

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030618\
 Data File : BG033018.D
 Acq On : 6 Mar 2018 12:28
 Operator : SJ/JU
 Sample : J1398-06MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

Manual Integrations
 APPROVED

Sohil
 3/7/2018 12:10:54 PM

Quant Time: Mar 06 17:46:40 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	54529	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	247616	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	150251	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	341228	20.00	ng	0.00
75) Chrysene-d12	22.61	240	314038	20.00	ng	0.00
86) Perylene-d12	26.40	264	340845	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	466149	136.77	ng	0.00
7) Phenol-d6	8.01	99	607333	127.84	ng	0.00
23) Nitrobenzene-d5	10.11	82	413954	112.40	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	255391	161.66	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	890074	85.44	ng	0.00
78) Terphenyl-d14	20.77	244	1350426	96.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.97	88	54874	37.097	ng	# 90
3) Pyridine	4.43	79	116582	28.595	ng	91
4) n-Nitrosodimethylamine	4.32	42	90372	55.287	ng	# 82
6) Aniline	8.21	93	104984	16.325	ng	96
8) 2-Chlorophenol	8.46	128	180976	48.511	ng	96
9) Benzaldehyde	8.01	77	45672	16.680	ng	96
10) Phenol	8.04	94	213704	44.623	ng	95
11) bis(2-Chloroethyl)ether	8.29	93	168217	42.956	ng	97
12) 1,3-Dichlorobenzene	8.80	146	173998	39.820	ng	97
13) 1,4-Dichlorobenzene	8.95	146	178002	40.470	ng	95
14) 1,2-Dichlorobenzene	9.28	146	172353	40.892	ng	100
15) Benzyl Alcohol	9.15	79	168023	48.109	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.44	45	324893	48.261	ng	99
17) 2-Methylphenol	9.34	107	159276	45.102	ng	95
18) Hexachloroethane	10.04	117	64896	43.335	ng	88
19) n-Nitroso-di-n-propylamine	9.72	70	147460	43.966	ng	# 92
20) 3+4-Methylphenols	9.67	107	222991	45.413	ng	96
22) Acetophenone	9.75	105	272932	43.645	ng	# 99
24) Nitrobenzene	10.16	77	207831	52.015	ng	95
25) Isophorone	10.68	82	410093	47.185	ng	95
26) 2-Nitrophenol	10.88	139	98564	63.393	ng	95
27) 2,4-Dimethylphenol	10.91	122	200889	53.208	ng	91
28) bis(2-Chloroethoxy)methane	11.15	93	240623	47.525	ng	95
29) 2,4-Dichlorophenol	11.42	162	175740	51.286	ng	97
30) 1,2,4-Trichlorobenzene	11.65	180	167155	41.614	ng	97
31) Naphthalene	11.85	128	576186	44.531	ng	99
32) Benzoic acid	11.02	122	100058	44.183	ng	87
33) 4-Chloroaniline	11.94	127	97825	16.909	ng	97
34) Hexachlorobutadiene	12.11	225	89526	39.735	ng	98
35) Caprolactam	12.68	113	61954	45.153	ng	95
36) 4-Chloro-3-methylphenol	12.99	107	221364	55.512	ng	93
37) 2-Methylnaphthalene	13.40	142	427049	45.620	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	179909	40.336	ng	# 96
40) Hexachlorocyclopentadiene	13.73	237	204173	89.821	ng	92

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Manual Integrations
 APPROVED

Sohil
 3/7/2018 12:10:54 PM

Quant Time: Mar 06 17:46:40 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	141015	50.133	nq	99
43) 2,4,5-Trichlorophenol	14.04	196	157385	48.345	nq	# 95
45) 1,1'-Biphenyl	14.37	154	544350	41.460	nq	95
46) 2-Chloronaphthalene	14.43	162	410841	41.889	nq	96
47) 2-Nitroaniline	14.61	65	161946	61.893	nq	95
48) Acenaphthylene	15.26	152	689700	42.952	nq	98
49) Dimethylphthalate	14.96	163	568240	44.541	nq	99
50) 2,6-Dinitrotoluene	15.08	165	129051	58.684	nq	93
51) Acenaphthene	15.60	154	460920	46.091	nq	97
52) 3-Nitroaniline	15.41	138	92439	37.368	nq	# 85
53) 2,4-Dinitrophenol	15.61	184	79068	105.614	nq	# 27
54) Dibenzofuran	15.92	168	651829	45.777	nq	93
55) 4-Nitrophenol	15.68	139	194721	92.037	nq	85
56) 2,4-Dinitrotoluene	15.85	165	182624	66.657	nq	# 89
57) Fluorene	16.56	166	531993	45.266	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	138149m	54.657	nq	
59) Diethylphthalate	16.29	149	619897	46.068	nq	98
60) 4-Chlorophenyl-phenylether	16.54	204	264934	46.081	nq	90
61) 4-Nitroaniline	16.56	138	135417	48.917	nq	87
62) Azobenzene	16.83	77	567604	47.151	nq	95
64) 4,6-Dinitro-2-methylphenol	16.61	198	72142	63.996	nq	91
65) n-Nitrosodiphenylamine	16.75	169	497374	44.806	nq	100
66) 4-Bromophenyl-phenylether	17.43	248	159096	44.094	nq	# 87
67) Hexachlorobenzene	17.56	284	167407	42.934	nq	# 92
68) Atrazine	17.66	200	165832	45.385	nq	96
69) Pentachlorophenol	17.89	266	207552	84.508	nq	98
70) Phenanthrene	18.30	178	860922	45.223	nq	98
71) Anthracene	18.39	178	881034	46.098	nq	98
72) Carbazole	18.64	167	823384	43.708	nq	97
73) Di-n-butylphthalate	19.14	149	1036402	44.845	nq	99
74) Fluoranthene	20.25	202	960275	45.664	nq	93
76) Benzidine	20.40	184	51027	4.767	nq	98
77) Pyrene	20.61	202	967858	43.703	nq	98
79) Butylbenzylphthalate	21.46	149	494755	50.388	nq	94
80) Benzo(a)anthracene	22.59	228	933532	46.357	nq	99
81) 3,3'-Dichlorobenzidine	22.47	252	196930	26.404	nq	# 97
82) Chrysene	22.67	228	869593	45.205	nq	98
83) Bis(2-ethylhexyl)phthalate	22.42	149	700798	48.217	nq	# 96
84) Di-n-octyl phthalate	23.83	149	1196546	54.011	nq	99
85) Indeno(1,2,3-cd)pyrene	30.83	276	1008044	44.933	nq	# 94
87) Benzo(b)fluoranthene	25.19	252	940157	46.651	nq	# 97
88) Benzo(k)fluoranthene	25.27	252	914734	45.671	nq	# 96
89) Benzo(a)pyrene	26.23	252	904142	47.168	nq	# 96
90) Dibenzo(a,h)anthracene	30.91	278	817910	42.391	nq	# 94
91) Benzo(g,h,i)perylene	32.22	276	839833	44.156	nq	# 93

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

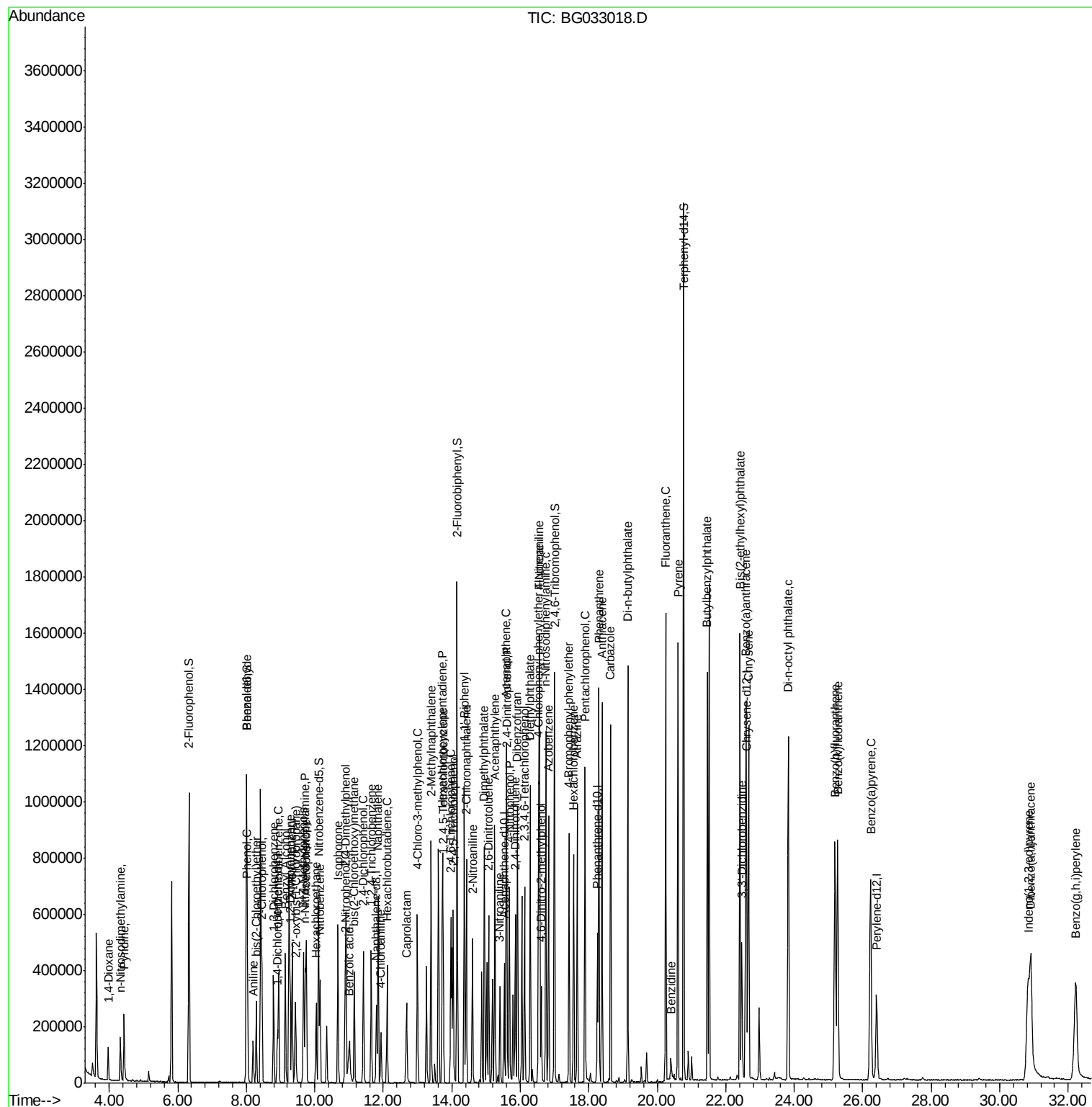
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030618\
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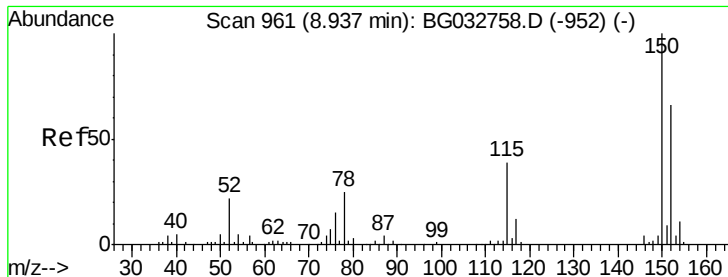
Instrument :
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 ClientSampleId :
 OK-01-022218MS

Manual Integrations
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#1

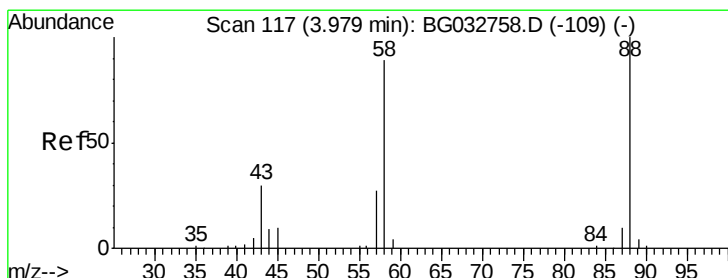
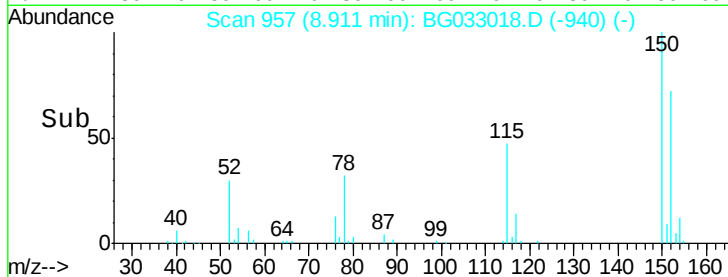
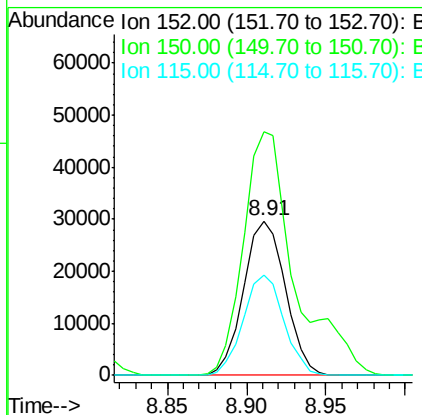
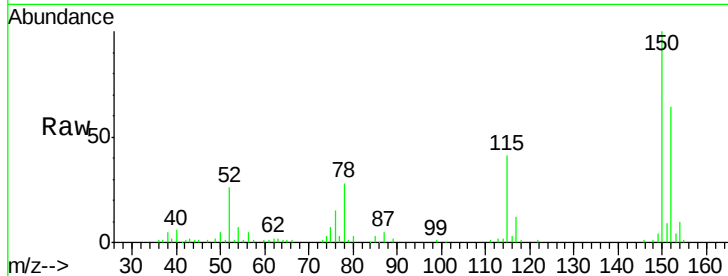
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.6	189.8
115	64.6	53.0	79.4

Manual Integrations
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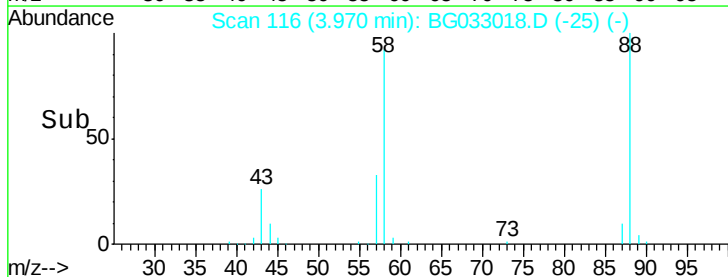
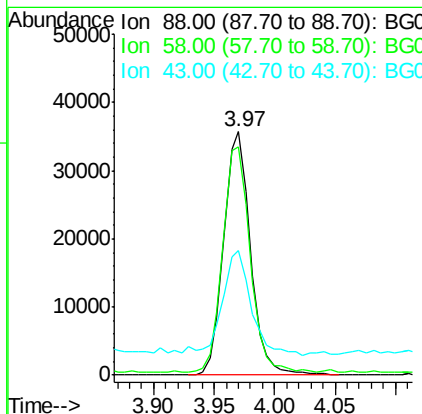
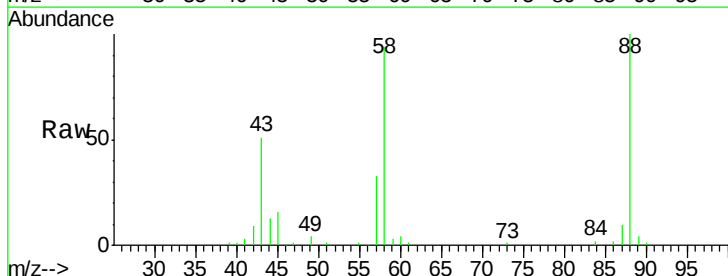
Sohil
3/7/2018 12:10:54 PM

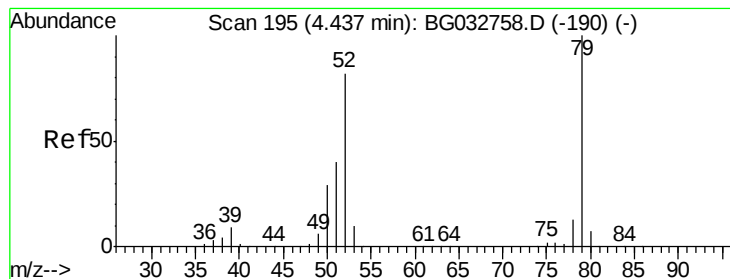


#2

1,4-Dioxane
Concen: 37.097 ng
RT: 3.97 min Scan# 116
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.2	79.6	119.4
43	47.5	27.4	41.0





#3

Pvridine

Concen: 28.595 ng

RT: 4.43 min Scan# 195

Delta R.T. 0.01 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

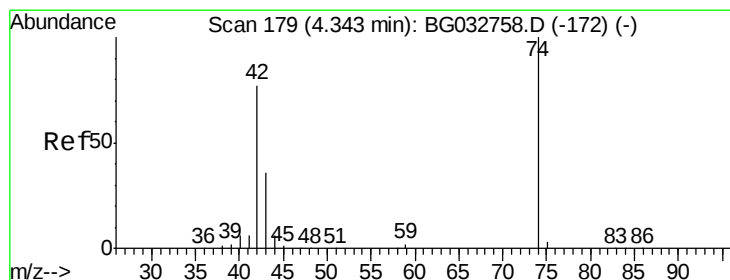
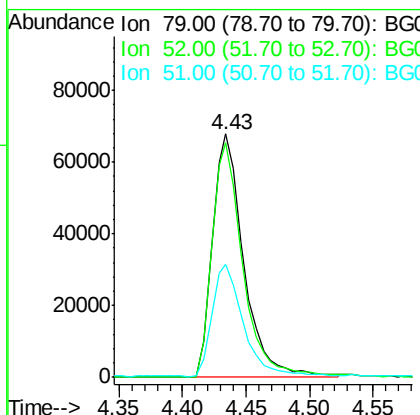
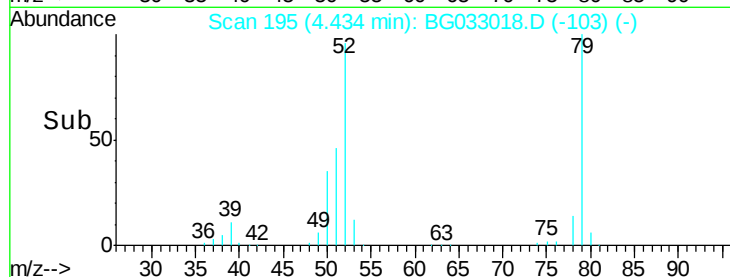
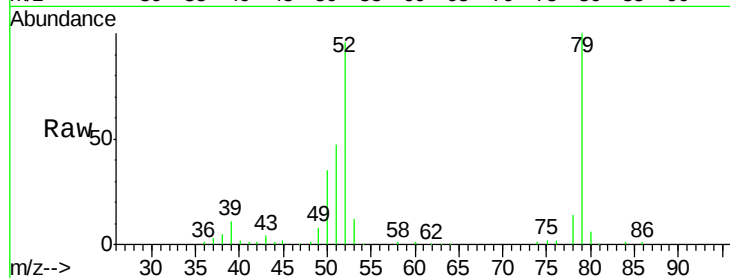
ClientSampleId :

OK-01-022218MS

Tot Ion:	79	Resp:	116582
Ion Ratio	Lower	Upper	
79	100		
52	96.2	69.9	104.9
51	46.6	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 55.287 ng

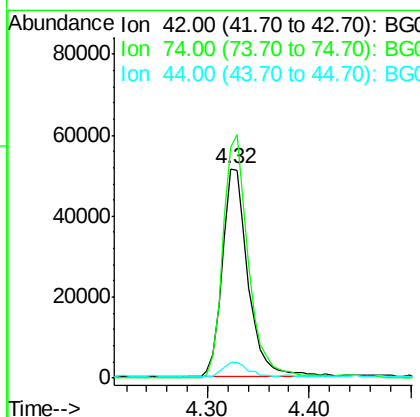
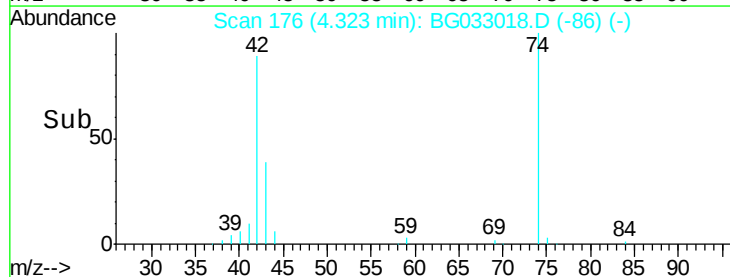
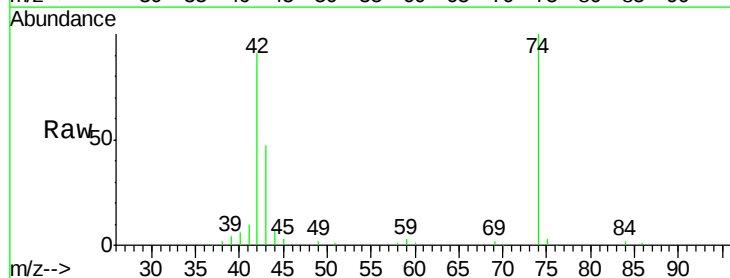
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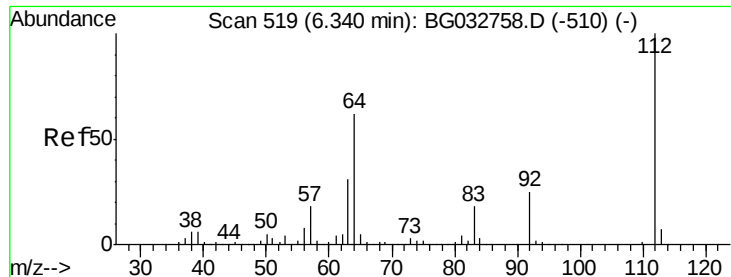
Delta R.T. -0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Tgt Ion:	42	Resp:	90372
Ion Ratio	Lower	Upper	
42	100		
74	110.5	102.5	153.7
44	7.4	18.9	28.3#





#5

2-Fluorophenol

Concen: 136.766 ng

RT: 6.33 min Scan# 517

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

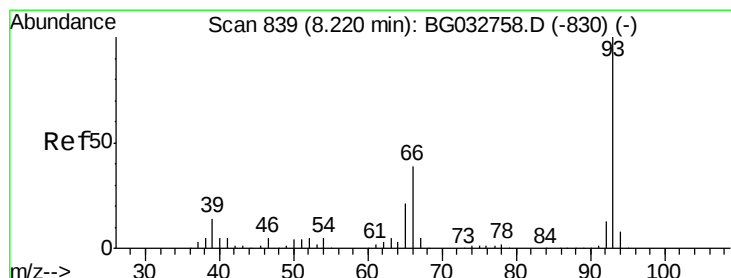
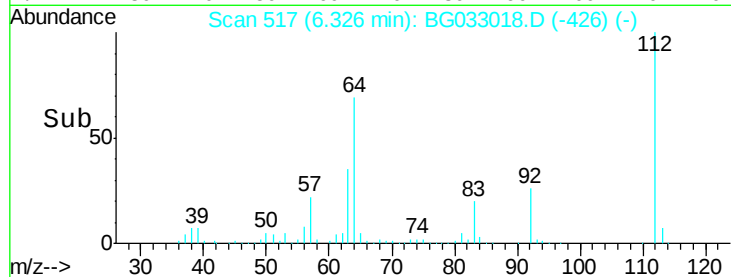
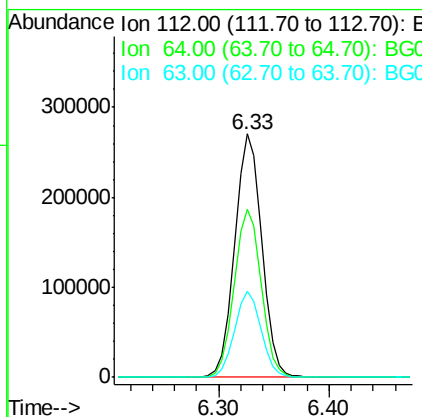
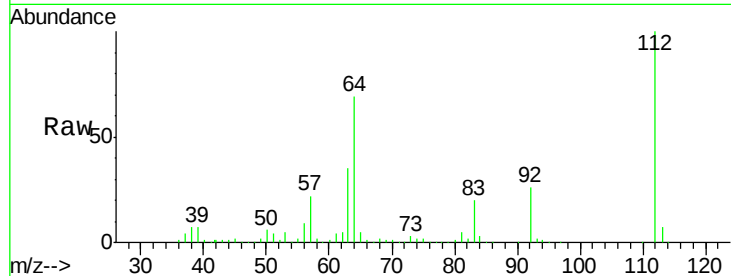
ClientSampleId :

OK-01-022218MS

Tot Ion:	112	Resp:	466149
Ion Ratio	Lower	Upper	
112	100		
64	69.1	56.3	84.5
63	35.4	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 16.325 ng

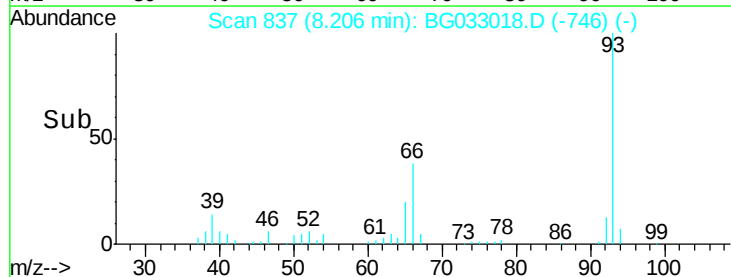
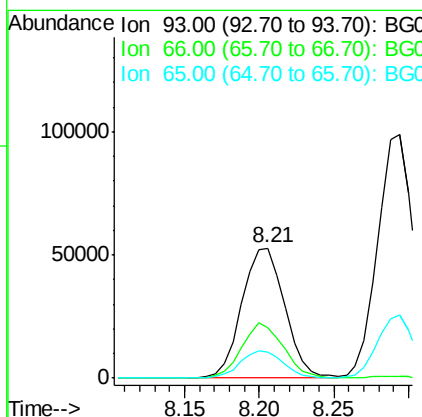
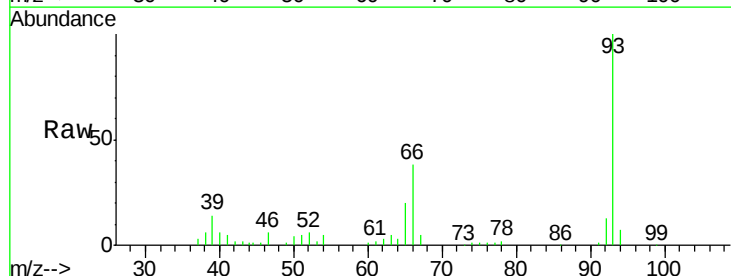
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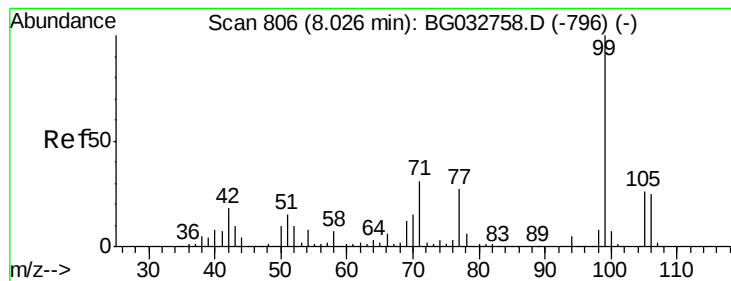
Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Tgt Ion:	93	Resp:	104984
Ion Ratio	Lower	Upper	
93	100		
66	38.5	33.7	50.5
65	19.9	16.1	24.1





#7

Phenol-d6

Concen: 127.838 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

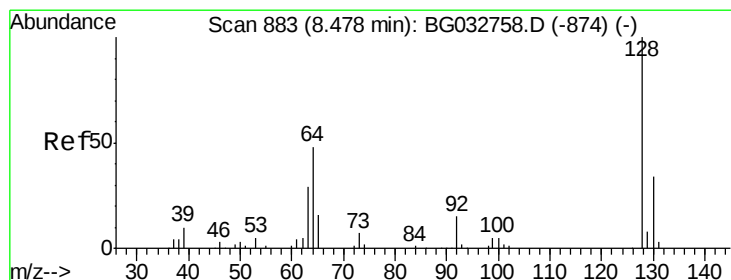
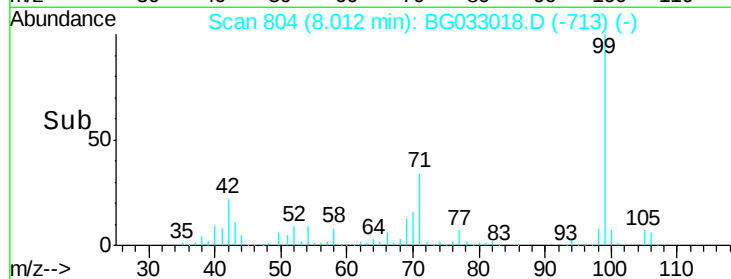
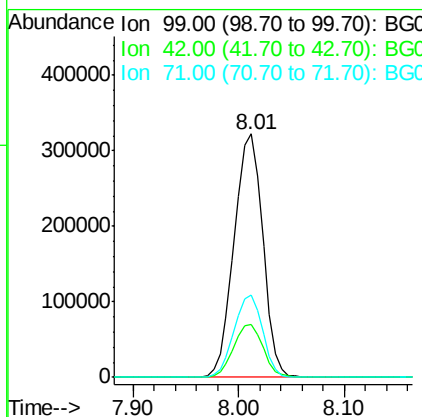
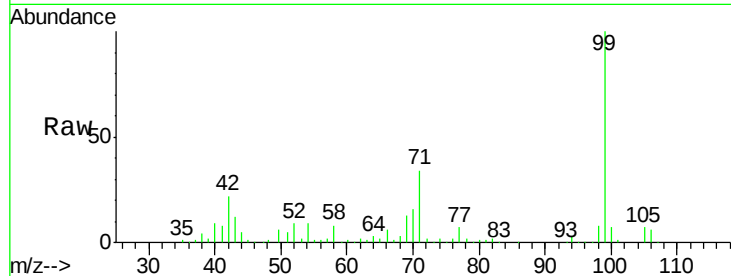
ClientSampleId :

OK-01-022218MS

Tot Ion:	99	Resp:	607333
Ion Ratio	Lower	Upper	
99	100		
42	21.6	14.1	21.1#
71	33.6	26.1	39.1

Manual Integrations
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#8

2-Chlorophenol

Concen: 48.511 ng

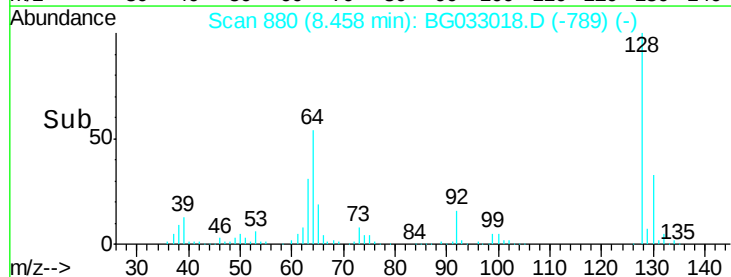
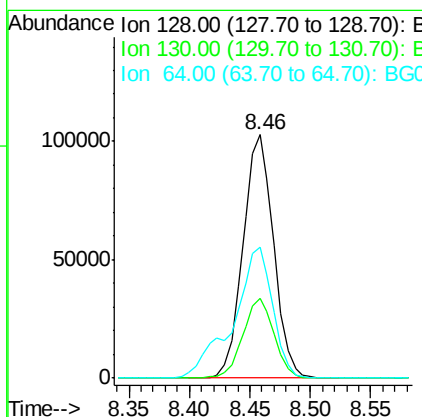
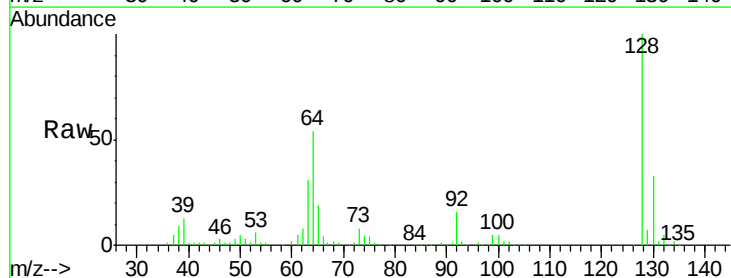
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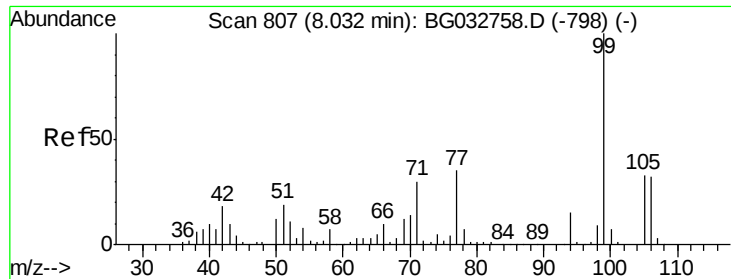
Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Tgt Ion:	128	Resp:	180976
Ion Ratio	Lower	Upper	
128	100		
130	32.7	14.0	54.0
64	53.5	37.7	77.7





