

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
 Data File : BG023303.D
 Acq On : 28 Jul 2016 4:20
 Operator : UM/SJ
 Sample : PB92411BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92411BS

Manual Integrations

sohil
 7/28/2016 4:58:36 PM

Quant Time: Jul 28 05:35:22 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	180078	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	797792	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	554584	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1232544	20.00	ng	0.00
75) Chrysene-d12	21.90	240	1194033	20.00	ng	0.00
86) Perylene-d12	25.30	264	1233131	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	1403528	133.06	ng	0.00
7) Phenol-d6	7.29	99	2071606	127.92	ng	0.00
23) Nitrobenzene-d5	9.31	82	1333201	81.72	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	888222	154.74	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2628971	88.72	ng	0.00
78) Terphenyl-d14	20.18	244	3184756	86.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	141633	31.31	ng	# 92
3) Pyridine	3.94	79	451275	28.50	ng	# 92
4) n-Nitrosodimethylamine	3.85	42	218253	30.51	ng	# 75
6) Aniline	7.46	93	804458	37.19	ng	95
8) 2-Chlorophenol	7.70	128	536323	45.57	ng	95
9) Benzaldehyde	7.26	77	106231	9.13	ng	96
10) Phenol	7.32	94	774696	45.33	ng	81
11) bis(2-Chloroethyl)ether	7.55	93	548948	37.80	ng	90
12) 1,3-Dichlorobenzene	8.02	146	525068	39.59	ng	95
13) 1,4-Dichlorobenzene	8.17	146	534958	39.54	ng	95
14) 1,2-Dichlorobenzene	8.49	146	523446	40.10	ng	95
15) Benzyl Alcohol	8.37	79	551267	50.58	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.67	45	784439	33.94	ng	90
17) 2-Methylphenol	8.59	107	529013	45.29	ng	# 85
18) Hexachloroethane	9.23	117	204121	36.21	ng	94
19) n-Nitroso-di-n-propylamine	8.94	70	532259	36.54	ng	98
20) 3+4-Methylphenols	8.92	107	731009	46.03	ng	91
22) Acetophenone	8.97	105	860665	41.32	ng	# 91
24) Nitrobenzene	9.36	77	732115	38.65	ng	# 89
25) Isophorone	9.88	82	1375709	40.83	ng	# 92
26) 2-Nitrophenol	10.07	139	314014	43.88	ng	# 75
27) 2,4-Dimethylphenol	10.13	122	584124	48.43	ng	84
28) bis(2-Chloroethoxy)methane	10.37	93	817357	43.23	ng	99
29) 2,4-Dichlorophenol	10.62	162	591634	50.67	ng	100
30) 1,2,4-Trichlorobenzene	10.83	180	551478	42.74	ng	98
31) Naphthalene	11.02	128	1612487	43.50	ng	99
32) Benzoic acid	10.27	122	366401	39.12	ng	91
33) 4-Chloroaniline	11.14	127	360014	21.02	ng	95
34) Hexachlorobutadiene	11.31	225	347938	41.14	ng	97
35) Caprolactam	11.92	113	239927m	48.32	ng	
36) 4-Chloro-3-methylphenol	12.26	107	700136	45.64	ng	86
37) 2-Methylnaphthalene	12.63	142	1258588	45.79	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	639310	35.61	ng	97
40) Hexachlorocyclopentadiene	12.97	237	819173	96.28	ng	98

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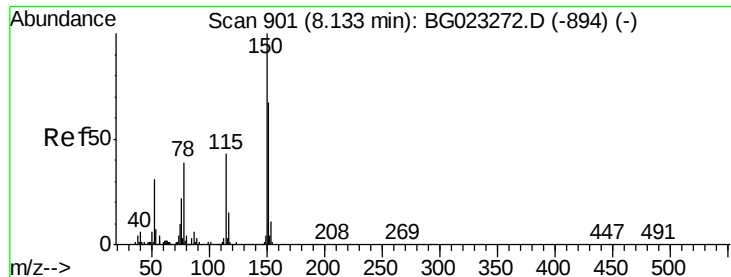
Manual Integrations

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 7/28/2016 4:58:36 PM

Quant Time: Jul 28 05:35:22 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	498265	47.25	nq	99
43) 2,4,5-Trichlorophenol	13.32	196	542417	48.48	nq	94
45) 1,1'-Biphenyl	13.64	154	1668109	43.13	nq	92
46) 2-Chloronaphthalene	13.69	162	1319971	42.59	nq	95
47) 2-Nitroaniline	13.89	65	562509	42.90	nq	91
48) Acenaphthylene	14.53	152	2071612	43.66	nq	94
49) Dimethylphthalate	14.26	163	1726862	42.19	nq	96
50) 2,6-Dinitrotoluene	14.38	165	418125	43.63	nq	# 79
51) Acenaphthene	14.87	154	1341376	43.58	nq	99
52) 3-Nitroaniline	14.72	138	377866	39.15	nq	# 83
53) 2,4-Dinitrophenol	14.92	184	525327	93.62	nq	# 85
54) Dibenzofuran	15.21	168	2049226	47.05	nq	97
55) 4-Nitrophenol	15.04	139	730435	87.24	nq	# 74
56) 2,4-Dinitrotoluene	15.17	165	599037	44.39	nq	95
57) Fluorene	15.86	166	1692471	44.01	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	492493	52.00	nq	92
59) Diethylphthalate	15.62	149	1777033	42.39	nq	95
60) 4-Chlorophenyl-phenylether	15.85	204	879339	42.24	nq	98
61) 4-Nitroaniline	15.89	138	458880	45.34	nq	# 65
62) Azobenzene	16.14	77	1968890	45.30	nq	91
64) 4,6-Dinitro-2-methylphenol	15.94	198	374557	47.31	nq	94
65) n-Nitrosodiphenylamine	16.06	169	1560071	47.41	nq	# 92
66) 4-Bromophenyl-phenylether	16.75	248	600418	48.18	nq	95
67) Hexachlorobenzene	16.87	284	614262	49.02	nq	96
68) Atrazine	17.02	200	602457	47.73	nq	96
69) Pentachlorophenol	17.22	266	748692	96.81	nq	97
70) Phenanthrene	17.62	178	2551537m	47.33	nq	
71) Anthracene	17.71	178	2625271	48.19	nq	93
72) Carbazole	17.98	167	2421637	48.54	nq	97
73) Di-n-butylphthalate	18.52	149	2650024	47.61	nq	97
74) Fluoranthene	19.62	202	2798021	45.48	nq	88
76) Benzidine	19.81	184	1783183	53.10	nq	99
77) Pyrene	19.99	202	2806478	41.42	nq	93
79) Butylbenzylphthalate	20.86	149	1372394	46.04	nq	96
80) Benzo(a)anthracene	21.87	228	2798002	44.76	nq	97
81) 3,3'-Dichlorobenzidine	21.79	252	836242	32.99	nq	# 97
82) Chrysene	21.94	228	2615805	43.31	nq	93
83) Bis(2-ethylhexyl)phthalate	21.75	149	1862463	44.65	nq	# 96
84) Di-n-octyl phthalate	23.03	149	3049955	44.70	nq	99
85) Indeno(1,2,3-cd)pyrene	29.21	276	3615316	51.32	nq	# 100
87) Benzo(b)fluoranthene	24.22	252	3012990	45.99	nq	# 95
88) Benzo(k)fluoranthene	24.28	252	2884357	44.04	nq	# 92
89) Benzo(a)pyrene	25.13	252	2952366	45.99	nq	# 95
90) Dibenzo(a,h)anthracene	29.27	278	2972819	48.96	nq	# 90
91) Benzo(g,h,i)perylene	30.42	276	2992285	46.81	nq	# 87

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Instrument :

BNA_G

ClientSampleId :

PB92411BS

Tot Ion:152 Resp: 180078

Ion Ratio Lower Upper

152 100

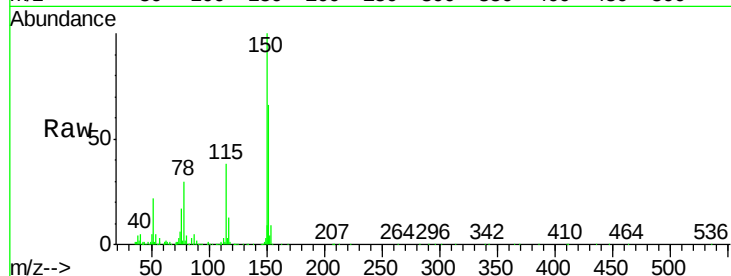
150 152.7 144.7 217.1

115 57.5 64.0 96.0#

Manual Integrations

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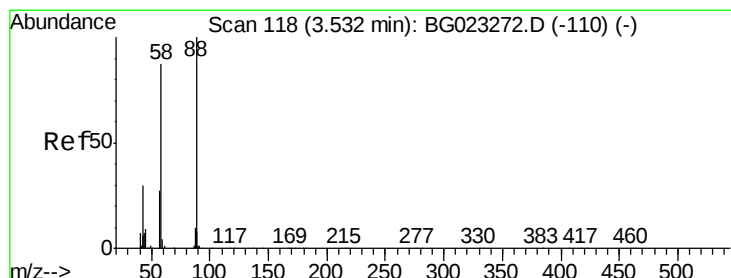
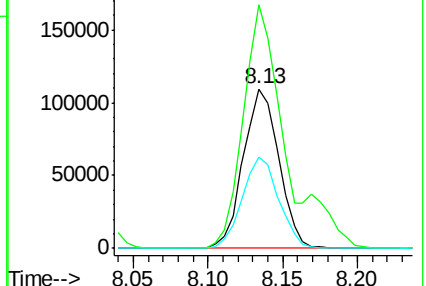
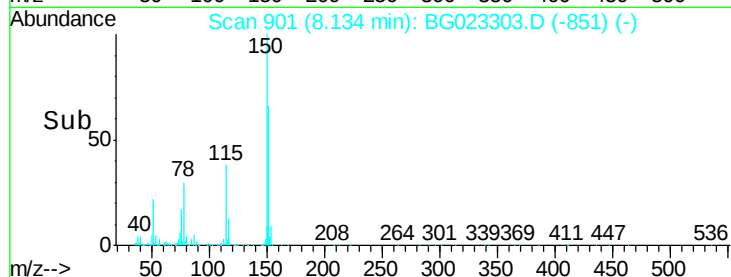
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.31 ng

RT: 3.53 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

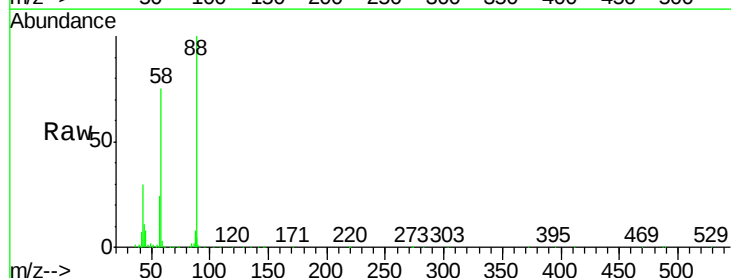
Tgt Ion: 88 Resp: 141633

Ion Ratio Lower Upper

88 100

58 79.6 60.4 90.6

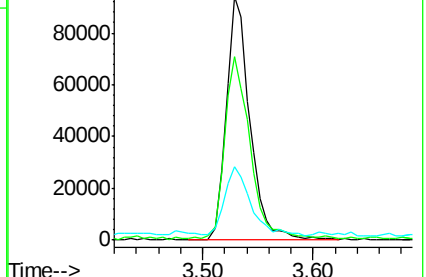
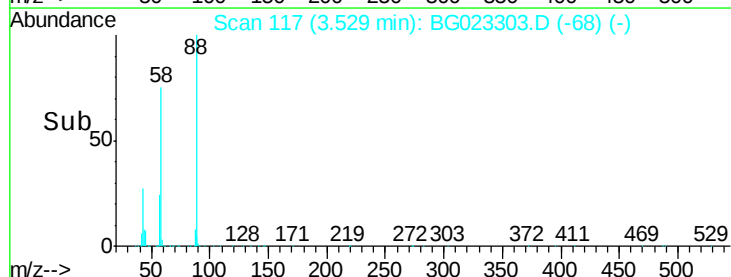
43 30.6 31.1 46.7#

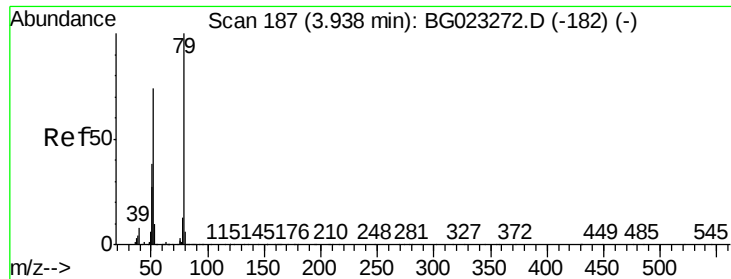


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.50 ng

RT: 3.94 min Scan# 187

Delta R.T. -0.02 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Instrument :

BNA_G

ClientSampleId :

PB92411BS

Tot Ion: 79 Resp: 451275

Ion Ratio Lower Upper

79 100

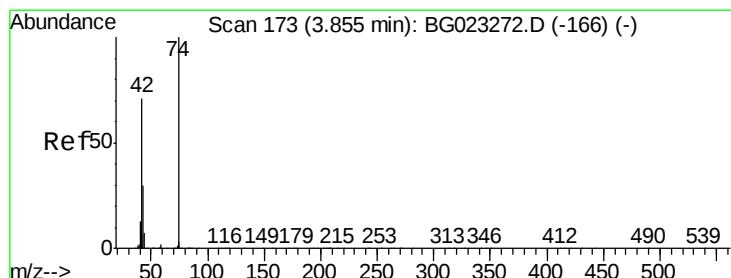
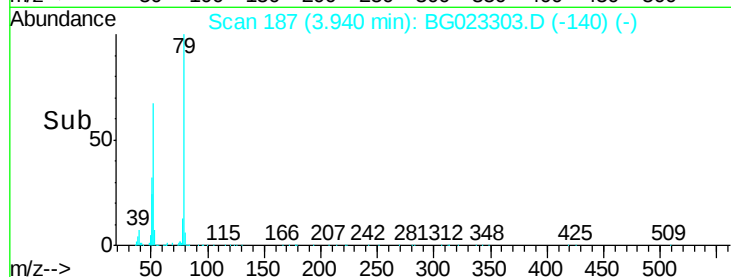
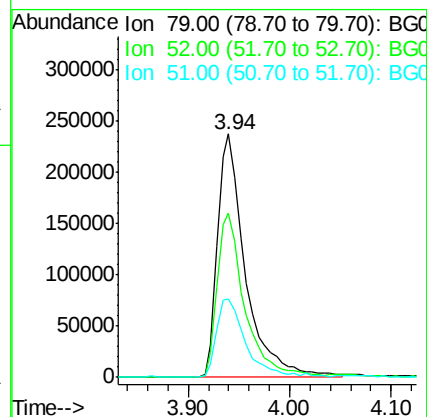
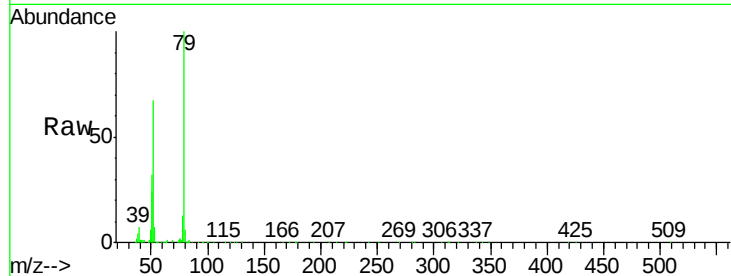
52 67.4 51.8 77.8

51 32.1 32.7 49.1#

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 30.51 ng

RT: 3.85 min Scan# 172

Delta R.T. -0.01 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

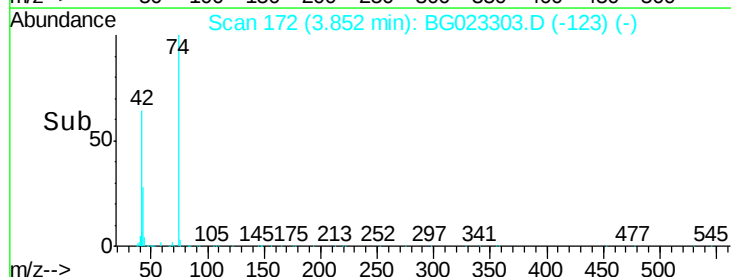
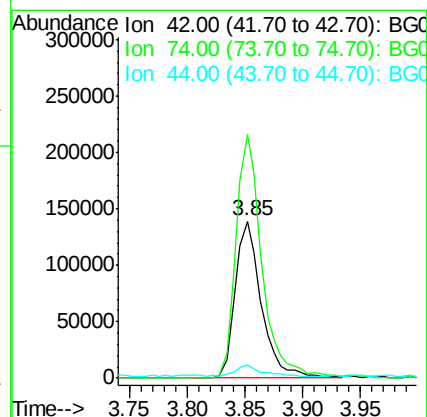
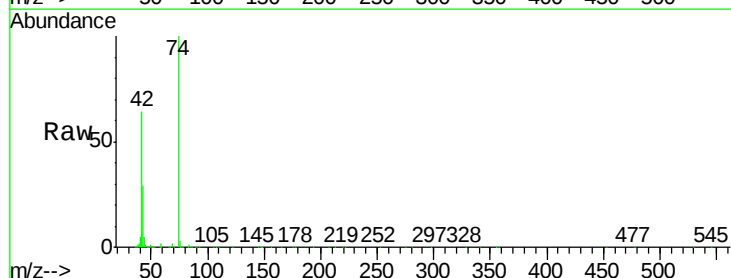
Tgt Ion: 42 Resp: 218253

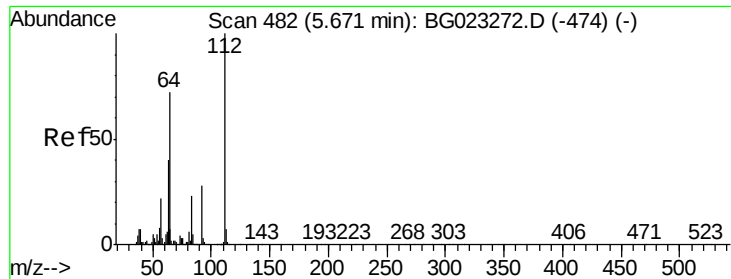
Ion Ratio Lower Upper

42 100

74 155.1 100.6 150.8#

44 8.3 4.5 6.7#





#5

2-Fluorophenol

Concen: 133.06 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Instrument :

BNA_G

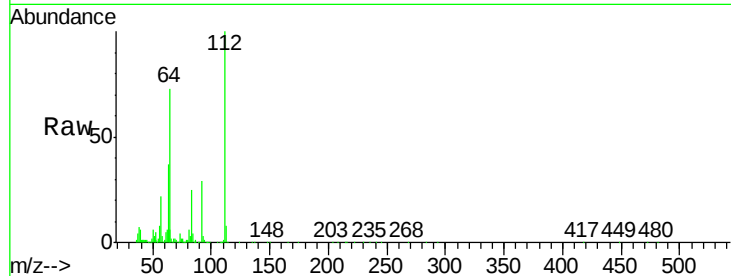
ClientSampled :

PB92411BS

Manual Integrations

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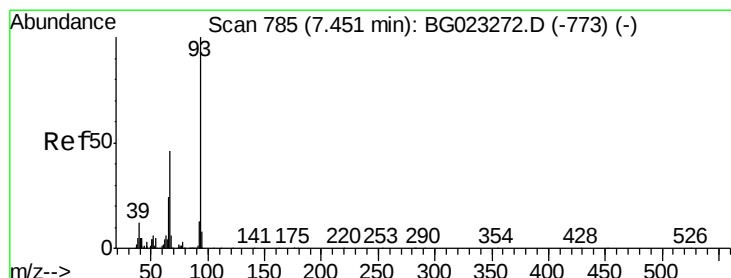
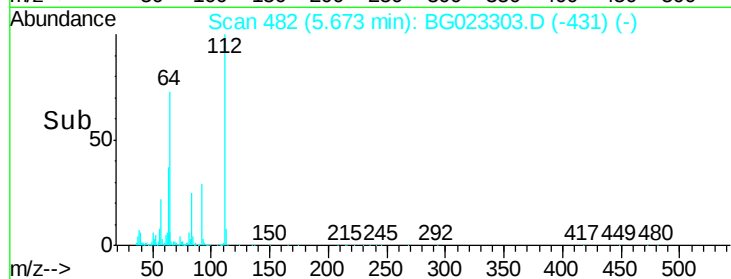
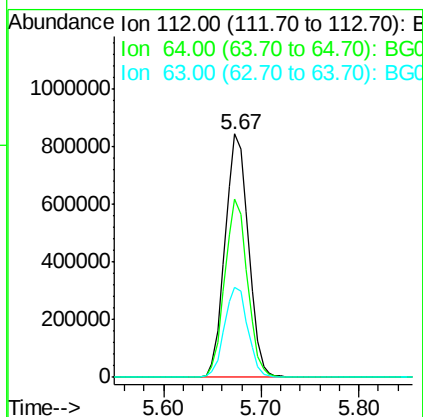
Tot Ion: 112 Resp: 1403528

Ion Ratio Lower Upper

112 100

64 73.1 59.0 88.4

63 37.2 37.8 56.8#



#6

Aniline

Concen: 37.19 ng

RT: 7.46 min Scan# 786

Delta R.T. 0.01 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

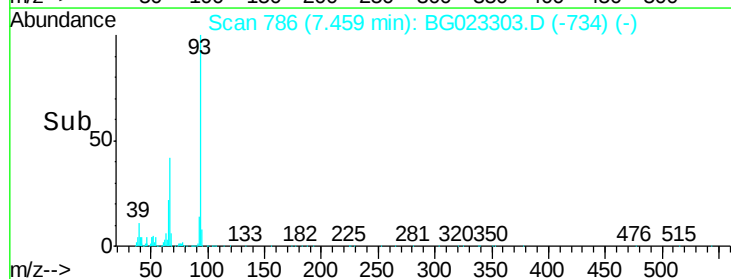
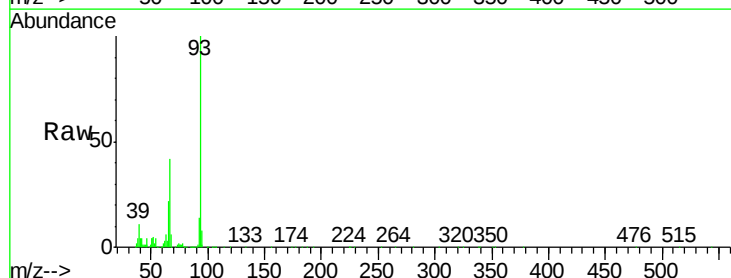
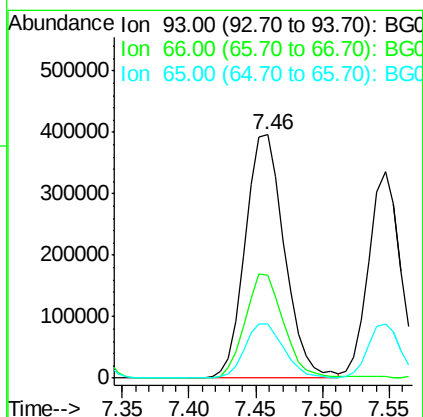
Tgt Ion: 93 Resp: 804458

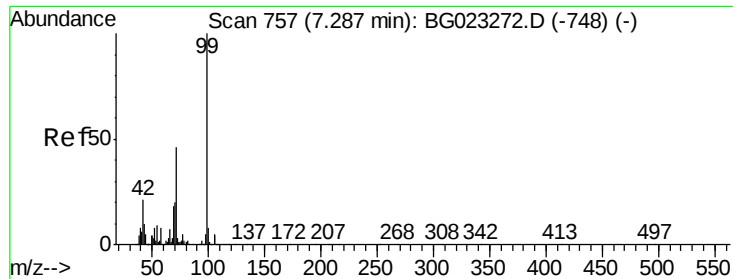
Ion Ratio Lower Upper

93 100

66 42.1 37.5 56.3

65 22.2 17.9 26.9





#7

Phenol-d6

Concen: 127.92 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.01 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Instrument :

BNA_G

ClientSampleId :

PB92411BS

Tot Ion: 99 Resp: 2071606

Ion Ratio Lower Upper

99 100

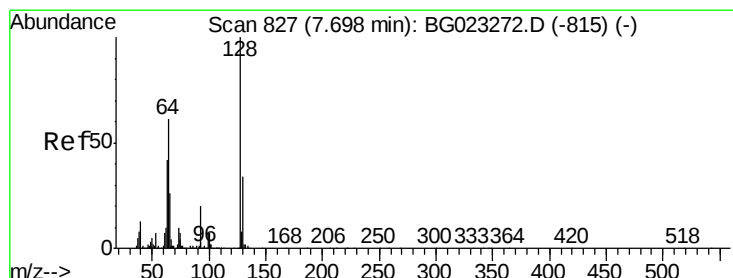
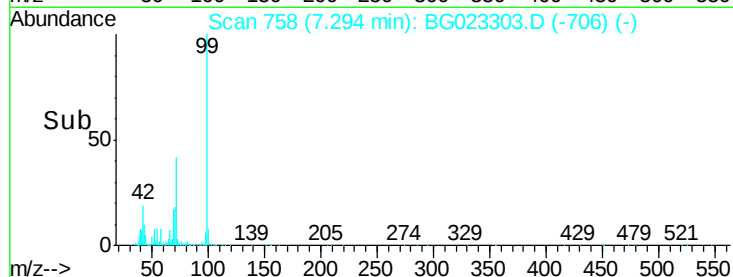
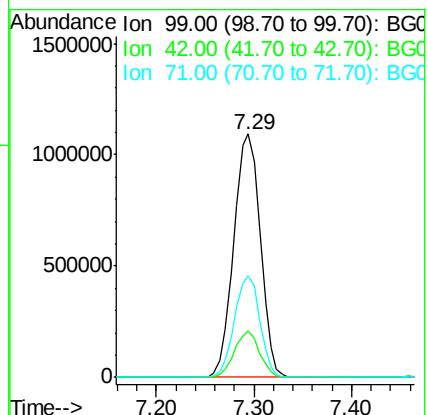
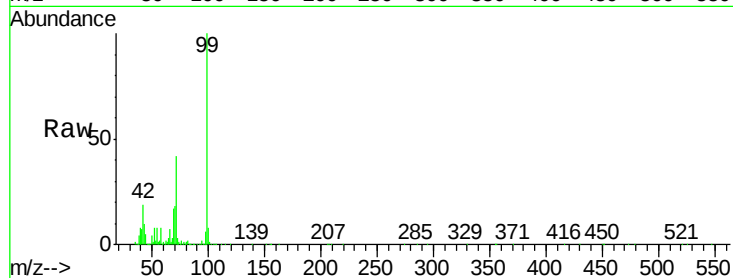
42 18.9 17.8 26.6

71 41.8 41.5 62.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 45.57 ng

RT: 7.70 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

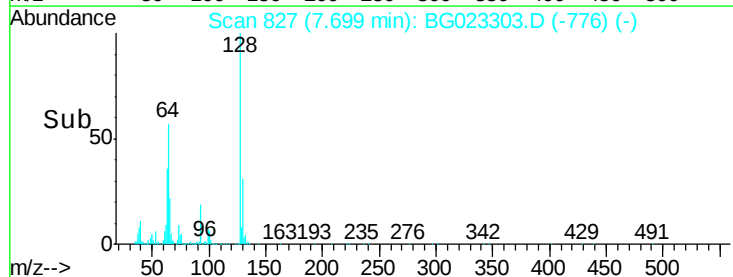
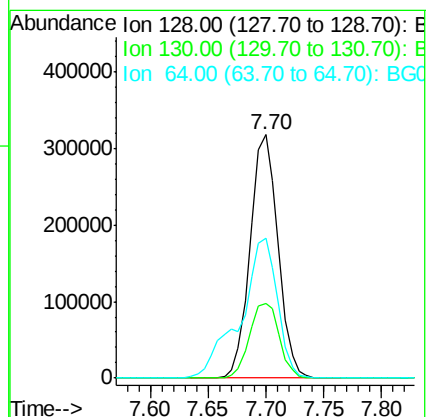
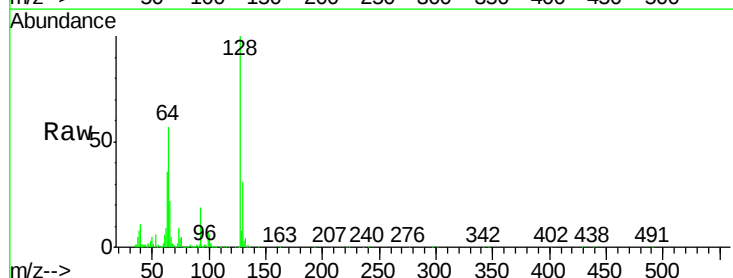
Tgt Ion: 128 Resp: 536323

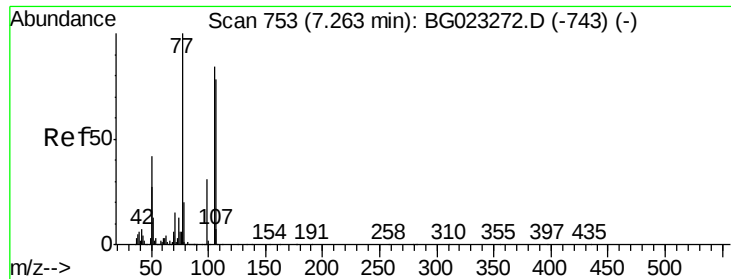
Ion Ratio Lower Upper

128 100

130 30.6 12.9 52.9

64 57.2 42.0 82.0





#9

Benzaldehyde

Concen: 9.13 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Instrument :

BNA_G

ClientSampleId :

PB92411BS

Tot Ion: 77 Resp: 106231

Ion Ratio Lower Upper

77 100

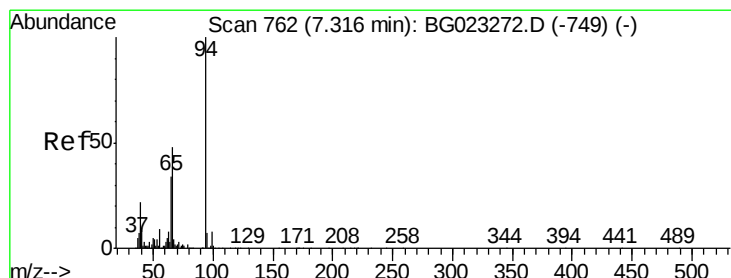
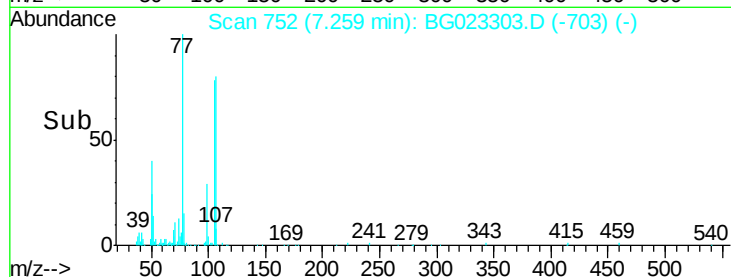
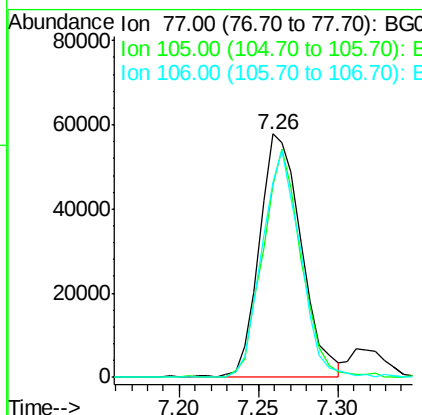
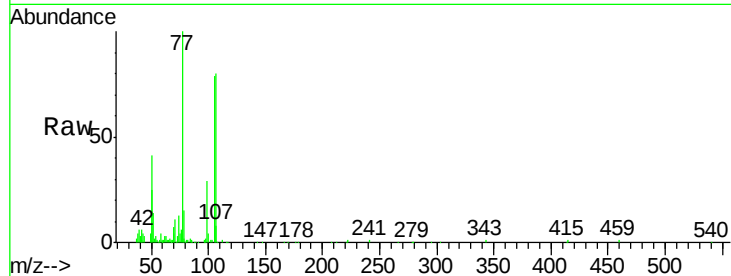
105 78.8 58.7 98.7

