

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
 Data File : BG035454.D
 Acq On : 27 Jun 2018 20:50
 Operator : JU/SJ
 Sample : J3251-06MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-062518MSD

Manual Integrations
 APPROVED

Sohil
 6/28/2018 2:50:13 PM

Quant Time: Jun 28 01:49:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	52499	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	198219	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	136387	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	372580	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	393850	20.00	ng	-0.03
86) Perylene-d12	24.91	264	390116	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	437853	140.75	ng	-0.01
7) Phenol-d6	7.22	99	572053	124.59	ng	0.00
23) Nitrobenzene-d5	9.22	82	457654	109.75	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	326789	187.17	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	989998	94.36	ng	-0.03
78) Terphenyl-d14	20.02	244	1665437	88.58	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	55753	37.563	ng	# 70
3) Pyridine	3.96	79	140445	35.070	ng	# 71
4) n-Nitrosodimethylamine	3.86	42	62537	36.349	ng	# 66
6) Aniline	7.38	93	161416	27.197	ng	99
8) 2-Chlorophenol	7.62	128	159132	48.801	ng	97
9) Benzaldehyde	7.19	77	99202	28.050	ng	96
10) Phenol	7.24	94	201354	42.376	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	169279	45.900	ng	87
12) 1,3-Dichlorobenzene	7.94	146	167943	43.166	ng	96
13) 1,4-Dichlorobenzene	8.09	146	171898	42.800	ng	98
14) 1,2-Dichlorobenzene	8.40	146	163935	43.455	ng	98
15) Benzyl Alcohol	8.29	79	192842	44.325	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	177986	48.488	ng	77
17) 2-Methylphenol	8.49	107	155098	49.509	ng	# 88
18) Hexachloroethane	9.13	117	62096	43.186	ng	92
19) n-Nitroso-di-n-propylamine	8.86	70	156232	40.051	ng	# 88
20) 3+4-Methylphenols	8.82	107	211938	47.199	ng	91
22) Acetophenone	8.87	105	287018	46.744	ng	# 90
24) Nitrobenzene	9.26	77	231056	54.110	ng	# 97
25) Isophorone	9.78	82	447764	50.858	ng	100
26) 2-Nitrophenol	9.97	139	98387	66.844	ng	# 93
27) 2,4-Dimethylphenol	10.03	122	168013	54.306	ng	88
28) bis(2-Chloroethoxy)methane	10.26	93	233864	49.430	ng	96
29) 2,4-Dichlorophenol	10.50	162	194722	57.843	ng	93
30) 1,2,4-Trichlorobenzene	10.72	180	201819	49.997	ng	98
31) Naphthalene	10.91	128	506136	49.152	ng	96
32) Benzoic acid	10.14	122	42147	20.339	ng	92
33) 4-Chloroaniline	11.01	127	34727	7.767	ng	# 93
34) Hexachlorobutadiene	11.19	225	150546	47.955	ng	98
35) Caprolactam	11.79	113	45431m	36.517	ng	
36) 4-Chloro-3-methylphenol	12.14	107	229543	54.701	ng	95
37) 2-Methylnaphthalene	12.51	142	400247	51.268	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	282412	55.592	ng	99
40) Hexachlorocyclopentadiene	12.85	237	319843	100.399	ng	93

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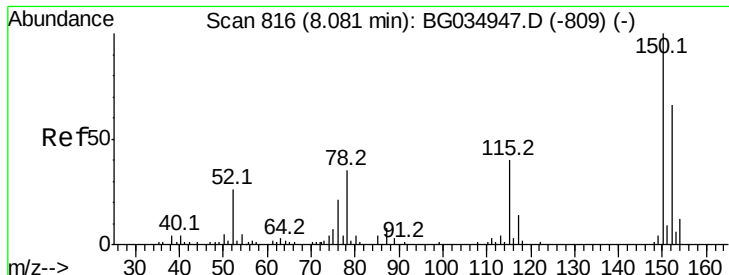
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	182331	59.940	nq	98
43) 2,4,5-Trichlorophenol	13.19	196	199512	59.757	nq	97
45) 1,1'-Biphenyl	13.51	154	547317	49.906	nq	97
46) 2-Chloronaphthalene	13.55	162	441043	53.191	nq	98
47) 2-Nitroaniline	13.76	65	150102	61.305	nq	88
48) Acenaphthylene	14.40	152	730872	52.568	nq	96
49) Dimethylphthalate	14.13	163	595076	50.034	nq	98
50) 2,6-Dinitrotoluene	14.24	165	140729	64.860	nq	92
51) Acenaphthene	14.74	154	429726	47.305	nq	97
52) 3-Nitroaniline	14.57	138	78230	36.743	nq #	96
53) 2,4-Dinitrophenol	14.78	184	60893	69.345	nq #	63
54) Dibenzofuran	15.07	168	716711	52.679	nq	94
55) 4-Nitrophenol	14.88	139	148516	82.652	nq #	89
56) 2,4-Dinitrotoluene	15.03	165	199024	69.051	nq #	87
57) Fluorene	15.72	166	596952	52.501	nq	95
58) 2,3,4,6-Tetrachlorophenol	15.30	232	200736	61.890	nq #	92
59) Diethylphthalate	15.49	149	599308	49.390	nq	97
60) 4-Chlorophenyl-phenylether	15.71	204	346350	53.419	nq	97
61) 4-Nitroaniline	15.74	138	134583	58.942	nq #	84
62) Azobenzene	16.01	77	594086	49.962	nq	94
64) 4,6-Dinitro-2-methylphenol	15.79	198	68790	40.439	nq	86
65) n-Nitrosodiphenylamine	15.92	169	514852	46.014	nq	96
66) 4-Bromophenyl-phenylether	16.61	248	239909	53.470	nq	97
67) Hexachlorobenzene	16.72	284	242438	53.088	nq	95
68) Atrazine	16.87	200	239388	50.170	nq	95
69) Pentachlorophenol	17.07	266	191352	62.313	nq	99
70) Phenanthrene	17.46	178	949204	50.153	nq	96
71) Anthracene	17.55	178	952453	50.240	nq	98
72) Carbazole	17.82	167	867222	49.302	nq	99
73) Di-n-butylphthalate	18.37	149	992067	47.318	nq #	99
74) Fluoranthene	19.47	202	1238792	50.300	nq	96
76) Benzidine	19.64	184	354394	24.186	nq	98
77) Pyrene	19.82	202	1222903	47.099	nq	97
79) Butylbenzylphthalate	20.71	149	457788	48.556	nq #	93
80) Benzo(a)anthracene	21.66	228	1253981	49.824	nq	99
81) 3,3'-Dichlorobenzidine	21.58	252	281568	29.736	nq #	97
82) Chrysene	21.73	228	1146595m	49.758	nq	
83) Bis(2-ethylhexyl)phthalate	21.57	149	623255	46.784	nq #	98
84) Di-n-octyl phthalate	22.78	149	1045702	45.753	nq #	92
85) Indeno(1,2,3-cd)pyrene	28.57	276	1369632	50.749	nq #	85
87) Benzo(b)fluoranthene	23.88	252	1245024	51.824	nq #	97
88) Benzo(k)fluoranthene	23.95	252	1155860	49.184	nq #	95
89) Benzo(a)pyrene	24.75	252	1188305	52.565	nq #	97
90) Dibenzo(a,h)anthracene	28.64	278	1127980	50.546	nq #	94
91) Benzo(g,h,i)perylene	29.73	276	1133724	51.912	nq #	93

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



#1

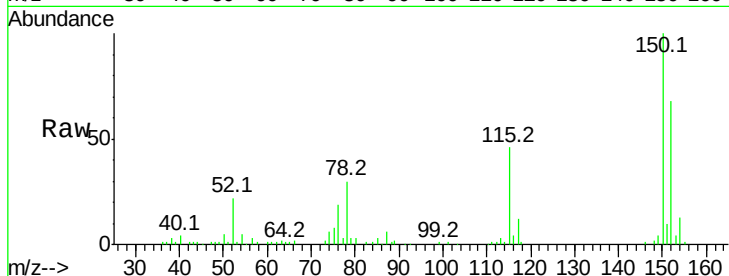
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Instrument :
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ClientSampleId :
SU-02-062518MSD

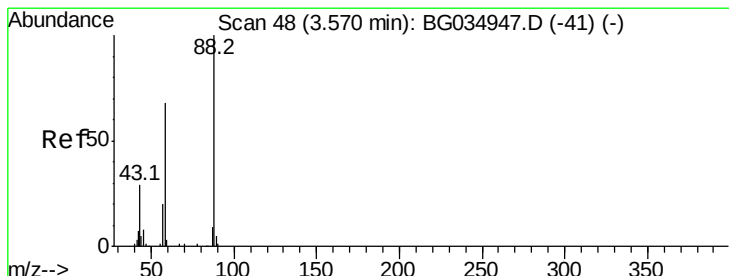
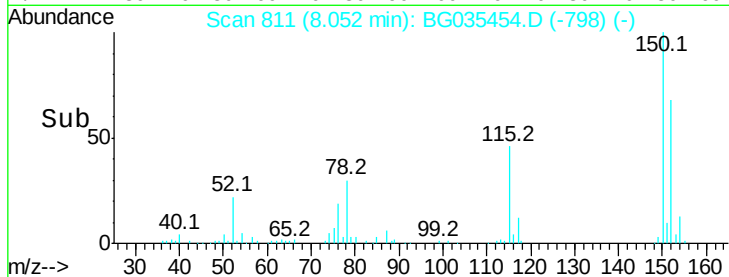
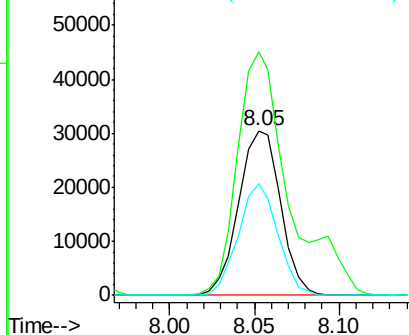
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.9	126.6	189.8
115	67.8	53.0	79.4

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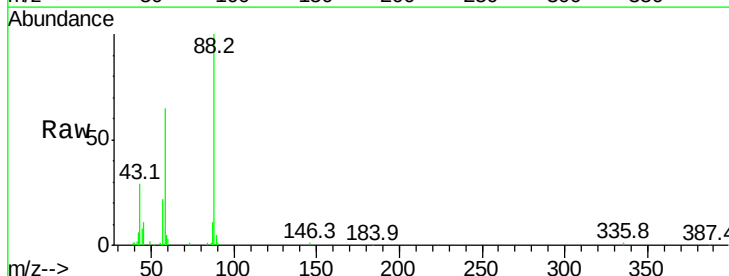
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



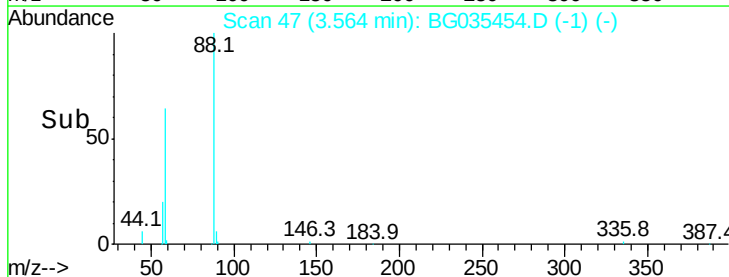
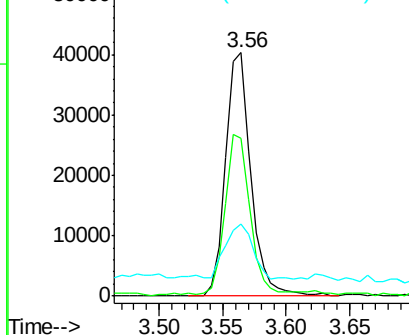
#2

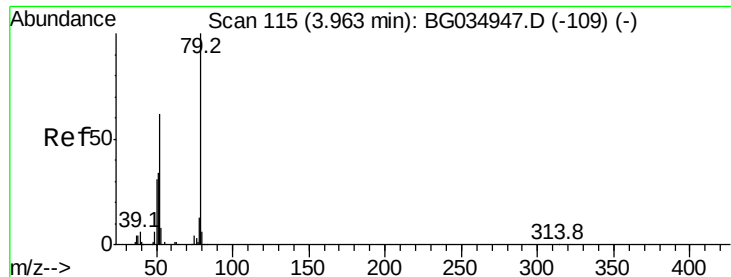
1,4-Dioxane
Concen: 37.563 ng
RT: 3.56 min Scan# 47
Delta R.T. -0.00 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.6	79.6	119.4#
43	25.0	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: 35.070 ng

RT: 3.96 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Instrument :

BNA_G

ClientSampleId :

SU-02-062518MSD

Tot Ion: 79 Resp: 140445

Ion Ratio Lower Upper

79 100

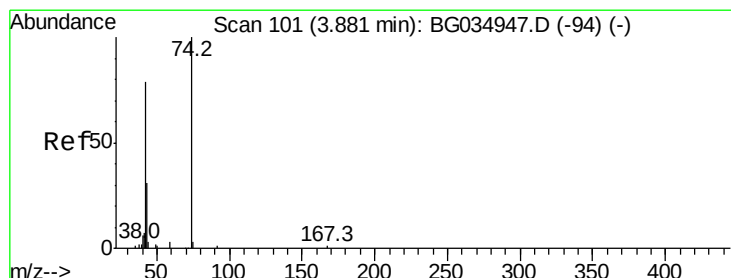
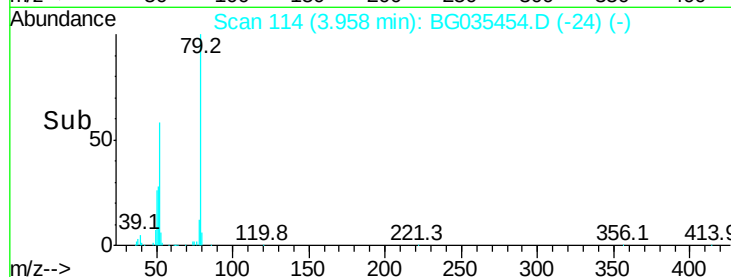
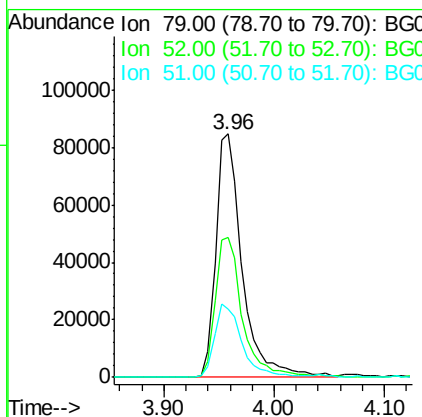
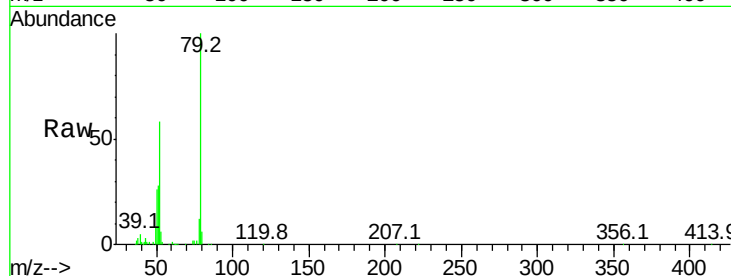
52 57.7 69.9 104.9#

51 28.2 34.0 51.0#

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#4

n-Nitrosodimethylamine

Concen: 36.349 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.02 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

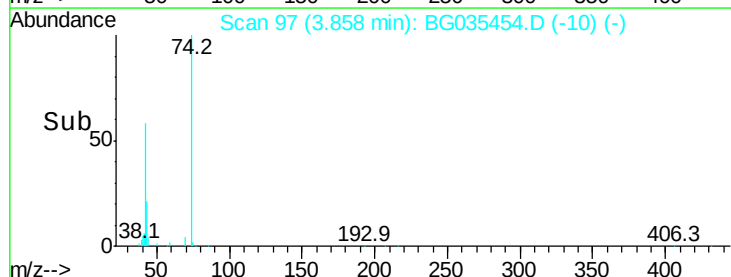
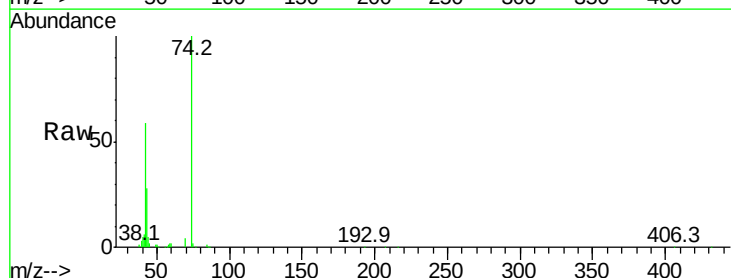
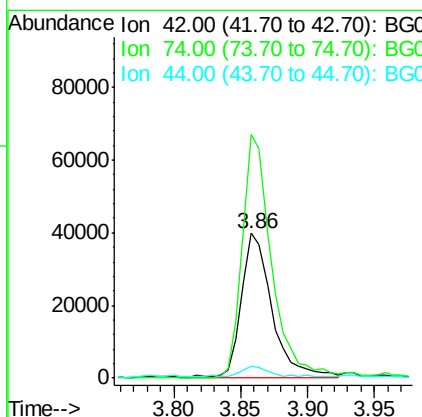
Tgt Ion: 42 Resp: 62537

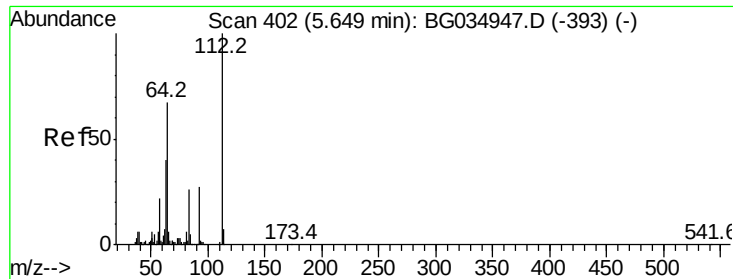
Ion Ratio Lower Upper

42 100

74 168.3 102.5 153.7#

44 8.1 18.9 28.3#





#5

2-Fluorophenol

Concen: 140.750 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Instrument :

BNA_G

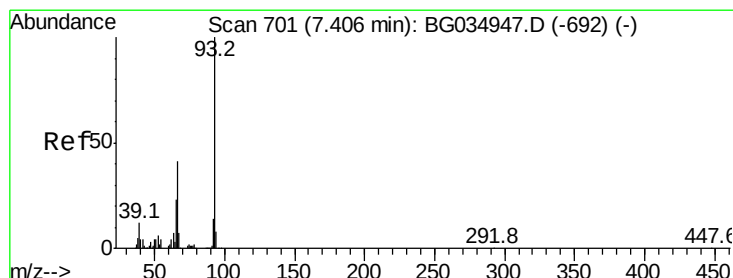
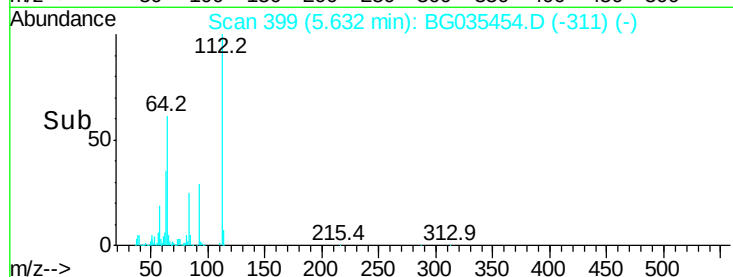
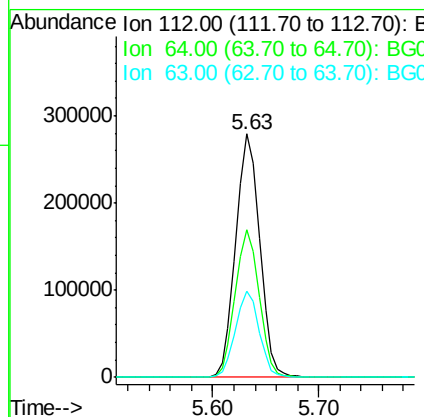
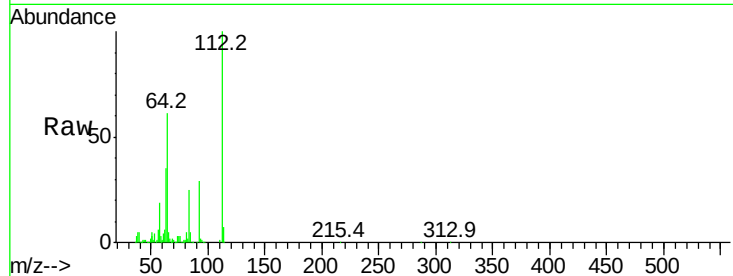
ClientSampleId :

SU-02-062518MSD

Tot Ion:	112	Resp:	437853
Ion Ratio	Lower	Upper	
112	100		
64	60.8	56.3	84.5
63	35.4	30.1	45.1

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#6

Aniline

Concen: 27.197 ng

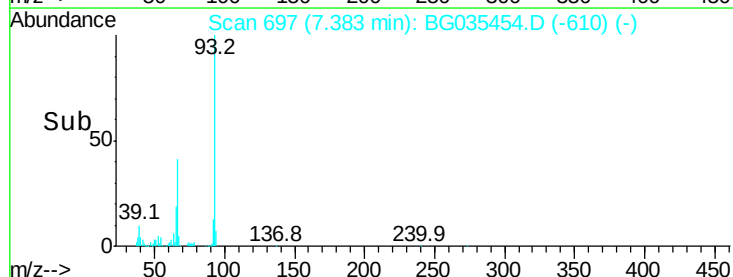
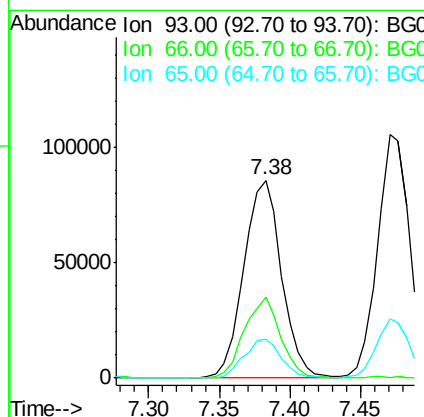
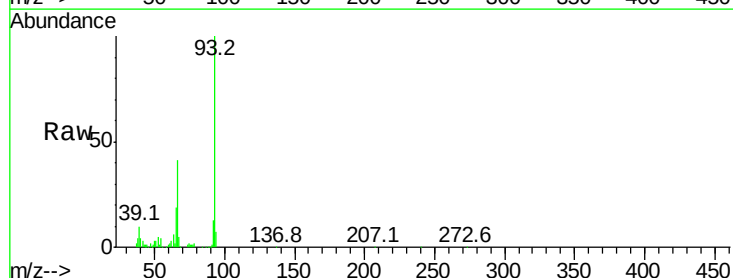
RT: 7.38 min Scan# 697

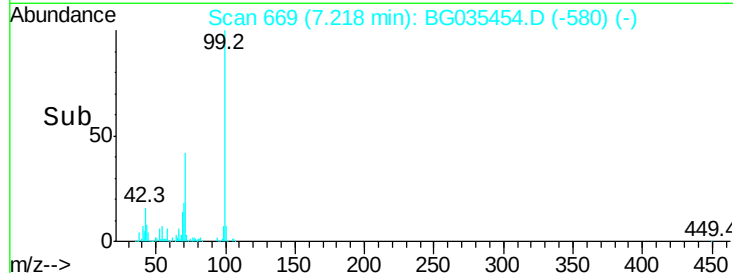
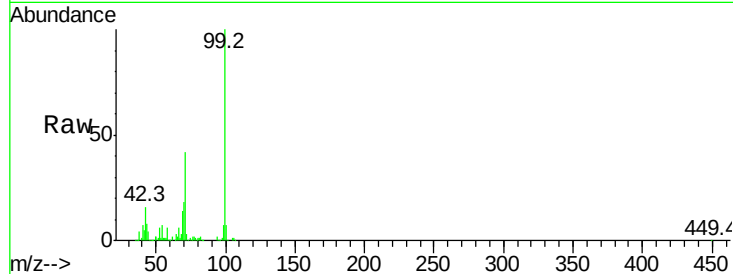
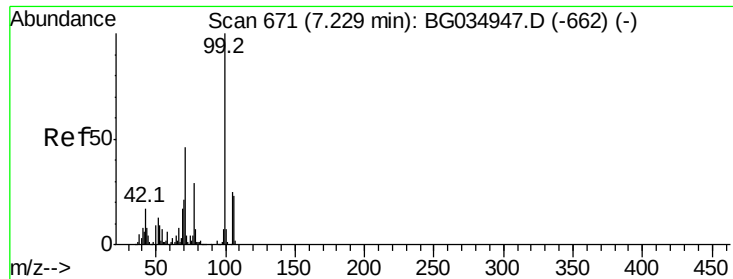
Delta R.T. -0.02 min

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Tgt Ion:	93	Resp:	161416
Ion Ratio	Lower	Upper	
93	100		
66	41.2	33.7	50.5
65	19.4	16.1	24.1





#7

Phenol-d6

Concen: 124.591 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		572053		
42	15.9	14.1	21.1		
71	42.3	26.1	39.1#		

Instrument :

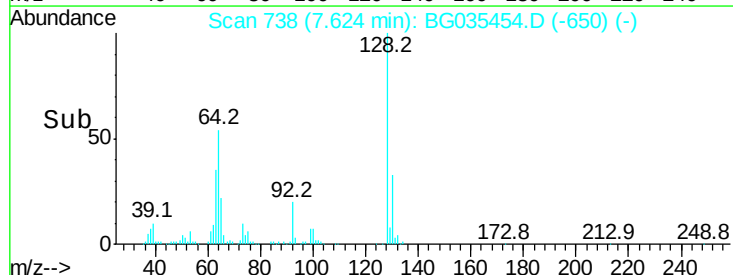
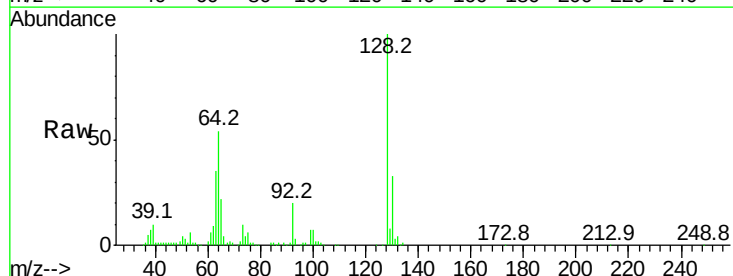
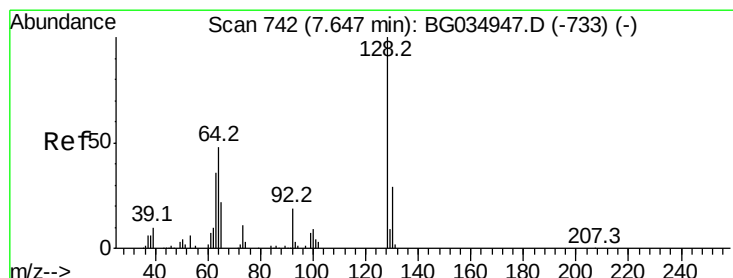
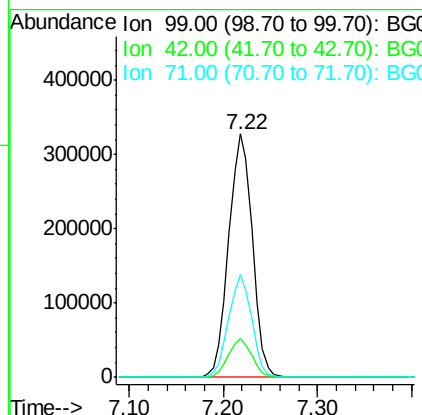
BNA_G

ClientSampleId :

SU-02-062518MSD

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#8

2-Chlorophenol

Concen: 48.801 ng

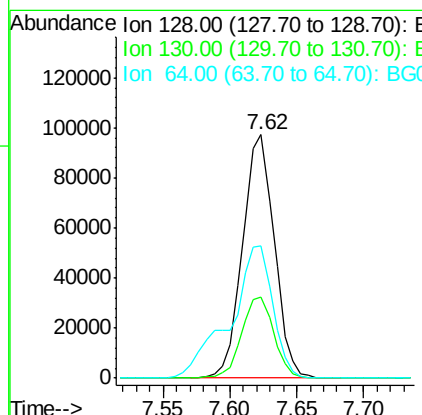
RT: 7.62 min Scan# 738

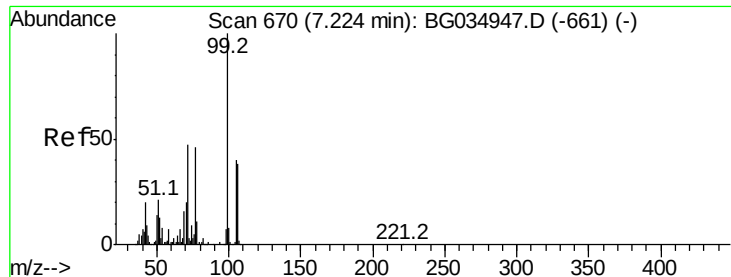
Delta R.T. -0.01 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		159132		
130	33.1	14.0	54.0		
64	54.5	37.7	77.7		





#9

Benzaldehyde

Concen: 28.050 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.02 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Instrument :

BNA_G

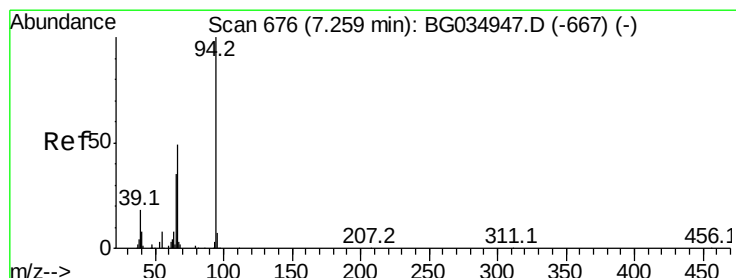
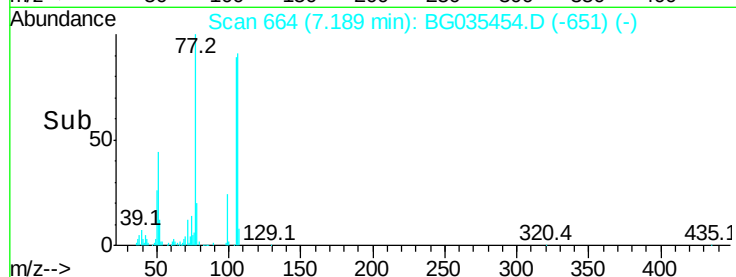
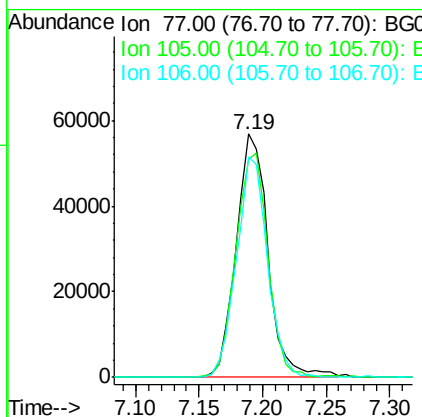
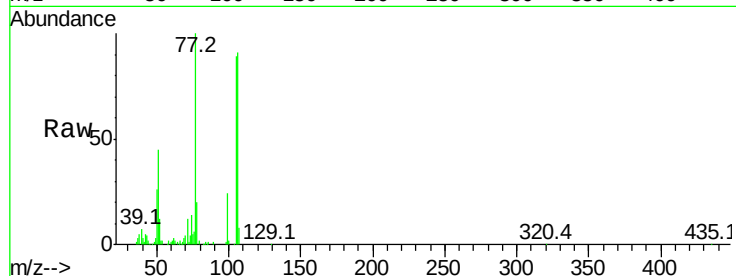
ClientSampleId :

SU-02-062518MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	89.4	71.3	111.3
106	90.7	64.2	104.2

