

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023050.D
 Acq On : 13 Jul 2016 00:47
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations

umangi
 7/13/2016 6:28:38 PM

Quant Time: Jul 13 01:54:39 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	98067	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	489969	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	376517	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	858696	20.00	ng	0.00
75) Chrysene-d12	21.87	240	926447	20.00	ng	0.02
86) Perylene-d12	25.25	264	951104	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	483616	80.65	ng	0.00
7) Phenol-d6	7.31	99	802105	85.41	ng	0.00
23) Nitrobenzene-d5	9.33	82	916186	80.07	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	438856	64.85	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1906312	79.75	ng	0.00
78) Terphenyl-d14	20.16	244	2514871	86.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	92388	39.64	ng	97
3) Pyridine	3.97	79	321093	40.26	ng	# 92
4) n-Nitrosodimethylamine	3.89	42	141245	41.28	ng	94
6) Aniline	7.47	93	526473	40.45	ng	99
8) 2-Chlorophenol	7.72	128	260728	40.86	ng	96
9) Benzaldehyde	7.28	77	243485	38.80	ng	92
10) Phenol	7.34	94	416989	43.15	ng	95
11) bis(2-Chloroethyl)ether	7.56	93	303999	39.69	ng	96
12) 1,3-Dichlorobenzene	8.04	146	303593	38.87	ng	97
13) 1,4-Dichlorobenzene	8.19	146	308177	39.41	ng	96
14) 1,2-Dichlorobenzene	8.51	146	313822	40.37	ng	95
15) Benzyl Alcohol	8.39	79	364514	42.38	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	386585	41.32	ng	97
17) 2-Methylphenol	8.59	107	265804	42.26	ng	97
18) Hexachloroethane	9.24	117	132479	40.13	ng	87
19) n-Nitroso-di-n-propylamine	8.96	70	336627	39.76	ng	96
20) 3+4-Methylphenols	8.92	107	383294	43.69	ng	91
22) Acetophenone	8.98	105	551089	37.48	ng	# 94
24) Nitrobenzene	9.37	77	480114	39.49	ng	92
25) Isophorone	9.89	82	868113	37.72	ng	# 97
26) 2-Nitrophenol	10.09	139	190399	39.91	ng	95
27) 2,4-Dimethylphenol	10.14	122	317193	38.46	ng	89
28) bis(2-Chloroethoxy)methane	10.37	93	489430	38.13	ng	97
29) 2,4-Dichlorophenol	10.63	162	351732	39.99	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	392630	38.95	ng	97
31) Naphthalene	11.03	128	989825	39.68	ng	99
32) Benzoic acid	10.28	122	270262	36.02	ng	95
33) 4-Chloroaniline	11.14	127	482697	39.57	ng	96
34) Hexachlorobutadiene	11.31	225	306317	37.49	ng	98
35) Caprolactam	11.92	113	128171	35.42	ng	99
36) 4-Chloro-3-methylphenol	12.26	107	475502	39.52	ng	95
37) 2-Methylnaphthalene	12.63	142	785019	39.82	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	644795	39.74	ng	99
40) Hexachlorocyclopentadiene	12.97	237	399222	42.74	ng	97

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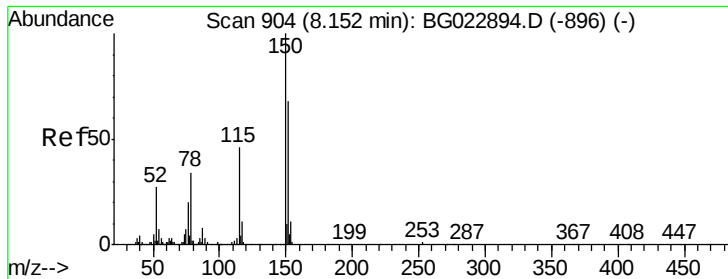
Manual Integrations

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Quant Time: Jul 13 01:54:39 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	357052	38.29	nq	95
43) 2,4,5-Trichlorophenol	13.31	196	370542	38.69	nq	97
45) 1,1'-Biphenyl	13.63	154	1153748	40.84	nq	97
46) 2-Chloronaphthalene	13.68	162	944957	41.23	nq	98
47) 2-Nitroaniline	13.88	65	398230	40.73	nq	97
48) Acenaphthylene	14.53	152	1372082	39.91	nq	97
49) Dimethylphthalate	14.24	163	1135209	36.91	nq	99
50) 2,6-Dinitrotoluene	14.37	165	259154	37.49	nq	87
51) Acenaphthene	14.87	154	883582	39.33	nq	98
52) 3-Nitroaniline	14.71	138	267468	38.81	nq	96
53) 2,4-Dinitrophenol	14.91	184	230491	48.60	nq	95
54) Dibenzofuran	15.20	168	1308273	38.91	nq	97
55) 4-Nitrophenol	15.02	139	195830	33.90	nq	92
56) 2,4-Dinitrotoluene	15.16	165	376546	37.37	nq	92
57) Fluorene	15.85	166	1103116	38.12	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	335868m	35.05	nq	
59) Diethylphthalate	15.61	149	1164761	37.22	nq	99
60) 4-Chlorophenyl-phenylether	15.84	204	648619	36.80	nq	99
61) 4-Nitroaniline	15.87	138	271256	36.37	nq	# 82
62) Azobenzene	16.13	77	1201873	40.15	nq	93
64) 4,6-Dinitro-2-methylphenol	15.93	198	229590	35.97	nq	95
65) n-Nitrosodiphenylamine	16.05	169	1040327	42.05	nq	99
66) 4-Bromophenyl-phenylether	16.74	248	435733	39.00	nq	95
67) Hexachlorobenzene	16.86	284	462522	38.08	nq	97
68) Atrazine	17.00	200	423279	38.57	nq	98
69) Pentachlorophenol	17.21	266	284465	36.16	nq	99
70) Phenanthrene	17.61	178	1718571	40.84	nq	99
71) Anthracene	17.69	178	1728635	40.57	nq	98
72) Carbazole	17.97	167	1488520	40.43	nq	98
73) Di-n-butylphthalate	18.51	149	1764930	43.10	nq	99
74) Fluoranthene	19.61	202	2017617	39.07	nq	97
76) Benzidine	19.79	184	1420245	53.47	nq	99
77) Pyrene	19.97	202	2058097	39.53	nq	99
79) Butylbenzylphthalate	20.85	149	874241	42.40	nq	94
80) Benzo(a)anthracene	21.85	228	2111418	40.74	nq	96
81) 3,3'-Dichlorobenzidine	21.76	252	895476	39.36	nq	99
82) Chrysene	21.92	228	1978524	40.69	nq	99
83) Bis(2-ethylhexyl)phthalate	21.72	149	1193309	41.67	nq	99
84) Di-n-octyl phthalate	22.99	149	2034070	42.60	nq	98
85) Indeno(1,2,3-cd)pyrene	29.13	276	2272229	36.65	nq	# 100
87) Benzo(b)fluoranthene	24.17	252	2199858	40.09	nq	# 97
88) Benzo(k)fluoranthene	24.25	252	2073800	39.82	nq	# 96
89) Benzo(a)pyrene	25.09	252	2079686	39.54	nq	# 98
90) Dibenzo(a,h)anthracene	29.19	278	1955156	37.45	nq	# 93
91) Benzo(g,h,i)perylene	30.35	276	1889122	36.13	nq	# 97

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



#1

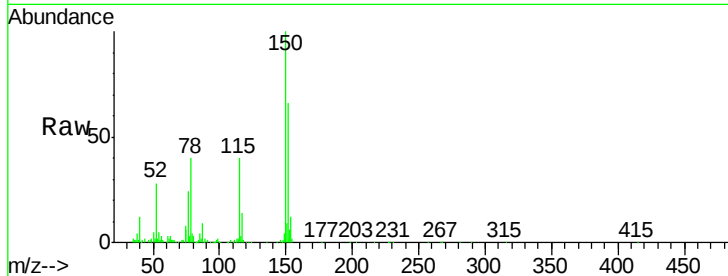
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

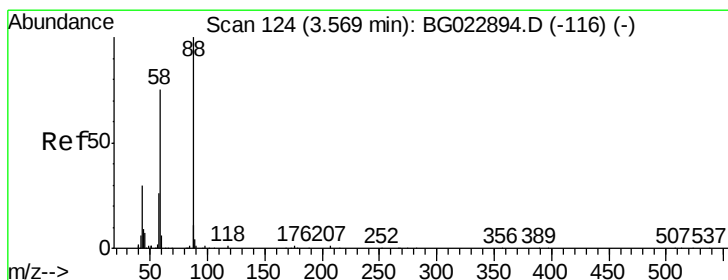
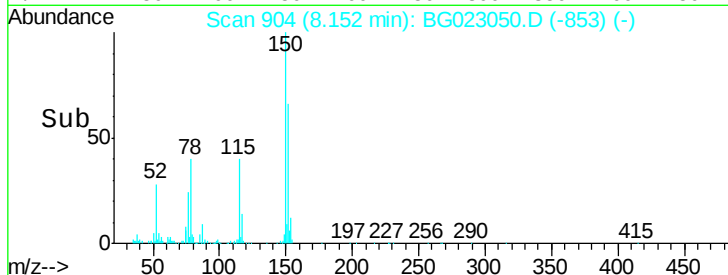
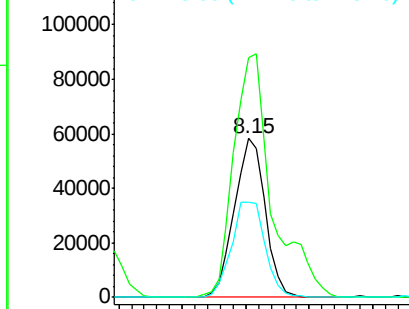
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	144.7	217.1
115	60.1	64.0	96.0

Manual Integrations

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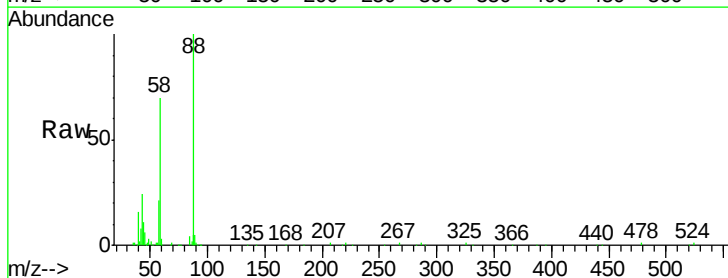
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



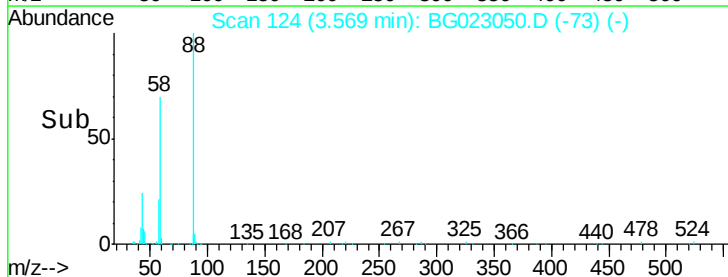
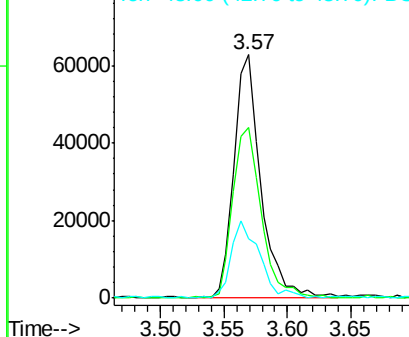
#2

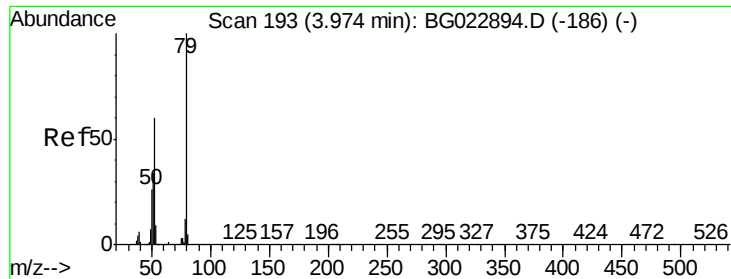
1,4-Dioxane
Concen: 39.64 ng
RT: 3.57 min Scan# 124
Delta R.T. 0.00 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.8	60.4	90.6
43	33.7	31.1	46.7



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.26 ng

RT: 3.97 min Scan# 193

Delta R.T. 0.00 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Instrument :

BNA_G

ClientSampleId :

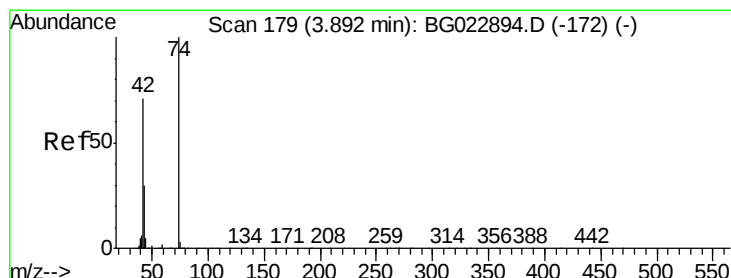
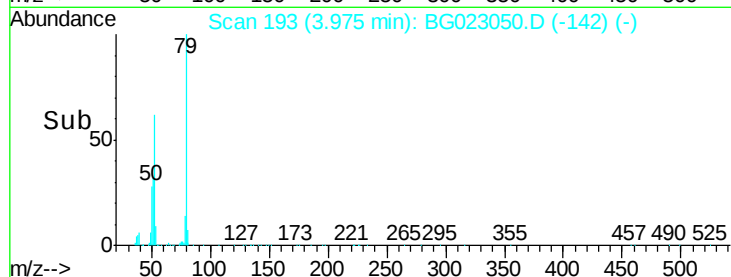
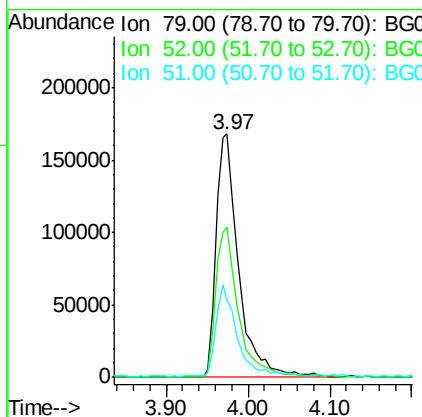
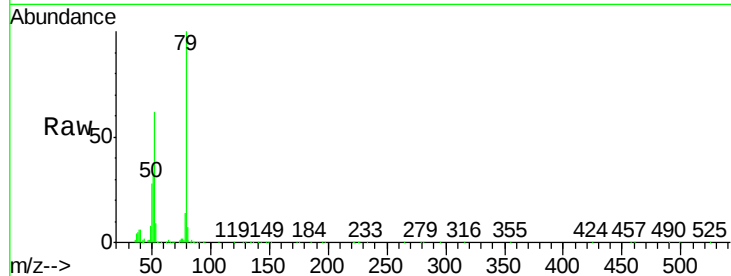
SSTDCCC040

Tot Ion:	79	Resp:	321093
Ion	Ratio	Lower	Upper
79	100		
52	61.9	51.8	77.8
51	31.8	32.7	49.1#

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#4

n-Nitrosodimethylamine

Concen: 41.28 ng

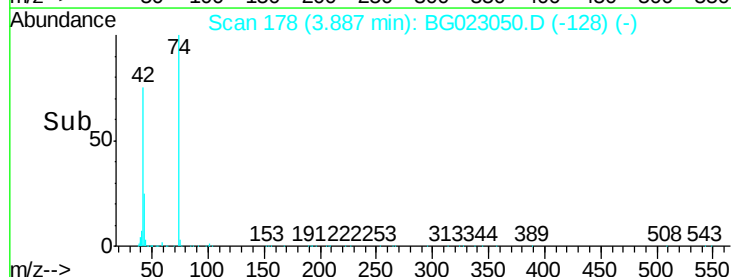
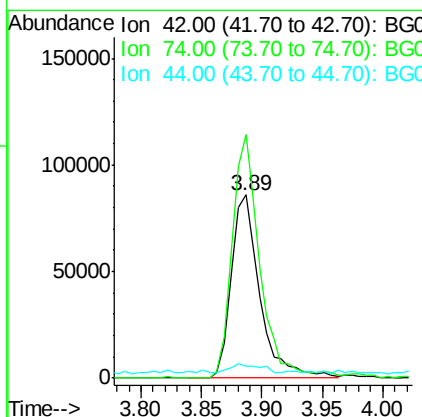
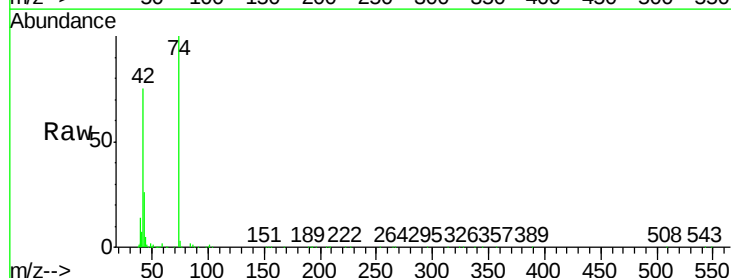
RT: 3.89 min Scan# 178

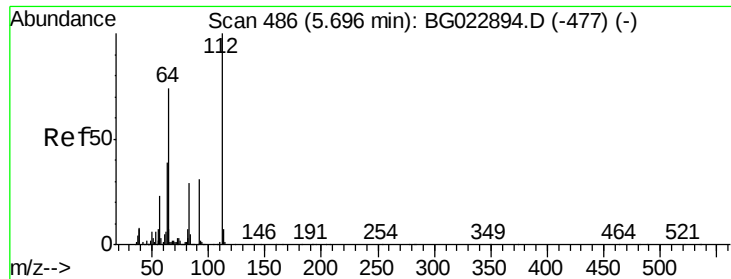
Delta R.T. -0.01 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Tgt Ion:	42	Resp:	141245
Ion	Ratio	Lower	Upper
42	100		
74	133.1	100.6	150.8
44	6.3	4.5	6.7





#5

2-Fluorophenol

Concen: 80.65 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Instrument :

BNA_G

ClientSampleId :

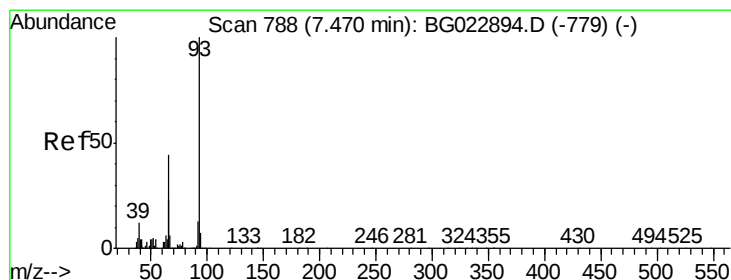
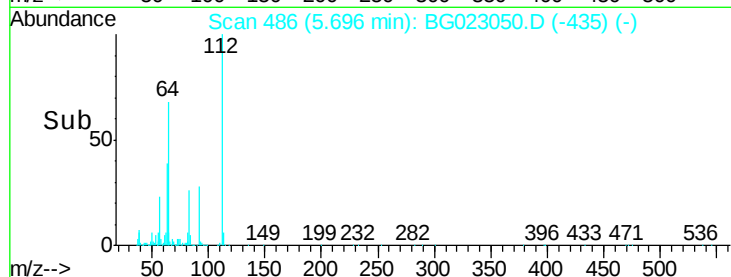
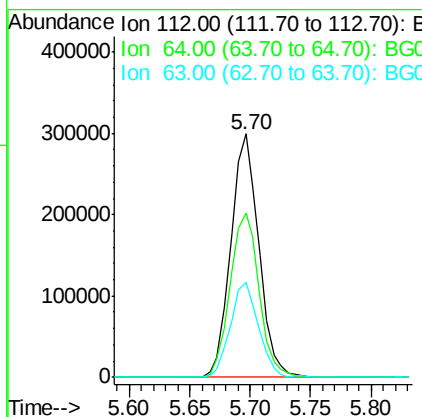
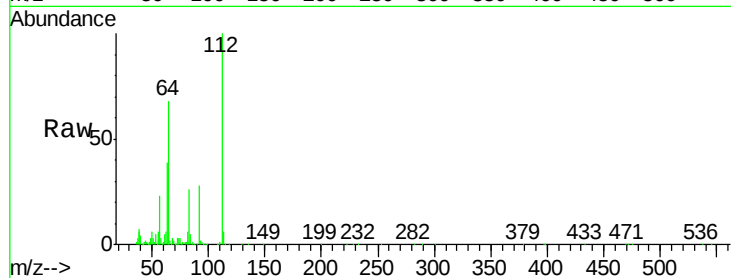
SSTDCCC040

Tot Ion:	112	Resp:	483616
Ion Ratio	Lower	Upper	
112	100		
64	67.6	59.0	88.4
63	39.0	37.8	56.8

Manual Integrations

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#6

Aniline

Concen: 40.45 ng

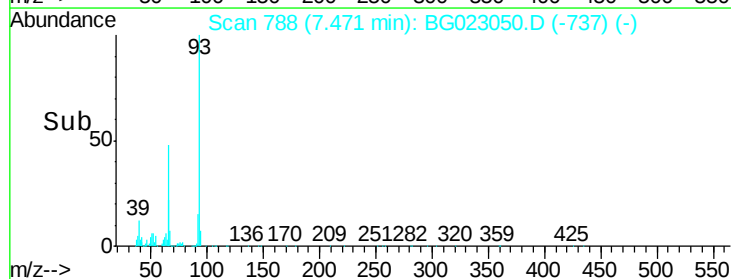
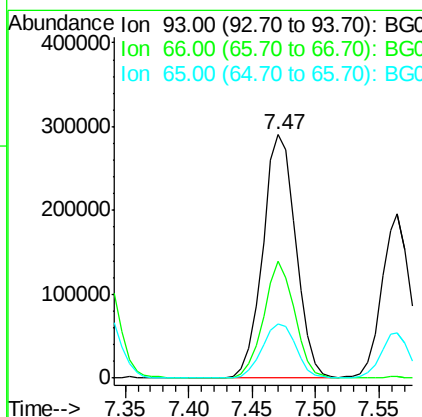
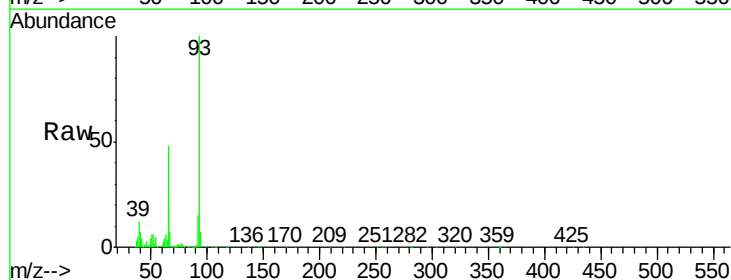
RT: 7.47 min Scan# 788

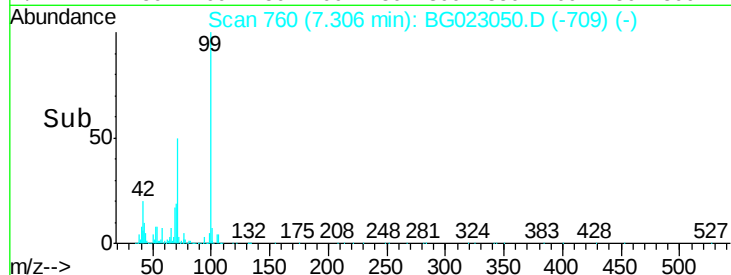
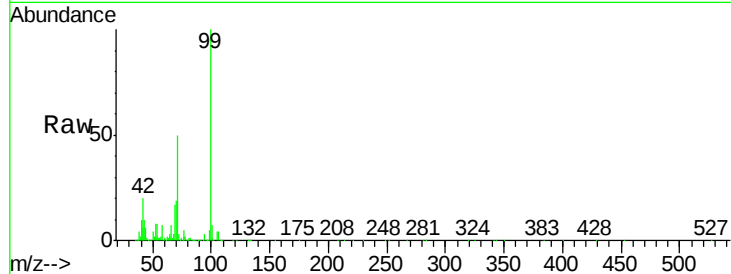
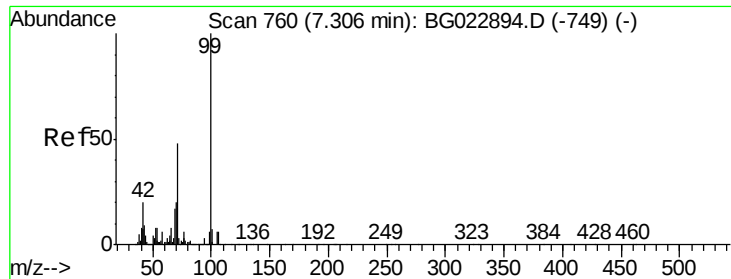
Delta R.T. 0.00 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Tgt Ion:	93	Resp:	526473
Ion Ratio	Lower	Upper	
93	100		
66	48.0	37.5	56.3
65	22.2	17.9	26.9





#7

Phenol-d6

Concen: 85.41 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Tot Ion:	99	Resp:	802105
Ion Ratio	Lower	Upper	
99	100		
42	20.1	17.8	26.6
71	49.9	41.5	62.3

Instrument :

BNA_G

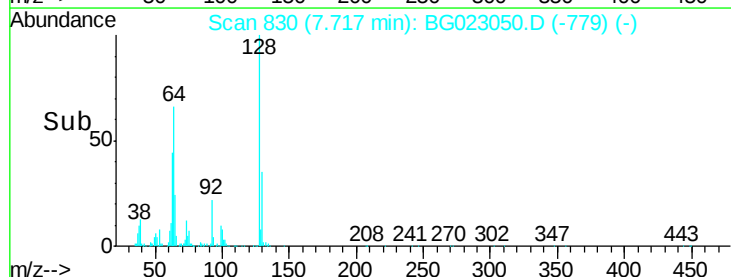
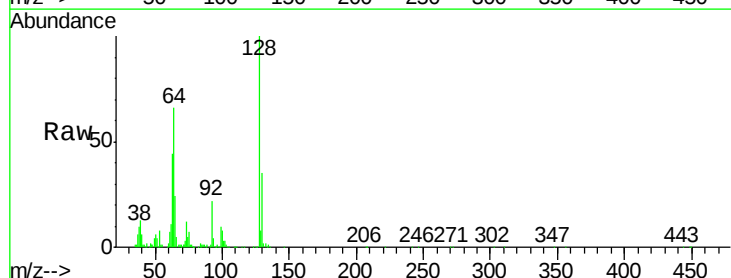
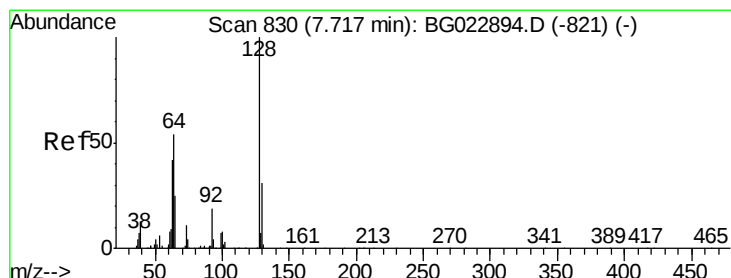
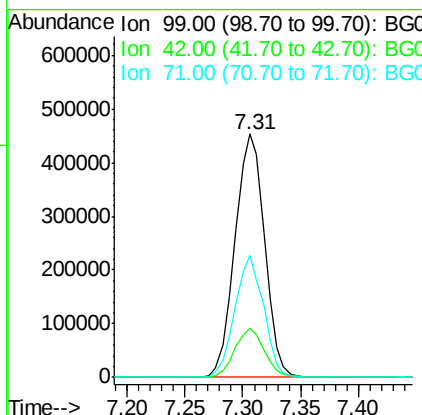
ClientSampleId :

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#8

2-Chlorophenol

Concen: 40.86 ng

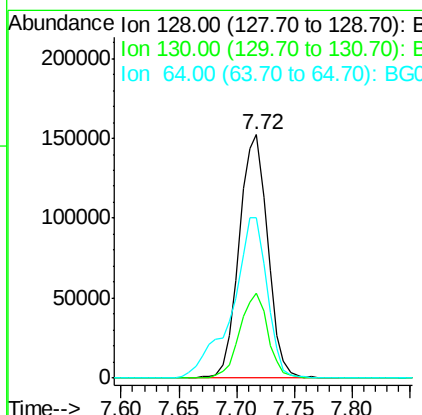
RT: 7.72 min Scan# 830

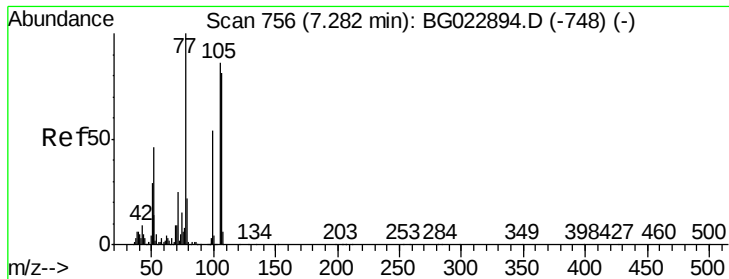
Delta R.T. 0.00 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Tgt Ion:	128	Resp:	260728
Ion Ratio	Lower	Upper	
128	100		
130	34.7	12.9	52.9
64	65.9	42.0	82.0





#9

Benzaldehyde

Concen: 38.80 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 243485

Ion Ratio Lower Upper

77 100

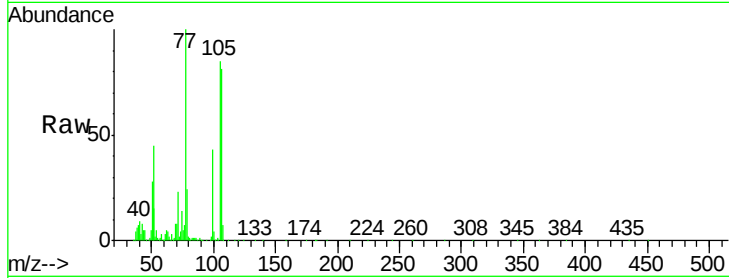
105 85.4 58.7 98.7

106 80.7 67.5 107.5

Manual Integrations

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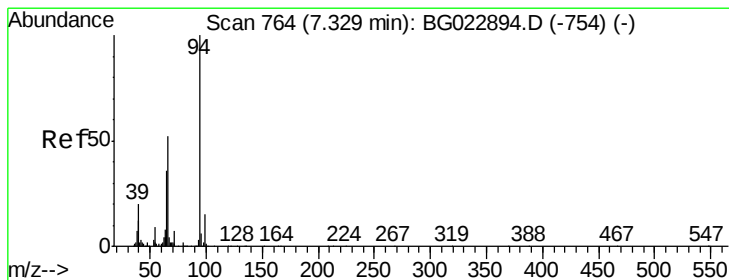
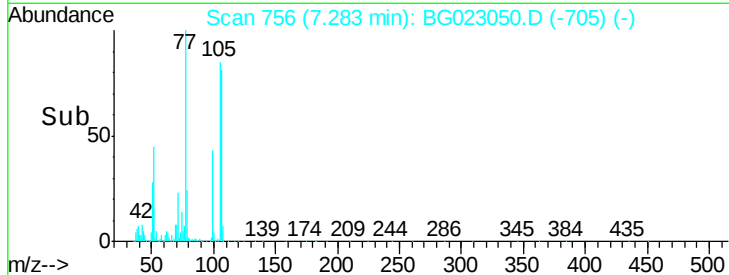
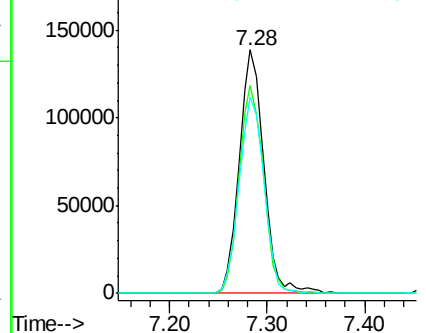
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.15 ng

