

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
 Data File : BG036067.D
 Acq On : 2 Aug 2018 19:26
 Operator : JU/SJ
 Sample : J3826-06MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-073118MSD

Manual Integrations
 APPROVED

Sohil
 8/3/2018 12:58:35 PM

Quant Time: Aug 03 01:27:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31482	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	118562	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	87819	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	243401	20.00	ng	0.00
75) Chrysene-d12	21.66	240	271242	20.00	ng	0.00
86) Perylene-d12	24.85	264	262397	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	264167	139.31	ng	0.00
7) Phenol-d6	7.19	99	362605	128.17	ng	0.00
23) Nitrobenzene-d5	9.19	82	285199	100.49	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	202036	174.54	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	640823	97.76	ng	0.00
78) Terphenyl-d14	20.00	244	1281259	104.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	31517	32.656	ng	# 74
3) Pyridine	3.93	79	59807	23.737	ng	# 77
4) n-Nitrosodimethylamine	3.83	42	40346	37.294	ng	# 75
6) Aniline	7.35	93	80235	21.880	ng	98
8) 2-Chlorophenol	7.59	128	94709	49.108	ng	91
9) Benzaldehyde	7.16	77	35148	20.247	ng	88
10) Phenol	7.22	94	118492	41.455	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	97394	43.509	ng	86
12) 1,3-Dichlorobenzene	7.91	146	96790	41.560	ng	96
13) 1,4-Dichlorobenzene	8.06	146	98239	41.516	ng	99
14) 1,2-Dichlorobenzene	8.37	146	95933	42.201	ng	93
15) Benzyl Alcohol	8.26	79	108773	42.338	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.54	45	106549	56.776	ng	76
17) 2-Methylphenol	8.47	107	93514	48.120	ng	# 91
18) Hexachloroethane	9.10	117	37221	41.139	ng	87
19) n-Nitroso-di-n-propylamine	8.83	70	93975	39.446	ng	# 82
20) 3+4-Methylphenols	8.79	107	125677	46.617	ng	95
22) Acetophenone	8.84	105	172254	46.720	ng	# 90
24) Nitrobenzene	9.23	77	136866	47.951	ng	94
25) Isophorone	9.74	82	267091	50.696	ng	99
26) 2-Nitrophenol	9.94	139	58464	57.674	ng	# 93
27) 2,4-Dimethylphenol	10.00	122	101812	59.334	ng	92
28) bis(2-Chloroethoxy)methane	10.22	93	136273	46.941	ng	99
29) 2,4-Dichlorophenol	10.48	162	112559	57.465	ng	94
30) 1,2,4-Trichlorobenzene	10.68	180	118552	49.359	ng	97
31) Naphthalene	10.88	128	426240	69.015	ng	99
32) Benzoic acid	10.18	122	37865m	32.780	ng	
33) 4-Chloroaniline	11.00	127	22748	8.451	ng	94
34) Hexachlorobutadiene	11.15	225	90014	48.061	ng	93
35) Caprolactam	11.78	113	30619m	36.427	ng	
36) 4-Chloro-3-methylphenol	12.11	107	136865	52.129	ng	93
37) 2-Methylnaphthalene	12.47	142	244082	53.047	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	162997	49.176	ng	98
40) Hexachlorocyclopentadiene	12.82	237	185215	106.549	ng	91

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	108260	55.851	nq	97
43) 2,4,5-Trichlorophenol	13.16	196	116734	53.833	nq	98
45) 1,1'-Biphenyl	13.48	154	334199	49.085	nq	99
46) 2-Chloronaphthalene	13.53	162	265021	50.042	nq	98
47) 2-Nitroaniline	13.73	65	95901	51.221	nq	96
48) Acenaphthylene	14.37	152	445616	50.231	nq	97
49) Dimethylphthalate	14.10	163	381504	49.583	nq	98
50) 2,6-Dinitrotoluene	14.22	165	86414	55.152	nq	91
51) Acenaphthene	14.71	154	263006	47.592	nq	98
52) 3-Nitroaniline	14.55	138	47215	29.483	nq #	90
53) 2,4-Dinitrophenol	14.77	184	64168	79.669	nq #	74
54) Dibenzofuran	15.04	168	446045	50.751	nq	93
55) 4-Nitrophenol	14.88	139	98454	86.328	nq #	85
56) 2,4-Dinitrotoluene	15.01	165	130200	57.922	nq #	84
57) Fluorene	15.69	166	375676	50.999	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.27	232	124459	59.862	nq	90
59) Diethylphthalate	15.46	149	383919	48.526	nq	99
60) 4-Chlorophenyl-phenylether	15.68	204	213651	49.347	nq	98
61) 4-Nitroaniline	15.72	138	81384	48.583	nq #	84
62) Azobenzene	15.98	77	381716	48.913	nq	94
64) 4,6-Dinitro-2-methylphenol	15.78	198	69951	51.627	nq	90
65) n-Nitrosodiphenylamine	15.90	169	331553	47.856	nq	98
66) 4-Bromophenyl-phenylether	16.58	248	149503	52.943	nq	98
67) Hexachlorobenzene	16.70	284	155028	53.310	nq	94
68) Atrazine	16.85	200	137608	48.241	nq	98
69) Pentachlorophenol	17.05	266	146720	82.833	nq	97
70) Phenanthrene	17.43	178	614551	50.600	nq	96
71) Anthracene	17.52	178	630388	52.127	nq	98
72) Carbazole	17.80	167	567757	49.435	nq	99
73) Di-n-butylphthalate	18.34	149	664902	48.991	nq #	98
74) Fluoranthene	19.44	202	821006	50.185	nq	96
76) Benzidine	19.63	184	49018	6.874	nq	99
77) Pyrene	19.80	202	826628	48.197	nq	98
79) Butylbenzylphthalate	20.68	149	320290	52.222	nq #	93
80) Benzo(a)anthracene	21.63	228	861323	50.957	nq	99
81) 3,3'-Dichlorobenzidine	21.55	252	197412	33.495	nq #	98
82) Chrysene	21.70	228	803664	51.308	nq	98
83) Bis(2-ethylhexyl)phthalate	21.53	149	430980	51.688	nq	97
84) Di-n-octyl phthalate	22.73	149	737390	52.817	nq #	92
85) Indeno(1,2,3-cd)pyrene	28.49	276	894133	51.559	nq #	88
87) Benzo(b)fluoranthene	23.84	252	829964	52.041	nq #	97
88) Benzo(k)fluoranthene	23.90	252	782540	50.189	nq #	98
89) Benzo(a)pyrene	24.71	252	784024	52.842	nq #	97
90) Dibenzo(a,h)anthracene	28.55	278	737187	50.609	nq #	96
91) Benzo(g,h,i)perylene	29.63	276	732765	51.408	nq #	93

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

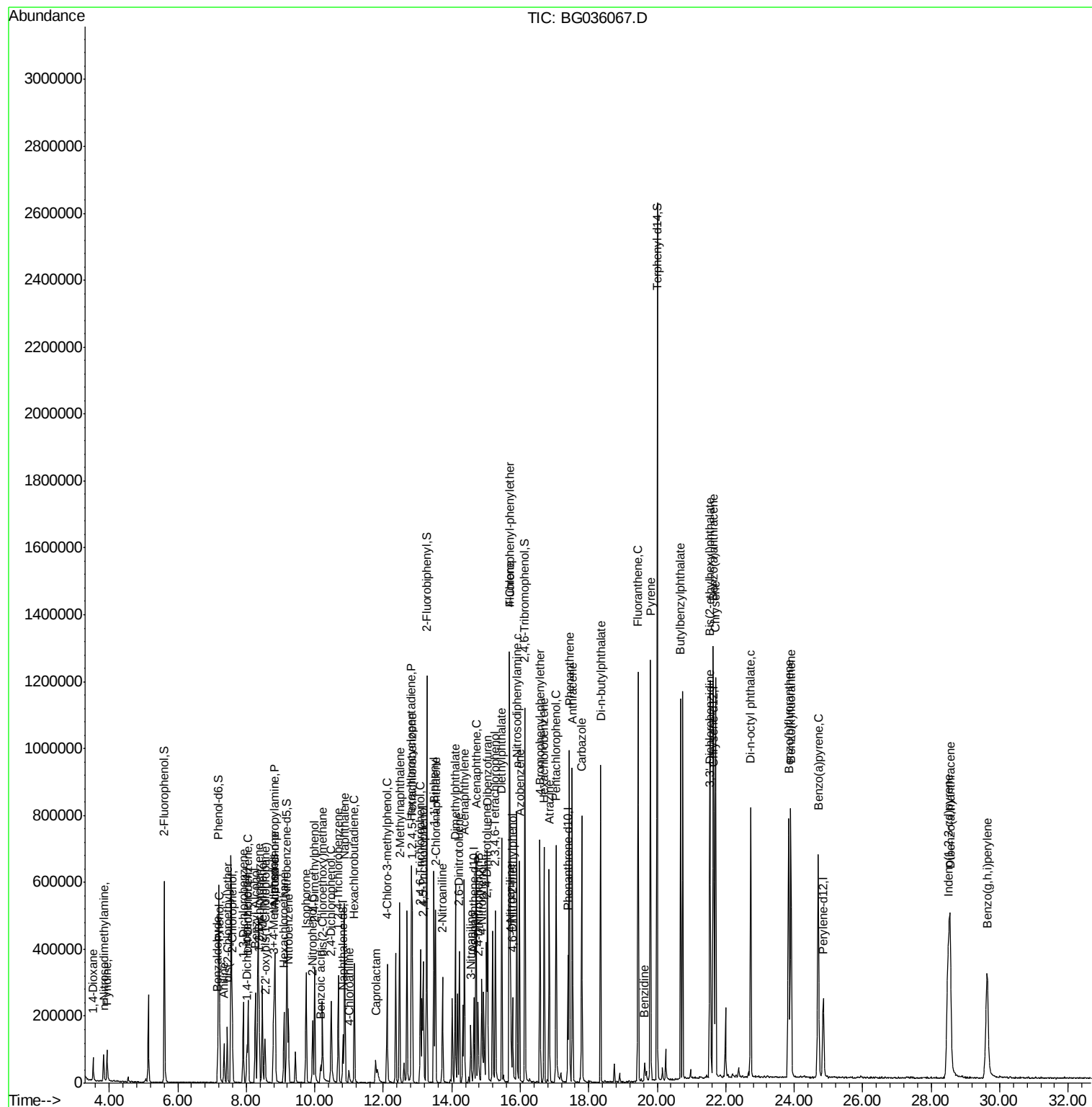
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#1

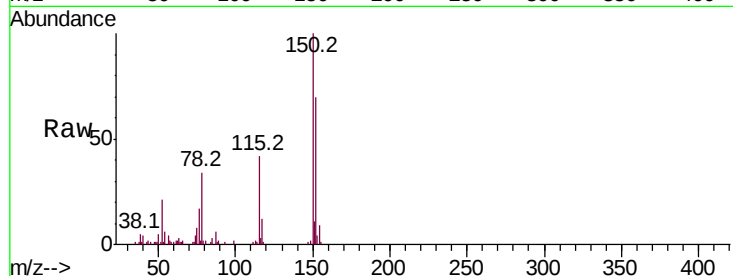
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-073118MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.7	126.6	189.8
115	60.0	53.0	79.4

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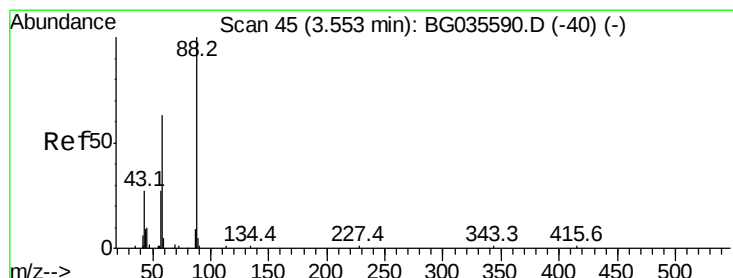
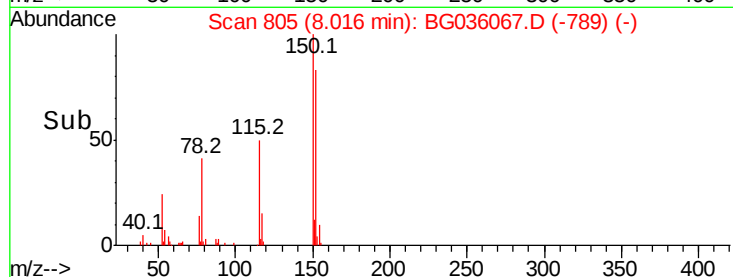
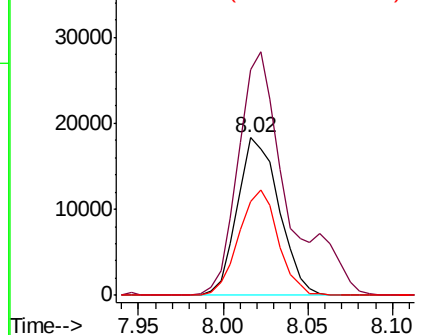


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

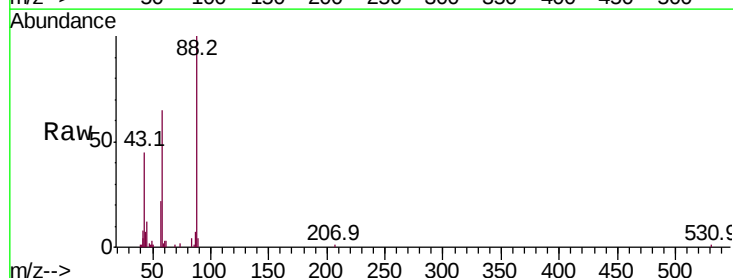
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 32.656 ng
 RT: 3.53 min Scan# 41
 Delta R.T. 0.00 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	79.6	119.4#
43	43.5	27.4	41.0#

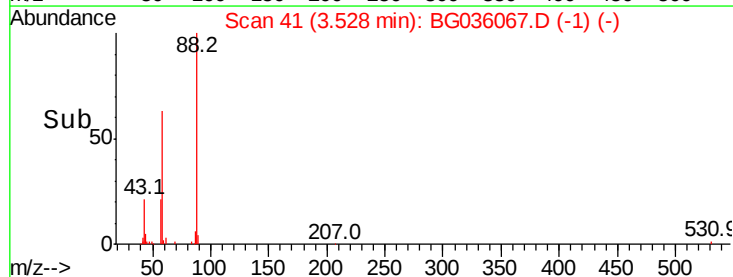
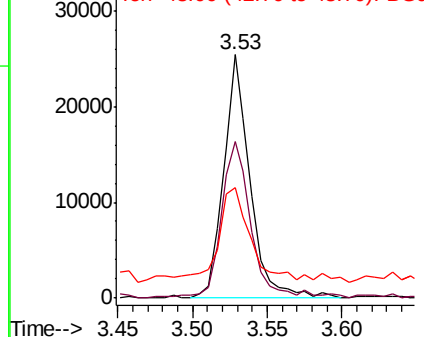


Abundance

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: 23.737 ng

RT: 3.93 min Scan# 109

Delta R.T. 0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

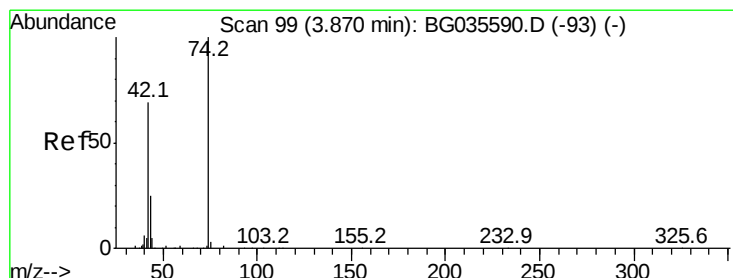
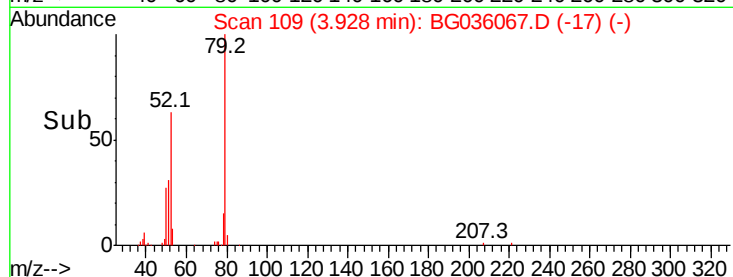
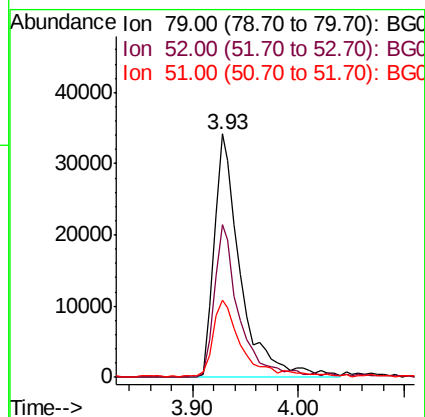
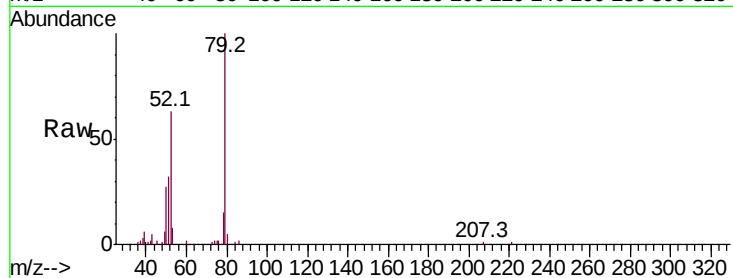
ClientSampleId :

OK-03-073118MSD

Tot Ion:	79	Resp:	59807
Ion Ratio	Lower	Upper	
79	100		
52	62.9	69.9	104.9#
51	31.9	34.0	51.0#

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#4

n-Nitrosodimethylamine

Concen: 37.294 ng

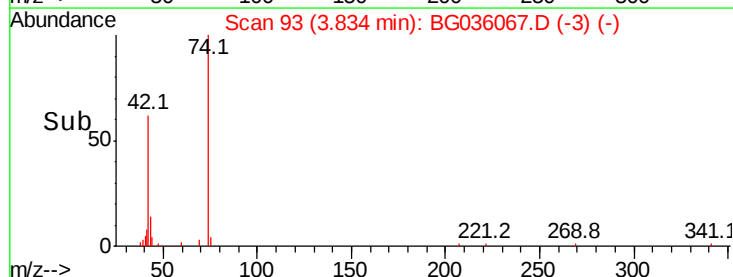
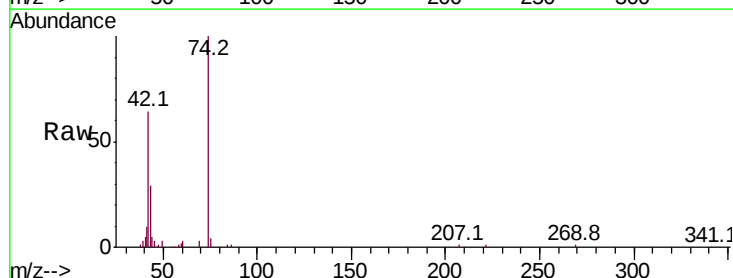
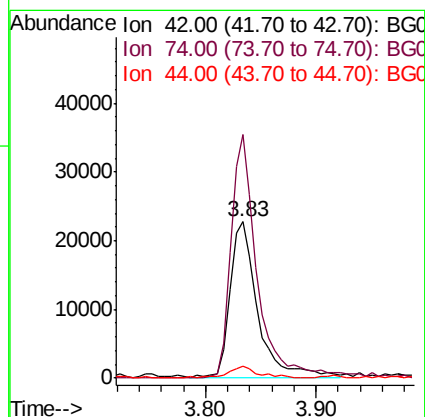
RT: 3.83 min Scan# 93

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion:	42	Resp:	40346
Ion Ratio	Lower	Upper	
42	100		
74	155.7	102.5	153.7#
44	7.4	18.9	28.3#





#5

2-Fluorophenol

Concen: 139.311 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

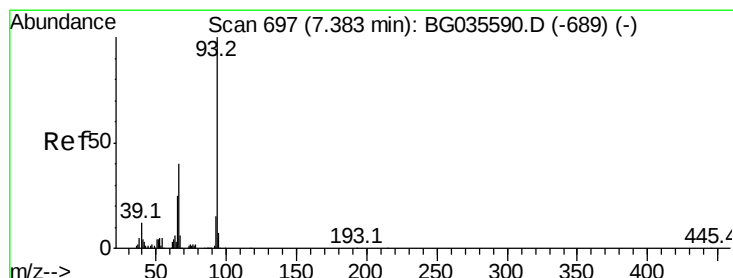
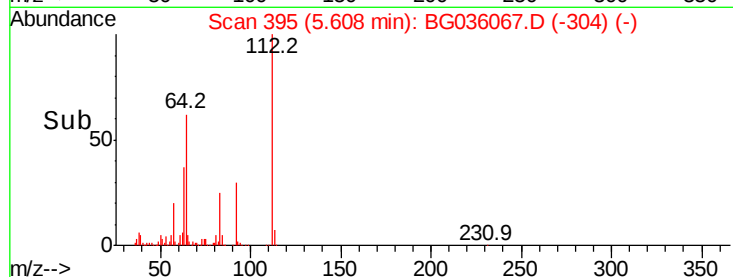
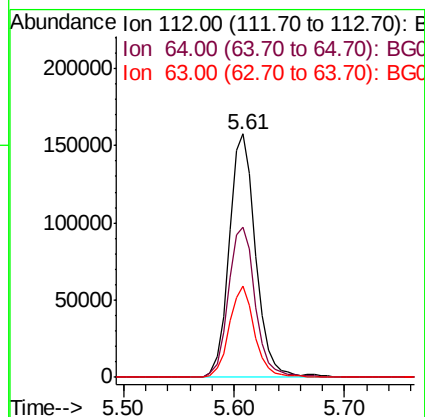
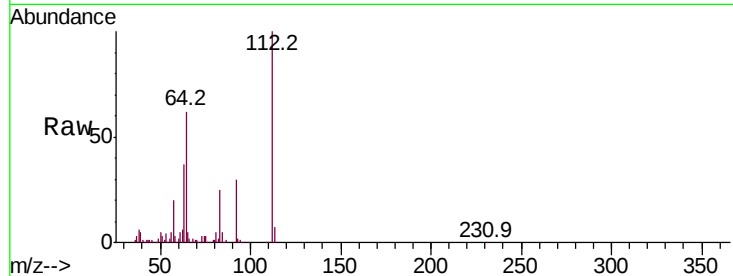
ClientSampleId :

OK-03-073118MSD

Tot Ion:	112	Resp:	264167
Ion Ratio	Lower	Upper	
112	100		
64	61.8	56.3	84.5
63	37.4	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 21.880 ng

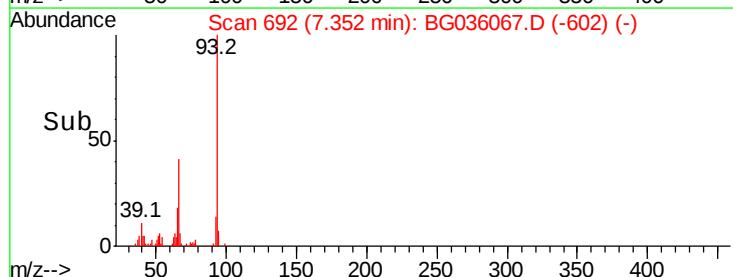
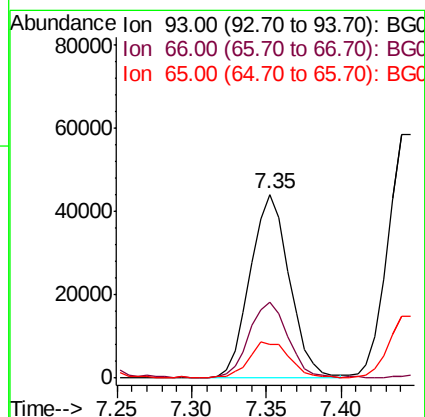
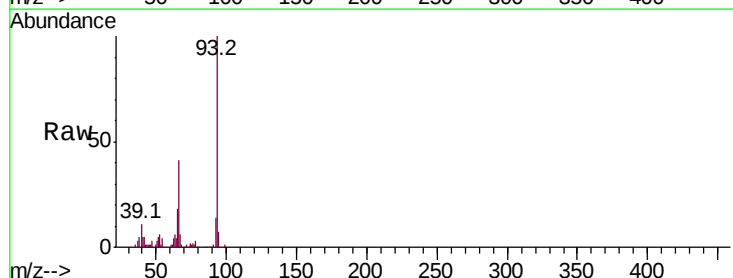
RT: 7.35 min Scan# 692

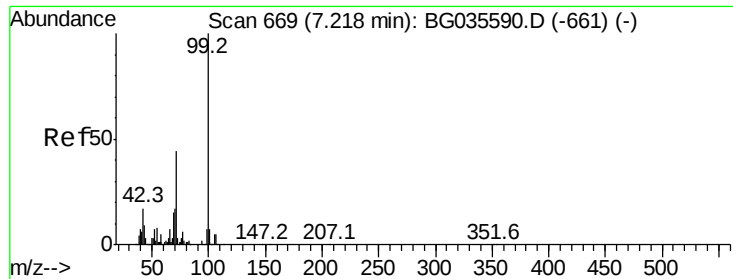
Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion:	93	Resp:	80235
Ion Ratio	Lower	Upper	
93	100		
66	41.3	33.7	50.5
65	18.1	16.1	24.1





#7

Phenol-d6

Concen: 128.167 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

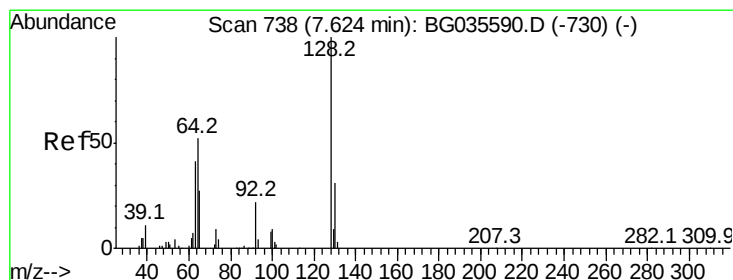
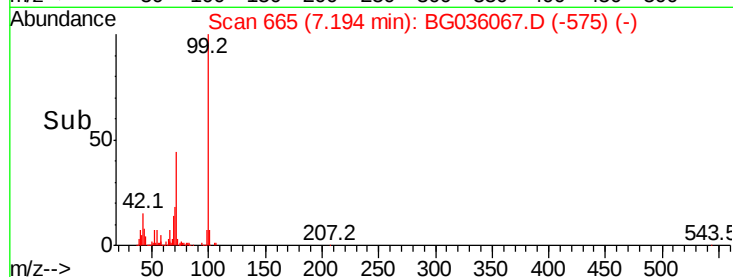
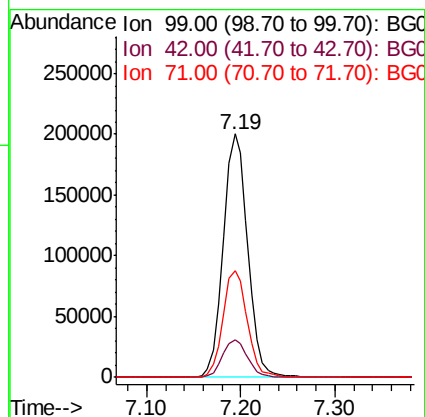
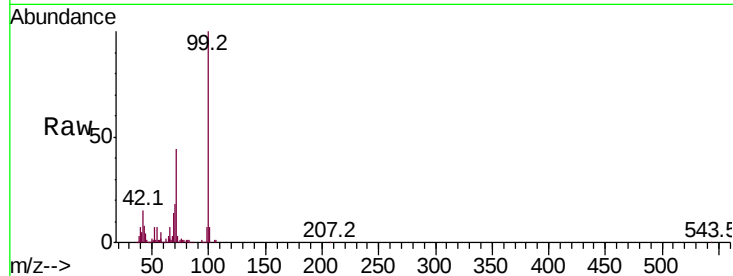
ClientSampleId :

OK-03-073118MSD

Tot Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.1	21.1
71	43.8	26.1	39.1#

Manual Integrations
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#8

2-Chlorophenol

Concen: 49.108 ng

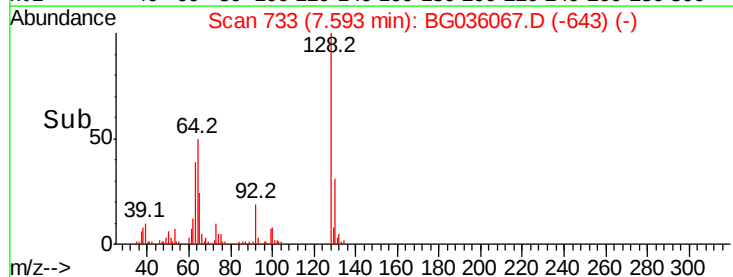
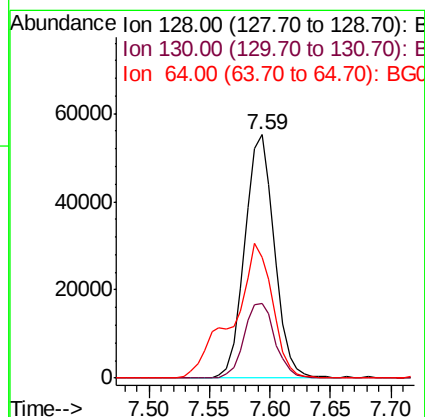
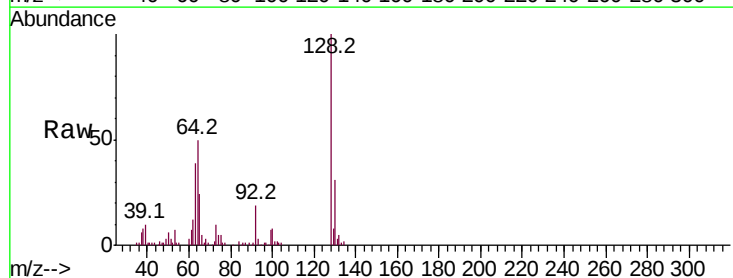
RT: 7.59 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
128	100		
130	30.7	14.0	54.0
64	49.8	37.7	77.7





