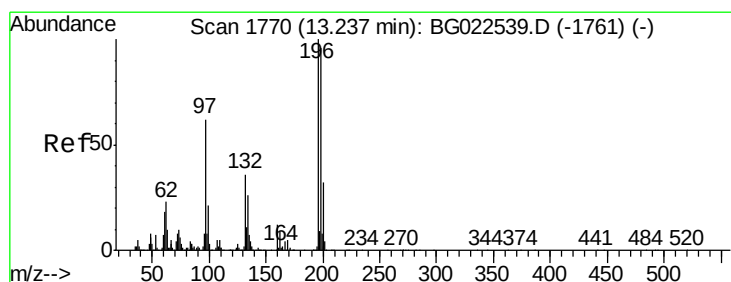
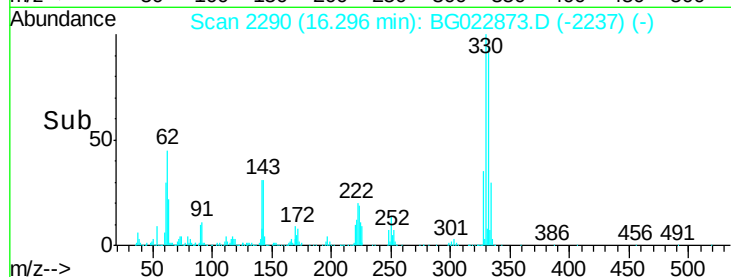
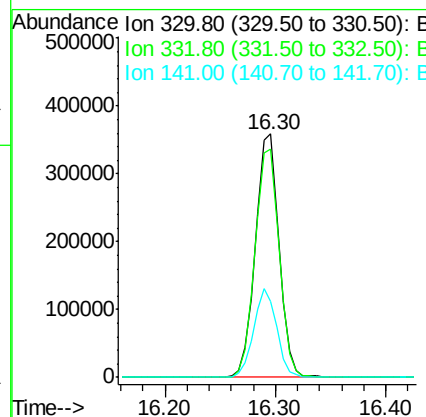
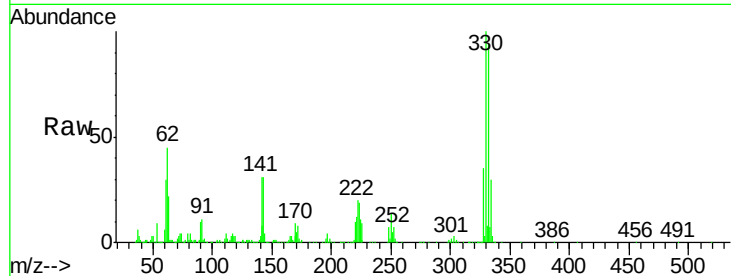
#41
 2,4,6-Tribromophenol
 Concen: 85.34 ng
 RT: 16.30 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: BG022873.D
 Acq: 6 Jul 2016 11:42

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	35.5	31.7	47.5

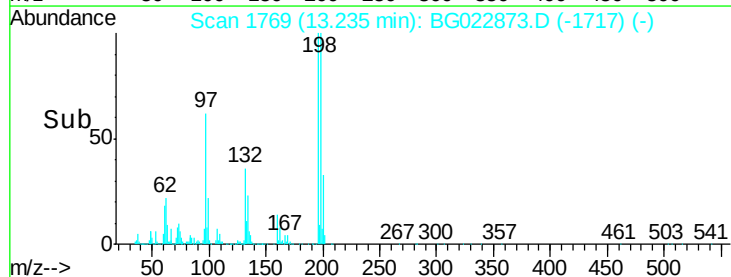
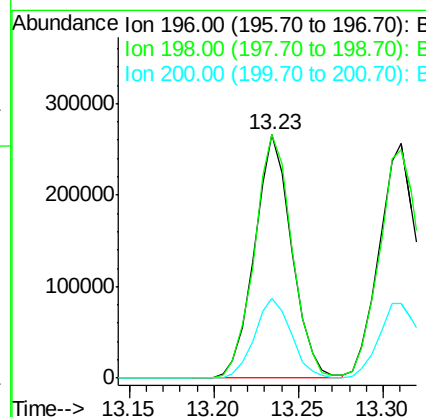
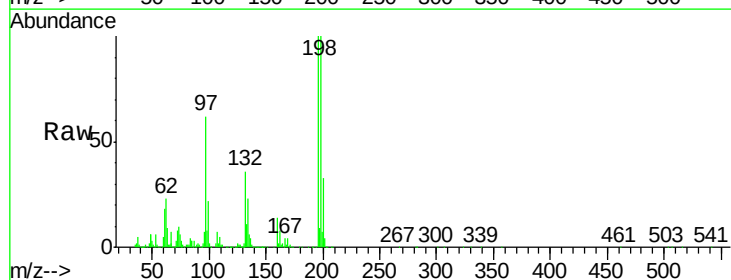
Manual Integrations

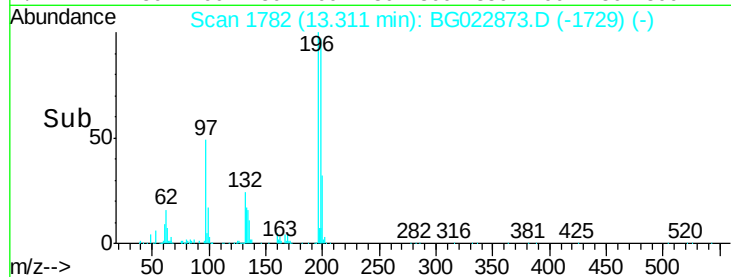
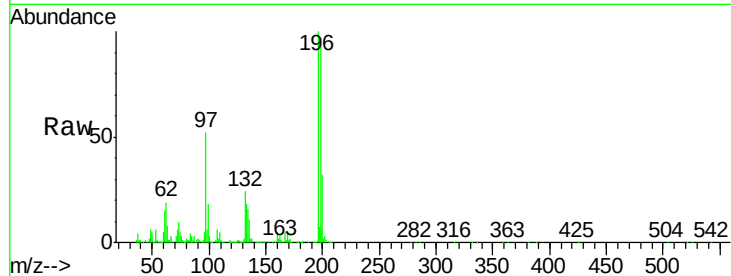
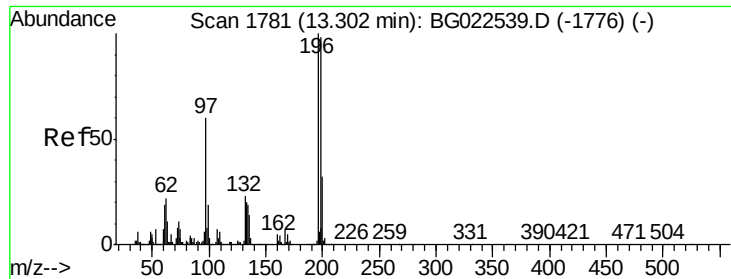
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#42
 2,4,6-Trichlorophenol
 Concen: 41.66 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BG022873.D
 Acq: 6 Jul 2016 11:42

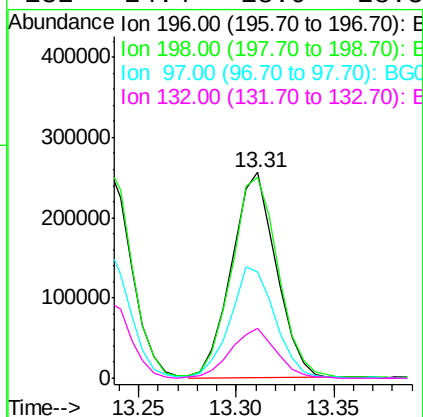
Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.9	78.2	117.2
200	33.0	27.0	40.4





#43
2,4,5-Trichlorophenol
Concen: 39.63 ng
RT: 13.31 min Scan# 1782
Delta R.T. 0.01 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

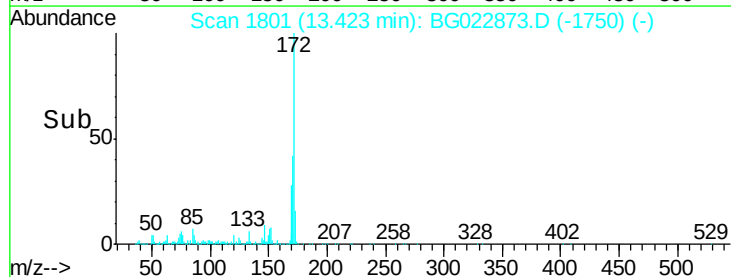
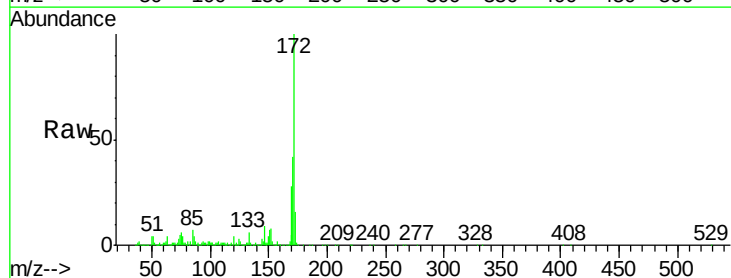
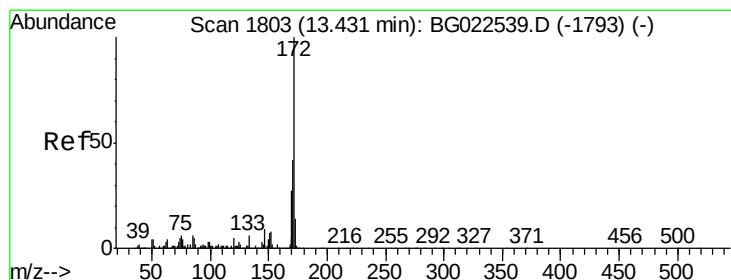
Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	85.7	128.5
97	52.0	45.5	68.3
132	24.4	18.9	28.3



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

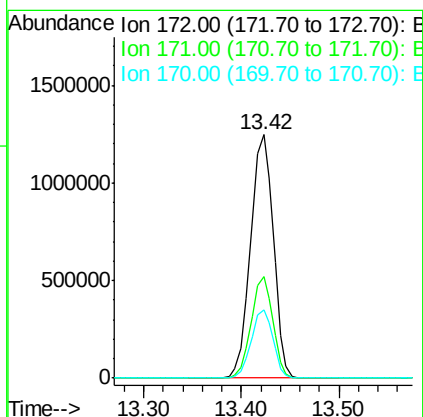
Manual Integrations

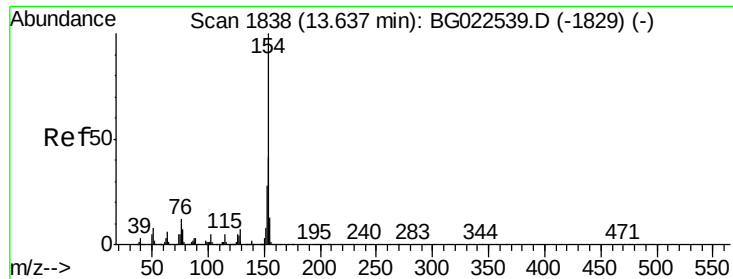
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#44
2-Fluorobiphenyl
Concen: 79.65 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.7	31.6	47.4
170	28.2	21.3	31.9





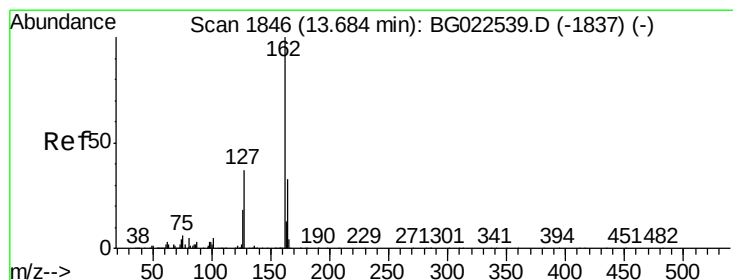
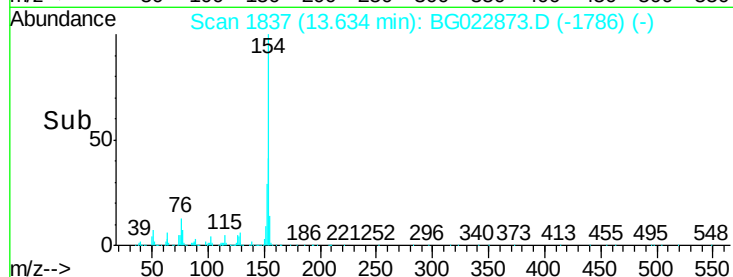
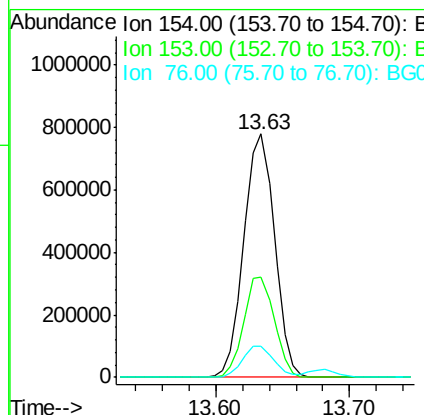
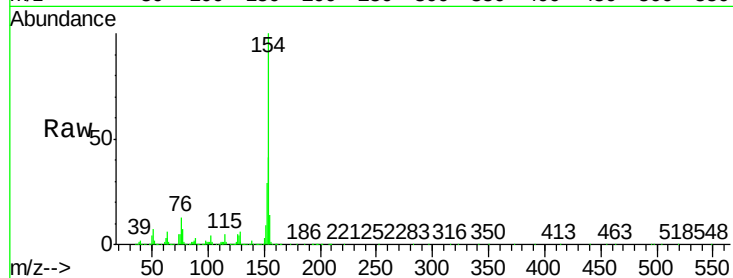
#45
1,1'-Biphenyl
Concen: 40.29 ng
RT: 13.63 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.2	60.2
76	12.6	0.0	32.9

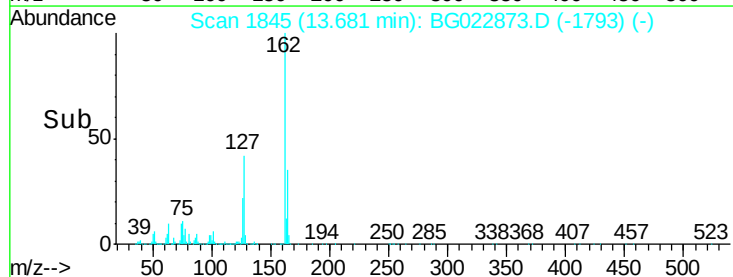
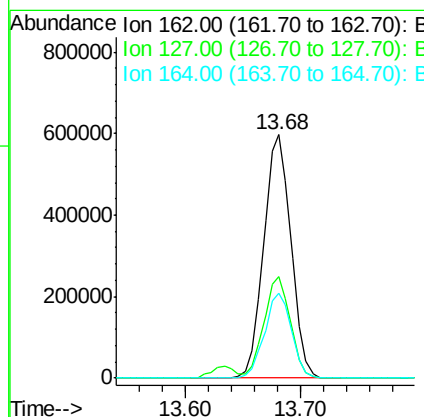
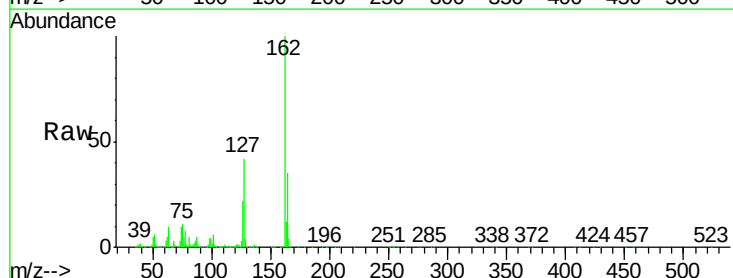
Manual Integrations

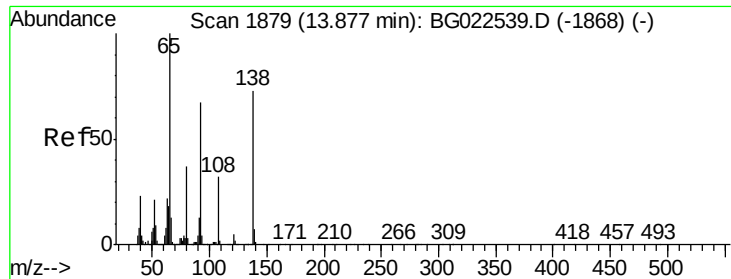
APPROVED
SOHIL
7/7/2016 4:18:39 AM



#46
2-Chloronaphthalene
Concen: 38.86 ng
RT: 13.68 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.9	32.4	48.6
164	34.9	25.2	37.8





