

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
 Data File : BG035338.D
 Acq On : 22 Jun 2018 18:06
 Operator : JU/SJ
 Sample : J3246-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018MSD

Manual Integrations
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 6/25/2018 5:19:10 PM

Quant Time: Jun 22 22:20:13 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	51827	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	183030	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	128530	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	344000	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	369847	20.00	ng	-0.03
86) Perylene-d12	24.91	264	364478	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	448630	146.08	ng	0.00
7) Phenol-d6	7.22	99	610696	134.73	ng	0.00
23) Nitrobenzene-d5	9.22	82	453403	117.75	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	333616	202.76	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	988175	99.95	ng	-0.02
78) Terphenyl-d14	20.03	244	1849434	104.74	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	56512	38.568	ng	# 72
3) Pyridine	3.96	79	151578	38.340	ng	# 69
4) n-Nitrosodimethylamine	3.86	42	68685	40.440	ng	# 75
6) Aniline	7.38	93	144049	24.586	ng	98
8) 2-Chlorophenol	7.62	128	155759	48.386	ng	94
9) Benzaldehyde	7.19	77	85139	24.386	ng	93
10) Phenol	7.25	94	203815	43.450	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	163115	44.802	ng	87
12) 1,3-Dichlorobenzene	7.95	146	179842	46.823	ng	98
13) 1,4-Dichlorobenzene	8.09	146	182461	46.019	ng	93
14) 1,2-Dichlorobenzene	8.41	146	168968	45.370	ng	97
15) Benzyl Alcohol	8.29	79	193844	45.133	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.58	45	171962	47.455	ng	77
17) 2-Methylphenol	8.49	107	153794	49.730	ng	91
18) Hexachloroethane	9.14	117	69109	48.687	ng	84
19) n-Nitroso-di-n-propylamine	8.86	70	150445	39.068	ng	# 84
20) 3+4-Methylphenols	8.82	107	212260	47.884	ng	93
22) Acetophenone	8.87	105	273569	48.251	ng	# 88
24) Nitrobenzene	9.26	77	220480	55.918	ng	93
25) Isophorone	9.78	82	428150	52.666	ng	99
26) 2-Nitrophenol	9.97	139	89056	65.526	ng	# 86
27) 2,4-Dimethylphenol	10.03	122	162238	56.791	ng	93
28) bis(2-Chloroethoxy)methane	10.26	93	222999	51.045	ng	99
29) 2,4-Dichlorophenol	10.50	162	185841	59.787	ng	94
30) 1,2,4-Trichlorobenzene	10.72	180	198512	53.259	ng	96
31) Naphthalene	10.91	128	484339	50.939	ng	98
32) Benzoic acid	10.17	122	98670	51.566	ng	92
33) 4-Chloroaniline	11.02	127	26087	6.319	ng	92
34) Hexachlorobutadiene	11.19	225	155199	53.540	ng	97
35) Caprolactam	11.79	113	37199	32.381	ng	# 60
36) 4-Chloro-3-methylphenol	12.13	107	219372	56.615	ng	93
37) 2-Methylnaphthalene	12.51	142	385132	53.426	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	266263	55.617	ng	97
40) Hexachlorocyclopentadiene	12.86	237	355528	118.423	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	175938	61.374	nq	95
43) 2,4,5-Trichlorophenol	13.19	196	194312	61.757	nq	97
45) 1,1'-Biphenyl	13.52	154	520478	50.360	nq	97
46) 2-Chloronaphthalene	13.56	162	410822	52.575	nq	100
47) 2-Nitroaniline	13.76	65	143384	62.141	nq	90
48) Acenaphthylene	14.40	152	691034	52.741	nq	97
49) Dimethylphthalate	14.13	163	575923	51.384	nq	# 99
50) 2,6-Dinitrotoluene	14.25	165	136896	66.950	nq	# 85
51) Acenaphthene	14.74	154	408602	47.730	nq	99
52) 3-Nitroaniline	14.58	138	62406	31.103	nq	# 94
53) 2,4-Dinitrophenol	14.78	184	169019	204.247	nq	# 65
54) Dibenzofuran	15.08	168	667624	52.071	nq	93
55) 4-Nitrophenol	14.88	139	188841	111.518	nq	# 86
56) 2,4-Dinitrotoluene	15.04	165	196500	72.343	nq	# 87
57) Fluorene	15.72	166	568750	53.079	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	198383	64.904	nq	# 93
59) Diethylphthalate	15.49	149	577147	50.471	nq	96
60) 4-Chlorophenyl-phenylether	15.71	204	321597	52.633	nq	97
61) 4-Nitroaniline	15.75	138	133082	61.847	nq	# 81
62) Azobenzene	16.01	77	568214	50.707	nq	94
64) 4,6-Dinitro-2-methylphenol	15.80	198	118264	75.298	nq	86
65) n-Nitrosodiphenylamine	15.93	169	514252	49.779	nq	97
66) 4-Bromophenyl-phenylether	16.61	248	233004	56.246	nq	98
67) Hexachlorobenzene	16.73	284	232542	55.151	nq	93
68) Atrazine	16.88	200	237712	53.958	nq	98
69) Pentachlorophenol	17.07	266	293673	103.578	nq	97
70) Phenanthrene	17.46	178	921768	52.749	nq	98
71) Anthracene	17.56	178	951829	54.378	nq	98
72) Carbazole	17.82	167	882144	54.316	nq	97
73) Di-n-butylphthalate	18.38	149	972148	50.221	nq	# 98
74) Fluoranthene	19.47	202	1250910	55.012	nq	96
76) Benzidine	19.65	184	98949m	7.191	nq	
77) Pyrene	19.83	202	1232596	50.554	nq	97
79) Butylbenzylphthalate	20.71	149	448625	50.672	nq	# 96
80) Benzo(a)anthracene	21.67	228	1262149	53.403	nq	99
81) 3,3'-Dichlorobenzidine	21.58	252	285281	32.084	nq	# 97
82) Chrysene	21.74	228	1170967	54.113	nq	97
83) Bis(2-ethylhexyl)phthalate	21.57	149	624092	49.887	nq	98
84) Di-n-octyl phthalate	22.79	149	1057209	49.259	nq	# 92
85) Indeno(1,2,3-cd)pyrene	28.58	276	1411627	55.700	nq	# 86
87) Benzo(b)fluoranthene	23.89	252	1230409	54.818	nq	# 97
88) Benzo(k)fluoranthene	23.96	252	1196669	54.502	nq	# 97
89) Benzo(a)pyrene	24.76	252	1200349	56.833	nq	# 97
90) Dibenzo(a,h)anthracene	28.64	278	1141222	54.736	nq	# 96
91) Benzo(g,h,i)perylene	29.73	276	1168169	57.251	nq	# 92

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

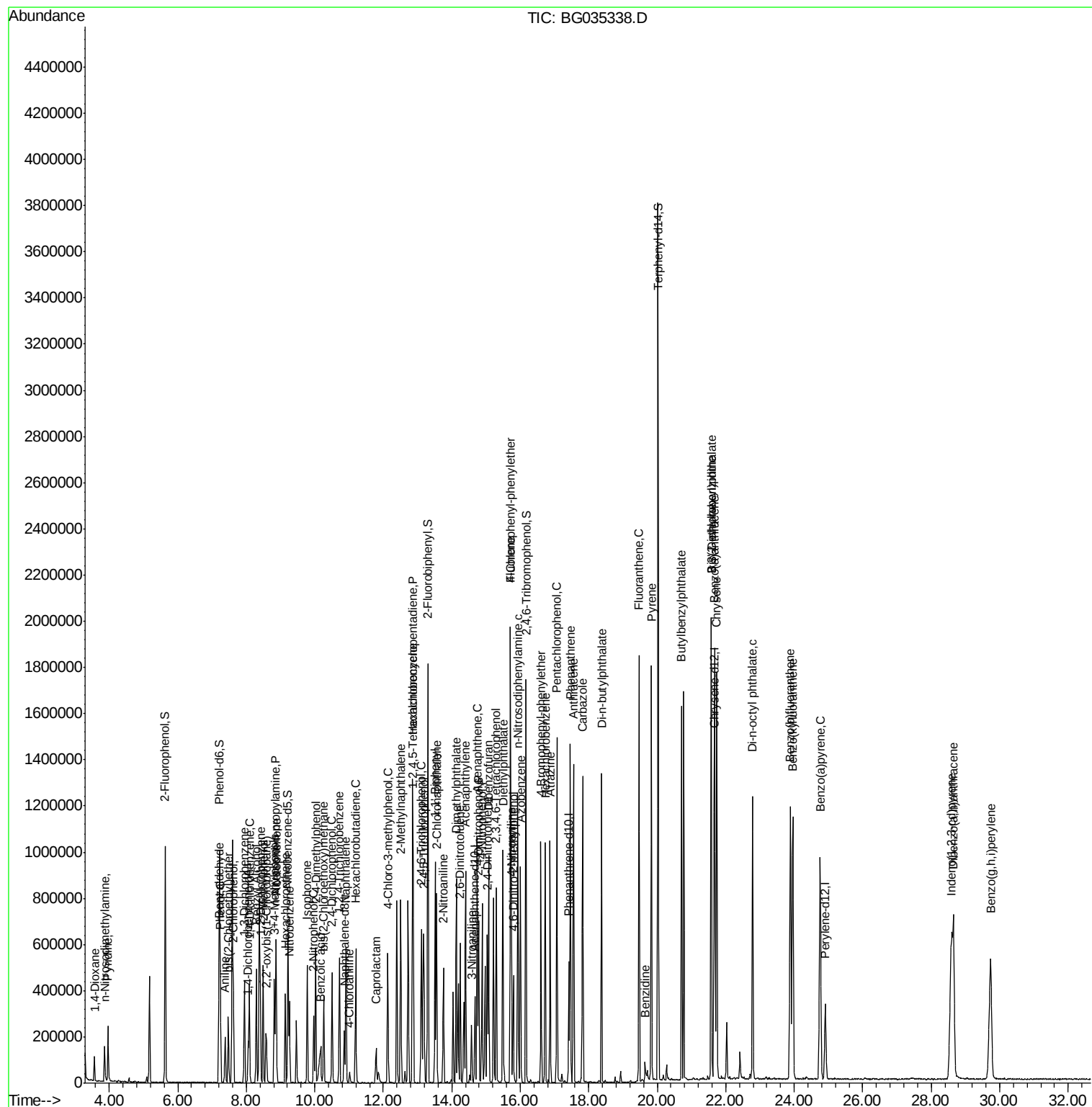
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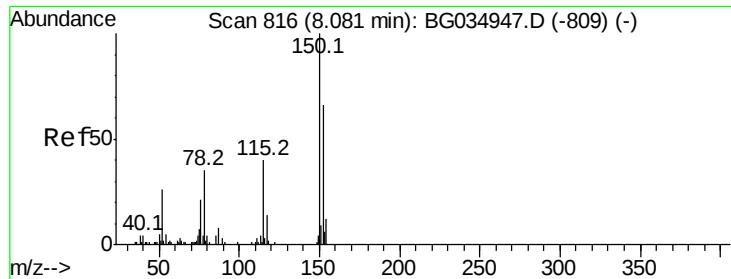
Instrument :
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 ClientSampleId :
 OK-01-062018MSD

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#1

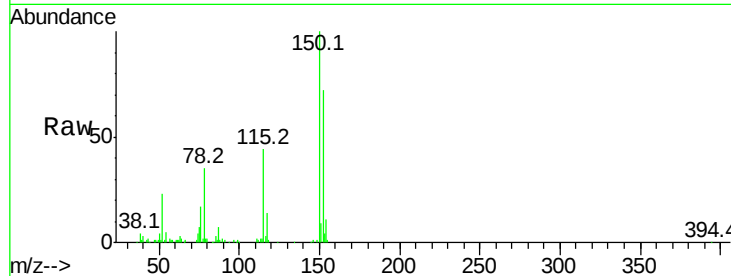
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
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OK-01-062018MSD

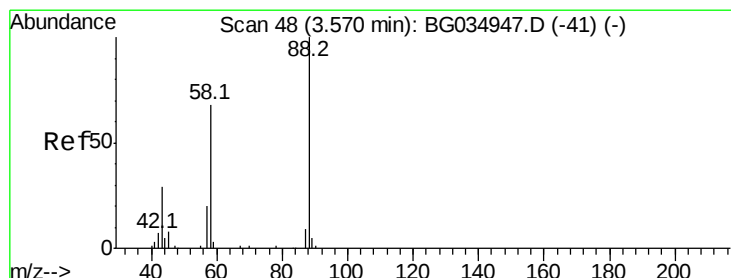
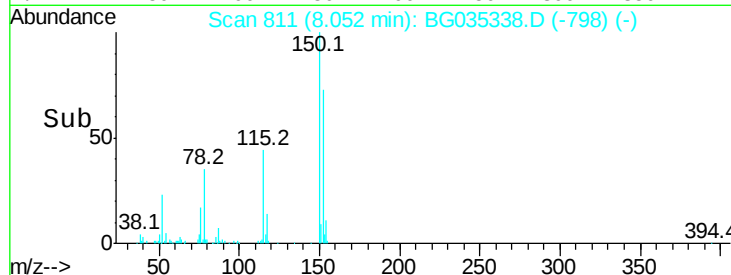
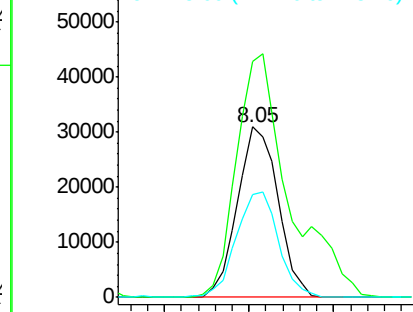
Tot Ion	Ratio	Lower	Upper
152	100		
150	138.7	126.6	189.8
115	60.7	53.0	79.4

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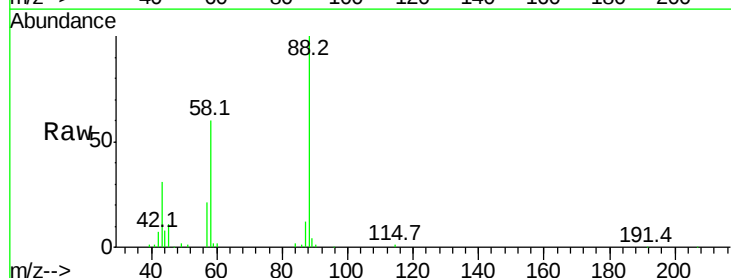
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



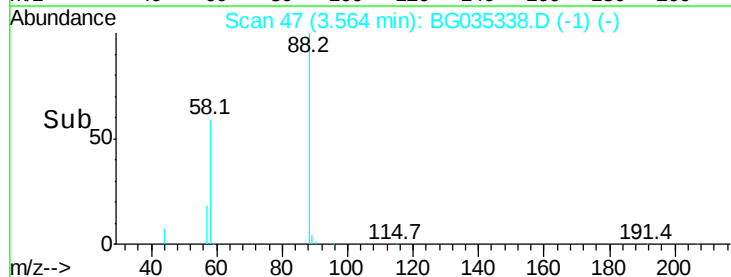
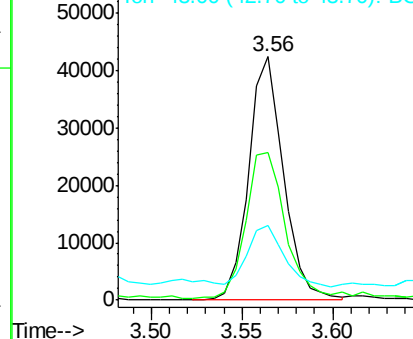
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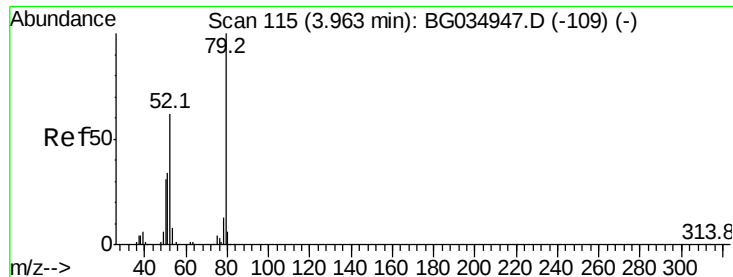
1,4-Dioxane
Concen: 38.568 ng
RT: 3.56 min Scan# 47
Delta R.T. -0.00 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.7	79.6	119.4#
43	26.5	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: 38.340 ng

RT: 3.96 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

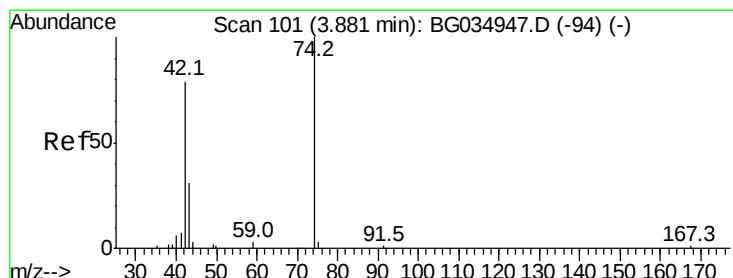
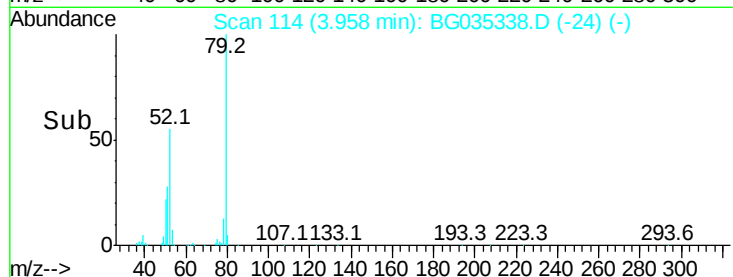
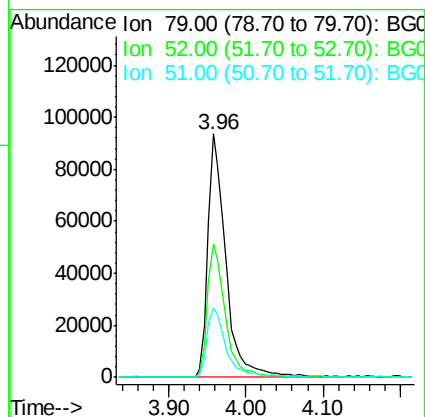
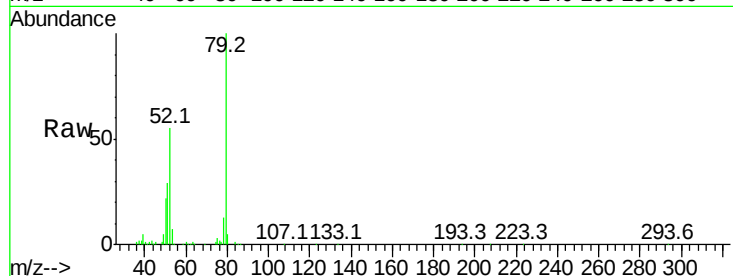
ClientSampleId :

OK-01-062018MSD

Tot Ion:	79	Resp:	151578
Ion Ratio	Lower	Upper	
79	100		
52	55.1	69.9	104.9#
51	28.7	34.0	51.0#

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#4

n-Nitrosodimethylamine

Concen: 40.440 ng

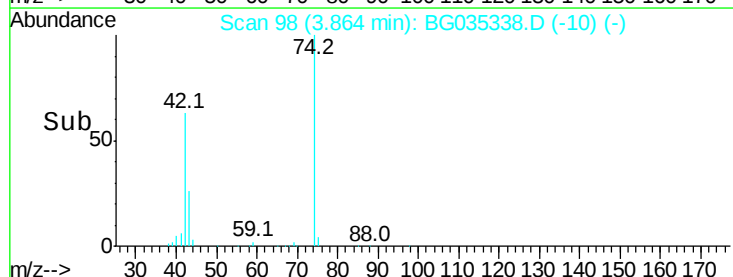
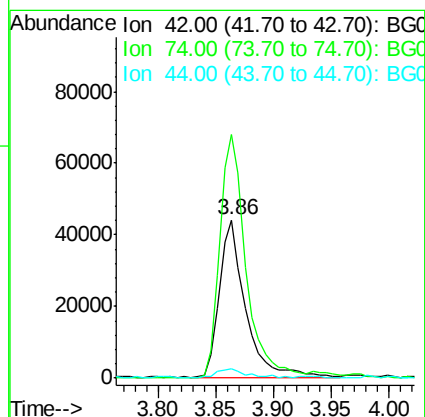
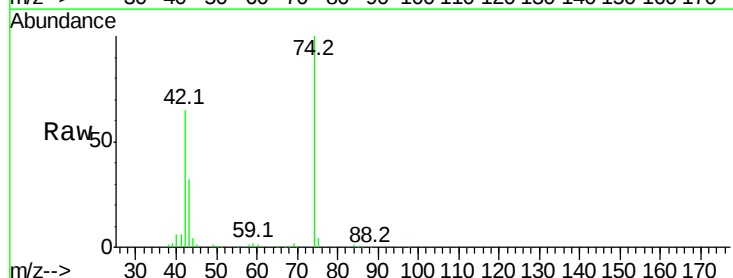
RT: 3.86 min Scan# 98

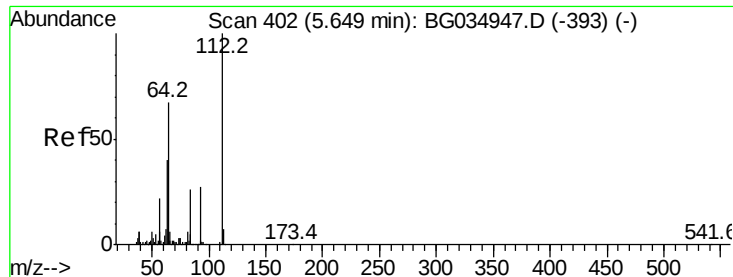
Delta R.T. -0.01 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Tgt Ion:	42	Resp:	68685
Ion Ratio	Lower	Upper	
42	100		
74	154.0	102.5	153.7#
44	5.7	18.9	28.3#





#5

2-Fluorophenol

Concen: 146.084 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

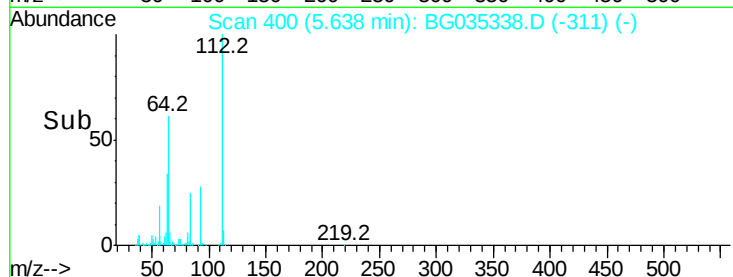
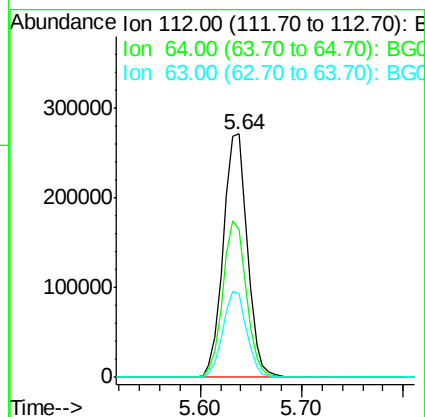
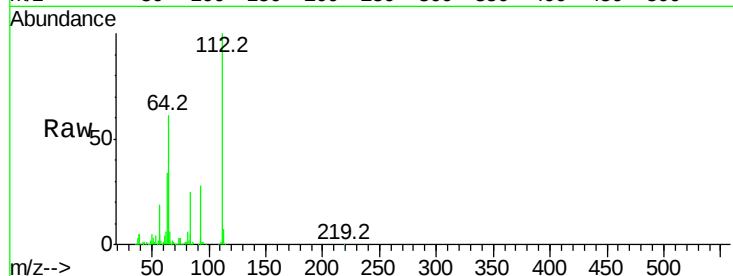
ClientSampleId :

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Tot Ion:	112	Resp:	448630
Ion Ratio	Lower	Upper	
112	100		
64	60.7	56.3	84.5
63	34.2	30.1	45.1

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#6

Aniline

Concen: 24.586 ng

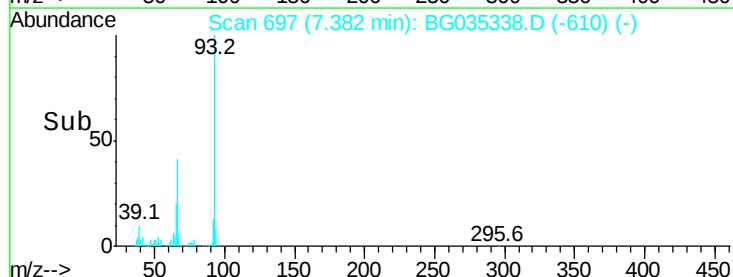
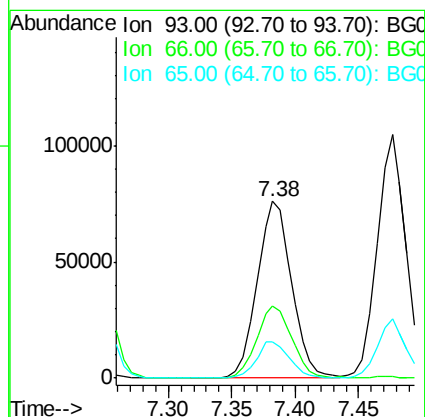
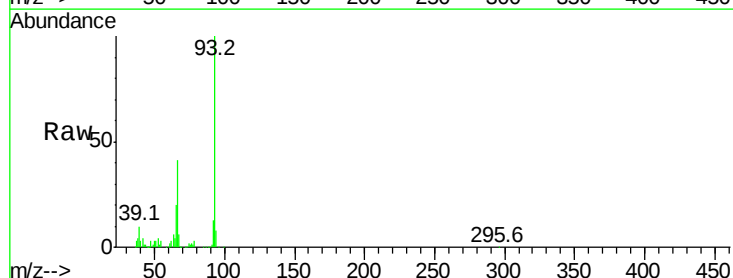
RT: 7.38 min Scan# 697

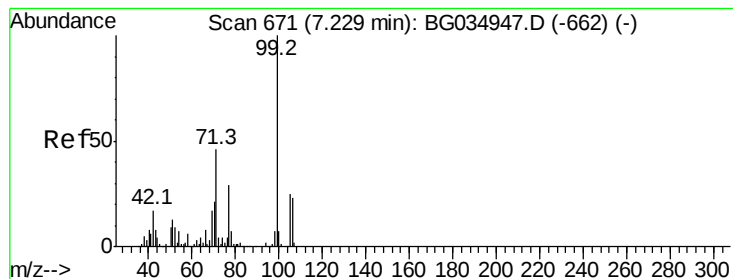
Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Tgt Ion:	93	Resp:	144049
Ion Ratio	Lower	Upper	
93	100		
66	40.7	33.7	50.5
65	20.2	16.1	24.1





#7

Phenol-d6

Concen: 134.732 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

ClientSampleId :

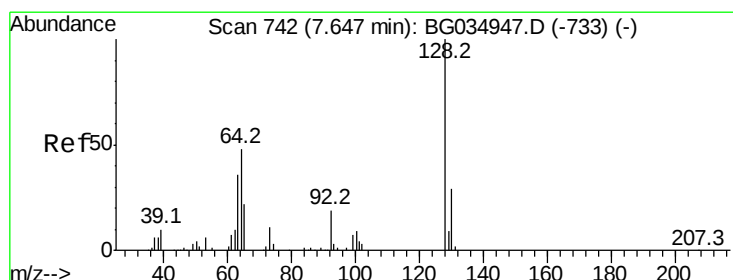
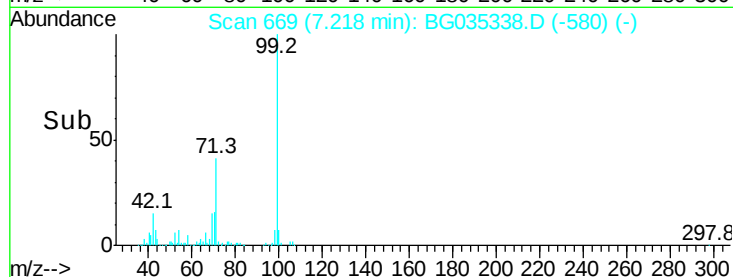
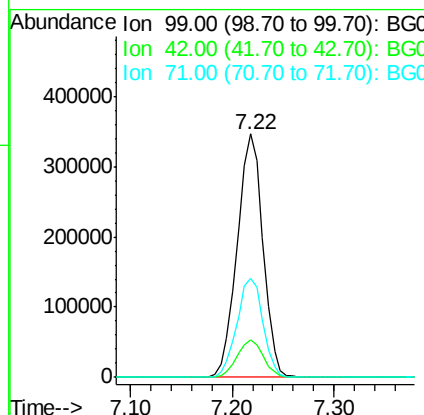
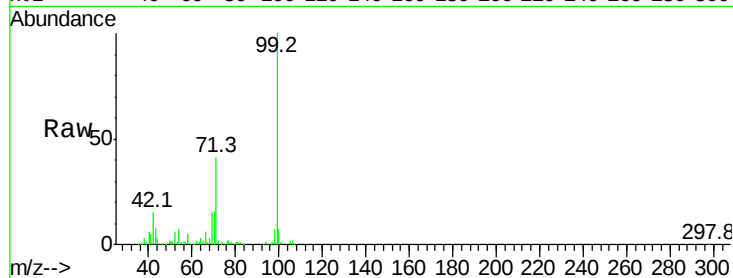
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Tot Ion: 99 Resp: 610696

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.1	21.1
71	40.5	26.1	39.1#

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#8

2-Chlorophenol

Concen: 48.386 ng

RT: 7.62 min Scan# 738

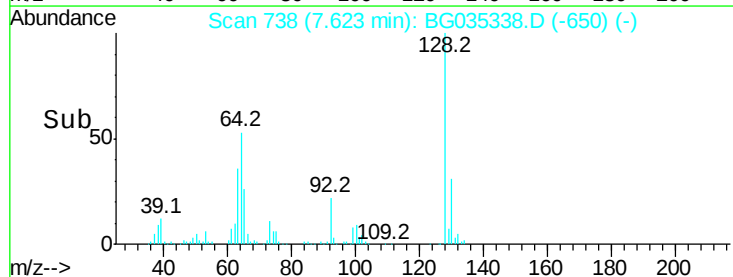
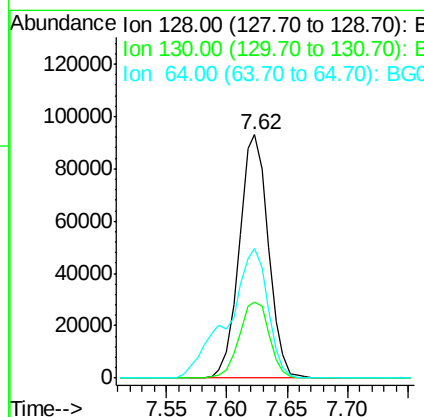
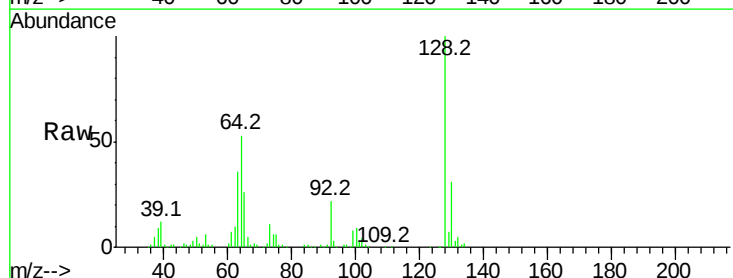
Delta R.T. -0.01 min