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#10

Phenol

Concen: 42.376 ng

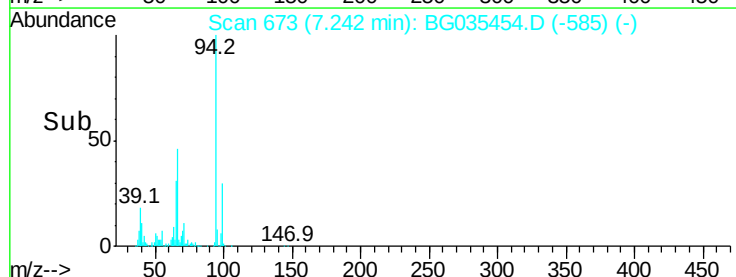
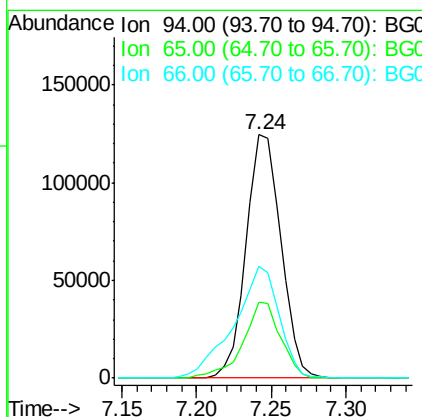
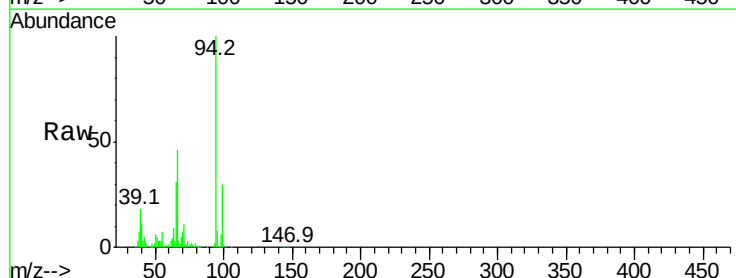
RT: 7.24 min Scan# 673

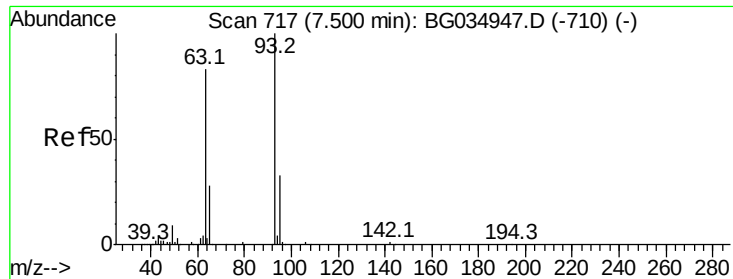
Delta R.T. -0.01 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.0	11.9	51.9
66	46.1	22.2	62.2





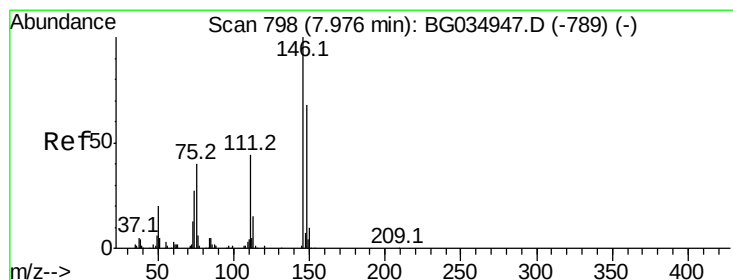
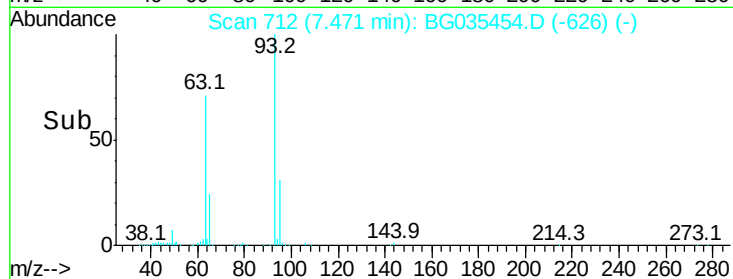
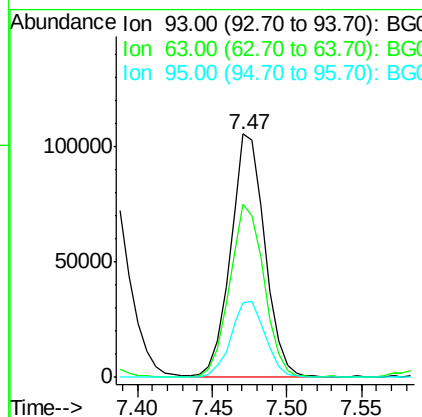
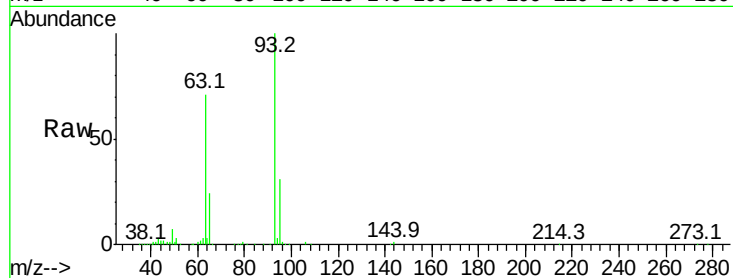
#11
bis(2-Chloroethyl)ether
Concen: 45.900 ng
RT: 7.47 min Scan# 712
Delta R.T. -0.02 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Instrument :
BNA_G
ClientSampleId :
SU-02-062518MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	169279		
63	71.2		67.1	107.1
95	30.8		11.5	51.5

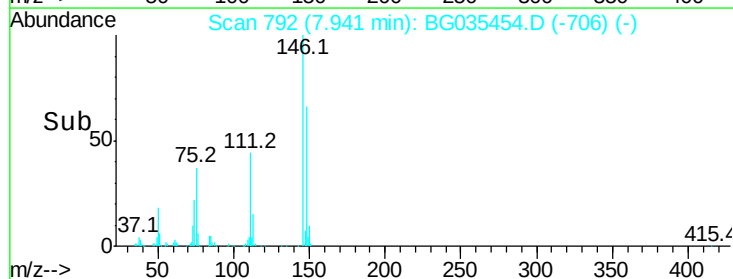
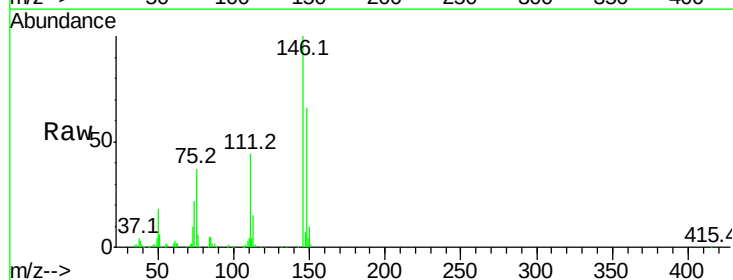
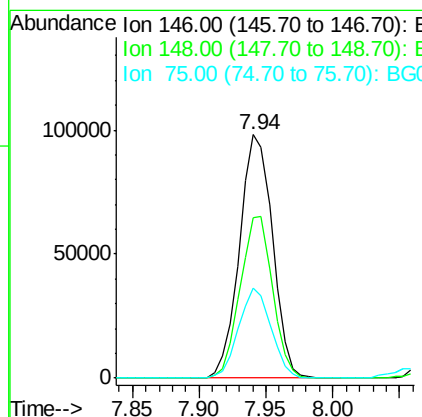
Manual Integrations
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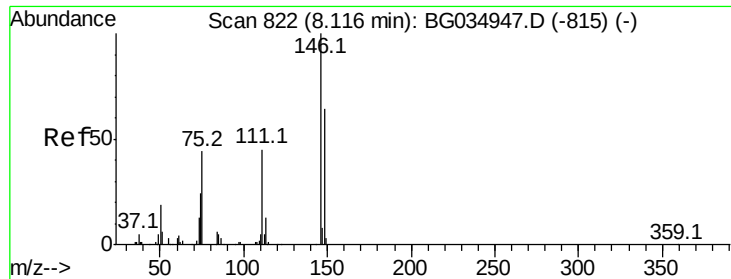
Sohil
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#12
1,3-Dichlorobenzene
Concen: 43.166 ng
RT: 7.94 min Scan# 792
Delta R.T. -0.02 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	167943		
148	65.9		51.4	77.2
75	36.9		26.6	39.8





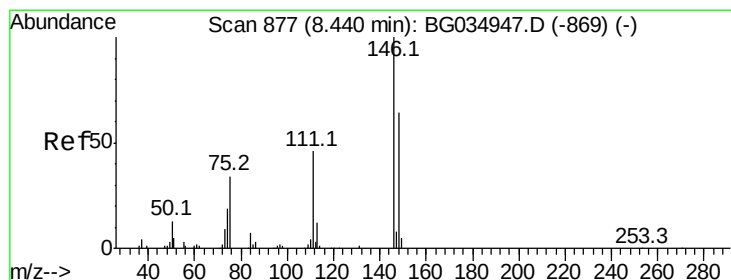
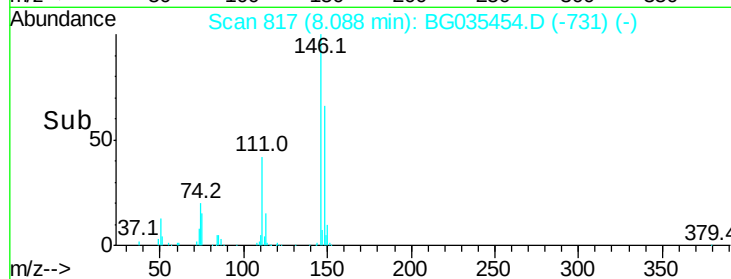
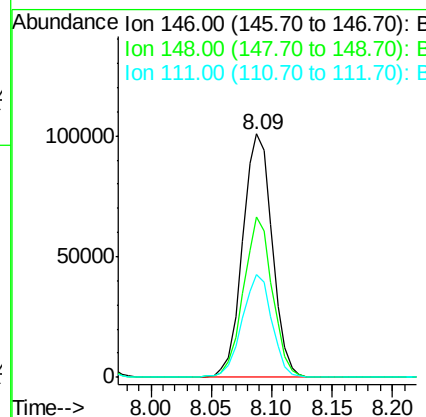
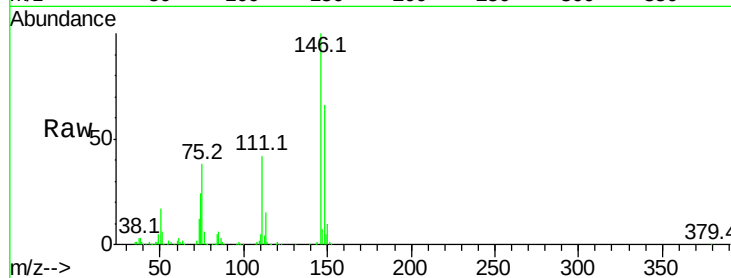
#13
 1,4-Dichlorobenzene
 Concen: 42.800 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG035454.D
 Acq: 27 Jun 2018 20:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-062518MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	53.7	80.5
111	42.1	35.2	52.8

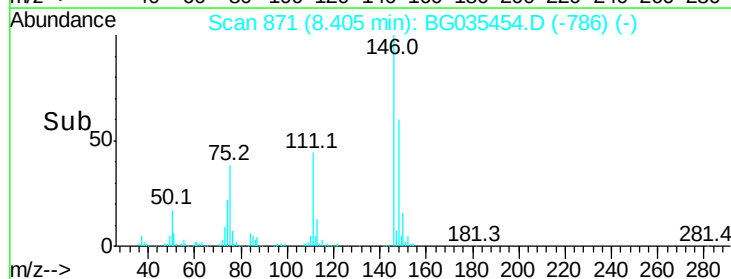
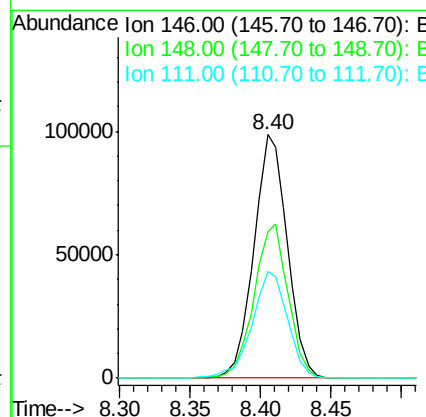
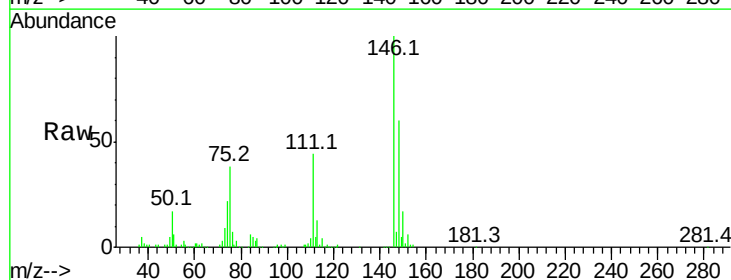
Manual Integrations
 APPROVED

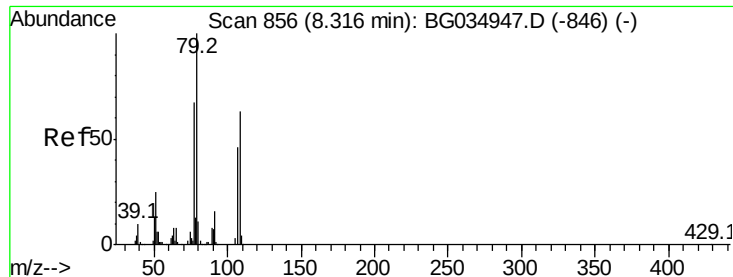
Sohil
 6/28/2018 2:50:13 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.455 ng
 RT: 8.40 min Scan# 871
 Delta R.T. -0.03 min
 Lab File: BG035454.D
 Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.1	49.3	73.9
111	43.6	34.3	51.5





#15

Benzyl Alcohol

Concen: 44.325 ng

RT: 8.29 min Scan# 852

Delta R.T. -0.02 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Instrument :

BNA_G

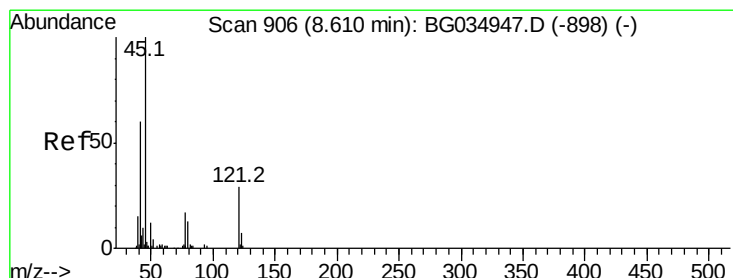
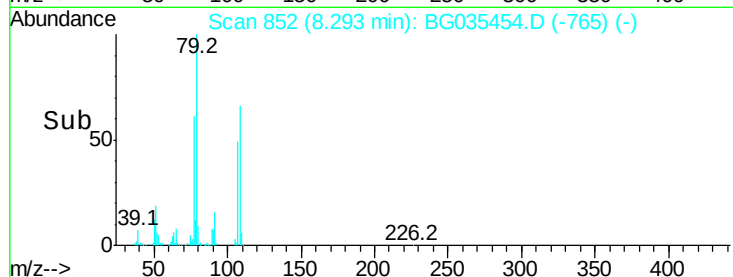
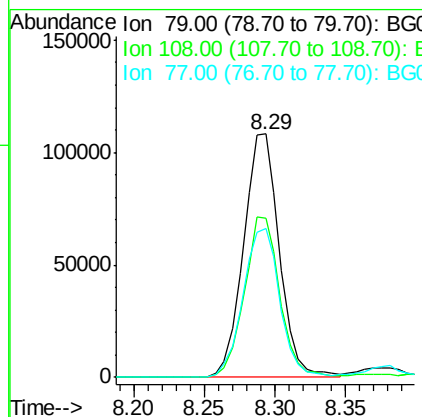
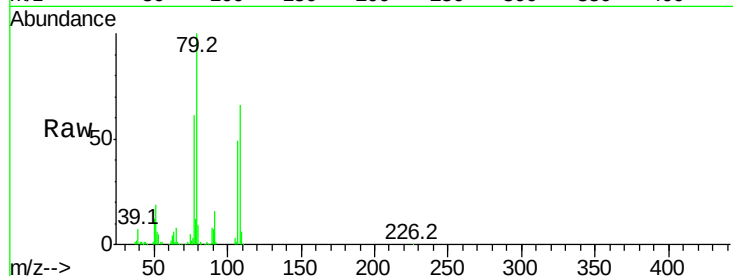
ClientSampleId :

SU-02-062518MSD

Tot Ion:	79	Resp:	192842
Ion Ratio	Lower	Upper	
79	100		
108	65.6	57.2	85.8
77	60.9	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.488 ng

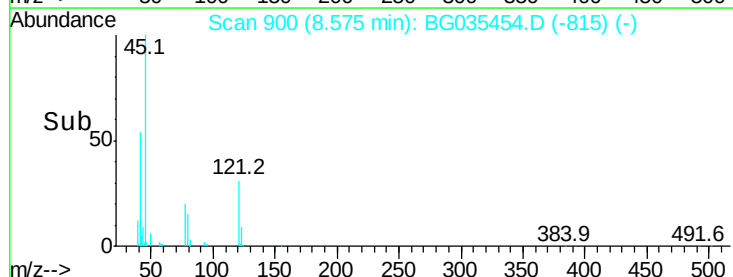
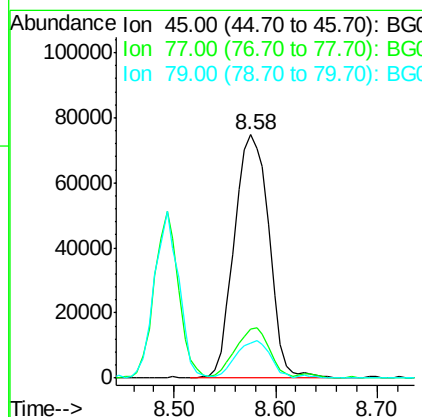
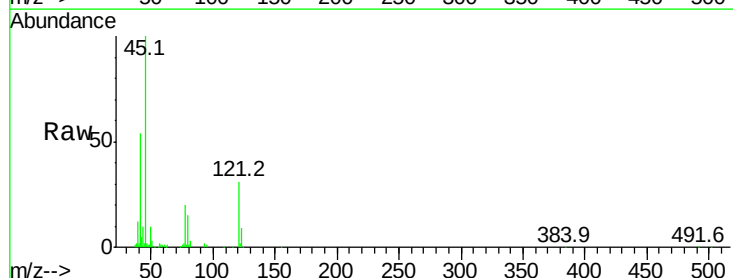
RT: 8.58 min Scan# 900

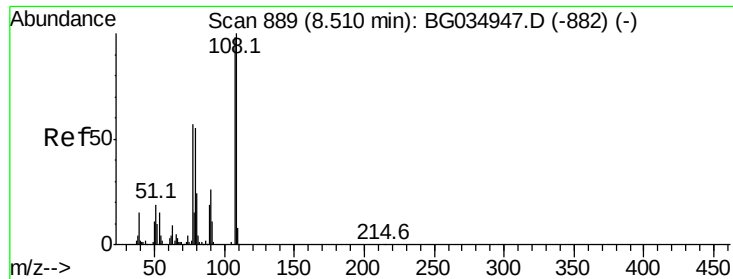
Delta R.T. -0.03 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Tgt Ion:	45	Resp:	177986
Ion Ratio	Lower	Upper	
45	100		
77	20.1	0.0	30.2
79	14.6	0.0	27.9





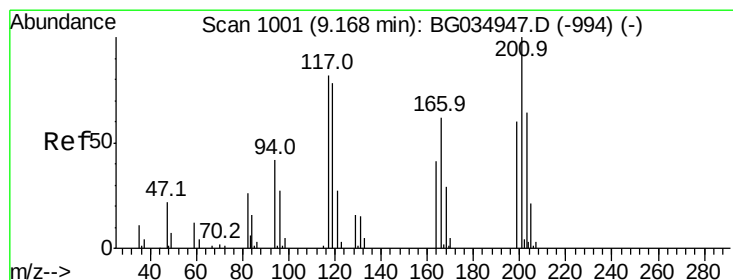
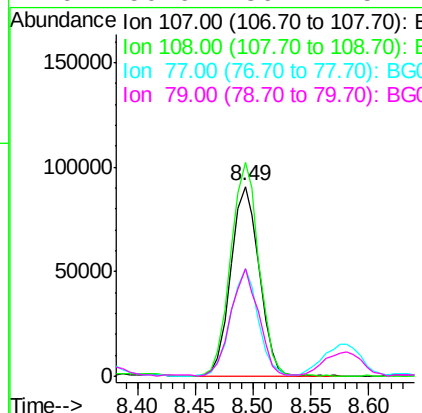
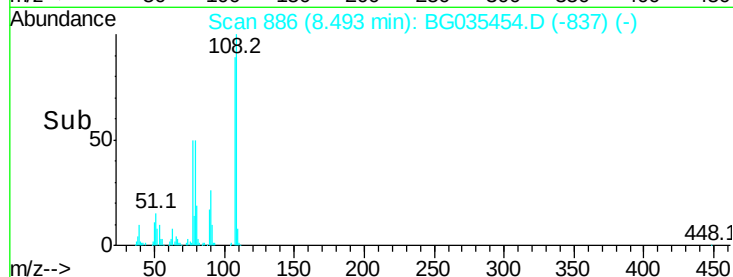
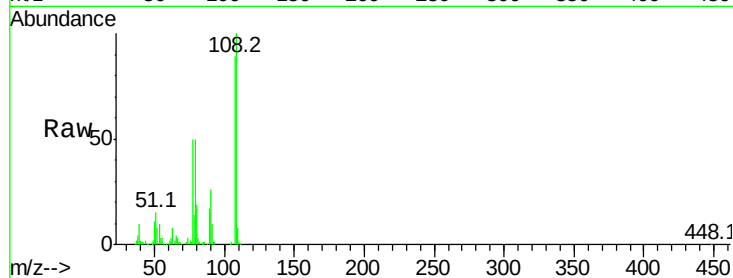
#17
2-Methylphenol
Concen: 49.509 ng
RT: 8.49 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Instrument :
BNA_G
ClientSampleId :
SU-02-062518MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	83.9	125.9	
77	56.7	37.2	55.8#	
79	56.6	36.2	54.2#	

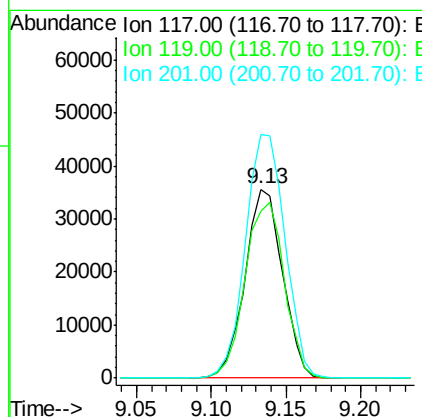
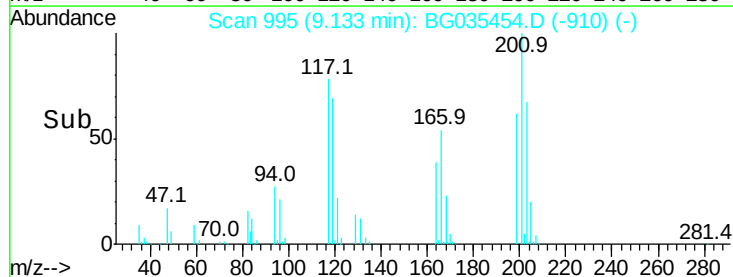
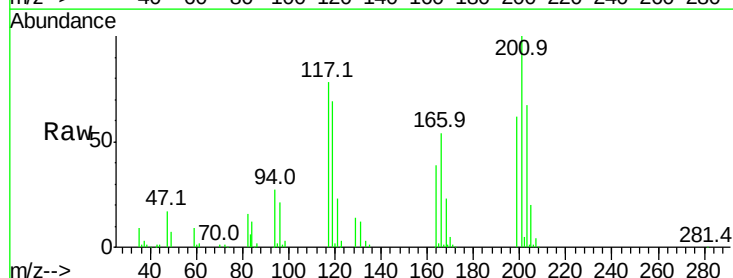
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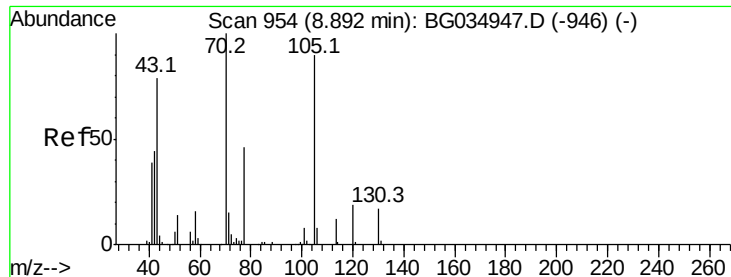
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#18
Hexachloroethane
Concen: 43.186 ng
RT: 9.13 min Scan# 995
Delta R.T. -0.03 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	88.5	76.7	115.1	
201	128.7	95.7	143.5	





#19

n-Nitroso-di-n-propylamine

Concen: 40.051 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Instrument :

BNA_G

ClientSampleId :

SU-02-062518MSD

Tot Ion: 70 Resp: 156232

Ion Ratio Lower Upper

70 100

42 48.6 49.1 73.7#

101 10.6 8.5 12.7

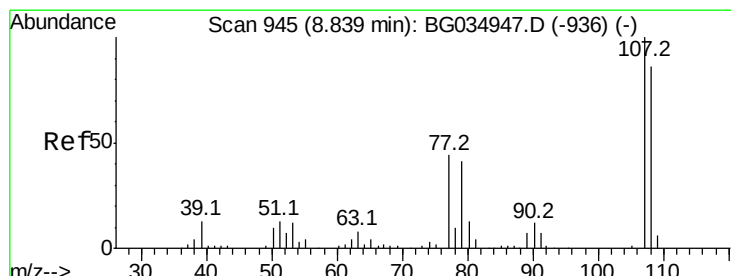
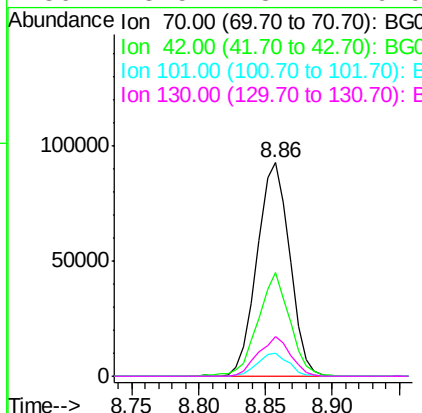
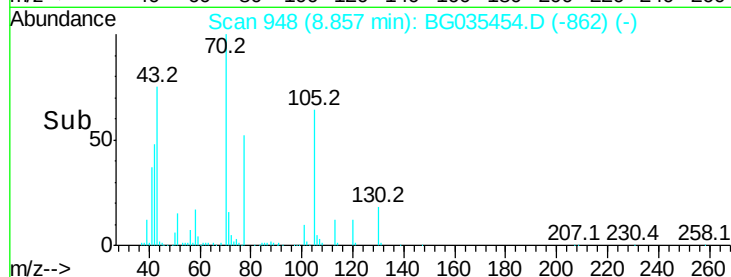
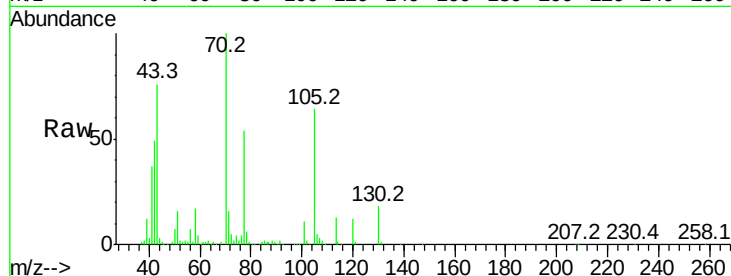
130 18.5 13.4 20.0

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#20

3+4-Methylphenols

Concen: 47.199 ng

RT: 8.82 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Tgt Ion: 107 Resp: 211938

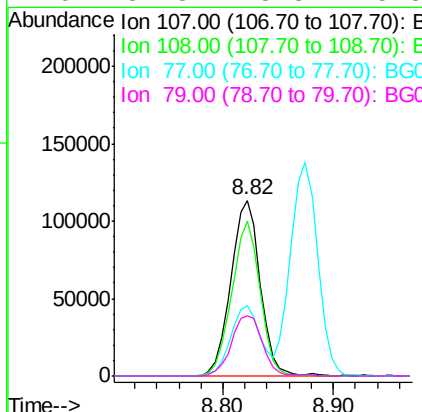
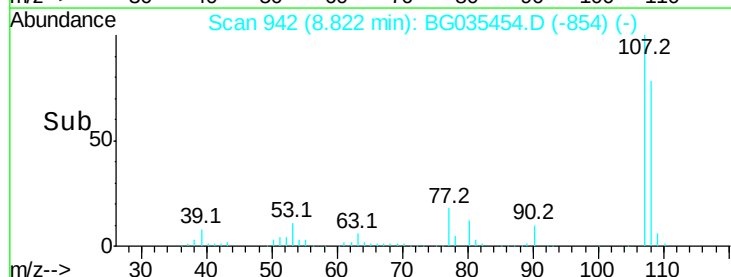
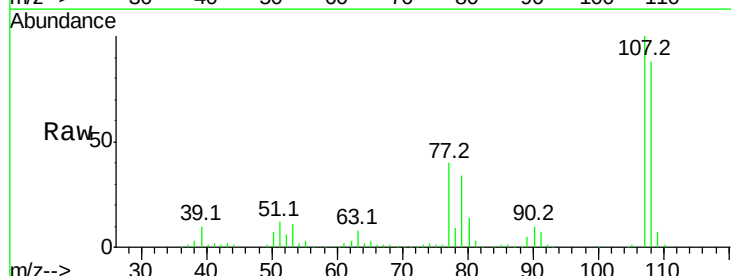
Ion Ratio Lower Upper

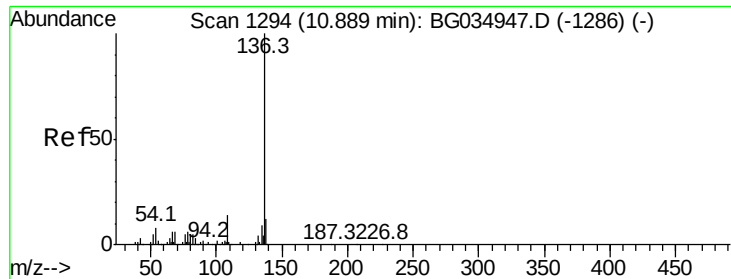
107 100

108 88.1 61.6 101.6

77 40.2 13.9 53.9

79 34.3 8.8 48.8





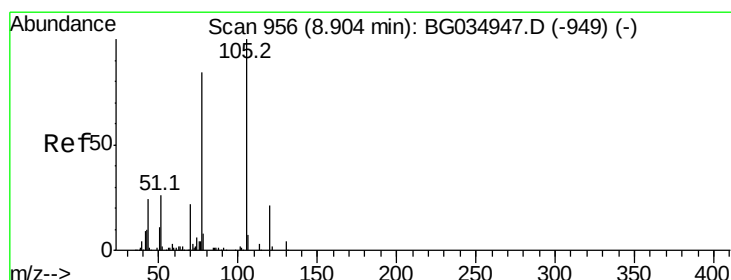
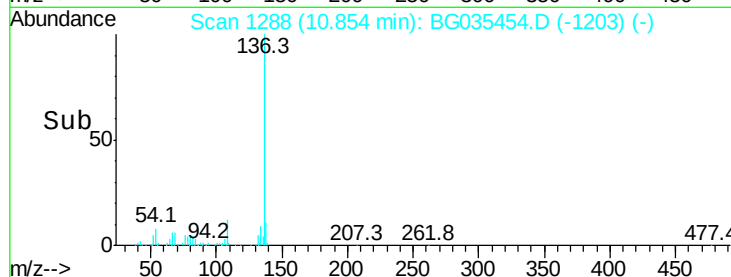
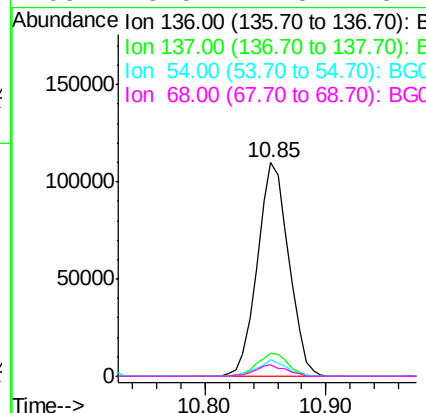
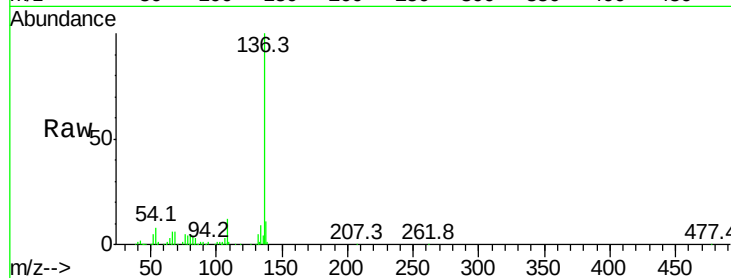
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Instrument :
BNA_G
ClientSampleId :
SU-02-062518MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.5	9.2	13.8
54	8.0	10.3	15.5#
68	5.5	4.5	6.7

