

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030918\
 Data File : BG033074.D
 Acq On : 9 Mar 2018 16:14
 Operator : SJ/JU
 Sample : J1755-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-030818MSD

Manual Integrations
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Sohil
 3/12/2018 3:51:29 PM

Quant Time: Mar 12 11:38:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	57146	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	255161	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	147494	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	328741	20.00	ng	0.00
75) Chrysene-d12	22.61	240	300324	20.00	ng	0.00
86) Perylene-d12	26.40	264	323695	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	510214	142.84	ng	0.00
7) Phenol-d6	8.01	99	646715	129.89	ng	0.00
23) Nitrobenzene-d5	10.11	82	457562	119.84	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	264056	170.27	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	958564	93.73	ng	0.00
78) Terphenyl-d14	20.77	244	1358175	101.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.97	88	59774	38.559	ng	# 93
3) Pyridine	4.44	79	158421	37.077	ng	93
4) n-Nitrosodimethylamine	4.33	42	99332	57.986	ng	# 84
6) Aniline	8.20	93	124993	18.547	ng	97
8) 2-Chlorophenol	8.46	128	192179	49.154	ng	97
9) Benzaldehyde	8.01	77	110793	38.611	ng	93
10) Phenol	8.04	94	225774	44.985	ng	97
11) bis(2-Chloroethyl)ether	8.29	93	177935	43.357	ng	99
12) 1,3-Dichlorobenzene	8.80	146	193270	42.205	ng	99
13) 1,4-Dichlorobenzene	8.95	146	195687	42.454	ng	95
14) 1,2-Dichlorobenzene	9.28	146	185655	42.031	ng	94
15) Benzyl Alcohol	9.14	79	180627	49.349	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.43	45	355539	50.395	ng	99
17) 2-Methylphenol	9.34	107	171734	46.403	ng	97
18) Hexachloroethane	10.04	117	71129	45.322	ng	88
19) n-Nitroso-di-n-propylamine	9.72	70	156155	44.426	ng	# 89
20) 3+4-Methylphenols	9.67	107	233183	45.314	ng	96
22) Acetophenone	9.76	105	286374	44.440	ng	# 98
24) Nitrobenzene	10.16	77	222837	53.863	ng	93
25) Isophorone	10.68	82	434606	48.527	ng	96
26) 2-Nitrophenol	10.88	139	106433	65.524	ng	97
27) 2,4-Dimethylphenol	10.91	122	213710	54.930	ng	92
28) bis(2-Chloroethoxy)methane	11.15	93	255123	48.899	ng	95
29) 2,4-Dichlorophenol	11.42	162	187288	53.040	ng	94
30) 1,2,4-Trichlorobenzene	11.65	180	181874	43.940	ng	96
31) Naphthalene	11.85	128	601992	45.150	ng	99
32) Benzoic acid	10.95	122	7344m	9.410	ng	
33) 4-Chloroaniline	11.94	127	76962	12.910	ng	97
34) Hexachlorobutadiene	12.11	225	102506	44.151	ng	96
35) Caprolactam	12.68	113	61279	43.341	ng	98
36) 4-Chloro-3-methylphenol	13.00	107	224644	54.669	ng	93
37) 2-Methylnaphthalene	13.40	142	443643	45.991	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	194076	44.326	ng	# 97
40) Hexachlorocyclopentadiene	13.72	237	205209	91.965	ng	92

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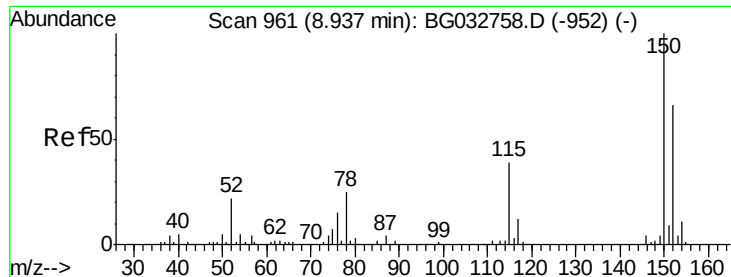
Manual Integrations
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 3/12/2018 3:51:29 PM

Quant Time: Mar 12 11:38:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	147129	53.285	nq	98
43) 2,4,5-Trichlorophenol	14.04	196	157585	49.311	nq	# 93
45) 1,1'-Biphenyl	14.37	154	559457	43.407	nq	95
46) 2-Chloronaphthalene	14.42	162	427159	44.367	nq	97
47) 2-Nitroaniline	14.61	65	160024	62.237	nq	95
48) Acenaphthylene	15.26	152	699364	44.368	nq	99
49) Dimethylphthalate	14.95	163	564013	45.036	nq	99
50) 2,6-Dinitrotoluene	15.08	165	127770	59.111	nq	90
51) Acenaphthene	15.59	154	439289	44.749	nq	98
52) 3-Nitroaniline	15.41	138	62944	28.231	nq	# 83
53) 2,4-Dinitrophenol	15.61	184	31157	54.605	nq	# 1
54) Dibenzofuran	15.92	168	649767	46.485	nq	92
55) 4-Nitrophenol	15.68	139	147479	72.628	nq	90
56) 2,4-Dinitrotoluene	15.86	165	179181	66.632	nq	87
57) Fluorene	16.56	166	519171	45.001	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	135692m	54.689	nq	
59) Diethylphthalate	16.29	149	596311	45.144	nq	97
60) 4-Chlorophenyl-phenylether	16.53	204	266739	47.263	nq	91
61) 4-Nitroaniline	16.56	138	122483	45.489	nq	90
62) Azobenzene	16.83	77	558981	47.303	nq	95
64) 4,6-Dinitro-2-methylphenol	16.61	198	34684	39.423	nq	99
65) n-Nitrosodiphenylamine	16.75	169	482502	45.117	nq	98
66) 4-Bromophenyl-phenylether	17.43	248	159917	46.005	nq	# 88
67) Hexachlorobenzene	17.56	284	169169	45.034	nq	# 90
68) Atrazine	17.66	200	170097	48.320	nq	96
69) Pentachlorophenol	17.89	266	130700	55.238	nq	98
70) Phenanthrene	18.30	178	829483	45.227	nq	97
71) Anthracene	18.39	178	848792	46.098	nq	99
72) Carbazole	18.64	167	787733	43.404	nq	97
73) Di-n-butylphthalate	19.14	149	986998	44.329	nq	98
74) Fluoranthene	20.25	202	935363	46.169	nq	95
76) Benzidine	20.40	184	396035	38.686	nq	99
77) Pyrene	20.61	202	933840	44.093	nq	97
79) Butylbenzylphthalate	21.46	149	466488	49.679	nq	96
80) Benzo(a)anthracene	22.59	228	899709	46.718	nq	98
81) 3,3'-Dichlorobenzidine	22.47	252	134284	18.827	nq	99
82) Chrysene	22.67	228	848083	46.100	nq	98
83) Bis(2-ethylhexyl)phthalate	22.41	149	660694	47.534	nq	97
84) Di-n-octyl phthalate	23.82	149	1136553	53.646	nq	99
85) Indeno(1,2,3-cd)pyrene	30.82	276	942776	43.943	nq	96
87) Benzo(b)fluoranthene	25.19	252	897323	46.884	nq	# 98
88) Benzo(k)fluoranthene	25.27	252	904177	47.535	nq	# 97
89) Benzo(a)pyrene	26.23	252	883526	48.535	nq	# 97
90) Dibenzo(a,h)anthracene	30.90	278	775331	42.314	nq	# 95
91) Benzo(g,h,i)perylene	32.22	276	781770	43.281	nq	# 94

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



#1

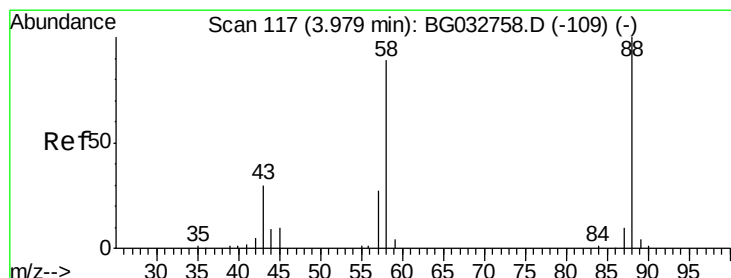
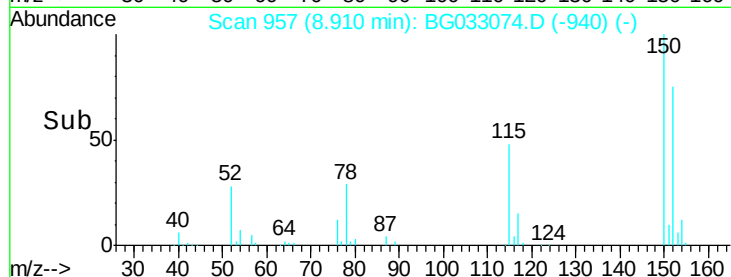
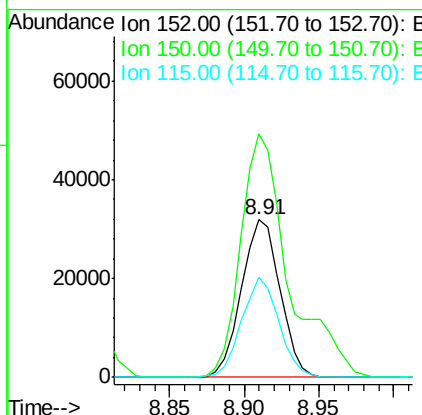
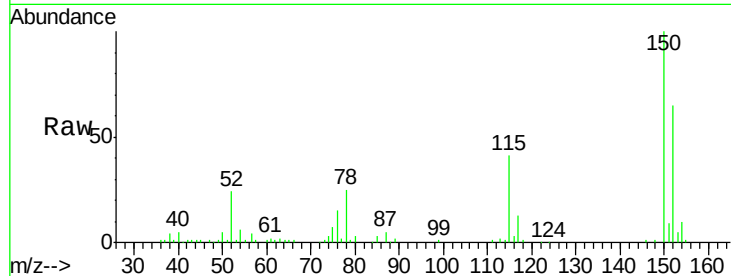
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Instrument :
BNA_G
ClientSampleId :
OK-03-030818MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.6	189.8
115	63.3	53.0	79.4

Manual Integrations
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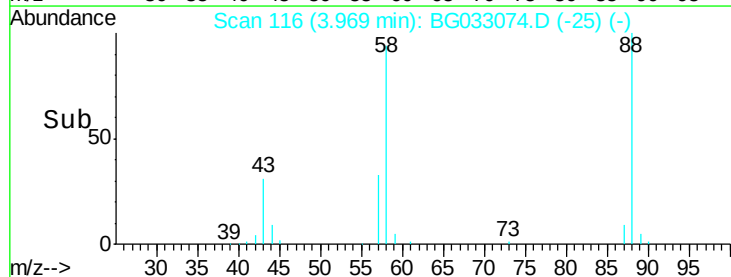
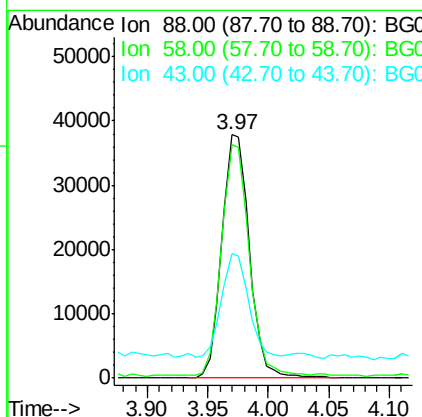
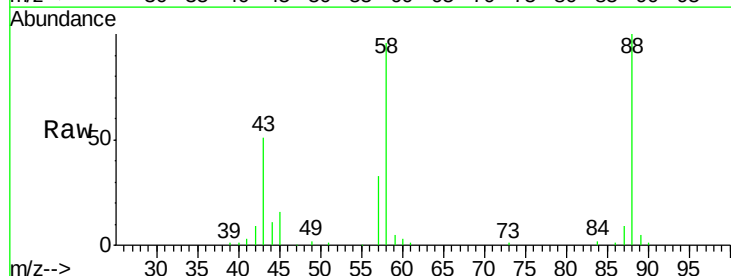
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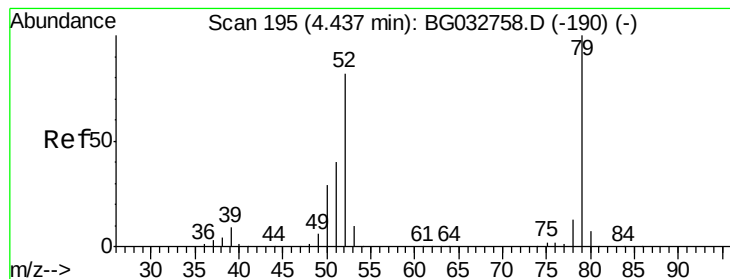


#2

1,4-Dioxane
Concen: 38.559 ng
RT: 3.97 min Scan# 116
Delta R.T. 0.01 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.7	79.6	119.4
43	41.0	27.4	41.0#





#3

Pvrindine

Concen: 37.077 ng

RT: 4.44 min Scan# 196

Delta R.T. 0.01 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Instrument :

BNA_G

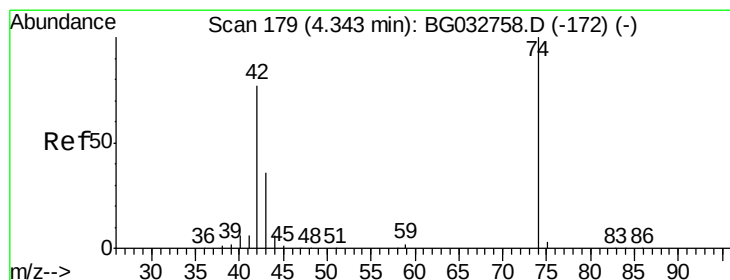
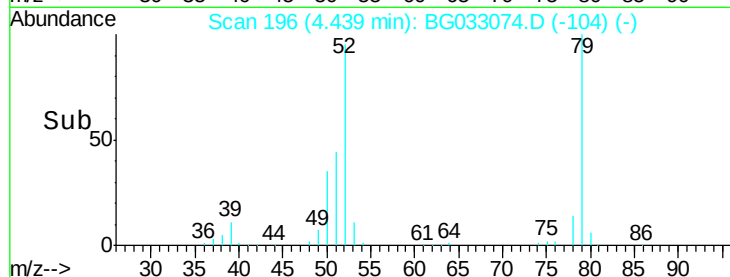
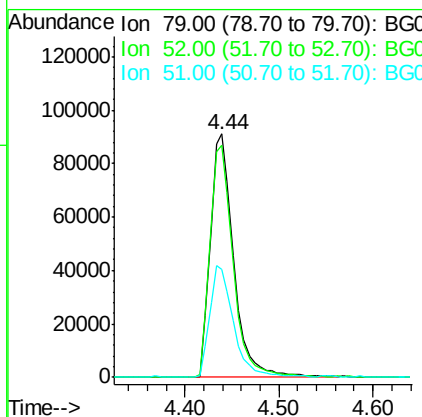
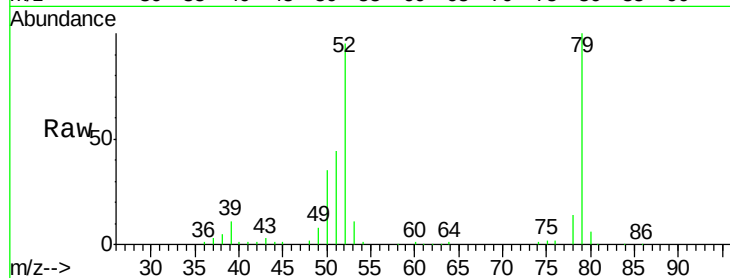
ClientSampleId :

OK-03-030818MSD

Tot Ion:	79	Resp:	158421
Ion Ratio	Lower	Upper	
79	100		
52	95.2	69.9	104.9
51	44.2	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 57.986 ng

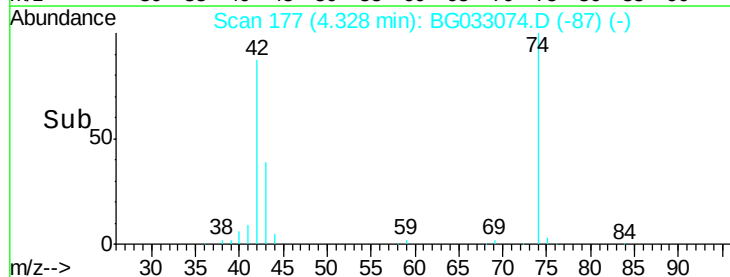
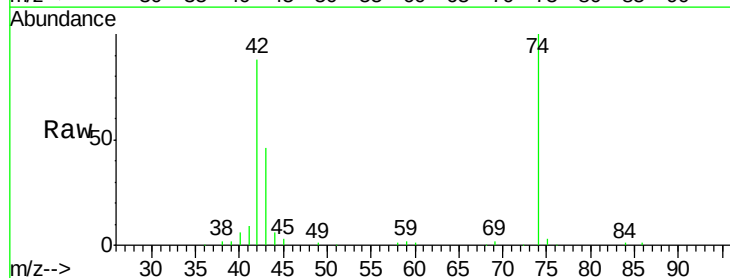
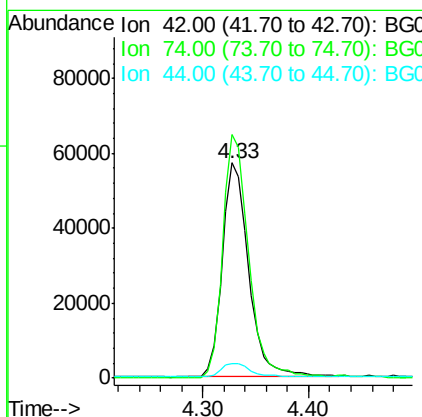
RT: 4.33 min Scan# 177

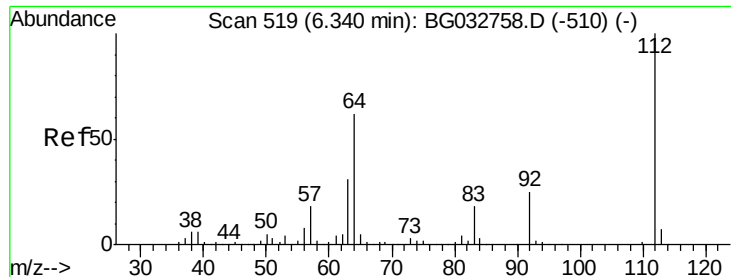
Delta R.T. 0.00 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Tgt Ion:	42	Resp:	99332
Ion Ratio	Lower	Upper	
42	100		
74	113.2	102.5	153.7
44	7.0	18.9	28.3#





#5

2-Fluorophenol

Concen: 142.839 ng

RT: 6.33 min Scan# 518

Delta R.T. 0.01 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Instrument :

BNA_G

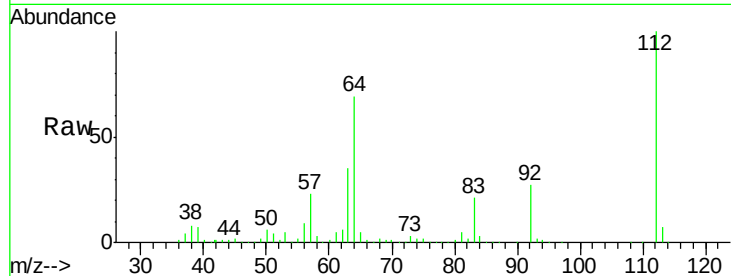
ClientSampleId :

OK-03-030818MSD

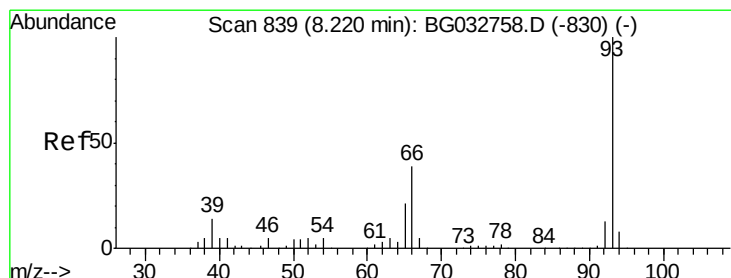
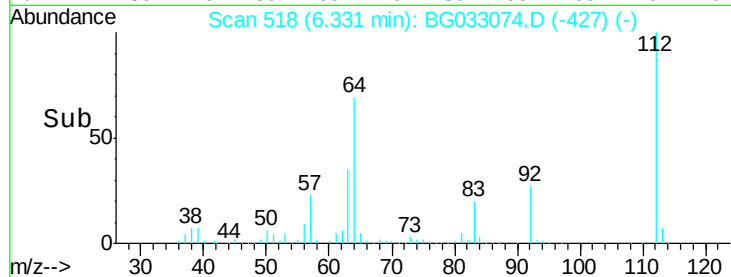
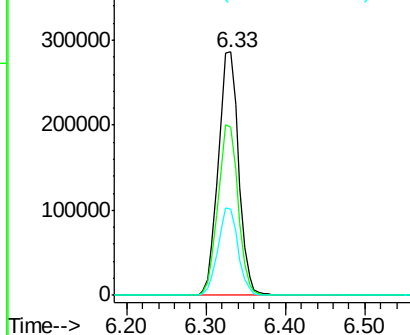
Tot Ion:	112	Resp:	510214
Ion Ratio	Lower	Upper	
112	100		
64	68.9	56.3	84.5
63	35.4	30.1	45.1

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.547 ng

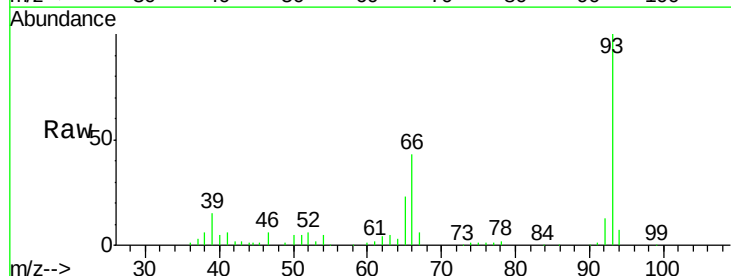
RT: 8.20 min Scan# 836

Delta R.T. -0.01 min

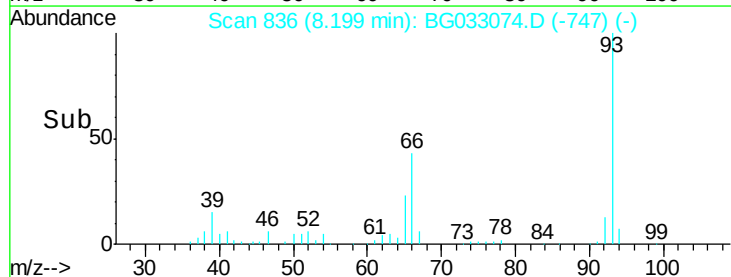
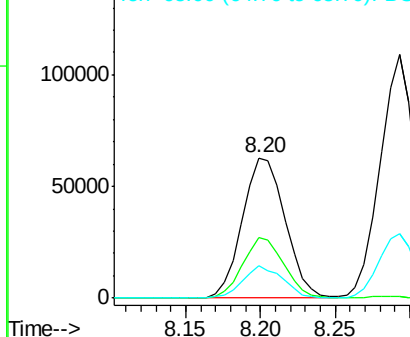
Lab File: BG033074.D

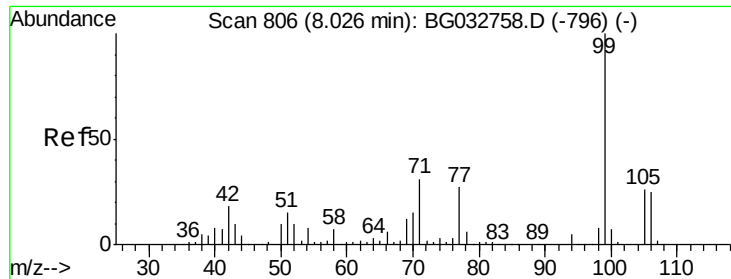
Acq: 9 Mar 2018 16:14

Tgt Ion:	93	Resp:	124993
Ion Ratio	Lower	Upper	
93	100		
66	43.1	33.7	50.5
65	22.7	16.1	24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.894 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.01 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Instrument :

BNA_G

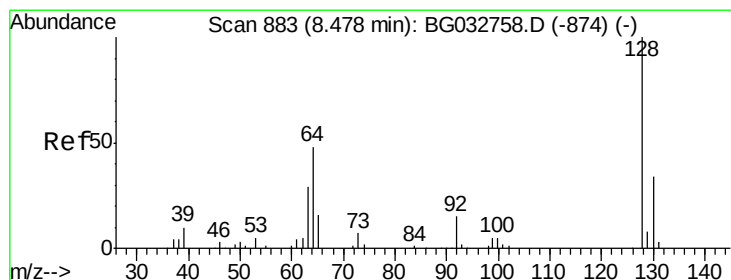
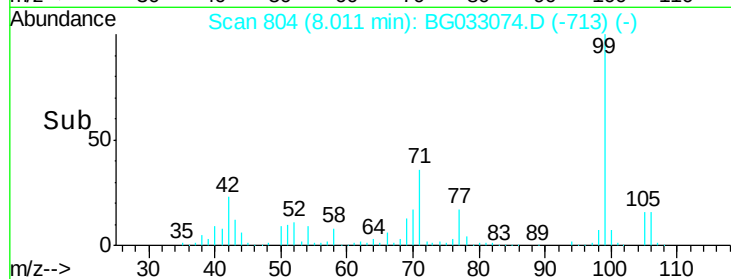
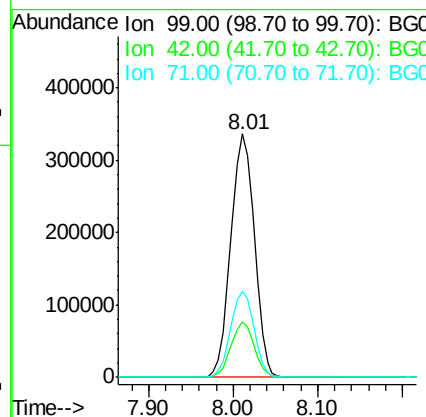
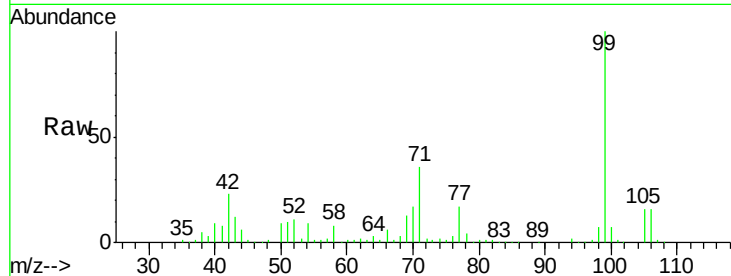
ClientSampleId :

OK-03-030818MSD

Tot Ion:	99	Resp:	646715
Ion Ratio	Lower	Upper	
99	100		
42	22.8	14.1	21.1#
71	35.6	26.1	39.1

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#8

2-Chlorophenol

Concen: 49.154 ng

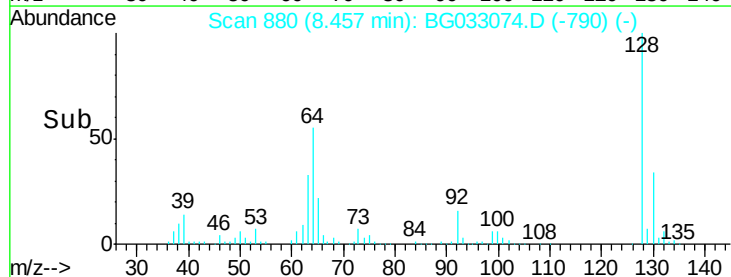
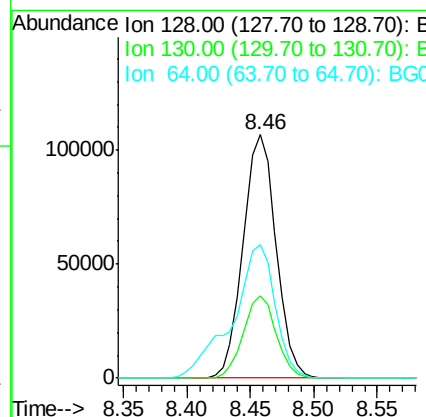
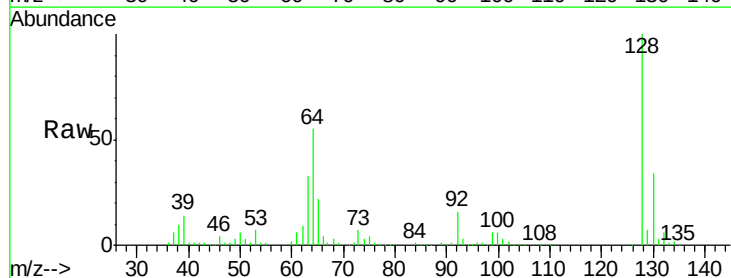
RT: 8.46 min Scan# 880

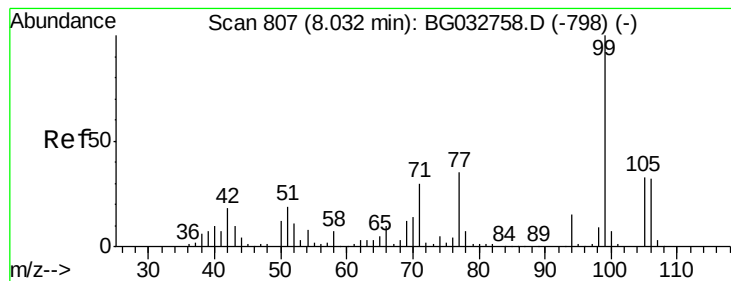
Delta R.T. 0.00 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Tgt Ion:	128	Resp:	192179
Ion Ratio	Lower	Upper	
128	100		
130	33.6	14.0	54.0
64	55.0	37.7	77.7





#9

Benzaldehyde

Concen: 38.611 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Instrument :

BNA_G

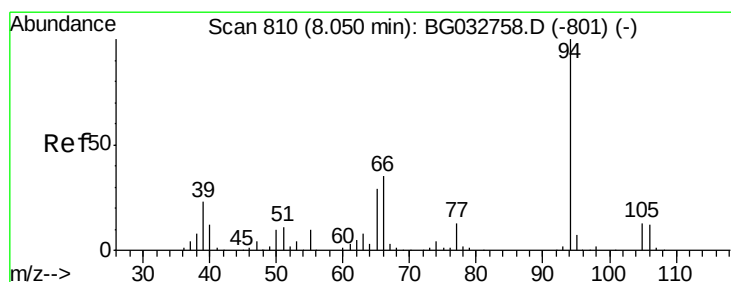
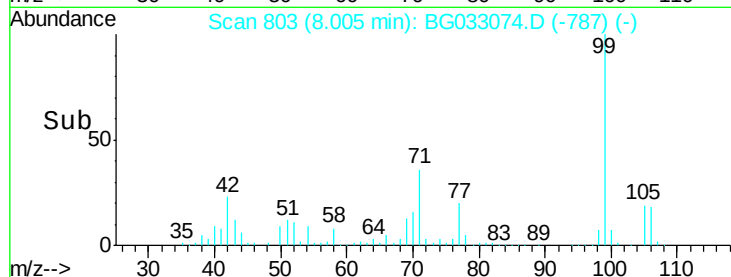
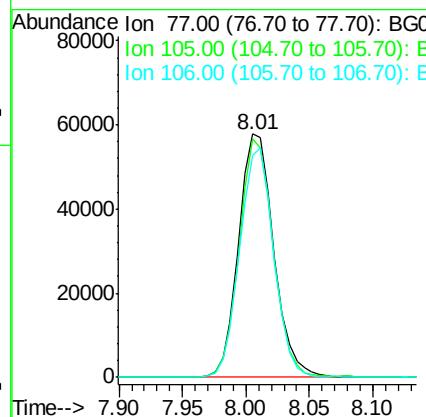
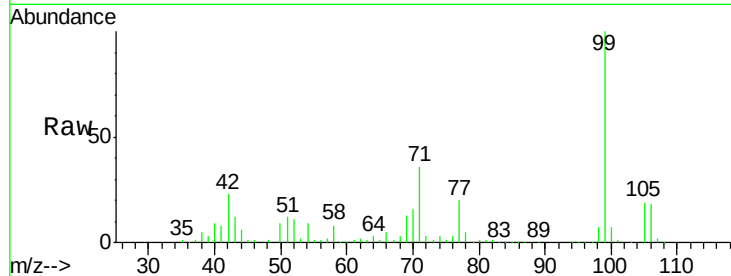
ClientSampleId :

