

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033935.D
 Acq On : 24 Apr 2018 1:05
 Operator : SJ/JU
 Sample : J2152-04MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MS

Manual Integrations
 APPROVED

Sohil
 4/24/2018 4:37:36 PM

Quant Time: Apr 24 04:23:32 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	69067	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	299707	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	212390	20.00	ng	-0.02
63) Phenanthrene-d10	17.22	188	542532	20.00	ng	0.00
75) Chrysene-d12	21.47	240	549639	20.00	ng	-0.02
86) Perylene-d12	24.52	264	569646	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	506865	117.17	ng	0.00
7) Phenol-d6	7.00	99	635156	100.66	ng	0.00
23) Nitrobenzene-d5	8.98	82	468569	88.97	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	335225	135.29	ng	-0.02
44) 2-Fluorobiphenyl	13.09	172	1159364	80.19	ng	-0.02
78) Terphenyl-d14	19.85	244	1940236	79.31	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	60219	32.943	ng	91
3) Pyridine	3.81	79	163465	30.907	ng	93
4) n-Nitrosodimethylamine	3.72	42	90130	37.405	ng	# 94
6) Aniline	7.16	93	123756	14.673	ng	97
8) 2-Chlorophenol	7.40	128	190372	39.273	ng	97
9) Benzaldehyde	6.97	77	105892	29.446	ng	95
10) Phenol	7.03	94	220443	34.103	ng	96
11) bis(2-Chloroethyl)ether	7.26	93	185780	37.578	ng	93
12) 1,3-Dichlorobenzene	7.72	146	202928	36.366	ng	95
13) 1,4-Dichlorobenzene	7.86	146	204572	36.196	ng	97
14) 1,2-Dichlorobenzene	8.18	146	196504	35.752	ng	95
15) Benzyl Alcohol	8.07	79	200895	36.512	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.36	45	322486	33.444	ng	95
17) 2-Methylphenol	8.27	107	167649	34.999	ng	95
18) Hexachloroethane	8.90	117	74563	36.103	ng	96
19) n-Nitroso-di-n-propylamine	8.63	70	171227	31.835	ng	97
20) 3+4-Methylphenols	8.59	107	232563	33.413	ng	93
22) Acetophenone	8.64	105	302324	37.062	ng	# 97
24) Nitrobenzene	9.02	77	238941	41.636	ng	97
25) Isophorone	9.54	82	465111	39.282	ng	96
26) 2-Nitrophenol	9.72	139	108743	47.957	ng	91
27) 2,4-Dimethylphenol	9.79	122	199904	47.133	ng	94
28) bis(2-Chloroethoxy)methane	10.03	93	269084	43.001	ng	98
29) 2,4-Dichlorophenol	10.26	162	216967	45.889	ng	92
30) 1,2,4-Trichlorobenzene	10.48	180	210631	39.775	ng	99
31) Naphthalene	10.66	128	663212	43.032	ng	99
32) Benzoic acid	9.87	122	47716	15.176	ng	# 85
33) 4-Chloroaniline	10.77	127	25521	3.523	ng	# 91
34) Hexachlorobutadiene	10.95	225	126685	39.990	ng	98
35) Caprolactam	11.54	113	65787m	32.727	ng	
36) 4-Chloro-3-methylphenol	11.90	107	242205	41.972	ng	91
37) 2-Methylnaphthalene	12.27	142	469962	39.828	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	265680	37.671	ng	98
40) Hexachlorocyclopentadiene	12.63	237	262781	67.765	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.89	196	189506	44.071	nq	99
43) 2,4,5-Trichlorophenol	12.96	196	209186	42.316	nq	95
45) 1,1'-Biphenyl	13.30	154	633904	36.870	nq	97
46) 2-Chloronaphthalene	13.33	162	487741	37.414	nq	98
47) 2-Nitroaniline	13.54	65	172689	42.426	nq	90
48) Acenaphthylene	14.18	152	790863	36.497	nq	98
49) Dimethylphthalate	13.93	163	680050	36.400	nq	99
50) 2,6-Dinitrotoluene	14.04	165	155177	43.828	nq	89
51) Acenaphthene	14.52	154	510039	37.468	nq	99
52) 3-Nitroaniline	14.36	138	38210	9.939	nq	# 90
53) 2,4-Dinitrophenol	14.57	184	40676	32.124	nq	# 58
54) Dibenzofuran	14.86	168	783909	38.843	nq	95
55) 4-Nitrophenol	14.67	139	237514	78.772	nq	90
56) 2,4-Dinitrotoluene	14.82	165	215538	45.779	nq	86
57) Fluorene	15.51	166	669800	38.353	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.09	232	204378	45.153	nq	98
59) Diethylphthalate	15.30	149	720956	36.508	nq	99
60) 4-Chlorophenyl-phenylether	15.51	204	361230	39.545	nq	97
61) 4-Nitroaniline	15.54	138	165722	40.599	nq	92
62) Azobenzene	15.81	77	647376	36.775	nq	98
64) 4,6-Dinitro-2-methylphenol	15.59	198	50587	23.235	nq	92
65) n-Nitrosodiphenylamine	15.73	169	591757	37.517	nq	100
66) 4-Bromophenyl-phenylether	16.41	248	227876	38.246	nq	98
67) Hexachlorobenzene	16.52	284	236571	37.232	nq	97
68) Atrazine	16.69	200	257355	41.648	nq	97
69) Pentachlorophenol	16.86	266	221829	50.825	nq	# 25
70) Phenanthrene	17.26	178	1097438	37.706	nq	96
71) Anthracene	17.35	178	1119958	38.479	nq	99
72) Carbazole	17.62	167	1028446	36.626	nq	97
73) Di-n-butylphthalate	18.20	149	1240793	35.520	nq	98
74) Fluoranthene	19.27	202	1326530	37.679	nq	94
76) Benzidine	19.46	184	538512	36.282	nq	99
77) Pyrene	19.64	202	1326807	36.804	nq	94
79) Butylbenzylphthalate	20.55	149	584236	36.903	nq	92
80) Benzo(a)anthracene	21.45	228	1320854	38.110	nq	98
81) 3,3'-Dichlorobenzidine	21.38	252	238828	18.481	nq	99
82) Chrysene	21.52	228	1242073	37.529	nq	95
83) Bis(2-ethylhexyl)phthalate	21.40	149	809059	36.186	nq	98
84) Di-n-octyl phthalate	22.57	149	1408468	39.688	nq	100
85) Indeno(1,2,3-cd)pyrene	27.99	276	1539742	40.870	nq	# 94
87) Benzo(b)fluoranthene	23.57	252	1361605	39.181	nq	99
88) Benzo(k)fluoranthene	23.63	252	1297234	37.580	nq	96
89) Benzo(a)pyrene	24.38	252	1305332	39.220	nq	99
90) Dibenzo(a,h)anthracene	28.06	278	1279365	39.727	nq	97
91) Benzo(g,h,i)perylene	29.07	276	1270931	40.107	nq	99

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

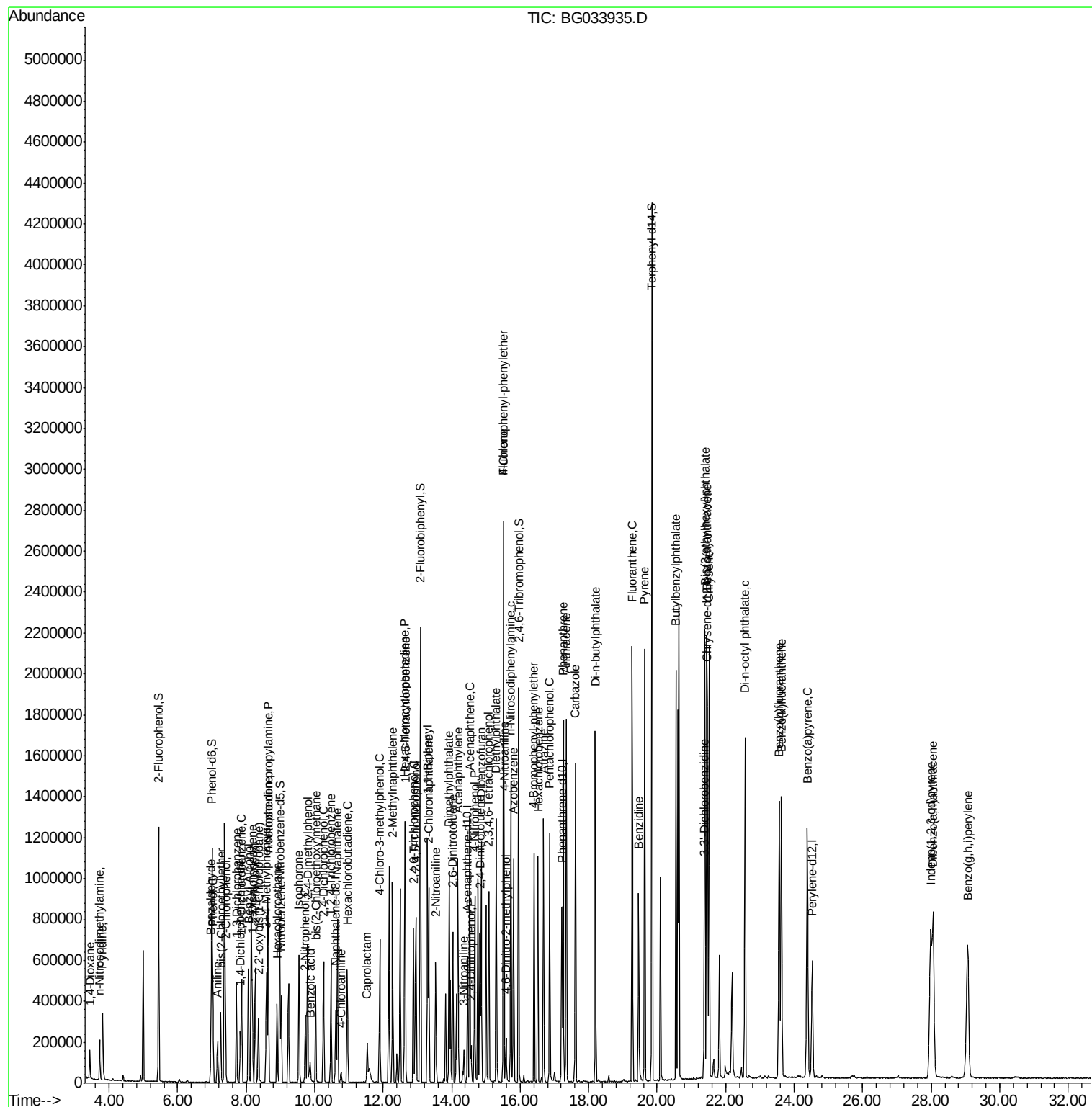
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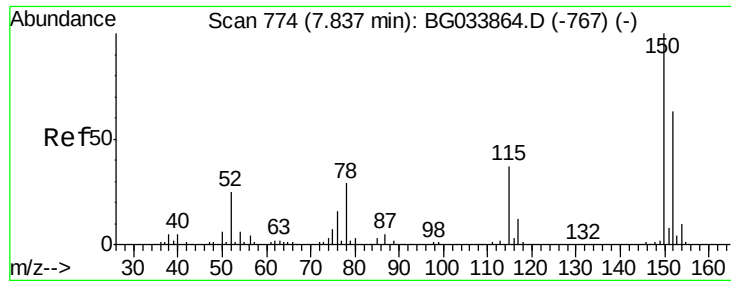
Instrument :
BNA_G
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#1

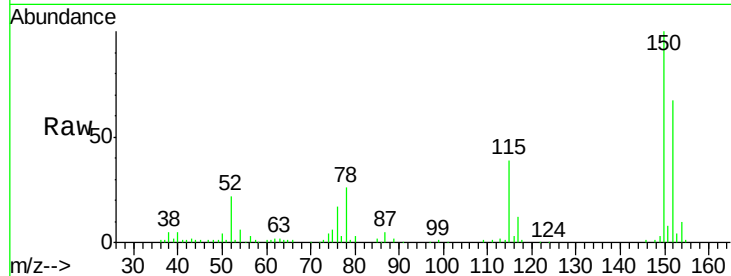
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MS

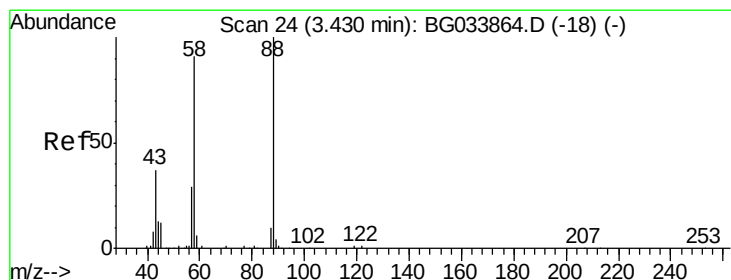
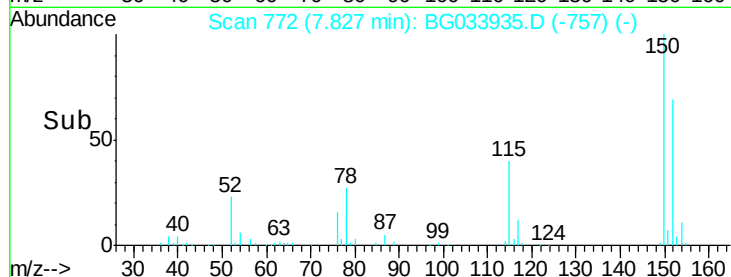
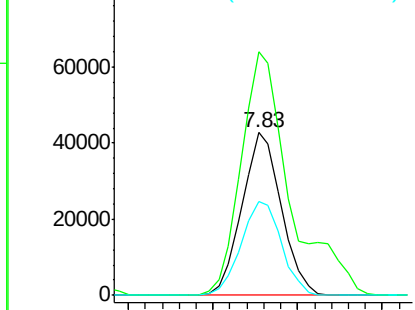
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	126.6	189.8
115	57.7	53.0	79.4

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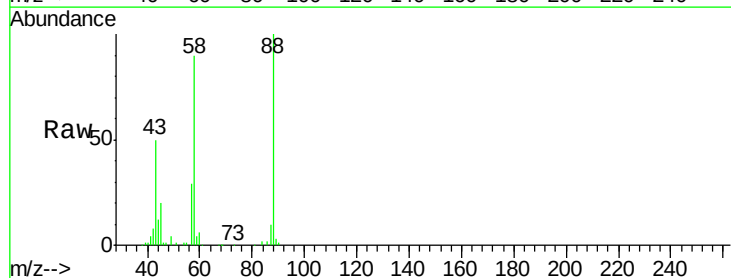
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



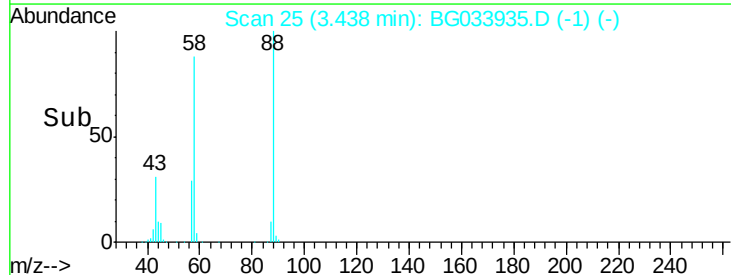
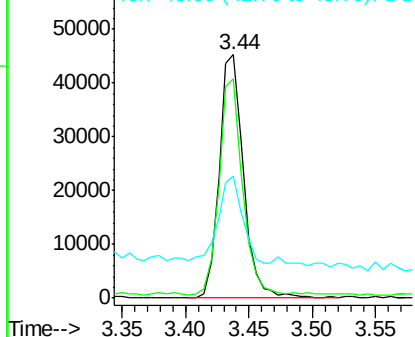
#2

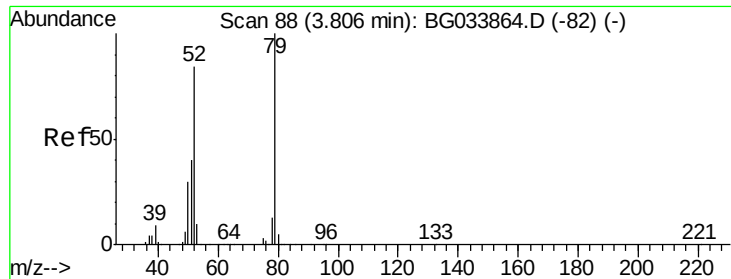
1,4-Dioxane
Concen: 32.943 ng
RT: 3.44 min Scan# 25
Delta R.T. 0.01 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.8	79.6	119.4
43	35.6	27.4	41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.907 ng

RT: 3.81 min Scan# 89

Delta R.T. 0.01 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Instrument :

BNA_G

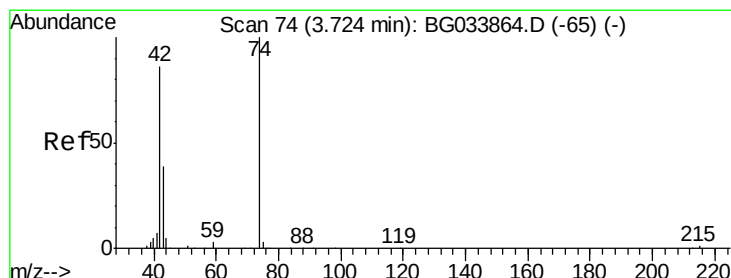
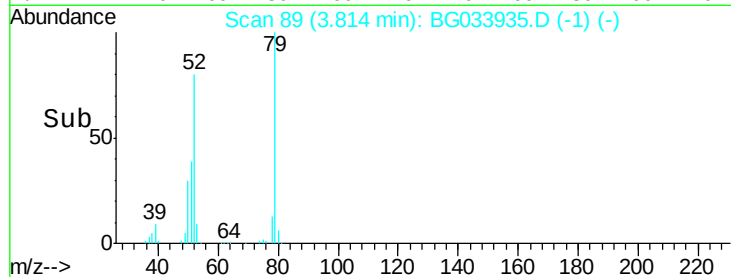
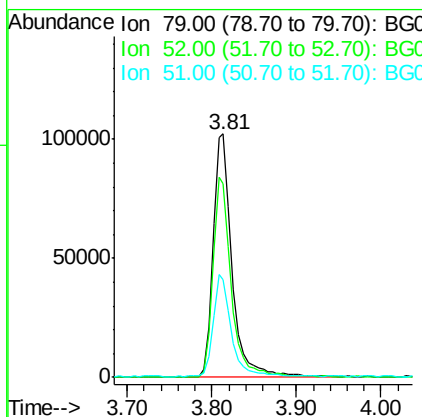
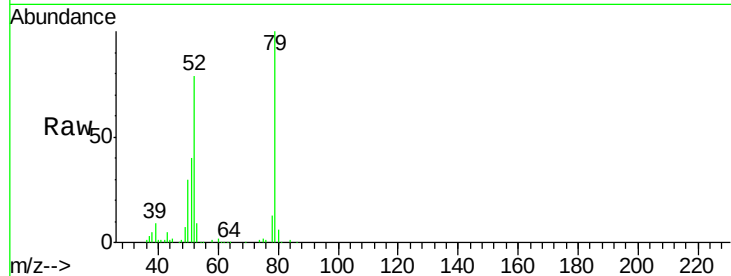
ClientSampleId :

BU-03-042018MS

Tot Ion:	79	Resp:	163465
Ion Ratio	Lower	Upper	
79	100		
52	79.4	69.9	104.9
51	39.9	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 37.405 ng

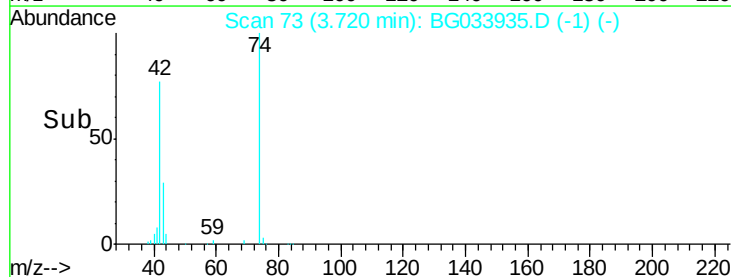
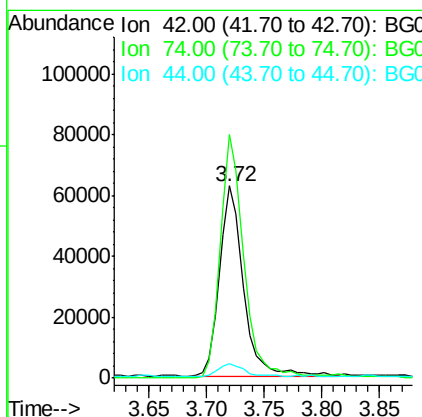
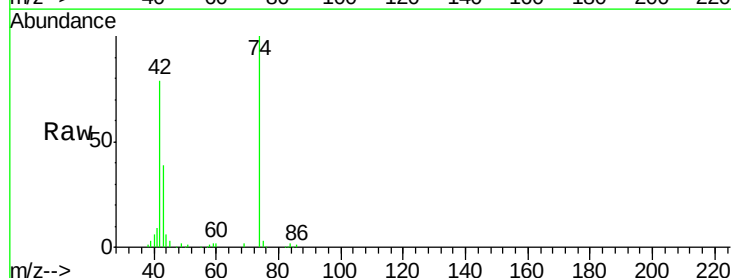
RT: 3.72 min Scan# 73

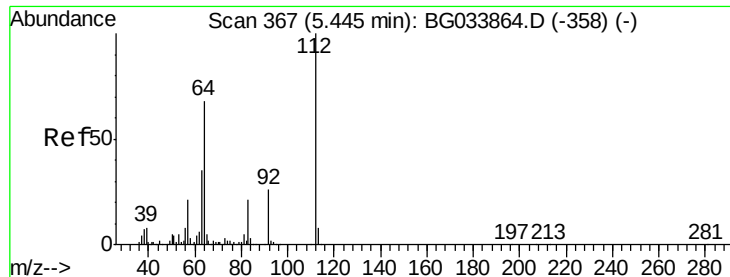
Delta R.T. -0.00 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Tgt Ion:	42	Resp:	90130
Ion Ratio	Lower	Upper	
42	100		
74	126.9	102.5	153.7
44	7.8	18.9	28.3#





#5

2-Fluorophenol

Concen: 117.165 ng

RT: 5.44 min Scan# 366

Delta R.T. -0.00 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Instrument :

BNA_G

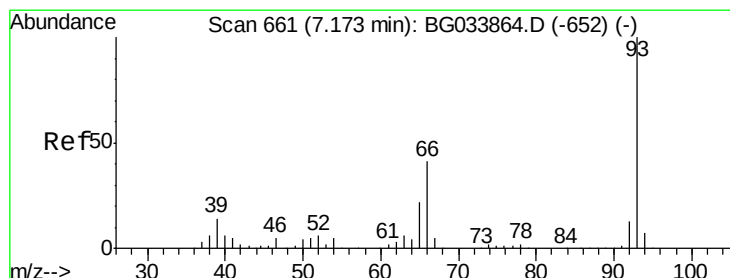
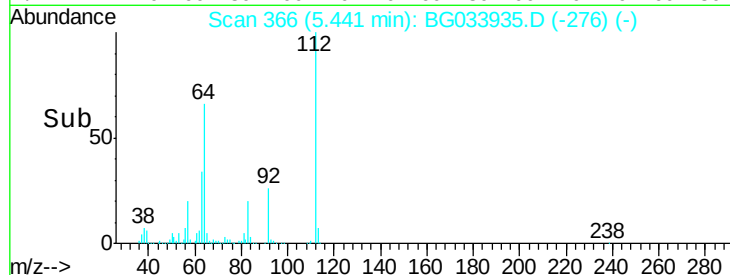
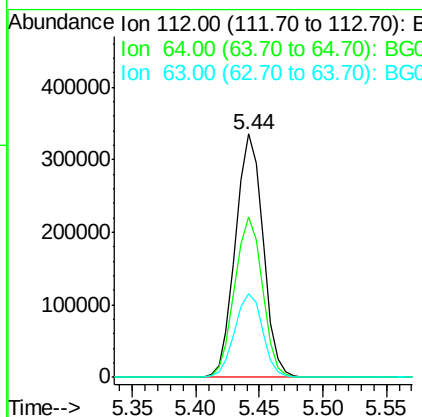
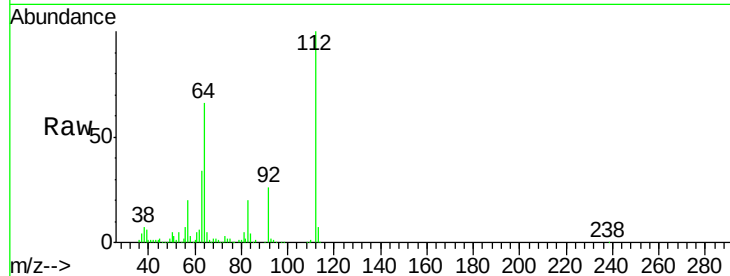
ClientSampleId :

BU-03-042018MS

Tot Ion:	112	Resp:	506865
Ion Ratio	Lower	Upper	
112	100		
64	65.8	56.3	84.5
63	34.3	30.1	45.1

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#6

Aniline

Concen: 14.673 ng

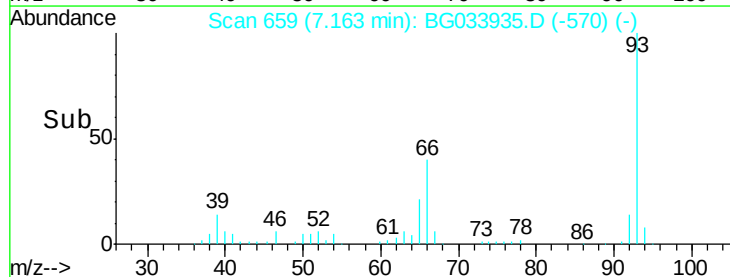
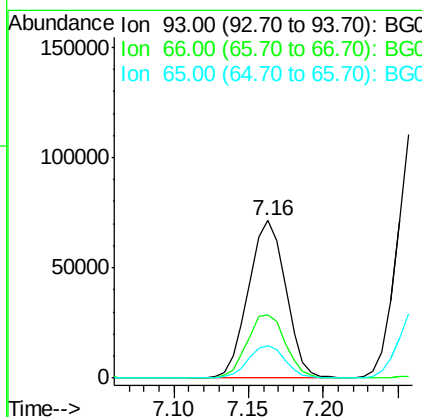
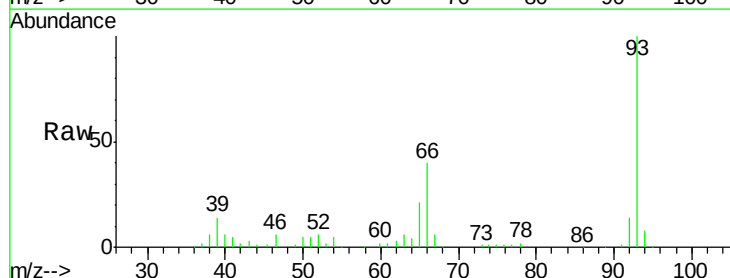
RT: 7.16 min Scan# 659

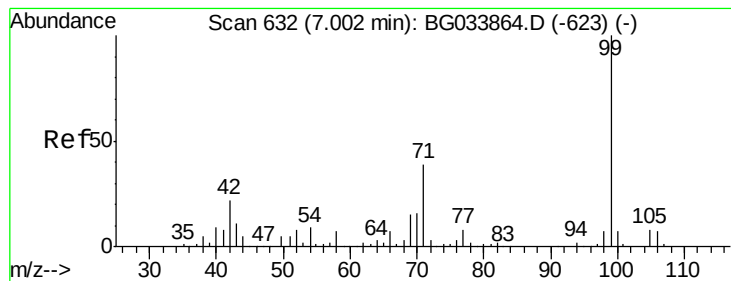
Delta R.T. -0.01 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Tgt Ion:	93	Resp:	123756
Ion Ratio	Lower	Upper	
93	100		
66	39.9	33.7	50.5
65	20.9	16.1	24.1





#7

Phenol-d6

Concen: 100.662 ng

RT: 7.00 min Scan# 632

Delta R.T. 0.00 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Instrument :

BNA_G

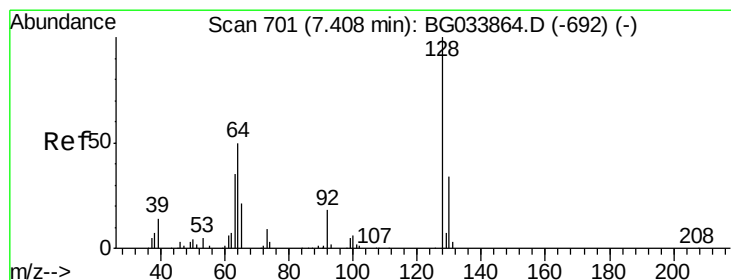
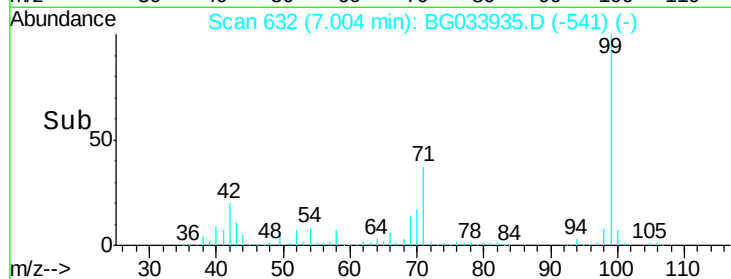
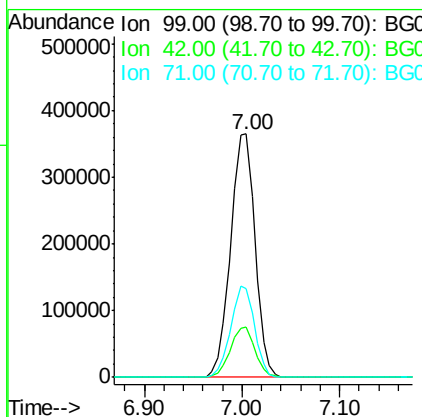
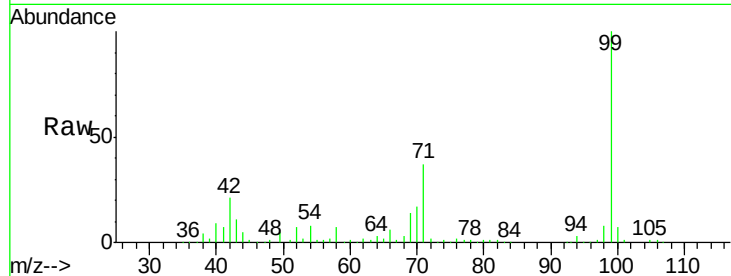
ClientSampleId :

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Tot Ion:	99	Resp:	635156
Ion Ratio	Lower	Upper	
99	100		
42	20.6	14.1	21.1
71	36.6	26.1	39.1

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#8

2-Chlorophenol

Concen: 39.273 ng

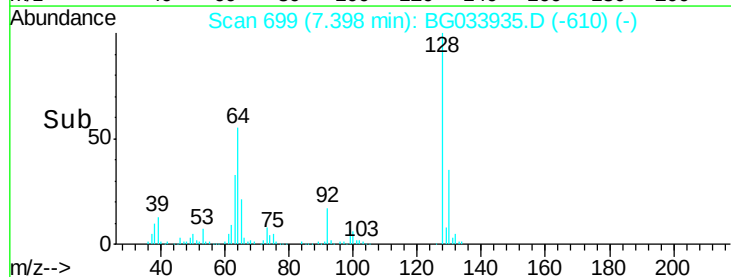
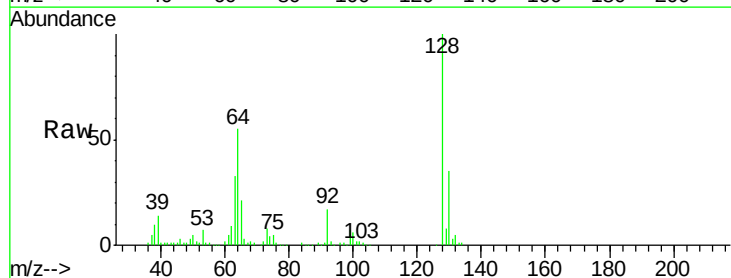
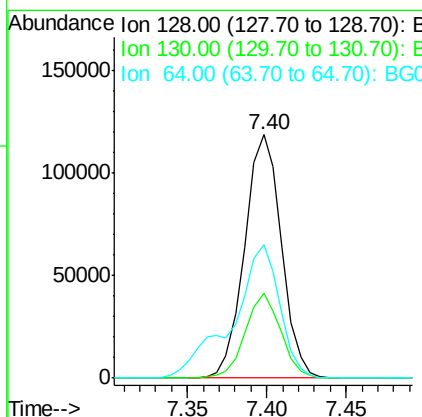
RT: 7.40 min Scan# 699