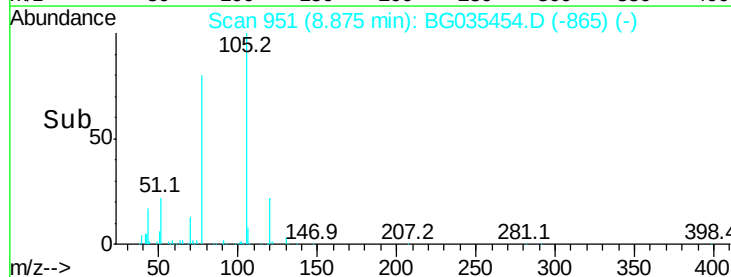
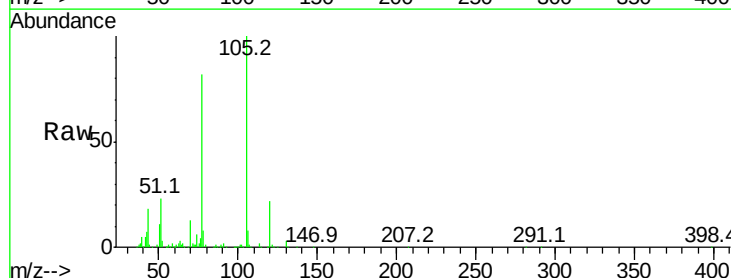
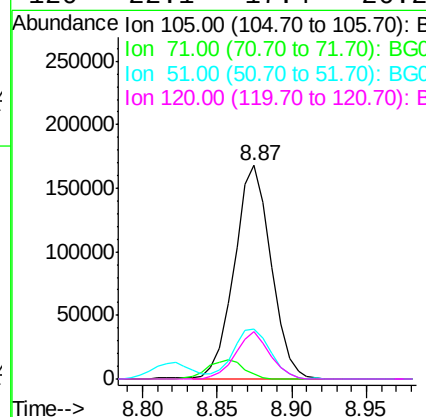
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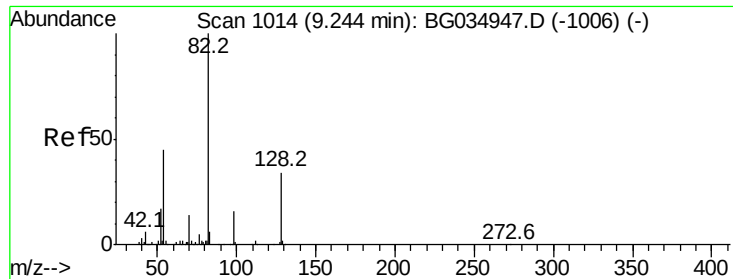
Sohil
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#22
Acetophenone
Concen: 46.744 ng
RT: 8.87 min Scan# 951
Delta R.T. -0.02 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	2.2	3.0	4.4#
51	23.5	26.1	39.1#
120	22.1	17.4	26.2





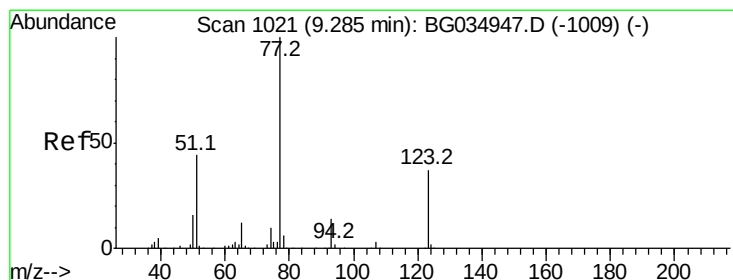
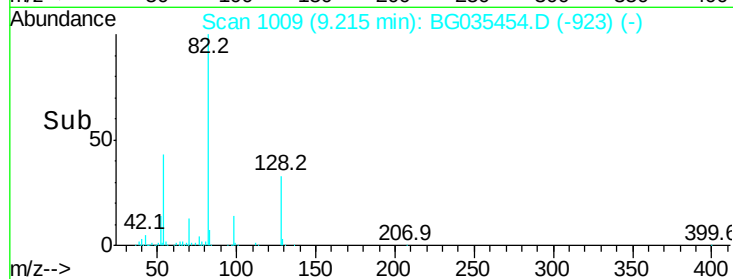
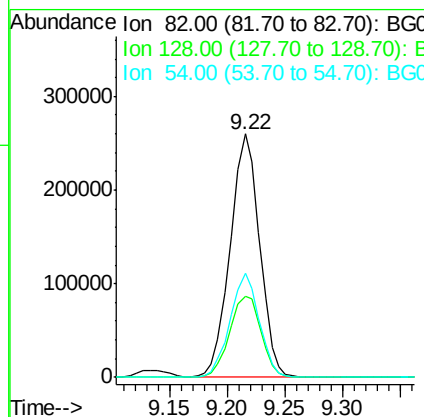
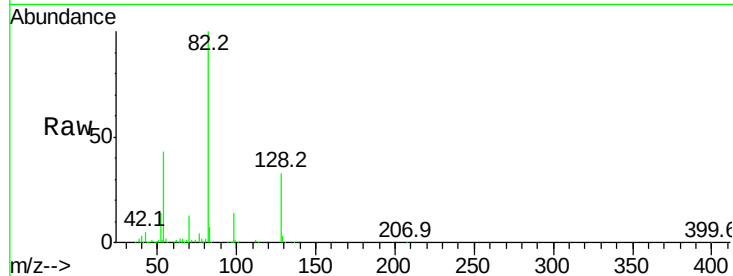
#23
 Nitrobenzene-d5
 Concen: 109.749 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035454.D
 Acq: 27 Jun 2018 20:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-062518MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.3	29.7	44.5	
54	42.7	43.1	64.7	

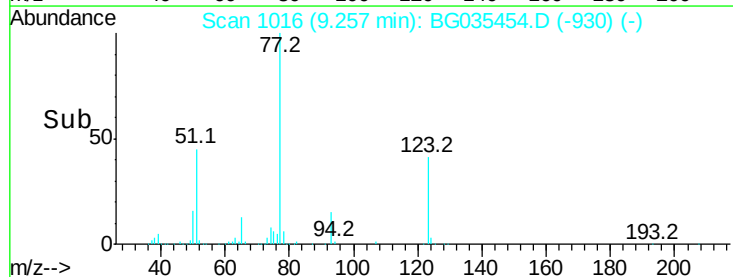
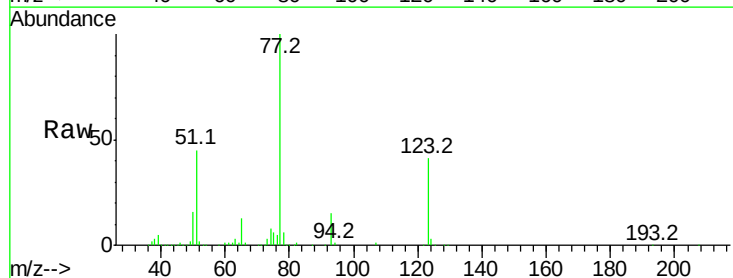
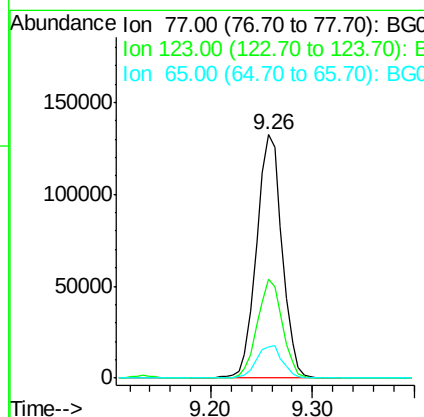
Manual Integrations
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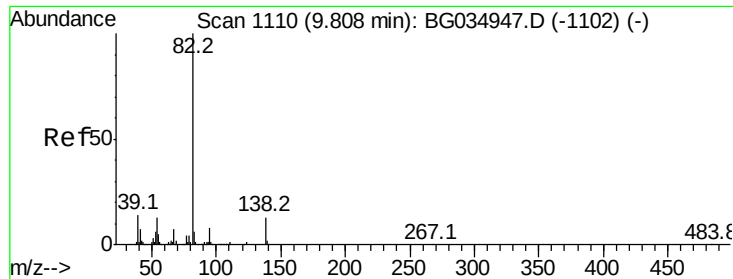
Sohil
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#24
 Nitrobenzene
 Concen: 54.110 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.02 min
 Lab File: BG035454.D
 Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.7	33.0	49.6	
65	12.7	13.0	19.6	





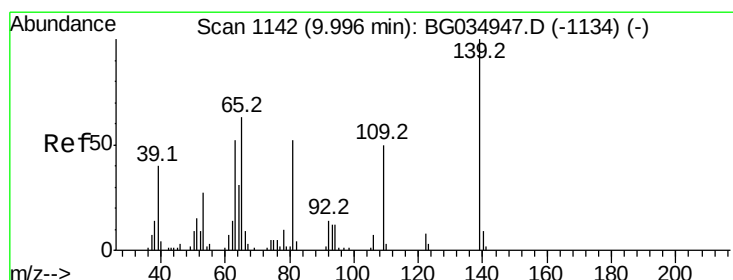
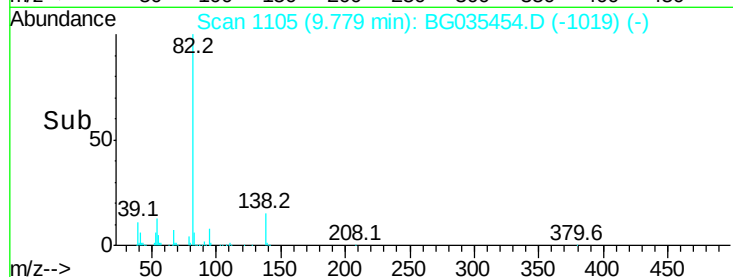
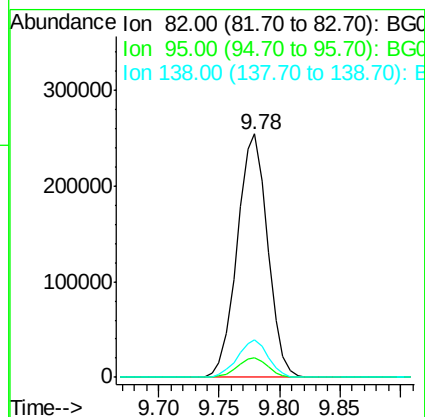
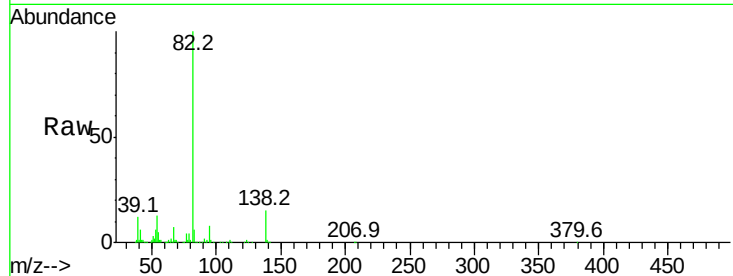
#25
Isophorone
Concen: 50.858 ng
RT: 9.78 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Instrument :
BNA_G
ClientSampleId :
SU-02-062518MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.8	6.2	9.2	
138	15.2	12.1	18.1	

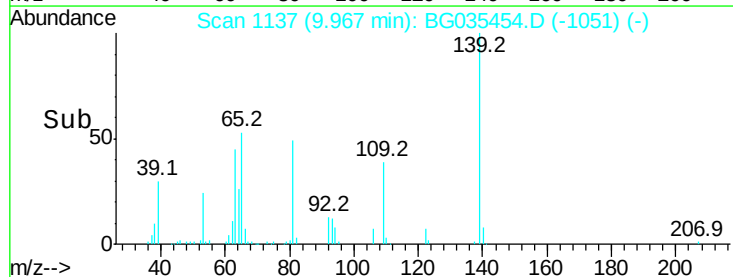
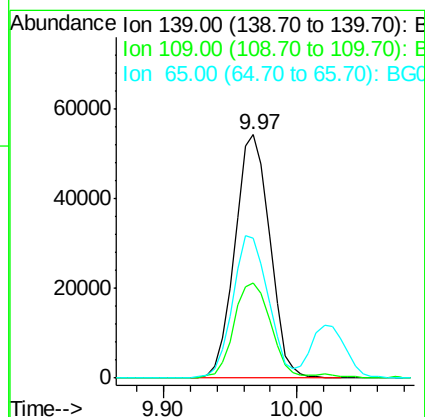
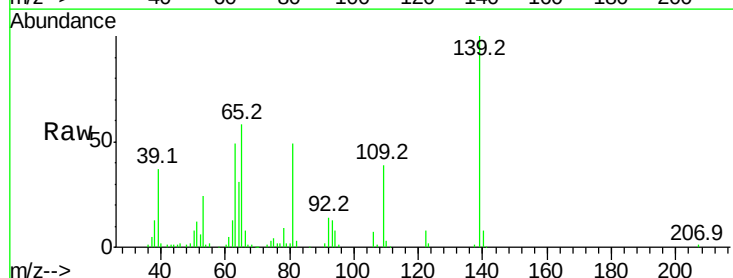
Manual Integrations
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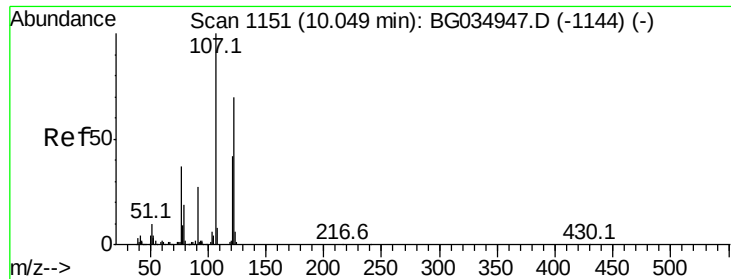
Sohil
6/28/2018 2:50:13 PM



#26
2-Nitrophenol
Concen: 66.844 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	39.3	24.2	36.2	
65	57.6	47.4	71.0	





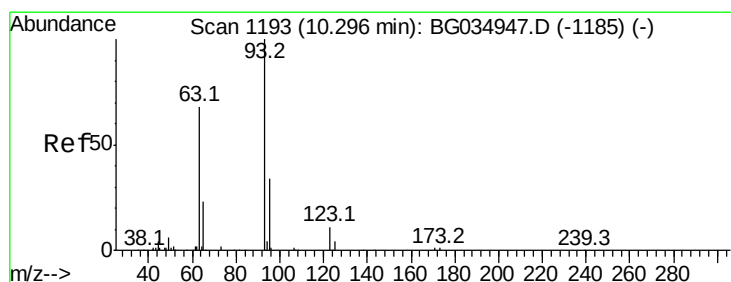
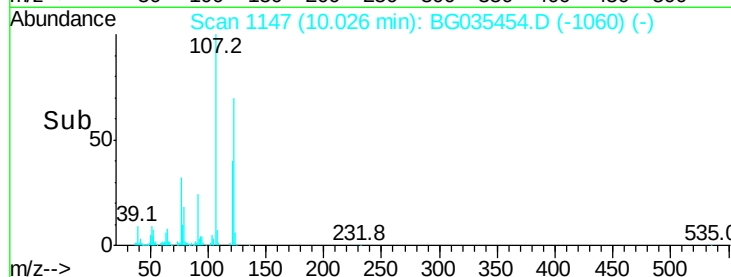
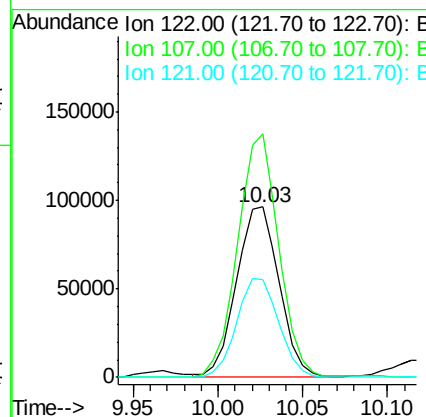
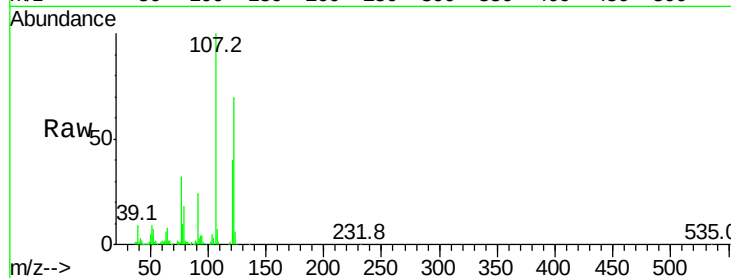
#27
2,4-Dimethylphenol
Concen: 54.306 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Instrument :
BNA_G
ClientSampleId :
SU-02-062518MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	142.8	100.2	150.2
121	57.5	44.4	66.6

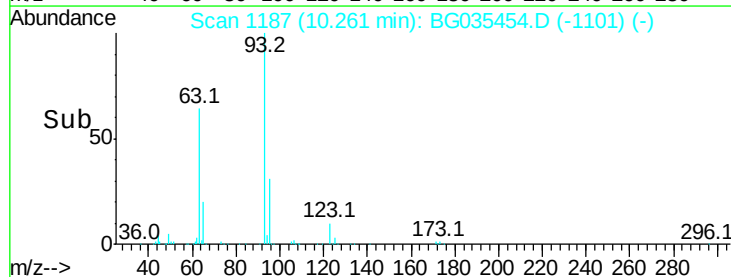
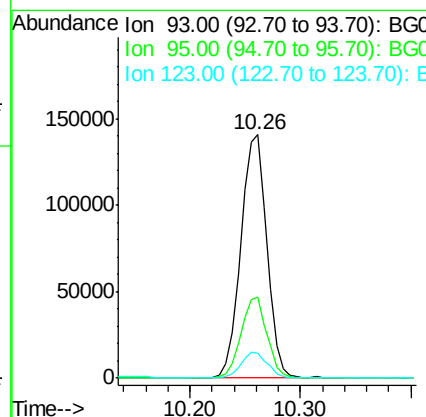
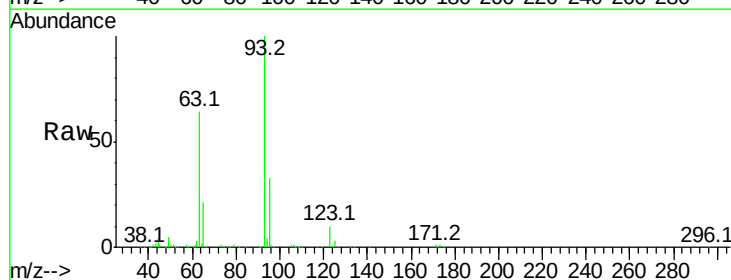
Manual Integrations
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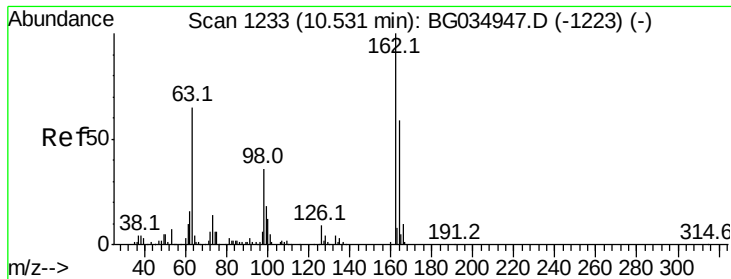
Sohil
6/28/2018 2:50:13 PM



#28
bis(2-Chloroethoxy)methane
Concen: 49.430 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	24.3	36.5
123	10.2	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 57.843 ng

RT: 10.50 min Scan# 1228

Delta R.T. -0.02 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Instrument :

BNA_G

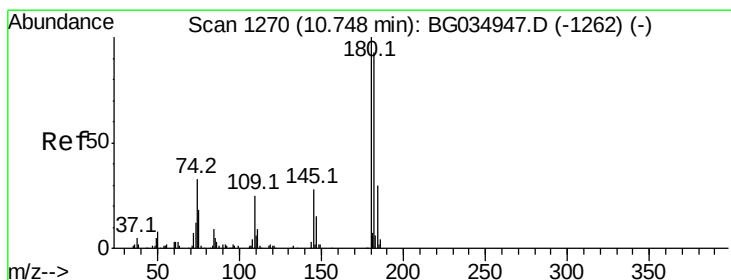
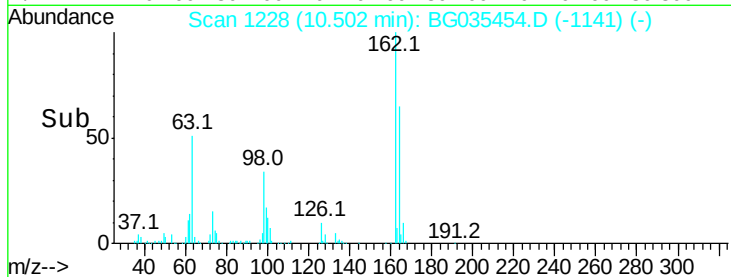
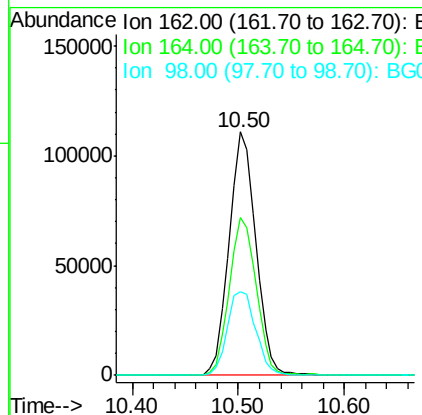
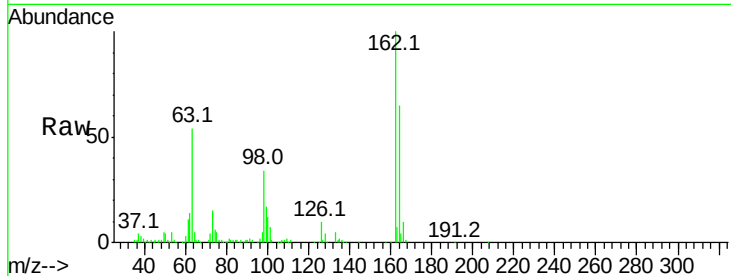
ClientSampleId :

SU-02-062518MSD

Tot Ion:	162	Resp:	194722
Ion Ratio	Lower	Upper	
162	100		
164	64.6	48.0	88.0
98	34.2	21.1	61.1

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 49.997 ng

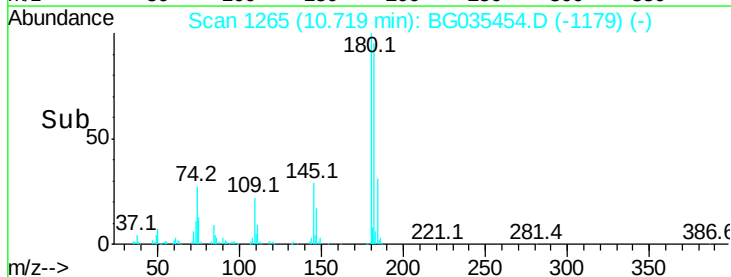
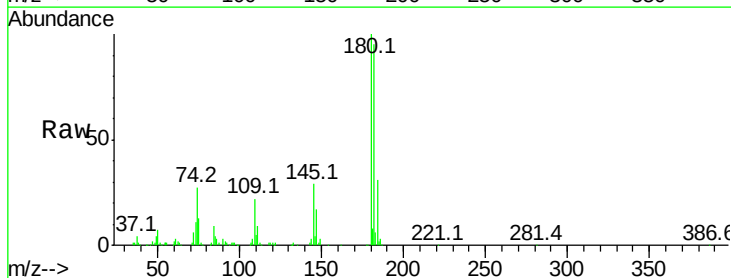
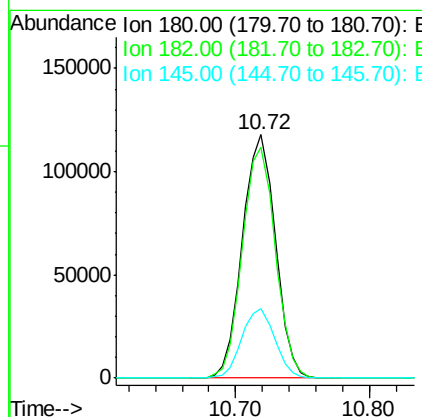
RT: 10.72 min Scan# 1265

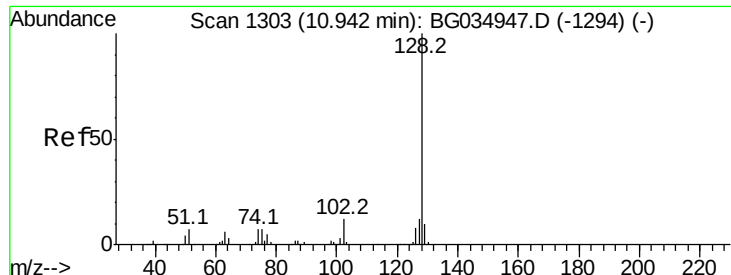
Delta R.T. -0.02 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Tgt Ion:	180	Resp:	201819
Ion Ratio	Lower	Upper	
180	100		
182	94.6	77.5	116.3
145	28.7	23.4	35.2





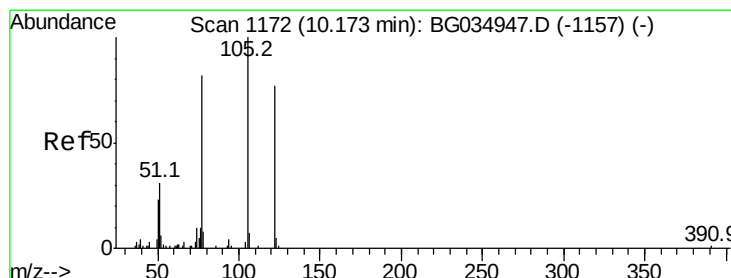
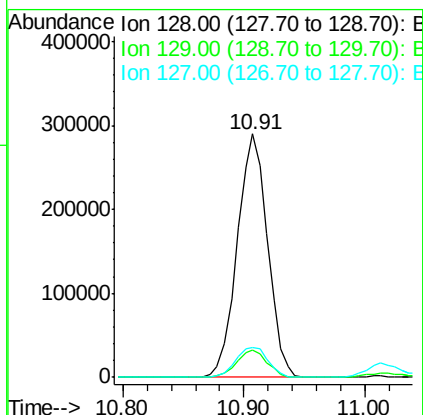
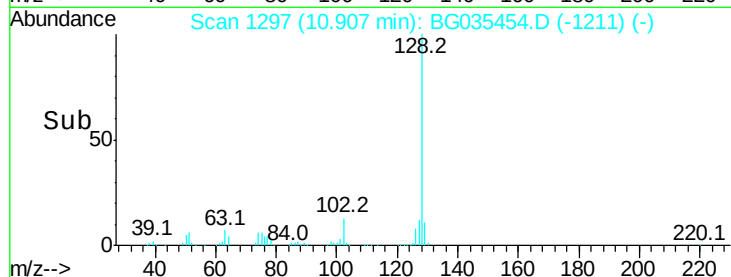
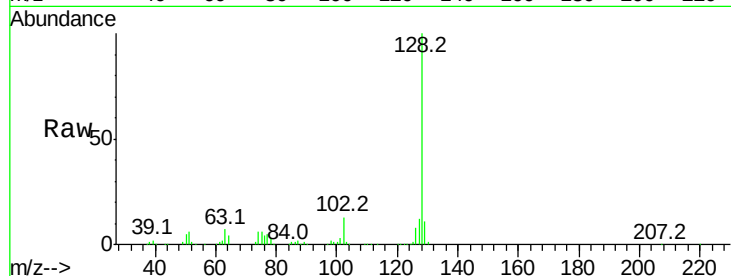
#31
Naphthalene
Concen: 49.152 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Instrument :
BNA_G
ClientSampleId :
SU-02-062518MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	8.6	12.8	
127	12.3	11.6	17.4	

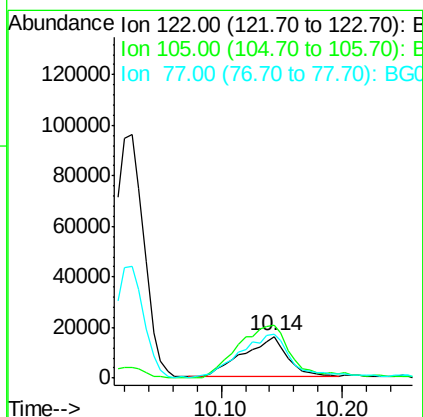
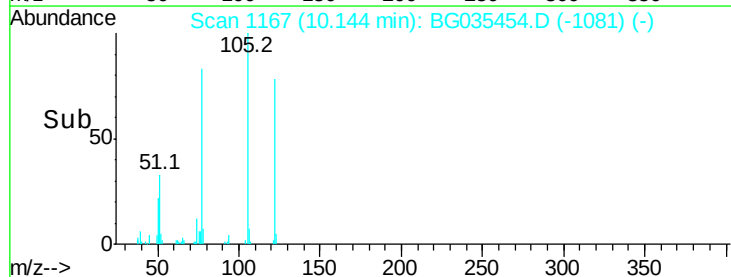
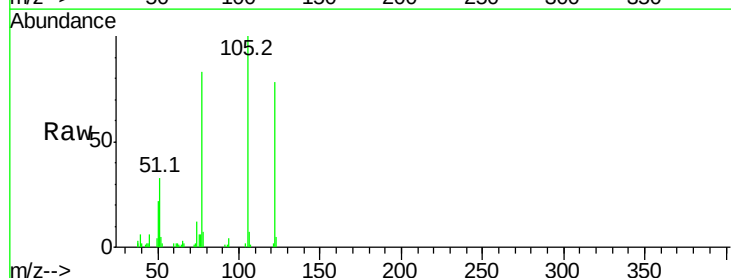
Manual Integrations
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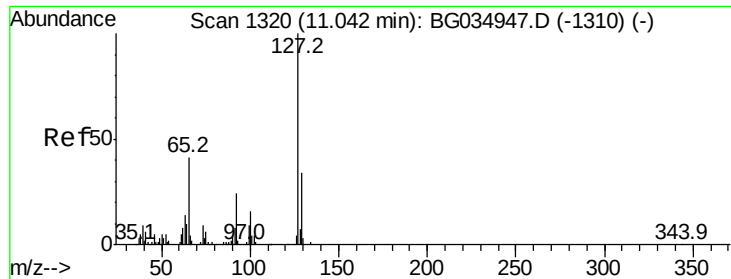
Sohil
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#32
Benzoic acid
Concen: 20.339 ng
RT: 10.14 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	127.8	123.5	163.5	
77	106.6	85.7	125.7	