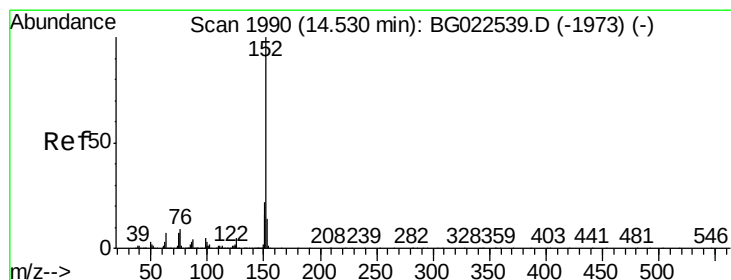
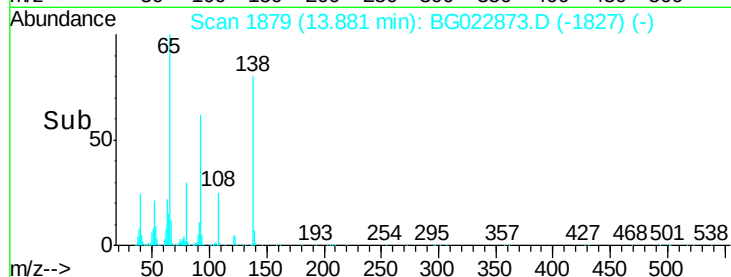
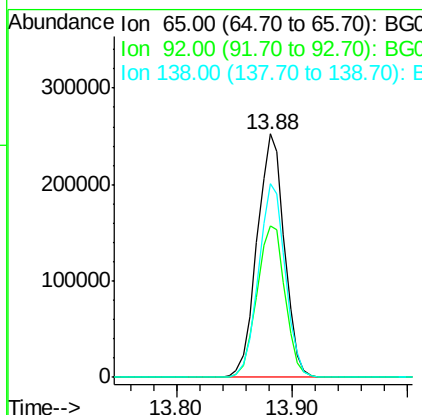
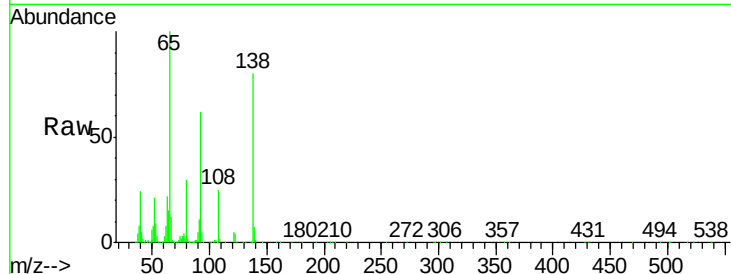
#47
2-Nitroaniline
Concen: 42.71 ng
RT: 13.88 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.4	49.4	74.0
138	79.6	58.0	87.0

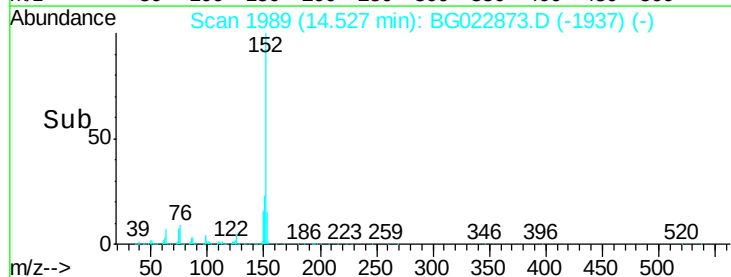
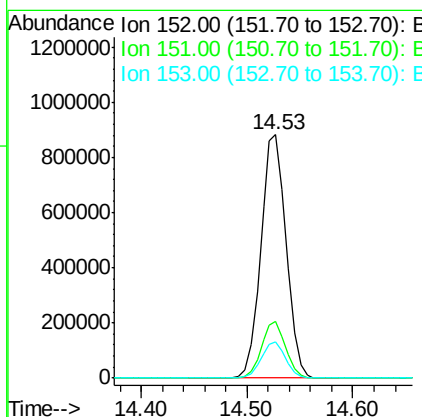
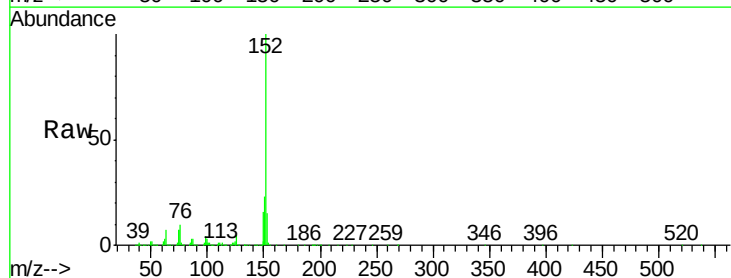
Manual Integrations

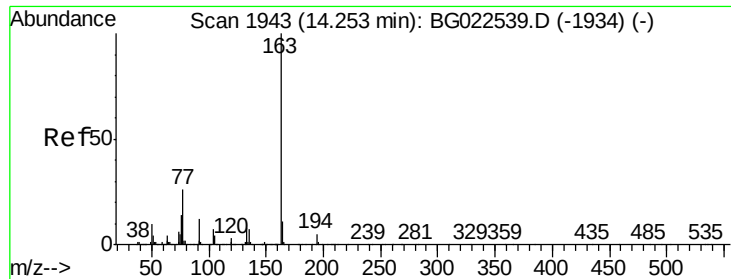
APPROVED
SOHIL
7/7/2016 4:18:39 AM



#48
Acenaphthylene
Concen: 40.00 ng
RT: 14.53 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.3	17.6	26.4
153	14.8	11.4	17.2





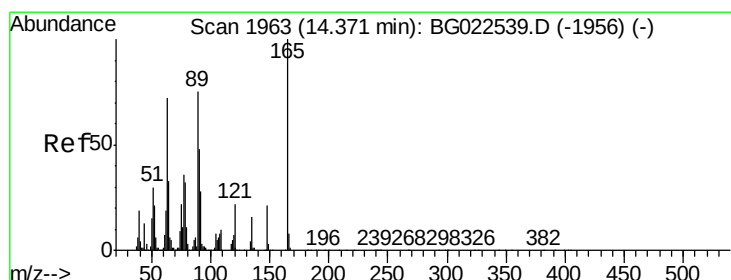
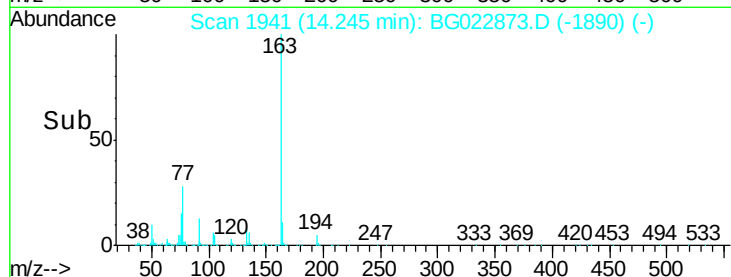
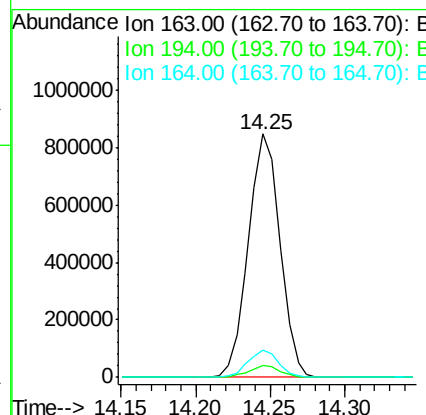
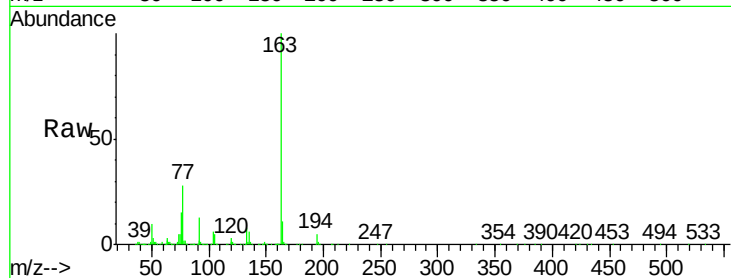
#49
Dimethylphthalate
Concen: 37.14 ng
RT: 14.25 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 1242112
Ion Ratio Lower Upper
163 100
194 4.7 3.6 5.4
164 11.4 8.1 12.1

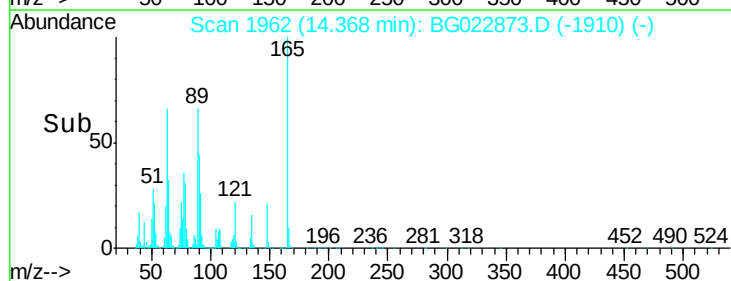
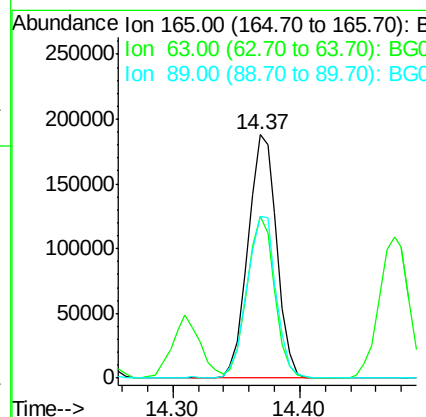
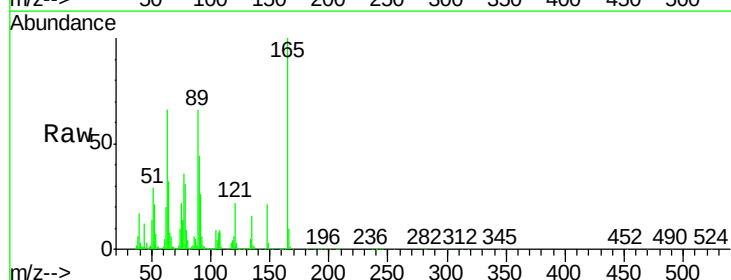
Manual Integrations

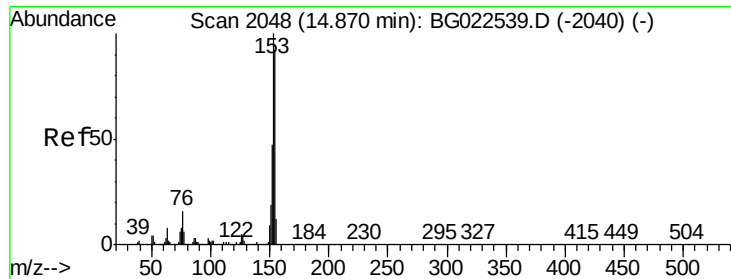
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#50
2,6-Dinitrotoluene
Concen: 40.51 ng
RT: 14.37 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Tgt Ion:165 Resp: 294452
Ion Ratio Lower Upper
165 100
63 66.4 64.3 96.5
89 66.5 64.3 96.5





#51

Acenaphthene

Concen: 40.32 ng m

RT: 14.87 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 1088708

Ion Ratio Lower Upper

154 100

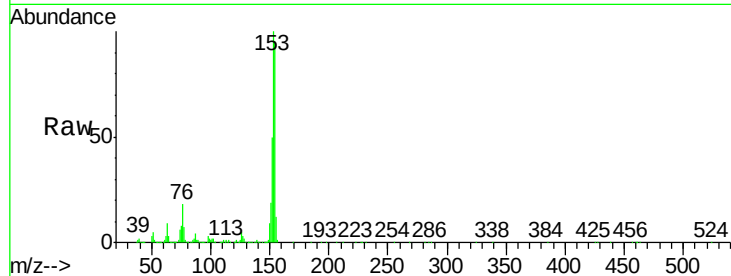
153 105.7 87.5 131.3

152 52.5 42.7 64.1

Manual Integrations

SOHIL

7/7/2016 4:18:39 AM



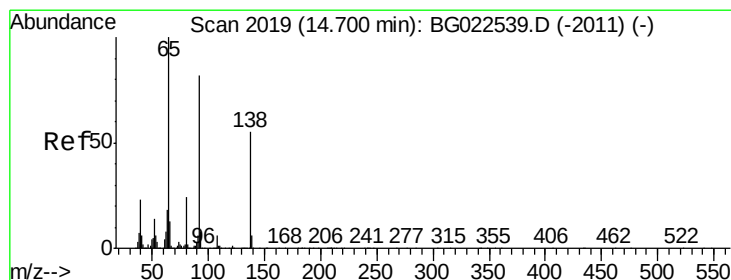
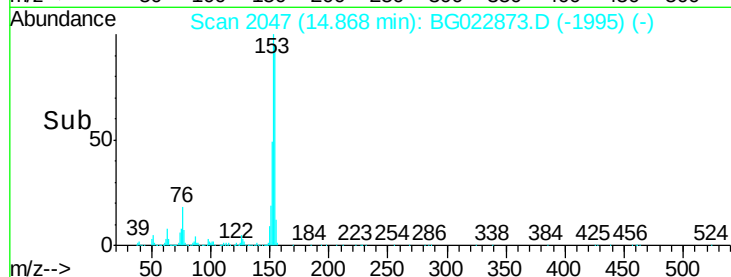
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.87

Time-->



#52

3-Nitroaniline

Concen: 43.33 ng

RT: 14.70 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

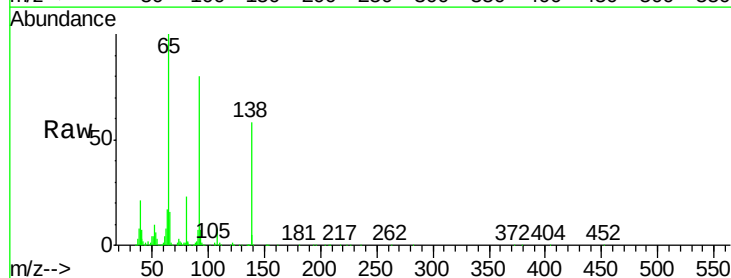
Tgt Ion:138 Resp: 294688

Ion Ratio Lower Upper

138 100

108 13.1 11.7 17.5

92 137.9 129.7 194.5



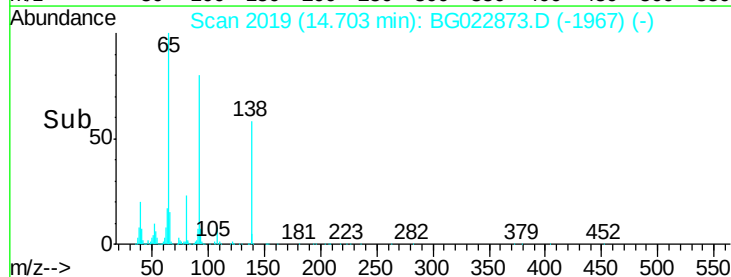
Abundance Ion 138.00 (137.70 to 138.70): E

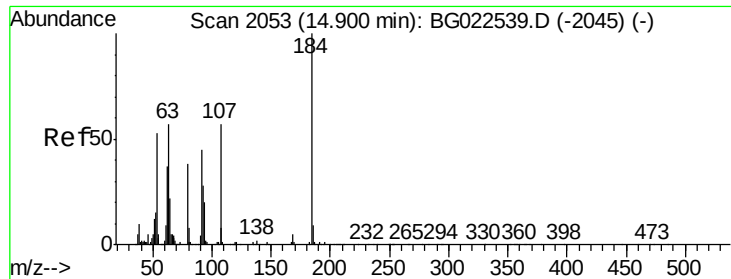
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

14.70

Time-->





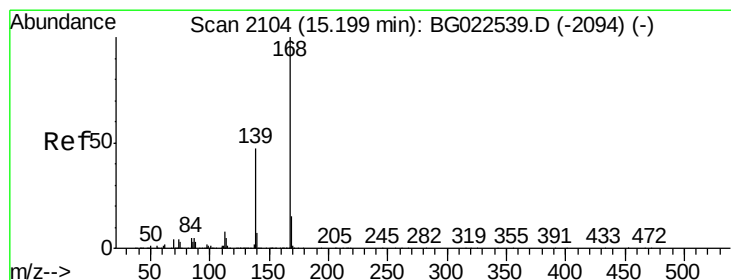
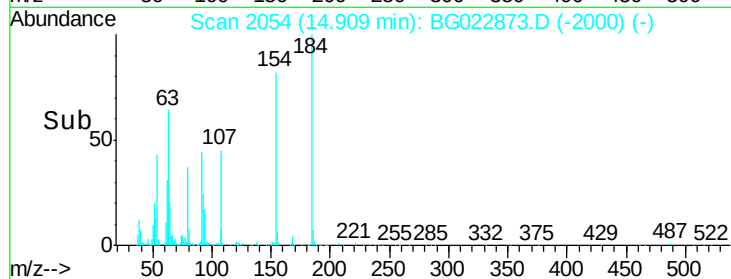
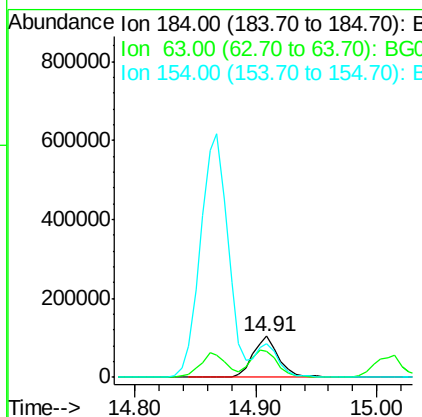
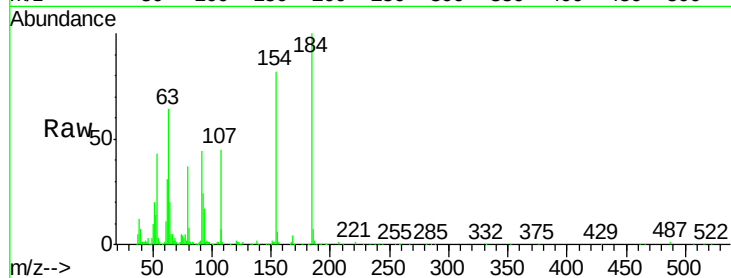
#53
2,4-Dinitrophenol
Concen: 34.73 ng
RT: 14.91 min Scan# 2054
Delta R.T. 0.01 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.9	59.6	89.4
154	82.4	67.4	101.0