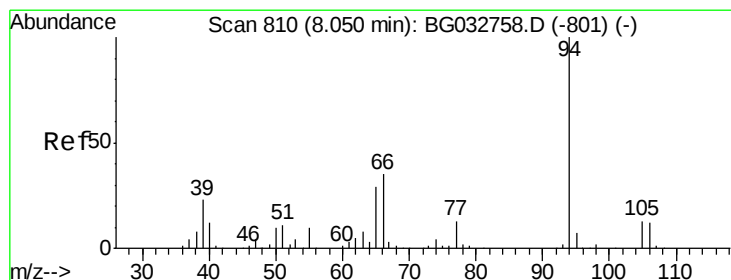
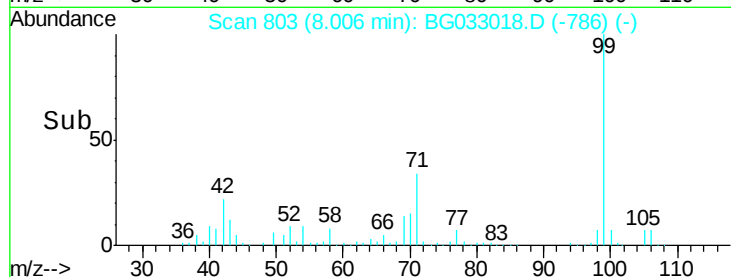
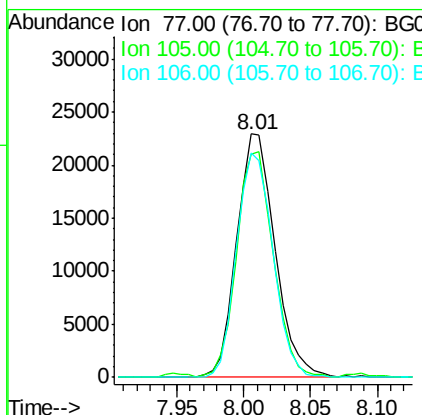
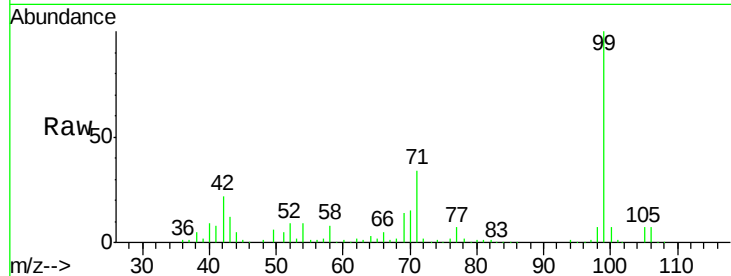
#9
Benzaldehyde
Concen: 16.680 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
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ClientSampleId :
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Tot Ion: 77 Resp: 45672
Ion Ratio Lower Upper
77 100
105 91.6 71.3 111.3
106 92.4 64.2 104.2

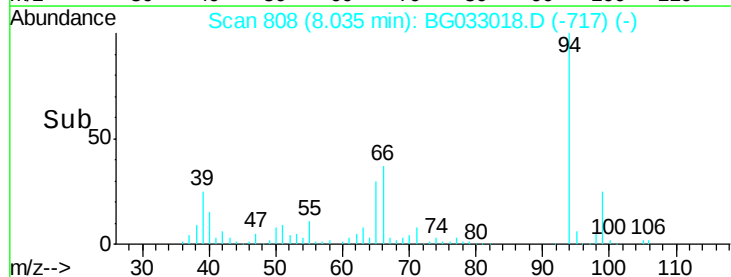
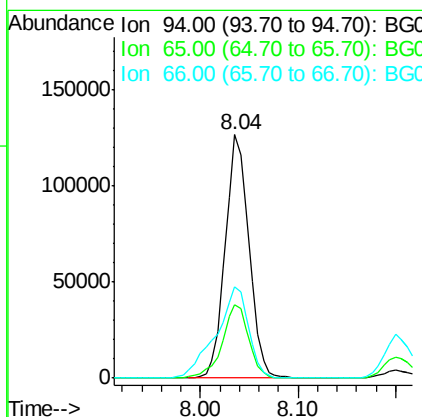
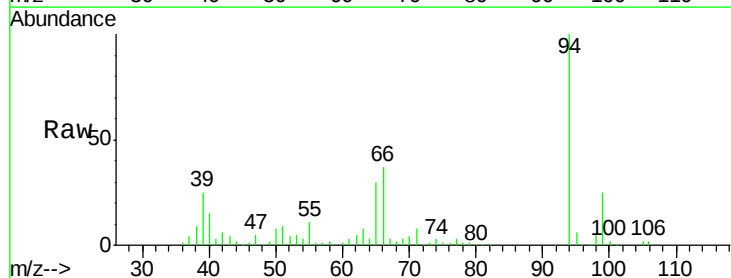
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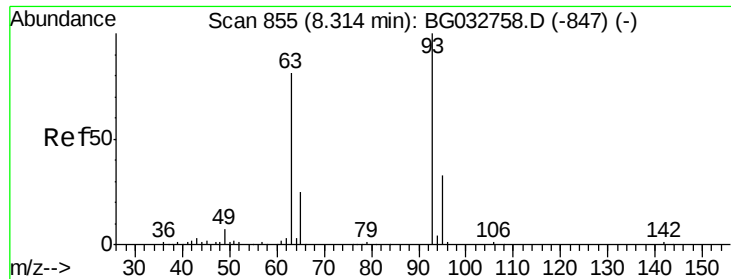
Sohil
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#10
Phenol
Concen: 44.623 ng
RT: 8.04 min Scan# 808
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion: 94 Resp: 213704
Ion Ratio Lower Upper
94 100
65 30.3 11.9 51.9
66 37.5 22.2 62.2





#11

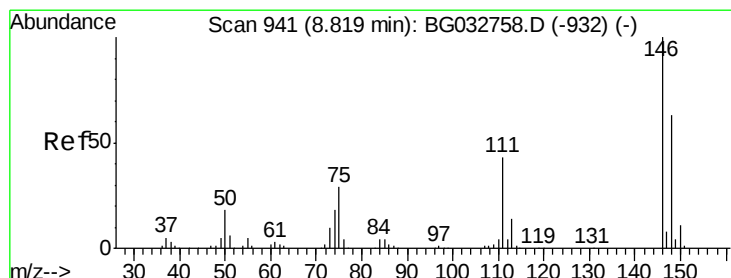
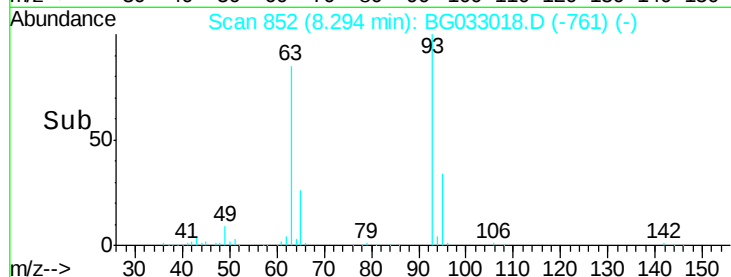
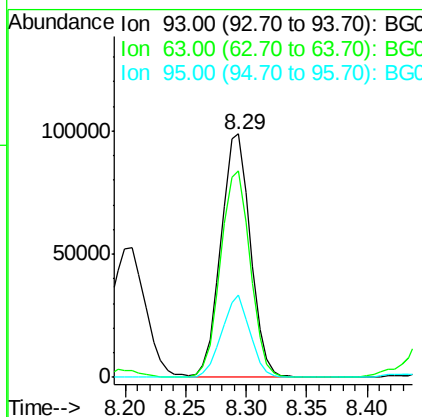
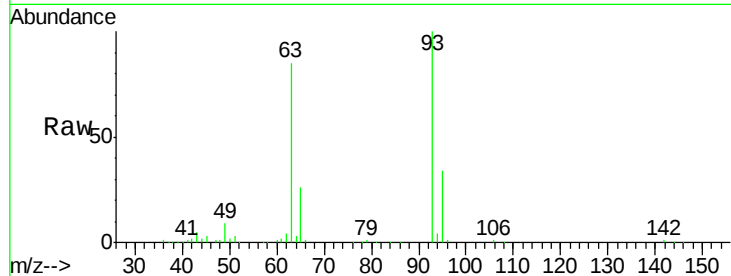
bis(2-Chloroethyl)ether
 Concen: 42.956 ng
 RT: 8.29 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.0	67.1	107.1
95	34.0	11.5	51.5

Manual Integrations
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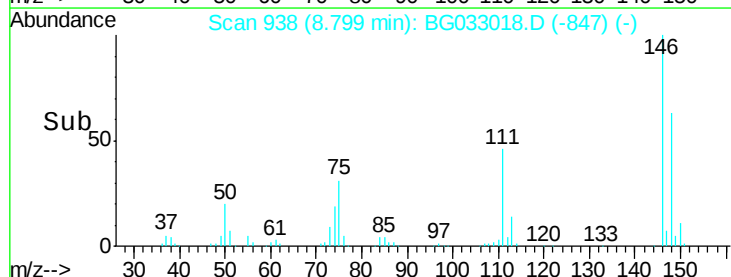
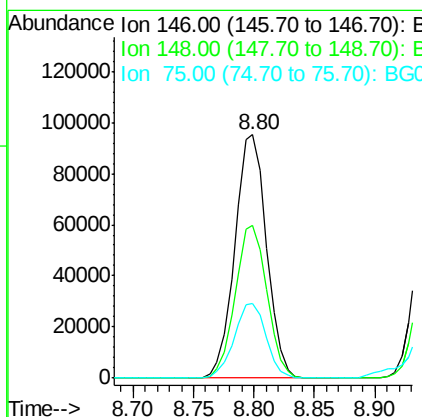
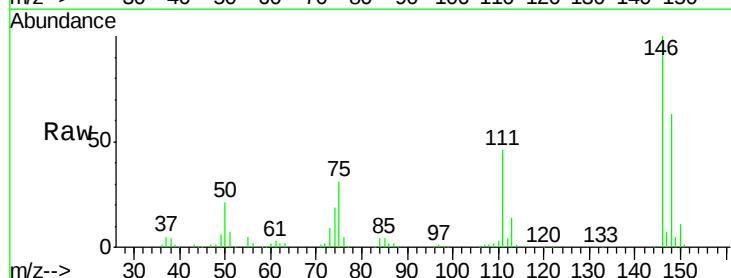
Sohil
 3/7/2018 12:10:54 PM

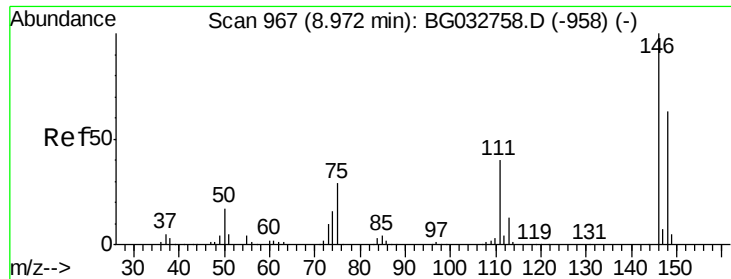


#12

1,3-Dichlorobenzene
 Concen: 39.820 ng
 RT: 8.80 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.4	77.2
75	30.8	26.6	39.8





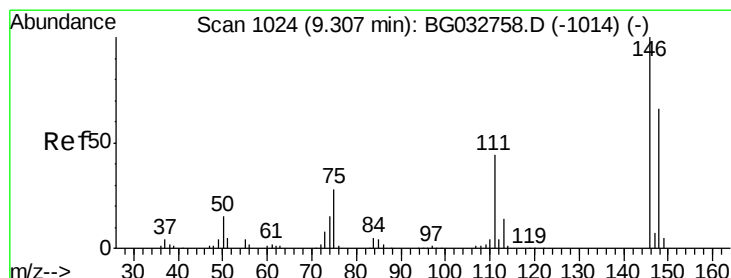
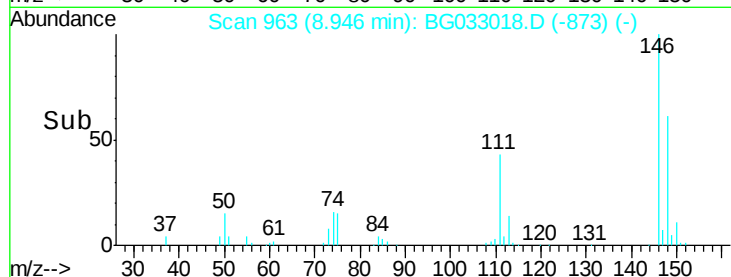
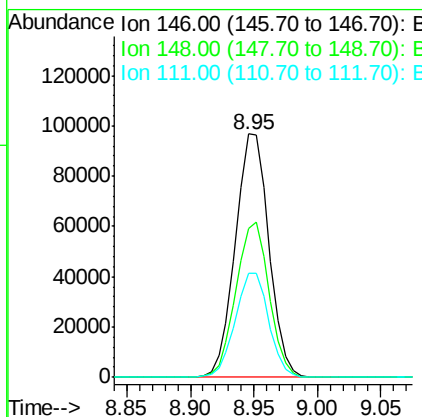
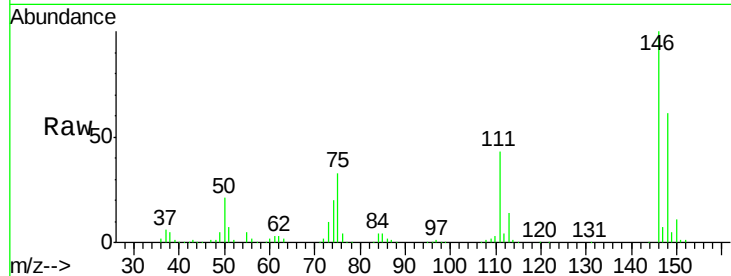
#13
 1,4-Dichlorobenzene
 Concen: 40.470 ng
 RT: 8.95 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.2	53.7	80.5
111	43.0	35.2	52.8

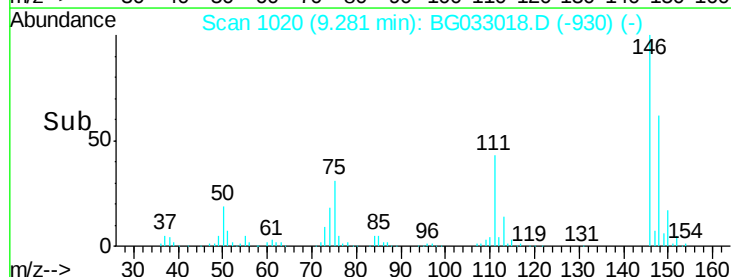
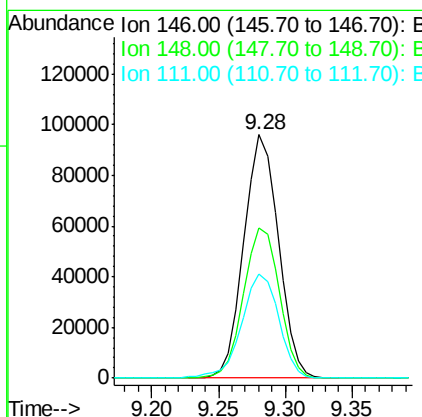
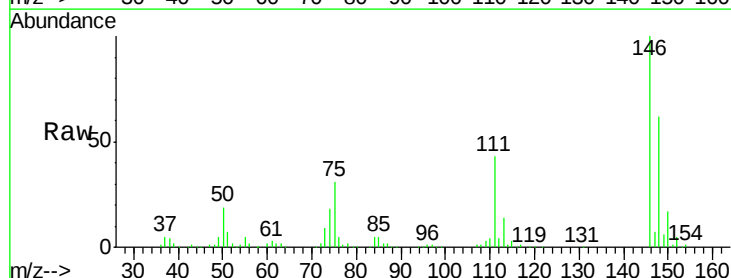
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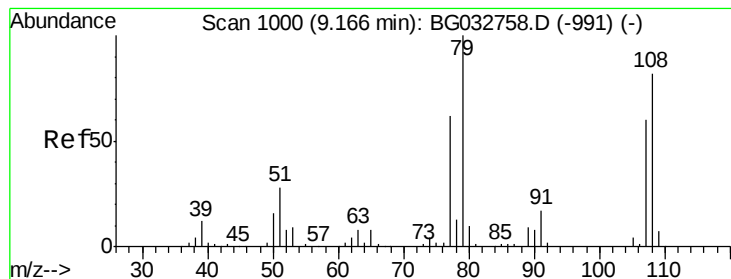
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 40.892 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	49.3	73.9
111	42.9	34.3	51.5





#15

Benzyl Alcohol

Concen: 48.109 ng

RT: 9.15 min Scan# 997

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

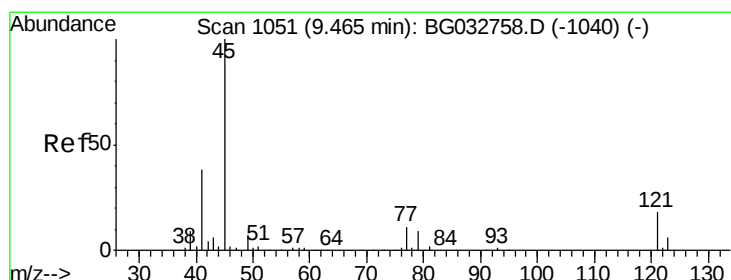
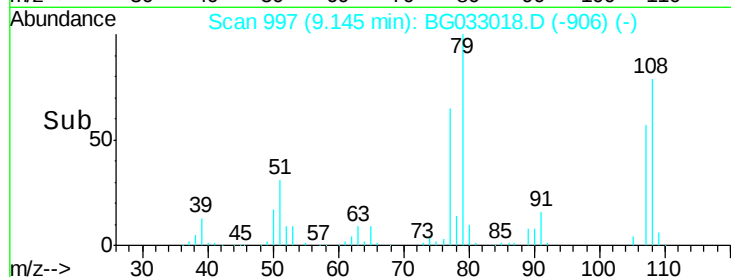
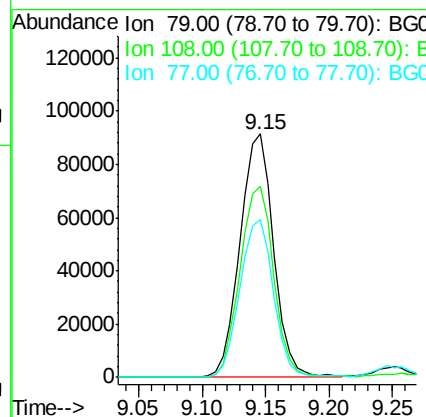
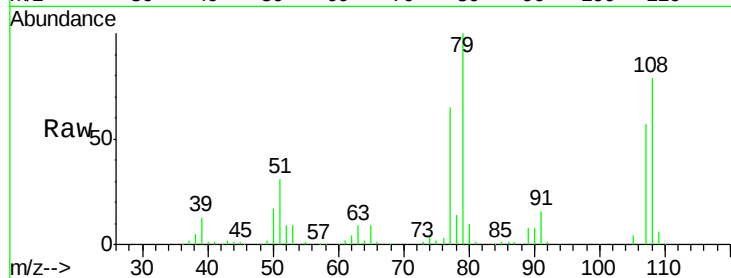
ClientSampleId :

OK-01-022218MS

Tot Ion:	79	Resp:	168023
Ion Ratio	Lower	Upper	
79	100		
108	78.5	57.2	85.8
77	64.6	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.261 ng

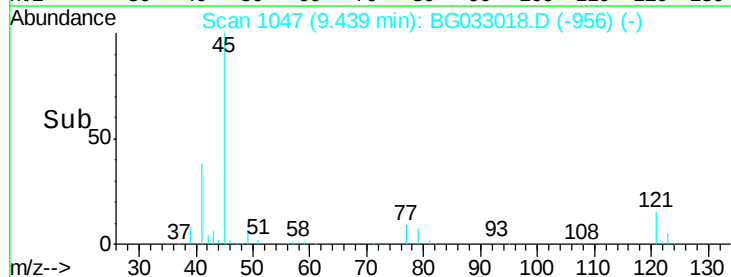
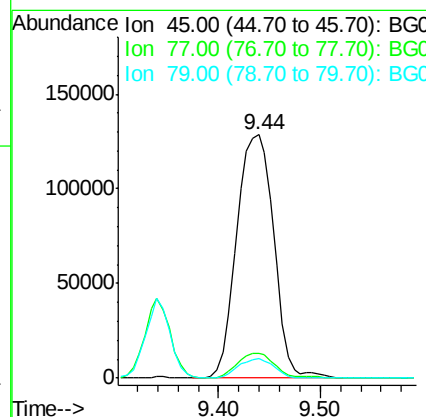
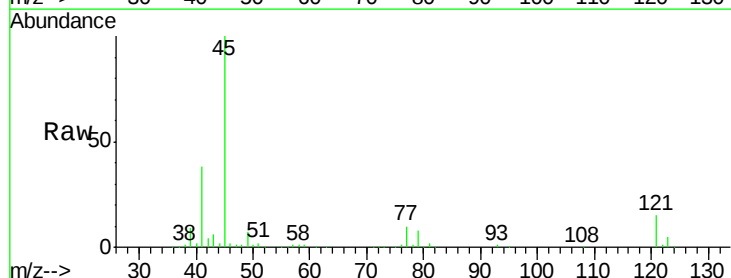
RT: 9.44 min Scan# 1047

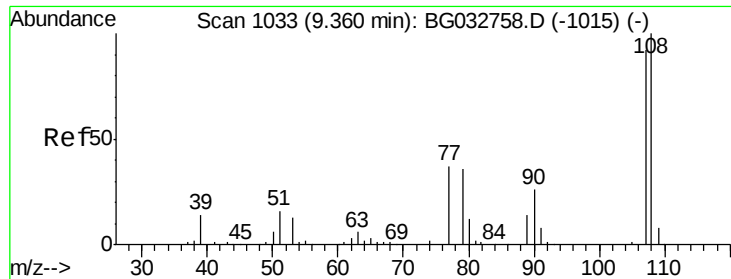
Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Tgt Ion:	45	Resp:	324893
Ion Ratio	Lower	Upper	
45	100		
77	9.9	0.0	30.2
79	7.8	0.0	27.9





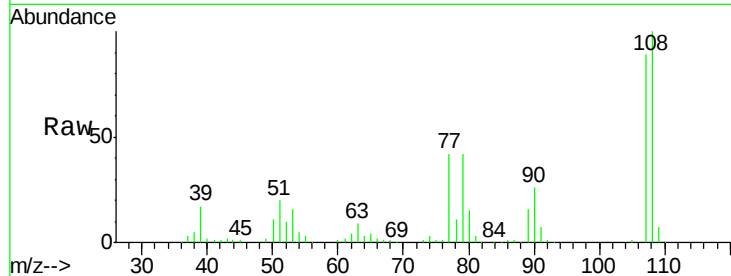
#17
2-Methylphenol
Concen: 45.102 ng
RT: 9.34 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	83.9	125.9	
77	47.0	37.2	55.8	
79	47.5	36.2	54.2	

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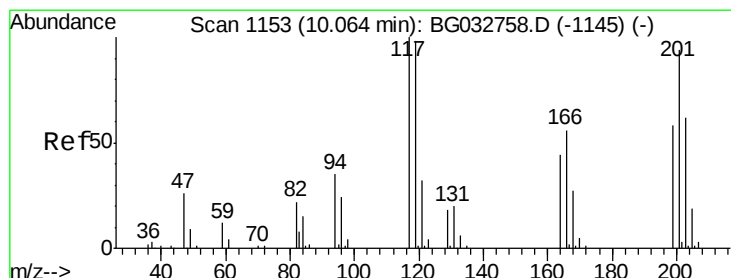
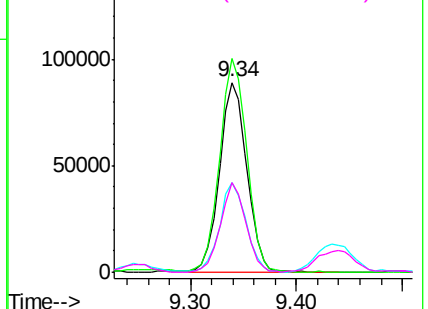
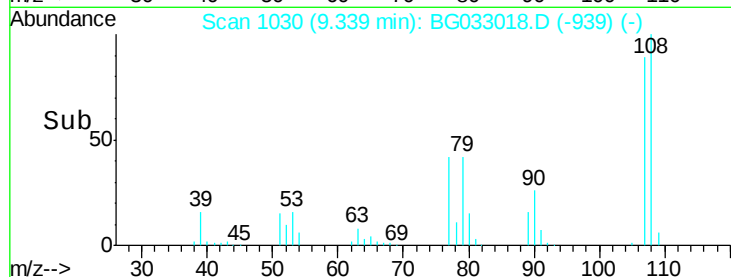
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

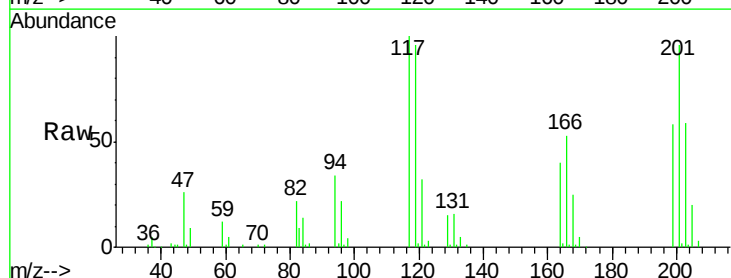
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 43.335 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	76.7	115.1	
201	95.8	95.7	143.5	

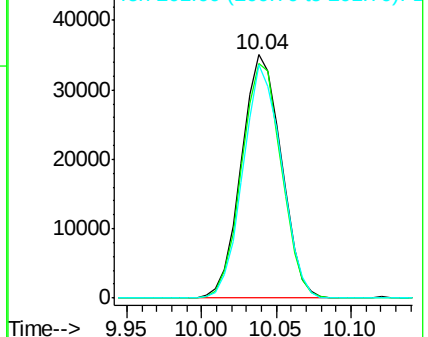
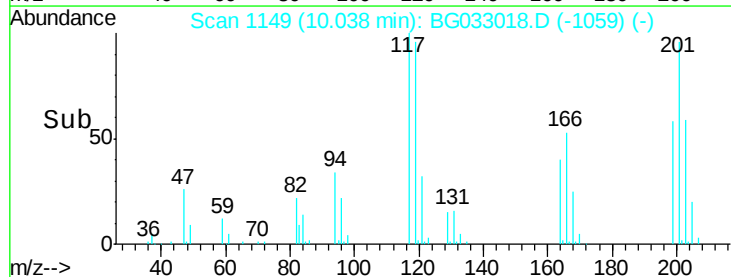


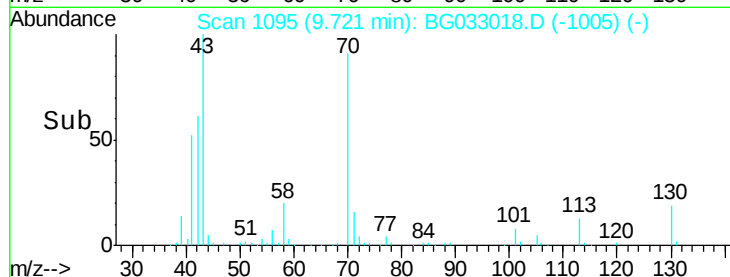
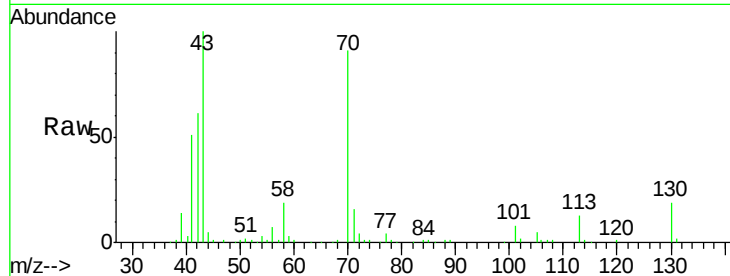
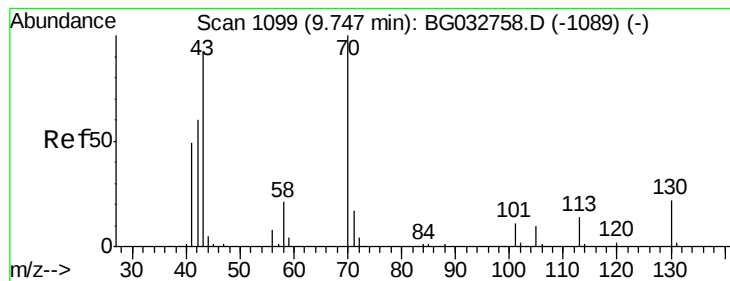
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.966 ng

RT: 9.72 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

Tot Ion: 70 Resp: 147460

Ion Ratio Lower Upper

70 100

42 67.1 49.1 73.7

101 8.9 8.5 12.7

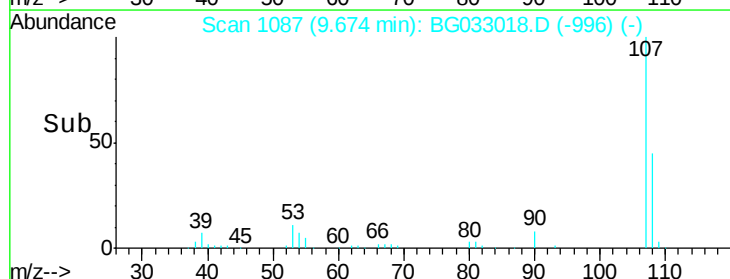
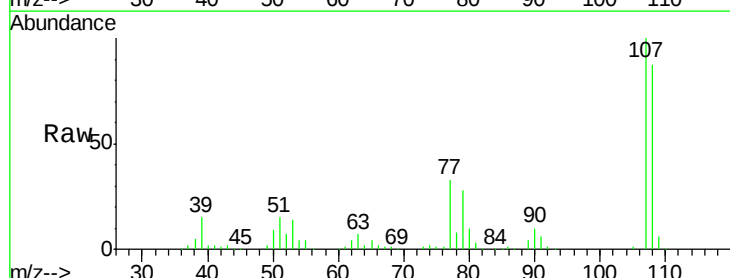
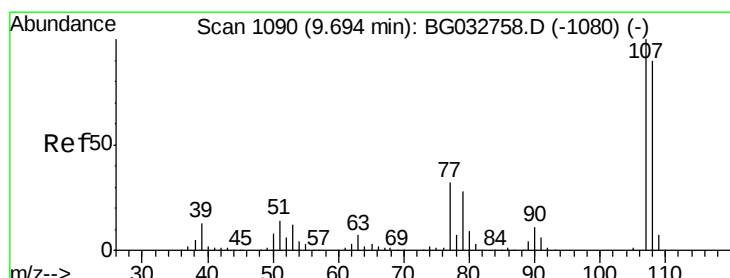
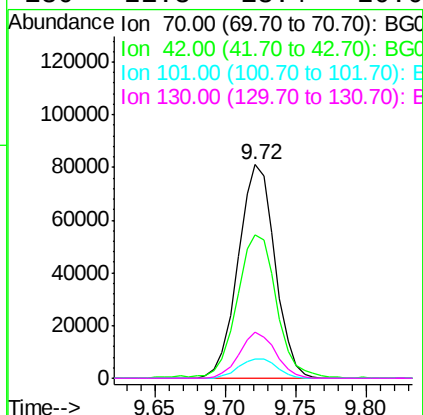
130 21.3 13.4 20.0#

