

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033936.D
 Acq On : 24 Apr 2018 1:43
 Operator : SJ/JU
 Sample : J2152-04MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MSD

Manual Integrations
 APPROVED

Sohil
 4/24/2018 4:37:38 PM

Quant Time: Apr 24 04:25:33 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	74860	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	354254	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	241291	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	597255	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	604839	20.00	ng	-0.02
86) Perylene-d12	24.53	264	617199	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	594305	126.75	ng	0.00
7) Phenol-d6	7.00	99	793502	116.03	ng	0.00
23) Nitrobenzene-d5	8.98	82	568986	91.41	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	381171	135.40	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1388536	84.54	ng	-0.01
78) Terphenyl-d14	19.85	244	2098031	77.93	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	71588	36.132	ng	90
3) Pyridine	3.81	79	180742	31.529	ng	93
4) n-Nitrosodimethylamine	3.72	42	113047	43.285	ng	# 88
6) Aniline	7.17	93	181894	19.897	ng	97
8) 2-Chlorophenol	7.40	128	250232	47.628	ng	94
9) Benzaldehyde	6.98	77	123091	32.270	ng	91
10) Phenol	7.03	94	290850	41.514	ng	97
11) bis(2-Chloroethyl)ether	7.26	93	231896	43.276	ng	94
12) 1,3-Dichlorobenzene	7.72	146	252298	41.715	ng	99
13) 1,4-Dichlorobenzene	7.87	146	252342	41.193	ng	97
14) 1,2-Dichlorobenzene	8.18	146	245443	41.201	ng	95
15) Benzyl Alcohol	8.06	79	261256	43.809	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.36	45	409300	39.163	ng	97
17) 2-Methylphenol	8.26	107	226081	43.545	ng	94
18) Hexachloroethane	8.91	117	93335	41.695	ng	99
19) n-Nitroso-di-n-propylamine	8.63	70	228718	39.233	ng	96
20) 3+4-Methylphenols	8.59	107	316195	41.913	ng	94
22) Acetophenone	8.65	105	392939	40.754	ng	# 97
24) Nitrobenzene	9.02	77	306939	45.250	ng	97
25) Isophorone	9.55	82	614302	43.894	ng	95
26) 2-Nitrophenol	9.73	139	139149	51.917	ng	95
27) 2,4-Dimethylphenol	9.79	122	269335	53.725	ng	94
28) bis(2-Chloroethoxy)methane	10.03	93	352559	47.666	ng	95
29) 2,4-Dichlorophenol	10.26	162	282548	50.558	ng	94
30) 1,2,4-Trichlorobenzene	10.47	180	269786	43.101	ng	98
31) Naphthalene	10.66	128	836422	45.914	ng	99
32) Benzoic acid	9.86	122	2428m	5.518	ng	
33) 4-Chloroaniline	10.77	127	49235	5.750	ng	99
34) Hexachlorobutadiene	10.96	225	159693	42.647	ng	97
35) Caprolactam	11.55	113	80392	33.835	ng	# 81
36) 4-Chloro-3-methylphenol	11.90	107	309540	45.381	ng	# 90
37) 2-Methylnaphthalene	12.28	142	602288	43.183	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	343569	42.880	ng	98
40) Hexachlorocyclopentadiene	12.63	237	301266	68.384	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.89	196	241744	49.486	nq	99
43) 2,4,5-Trichlorophenol	12.96	196	263074	46.842	nq	98
45) 1,1'-Biphenyl	13.29	154	815587	41.756	nq	97
46) 2-Chloronaphthalene	13.34	162	623367	42.090	nq	99
47) 2-Nitroaniline	13.53	65	218428	47.235	nq	92
48) Acenaphthylene	14.18	152	993023	40.337	nq	98
49) Dimethylphthalate	13.93	163	838655	39.512	nq	99
50) 2,6-Dinitrotoluene	14.04	165	192324	47.814	nq	88
51) Acenaphthene	14.53	154	619032	40.028	nq	98
52) 3-Nitroaniline	14.36	138	59814	13.695	nq #	94
53) 2,4-Dinitrophenol	14.57	184	11851	8.238	nq #	62
54) Dibenzofuran	14.86	168	974838	42.518	nq	95
55) 4-Nitrophenol	14.67	139	241909	70.620	nq	90
56) 2,4-Dinitrotoluene	14.83	165	264139	49.382	nq #	83
57) Fluorene	15.51	166	821726	41.416	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.09	232	239211	46.519	nq	98
59) Diethylphthalate	15.30	149	865947	38.598	nq	97
60) 4-Chlorophenyl-phenylether	15.51	204	438581	42.262	nq	95
61) 4-Nitroaniline	15.53	138	203199	43.817	nq	91
62) Azobenzene	15.81	77	788257	39.415	nq	98
64) 4,6-Dinitro-2-methylphenol	15.59	198	21864	13.064	nq	86
65) n-Nitrosodiphenylamine	15.73	169	711920	41.000	nq	98
66) 4-Bromophenyl-phenylether	16.41	248	279924	42.677	nq	93
67) Hexachlorobenzene	16.52	284	291546	41.679	nq	98
68) Atrazine	16.68	200	297439	43.725	nq	99
69) Pentachlorophenol	16.86	266	168185	35.003	nq #	55
70) Phenanthrene	17.25	178	1290868	40.289	nq	96
71) Anthracene	17.35	178	1316627	41.091	nq	97
72) Carbazole	17.62	167	1197156	38.728	nq	96
73) Di-n-butylphthalate	18.20	149	1439515	37.433	nq	98
74) Fluoranthene	19.28	202	1539077	39.710	nq	95
76) Benzidine	19.46	184	581530	35.605	nq	98
77) Pyrene	19.64	202	1538447	38.780	nq	94
79) Butylbenzylphthalate	20.56	149	684471	39.288	nq	90
80) Benzo(a)anthracene	21.46	228	1543766	40.476	nq	97
81) 3,3'-Dichlorobenzidine	21.37	252	281435	19.790	nq	99
82) Chrysene	21.52	228	1445347	39.685	nq	96
83) Bis(2-ethylhexyl)phthalate	21.40	149	947702	38.518	nq	99
84) Di-n-octyl phthalate	22.57	149	1625131	41.614	nq	100
85) Indeno(1,2,3-cd)pyrene	27.99	276	1778169	42.891	nq #	94
87) Benzo(b)fluoranthene	23.56	252	1594074	42.337	nq	99
88) Benzo(k)fluoranthene	23.63	252	1513479	40.466	nq	96
89) Benzo(a)pyrene	24.39	252	1535958	42.594	nq	100
90) Dibenzo(a,h)anthracene	28.06	278	1487103	42.619	nq	96
91) Benzo(g,h,i)perylene	29.07	276	1435827	41.819	nq	98

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

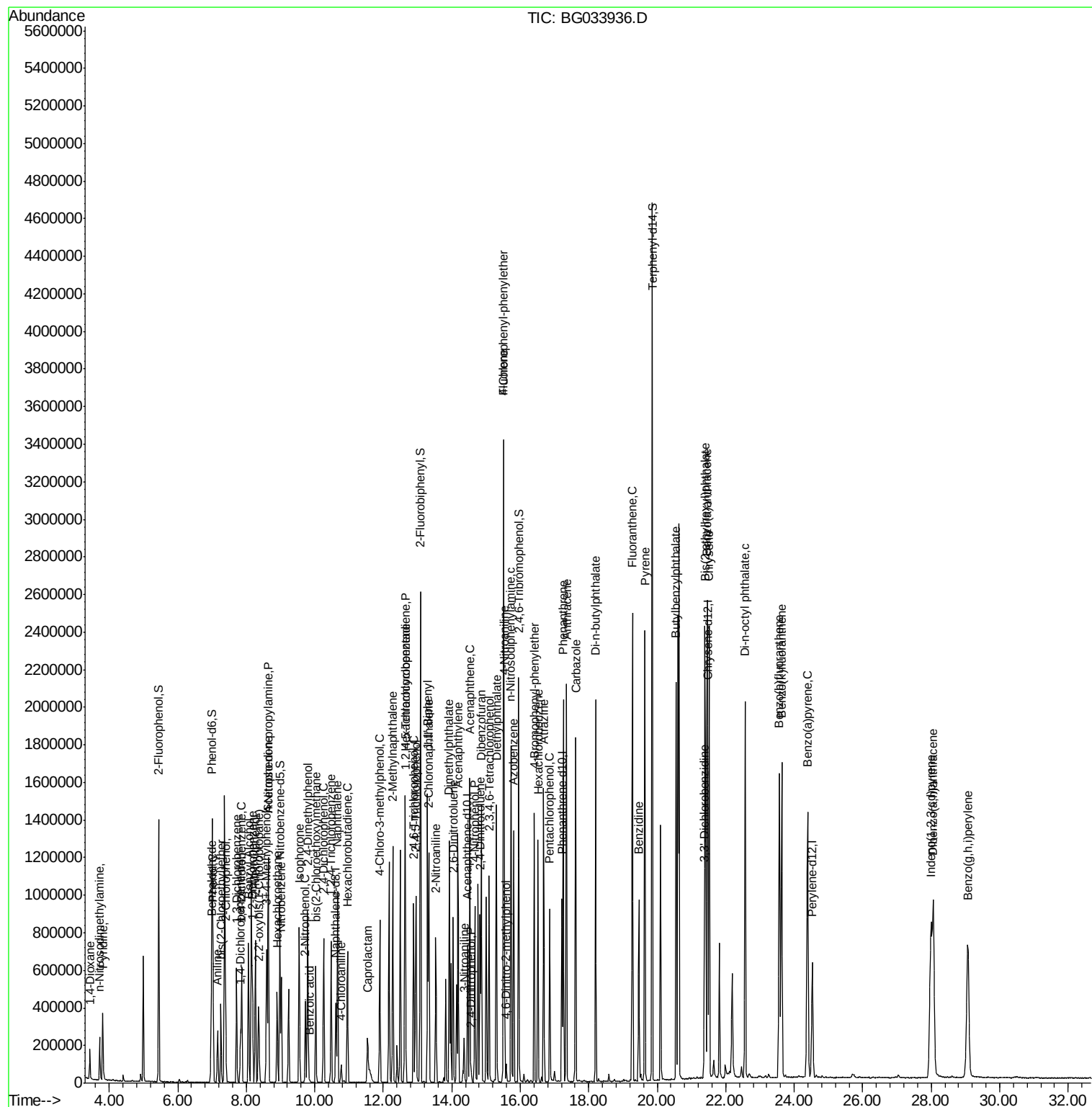
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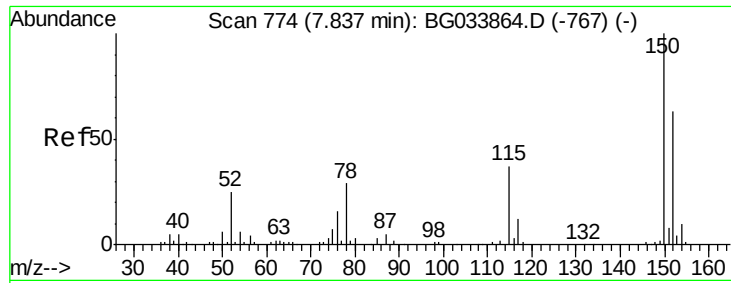
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#1

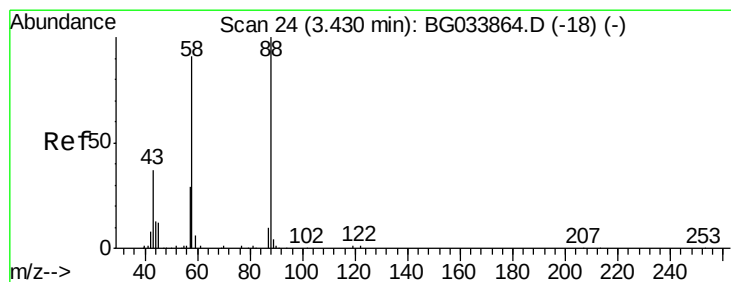
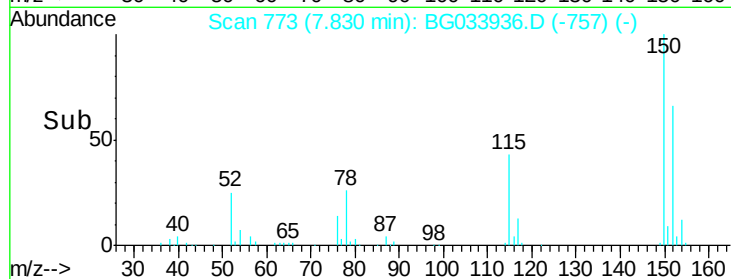
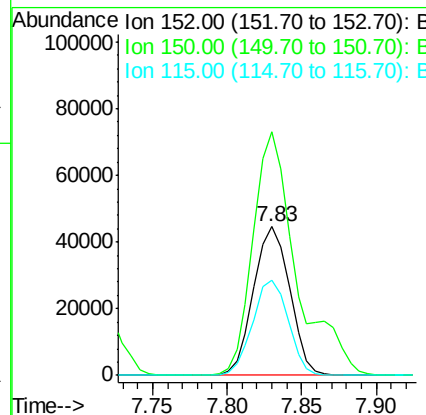
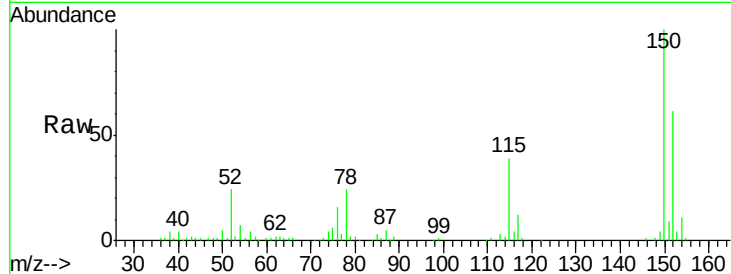
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Instrument :
 BNA_G
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Tot Ion	Ratio	Lower	Upper
152	100		
150	163.7	126.6	189.8
115	64.1	53.0	79.4

Manual Integrations
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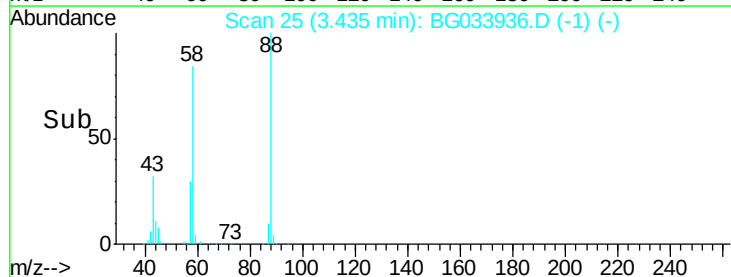
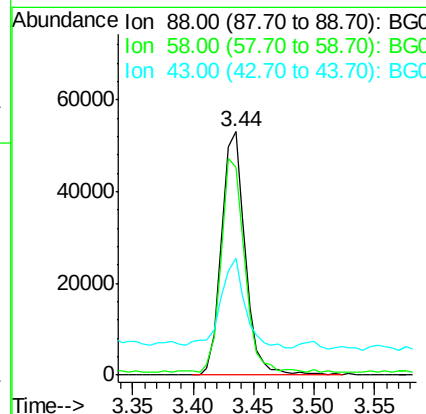
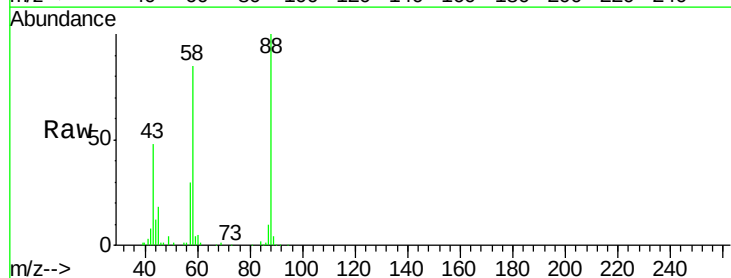
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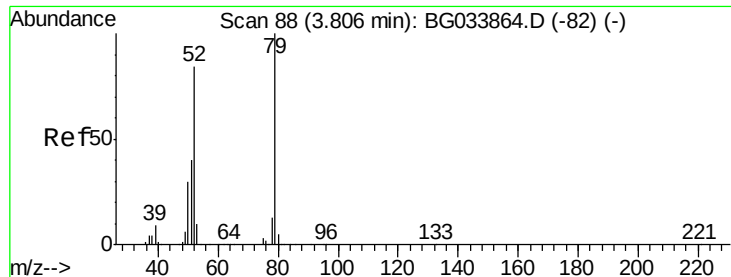


#2

1,4-Dioxane
 Concen: 36.132 ng
 RT: 3.44 min Scan# 25
 Delta R.T. 0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.0	79.6	119.4
43	38.2	27.4	41.0





#3

Pvridine

Concen: 31.529 ng

RT: 3.81 min Scan# 89

Delta R.T. 0.01 min

Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

Instrument :

BNA_G

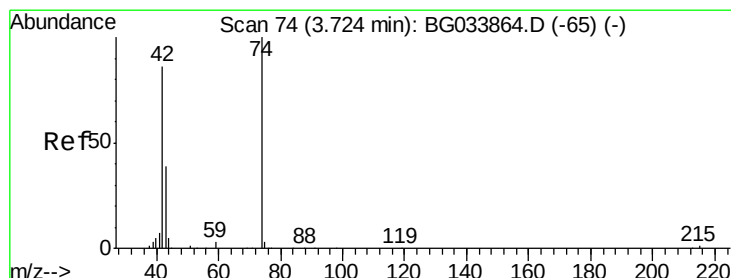
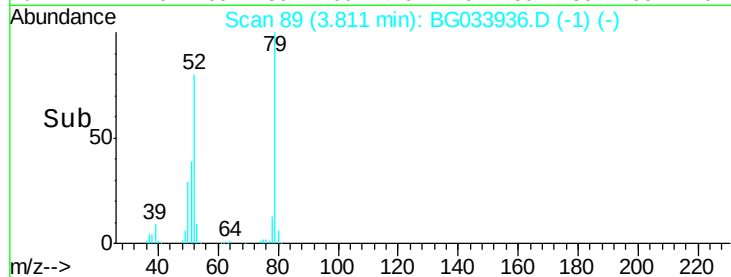
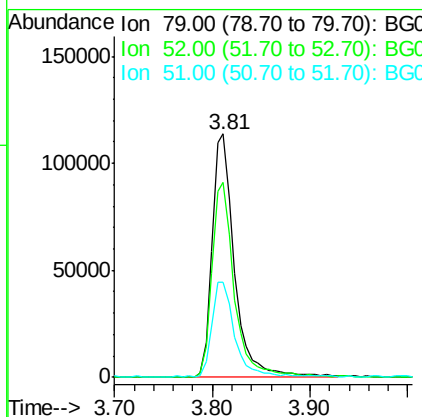
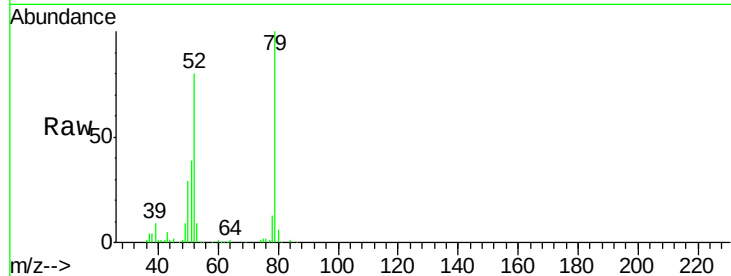
ClientSampleId :

BU-03-042018MSD

Tot Ion:	79	Resp:	180742
Ion Ratio	Lower	Upper	
79	100		
52	80.1	69.9	104.9
51	39.3	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 43.285 ng

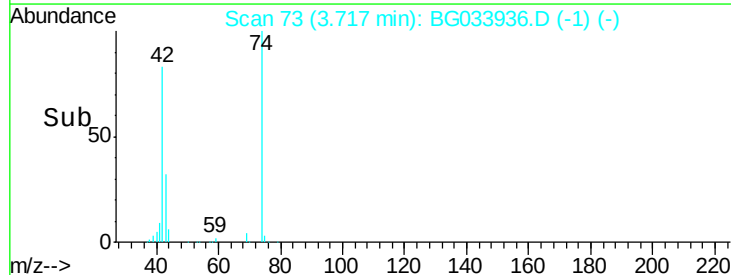
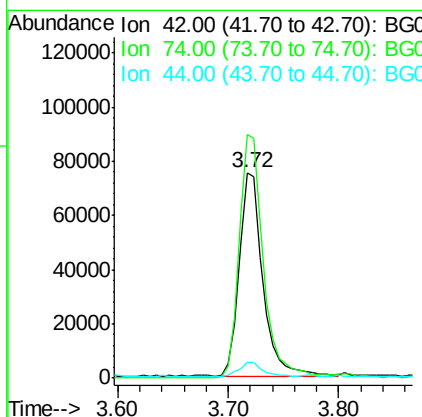
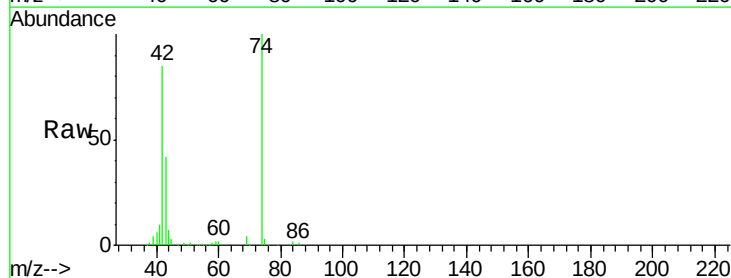
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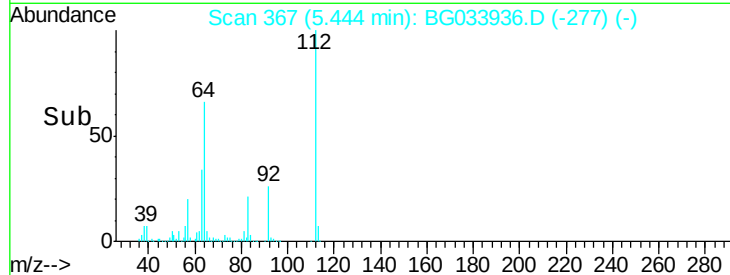
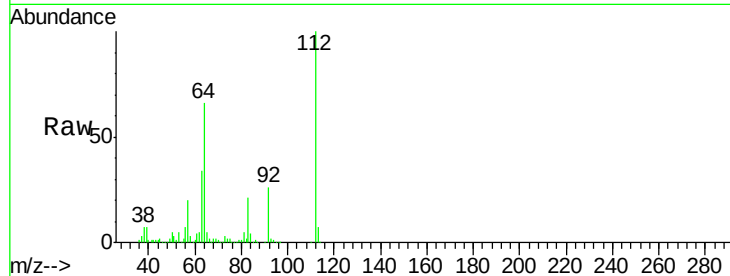
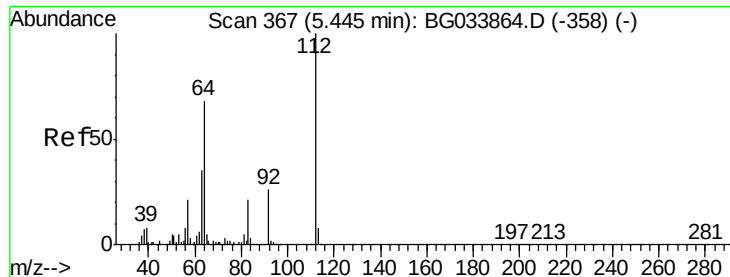
Delta R.T. -0.01 min

Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

Tgt Ion:	42	Resp:	113047
Ion Ratio	Lower	Upper	
42	100		
74	118.3	102.5	153.7
44	7.7	18.9	28.3#





#5

2-Fluorophenol

Concen: 126.747 ng

RT: 5.44 min Scan# 367

Delta R.T. -0.00 min

Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

Tot Ion:	112	Resp:	594305
Ion Ratio	Lower	Upper	
112	100		
64	66.1	56.3	84.5
63	34.1	30.1	45.1

Instrument :

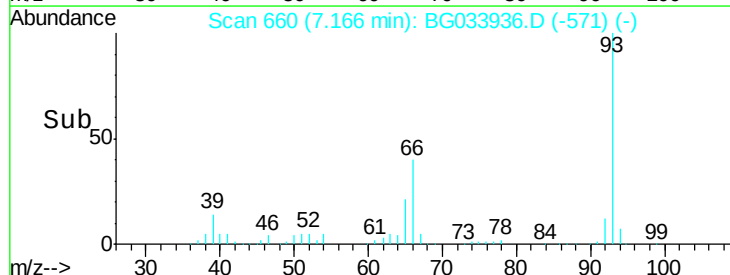
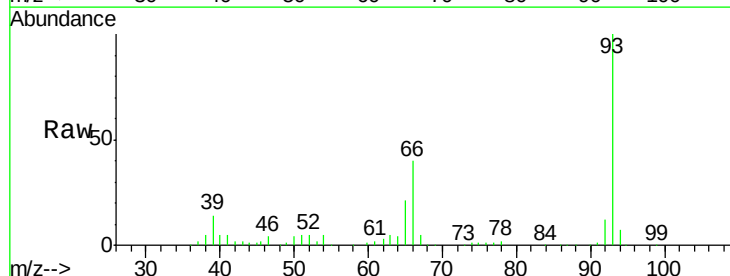
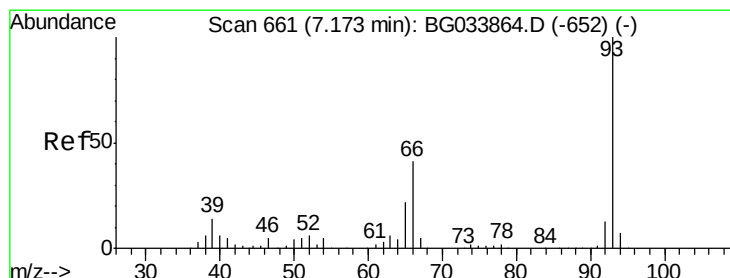
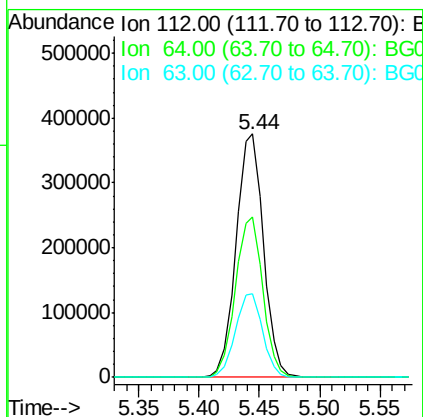
BNA_G

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#6

Aniline

Concen: 19.897 ng

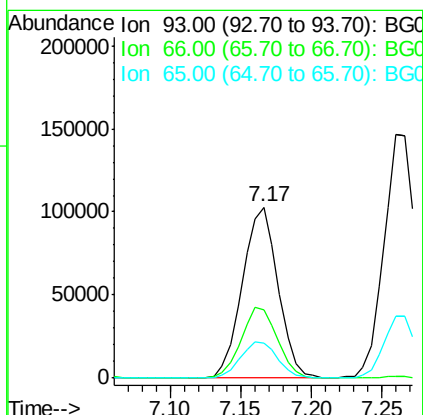
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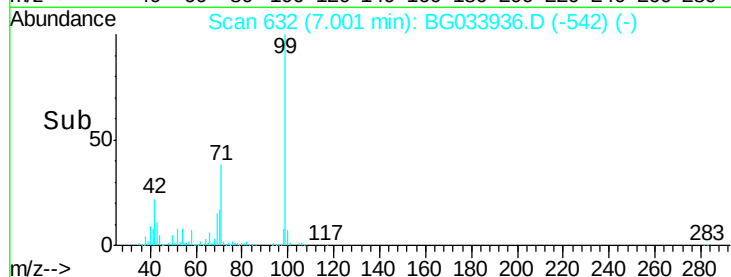
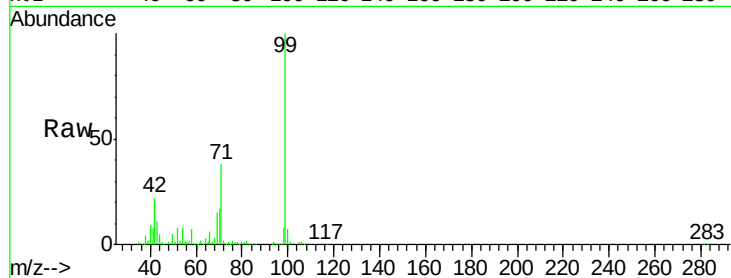
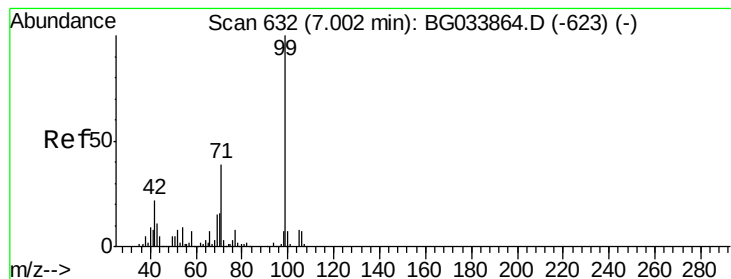
Delta R.T. -0.01 min

Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

Tgt Ion:	93	Resp:	181894
Ion Ratio	Lower	Upper	
93	100		
66	39.9	33.7	50.5
65	20.6	16.1	24.1





#7

Phenol-d6

Concen: 116.025 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		793502		
42	21.7	14.1	21.1#		
71	37.8	26.1	39.1		

Instrument :

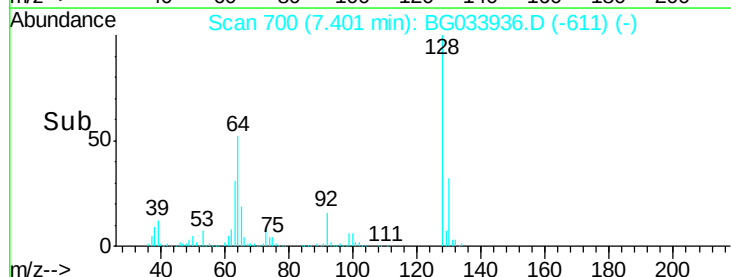
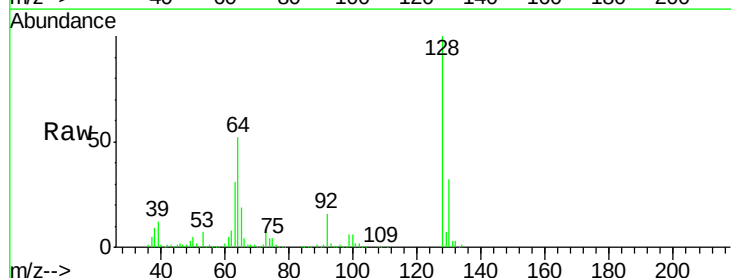
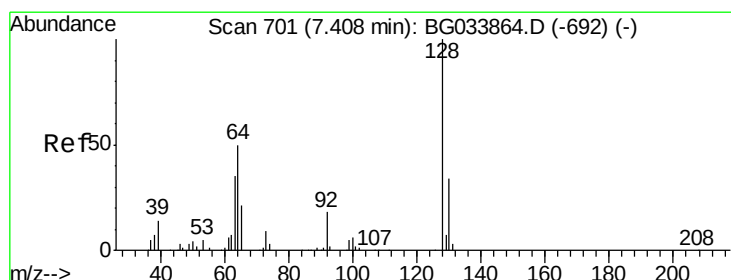
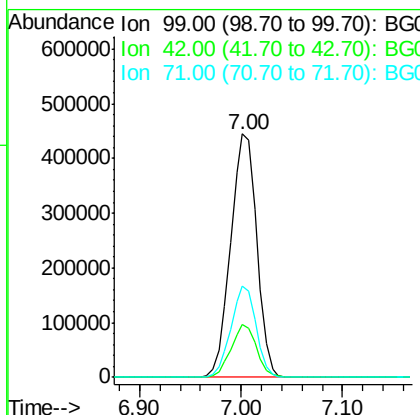
BNA_G

