

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032159.D
 Acq On : 19 Jan 2018 19:44
 Operator : SJ/JU
 Sample : J1010-07MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-011718MSD

Manual Integrations
 APPROVED

Sohil
 1/22/2018 5:27:15 PM

Quant Time: Jan 20 00:11:50 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	45444	20.00	ng	0.00
21) Naphthalene-d8	11.63	136	193563	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	139170	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	359215	20.00	ng	0.00
75) Chrysene-d12	22.45	240	421662	20.00	ng	0.00
86) Perylene-d12	26.15	264	443682	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.17	112	359230	144.58	ng	0.00
7) Phenol-d6	7.85	99	432562	138.23	ng	0.00
23) Nitrobenzene-d5	9.94	82	297723	104.06	ng	0.00
41) 2,4,6-Tribromophenol	16.86	330	353423	153.47	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	1031898	91.94	ng	0.00
78) Terphenyl-d14	20.65	244	1888731	98.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.83	88	26750	28.023	ng	# 71
3) Pyridine	4.29	79	79476	31.191	ng	# 83
4) n-Nitrosodimethylamine	4.19	42	49553	55.356	ng	# 85
6) Aniline	8.04	93	48785	12.360	ng	98
8) 2-Chlorophenol	8.29	128	138696	49.884	ng	84
9) Benzaldehyde	7.84	77	7015	3.869	ng	88
10) Phenol	7.88	94	138916	45.064	ng	98
11) bis(2-Chloroethyl)ether	8.13	93	108063	43.756	ng	# 83
12) 1,3-Dichlorobenzene	8.63	146	150482m	41.353	ng	
13) 1,4-Dichlorobenzene	8.78	146	152165	41.530	ng	97
14) 1,2-Dichlorobenzene	9.11	146	148890	42.014	ng	97
15) Benzyl Alcohol	8.98	79	117806	51.820	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.27	45	115024	45.829	ng	81
17) 2-Methylphenol	9.18	107	113847	48.325	ng	97
18) Hexachloroethane	9.87	117	49843	44.264	ng	# 79
19) n-Nitroso-di-n-propylamine	9.55	70	93605	48.209	ng	# 87
20) 3+4-Methylphenols	9.51	107	152917	46.855	ng	92
22) Acetophenone	9.58	105	208750	47.478	ng	# 91
24) Nitrobenzene	9.98	77	143180	50.171	ng	# 88
25) Isophorone	10.51	82	264886	49.721	ng	# 87
26) 2-Nitrophenol	10.71	139	83969	49.656	ng	# 85
27) 2,4-Dimethylphenol	10.75	122	141915	52.886	ng	96
28) bis(2-Chloroethoxy)methane	10.99	93	157590	49.097	ng	93
29) 2,4-Dichlorophenol	11.25	162	174666	52.899	ng	91
30) 1,2,4-Trichlorobenzene	11.48	180	192336	45.104	ng	93
31) Naphthalene	11.68	128	446749	46.591	ng	98
32) Benzoic acid	10.89	122	101981	47.443	ng	# 86
33) 4-Chloroaniline	11.78	127	16125	3.922	ng	95
34) Hexachlorobutadiene	11.95	225	136731	44.642	ng	97
35) Caprolactam	12.53	113	41711	41.640	ng	# 46
36) 4-Chloro-3-methylphenol	12.85	107	165963	54.913	ng	# 85
37) 2-Methylnaphthalene	13.24	142	367709	48.302	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	275888	45.478	ng	97
40) Hexachlorocyclopentadiene	13.57	237	356056	104.207	ng	93

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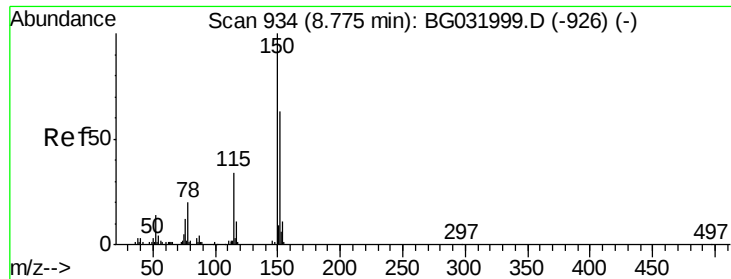
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.82	196	173894	51.016	nq	99
43) 2,4,5-Trichlorophenol	13.90	196	188885	47.874	nq #	90
45) 1,1'-Biphenyl	14.22	154	527642	44.226	nq	93
46) 2-Chloronaphthalene	14.27	162	403666	43.492	nq	96
47) 2-Nitroaniline	14.46	65	92332	51.965	nq #	66
48) Acenaphthylene	15.11	152	603416	42.694	nq	98
49) Dimethylphthalate	14.81	163	558734	45.879	nq #	99
50) 2,6-Dinitrotoluene	14.94	165	127417	50.405	nq #	70
51) Acenaphthene	15.45	154	492557	52.704	nq	96
52) 3-Nitroaniline	15.27	138	21280	9.321	nq #	68
53) 2,4-Dinitrophenol	15.47	184	174189	132.374	nq #	56
54) Dibenzofuran	15.78	168	653632	46.884	nq	99
55) 4-Nitrophenol	15.55	139	170229	102.310	nq #	79
56) 2,4-Dinitrotoluene	15.72	165	182707	53.685	nq #	67
57) Fluorene	16.42	166	528210	46.196	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.99	232	205475	56.297	nq #	85
59) Diethylphthalate	16.15	149	549525	46.544	nq	96
60) 4-Chlorophenyl-phenylether	16.39	204	334795	47.732	nq	94
61) 4-Nitroaniline	16.42	138	66397	30.317	nq #	86
62) Azobenzene	16.69	77	348990	47.226	nq	89
64) 4,6-Dinitro-2-methylphenol	16.48	198	114744	49.712	nq #	66
65) n-Nitrosodiphenylamine	16.60	169	465233	42.682	nq	98
66) 4-Bromophenyl-phenylether	17.29	248	246532	48.236	nq	96
67) Hexachlorobenzene	17.42	284	248923	44.022	nq #	91
68) Atrazine	17.53	200	150174	32.761	nq	95
69) Pentachlorophenol	17.75	266	333770	92.348	nq	98
70) Phenanthrene	18.16	178	913358	45.669	nq	99
71) Anthracene	18.24	178	947788	47.514	nq	99
72) Carbazole	18.51	167	777600	44.937	nq	99
73) Di-n-butylphthalate	19.01	149	922923	45.137	nq	100
74) Fluoranthene	20.12	202	1198677	47.869	nq	94
77) Pyrene	20.48	202	1212873	45.756	nq	97
79) Butylbenzylphthalate	21.33	149	421119	44.341	nq #	78
80) Benzo(a)anthracene	22.43	228	1248804	47.622	nq	98
81) 3,3'-Dichlorobenzidine	22.32	252	42980	4.388	nq #	98
82) Chrysene	22.50	228	1164061	46.222	nq	98
83) Bis(2-ethylhexyl)phthalate	22.27	149	579027	41.576	nq #	97
84) Di-n-octyl phthalate	23.65	149	999213	45.174	nq #	88
85) Indeno(1,2,3-cd)pyrene	30.44	276	1531083	49.678	nq #	88
87) Benzo(b)fluoranthene	24.97	252	1308656	48.797	nq #	95
88) Benzo(k)fluoranthene	25.04	252	1283486	48.977	nq #	95
89) Benzo(a)pyrene	25.98	252	1268192	49.990	nq #	96
90) Dibenzo(a,h)anthracene	30.52	278	1278238	52.287	nq #	95
91) Benzo(g,h,i)perylene	31.80	276	1241312	49.679	nq #	92

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



#1

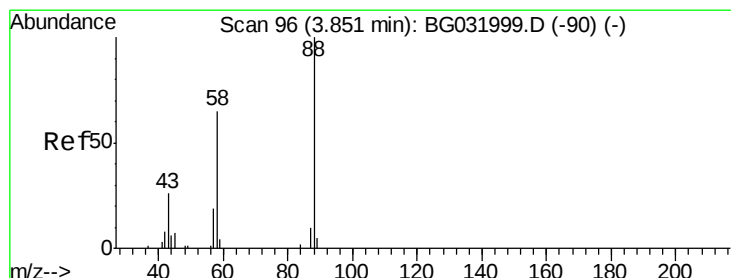
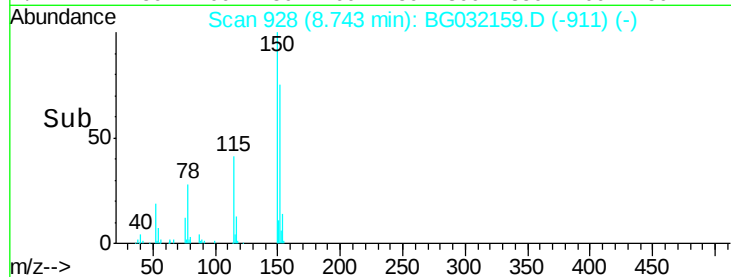
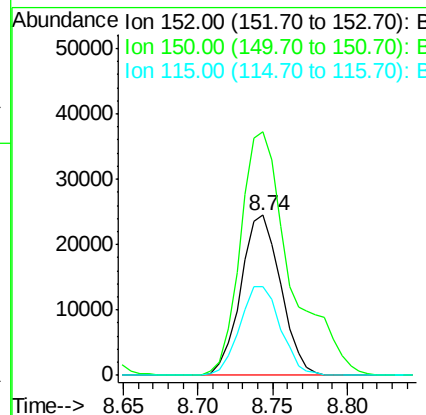
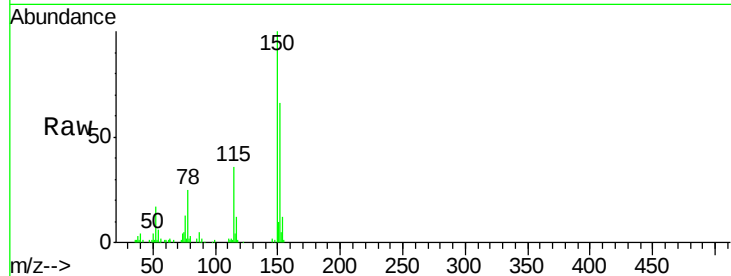
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.6	189.8
115	55.3	53.0	79.4

Manual Integrations
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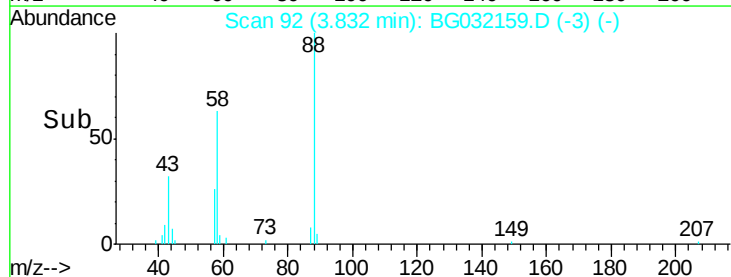
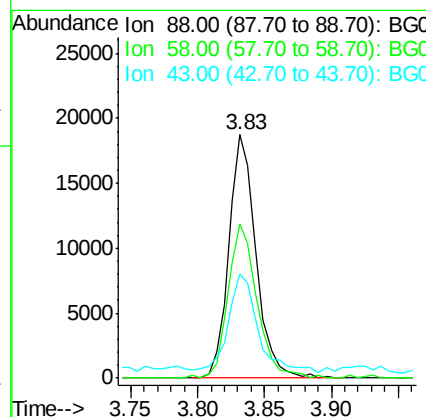
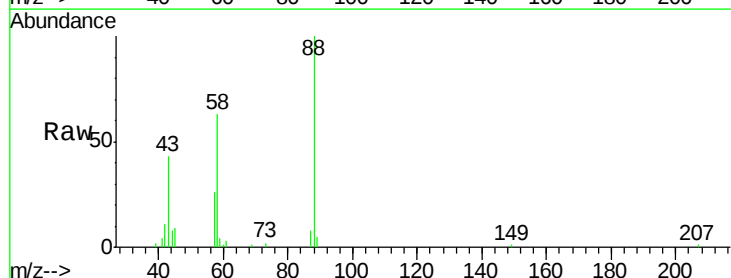
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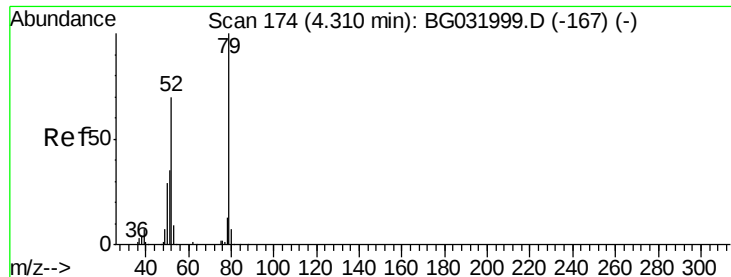


#2

1,4-Dioxane
Concen: 28.023 ng
RT: 3.83 min Scan# 92
Delta R.T. -0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.5	79.6	119.4#
43	44.7	27.4	41.0#





#3

Pvridine

Concen: 31.191 ng

RT: 4.29 min Scan# 170

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

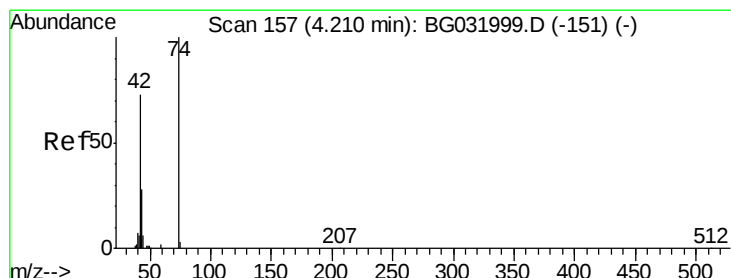
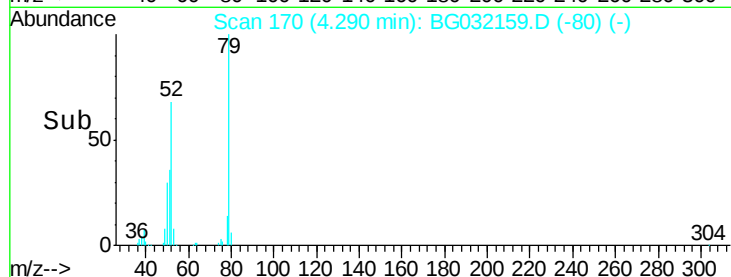
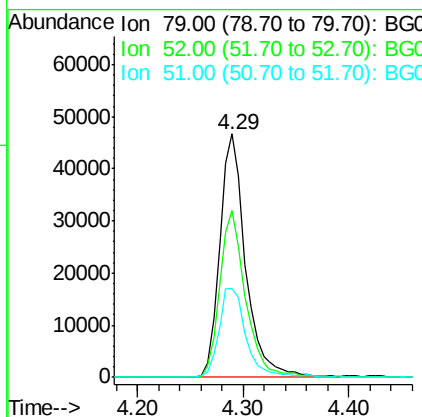
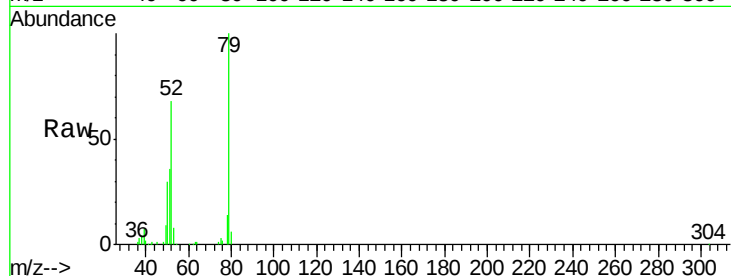
ClientSampleId :

BU-03-011718MSD

Tot Ion:	79	Resp:	79476
Ion Ratio	Lower	Upper	
79	100		
52	68.4	69.9	104.9#
51	36.4	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 55.356 ng

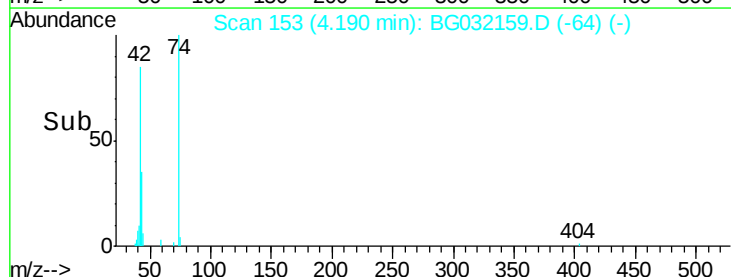
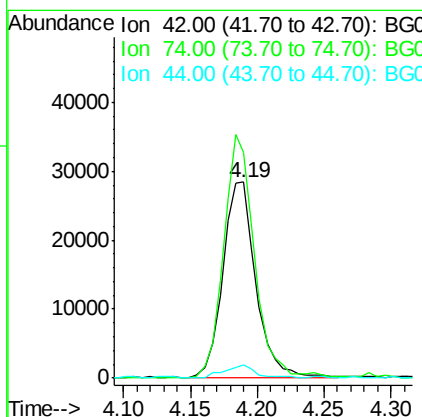
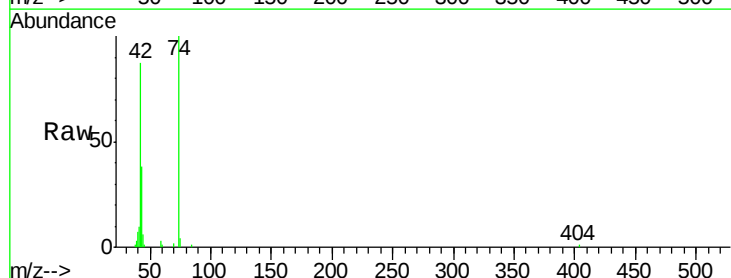
RT: 4.19 min Scan# 153

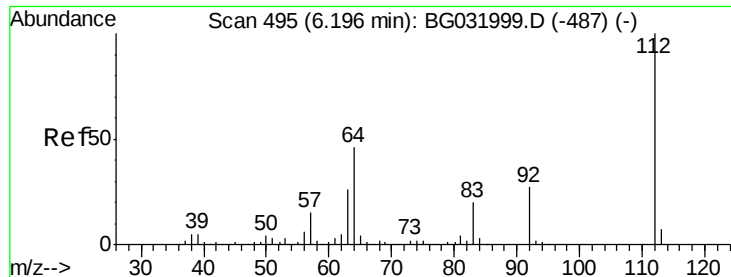
Delta R.T. -0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Tgt Ion:	42	Resp:	49553
Ion Ratio	Lower	Upper	
42	100		
74	115.4	102.5	153.7
44	6.6	18.9	28.3#