#9

Benzaldehyde

Concen: 20.247 ng

RT: 7.16 min Scan# 660

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

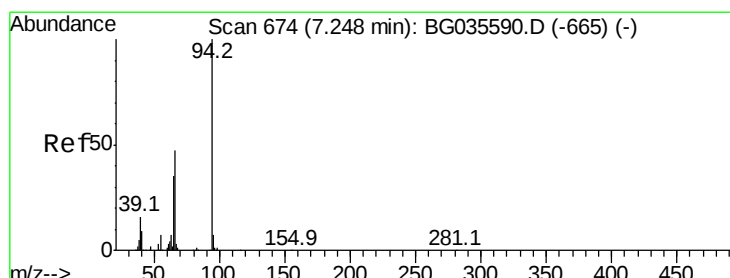
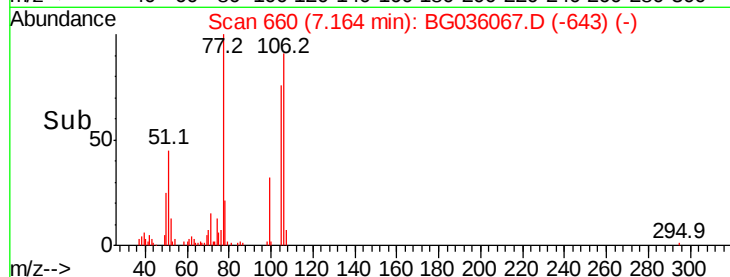
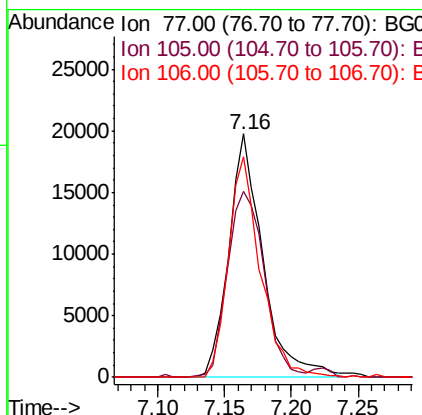
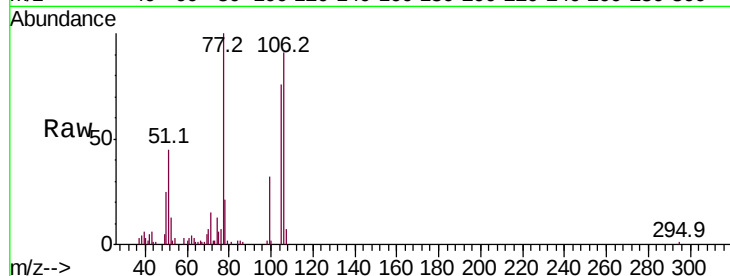
ClientSampleId :

OK-03-073118MSD

Tot Ion:	77	Resp:	35148
Ion	Ratio	Lower	Upper
77	100		
105	76.3	71.3	111.3
106	90.8	64.2	104.2

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#10

Phenol

Concen: 41.455 ng

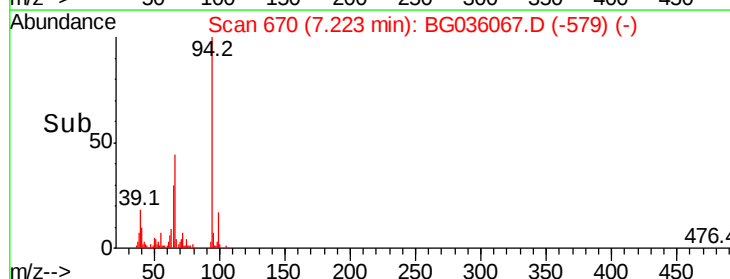
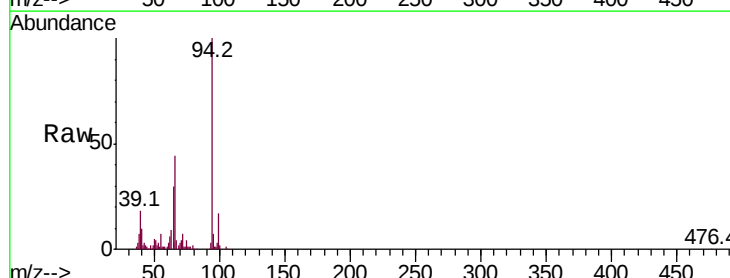
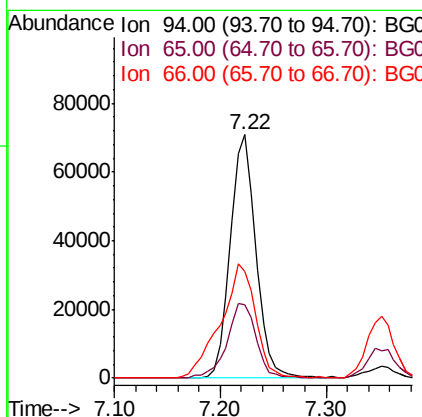
RT: 7.22 min Scan# 670

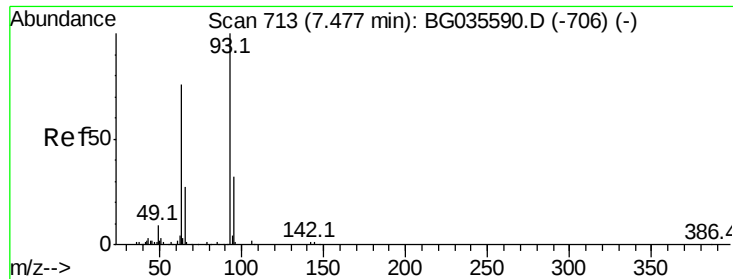
Delta R.T. 0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion:	94	Resp:	118492
Ion	Ratio	Lower	Upper
94	100		
65	30.4	11.9	51.9
66	43.6	22.2	62.2





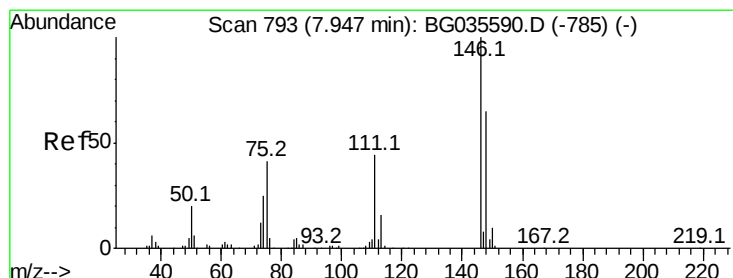
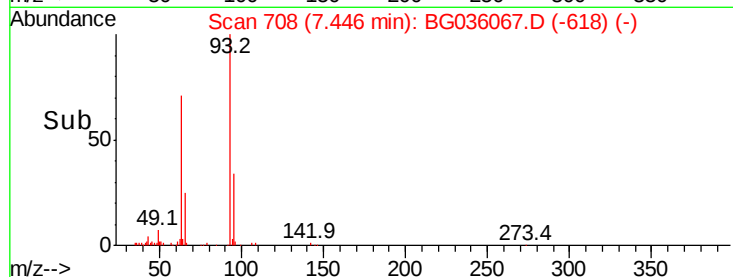
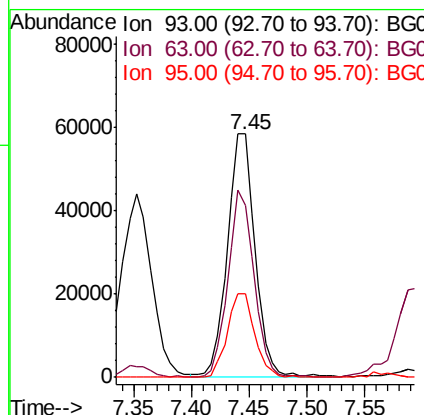
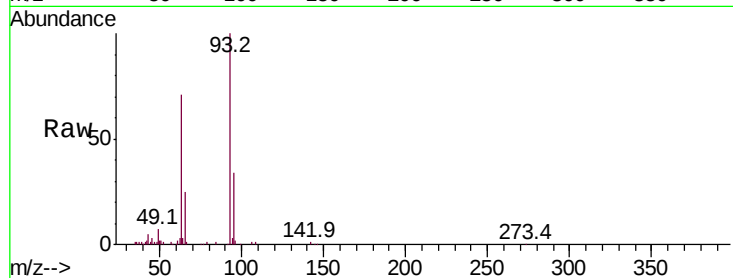
#11
bis(2-Chloroethyl)ether
Concen: 43.509 ng
RT: 7.45 min Scan# 708
Delta R.T. -0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.8	67.1	107.1
95	34.4	11.5	51.5

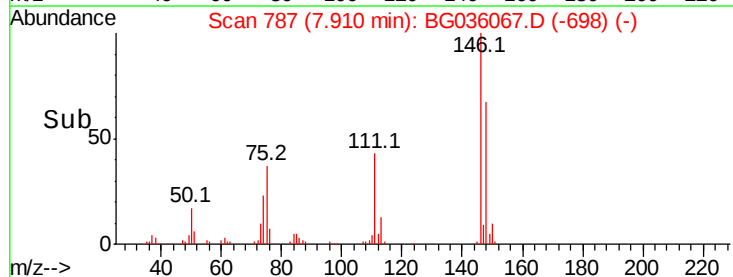
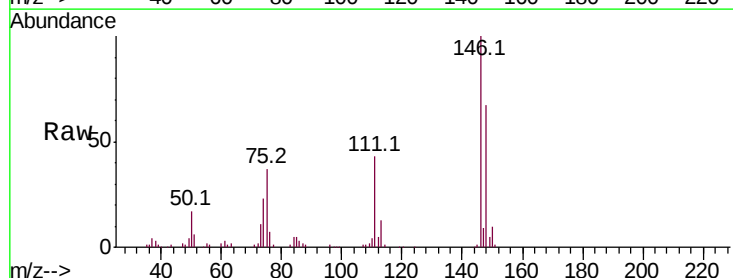
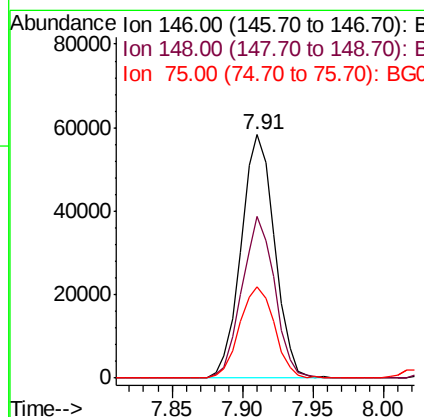
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 41.560 ng
RT: 7.91 min Scan# 787
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.4	77.2
75	37.3	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 41.516 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

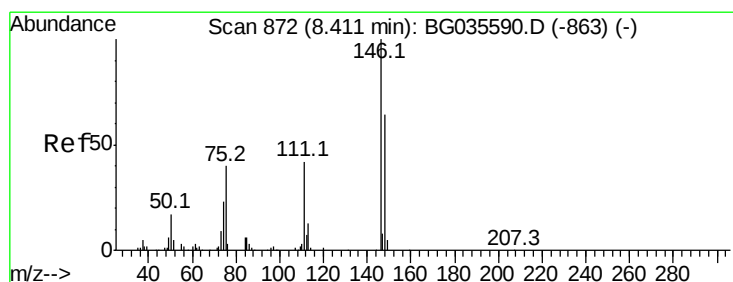
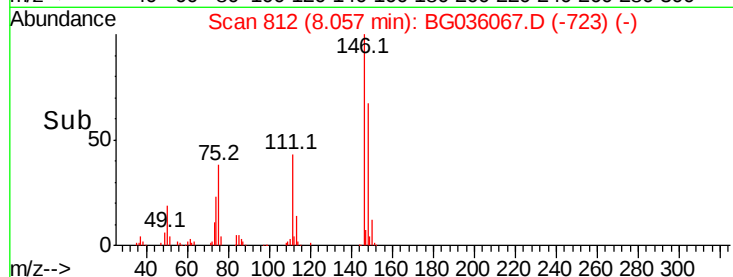
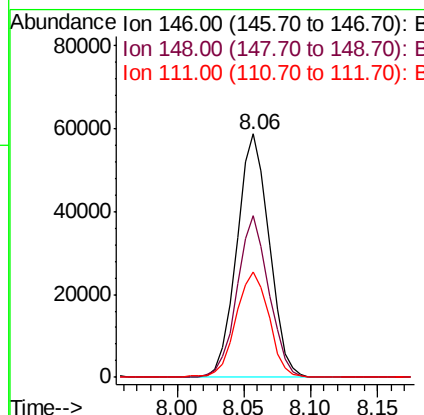
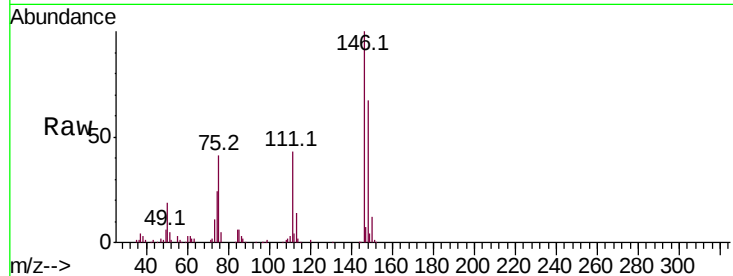
ClientSampleId :

OK-03-073118MSD

Tot Ion:	146	Resp:	98239
Ion Ratio	Lower	Upper	
146	100		
148	66.5	53.7	80.5
111	43.4	35.2	52.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 42.201 ng

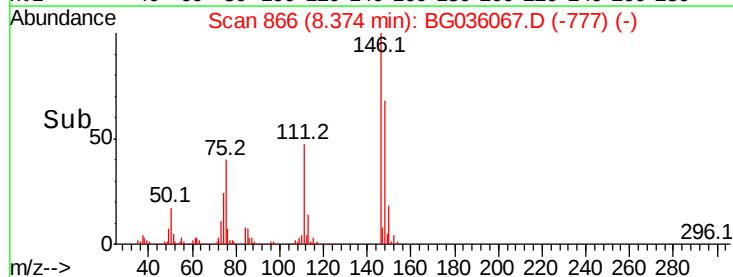
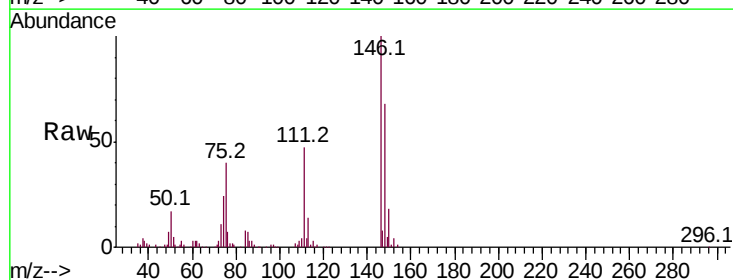
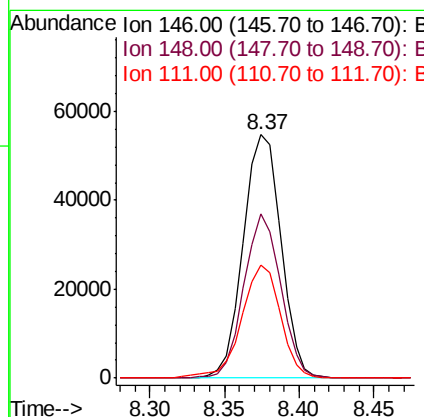
RT: 8.37 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion:	146	Resp:	95933
Ion Ratio	Lower	Upper	
146	100		
148	67.6	49.3	73.9
111	46.6	34.3	51.5





#15

Benzyl Alcohol

Concen: 42.338 ng

RT: 8.26 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

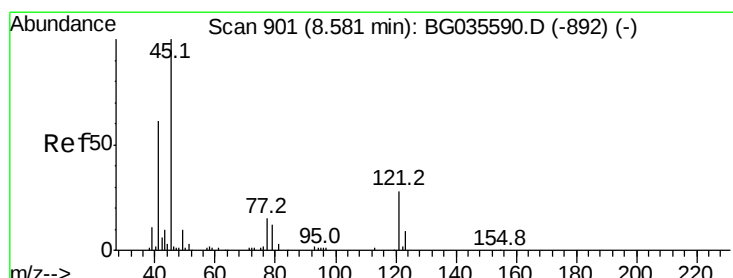
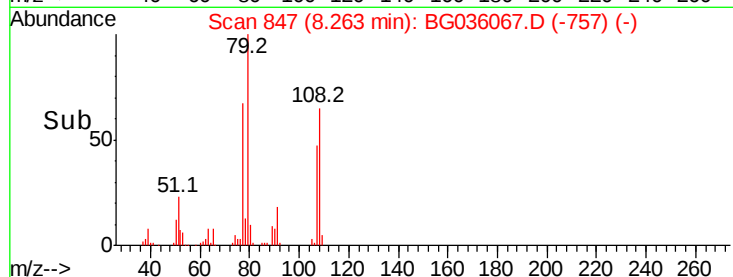
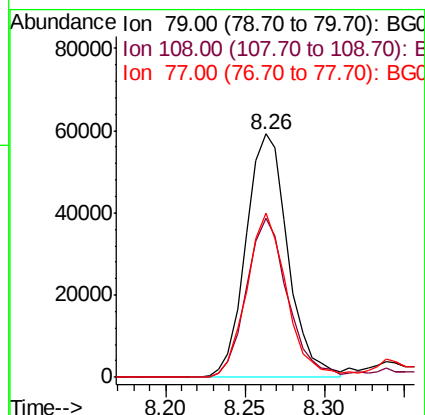
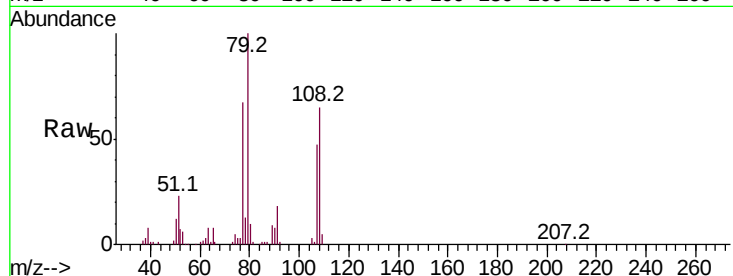
ClientSampleId :

OK-03-073118MSD

Tot Ion:	79	Resp:	108773
Ion Ratio	Lower	Upper	
79	100		
108	65.3	57.2	85.8
77	67.5	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 56.776 ng

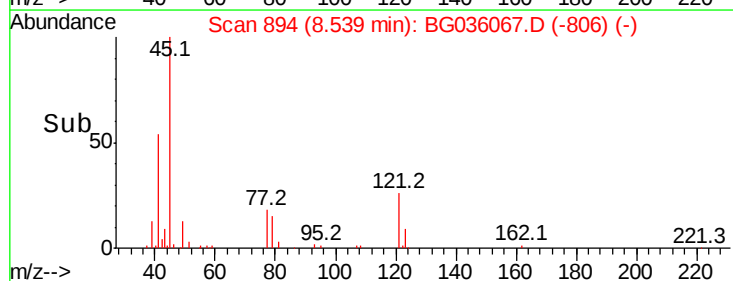
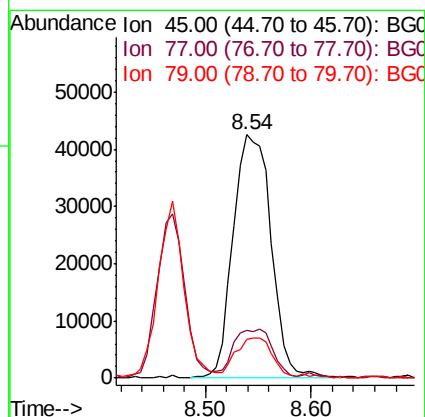
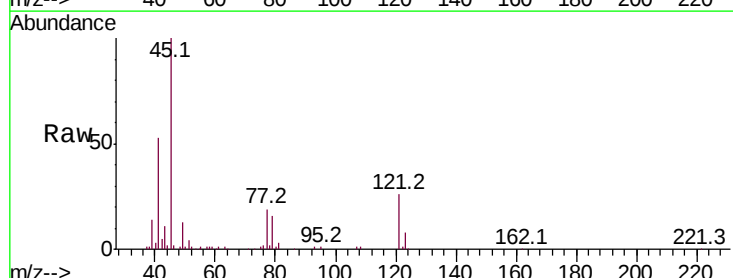
RT: 8.54 min Scan# 894

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion:	45	Resp:	106549
Ion Ratio	Lower	Upper	
45	100		
77	19.5	0.0	30.2
79	15.7	0.0	27.9





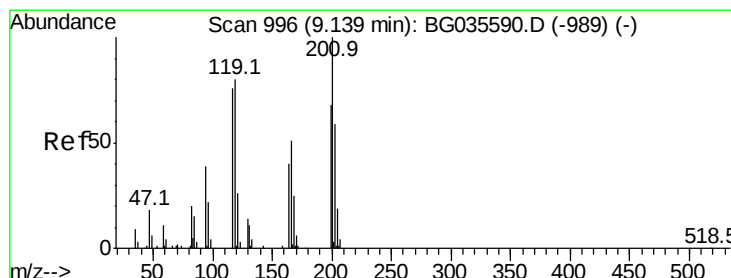
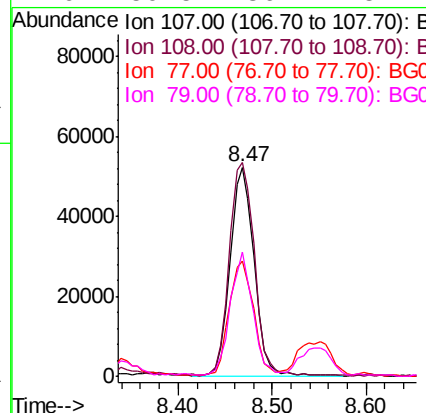
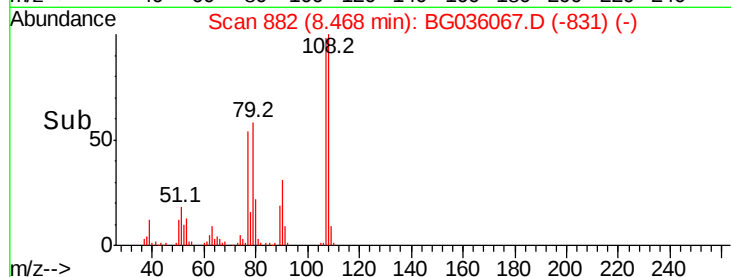
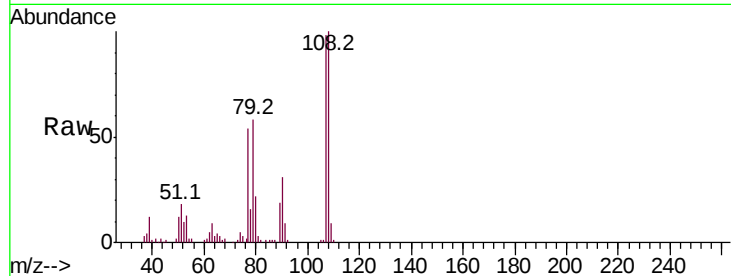
#17
2-Methylphenol
Concen: 48.120 ng
RT: 8.47 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Tot Ion:	107	Resp:	93514
Ion Ratio	Lower	Upper	
107	100		
108	102.3	83.9	125.9
77	55.2	37.2	55.8
79	59.5	36.2	54.2#

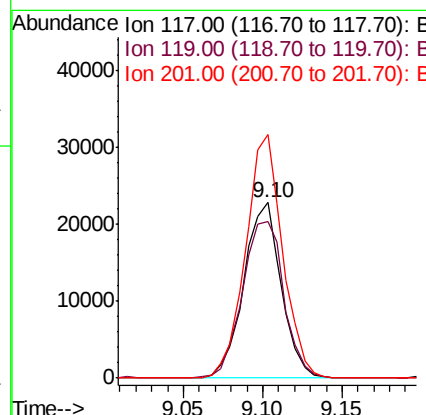
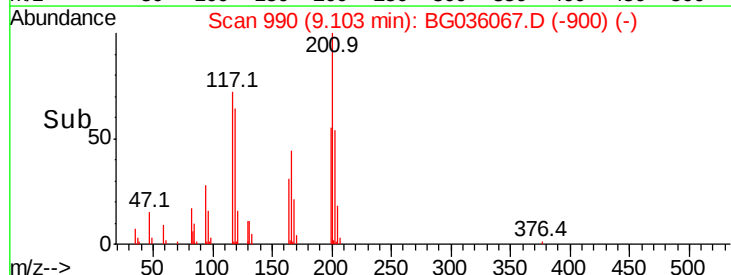
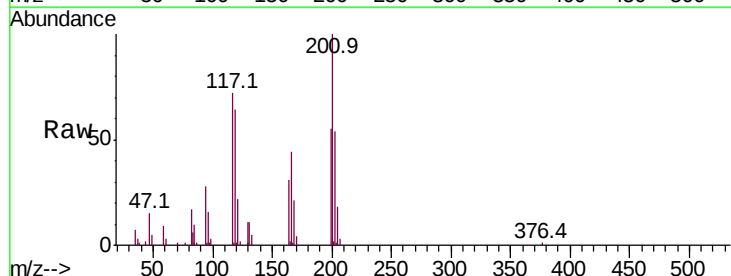
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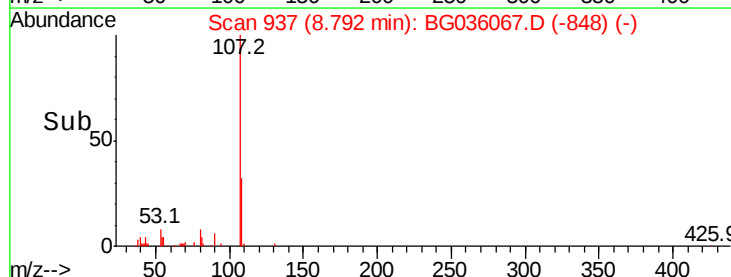
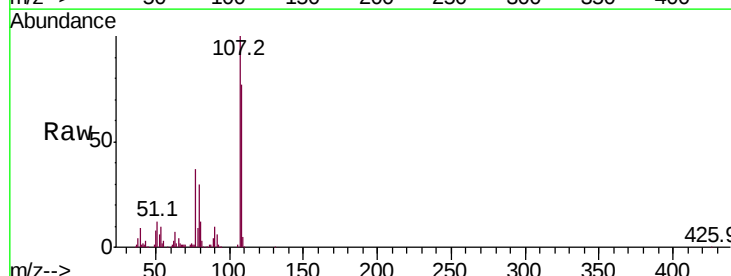
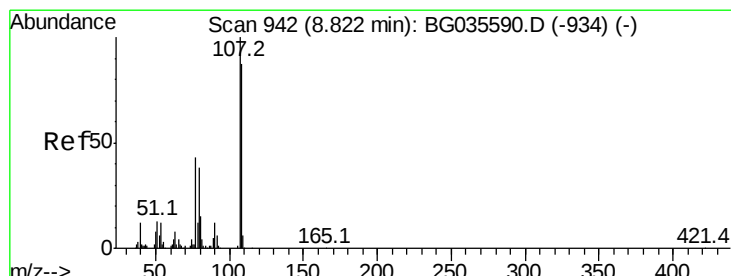
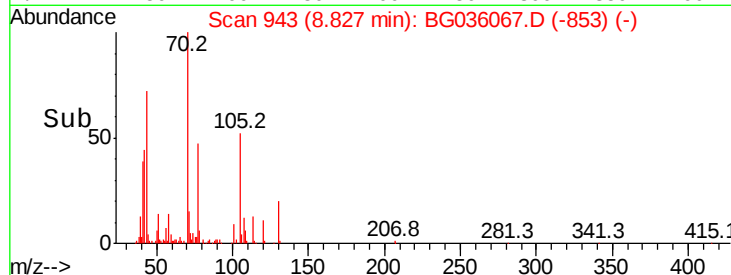
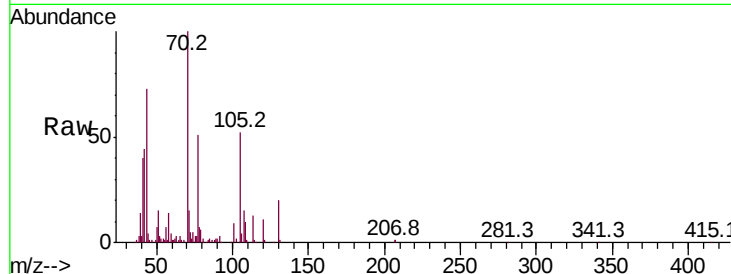
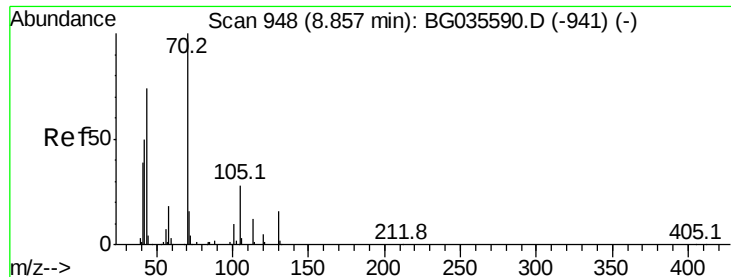
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#18
Hexachloroethane
Concen: 41.139 ng
RT: 9.10 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion:	117	Resp:	37221
Ion Ratio	Lower	Upper	
117	100		
119	88.9	76.7	115.1
201	138.8	95.7	143.5





#19

n-Nitroso-di-n-propylamine

Concen: 39.446 ng

RT: 8.83 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG036067.D

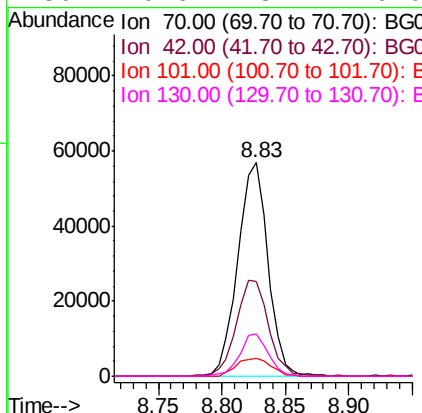
Acq: 2 Aug 2018 19:26

Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.1	49.1	73.7#
101	8.6	8.5	12.7
130	19.6	13.4	20.0