RT: 7.34 min Scan# 765

Delta R.T. 0.01 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

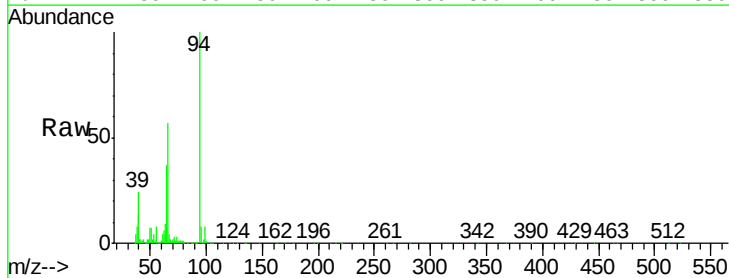
Tgt Ion: 94 Resp: 416989

Ion Ratio Lower Upper

94 100

65 36.6 18.1 58.1

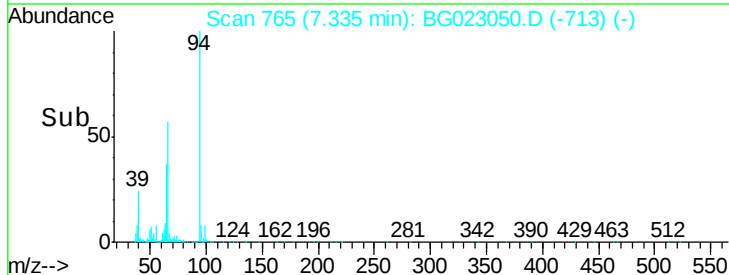
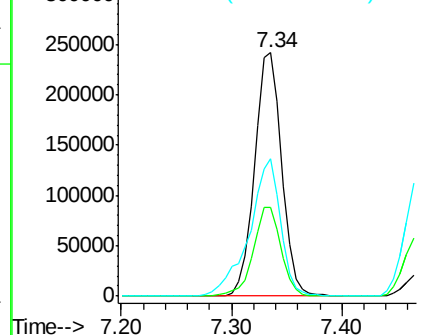
66 56.5 42.1 82.1

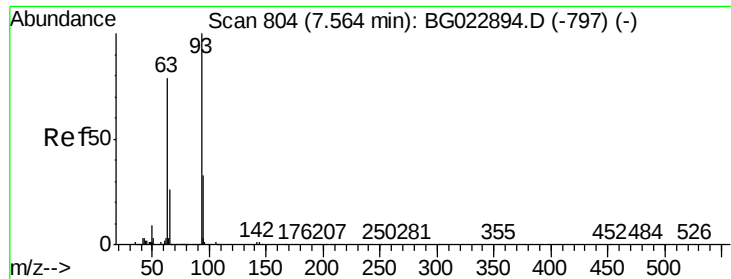


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





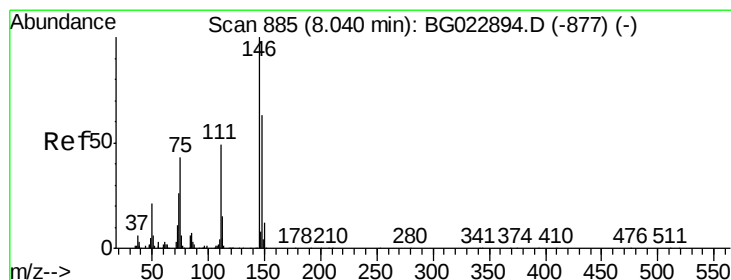
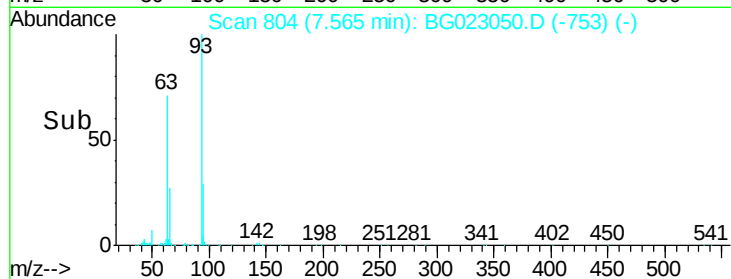
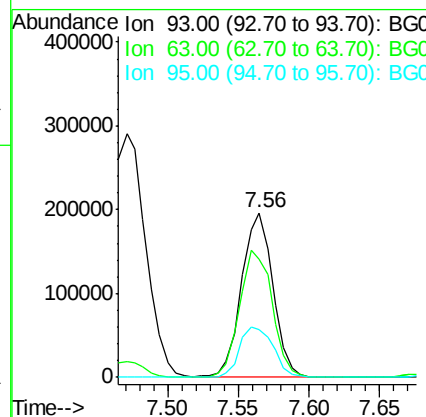
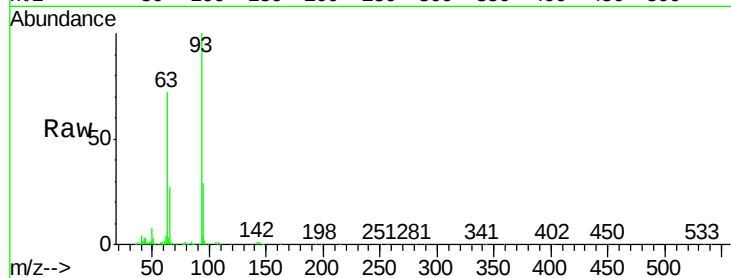
#11
bis(2-Chloroethyl)ether
Concen: 39.69 ng
RT: 7.56 min Scan# 804
Delta R.T. 0.00 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	93	Resp	303999
Ion	Ratio	Lower	Upper
93	100		
63	71.8	55.0	95.0
95	28.7	11.0	51.0

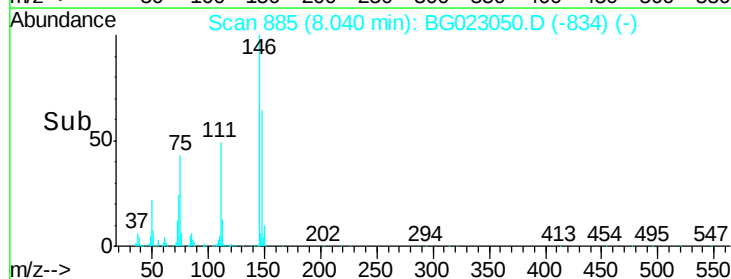
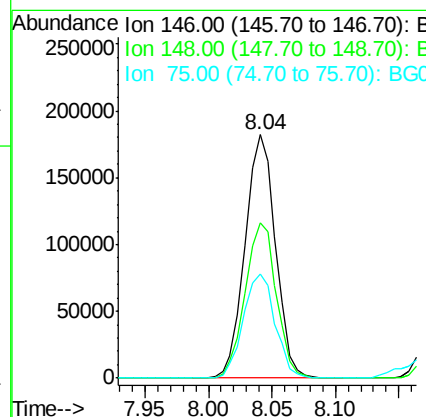
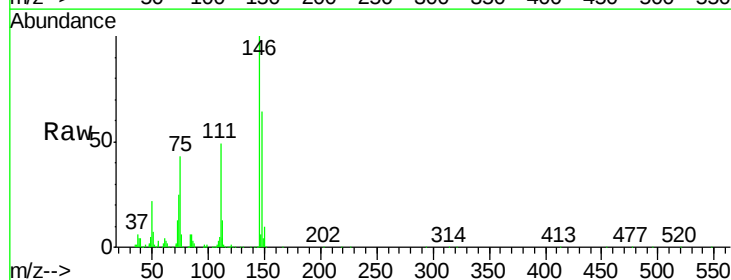
Manual Integrations

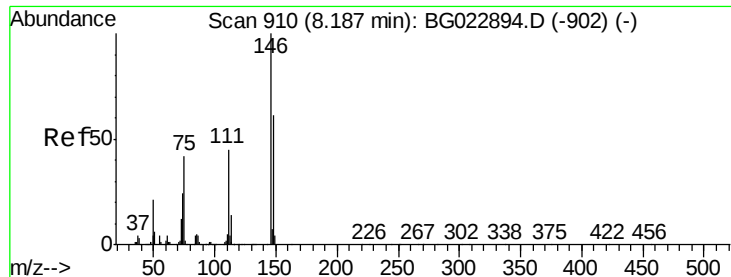
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#12
1,3-Dichlorobenzene
Concen: 38.87 ng
RT: 8.04 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Tgt Ion	146	Resp	303593
Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
75	42.7	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 39.41 ng

RT: 8.19 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Instrument :

BNA_G

ClientSampleId :

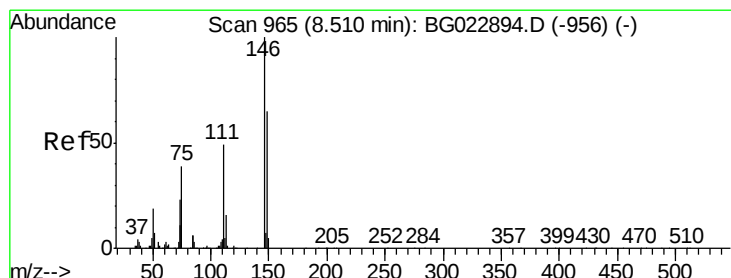
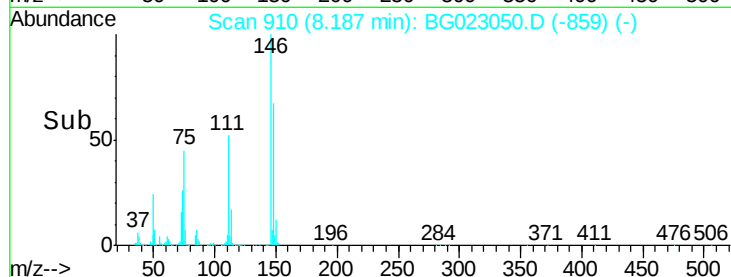
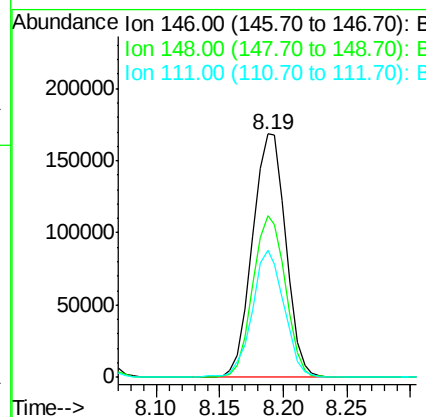
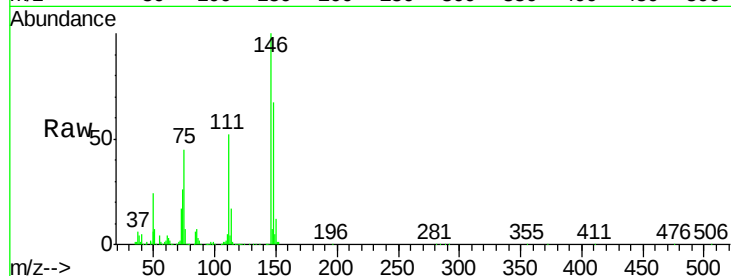
SSTDCCC040

Tot Ion:	146	Resp:	308177
Ion Ratio	Lower	Upper	
146	100		
148	66.6	54.5	81.7
111	52.0	37.8	56.8

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 40.37 ng

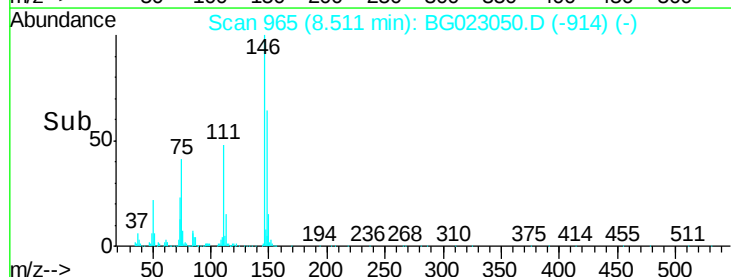
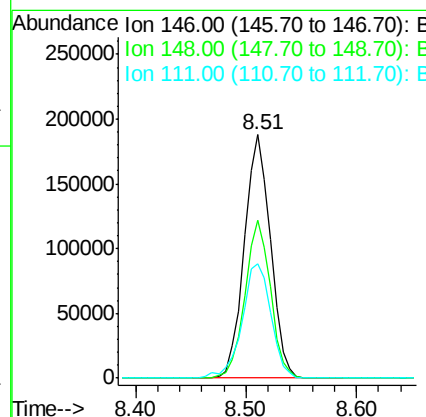
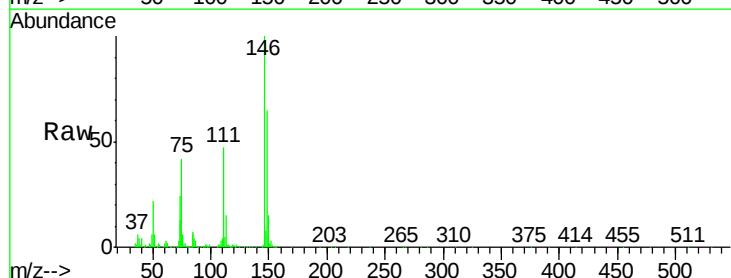
RT: 8.51 min Scan# 965

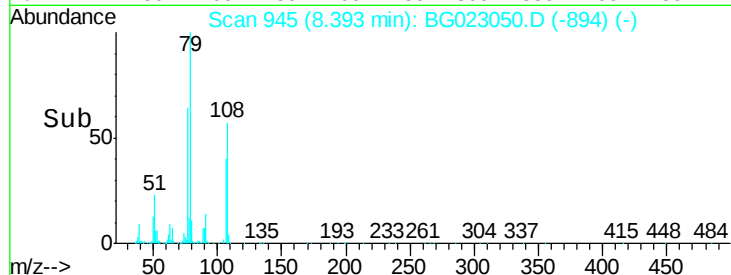
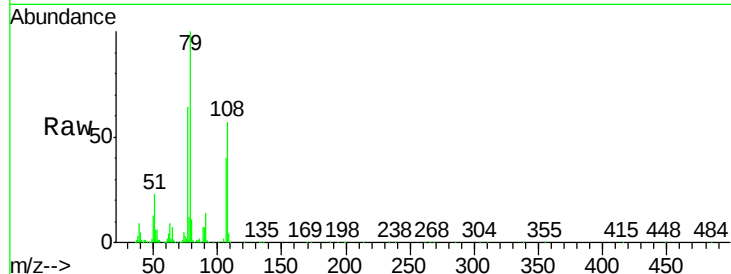
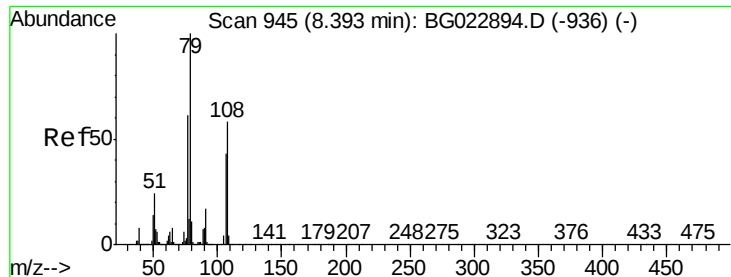
Delta R.T. 0.00 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Tgt Ion:	146	Resp:	313822
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.9	79.3
111	47.1	43.5	65.3





#15

Benzyl Alcohol

Concen: 42.38 ng

RT: 8.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Tot Ion:	79	Resp:	364514
Ion	Ratio	Lower	Upper
79	100		
108	57.3	46.5	69.7
77	64.2	52.3	78.5

Instrument :

BNA_G

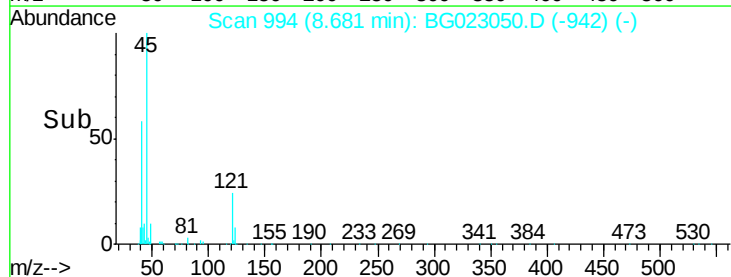
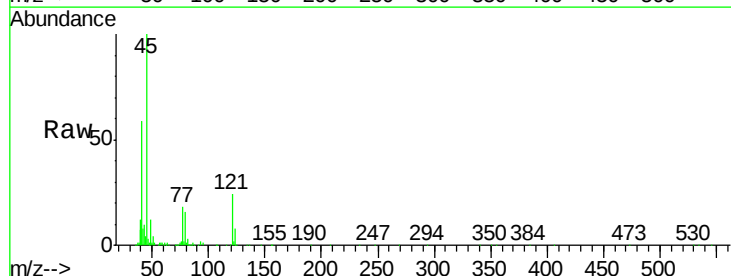
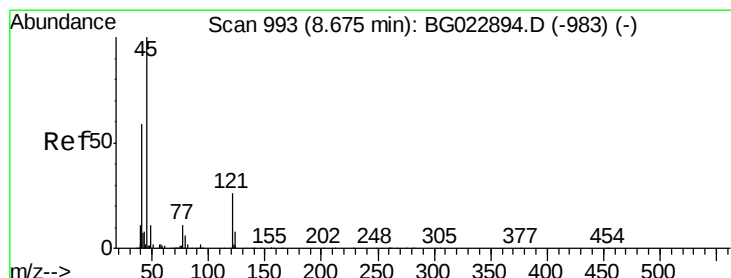
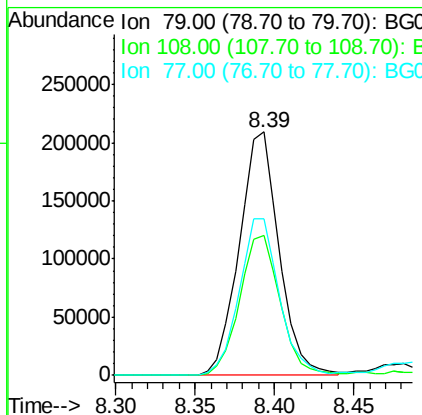
ClientSampleId :

SSTDCCC040

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.32 ng

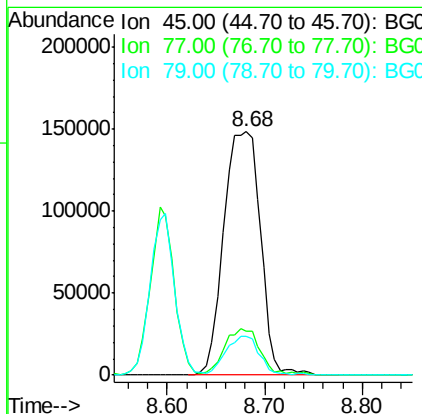
RT: 8.68 min Scan# 994

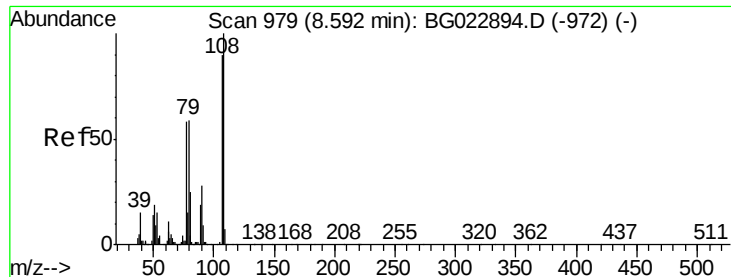
Delta R.T. 0.01 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Tgt Ion:	45	Resp:	386585
Ion	Ratio	Lower	Upper
45	100		
77	18.1	0.6	40.6
79	15.9	0.0	36.2





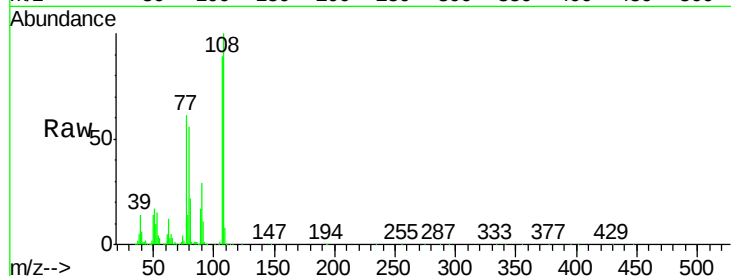
#17
2-Methylphenol
Concen: 42.26 ng
RT: 8.59 min Scan# 979
Delta R.T. 0.00 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	107	Resp	265804
Ion Ratio	Lower	Upper	
107	100		
108	113.0	92.0	138.0
77	68.5	55.8	83.6
79	63.2	55.0	82.6

Manual Integrations

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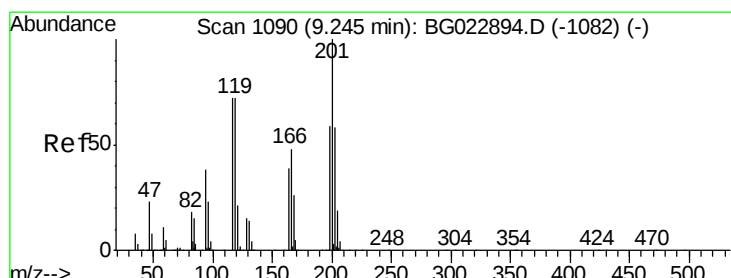
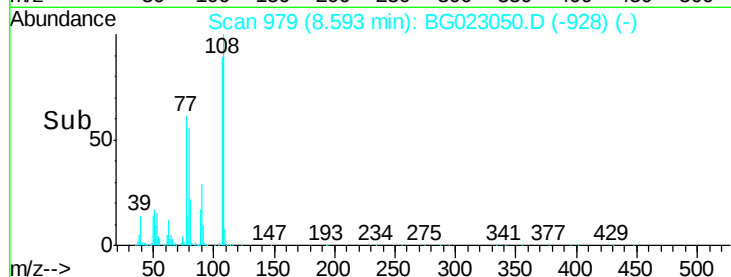
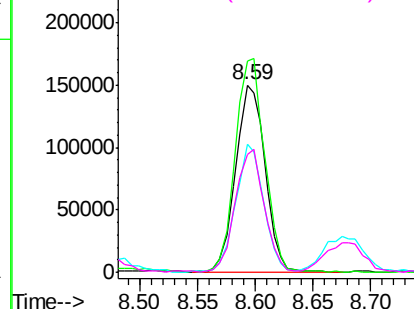
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

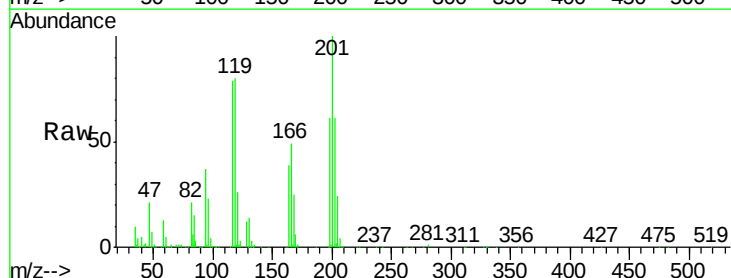
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 40.13 ng
RT: 9.24 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Tgt Ion	117	Resp	132479
Ion Ratio	Lower	Upper	
117	100		
119	101.3	73.7	110.5
201	127.0	88.7	133.1

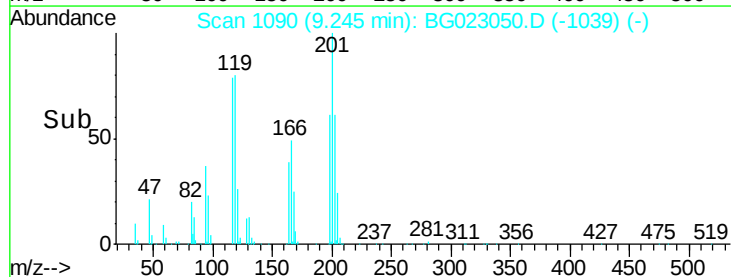
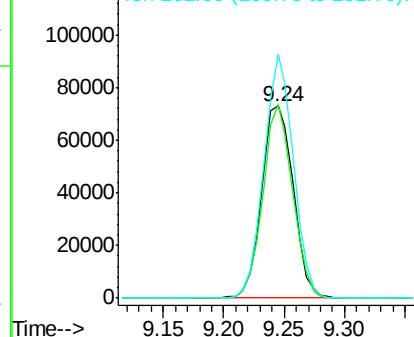


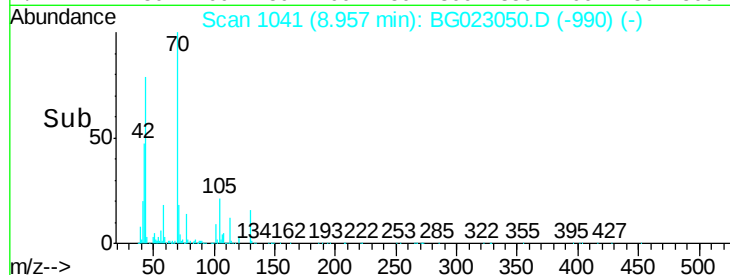
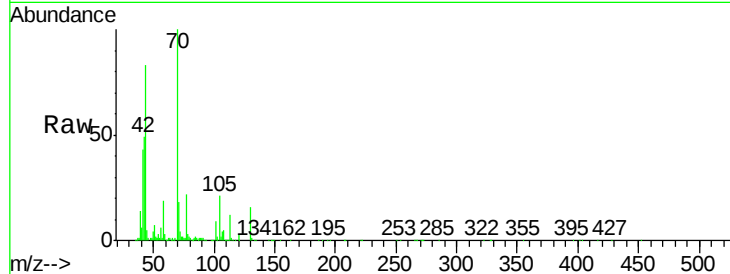
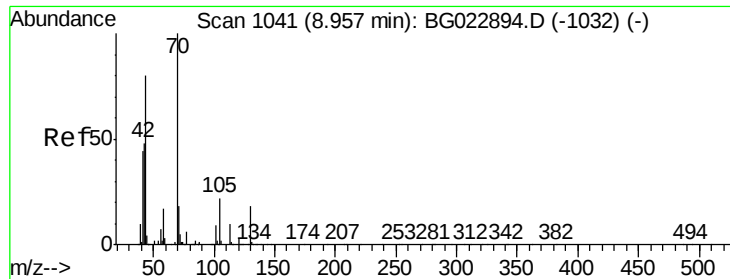
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

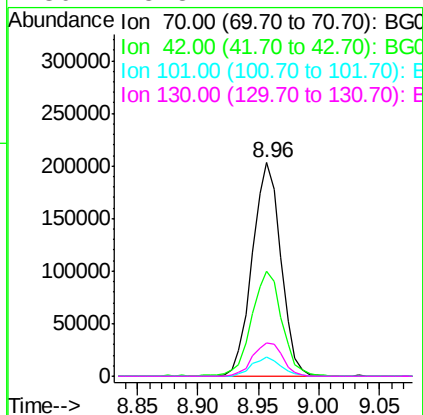
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 39.76 ng
RT: 8.96 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

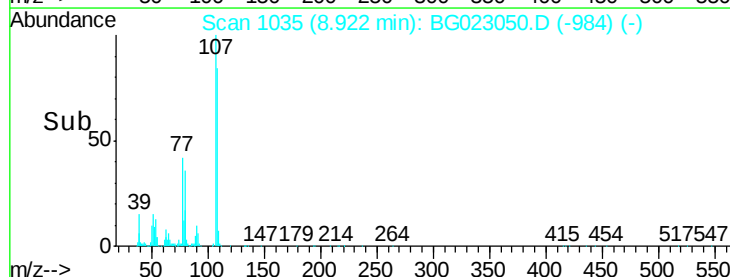
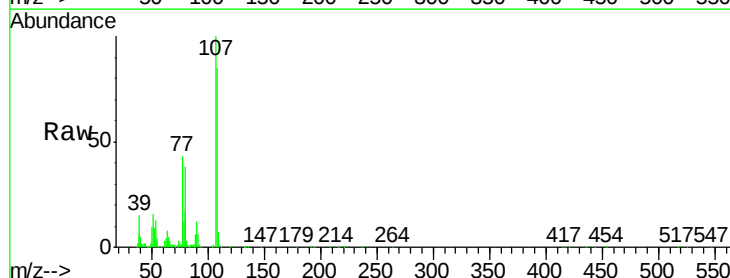
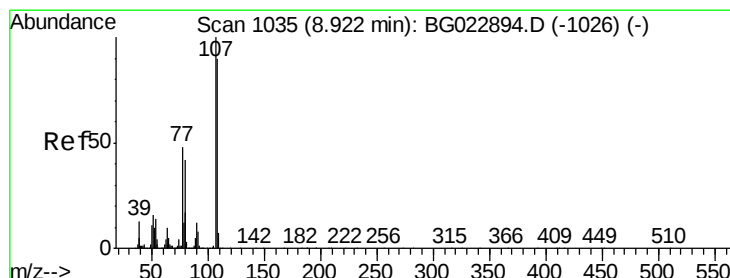
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.0	42.1	63.1	
101	9.2	7.2	10.8	
130	15.8	14.2	21.2	



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

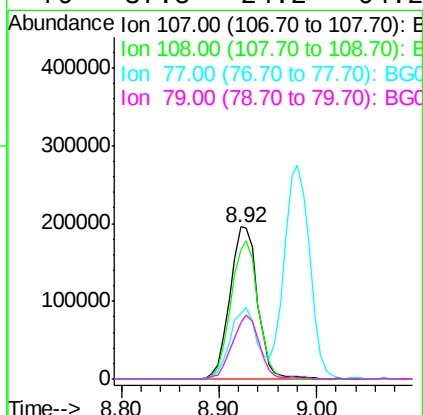
Manual Integrations

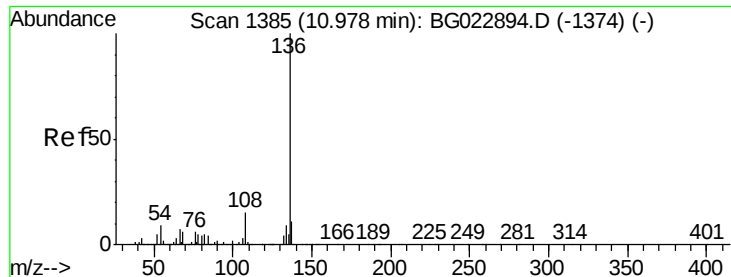
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#20
3+4-Methylphenols
Concen: 43.69 ng
RT: 8.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.4	72.5	112.5	
77	42.7	30.1	70.1	
79	37.5	24.2	64.2	





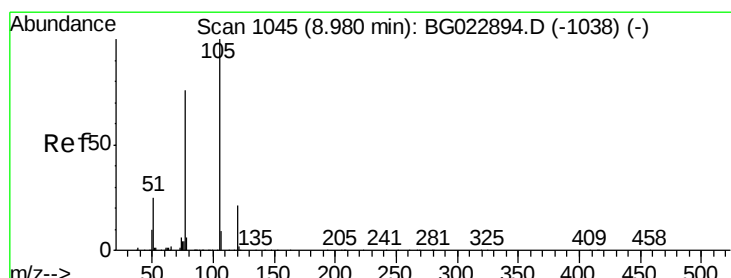
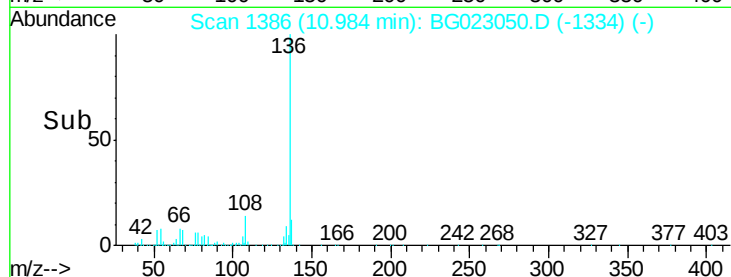
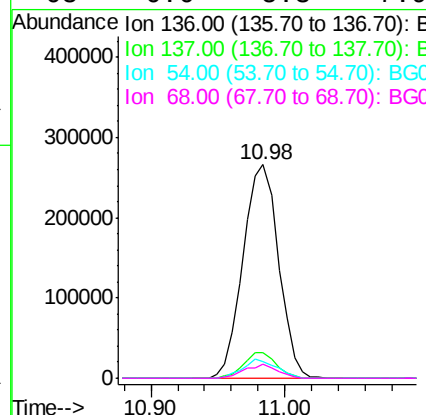
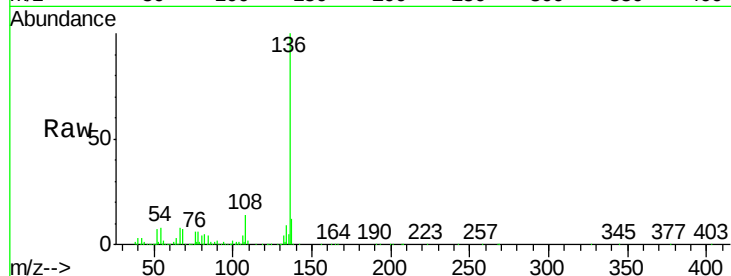
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	7.6	7.3	10.9
68	6.6	5.3	7.9