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#20

3+4-Methylphenols

Concen: 45.413 ng

RT: 9.67 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Tgt Ion: 107 Resp: 222991

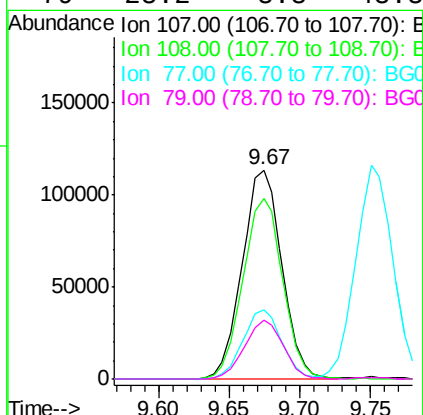
Ion Ratio Lower Upper

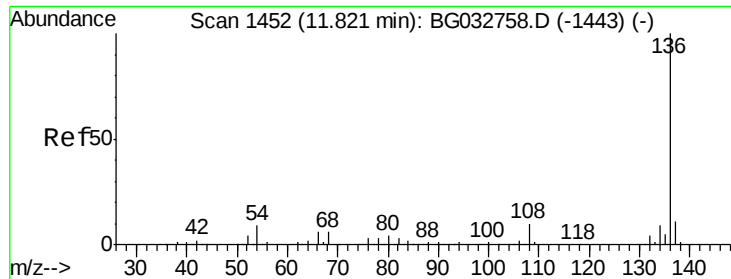
107 100

108 86.6 61.6 101.6

77 33.2 13.9 53.9

79 28.2 8.8 48.8





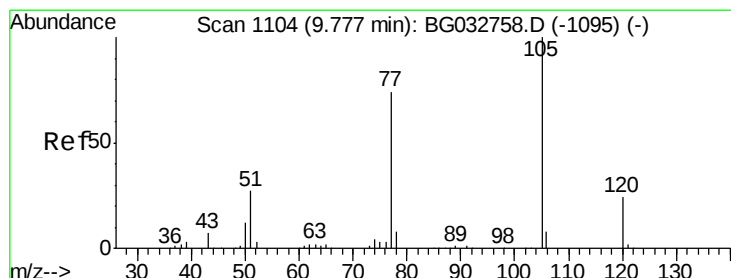
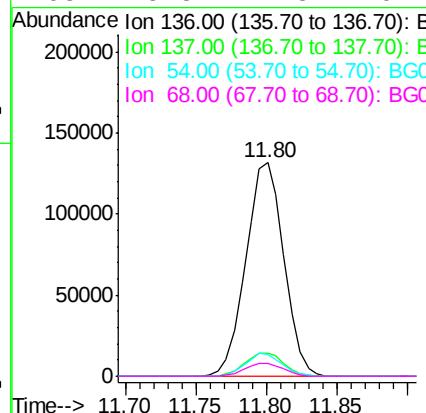
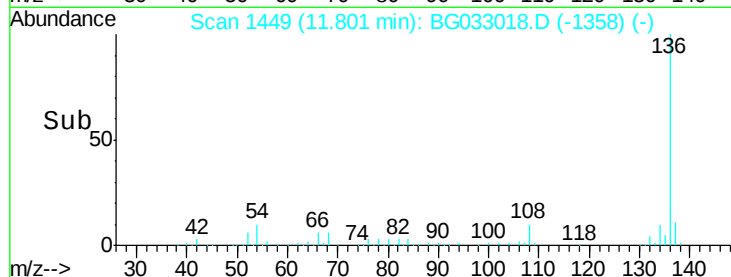
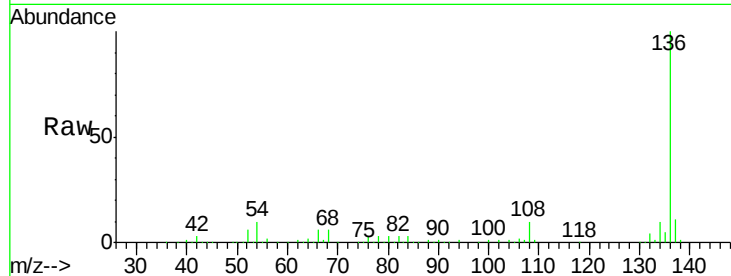
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	247616		
137	10.8	9.2	13.8	
54	10.0	10.3	15.5	
68	5.8	4.5	6.7	

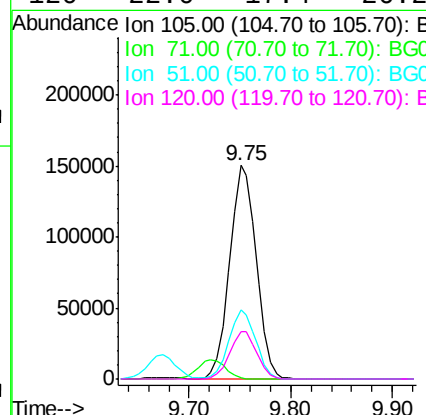
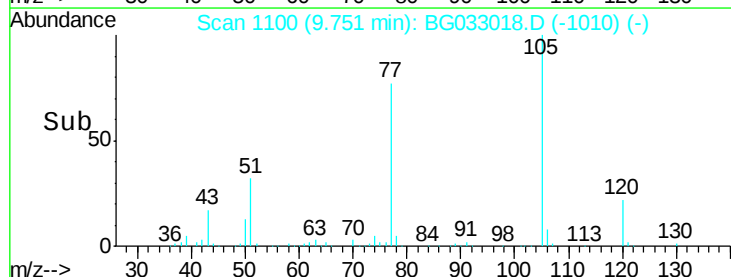
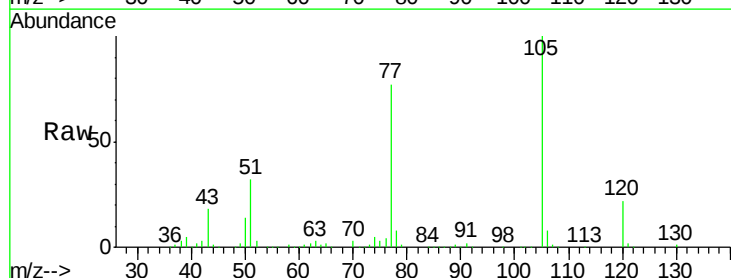
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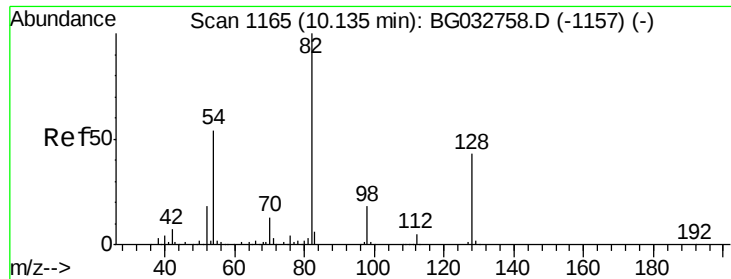
Sohil
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#22
Acetophenone
Concen: 43.645 ng
RT: 9.75 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	272932		
71	0.5	3.0	4.4	
51	32.5	26.1	39.1	
120	22.0	17.4	26.2	





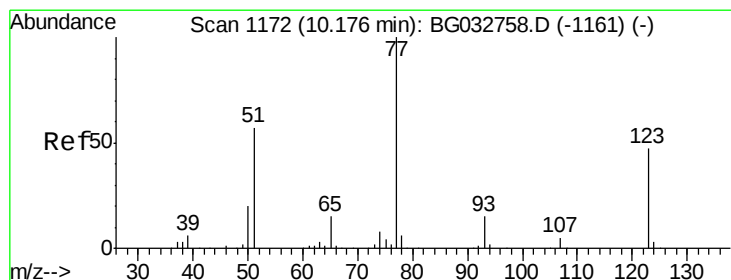
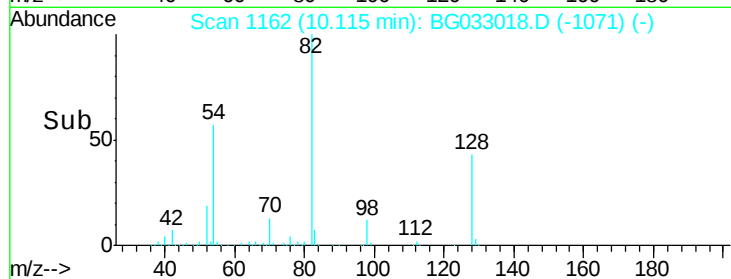
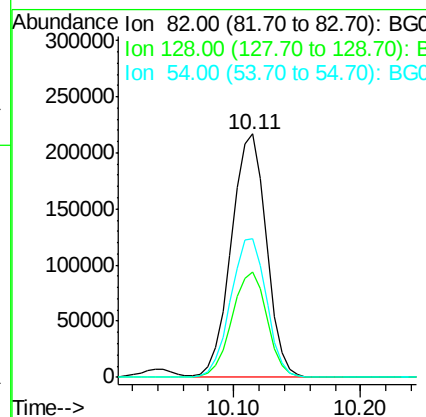
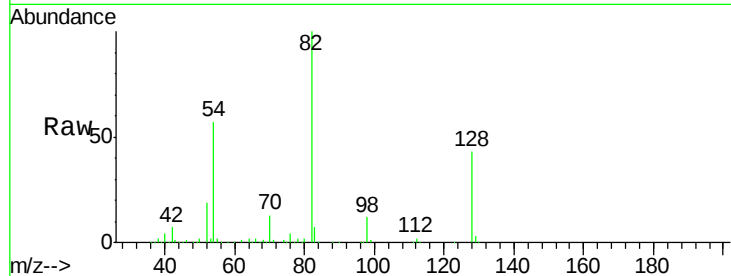
#23
 Nitrobenzene-d5
 Concen: 112.395 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Instrument :
 BNA_G
 ClientSampled :
 OK-01-022218MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.2	29.7	44.5	
54	57.1	43.1	64.7	

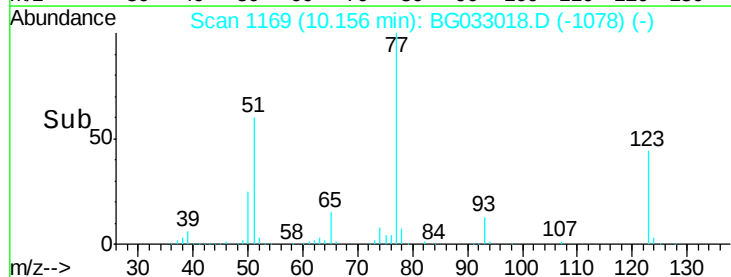
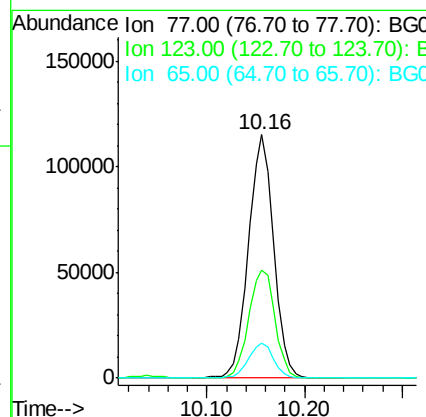
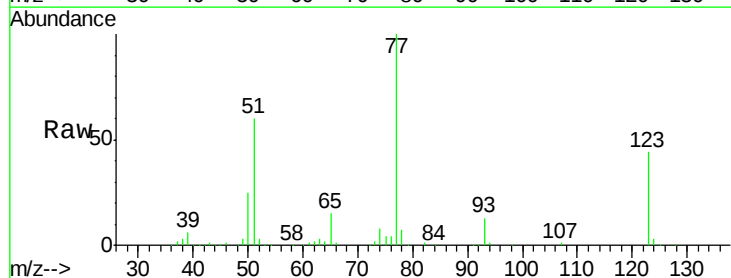
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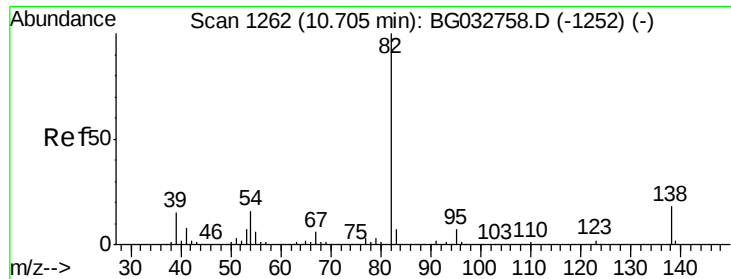
Sohil
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#24
 Nitrobenzene
 Concen: 52.015 ng
 RT: 10.16 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.4	33.0	49.6	
65	14.6	13.0	19.6	





#25

Isophorone

Concen: 47.185 ng

RT: 10.68 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

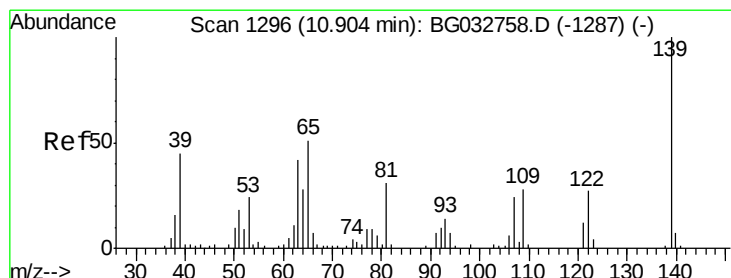
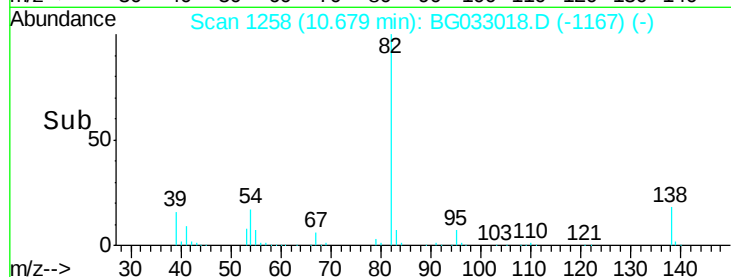
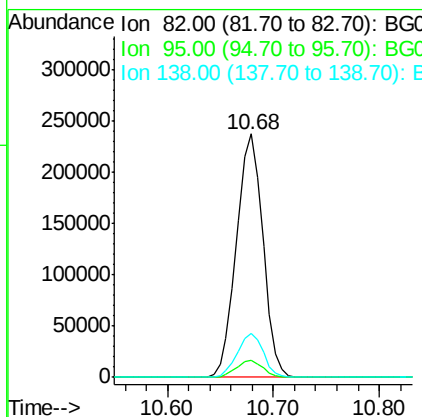
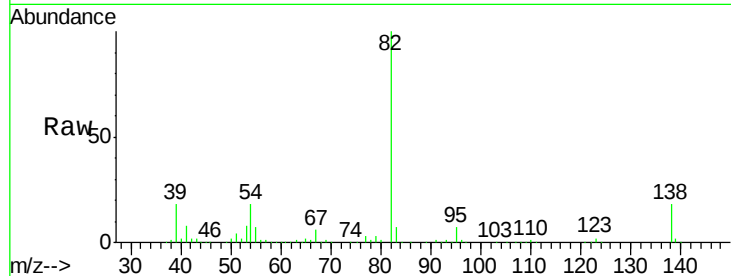
ClientSampleId :

OK-01-022218MS

Tot Ion:	82	Resp:	410093
Ion Ratio		Lower	Upper
82	100		
95	6.9	6.2	9.2
138	18.0	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 63.393 ng

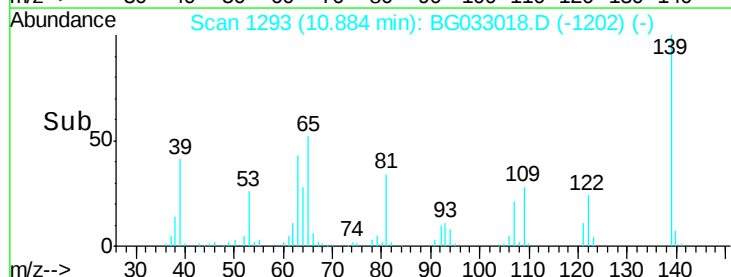
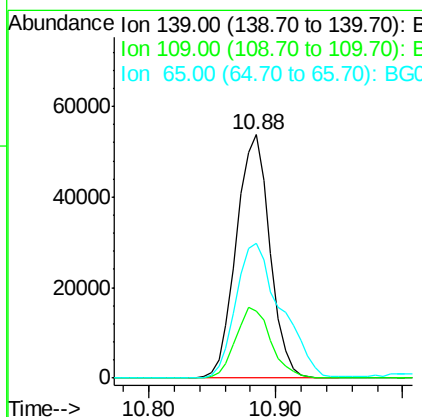
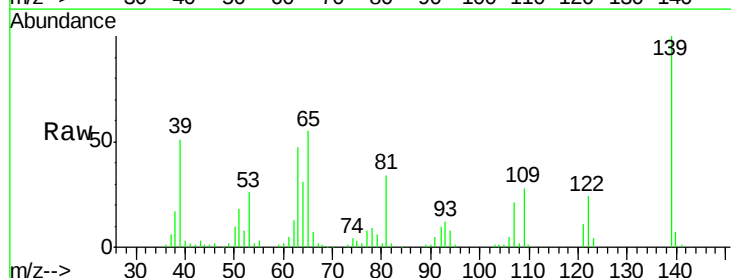
RT: 10.88 min Scan# 1293

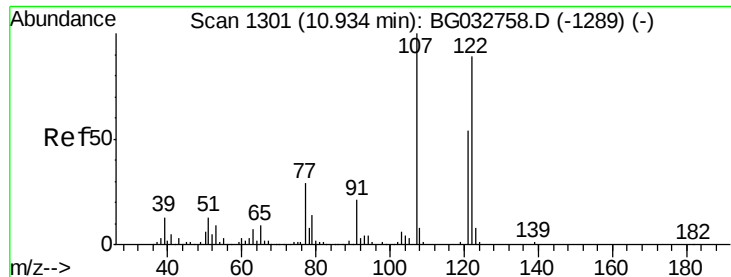
Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Tgt Ion:	139	Resp:	98564
Ion Ratio		Lower	Upper
139	100		
109	27.8	24.2	36.2
65	55.2	47.4	71.0





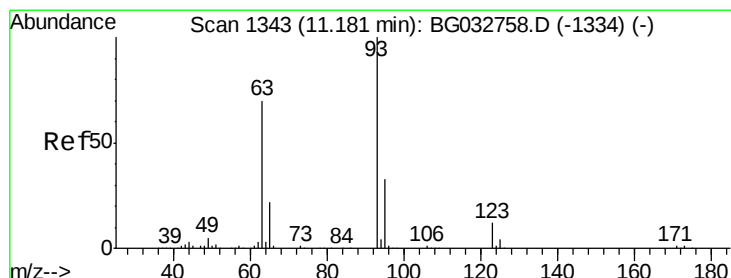
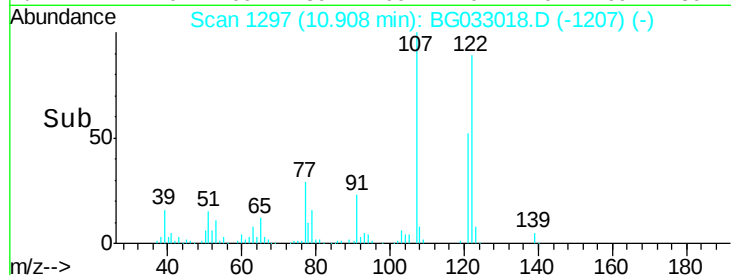
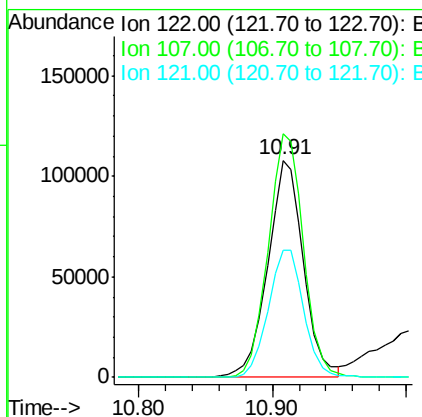
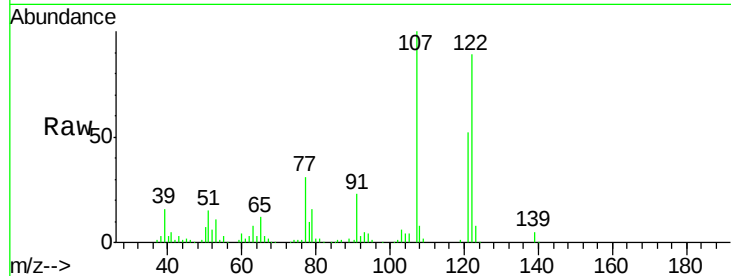
#27
2,4-Dimethylphenol
Concen: 53.208 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.2	100.2	150.2
121	58.8	44.4	66.6

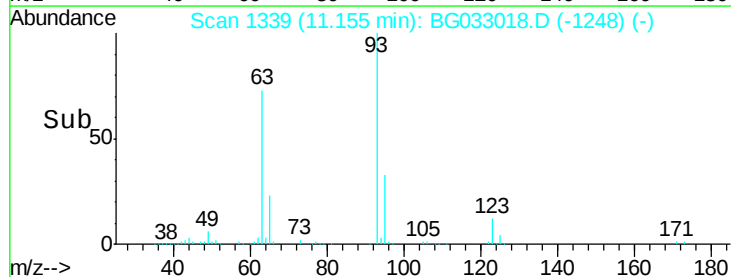
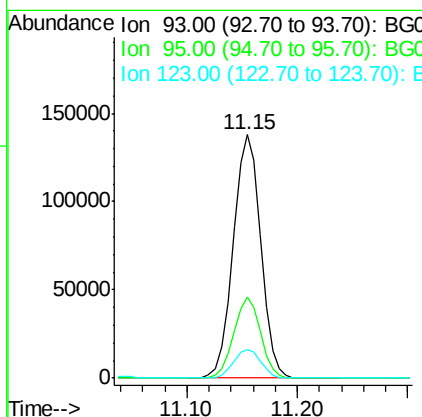
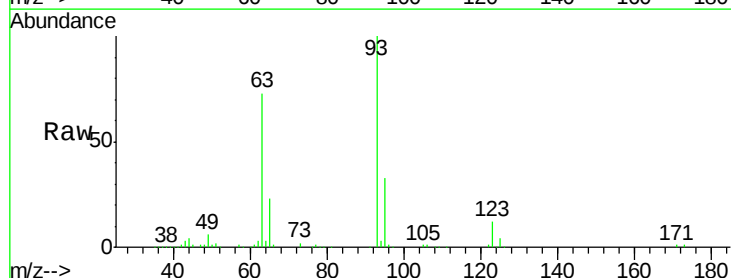
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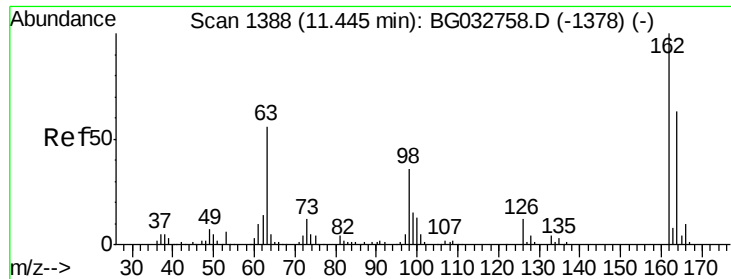
Sohil
3/7/2018 12:10:54 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.525 ng
RT: 11.15 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	24.3	36.5
123	11.8	8.4	12.6





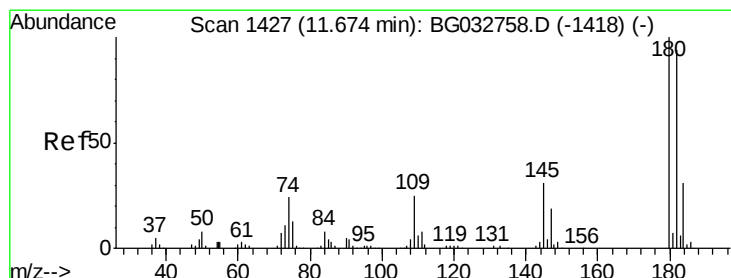
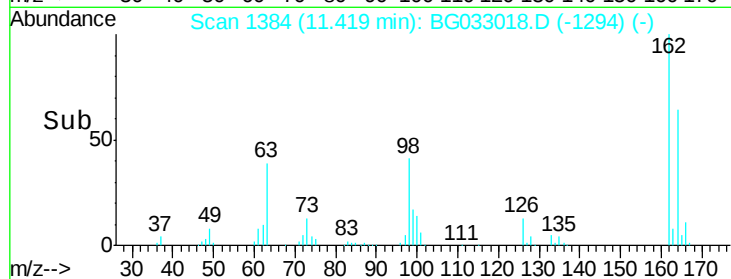
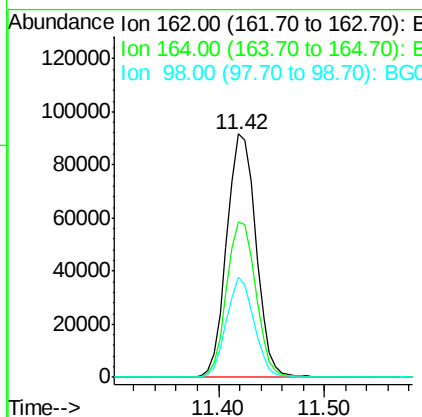
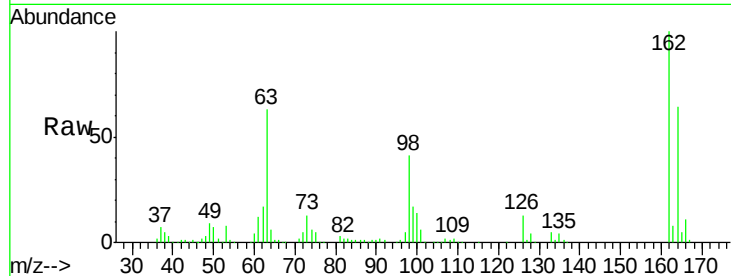
#29
 2,4-Dichlorophenol
 Concen: 51.286 ng
 RT: 11.42 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	48.0	88.0
98	41.1	21.1	61.1

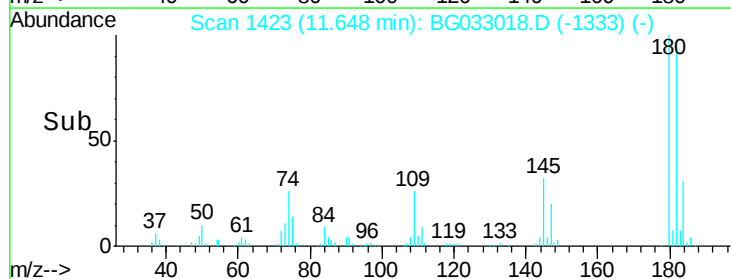
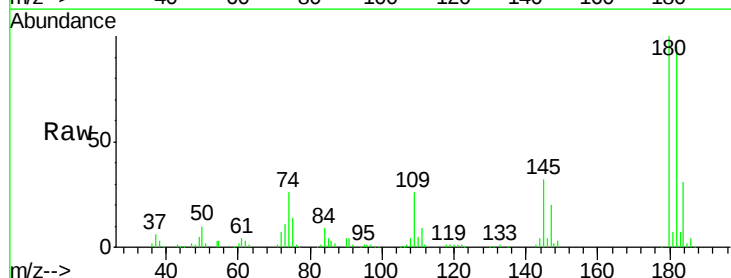
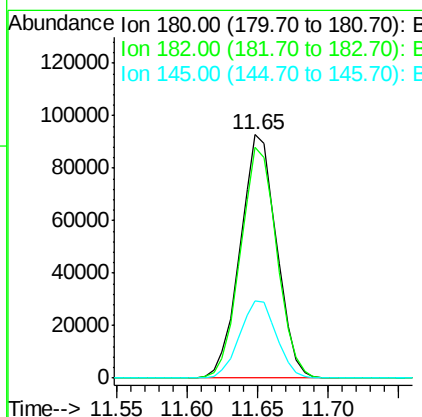
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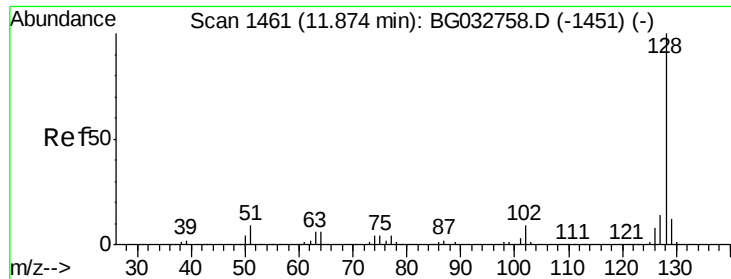
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 3/7/2018 12:10:54 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.614 ng
 RT: 11.65 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.5	116.3
145	31.8	23.4	35.2





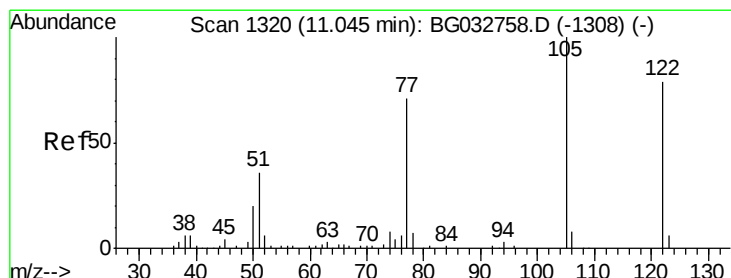
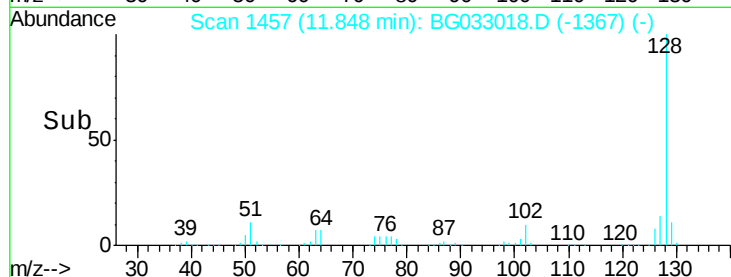
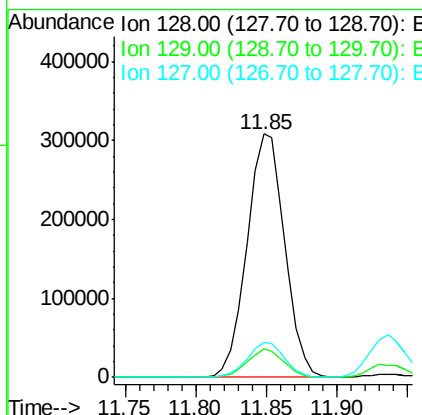
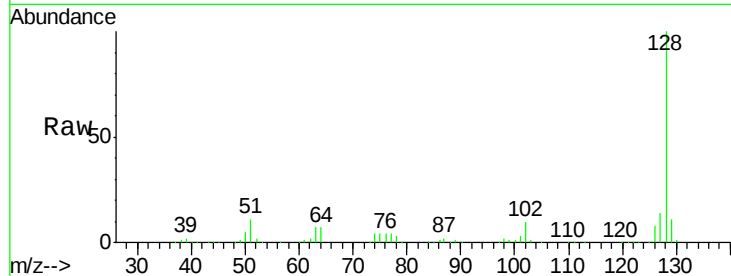
#31
Naphthalene
Concen: 44.531 ng
RT: 11.85 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	14.2	11.6	17.4