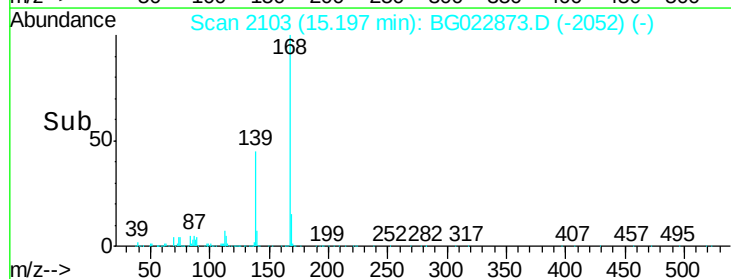
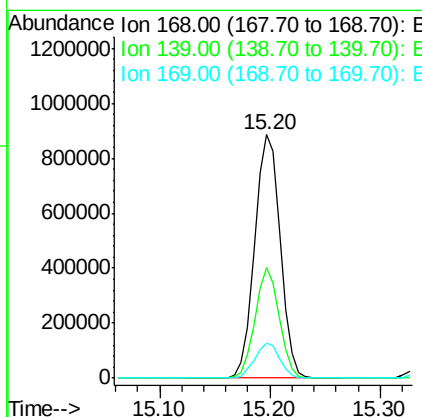
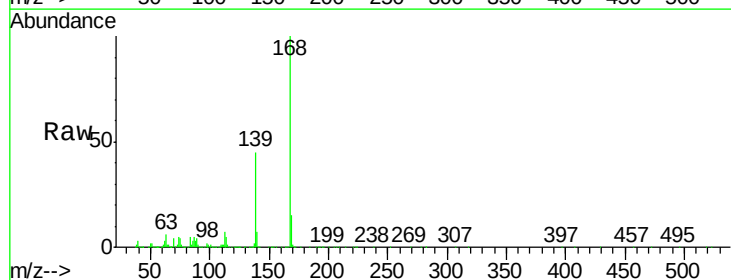
Manual Integrations

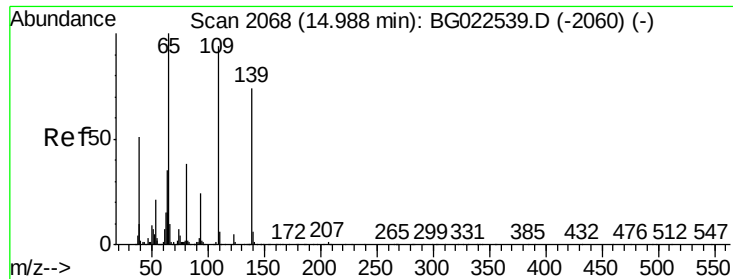
APPROVED
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#54
Dibenzofuran
Concen: 36.79 ng
RT: 15.20 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Tgt Ion	Ratio	Lower	Upper
168	100		
139	45.2	36.4	54.6
169	14.5	11.9	17.9





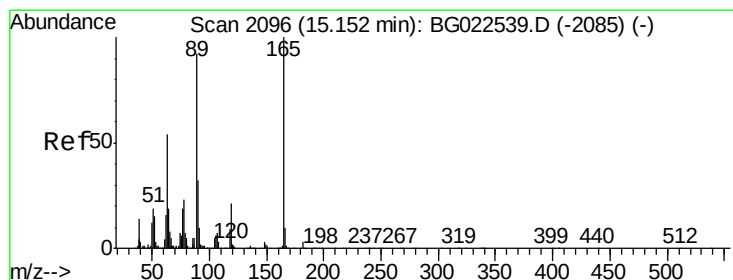
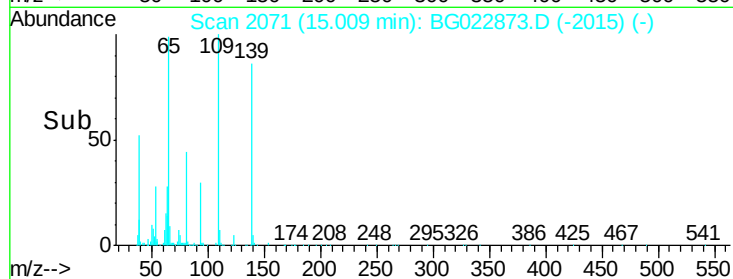
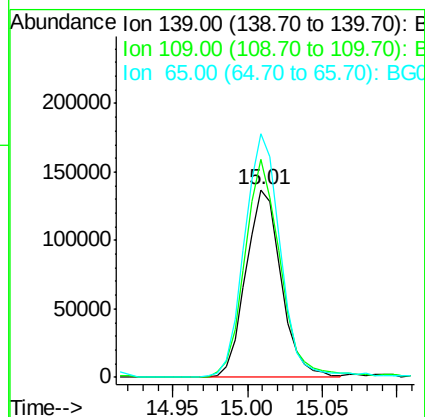
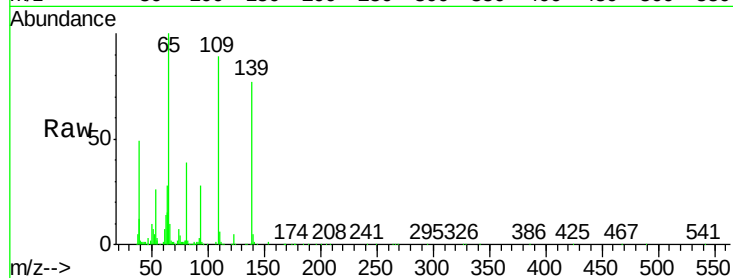
#55
4-Nitrophenol
Concen: 38.99 ng
RT: 15.01 min Scan# 2071
Delta R.T. 0.03 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
139	100		
109	115.8	103.0	143.0
65	129.6	112.7	152.7

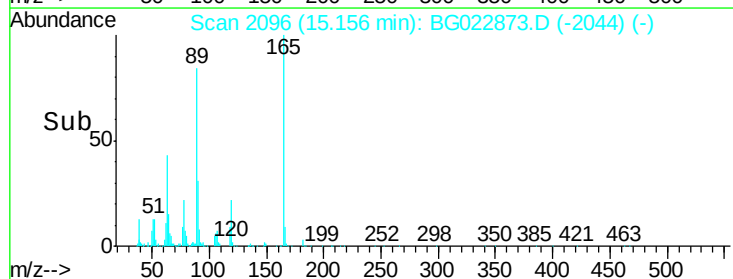
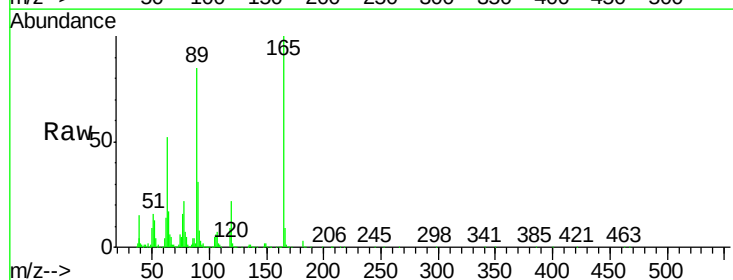
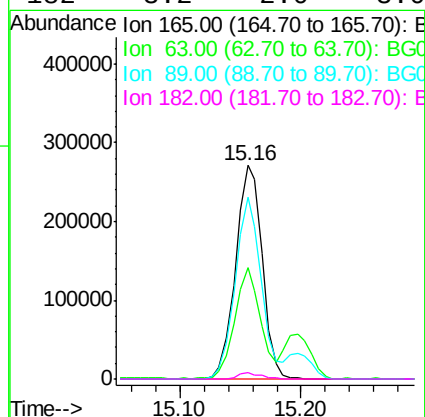
Manual Integrations

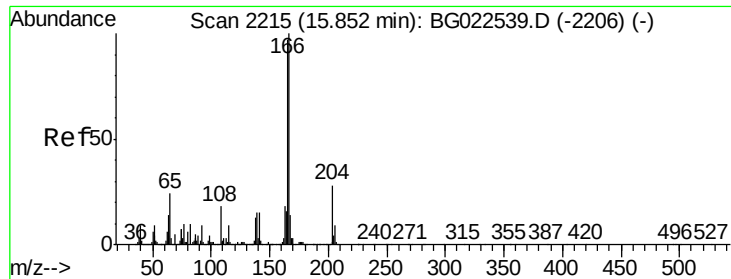
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#56
2,4-Dinitrotoluene
Concen: 41.28 ng
RT: 15.16 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.9	45.8	68.6
89	85.4	68.6	102.8
182	3.2	2.0	3.0#





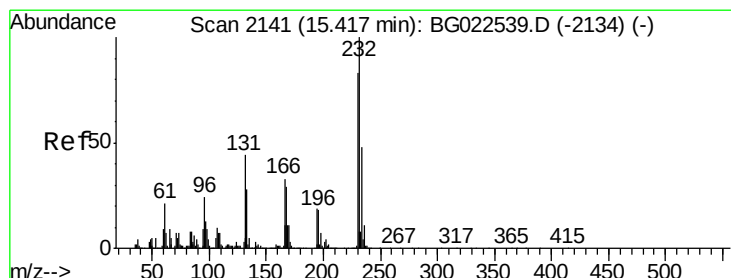
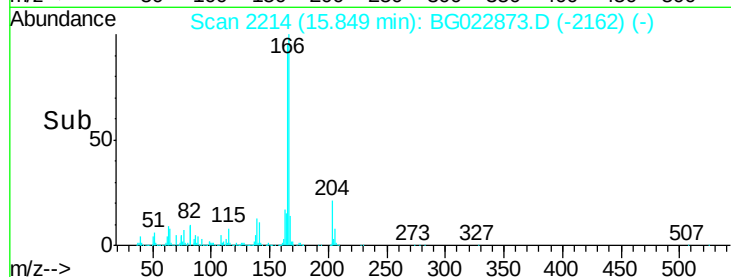
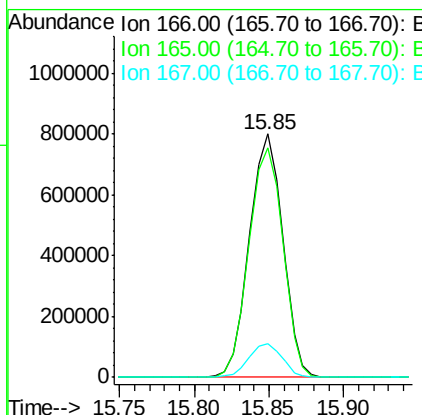
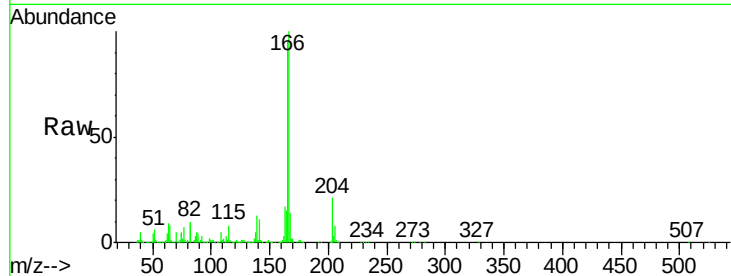
#57
Fluorene
 Concen: 39.65 ng
 RT: 15.85 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: BG022873.D
 Acq: 6 Jul 2016 11:42

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.5	81.0	121.6
167	13.9	12.0	18.0

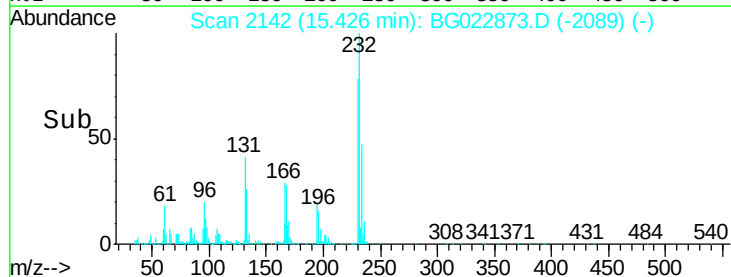
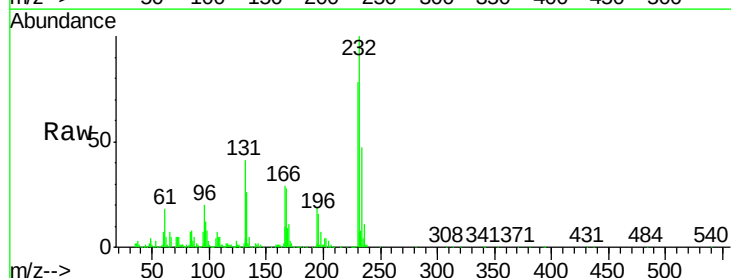
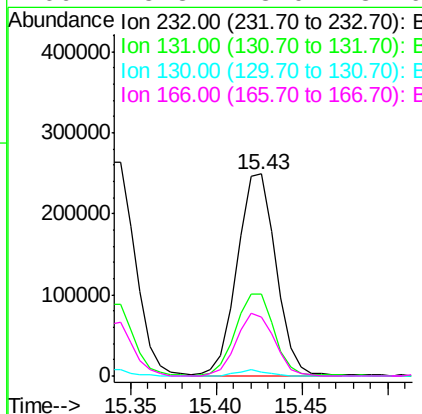
Manual Integrations

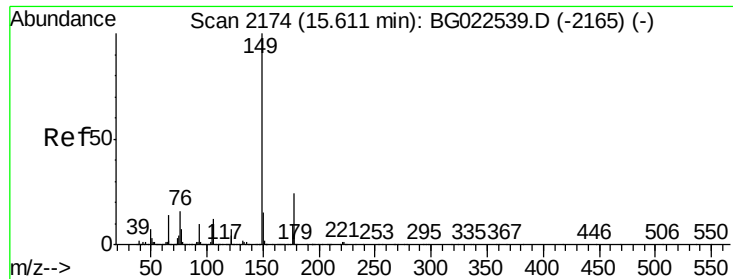
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 37.31 ng m
 RT: 15.43 min Scan# 2142
 Delta R.T. 0.01 min
 Lab File: BG022873.D
 Acq: 6 Jul 2016 11:42

Tgt Ion	Ratio	Lower	Upper
232	100		
131	36.5	32.7	49.1
130	2.7	2.6	3.8
166	25.3	23.0	34.6





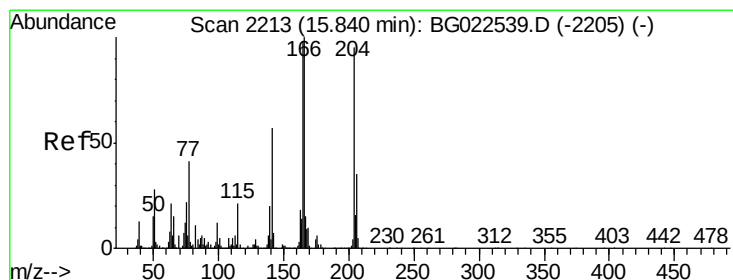
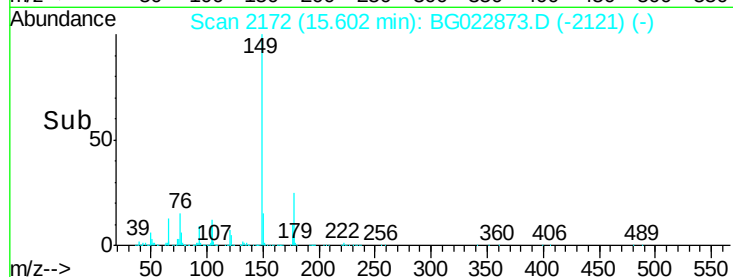
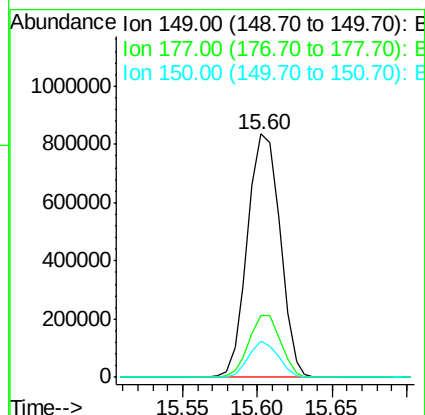
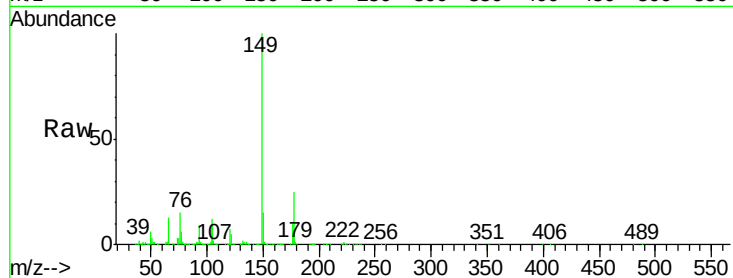
#59
Diethylphthalate
Concen: 36.69 ng
RT: 15.60 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.3	19.2	28.8
150	15.0	10.6	16.0

