

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
 Data File : BG033112.D
 Acq On : 13 Mar 2018 6:00
 Operator : SJ/JU
 Sample : PB107261BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107261BS

Manual Integrations
 APPROVED

Sohil
 3/13/2018 4:20:41 PM

Quant Time: Mar 13 08:52:04 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	39015	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	175480	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	105307	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	245381	20.00	ng	0.00
75) Chrysene-d12	22.61	240	238847	20.00	ng	0.00
86) Perylene-d12	26.41	264	260397	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.32	112	312088	127.98	ng	0.00
7) Phenol-d6	8.01	99	420867	123.82	ng	0.00
23) Nitrobenzene-d5	10.11	82	252470	98.11	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	170432	153.92	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	575075	78.76	ng	0.00
78) Terphenyl-d14	20.77	244	901452	84.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.95	88	35367	33.417	ng	98
3) Pyridine	4.42	79	100310	34.387	ng	92
4) n-Nitrosodimethylamine	4.32	42	60990	52.149	ng	# 79
6) Aniline	8.20	93	48486	10.538	ng	98
8) 2-Chlorophenol	8.45	128	114831	43.020	ng	97
9) Benzaldehyde	8.01	77	58784	30.006	ng	96
10) Phenol	8.04	94	152904	44.623	ng	97
11) bis(2-Chloroethyl)ether	8.29	93	101876	36.360	ng	99
12) 1,3-Dichlorobenzene	8.79	146	114807	36.722	ng	98
13) 1,4-Dichlorobenzene	8.95	146	117767	37.422	ng	96
14) 1,2-Dichlorobenzene	9.28	146	109470	36.301	ng	97
15) Benzyl Alcohol	9.14	79	105111	42.063	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.43	45	205636	42.692	ng	99
17) 2-Methylphenol	9.34	107	103340	40.899	ng	97
18) Hexachloroethane	10.04	117	42127	39.316	ng	# 84
19) n-Nitroso-di-n-propylamine	9.72	70	90098	37.545	ng	# 90
20) 3+4-Methylphenols	9.67	107	140750	40.063	ng	93
22) Acetophenone	9.75	105	166705	37.616	ng	# 98
24) Nitrobenzene	10.15	77	129426	46.482	ng	93
25) Isophorone	10.67	82	244904	39.762	ng	97
26) 2-Nitrophenol	10.88	139	59198	56.358	ng	98
27) 2,4-Dimethylphenol	10.90	122	124673	46.595	ng	91
28) bis(2-Chloroethoxy)methane	11.15	93	143349	39.951	ng	96
29) 2,4-Dichlorophenol	11.42	162	112671	46.397	ng	97
30) 1,2,4-Trichlorobenzene	11.65	180	105605	37.099	ng	98
31) Naphthalene	11.84	128	355992	38.824	ng	99
32) Benzoic acid	11.00	122	67434	42.684	ng	# 87
33) 4-Chloroaniline	11.93	127	44393	10.828	ng	97
34) Hexachlorobutadiene	12.11	225	61147	38.296	ng	96
35) Caprolactam	12.68	113	44173	45.429	ng	97
36) 4-Chloro-3-methylphenol	12.99	107	140284	49.641	ng	97
37) 2-Methylnaphthalene	13.39	142	263337	39.696	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	118758	37.990	ng	# 97
40) Hexachlorocyclopentadiene	13.72	237	144016	90.397	ng	91

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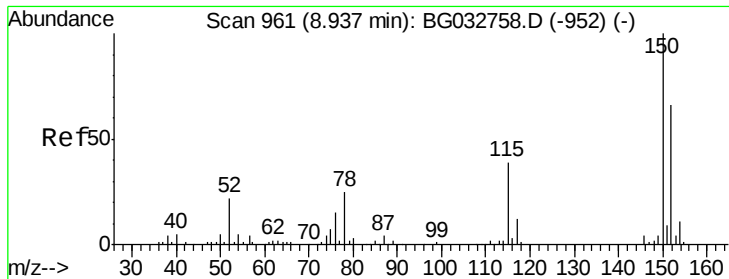
Manual Integrations
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 3/13/2018 4:20:41 PM

Quant Time: Mar 13 08:52:04 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	89839	45.571	nq	97
43) 2,4,5-Trichlorophenol	14.04	196	99193	43.474	nq	# 95
45) 1,1'-Biphenyl	14.36	154	336570	36.575	nq	97
46) 2-Chloronaphthalene	14.42	162	256989	37.386	nq	94
47) 2-Nitroaniline	14.60	65	96363	54.032	nq	93
48) Acenaphthylene	15.26	152	430569	38.258	nq	99
49) Dimethylphthalate	14.95	163	348777	39.006	nq	100
50) 2,6-Dinitrotoluene	15.08	165	76165	50.822	nq	96
51) Acenaphthene	15.59	154	290452	41.440	nq	100
52) 3-Nitroaniline	15.41	138	35680	23.968	nq	# 88
53) 2,4-Dinitrophenol	15.61	184	53621	103.230	nq	96
54) Dibenzofuran	15.91	168	407230	40.805	nq	93
55) 4-Nitrophenol	15.68	139	117817	80.422	nq	91
56) 2,4-Dinitrotoluene	15.86	165	109679	59.428	nq	# 88
57) Fluorene	16.56	166	331154	40.203	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	89358m	50.442	nq	
59) Diethylphthalate	16.28	149	377360	40.013	nq	96
60) 4-Chlorophenyl-phenylether	16.53	204	165334	41.031	nq	91
61) 4-Nitroaniline	16.56	138	72438	38.590	nq	92
62) Azobenzene	16.82	77	350922	41.593	nq	97
64) 4,6-Dinitro-2-methylphenol	16.61	198	46018	58.940	nq	92
65) n-Nitrosodiphenylamine	16.74	169	305190	38.232	nq	99
66) 4-Bromophenyl-phenylether	17.42	248	105263	40.569	nq	# 88
67) Hexachlorobenzene	17.55	284	111706	39.839	nq	94
68) Atrazine	17.66	200	109149	41.540	nq	97
69) Pentachlorophenol	17.89	266	136532	77.305	nq	98
70) Phenanthrene	18.29	178	545288	39.832	nq	99
71) Anthracene	18.39	178	550599	40.061	nq	99
72) Carbazole	18.64	167	504464	37.238	nq	98
73) Di-n-butylphthalate	19.13	149	639209	38.462	nq	99
74) Fluoranthene	20.24	202	612623	40.512	nq	95
76) Benzidine	20.40	184	75523	9.276	nq	100
77) Pyrene	20.60	202	620049	36.812	nq	98
79) Butylbenzylphthalate	21.46	149	300892	40.291	nq	94
80) Benzo(a)anthracene	22.59	228	606193	39.579	nq	100
81) 3,3'-Dichlorobenzidine	22.47	252	75738	13.352	nq	# 98
82) Chrysene	22.66	228	572136	39.105	nq	98
83) Bis(2-ethylhexyl)phthalate	22.41	149	428811	38.792	nq	95
84) Di-n-octyl phthalate	23.82	149	742016	44.038	nq	99
85) Indeno(1,2,3-cd)pyrene	30.82	276	639981	37.507	nq	# 95
87) Benzo(b)fluoranthene	25.18	252	612409	39.776	nq	97
88) Benzo(k)fluoranthene	25.27	252	608483	39.766	nq	# 98
89) Benzo(a)pyrene	26.23	252	591686	40.404	nq	# 97
90) Dibenzo(a,h)anthracene	30.90	278	513164	34.814	nq	96
91) Benzo(g,h,i)perylene	32.21	276	543682	37.416	nq	# 93

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



#1

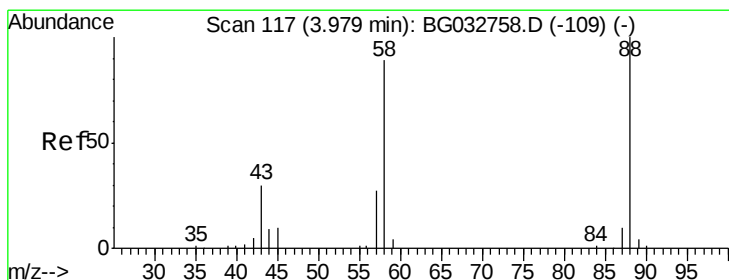
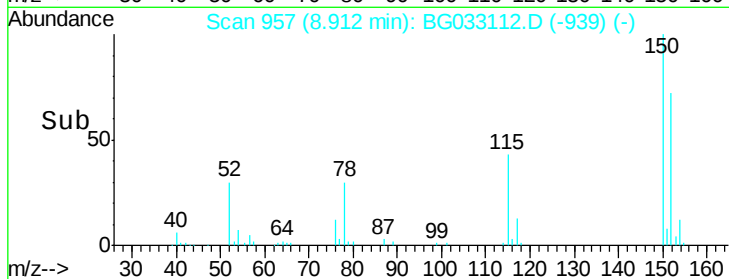
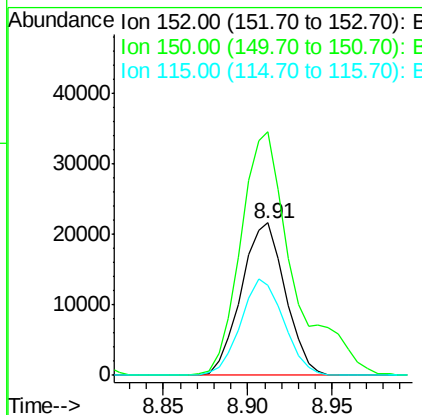
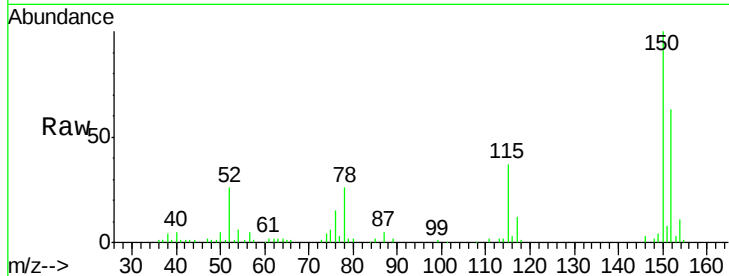
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Instrument :
BNA_G
ClientSampleId :
PB107261BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.6	189.8
115	59.3	53.0	79.4

Manual Integrations
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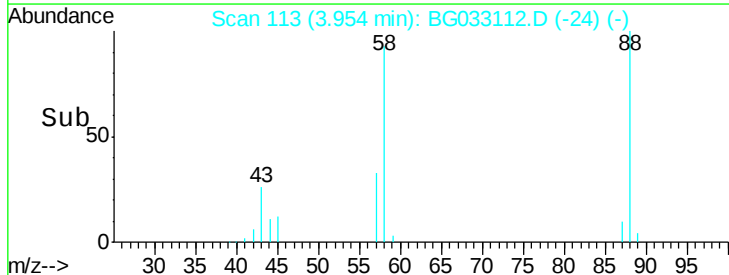
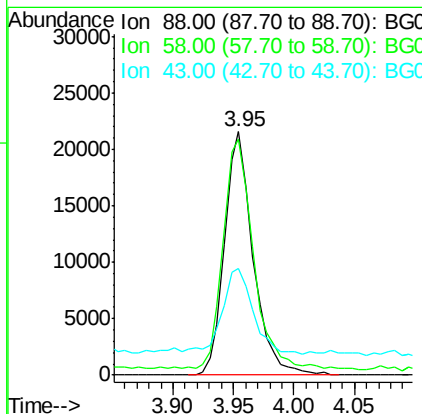
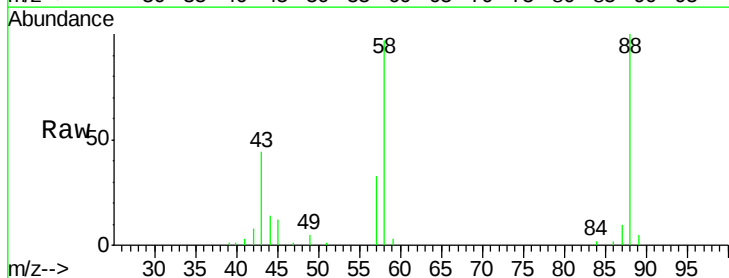
Sohil
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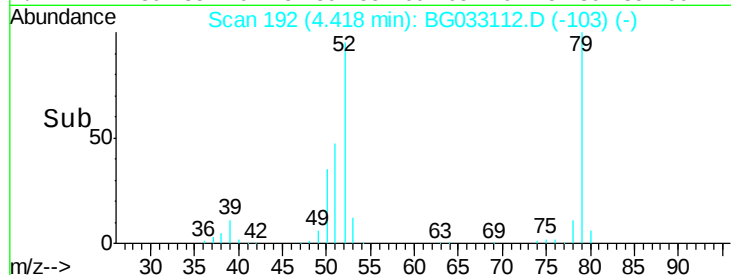
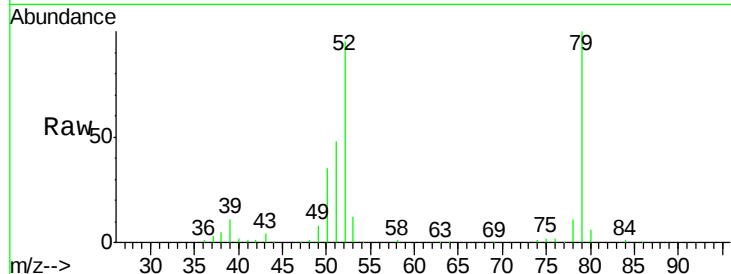
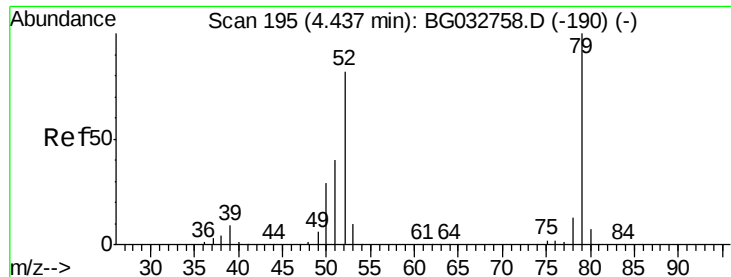


#2

1,4-Dioxane
Concen: 33.417 ng
RT: 3.95 min Scan# 113
Delta R.T. -0.01 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.2	79.6	119.4
43	37.0	27.4	41.0





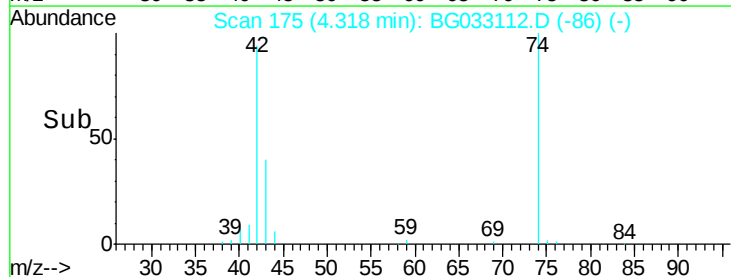
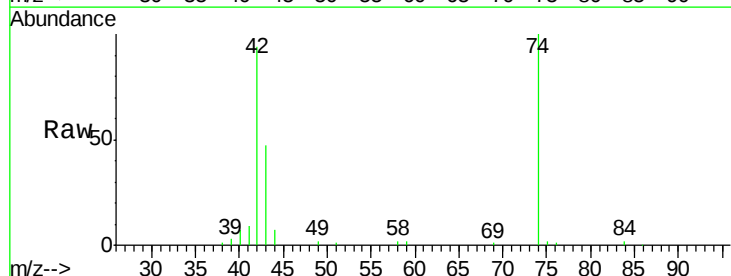
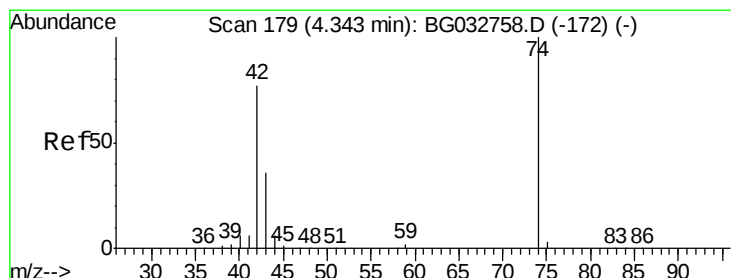
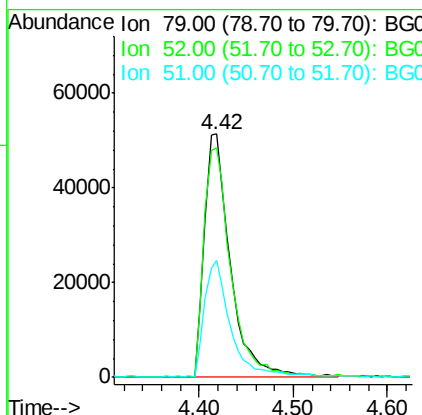
#3
 Pvridine
 Concen: 34.387 ng
 RT: 4.42 min Scan# 192
 Delta R.T. -0.01 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tot Ion:	79	Resp:	100310
Ion	Ratio	Lower	Upper
79	100		
52	94.5	69.9	104.9
51	47.9	34.0	51.0

Instrument :
 BNA_G
 ClientSampleId :
 PB107261BS

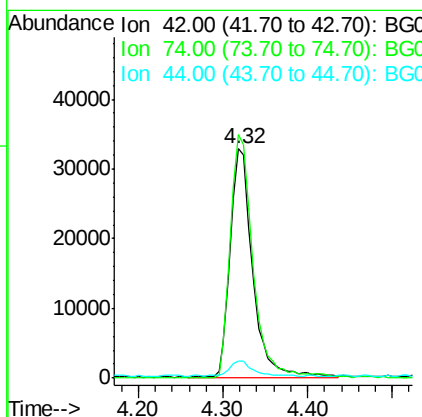
Manual Integrations
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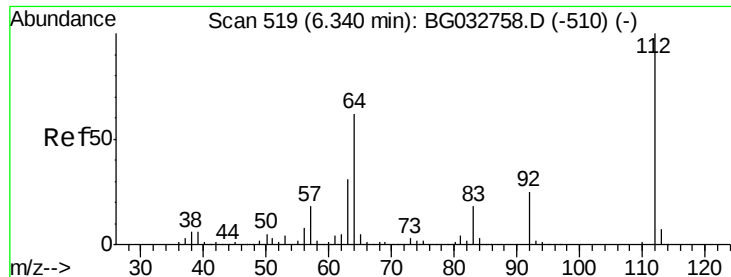
Sohil
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#4
 n-Nitrosodimethylamine
 Concen: 52.149 ng
 RT: 4.32 min Scan# 175
 Delta R.T. -0.01 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion:	42	Resp:	60990
Ion	Ratio	Lower	Upper
42	100		
74	106.1	102.5	153.7
44	7.3	18.9	28.3#





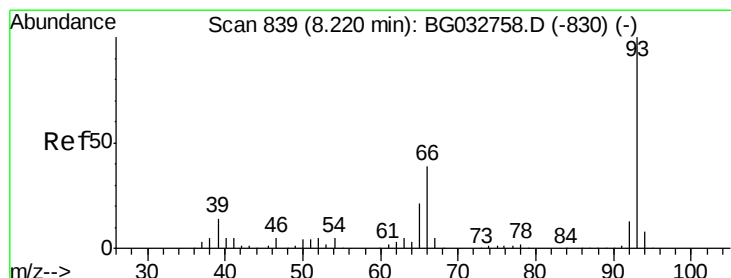
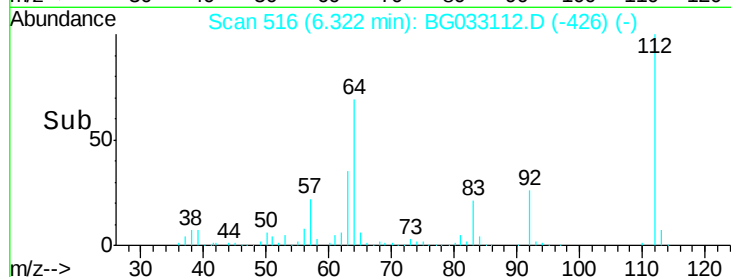
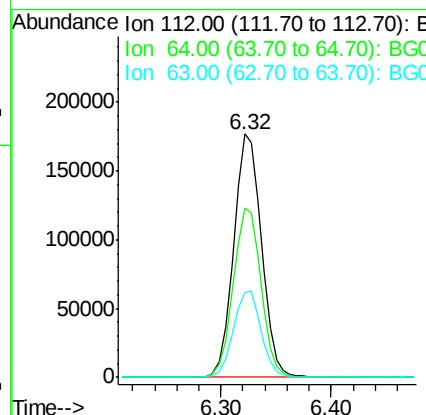
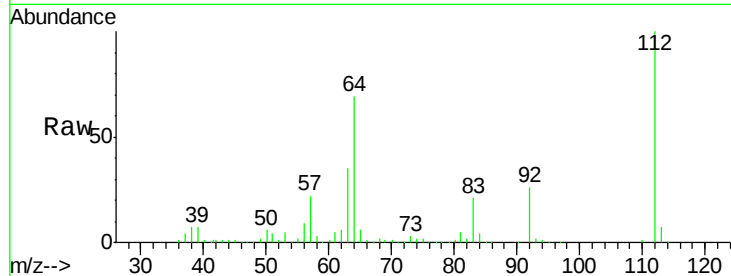
#5
2-Fluorophenol
Concen: 127.975 ng
RT: 6.32 min Scan# 516
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Instrument :
BNA_G
ClientSampleId :
PB107261BS

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	69.4	56.3	84.5
63	35.1	30.1	45.1

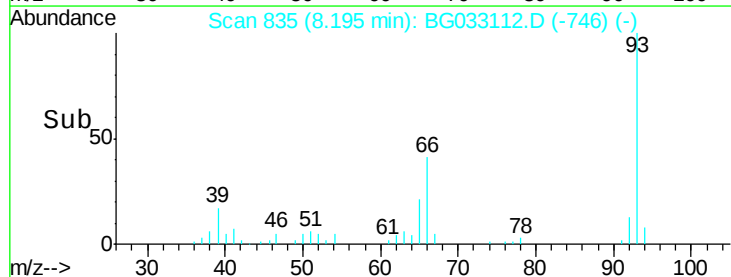
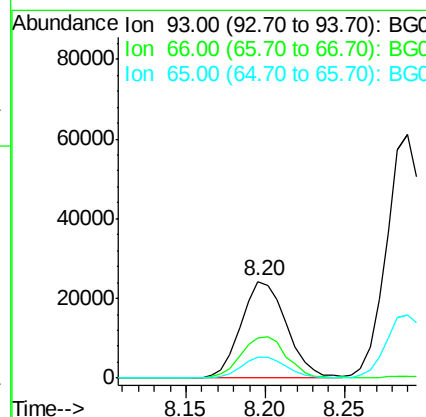
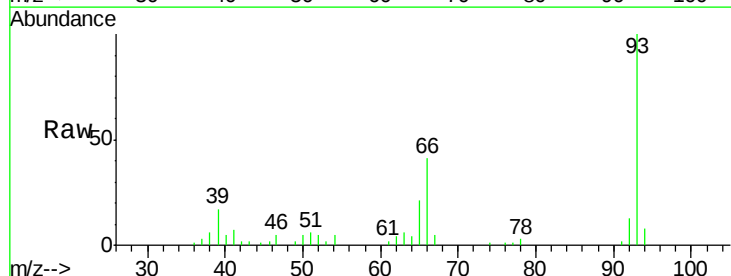
Manual Integrations
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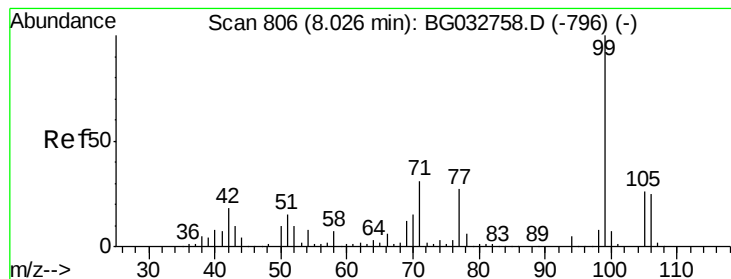
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#6
Aniline
Concen: 10.538 ng
RT: 8.20 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	41.1	33.7	50.5
65	21.2	16.1	24.1





#7

Phenol-d6

Concen: 123.815 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

ClientSampleId :

PB107261BS

Tot Ion: 99 Resp: 420867

Ion Ratio Lower Upper

99 100

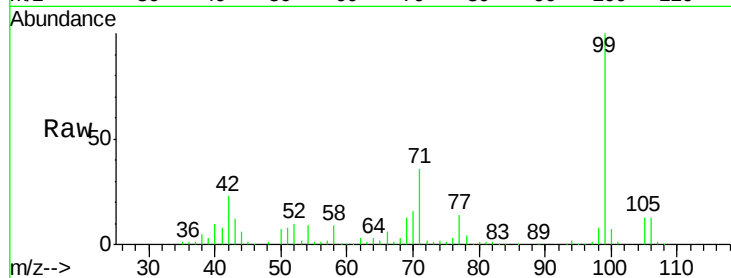
42 22.7 14.1 21.1#

71 35.7 26.1 39.1

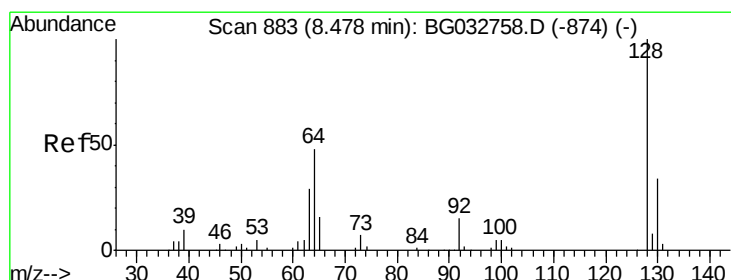
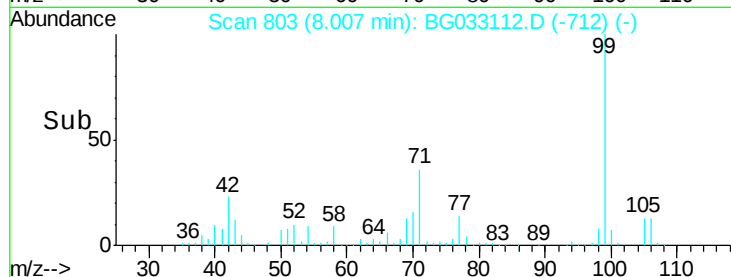
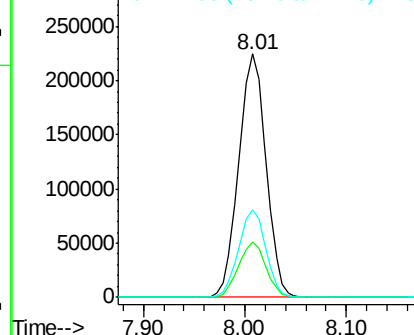
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.020 ng

RT: 8.45 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

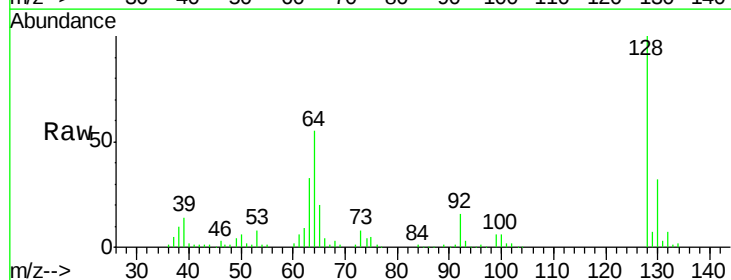
Tgt Ion:128 Resp: 114831

Ion Ratio Lower Upper

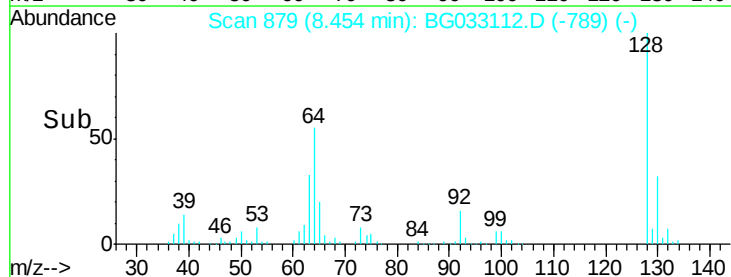
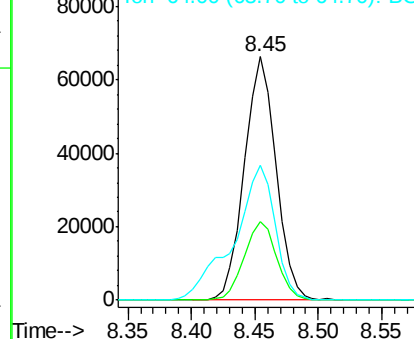
128 100

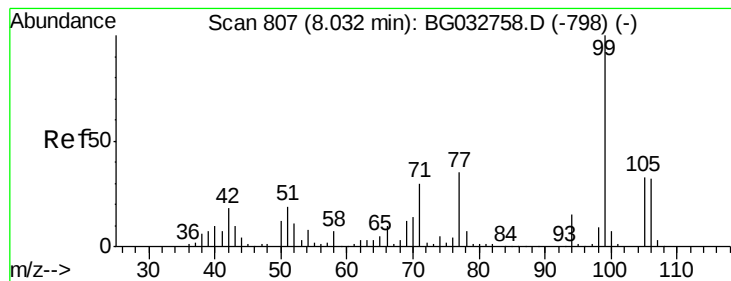
130 32.5 14.0 54.0

64 55.3 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 30.006 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

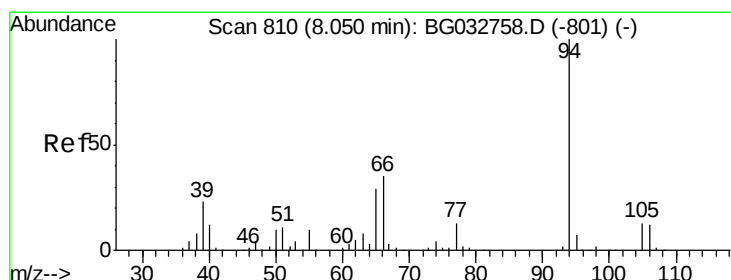
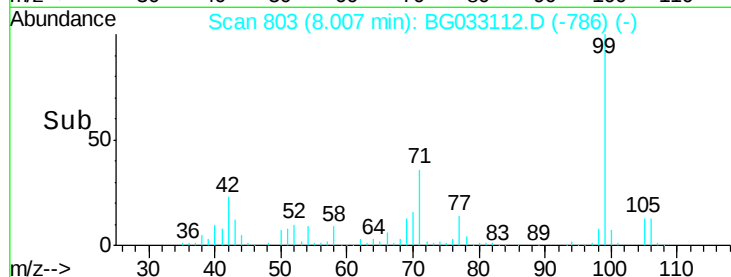
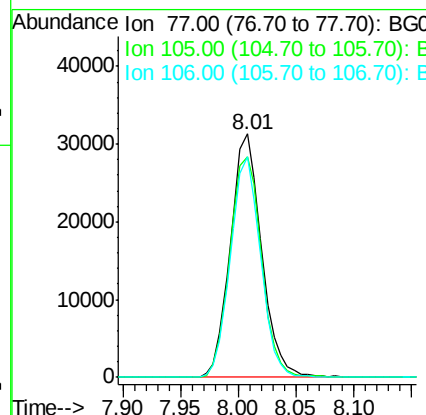
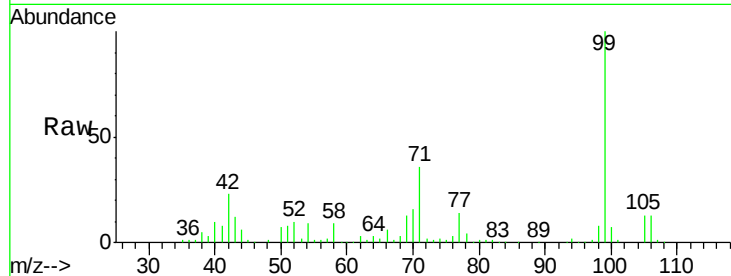
ClientSampleId :