OK-03-030818MSD

Tot Ion:	77	Resp:	110793
Ion Ratio	Lower	Upper	
77	100		
105	98.1	71.3	111.3
106	91.3	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 44.985 ng

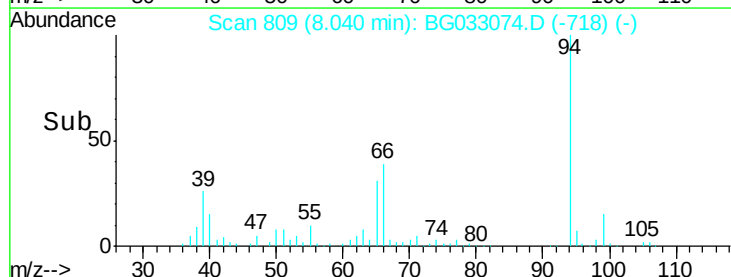
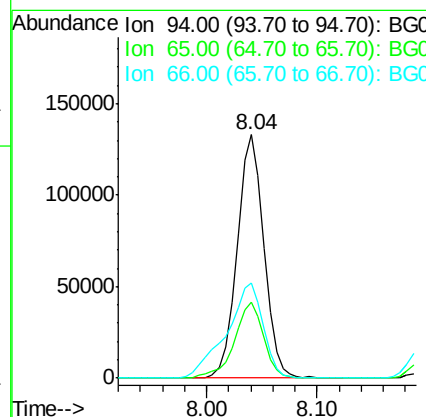
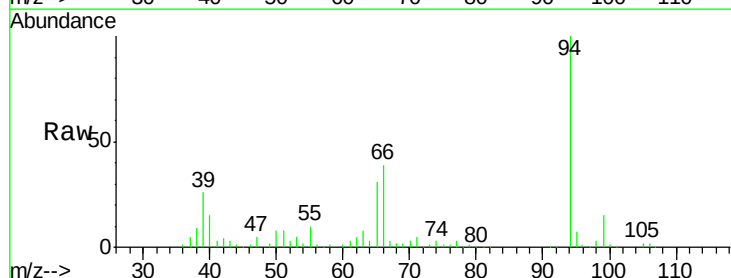
RT: 8.04 min Scan# 809

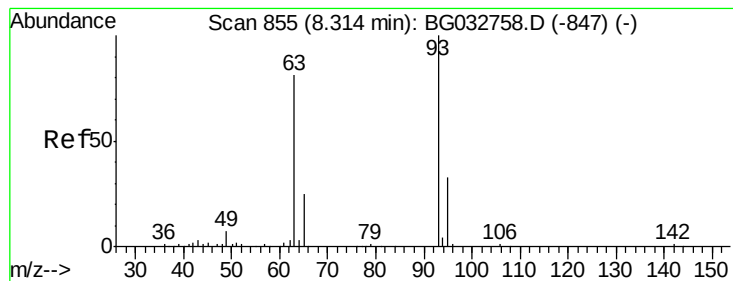
Delta R.T. 0.01 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Tgt Ion:	94	Resp:	225774
Ion Ratio	Lower	Upper	
94	100		
65	31.4	11.9	51.9
66	38.8	22.2	62.2





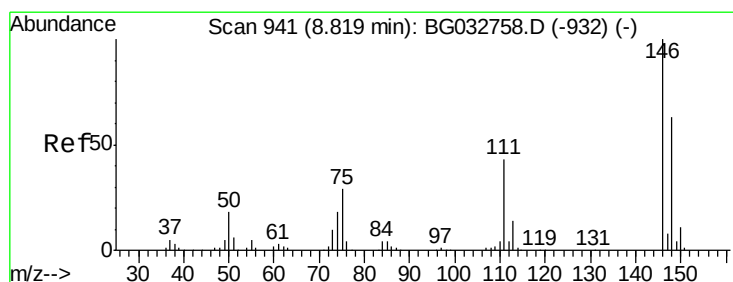
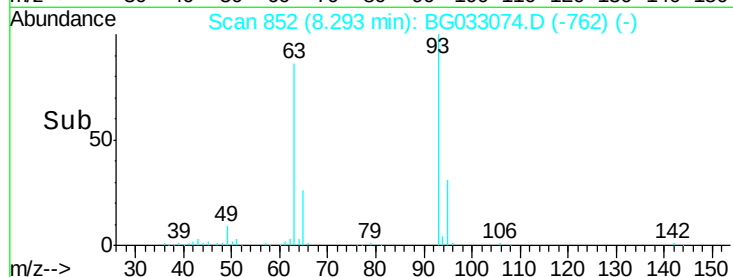
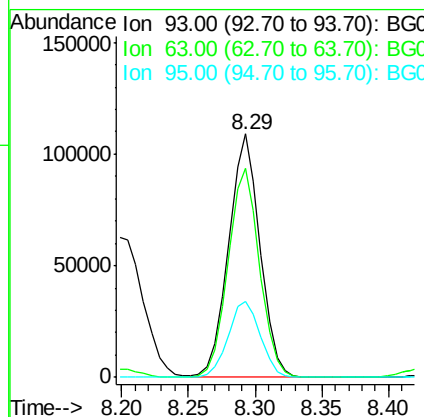
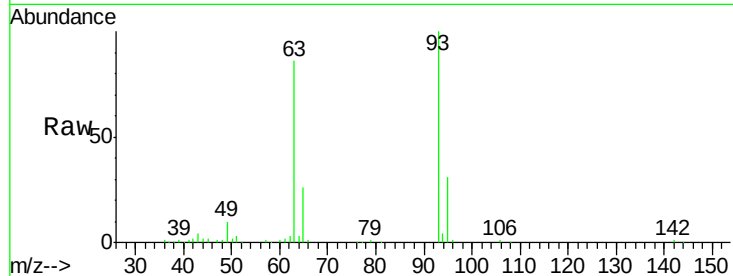
#11
bis(2-Chloroethyl)ether
Concen: 43.357 ng
RT: 8.29 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Instrument :
BNA_G
ClientSampleId :
OK-03-030818MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.0	67.1	107.1
95	31.1	11.5	51.5

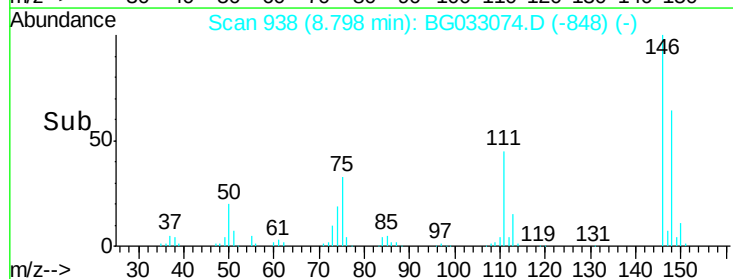
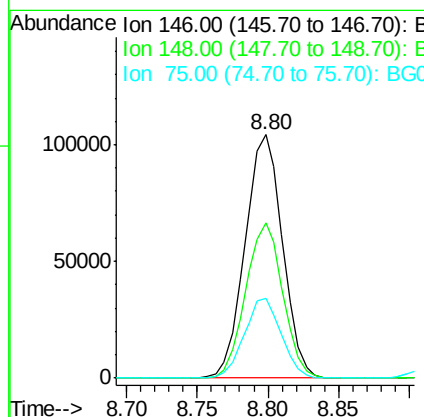
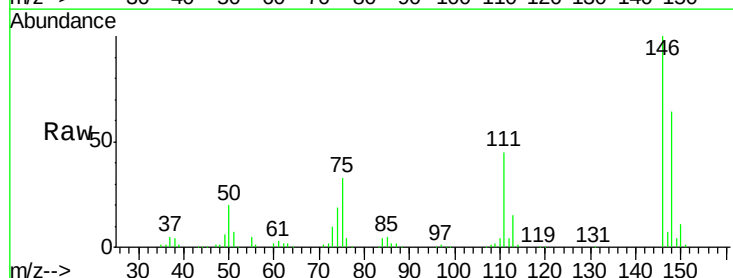
Manual Integrations
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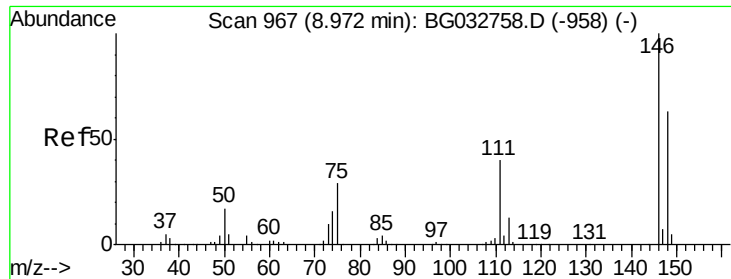
Sohil
3/12/2018 3:51:29 PM



#12
1,3-Dichlorobenzene
Concen: 42.205 ng
RT: 8.80 min Scan# 938
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.2
75	32.9	26.6	39.8





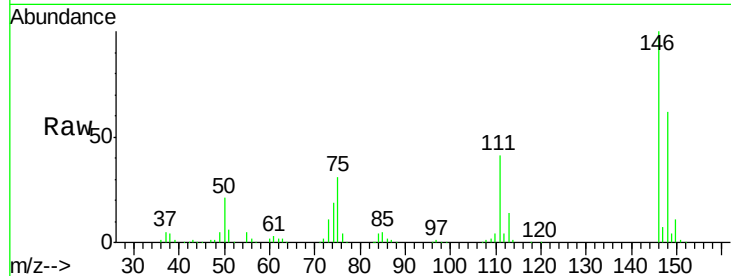
#13
1,4-Dichlorobenzene
Concen: 42.454 ng
RT: 8.95 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Instrument :
BNA_G
ClientSampleId :
OK-03-030818MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	53.7	80.5
111	41.3	35.2	52.8

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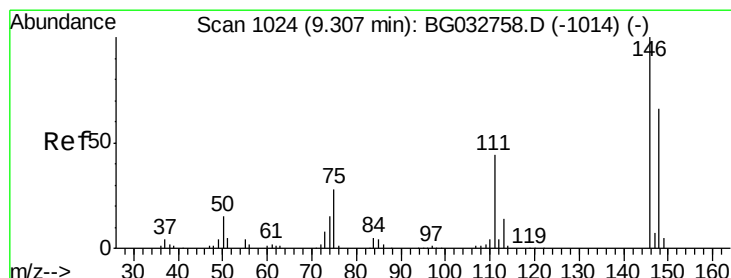
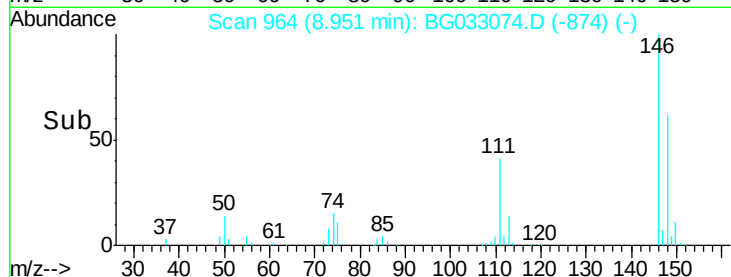
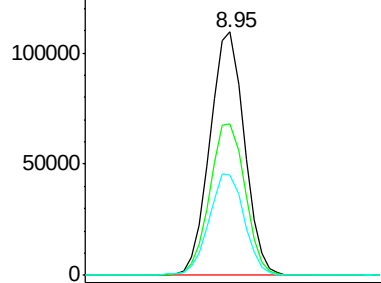


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 42.031 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

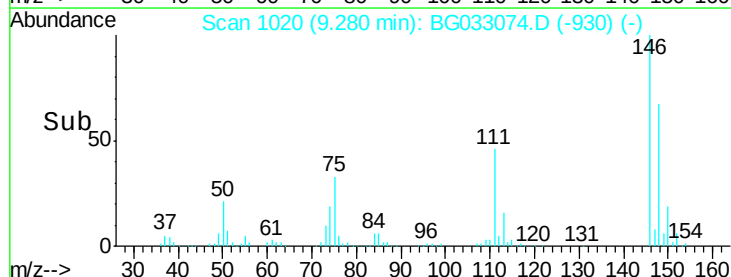
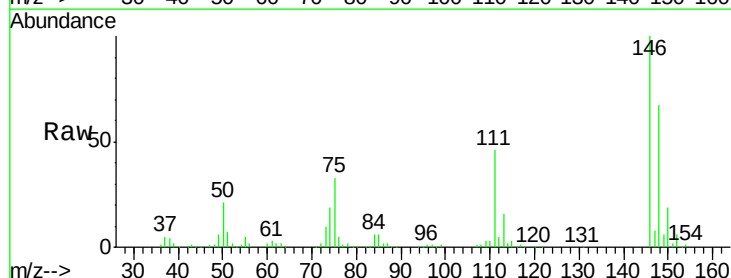
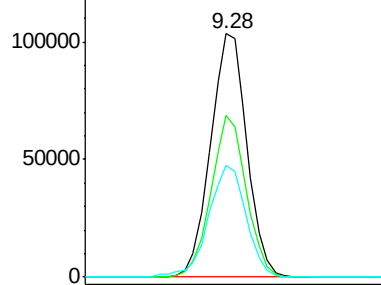
Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	49.3	73.9
111	46.1	34.3	51.5

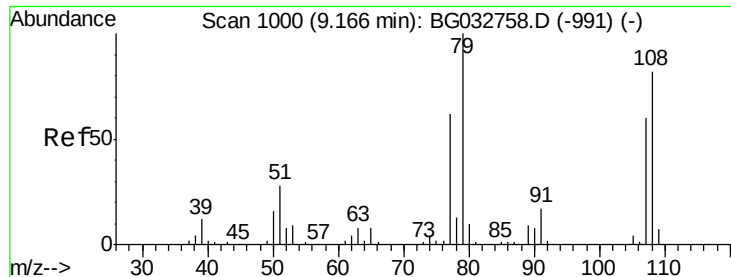
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





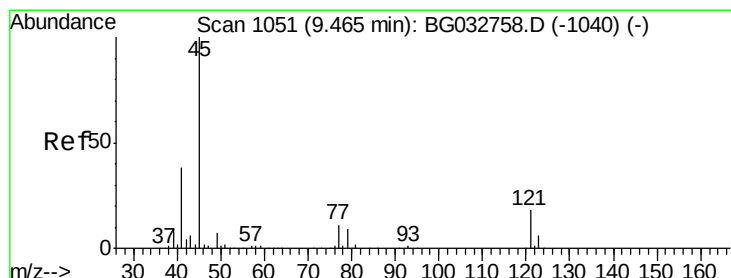
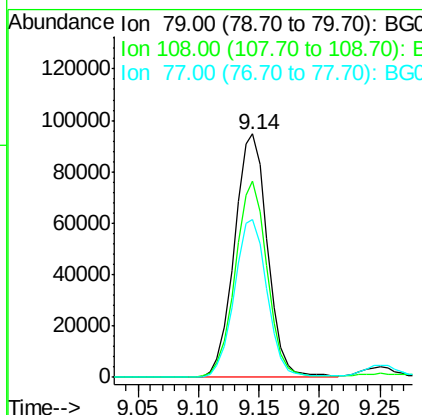
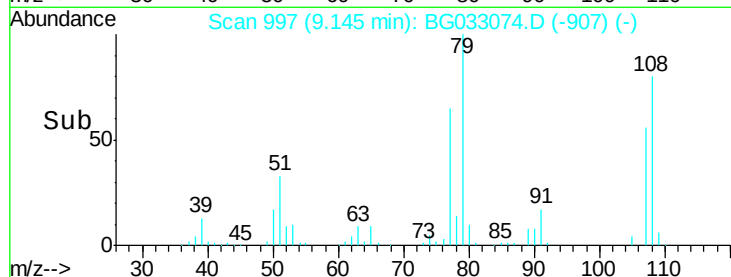
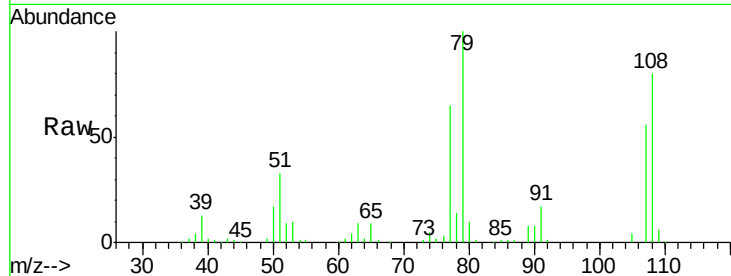
#15
Benzyl Alcohol
Concen: 49.349 ng
RT: 9.14 min Scan# 997
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Instrument :
BNA_G
ClientSampleId :
OK-03-030818MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.5	57.2	85.8
77	64.9	46.1	69.1

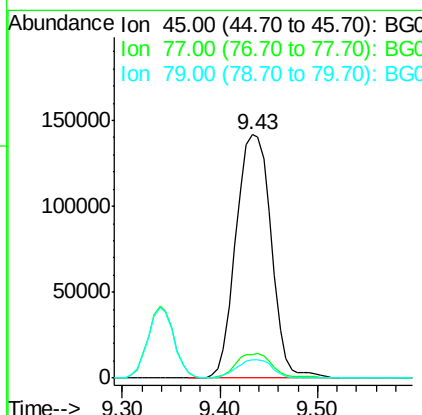
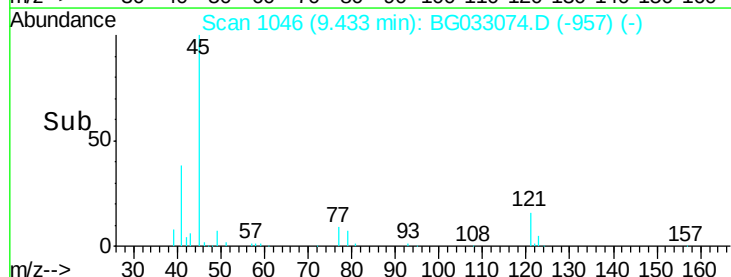
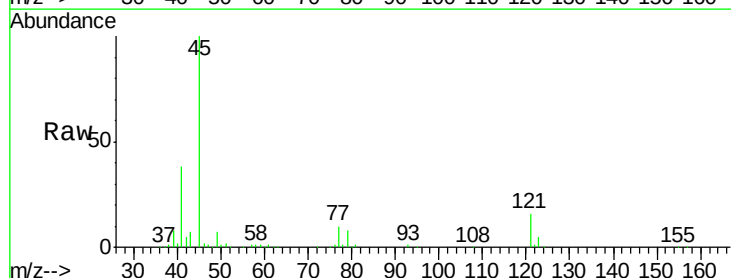
Manual Integrations
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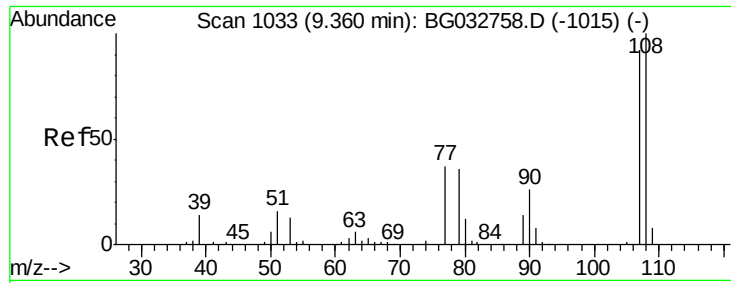
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.395 ng
RT: 9.43 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.6	0.0	30.2
79	7.6	0.0	27.9





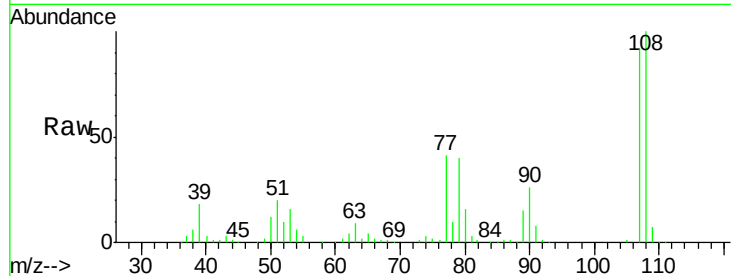
#17
2-Methylphenol
Concen: 46.403 ng
RT: 9.34 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Instrument :
BNA_G
ClientSampleId :
OK-03-030818MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.1	83.9	125.9	
77	44.8	37.2	55.8	
79	43.7	36.2	54.2	

Manual Integrations
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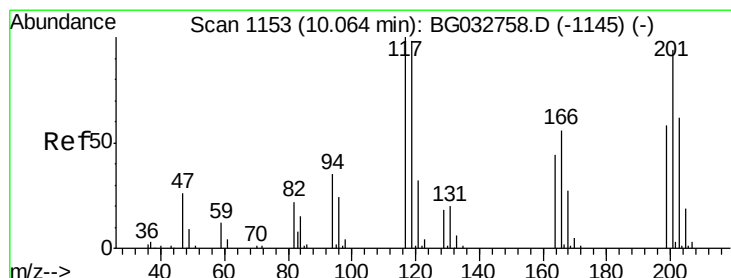
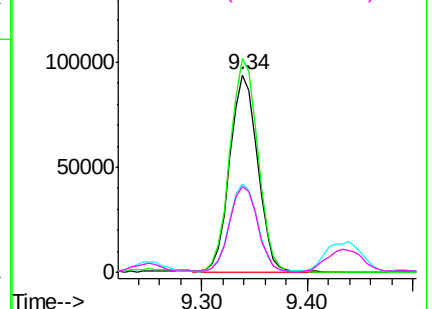
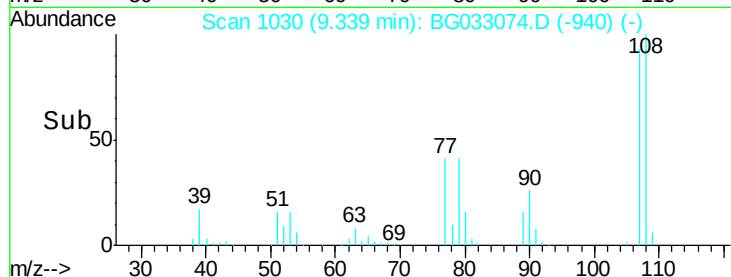
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

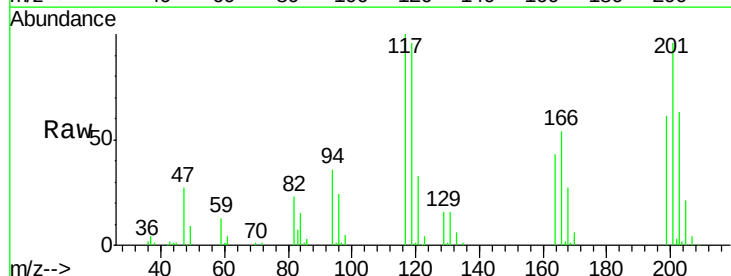
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 45.322 ng
RT: 10.04 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	76.7	115.1	
201	96.0	95.7	143.5	

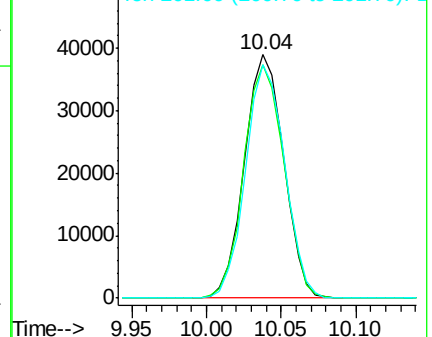
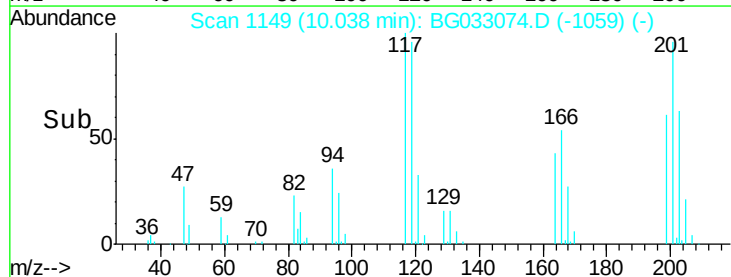


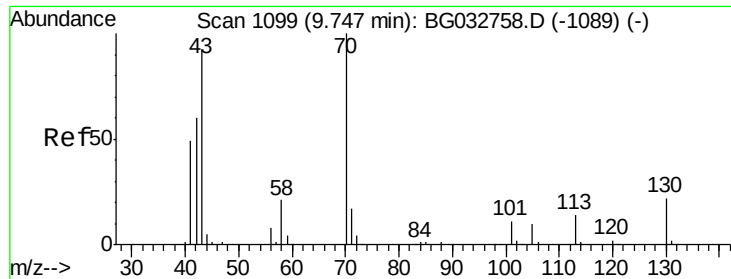
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





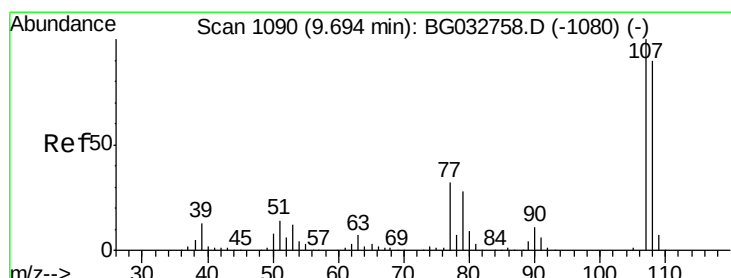
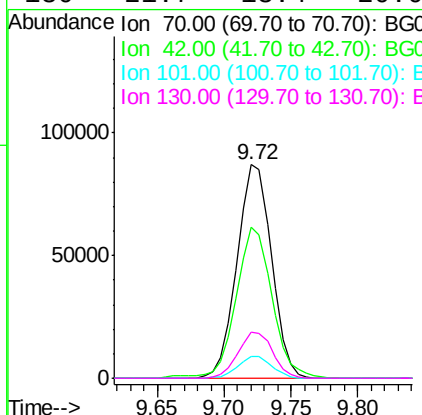
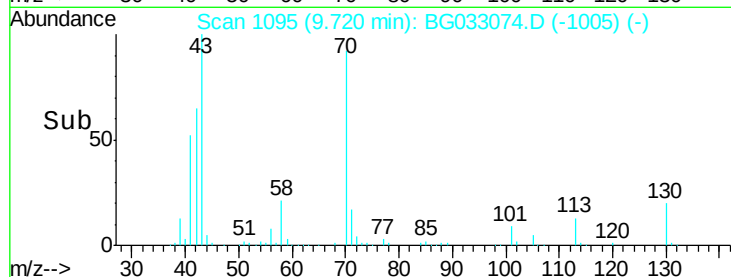
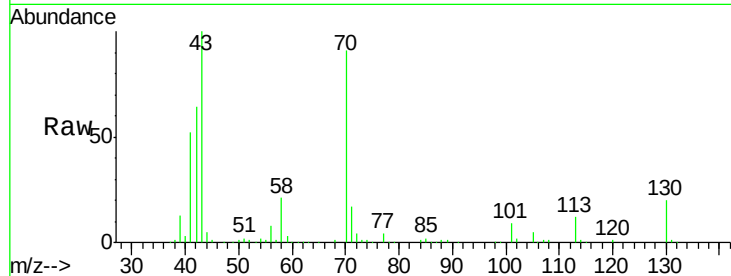
#19
n-Nitroso-di-n-propylamine
Concen: 44.426 ng
RT: 9.72 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Instrument :
BNA_G
ClientSampleId :
OK-03-030818MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.7	49.1	73.7	
101	10.1	8.5	12.7	
130	21.7	13.4	20.0	

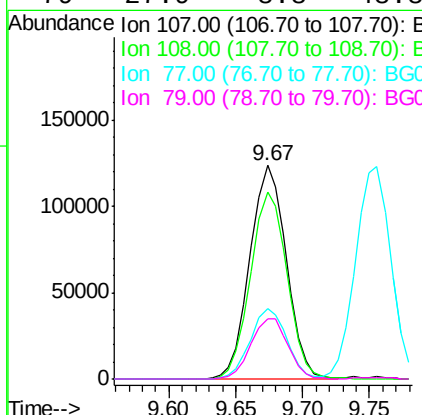
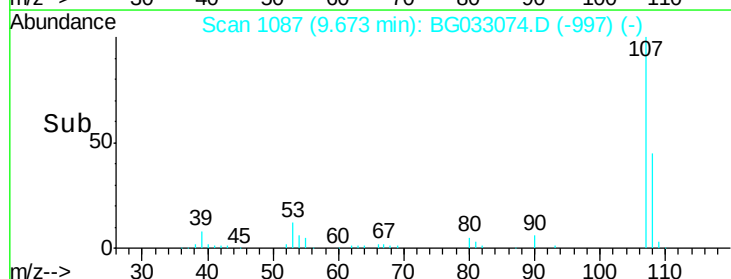
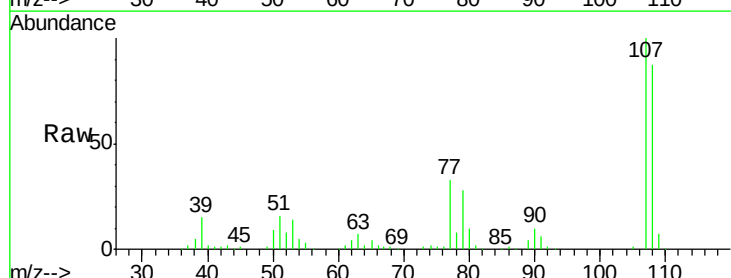
Manual Integrations
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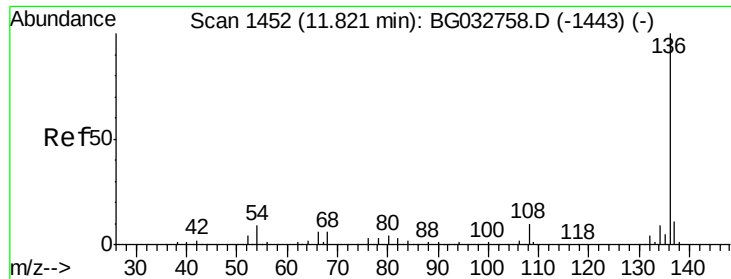
Sohil
3/12/2018 3:51:29 PM



#20
3+4-Methylphenols
Concen: 45.314 ng
RT: 9.67 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.4	61.6	101.6	
77	33.1	13.9	53.9	
79	27.9	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.80 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Instrument :

BNA_G

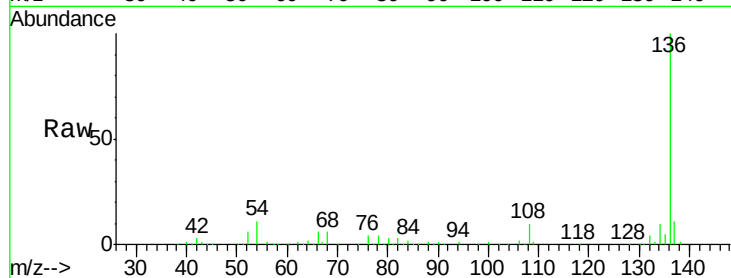
ClientSampleId :

OK-03-030818MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		255161		
137	10.7		9.2	13.8	
54	10.5		10.3	15.5	
68	5.8		4.5	6.7	

Manual Integrations
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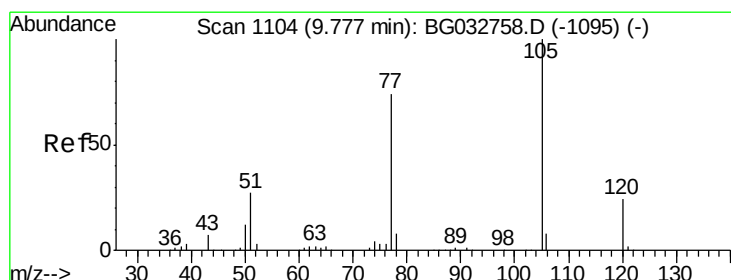
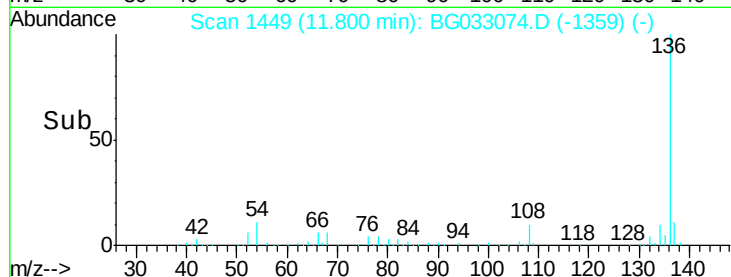
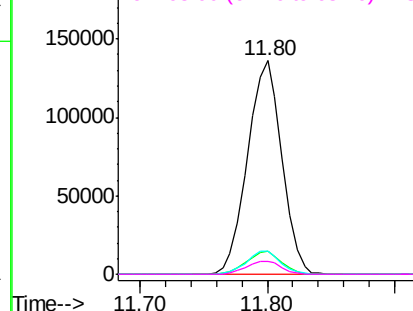
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 44.440 ng