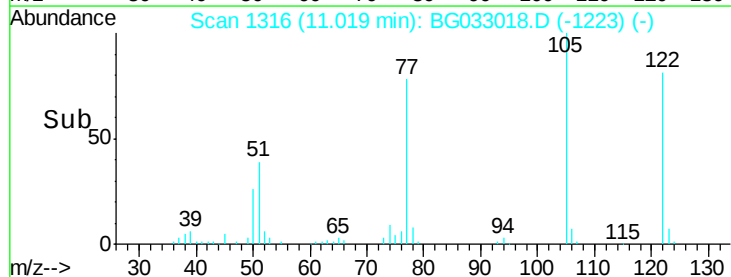
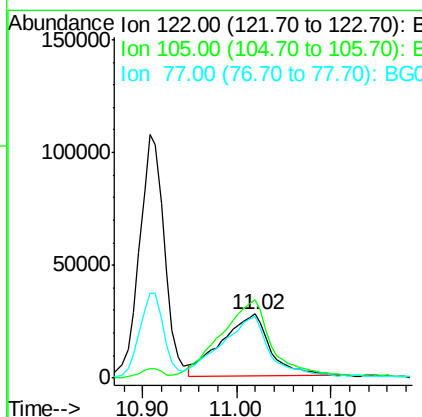
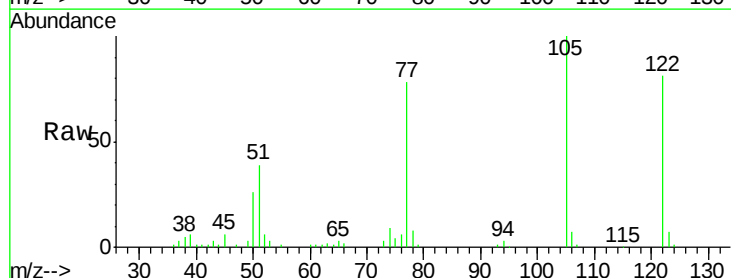
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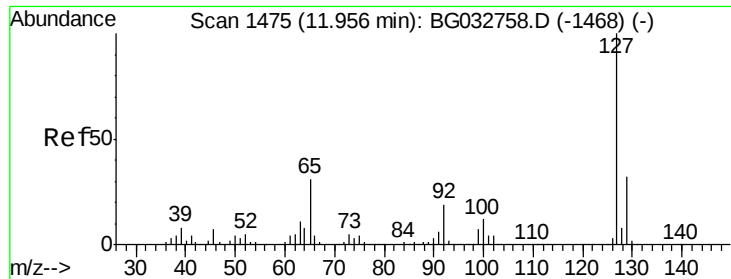
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#32
Benzoic acid
Concen: 44.183 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.6	123.5	163.5
77	97.0	85.7	125.7





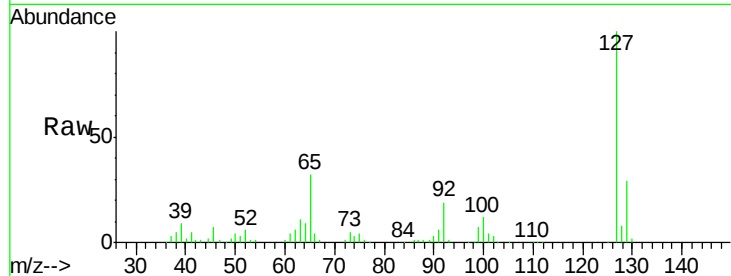
#33
4-Chloroaniline
Concen: 16.909 ng
RT: 11.94 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

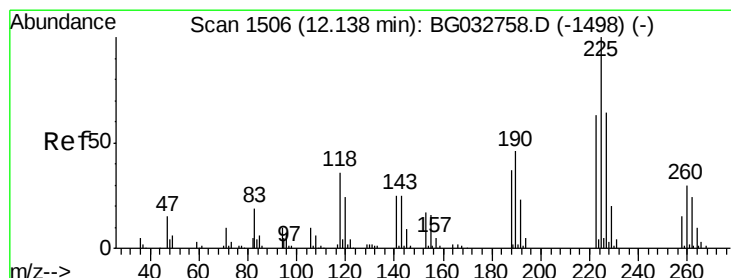
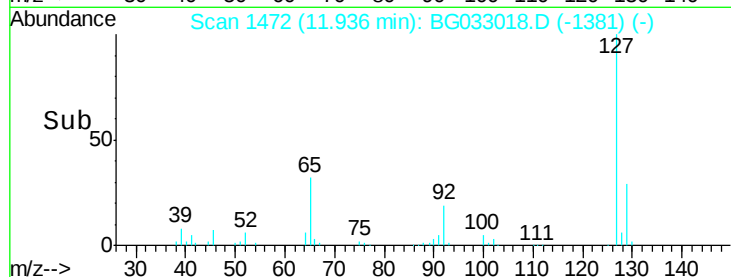
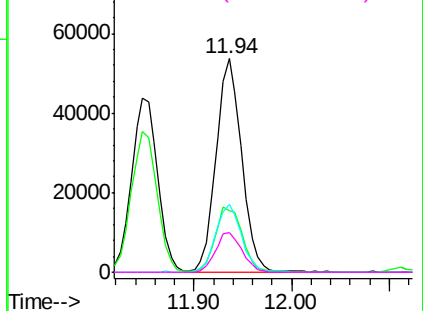
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	28.9	24.0	36.0		
65	32.0	27.0	40.4		
92	18.8	16.6	25.0		

Manual Integrations
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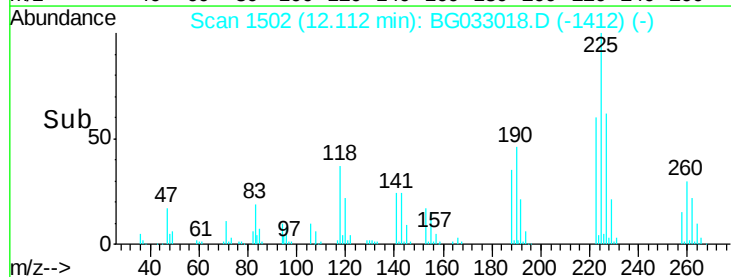
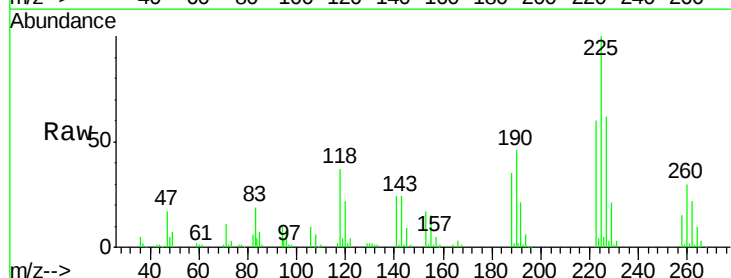
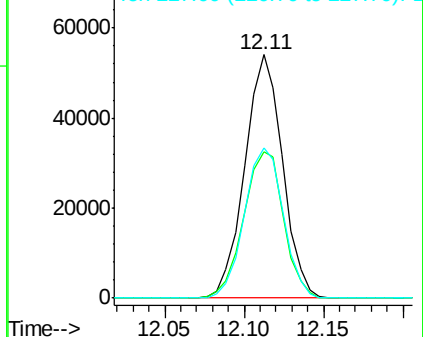
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

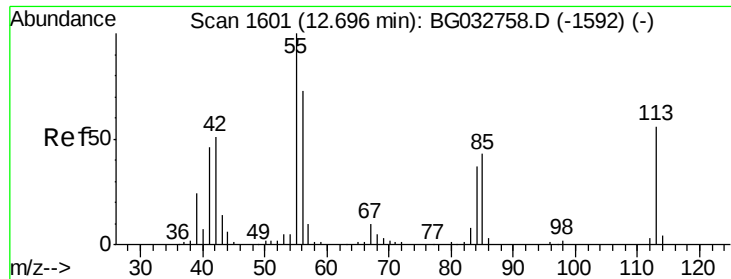


#34
Hexachlorobutadiene
Concen: 39.735 ng
RT: 12.11 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.1	49.7	74.5		
227	61.9	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: 45.153 ng

RT: 12.68 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

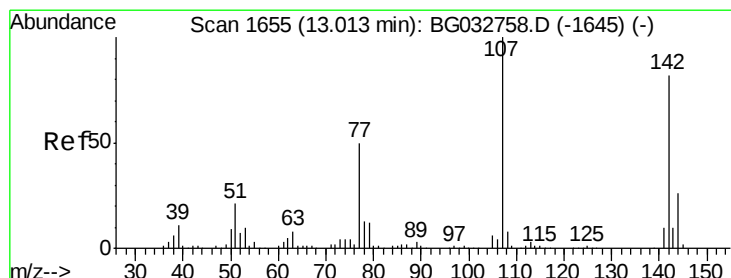
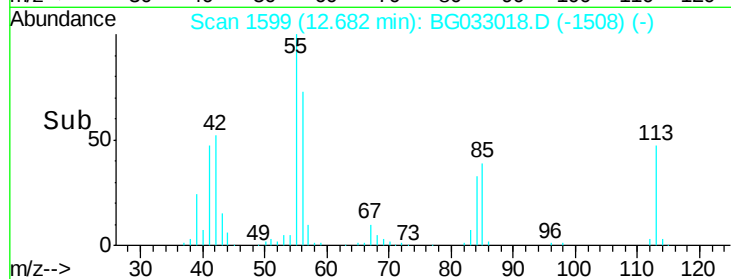
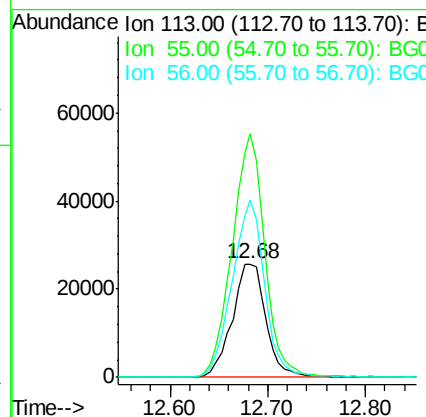
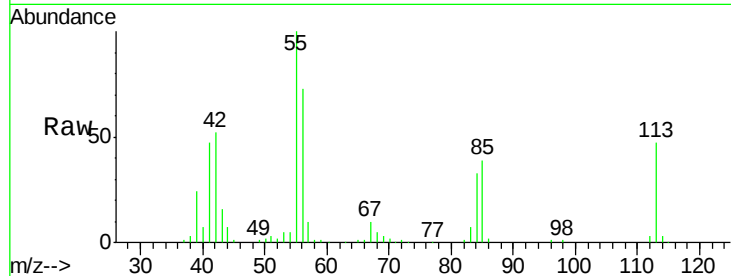
ClientSampleId :

OK-01-022218MS

Tot Ion:113 Resp: 61954
 Ion Ratio Lower Upper
 113 100
 55 214.8 186.9 226.9
 56 155.9 130.9 170.9

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#36

4-Chloro-3-methylphenol

Concen: 55.512 ng

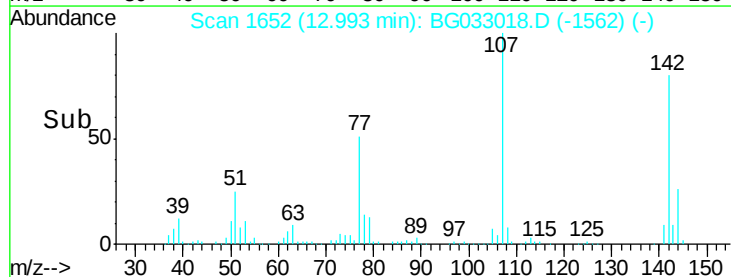
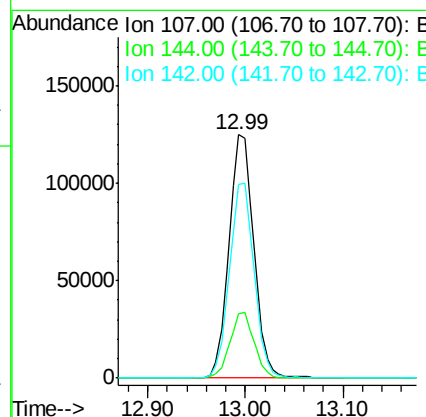
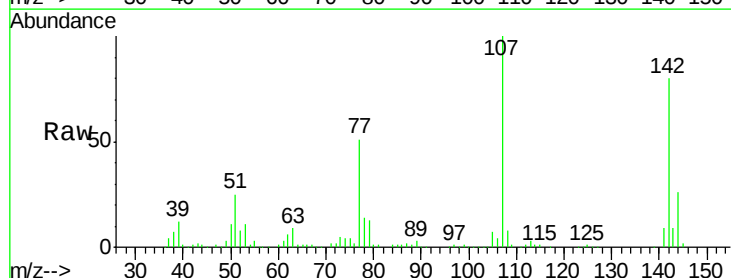
RT: 12.99 min Scan# 1652

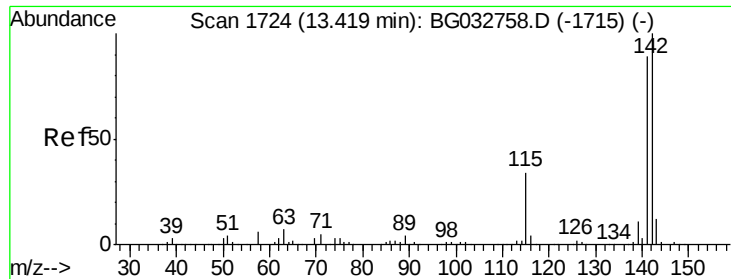
Delta R.T. -0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Tgt Ion:107 Resp: 221364
 Ion Ratio Lower Upper
 107 100
 144 26.4 18.2 27.4
 142 79.7 59.0 88.4





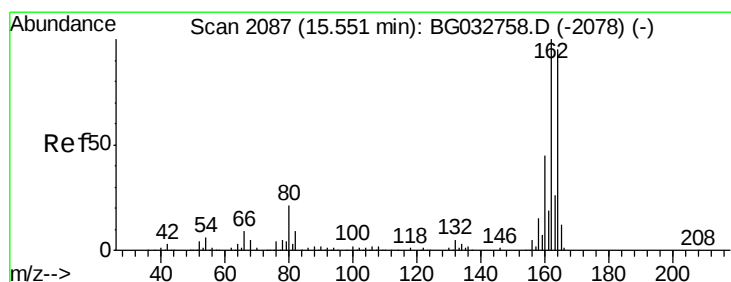
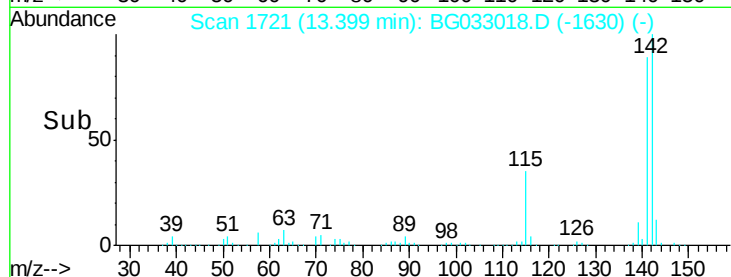
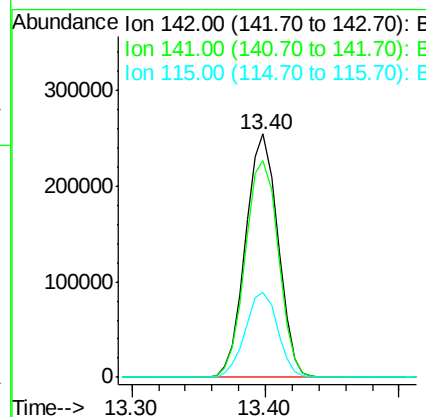
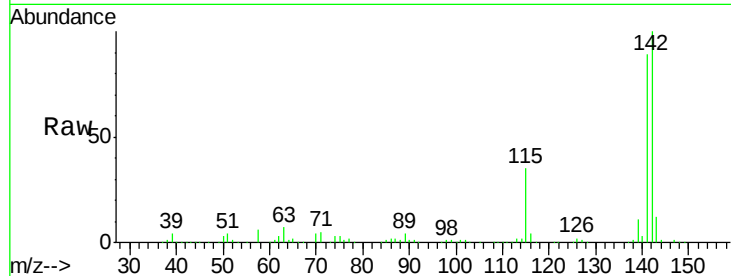
#37
2-Methylnaphthalene
Concen: 45.620 ng
RT: 13.40 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	67.1	100.7
115	35.0	30.7	46.1

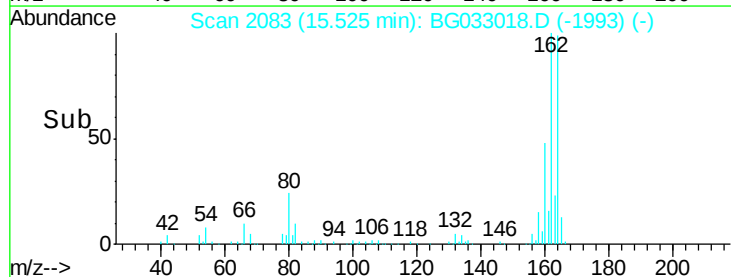
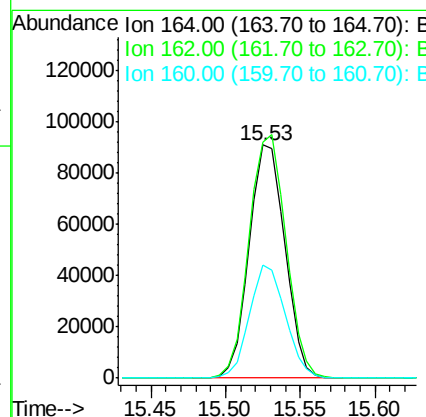
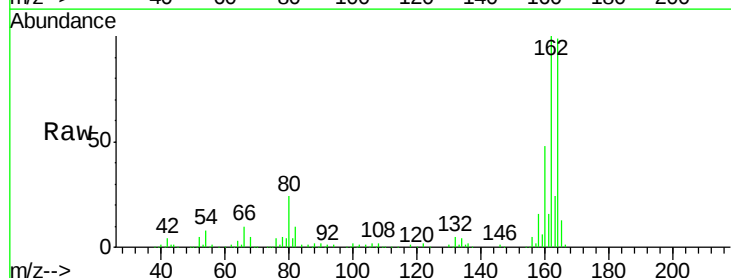
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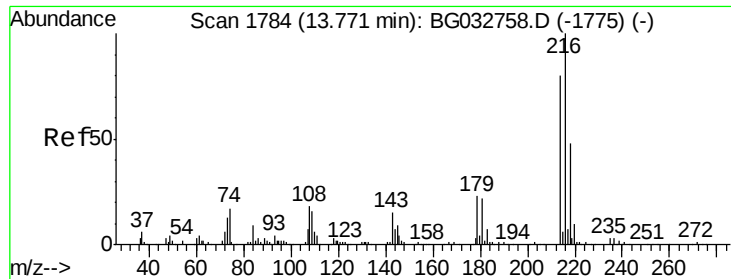
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	78.8	118.2
160	48.3	35.4	53.0





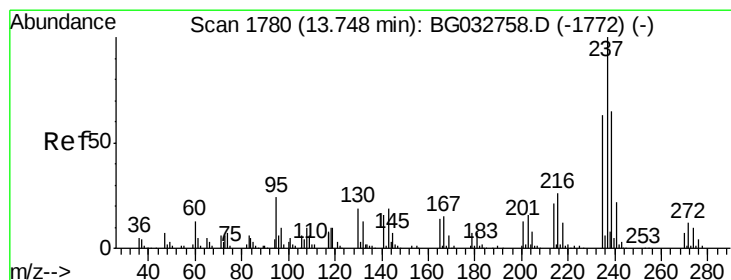
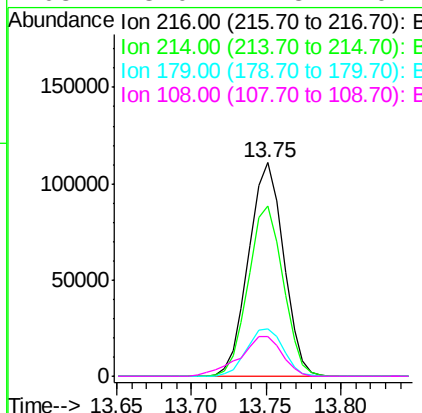
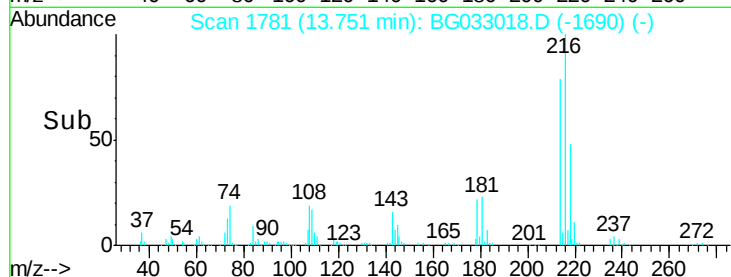
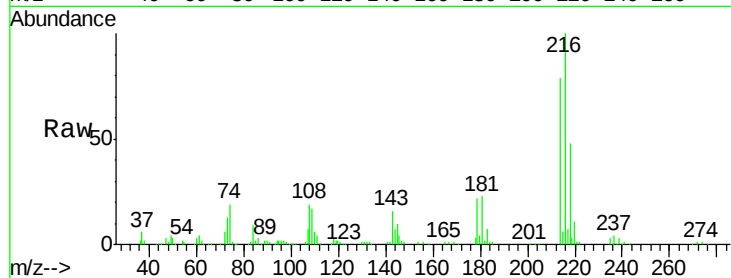
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.336 ng
 RT: 13.75 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	23.3	17.0	25.6
108	23.0	12.8	19.2

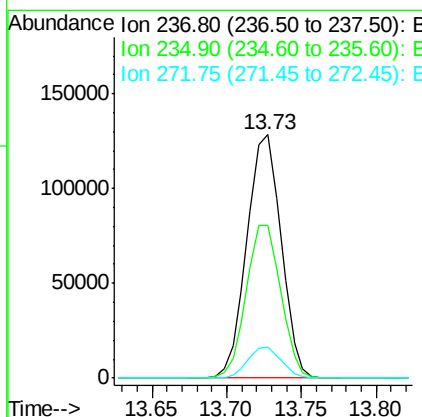
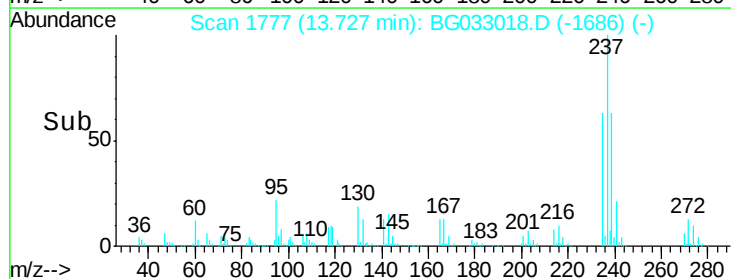
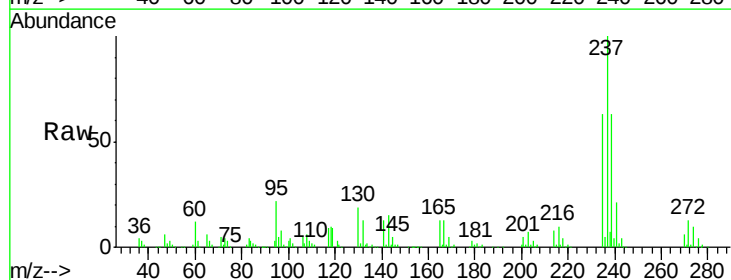
Manual Integrations
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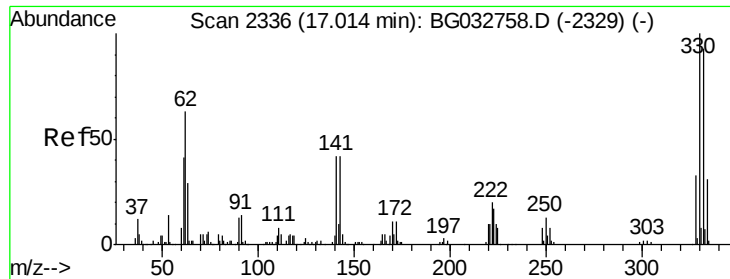
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 89.821 ng
 RT: 13.73 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.9	50.4	90.4
272	12.8	0.0	31.8





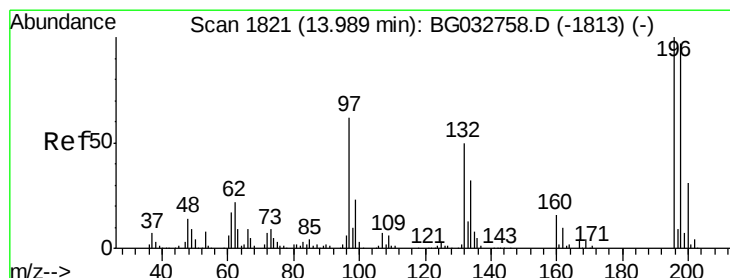
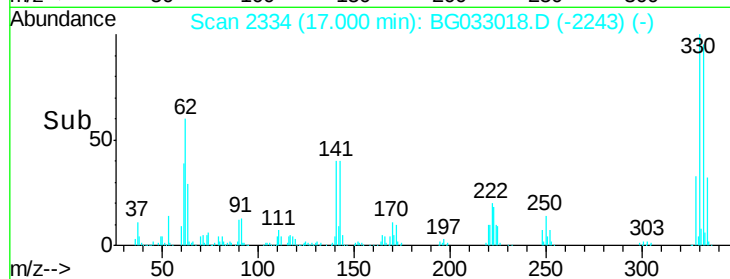
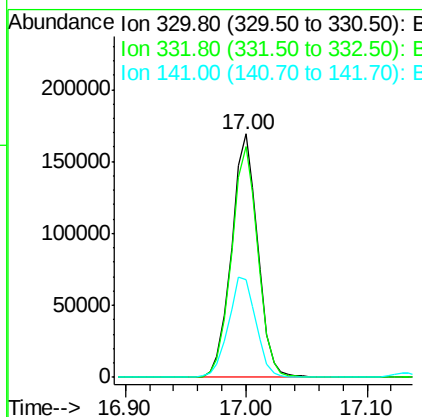
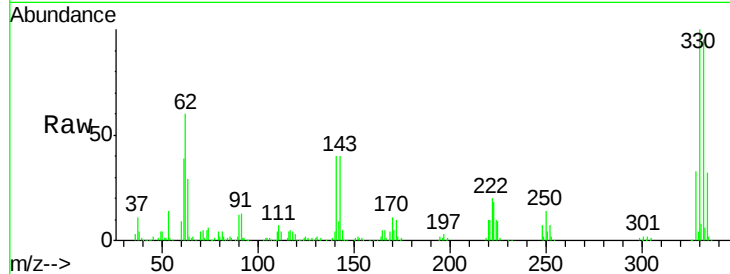
#41
 2,4,6-Tribromophenol
 Concen: 161.656 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	255391		
332	95.5	77.0	115.6	
141	43.3	25.2	37.8	

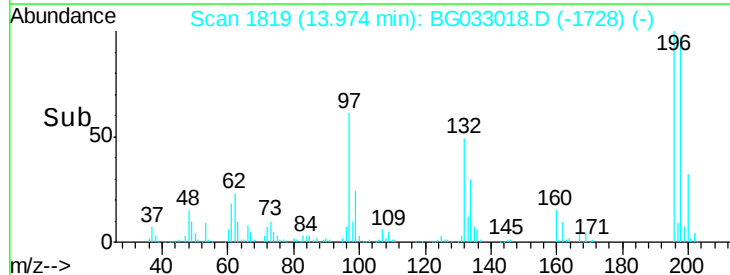
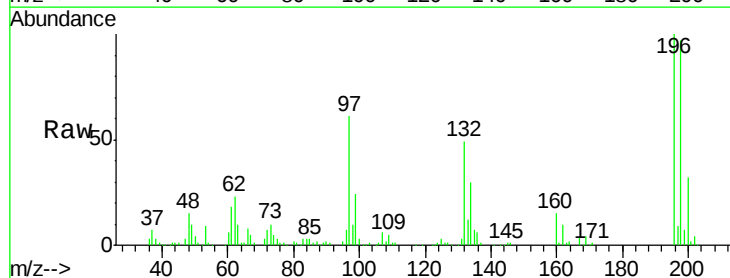
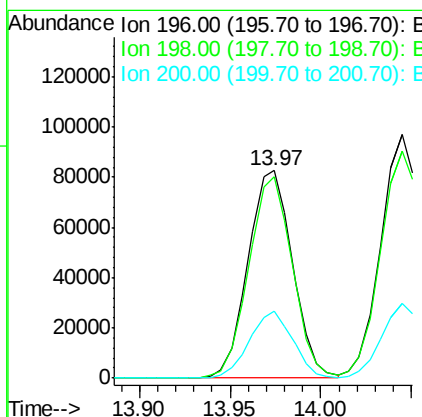
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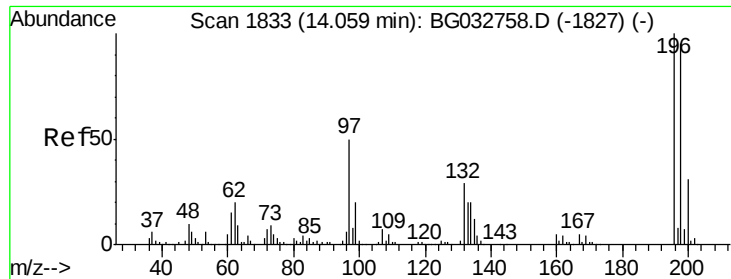
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 50.133 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	141015		
198	97.3	78.2	117.2	
200	32.1	24.6	36.8	





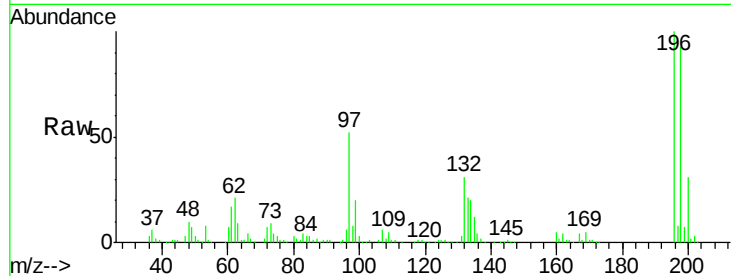
#43
 2,4,5-Trichlorophenol
 Concen: 48.345 ng
 RT: 14.04 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	157385		
198	93.0	76.2	114.4	
97	51.8	38.7	58.1	
132	31.1	20.2	30.2	

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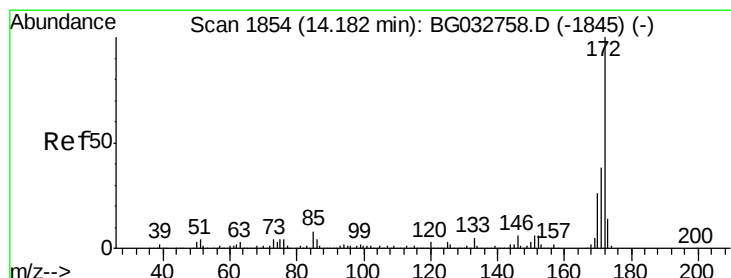
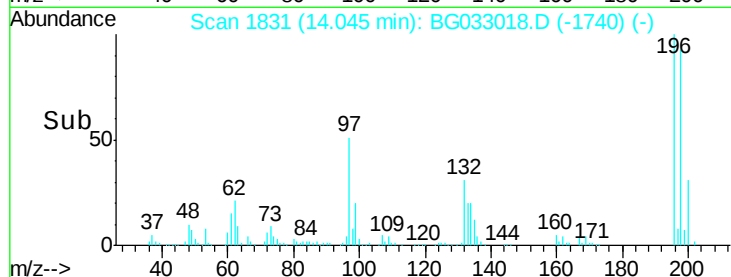
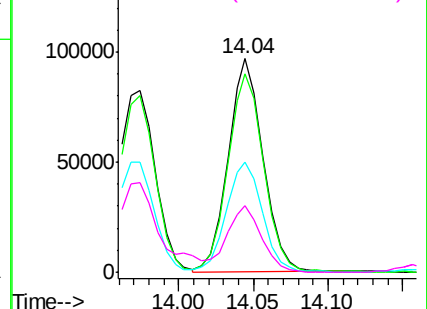
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.438 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