PB107261BS

Tot Ion:	77	Resp:	58784
Ion Ratio	Lower	Upper	
77	100		
105	90.8	71.3	111.3
106	90.7	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 44.623 ng

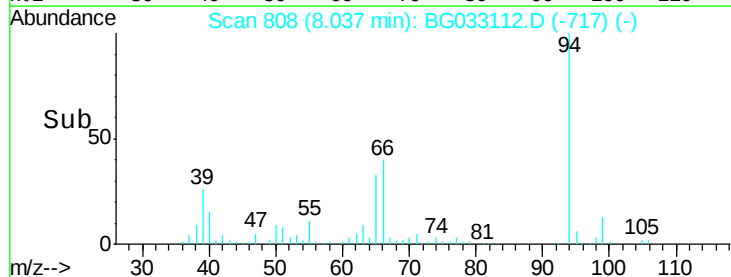
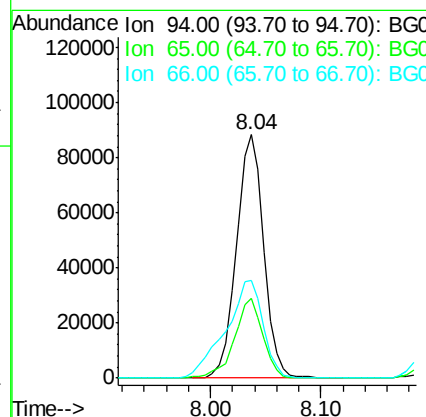
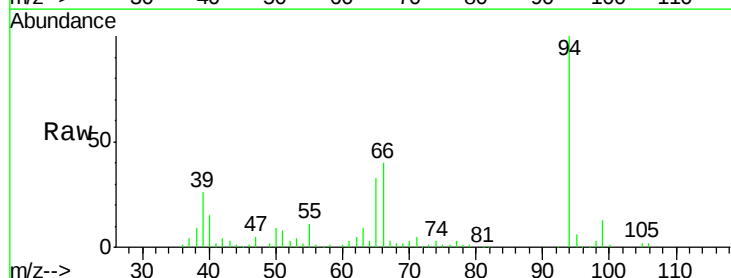
RT: 8.04 min Scan# 808

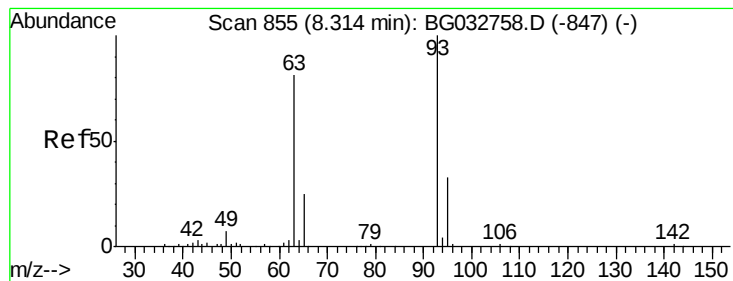
Delta R.T. 0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Tgt Ion:	94	Resp:	152904
Ion Ratio	Lower	Upper	
94	100		
65	33.0	11.9	51.9
66	40.3	22.2	62.2





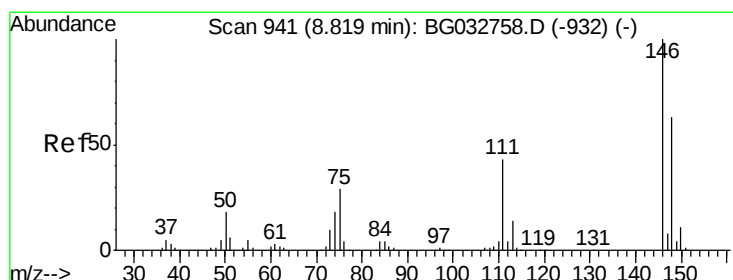
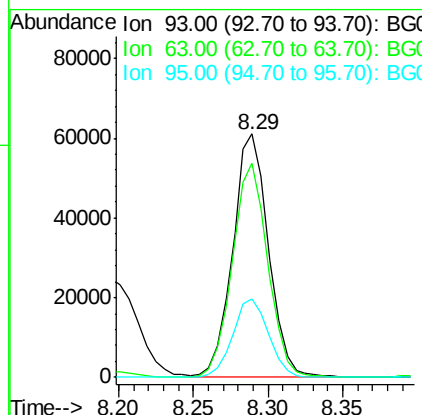
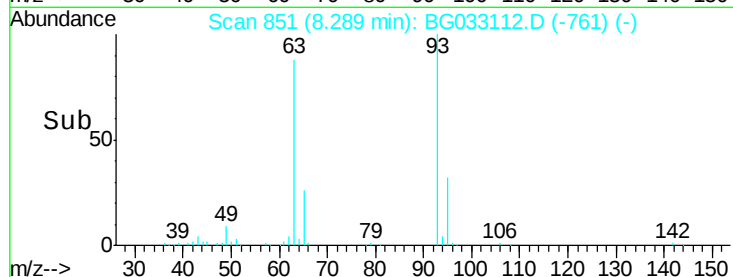
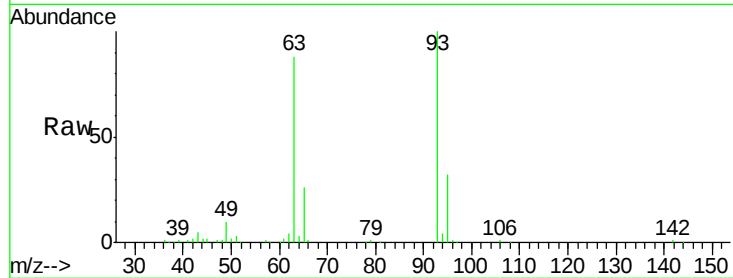
#11
 bis(2-Chloroethyl)ether
 Concen: 36.360 ng
 RT: 8.29 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Instrument :
 BNA_G
 ClientSampleId :
 PB107261BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.8	67.1	107.1
95	32.0	11.5	51.5

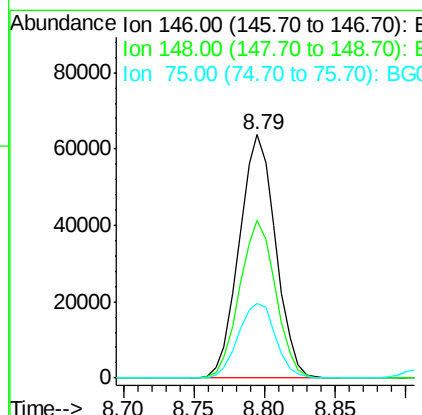
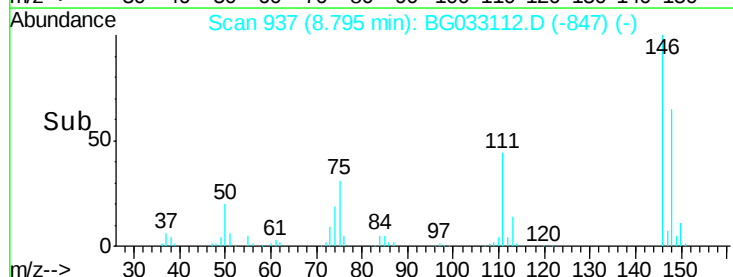
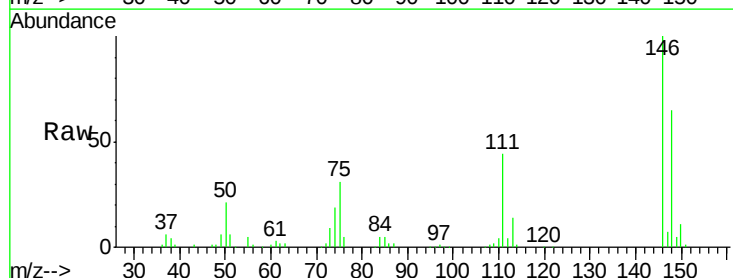
Manual Integrations
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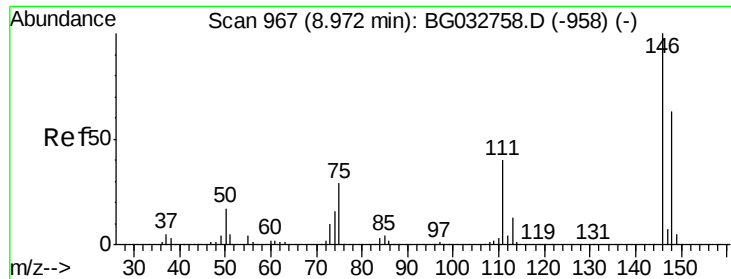
Sohil
 3/13/2018 4:20:41 PM



#12
 1,3-Dichlorobenzene
 Concen: 36.722 ng
 RT: 8.79 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
75	30.9	26.6	39.8





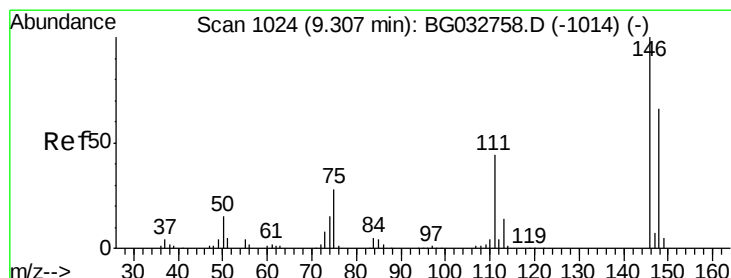
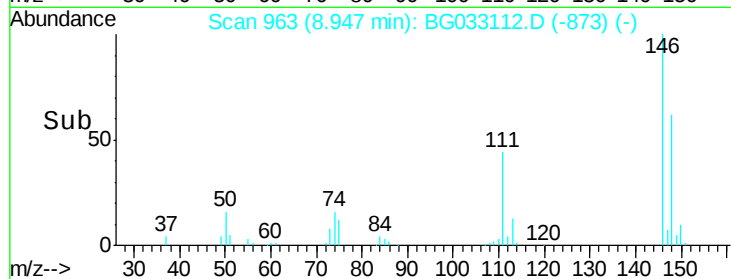
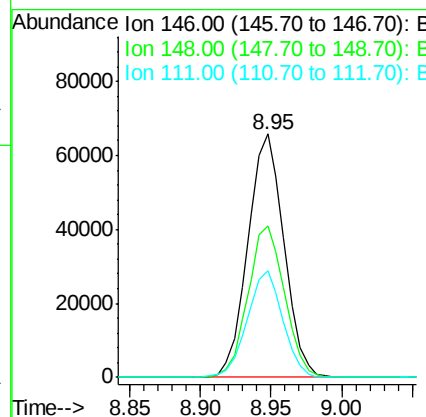
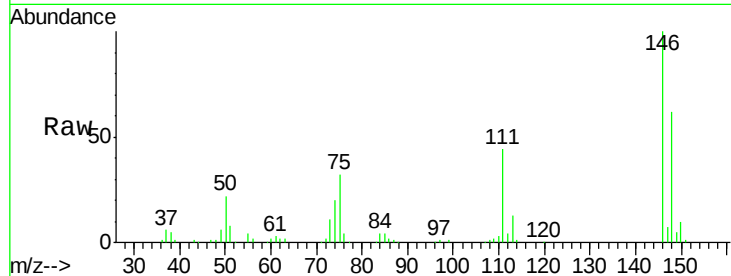
#13
 1,4-Dichlorobenzene
 Concen: 37.422 ng
 RT: 8.95 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Instrument :
 BNA_G
 ClientSampleId :
 PB107261BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	53.7	80.5
111	43.9	35.2	52.8

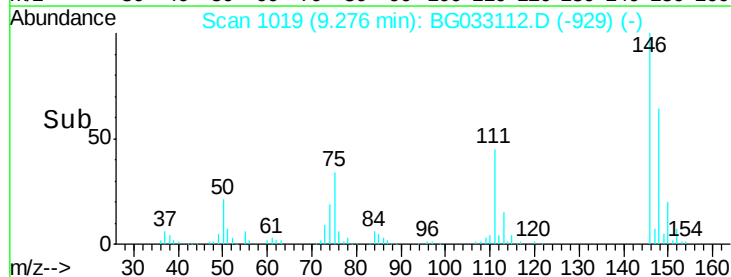
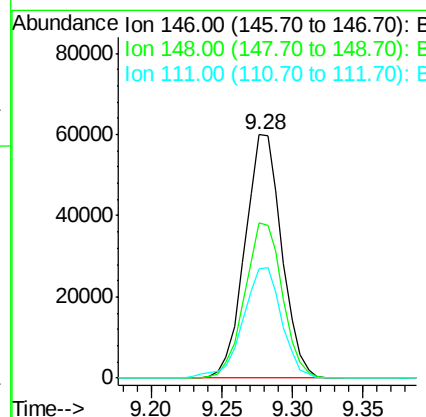
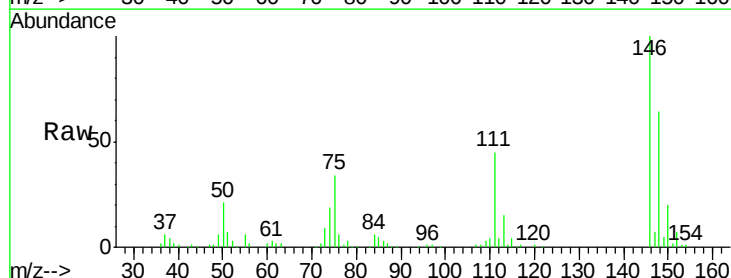
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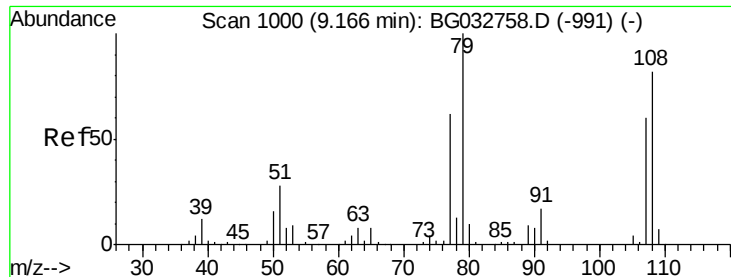
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 36.301 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.3	73.9
111	45.0	34.3	51.5





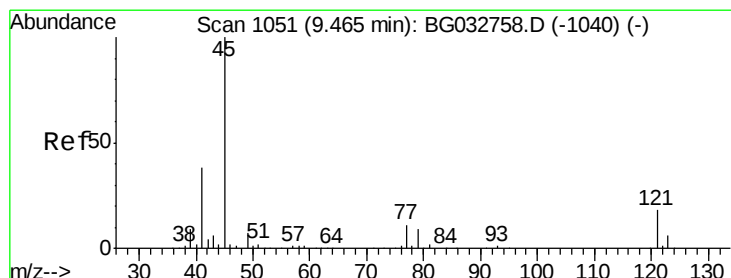
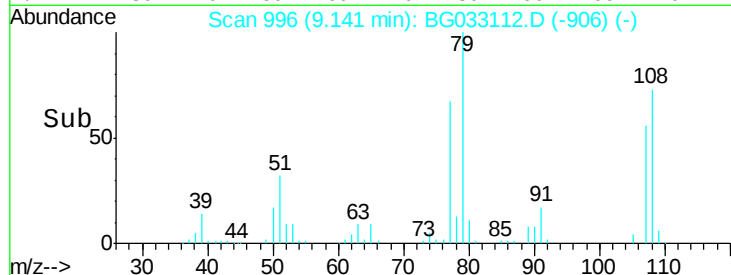
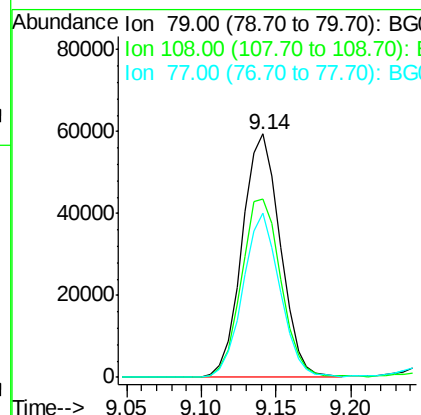
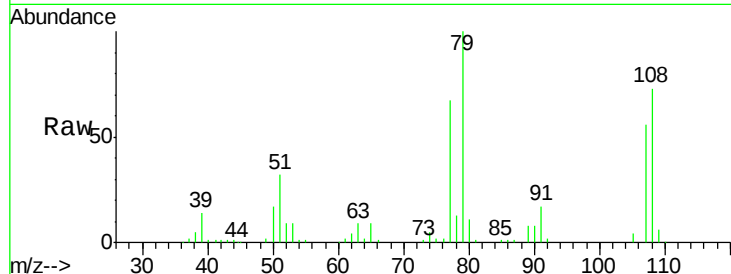
#15
Benzyl Alcohol
Concen: 42.063 ng
RT: 9.14 min Scan# 996
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Instrument :
BNA_G
ClientSampleId :
PB107261BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.0	57.2	85.8
77	67.4	46.1	69.1

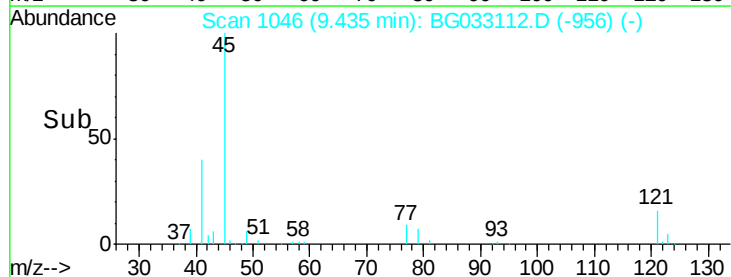
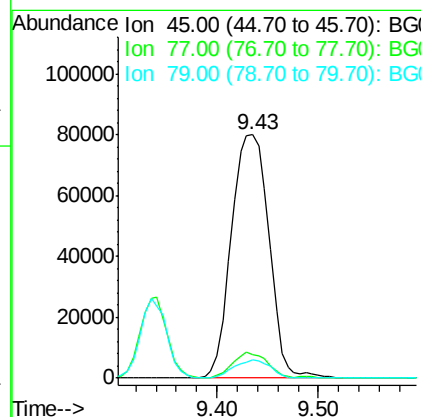
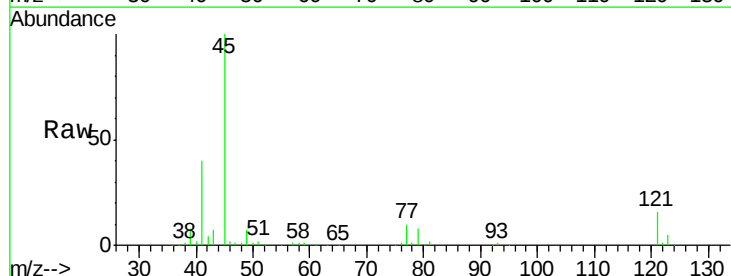
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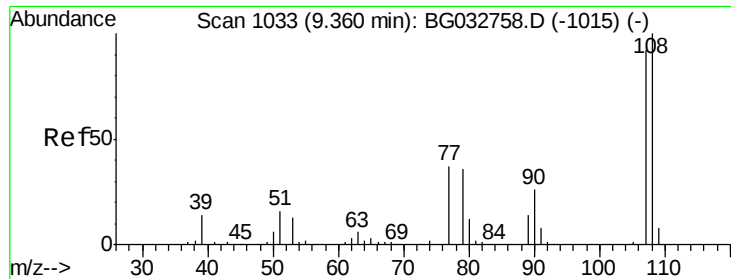
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.692 ng
RT: 9.43 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.8	0.0	30.2
79	7.5	0.0	27.9





#17

2-Methylphenol

Concen: 40.899 ng

RT: 9.34 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

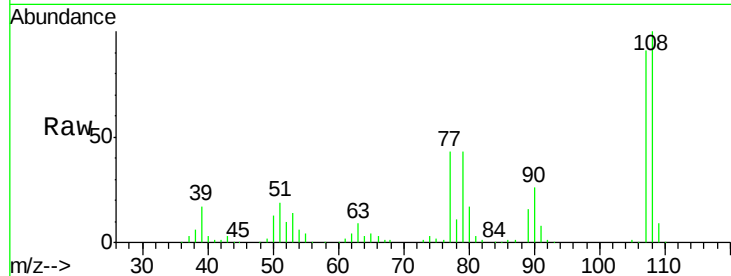
ClientSampled :

PB107261BS

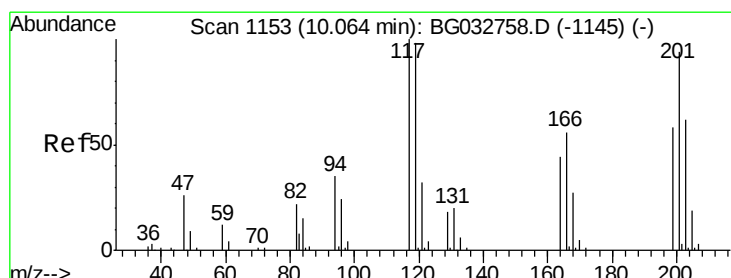
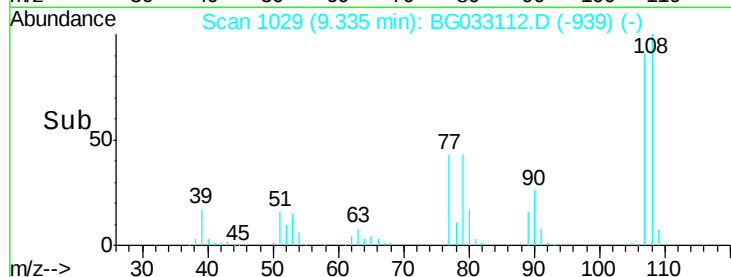
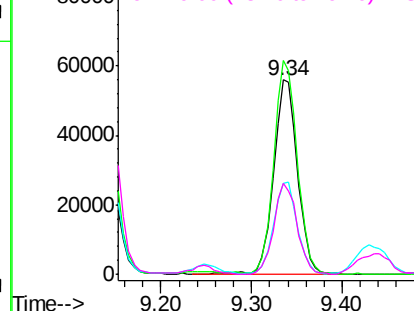
Tot Ion:	107	Resp:	103340
Ion Ratio	Lower	Upper	
107	100		
108	110.0	83.9	125.9
77	47.0	37.2	55.8
79	46.7	36.2	54.2

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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): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.316 ng

RT: 10.04 min Scan# 1149

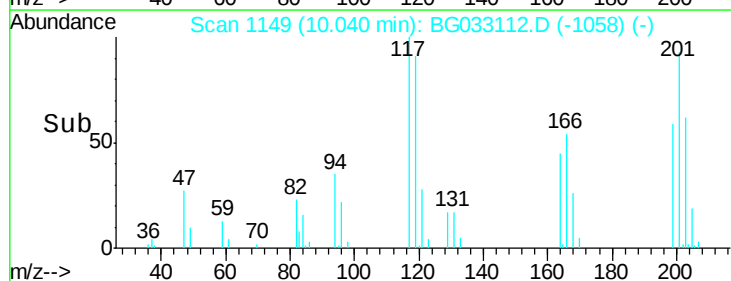
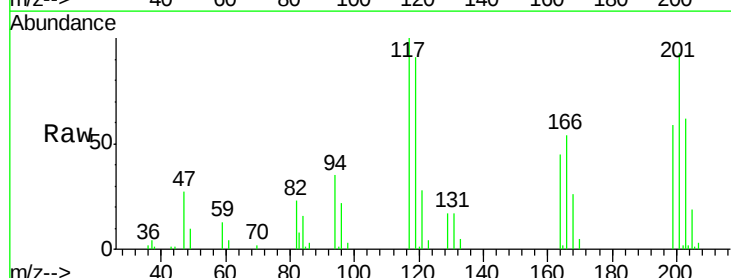
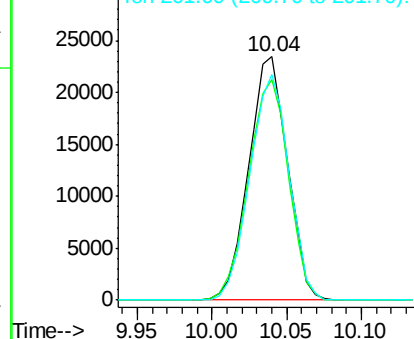
Delta R.T. 0.00 min

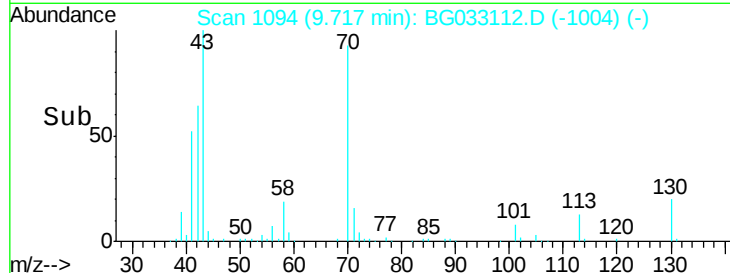
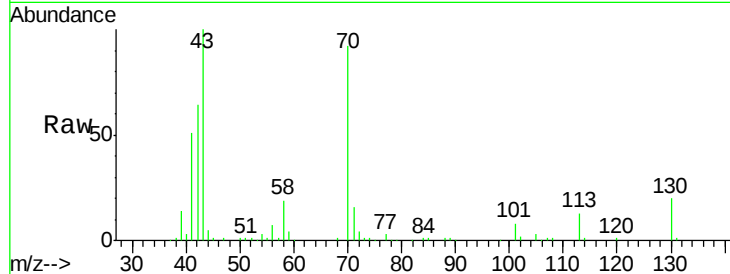
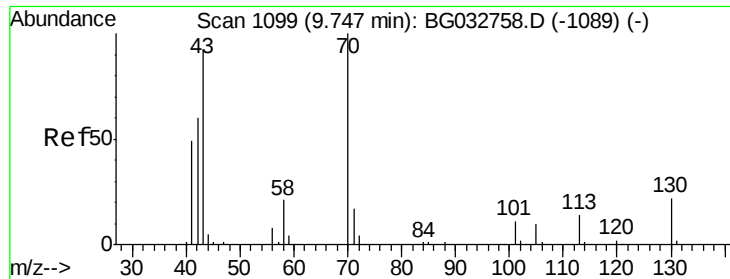
Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Tgt Ion:	117	Resp:	42127
Ion Ratio	Lower	Upper	
117	100		
119	90.8	76.7	115.1
201	92.8	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





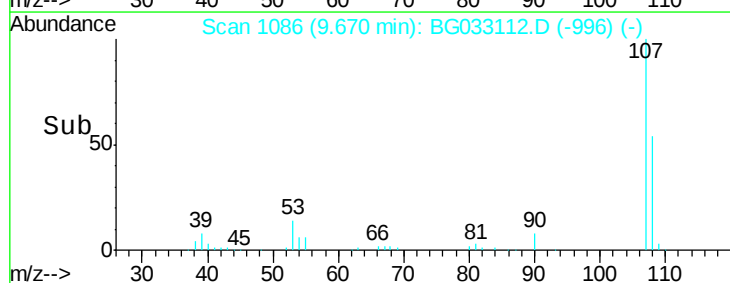
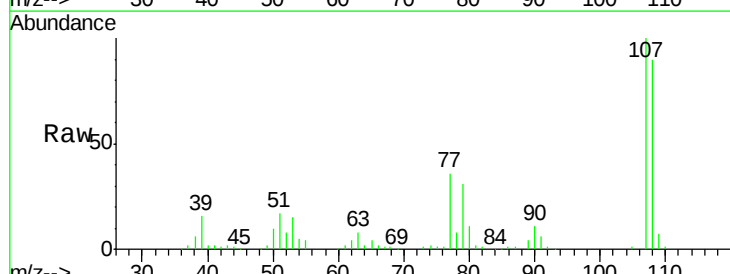
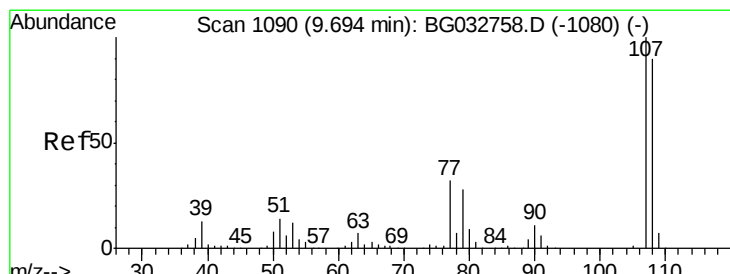
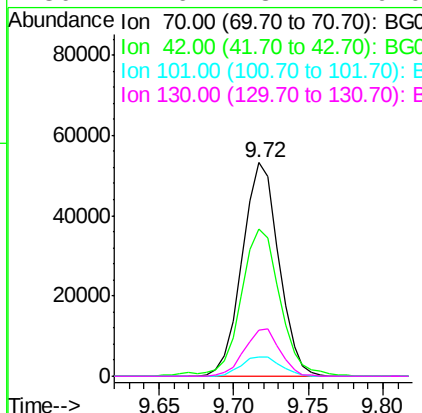
#19
n-Nitroso-di-n-propylamine
Concen: 37.545 ng
RT: 9.72 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Instrument :
BNA_G
ClientSampleId :
PB107261BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.0	49.1	73.7	
101	8.8	8.5	12.7	
130	21.6	13.4	20.0	

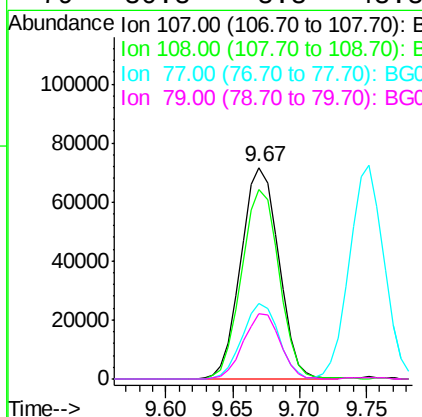
Manual Integrations
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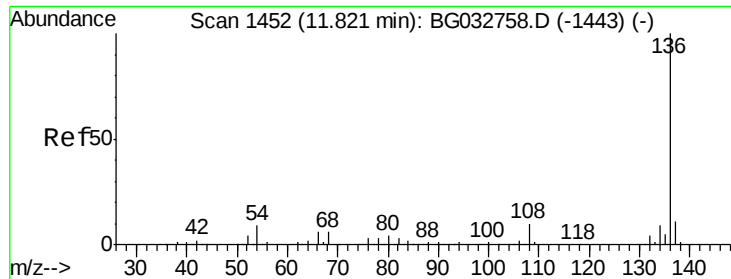
Sohil
3/13/2018 4:20:41 PM



#20
3+4-Methylphenols
Concen: 40.063 ng
RT: 9.67 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.8	61.6	101.6	
77	35.8	13.9	53.9	
79	30.8	8.8	48.8	





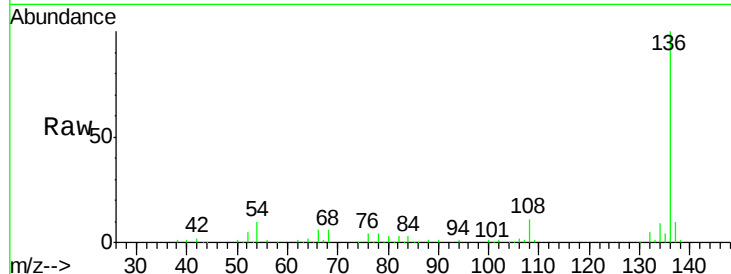
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Instrument :
BNA_G
ClientSampled :
PB107261BS