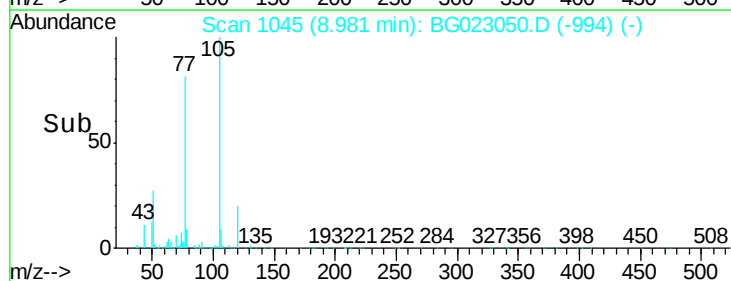
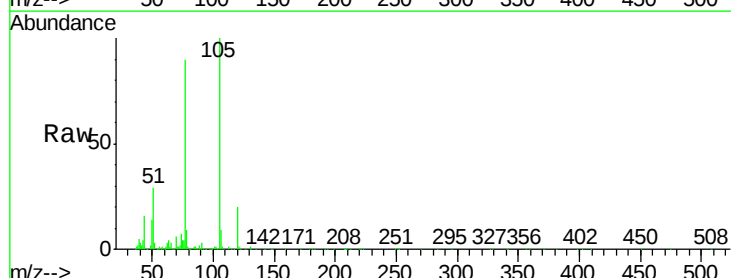
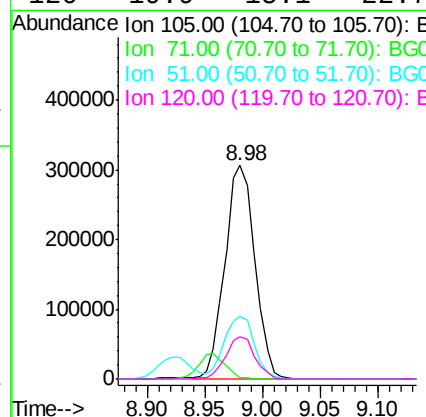
Manual Integrations

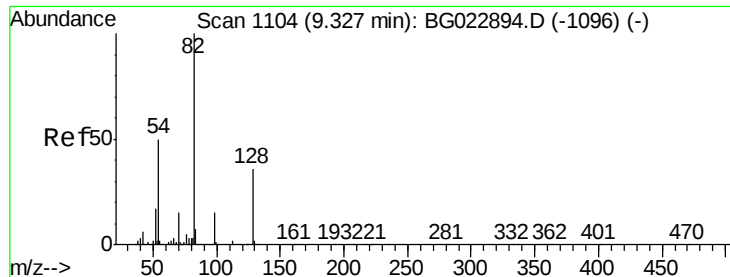
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#22
Acetophenone
Concen: 37.48 ng
RT: 8.98 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.9	2.6	3.8#
51	29.1	27.1	40.7
120	19.9	15.1	22.7





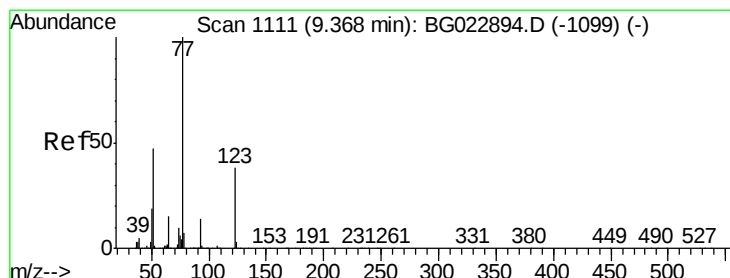
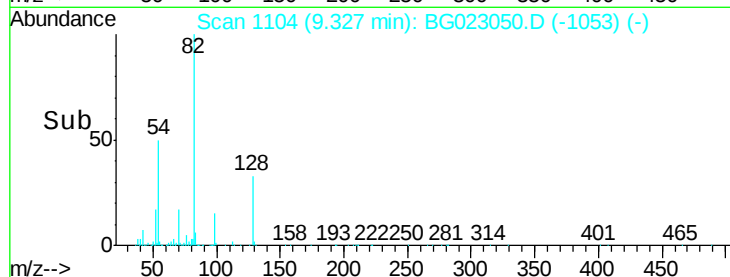
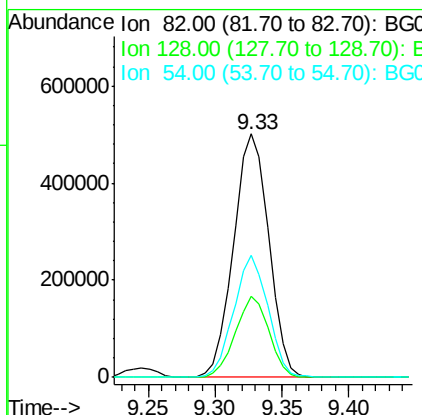
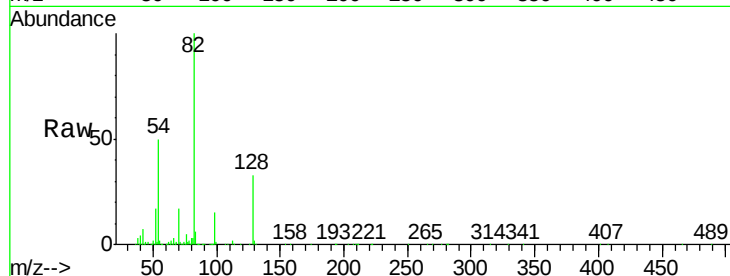
#23
 Nitrobenzene-d5
 Concen: 80.07 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: BG023050.D
 Acq: 13 Jul 2016 00:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	916186
Ion Ratio	Lower	Upper	
82	100		
128	33.5	24.4	36.6
54	50.0	41.4	62.0

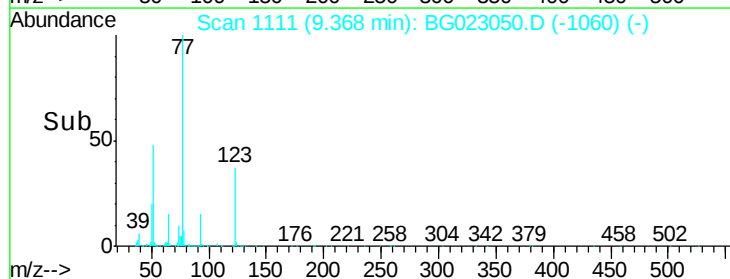
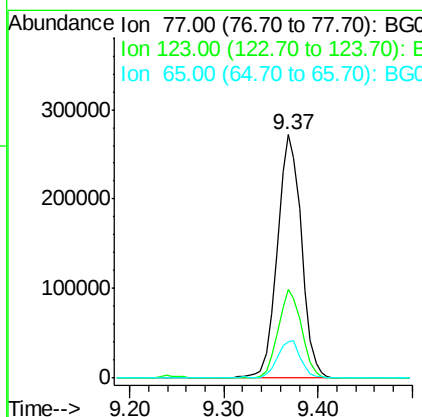
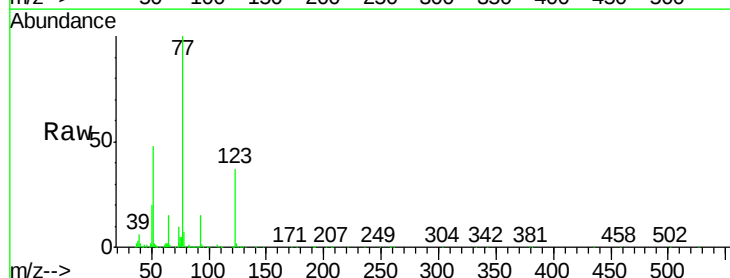
Manual Integrations

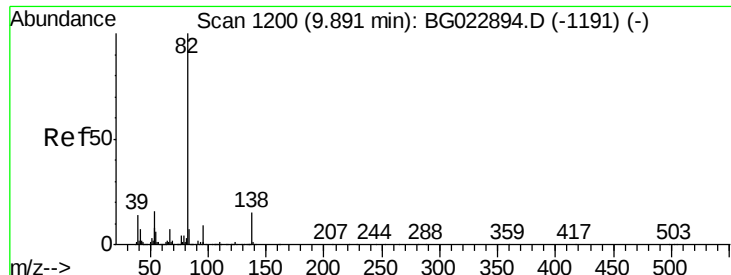
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#24
 Nitrobenzene
 Concen: 39.49 ng
 RT: 9.37 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BG023050.D
 Acq: 13 Jul 2016 00:47

Tgt Ion	77	Resp	480114
Ion Ratio	Lower	Upper	
77	100		
123	36.6	25.0	37.6
65	14.7	13.4	20.0





#25

Isophorone

Concen: 37.72 ng

RT: 9.89 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Instrument :

BNA_G

ClientSampleId :

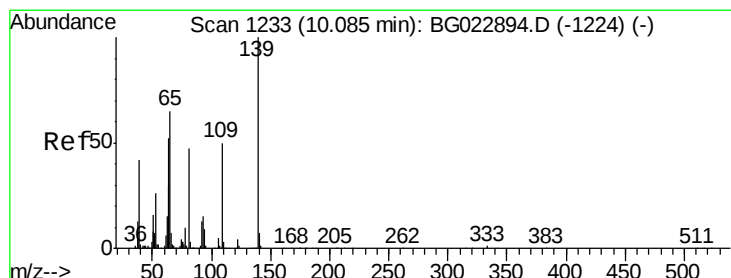
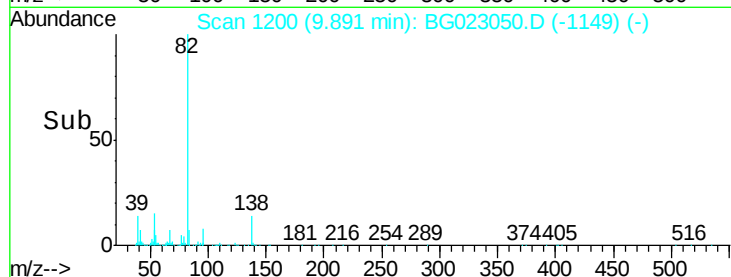
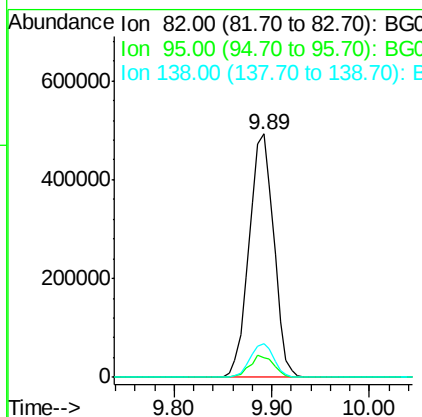
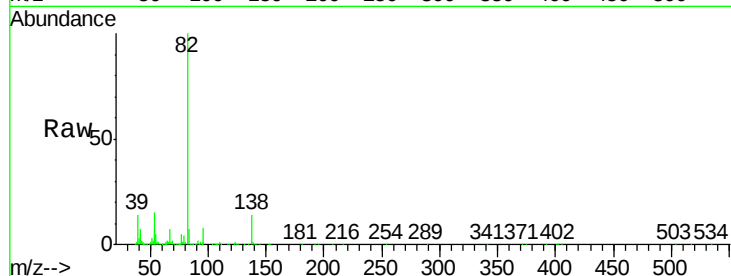
SSTDCCC040

Tot Ion:	82	Resp:	868113
Ion Ratio	Lower	Upper	
82	100		
95	8.1	8.2	12.2#
138	13.6	10.7	16.1

Manual Integrations

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#26

2-Nitrophenol

Concen: 39.91 ng

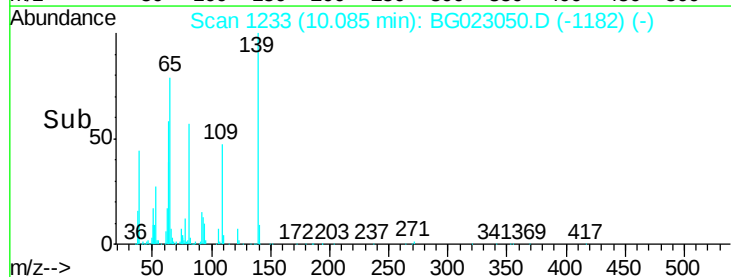
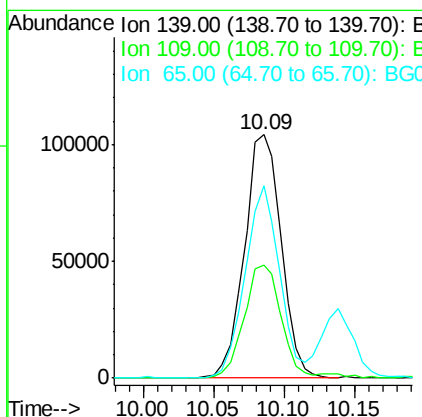
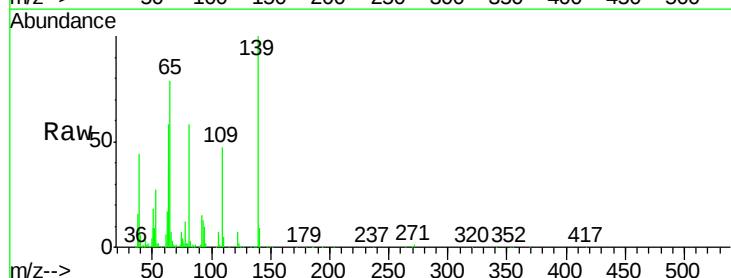
RT: 10.09 min Scan# 1233

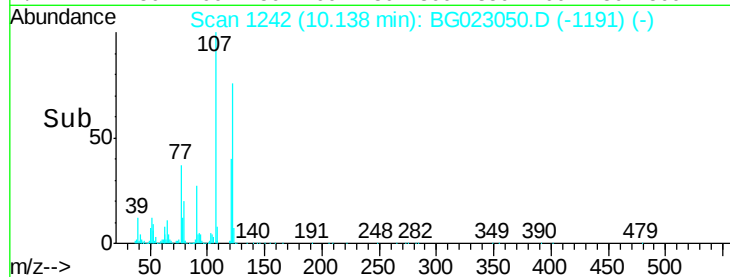
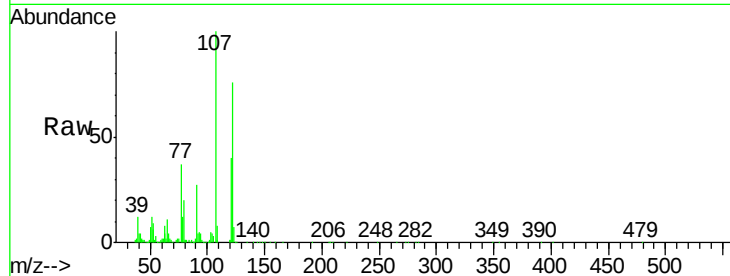
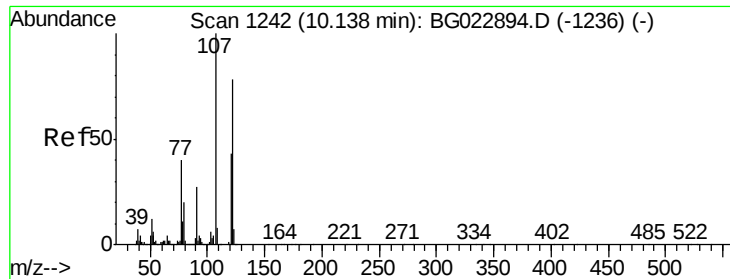
Delta R.T. 0.00 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Tgt Ion:	139	Resp:	190399
Ion Ratio	Lower	Upper	
139	100		
109	46.6	43.5	65.3
65	79.2	64.3	96.5





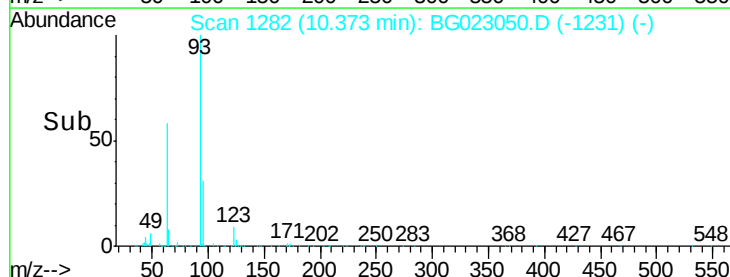
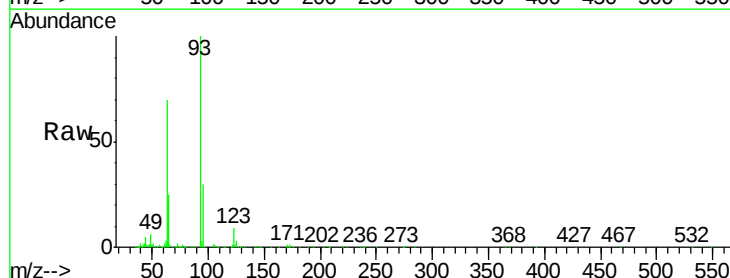
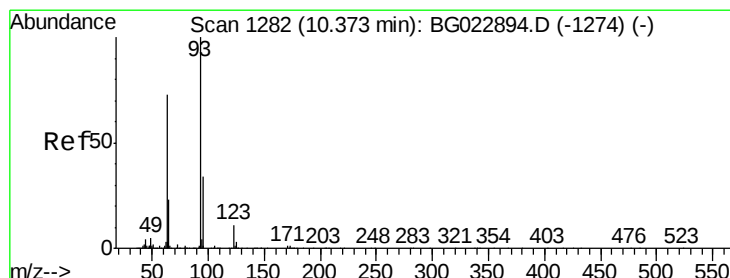
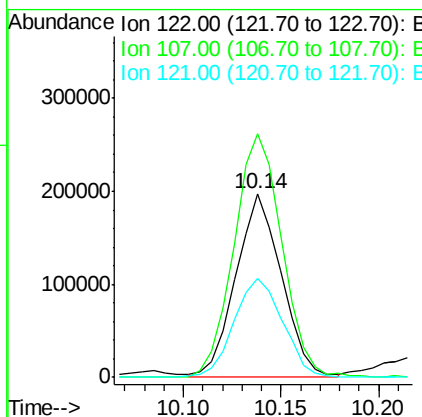
#27
2,4-Dimethylphenol
Concen: 38.46 ng
RT: 10.14 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Tot Ion	Ratio	Lower	Upper
122	100		
107	132.4	117.0	175.4
121	53.6	50.1	75.1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

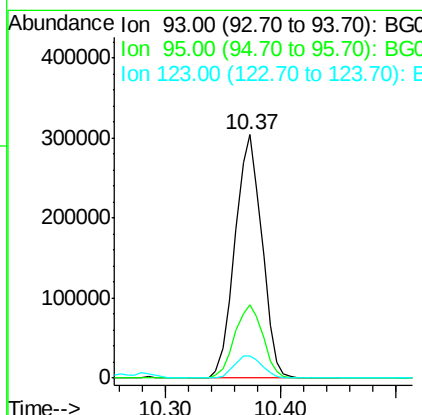
Manual Integrations

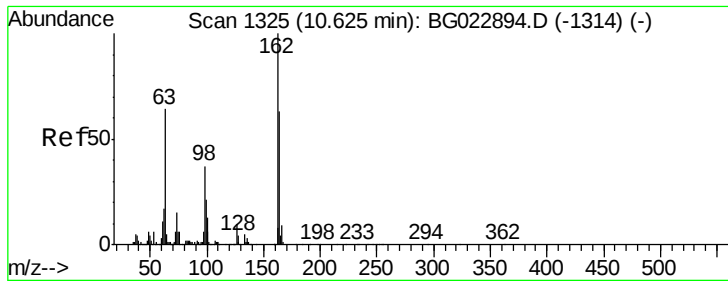
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#28
bis(2-Chloroethoxy)methane
Concen: 38.13 ng
RT: 10.37 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.2	25.4	38.2
123	9.2	8.2	12.2





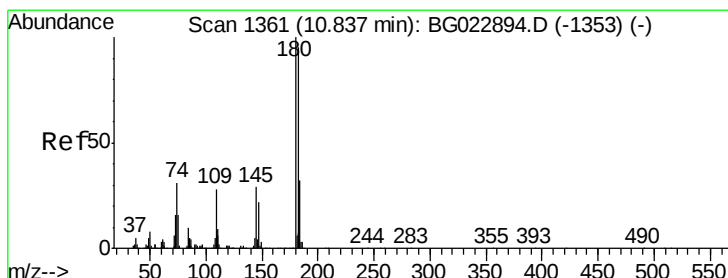
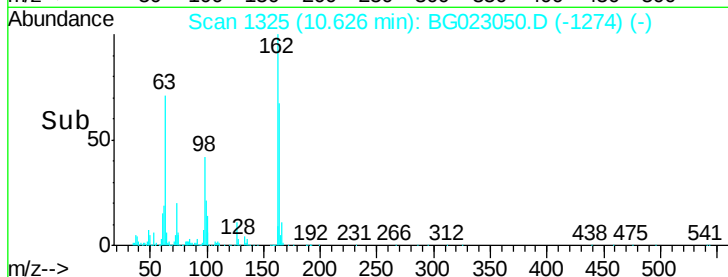
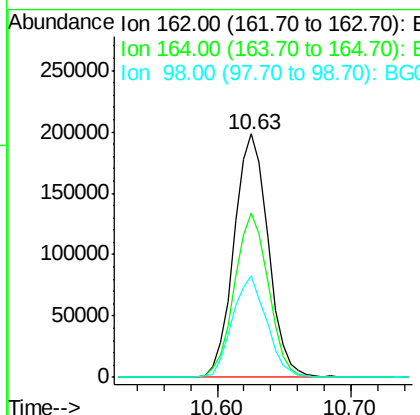
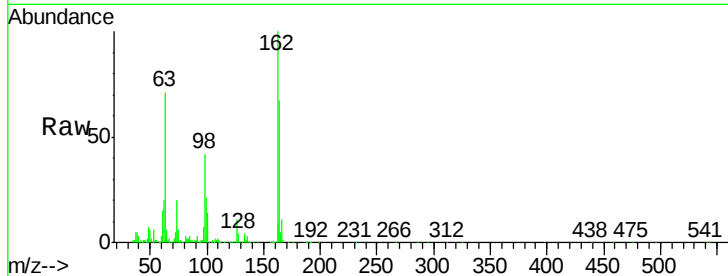
#29
2,4-Dichlorophenol
Concen: 39.99 ng
RT: 10.63 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.3	44.3	84.3
98	41.8	19.5	59.5

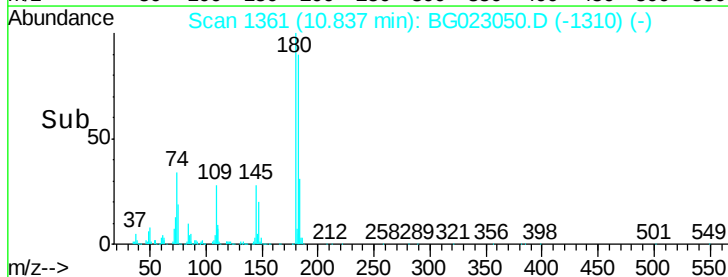
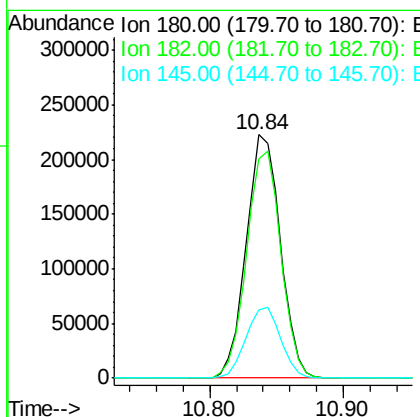
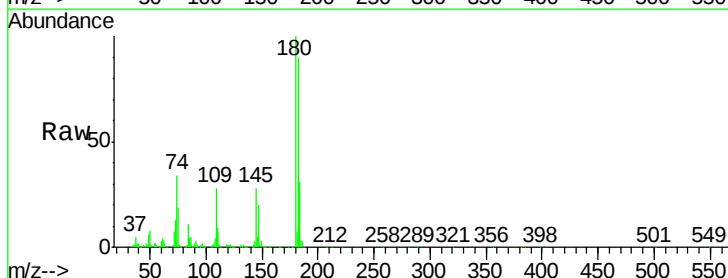
Manual Integrations

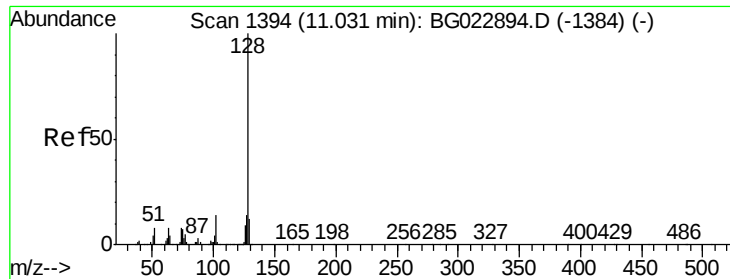
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#30
1,2,4-Trichlorobenzene
Concen: 38.95 ng
RT: 10.84 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.9	73.8	110.8
145	28.3	24.4	36.6





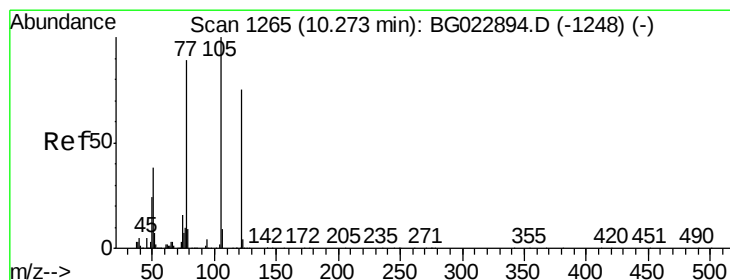
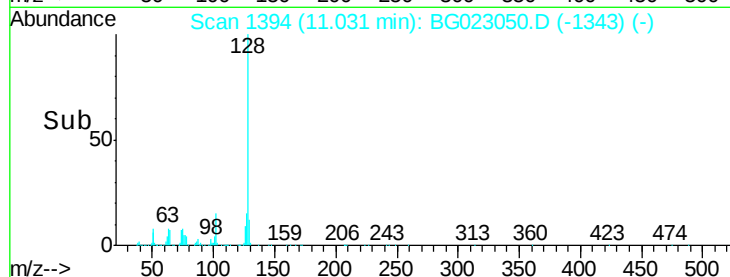
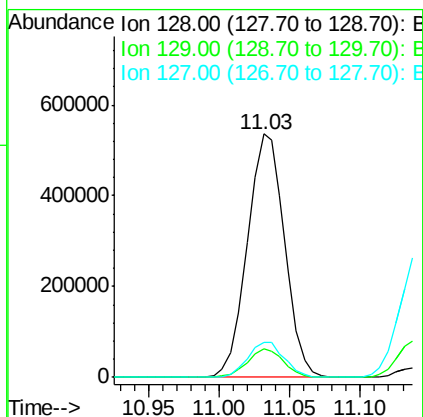
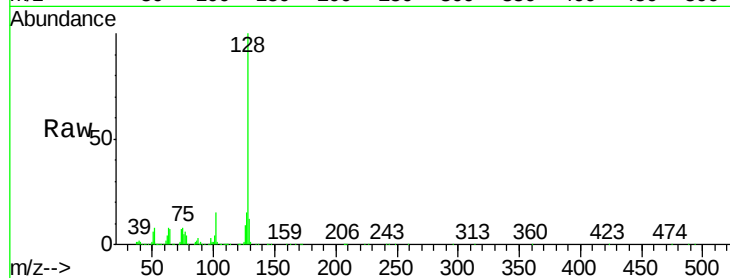
#31
Naphthalene
Concen: 39.68 ng
RT: 11.03 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.0
127	14.6	11.3	16.9

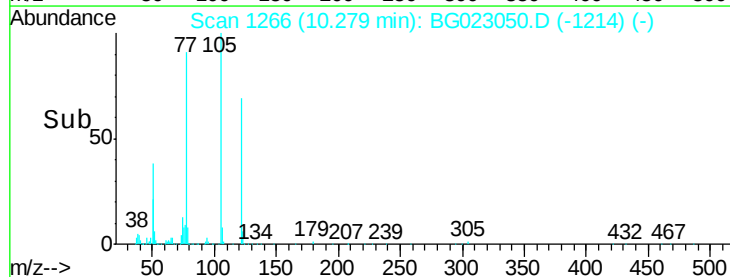
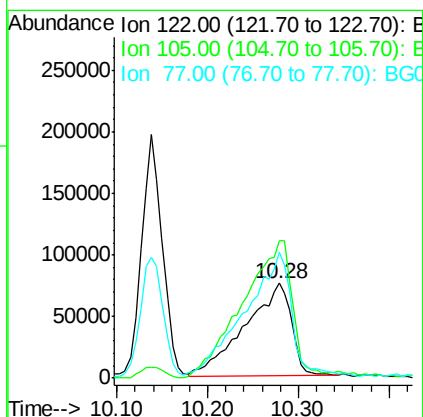
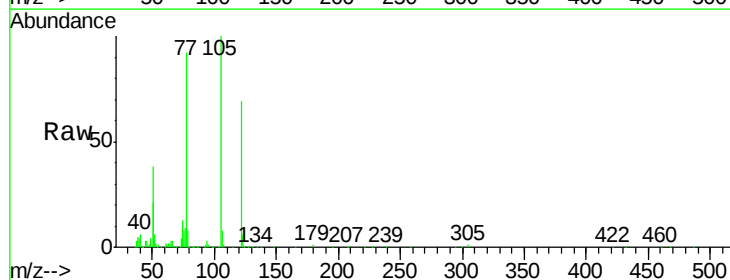
Manual Integrations

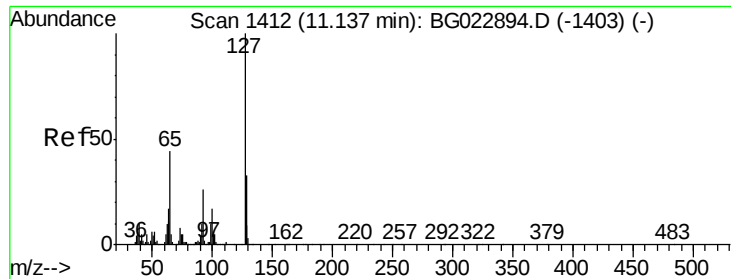
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#32
Benzoic acid
Concen: 36.02 ng
RT: 10.28 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	144.9	117.2	157.2
77	133.0	109.2	149.2





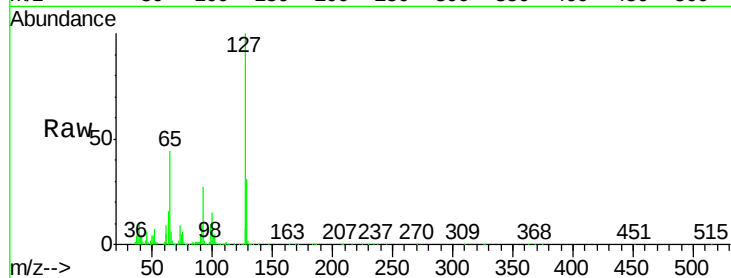
#33
4-Chloroaniline
Concen: 39.57 ng
RT: 11.14 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