RT: 9.76 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		286374		
71	0.3		3.0	4.4#	
51	32.9		26.1	39.1	
120	22.9		17.4	26.2	

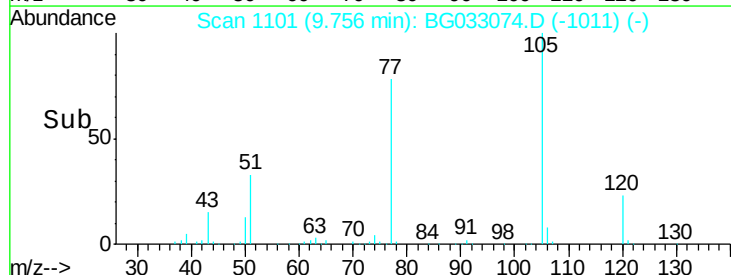
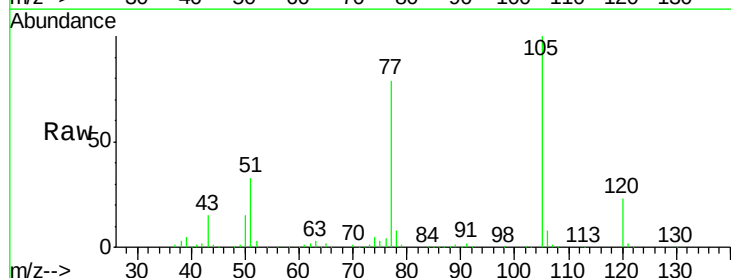
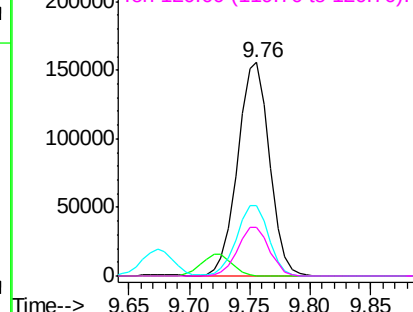
Abundance

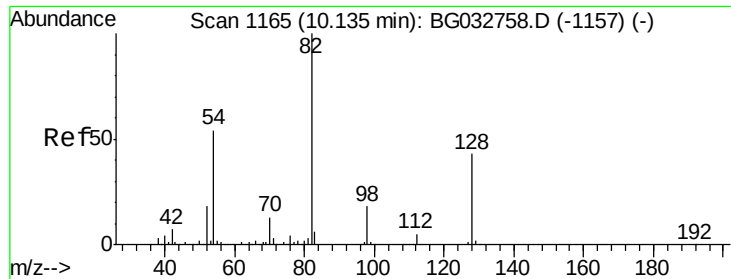
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





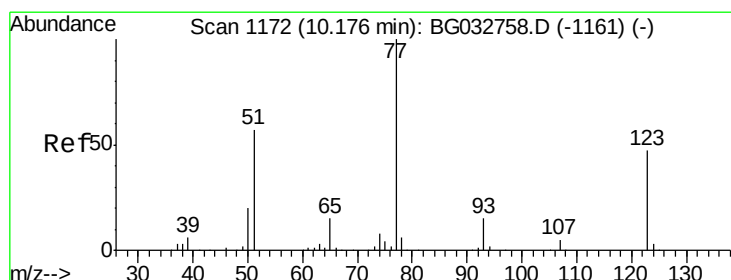
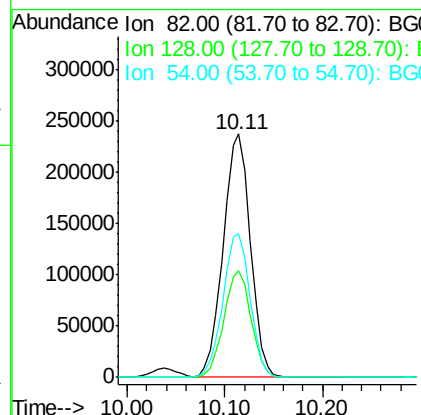
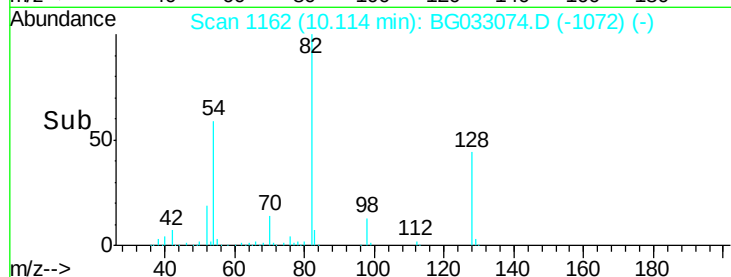
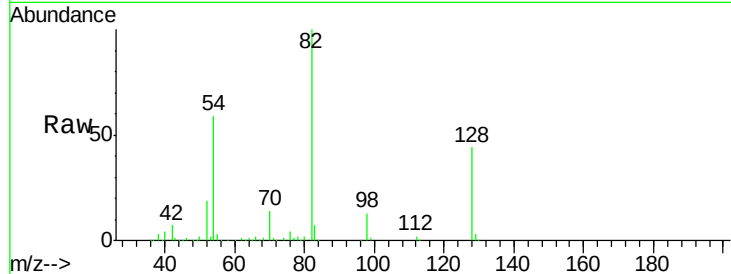
#23
 Nitrobenzene-d5
 Concen: 119.842 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BG033074.D
 Acq: 9 Mar 2018 16:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-030818MSD

Tot Ion	82	Resp	457562
Ion Ratio	100	Lower	Upper
82	100		
128	43.6	29.7	44.5
54	59.0	43.1	64.7

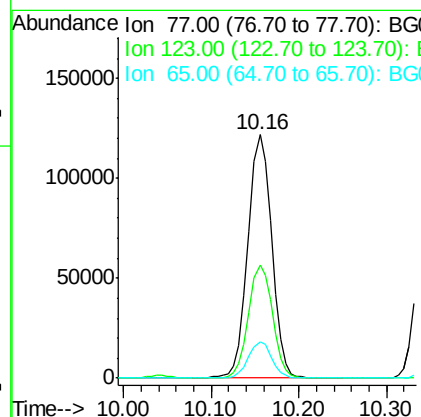
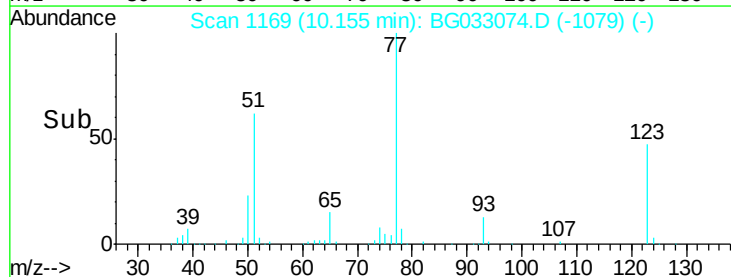
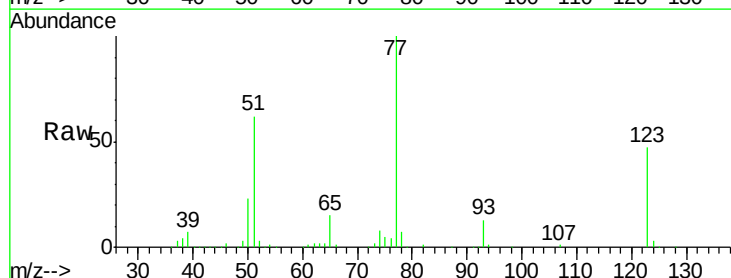
Manual Integrations
 APPROVED

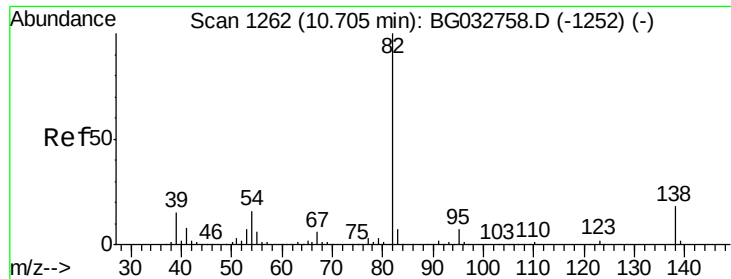
Sohil
 3/12/2018 3:51:29 PM



#24
 Nitrobenzene
 Concen: 53.863 ng
 RT: 10.16 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BG033074.D
 Acq: 9 Mar 2018 16:14

Tgt Ion	77	Resp	222837
Ion Ratio	100	Lower	Upper
77	100		
123	46.5	33.0	49.6
65	14.8	13.0	19.6





#25

Isophorone

Concen: 48.527 ng

RT: 10.68 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Instrument :

BNA_G

ClientSampleId :

OK-03-030818MSD

Tot Ion: 82 Resp: 434606

Ion Ratio Lower Upper

82 100

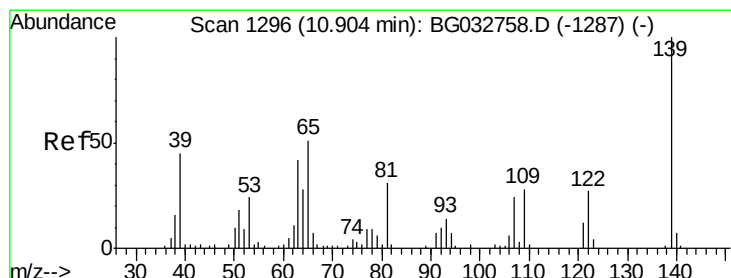
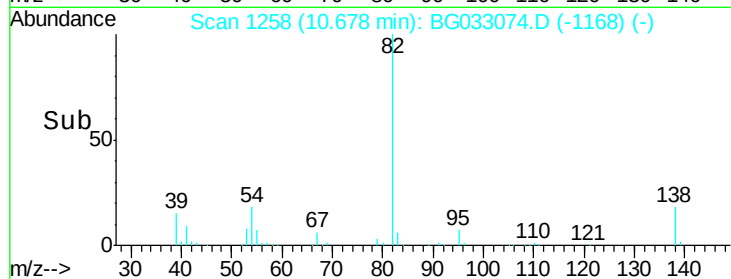
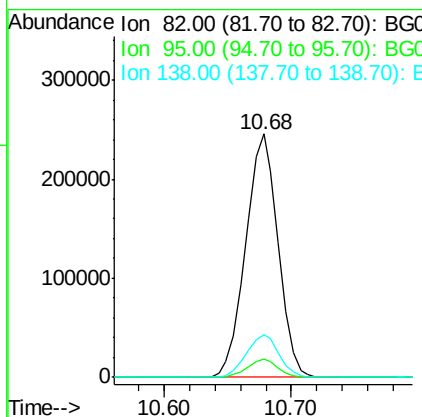
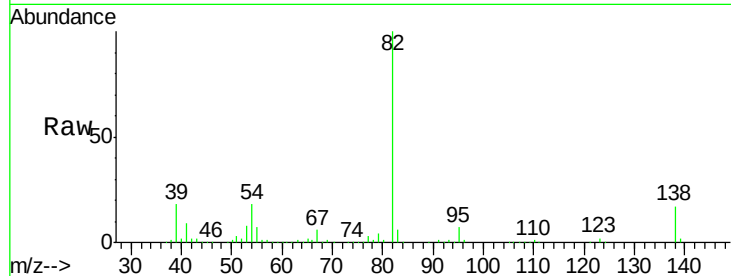
95 7.4 6.2 9.2

138 17.3 12.1 18.1

Manual Integrations
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Sohil

3/12/2018 3:51:29 PM



#26

2-Nitrophenol

Concen: 65.524 ng

RT: 10.88 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

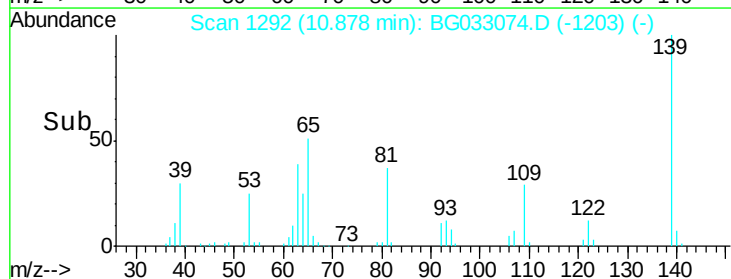
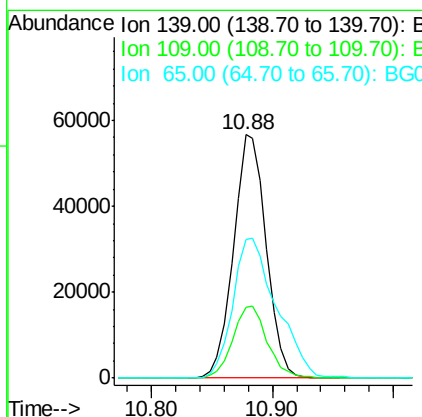
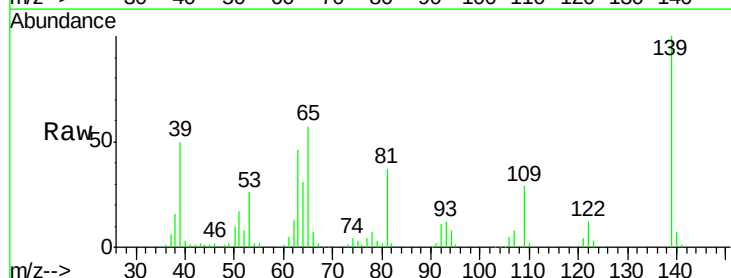
Tgt Ion: 139 Resp: 106433

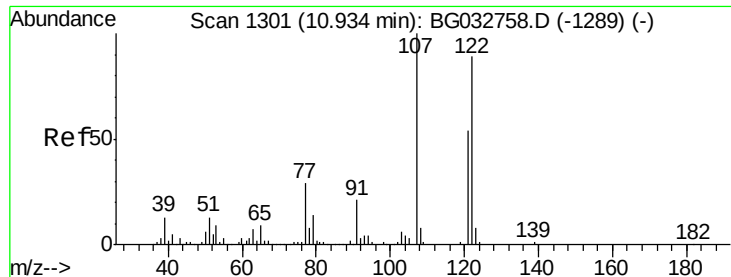
Ion Ratio Lower Upper

139 100

109 28.9 24.2 36.2

65 57.1 47.4 71.0





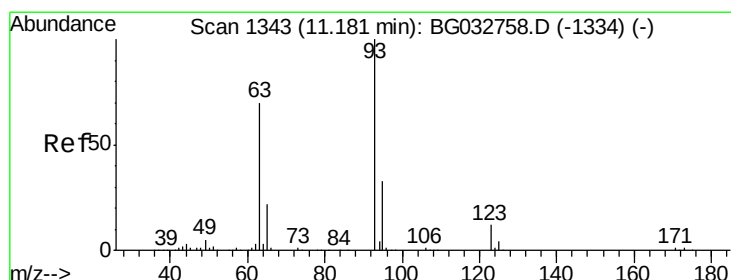
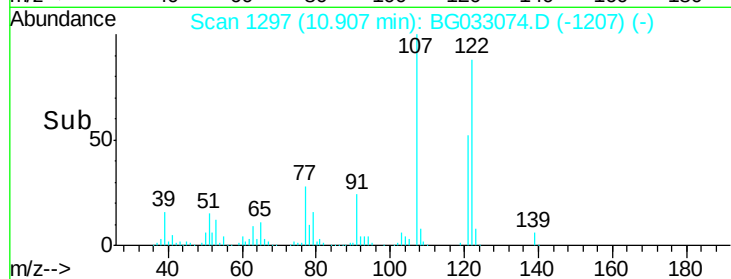
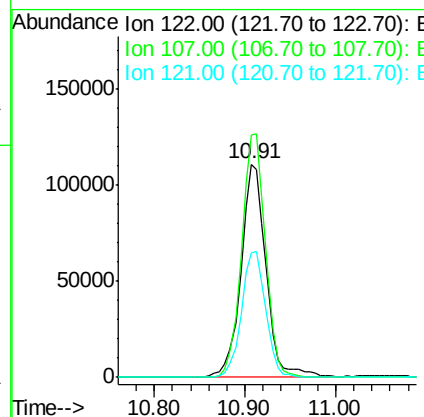
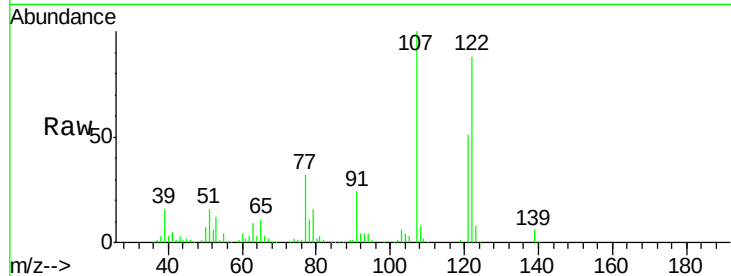
#27
2,4-Dimethylphenol
Concen: 54.930 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Instrument :
BNA_G
ClientSampleId :
OK-03-030818MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	100.2	150.2
121	58.6	44.4	66.6

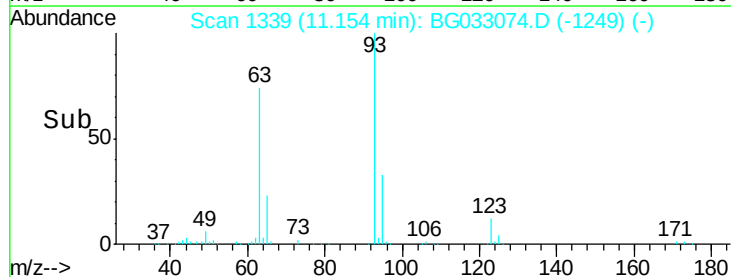
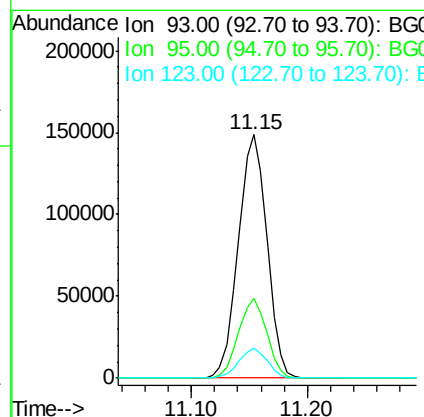
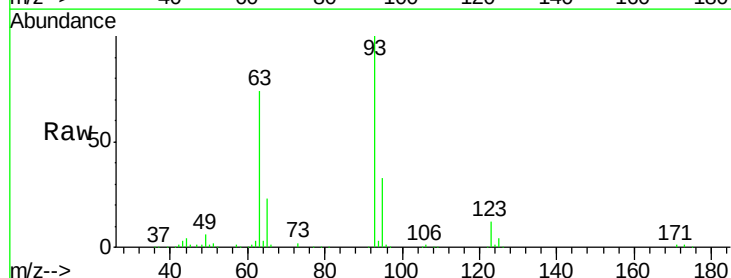
Manual Integrations
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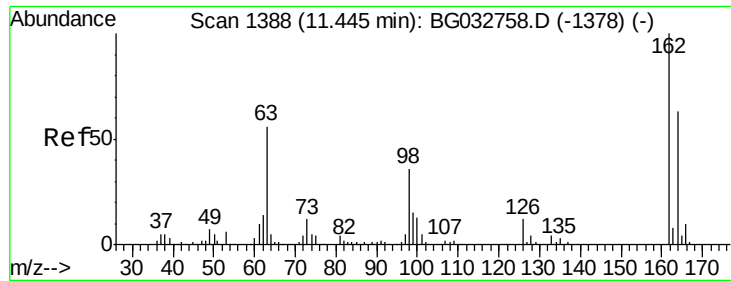
Sohil
3/12/2018 3:51:29 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.899 ng
RT: 11.15 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	24.3	36.5
123	12.4	8.4	12.6





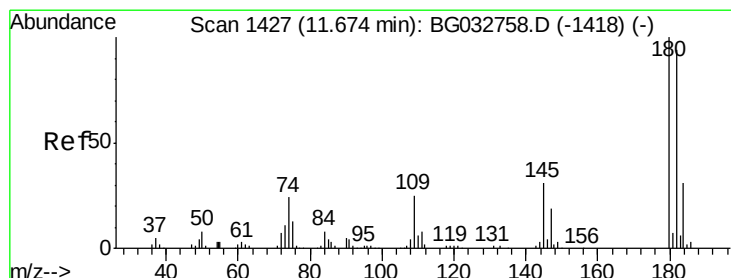
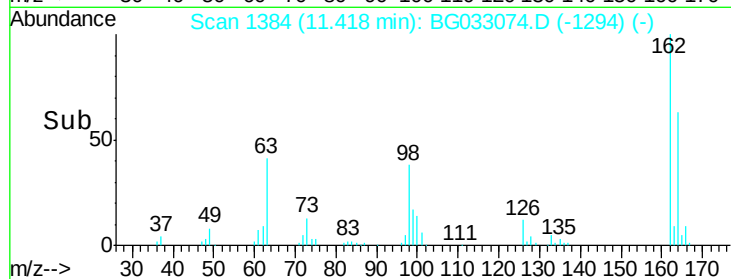
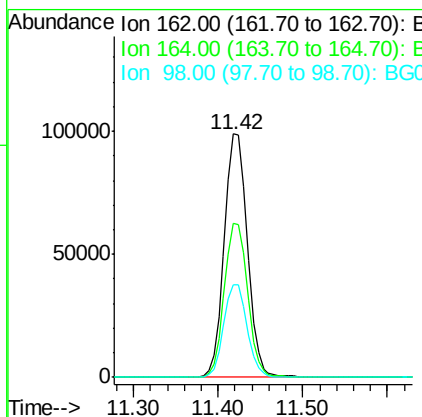
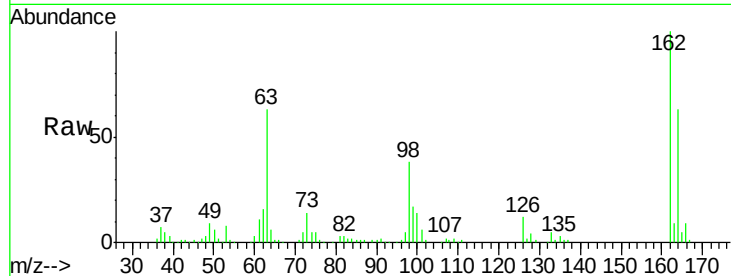
#29
2,4-Dichlorophenol
Concen: 53.040 ng
RT: 11.42 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Instrument :
BNA_G
ClientSampled :
OK-03-030818MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	187288		
164	63.2	48.0	88.0	
98	37.8	21.1	61.1	

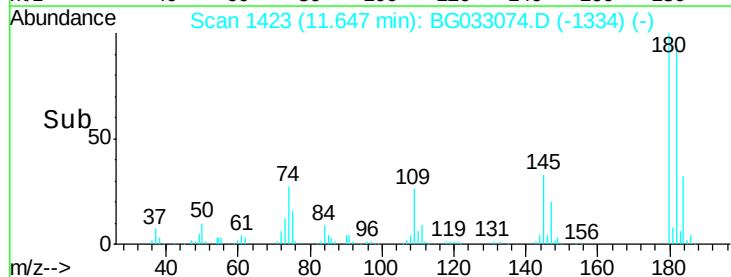
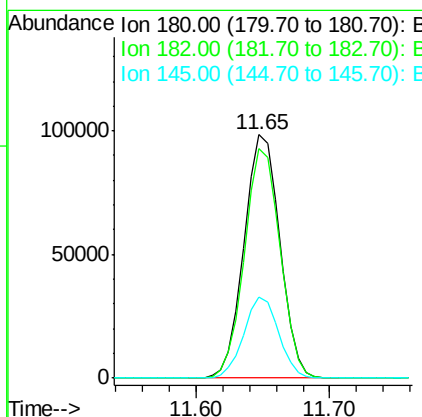
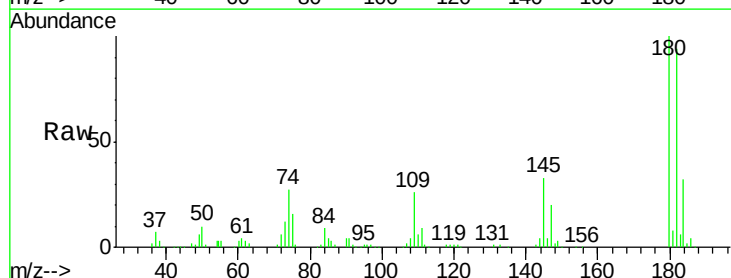
Manual Integrations
APPROVED

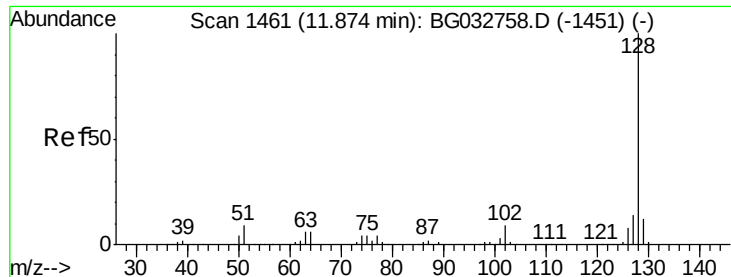
Sohil
3/12/2018 3:51:29 PM



#30
1,2,4-Trichlorobenzene
Concen: 43.940 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	181874		
182	94.4	77.5	116.3	
145	33.1	23.4	35.2	





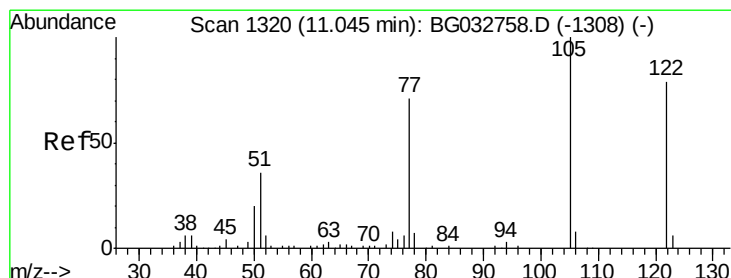
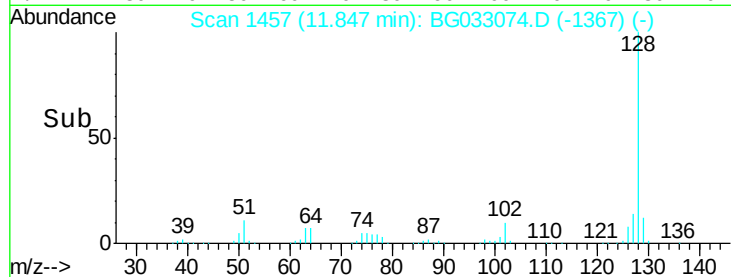
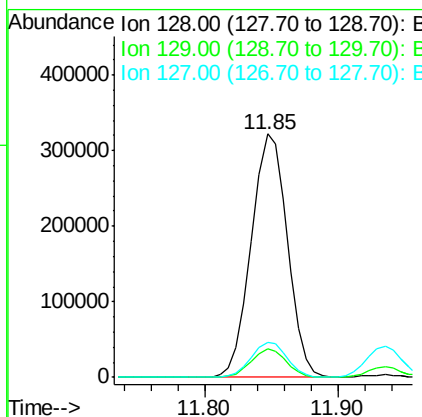
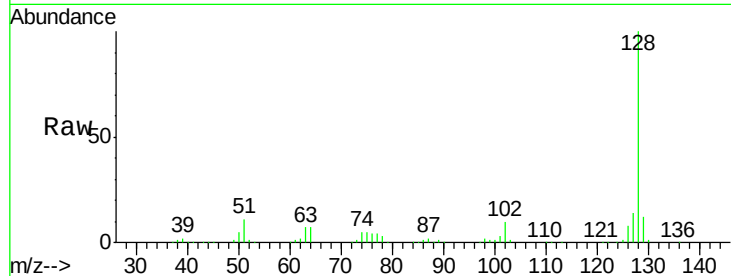
#31
Naphthalene
Concen: 45.150 ng
RT: 11.85 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Instrument :
BNA_G
ClientSampleId :
OK-03-030818MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	14.2	11.6	17.4

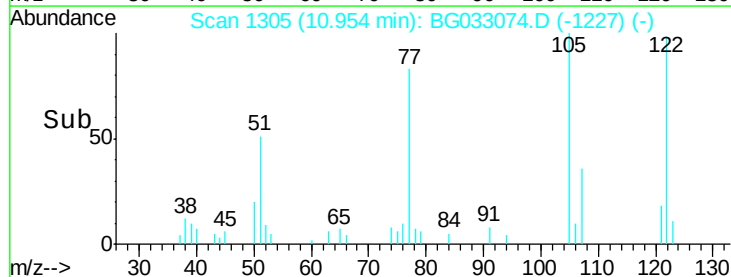
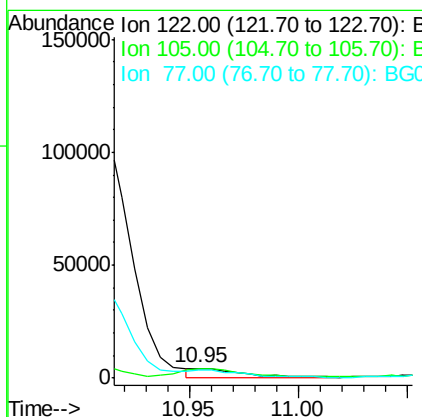
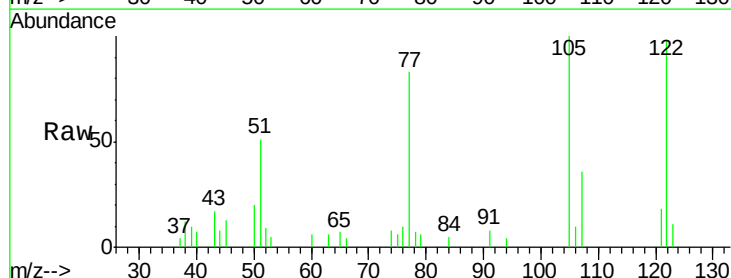
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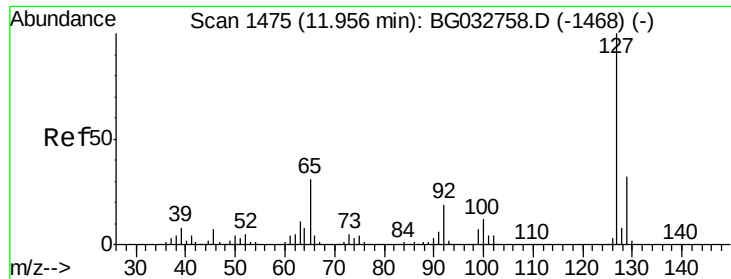
Sohil
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#32
Benzoic acid
Concen: 9.410 ng m
RT: 10.95 min Scan# 1305
Delta R.T. -0.07 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	102.5	123.5	163.5#
77	84.8	85.7	125.7#





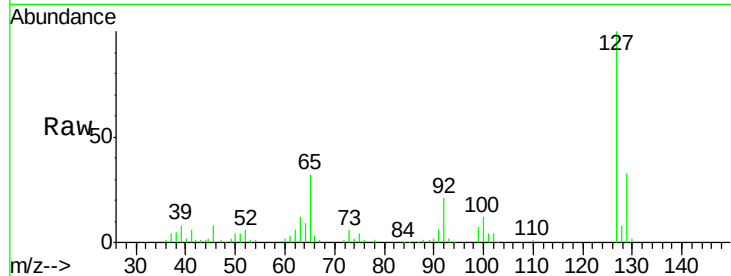
#33
4-Chloroaniline
Concen: 12.910 ng
RT: 11.94 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Instrument :
BNA_G
ClientSampleId :
OK-03-030818MSD