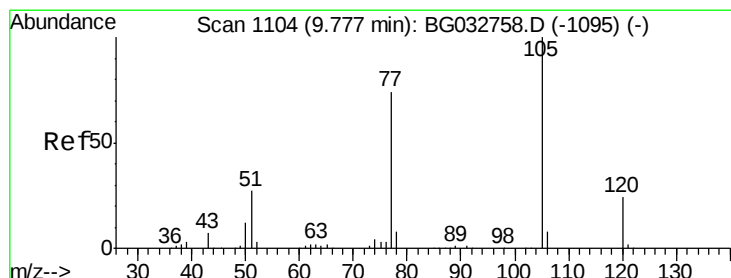
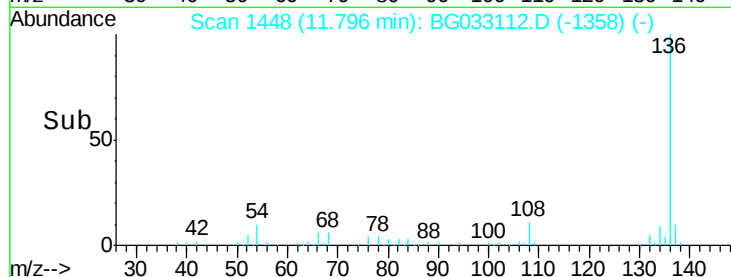
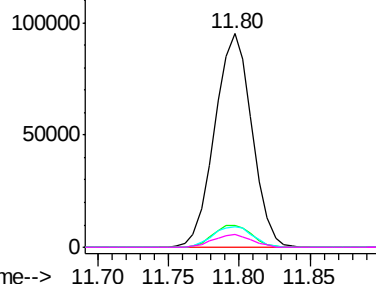
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	9.9	9.2	13.8
54	9.7	10.3	15.5
68	5.9	4.5	6.7

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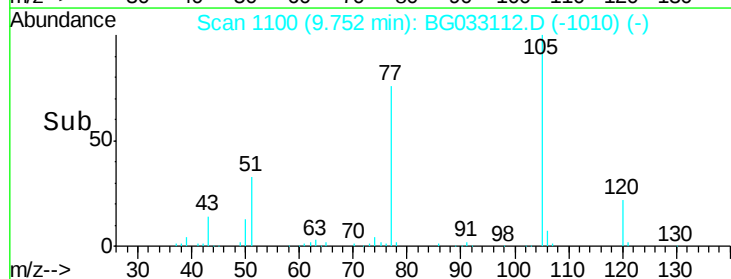
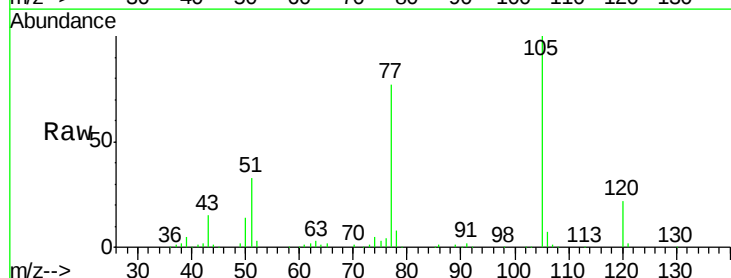
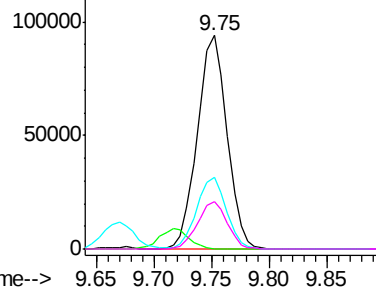
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

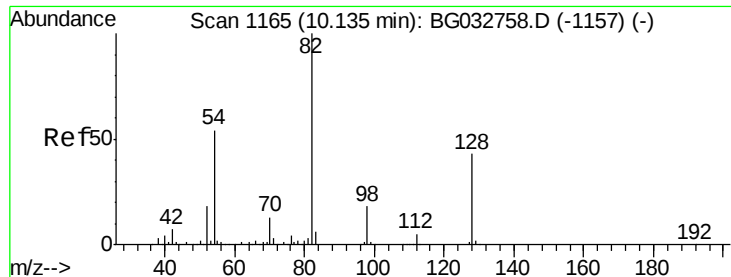


#22
Acetophenone
Concen: 37.616 ng
RT: 9.75 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.0	3.0	4.4
51	33.4	26.1	39.1
120	22.1	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





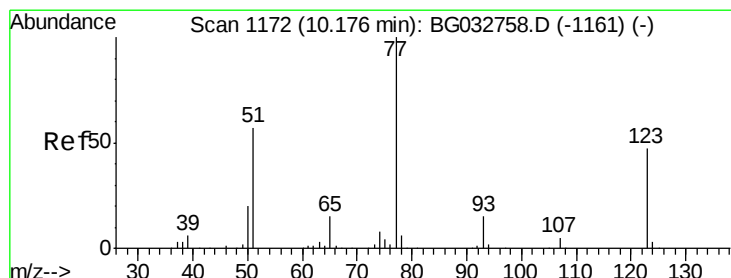
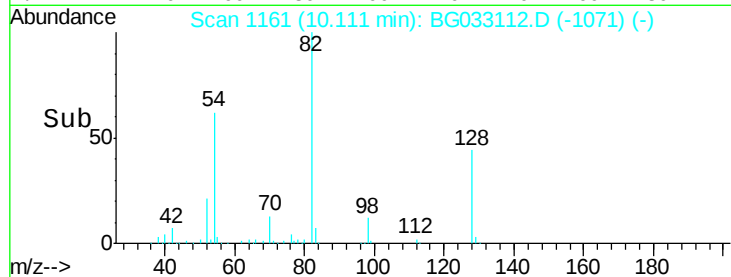
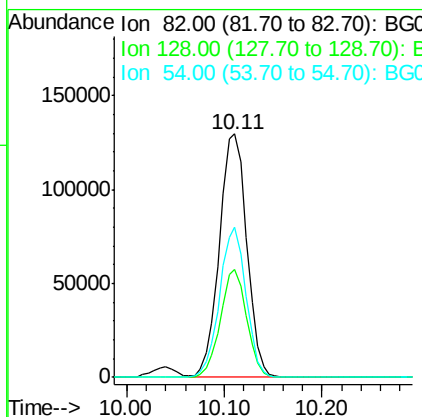
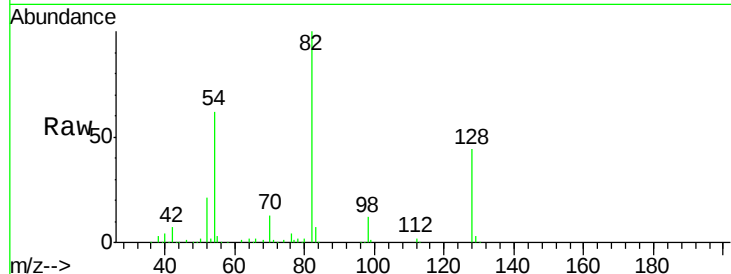
#23
Nitrobenzene-d5
Concen: 98.111 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Instrument :
BNA_G
ClientSampleId :
PB107261BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	29.7	44.5
54	61.8	43.1	64.7

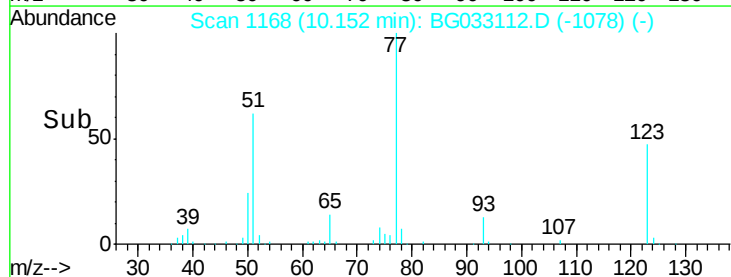
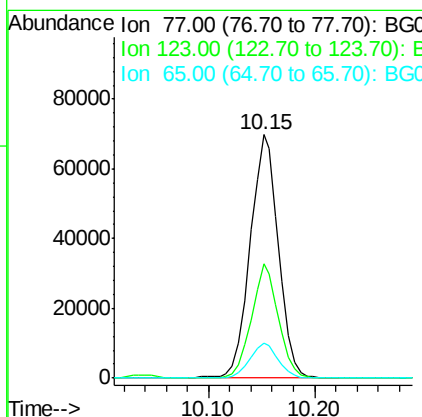
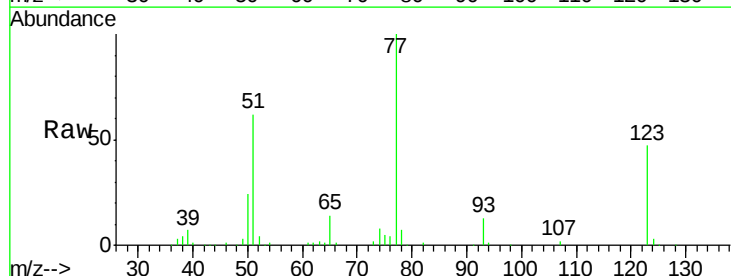
Manual Integrations
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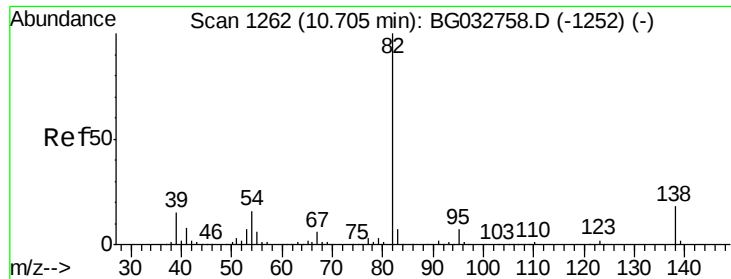
Sohil
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#24
Nitrobenzene
Concen: 46.482 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	33.0	49.6
65	14.5	13.0	19.6





#25

Isophorone

Concen: 39.762 ng

RT: 10.67 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

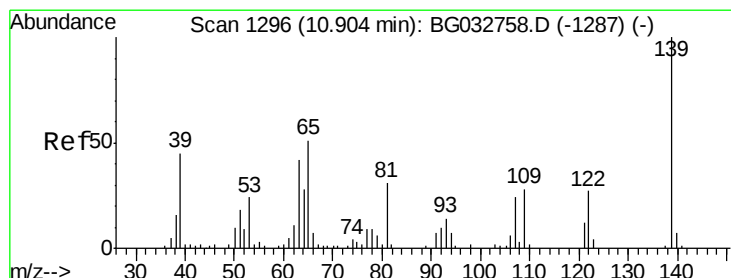
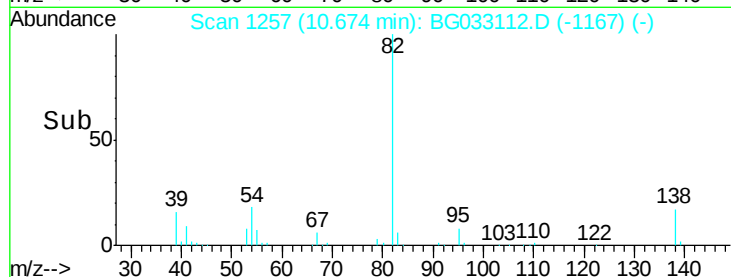
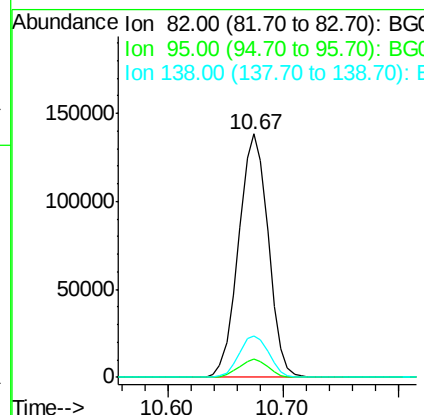
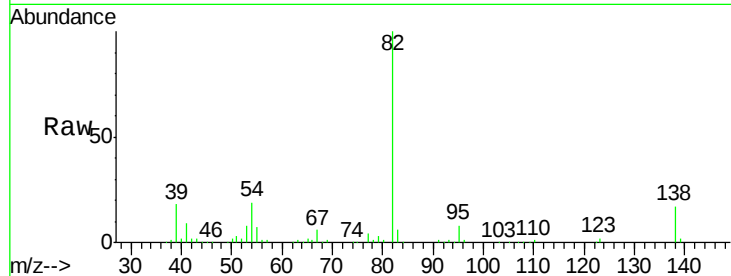
ClientSampleId :

PB107261BS

Tot Ion:	82	Resp:	244904
Ion Ratio		Lower	Upper
82	100		
95	7.5	6.2	9.2
138	17.2	12.1	18.1

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#26

2-Nitrophenol

Concen: 56.358 ng

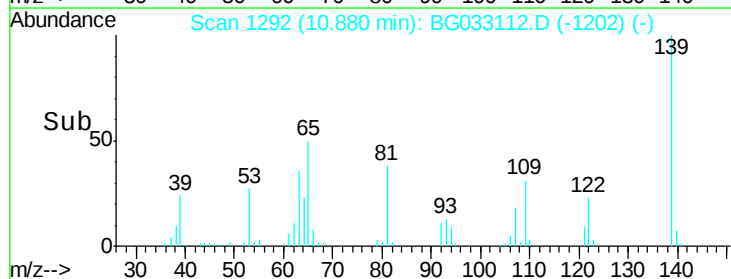
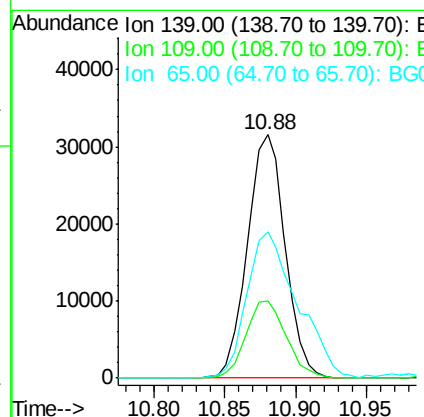
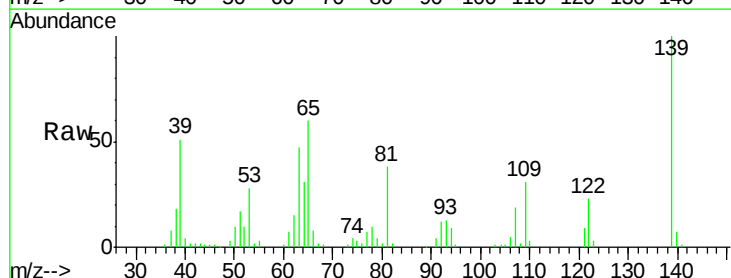
RT: 10.88 min Scan# 1292

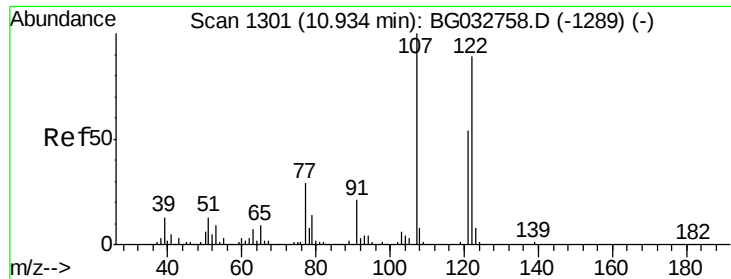
Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Tgt Ion:	139	Resp:	59198
Ion Ratio		Lower	Upper
139	100		
109	31.5	24.2	36.2
65	60.0	47.4	71.0





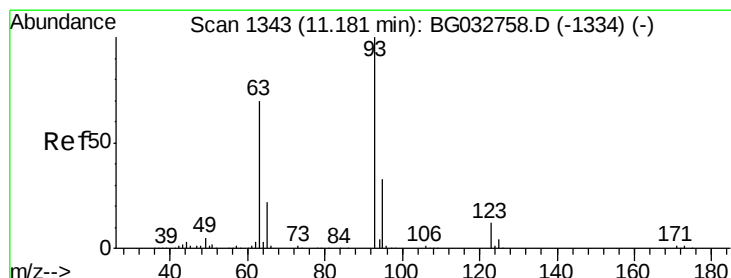
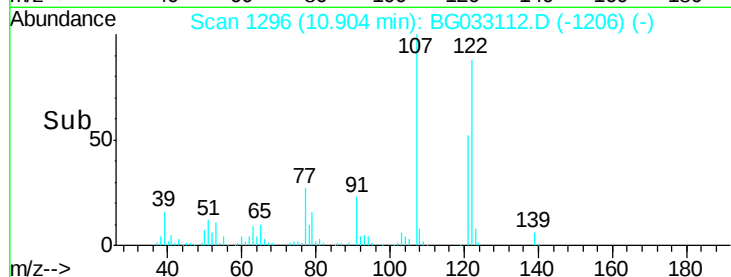
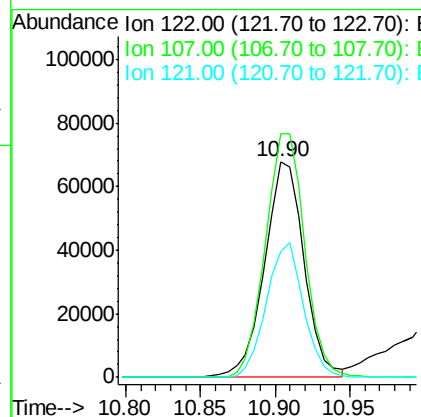
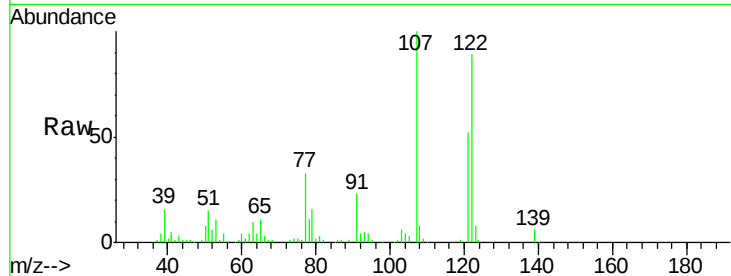
#27
 2,4-Dimethylphenol
 Concen: 46.595 ng
 RT: 10.90 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Instrument :
 BNA_G
 ClientSampleId :
 PB107261BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.9	100.2	150.2
121	58.3	44.4	66.6

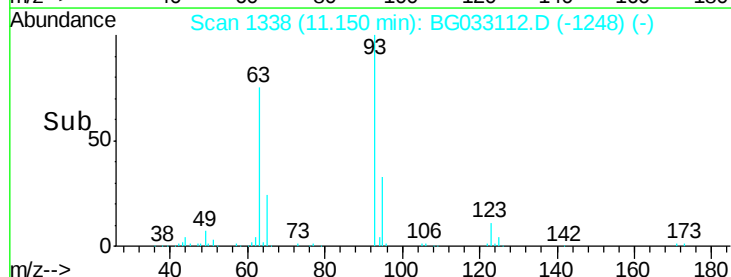
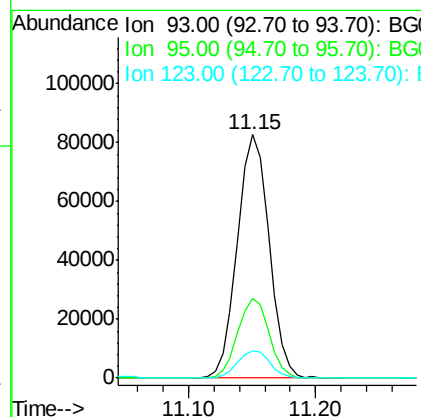
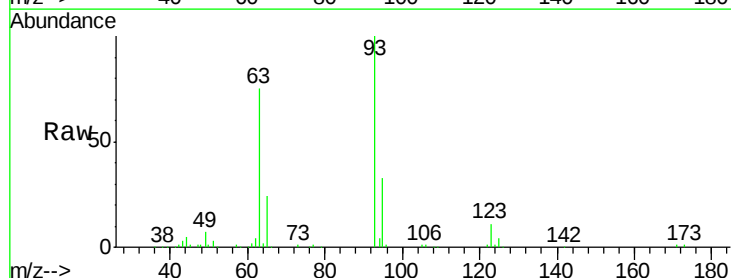
Manual Integrations
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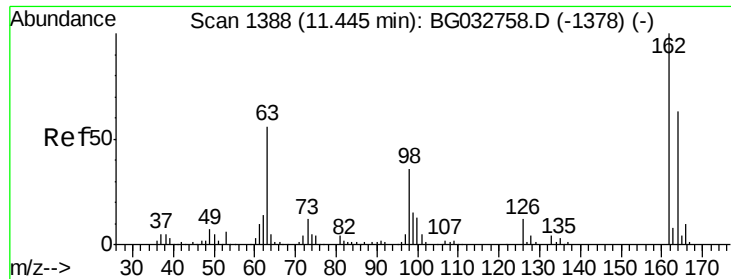
Sohil
 3/13/2018 4:20:41 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.951 ng
 RT: 11.15 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	24.3	36.5
123	11.1	8.4	12.6





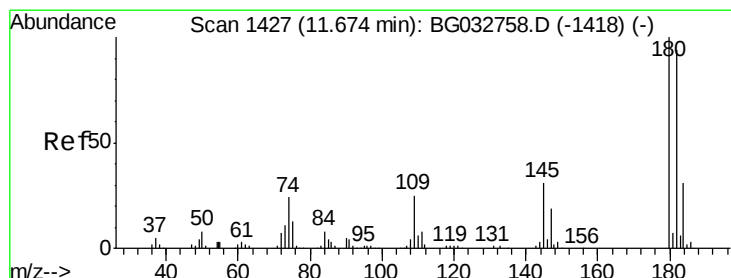
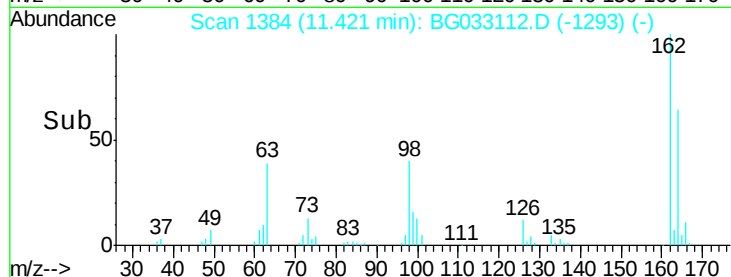
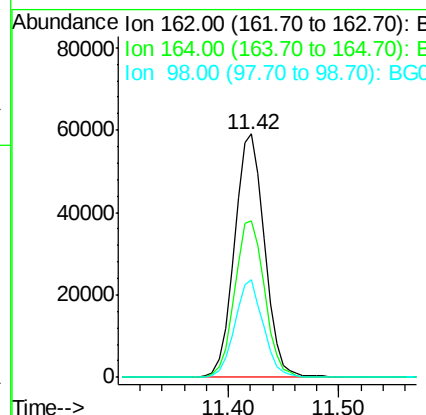
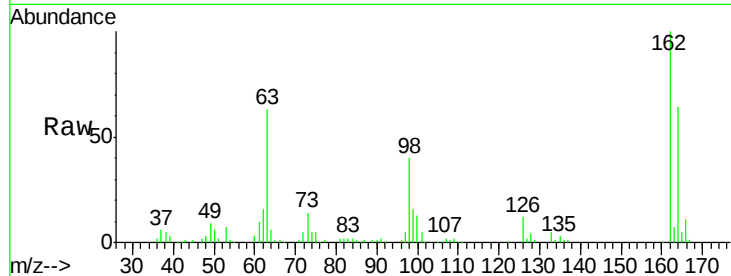
#29
 2,4-Dichlorophenol
 Concen: 46.397 ng
 RT: 11.42 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Instrument :
 BNA_G
 ClientSampleId :
 PB107261BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	112671		
164	64.3	48.0	88.0	
98	40.0	21.1	61.1	

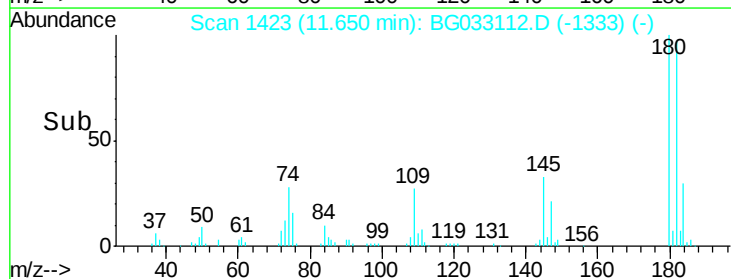
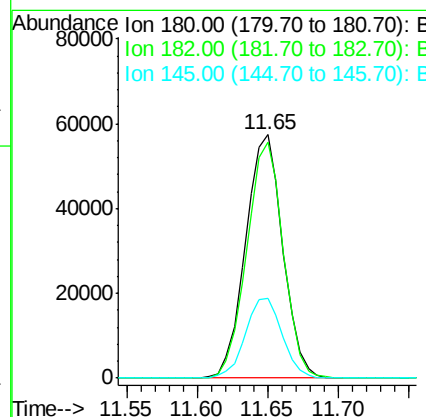
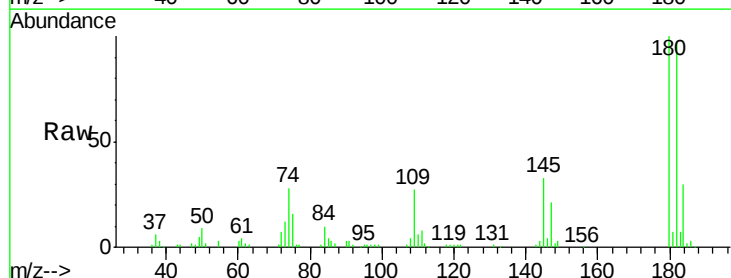
Manual Integrations
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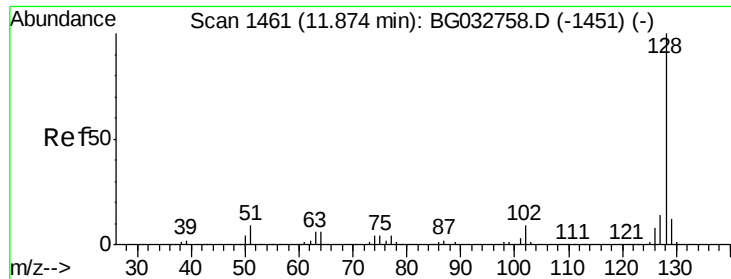
Sohil
 3/13/2018 4:20:41 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.099 ng
 RT: 11.65 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	105605		
182	96.7	77.5	116.3	
145	32.5	23.4	35.2	





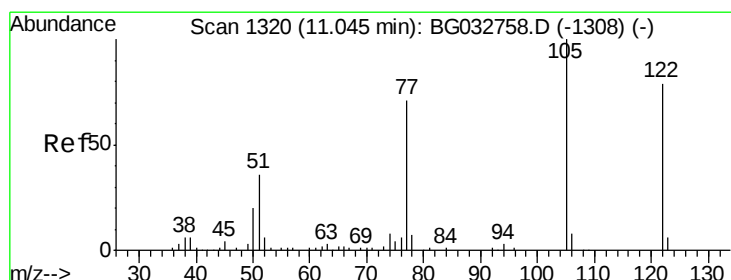
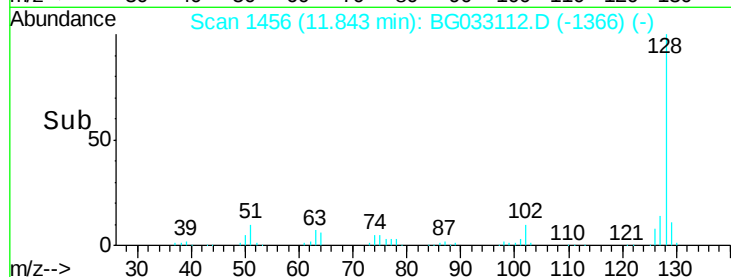
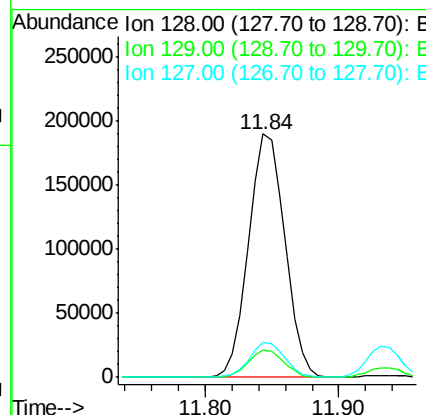
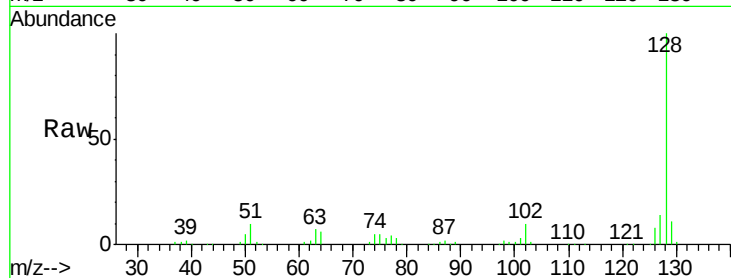
#31
Naphthalene
Concen: 38.824 ng
RT: 11.84 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Instrument :
BNA_G
ClientSampleId :
PB107261BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	14.4	11.6	17.4

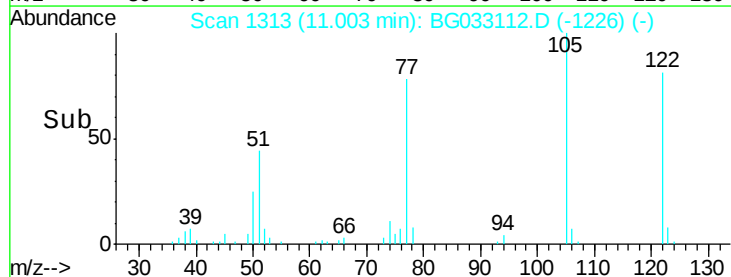
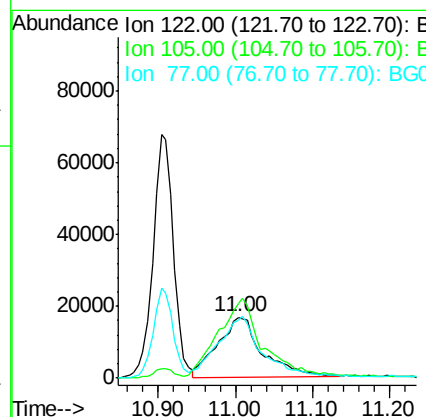
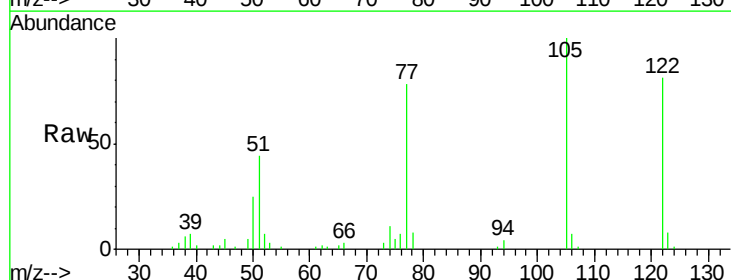
Manual Integrations
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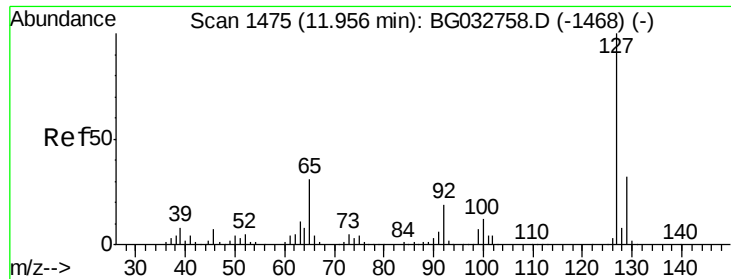
Sohil
3/13/2018 4:20:41 PM



#32
Benzoic acid
Concen: 42.684 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.1	123.5	163.5#
77	96.3	85.7	125.7