106 79.9 67.5 107.5

Manual Integrations

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#10

Phenol

Concen: 45.33 ng

RT: 7.32 min Scan# 762

Delta R.T. 0.00 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

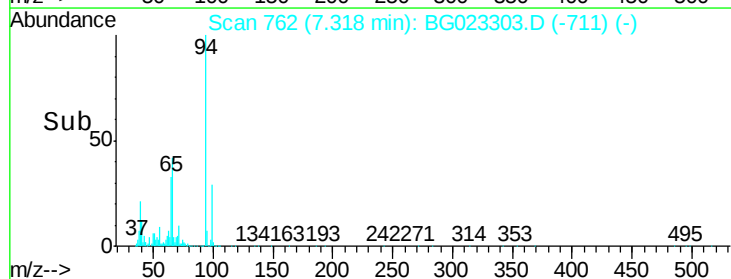
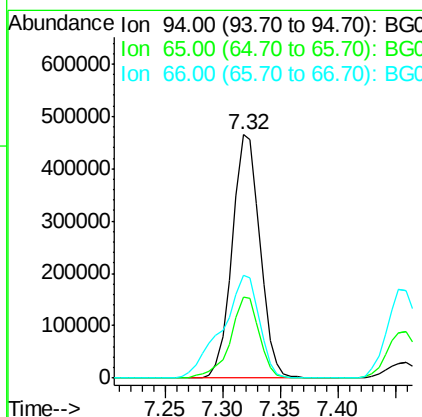
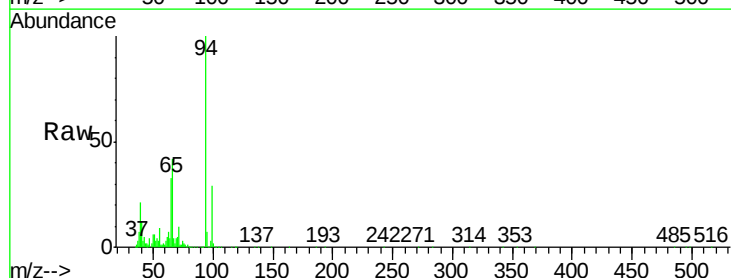
Tgt Ion: 94 Resp: 774696

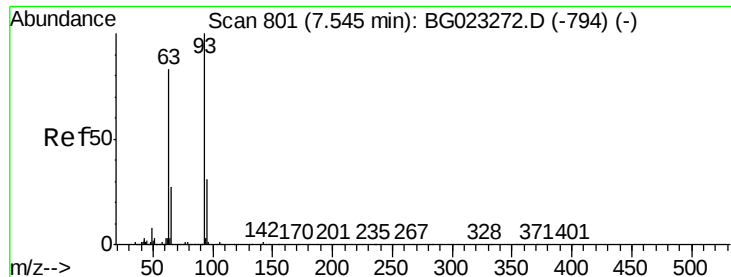
Ion Ratio Lower Upper

94 100

65 33.1 18.1 58.1

66 42.2 42.1 82.1





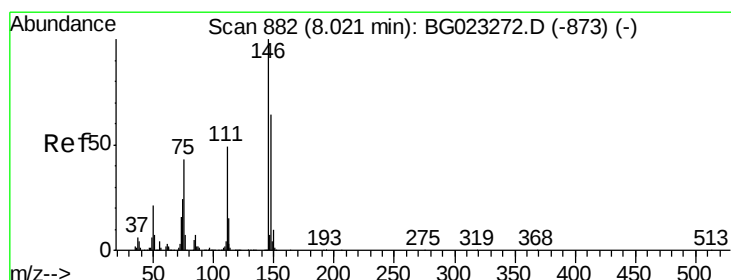
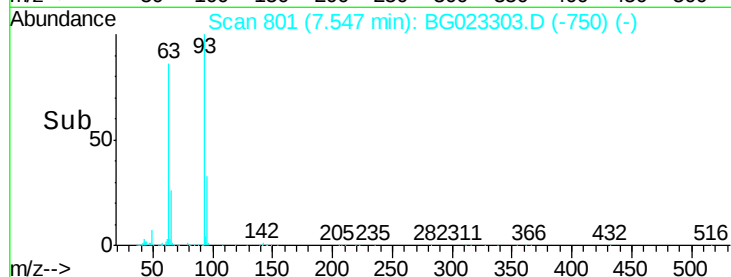
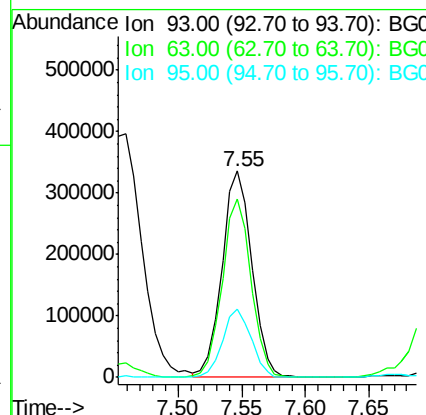
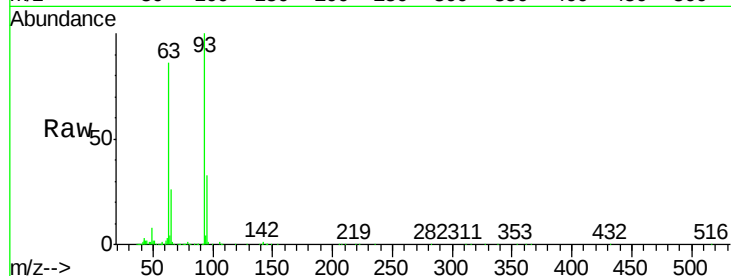
#11
bis(2-Chloroethyl)ether
Concen: 37.80 ng
RT: 7.55 min Scan# 801
Delta R.T. 0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Instrument :
BNA_G
ClientSampled :
PB92411BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.1	55.0	95.0
95	32.9	11.0	51.0

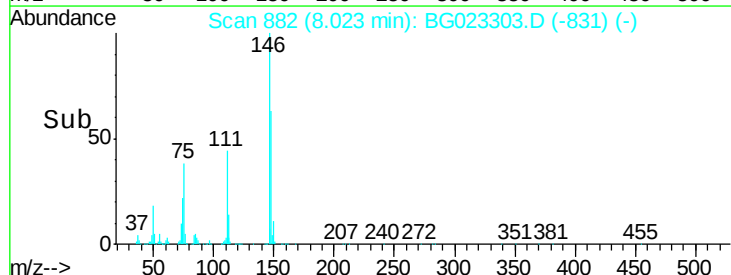
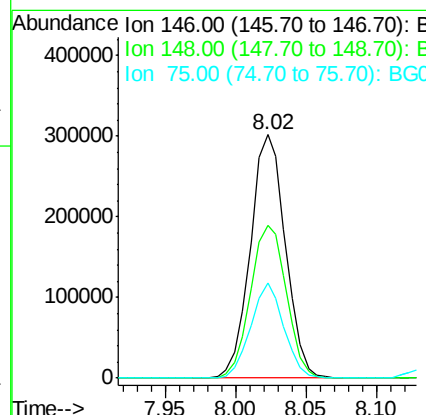
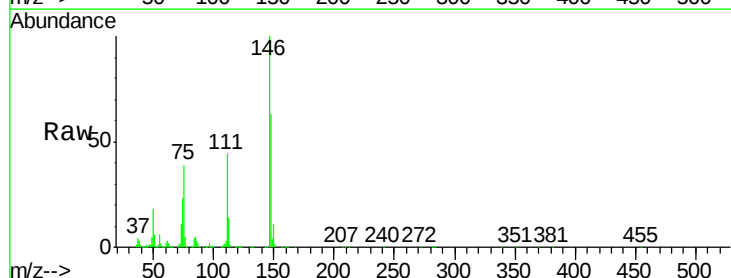
Manual Integrations

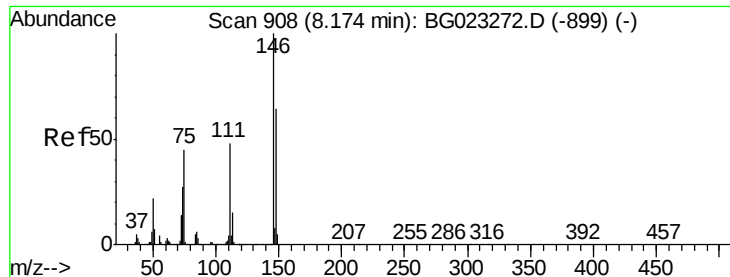
sohil
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#12
1,3-Dichlorobenzene
Concen: 39.59 ng
RT: 8.02 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.3	75.5
75	38.9	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 39.54 ng

RT: 8.17 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Instrument :

BNA_G

ClientSampleId :

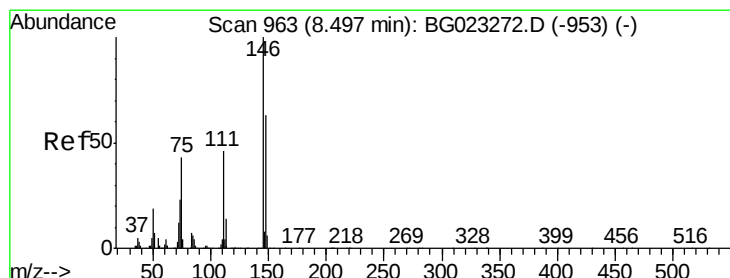
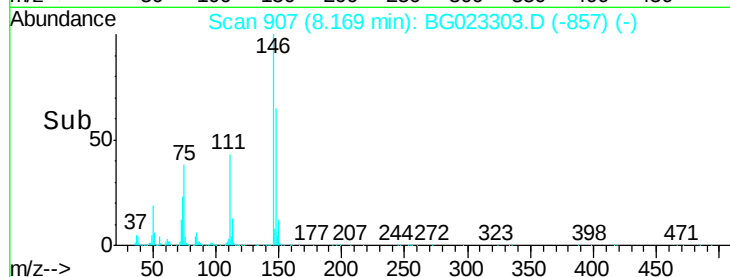
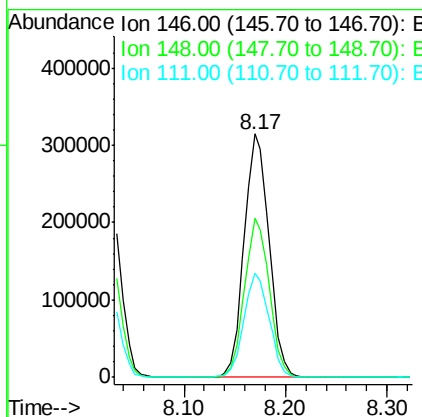
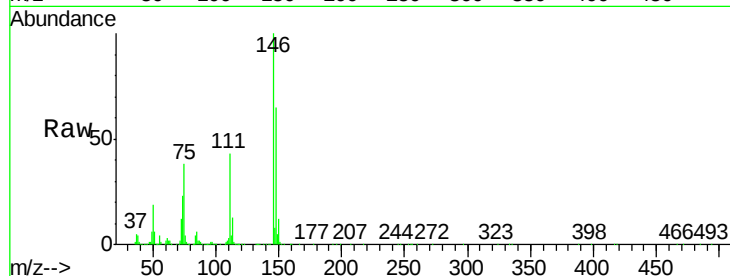
PB92411BS

Tot Ion:	146	Resp:	534958
Ion Ratio	Lower	Upper	
146	100		
148	65.5	54.5	81.7
111	42.8	37.8	56.8

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 40.10 ng

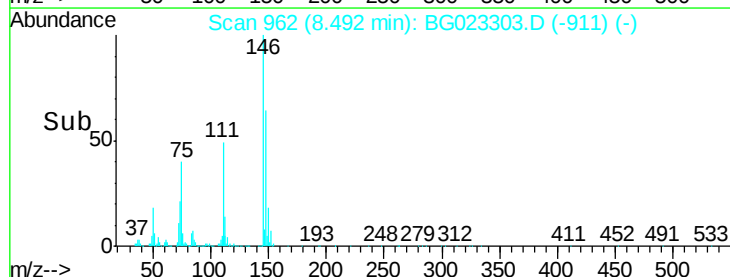
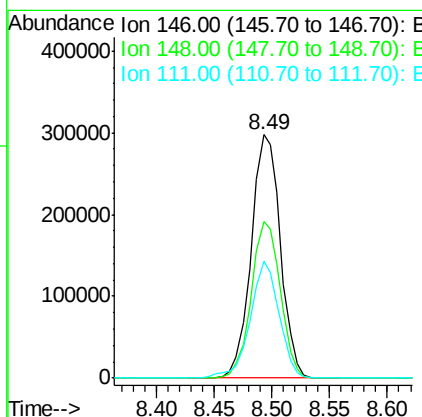
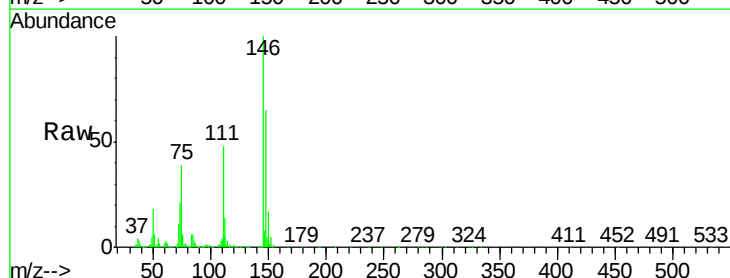
RT: 8.49 min Scan# 962

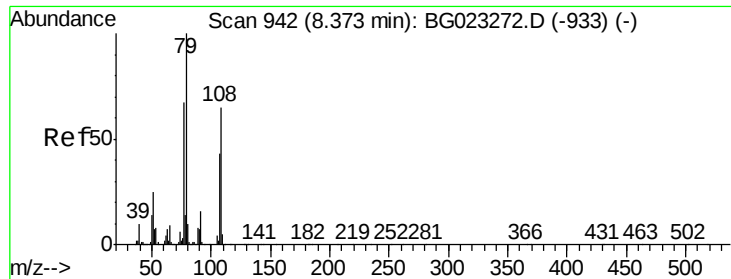
Delta R.T. -0.00 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Tgt Ion:	146	Resp:	523446
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.9	79.3
111	47.8	43.5	65.3





#15

Benzyl Alcohol

Concen: 50.58 ng

RT: 8.37 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Instrument :

BNA_G

ClientSampleId :

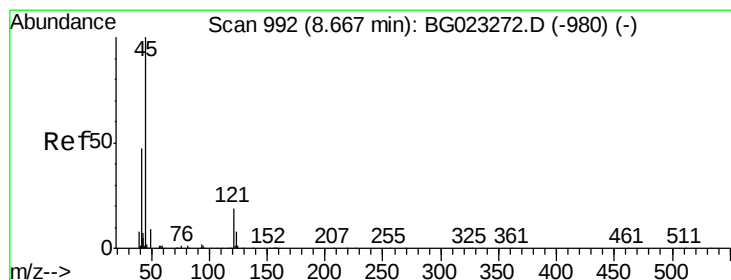
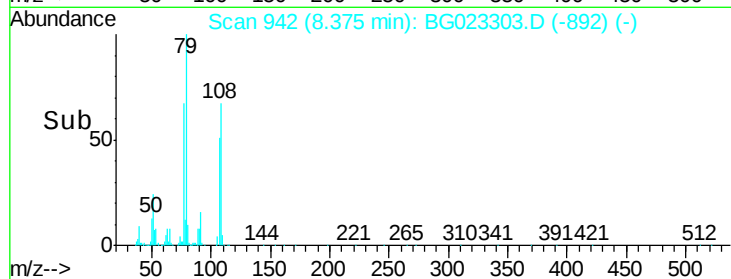
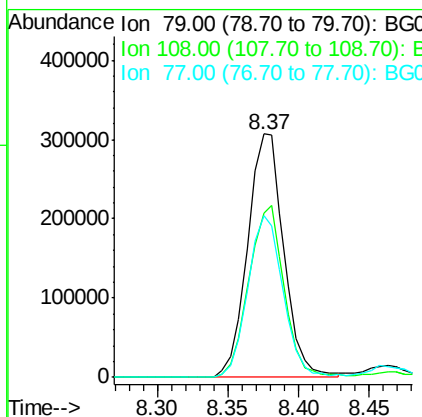
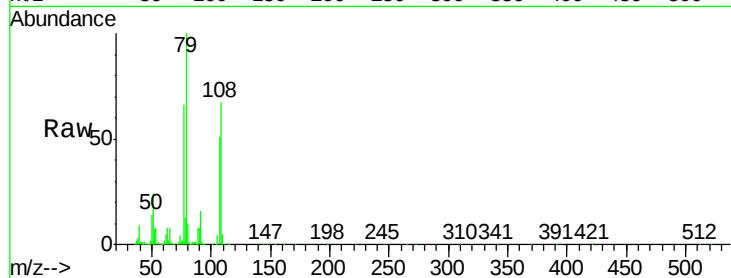
PB92411BS

Tot Ion:	79	Resp:	551267
Ion Ratio	Lower	Upper	
79	100		
108	67.4	46.5	69.7
77	66.4	52.3	78.5

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.94 ng

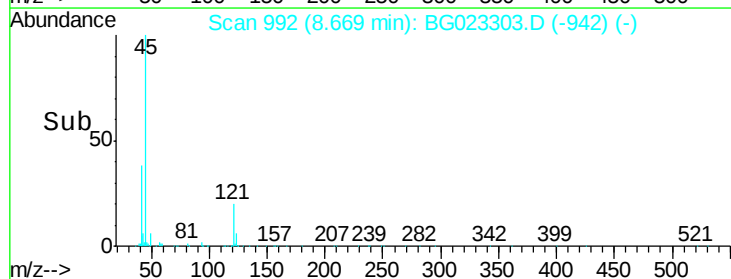
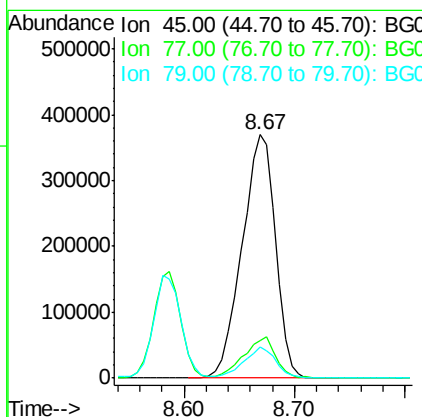
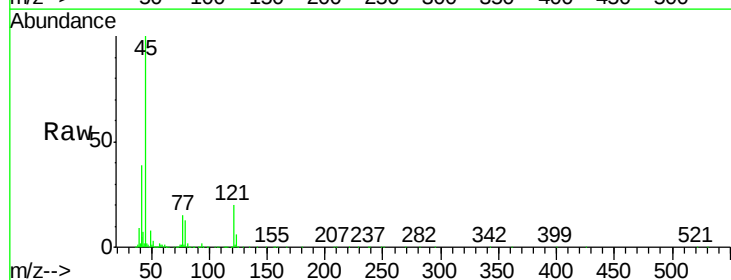
RT: 8.67 min Scan# 992

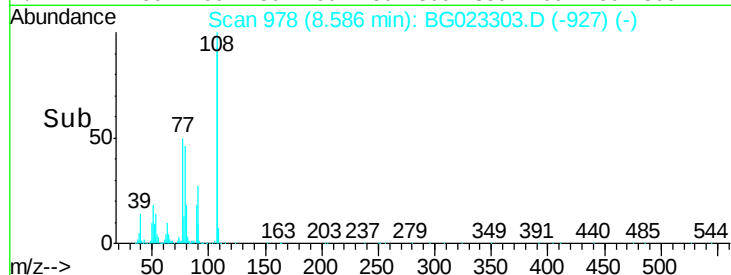
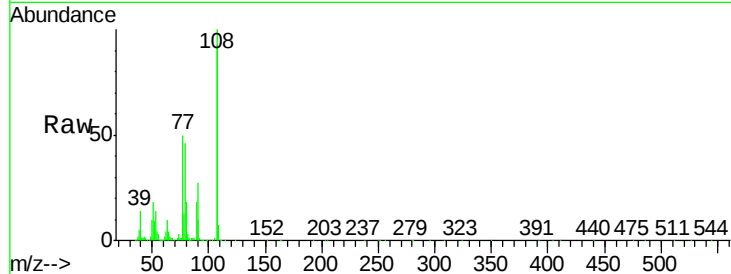
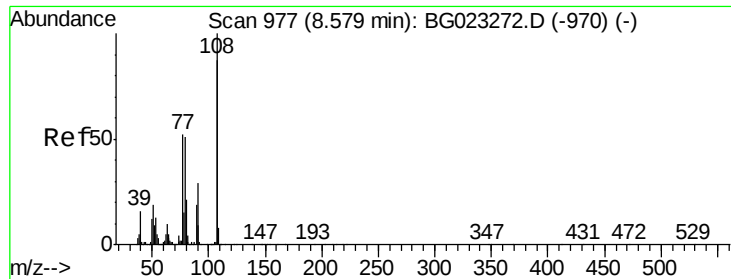
Delta R.T. -0.01 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Tgt Ion:	45	Resp:	784439
Ion Ratio	Lower	Upper	
45	100		
77	15.2	0.6	40.6
79	12.7	0.0	36.2





#17

2-Methylphenol

Concen: 45.29 ng

RT: 8.59 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.7	92.0	138.0	
77	54.0	55.8	83.6	
79	50.1	55.0	82.6	

Instrument :

BNA_G

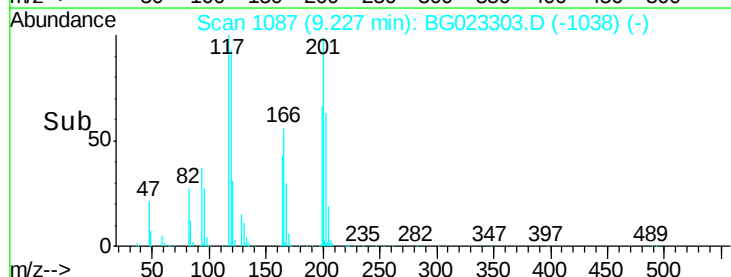
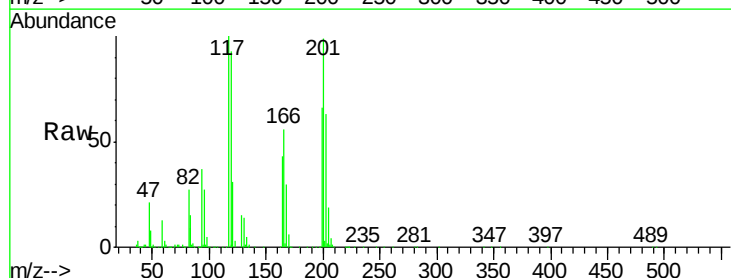
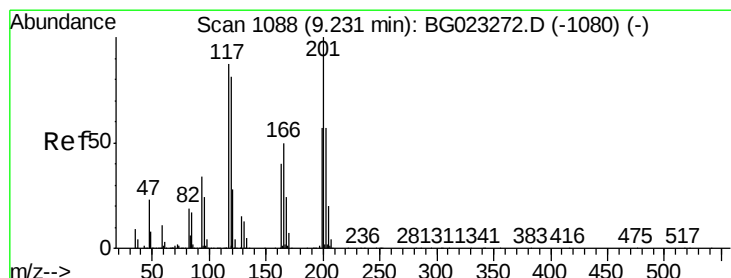
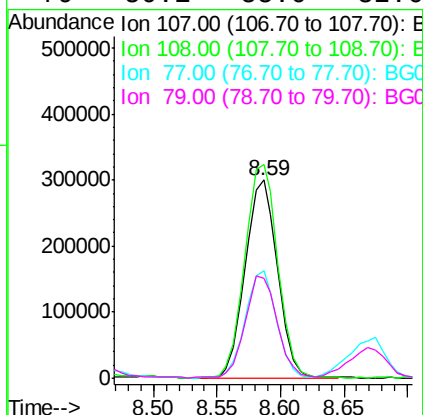
ClientSampleId :

PB92411BS

Manual Integrations

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#18

Hexachloroethane

Concen: 36.21 ng

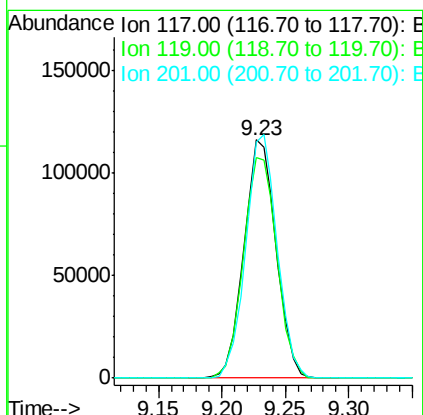
RT: 9.23 min Scan# 1087

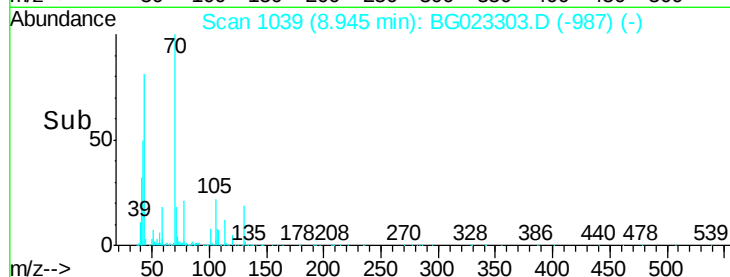
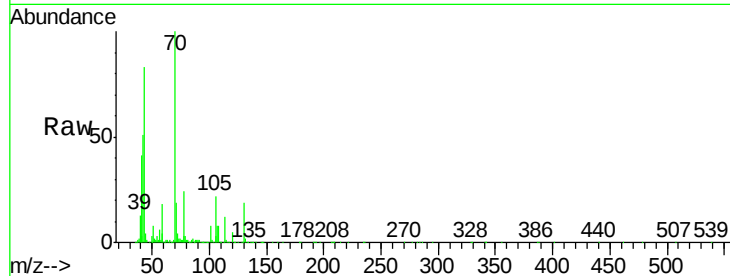
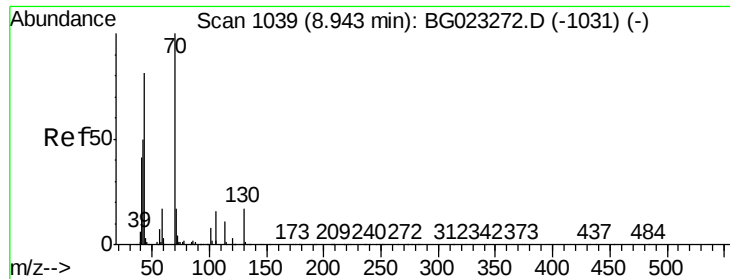
Delta R.T. -0.01 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.9	73.7	110.5	
201	99.3	88.7	133.1	

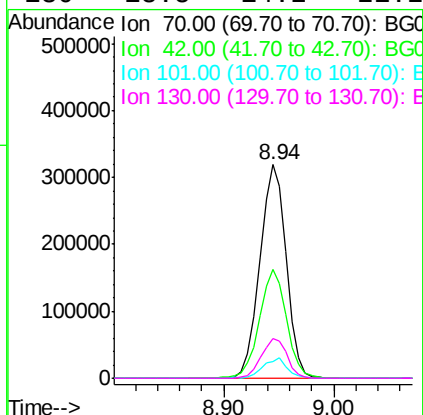




#19
n-Nitroso-di-n-propylamine
Concen: 36.54 ng
RT: 8.94 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

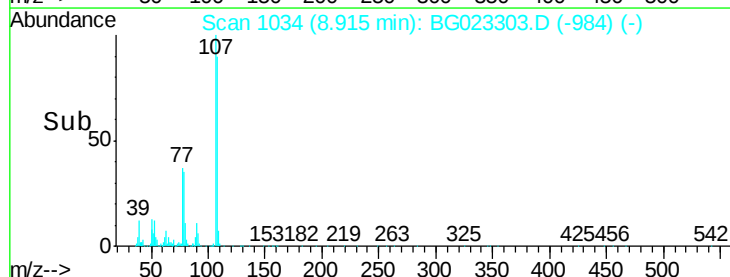
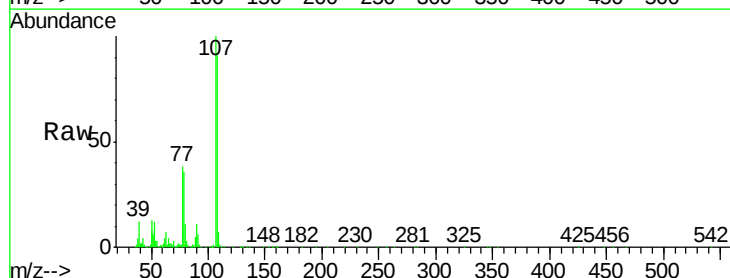
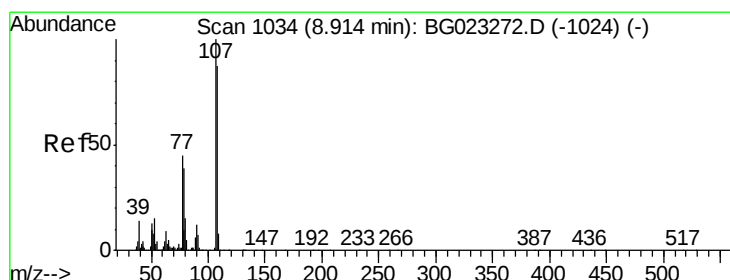
Instrument :
BNA_G
ClientSampleId :
PB92411BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.8	42.1	63.1	
101	8.0	7.2	10.8	
130	18.5	14.2	21.2	



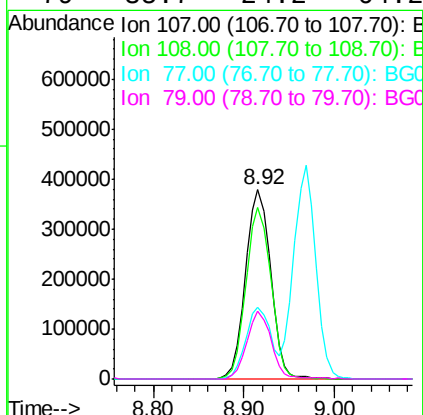
Manual Integrations

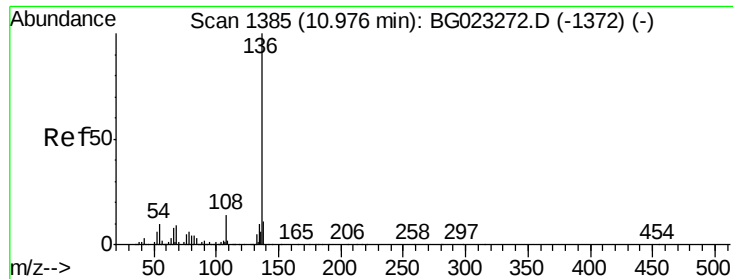
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#20
3+4-Methylphenols
Concen: 46.03 ng
RT: 8.92 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.8	72.5	112.5	
77	37.8	30.1	70.1	
79	35.7	24.2	64.2	