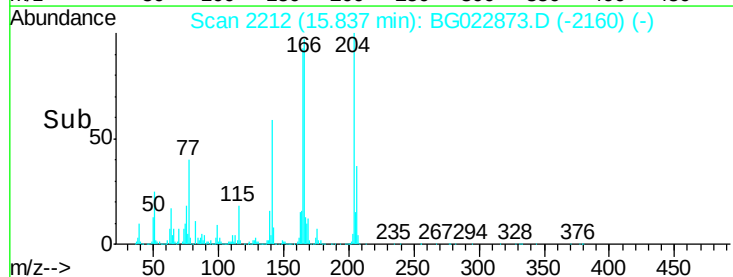
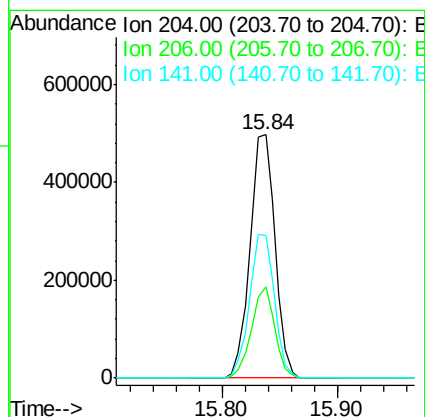
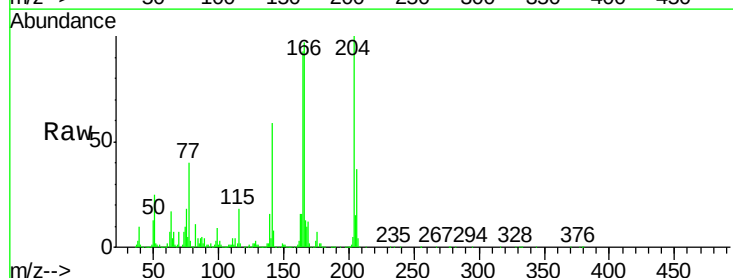
Manual Integrations

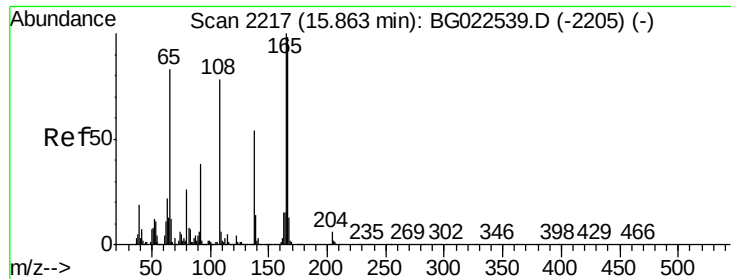
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#60
4-Chlorophenyl-phenylether
Concen: 40.25 ng
RT: 15.84 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	37.5	28.5	42.7
141	58.7	51.4	77.0





#61

4-Nitroaniline

Concen: 42.02 ng

RT: 15.87 min Scan# 2218

Delta R.T. 0.03 min

Lab File: BG022873.D

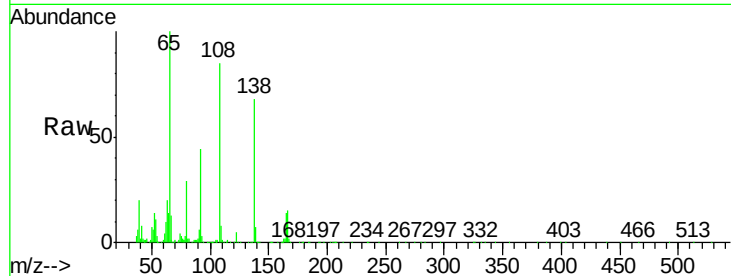
Acq: 6 Jul 2016 11:42

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

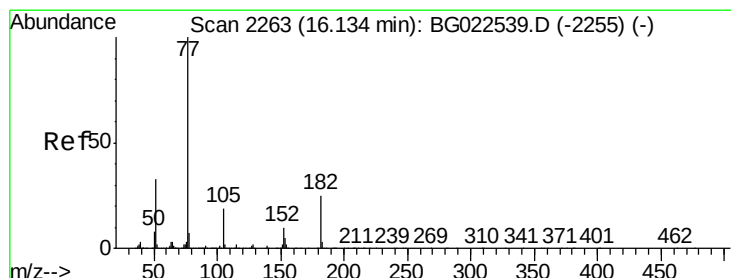
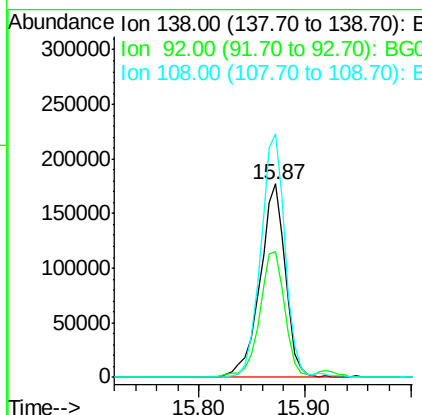
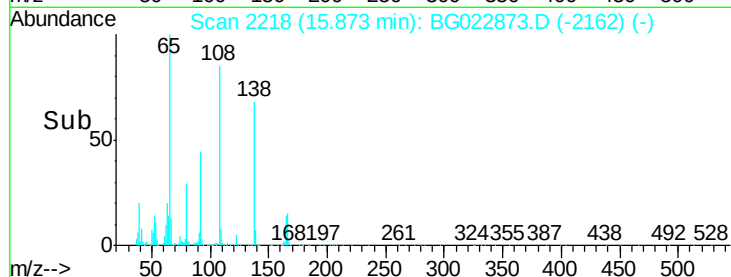


Tgt Ion:	138	Resp:	294838
Ion Ratio	Lower	Upper	
138	100		
92	65.0	54.1	94.1
108	126.1	133.9	173.9#

Manual Integrations

SOHIL

7/7/2016 4:18:39 AM



#62

Azobenzene

Concen: 33.59 ng

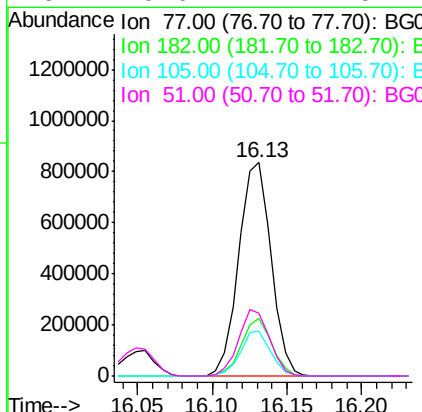
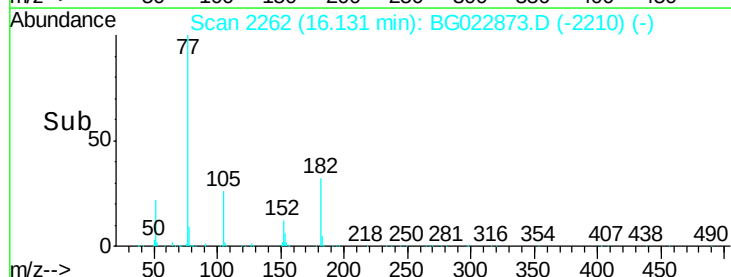
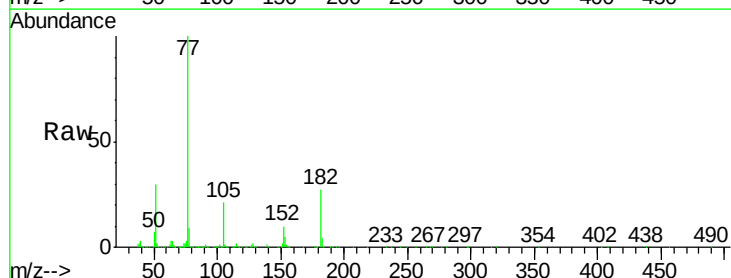
RT: 16.13 min Scan# 2262

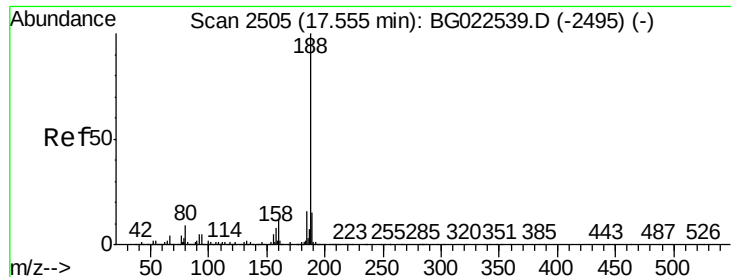
Delta R.T. 0.00 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

Tgt Ion:	77	Resp:	1250959
Ion Ratio	Lower	Upper	
77	100		
182	26.9	3.5	43.5
105	21.2	0.0	38.5
51	29.6	17.1	57.1





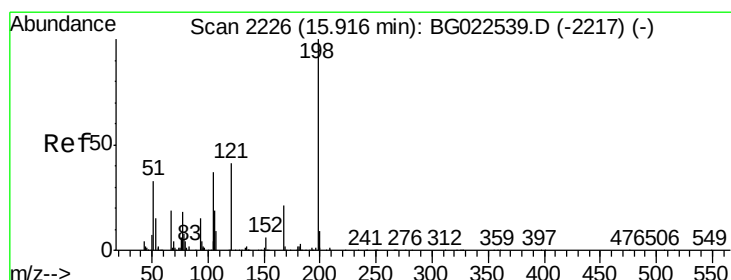
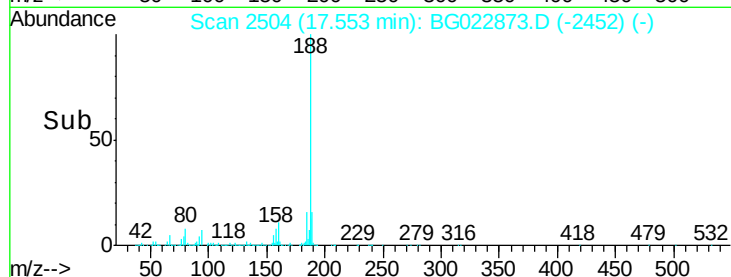
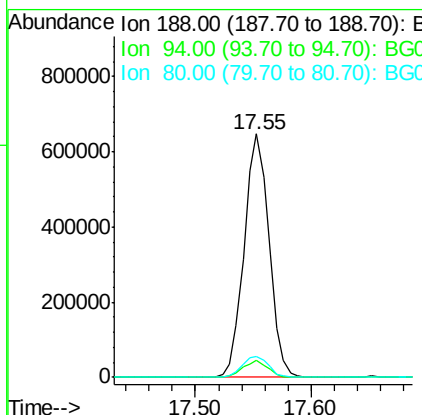
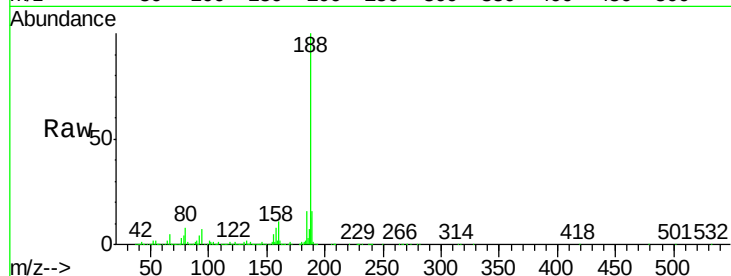
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	969775		
94	7.1	5.2	7.8	
80	8.4	7.2	10.8	

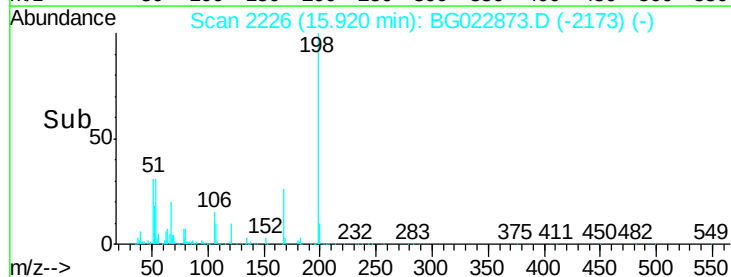
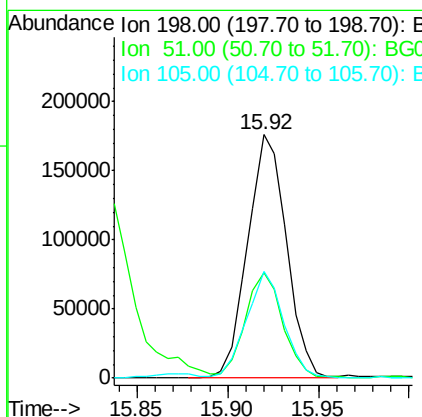
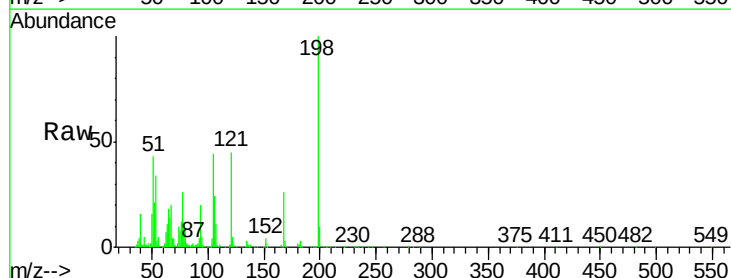
Manual Integrations

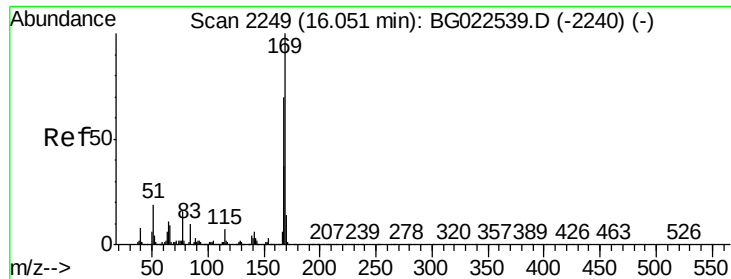
SOHIL
7/7/2016 4:18:39 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.39 ng
RT: 15.92 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	262713		
51	43.3	26.0	66.0	
105	43.6	20.1	60.1	





#65

n-Nitrosodiphenylamine

Concen: 40.16 ng

RT: 16.05 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:169 Resp: 1133443

Ion Ratio Lower Upper

169 100

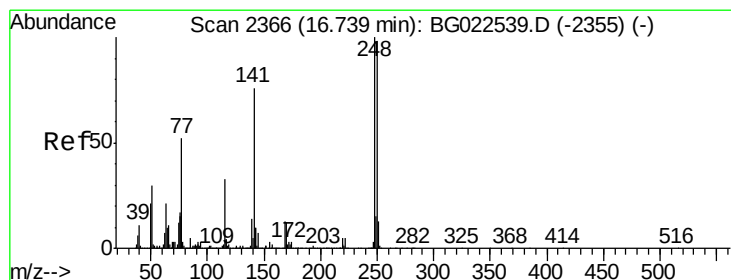
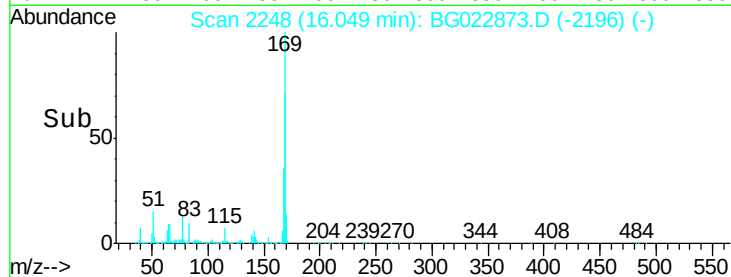
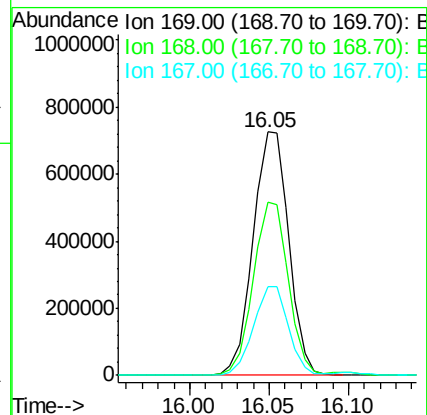
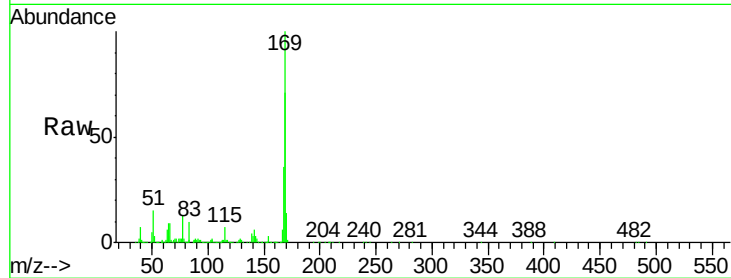
168 71.4 55.0 82.4

167 36.3 27.4 41.0

Manual Integrations

SOHIL

7/7/2016 4:18:39 AM



#66

4-Bromophenyl-phenylether

Concen: 39.98 ng

RT: 16.74 min Scan# 2365

Delta R.T. 0.00 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

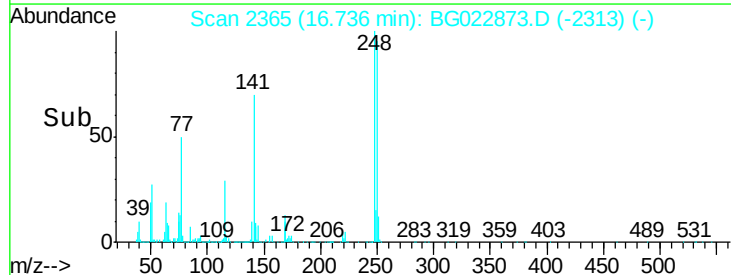
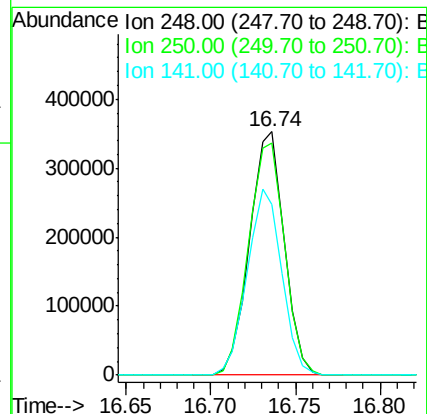
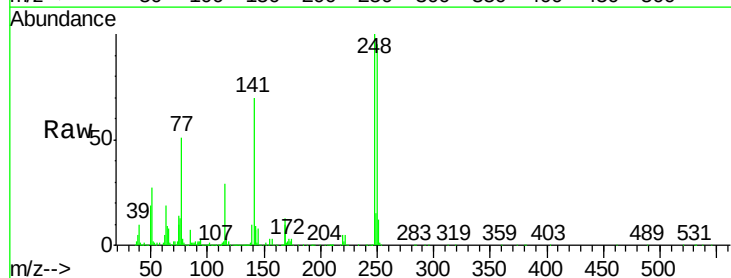
Tgt Ion:248 Resp: 503050