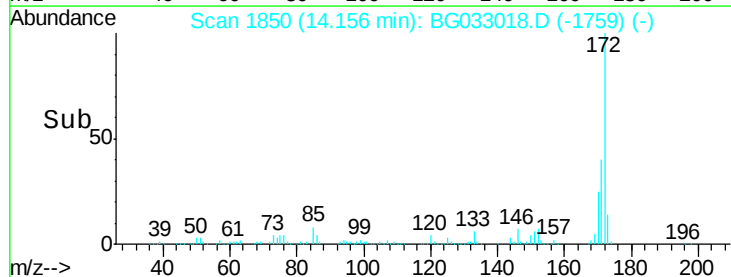
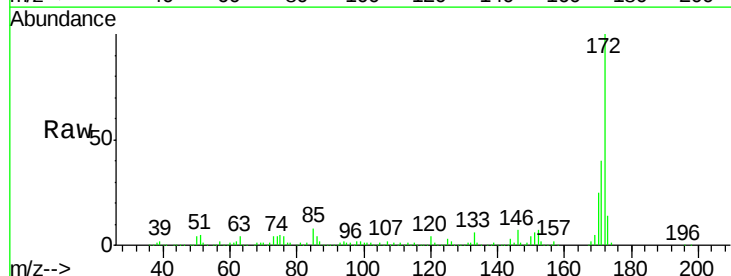
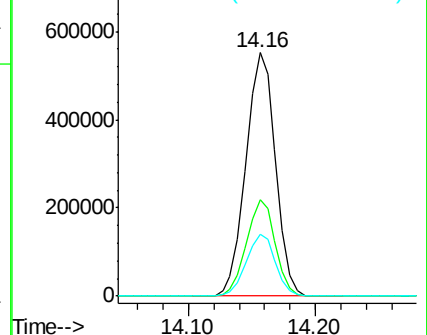
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	890074		
171	39.6	30.0	45.0	
170	25.4	19.5	29.3	

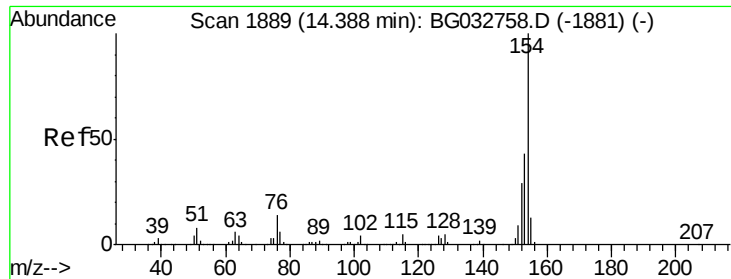
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





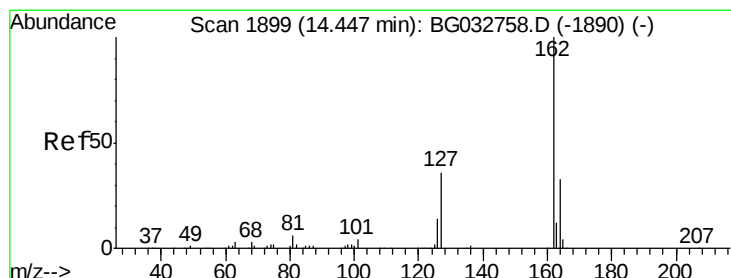
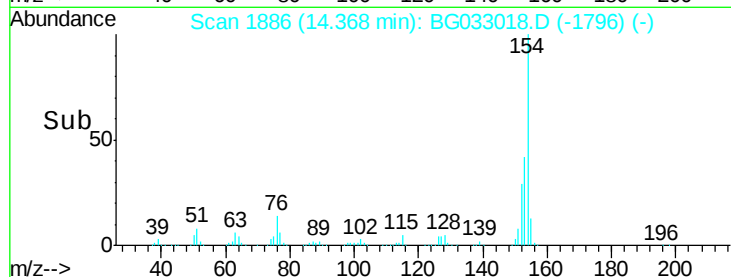
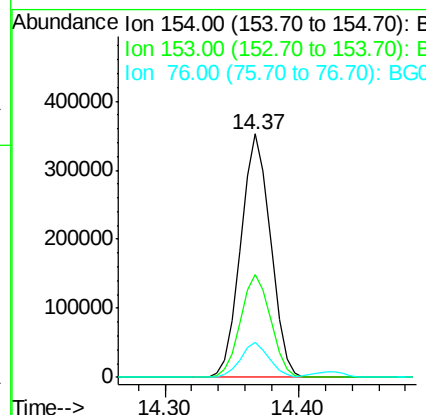
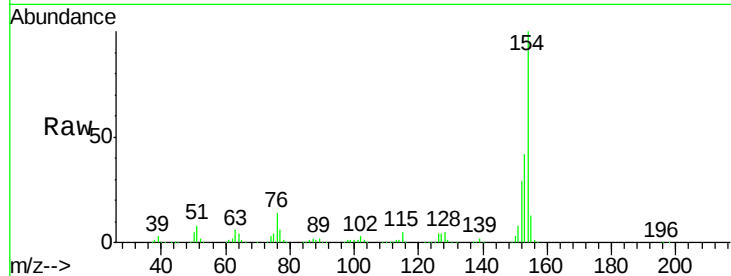
#45
 1,1'-Biphenyl
 Concen: 41.460 ng
 RT: 14.37 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

Tot Ion:	154	Resp:	544350
Ion Ratio	Lower	Upper	
154	100		
153	42.5	19.8	59.8
76	14.2	0.0	31.9

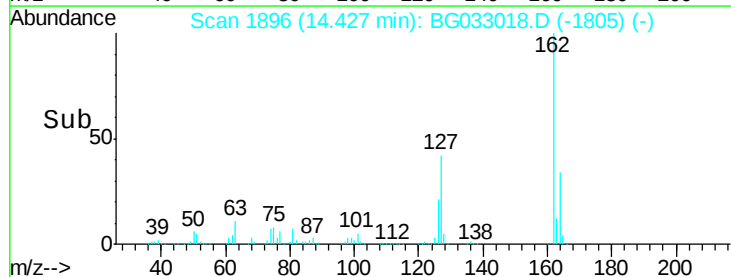
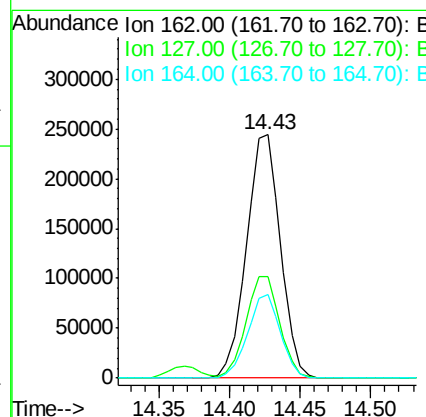
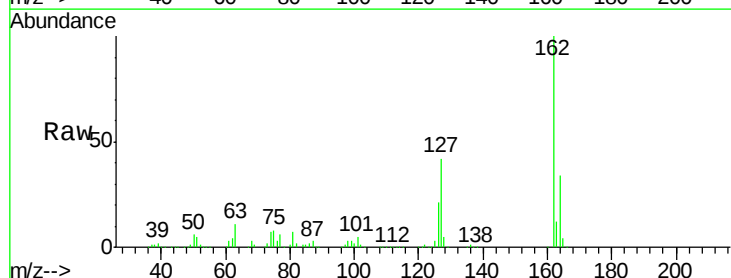
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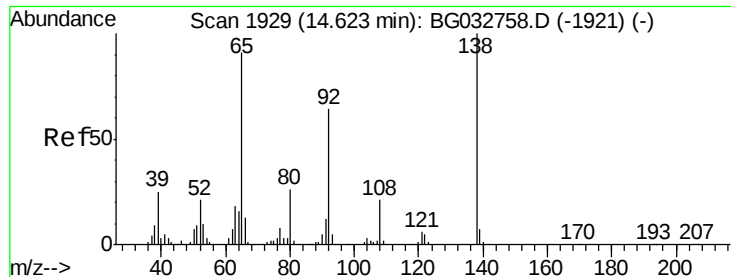
Sohil
 3/7/2018 12:10:54 PM



#46
 2-Chloronaphthalene
 Concen: 41.889 ng
 RT: 14.43 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion:	162	Resp:	410841
Ion Ratio	Lower	Upper	
162	100		
127	41.8	30.7	46.1
164	34.2	26.0	39.0





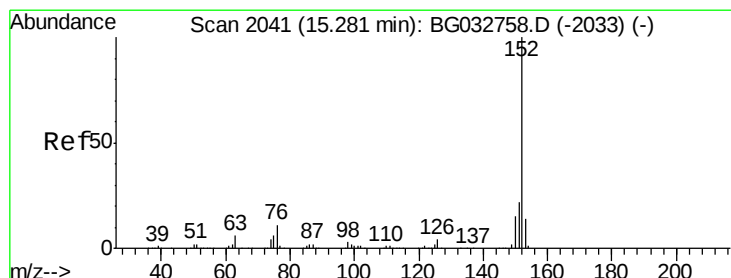
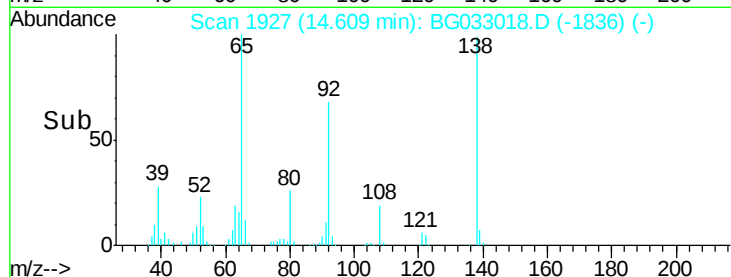
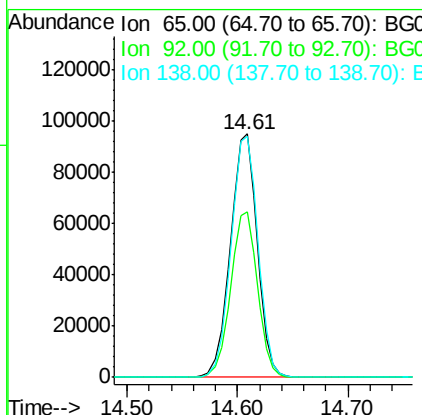
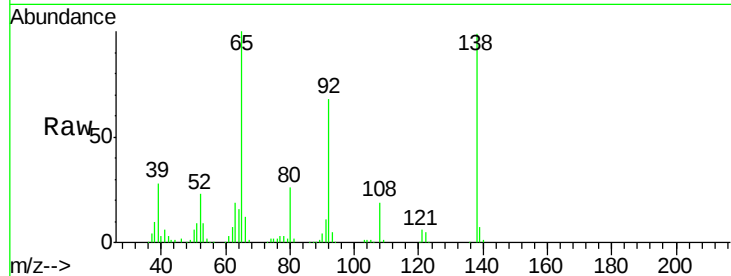
#47
2-Nitroaniline
Concen: 61.893 ng
RT: 14.61 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.0	54.6	82.0
138	98.9	72.9	109.3

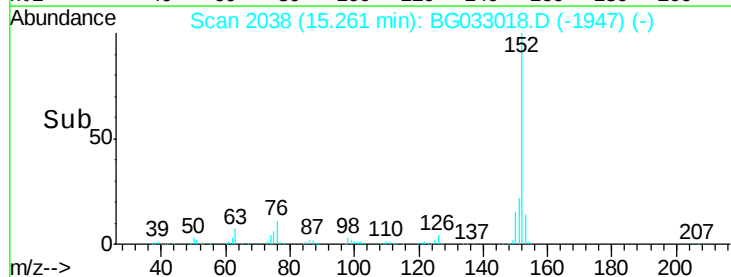
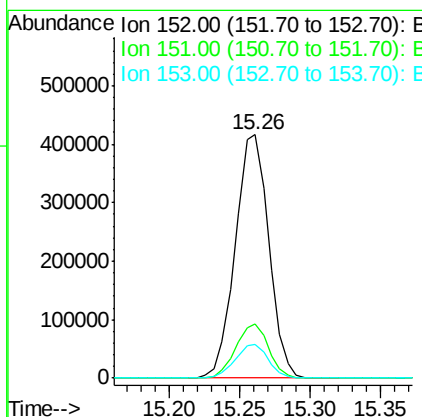
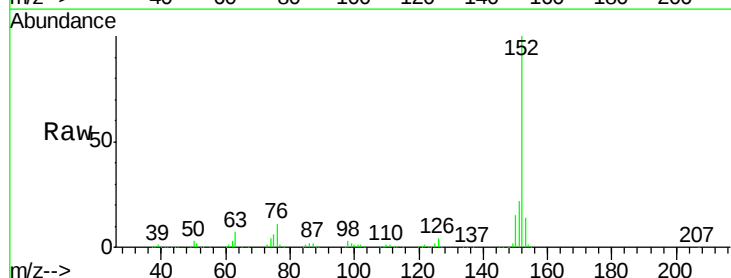
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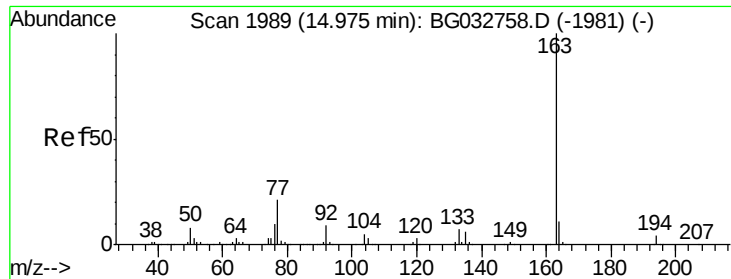
Sohil
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#48
Acenaphthylene
Concen: 42.952 ng
RT: 15.26 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.2	25.8
153	13.8	10.2	15.4





#49

Dimethylphthalate

Concen: 44.541 ng

RT: 14.96 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

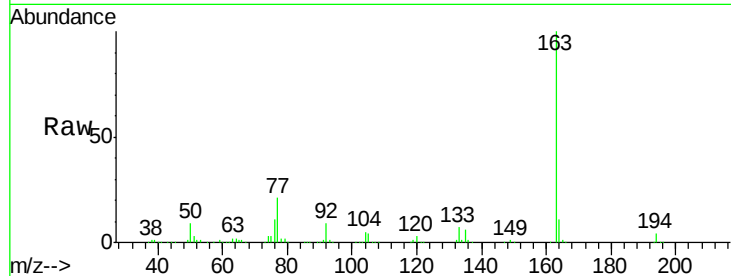
ClientSampleId :

OK-01-022218MS

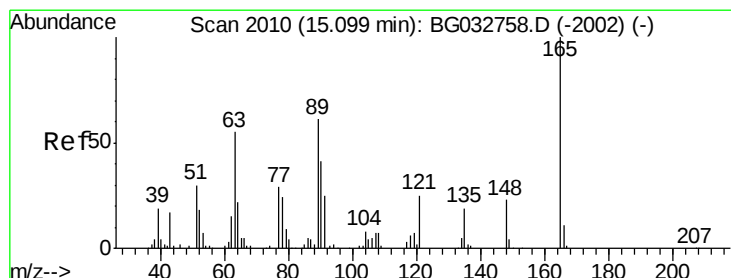
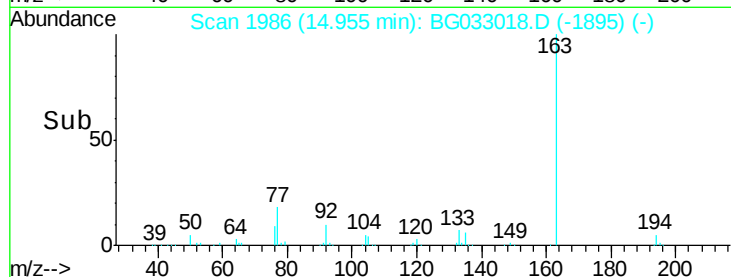
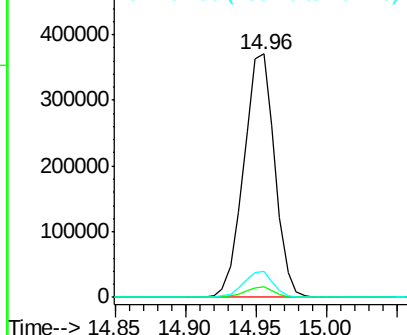
Tot Ion:	163	Resp:	568240
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.4	5.2
164	10.6	8.2	12.4

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 58.684 ng

RT: 15.08 min Scan# 2007

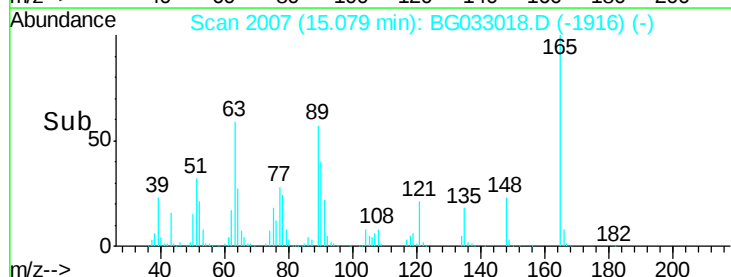
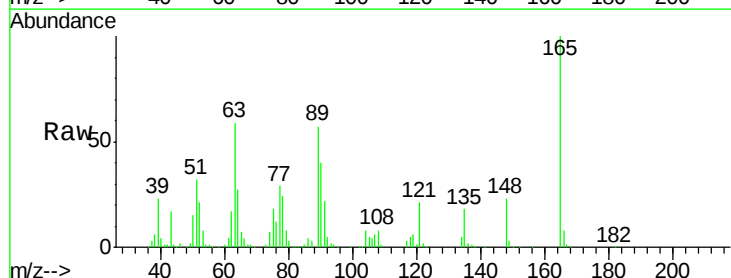
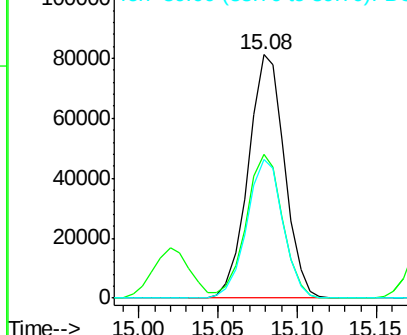
Delta R.T. 0.00 min

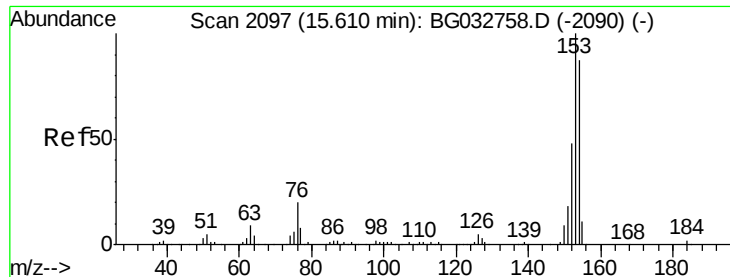
Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Tgt Ion:	165	Resp:	129051
Ion Ratio	Lower	Upper	
165	100		
63	58.8	52.7	79.1
89	57.1	49.2	73.8

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 46.091 ng

RT: 15.60 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

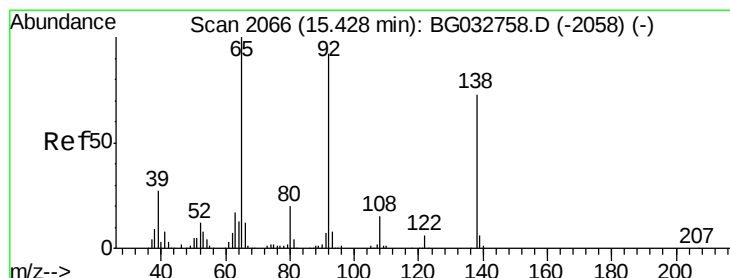
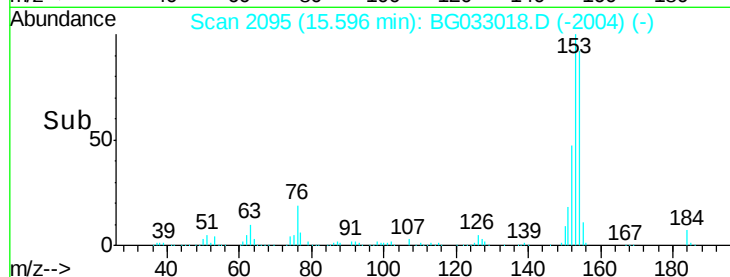
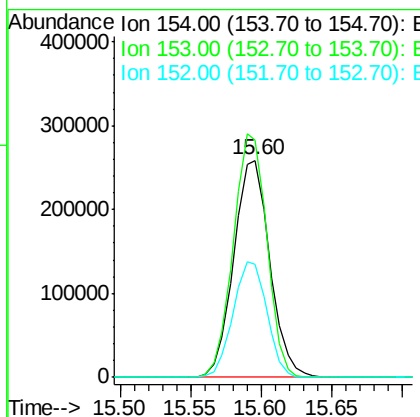
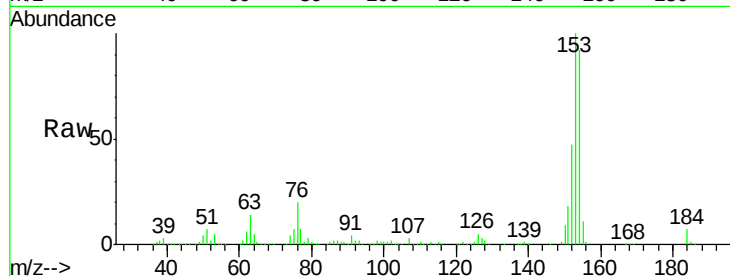
ClientSampleId :

OK-01-022218MS

Tot Ion:	154	Resp:	460920
Ion Ratio	Lower	Upper	
154	100		
153	109.1	90.4	135.6
152	51.8	41.6	62.4

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#52

3-Nitroaniline

Concen: 37.368 ng

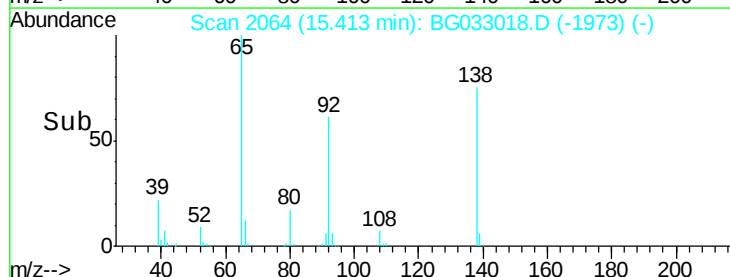
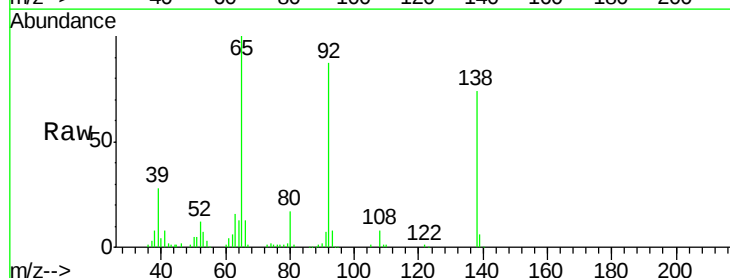
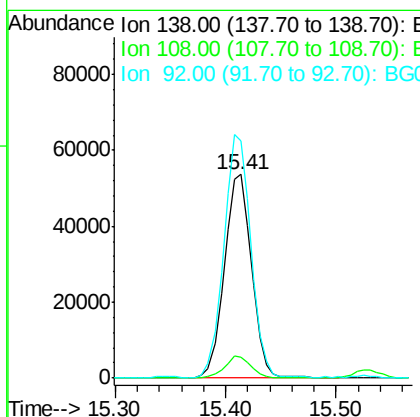
RT: 15.41 min Scan# 2064

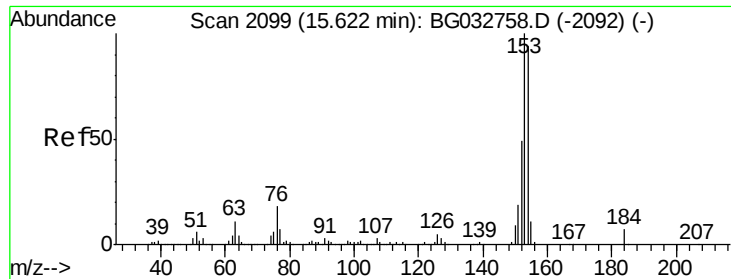
Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Tgt Ion:	138	Resp:	92439
Ion Ratio	Lower	Upper	
138	100		
108	10.3	17.5	26.3#
92	116.7	105.8	158.8





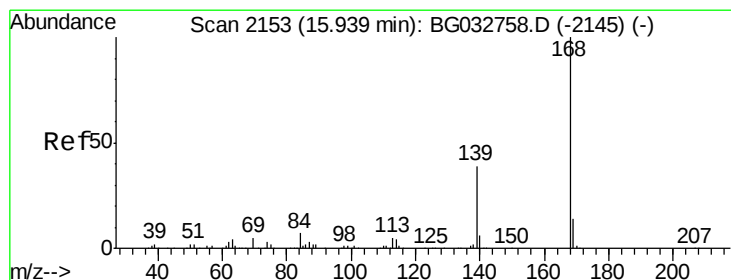
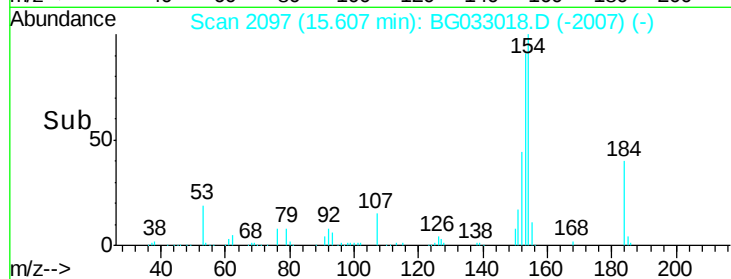
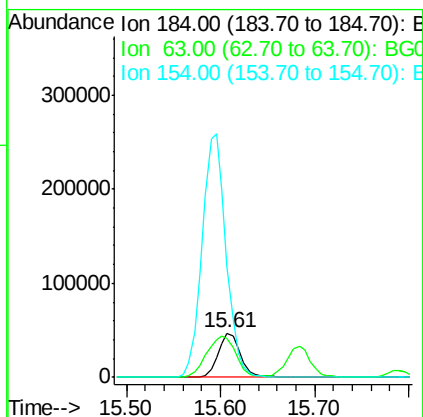
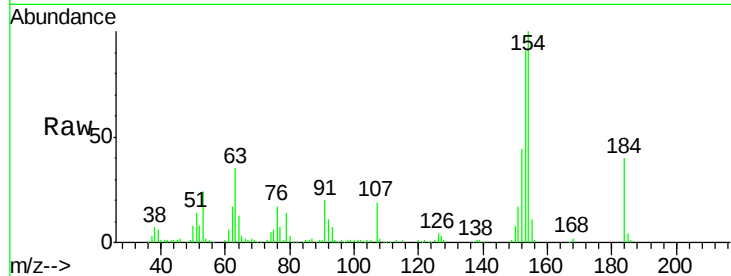
#53
2,4-Dinitrophenol
Concen: 105.614 ng
RT: 15.61 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	88.2	59.8	89.8
154	249.2	101.8	152.8#

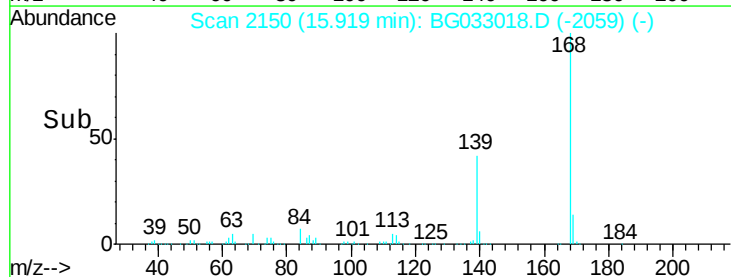
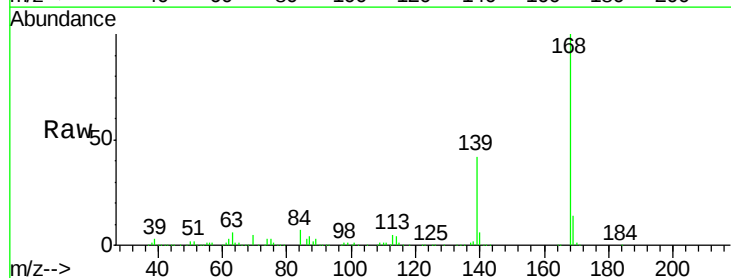
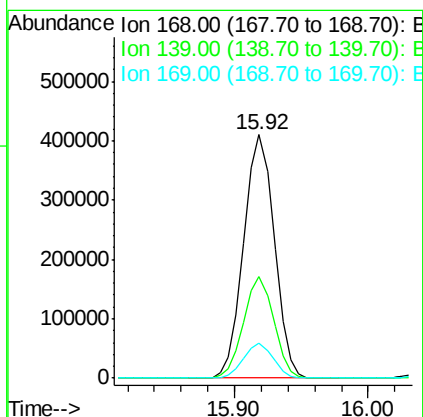
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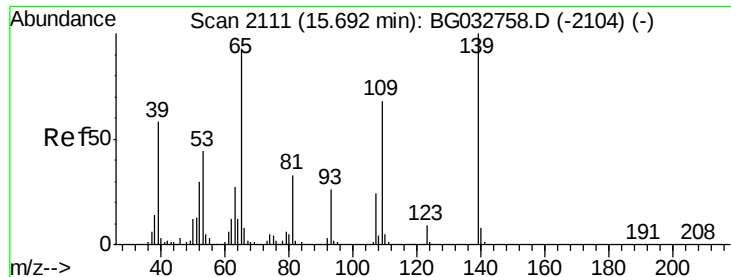
Sohil
3/7/2018 12:10:54 PM



#54
Dibenzofuran
Concen: 45.777 ng
RT: 15.92 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.6	28.6	43.0
169	14.2	11.2	16.8





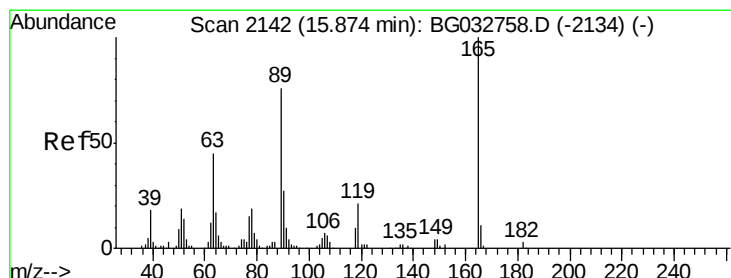
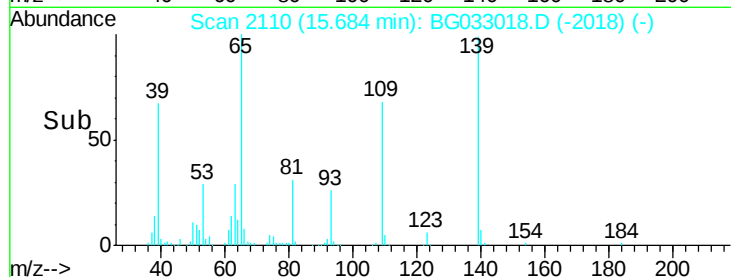
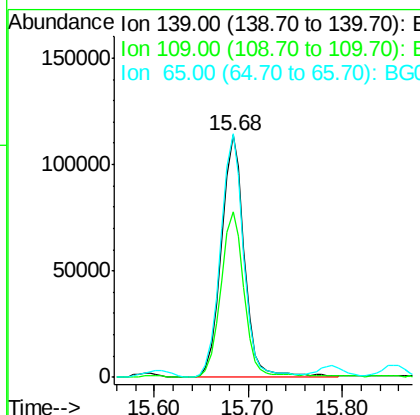
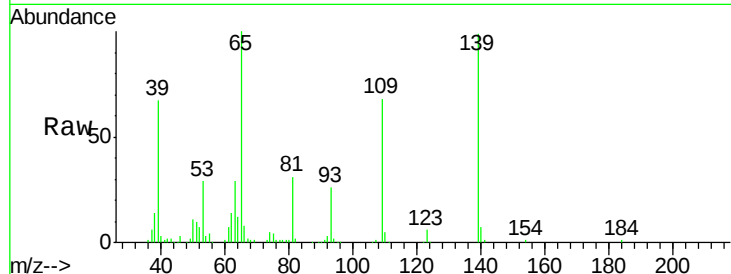
#55
4-Nitrophenol
Concen: 92.037 ng
RT: 15.68 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	194721		
109	68.1	62.2	102.2	
65	100.6	97.2	137.2	