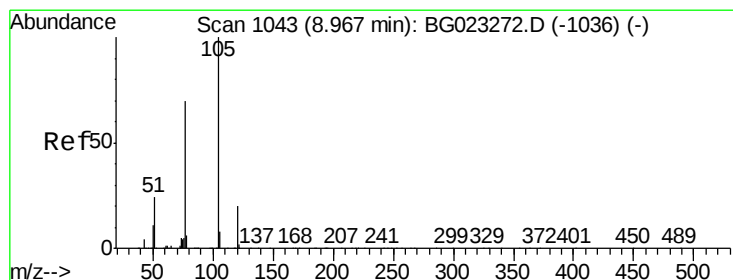
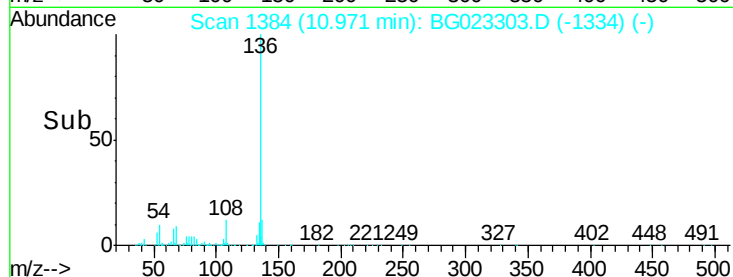
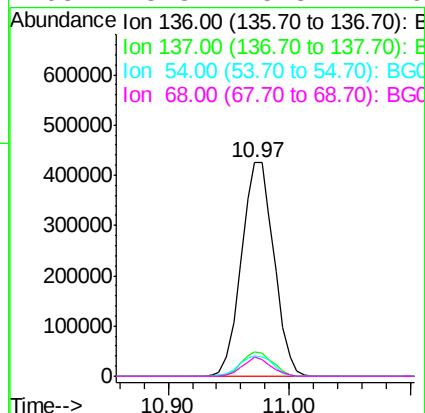
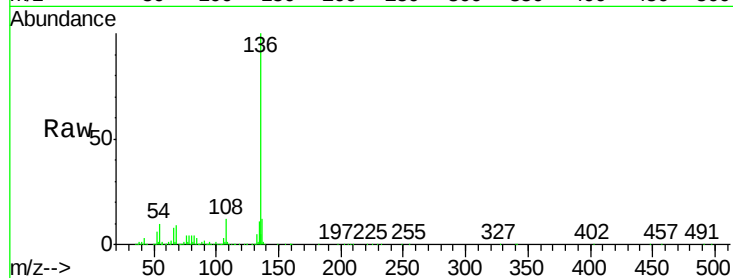
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Instrument :
BNA_G
ClientSampleId :
PB92411BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		797792		
137	11.6	9.6	14.4		
54	9.5	7.3	10.9		
68	8.8	5.3	7.9#		

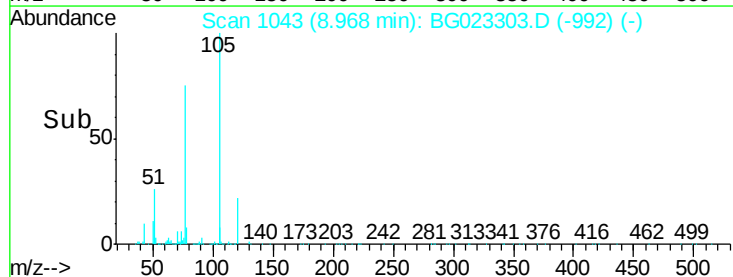
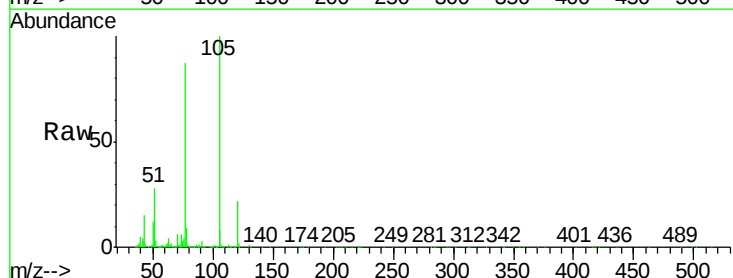
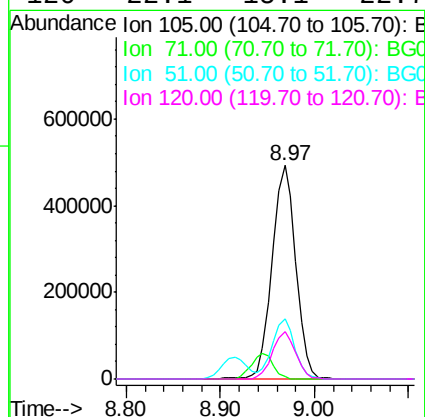
Manual Integrations

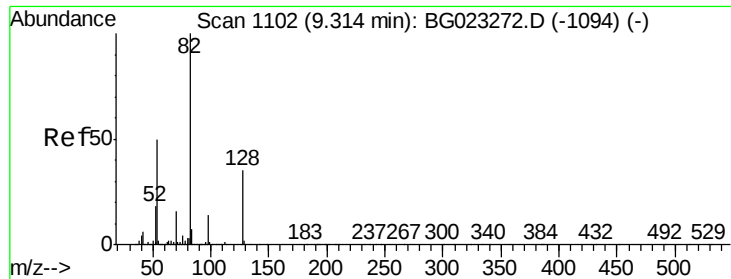
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#22
Acetophenone
Concen: 41.32 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		860665		
71	1.1	2.6	3.8#		
51	28.0	27.1	40.7		
120	22.1	15.1	22.7		





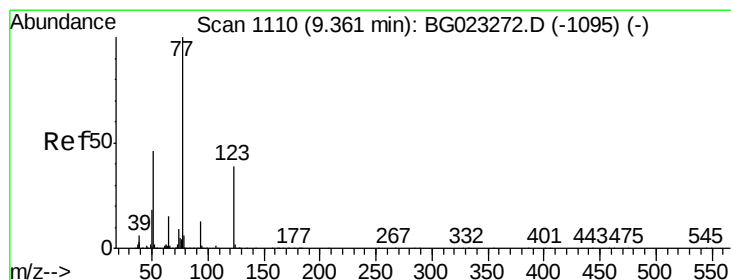
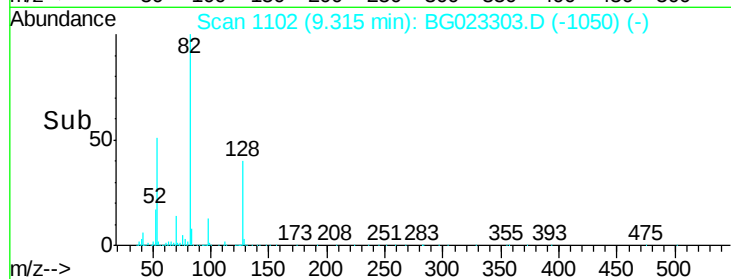
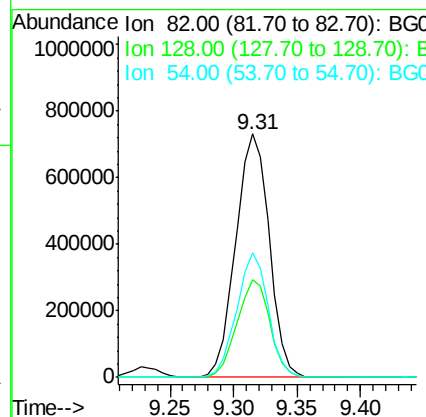
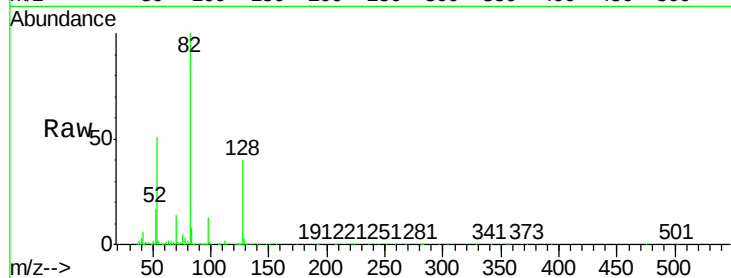
#23
Nitrobenzene-d5
Concen: 81.72 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Instrument :
BNA_G
ClientSampleId :
PB92411BS

Tot Ion	82	Resp	1333201
Ion Ratio	100	Lower	Upper
82	100		
128	39.9	24.4	36.6#
54	50.9	41.4	62.0

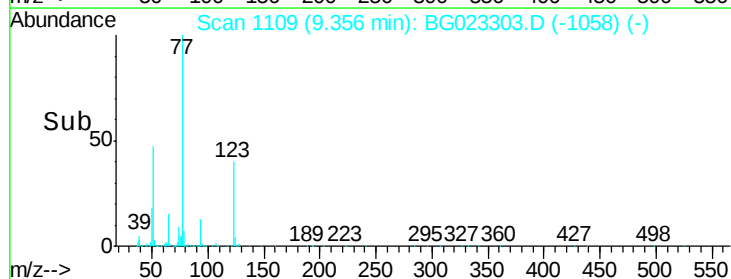
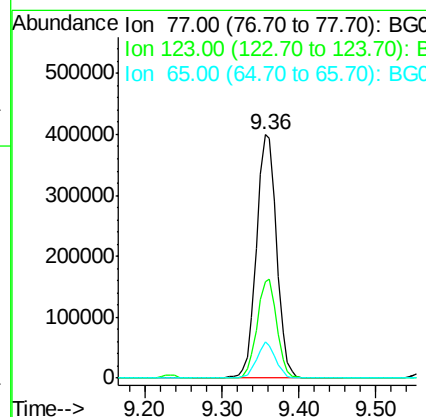
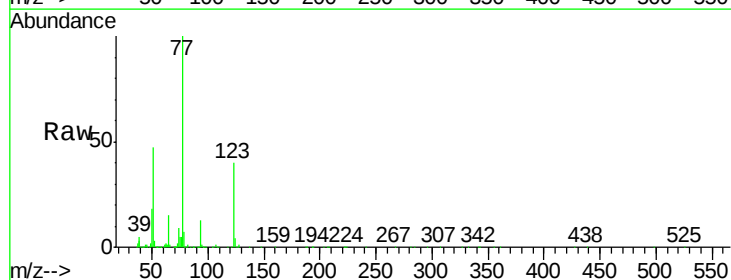
Manual Integrations

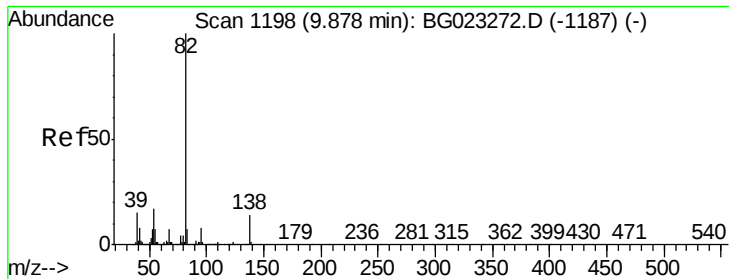
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#24
Nitrobenzene
Concen: 38.65 ng
RT: 9.36 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Tgt Ion	77	Resp	732115
Ion Ratio	100	Lower	Upper
77	100		
123	39.6	25.0	37.6#
65	14.9	13.4	20.0





#25

Isophorone

Concen: 40.83 ng

RT: 9.88 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Instrument :

BNA_G

ClientSampleId :

PB92411BS

Tot Ion: 82 Resp: 1375709

Ion Ratio Lower Upper

82 100

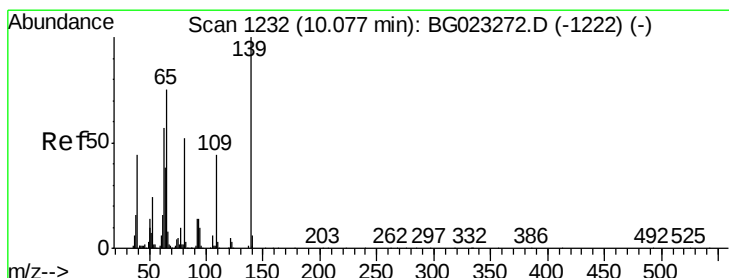
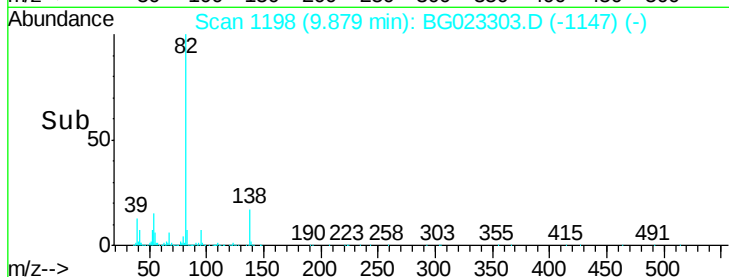
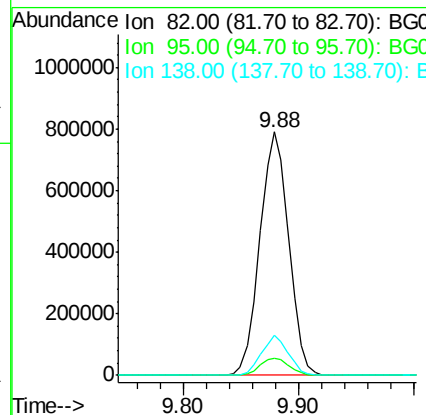
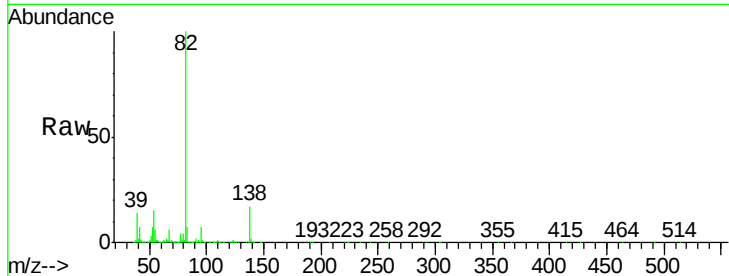
95 7.2 8.2 12.2#

138 16.7 10.7 16.1#

Manual Integrations

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#26

2-Nitrophenol

Concen: 43.88 ng

RT: 10.07 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

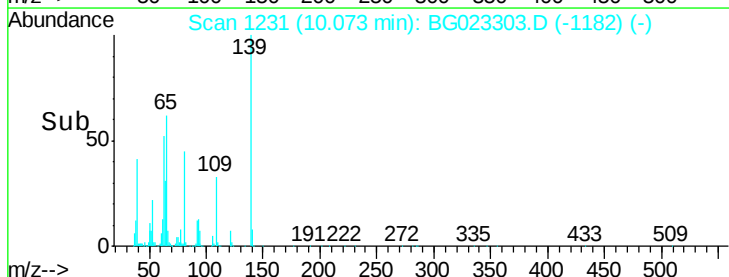
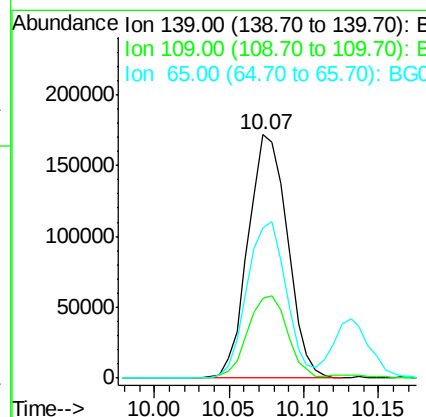
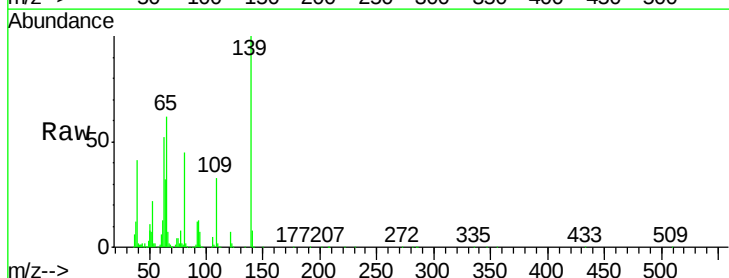
Tgt Ion: 139 Resp: 314014

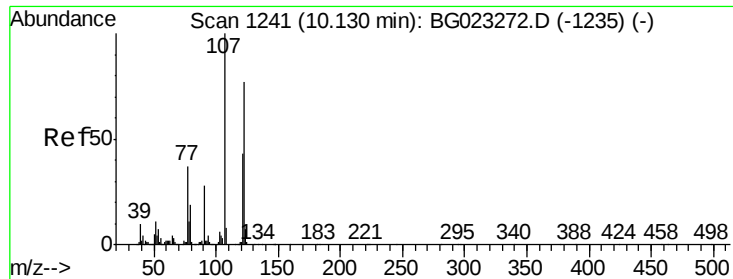
Ion Ratio Lower Upper

139 100

109 32.6 43.5 65.3#

65 61.8 64.3 96.5#





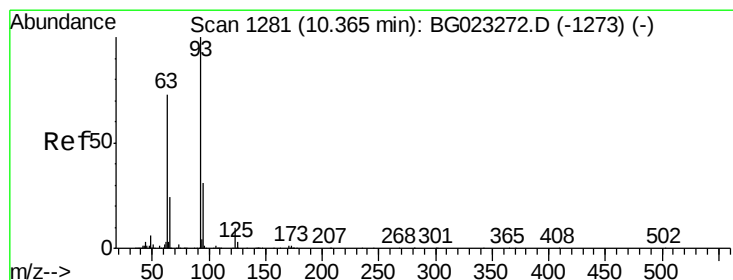
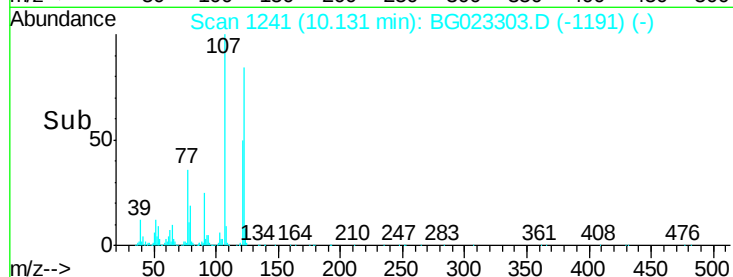
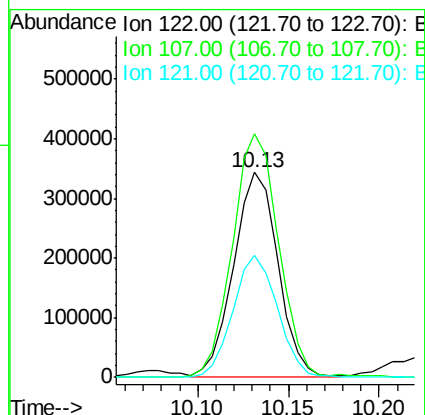
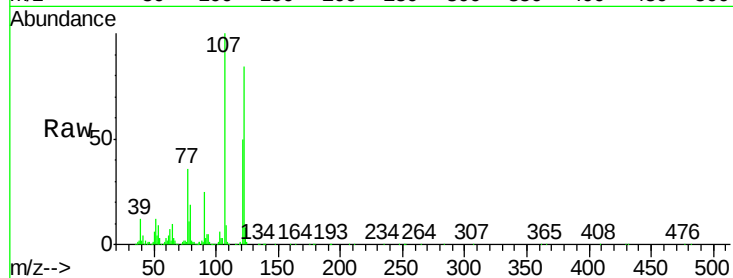
#27
 2,4-Dimethylphenol
 Concen: 48.43 ng
 RT: 10.13 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BG023303.D
 Acq: 28 Jul 2016 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB92411BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.9	117.0	175.4
121	59.6	50.1	75.1

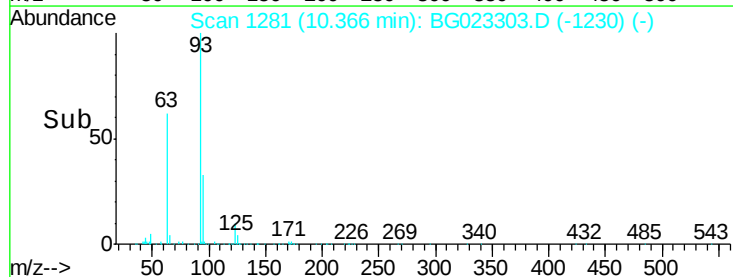
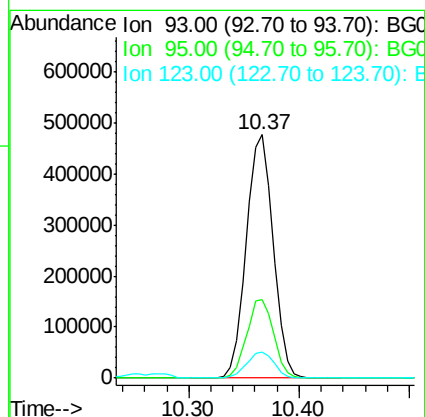
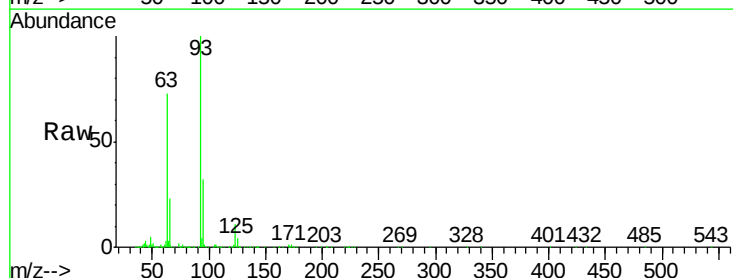
Manual Integrations

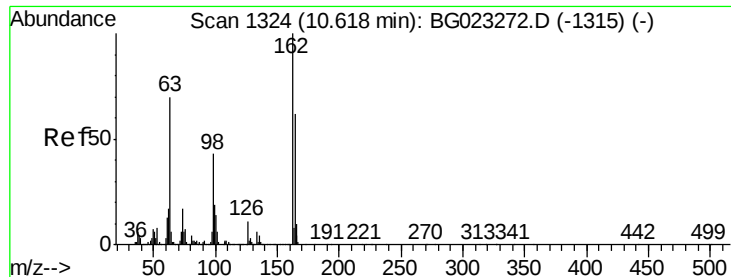
sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.23 ng
 RT: 10.37 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG023303.D
 Acq: 28 Jul 2016 4:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.4	38.2
123	10.6	8.2	12.2





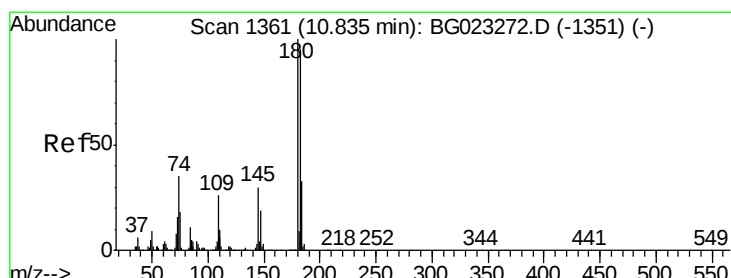
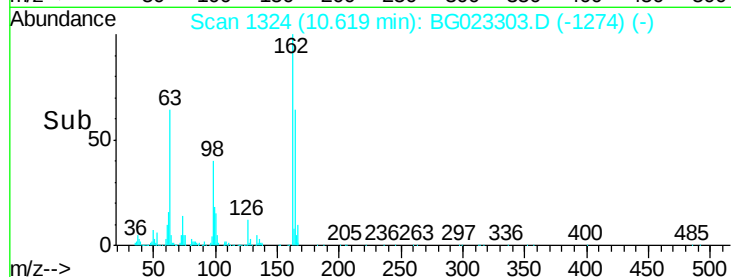
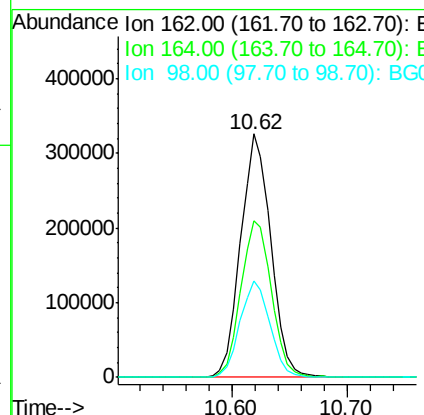
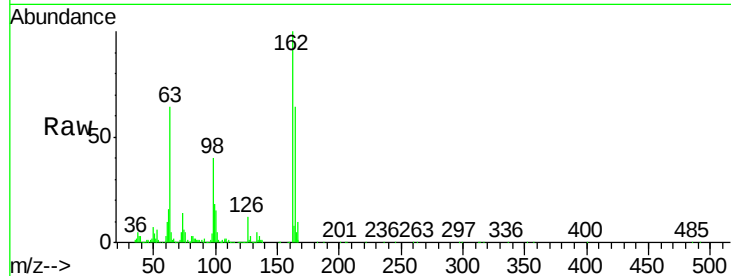
#29
2,4-Dichlorophenol
Concen: 50.67 ng
RT: 10.62 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Instrument :
BNA_G
ClientSampleId :
PB92411BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	591634		
164	64.3	44.3	84.3	
98	39.8	19.5	59.5	

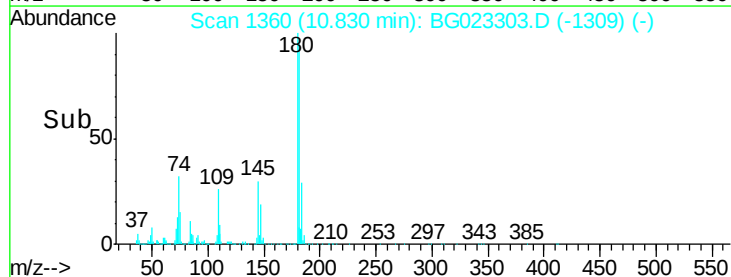
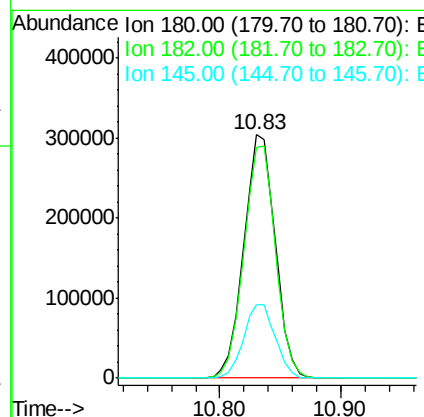
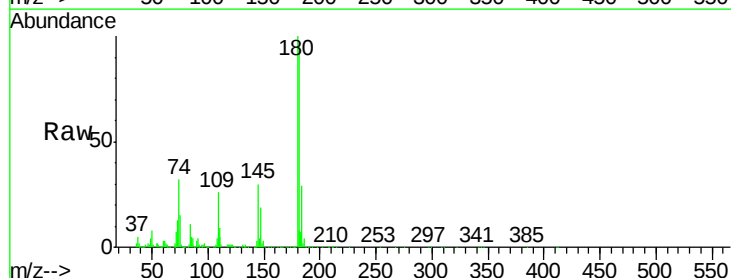
Manual Integrations

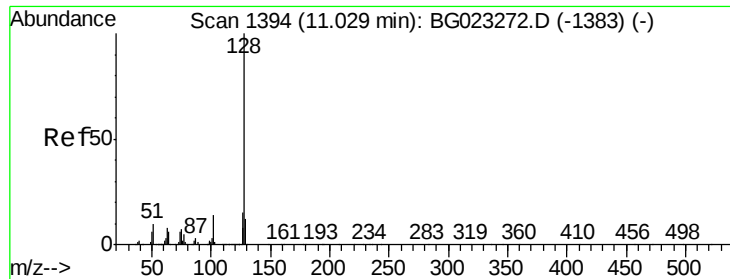
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#30
1,2,4-Trichlorobenzene
Concen: 42.74 ng
RT: 10.83 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	551478		
182	94.9	73.8	110.8	
145	30.0	24.4	36.6	





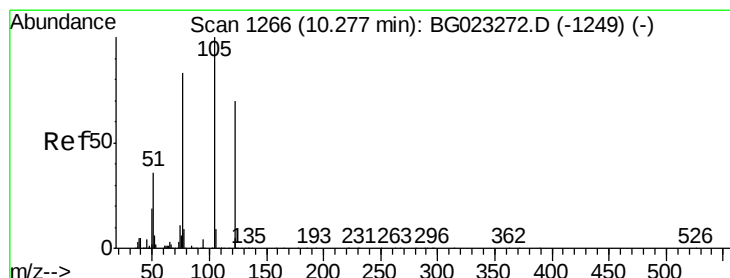
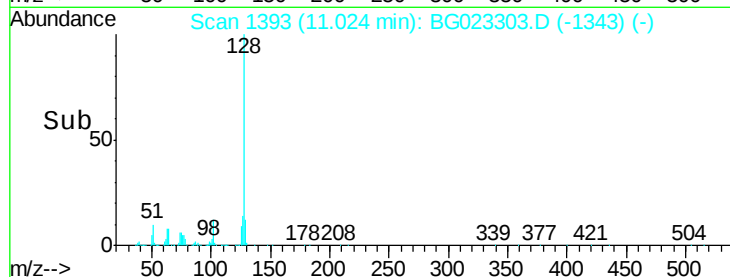
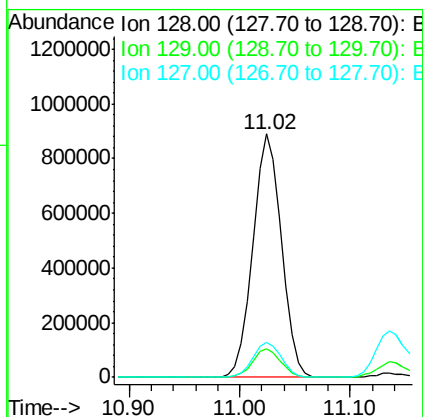
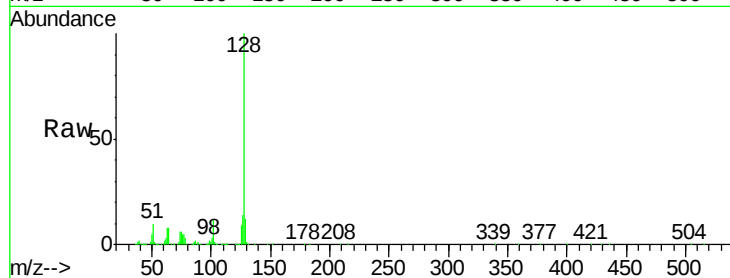
#31
Naphthalene
Concen: 43.50 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Instrument :
BNA_G
ClientSampleId :
PB92411BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.0
127	14.5	11.3	16.9

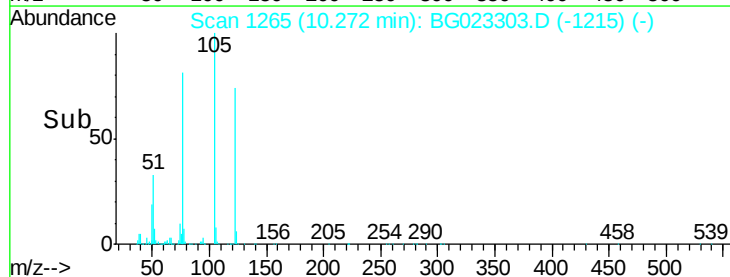
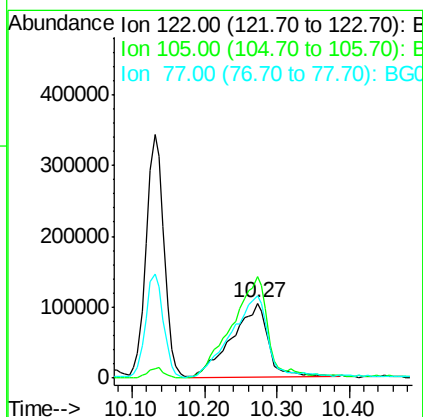
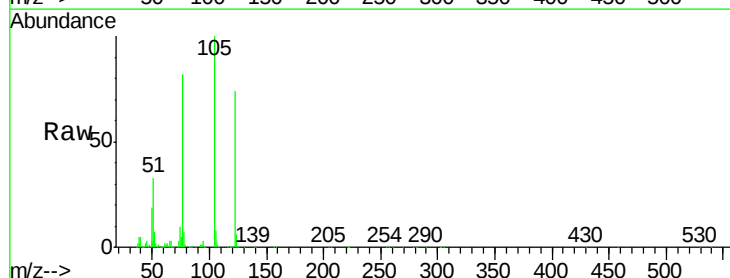
Manual Integrations

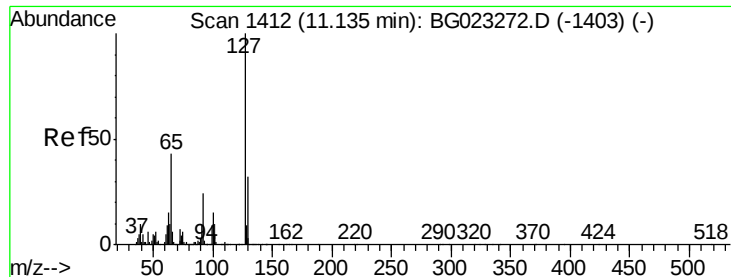
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#32
Benzoic acid
Concen: 39.12 ng
RT: 10.27 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.6	117.2	157.2
77	110.0	109.2	149.2