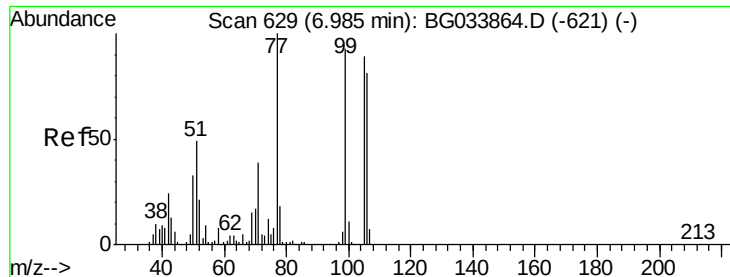
Delta R.T. -0.01 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Tgt Ion:	128	Resp:	190372
Ion Ratio	Lower	Upper	
128	100		
130	35.0	14.0	54.0
64	54.6	37.7	77.7





#9

Benzaldehyde

Concen: 29.446 ng

RT: 6.97 min Scan# 627

Delta R.T. -0.01 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Instrument :

BNA_G

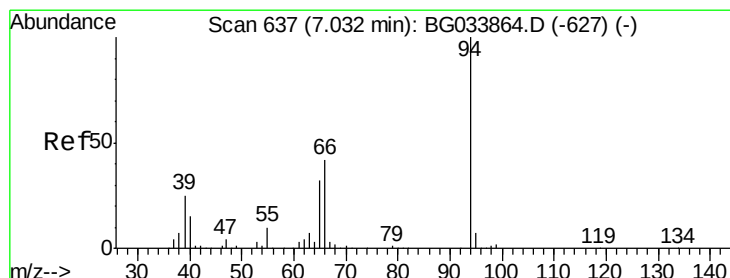
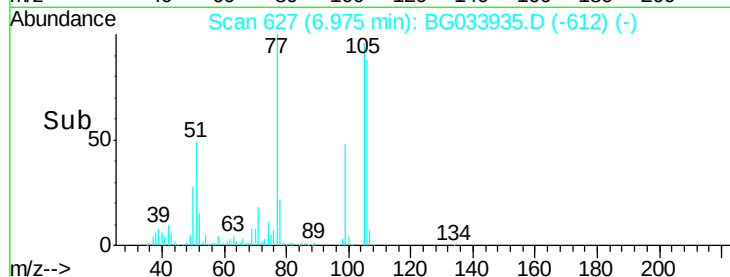
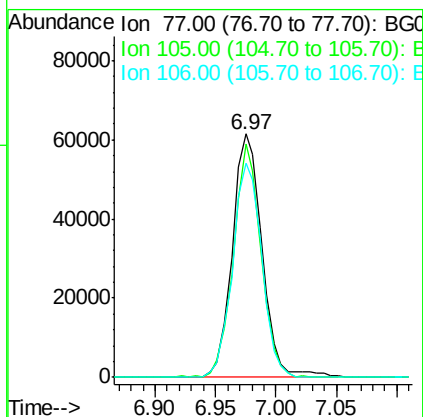
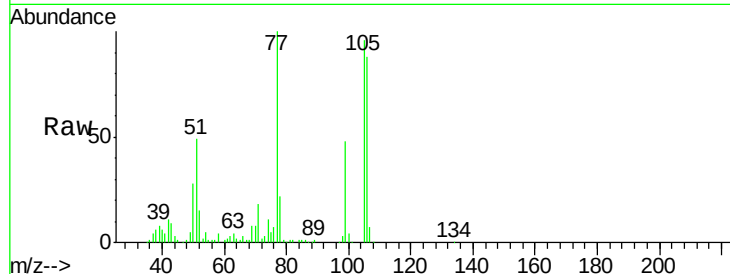
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Tot Ion:	77	Resp:	105892
Ion Ratio	Lower	Upper	
77	100		
105	96.1	71.3	111.3
106	87.9	64.2	104.2

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#10

Phenol

Concen: 34.103 ng

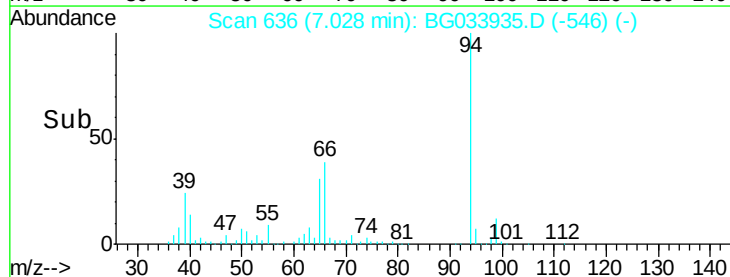
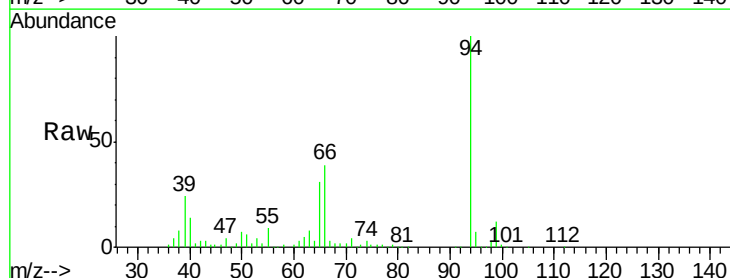
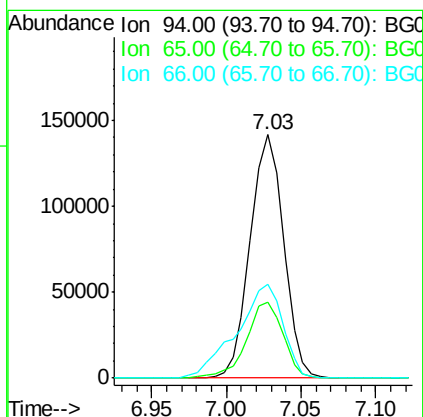
RT: 7.03 min Scan# 636

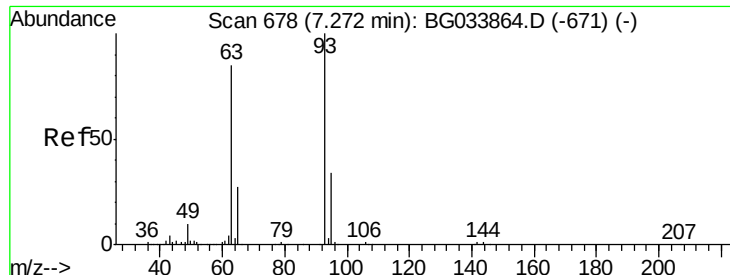
Delta R.T. -0.00 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Tgt Ion:	94	Resp:	220443
Ion Ratio	Lower	Upper	
94	100		
65	31.2	11.9	51.9
66	38.7	22.2	62.2





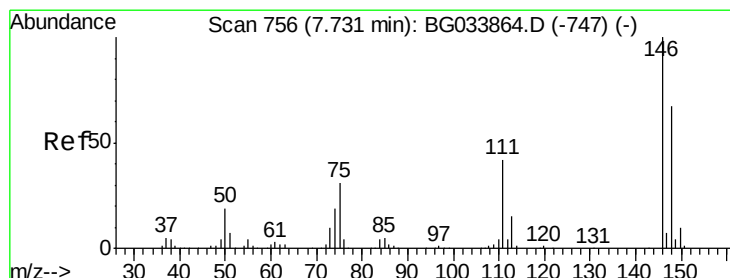
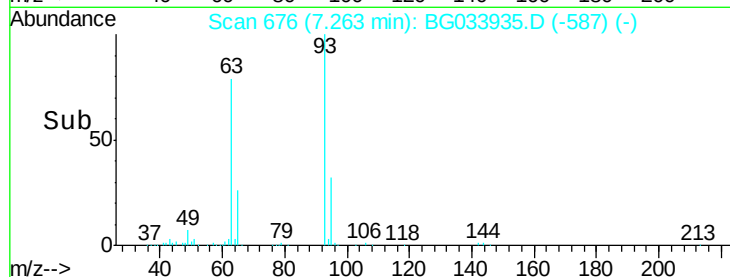
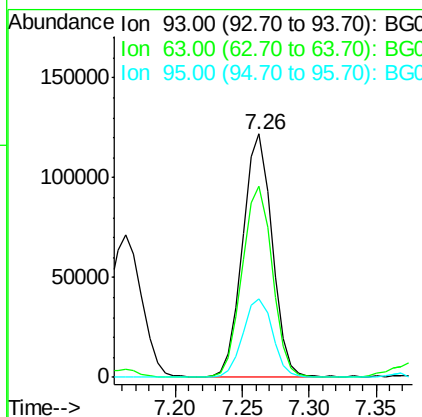
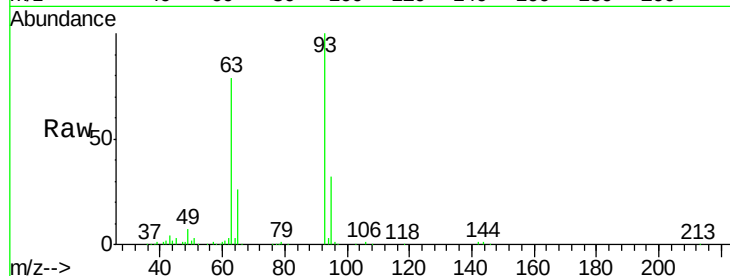
#11
bis(2-Chloroethyl)ether
Concen: 37.578 ng
RT: 7.26 min Scan# 676
Delta R.T. -0.01 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.5	67.1	107.1
95	32.2	11.5	51.5

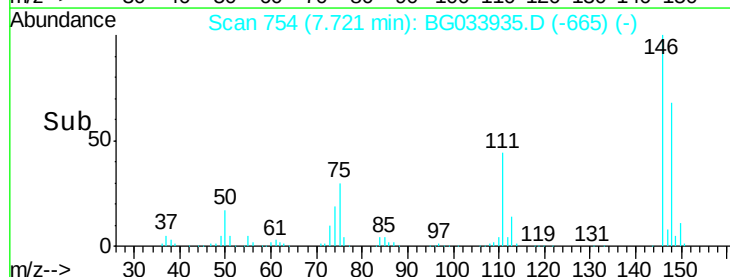
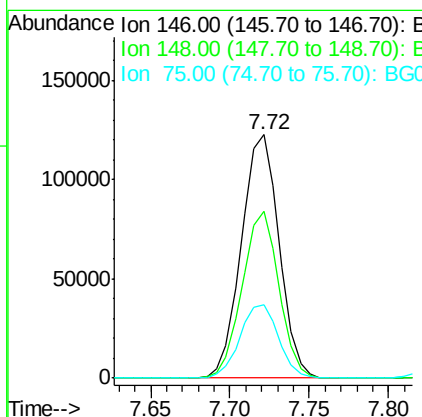
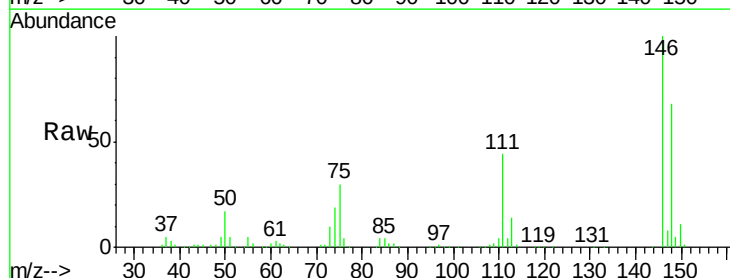
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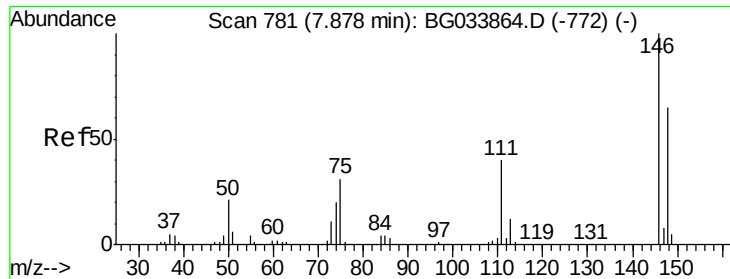
Sohil
4/24/2018 4:37:36 PM



#12
1,3-Dichlorobenzene
Concen: 36.366 ng
RT: 7.72 min Scan# 754
Delta R.T. -0.01 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.4	51.4	77.2
75	30.0	26.6	39.8





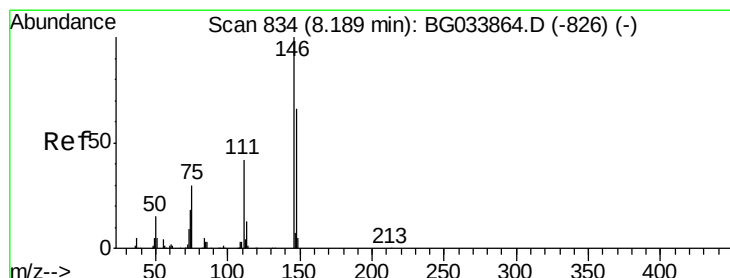
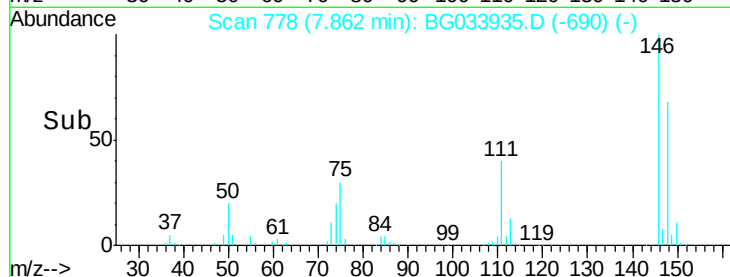
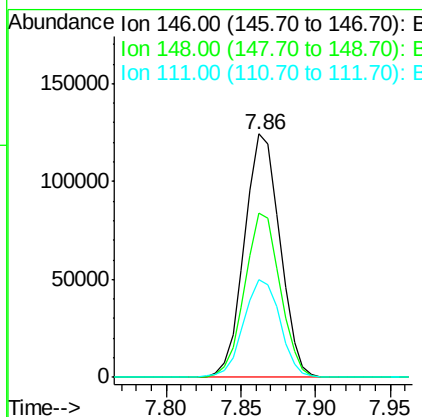
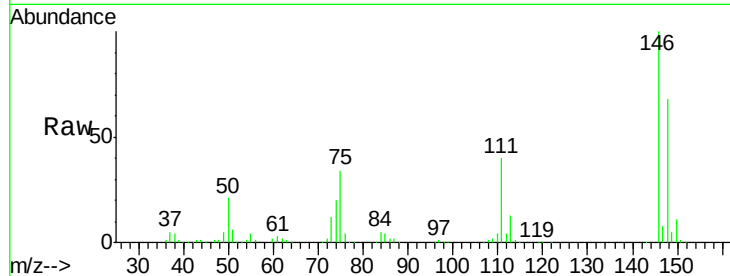
#13
 1,4-Dichlorobenzene
 Concen: 36.196 ng
 RT: 7.86 min Scan# 778
 Delta R.T. -0.02 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		204572		
148	67.6	53.7		80.5	
111	40.1	35.2		52.8	

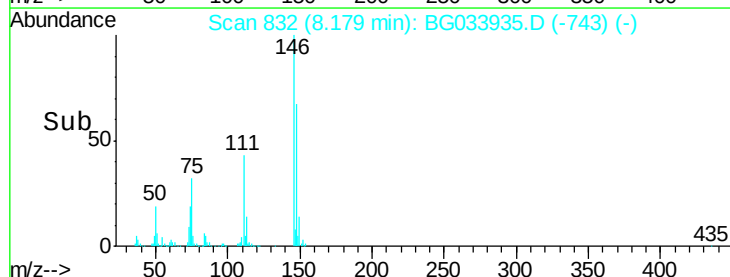
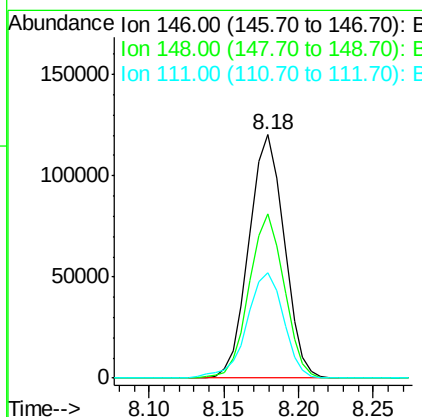
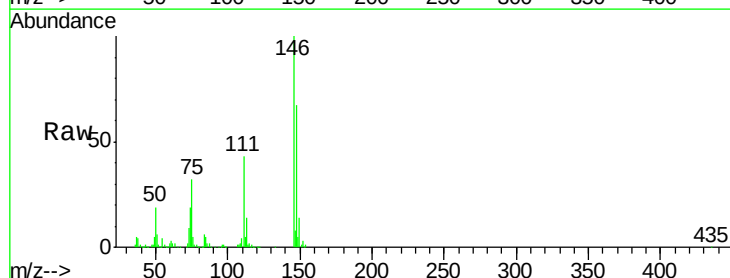
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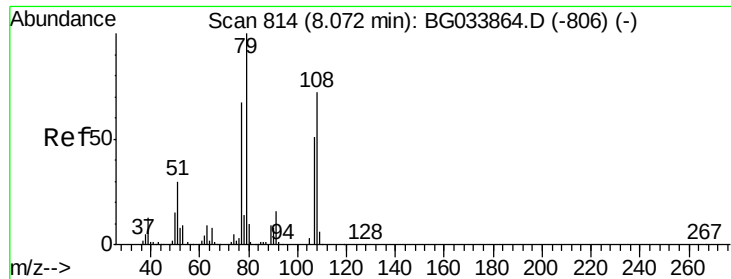
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 35.752 ng
 RT: 8.18 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		196504		
148	67.3	49.3		73.9	
111	43.3	34.3		51.5	





#15

Benzyl Alcohol

Concen: 36.512 ng

RT: 8.07 min Scan# 813

Delta R.T. -0.00 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Instrument :

BNA_G

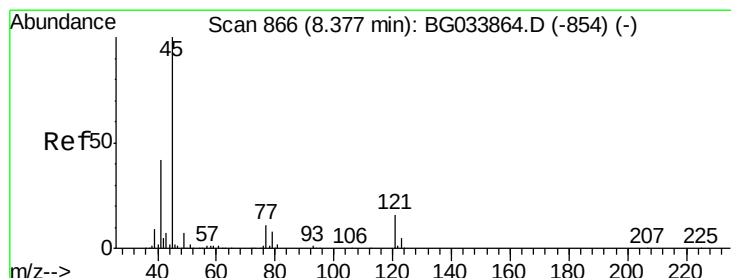
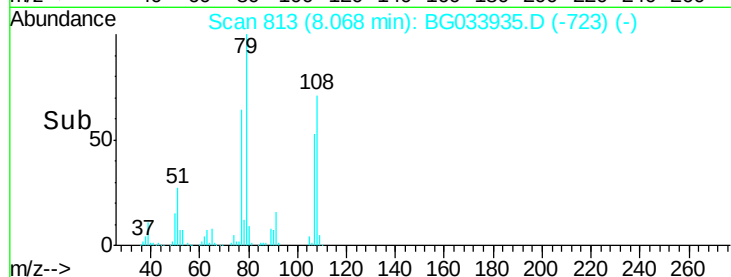
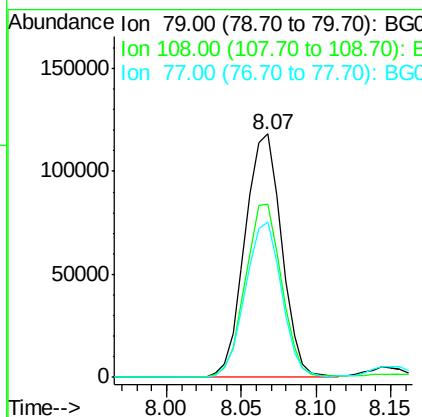
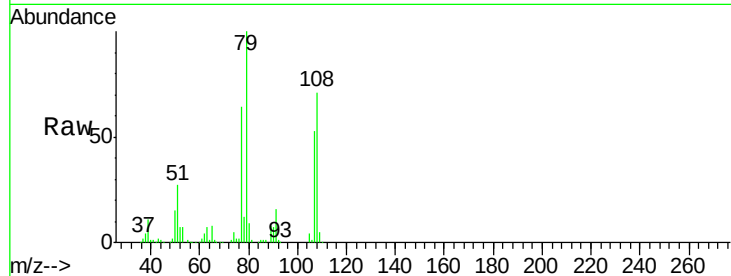
ClientSampleId :

BU-03-042018MS

Tot Ion:	79	Resp:	200895
Ion Ratio	Lower	Upper	
79	100		
108	71.2	57.2	85.8
77	63.8	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.444 ng

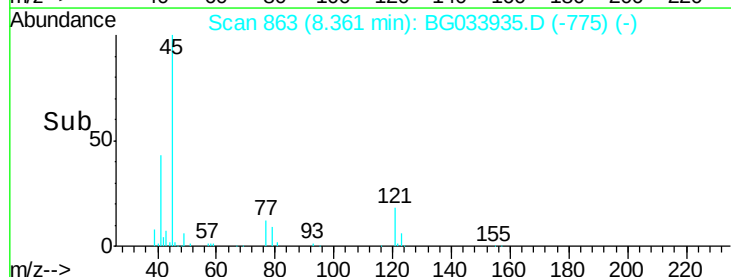
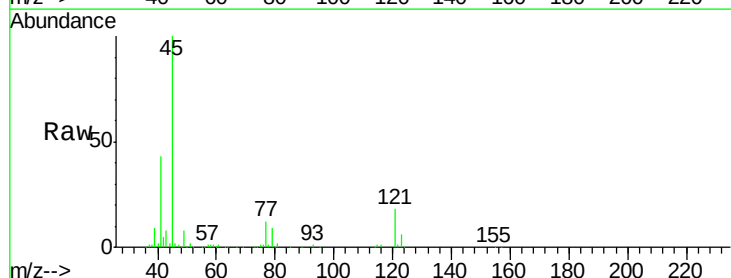
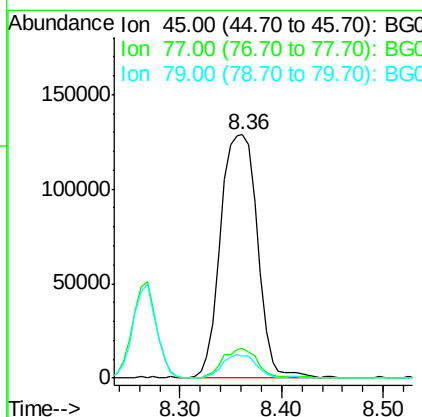
RT: 8.36 min Scan# 863

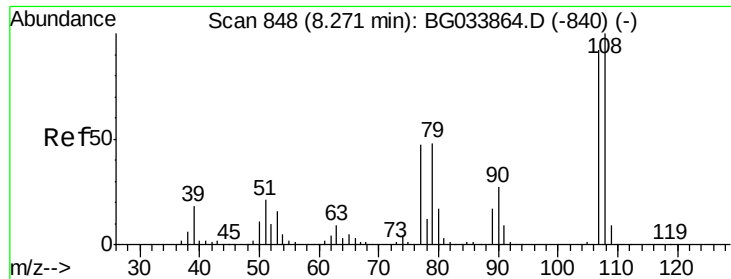
Delta R.T. -0.02 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Tgt Ion:	45	Resp:	322486
Ion Ratio	Lower	Upper	
45	100		
77	12.2	0.0	30.2
79	9.3	0.0	27.9





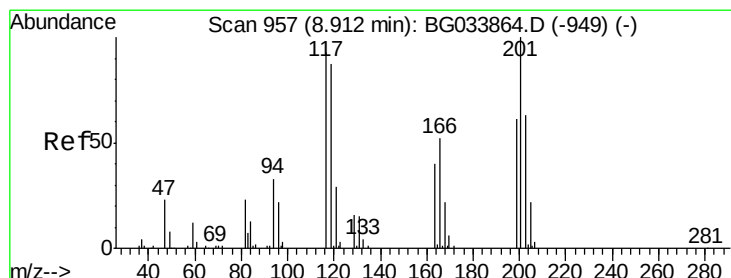
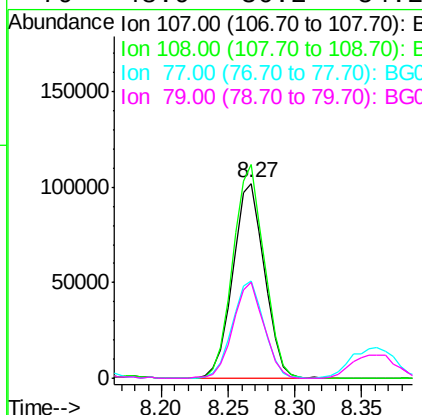
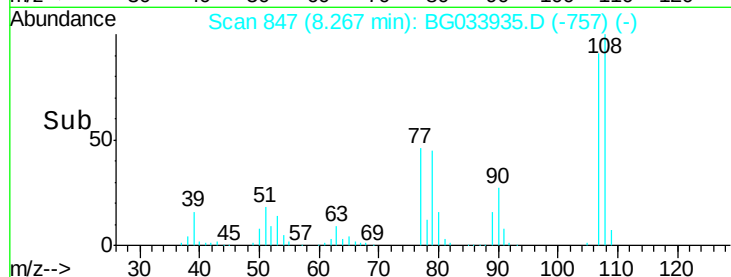
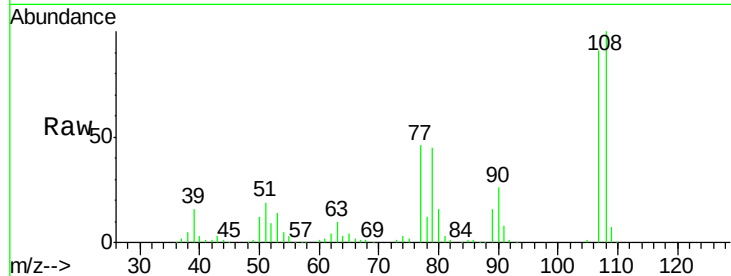
#17
2-Methylphenol
Concen: 34.999 ng
RT: 8.27 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.4	83.9	125.9
77	50.1	37.2	55.8
79	48.9	36.2	54.2

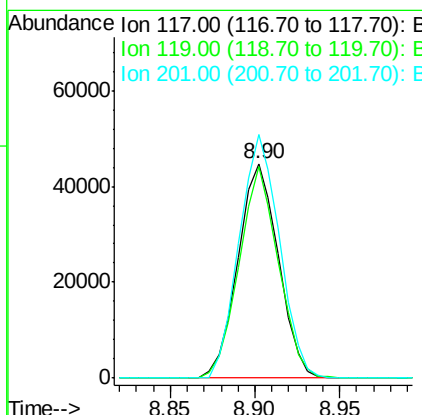
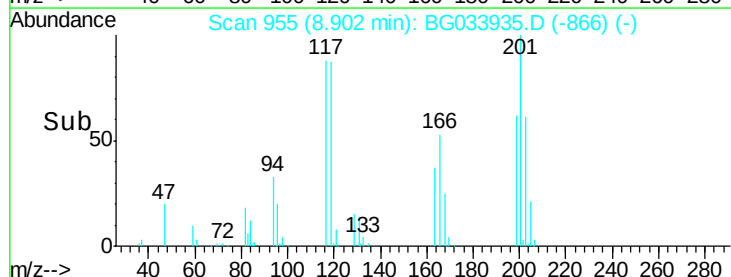
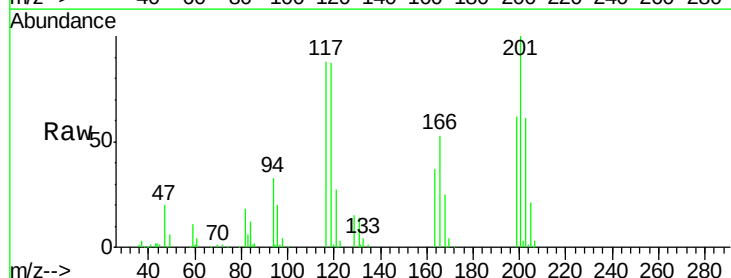
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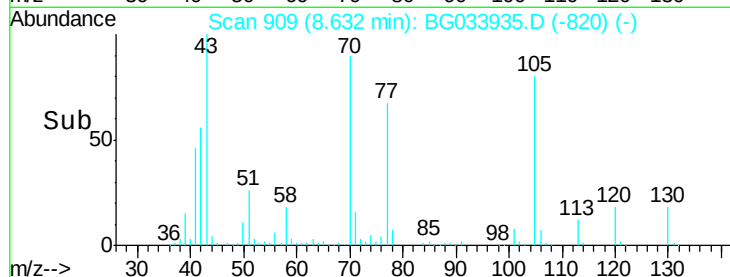
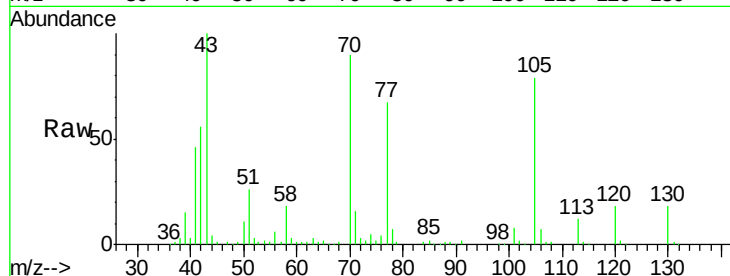
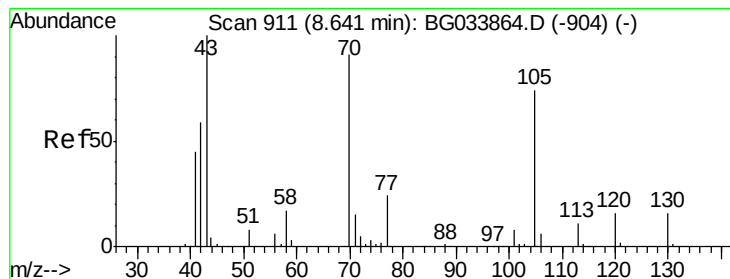
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#18
Hexachloroethane
Concen: 36.103 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	76.7	115.1
201	113.5	95.7	143.5





#19

n-Nitroso-di-n-propylamine

Concen: 31.835 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.01 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		171227		
42	62.6	49.1	73.7		
101	8.6	8.5	12.7		
130	19.8	13.4	20.0		

Instrument :

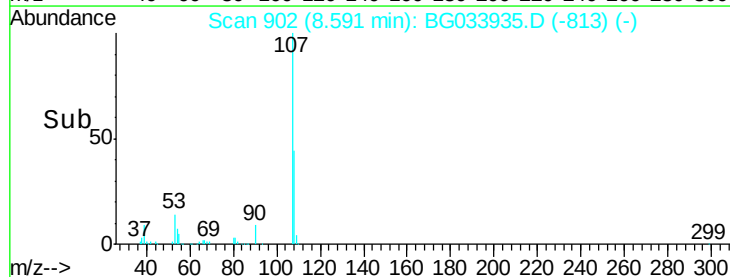
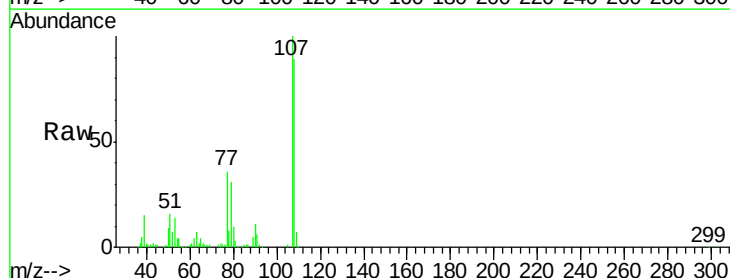
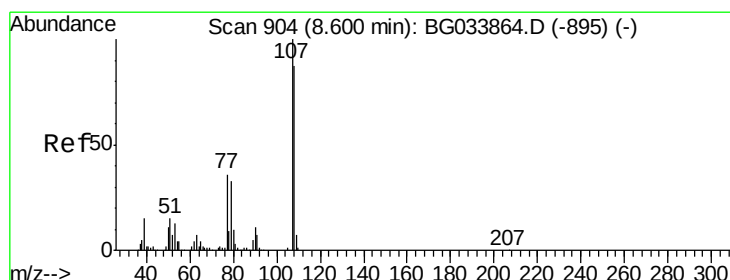
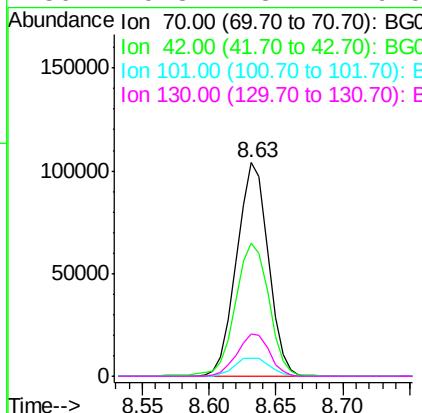
BNA_G