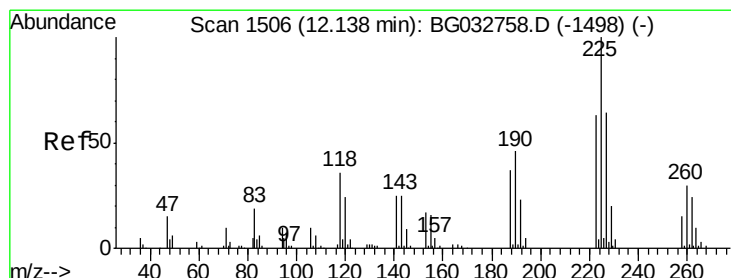
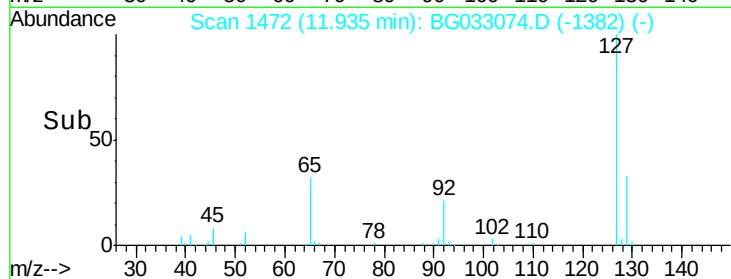
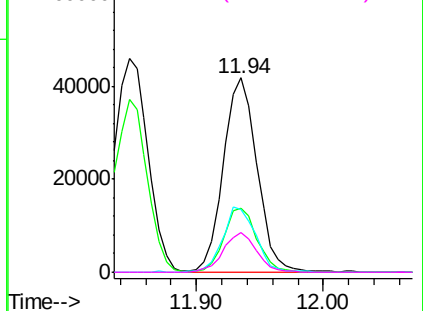
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	24.0	36.0		
65	32.0	27.0	40.4		
92	20.7	16.6	25.0		

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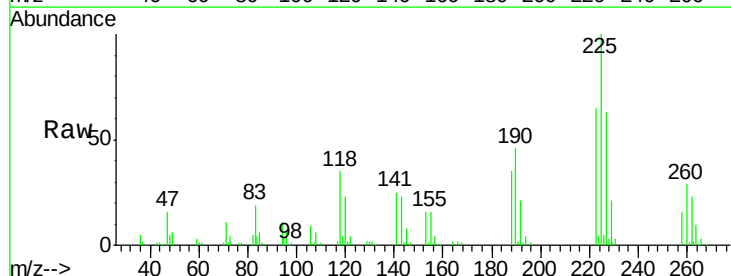


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

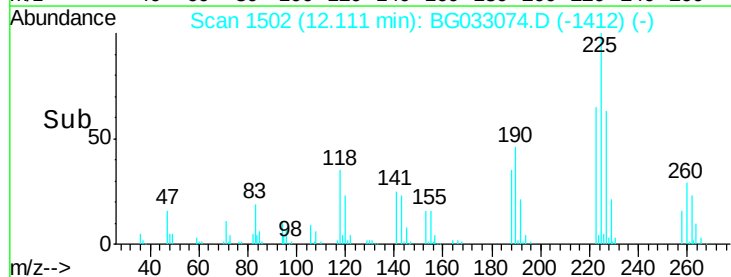
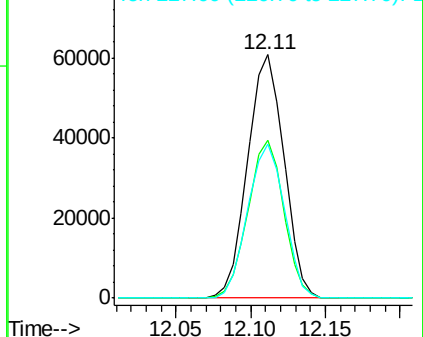


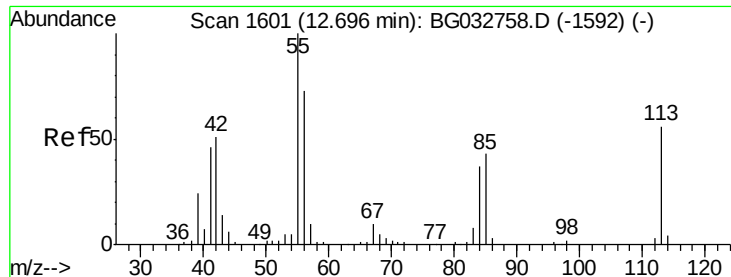
#34
Hexachlorobutadiene
Concen: 44.151 ng
RT: 12.11 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.8	49.7	74.5		
227	63.2	48.1	72.1		



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





#35

Caprolactam

Concen: 43.341 ng

RT: 12.68 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Instrument :

BNA_G

ClientSampleId :

OK-03-030818MSD

Tot Ion:113 Resp: 61279

Ion Ratio Lower Upper

113 100

55 211.0 186.9 226.9

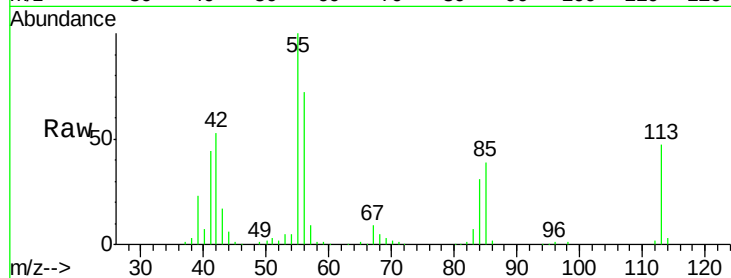
56 151.4 130.9 170.9

Manual Integrations

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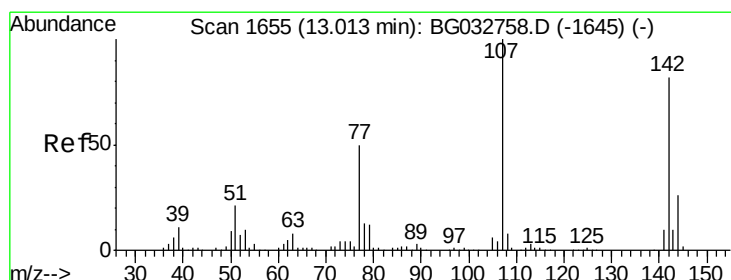
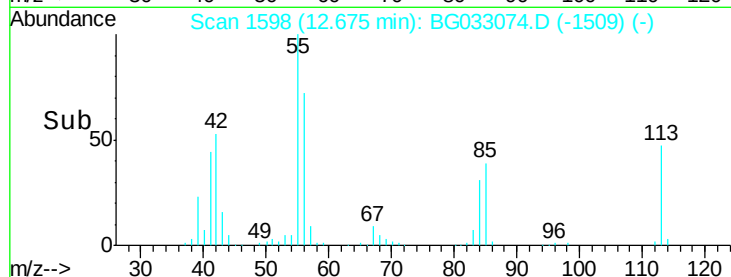
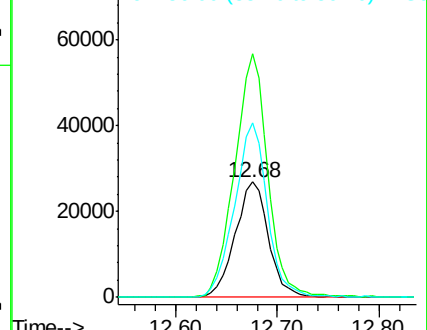
3/12/2018 3:51:29 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 54.669 ng

RT: 13.00 min Scan# 1653

Delta R.T. 0.01 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

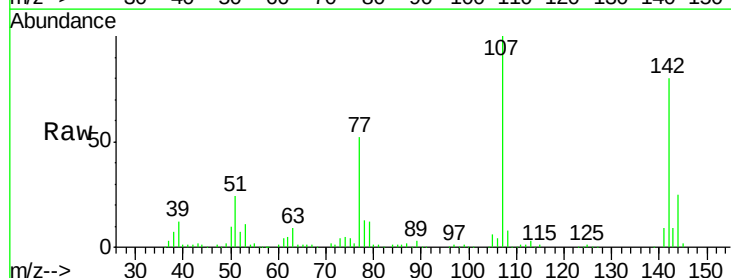
Tgt Ion:107 Resp: 224644

Ion Ratio Lower Upper

107 100

144 25.0 18.2 27.4

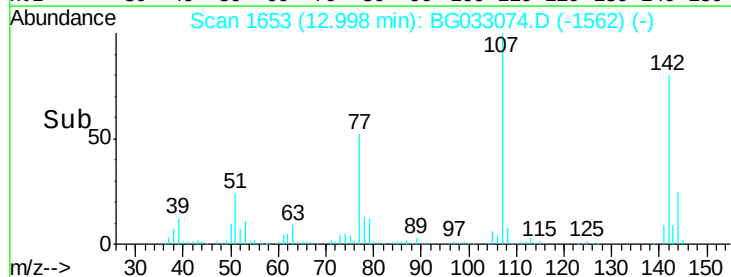
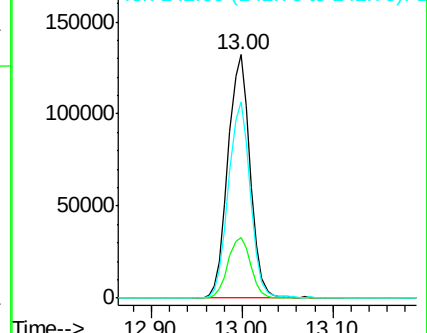
142 80.4 59.0 88.4

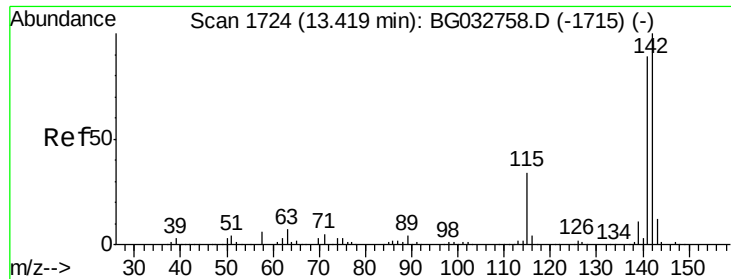


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





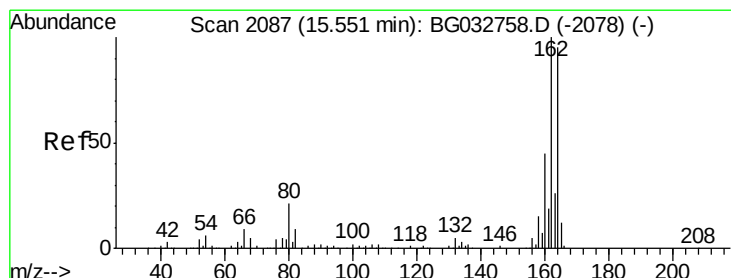
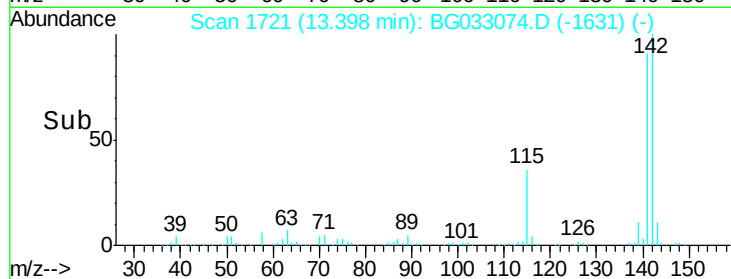
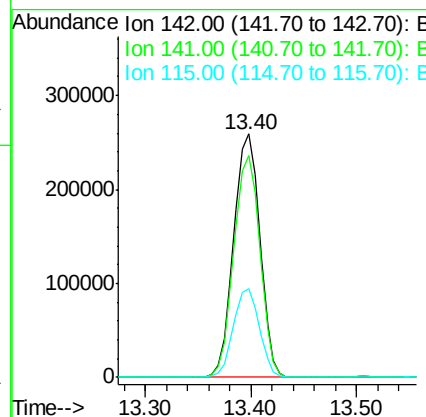
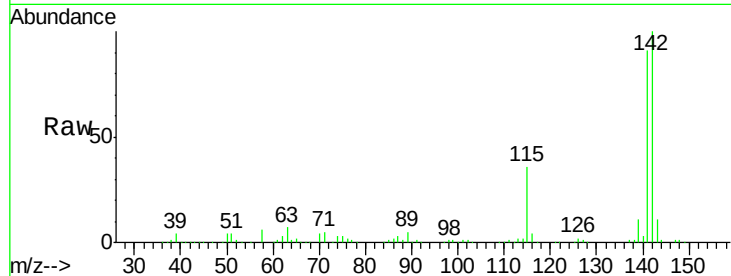
#37
2-Methylnaphthalene
Concen: 45.991 ng
RT: 13.40 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Instrument :
BNA_G
ClientSampleId :
OK-03-030818MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	67.1	100.7
115	36.4	30.7	46.1

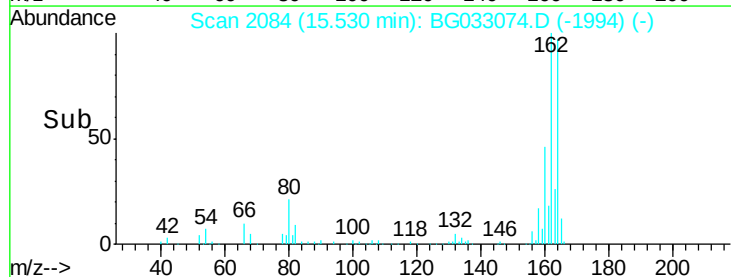
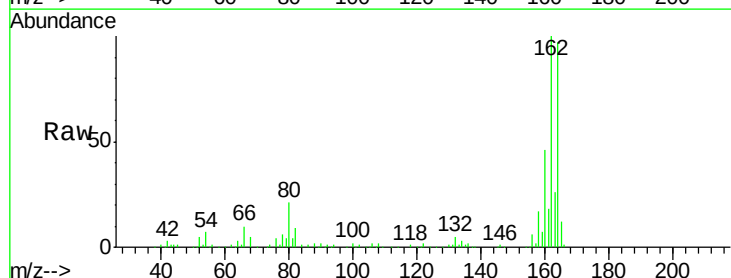
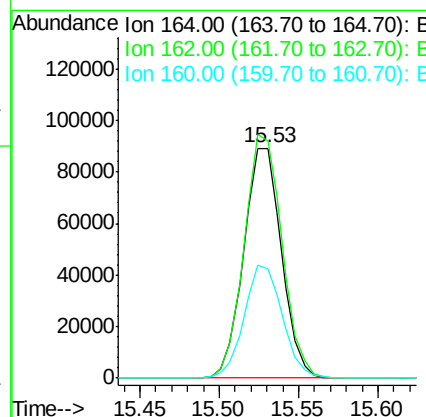
Manual Integrations
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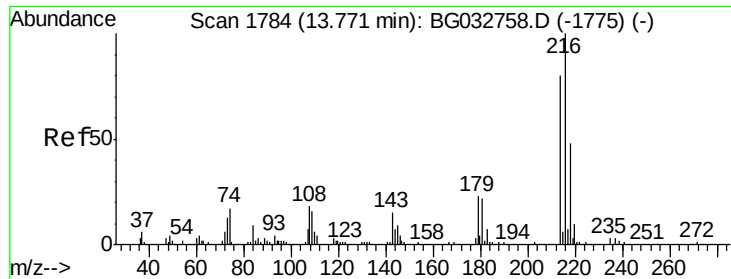
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	78.8	118.2
160	47.5	35.4	53.0





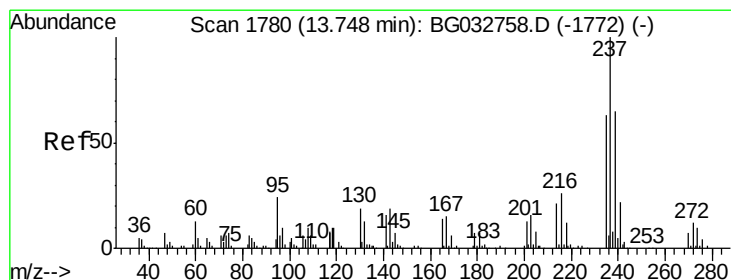
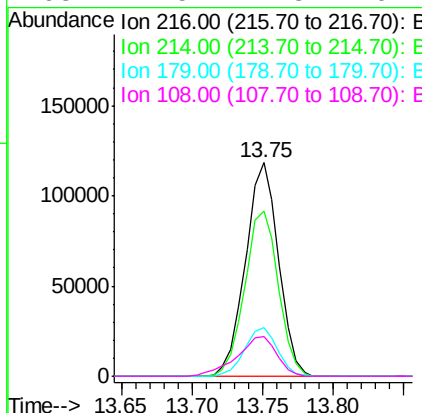
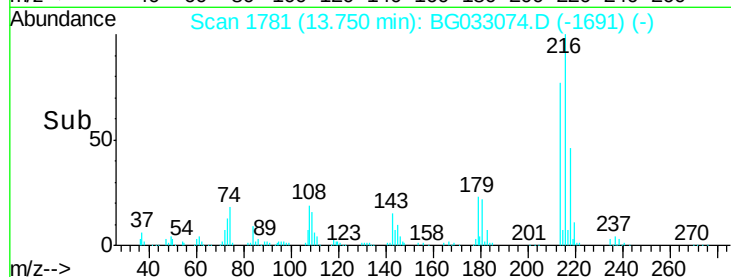
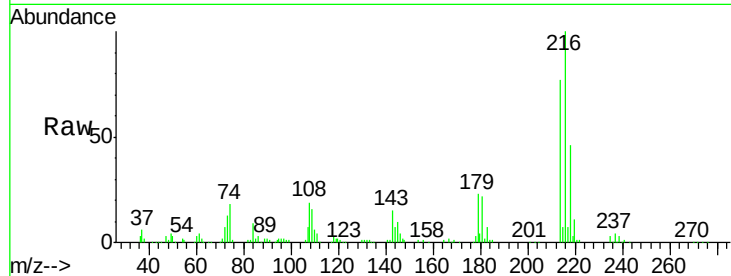
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.326 ng
 RT: 13.75 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BG033074.D
 Acq: 9 Mar 2018 16:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-030818MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.4	63.0	94.4		
179	22.6	17.0	25.6		
108	22.5	12.8	19.2		

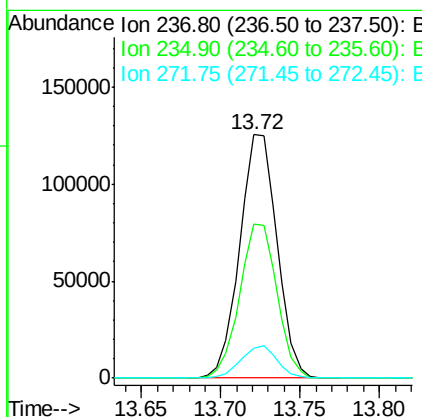
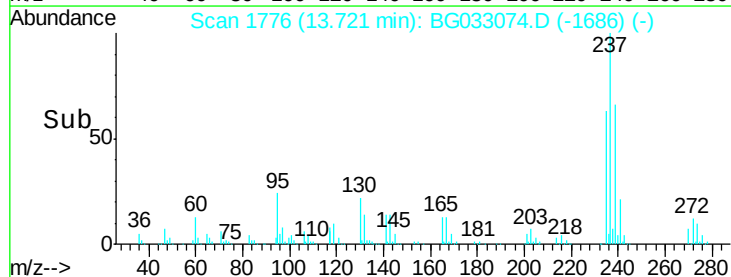
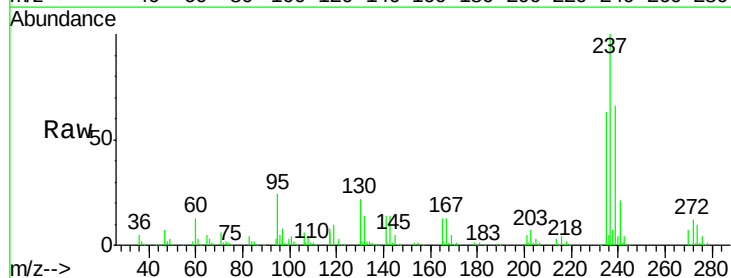
Manual Integrations
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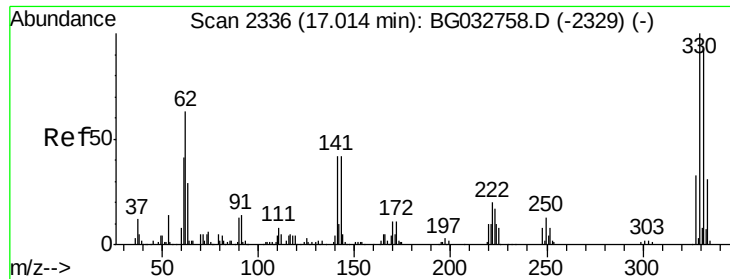
Sohil
 3/12/2018 3:51:29 PM



#40
 Hexachlorocyclopentadiene
 Concen: 91.965 ng
 RT: 13.72 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BG033074.D
 Acq: 9 Mar 2018 16:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.1	50.4	90.4		
272	12.4	0.0	31.8		





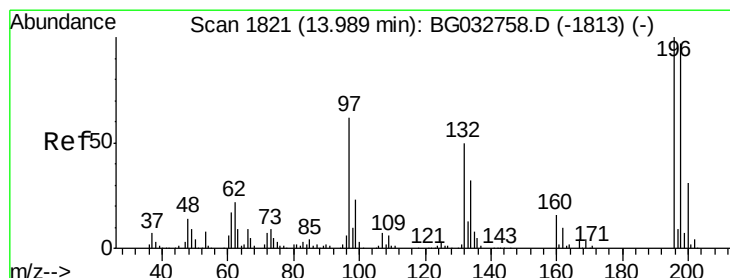
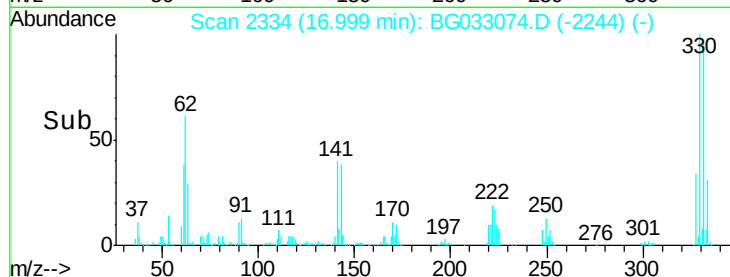
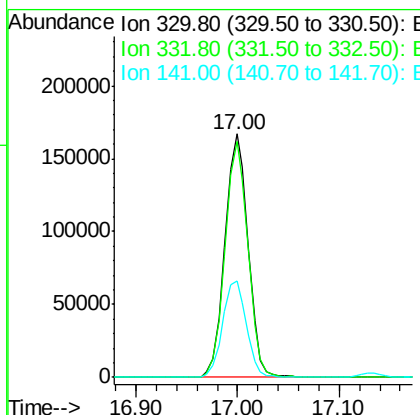
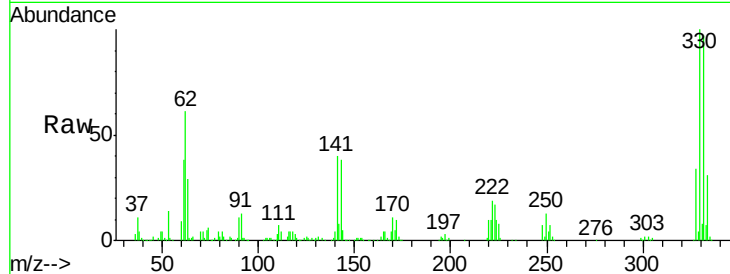
#41
 2,4,6-Tribromophenol
 Concen: 170.265 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.00 min
 Lab File: BG033074.D
 Acq: 9 Mar 2018 16:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-030818MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	40.8	25.2	37.8

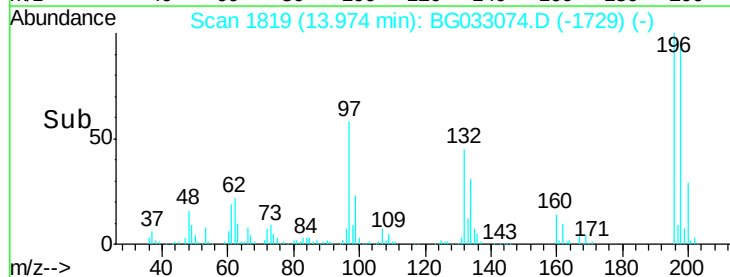
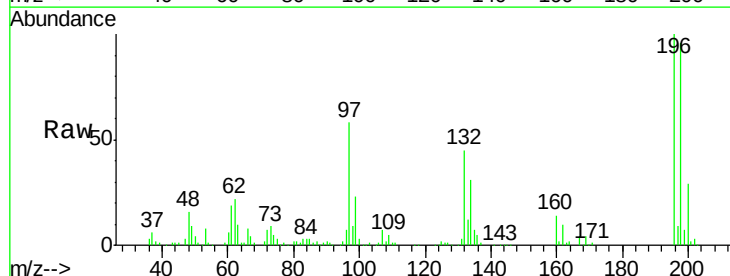
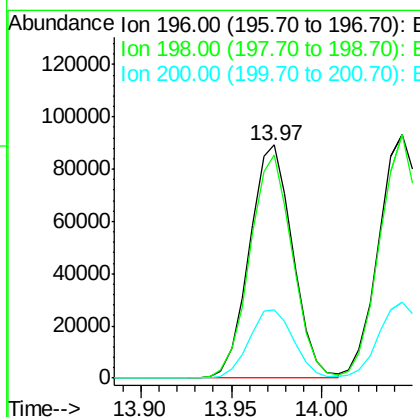
Manual Integrations
 APPROVED

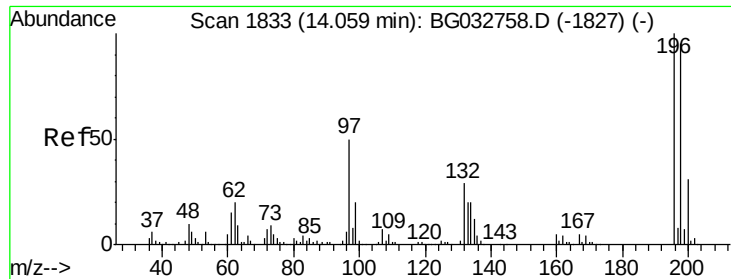
Sohil
 3/12/2018 3:51:29 PM



#42
 2,4,6-Trichlorophenol
 Concen: 53.285 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BG033074.D
 Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	78.2	117.2
200	29.3	24.6	36.8





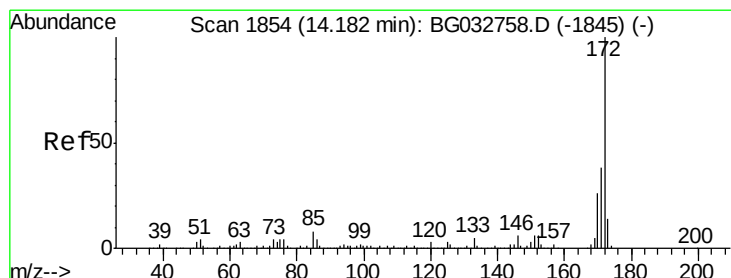
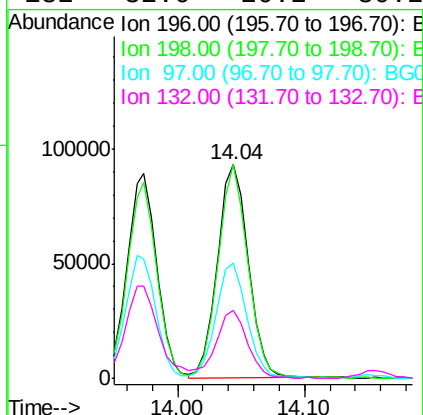
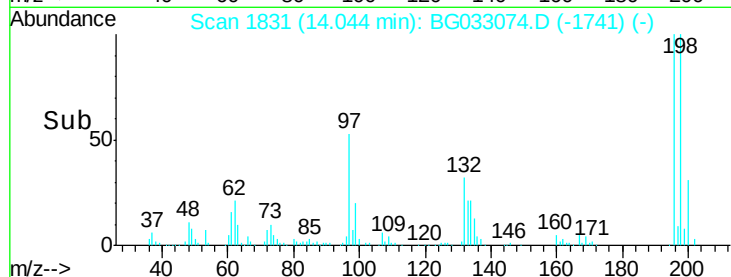
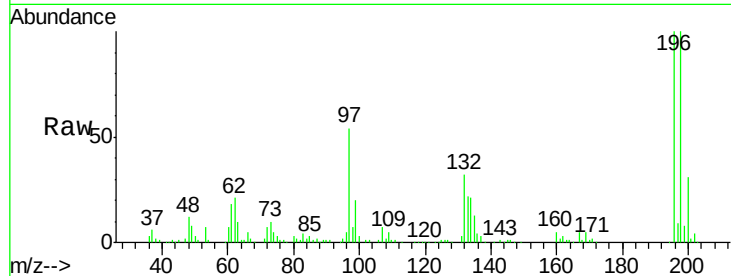
#43
 2,4,5-Trichlorophenol
 Concen: 49.311 ng
 RT: 14.04 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BG033074.D
 Acq: 9 Mar 2018 16:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-030818MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.0	76.2	114.4
97	53.8	38.7	58.1
132	32.0	20.2	30.2

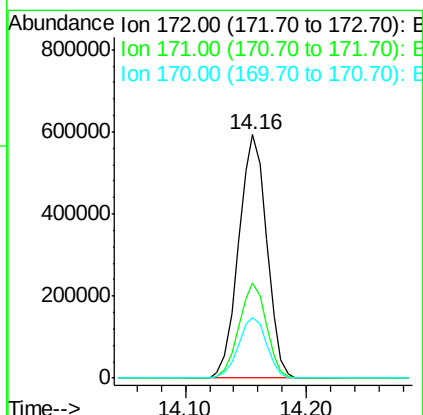
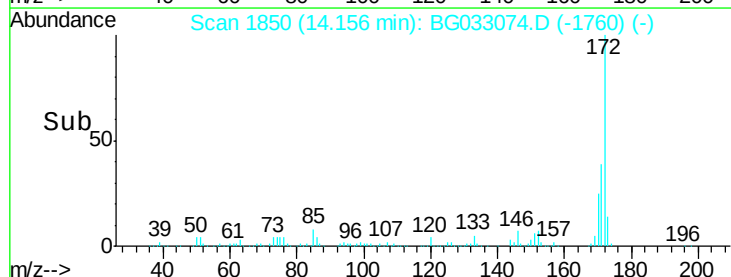
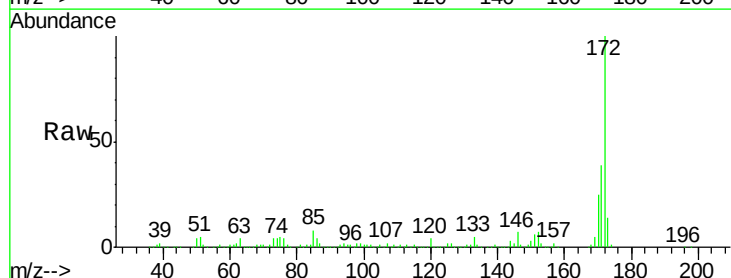
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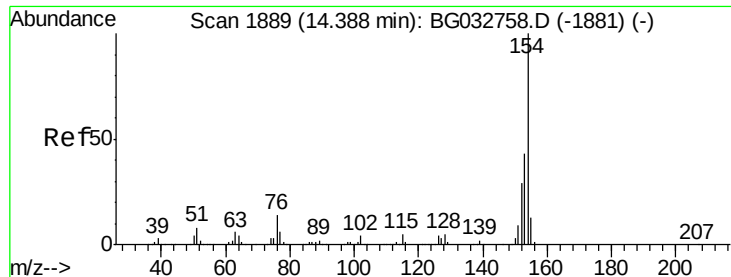
Sohil
 3/12/2018 3:51:29 PM



#44
 2-Fluorobiphenyl
 Concen: 93.732 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033074.D
 Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.0	45.0
170	25.1	19.5	29.3