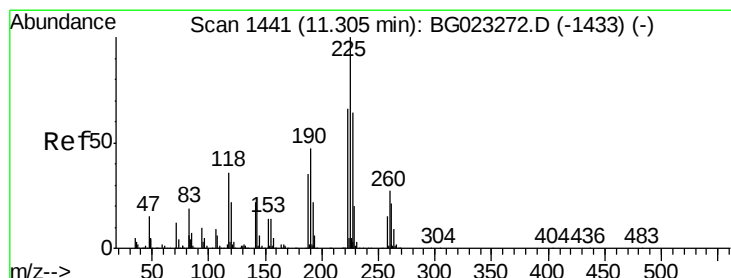
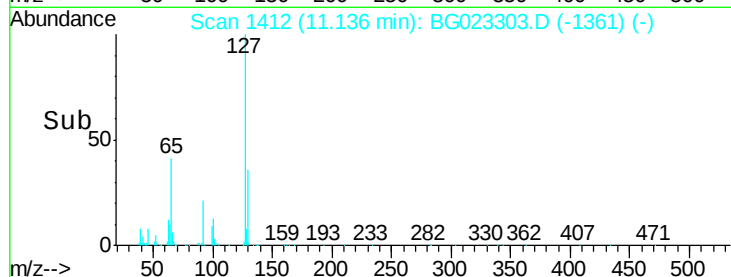
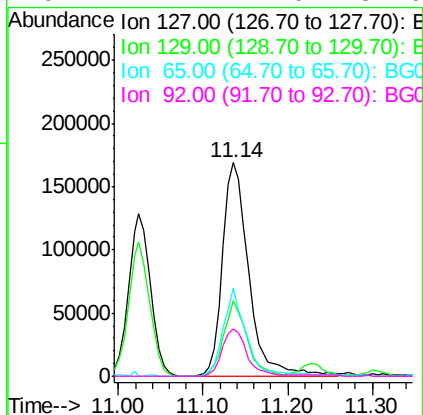
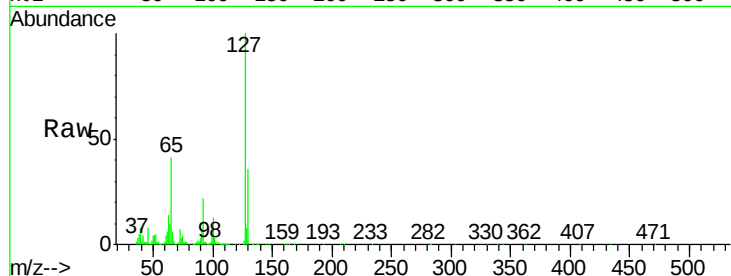
#33
4-Chloroaniline
Concen: 21.02 ng
RT: 11.14 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Instrument :
BNA_G
ClientSampled :
PB92411BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		360014		
129	35.5	27.9	41.9		
65	41.2	36.8	55.2		
92	22.2	21.0	31.6		

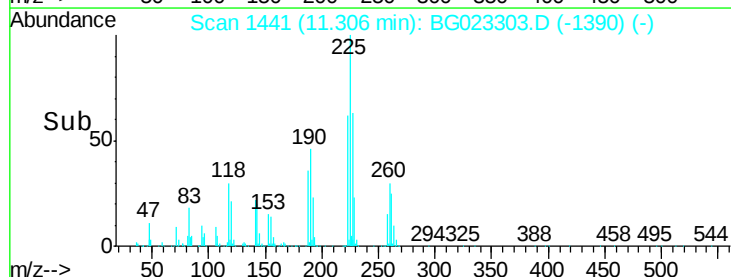
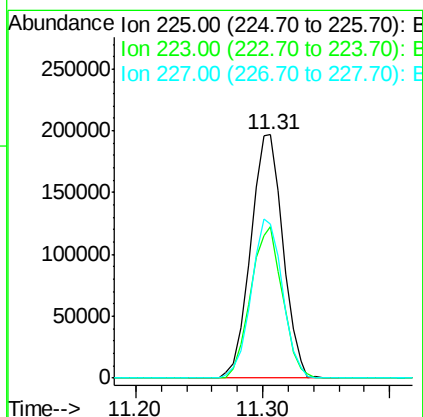
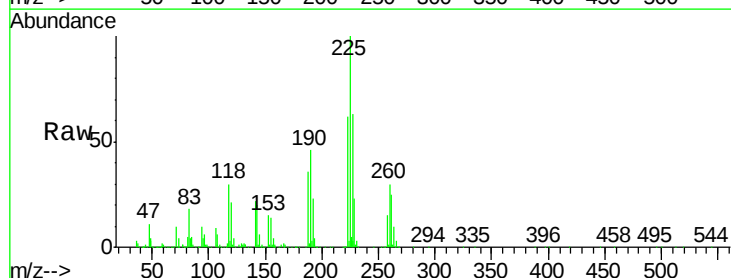
Manual Integrations

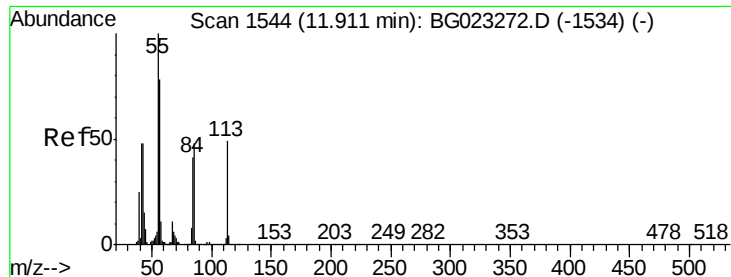
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#34
Hexachlorobutadiene
Concen: 41.14 ng
RT: 11.31 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		347938		
223	62.0	49.6	74.4		
227	63.1	54.5	81.7		





#35

Caprolactam

Concen: 48.32 ng/ml

RT: 11.92 min Scan# 1546

Delta R.T. 0.03 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Instrument :

BNA_G

ClientSampleId :

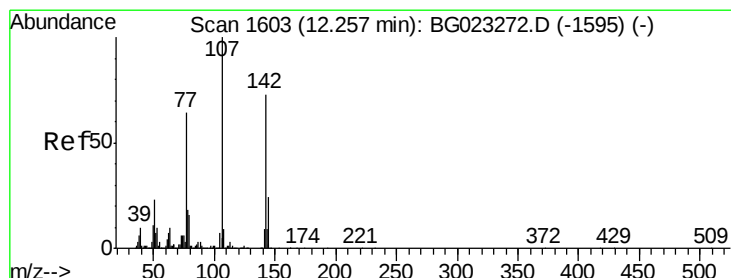
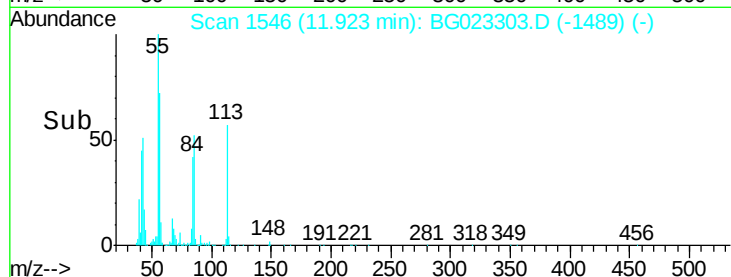
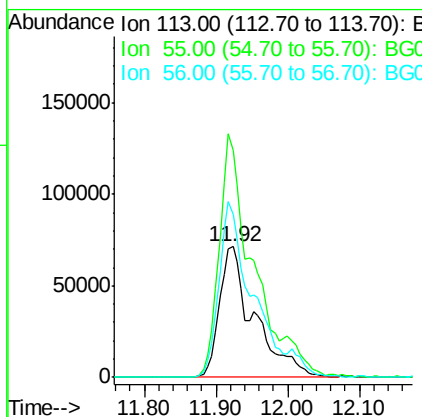
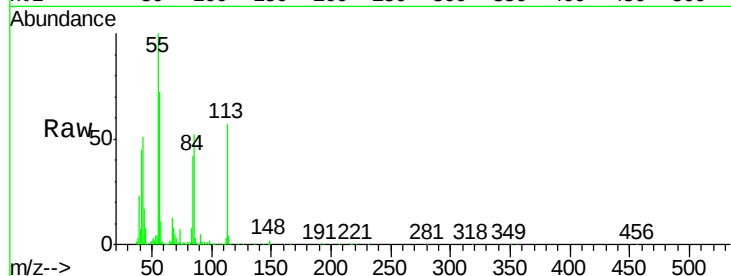
PB92411BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	173.9	154.5	194.5	
56	124.7	125.1	165.1	

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 45.64 ng/ml

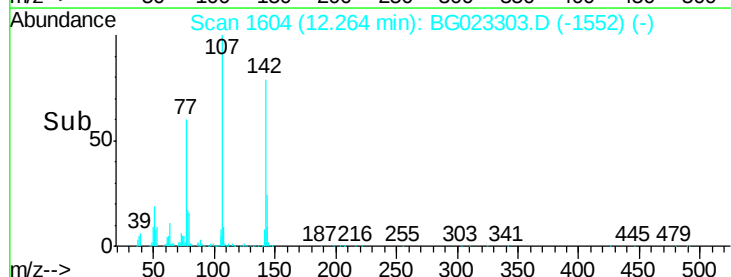
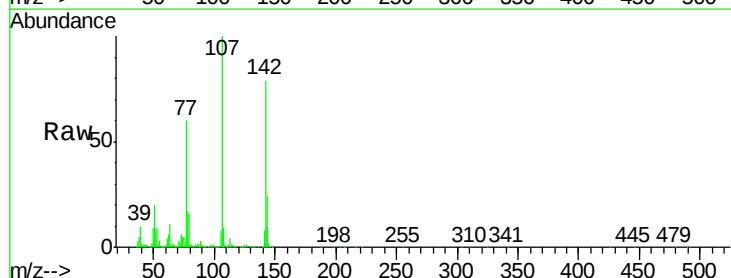
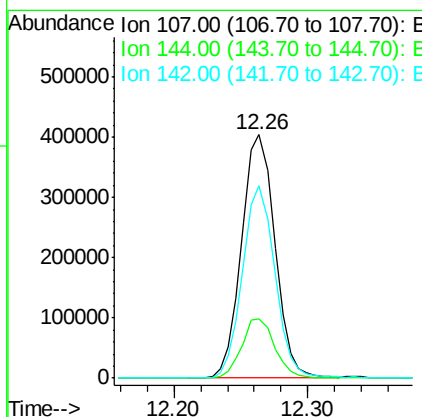
RT: 12.26 min Scan# 1604

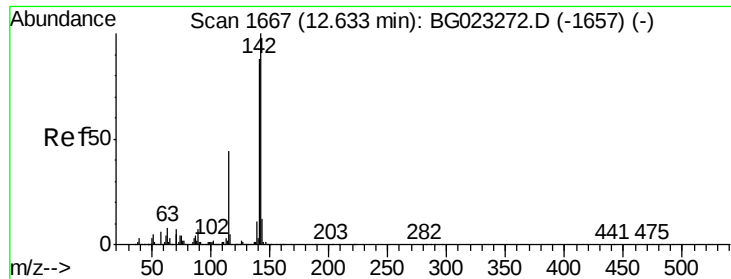
Delta R.T. 0.01 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	24.4	17.0	25.6	
142	79.0	53.0	79.6	





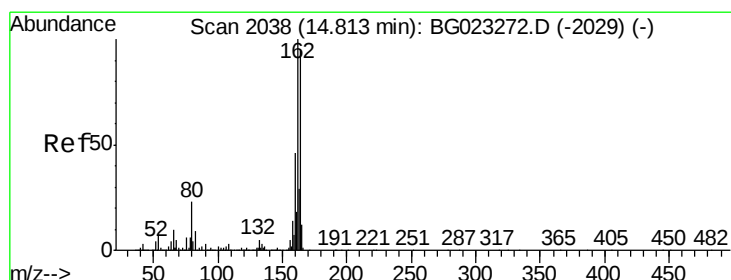
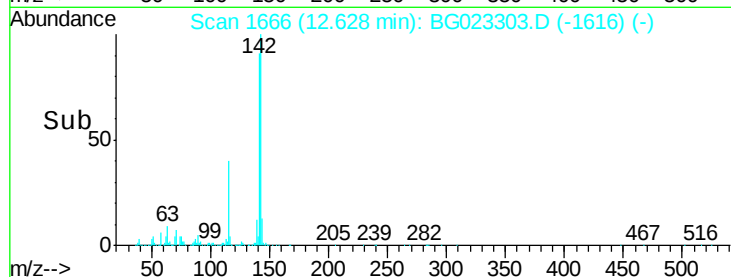
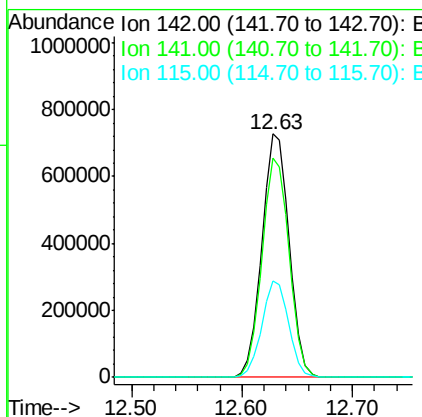
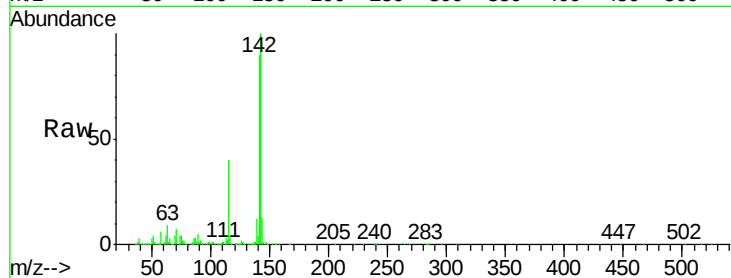
#37
2-Methylnaphthalene
Concen: 45.79 ng
RT: 12.63 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Instrument :
BNA_G
ClientSampleId :
PB92411BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.2	105.2
115	39.7	41.7	62.5#

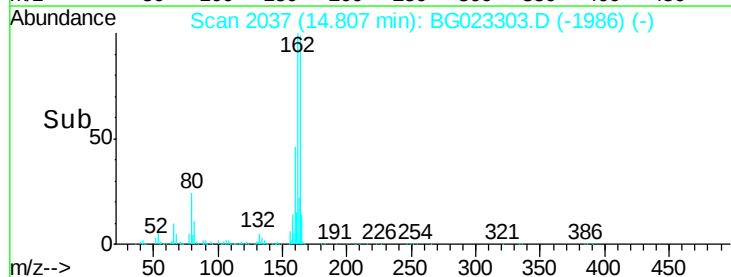
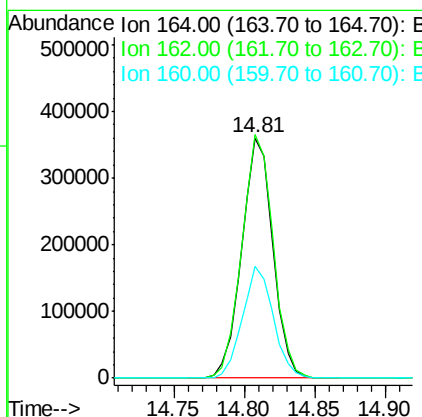
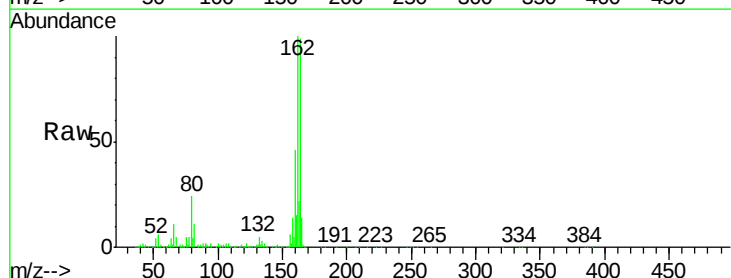
Manual Integrations

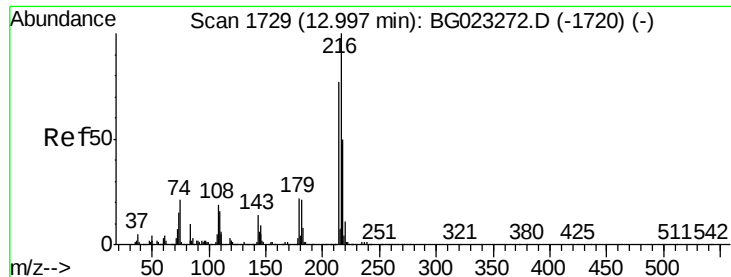
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	87.7	131.5
160	46.6	37.2	55.8





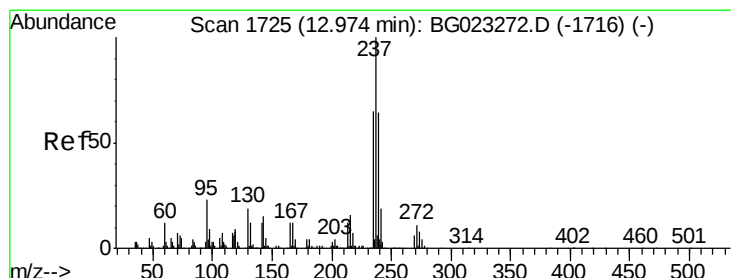
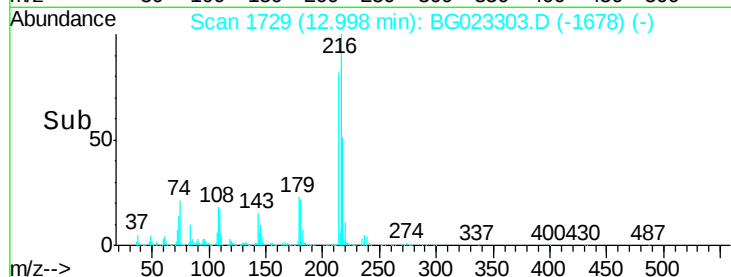
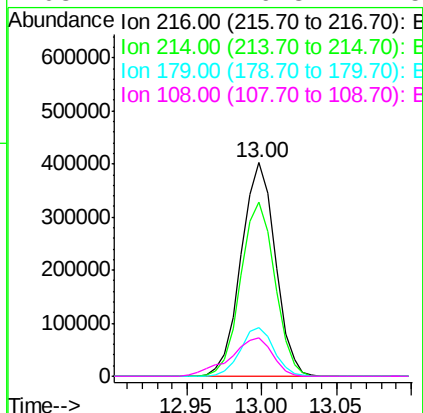
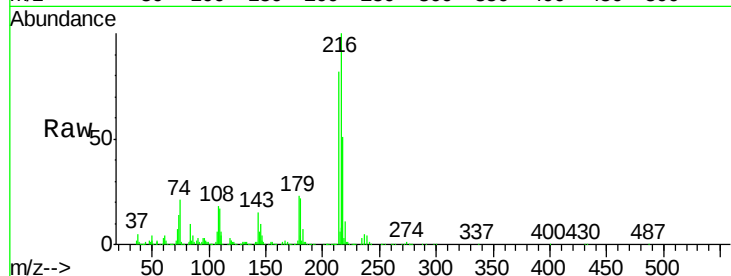
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.61 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG023303.D
 Acq: 28 Jul 2016 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB92411BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		639310		
214	81.4	62.9	94.3		
179	22.3	17.2	25.8		
108	22.2	16.3	24.5		

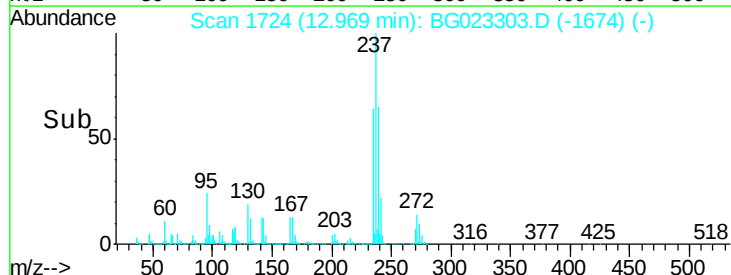
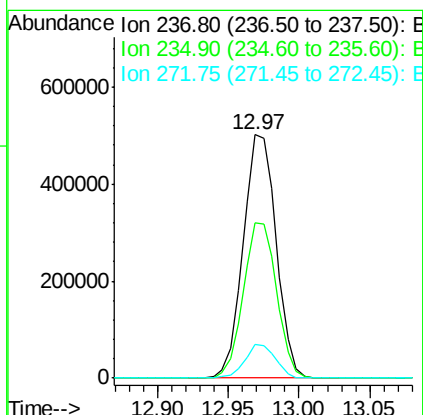
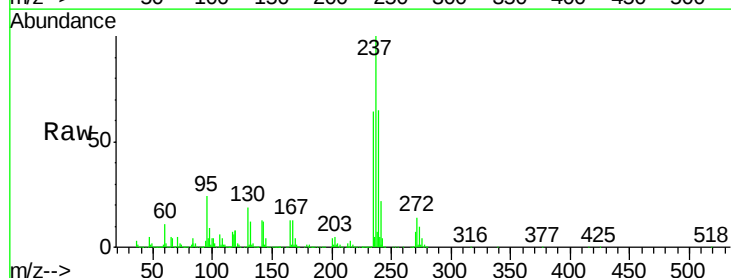
Manual Integrations

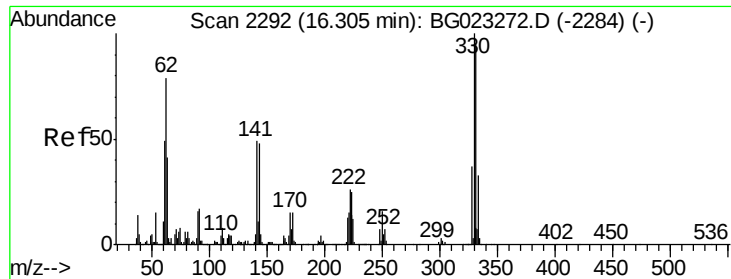
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#40
 Hexachlorocyclopentadiene
 Concen: 96.28 ng
 RT: 12.97 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG023303.D
 Acq: 28 Jul 2016 4:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		819173		
235	63.8	43.1	83.1		
272	13.6	0.0	30.9		





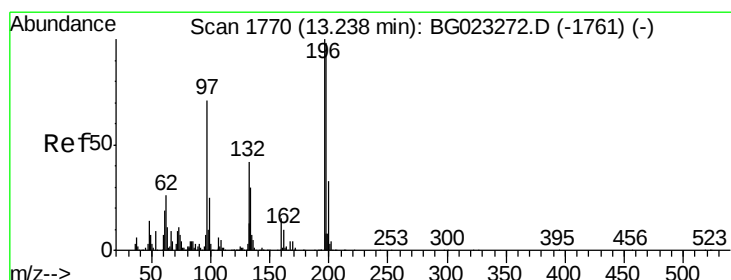
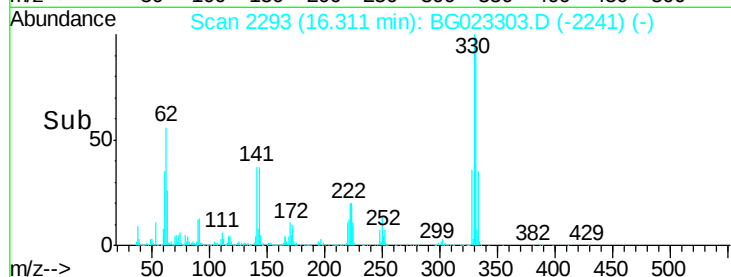
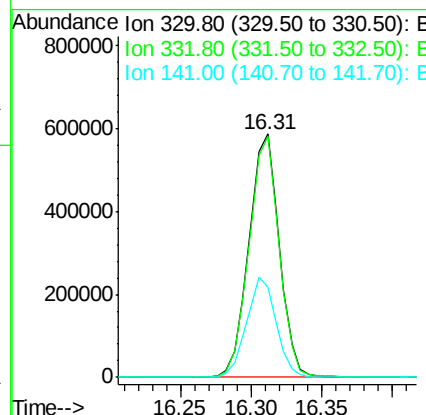
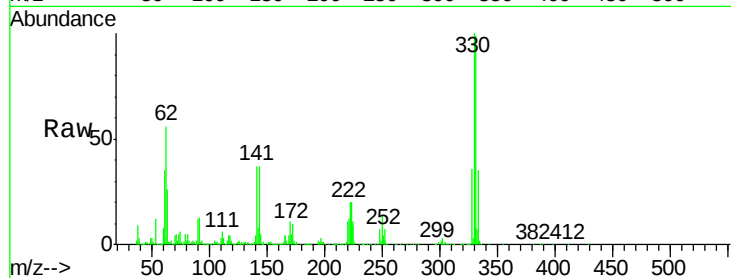
#41
 2,4,6-Tribromophenol
 Concen: 154.74 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG023303.D
 Acq: 28 Jul 2016 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB92411BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.4	116.2
141	40.0	31.7	47.5

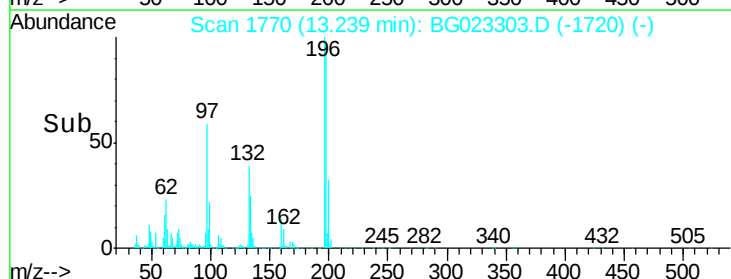
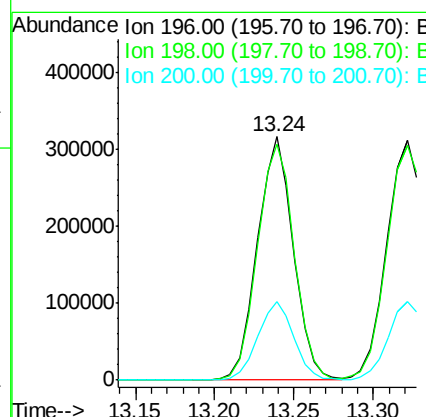
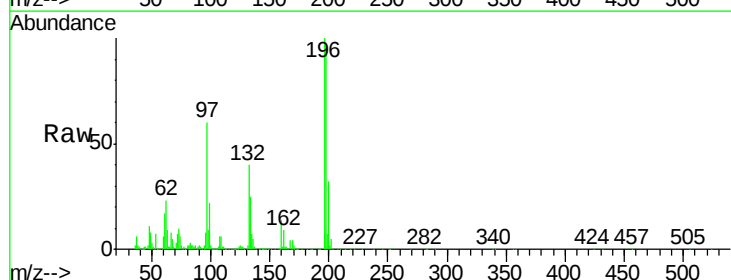
Manual Integrations

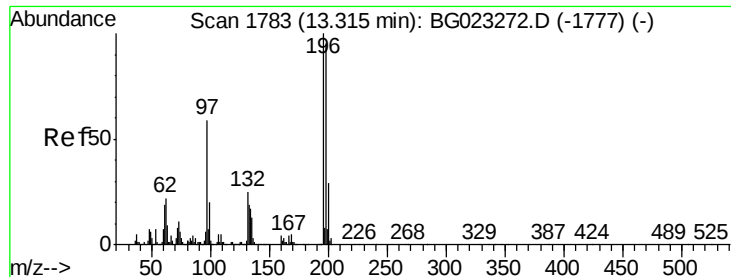
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#42
 2,4,6-Trichlorophenol
 Concen: 47.25 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG023303.D
 Acq: 28 Jul 2016 4:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	78.2	117.2
200	32.5	27.0	40.4





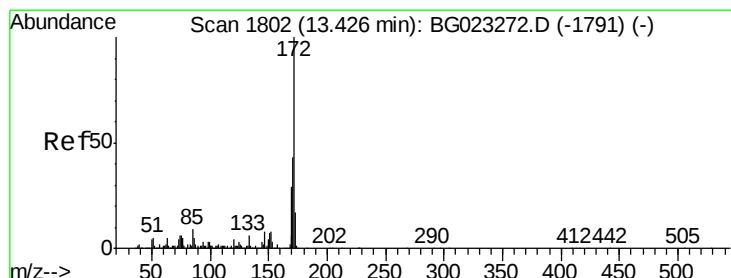
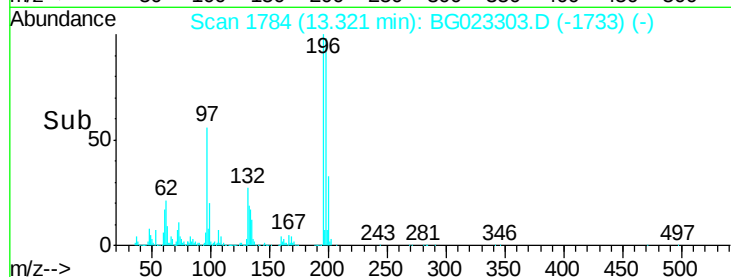
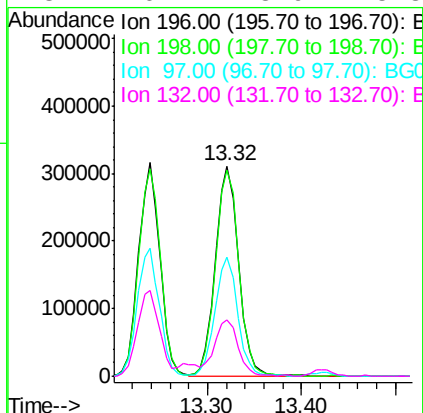
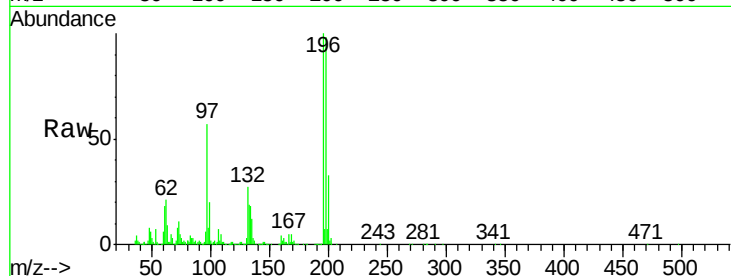
#43
 2,4,5-Trichlorophenol
 Concen: 48.48 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BG023303.D
 Acq: 28 Jul 2016 4:20

Instrument :
 BNA_G
 ClientSampleID :
 PB92411BS

Tot Ion:	196	Resp:	542417
Ion Ratio	Lower	Upper	
196	100		
198	98.1	85.7	128.5
97	56.5	45.5	68.3
132	26.7	18.9	28.3

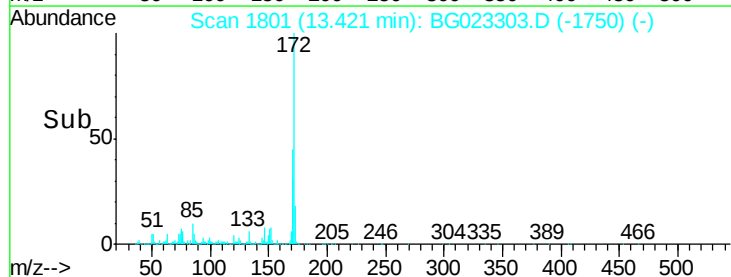
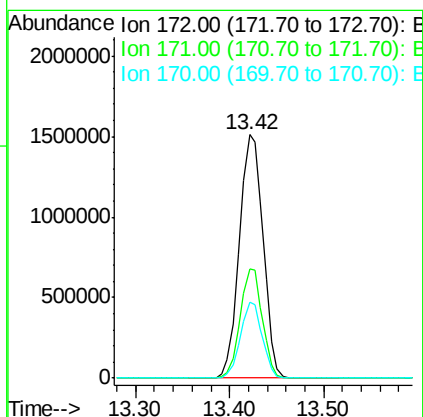
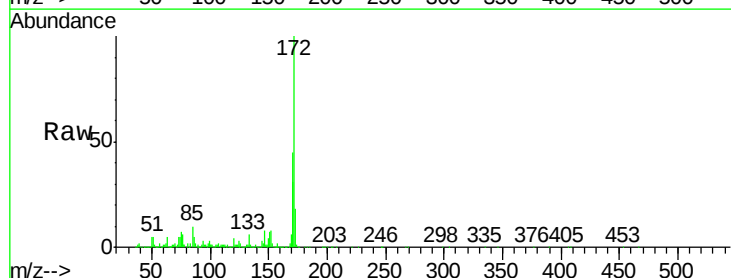
Manual Integrations