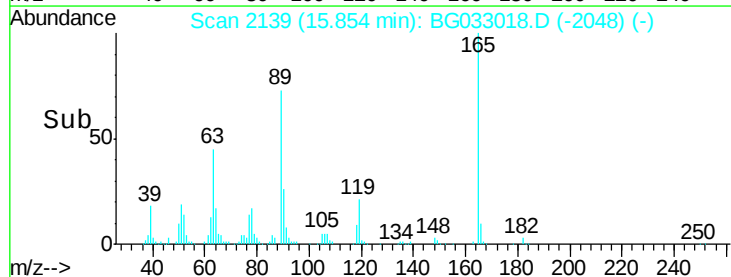
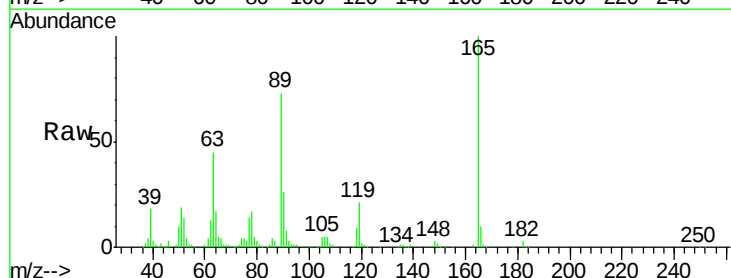
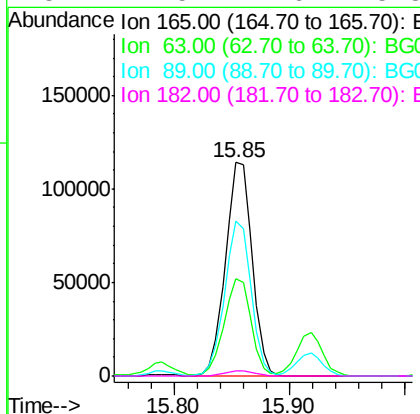
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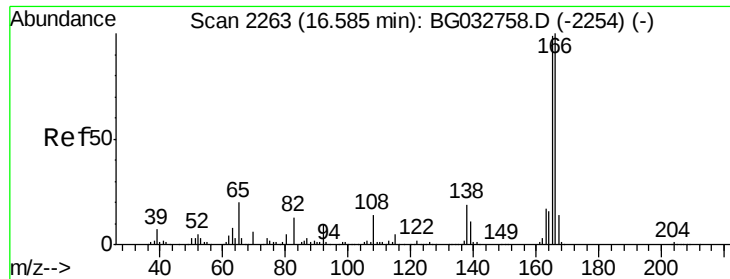
Sohil
3/7/2018 12:10:54 PM



#56
2,4-Dinitrotoluene
Concen: 66.657 ng
RT: 15.85 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	182624		
63	45.4	42.0	63.0	
89	72.7	66.9	100.3	
182	2.5	2.6	3.8#	





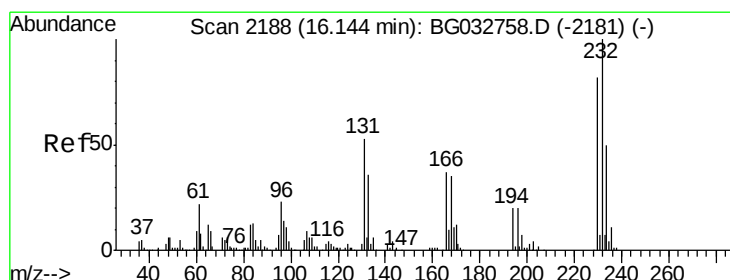
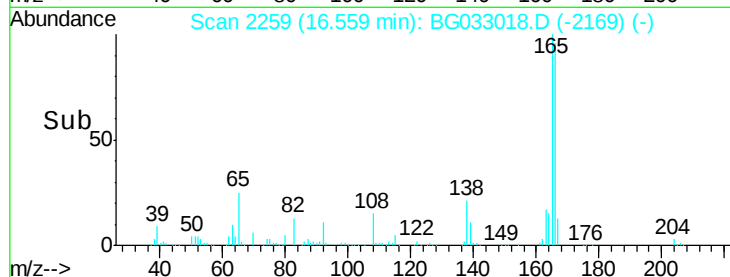
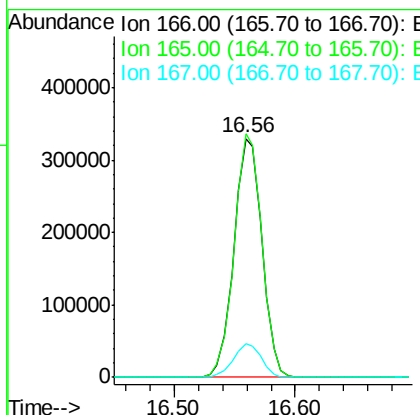
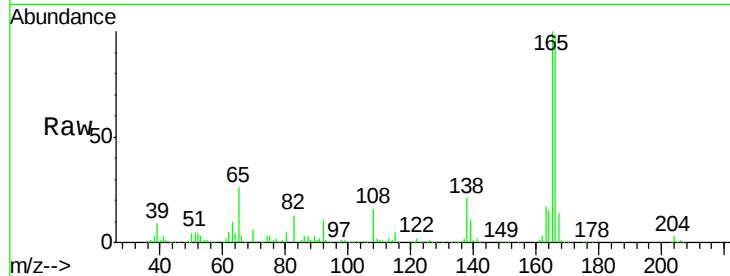
#57
 Fluorene
 Concen: 45.266 ng
 RT: 16.56 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.0	80.6	121.0
167	14.2	10.4	15.6

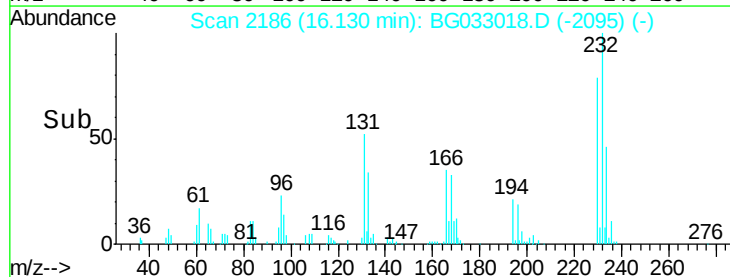
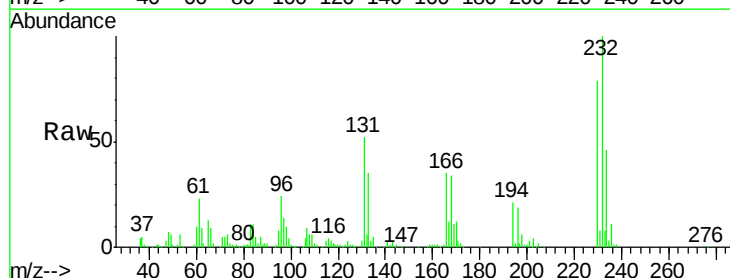
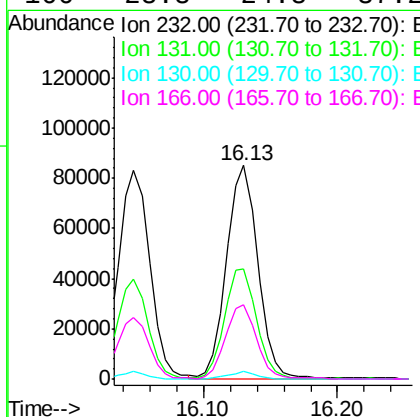
Manual Integrations
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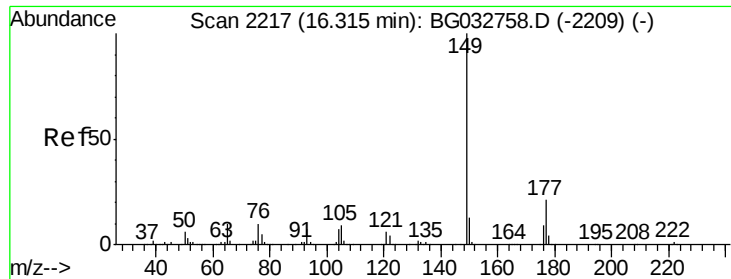
Sohil
 3/7/2018 12:10:54 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.657 ng m
 RT: 16.13 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.6	33.5	50.3
130	3.0	2.2	3.2
166	28.8	24.8	37.2





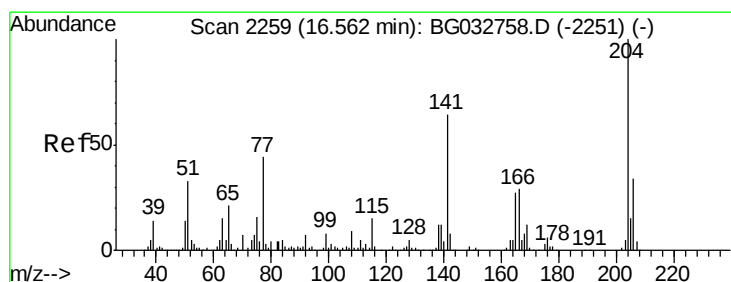
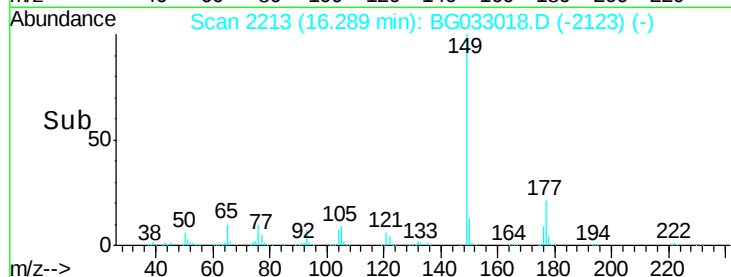
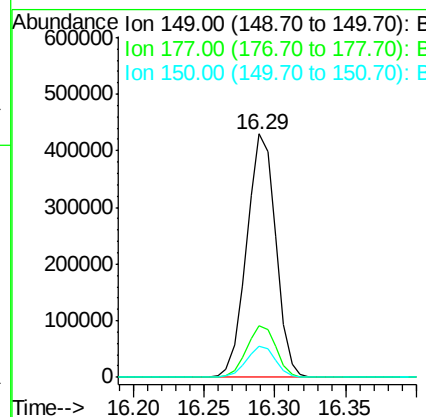
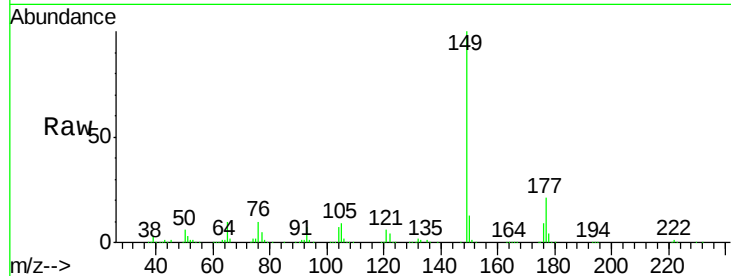
#59
Diethylphthalate
Concen: 46.068 ng
RT: 16.29 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	18.5	27.7
150	12.7	10.2	15.2

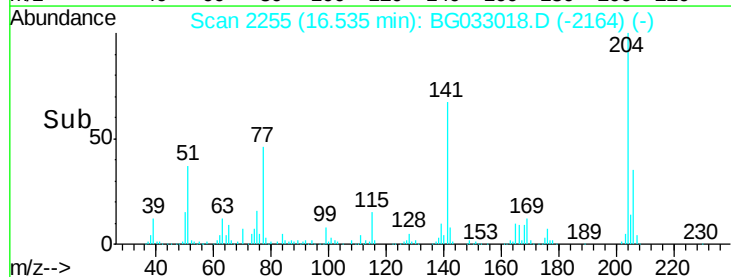
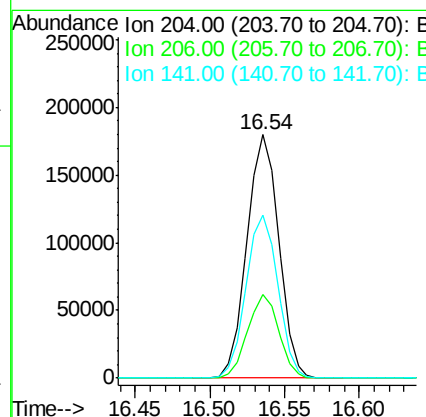
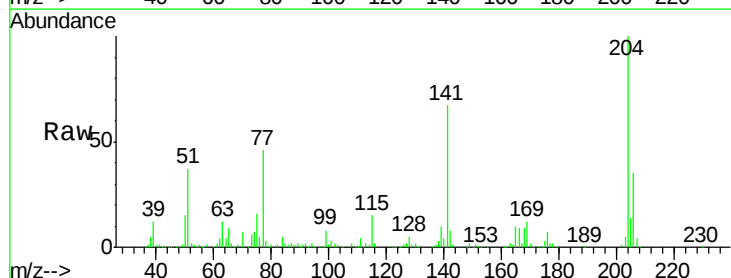
Manual Integrations
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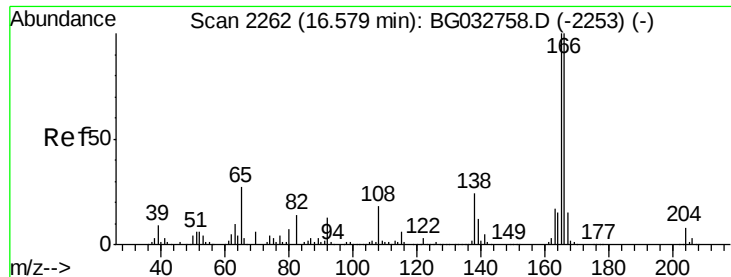
Sohil
3/7/2018 12:10:54 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.081 ng
RT: 16.54 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.2	39.2
141	66.9	45.8	68.6





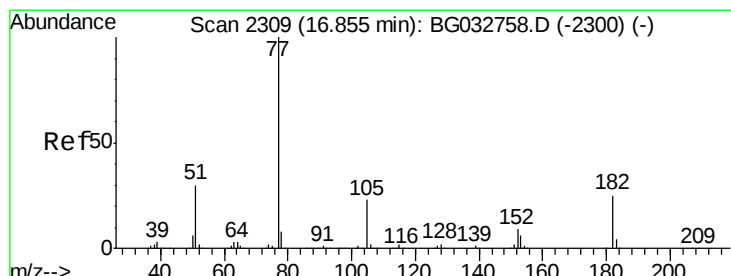
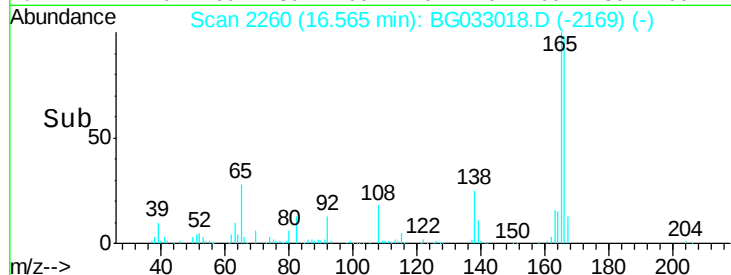
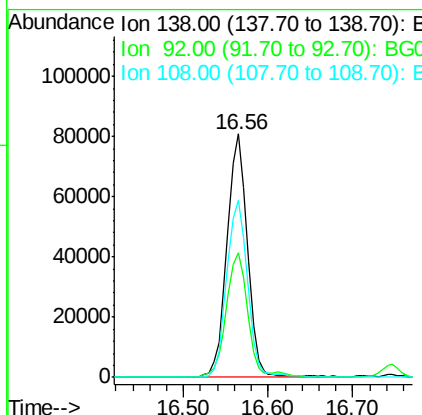
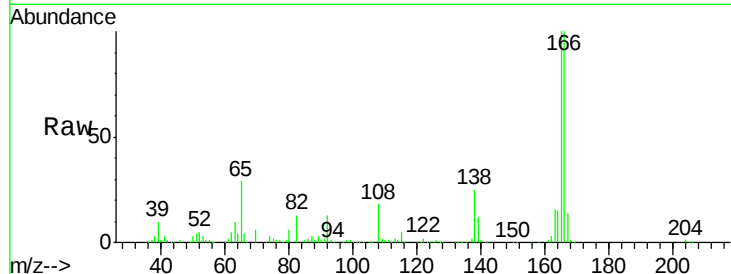
#61
4-Nitroaniline
Concen: 48.917 ng
RT: 16.56 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.2	40.1	80.1
108	72.9	65.4	105.4

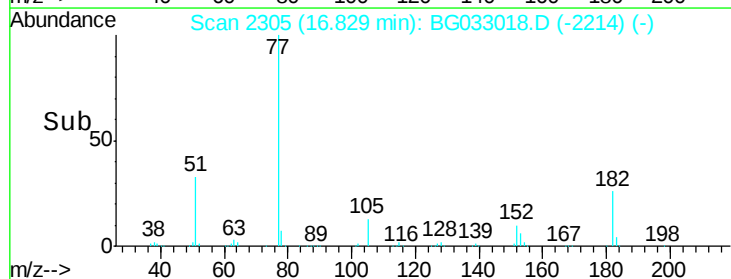
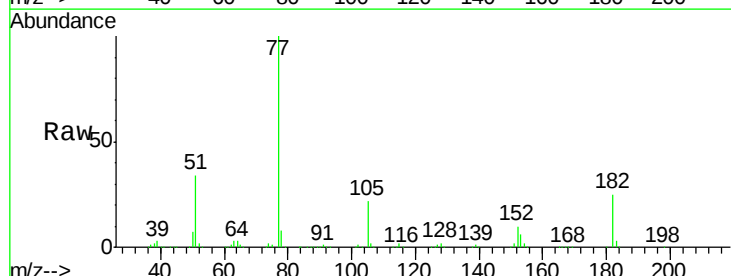
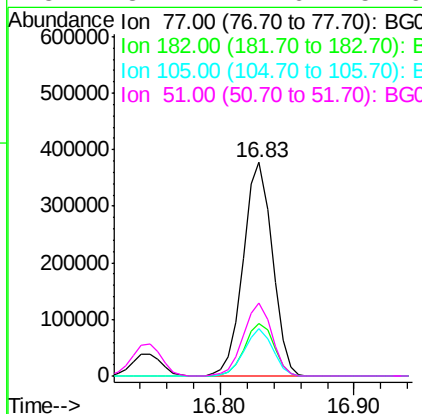
Manual Integrations
APPROVED

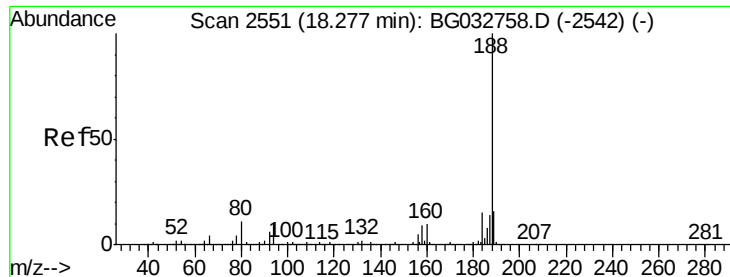
Sohil
3/7/2018 12:10:54 PM



#62
Azobenzene
Concen: 47.151 ng
RT: 16.83 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.5	7.4	47.4
105	22.0	0.3	40.3
51	34.1	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2548

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

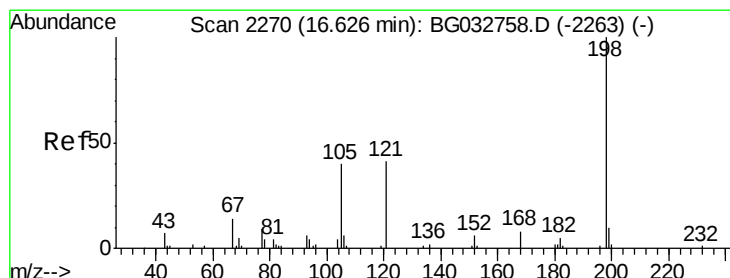
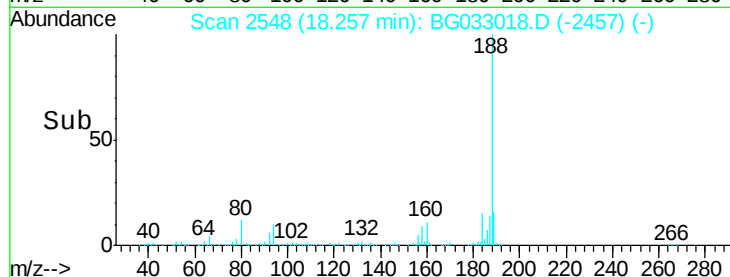
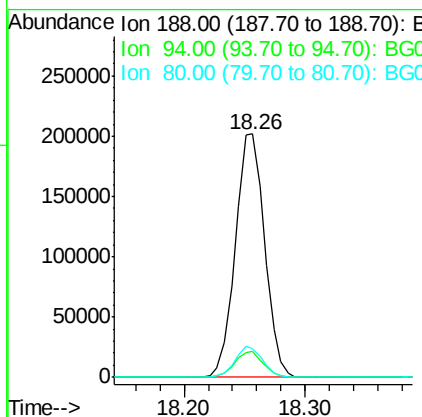
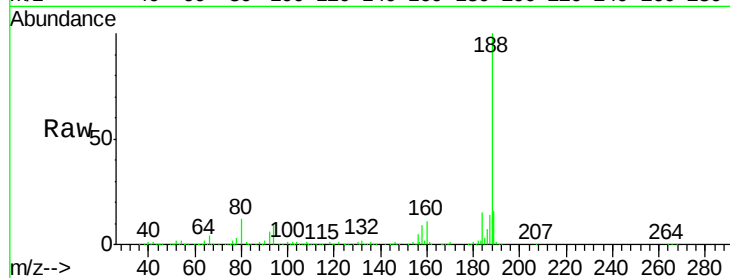
ClientSampleId :

OK-01-022218MS

Tot Ion:	188	Resp:	341228
Ion Ratio	Lower	Upper	
188	100		
94	10.5	6.9	10.3#
80	11.6	7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 63.996 ng

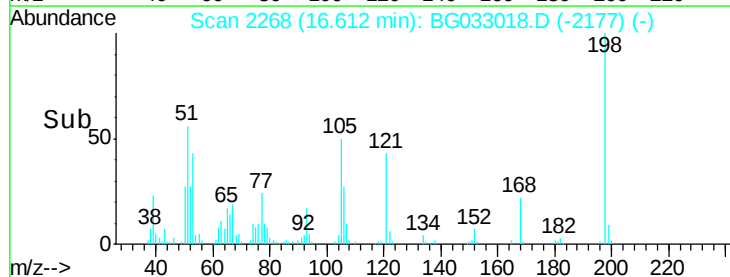
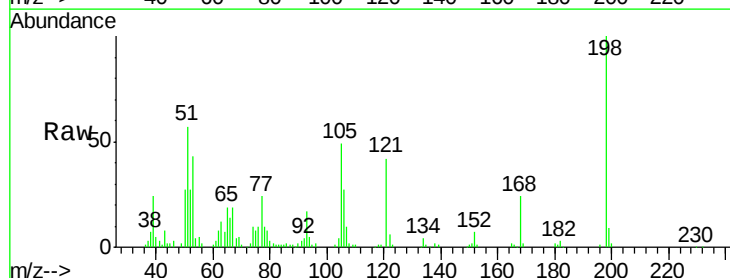
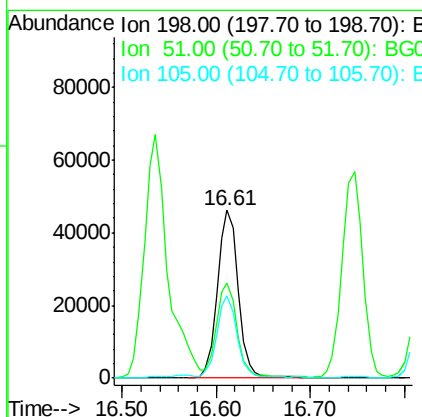
RT: 16.61 min Scan# 2268

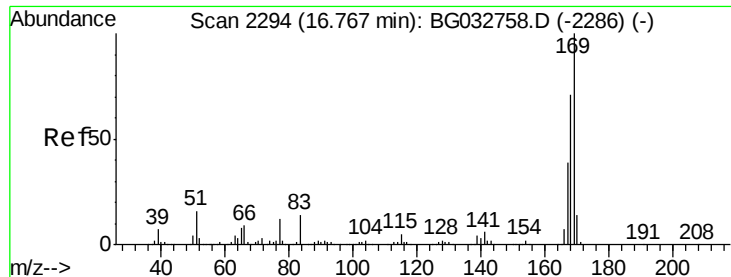
Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Tgt Ion:	198	Resp:	72142
Ion Ratio	Lower	Upper	
198	100		
51	56.6	30.6	70.6
105	49.4	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 44.806 ng

RT: 16.75 min Scan# 2291

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

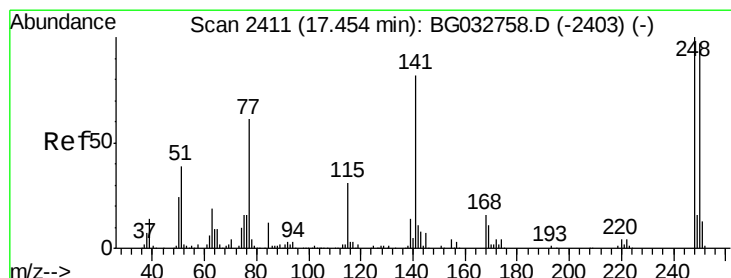
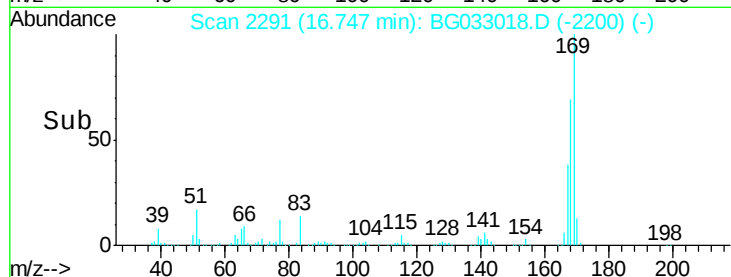
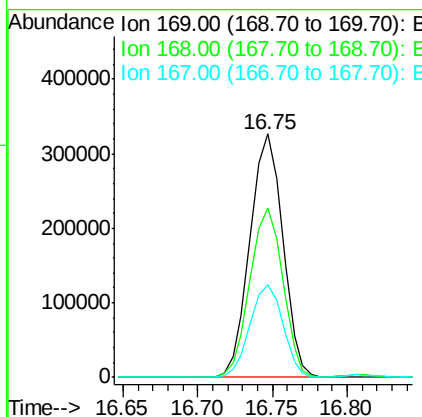
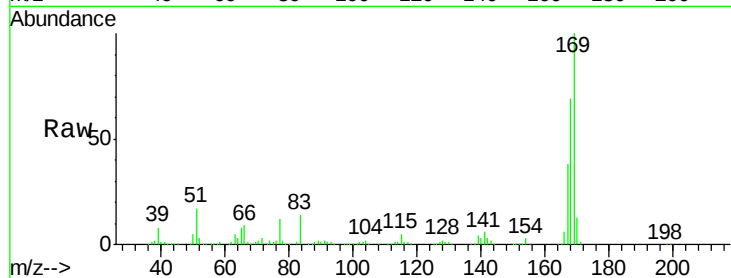
ClientSampleId :

OK-01-022218MS

Tot Ion:	169	Resp:	497374
Ion Ratio	Lower	Upper	
169	100		
168	69.4	55.7	83.5
167	37.8	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 44.094 ng

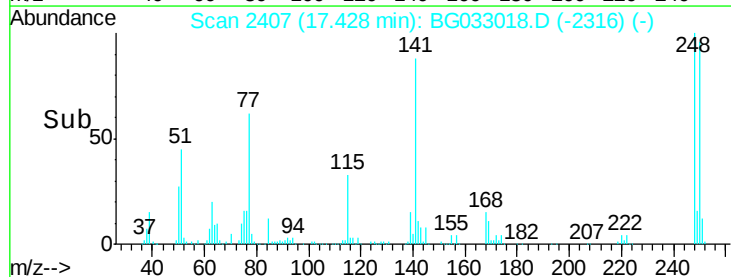
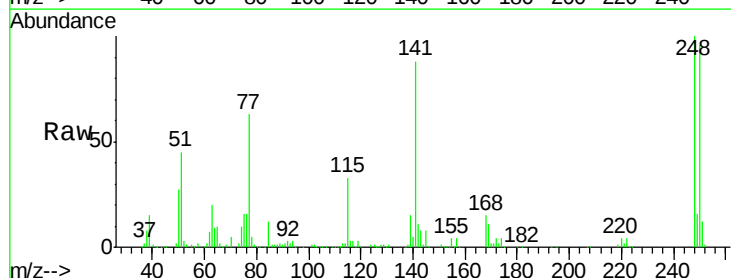
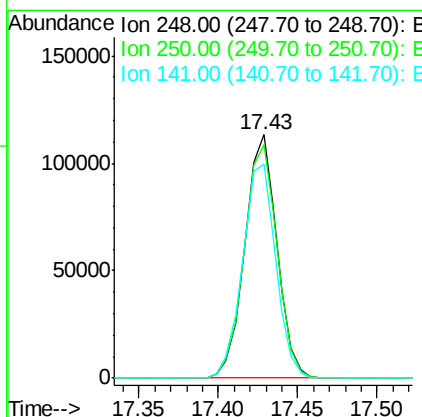
RT: 17.43 min Scan# 2407

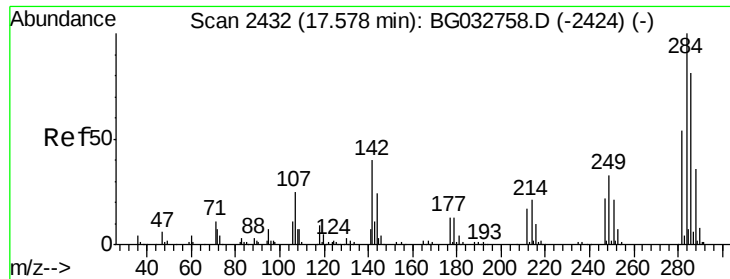
Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Tgt Ion:	248	Resp:	159096
Ion Ratio	Lower	Upper	
248	100		
250	96.1	77.1	115.7
141	87.9	50.8	76.2#





#67

Hexachlorobenzene

Concen: 42.934 ng

RT: 17.56 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

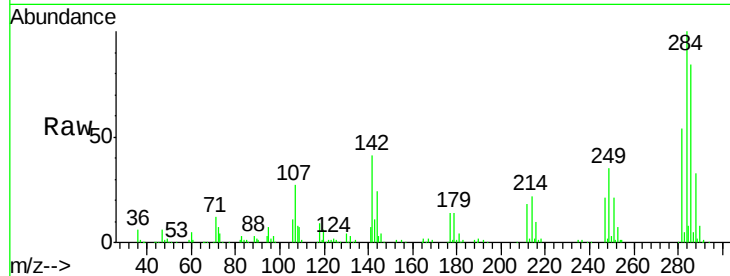
ClientSampled :