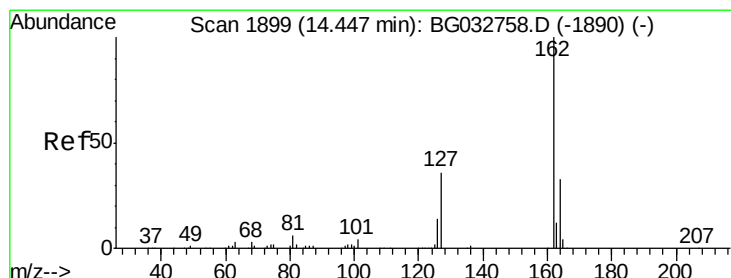
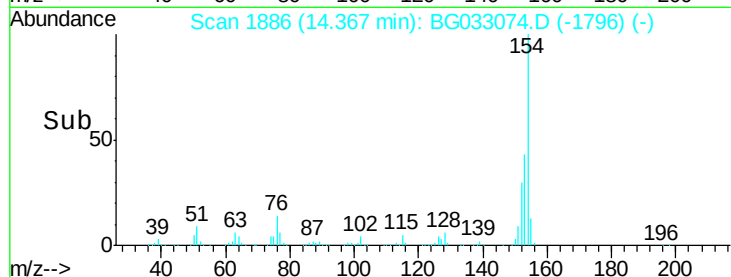
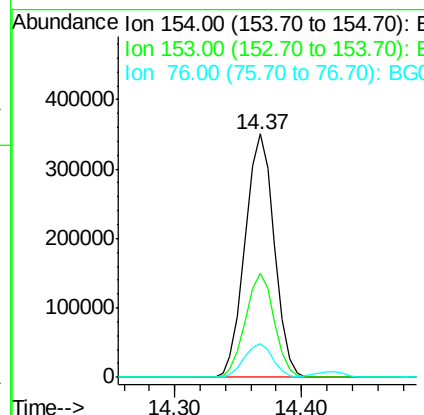
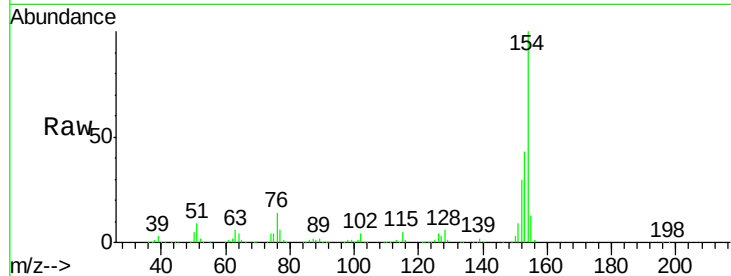
#45
 1,1'-Biphenyl
 Concen: 43.407 ng
 RT: 14.37 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG033074.D
 Acq: 9 Mar 2018 16:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-030818MSD

Tot Ion:	154	Resp:	559457
Ion Ratio	Lower	Upper	
154	100		
153	42.9	19.8	59.8
76	13.8	0.0	31.9

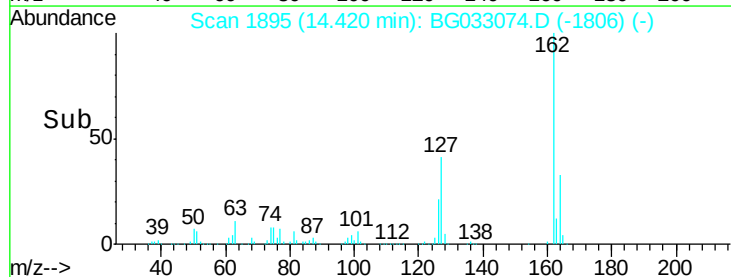
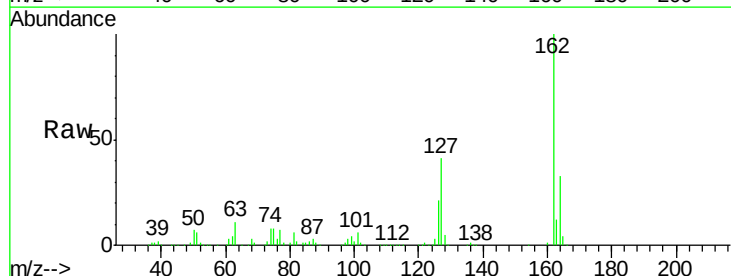
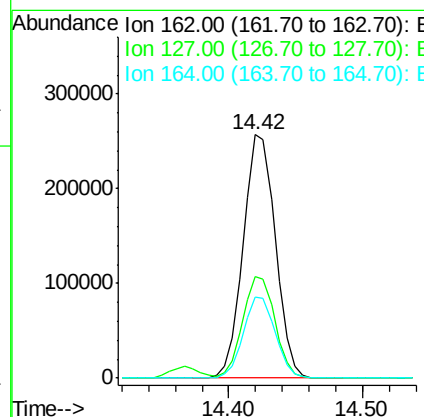
Manual Integrations
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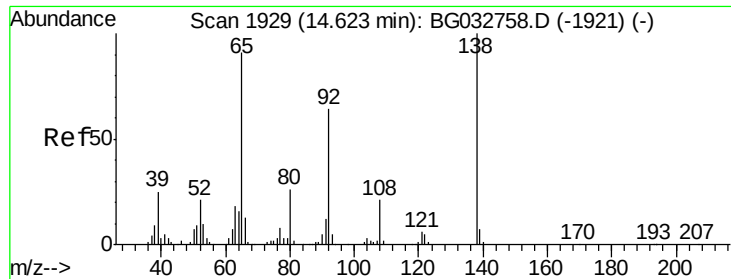
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#46
 2-Chloronaphthalene
 Concen: 44.367 ng
 RT: 14.42 min Scan# 1895
 Delta R.T. -0.01 min
 Lab File: BG033074.D
 Acq: 9 Mar 2018 16:14

Tgt Ion:	162	Resp:	427159
Ion Ratio	Lower	Upper	
162	100		
127	41.5	30.7	46.1
164	33.1	26.0	39.0





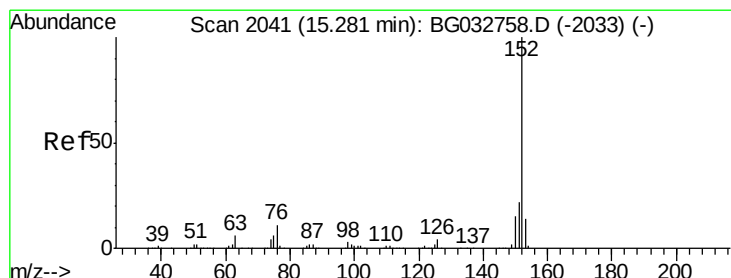
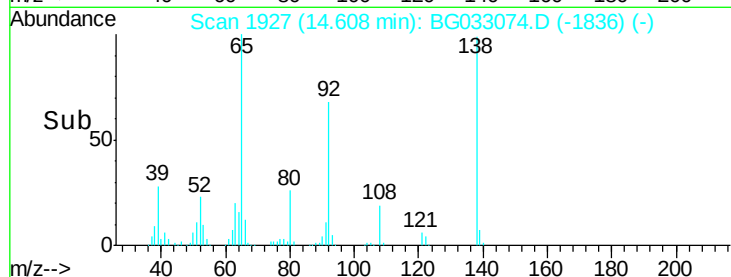
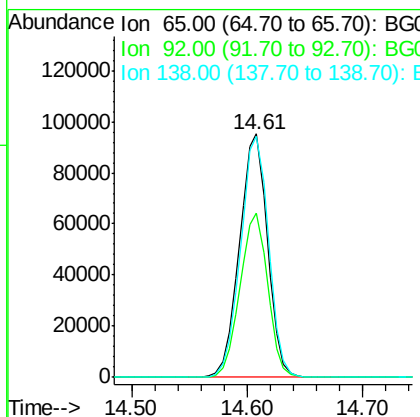
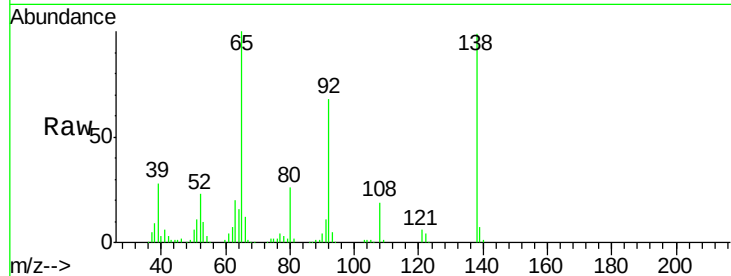
#47
2-Nitroaniline
Concen: 62.237 ng
RT: 14.61 min Scan# 1927
Delta R.T. 0.01 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Instrument :
BNA_G
ClientSampleId :
OK-03-030818MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.7	54.6	82.0
138	99.1	72.9	109.3

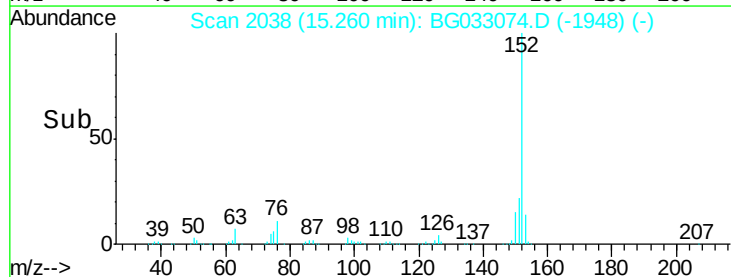
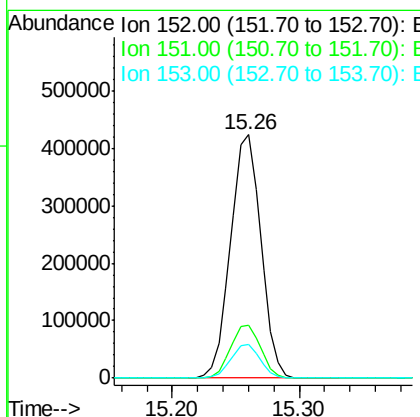
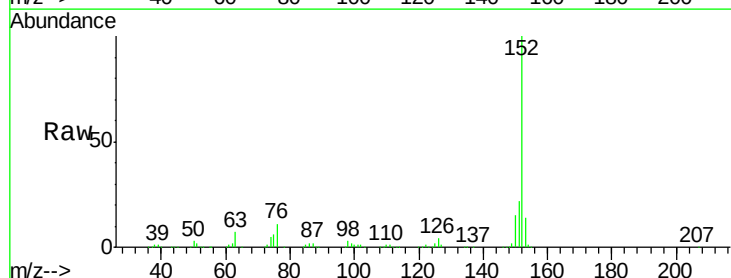
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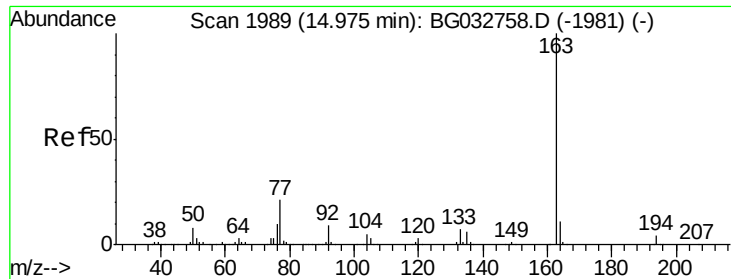
Sohil
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#48
Acenaphthylene
Concen: 44.368 ng
RT: 15.26 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.2	25.8
153	13.7	10.2	15.4





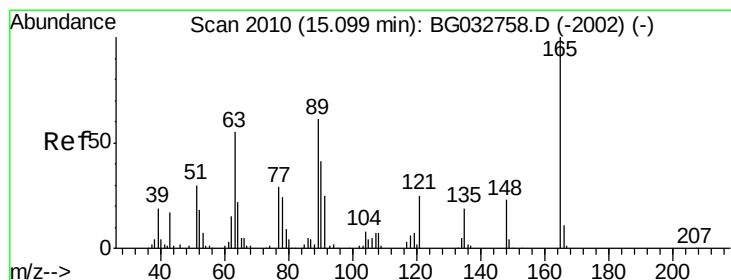
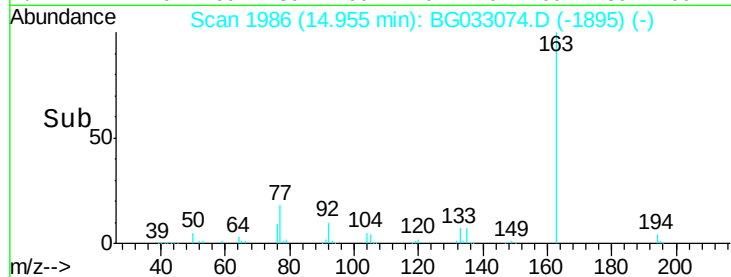
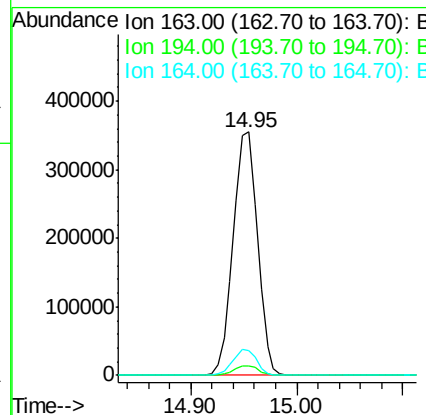
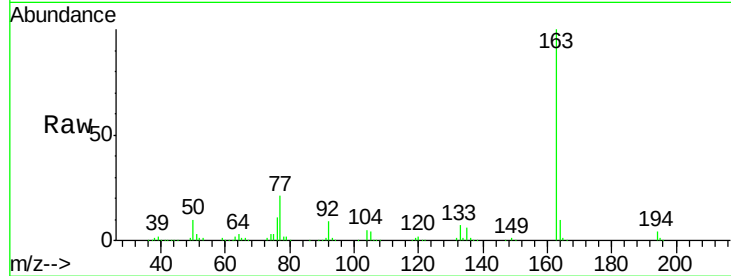
#49
Dimethylphthalate
Concen: 45.036 ng
RT: 14.95 min Scan# 1986
Delta R.T. 0.01 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Instrument :
BNA_G
ClientSampleId :
OK-03-030818MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.0	8.2	12.4

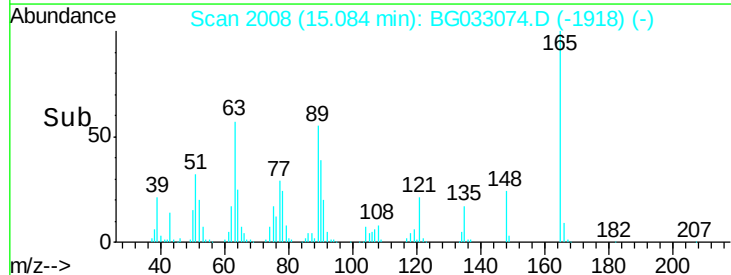
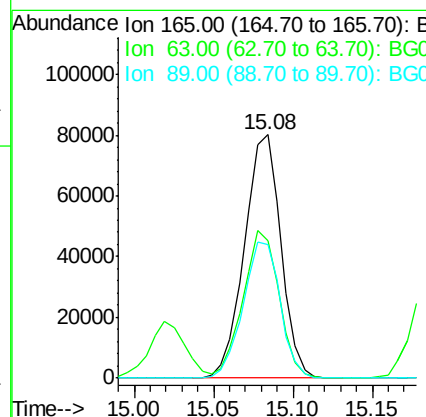
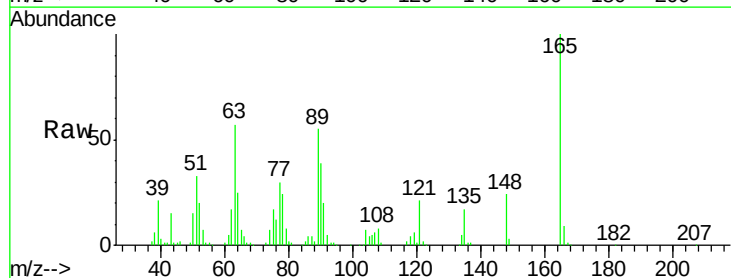
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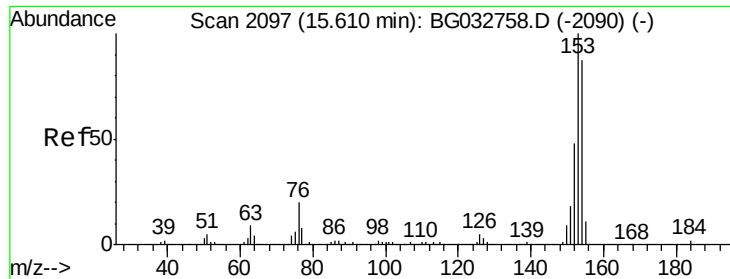
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#50
2,6-Dinitrotoluene
Concen: 59.111 ng
RT: 15.08 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.6	52.7	79.1
89	54.8	49.2	73.8





#51

Acenaphthene

Concen: 44.749 ng

RT: 15.59 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Instrument :

BNA_G

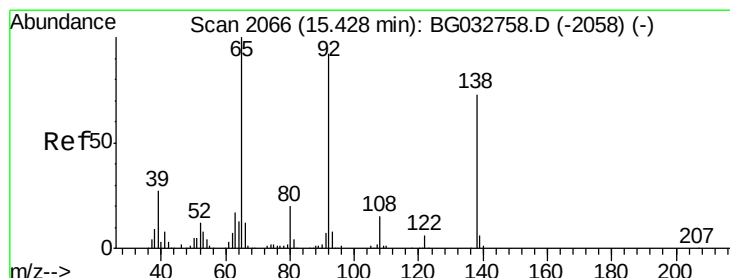
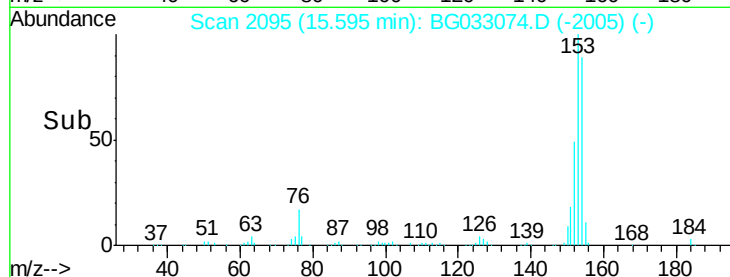
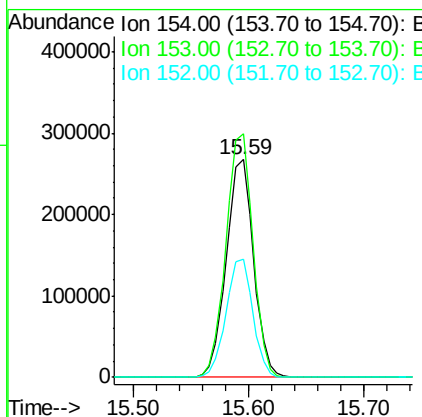
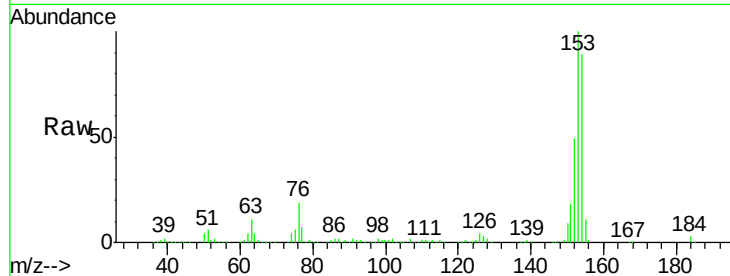
ClientSampleId :

OK-03-030818MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.4	135.6
152	54.3	41.6	62.4

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#52

3-Nitroaniline

Concen: 28.231 ng

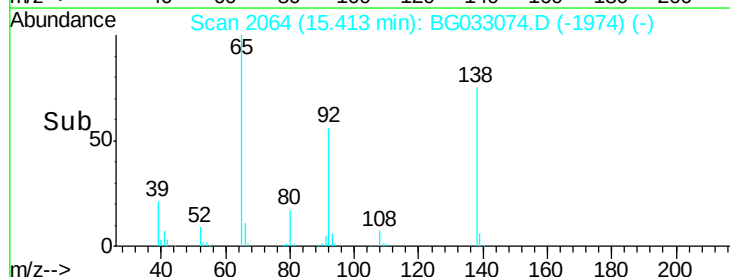
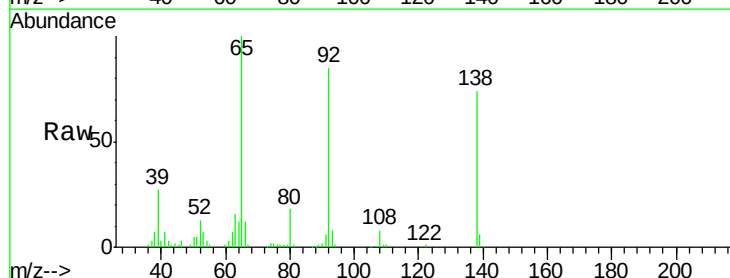
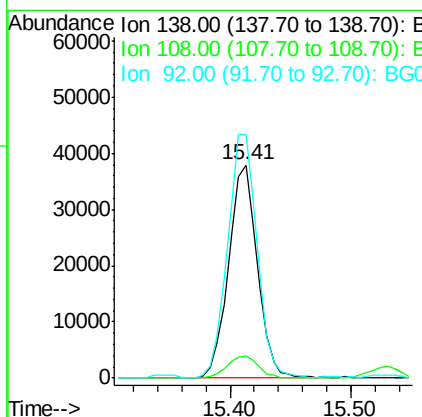
RT: 15.41 min Scan# 2064

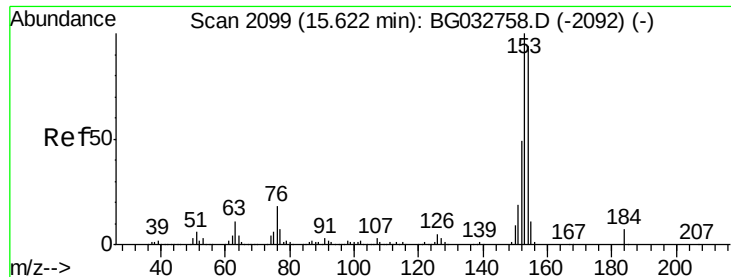
Delta R.T. 0.00 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	17.5	26.3#
92	114.0	105.8	158.8





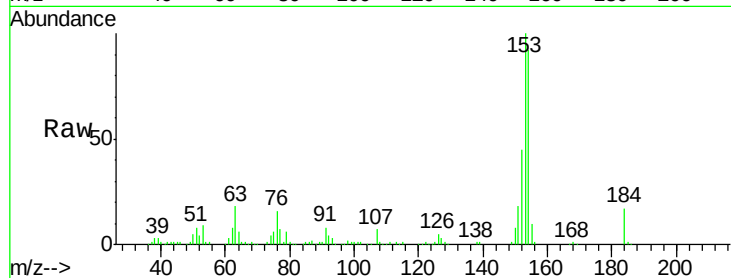
#53
2,4-Dinitrophenol
Concen: 54.605 ng
RT: 15.61 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Instrument :
BNA_G
ClientSampleId :
OK-03-030818MSD

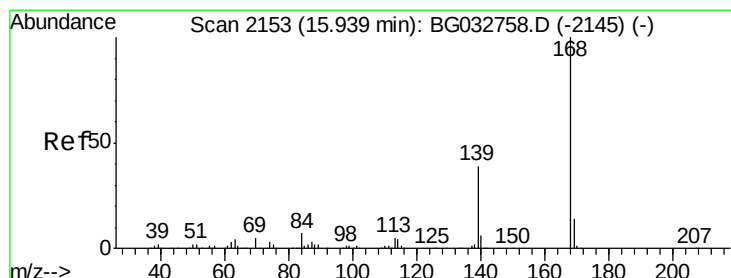
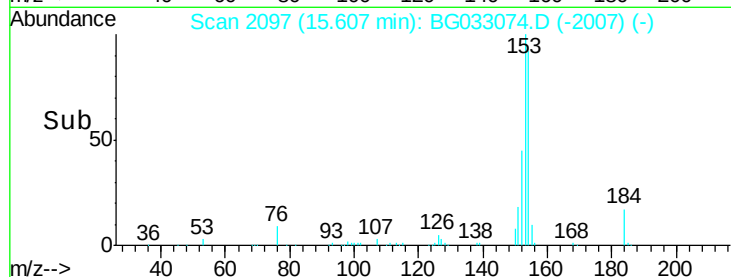
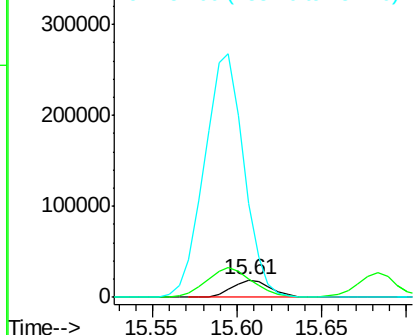
Tot Ion	Ratio	Lower	Upper
184	100		
63	107.1	59.8	89.8#
154	538.7	101.8	152.8#

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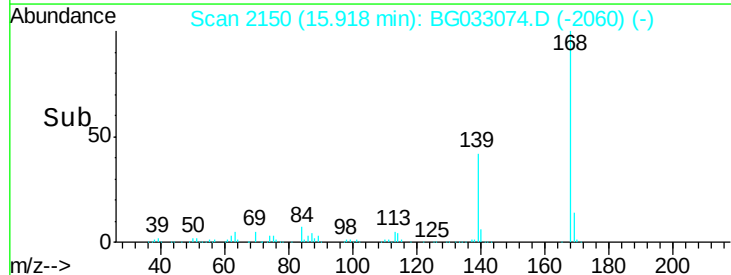
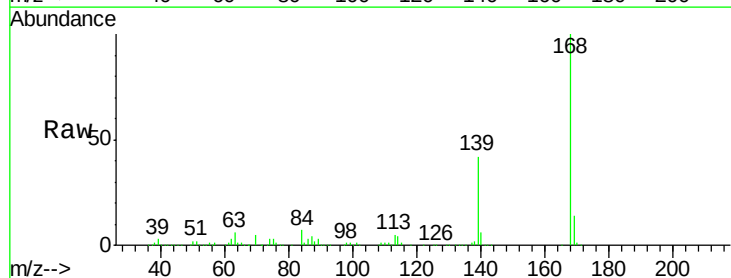
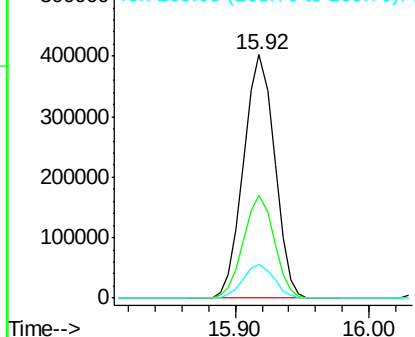
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

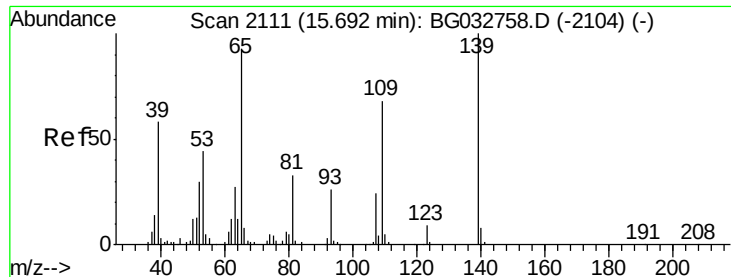


#54
Dibenzofuran
Concen: 46.485 ng
RT: 15.92 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.4	28.6	43.0
169	14.1	11.2	16.8

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





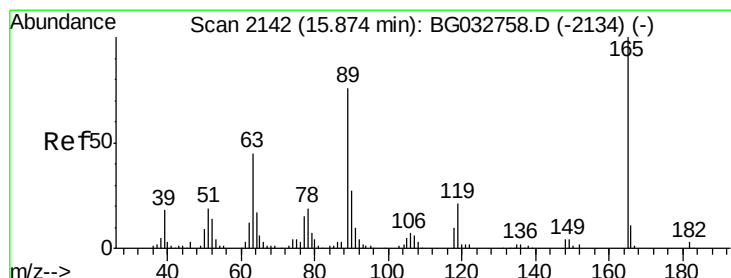
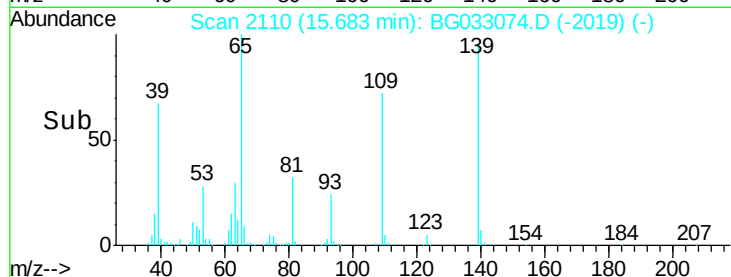
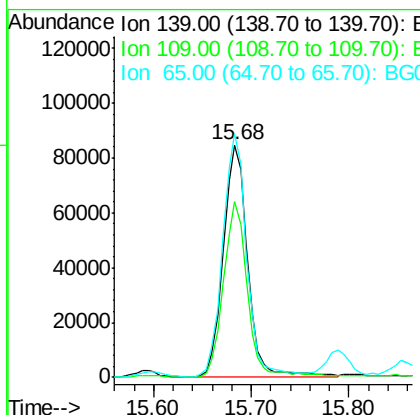
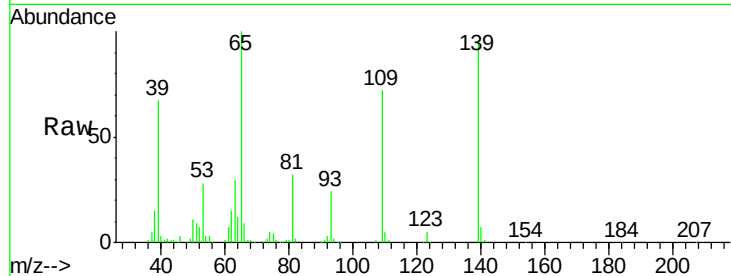
#55
4-Nitrophenol
Concen: 72.628 ng
RT: 15.68 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Instrument :
BNA_G
ClientSampleId :
OK-03-030818MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	147479		
109	75.7	62.2	102.2	
65	104.6	97.2	137.2	

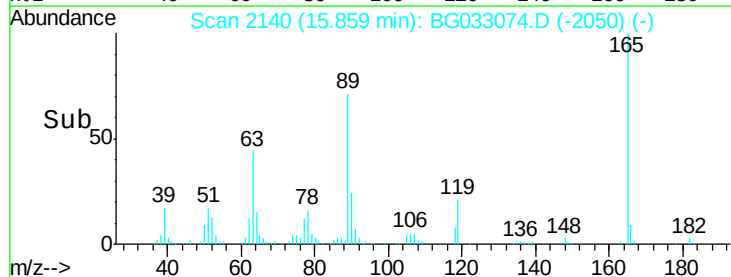
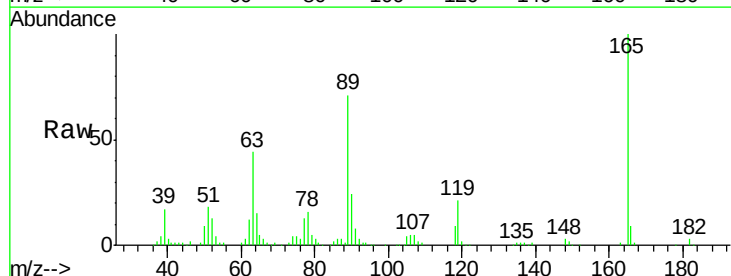
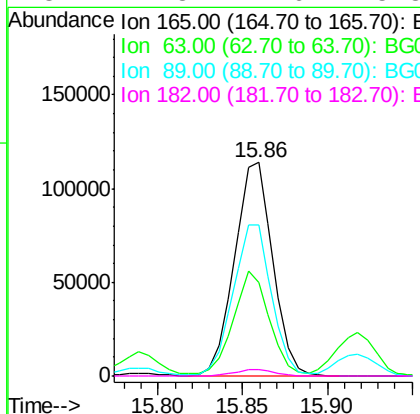
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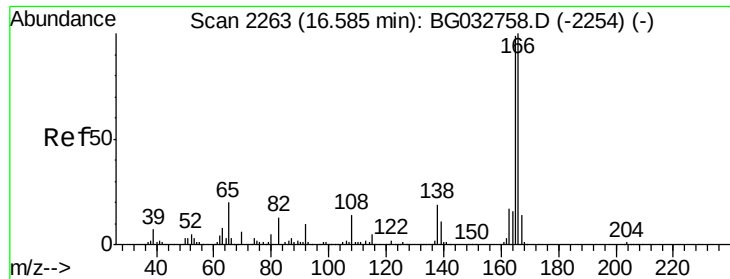
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#56
2,4-Dinitrotoluene
Concen: 66.632 ng
RT: 15.86 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	179181		
63	43.8	42.0	63.0	
89	70.9	66.9	100.3	
182	2.8	2.6	3.8	