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#20

3+4-Methylphenols

Concen: 46.617 ng

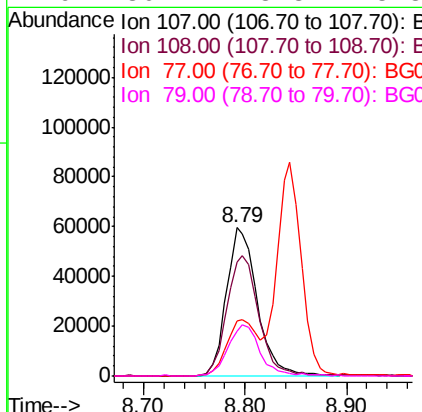
RT: 8.79 min Scan# 937

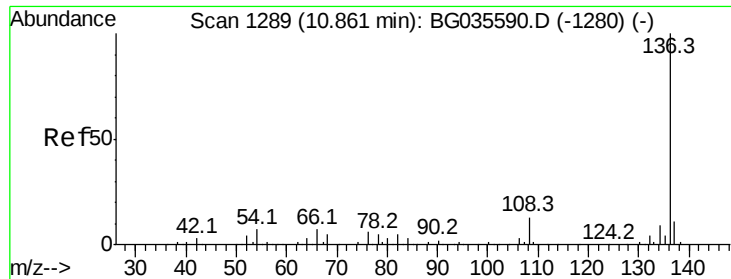
Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	77.0	61.6	101.6
77	37.0	13.9	53.9
79	30.2	8.8	48.8





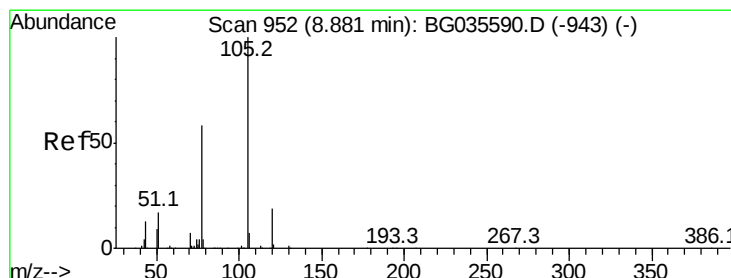
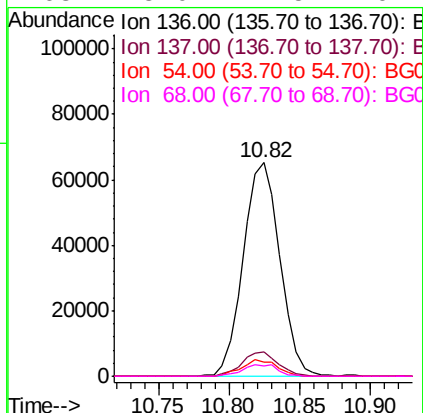
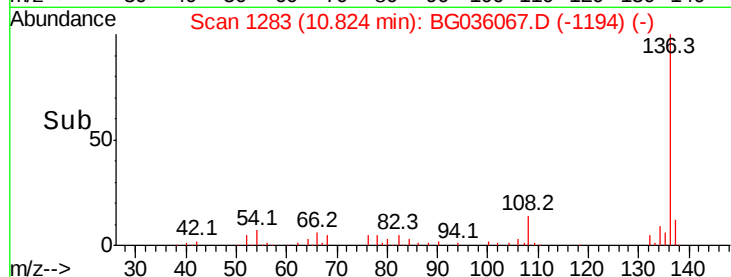
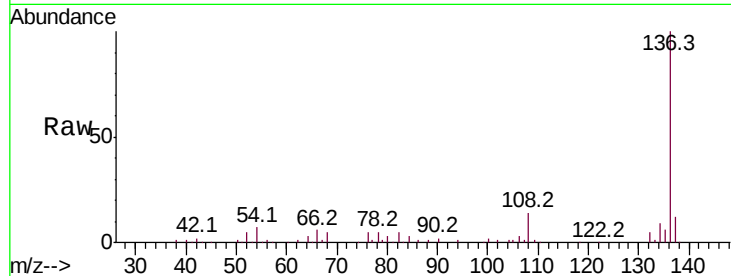
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	9.2	13.8	
54	6.6	10.3	15.5	
68	5.0	4.5	6.7	

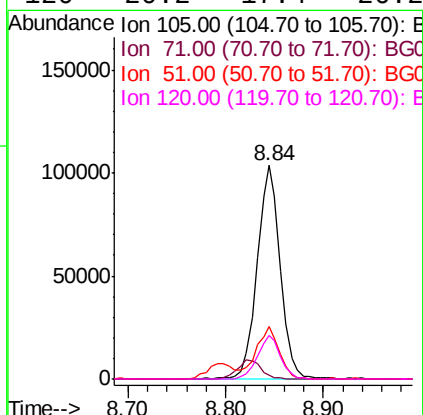
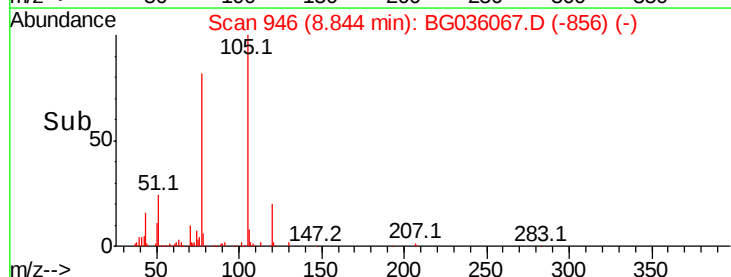
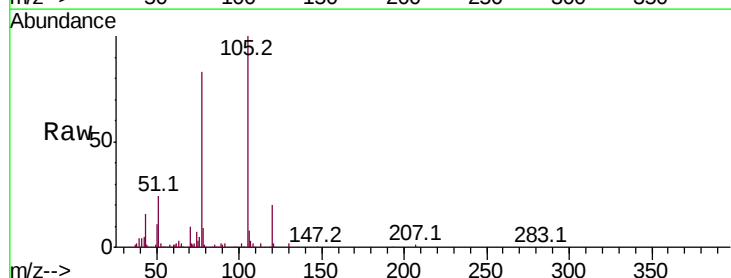
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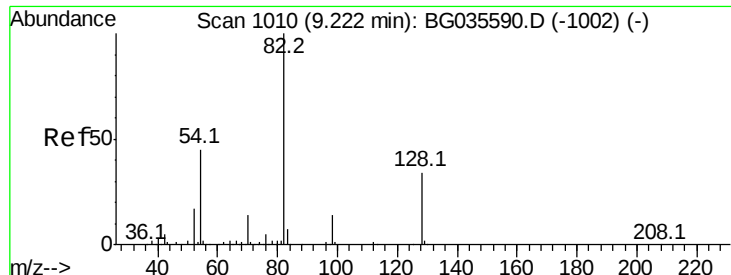
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#22
Acetophenone
Concen: 46.720 ng
RT: 8.84 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.7	3.0	4.4	
51	24.4	26.1	39.1	
120	20.2	17.4	26.2	





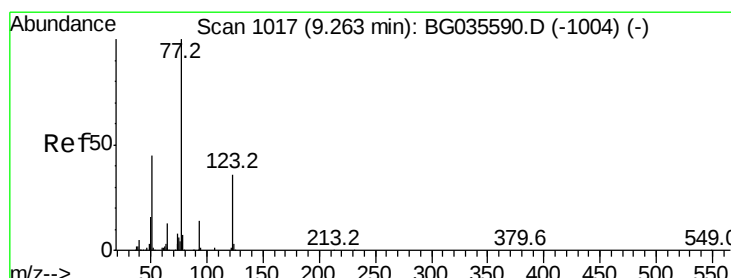
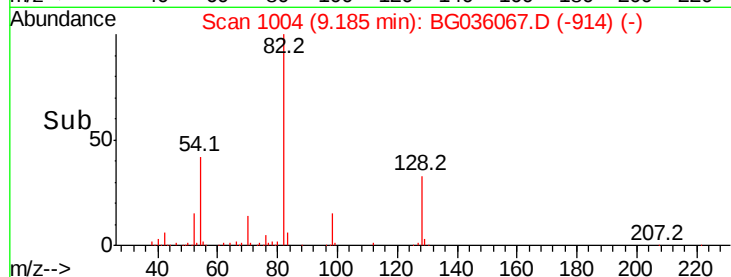
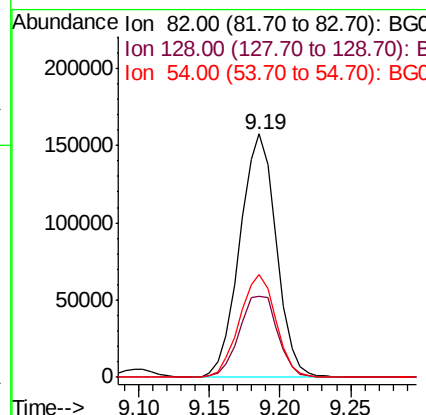
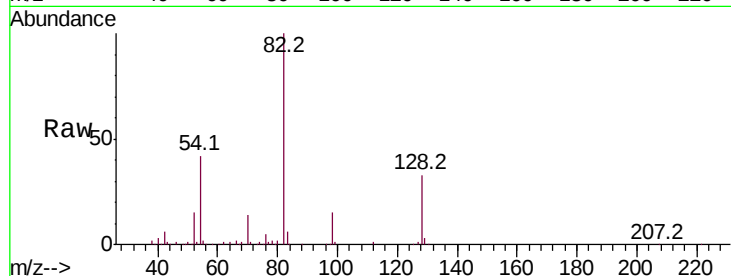
#23
 Nitrobenzene-d5
 Concen: 100.488 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-073118MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	285199		
128	33.1	29.7	44.5	
54	42.4	43.1	64.7	

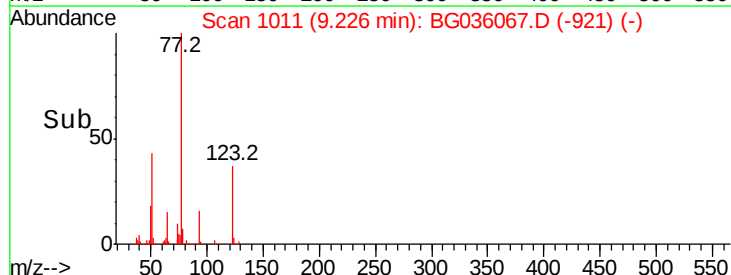
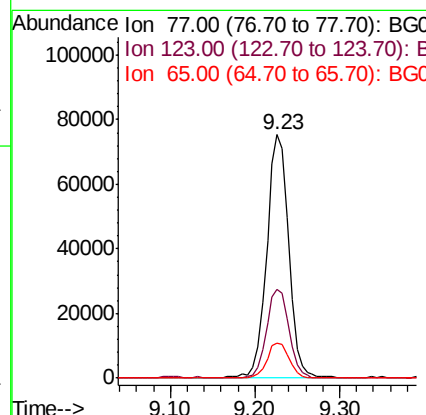
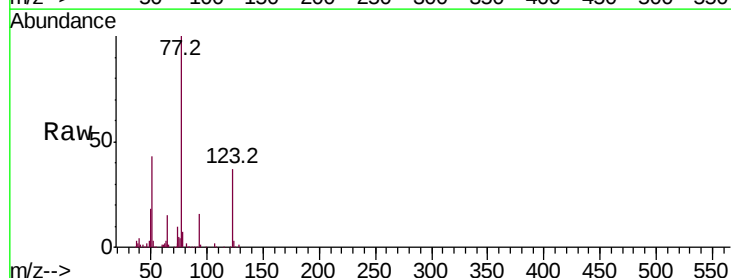
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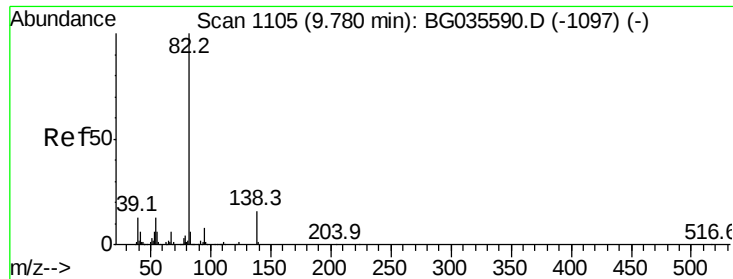
Sohil
 8/3/2018 12:58:35 PM



#24
 Nitrobenzene
 Concen: 47.951 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	136866		
123	36.6	33.0	49.6	
65	14.6	13.0	19.6	





#25

Isophorone

Concen: 50.696 ng

RT: 9.74 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

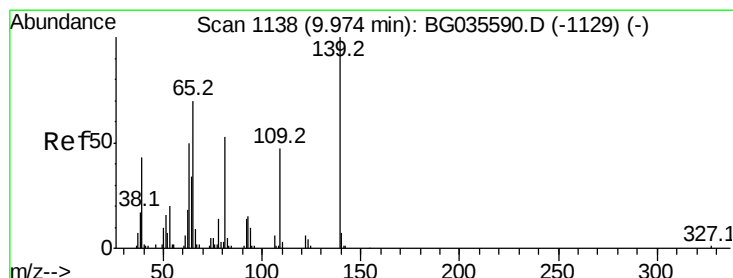
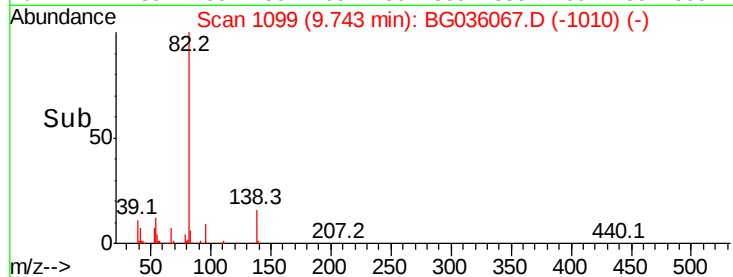
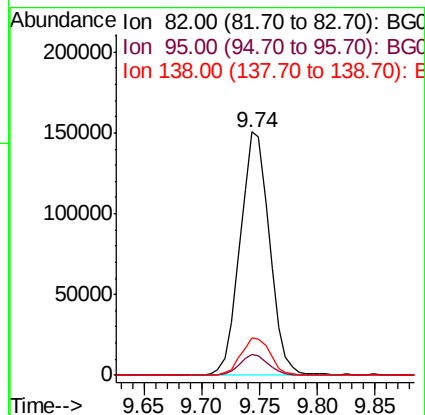
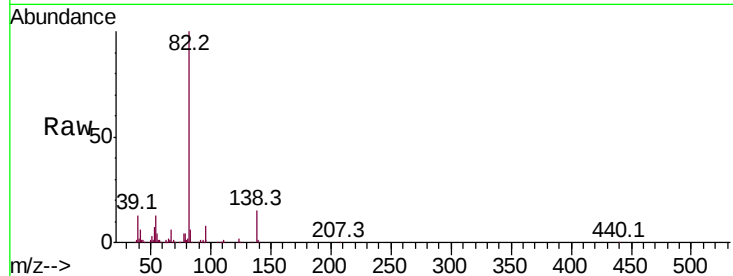
ClientSampleId :

OK-03-073118MSD

Tot Ion	82	Resp	267091
Ion Ratio	Lower	Upper	
82	100		
95	8.4	6.2	9.2
138	15.3	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 57.674 ng

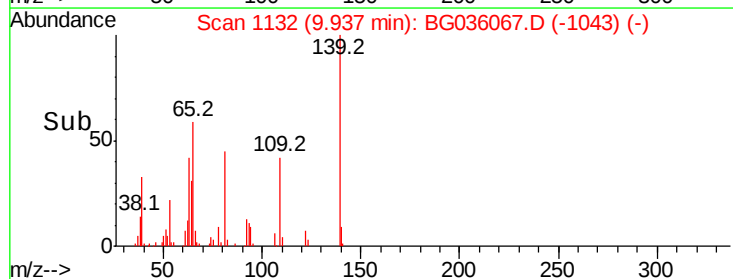
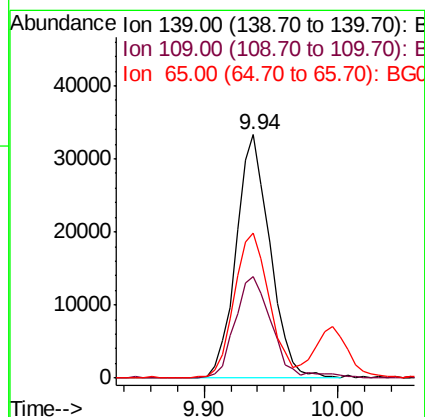
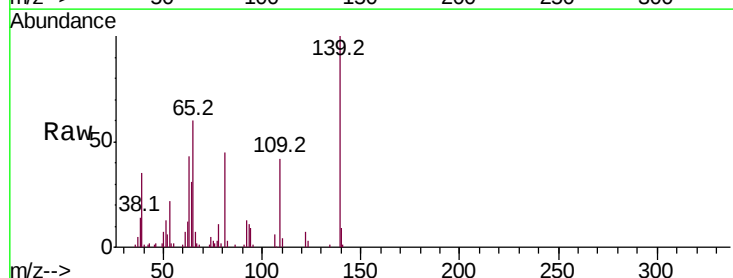
RT: 9.94 min Scan# 1132

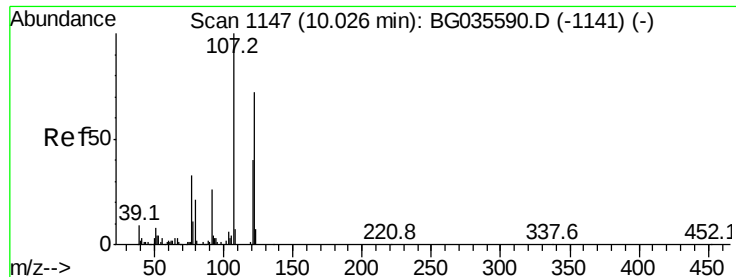
Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion	139	Resp	58464
Ion Ratio	Lower	Upper	
139	100		
109	41.8	24.2	36.2#
65	59.5	47.4	71.0





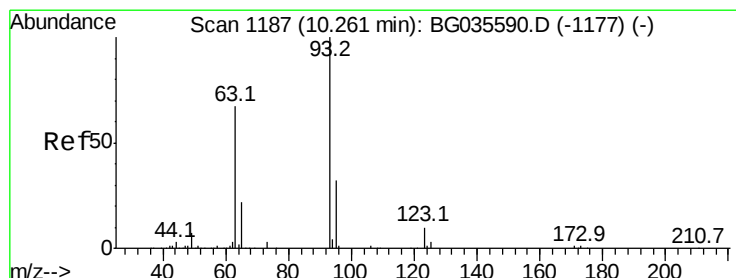
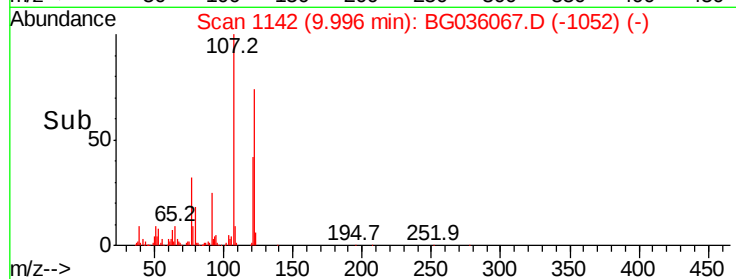
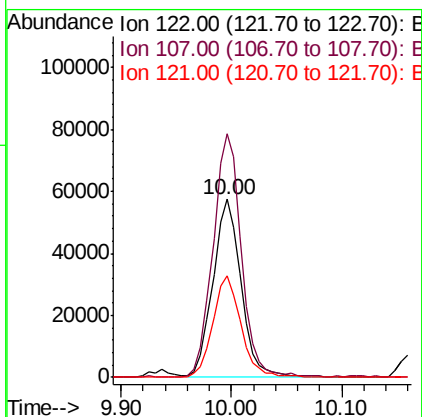
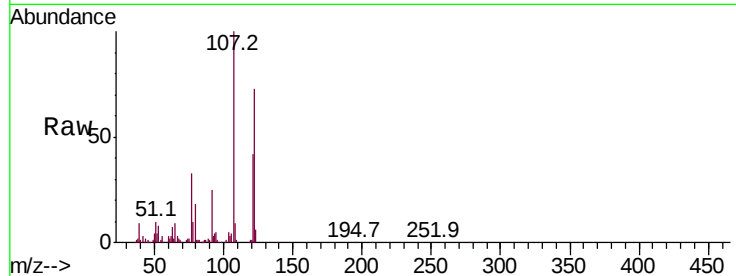
#27
2,4-Dimethylphenol
Concen: 59.334 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.6	100.2	150.2
121	57.3	44.4	66.6

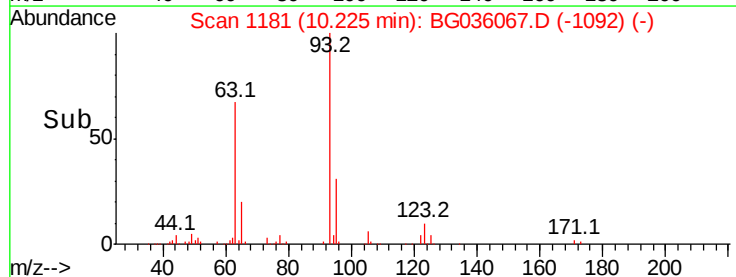
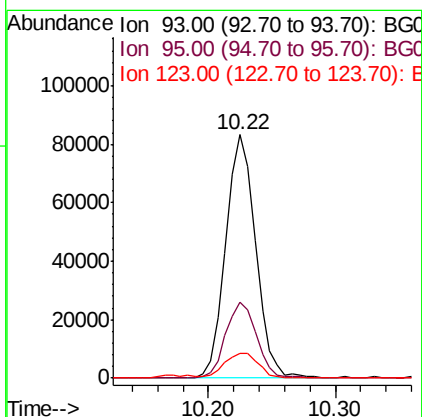
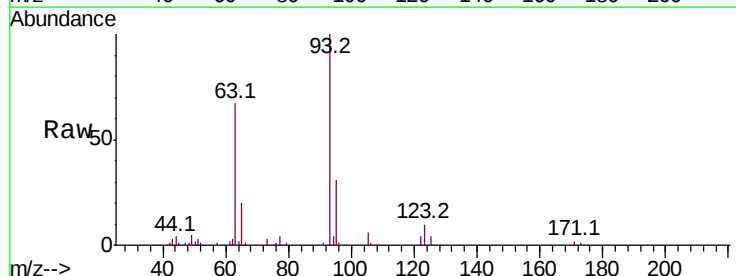
Manual Integrations
APPROVED

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#28
bis(2-Chloroethoxy)methane
Concen: 46.941 ng
RT: 10.22 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	24.3	36.5
123	10.2	8.4	12.6





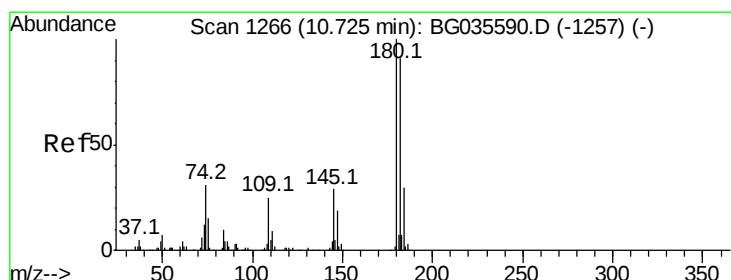
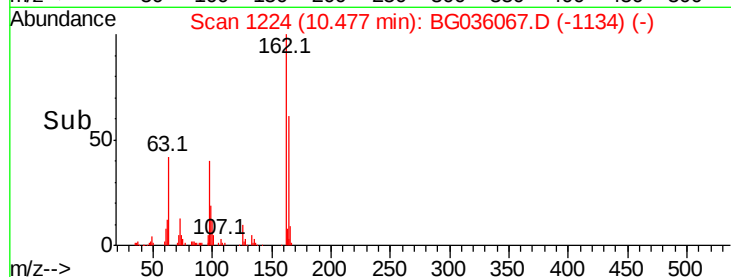
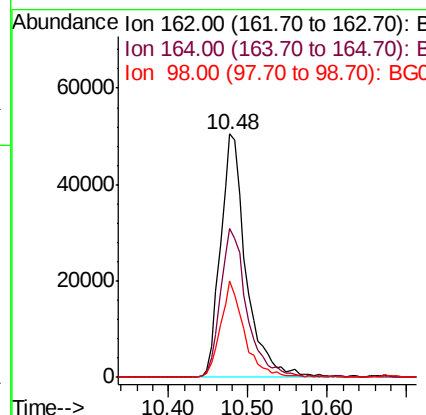
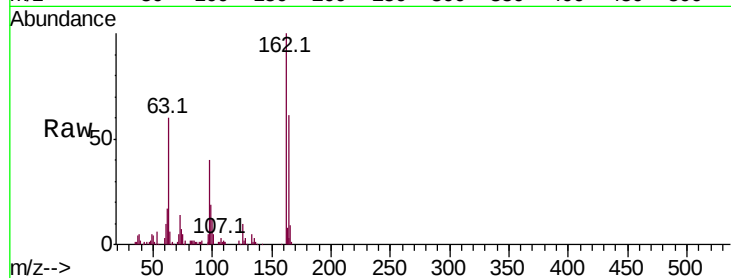
#29
2,4-Dichlorophenol
Concen: 57.465 ng
RT: 10.48 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	61.4	48.0	88.0	
98	39.7	21.1	61.1	

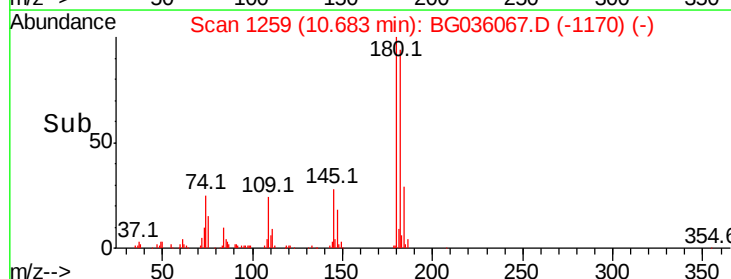
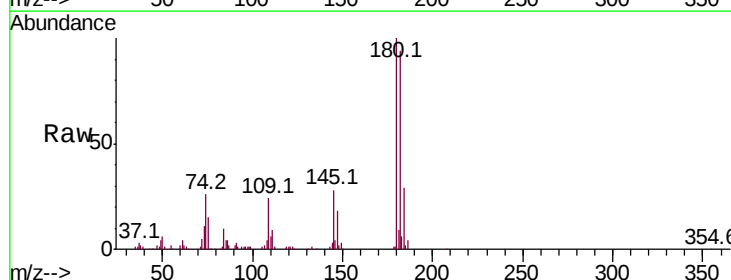
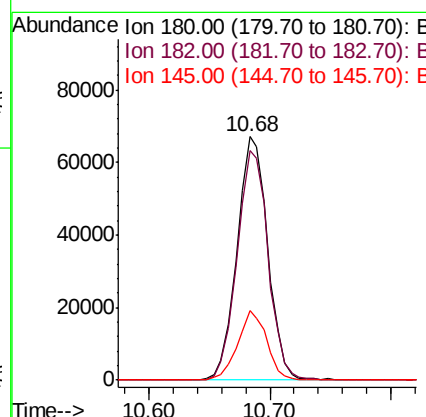
Manual Integrations
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#30
1,2,4-Trichlorobenzene
Concen: 49.359 ng
RT: 10.68 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.1	77.5	116.3	
145	28.4	23.4	35.2	





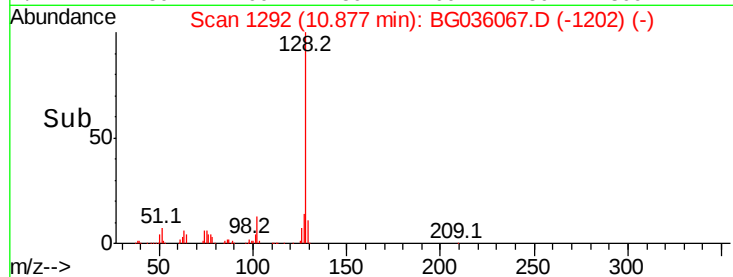
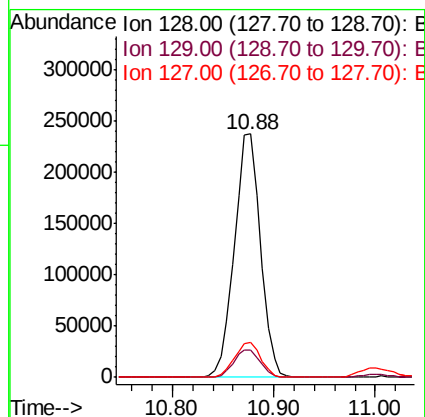
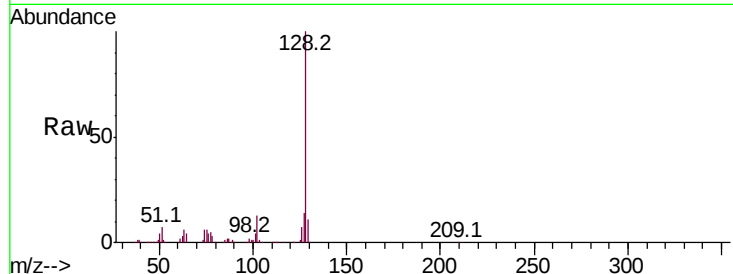
#31
Naphthalene
Concen: 69.015 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	8.6	12.8	
127	14.2	11.6	17.4	

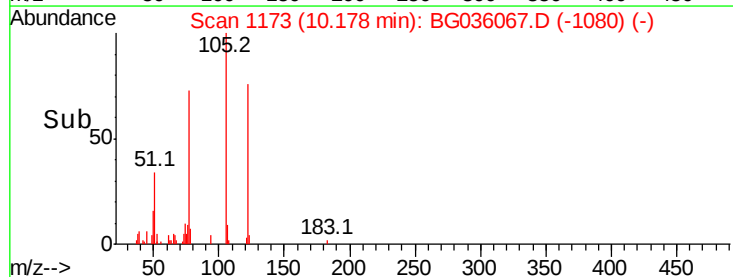
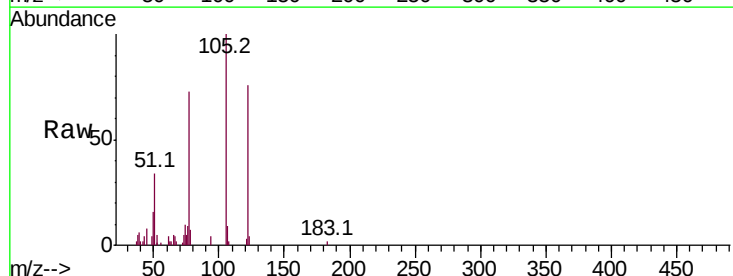
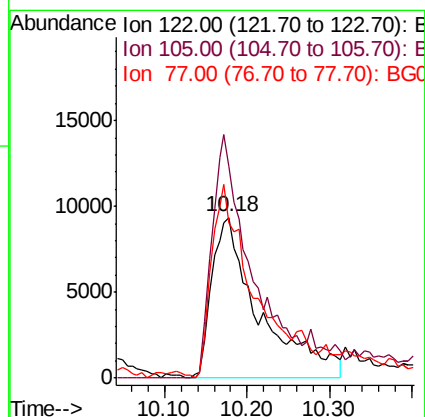
Manual Integrations
APPROVED