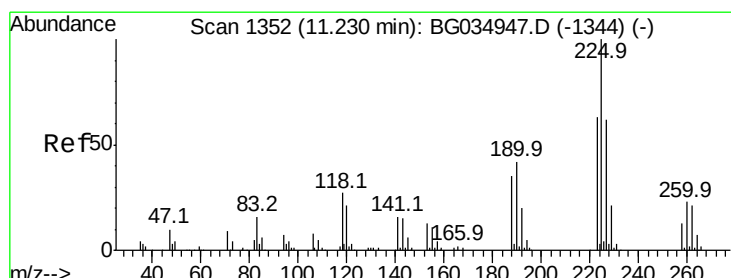
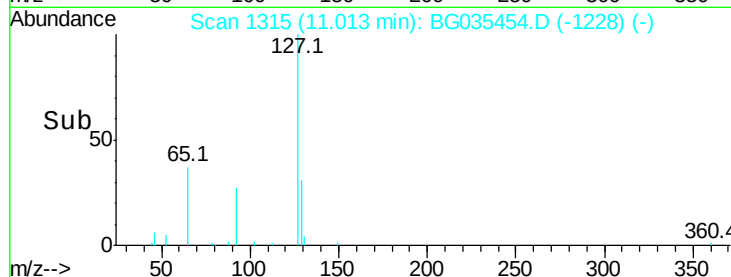
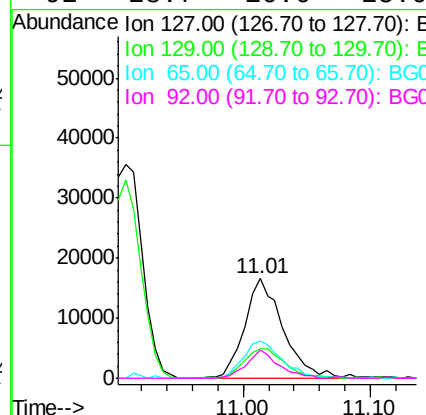
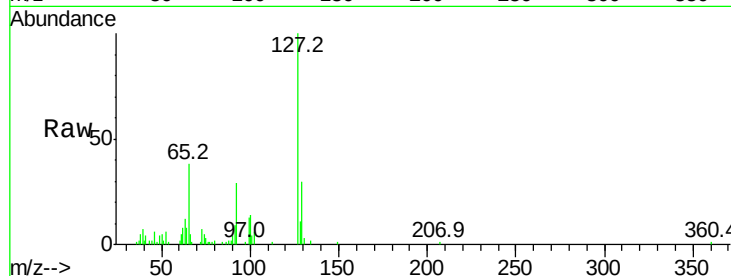
#33
4-Chloroaniline
Concen: 7.767 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Instrument :
BNA_G
ClientSampleId :
SU-02-062518MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.0	24.0	36.0
65	37.9	27.0	40.4
92	28.7	16.6	25.0

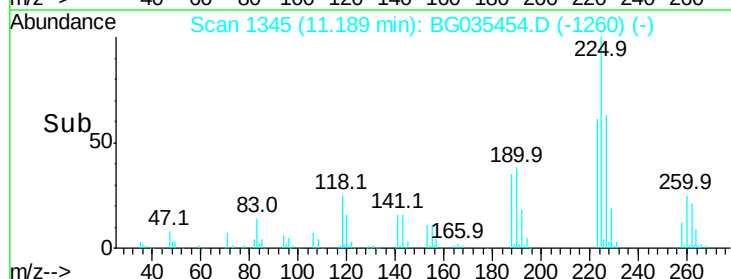
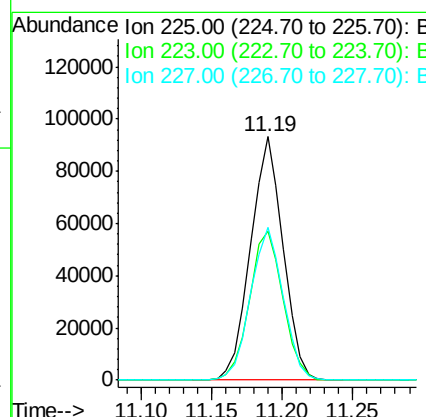
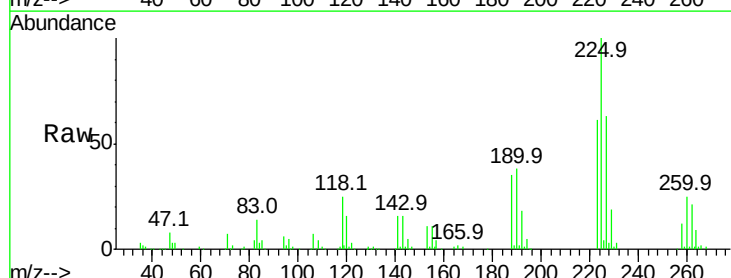
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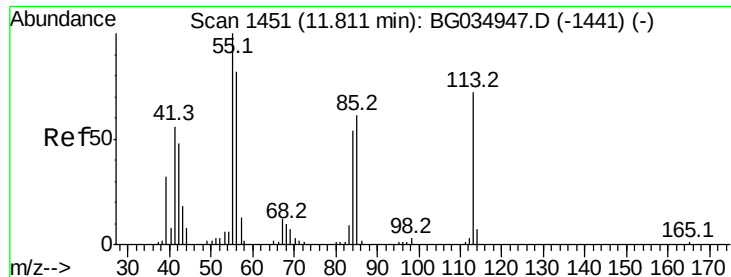
Sohil
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#34
Hexachlorobutadiene
Concen: 47.955 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.03 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.7	74.5
227	62.6	48.1	72.1





#35

Caprolactam

Concen: 36.517 ng/ml

RT: 11.79 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Instrument :

BNA_G

ClientSampleId :

SU-02-062518MSD

Tot Ion:113 Resp: 45431

Ion Ratio Lower Upper

113 100

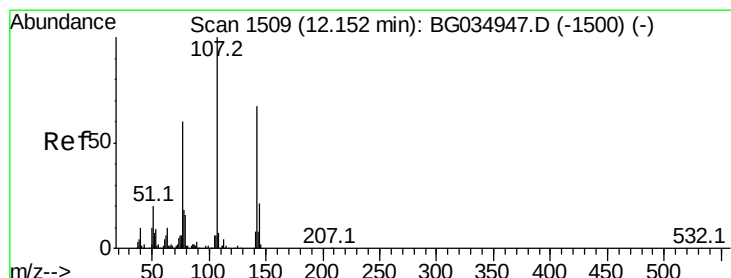
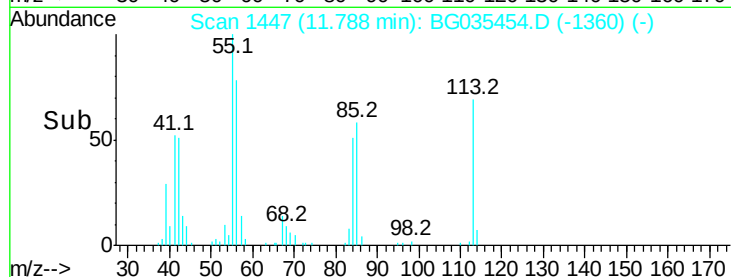
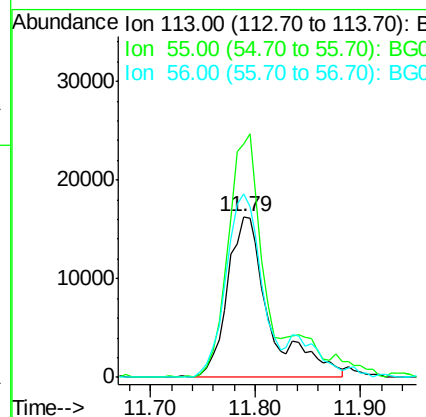
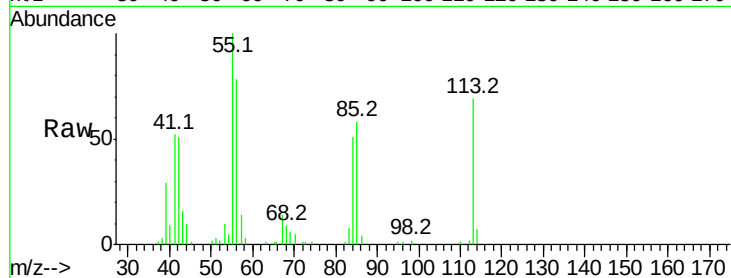
55 145.6 186.9 226.9#

56 113.9 130.9 170.9#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 54.701 ng/ml

RT: 12.14 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

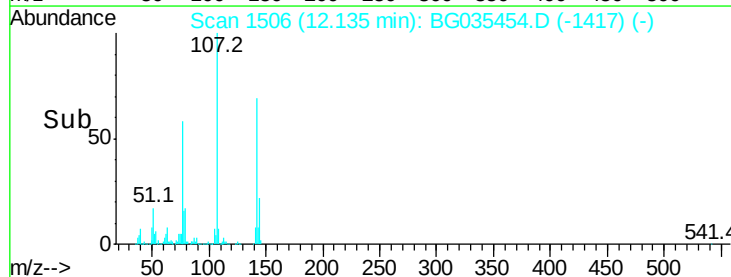
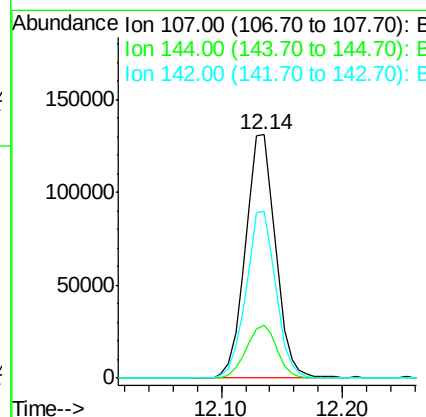
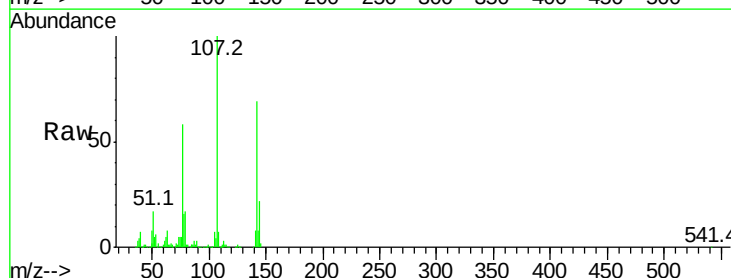
Tgt Ion:107 Resp: 229543

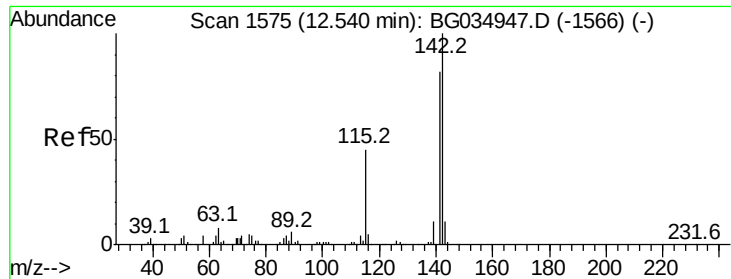
Ion Ratio Lower Upper

107 100

144 21.8 18.2 27.4

142 68.5 59.0 88.4





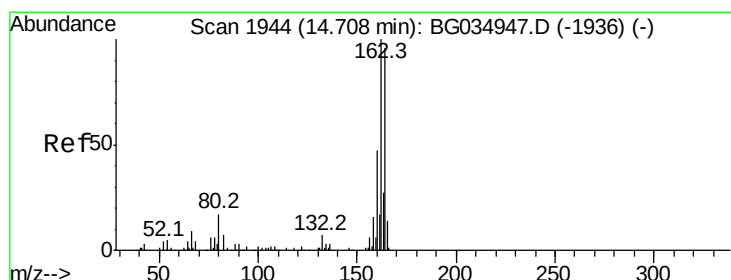
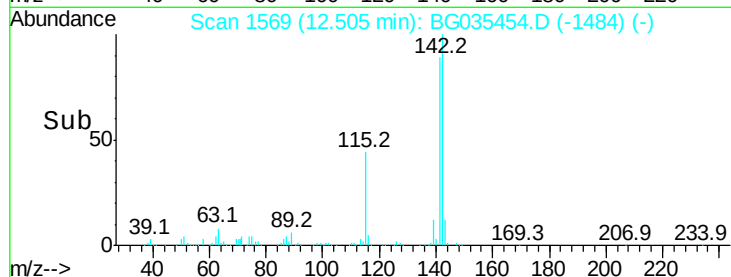
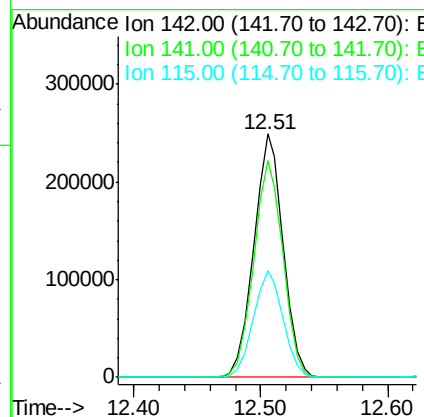
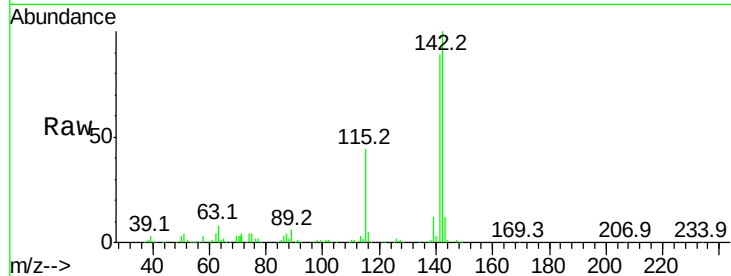
#37
2-Methylnaphthalene
Concen: 51.268 ng
RT: 12.51 min Scan# 1569
Delta R.T. -0.03 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Instrument :
BNA_G
ClientSampleId :
SU-02-062518MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	67.1	100.7
115	43.9	30.7	46.1

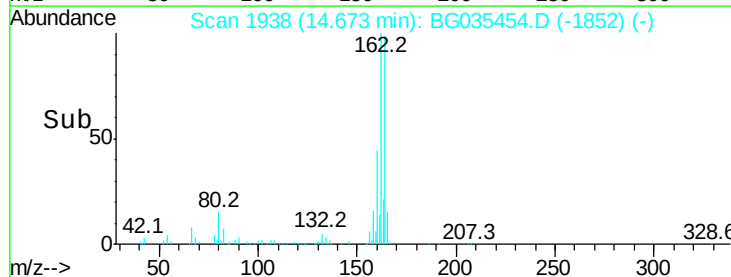
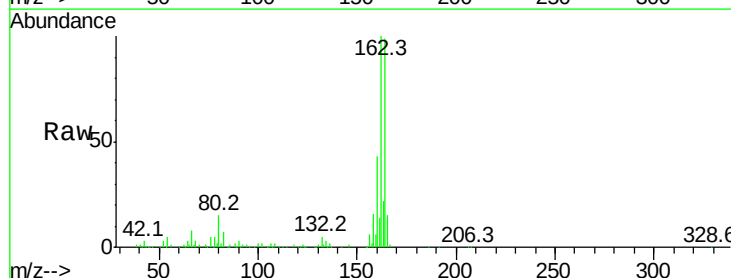
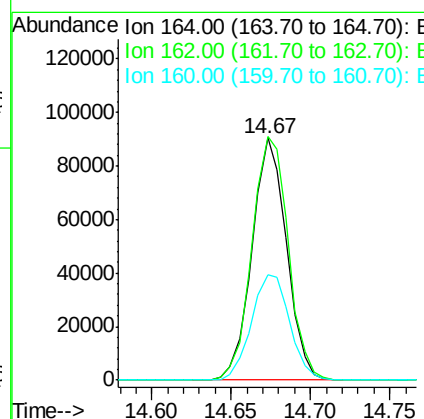
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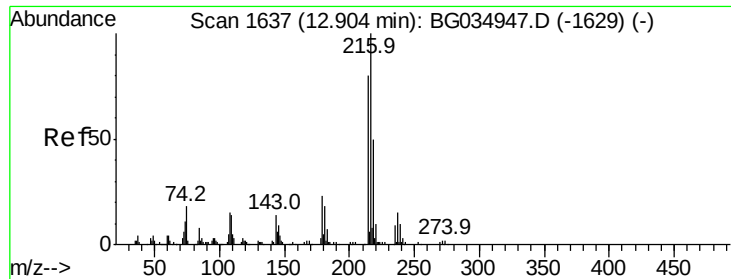
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	78.8	118.2
160	43.7	35.4	53.0





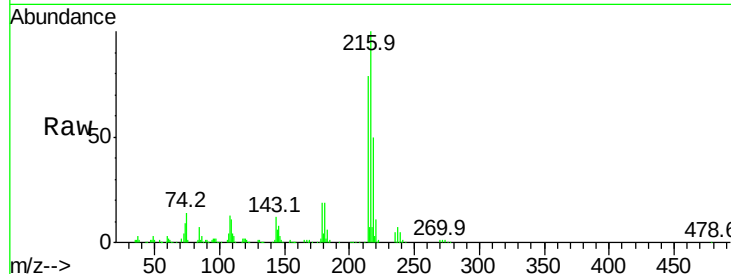
#39
1,2,4,5-Tetrachlorobenzene
Concen: 55.592 ng
RT: 12.88 min Scan# 1632
Delta R.T. -0.02 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Instrument :
BNA_G
ClientSampleId :
SU-02-062518MSD

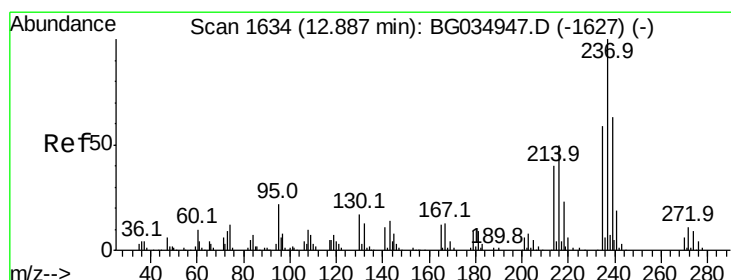
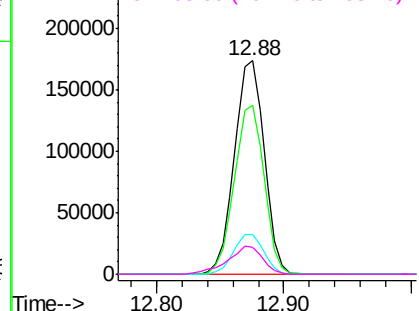
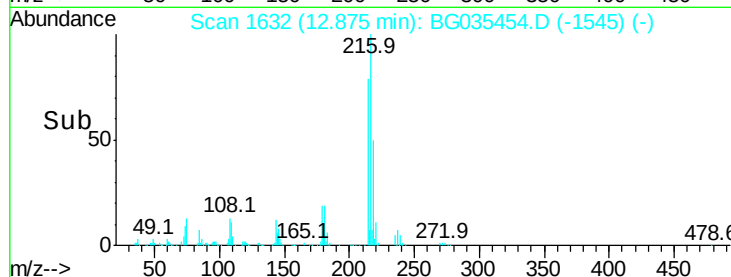
Tot Ion	Ratio	Resp	Lower	Upper
216	100	282412		
214	78.6	63.0	94.4	
179	19.2	17.0	25.6	
108	15.0	12.8	19.2	

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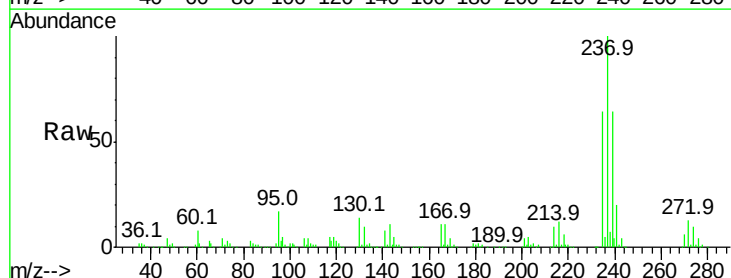


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

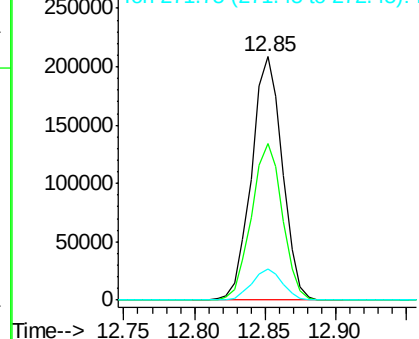
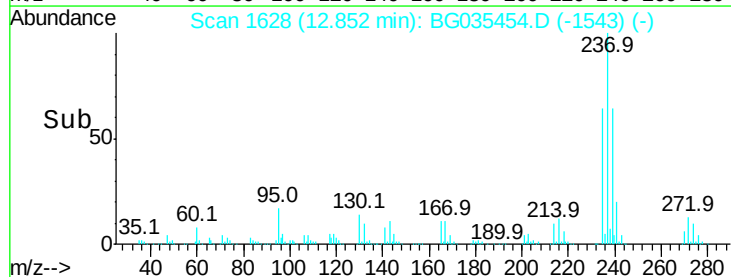


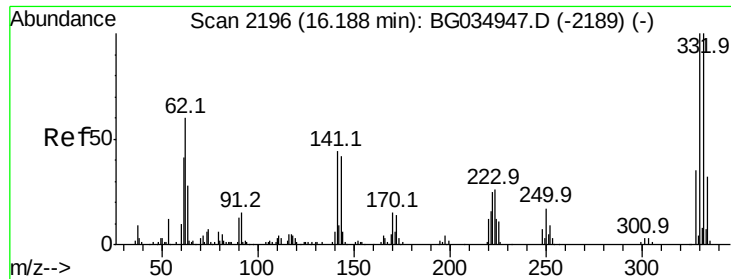
#40
Hexachlorocyclopentadiene
Concen: 100.399 ng
RT: 12.85 min Scan# 1628
Delta R.T. -0.03 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	319843		
235	64.2	50.4	90.4	
272	12.6	0.0	31.8	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 187.172 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Instrument :

BNA_G

ClientSampleId :

SU-02-062518MSD

Tot Ion:330 Resp: 326789

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

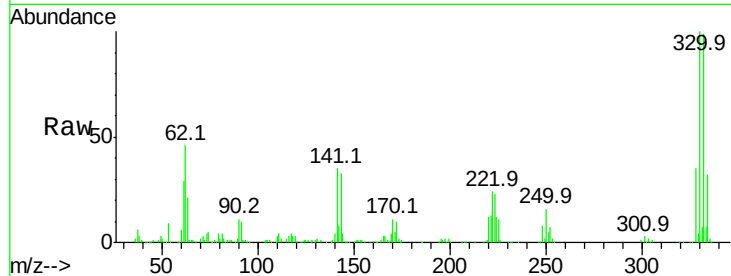
141 35.4 25.2 37.8

Manual Integrations

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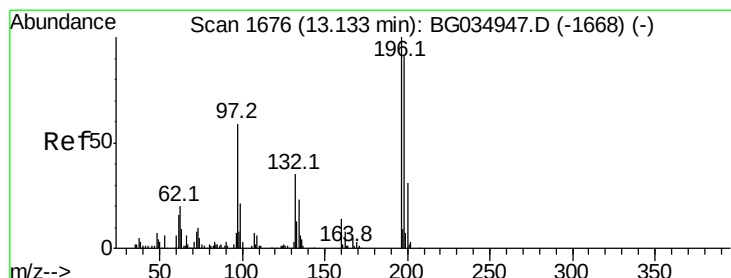
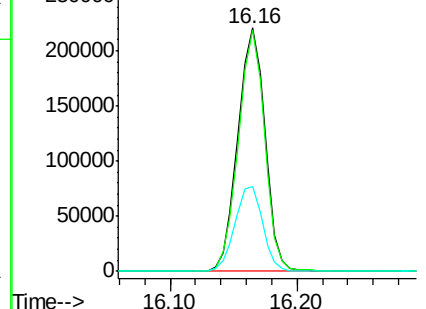
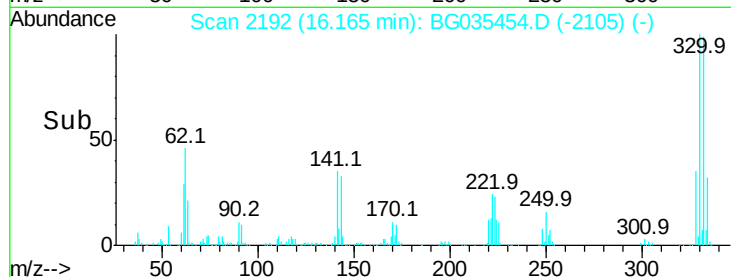
6/28/2018 2:50:13 PM



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 59.940 ng

RT: 13.11 min Scan# 1672

Delta R.T. -0.02 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

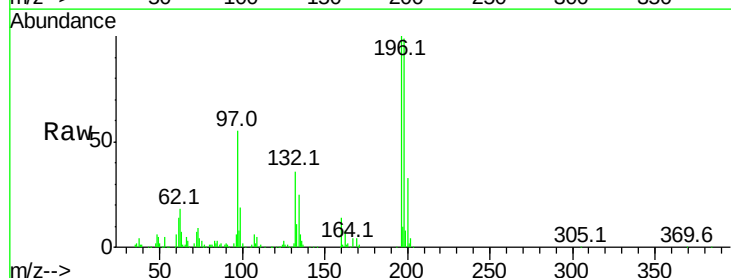
Tgt Ion:196 Resp: 182331

Ion Ratio Lower Upper

196 100

198 98.6 78.2 117.2

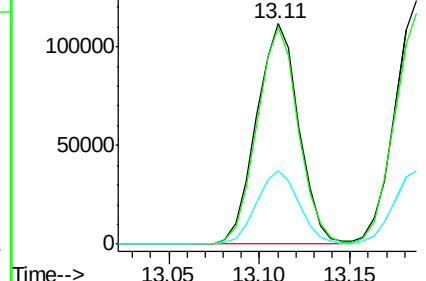
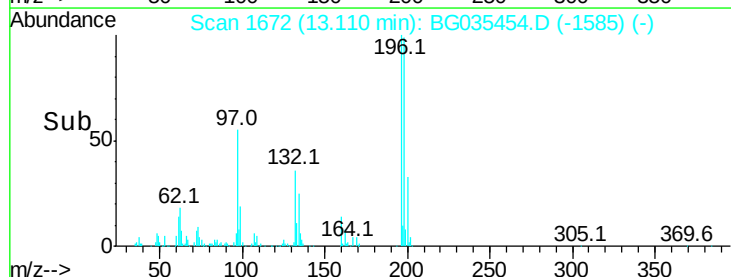
200 33.2 24.6 36.8

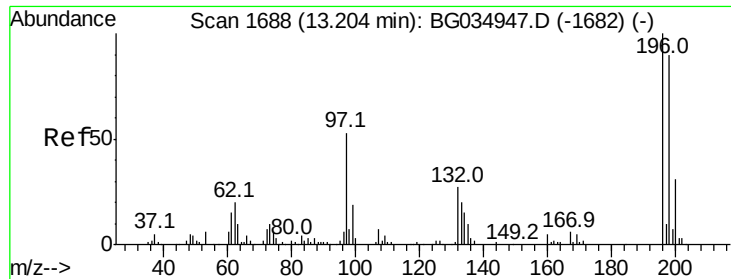


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





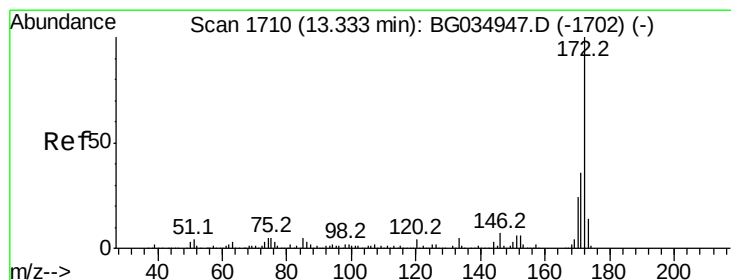
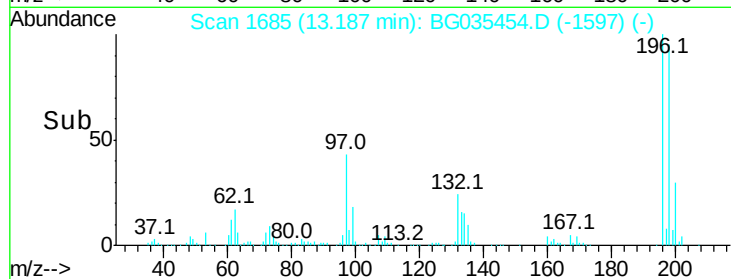
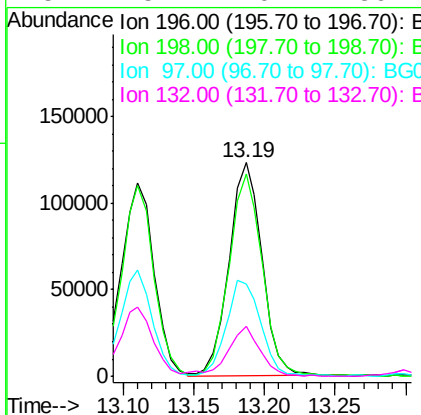
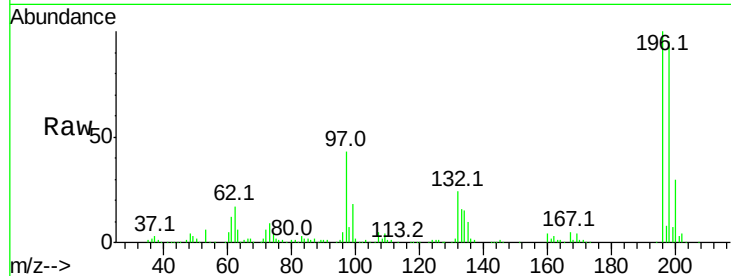
#43
 2,4,5-Trichlorophenol
 Concen: 59.757 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG035454.D
 Acq: 27 Jun 2018 20:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-062518MSD

Tot Ion	196	Resp	199512
Ion Ratio	Lower	Upper	
196	100		
198	94.7	76.2	114.4
97	43.2	38.7	58.1
132	23.7	20.2	30.2

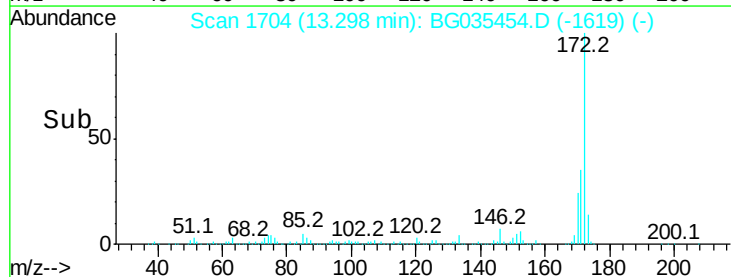
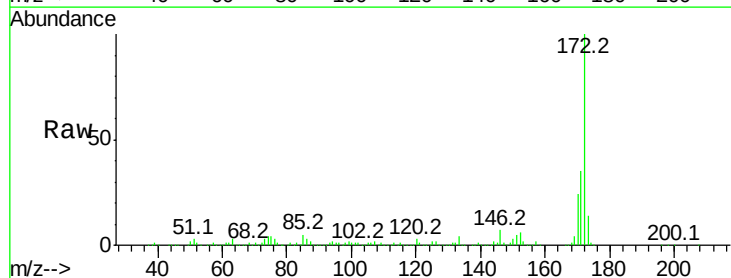
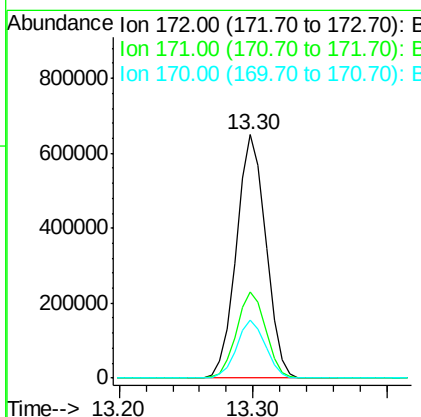
Manual Integrations
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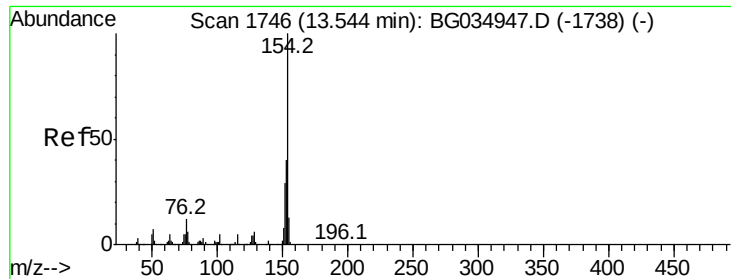
Sohil
 6/28/2018 2:50:13 PM