#5

2-Fluorophenol

Concen: 144.575 ng

RT: 6.17 min Scan# 490

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

BU-03-011718MSD

Tot Ion: 112 Resp: 359230

Ion Ratio Lower Upper

112 100

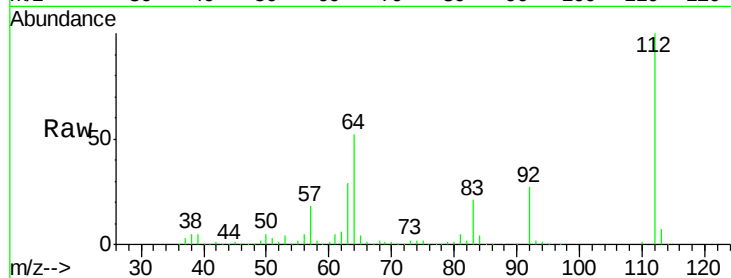
64 52.2 56.3 84.5#

63 29.5 30.1 45.1#

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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

250000

200000

150000

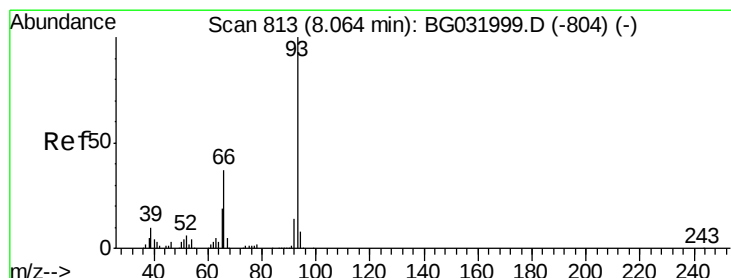
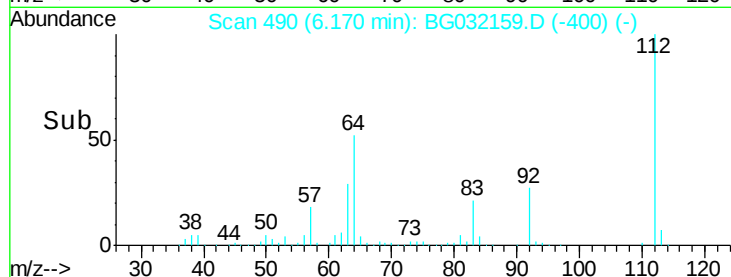
100000

50000

0

6.10 6.20 6.30

Time-->



#6

Aniline

Concen: 12.360 ng

RT: 8.04 min Scan# 808

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

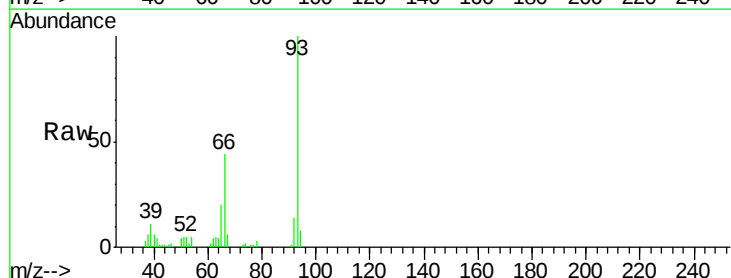
Tgt Ion: 93 Resp: 48785

Ion Ratio Lower Upper

93 100

66 44.1 33.7 50.5

65 19.8 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

80000

60000

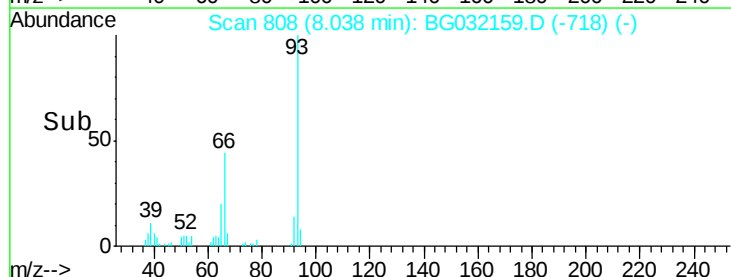
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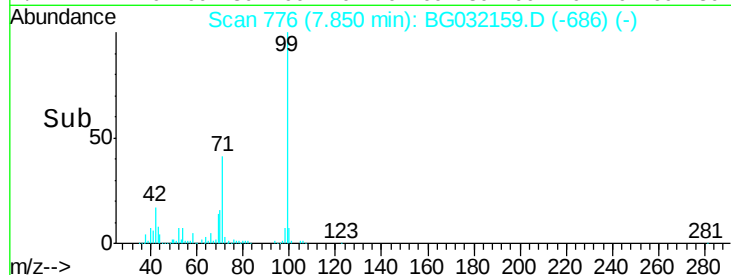
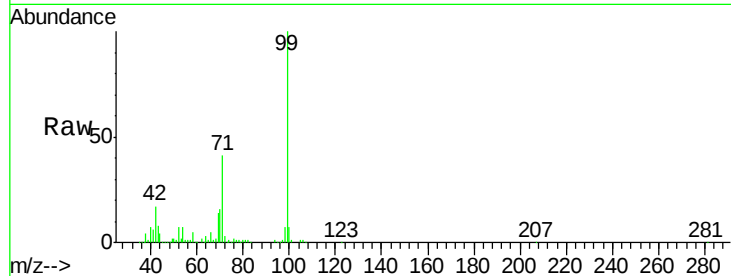
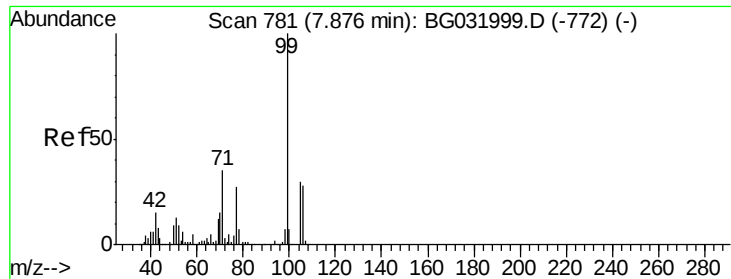
20000

0

7.95 8.00 8.05 8.10

Time-->





#7

Phenol-d6

Concen: 138.227 ng

RT: 7.85 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Tot Ion:	99	Resp:	432562
Ion Ratio	Lower	Upper	
99	100		
42	16.8	14.1	21.1
71	41.3	26.1	39.1

Instrument :

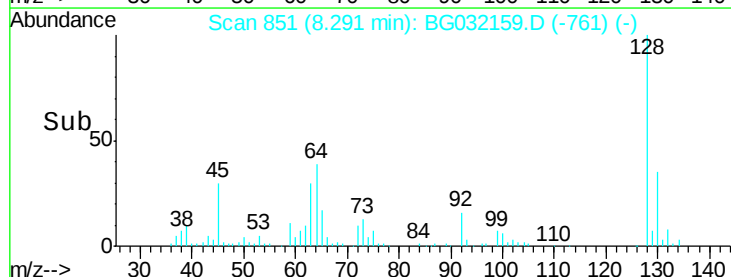
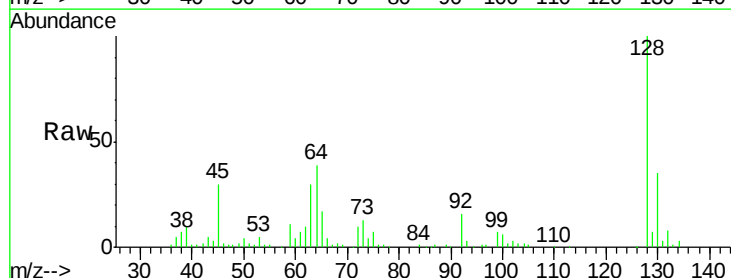
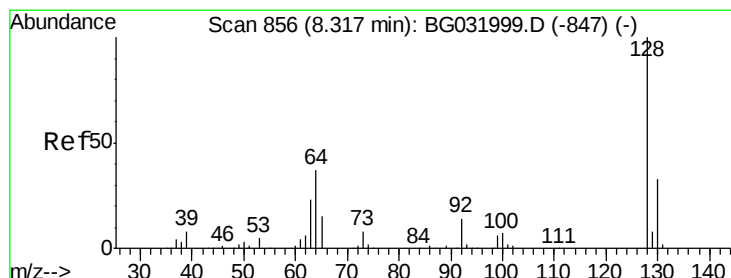
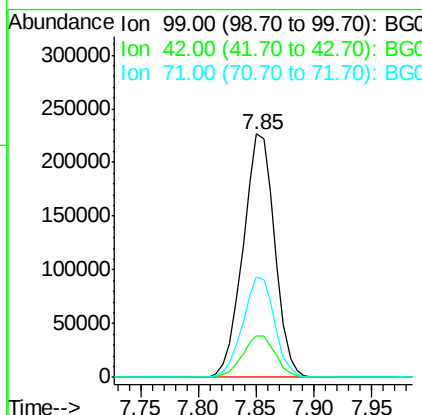
BNA_G

ClientSampleId :

BU-03-011718MSD

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#8

2-Chlorophenol

Concen: 49.884 ng

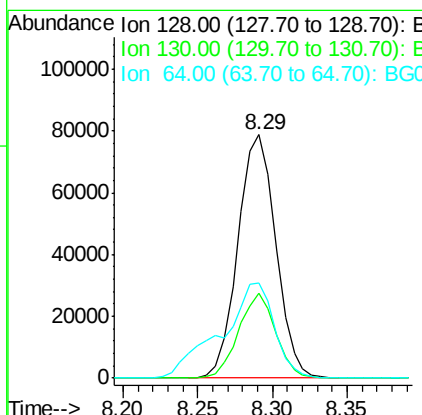
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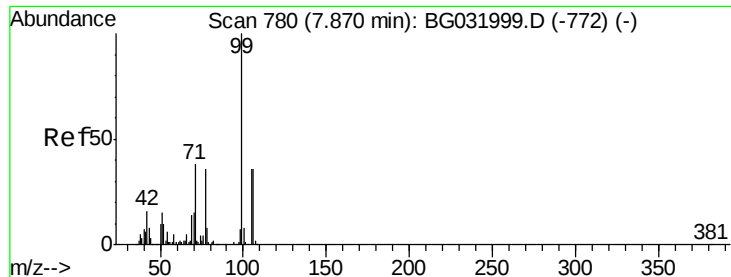
Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Tgt Ion:	128	Resp:	138696
Ion Ratio	Lower	Upper	
128	100		
130	34.7	14.0	54.0
64	39.1	37.7	77.7





#9

Benzaldehyde

Concen: 3.869 ng

RT: 7.84 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

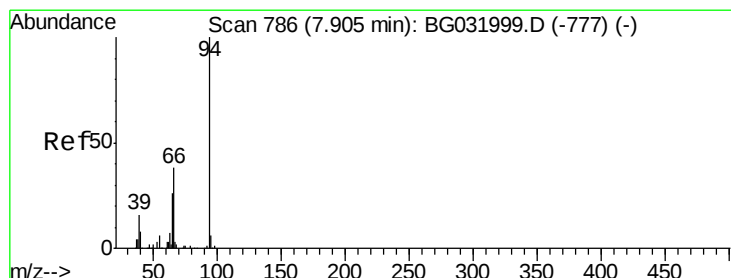
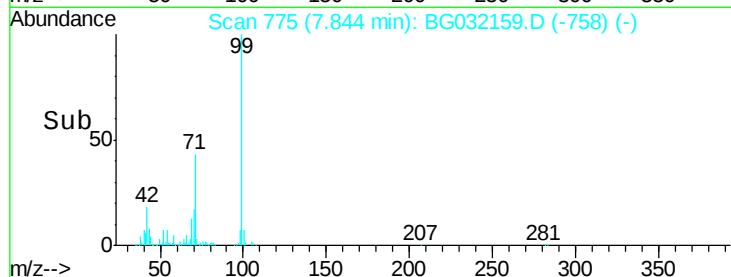
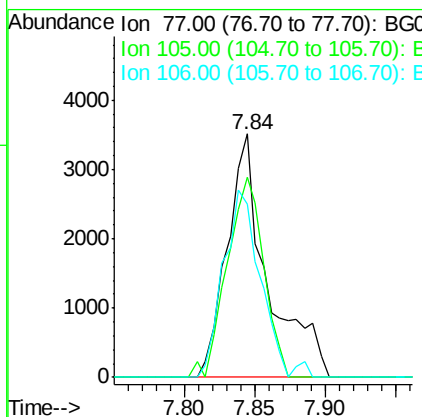
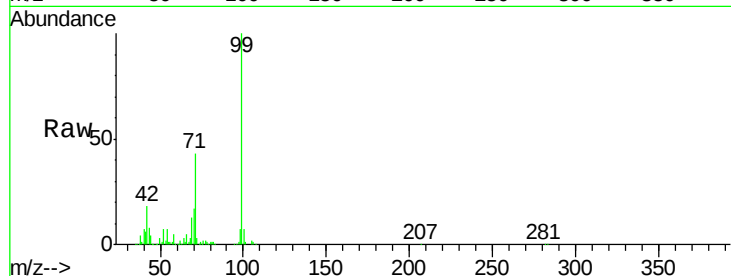
ClientSampleId :

BU-03-011718MSD

Tot Ion:	77	Resp:	7015
Ion	Ratio	Lower	Upper
77	100		
105	82.0	71.3	111.3
106	71.0	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 45.064 ng

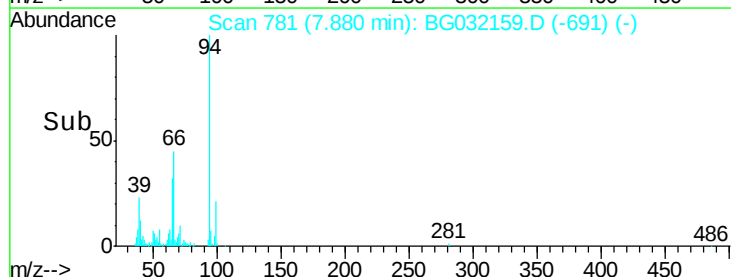
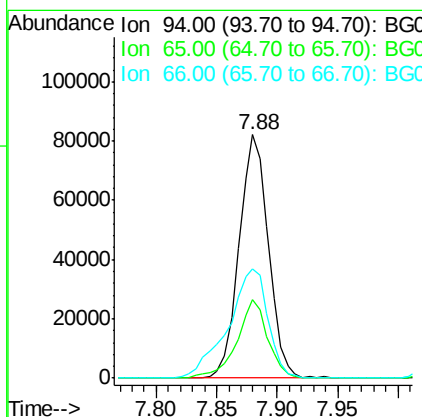
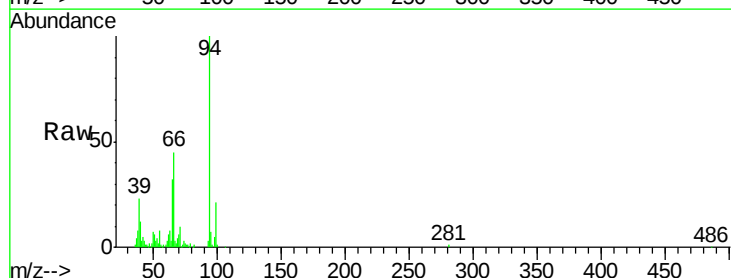
RT: 7.88 min Scan# 781

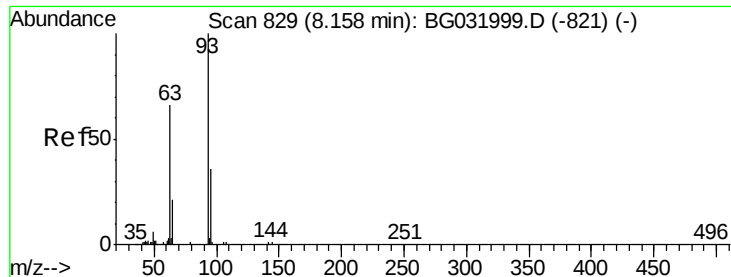
Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Tgt Ion:	94	Resp:	138916
Ion	Ratio	Lower	Upper
94	100		
65	32.3	11.9	51.9
66	44.6	22.2	62.2





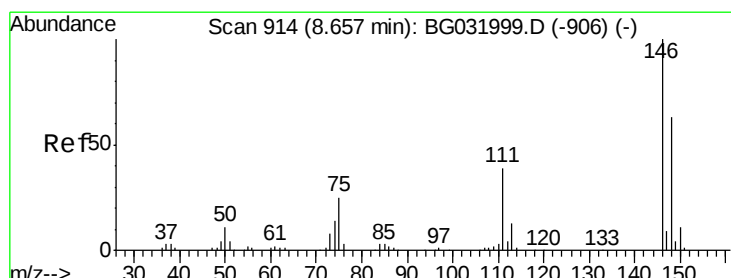
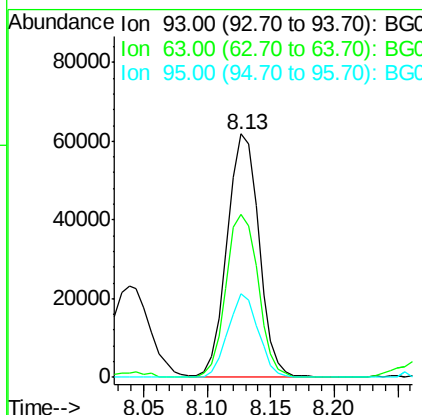
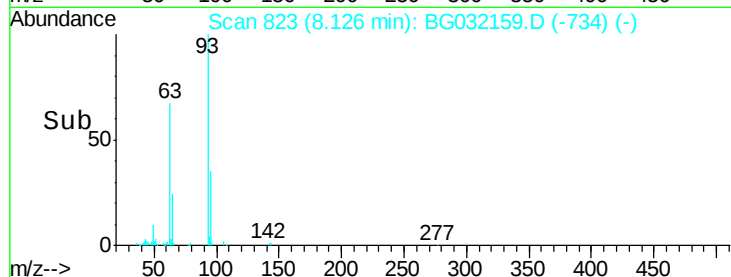
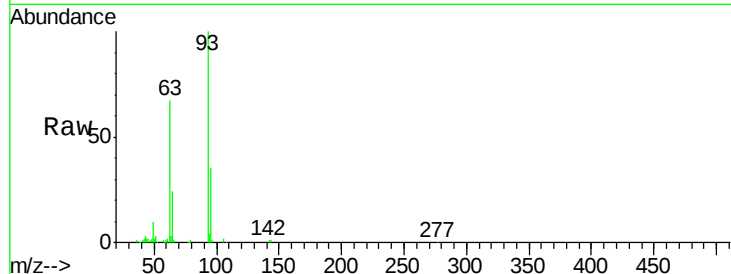
#11
bis(2-Chloroethyl)ether
Concen: 43.756 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	66.9	67.1	107.1#
95	34.5	11.5	51.5