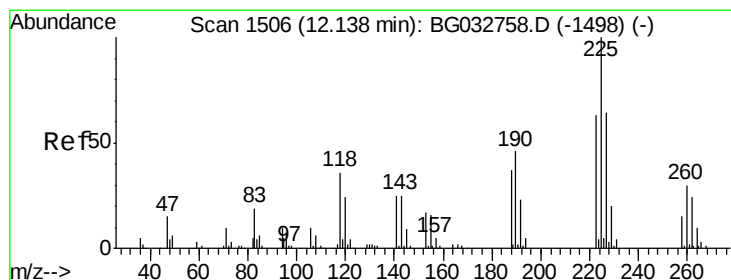
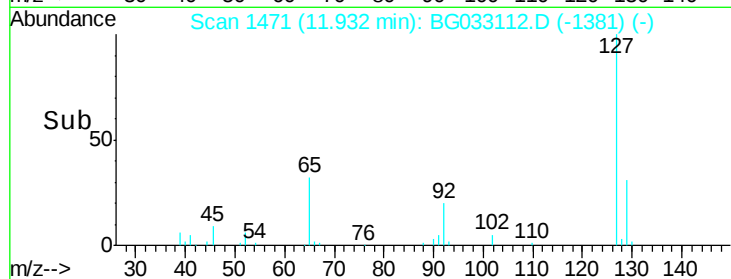
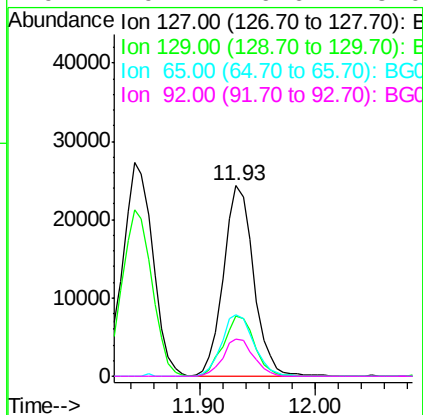
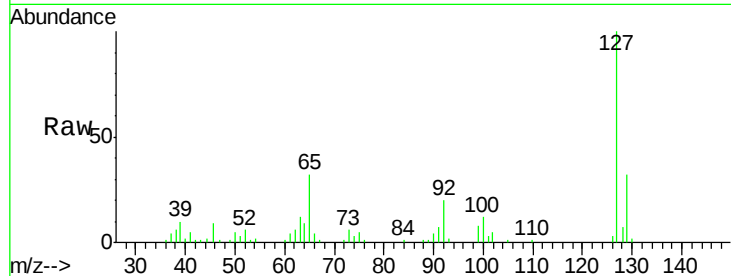
#33
4-Chloroaniline
Concen: 10.828 ng
RT: 11.93 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Instrument :
BNA_G
ClientSampleId :
PB107261BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	24.0	36.0		
65	32.2	27.0	40.4		
92	19.7	16.6	25.0		

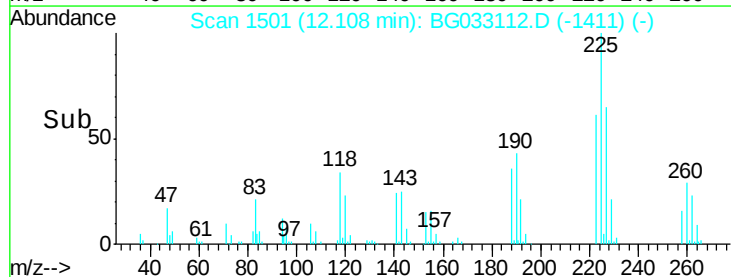
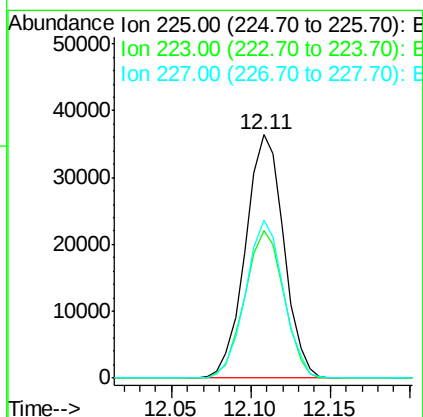
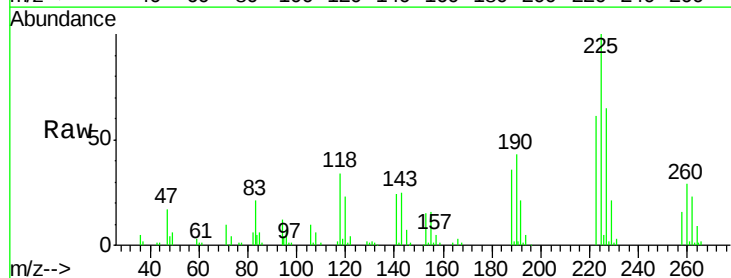
Manual Integrations
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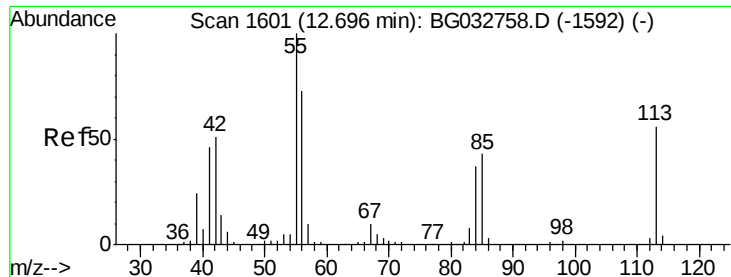
Sohil
3/13/2018 4:20:41 PM



#34
Hexachlorobutadiene
Concen: 38.296 ng
RT: 12.11 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.6	49.7	74.5		
227	64.6	48.1	72.1		





#35

Caprolactam

Concen: 45.429 ng

RT: 12.68 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

ClientSampled :

PB107261BS

Tot Ion:113 Resp: 44173

Ion Ratio Lower Upper

113 100

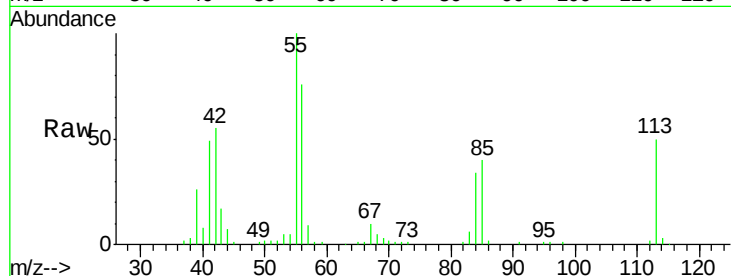
55 200.5 186.9 226.9

56 151.5 130.9 170.9

Manual Integrations
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Sohil

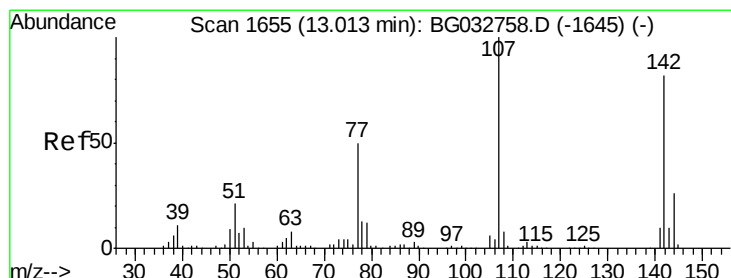
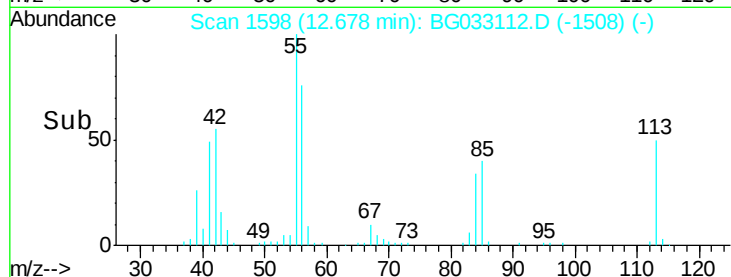
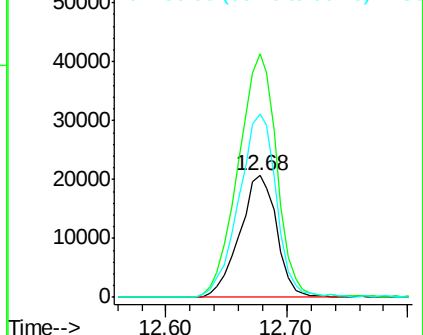
3/13/2018 4:20:41 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 49.641 ng

RT: 12.99 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

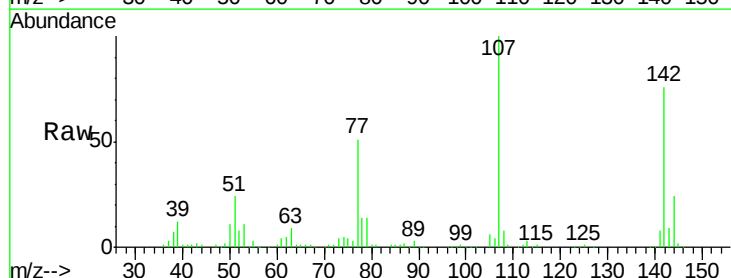
Tgt Ion:107 Resp: 140284

Ion Ratio Lower Upper

107 100

144 24.3 18.2 27.4

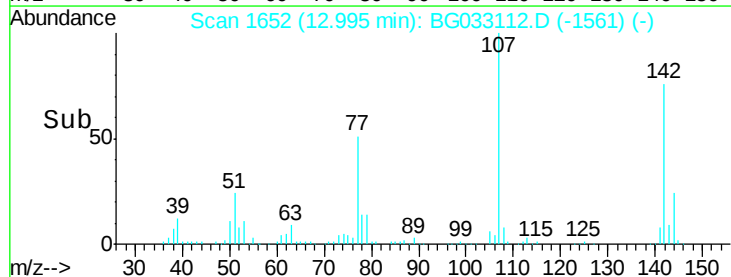
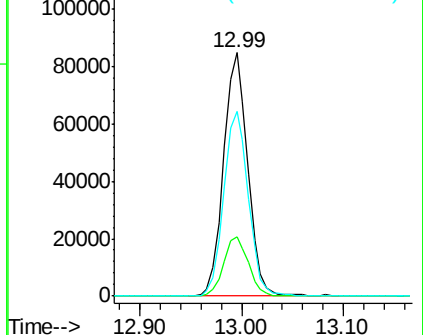
142 76.0 59.0 88.4

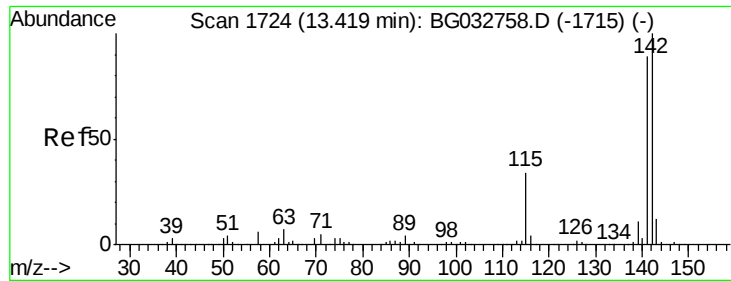


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





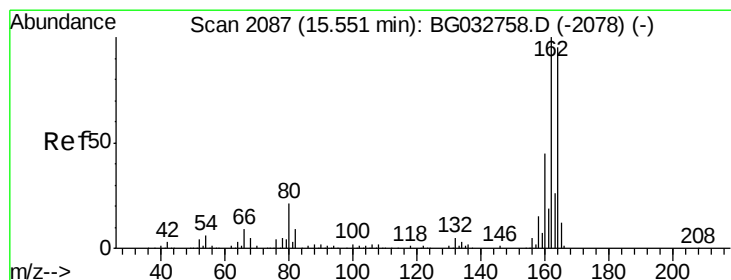
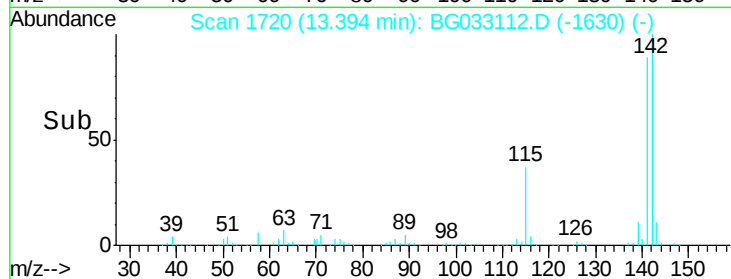
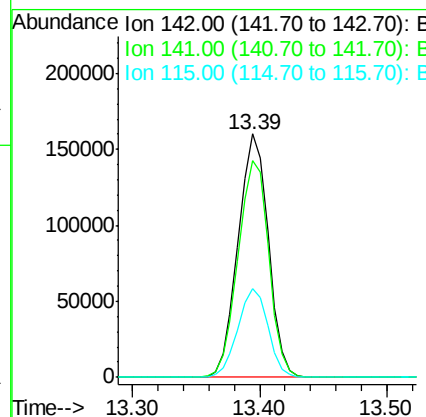
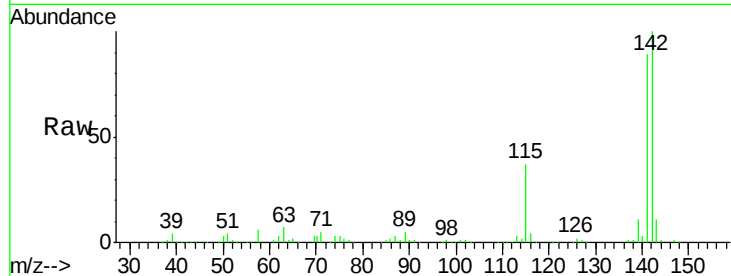
#37
2-Methylnaphthalene
Concen: 39.696 ng
RT: 13.39 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Instrument :
BNA_G
ClientSampleId :
PB107261BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	67.1	100.7
115	36.7	30.7	46.1

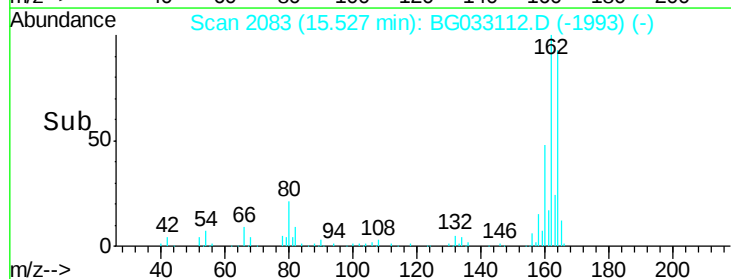
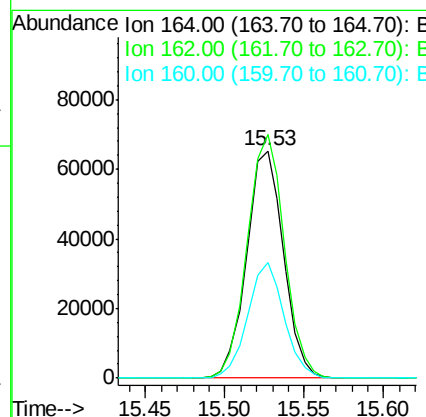
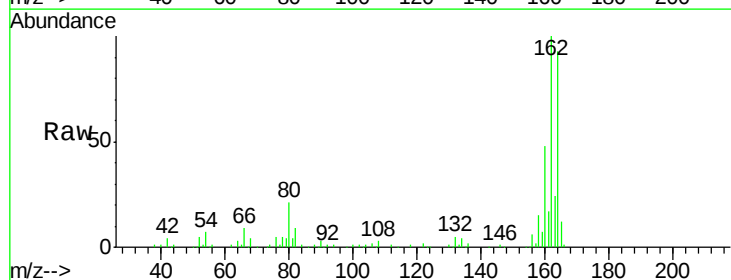
Manual Integrations
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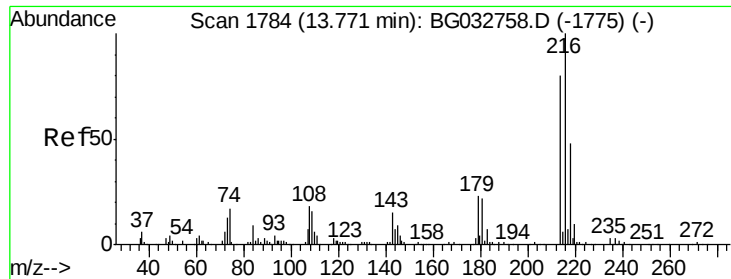
Sohil
3/13/2018 4:20:41 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.0	78.8	118.2
160	50.9	35.4	53.0





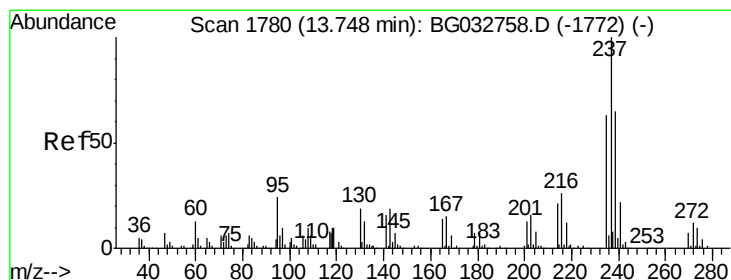
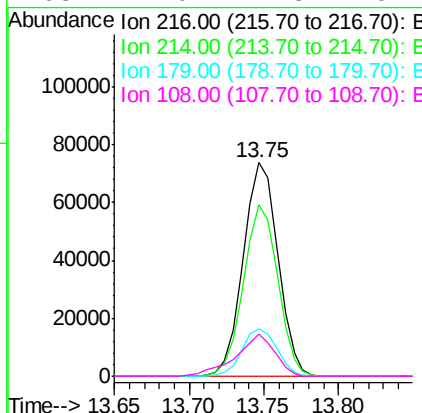
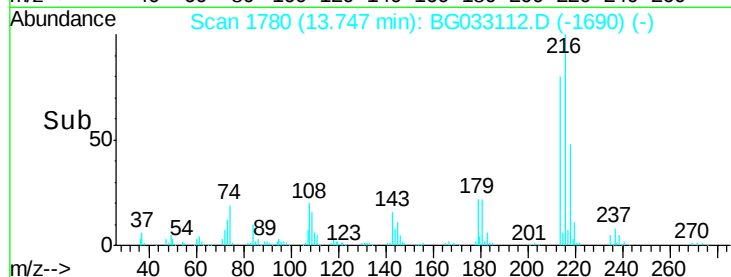
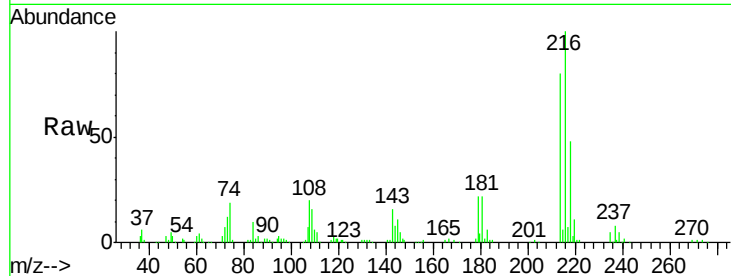
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.990 ng
 RT: 13.75 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Instrument :
 BNA_G
 ClientSampleId :
 PB107261BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.3		63.0	94.4	
179	22.2		17.0	25.6	
108	22.0		12.8	19.2	

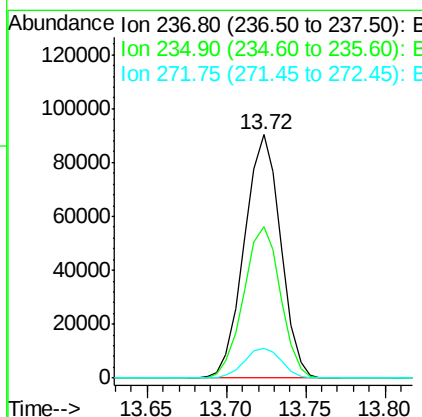
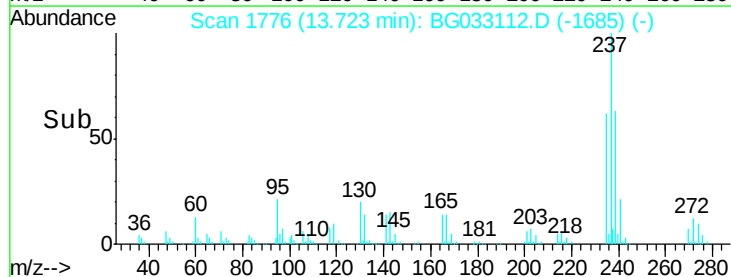
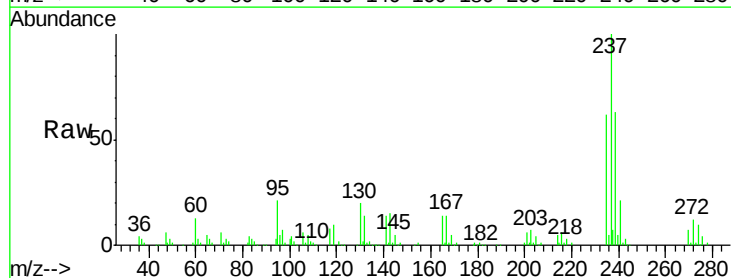
Manual Integrations
 APPROVED

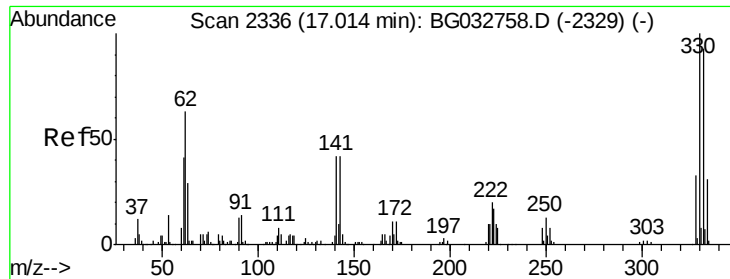
Sohil
 3/13/2018 4:20:41 PM



#40
 Hexachlorocyclopentadiene
 Concen: 90.397 ng
 RT: 13.72 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.4		50.4	90.4	
272	12.4		0.0	31.8	





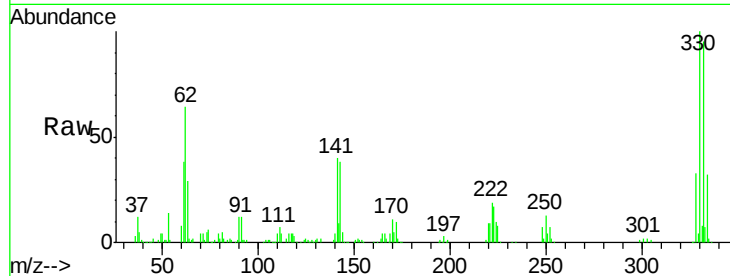
#41
 2,4,6-Tribromophenol
 Concen: 153.921 ng
 RT: 17.00 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Instrument :
 BNA_G
 ClientSampled :
 PB107261BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	40.2	25.2	37.8

Manual Integrations
 APPROVED

Sohil
 3/13/2018 4:20:41 PM

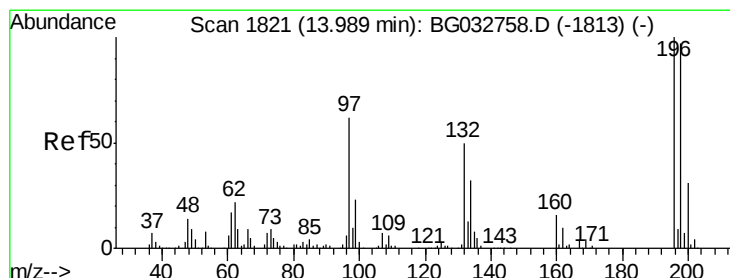
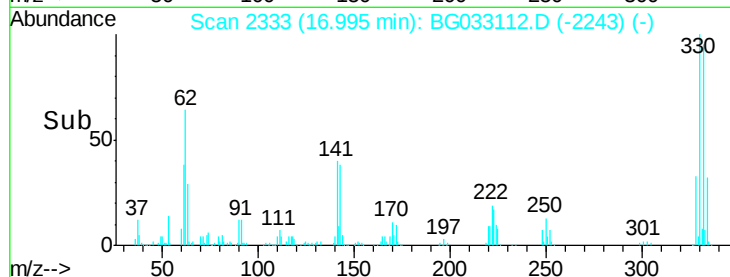
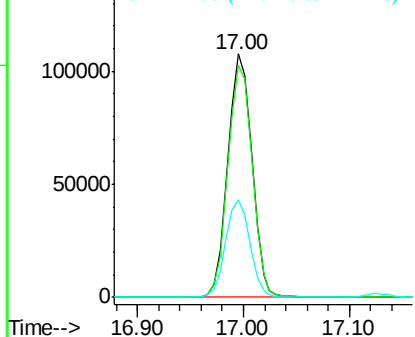


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 45.571 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

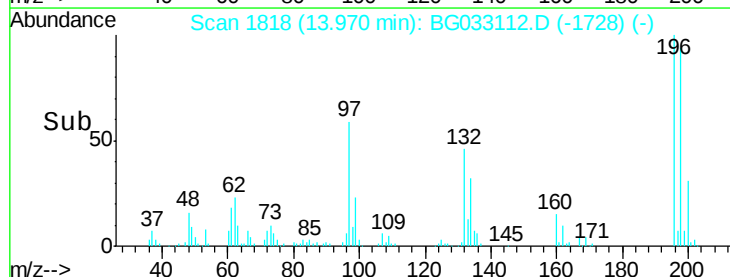
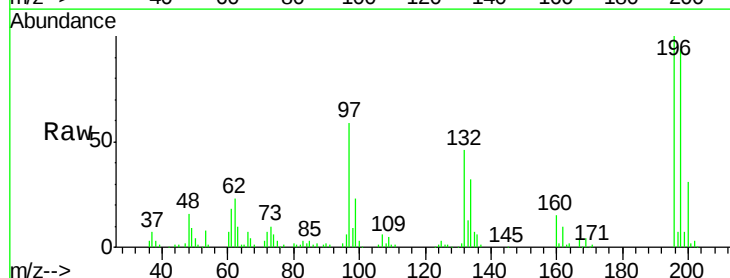
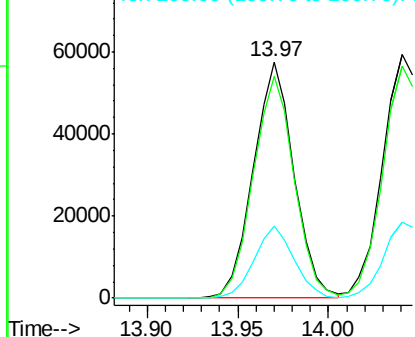
Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	78.2	117.2
200	30.6	24.6	36.8

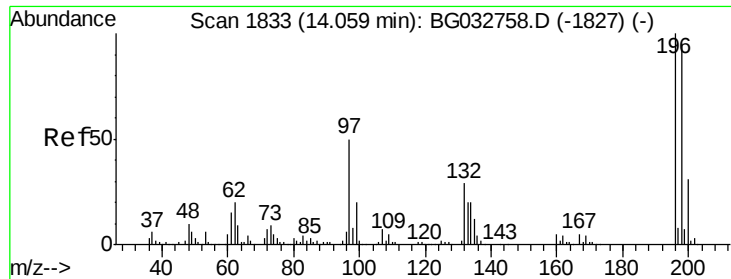
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





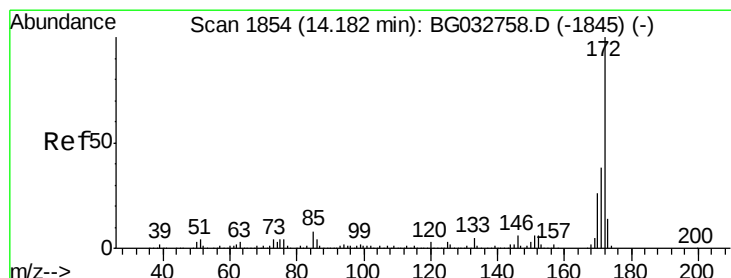
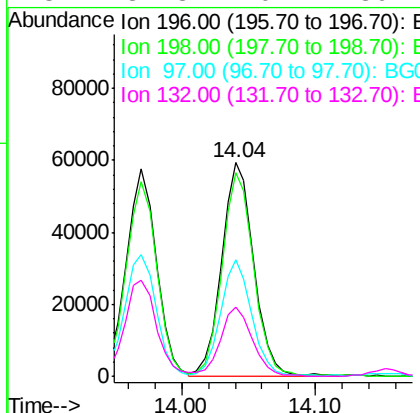
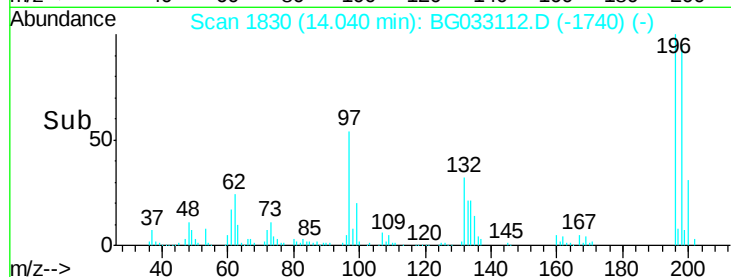
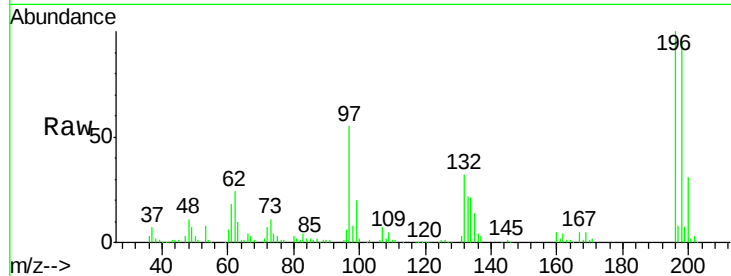
#43
 2,4,5-Trichlorophenol
 Concen: 43.474 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Instrument :
 BNA_G
 ClientSampleId :
 PB107261BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	99193		
198	95.2	76.2	114.4	
97	54.5	38.7	58.1	
132	32.3	20.2	30.2	

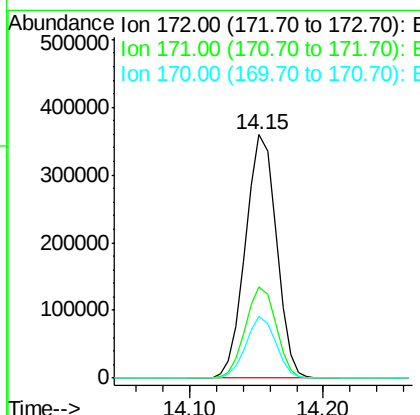
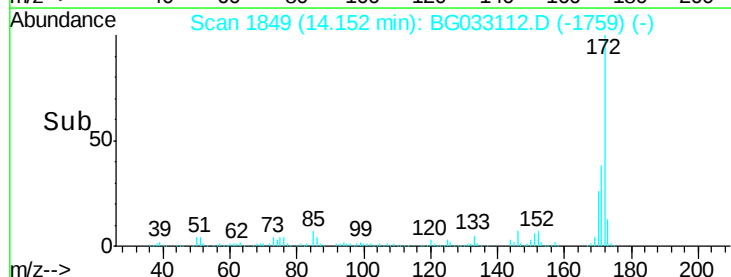
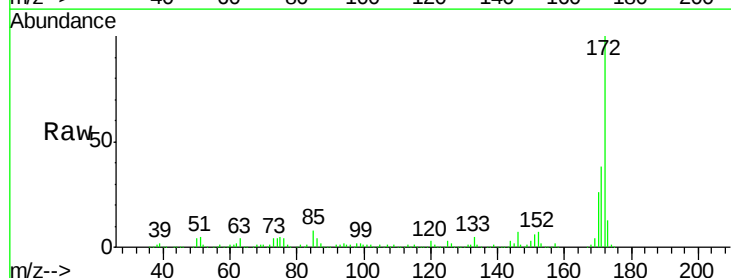
Manual Integrations
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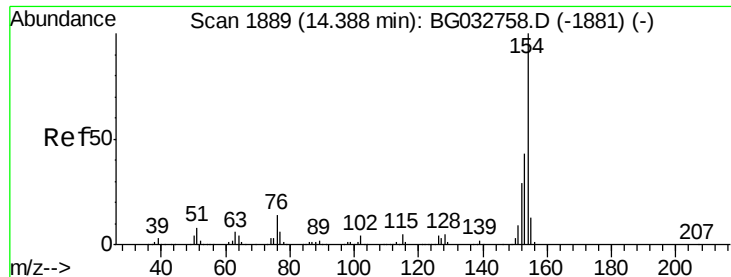
Sohil
 3/13/2018 4:20:41 PM



#44
 2-Fluorobiphenyl
 Concen: 78.761 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	575075		
171	37.5	30.0	45.0	
170	25.7	19.5	29.3	