OK-01-022218MS

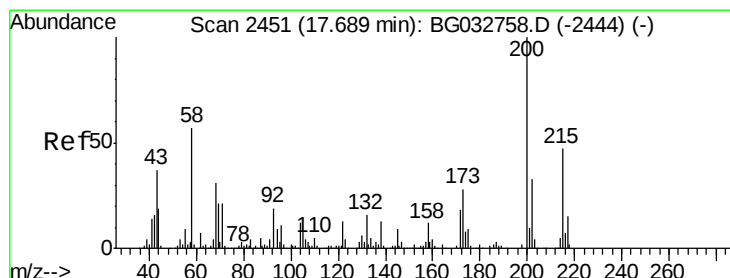
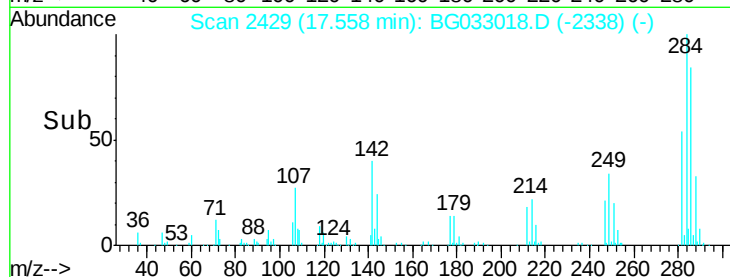
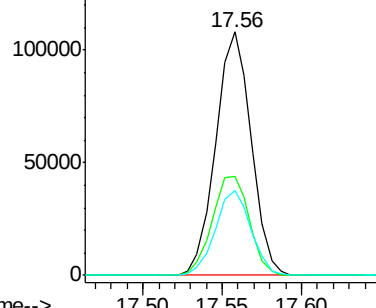
Tot Ion:	284	Resp:	167407
Ion Ratio		Lower	Upper
284	100		
142	40.7	26.8	40.2#
249	34.7	26.3	39.5

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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: 45.385 ng

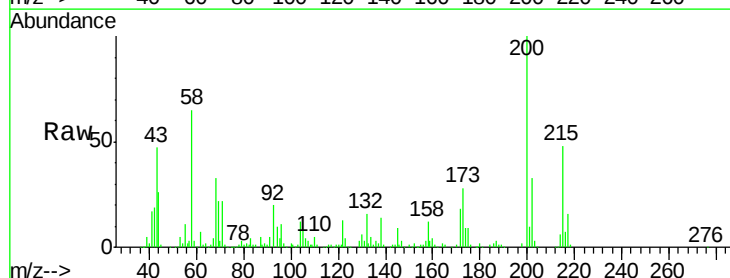
RT: 17.66 min Scan# 2447

Delta R.T. 0.00 min

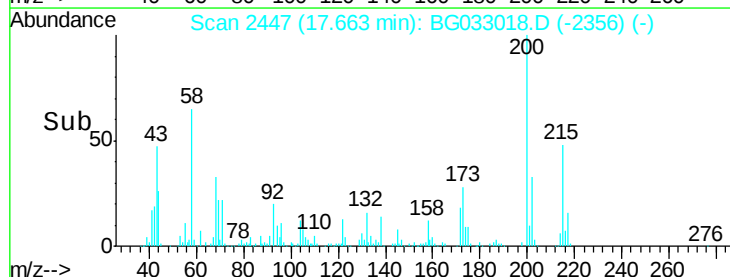
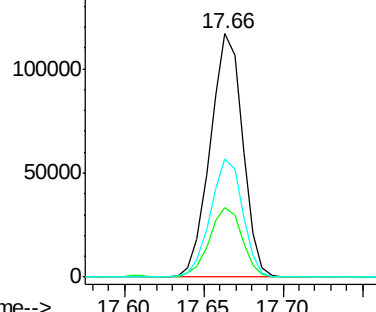
Lab File: BG033018.D

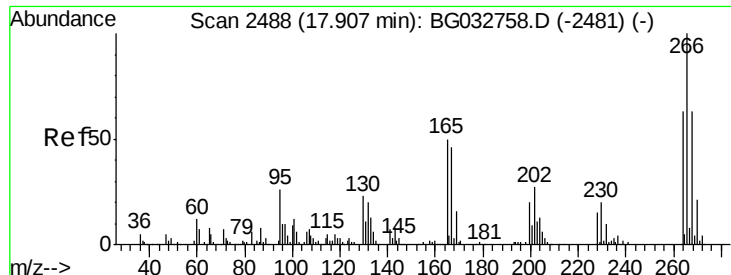
Acq: 6 Mar 2018 12:28

Tgt Ion:	200	Resp:	165832
Ion Ratio		Lower	Upper
200	100		
173	28.5	5.2	45.2
215	48.4	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





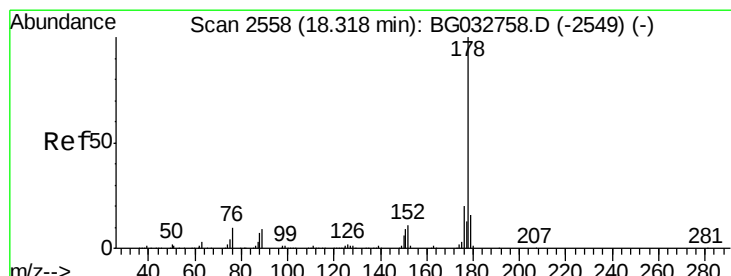
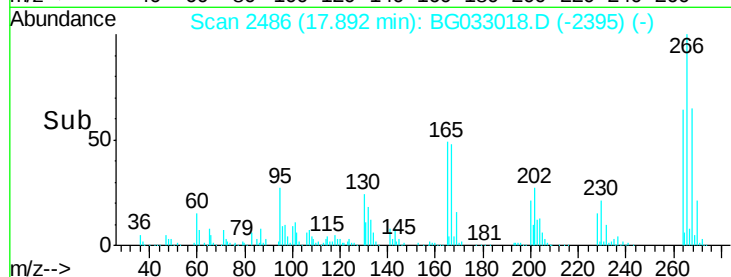
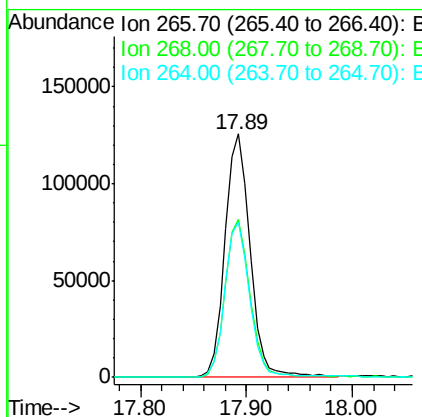
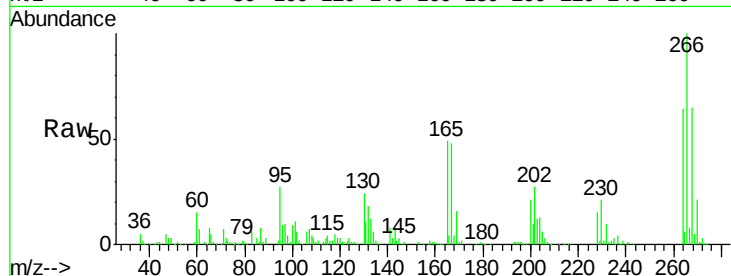
#69
 Pentachlorophenol
 Concen: 84.508 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.1	76.7
264	64.0	49.6	74.4

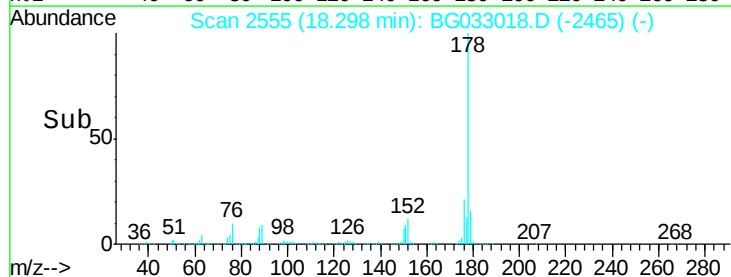
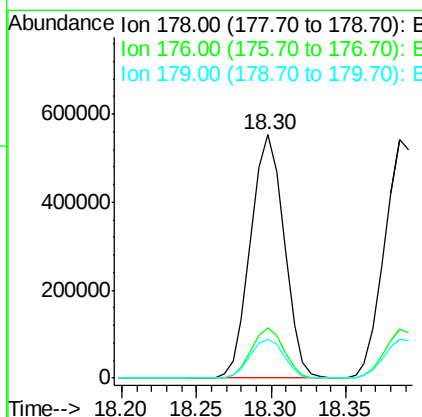
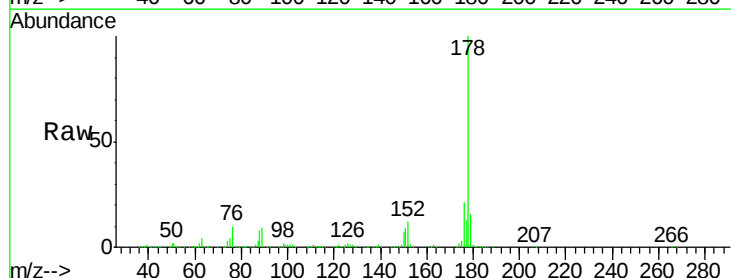
Manual Integrations
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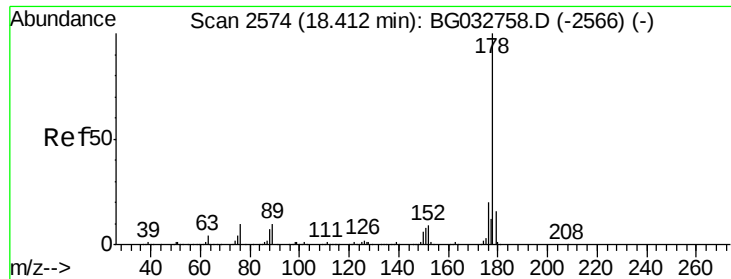
Sohil
 3/7/2018 12:10:54 PM



#70
 Phenanthrene
 Concen: 45.223 ng
 RT: 18.30 min Scan# 2555
 Delta R.T. -0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.7	23.5
179	15.9	12.5	18.7





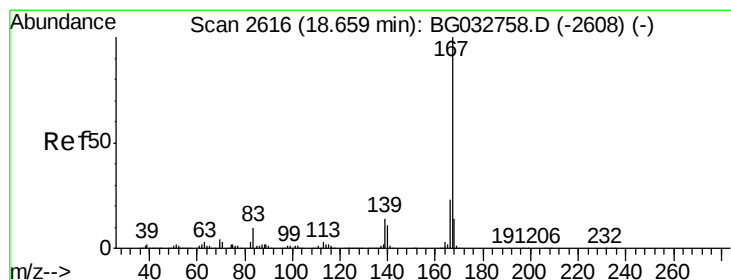
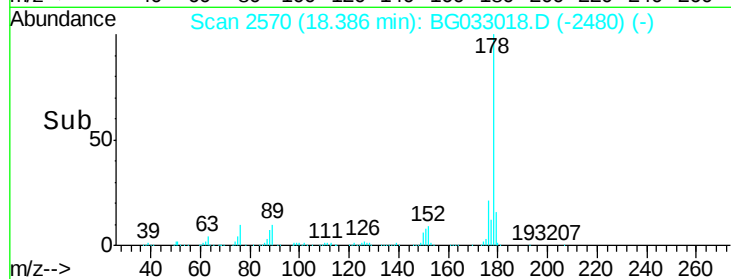
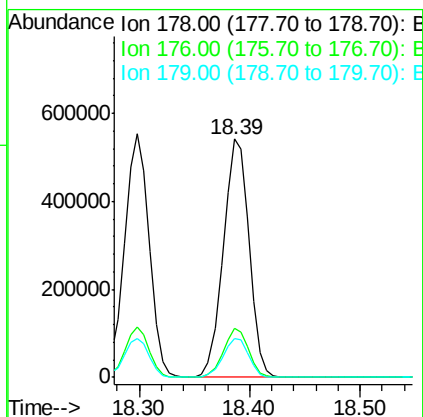
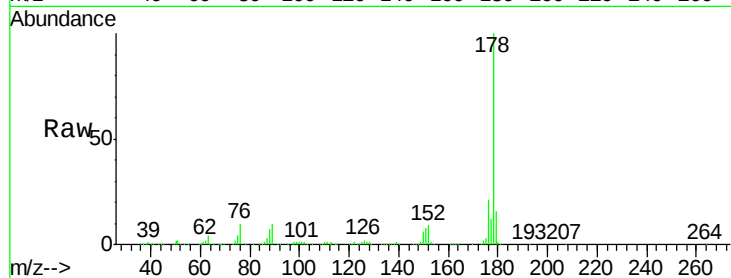
#71
 Anthracene
 Concen: 46.098 ng
 RT: 18.39 min Scan# 2570
 Delta R.T. -0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.0	24.0
179	16.3	12.5	18.7

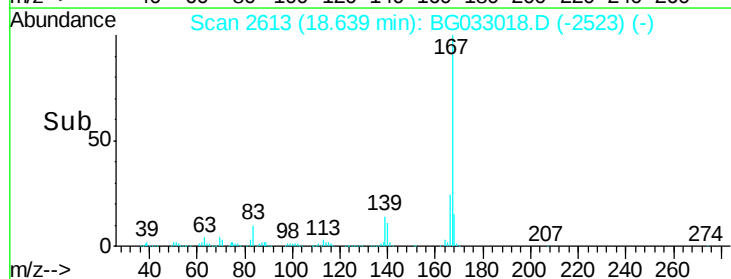
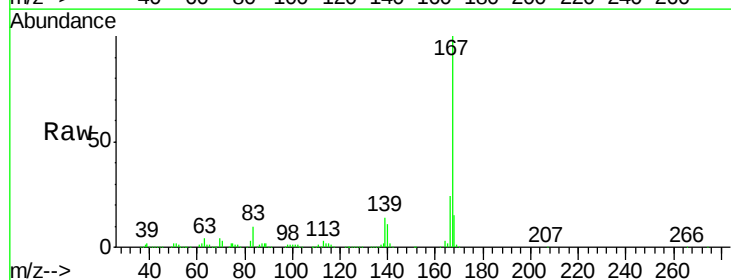
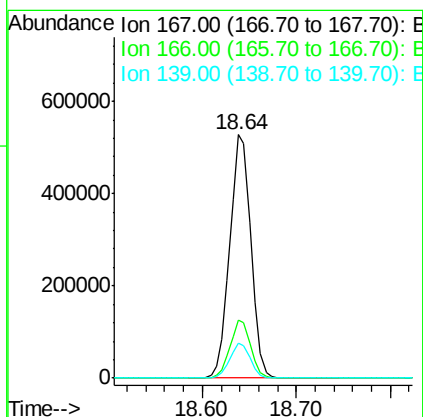
Manual Integrations
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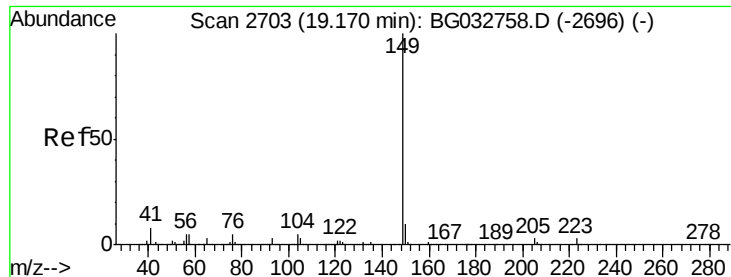
Sohil
 3/7/2018 12:10:54 PM



#72
 Carbazole
 Concen: 43.708 ng
 RT: 18.64 min Scan# 2613
 Delta R.T. -0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

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





#73

Di-n-butylphthalate

Concen: 44.845 ng

RT: 19.14 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MS

Tot Ion:149 Resp: 1036402

Ion Ratio Lower Upper

149 100

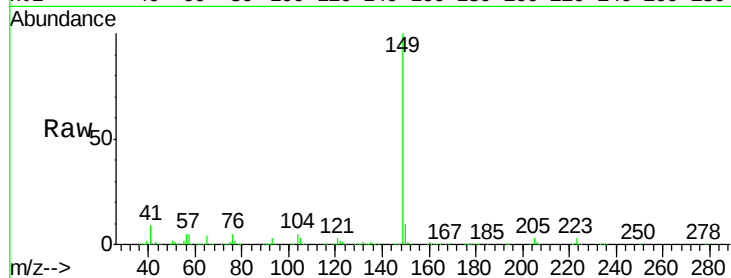
150 10.1 7.8 11.6

104 5.2 3.9 5.9

Manual Integrations
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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

1000000

800000

600000

400000

200000

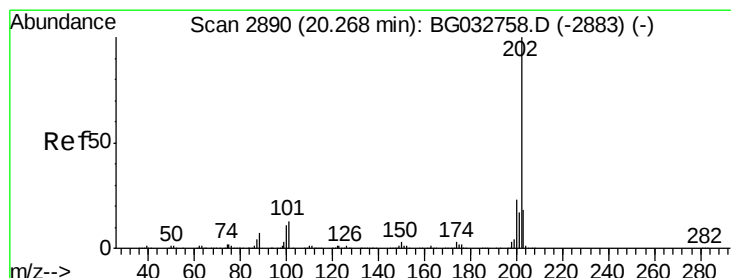
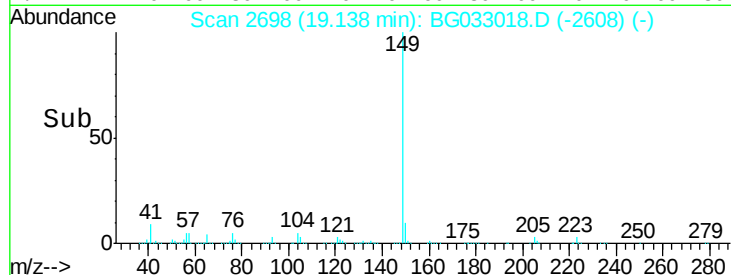
0

19.14

19.10

19.20

Time-->



#74

Fluoranthene

Concen: 45.664 ng

RT: 20.25 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

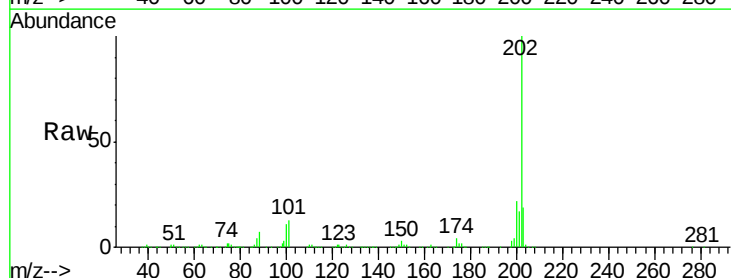
Tgt Ion:202 Resp: 960275

Ion Ratio Lower Upper

202 100

101 13.5 0.0 28.9

203 19.0 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

800000

600000

400000

200000

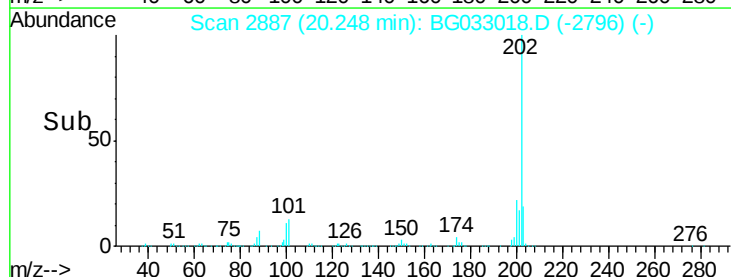
0

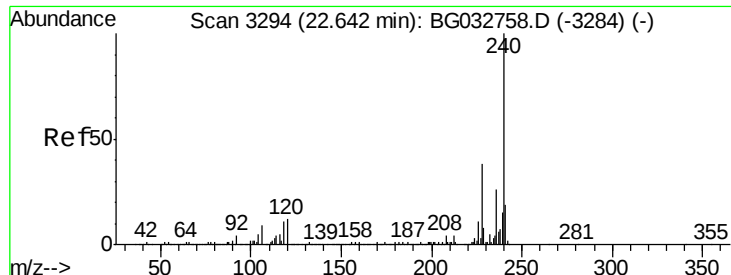
20.25

20.20

20.30

Time-->





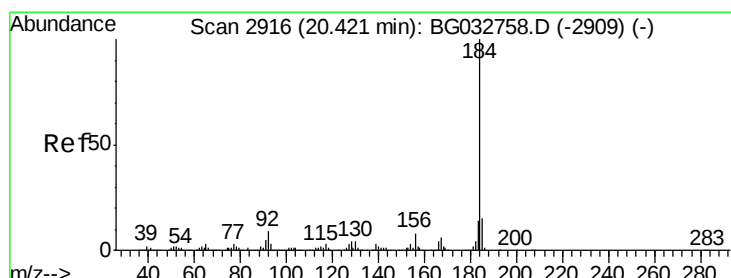
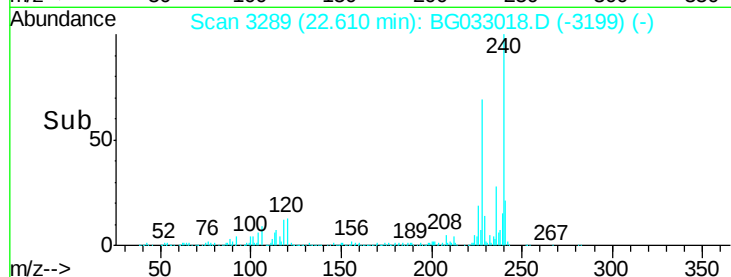
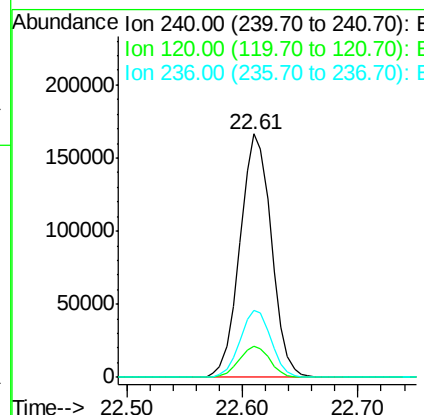
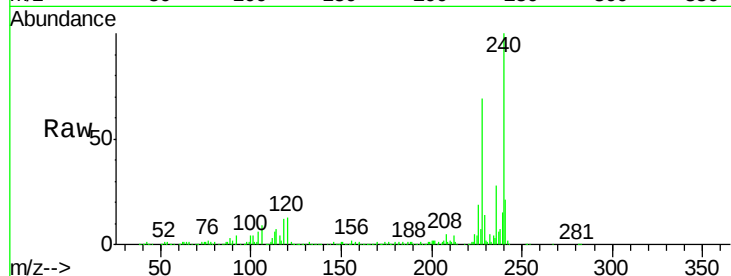
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.9	6.8	10.2#
236	27.6	20.9	31.3

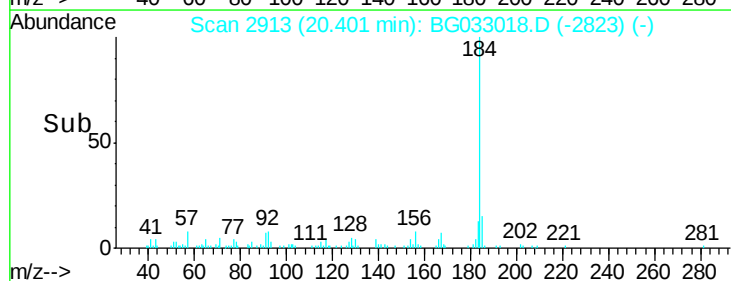
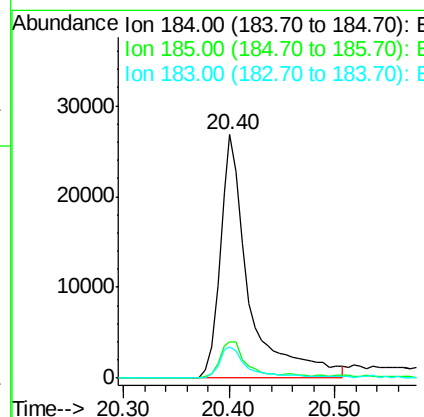
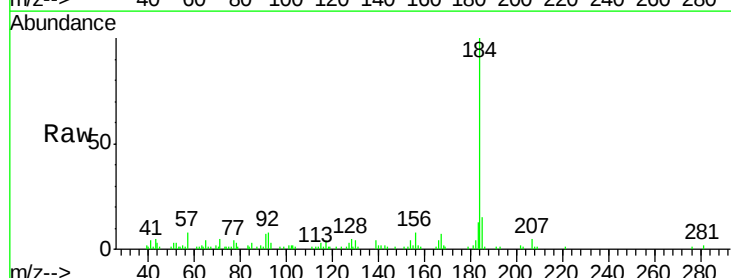
Manual Integrations
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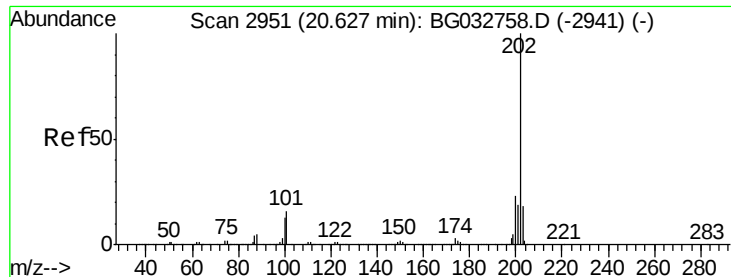
Sohil
3/7/2018 12:10:54 PM



#76
Benzidine
Concen: 4.767 ng
RT: 20.40 min Scan# 2913
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.1	16.7
183	12.9	10.6	16.0





#77

Pvrene

Concen: 43.703 ng

RT: 20.61 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Instrument :

BNA_G

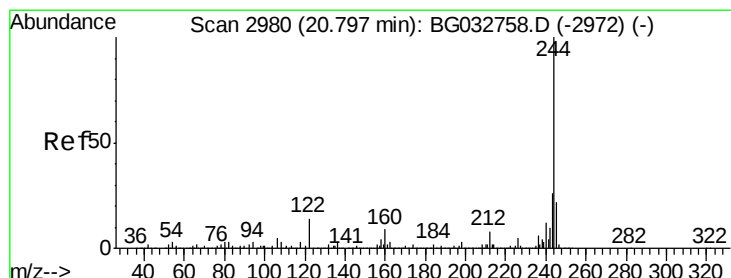
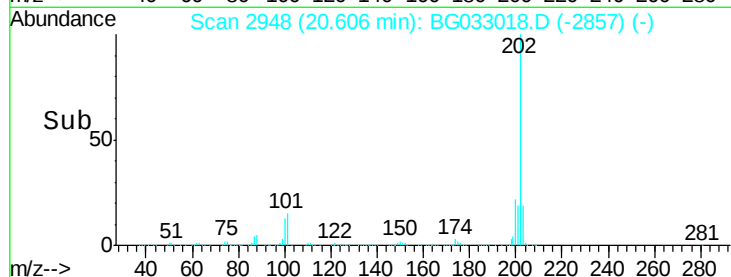
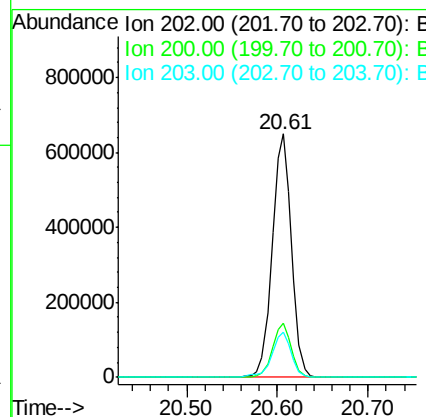
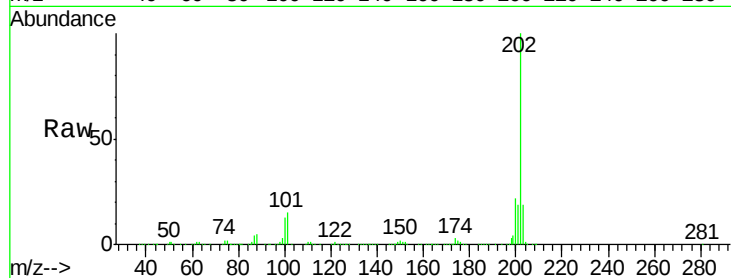
ClientSampleId :

OK-01-022218MS

Tot Ion:	202	Resp:	967858
Ion Ratio		Lower	Upper
202	100		
200	22.1	16.9	25.3
203	18.5	13.9	20.9

Manual Integrations
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Sohil
3/7/2018 12:10:54 PM



#78

Terphenyl-d14

Concen: 96.614 ng

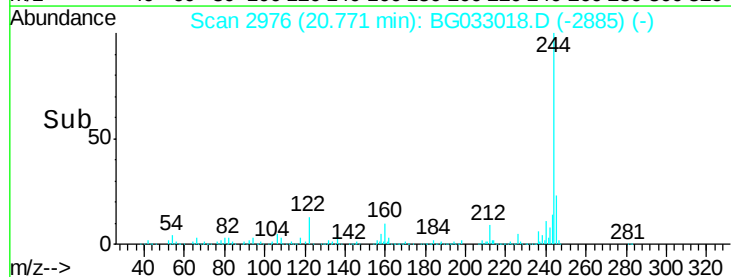
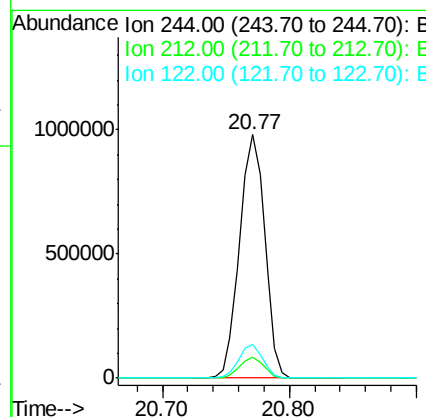
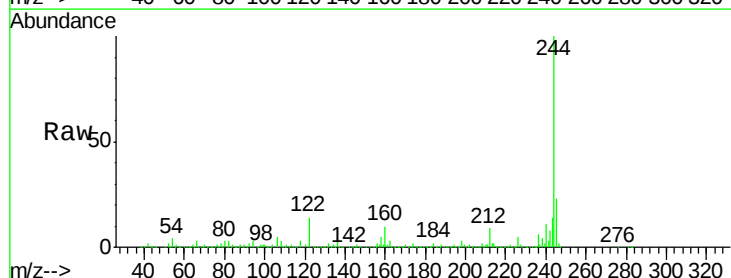
RT: 20.77 min Scan# 2976

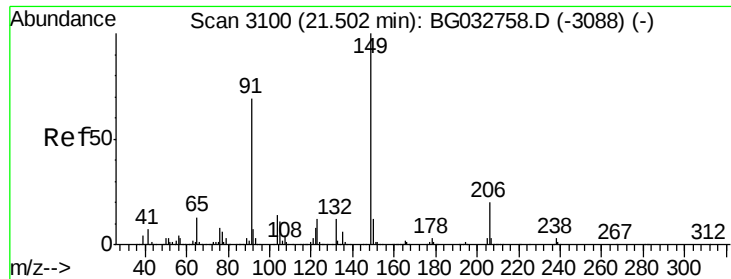
Delta R.T. 0.00 min

Lab File: BG033018.D

Acq: 6 Mar 2018 12:28

Tgt Ion:	244	Resp:	1350426
Ion Ratio		Lower	Upper
244	100		
212	8.8	5.8	8.8
122	13.8	7.0	10.4#