ClientSampleId :

BU-03-042018MS

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#20

3+4-Methylphenols

Concen: 33.413 ng

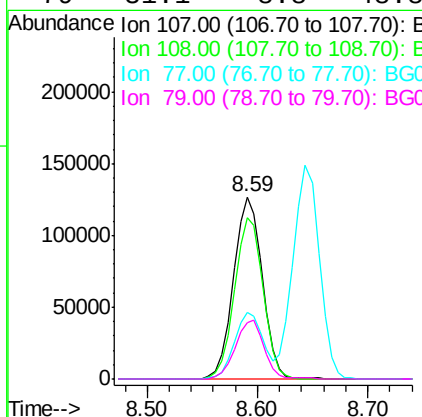
RT: 8.59 min Scan# 902

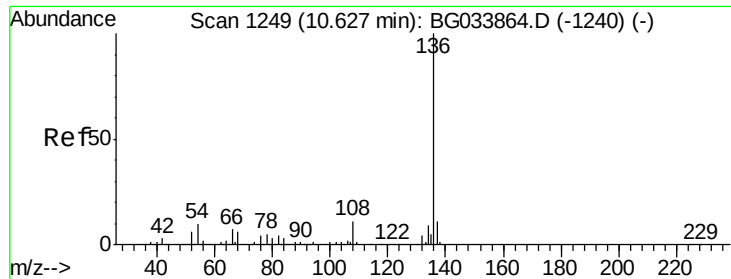
Delta R.T. -0.01 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		232563		
108	88.9	61.6	101.6		
77	36.5	13.9	53.9		
79	31.1	8.8	48.8		





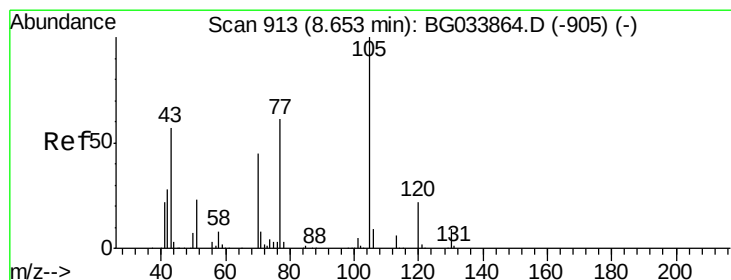
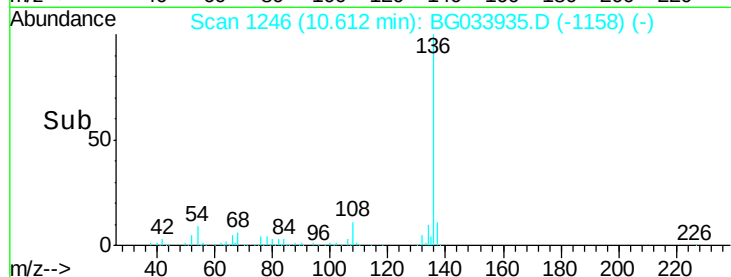
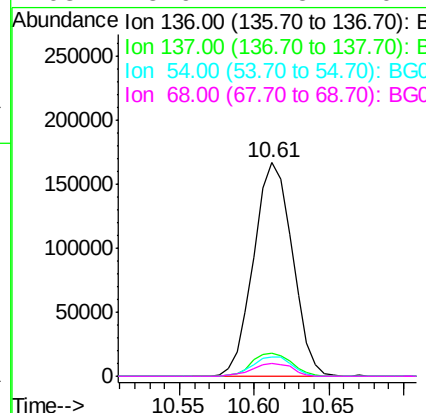
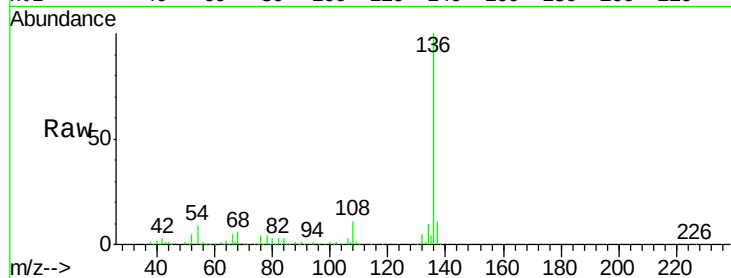
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	299707		
137	10.7	9.2	13.8	
54	8.9	10.3	15.5	
68	5.9	4.5	6.7	

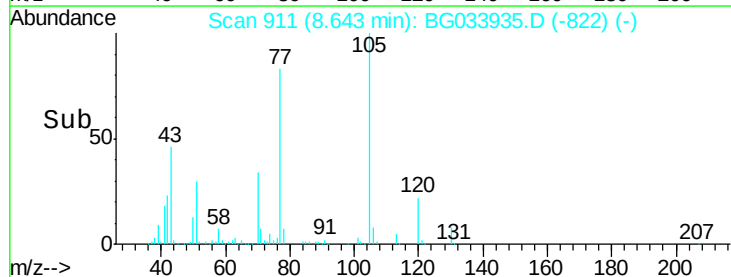
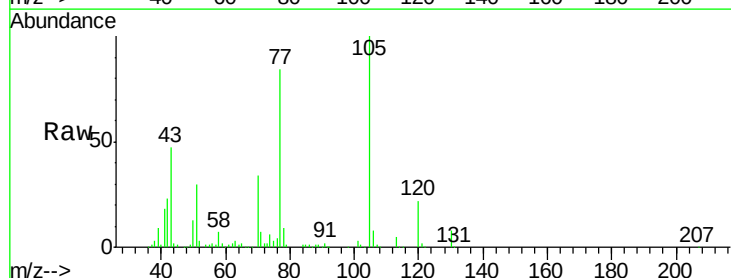
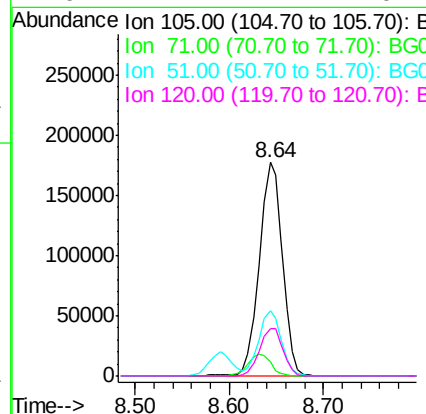
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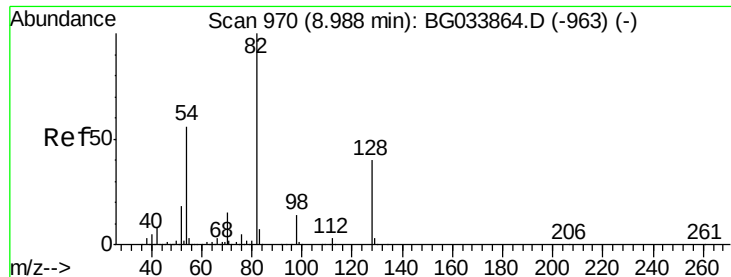
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#22
Acetophenone
Concen: 37.062 ng
RT: 8.64 min Scan# 911
Delta R.T. -0.01 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	302324		
71	6.5	3.0	4.4	
51	30.3	26.1	39.1	
120	22.4	17.4	26.2	





#23

Nitrobenzene-d5

Concen: 88.974 ng

RT: 8.98 min Scan# 968

Delta R.T. -0.01 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Instrument :

BNA_G

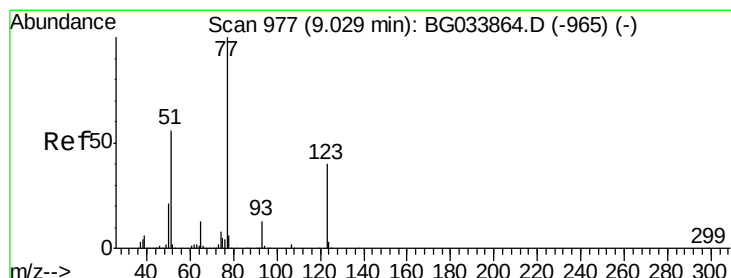
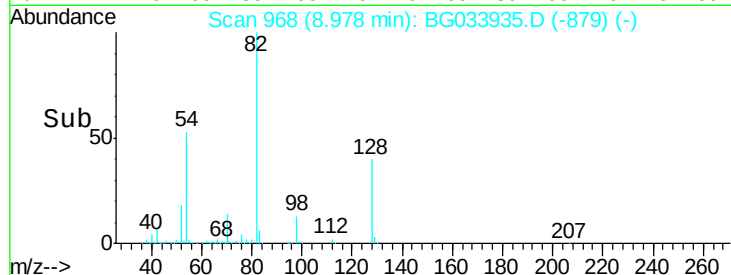
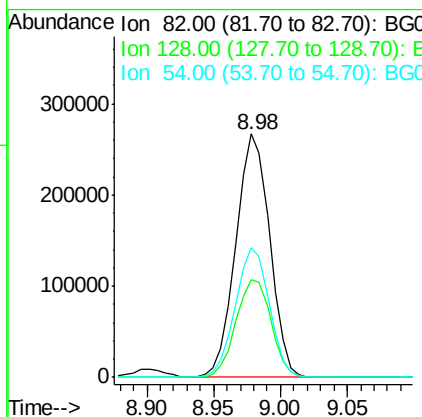
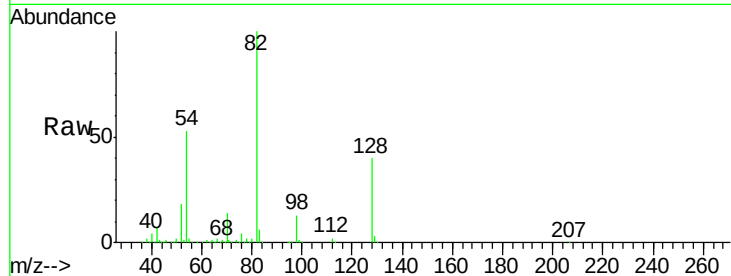
ClientSampleId :

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Tot Ion:	82	Resp:	468569
Ion Ratio		Lower	Upper
82	100		
128	40.3	29.7	44.5
54	53.3	43.1	64.7

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#24

Nitrobenzene

Concen: 41.636 ng

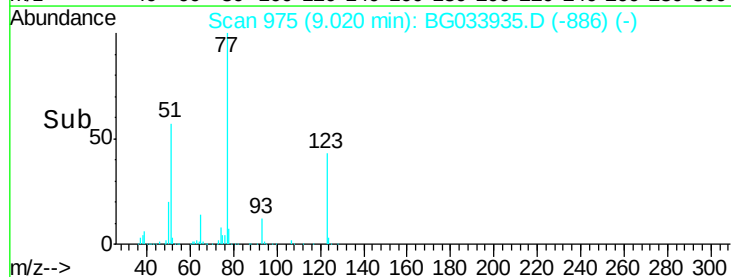
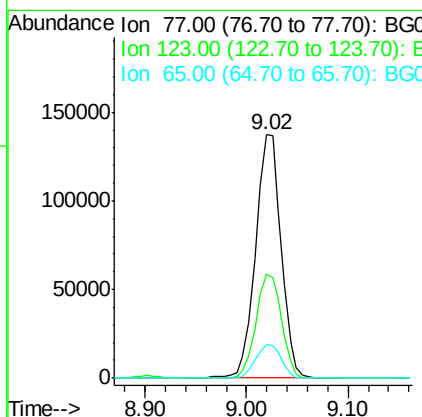
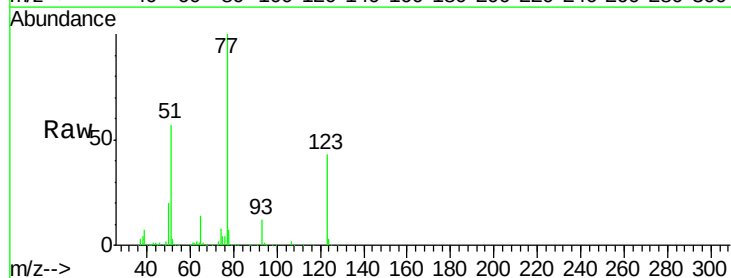
RT: 9.02 min Scan# 975

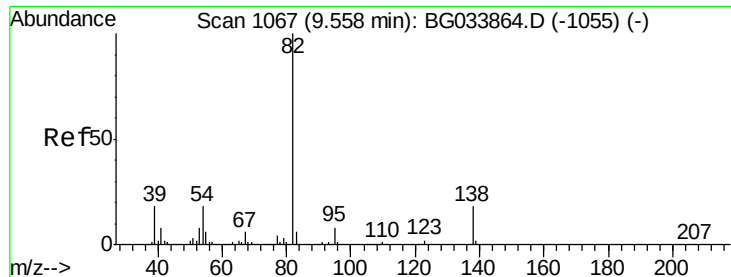
Delta R.T. -0.01 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Tgt Ion:	77	Resp:	238941
Ion Ratio		Lower	Upper
77	100		
123	42.8	33.0	49.6
65	13.7	13.0	19.6





#25

Isophorone

Concen: 39.282 ng

RT: 9.54 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Instrument :

BNA_G

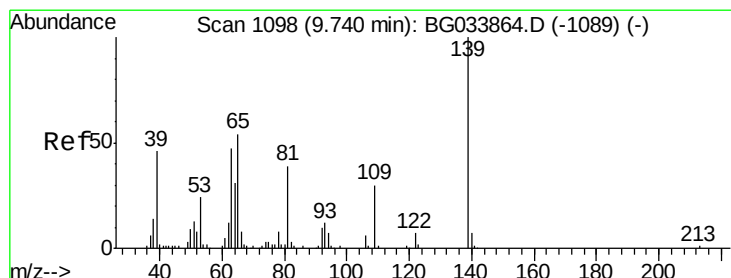
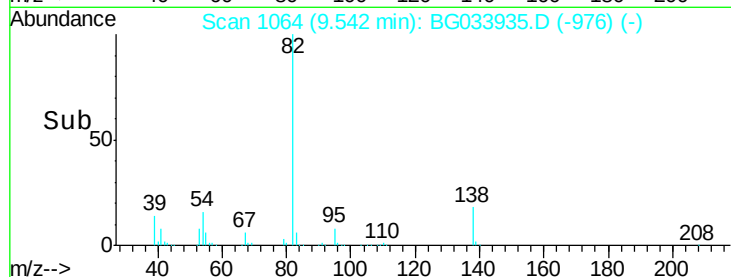
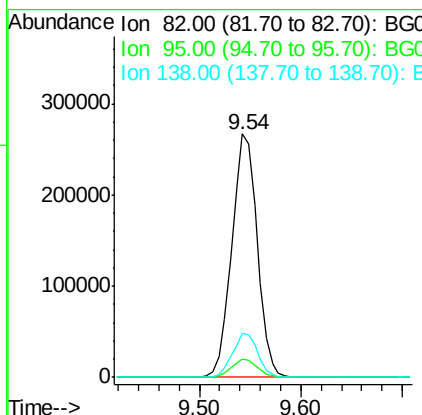
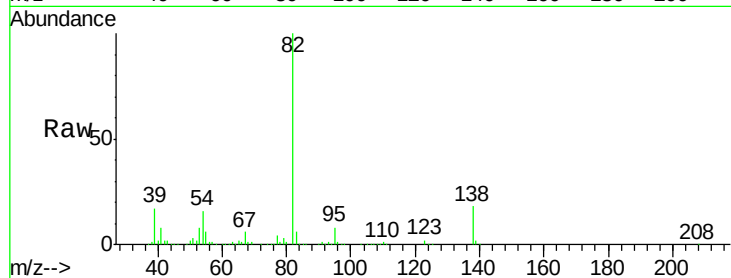
ClientSampleId :

BU-03-042018MS

Tot Ion:	82	Resp:	465111
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.2	9.2
138	17.8	12.1	18.1

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#26

2-Nitrophenol

Concen: 47.957 ng

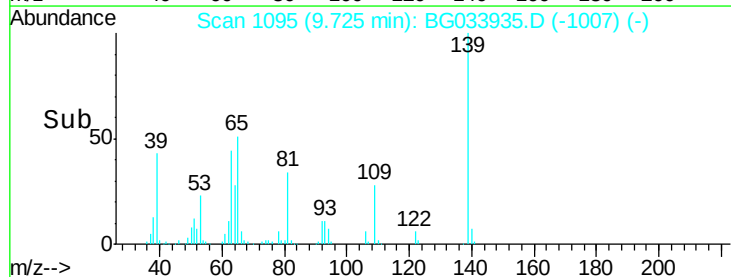
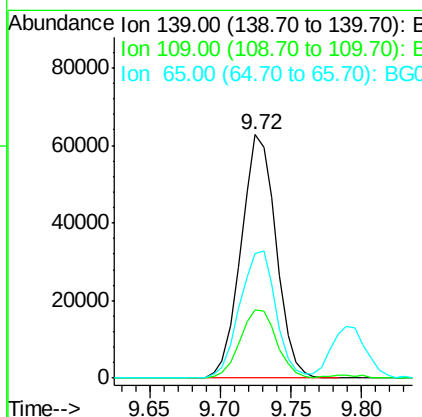
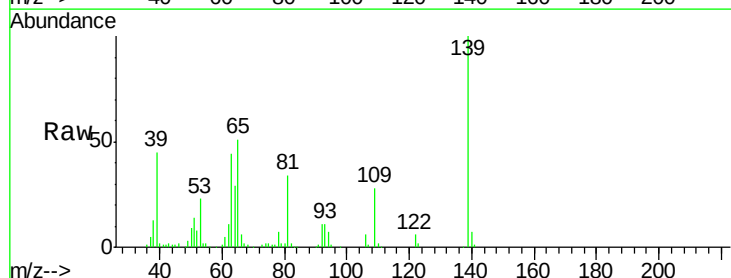
RT: 9.72 min Scan# 1095

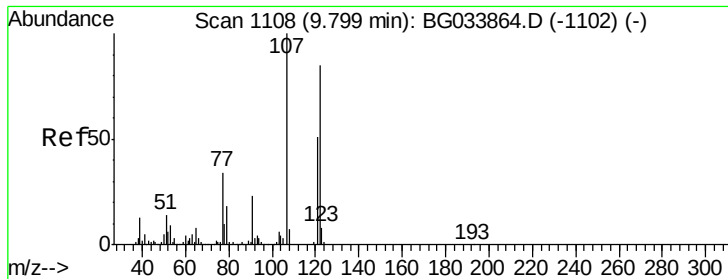
Delta R.T. -0.02 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Tgt Ion:	139	Resp:	108743
Ion Ratio	Lower	Upper	
139	100		
109	27.8	24.2	36.2
65	51.2	47.4	71.0





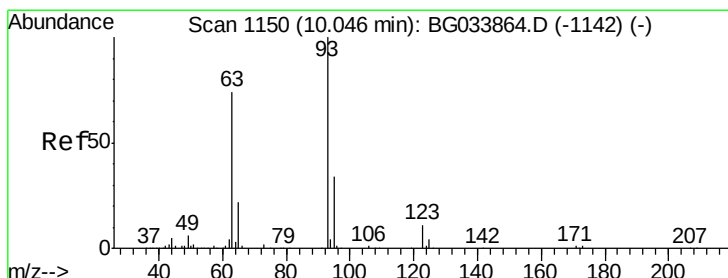
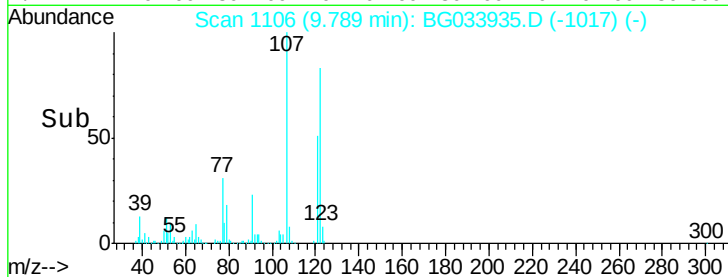
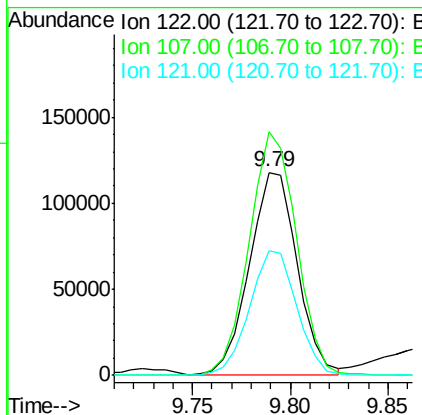
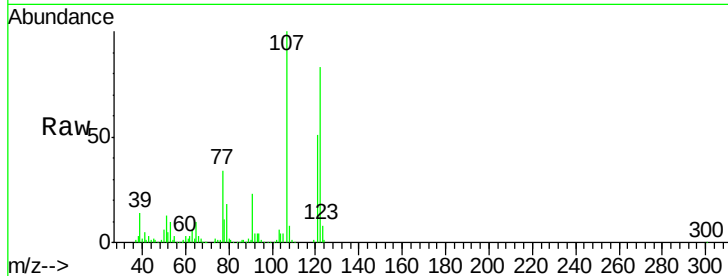
#27
 2,4-Dimethylphenol
 Concen: 47.133 ng
 RT: 9.79 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		199904		
107	119.9	100.2	150.2		
121	61.4	44.4	66.6		

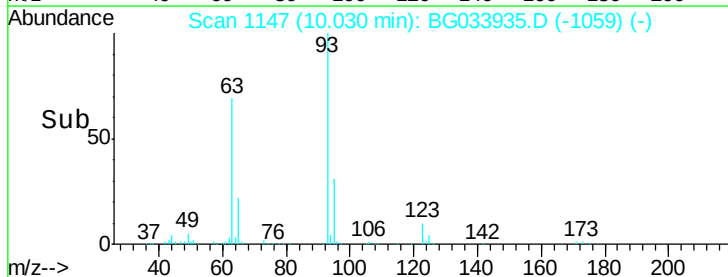
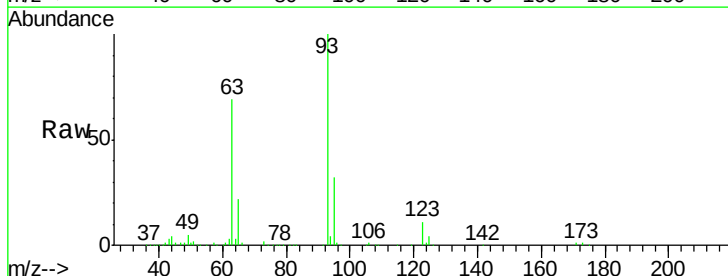
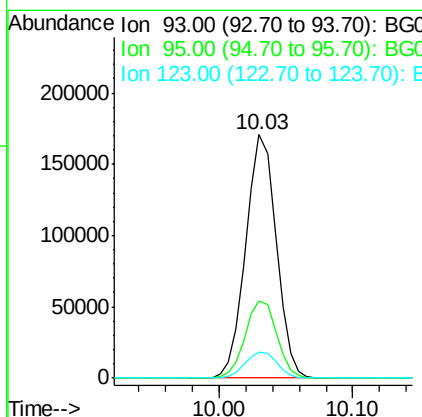
Manual Integrations
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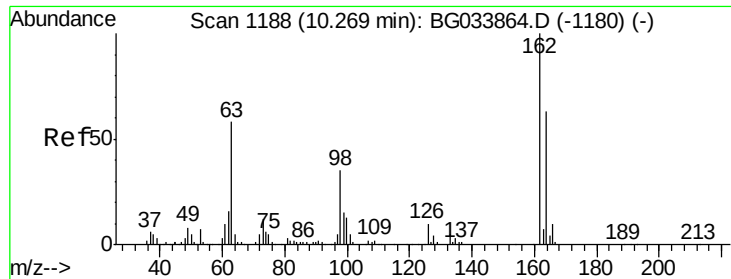
Sohil
 4/24/2018 4:37:36 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.001 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		269084		
95	31.9	24.3	36.5		
123	10.6	8.4	12.6		





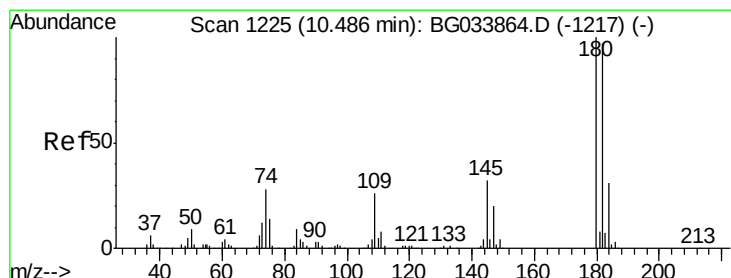
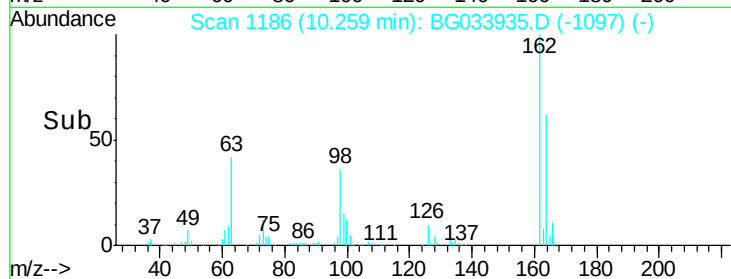
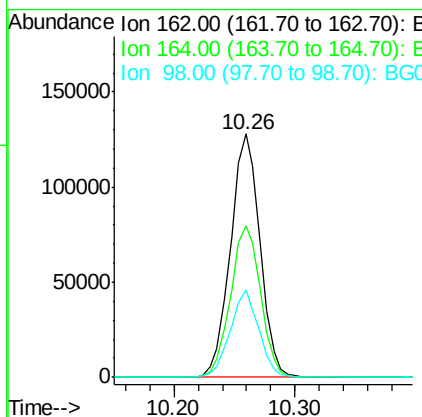
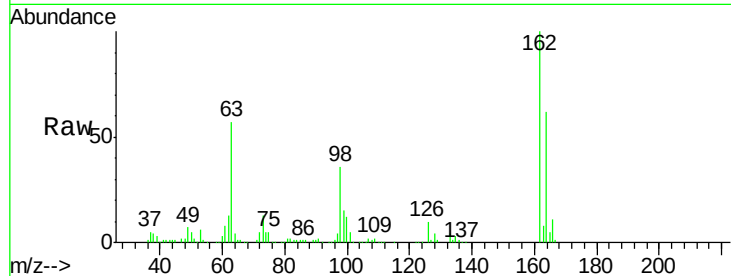
#29
2,4-Dichlorophenol
Concen: 45.889 ng
RT: 10.26 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	216967		
164	62.2	48.0	88.0	
98	36.0	21.1	61.1	

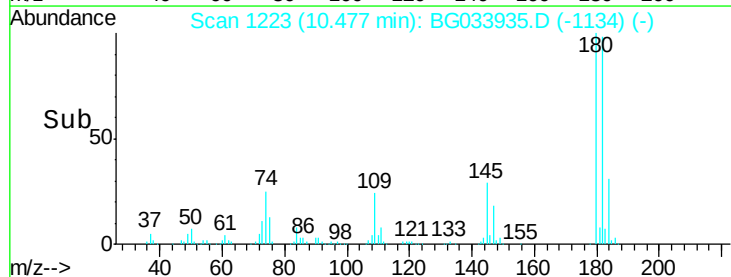
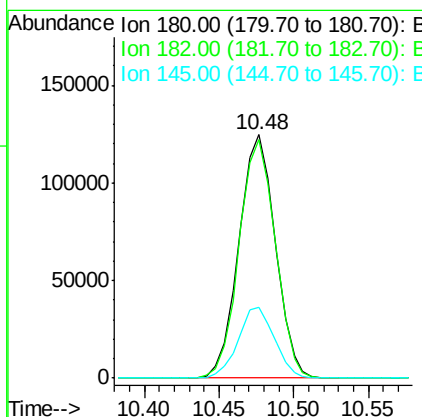
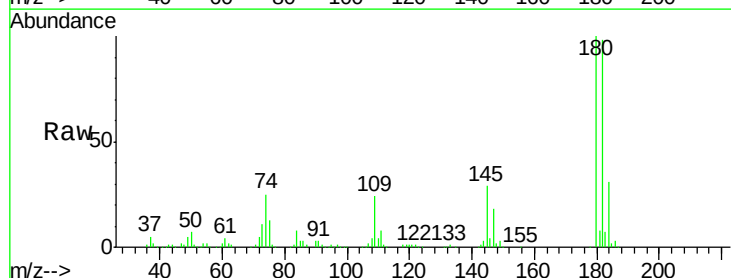
Manual Integrations
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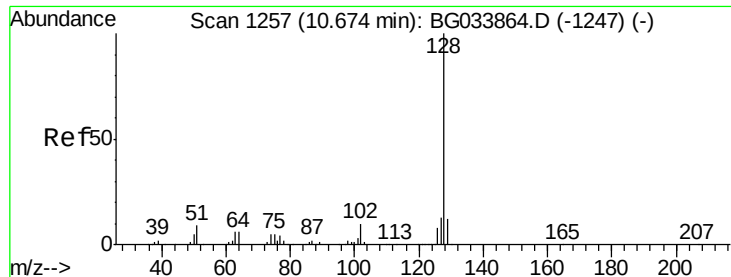
Sohil
4/24/2018 4:37:36 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.775 ng
RT: 10.48 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	210631		
182	97.9	77.5	116.3	
145	29.1	23.4	35.2	





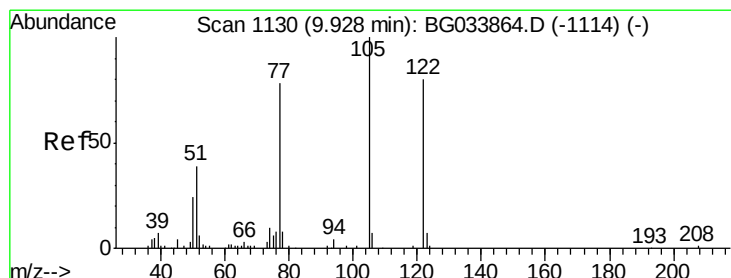
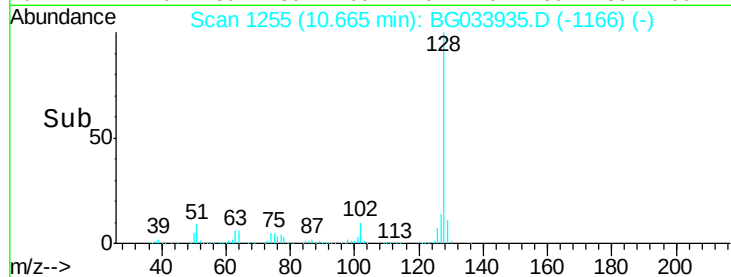
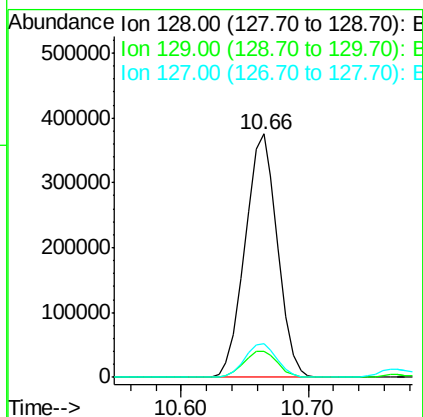
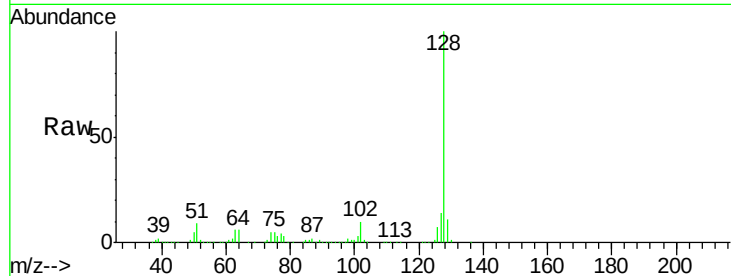
#31
Naphthalene
Concen: 43.032 ng
RT: 10.66 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	663212		
129	10.9		8.6	12.8
127	13.6		11.6	17.4