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BU-03-042018MSD

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#8

2-Chlorophenol

Concen: 47.628 ng

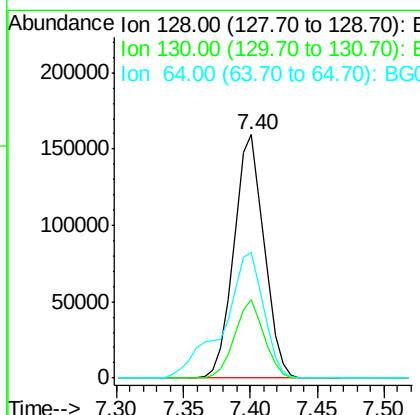
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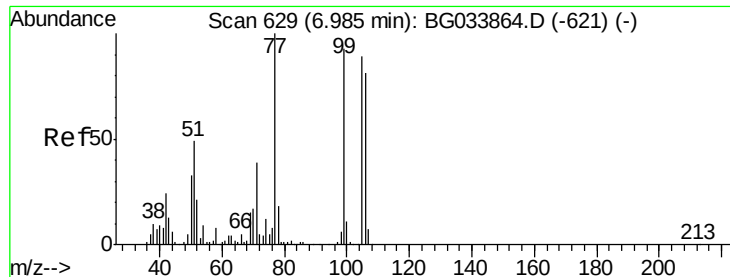
Delta R.T. -0.01 min

Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		250232		
130	32.4	14.0	54.0		
64	51.8	37.7	77.7		





#9

Benzaldehyde

Concen: 32.270 ng

RT: 6.98 min Scan# 628

Delta R.T. -0.01 min

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Instrument :

BNA_G

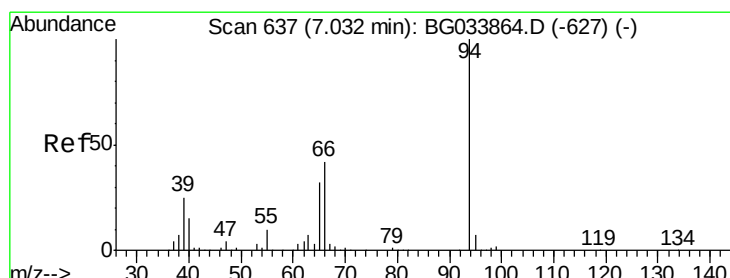
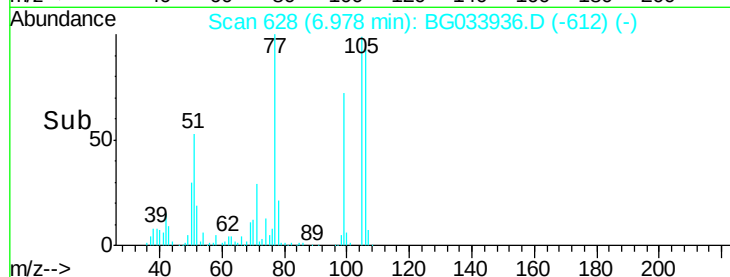
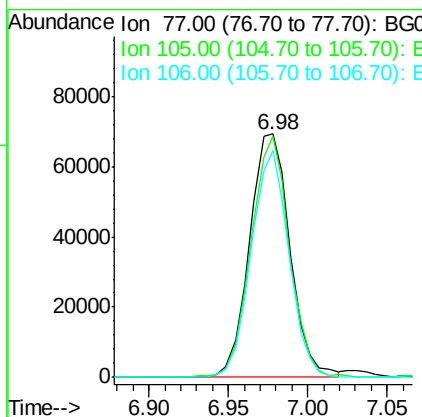
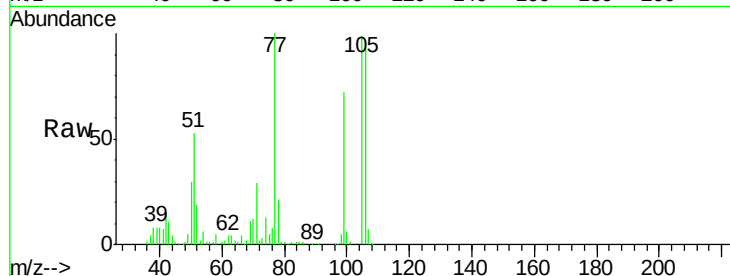
ClientSampleId :

BU-03-042018MSD

Tot Ion:	77	Resp:	123091
Ion Ratio	Lower	Upper	
77	100		
105	99.2	71.3	111.3
106	93.3	64.2	104.2

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#10

Phenol

Concen: 41.514 ng

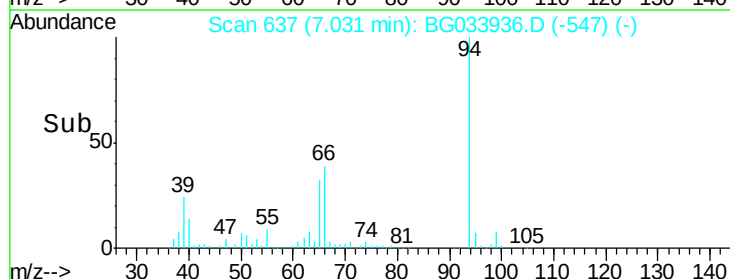
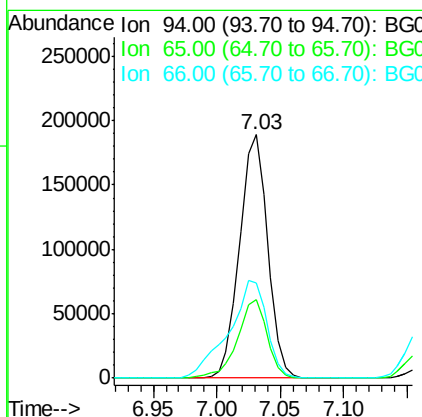
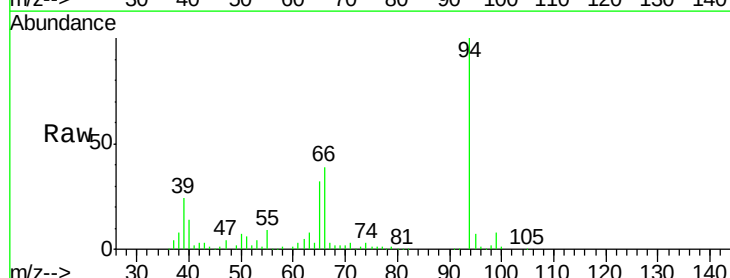
RT: 7.03 min Scan# 637

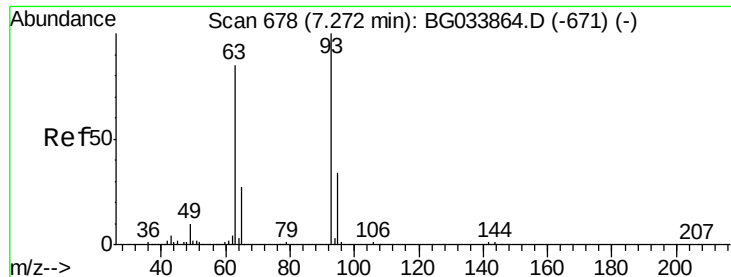
Delta R.T. -0.00 min

Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

Tgt Ion:	94	Resp:	290850
Ion Ratio	Lower	Upper	
94	100		
65	32.4	11.9	51.9
66	39.3	22.2	62.2





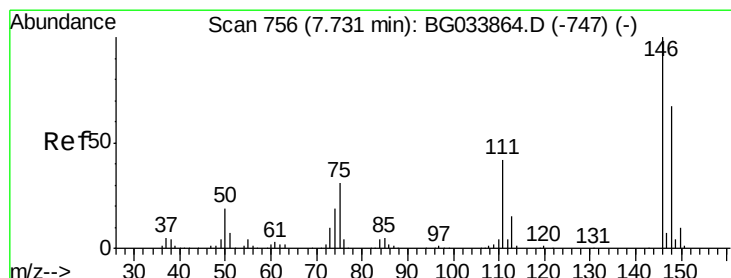
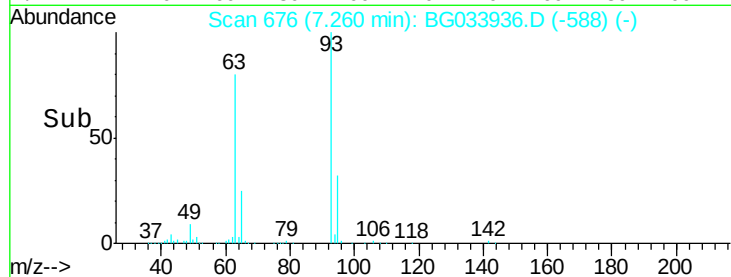
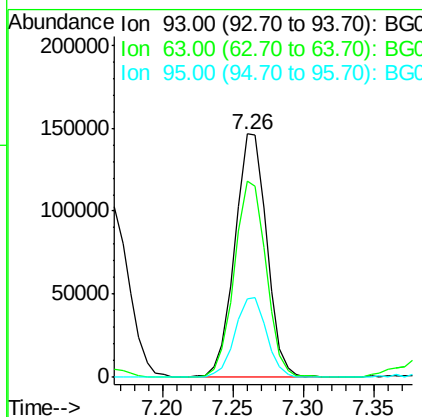
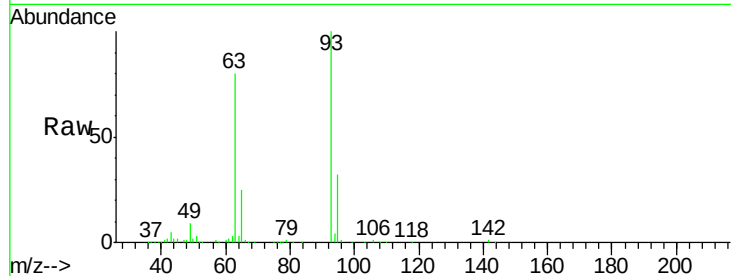
#11
bis(2-Chloroethyl)ether
Concen: 43.276 ng
RT: 7.26 min Scan# 676
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MSD

Tot Ion:	93	Resp:	231896
Ion Ratio	Lower	Upper	
93	100		
63	80.4	67.1	107.1
95	32.5	11.5	51.5

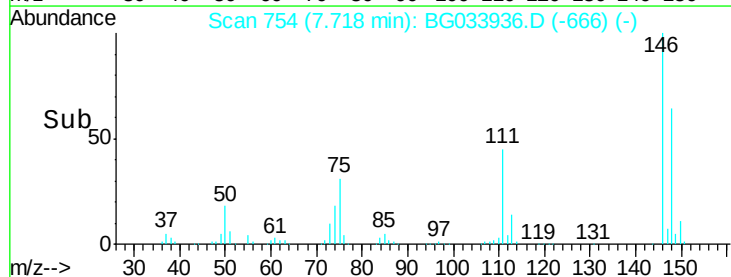
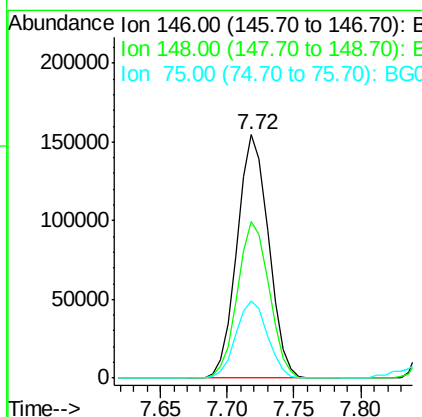
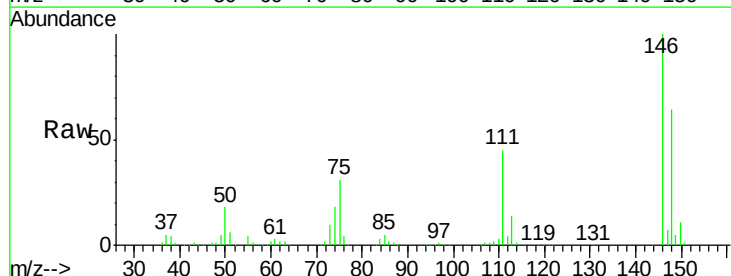
Manual Integrations
APPROVED

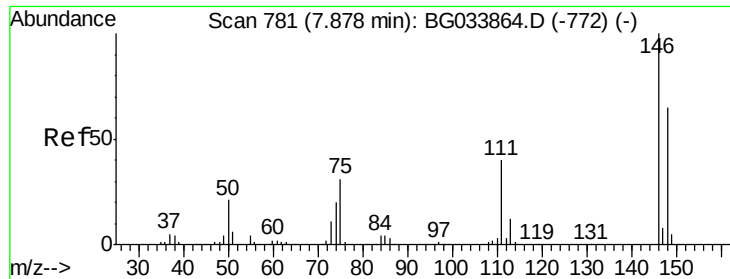
Sohil
4/24/2018 4:37:38 PM



#12
1,3-Dichlorobenzene
Concen: 41.715 ng
RT: 7.72 min Scan# 754
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Tgt Ion:	146	Resp:	252298
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.4	77.2
75	31.5	26.6	39.8





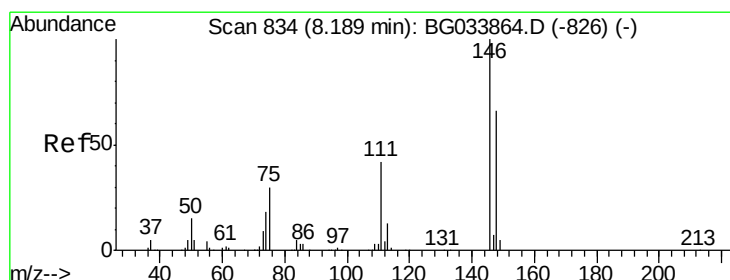
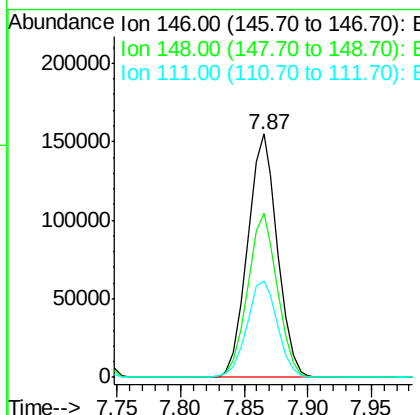
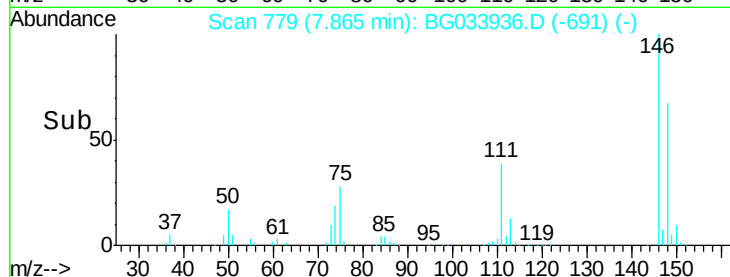
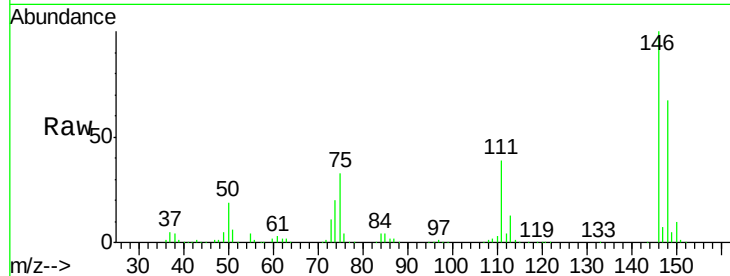
#13
 1,4-Dichlorobenzene
 Concen: 41.193 ng
 RT: 7.87 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		252342		
148	67.4	53.7	80.5		
111	39.4	35.2	52.8		

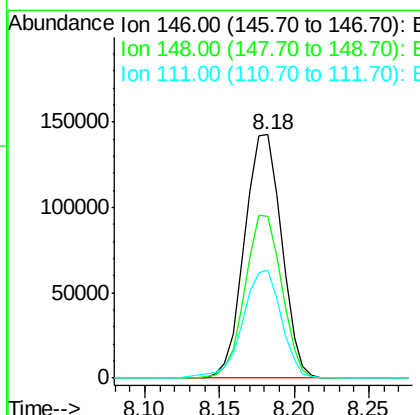
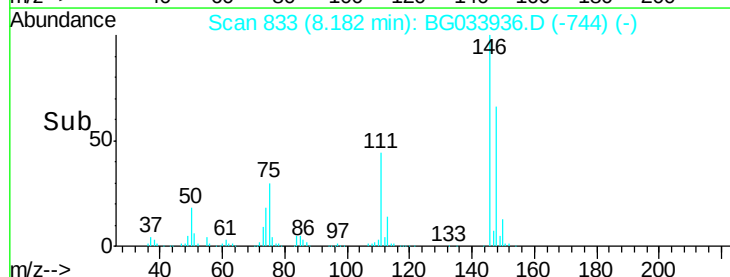
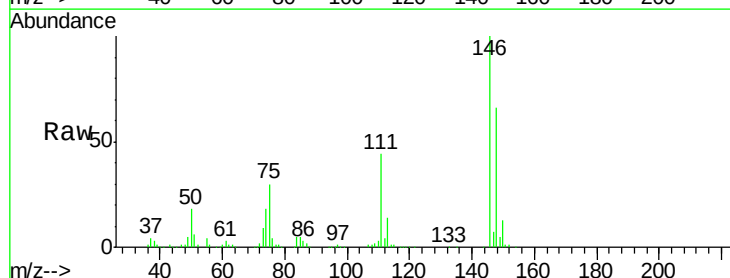
Manual Integrations
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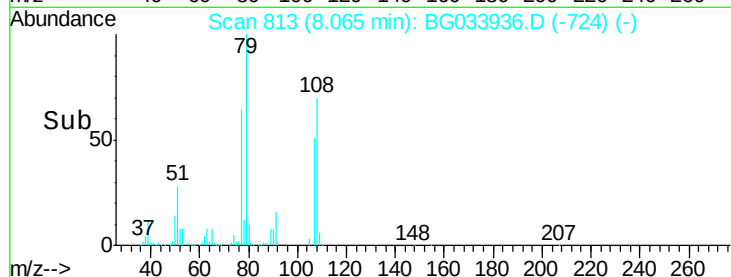
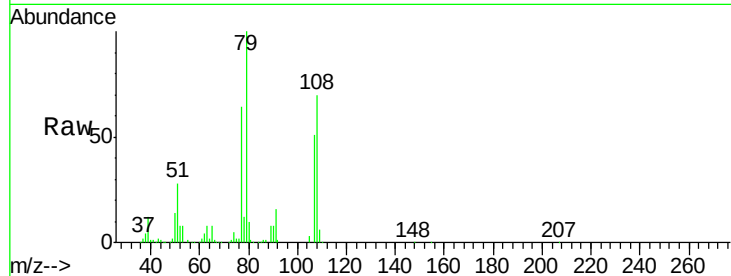
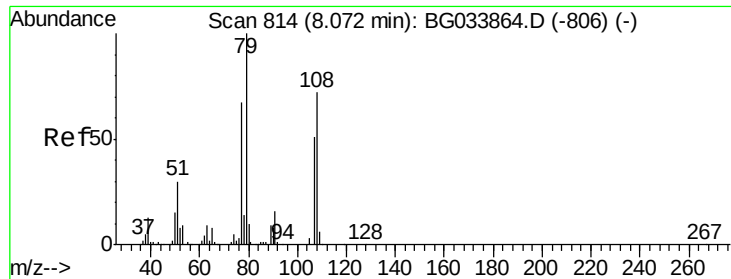
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 41.201 ng
 RT: 8.18 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		245443		
148	66.3	49.3	73.9		
111	44.5	34.3	51.5		





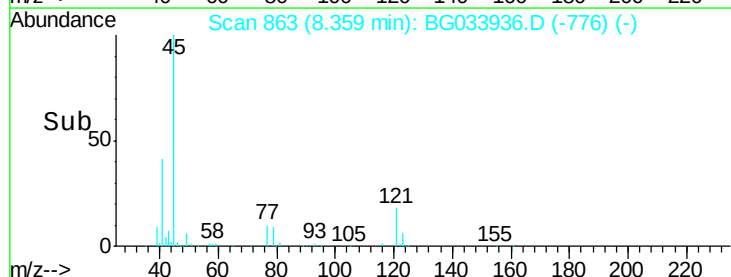
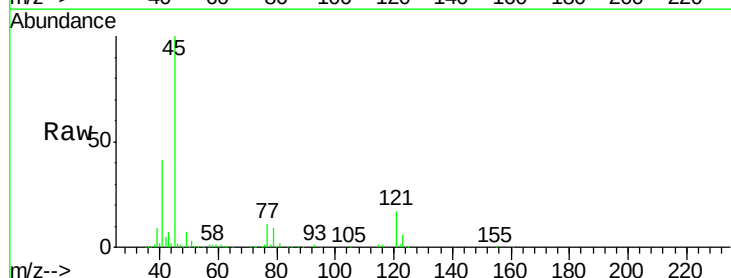
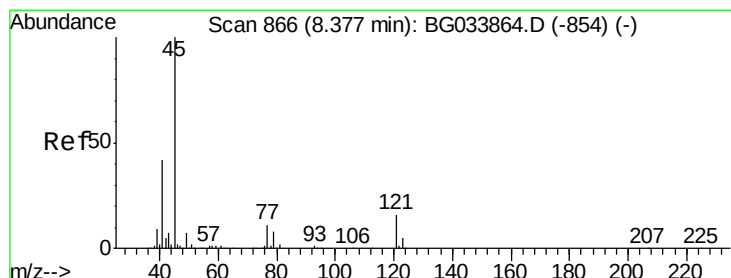
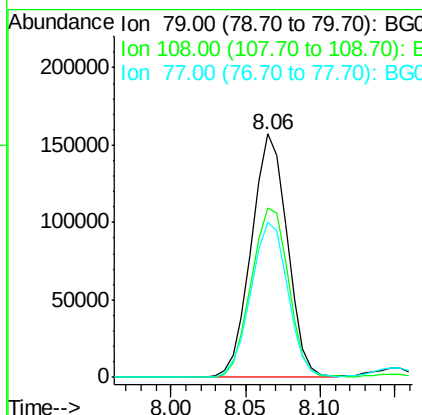
#15
Benzyl Alcohol
Concen: 43.809 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.7	57.2	85.8
77	63.8	46.1	69.1

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MSD

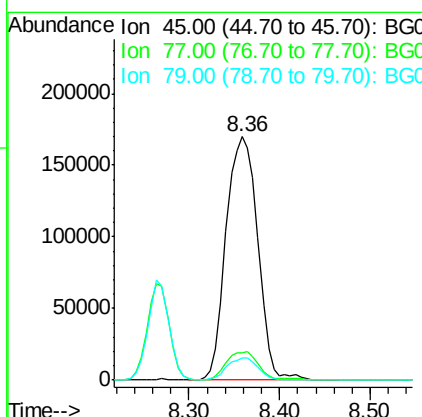
Manual Integrations
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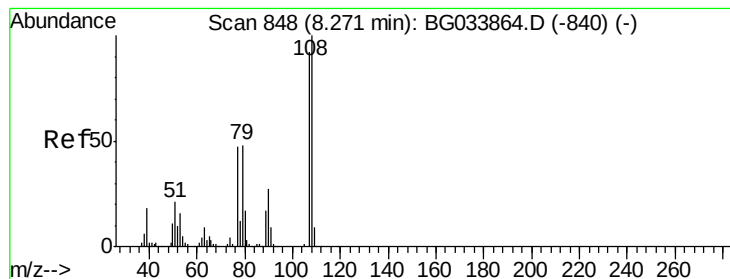
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.163 ng
RT: 8.36 min Scan# 863
Delta R.T. -0.02 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	30.2
79	9.3	0.0	27.9





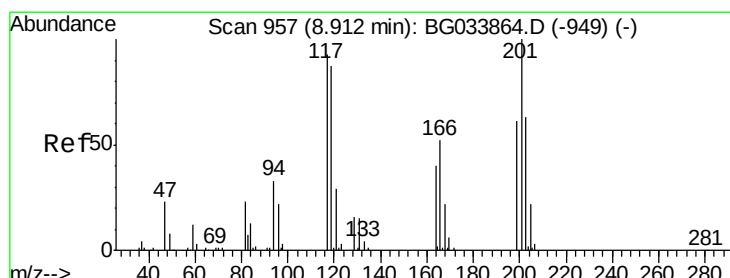
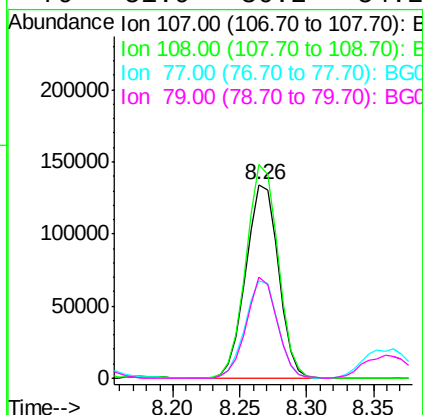
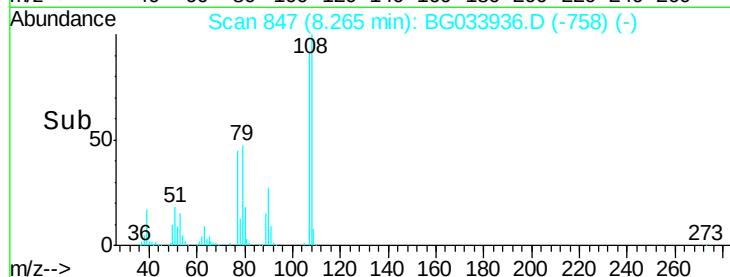
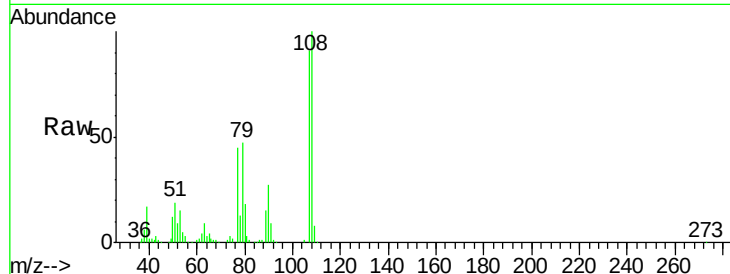
#17
2-Methylphenol
Concen: 43.545 ng
RT: 8.26 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	83.9	125.9	
77	50.0	37.2	55.8	
79	51.9	36.2	54.2	

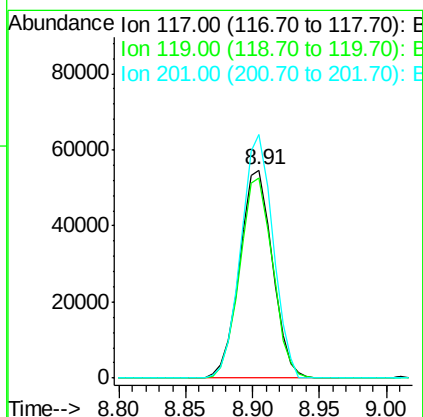
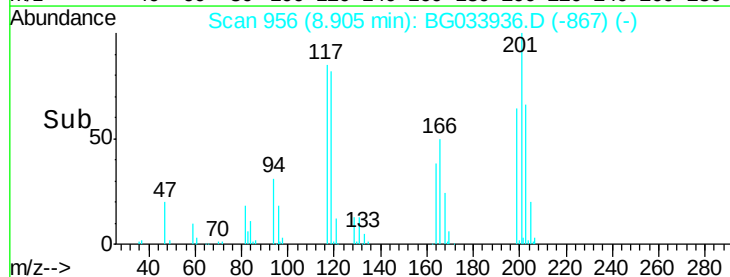
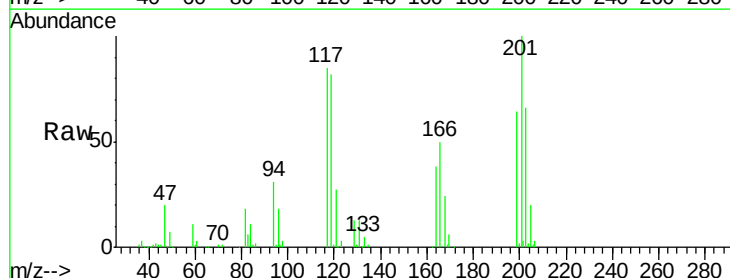
Manual Integrations
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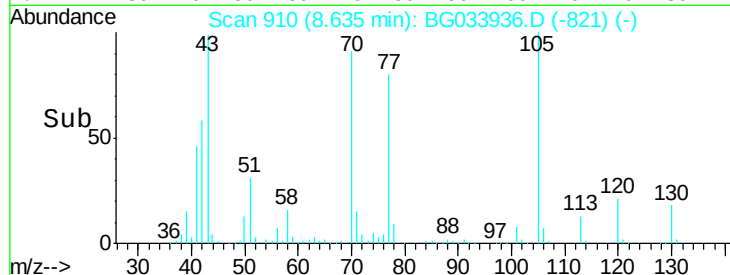
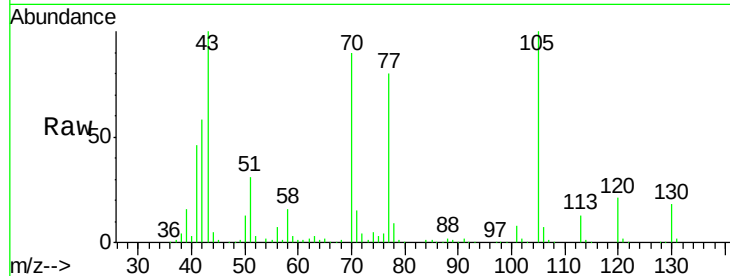
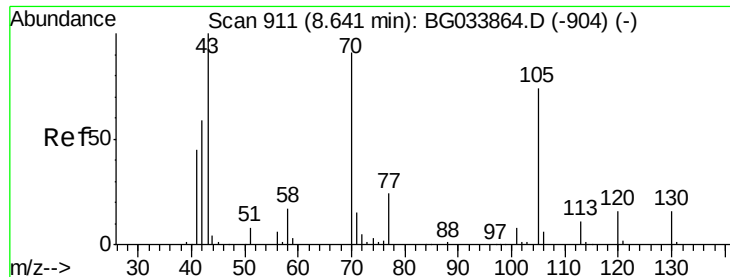
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#18
Hexachloroethane
Concen: 41.695 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.5	76.7	115.1	
201	120.4	95.7	143.5	





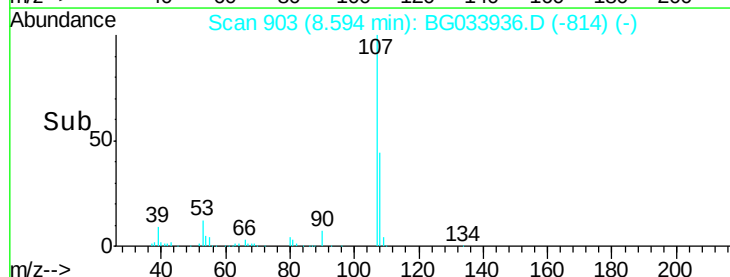
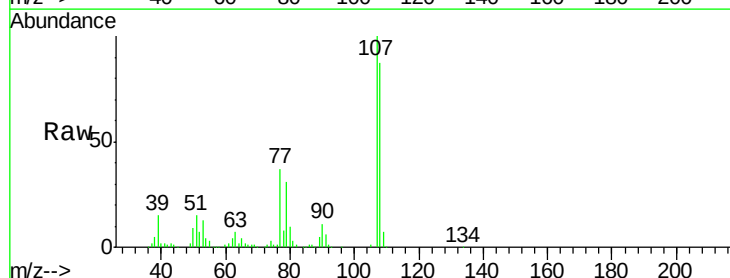
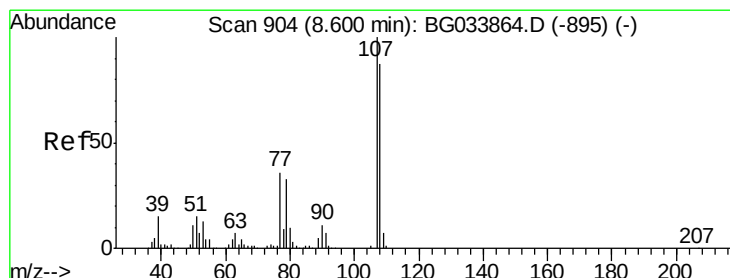
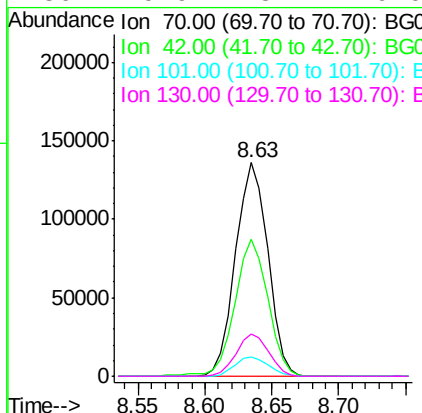
#19
n-Nitroso-di-n-propylamine
Concen: 39.233 ng
RT: 8.63 min Scan# 910
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		228718		
42	64.0	49.1		73.7	
101	9.0	8.5		12.7	
130	19.9	13.4		20.0	