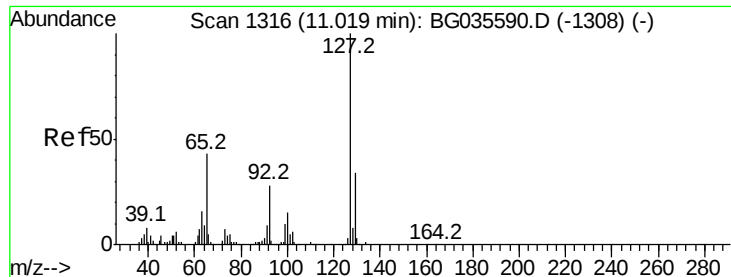
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#32
Benzoic acid
Concen: 32.780 ng m
RT: 10.18 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	131.8	123.5	163.5	
77	96.7	85.7	125.7	





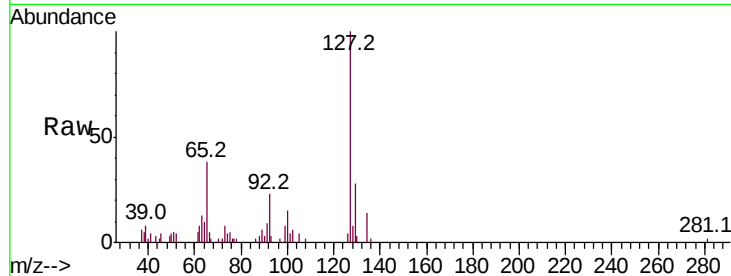
#33
4-Chloroaniline
Concen: 8.451 ng
RT: 11.00 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Tot Ion:	127	Resp:	22748
Ion Ratio	Lower	Upper	
127	100		
129	27.5	24.0	36.0
65	37.8	27.0	40.4
92	22.8	16.6	25.0

Manual Integrations
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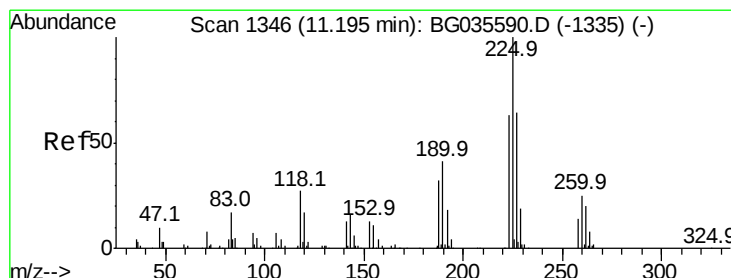
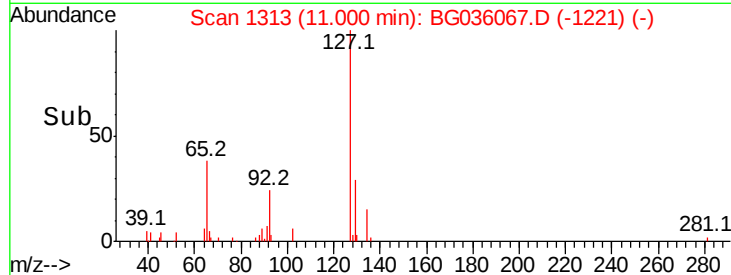
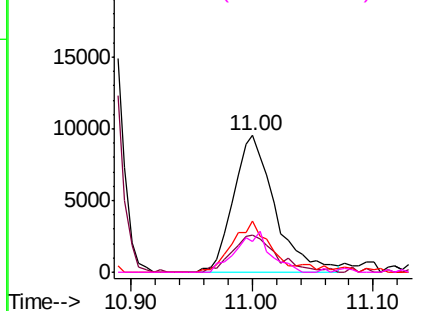
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 48.061 ng
RT: 11.15 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

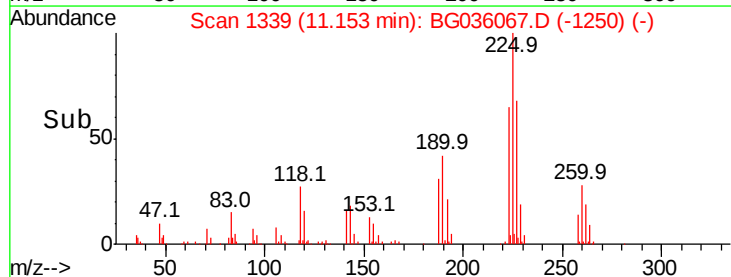
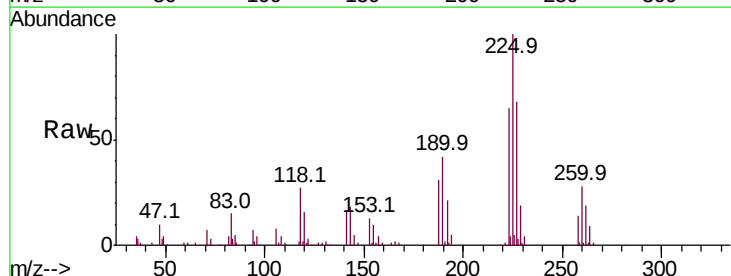
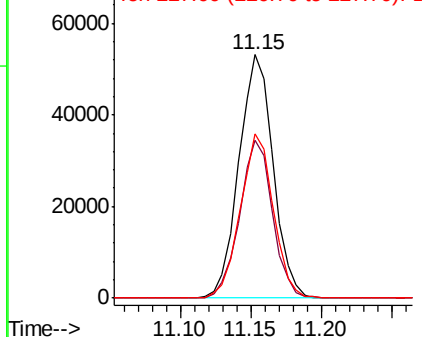
Tgt Ion:	225	Resp:	90014
Ion Ratio	Lower	Upper	
225	100		
223	64.8	49.7	74.5
227	67.6	48.1	72.1

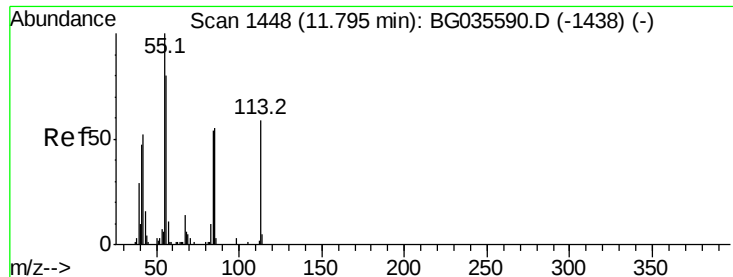
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.427 ng/ml

RT: 11.78 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

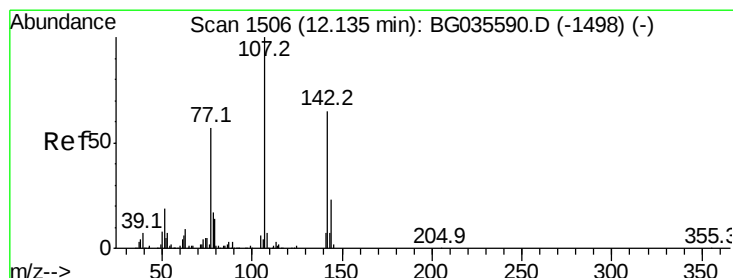
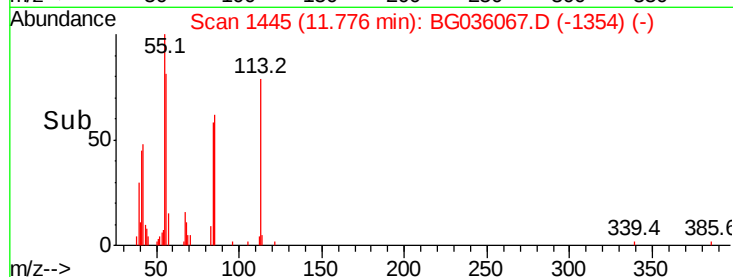
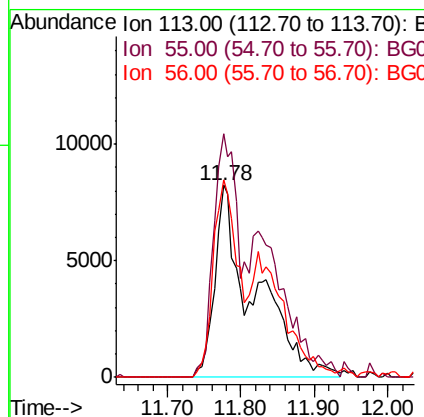
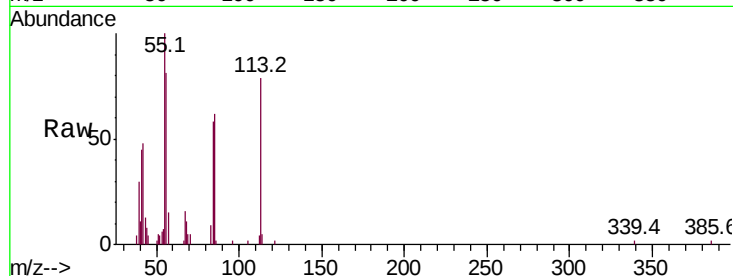
ClientSampleId :

OK-03-073118MSD

Tot Ion:	113	Resp:	30619
Ion Ratio	Lower	Upper	
113	100		
55	126.7	186.9	226.9#
56	102.6	130.9	170.9#

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#36

4-Chloro-3-methylphenol

Concen: 52.129 ng/ml

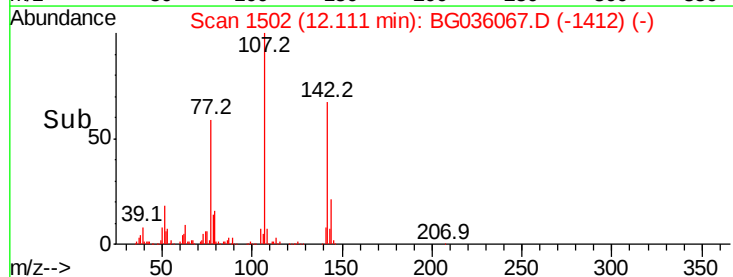
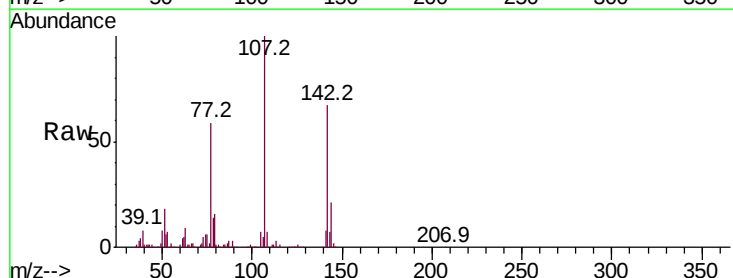
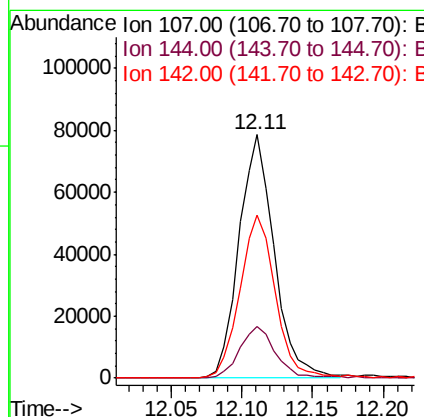
RT: 12.11 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion:	107	Resp:	136865
Ion Ratio	Lower	Upper	
107	100		
144	21.0	18.2	27.4
142	67.1	59.0	88.4





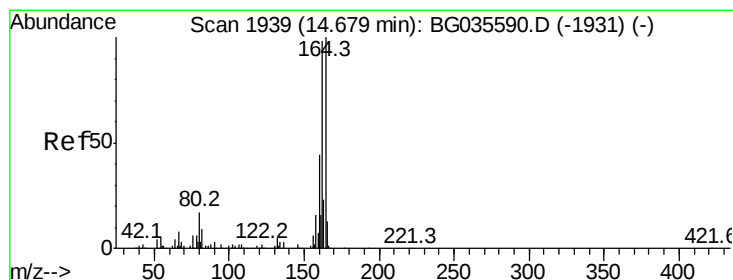
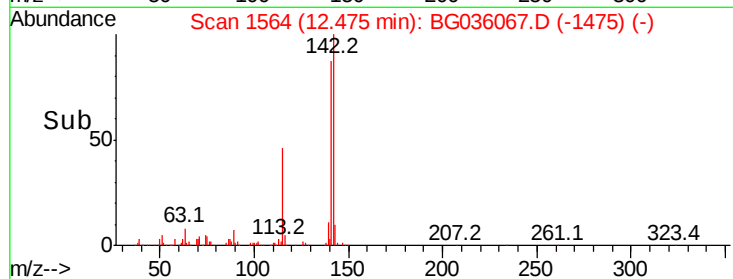
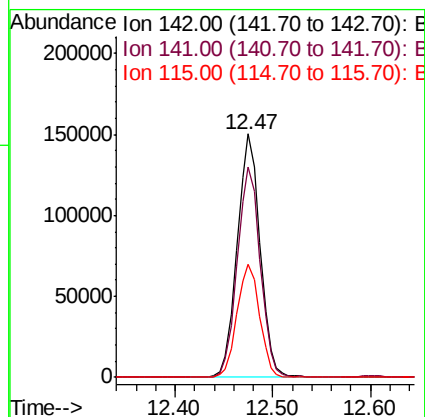
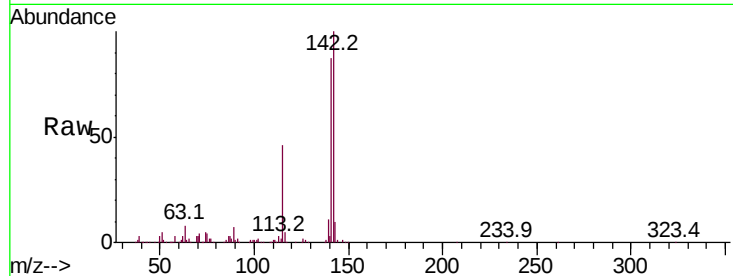
#37
2-Methylnaphthalene
Concen: 53.047 ng
RT: 12.47 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	86.5	67.1	100.7	
115	46.2	30.7	46.1	

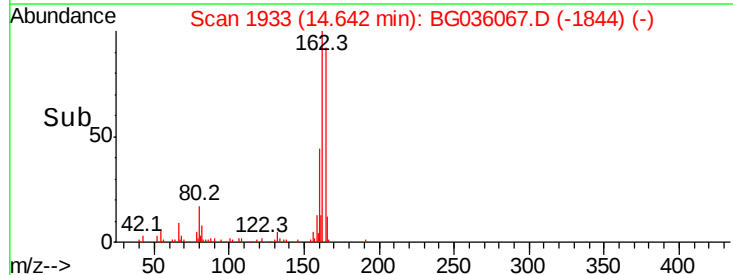
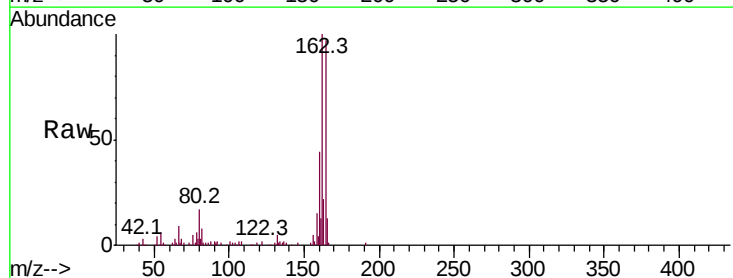
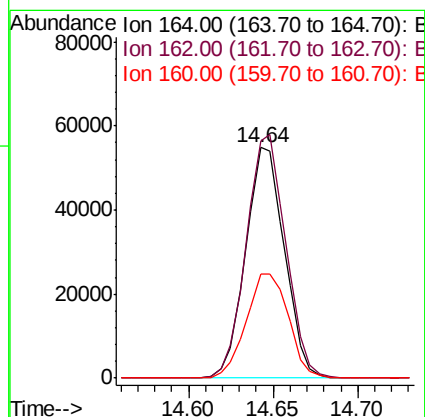
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.9	78.8	118.2	
160	45.5	35.4	53.0	





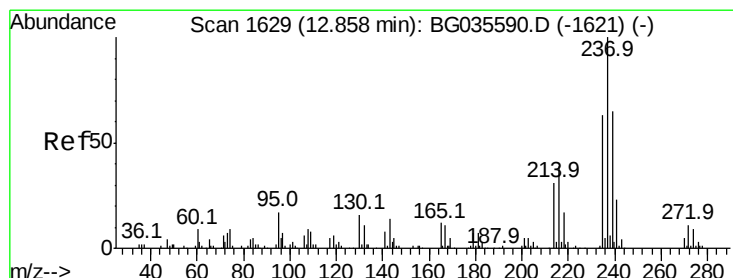
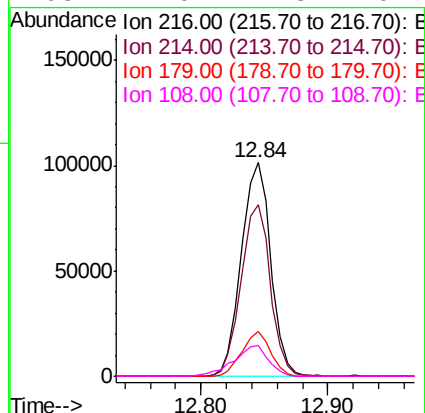
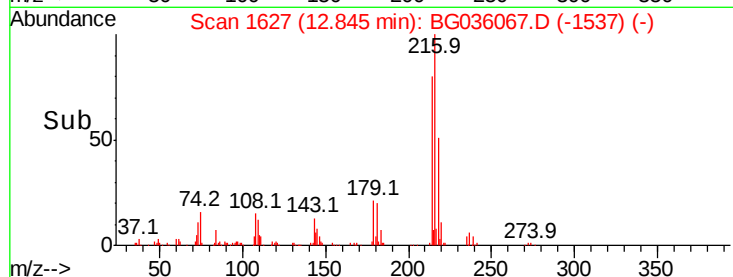
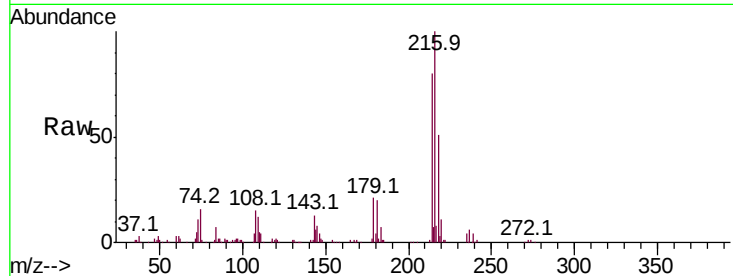
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.176 ng
 RT: 12.84 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-073118MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	162997		
214	80.1	63.0	94.4	
179	20.3	17.0	25.6	
108	17.0	12.8	19.2	

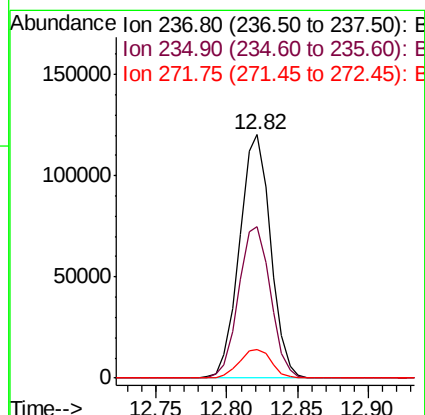
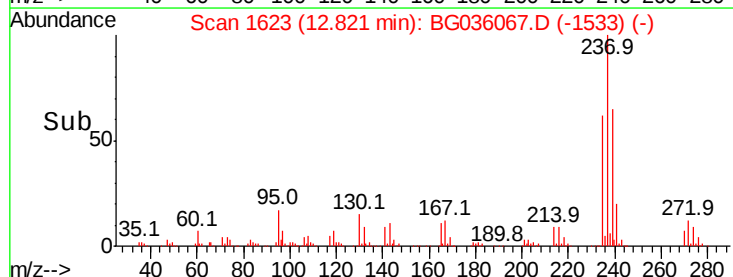
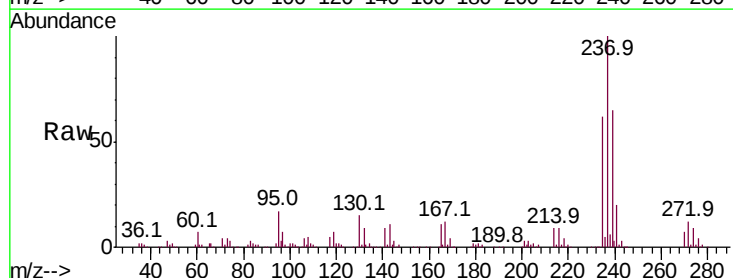
Manual Integrations
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#40
 Hexachlorocyclopentadiene
 Concen: 106.549 ng
 RT: 12.82 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	185215		
235	62.2	50.4	90.4	
272	12.0	0.0	31.8	





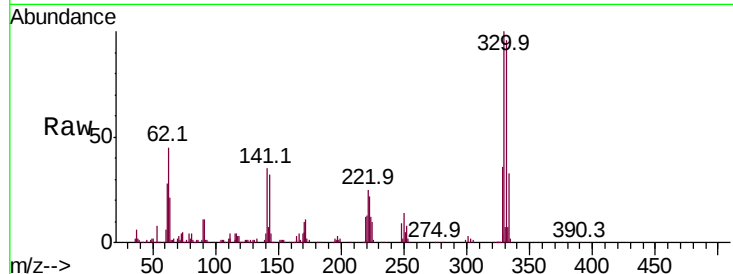
#41
 2,4,6-Tribromophenol
 Concen: 174.543 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-073118MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	38.6	25.2	37.8

Manual Integrations
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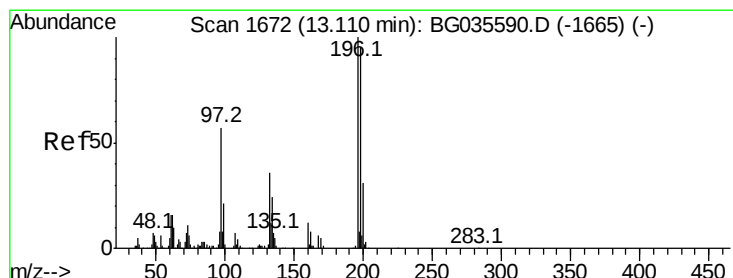
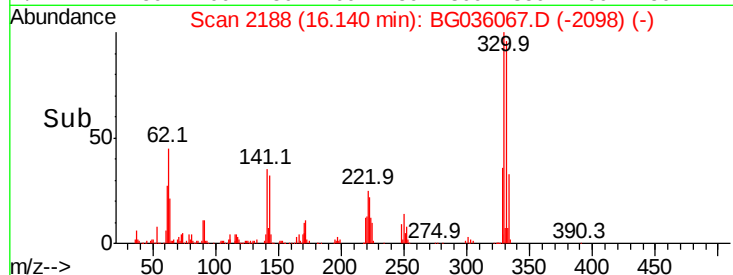
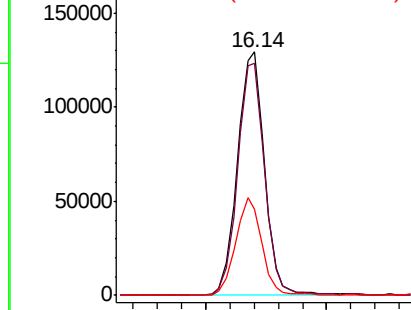


Abundance

Ion 329.80 (329.50 to 330.50): E

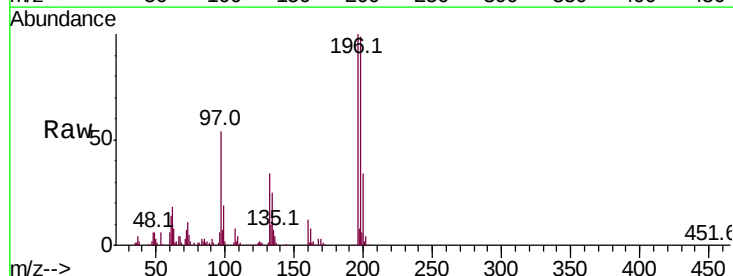
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 55.851 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.5	78.2	117.2
200	33.6	24.6	36.8

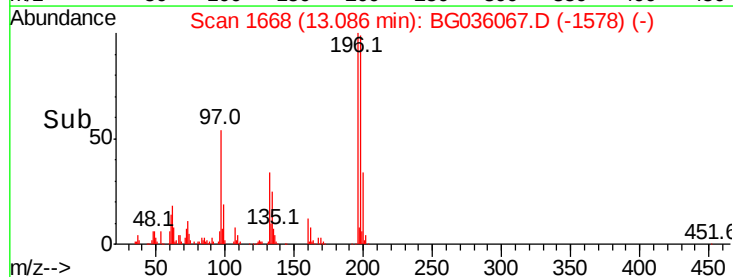
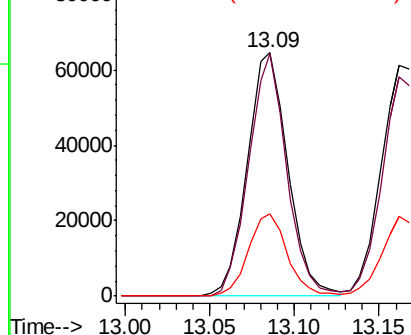


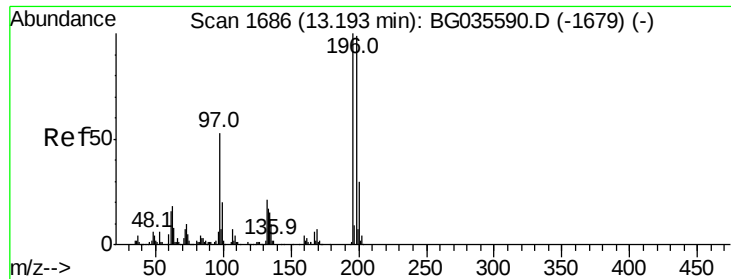
Abundance

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





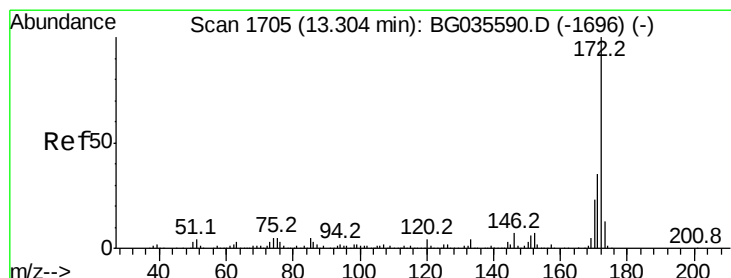
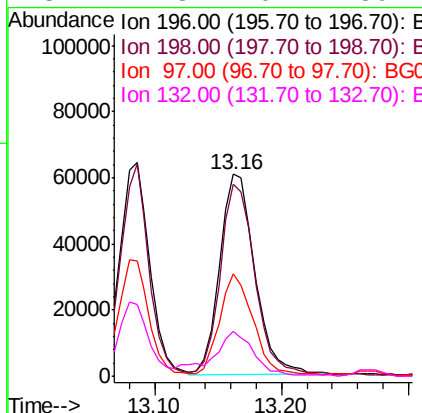
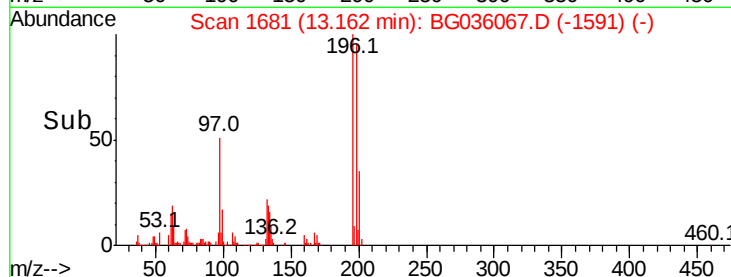
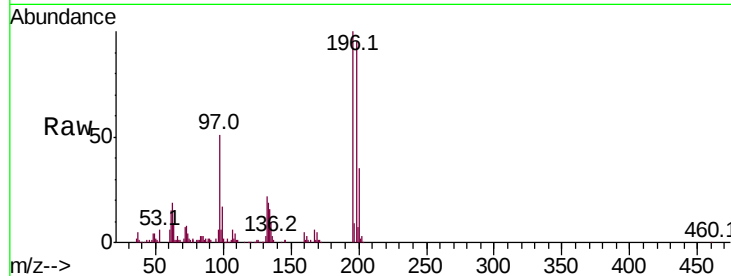
#43
 2,4,5-Trichlorophenol
 Concen: 53.833 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Instrument :
 BNA_G
 ClientSampleID :
 OK-03-073118MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100				
198	95.0	76.2	114.4		
97	50.8	38.7	58.1		
132	22.3	20.2	30.2		

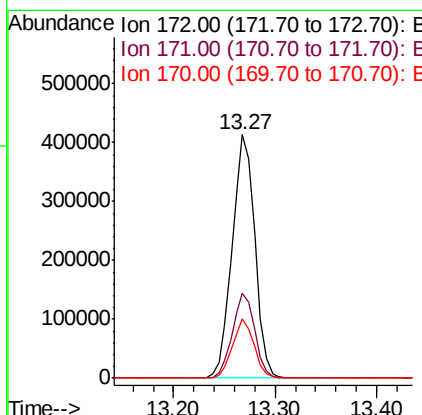
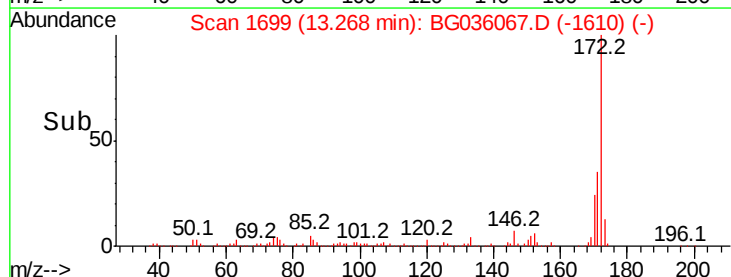
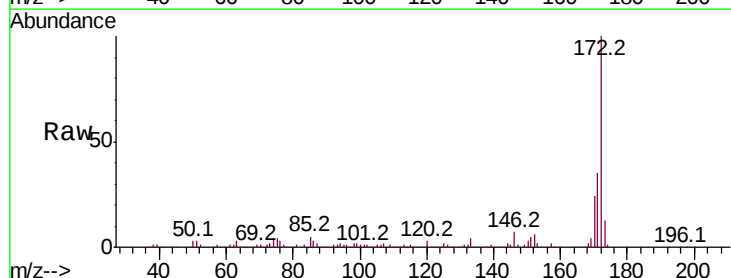
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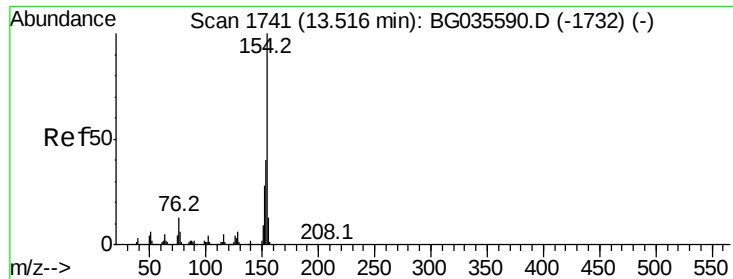
Sohil
 8/3/2018 12:58:35 PM