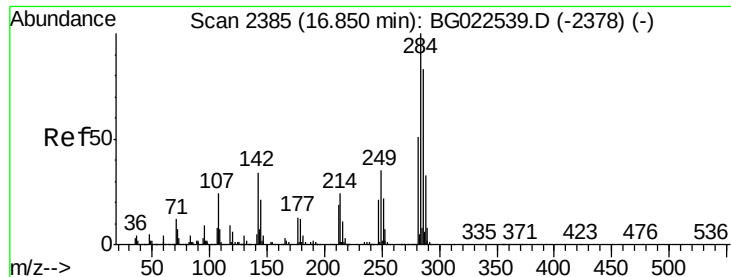
Ion Ratio Lower Upper

248 100

250 95.3 77.8 116.8

141 70.3 65.7 98.5





#67

Hexachlorobenzene

Concen: 41.50 ng

RT: 16.85 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

Instrument :

BNA_G

ClientSampleId :

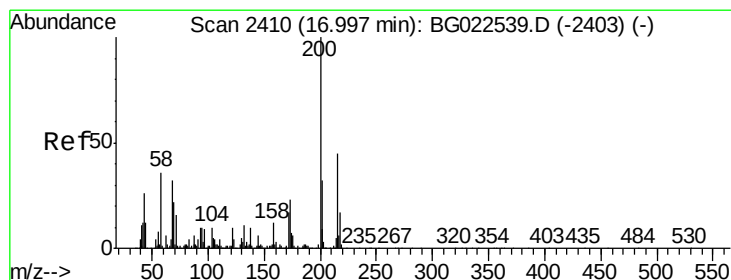
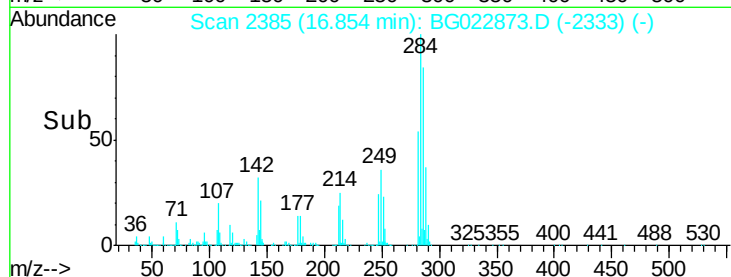
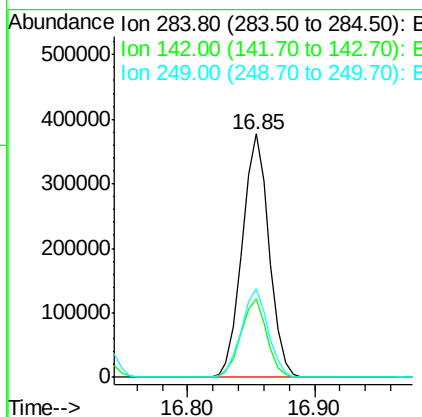
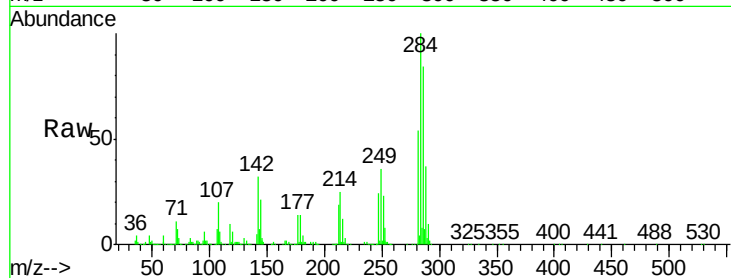
SSTDCCC040

Tgt Ion:	284	Resp:	552081
Ion Ratio	Lower	Upper	
284	100		
142	32.0	26.8	40.2
249	36.3	28.9	43.3

Manual Integrations

SOHIL

7/7/2016 4:18:39 AM



#68

Atrazine

Concen: 40.31 ng

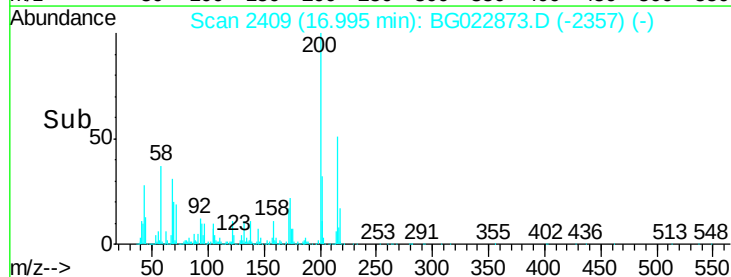
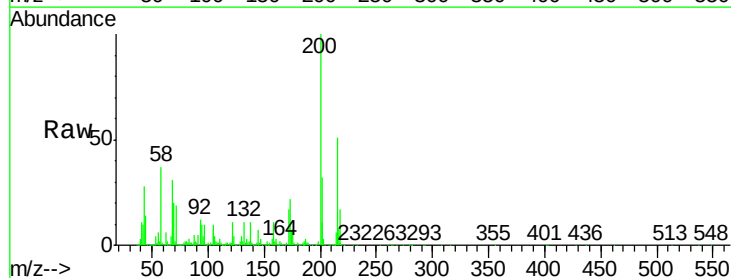
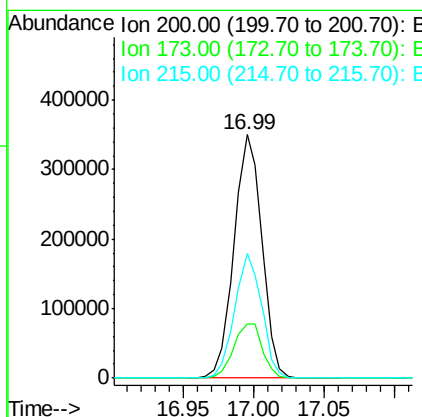
RT: 16.99 min Scan# 2409

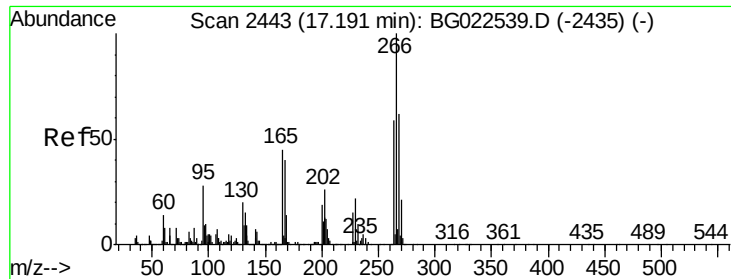
Delta R.T. 0.00 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

Tgt Ion:	200	Resp:	480335
Ion Ratio	Lower	Upper	
200	100		
173	22.1	1.6	41.6
215	51.4	28.7	68.7





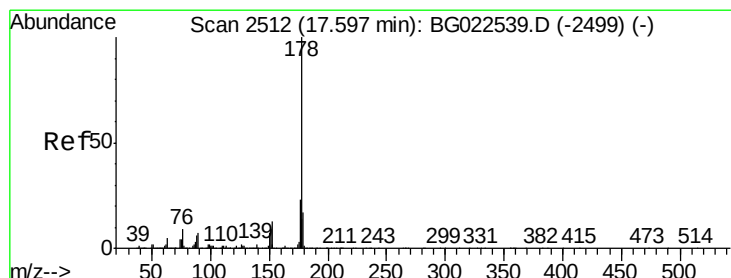
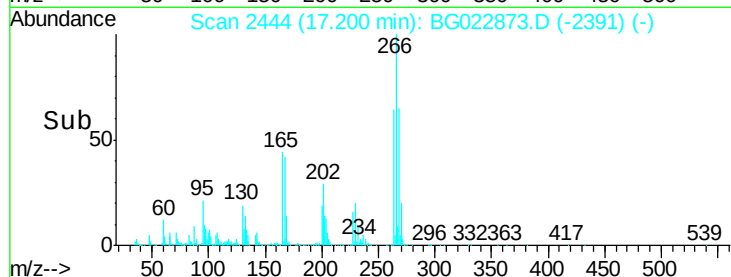
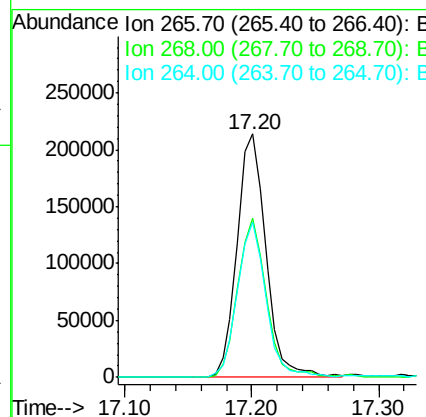
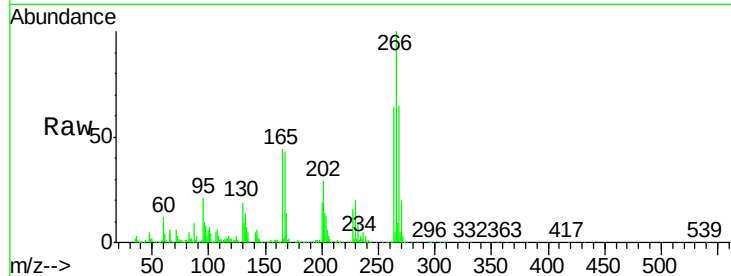
#69
 Pentachlorophenol
 Concen: 36.86 ng
 RT: 17.20 min Scan# 2444
 Delta R.T. 0.01 min
 Lab File: BG022873.D
 Acq: 6 Jul 2016 11:42

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	51.9	77.9
264	63.8	50.6	75.8

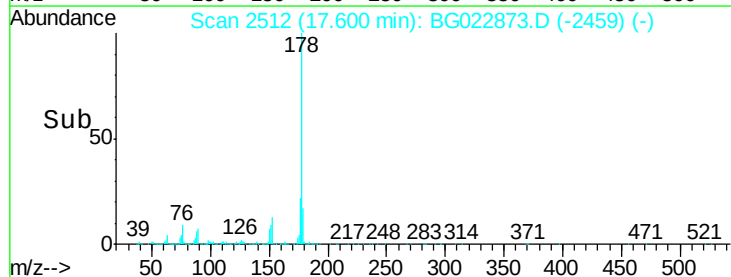
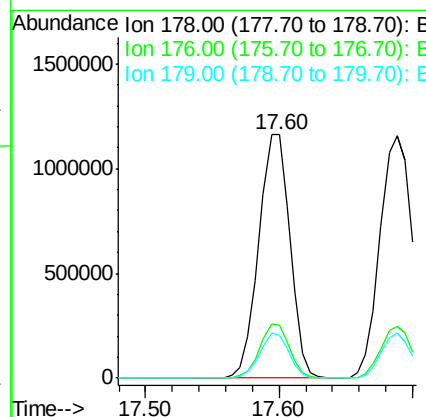
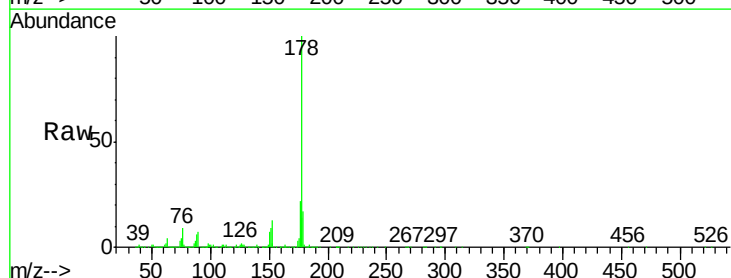
Manual Integrations

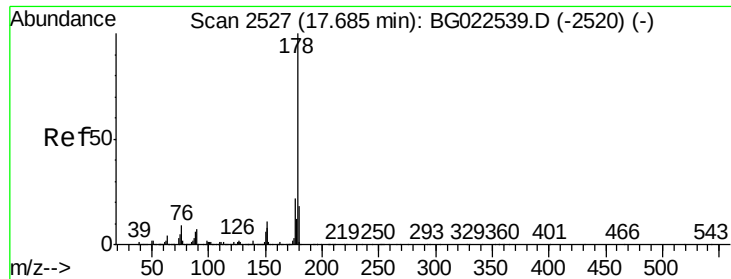
SOHIL
 7/7/2016 4:18:39 AM



#70
 Phenanthrene
 Concen: 38.00 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BG022873.D
 Acq: 6 Jul 2016 11:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.7	16.8	25.2
179	17.4	14.3	21.5





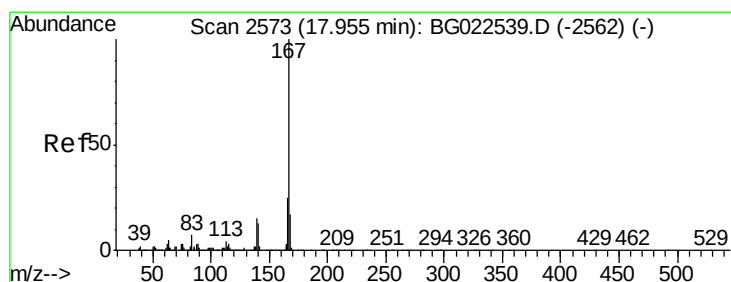
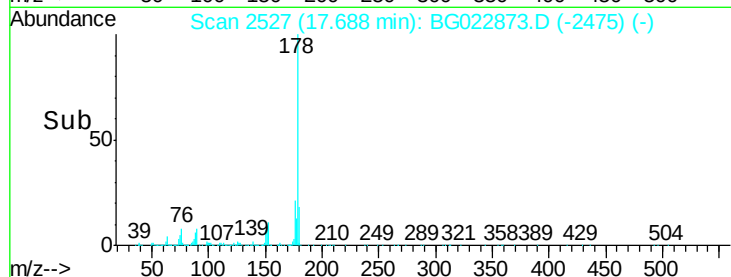
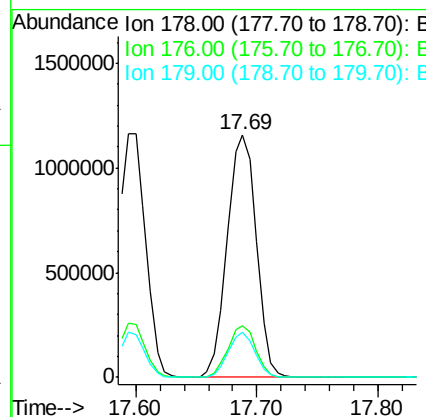
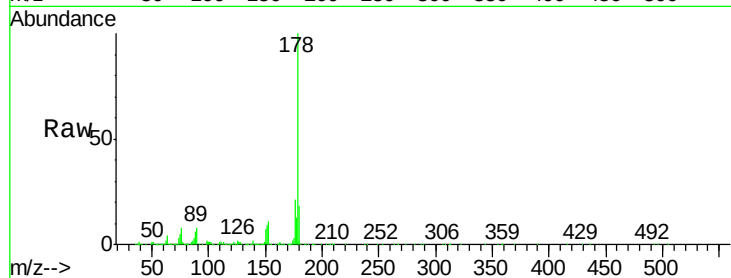
#71
 Anthracene
 Concen: 37.98 ng
 RT: 17.69 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG022873.D
 Acq: 6 Jul 2016 11:42

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1932989
 Ion Ratio Lower Upper
 178 100
 176 21.3 17.3 25.9
 179 18.4 14.0 21.0

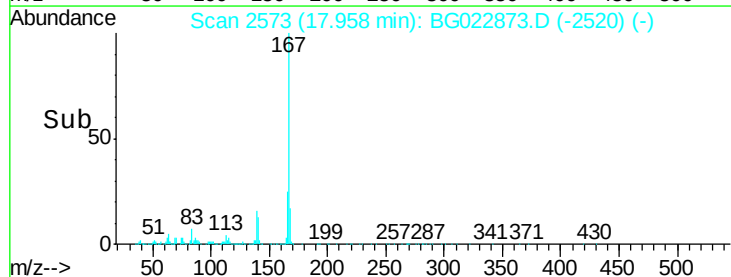
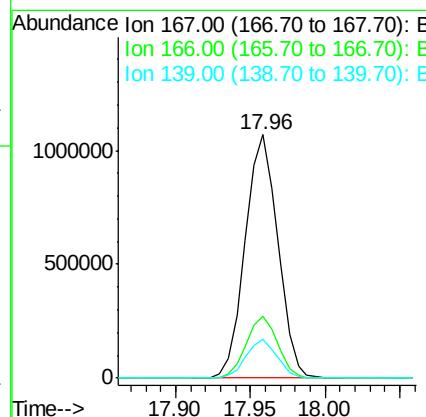
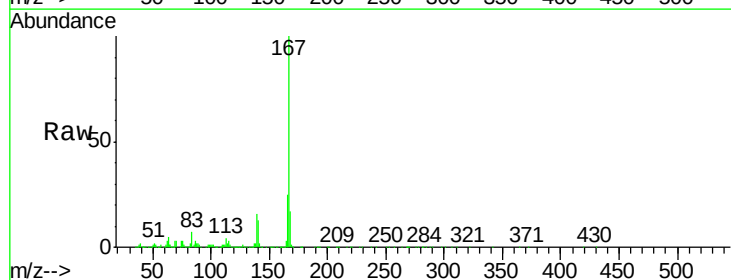
Manual Integrations

