

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032864.D
 Acq On : 27 Feb 2018 21:04
 Operator : SJ/JU
 Sample : PB106879BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106879BS

Manual Integrations
 APPROVED

Sohil
 2/28/2018 1:01:44 PM

Quant Time: Feb 28 03:19:46 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	74124	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	335804	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	197350	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	436539	20.00	ng	0.00
75) Chrysene-d12	22.62	240	409187	20.00	ng	0.00
86) Perylene-d12	26.43	264	441862	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	653623	141.07	ng	0.00
7) Phenol-d6	8.02	99	874033	135.34	ng	0.00
23) Nitrobenzene-d5	10.12	82	486429	98.71	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	297912	143.57	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1110977	81.19	ng	0.00
78) Terphenyl-d14	20.78	244	1589729	87.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.96	88	74861	37.230	ng	87
3) Pyridine	4.42	79	213510	38.525	ng	93
4) n-Nitrosodimethylamine	4.32	42	103107	46.403	ng	# 93
6) Aniline	8.21	93	130376	14.914	ng	96
8) 2-Chlorophenol	8.47	128	237666	46.865	ng	91
9) Benzaldehyde	8.01	77	97555	26.210	ng	93
10) Phenol	8.05	94	304985	46.849	ng	91
11) bis(2-Chloroethyl)ether	8.30	93	210376	39.520	ng	94
12) 1,3-Dichlorobenzene	8.81	146	231583	38.988	ng	97
13) 1,4-Dichlorobenzene	8.96	146	233372	39.033	ng	96
14) 1,2-Dichlorobenzene	9.29	146	219976	38.394	ng	98
15) Benzyl Alcohol	9.15	79	202923	42.742	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.45	45	340165	37.172	ng	95
17) 2-Methylphenol	9.35	107	206722	43.063	ng	96
18) Hexachloroethane	10.05	117	83512	41.024	ng	# 86
19) n-Nitroso-di-n-propylamine	9.73	70	172938	37.932	ng	# 97
20) 3+4-Methylphenols	9.68	107	290220	43.480	ng	97
22) Acetophenone	9.76	105	327611	38.630	ng	# 95
24) Nitrobenzene	10.16	77	241196	45.433	ng	91
25) Isophorone	10.69	82	483580	41.028	ng	# 94
26) 2-Nitrophenol	10.89	139	117635	57.894	ng	88
27) 2,4-Dimethylphenol	10.92	122	259356	50.653	ng	89
28) bis(2-Chloroethoxy)methane	11.17	93	296914	43.242	ng	95
29) 2,4-Dichlorophenol	11.43	162	228019	49.067	ng	94
30) 1,2,4-Trichlorobenzene	11.66	180	209926	38.537	ng	96
31) Naphthalene	11.86	128	700723	39.934	ng	99
32) Benzoic acid	11.03	122	146456	46.558	ng	# 82
33) 4-Chloroaniline	11.94	127	116239	14.816	ng	96
34) Hexachlorobutadiene	12.13	225	109549	35.853	ng	95
35) Caprolactam	12.69	113	93778	50.398	ng	# 86
36) 4-Chloro-3-methylphenol	13.01	107	266553	49.290	ng	90
37) 2-Methylnaphthalene	13.41	142	521898	41.111	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	218517	37.300	ng	# 97
40) Hexachlorocyclopentadiene	13.73	237	263735	88.334	ng	92

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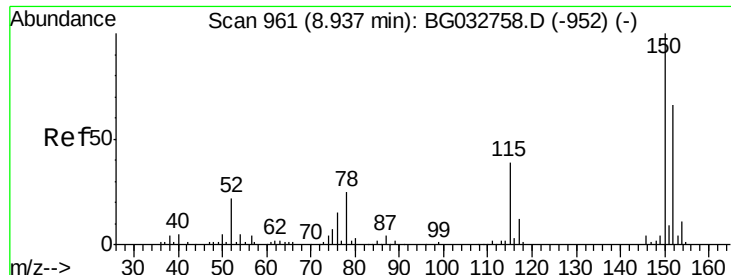
Manual Integrations
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 2/28/2018 1:01:44 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	172175	46.603	nq	98
43) 2,4,5-Trichlorophenol	14.05	196	192146	44.936	nq #	96
45) 1,1'-Biphenyl	14.38	154	660834	38.320	nq	94
46) 2-Chloronaphthalene	14.43	162	503345	39.073	nq	98
47) 2-Nitroaniline	14.62	65	174033	52.427	nq	89
48) Acenaphthylene	15.27	152	821993	38.974	nq	98
49) Dimethylphthalate	14.96	163	665886	39.738	nq	99
50) 2,6-Dinitrotoluene	15.09	165	147772	52.301	nq	86
51) Acenaphthene	15.60	154	540742	41.168	nq	99
52) 3-Nitroaniline	15.42	138	85776	28.614	nq #	83
53) 2,4-Dinitrophenol	15.61	184	75512	84.412	nq #	1
54) Dibenzofuran	15.93	168	773878	41.377	nq	96
55) 4-Nitrophenol	15.69	139	262629	94.318	nq #	80
56) 2,4-Dinitrotoluene	15.87	165	204912	59.292	nq #	84
57) Fluorene	16.57	166	628806	40.734	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	164631m	49.590	nq	
59) Diethylphthalate	16.30	149	704197	39.843	nq	99
60) 4-Chlorophenyl-phenylether	16.55	204	308954	40.913	nq	94
61) 4-Nitroaniline	16.57	138	151243	42.389	nq	83
62) Azobenzene	16.84	77	652105	41.243	nq	97
64) 4,6-Dinitro-2-methylphenol	16.62	198	75145	55.552	nq	98
65) n-Nitrosodiphenylamine	16.75	169	585685	41.242	nq	99
66) 4-Bromophenyl-phenylether	17.44	248	185181	40.118	nq #	91
67) Hexachlorobenzene	17.56	284	194159	38.923	nq #	91
68) Atrazine	17.68	200	201042	43.008	nq	95
69) Pentachlorophenol	17.90	266	250347	79.677	nq	97
70) Phenanthrene	18.31	178	993395	40.789	nq	97
71) Anthracene	18.40	178	1014221	41.480	nq	97
72) Carbazole	18.65	167	953161	39.550	nq	96
73) Di-n-butylphthalate	19.15	149	1193146	40.355	nq	98
74) Fluoranthene	20.26	202	1107309	41.160	nq	93
76) Benzidine	20.41	184	260547	18.680	nq	97
77) Pyrene	20.61	202	1113051	38.573	nq	96
79) Butylbenzylphthalate	21.48	149	570620	44.601	nq	92
80) Benzo(a)anthracene	22.60	228	1089605	41.526	nq	99
81) 3,3'-Dichlorobenzidine	22.48	252	191383	19.694	nq #	98
82) Chrysene	22.68	228	1023352	40.828	nq	97
83) Bis(2-ethylhexyl)phthalate	22.44	149	812677	42.913	nq #	97
84) Di-n-octyl phthalate	23.86	149	1400698	48.524	nq	98
85) Indeno(1,2,3-cd)pyrene	30.86	276	1265121	43.279	nq	98
87) Benzo(b)fluoranthene	25.21	252	1093300	41.847	nq #	97
88) Benzo(k)fluoranthene	25.29	252	1069481	41.190	nq #	95
89) Benzo(a)pyrene	26.25	252	1071064	43.102	nq #	96
90) Dibenzo(a,h)anthracene	30.95	278	1046918	41.856	nq #	93
91) Benzo(g,h,i)perylene	32.27	276	1040327	42.193	nq #	93

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



#1

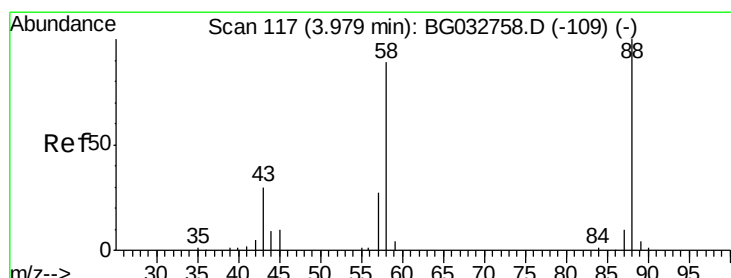
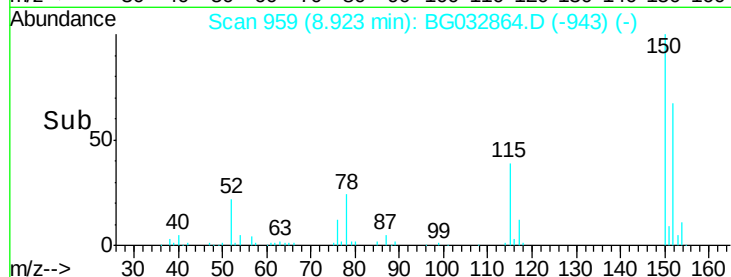
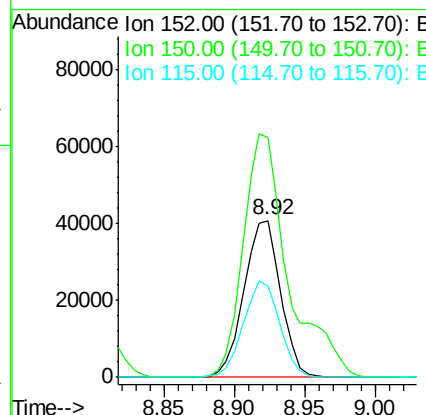
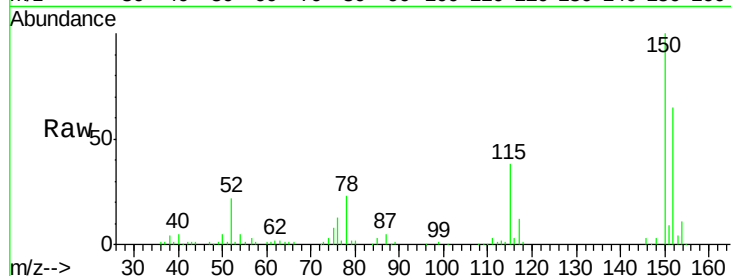
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Instrument :
BNA_G
ClientSampleId :
PB106879BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.6	189.8
115	57.9	53.0	79.4

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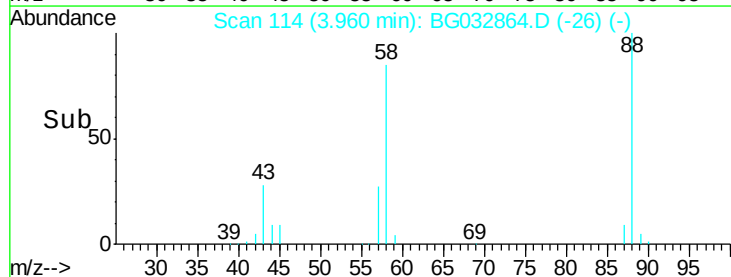
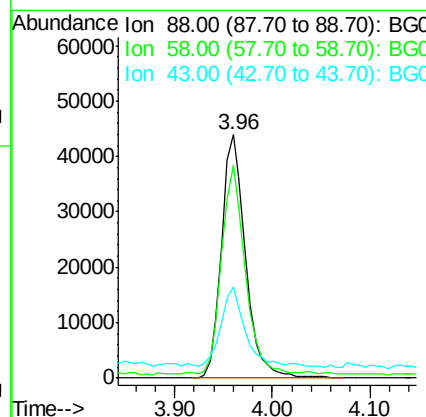
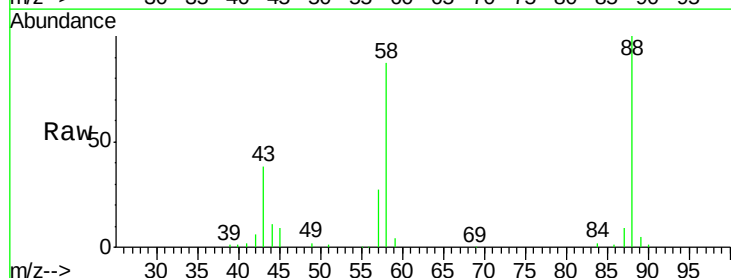
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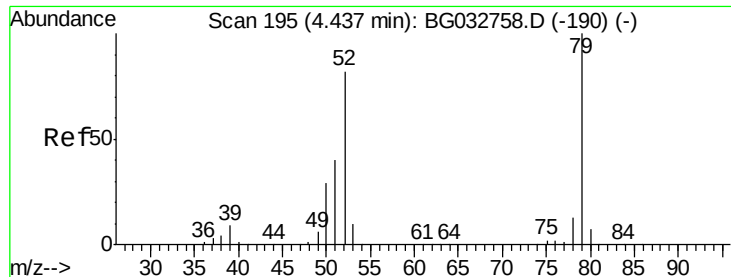


#2

1,4-Dioxane
Concen: 37.230 ng
RT: 3.96 min Scan# 114
Delta R.T. -0.01 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.2	79.6	119.4
43	31.5	27.4	41.0





#3

Pvridine

Concen: 38.525 ng

RT: 4.42 min Scan# 193

Delta R.T. -0.01 min

Lab File: BG032864.D

Acq: 27 Feb 2018 21:04

Instrument :

BNA_G

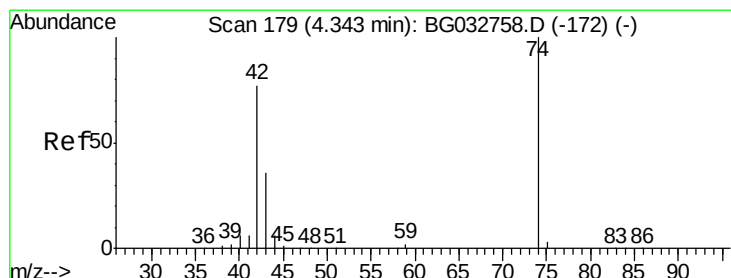
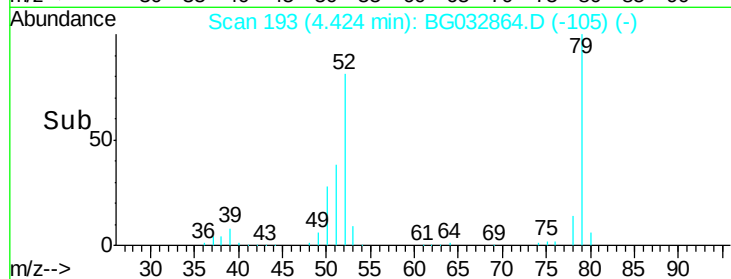
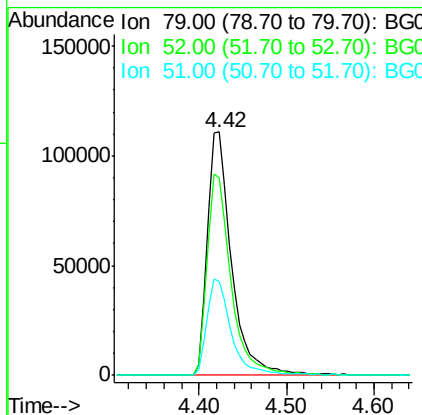
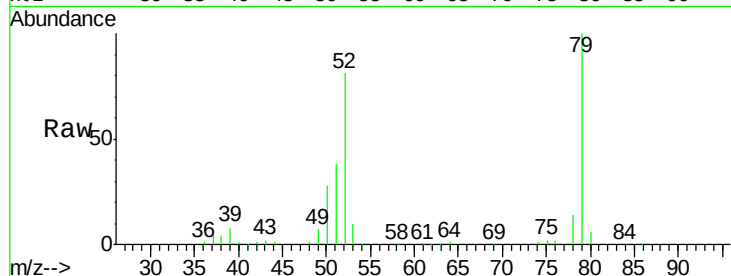
ClientSampled :

PB106879BS

Tot Ion:	79	Resp:	213510
Ion	Ratio	Lower	Upper
79	100		
52	81.1	69.9	104.9
51	38.3	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 46.403 ng

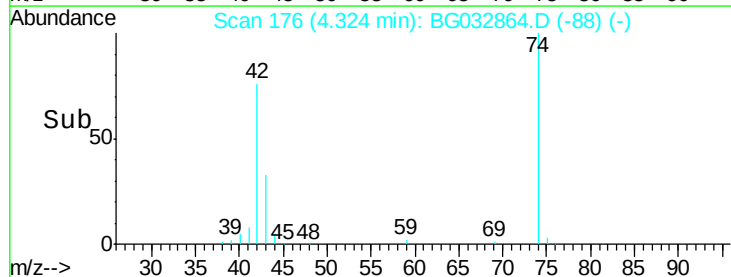
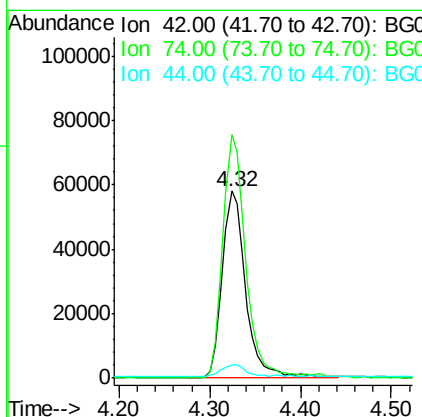
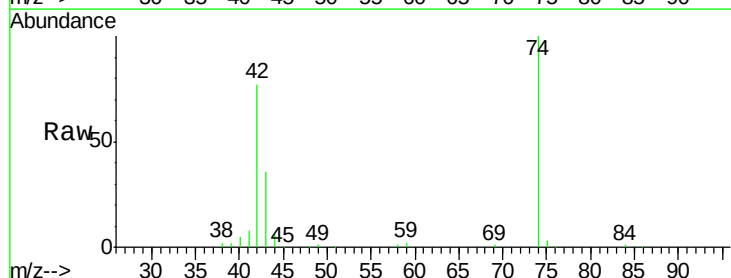
RT: 4.32 min Scan# 176

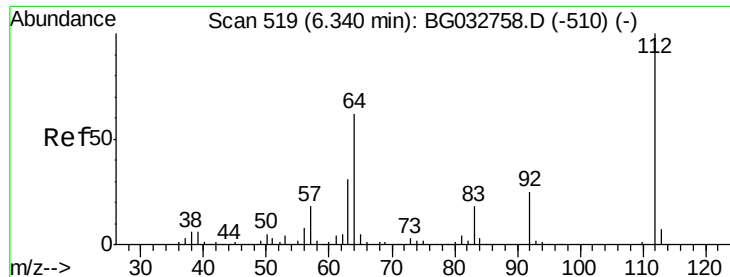
Delta R.T. -0.01 min

Lab File: BG032864.D

Acq: 27 Feb 2018 21:04

Tgt Ion:	42	Resp:	103107
Ion	Ratio	Lower	Upper
42	100		
74	130.4	102.5	153.7
44	7.3	18.9	28.3#





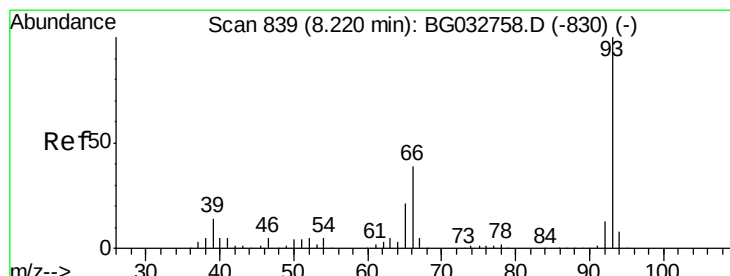
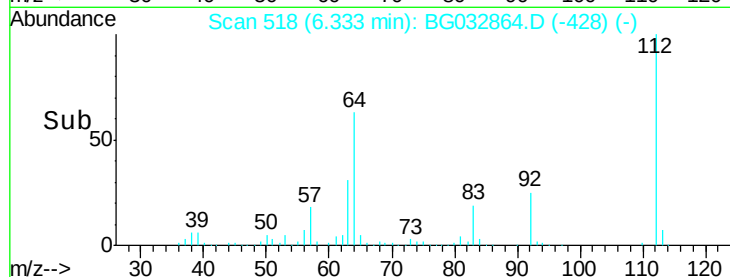
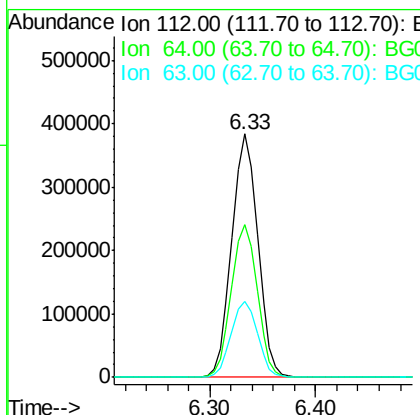
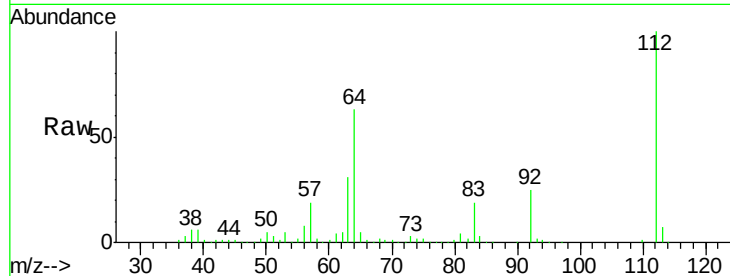
#5
2-Fluorophenol
Concen: 141.075 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Instrument :
BNA_G
ClientSampled :
PB106879BS

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	62.9	56.3	84.5
63	31.4	30.1	45.1

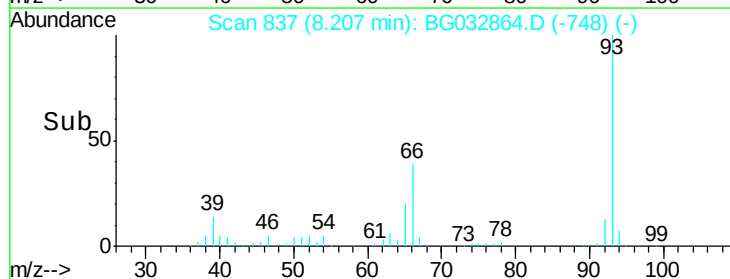
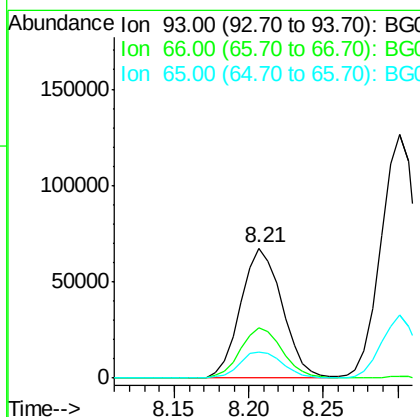
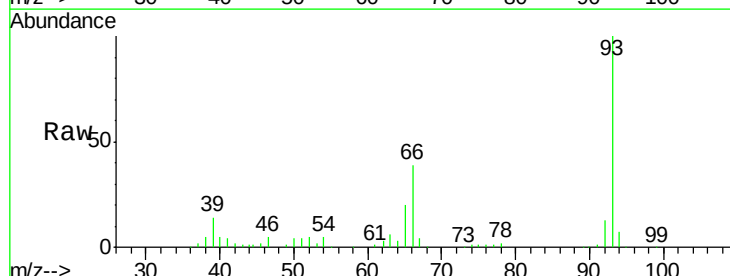
Manual Integrations
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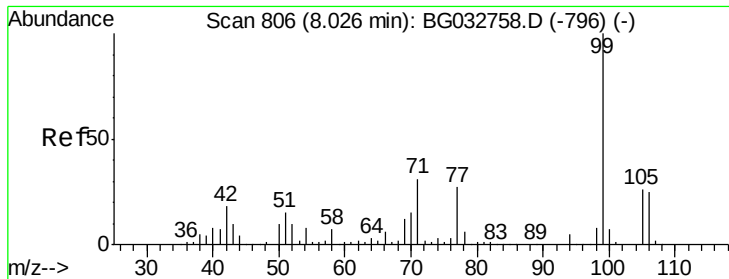
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#6
Aniline
Concen: 14.914 ng
RT: 8.21 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	38.6	33.7	50.5
65	19.7	16.1	24.1





#7

Phenol-d6

Concen: 135.341 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032864.D

Acq: 27 Feb 2018 21:04

Instrument :

BNA_G

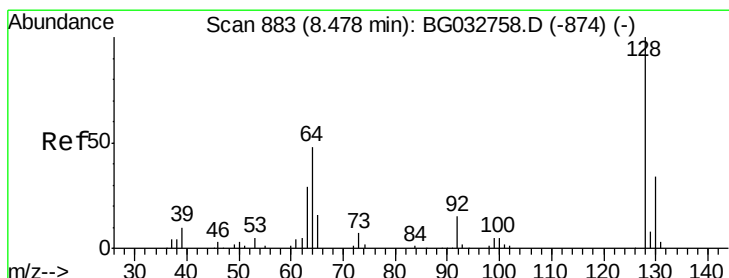
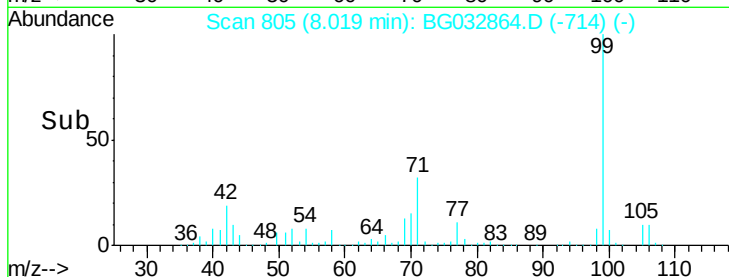
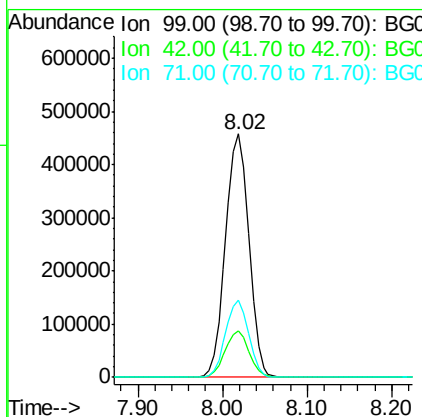
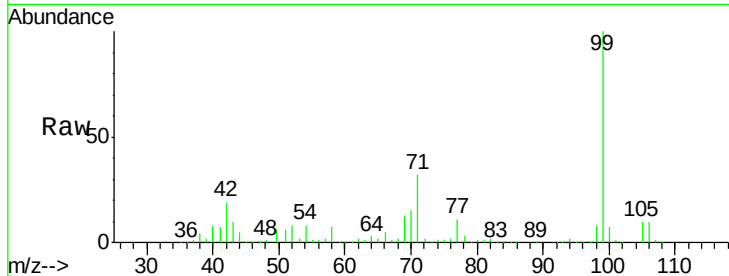
ClientSampleId :

PB106879BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		874033		
42	19.2	14.1	21.1		
71	31.7	26.1	39.1		

Manual Integrations
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#8

2-Chlorophenol

Concen: 46.865 ng

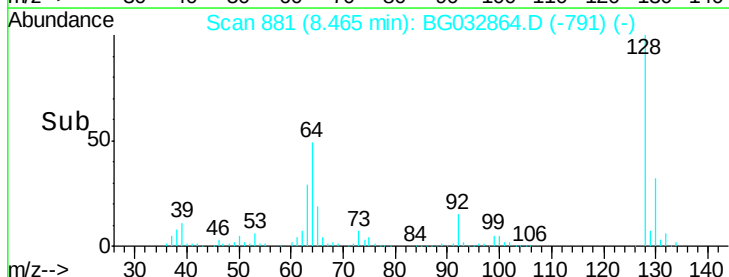
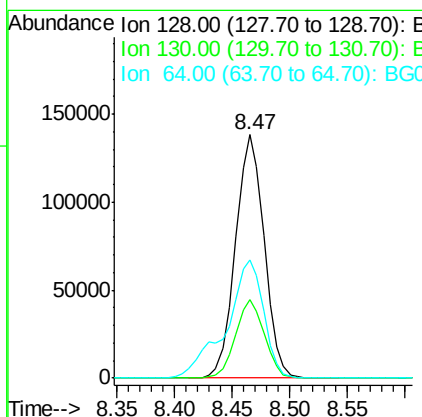
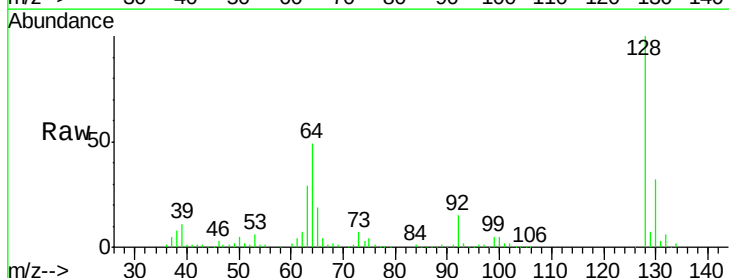
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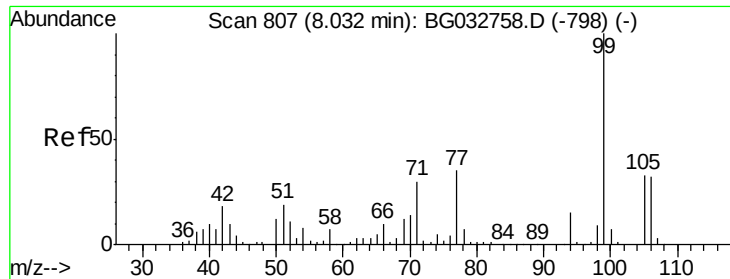
Delta R.T. -0.00 min

Lab File: BG032864.D

Acq: 27 Feb 2018 21:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		237666		
130	32.5	14.0	54.0		
64	48.5	37.7	77.7		





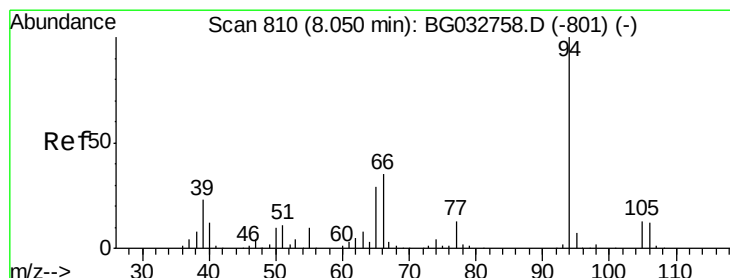
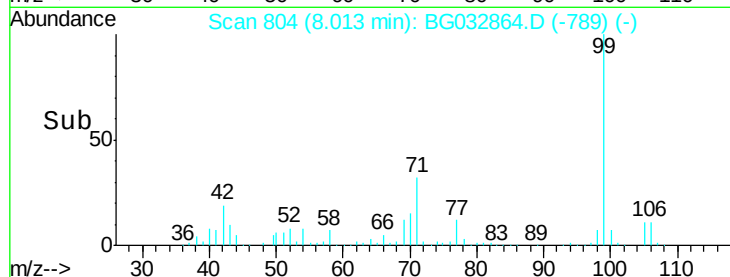
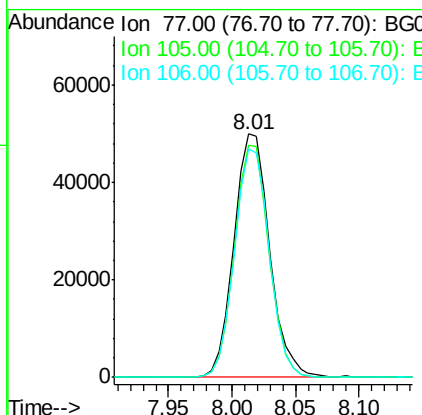
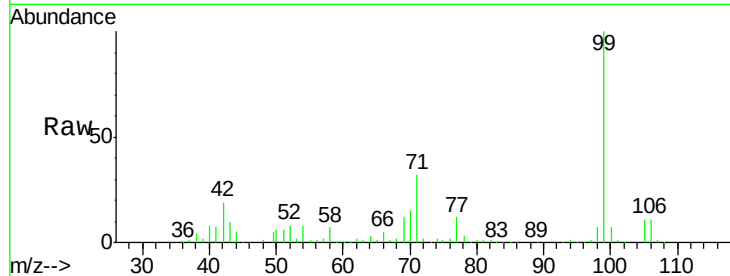
#9
Benzaldehyde
Concen: 26.210 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Instrument :
BNA_G
ClientSampleId :
PB106879BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.4	71.3	111.3
106	94.0	64.2	104.2