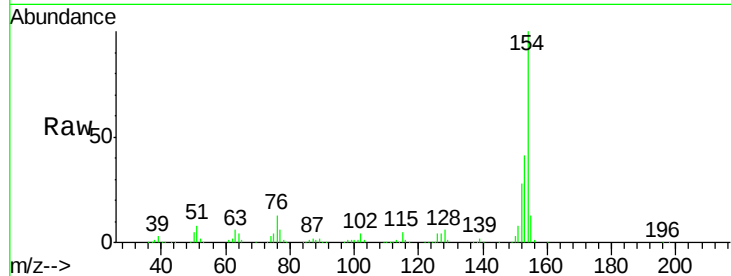
#45
1,1'-Biphenyl
Concen: 36.575 ng
RT: 14.36 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Instrument :
BNA_G
ClientSampleId :
PB107261BS

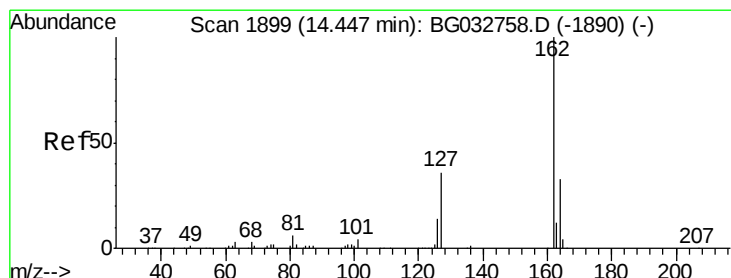
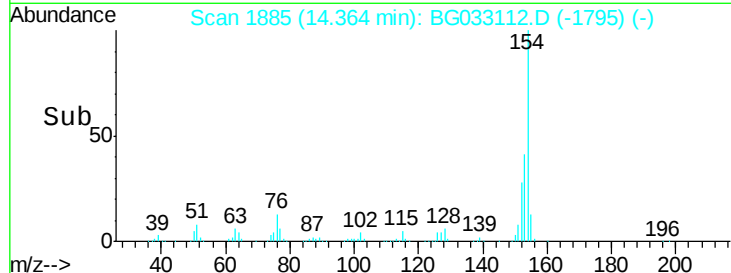
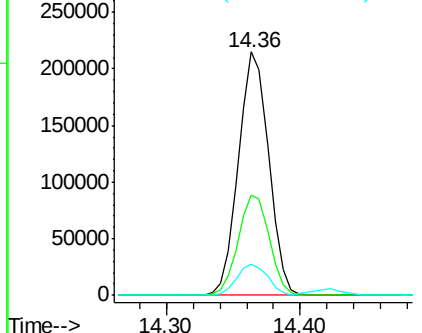
Tot Ion:	154	Resp:	336570
Ion Ratio	Lower	Upper	
154	100		
153	41.3	19.8	59.8
76	12.9	0.0	31.9

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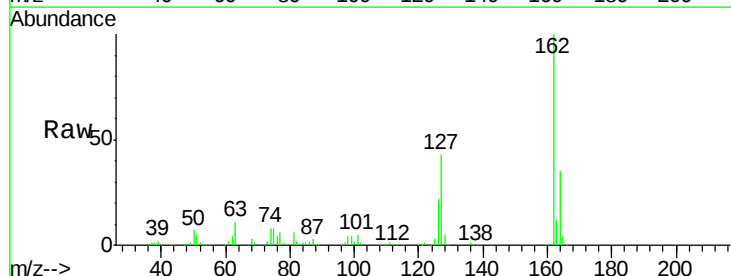


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

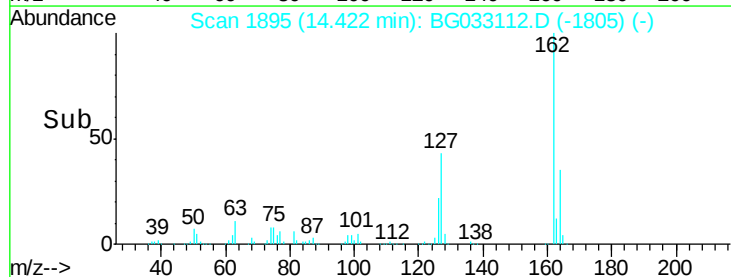
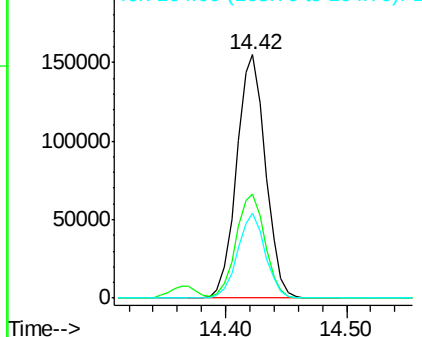


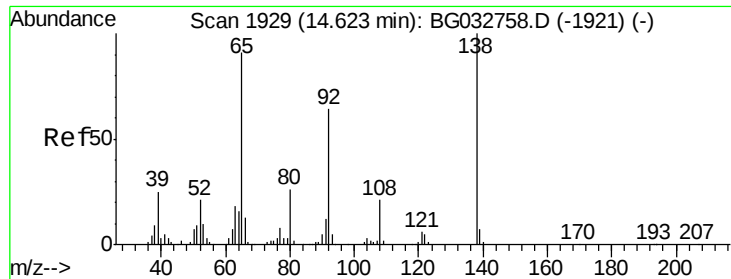
#46
2-Chloronaphthalene
Concen: 37.386 ng
RT: 14.42 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion:	162	Resp:	256989
Ion Ratio	Lower	Upper	
162	100		
127	42.8	30.7	46.1
164	34.7	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





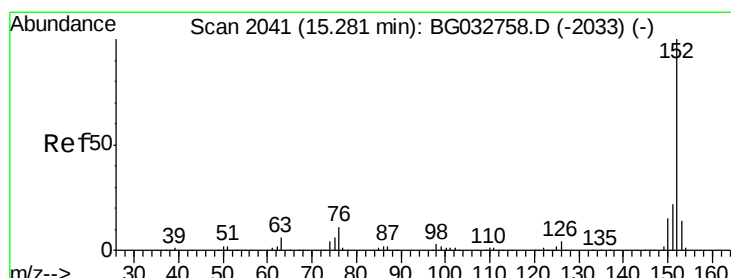
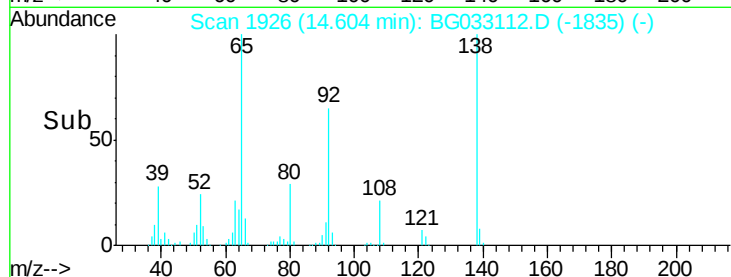
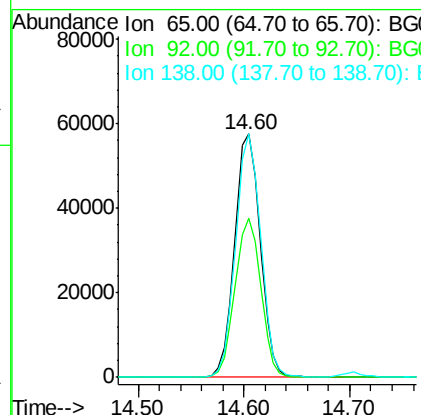
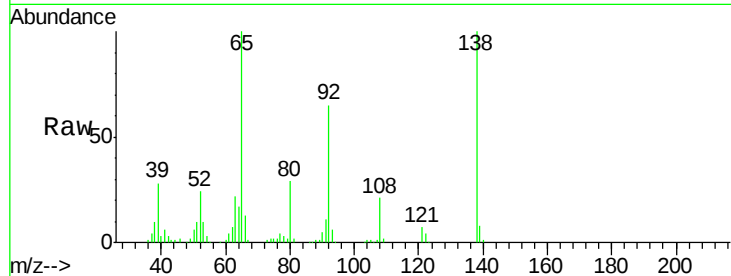
#47
2-Nitroaniline
Concen: 54.032 ng
RT: 14.60 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Instrument :
BNA_G
ClientSampleId :
PB107261BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.2	54.6	82.0
138	99.9	72.9	109.3

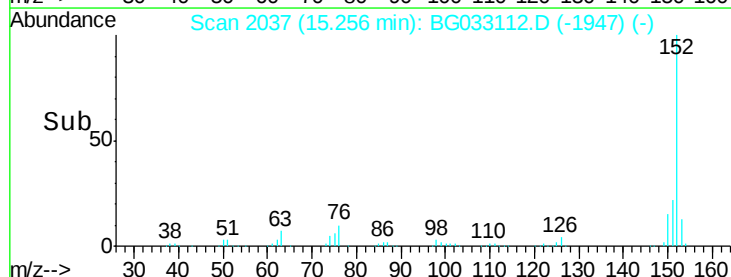
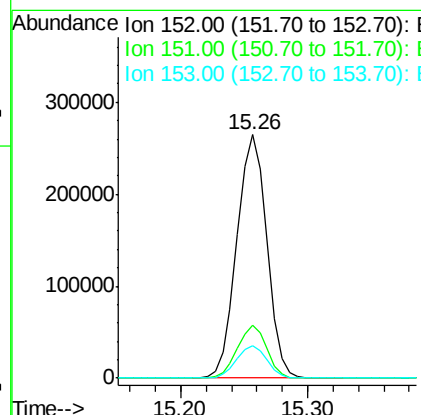
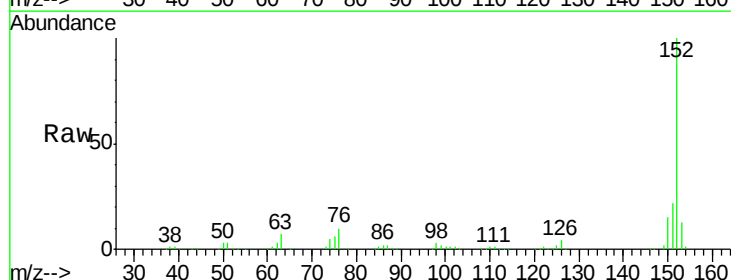
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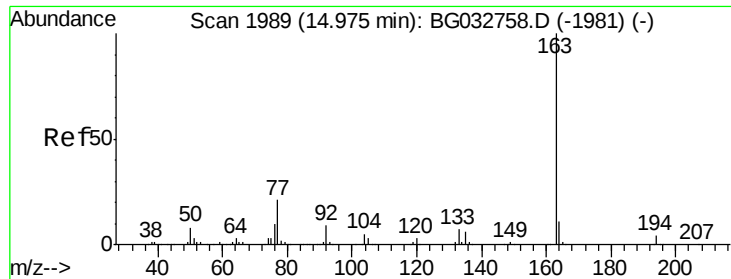
Sohil
3/13/2018 4:20:41 PM



#48
Acenaphthylene
Concen: 38.258 ng
RT: 15.26 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.2	25.8
153	13.5	10.2	15.4





#49

Dimethylphthalate

Concen: 39.006 ng

RT: 14.95 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

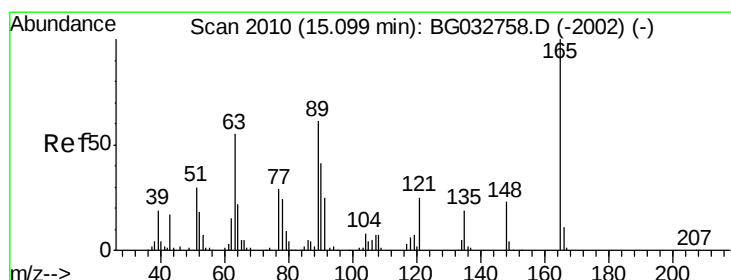
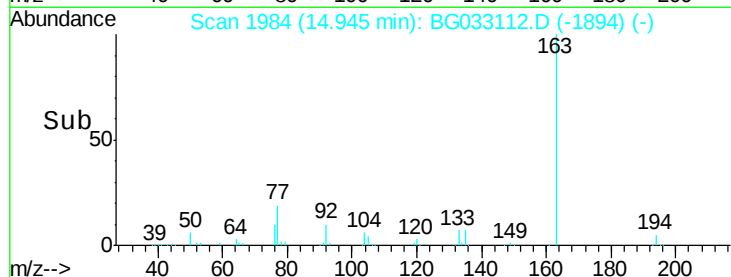
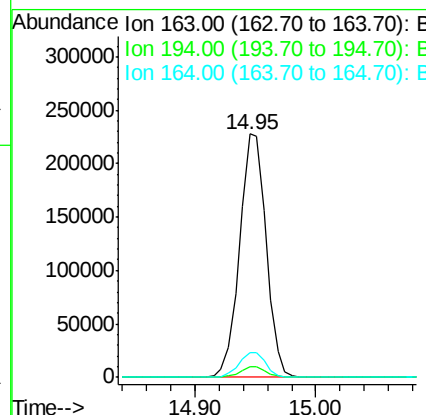
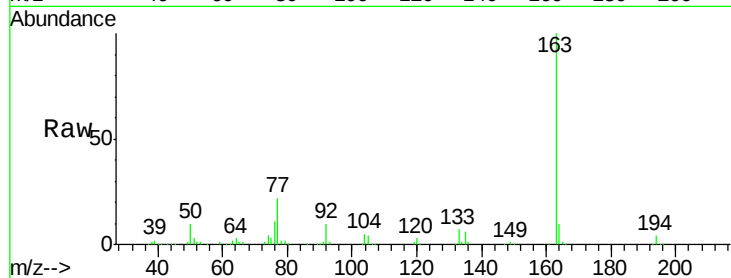
ClientSampleId :

PB107261BS

Tot Ion:	163	Resp:	348777
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.2
164	10.1	8.2	12.4

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#50

2,6-Dinitrotoluene

Concen: 50.822 ng

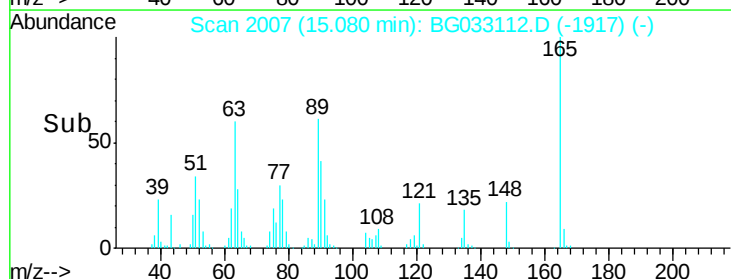
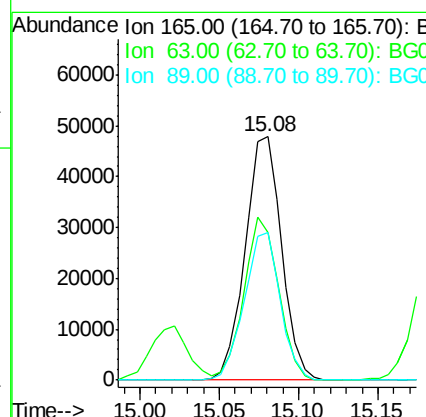
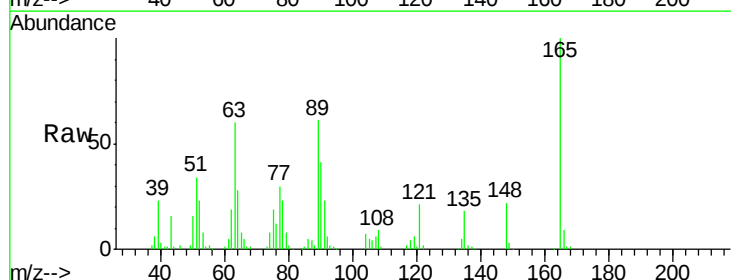
RT: 15.08 min Scan# 2007

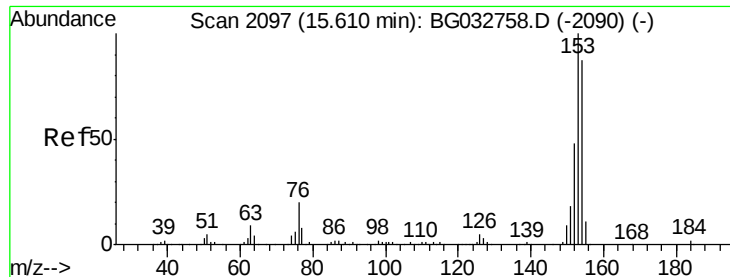
Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Tgt Ion:	165	Resp:	76165
Ion Ratio	Lower	Upper	
165	100		
63	60.4	52.7	79.1
89	60.6	49.2	73.8





#51

Acenaphthene

Concen: 41.440 ng

RT: 15.59 min Scan# 2094

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

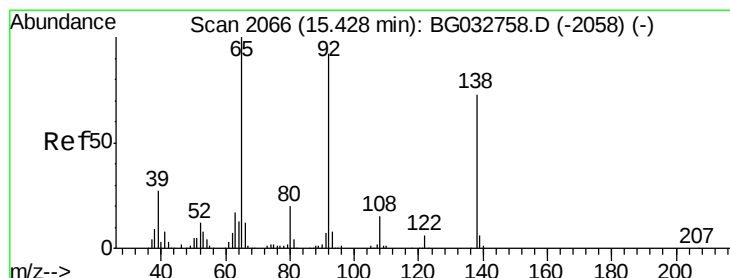
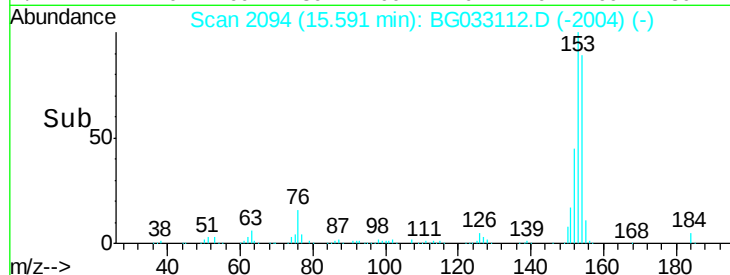
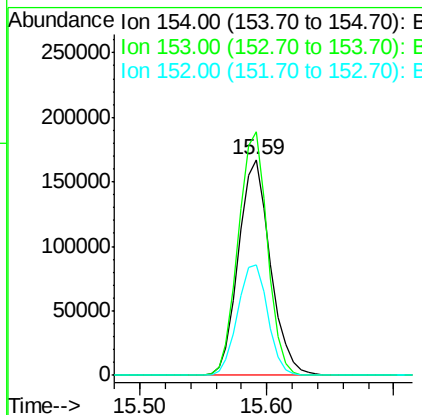
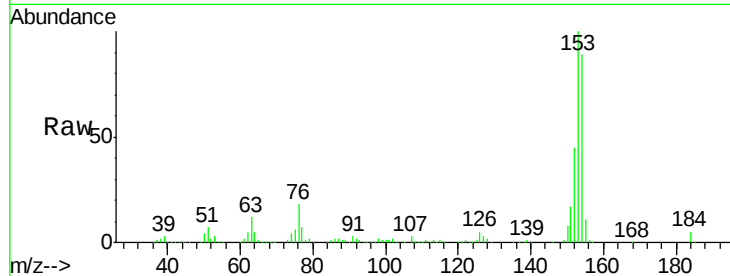
ClientSampleId :

PB107261BS

Tot Ion:	154	Resp:	290452
Ion Ratio	Lower	Upper	
154	100		
153	112.8	90.4	135.6
152	51.2	41.6	62.4

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#52

3-Nitroaniline

Concen: 23.968 ng

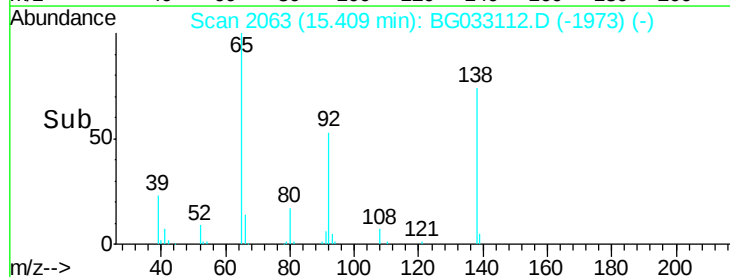
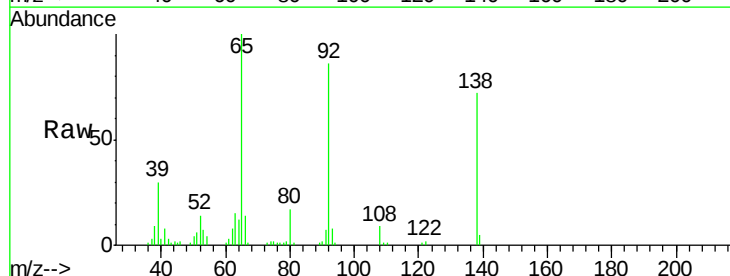
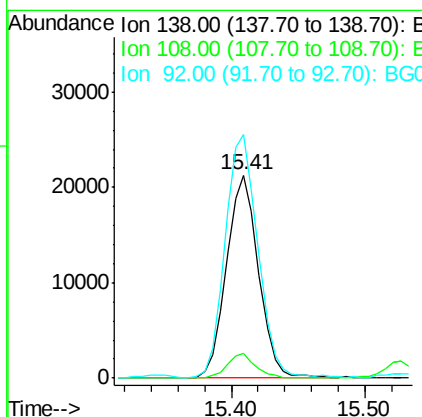
RT: 15.41 min Scan# 2063

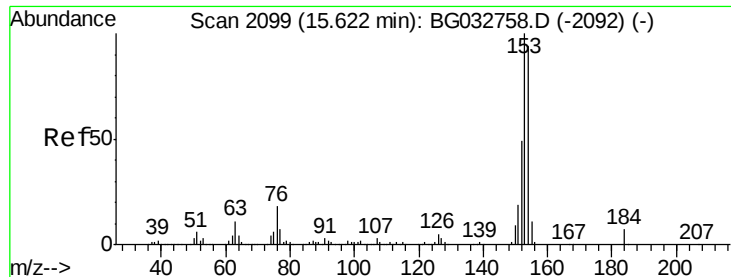
Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Tgt Ion:	138	Resp:	35680
Ion Ratio	Lower	Upper	
138	100		
108	12.1	17.5	26.3#
92	120.0	105.8	158.8





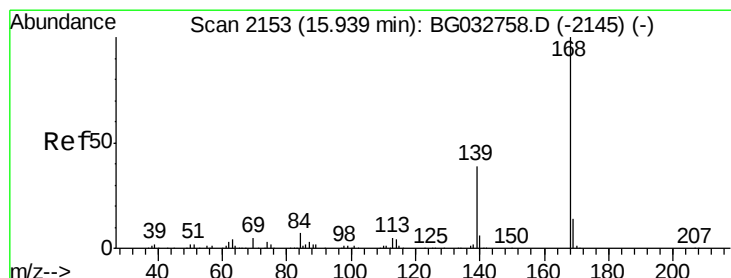
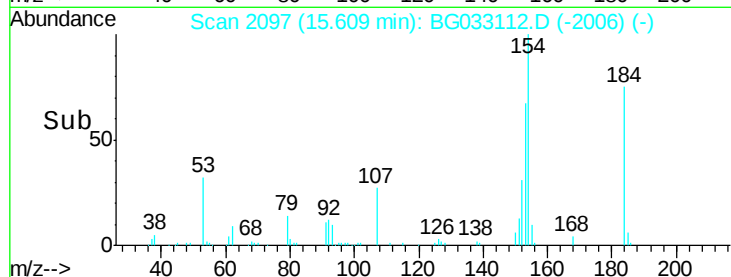
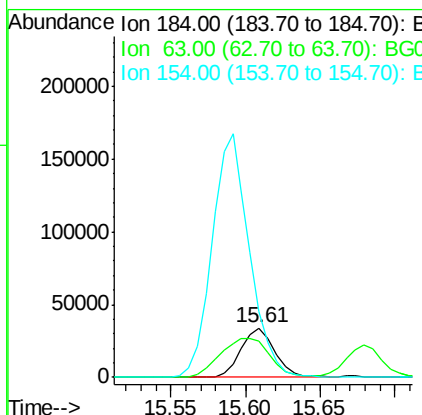
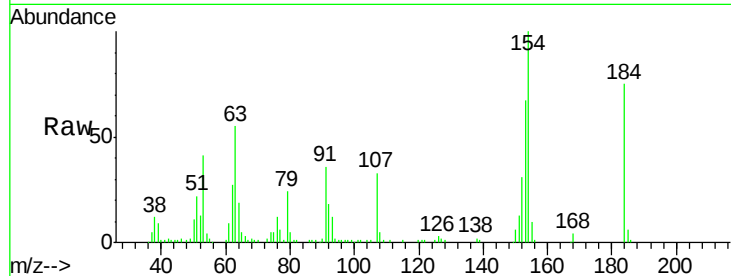
#53
2,4-Dinitrophenol
Concen: 103.230 ng
RT: 15.61 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Instrument :
BNA_G
ClientSampleId :
PB107261BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	73.7	59.8	89.8
154	133.9	101.8	152.8

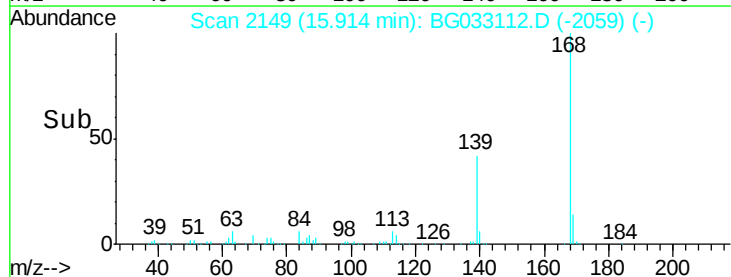
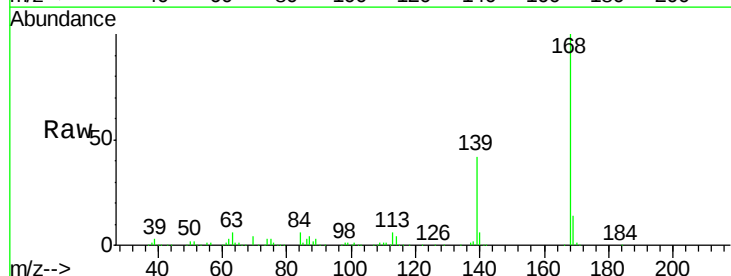
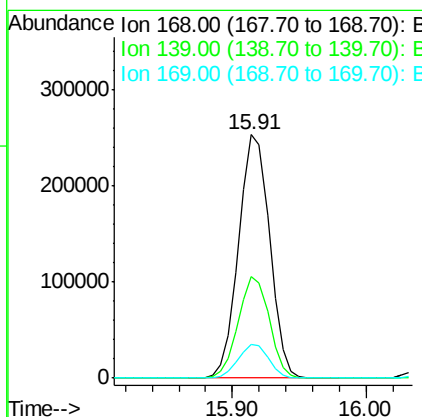
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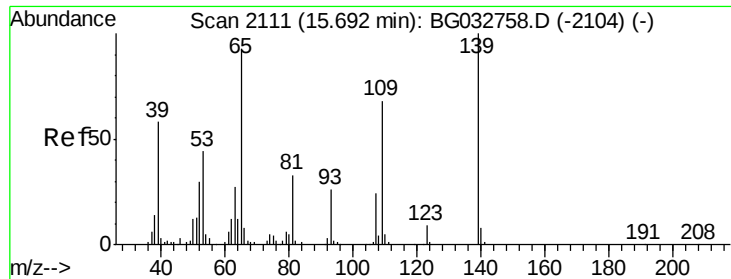
Sohil
3/13/2018 4:20:41 PM



#54
Dibenzofuran
Concen: 40.805 ng
RT: 15.91 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.7	28.6	43.0
169	13.9	11.2	16.8





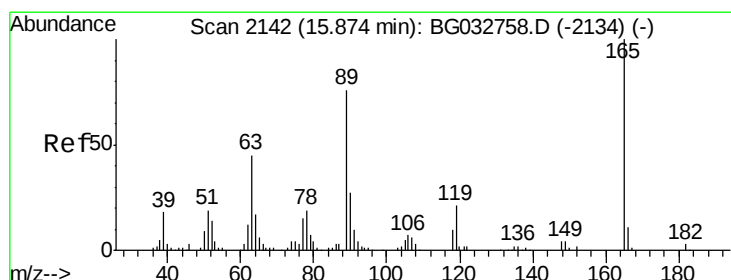
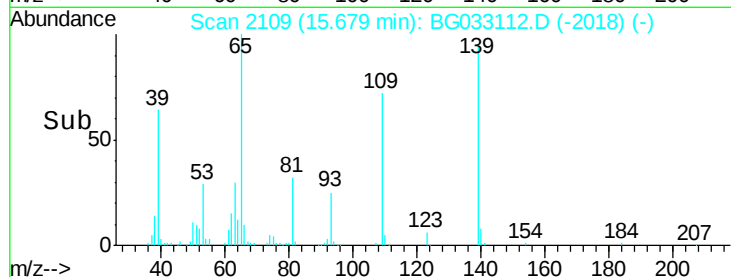
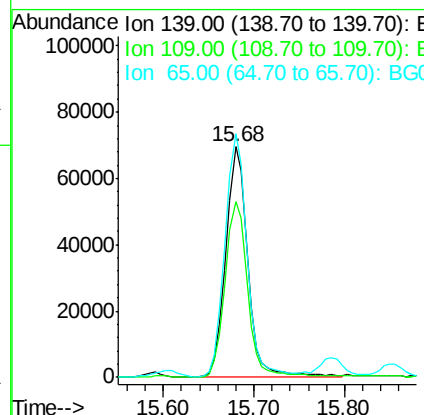
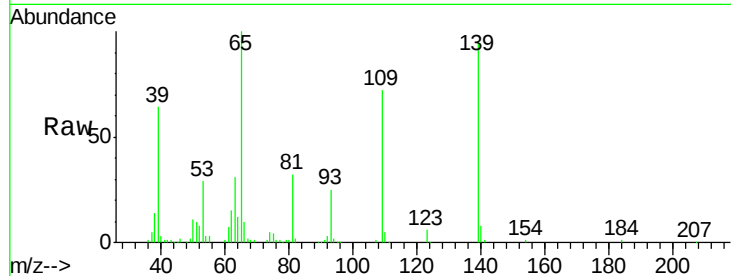
#55
4-Nitrophenol
Concen: 80.422 ng
RT: 15.68 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Instrument :
BNA_G
ClientSampled :
PB107261BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	117817		
109	76.2	62.2	102.2	
65	105.8	97.2	137.2	

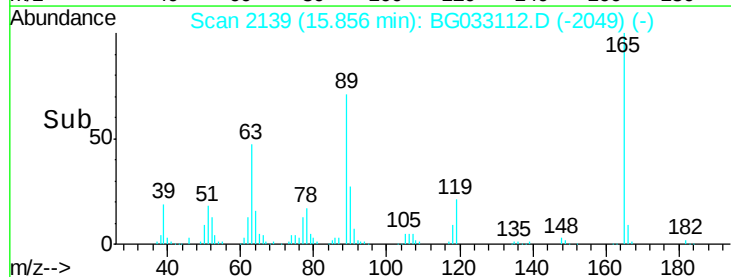
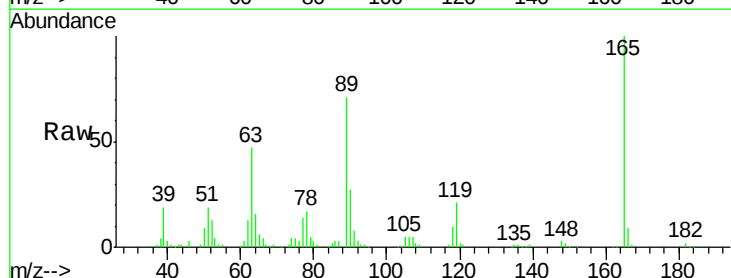
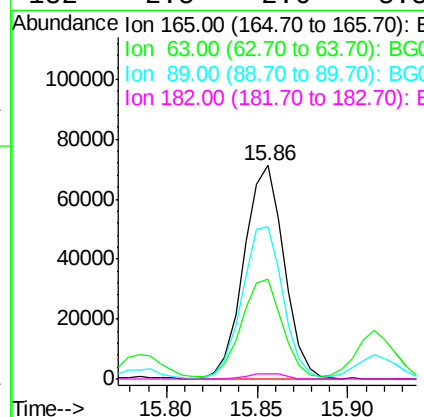
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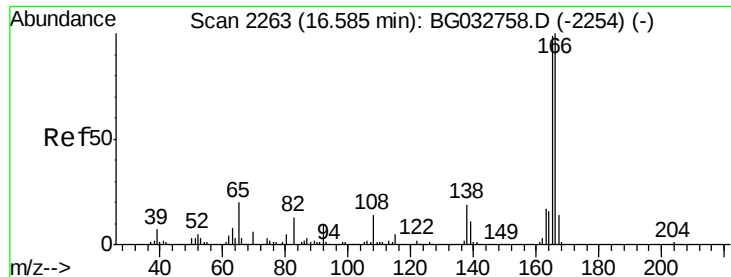
Sohil
3/13/2018 4:20:41 PM