#44
 2-Fluorobiphenyl
 Concen: 97.762 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100				
171	34.9	30.0	45.0		
170	24.3	19.5	29.3		





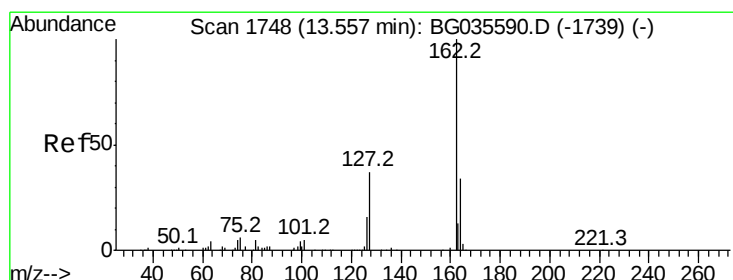
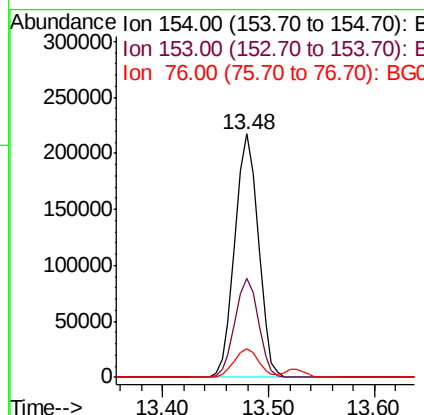
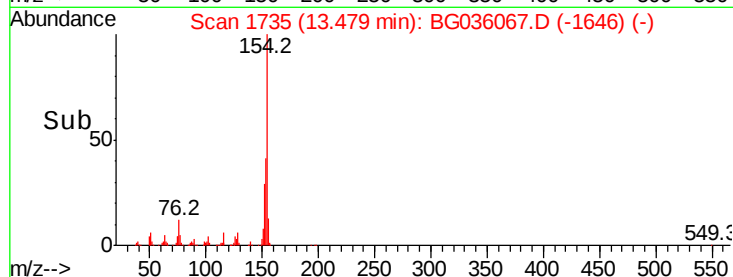
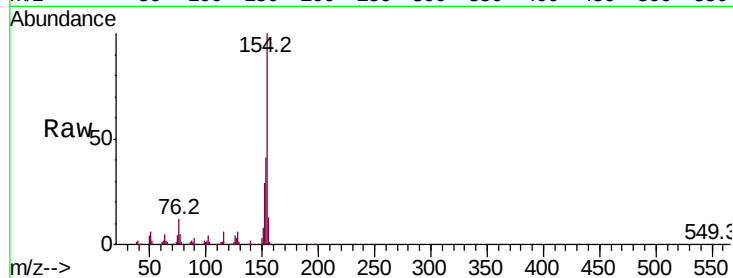
#45
1,1'-Biphenyl
Concen: 49.085 ng
RT: 13.48 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.7	19.8	59.8	
76	11.8	0.0	31.9	

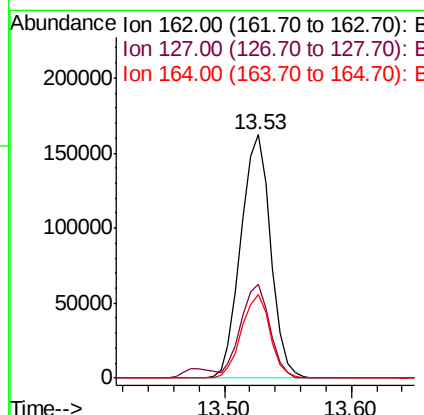
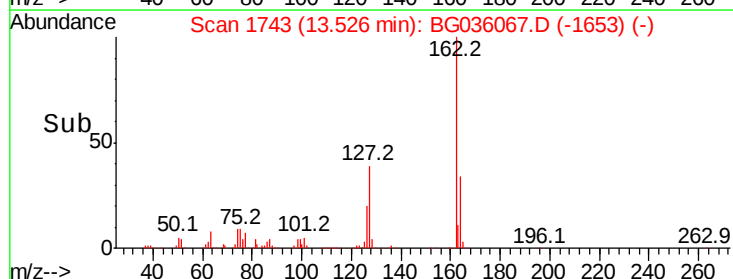
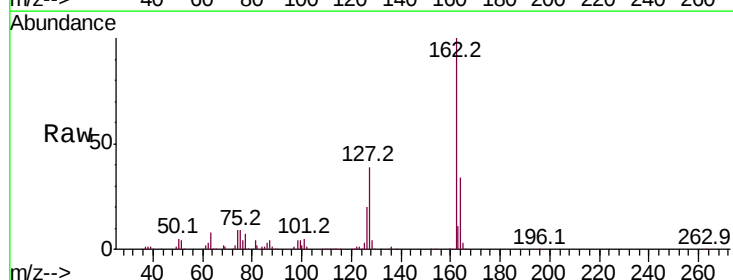
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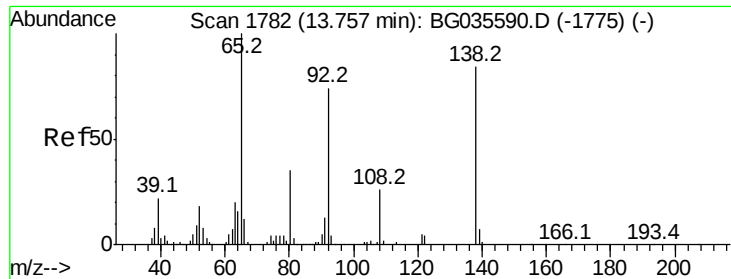
Sohil
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#46
2-Chloronaphthalene
Concen: 50.042 ng
RT: 13.53 min Scan# 1743
Delta R.T. -0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.5	30.7	46.1	
164	34.4	26.0	39.0	





#47

2-Nitroaniline

Concen: 51.221 ng

RT: 13.73 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

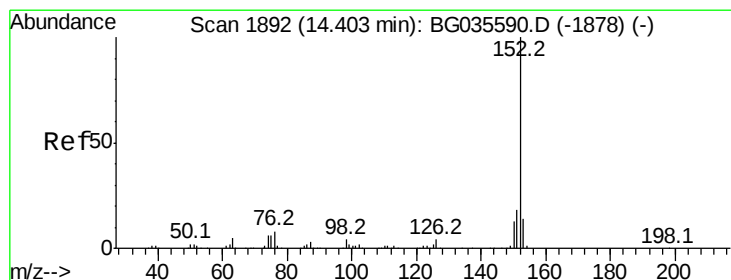
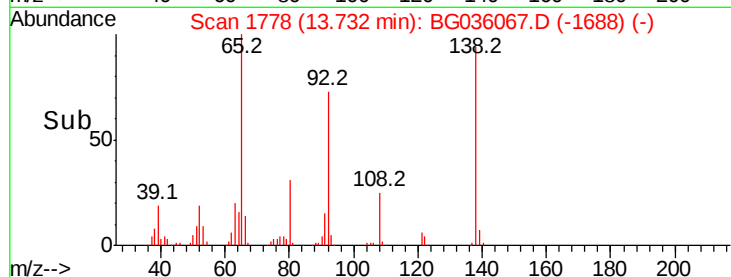
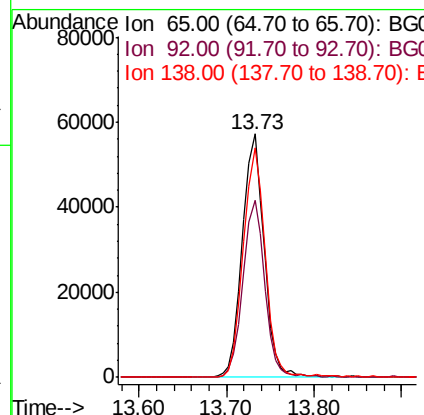
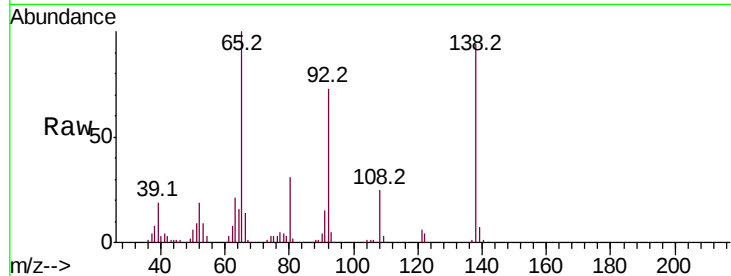
ClientSampleId :

OK-03-073118MSD

Tot Ion:	65	Resp:	95901
Ion Ratio	Lower	Upper	
65	100		
92	72.9	54.6	82.0
138	94.4	72.9	109.3

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#48

Acenaphthylene

Concen: 50.231 ng

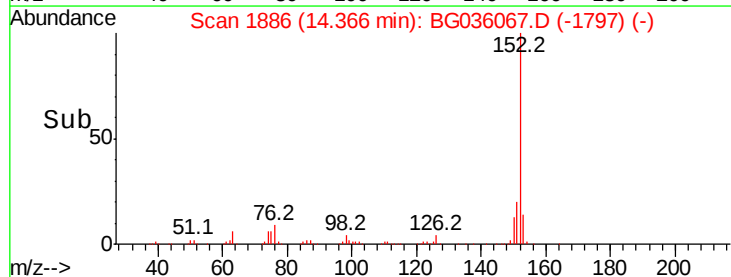
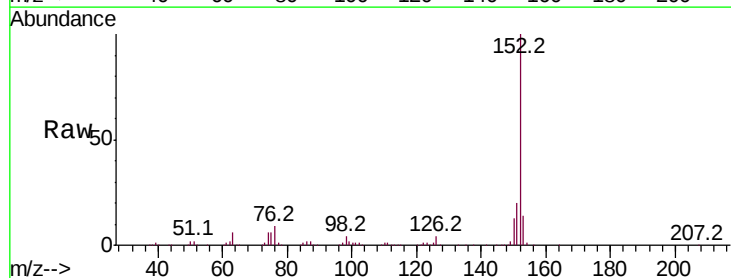
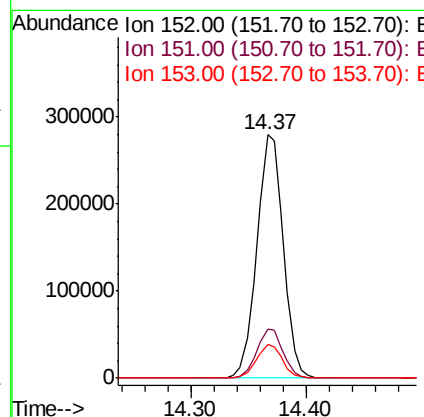
RT: 14.37 min Scan# 1886

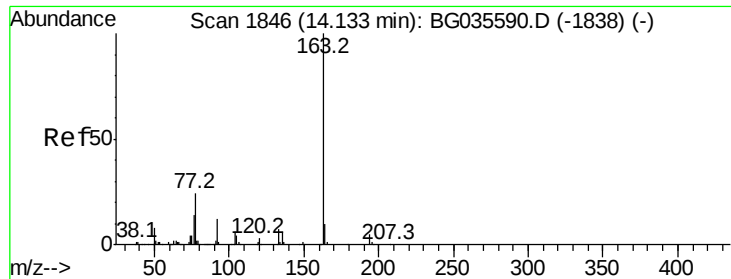
Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion:	152	Resp:	445616
Ion Ratio	Lower	Upper	
152	100		
151	20.0	17.2	25.8
153	13.8	10.2	15.4





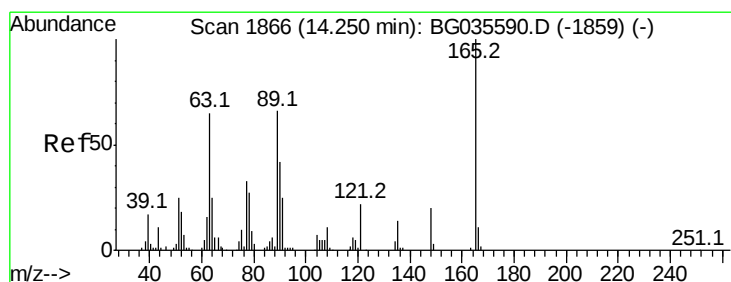
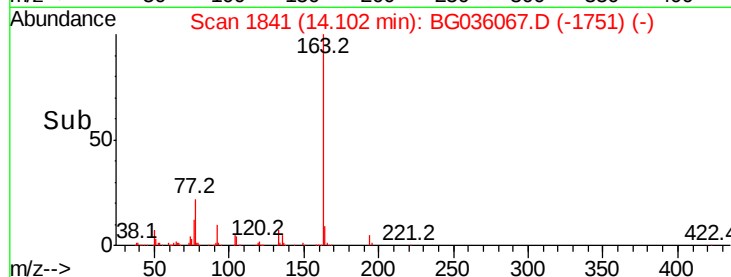
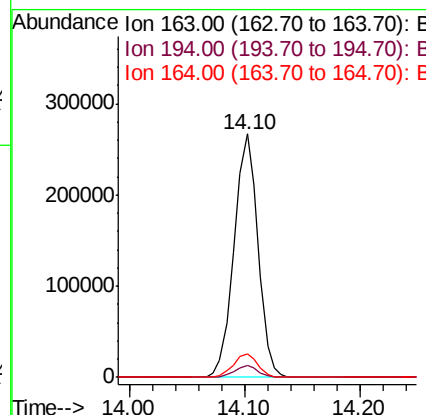
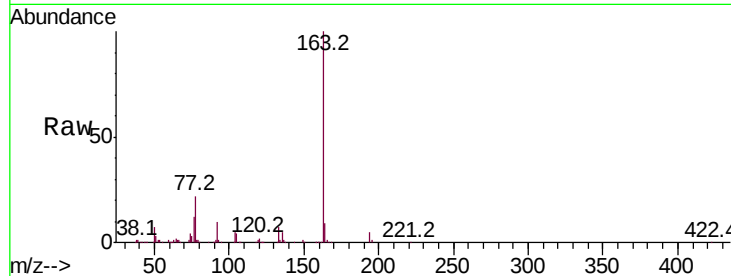
#49
Dimethylphthalate
Concen: 49.583 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.9	3.4	5.2	
164	9.4	8.2	12.4	

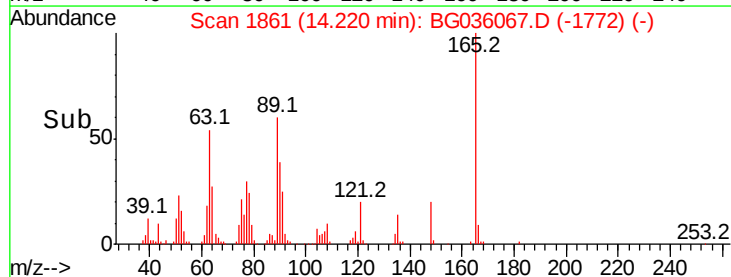
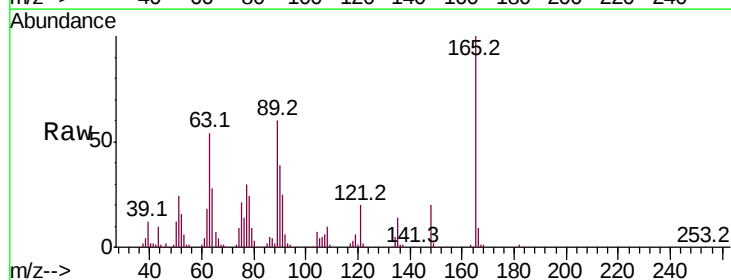
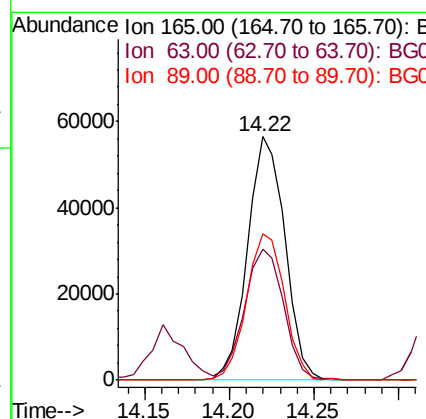
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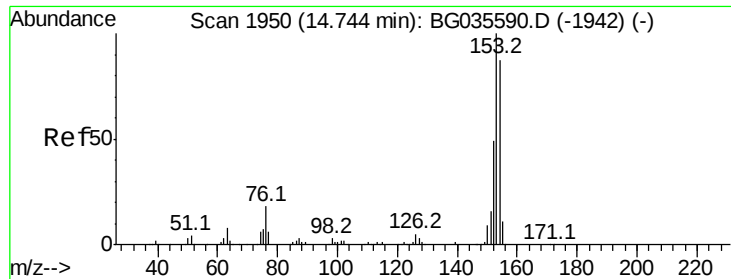
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#50
2,6-Dinitrotoluene
Concen: 55.152 ng
RT: 14.22 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.8	52.7	79.1	
89	60.0	49.2	73.8	





#51

Acenaphthene

Concen: 47.592 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

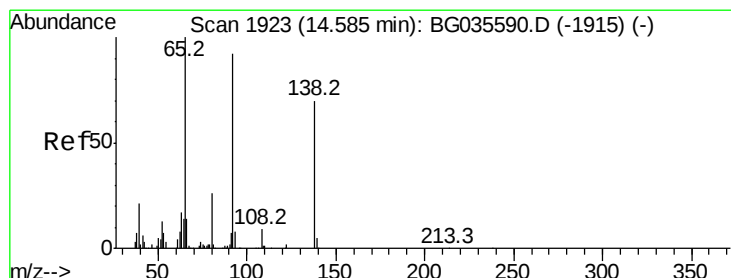
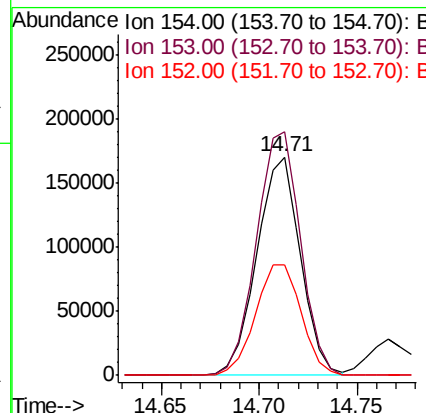
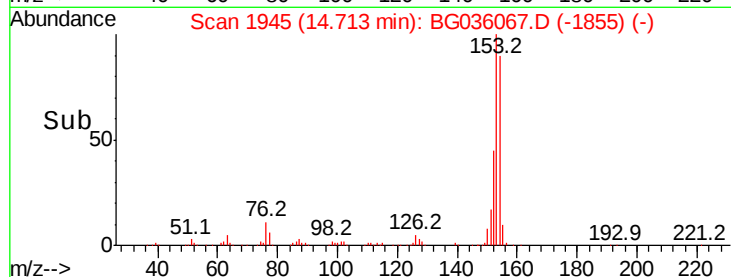
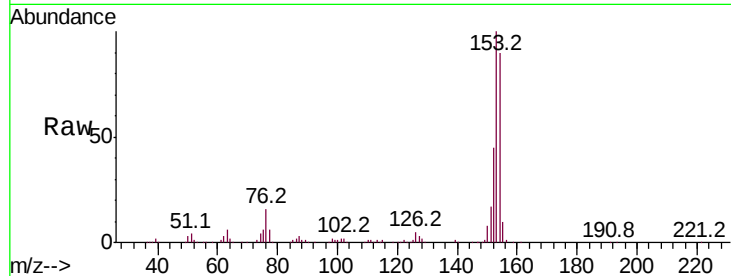
ClientSampleId :

OK-03-073118MSD

Tot Ion:	154	Resp:	263006
Ion Ratio	Lower	Upper	
154	100		
153	111.3	90.4	135.6
152	50.4	41.6	62.4

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#52

3-Nitroaniline

Concen: 29.483 ng

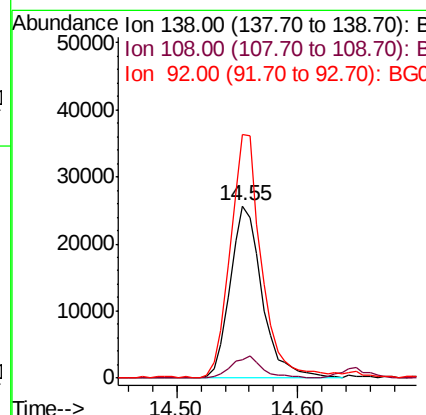
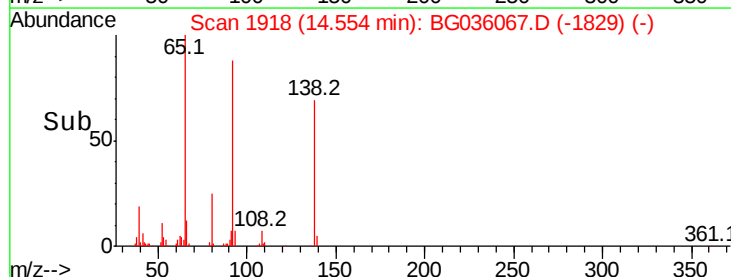
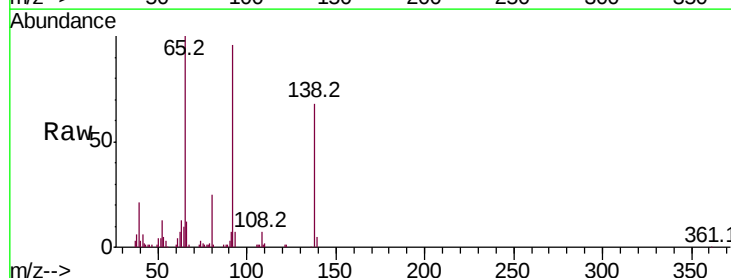
RT: 14.55 min Scan# 1918

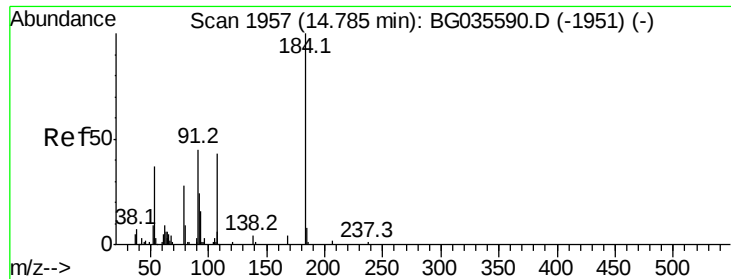
Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion:	138	Resp:	47215
Ion Ratio	Lower	Upper	
138	100		
108	10.6	17.5	26.3#
92	141.4	105.8	158.8





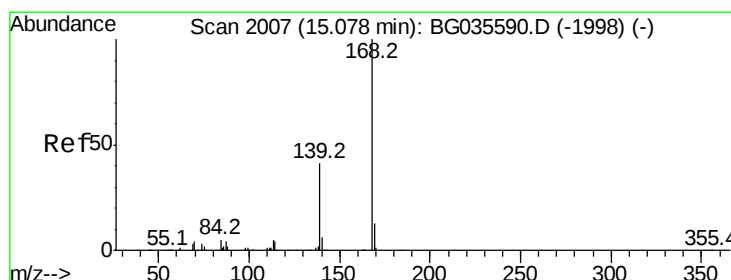
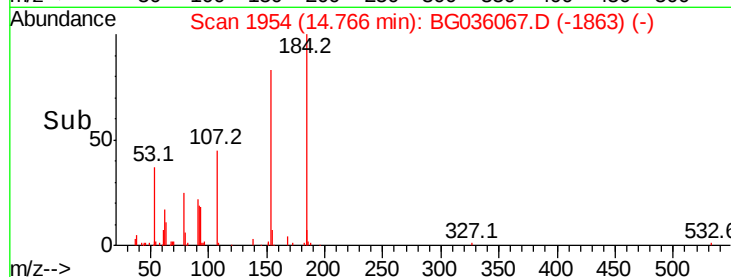
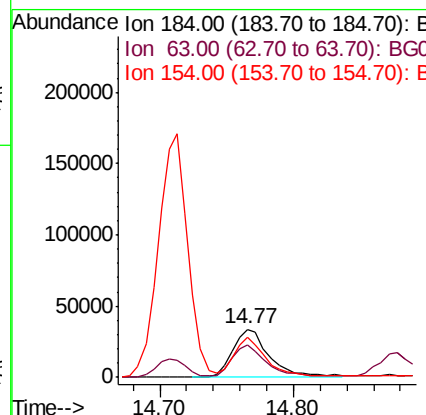
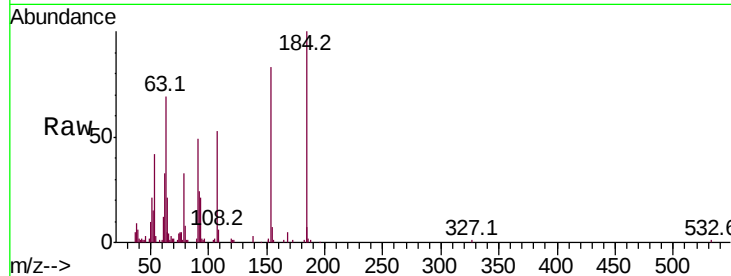
#53
2,4-Dinitrophenol
Concen: 79.669 ng
RT: 14.77 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	69.0	59.8	89.8
154	83.5	101.8	152.8

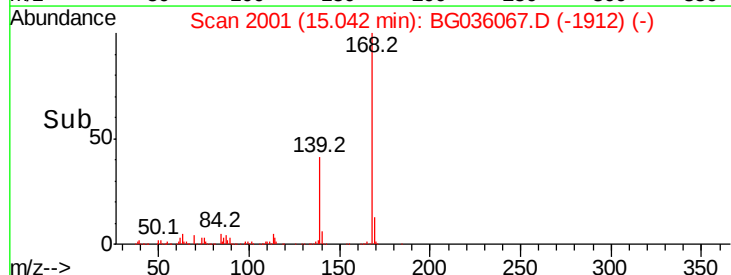
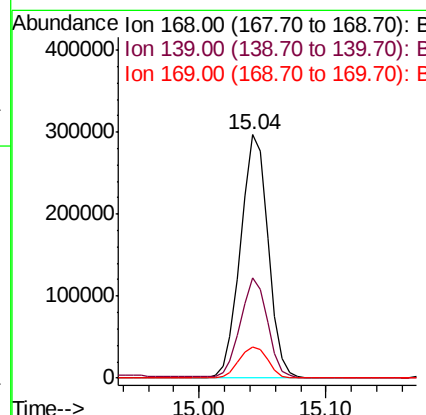
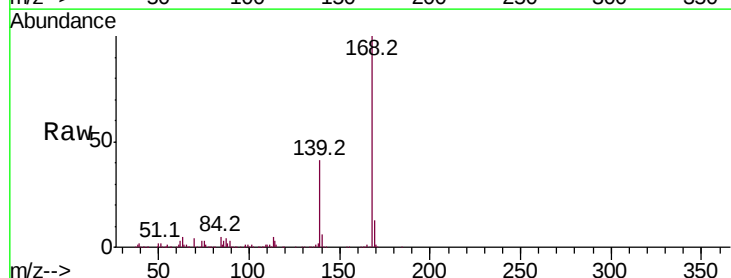
Manual Integrations
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#54
Dibenzofuran
Concen: 50.751 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.2	28.6	43.0
169	13.0	11.2	16.8





#55

4-Nitrophenol

Concen: 86.328 ng

RT: 14.88 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

ClientSampleId :

OK-03-073118MSD

Tot Ion:139 Resp: 98454

Ion Ratio Lower Upper

139 100

109 114.5 62.2 102.2#

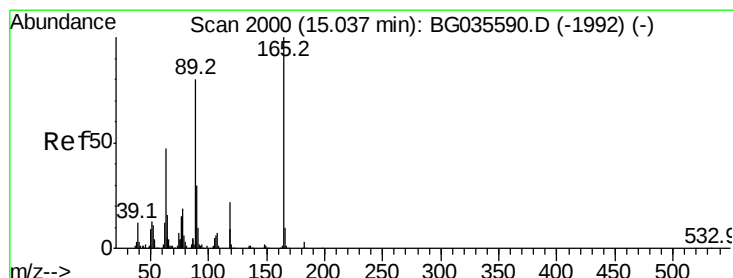
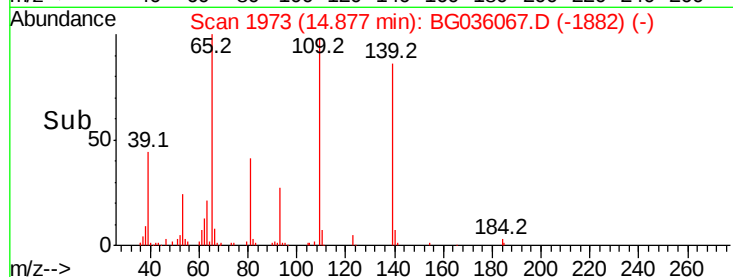
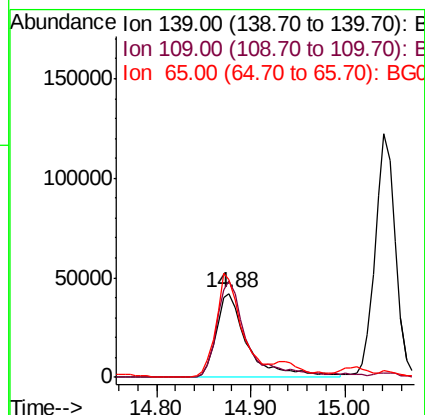
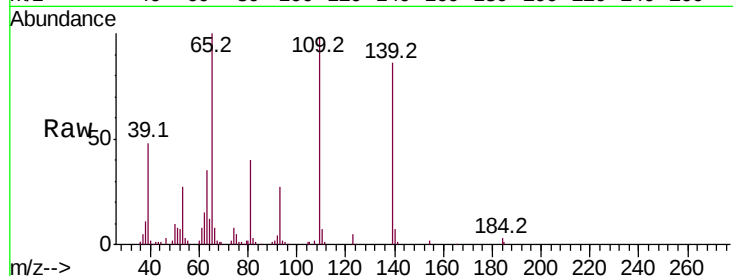
65 116.9 97.2 137.2