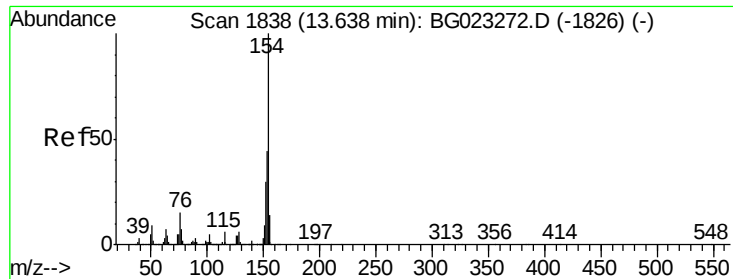
sohil
 7/28/2016 4:58:36 PM



#44
 2-Fluorobiphenyl
 Concen: 88.72 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG023303.D
 Acq: 28 Jul 2016 4:20

Tgt Ion:	172	Resp:	2628971
Ion Ratio	Lower	Upper	
172	100		
171	44.6	31.6	47.4
170	31.4	21.3	31.9





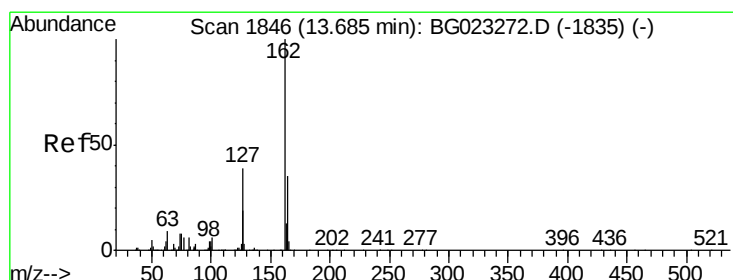
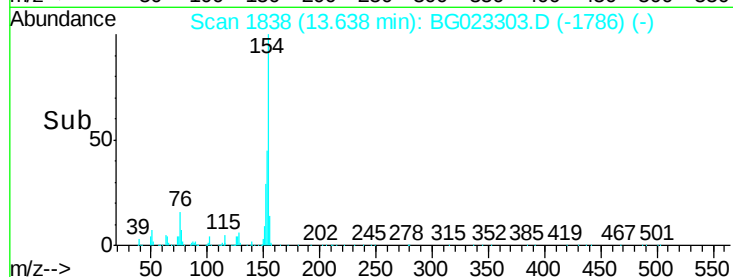
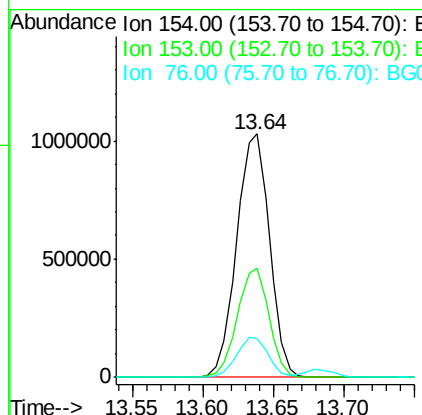
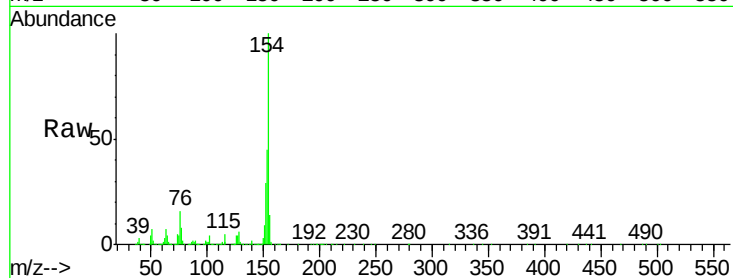
#45
 1,1'-Biphenyl
 Concen: 43.13 ng
 RT: 13.64 min Scan# 1838
 Delta R.T. 0.01 min
 Lab File: BG023303.D
 Acq: 28 Jul 2016 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB92411BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	45.0	20.2	60.2
76	16.1	0.0	32.9

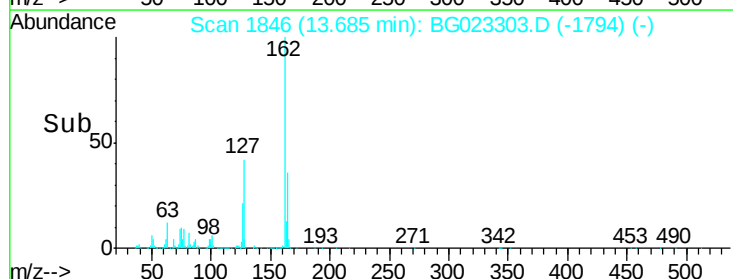
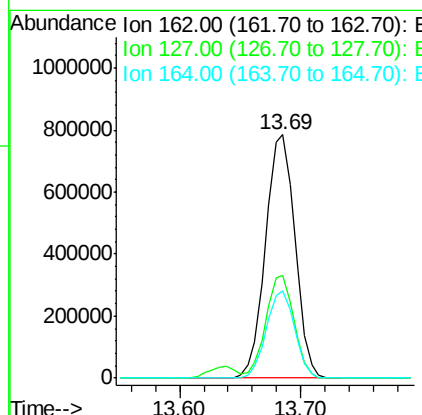
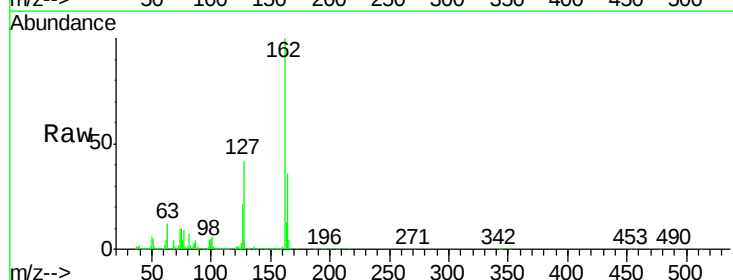
Manual Integrations

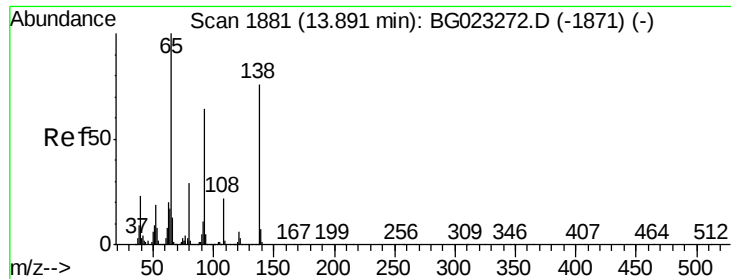
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#46
 2-Chloronaphthalene
 Concen: 42.59 ng
 RT: 13.69 min Scan# 1846
 Delta R.T. 0.00 min
 Lab File: BG023303.D
 Acq: 28 Jul 2016 4:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.1	32.4	48.6
164	36.1	25.2	37.8





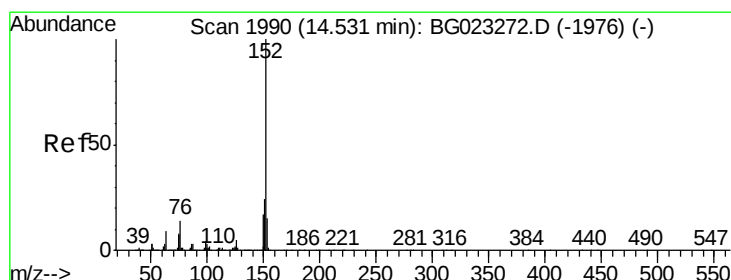
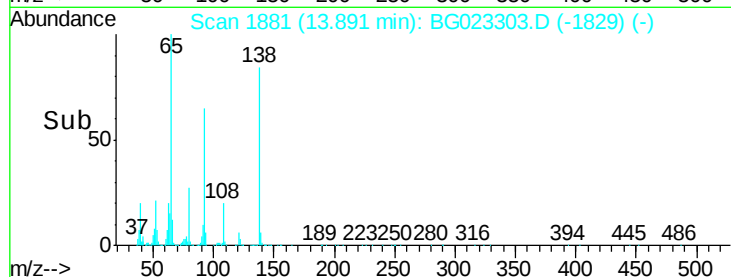
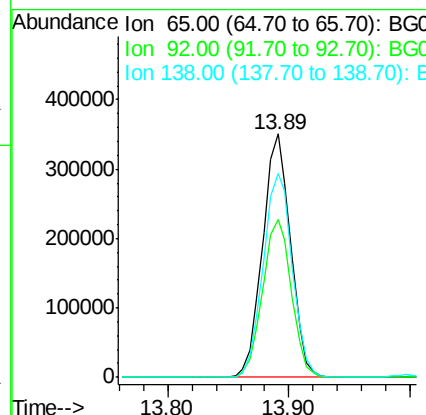
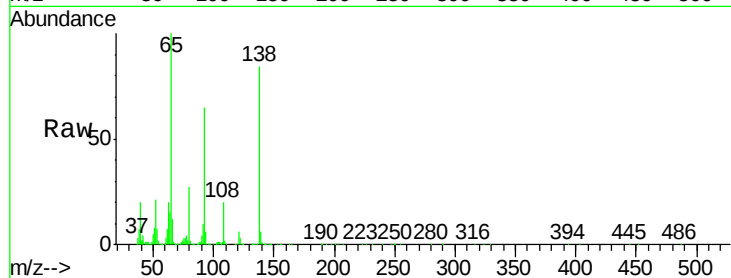
#47
2-Nitroaniline
Concen: 42.90 ng
RT: 13.89 min Scan# 1881
Delta R.T. 0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Instrument :
BNA_G
ClientSampleId :
PB92411BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.0	49.4	74.0
138	83.9	58.0	87.0

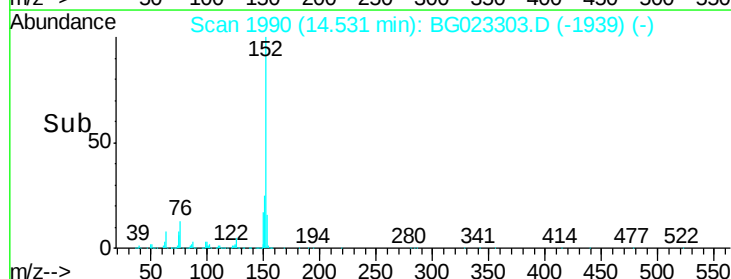
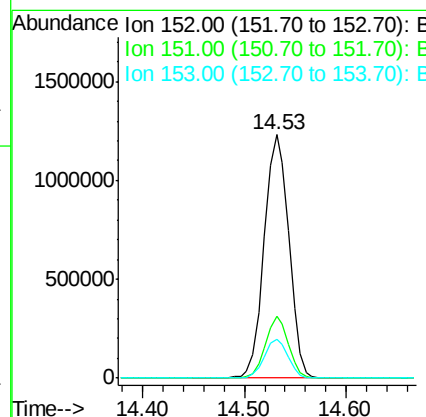
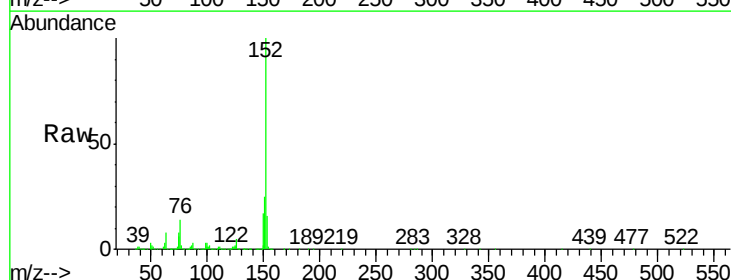
Manual Integrations

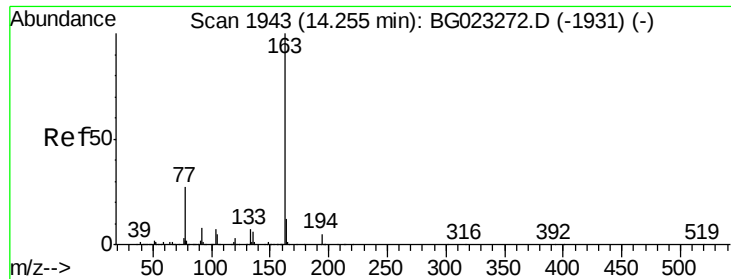
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#48
Acenaphthylene
Concen: 43.66 ng
RT: 14.53 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	25.5	17.6	26.4
153	16.2	11.4	17.2





#49

Dimethylphthalate

Concen: 42.19 ng

RT: 14.26 min Scan# 1943

Delta R.T. 0.01 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Instrument :

BNA_G

ClientSampled :

PB92411BS

Tot Ion:163 Resp: 1726862

Ion Ratio Lower Upper

163 100

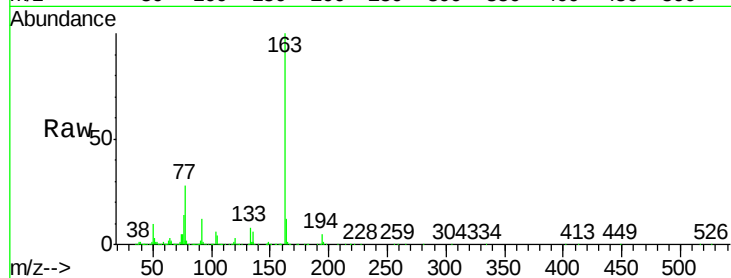
194 5.0 3.6 5.4

164 11.9 8.1 12.1

Manual Integrations

sohil

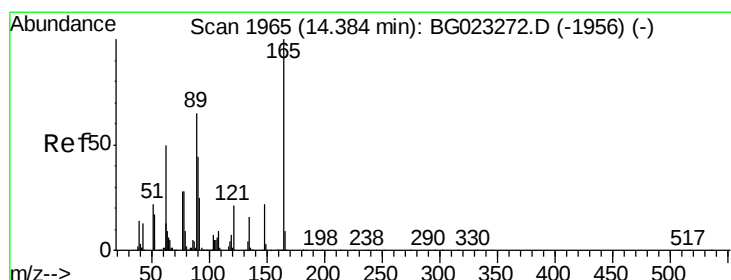
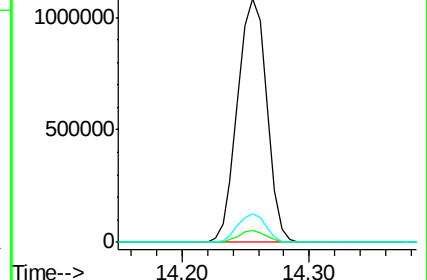
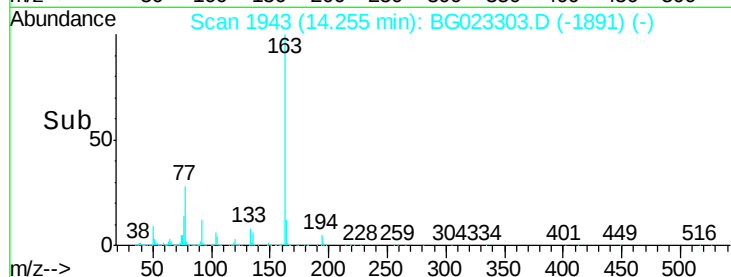
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.63 ng

RT: 14.38 min Scan# 1965

Delta R.T. 0.01 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

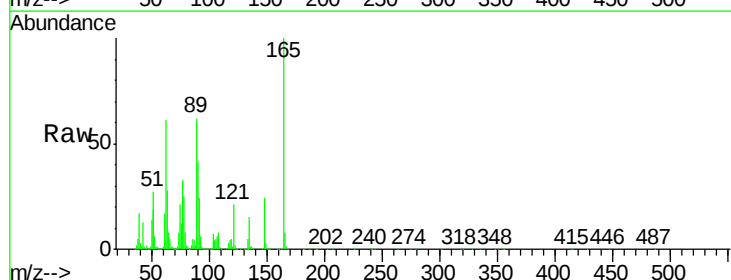
Tgt Ion:165 Resp: 418125

Ion Ratio Lower Upper

165 100

63 60.8 64.3 96.5#

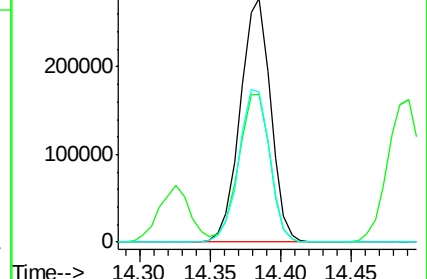
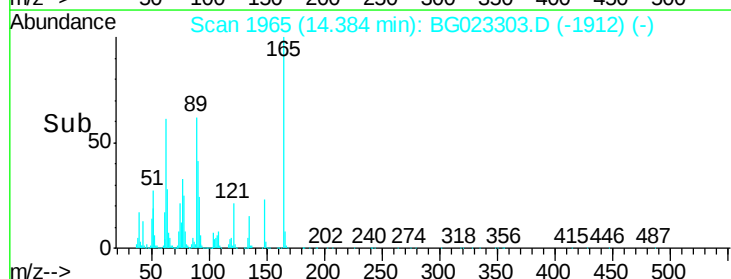
89 61.9 64.3 96.5#

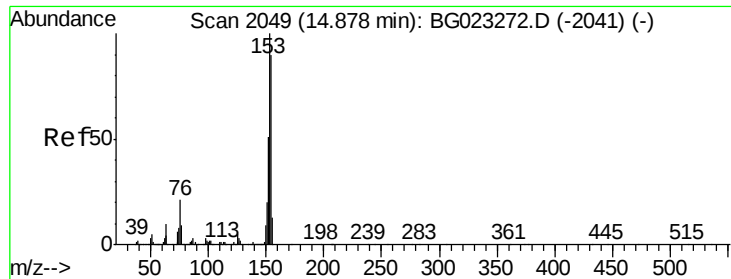


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 43.58 ng

RT: 14.87 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Instrument :

BNA_G

ClientSampleId :

PB92411BS

Tot Ion:154 Resp: 1341376

Ion Ratio Lower Upper

154 100

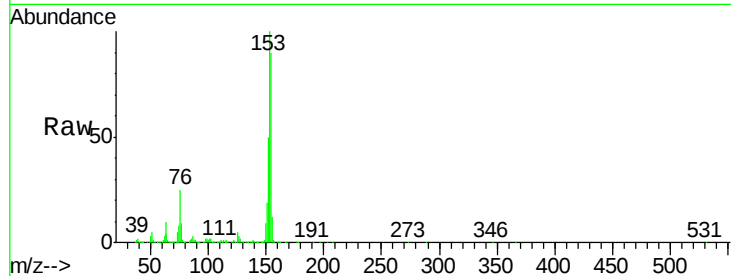
153 110.6 87.5 131.3

152 55.0 42.7 64.1

Manual Integrations

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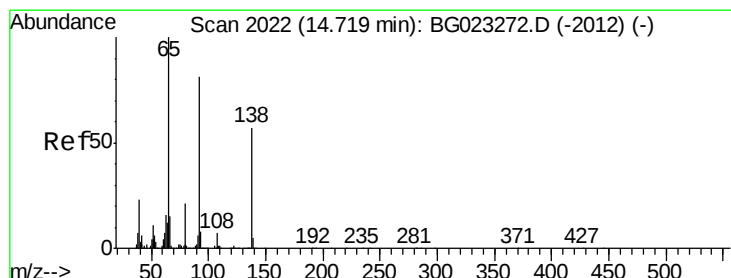
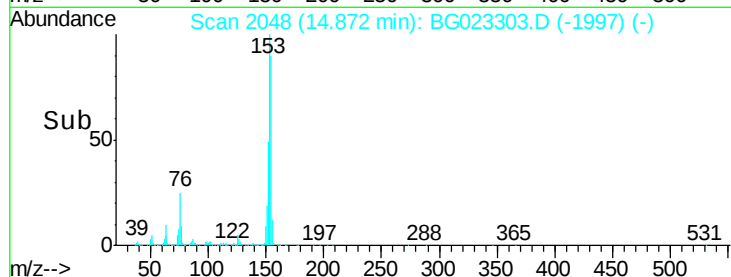
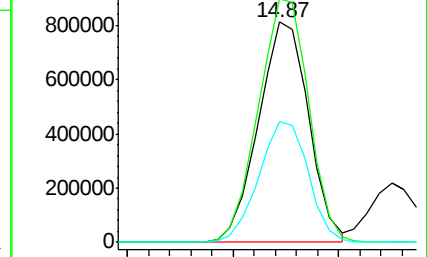
7/28/2016 4:58:36 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.15 ng

RT: 14.72 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

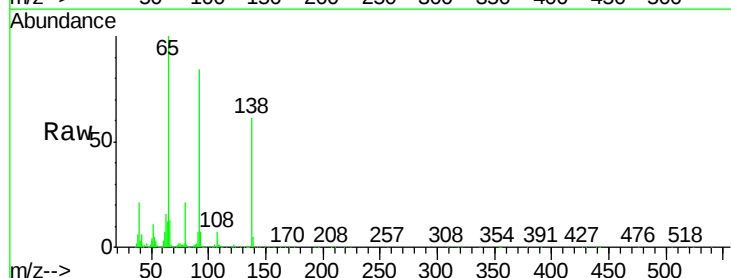
Tgt Ion:138 Resp: 377866

Ion Ratio Lower Upper

138 100

108 11.4 11.7 17.5#

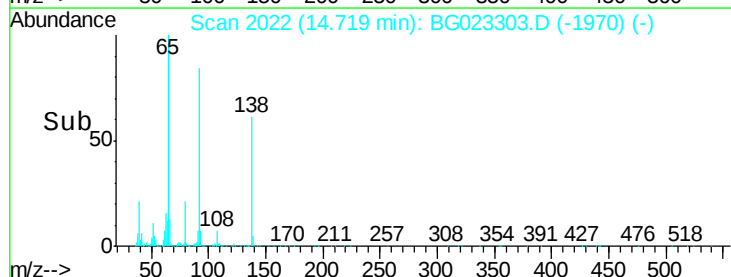
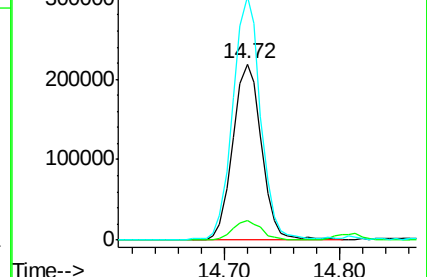
92 138.5 129.7 194.5

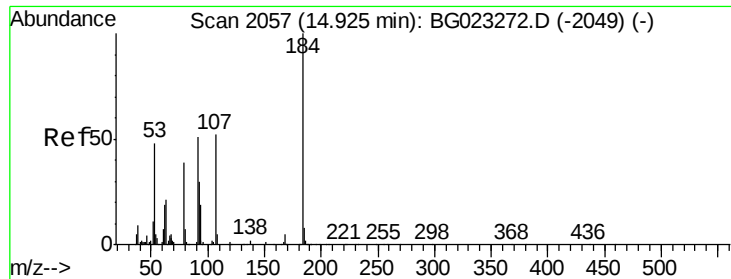


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





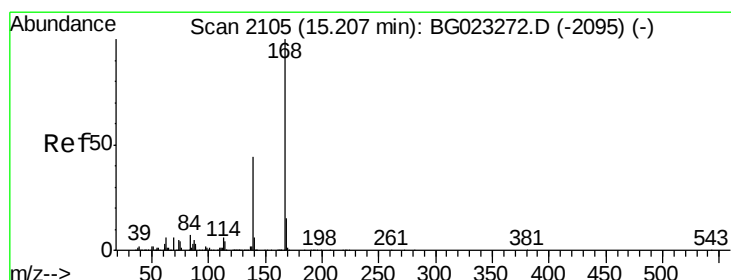
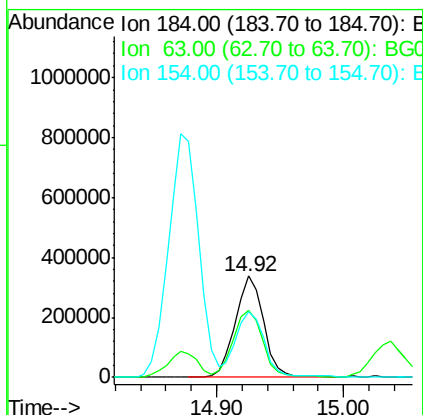
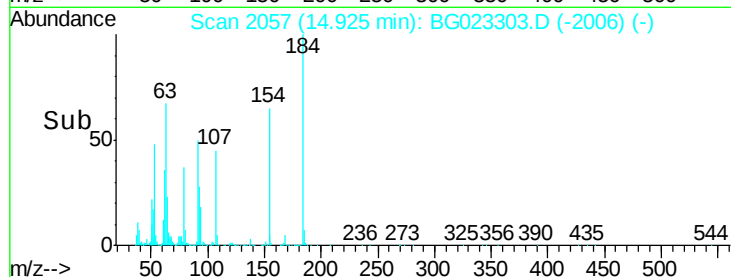
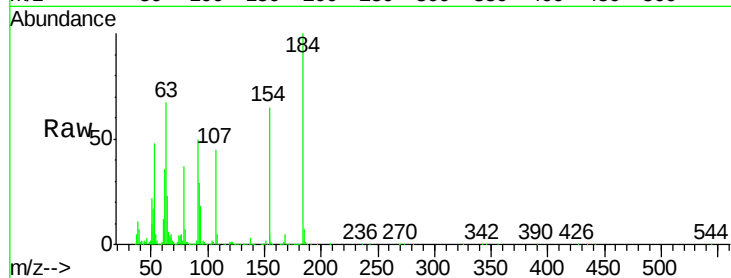
#53
2,4-Dinitrophenol
Concen: 93.62 ng
RT: 14.92 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Instrument :
BNA_G
ClientSampleId :
PB92411BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	66.6	59.6	89.4
154	65.3	67.4	101.0

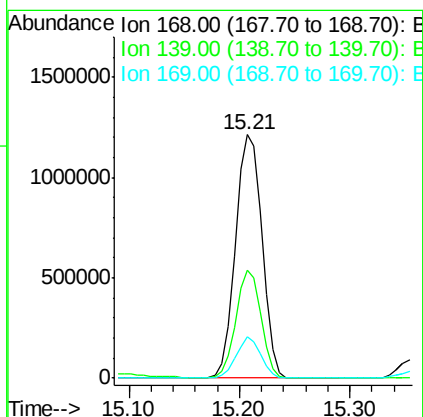
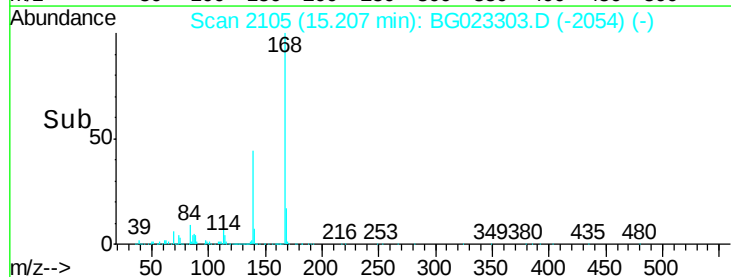
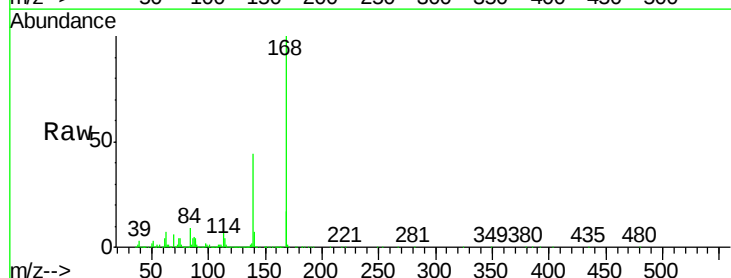
Manual Integrations

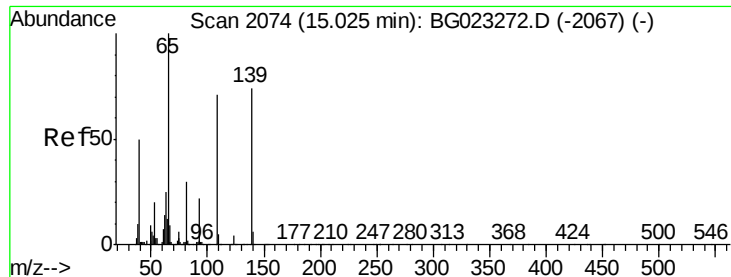
sohil
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#54
Dibenzofuran
Concen: 47.05 ng
RT: 15.21 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.4	36.4	54.6
169	17.0	11.9	17.9





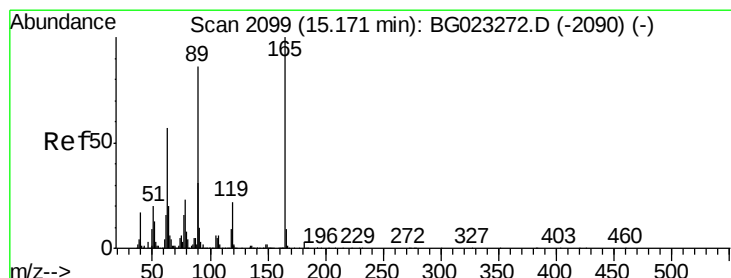
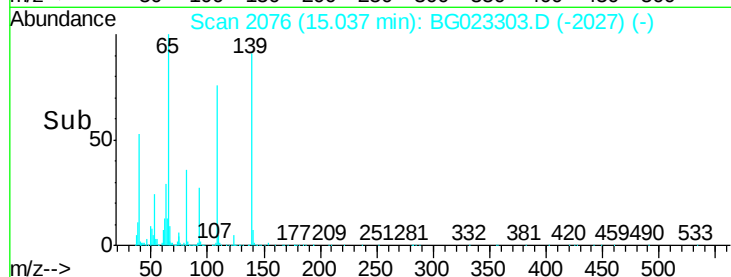
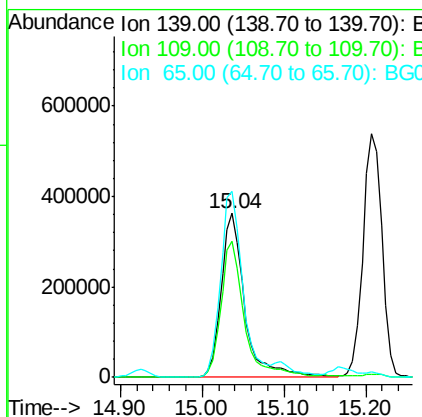
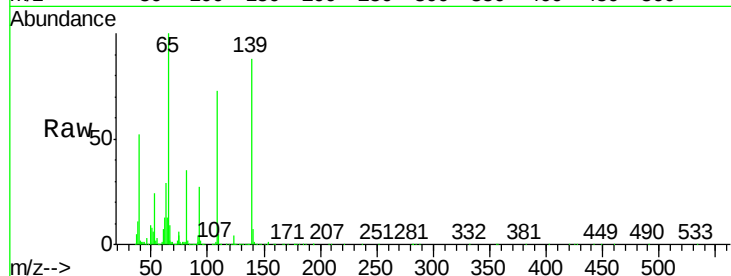
#55
4-Nitrophenol
Concen: 87.24 ng
RT: 15.04 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Instrument :
BNA_G
ClientSampleId :
PB92411BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	82.8	103.0	143.0#
65	113.2	112.7	152.7