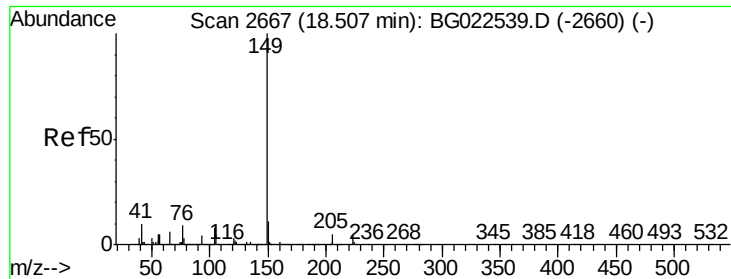
APPROVED
 SOHIL
 7/7/2016 4:18:39 AM



#72
 Carbazole
 Concen: 37.55 ng
 RT: 17.96 min Scan# 2573
 Delta R.T. 0.01 min
 Lab File: BG022873.D
 Acq: 6 Jul 2016 11:42

Tgt Ion:167 Resp: 1620261
 Ion Ratio Lower Upper
 167 100
 166 25.2 20.7 31.1
 139 15.8 11.9 17.9





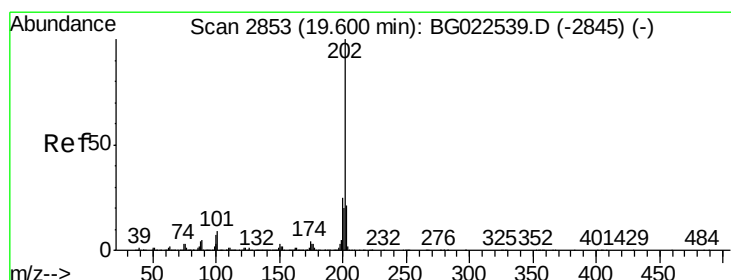
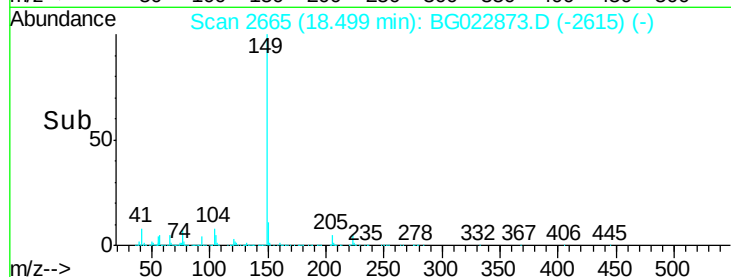
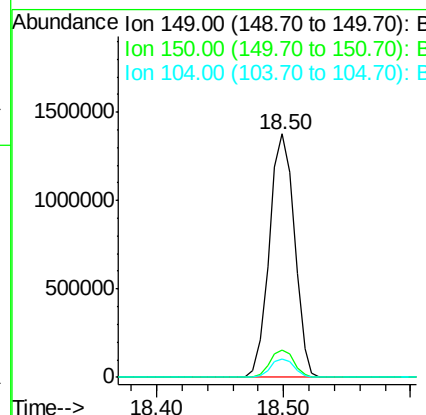
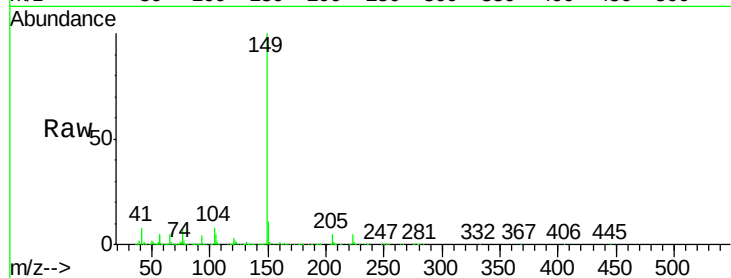
#73
Di-n-butylphthalate
Concen: 37.92 ng
RT: 18.50 min Scan# 2665
Delta R.T. -0.01 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1905228
Ion Ratio Lower Upper
149 100
150 11.3 9.1 13.7
104 7.7 6.9 10.3

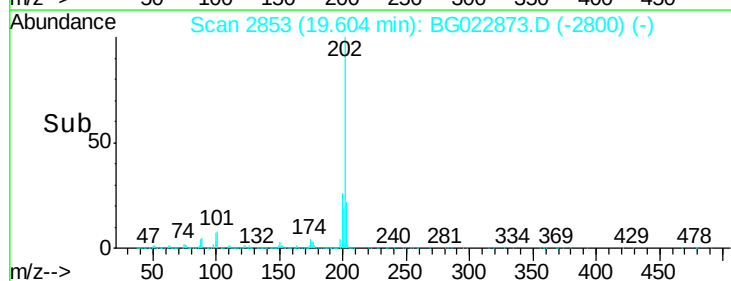
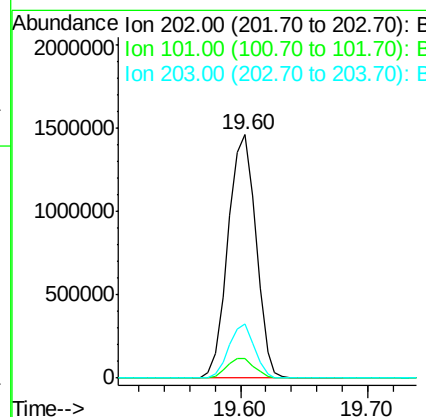
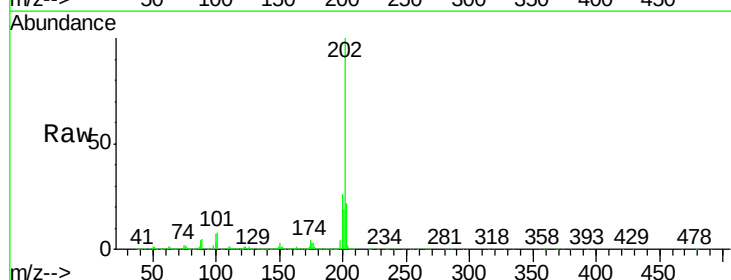
Manual Integrations

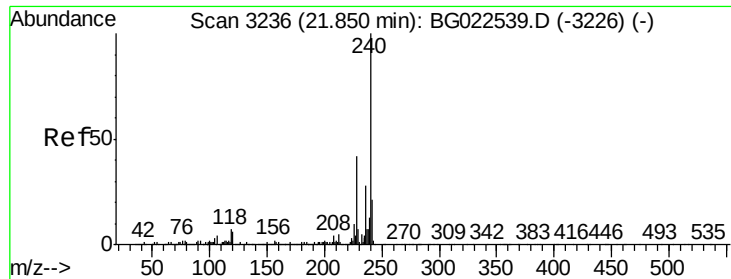
APPROVED
SOHIL
7/7/2016 4:18:39 AM



#74
Fluoranthene
Concen: 38.95 ng
RT: 19.60 min Scan# 2853
Delta R.T. 0.01 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Tgt Ion:202 Resp: 2218946
Ion Ratio Lower Upper
202 100
101 8.1 0.0 27.4
203 22.4 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3237

Delta R.T. 0.01 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:240 Resp: 1051105

Ion Ratio Lower Upper

240 100

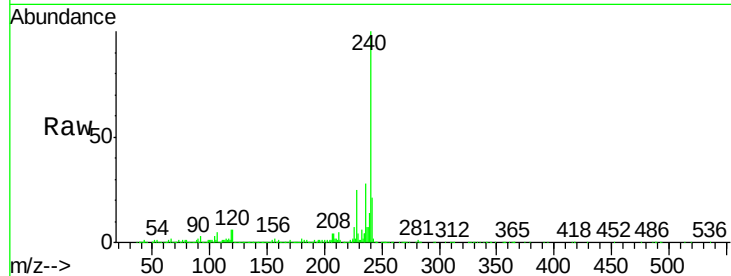
120 5.8 4.1 6.1

236 28.0 21.1 31.7

Manual Integrations

SOHIL

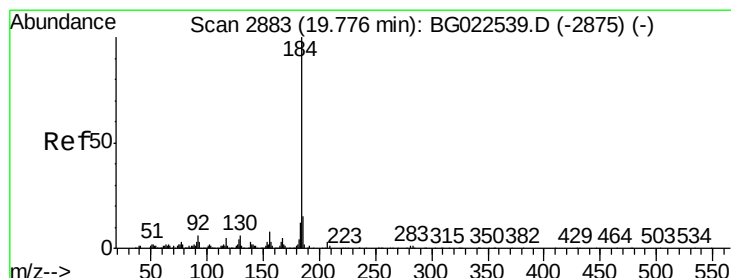
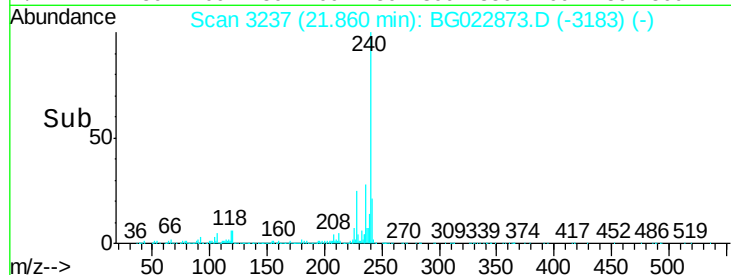
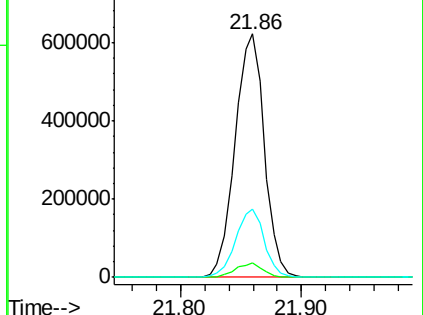
7/7/2016 4:18:39 AM



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: 131.40 ng

RT: 19.78 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

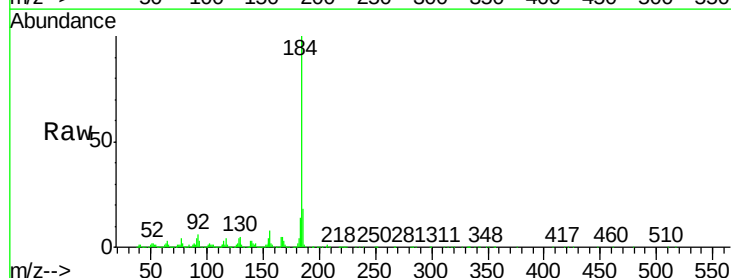
Tgt Ion:184 Resp: 1470454

Ion Ratio Lower Upper

184 100

185 17.9 12.6 19.0

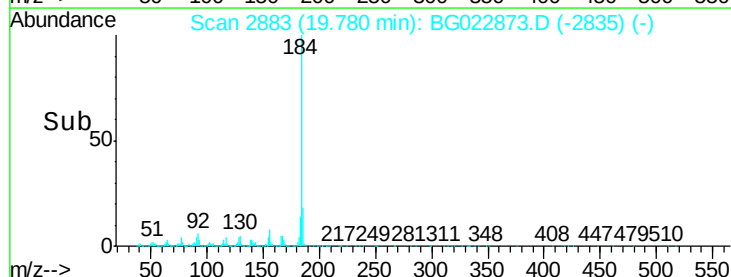
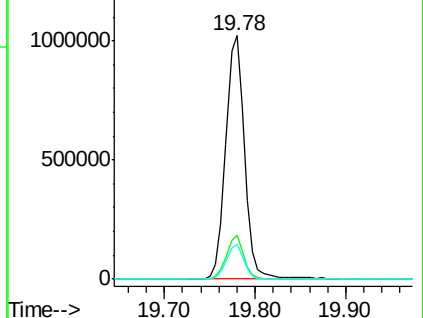
183 14.2 10.7 16.1

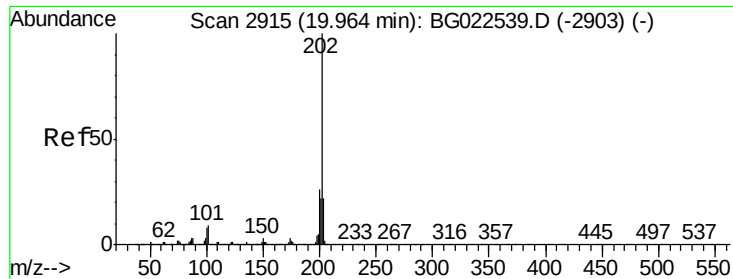


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.57 ng

RT: 19.96 min Scan# 2914

Delta R.T. 0.00 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

Instrument :

BNA_G

ClientSampleId :

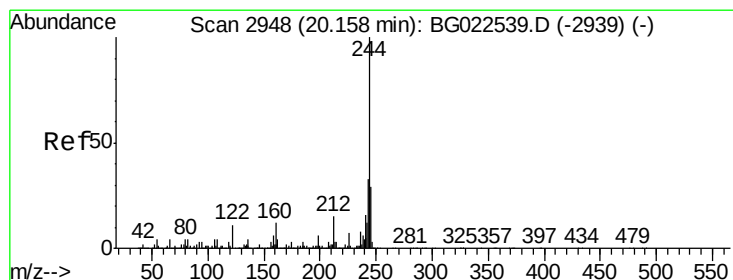
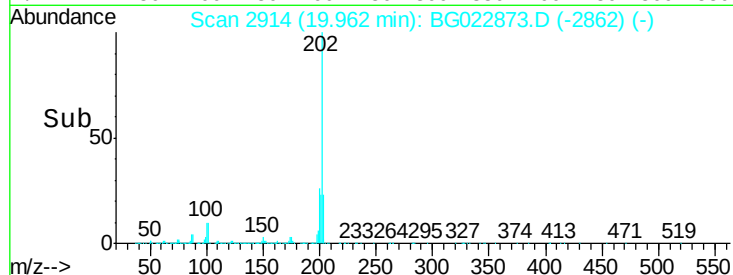
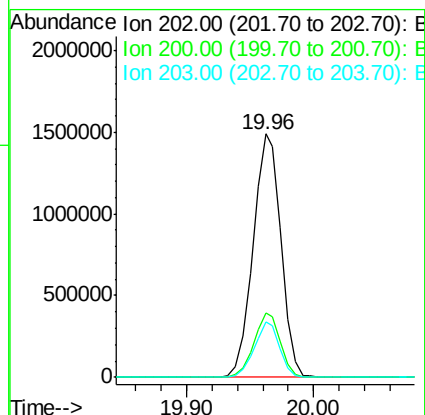
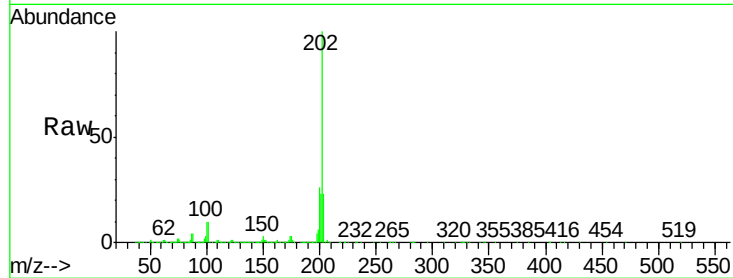
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	26.3	21.2	31.8
203	22.7	16.8	25.2

Manual Integrations

SOHIL

7/7/2016 4:18:39 AM



#78

Terphenyl-d14

Concen: 71.42 ng

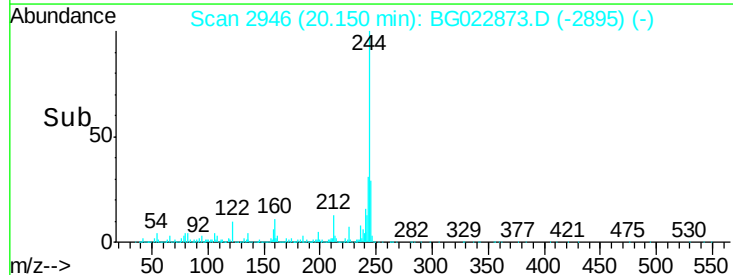
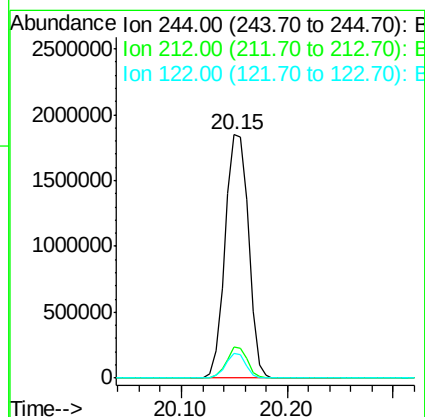
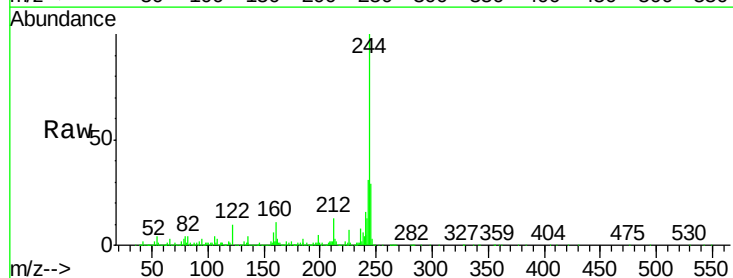
RT: 20.15 min Scan# 2946