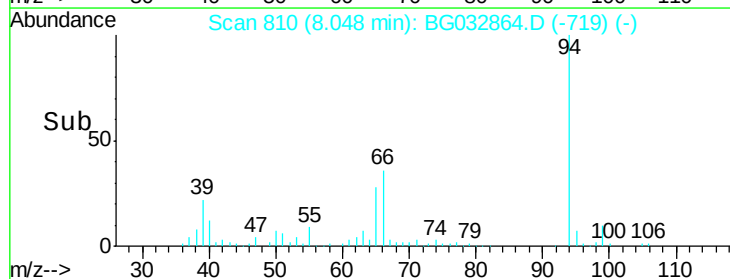
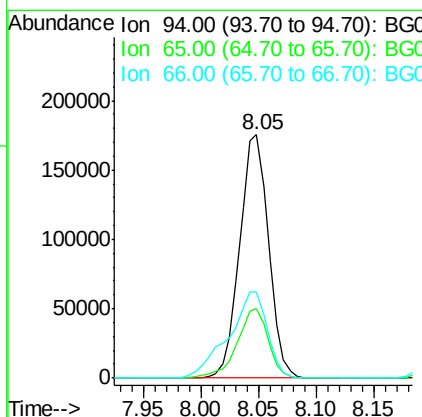
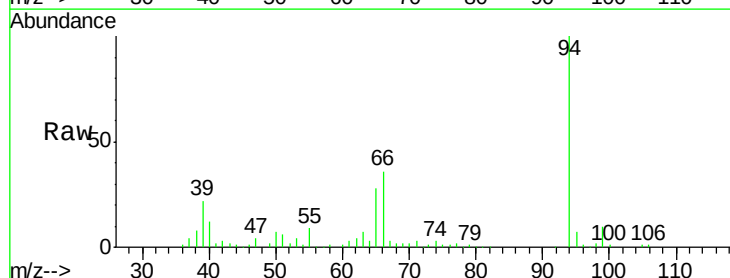
Manual Integrations
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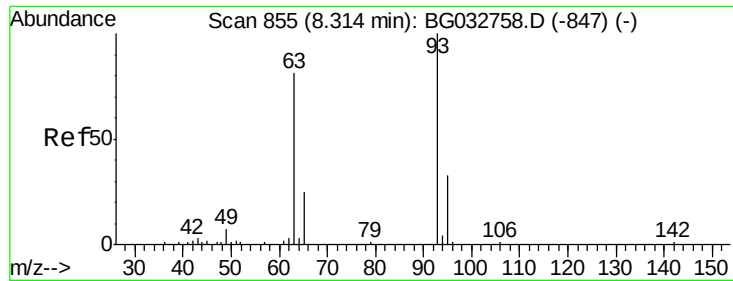
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#10
Phenol
Concen: 46.849 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.5	11.9	51.9
66	35.6	22.2	62.2





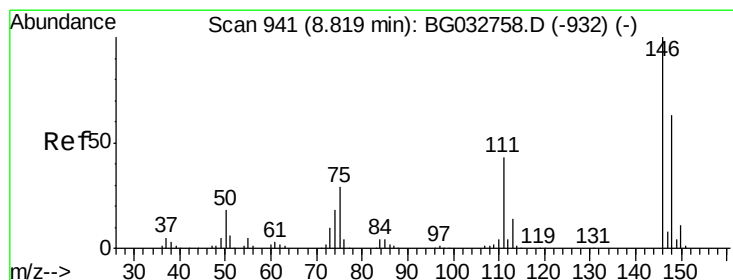
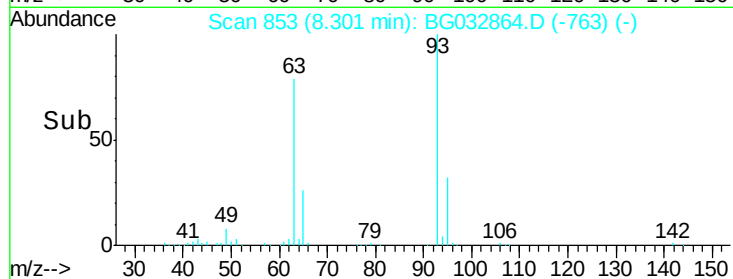
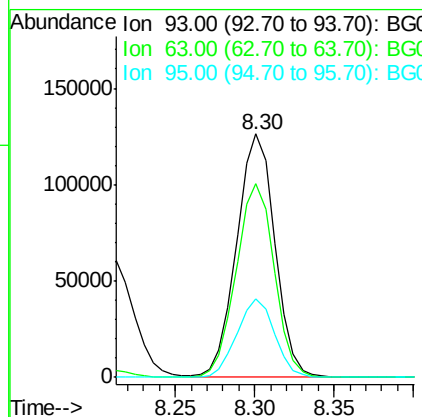
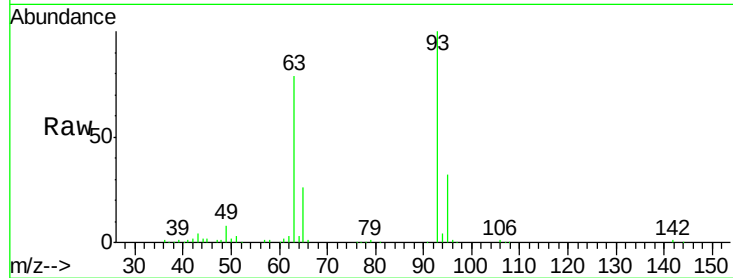
#11
bis(2-Chloroethyl)ether
Concen: 39.520 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Instrument :
BNA_G
ClientSampleId :
PB106879BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.5	67.1	107.1
95	32.0	11.5	51.5

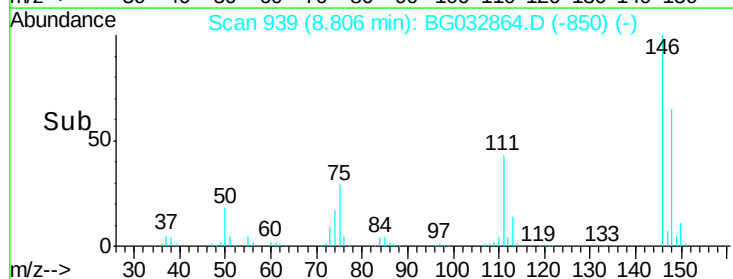
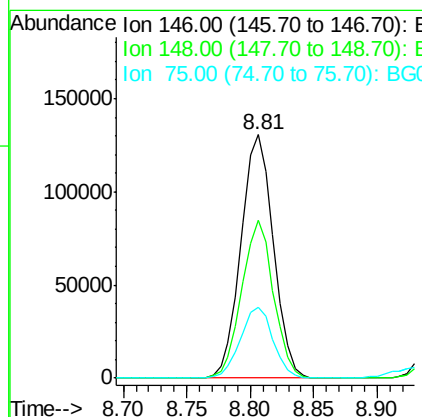
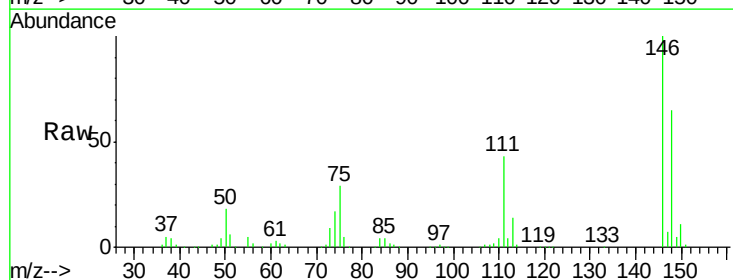
Manual Integrations
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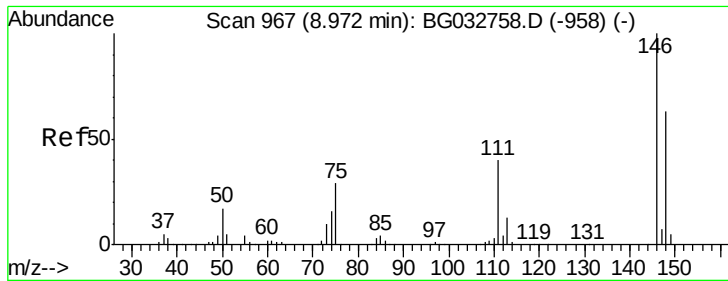
Sohil
2/28/2018 1:01:44 PM



#12
1,3-Dichlorobenzene
Concen: 38.988 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.01 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.2
75	29.1	26.6	39.8





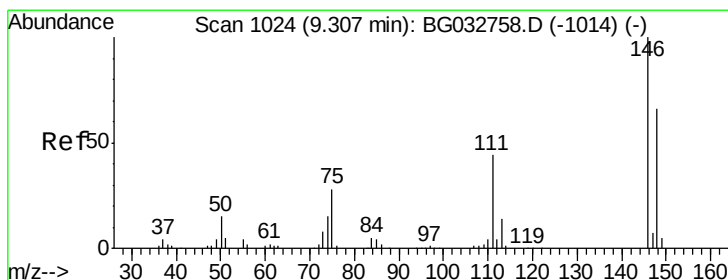
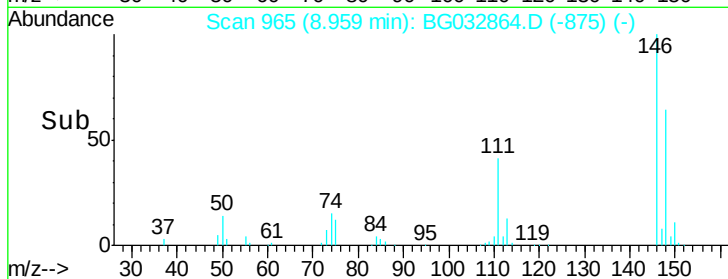
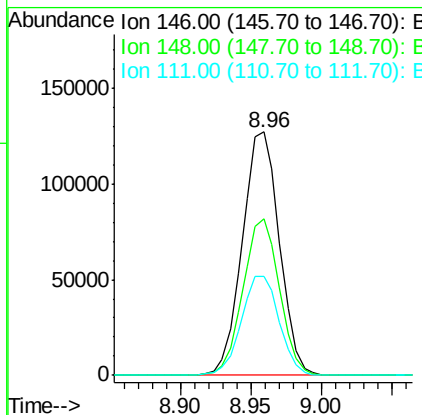
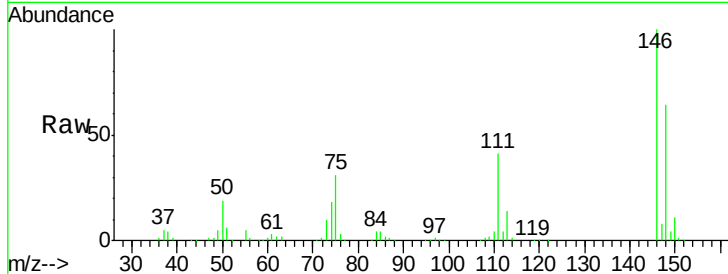
#13
 1,4-Dichlorobenzene
 Concen: 39.033 ng
 RT: 8.96 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BG032864.D
 Acq: 27 Feb 2018 21:04

Instrument :
 BNA_G
 ClientSampleId :
 PB106879BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	53.7	80.5
111	40.8	35.2	52.8

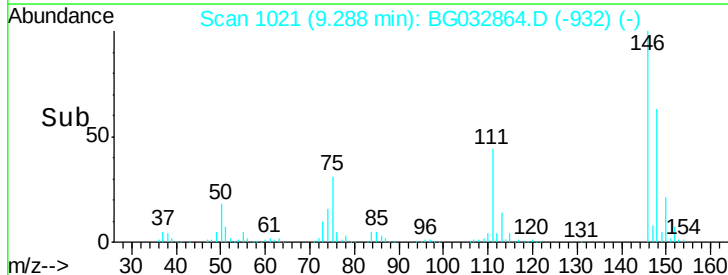
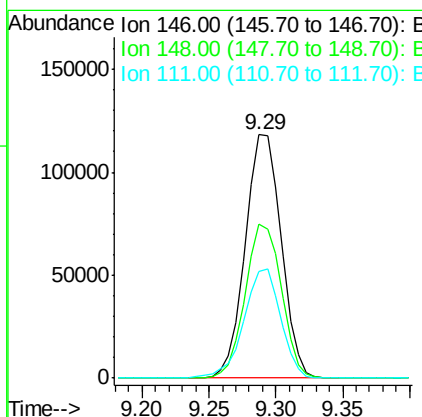
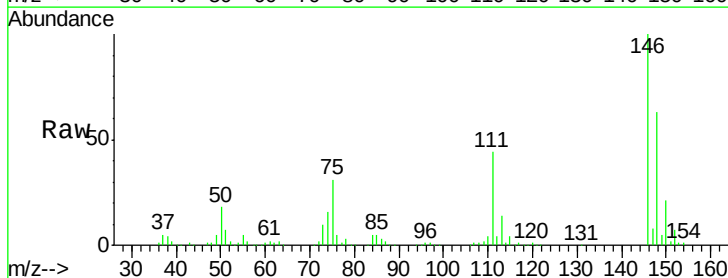
Manual Integrations
 APPROVED

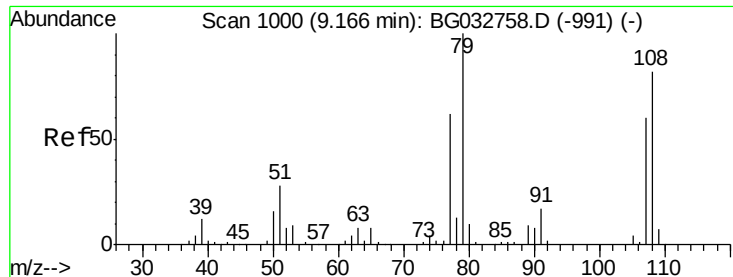
Sohil
 2/28/2018 1:01:44 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.394 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG032864.D
 Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	49.3	73.9
111	44.0	34.3	51.5





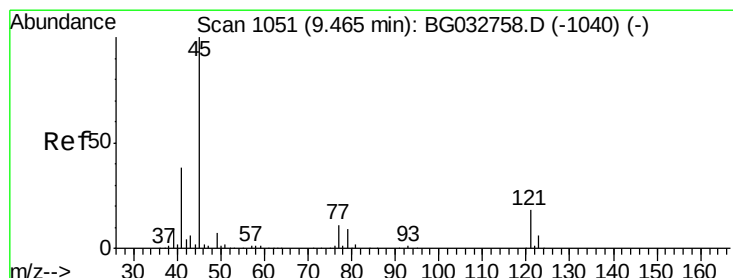
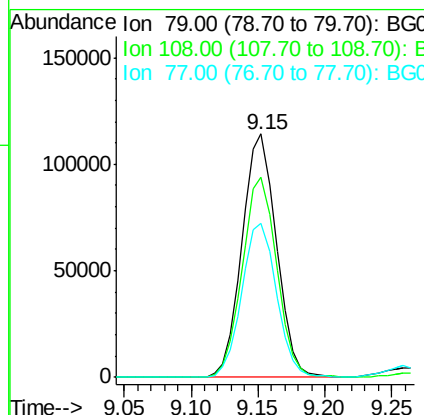
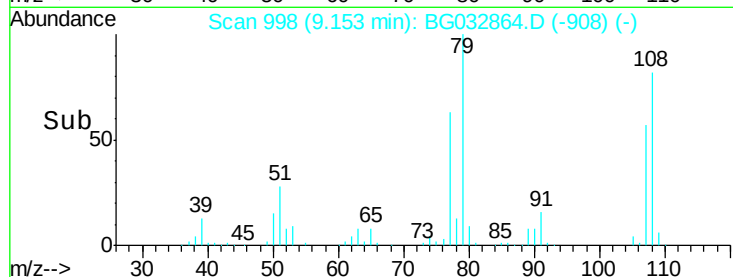
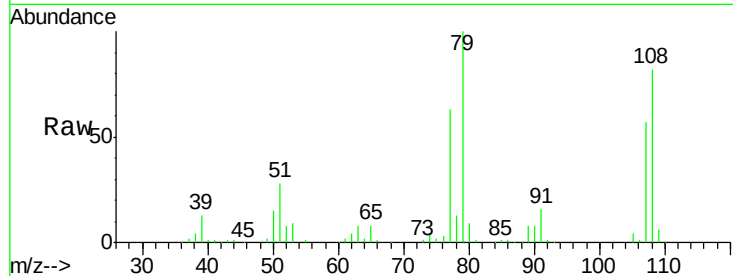
#15
Benzyl Alcohol
Concen: 42.742 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Instrument :
BNA_G
ClientSampled :
PB106879BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	82.2	57.2	85.8	
77	63.0	46.1	69.1	

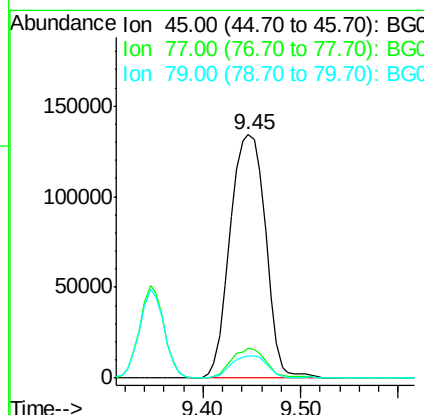
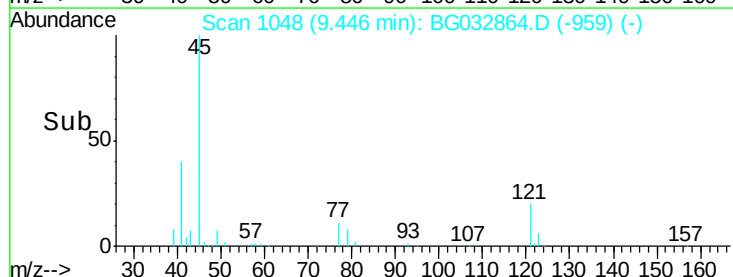
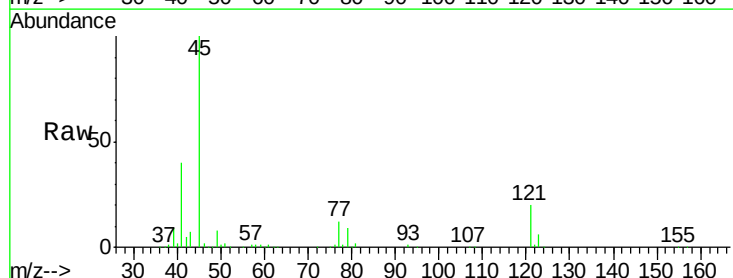
Manual Integrations
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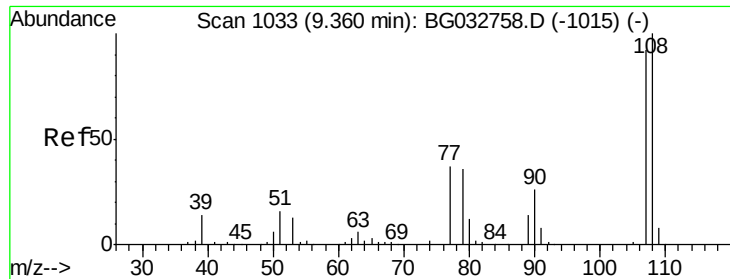
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.172 ng
RT: 9.45 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	12.4	0.0	30.2	
79	9.0	0.0	27.9	





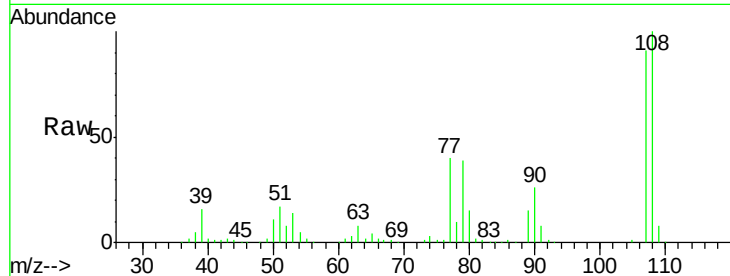
#17
2-Methylphenol
Concen: 43.063 ng
RT: 9.35 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Instrument :
BNA_G
ClientSampleId :
PB106879BS

Tot Ion	107	Resp	206722
Ion Ratio	Lower	Upper	
107	100		
108	109.3	83.9	125.9
77	44.1	37.2	55.8
79	42.6	36.2	54.2

Manual Integrations
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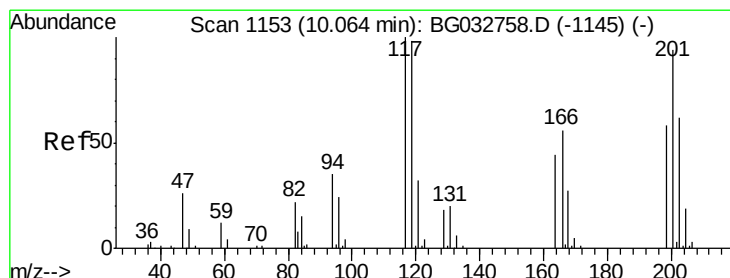
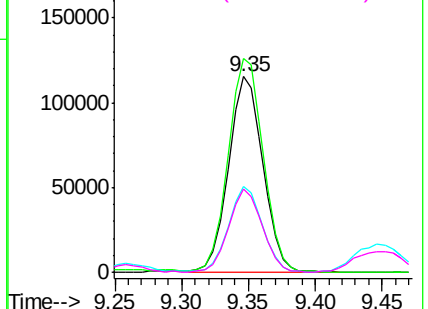
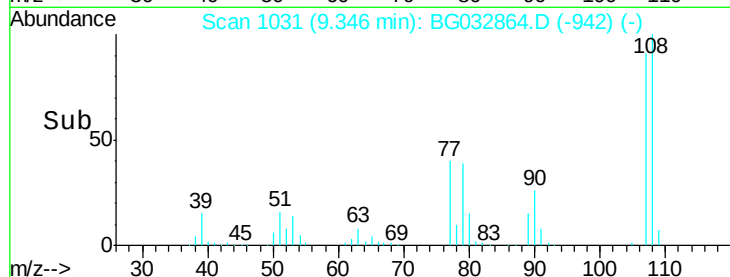
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

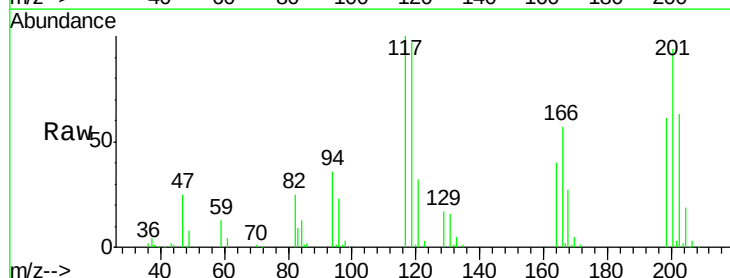
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.024 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Tgt Ion	117	Resp	83512
Ion Ratio	Lower	Upper	
117	100		
119	97.0	76.7	115.1
201	93.6	95.7	143.5#

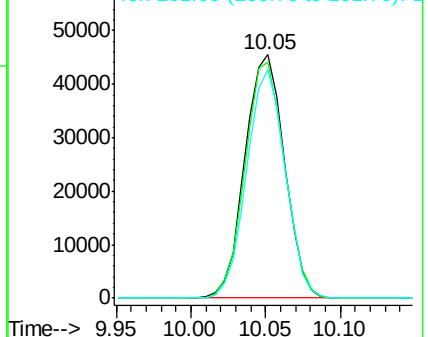
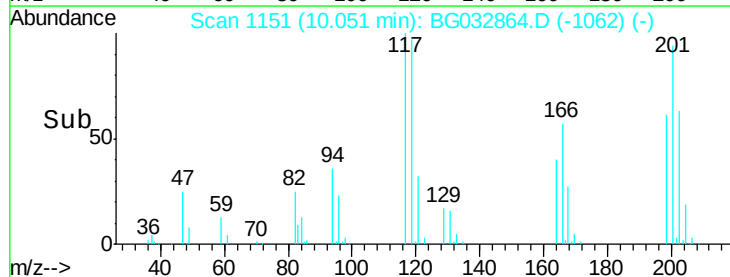


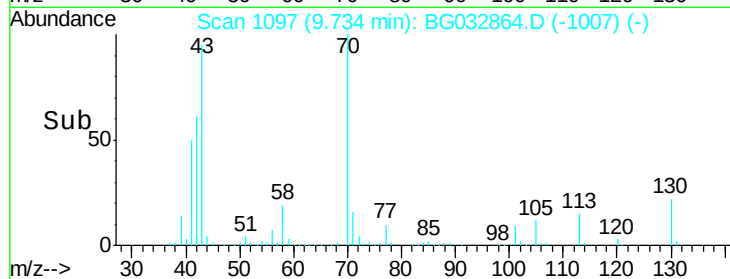
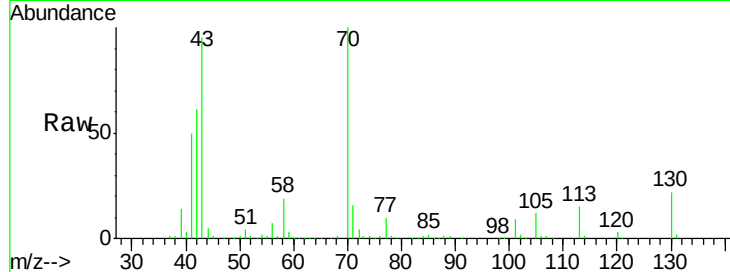
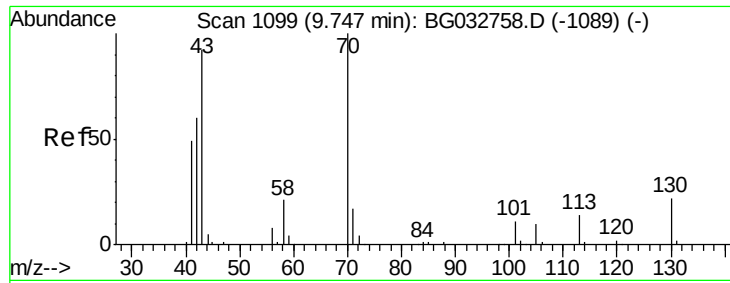
Abundance

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





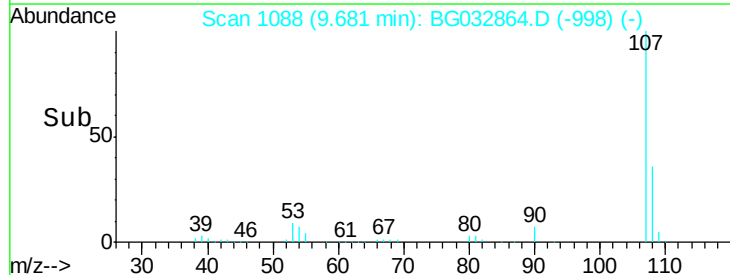
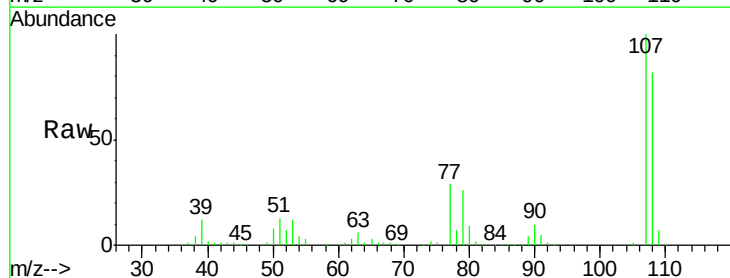
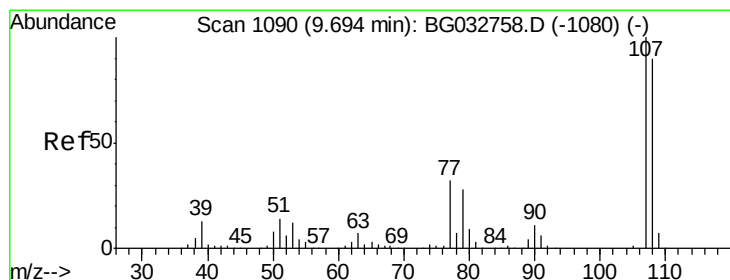
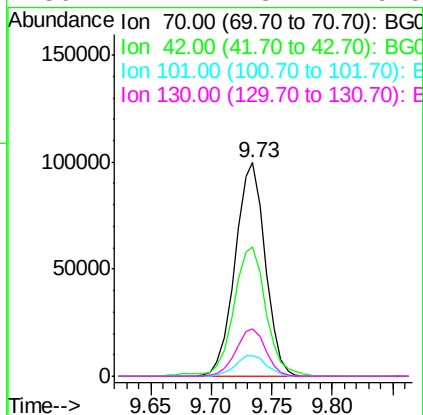
#19
n-Nitroso-di-n-propylamine
Concen: 37.932 ng
RT: 9.73 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Instrument :
BNA_G
ClientSampleId :
PB106879BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.7	49.1	73.7	
101	9.4	8.5	12.7	
130	22.1	13.4	20.0	

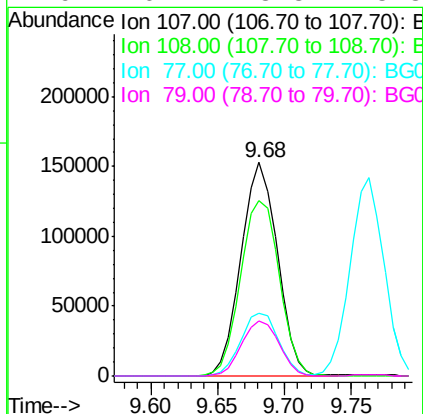
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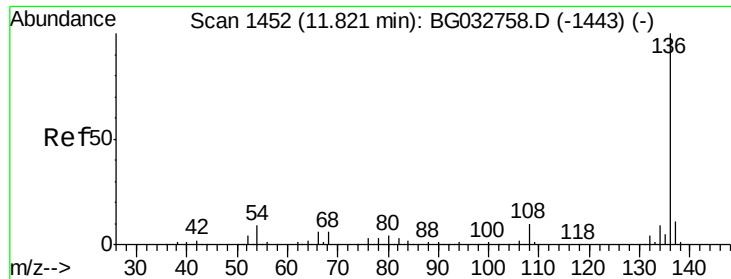
Sohil
2/28/2018 1:01:44 PM



#20
3+4-Methylphenols
Concen: 43.480 ng
RT: 9.68 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	81.9	61.6	101.6	
77	29.4	13.9	53.9	
79	26.1	8.8	48.8	





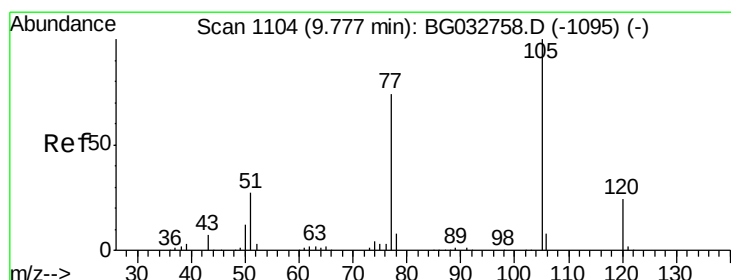
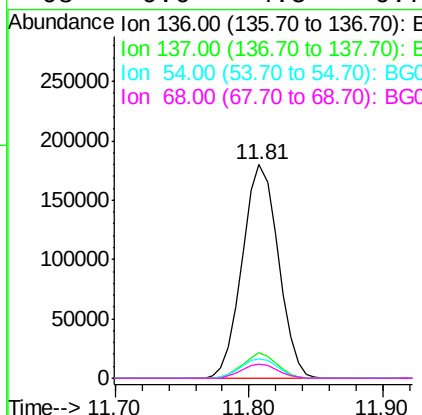
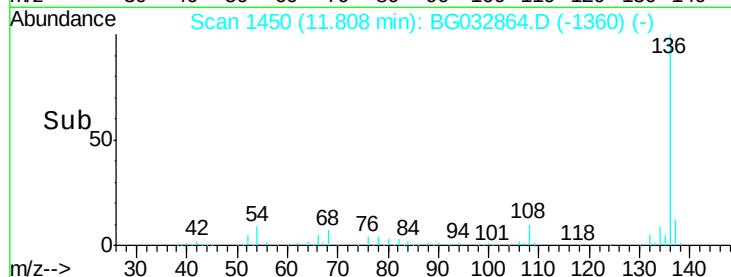
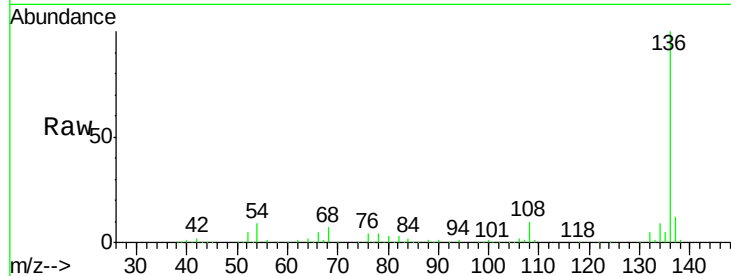
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Instrument :
BNA_G
ClientSampled :
PB106879BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	9.1	10.3	15.5
68	6.6	4.5	6.7