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MSD

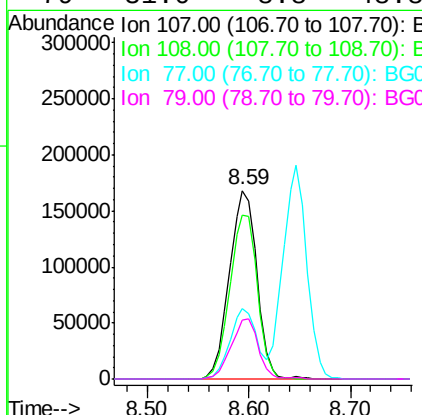
Manual Integrations
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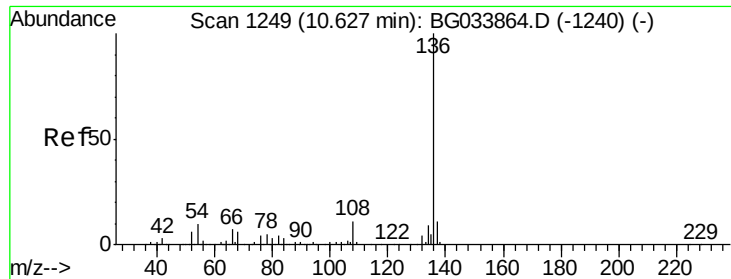
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#20
3+4-Methylphenols
Concen: 41.913 ng
RT: 8.59 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		316195		
108	87.0	61.6		101.6	
77	37.1	13.9		53.9	
79	31.0	8.8		48.8	





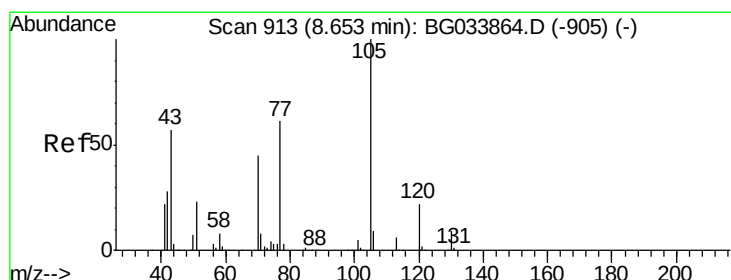
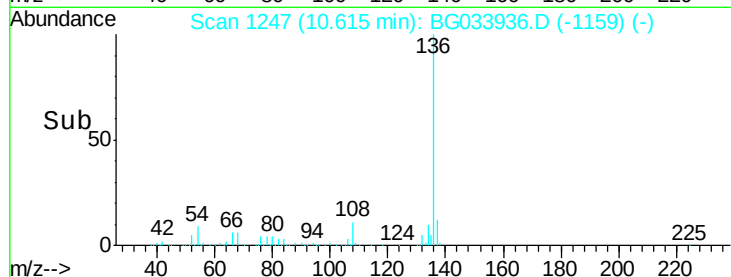
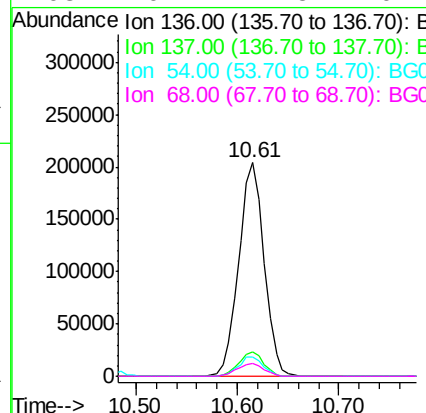
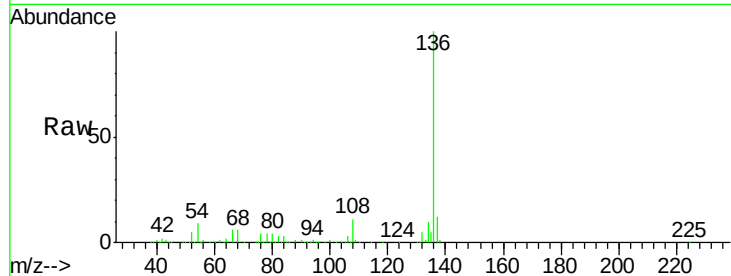
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.7	9.2	13.8	
54	8.9	10.3	15.5	
68	6.1	4.5	6.7	

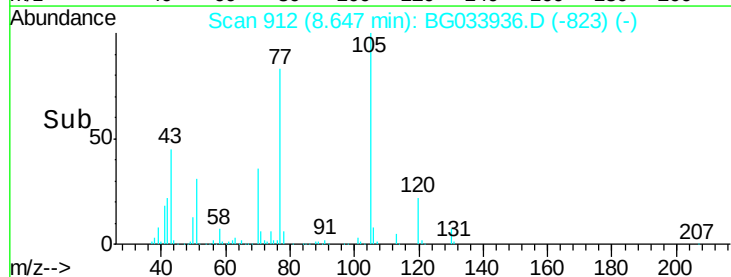
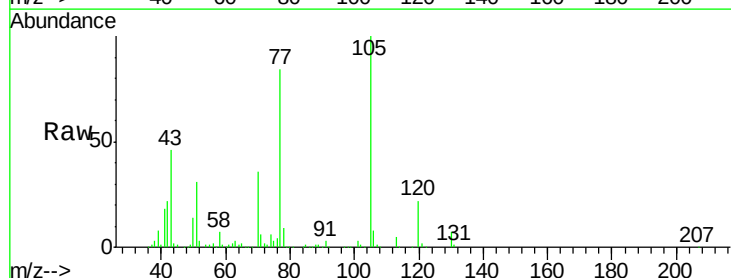
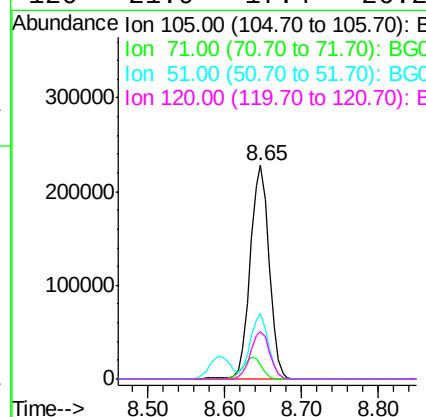
Manual Integrations
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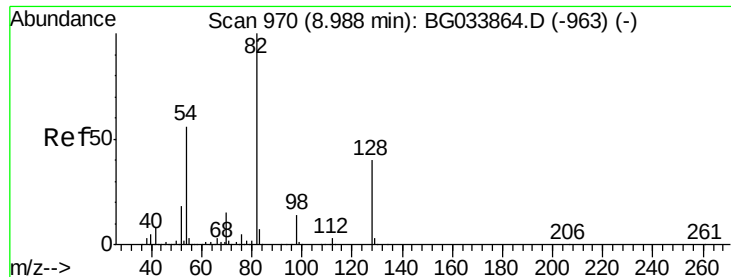
Sohil
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#22
Acetophenone
Concen: 40.754 ng
RT: 8.65 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.5	3.0	4.4	
51	30.7	26.1	39.1	
120	21.9	17.4	26.2	





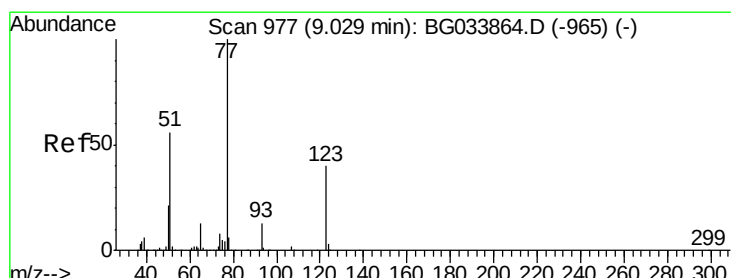
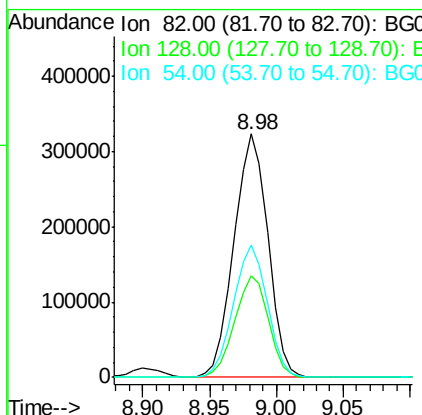
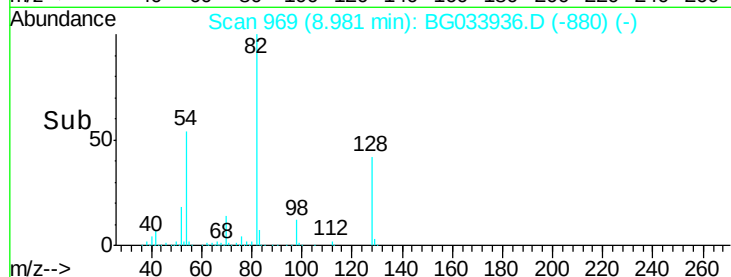
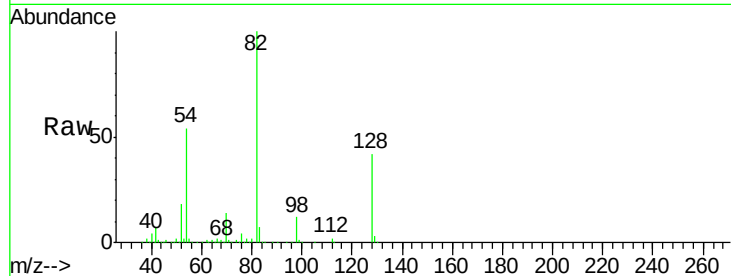
#23
 Nitrobenzene-d5
 Concen: 91.406 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MSD

Tot Ion	82	Resp	568986
Ion Ratio	Lower	Upper	
82	100		
128	41.9	29.7	44.5
54	54.1	43.1	64.7

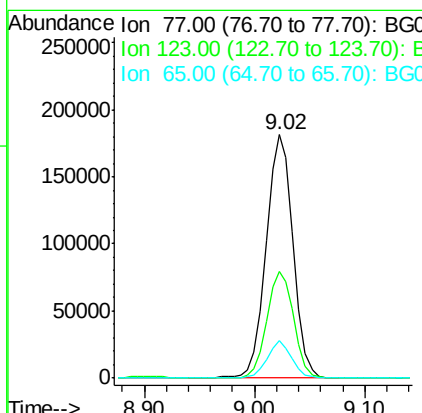
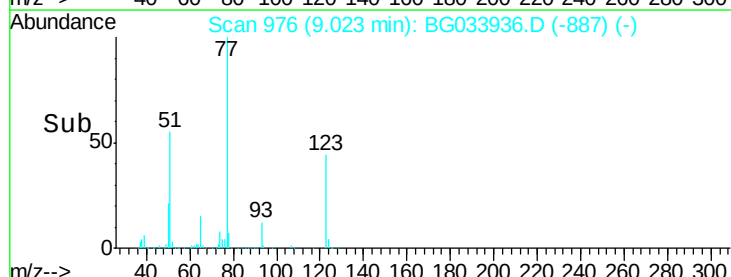
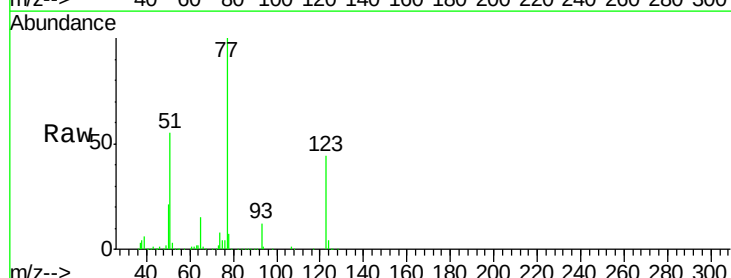
Manual Integrations
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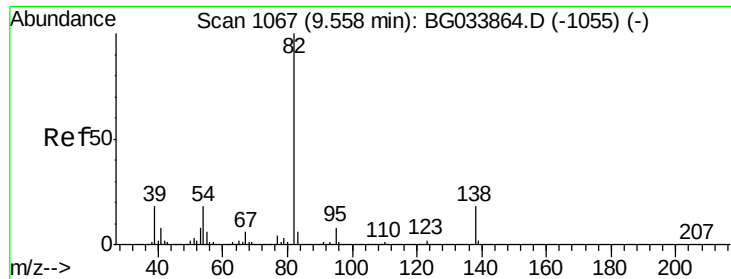
Sohil
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#24
 Nitrobenzene
 Concen: 45.250 ng
 RT: 9.02 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Tgt Ion	77	Resp	306939
Ion Ratio	Lower	Upper	
77	100		
123	43.7	33.0	49.6
65	15.2	13.0	19.6





#25

Isophorone

Concen: 43.894 ng

RT: 9.55 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

Instrument :

BNA_G

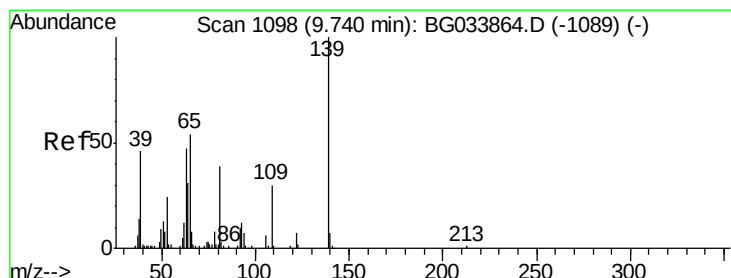
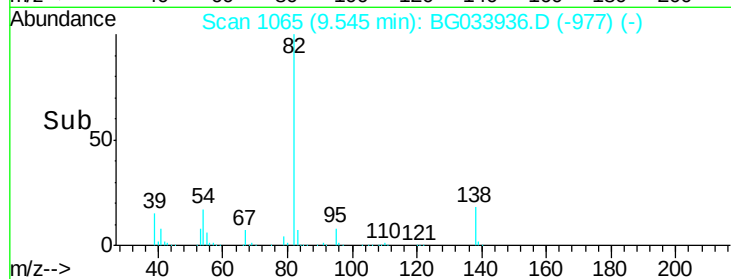
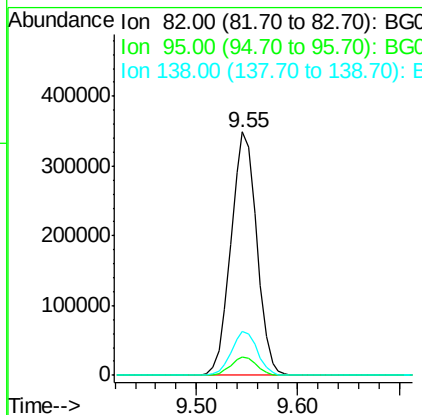
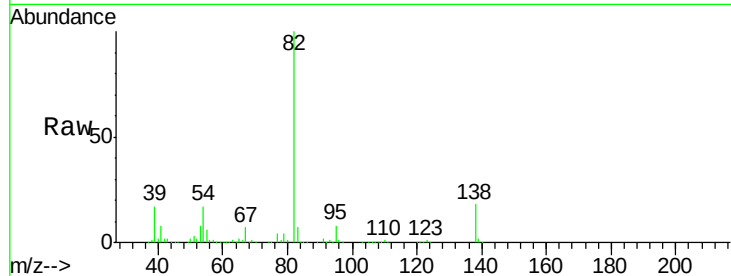
ClientSampleId :

BU-03-042018MSD

Tot Ion:	82	Resp:	614302
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.2	9.2
138	18.0	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.917 ng

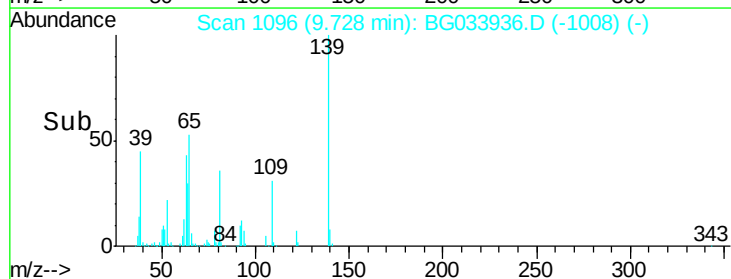
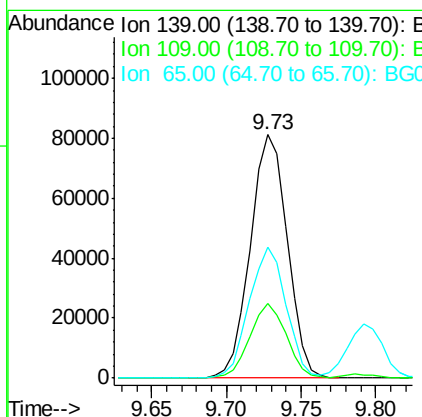
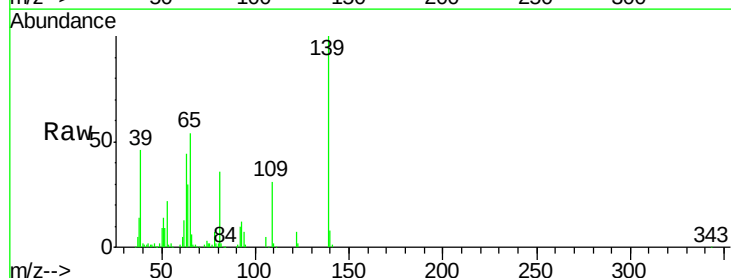
RT: 9.73 min Scan# 1096

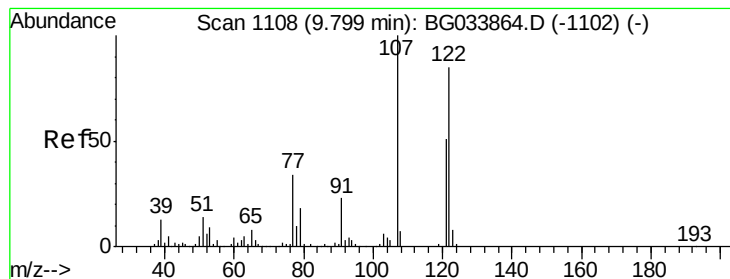
Delta R.T. -0.01 min

Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

Tgt Ion:	139	Resp:	139149
Ion Ratio	Lower	Upper	
139	100		
109	30.8	24.2	36.2
65	53.8	47.4	71.0





#27

2,4-Dimethylphenol

Concen: 53.725 ng

RT: 9.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

Instrument :

BNA_G

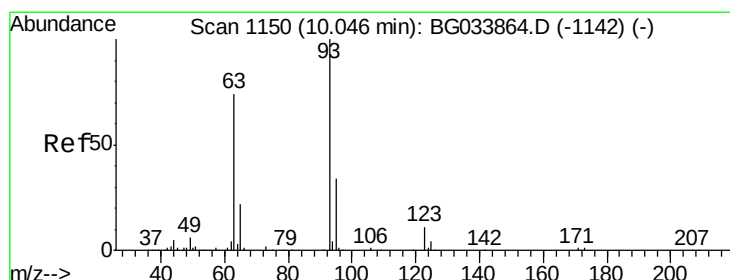
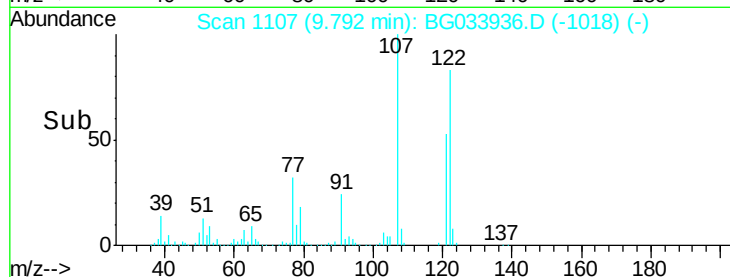
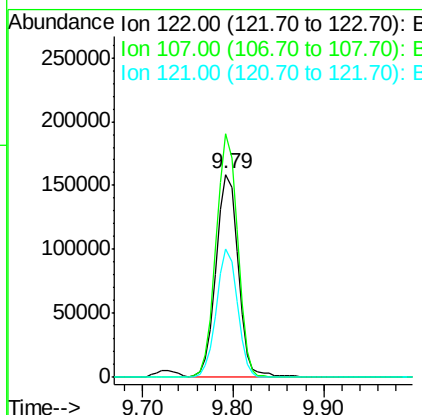
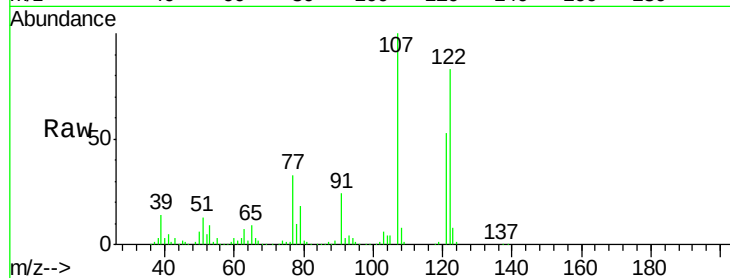
ClientSampleId :

BU-03-042018MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		269335		
107	120.0	100.2	150.2		
121	63.4	44.4	66.6		

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4/24/2018 4:37:38 PM



#28

bis(2-Chloroethoxy)methane

Concen: 47.666 ng

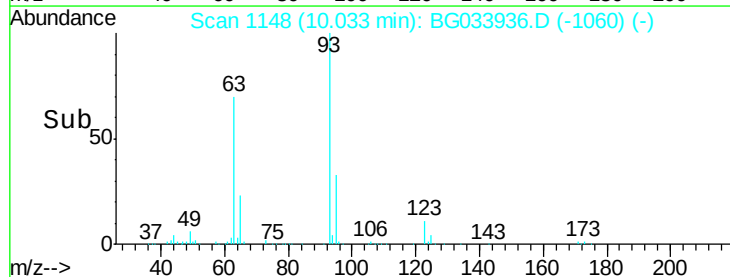
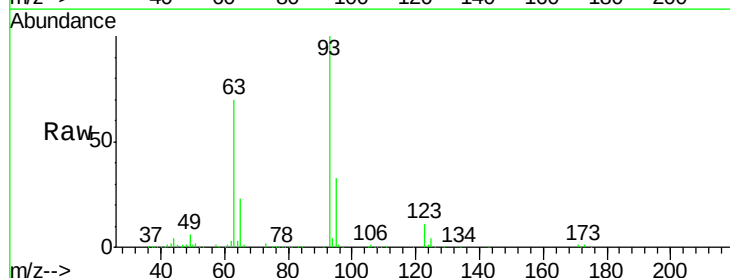
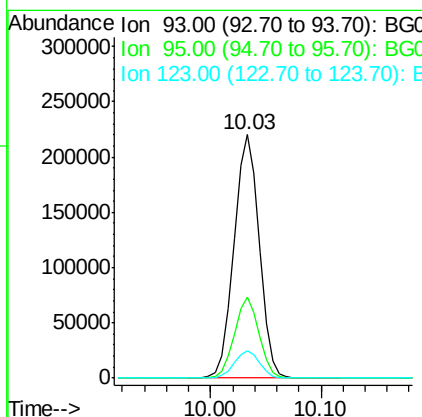
RT: 10.03 min Scan# 1148

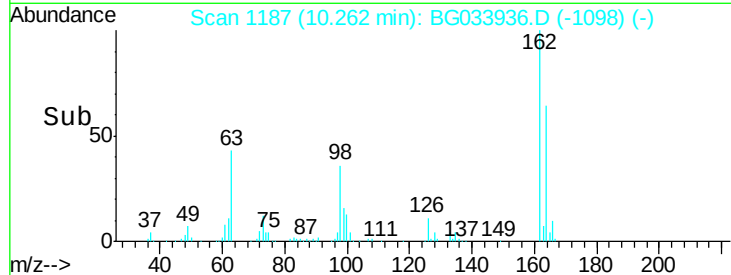
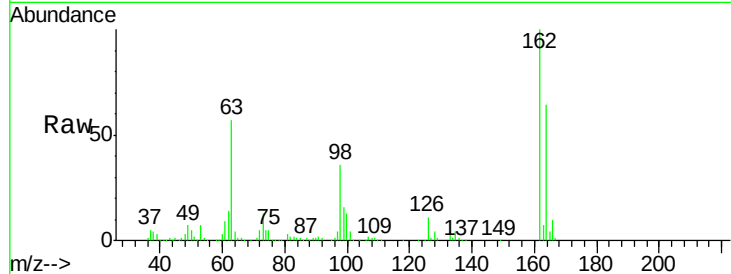
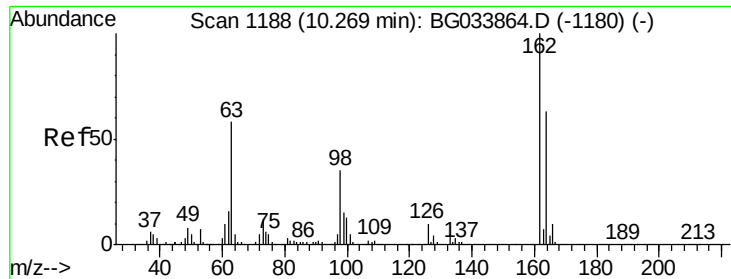
Delta R.T. -0.01 min

Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		352559		
95	33.2	24.3	36.5		
123	11.5	8.4	12.6		





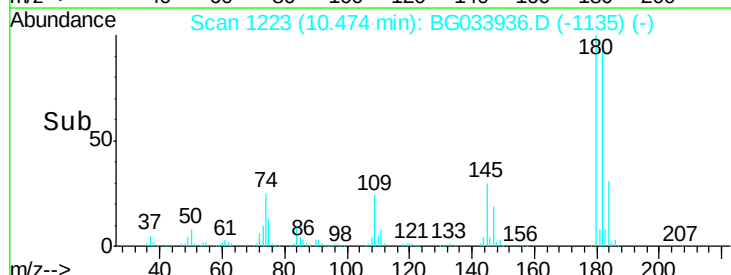
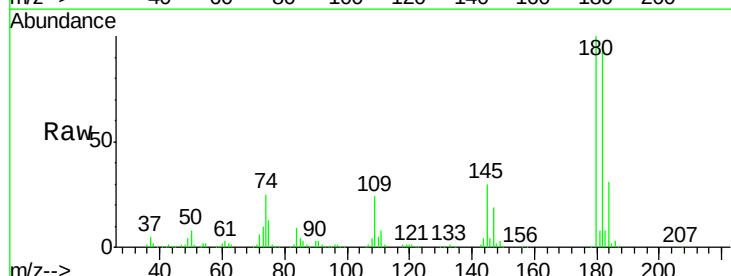
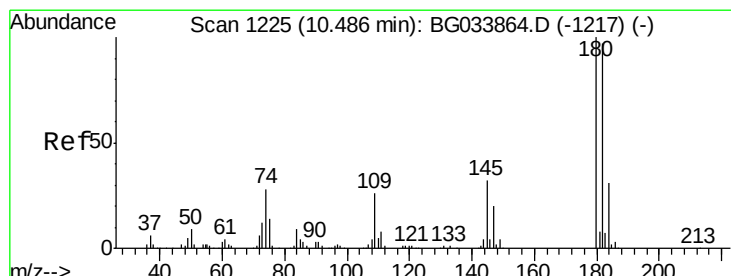
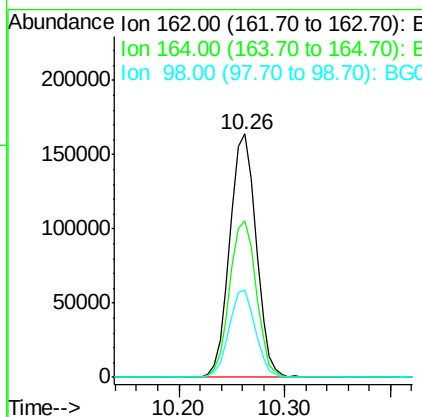
#29
2,4-Dichlorophenol
Concen: 50.558 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	282548		
164	64.2	48.0	88.0	
98	35.8	21.1	61.1	

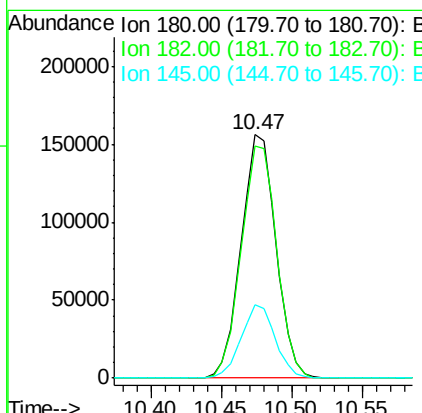
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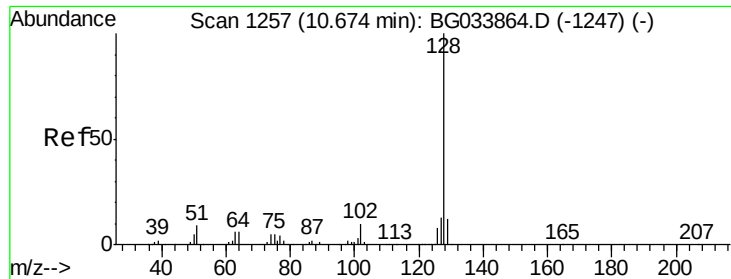
Sohil
4/24/2018 4:37:38 PM



#30
1,2,4-Trichlorobenzene
Concen: 43.101 ng
RT: 10.47 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	269786		
182	95.2	77.5	116.3	
145	30.0	23.4	35.2	





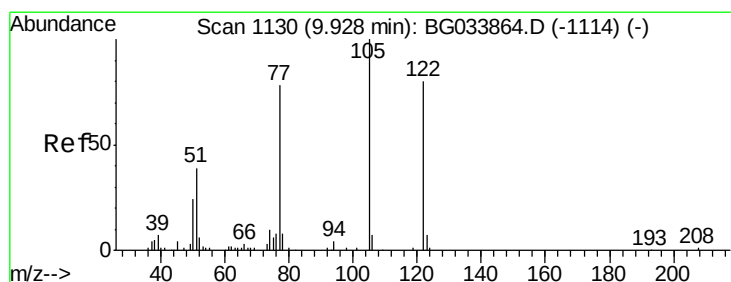
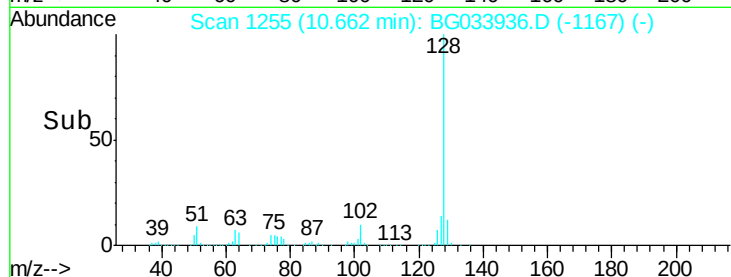
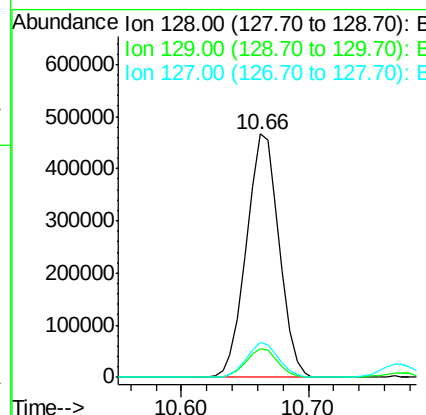
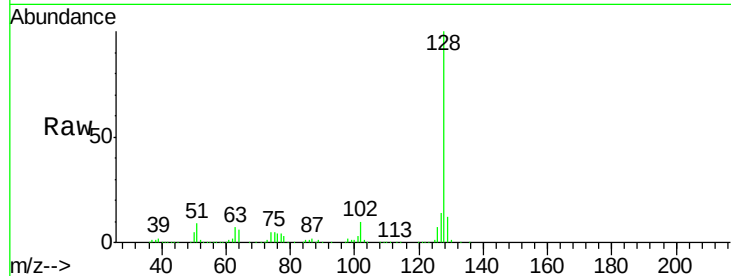
#31
Naphthalene
Concen: 45.914 ng
RT: 10.66 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	14.4	11.6	17.4