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#56

2,4-Dinitrotoluene

Concen: 57.922 ng

RT: 15.01 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion:165 Resp: 130200

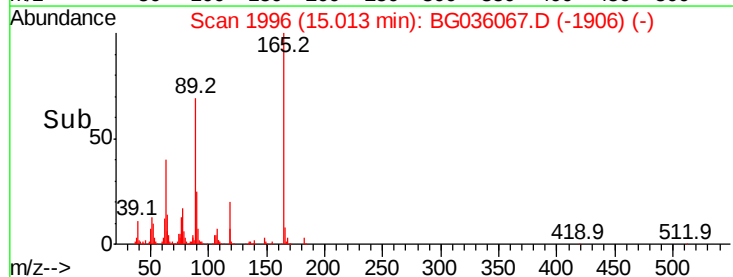
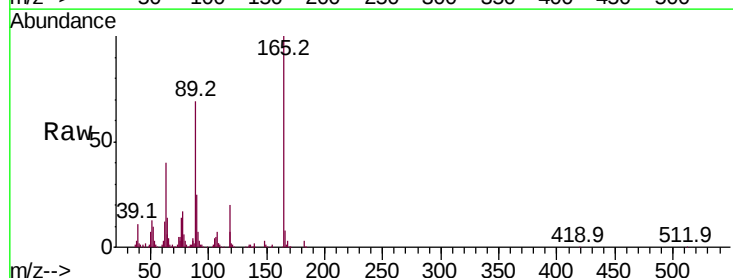
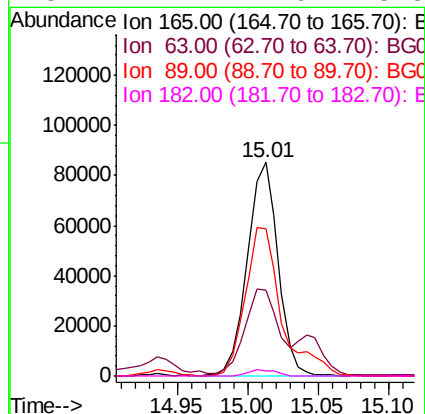
Ion Ratio Lower Upper

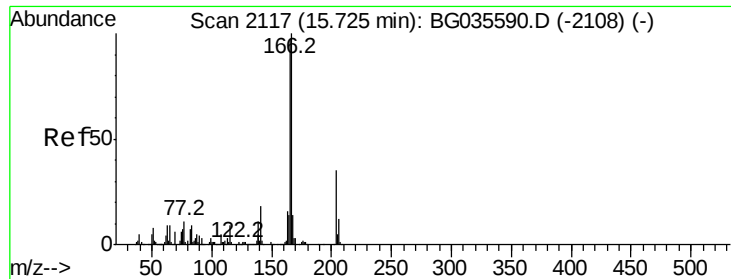
165 100

63 40.2 42.0 63.0#

89 68.8 66.9 100.3

182 2.7 2.6 3.8





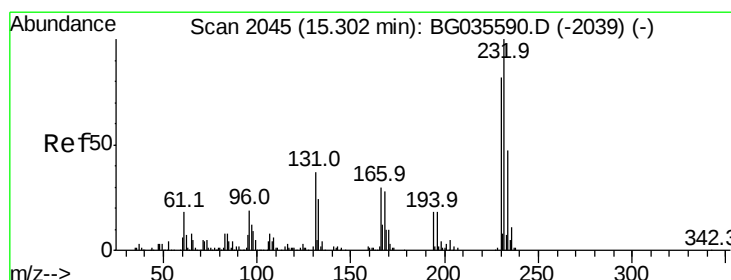
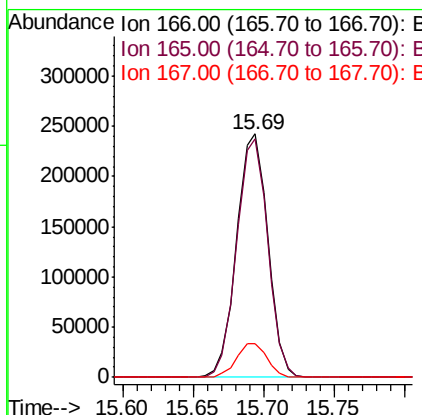
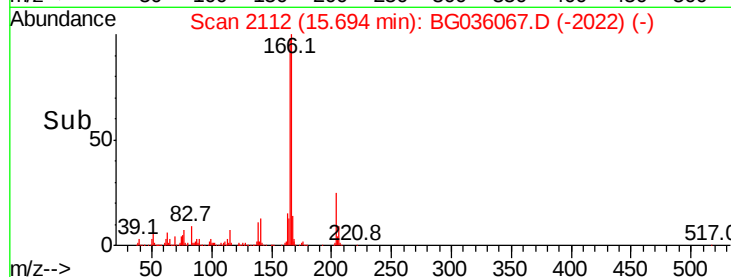
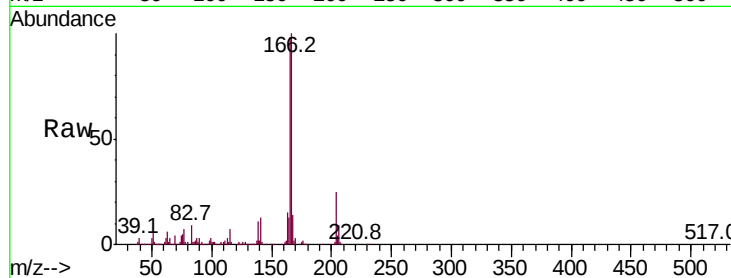
#57
Fluorene
 Concen: 50.999 ng
 RT: 15.69 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-073118MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.8	80.6	121.0
167	13.9	10.4	15.6

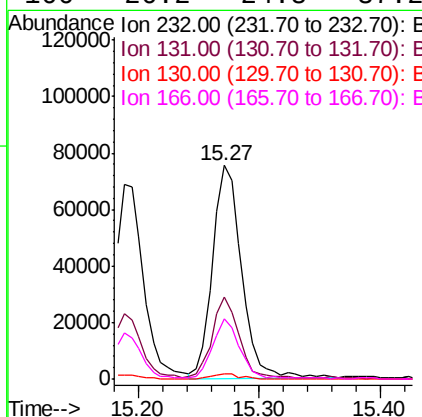
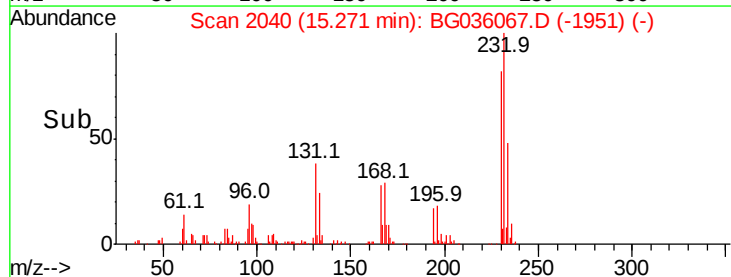
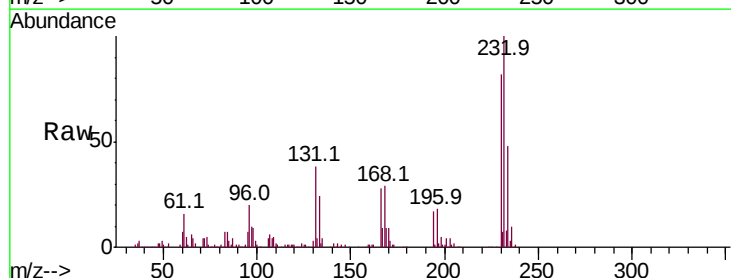
Manual Integrations
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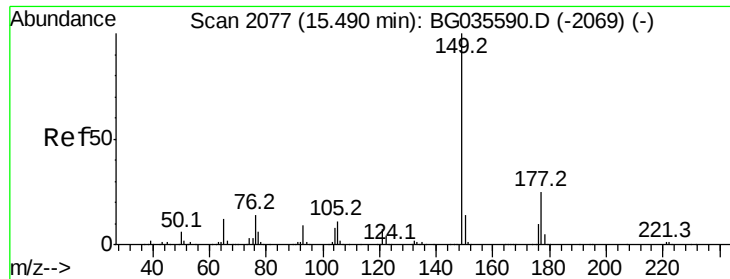
Sohil
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 59.862 ng
 RT: 15.27 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
232	100		
131	34.9	33.5	50.3
130	2.5	2.2	3.2
166	26.2	24.8	37.2





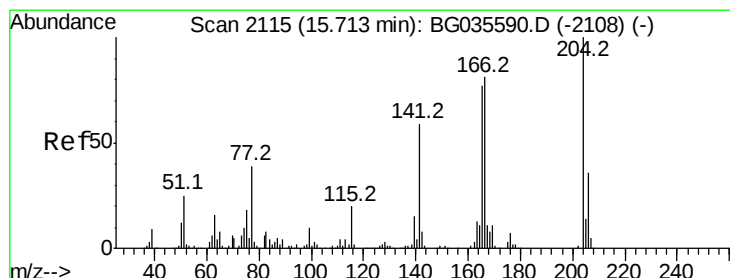
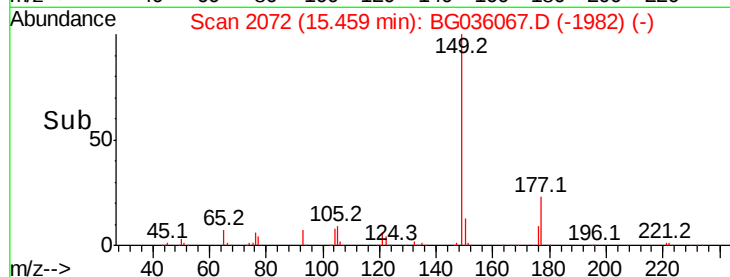
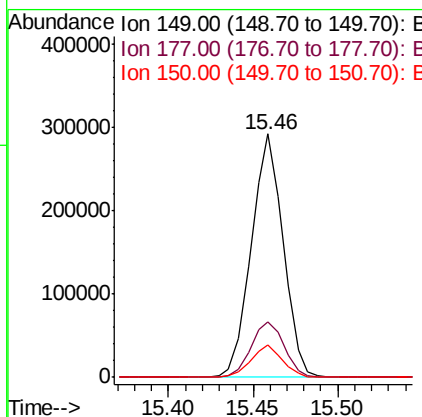
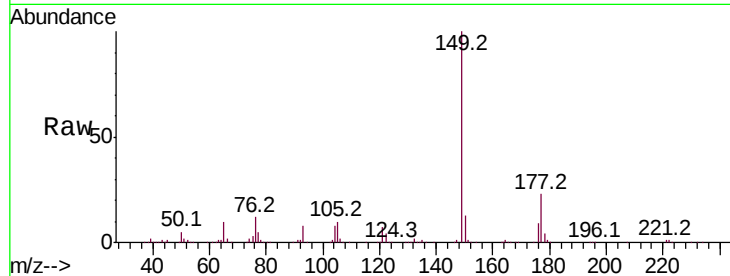
#59
Diethylphthalate
Concen: 48.526 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	383919		
177	22.7	18.5	27.7	
150	13.4	10.2	15.2	

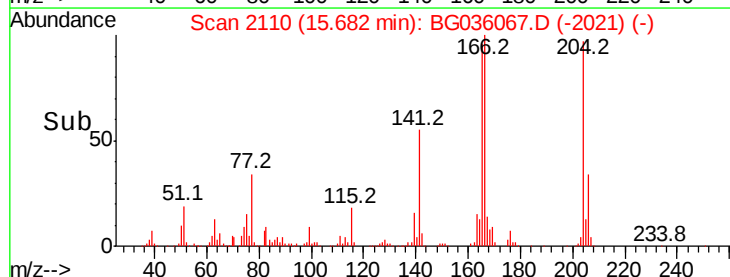
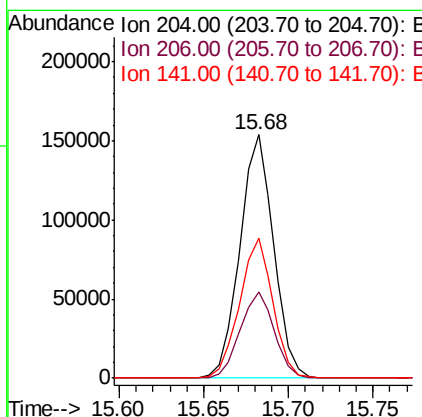
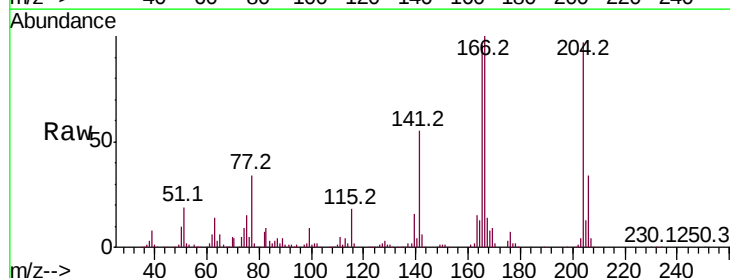
Manual Integrations
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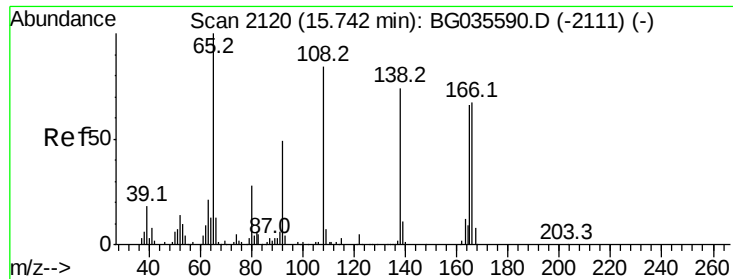
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 49.347 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	213651		
206	35.3	26.2	39.2	
141	57.3	45.8	68.6	





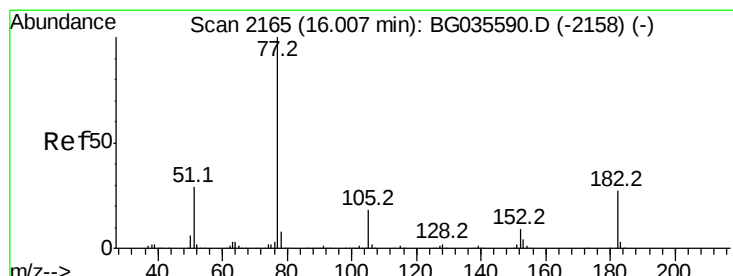
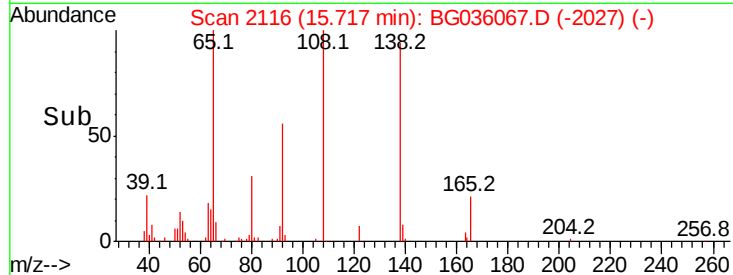
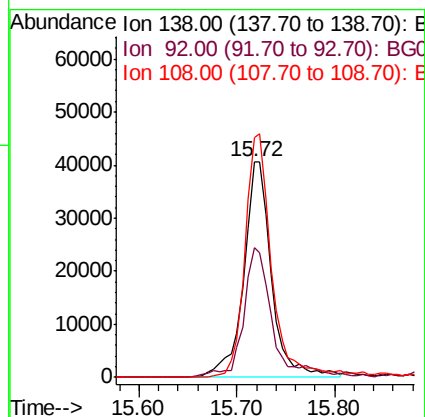
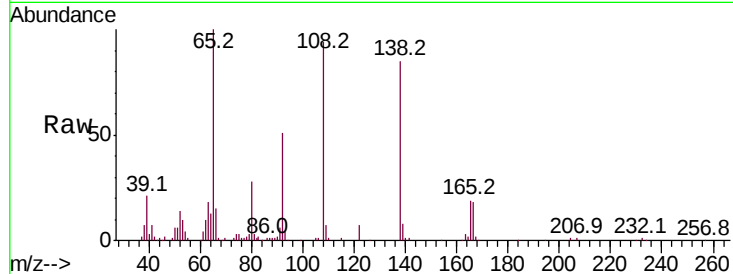
#61
4-Nitroaniline
Concen: 48.583 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	60.2	40.1	80.1
108	110.8	65.4	105.4

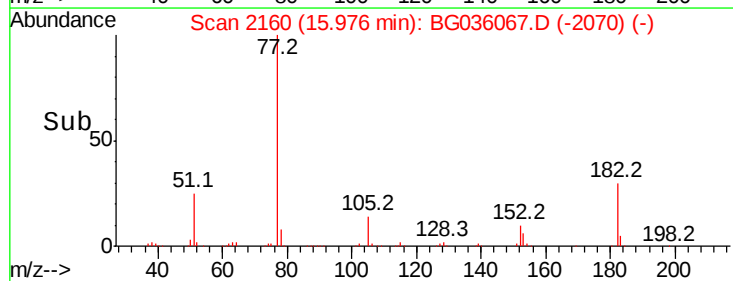
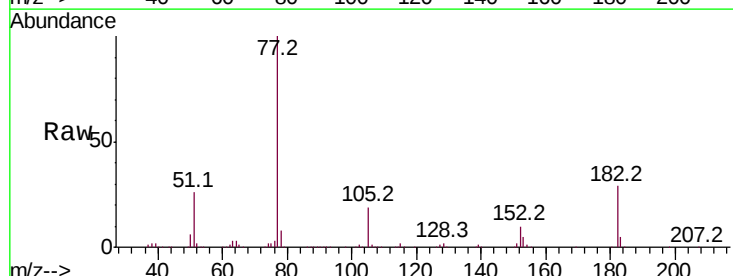
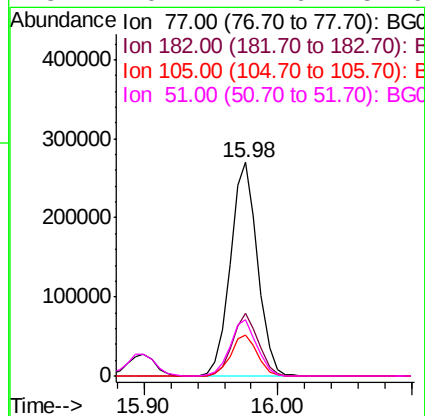
Manual Integrations
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8/3/2018 12:58:35 PM



#62
Azobenzene
Concen: 48.913 ng
RT: 15.98 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.4	7.4	47.4
105	19.4	0.3	40.3
51	26.1	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

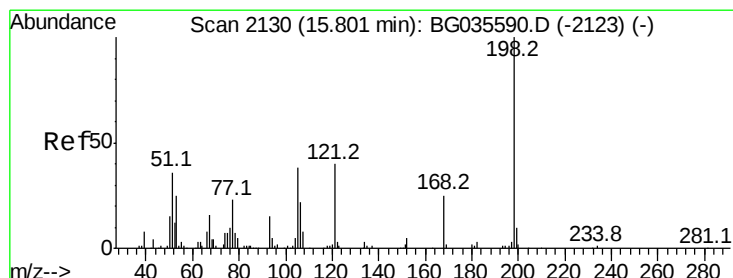
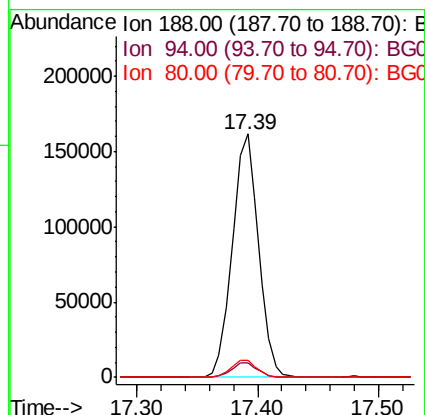
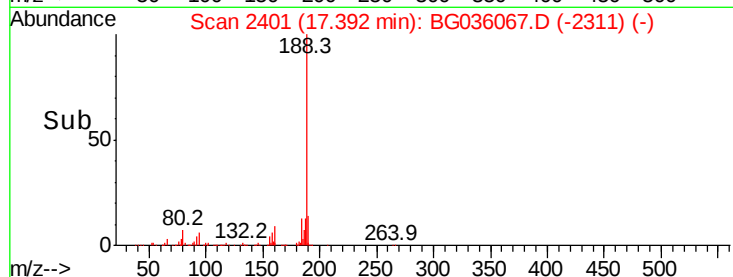
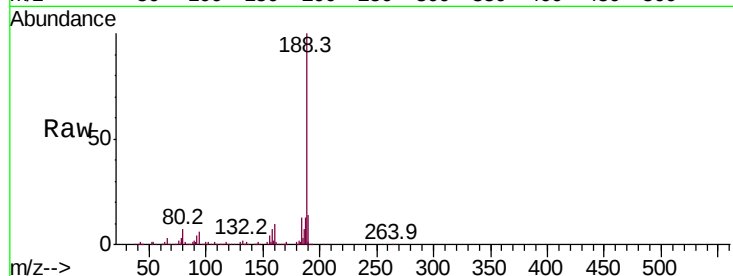
ClientSampleId :

OK-03-073118MSD

Tot Ion:188	Resp:	243401
Ion Ratio	Lower	Upper
188 100		
94 6.1	6.9	10.3#
80 7.2	7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 51.627 ng

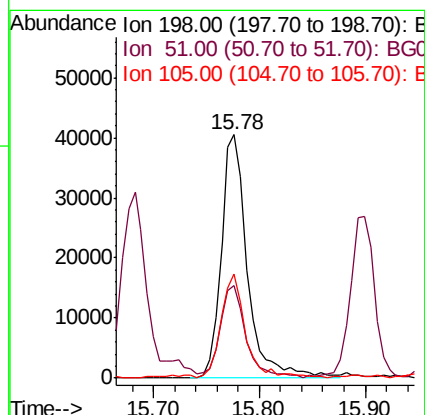
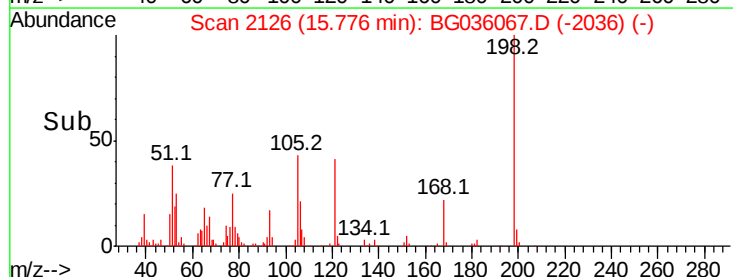
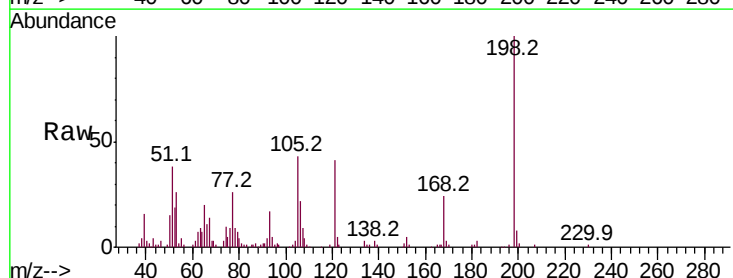
RT: 15.78 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion:198	Resp:	69951
Ion Ratio	Lower	Upper
198 100		
51 38.2	30.6	70.6
105 42.8	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 47.856 ng

RT: 15.90 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

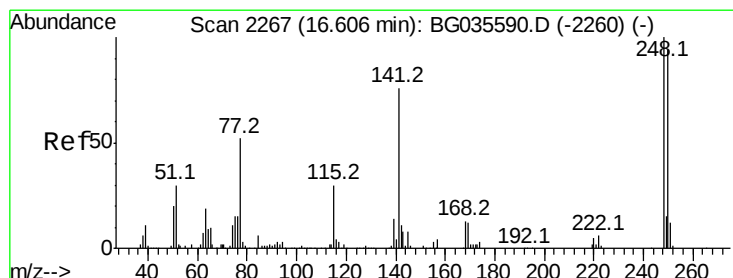
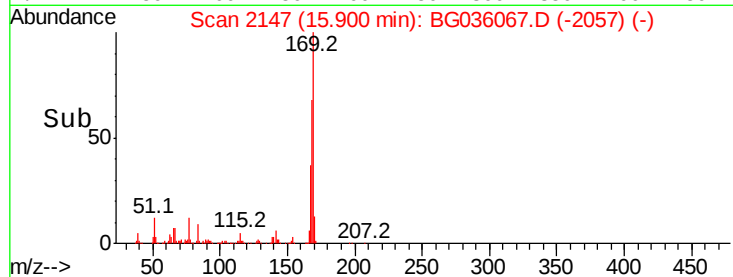
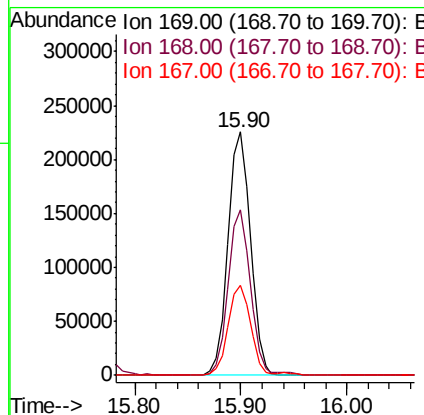
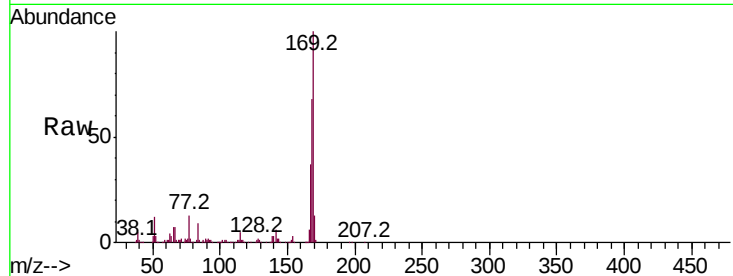
ClientSampleId :

OK-03-073118MSD

Tot Ion:	169	Resp:	331553
Ion Ratio	Lower	Upper	
169	100		
168	67.8	55.7	83.5
167	36.8	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 52.943 ng

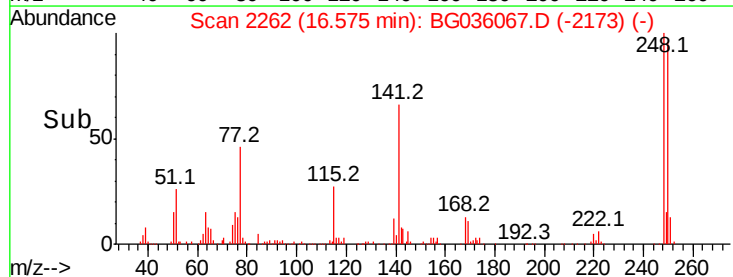
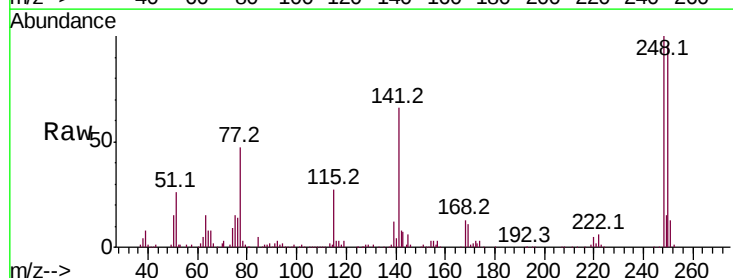
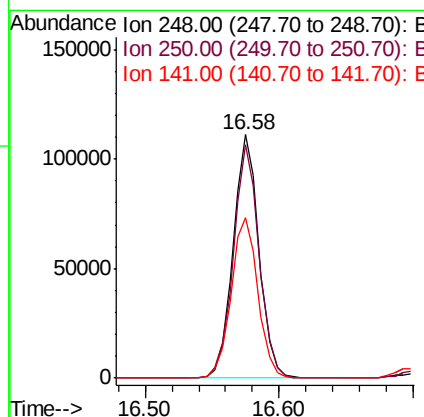
RT: 16.58 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion:	248	Resp:	149503
Ion Ratio	Lower	Upper	
248	100		
250	95.9	77.1	115.7
141	66.0	50.8	76.2





#67

Hexachlorobenzene

Concen: 53.310 ng

RT: 16.70 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

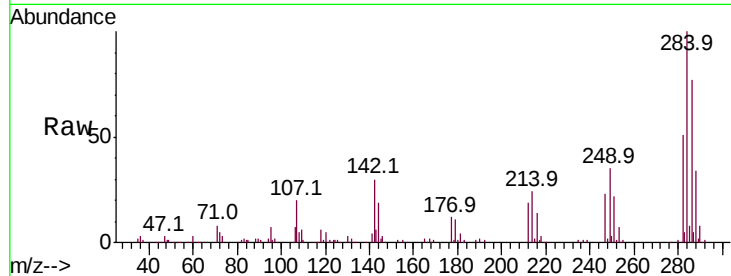
ClientSampleId :