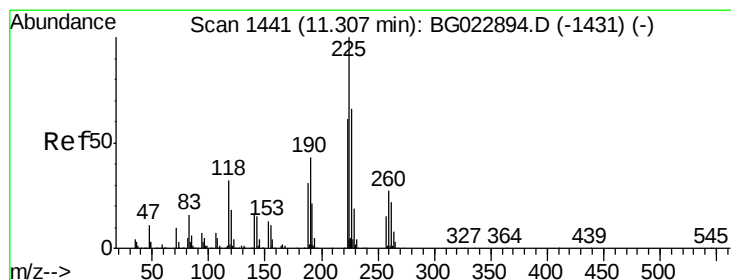
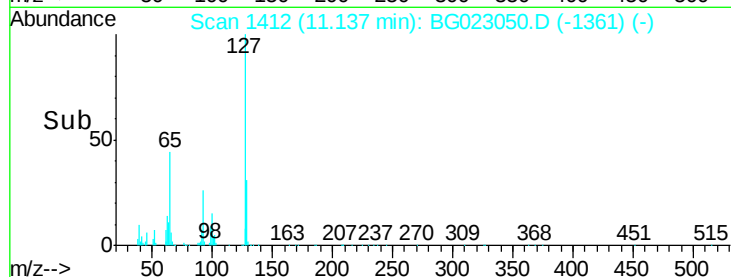
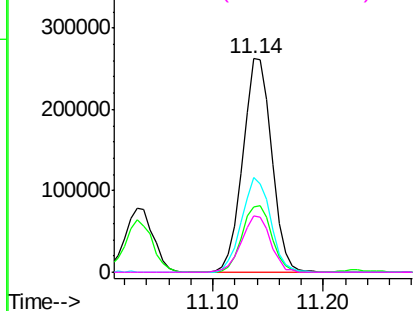
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.7		27.9	41.9	
65	44.3		36.8	55.2	
92	26.6		21.0	31.6	

Manual Integrations

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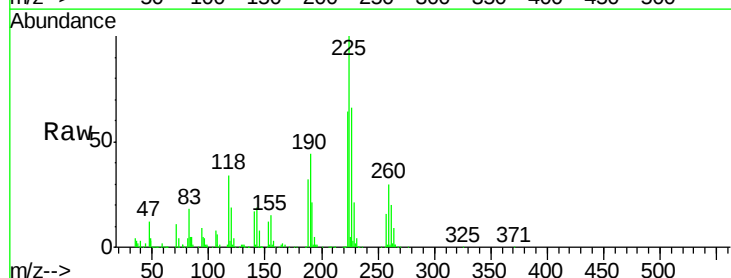


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

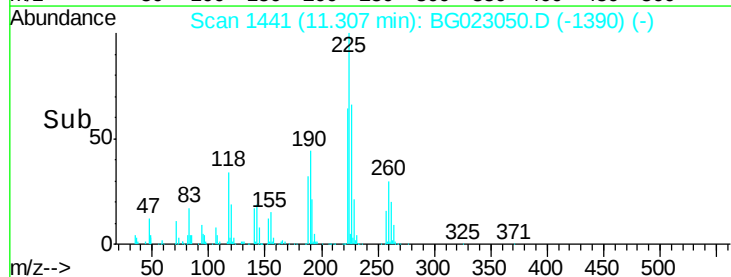
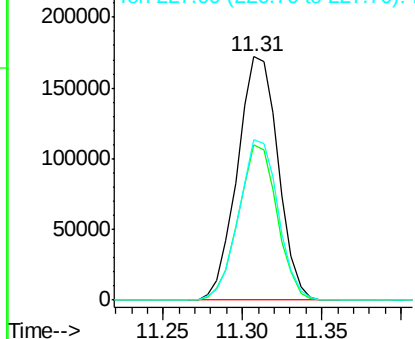


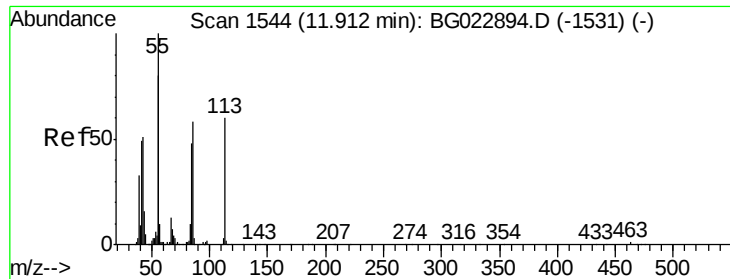
#34
Hexachlorobutadiene
Concen: 37.49 ng
RT: 11.31 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6		49.6	74.4	
227	66.0		54.5	81.7	



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





#35

Caprolactam

Concen: 35.42 ng

RT: 11.92 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 128171

Ion Ratio Lower Upper

113 100

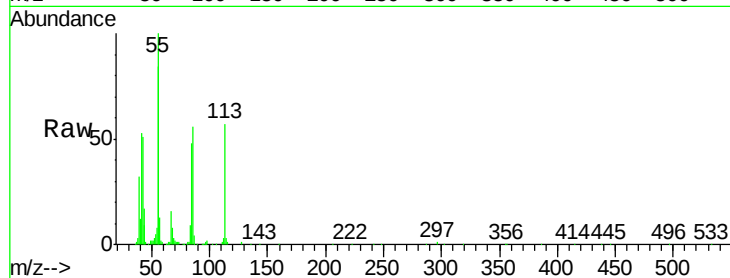
55 174.0 154.5 194.5

56 146.9 125.1 165.1

Manual Integrations

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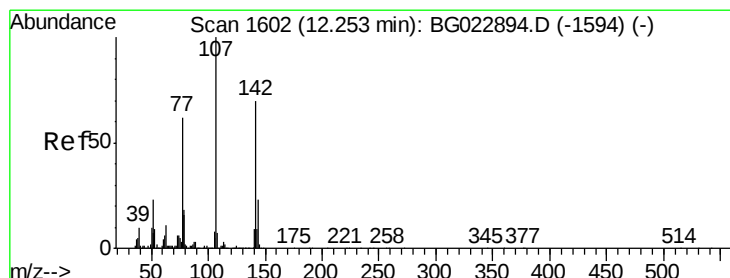
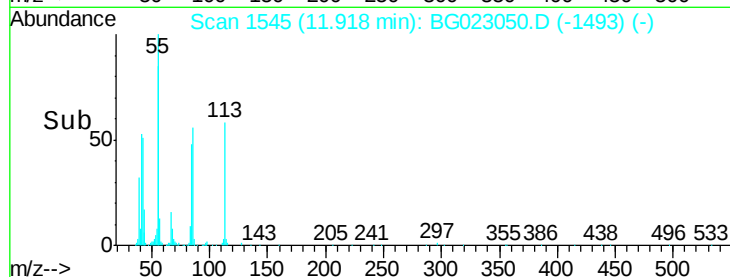
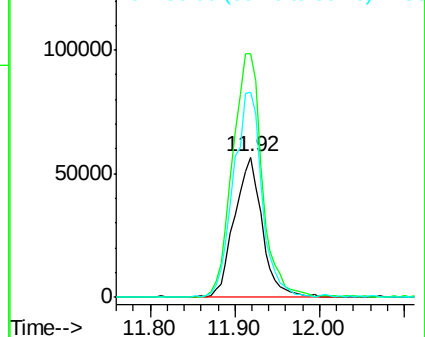
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.52 ng

RT: 12.26 min Scan# 1603

Delta R.T. 0.01 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

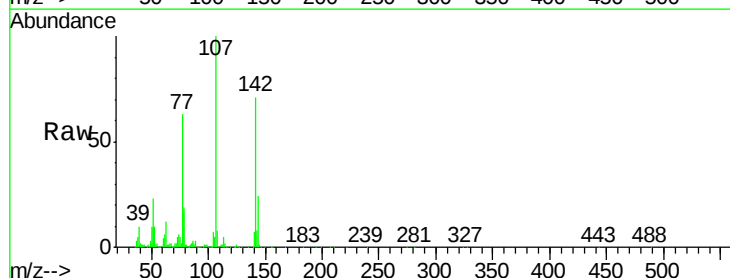
Tgt Ion:107 Resp: 475502

Ion Ratio Lower Upper

107 100

144 23.5 17.0 25.6

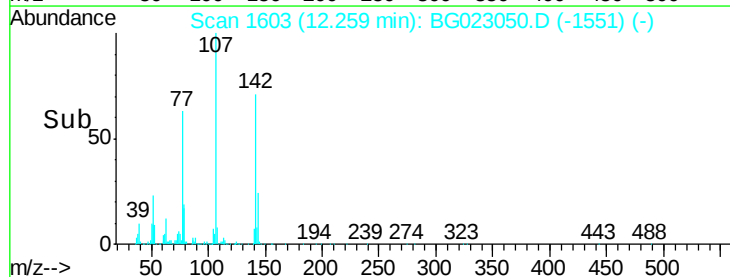
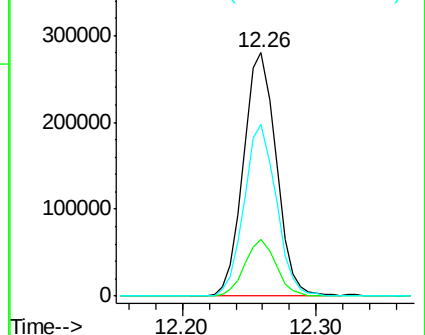
142 70.6 53.0 79.6

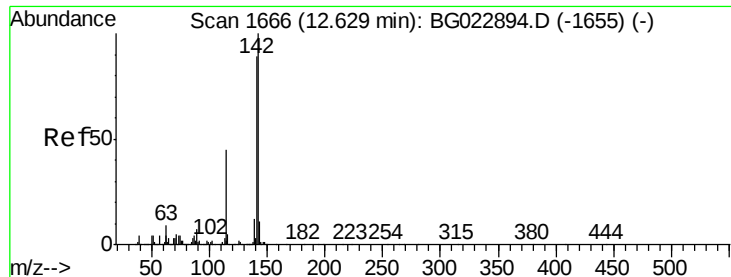


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.82 ng

RT: 12.63 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:142 Resp: 785019

Ion Ratio Lower Upper

142 100

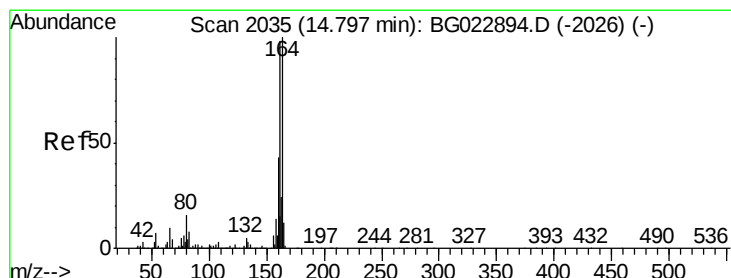
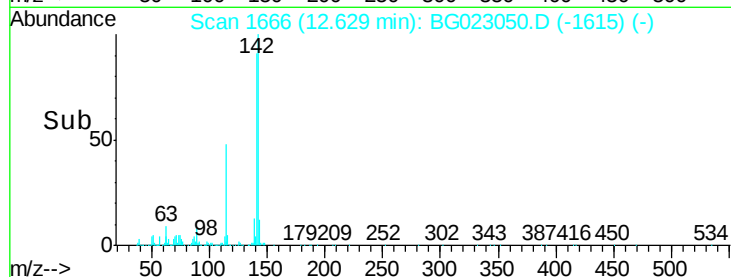
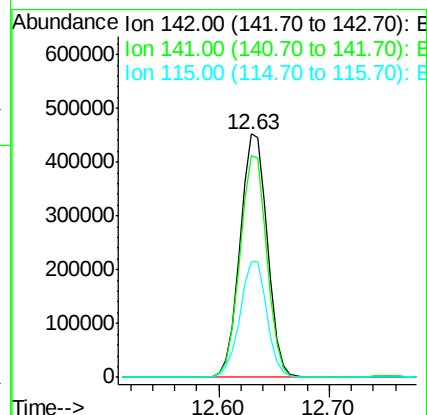
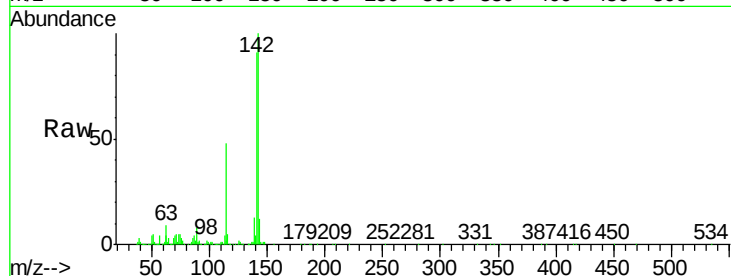
141 90.9 70.2 105.2

115 47.7 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. 0.01 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

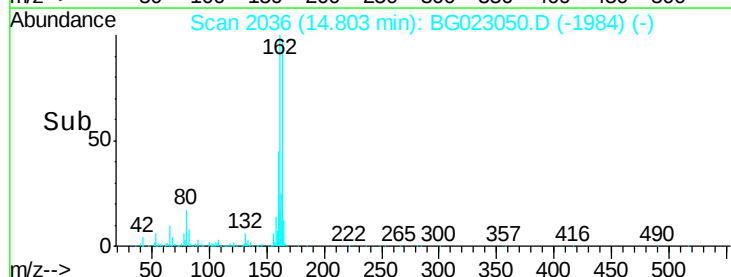
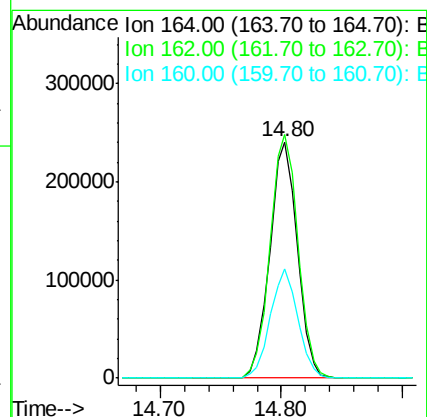
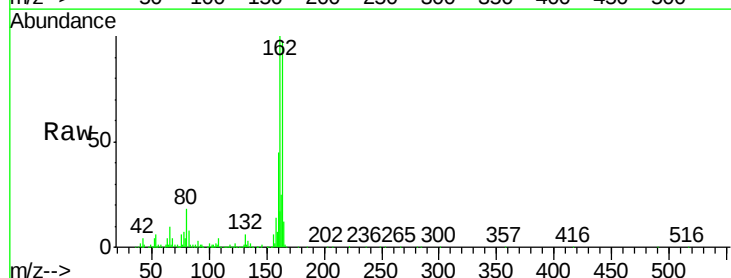
Tgt Ion:164 Resp: 376517

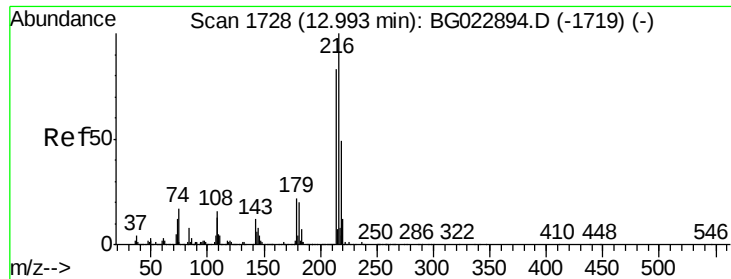
Ion Ratio Lower Upper

164 100

162 103.0 87.7 131.5

160 46.2 37.2 55.8





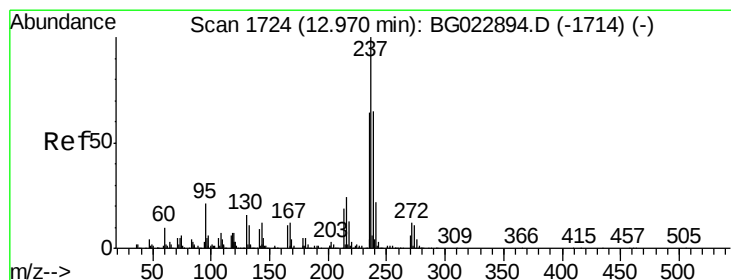
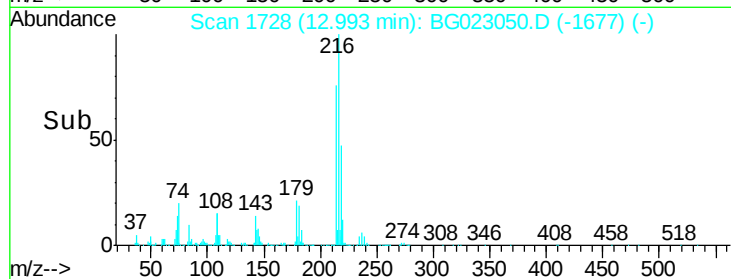
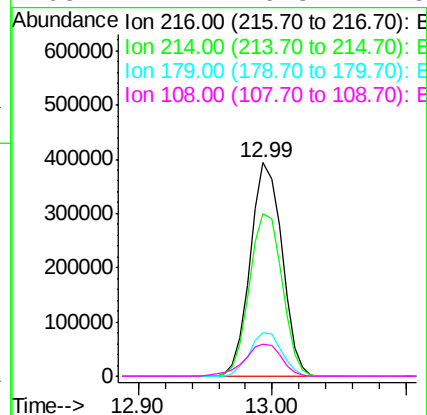
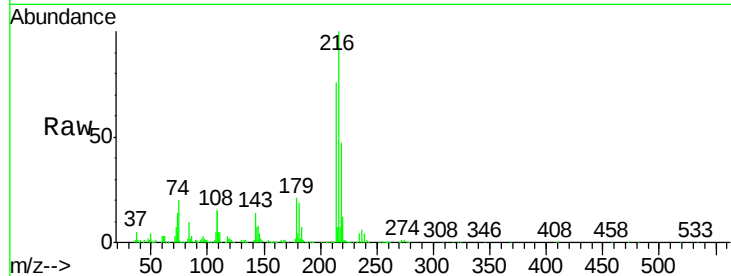
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.74 ng
 RT: 12.99 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG023050.D
 Acq: 13 Jul 2016 00:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.9	94.3
179	20.7	17.2	25.8
108	17.7	16.3	24.5

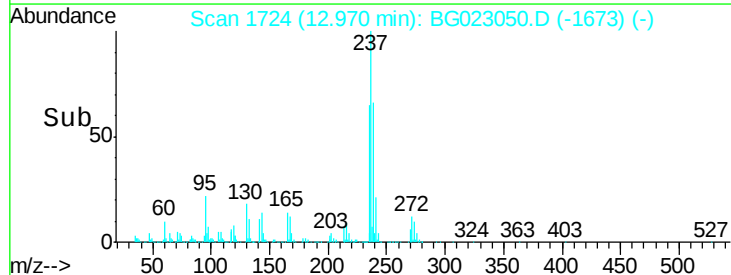
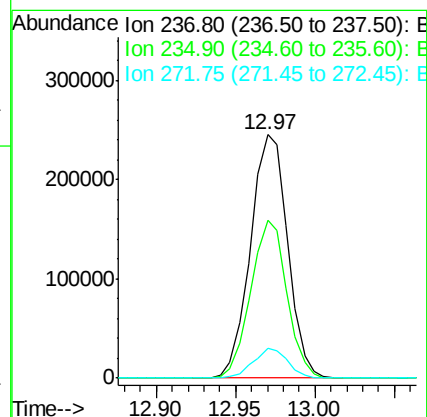
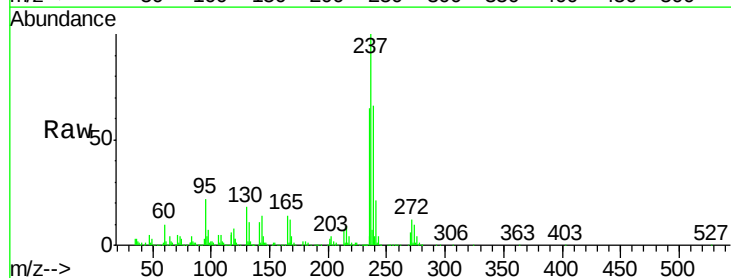
Manual Integrations

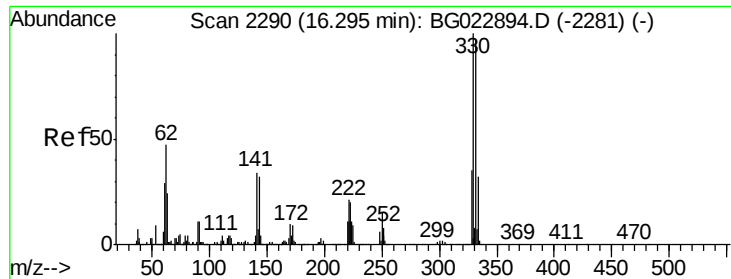
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#40
 Hexachlorocyclopentadiene
 Concen: 42.74 ng
 RT: 12.97 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG023050.D
 Acq: 13 Jul 2016 00:47

Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.0	43.1	83.1
272	12.4	0.0	30.9





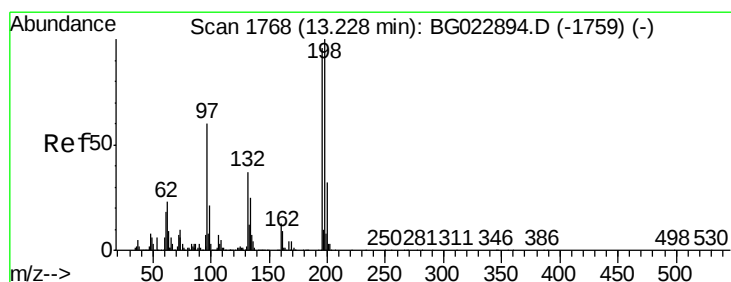
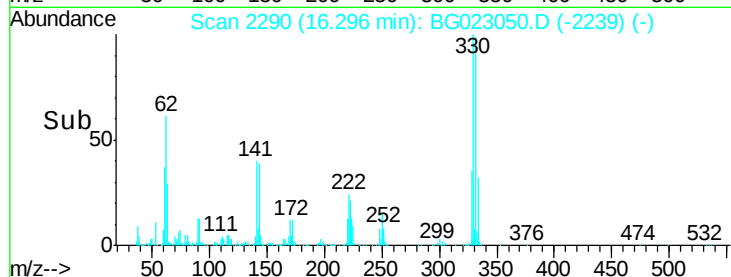
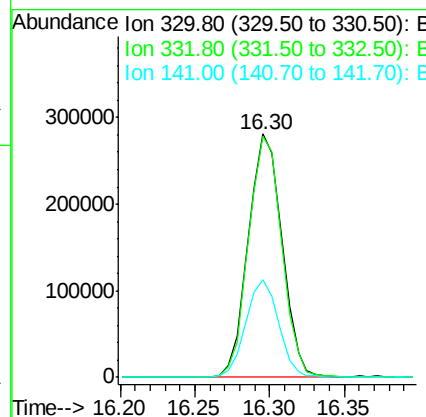
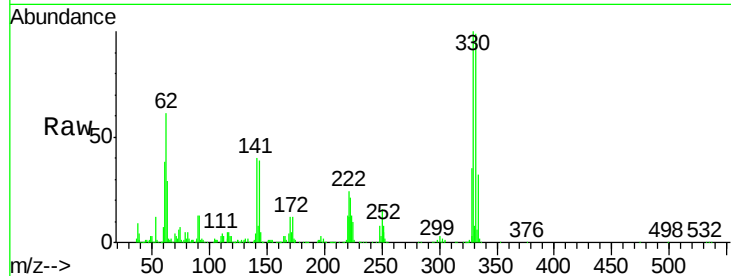
#41
 2,4,6-Tribromophenol
 Concen: 64.85 ng
 RT: 16.30 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BG023050.D
 Acq: 13 Jul 2016 00:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	38.8	31.7	47.5

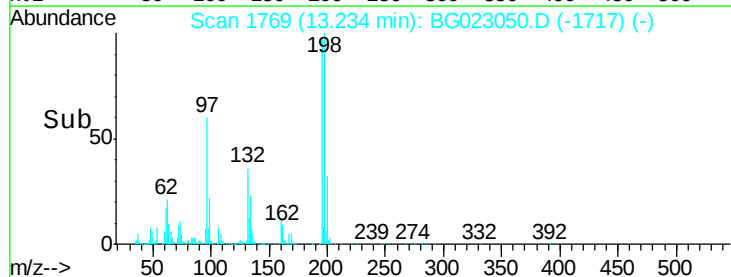
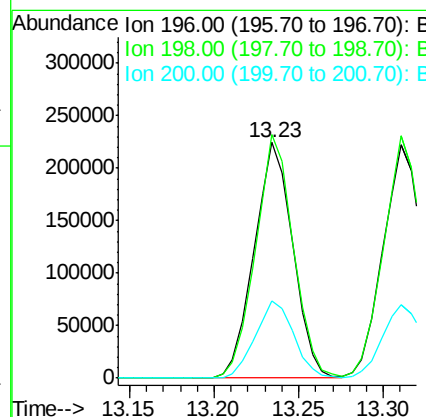
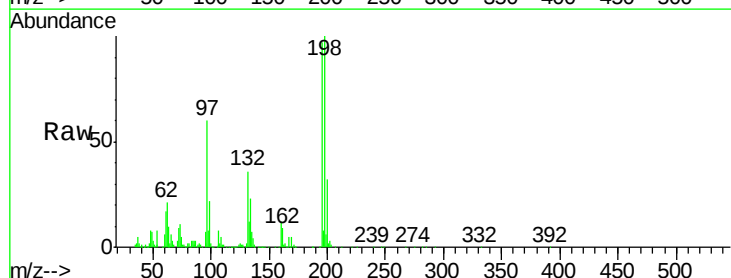
Manual Integrations

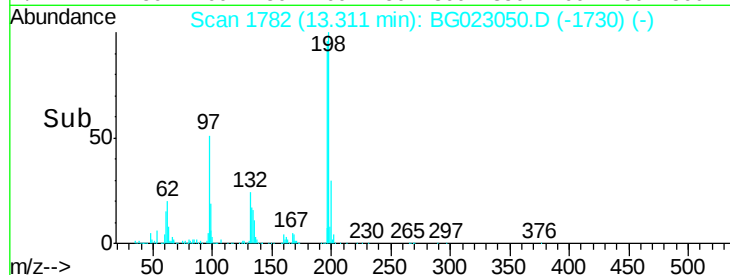
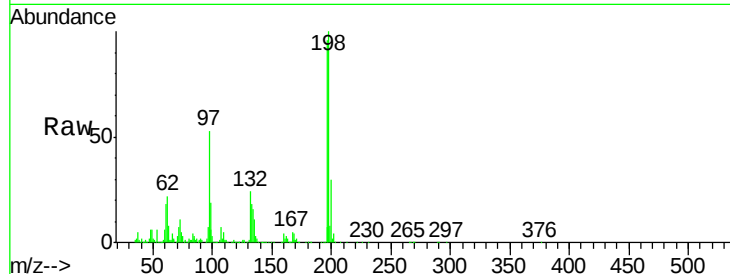
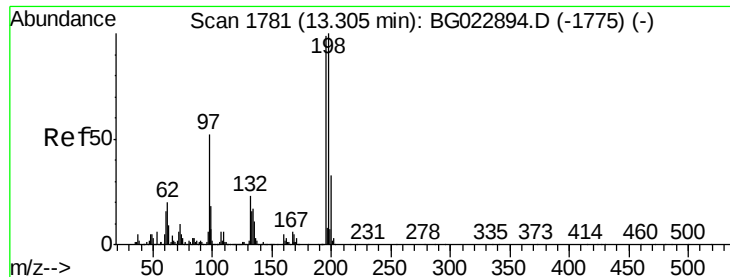
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#42
 2,4,6-Trichlorophenol
 Concen: 38.29 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.01 min
 Lab File: BG023050.D
 Acq: 13 Jul 2016 00:47

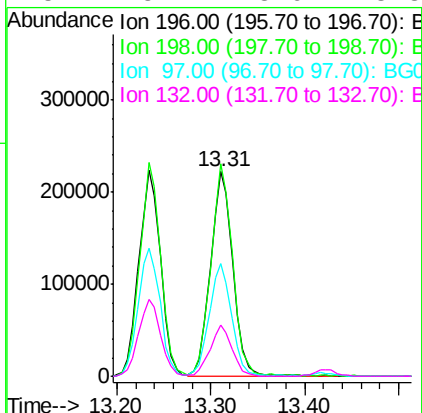
Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.4	78.2	117.2
200	32.9	27.0	40.4





#43
2,4,5-Trichlorophenol
Concen: 38.69 ng
RT: 13.31 min Scan# 1782
Delta R.T. 0.01 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

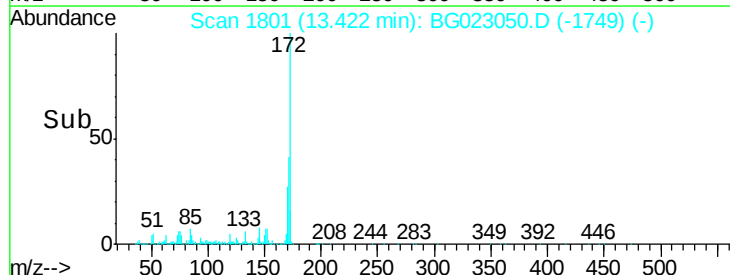
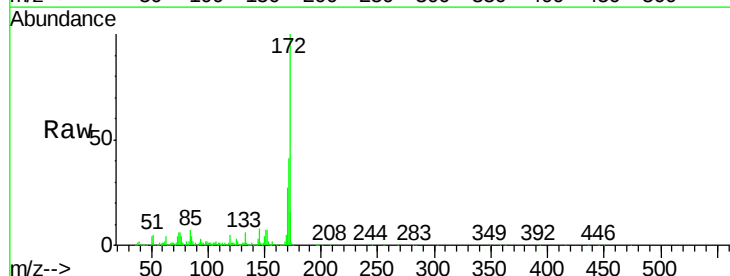
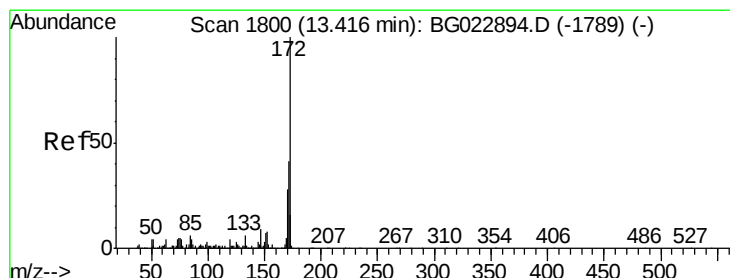
Tot Ion	196	Resp	370542
Ion Ratio	Lower	Upper	
196	100		
198	103.9	85.7	128.5
97	55.3	45.5	68.3
132	25.1	18.9	28.3



Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

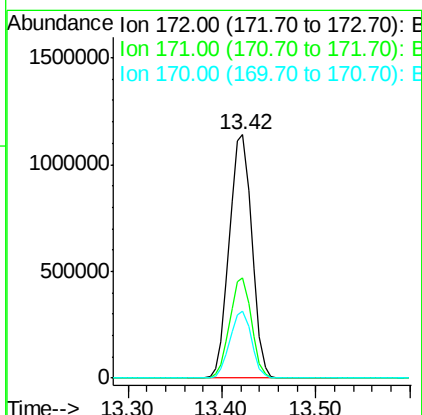
Manual Integrations

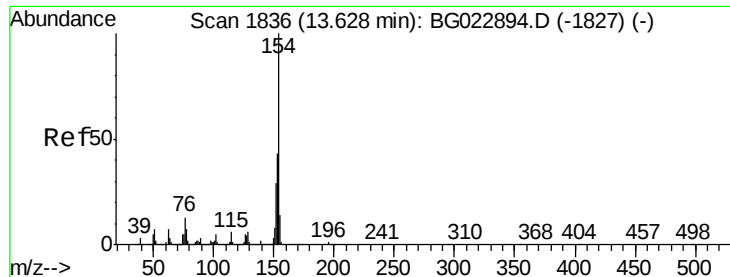
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#44
2-Fluorobiphenyl
Concen: 79.75 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Tgt Ion	172	Resp	1906312
Ion Ratio	Lower	Upper	
172	100		
171	41.1	31.6	47.4
170	27.3	21.3	31.9