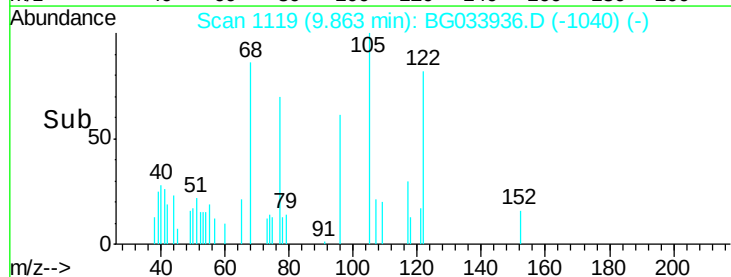
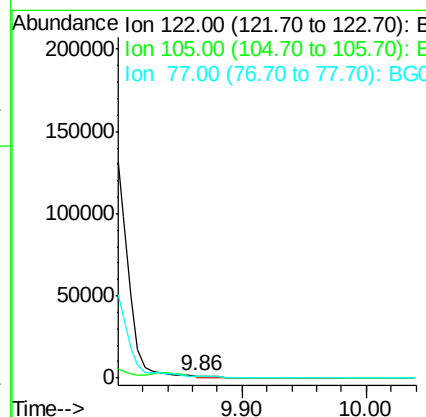
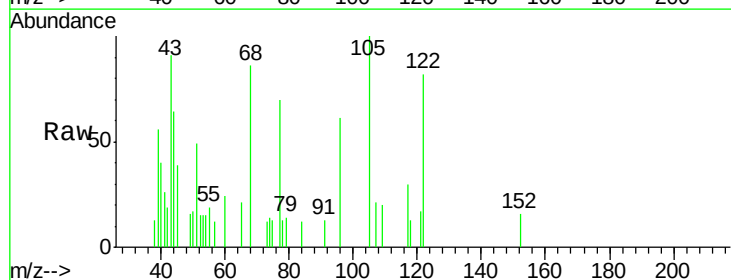
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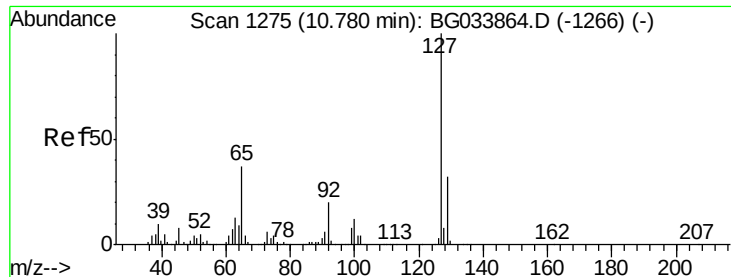
Sohil
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#32
Benzoic acid
Concen: 5.518 ng m
RT: 9.86 min Scan# 1119
Delta R.T. -0.07 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.6	123.5	163.5#
77	85.5	85.7	125.7#





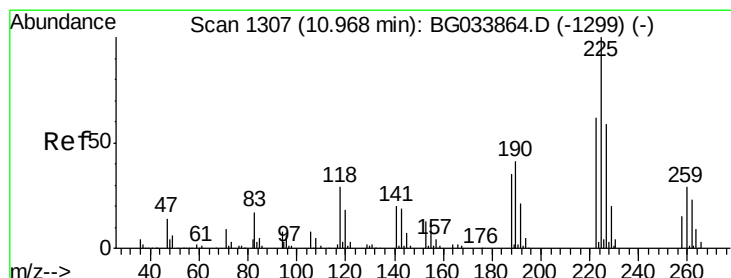
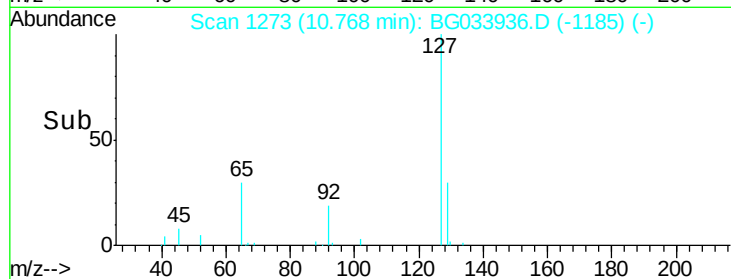
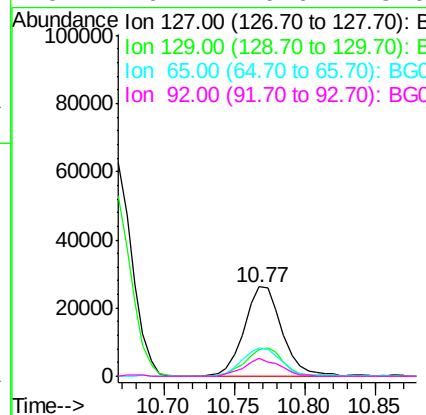
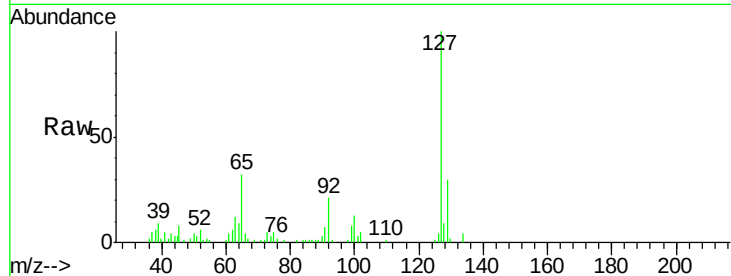
#33
4-Chloroaniline
Concen: 5.750 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.0	24.0	36.0
65	32.0	27.0	40.4
92	20.7	16.6	25.0

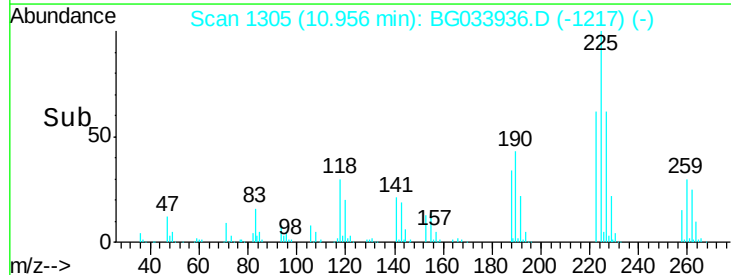
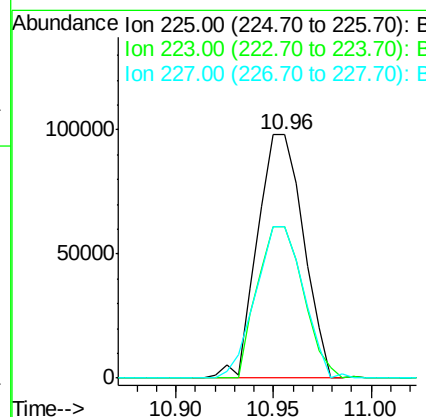
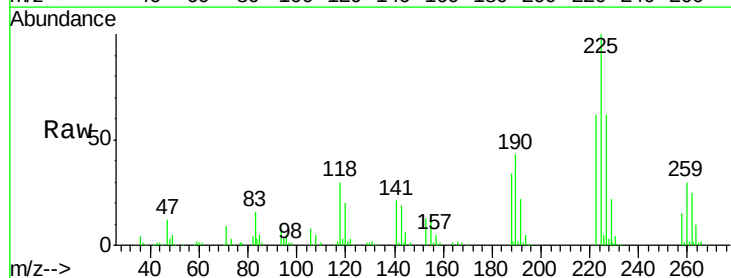
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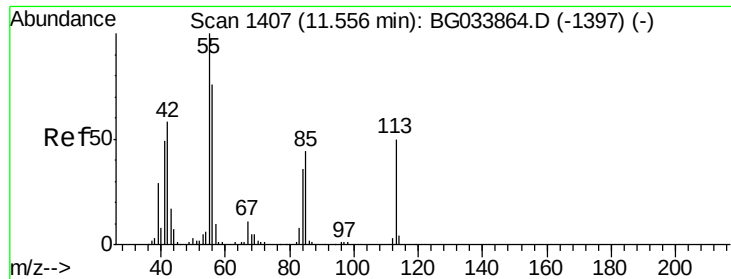
Sohil
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#34
Hexachlorobutadiene
Concen: 42.647 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.6	49.7	74.5
227	62.4	48.1	72.1





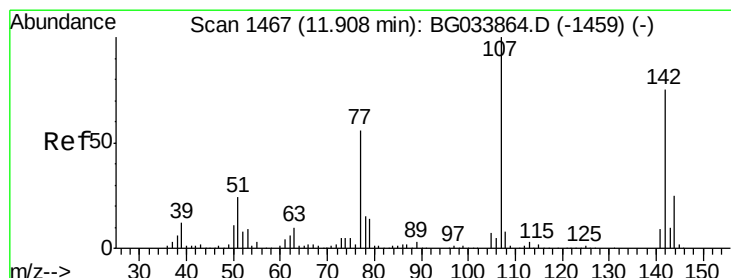
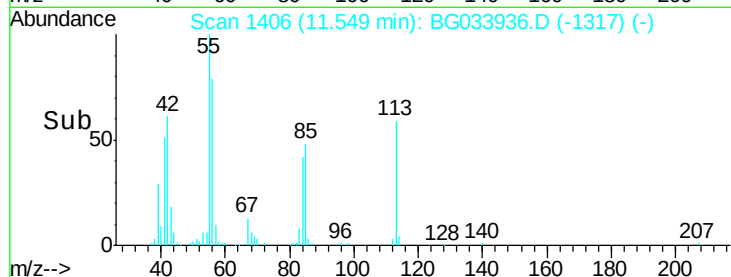
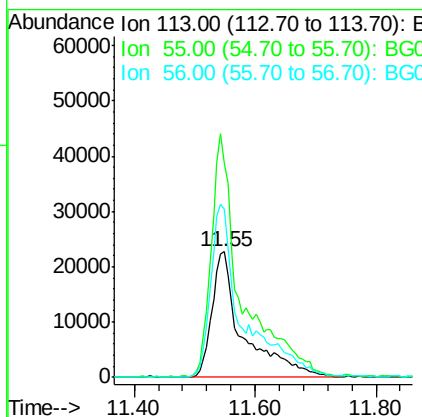
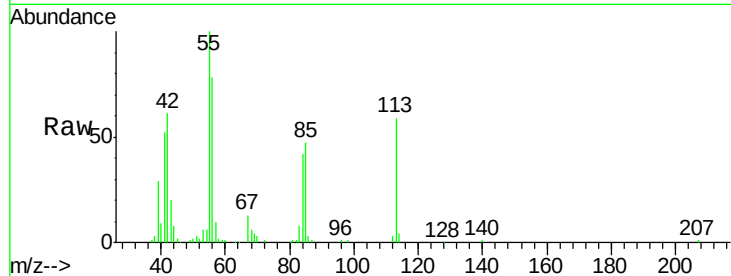
#35
 Caprolactam
 Concen: 33.835 ng
 RT: 11.55 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MSD

Tot Ion:113 Resp: 80392
 Ion Ratio Lower Upper
 113 100
 55 170.8 186.9 226.9#
 56 133.5 130.9 170.9

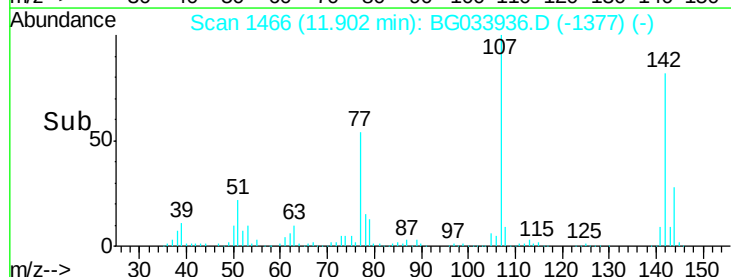
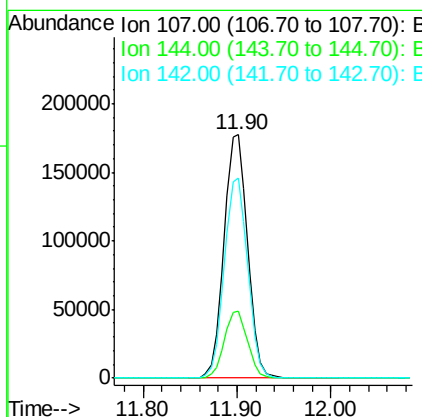
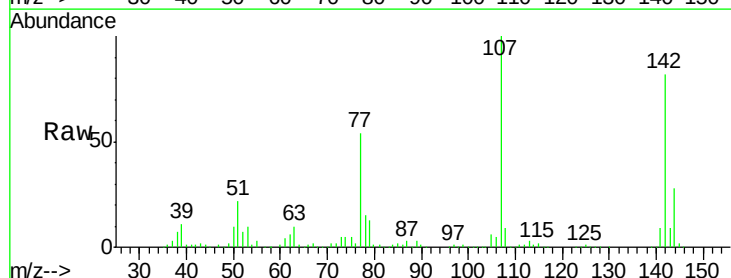
Manual Integrations
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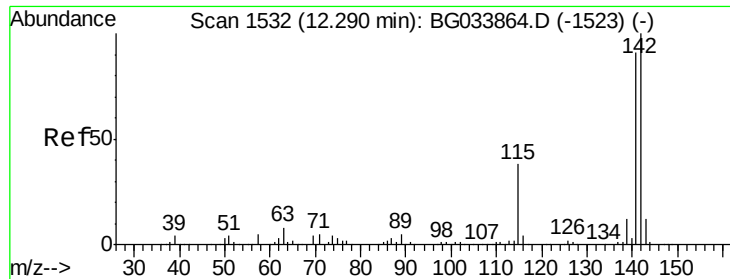
Sohil
 4/24/2018 4:37:38 PM



#36
 4-Chloro-3-methylphenol
 Concen: 45.381 ng
 RT: 11.90 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Tgt Ion:107 Resp: 309540
 Ion Ratio Lower Upper
 107 100
 144 27.8 18.2 27.4#
 142 82.3 59.0 88.4





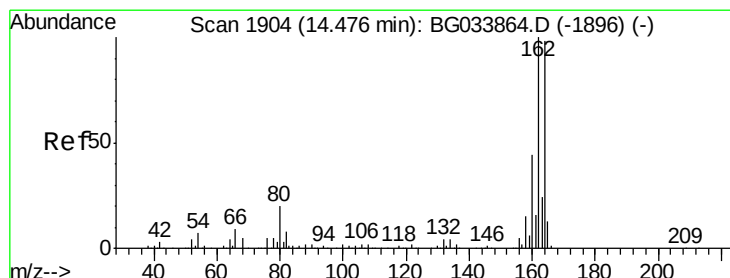
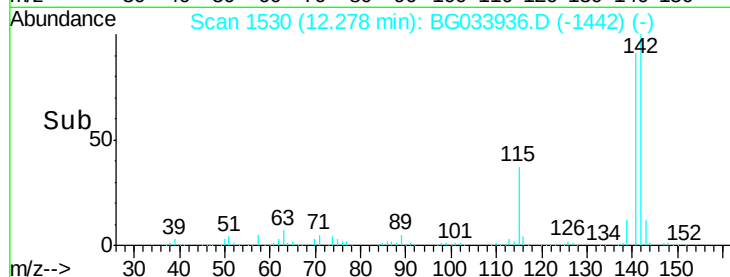
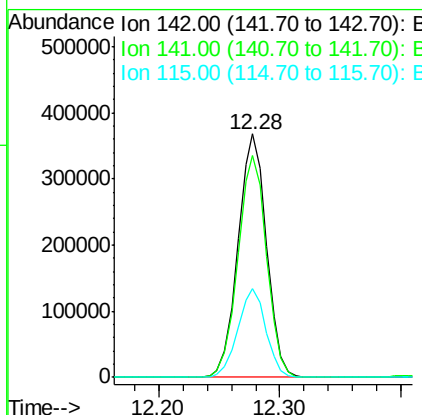
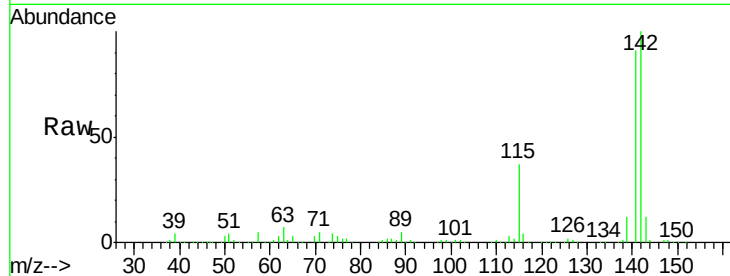
#37
2-Methylnaphthalene
Concen: 43.183 ng
RT: 12.28 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	67.1	100.7
115	36.6	30.7	46.1

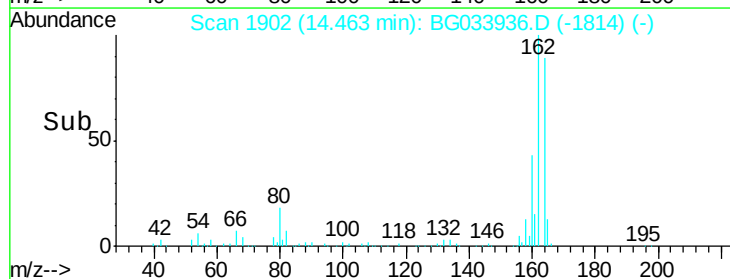
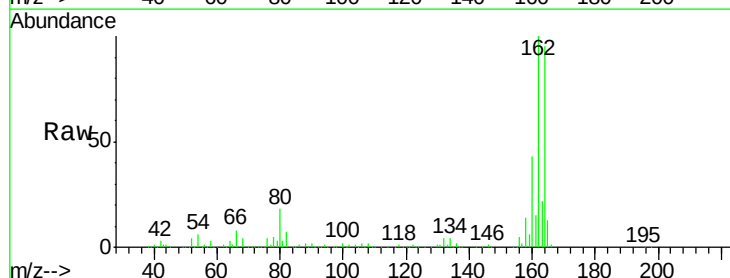
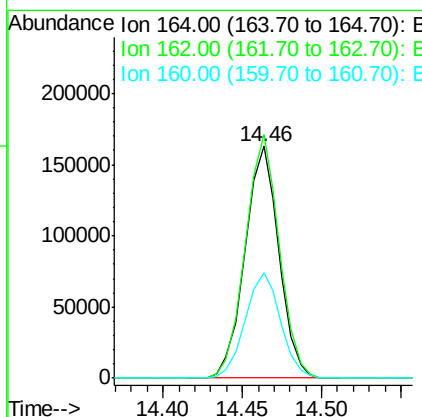
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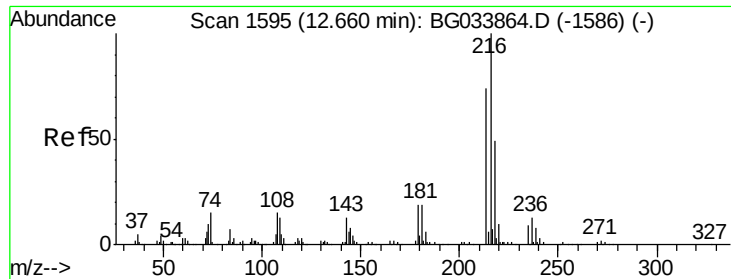
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	78.8	118.2
160	45.4	35.4	53.0





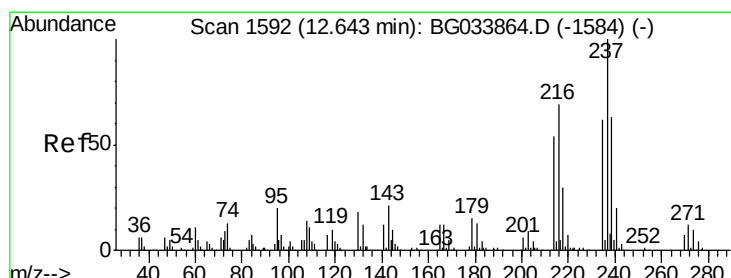
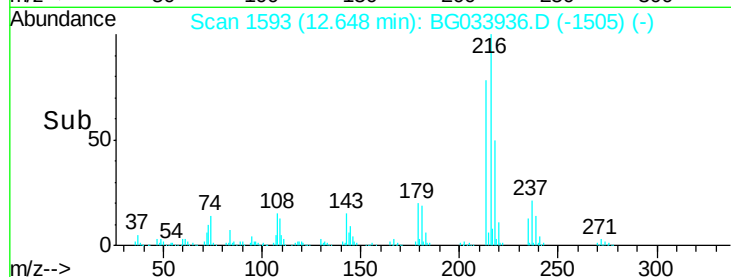
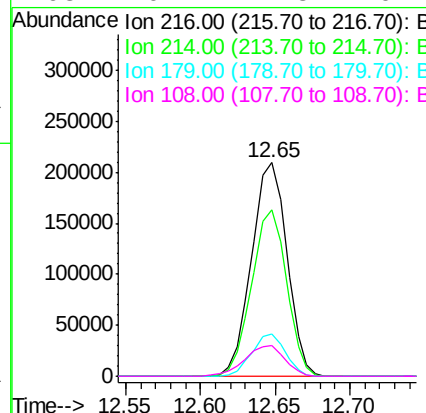
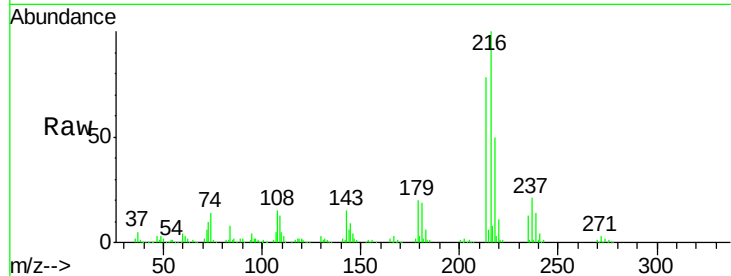
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.880 ng
 RT: 12.65 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		343569		
214	76.8	63.0	94.4		
179	18.9	17.0	25.6		
108	16.2	12.8	19.2		

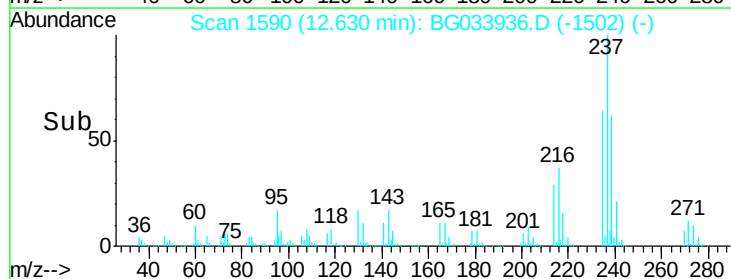
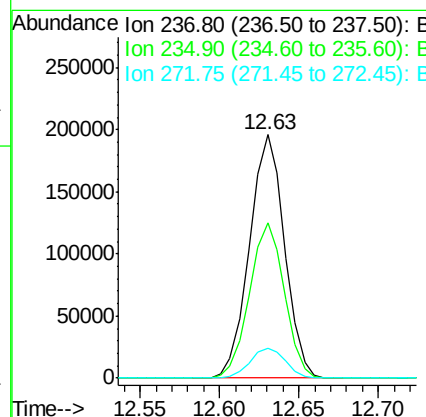
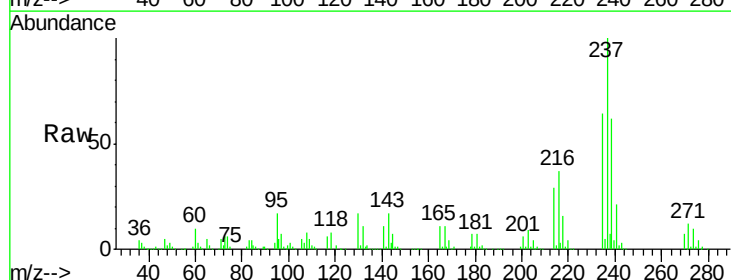
Manual Integrations
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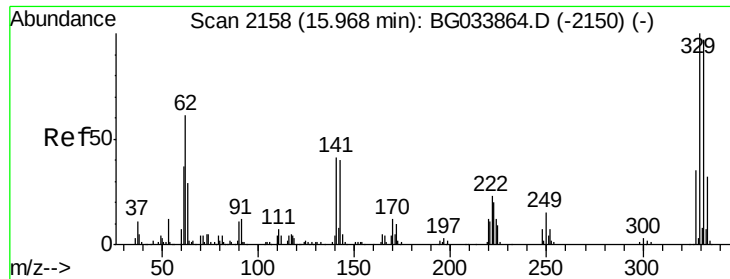
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 68.384 ng
 RT: 12.63 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		301266		
235	63.5	50.4	90.4		
272	12.4	0.0	31.8		





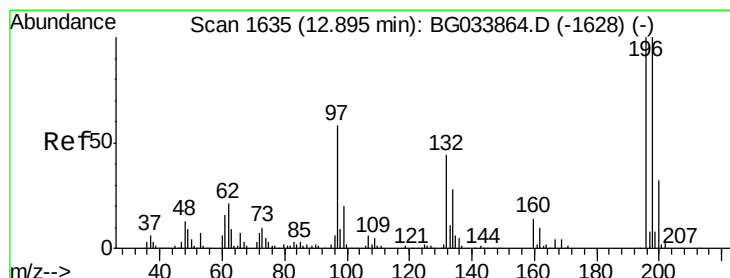
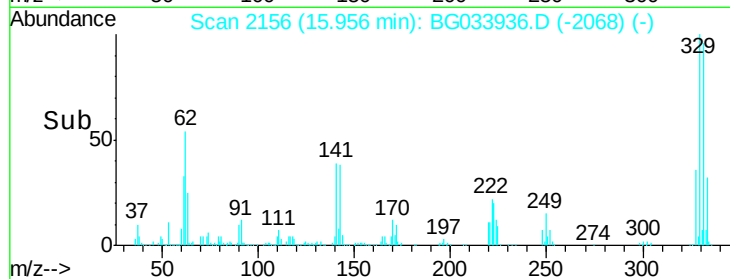
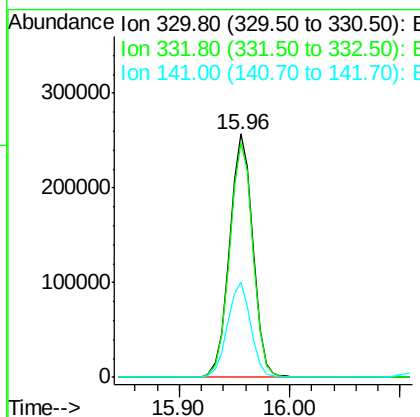
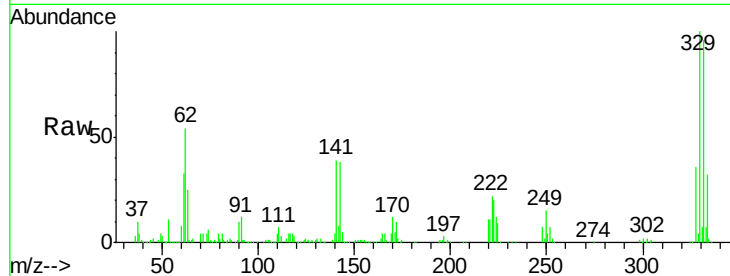
#41
 2,4,6-Tribromophenol
 Concen: 135.405 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	77.0	115.6	
141	38.7	25.2	37.8	

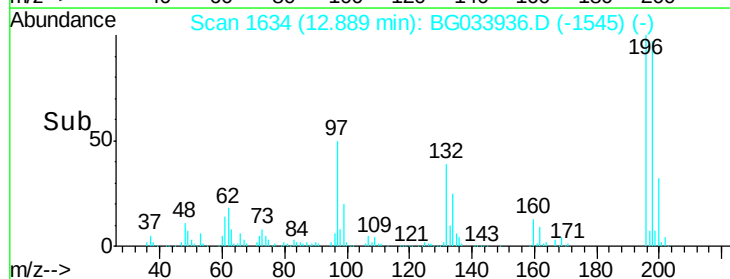
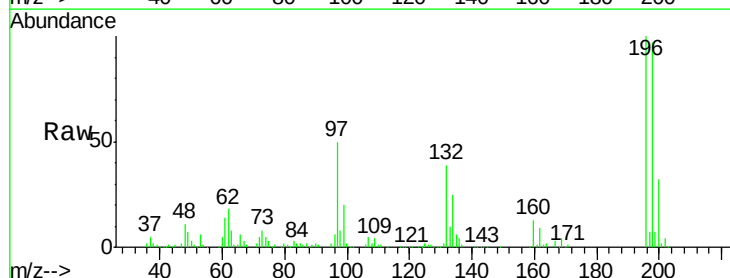
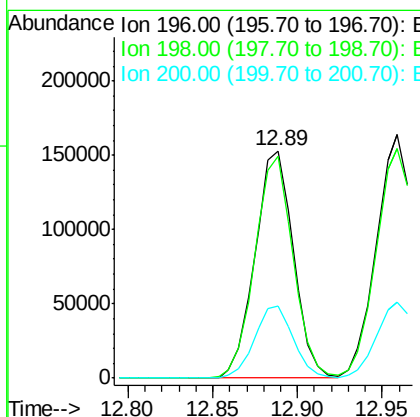
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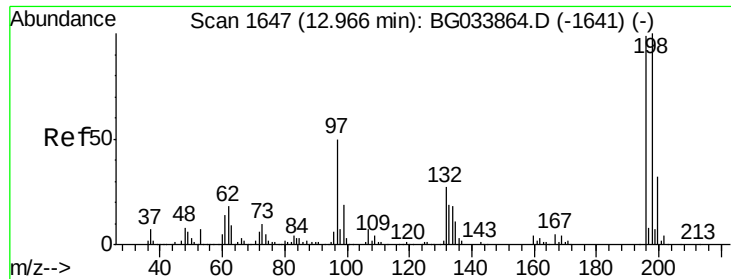
Sohil
 4/24/2018 4:37:38 PM



#42
 2,4,6-Trichlorophenol
 Concen: 49.486 ng
 RT: 12.89 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.3	78.2	117.2	
200	33.4	24.6	36.8	





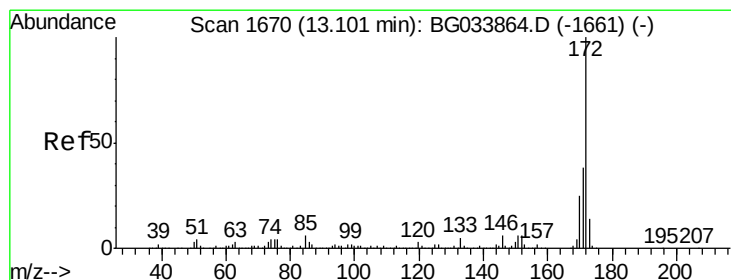
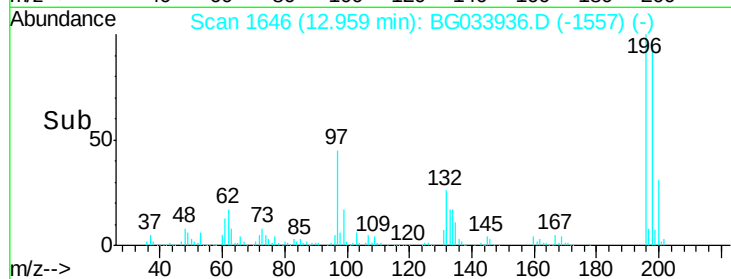
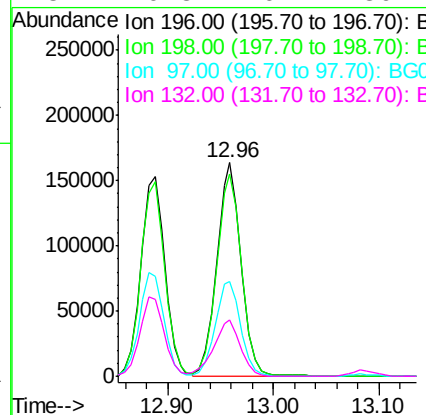
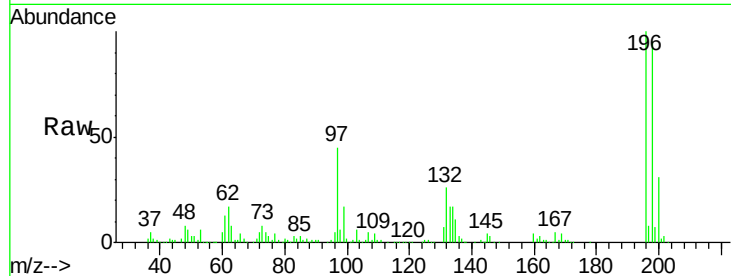
#43
 2,4,5-Trichlorophenol
 Concen: 46.842 ng
 RT: 12.96 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	263074		
198	94.5	76.2	114.4	
97	44.6	38.7	58.1	
132	26.3	20.2	30.2	