#57

Fluorene

Concen: 45.001 ng

RT: 16.56 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Instrument :

BNA_G

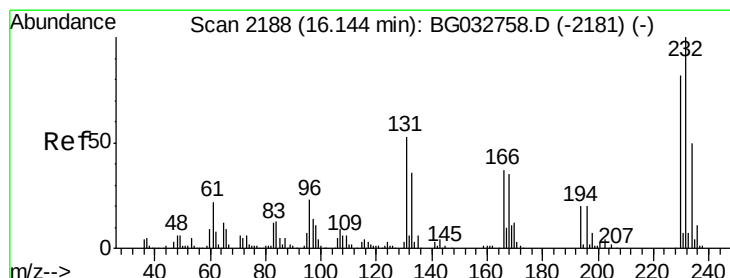
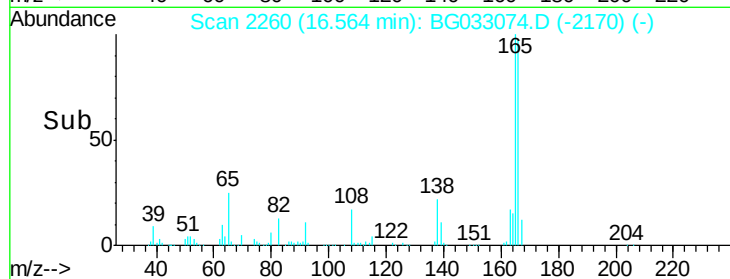
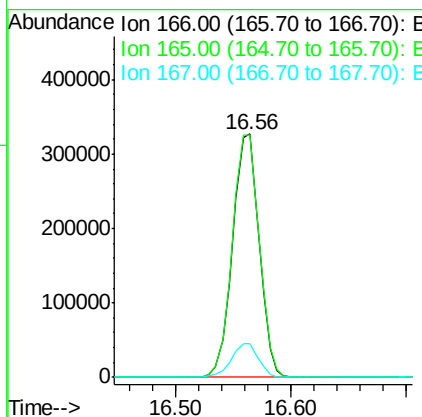
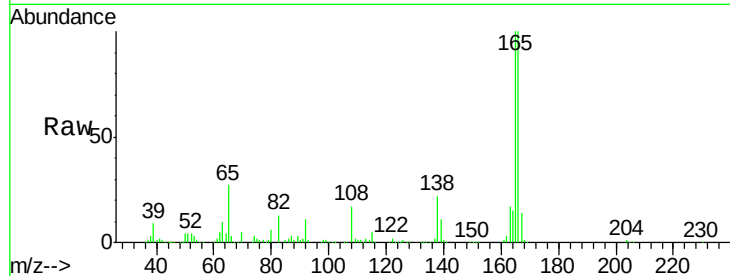
ClientSampleId :

OK-03-030818MSD

Tot Ion:	166	Resp:	519171
Ion Ratio		Lower	Upper
166	100		
165	99.6	80.6	121.0
167	13.7	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 54.689 ng m

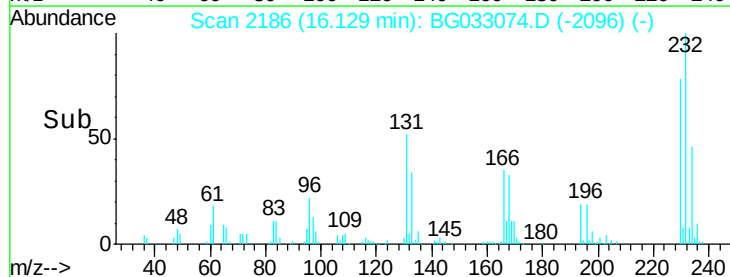
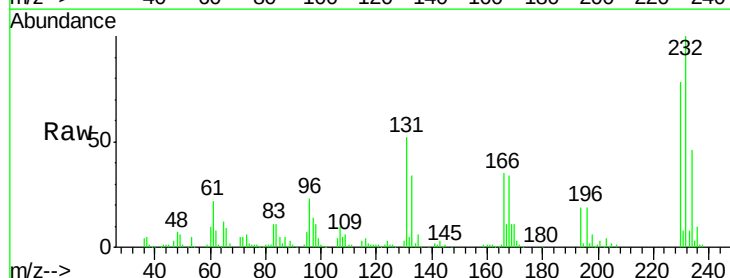
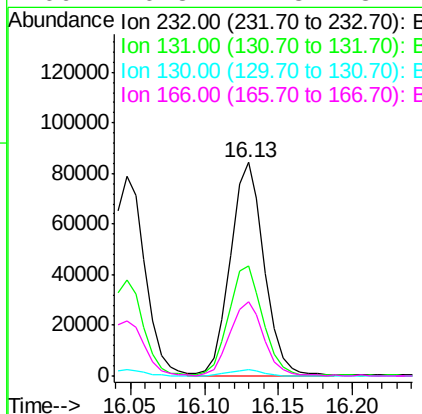
RT: 16.13 min Scan# 2186

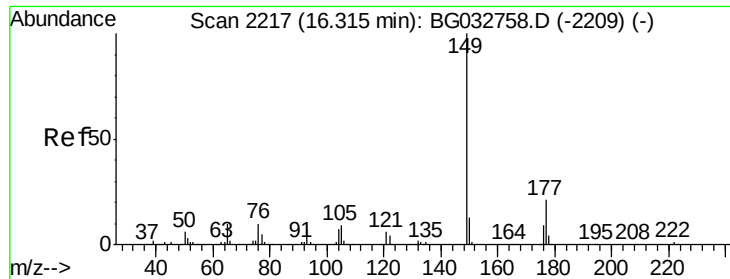
Delta R.T. 0.00 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Tgt Ion:	232	Resp:	135692
Ion Ratio		Lower	Upper
232	100		
131	44.3	33.5	50.3
130	2.9	2.2	3.2
166	26.8	24.8	37.2





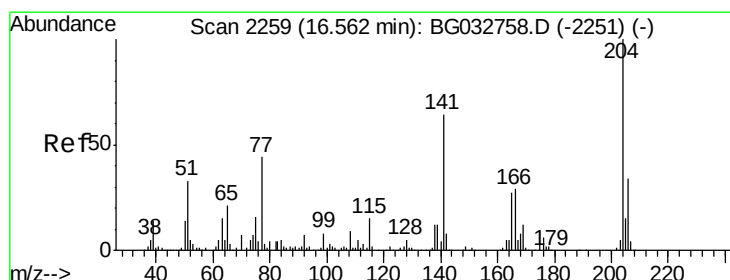
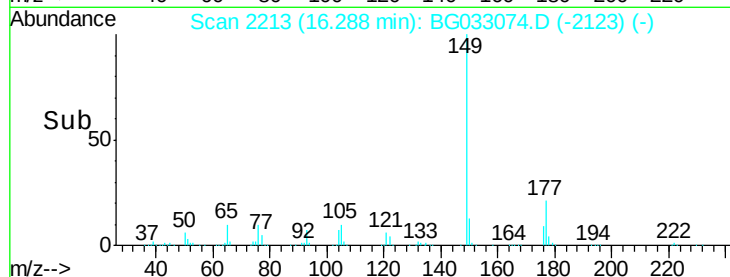
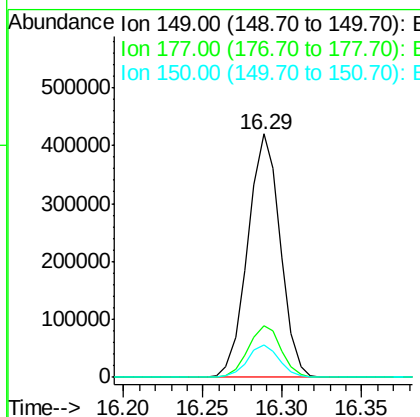
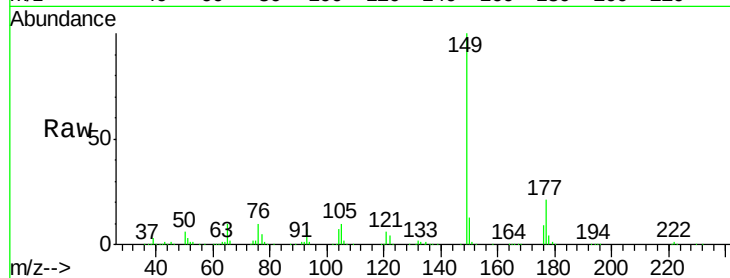
#59
Diethylphthalate
Concen: 45.144 ng
RT: 16.29 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Instrument :
BNA_G
ClientSampleId :
OK-03-030818MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	596311		
177	20.9		18.5	27.7
150	13.1		10.2	15.2

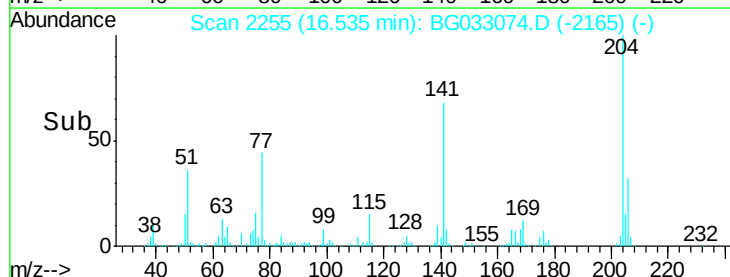
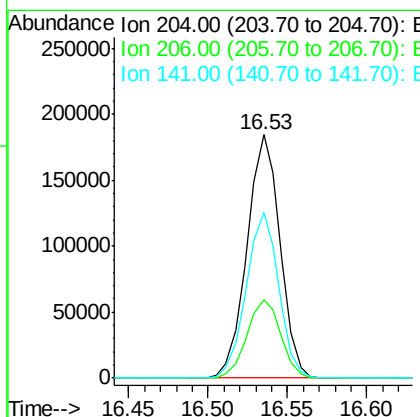
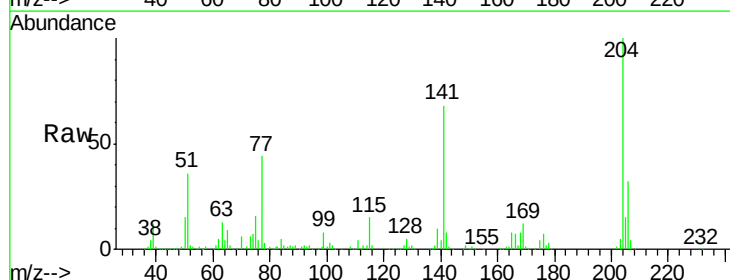
Manual Integrations
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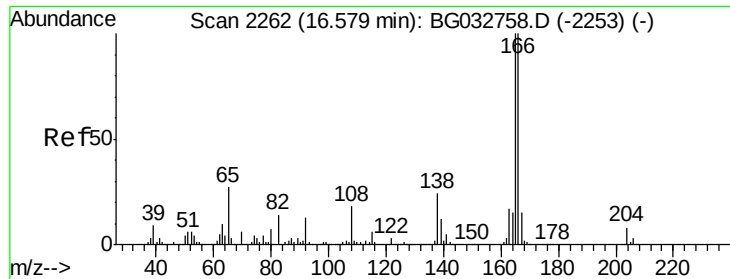
Sohil
3/12/2018 3:51:29 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.263 ng
RT: 16.53 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	266739		
206	32.4		26.2	39.2
141	67.9		45.8	68.6





#61

4-Nitroaniline

Concen: 45.489 ng

RT: 16.56 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Instrument :

BNA_G

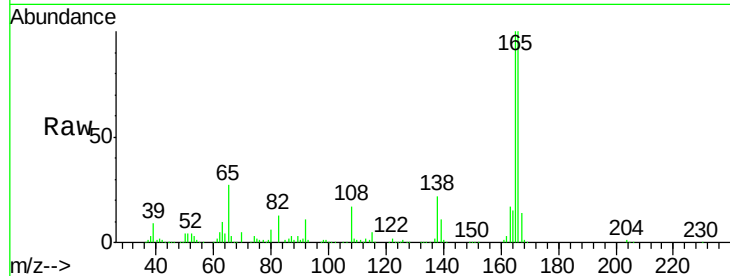
ClientSampleId :

OK-03-030818MSD

Tot Ion:	138	Resp:	122483
Ion Ratio	Lower	Upper	
138	100		
92	51.1	40.1	80.1
108	77.4	65.4	105.4

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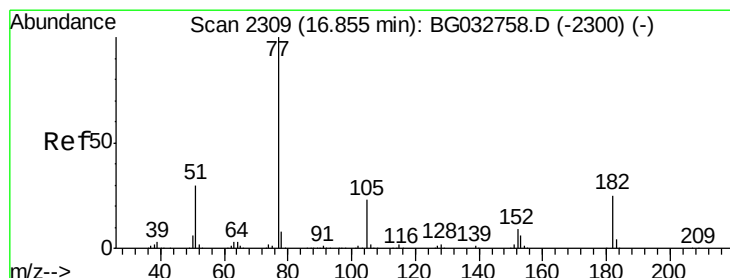
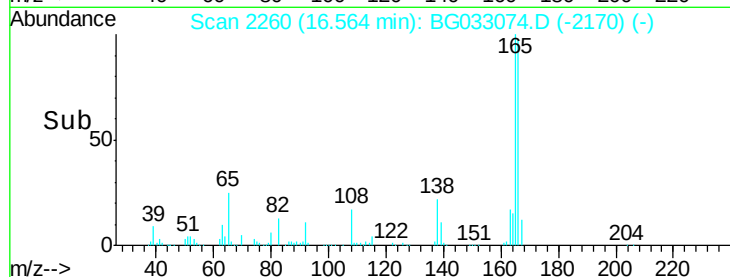
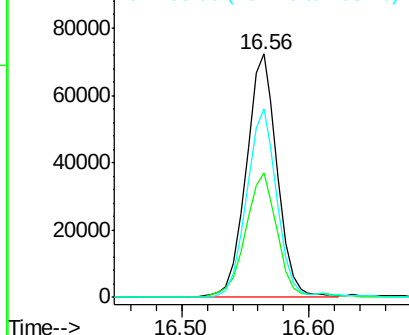


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.303 ng

RT: 16.83 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Tgt Ion:	77	Resp:	558981
Ion Ratio	Lower	Upper	
77	100		
182	24.9	7.4	47.4
105	22.0	0.3	40.3
51	34.2	11.6	51.6

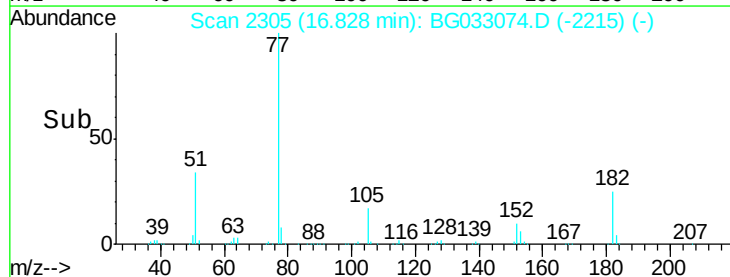
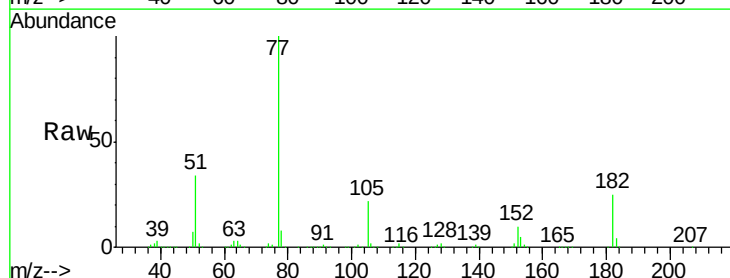
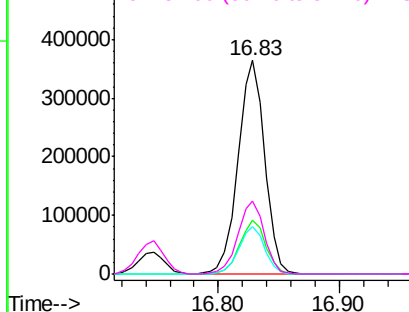
Abundance

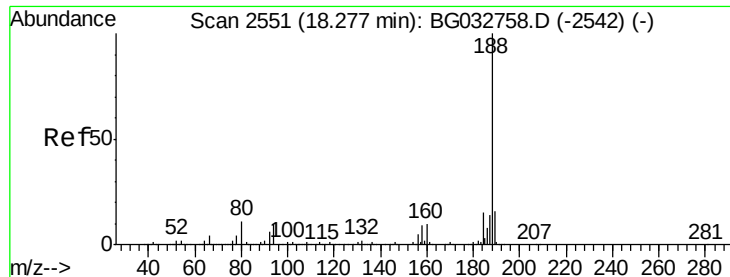
Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2548

Delta R.T. 0.00 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Instrument :

BNA_G

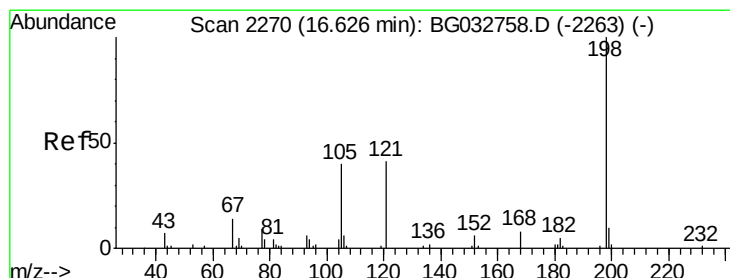
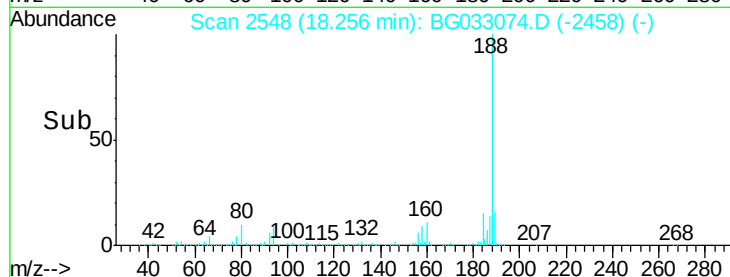
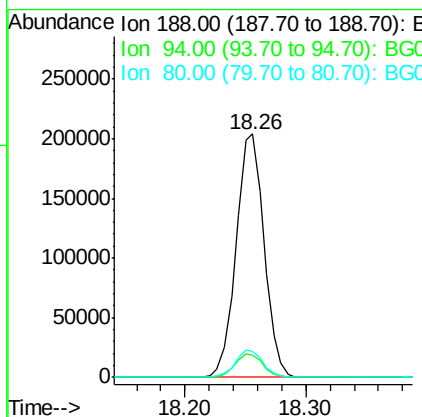
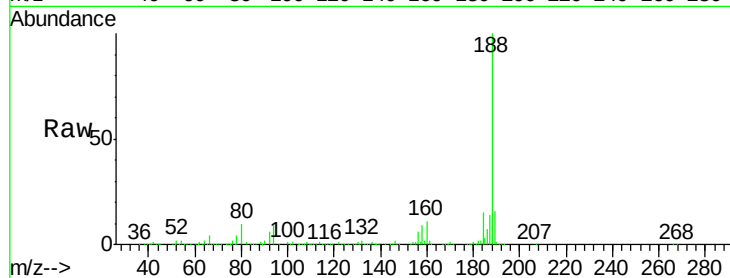
ClientSampleId :

OK-03-030818MSD

Tot Ion:	188	Resp:	328741
Ion Ratio	Lower	Upper	
188	100		
94	9.4	6.9	10.3
80	10.5	7.7	11.5

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#64

4,6-Dinitro-2-methylphenol

Concen: 39.423 ng

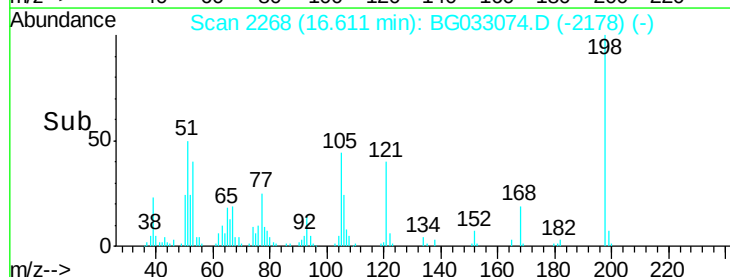
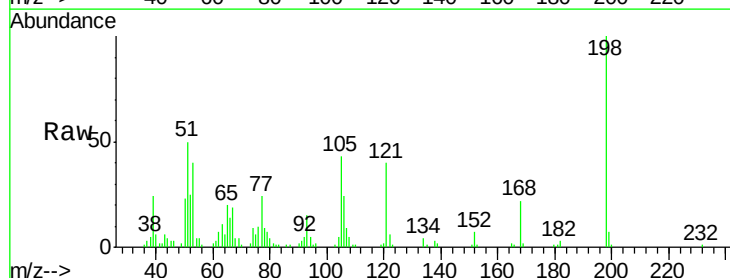
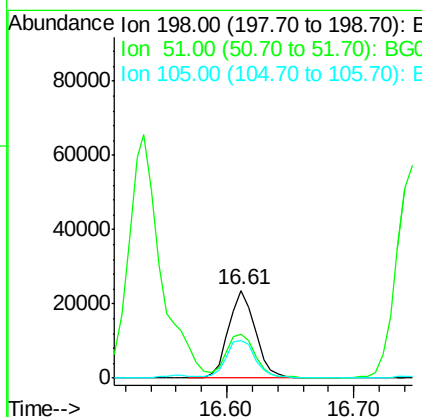
RT: 16.61 min Scan# 2268

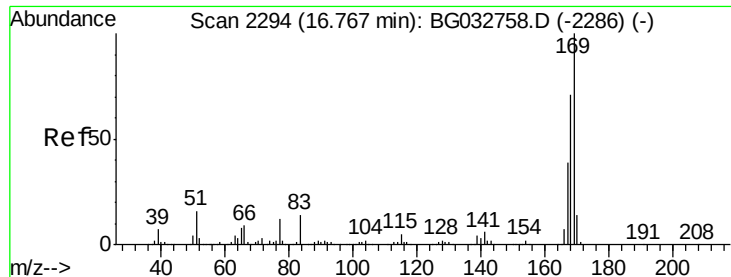
Delta R.T. 0.00 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Tgt Ion:	198	Resp:	34684
Ion Ratio	Lower	Upper	
198	100		
51	50.2	30.6	70.6
105	43.4	23.8	63.8





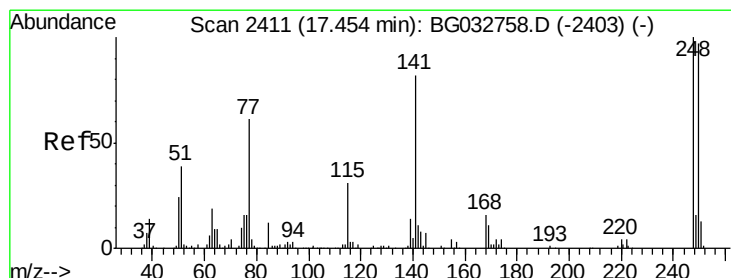
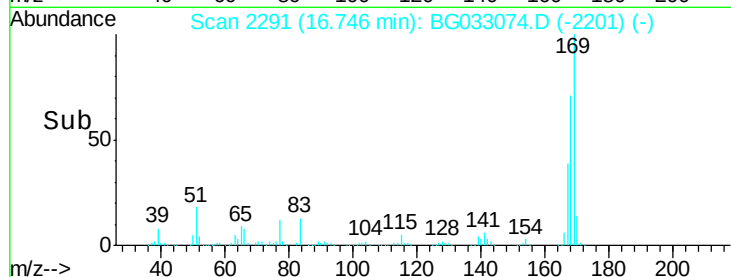
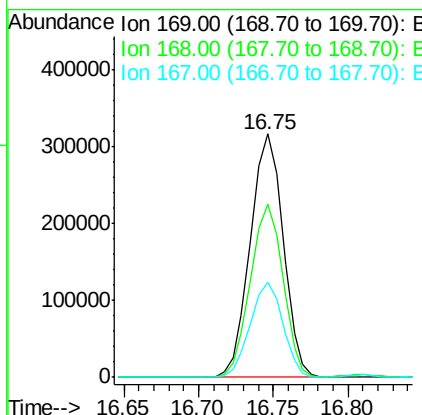
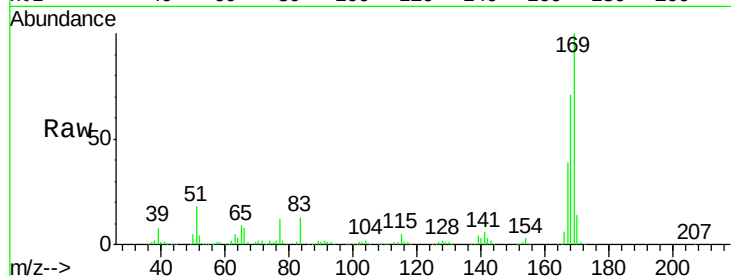
#65
 n-Nitrosodiphenylamine
 Concen: 45.117 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG033074.D
 Acq: 9 Mar 2018 16:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-030818MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	71.4	55.7	83.5
167	39.2	30.1	45.1

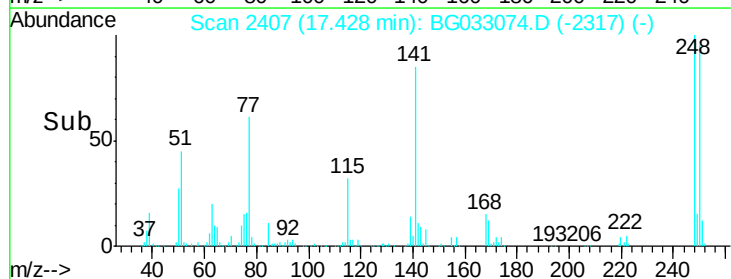
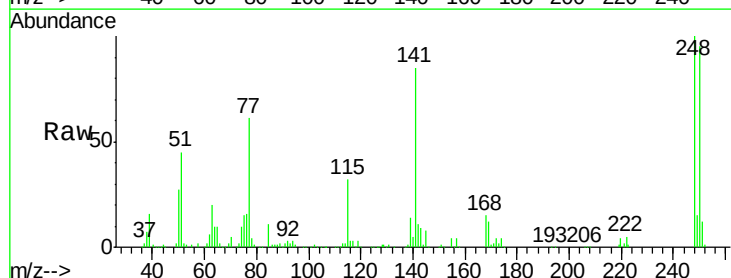
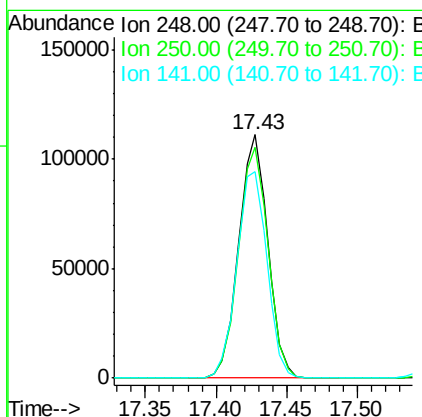
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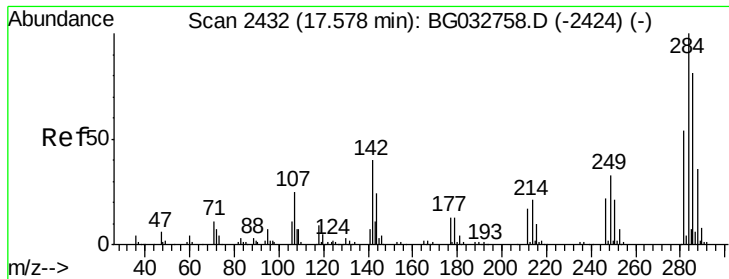
Sohil
 3/12/2018 3:51:29 PM



#66
 4-Bromophenyl-phenylether
 Concen: 46.005 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. 0.00 min
 Lab File: BG033074.D
 Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.0	77.1	115.7
141	85.0	50.8	76.2





#67

Hexachlorobenzene

Concen: 45.034 ng

RT: 17.56 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Instrument :

BNA_G

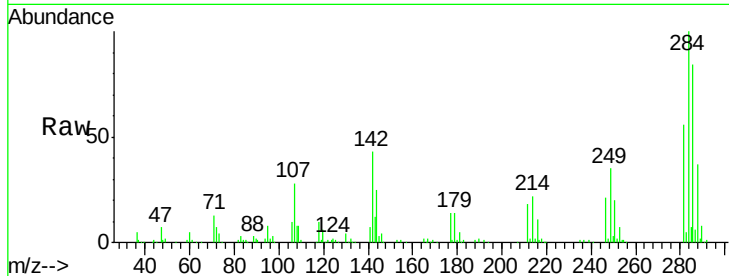
ClientSampleId :

OK-03-030818MSD

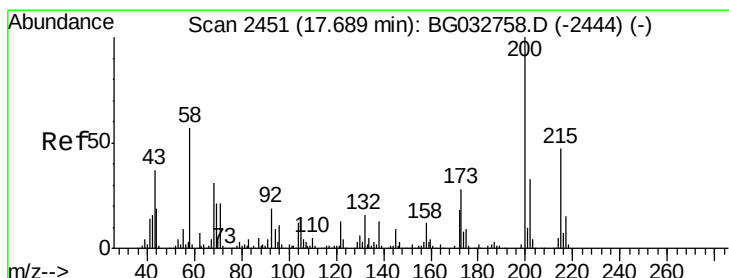
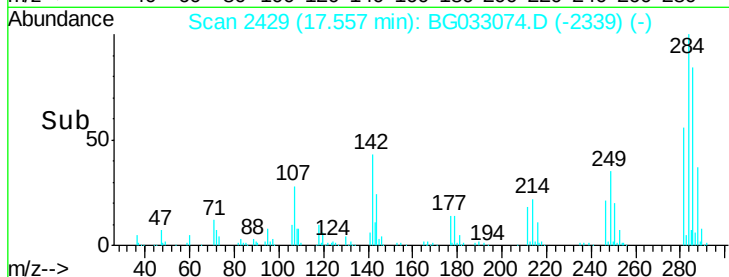
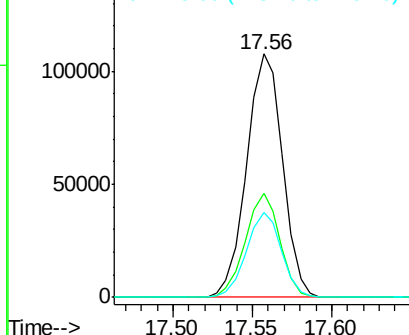
Tot Ion:	284	Resp:	169169
Ion Ratio		Lower	Upper
284	100		
142	42.8	26.8	40.2#
249	34.7	26.3	39.5

Manual Integrations
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3/12/2018 3:51:29 PM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.320 ng

RT: 17.66 min Scan# 2447

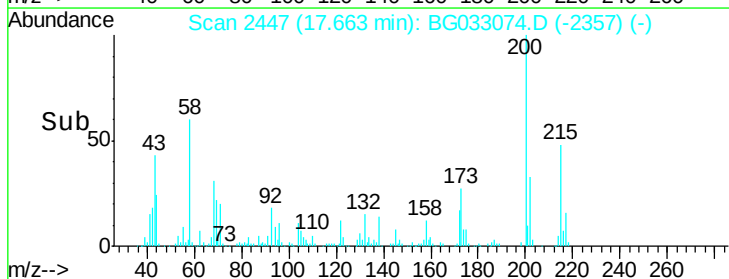
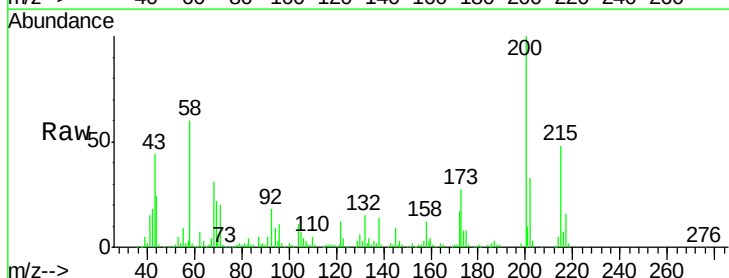
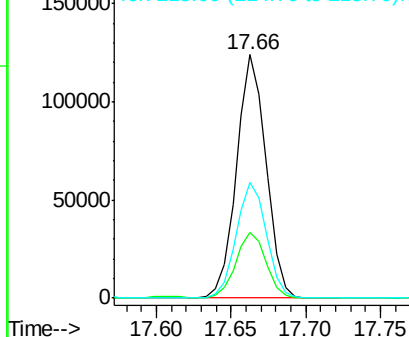
Delta R.T. 0.00 min