#56
2,4-Dinitrotoluene
Concen: 59.428 ng
RT: 15.86 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	109679		
63	46.6	42.0	63.0	
89	71.1	66.9	100.3	
182	2.5	2.6	3.8	





#57

Fluorene

Concen: 40.203 ng

RT: 16.56 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

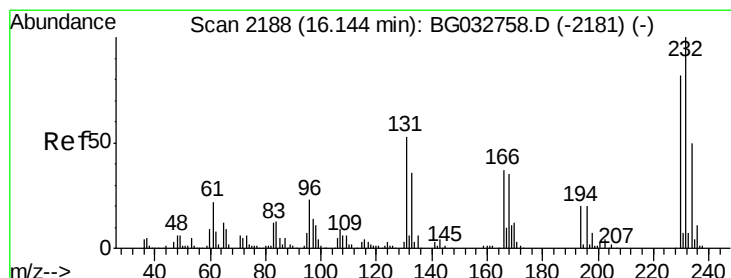
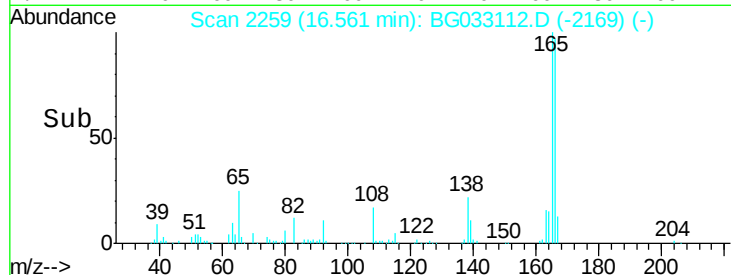
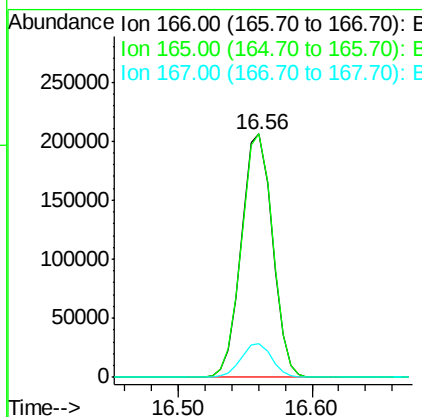
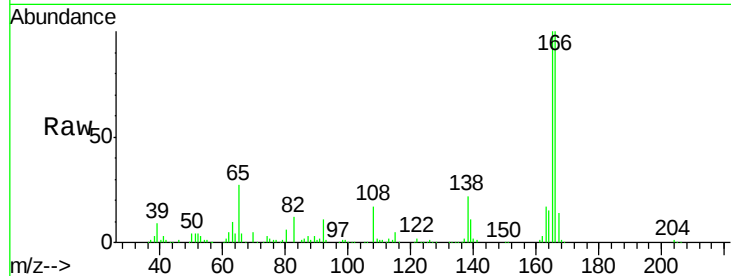
ClientSampled :

PB107261BS

Tot Ion:	166	Resp:	331154
Ion Ratio		Lower	Upper
166	100		
165	100.0	80.6	121.0
167	14.1	10.4	15.6

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3/13/2018 4:20:41 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.442 ng m

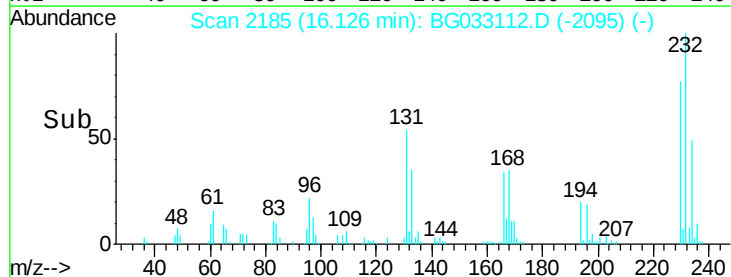
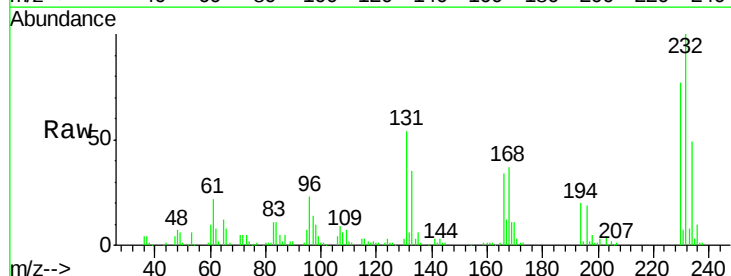
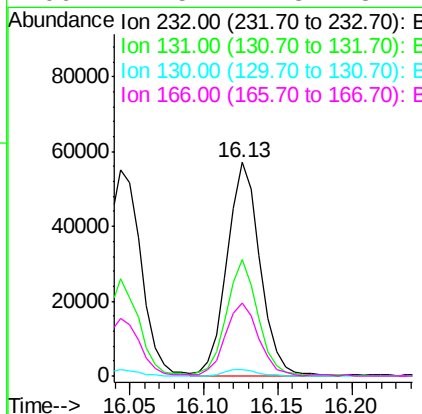
RT: 16.13 min Scan# 2185

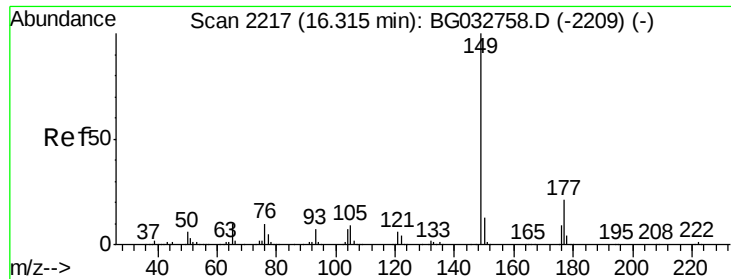
Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Tgt Ion:	232	Resp:	89358
Ion Ratio		Lower	Upper
232	100		
131	43.8	33.5	50.3
130	2.7	2.2	3.2
166	27.5	24.8	37.2





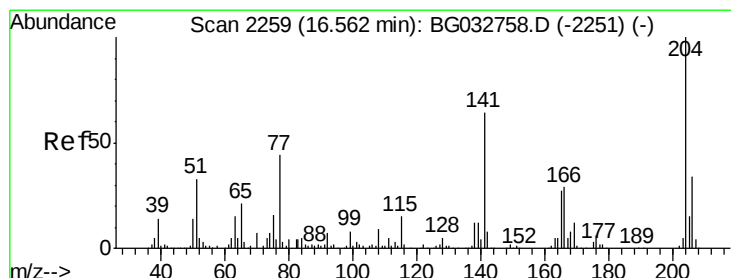
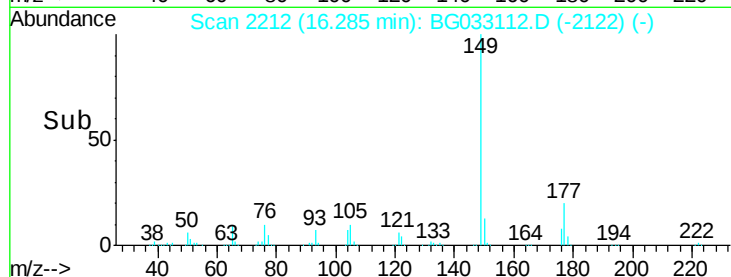
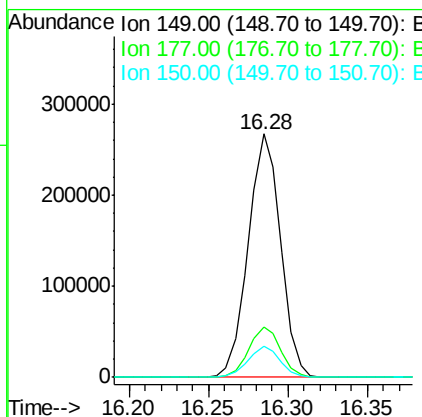
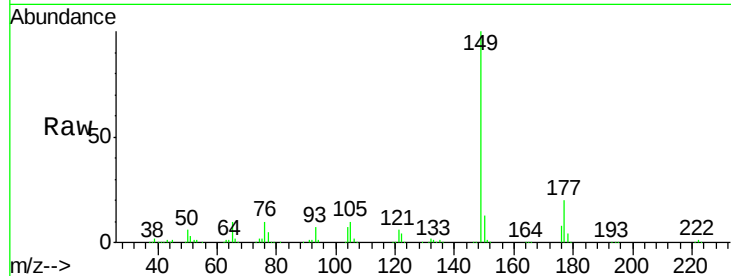
#59
Diethylphthalate
Concen: 40.013 ng
RT: 16.28 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Instrument :
BNA_G
ClientSampleId :
PB107261BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	377360		
177	20.5	18.5	27.7	
150	12.6	10.2	15.2	

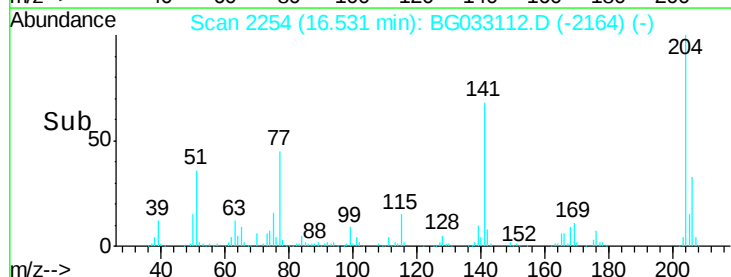
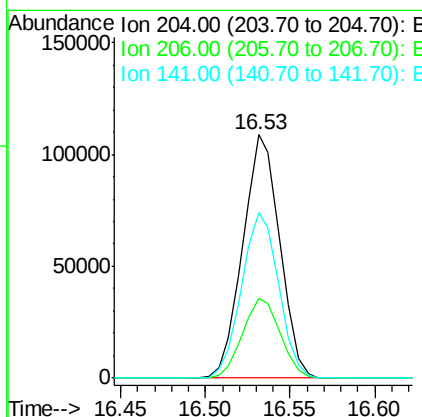
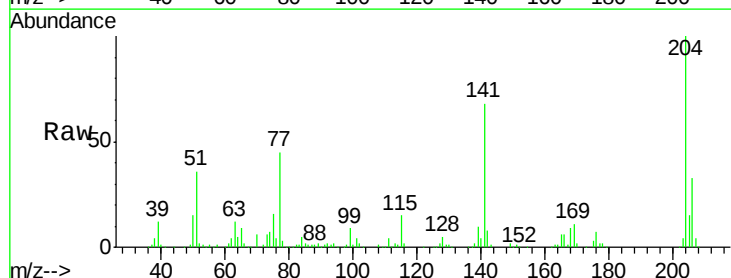
Manual Integrations
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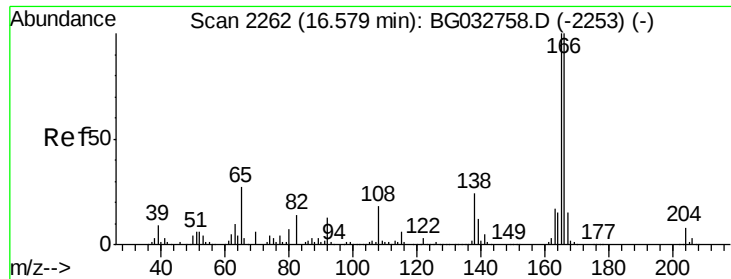
Sohil
3/13/2018 4:20:41 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.031 ng
RT: 16.53 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	165334		
206	32.7	26.2	39.2	
141	67.9	45.8	68.6	





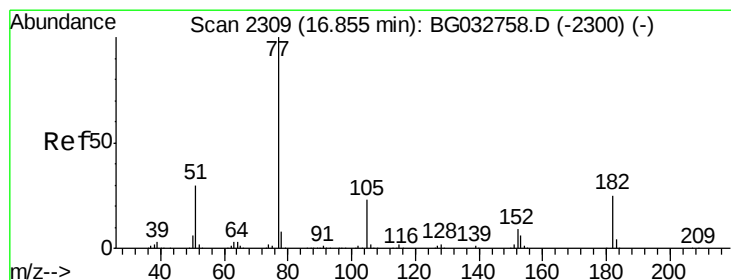
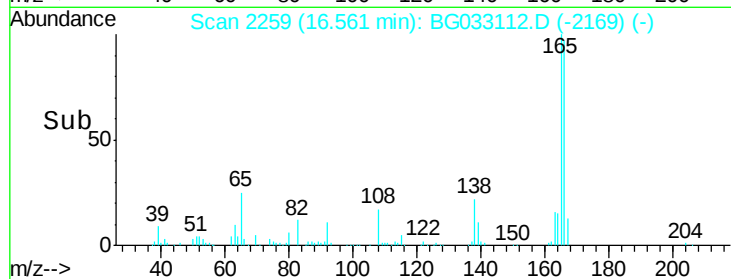
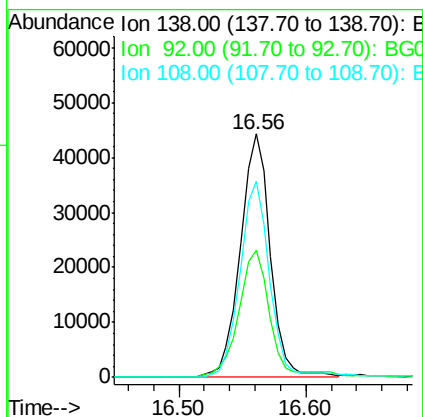
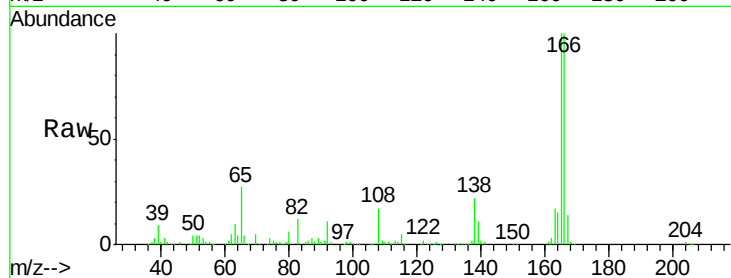
#61
4-Nitroaniline
Concen: 38.590 ng
RT: 16.56 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Instrument :
BNA_G
ClientSampleId :
PB107261BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.0	40.1	80.1
108	80.5	65.4	105.4

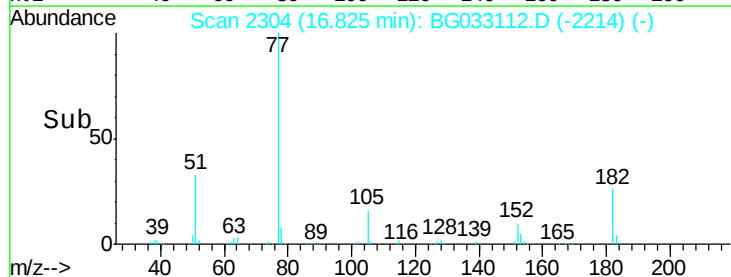
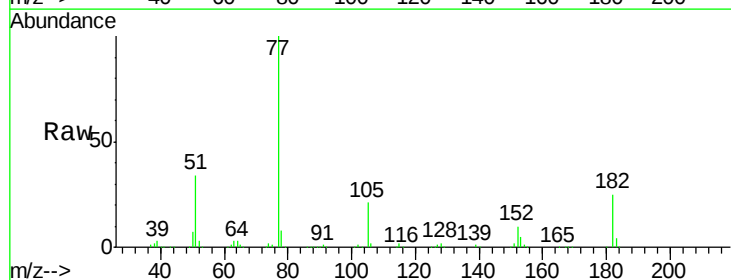
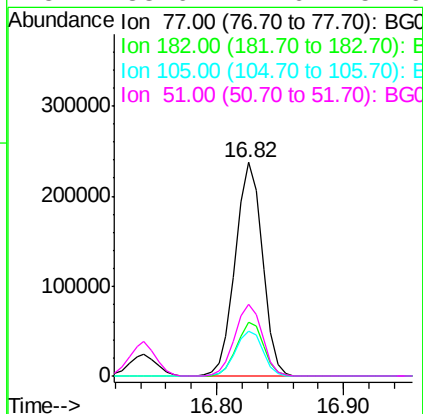
Manual Integrations
APPROVED

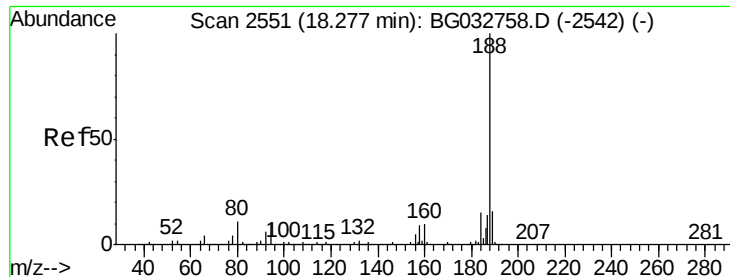
Sohil
3/13/2018 4:20:41 PM



#62
Azobenzene
Concen: 41.593 ng
RT: 16.82 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.2	7.4	47.4
105	20.8	0.3	40.3
51	33.6	11.6	51.6





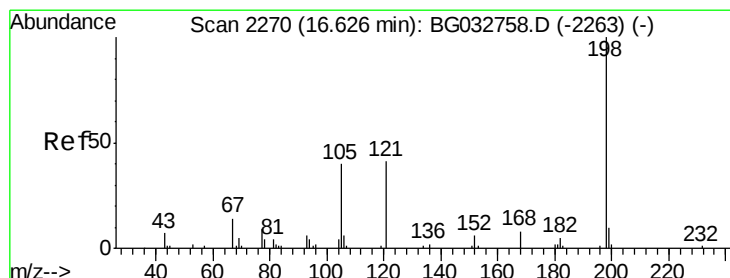
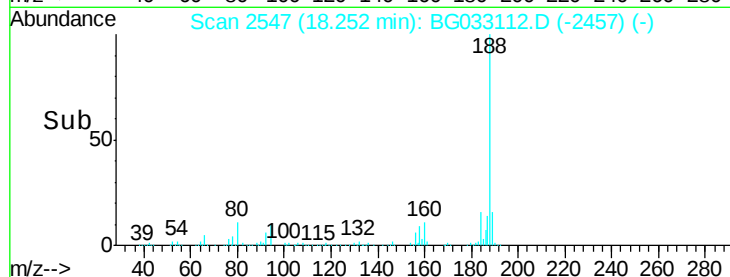
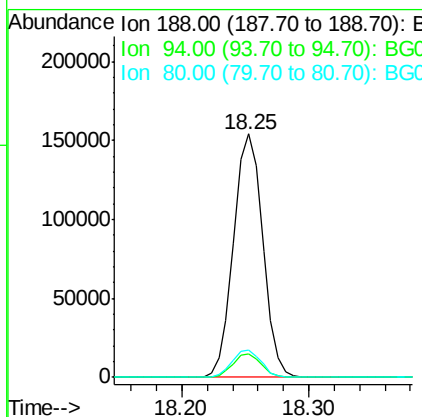
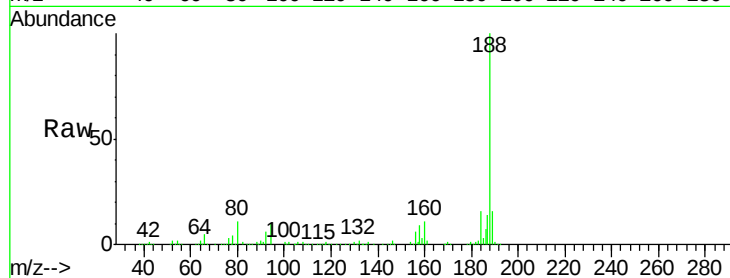
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Instrument :
BNA_G
ClientSampleId :
PB107261BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.8	6.9	10.3
80	11.4	7.7	11.5

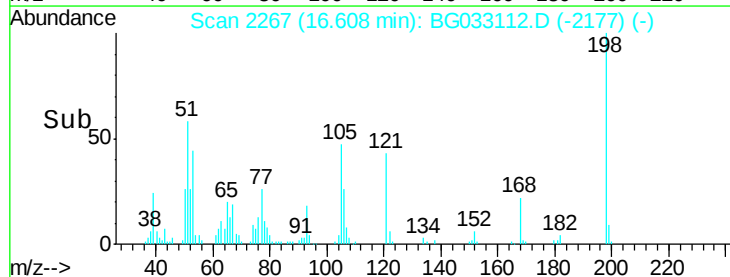
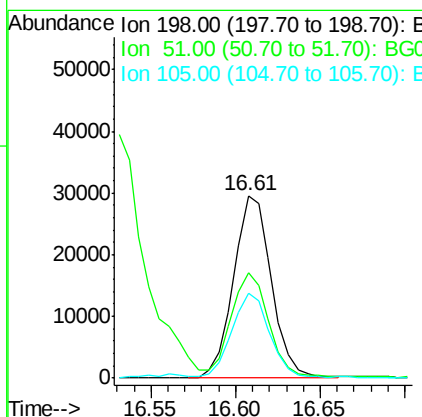
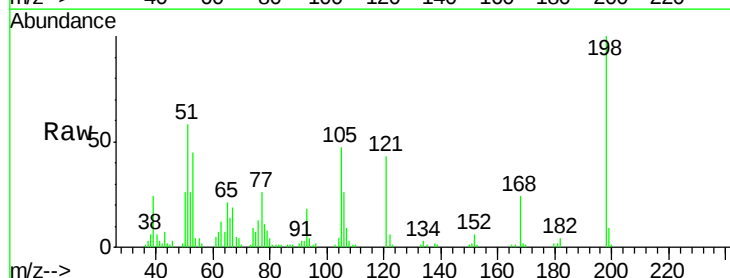
Manual Integrations
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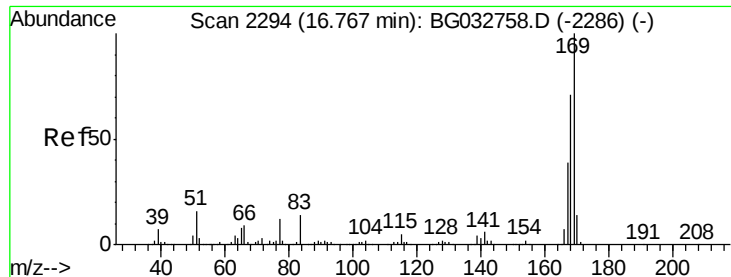
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 58.940 ng
RT: 16.61 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	58.0	30.6	70.6
105	46.7	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 38.232 ng

RT: 16.74 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

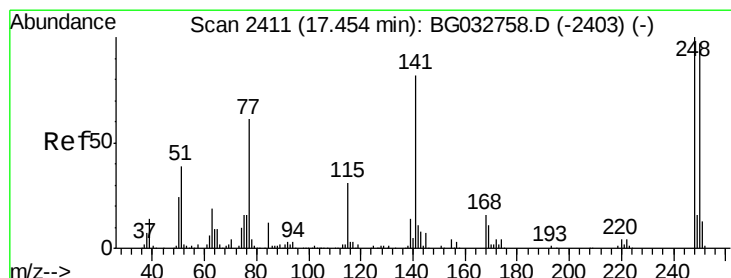
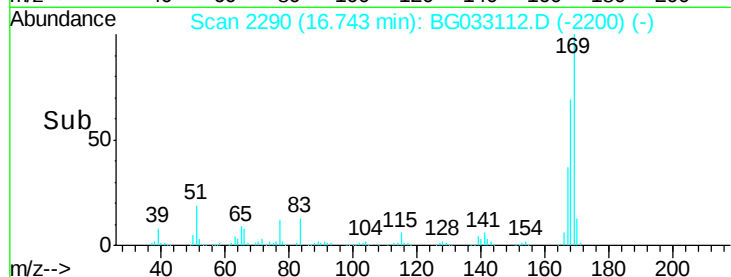
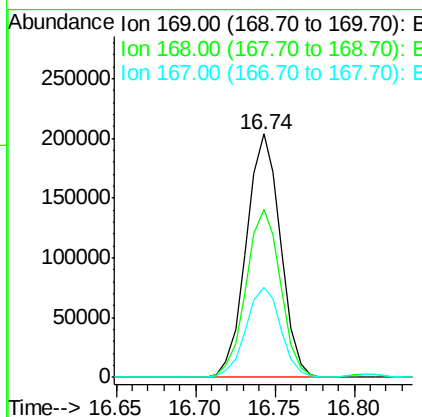
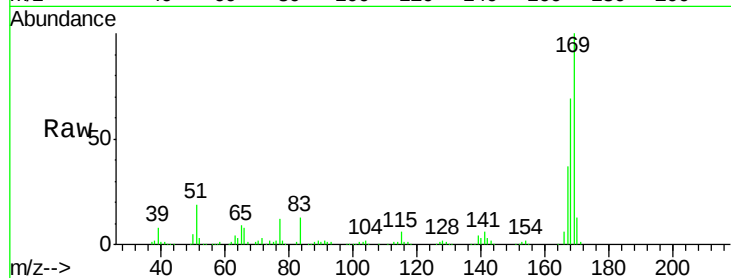
ClientSampleId :

PB107261BS

Tot Ion:	169	Resp:	305190
Ion Ratio	Lower	Upper	
169	100		
168	68.9	55.7	83.5
167	37.2	30.1	45.1

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 40.569 ng

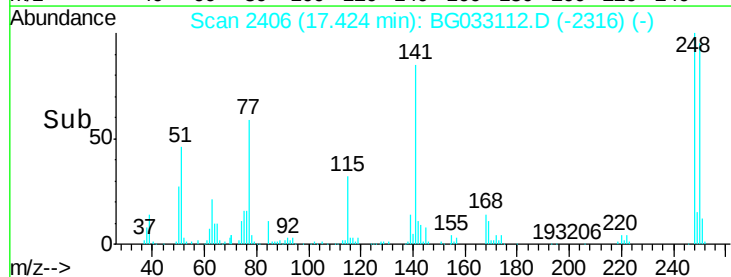
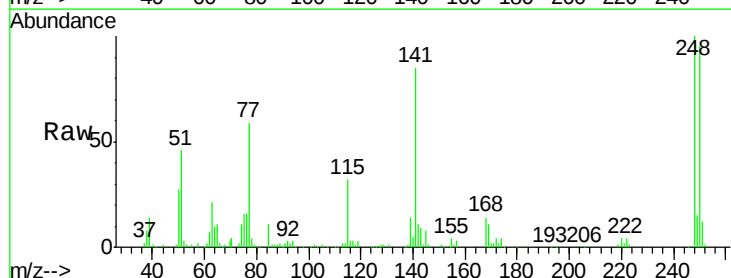
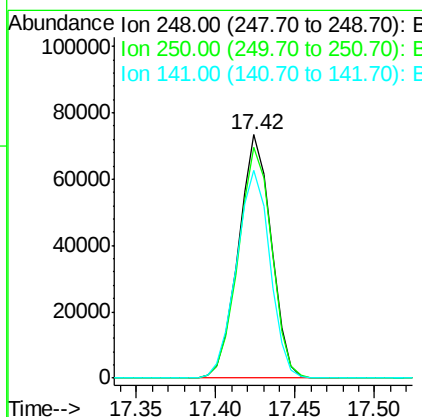
RT: 17.42 min Scan# 2406

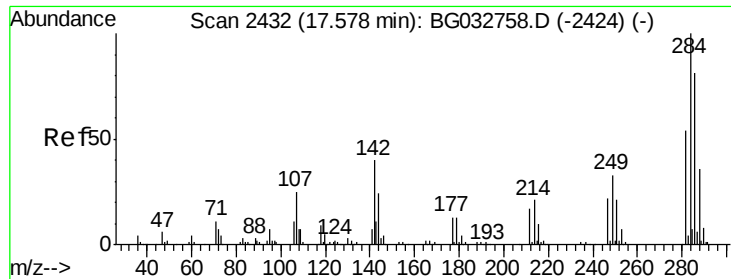
Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Tgt Ion:	248	Resp:	105263
Ion Ratio	Lower	Upper	
248	100		
250	94.8	77.1	115.7
141	85.2	50.8	76.2#





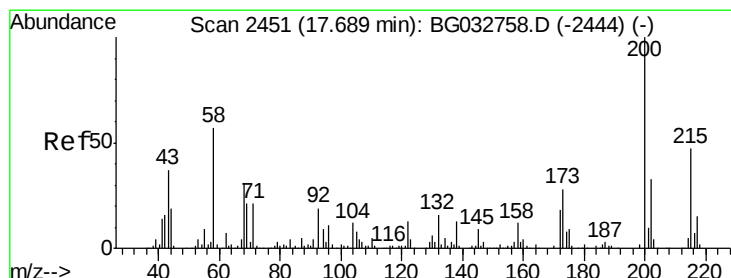
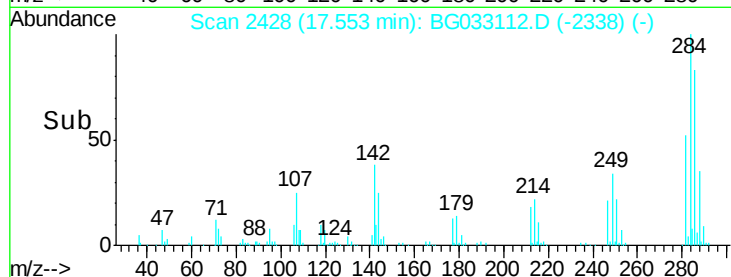
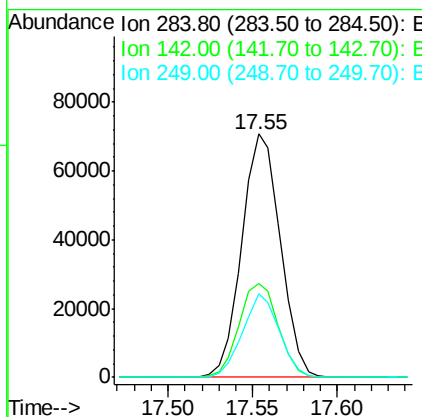
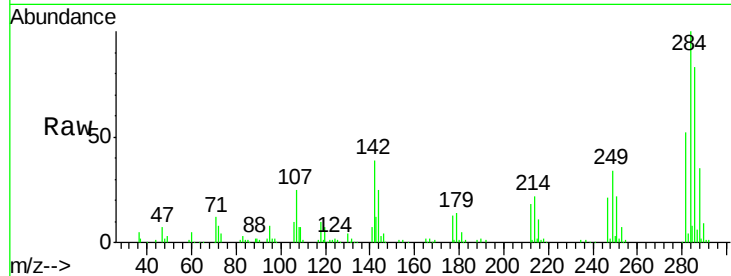
#67
Hexachlorobenzene
Concen: 39.839 ng
RT: 17.55 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Instrument :
BNA_G
ClientSampleId :
PB107261BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	111706		
142	38.6	26.8	40.2	
249	34.2	26.3	39.5	