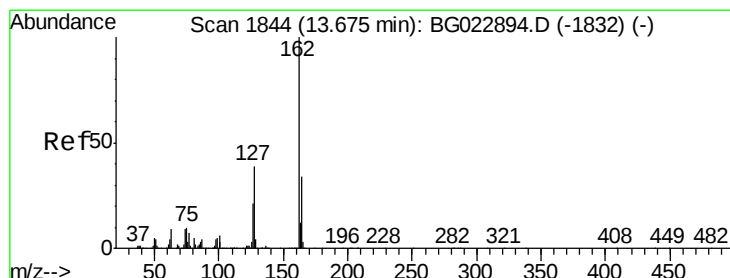
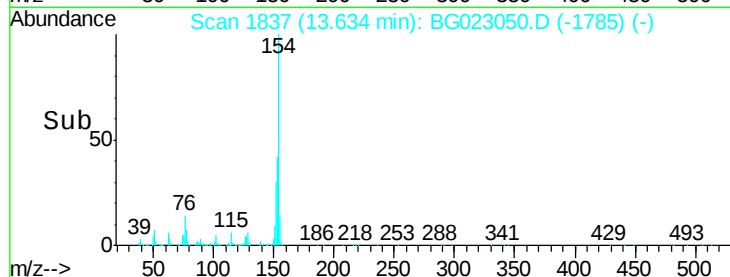
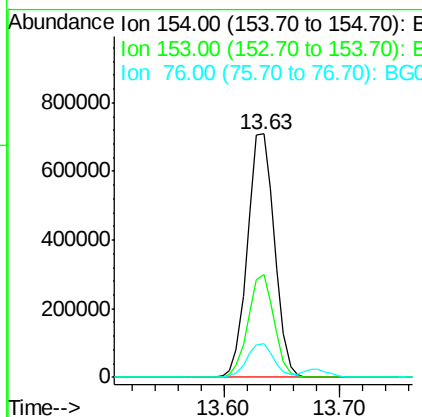
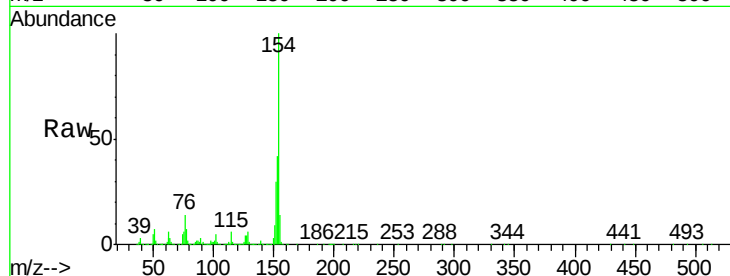
#45
 1,1'-Biphenyl
 Concen: 40.84 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: BG023050.D
 Acq: 13 Jul 2016 00:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.1	20.2	60.2
76	13.8	0.0	32.9

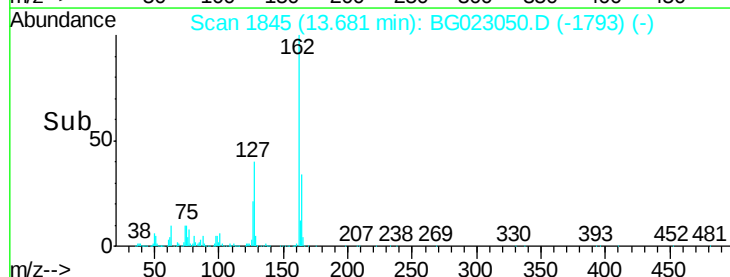
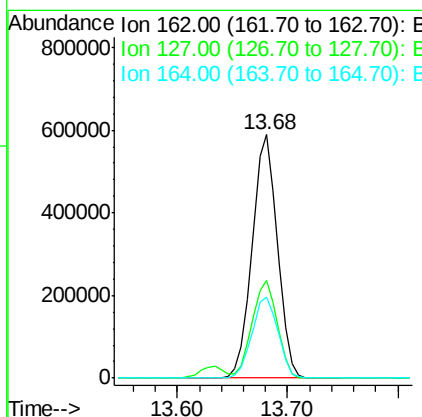
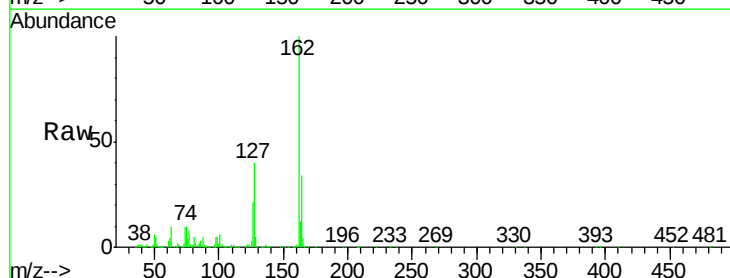
Manual Integrations

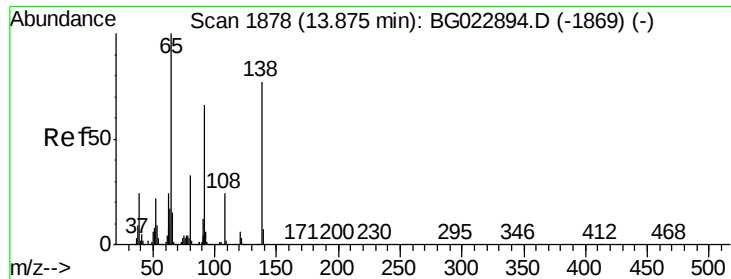
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#46
 2-Chloronaphthalene
 Concen: 41.23 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BG023050.D
 Acq: 13 Jul 2016 00:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.4	48.6
164	33.5	25.2	37.8





#47

2-Nitroaniline

Concen: 40.73 ng

RT: 13.88 min Scan# 1879

Delta R.T. 0.01 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 65 Resp: 398230

Ion Ratio Lower Upper

65 100

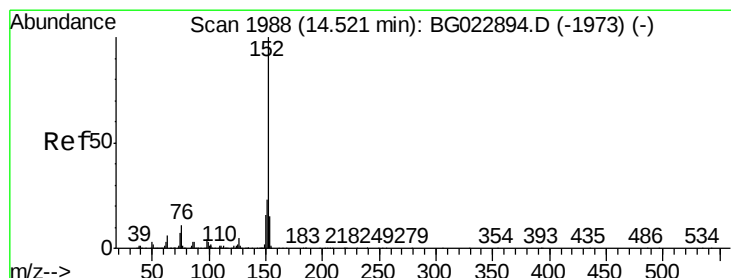
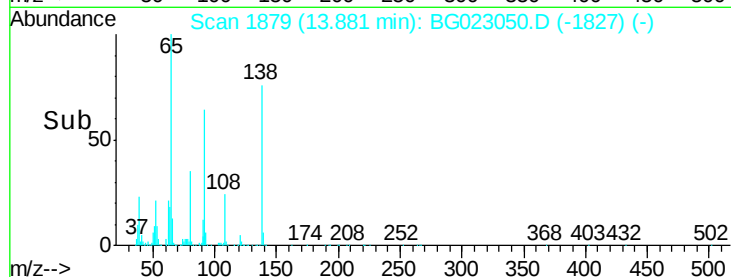
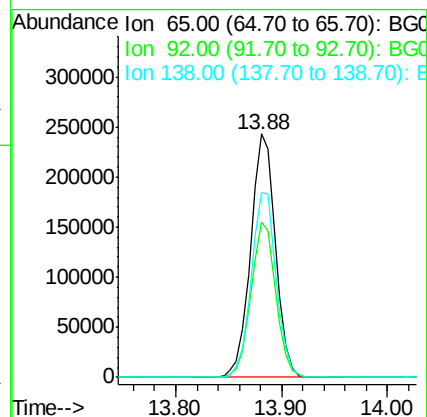
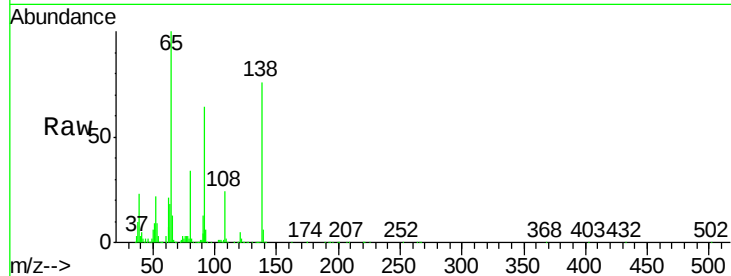
92 63.9 49.4 74.0

138 75.6 58.0 87.0

Manual Integrations

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#48

Acenaphthylene

Concen: 39.91 ng

RT: 14.53 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

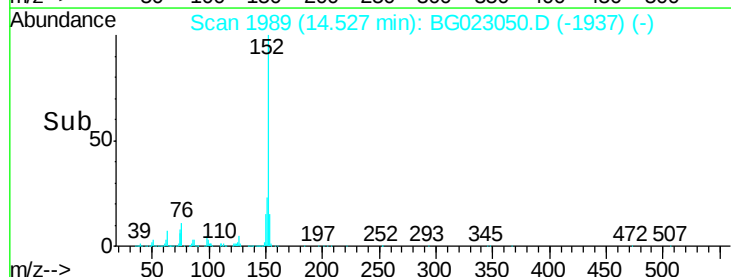
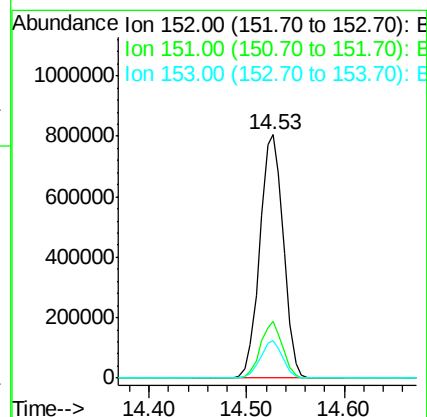
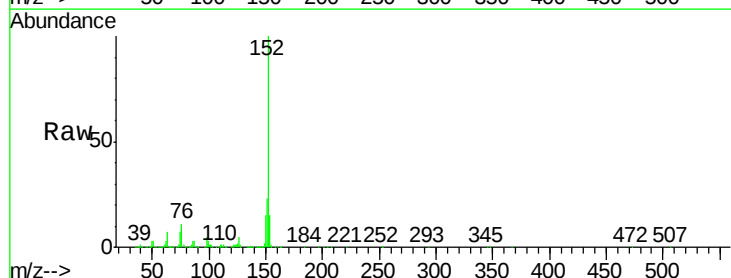
Tgt Ion: 152 Resp: 1372082

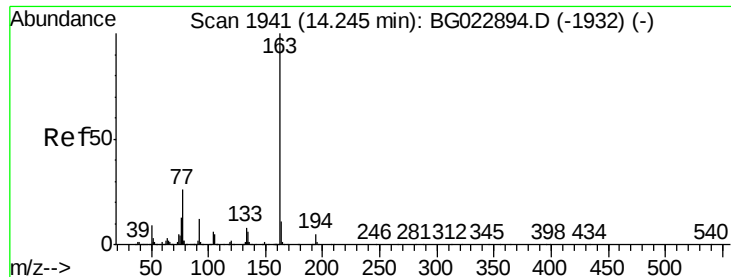
Ion Ratio Lower Upper

152 100

151 23.4 17.6 26.4

153 15.3 11.4 17.2





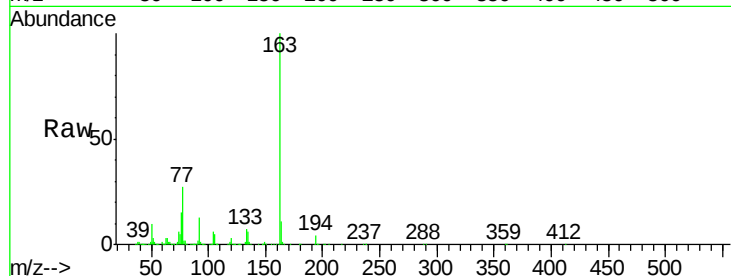
#49
Dimethylphthalate
Concen: 36.91 ng
RT: 14.24 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

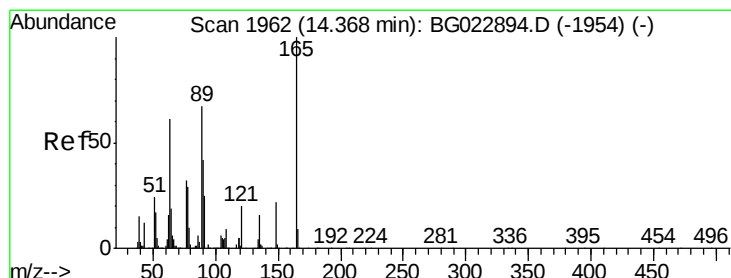
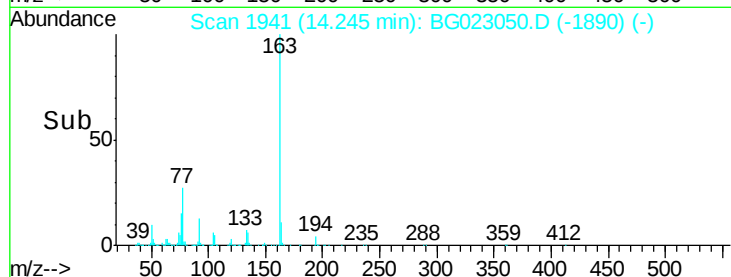
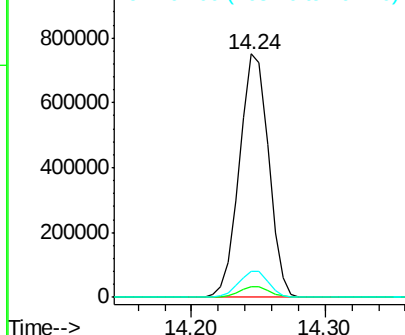
Tot Ion:163 Resp: 1135209
Ion Ratio Lower Upper
163 100
194 4.4 3.6 5.4
164 10.8 8.1 12.1

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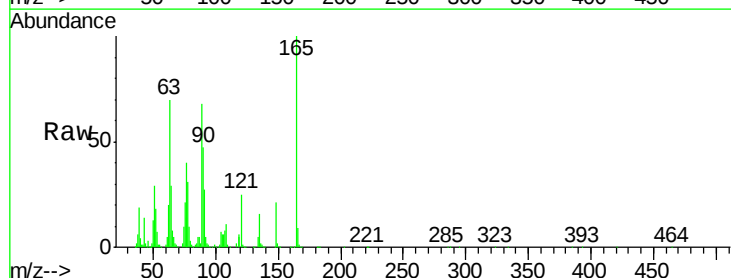


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

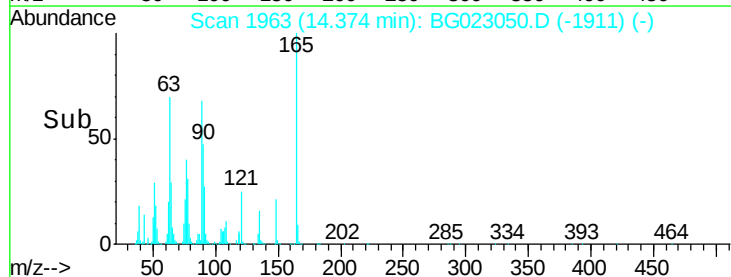
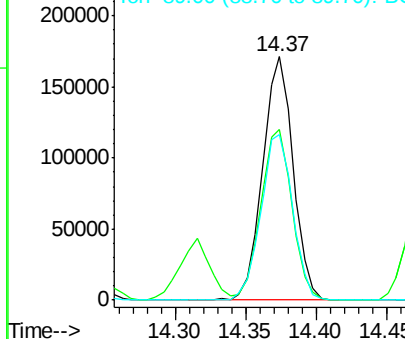


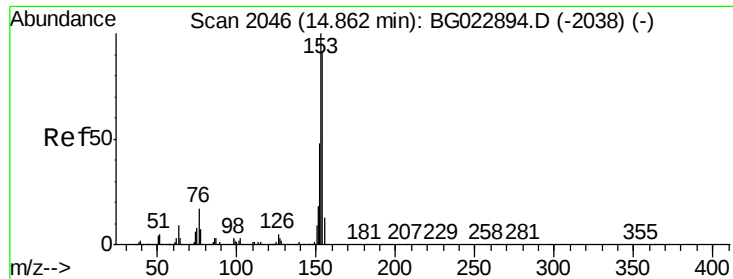
#50
2,6-Dinitrotoluene
Concen: 37.49 ng
RT: 14.37 min Scan# 1963
Delta R.T. 0.01 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Tgt Ion:165 Resp: 259154
Ion Ratio Lower Upper
165 100
63 70.0 64.3 96.5
89 67.9 64.3 96.5



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





#51

Acenaphthene

Concen: 39.33 ng

RT: 14.87 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Instrument :

BNA_G

ClientSampleId :

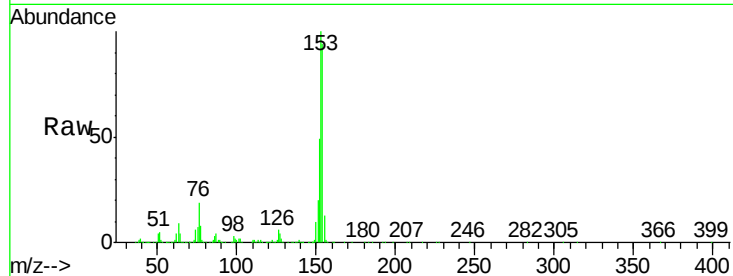
SSTDCCC040

Tot Ion:	154	Resp:	883582
Ion	Ratio	Lower	Upper
154	100		
153	106.6	87.5	131.3
152	52.7	42.7	64.1

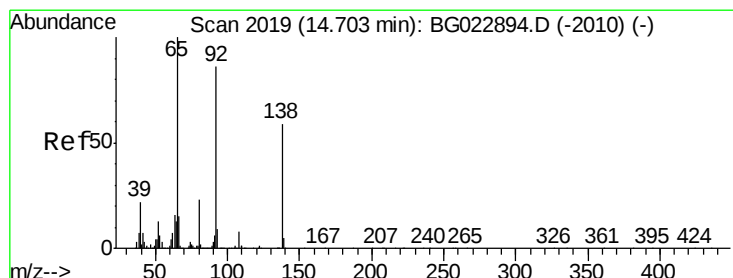
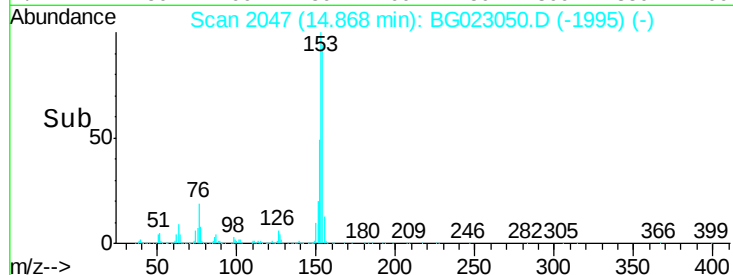
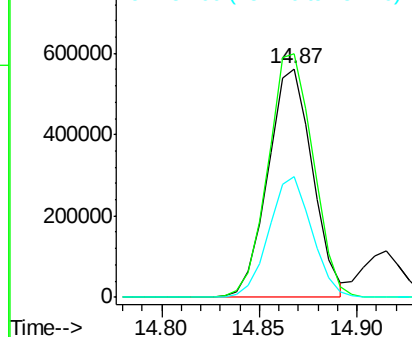
Manual Integrations

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.81 ng

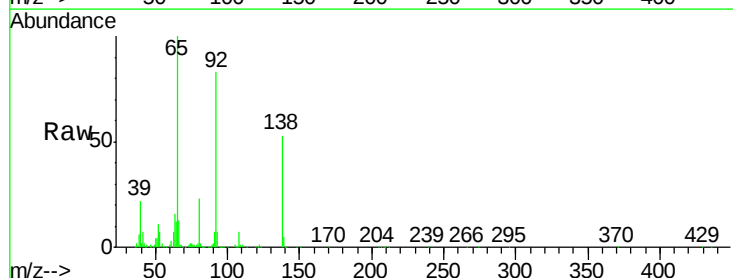
RT: 14.71 min Scan# 2020

Delta R.T. 0.01 min

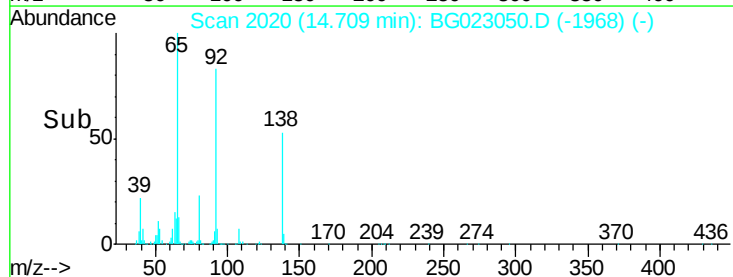
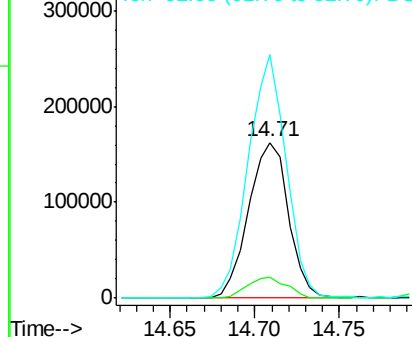
Lab File: BG023050.D

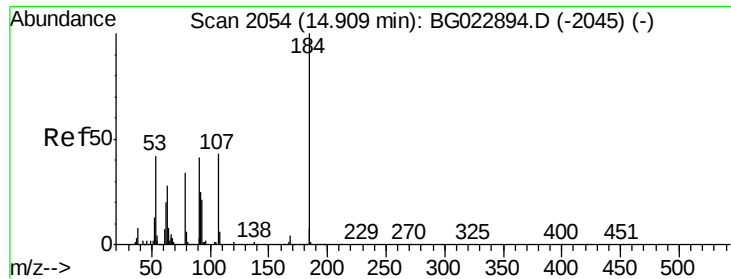
Acq: 13 Jul 2016 00:47

Tgt Ion:	138	Resp:	267468
Ion	Ratio	Lower	Upper
138	100		
108	13.8	11.7	17.5
92	156.2	129.7	194.5



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





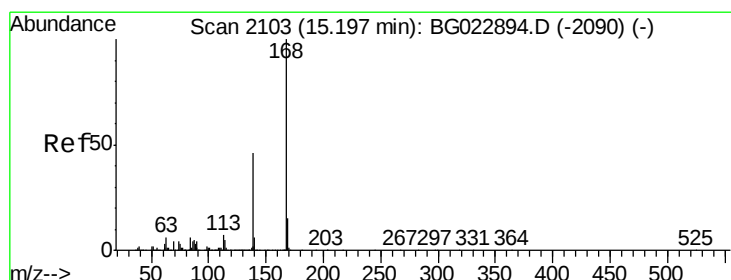
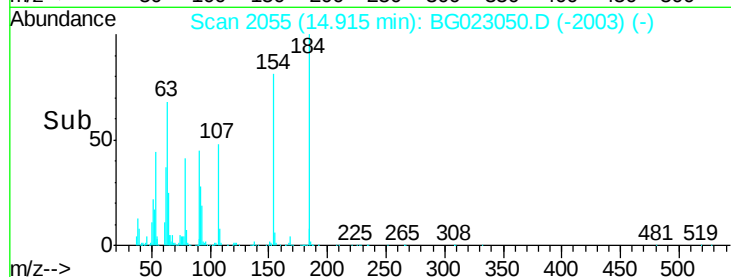
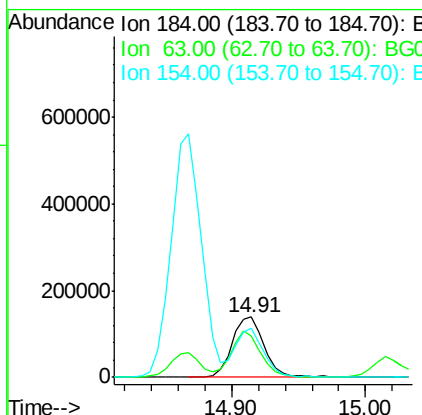
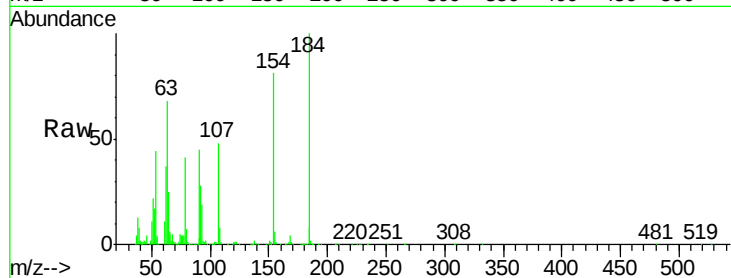
#53
2,4-Dinitrophenol
Concen: 48.60 ng
RT: 14.91 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
184	100			
63	68.2	59.6	89.4	
154	81.4	67.4	101.0	

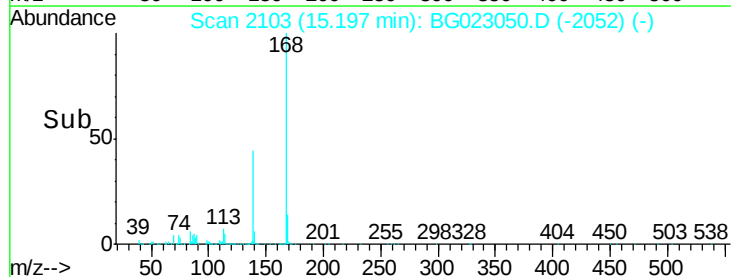
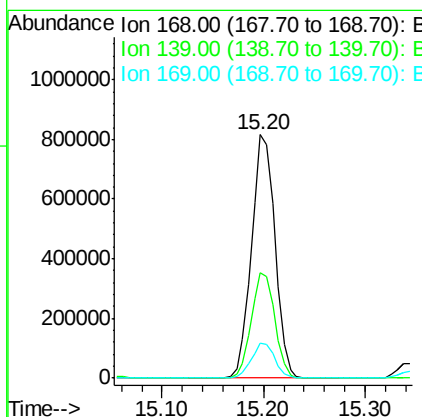
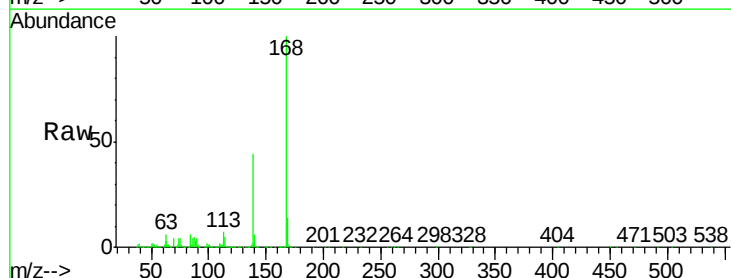
Manual Integrations

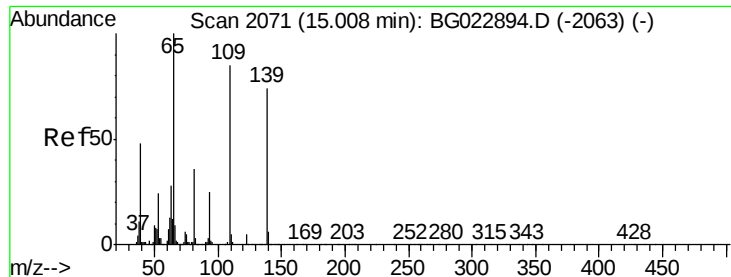
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#54
Dibenzofuran
Concen: 38.91 ng
RT: 15.20 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Tgt Ion	Ion	Ratio	Lower	Upper
168	100			
139	43.5	36.4	54.6	
169	14.1	11.9	17.9	





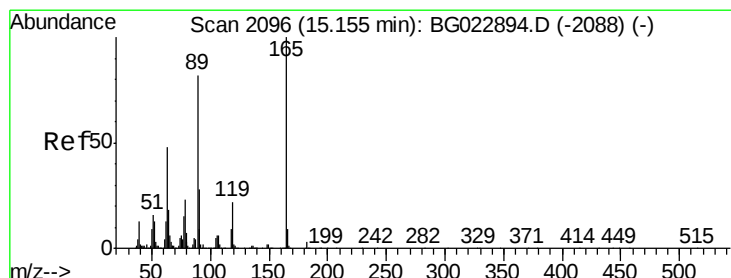
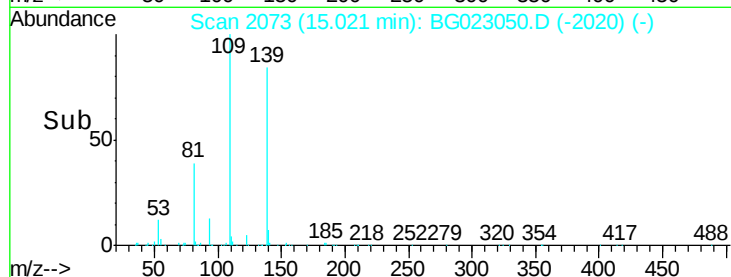
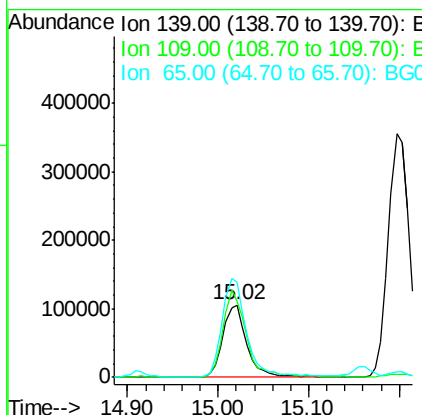
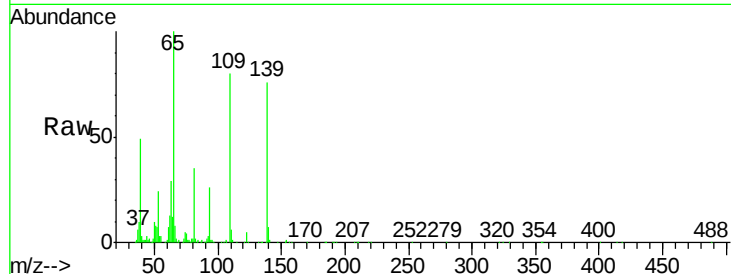
#55
4-Nitrophenol
Concen: 33.90 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	105.7	103.0	143.0
65	131.5	112.7	152.7

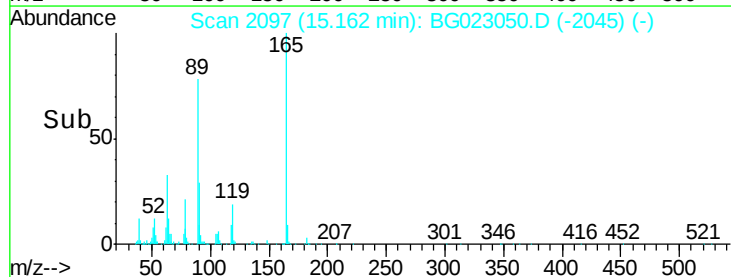
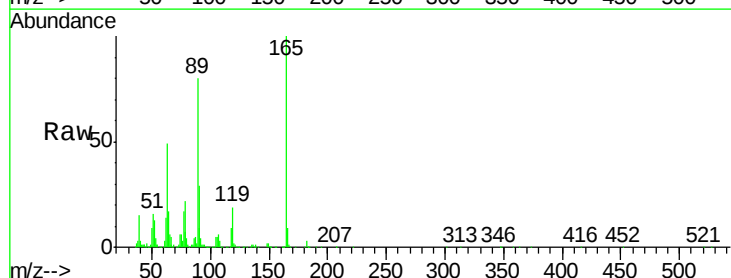
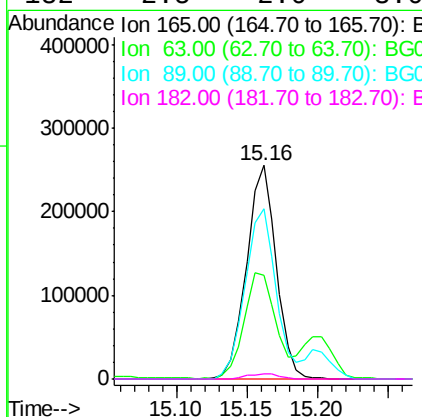
Manual Integrations