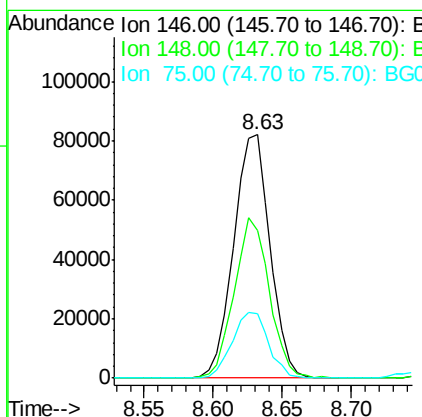
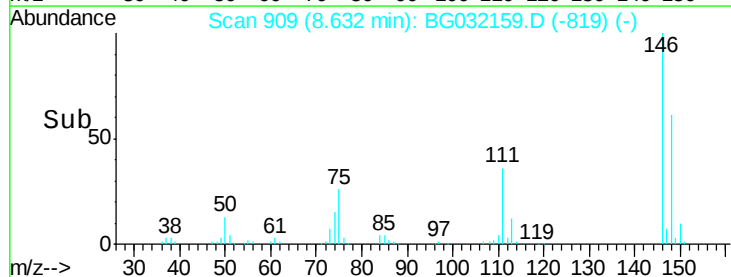
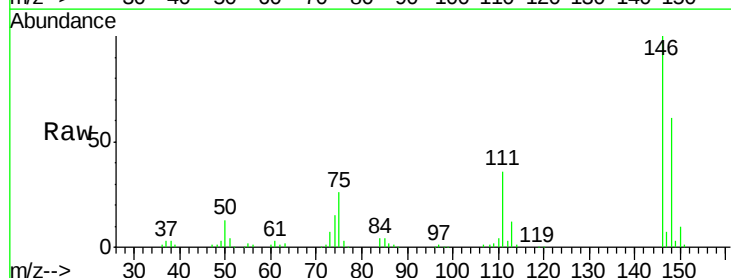
Manual Integrations
APPROVED

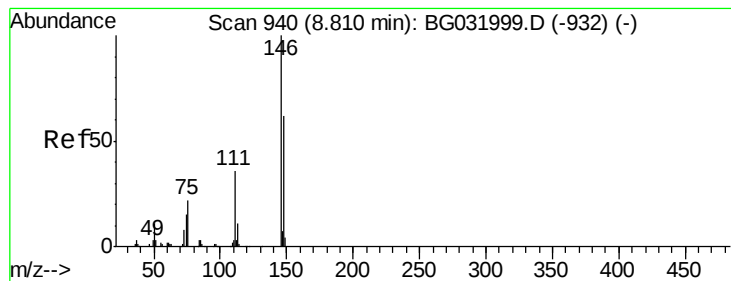
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.353 ng m
RT: 8.63 min Scan# 909
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.9	51.4	77.2
75	26.4	26.6	39.8#





#13

1,4-Dichlorobenzene

Concen: 41.530 ng

RT: 8.78 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

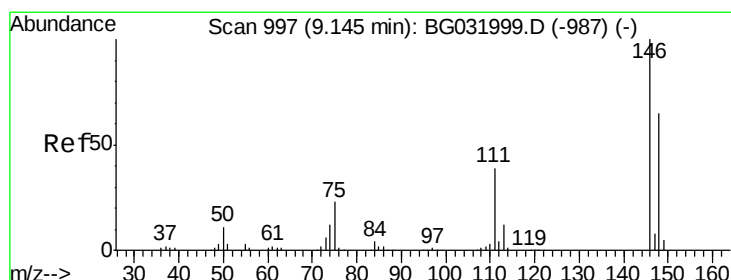
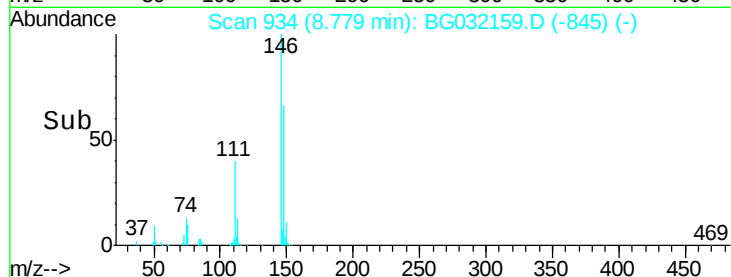
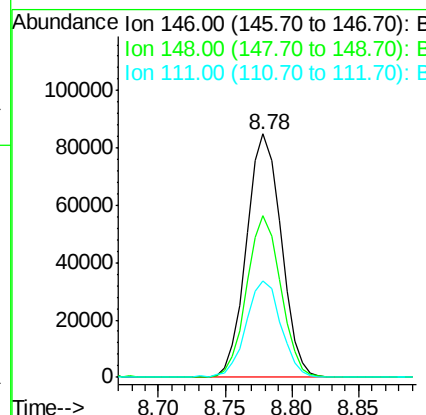
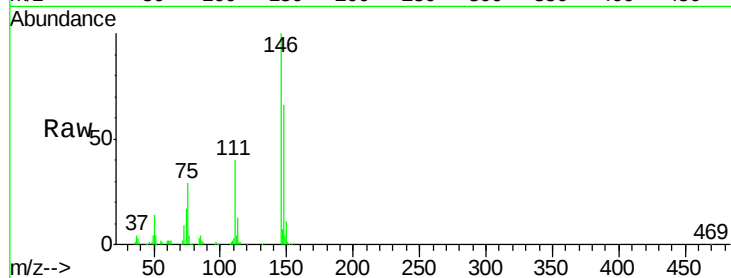
ClientSampleId :

BU-03-011718MSD

Tot Ion:	146	Resp:	152165
Ion Ratio	Lower	Upper	
146	100		
148	66.4	53.7	80.5
111	39.5	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 42.014 ng

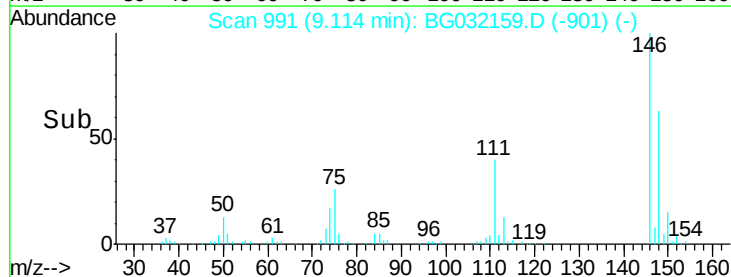
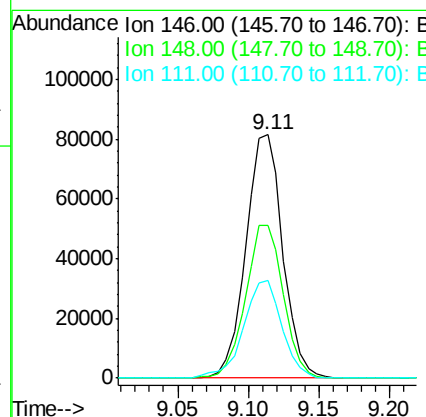
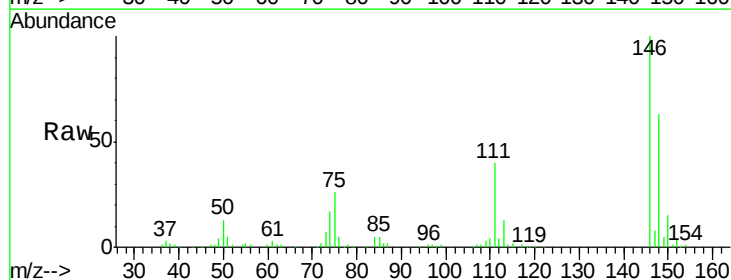
RT: 9.11 min Scan# 991

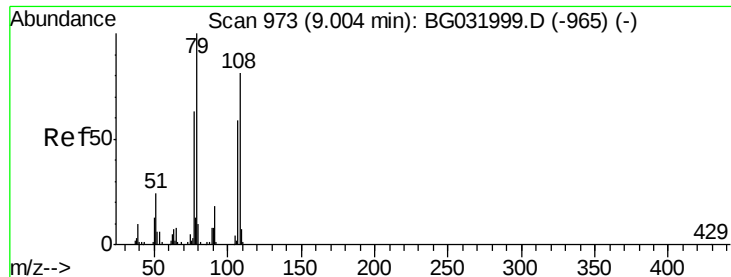
Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Tgt Ion:	146	Resp:	148890
Ion Ratio	Lower	Upper	
146	100		
148	62.8	49.3	73.9
111	39.9	34.3	51.5





#15

Benzyl Alcohol

Concen: 51.820 ng

RT: 8.98 min Scan# 968

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

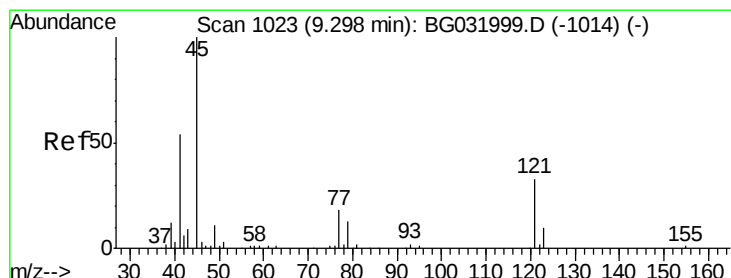
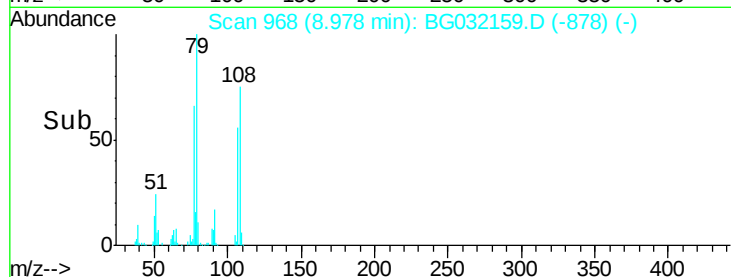
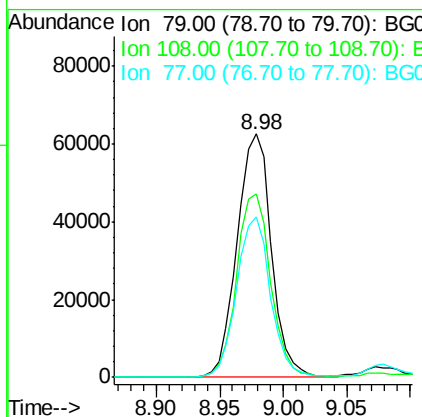
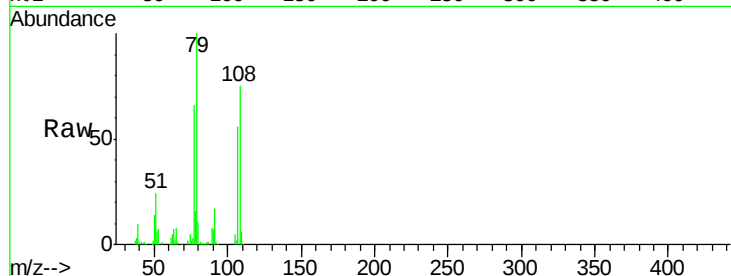
ClientSampleId :

BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.3	57.2	85.8
77	65.9	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.829 ng

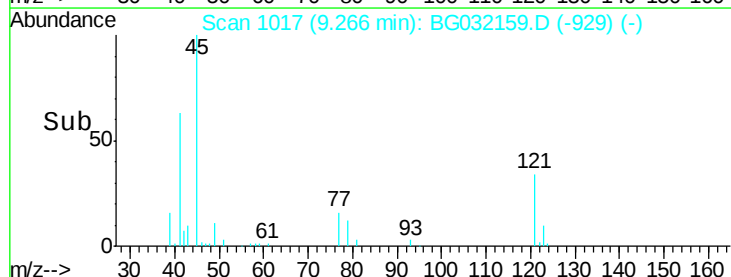
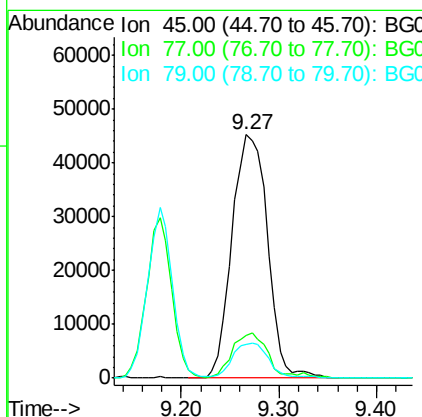
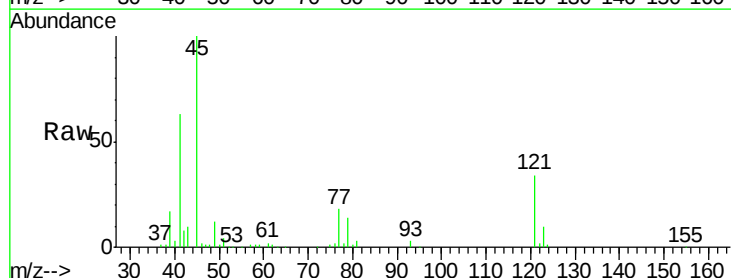
RT: 9.27 min Scan# 1017

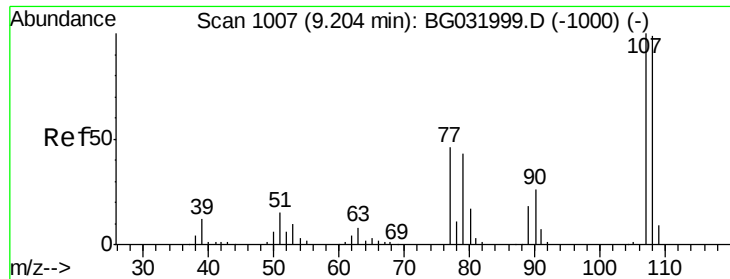
Delta R.T. -0.01 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	30.2
79	13.7	0.0	27.9





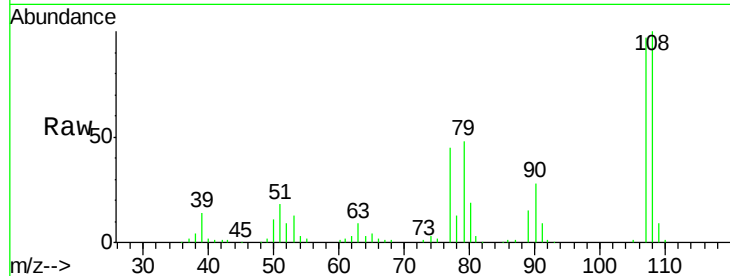
#17
2-Methylphenol
Concen: 48.325 ng
RT: 9.18 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

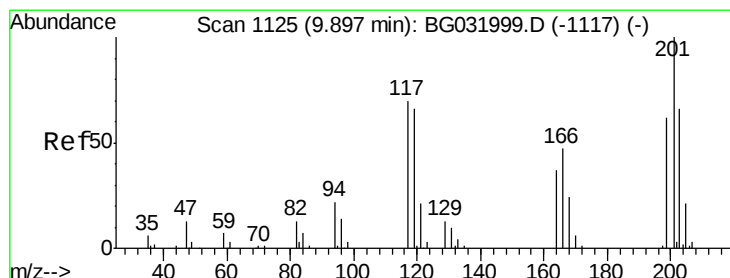
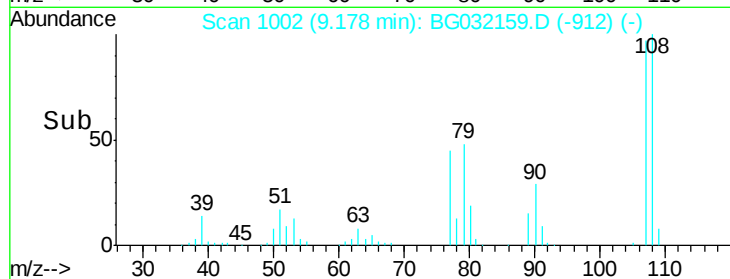
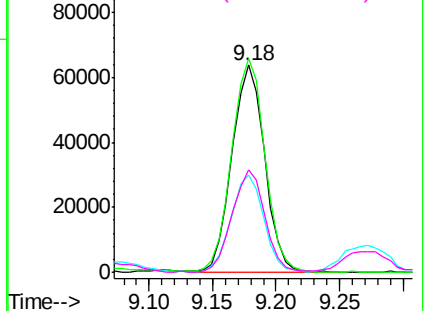
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	103.2	83.9	125.9		
77	46.8	37.2	55.8		
79	49.6	36.2	54.2		

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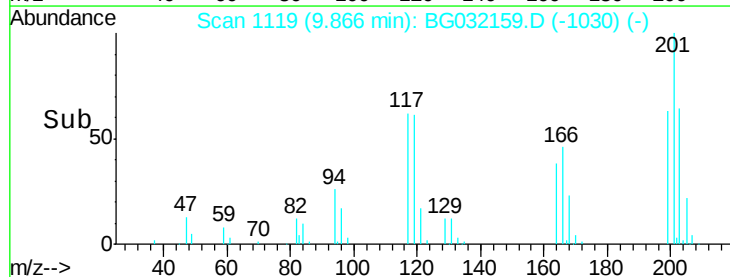
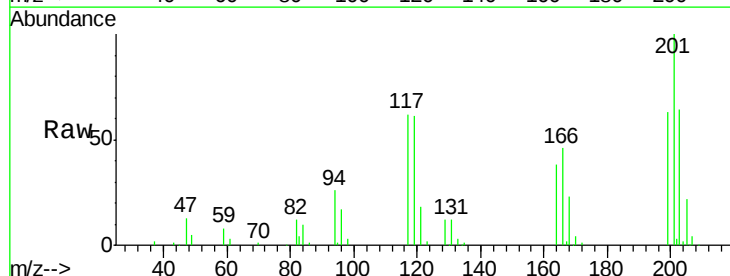
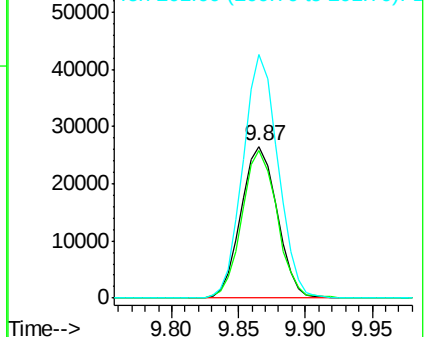
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