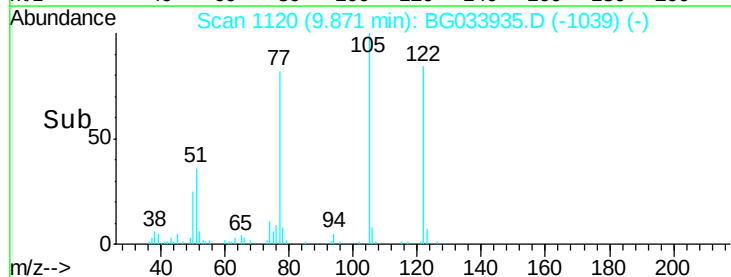
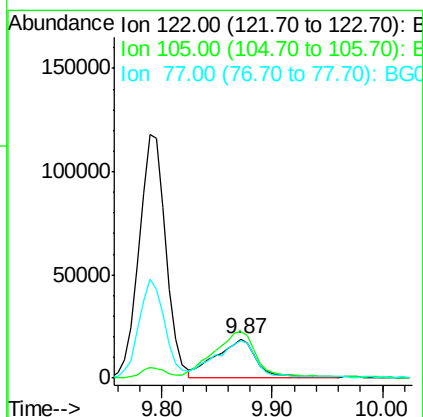
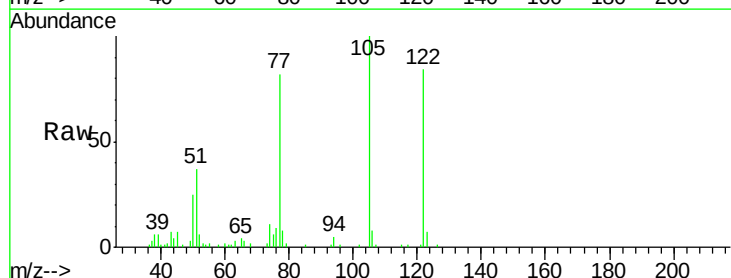
Manual Integrations
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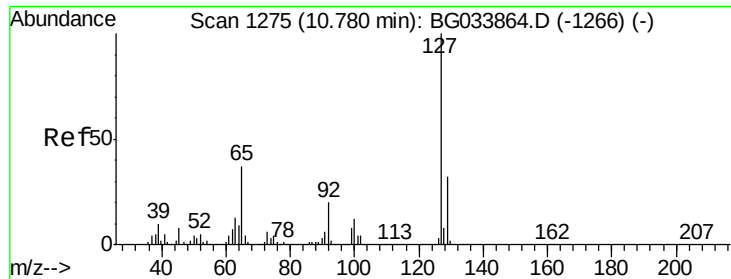
Sohil
4/24/2018 4:37:36 PM



#32
Benzoic acid
Concen: 15.176 ng
RT: 9.87 min Scan# 1120
Delta R.T. -0.06 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	47716		
105	118.7		123.5	163.5#
77	98.0		85.7	125.7





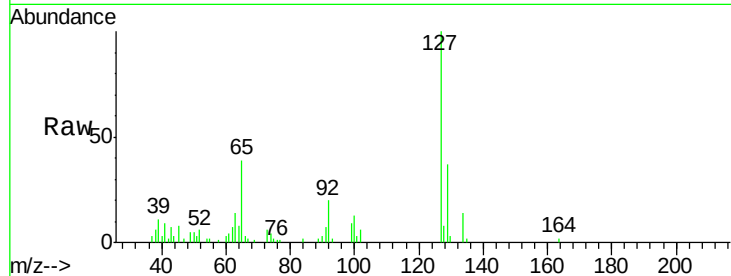
#33
4-Chloroaniline
Concen: 3.523 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		25521		
129	36.6	24.0	36.0#		
65	39.5	27.0	40.4		
92	20.3	16.6	25.0		

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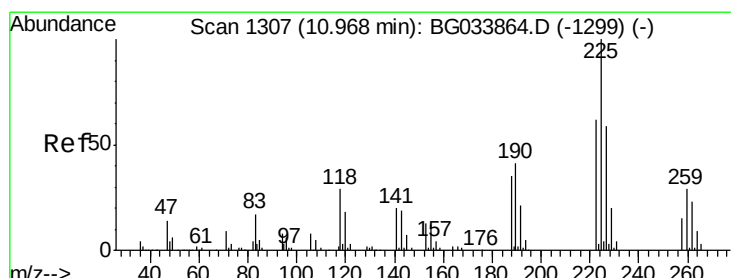
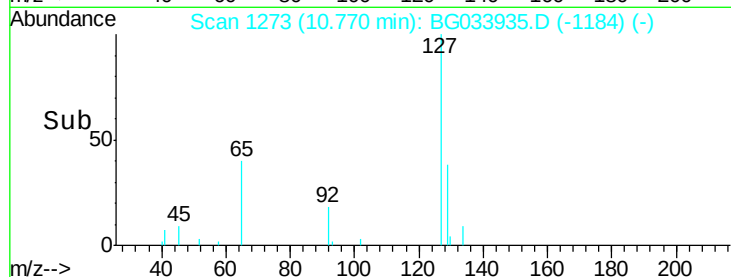
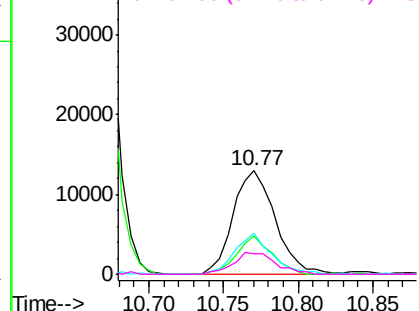
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

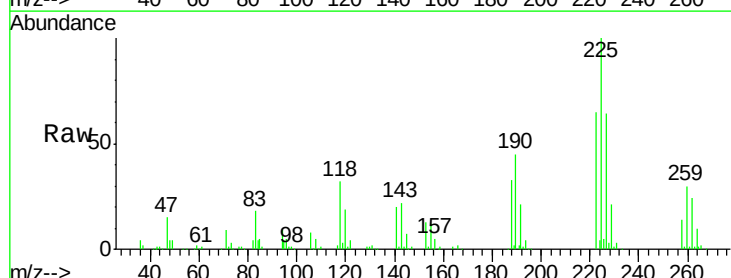
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 39.990 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		126685		
223	61.9	49.7	74.5		
227	63.6	48.1	72.1		

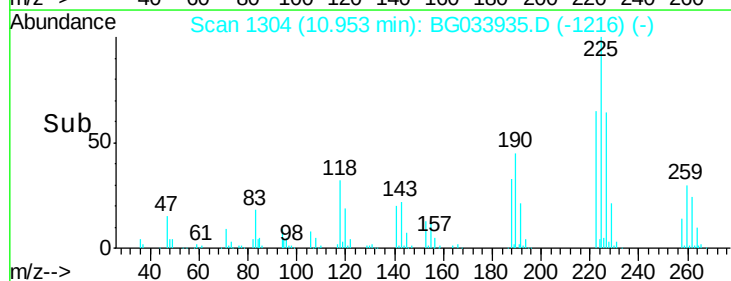
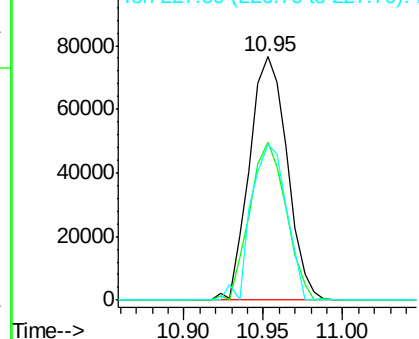


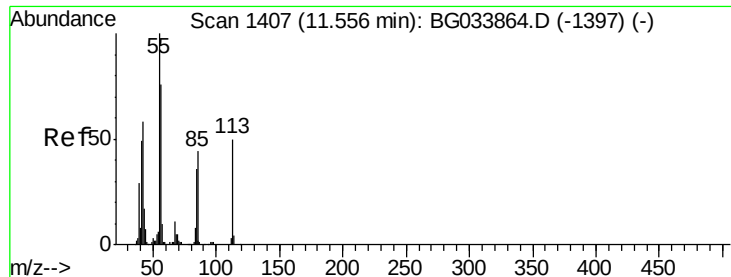
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 32.727 ng/mL

RT: 11.54 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Instrument :

BNA_G

ClientSampleId :

BU-03-042018MS

Tot Ion:113 Resp: 65787

Ion Ratio Lower Upper

113 100

55 172.7 186.9 226.9#

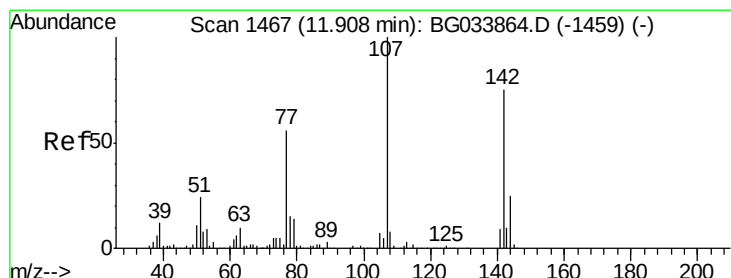
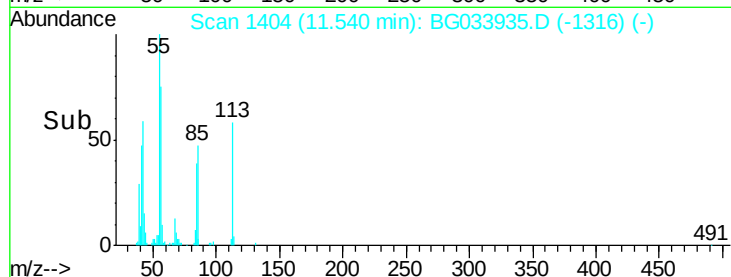
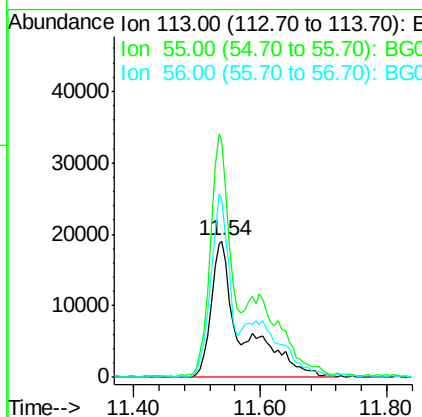
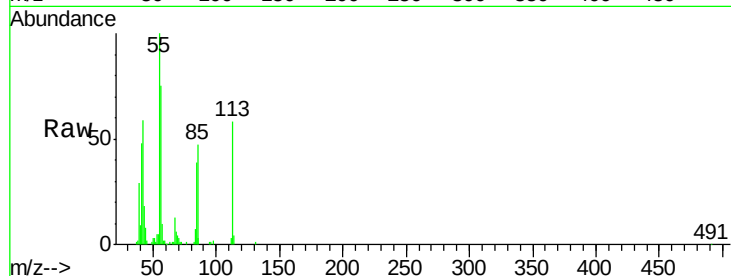
56 129.6 130.9 170.9#

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 41.972 ng/mL

RT: 11.90 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

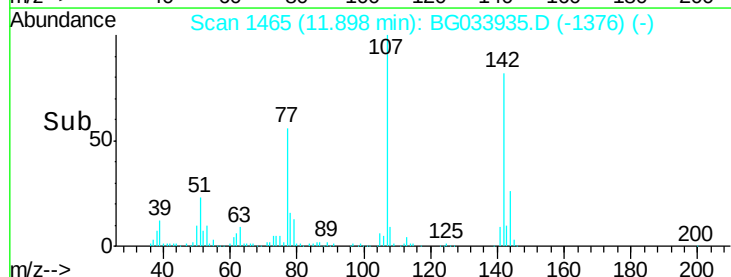
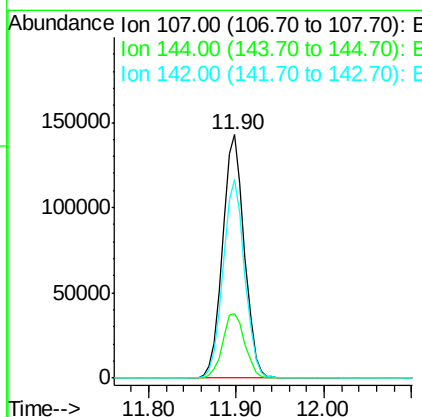
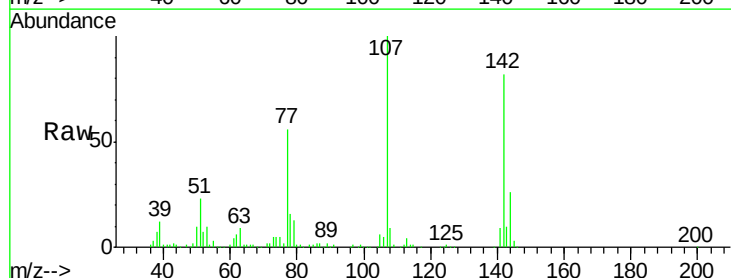
Tgt Ion:107 Resp: 242205

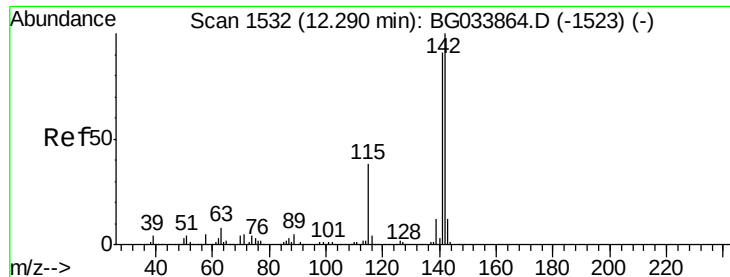
Ion Ratio Lower Upper

107 100

144 26.5 18.2 27.4

142 81.9 59.0 88.4





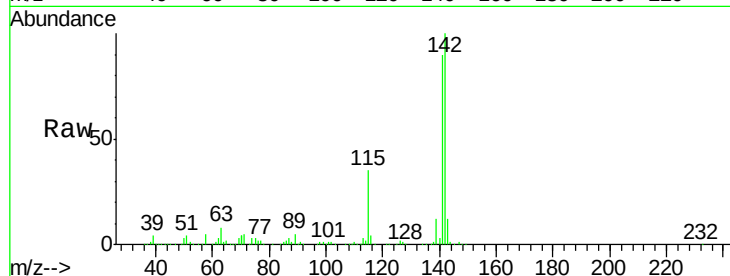
#37
2-Methylnaphthalene
Concen: 39.828 ng
RT: 12.27 min Scan# 1529
Delta R.T. -0.02 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	67.1	100.7
115	34.6	30.7	46.1

Manual Integrations
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Sohil
4/24/2018 4:37:36 PM

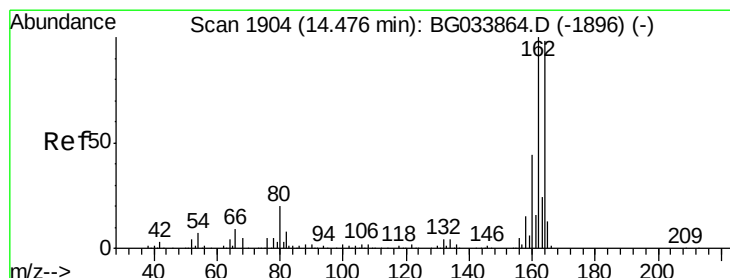
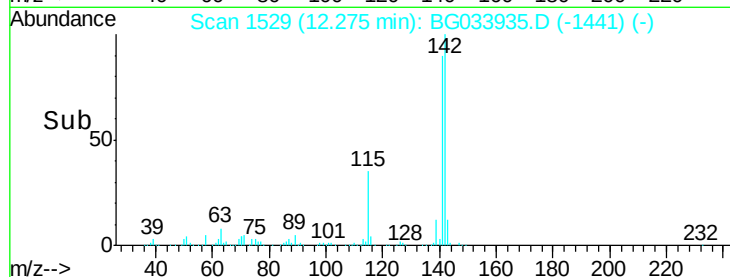
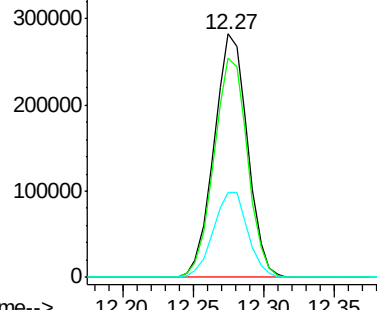


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

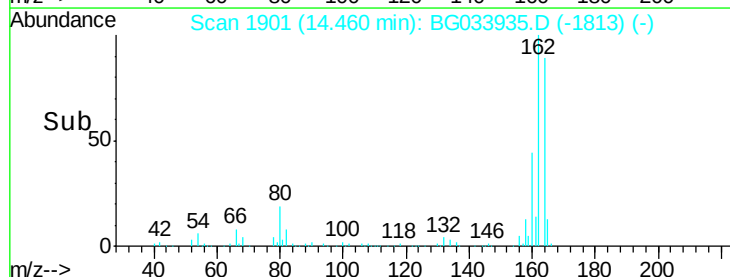
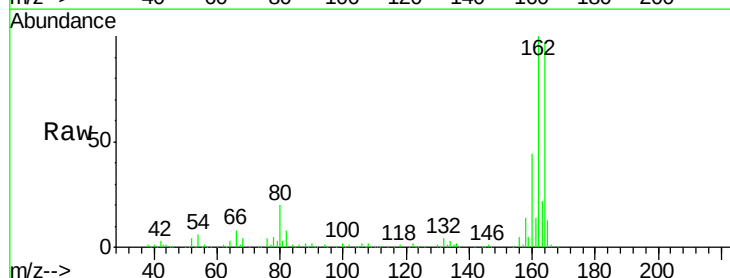
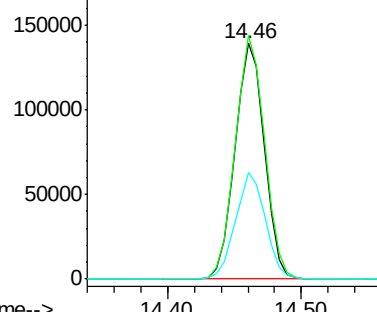
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.8	118.2
160	45.1	35.4	53.0

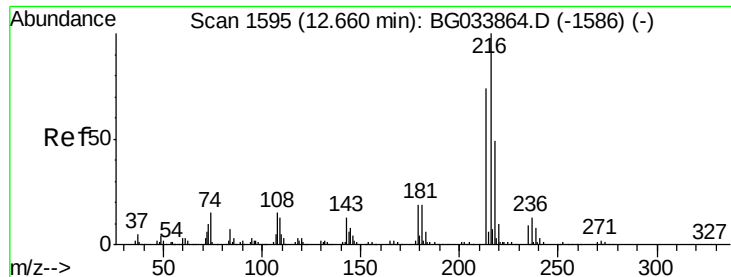
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





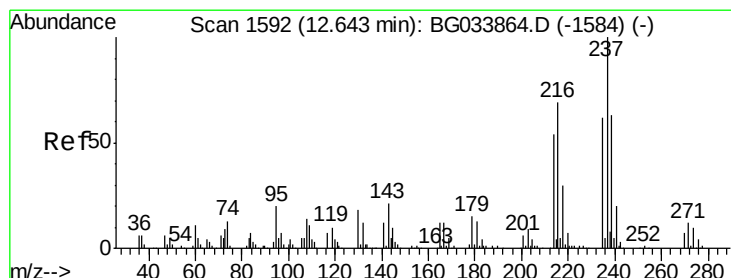
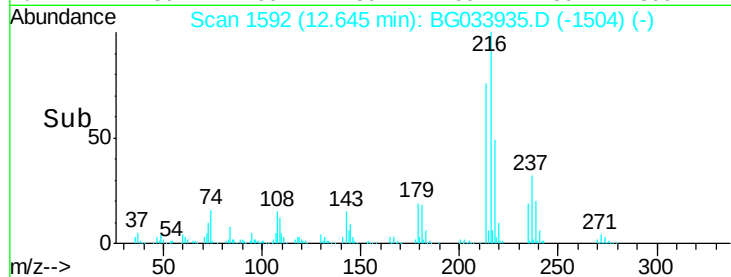
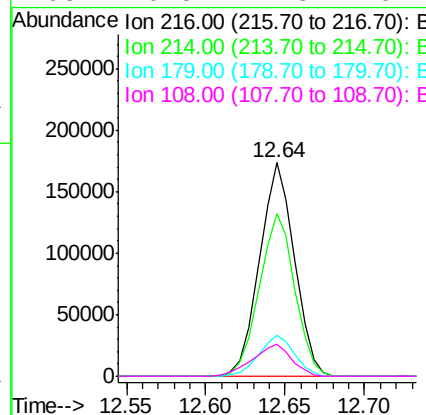
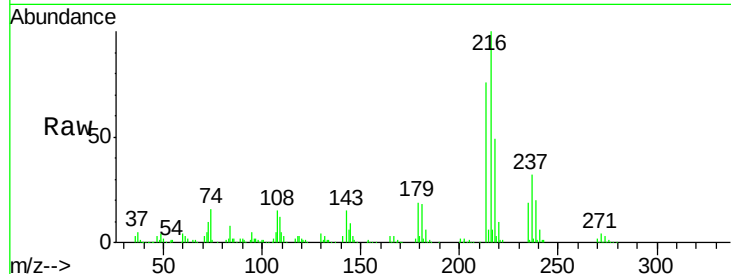
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.671 ng
 RT: 12.64 min Scan# 1592
 Delta R.T. -0.02 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		265680		
214	77.3		63.0	94.4	
179	19.3		17.0	25.6	
108	16.8		12.8	19.2	

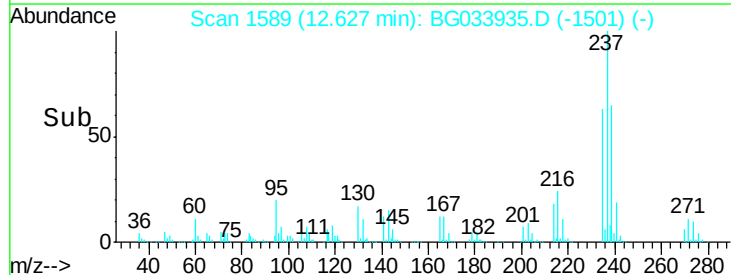
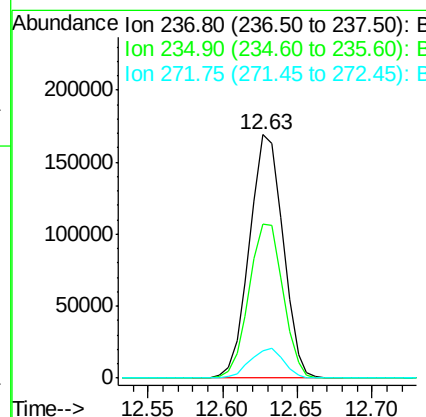
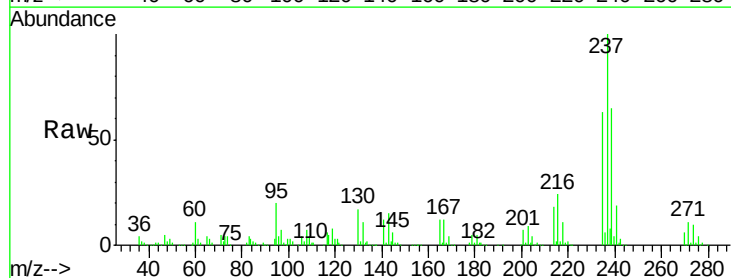
Manual Integrations
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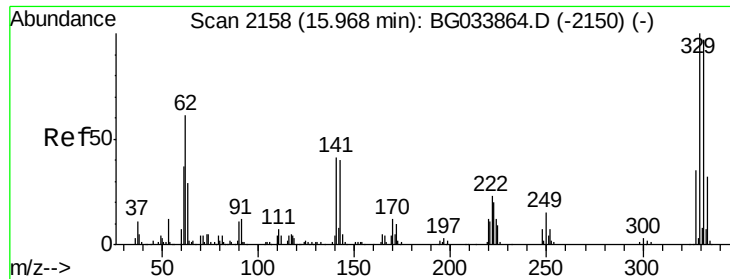
Sohil
 4/24/2018 4:37:36 PM



#40
 Hexachlorocyclopentadiene
 Concen: 67.765 ng
 RT: 12.63 min Scan# 1589
 Delta R.T. -0.02 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		262781		
235	63.2		50.4	90.4	
272	11.4		0.0	31.8	





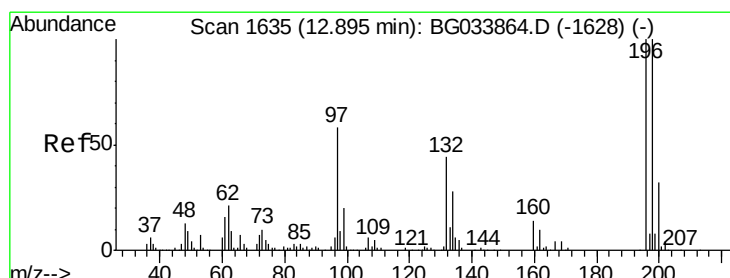
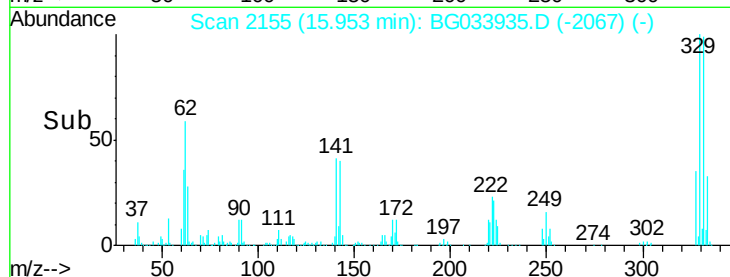
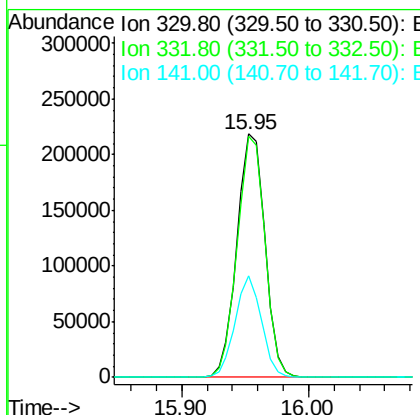
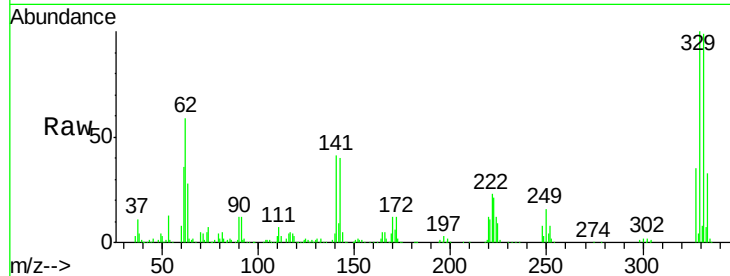
#41
 2,4,6-Tribromophenol
 Concen: 135.288 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.3	77.0	115.6	
141	38.8	25.2	37.8	

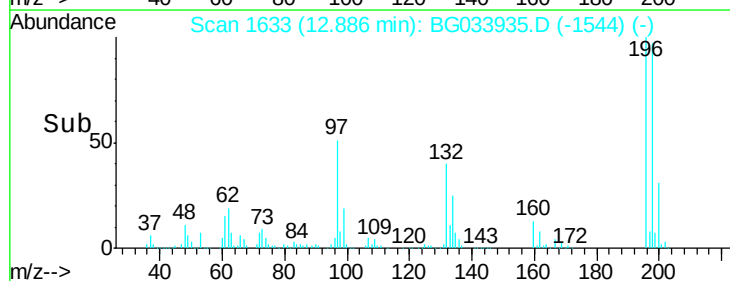
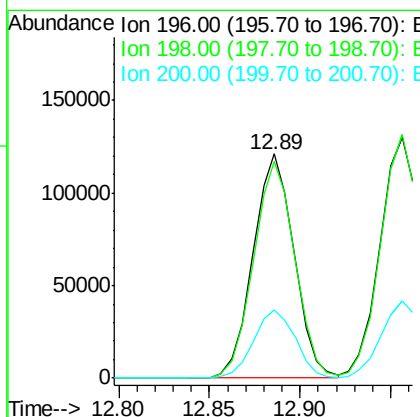
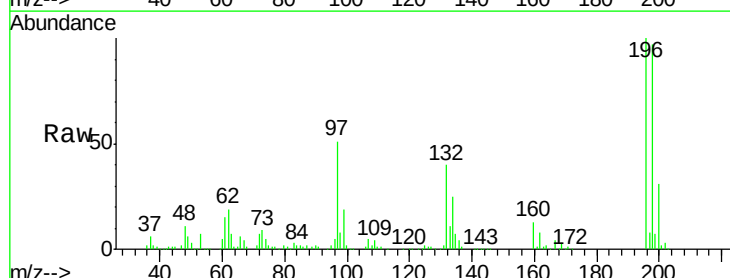
Manual Integrations
 APPROVED

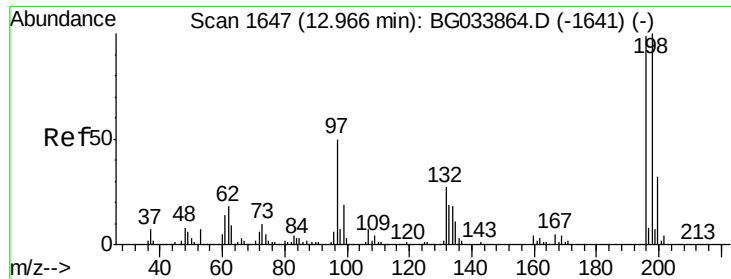
Sohil
 4/24/2018 4:37:36 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.071 ng
 RT: 12.89 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.6	78.2	117.2	
200	30.6	24.6	36.8	





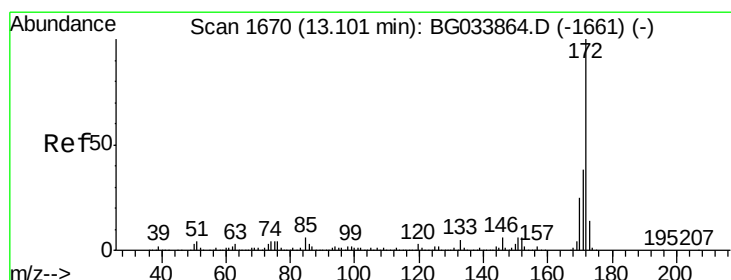
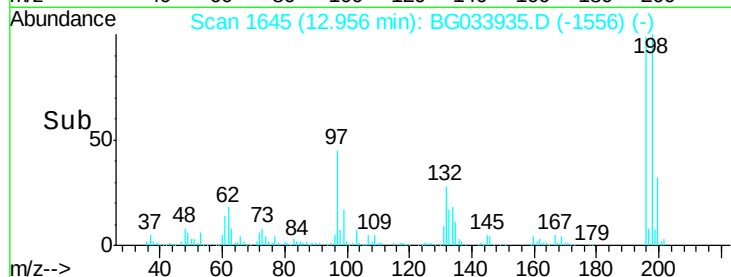
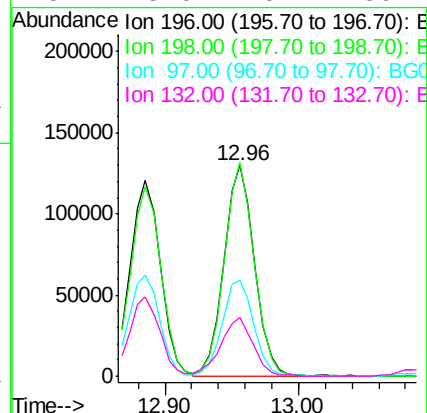
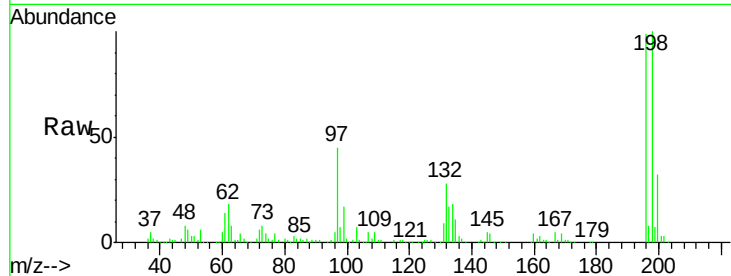
#43
 2,4,5-Trichlorophenol
 Concen: 42.316 ng
 RT: 12.96 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MS

Tot Ion:	196	Resp:	209186
Ion Ratio	Lower	Upper	
196	100		
198	101.3	76.2	114.4
97	45.8	38.7	58.1
132	28.0	20.2	30.2