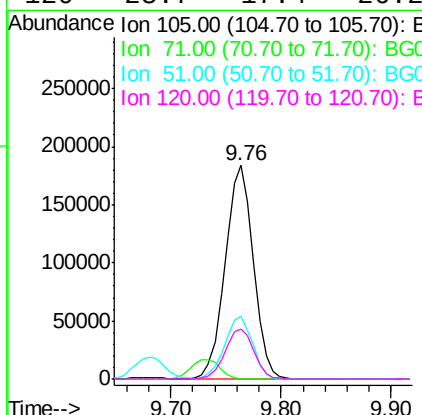
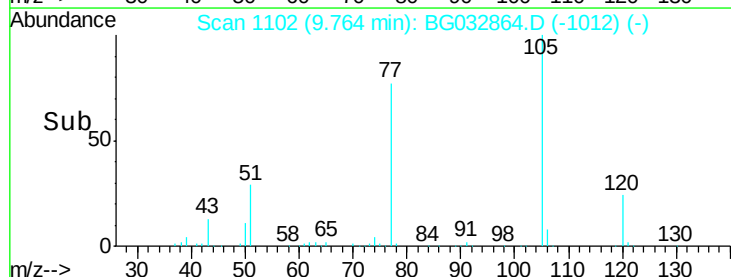
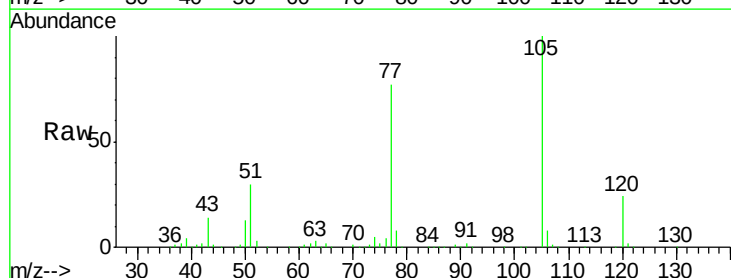
Manual Integrations
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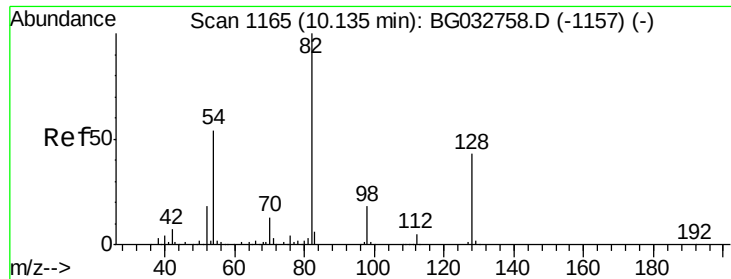
Sohil
2/28/2018 1:01:44 PM



#22
Acetophenone
Concen: 38.630 ng
RT: 9.76 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.3	3.0	4.4
51	29.6	26.1	39.1
120	23.7	17.4	26.2





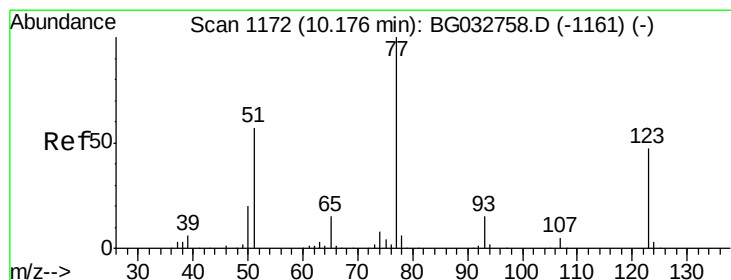
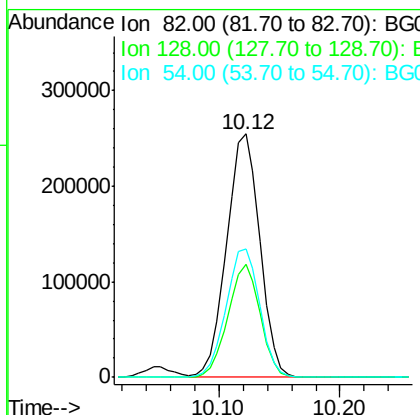
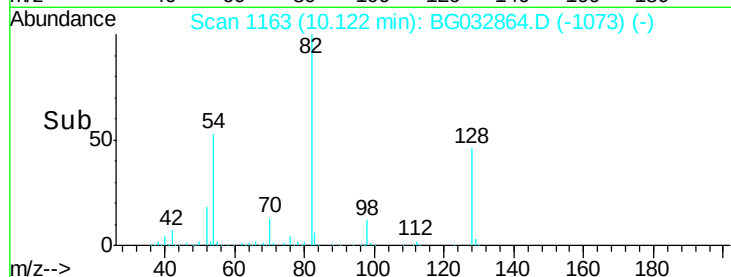
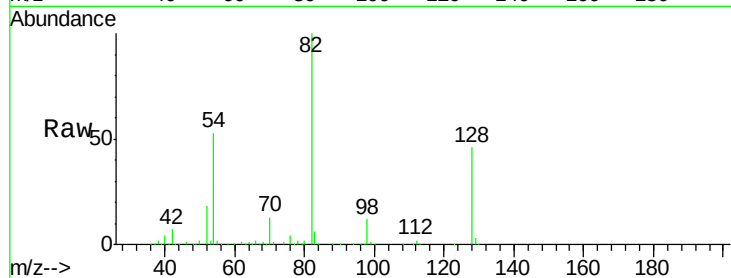
#23
 Nitrobenzene-d5
 Concen: 98.712 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BG032864.D
 Acq: 27 Feb 2018 21:04

Instrument :
 BNA_G
 ClientSampleId :
 PB106879BS

Tot Ion	82	Resp	486429
Ion Ratio	100	Lower	Upper
128	46.3	29.7	44.5#
54	52.7	43.1	64.7

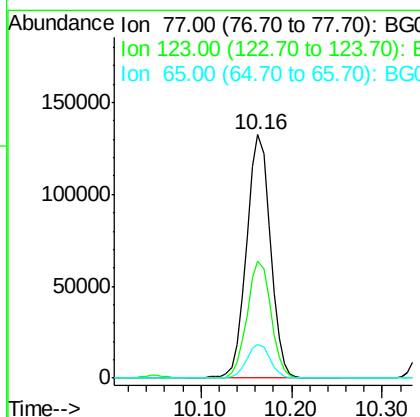
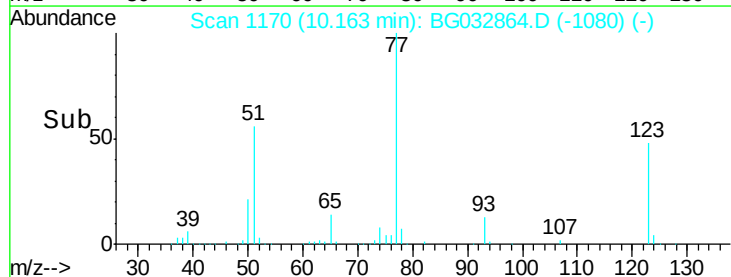
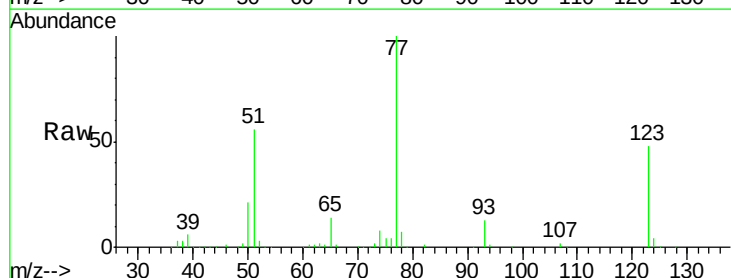
Manual Integrations
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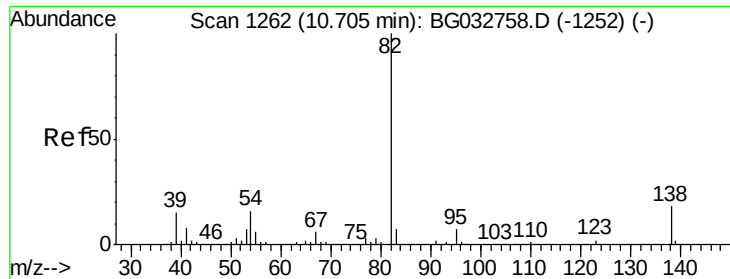
Sohil
 2/28/2018 1:01:44 PM



#24
 Nitrobenzene
 Concen: 45.433 ng
 RT: 10.16 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BG032864.D
 Acq: 27 Feb 2018 21:04

Tgt Ion	77	Resp	241196
Ion Ratio	100	Lower	Upper
123	48.2	33.0	49.6
65	14.1	13.0	19.6





#25

Isophorone

Concen: 41.028 ng

RT: 10.69 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BG032864.D

Acq: 27 Feb 2018 21:04

Instrument :

BNA_G

ClientSampleId :

PB106879BS

Tot Ion: 82 Resp: 483580

Ion Ratio Lower Upper

82 100

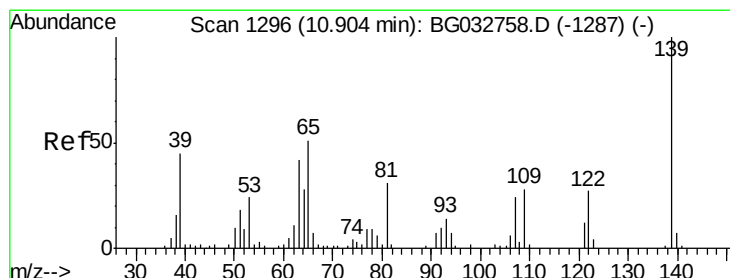
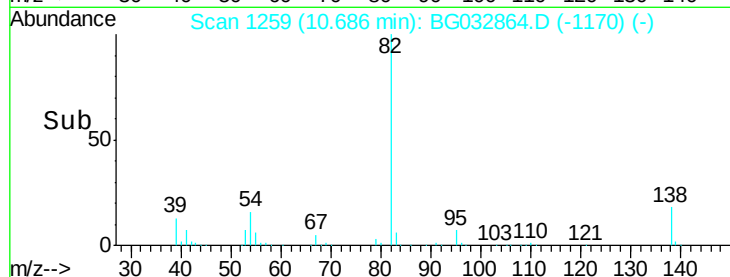
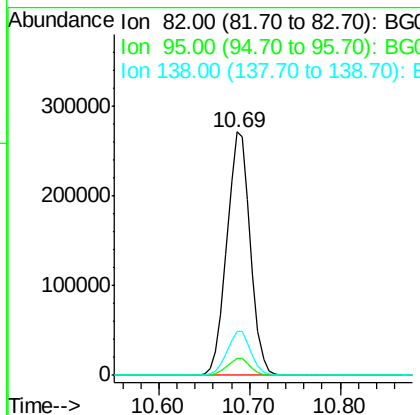
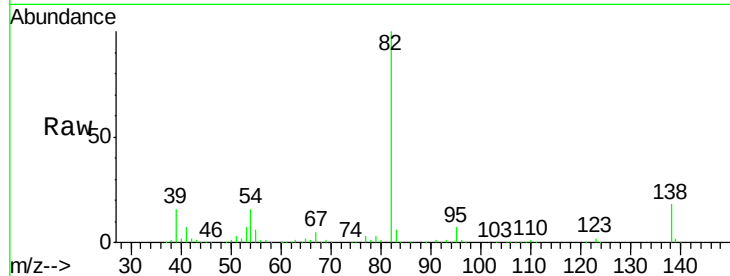
95 6.8 6.2 9.2

138 18.2 12.1 18.1#

Manual Integrations
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2/28/2018 1:01:44 PM



#26

2-Nitrophenol

Concen: 57.894 ng

RT: 10.89 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG032864.D

Acq: 27 Feb 2018 21:04

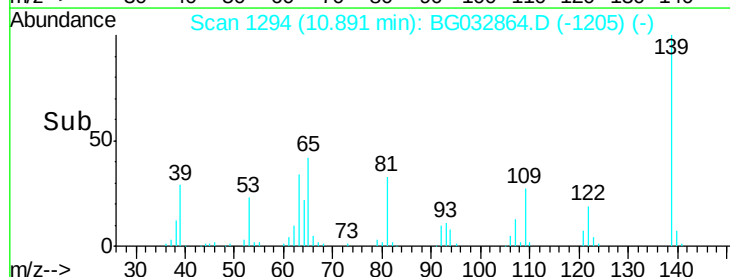
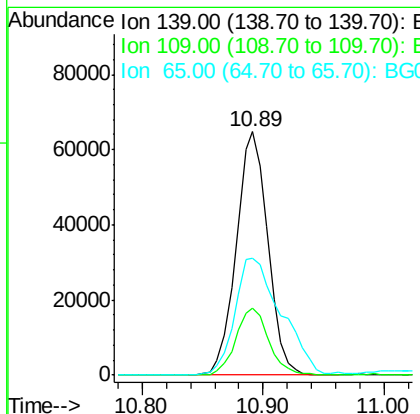
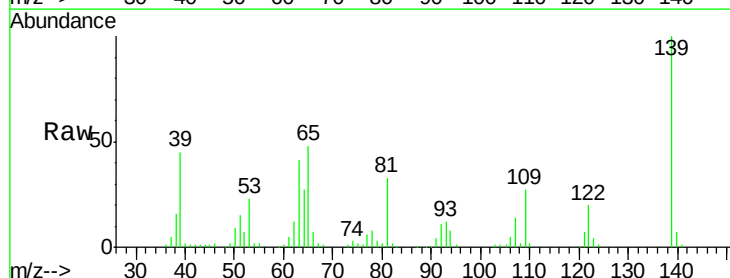
Tgt Ion: 139 Resp: 117635

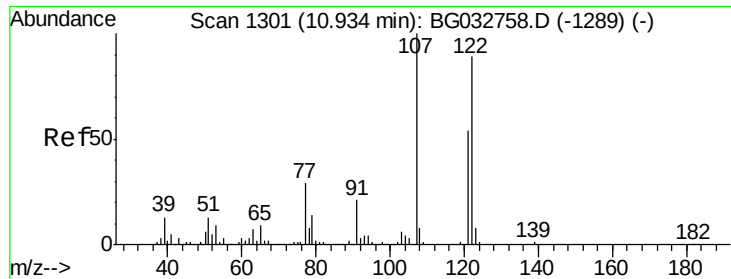
Ion Ratio Lower Upper

139 100

109 27.3 24.2 36.2

65 48.0 47.4 71.0





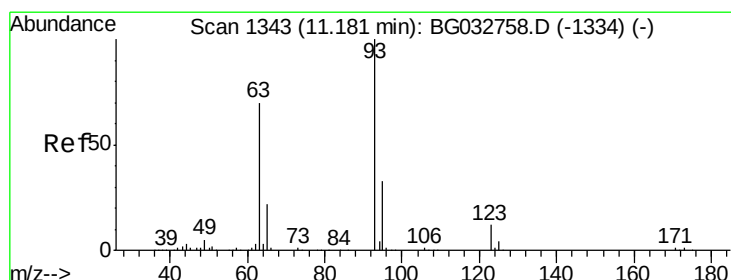
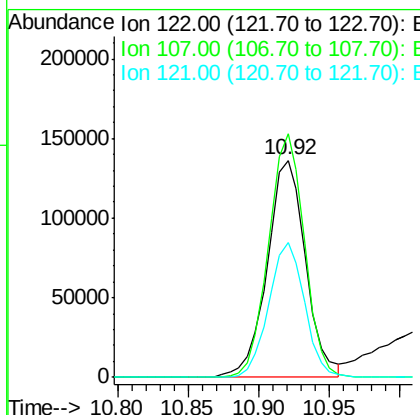
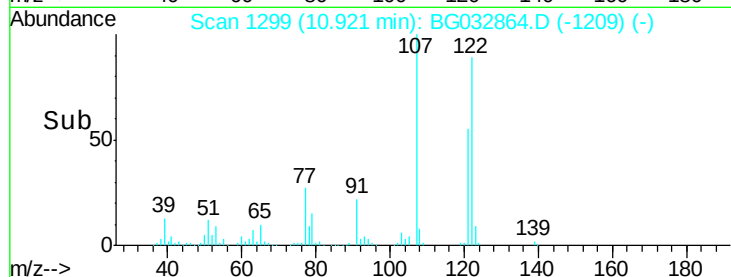
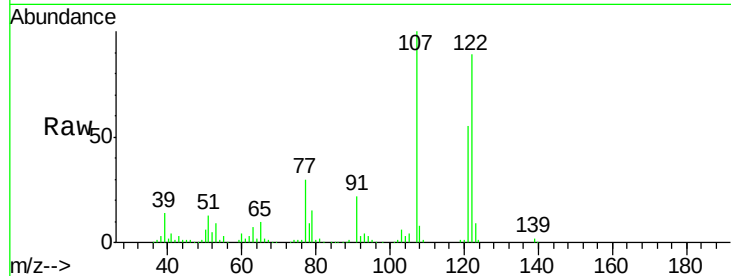
#27
 2,4-Dimethylphenol
 Concen: 50.653 ng
 RT: 10.92 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BG032864.D
 Acq: 27 Feb 2018 21:04

Instrument :
 BNA_G
 ClientSampleId :
 PB106879BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.1	100.2	150.2
121	62.1	44.4	66.6

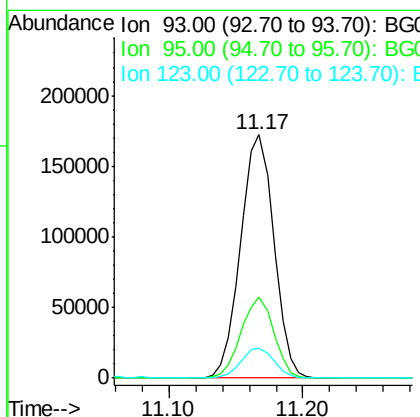
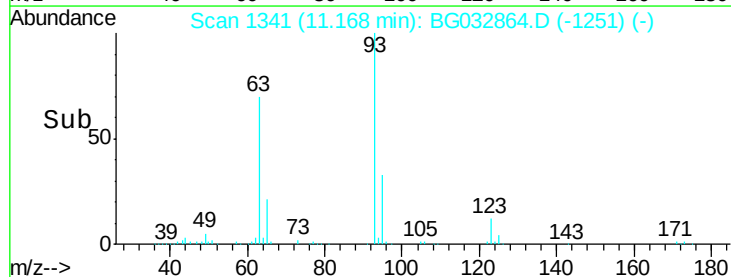
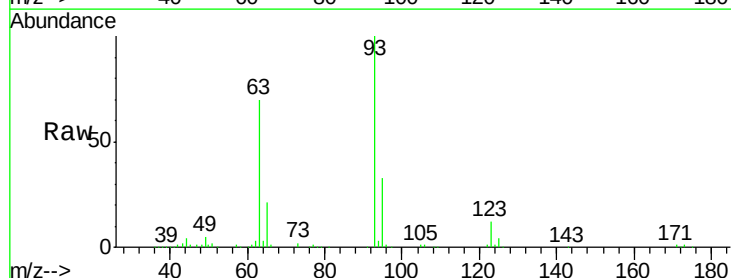
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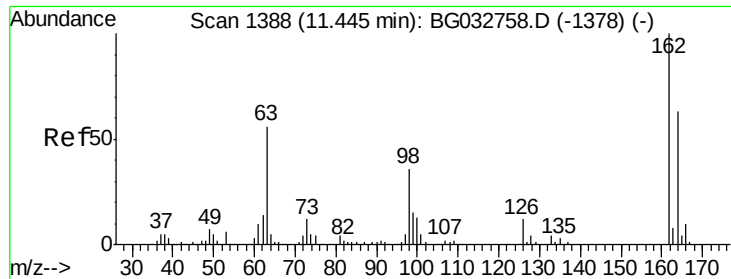
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.242 ng
 RT: 11.17 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BG032864.D
 Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	24.3	36.5
123	12.2	8.4	12.6





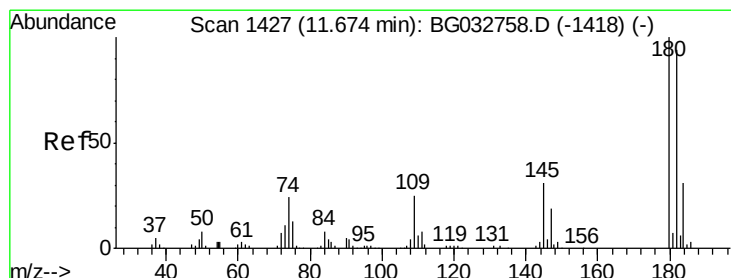
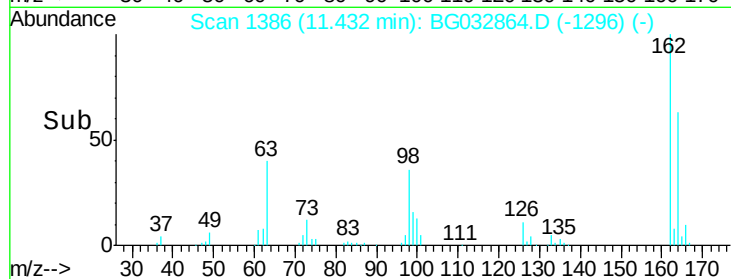
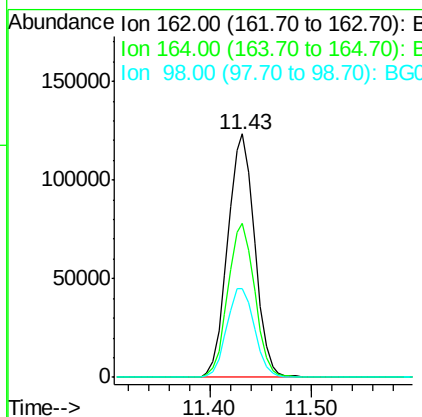
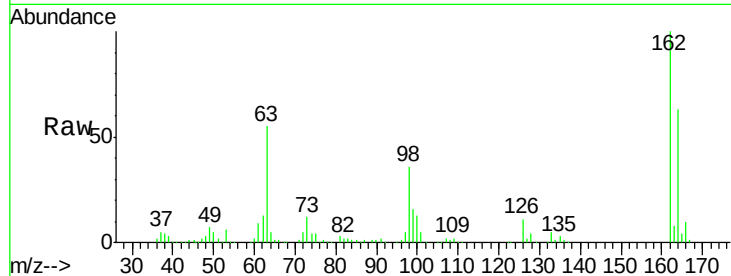
#29
2,4-Dichlorophenol
Concen: 49.067 ng
RT: 11.43 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Instrument :
BNA_G
ClientSampleId :
PB106879BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.4	48.0	88.0
98	36.4	21.1	61.1

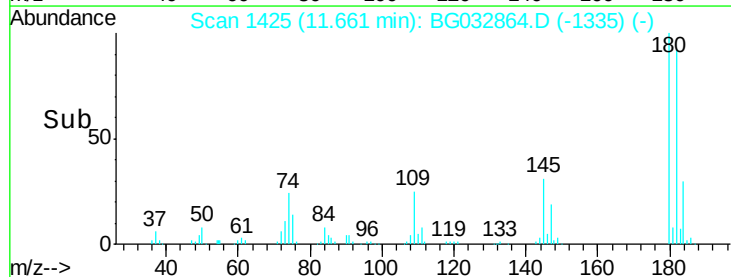
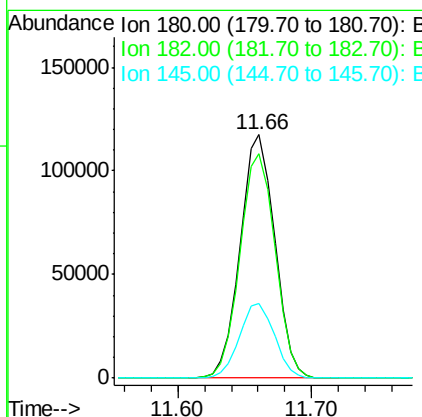
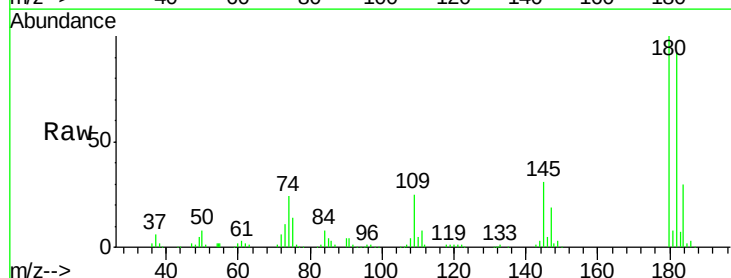
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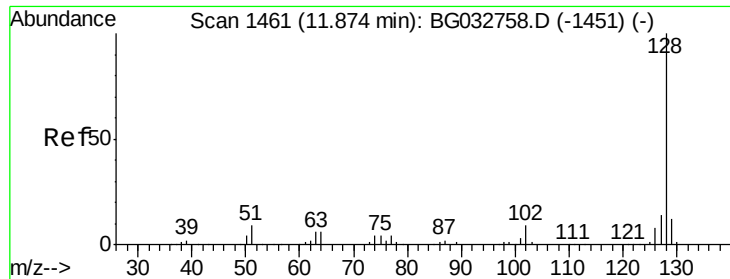
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 38.537 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.2	77.5	116.3
145	30.5	23.4	35.2





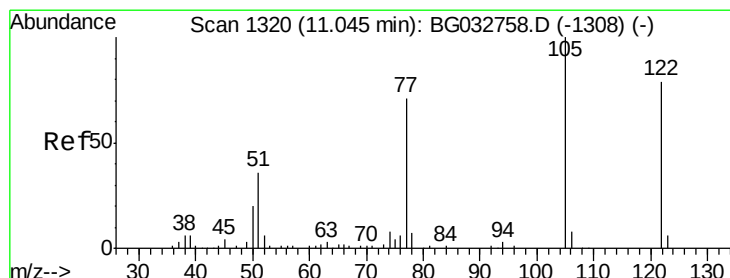
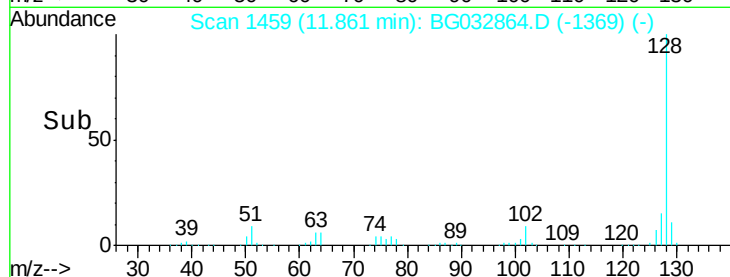
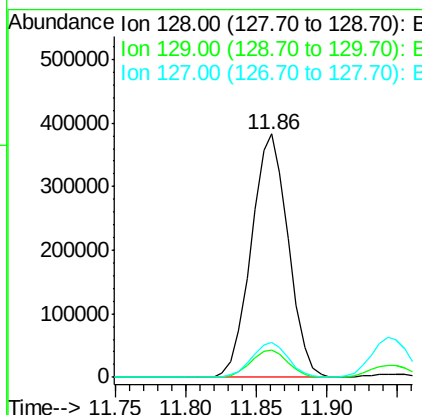
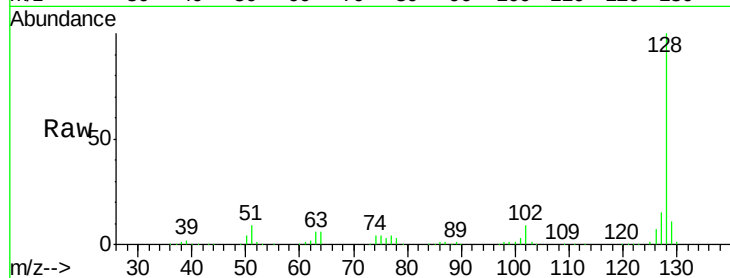
#31
Naphthalene
Concen: 39.934 ng
RT: 11.86 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Instrument :
BNA_G
ClientSampleId :
PB106879BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	14.6	11.6	17.4

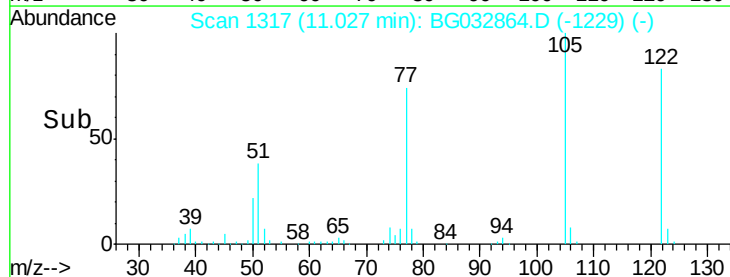
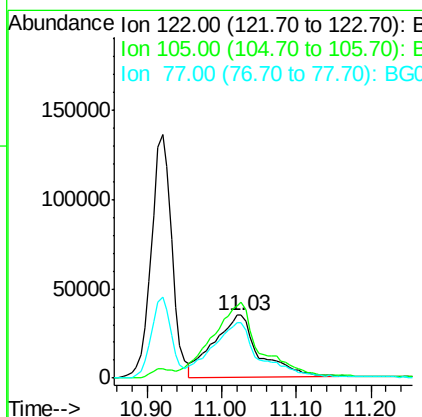
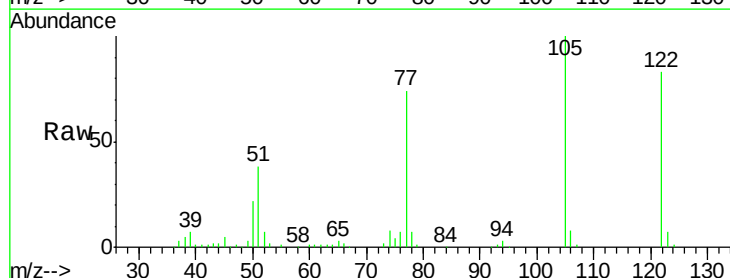
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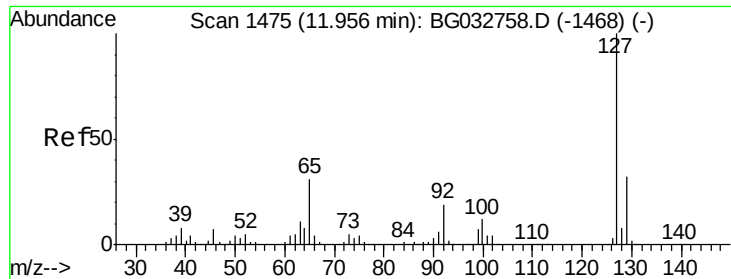
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#32
Benzoic acid
Concen: 46.558 ng
RT: 11.03 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.2	123.5	163.5#
77	88.8	85.7	125.7





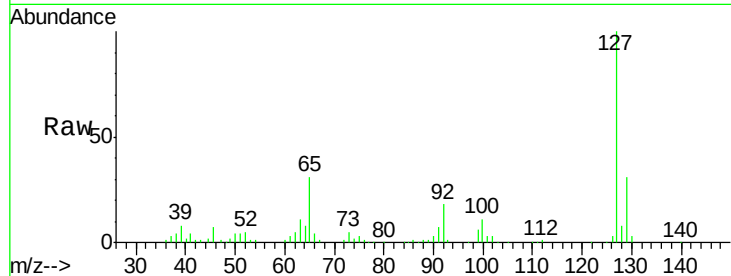
#33
4-Chloroaniline
Concen: 14.816 ng
RT: 11.94 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Instrument :
BNA_G
ClientSampled :
PB106879BS