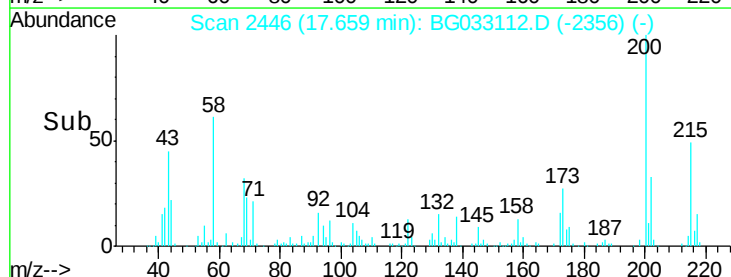
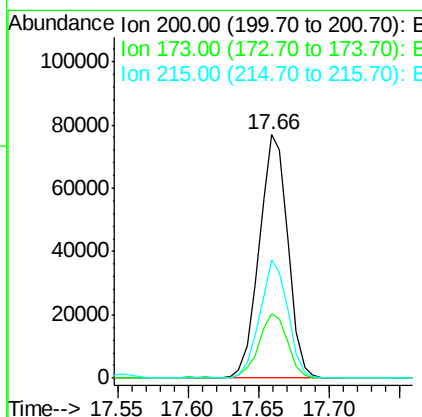
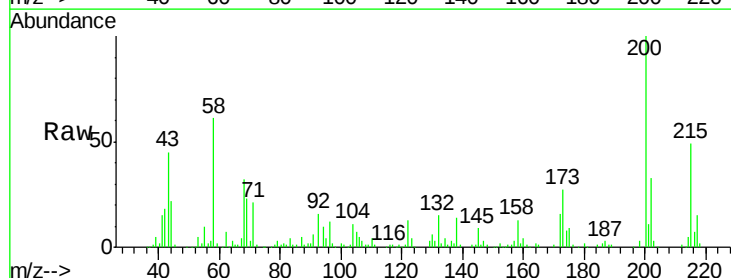
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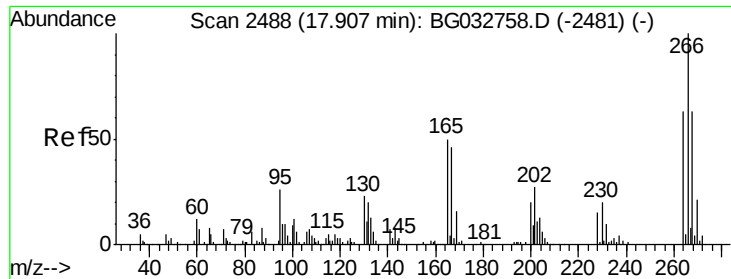
Sohil
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#68
Atrazine
Concen: 41.540 ng
RT: 17.66 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	109149		
173	26.7	5.2	45.2	
215	48.6	30.4	70.4	





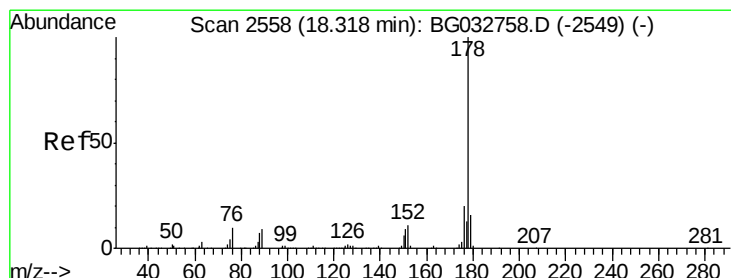
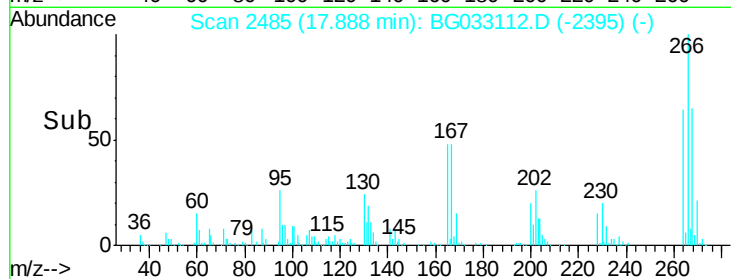
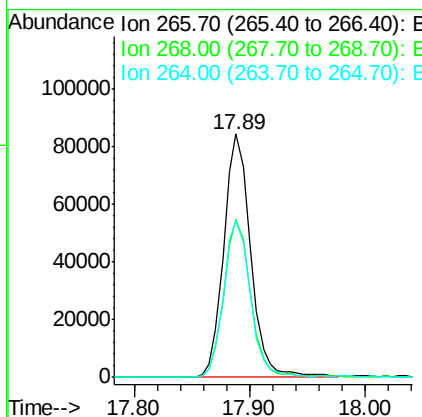
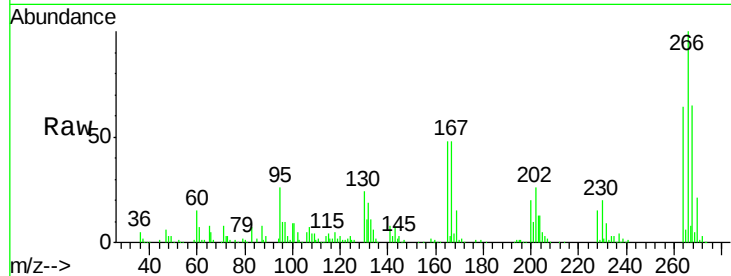
#69
 Pentachlorophenol
 Concen: 77.305 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Instrument :
 BNA_G
 ClientSampled :
 PB107261BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.1	76.7
264	64.2	49.6	74.4

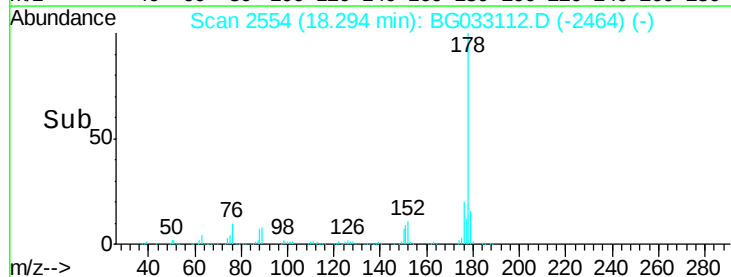
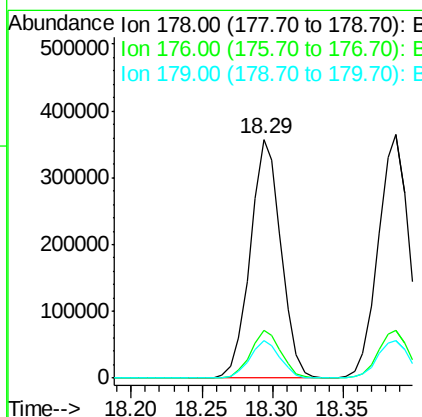
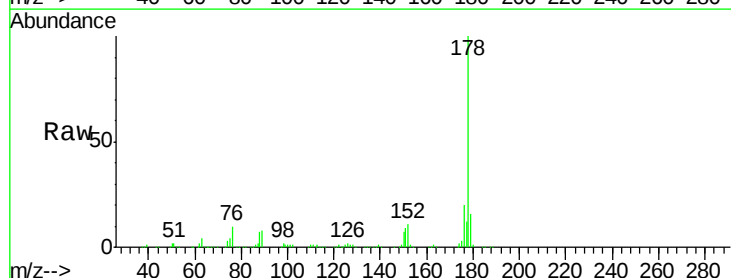
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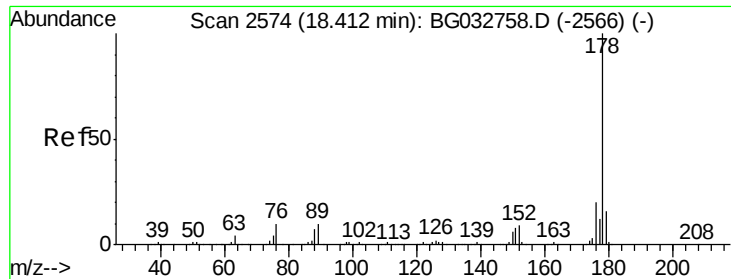
Sohil
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#70
 Phenanthrene
 Concen: 39.832 ng
 RT: 18.29 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	16.0	12.5	18.7





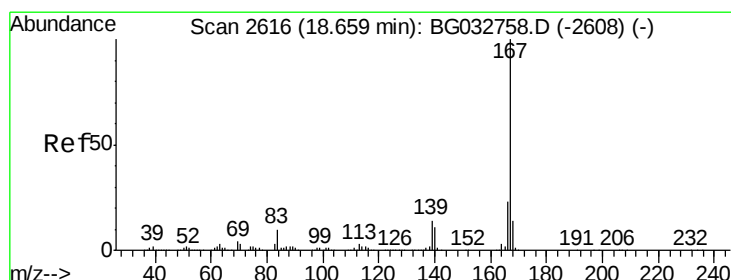
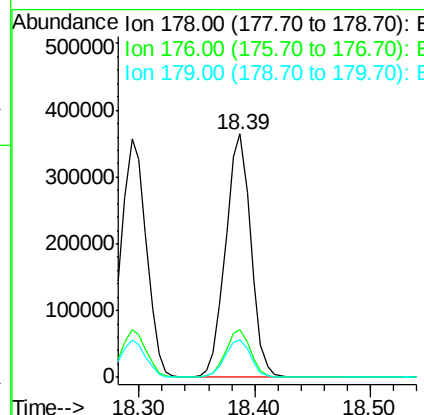
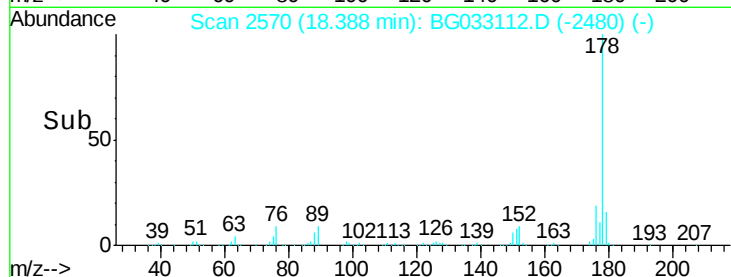
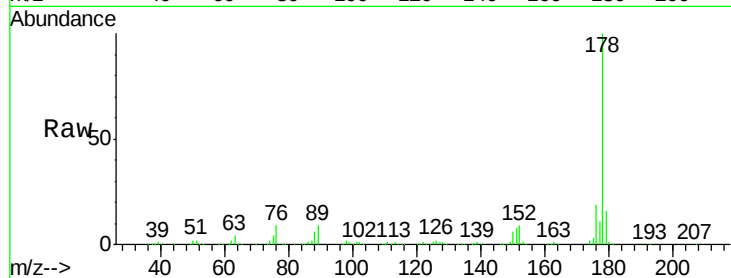
#71
 Anthracene
 Concen: 40.061 ng
 RT: 18.39 min Scan# 2570
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Instrument :
 BNA_G
 ClientSampleId :
 PB107261BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	15.6	12.5	18.7

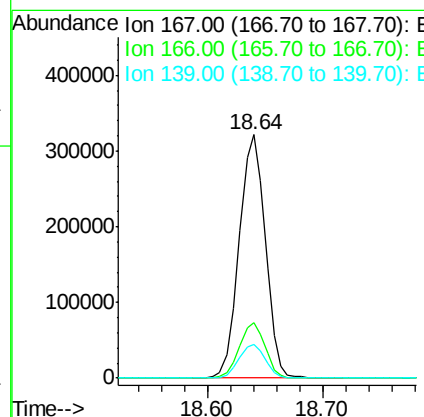
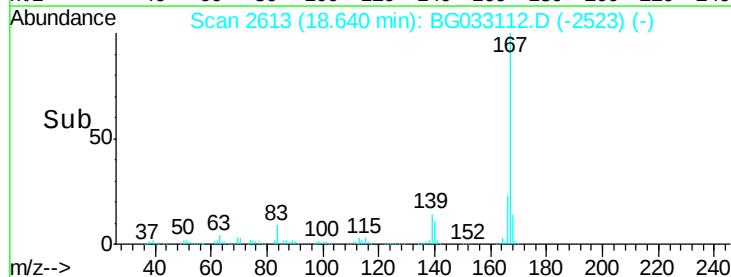
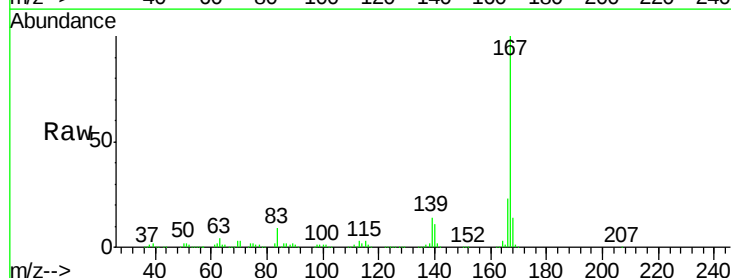
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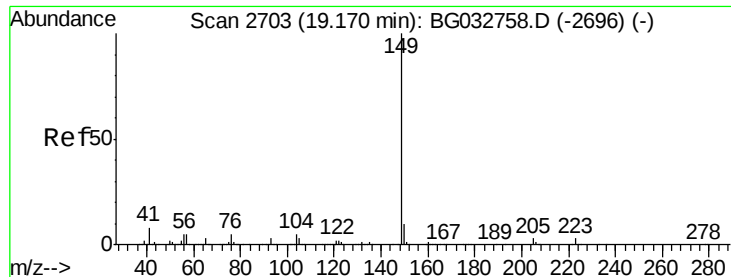
Sohil
 3/13/2018 4:20:41 PM



#72
 Carbazole
 Concen: 37.238 ng
 RT: 18.64 min Scan# 2613
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.4
139	14.0	9.4	14.2





#73

Di-n-butylphthalate

Concen: 38.462 ng

RT: 19.13 min Scan# 2697

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

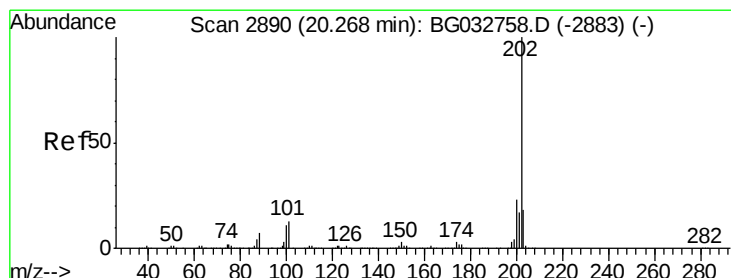
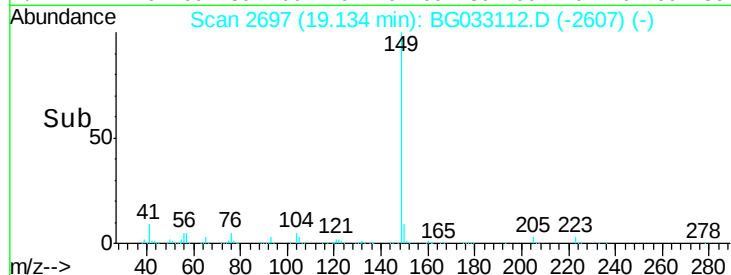
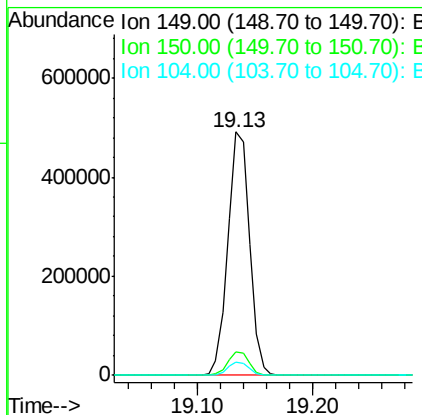
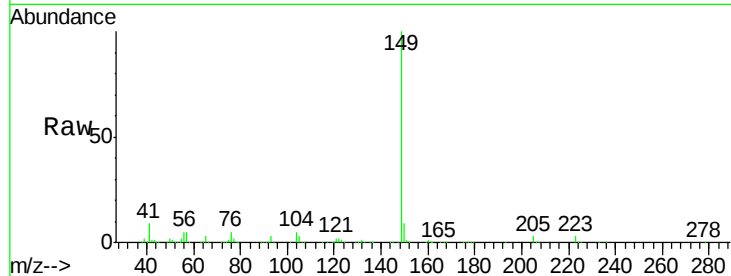
ClientSampleId :

PB107261BS

Tot Ion:	149	Resp:	639209
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	5.4	3.9	5.9

Manual Integrations
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3/13/2018 4:20:41 PM



#74

Fluoranthene

Concen: 40.512 ng

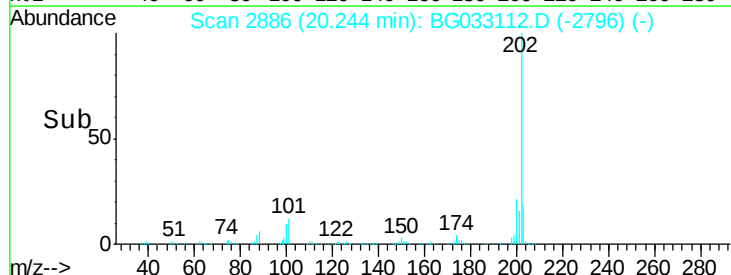
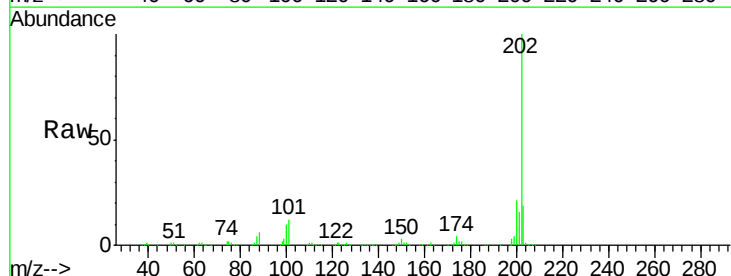
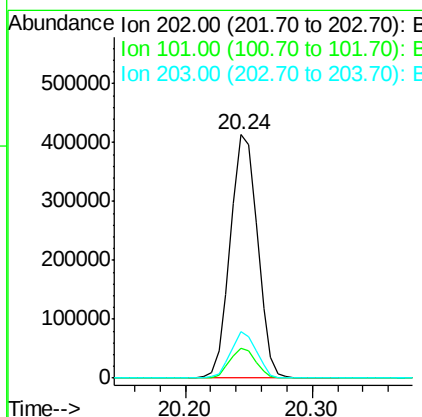
RT: 20.24 min Scan# 2886

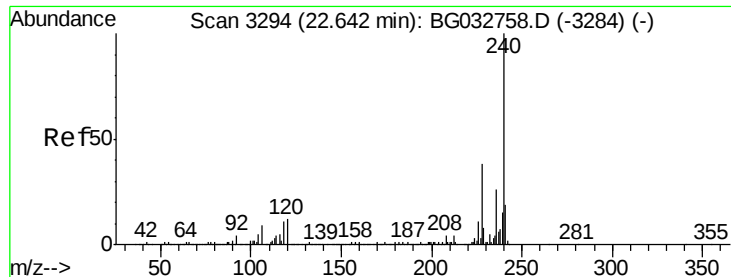
Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Tgt Ion:	202	Resp:	612623
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	28.9
203	18.8	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3288

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

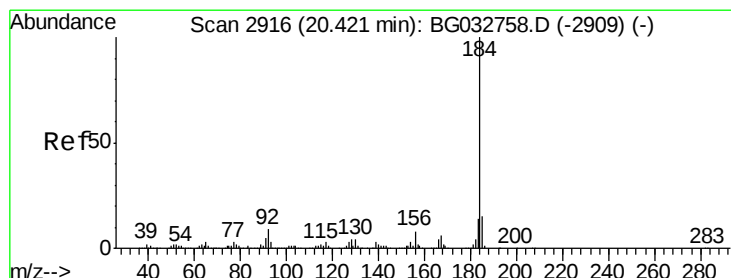
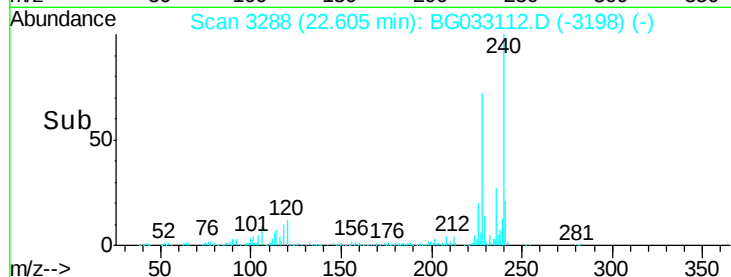
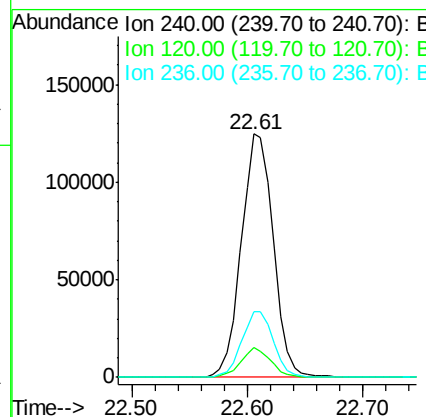
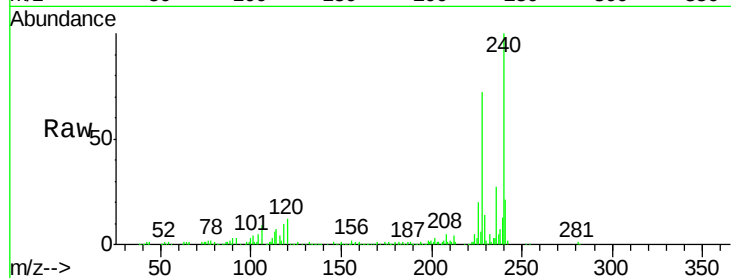
ClientSampleId :

PB107261BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	6.8	10.2#
236	26.9	20.9	31.3

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#76

Benzidine

Concen: 9.276 ng

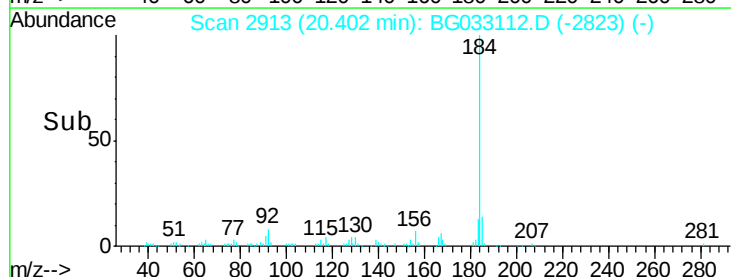
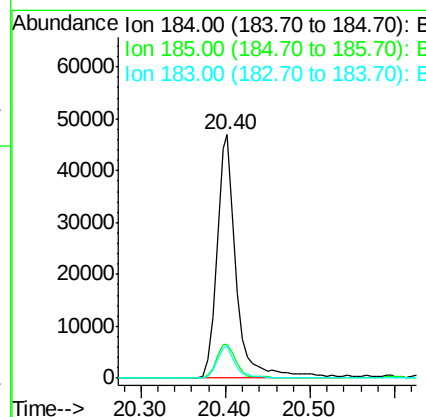
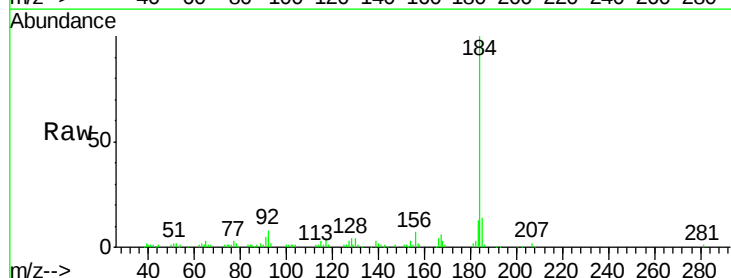
RT: 20.40 min Scan# 2913

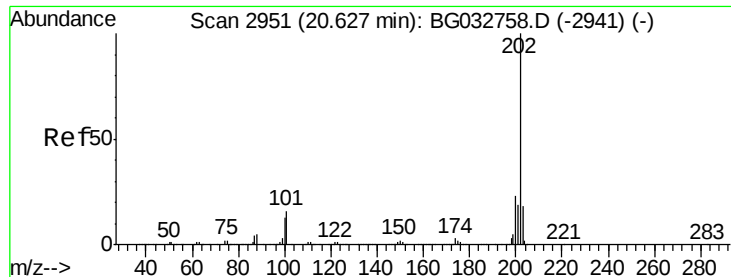
Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.1	16.7
183	13.1	10.6	16.0





#77

Pvrene

Concen: 36.812 ng

RT: 20.60 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

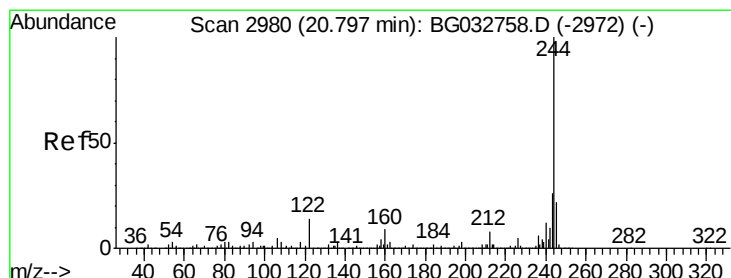
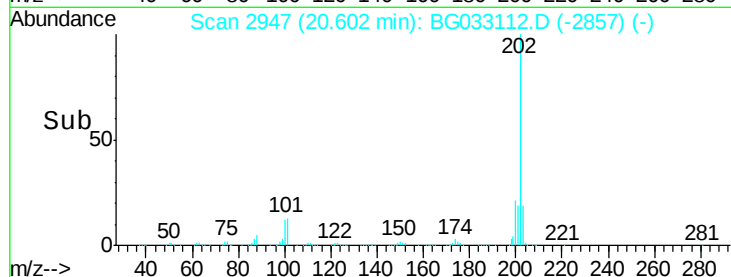
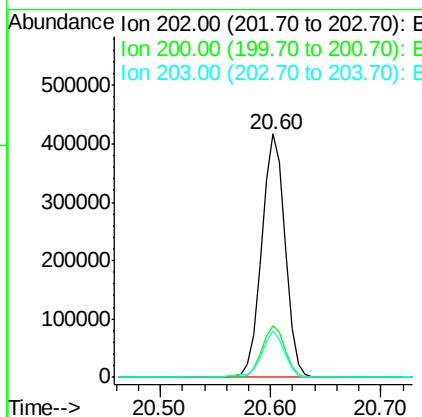
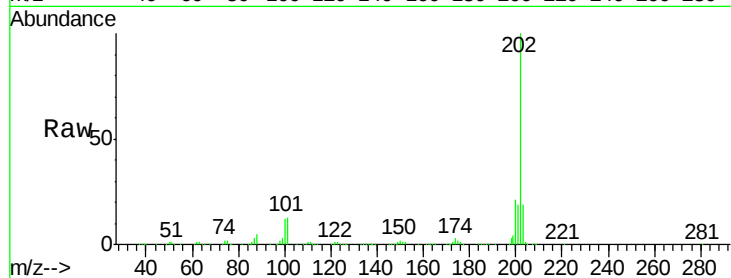
ClientSampleId :

PB107261BS

Tot Ion:	202	Resp:	620049
Ion Ratio		Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.9	13.9	20.9

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#78

Terphenyl-d14

Concen: 84.796 ng

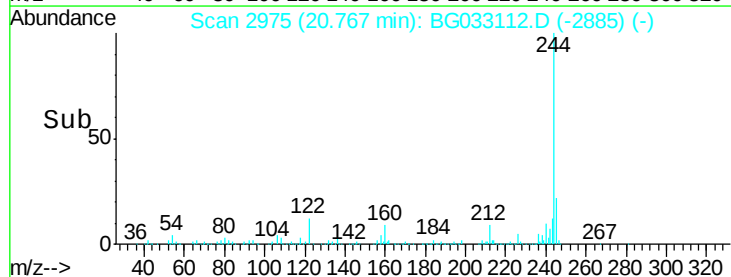
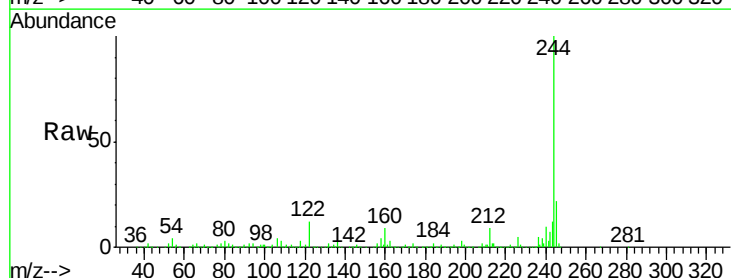
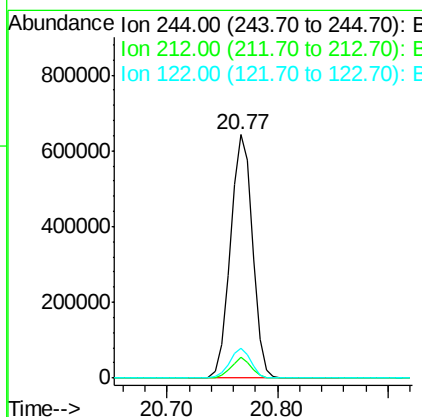
RT: 20.77 min Scan# 2975

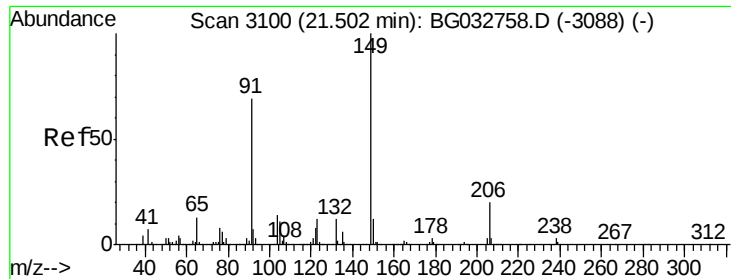
Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Tgt Ion:	244	Resp:	901452
Ion Ratio		Lower	Upper
244	100		
212	8.5	5.8	8.8
122	12.1	7.0	10.4





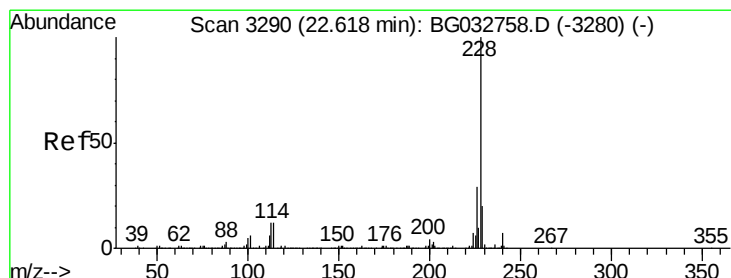
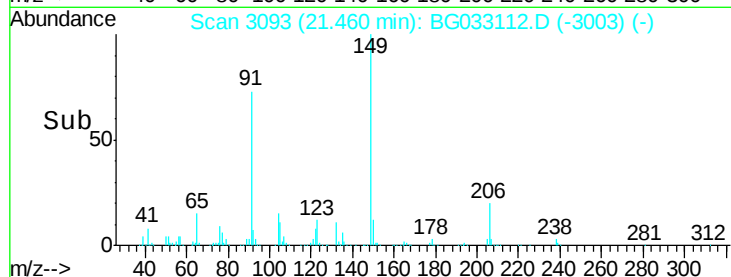
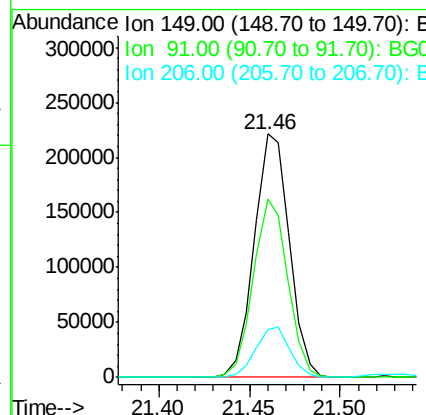
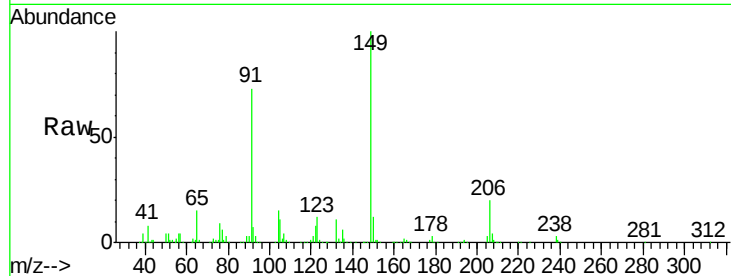
#79
Butylbenzylphthalate
Concen: 40.291 ng
RT: 21.46 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Instrument :
BNA_G
ClientSampleId :
PB107261BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.2	62.2	93.2
206	19.8	18.6	27.8