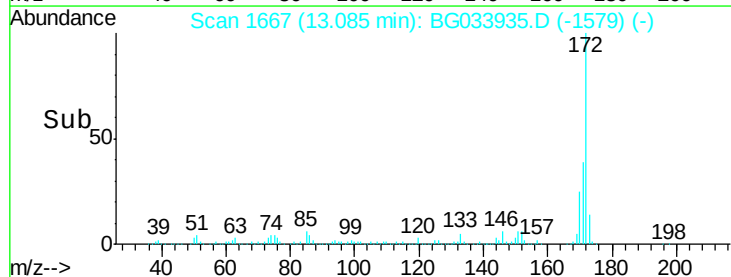
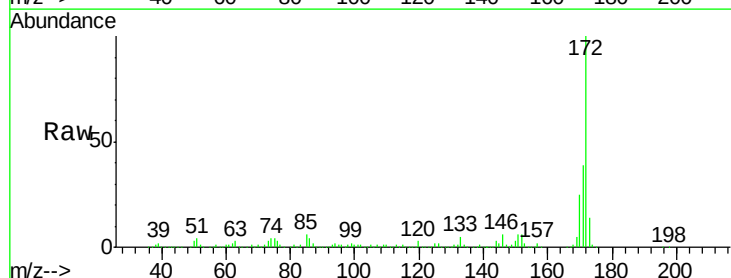
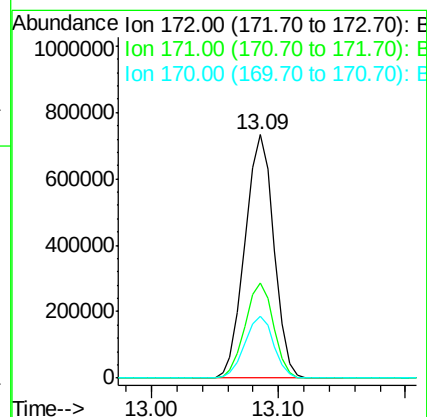
Manual Integrations
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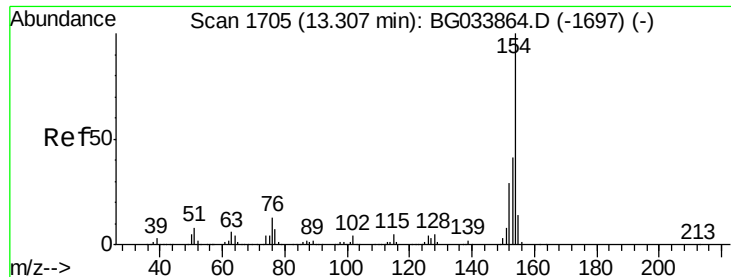
Sohil
 4/24/2018 4:37:36 PM



#44
 2-Fluorobiphenyl
 Concen: 80.189 ng
 RT: 13.09 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Tgt Ion:	172	Resp:	1159364
Ion Ratio	Lower	Upper	
172	100		
171	39.0	30.0	45.0
170	25.3	19.5	29.3





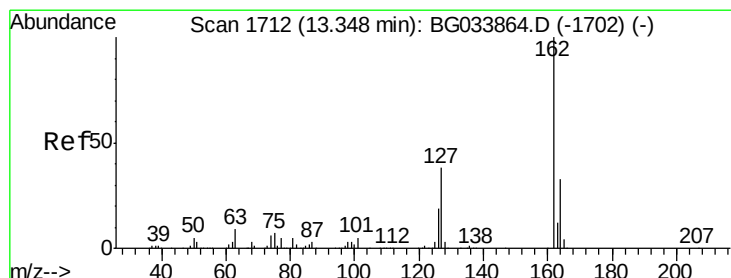
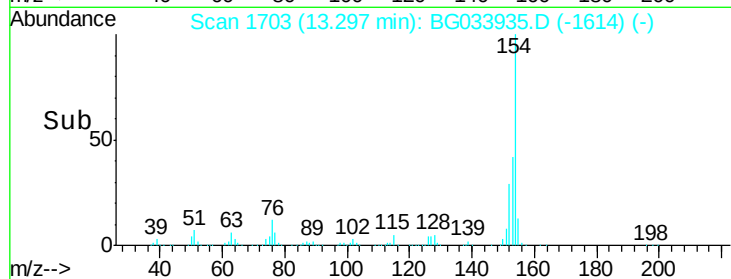
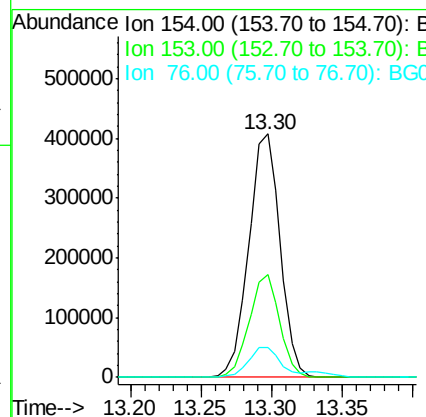
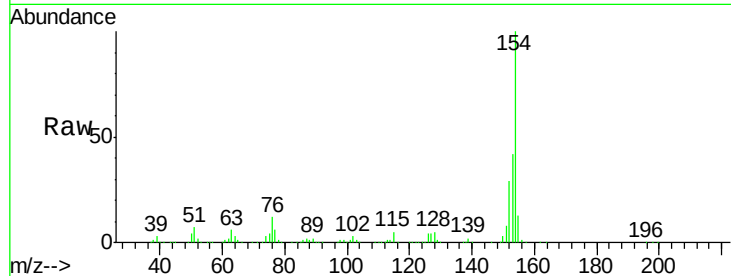
#45
 1,1'-Biphenyl
 Concen: 36.870 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.0	19.8	59.8
76	12.2	0.0	31.9

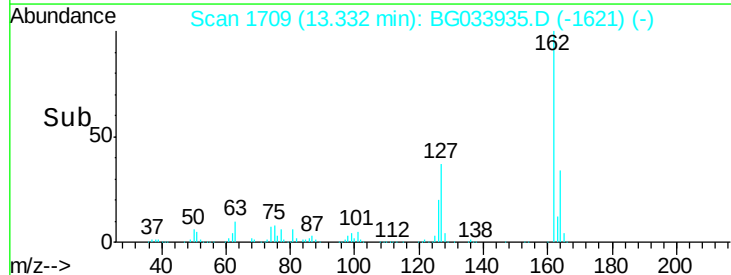
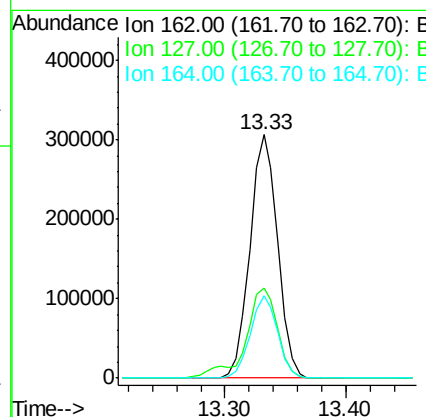
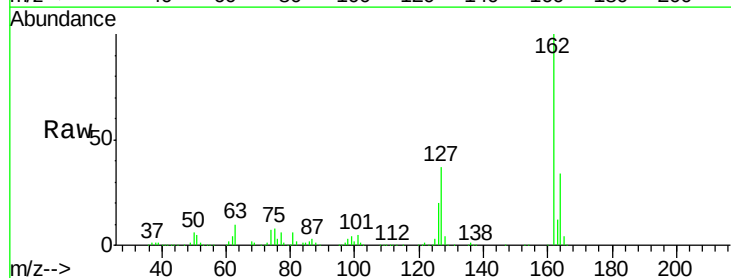
Manual Integrations
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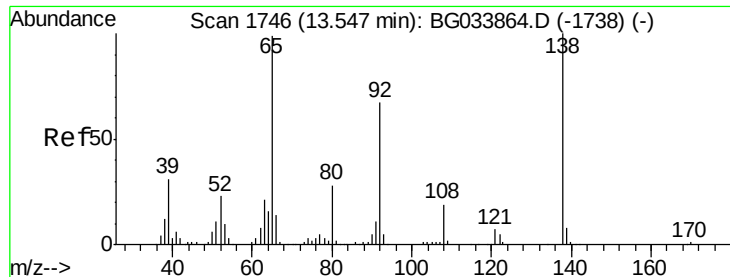
Sohil
 4/24/2018 4:37:36 PM



#46
 2-Chloronaphthalene
 Concen: 37.414 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.8	30.7	46.1
164	33.8	26.0	39.0





#47

2-Nitroaniline

Concen: 42.426 ng

RT: 13.54 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Instrument :

BNA_G

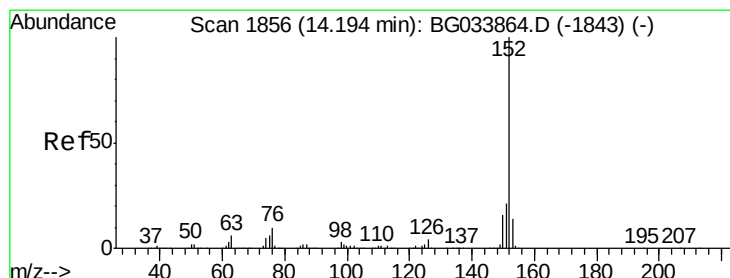
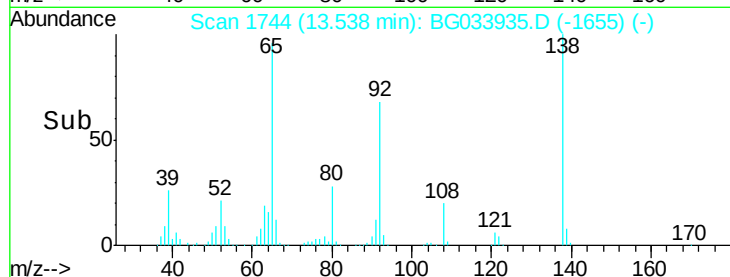
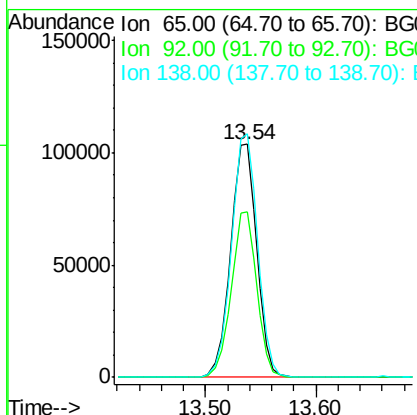
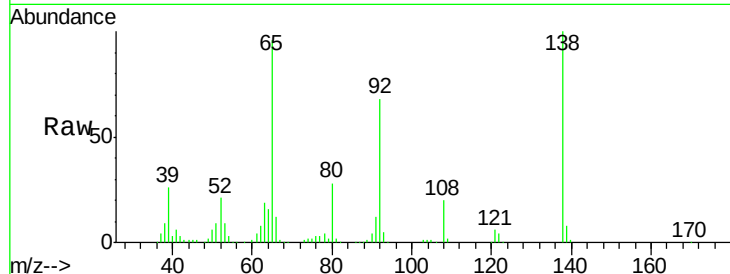
ClientSampleId :

BU-03-042018MS

Tot Ion:	65	Resp:	172689
Ion	Ratio	Lower	Upper
65	100		
92	71.1	54.6	82.0
138	104.6	72.9	109.3

Manual Integrations
APPROVED

Sohil
4/24/2018 4:37:36 PM



#48

Acenaphthylene

Concen: 36.497 ng

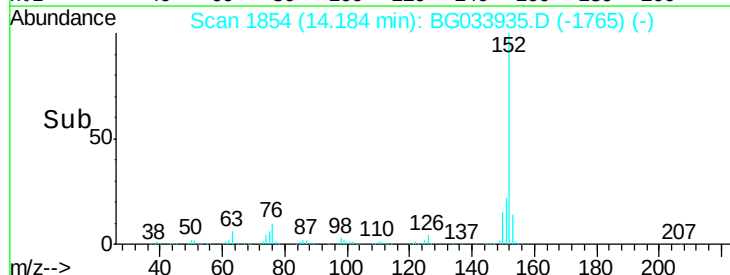
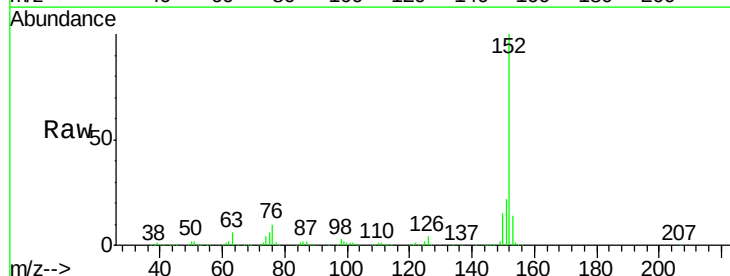
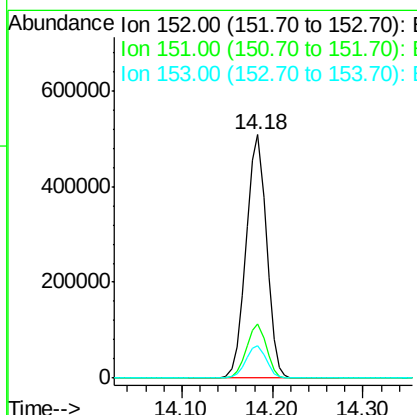
RT: 14.18 min Scan# 1854

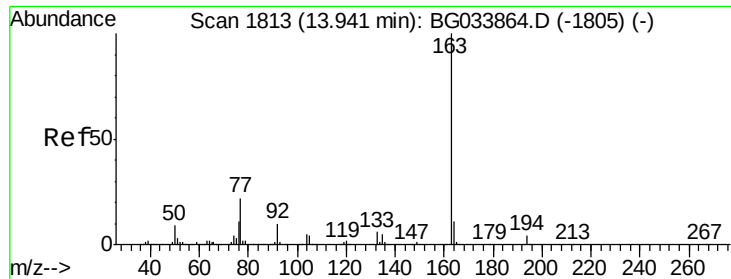
Delta R.T. -0.01 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Tgt Ion:	152	Resp:	790863
Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.2	25.8
153	13.5	10.2	15.4





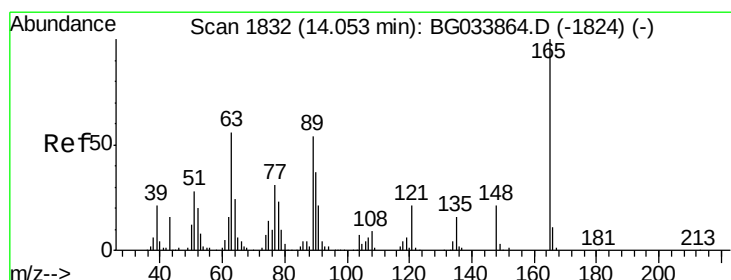
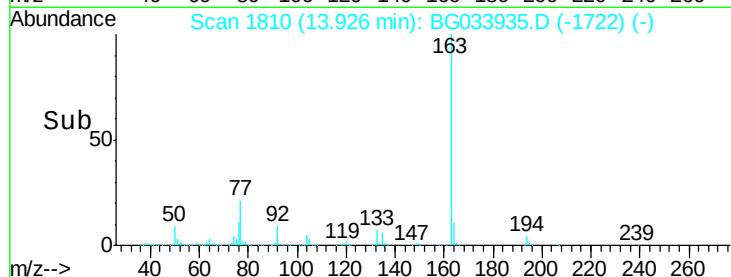
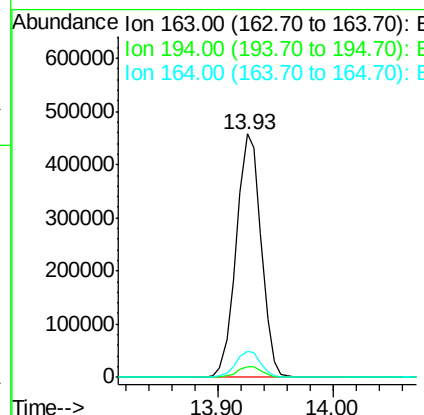
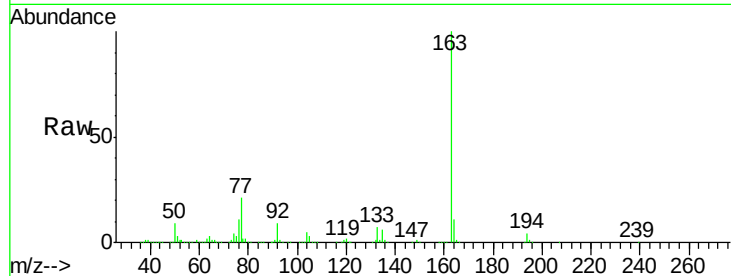
#49
Dimethylphthalate
Concen: 36.400 ng
RT: 13.93 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	680050		
194	4.1		3.4	5.2
164	10.9		8.2	12.4

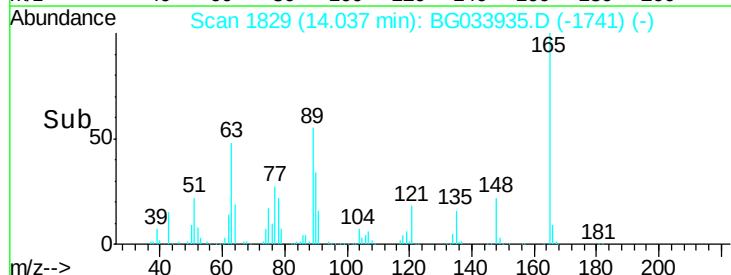
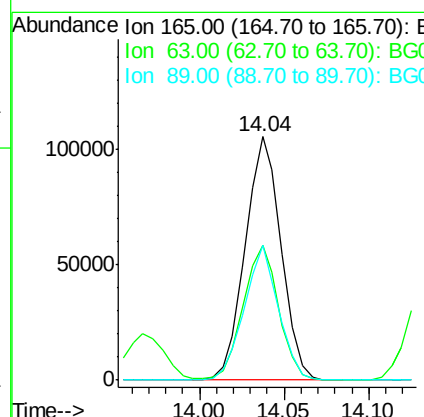
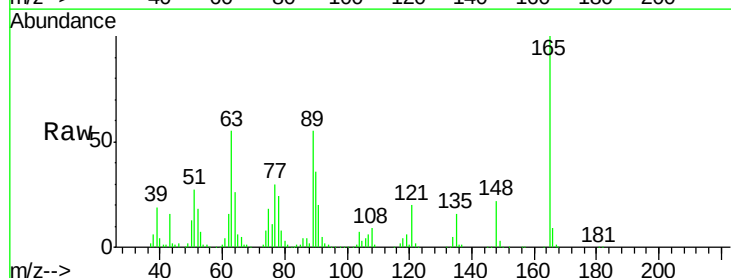
Manual Integrations
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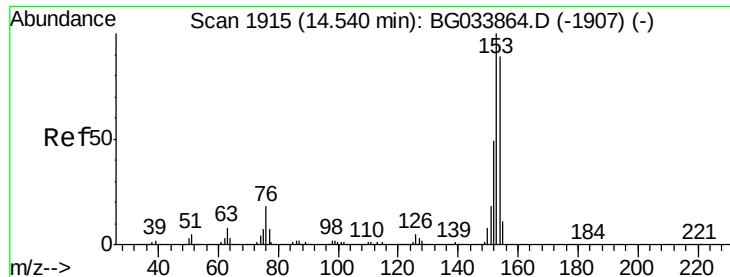
Sohil
4/24/2018 4:37:36 PM



#50
2,6-Dinitrotoluene
Concen: 43.828 ng
RT: 14.04 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	155177		
63	55.4		52.7	79.1
89	55.4		49.2	73.8





#51

Acenaphthene

Concen: 37.468 ng

RT: 14.52 min Scan# 1912

Delta R.T. -0.02 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Instrument :

BNA_G

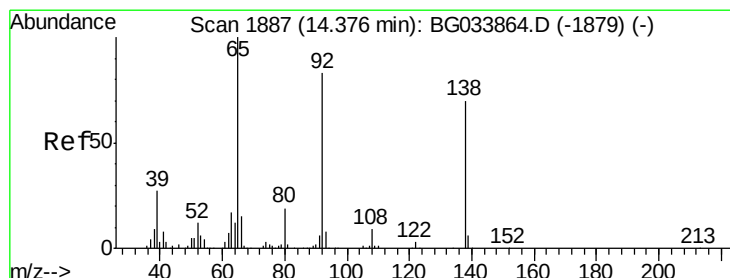
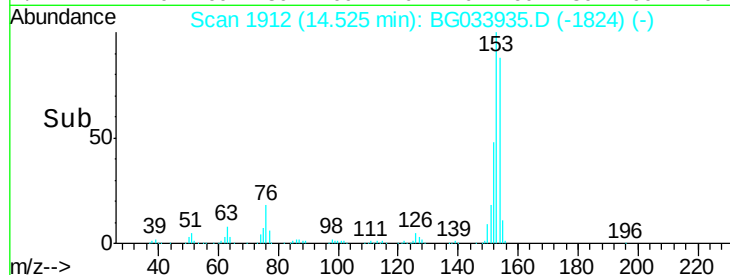
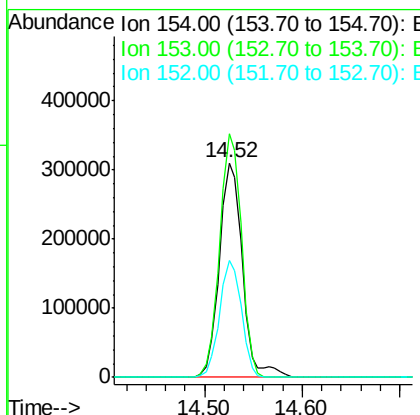
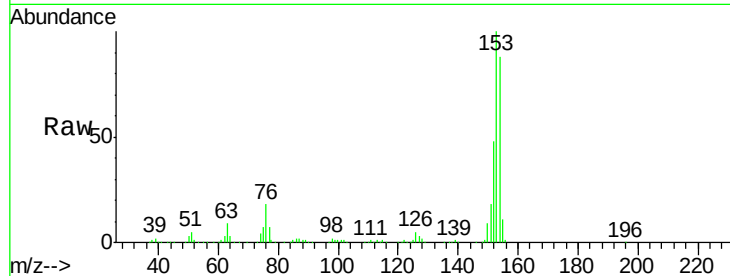
ClientSampleId :

BU-03-042018MS

Tot Ion:	154	Resp:	510039
Ion Ratio	Lower	Upper	
154	100		
153	113.5	90.4	135.6
152	54.5	41.6	62.4

Manual Integrations
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4/24/2018 4:37:36 PM



#52

3-Nitroaniline

Concen: 9.939 ng

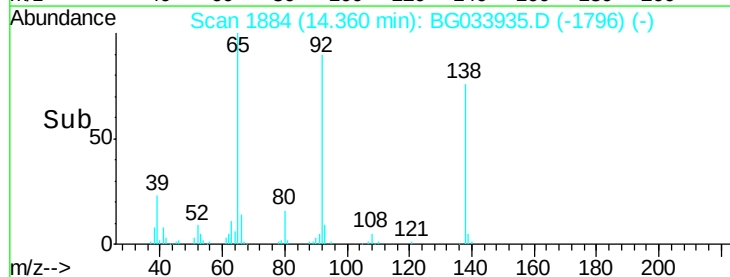
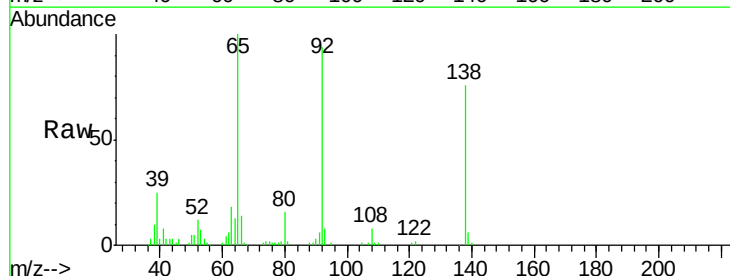
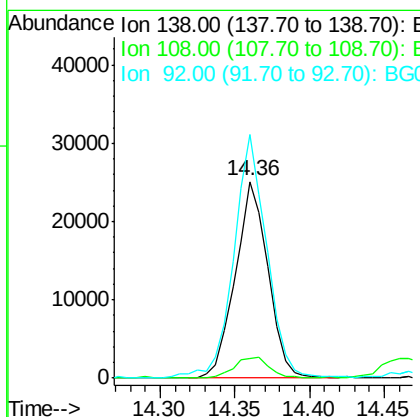
RT: 14.36 min Scan# 1884

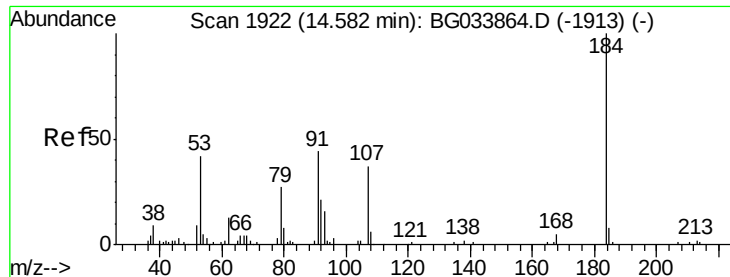
Delta R.T. -0.02 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Tgt Ion:	138	Resp:	38210
Ion Ratio	Lower	Upper	
138	100		
108	10.1	17.5	26.3#
92	123.9	105.8	158.8





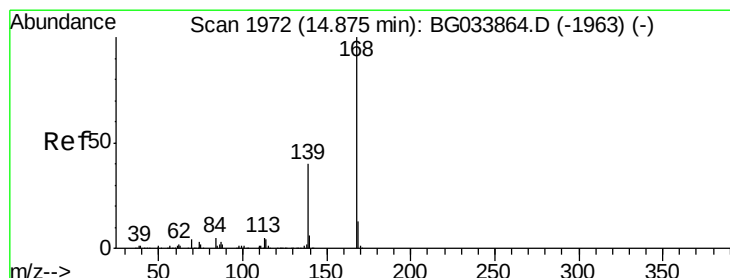
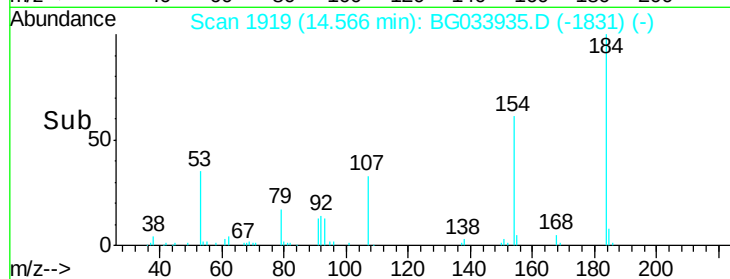
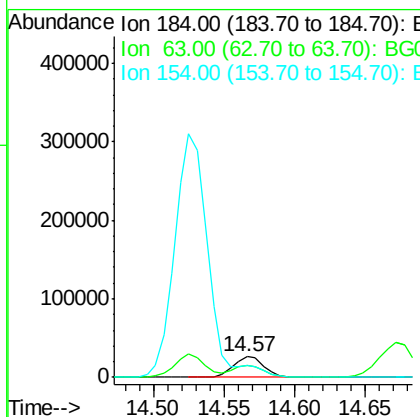
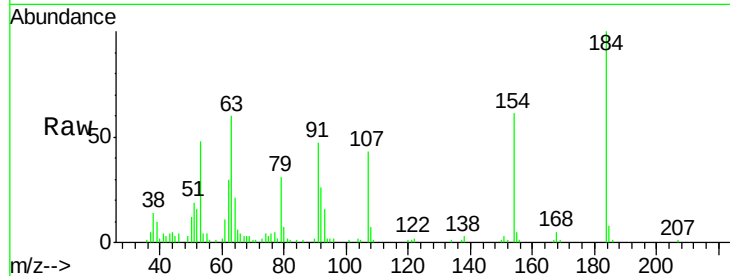
#53
 2,4-Dinitrophenol
 Concen: 32.124 ng
 RT: 14.57 min Scan# 1919
 Delta R.T. -0.02 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.2	59.8	89.8
154	61.4	101.8	152.8#

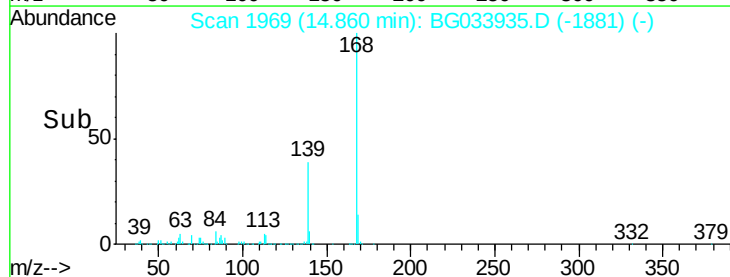
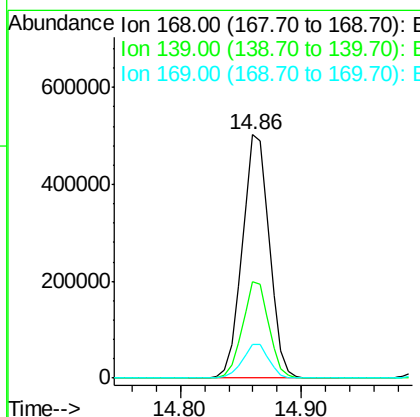
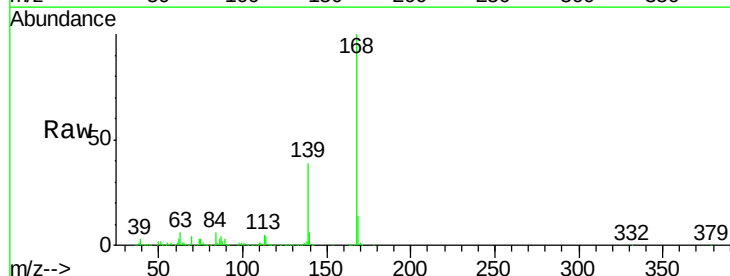
Manual Integrations
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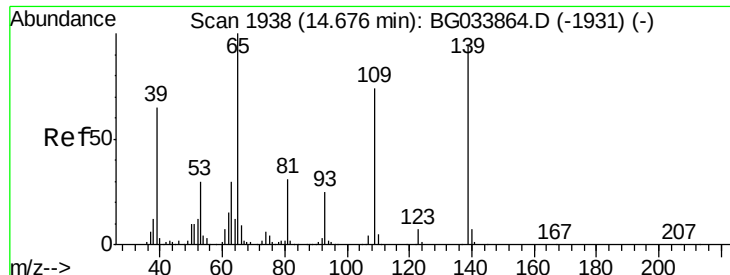
Sohil
 4/24/2018 4:37:36 PM



#54
 Dibenzofuran
 Concen: 38.843 ng
 RT: 14.86 min Scan# 1969
 Delta R.T. -0.02 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.5	28.6	43.0
169	13.8	11.2	16.8





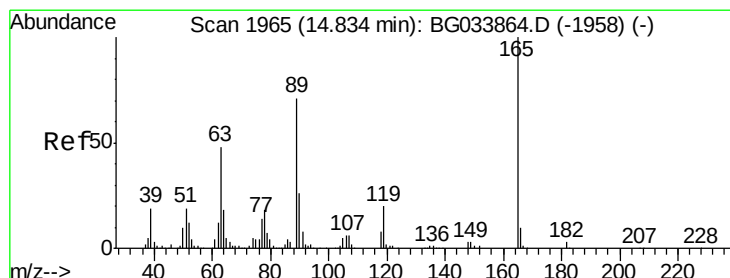
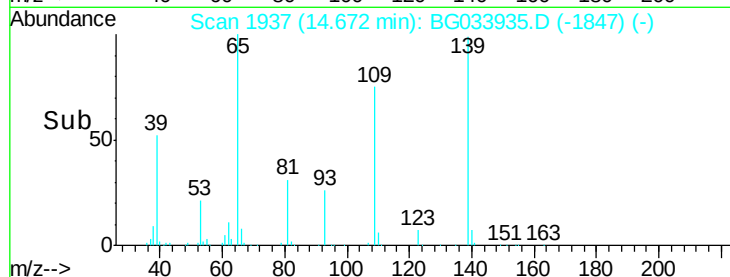
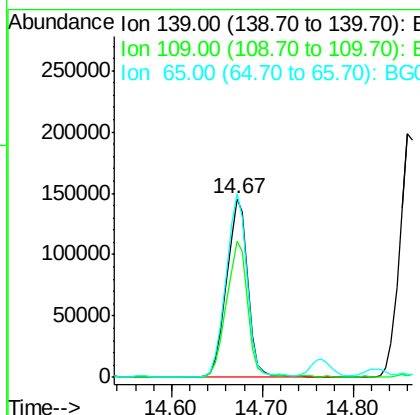
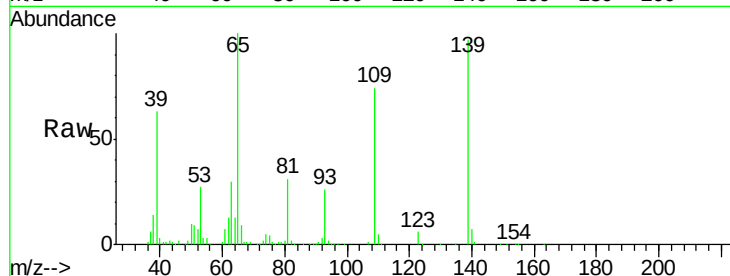
#55
4-Nitrophenol
Concen: 78.772 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	76.5	62.2	102.2
65	103.0	97.2	137.2