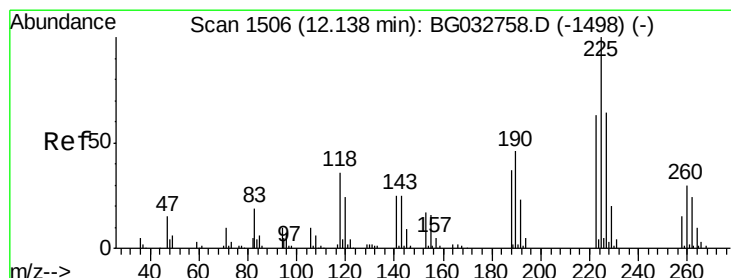
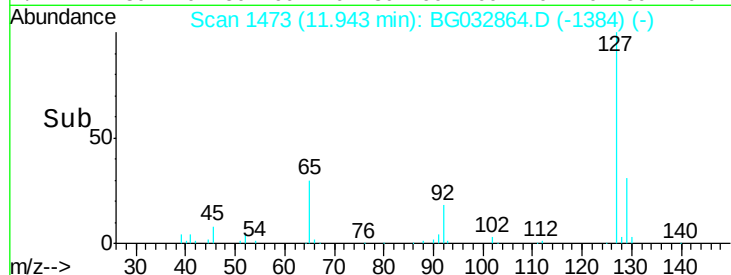
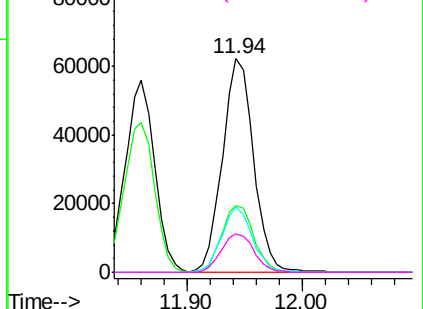
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.0	24.0	36.0		
65	30.9	27.0	40.4		
92	17.9	16.6	25.0		

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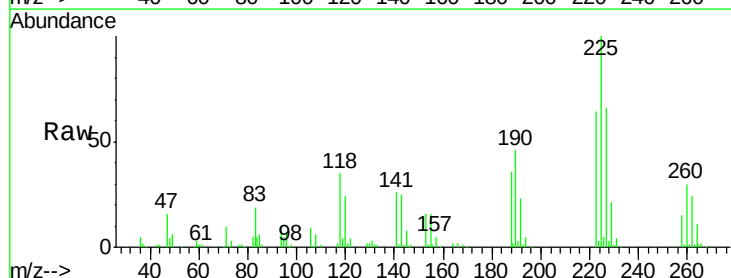


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

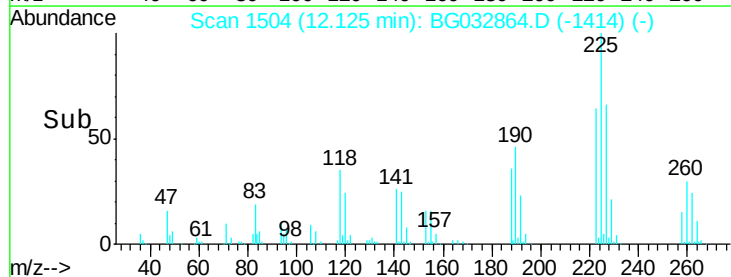
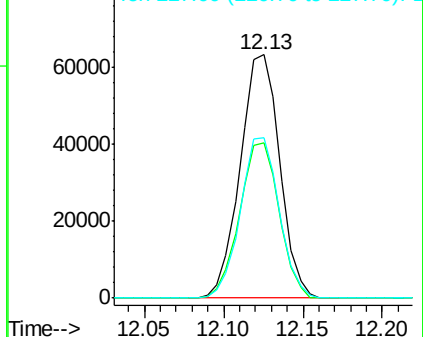


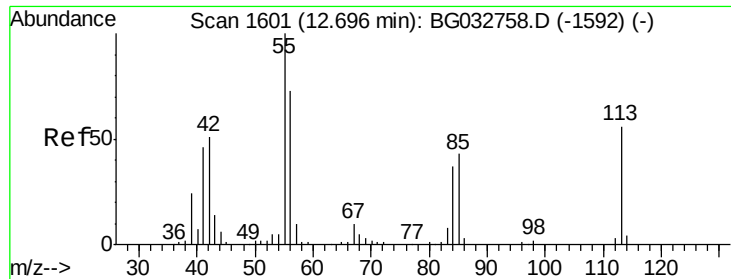
#34
Hexachlorobutadiene
Concen: 35.853 ng
RT: 12.13 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	49.7	74.5		
227	65.9	48.1	72.1		



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





#35

Caprolactam

Concen: 50.398 ng

RT: 12.69 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BG032864.D

Acq: 27 Feb 2018 21:04

Instrument :

BNA_G

ClientSampled :

PB106879BS

Tot Ion:113 Resp: 93778

Ion Ratio Lower Upper

113 100

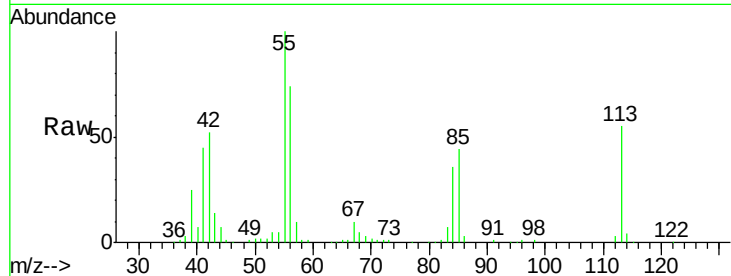
55 183.0 186.9 226.9#

56 136.3 130.9 170.9

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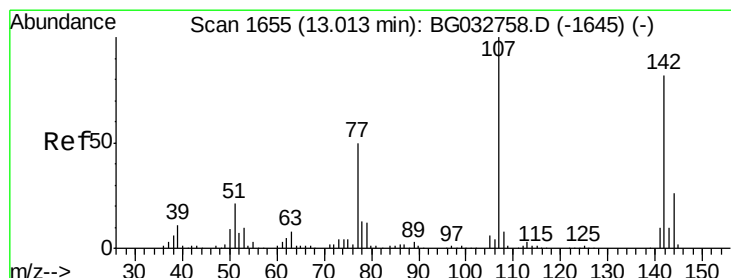
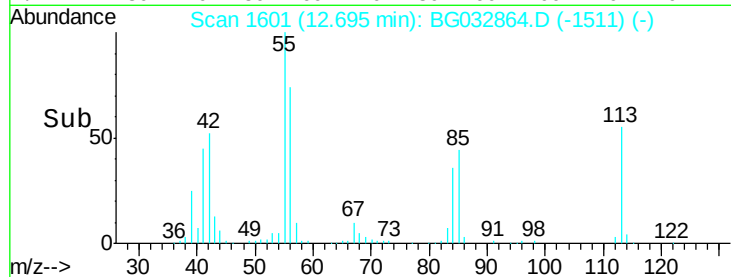
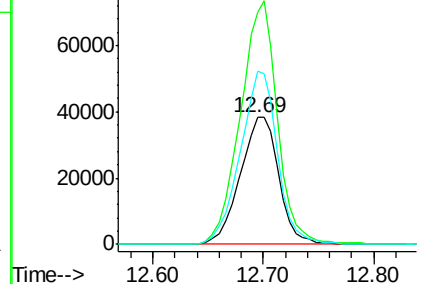
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 49.290 ng

RT: 13.01 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG032864.D

Acq: 27 Feb 2018 21:04

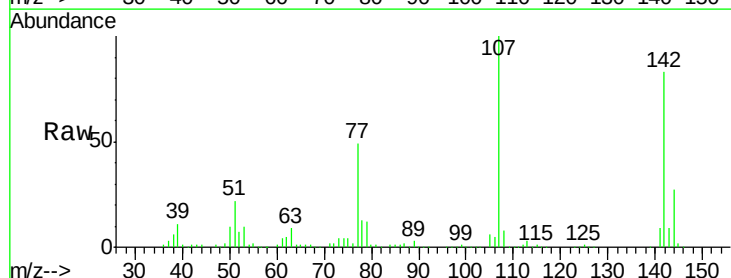
Tgt Ion:107 Resp: 266553

Ion Ratio Lower Upper

107 100

144 27.2 18.2 27.4

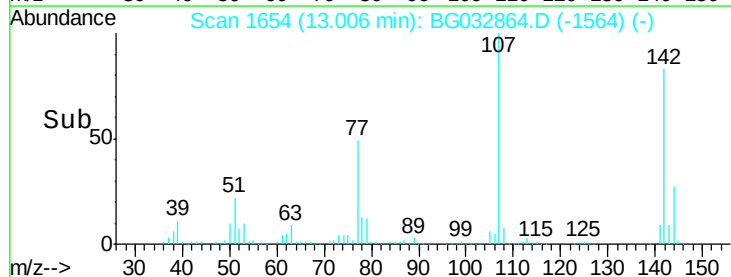
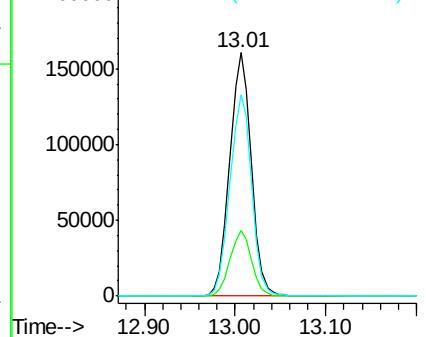
142 82.7 59.0 88.4

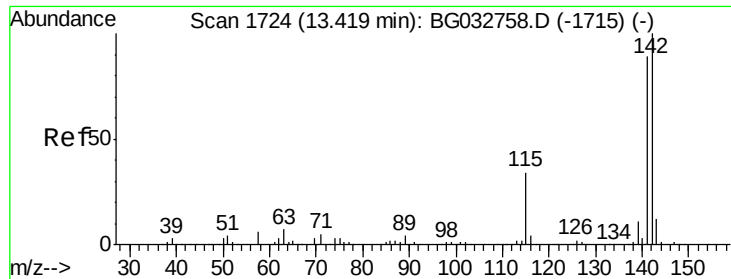


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





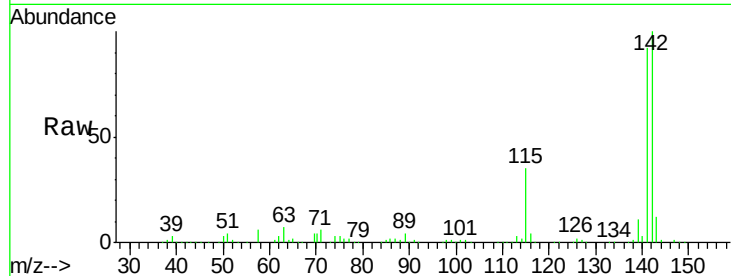
#37
2-Methylnaphthalene
Concen: 41.111 ng
RT: 13.41 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Instrument :
BNA_G
ClientSampleId :
PB106879BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.5	67.1	100.7
115	35.0	30.7	46.1

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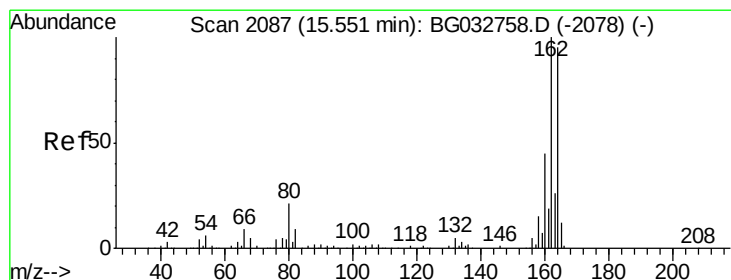
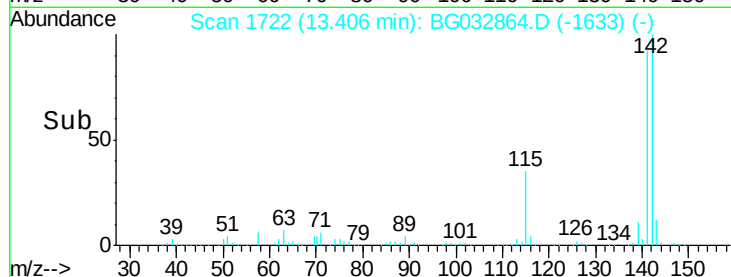
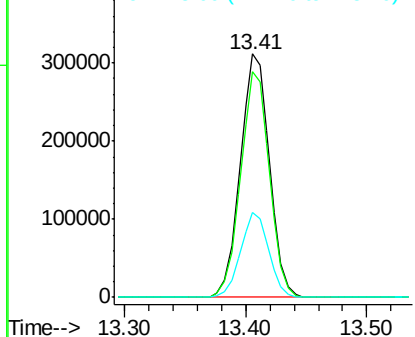


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

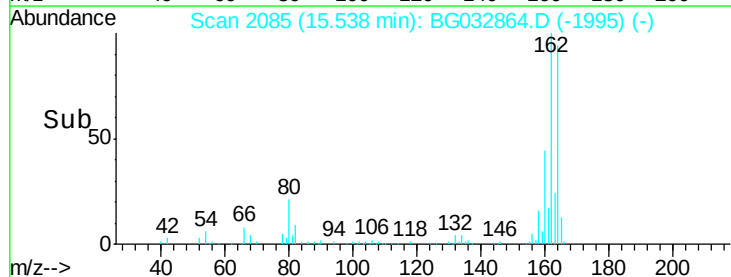
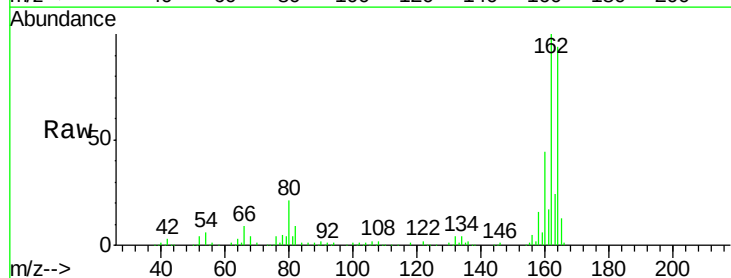
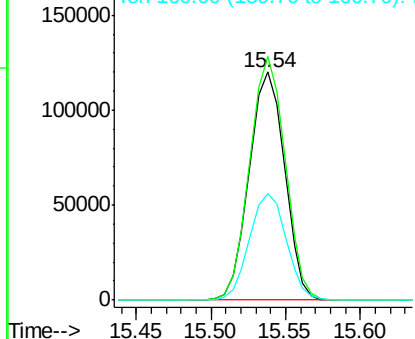
Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.9	78.8	118.2
160	47.0	35.4	53.0

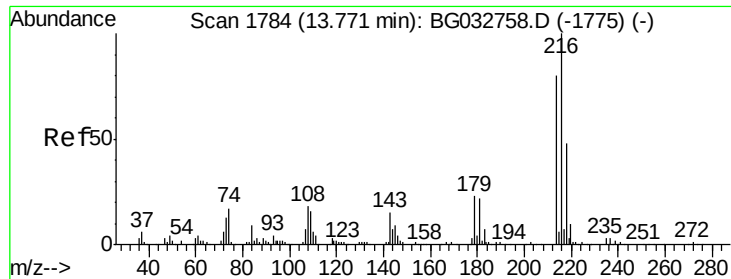
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.300 ng

RT: 13.76 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BG032864.D

Acq: 27 Feb 2018 21:04

Instrument :

BNA_G

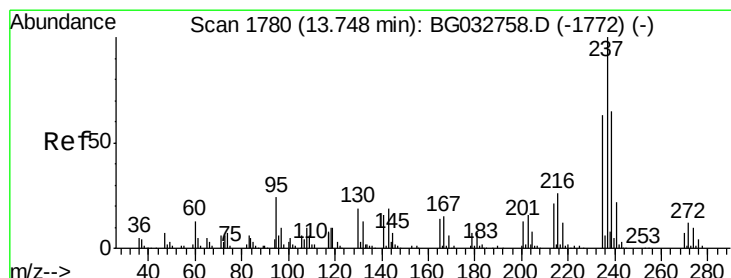
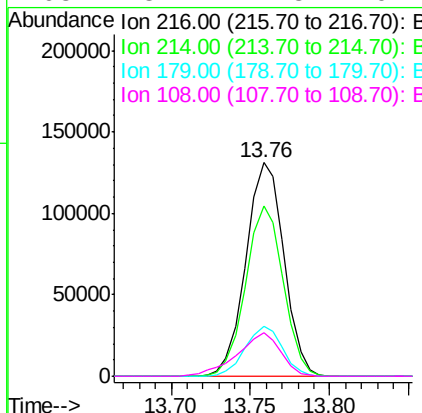
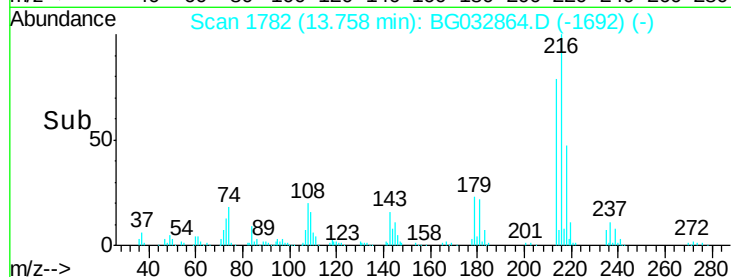
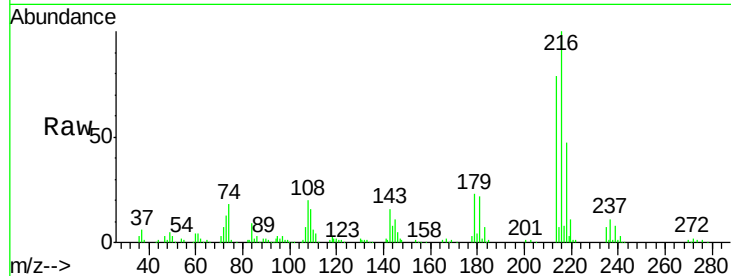
ClientSampleId :

PB106879BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	218517		
214	78.5	63.0	94.4	
179	22.9	17.0	25.6	
108	23.1	12.8	19.2	

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#40

Hexachlorocyclopentadiene

Concen: 88.334 ng

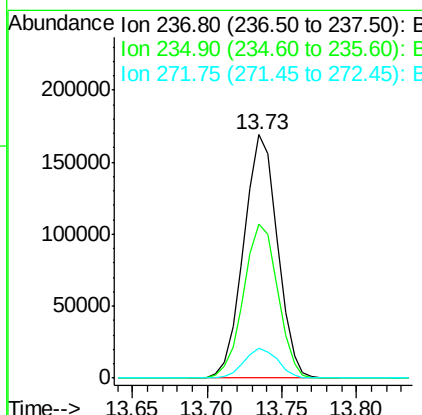
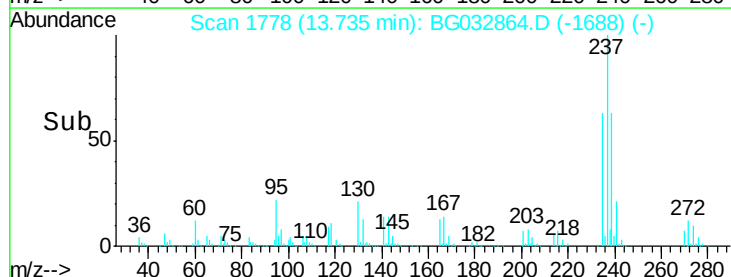
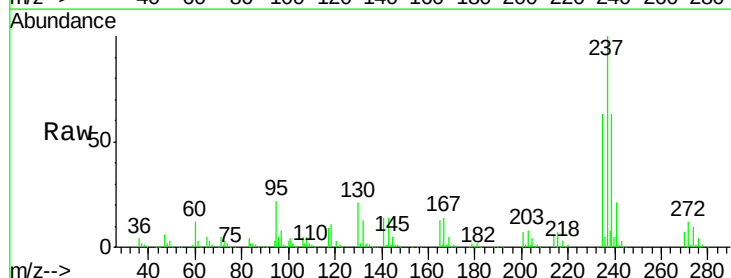
RT: 13.73 min Scan# 1778

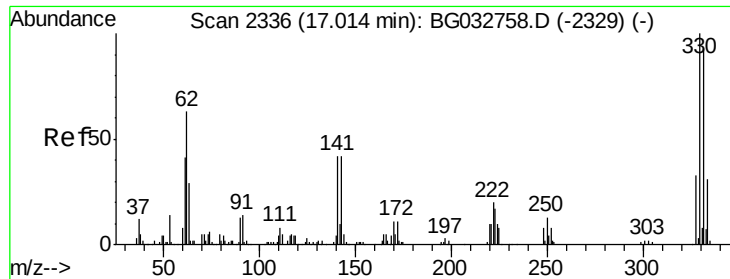
Delta R.T. -0.00 min

Lab File: BG032864.D

Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	263735		
235	63.3	50.4	90.4	
272	12.5	0.0	31.8	





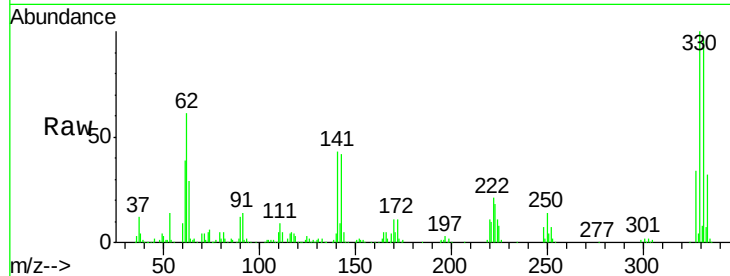
#41
 2,4,6-Tribromophenol
 Concen: 143.567 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BG032864.D
 Acq: 27 Feb 2018 21:04

Instrument :
 BNA_G
 ClientSampled :
 PB106879BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	43.4	25.2	37.8

Manual Integrations
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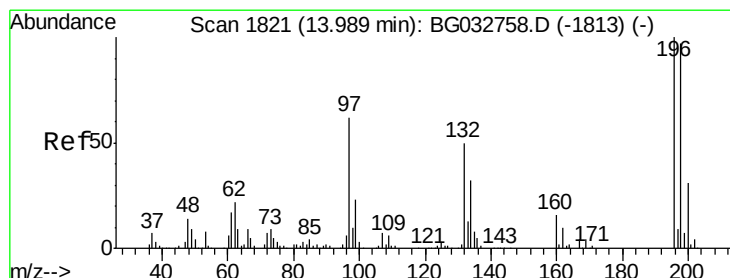
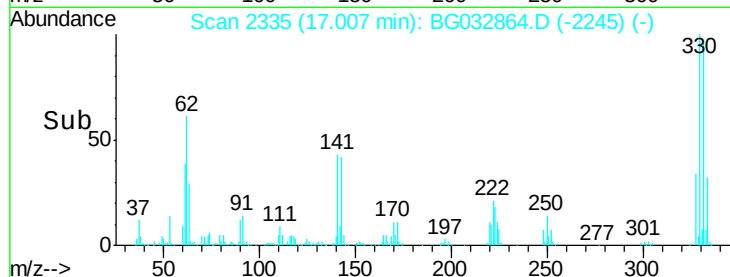
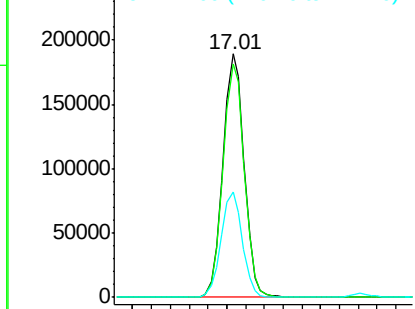


Abundance

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: 46.603 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG032864.D
 Acq: 27 Feb 2018 21:04

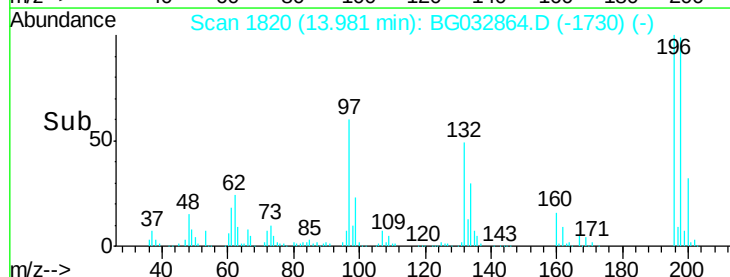
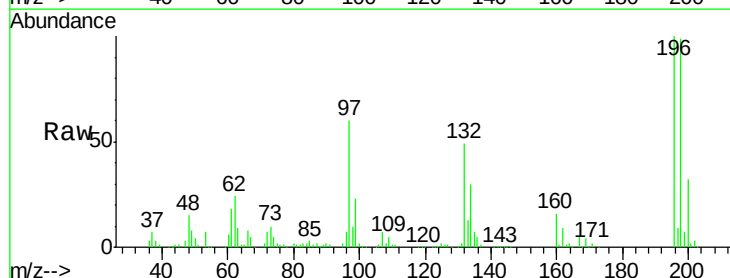
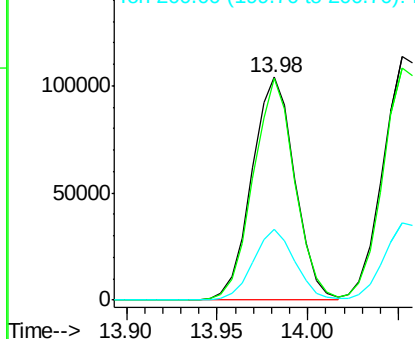
Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.4	78.2	117.2
200	31.9	24.6	36.8

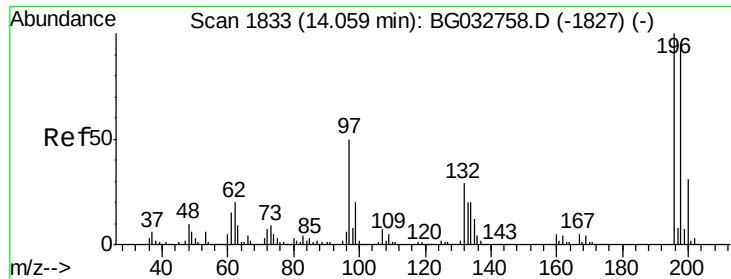
Abundance

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





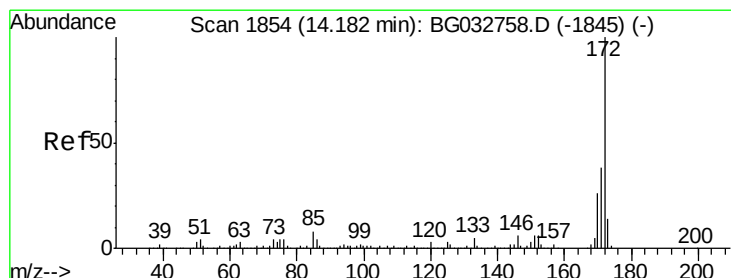
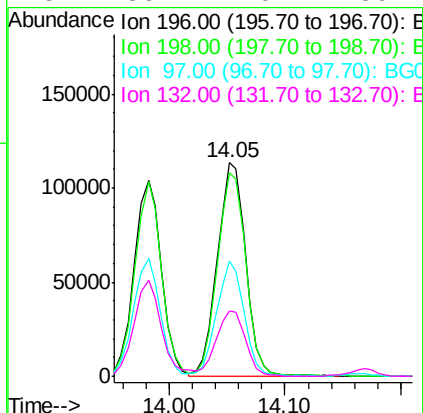
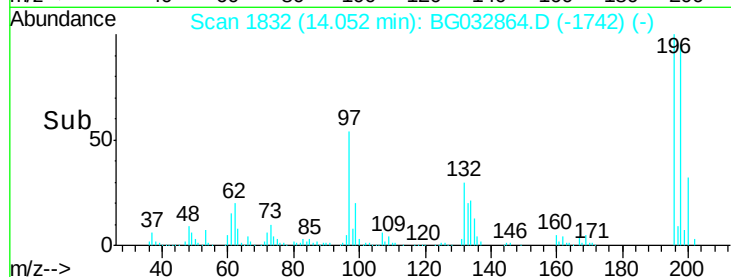
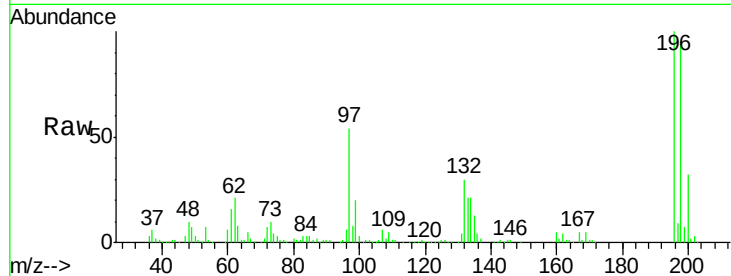
#43
 2,4,5-Trichlorophenol
 Concen: 44.936 ng
 RT: 14.05 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: BG032864.D
 Acq: 27 Feb 2018 21:04

Instrument :
 BNA_G
 ClientSampleId :
 PB106879BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	192146		
198	95.4	76.2	114.4	
97	54.0	38.7	58.1	
132	30.4	20.2	30.2	

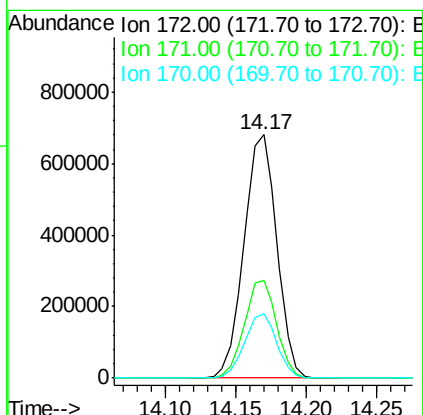
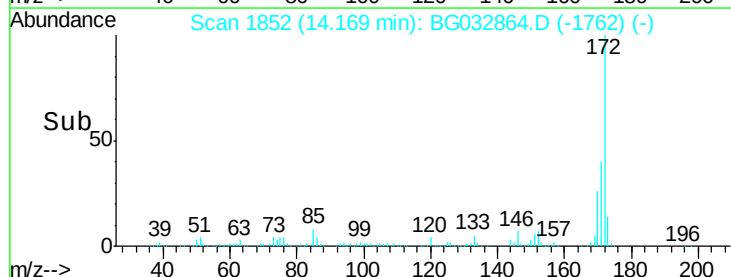
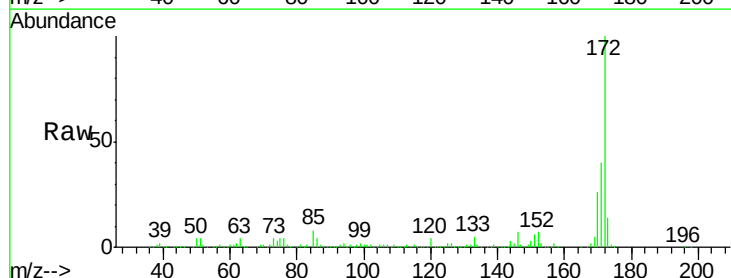
Manual Integrations
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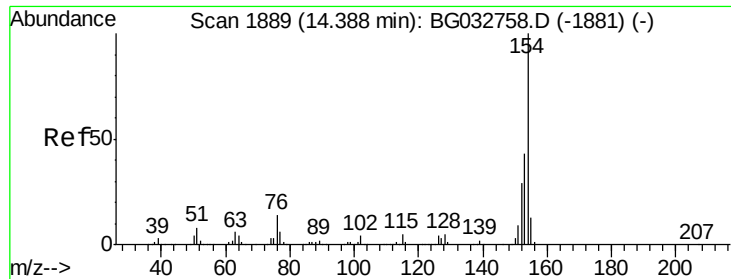
Sohil
 2/28/2018 1:01:44 PM



#44
 2-Fluorobiphenyl
 Concen: 81.191 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BG032864.D
 Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1110977		
171	40.1	30.0	45.0	
170	26.2	19.5	29.3	