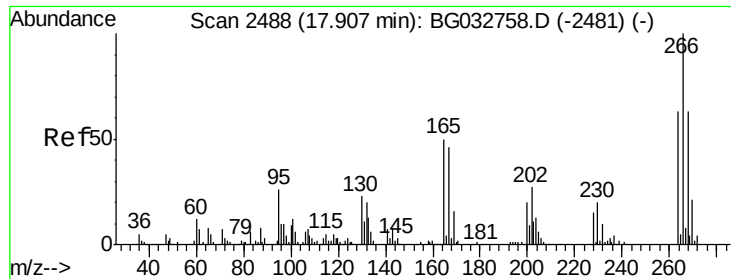
Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Tgt Ion:	200	Resp:	170097
Ion Ratio		Lower	Upper
200	100		
173	26.8	5.2	45.2
215	47.6	30.4	70.4

Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





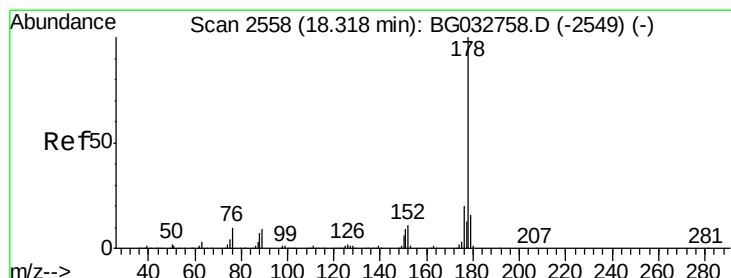
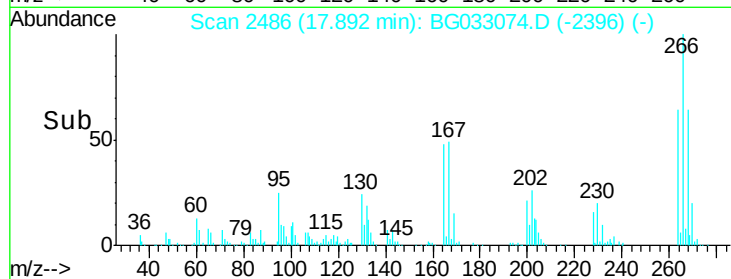
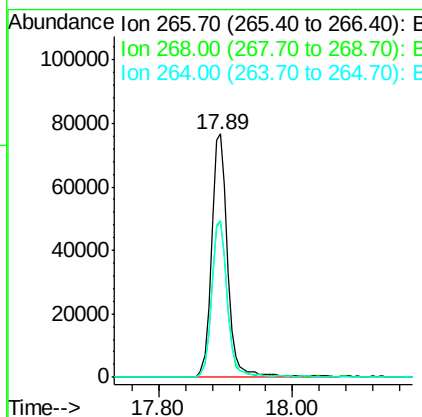
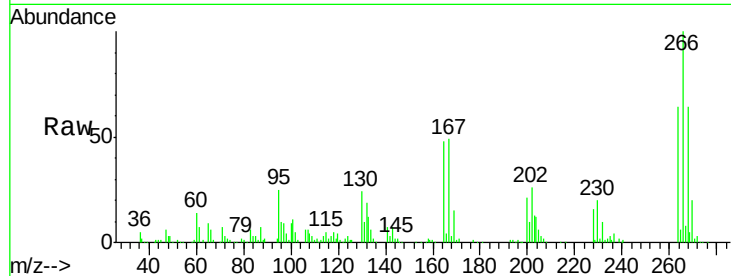
#69
 Pentachlorophenol
 Concen: 55.238 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG033074.D
 Acq: 9 Mar 2018 16:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-030818MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.1	76.7
264	64.4	49.6	74.4

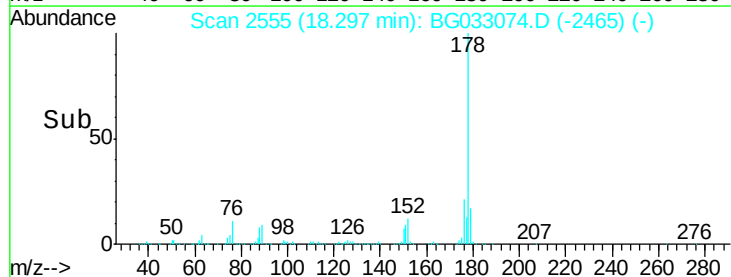
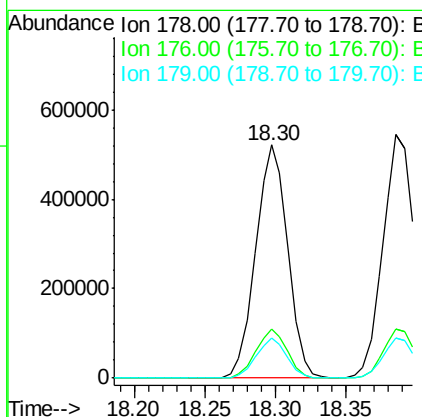
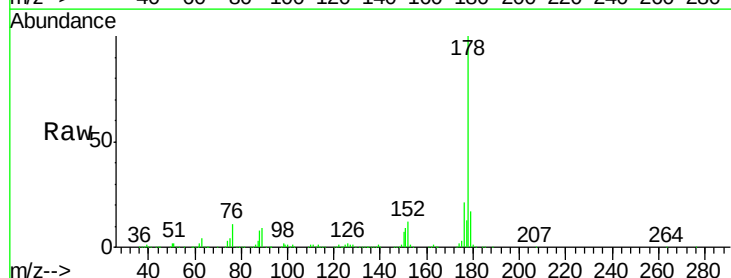
Manual Integrations
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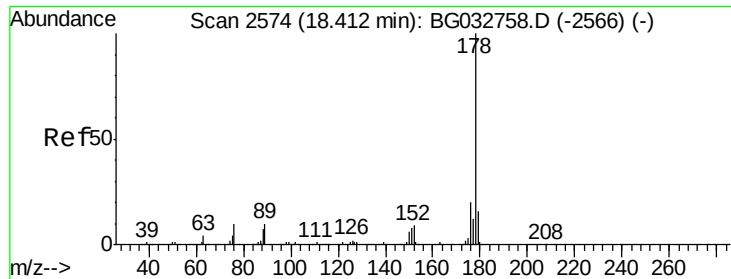
Sohil
 3/12/2018 3:51:29 PM



#70
 Phenanthrene
 Concen: 45.227 ng
 RT: 18.30 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: BG033074.D
 Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.7	23.5
179	17.0	12.5	18.7





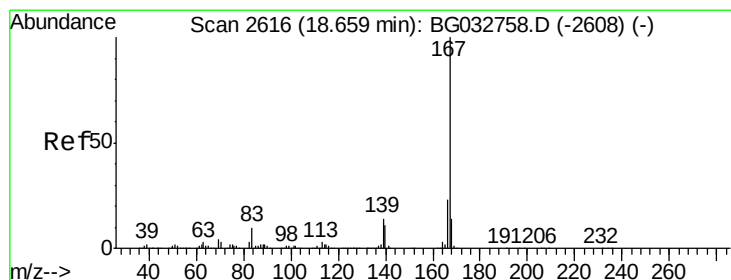
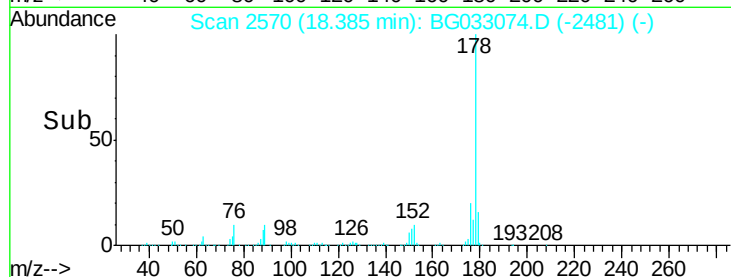
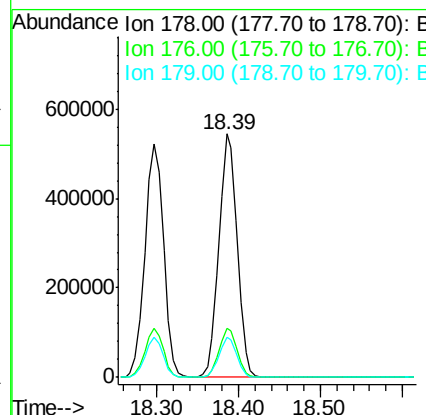
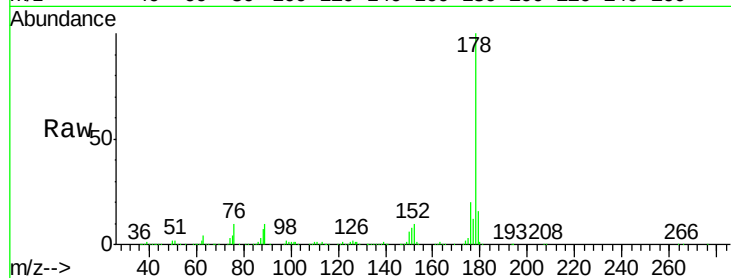
#71
 Anthracene
 Concen: 46.098 ng
 RT: 18.39 min Scan# 2570
 Delta R.T. -0.01 min
 Lab File: BG033074.D
 Acq: 9 Mar 2018 16:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-030818MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	16.5	12.5	18.7

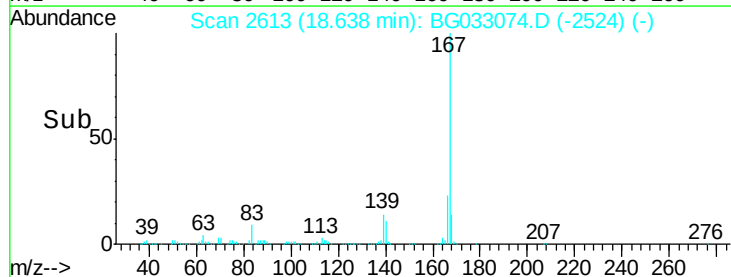
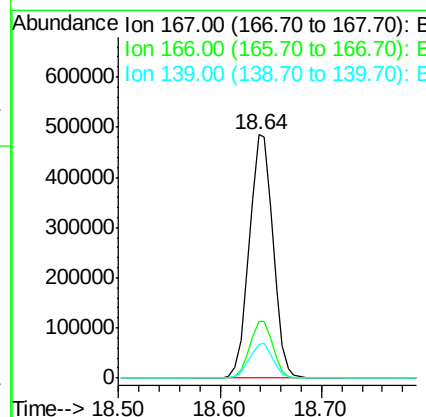
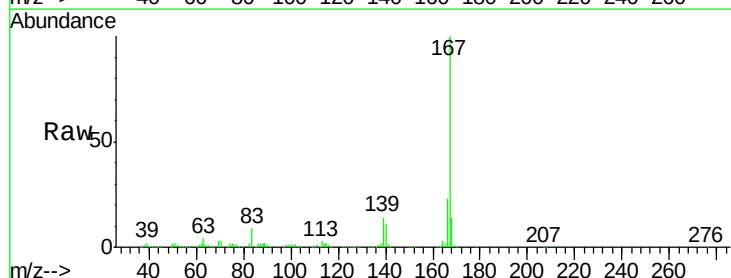
Manual Integrations
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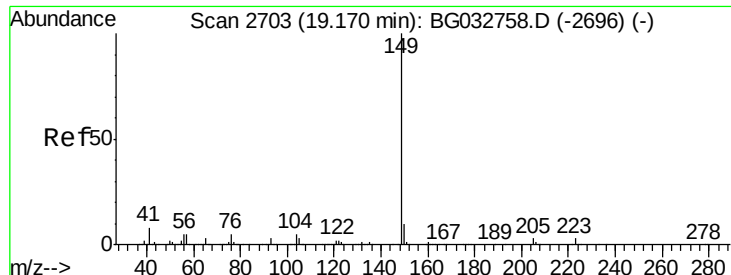
Sohil
 3/12/2018 3:51:29 PM



#72
 Carbazole
 Concen: 43.404 ng
 RT: 18.64 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG033074.D
 Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.2	27.4
139	14.0	9.4	14.2





#73

Di-n-butylphthalate

Concen: 44.329 ng

RT: 19.14 min Scan# 2698

Delta R.T. 0.00 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Instrument :

BNA_G

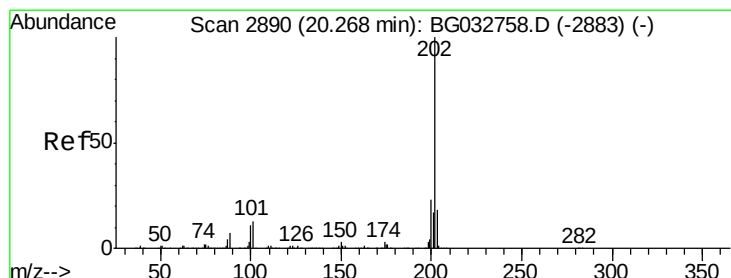
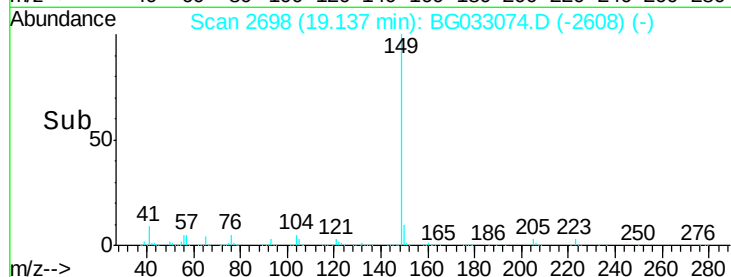
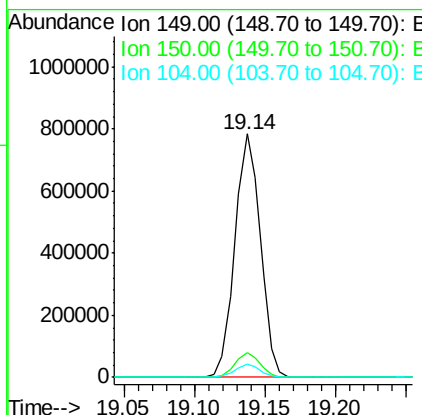
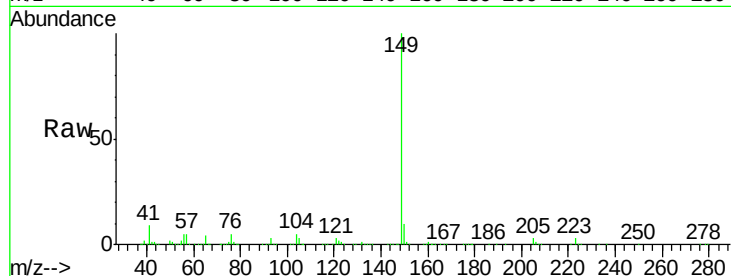
ClientSampleId :

OK-03-030818MSD

Tot Ion:	149	Resp:	986998
Ion Ratio	Lower	Upper	
149	100		
150	10.4	7.8	11.6
104	5.4	3.9	5.9

Manual Integrations
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3/12/2018 3:51:29 PM



#74

Fluoranthene

Concen: 46.169 ng

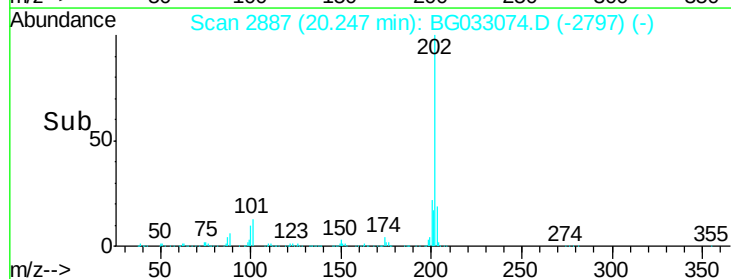
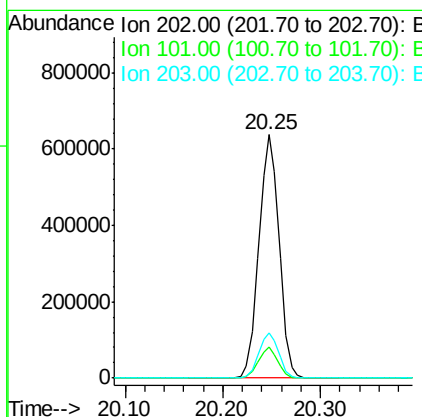
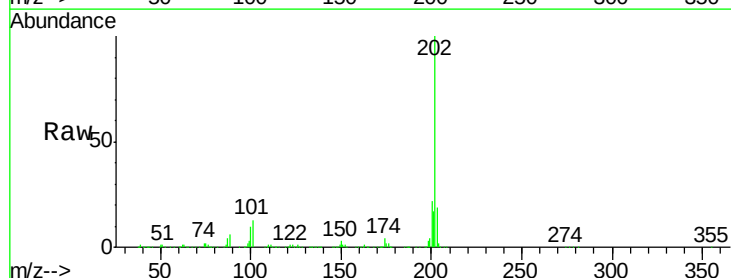
RT: 20.25 min Scan# 2887

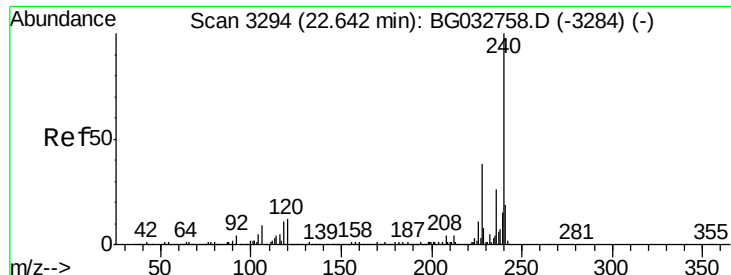
Delta R.T. 0.00 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Tgt Ion:	202	Resp:	935363
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	28.9
203	18.6	0.0	37.5





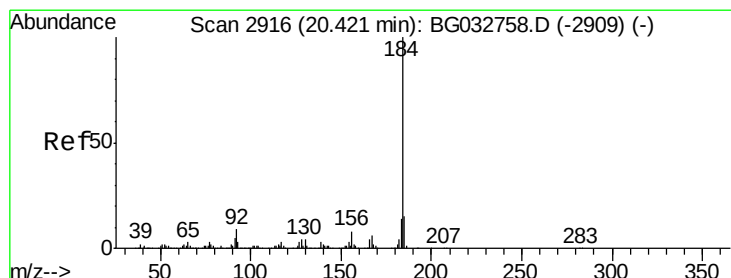
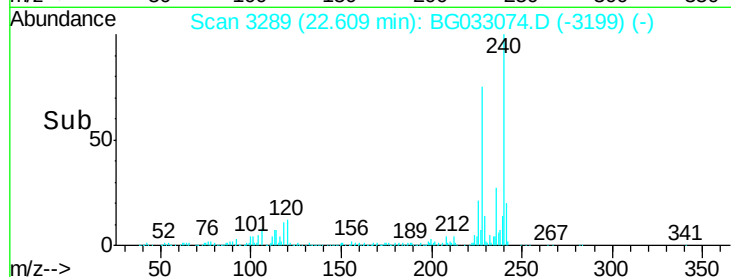
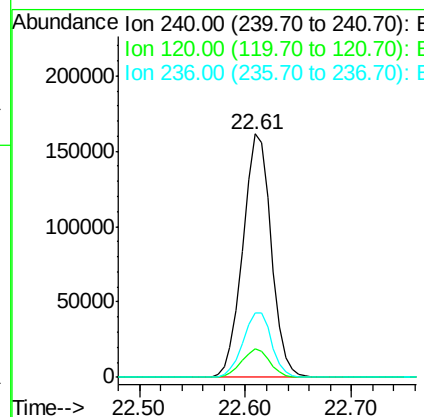
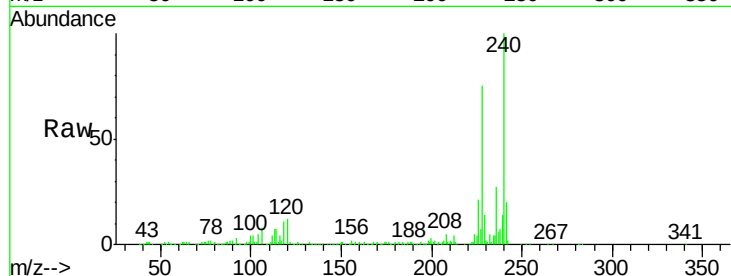
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Instrument :
BNA_G
ClientSampleId :
OK-03-030818MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	6.8	10.2#
236	26.7	20.9	31.3

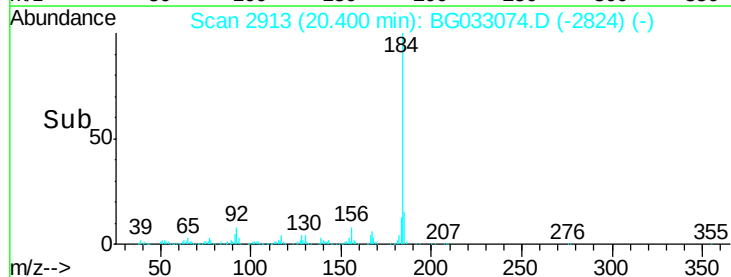
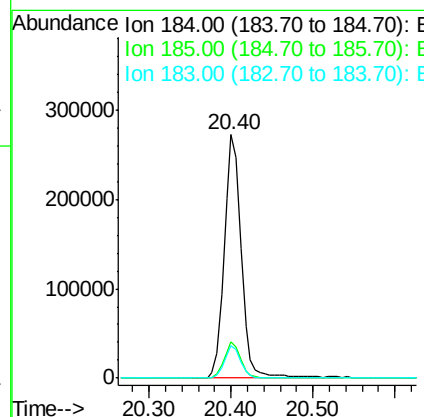
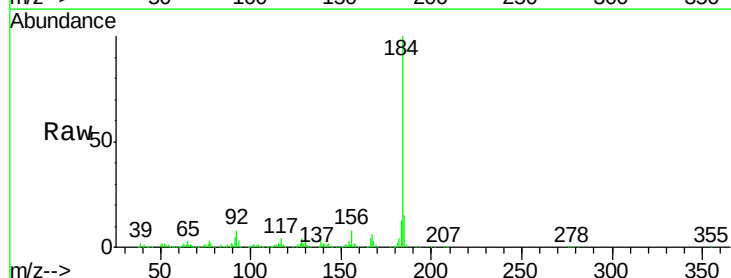
Manual Integrations
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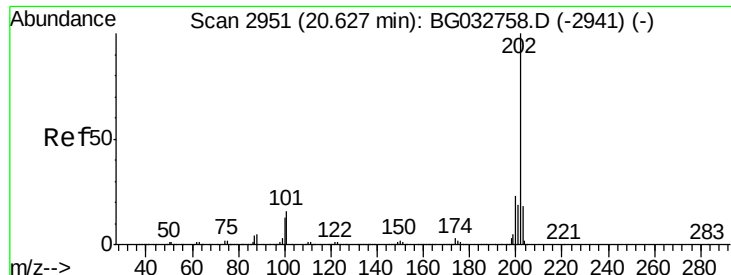
Sohil
3/12/2018 3:51:29 PM



#76
Benzidine
Concen: 38.686 ng
RT: 20.40 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.1	16.7
183	13.2	10.6	16.0





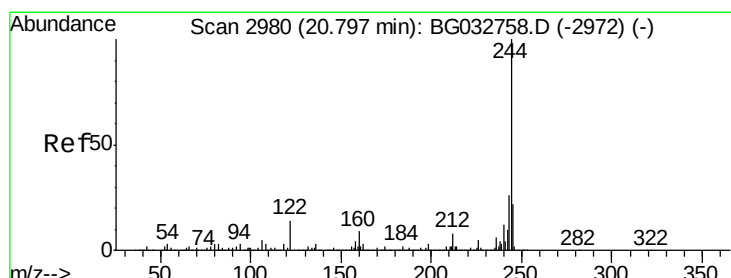
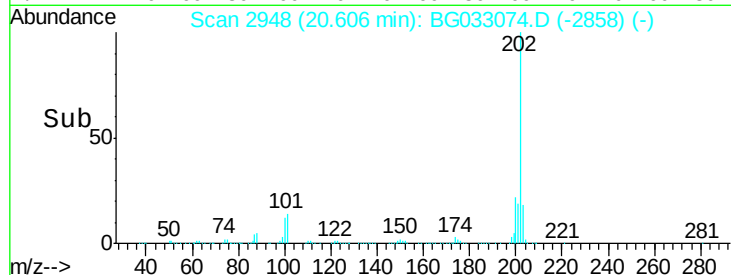
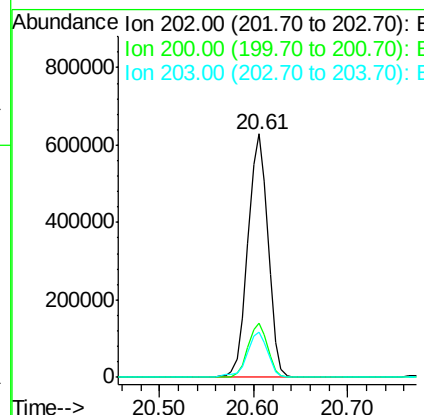
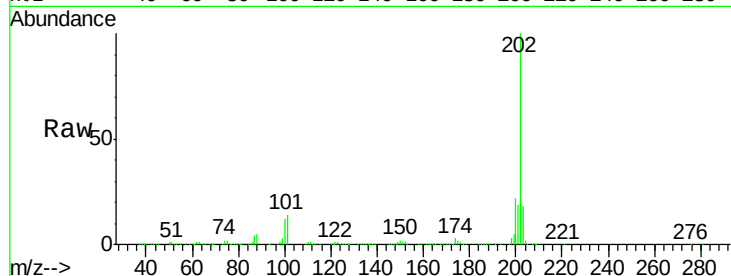
#77
Pvrene
Concen: 44.093 ng
RT: 20.61 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Instrument :
BNA_G
ClientSampleId :
OK-03-030818MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.3	16.9	25.3
203	18.5	13.9	20.9

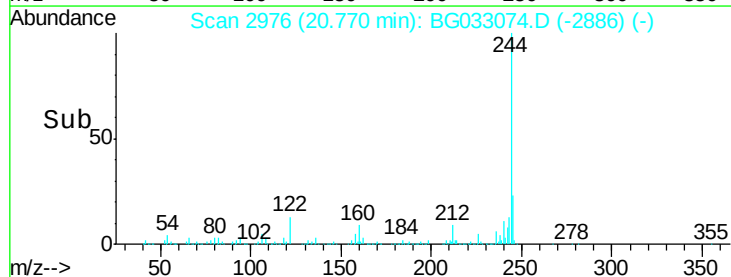
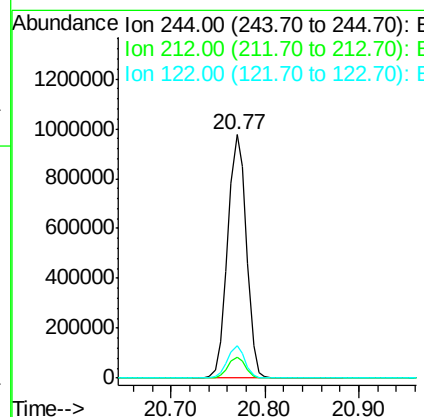
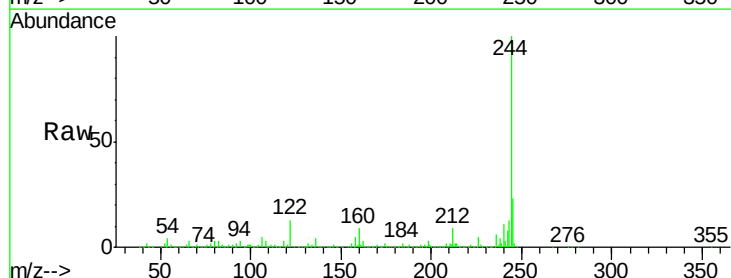
Manual Integrations
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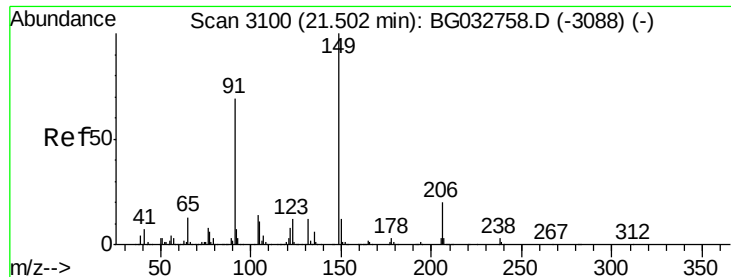
Sohil
3/12/2018 3:51:29 PM



#78
Terphenyl-d14
Concen: 101.605 ng
RT: 20.77 min Scan# 2976
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	13.2	7.0	10.4#





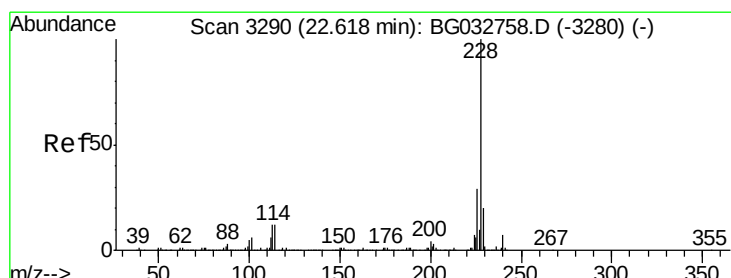
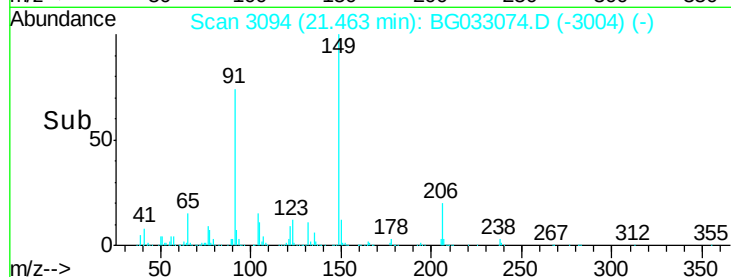
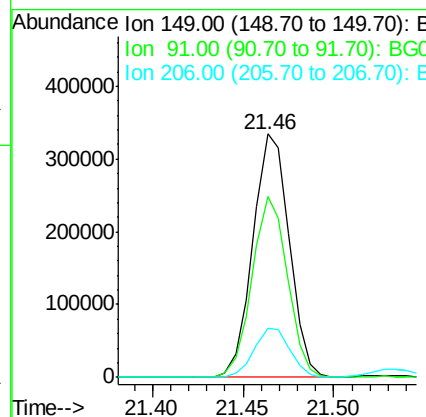
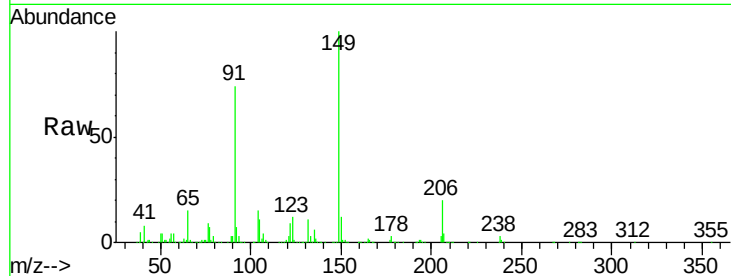
#79
Butylbenzylphthalate
Concen: 49.679 ng
RT: 21.46 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Instrument :
BNA_G
ClientSampleId :
OK-03-030818MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.3	62.2	93.2
206	20.3	18.6	27.8