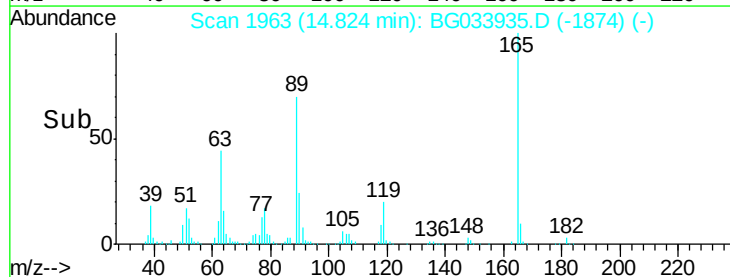
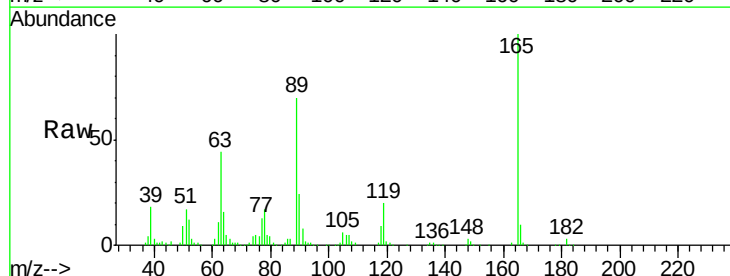
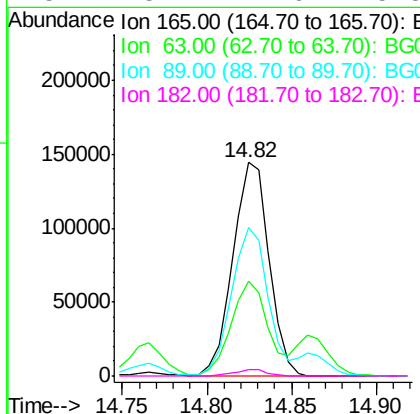
Manual Integrations
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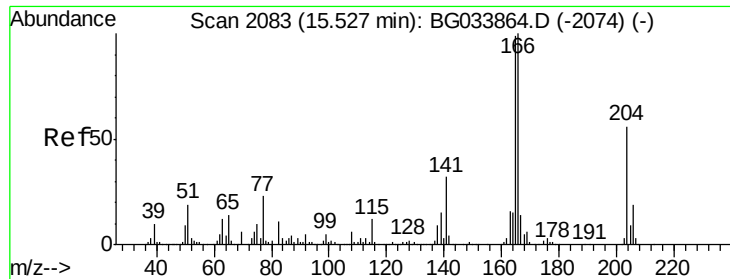
Sohil
4/24/2018 4:37:36 PM



#56
2,4-Dinitrotoluene
Concen: 45.779 ng
RT: 14.82 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.4	42.0	63.0
89	69.6	66.9	100.3
182	3.1	2.6	3.8





#57

Fluorene

Concen: 38.353 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.02 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Instrument :

BNA_G

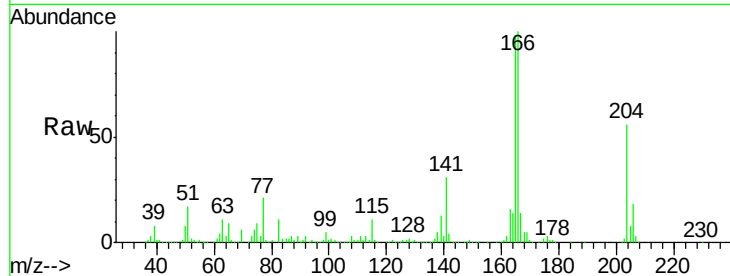
ClientSampleId :

BU-03-042018MS

Tot Ion:	166	Resp:	669800
Ion Ratio	Lower	Upper	
166	100		
165	97.9	80.6	121.0
167	14.2	10.4	15.6

Manual Integrations
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Sohil
4/24/2018 4:37:36 PM

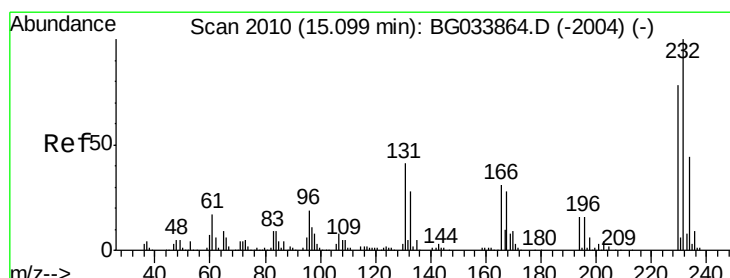
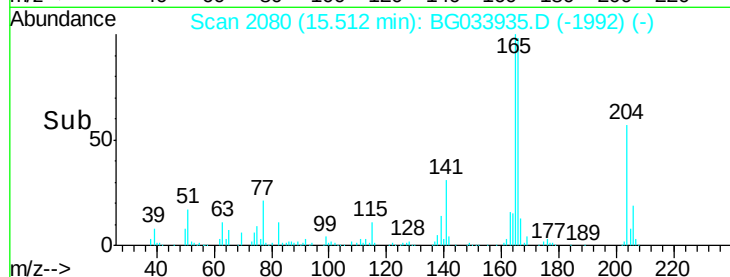
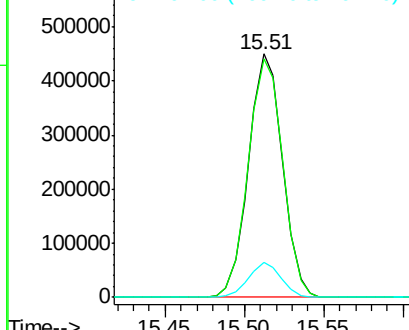


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.153 ng

RT: 15.09 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Tgt Ion:	232	Resp:	204378
Ion Ratio	Lower	Upper	
232	100		
131	40.8	33.5	50.3
130	2.4	2.2	3.2
166	29.2	24.8	37.2

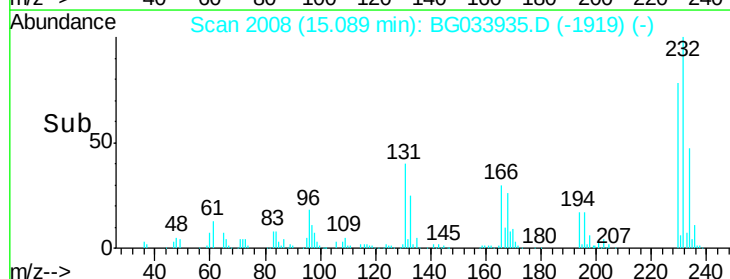
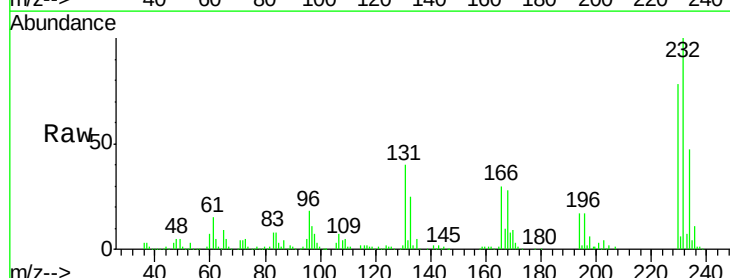
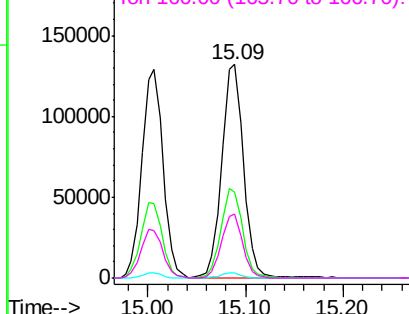
Abundance

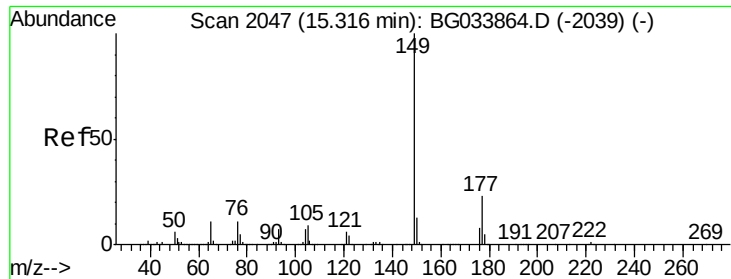
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.508 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Instrument :

BNA_G

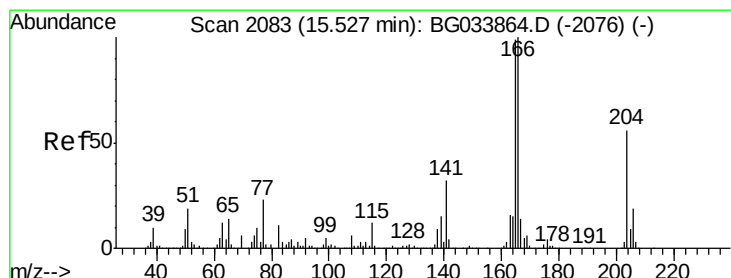
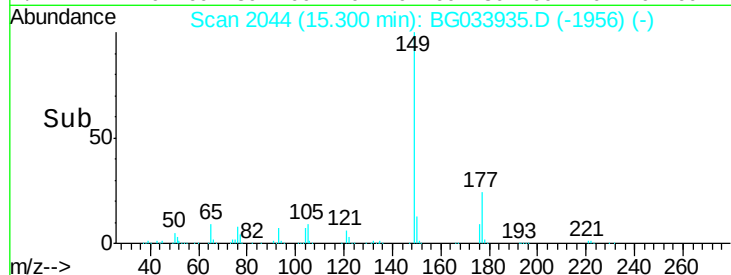
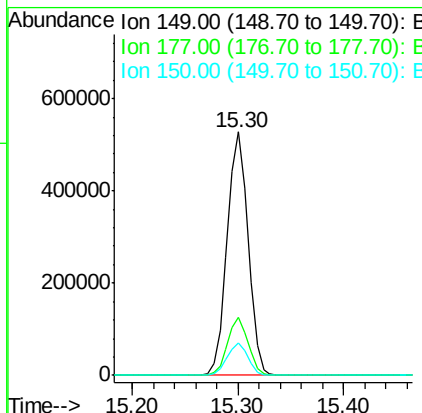
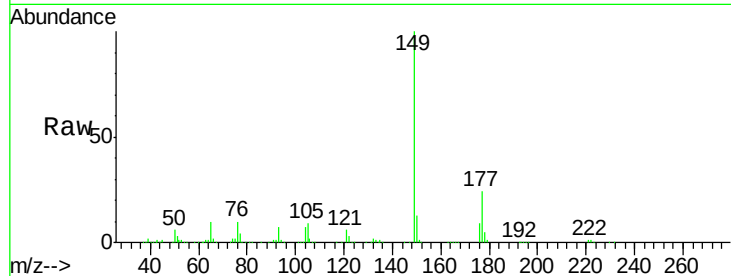
ClientSampleId :

BU-03-042018MS

Tot Ion:	149	Resp:	720956
Ion Ratio	Lower	Upper	
149	100		
177	23.7	18.5	27.7
150	13.2	10.2	15.2

Manual Integrations
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Sohil
4/24/2018 4:37:36 PM



#60

4-Chlorophenyl-phenylether

Concen: 39.545 ng

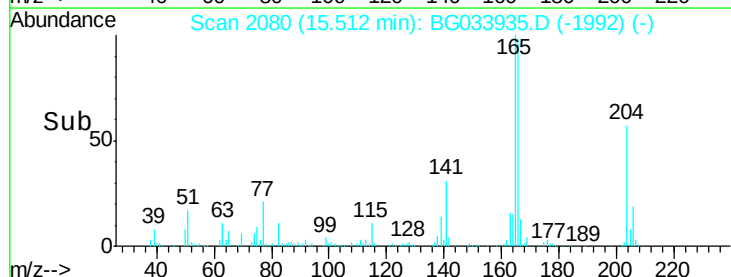
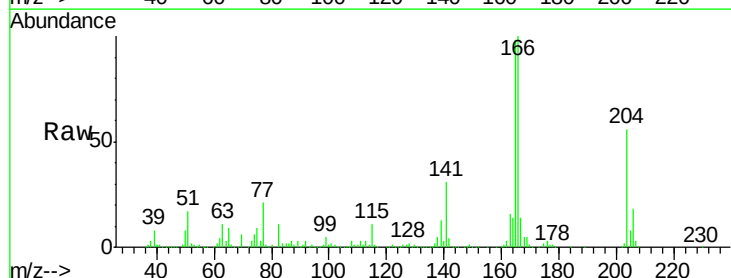
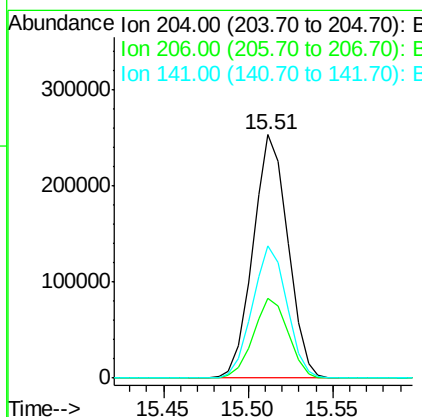
RT: 15.51 min Scan# 2080

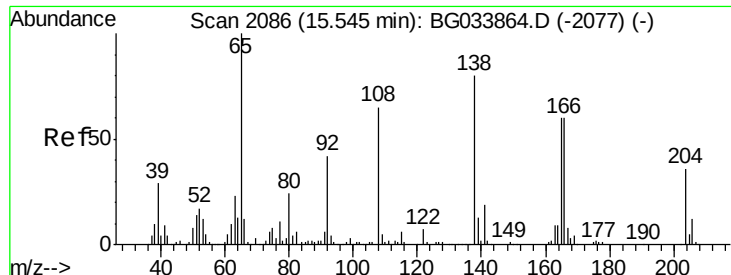
Delta R.T. -0.02 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Tgt Ion:	204	Resp:	361230
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.2	39.2
141	54.3	45.8	68.6





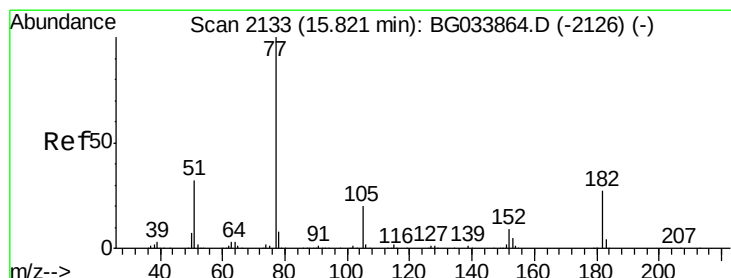
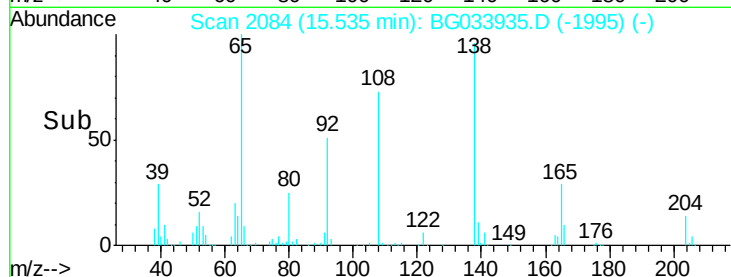
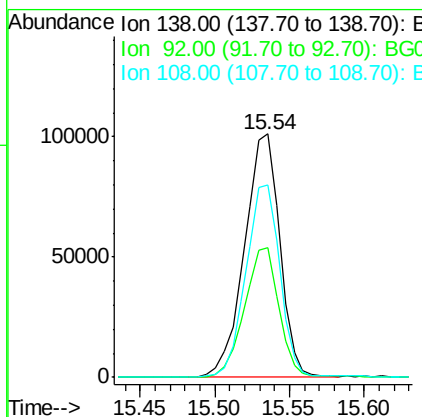
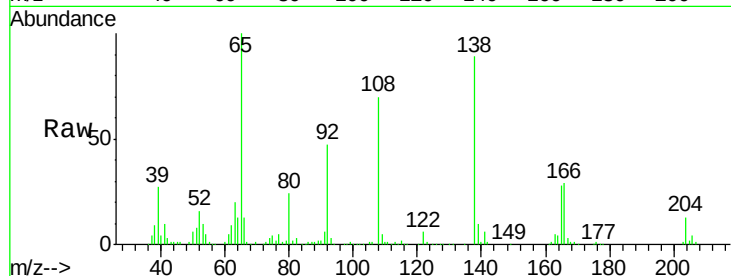
#61
4-Nitroaniline
Concen: 40.599 ng
RT: 15.54 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.2	40.1	80.1
108	79.1	65.4	105.4

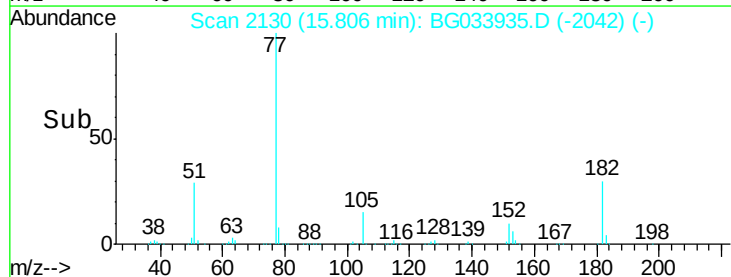
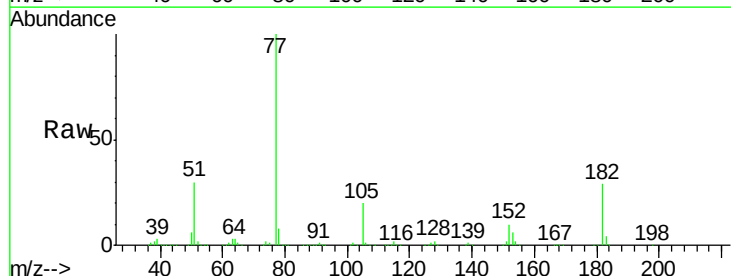
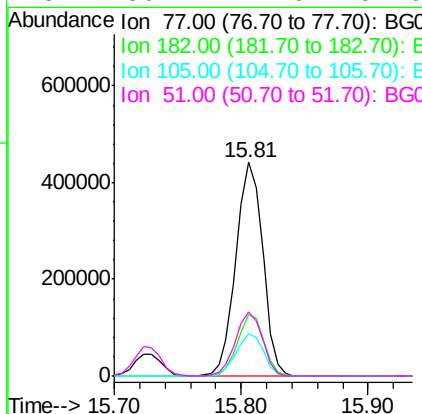
Manual Integrations
APPROVED

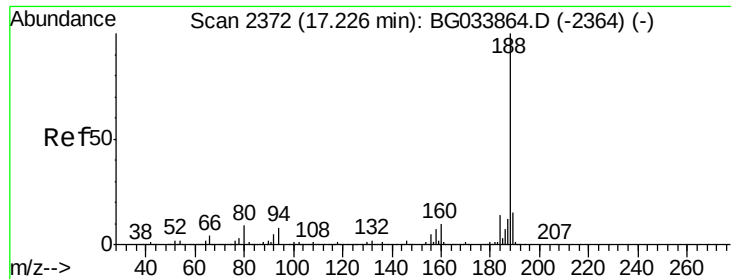
Sohil
4/24/2018 4:37:36 PM



#62
Azobenzene
Concen: 36.775 ng
RT: 15.81 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.0	7.4	47.4
105	19.7	0.3	40.3
51	30.1	11.6	51.6





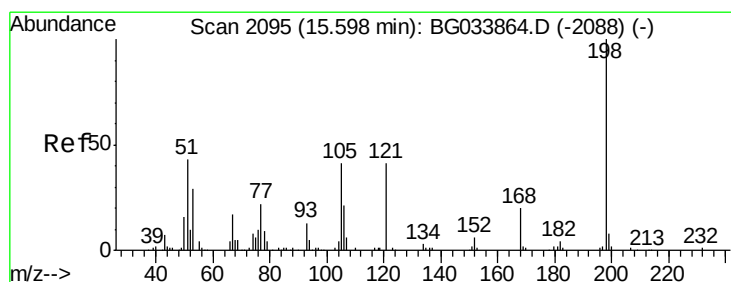
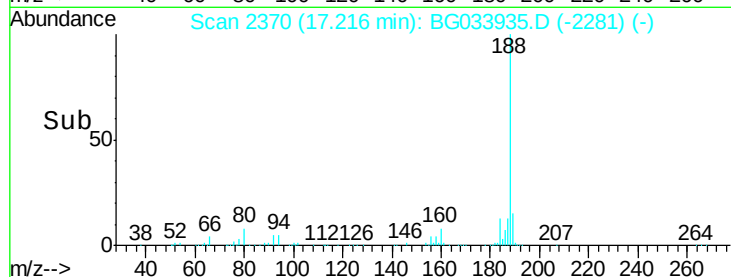
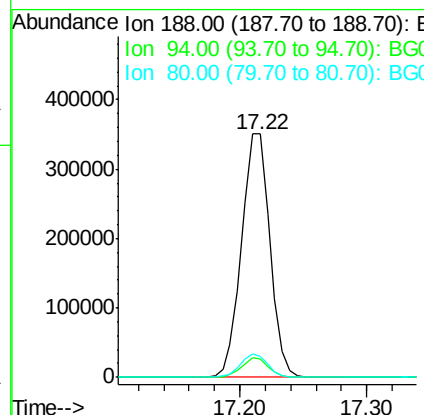
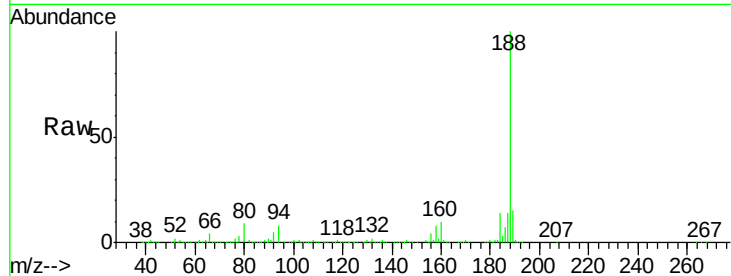
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.22 min Scan# 2370
 Delta R.T. -0.01 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.6	6.9	10.3
80	8.7	7.7	11.5

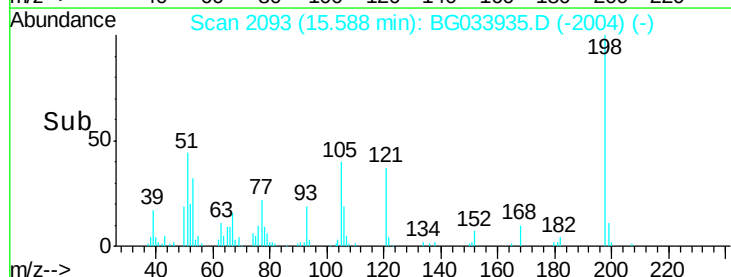
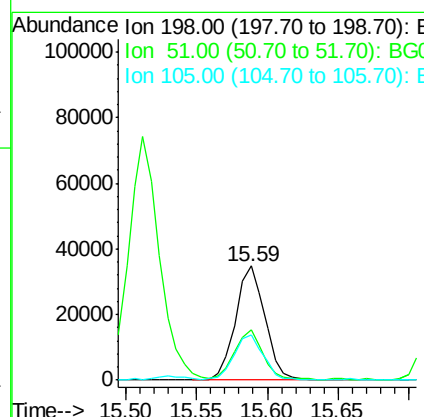
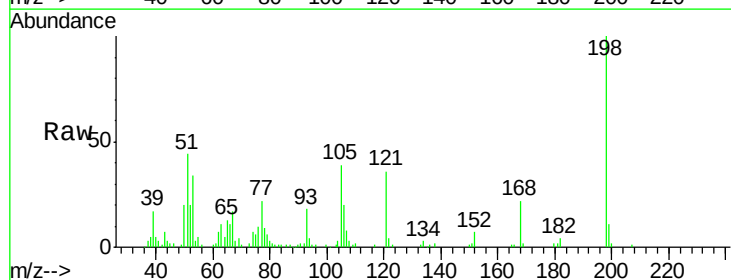
Manual Integrations
 APPROVED

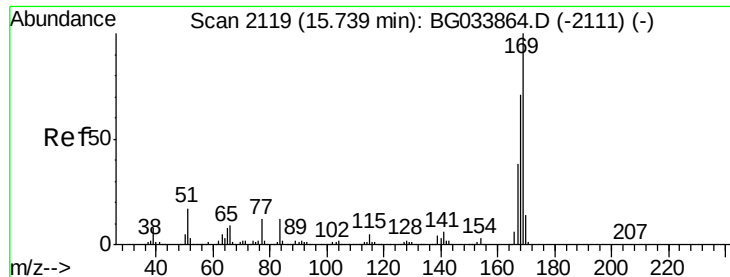
Sohil
 4/24/2018 4:37:36 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 23.235 ng
 RT: 15.59 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	44.0	30.6	70.6
105	39.2	23.8	63.8





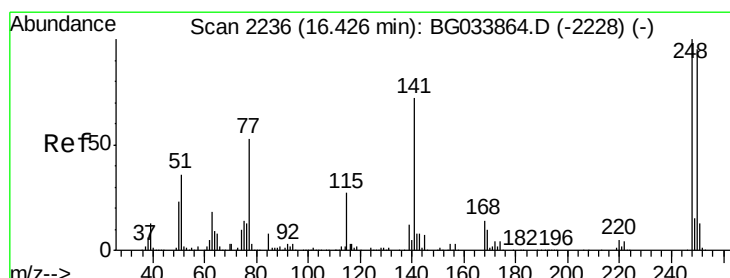
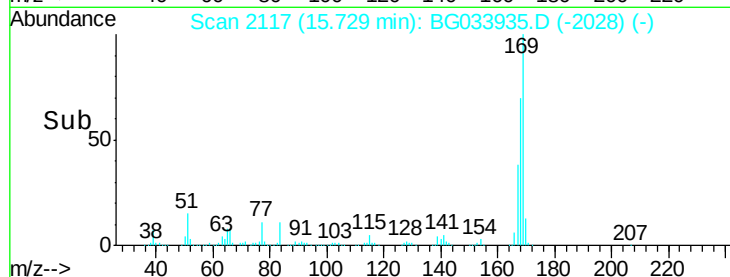
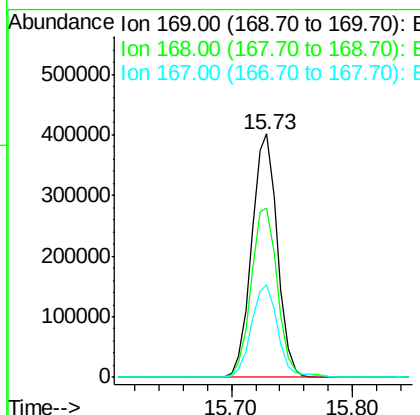
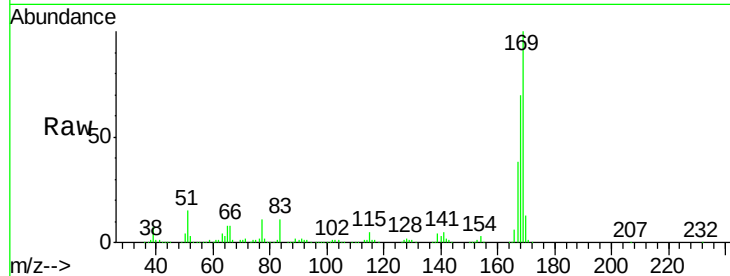
#65
n-Nitrosodiphenylamine
Concen: 37.517 ng
RT: 15.73 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	591757		
168	69.6		55.7	83.5
167	38.0		30.1	45.1

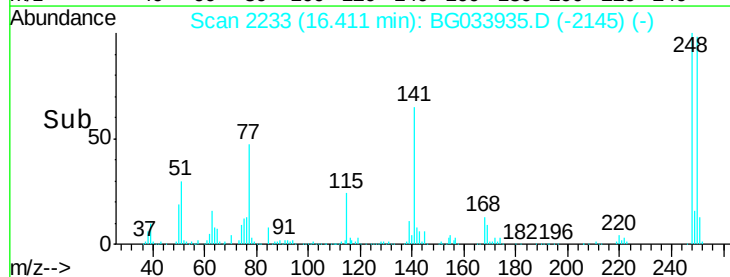
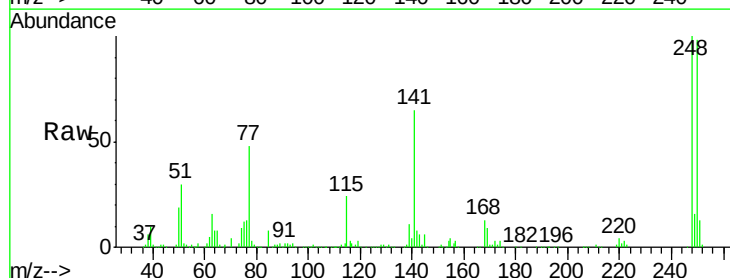
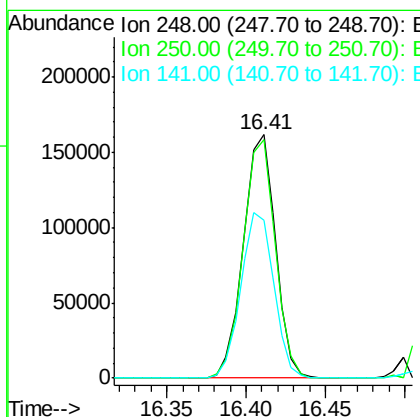
Manual Integrations
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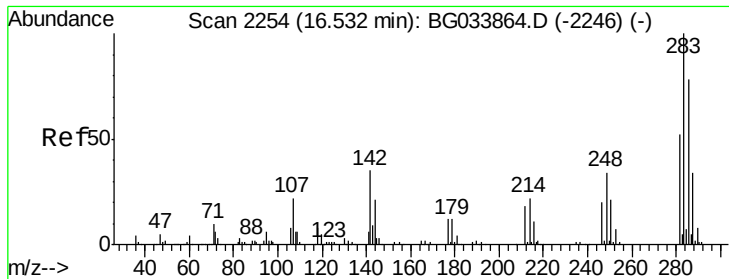
Sohil
4/24/2018 4:37:36 PM



#66
4-Bromophenyl-phenylether
Concen: 38.246 ng
RT: 16.41 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	227876		
250	98.1		77.1	115.7
141	65.1		50.8	76.2





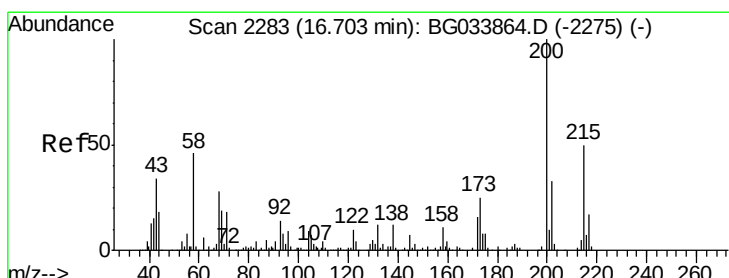
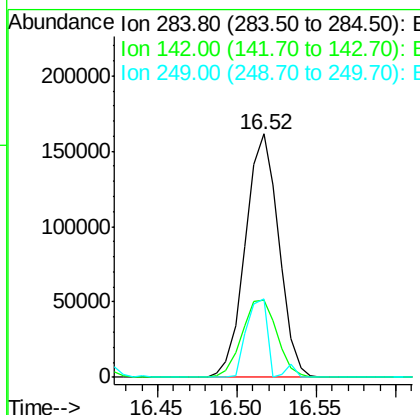
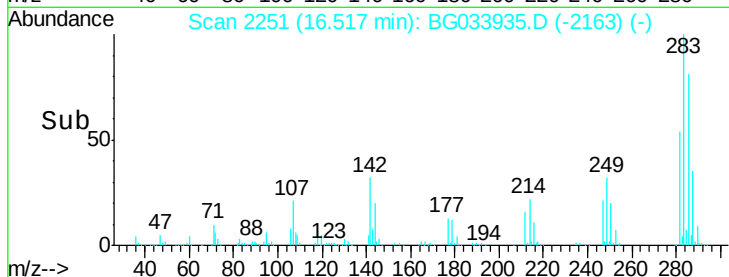
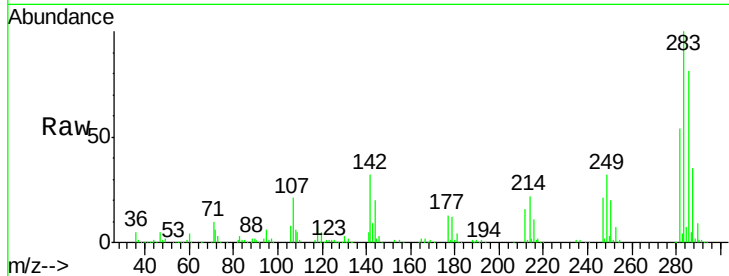
#67
Hexachlorobenzene
Concen: 37.232 ng
RT: 16.52 min Scan# 2251
Delta R.T. -0.02 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	31.8	26.8	40.2	
249	35.1	26.3	39.5	