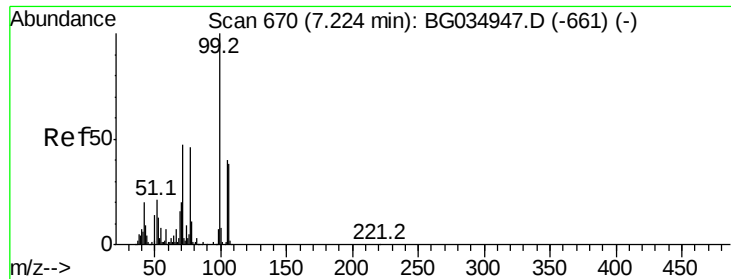
Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Tgt Ion: 128 Resp: 155759

Ion	Ratio	Lower	Upper
128	100		
130	31.3	14.0	54.0
64	53.2	37.7	77.7





#9

Benzaldehyde

Concen: 24.386 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

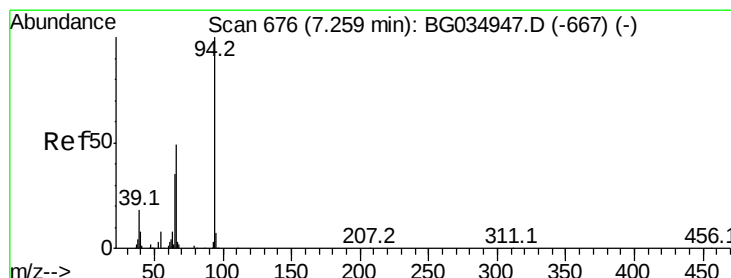
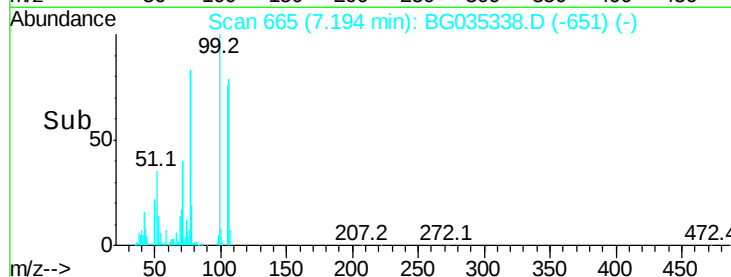
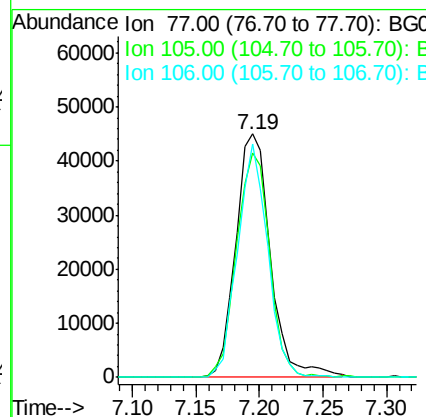
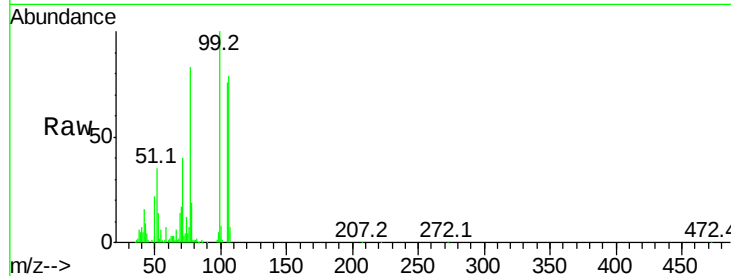
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Tot Ion:	77	Resp:	85139
Ion Ratio	Lower	Upper	
77	100		
105	92.2	71.3	111.3
106	95.9	64.2	104.2

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#10

Phenol

Concen: 43.450 ng

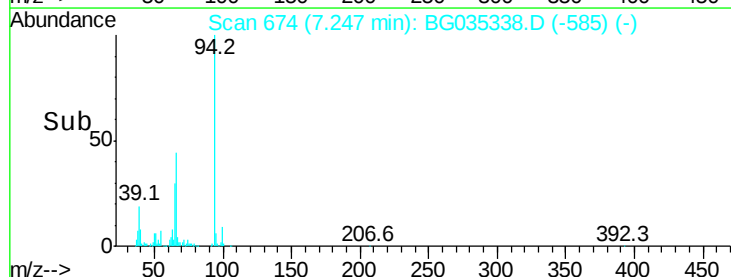
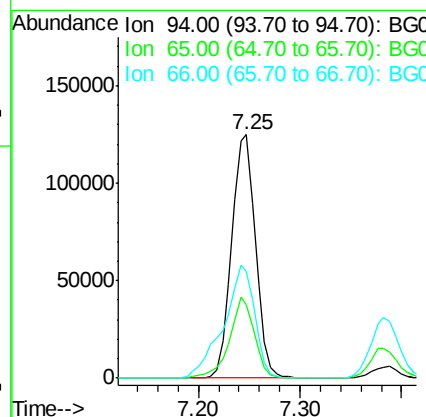
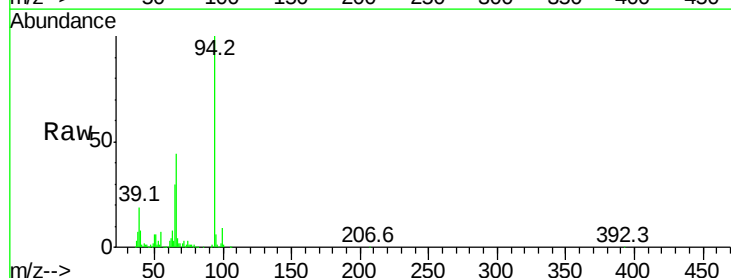
RT: 7.25 min Scan# 674

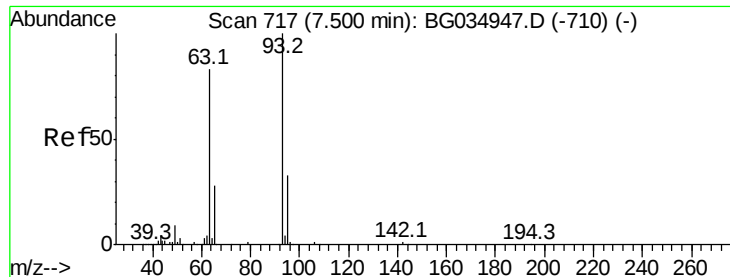
Delta R.T. -0.01 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Tgt Ion:	94	Resp:	203815
Ion Ratio	Lower	Upper	
94	100		
65	29.9	11.9	51.9
66	43.9	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 44.802 ng

RT: 7.48 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

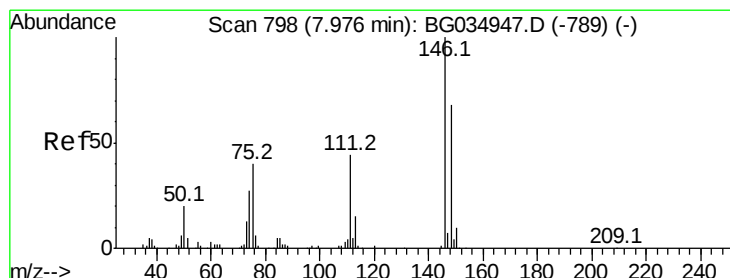
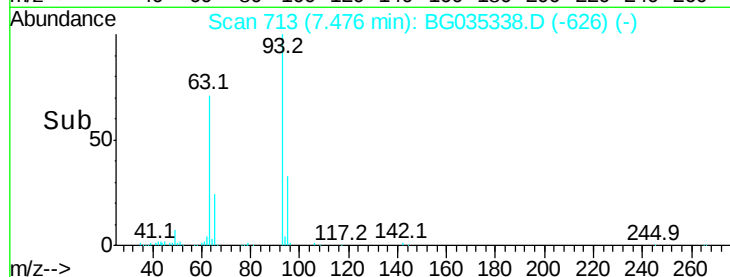
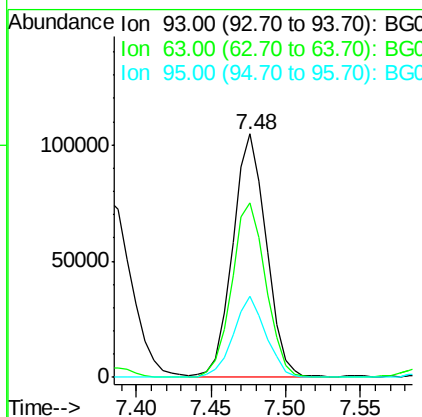
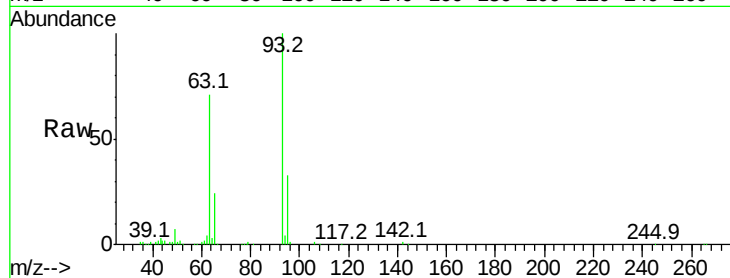
ClientSampleId :

OK-01-062018MSD

Tot Ion:	93	Resp:	163115
Ion Ratio	Lower	Upper	
93	100		
63	71.4	67.1	107.1
95	33.2	11.5	51.5

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 46.823 ng

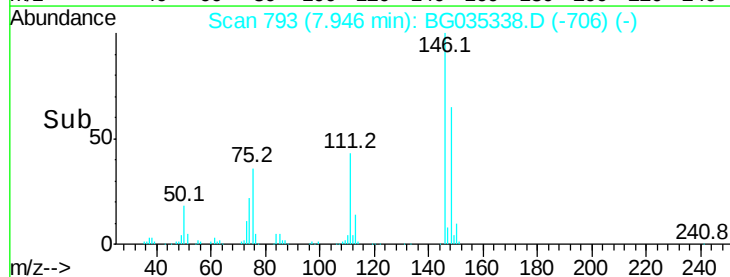
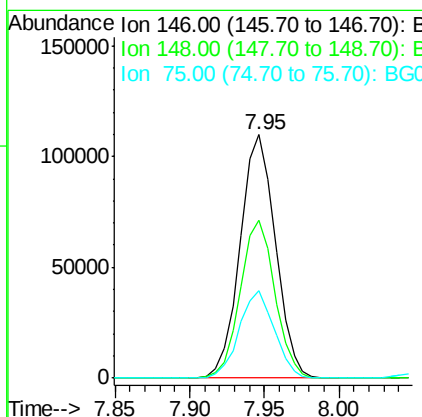
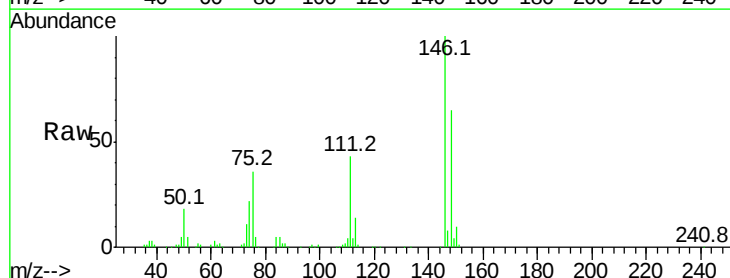
RT: 7.95 min Scan# 793

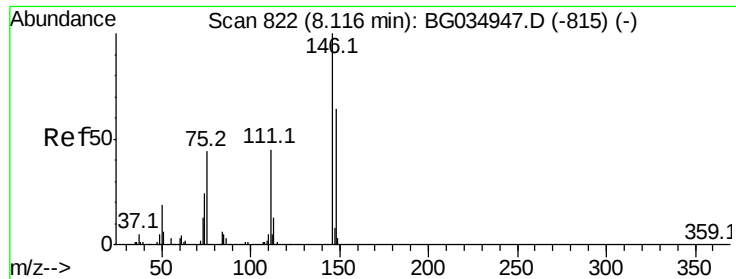
Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Tgt Ion:	146	Resp:	179842
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.4	77.2
75	35.9	26.6	39.8





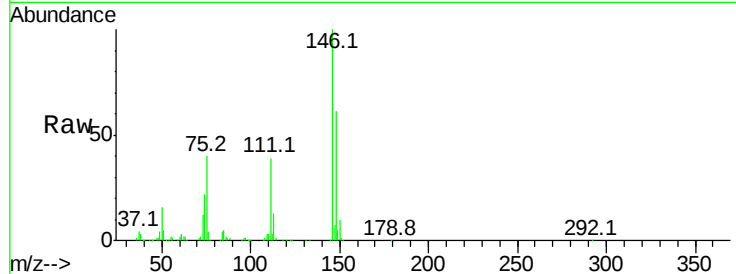
#13
1,4-Dichlorobenzene
Concen: 46.019 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Tot Ion	Ratio	Resp Lower	Upper
146	100		
148	61.0	53.7	80.5
111	39.4	35.2	52.8

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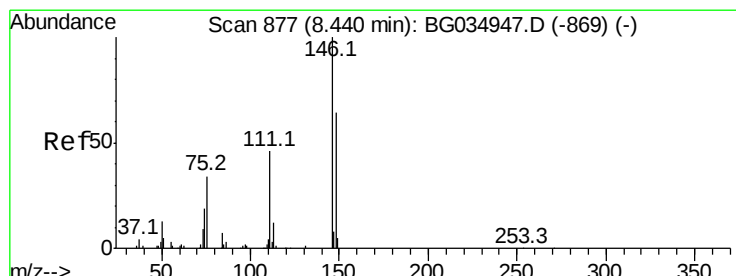
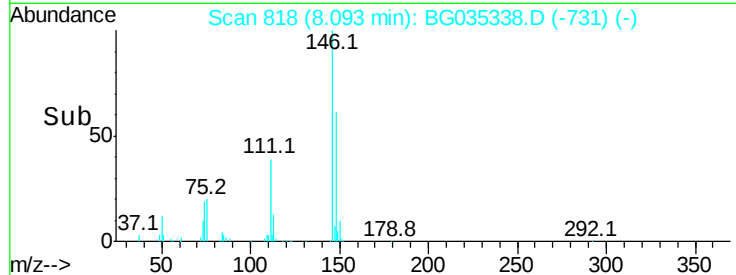
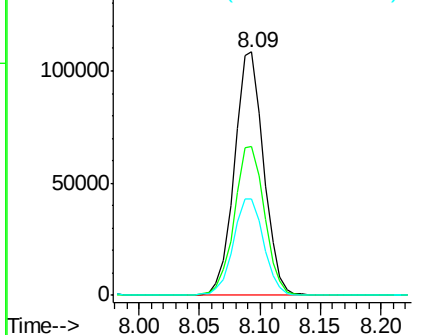


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 45.370 ng
RT: 8.41 min Scan# 872
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

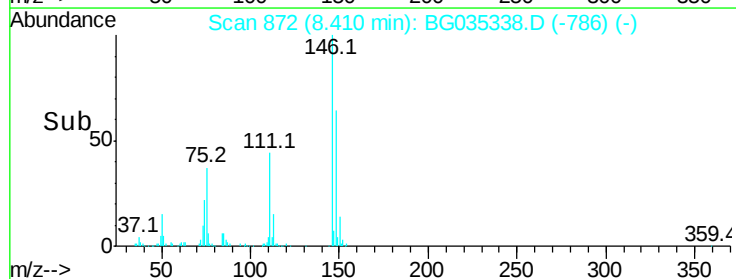
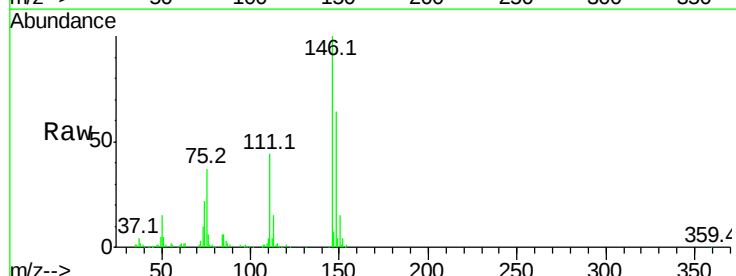
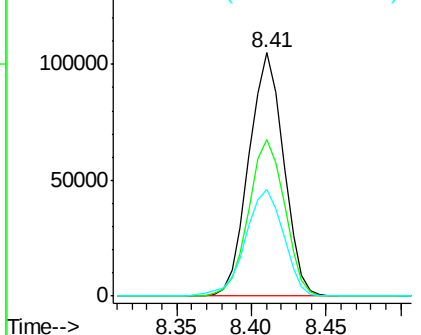
Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.3	49.3	73.9
111	44.0	34.3	51.5

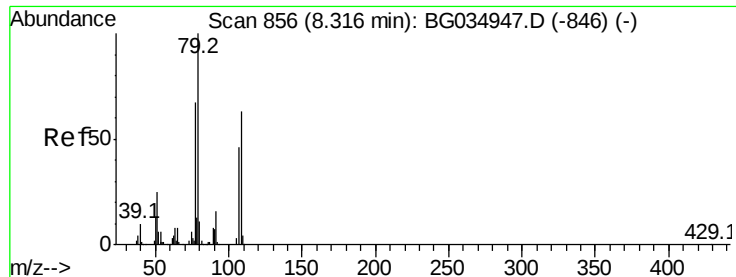
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.133 ng

RT: 8.29 min Scan# 852

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

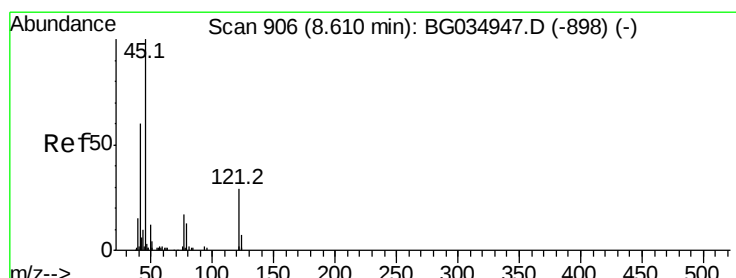
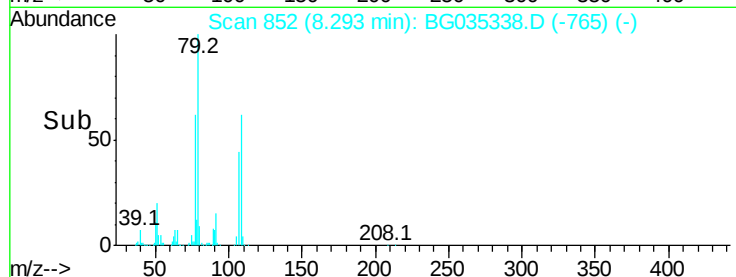
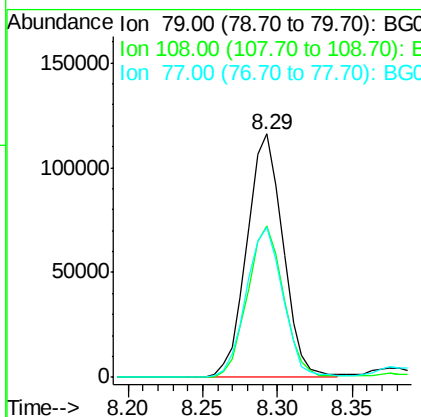
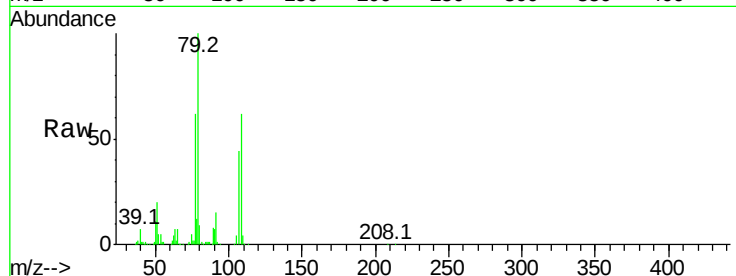
ClientSampleId :

OK-01-062018MSD

Tot Ion:	79	Resp:	193844
Ion Ratio	Lower	Upper	
79	100		
108	62.2	57.2	85.8
77	61.9	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.455 ng

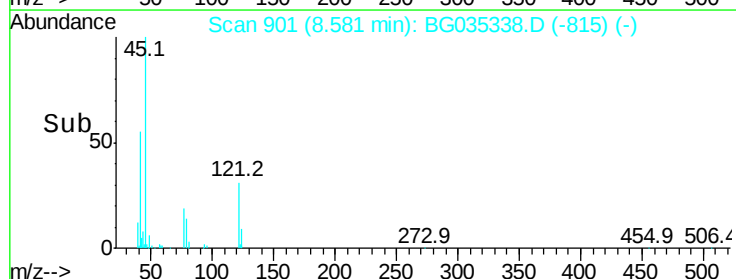
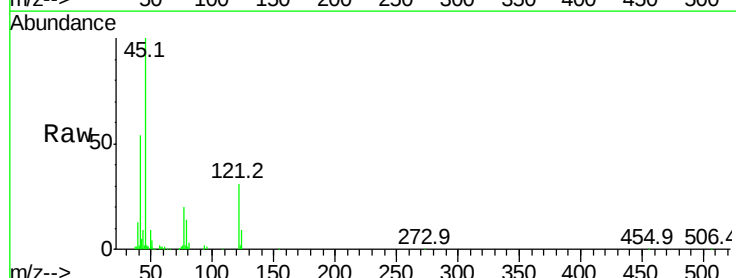
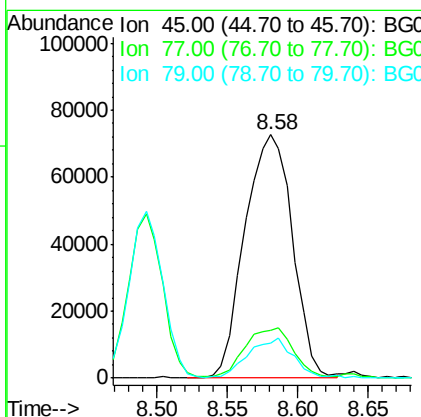
RT: 8.58 min Scan# 901

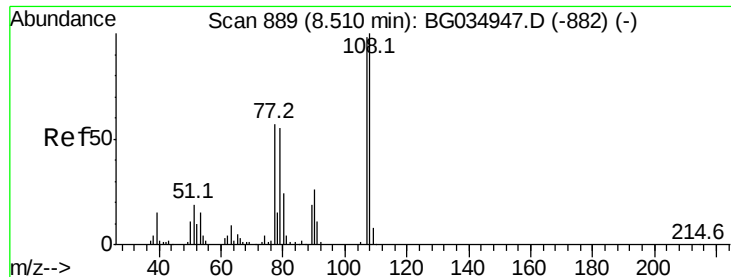
Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Tgt Ion:	45	Resp:	171962
Ion Ratio	Lower	Upper	
45	100		
77	19.7	0.0	30.2
79	14.4	0.0	27.9





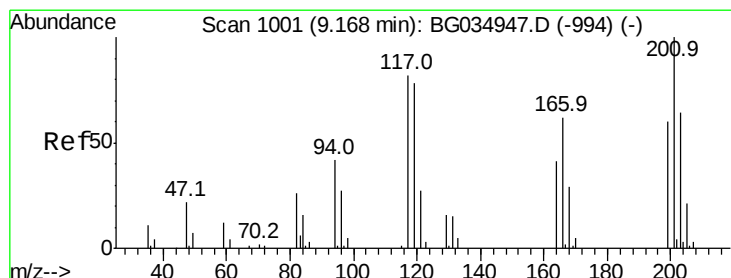
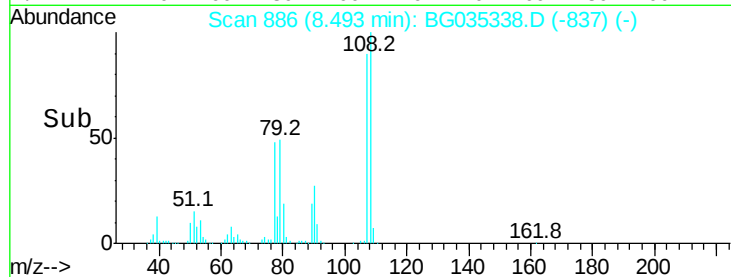
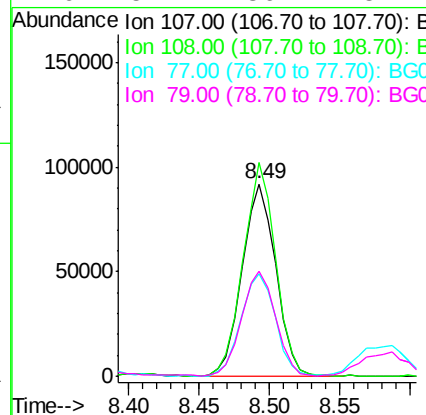
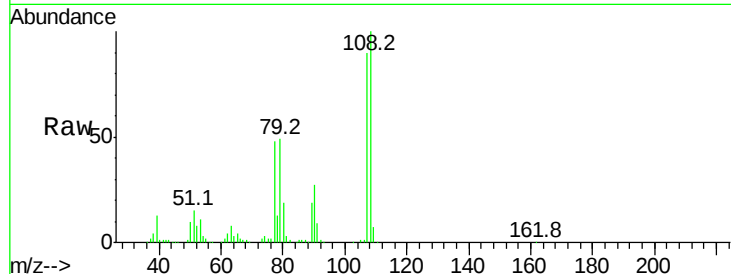
#17
2-Methylphenol
Concen: 49.730 ng
RT: 8.49 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Tot Ion	107	Resp	153794
Ion Ratio	Lower	Upper	
107	100		
108	110.9	83.9	125.9
77	53.3	37.2	55.8
79	54.2	36.2	54.2

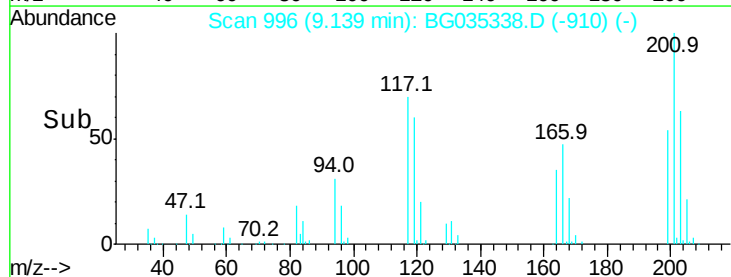
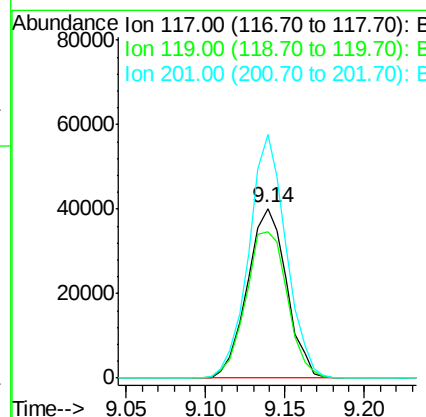
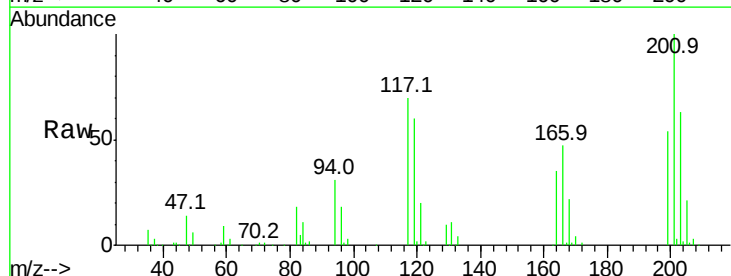
Manual Integrations
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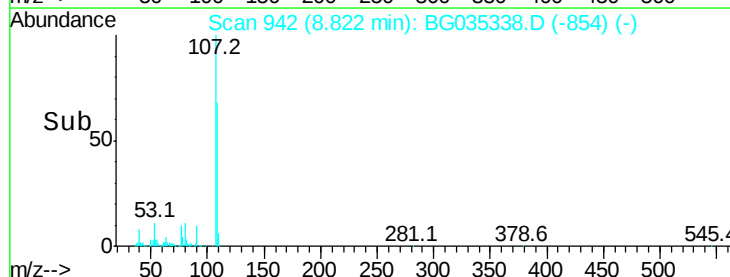
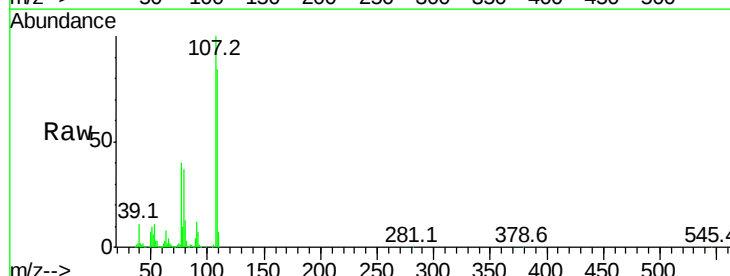
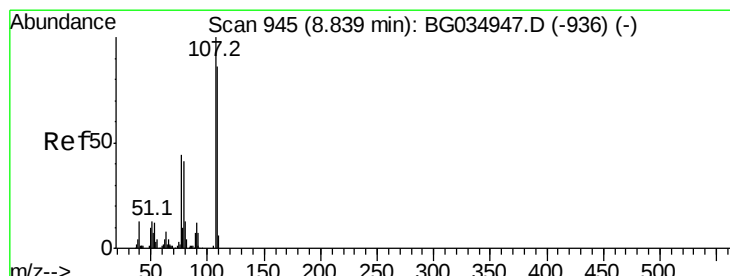
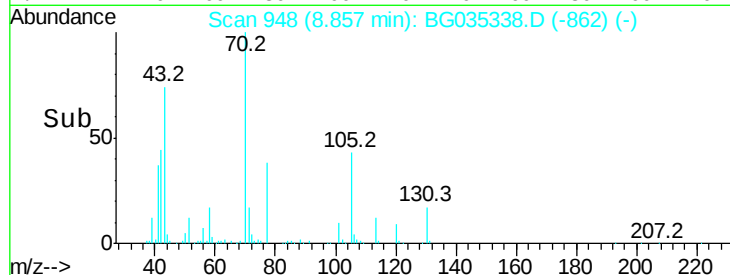
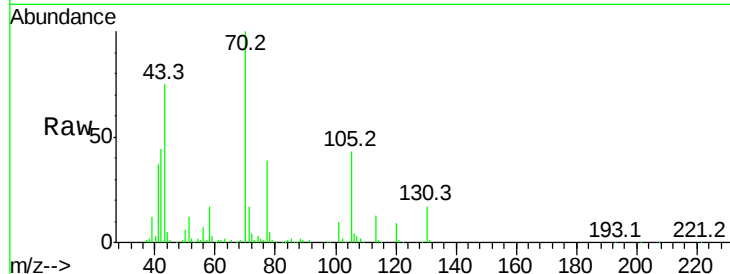
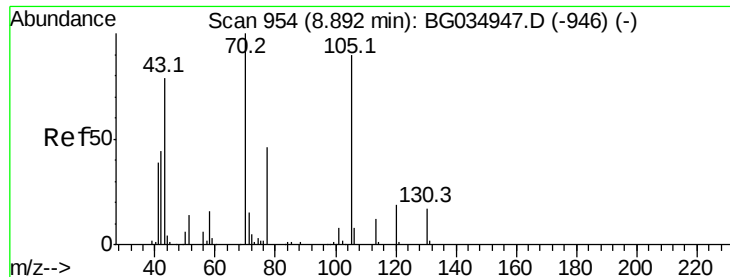
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#18
Hexachloroethane
Concen: 48.687 ng
RT: 9.14 min Scan# 996
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