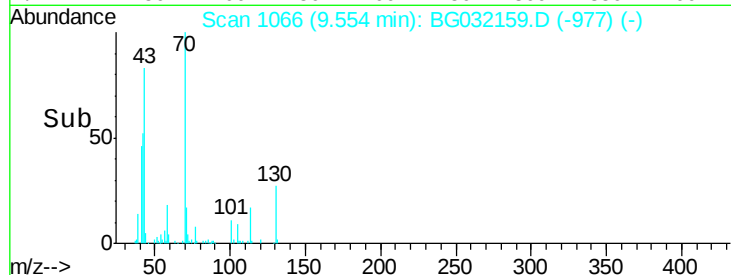
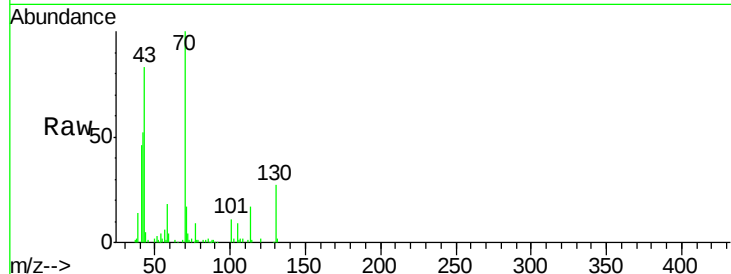
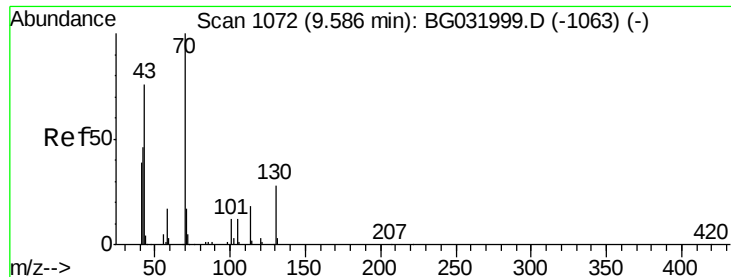


#18
Hexachloroethane
Concen: 44.264 ng
RT: 9.87 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	97.4	76.7	115.1		
201	160.6	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





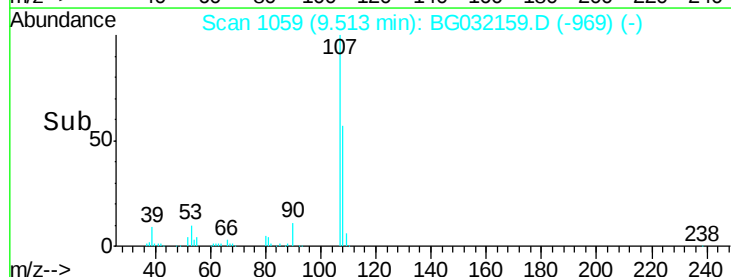
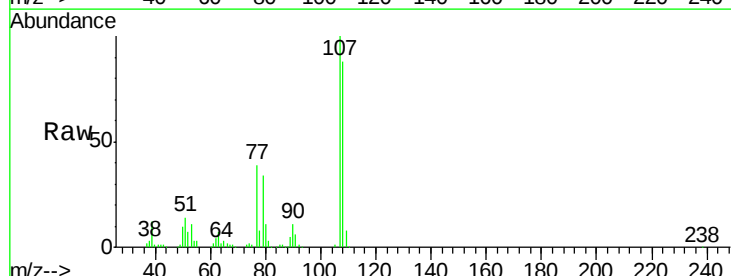
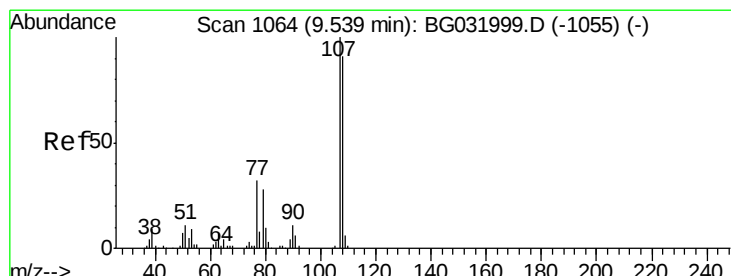
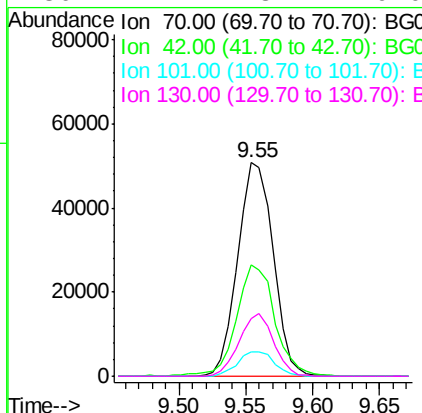
#19
n-Nitroso-di-n-propylamine
Concen: 48.209 ng
RT: 9.55 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.3	49.1	73.7
101	11.3	8.5	12.7
130	27.1	13.4	20.0

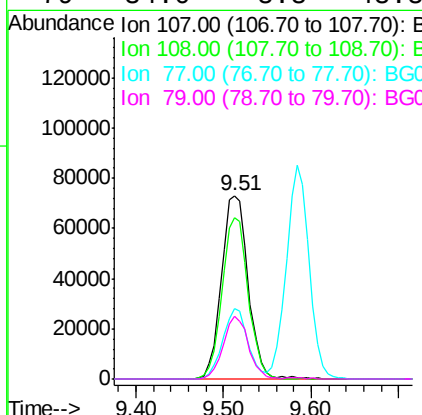
Manual Integrations
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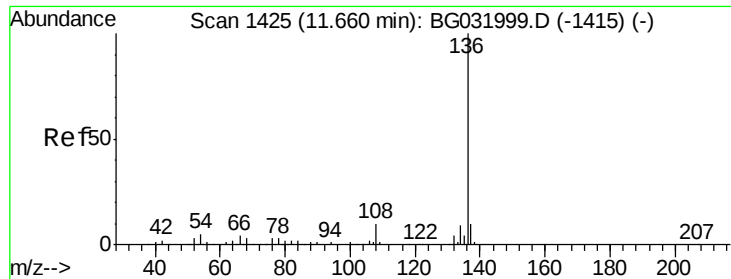
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#20
3+4-Methylphenols
Concen: 46.855 ng
RT: 9.51 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	61.6	101.6
77	38.7	13.9	53.9
79	34.0	8.8	48.8





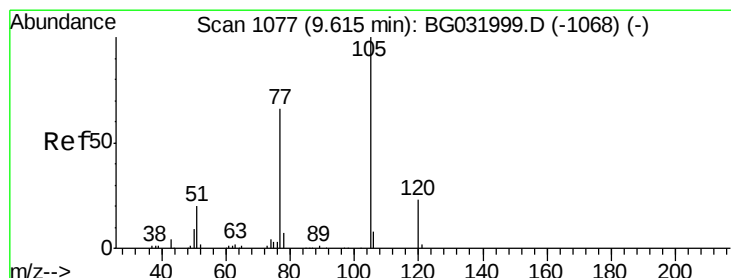
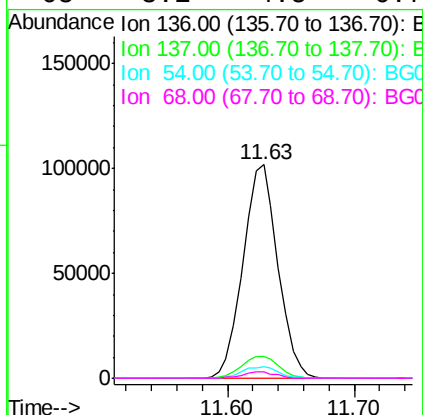
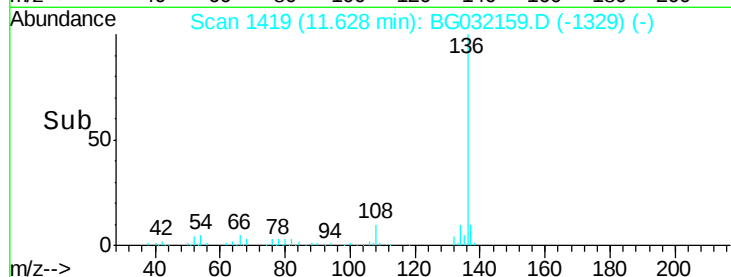
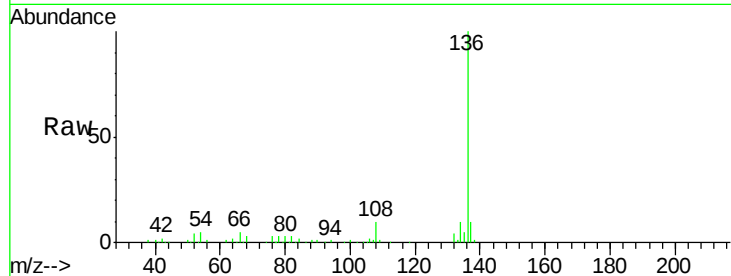
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		193563		
137	10.3	9.2	13.8		
54	5.1	10.3	15.5#		
68	3.1	4.5	6.7#		

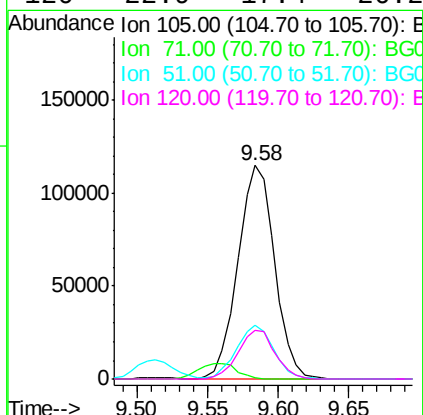
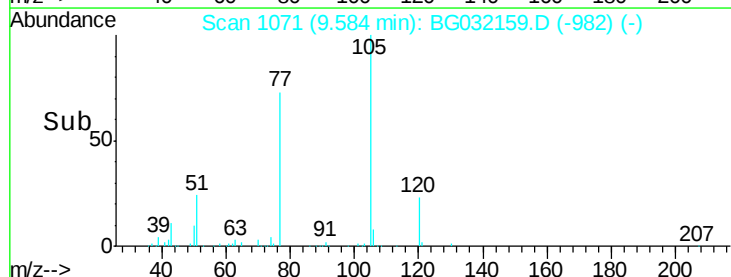
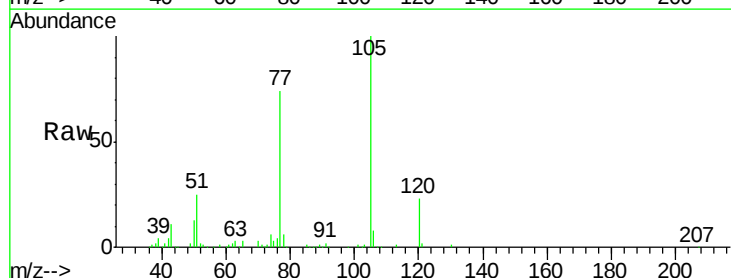
Manual Integrations
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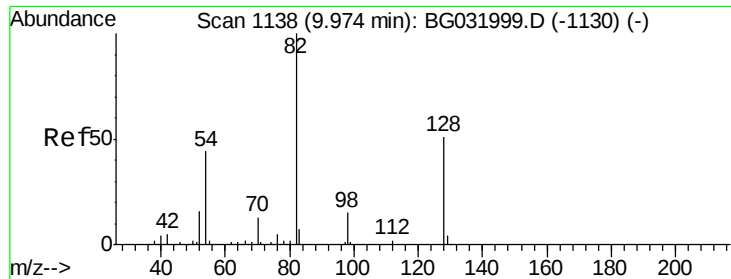
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#22
Acetophenone
Concen: 47.478 ng
RT: 9.58 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		208750		
71	0.6	3.0	4.4#		
51	24.9	26.1	39.1#		
120	22.9	17.4	26.2		





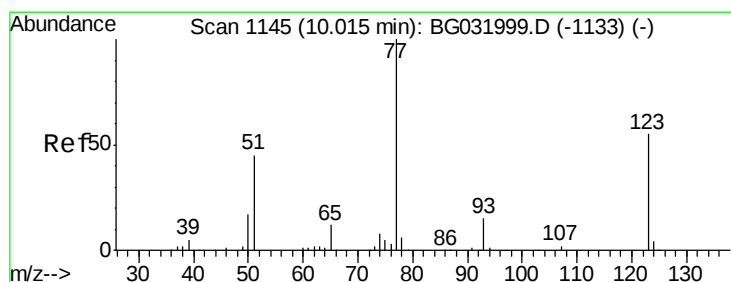
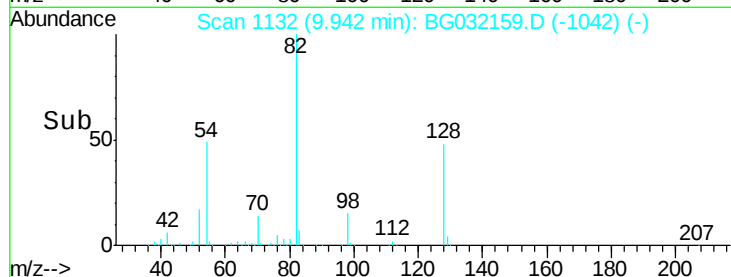
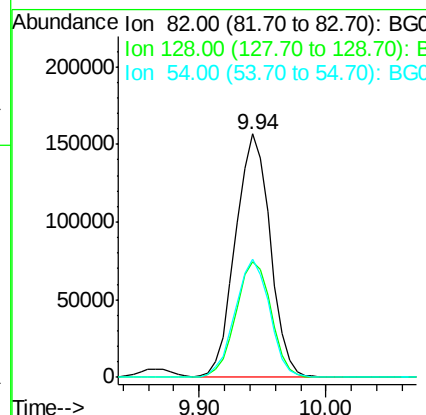
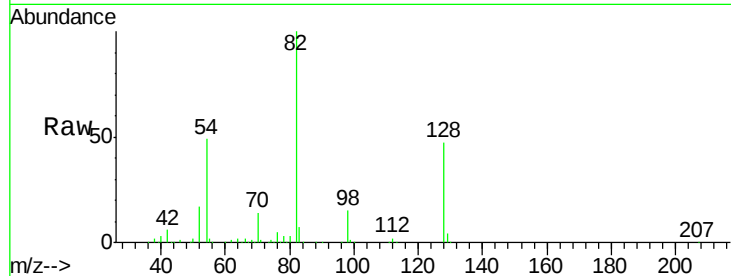
#23
Nitrobenzene-d5
Concen: 104.060 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.5	29.7	44.5#	
54	48.6	43.1	64.7	

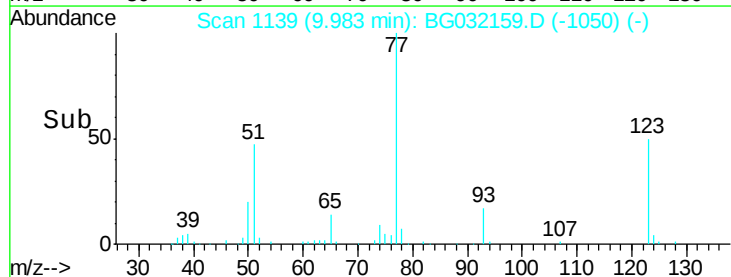
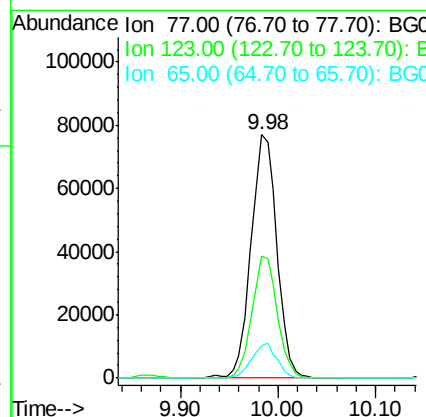
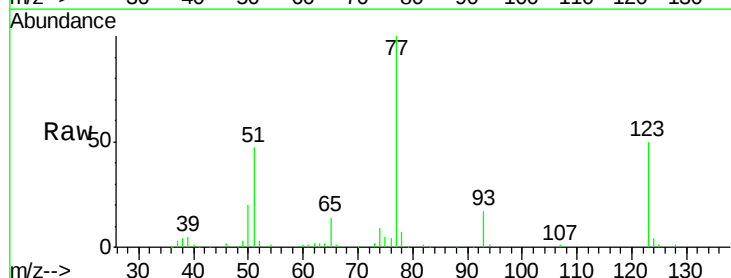
Manual Integrations
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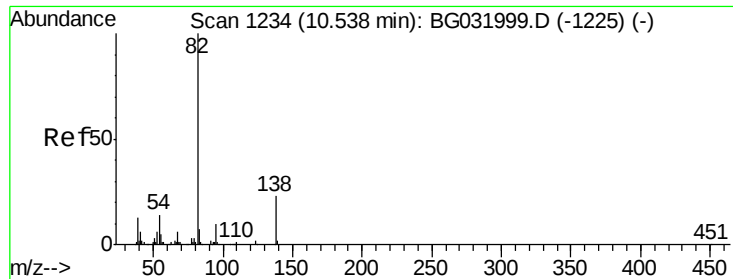
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#24
Nitrobenzene
Concen: 50.171 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.9	33.0	49.6#	
65	13.6	13.0	19.6	