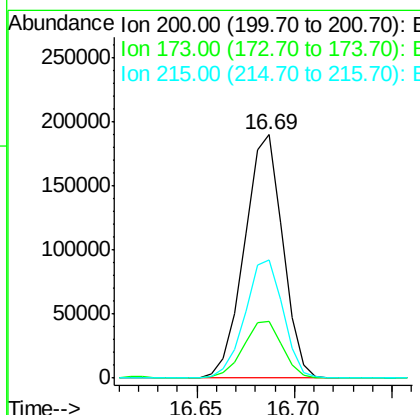
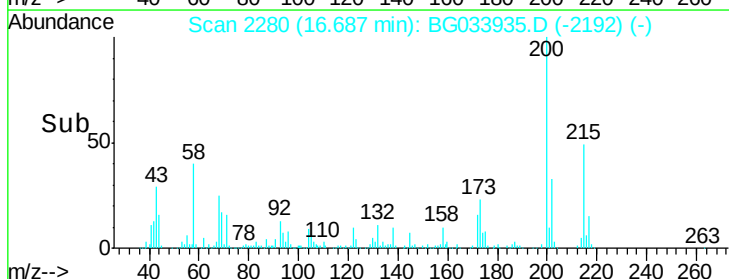
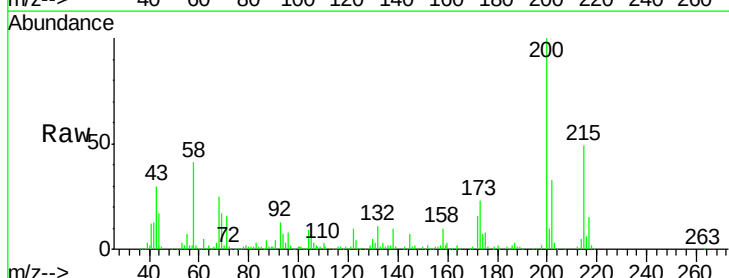
Manual Integrations
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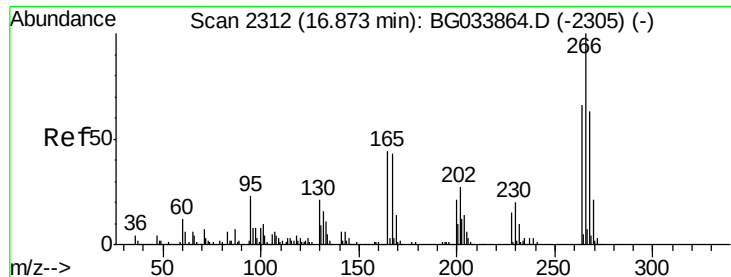
Sohil
4/24/2018 4:37:36 PM



#68
Atrazine
Concen: 41.648 ng
RT: 16.69 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.3	5.2	45.2	
215	48.5	30.4	70.4	





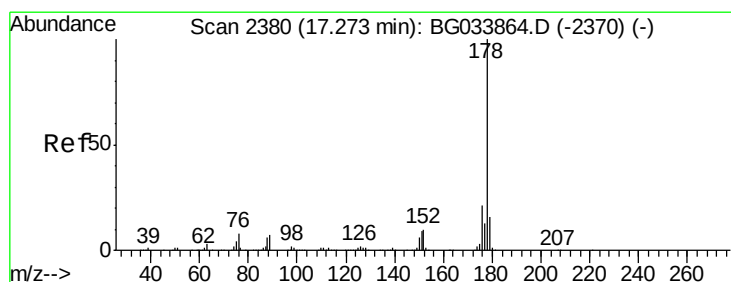
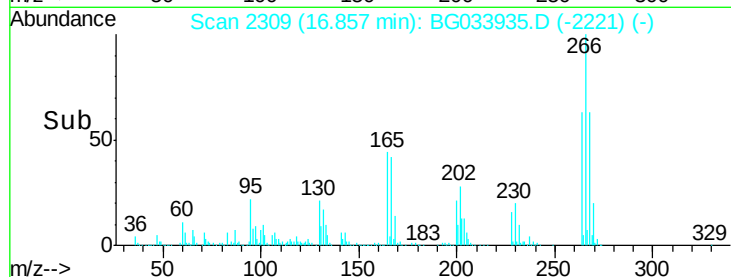
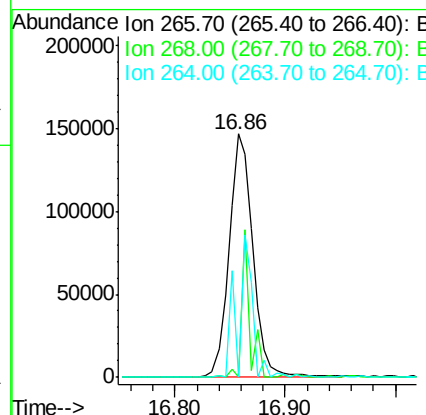
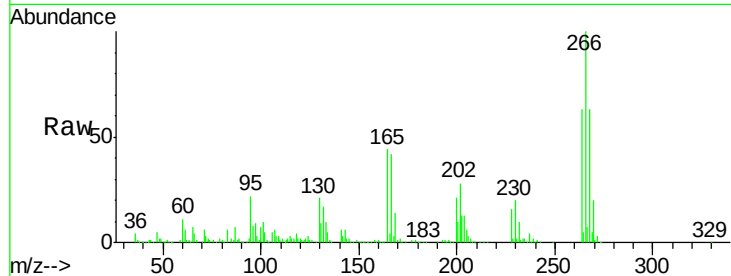
#69
 Pentachlorophenol
 Concen: 50.825 ng
 RT: 16.86 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	221829		
268	4.8	51.1	76.7#	
264	5.5	49.6	74.4#	

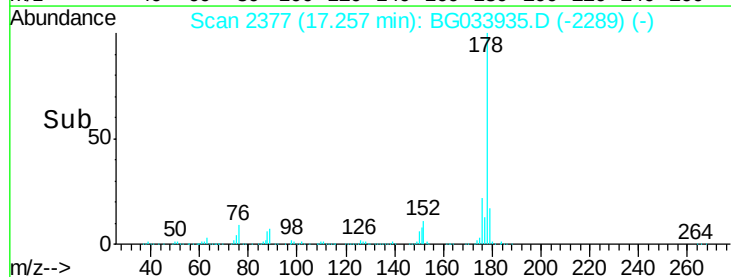
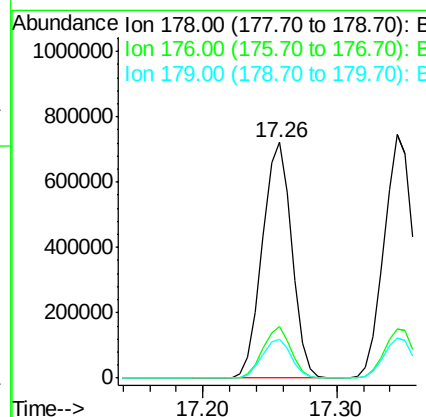
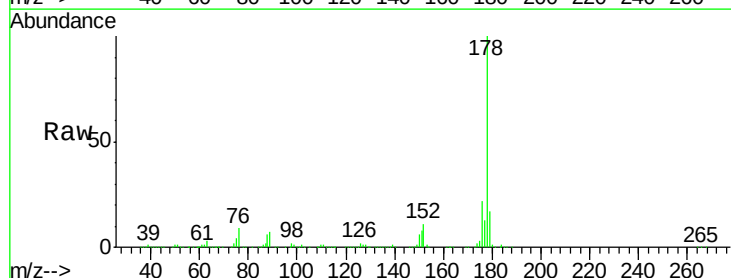
Manual Integrations
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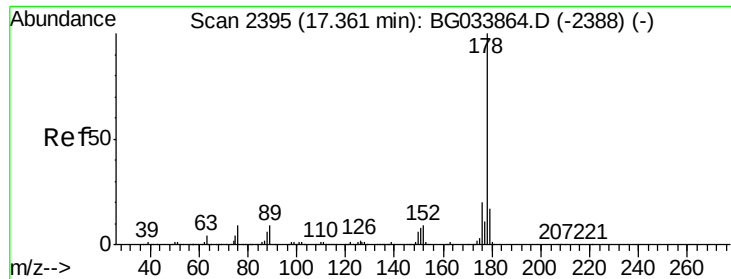
Sohil
 4/24/2018 4:37:36 PM



#70
 Phenanthrene
 Concen: 37.706 ng
 RT: 17.26 min Scan# 2377
 Delta R.T. -0.02 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1097438		
176	21.7	15.7	23.5	
179	16.6	12.5	18.7	





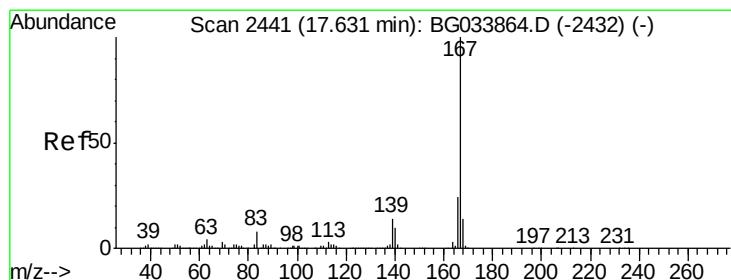
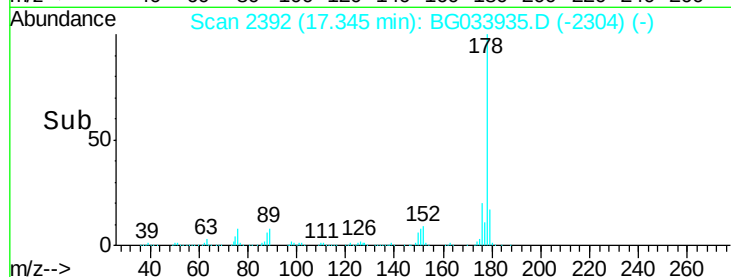
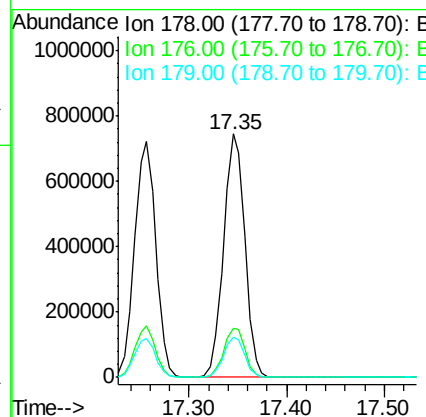
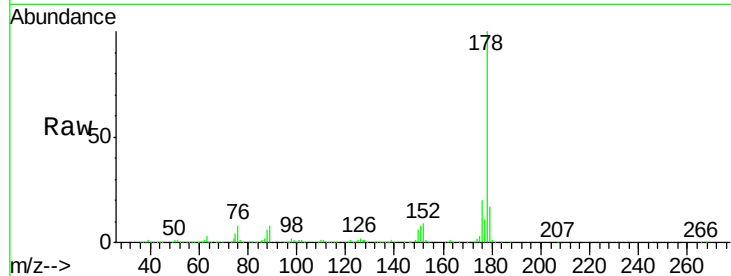
#71
 Anthracene
 Concen: 38.479 ng
 RT: 17.35 min Scan# 2392
 Delta R.T. -0.02 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.2	16.0	24.0	
179	16.5	12.5	18.7	

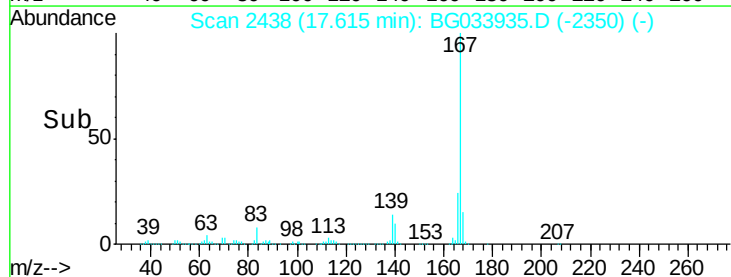
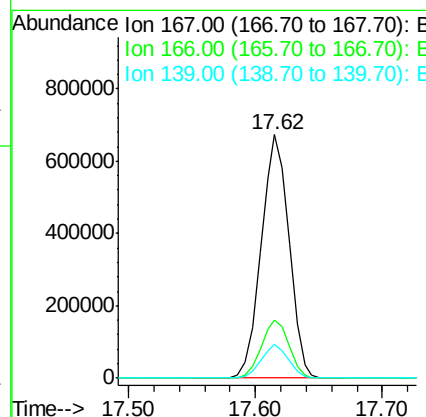
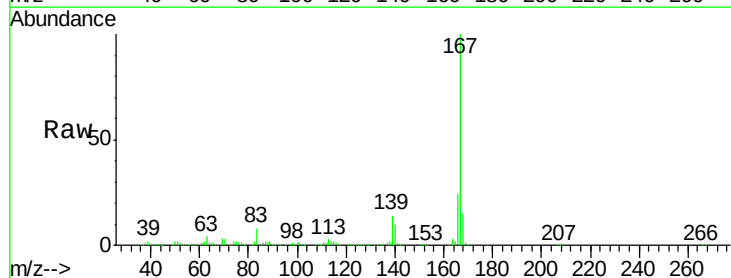
Manual Integrations
 APPROVED

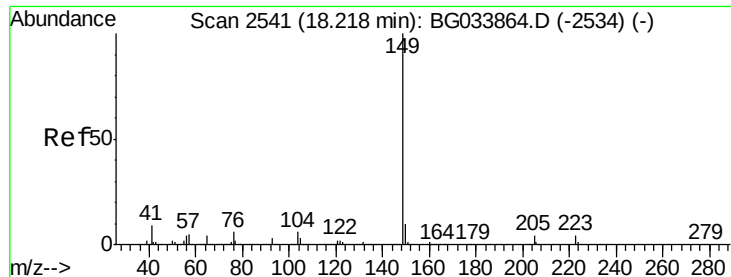
Sohil
 4/24/2018 4:37:36 PM



#72
 Carbazole
 Concen: 36.626 ng
 RT: 17.62 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	23.7	18.2	27.4	
139	13.6	9.4	14.2	





#73

Di-n-butylphthalate

Concen: 35.520 ng

RT: 18.20 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Instrument :

BNA_G

ClientSampleId :

BU-03-042018MS

Tot Ion:149 Resp: 1240793

Ion Ratio Lower Upper

149 100

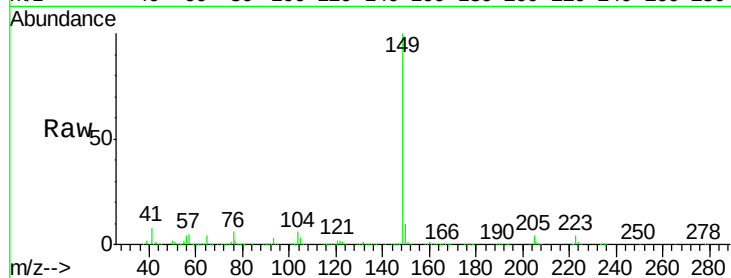
150 10.3 7.8 11.6

104 5.5 3.9 5.9

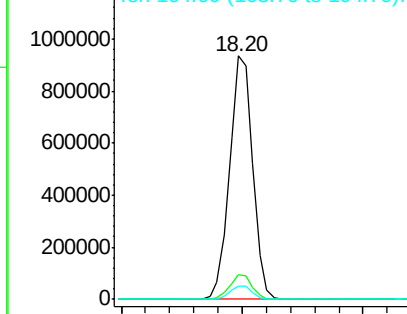
Manual Integrations
APPROVED

Sohil

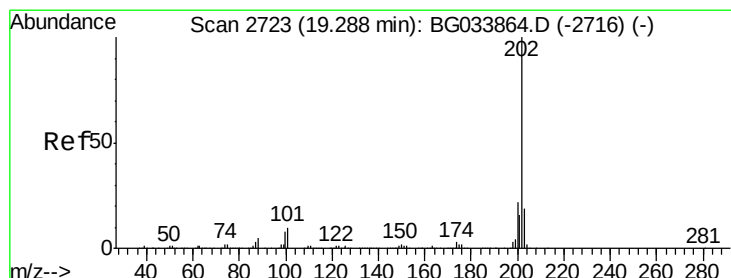
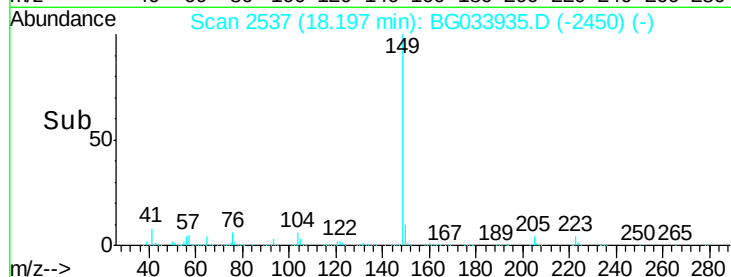
4/24/2018 4:37:36 PM



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



Time--> 18.10 18.20 18.30



#74

Fluoranthene

Concen: 37.679 ng

RT: 19.27 min Scan# 2720

Delta R.T. -0.02 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

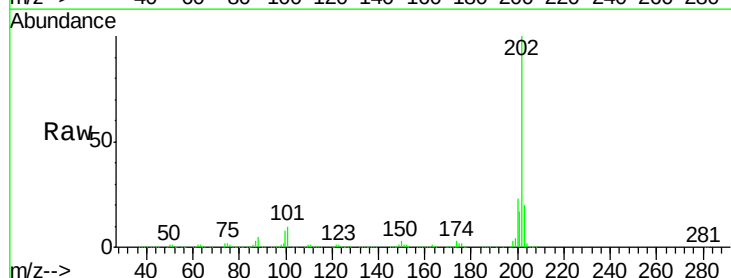
Tgt Ion:202 Resp: 1326530

Ion Ratio Lower Upper

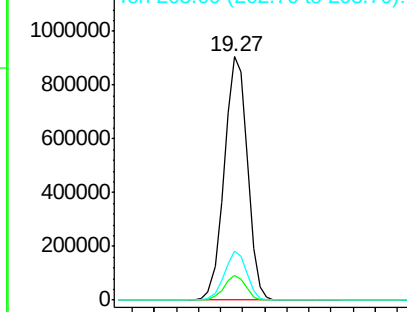
202 100

101 10.3 0.0 28.9

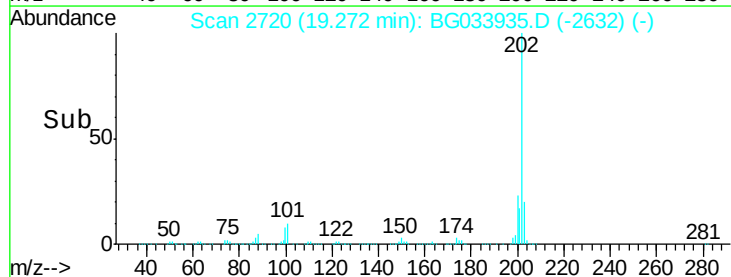
203 20.4 0.0 37.5

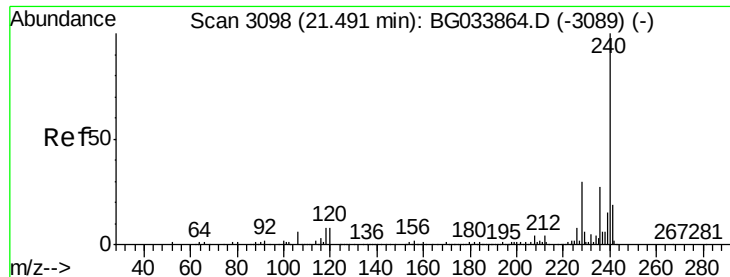


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 19.20 19.30 19.40





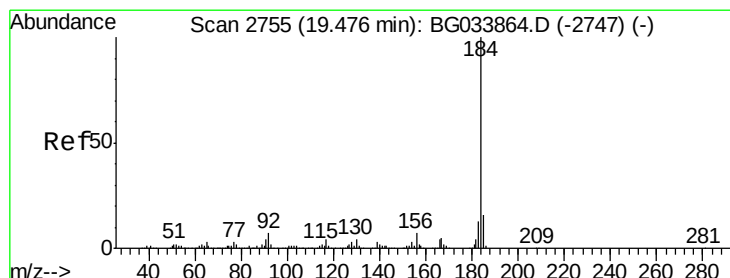
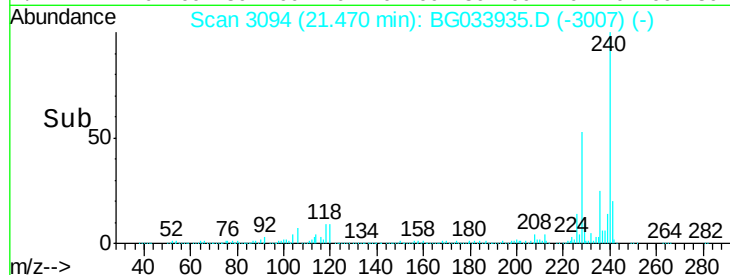
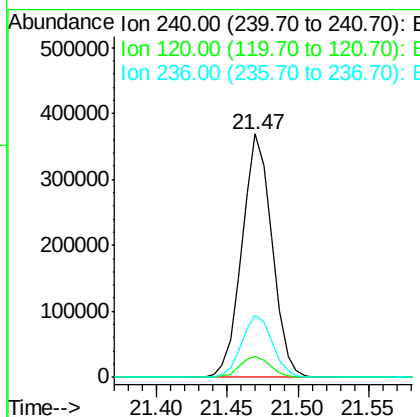
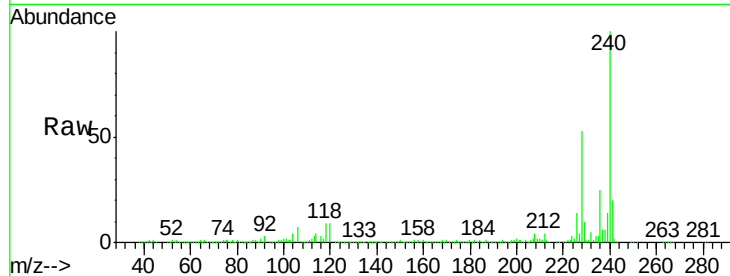
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	549639		
120	8.7	6.8	10.2	
236	25.5	20.9	31.3	

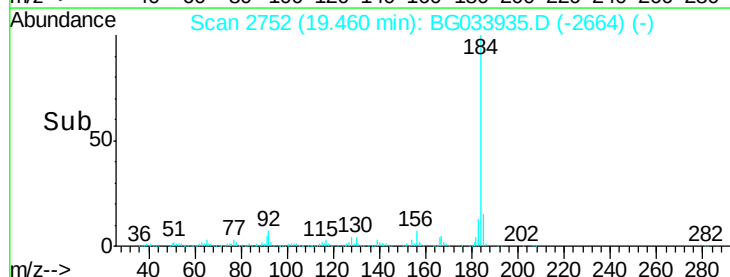
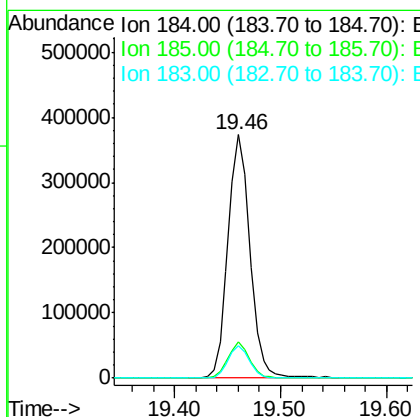
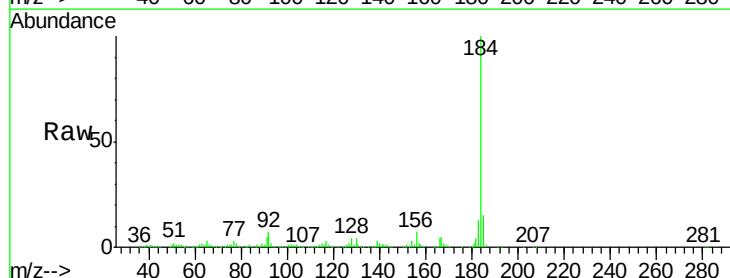
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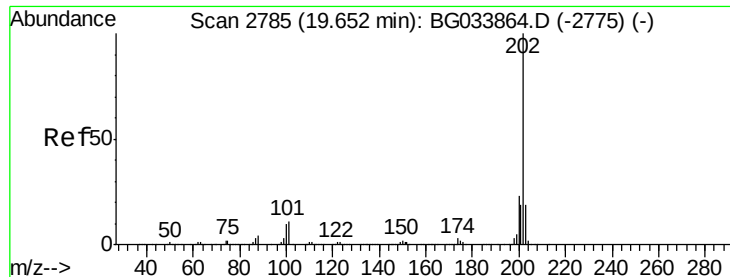
Sohil
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#76
Benzidine
Concen: 36.282 ng
RT: 19.46 min Scan# 2752
Delta R.T. -0.02 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	538512		
185	14.8	11.1	16.7	
183	13.1	10.6	16.0	





#77

Pvrene

Concen: 36.804 ng

RT: 19.64 min Scan# 2782

Delta R.T. -0.02 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Instrument :

BNA_G

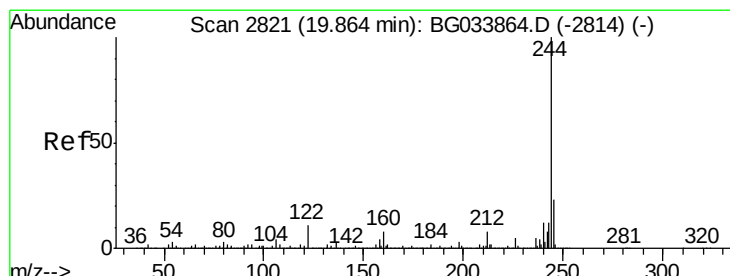
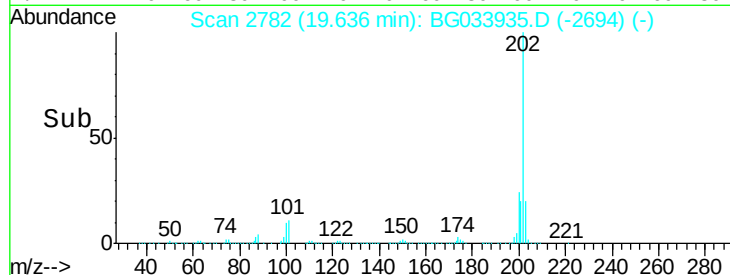
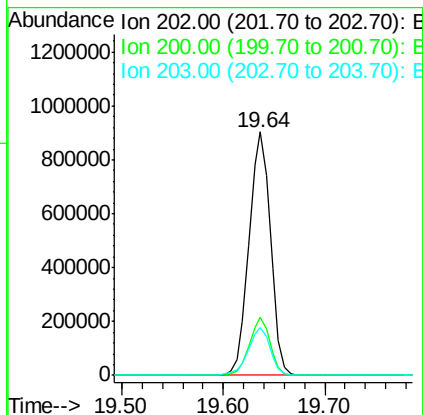
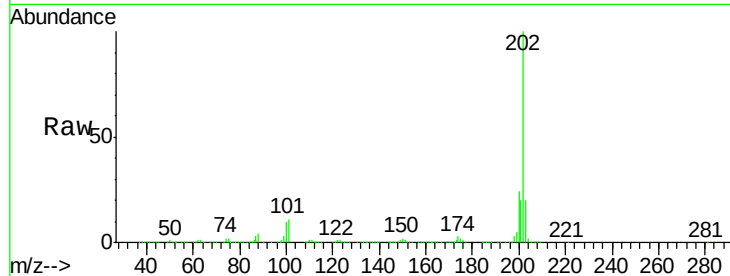
ClientSampleId :

BU-03-042018MS

Tot Ion:202	Resp: 1326807
Ion Ratio	Lower Upper
202 100	
200 24.0	16.9 25.3
203 19.9	13.9 20.9

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#78

Terphenyl-d14

Concen: 79.306 ng

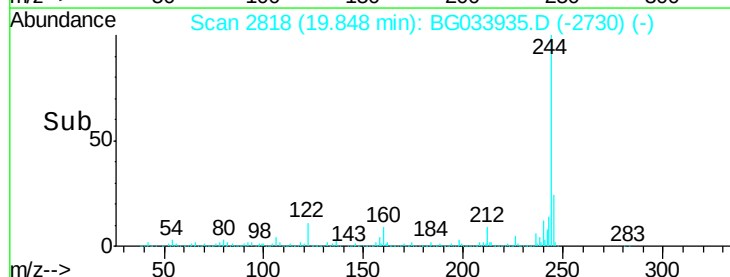
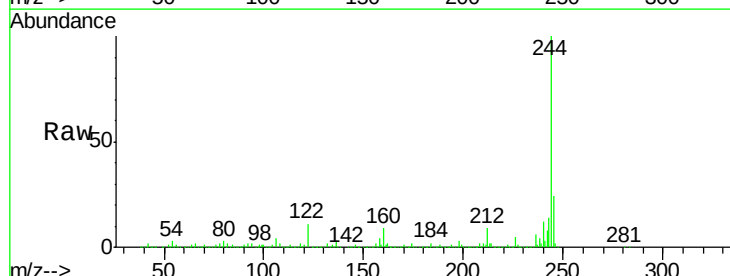
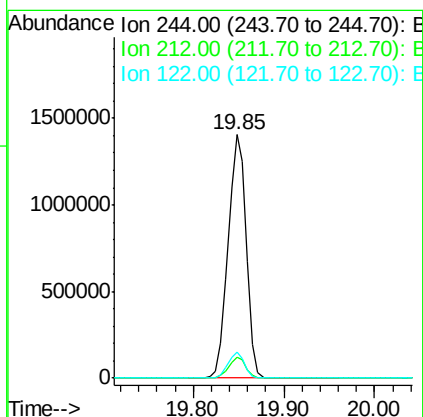
RT: 19.85 min Scan# 2818

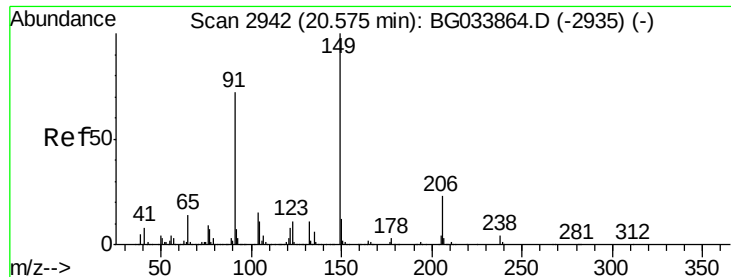
Delta R.T. -0.02 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Tgt Ion:244	Resp: 1940236
Ion Ratio	Lower Upper
244 100	
212 8.8	5.8 8.8#
122 10.9	7.0 10.4#





#79

Butylbenzylphthalate

Concen: 36.903 ng

RT: 20.55 min Scan# 2938

Delta R.T. -0.02 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Instrument :