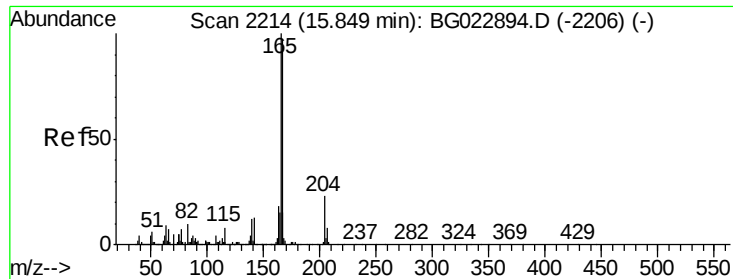
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#56
2,4-Dinitrotoluene
Concen: 37.37 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.8	45.8	68.6
89	79.9	68.6	102.8
182	2.5	2.0	3.0





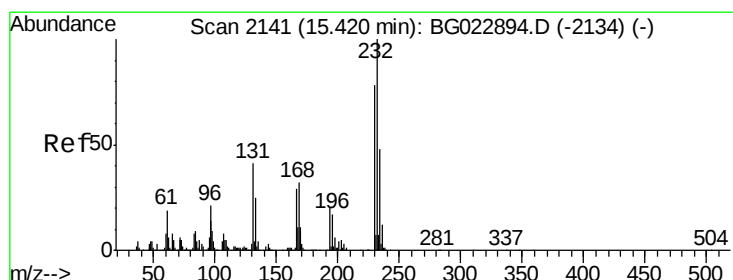
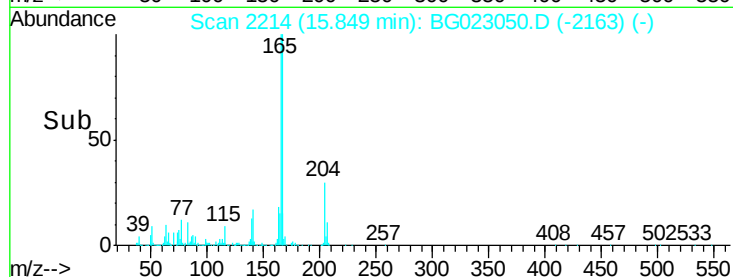
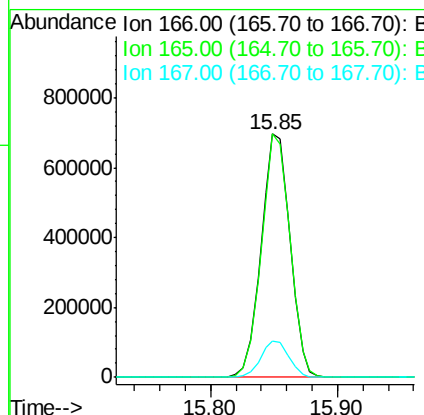
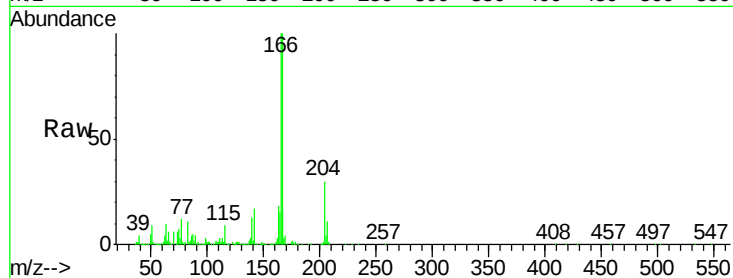
#57
Fluorene
 Concen: 38.12 ng
 RT: 15.85 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: BG023050.D
 Acq: 13 Jul 2016 00:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:166 Resp: 1103116
 Ion Ratio Lower Upper
 166 100
 165 99.9 81.0 121.6
 167 15.0 12.0 18.0

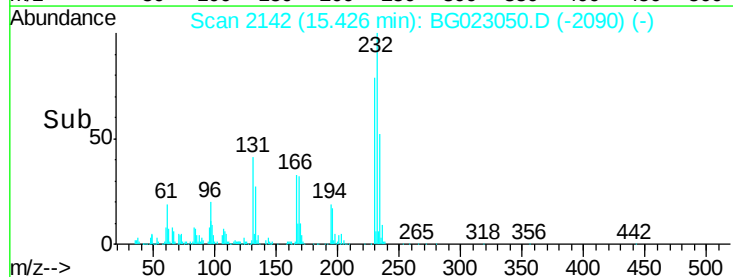
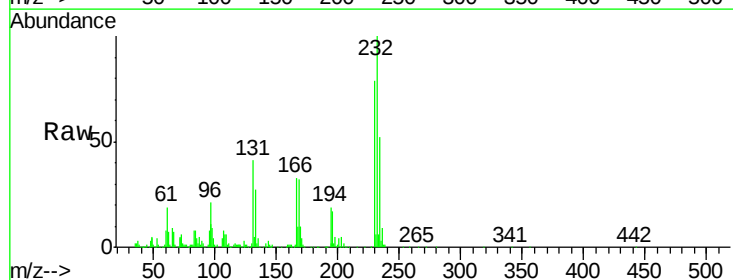
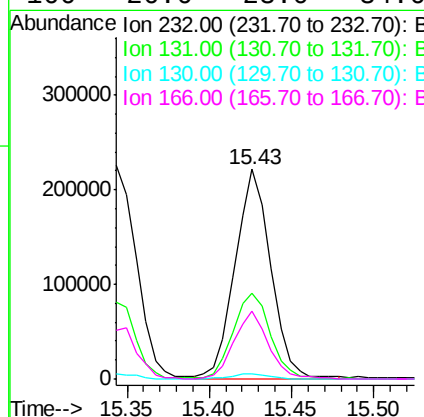
Manual Integrations

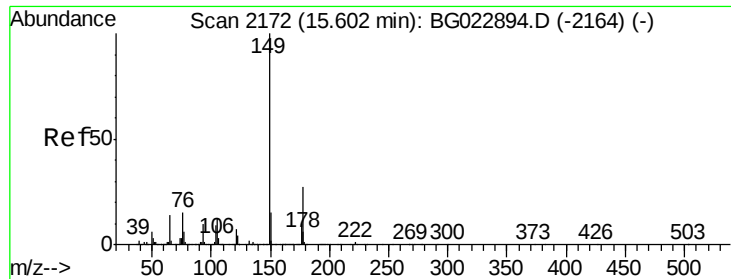
umangi
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.05 ng m
 RT: 15.43 min Scan# 2142
 Delta R.T. 0.01 min
 Lab File: BG023050.D
 Acq: 13 Jul 2016 00:47

Tgt Ion:232 Resp: 335868
 Ion Ratio Lower Upper
 232 100
 131 39.4 32.7 49.1
 130 2.8 2.6 3.8
 166 26.6 23.0 34.6





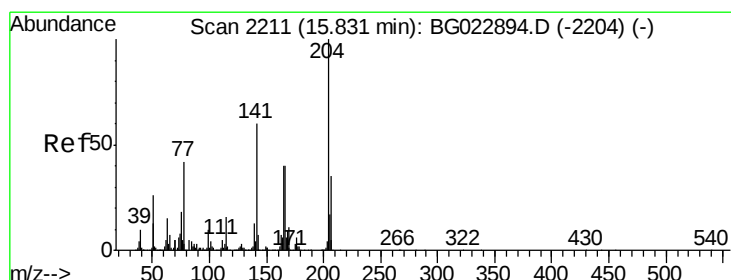
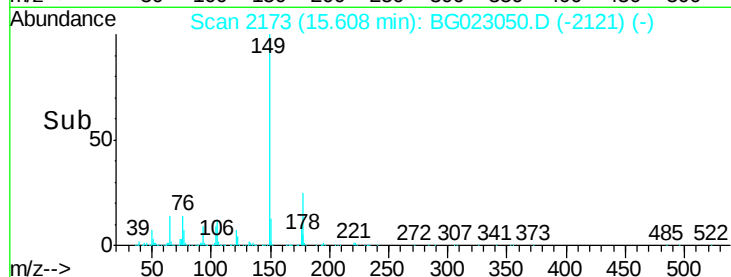
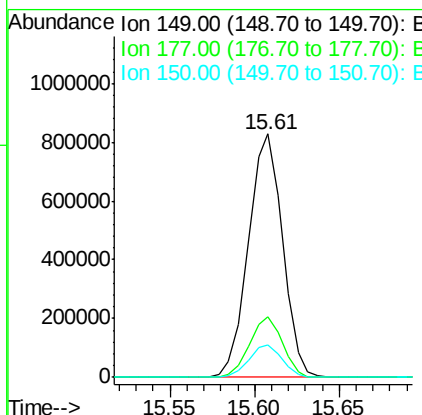
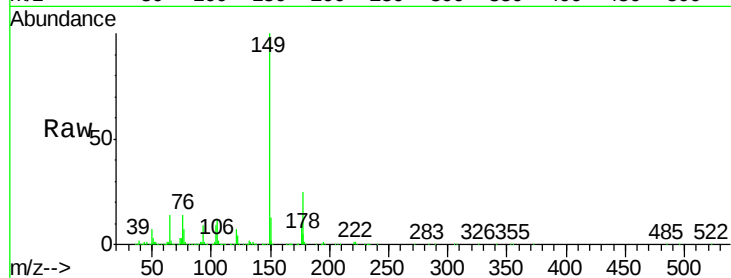
#59
Diethylphthalate
Concen: 37.22 ng
RT: 15.61 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.0	19.2	28.8
150	13.5	10.6	16.0

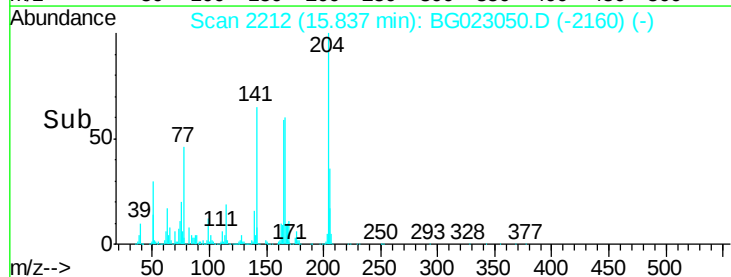
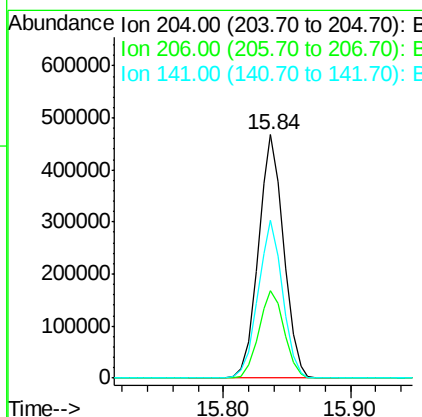
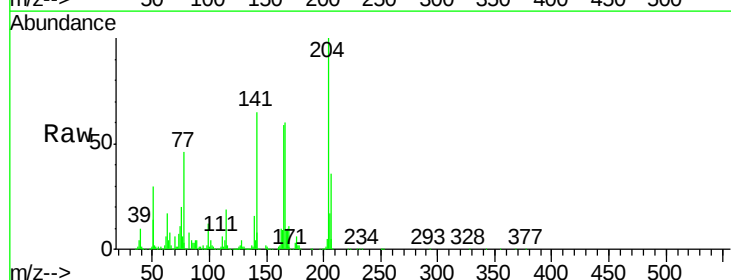
Manual Integrations

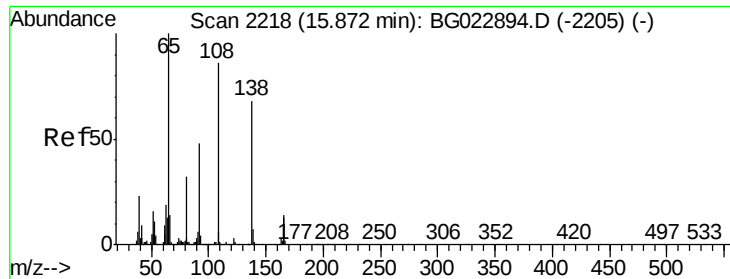
umangi
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#60
4-Chlorophenyl-phenylether
Concen: 36.80 ng
RT: 15.84 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.8	28.5	42.7
141	64.9	51.4	77.0





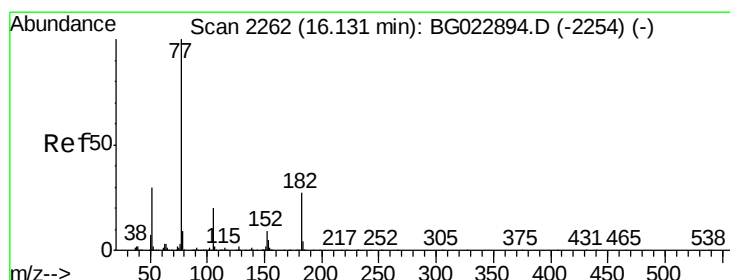
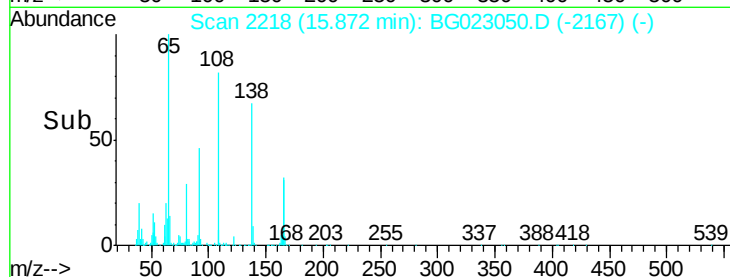
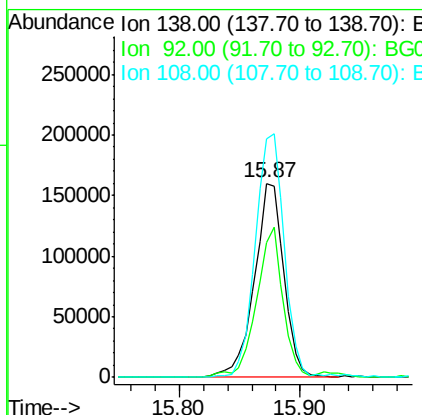
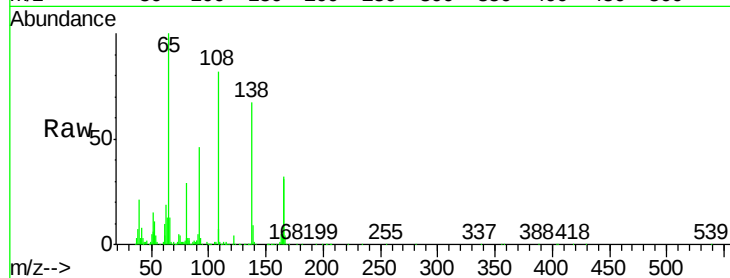
#61
4-Nitroaniline
Concen: 36.37 ng
RT: 15.87 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 271256
Ion Ratio Lower Upper
138 100
92 69.4 54.1 94.1
108 122.6 133.9 173.9#

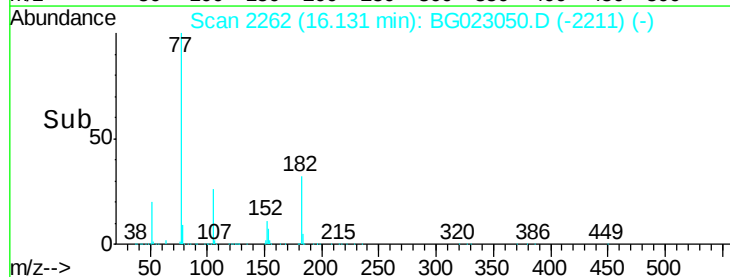
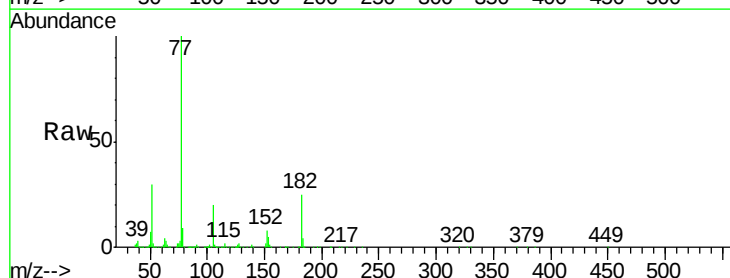
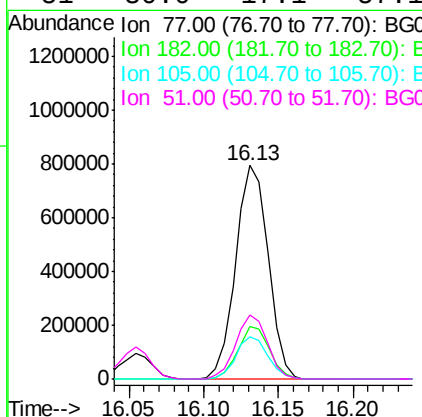
Manual Integrations

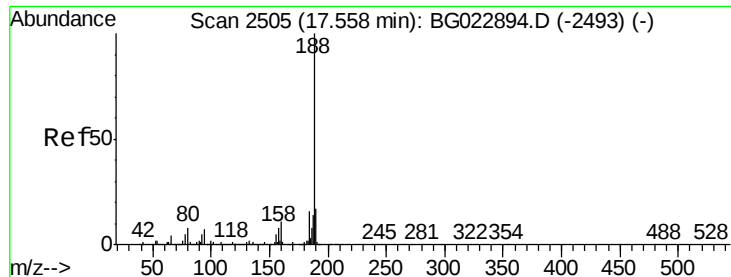
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#62
Azobenzene
Concen: 40.15 ng
RT: 16.13 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Tgt Ion: 77 Resp: 1201873
Ion Ratio Lower Upper
77 100
182 24.7 3.5 43.5
105 19.8 0.0 38.5
51 30.0 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2506

Delta R.T. 0.01 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:188 Resp: 858696

Ion Ratio Lower Upper

188 100

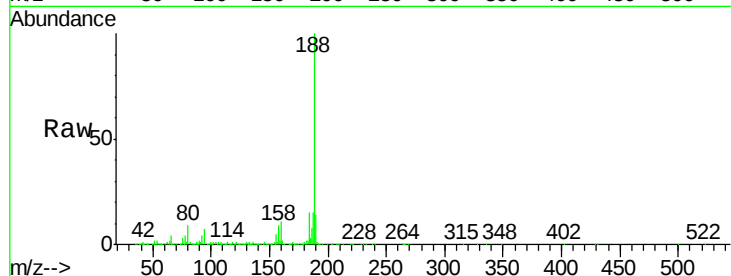
94 7.2 5.2 7.8

80 9.0 7.2 10.8

Manual Integrations

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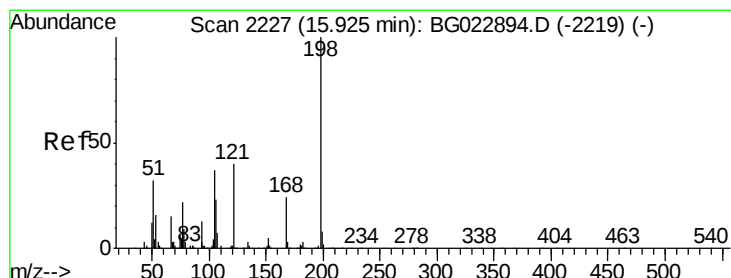
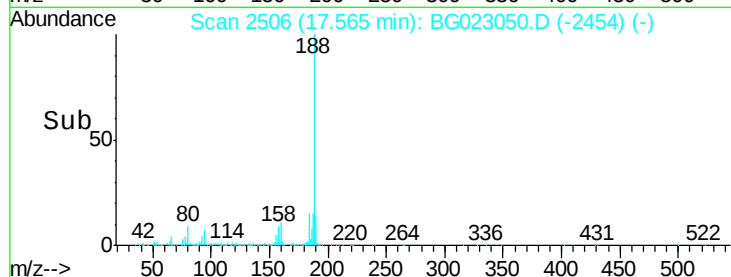
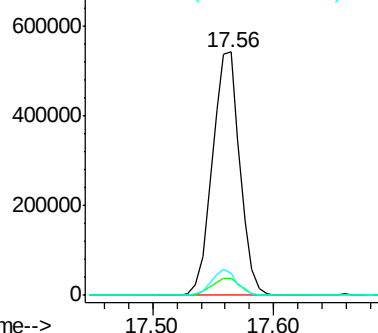
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG022894.D (-2493) (-)

Ion 80.00 (79.70 to 80.70): BG022894.D (-2493) (-)



#64

4,6-Dinitro-2-methylphenol

Concen: 35.97 ng

RT: 15.93 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

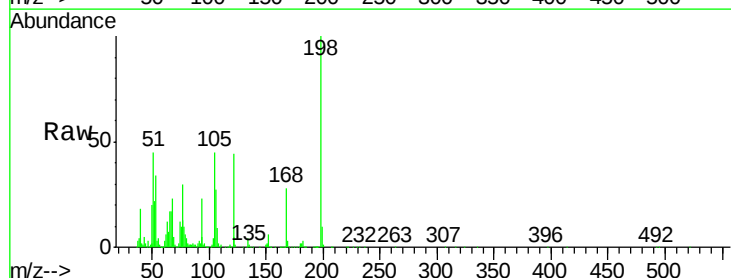
Tgt Ion:198 Resp: 229590

Ion Ratio Lower Upper

198 100

51 45.3 26.0 66.0

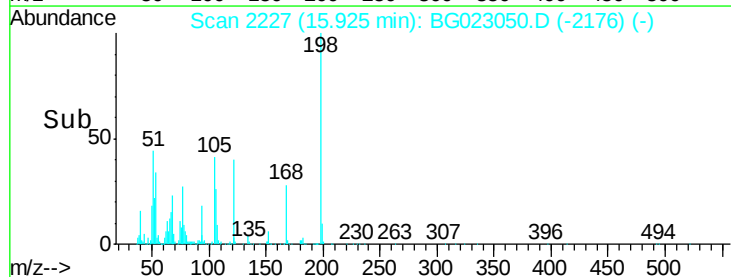
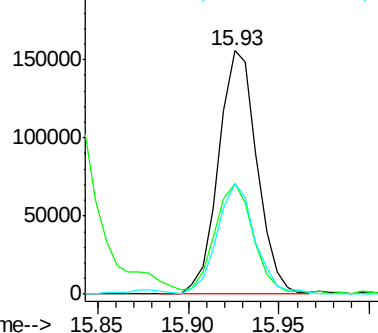
105 45.4 20.1 60.1

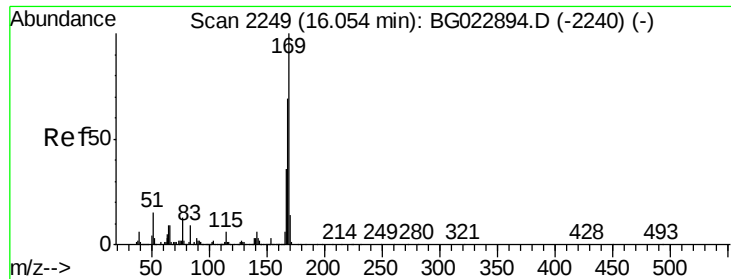


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG022894.D (-2219) (-)

Ion 105.00 (104.70 to 105.70): BG022894.D (-2219) (-)





#65

n-Nitrosodiphenylamine

Concen: 42.05 ng

RT: 16.05 min Scan# 2249

Delta R.T. 0.00 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

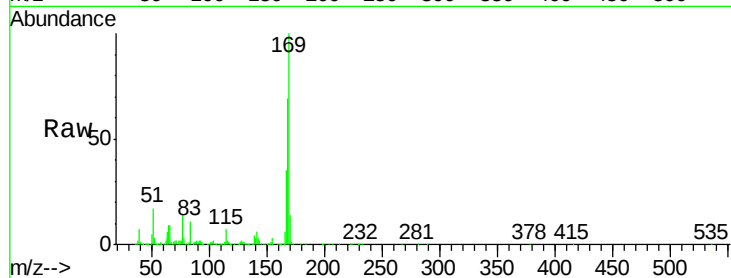
Tot Ion:169 Resp: 1040327

Ion	Ratio	Lower	Upper
169	100		
168	69.0	55.0	82.4
167	35.0	27.4	41.0

Manual Integrations

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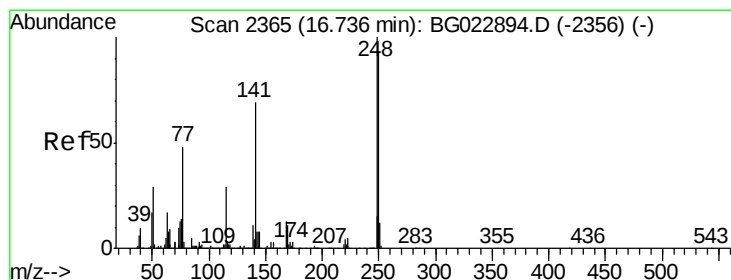
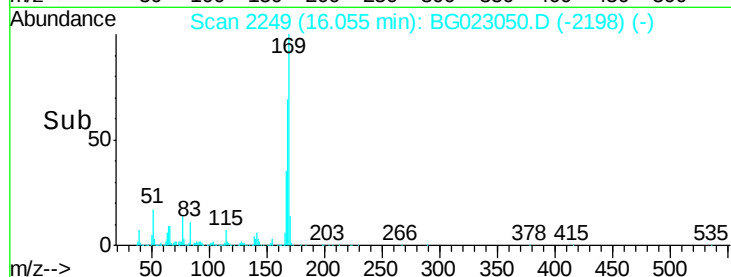
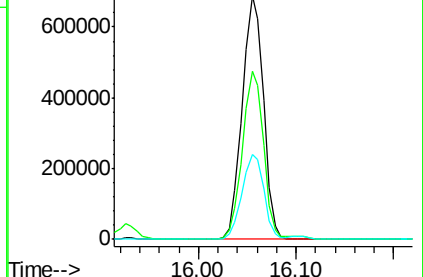
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.00 ng

RT: 16.74 min Scan# 2365

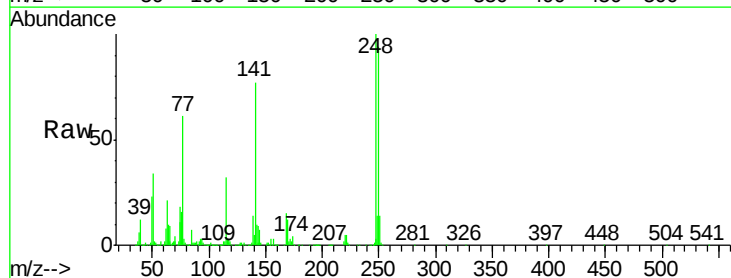
Delta R.T. 0.00 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Tgt Ion:248 Resp: 435733

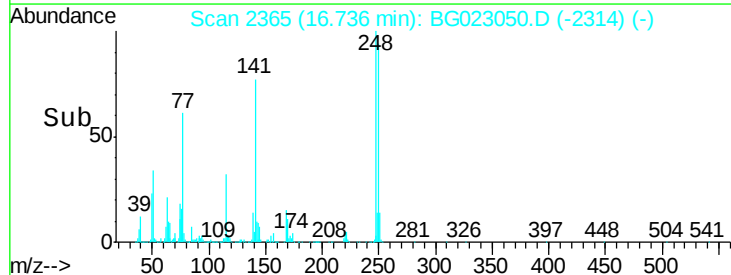
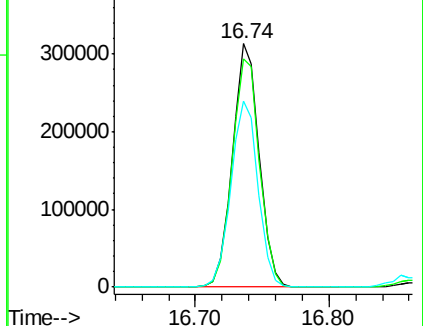
Ion	Ratio	Lower	Upper
248	100		
250	93.6	77.8	116.8
141	76.6	65.7	98.5

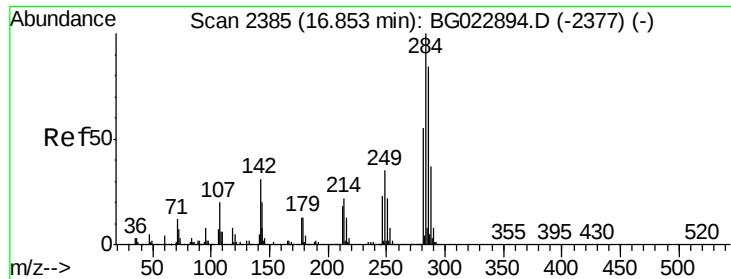


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.08 ng

RT: 16.86 min Scan# 2386

Delta R.T. 0.01 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Instrument :

BNA_G

ClientSampleId :

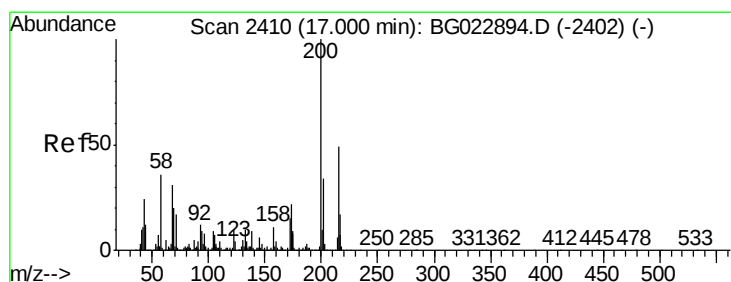
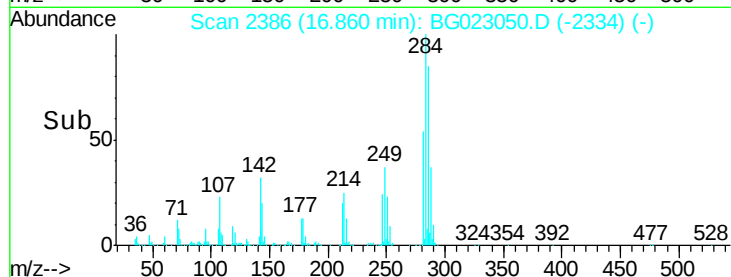
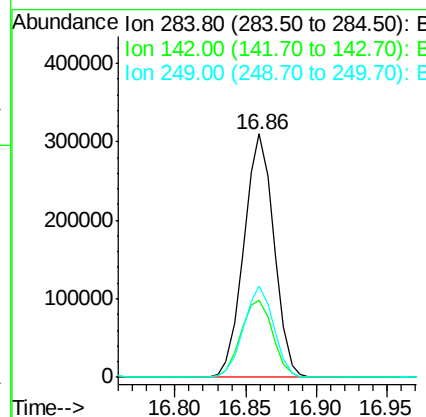
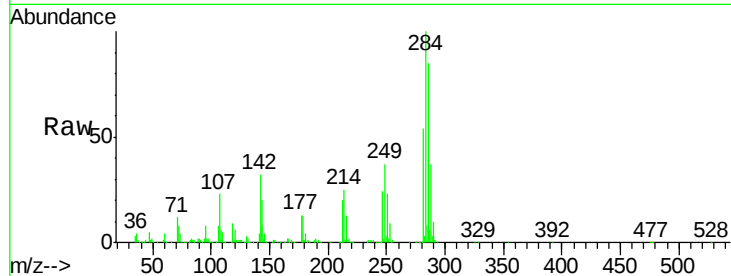
SSTDCCC040

Tot Ion:	284	Resp:	462522
Ion Ratio		Lower	Upper
284	100		
142	31.5	26.8	40.2
249	37.3	28.9	43.3