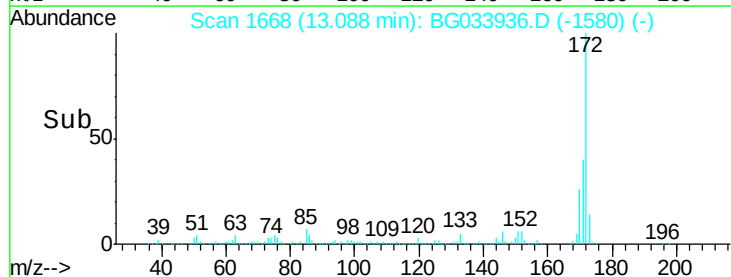
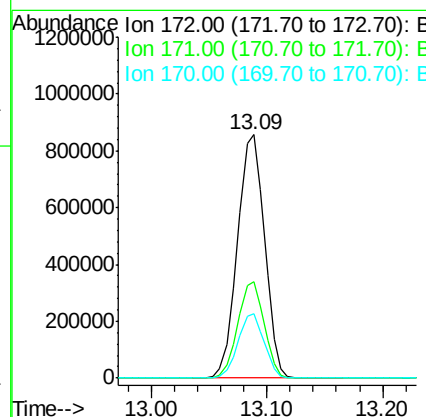
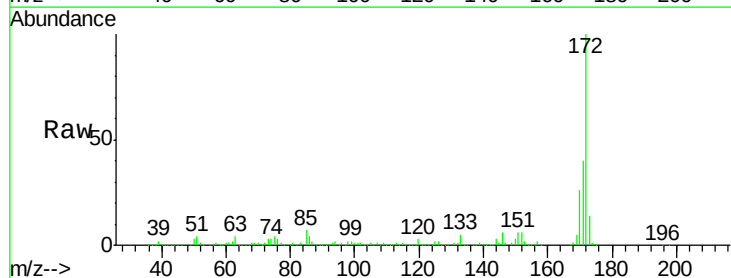
Manual Integrations
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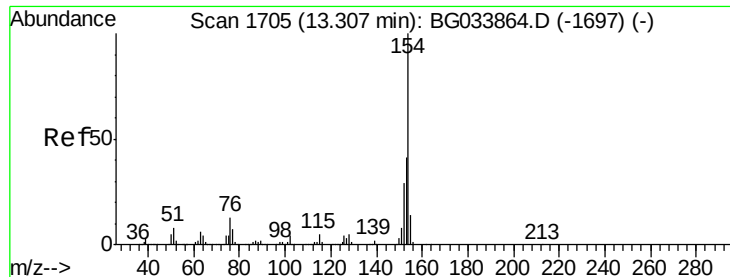
Sohil
 4/24/2018 4:37:38 PM



#44
 2-Fluorobiphenyl
 Concen: 84.537 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1388536		
171	39.6	30.0	45.0	
170	26.3	19.5	29.3	





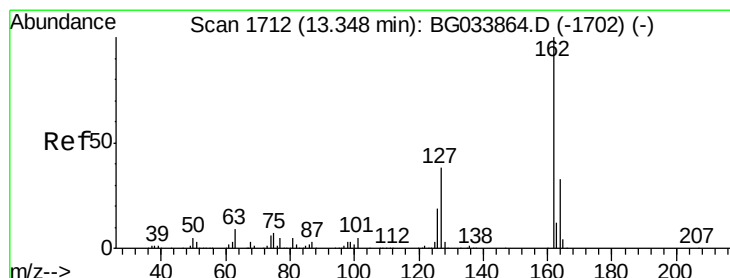
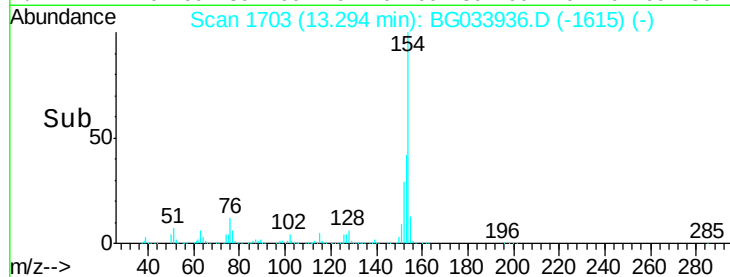
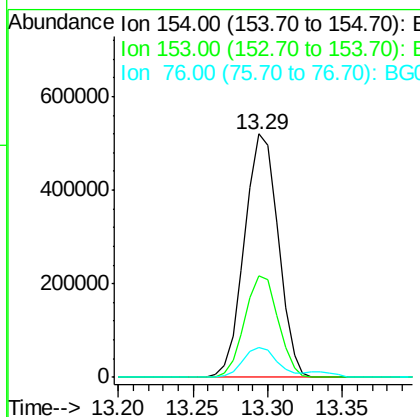
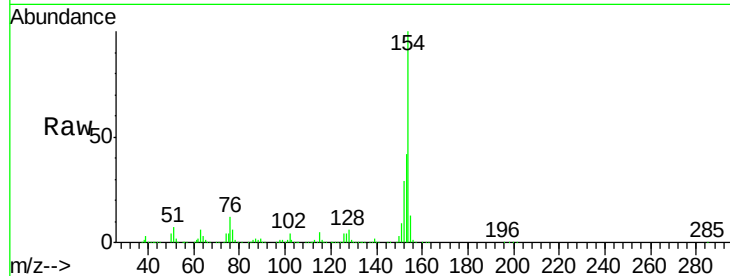
#45
 1,1'-Biphenyl
 Concen: 41.756 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MSD

Tot Ion:	154	Resp:	815587
Ion Ratio	Lower	Upper	
154	100		
153	41.8	19.8	59.8
76	12.4	0.0	31.9

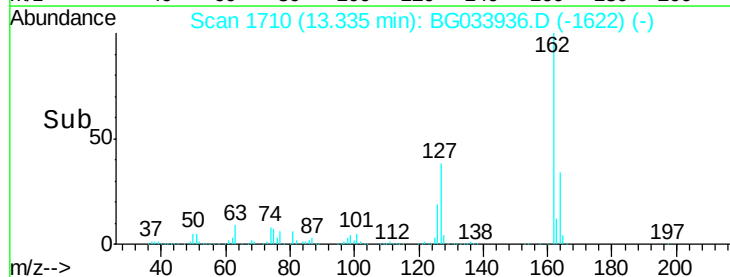
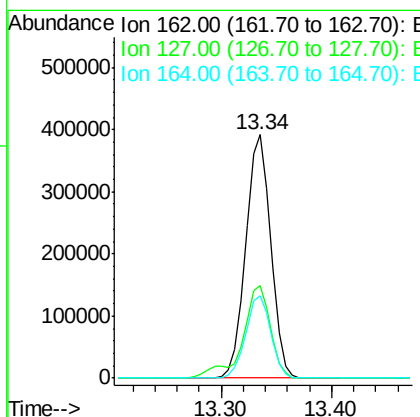
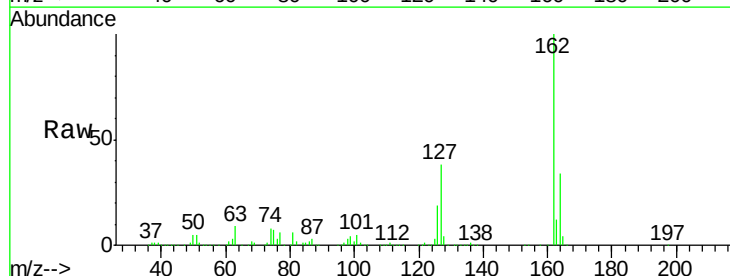
Manual Integrations
 APPROVED

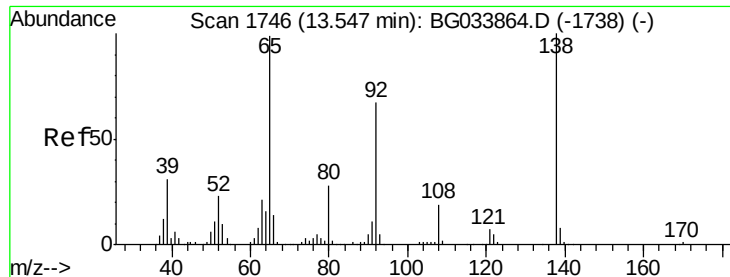
Sohil
 4/24/2018 4:37:38 PM



#46
 2-Chloronaphthalene
 Concen: 42.090 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Tgt Ion:	162	Resp:	623367
Ion Ratio	Lower	Upper	
162	100		
127	38.2	30.7	46.1
164	33.9	26.0	39.0





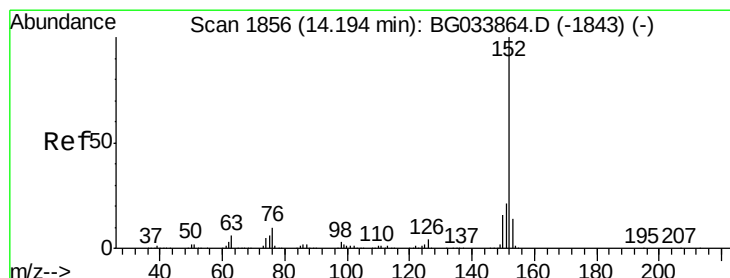
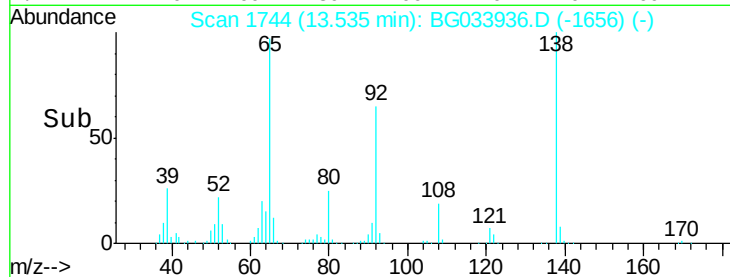
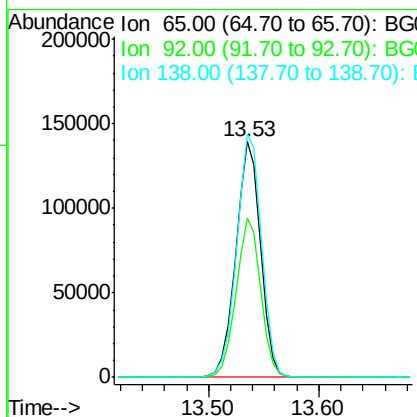
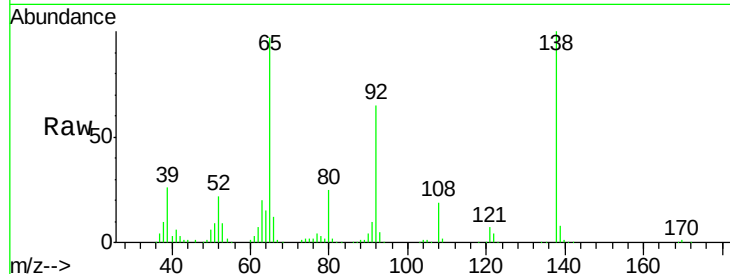
#47
2-Nitroaniline
Concen: 47.235 ng
RT: 13.53 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.6	54.6	82.0
138	103.3	72.9	109.3

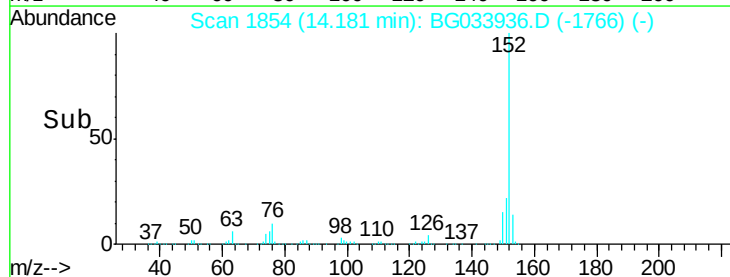
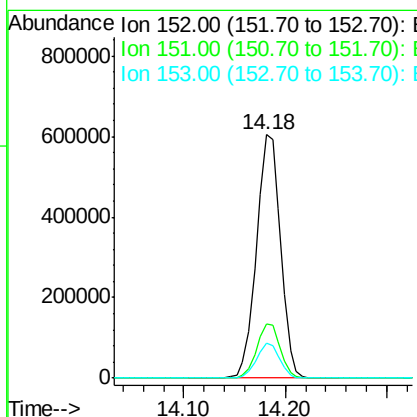
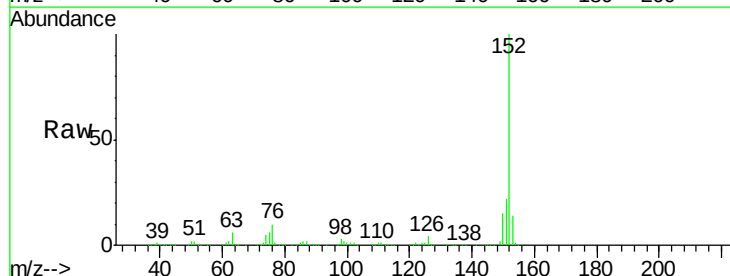
Manual Integrations
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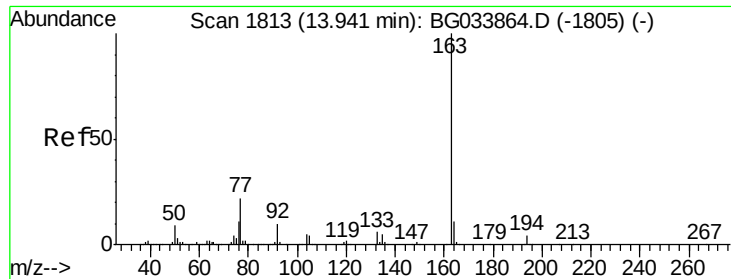
Sohil
4/24/2018 4:37:38 PM



#48
Acenaphthylene
Concen: 40.337 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.2	25.8
153	14.1	10.2	15.4





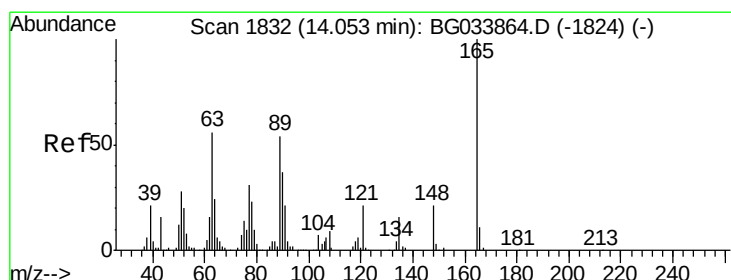
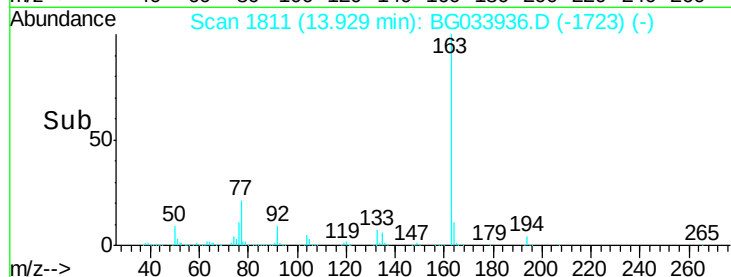
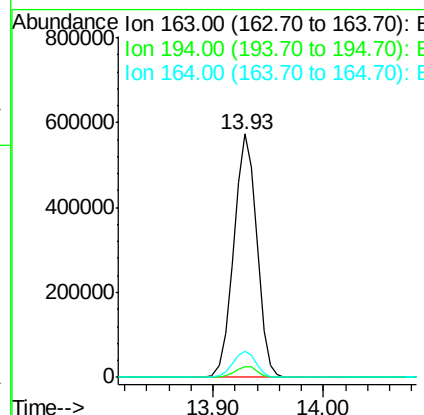
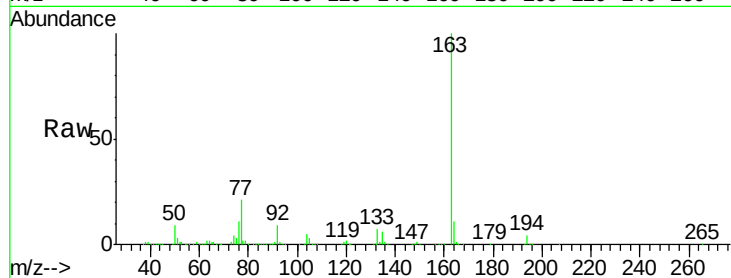
#49
Dimethylphthalate
Concen: 39.512 ng
RT: 13.93 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	838655		
194	4.4		3.4	5.2
164	10.6		8.2	12.4

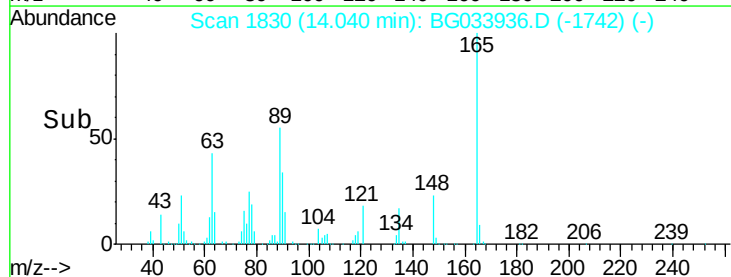
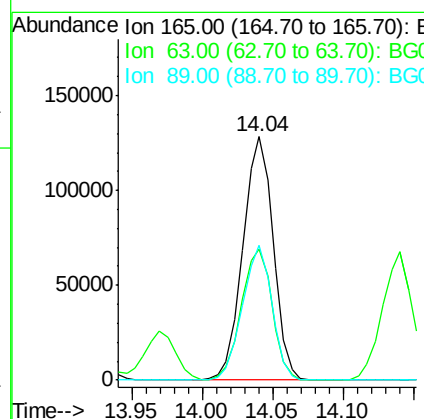
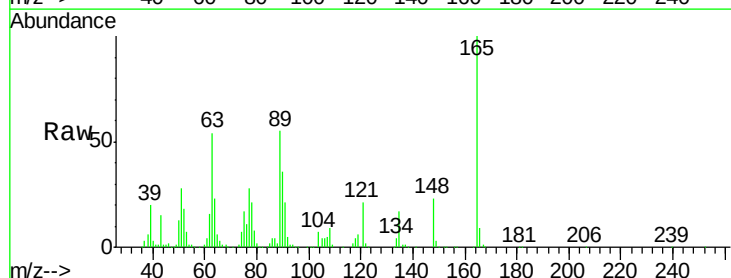
Manual Integrations
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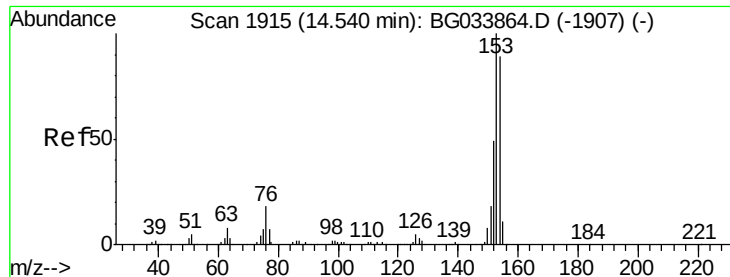
Sohil
4/24/2018 4:37:38 PM



#50
2,6-Dinitrotoluene
Concen: 47.814 ng
RT: 14.04 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	192324		
63	53.7		52.7	79.1
89	55.3		49.2	73.8





#51

Acenaphthene

Concen: 40.028 ng

RT: 14.53 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

Instrument :

BNA_G

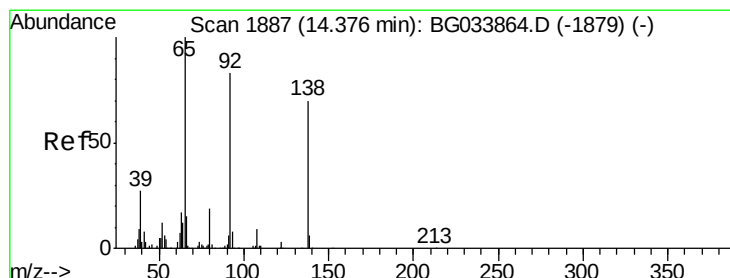
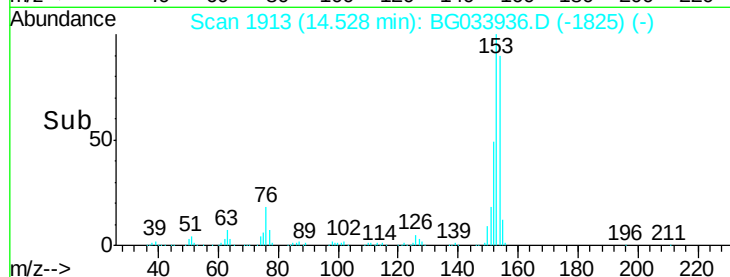
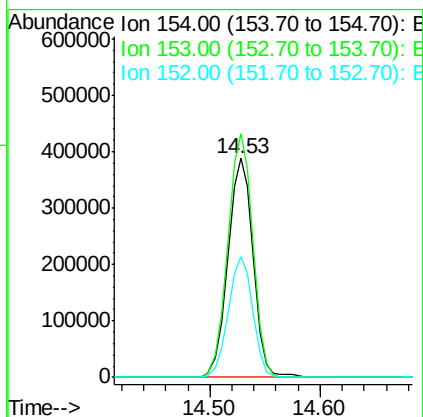
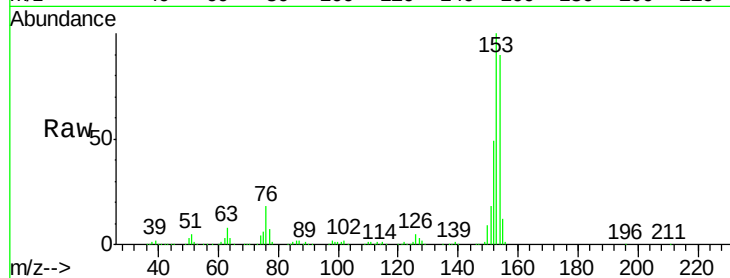
ClientSampleId :

BU-03-042018MSD

Tot Ion:	154	Resp:	619032
Ion Ratio	Lower	Upper	
154	100		
153	111.2	90.4	135.6
152	54.9	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 13.695 ng

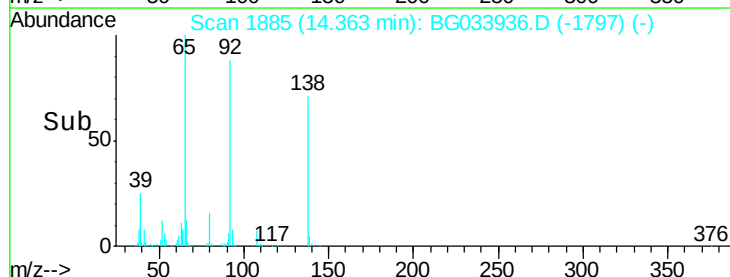
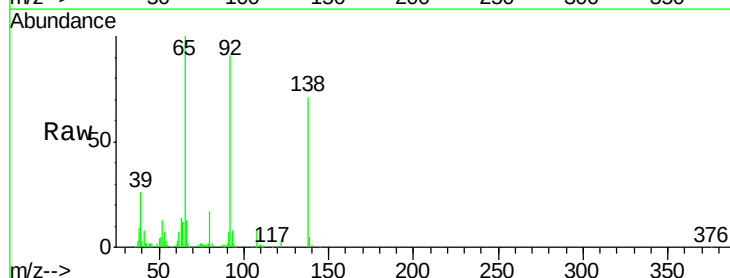
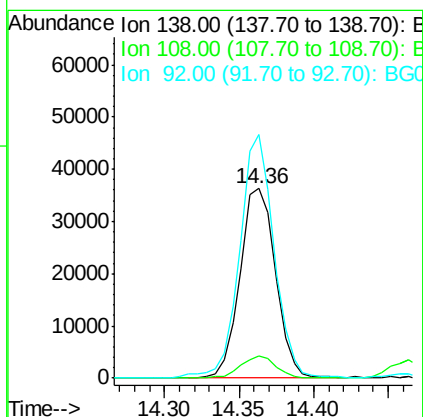
RT: 14.36 min Scan# 1885

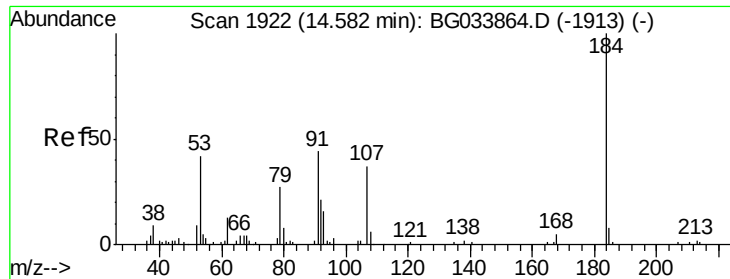
Delta R.T. -0.01 min

Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

Tgt Ion:	138	Resp:	59814
Ion Ratio	Lower	Upper	
138	100		
108	11.5	17.5	26.3#
92	128.4	105.8	158.8





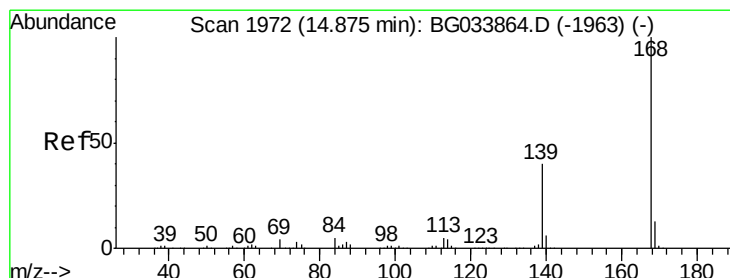
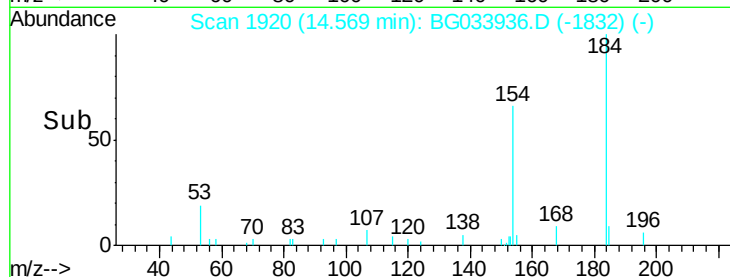
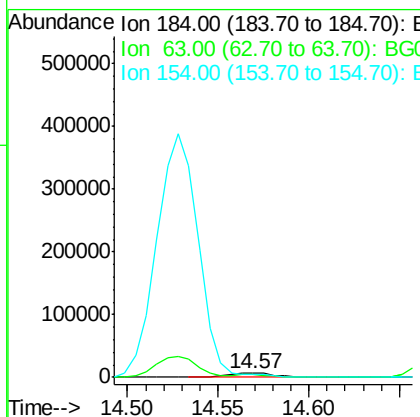
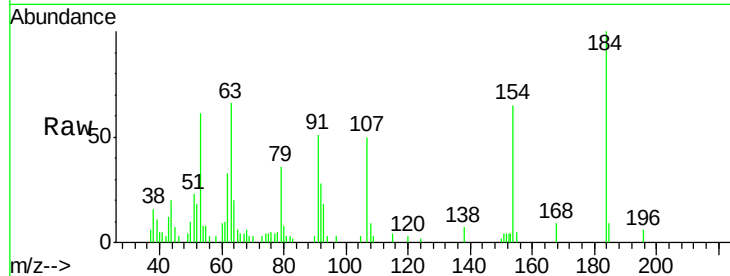
#53
 2,4-Dinitrophenol
 Concen: 8.238 ng
 RT: 14.57 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	65.7	59.8	89.8
154	64.9	101.8	152.8#

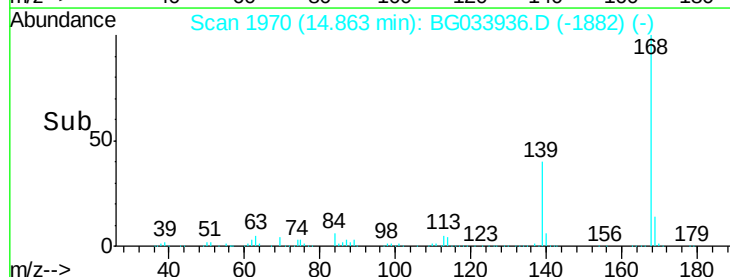
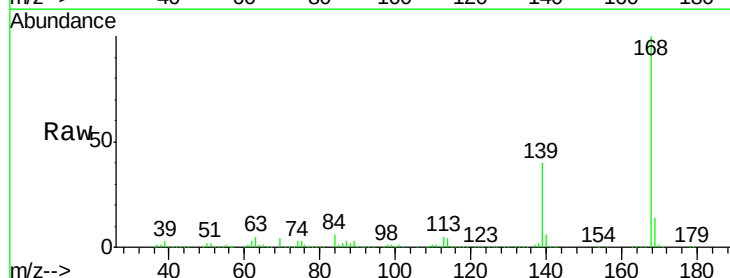
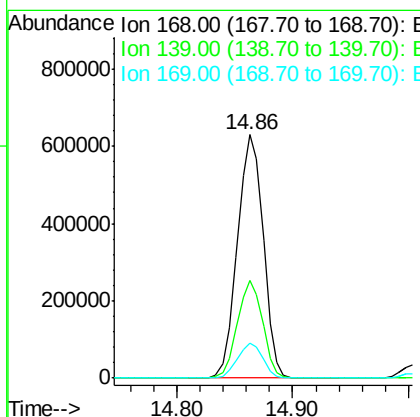
Manual Integrations
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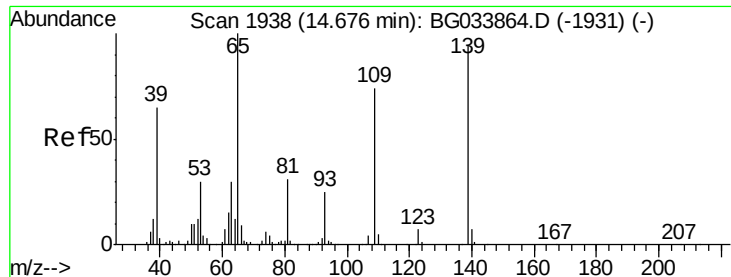
Sohil
 4/24/2018 4:37:38 PM



#54
 Dibenzofuran
 Concen: 42.518 ng
 RT: 14.86 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.0	28.6	43.0
169	14.3	11.2	16.8





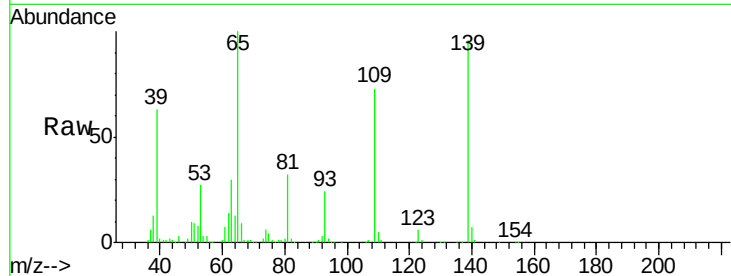
#55
4-Nitrophenol
Concen: 70.620 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	241909		
109	76.4	62.2	102.2	
65	104.2	97.2	137.2	

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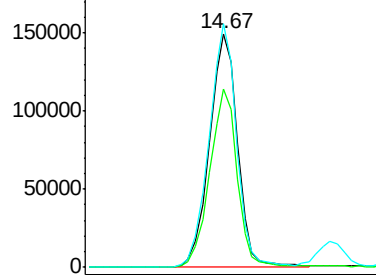