#44
 2-Fluorobiphenyl
 Concen: 94.363 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035454.D
 Acq: 27 Jun 2018 20:50

Tgt Ion	172	Resp	989998
Ion Ratio	Lower	Upper	
172	100		
171	35.2	30.0	45.0
170	24.0	19.5	29.3





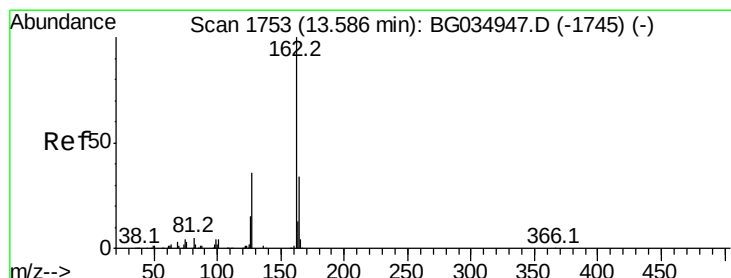
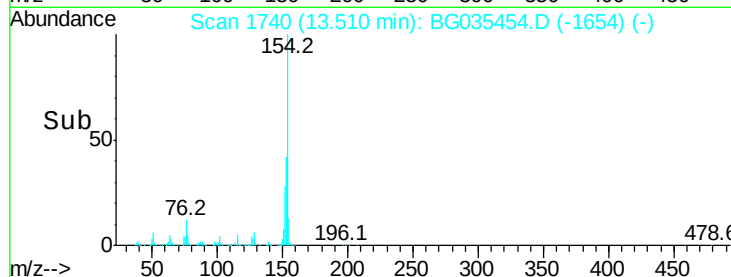
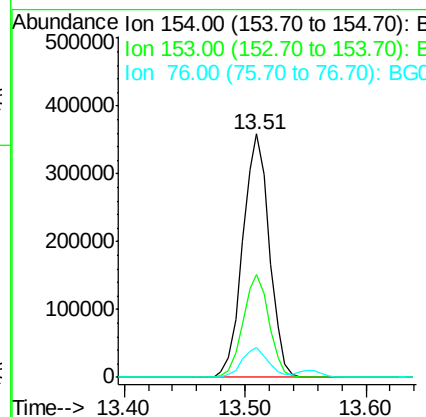
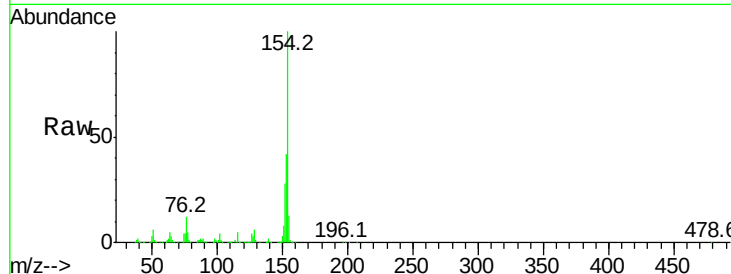
#45
 1,1'-Biphenyl
 Concen: 49.906 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG035454.D
 Acq: 27 Jun 2018 20:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-062518MSD

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

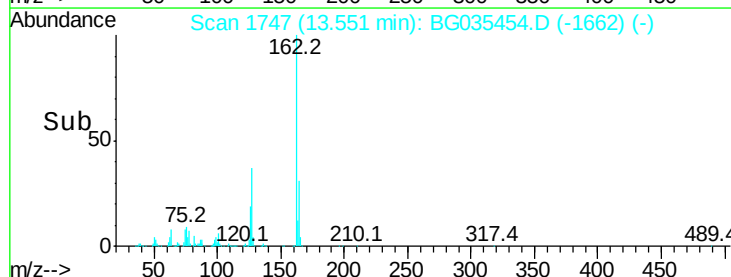
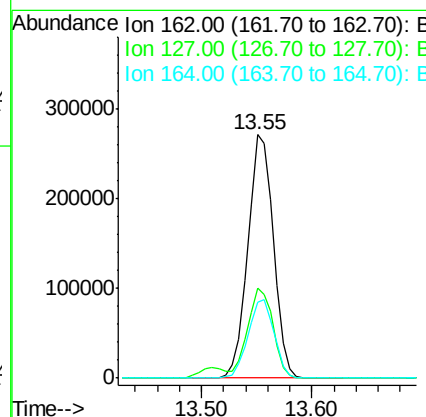
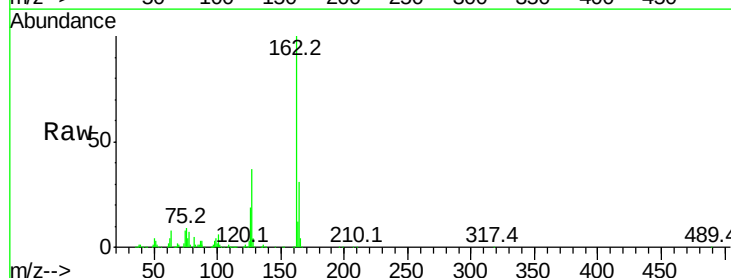
Manual Integrations
 APPROVED

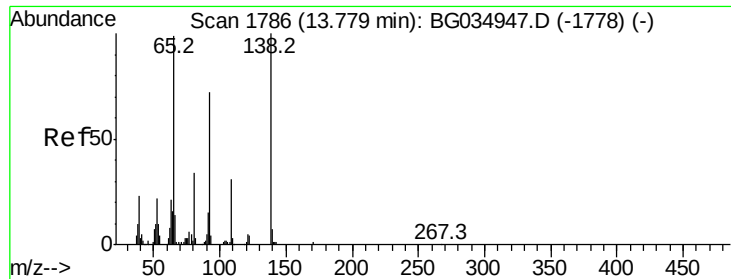
Sohil
 6/28/2018 2:50:13 PM



#46
 2-Chloronaphthalene
 Concen: 53.191 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.03 min
 Lab File: BG035454.D
 Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.7	46.1
164	31.0	26.0	39.0





#47

2-Nitroaniline

Concen: 61.305 ng

RT: 13.76 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Instrument :

BNA_G

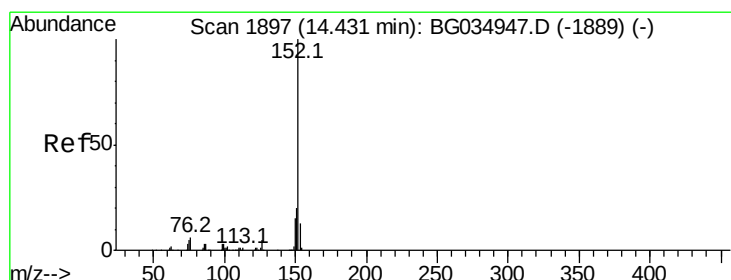
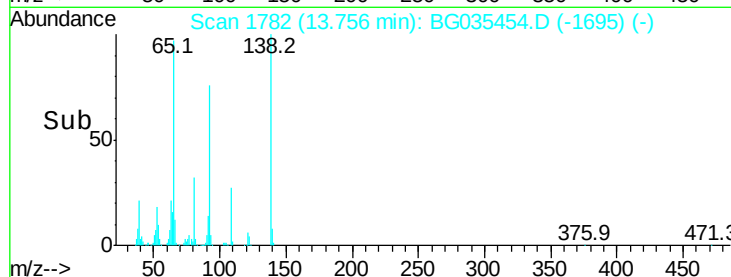
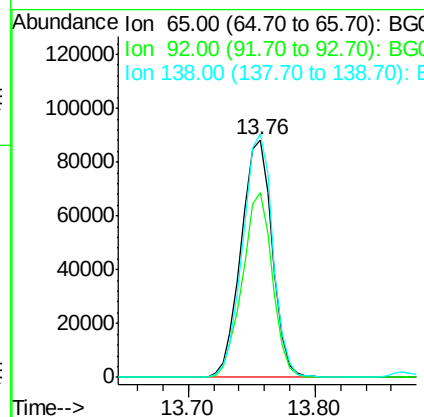
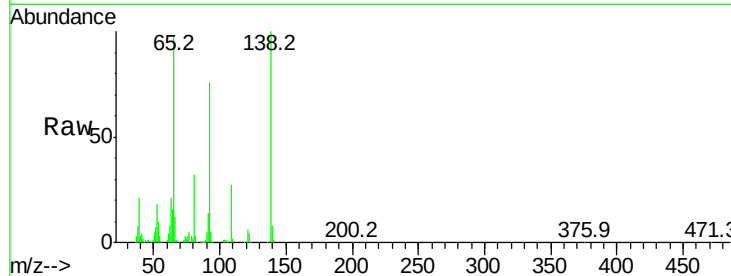
ClientSampleId :

SU-02-062518MSD

Tot Ion:	65	Resp:	150102
Ion Ratio	Lower	Upper	
65	100		
92	78.0	54.6	82.0
138	102.5	72.9	109.3

Manual Integrations
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6/28/2018 2:50:13 PM



#48

Acenaphthylene

Concen: 52.568 ng

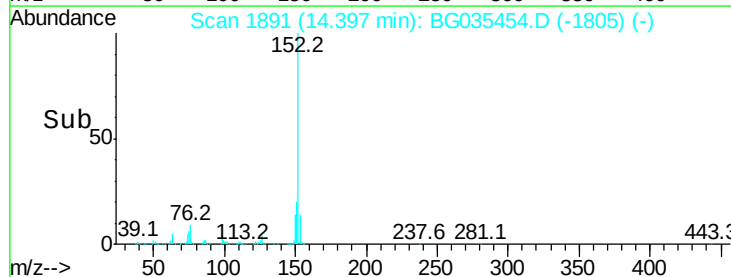
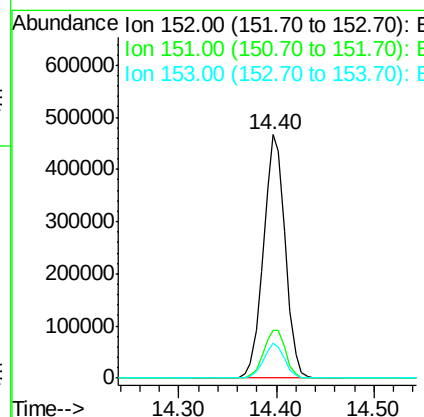
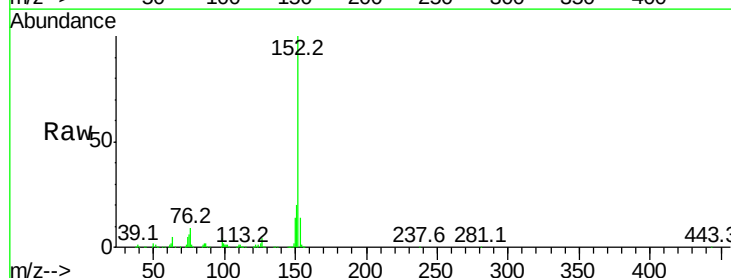
RT: 14.40 min Scan# 1891

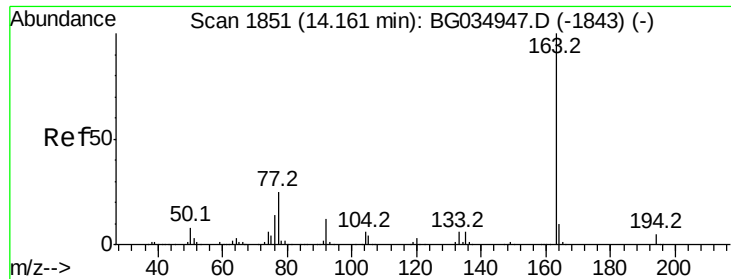
Delta R.T. -0.02 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Tgt Ion:	152	Resp:	730872
Ion Ratio	Lower	Upper	
152	100		
151	19.8	17.2	25.8
153	14.2	10.2	15.4





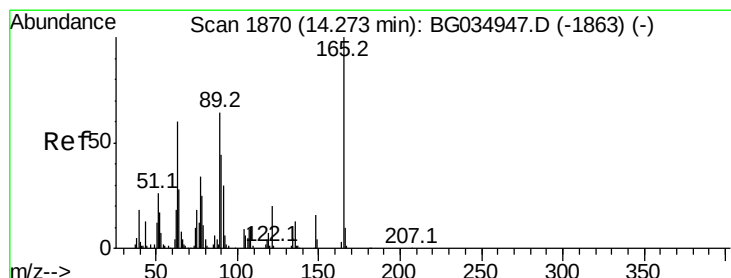
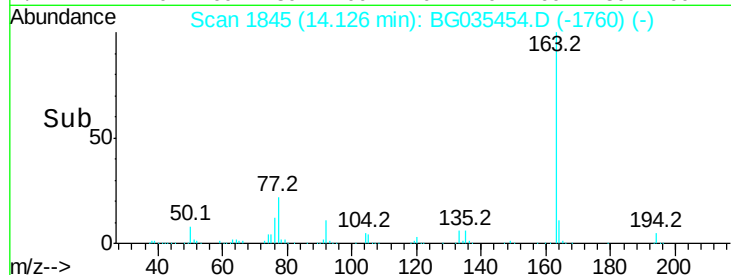
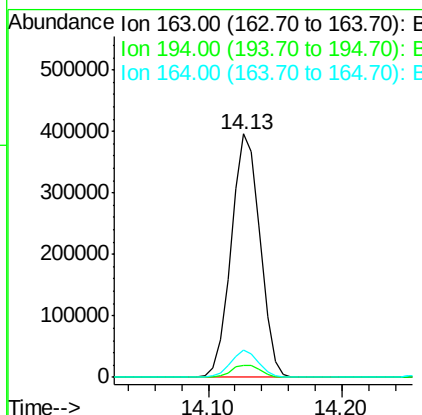
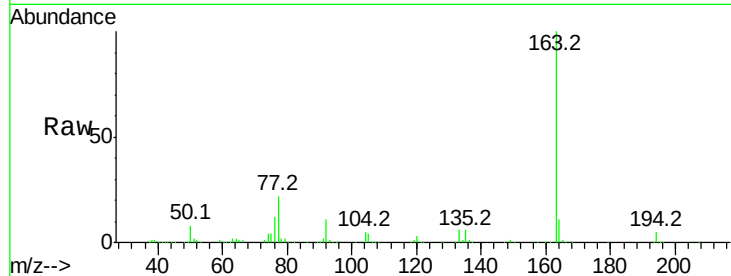
#49
Dimethylphthalate
Concen: 50.034 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Instrument :
BNA_G
ClientSampleId :
SU-02-062518MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	595076		
194	5.0		3.4	5.2
164	11.0		8.2	12.4

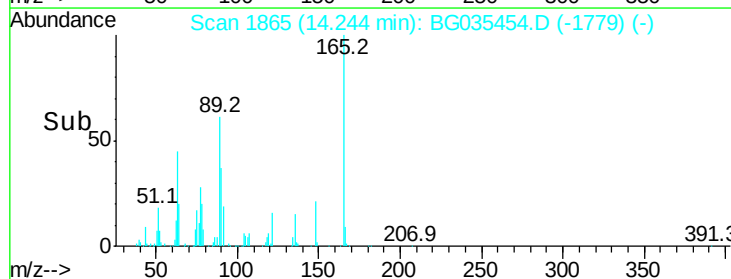
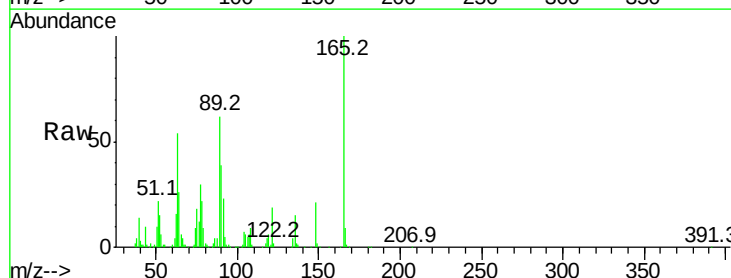
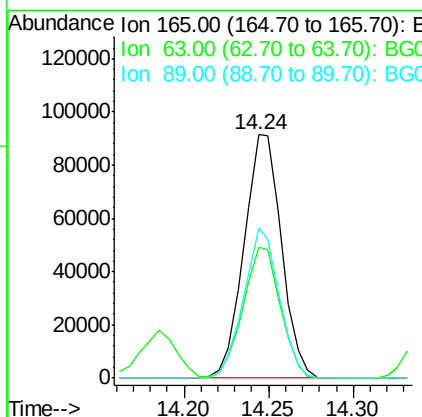
Manual Integrations
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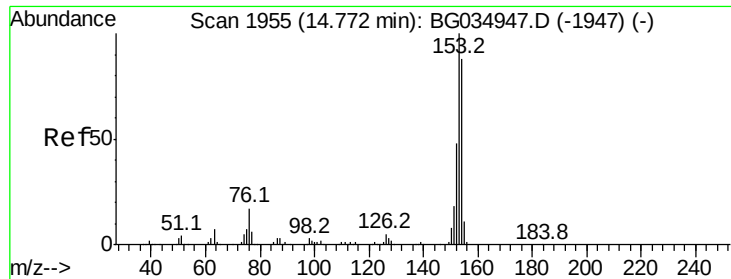
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#50
2,6-Dinitrotoluene
Concen: 64.860 ng
RT: 14.24 min Scan# 1865
Delta R.T. -0.02 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	140729		
63	53.6		52.7	79.1
89	61.7		49.2	73.8





#51

Acenaphthene

Concen: 47.305 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Instrument :

BNA_G

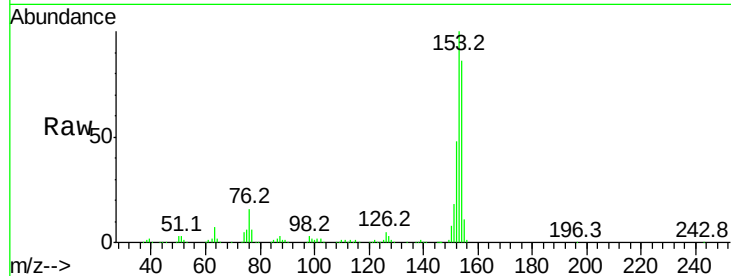
ClientSampleId :

SU-02-062518MSD

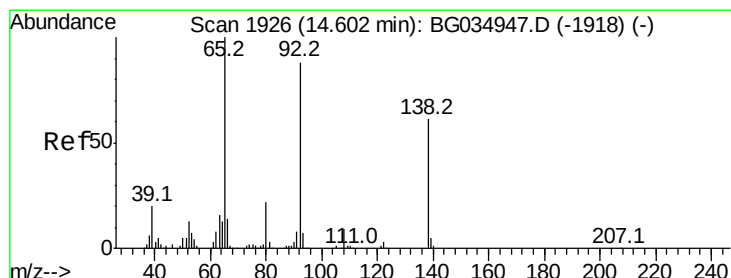
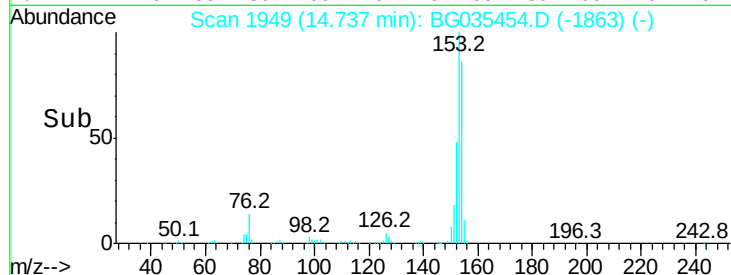
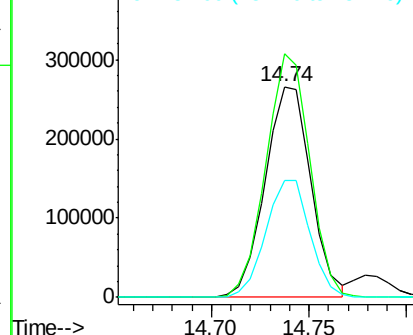
Tot Ion:	154	Resp:	429726
Ion Ratio	Lower	Upper	
154	100		
153	115.7	90.4	135.6
152	55.5	41.6	62.4

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.743 ng

RT: 14.57 min Scan# 1921

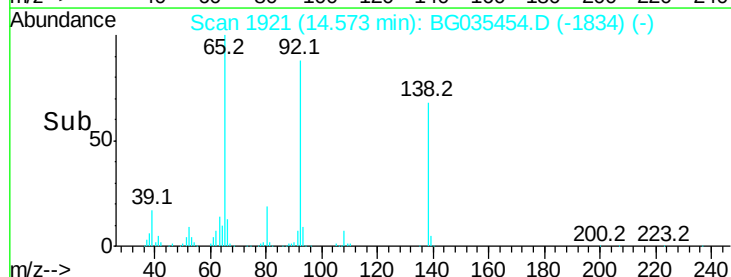
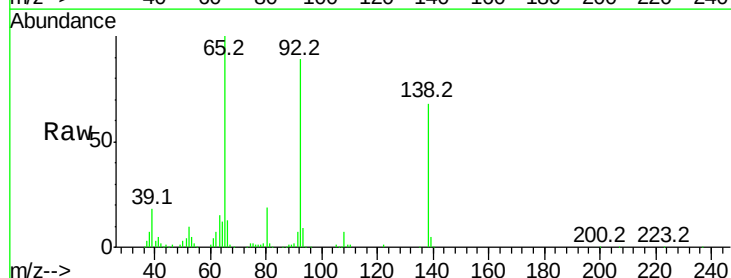
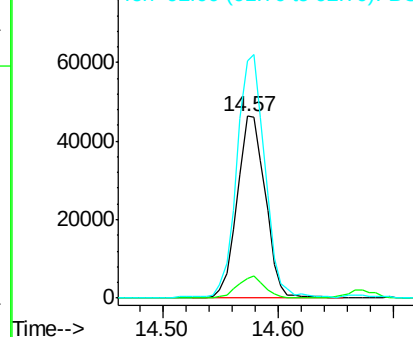
Delta R.T. -0.02 min

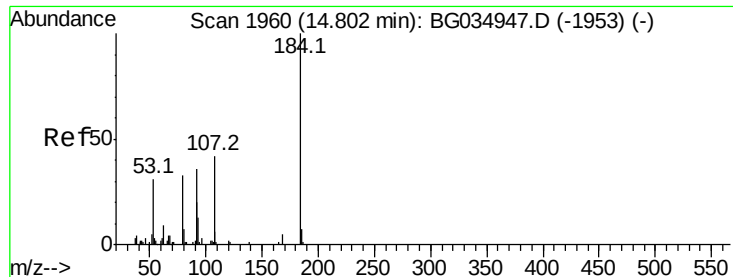
Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Tgt Ion:	138	Resp:	78230
Ion Ratio	Lower	Upper	
138	100		
108	10.7	17.5	26.3#
92	130.8	105.8	158.8

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BG





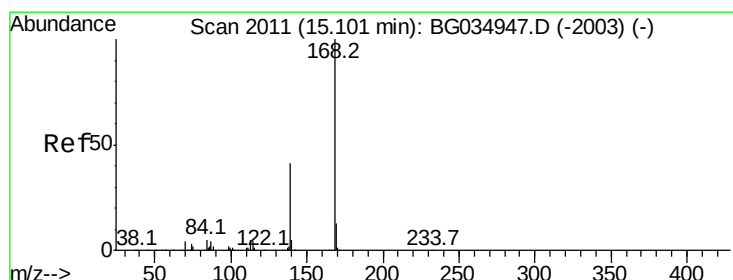
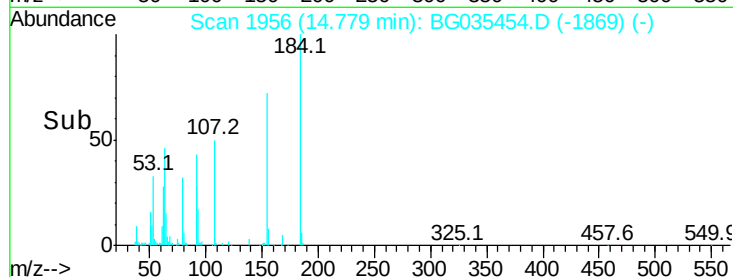
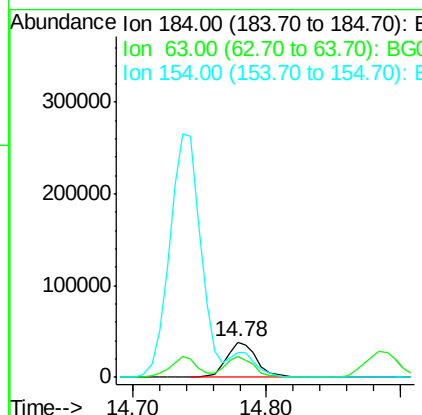
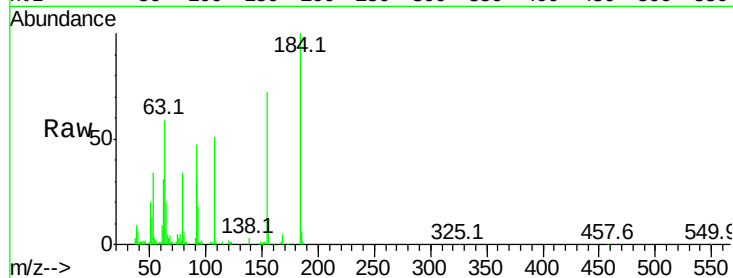
#53
2,4-Dinitrophenol
Concen: 69.345 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Instrument :
BNA_G
ClientSampleId :
SU-02-062518MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	58.9	59.8	89.8#
154	71.7	101.8	152.8#

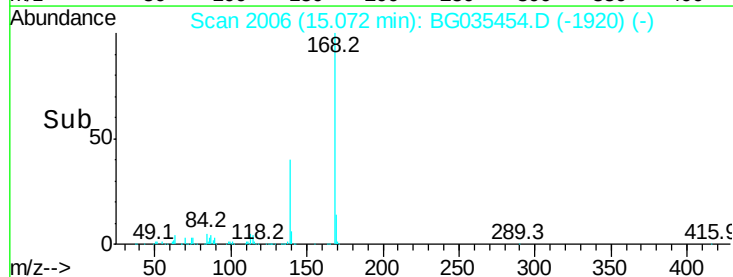
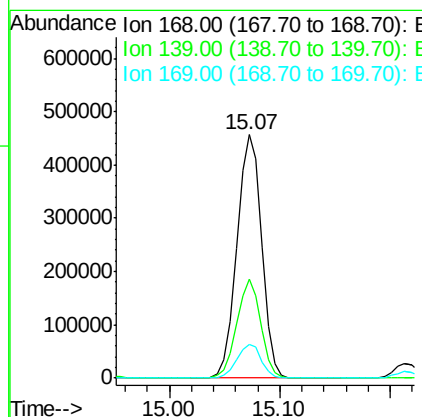
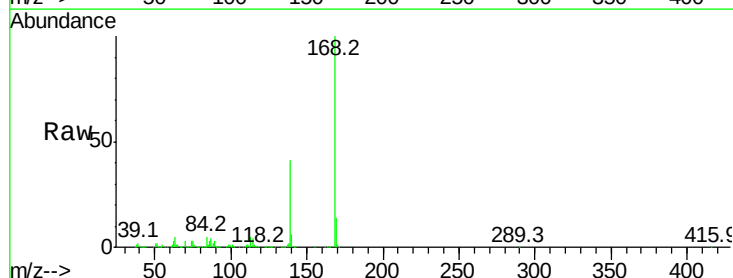
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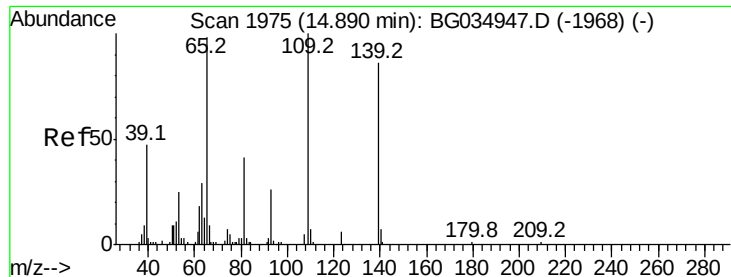
Sohil
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#54
Dibenzofuran
Concen: 52.679 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.7	28.6	43.0
169	13.8	11.2	16.8





#55

4-Nitrophenol

Concen: 82.652 ng

RT: 14.88 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Instrument :

BNA_G

ClientSampleId :

SU-02-062518MSD

Tot Ion:139 Resp: 148516

Ion Ratio Lower Upper

139 100

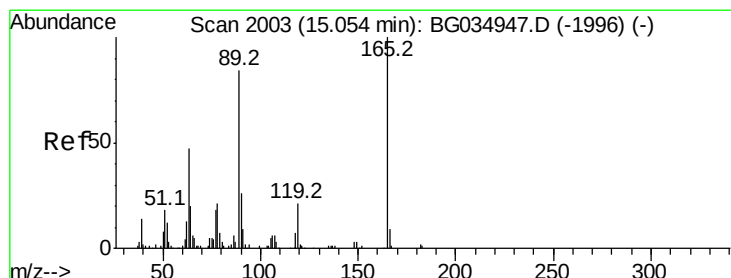
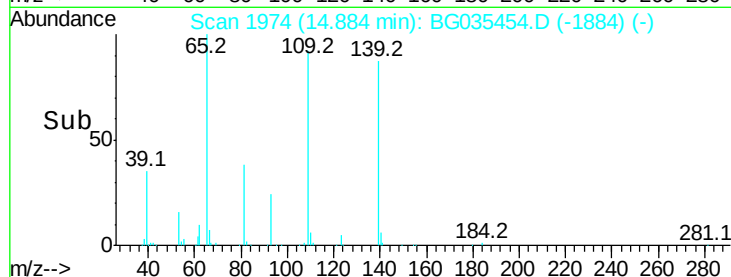
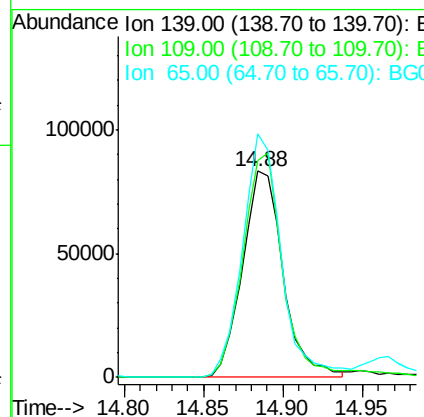
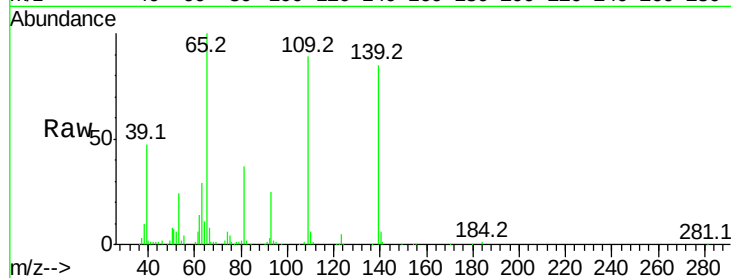
109 105.2 62.2 102.2#

65 118.0 97.2 137.2

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#56

2,4-Dinitrotoluene

Concen: 69.051 ng

RT: 15.03 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Tgt Ion:165 Resp: 199024