Manual Integrations

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#68

Atrazine

Concen: 38.57 ng

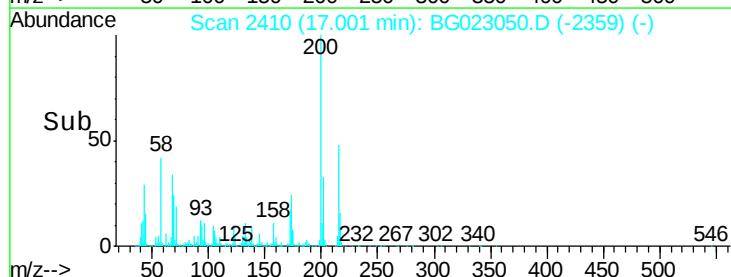
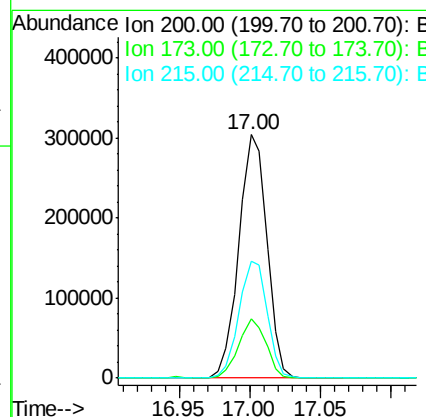
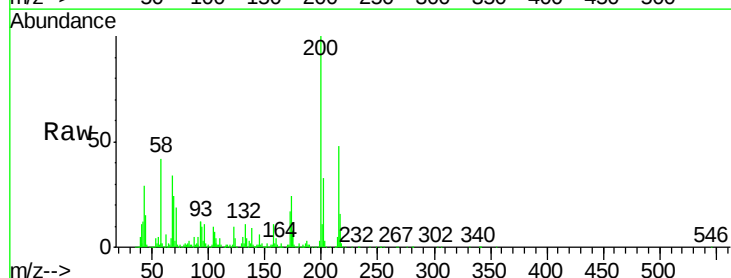
RT: 17.00 min Scan# 2410

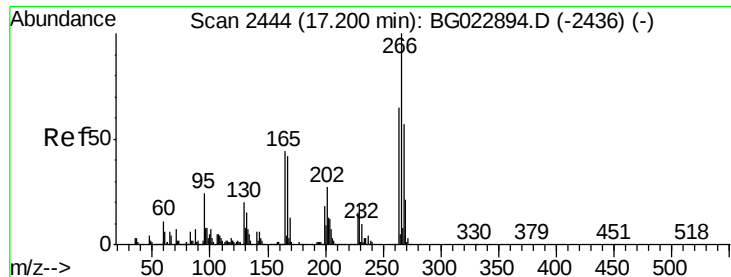
Delta R.T. 0.00 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Tgt Ion:	200	Resp:	423279
Ion Ratio		Lower	Upper
200	100		
173	24.2	1.6	41.6
215	48.1	28.7	68.7





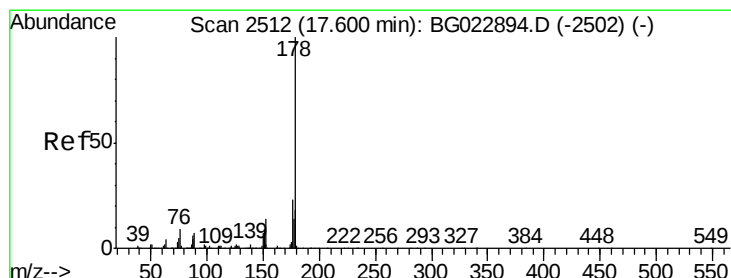
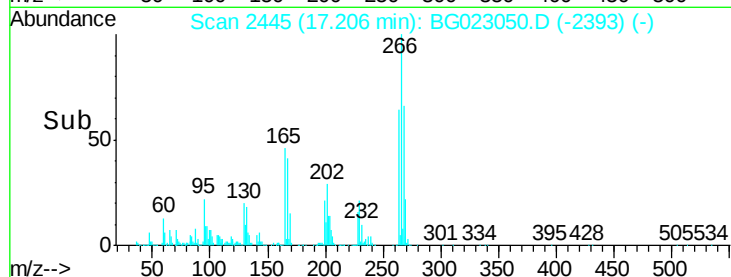
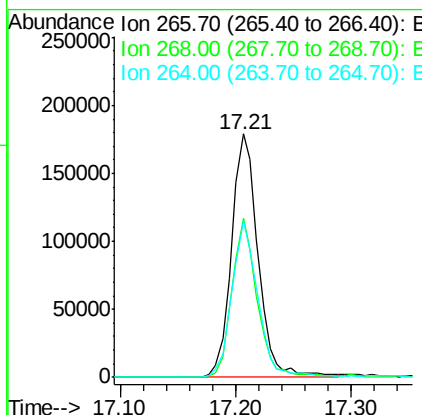
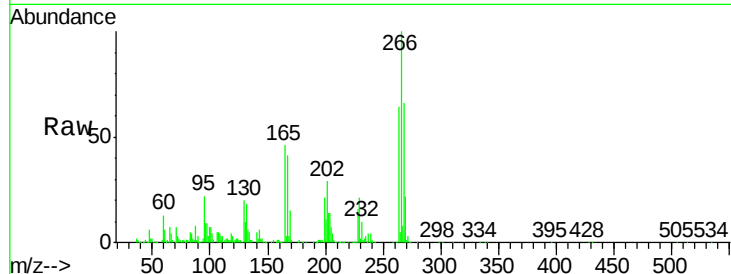
#69
 Pentachlorophenol
 Concen: 36.16 ng
 RT: 17.21 min Scan# 2445
 Delta R.T. 0.01 min
 Lab File: BG023050.D
 Acq: 13 Jul 2016 00:47

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.5	51.9	77.9
264	64.3	50.6	75.8

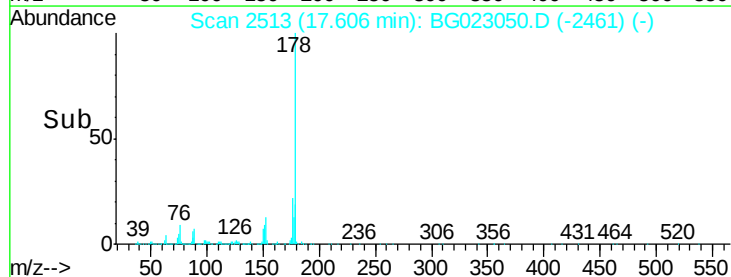
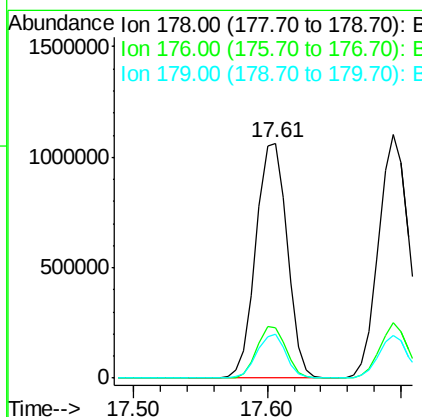
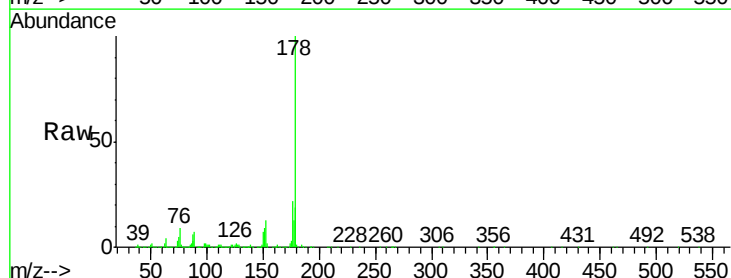
Manual Integrations

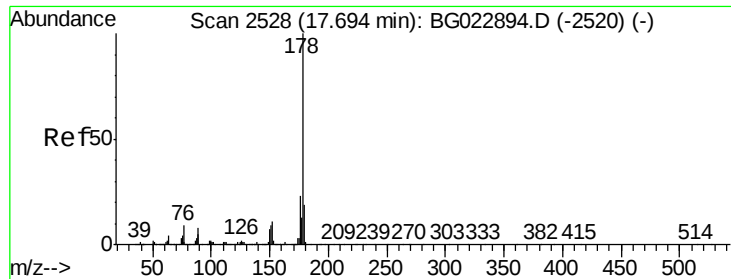
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#70
 Phenanthrene
 Concen: 40.84 ng
 RT: 17.61 min Scan# 2513
 Delta R.T. 0.01 min
 Lab File: BG023050.D
 Acq: 13 Jul 2016 00:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.8	25.2
179	18.6	14.3	21.5





#71
 Anthracene
 Concen: 40.57 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. 0.00 min
 Lab File: BG023050.D
 Acq: 13 Jul 2016 00:47

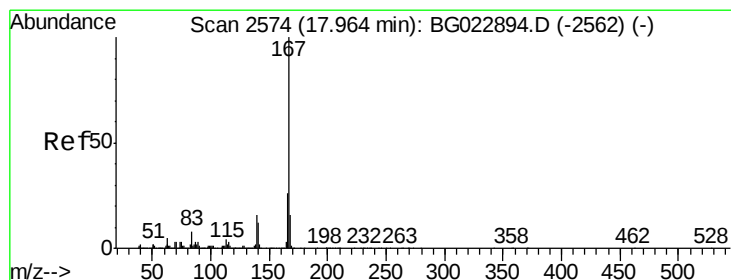
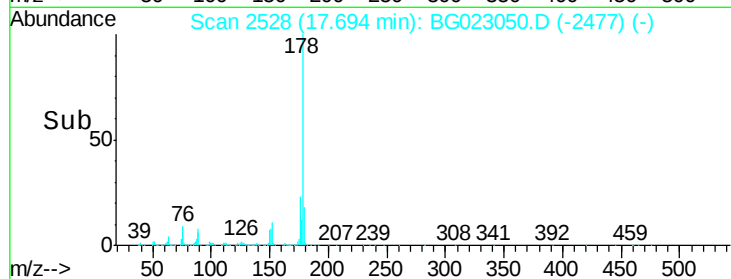
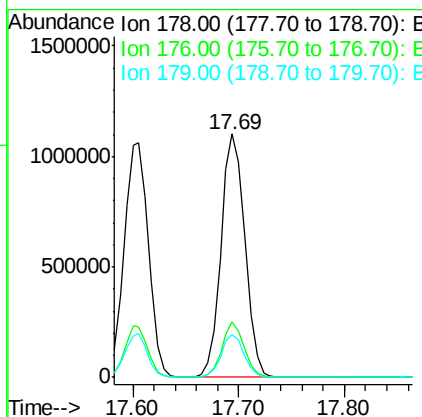
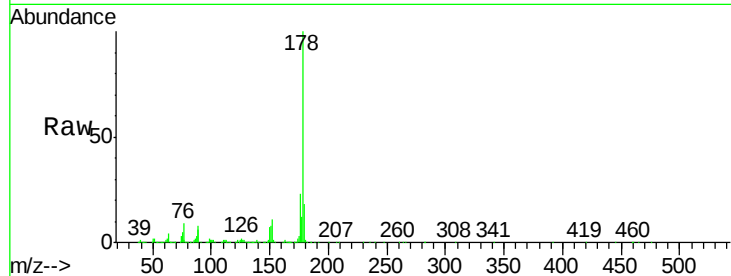
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1728635

Ion	Ratio	Lower	Upper
178	100		
176	23.0	17.3	25.9
179	17.7	14.0	21.0

Manual Integrations

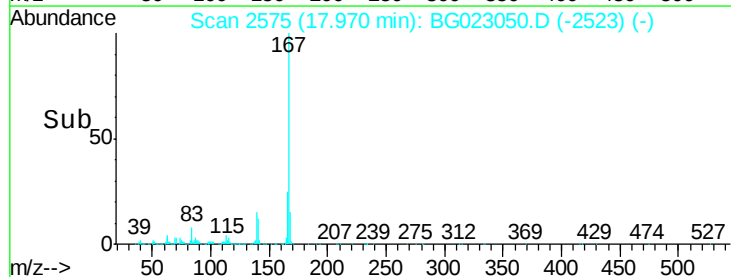
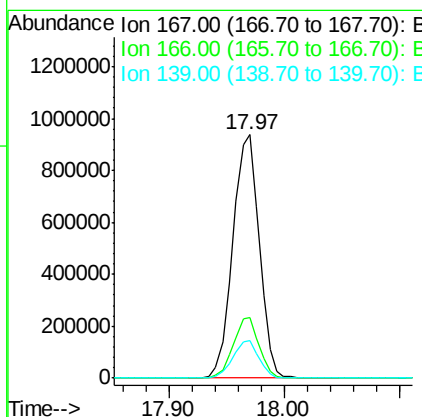
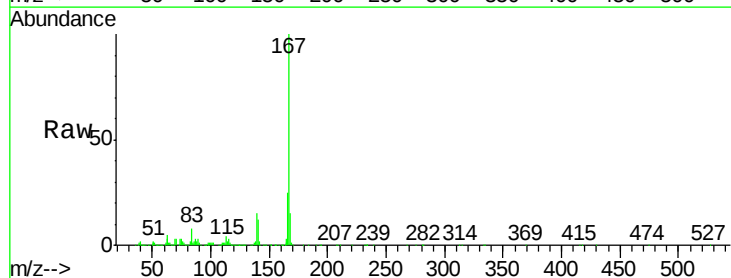
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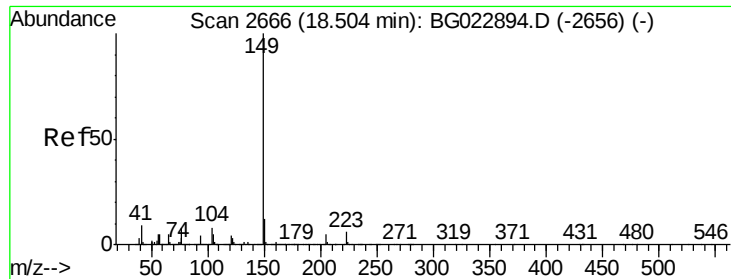


#72
 Carbazole
 Concen: 40.43 ng
 RT: 17.97 min Scan# 2575
 Delta R.T. 0.01 min
 Lab File: BG023050.D
 Acq: 13 Jul 2016 00:47

Tgt Ion:167 Resp: 1488520

Ion	Ratio	Lower	Upper
167	100		
166	25.0	20.7	31.1
139	15.5	11.9	17.9





#73

Di-n-butylphthalate

Concen: 43.10 ng

RT: 18.51 min Scan# 2667

Delta R.T. 0.01 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1764930

Ion Ratio Lower Upper

149 100

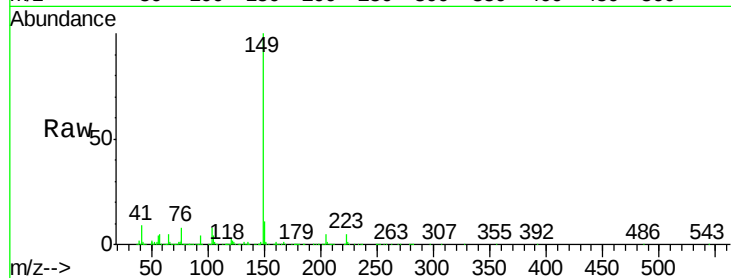
150 11.0 9.1 13.7

104 7.9 6.9 10.3

Manual Integrations

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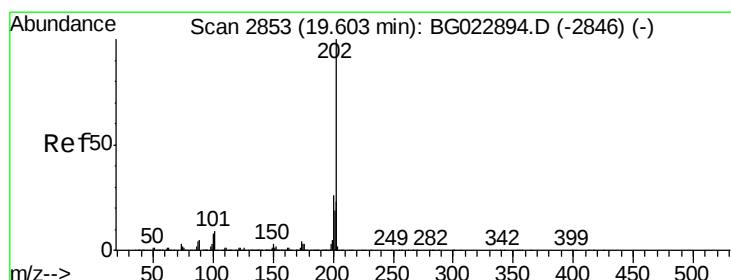
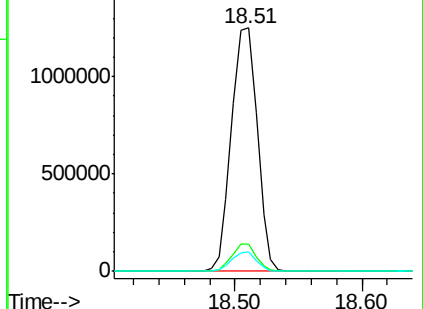
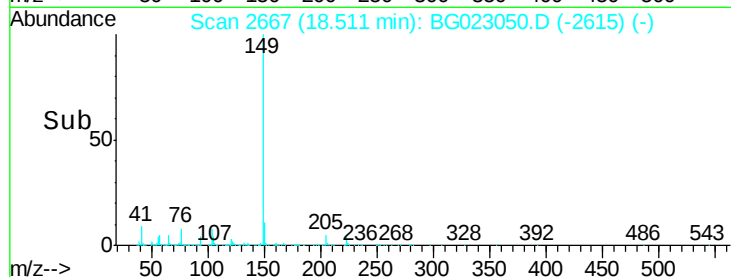
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.07 ng

RT: 19.61 min Scan# 2854

Delta R.T. 0.01 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

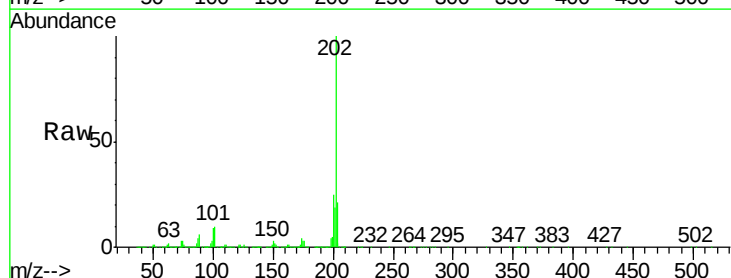
Tgt Ion:202 Resp: 2017617

Ion Ratio Lower Upper

202 100

101 9.5 0.0 27.4

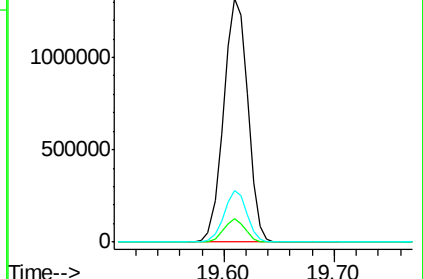
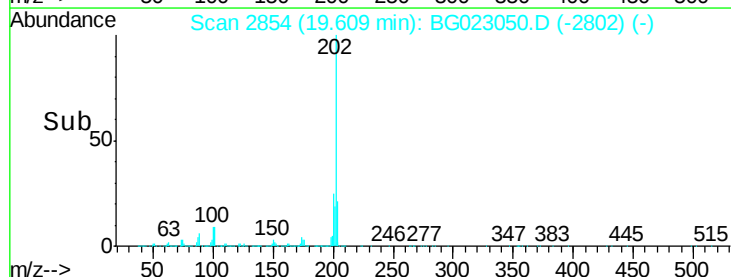
203 21.0 1.7 41.7

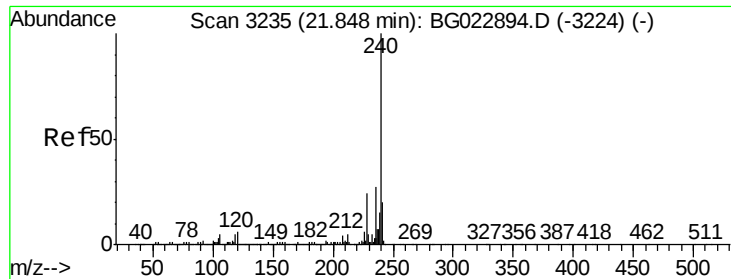


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3239

Delta R.T. 0.02 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 926447

Ion Ratio Lower Upper

240 100

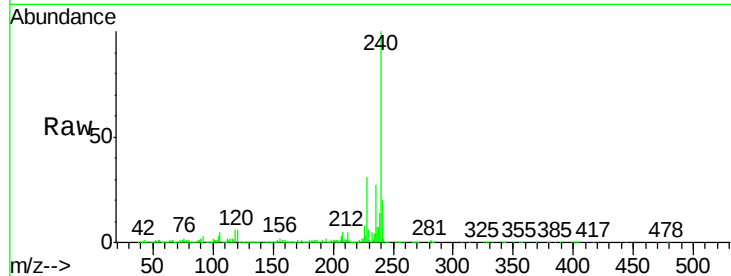
120 6.3 4.1 6.1#

236 27.1 21.1 31.7

Manual Integrations

umangi

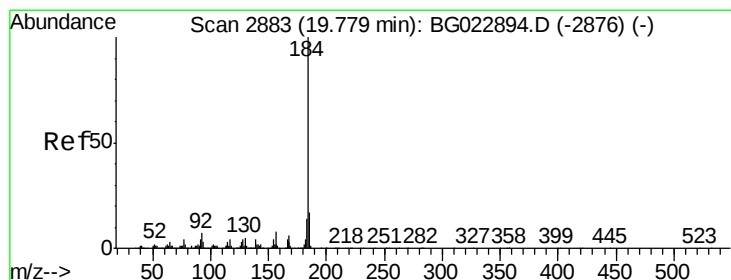
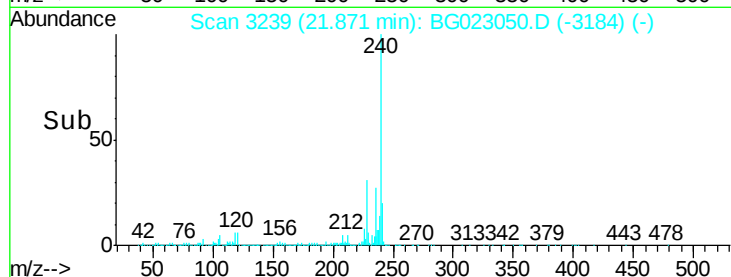
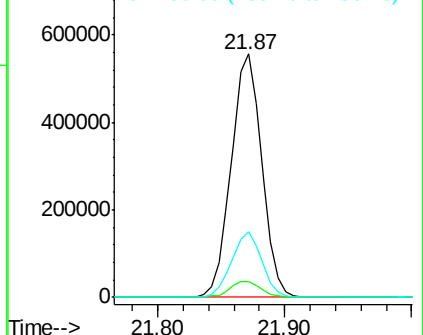
7/13/2016 6:28:38 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 53.47 ng

RT: 19.79 min Scan# 2885

Delta R.T. 0.01 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

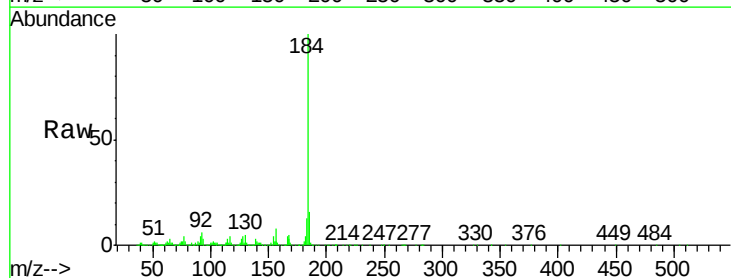
Tgt Ion:184 Resp: 1420245

Ion Ratio Lower Upper

184 100

185 16.1 12.6 19.0

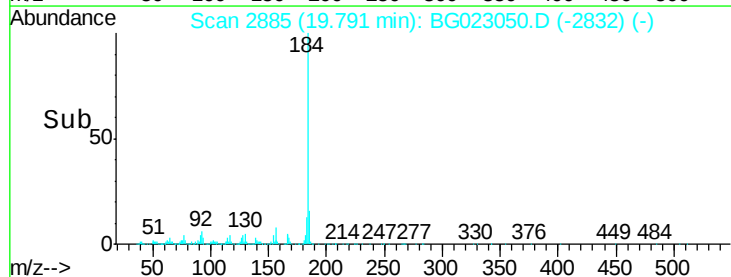
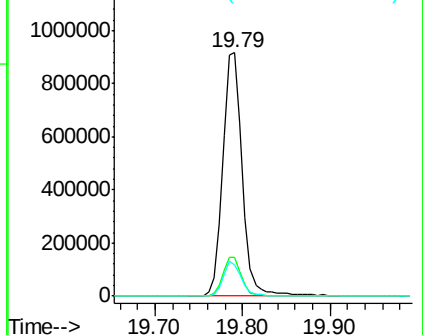
183 13.0 10.7 16.1

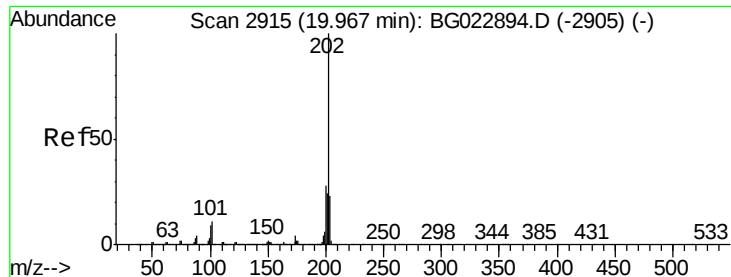


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.53 ng

RT: 19.97 min Scan# 2916

Delta R.T. 0.01 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 2058097

Ion Ratio Lower Upper

202 100

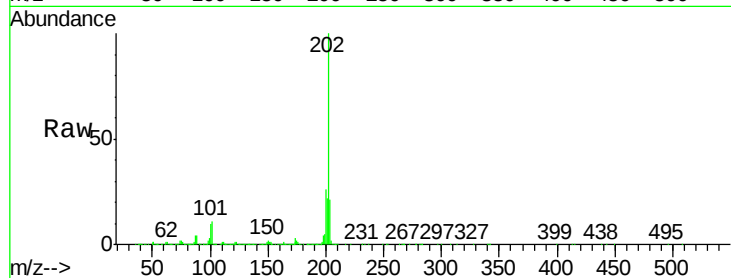
200 26.0 21.2 31.8

203 21.2 16.8 25.2

Manual Integrations

umangi

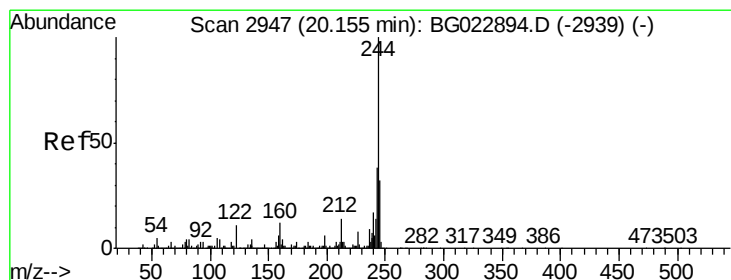
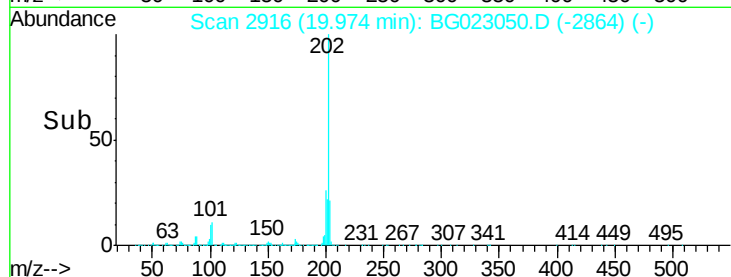
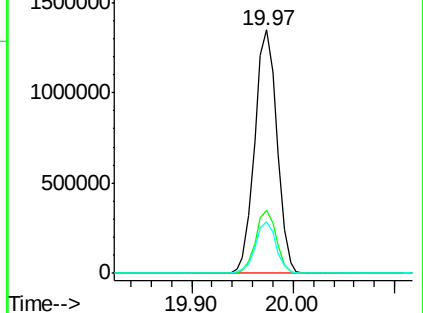
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.79 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

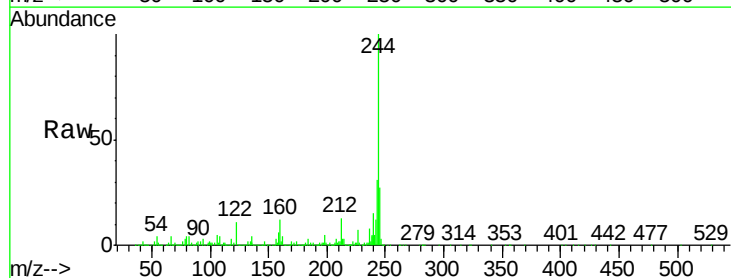
Tgt Ion:244 Resp: 2514871

Ion Ratio Lower Upper

244 100

212 12.5 10.8 16.2

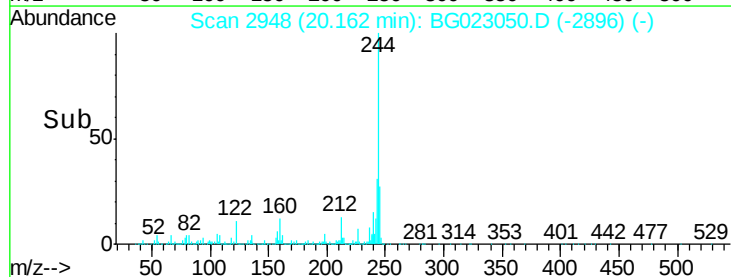
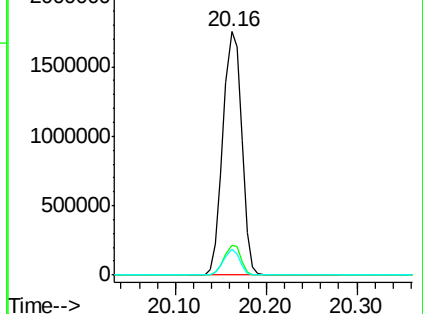
122 10.6 8.0 12.0

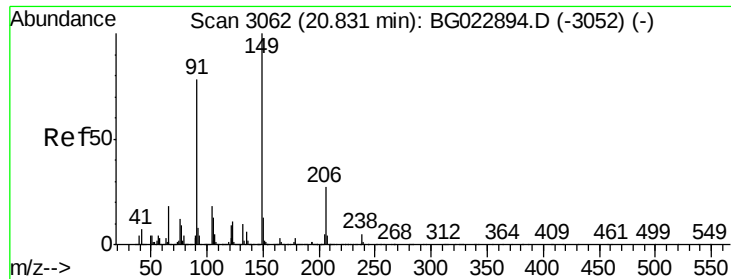


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





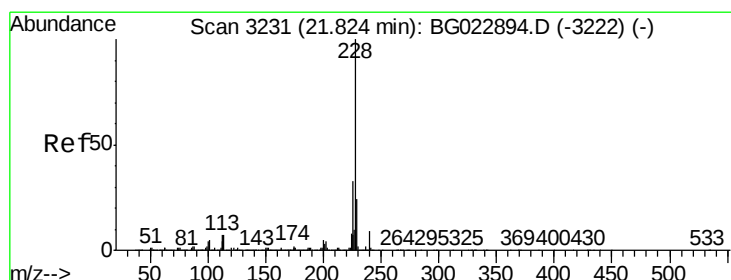
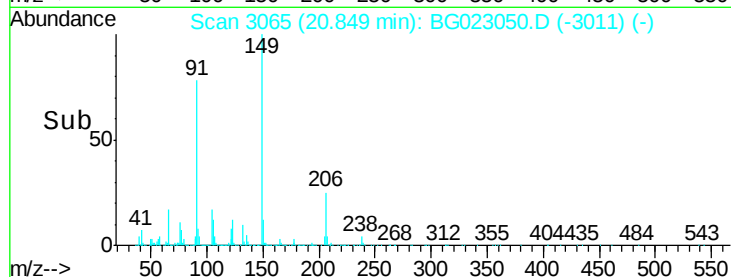
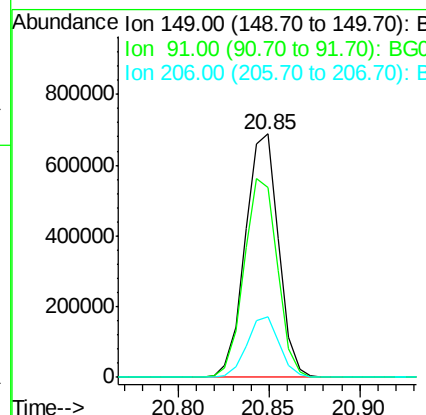
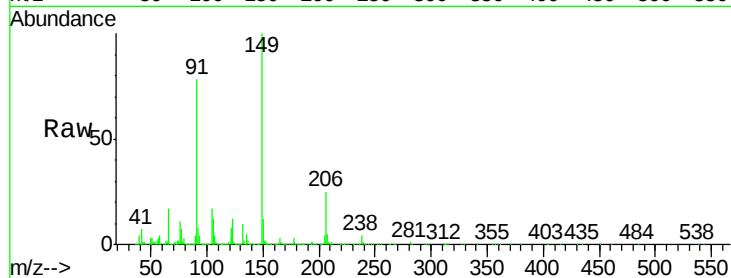
#79
Butylbenzylphthalate
Concen: 42.40 ng
RT: 20.85 min Scan# 3065
Delta R.T. 0.02 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.0	68.1	102.1
206	24.7	19.8	29.6