Abundance

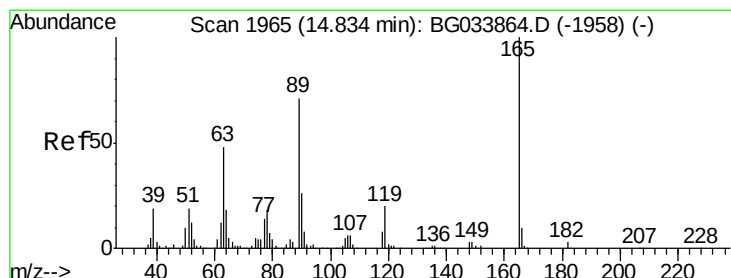
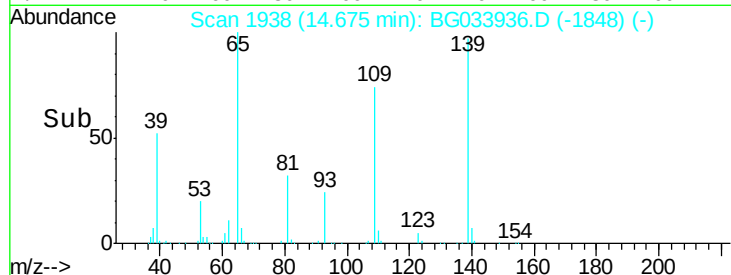
Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



Time-->



#56
2,4-Dinitrotoluene
Concen: 49.382 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	264139		
63	42.8	42.0	63.0	
89	66.5	66.9	100.3#	
182	2.8	2.6	3.8	

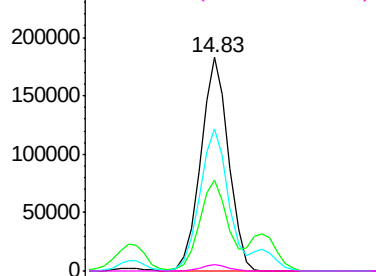
Abundance

Ion 165.00 (164.70 to 165.70): E

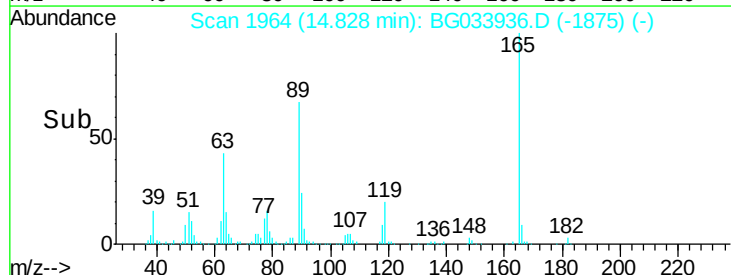
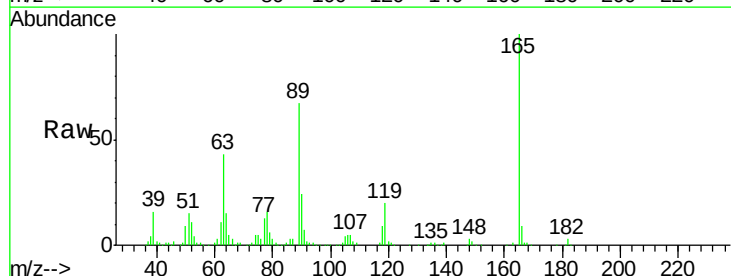
Ion 63.00 (62.70 to 63.70): BGC

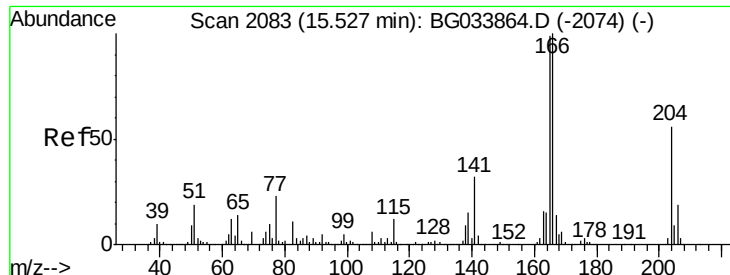
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



Time-->





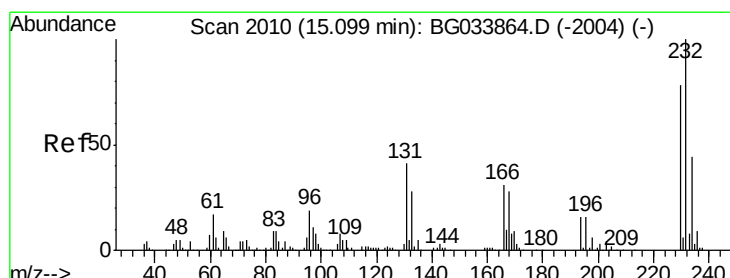
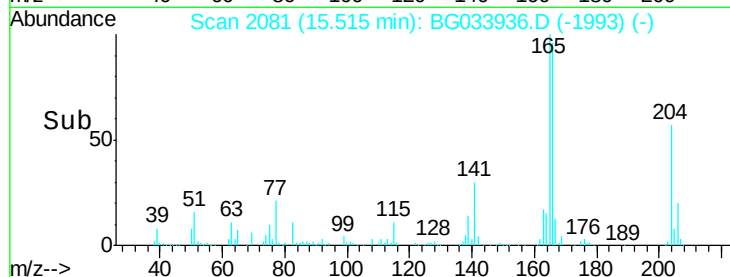
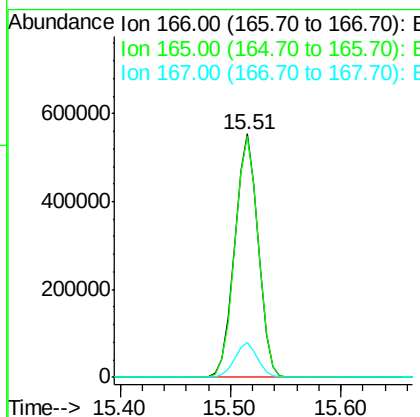
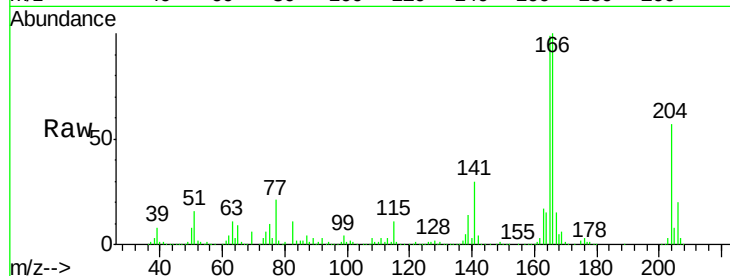
#57
 Fluorene
 Concen: 41.416 ng
 RT: 15.51 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	821726		
165	99.1	80.6	121.0	
167	14.6	10.4	15.6	

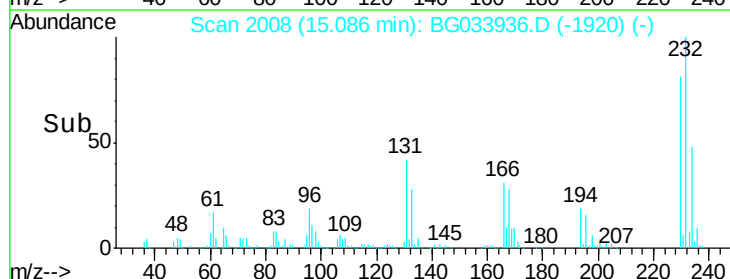
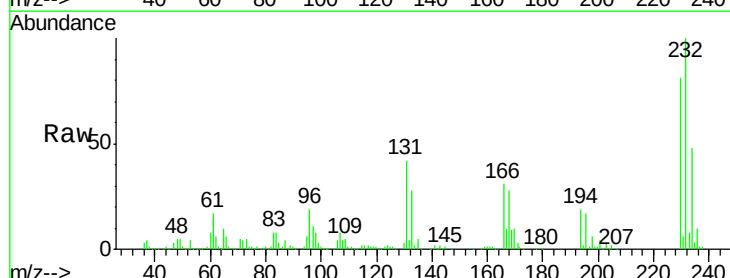
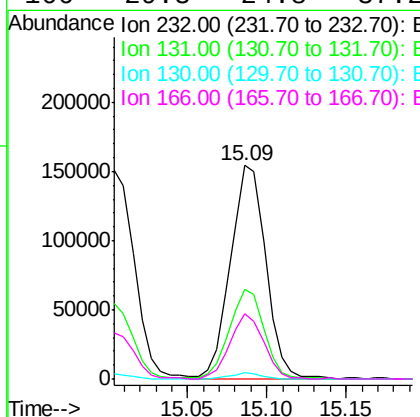
Manual Integrations
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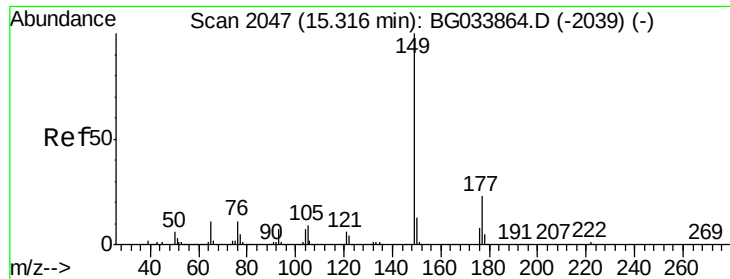
Sohil
 4/24/2018 4:37:38 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.519 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	239211		
131	41.3	33.5	50.3	
130	2.6	2.2	3.2	
166	29.3	24.8	37.2	





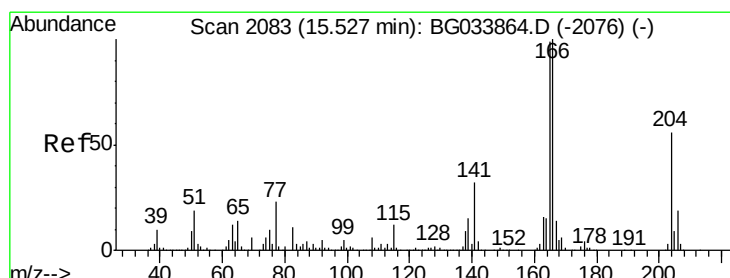
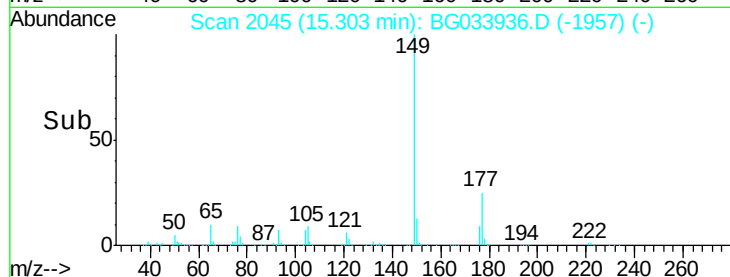
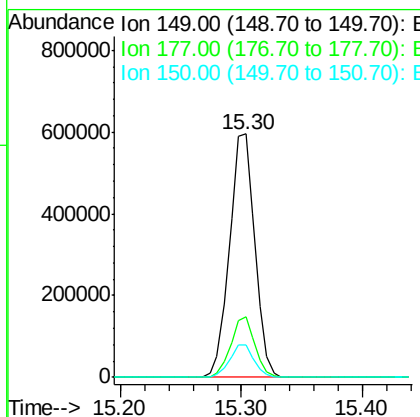
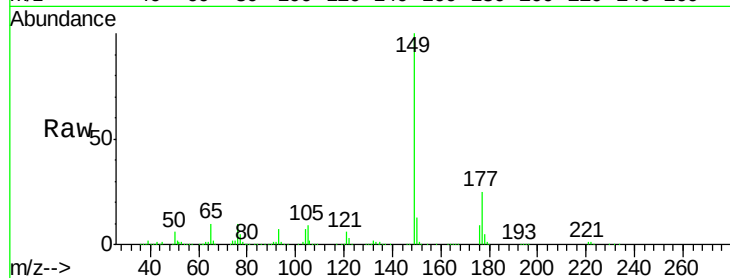
#59
Diethylphthalate
Concen: 38.598 ng
RT: 15.30 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.9	18.5	27.7
150	13.1	10.2	15.2

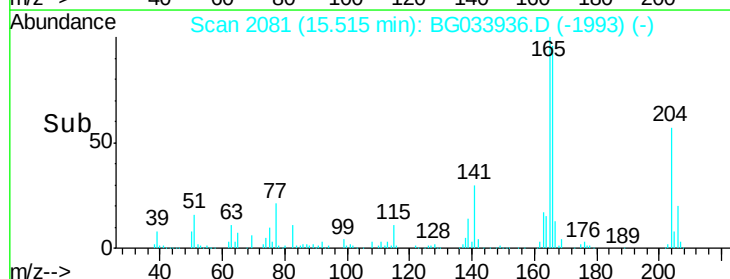
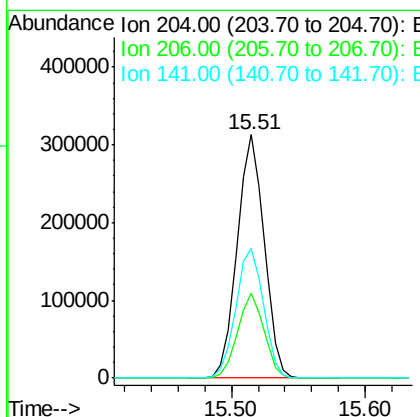
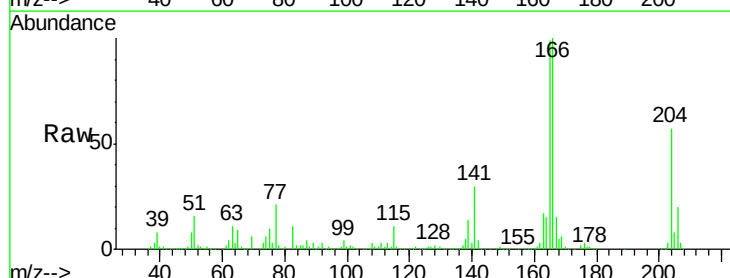
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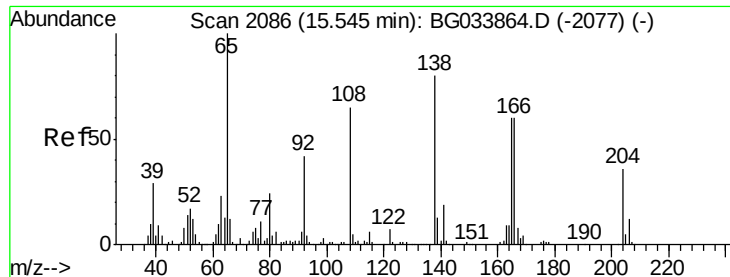
Sohil
4/24/2018 4:37:38 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.262 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.6	26.2	39.2
141	53.2	45.8	68.6





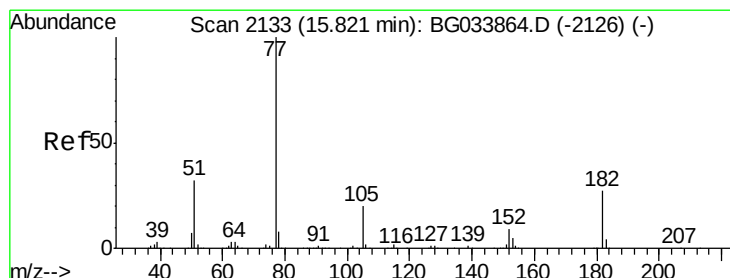
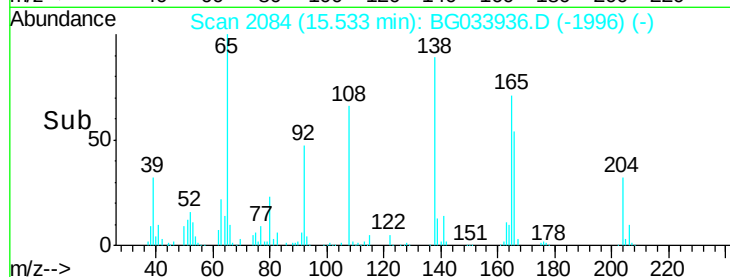
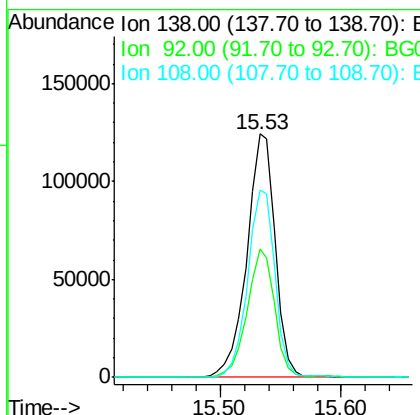
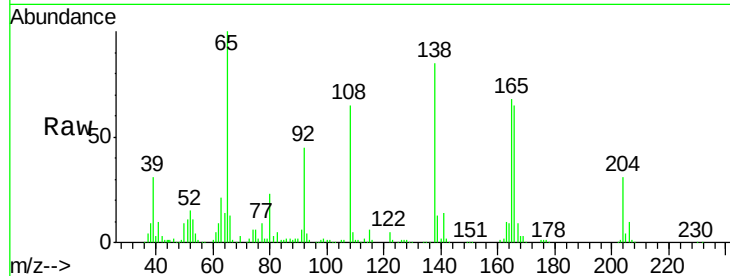
#61
4-Nitroaniline
Concen: 43.817 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.0	40.1	80.1
108	76.9	65.4	105.4

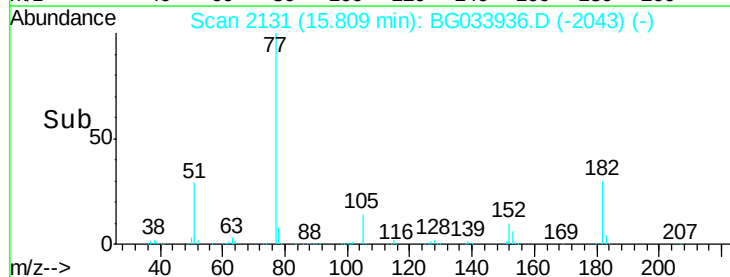
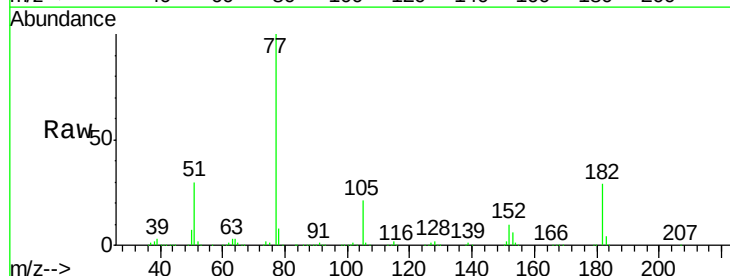
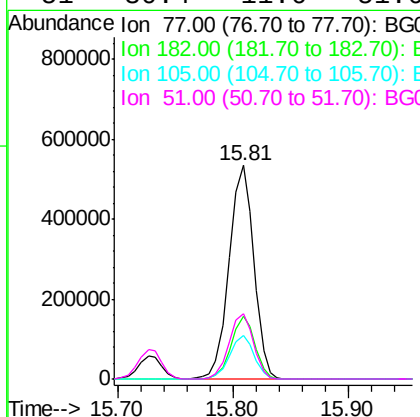
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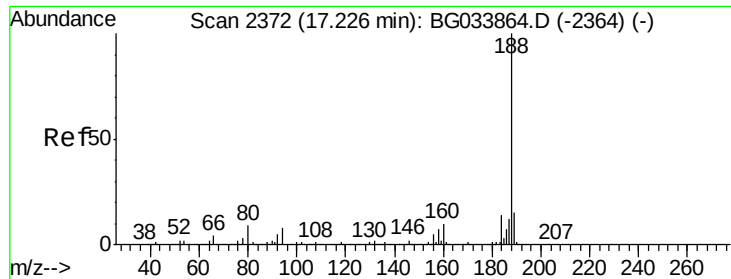
Sohil
4/24/2018 4:37:38 PM



#62
Azobenzene
Concen: 39.415 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.2	7.4	47.4
105	20.6	0.3	40.3
51	30.4	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2370

Delta R.T. -0.01 min

Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

Instrument :

BNA_G

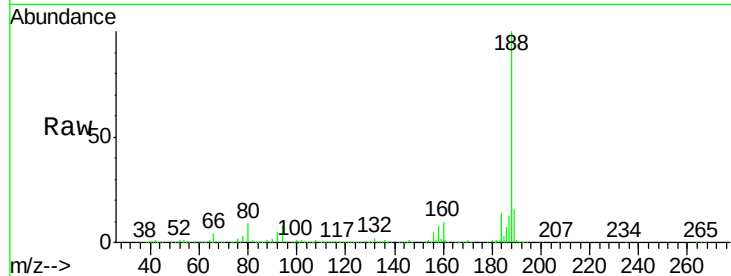
ClientSampleId :

BU-03-042018MSD

Tot Ion:188	Resp:	597255
Ion Ratio	Lower	Upper
188 100		
94 7.9	6.9	10.3
80 9.3	7.7	11.5

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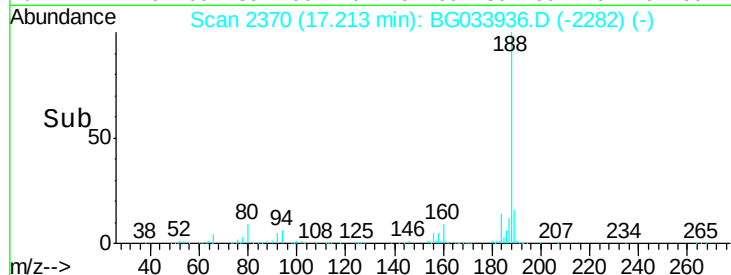


Abundance Ion 188.00 (187.70 to 188.70): E

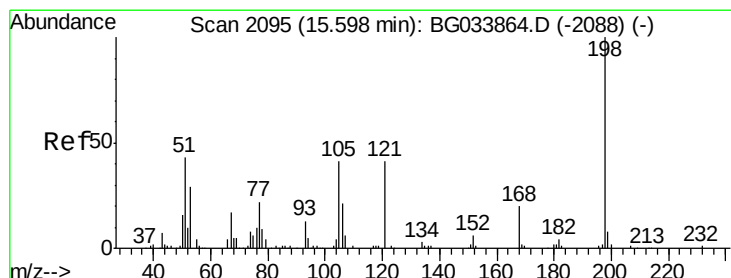
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 13.064 ng

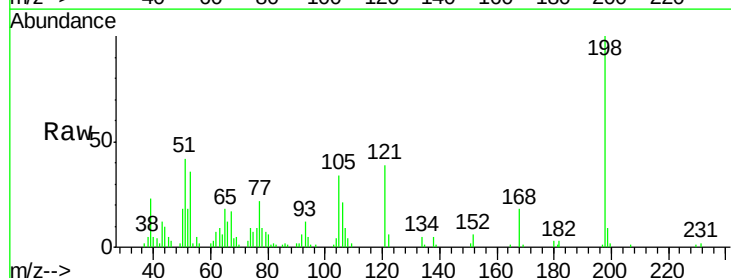
RT: 15.59 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

Tgt Ion:198	Resp:	21864
Ion Ratio	Lower	Upper
198 100		
51 41.9	30.6	70.6
105 33.7	23.8	63.8

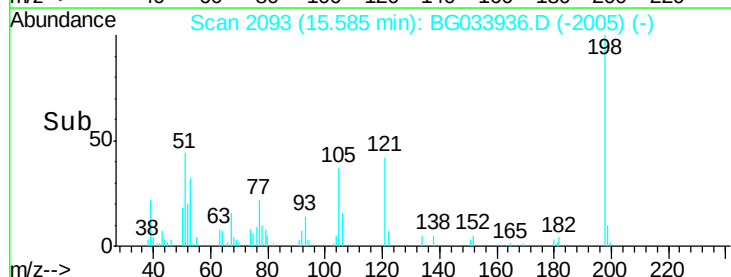


Abundance Ion 198.00 (197.70 to 198.70): E

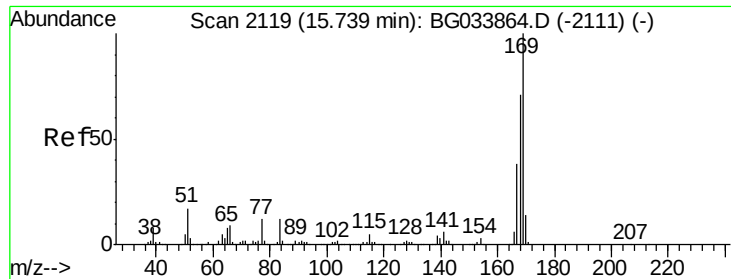
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



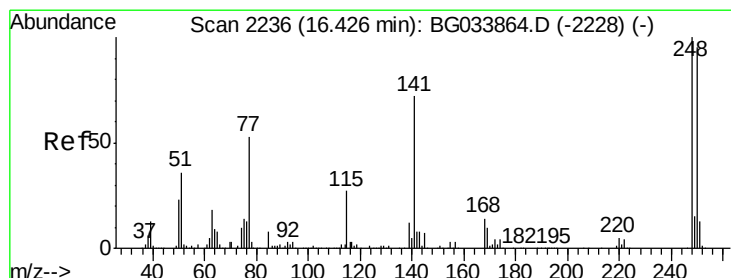
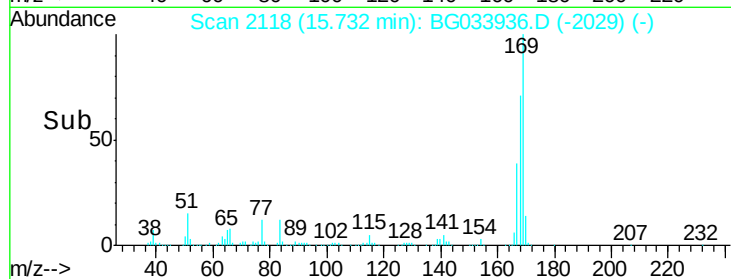
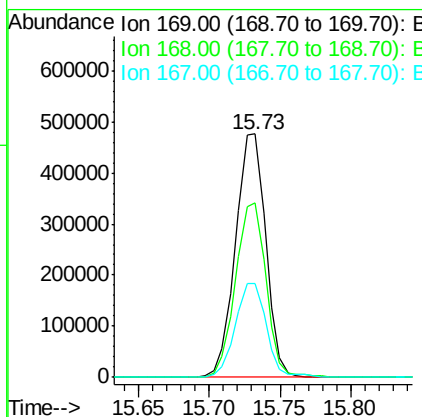
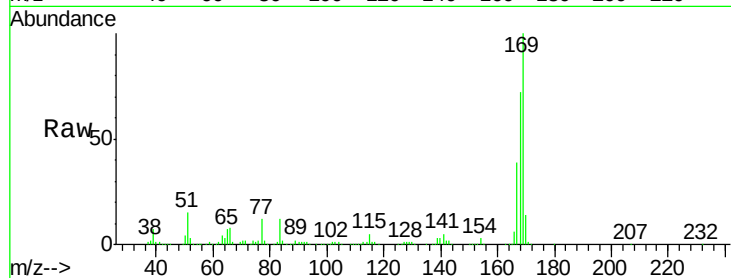
#65
n-Nitrosodiphenylamine
Concen: 41.000 ng
RT: 15.73 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	71.5	55.7	83.5
167	38.8	30.1	45.1

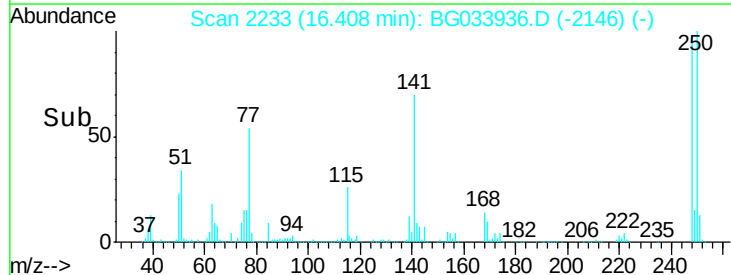
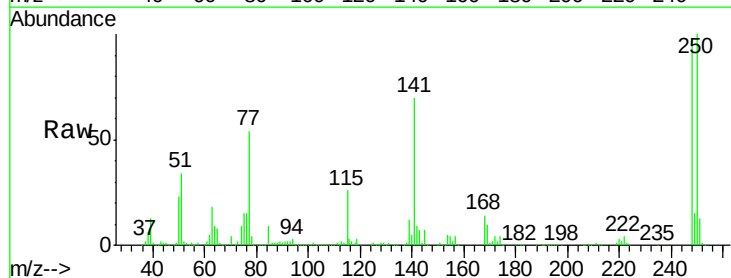
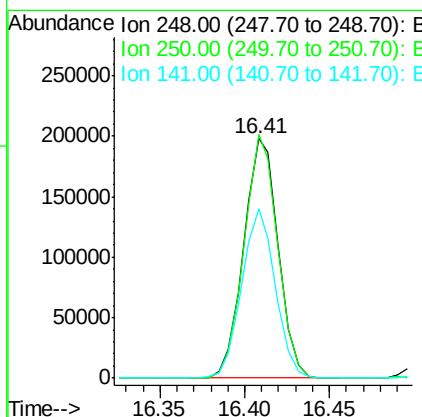
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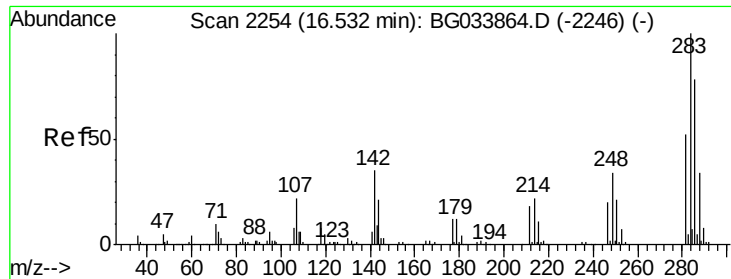
Sohil
4/24/2018 4:37:38 PM



#66
4-Bromophenyl-phenylether
Concen: 42.677 ng
RT: 16.41 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Tgt Ion	Ratio	Lower	Upper
248	100		
250	101.6	77.1	115.7
141	70.8	50.8	76.2





#67

Hexachlorobenzene

Concen: 41.679 ng

RT: 16.52 min Scan# 2252

Delta R.T. -0.01 min

Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

Instrument :

BNA_G

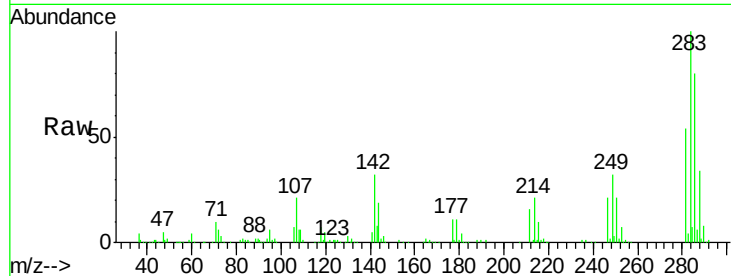
ClientSampleId :

BU-03-042018MSD

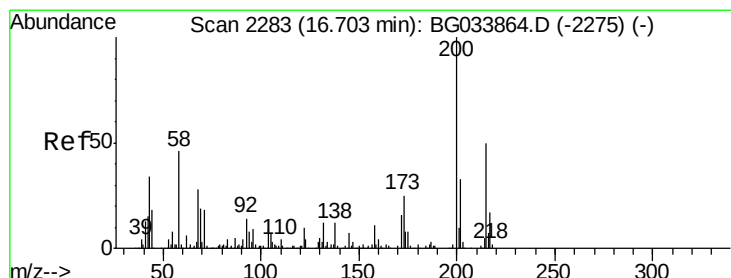
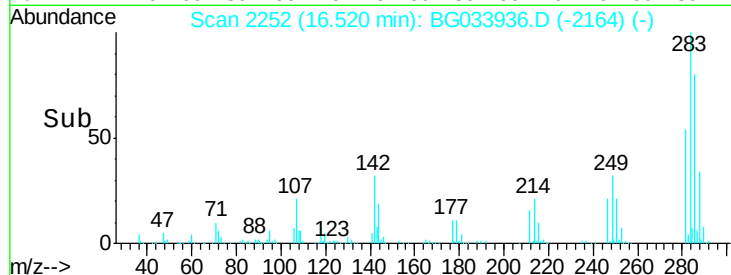
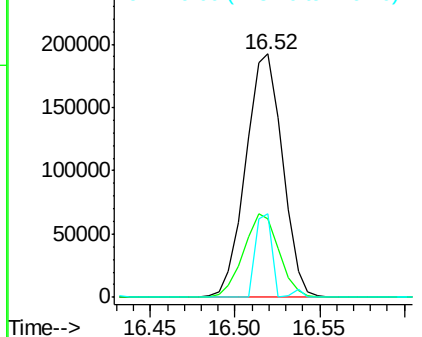
Tot Ion:	284	Resp:	291546
Ion Ratio	Lower	Upper	
284	100		
142	32.3	26.8	40.2
249	34.5	26.3	39.5