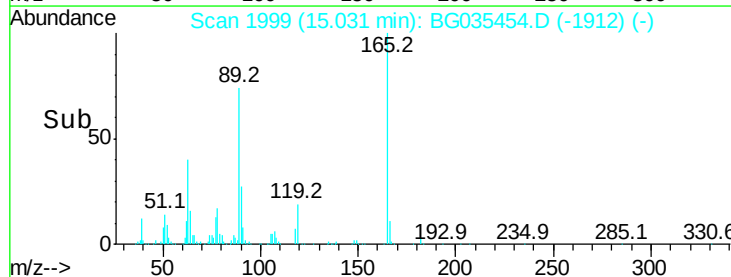
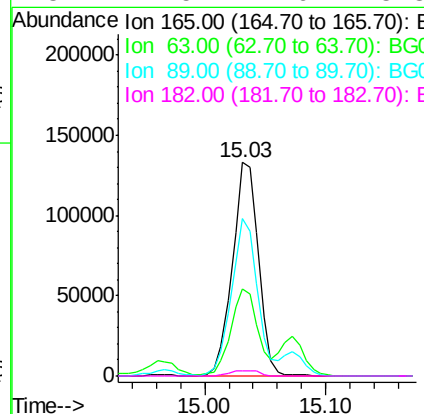
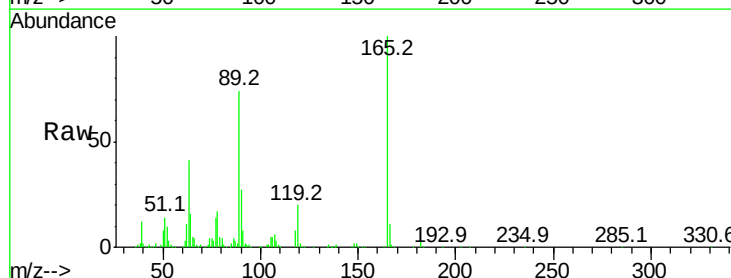
Ion Ratio Lower Upper

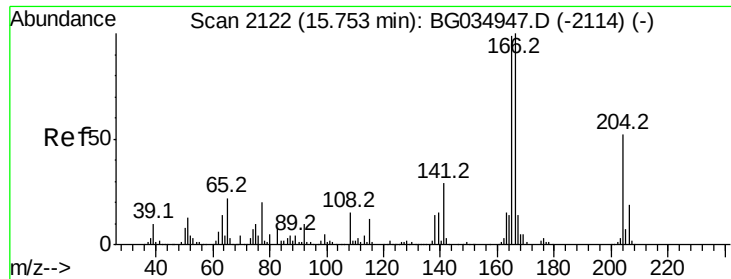
165 100

63 40.6 42.0 63.0#

89 73.7 66.9 100.3

182 2.5 2.6 3.8#





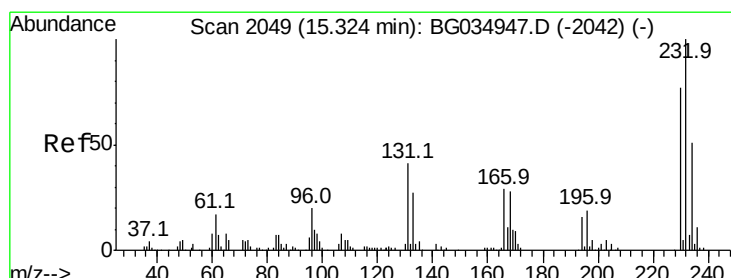
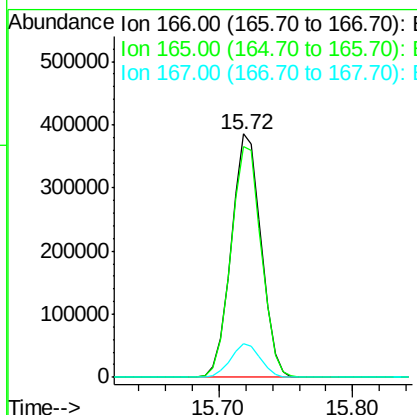
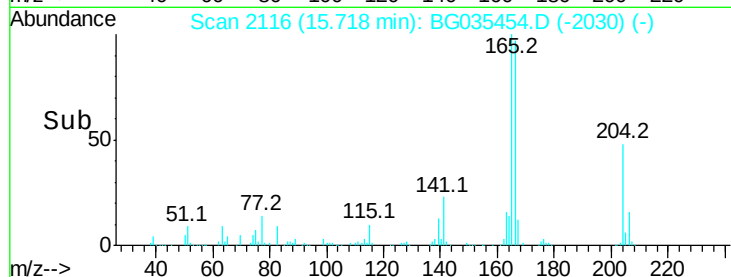
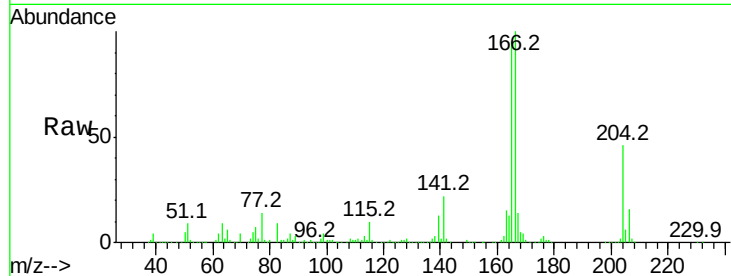
#57
 Fluorene
 Concen: 52.501 ng
 RT: 15.72 min Scan# 2116
 Delta R.T. -0.02 min
 Lab File: BG035454.D
 Acq: 27 Jun 2018 20:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-062518MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	596952		
165	94.9	80.6	121.0	
167	13.8	10.4	15.6	

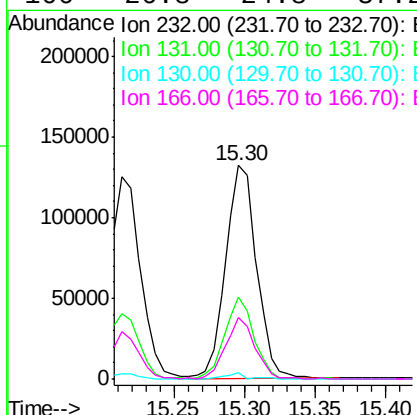
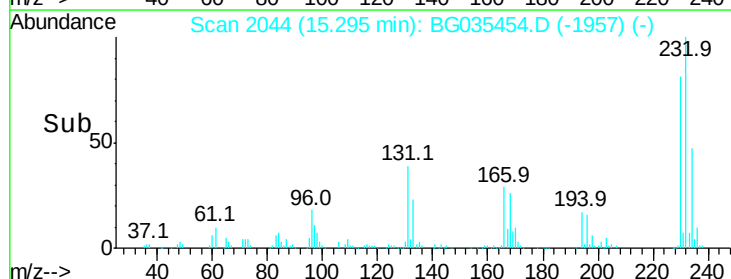
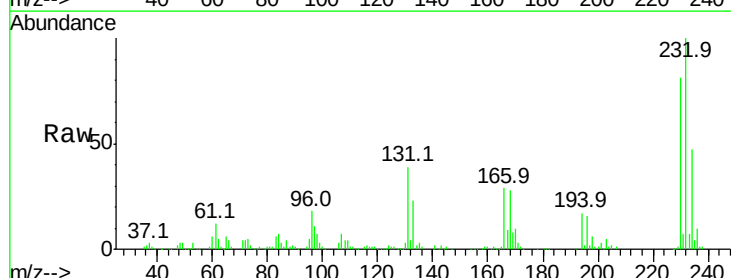
Manual Integrations
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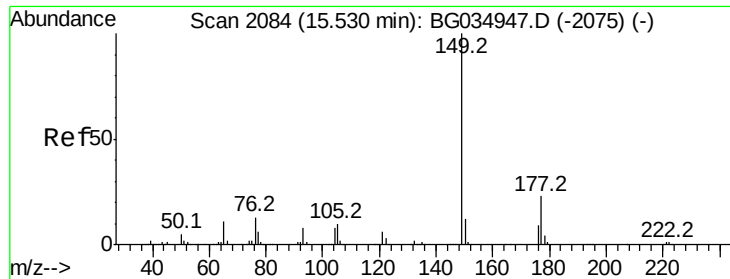
Sohil
 6/28/2018 2:50:13 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 61.890 ng
 RT: 15.30 min Scan# 2044
 Delta R.T. -0.02 min
 Lab File: BG035454.D
 Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	200736		
231	36.1	33.5	50.3	
130	1.6	2.2	3.2#	
166	26.8	24.8	37.2	





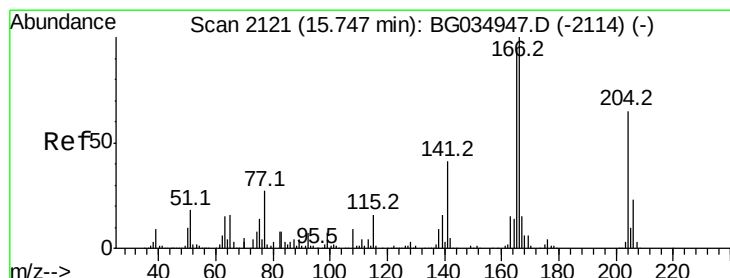
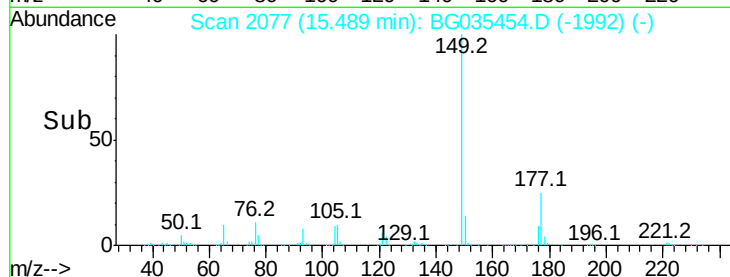
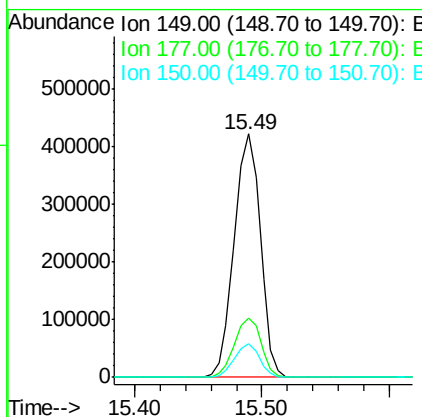
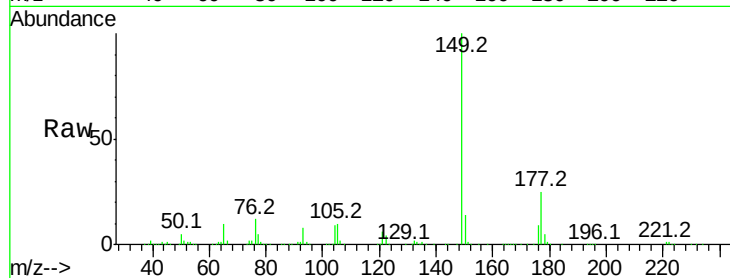
#59
Diethylphthalate
Concen: 49.390 ng
RT: 15.49 min Scan# 2077
Delta R.T. -0.03 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Instrument :
BNA_G
ClientSampleId :
SU-02-062518MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.5	27.7
150	14.0	10.2	15.2

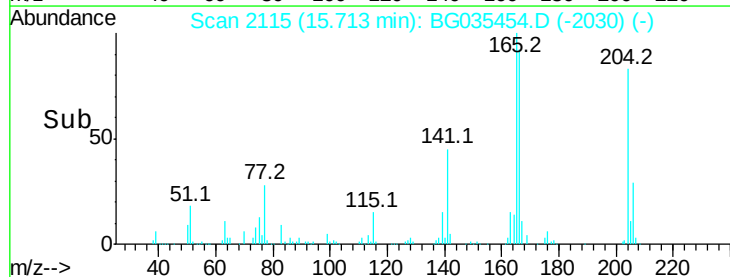
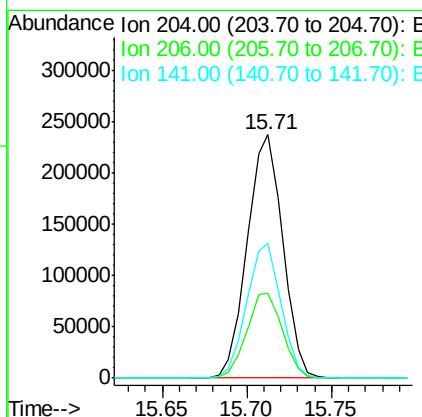
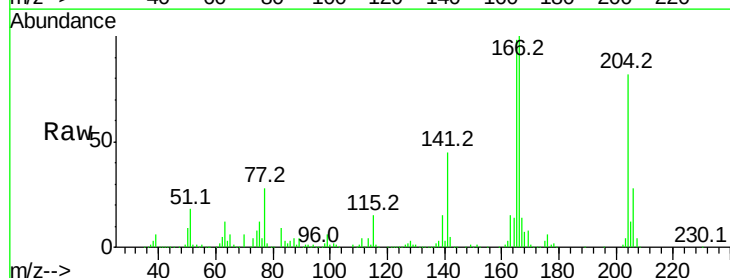
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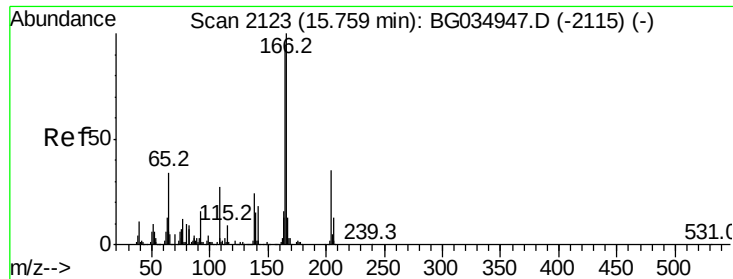
Sohil
6/28/2018 2:50:13 PM



#60
4-Chlorophenyl-phenylether
Concen: 53.419 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.03 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.8	26.2	39.2
141	55.2	45.8	68.6





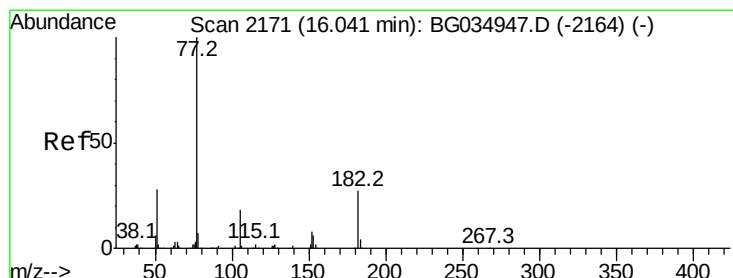
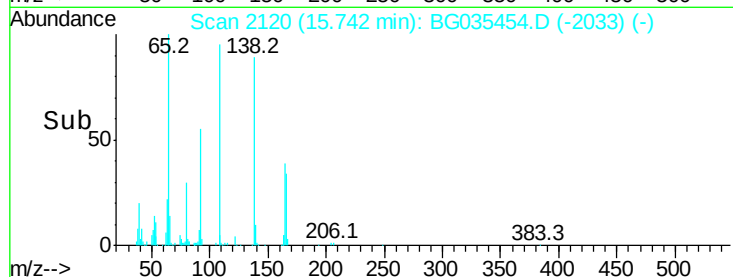
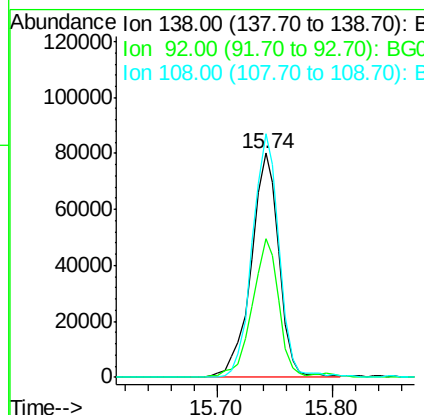
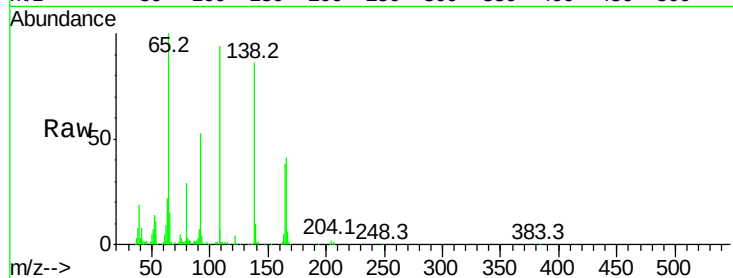
#61
4-Nitroaniline
Concen: 58.942 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Instrument :
BNA_G
ClientSampleId :
SU-02-062518MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	62.0	40.1	80.1
108	108.7	65.4	105.4

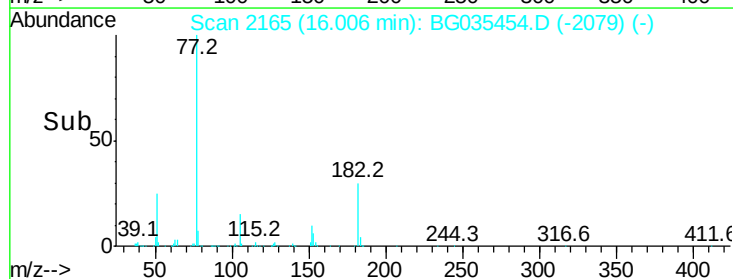
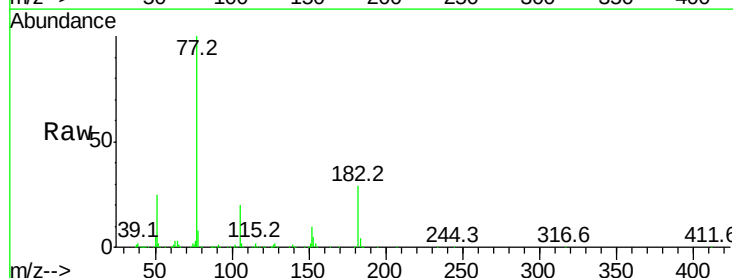
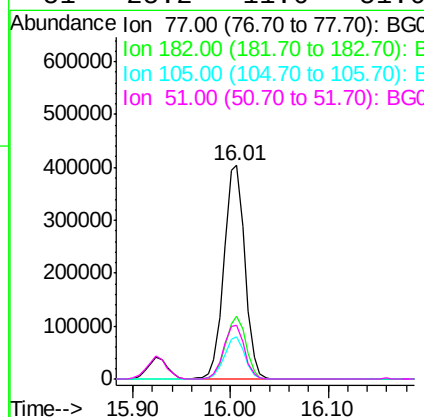
Manual Integrations
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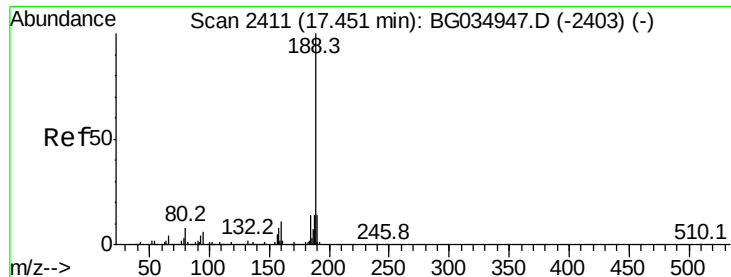
Sohil
6/28/2018 2:50:13 PM



#62
Azobenzene
Concen: 49.962 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.2	7.4	47.4
105	19.7	0.3	40.3
51	25.2	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Instrument :

BNA_G

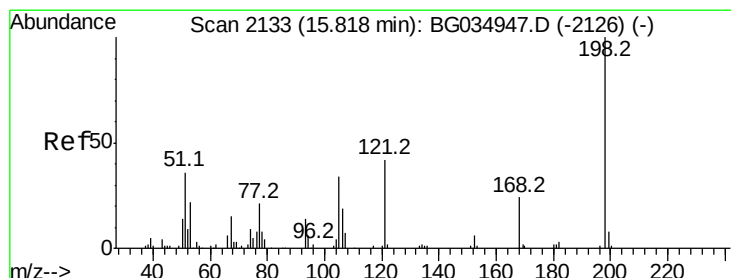
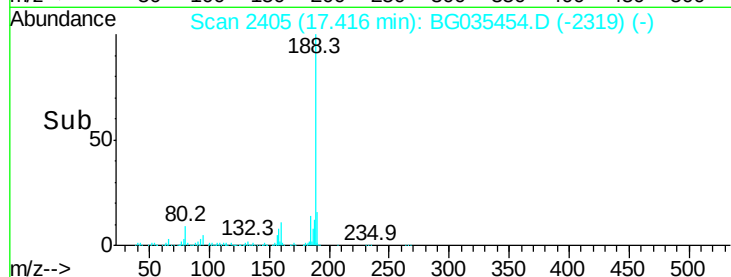
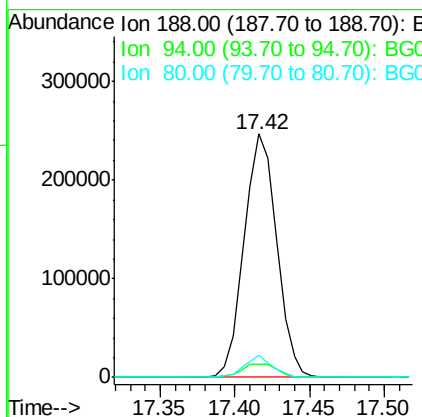
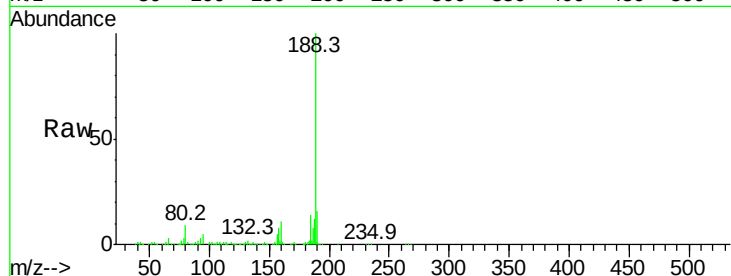
ClientSampleId :

SU-02-062518MSD

Tot Ion:	188	Resp:	372580
Ion Ratio	Lower	Upper	
188	100		
94	5.5	6.9	10.3#
80	8.9	7.7	11.5

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 40.439 ng

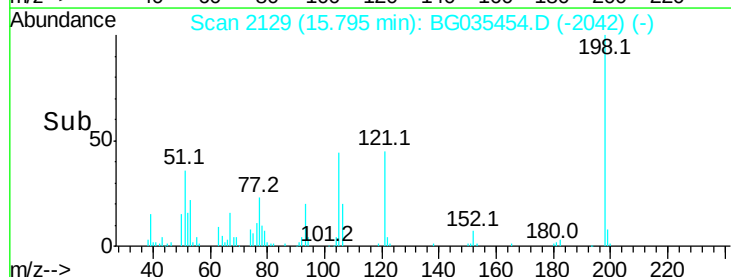
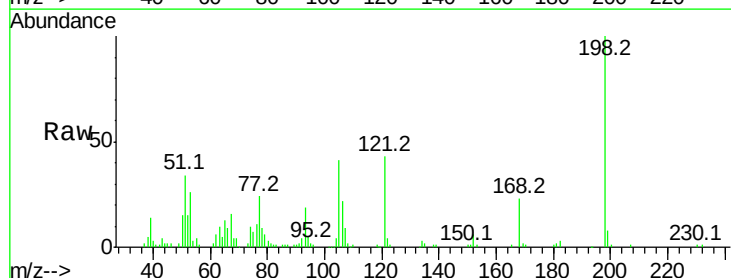
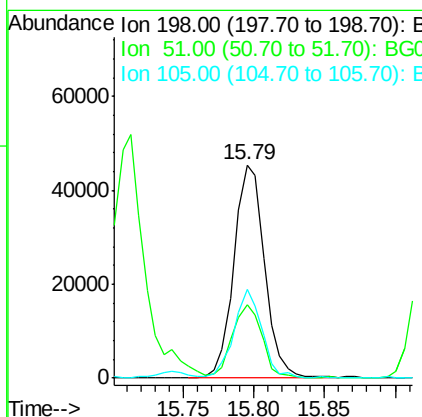
RT: 15.79 min Scan# 2129

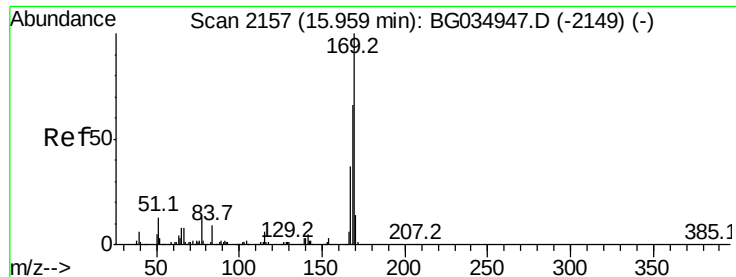
Delta R.T. -0.02 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Tgt Ion:	198	Resp:	68790
Ion Ratio	Lower	Upper	
198	100		
51	34.4	30.6	70.6
105	41.4	23.8	63.8





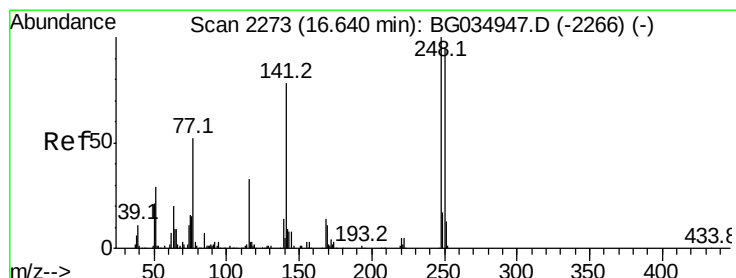
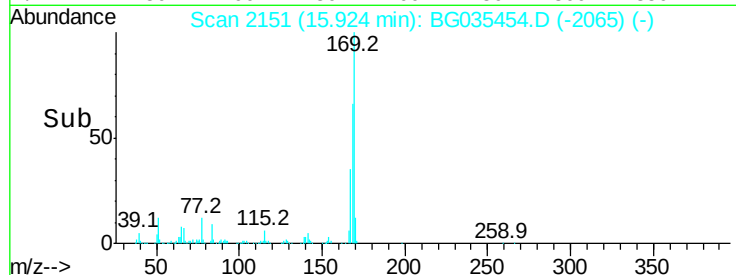
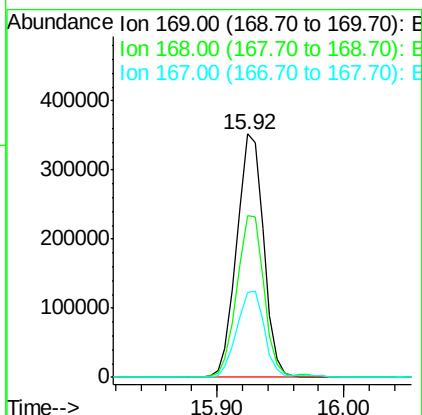
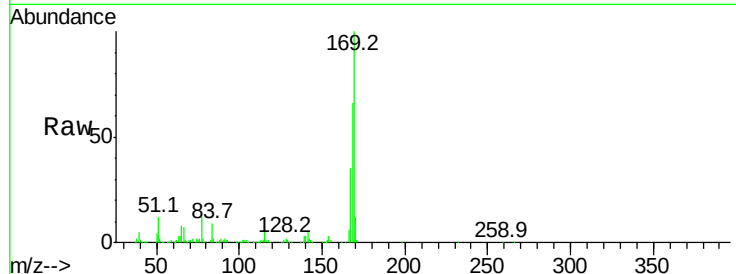
#65
n-Nitrosodiphenylamine
Concen: 46.014 ng
RT: 15.92 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Instrument :
BNA_G
ClientSampleId :
SU-02-062518MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.4	55.7	83.5
167	34.9	30.1	45.1

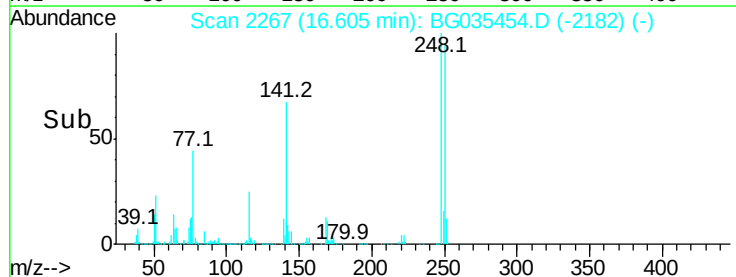
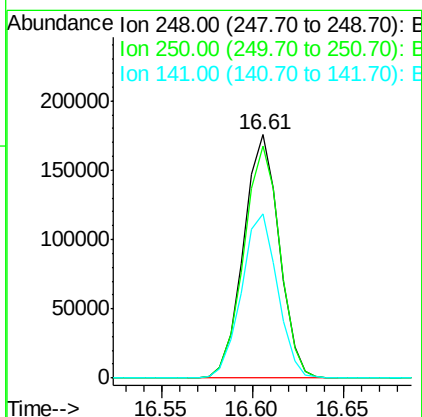
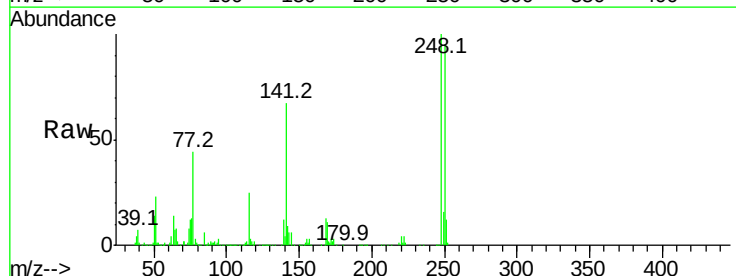
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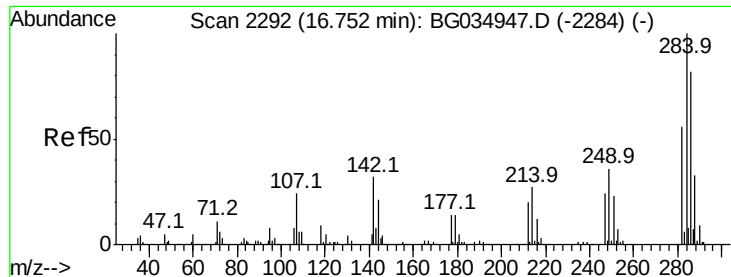
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 53.470 ng
RT: 16.61 min Scan# 2267
Delta R.T. -0.03 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.1	115.7
141	67.4	50.8	76.2





#67

Hexachlorobenzene

Concen: 53.088 ng

RT: 16.72 min Scan# 2287

Delta R.T. -0.02 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Instrument :

BNA_G

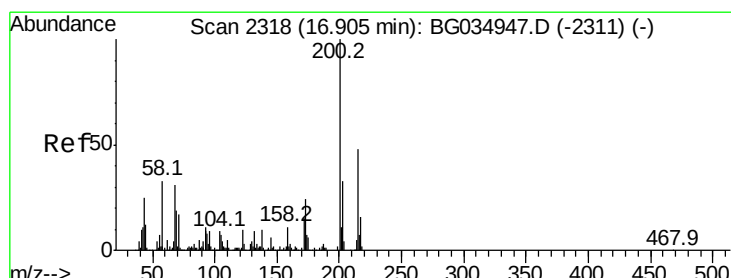
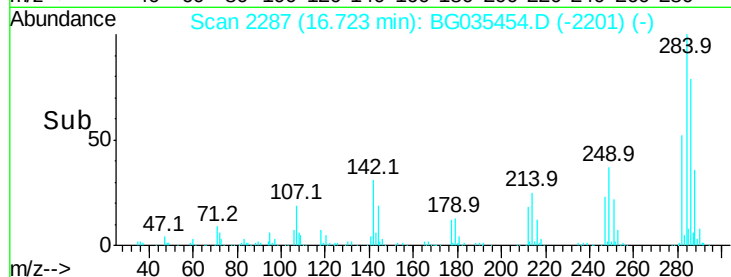
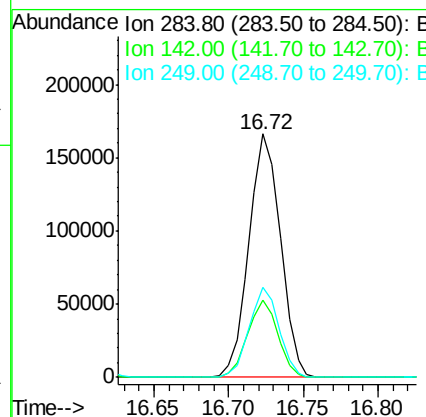
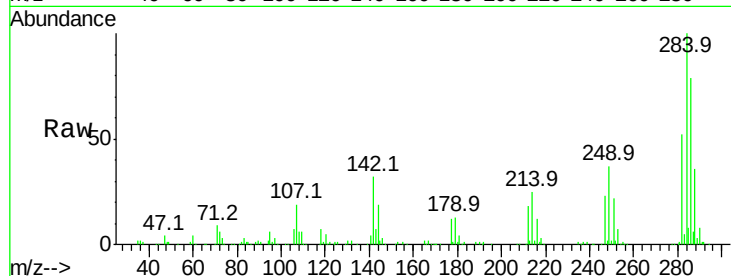
ClientSampleId :