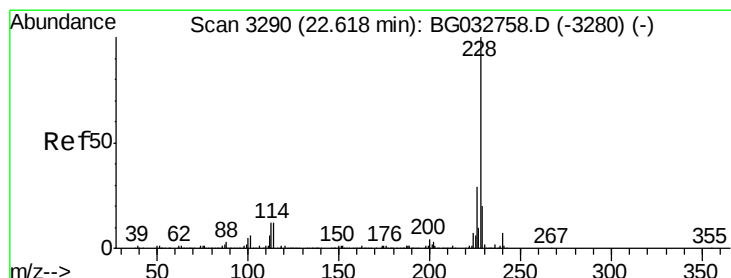
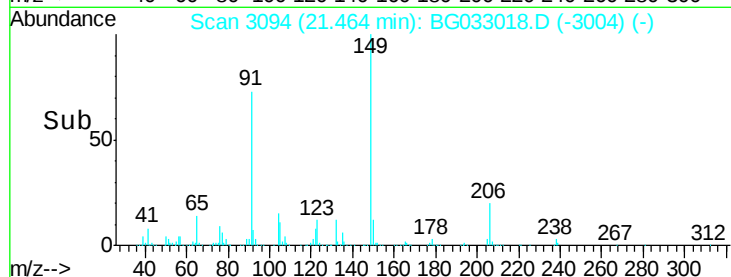
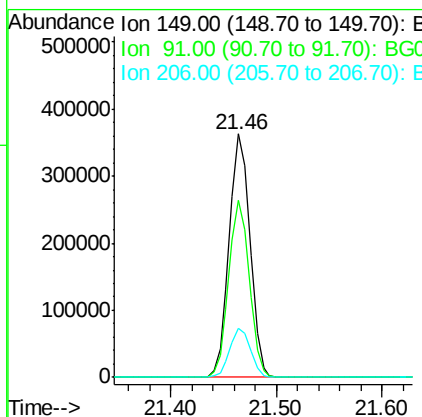
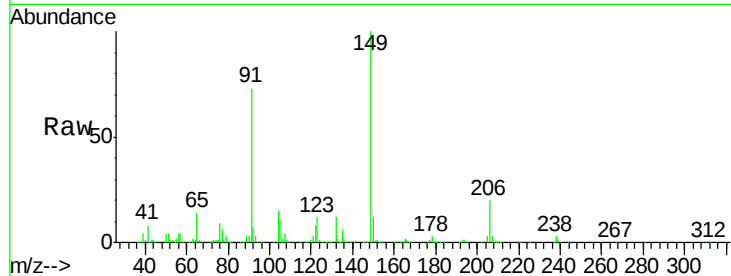
#79
Butylbenzylphthalate
Concen: 50.388 ng
RT: 21.46 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	494755		
91	72.9	62.2	93.2	
206	19.9	18.6	27.8	

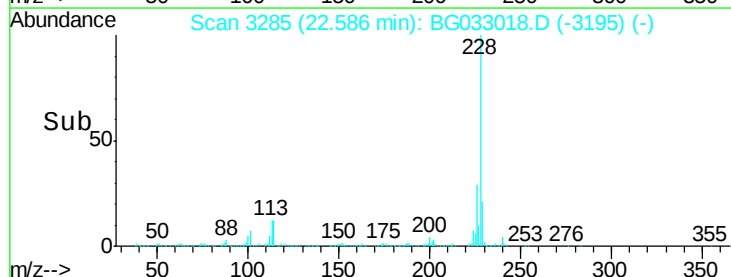
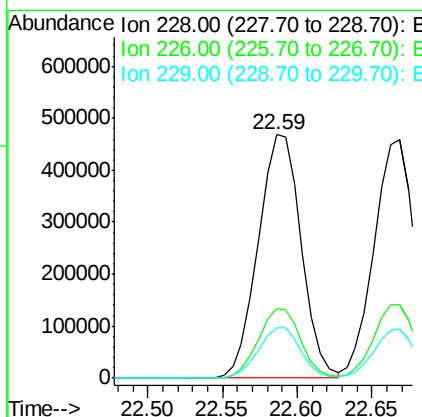
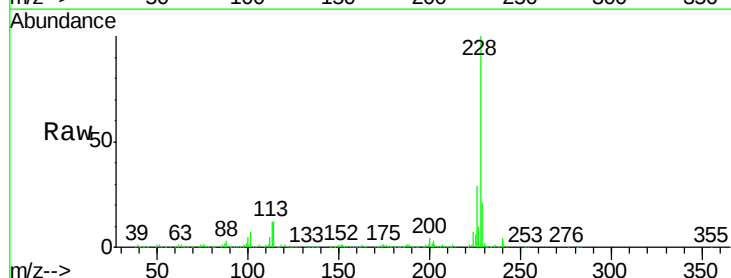
Manual Integrations
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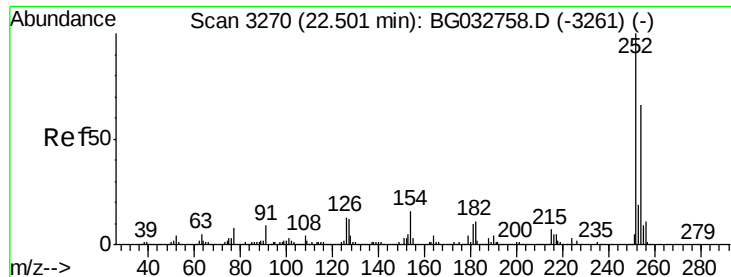
Sohil
3/7/2018 12:10:54 PM



#80
Benzo(a)anthracene
Concen: 46.357 ng
RT: 22.59 min Scan# 3285
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	933532		
226	28.5	22.7	34.1	
229	20.9	16.2	24.2	





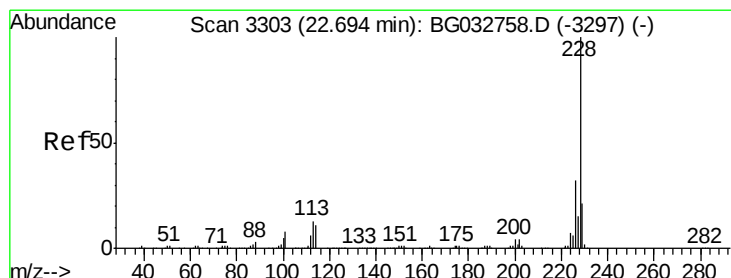
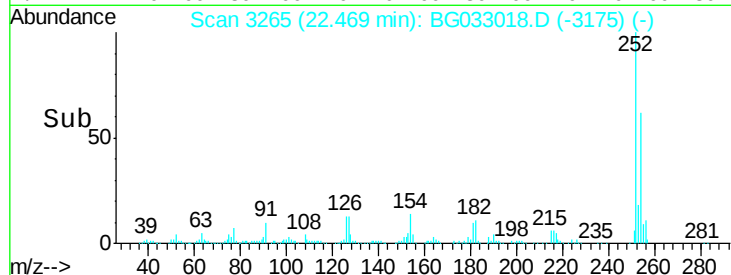
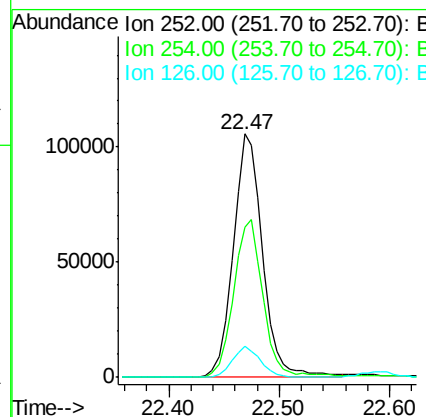
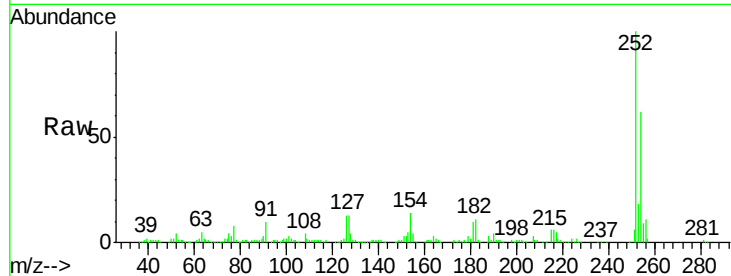
#81
 3,3'-Dichlorobenzidine
 Concen: 26.404 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. -0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	61.9	50.8	76.2
126	13.0	7.4	11.2

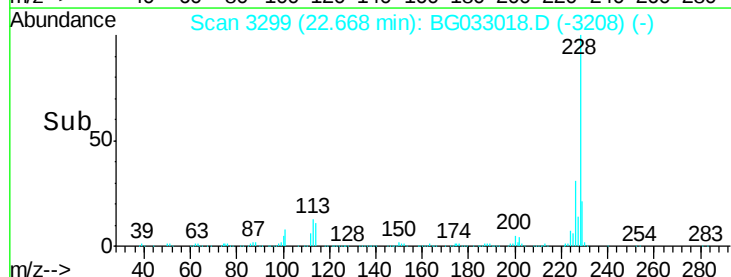
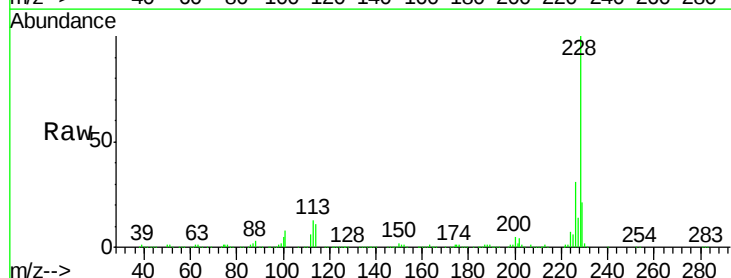
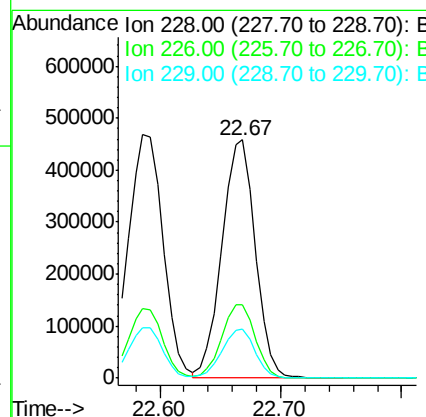
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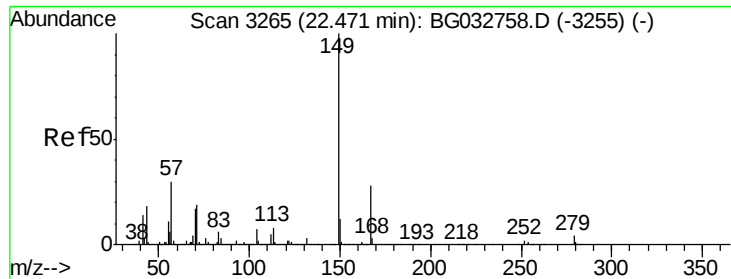
Sohil
 3/7/2018 12:10:54 PM



#82
 Chrysene
 Concen: 45.205 ng
 RT: 22.67 min Scan# 3299
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.7	15.0	22.4





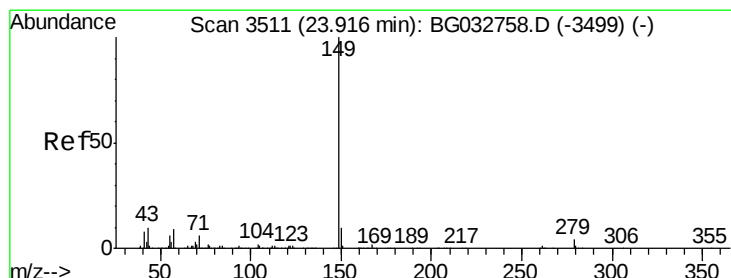
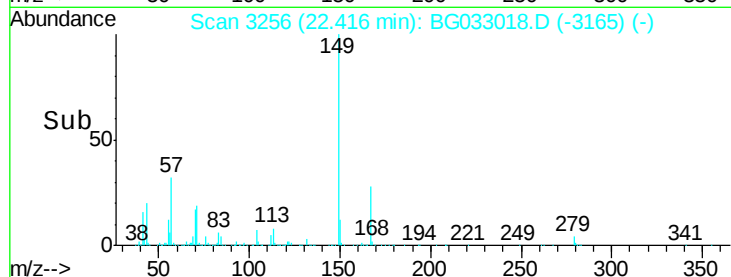
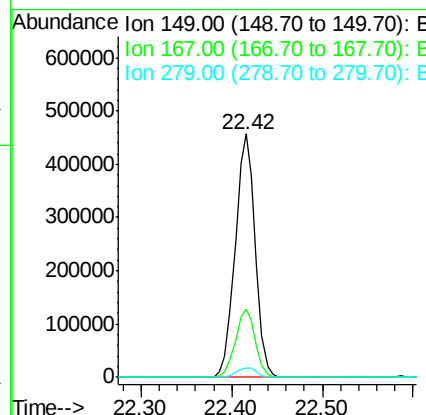
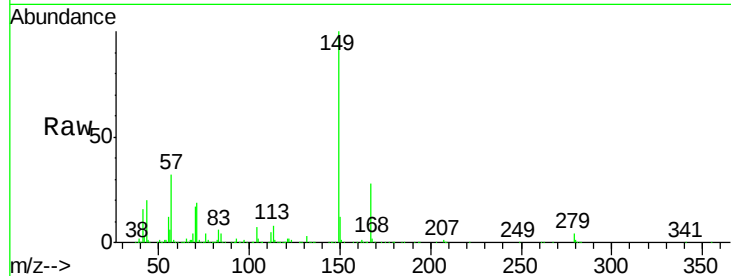
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.217 ng
 RT: 22.42 min Scan# 3256
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.9	24.3	36.5
279	4.0	4.0	6.0

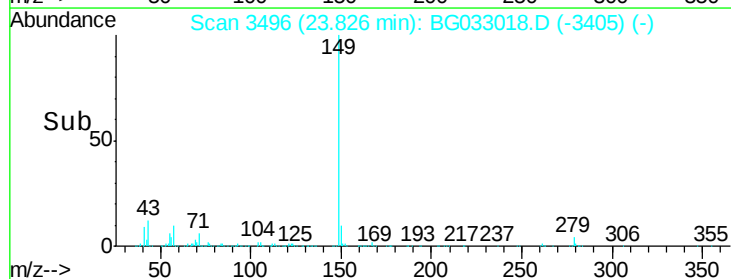
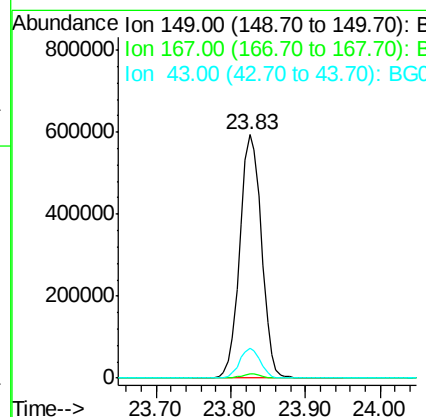
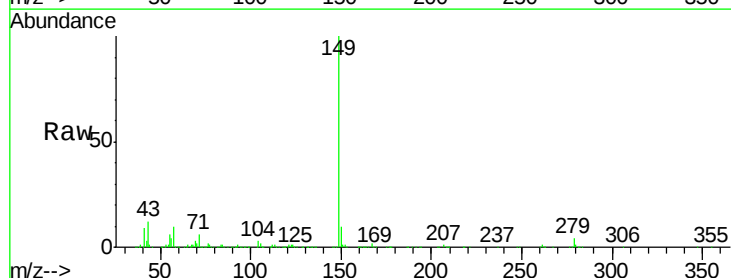
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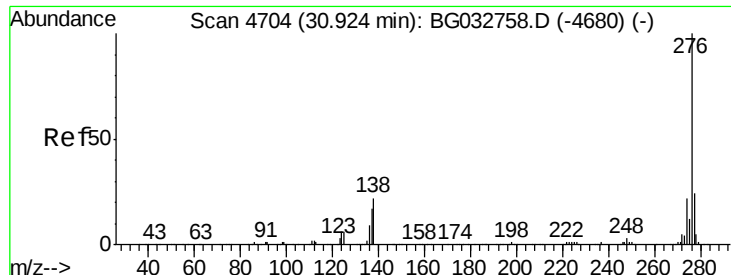
Sohil
 3/7/2018 12:10:54 PM



#84
 Di-n-octyl phthalate
 Concen: 54.011 ng
 RT: 23.83 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	11.7	8.9	13.3





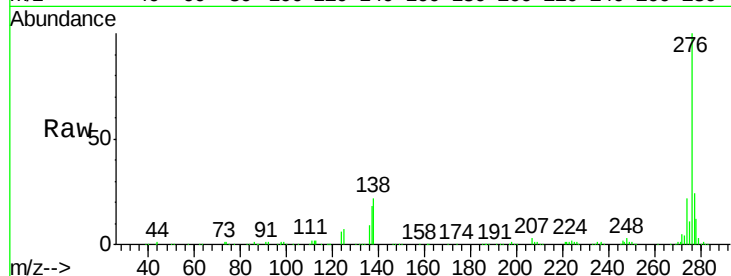
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.933 ng
RT: 30.83 min Scan# 4689
Delta R.T. 0.01 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

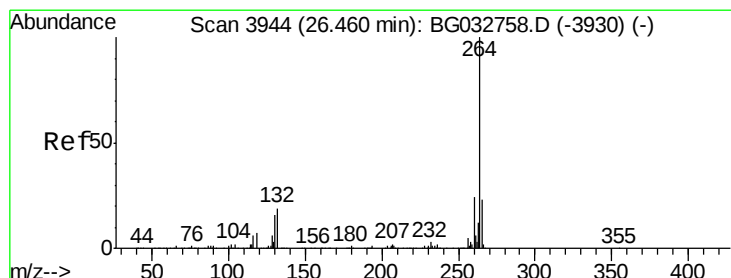
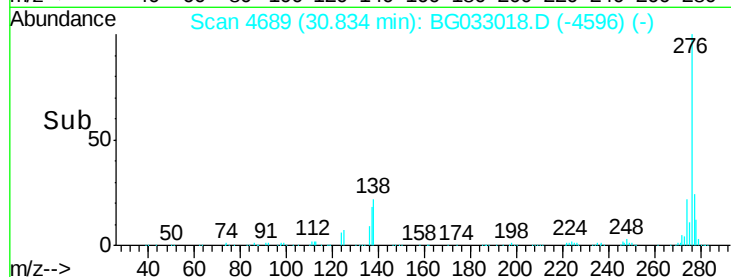
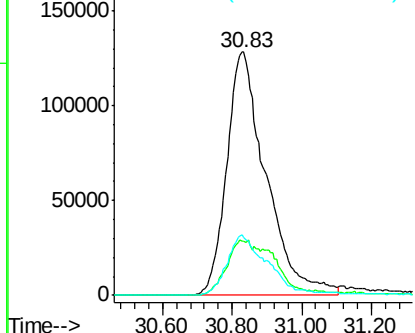
Tot Ion	Ratio	Lower	Upper
276	100		
138	14.1	16.0	24.0#
277	25.6	20.0	30.0

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Sohil
3/7/2018 12:10:54 PM



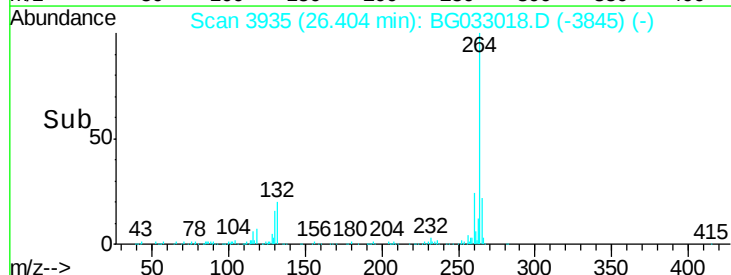
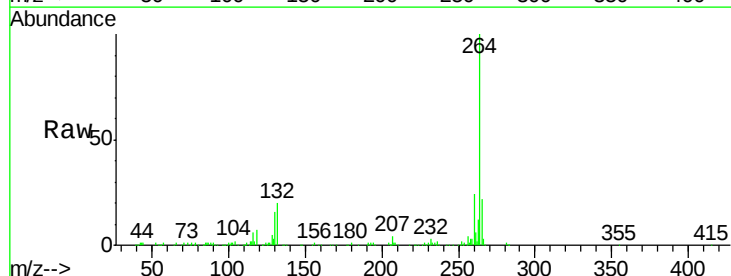
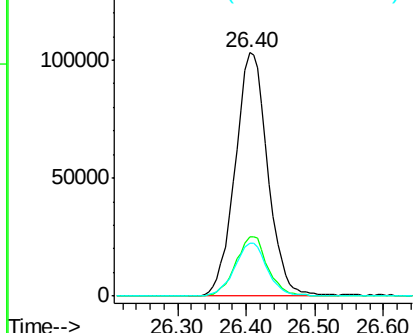
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

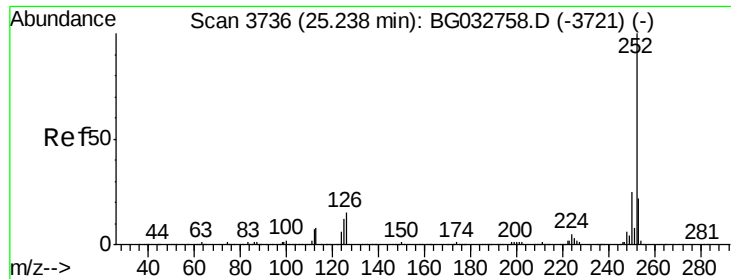


#86
Perylene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.6	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





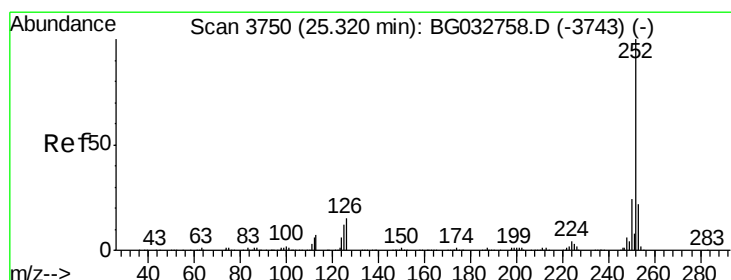
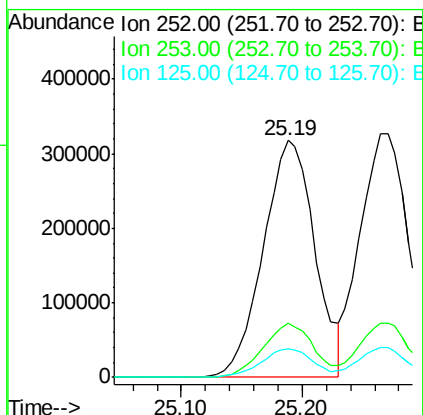
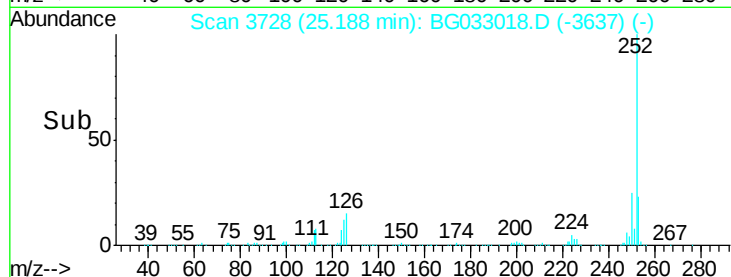
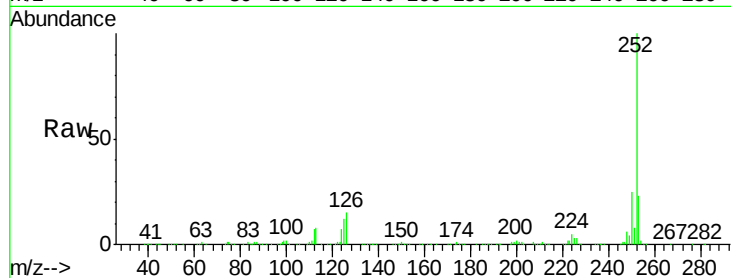
#87
Benzo(b)fluoranthene
Concen: 46.651 ng
RT: 25.19 min Scan# 3728
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	12.3	7.2	10.8

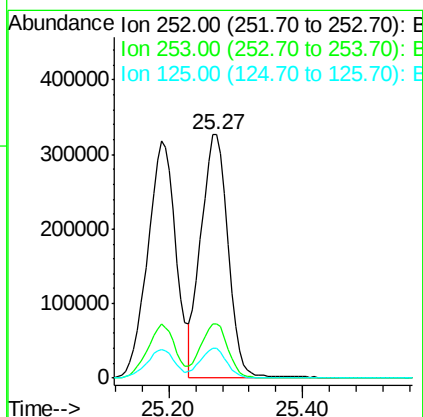
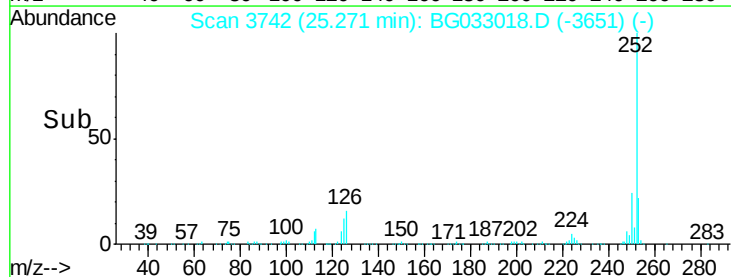
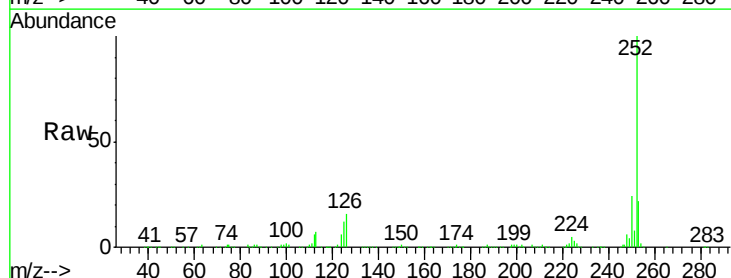
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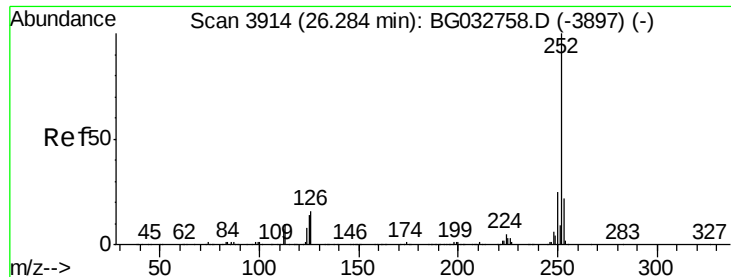
Sohil
3/7/2018 12:10:54 PM



#88
Benzo(k)fluoranthene
Concen: 45.671 ng
RT: 25.27 min Scan# 3742
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	12.1	6.6	9.8





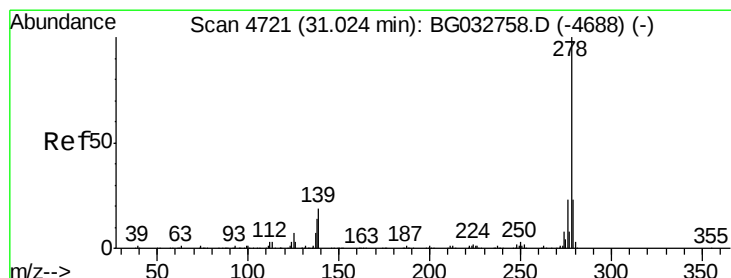
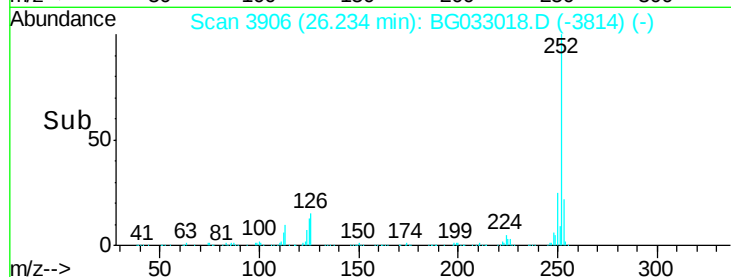
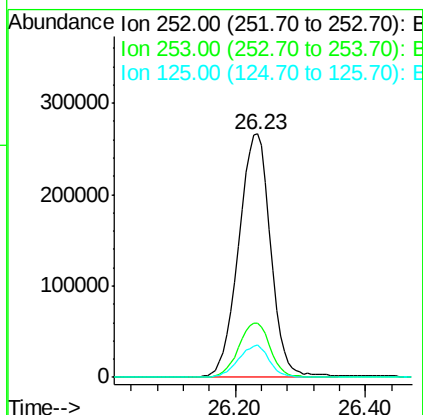
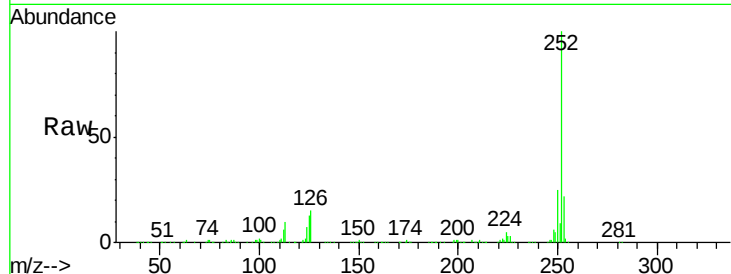
#89
Benzo(a)pyrene
Concen: 47.168 ng
RT: 26.23 min Scan# 3906
Delta R.T. 0.01 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.3	27.5
125	13.4	7.3	10.9#

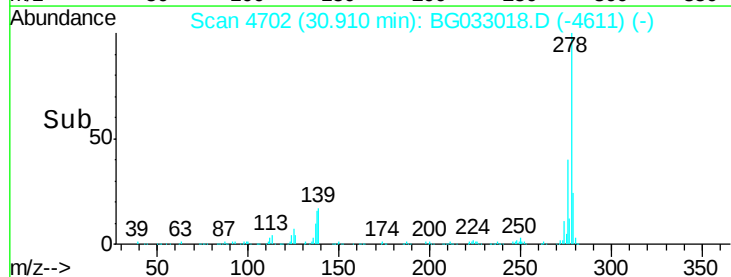
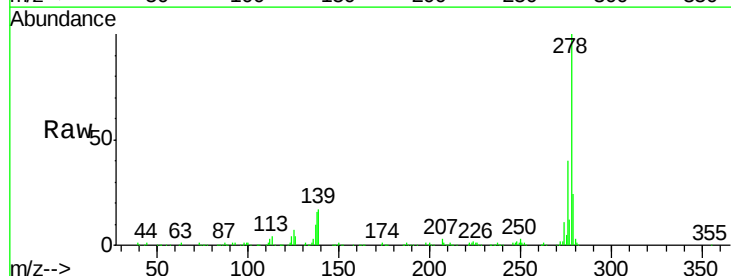
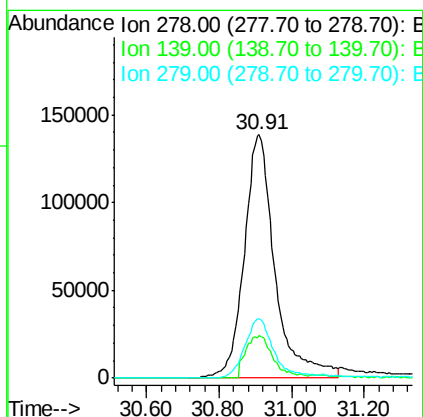
Manual Integrations
APPROVED

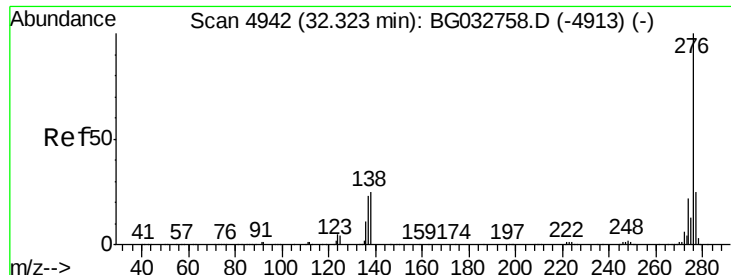
Sohil
3/7/2018 12:10:54 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.391 ng
RT: 30.91 min Scan# 4702
Delta R.T. 0.00 min
Lab File: BG033018.D
Acq: 6 Mar 2018 12:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	9.8	14.6#
279	24.3	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 44.156 ng
 RT: 32.22 min Scan# 4925
 Delta R.T. 0.01 min
 Lab File: BG033018.D
 Acq: 6 Mar 2018 12:28

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.2	18.3	27.5	
138	24.2	13.9	20.9	

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