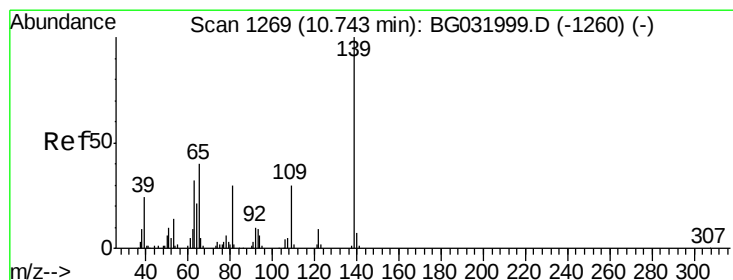
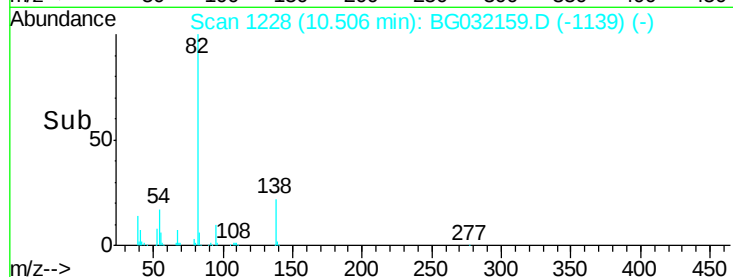
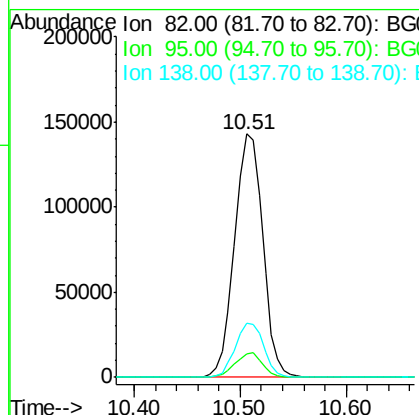
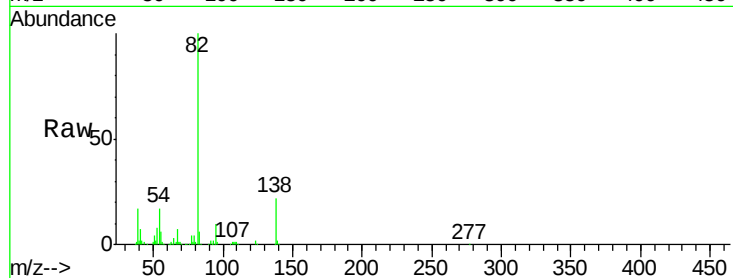
#25
Isophorone
Concen: 49.721 ng
RT: 10.51 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	9.9	6.2	9.2#
138	22.1	12.1	18.1#

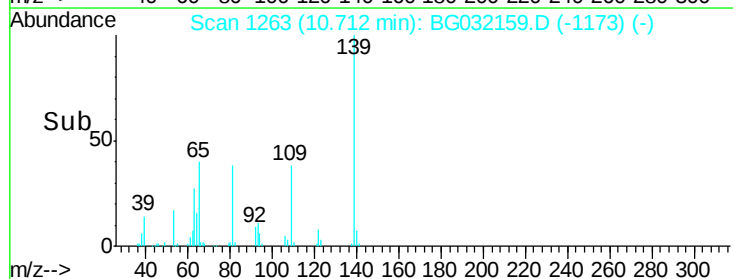
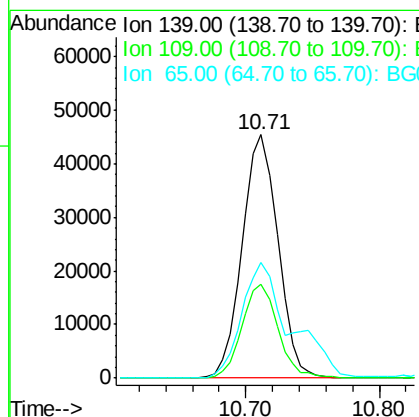
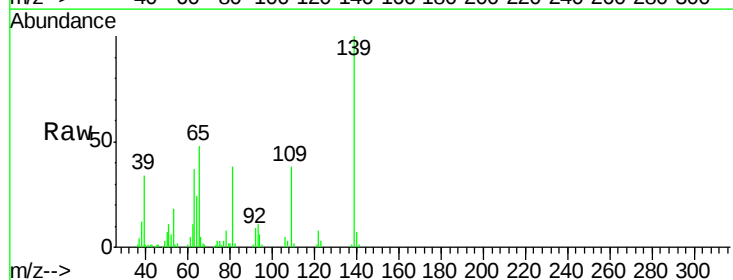
Manual Integrations
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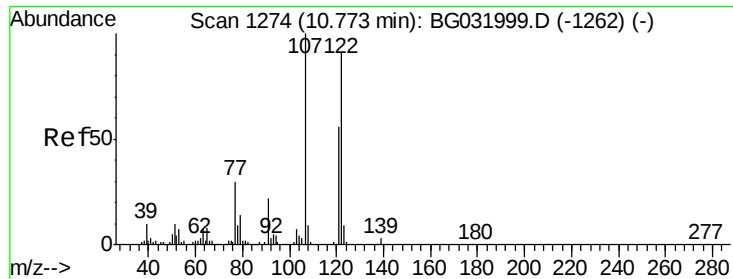
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#26
2-Nitrophenol
Concen: 49.656 ng
RT: 10.71 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	38.5	24.2	36.2#
65	47.7	47.4	71.0





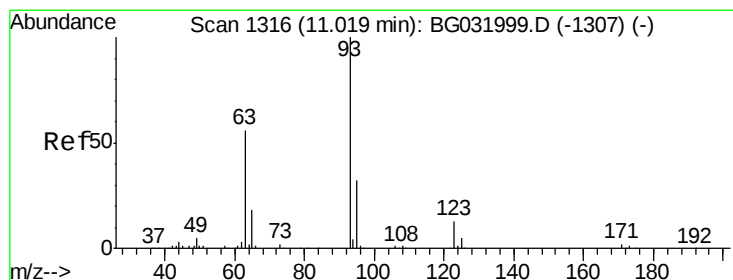
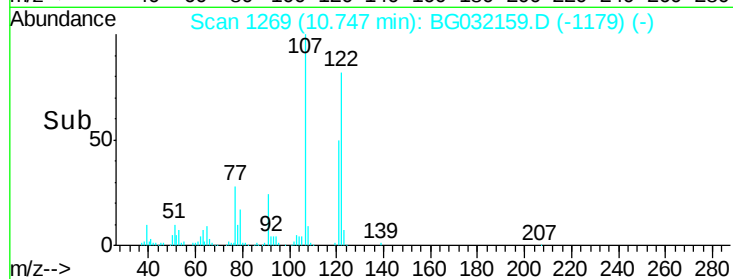
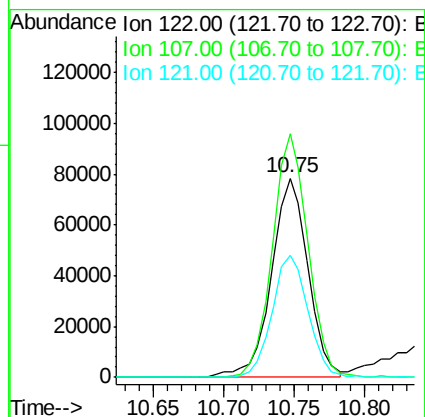
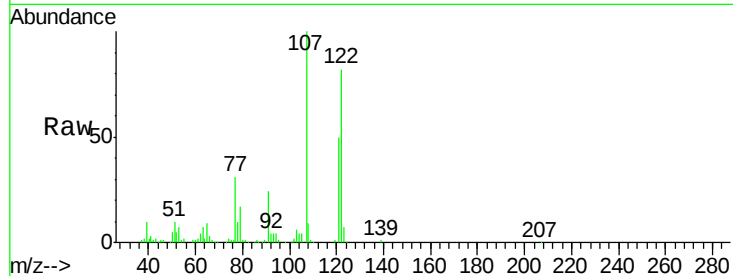
#27
 2,4-Dimethylphenol
 Concen: 52.886 ng
 RT: 10.75 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.2	100.2	150.2
121	61.4	44.4	66.6

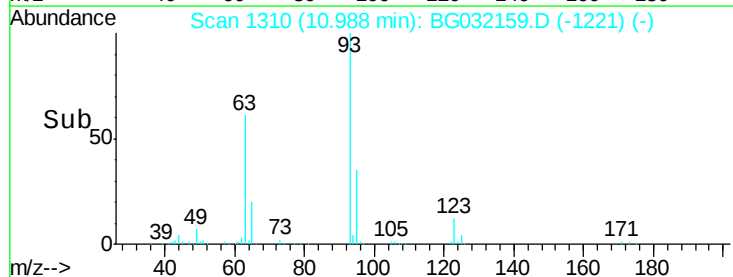
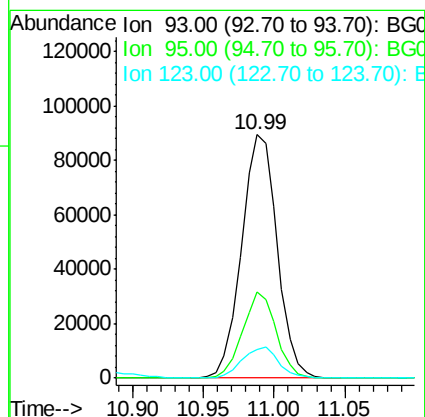
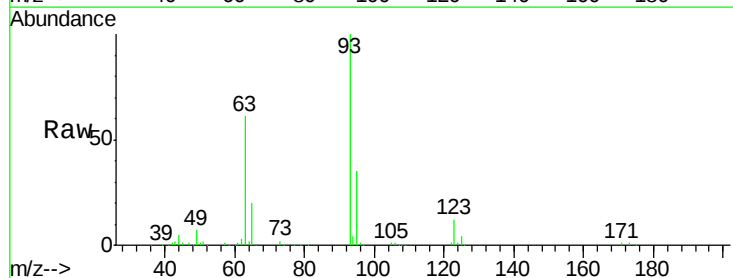
Manual Integrations
 APPROVED

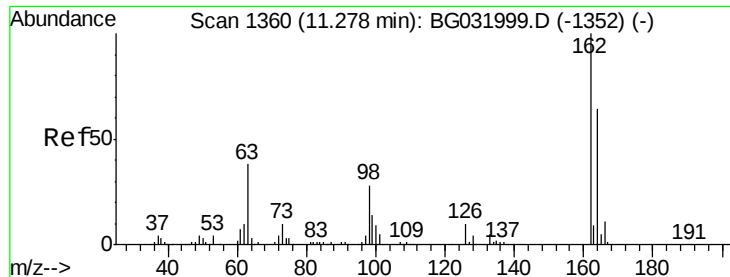
Sohil
 1/22/2018 5:27:15 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.097 ng
 RT: 10.99 min Scan# 1310
 Delta R.T. -0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.2	24.3	36.5
123	11.8	8.4	12.6





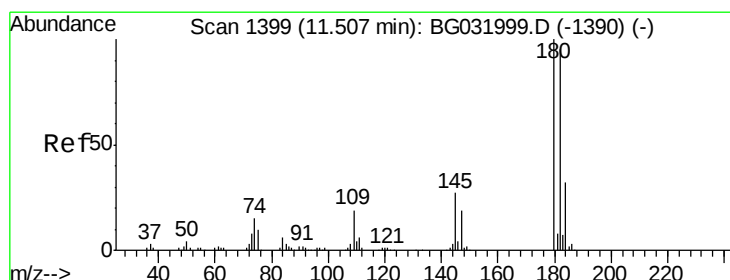
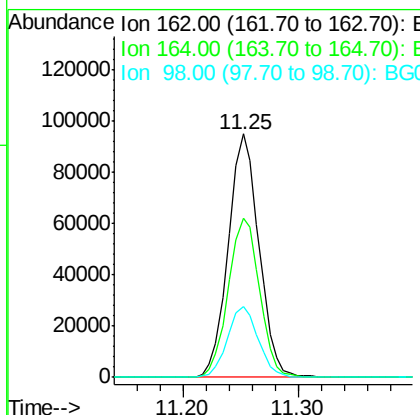
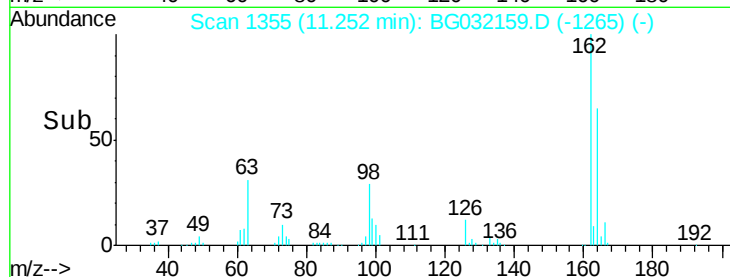
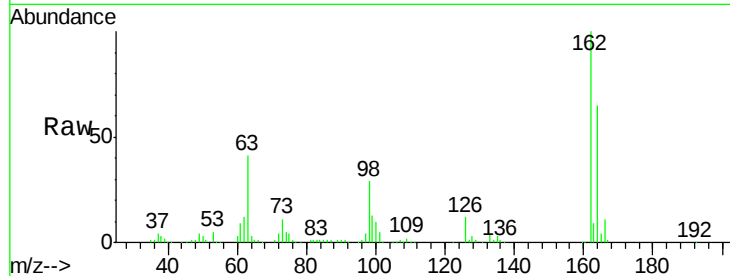
#29
2,4-Dichlorophenol
Concen: 52.899 ng
RT: 11.25 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	65.1	48.0	88.0		
98	29.1	21.1	61.1		

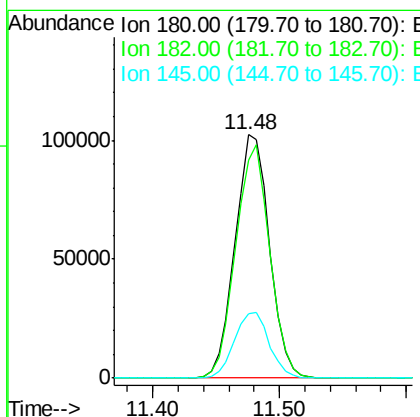
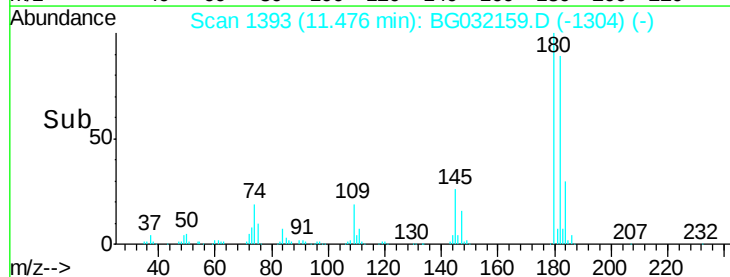
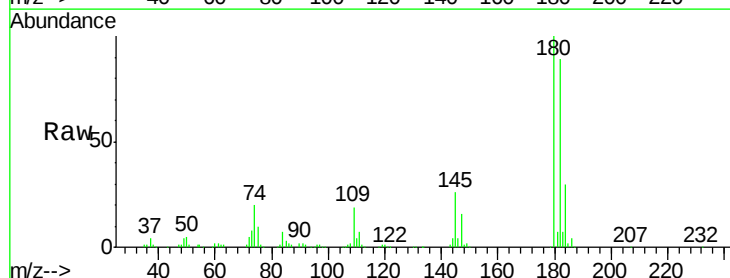
Manual Integrations
APPROVED

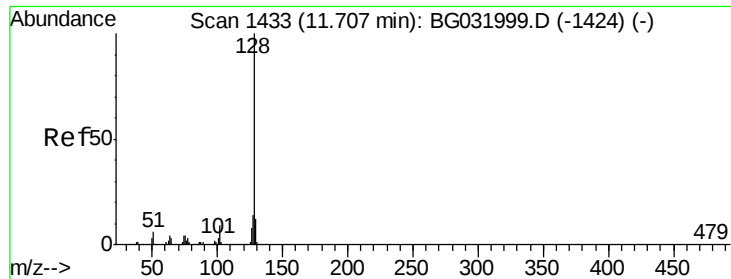
Sohil
1/22/2018 5:27:15 PM



#30
1,2,4-Trichlorobenzene
Concen: 45.104 ng
RT: 11.48 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	89.5	77.5	116.3		
145	26.4	23.4	35.2		





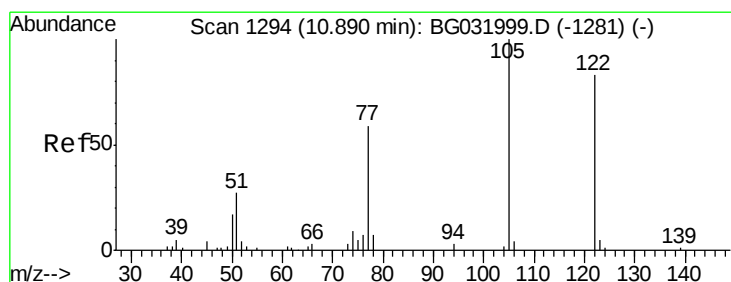
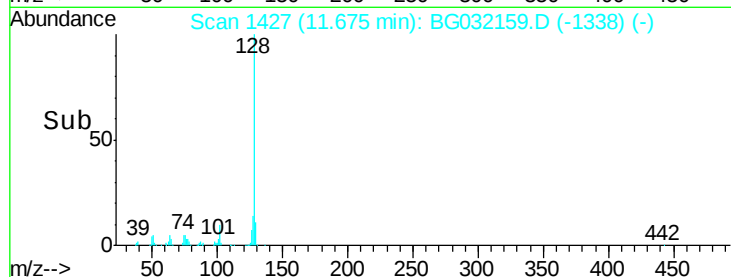
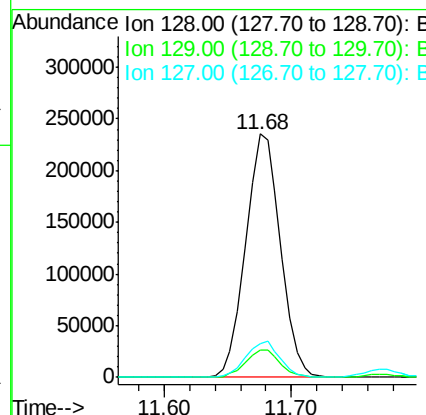
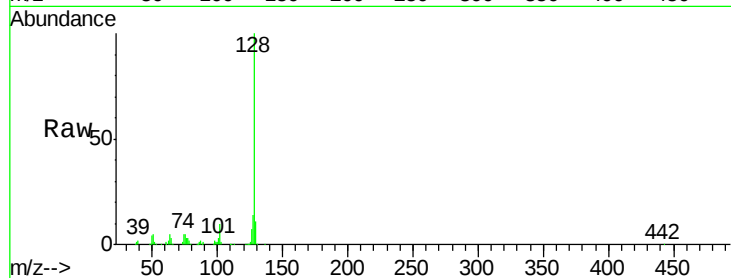
#31
Naphthalene
Concen: 46.591 ng
RT: 11.68 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.8	11.6	17.4