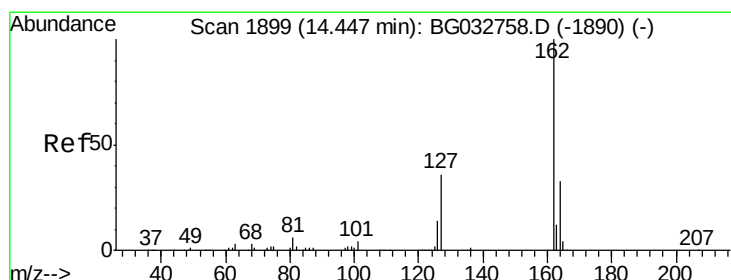
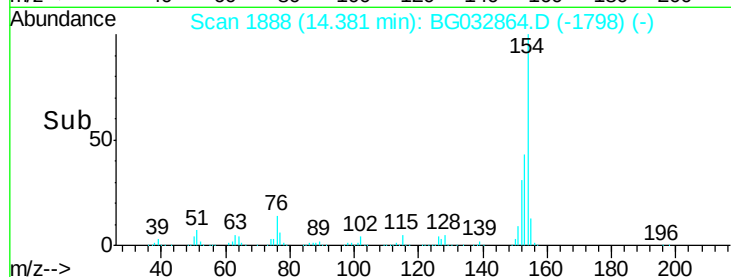
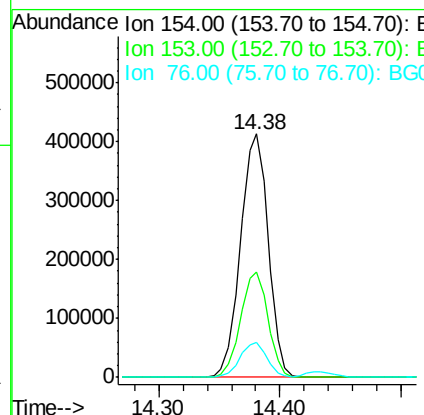
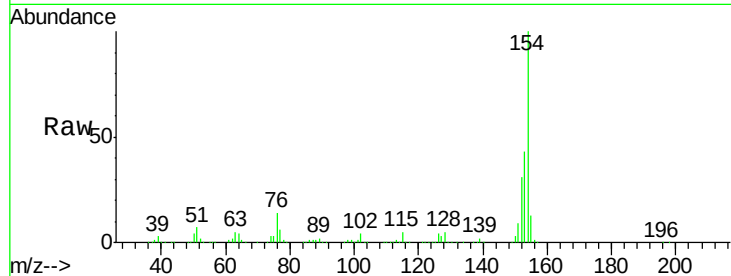
#45
 1,1'-Biphenyl
 Concen: 38.320 ng
 RT: 14.38 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: BG032864.D
 Acq: 27 Feb 2018 21:04

Instrument :
 BNA_G
 ClientSampled :
 PB106879BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.5	19.8	59.8
76	14.2	0.0	31.9

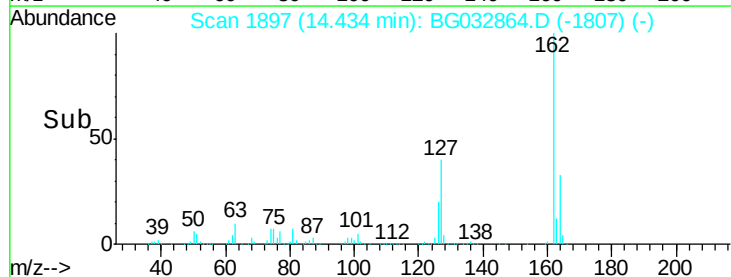
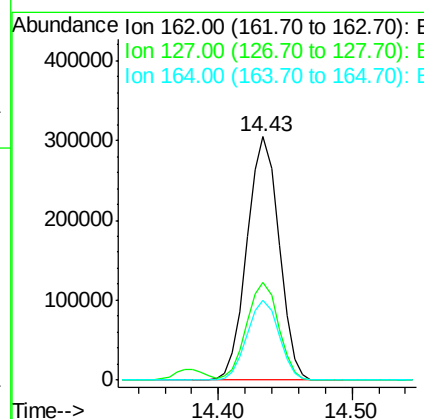
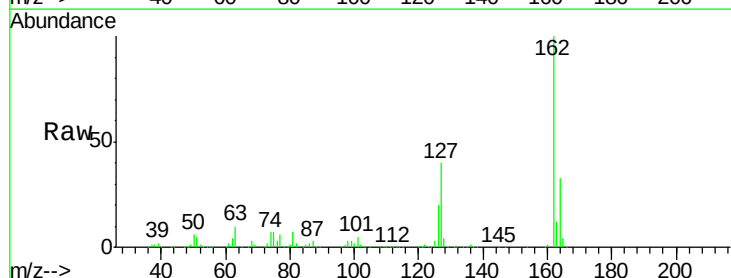
Manual Integrations
 APPROVED

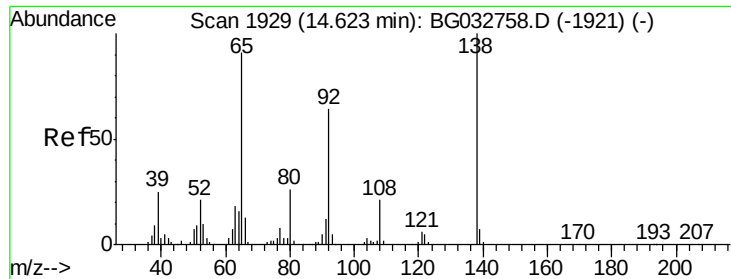
Sohil
 2/28/2018 1:01:44 PM



#46
 2-Chloronaphthalene
 Concen: 39.073 ng
 RT: 14.43 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: BG032864.D
 Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	30.7	46.1
164	33.0	26.0	39.0





#47

2-Nitroaniline

Concen: 52.427 ng

RT: 14.62 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG032864.D

Acq: 27 Feb 2018 21:04

Instrument :

BNA_G

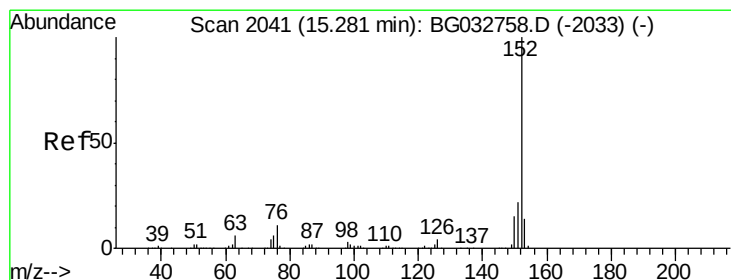
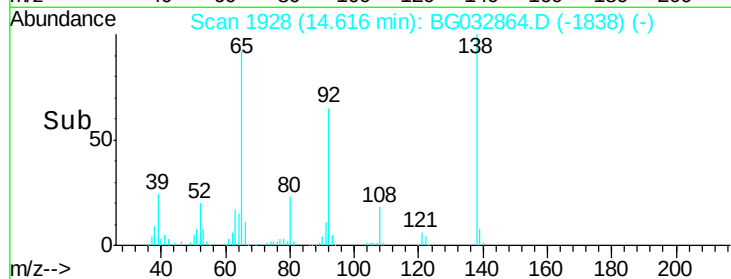
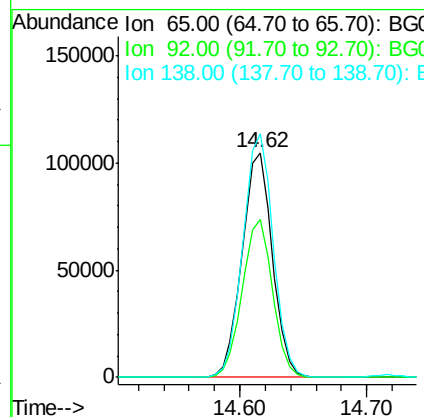
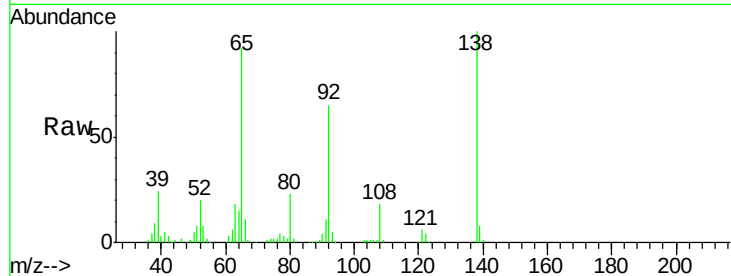
ClientSampleId :

PB106879BS

Tot Ion:	65	Resp:	174033
Ion	Ratio	Lower	Upper
65	100		
92	70.2	54.6	82.0
138	108.3	72.9	109.3

Manual Integrations
APPROVED

Sohil
2/28/2018 1:01:44 PM



#48

Acenaphthylene

Concen: 38.974 ng

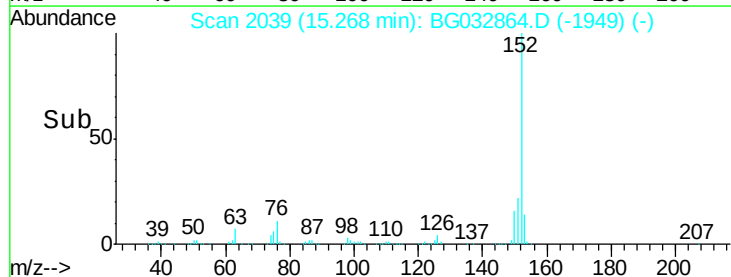
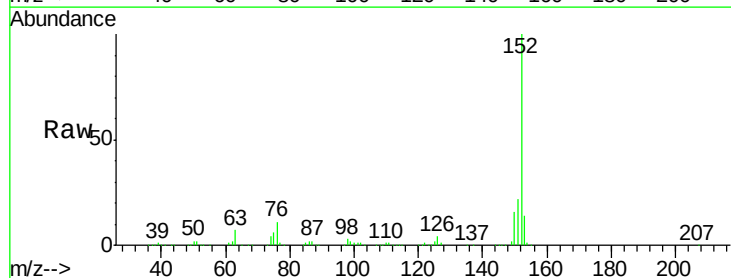
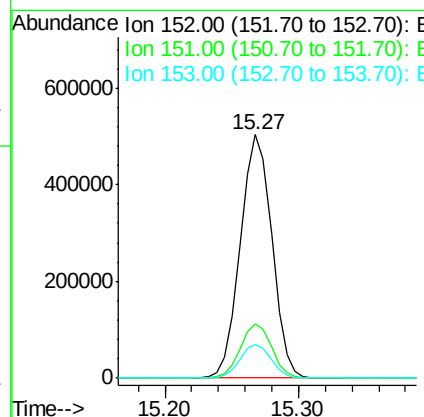
RT: 15.27 min Scan# 2039

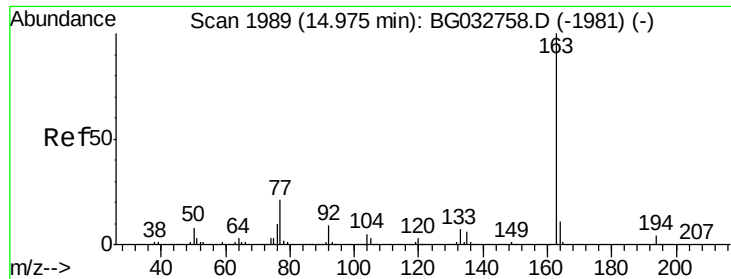
Delta R.T. -0.00 min

Lab File: BG032864.D

Acq: 27 Feb 2018 21:04

Tgt Ion:	152	Resp:	821993
Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.2	25.8
153	14.0	10.2	15.4





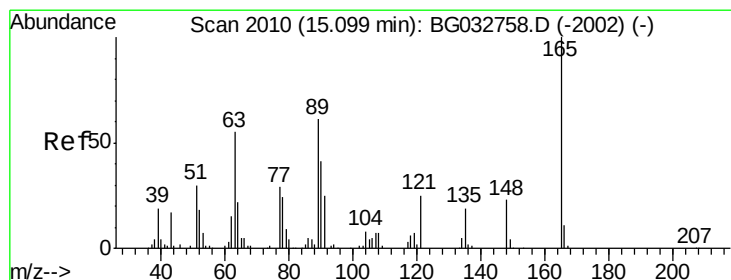
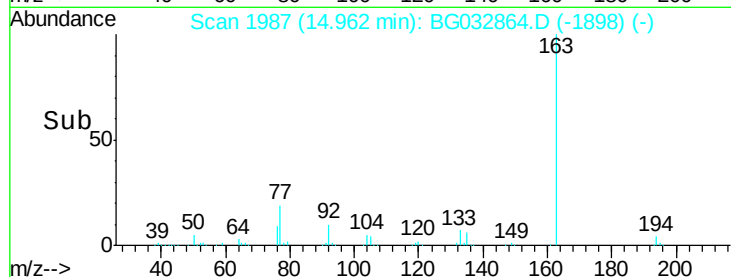
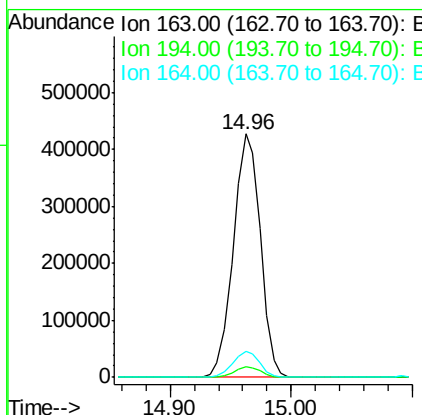
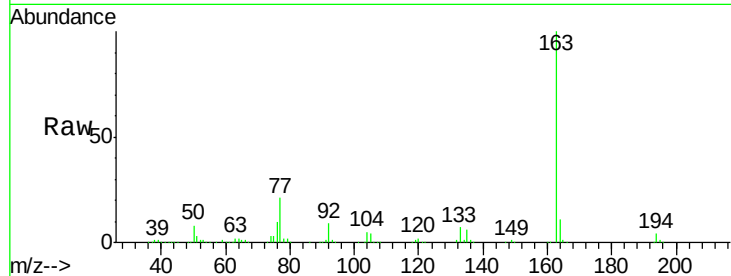
#49
Dimethylphthalate
Concen: 39.738 ng
RT: 14.96 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Instrument :
BNA_G
ClientSampled :
PB106879BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	665886		
194	4.1		3.4	5.2
164	10.8		8.2	12.4

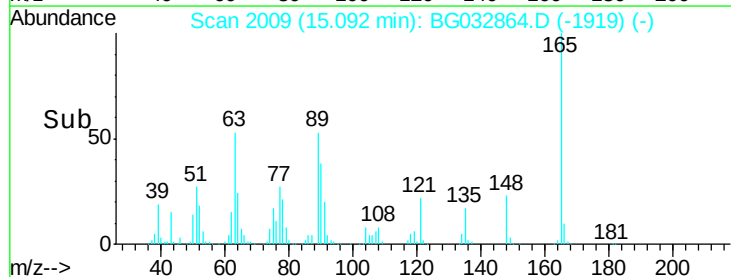
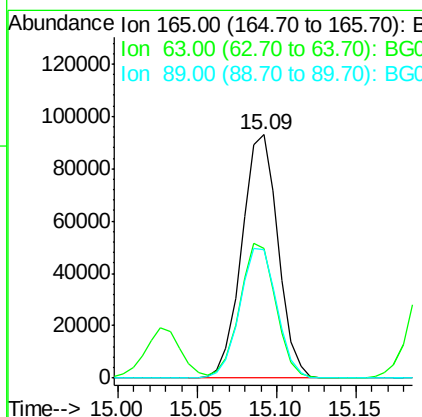
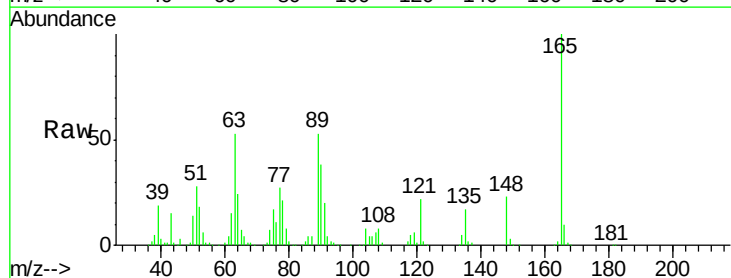
Manual Integrations
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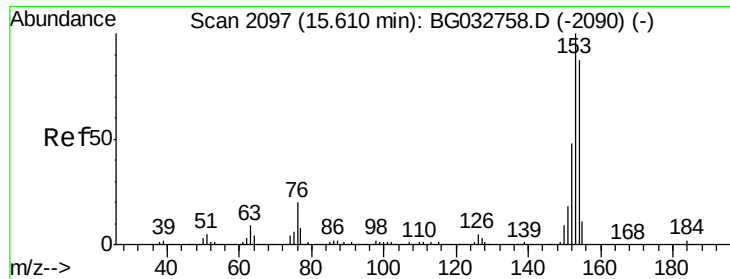
Sohil
2/28/2018 1:01:44 PM



#50
2,6-Dinitrotoluene
Concen: 52.301 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	147772		
63	53.1		52.7	79.1
89	52.9		49.2	73.8





#51

Acenaphthene

Concen: 41.168 ng

RT: 15.60 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BG032864.D

Acq: 27 Feb 2018 21:04

Instrument :

BNA_G

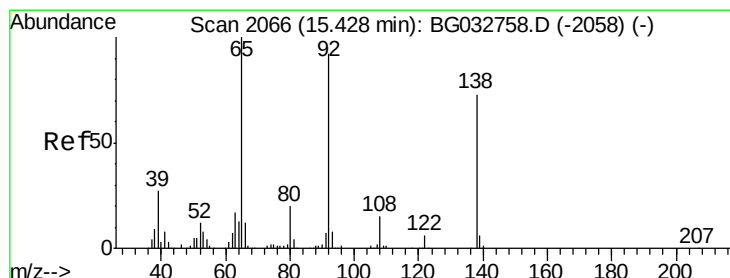
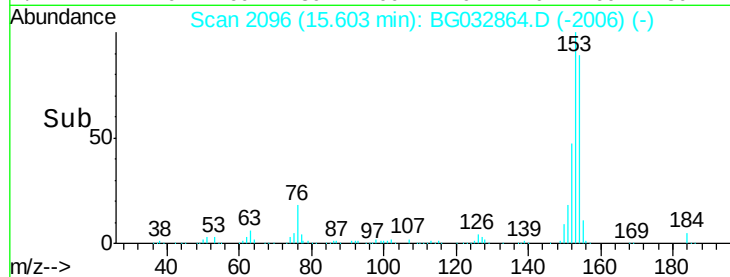
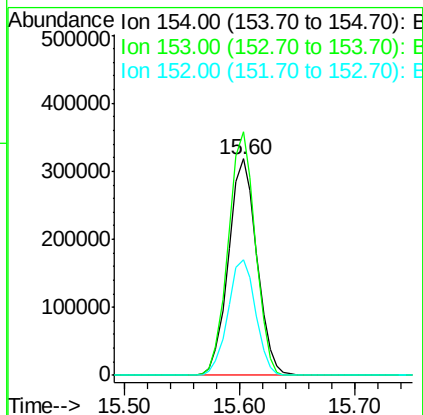
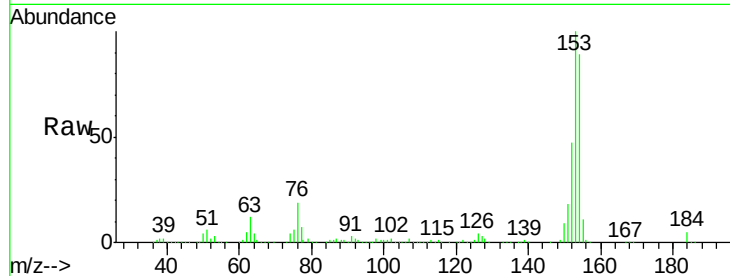
ClientSampleId :

PB106879BS

Tot Ion:	154	Resp:	540742
Ion Ratio	Lower	Upper	
154	100		
153	112.6	90.4	135.6
152	53.4	41.6	62.4

Manual Integrations
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Sohil
2/28/2018 1:01:44 PM



#52

3-Nitroaniline

Concen: 28.614 ng

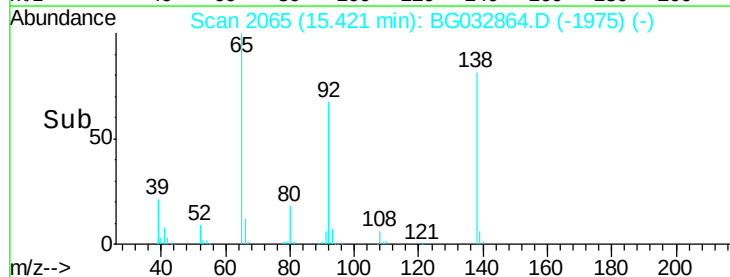
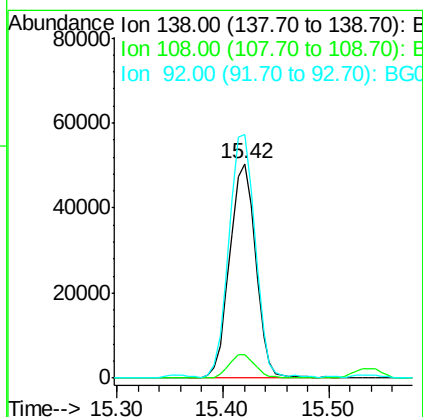
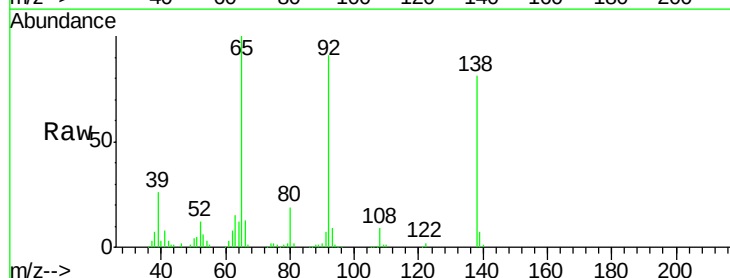
RT: 15.42 min Scan# 2065

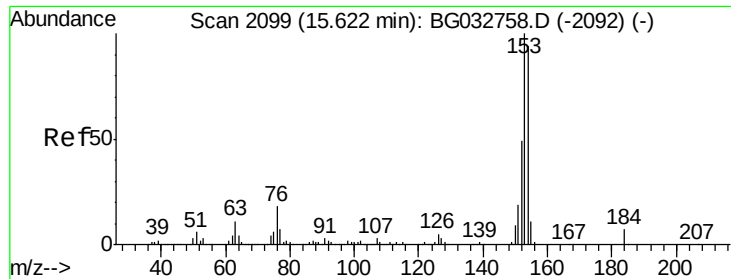
Delta R.T. -0.00 min

Lab File: BG032864.D

Acq: 27 Feb 2018 21:04

Tgt Ion:	138	Resp:	85776
Ion Ratio	Lower	Upper	
138	100		
108	10.9	17.5	26.3#
92	113.5	105.8	158.8





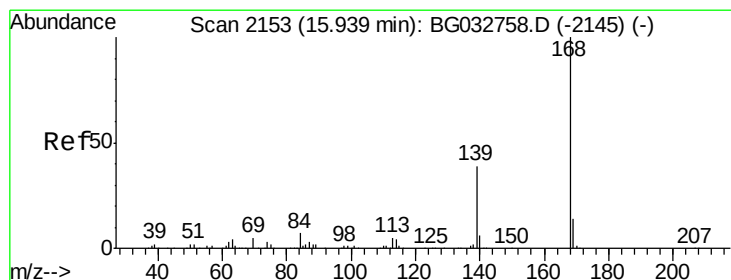
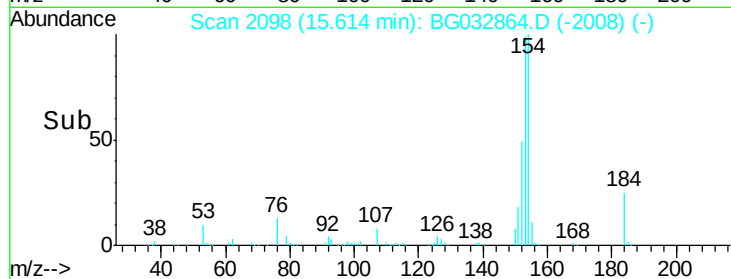
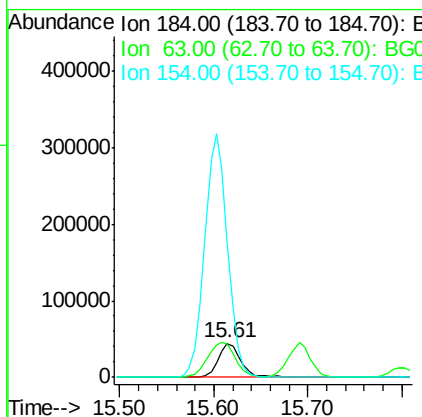
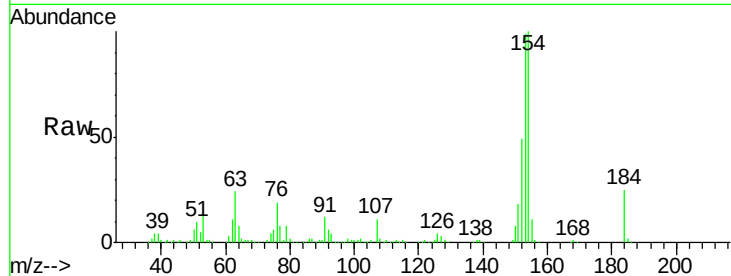
#53
2,4-Dinitrophenol
Concen: 84.412 ng
RT: 15.61 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Instrument :
BNA_G
ClientSampleId :
PB106879BS

Tot Ion:184 Resp: 75512
Ion Ratio Lower Upper
184 100
63 97.5 59.8 89.8#
154 405.8 101.8 152.8#

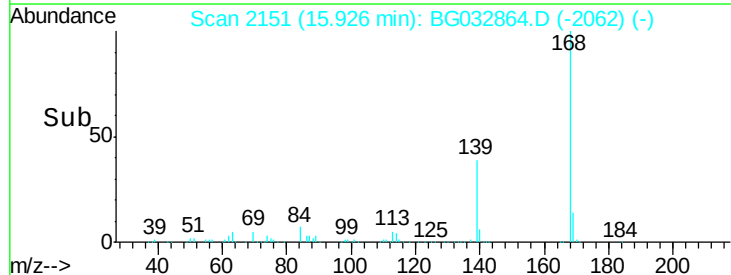
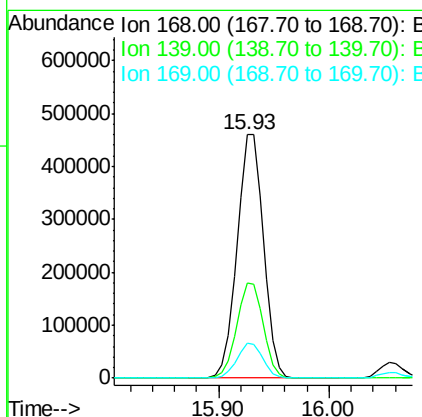
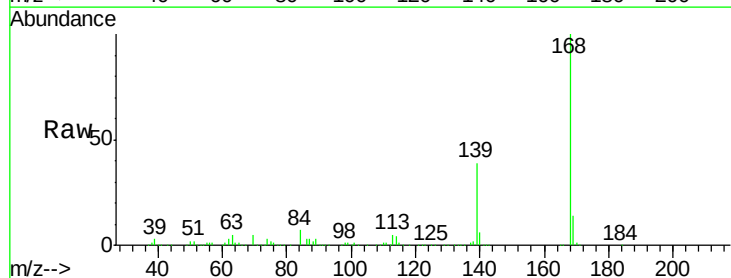
Manual Integrations
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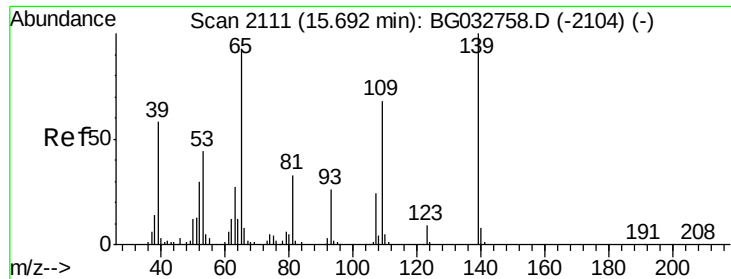
Sohil
2/28/2018 1:01:44 PM



#54
Dibenzofuran
Concen: 41.377 ng
RT: 15.93 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Tgt Ion:168 Resp: 773878
Ion Ratio Lower Upper
168 100
139 39.3 28.6 43.0
169 14.2 11.2 16.8





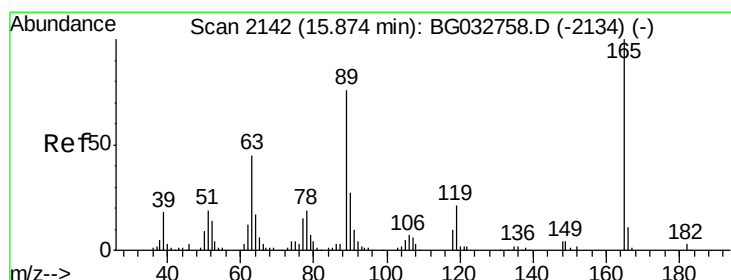
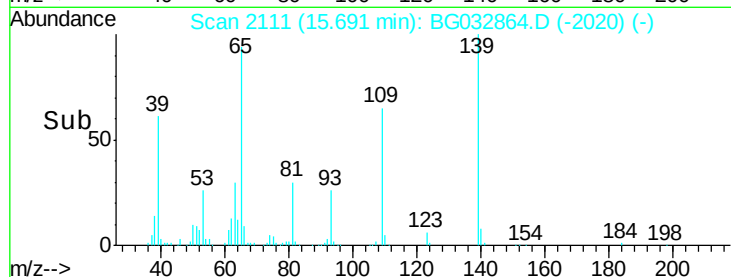
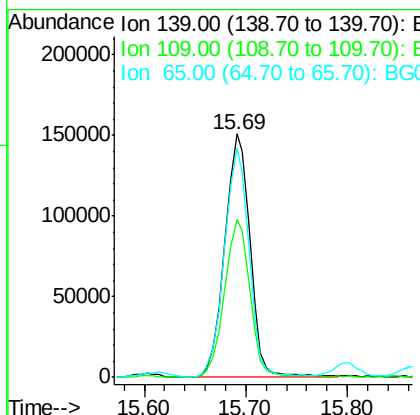
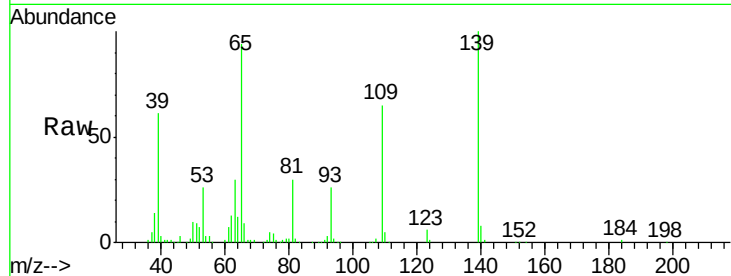
#55
4-Nitrophenol
Concen: 94.318 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Instrument :
BNA_G
ClientSampleId :
PB106879BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	262629		
109	64.8	62.2	102.2	
65	94.1	97.2	137.2	

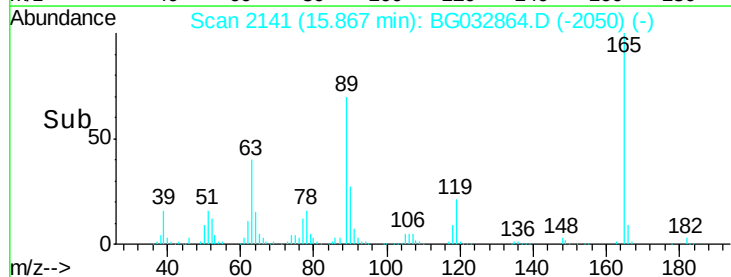
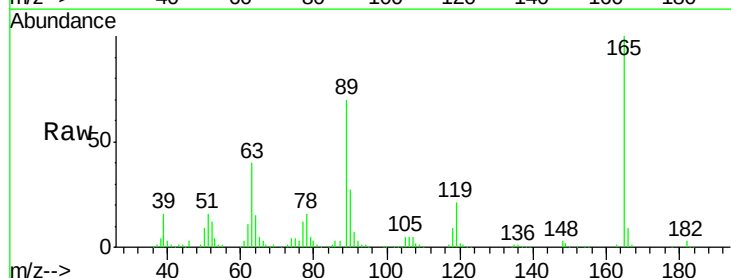
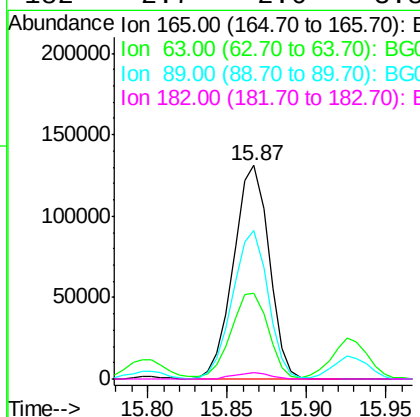
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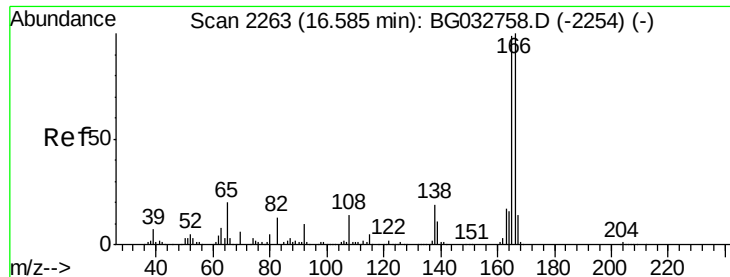
Sohil
2/28/2018 1:01:44 PM