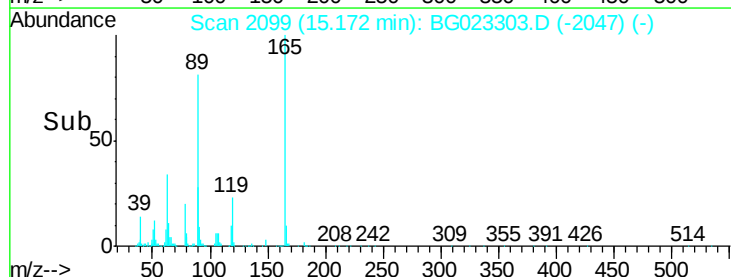
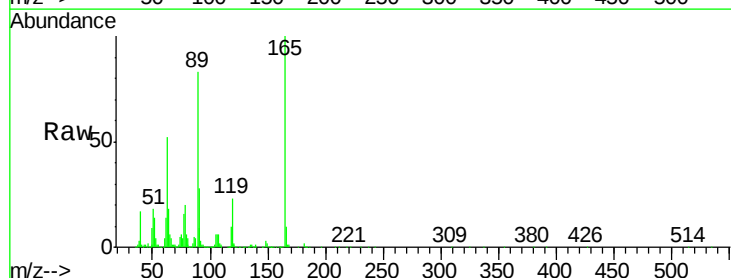
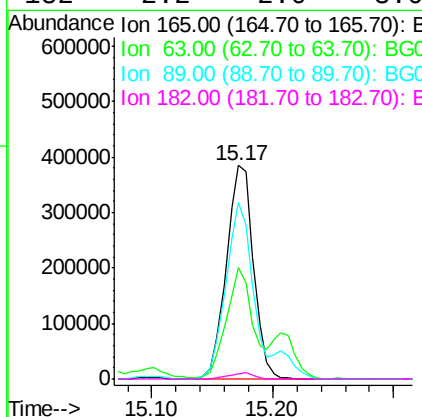
Manual Integrations

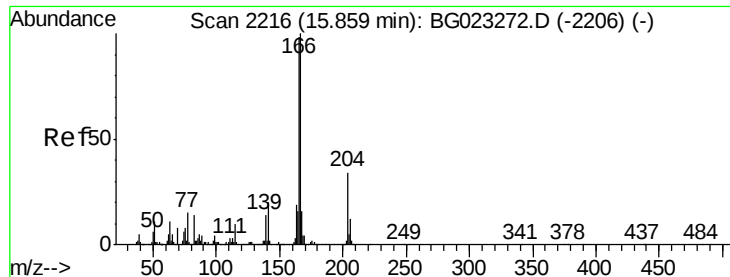
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#56
2,4-Dinitrotoluene
Concen: 44.39 ng
RT: 15.17 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.0	45.8	68.6
89	83.0	68.6	102.8
182	2.2	2.0	3.0





#57

Fluorene

Concen: 44.01 ng

RT: 15.86 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Instrument :

BNA_G

ClientSampled :

PB92411BS

Tot Ion:166 Resp: 1692471

Ion Ratio Lower Upper

166 100

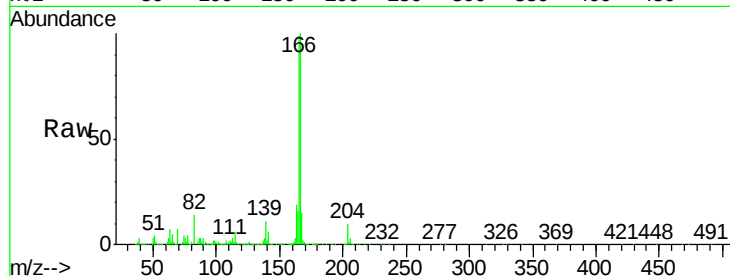
165 98.9 81.0 121.6

167 15.3 12.0 18.0

Manual Integrations

sohil

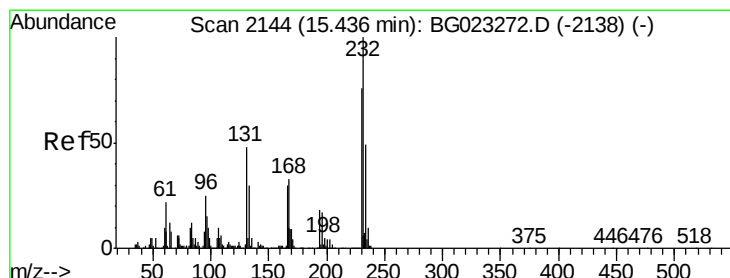
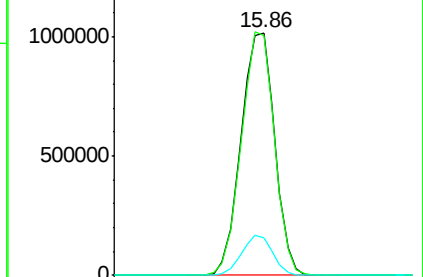
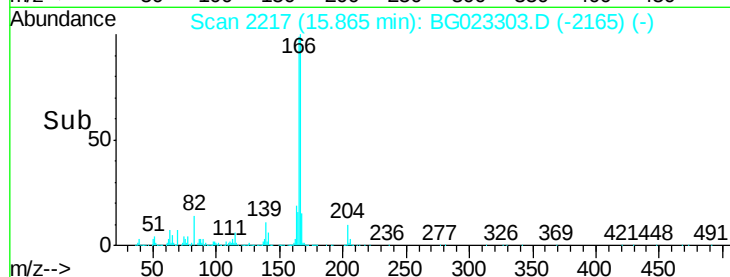
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.00 ng

RT: 15.44 min Scan# 2144

Delta R.T. -0.00 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Tgt Ion:232 Resp: 492493

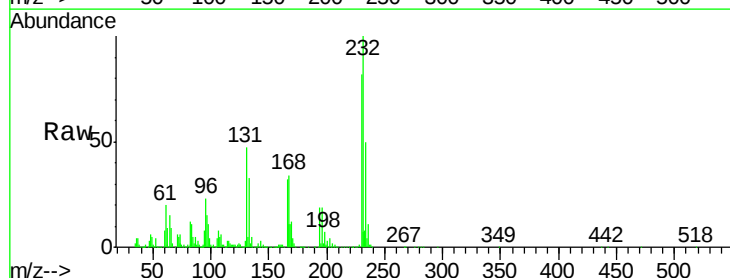
Ion Ratio Lower Upper

232 100

131 46.5 32.7 49.1

130 3.2 2.6 3.8

166 32.2 23.0 34.6

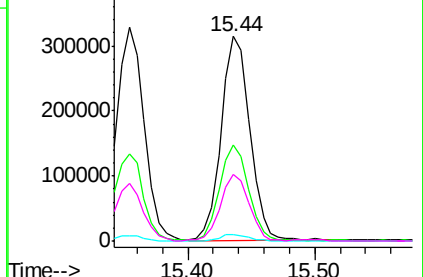
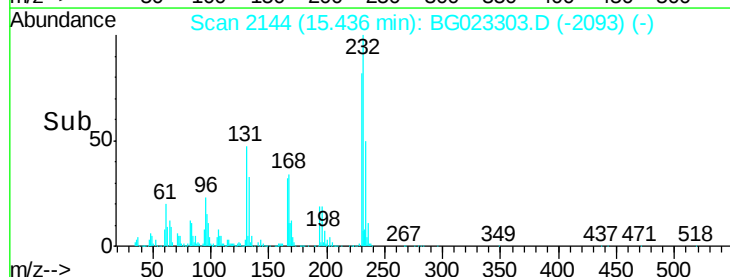


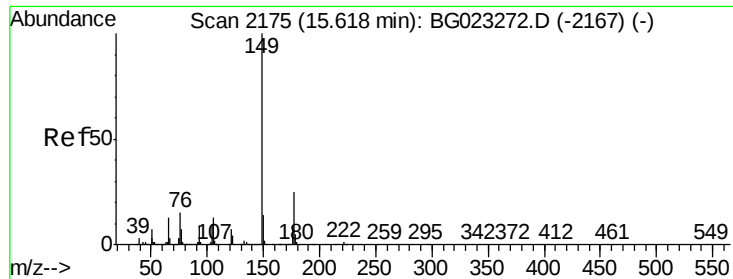
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





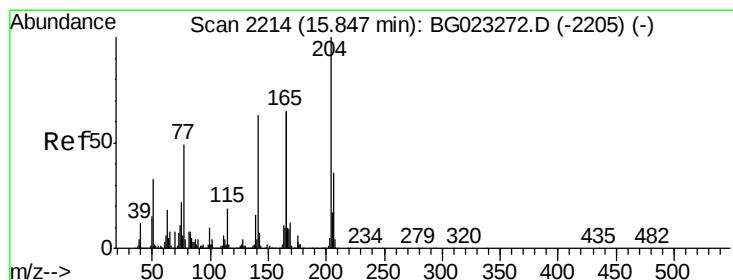
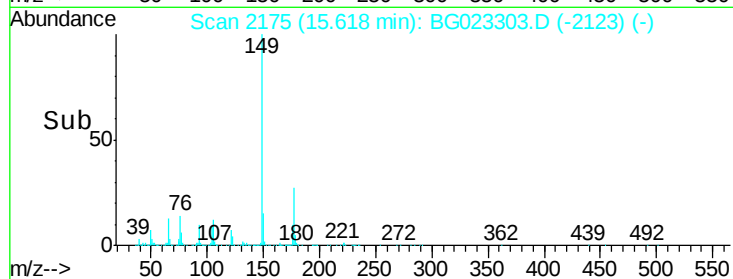
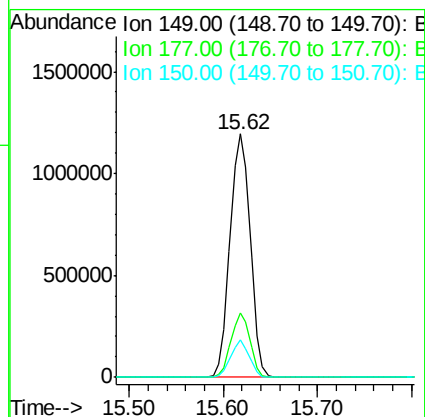
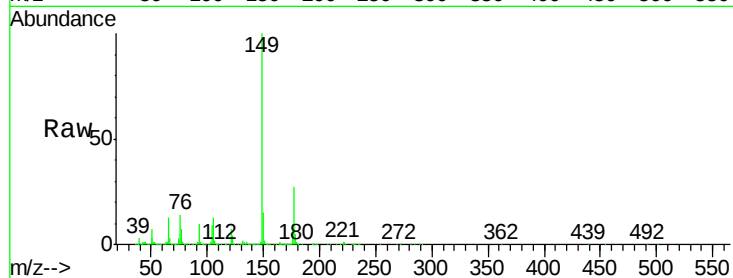
#59
Diethylphthalate
Concen: 42.39 ng
RT: 15.62 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Instrument :
BNA_G
ClientSampleId :
PB92411BS

Tot Ion:149 Resp: 1777033
Ion Ratio Lower Upper
149 100
177 26.7 19.2 28.8
150 15.2 10.6 16.0

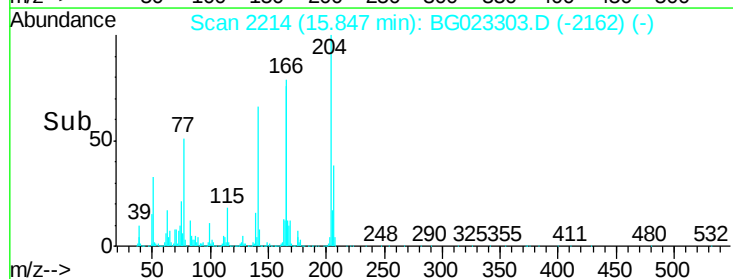
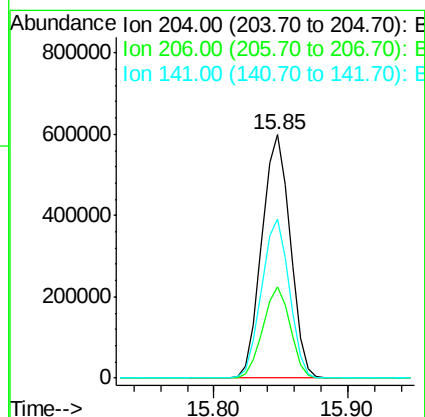
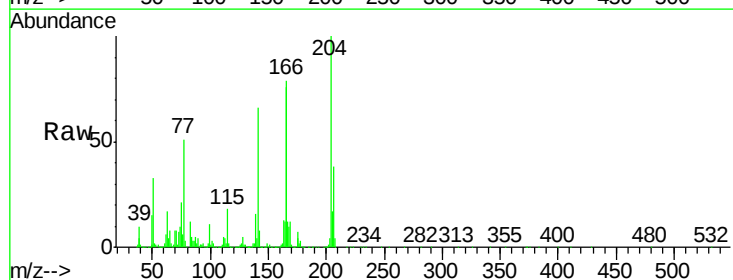
Manual Integrations

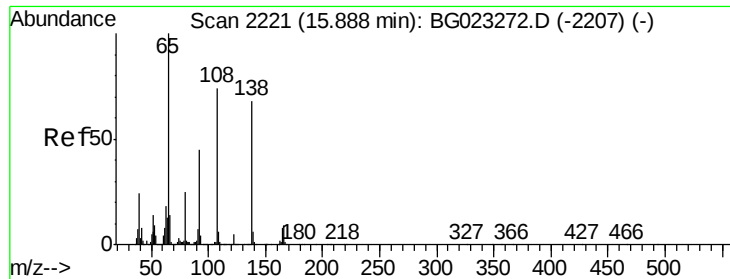
sohil
7/28/2016 4:58:36 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.24 ng
RT: 15.85 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Tgt Ion:204 Resp: 879339
Ion Ratio Lower Upper
204 100
206 37.5 28.5 42.7
141 65.5 51.4 77.0





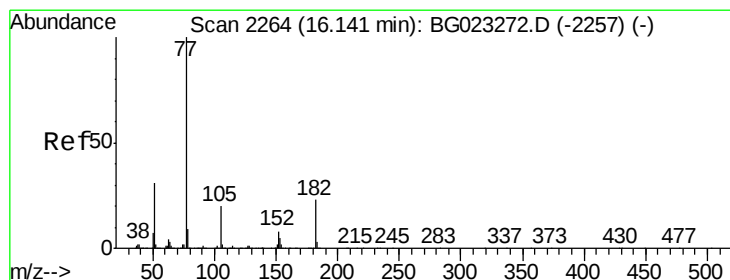
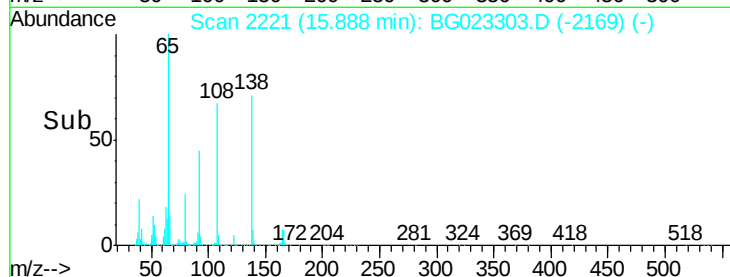
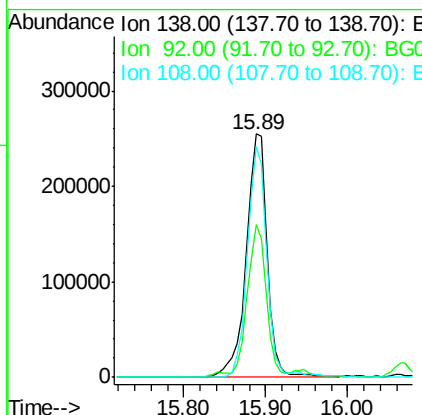
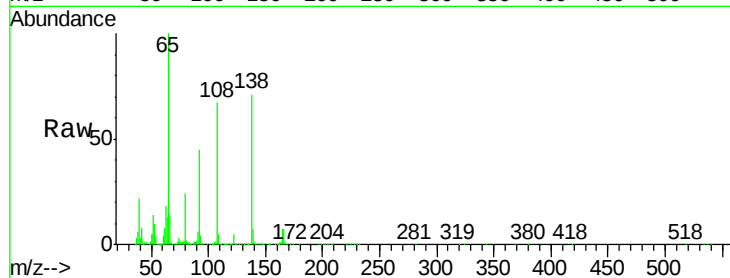
#61
4-Nitroaniline
Concen: 45.34 ng
RT: 15.89 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Instrument :
BNA_G
ClientSampleId :
PB92411BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	62.8	54.1	94.1
108	94.9	133.9	173.9#

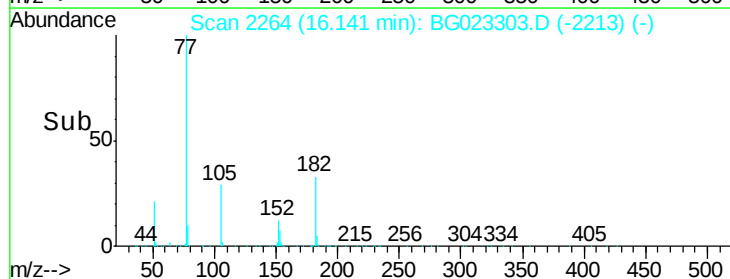
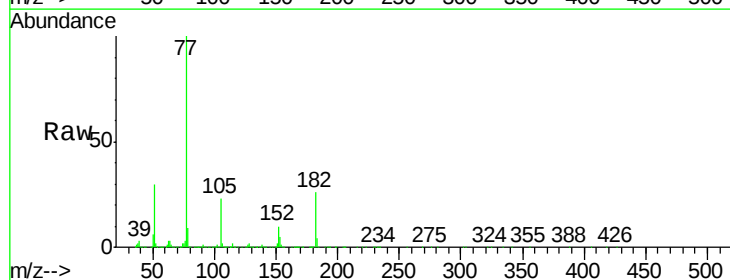
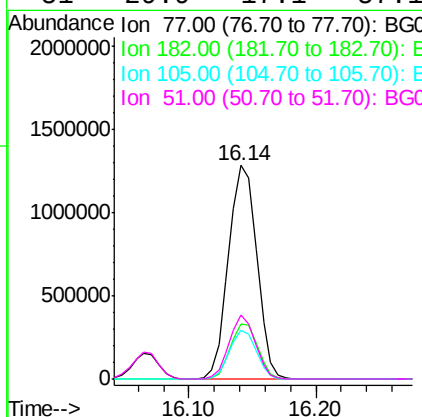
Manual Integrations

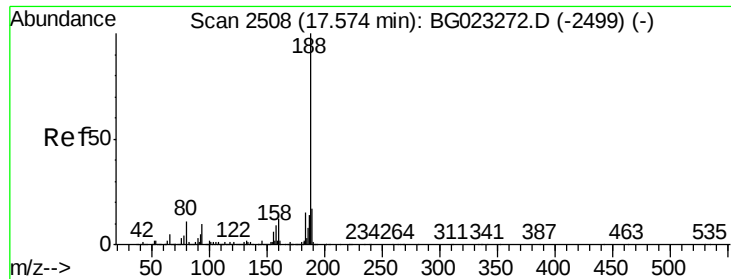
sohil
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#62
Azobenzene
Concen: 45.30 ng
RT: 16.14 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.7	3.5	43.5
105	22.7	0.0	38.5
51	29.9	17.1	57.1





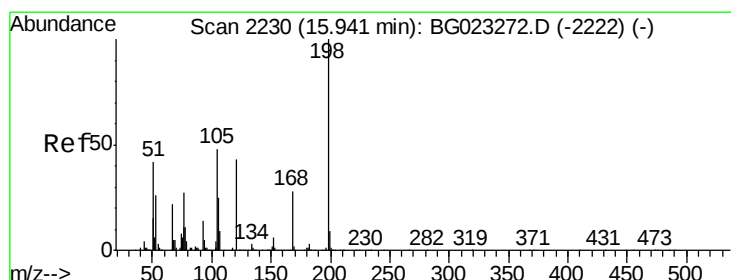
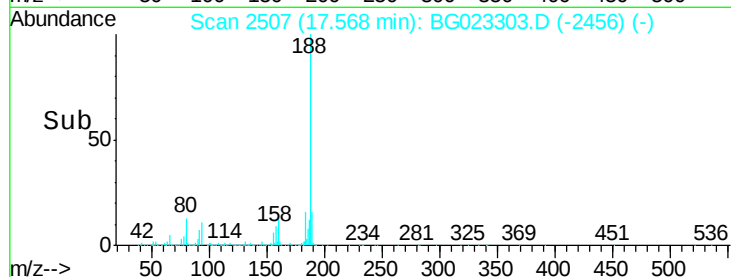
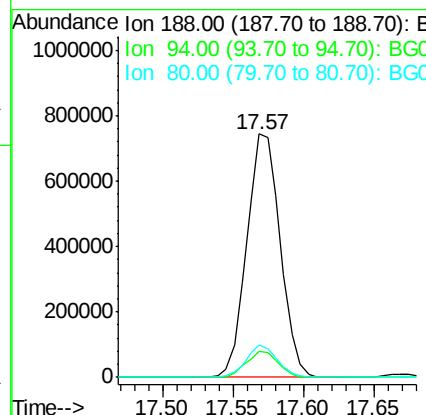
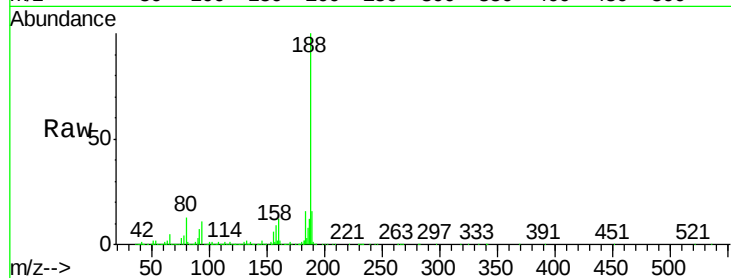
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Instrument :
BNA_G
ClientSampleId :
PB92411BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	5.2	7.8#
80	13.1	7.2	10.8#

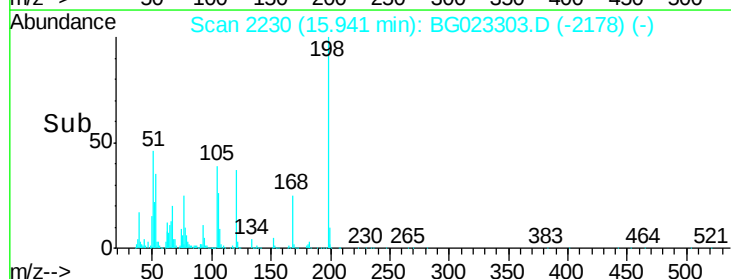
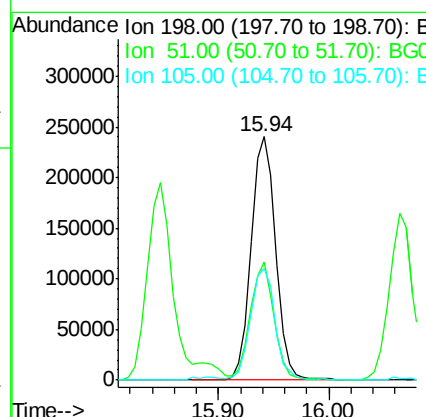
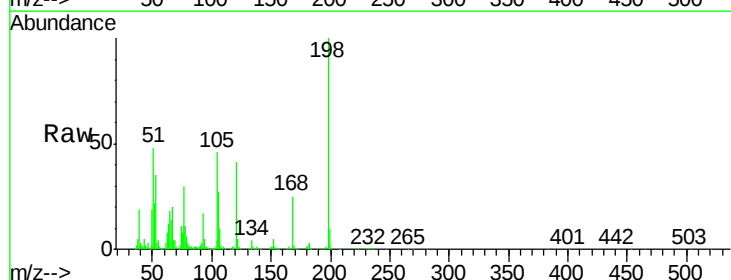
Manual Integrations

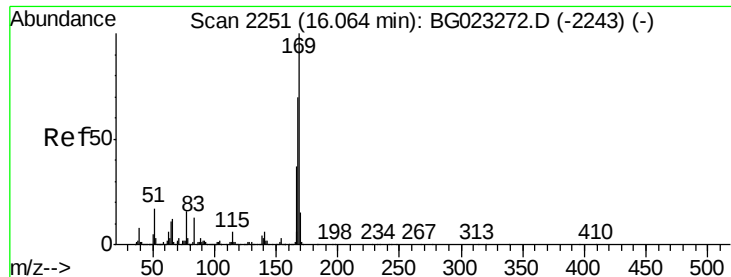
sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 47.31 ng
RT: 15.94 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Tgt Ion	Ratio	Lower	Upper
198	100		
51	48.4	26.0	66.0
105	46.1	20.1	60.1





#65

n-Nitrosodiphenylamine

Concen: 47.41 ng

RT: 16.06 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Instrument :

BNA_G

ClientSampled :

PB92411BS

Tot Ion:169 Resp: 1560071

Ion Ratio Lower Upper

169 100

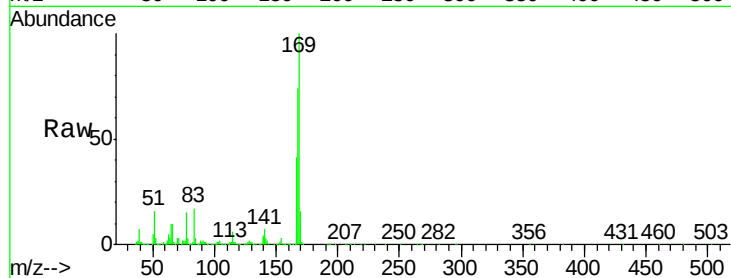
168 74.0 55.0 82.4

167 41.1 27.4 41.0#

Manual Integrations

sohil

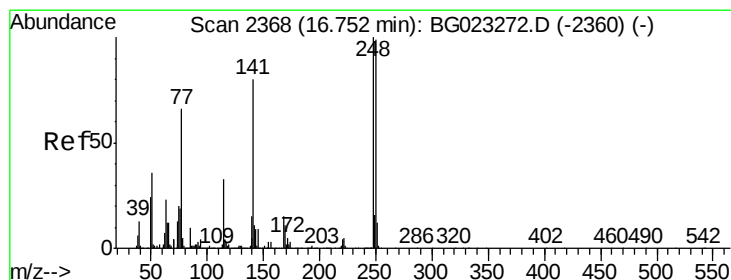
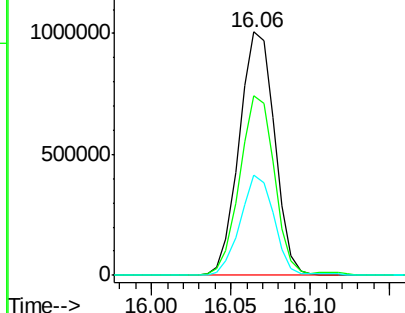
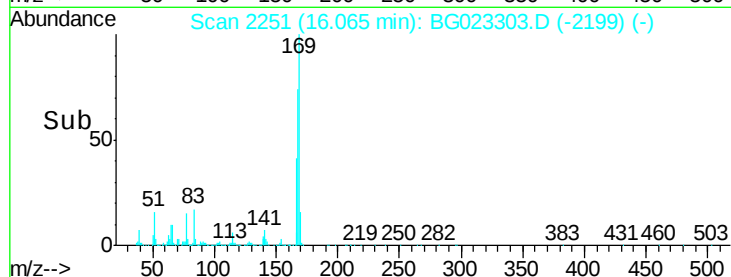
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.18 ng

RT: 16.75 min Scan# 2368

Delta R.T. 0.00 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

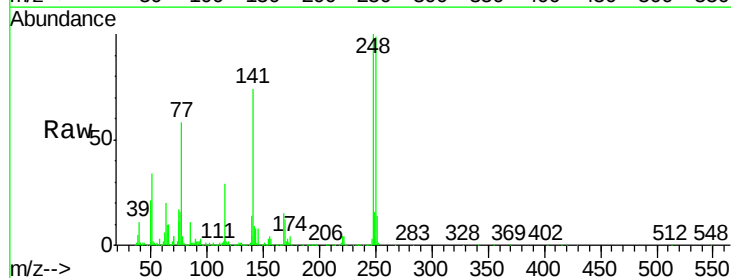
Tgt Ion:248 Resp: 600418

Ion Ratio Lower Upper

248 100

250 99.3 77.8 116.8

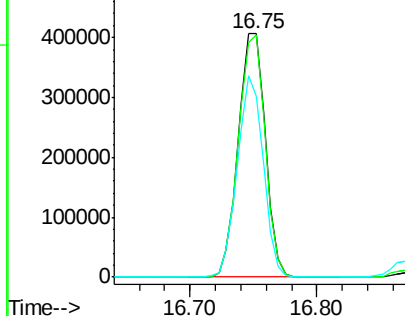
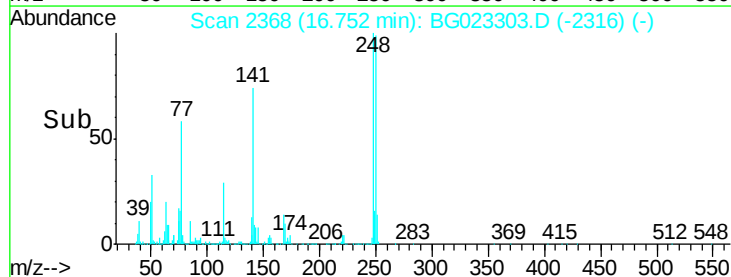
141 74.2 65.7 98.5

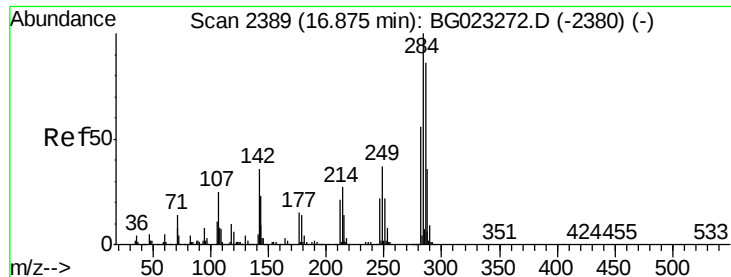


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





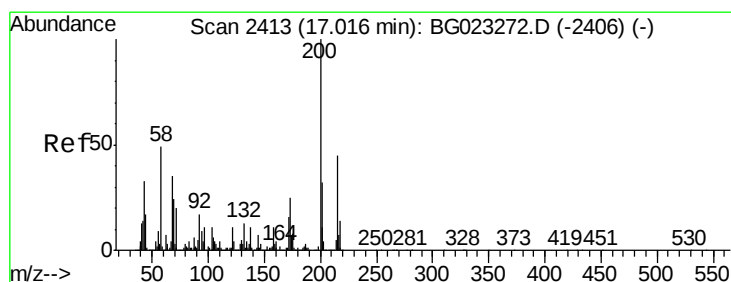
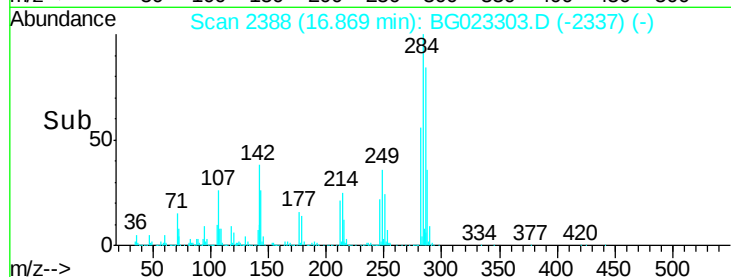
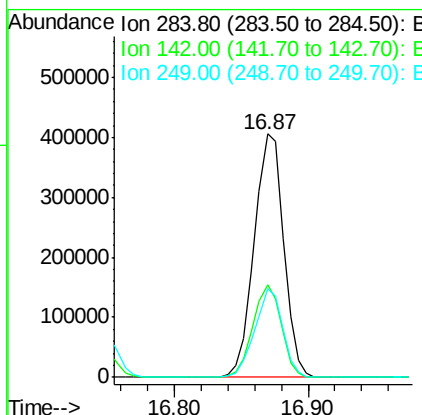
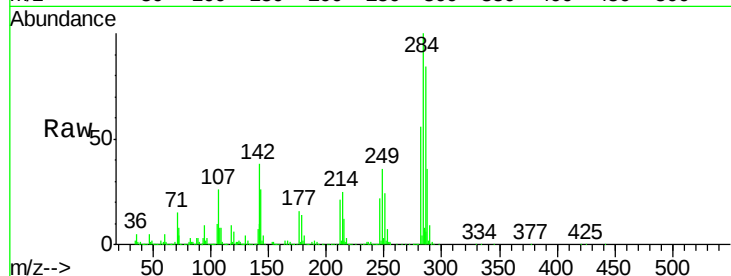
#67
Hexachlorobenzene
Concen: 49.02 ng
RT: 16.87 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Instrument :
BNA_G
ClientSampled :
PB92411BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	37.9	26.8	40.2
249	36.2	28.9	43.3