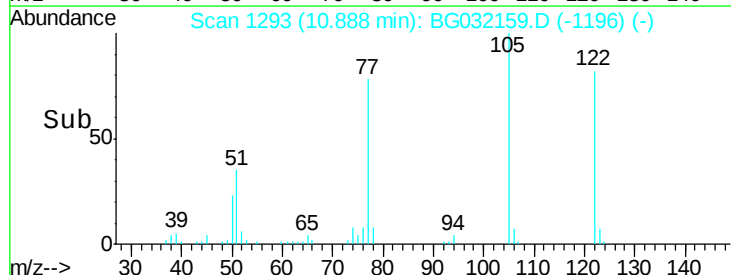
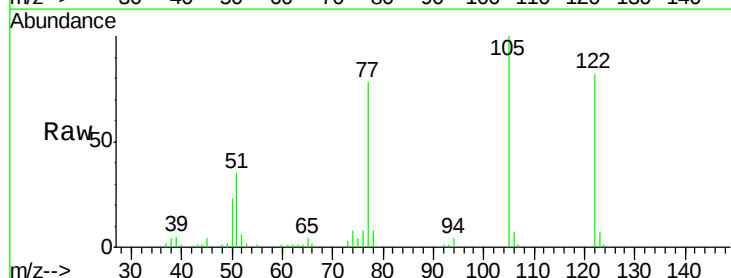
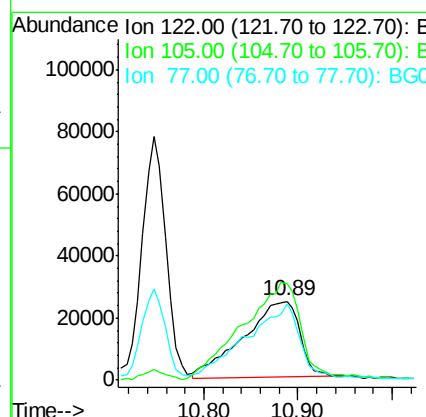
Manual Integrations
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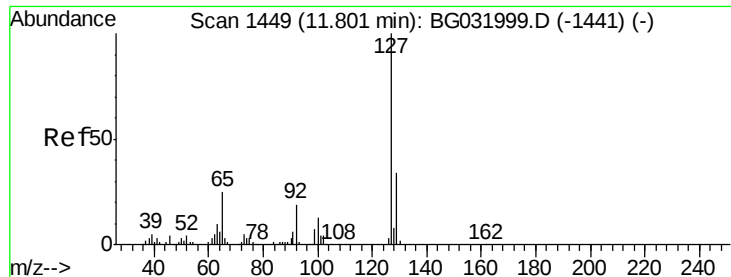
Sohil
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#32
Benzoic acid
Concen: 47.443 ng
RT: 10.89 min Scan# 1293
Delta R.T. 0.04 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.7	123.5	163.5#
77	96.1	85.7	125.7





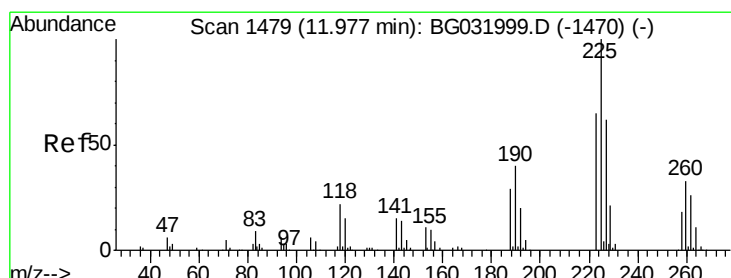
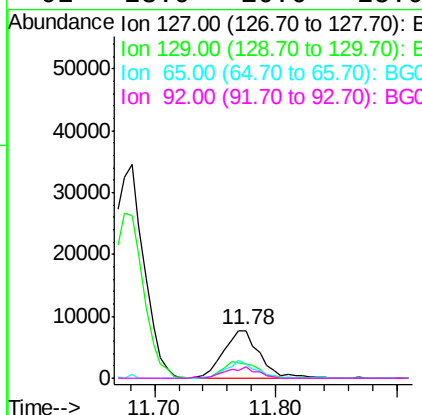
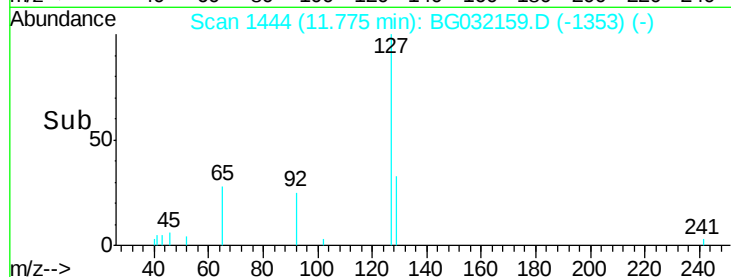
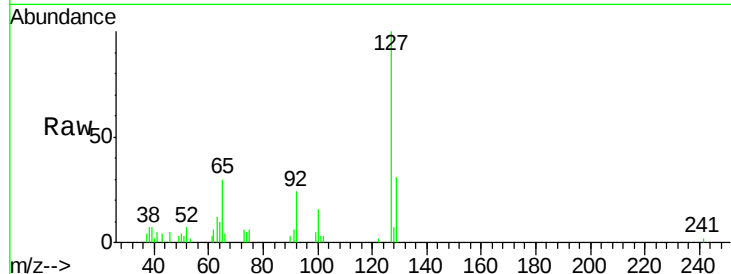
#33
4-Chloroaniline
Concen: 3.922 ng
RT: 11.78 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.7	24.0	36.0		
65	29.9	27.0	40.4		
92	23.9	16.6	25.0		

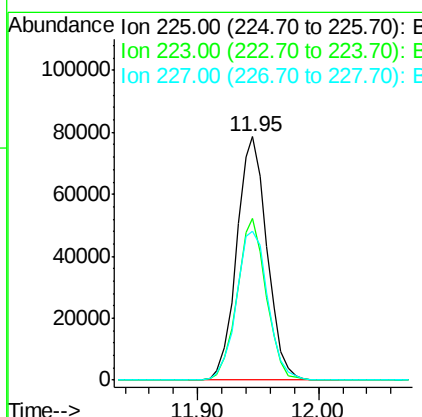
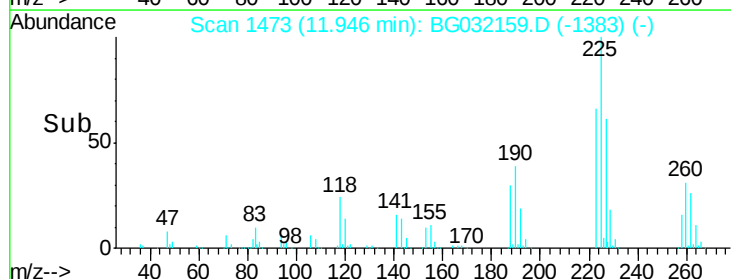
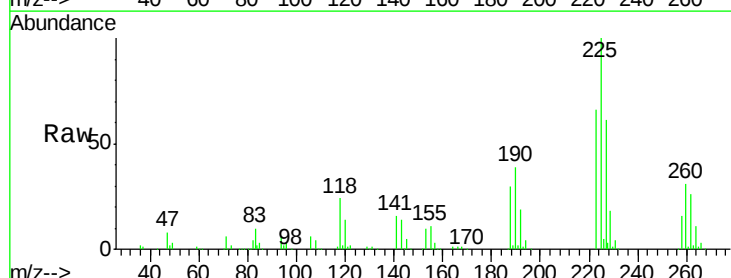
Manual Integrations
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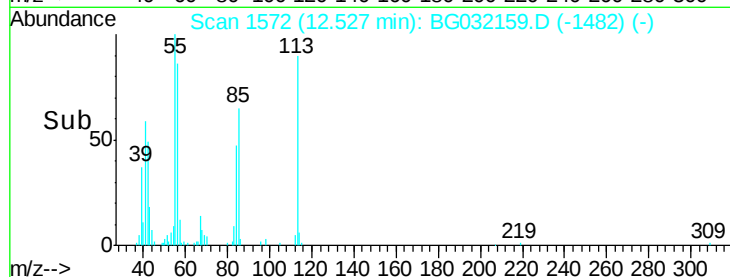
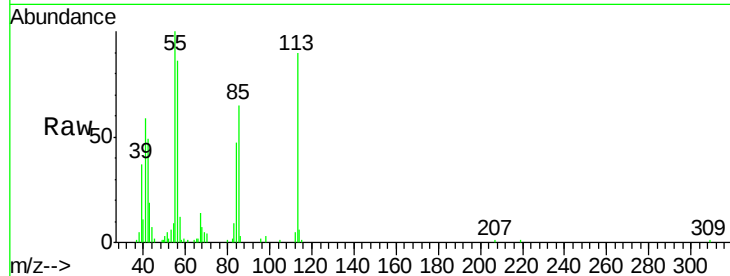
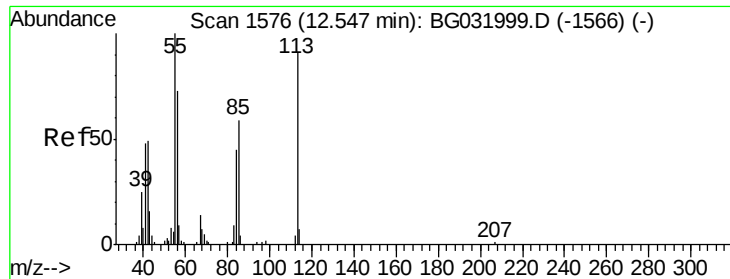
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#34
Hexachlorobutadiene
Concen: 44.642 ng
RT: 11.95 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	66.3	49.7	74.5		
227	61.2	48.1	72.1		





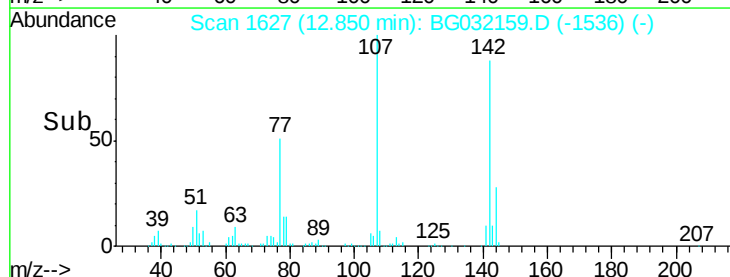
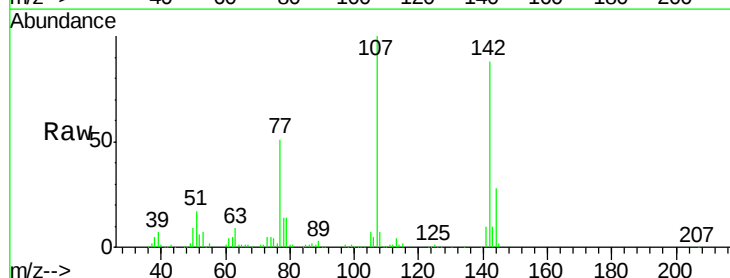
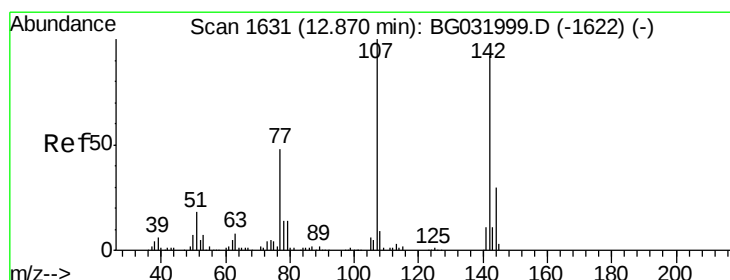
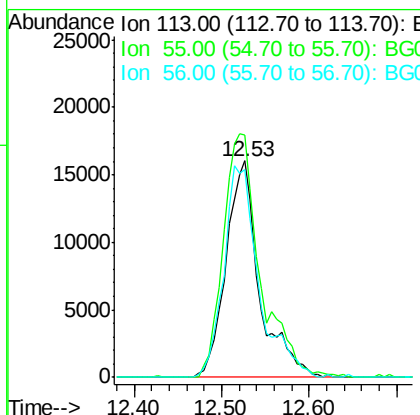
#35
Caprolactam
Concen: 41.640 ng
RT: 12.53 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	111.7	186.9	226.9#
56	95.7	130.9	170.9#

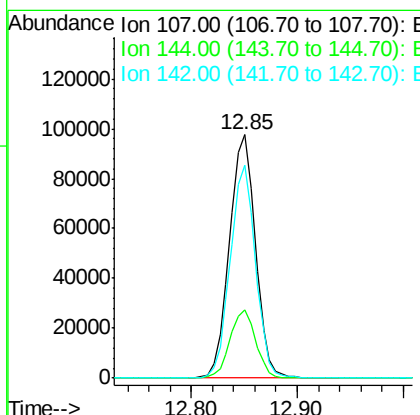
Manual Integrations
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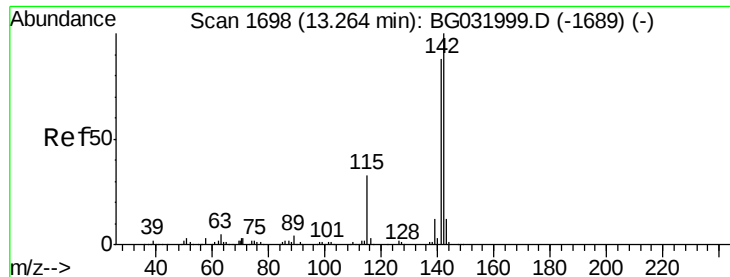
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#36
4-Chloro-3-methylphenol
Concen: 54.913 ng
RT: 12.85 min Scan# 1627
Delta R.T. 0.01 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.9	18.2	27.4#
142	87.5	59.0	88.4





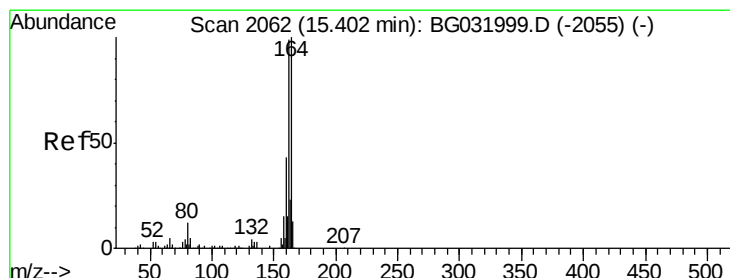
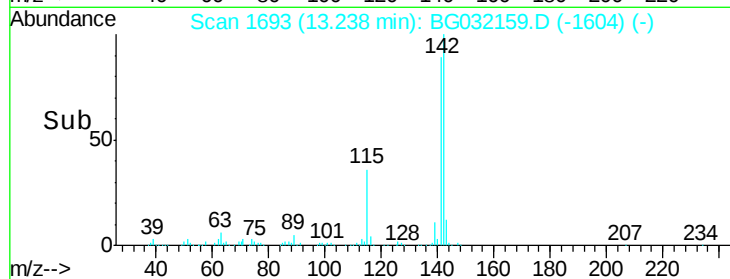
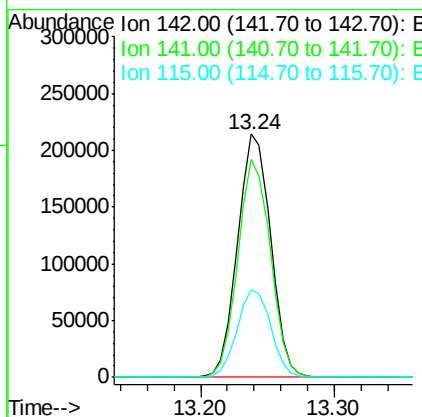
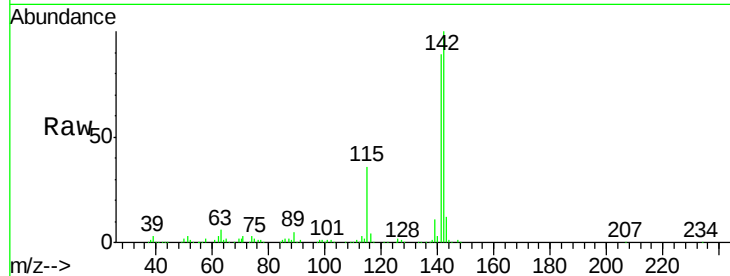
#37
2-Methylnaphthalene
Concen: 48.302 ng
RT: 13.24 min Scan# 1693
Delta R.T. -0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	67.1	100.7
115	36.0	30.7	46.1

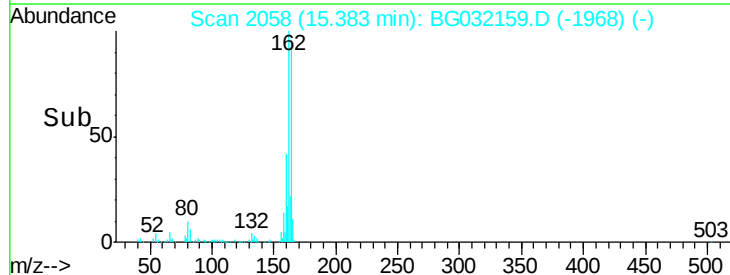
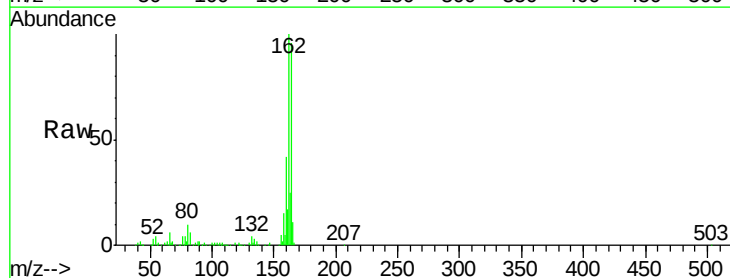
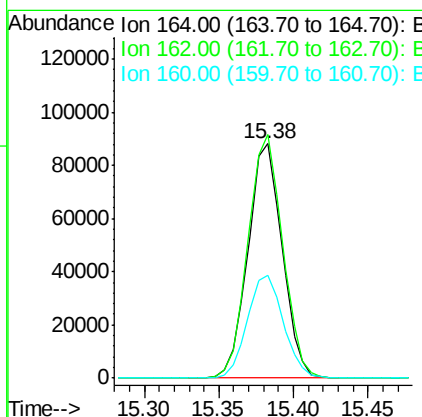
Manual Integrations
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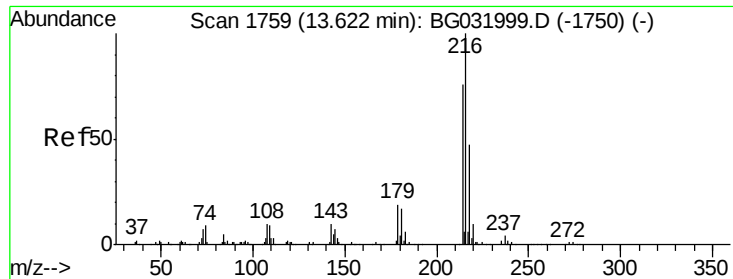
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	78.8	118.2
160	44.0	35.4	53.0