#56
2,4-Dinitrotoluene
Concen: 59.292 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	204912		
63	40.2	42.0	63.0	
89	69.6	66.9	100.3	
182	2.7	2.6	3.8	





#57

Fluorene

Concen: 40.734 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BG032864.D

Acq: 27 Feb 2018 21:04

Instrument :

BNA_G

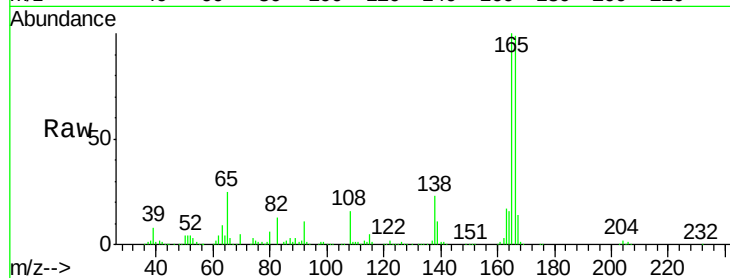
ClientSampled :

PB106879BS

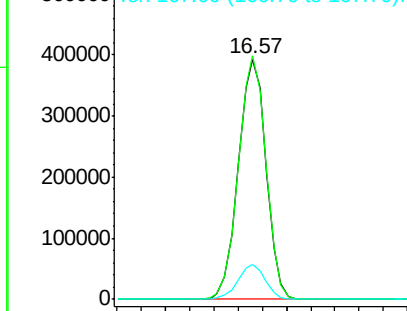
Tot Ion:	166	Resp:	628806
Ion Ratio		Lower	Upper
166	100		
165	101.3	80.6	121.0
167	14.5	10.4	15.6

Manual Integrations
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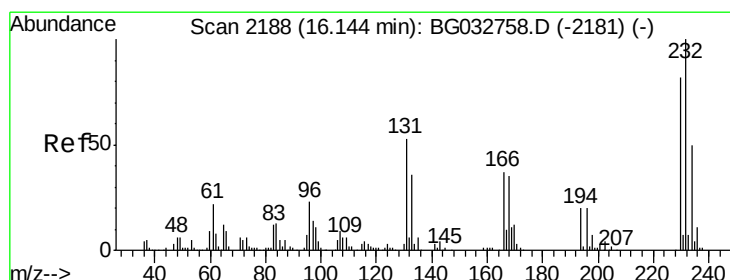
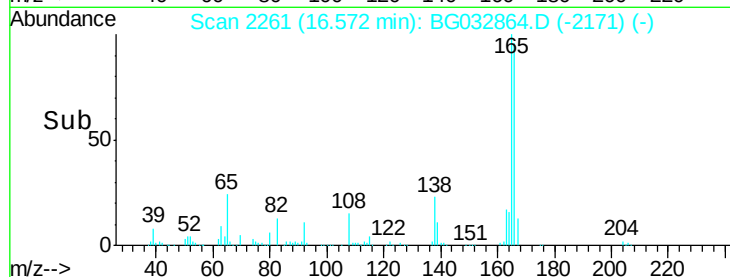
Sohil
2/28/2018 1:01:44 PM



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.590 ng m

RT: 16.14 min Scan# 2187

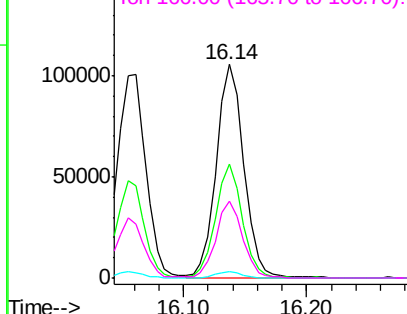
Delta R.T. -0.00 min

Lab File: BG032864.D

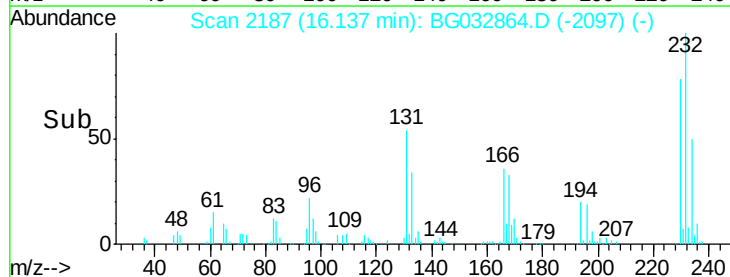
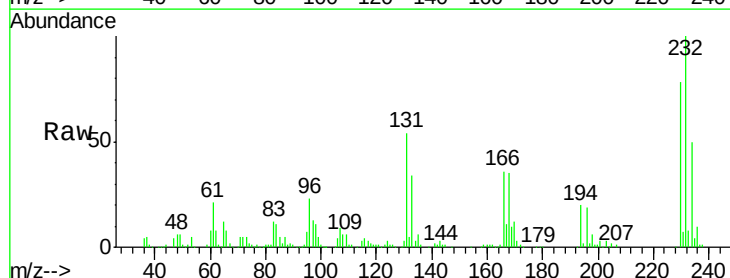
Acq: 27 Feb 2018 21:04

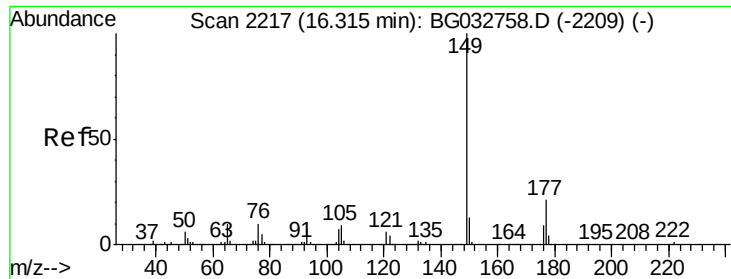
Tgt Ion:	232	Resp:	164631
Ion Ratio		Lower	Upper
232	100		
131	45.4	33.5	50.3
130	2.8	2.2	3.2
166	27.6	24.8	37.2

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



Time-->





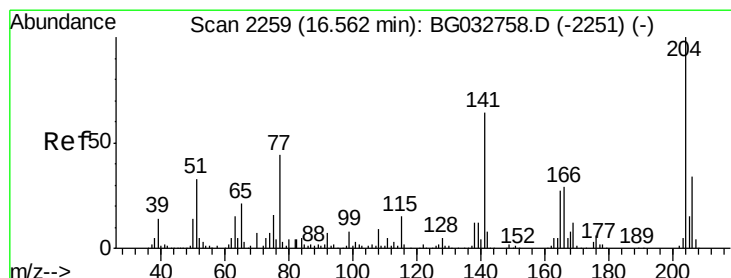
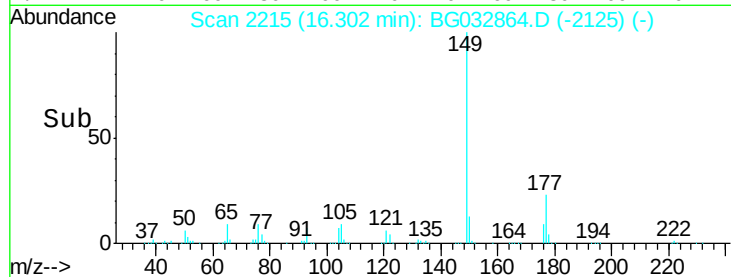
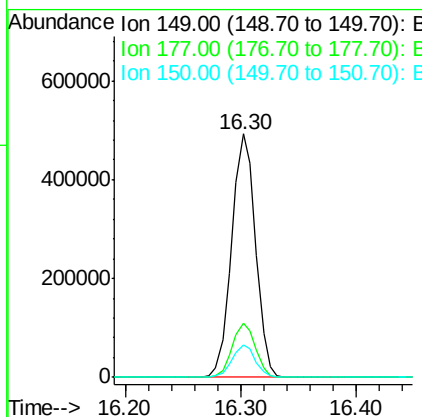
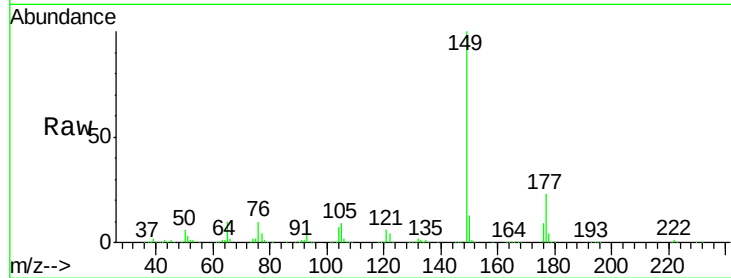
#59
Diethylphthalate
Concen: 39.843 ng
RT: 16.30 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Instrument :
BNA_G
ClientSampleId :
PB106879BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.5	27.7
150	13.1	10.2	15.2

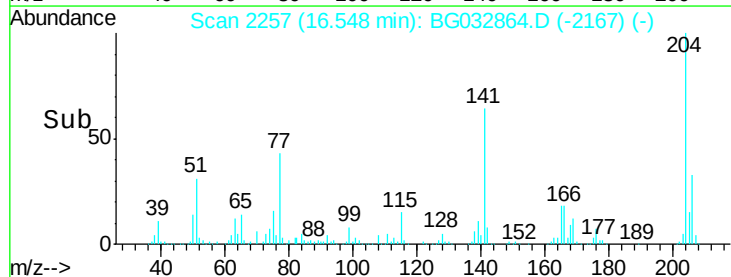
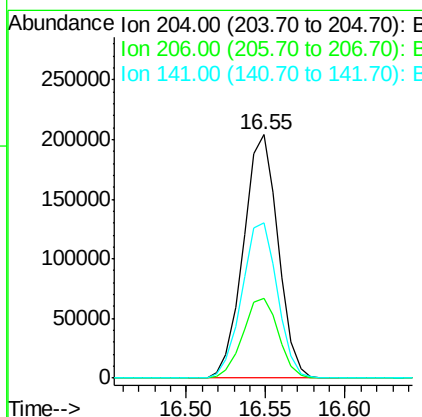
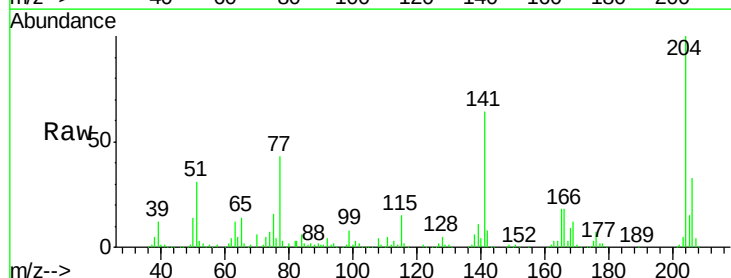
Manual Integrations
APPROVED

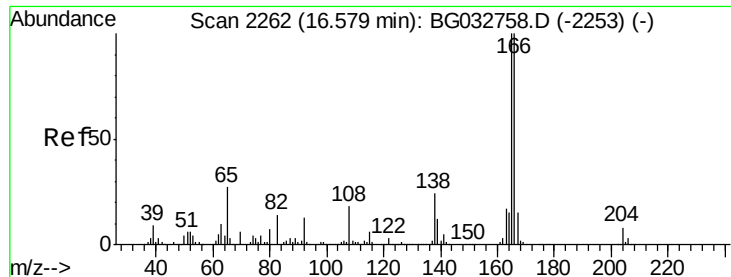
Sohil
2/28/2018 1:01:44 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.913 ng
RT: 16.55 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	64.0	45.8	68.6





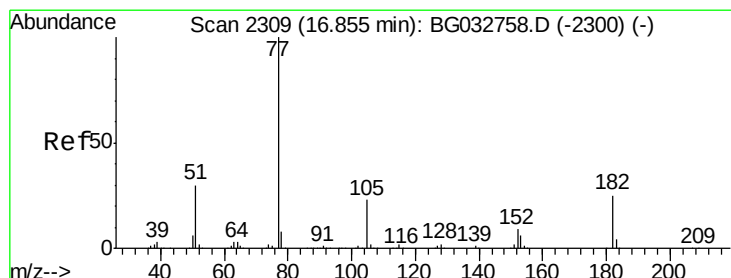
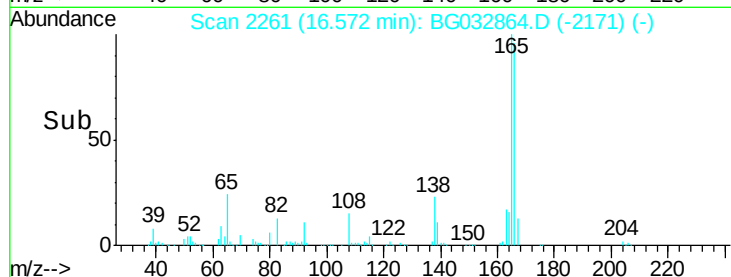
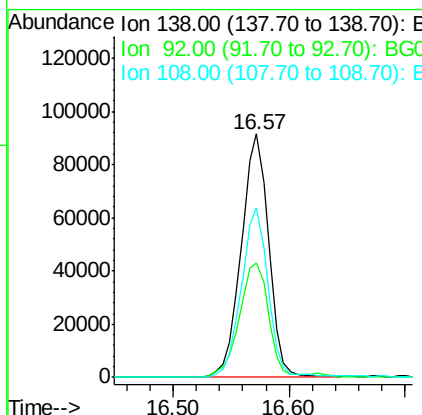
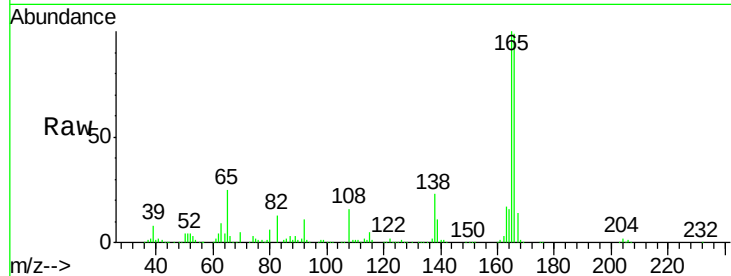
#61
4-Nitroaniline
Concen: 42.389 ng
RT: 16.57 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Instrument :
BNA_G
ClientSampleId :
PB106879BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.2	40.1	80.1
108	69.3	65.4	105.4

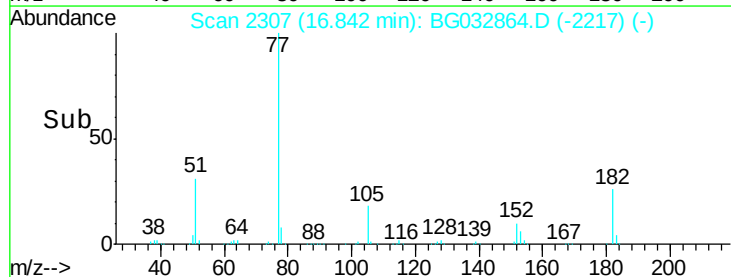
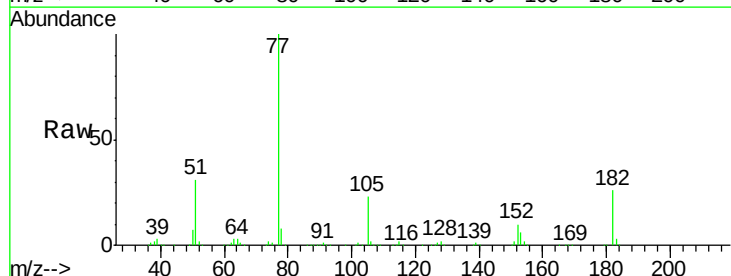
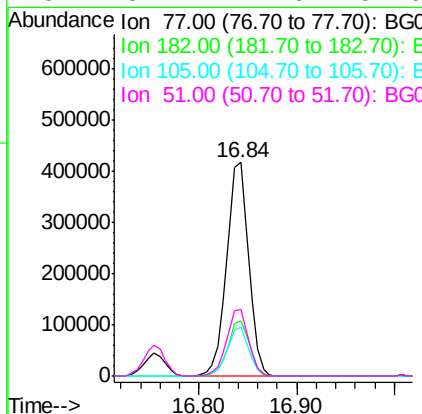
Manual Integrations
APPROVED

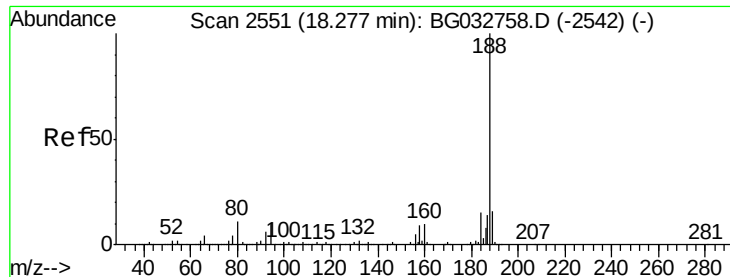
Sohil
2/28/2018 1:01:44 PM



#62
Azobenzene
Concen: 41.243 ng
RT: 16.84 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	7.4	47.4
105	22.9	0.3	40.3
51	31.4	11.6	51.6





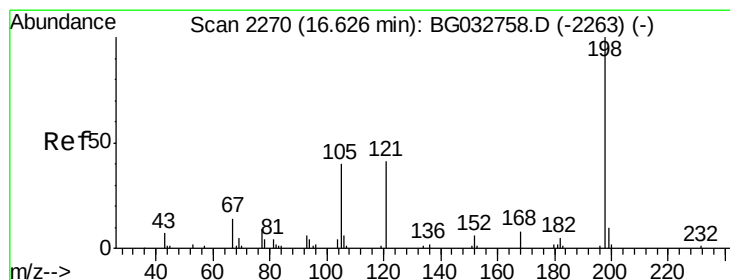
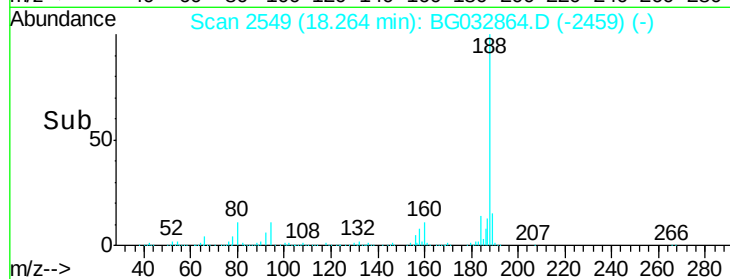
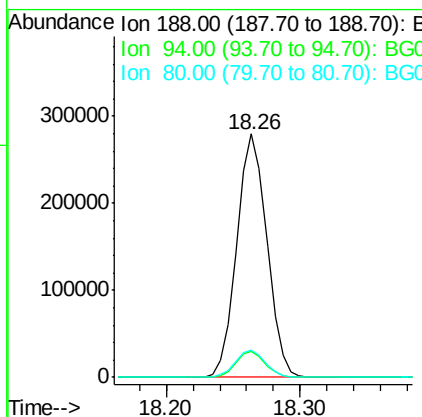
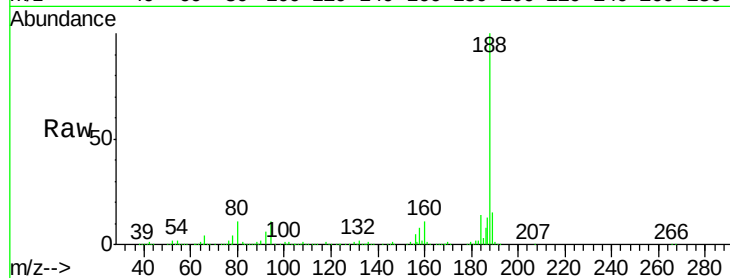
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Instrument :
BNA_G
ClientSampleId :
PB106879BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	436539		
94	10.7	6.9	10.3#	
80	11.3	7.7	11.5	

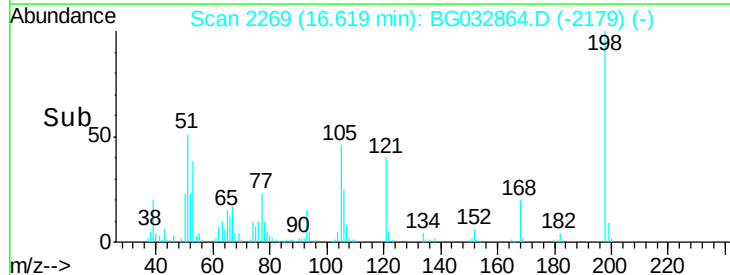
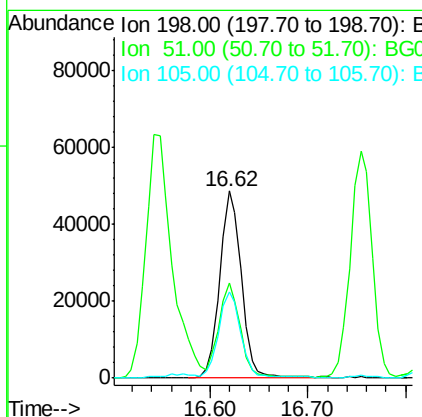
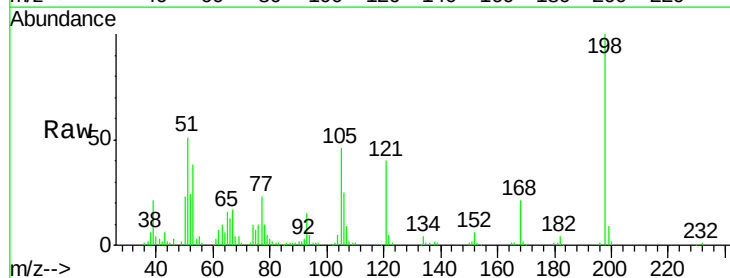
Manual Integrations
APPROVED

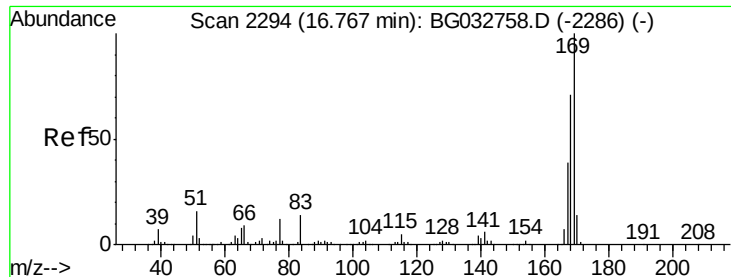
Sohil
2/28/2018 1:01:44 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 55.552 ng
RT: 16.62 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	75145		
51	50.5	30.6	70.6	
105	45.9	23.8	63.8	





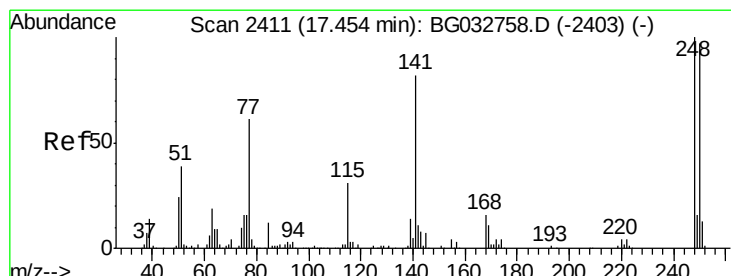
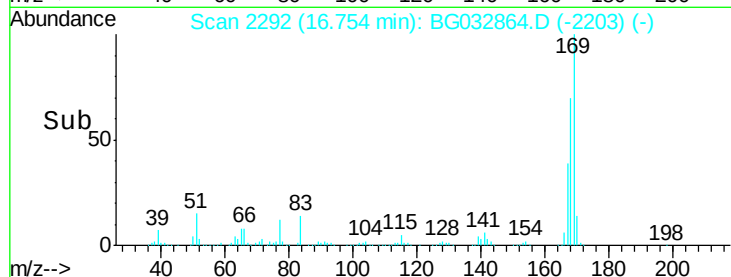
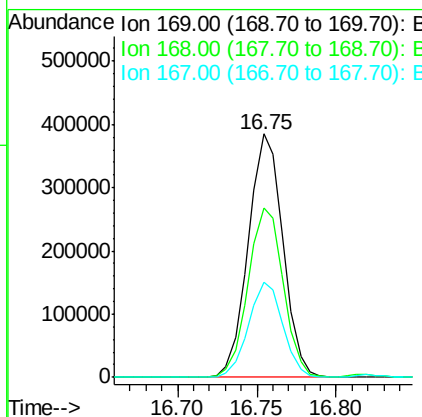
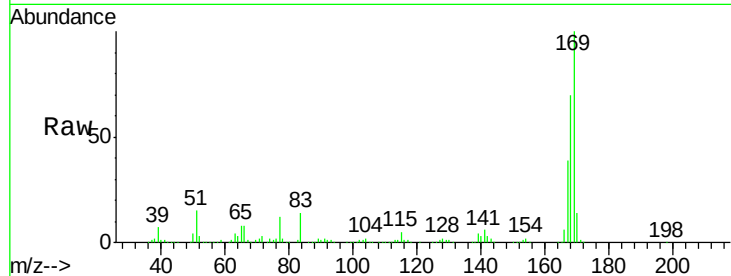
#65
 n-Nitrosodiphenylamine
 Concen: 41.242 ng
 RT: 16.75 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BG032864.D
 Acq: 27 Feb 2018 21:04

Instrument :
 BNA_G
 ClientSampleId :
 PB106879BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	585685		
168	69.5		55.7	83.5
167	39.1		30.1	45.1

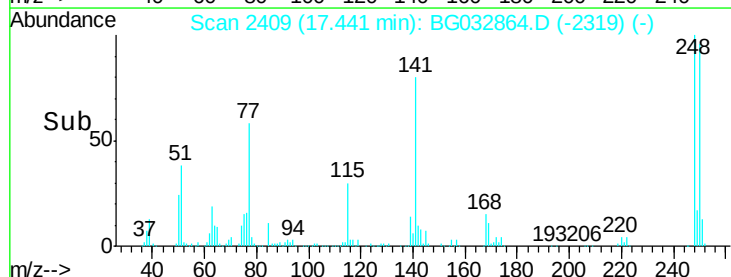
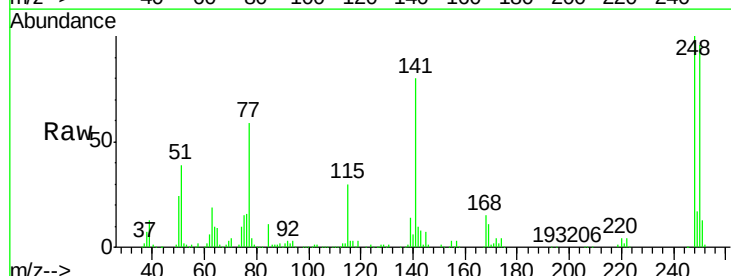
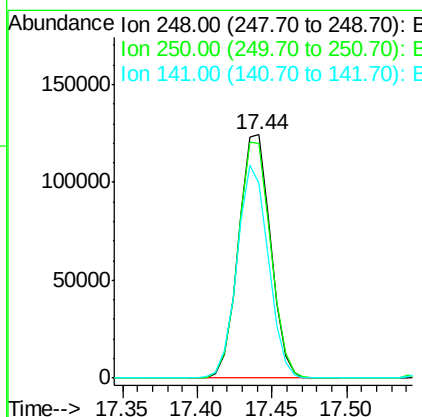
Manual Integrations
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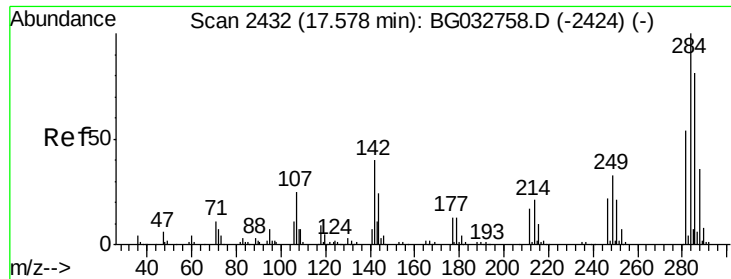
Sohil
 2/28/2018 1:01:44 PM



#66
 4-Bromophenyl-phenylether
 Concen: 40.118 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. -0.00 min
 Lab File: BG032864.D
 Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	185181		
250	96.3		77.1	115.7
141	80.1		50.8	76.2





#67

Hexachlorobenzene

Concen: 38.923 ng

RT: 17.56 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG032864.D

Acq: 27 Feb 2018 21:04

Instrument :

BNA_G

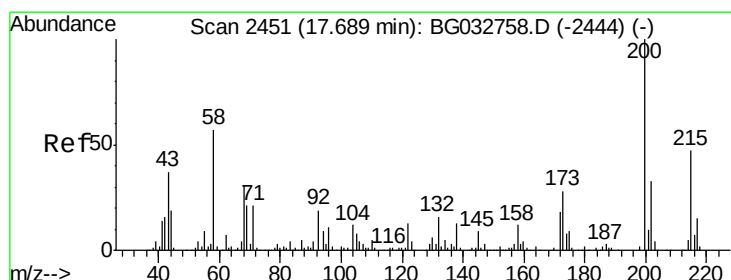
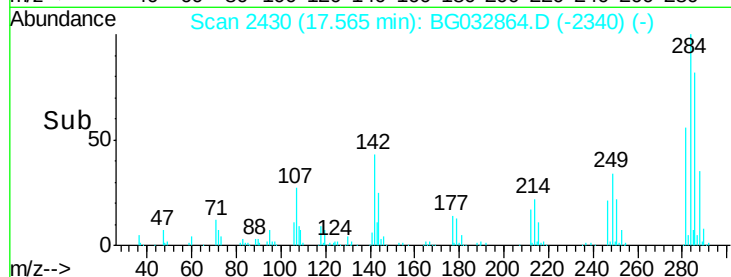
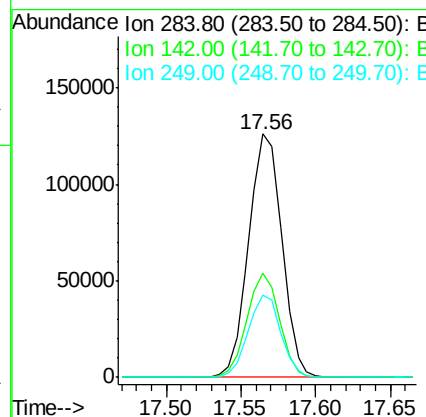
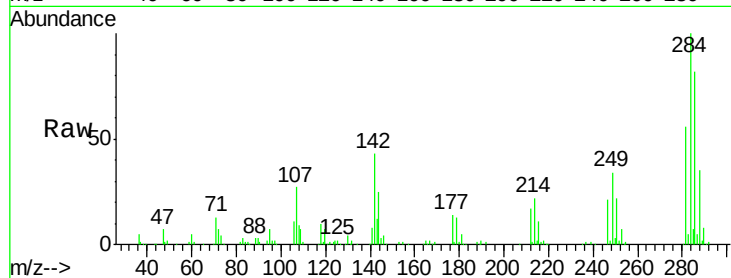
ClientSampleId :

PB106879BS

Tot Ion:	284	Resp:	194159
Ion Ratio		Lower	Upper
284	100		
142	42.8	26.8	40.2#
249	33.9	26.3	39.5

Manual Integrations
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2/28/2018 1:01:44 PM