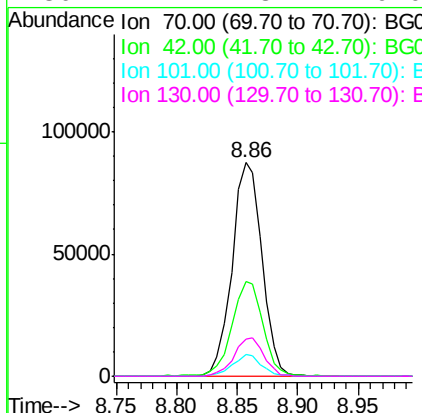
Tgt Ion	117	Resp	69109
Ion Ratio	Lower	Upper	
117	100		
119	85.9	76.7	115.1
201	143.3	95.7	143.5





#19
n-Nitroso-di-n-propylamine
Concen: 39.068 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.4	49.1	73.7#
101	10.2	8.5	12.7
130	17.4	13.4	20.0



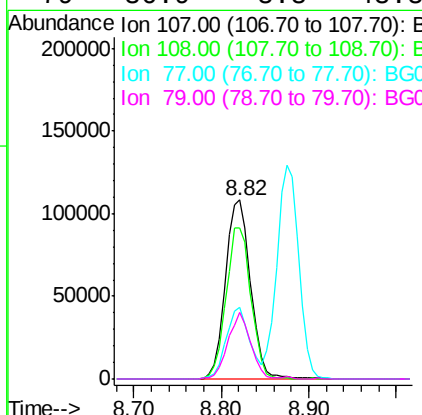
Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

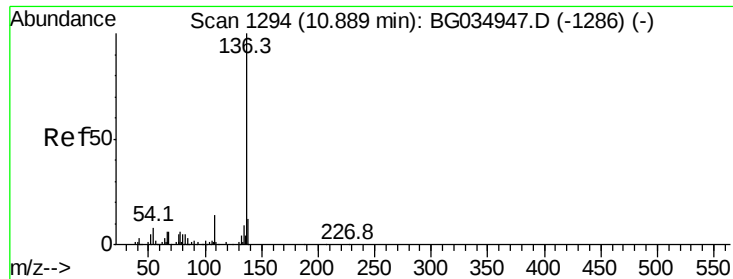
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#20
3+4-Methylphenols
Concen: 47.884 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.3	61.6	101.6
77	40.3	13.9	53.9
79	36.9	8.8	48.8





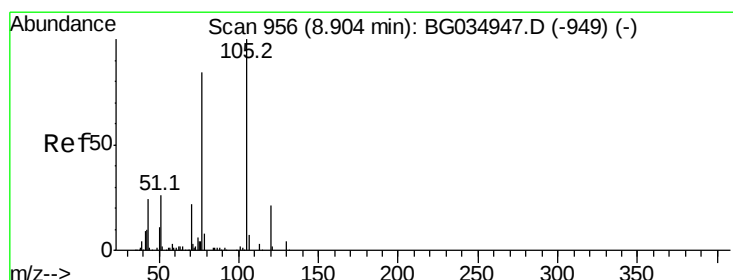
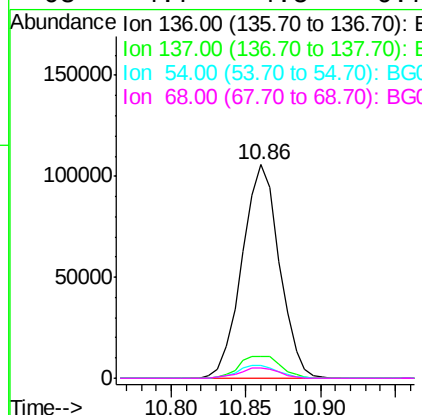
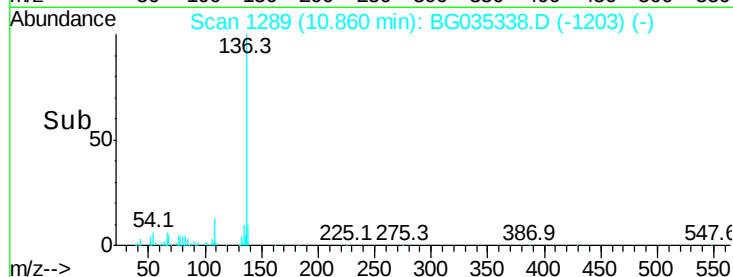
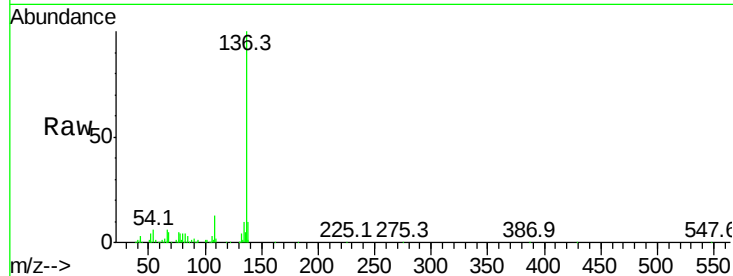
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.1	9.2	13.8	
54	5.9	10.3	15.5	
68	4.7	4.5	6.7	

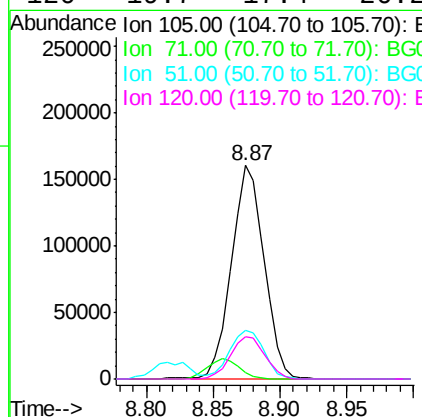
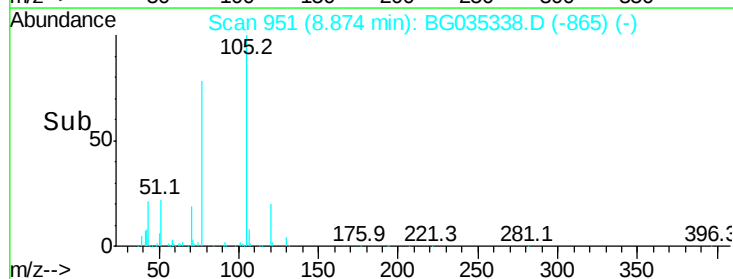
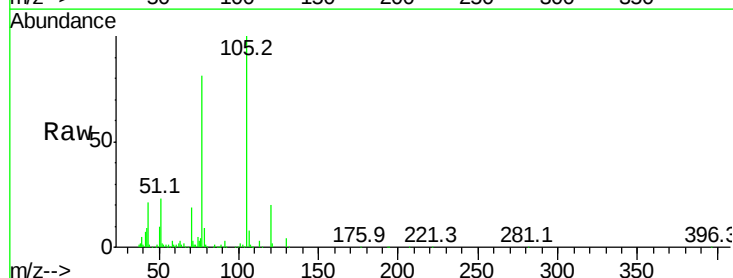
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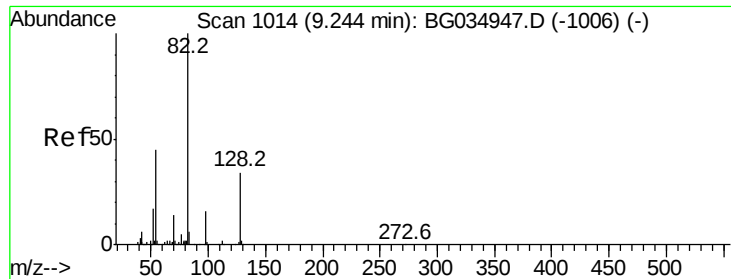
Sohil
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#22
Acetophenone
Concen: 48.251 ng
RT: 8.87 min Scan# 951
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.9	3.0	4.4	
51	22.7	26.1	39.1	
120	19.7	17.4	26.2	





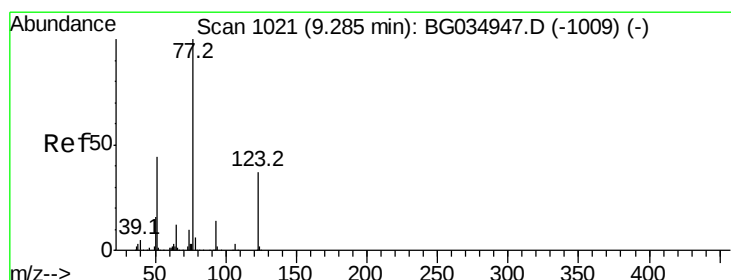
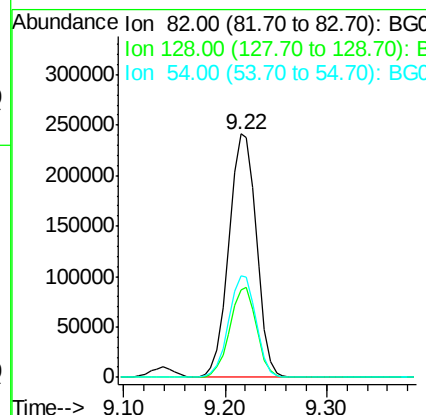
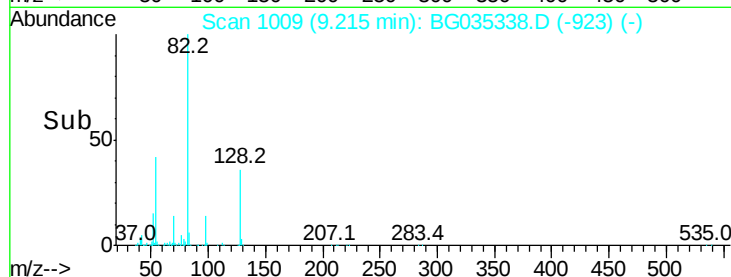
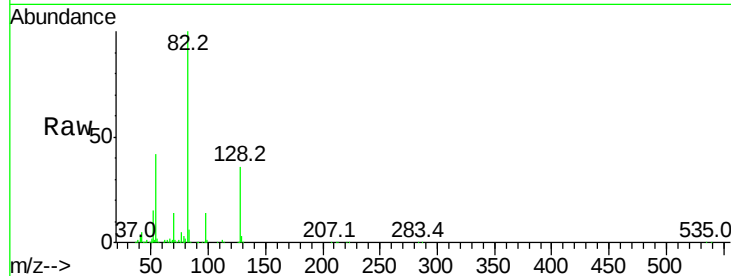
#23
 Nitrobenzene-d5
 Concen: 117.752 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.7	44.5
54	41.9	43.1	64.7#

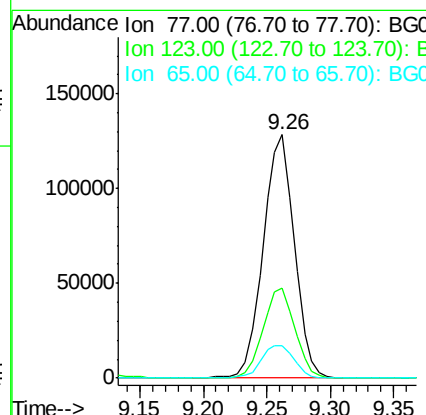
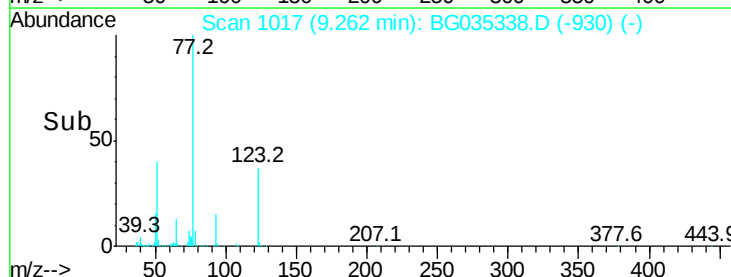
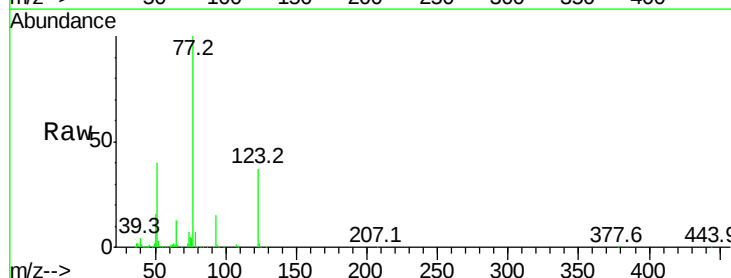
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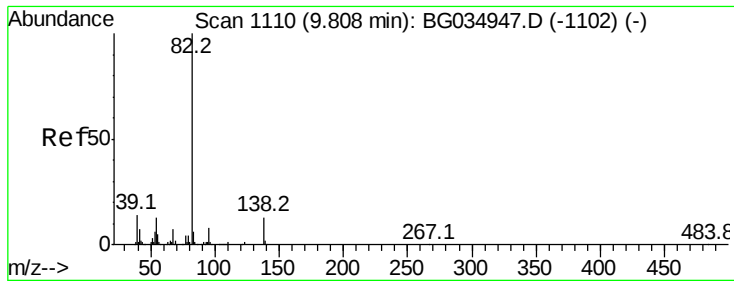
Sohil
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#24
 Nitrobenzene
 Concen: 55.918 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.1	33.0	49.6
65	13.5	13.0	19.6





#25

Isophorone

Concen: 52.666 ng

RT: 9.78 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

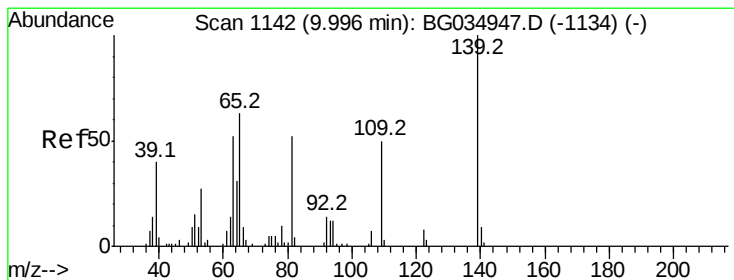
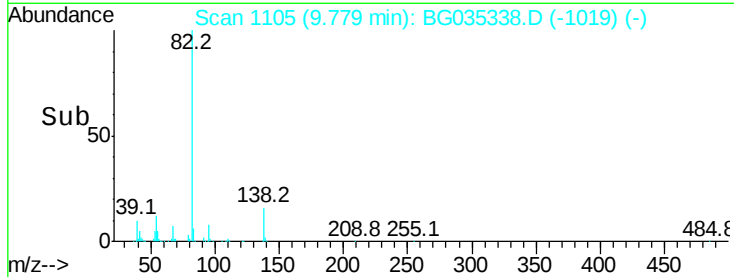
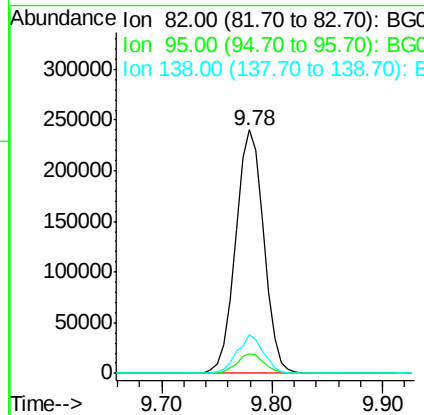
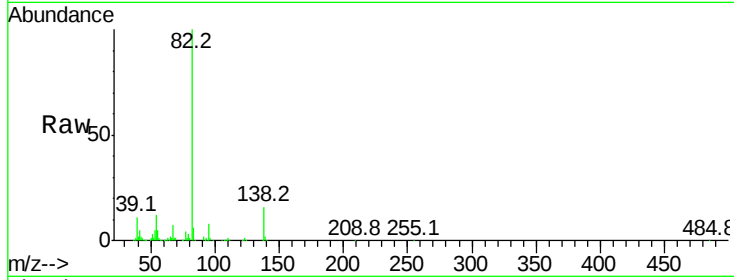
ClientSampleId :

OK-01-062018MSD

Tot Ion:	82	Resp:	428150
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.2	9.2
138	15.7	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 65.526 ng

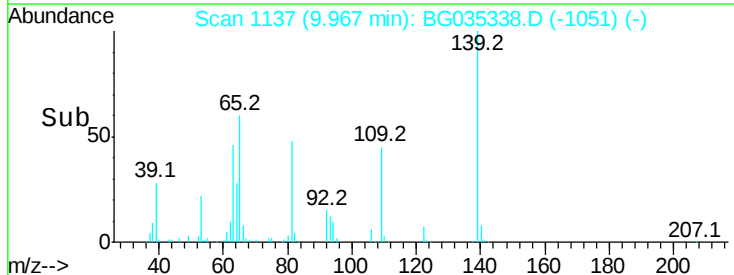
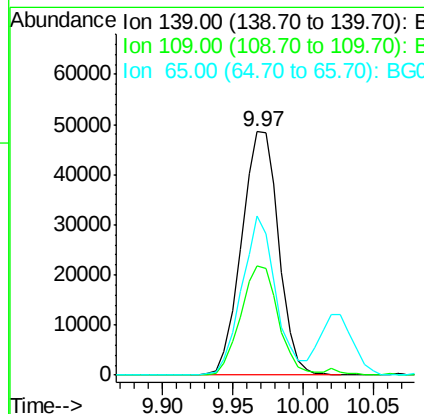
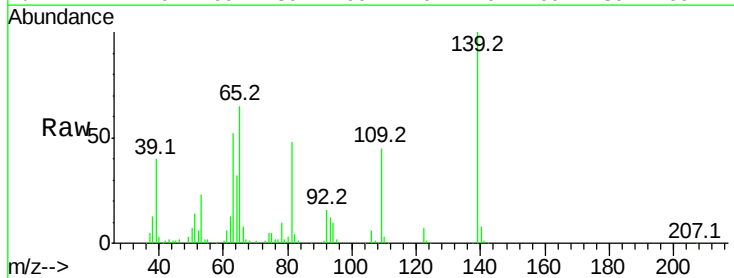
RT: 9.97 min Scan# 1137

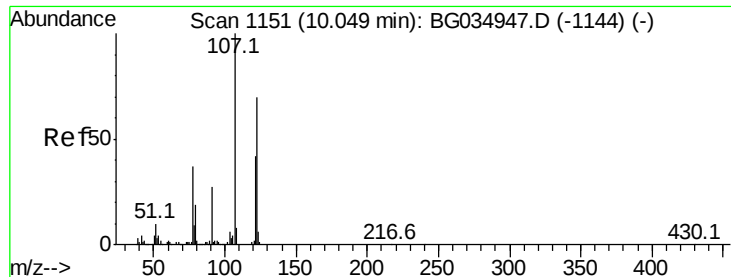
Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Tgt Ion:	139	Resp:	89056
Ion Ratio	Lower	Upper	
139	100		
109	45.1	24.2	36.2#
65	65.1	47.4	71.0





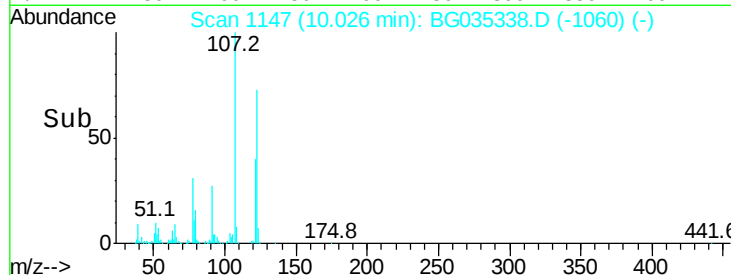
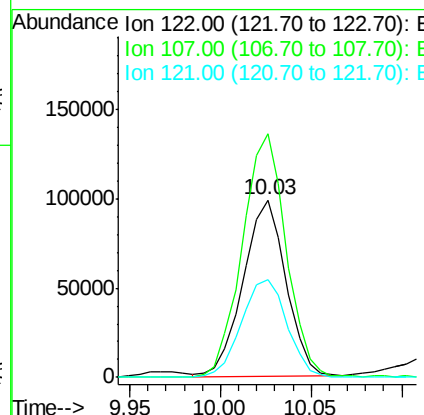
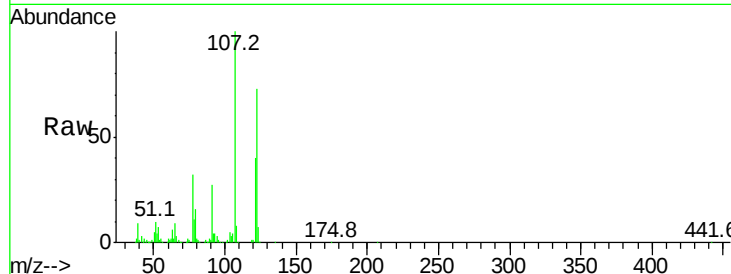
#27
2,4-Dimethylphenol
Concen: 56.791 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	137.2	100.2	150.2
121	55.1	44.4	66.6

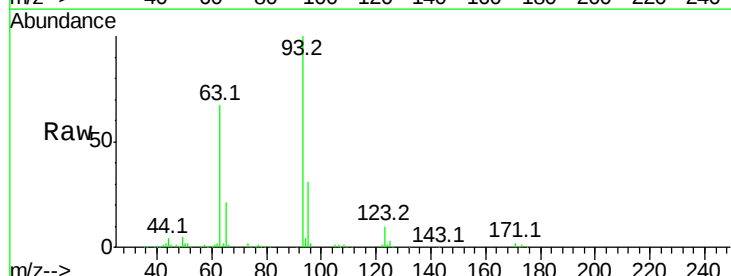
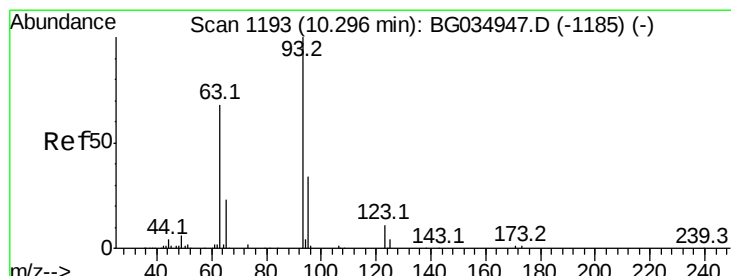
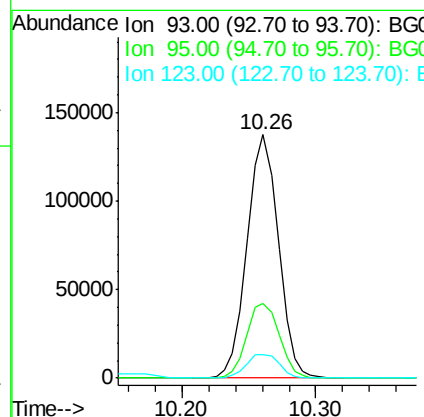
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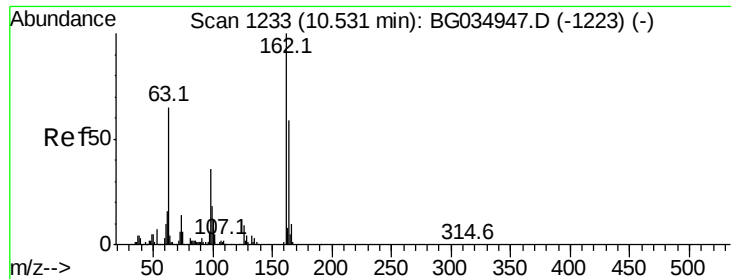
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 51.045 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.6	24.3	36.5
123	9.9	8.4	12.6





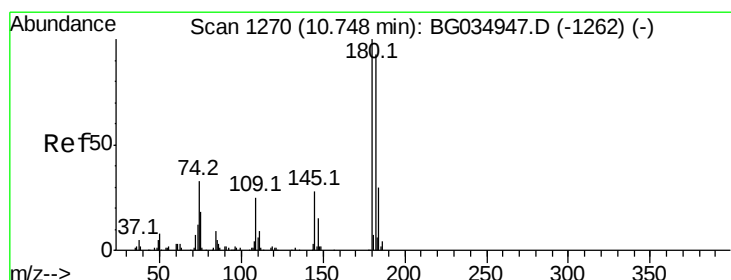
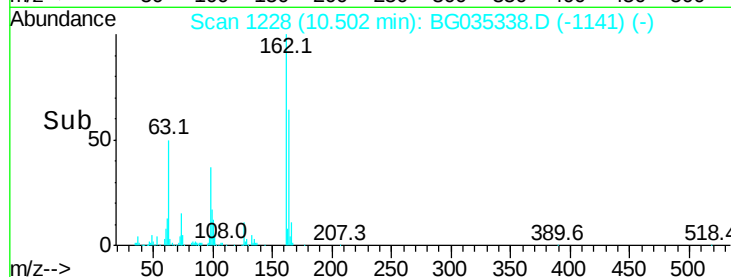
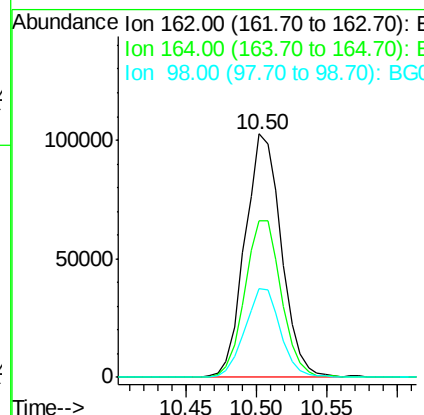
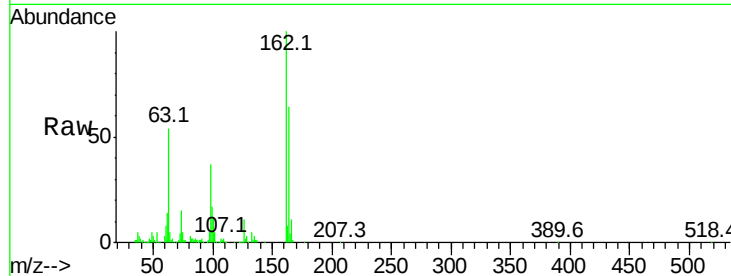
#29
2,4-Dichlorophenol
Concen: 59.787 ng
RT: 10.50 min Scan# 1228
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.3	48.0	88.0
98	36.6	21.1	61.1

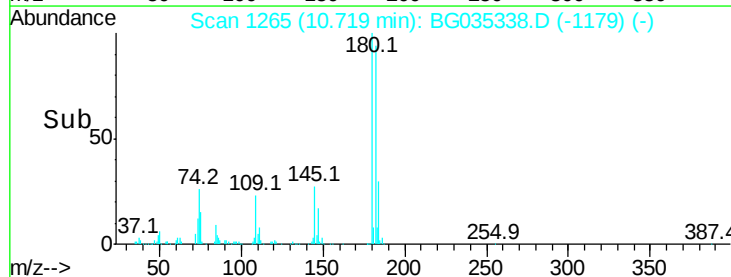
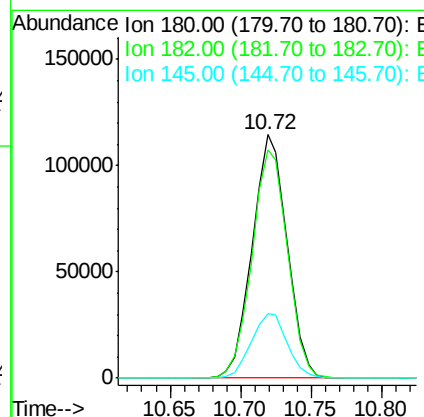
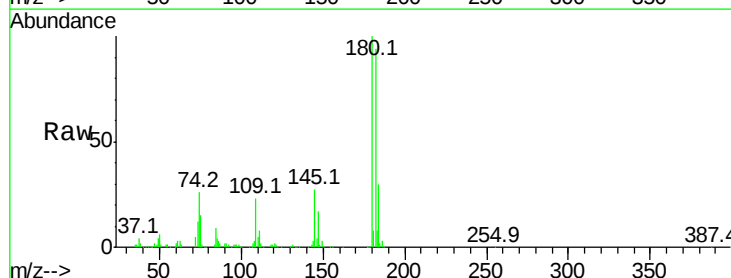
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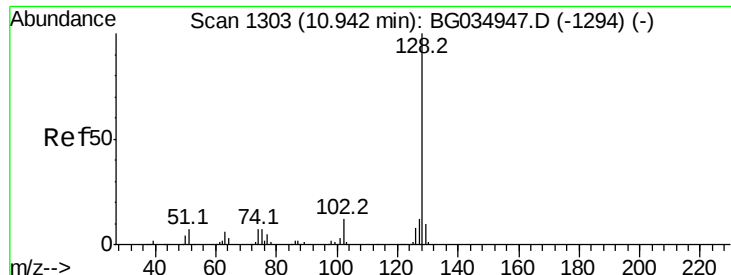
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#30
1,2,4-Trichlorobenzene
Concen: 53.259 ng
RT: 10.72 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.9	77.5	116.3
145	26.5	23.4	35.2





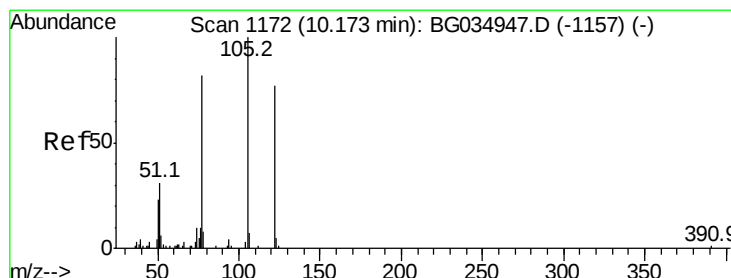
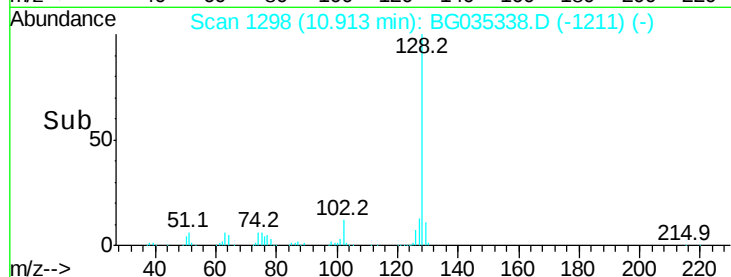
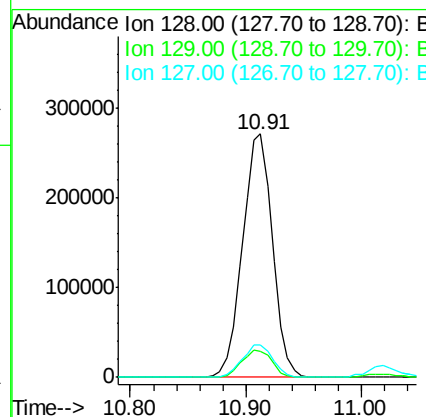
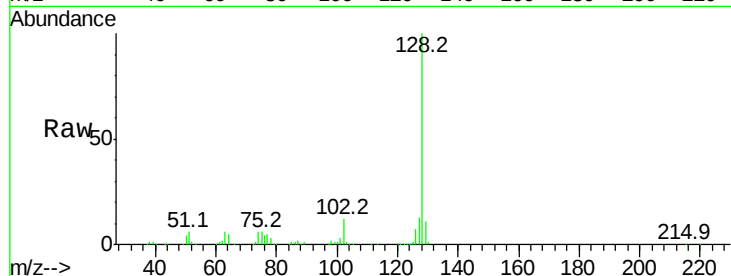
#31
Naphthalene
Concen: 50.939 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.1	11.6	17.4