SU-02-062518MSD

Tot Ion:	284	Resp:	242438
Ion Ratio	Lower	Upper	
284	100		
142	31.6	26.8	40.2
249	37.0	26.3	39.5

Manual Integrations
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#68

Atrazine

Concen: 50.170 ng

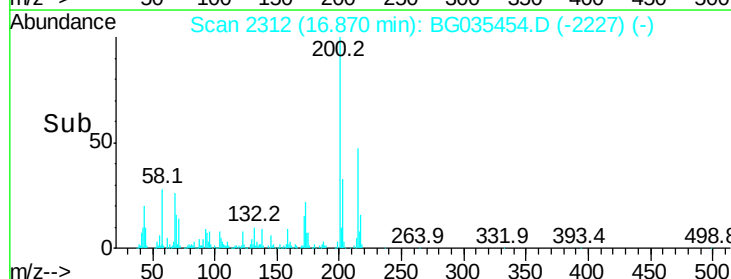
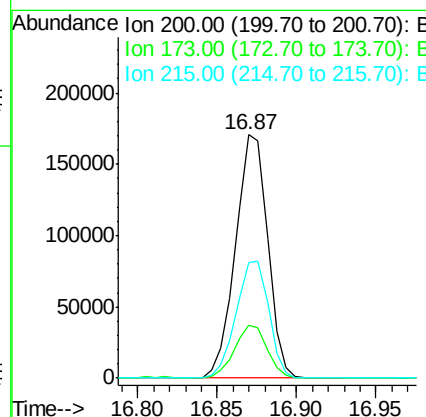
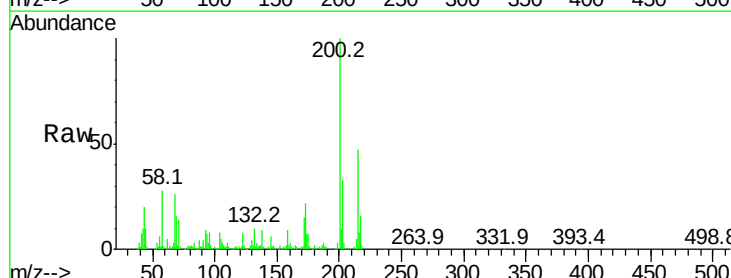
RT: 16.87 min Scan# 2312

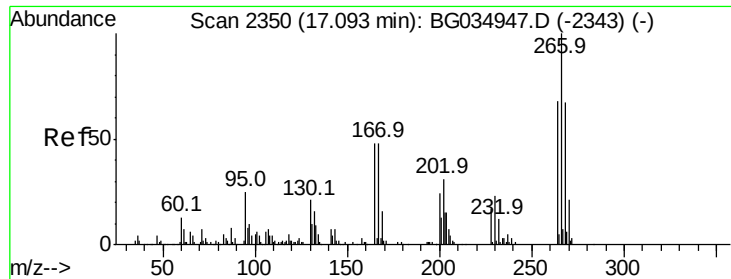
Delta R.T. -0.03 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Tgt Ion:	200	Resp:	239388
Ion Ratio	Lower	Upper	
200	100		
173	21.6	5.2	45.2
215	47.4	30.4	70.4





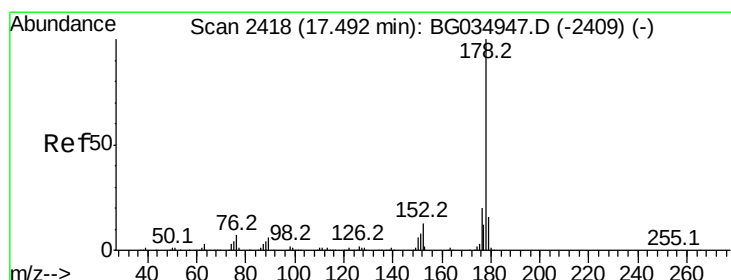
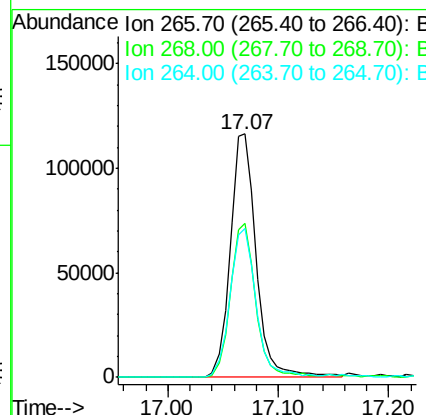
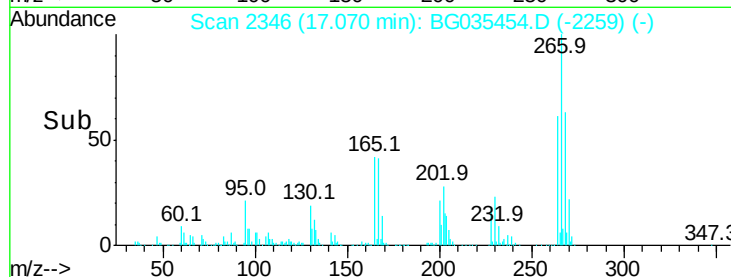
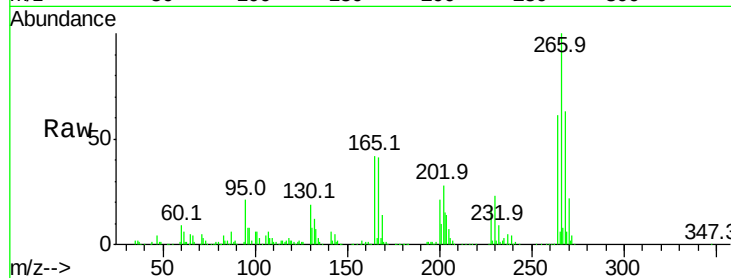
#69
 Pentachlorophenol
 Concen: 62.313 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG035454.D
 Acq: 27 Jun 2018 20:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-062518MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	191352		
268	63.5	51.1	76.7	
264	61.0	49.6	74.4	

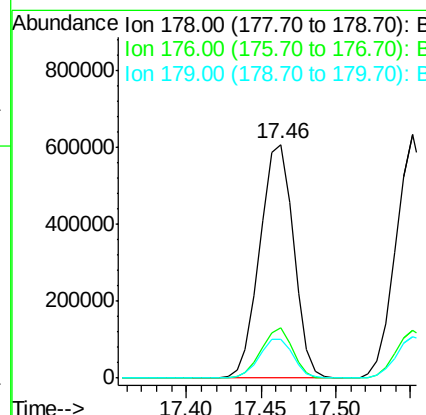
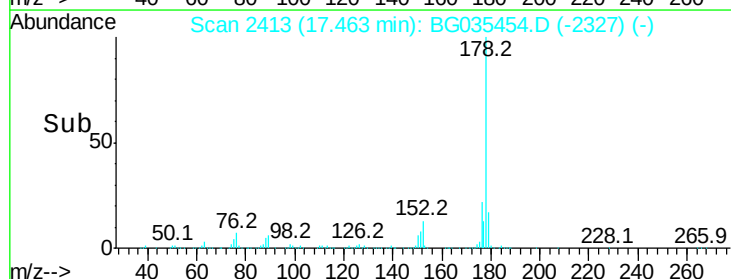
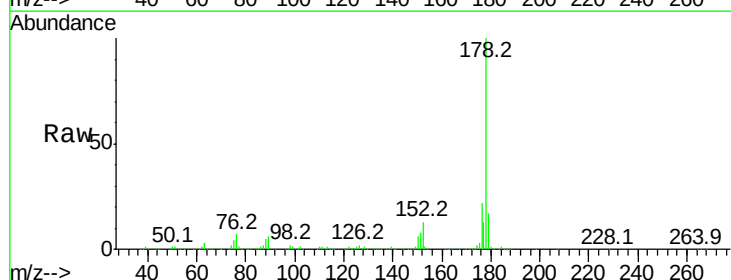
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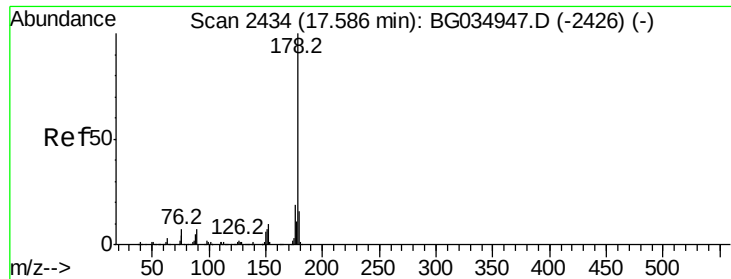
Sohil
 6/28/2018 2:50:13 PM



#70
 Phenanthrene
 Concen: 50.153 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BG035454.D
 Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	949204		
176	21.7	15.7	23.5	
179	16.8	12.5	18.7	





#71

Anthracene

Concen: 50.240 ng

RT: 17.55 min Scan# 2428

Delta R.T. -0.02 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Instrument :

BNA_G

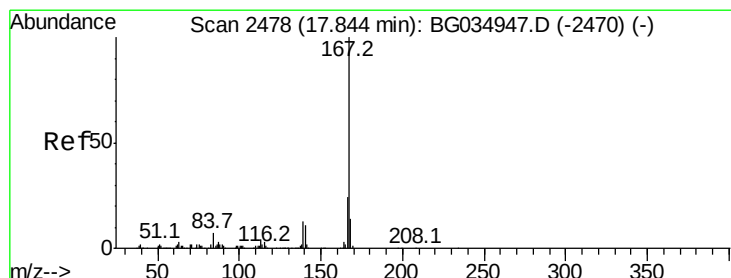
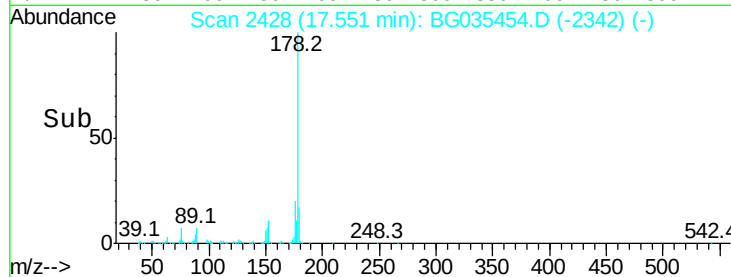
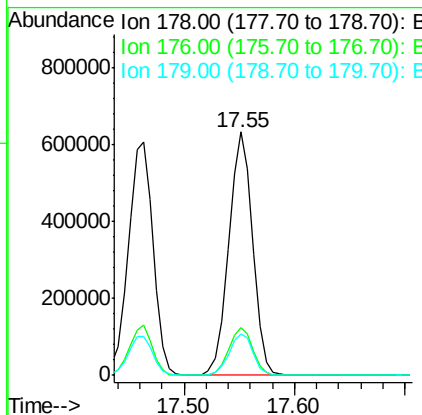
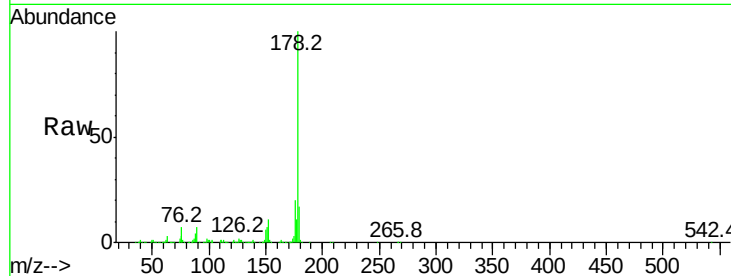
ClientSampleId :

SU-02-062518MSD

Tot Ion:	178	Resp:	952453
Ion Ratio	Lower	Upper	
178	100		
176	19.8	16.0	24.0
179	17.2	12.5	18.7

Manual Integrations
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#72

Carbazole

Concen: 49.302 ng

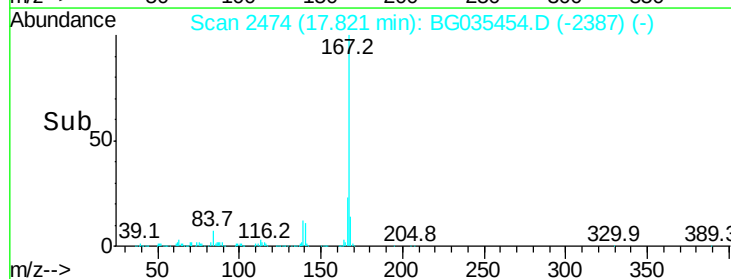
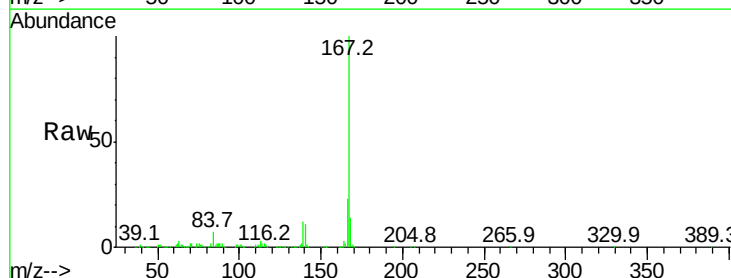
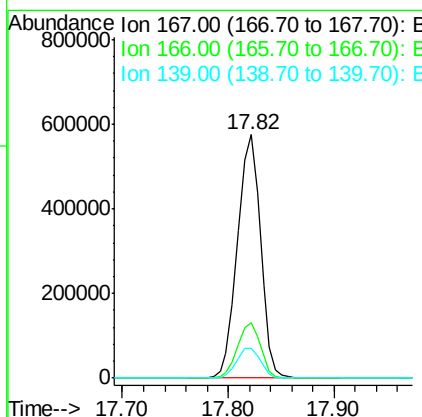
RT: 17.82 min Scan# 2474

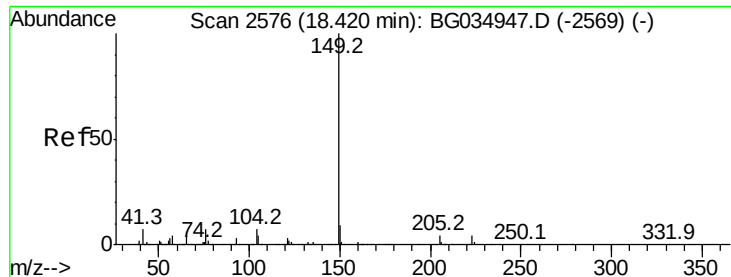
Delta R.T. -0.02 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Tgt Ion:	167	Resp:	867222
Ion Ratio	Lower	Upper	
167	100		
166	22.9	18.2	27.4
139	12.4	9.4	14.2





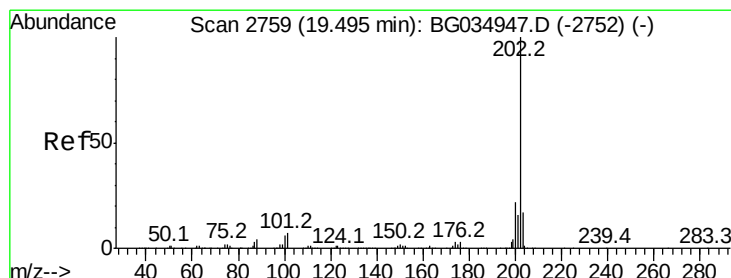
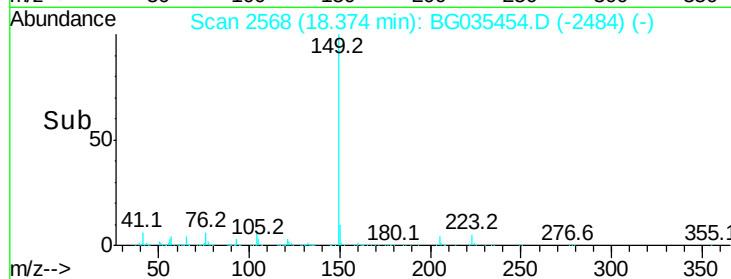
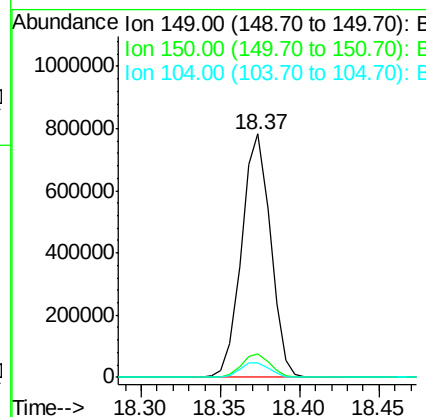
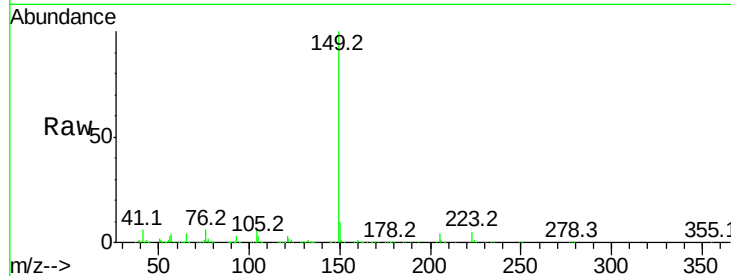
#73
Di-n-butylphthalate
Concen: 47.318 ng
RT: 18.37 min Scan# 2568
Delta R.T. -0.04 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Instrument :
BNA_G
ClientSampleId :
SU-02-062518MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	6.0	3.9	5.9

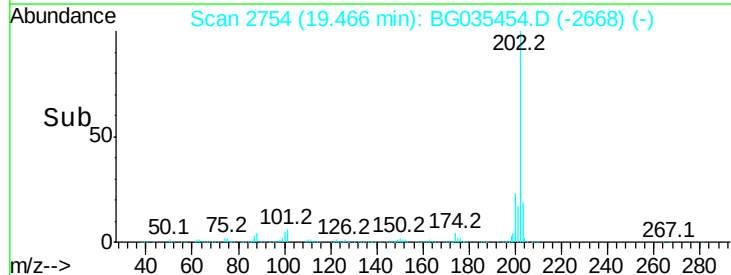
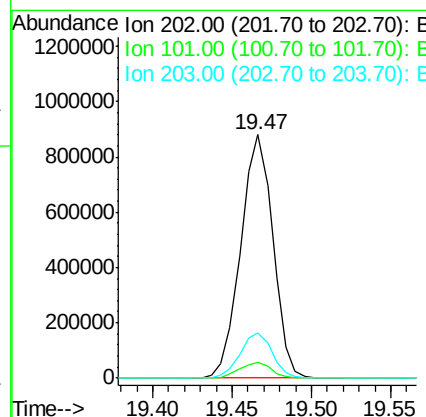
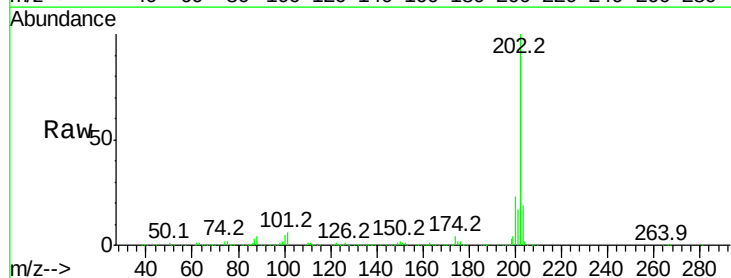
Manual Integrations
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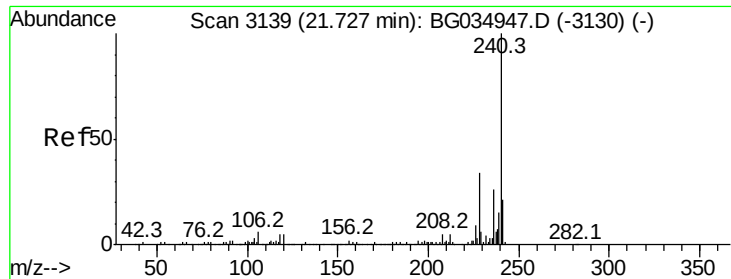
Sohil
6/28/2018 2:50:13 PM



#74
Fluoranthene
Concen: 50.300 ng
RT: 19.47 min Scan# 2754
Delta R.T. -0.02 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	28.9
203	18.6	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Instrument :

BNA_G

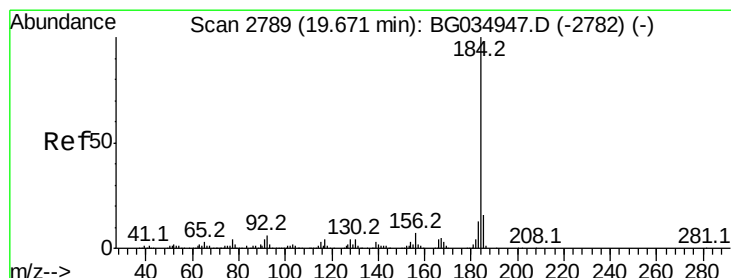
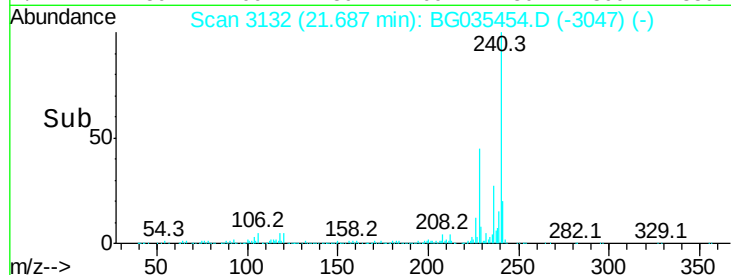
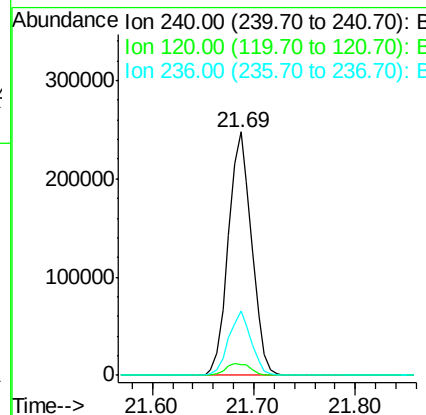
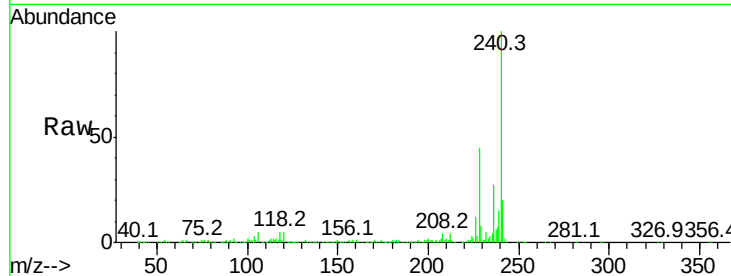
ClientSampleId :

SU-02-062518MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.8	10.2#
236	26.7	20.9	31.3

Manual Integrations
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6/28/2018 2:50:13 PM



#76

Benzidine

Concen: 24.186 ng

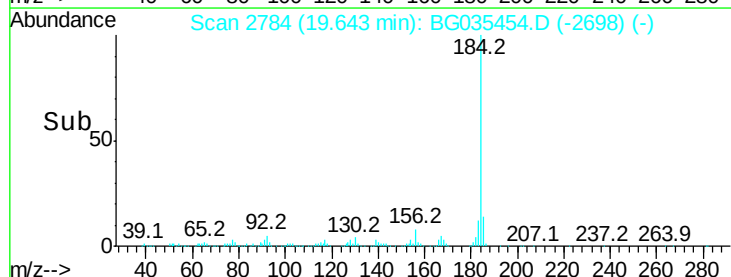
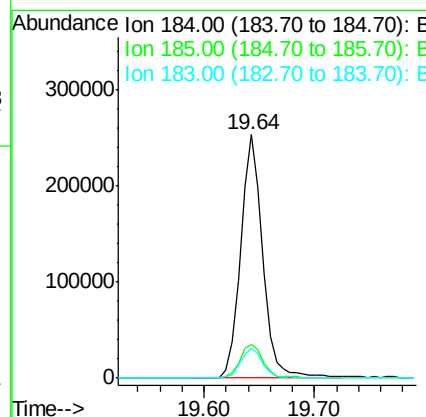
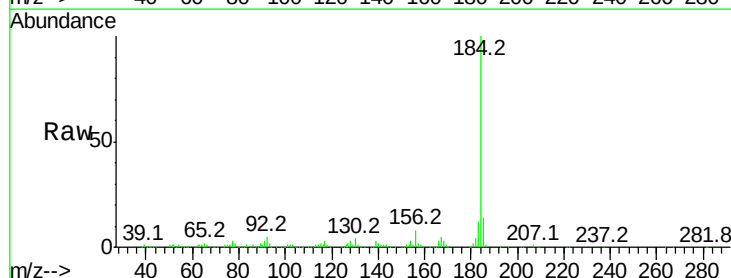
RT: 19.64 min Scan# 2784

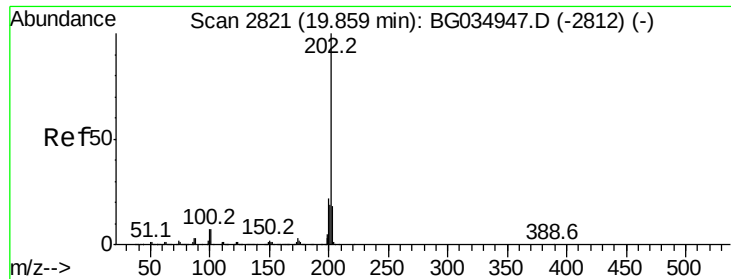
Delta R.T. -0.02 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.1	16.7
183	12.1	10.6	16.0





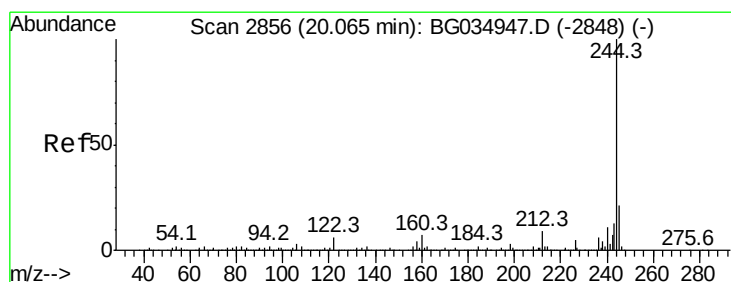
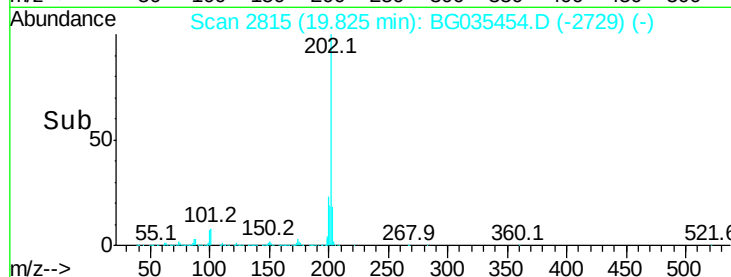
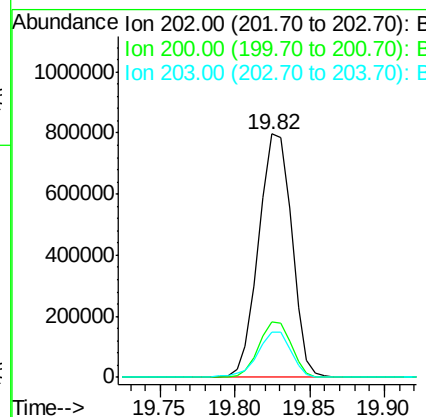
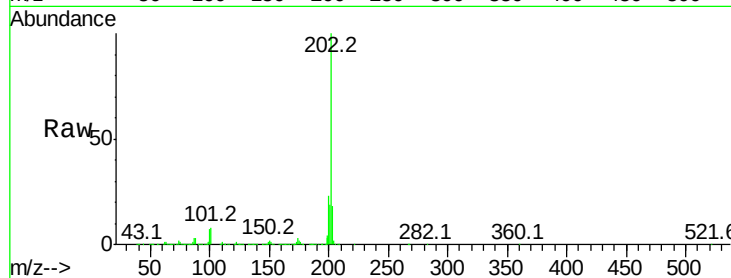
#77
Pvrene
Concen: 47.099 ng
RT: 19.82 min Scan# 2815
Delta R.T. -0.02 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Instrument :
BNA_G
ClientSampleId :
SU-02-062518MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	16.9	25.3
203	18.4	13.9	20.9

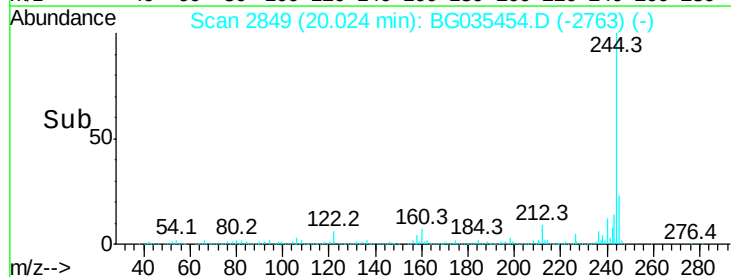
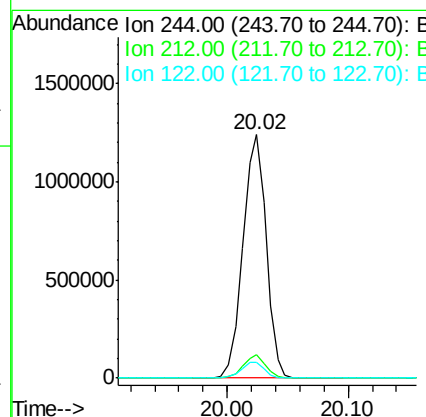
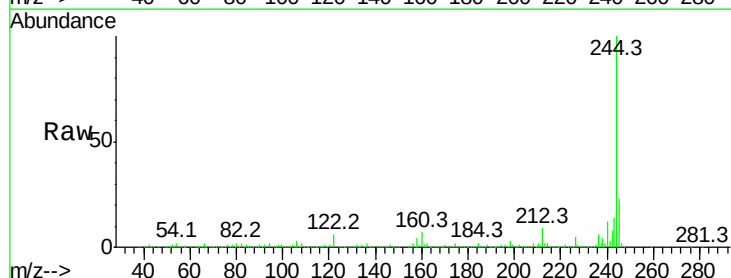
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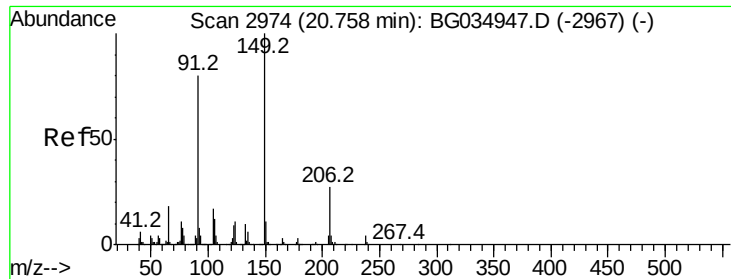
Sohil
6/28/2018 2:50:13 PM



#78
Terphenyl-d14
Concen: 88.576 ng
RT: 20.02 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	6.3	7.0	10.4#