#68

Atrazine

Concen: 43.008 ng

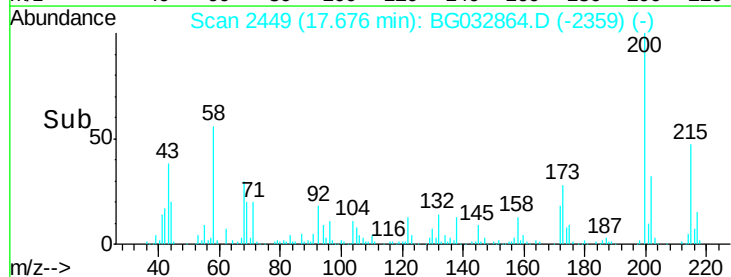
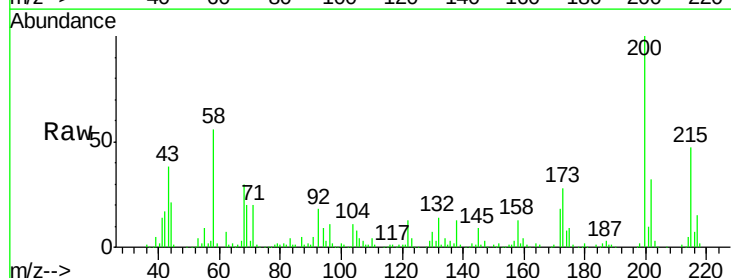
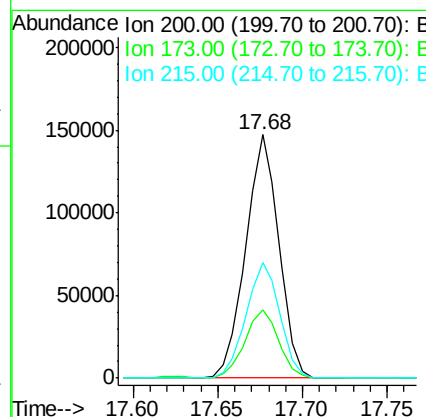
RT: 17.68 min Scan# 2449

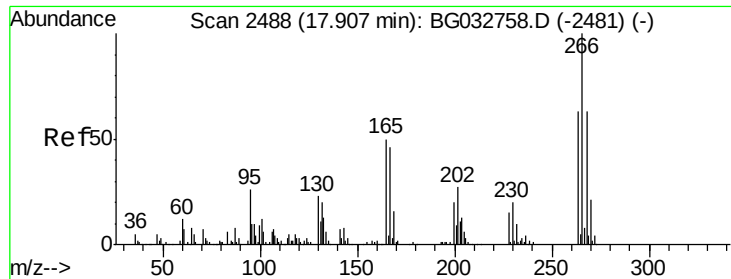
Delta R.T. -0.00 min

Lab File: BG032864.D

Acq: 27 Feb 2018 21:04

Tgt Ion:	200	Resp:	201042
Ion Ratio		Lower	Upper
200	100		
173	28.3	5.2	45.2
215	47.4	30.4	70.4





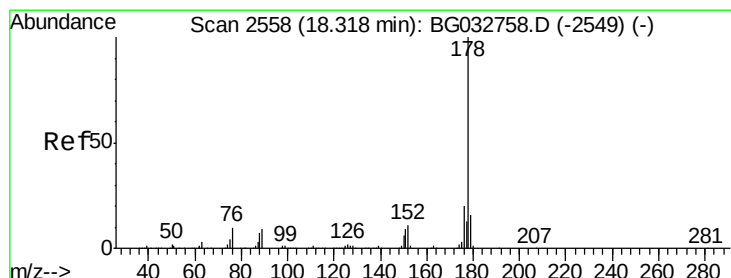
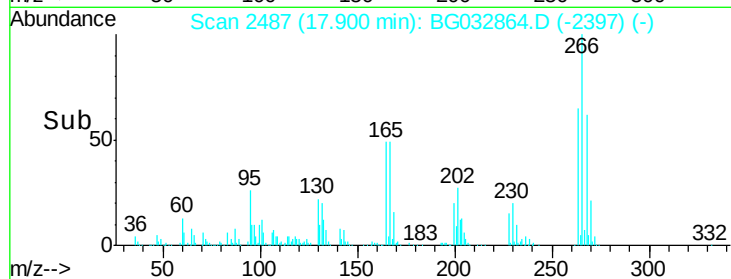
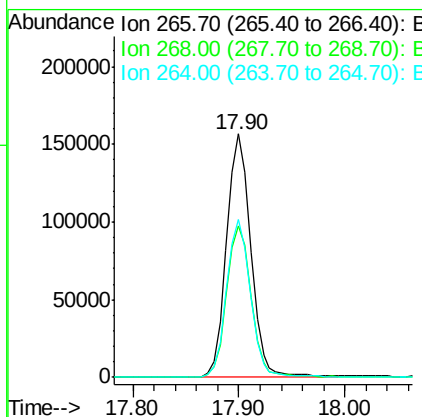
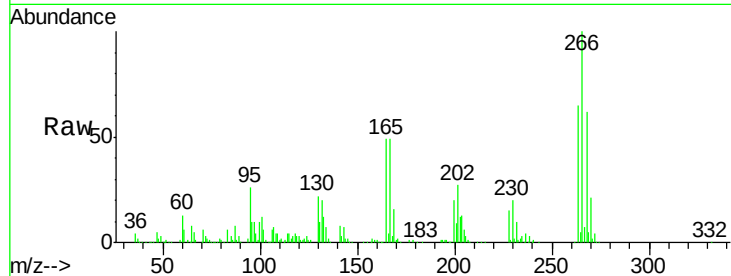
#69
 Pentachlorophenol
 Concen: 79.677 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. -0.00 min
 Lab File: BG032864.D
 Acq: 27 Feb 2018 21:04

Instrument :
 BNA_G
 ClientSampleId :
 PB106879BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	250347		
268	62.2		51.1	76.7
264	64.6		49.6	74.4

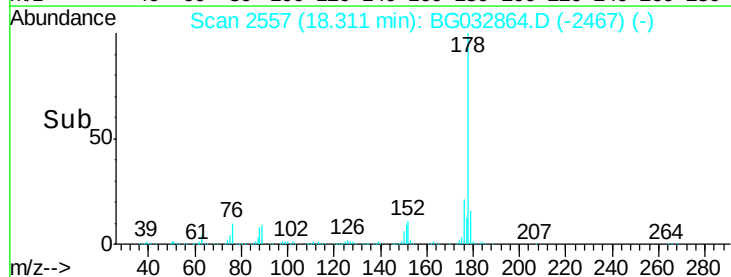
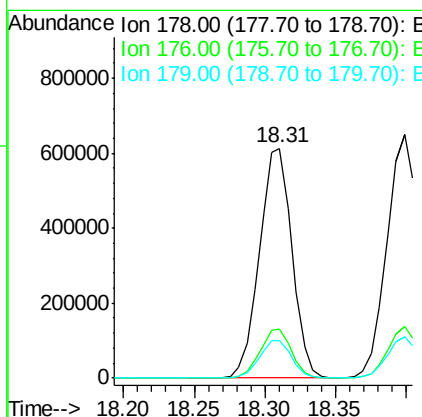
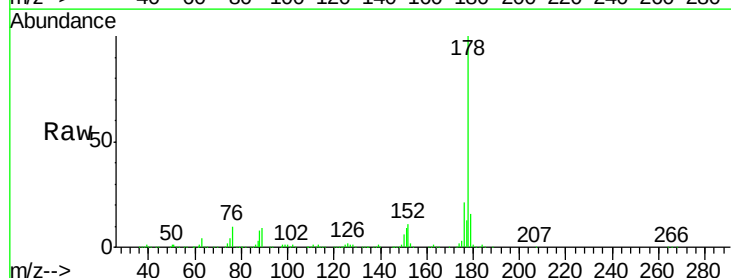
Manual Integrations
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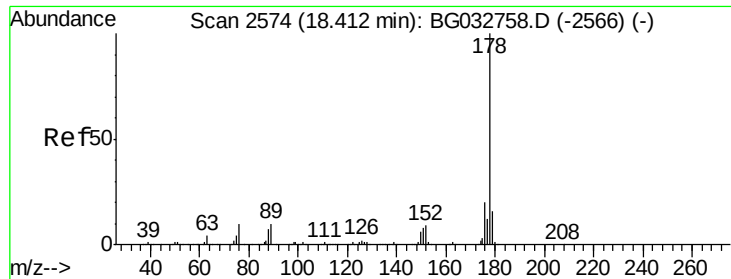
Sohil
 2/28/2018 1:01:44 PM



#70
 Phenanthrene
 Concen: 40.789 ng
 RT: 18.31 min Scan# 2557
 Delta R.T. -0.00 min
 Lab File: BG032864.D
 Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	993395		
176	21.3		15.7	23.5
179	16.2		12.5	18.7





#71

Anthracene

Concen: 41.480 ng

RT: 18.40 min Scan# 2572

Delta R.T. -0.00 min

Lab File: BG032864.D

Acq: 27 Feb 2018 21:04

Instrument :

BNA_G

ClientSampleId :

PB106879BS

Tot Ion:178 Resp: 1014221

Ion Ratio Lower Upper

178 100

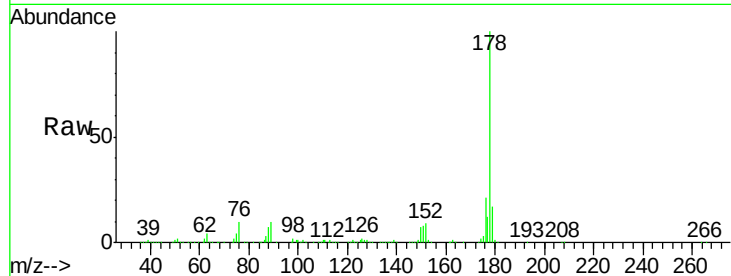
176 21.2 16.0 24.0

179 16.8 12.5 18.7

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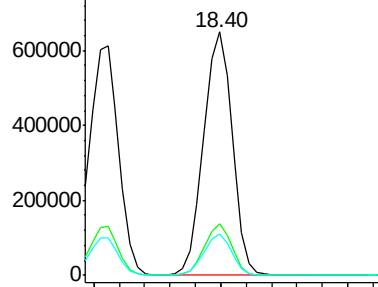
2/28/2018 1:01:44 PM



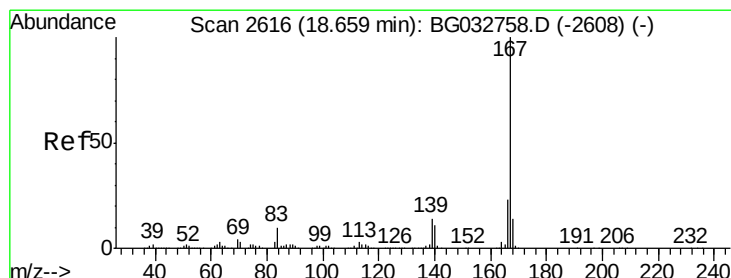
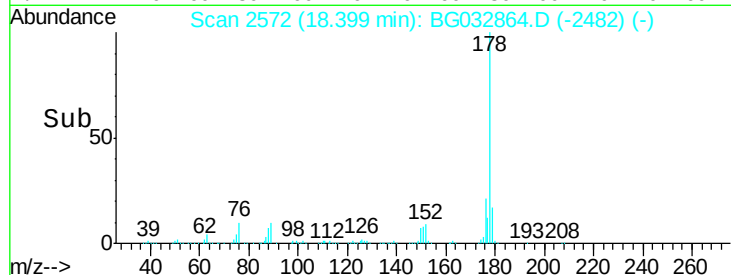
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 18.30 18.40 18.50



#72

Carbazole

Concen: 39.550 ng

RT: 18.65 min Scan# 2615

Delta R.T. -0.00 min

Lab File: BG032864.D

Acq: 27 Feb 2018 21:04

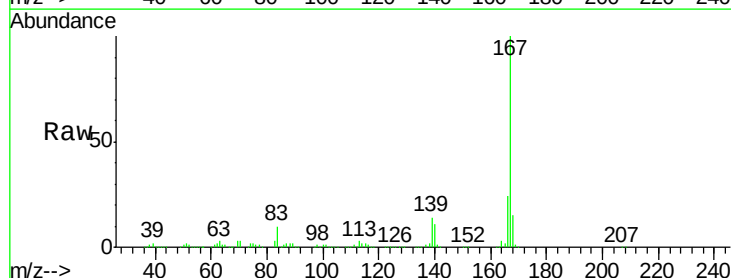
Tgt Ion:167 Resp: 953161

Ion Ratio Lower Upper

167 100

166 24.3 18.2 27.4

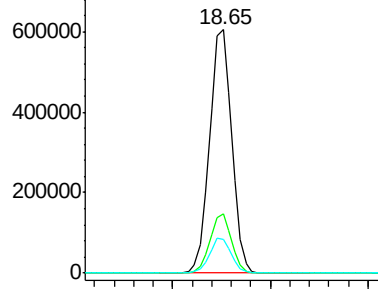
139 13.9 9.4 14.2



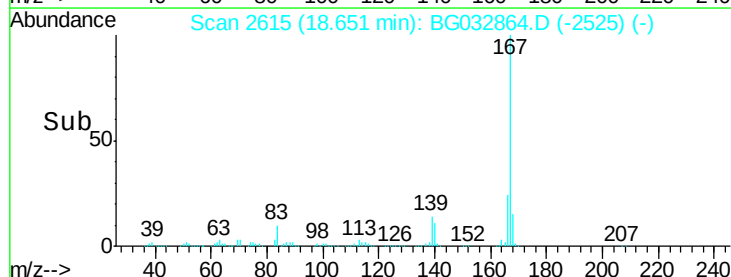
Abundance Ion 167.00 (166.70 to 167.70): E

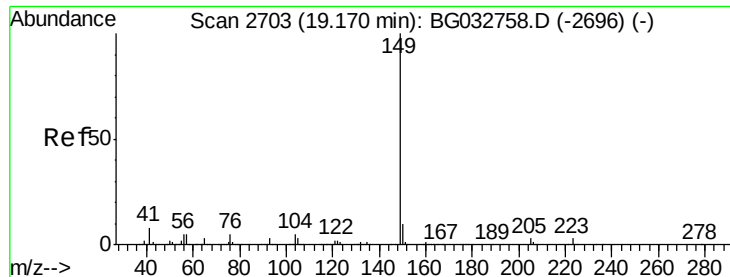
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 18.60 18.70





#73

Di-n-butylphthalate

Concen: 40.355 ng

RT: 19.15 min Scan# 2700

Delta R.T. -0.01 min

Lab File: BG032864.D

Acq: 27 Feb 2018 21:04

Instrument :

BNA_G

ClientSampleId :

PB106879BS

Tot Ion:149 Resp: 1193146

Ion Ratio Lower Upper

149 100

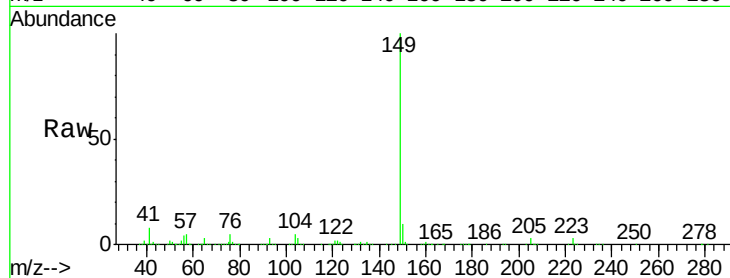
150 10.3 7.8 11.6

104 5.3 3.9 5.9

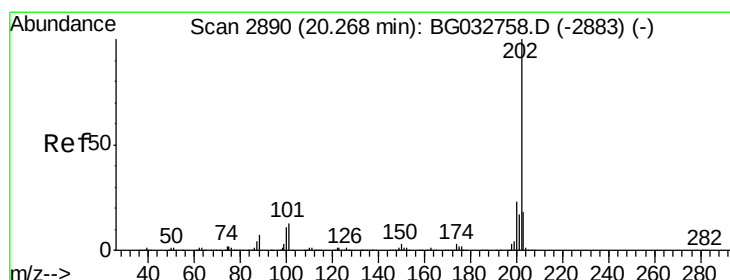
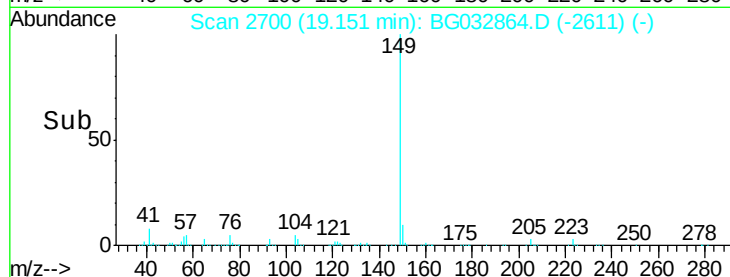
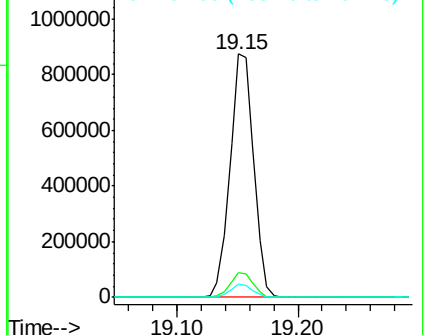
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.160 ng

RT: 20.26 min Scan# 2888

Delta R.T. -0.01 min

Lab File: BG032864.D

Acq: 27 Feb 2018 21:04

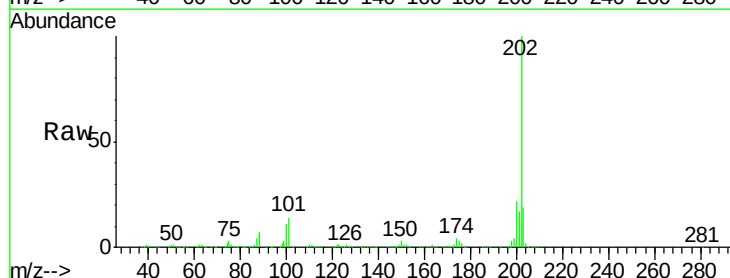
Tgt Ion:202 Resp: 1107309

Ion Ratio Lower Upper

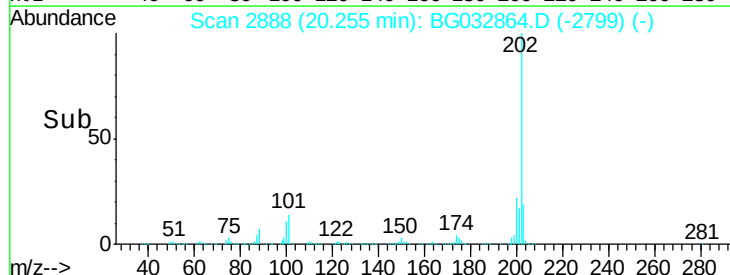
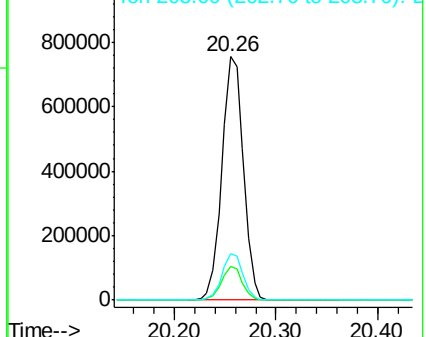
202 100

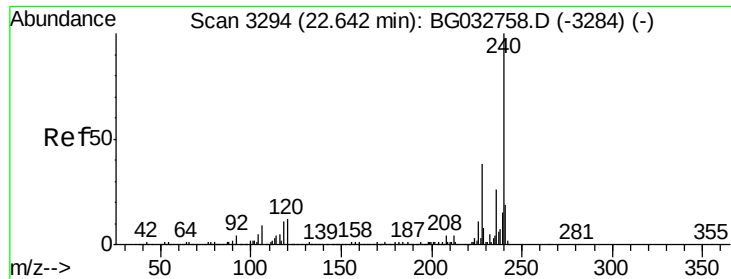
101 14.0 0.0 28.9

203 19.2 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.62 min Scan# 3291

Delta R.T. -0.01 min

Lab File: BG032864.D

Acq: 27 Feb 2018 21:04

Instrument :

BNA_G

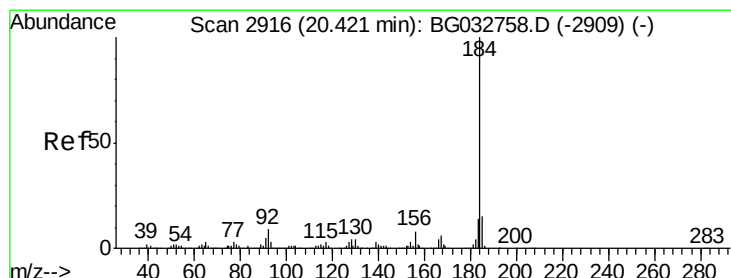
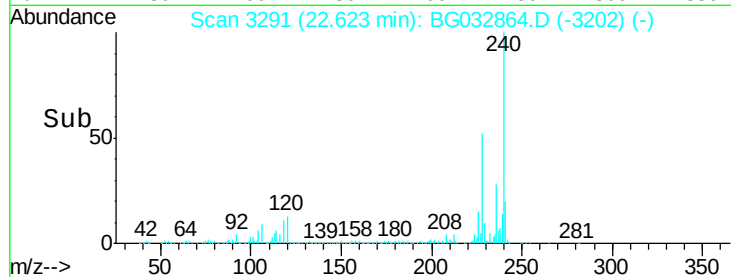
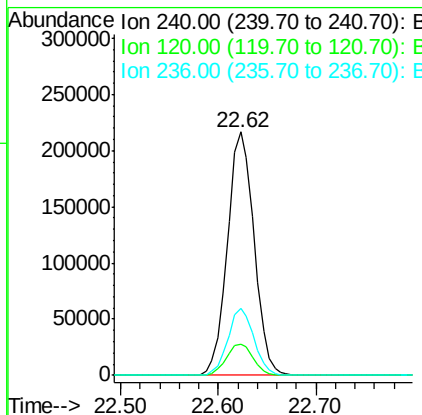
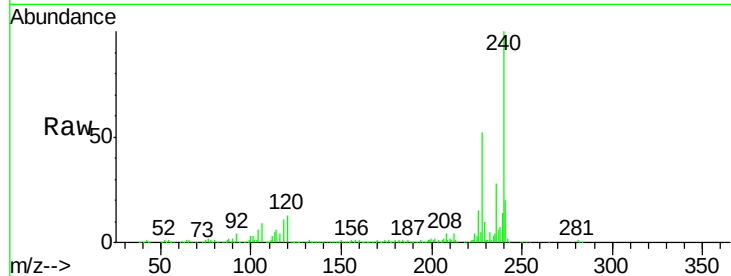
ClientSampleId :

PB106879BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	409187		
120	12.8	6.8	10.2	
236	27.7	20.9	31.3	

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#76

Benzidine

Concen: 18.680 ng

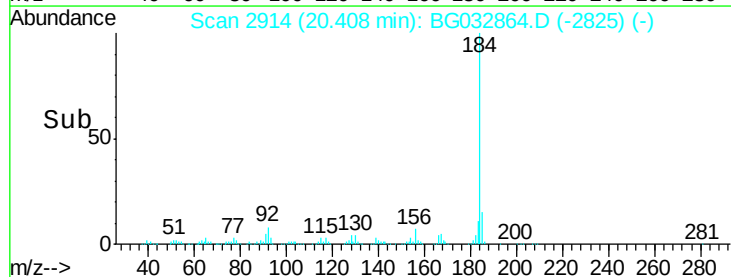
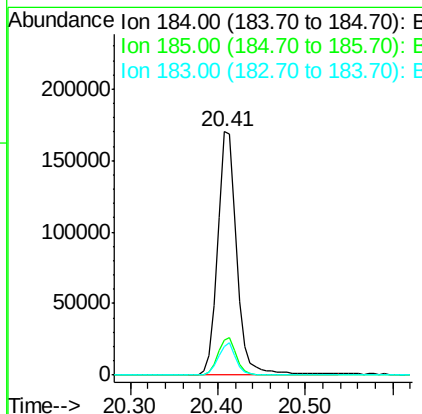
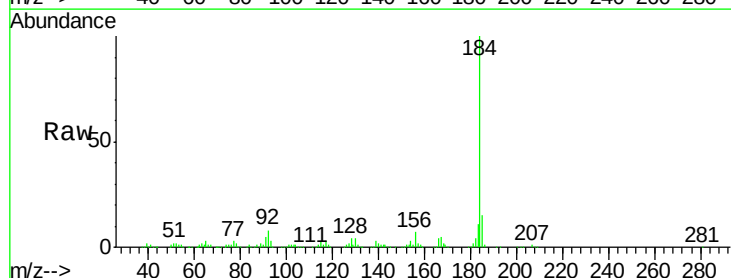
RT: 20.41 min Scan# 2914

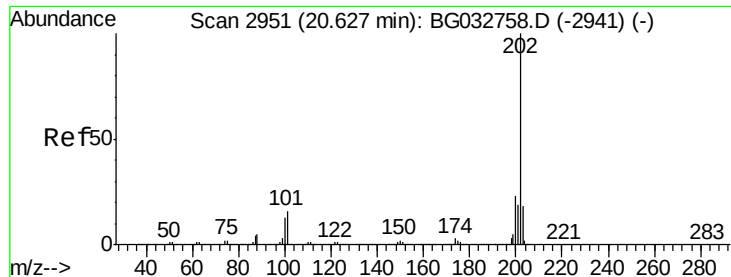
Delta R.T. -0.01 min

Lab File: BG032864.D

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Tgt Ion	Ratio	Resp	Lower	Upper
184	100	260547		
185	14.6	11.1	16.7	
183	11.5	10.6	16.0	





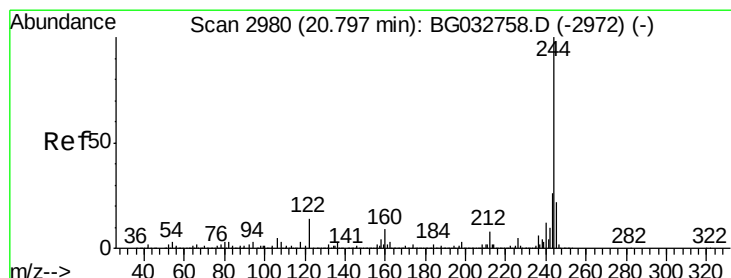
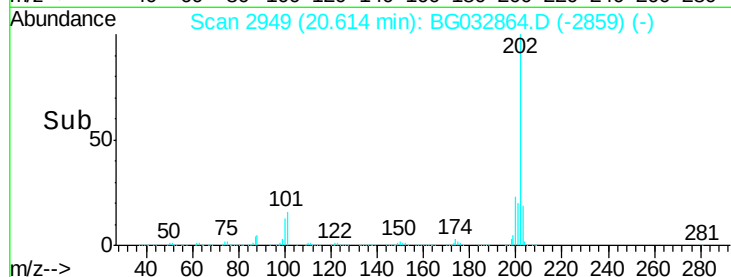
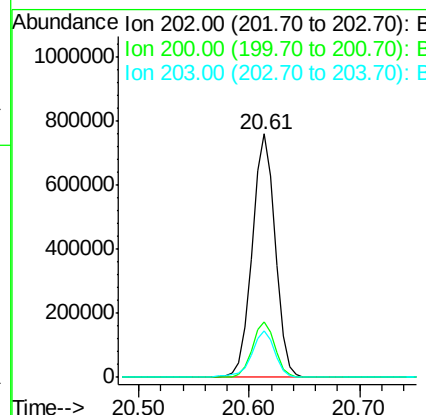
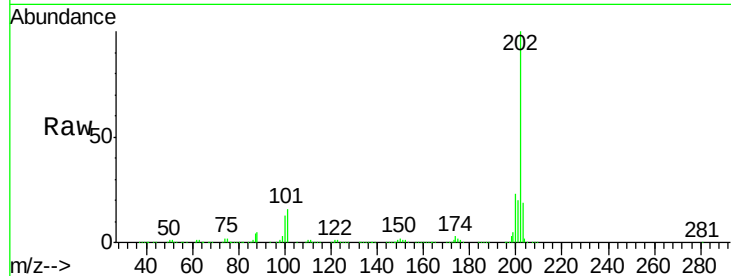
#77
Pvrene
Concen: 38.573 ng
RT: 20.61 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Instrument :
BNA_G
ClientSampleId :
PB106879BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	16.9	25.3
203	19.3	13.9	20.9

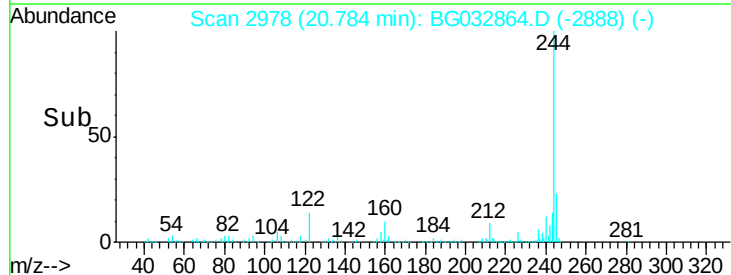
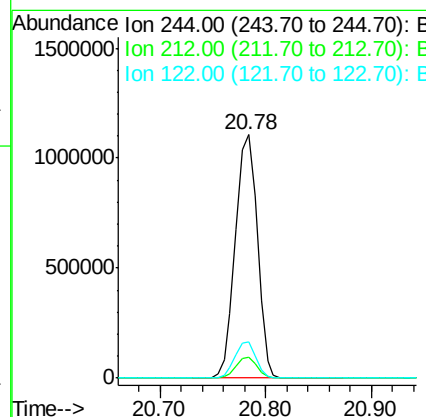
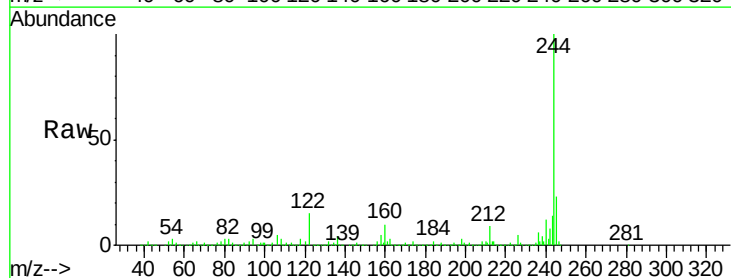
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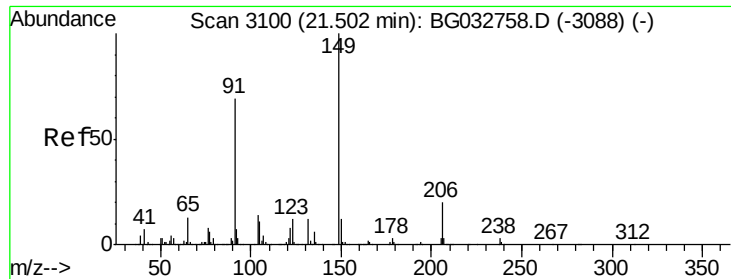
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#78
Terphenyl-d14
Concen: 87.287 ng
RT: 20.78 min Scan# 2978
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	14.7	7.0	10.4#





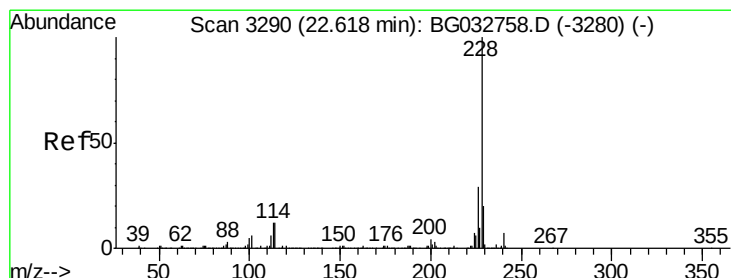
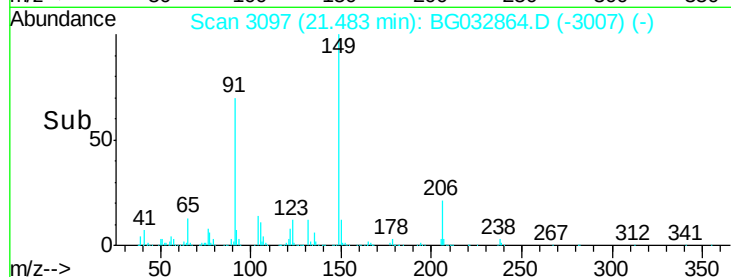
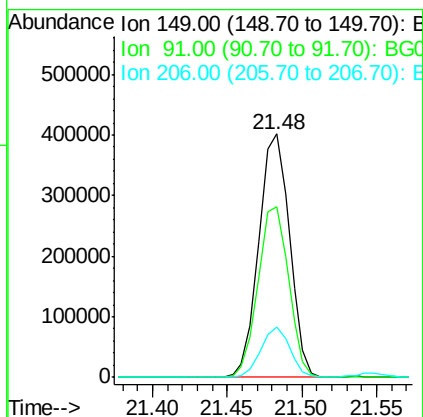
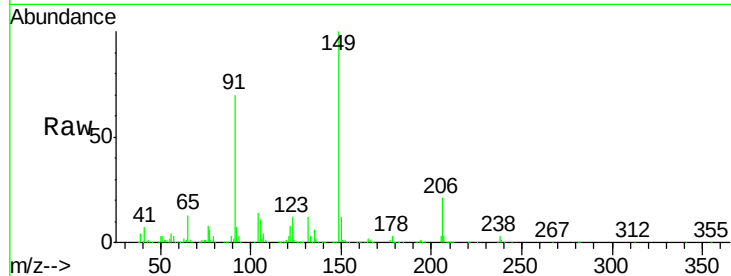
#79
Butylbenzylphthalate
Concen: 44.601 ng
RT: 21.48 min Scan# 3097
Delta R.T. -0.00 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Instrument :
BNA_G
ClientSampleId :
PB106879BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.3	62.2	93.2
206	20.6	18.6	27.8