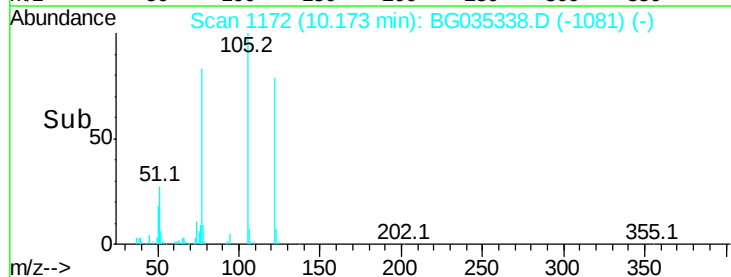
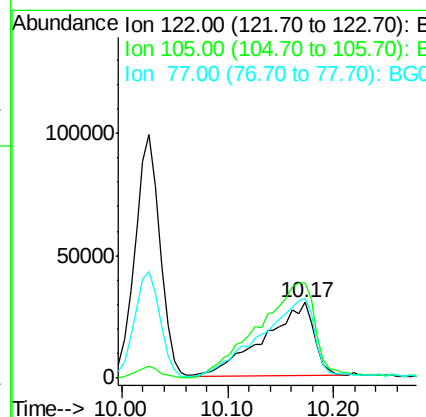
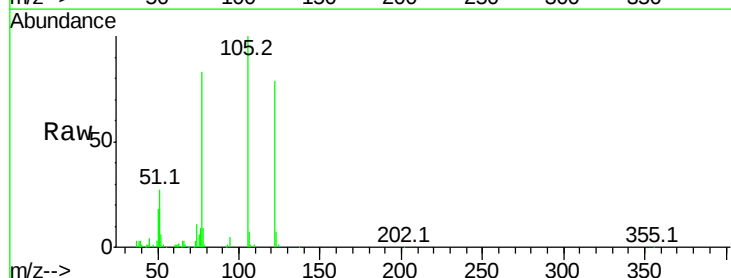
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#32
Benzoic acid
Concen: 51.566 ng
RT: 10.17 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.1	123.5	163.5
77	104.9	85.7	125.7





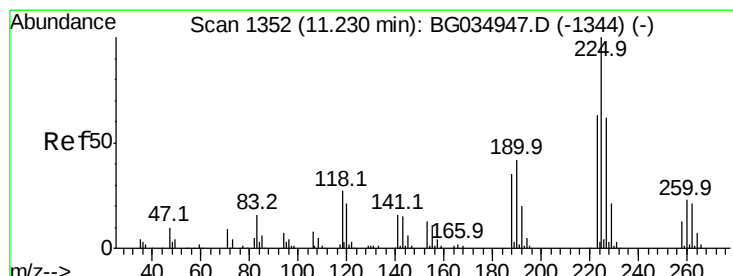
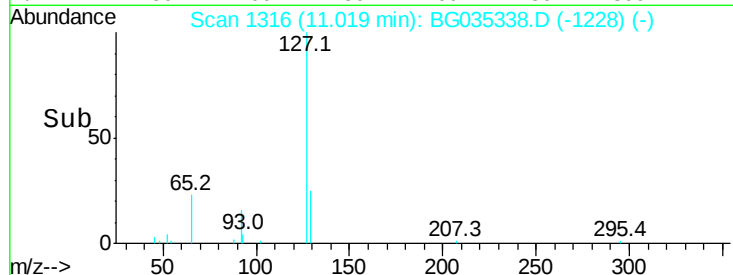
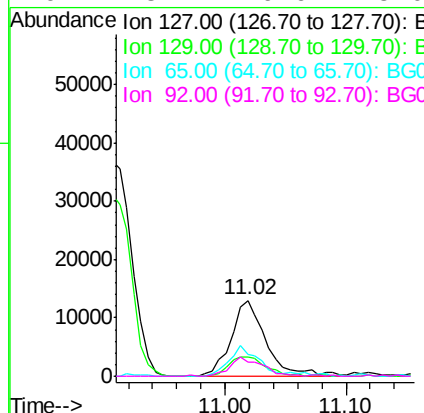
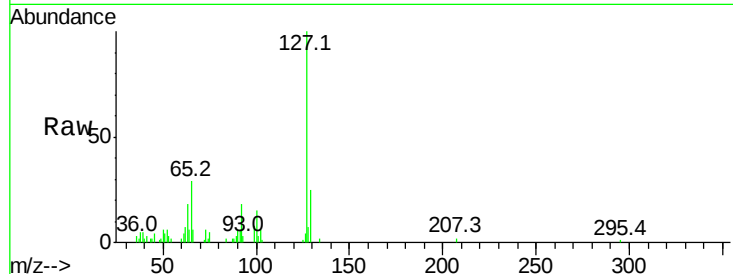
#33
4-Chloroaniline
Concen: 6.319 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	25.1	24.0	36.0
65	28.7	27.0	40.4
92	18.2	16.6	25.0

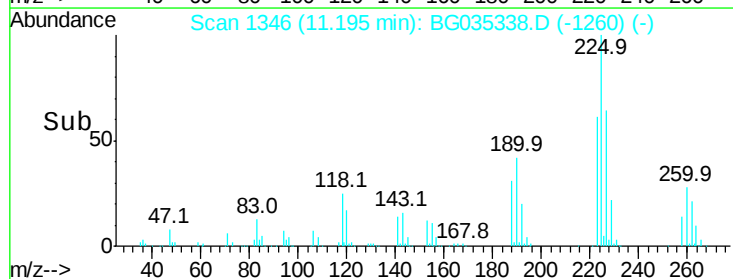
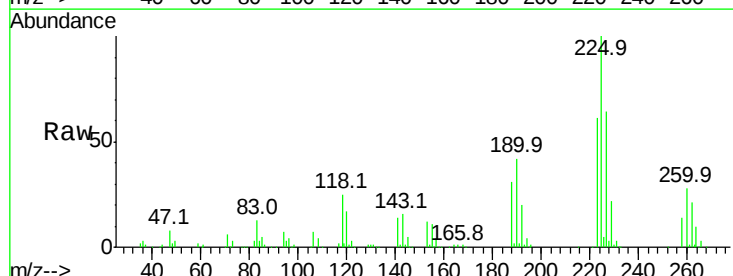
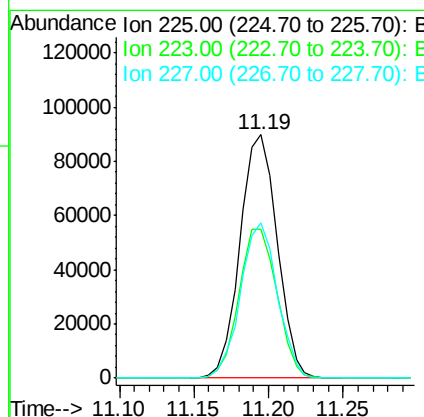
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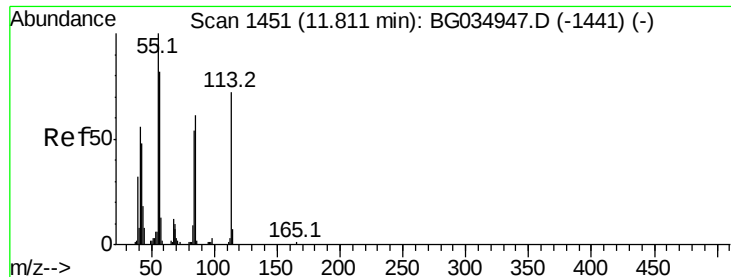
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#34
Hexachlorobutadiene
Concen: 53.540 ng
RT: 11.19 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.7	74.5
227	63.8	48.1	72.1





#35

Caprolactam

Concen: 32.381 ng

RT: 11.79 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

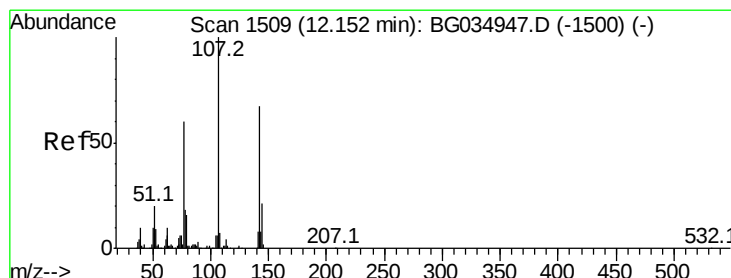
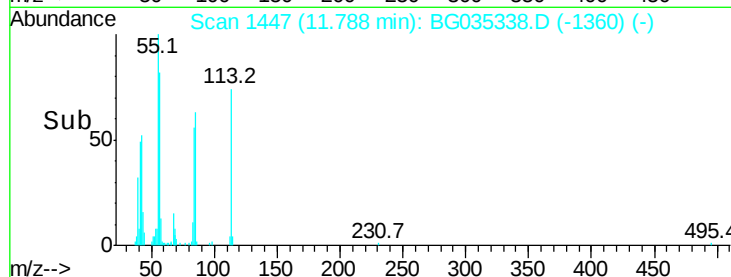
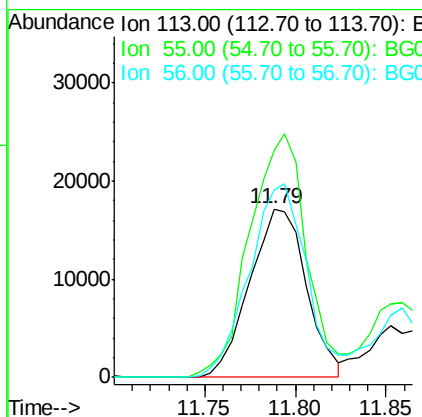
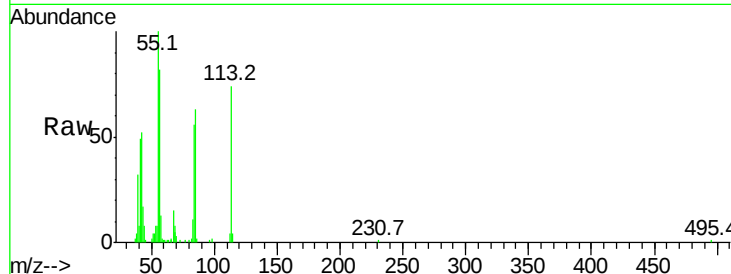
ClientSampleId :

OK-01-062018MSD

Tot Ion:	113	Resp:	37199
Ion Ratio	Lower	Upper	
113	100		
55	135.3	186.9	226.9#
56	111.0	130.9	170.9#

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#36

4-Chloro-3-methylphenol

Concen: 56.615 ng

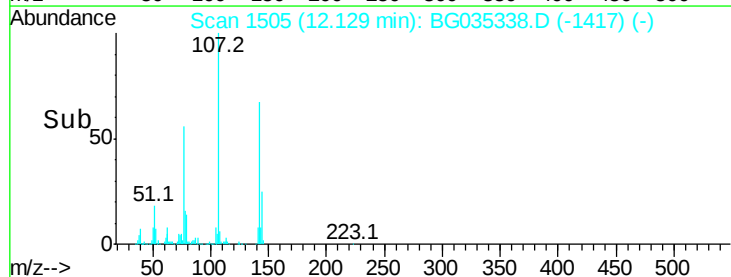
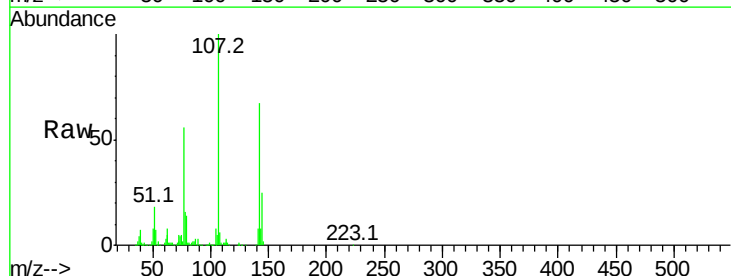
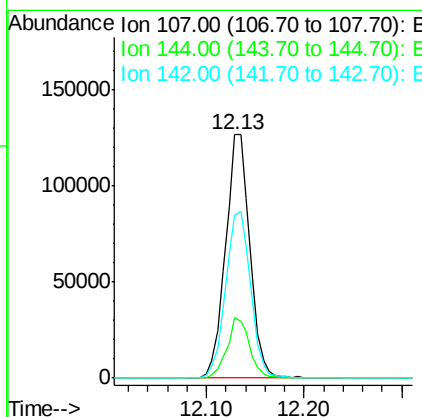
RT: 12.13 min Scan# 1505

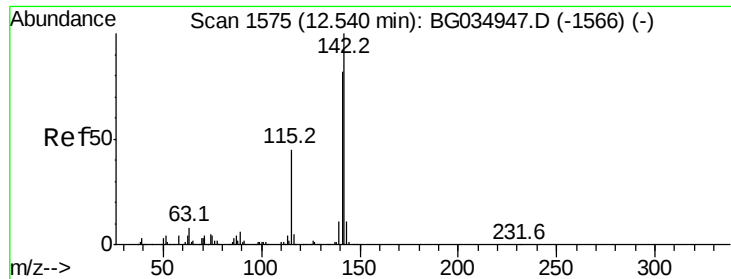
Delta R.T. -0.01 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Tgt Ion:	107	Resp:	219372
Ion Ratio	Lower	Upper	
107	100		
144	25.0	18.2	27.4
142	67.1	59.0	88.4





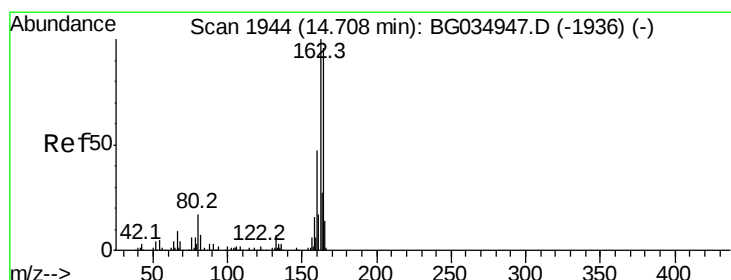
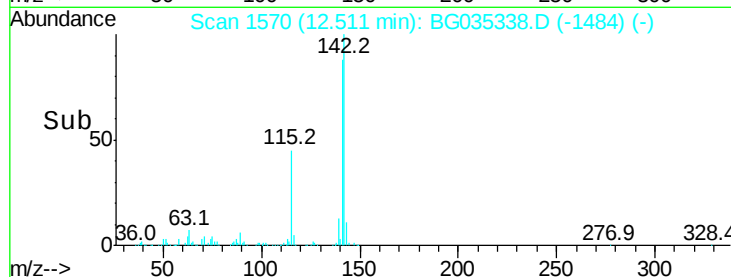
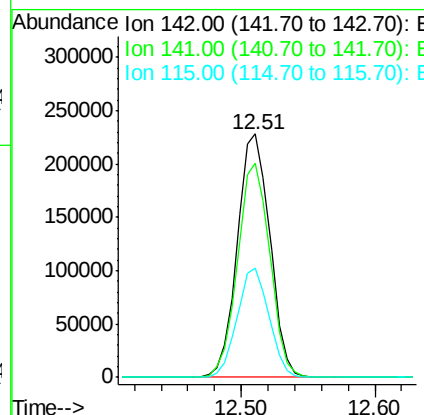
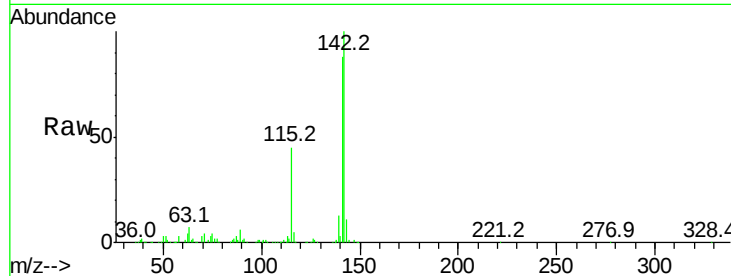
#37
2-Methylnaphthalene
Concen: 53.426 ng
RT: 12.51 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	87.7	67.1	100.7	
115	44.9	30.7	46.1	

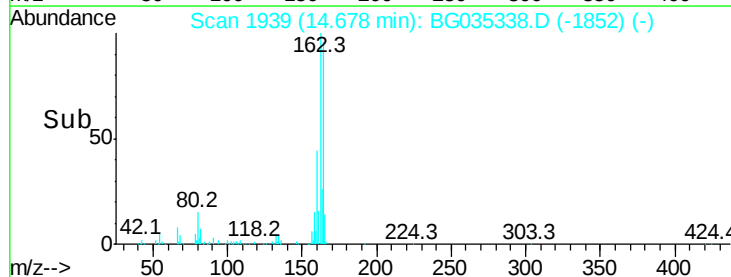
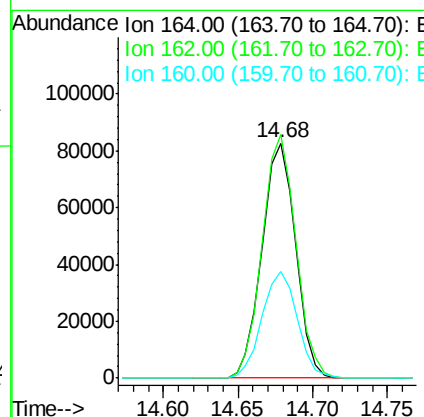
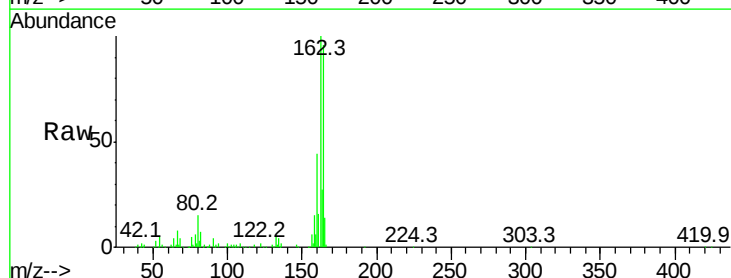
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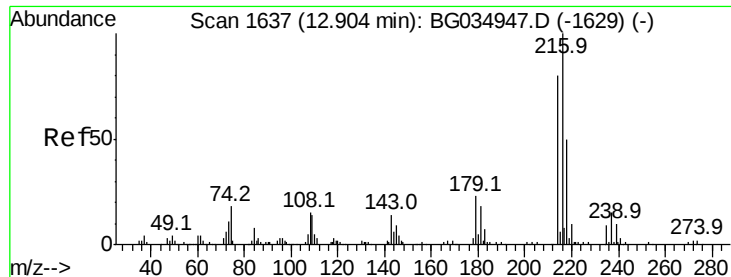
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.6	78.8	118.2	
160	45.7	35.4	53.0	





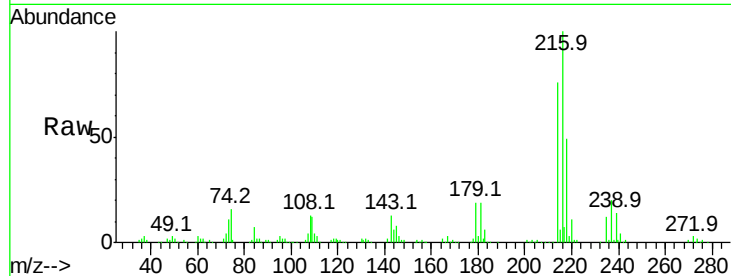
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 55.617 ng
 RT: 12.87 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018MSD

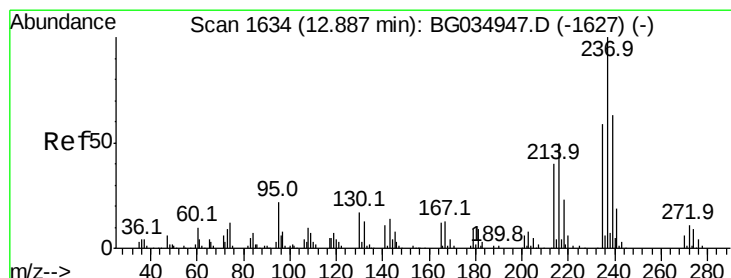
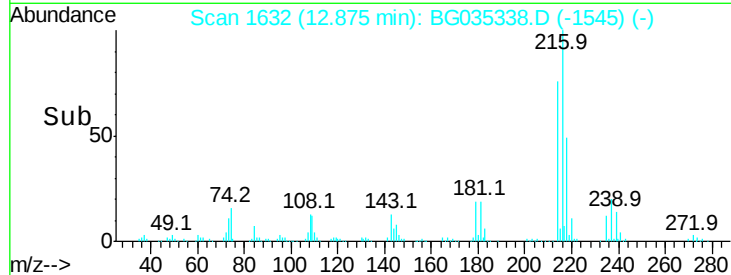
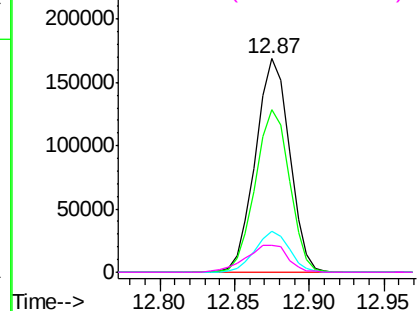
Tot Ion	Ratio	Resp	Lower	Upper
216	100	266263		
214	76.5	63.0	94.4	
179	19.0	17.0	25.6	
108	15.9	12.8	19.2	

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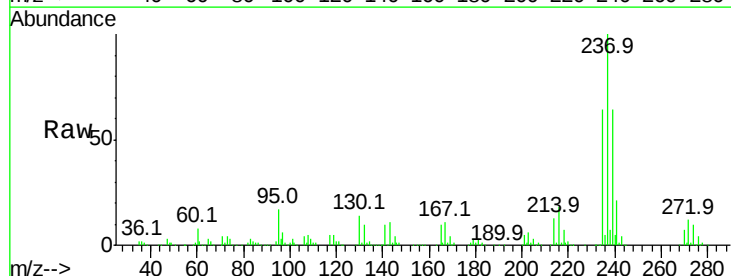


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

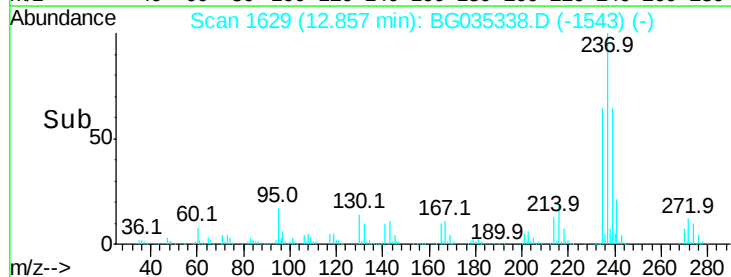
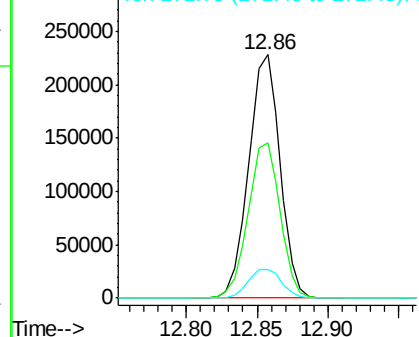


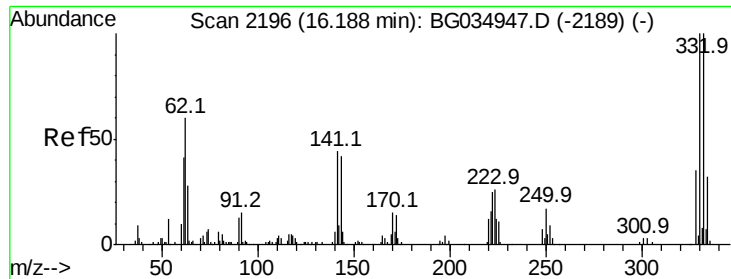
#40
 Hexachlorocyclopentadiene
 Concen: 118.423 ng
 RT: 12.86 min Scan# 1629
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	355528		
235	63.9	50.4	90.4	
272	11.7	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: 202.763 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

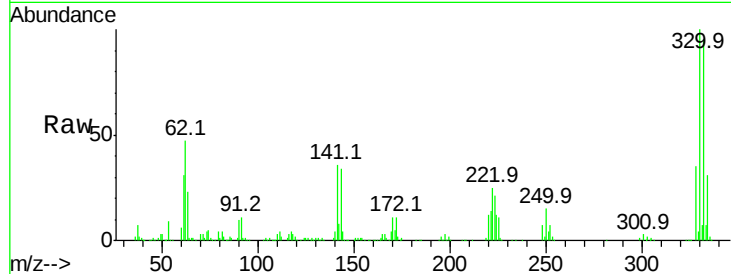
ClientSampleId :

OK-01-062018MSD

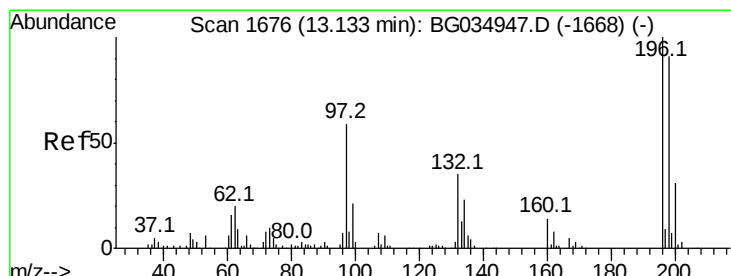
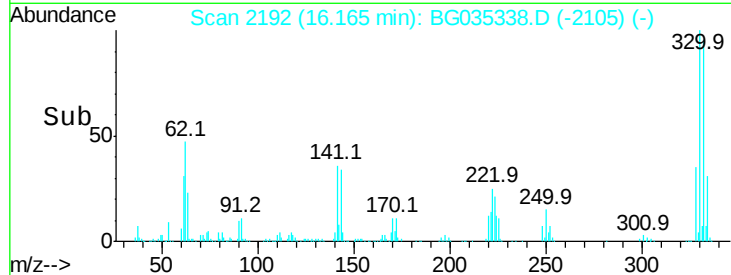
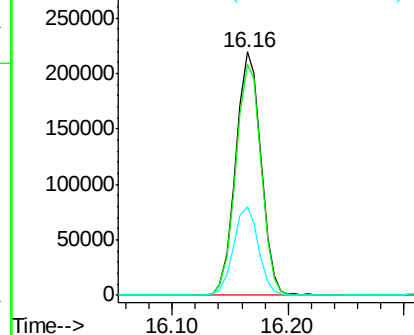
Tot Ion:	330	Resp:	333616
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.0	115.6
141	35.8	25.2	37.8

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 61.374 ng

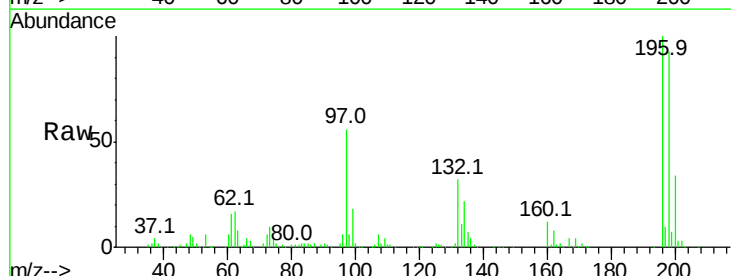
RT: 13.11 min Scan# 1672

Delta R.T. -0.02 min

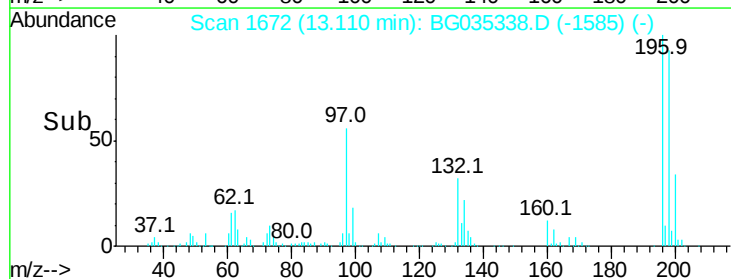
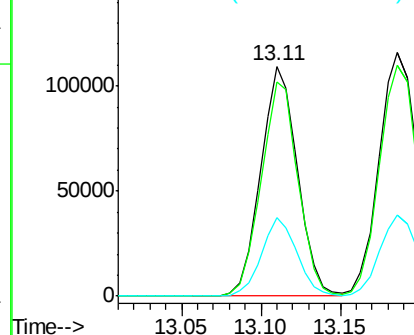
Lab File: BG035338.D

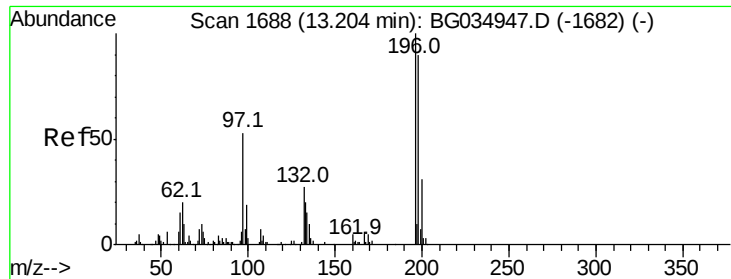
Acq: 22 Jun 2018 18:06

Tgt Ion:	196	Resp:	175938
Ion Ratio	Lower	Upper	
196	100		
198	93.0	78.2	117.2
200	34.0	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





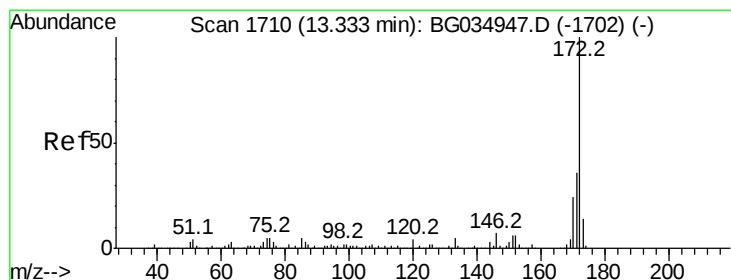
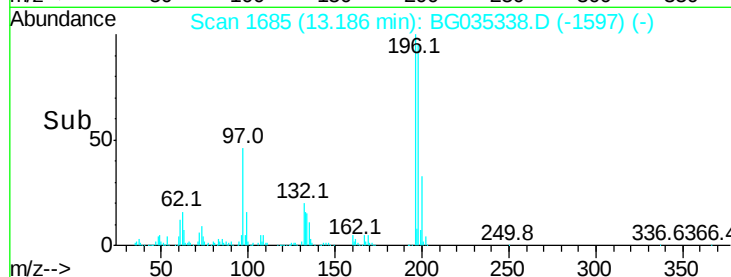
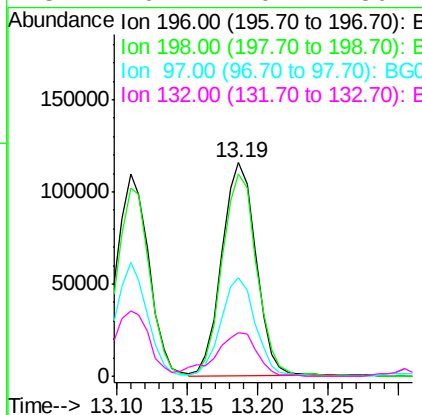
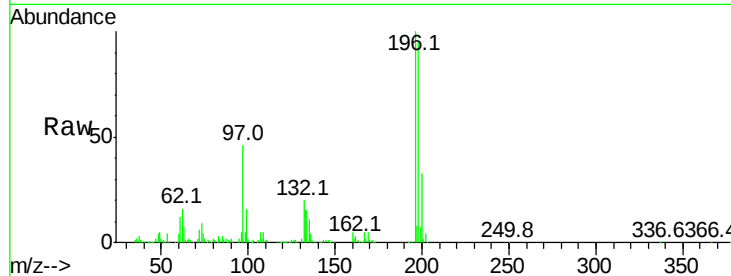
#43
2,4,5-Trichlorophenol
Concen: 61.757 ng
RT: 13.19 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	194312		
198	94.5	76.2	114.4	
97	46.2	38.7	58.1	
132	20.2	20.2	30.2	