OK-03-073118MSD

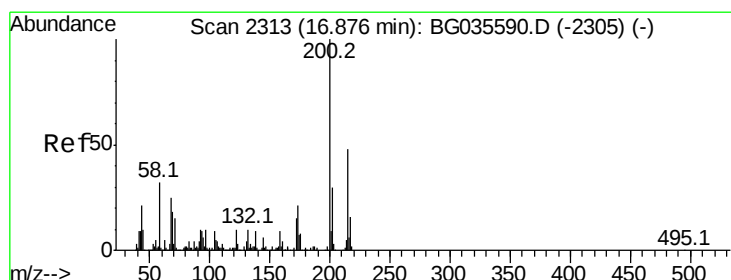
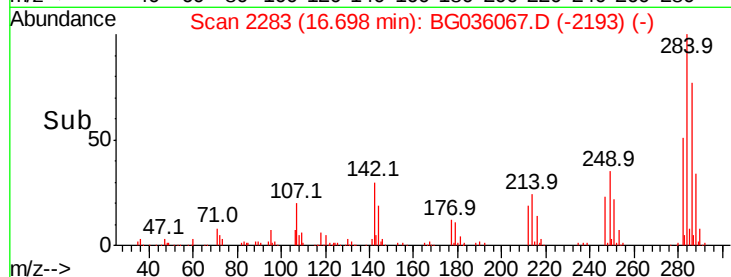
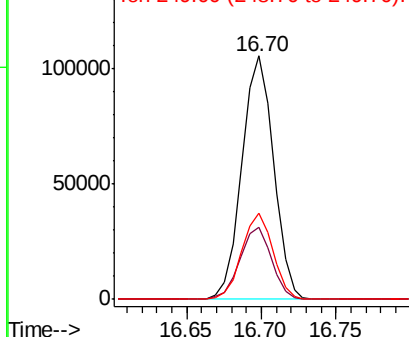
Tot Ion:	284	Resp:	155028
Ion Ratio	Lower	Upper	
284	100		
142	29.5	26.8	40.2
249	35.5	26.3	39.5

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



#68

Atrazine

Concen: 48.241 ng

RT: 16.85 min Scan# 2308

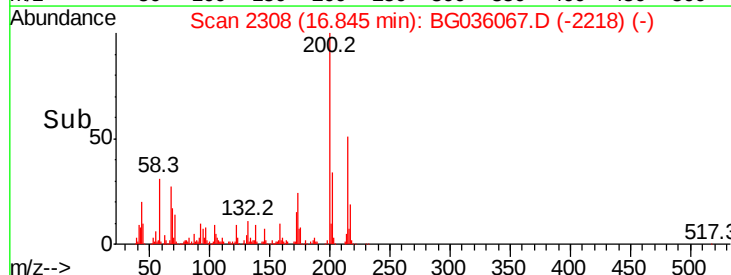
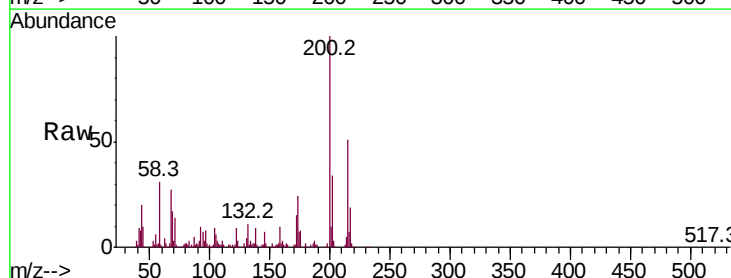
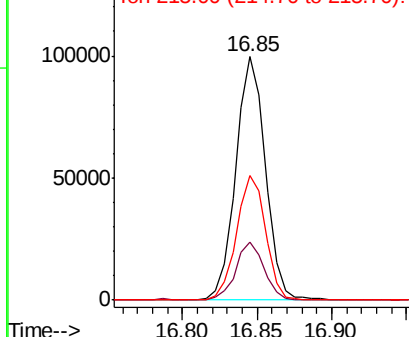
Delta R.T. -0.00 min

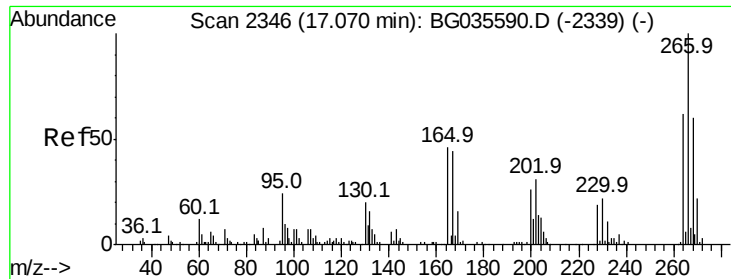
Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion:	200	Resp:	137608
Ion Ratio	Lower	Upper	
200	100		
173	23.7	5.2	45.2
215	51.0	30.4	70.4

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





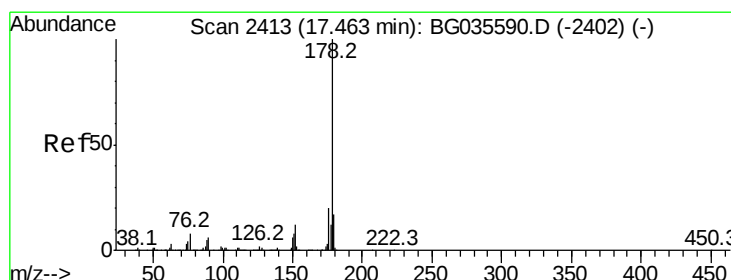
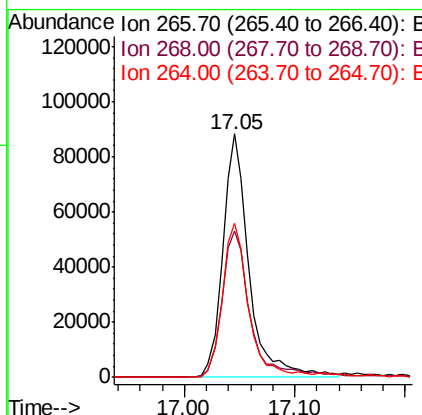
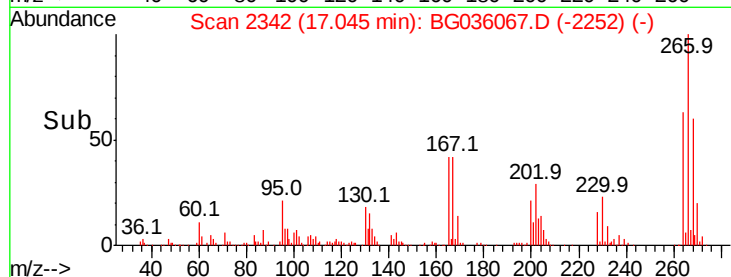
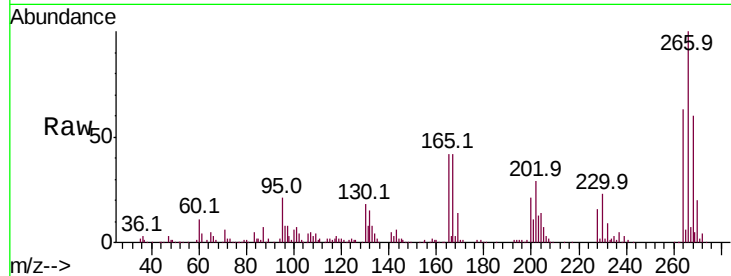
#69
 Pentachlorophenol
 Concen: 82.833 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-073118MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	60.0	51.1	76.7	
264	63.4	49.6	74.4	

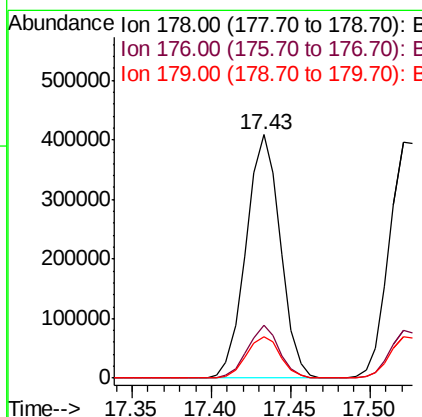
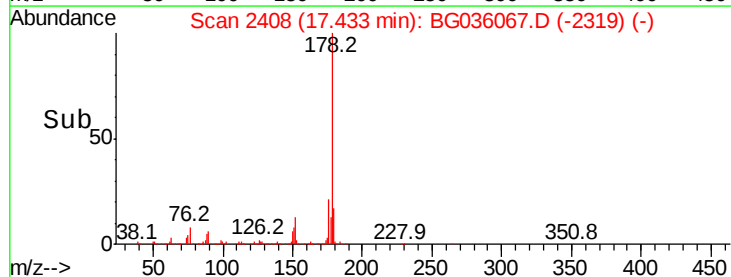
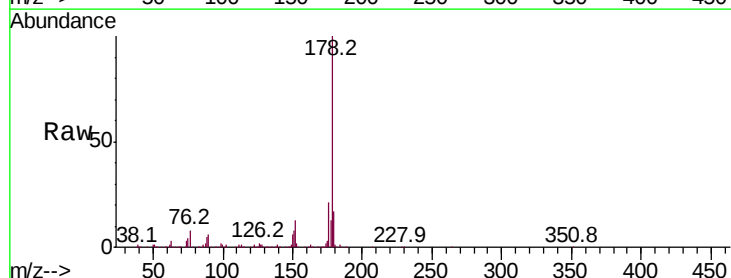
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#70
 Phenanthrene
 Concen: 50.600 ng
 RT: 17.43 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	21.5	15.7	23.5	
179	17.2	12.5	18.7	





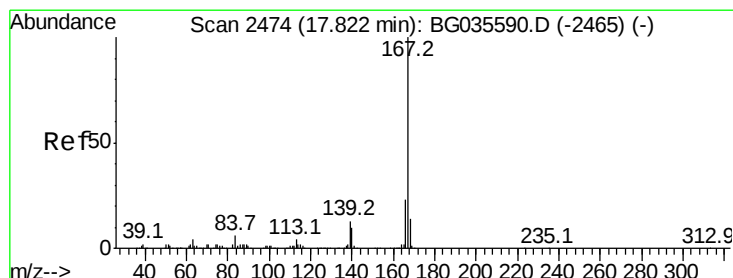
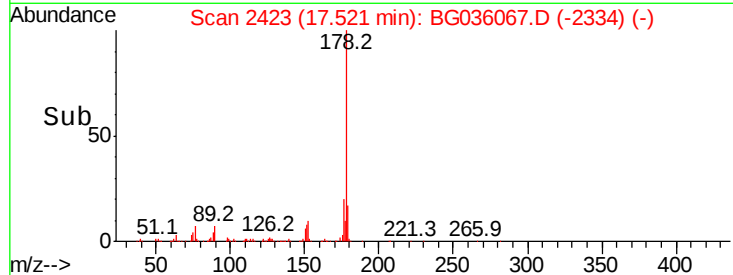
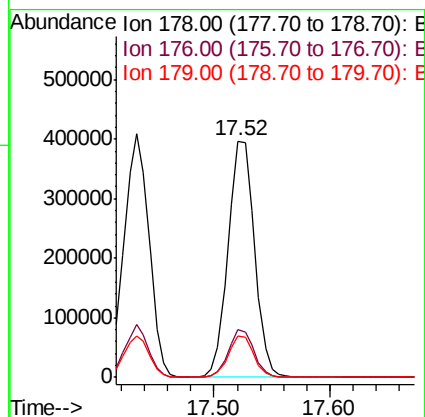
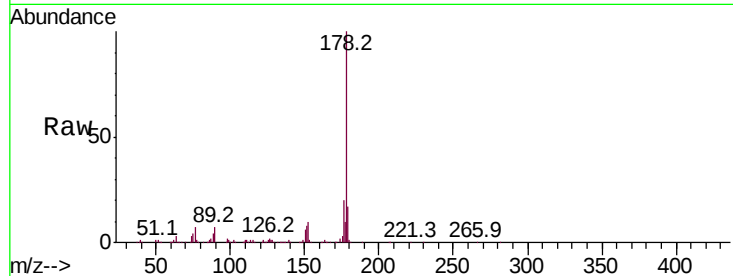
#71
 Anthracene
 Concen: 52.127 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-073118MSD

Tot Ion:	178	Resp:	630388
Ion Ratio	Lower	Upper	
178	100		
176	20.2	16.0	24.0
179	17.3	12.5	18.7

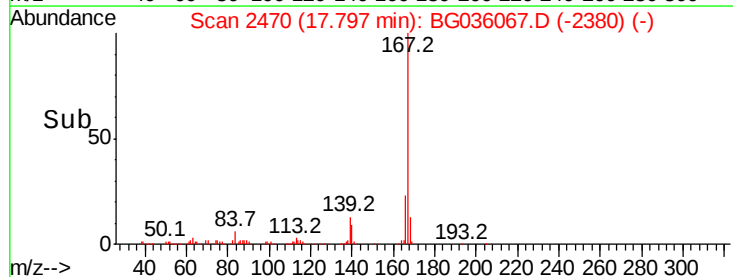
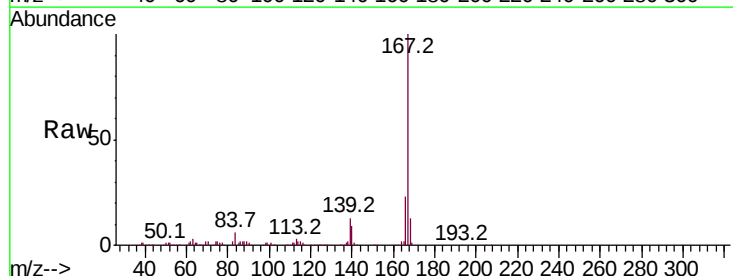
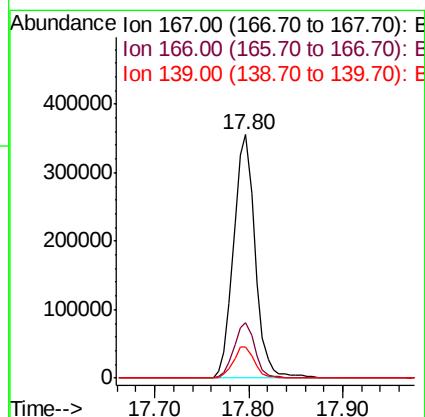
Manual Integrations
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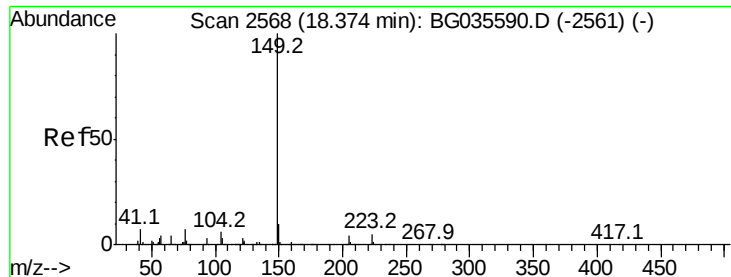
Sohil
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#72
 Carbazole
 Concen: 49.435 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Tgt Ion:	167	Resp:	567757
Ion Ratio	Lower	Upper	
167	100		
166	23.0	18.2	27.4
139	12.6	9.4	14.2





#73

Di-n-butylphthalate

Concen: 48.991 ng

RT: 18.34 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

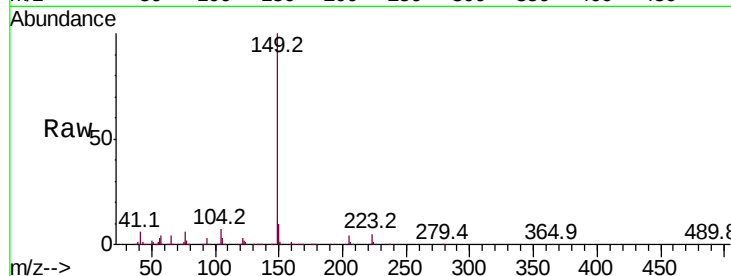
ClientSampleId :

OK-03-073118MSD

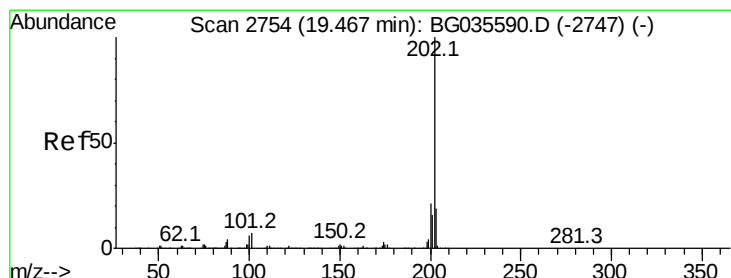
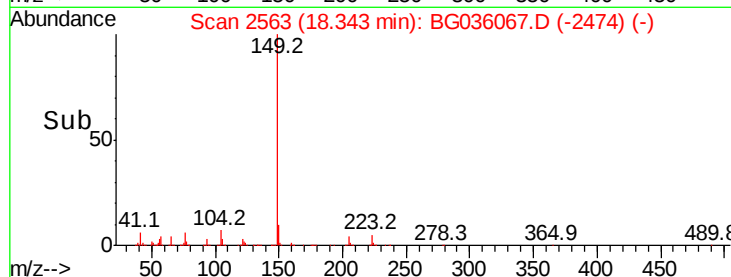
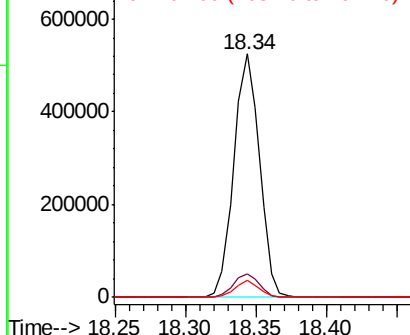
Tot Ion:	149	Resp:	664902
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	6.8	3.9	5.9

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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: 50.185 ng

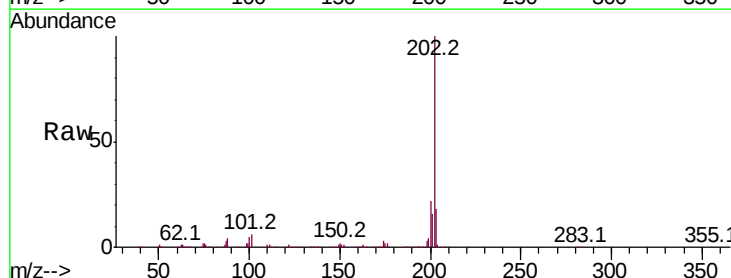
RT: 19.44 min Scan# 2750

Delta R.T. -0.00 min

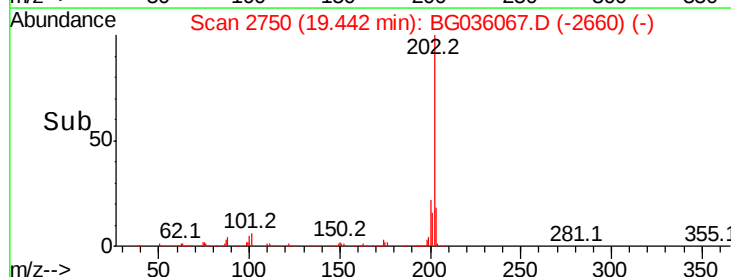
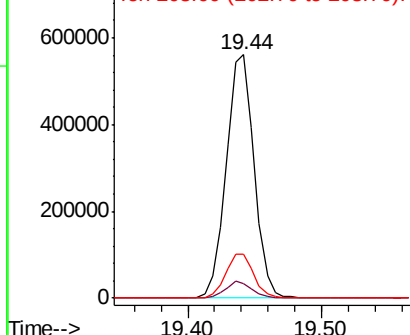
Lab File: BG036067.D

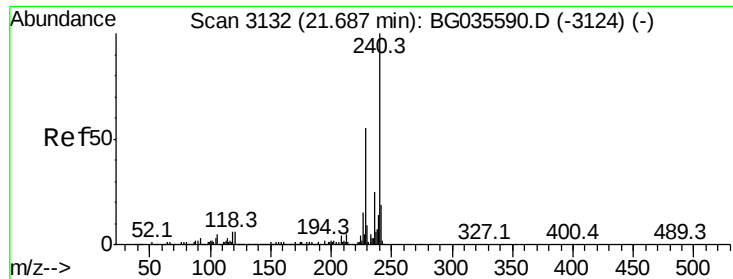
Acq: 2 Aug 2018 19:26

Tgt Ion:	202	Resp:	821006
Ion Ratio	Lower	Upper	
202	100		
101	6.2	0.0	28.9
203	18.2	0.0	37.5



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

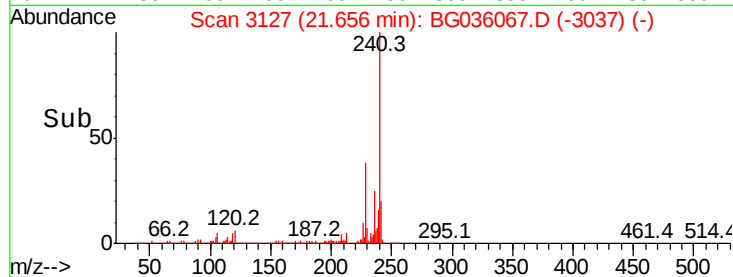
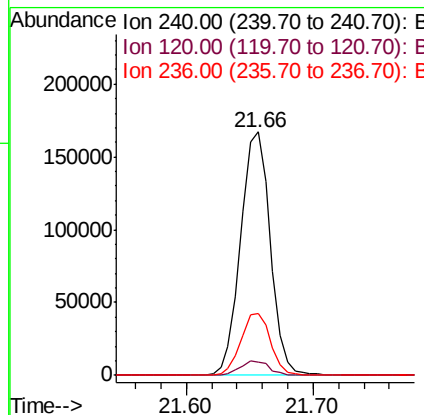
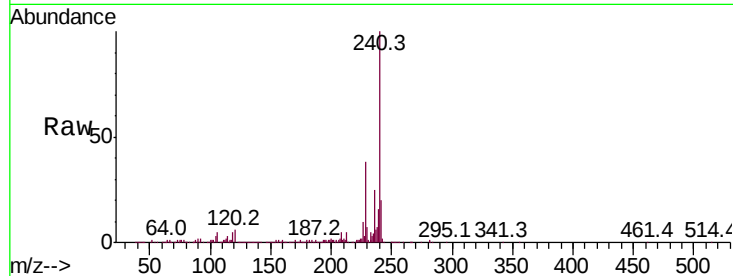
ClientSampleId :

OK-03-073118MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.8	10.2#
236	25.3	20.9	31.3

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#76

Benzidine

Concen: 6.874 ng

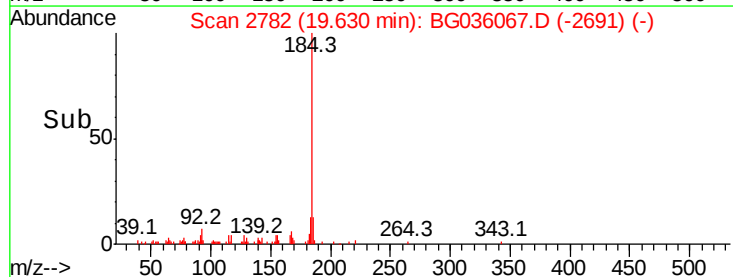
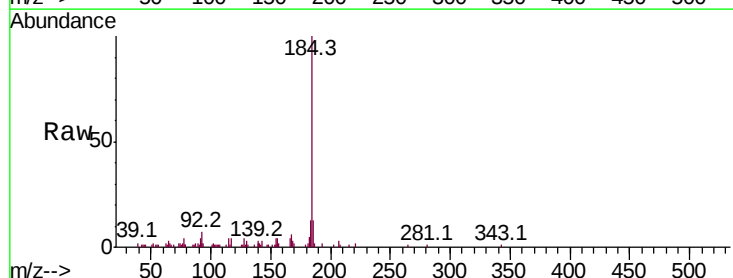
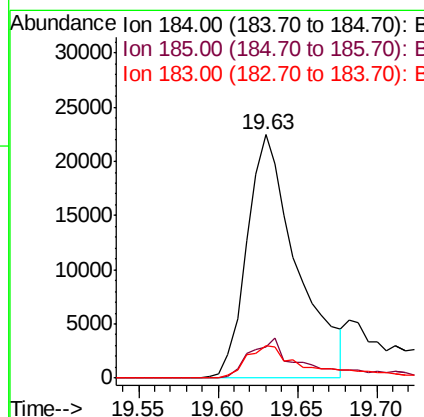
RT: 19.63 min Scan# 2782

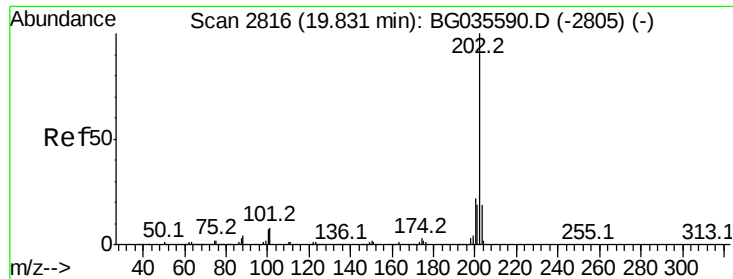
Delta R.T. 0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
184	100		
185	12.9	11.1	16.7
183	13.1	10.6	16.0





#77

Pvrene

Concen: 48.197 ng

RT: 19.80 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

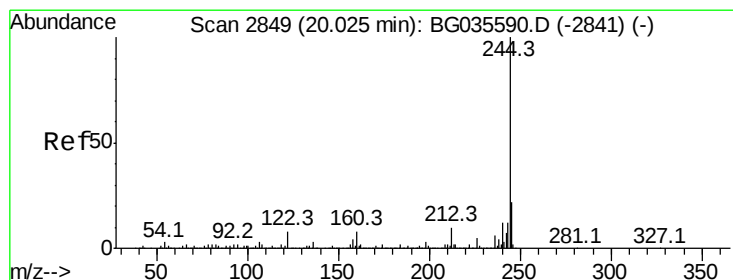
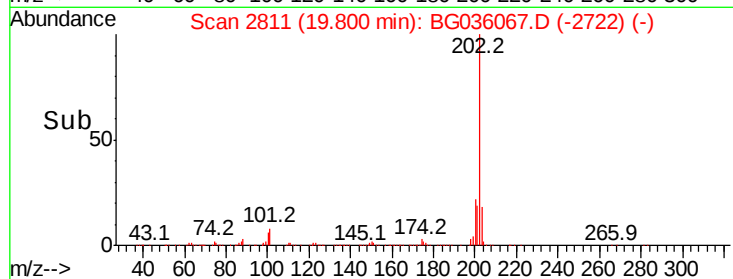
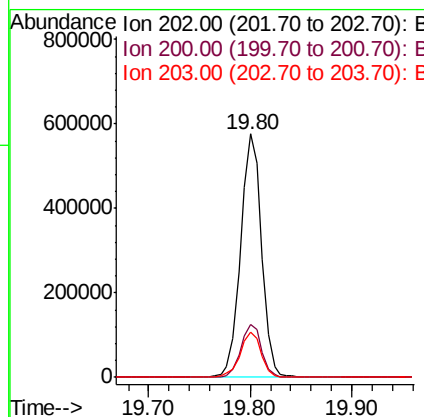
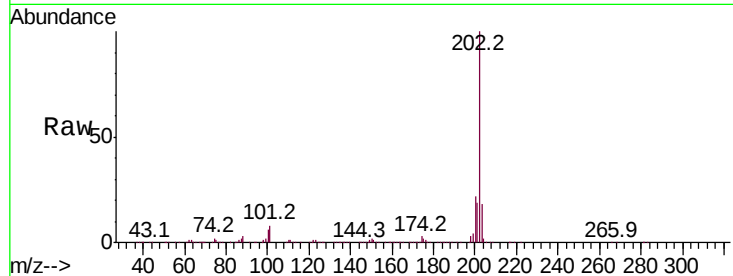
ClientSampleId :

OK-03-073118MSD

Tot Ion:	202	Resp:	826628
Ion Ratio	Lower	Upper	
202	100		
200	21.6	16.9	25.3
203	18.3	13.9	20.9

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#78

Terphenyl-d14

Concen: 104.124 ng

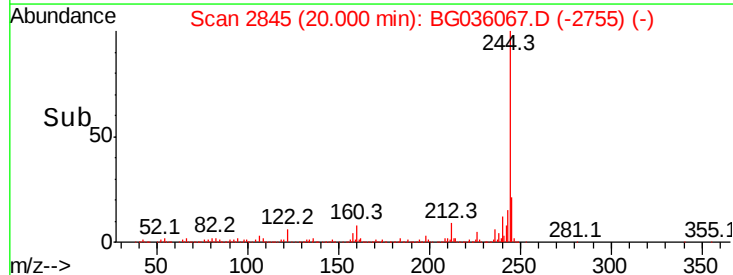
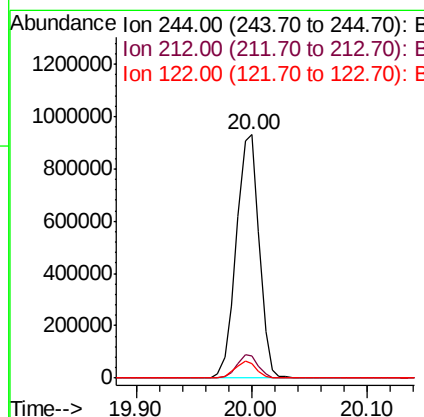
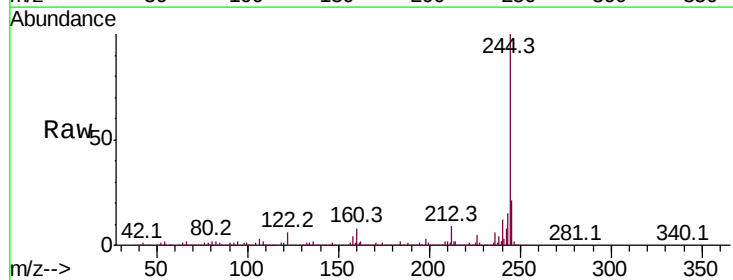
RT: 20.00 min Scan# 2845

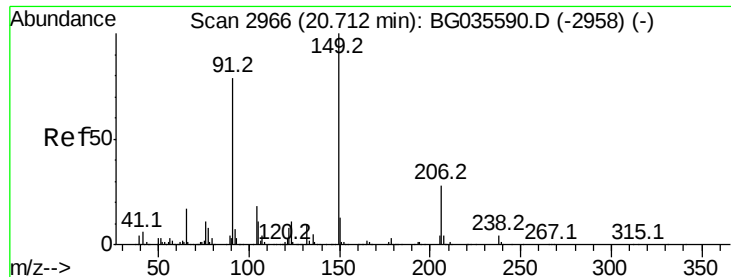
Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion:	244	Resp:	1281259
Ion Ratio	Lower	Upper	
244	100		
212	9.1	5.8	8.8#
122	5.9	7.0	10.4#