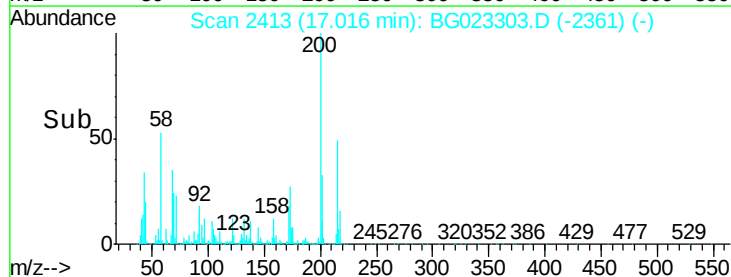
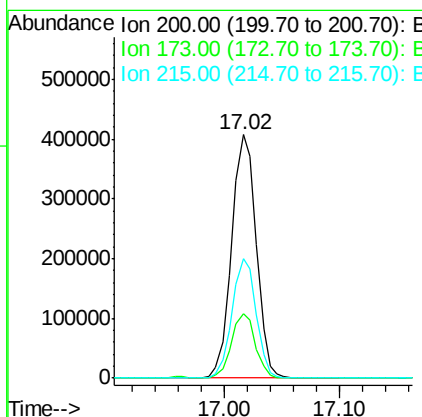
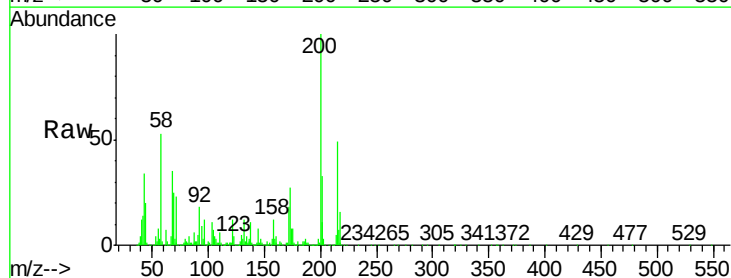
Manual Integrations

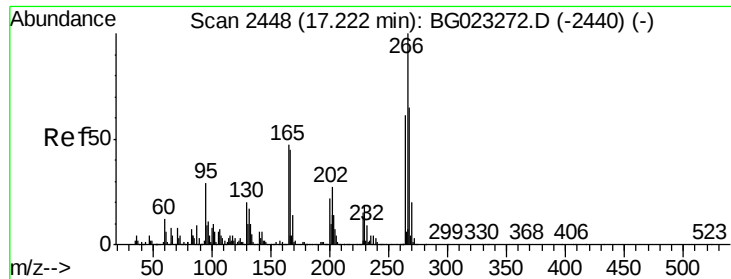
sohil
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#68
Atrazine
Concen: 47.73 ng
RT: 17.02 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.7	1.6	41.6
215	49.2	28.7	68.7





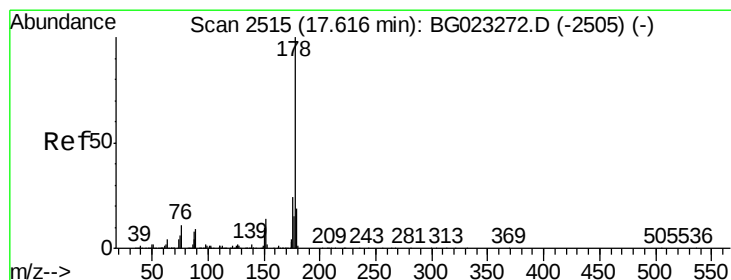
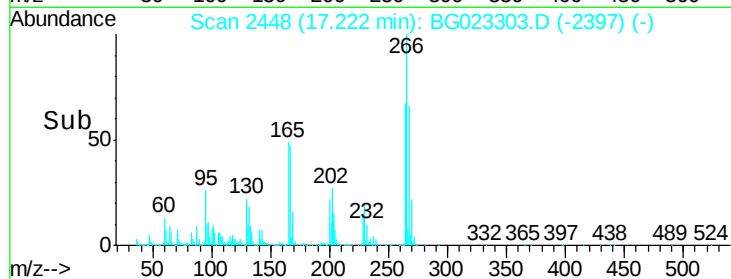
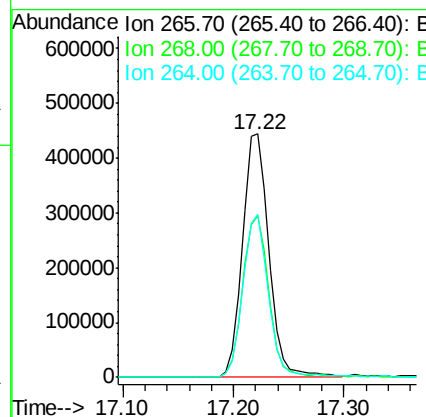
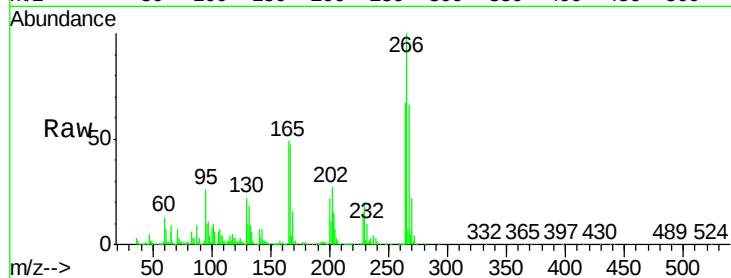
#69
 Pentachlorophenol
 Concen: 96.81 ng
 RT: 17.22 min Scan# 2448
 Delta R.T. 0.00 min
 Lab File: BG023303.D
 Acq: 28 Jul 2016 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB92411BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.3	51.9	77.9
264	66.7	50.6	75.8

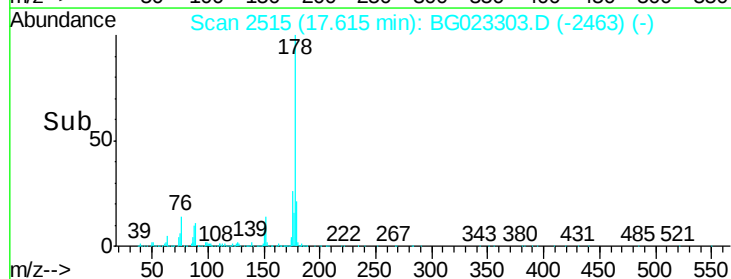
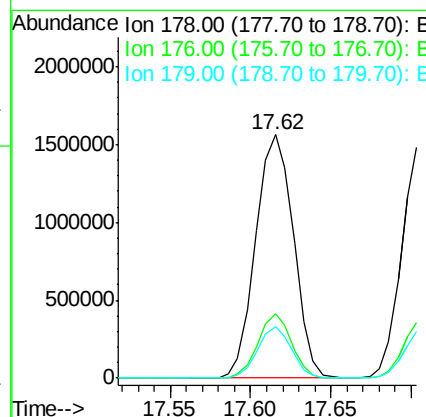
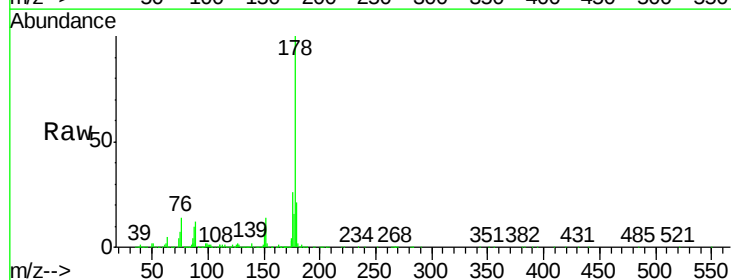
Manual Integrations

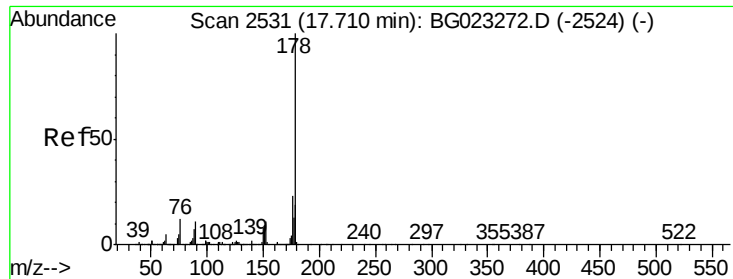
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#70
 Phenanthrene
 Concen: 47.33 ng m
 RT: 17.62 min Scan# 2515
 Delta R.T. 0.00 min
 Lab File: BG023303.D
 Acq: 28 Jul 2016 4:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	26.4	16.8	25.2#
179	21.1	14.3	21.5





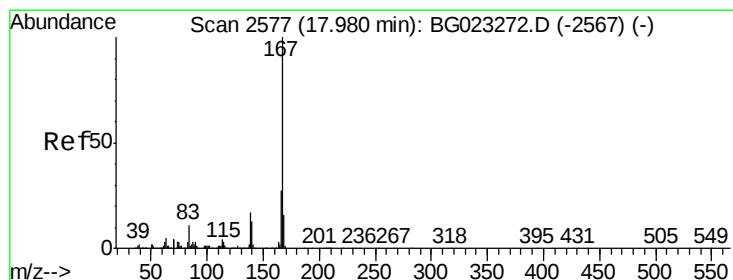
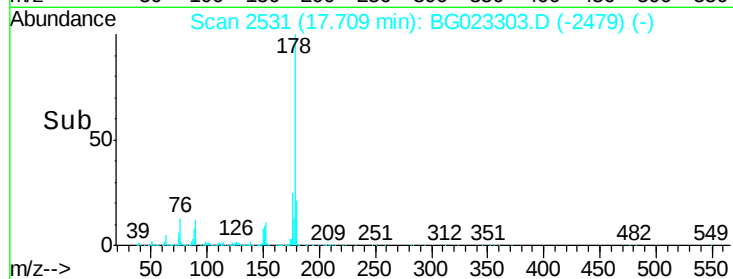
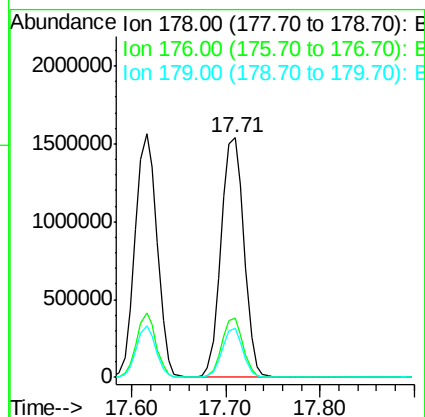
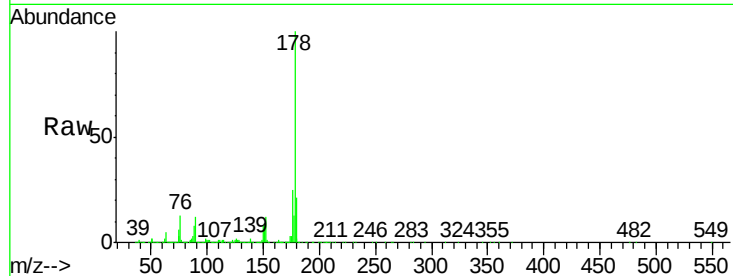
#71
 Anthracene
 Concen: 48.19 ng
 RT: 17.71 min Scan# 2531
 Delta R.T. 0.00 min
 Lab File: BG023303.D
 Acq: 28 Jul 2016 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB92411BS

Tot Ion:178 Resp: 2625271
 Ion Ratio Lower Upper
 178 100
 176 24.9 17.3 25.9
 179 20.7 14.0 21.0

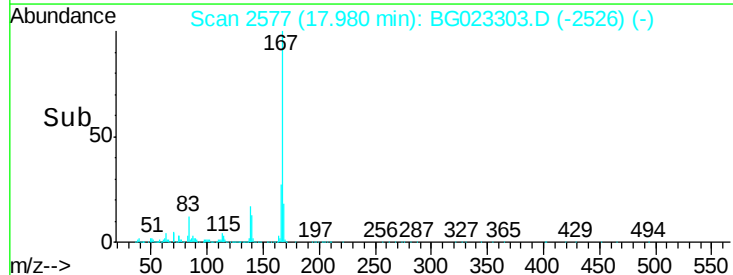
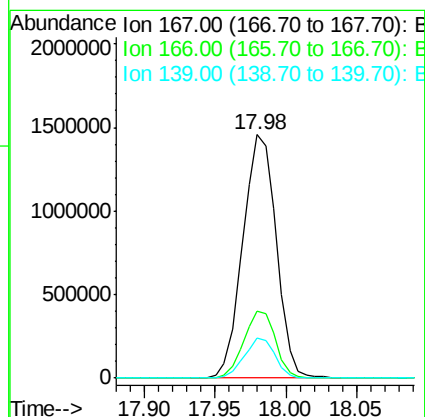
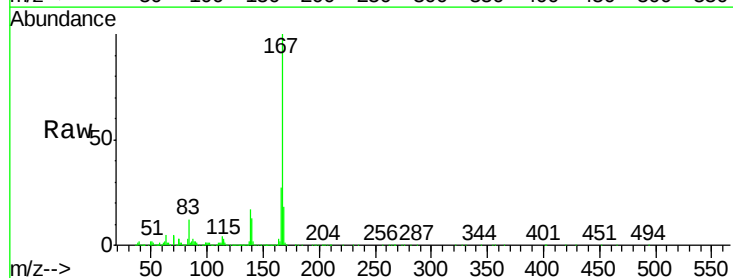
Manual Integrations

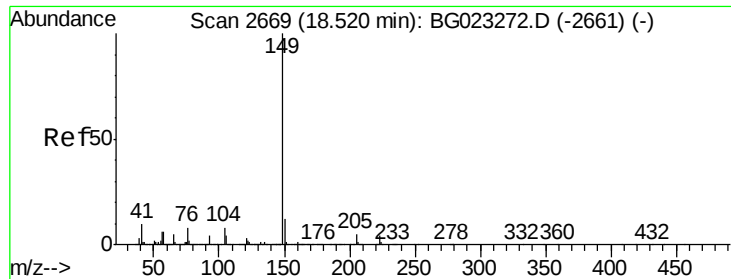
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#72
 Carbazole
 Concen: 48.54 ng
 RT: 17.98 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG023303.D
 Acq: 28 Jul 2016 4:20

Tgt Ion:167 Resp: 2421637
 Ion Ratio Lower Upper
 167 100
 166 27.3 20.7 31.1
 139 16.6 11.9 17.9





#73

Di-n-butylphthalate

Concen: 47.61 ng

RT: 18.52 min Scan# 2669

Delta R.T. -0.00 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Instrument :

BNA_G

ClientSampleId :

PB92411BS

Tot Ion:149 Resp: 2650024

Ion	Ratio	Lower	Upper
149	100		
150	13.7	9.1	13.7
104	8.6	6.9	10.3

149 100

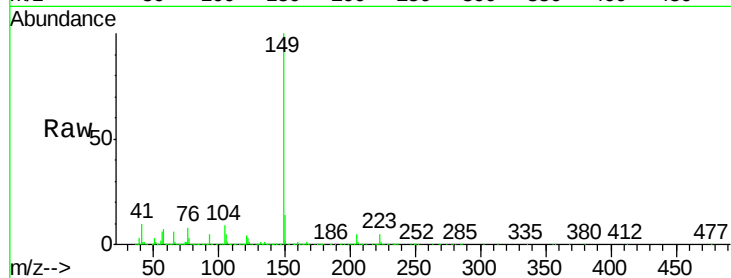
150 13.7 9.1 13.7

104 8.6 6.9 10.3

Manual Integrations

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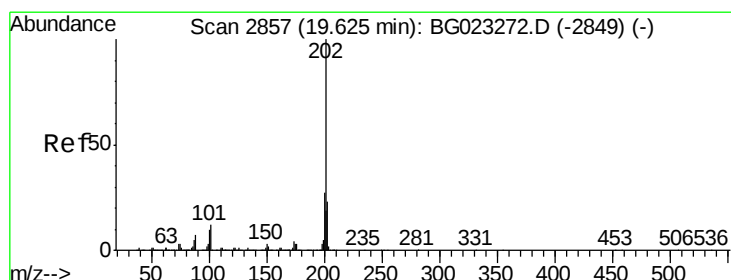
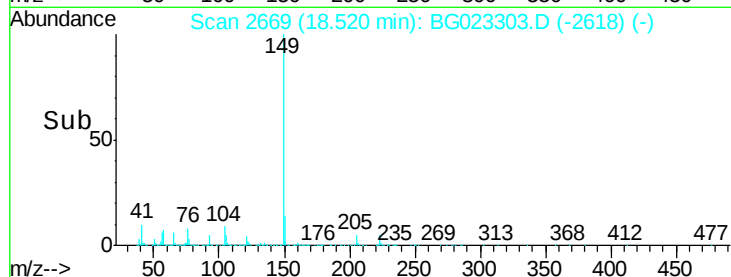
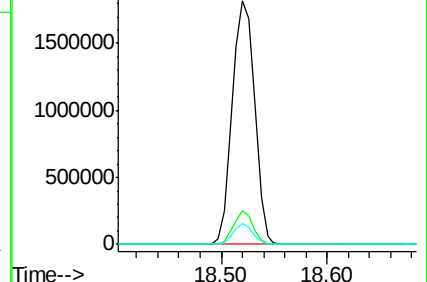
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.48 ng

RT: 19.62 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

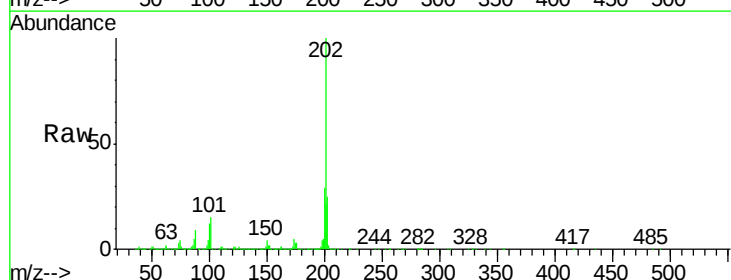
Tgt Ion:202 Resp: 2798021

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	27.4
203	25.3	1.7	41.7

202 100

101 15.5 0.0 27.4

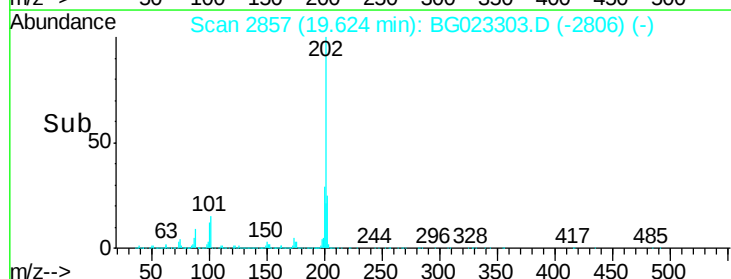
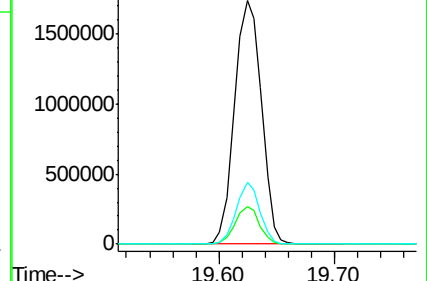
203 25.3 1.7 41.7

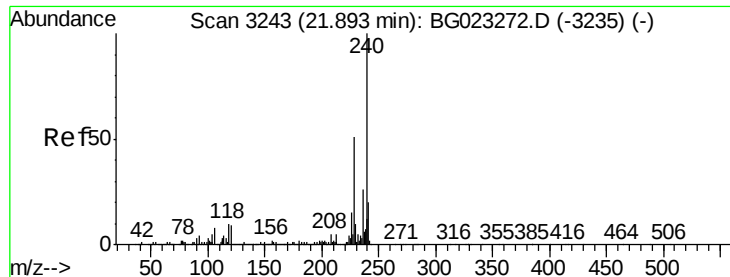


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.90 min Scan# 3244

Delta R.T. 0.01 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Instrument :

BNA_G

ClientSampleId :

PB92411BS

Tot Ion:240 Resp: 1194033

Ion Ratio Lower Upper

240 100

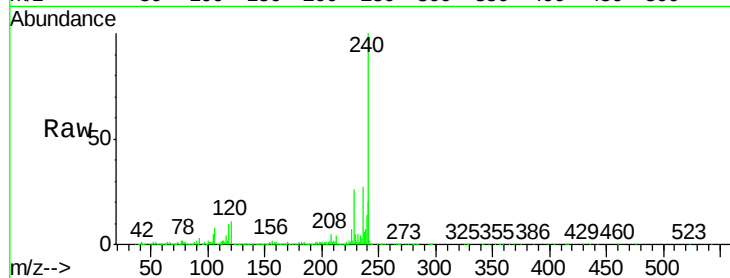
120 10.6 4.1 6.1#

236 27.3 21.1 31.7

Manual Integrations

sohil

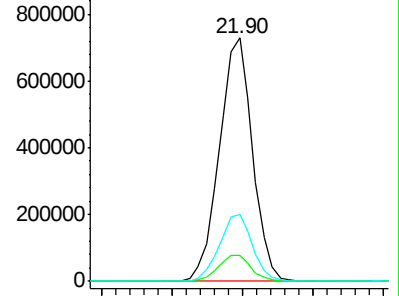
7/28/2016 4:58:36 PM



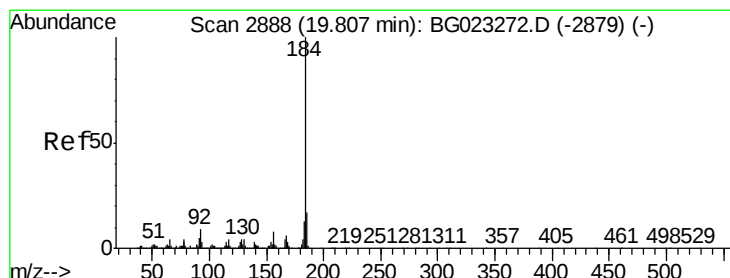
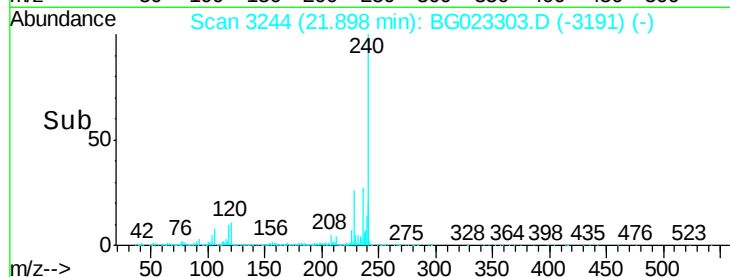
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.80 21.85 21.90 21.95



#76

Benzidine

Concen: 53.10 ng

RT: 19.81 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

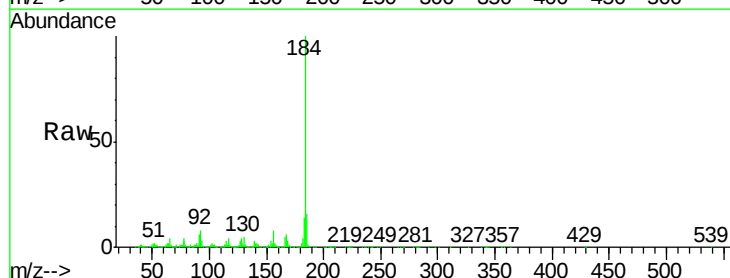
Tgt Ion:184 Resp: 1783183

Ion Ratio Lower Upper

184 100

185 16.4 12.6 19.0

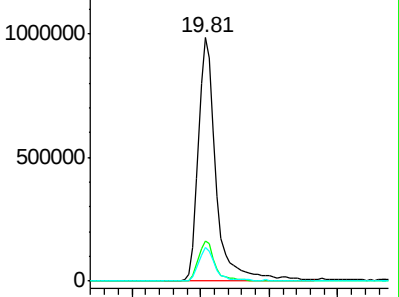
183 13.9 10.7 16.1



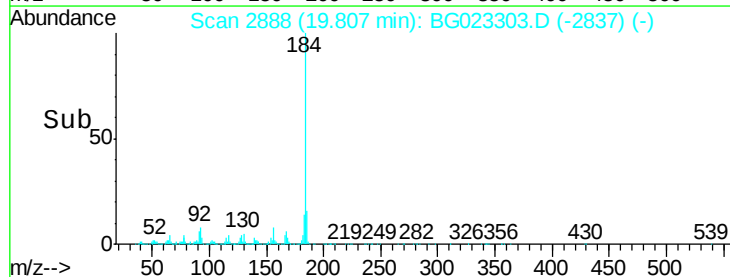
Abundance Ion 184.00 (183.70 to 184.70): E

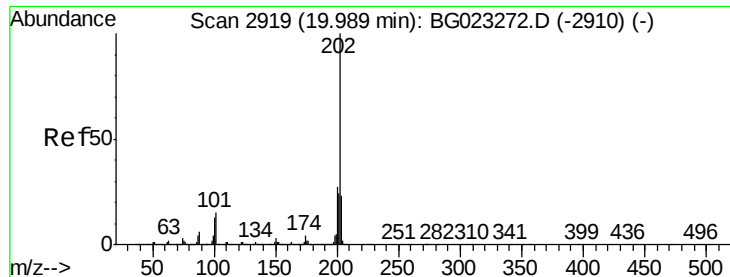
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.70 19.80 19.90 20.00





#77

Pvrene

Concen: 41.42 ng

RT: 19.99 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Instrument :

BNA_G

ClientSampleId :

PB92411BS

Tot Ion:202 Resp: 2806478

Ion Ratio Lower Upper

202 100

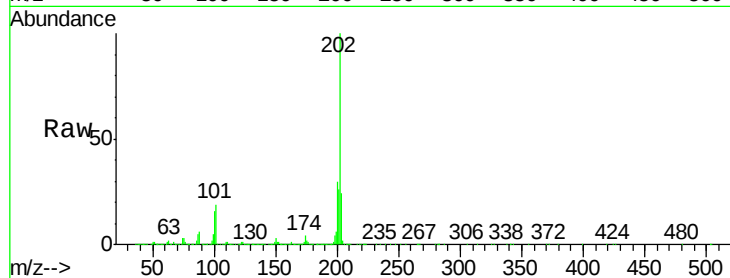
200 29.8 21.2 31.8

203 24.4 16.8 25.2

Manual Integrations

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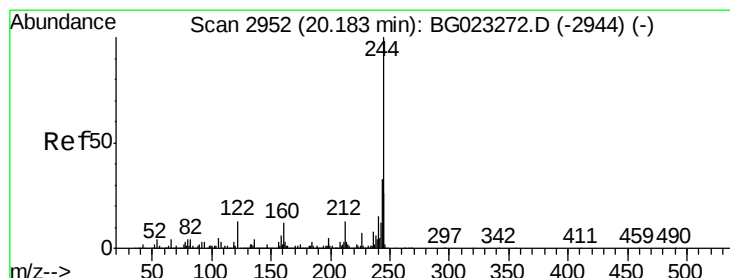
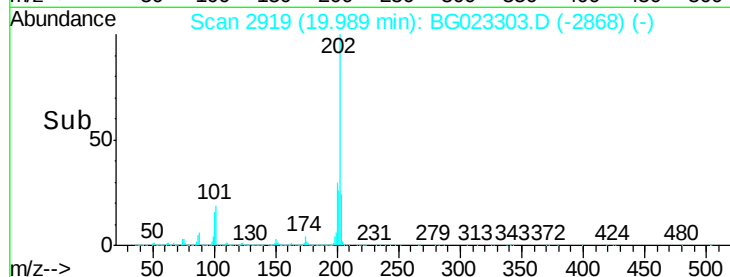
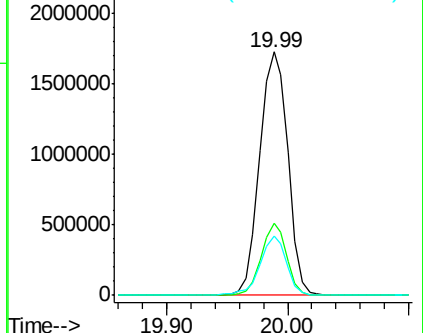
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.70 ng

RT: 20.18 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

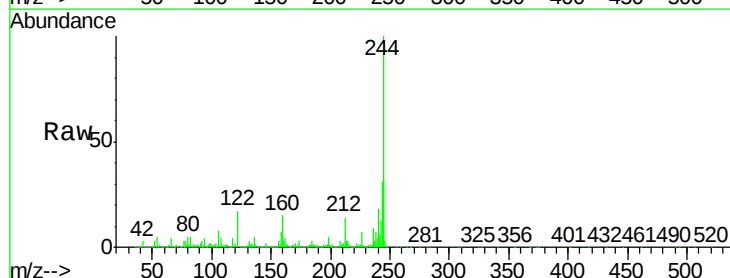
Tgt Ion:244 Resp: 3184756

Ion Ratio Lower Upper

244 100

212 14.3 10.8 16.2

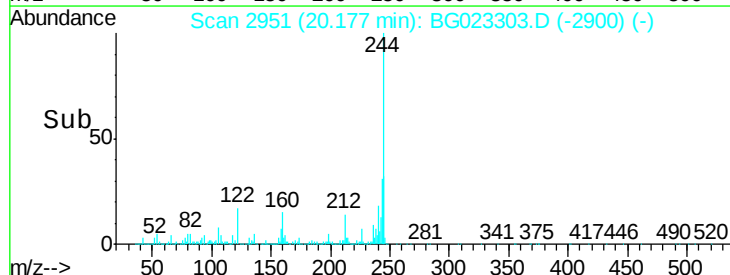
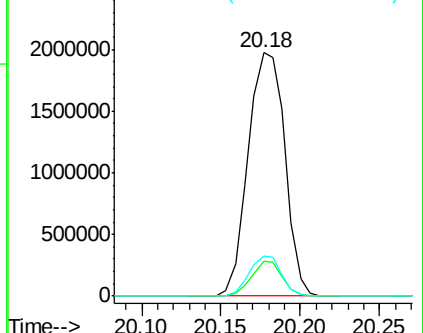
122 16.7 8.0 12.0#

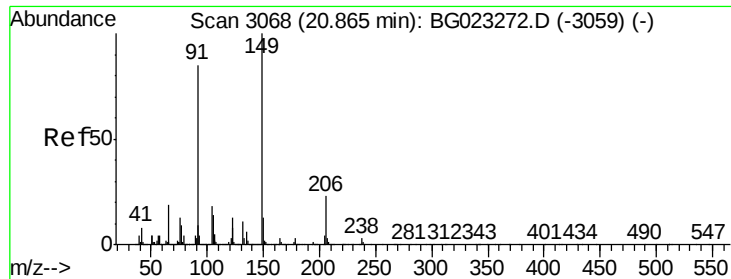


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





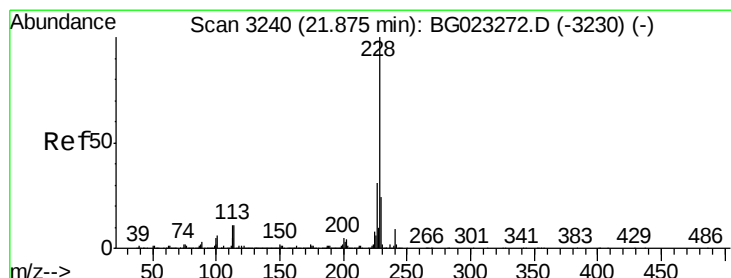
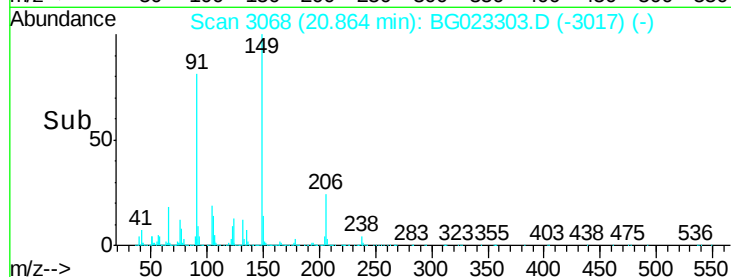
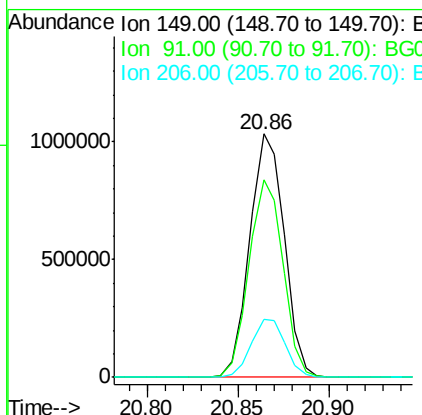
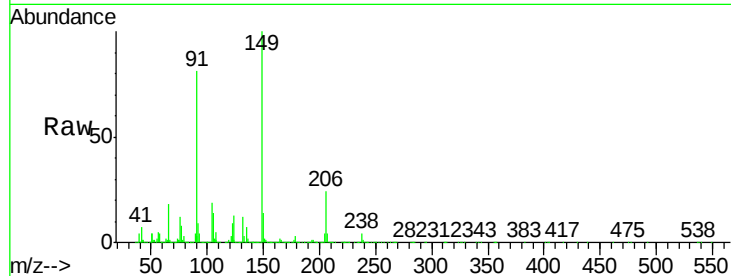
#79
Butylbenzylphthalate
Concen: 46.04 ng
RT: 20.86 min Scan# 3068
Delta R.T. -0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Instrument :
BNA_G
ClientSampled :
PB92411BS