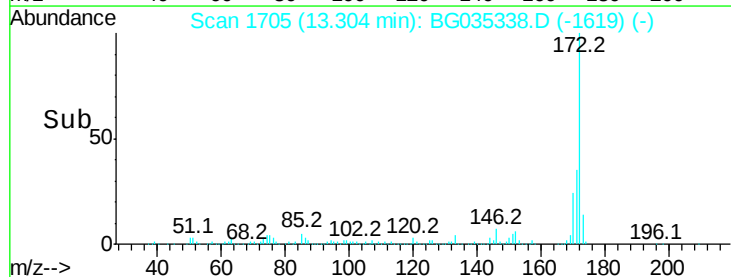
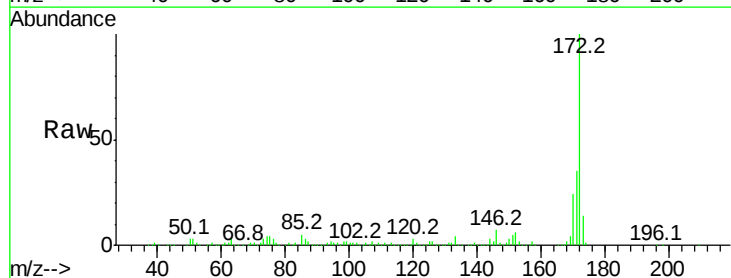
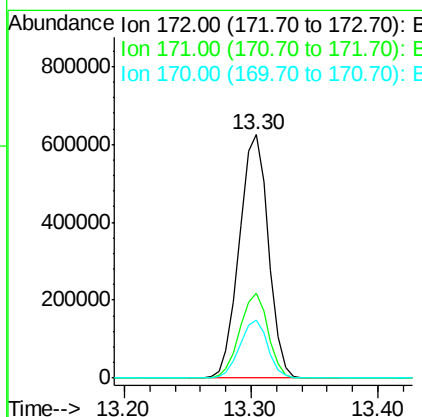
Manual Integrations
APPROVED

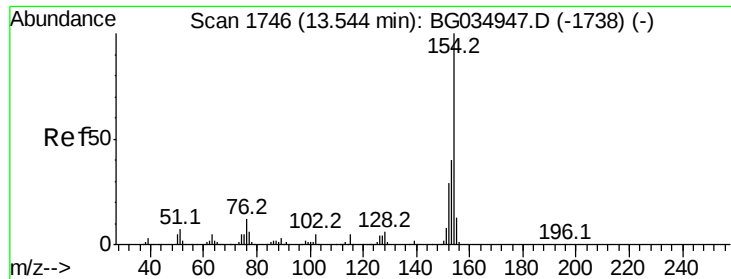
Sohil
6/25/2018 5:19:10 PM



#44
2-Fluorobiphenyl
Concen: 99.947 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	988175		
171	35.1	30.0	45.0	
170	23.9	19.5	29.3	





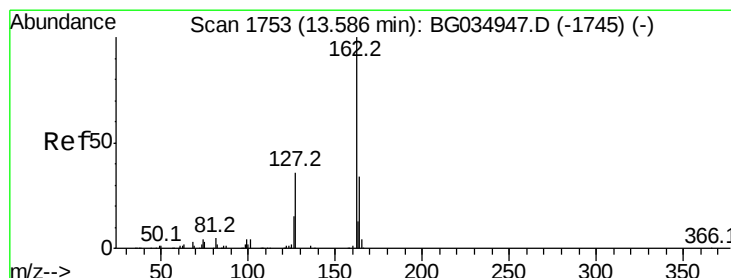
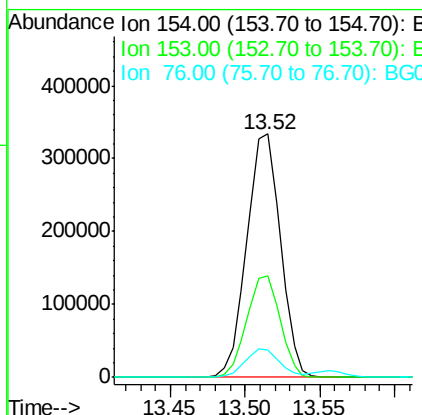
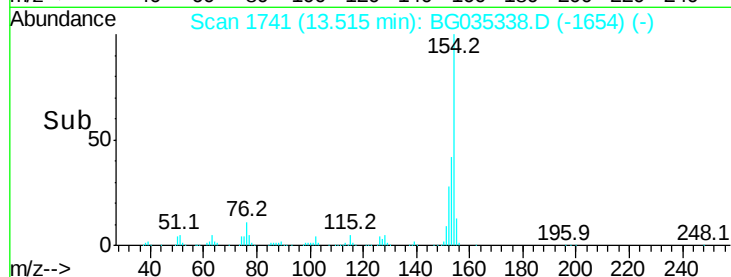
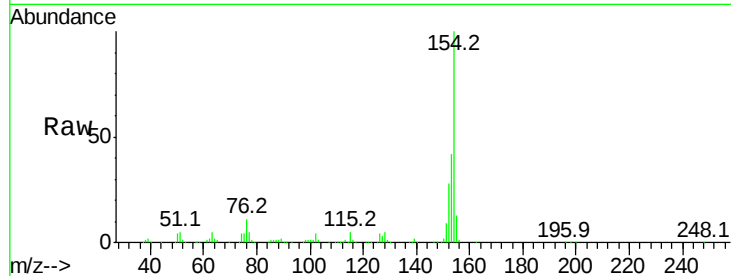
#45
1,1'-Biphenyl
Concen: 50.360 ng
RT: 13.52 min Scan# 1741
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	19.8	59.8
76	11.2	0.0	31.9

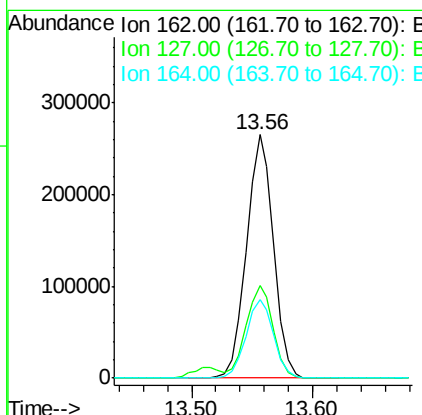
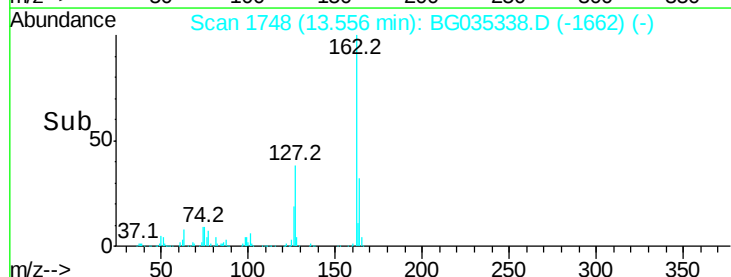
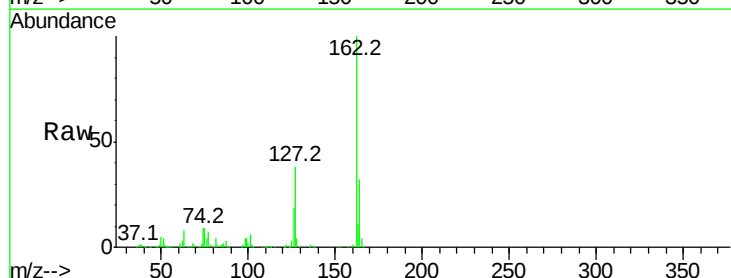
Manual Integrations
APPROVED

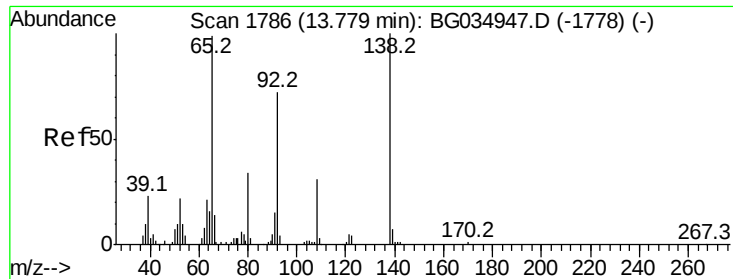
Sohil
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#46
2-Chloronaphthalene
Concen: 52.575 ng
RT: 13.56 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.7	46.1
164	32.4	26.0	39.0





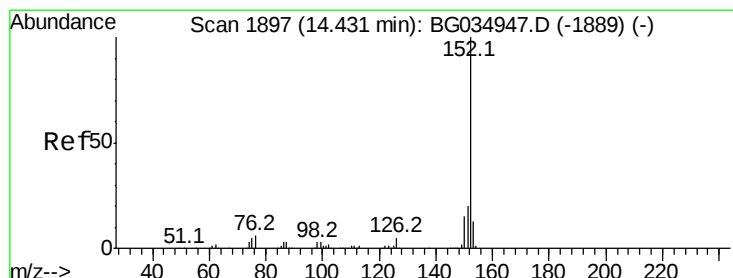
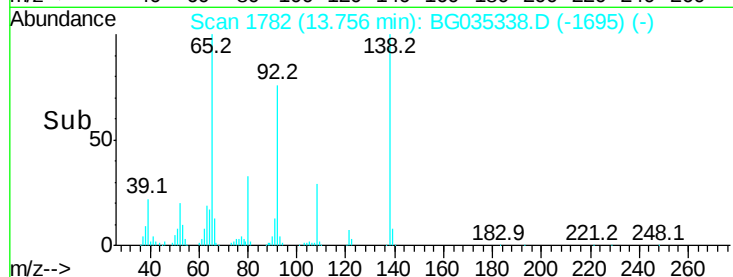
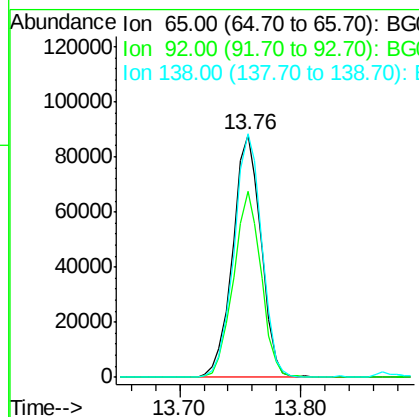
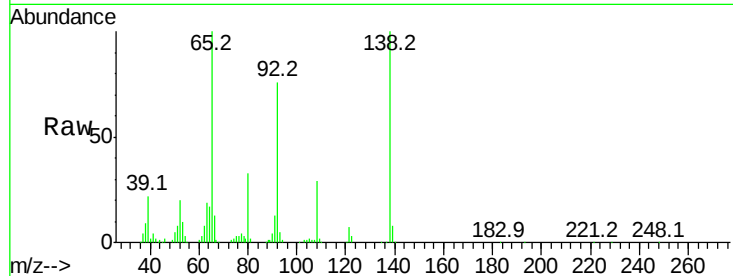
#47
2-Nitroaniline
Concen: 62.141 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.5	54.6	82.0
138	100.3	72.9	109.3

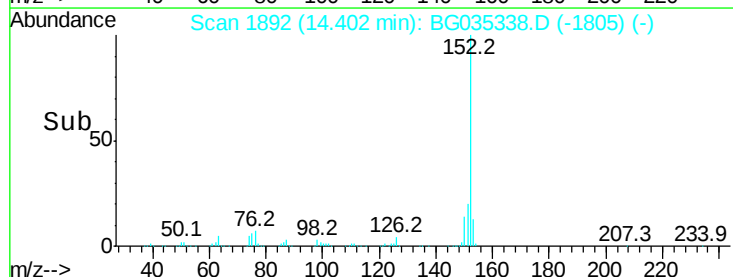
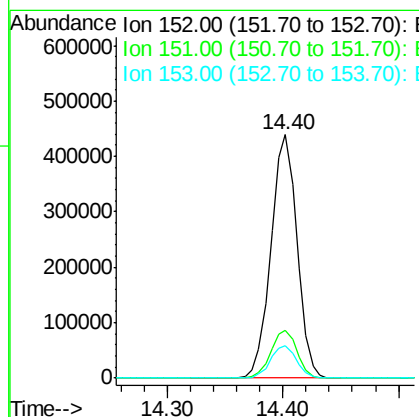
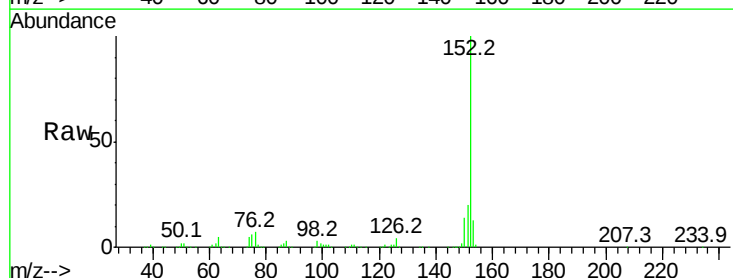
Manual Integrations
APPROVED

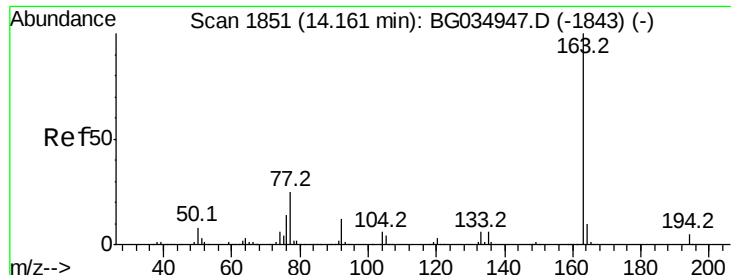
Sohil
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#48
Acenaphthylene
Concen: 52.741 ng
RT: 14.40 min Scan# 1892
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.2	25.8
153	13.3	10.2	15.4





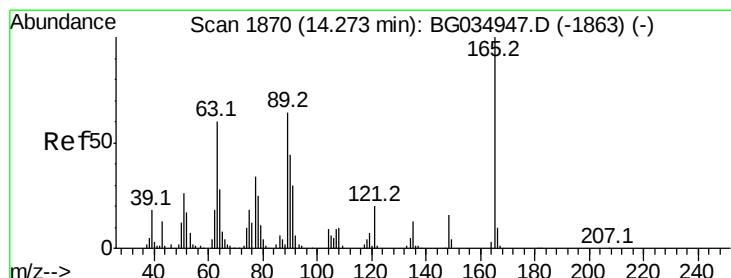
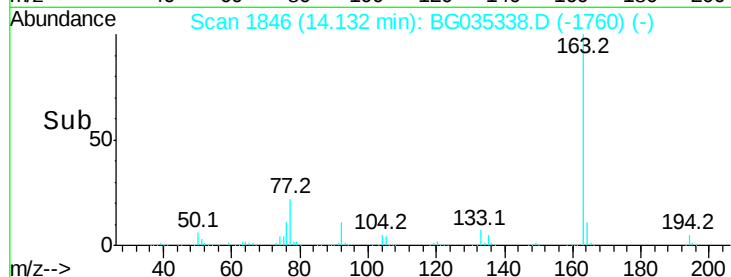
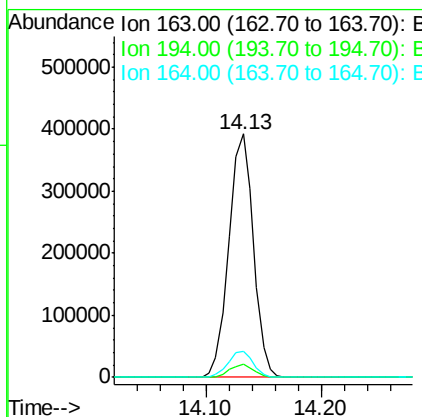
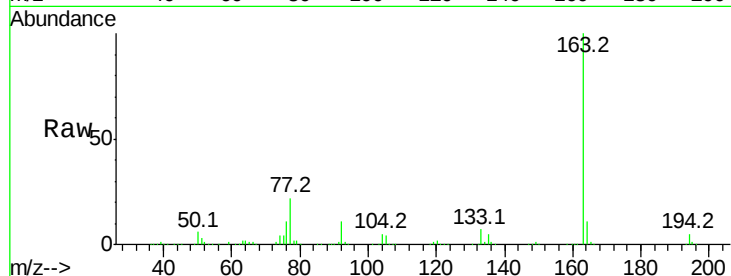
#49
Dimethylphthalate
Concen: 51.384 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	5.3	3.4	5.2#	
164	10.6	8.2	12.4	

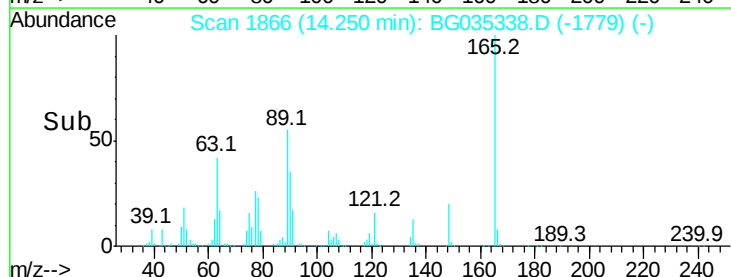
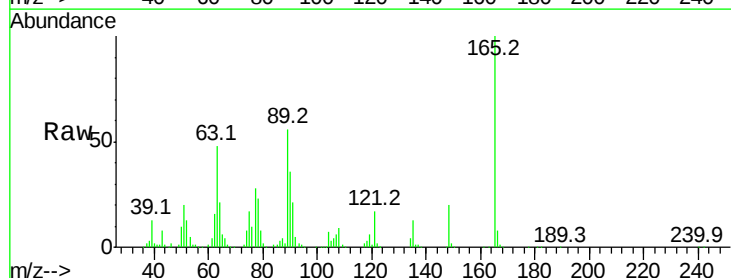
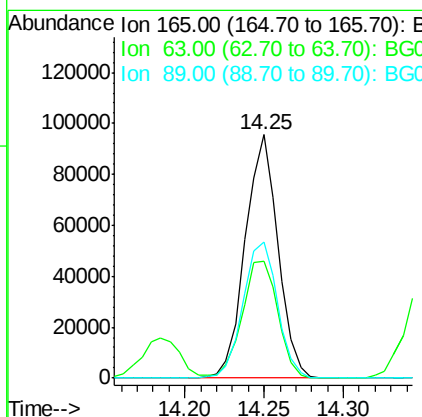
Manual Integrations
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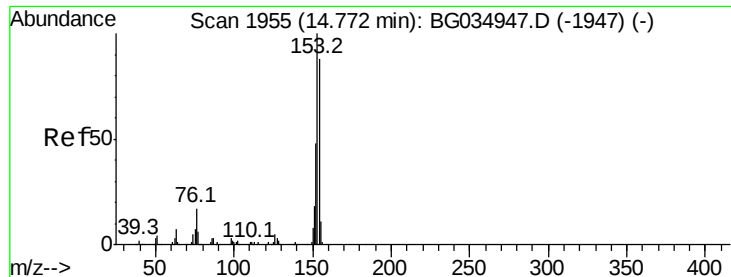
Sohil
6/25/2018 5:19:10 PM



#50
2,6-Dinitrotoluene
Concen: 66.950 ng
RT: 14.25 min Scan# 1866
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.1	52.7	79.1#	
89	55.7	49.2	73.8	





#51

Acenaphthene

Concen: 47.730 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

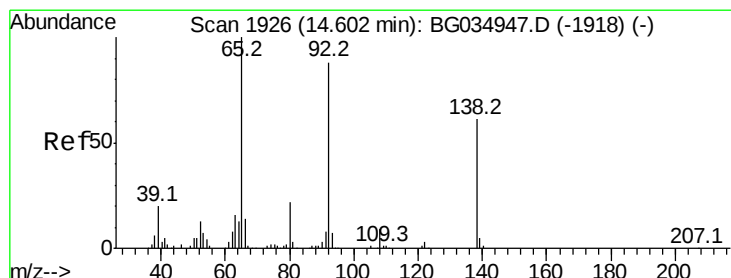
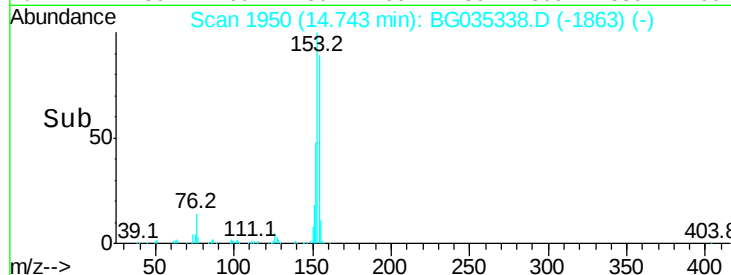
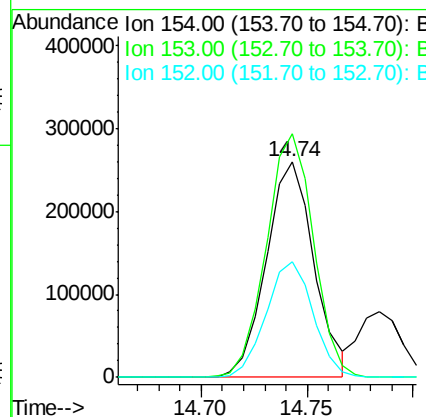
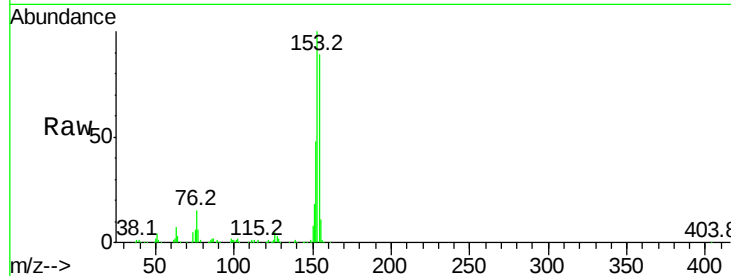
ClientSampleId :

OK-01-062018MSD

Tot Ion:	154	Resp:	408602
Ion Ratio	Lower	Upper	
154	100		
153	112.8	90.4	135.6
152	53.6	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 31.103 ng

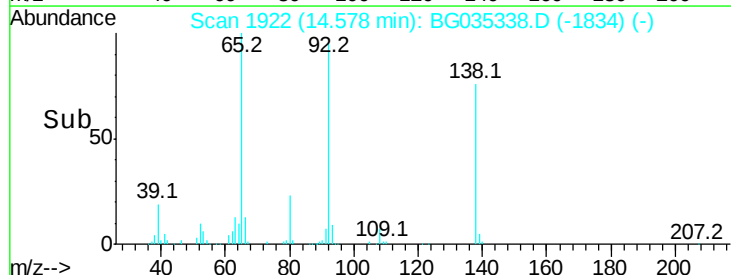
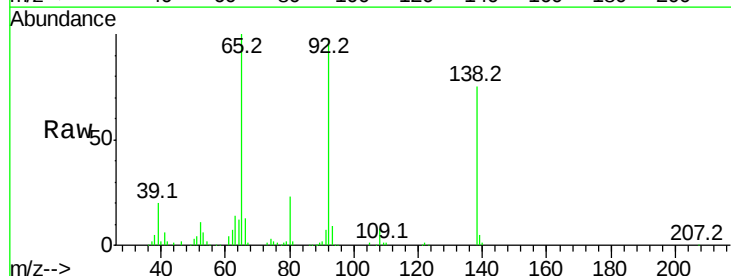
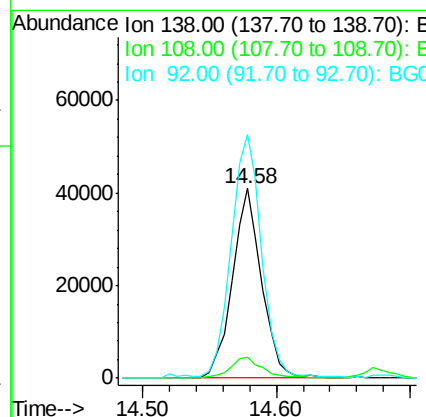
RT: 14.58 min Scan# 1922

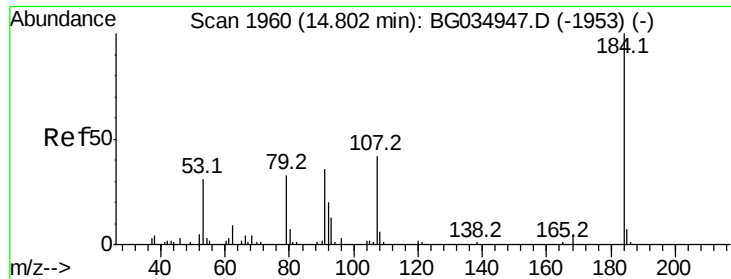
Delta R.T. -0.01 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Tgt Ion:	138	Resp:	62406
Ion Ratio	Lower	Upper	
138	100		
108	11.0	17.5	26.3#
92	128.4	105.8	158.8





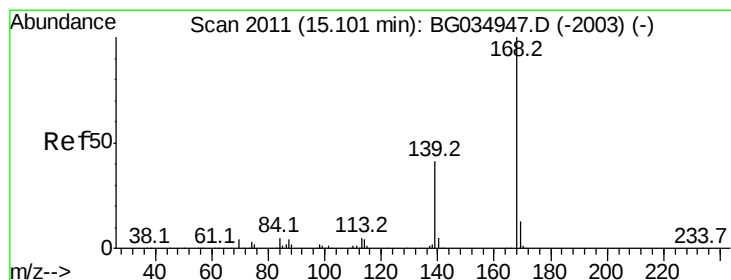
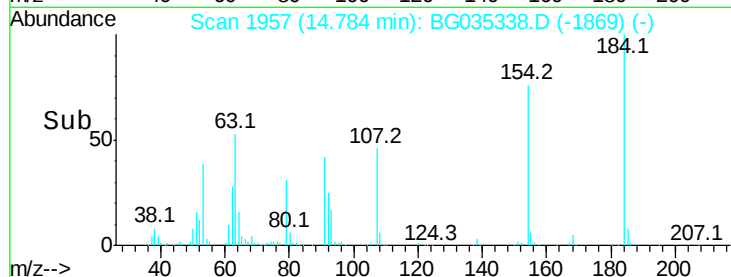
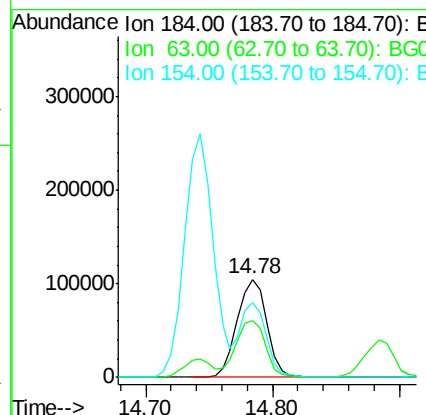
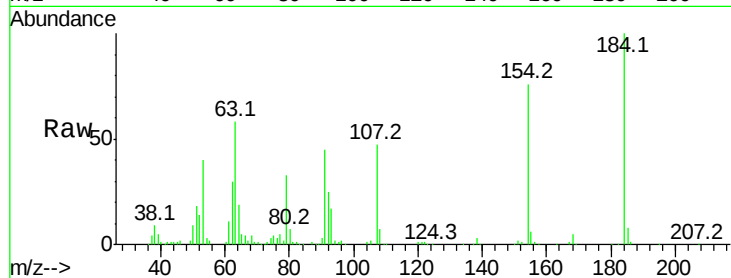
#53
2,4-Dinitrophenol
Concen: 204.247 ng
RT: 14.78 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	58.4	59.8	89.8#
154	75.8	101.8	152.8#

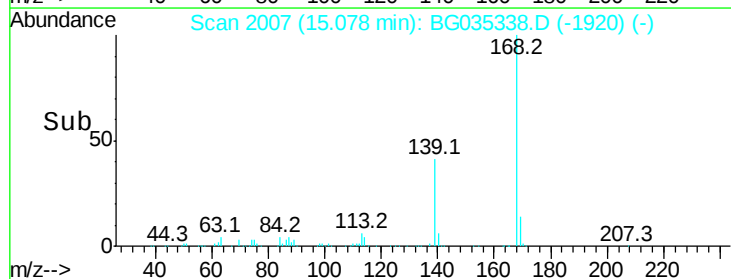
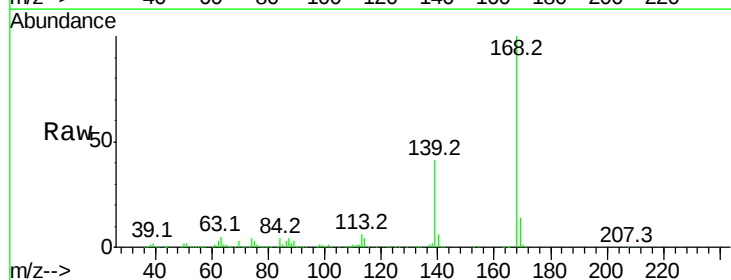
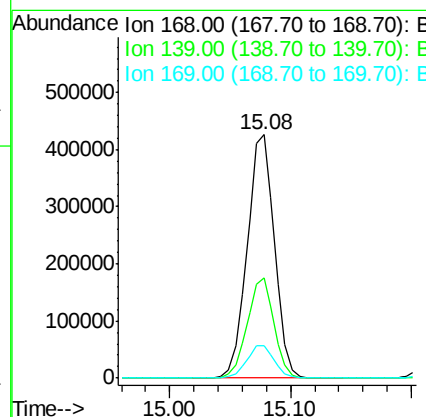
Manual Integrations
APPROVED

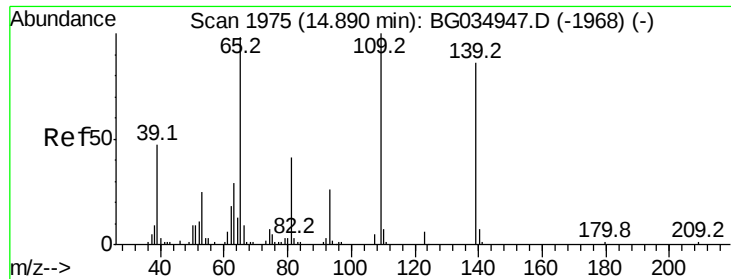
Sohil
6/25/2018 5:19:10 PM



#54
Dibenzofuran
Concen: 52.071 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.4	28.6	43.0
169	13.5	11.2	16.8





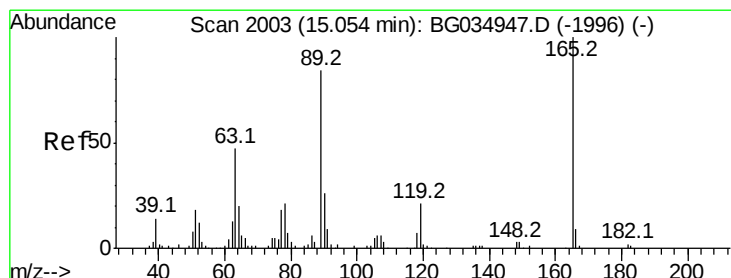
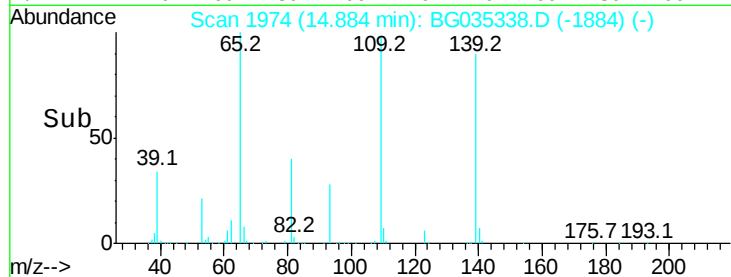
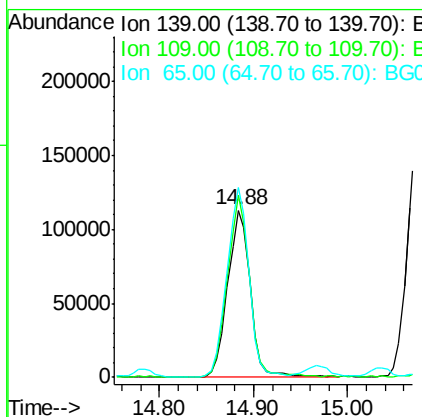
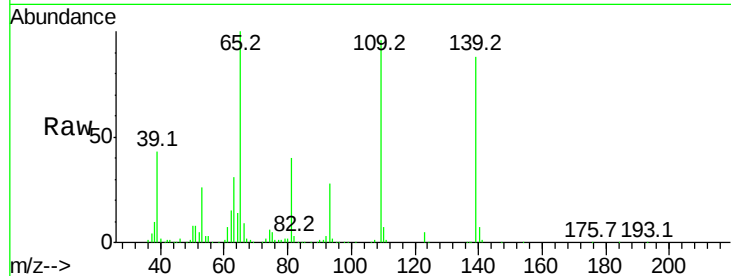
#55
4-Nitrophenol
Concen: 111.518 ng
RT: 14.88 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	109.1	62.2	102.2#	
65	113.5	97.2	137.2	