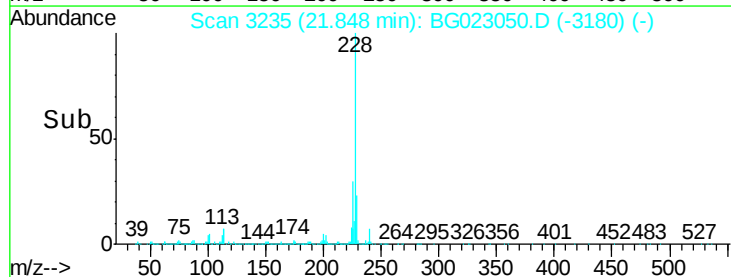
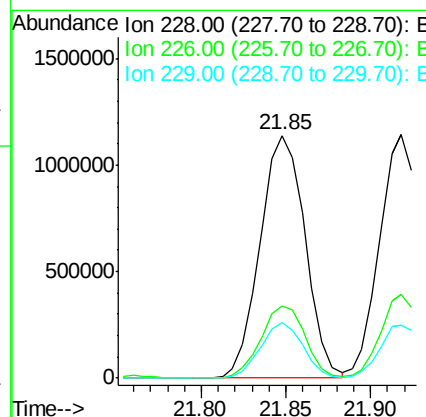
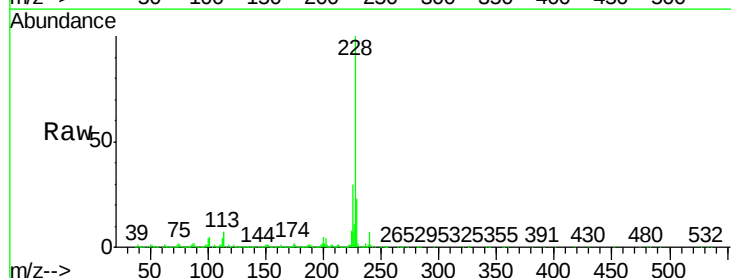
Manual Integrations

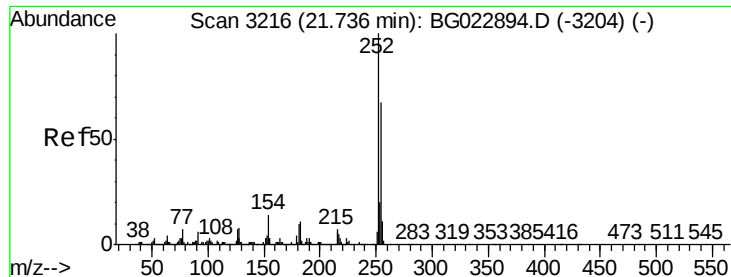
umangi
7/13/2016 6:28:38 PM



#80
Benzo(a)anthracene
Concen: 40.74 ng
RT: 21.85 min Scan# 3235
Delta R.T. 0.02 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.3	37.9
229	22.6	19.9	29.9





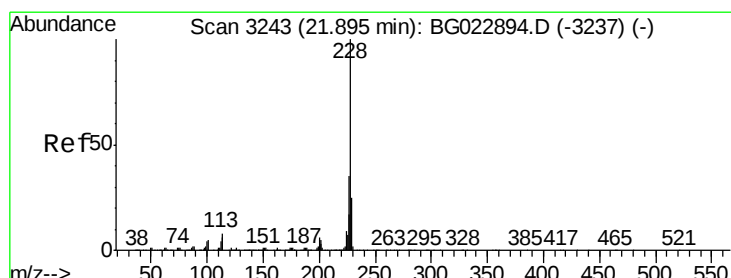
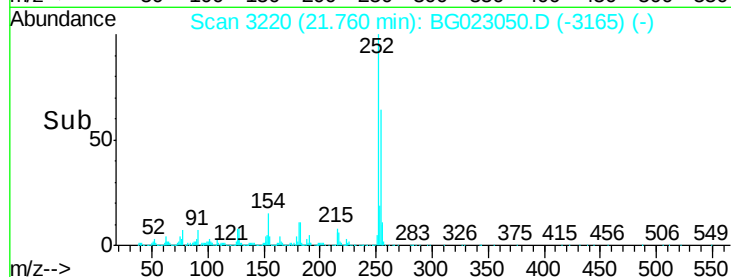
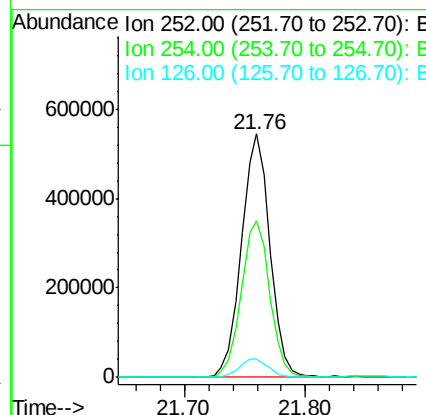
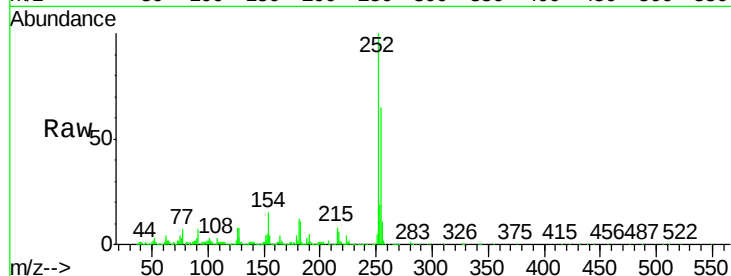
#81
3,3'-Dichlorobenzidine
Concen: 39.36 ng
RT: 21.76 min Scan# 3220
Delta R.T. 0.02 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.2	76.8
126	7.7	5.3	7.9

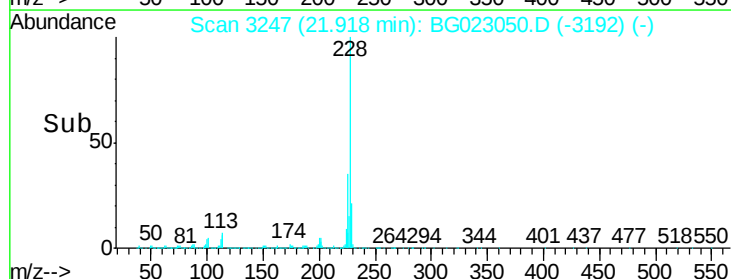
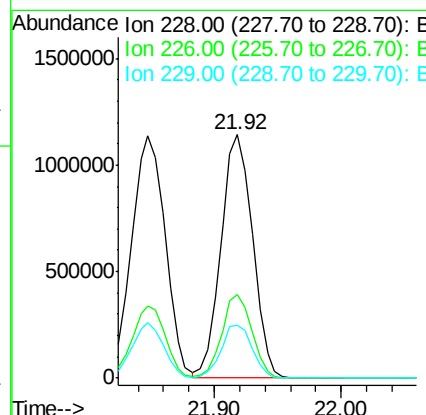
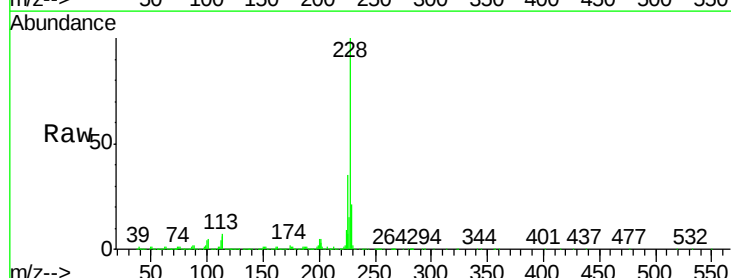
Manual Integrations

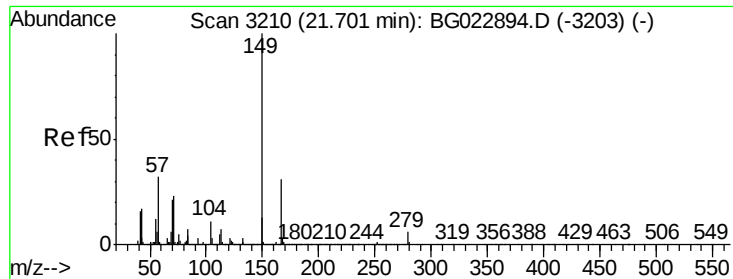
umangi
7/13/2016 6:28:38 PM



#82
Chrysene
Concen: 40.69 ng
RT: 21.92 min Scan# 3247
Delta R.T. 0.02 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.5	26.7	40.1
229	21.5	17.4	26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.67 ng

RT: 21.72 min Scan# 3214

Delta R.T. 0.02 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1193309

Ion Ratio Lower Upper

149 100

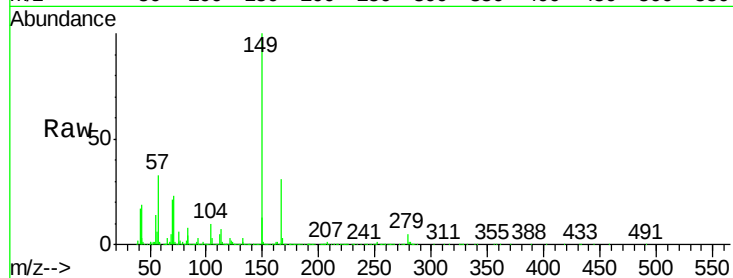
167 30.5 24.0 36.0

279 5.0 4.8 7.2

Manual Integrations

umangi

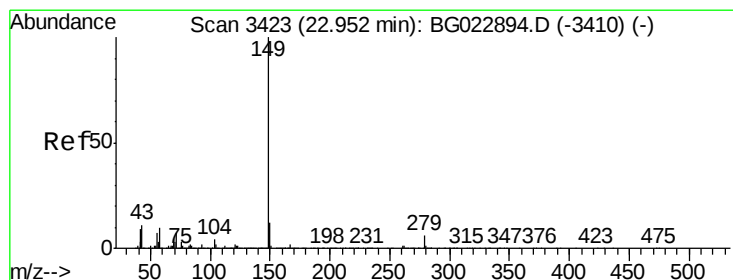
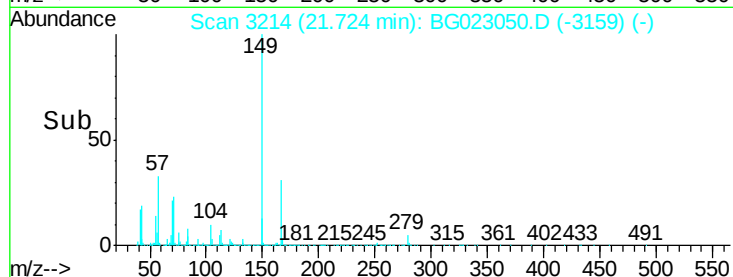
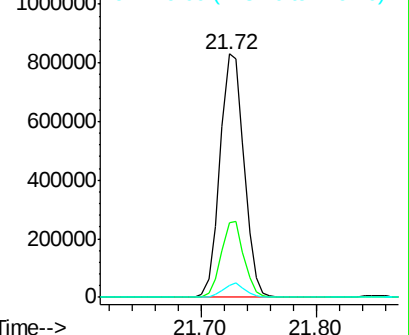
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.60 ng

RT: 22.99 min Scan# 3430

Delta R.T. 0.04 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

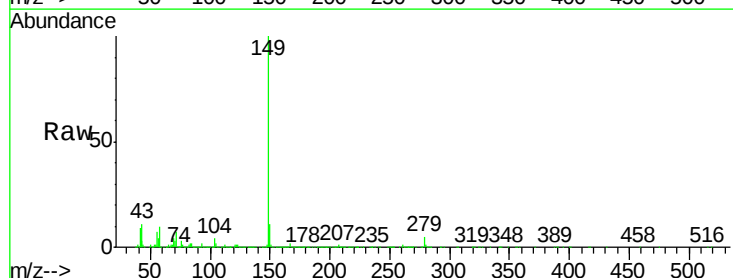
Tgt Ion:149 Resp: 2034070

Ion Ratio Lower Upper

149 100

167 1.6 1.5 2.3

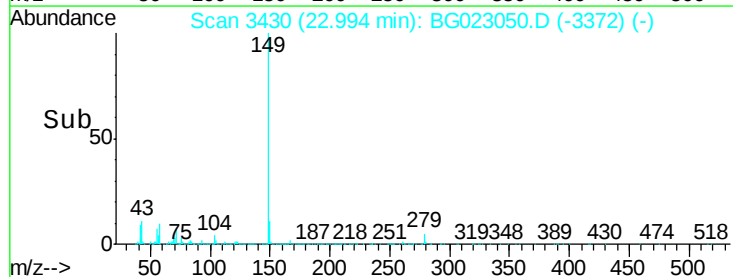
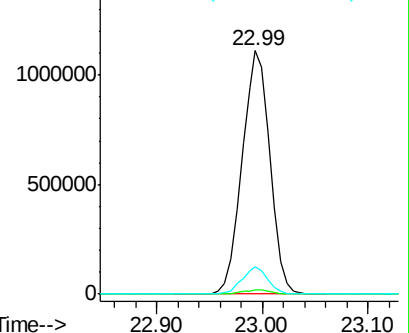
43 10.3 8.8 13.2

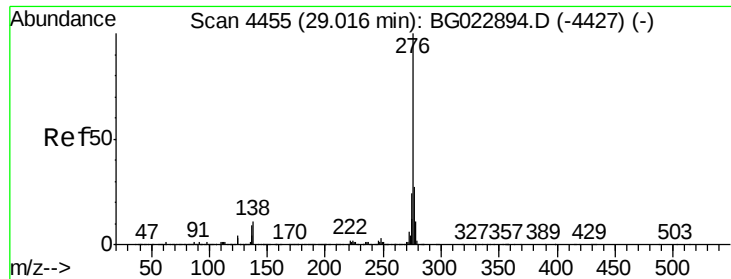


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





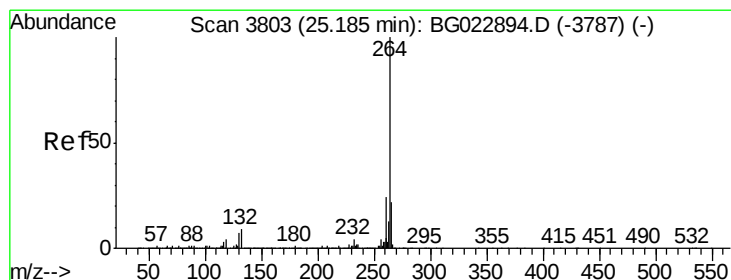
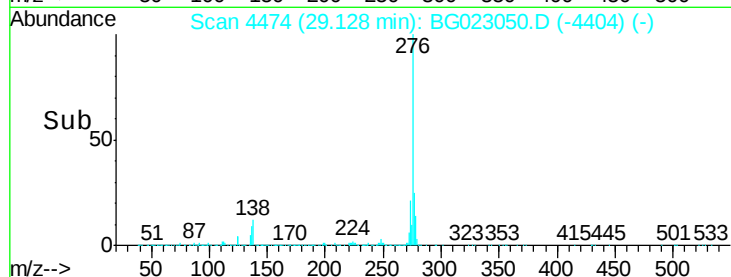
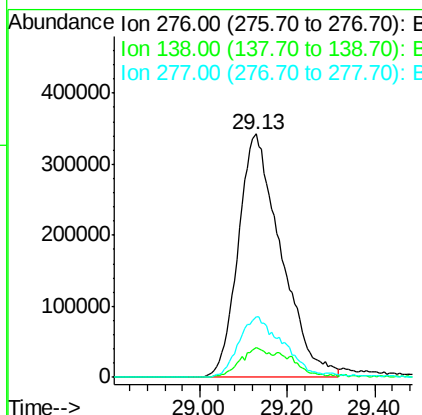
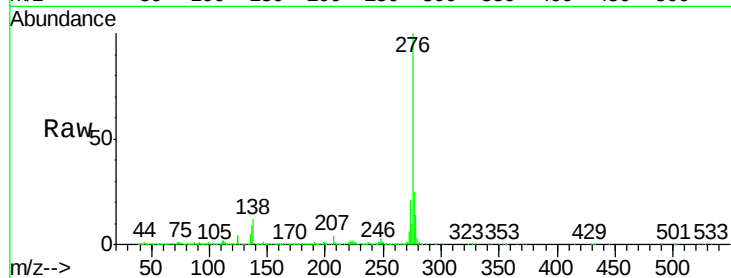
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.65 ng
RT: 29.13 min Scan# 4474
Delta R.T. 0.11 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:276 Resp: 2272229
Ion Ratio Lower Upper
276 100
138 8.6 0.0 0.0#
277 25.8 0.0 0.0#

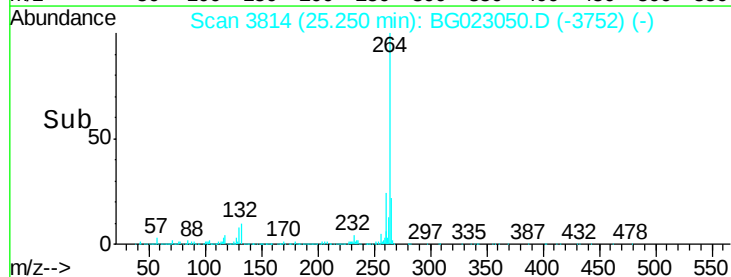
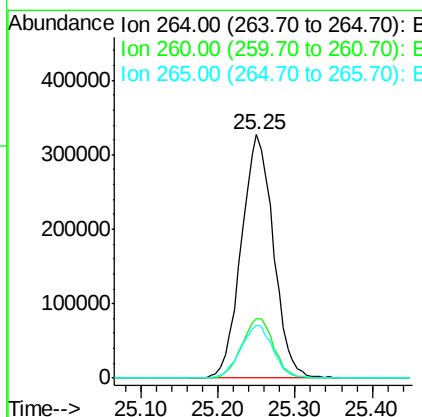
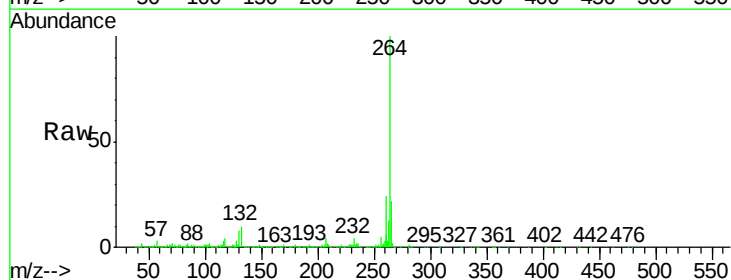
Manual Integrations

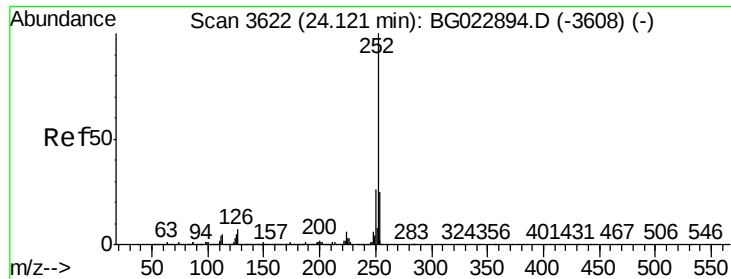
umangi
7/13/2016 6:28:38 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3814
Delta R.T. 0.06 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Tgt Ion:264 Resp: 951104
Ion Ratio Lower Upper
264 100
260 24.1 18.4 27.6
265 21.7 18.9 28.3





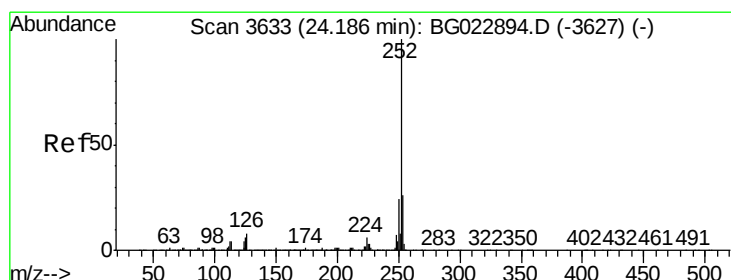
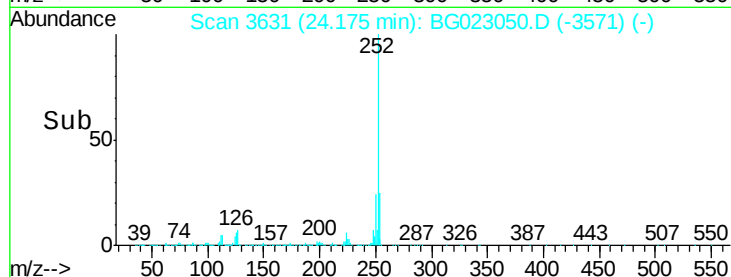
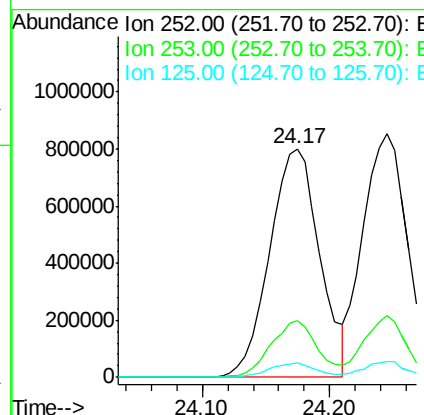
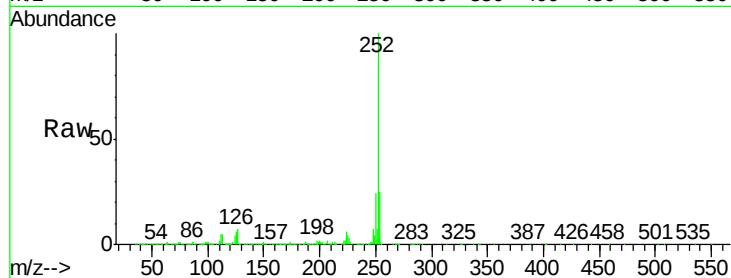
#87
Benzo(b)fluoranthene
Concen: 40.09 ng
RT: 24.17 min Scan# 3631
Delta R.T. 0.05 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 2199858
Ion Ratio Lower Upper
252 100
253 24.8 18.9 28.3
125 6.2 3.9 5.9#

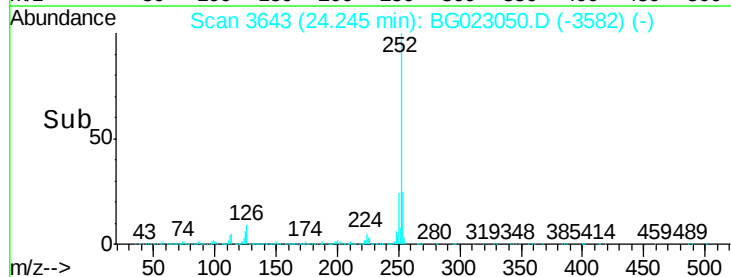
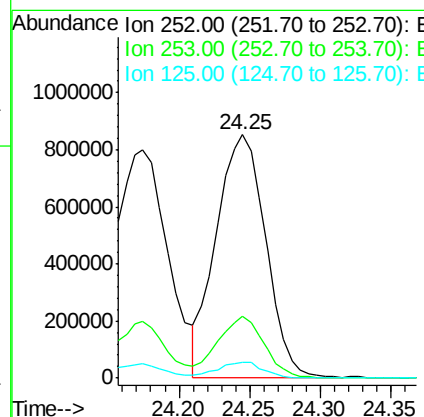
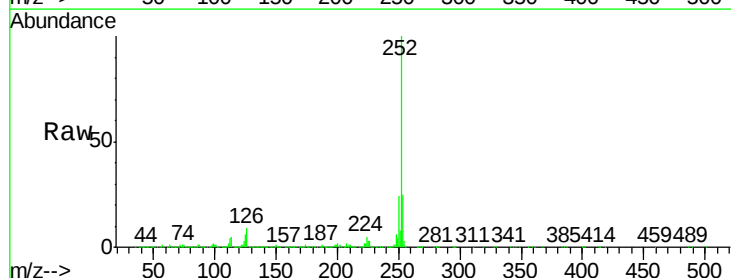
Manual Integrations

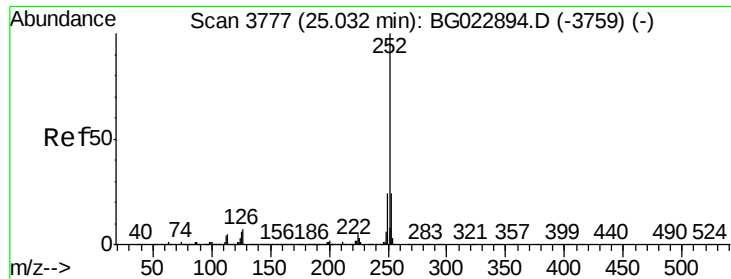
umangi
7/13/2016 6:28:38 PM



#88
Benzo(k)fluoranthene
Concen: 39.82 ng
RT: 24.25 min Scan# 3643
Delta R.T. 0.06 min
Lab File: BG023050.D
Acq: 13 Jul 2016 00:47

Tgt Ion:252 Resp: 2073800
Ion Ratio Lower Upper
252 100
253 25.4 18.8 28.2
125 6.3 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 39.54 ng

RT: 25.09 min Scan# 3787

Delta R.T. 0.06 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

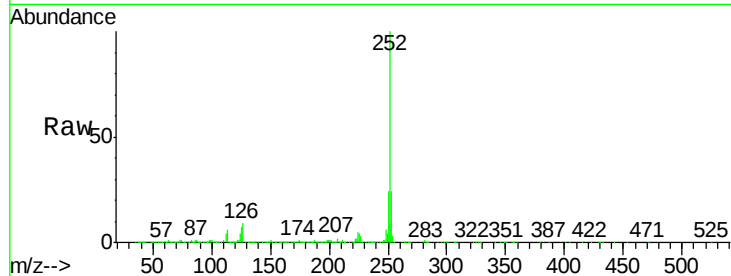
Tot Ion:252 Resp: 2079686

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.7	28.1
125	7.0	3.9	5.9

Manual Integrations

umangi

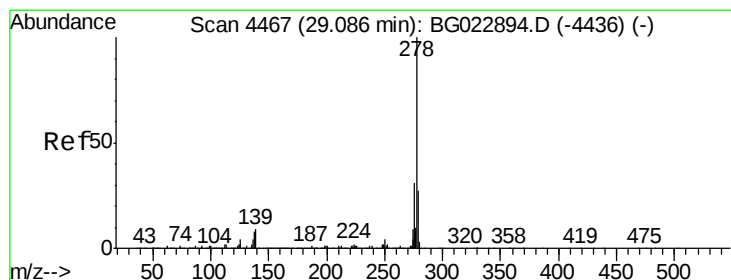
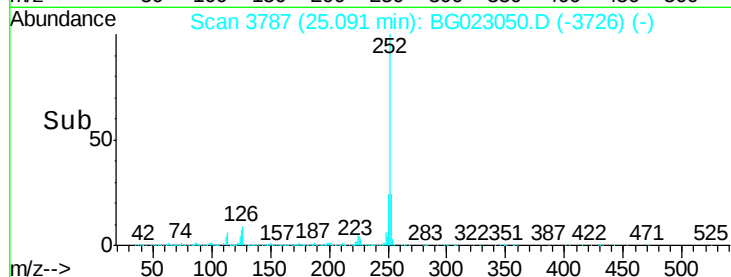
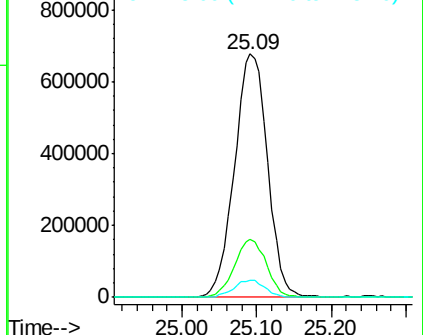
7/13/2016 6:28:38 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.45 ng

RT: 29.19 min Scan# 4485

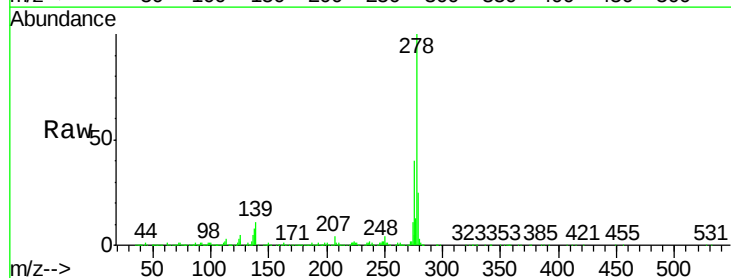
Delta R.T. 0.11 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Tgt Ion:278 Resp: 1955156

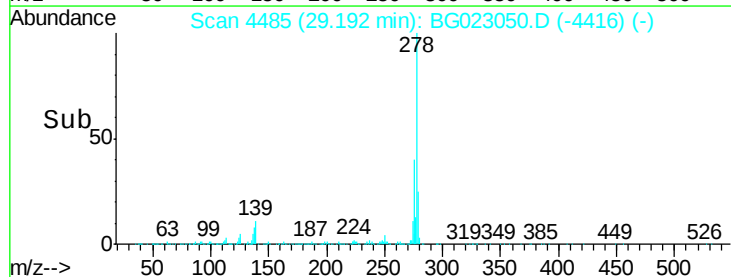
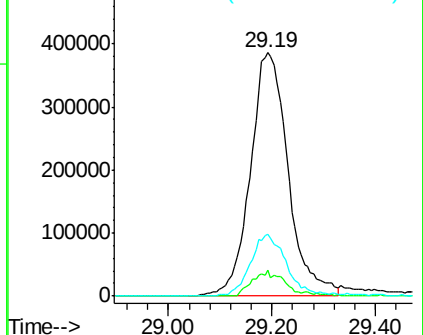
Ion	Ratio	Lower	Upper
278	100		
139	10.6	4.7	7.1
279	25.3	18.3	27.5

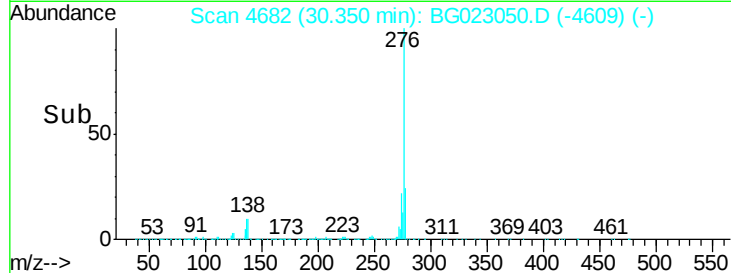
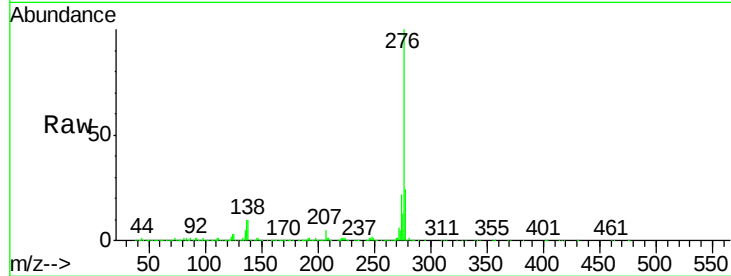
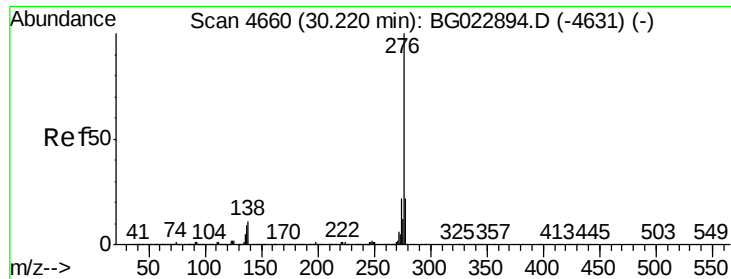


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.13 ng

RT: 30.35 min Scan# 4682

Delta R.T. 0.13 min

Lab File: BG023050.D

Acq: 13 Jul 2016 00:47

Tot Ion:	276	Resp:	1889122
Ion Ratio	Lower	Upper	
276	100		
277	24.2	18.6	27.8
138	10.3	6.8	10.2

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

umangi

7/13/2016 6:28:38 PM