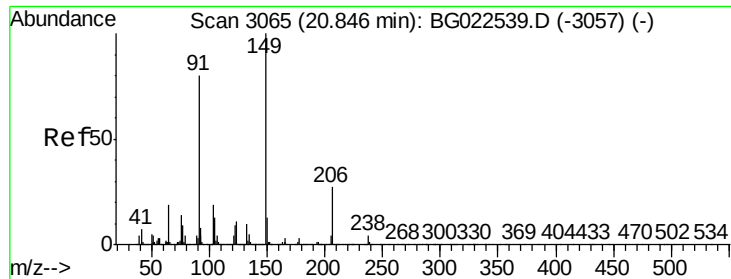
Delta R.T. -0.00 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	13.0	10.8	16.2
122	10.3	8.0	12.0





#79

Butylbenzylphthalate

Concen: 38.64 ng

RT: 20.84 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BG022873.D

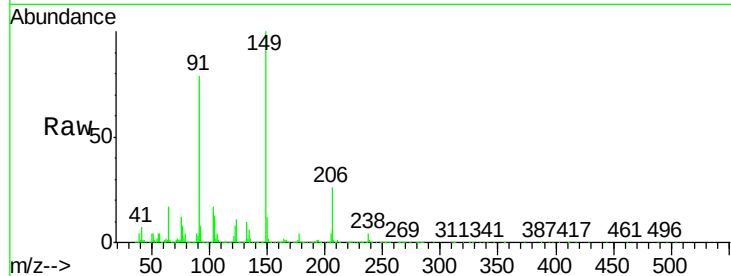
Acq: 6 Jul 2016 11:42

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

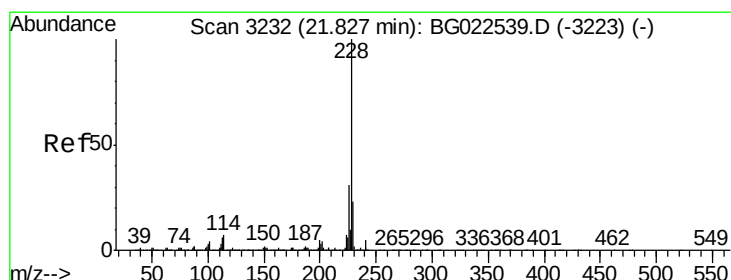
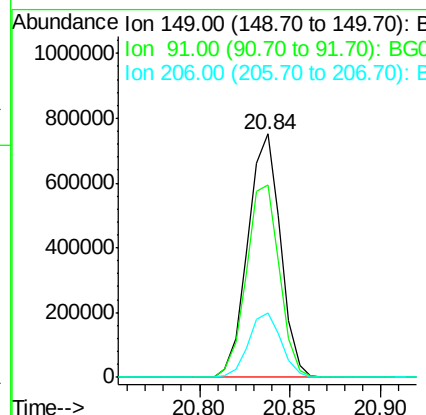
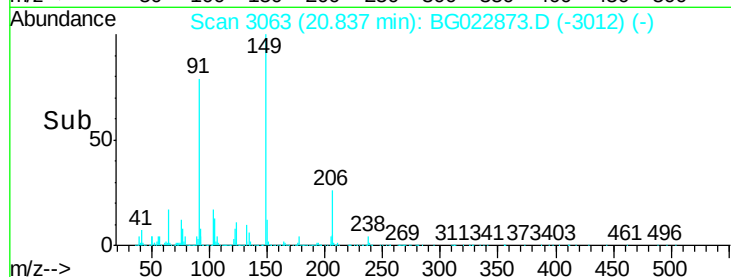


Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.1	68.1	102.1
206	26.2	19.8	29.6

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#80

Benzo(a)anthracene

Concen: 40.44 ng

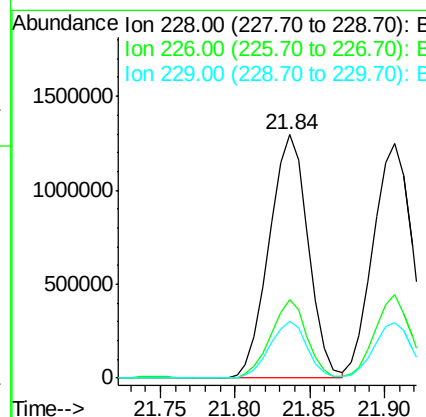
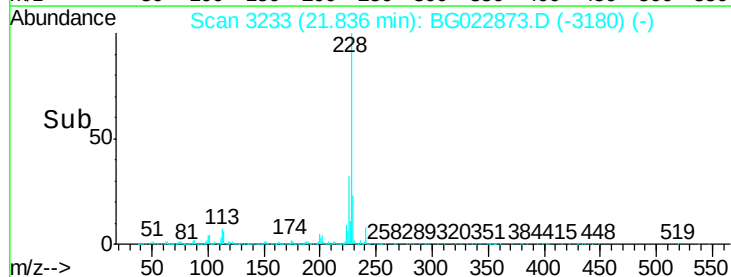
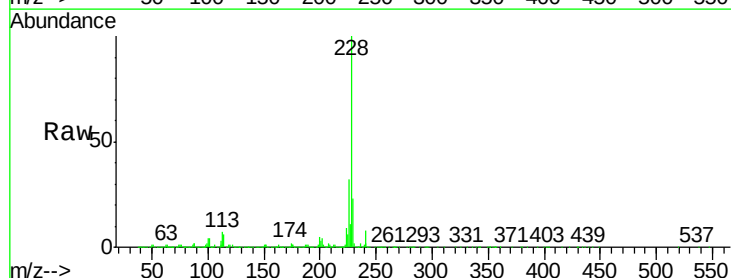
RT: 21.84 min Scan# 3233

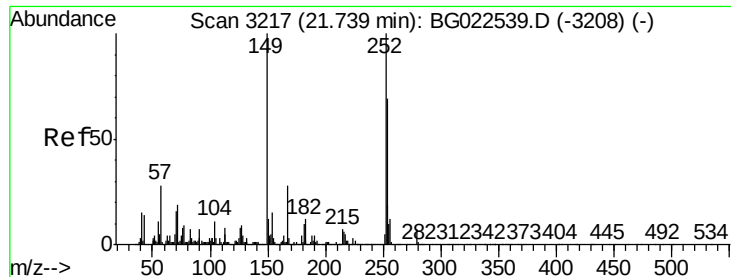
Delta R.T. 0.01 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.3	37.9
229	23.4	19.9	29.9





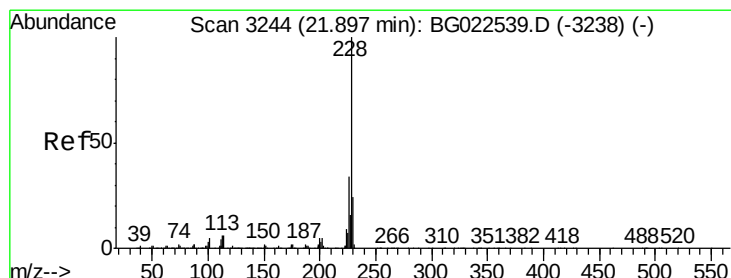
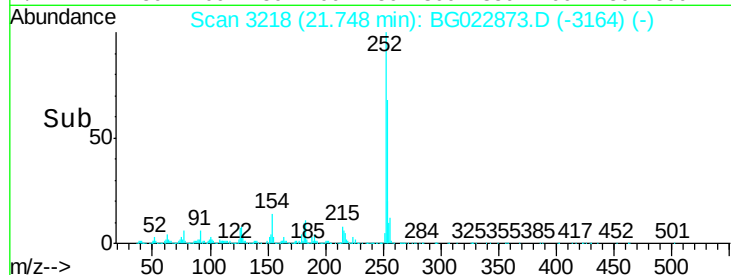
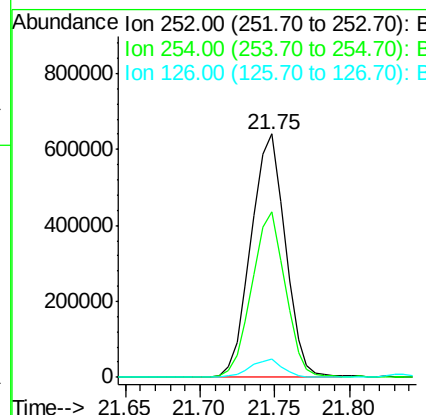
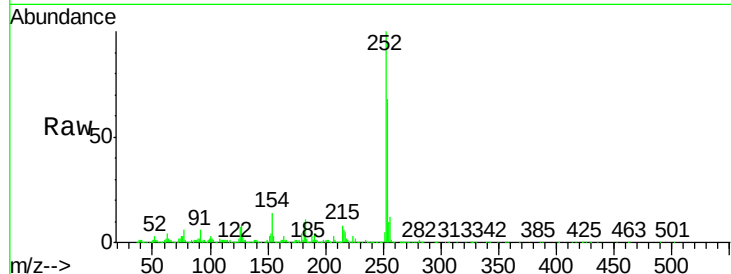
#81
 3,3'-Dichlorobenzidine
 Concen: 42.53 ng
 RT: 21.75 min Scan# 3218
 Delta R.T. 0.01 min
 Lab File: BG022873.D
 Acq: 6 Jul 2016 11:42

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 252 Resp: 1021582
 Ion Ratio Lower Upper
 252 100
 254 68.2 51.2 76.8
 126 7.4 5.3 7.9

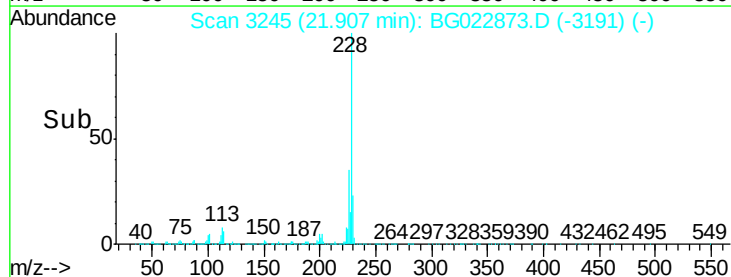
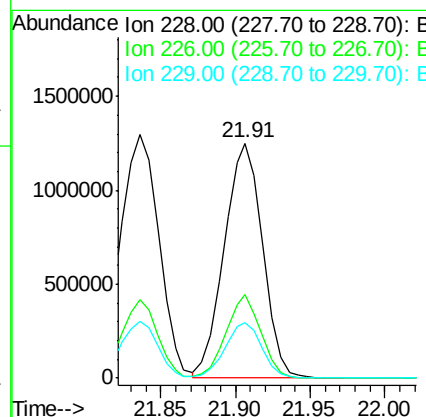
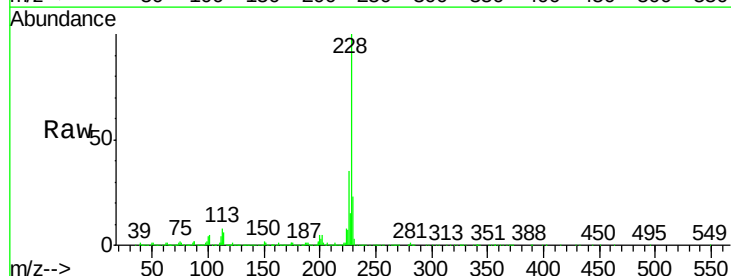
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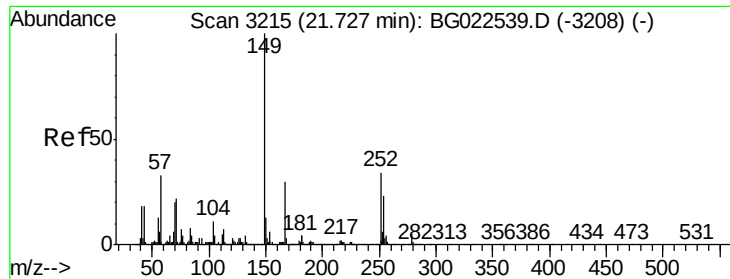
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#82
 Chrysene
 Concen: 40.83 ng
 RT: 21.91 min Scan# 3245
 Delta R.T. 0.01 min
 Lab File: BG022873.D
 Acq: 6 Jul 2016 11:42

Tgt Ion: 228 Resp: 2231688
 Ion Ratio Lower Upper
 228 100
 226 35.4 26.7 40.1
 229 23.5 17.4 26.2





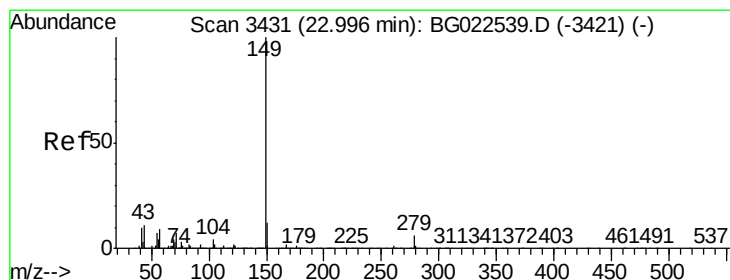
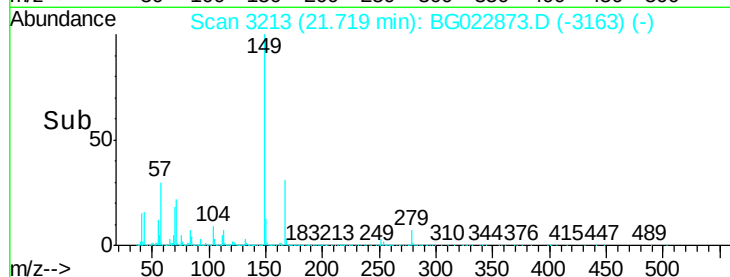
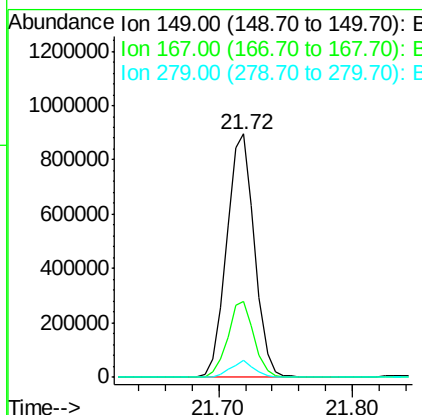
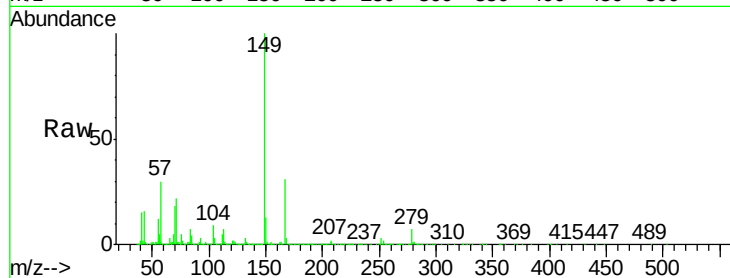
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.03 ng
 RT: 21.72 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BG022873.D
 Acq: 6 Jul 2016 11:42

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:149 Resp: 1297547
 Ion Ratio Lower Upper
 149 100
 167 31.0 24.0 36.0
 279 7.1 4.8 7.2

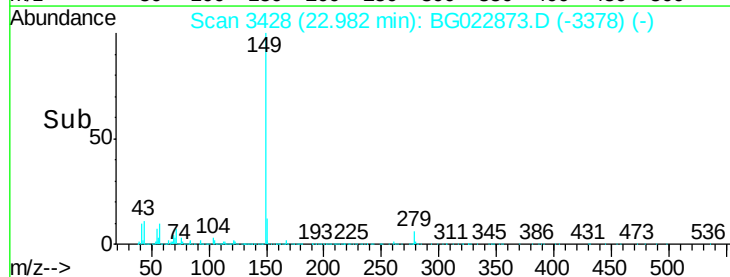
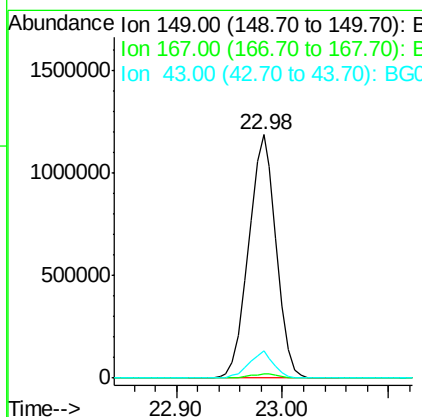
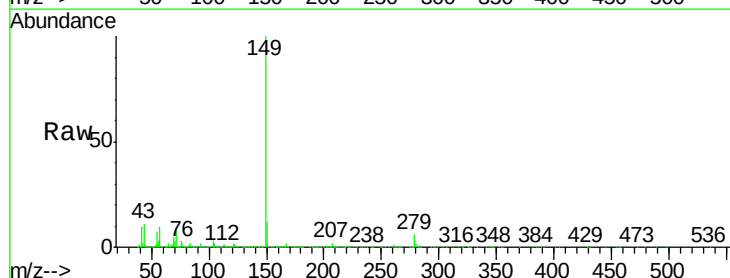
Manual Integrations

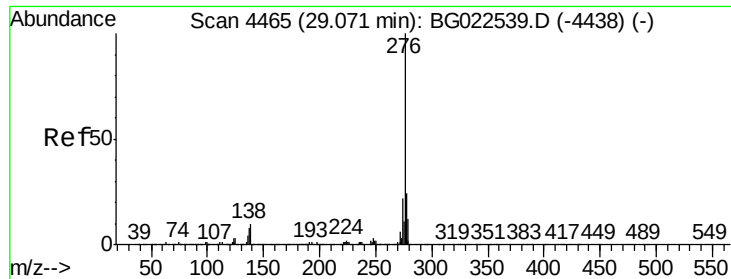
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#84
 Di-n-octyl phthalate
 Concen: 38.05 ng
 RT: 22.98 min Scan# 3428
 Delta R.T. -0.01 min
 Lab File: BG022873.D
 Acq: 6 Jul 2016 11:42