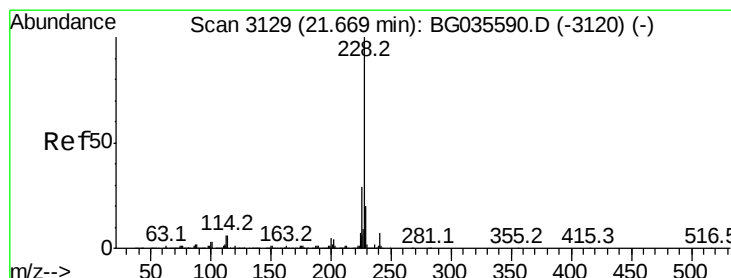
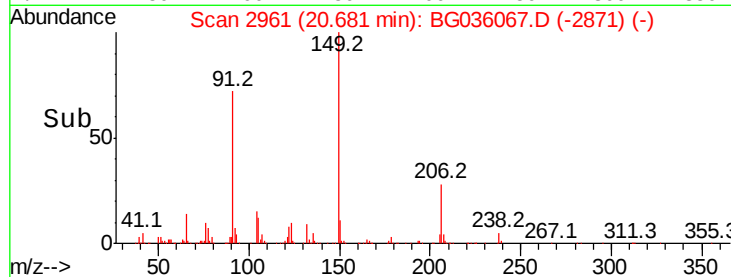
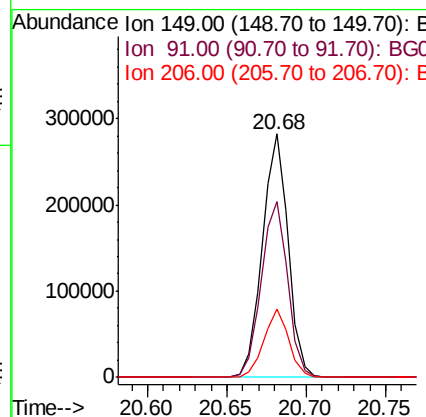
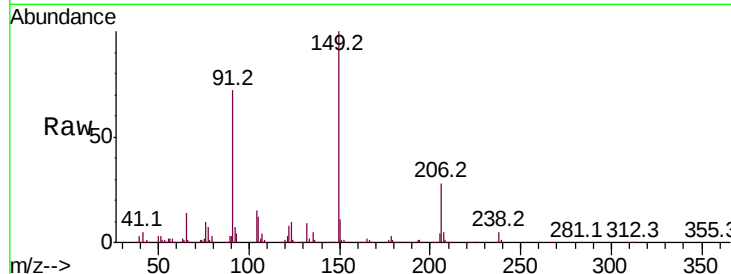
#79
Butylbenzylphthalate
Concen: 52.222 ng
RT: 20.68 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	72.4	62.2	93.2	
206	28.0	18.6	27.8	

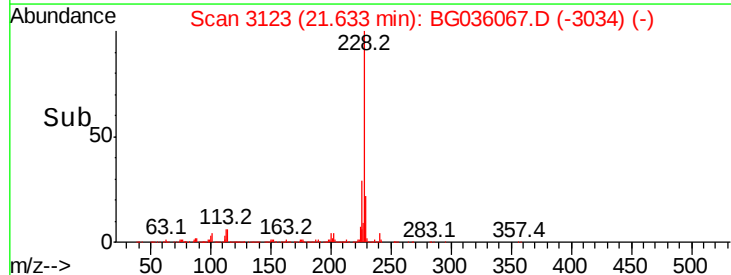
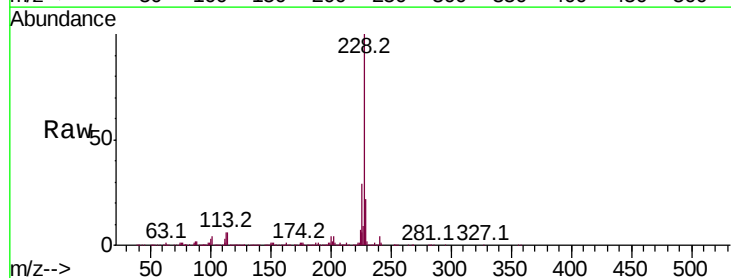
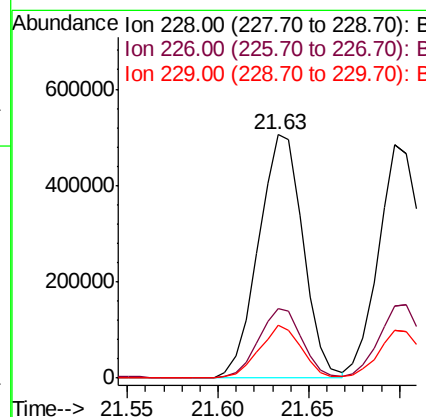
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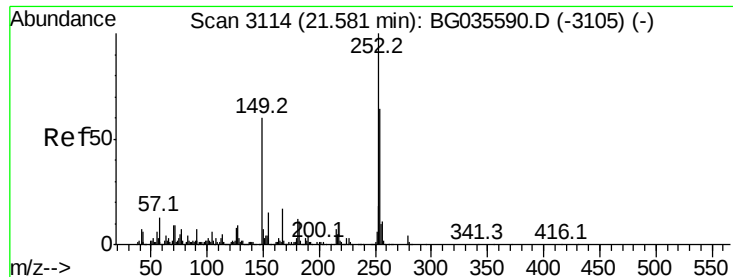
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#80
Benzo(a)anthracene
Concen: 50.957 ng
RT: 21.63 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BG036067.D
Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.5	22.7	34.1	
229	21.5	16.2	24.2	





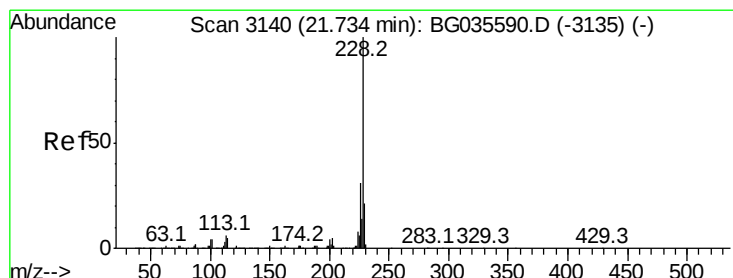
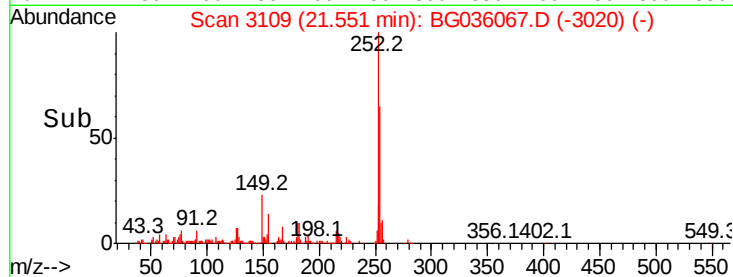
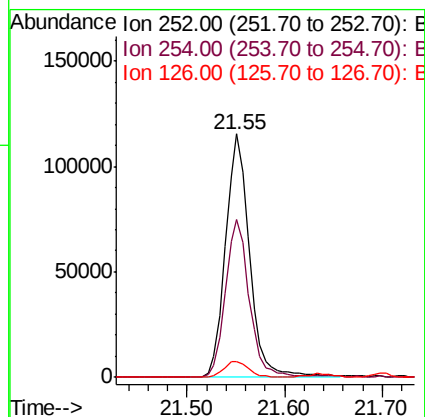
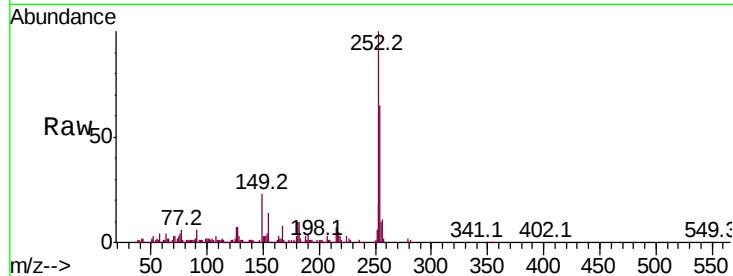
#81
 3,3'-Dichlorobenzidine
 Concen: 33.495 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-073118MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	197412		
254	64.8	50.8	76.2	
126	6.7	7.4	11.2	

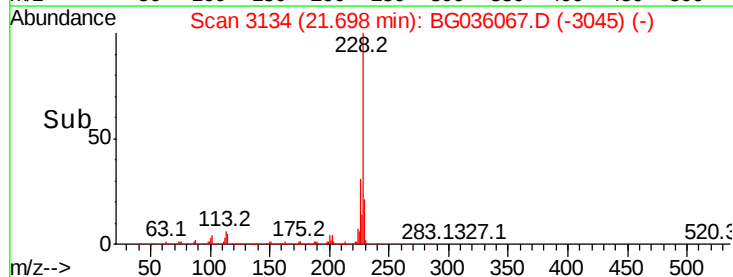
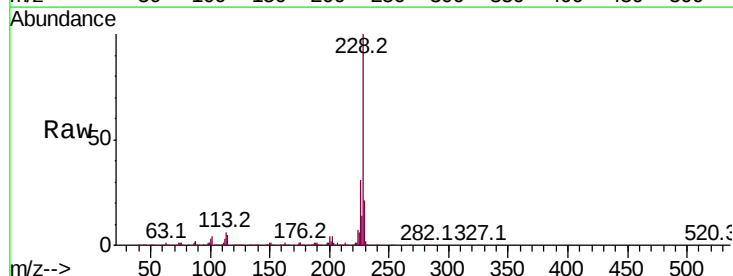
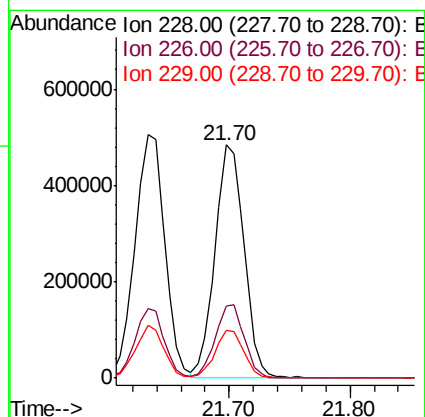
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#82
 Chrysene
 Concen: 51.308 ng
 RT: 21.70 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BG036067.D
 Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	803664		
226	31.2	24.9	37.3	
229	20.6	15.0	22.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.688 ng

RT: 21.53 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

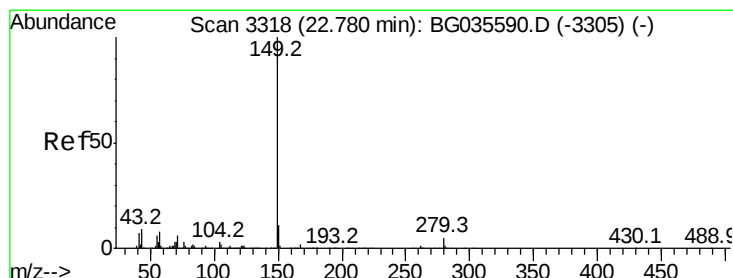
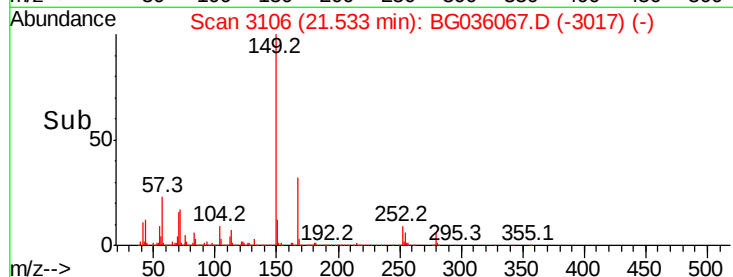
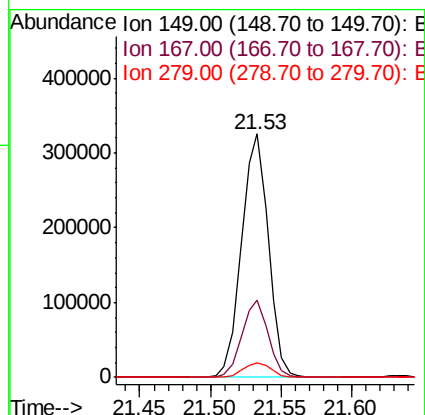
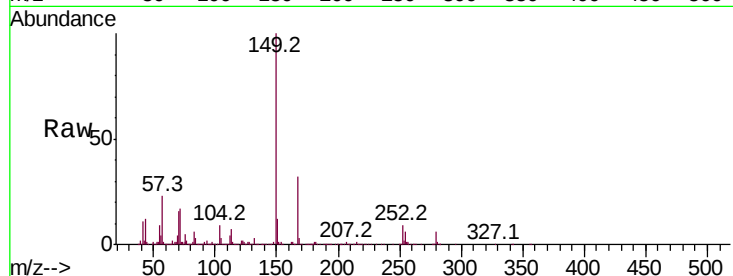
ClientSampleId :

OK-03-073118MSD

Tot Ion:	149	Resp:	430980
Ion Ratio	Lower	Upper	
149	100		
167	31.8	24.3	36.5
279	5.9	4.0	6.0

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#84

Di-n-octyl phthalate

Concen: 52.817 ng

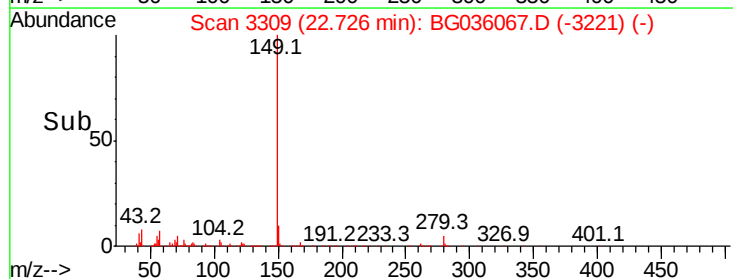
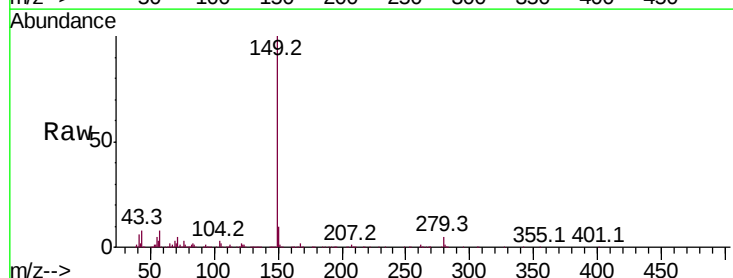
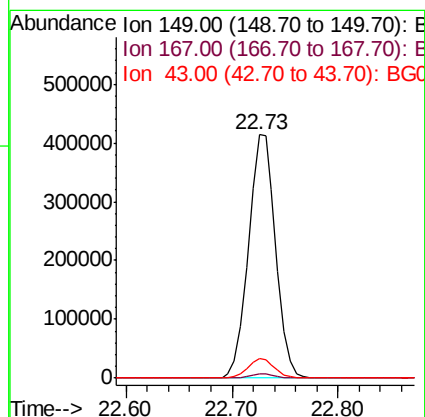
RT: 22.73 min Scan# 3309

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion:	149	Resp:	737390
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	7.7	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 51.559 ng

RT: 28.49 min Scan# 4291

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

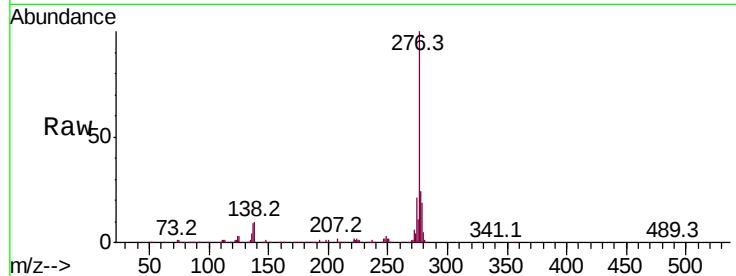
ClientSampleId :

OK-03-073118MSD

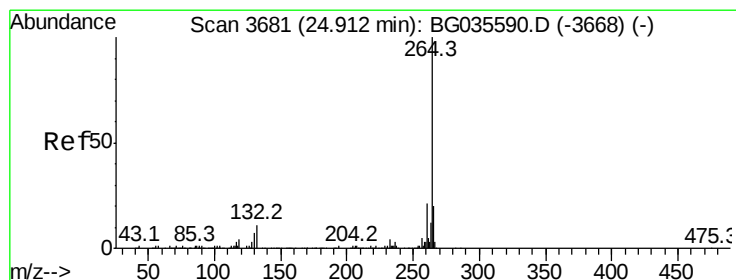
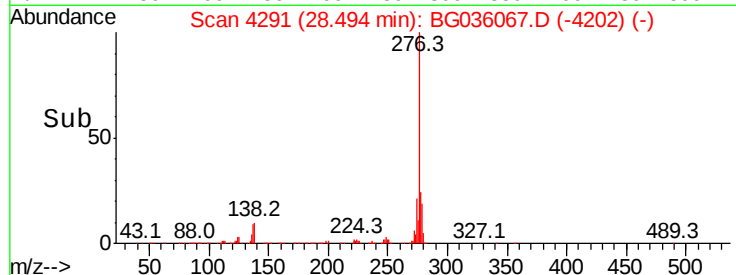
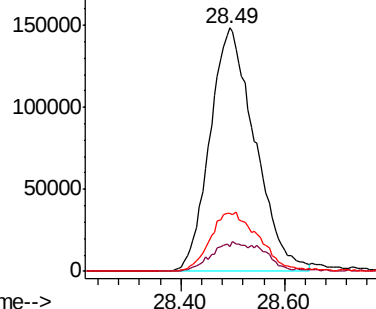
Tot Ion:	276	Resp:	894133
Ion Ratio	Lower	Upper	
276	100		
138	9.2	16.0	24.0#
277	26.1	20.0	30.0

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3670

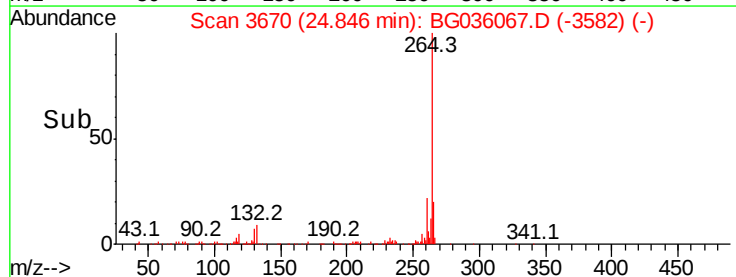
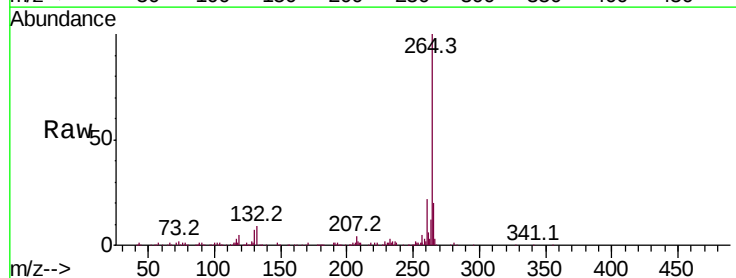
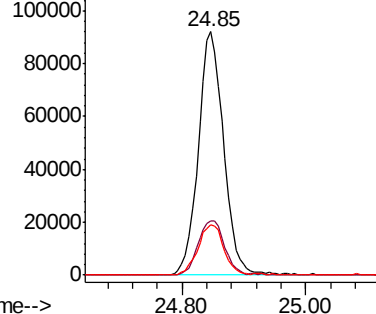
Delta R.T. -0.01 min

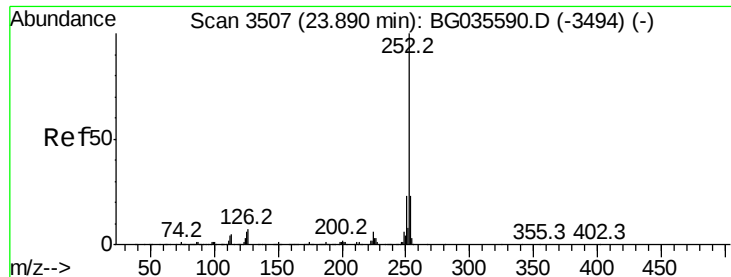
Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion:	264	Resp:	262397
Ion Ratio	Lower	Upper	
264	100		
260	22.2	17.4	26.0
265	20.5	17.7	26.5

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 52.041 ng

RT: 23.84 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BG036067.D

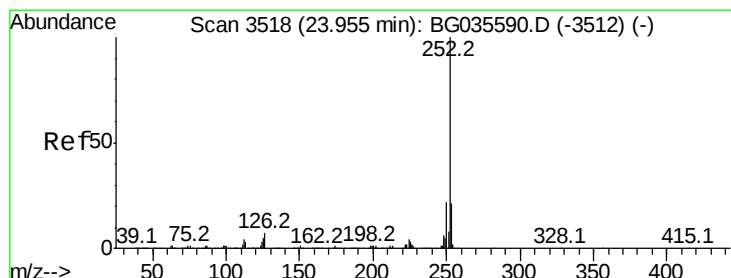
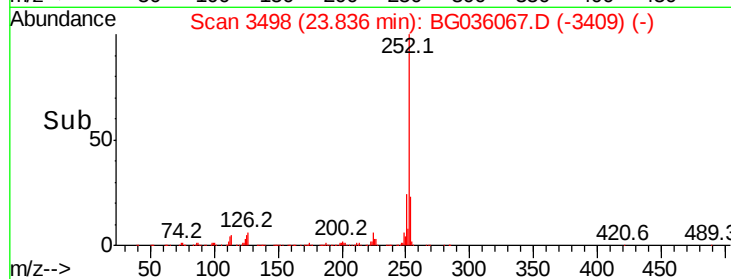
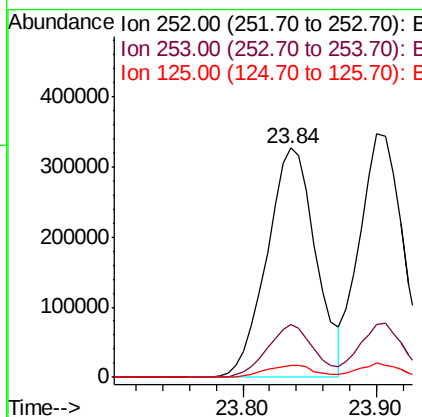
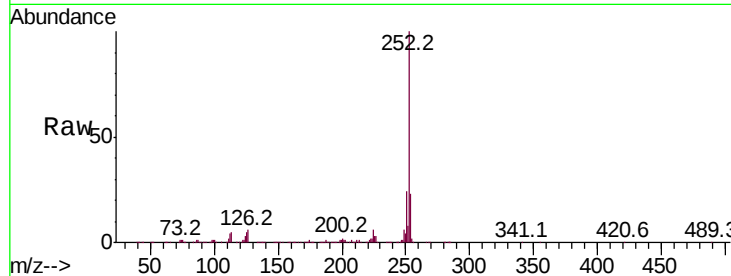
Acq: 2 Aug 2018 19:26

Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	5.3	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 50.189 ng

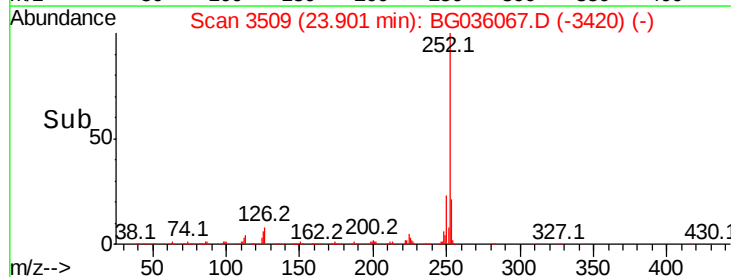
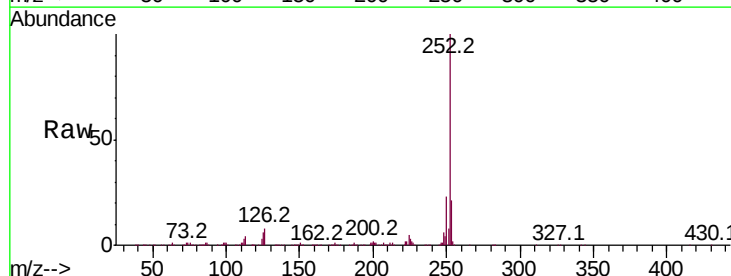
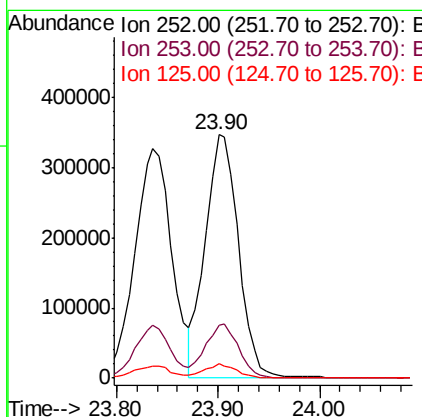
RT: 23.90 min Scan# 3509

Delta R.T. -0.01 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	5.8	6.6	9.8





#89

Benzo(a)pyrene

Concen: 52.842 ng

RT: 24.71 min Scan# 3646

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

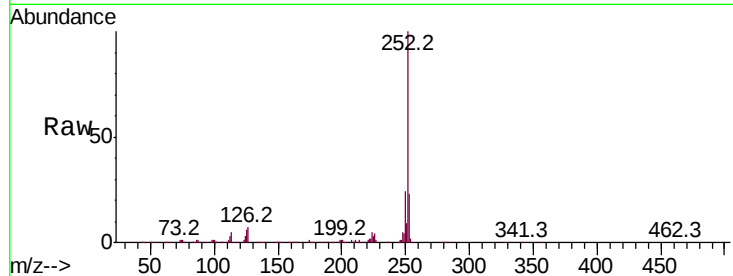
ClientSampleId :

OK-03-073118MSD

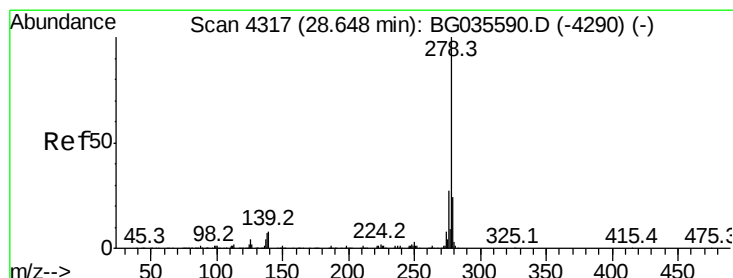
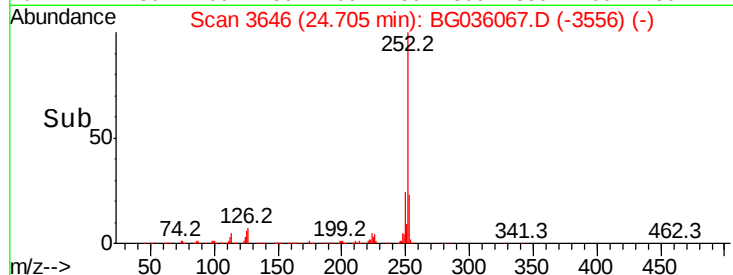
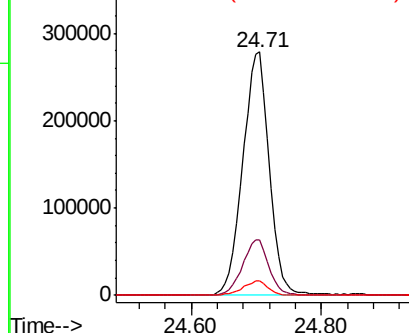
Tot Ion:	252	Resp:	784024
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.3	27.5
125	5.8	7.3	10.9#

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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: 50.609 ng

RT: 28.55 min Scan# 4300

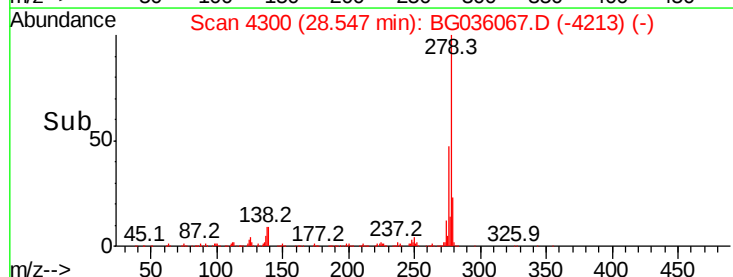
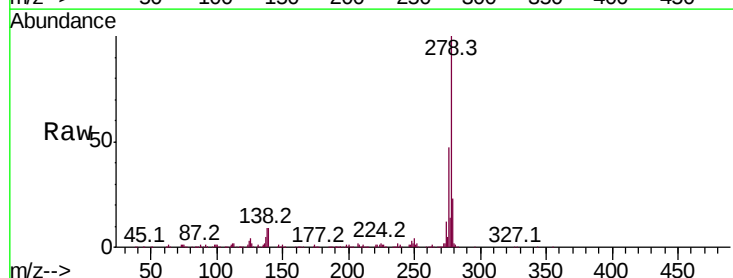
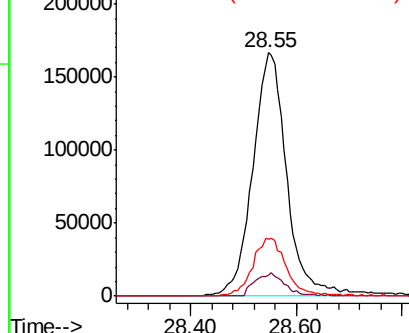
Delta R.T. -0.02 min

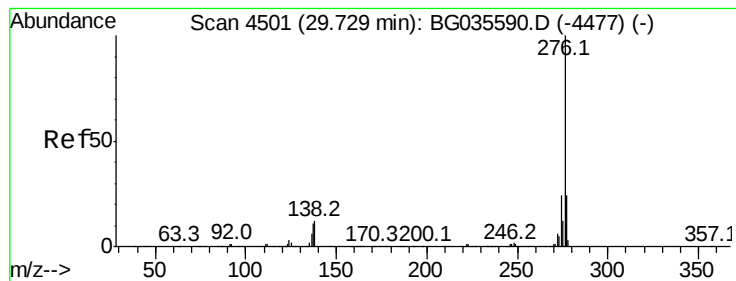
Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Tgt Ion:	278	Resp:	737187
Ion Ratio	Lower	Upper	
278	100		
139	8.6	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: 51.408 ng

RT: 29.63 min Scan# 4485

Delta R.T. -0.00 min

Lab File: BG036067.D

Acq: 2 Aug 2018 19:26

Instrument :

BNA_G

ClientSampleId :

OK-03-073118MSD

Tot Ion:	276	Resp:	732765
Ion Ratio	Lower	Upper	
276	100		
277	22.5	18.3	27.5
138	10.9	13.9	20.9

Manual Integrations
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