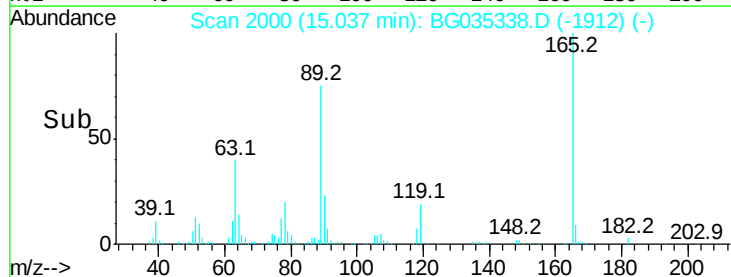
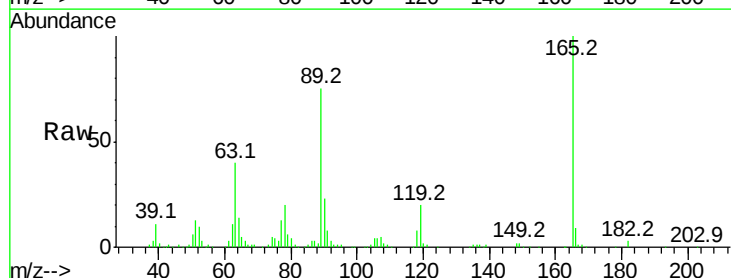
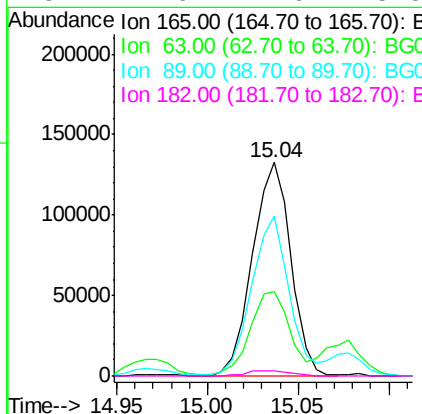
Manual Integrations
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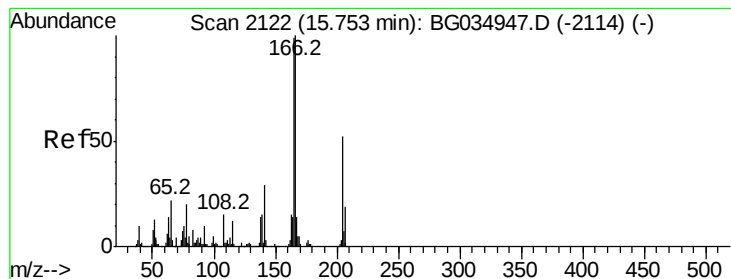
Sohil
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#56
2,4-Dinitrotoluene
Concen: 72.343 ng
RT: 15.04 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.8	42.0	63.0#	
89	74.9	66.9	100.3	
182	2.6	2.6	3.8	





#57

Fluorene

Concen: 53.079 ng

RT: 15.72 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

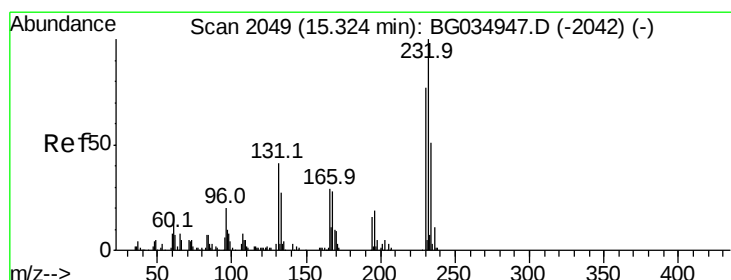
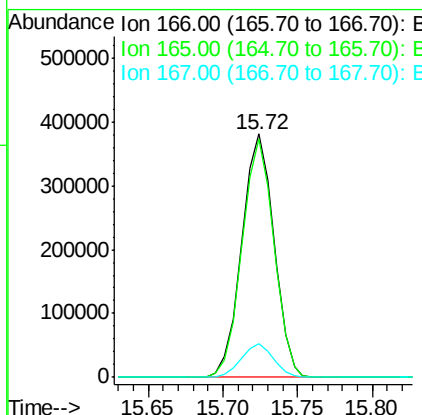
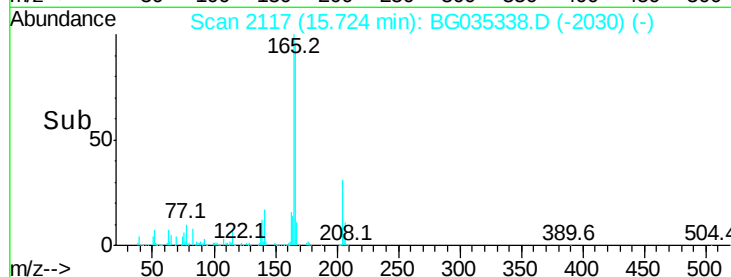
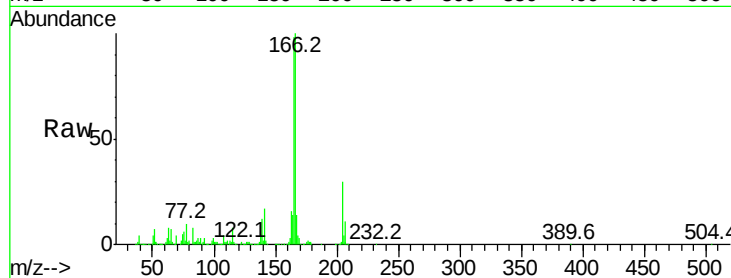
ClientSampleId :

OK-01-062018MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	80.6	121.0
167	13.7	10.4	15.6

Manual Integrations
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6/25/2018 5:19:10 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 64.904 ng

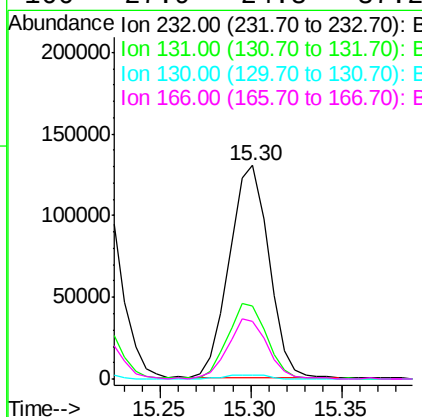
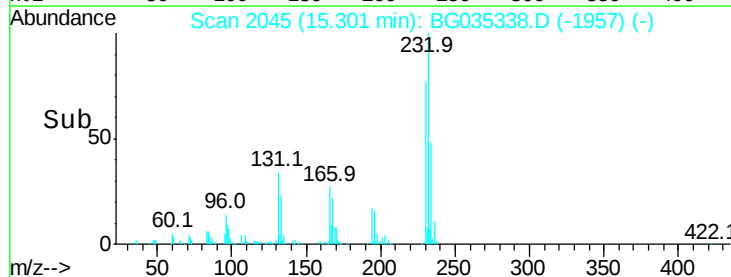
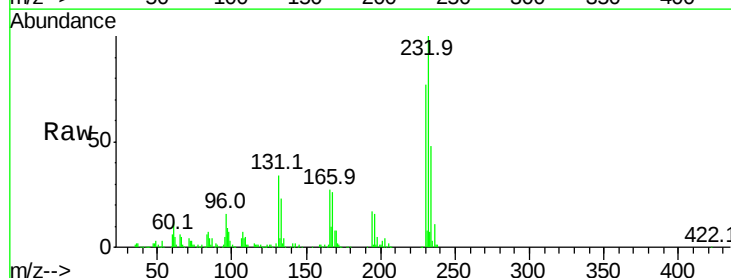
RT: 15.30 min Scan# 2045

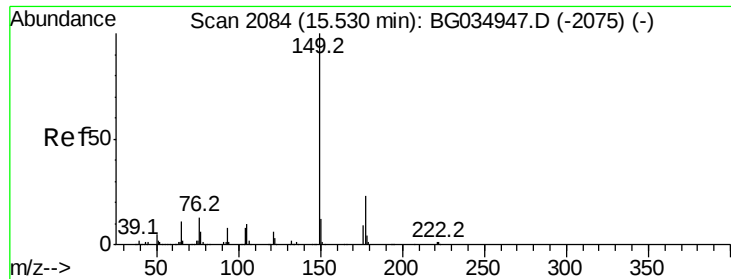
Delta R.T. -0.01 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
232	100		
131	36.1	33.5	50.3
130	2.1	2.2	3.2#
166	27.9	24.8	37.2





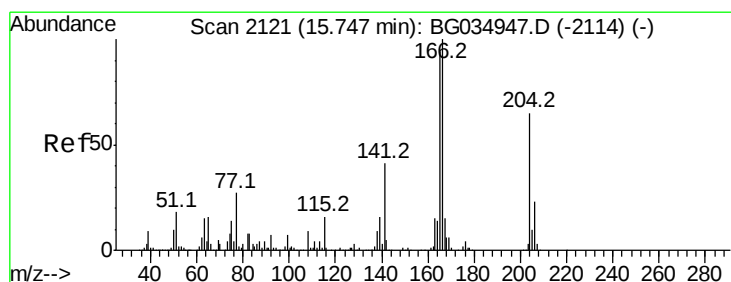
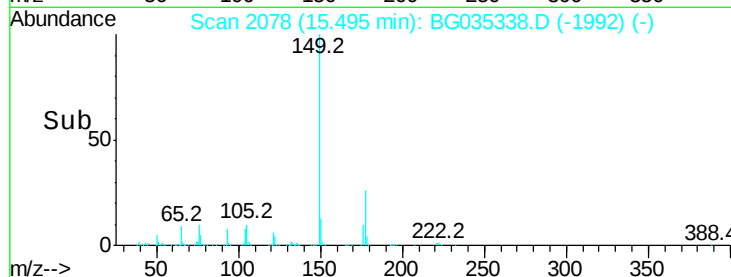
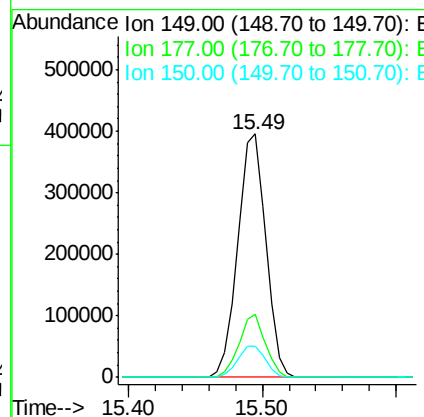
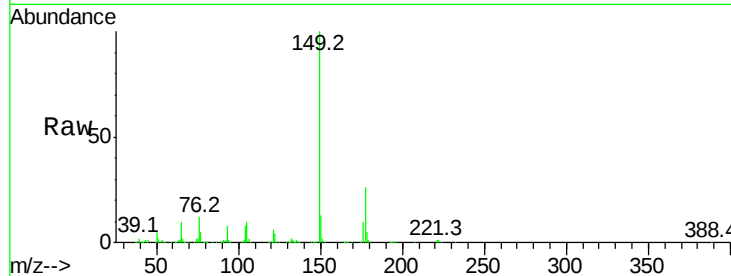
#59
Diethylphthalate
Concen: 50.471 ng
RT: 15.49 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	26.2	18.5	27.7	
150	12.6	10.2	15.2	

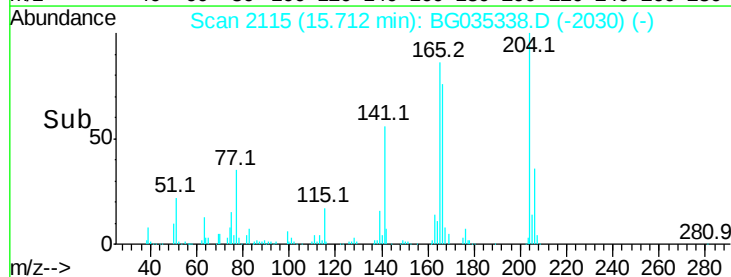
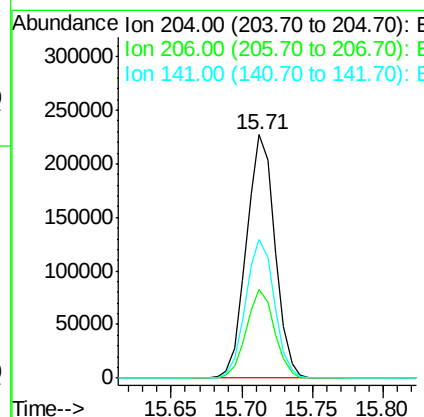
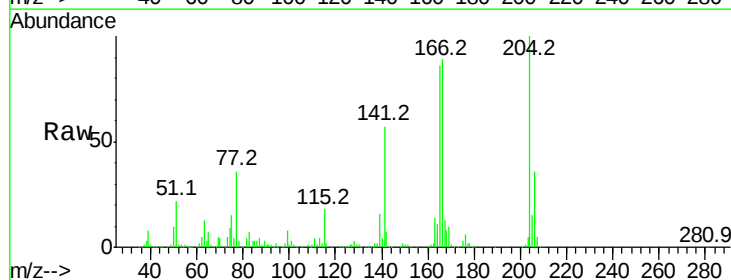
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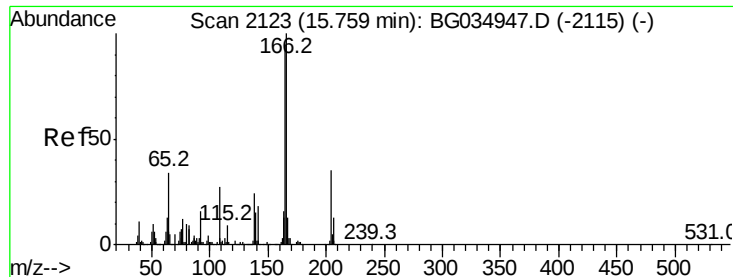
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#60
4-Chlorophenyl-phenylether
Concen: 52.633 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.03 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	36.3	26.2	39.2	
141	56.9	45.8	68.6	





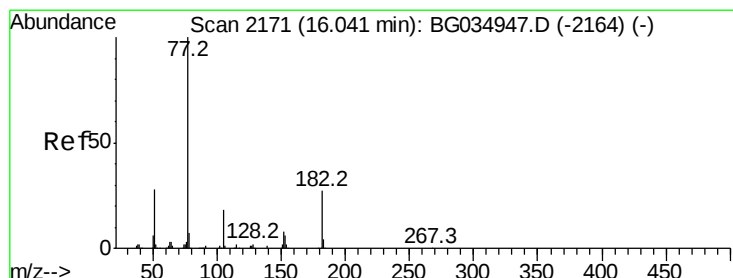
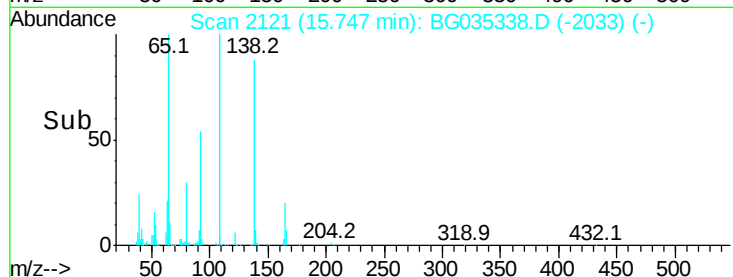
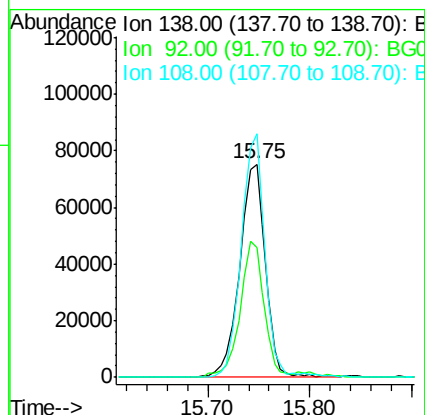
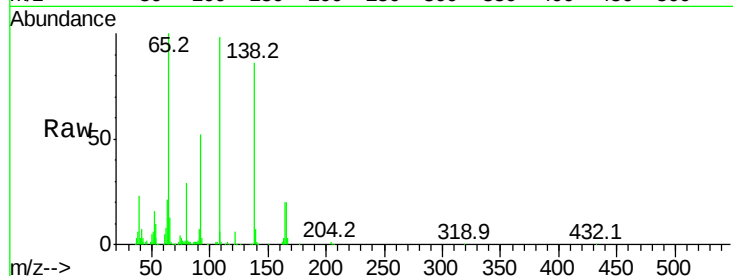
#61
4-Nitroaniline
Concen: 61.847 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	61.1	40.1	80.1
108	114.4	65.4	105.4

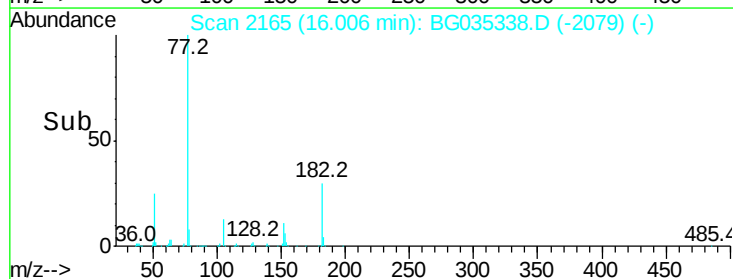
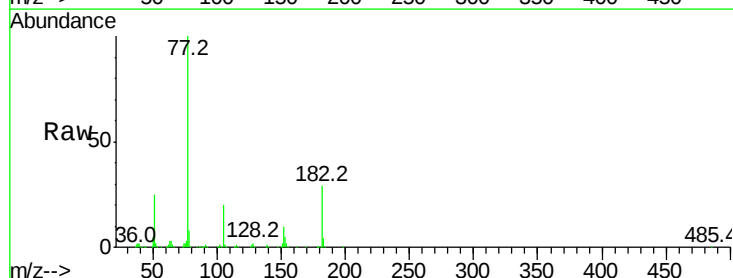
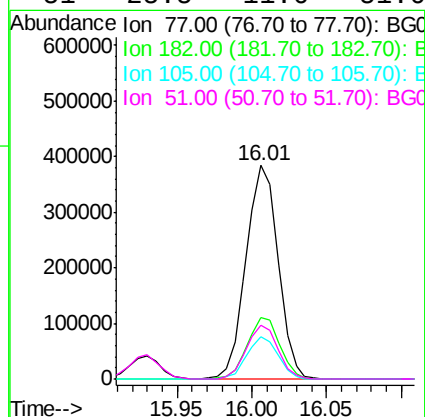
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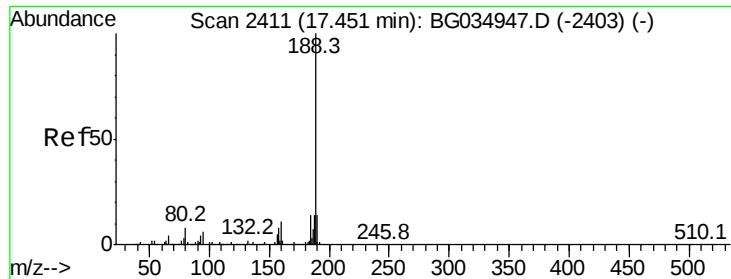
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#62
Azobenzene
Concen: 50.707 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.8	7.4	47.4
105	19.6	0.3	40.3
51	25.5	11.6	51.6





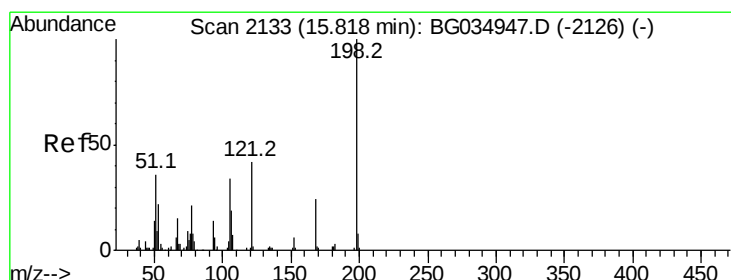
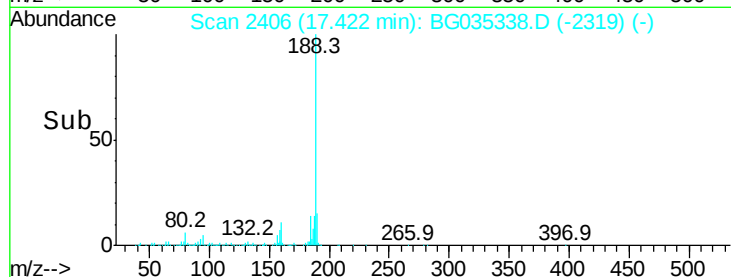
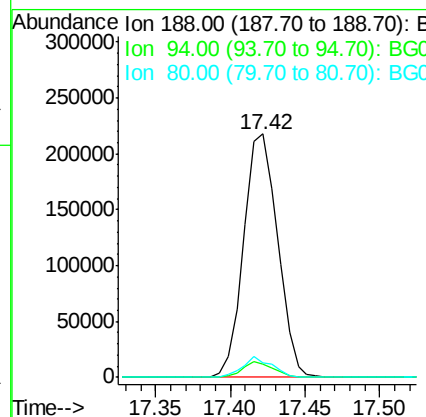
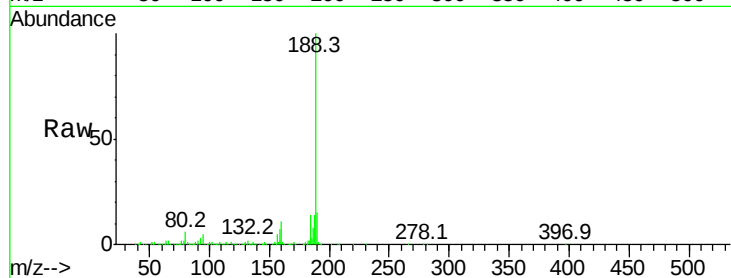
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	5.4	6.9	10.3#
80	6.1	7.7	11.5#

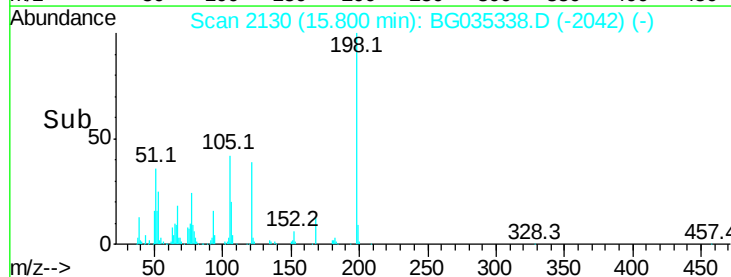
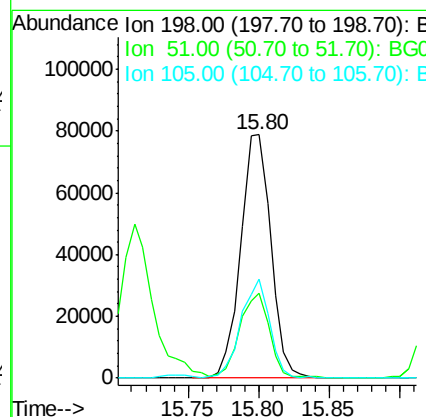
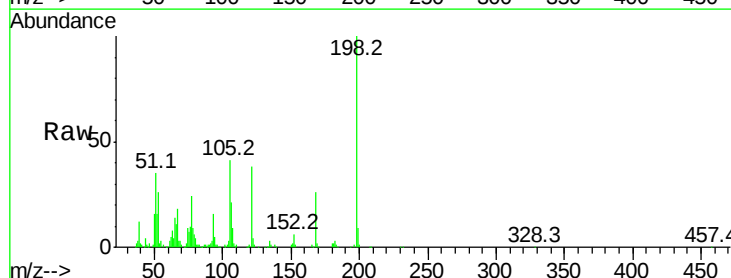
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#64
4,6-Dinitro-2-methylphenol
Concen: 75.298 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	35.0	30.6	70.6
105	40.8	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 49.779 ng

RT: 15.93 min Scan# 2152

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

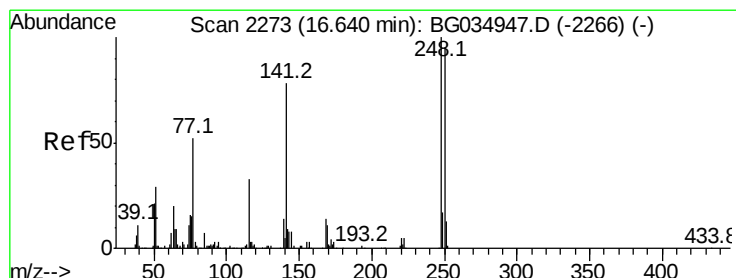
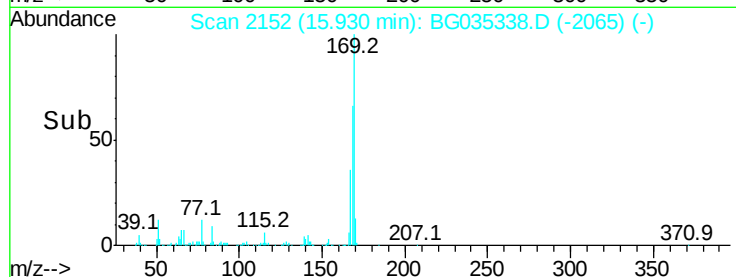
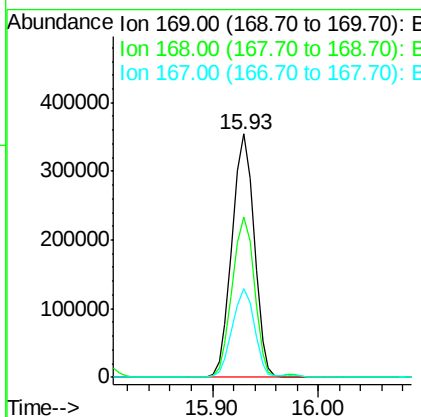
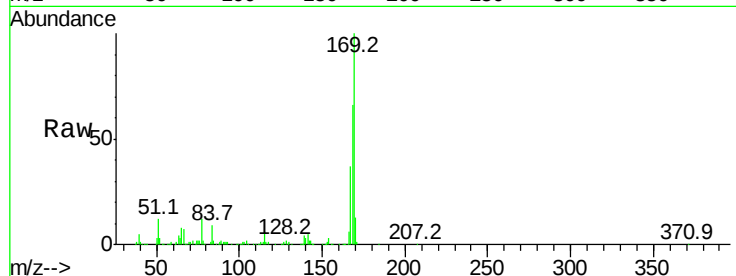
ClientSampleId :

OK-01-062018MSD

Tot Ion:	169	Resp:	514252
Ion Ratio	Lower	Upper	
169	100		
168	66.1	55.7	83.5
167	36.5	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 56.246 ng

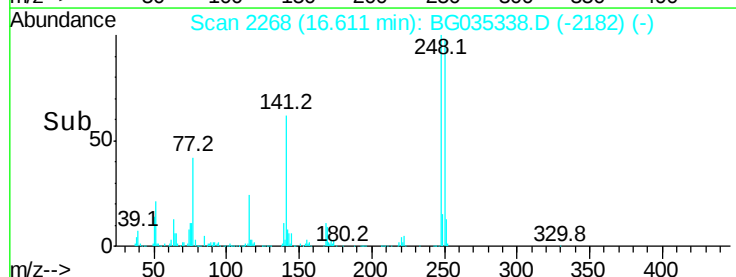
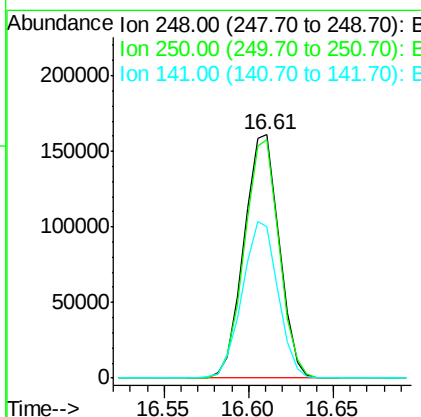
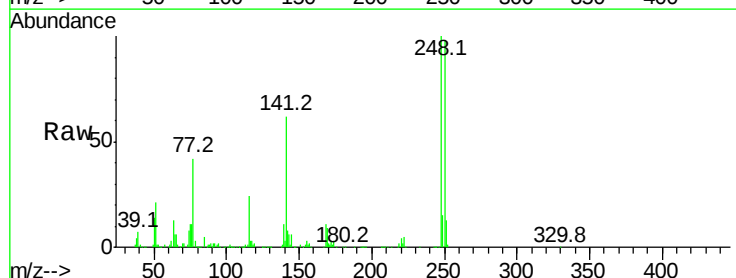
RT: 16.61 min Scan# 2268

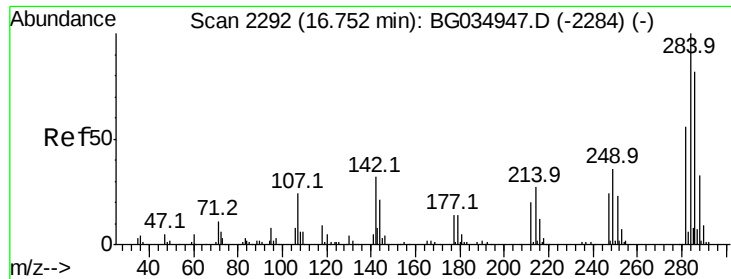
Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Tgt Ion:	248	Resp:	233004
Ion Ratio	Lower	Upper	
248	100		
250	97.8	77.1	115.7
141	62.0	50.8	76.2





#67

Hexachlorobenzene

Concen: 55.151 ng

RT: 16.73 min Scan# 2288

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

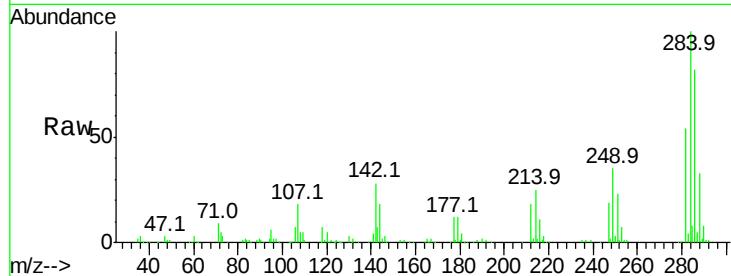
ClientSampleId :