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



#68

Atrazine

Concen: 43.725 ng

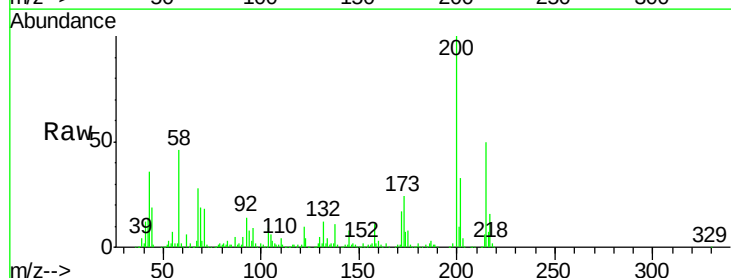
RT: 16.68 min Scan# 2280

Delta R.T. -0.02 min

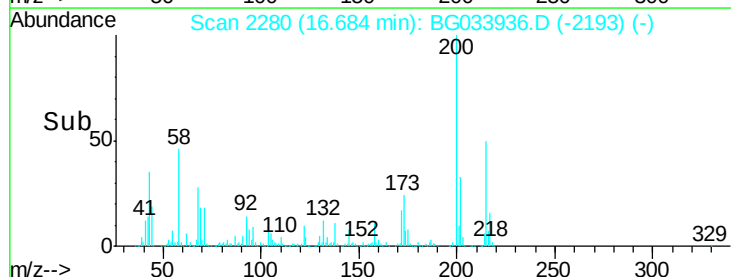
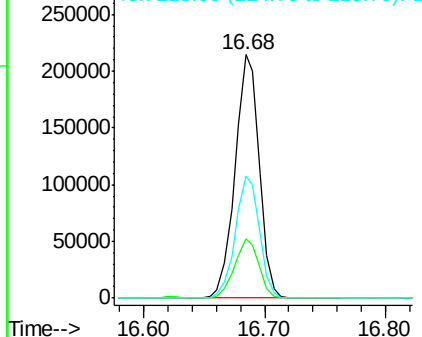
Lab File: BG033936.D

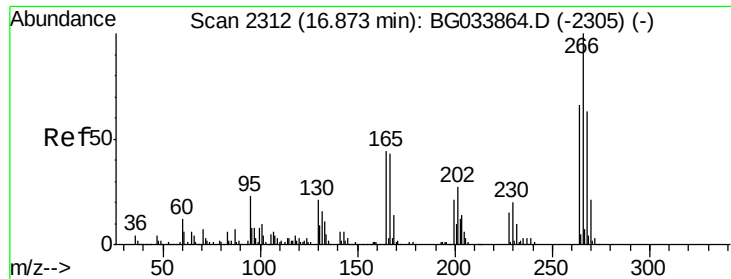
Acq: 24 Apr 2018 1:43

Tgt Ion:	200	Resp:	297439
Ion Ratio	Lower	Upper	
200	100		
173	24.3	5.2	45.2
215	50.0	30.4	70.4



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





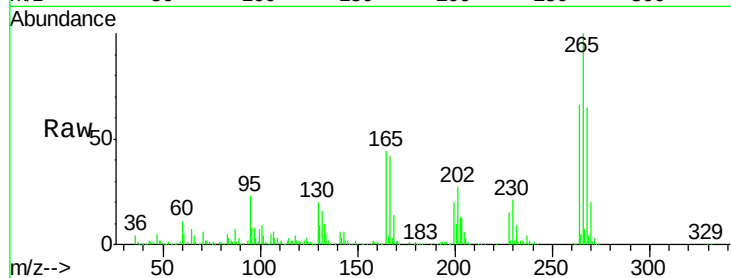
#69
 Pentachlorophenol
 Concen: 35.003 ng
 RT: 16.86 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	168185		
268	4.4	51.1	76.7#	
264	71.6	49.6	74.4	

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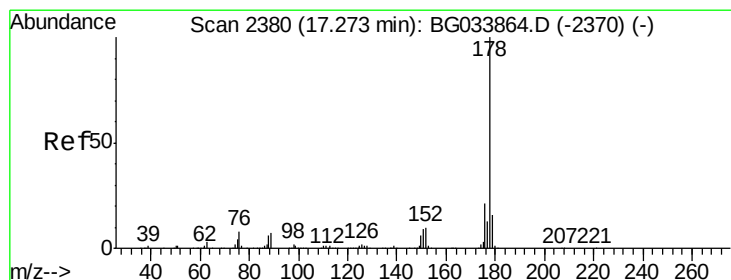
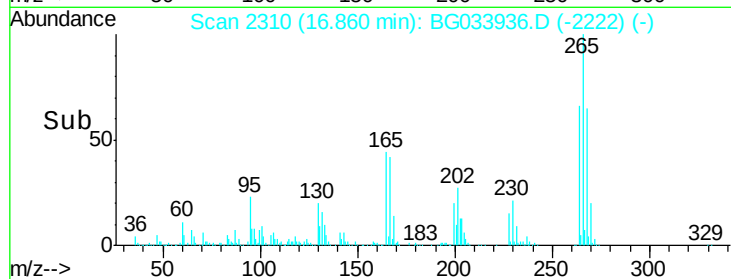
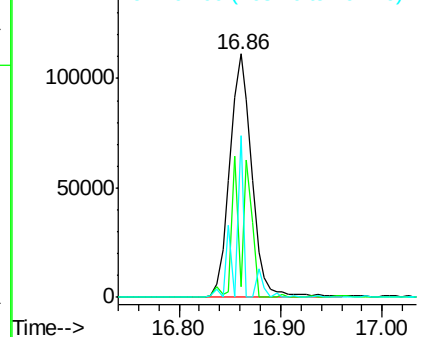


Abundance

Ion 265.70 (265.40 to 266.40): E

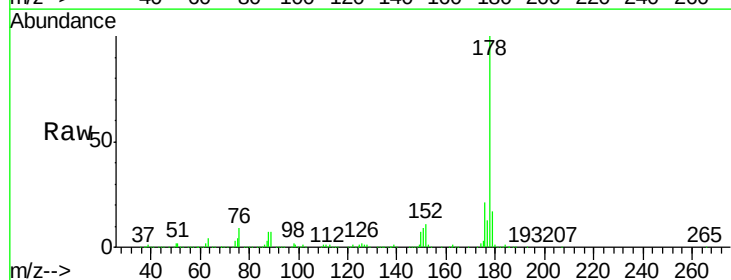
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 40.289 ng
 RT: 17.25 min Scan# 2377
 Delta R.T. -0.02 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1290868		
176	21.3	15.7	23.5	
179	17.3	12.5	18.7	

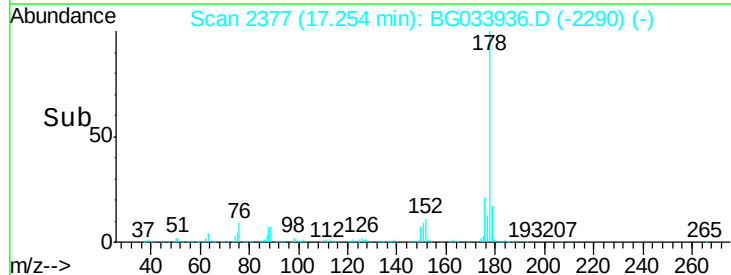
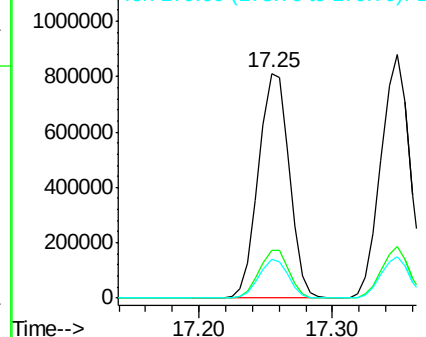


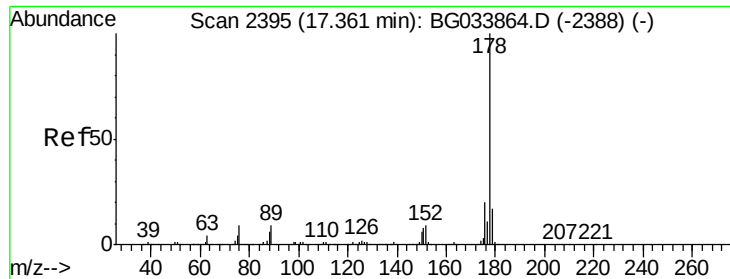
Abundance

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





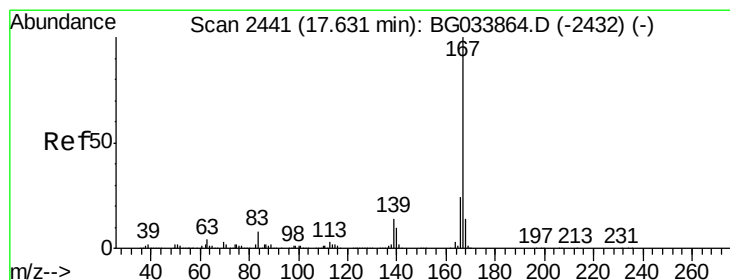
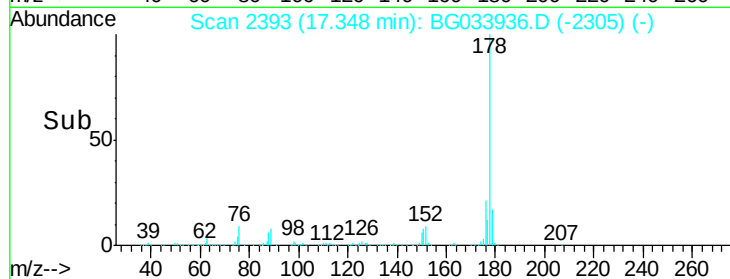
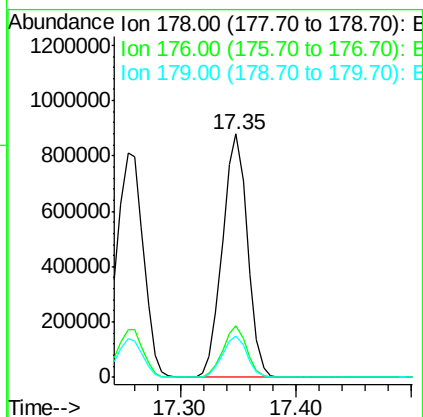
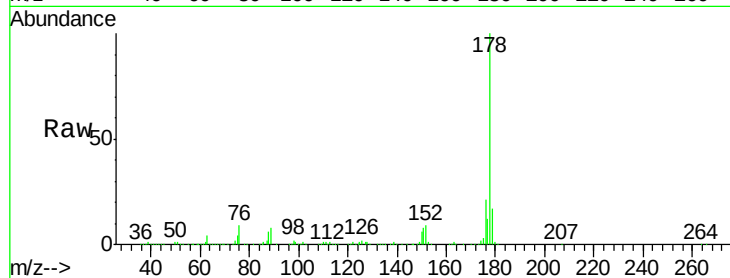
#71
 Anthracene
 Concen: 41.091 ng
 RT: 17.35 min Scan# 2393
 Delta R.T. -0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.0	24.0
179	16.9	12.5	18.7

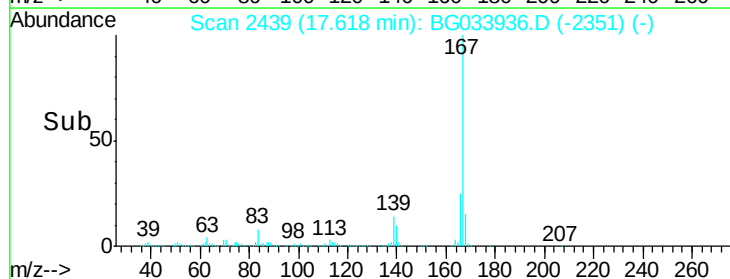
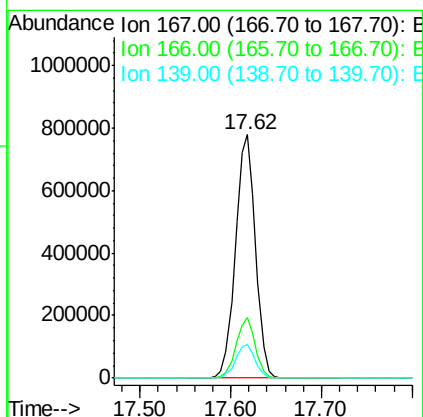
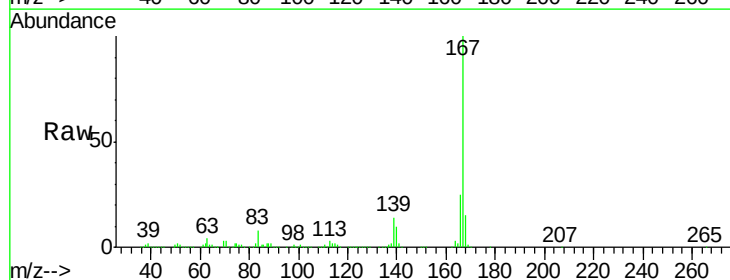
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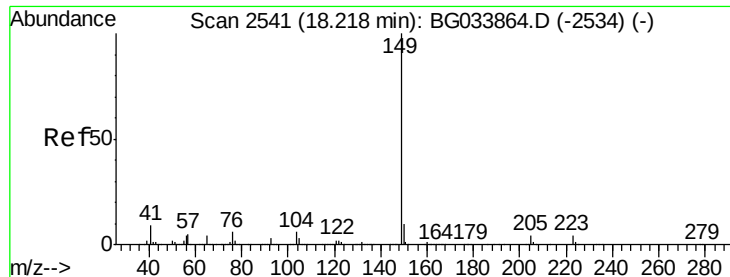
Sohil
 4/24/2018 4:37:38 PM



#72
 Carbazole
 Concen: 38.728 ng
 RT: 17.62 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.8	18.2	27.4
139	13.7	9.4	14.2





#73

Di-n-butylphthalate

Concen: 37.433 ng

RT: 18.20 min Scan# 2538

Delta R.T. -0.02 min

Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

Instrument :

BNA_G

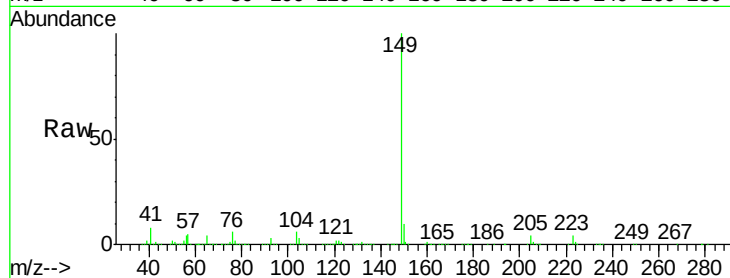
ClientSampled :

BU-03-042018MSD

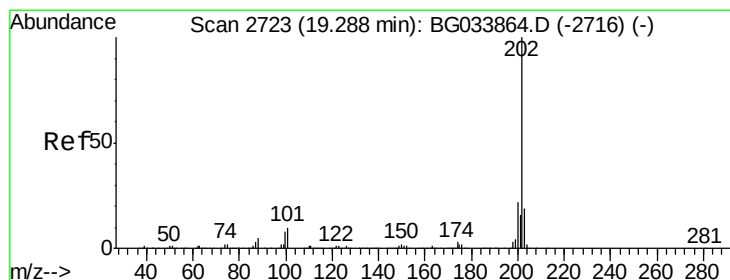
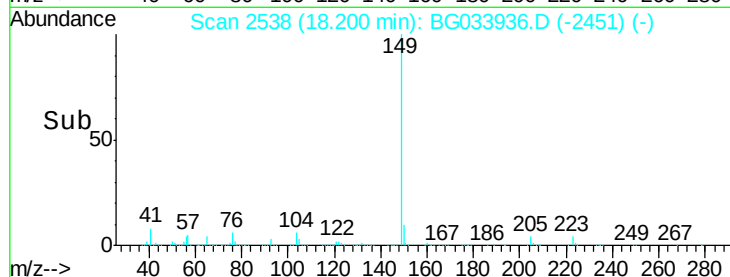
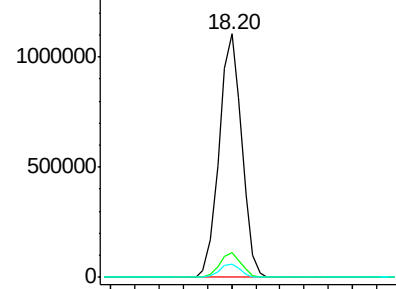
Tot Ion:	149	Resp:	1439515
Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.6
104	5.6	3.9	5.9

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Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.710 ng

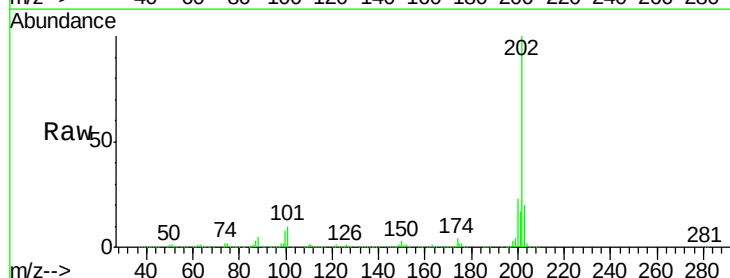
RT: 19.28 min Scan# 2721

Delta R.T. -0.01 min

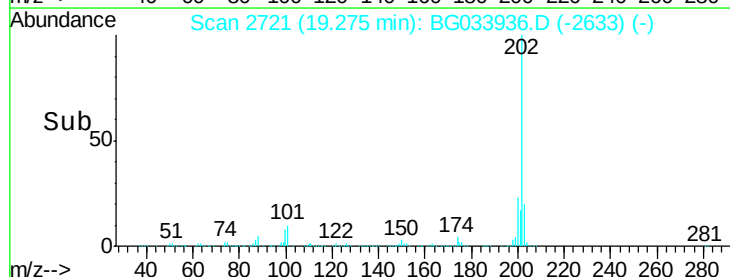
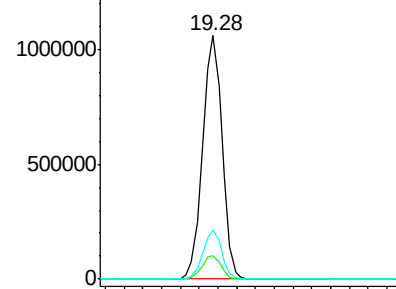
Lab File: BG033936.D

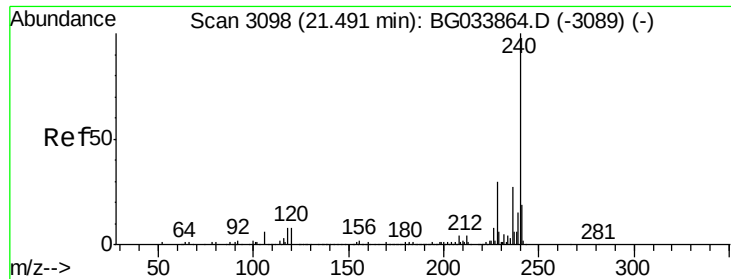
Acq: 24 Apr 2018 1:43

Tgt Ion:	202	Resp:	1539077
Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	28.9
203	20.2	0.0	37.5



Abundance Ion 202.00 (201.70 to 202.70): E
1000000
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: 21.47 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

Instrument :

BNA_G

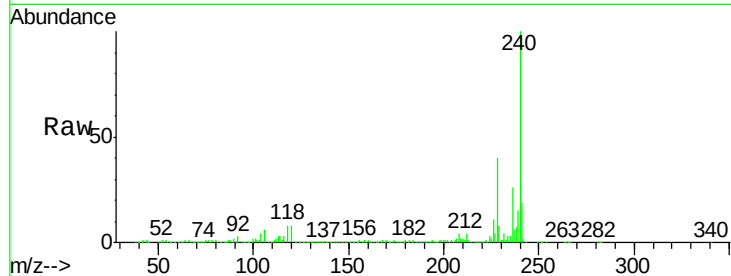
ClientSampleId :

BU-03-042018MSD

Tot Ion:	240	Resp:	604839
Ion Ratio	Lower	Upper	
240	100		
120	8.2	6.8	10.2
236	25.6	20.9	31.3

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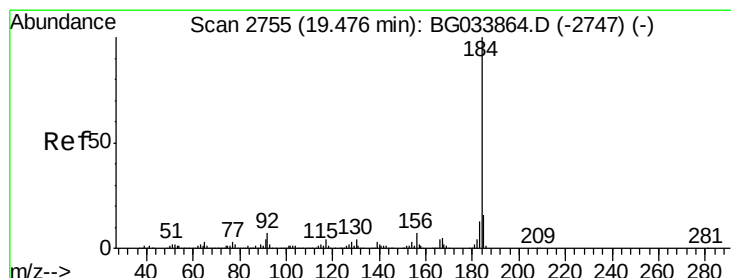
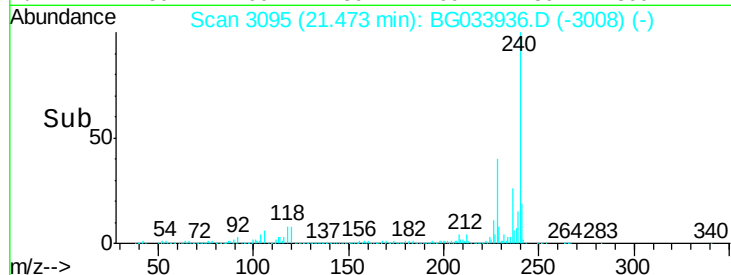
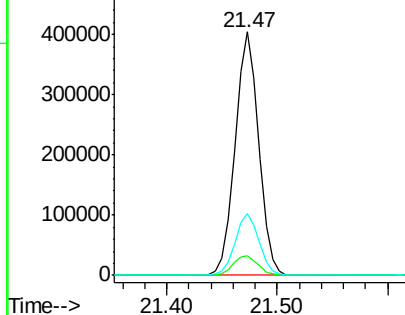
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.605 ng

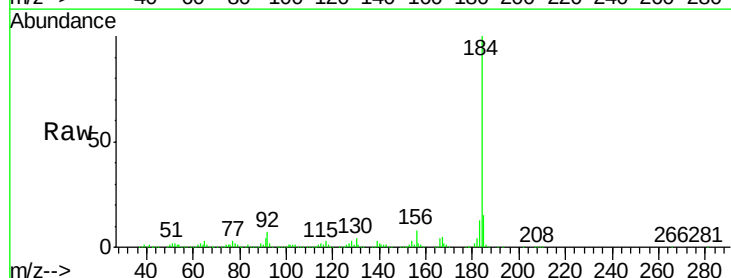
RT: 19.46 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

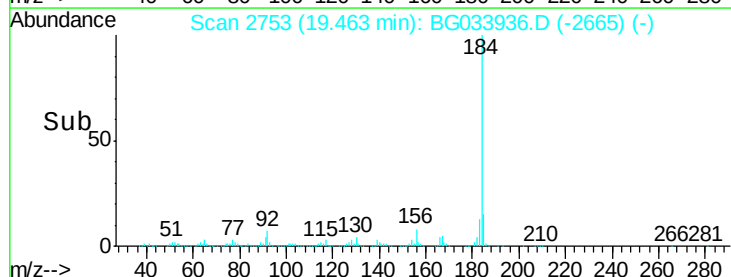
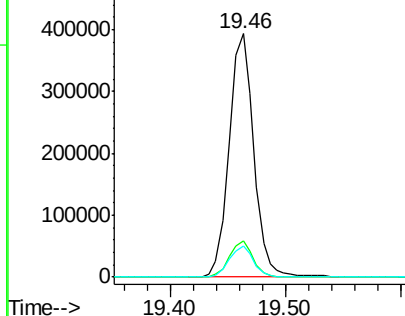
Tgt Ion:	184	Resp:	581530
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.1	16.7
183	12.6	10.6	16.0

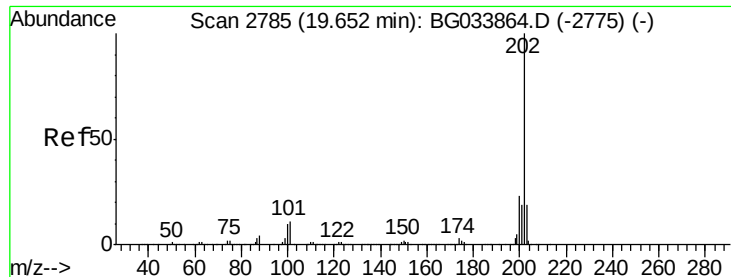


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.780 ng

RT: 19.64 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

Instrument :

BNA_G

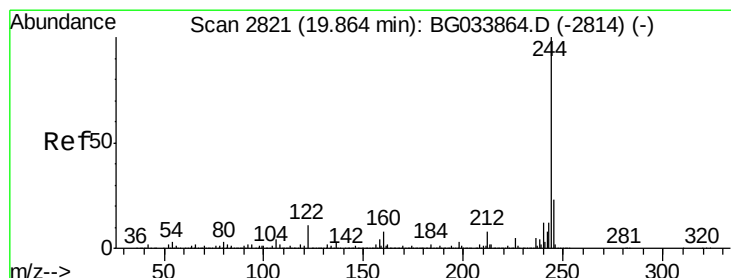
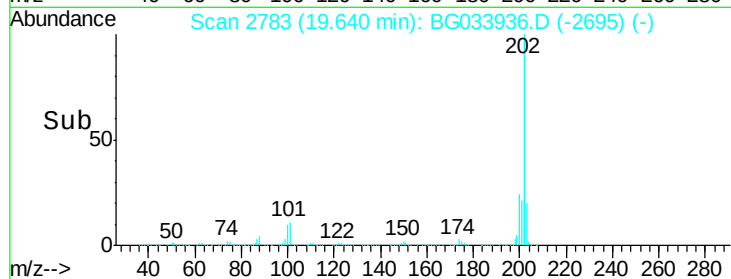
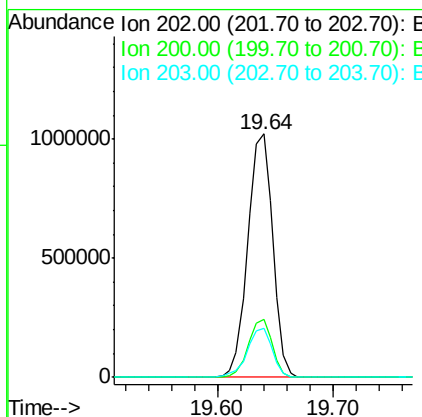
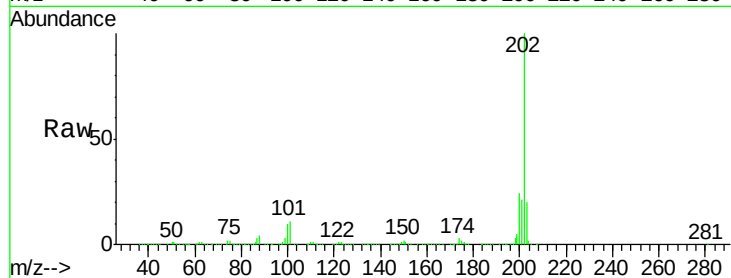
ClientSampleId :

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Tot Ion:	202	Resp:	1538447
Ion	Ratio	Lower	Upper
202	100		
200	24.0	16.9	25.3
203	20.2	13.9	20.9

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#78

Terphenyl-d14

Concen: 77.929 ng

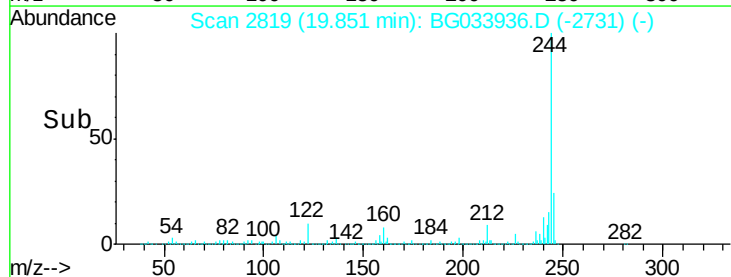
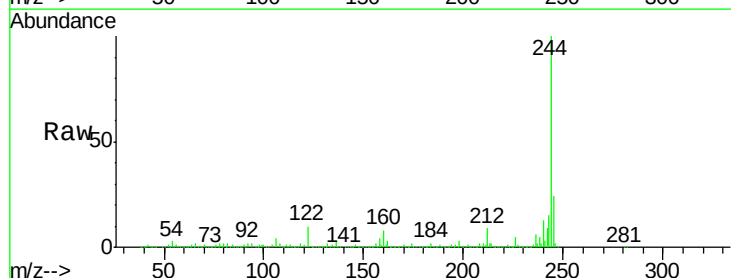
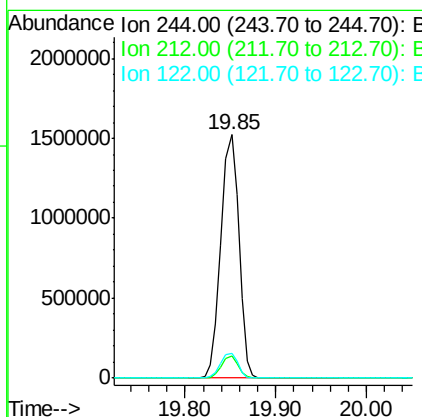
RT: 19.85 min Scan# 2819

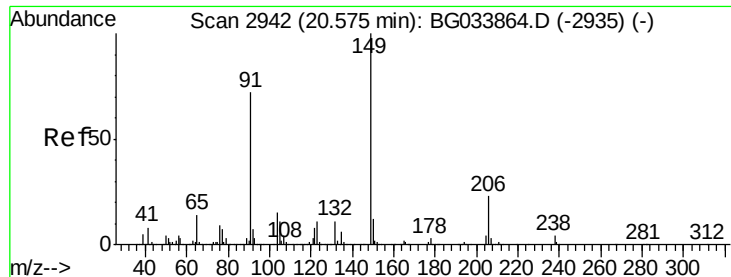
Delta R.T. -0.01 min

Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

Tgt Ion:	244	Resp:	2098031
Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	10.1	7.0	10.4





#79

Butylbenzylphthalate

Concen: 39.288 ng

RT: 20.56 min Scan# 2939

Delta R.T. -0.02 min

Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

Instrument :

BNA_G

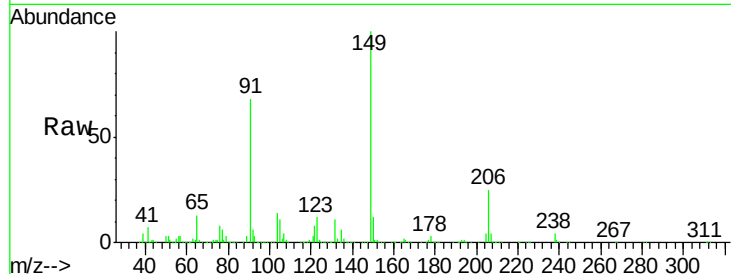
ClientSampleId :

BU-03-042018MSD

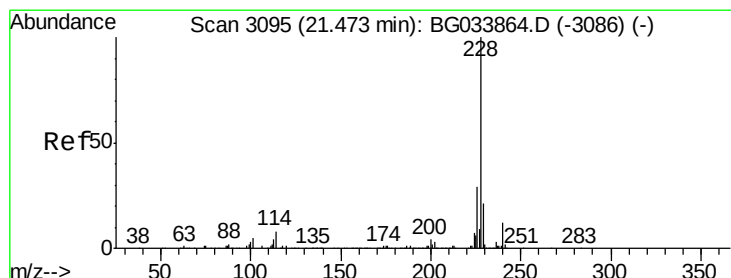
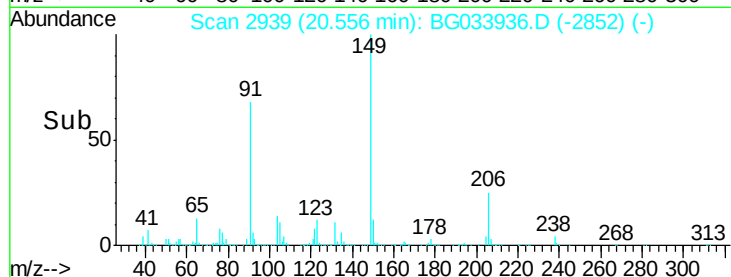
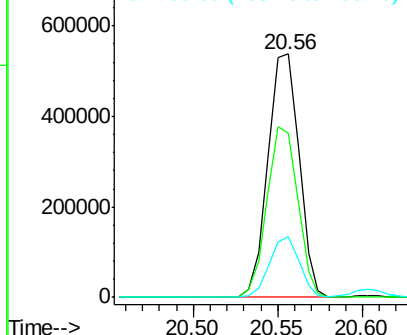
Tot Ion:	149	Resp:	684471
Ion Ratio	Lower	Upper	
149	100		
91	67.7	62.2	93.2
206	24.7	18.6	27.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.476 ng