BNA_G

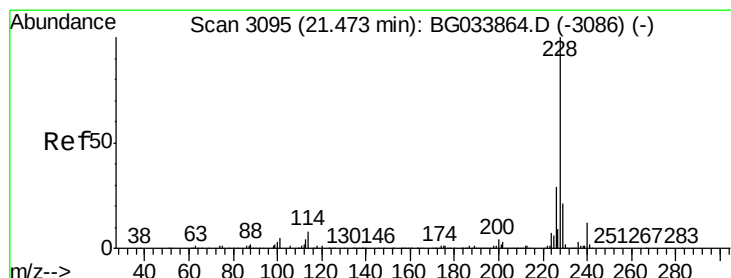
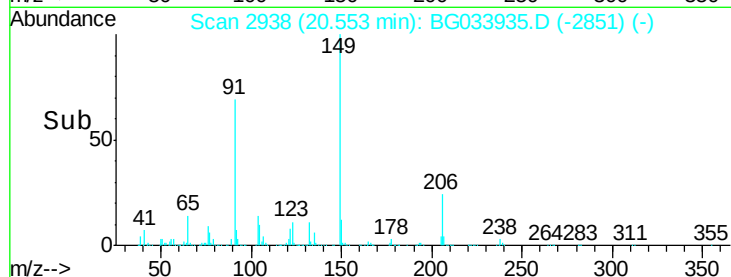
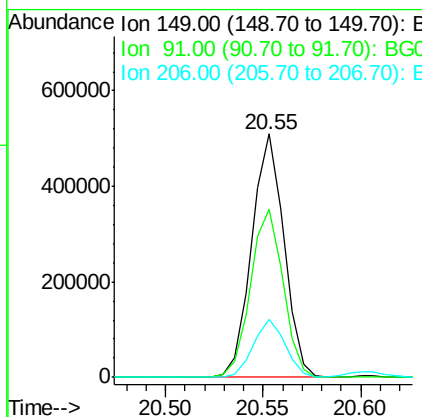
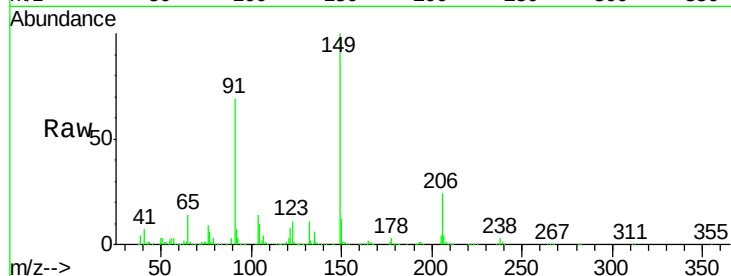
ClientSampleId :

BU-03-042018MS

Tot Ion:	149	Resp:	584236
Ion Ratio	Lower	Upper	
149	100		
91	68.9	62.2	93.2
206	23.8	18.6	27.8

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#80

Benzo(a)anthracene

Concen: 38.110 ng

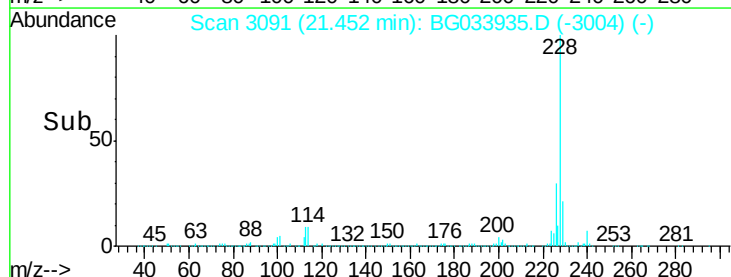
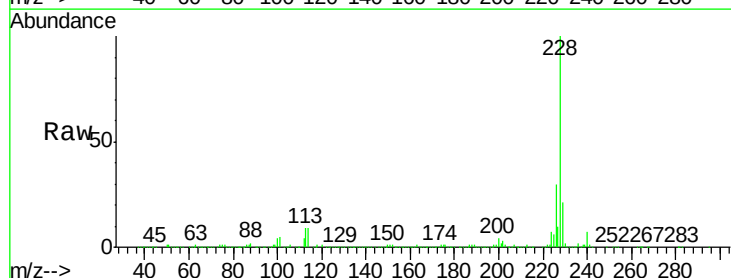
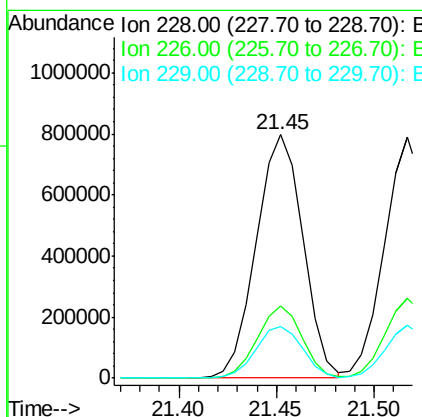
RT: 21.45 min Scan# 3091

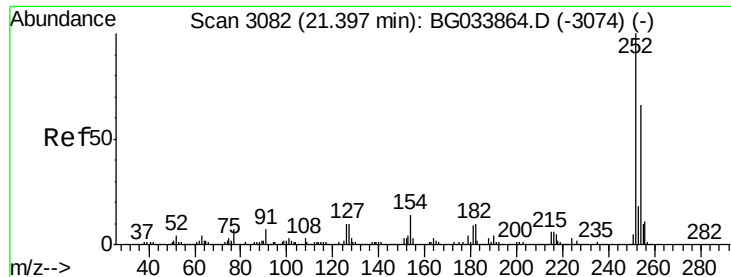
Delta R.T. -0.02 min

Lab File: BG033935.D

Acq: 24 Apr 2018 1:05

Tgt Ion:	228	Resp:	1320854
Ion Ratio	Lower	Upper	
228	100		
226	29.6	22.7	34.1
229	21.4	16.2	24.2





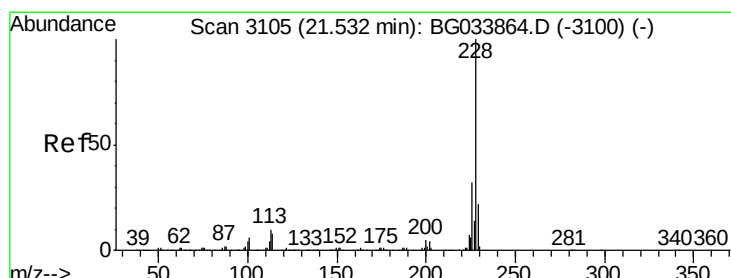
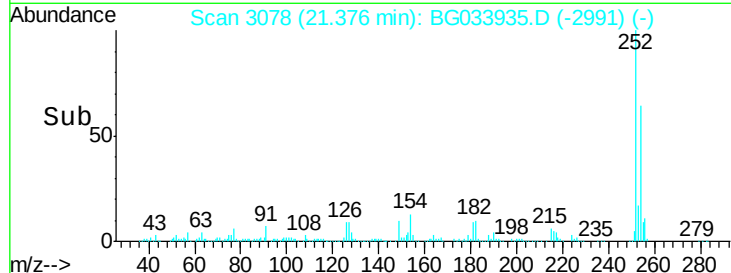
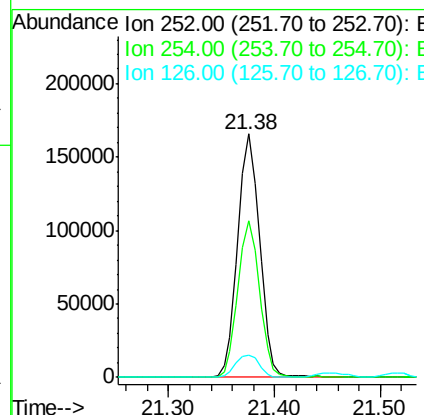
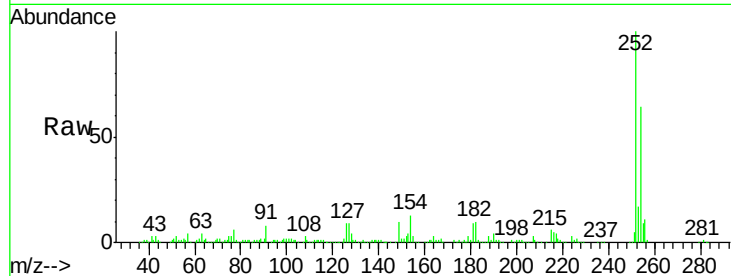
#81
 3,3'-Dichlorobenzidine
 Concen: 18.481 ng
 RT: 21.38 min Scan# 3078
 Delta R.T. -0.02 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.2	50.8	76.2
126	9.3	7.4	11.2

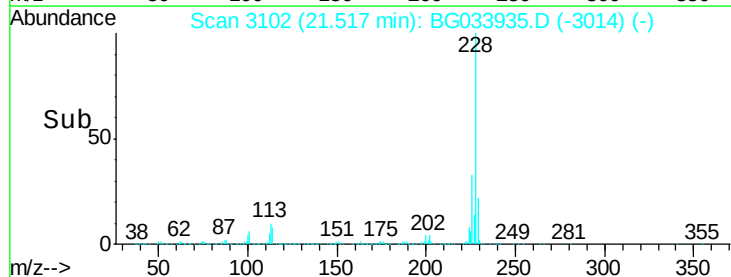
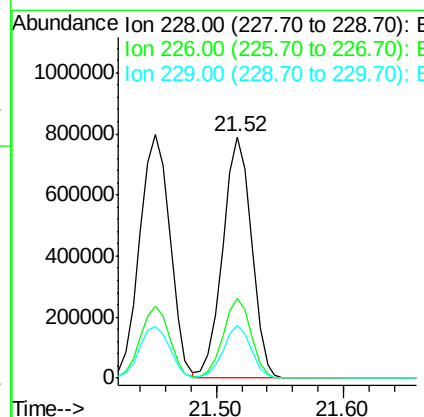
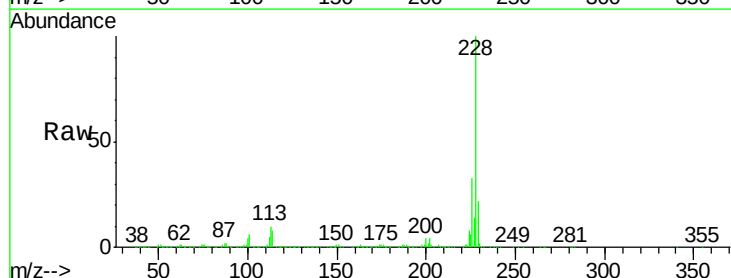
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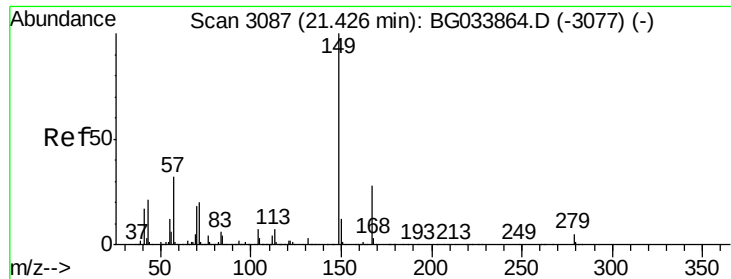
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#82
 Chrysene
 Concen: 37.529 ng
 RT: 21.52 min Scan# 3102
 Delta R.T. -0.02 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	33.2	24.9	37.3
229	22.1	15.0	22.4





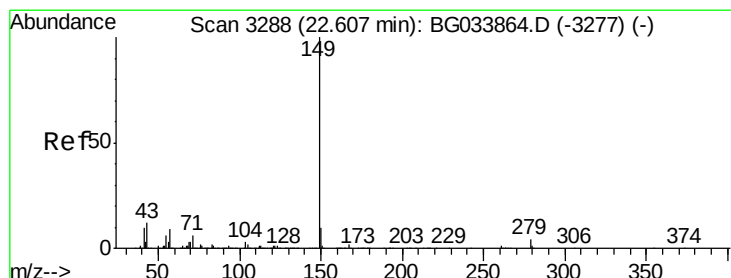
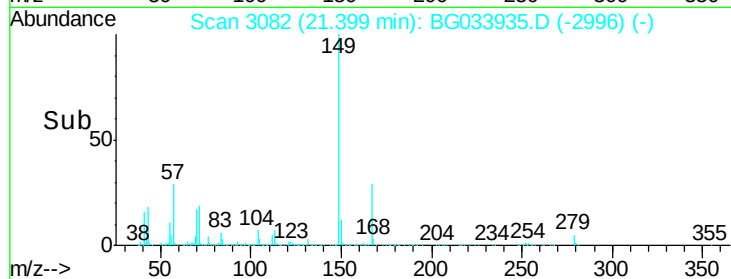
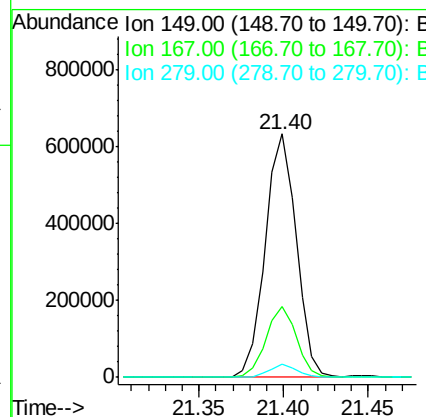
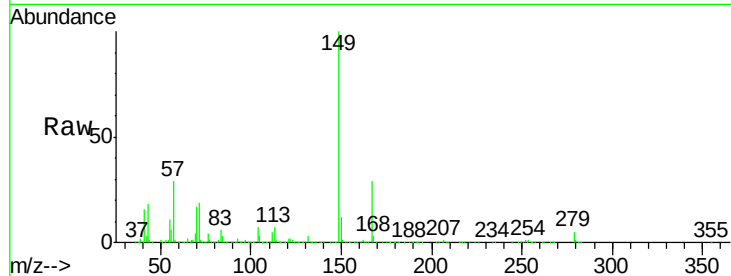
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.186 ng
 RT: 21.40 min Scan# 3082
 Delta R.T. -0.03 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.9	24.3	36.5
279	5.2	4.0	6.0

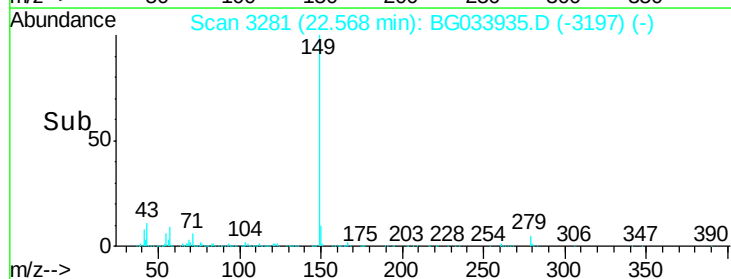
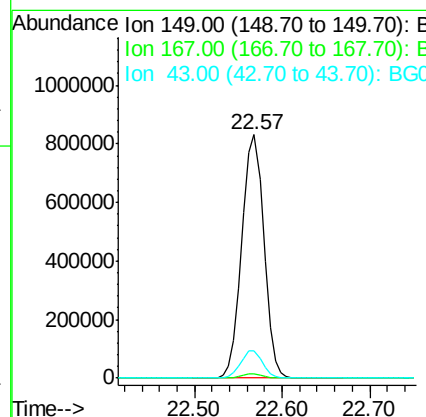
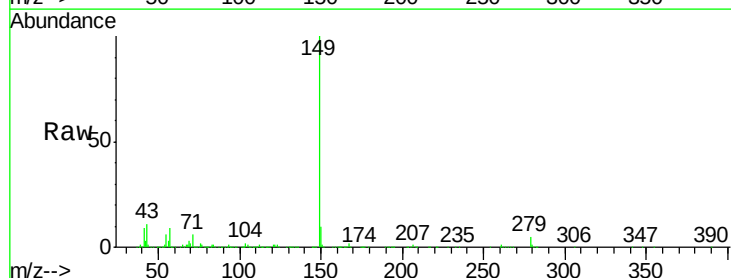
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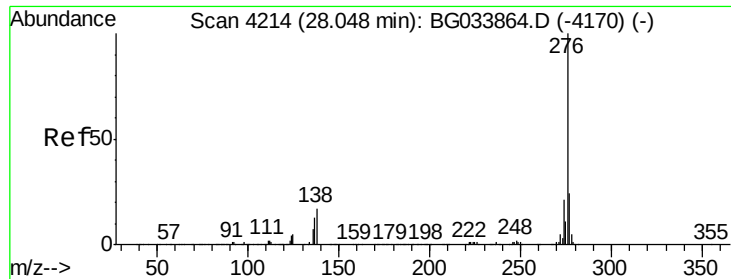
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#84
 Di-n-octyl phthalate
 Concen: 39.688 ng
 RT: 22.57 min Scan# 3281
 Delta R.T. -0.04 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.9	8.9	13.3





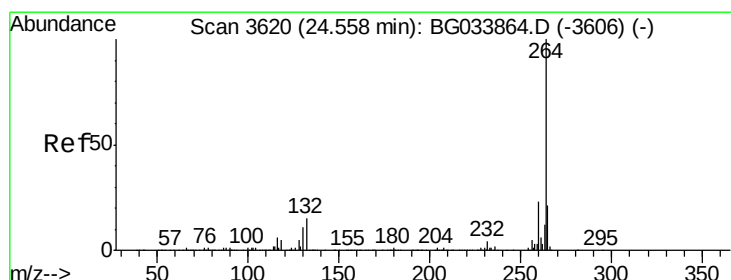
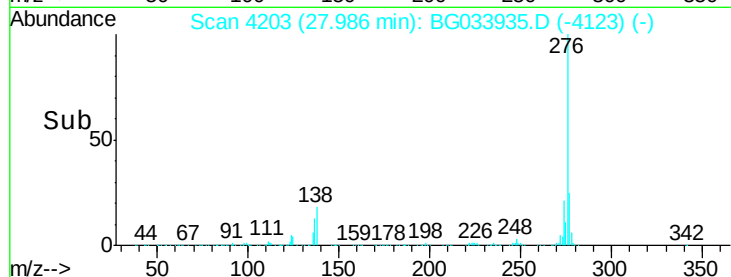
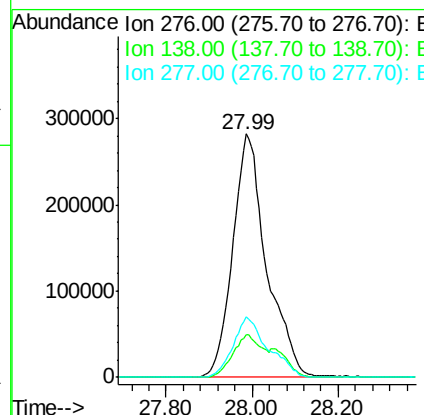
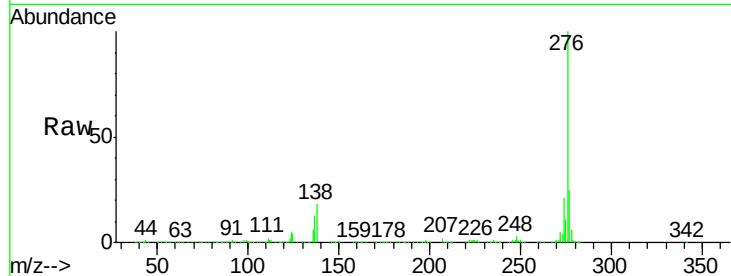
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.870 ng
RT: 27.99 min Scan# 4203
Delta R.T. -0.06 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	15.2	16.0	24.0	
277	25.8	20.0	30.0	

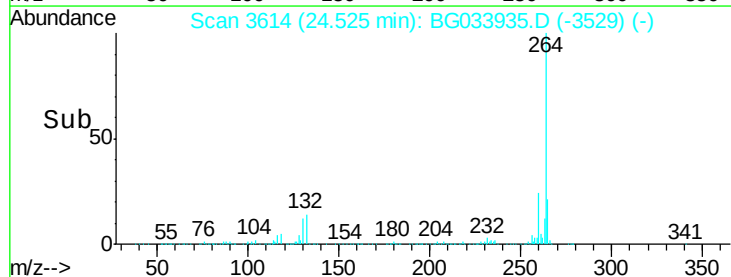
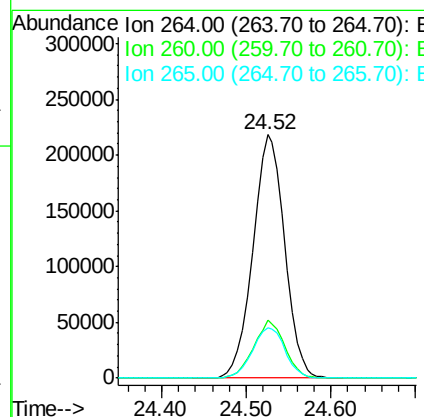
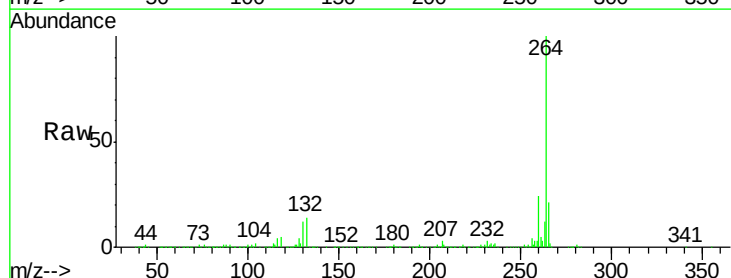
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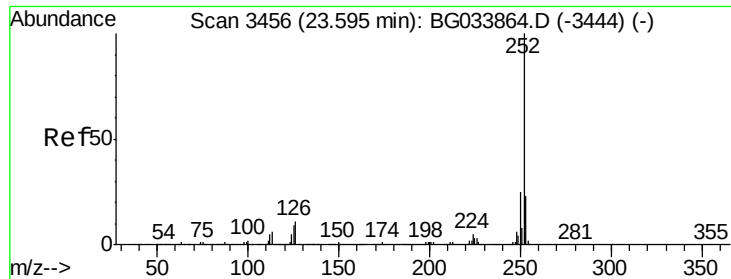
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.52 min Scan# 3614
Delta R.T. -0.03 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.7	17.4	26.0	
265	20.8	17.7	26.5	





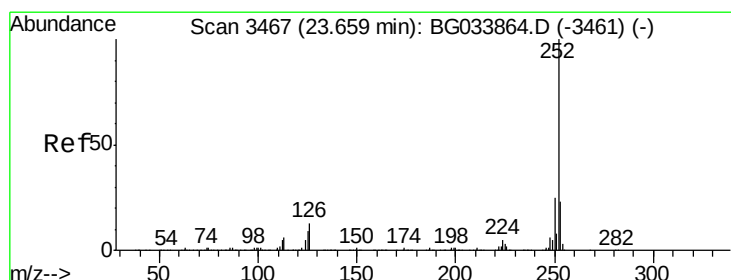
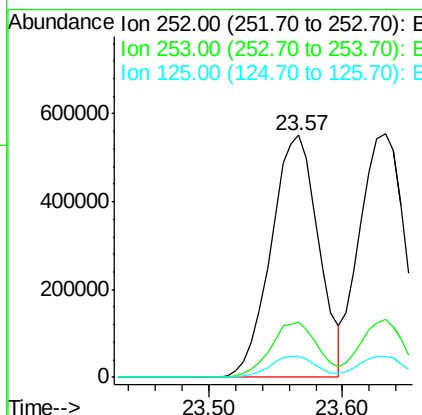
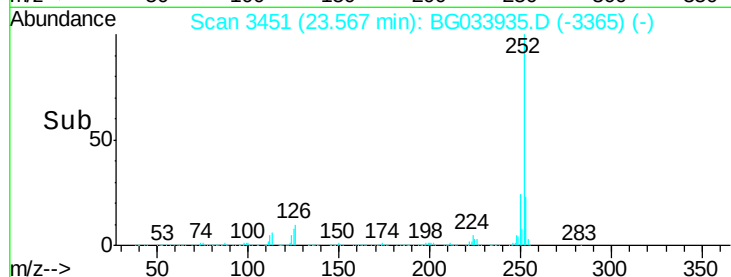
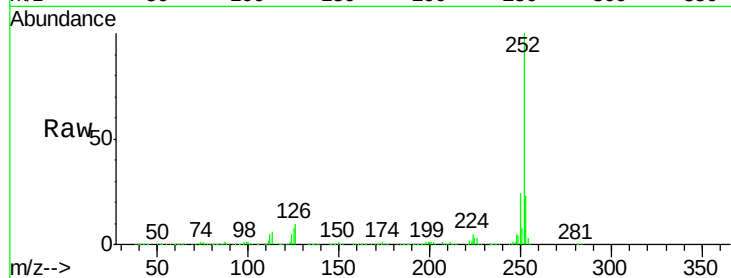
#87
Benzo(b)fluoranthene
Concen: 39.181 ng
RT: 23.57 min Scan# 3451
Delta R.T. -0.03 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	8.4	7.2	10.8

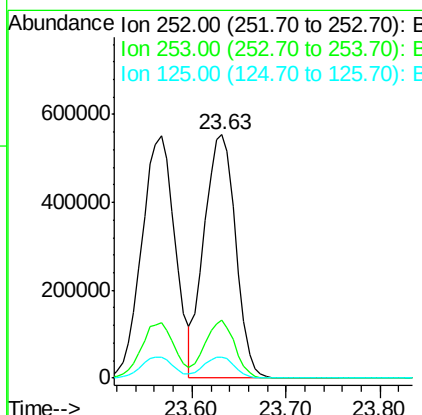
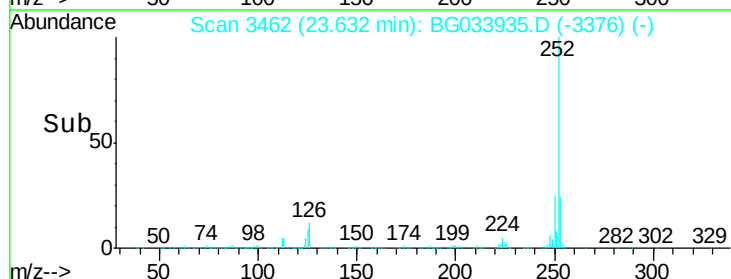
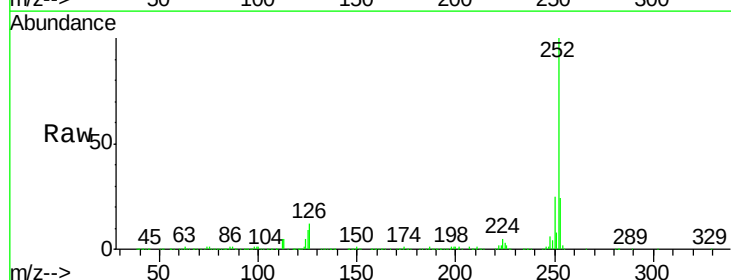
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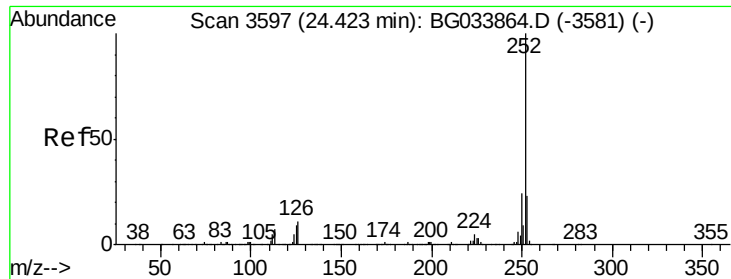
Sohil
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#88
Benzo(k)fluoranthene
Concen: 37.580 ng
RT: 23.63 min Scan# 3462
Delta R.T. -0.03 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.2
125	8.8	6.6	9.8





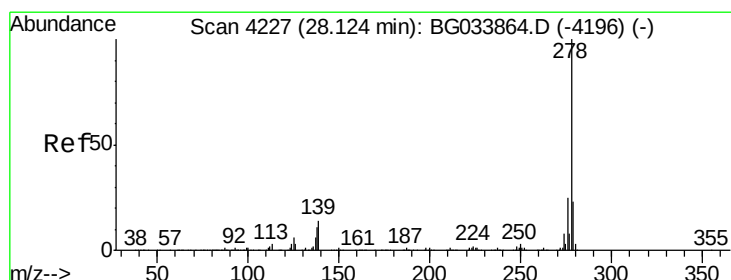
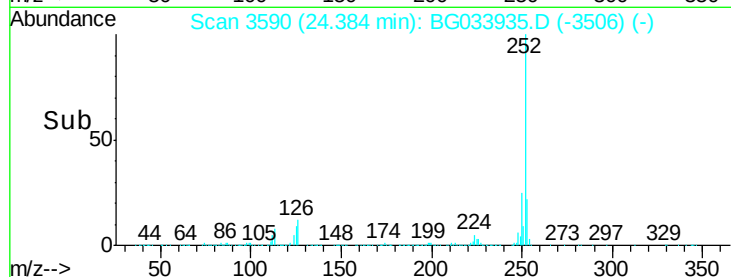
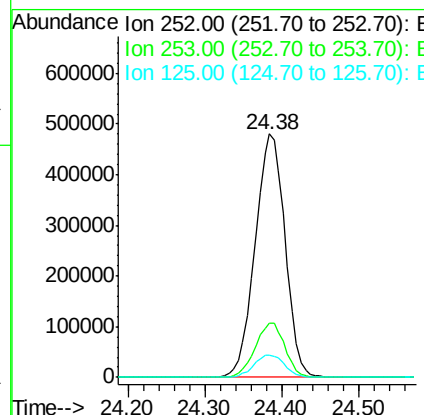
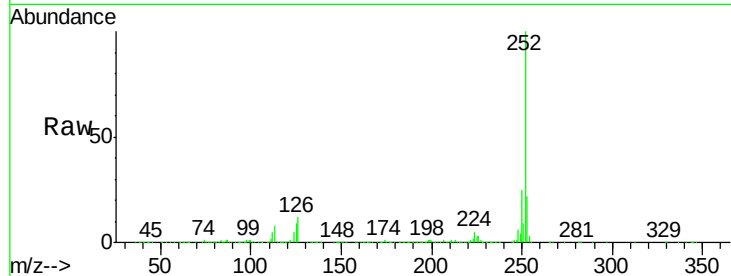
#89
Benzo(a)pyrene
Concen: 39.220 ng
RT: 24.38 min Scan# 3590
Delta R.T. -0.04 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	9.4	7.3	10.9

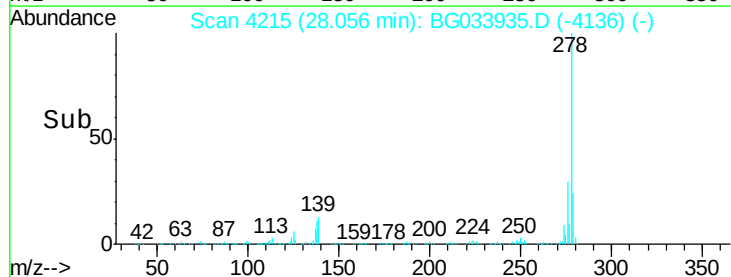
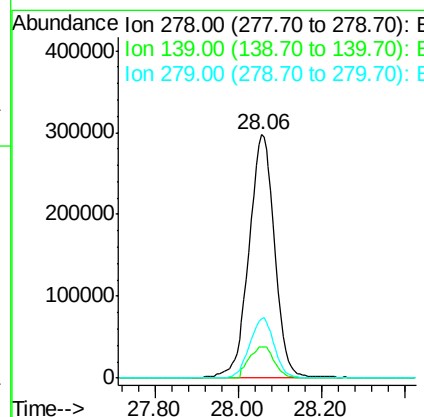
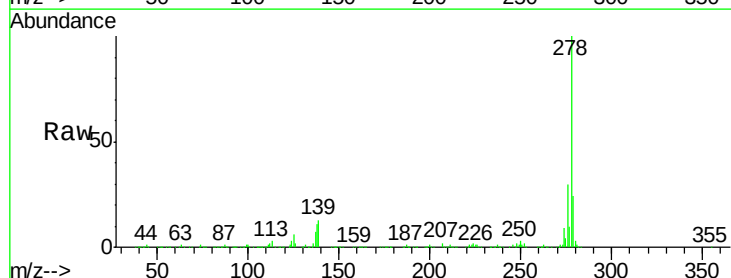
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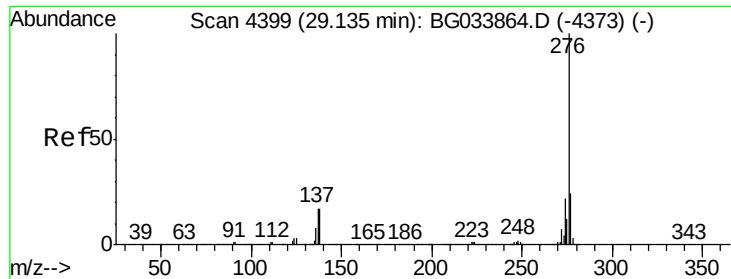
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#90
Dibenzo(a,h)anthracene
Concen: 39.727 ng
RT: 28.06 min Scan# 4215
Delta R.T. -0.07 min
Lab File: BG033935.D
Acq: 24 Apr 2018 1:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.0	9.8	14.6
279	24.4	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 40.107 ng
 RT: 29.07 min Scan# 4388
 Delta R.T. -0.06 min
 Lab File: BG033935.D
 Acq: 24 Apr 2018 1:05

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-042018MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.3	27.5
138	17.8	13.9	20.9

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