Tot Ion:149 Resp: 1372394
Ion Ratio Lower Upper
149 100
91 81.1 68.1 102.1
206 23.8 19.8 29.6

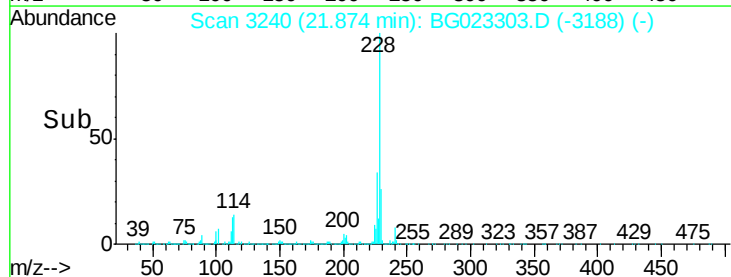
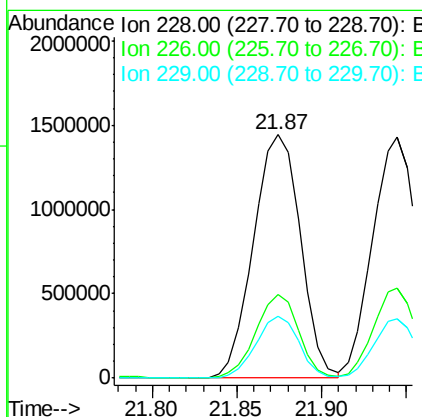
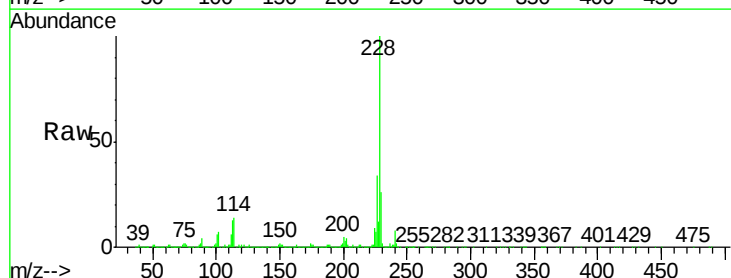
Manual Integrations

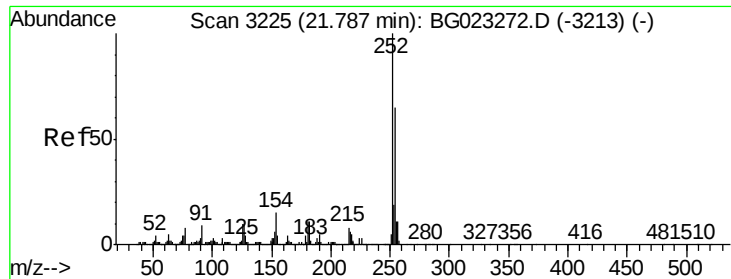
sohil
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#80
Benzo(a)anthracene
Concen: 44.76 ng
RT: 21.87 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Tgt Ion:228 Resp: 2798002
Ion Ratio Lower Upper
228 100
226 34.4 25.3 37.9
229 25.5 19.9 29.9





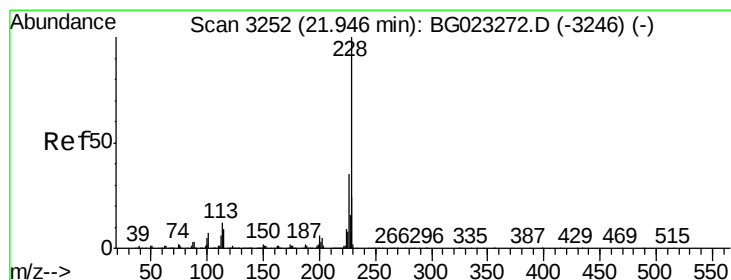
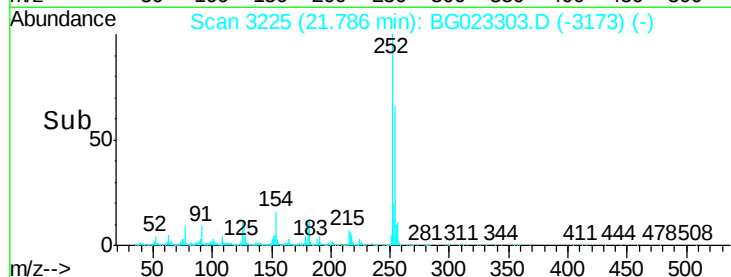
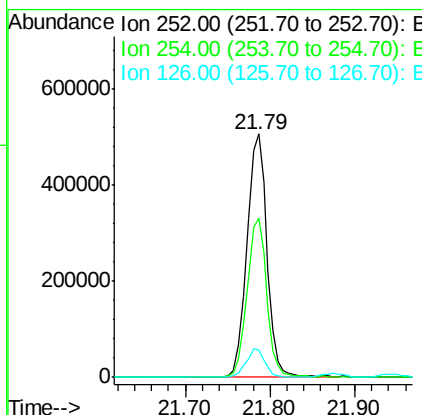
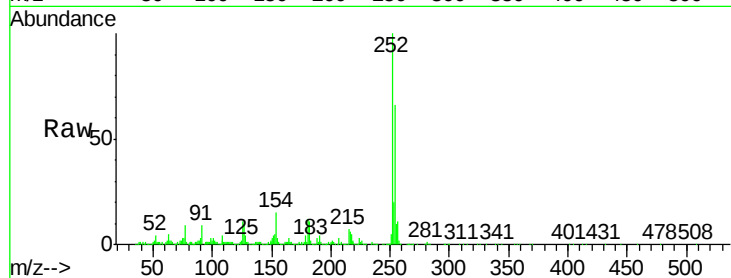
#81
 3,3'-Dichlorobenzidine
 Concen: 32.99 ng
 RT: 21.79 min Scan# 3225
 Delta R.T. 0.00 min
 Lab File: BG023303.D
 Acq: 28 Jul 2016 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB92411BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.2	76.8
126	11.3	5.3	7.9

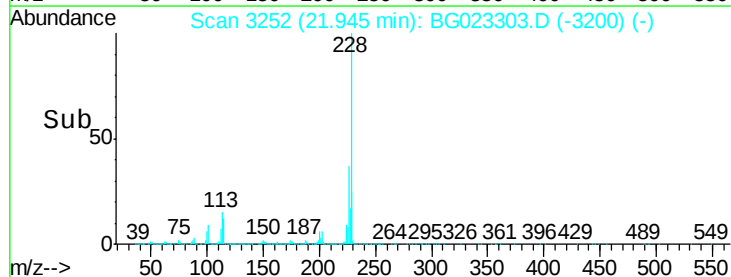
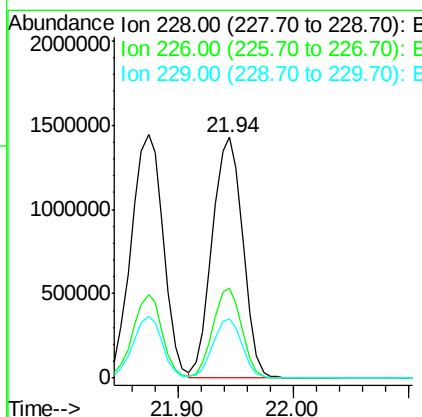
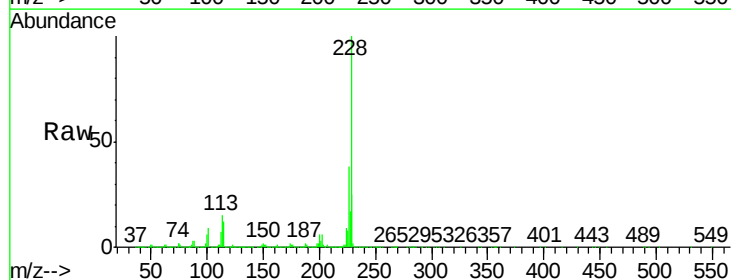
Manual Integrations

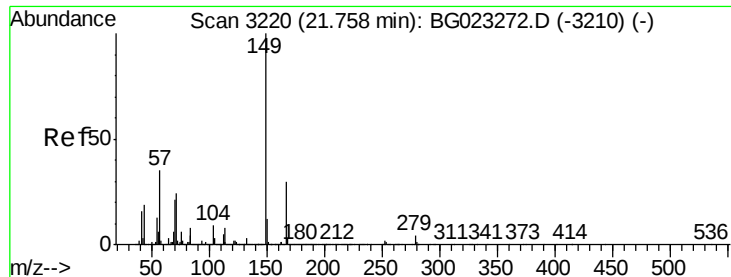
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#82
 Chrysene
 Concen: 43.31 ng
 RT: 21.94 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BG023303.D
 Acq: 28 Jul 2016 4:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.5	26.7	40.1
229	24.6	17.4	26.2





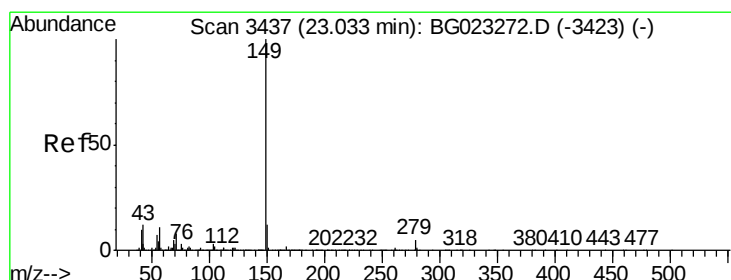
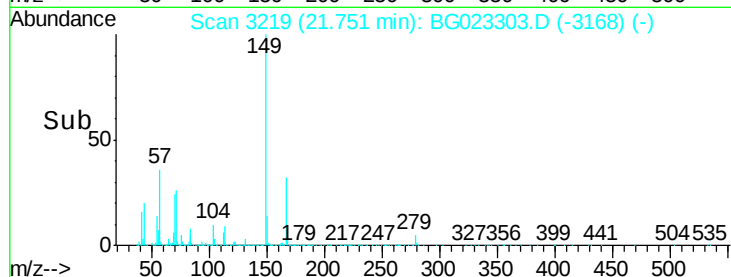
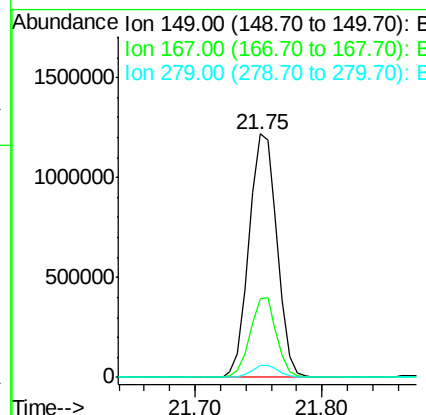
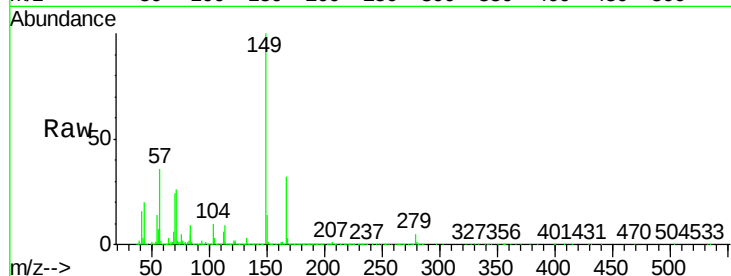
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.65 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. -0.00 min
 Lab File: BG023303.D
 Acq: 28 Jul 2016 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB92411BS

Tot Ion:149 Resp: 1862463
 Ion Ratio Lower Upper
 149 100
 167 32.0 24.0 36.0
 279 4.7 4.8 7.2#

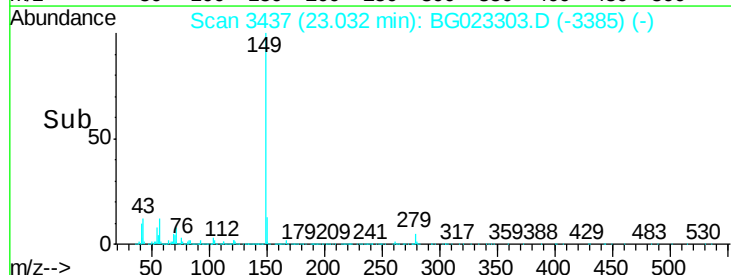
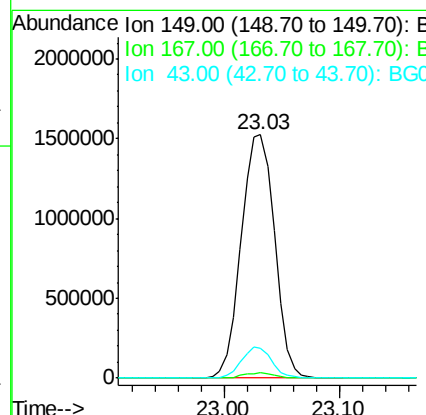
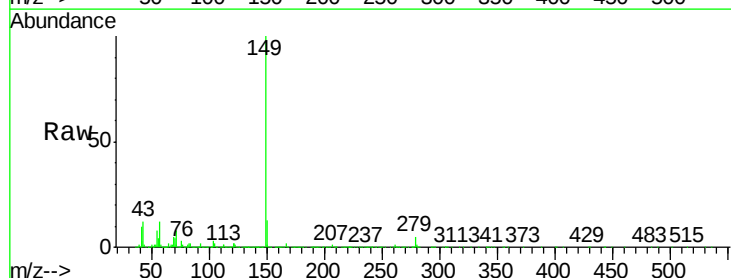
Manual Integrations

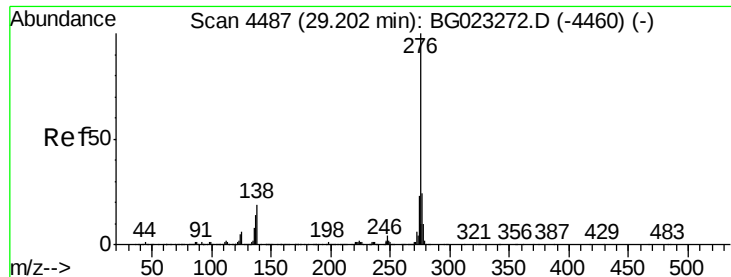
sohil
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#84
 Di-n-octyl phthalate
 Concen: 44.70 ng
 RT: 23.03 min Scan# 3437
 Delta R.T. 0.00 min
 Lab File: BG023303.D
 Acq: 28 Jul 2016 4:20

Tgt Ion:149 Resp: 3049955
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.5 2.3
 43 11.5 8.8 13.2





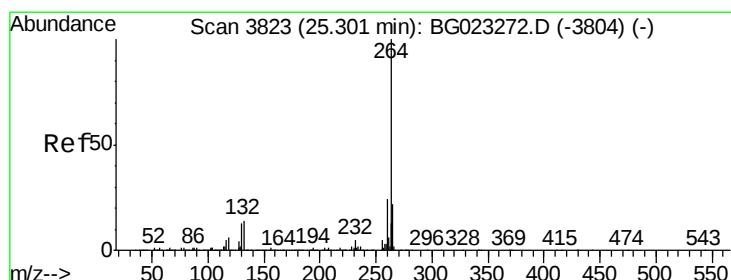
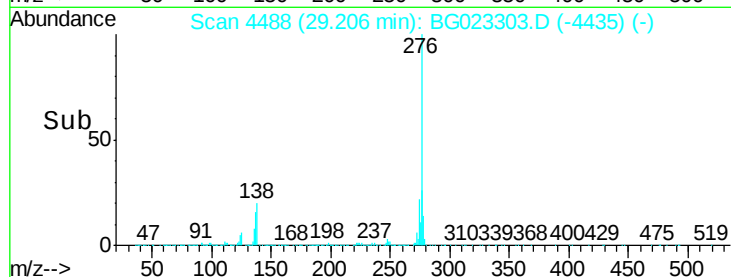
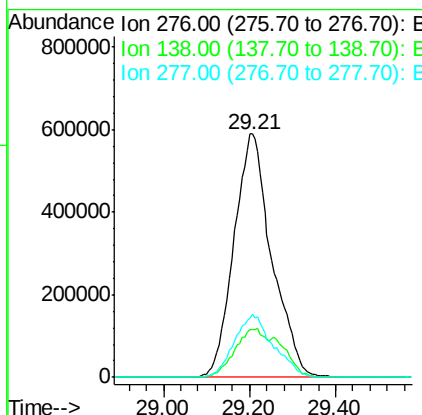
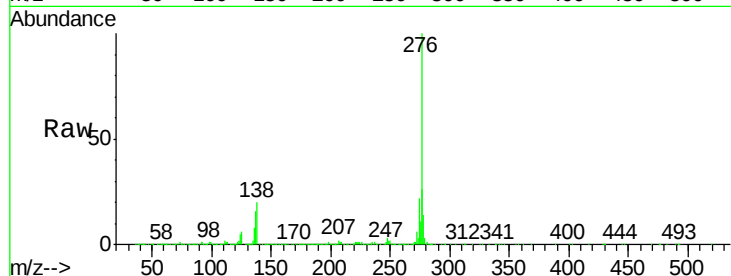
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.32 ng
RT: 29.21 min Scan# 4488
Delta R.T. 0.01 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Instrument :
BNA_G
ClientSampleId :
PB92411BS

Tot Ion:276 Resp: 3615316
Ion Ratio Lower Upper
276 100
138 16.7 0.0 0.0#
277 26.6 0.0 0.0#

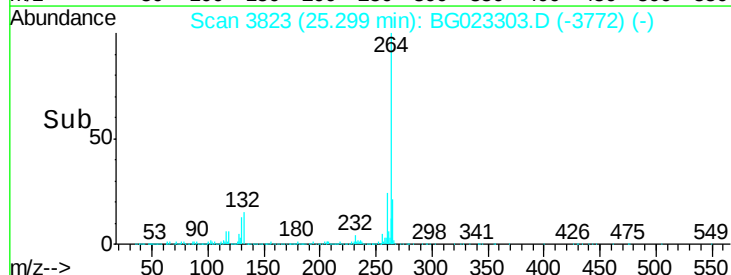
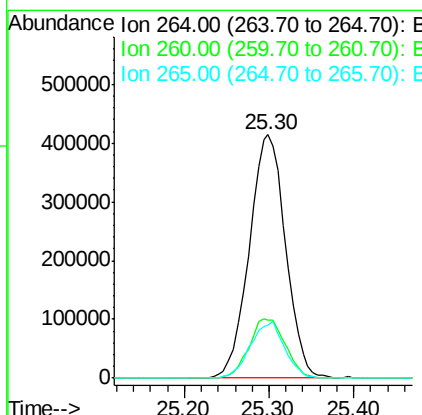
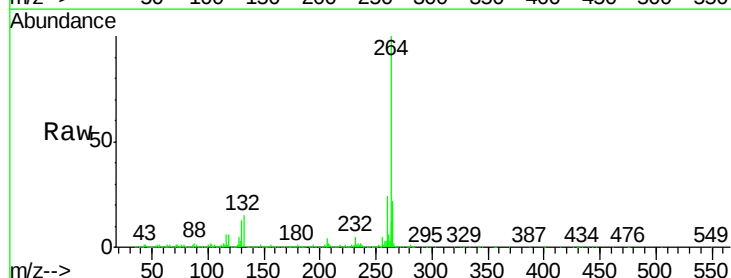
Manual Integrations

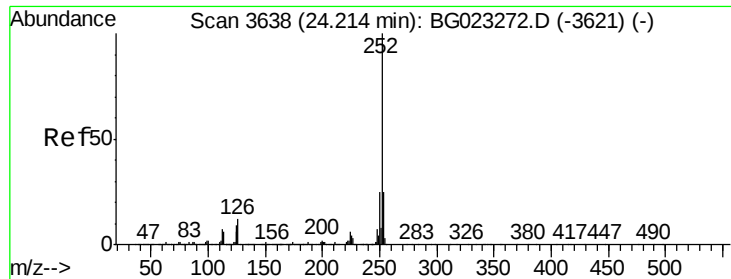
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3823
Delta R.T. -0.00 min
Lab File: BG023303.D
Acq: 28 Jul 2016 4:20

Tgt Ion:264 Resp: 1233131
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.5 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 45.99 ng

RT: 24.22 min Scan# 3639

Delta R.T. 0.01 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Instrument :

BNA_G

ClientSampleId :

PB92411BS

Tot Ion:252 Resp: 3012990

Ion Ratio Lower Upper

252 100

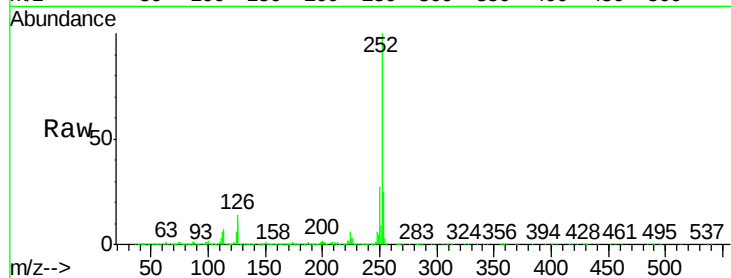
253 24.9 18.9 28.3

125 11.1 3.9 5.9#

Manual Integrations

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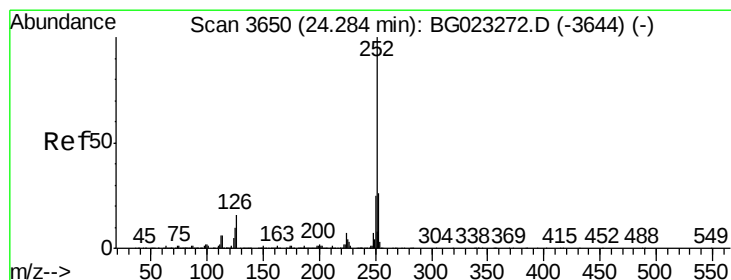
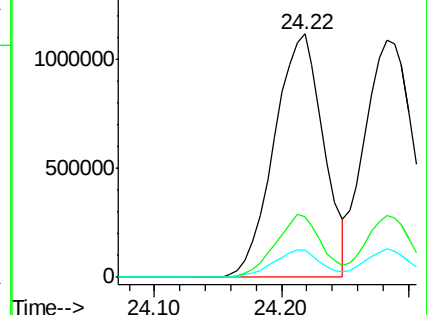
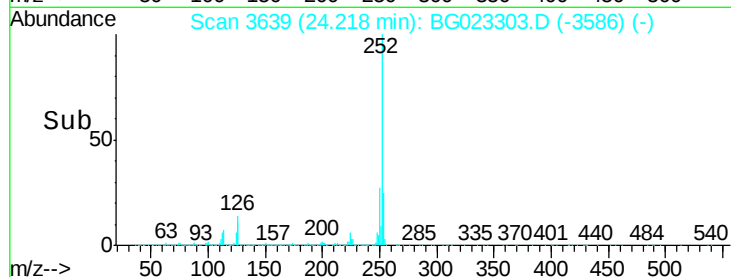
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.04 ng

RT: 24.28 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

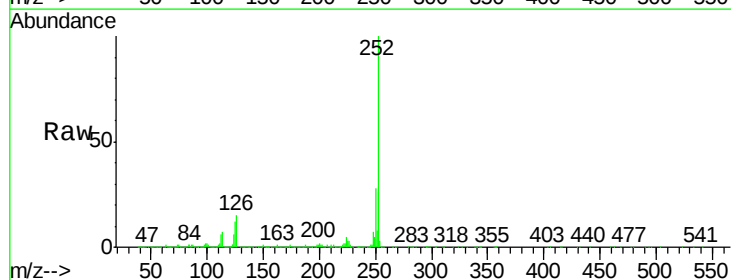
Tgt Ion:252 Resp: 2884357

Ion Ratio Lower Upper

252 100

253 26.0 18.8 28.2

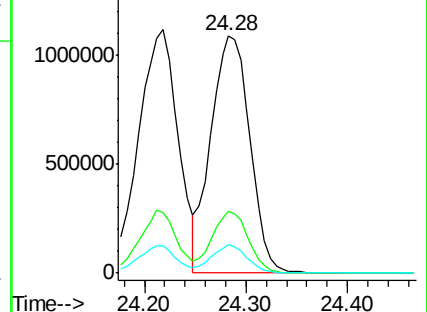
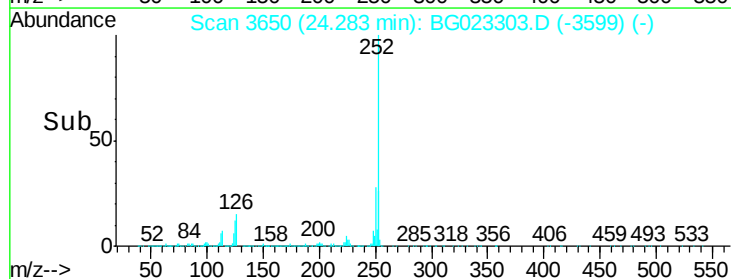
125 12.1 3.2 4.8#

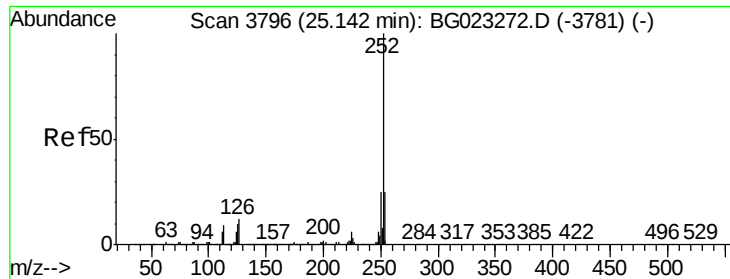


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.99 ng

RT: 25.13 min Scan# 3795

Delta R.T. 0.00 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Instrument :

BNA_G

ClientSampleId :

PB92411BS

Tot Ion:252 Resp: 2952366

Ion Ratio Lower Upper

252 100

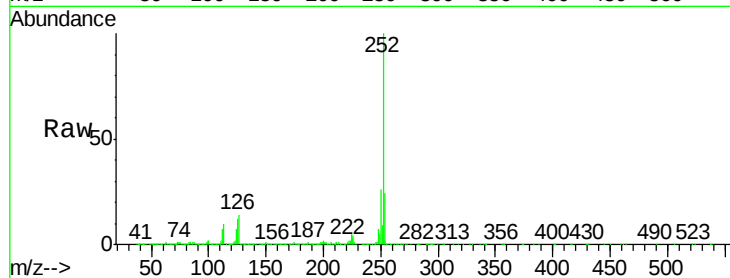
253 23.9 18.7 28.1

125 12.3 3.9 5.9#

Manual Integrations

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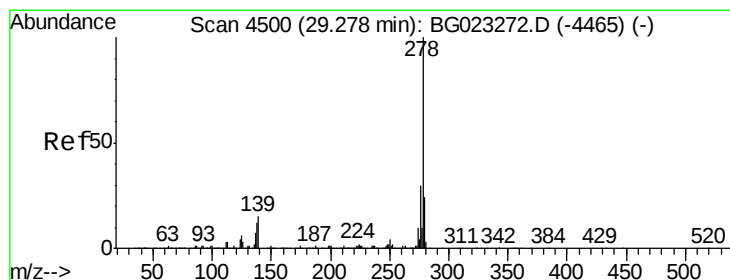
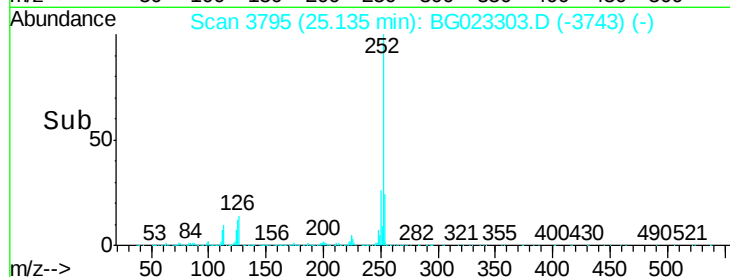
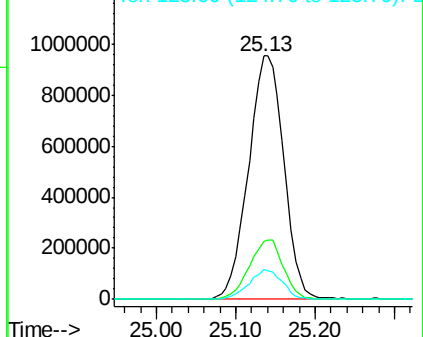
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.96 ng

RT: 29.27 min Scan# 4499

Delta R.T. 0.01 min

Lab File: BG023303.D

Acq: 28 Jul 2016 4:20

Tgt Ion:278 Resp: 2972819

Ion Ratio Lower Upper

278 100

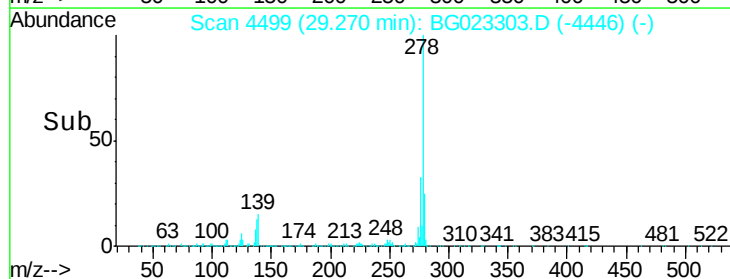
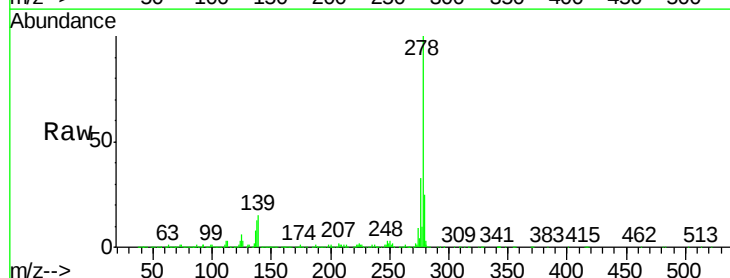
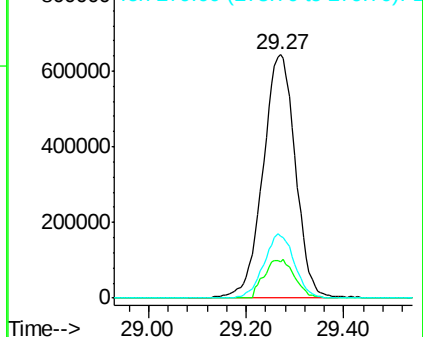
139 15.0 4.7 7.1#

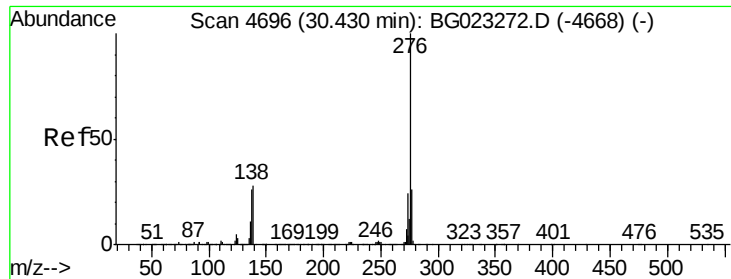
279 25.3 18.3 27.5

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: 46.81 ng
 RT: 30.42 min Scan# 4695
 Delta R.T. 0.00 min
 Lab File: BG023303.D
 Acq: 28 Jul 2016 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB92411BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.6	27.8
138	21.0	6.8	10.2

Manual Integrations

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