Tgt Ion:149 Resp: 2140045
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.5 2.3
 43 10.0 8.8 13.2





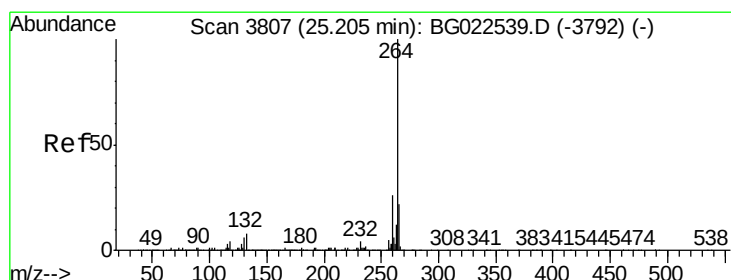
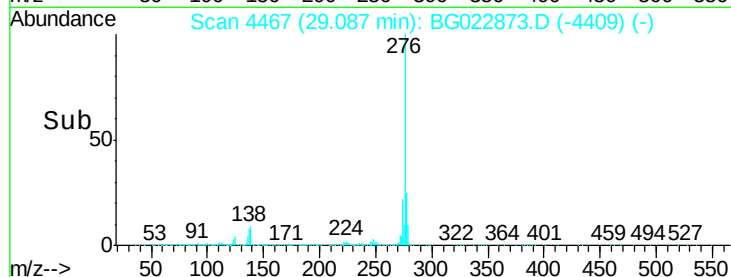
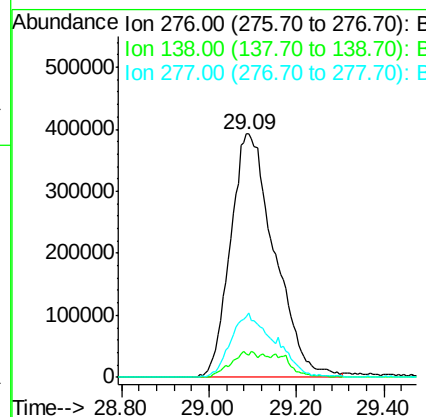
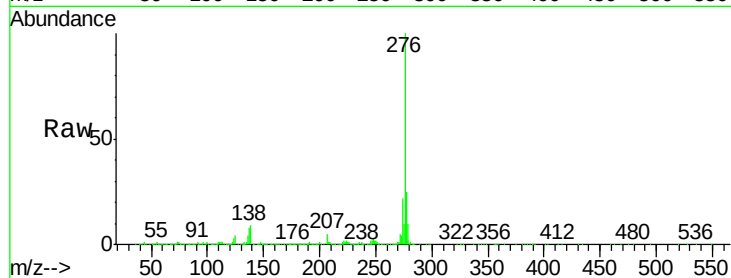
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.45 ng
 RT: 29.09 min Scan# 4467
 Delta R.T. 0.04 min
 Lab File: BG022873.D
 Acq: 6 Jul 2016 11:42

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 276 Resp: 2689505
 Ion Ratio Lower Upper
 276 100
 138 4.6 0.0 0.0#
 277 26.2 0.0 0.0#

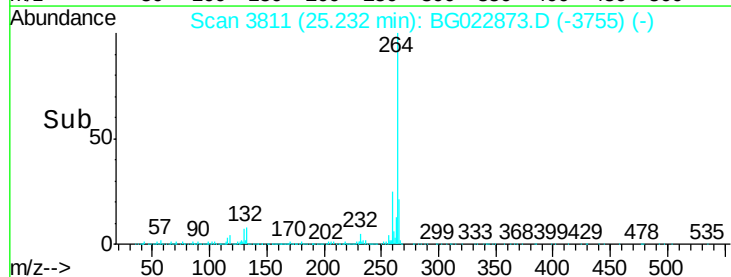
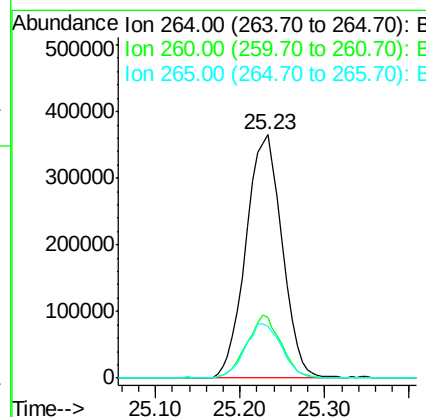
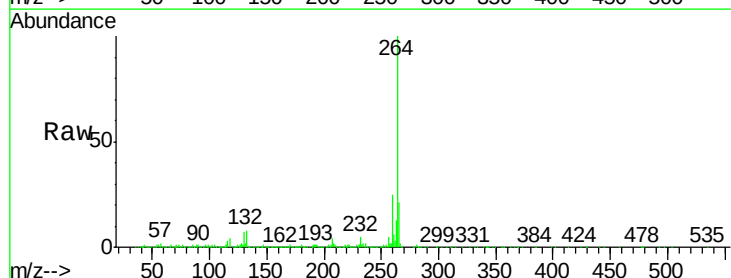
Manual Integrations

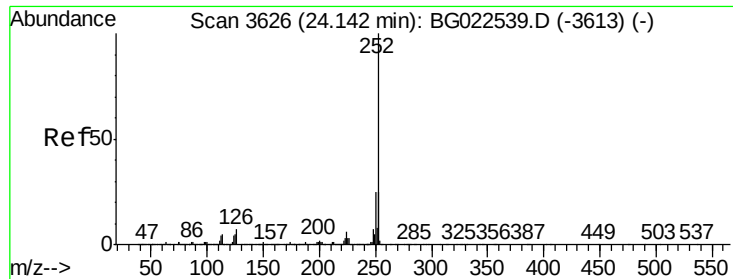
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.23 min Scan# 3811
 Delta R.T. 0.03 min
 Lab File: BG022873.D
 Acq: 6 Jul 2016 11:42

Tgt Ion: 264 Resp: 1088533
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.4 27.6
 265 21.3 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 39.07 ng

RT: 24.16 min Scan# 3628

Delta R.T. 0.03 min

Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

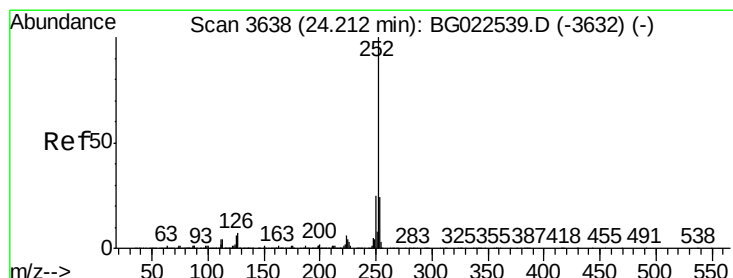
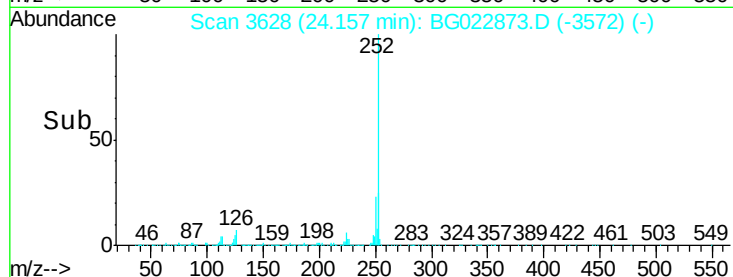
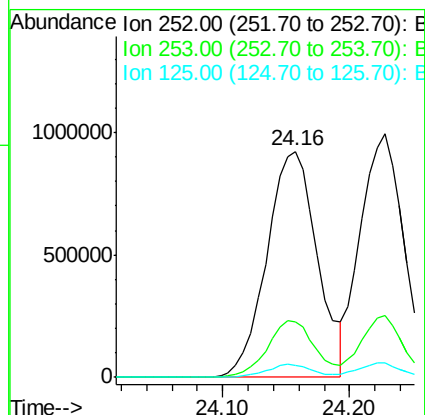
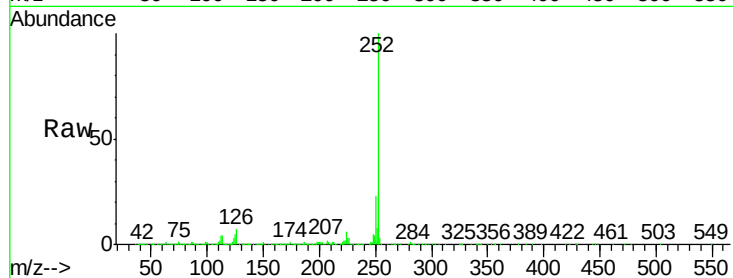
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 2557335

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.9	28.3
125	5.3	3.9	5.9

Manual Integrations

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#88

Benzo(k)fluoranthene

Concen: 38.04 ng

RT: 24.23 min Scan# 3640

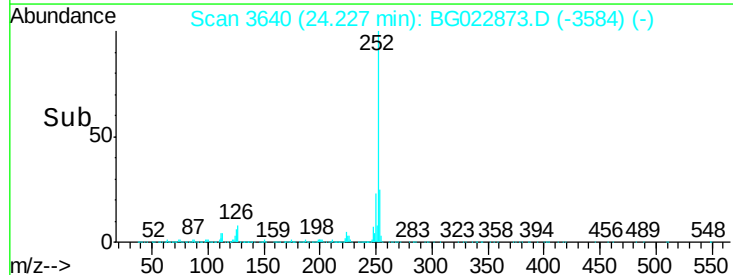
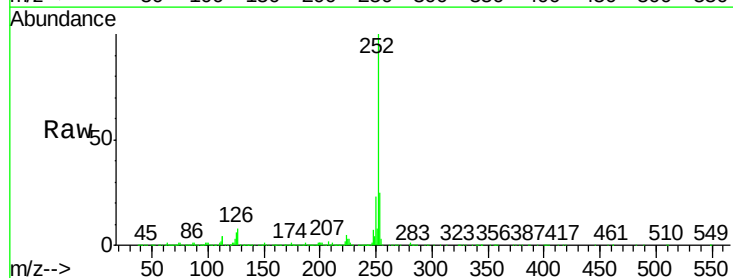
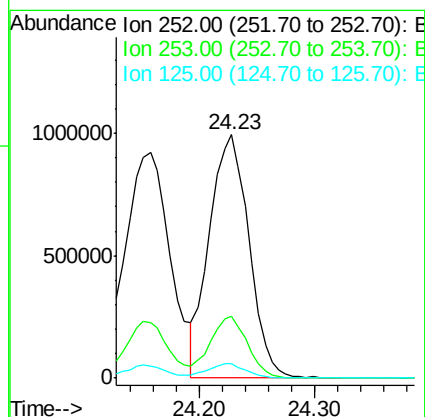
Delta R.T. 0.03 min

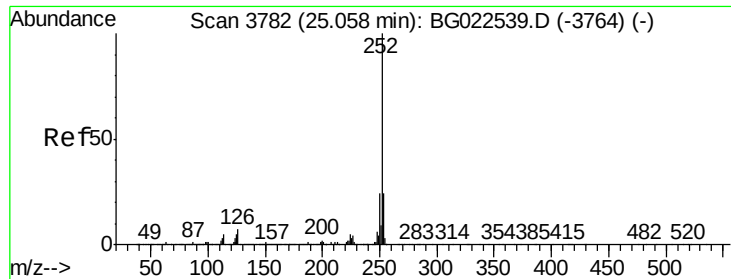
Lab File: BG022873.D

Acq: 6 Jul 2016 11:42

Tgt Ion:252 Resp: 2353733

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.8	28.2
125	5.8	3.2	4.8#





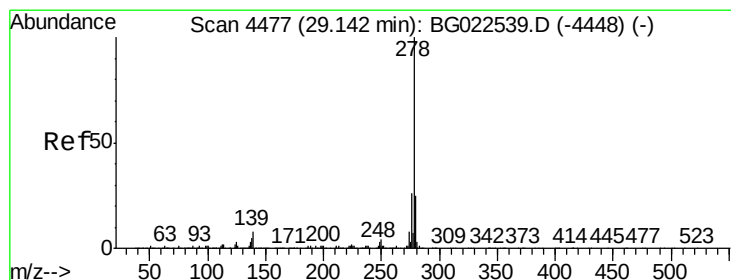
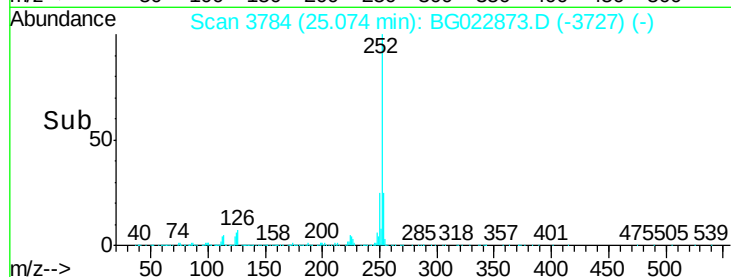
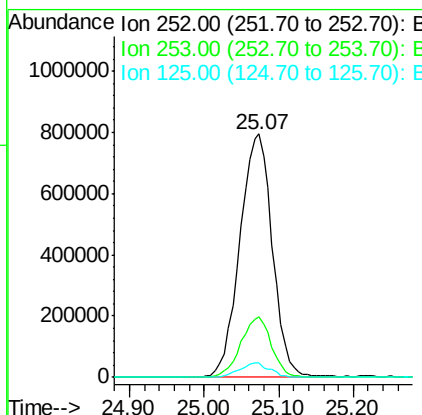
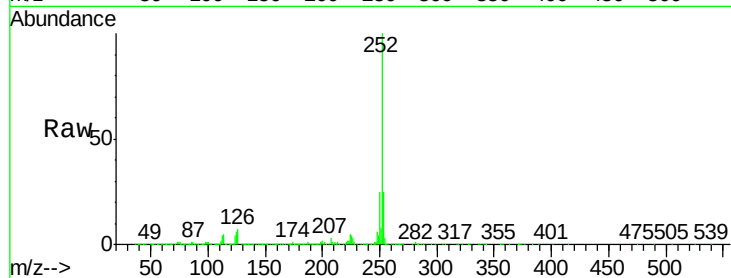
#89
Benzo(a)pyrene
Concen: 37.59 ng
RT: 25.07 min Scan# 3784
Delta R.T. 0.03 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 252 Resp: 2398346
Ion Ratio Lower Upper
252 100
253 25.0 18.7 28.1
125 6.0 3.9 5.9#

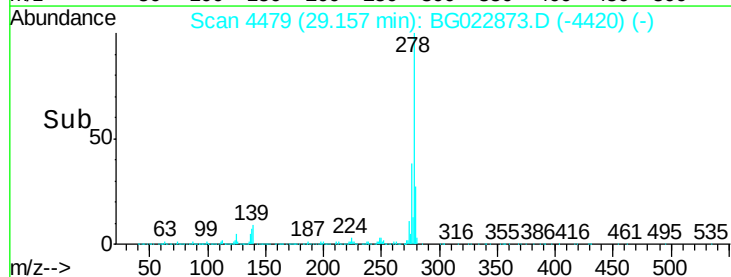
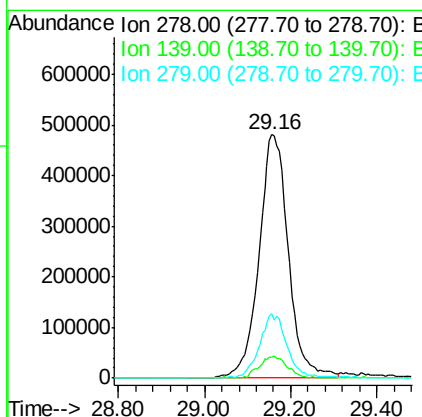
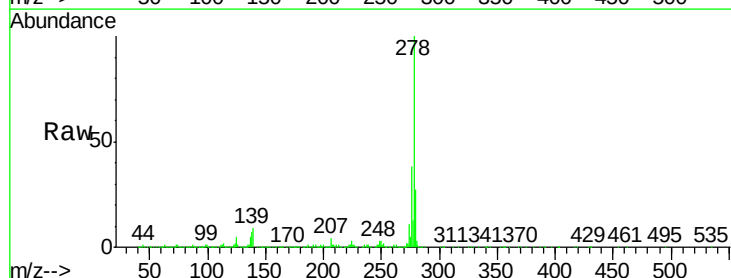
Manual Integrations

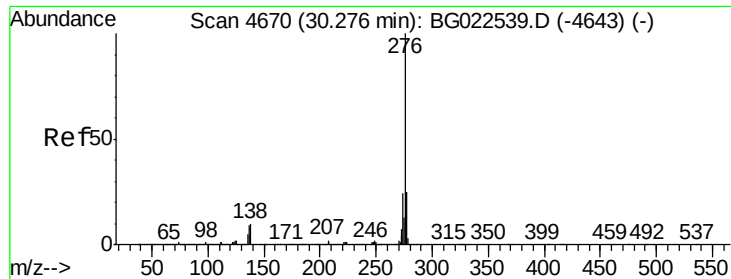
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#90
Dibenzo(a,h)anthracene
Concen: 38.64 ng
RT: 29.16 min Scan# 4479
Delta R.T. 0.04 min
Lab File: BG022873.D
Acq: 6 Jul 2016 11:42

Tgt Ion: 278 Resp: 2320940
Ion Ratio Lower Upper
278 100
139 8.7 4.7 7.1#
279 26.7 18.3 27.5





#91
 Benzo(g,h,i)perylene
 Concen: 37.62 ng
 RT: 30.31 min Scan# 4675
 Delta R.T. 0.06 min
 Lab File: BG022873.D
 Acq: 6 Jul 2016 11:42

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 276 Resp: 2300061
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.6 27.8
 138 12.5 6.8 10.2#

Manual Integrations

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