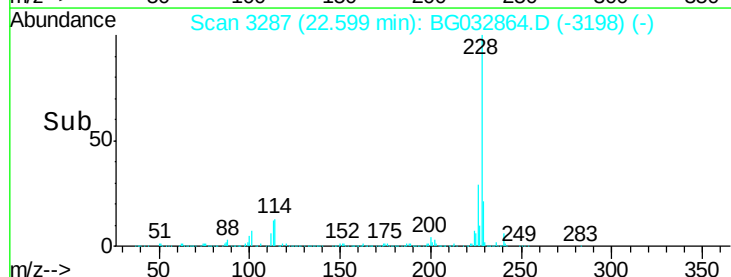
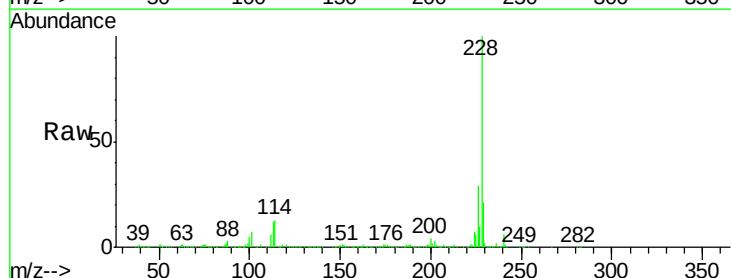
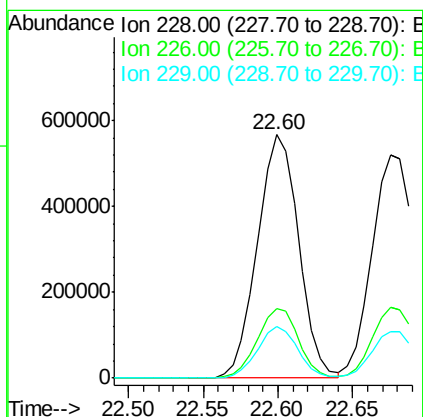
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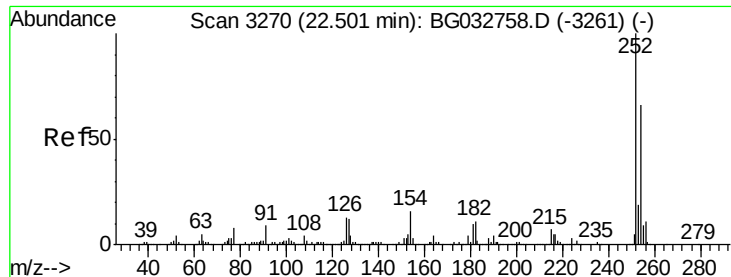
Sohil
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#80
Benzo(a)anthracene
Concen: 41.526 ng
RT: 22.60 min Scan# 3287
Delta R.T. -0.01 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	21.0	16.2	24.2





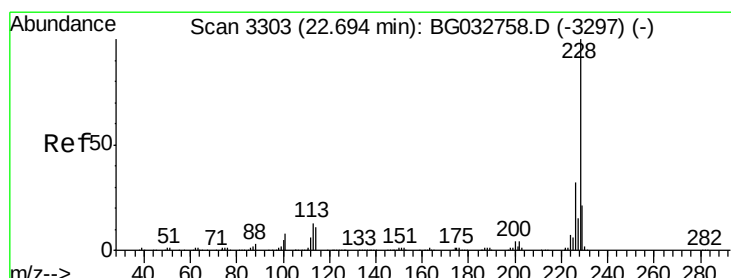
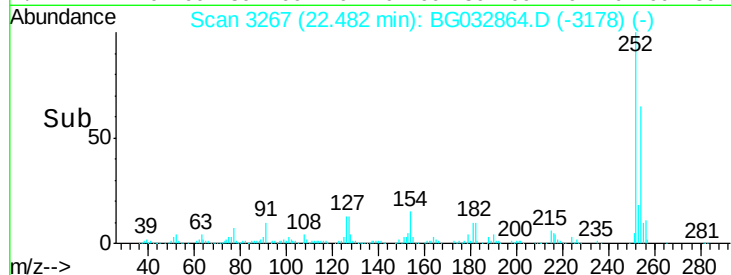
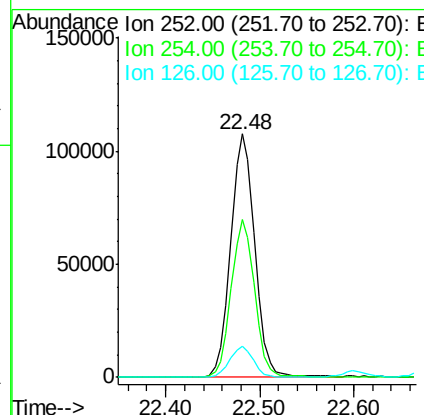
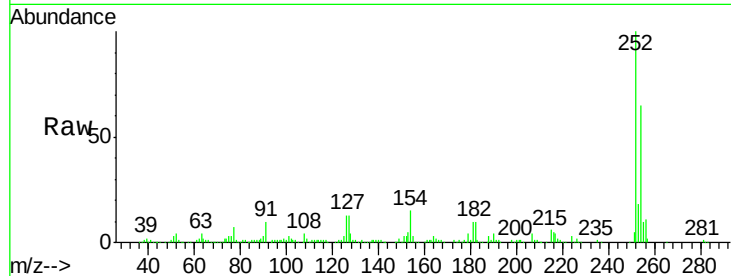
#81
 3,3'-Dichlorobenzidine
 Concen: 19.694 ng
 RT: 22.48 min Scan# 3267
 Delta R.T. -0.01 min
 Lab File: BG032864.D
 Acq: 27 Feb 2018 21:04

Instrument :
 BNA_G
 ClientSampleId :
 PB106879BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.8	76.2
126	12.6	7.4	11.2

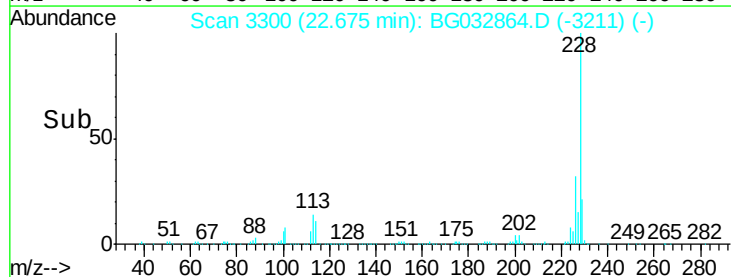
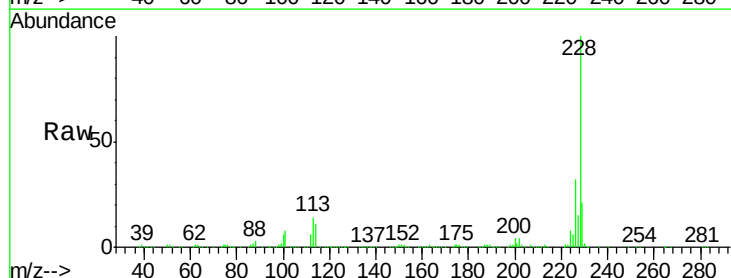
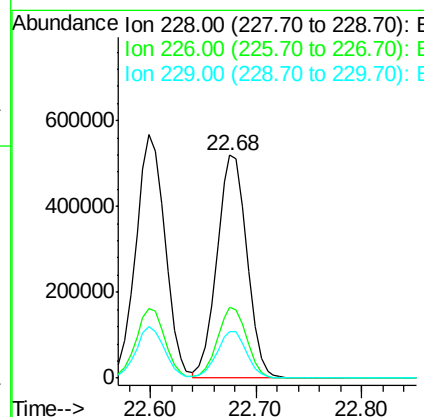
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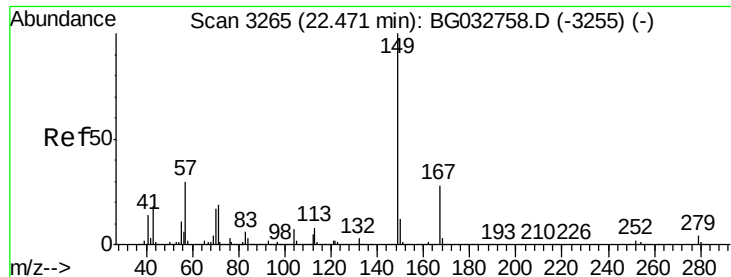
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#82
 Chrysene
 Concen: 40.828 ng
 RT: 22.68 min Scan# 3300
 Delta R.T. -0.01 min
 Lab File: BG032864.D
 Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	21.0	15.0	22.4





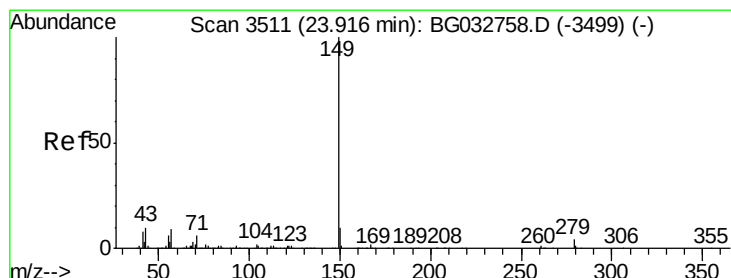
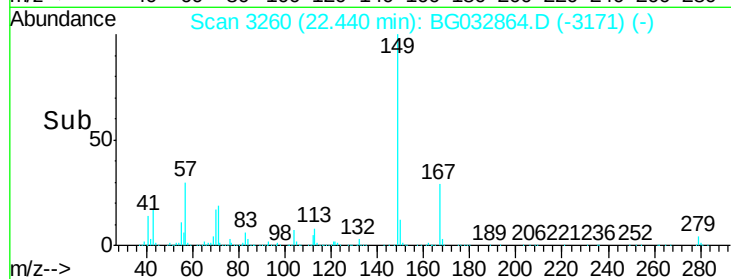
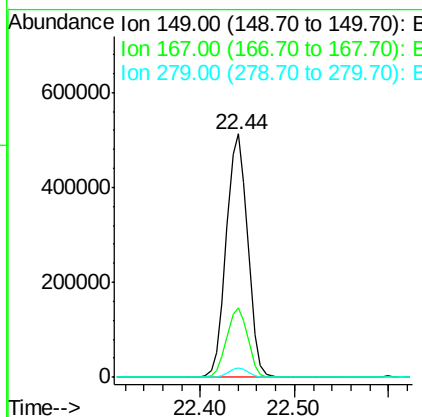
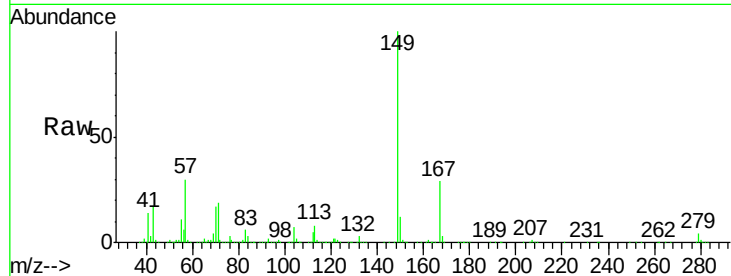
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.913 ng
 RT: 22.44 min Scan# 3260
 Delta R.T. -0.01 min
 Lab File: BG032864.D
 Acq: 27 Feb 2018 21:04

Instrument :
 BNA_G
 ClientSampleId :
 PB106879BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.8	24.3	36.5
279	4.0	4.0	6.0

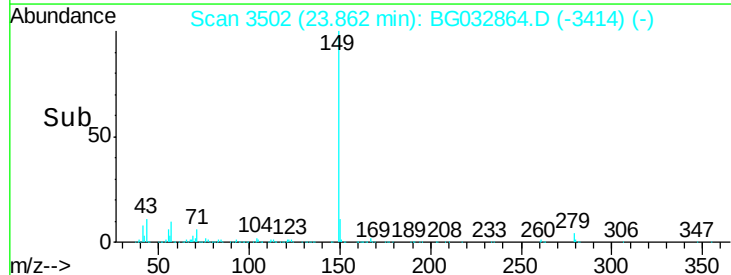
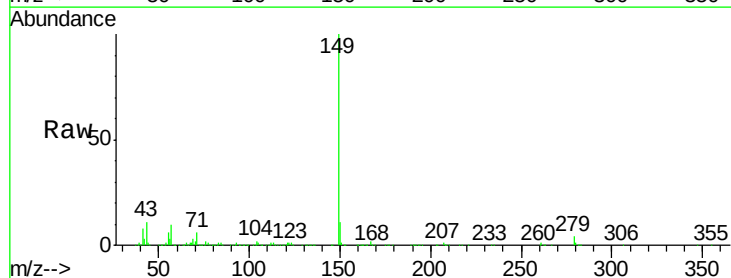
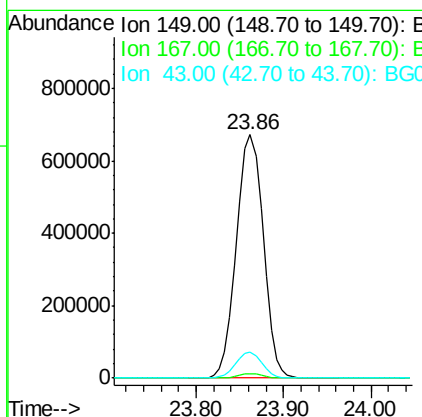
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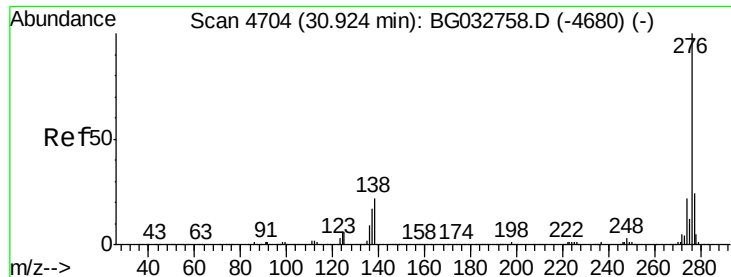
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#84
 Di-n-octyl phthalate
 Concen: 48.524 ng
 RT: 23.86 min Scan# 3502
 Delta R.T. -0.01 min
 Lab File: BG032864.D
 Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	10.3	8.9	13.3





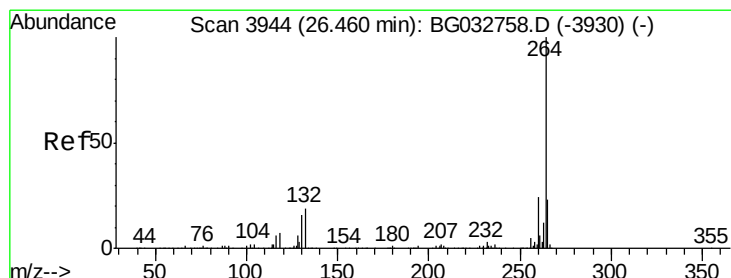
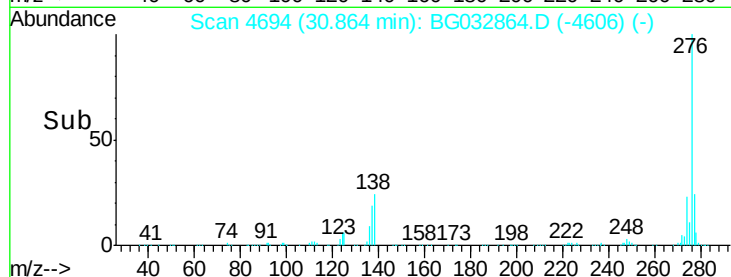
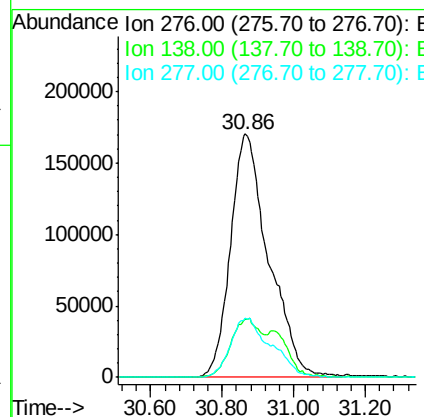
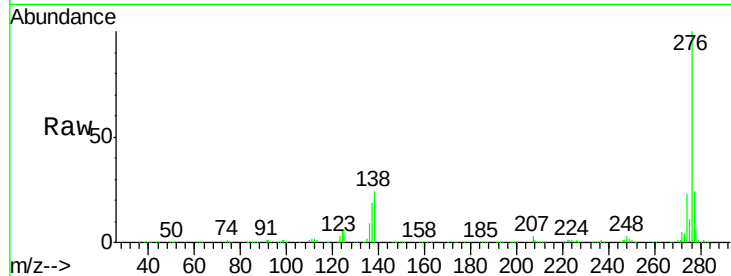
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.279 ng
RT: 30.86 min Scan# 4694
Delta R.T. -0.01 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Instrument :
BNA_G
ClientSampleId :
PB106879BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.0	24.0
277	26.0	20.0	30.0

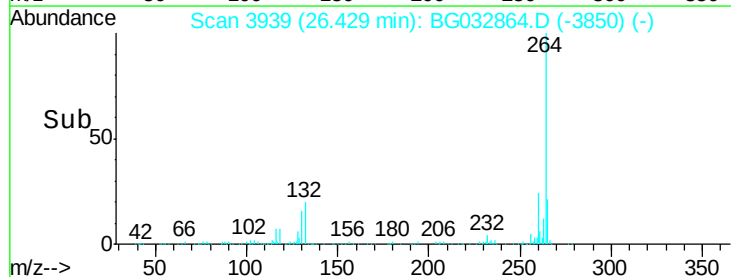
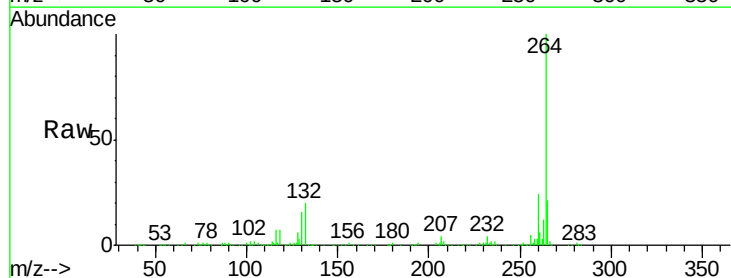
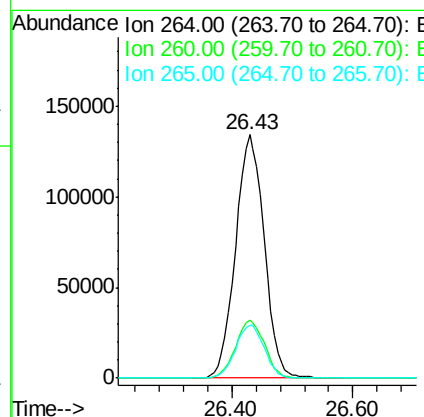
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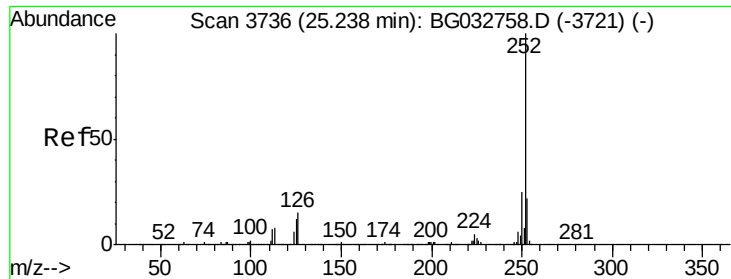
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#86
Perylene-d12
Concen: 20.000 ng
RT: 26.43 min Scan# 3939
Delta R.T. -0.01 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.5	17.7	26.5





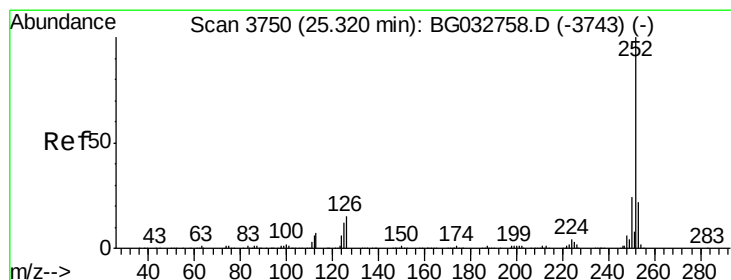
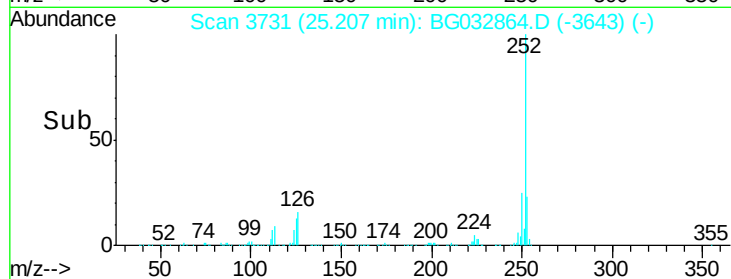
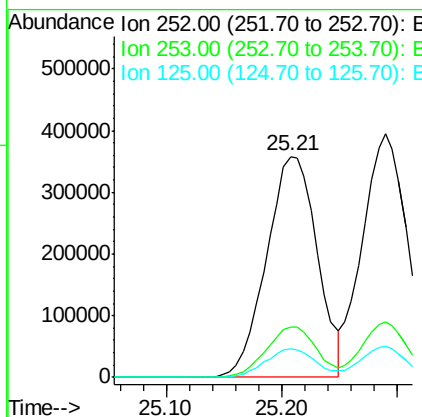
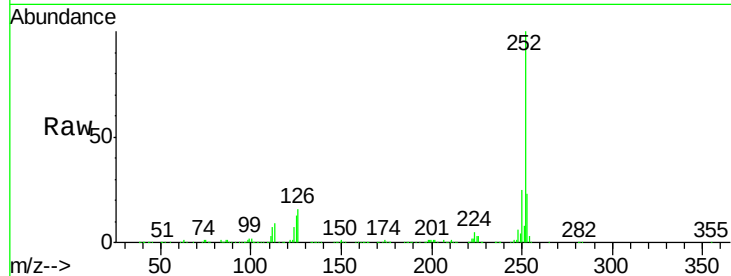
#87
Benzo(b)fluoranthene
Concen: 41.847 ng
RT: 25.21 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Instrument :
BNA_G
ClientSampleId :
PB106879BS

Tot Ion:252 Resp: 1093300
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 13.1 7.2 10.8#

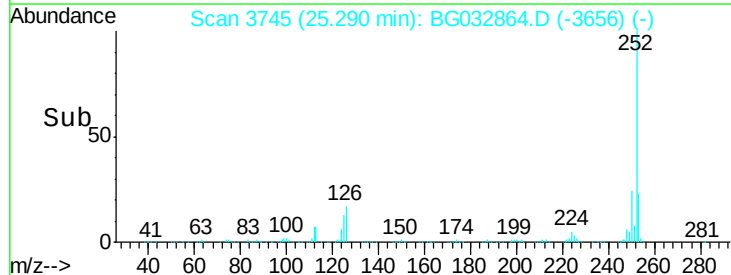
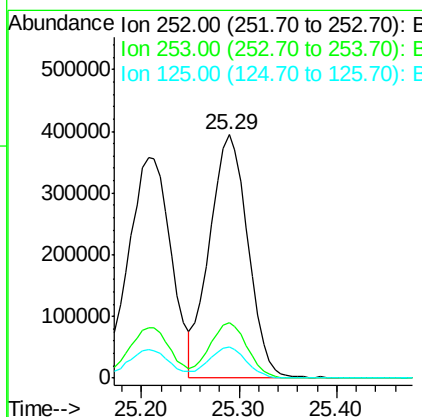
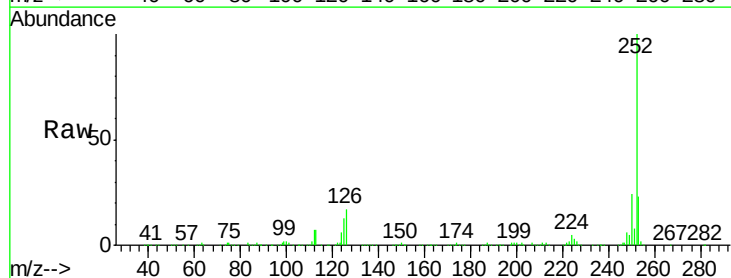
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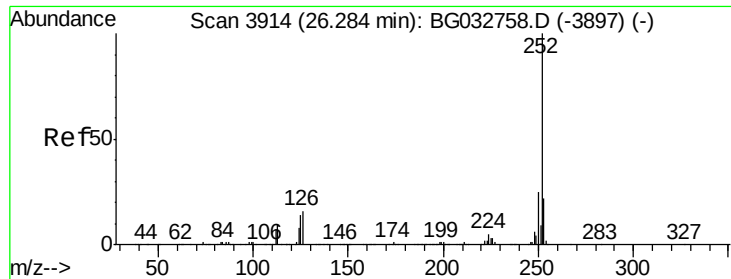
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#88
Benzo(k)fluoranthene
Concen: 41.190 ng
RT: 25.29 min Scan# 3745
Delta R.T. -0.01 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Tgt Ion:252 Resp: 1069481
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 12.8 6.6 9.8#





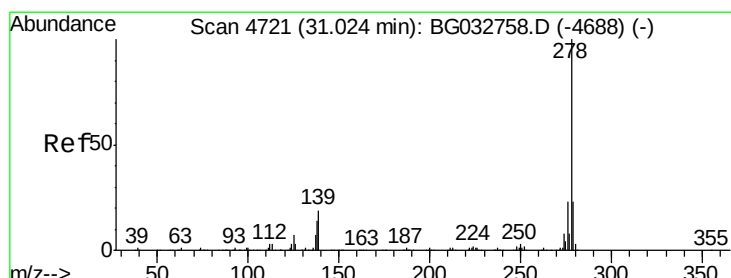
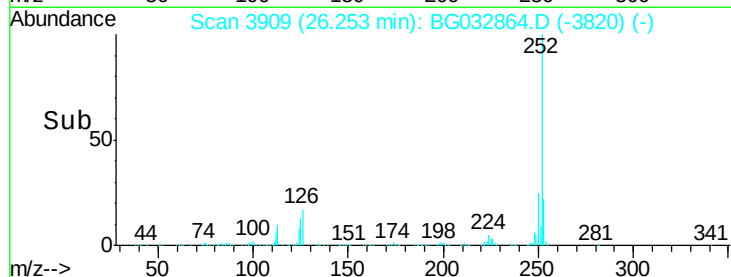
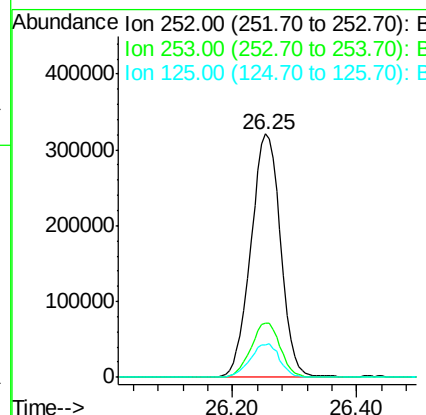
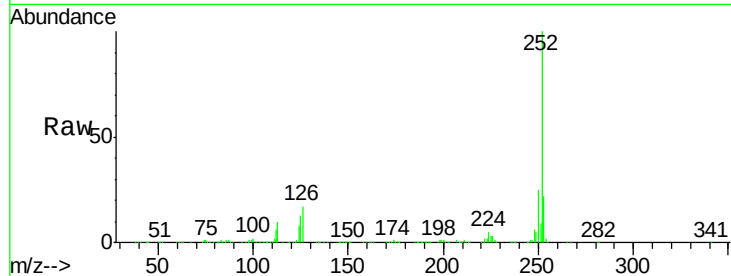
#89
Benzo(a)pyrene
Concen: 43.102 ng
RT: 26.25 min Scan# 3909
Delta R.T. -0.01 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Instrument :
BNA_G
ClientSampleId :
PB106879BS

Tot Ion:252 Resp: 1071064
Ion Ratio Lower Upper
252 100
253 22.2 18.3 27.5
125 13.1 7.3 10.9#

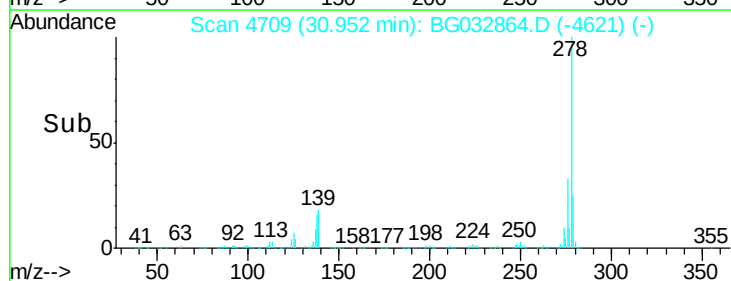
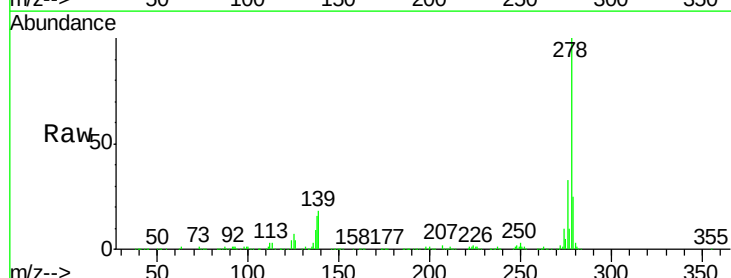
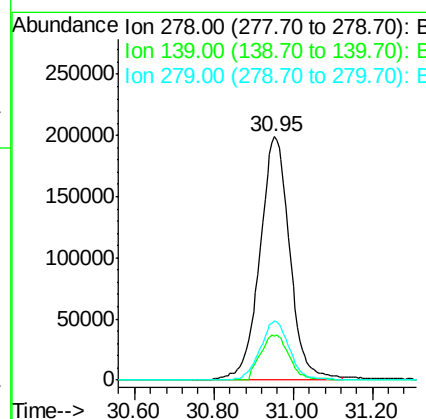
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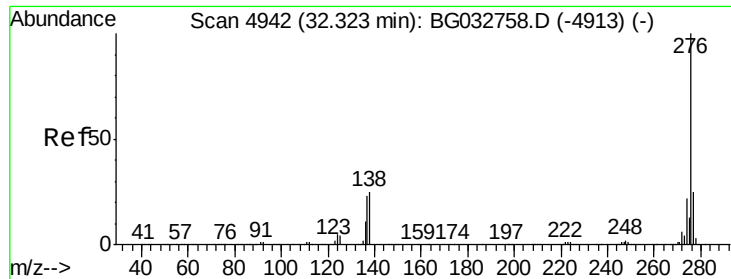
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 41.856 ng
RT: 30.95 min Scan# 4709
Delta R.T. -0.01 min
Lab File: BG032864.D
Acq: 27 Feb 2018 21:04

Tgt Ion:278 Resp: 1046918
Ion Ratio Lower Upper
278 100
139 17.8 9.8 14.6#
279 24.6 18.4 27.6





#91
 Benzo(a,h,i)perylene
 Concen: 42.193 ng
 RT: 32.27 min Scan# 4933
 Delta R.T. -0.01 min
 Lab File: BG032864.D
 Acq: 27 Feb 2018 21:04

Instrument :
 BNA_G
 ClientSampleId :
 PB106879BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.3	27.5
138	24.0	13.9	20.9

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