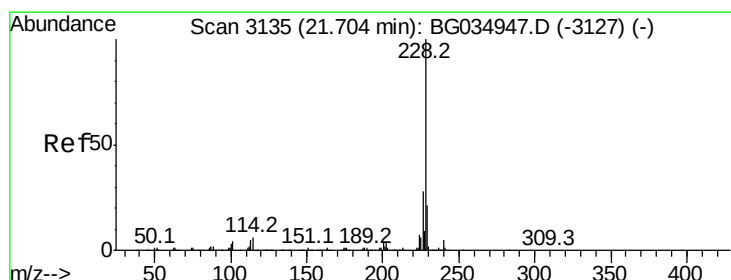
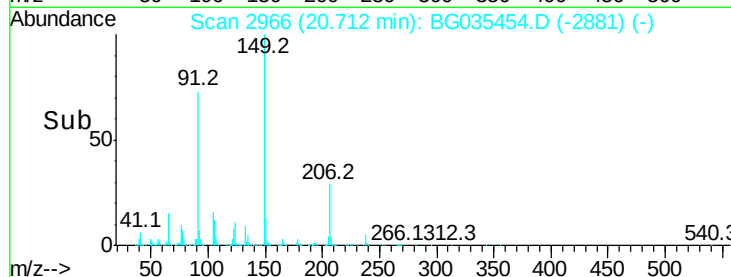
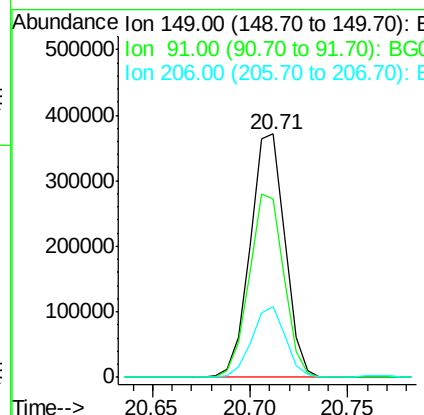
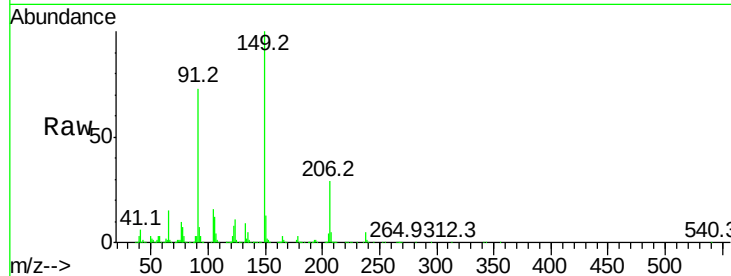
#79
Butylbenzylphthalate
Concen: 48.556 ng
RT: 20.71 min Scan# 2966
Delta R.T. -0.03 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Instrument :
BNA_G
ClientSampleId :
SU-02-062518MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.0	62.2	93.2
206	29.3	18.6	27.8

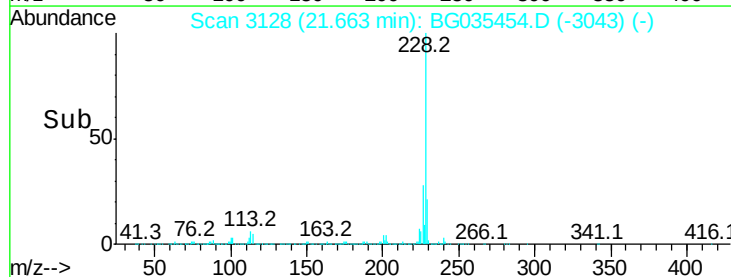
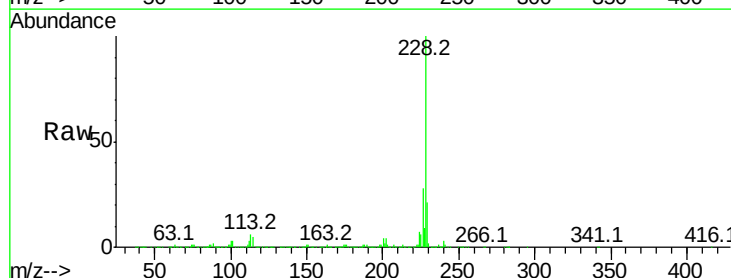
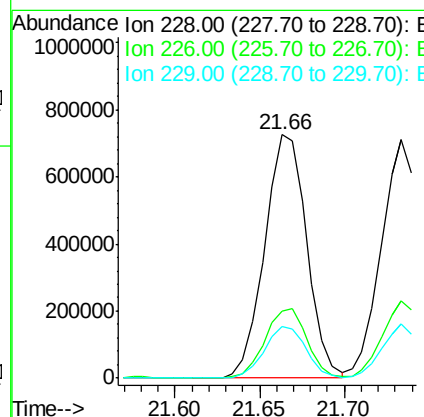
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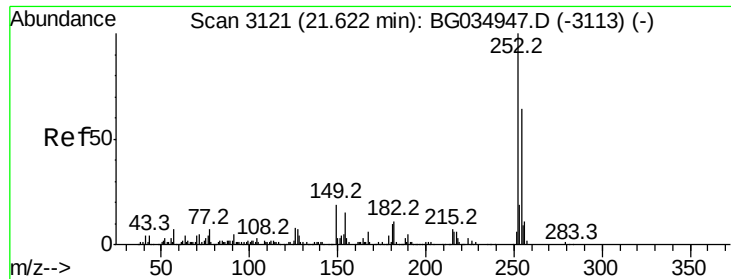
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#80
Benzo(a)anthracene
Concen: 49.824 ng
RT: 21.66 min Scan# 3128
Delta R.T. -0.03 min
Lab File: BG035454.D
Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.7	34.1
229	20.9	16.2	24.2





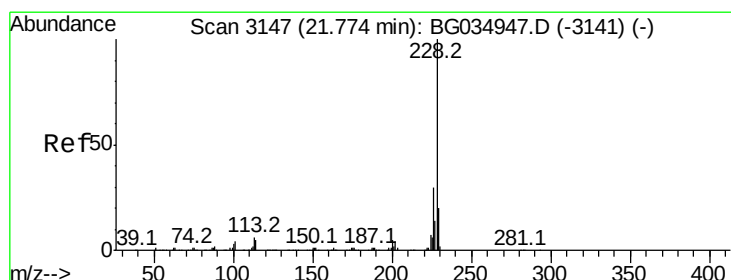
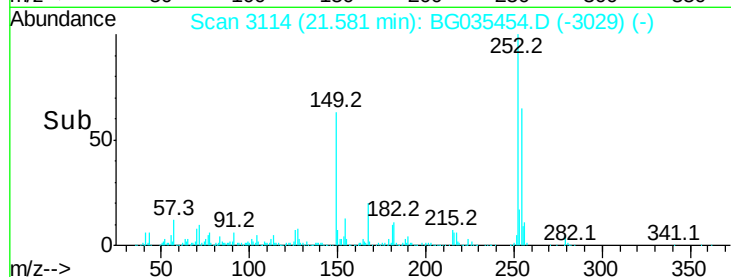
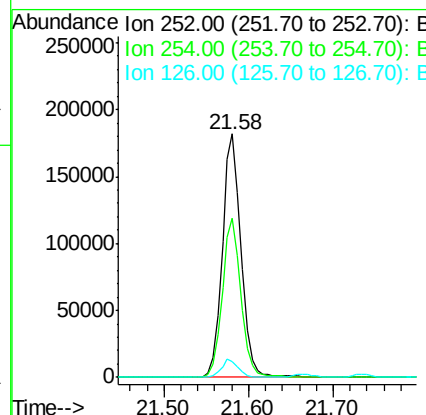
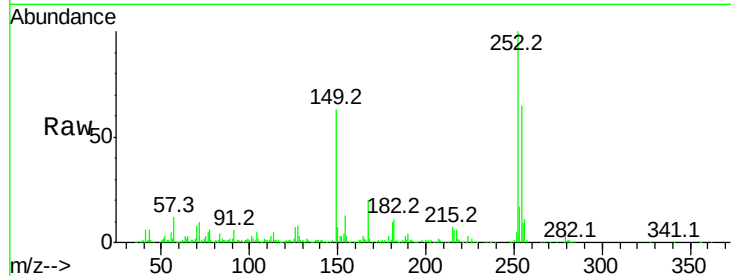
#81
 3,3'-Dichlorobenzidine
 Concen: 29.736 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.03 min
 Lab File: BG035454.D
 Acq: 27 Jun 2018 20:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-062518MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.8	76.2
126	6.6	7.4	11.2#

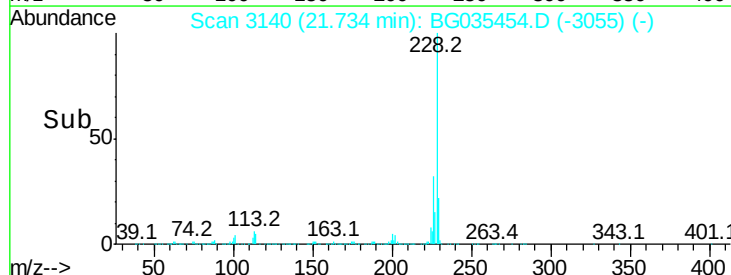
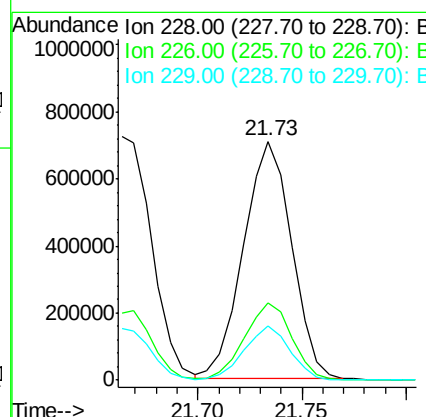
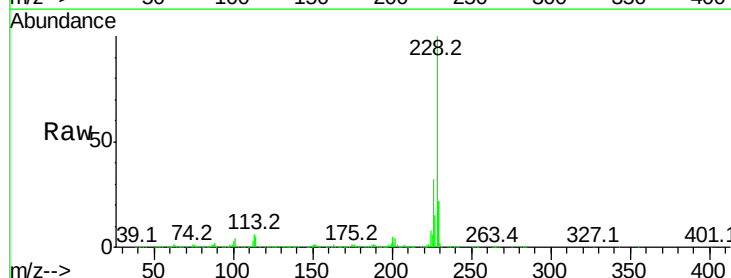
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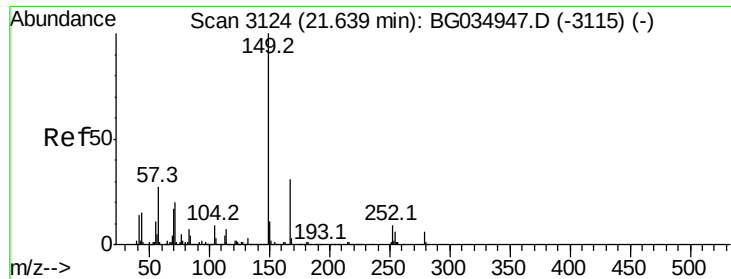
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#82
 Chrysene
 Concen: 49.758 ng m
 RT: 21.73 min Scan# 3140
 Delta R.T. -0.03 min
 Lab File: BG035454.D
 Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	22.5	15.0	22.4#





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.784 ng

RT: 21.57 min Scan# 3112

Delta R.T. -0.05 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Instrument :

BNA_G

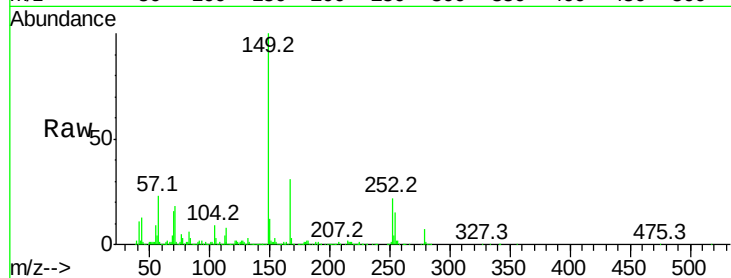
ClientSampleId :

SU-02-062518MSD

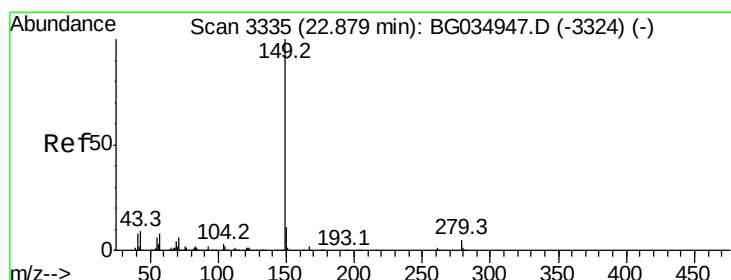
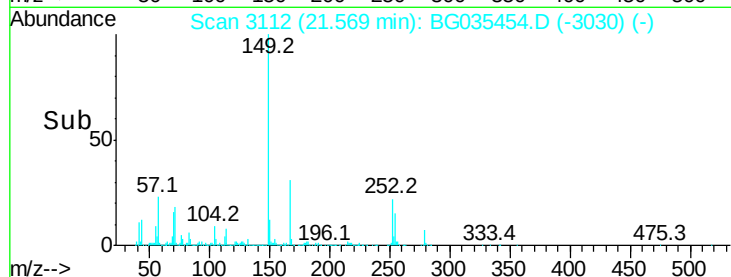
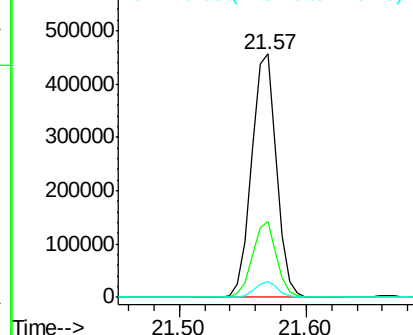
Tot Ion:	149	Resp:	623255
Ion Ratio	Lower	Upper	
149	100		
167	31.3	24.3	36.5
279	6.6	4.0	6.0#

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



#84

Di-n-octyl phthalate

Concen: 45.753 ng

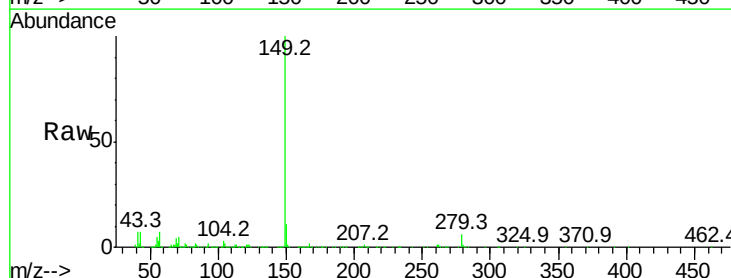
RT: 22.78 min Scan# 3318

Delta R.T. -0.06 min

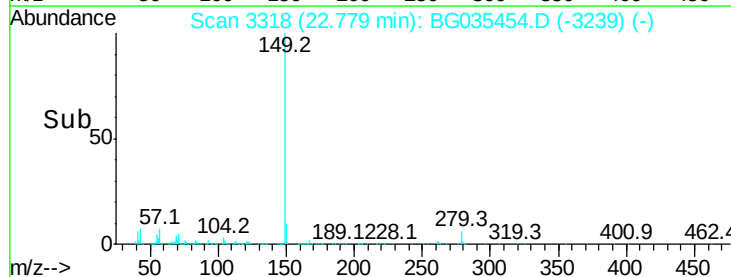
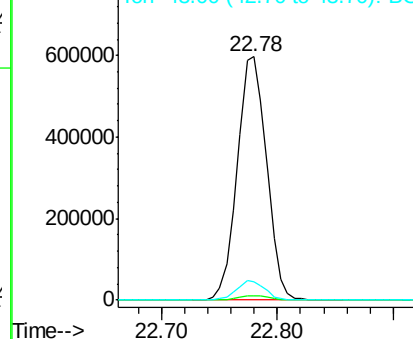
Lab File: BG035454.D

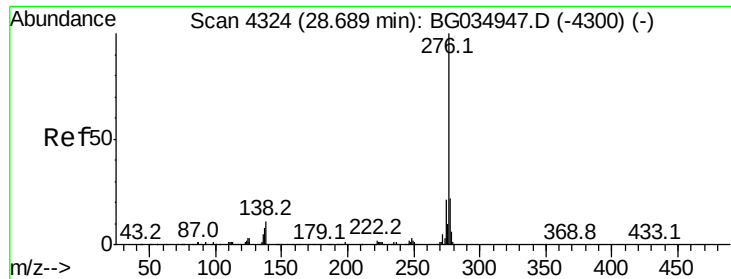
Acq: 27 Jun 2018 20:50

Tgt Ion:	149	Resp:	1045702
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	7.6	8.9	13.3#



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





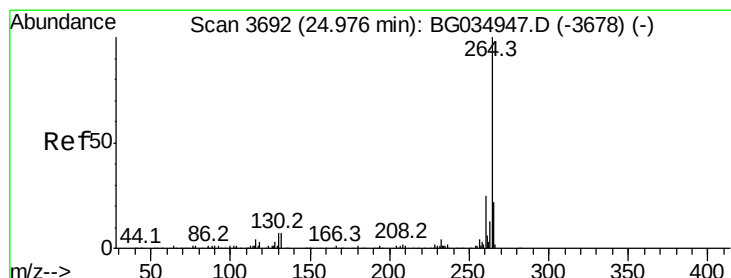
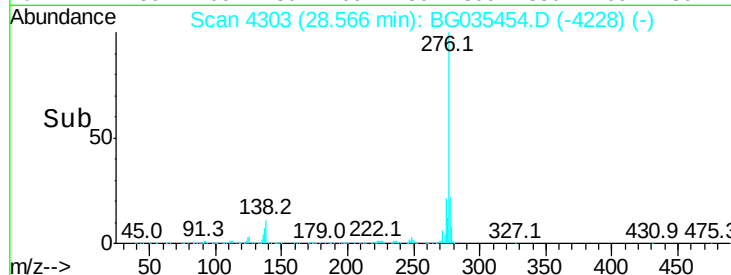
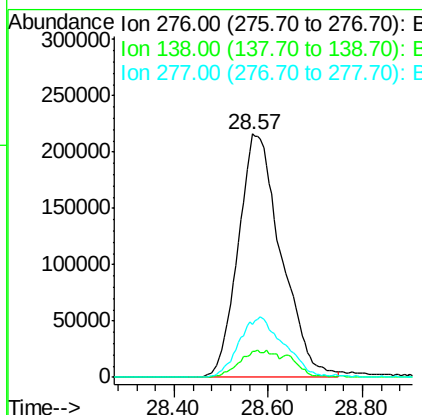
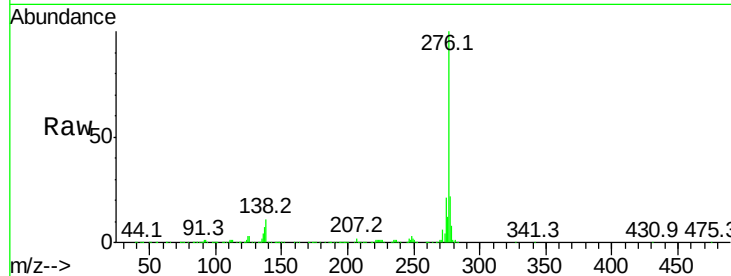
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.749 ng
 RT: 28.57 min Scan# 4303
 Delta R.T. -0.09 min
 Lab File: BG035454.D
 Acq: 27 Jun 2018 20:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-062518MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.7	16.0	24.0#
277	25.9	20.0	30.0

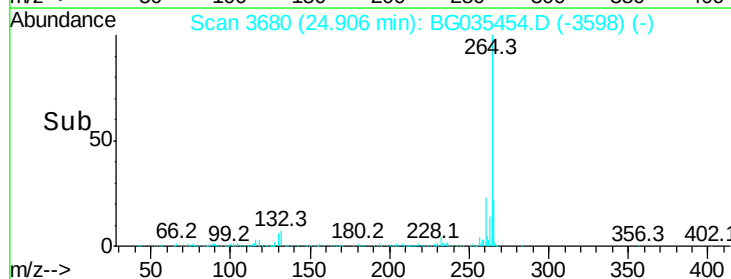
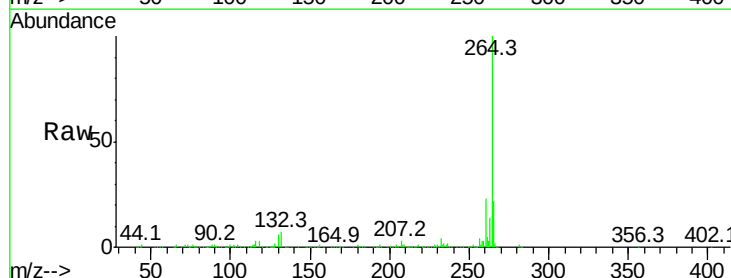
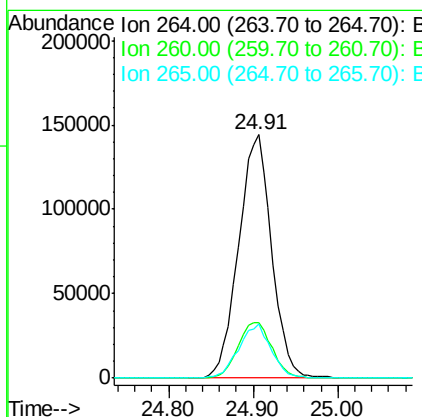
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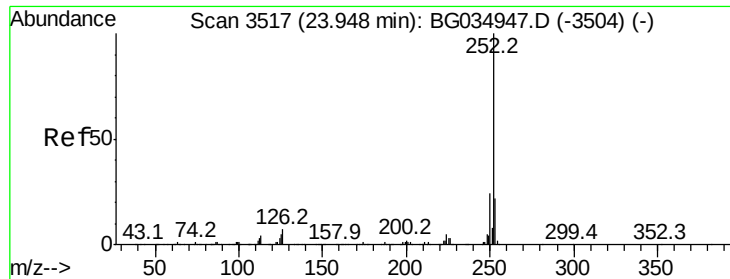
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3680
 Delta R.T. -0.05 min
 Lab File: BG035454.D
 Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	22.2	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 51.824 ng

RT: 23.88 min Scan# 3506

Delta R.T. -0.04 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Instrument :

BNA_G

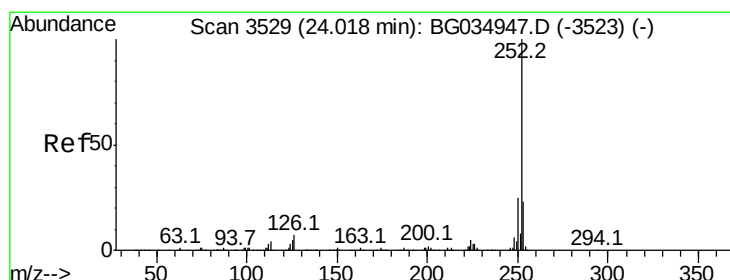
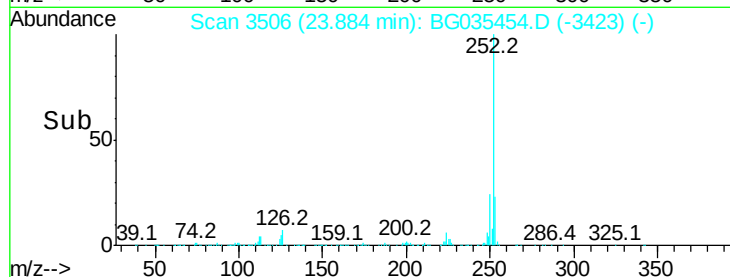
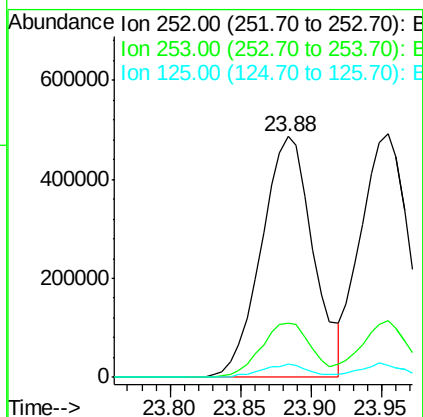
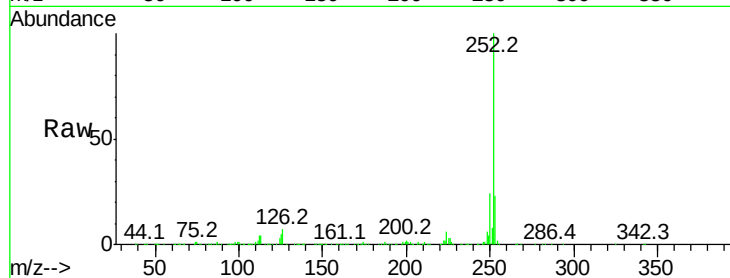
ClientSampleId :

SU-02-062518MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	5.4	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 49.184 ng

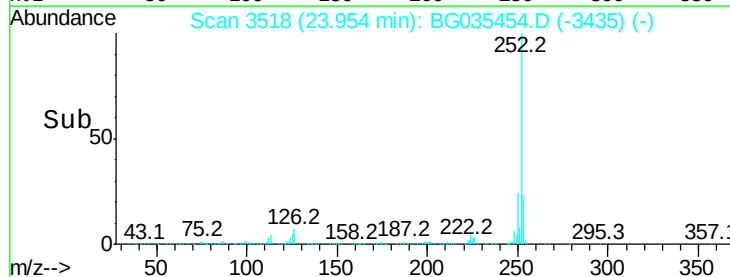
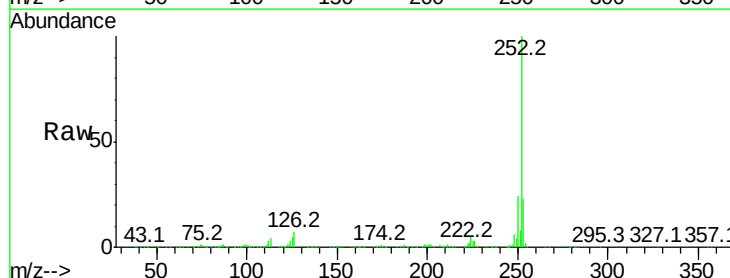
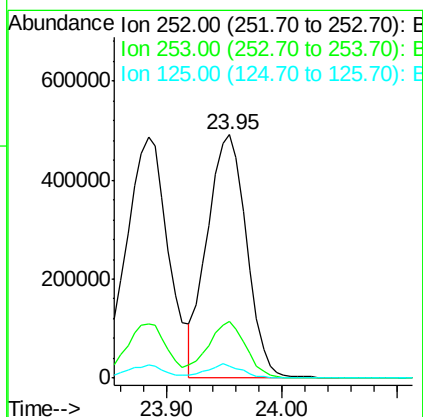
RT: 23.95 min Scan# 3518

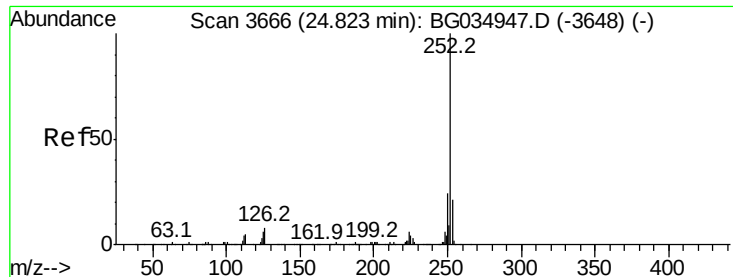
Delta R.T. -0.04 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	5.0	6.6	9.8





#89

Benzo(a)pyrene

Concen: 52.565 ng

RT: 24.75 min Scan# 3654

Delta R.T. -0.05 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Instrument :

BNA_G

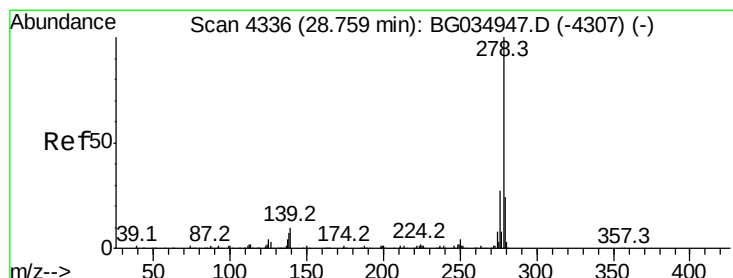
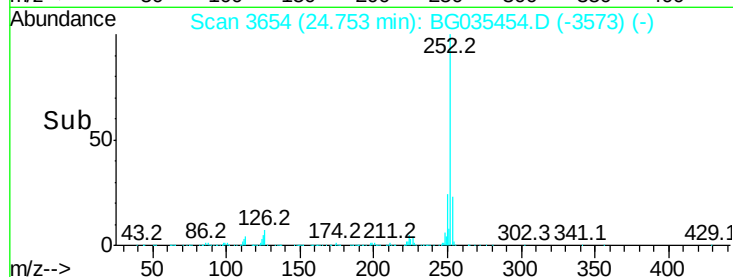
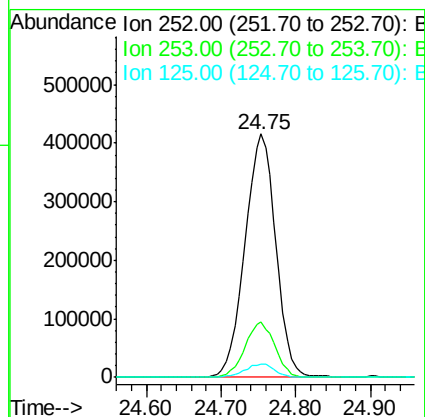
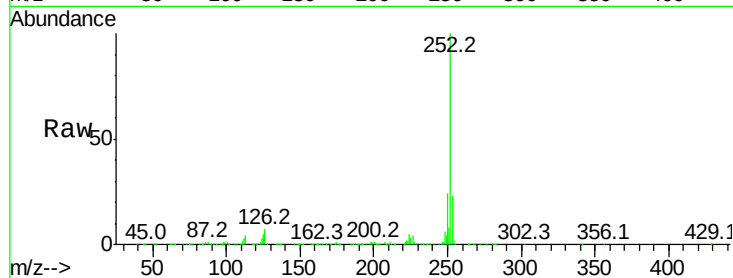
ClientSampleId :

SU-02-062518MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	5.4	7.3	10.9#

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#90

Dibenzo(a,h)anthracene

Concen: 50.546 ng

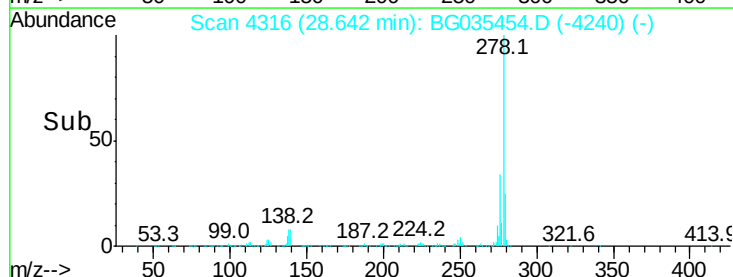
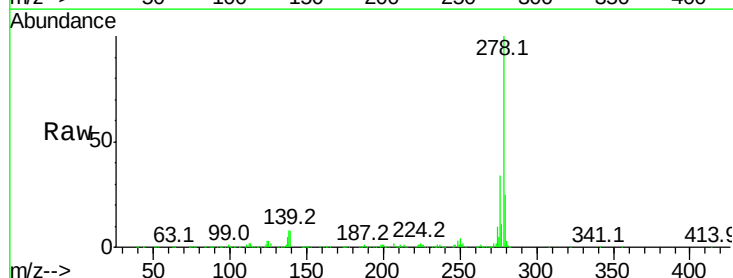
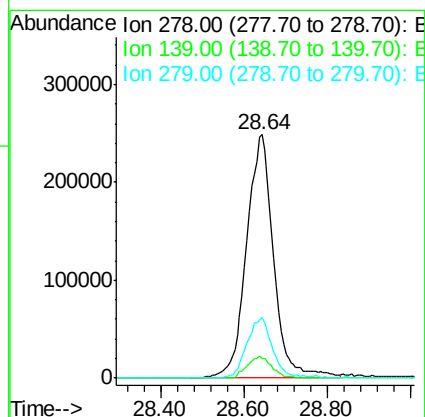
RT: 28.64 min Scan# 4316

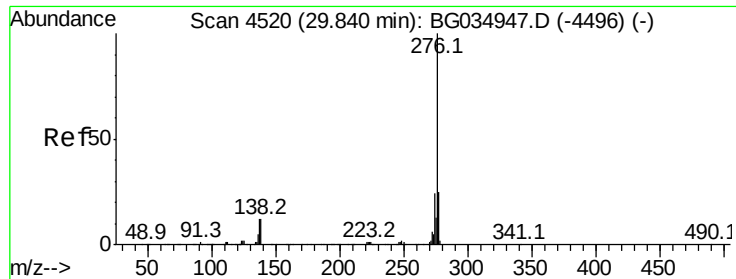
Delta R.T. -0.08 min

Lab File: BG035454.D

Acq: 27 Jun 2018 20:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.3	9.8	14.6#
279	25.0	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 51.912 ng
 RT: 29.73 min Scan# 4501
 Delta R.T. -0.08 min
 Lab File: BG035454.D
 Acq: 27 Jun 2018 20:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-062518MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.3	27.5
138	11.9	13.9	20.9

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