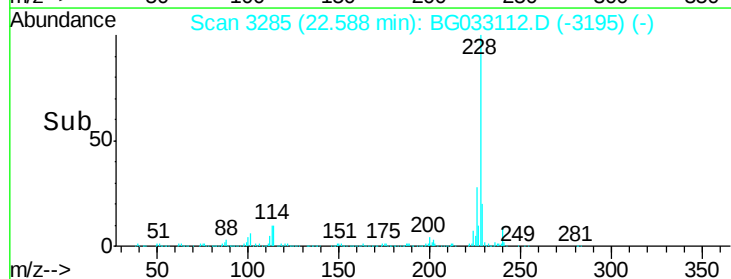
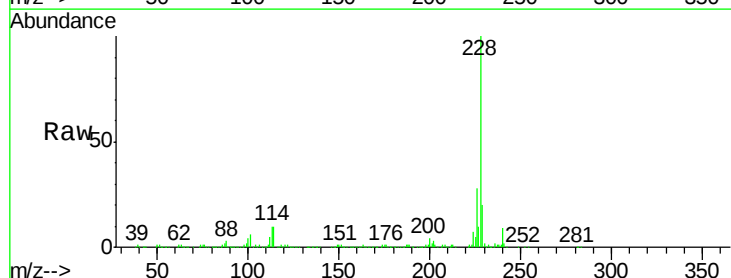
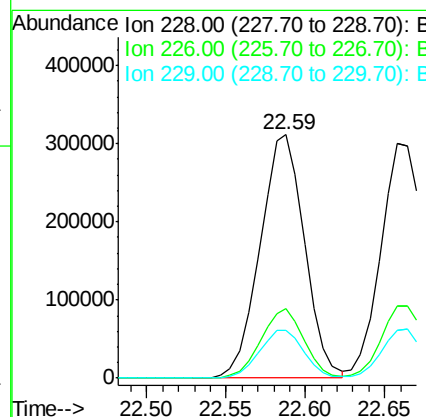
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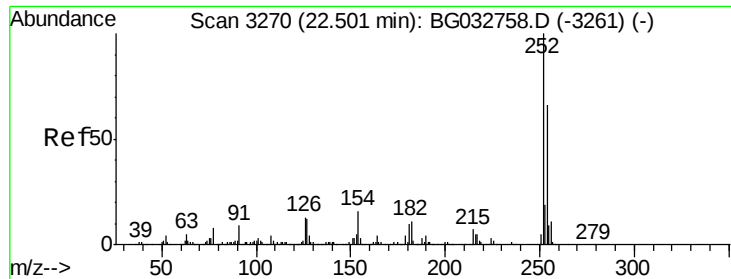
Sohil
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#80
Benzo(a)anthracene
Concen: 39.579 ng
RT: 22.59 min Scan# 3285
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	19.8	16.2	24.2





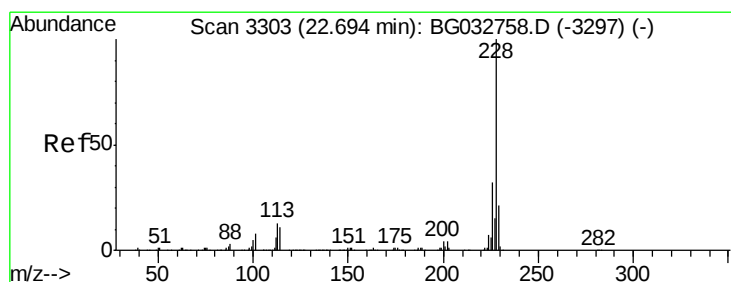
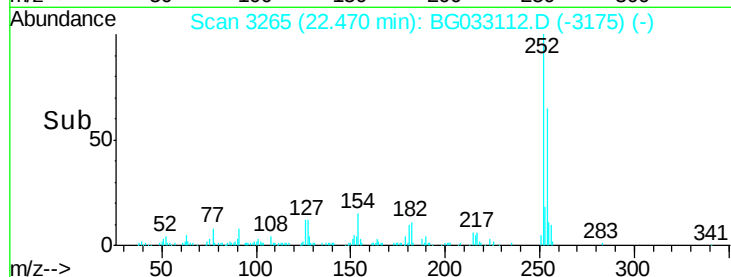
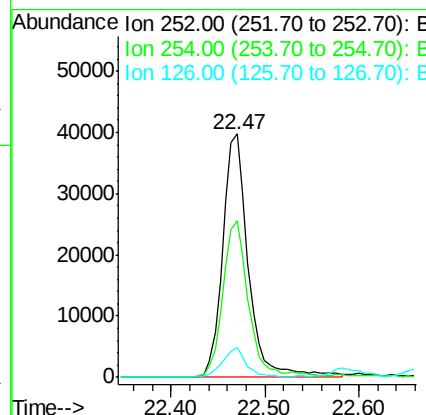
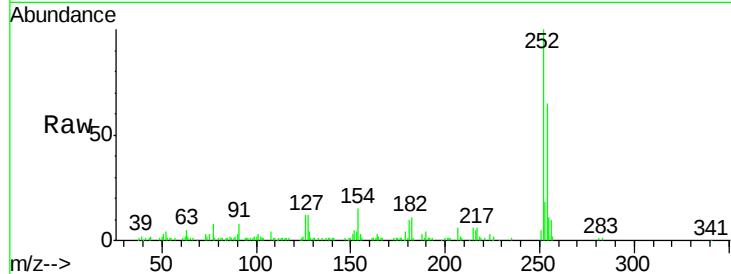
#81
 3,3'-Dichlorobenzidine
 Concen: 13.352 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Instrument :
 BNA_G
 ClientSampled :
 PB107261BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.8	76.2
126	12.1	7.4	11.2

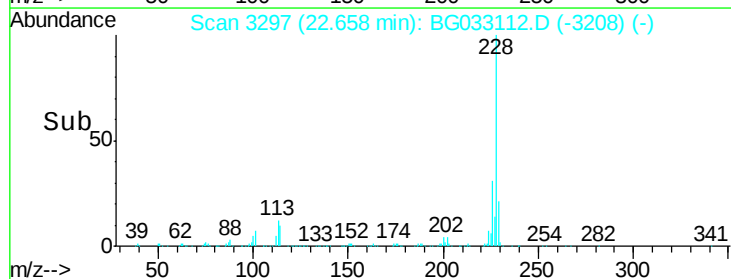
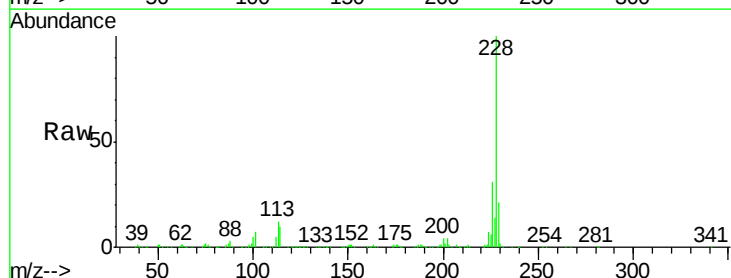
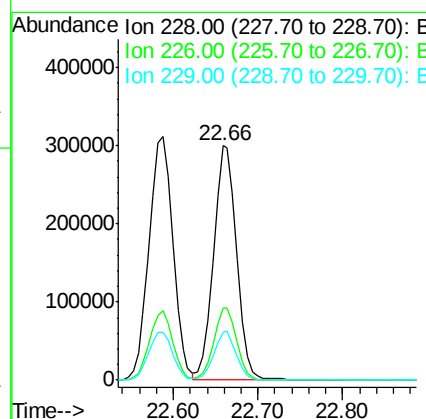
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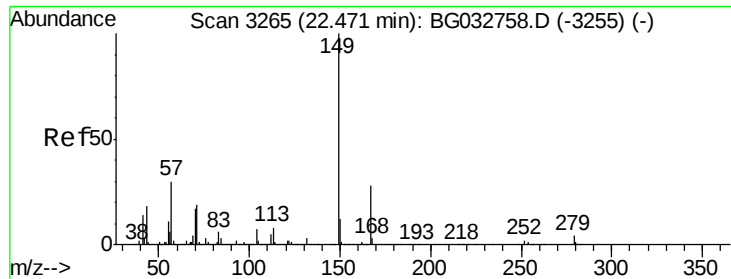
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#82
 Chrysene
 Concen: 39.105 ng
 RT: 22.66 min Scan# 3297
 Delta R.T. -0.01 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	20.5	15.0	22.4





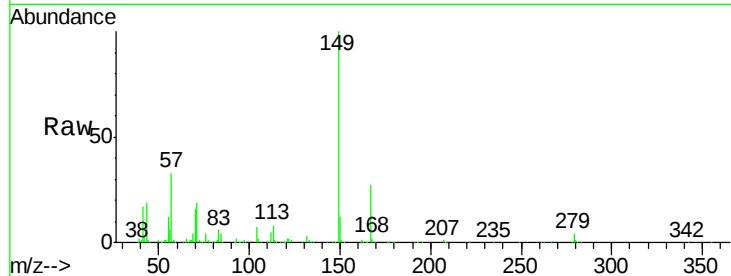
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.792 ng
 RT: 22.41 min Scan# 3254
 Delta R.T. -0.01 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Instrument :
 BNA_G
 ClientSampleId :
 PB107261BS

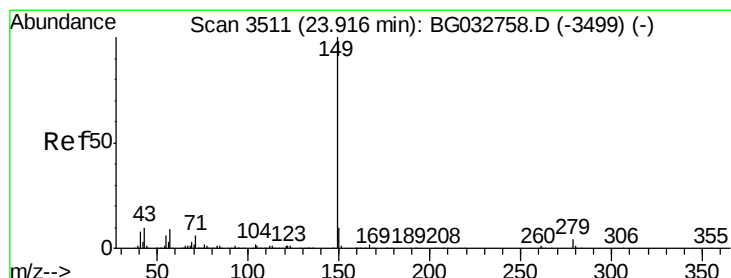
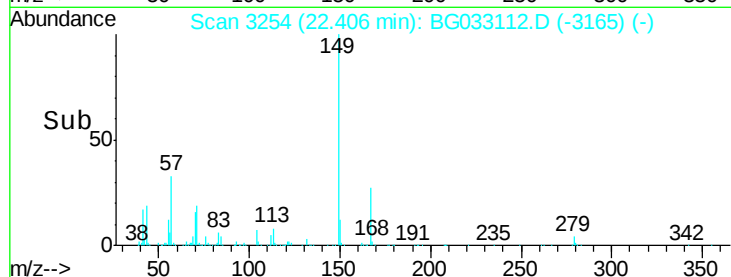
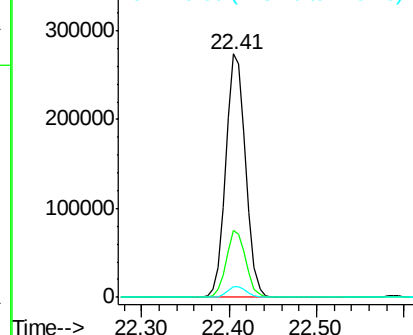
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.3	24.3	36.5	
279	4.2	4.0	6.0	

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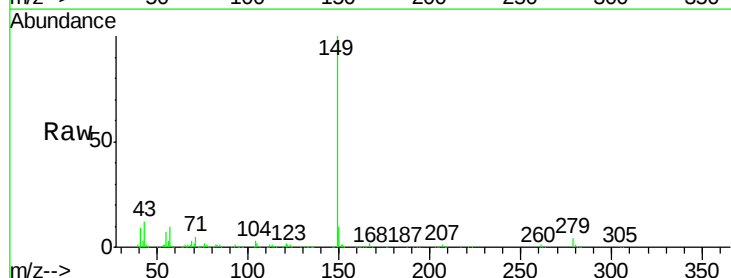


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

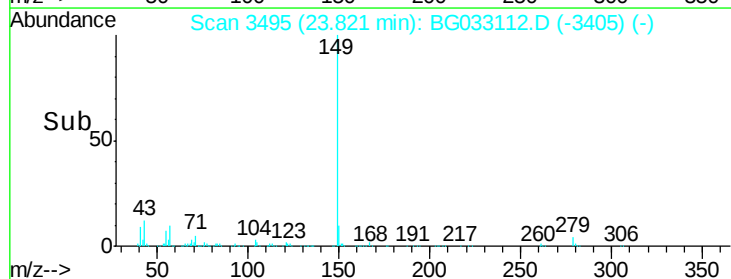
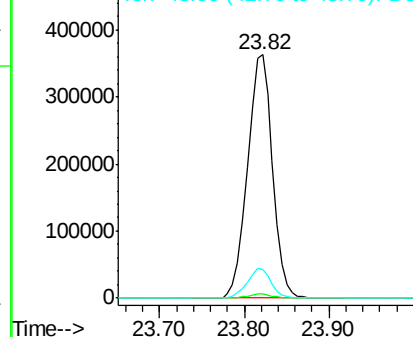


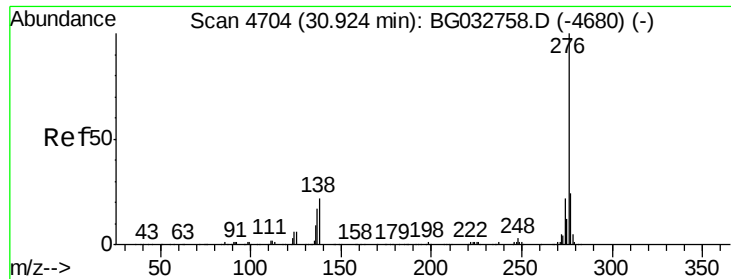
#84
 Di-n-octyl phthalate
 Concen: 44.038 ng
 RT: 23.82 min Scan# 3495
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.4	2.0	
43	11.7	8.9	13.3	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG





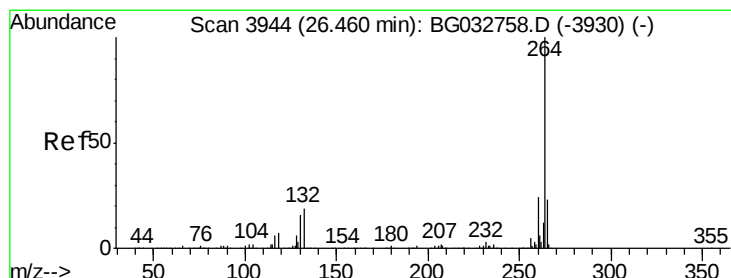
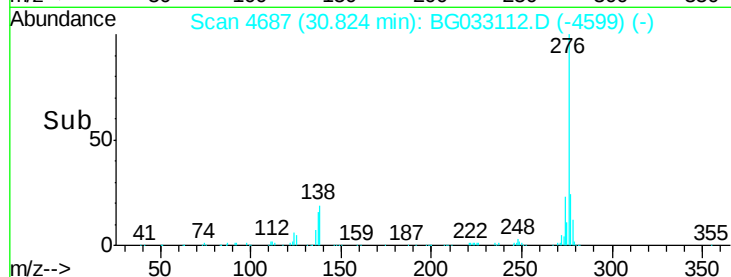
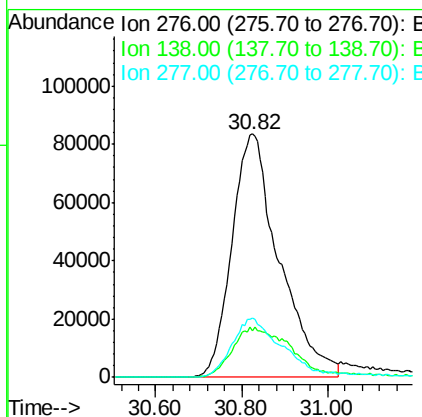
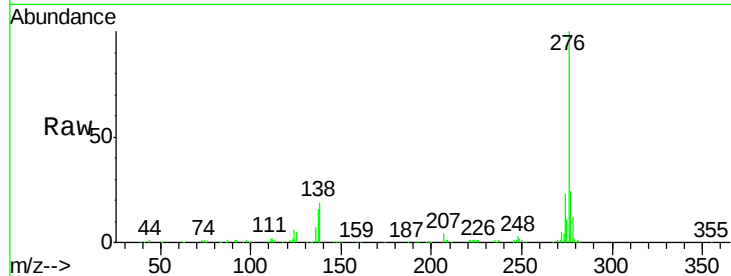
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.507 ng
 RT: 30.82 min Scan# 4687
 Delta R.T. -0.01 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Instrument :
 BNA_G
 ClientSampled :
 PB107261BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	16.0	24.0#
277	25.1	20.0	30.0

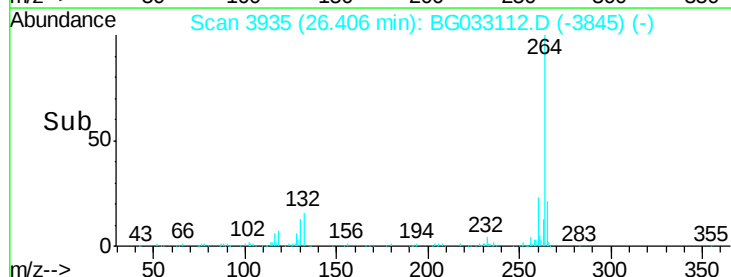
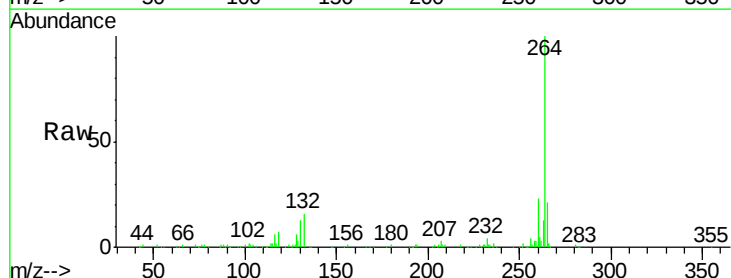
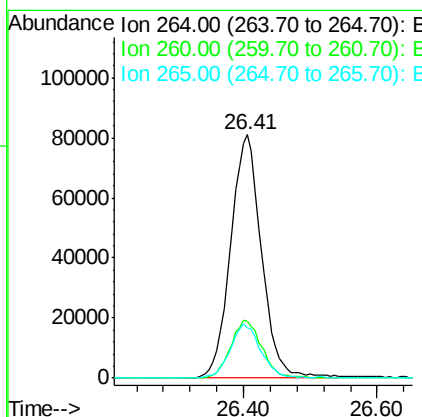
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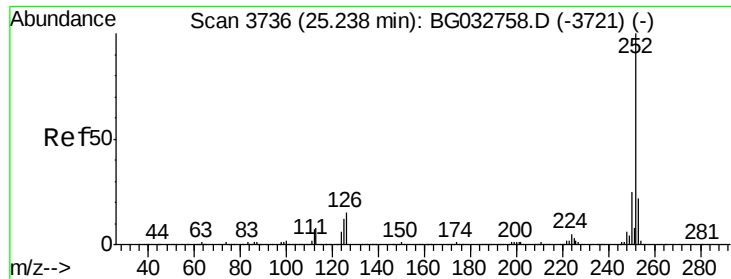
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.41 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	20.9	17.7	26.5





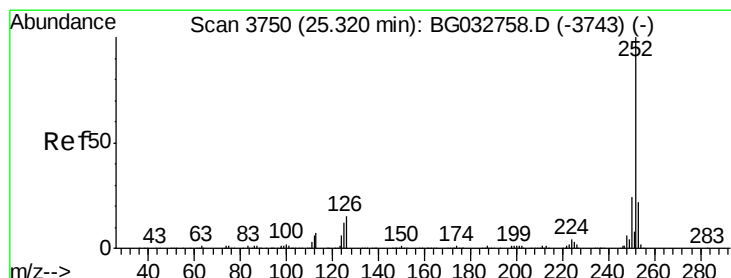
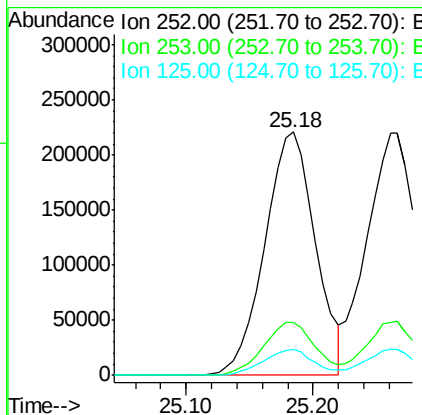
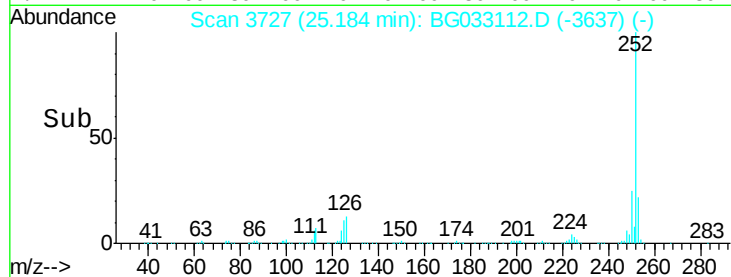
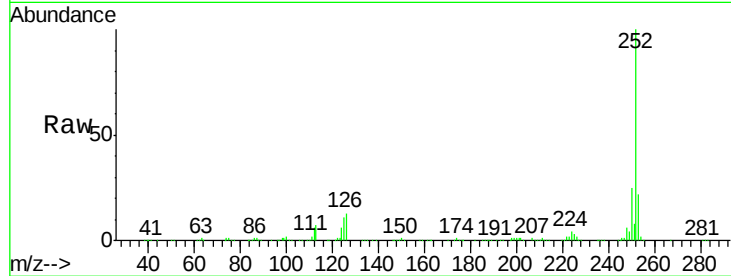
#87
Benzo(b)fluoranthene
Concen: 39.776 ng
RT: 25.18 min Scan# 3727
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Instrument :
BNA_G
ClientSampleId :
PB107261BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	10.7	7.2	10.8

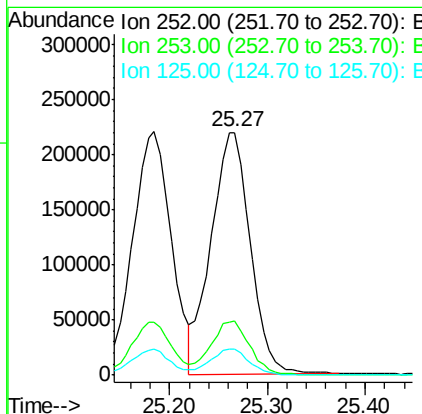
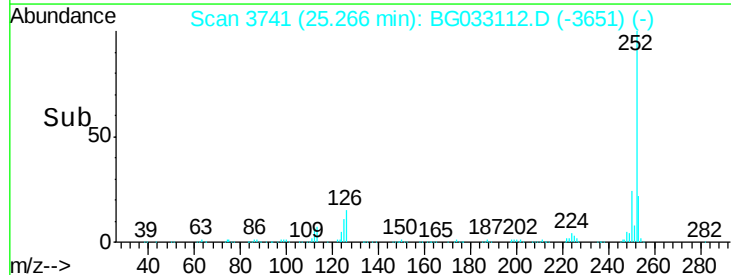
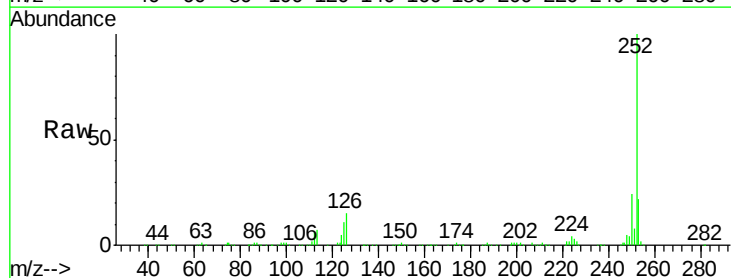
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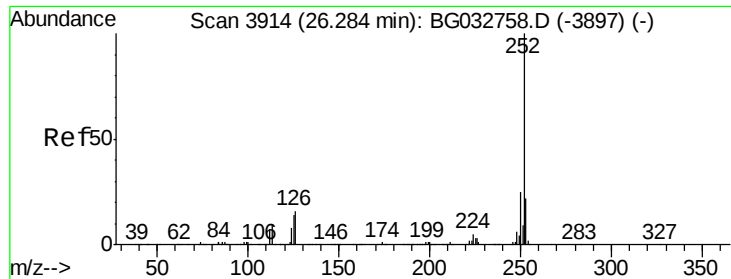
Sohil
3/13/2018 4:20:41 PM



#88
Benzo(k)fluoranthene
Concen: 39.766 ng
RT: 25.27 min Scan# 3741
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	10.6	6.6	9.8





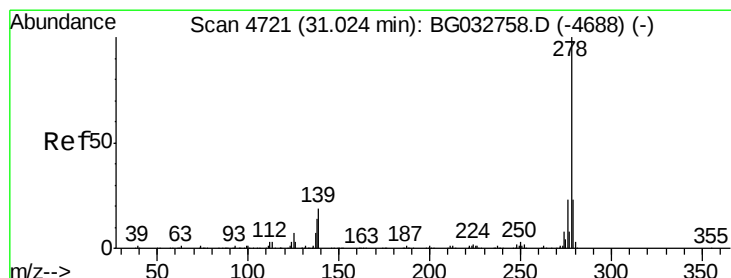
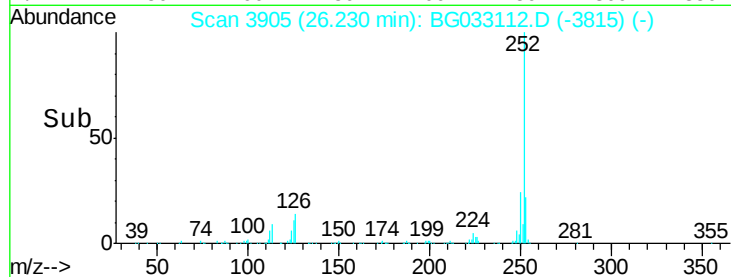
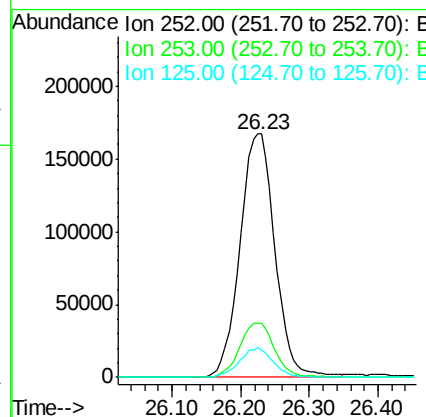
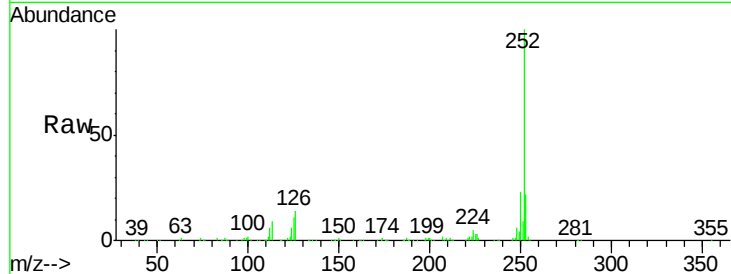
#89
Benzo(a)pyrene
Concen: 40.404 ng
RT: 26.23 min Scan# 3905
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Instrument :
BNA_G
ClientSampleId :
PB107261BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	11.2	7.3	10.9

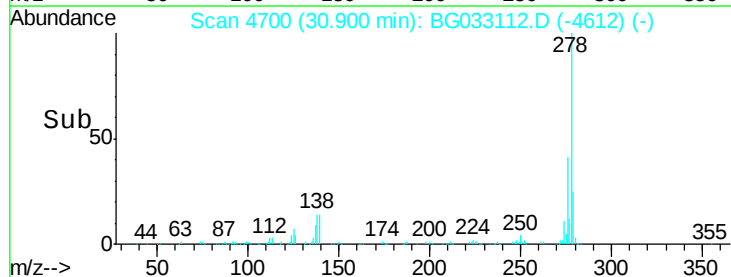
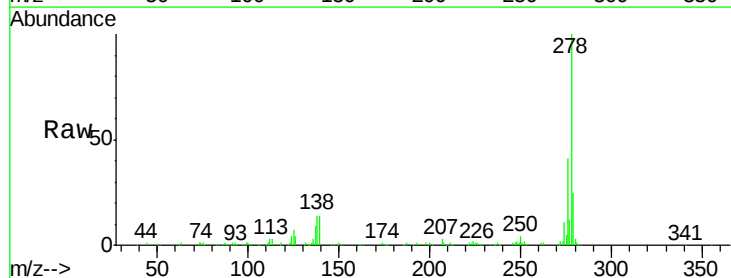
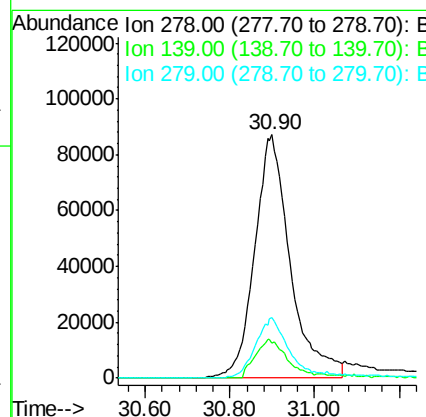
Manual Integrations
APPROVED

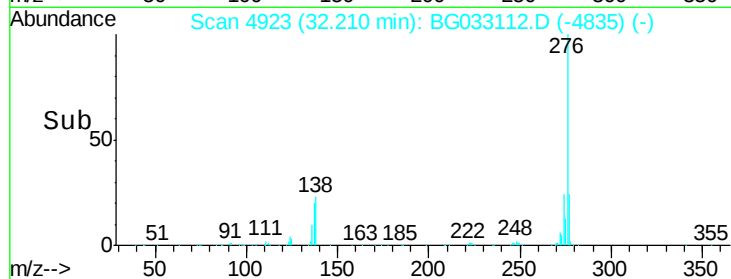
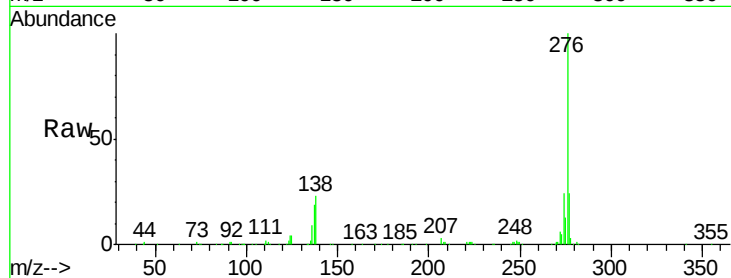
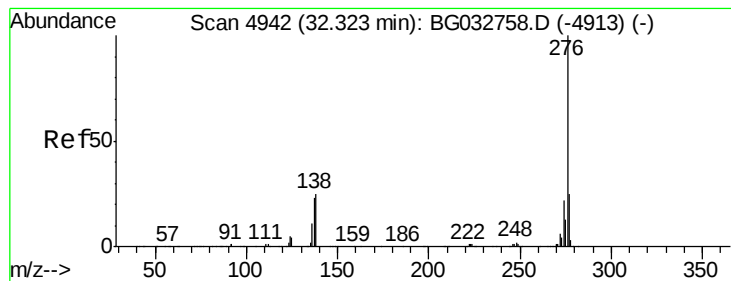
Sohil
3/13/2018 4:20:41 PM



#90
Dibenzo(a,h)anthracene
Concen: 34.814 ng
RT: 30.90 min Scan# 4700
Delta R.T. -0.01 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.3	9.8	14.6
279	24.7	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 37.416 ng

RT: 32.21 min Scan# 4923

Delta R.T. -0.01 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

ClientSampleId :

PB107261BS

Tot Ion:	276	Resp:	543682
Ion Ratio	Lower	Upper	
276	100		
277	24.3	18.3	27.5
138	22.7	13.9	20.9

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Sohil
3/13/2018 4:20:41 PM