OK-01-062018MSD

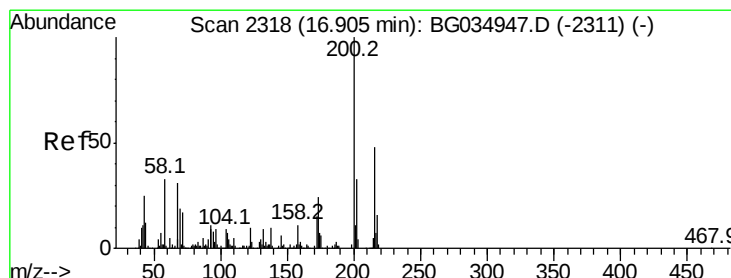
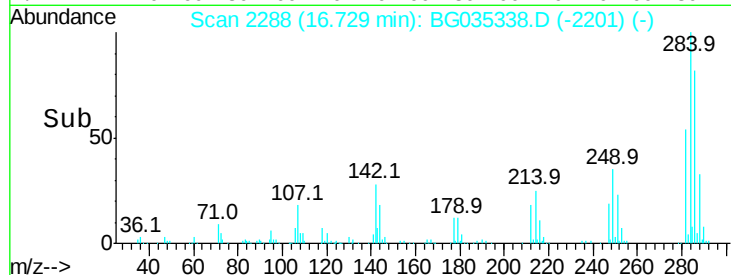
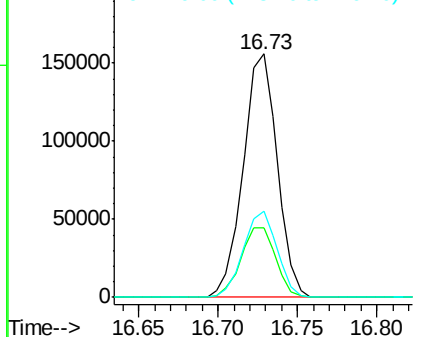
Tot Ion:	284	Resp:	232542
Ion Ratio		Lower	Upper
284	100		
142	28.4	26.8	40.2
249	35.2	26.3	39.5

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



#68

Atrazine

Concen: 53.958 ng

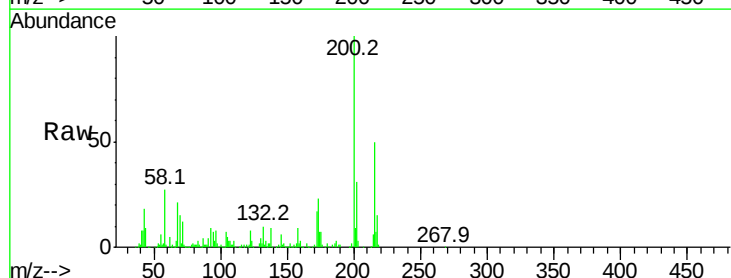
RT: 16.88 min Scan# 2313

Delta R.T. -0.02 min

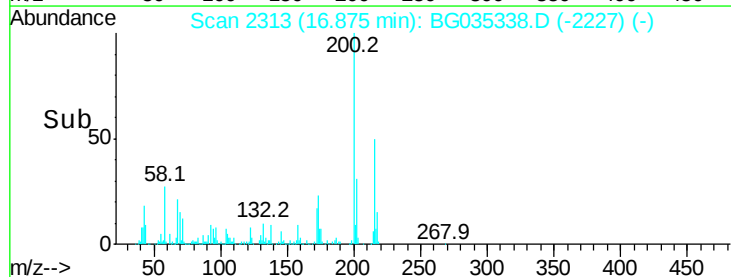
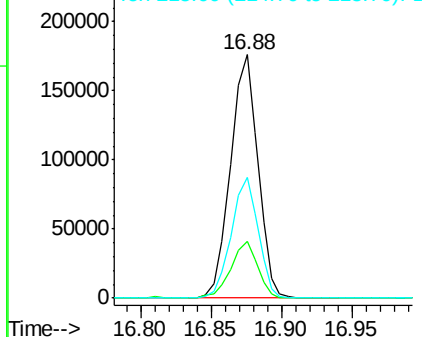
Lab File: BG035338.D

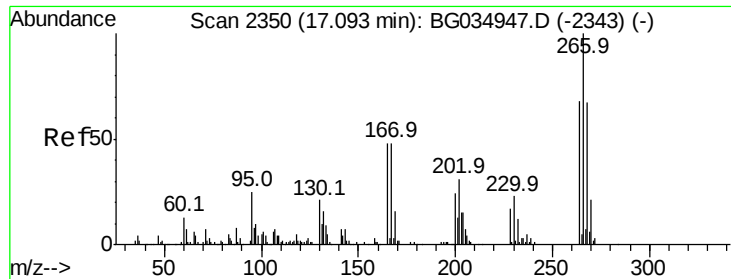
Acq: 22 Jun 2018 18:06

Tgt Ion:	200	Resp:	237712
Ion Ratio		Lower	Upper
200	100		
173	23.4	5.2	45.2
215	49.7	30.4	70.4



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





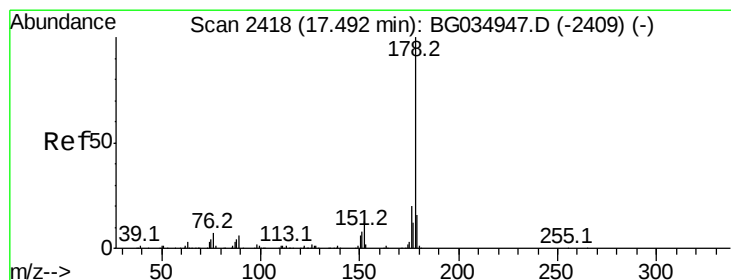
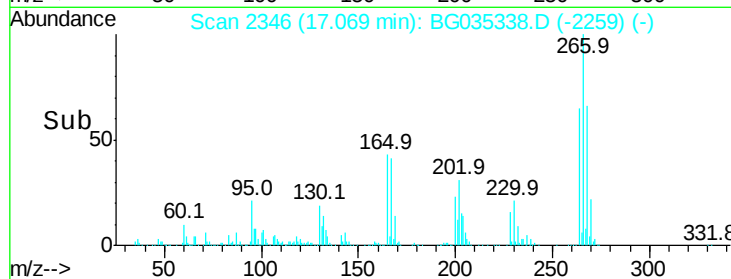
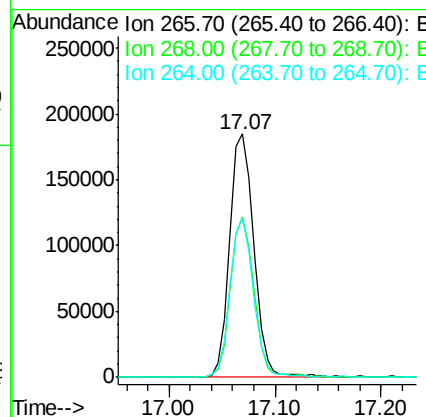
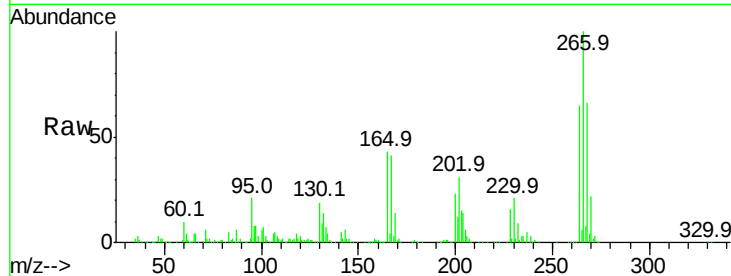
#69
 Pentachlorophenol
 Concen: 103.578 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018MSD

Tot Ion:	266	Resp:	293673
Ion Ratio	Lower	Upper	
266	100		
268	66.0	51.1	76.7
264	65.3	49.6	74.4

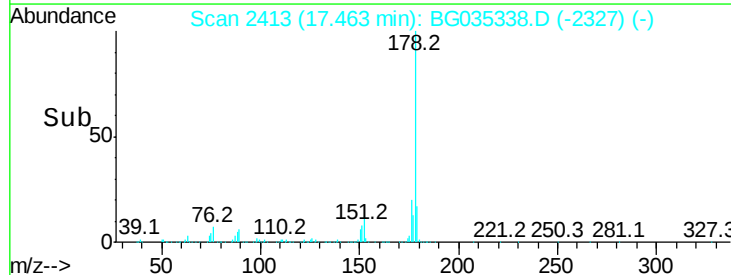
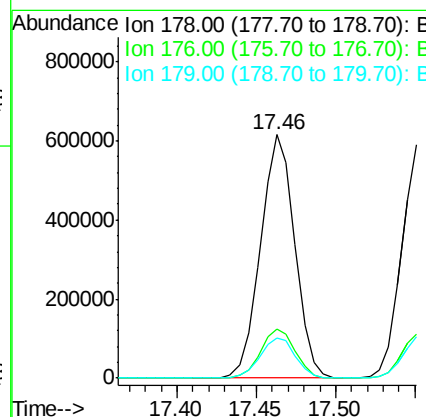
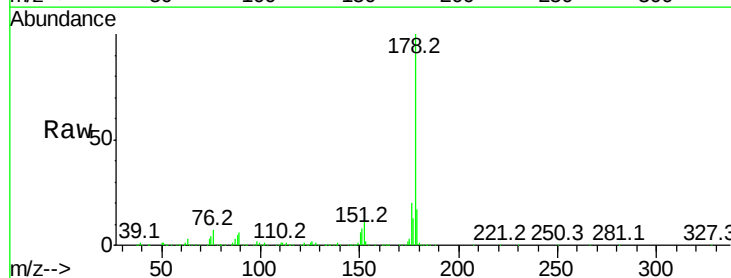
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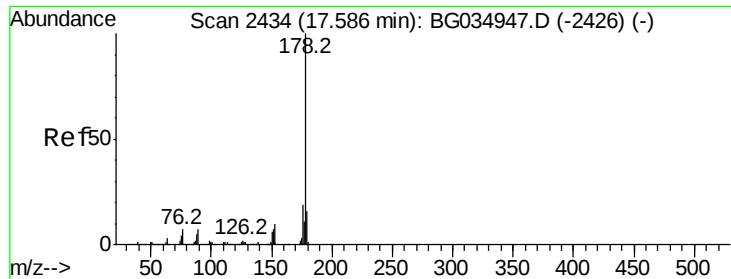
Sohil
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#70
 Phenanthrene
 Concen: 52.749 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Tgt Ion:	178	Resp:	921768
Ion Ratio	Lower	Upper	
178	100		
176	20.4	15.7	23.5
179	16.6	12.5	18.7





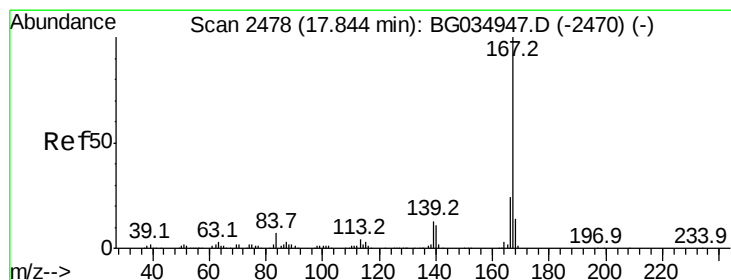
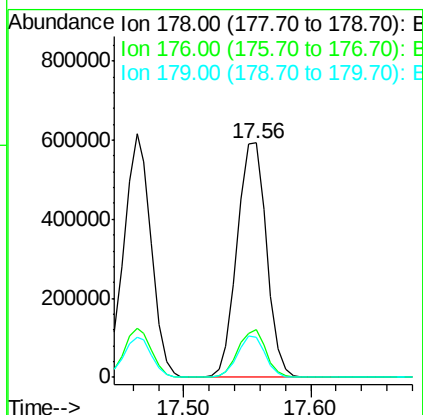
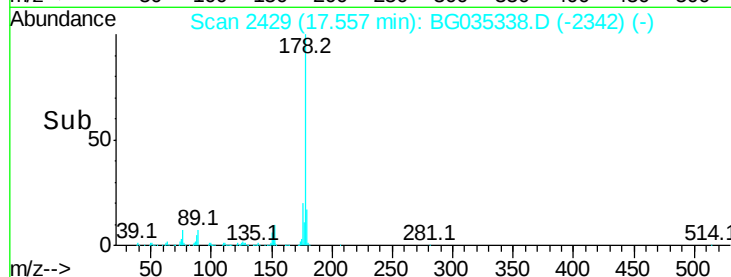
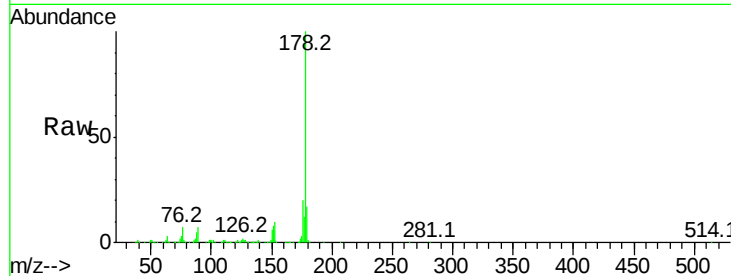
#71
 Anthracene
 Concen: 54.378 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	17.2	12.5	18.7

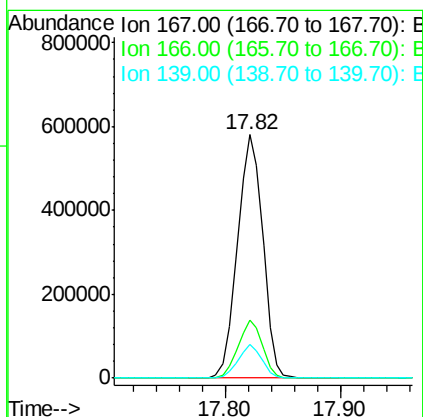
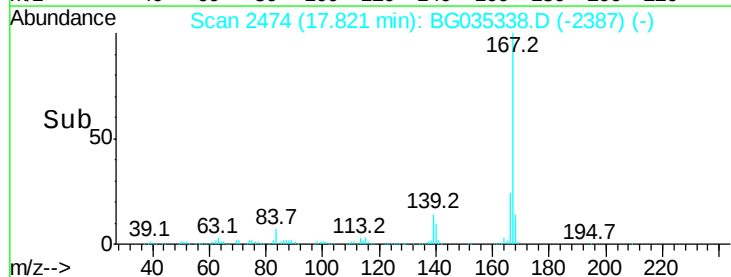
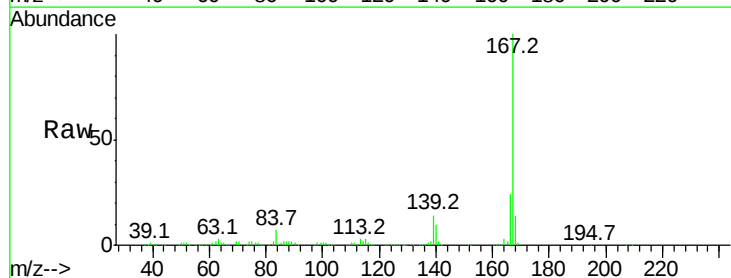
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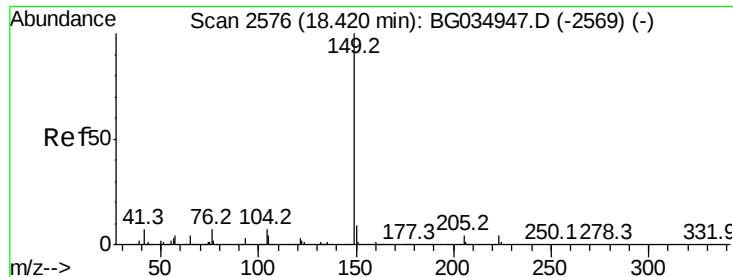
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#72
 Carbazole
 Concen: 54.316 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.0	18.2	27.4
139	13.7	9.4	14.2





#73

Di-n-butylphthalate

Concen: 50.221 ng

RT: 18.38 min Scan# 2569

Delta R.T. -0.03 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

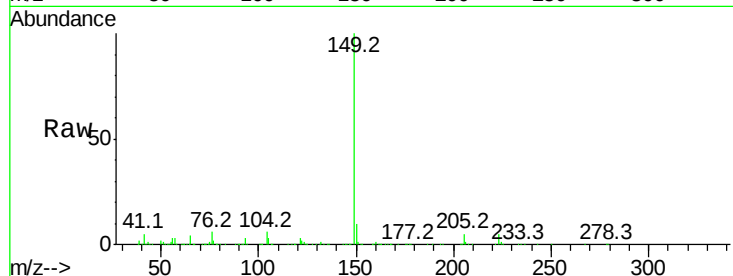
ClientSampleId :

OK-01-062018MSD

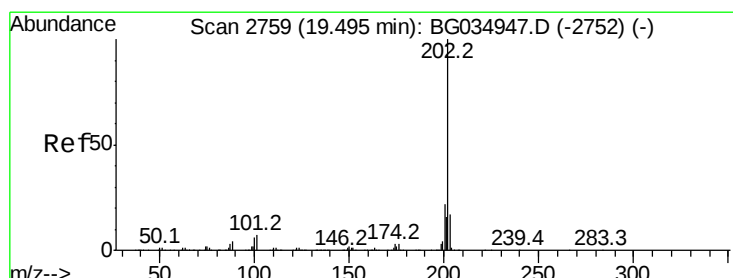
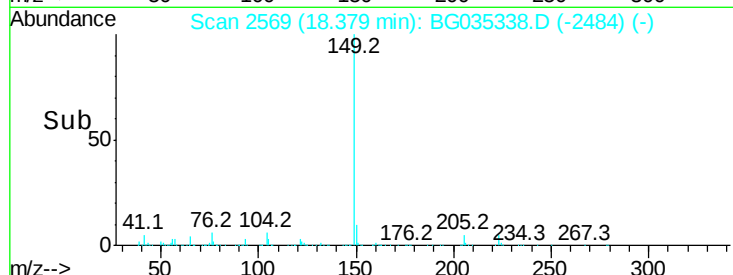
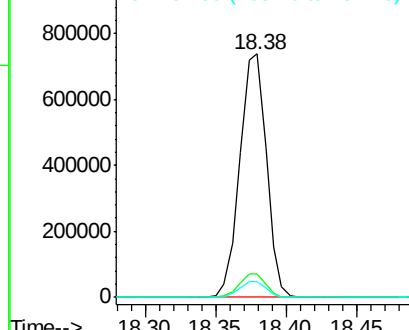
Tot Ion:	149	Resp:	972148
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	6.5	3.9	5.9#

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



#74

Fluoranthene

Concen: 55.012 ng

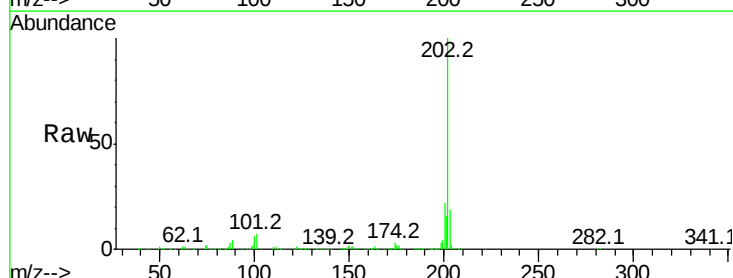
RT: 19.47 min Scan# 2754

Delta R.T. -0.02 min

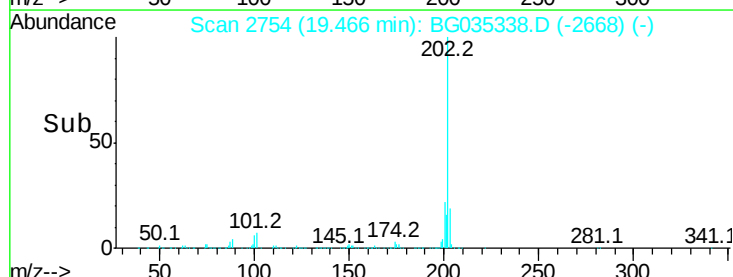
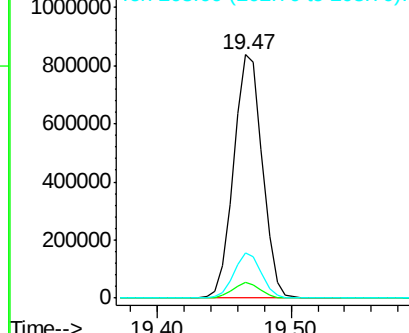
Lab File: BG035338.D

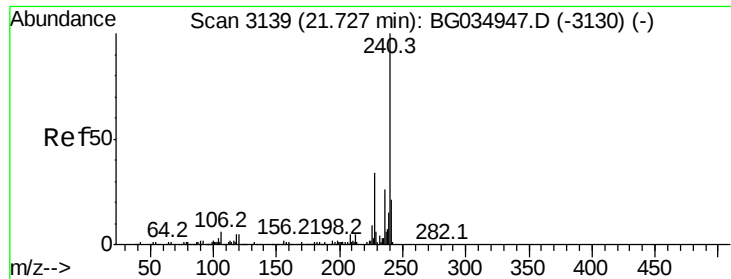
Acq: 22 Jun 2018 18:06

Tgt Ion:	202	Resp:	1250910
Ion Ratio	Lower	Upper	
202	100		
101	6.7	0.0	28.9
203	18.5	0.0	37.5



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

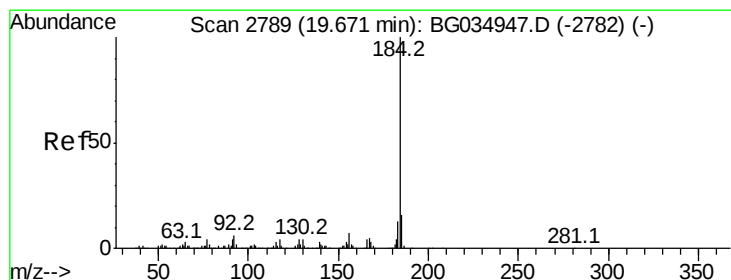
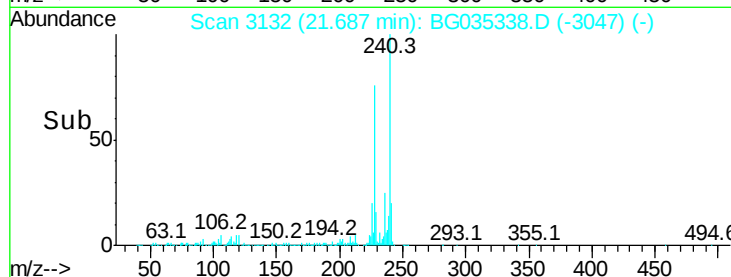
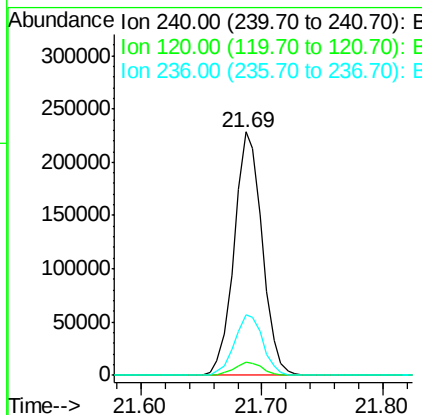
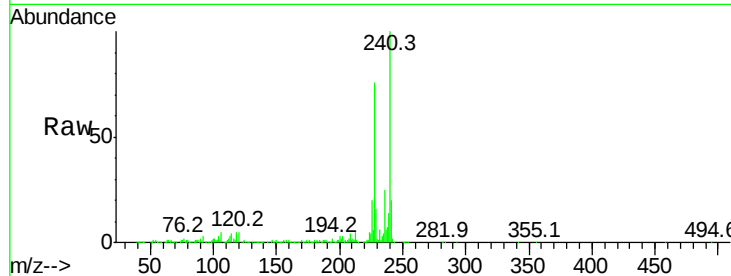
ClientSampleId :

OK-01-062018MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.4	6.8	10.2#
236	25.0	20.9	31.3

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#76

Benzidine

Concen: 7.191 ng m

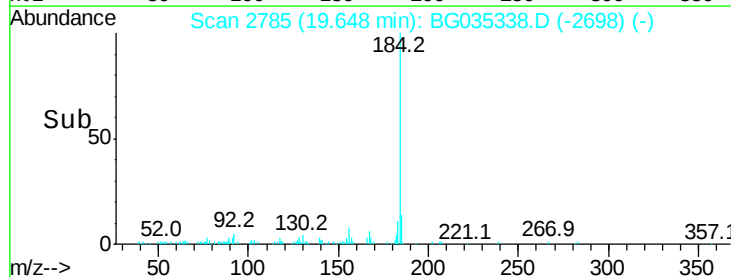
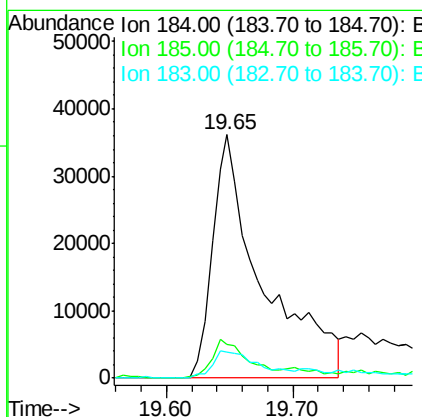
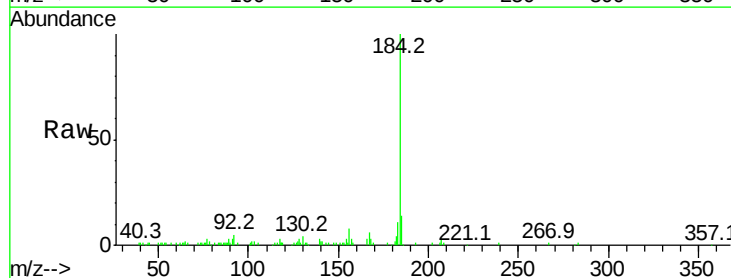
RT: 19.65 min Scan# 2785

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.1	16.7
183	10.5	10.6	16.0#





#77

Pvrene

Concen: 50.554 ng

RT: 19.83 min Scan# 2816

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

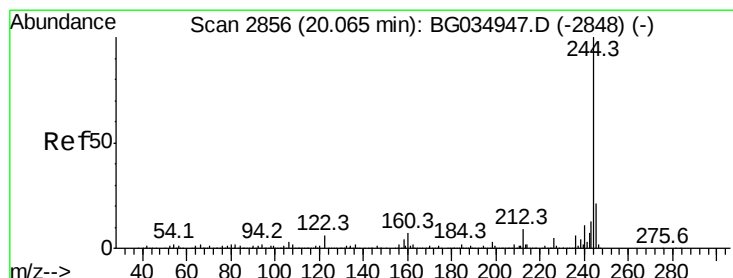
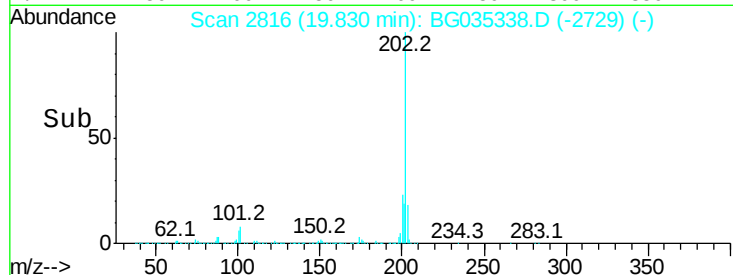
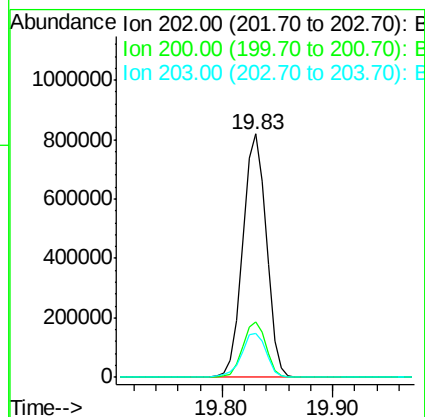
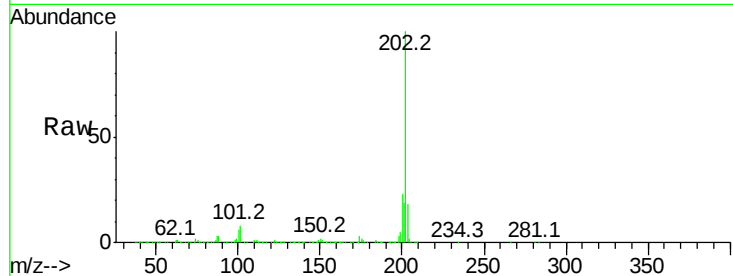
ClientSampleId :

OK-01-062018MSD

Tot Ion:	202	Resp:	1232596
Ion Ratio	Lower	Upper	
202	100		
200	22.9	16.9	25.3
203	18.2	13.9	20.9

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#78

Terphenyl-d14

Concen: 104.745 ng

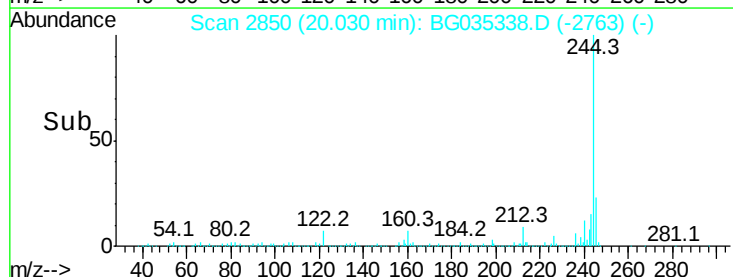
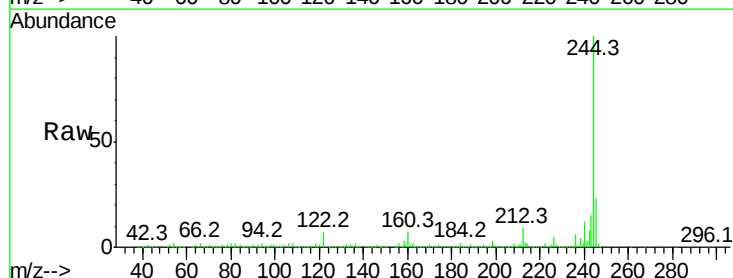
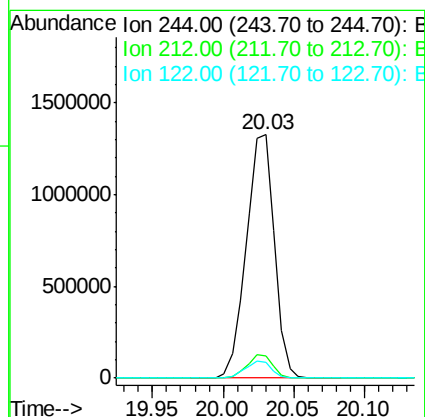
RT: 20.03 min Scan# 2850

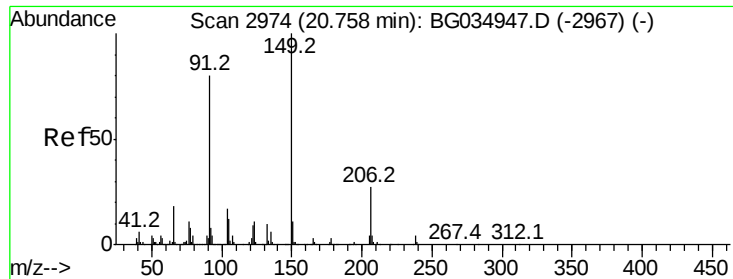
Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Tgt Ion:	244	Resp:	1849434
Ion Ratio	Lower	Upper	
244	100		
212	9.3	5.8	8.8#
122	6.7	7.0	10.4#