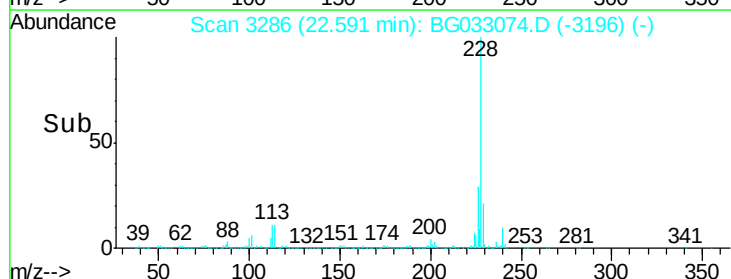
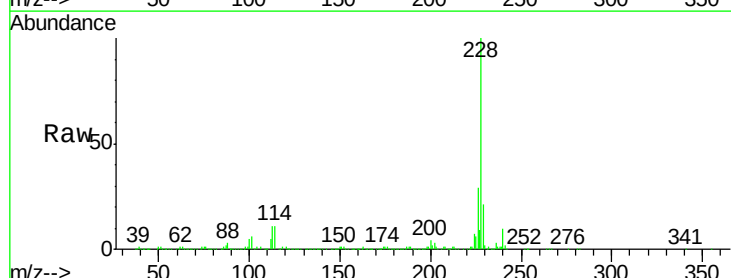
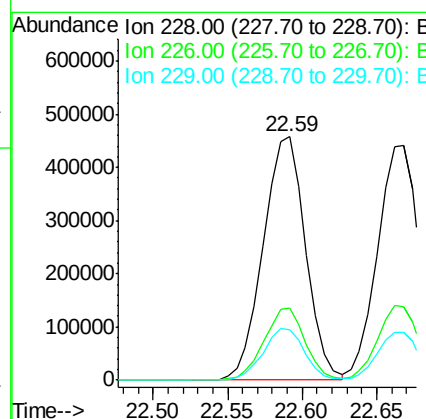
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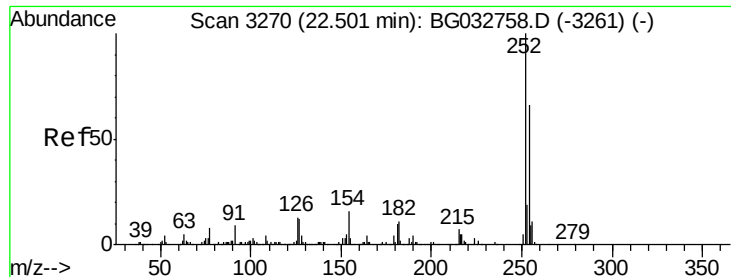
Sohil
3/12/2018 3:51:29 PM



#80
Benzo(a)anthracene
Concen: 46.718 ng
RT: 22.59 min Scan# 3286
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.7	34.1
229	20.8	16.2	24.2





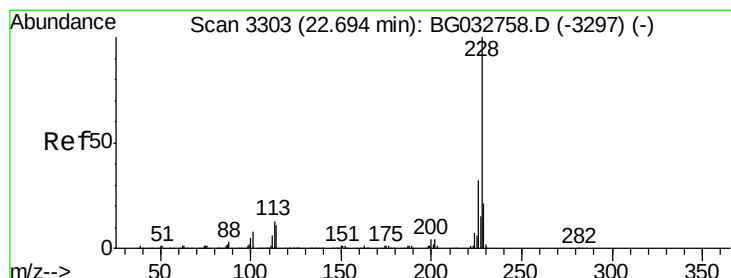
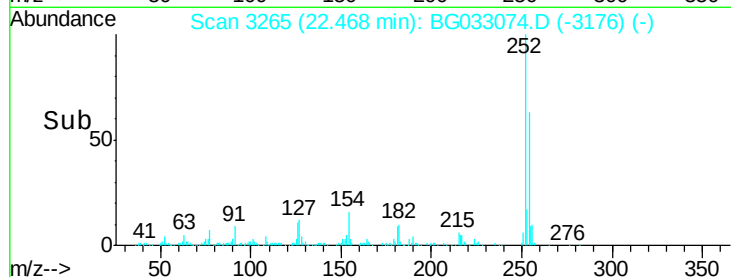
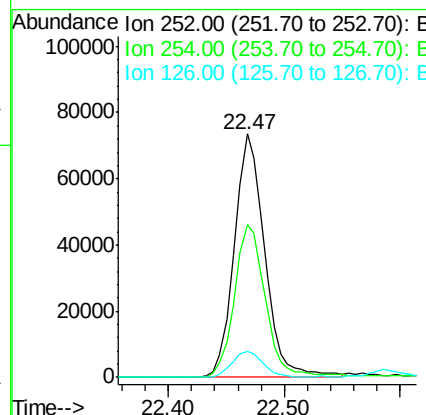
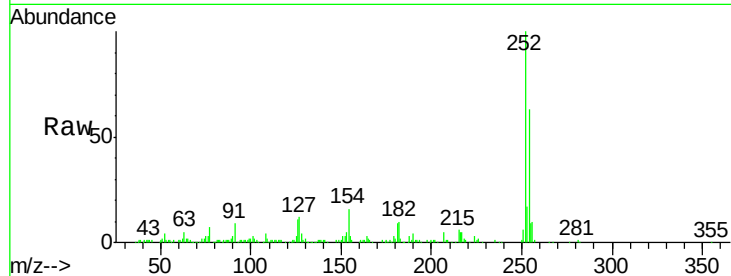
#81
 3,3'-Dichlorobenzidine
 Concen: 18.827 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. -0.01 min
 Lab File: BG033074.D
 Acq: 9 Mar 2018 16:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-030818MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	50.8	76.2
126	10.6	7.4	11.2

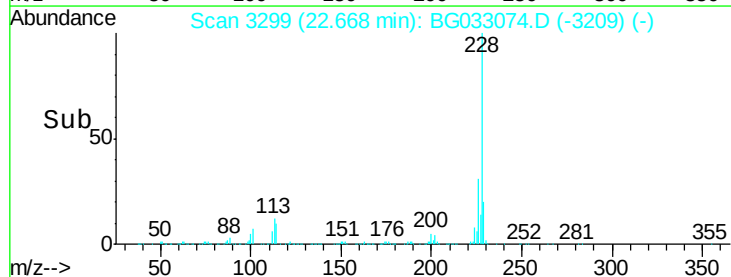
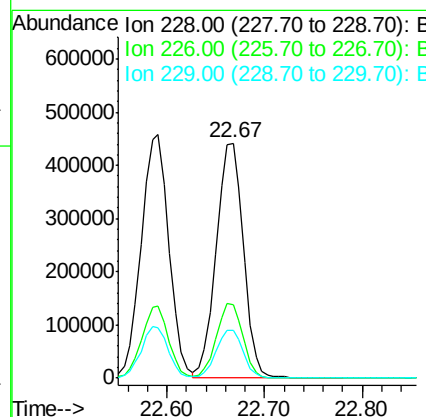
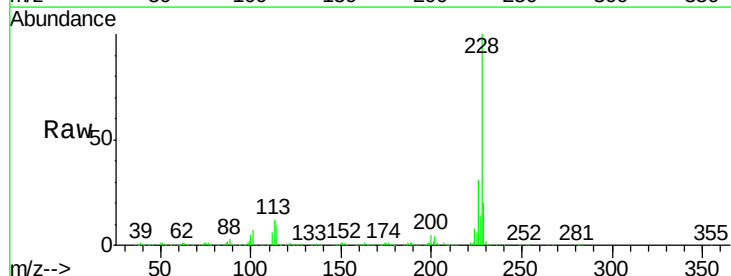
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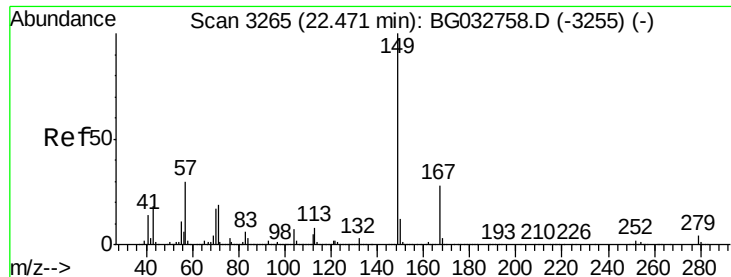
Sohil
 3/12/2018 3:51:29 PM



#82
 Chrysene
 Concen: 46.100 ng
 RT: 22.67 min Scan# 3299
 Delta R.T. 0.00 min
 Lab File: BG033074.D
 Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.4	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.534 ng

RT: 22.41 min Scan# 3255

Delta R.T. -0.01 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Instrument :

BNA_G

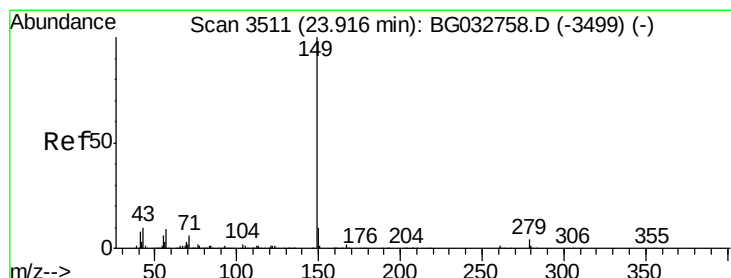
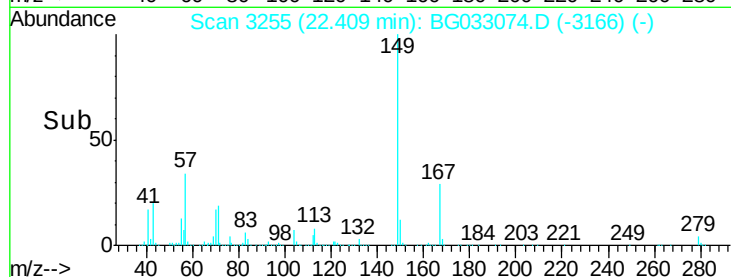
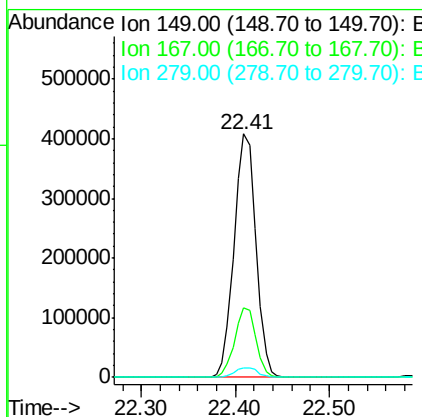
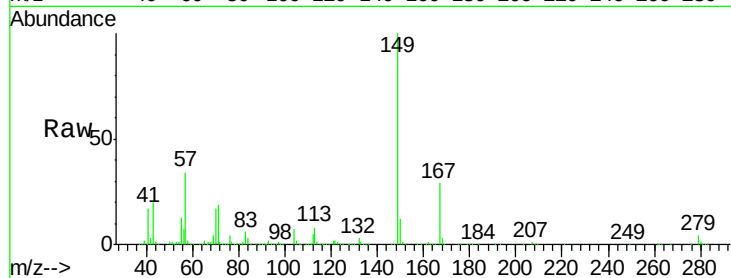
ClientSampleId :

OK-03-030818MSD

Tot Ion:	149	Resp:	660694
Ion Ratio		Lower	Upper
149	100		
167	28.6	24.3	36.5
279	4.1	4.0	6.0

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 53.646 ng

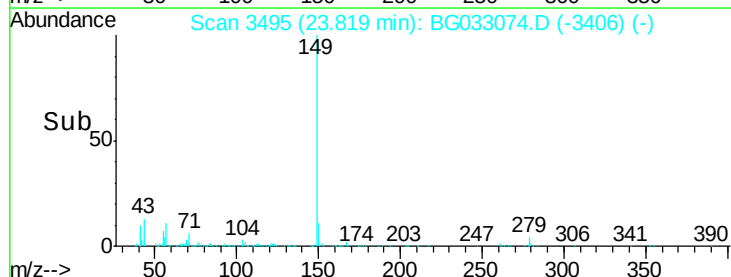
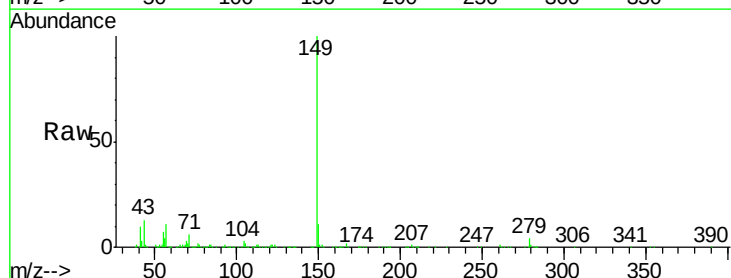
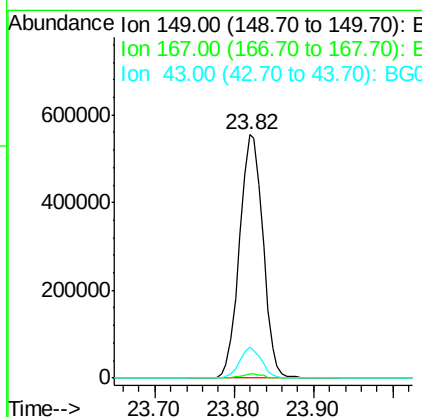
RT: 23.82 min Scan# 3495

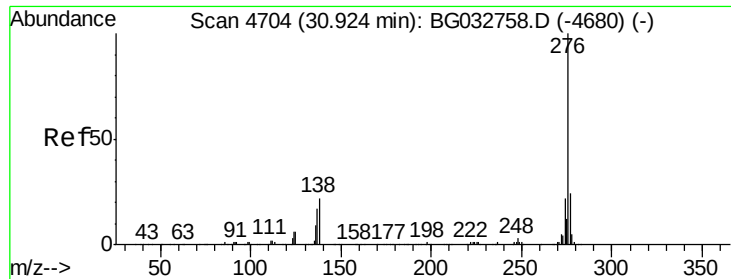
Delta R.T. -0.01 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Tgt Ion:	149	Resp:	1136553
Ion Ratio		Lower	Upper
149	100		
167	1.7	1.4	2.0
43	11.7	8.9	13.3





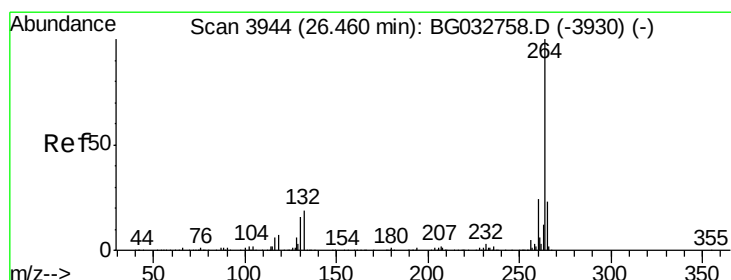
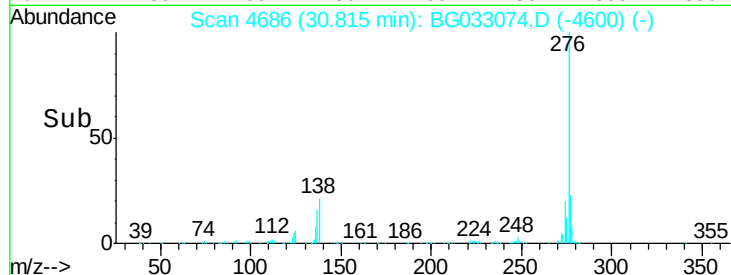
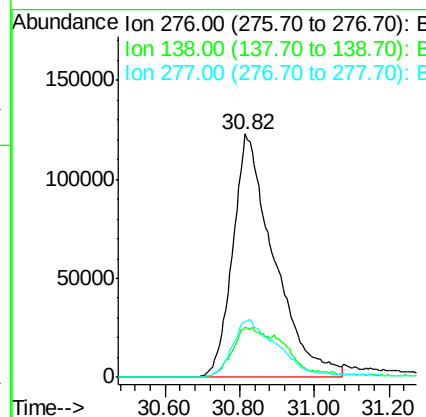
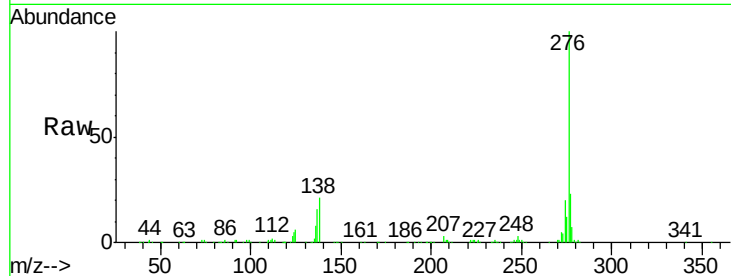
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.943 ng
 RT: 30.82 min Scan# 4686
 Delta R.T. -0.02 min
 Lab File: BG033074.D
 Acq: 9 Mar 2018 16:14

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-030818MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.6	16.0	24.0
277	26.1	20.0	30.0

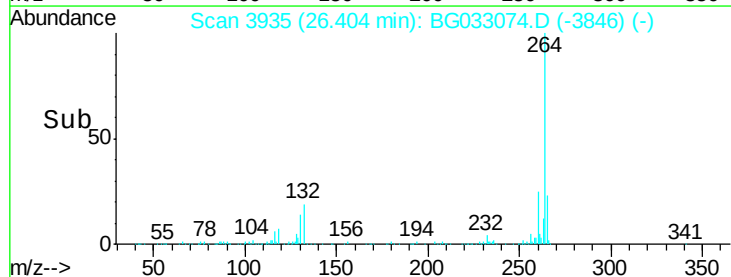
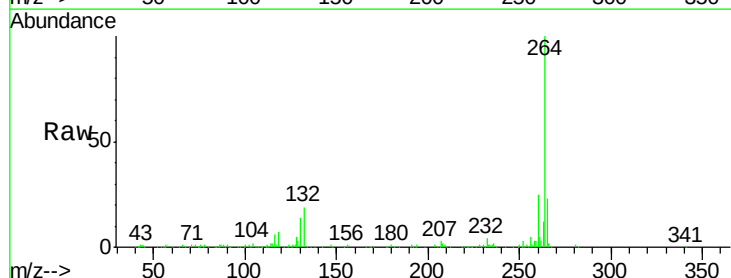
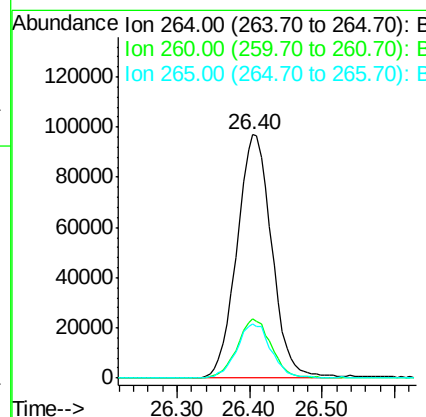
Manual Integrations
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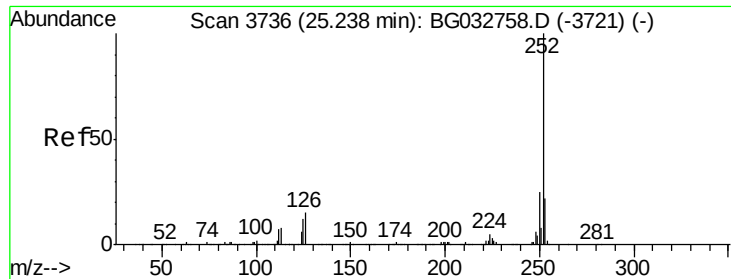
Sohil
 3/12/2018 3:51:29 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.40 min Scan# 3935
 Delta R.T. -0.01 min
 Lab File: BG033074.D
 Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	22.5	17.7	26.5





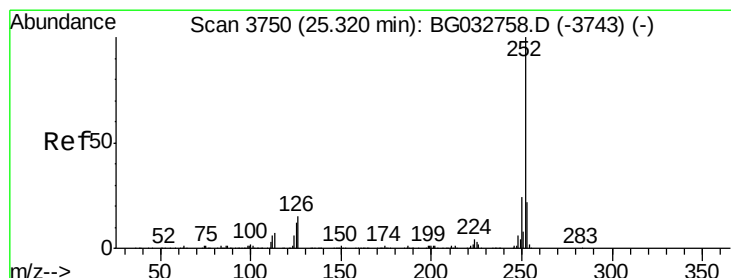
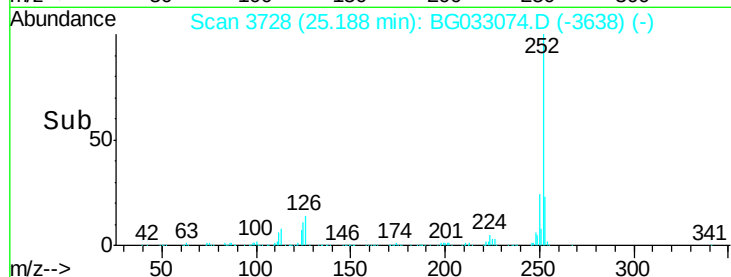
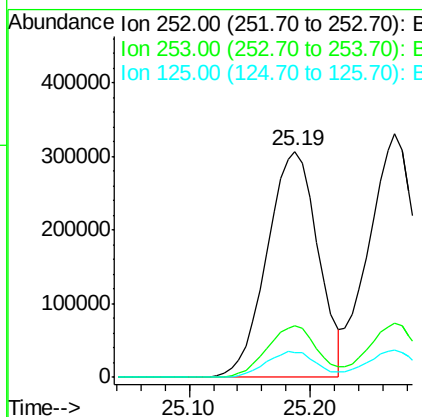
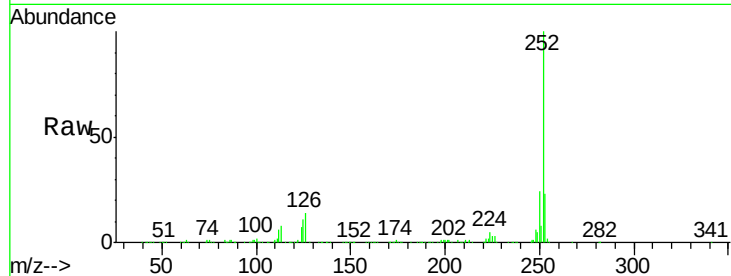
#87
Benzo(b)fluoranthene
Concen: 46.884 ng
RT: 25.19 min Scan# 3728
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Instrument :
BNA_G
ClientSampleId :
OK-03-030818MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	11.2	7.2	10.8

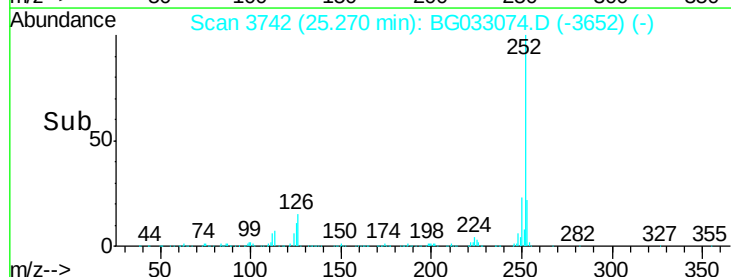
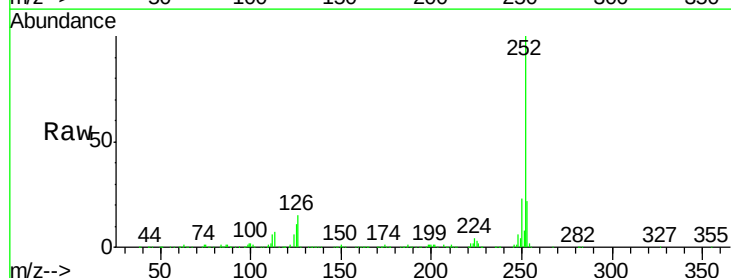
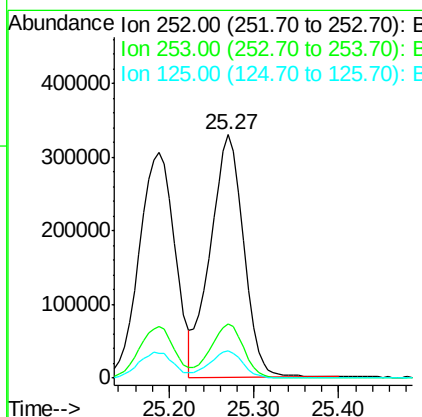
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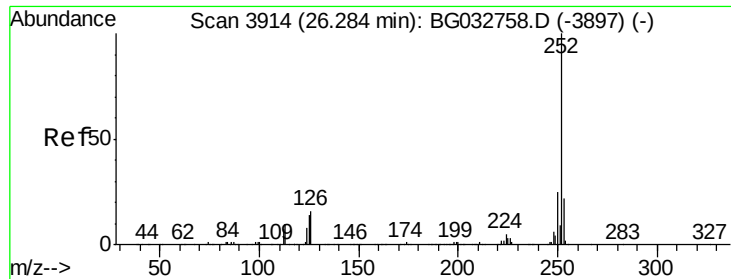
Sohil
3/12/2018 3:51:29 PM



#88
Benzo(k)fluoranthene
Concen: 47.535 ng
RT: 25.27 min Scan# 3742
Delta R.T. 0.00 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	11.2	6.6	9.8





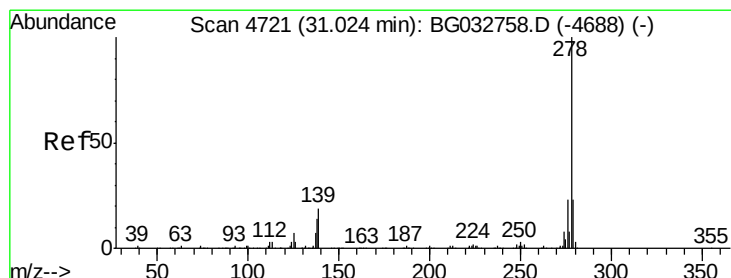
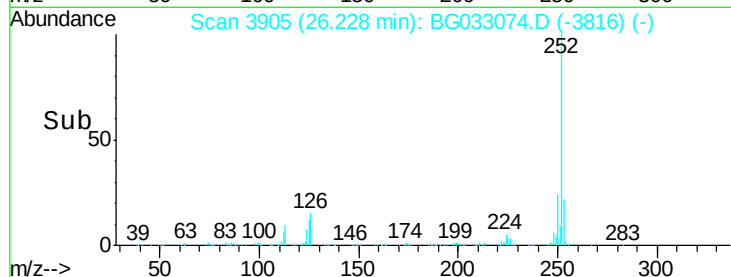
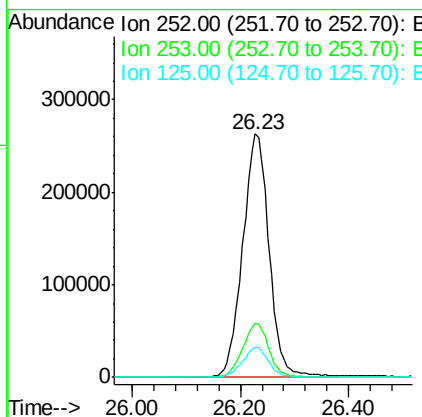
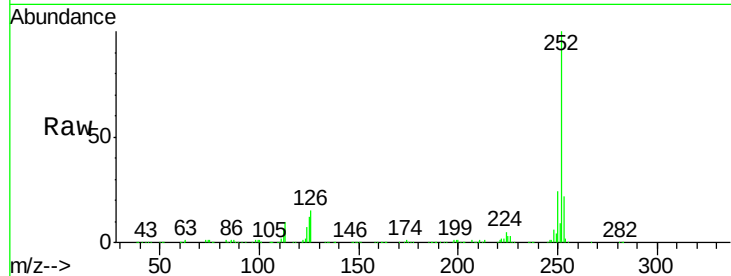
#89
Benzo(a)pyrene
Concen: 48.535 ng
RT: 26.23 min Scan# 3905
Delta R.T. -0.01 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Instrument :
BNA_G
ClientSampleId :
OK-03-030818MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.3	27.5
125	12.0	7.3	10.9

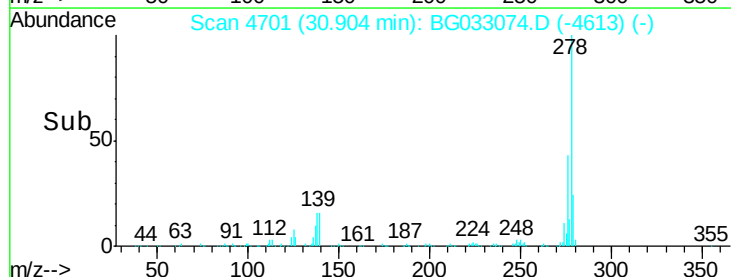
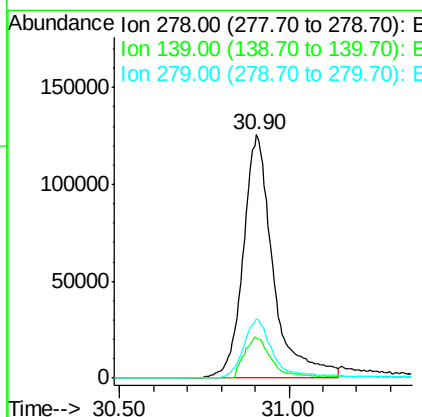
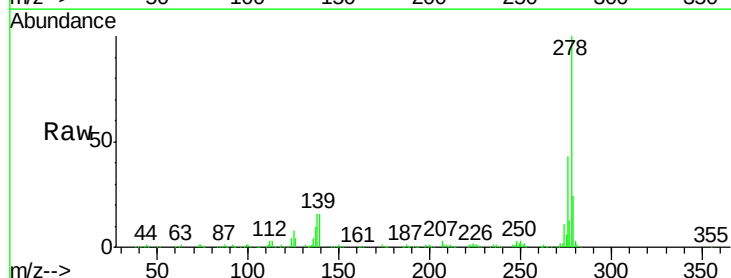
Manual Integrations
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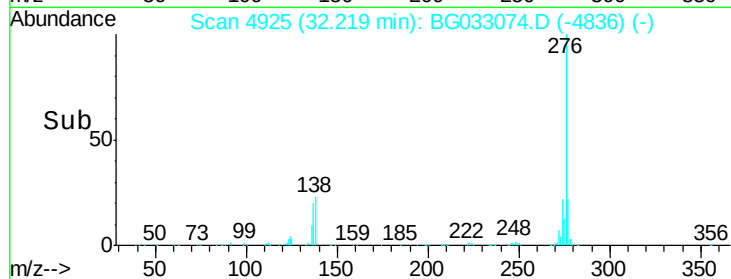
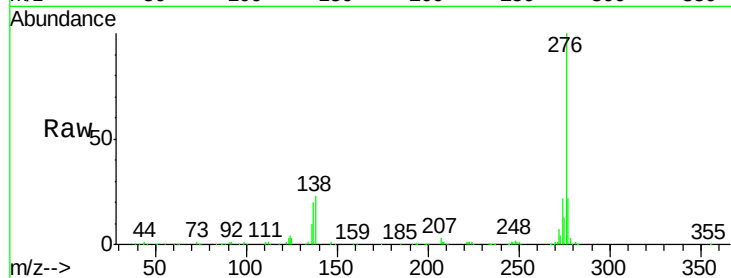
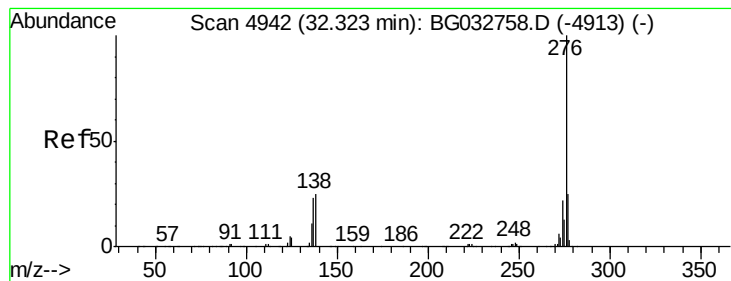
Sohil
3/12/2018 3:51:29 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.314 ng
RT: 30.90 min Scan# 4701
Delta R.T. -0.01 min
Lab File: BG033074.D
Acq: 9 Mar 2018 16:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	9.8	14.6
279	24.3	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 43.281 ng

RT: 32.22 min Scan# 4925

Delta R.T. -0.01 min

Lab File: BG033074.D

Acq: 9 Mar 2018 16:14

Instrument :

BNA_G

ClientSampleId :

OK-03-030818MSD

Tot Ion:	276	Resp:	781770
Ion Ratio	Lower	Upper	
276	100		
277	22.5	18.3	27.5
138	23.1	13.9	20.9

Manual Integrations
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Sohil
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