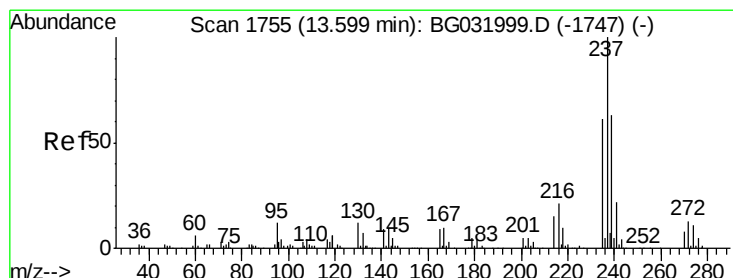
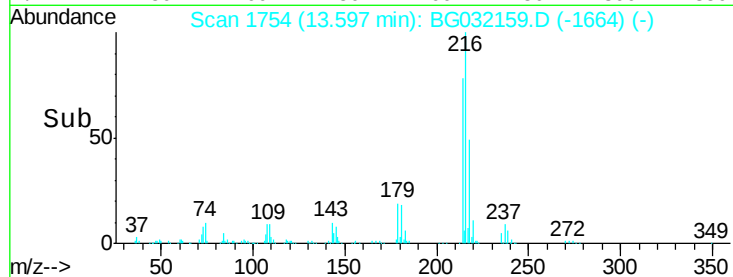
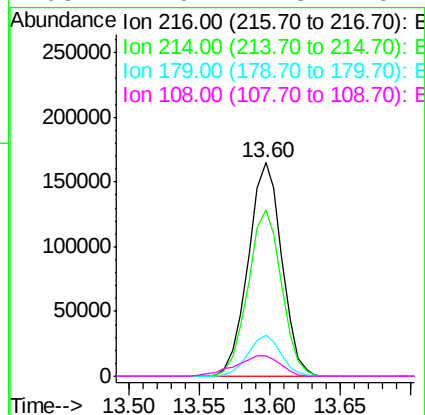
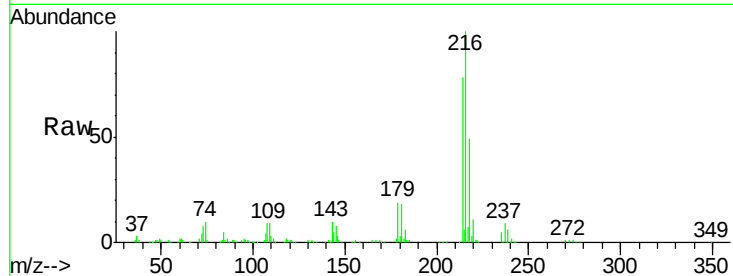
#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.478 ng
RT: 13.60 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		275888		
214	77.6		63.0	94.4	
179	18.8		17.0	25.6	
108	12.9		12.8	19.2	

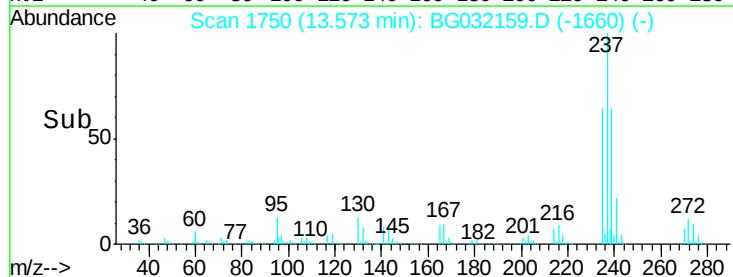
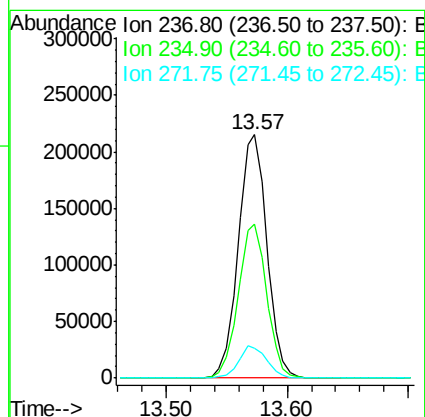
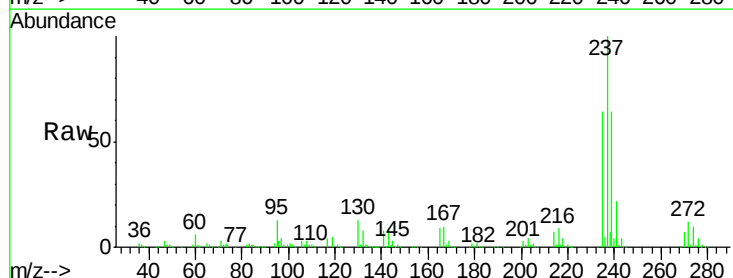
Manual Integrations
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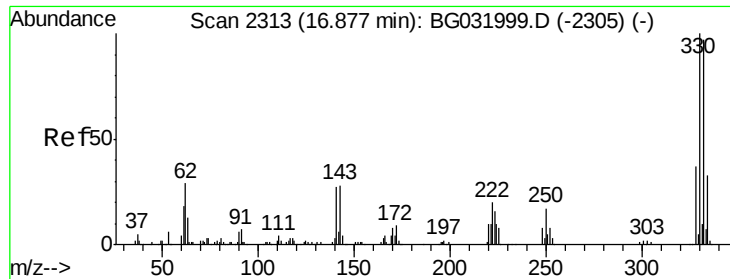
Sohil
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#40
Hexachlorocyclopentadiene
Concen: 104.207 ng
RT: 13.57 min Scan# 1750
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		356056		
235	63.5		50.4	90.4	
272	12.5		0.0	31.8	





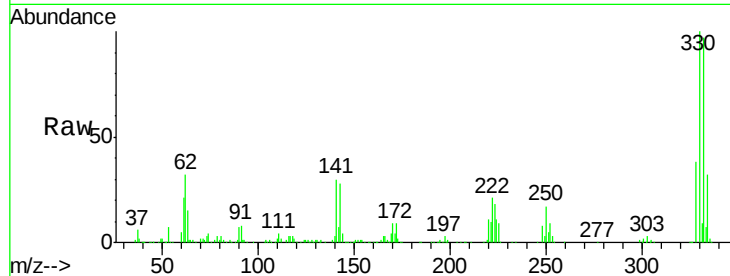
#41
 2,4,6-Tribromophenol
 Concen: 153.466 ng
 RT: 16.86 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	29.5	25.2	37.8

Manual Integrations
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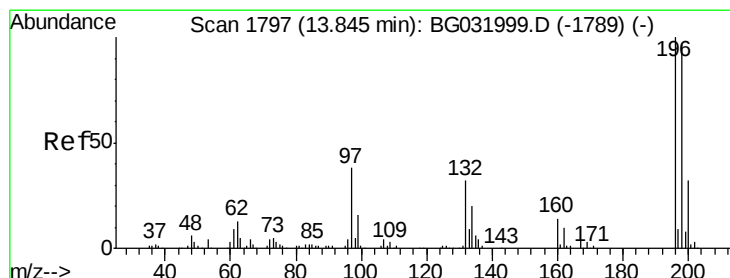
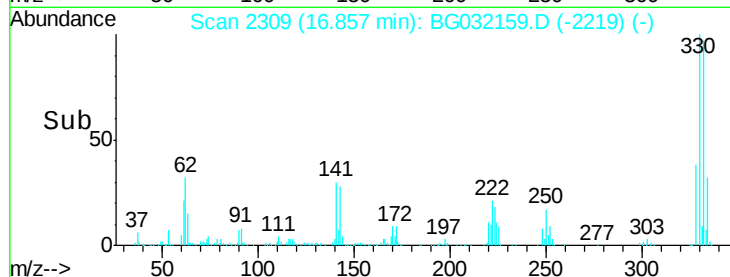
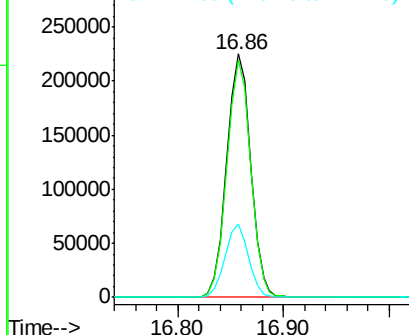


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 51.016 ng
 RT: 13.82 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

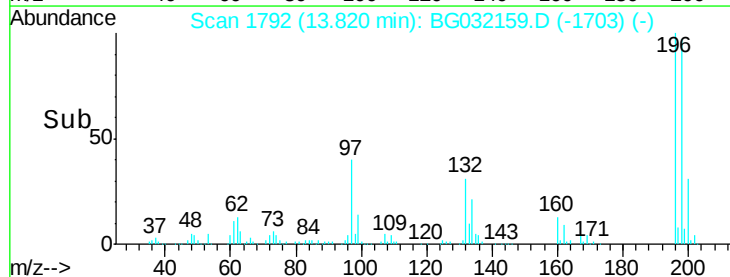
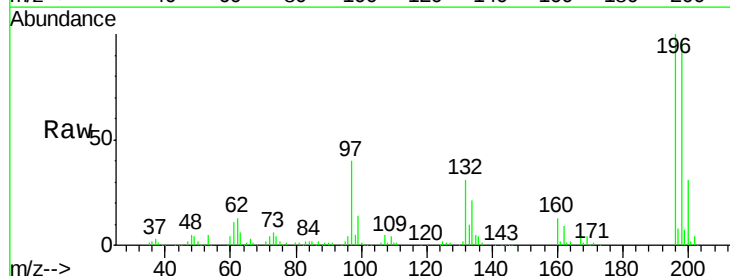
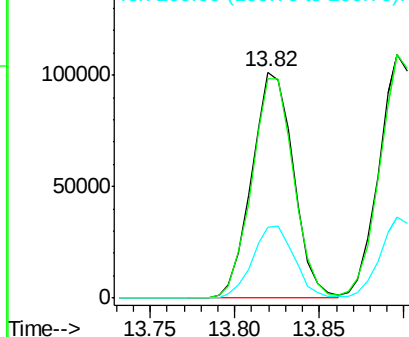
Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	78.2	117.2
200	31.4	24.6	36.8

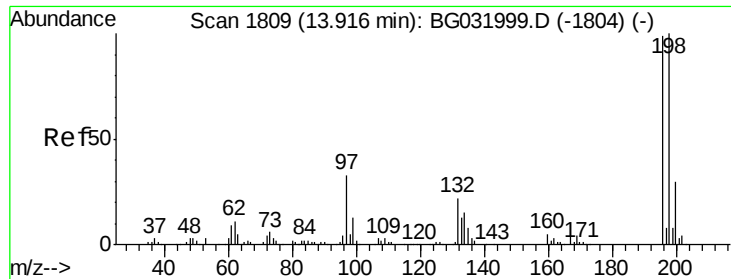
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





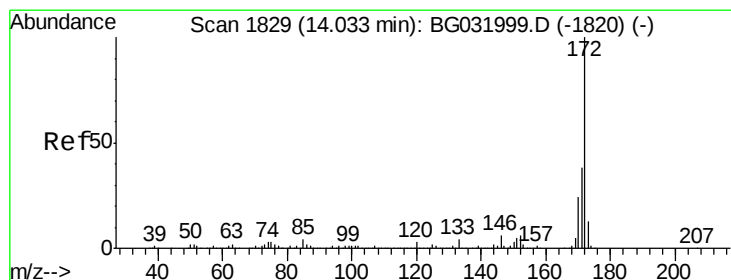
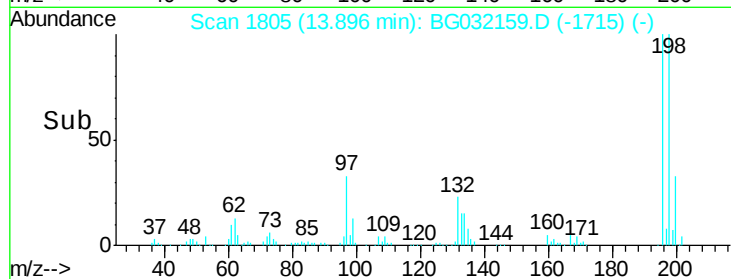
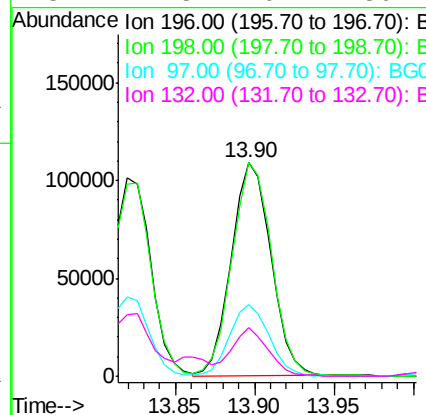
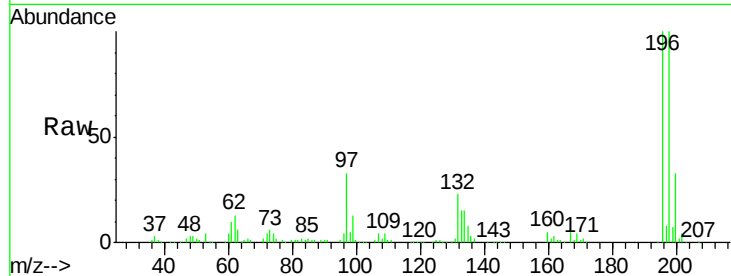
#43
2,4,5-Trichlorophenol
Concen: 47.874 ng
RT: 13.90 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	188885		
198	100.1	76.2	114.4	
97	33.4	38.7	58.1	
132	22.8	20.2	30.2	

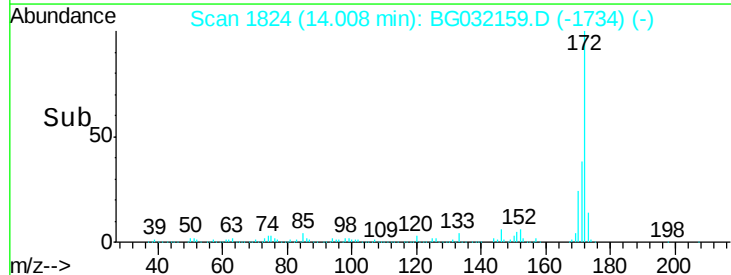
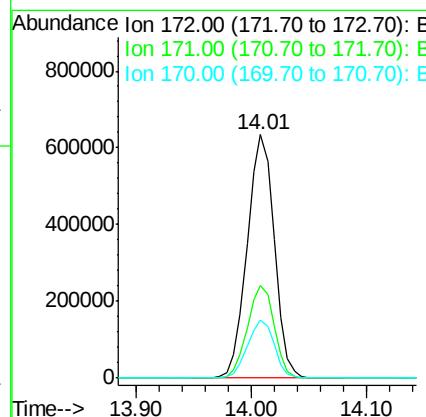
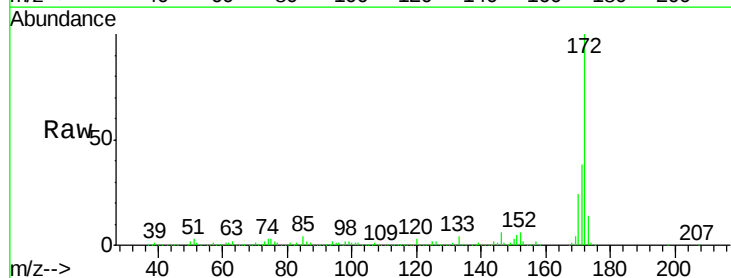
Manual Integrations
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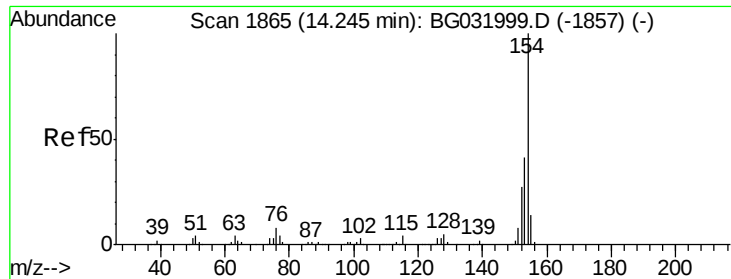
Sohil
1/22/2018 5:27:15 PM



#44
2-Fluorobiphenyl
Concen: 91.938 ng
RT: 14.01 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1031898		
171	37.9	30.0	45.0	
170	24.1	19.5	29.3	





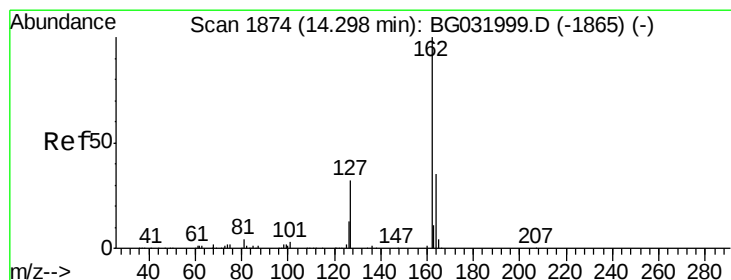
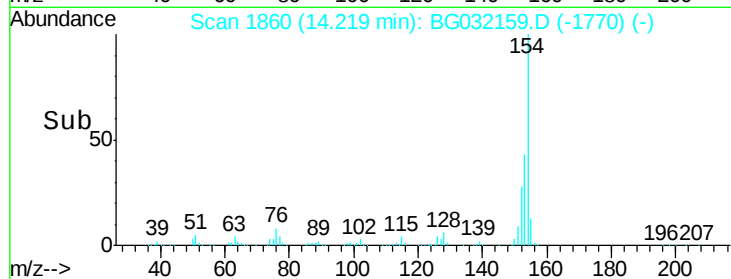
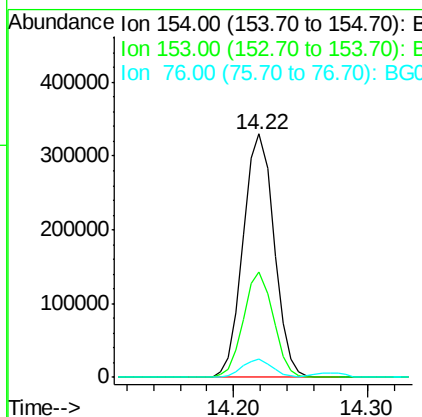
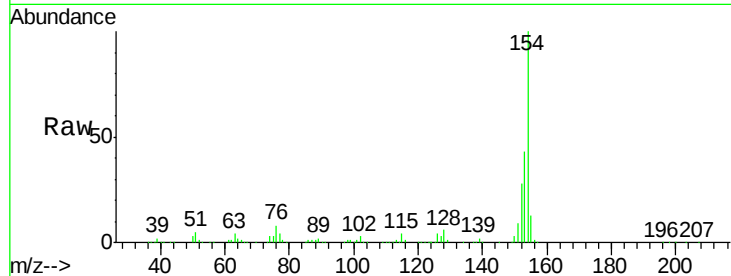
#45
 1,1'-Biphenyl
 Concen: 44.226 ng
 RT: 14.22 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.3	19.8	59.8
76	7.6	0.0	31.9