RT: 21.46 min Scan# 3092

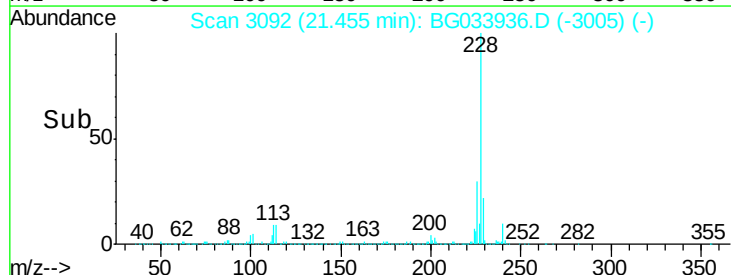
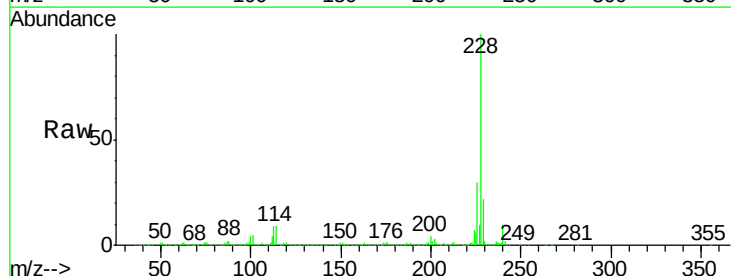
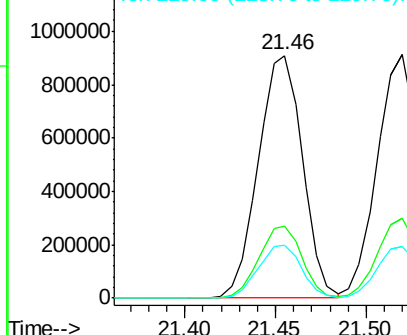
Delta R.T. -0.02 min

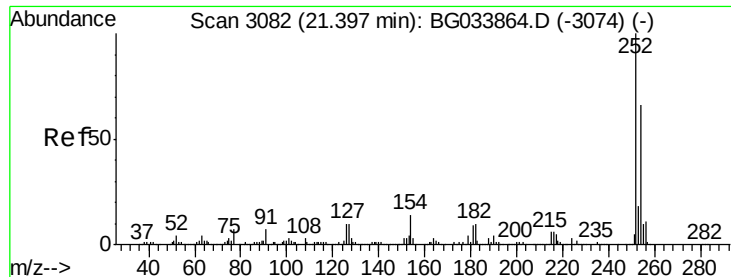
Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

Tgt Ion:	228	Resp:	1543766
Ion Ratio	Lower	Upper	
228	100		
226	29.9	22.7	34.1
229	21.6	16.2	24.2

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





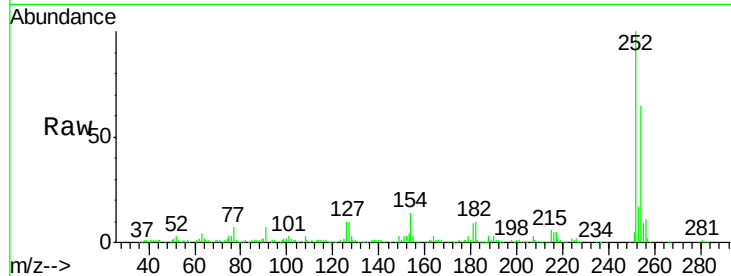
#81
 3,3'-Dichlorobenzidine
 Concen: 19.790 ng
 RT: 21.37 min Scan# 3078
 Delta R.T. -0.02 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MSD

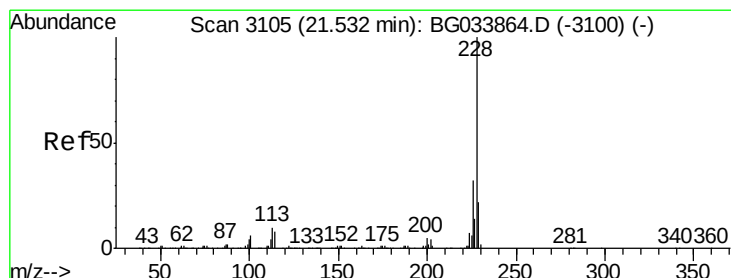
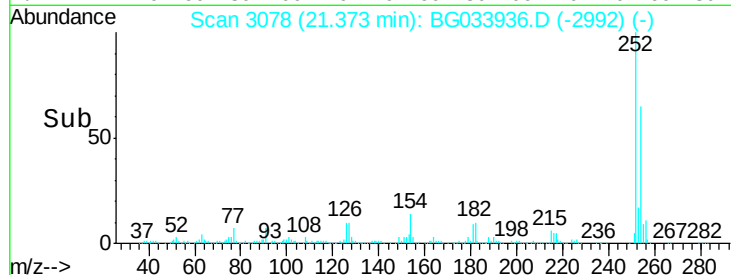
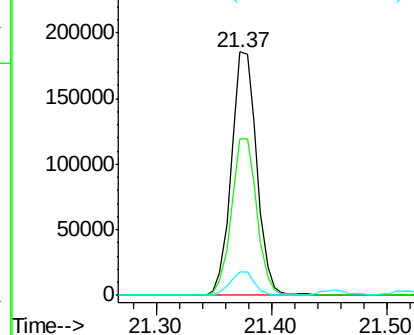
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.8	76.2
126	9.6	7.4	11.2

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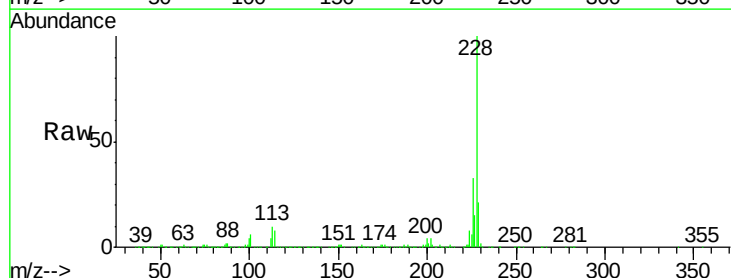


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

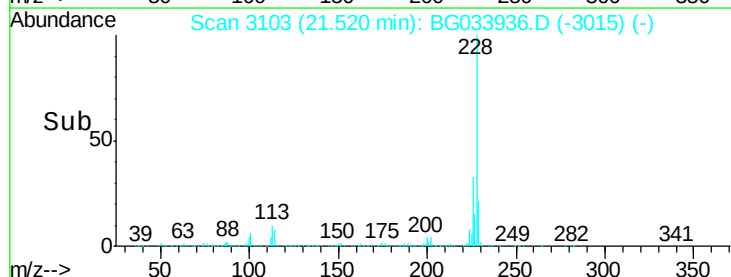
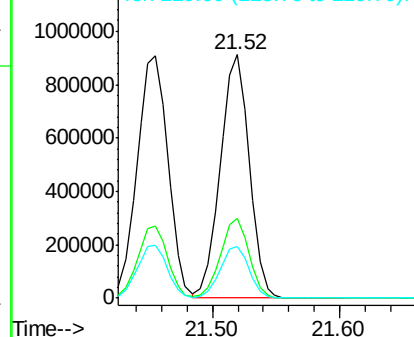


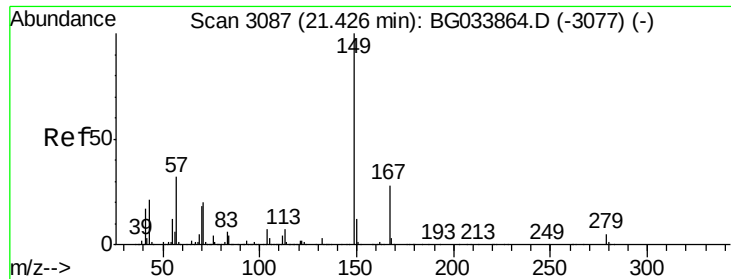
#82
 Chrysene
 Concen: 39.685 ng
 RT: 21.52 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.9	37.3
229	21.3	15.0	22.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





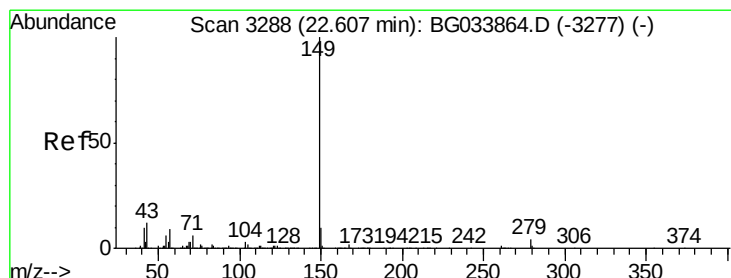
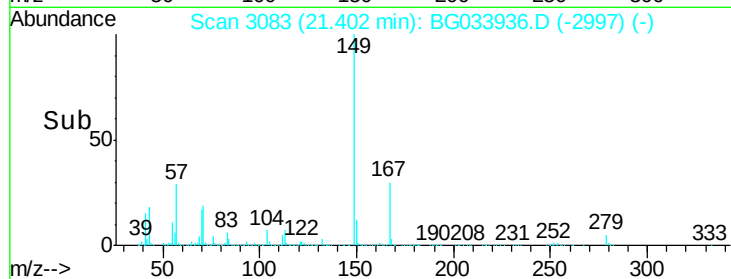
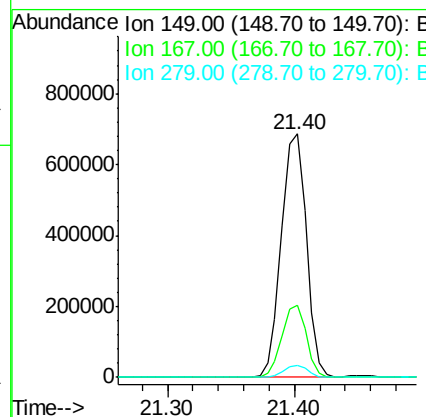
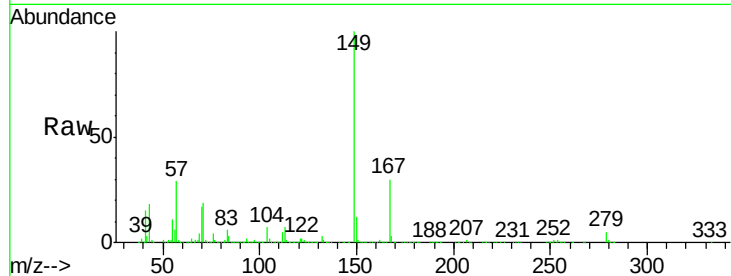
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.518 ng
 RT: 21.40 min Scan# 3083
 Delta R.T. -0.02 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.8	24.3	36.5
279	4.8	4.0	6.0

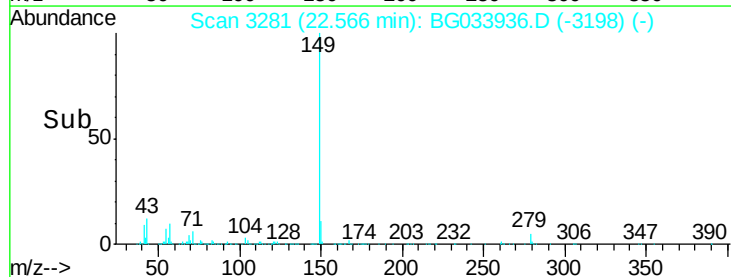
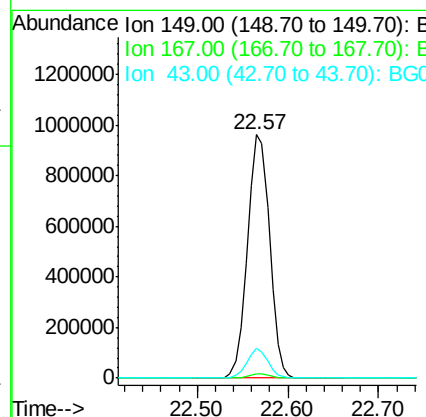
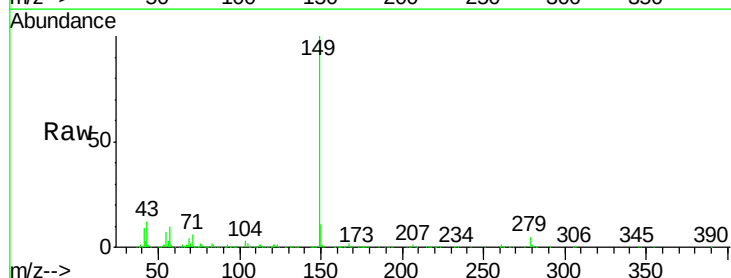
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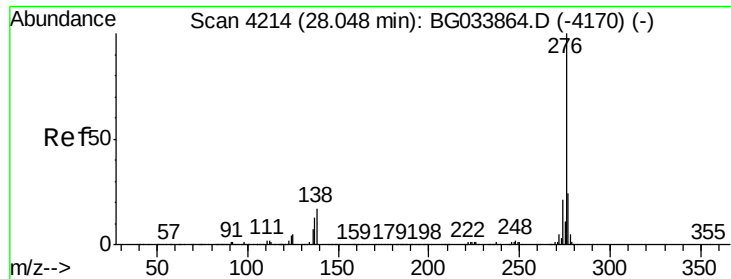
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 41.614 ng
 RT: 22.57 min Scan# 3281
 Delta R.T. -0.04 min
 Lab File: BG033936.D
 Acq: 24 Apr 2018 1:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	11.2	8.9	13.3





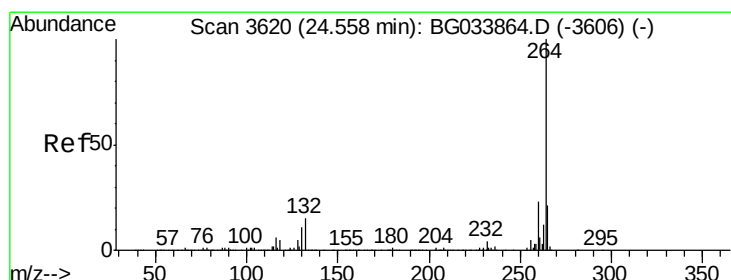
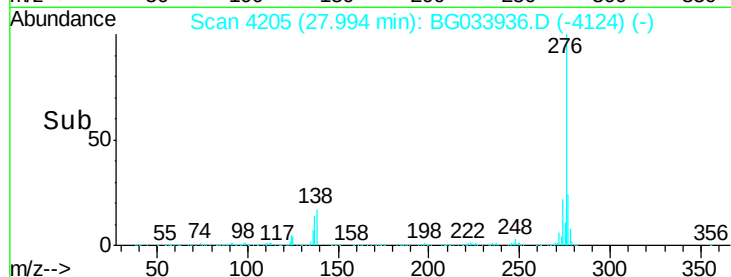
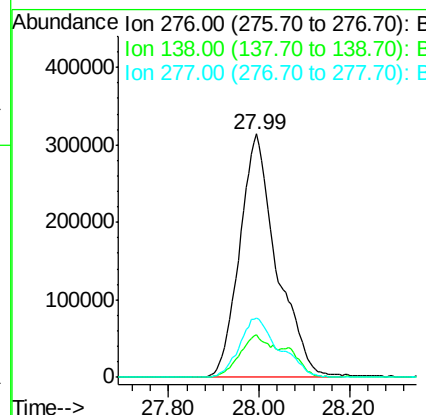
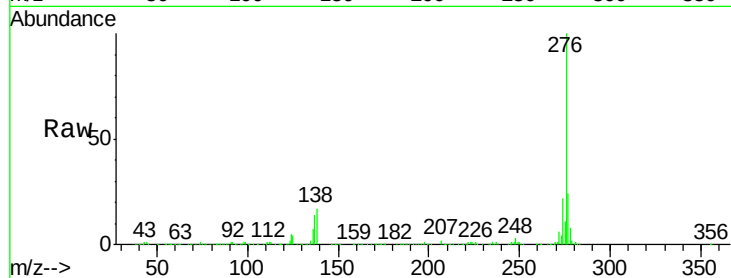
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.891 ng
RT: 27.99 min Scan# 4205
Delta R.T. -0.05 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MSD

Tot Ion:276 Resp: 1778169
Ion Ratio Lower Upper
276 100
138 15.2 16.0 24.0#
277 26.3 20.0 30.0

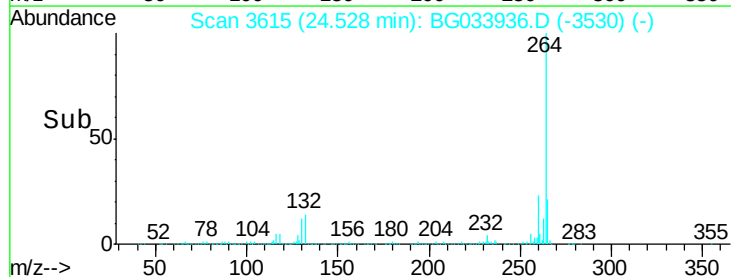
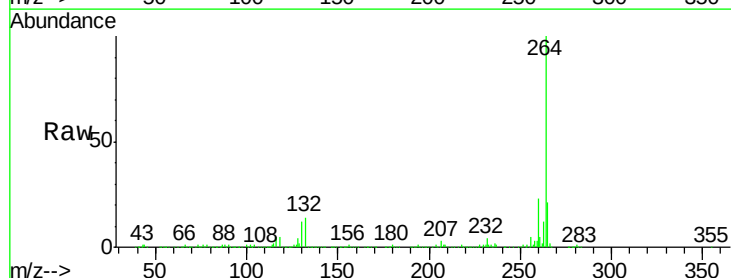
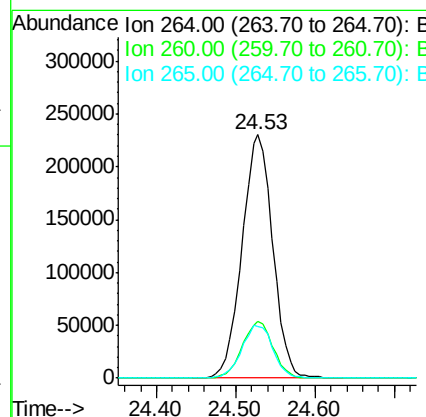
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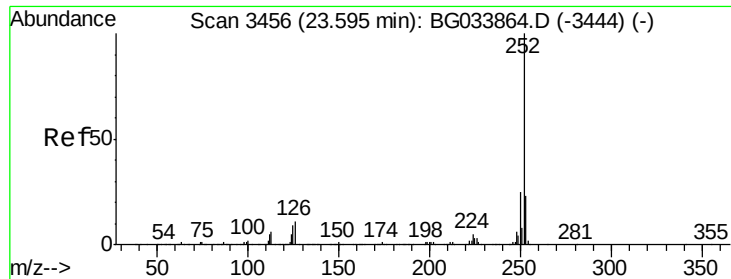
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.53 min Scan# 3615
Delta R.T. -0.03 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Tgt Ion:264 Resp: 617199
Ion Ratio Lower Upper
264 100
260 23.3 17.4 26.0
265 21.0 17.7 26.5





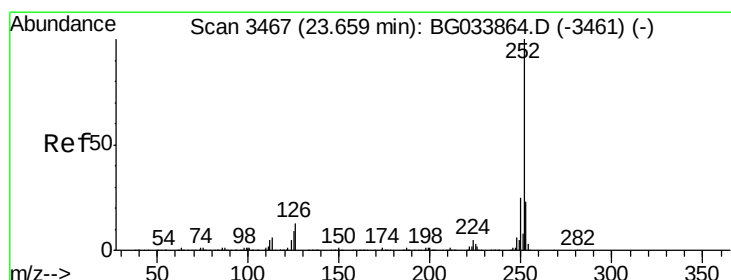
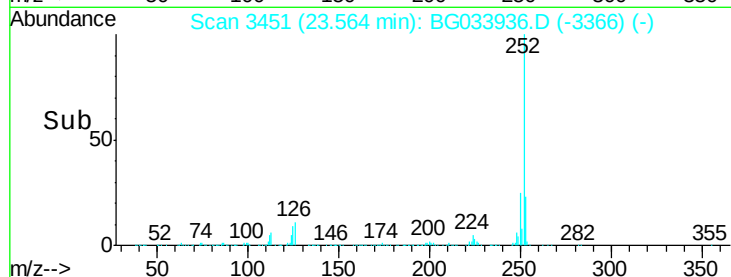
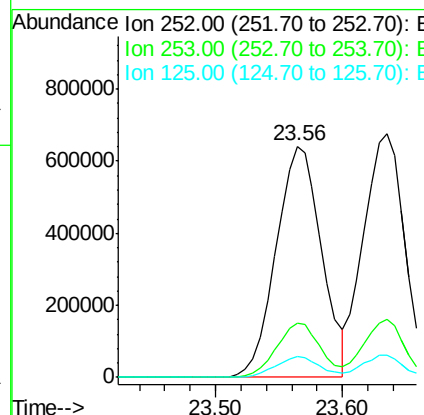
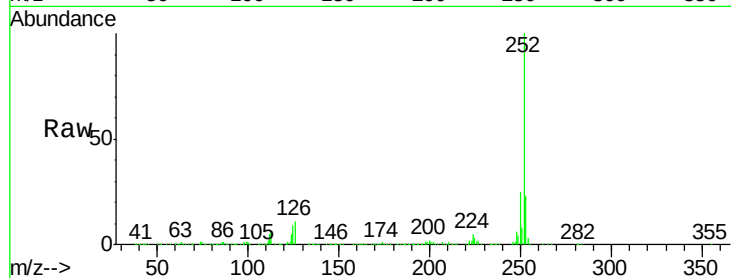
#87
Benzo(b)fluoranthene
Concen: 42.337 ng
RT: 23.56 min Scan# 3451
Delta R.T. -0.03 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MSD

Tot Ion:252 Resp: 1594074
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.4
125 9.3 7.2 10.8

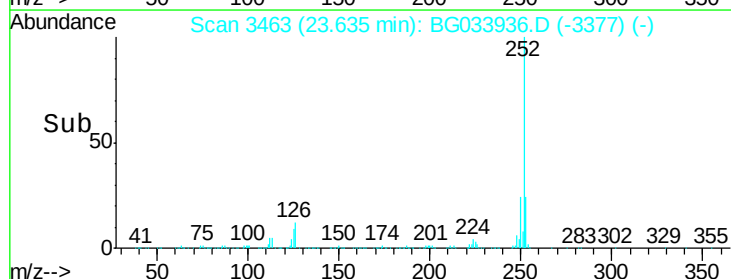
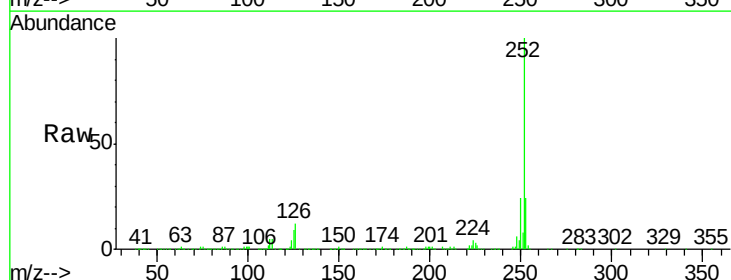
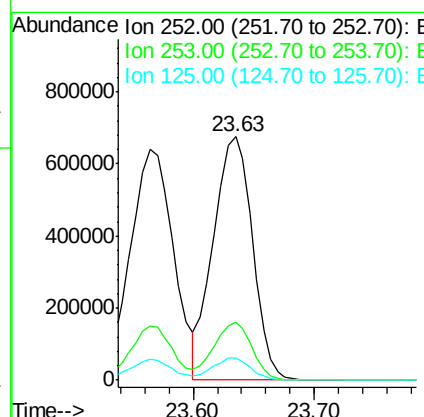
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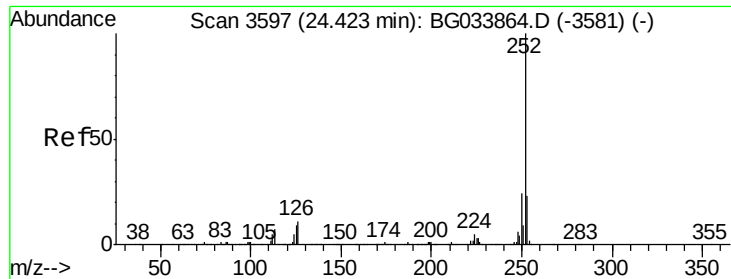
Sohil
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#88
Benzo(k)fluoranthene
Concen: 40.466 ng
RT: 23.63 min Scan# 3463
Delta R.T. -0.02 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Tgt Ion:252 Resp: 1513479
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.2
125 9.1 6.6 9.8





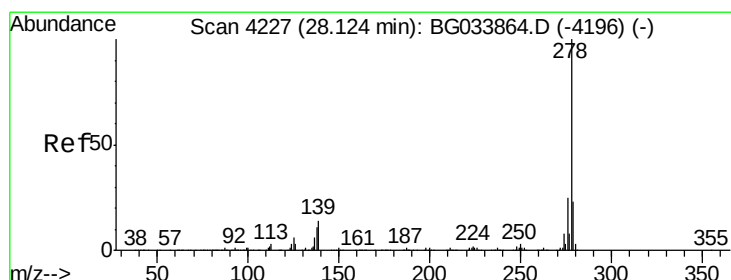
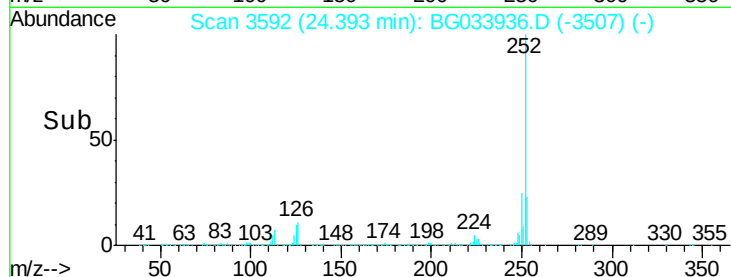
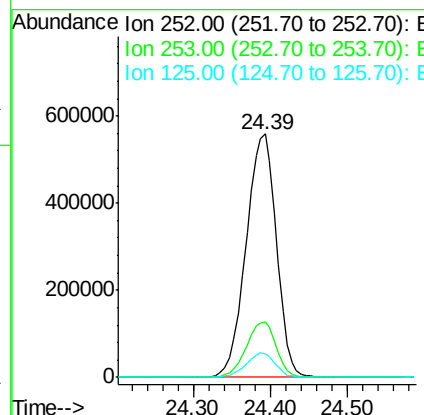
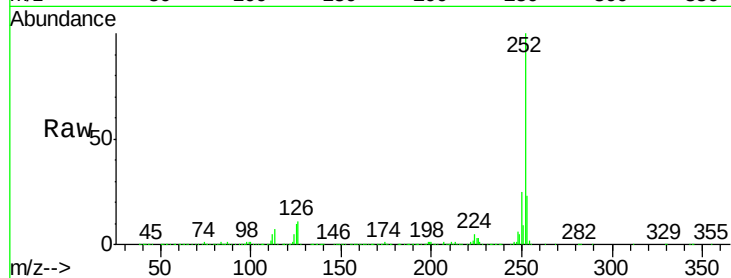
#89
Benzo(a)pyrene
Concen: 42.594 ng
RT: 24.39 min Scan# 3592
Delta R.T. -0.03 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	9.5	7.3	10.9

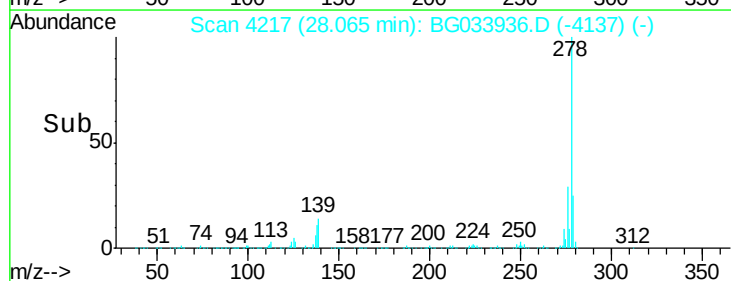
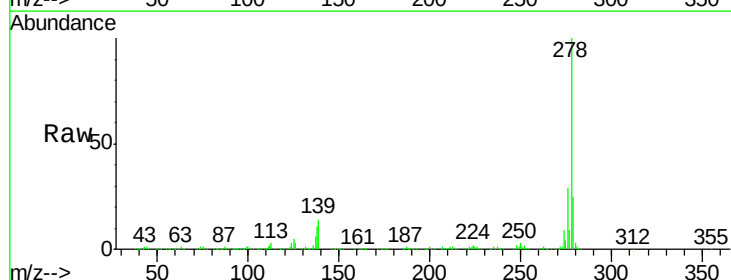
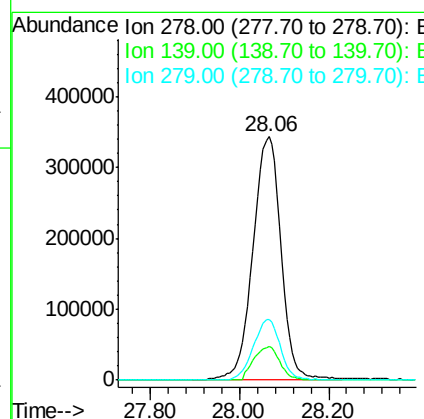
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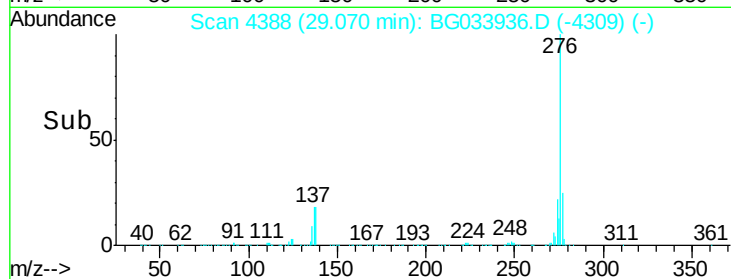
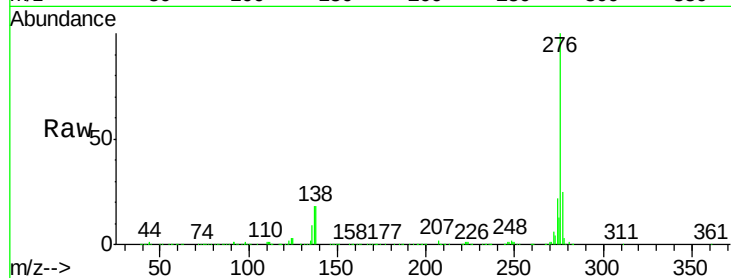
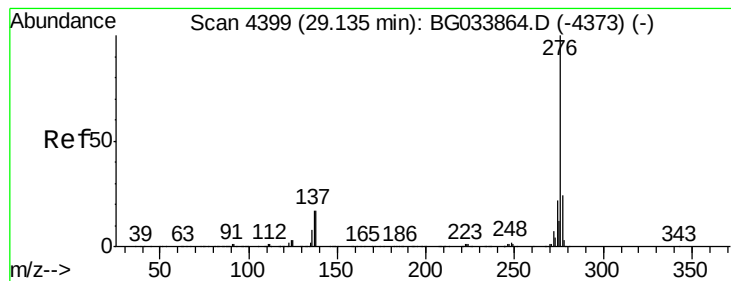
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#90
Dibenzo(a,h)anthracene
Concen: 42.619 ng
RT: 28.06 min Scan# 4217
Delta R.T. -0.06 min
Lab File: BG033936.D
Acq: 24 Apr 2018 1:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.7	9.8	14.6
279	24.8	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 41.819 ng

RT: 29.07 min Scan# 4388

Delta R.T. -0.07 min

Lab File: BG033936.D

Acq: 24 Apr 2018 1:43

Tot Ion:	276	Resp:	1435827
Ion Ratio	Lower	Upper	
276	100		
277	24.6	18.3	27.5
138	17.8	13.9	20.9

Instrument :

BNA_G

ClientSampleId :

BU-03-042018MSD

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