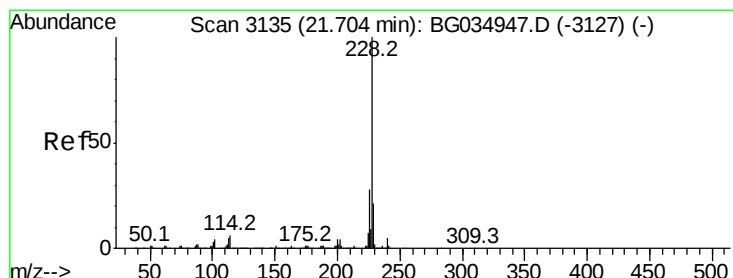
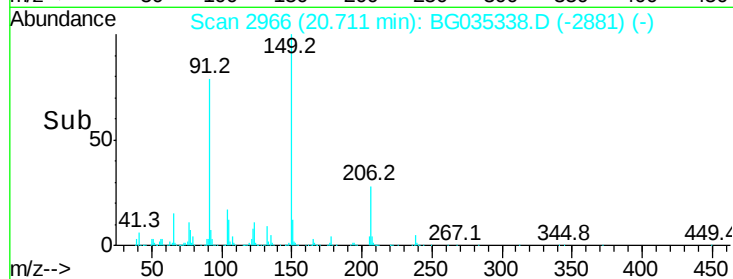
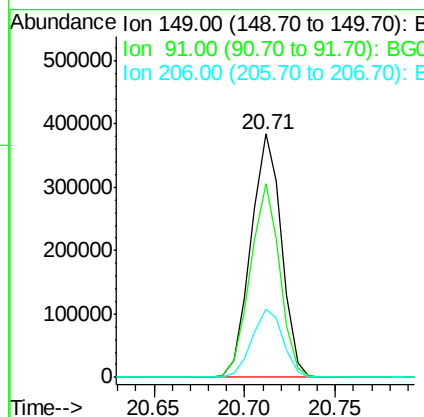
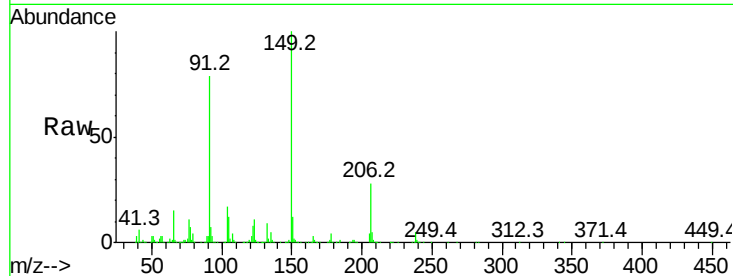
#79
Butylbenzylphthalate
Concen: 50.672 ng
RT: 20.71 min Scan# 2966
Delta R.T. -0.03 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.5	62.2	93.2
206	28.1	18.6	27.8

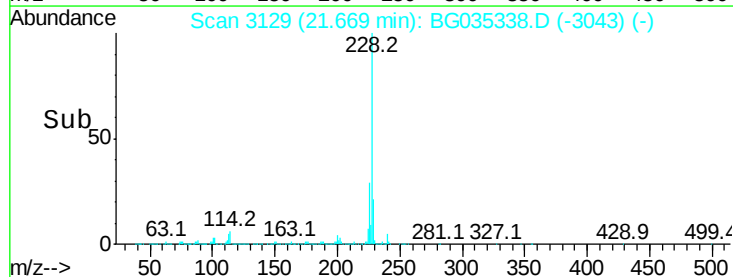
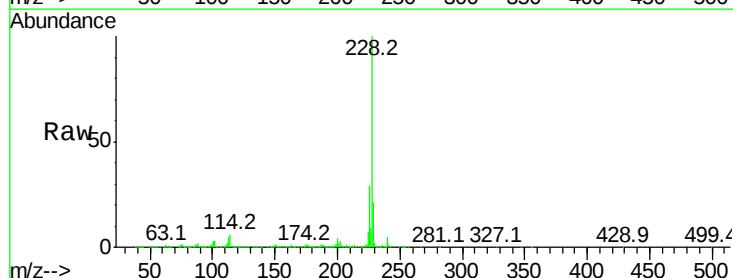
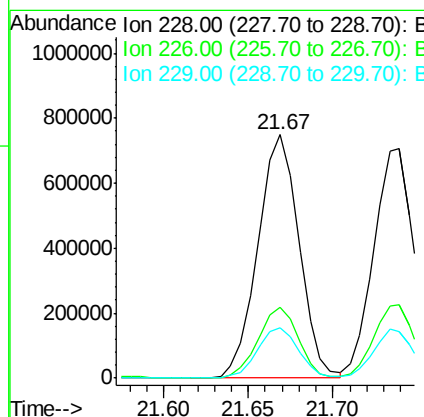
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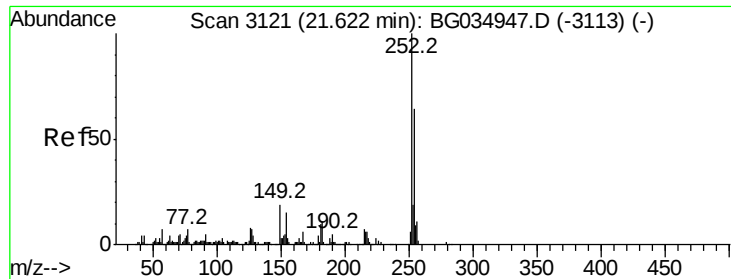
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#80
Benzo(a)anthracene
Concen: 53.403 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.7	34.1
229	20.9	16.2	24.2





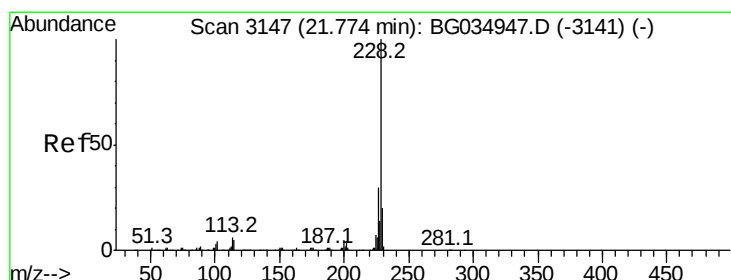
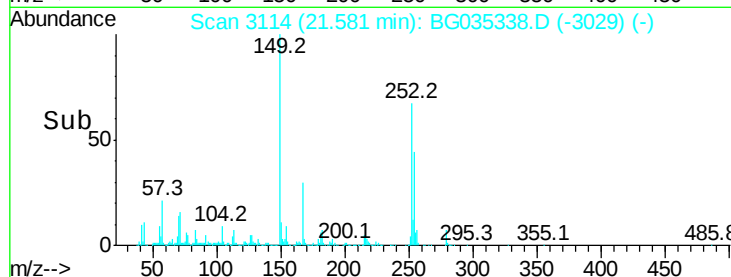
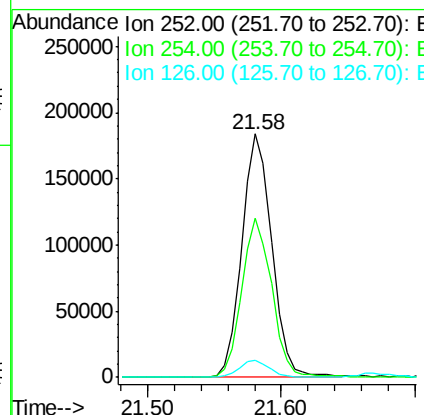
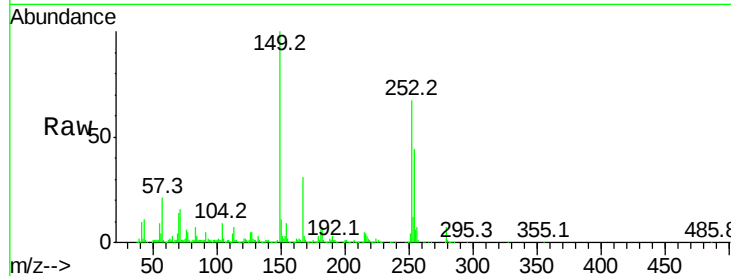
#81
 3,3'-Dichlorobenzidine
 Concen: 32.084 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.03 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.8	76.2
126	7.0	7.4	11.2#

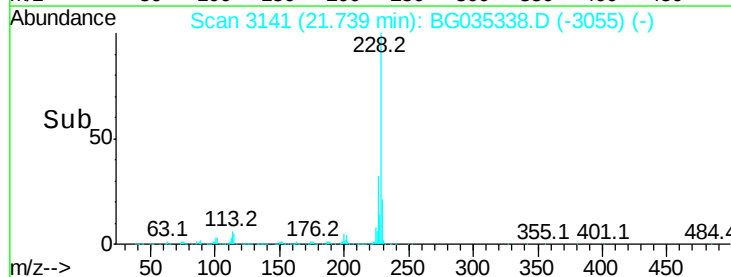
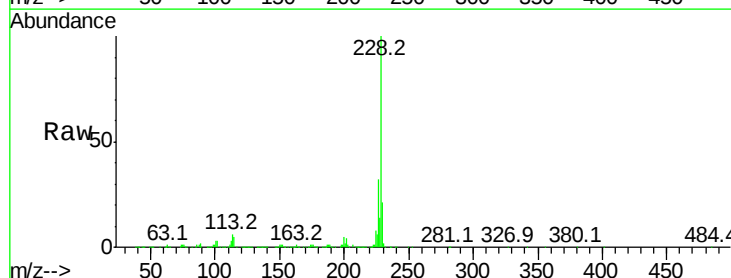
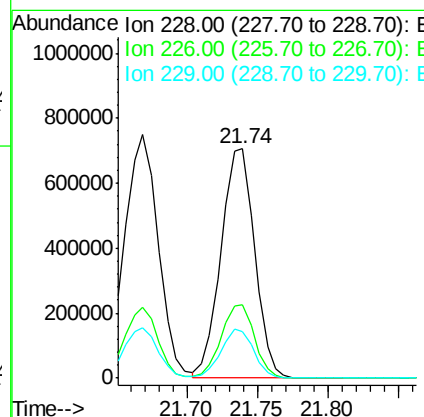
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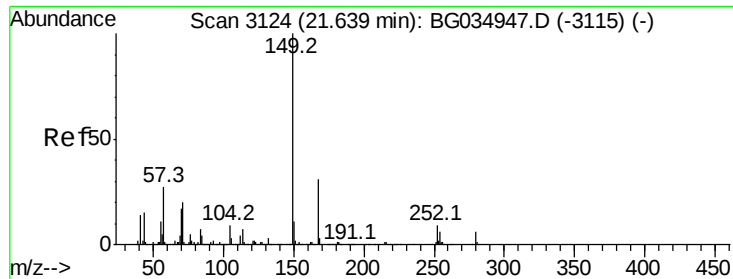
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#82
 Chrysene
 Concen: 54.113 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	20.5	15.0	22.4





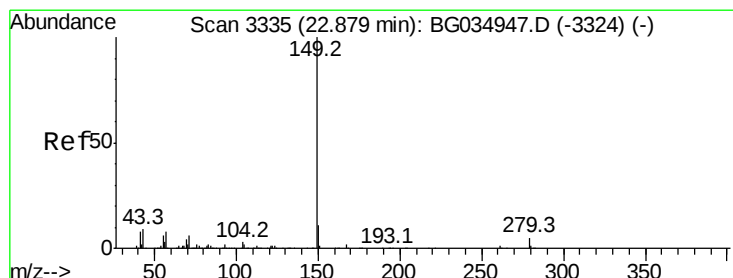
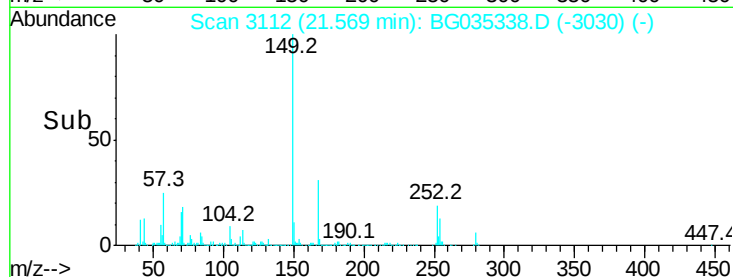
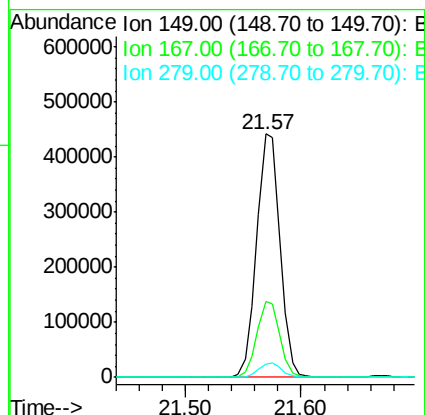
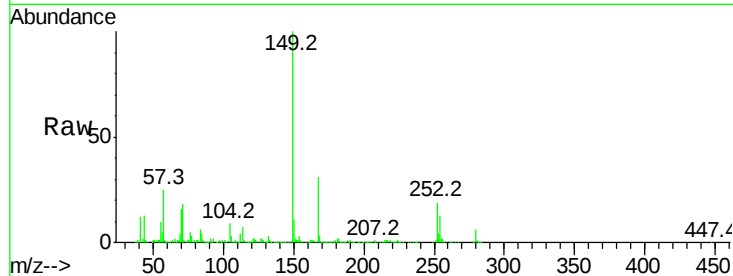
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.887 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.05 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.4	24.3	36.5
279	5.5	4.0	6.0

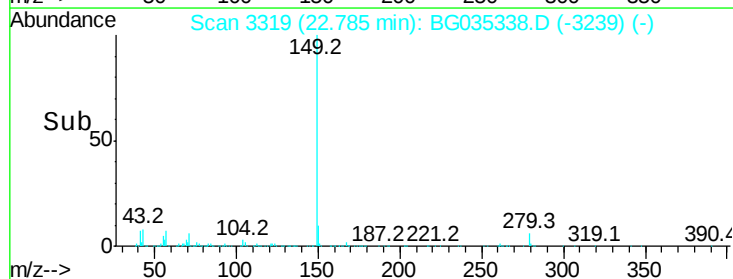
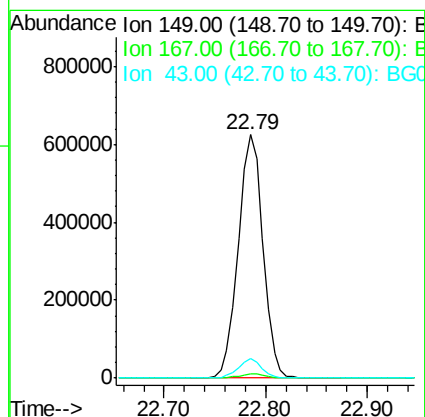
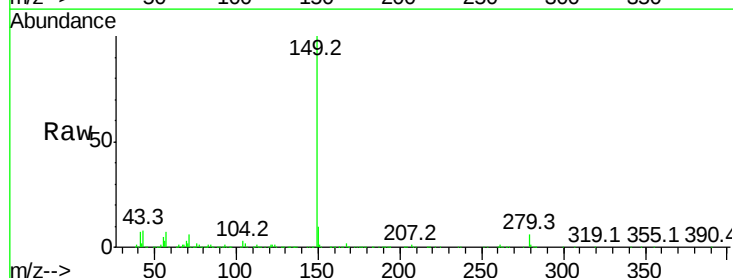
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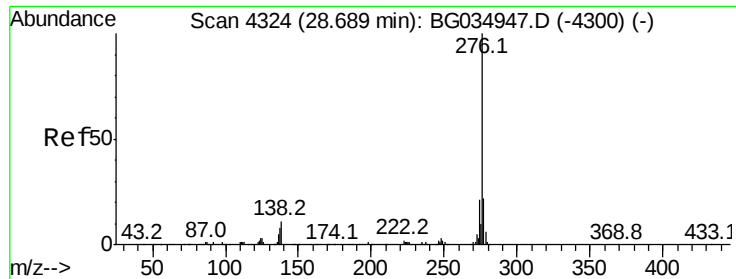
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 49.259 ng
 RT: 22.79 min Scan# 3319
 Delta R.T. -0.06 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.4	8.9	13.3#





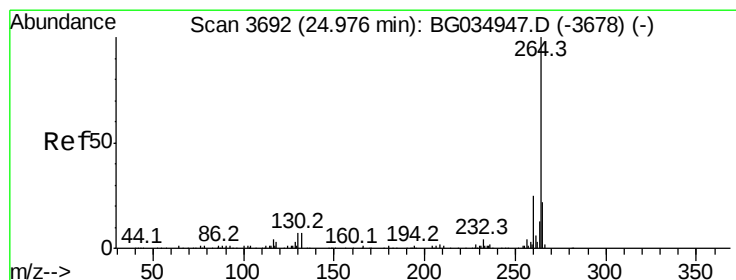
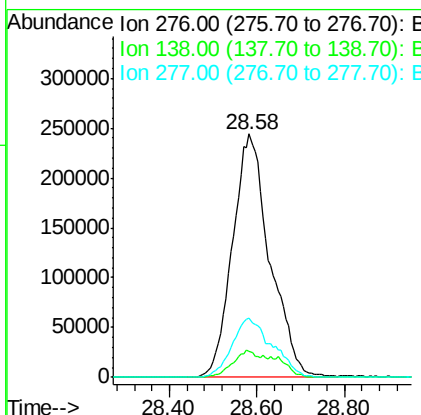
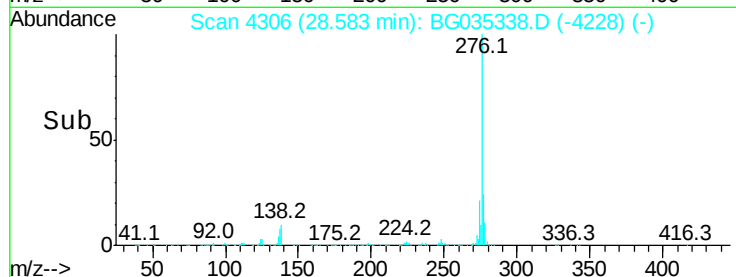
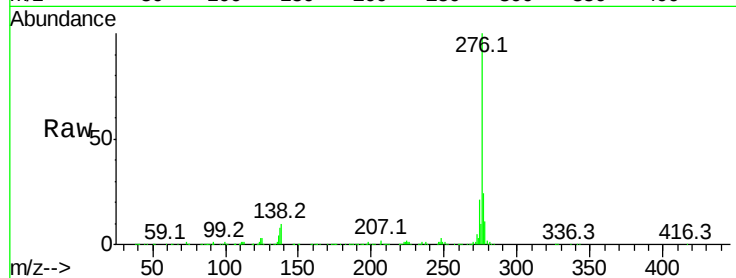
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.700 ng
 RT: 28.58 min Scan# 4306
 Delta R.T. -0.07 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.4	16.0	24.0#
277	26.2	20.0	30.0

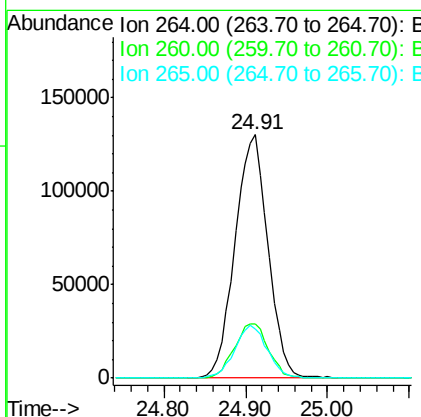
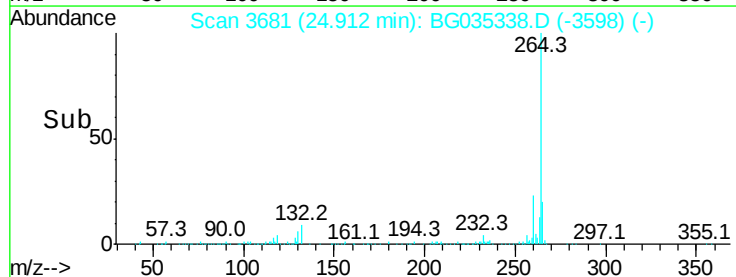
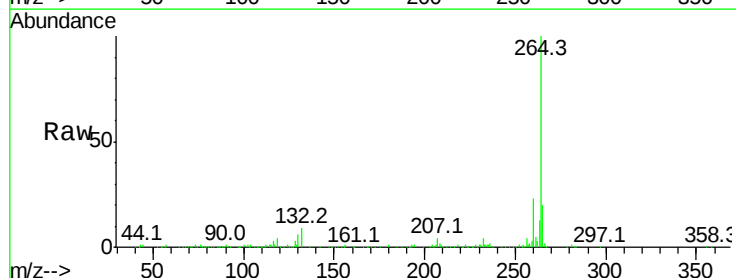
Manual Integrations
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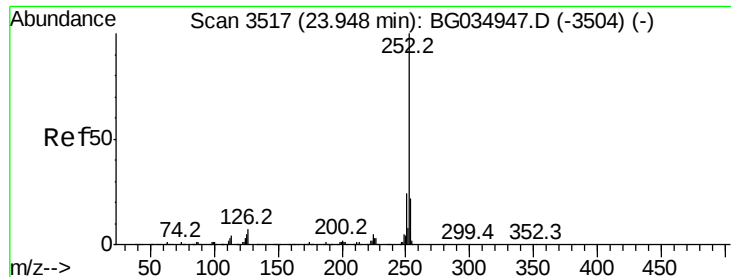
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3681
 Delta R.T. -0.04 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	20.2	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 54.818 ng

RT: 23.89 min Scan# 3507

Delta R.T. -0.04 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

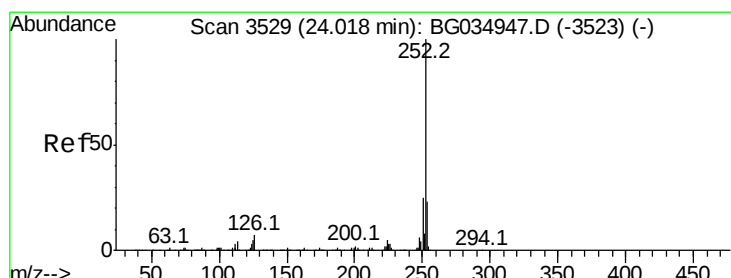
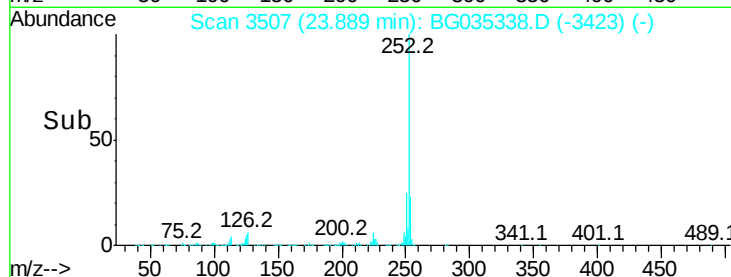
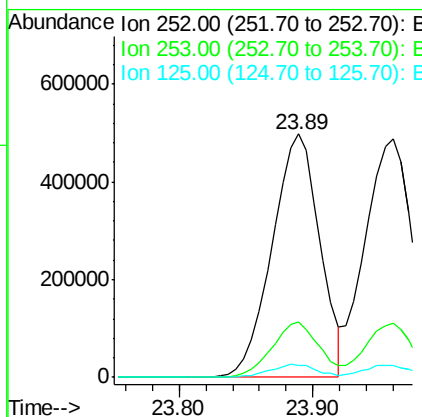
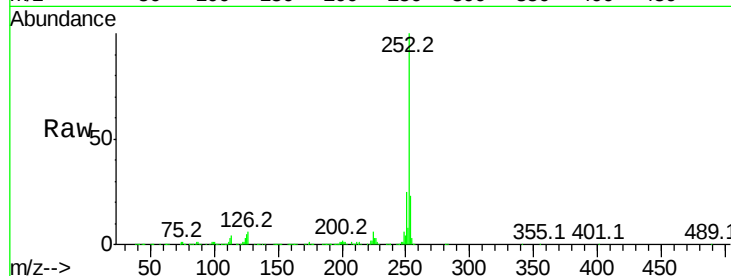
ClientSampleId :

OK-01-062018MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	5.0	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 54.502 ng

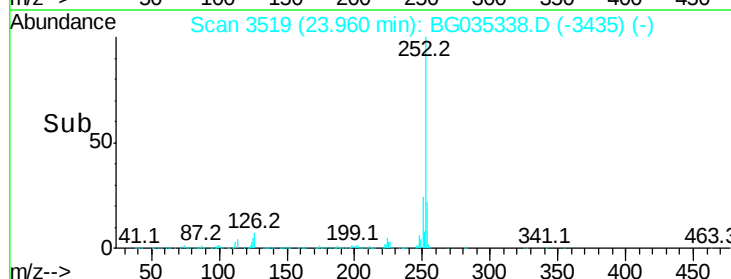
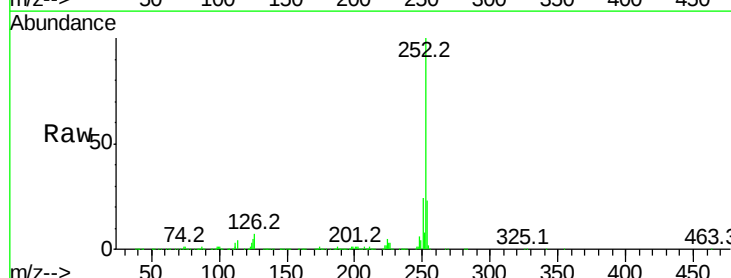
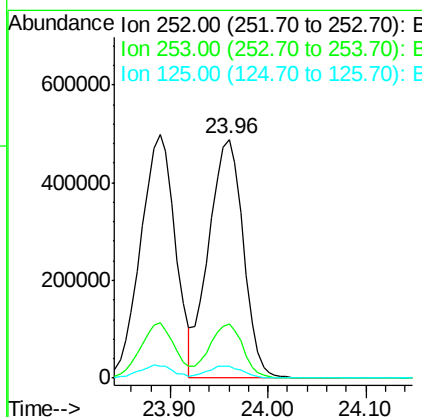
RT: 23.96 min Scan# 3519

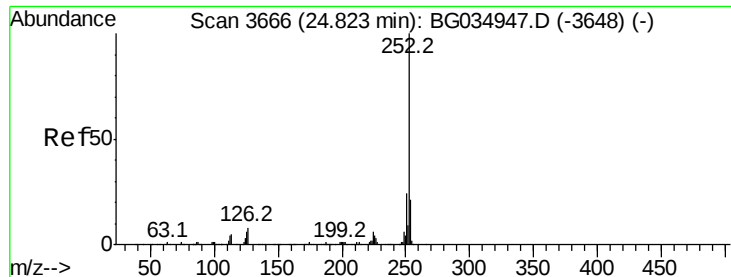
Delta R.T. -0.04 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	5.2	6.6	9.8





#89

Benzo(a)pyrene

Concen: 56.833 ng

RT: 24.76 min Scan# 3655

Delta R.T. -0.05 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

ClientSampleId :

OK-01-062018MSD

Tot Ion:252 Resp: 1200349

Ion Ratio Lower Upper

252 100

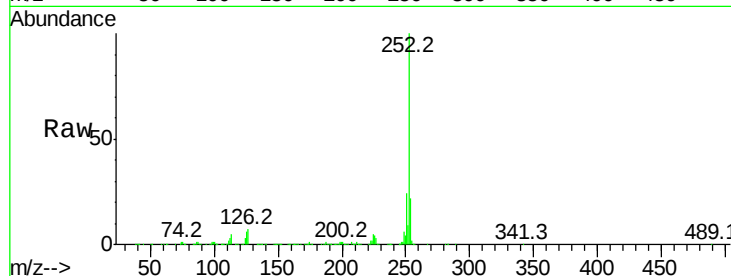
253 22.5 18.3 27.5

125 5.6 7.3 10.9#

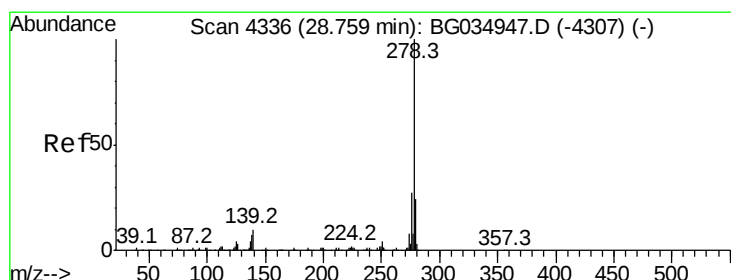
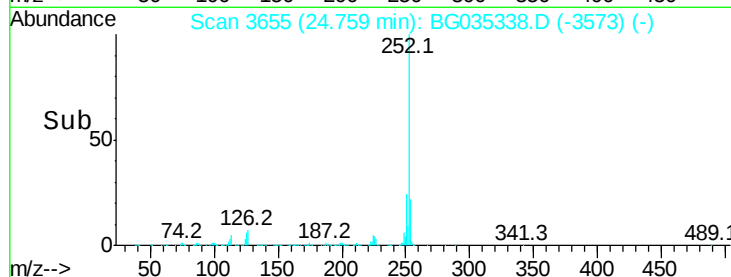
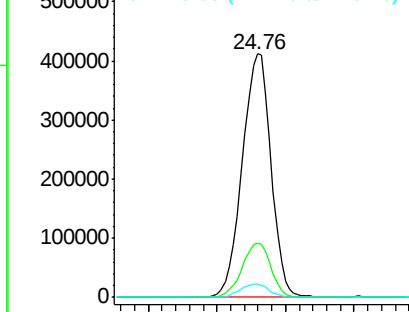
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 54.736 ng

RT: 28.64 min Scan# 4316

Delta R.T. -0.08 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Tgt Ion:278 Resp: 1141222

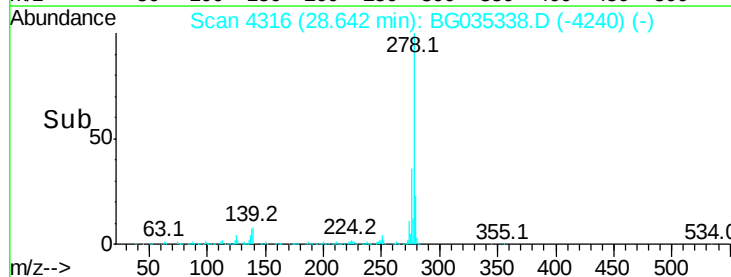
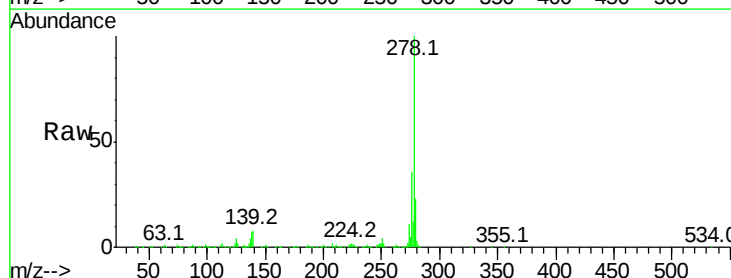
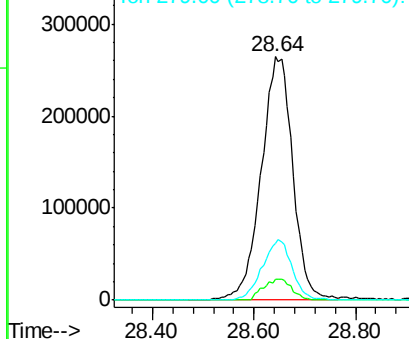
Ion Ratio Lower Upper

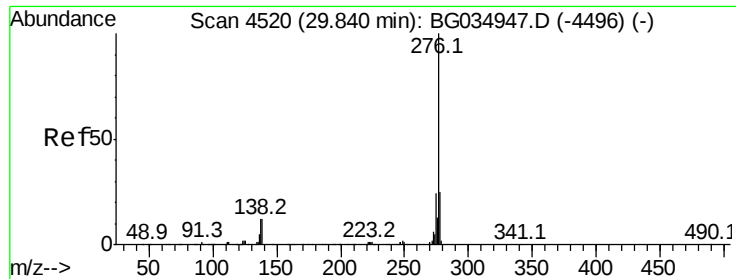
278 100

139 8.4 9.8 14.6#

279 23.5 18.4 27.6

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 57.251 ng
 RT: 29.73 min Scan# 4502
 Delta R.T. -0.07 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.3	27.5
138	11.0	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 6/25/2018 5:19:10 PM