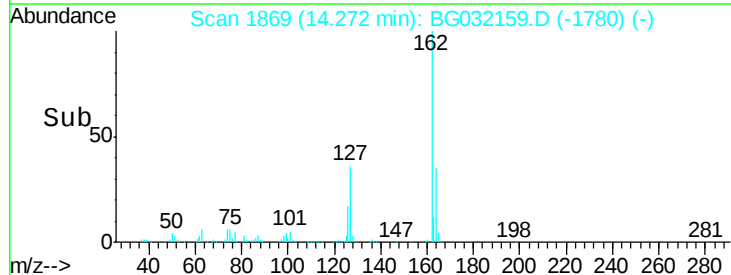
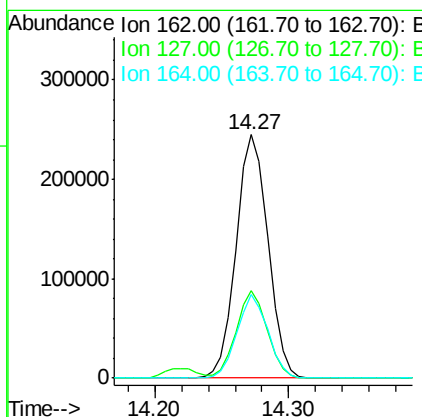
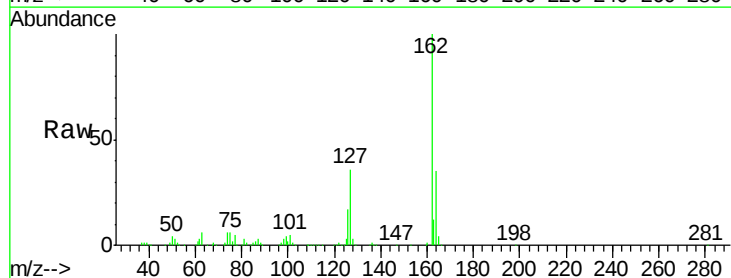
Manual Integrations
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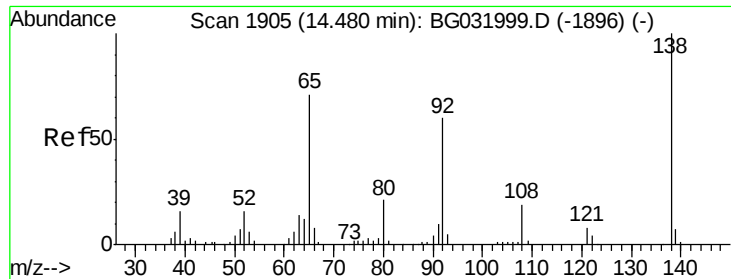
Sohil
 1/22/2018 5:27:15 PM



#46
 2-Chloronaphthalene
 Concen: 43.492 ng
 RT: 14.27 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.0	30.7	46.1
164	34.5	26.0	39.0





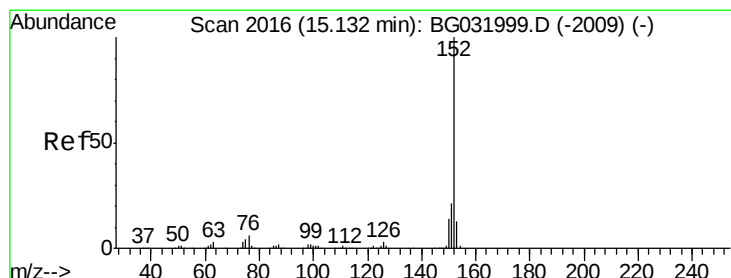
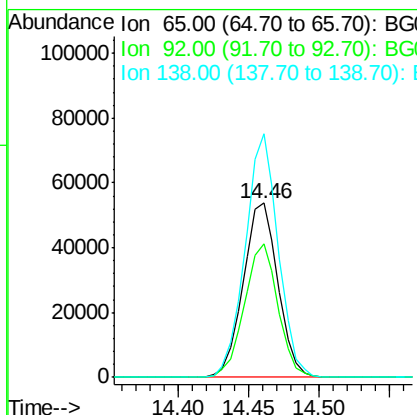
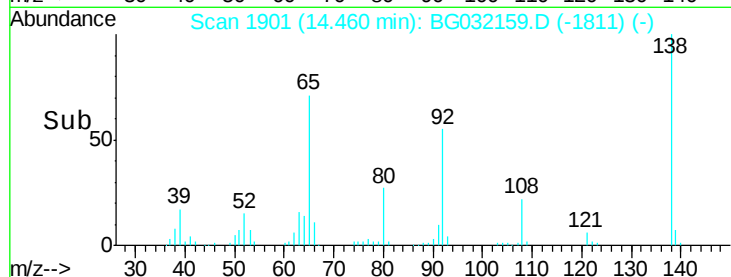
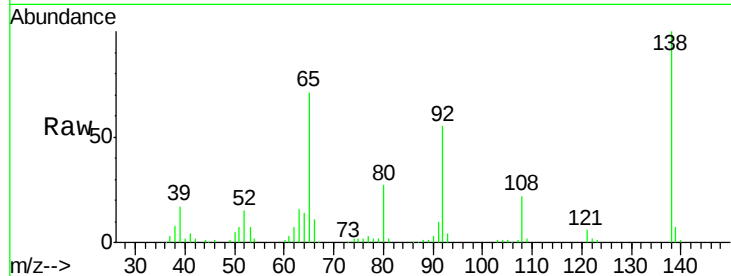
#47
 2-Nitroaniline
 Concen: 51.965 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.7	54.6	82.0
138	140.0	72.9	109.3

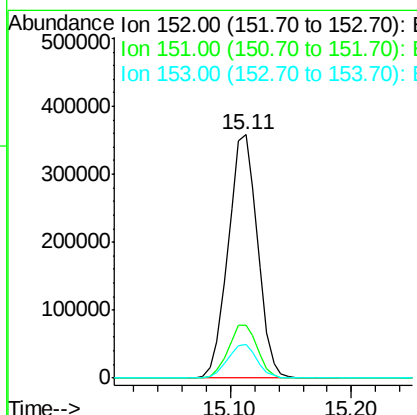
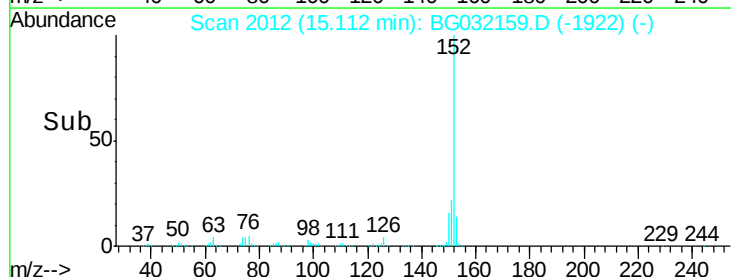
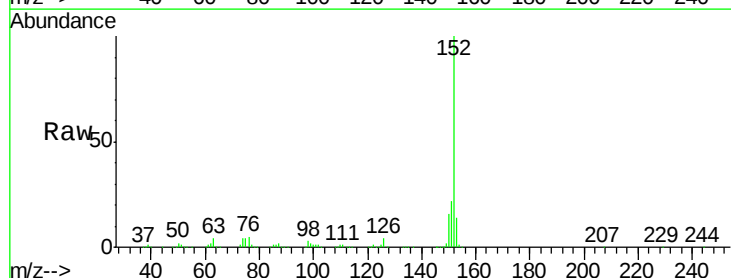
Manual Integrations
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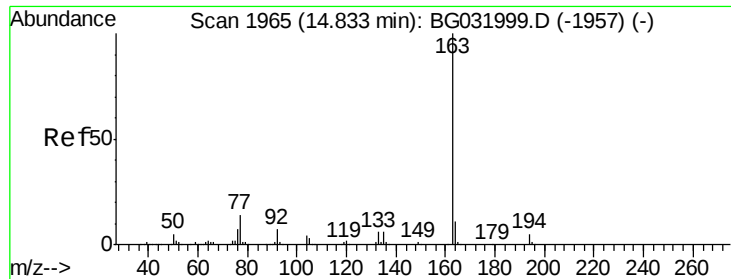
Sohil
 1/22/2018 5:27:15 PM



#48
 Acenaphthylene
 Concen: 42.694 ng
 RT: 15.11 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.2	25.8
153	14.1	10.2	15.4





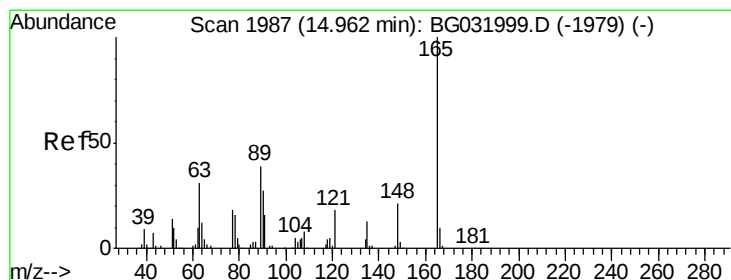
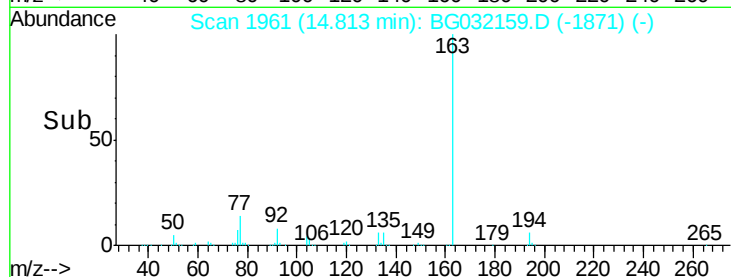
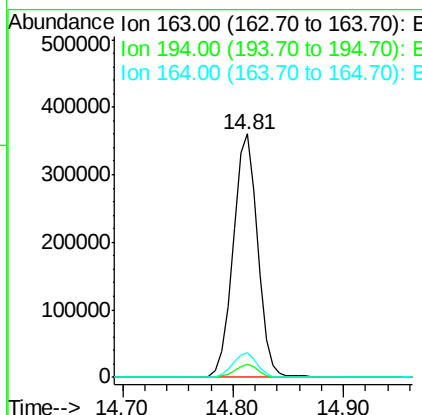
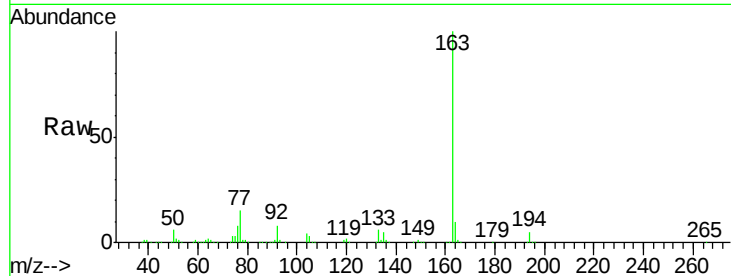
#49
Dimethylphthalate
Concen: 45.879 ng
RT: 14.81 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.4	5.2#
164	10.1	8.2	12.4

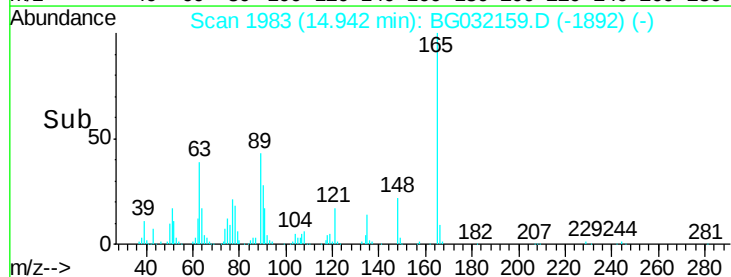
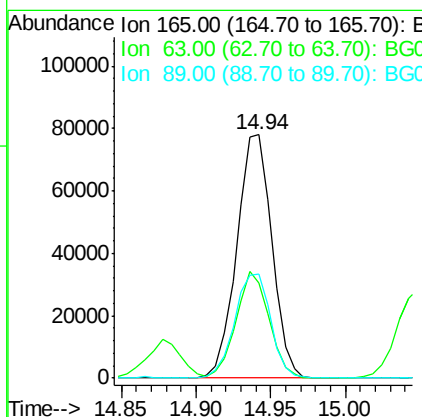
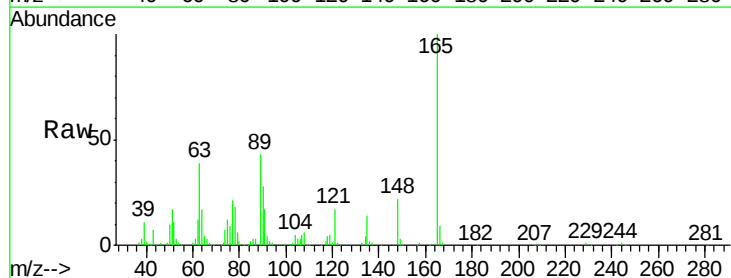
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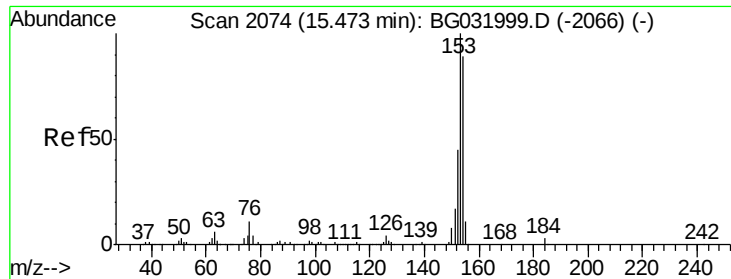
Sohil
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#50
2,6-Dinitrotoluene
Concen: 50.405 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.9	52.7	79.1#
89	42.5	49.2	73.8#





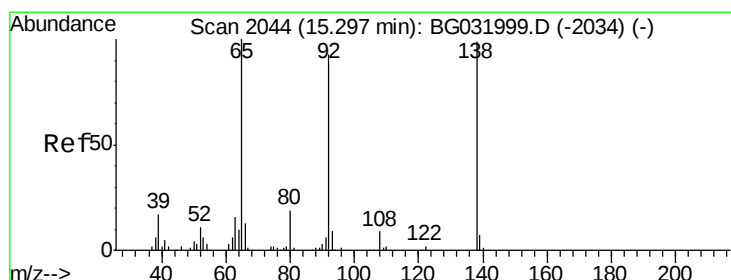
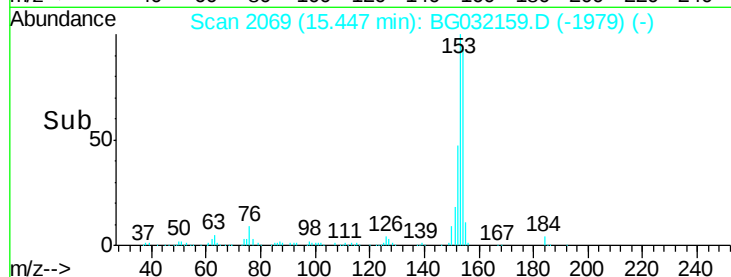
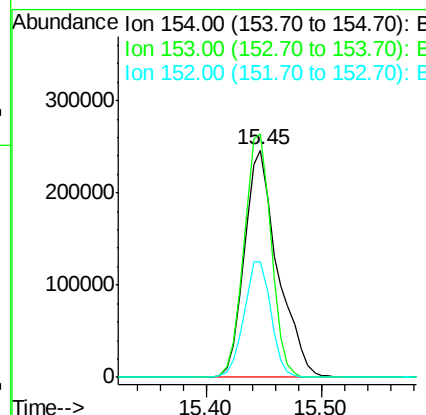
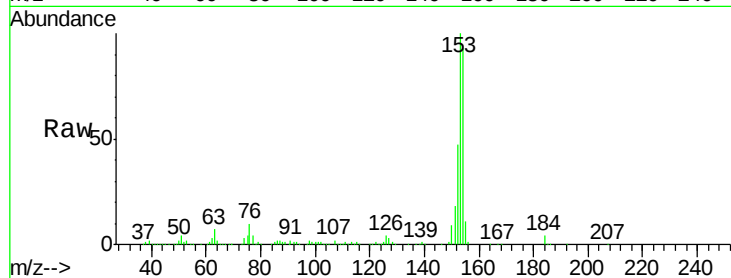
#51
Acenaphthene
Concen: 52.704 ng
RT: 15.45 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	107.3	90.4	135.6
152	51.0	41.6	62.4

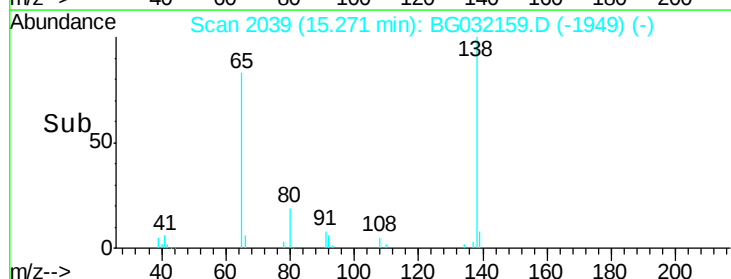
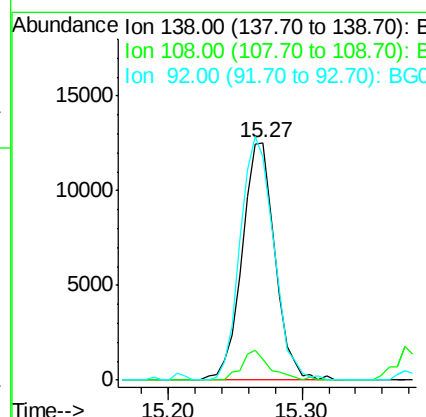
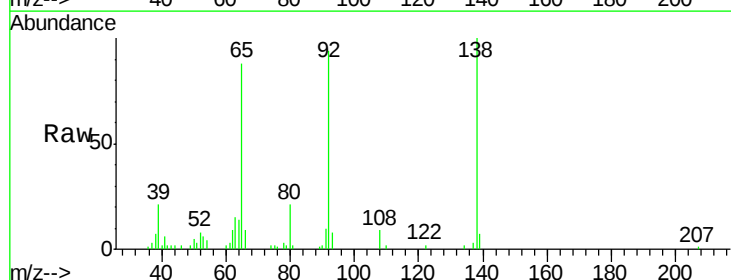
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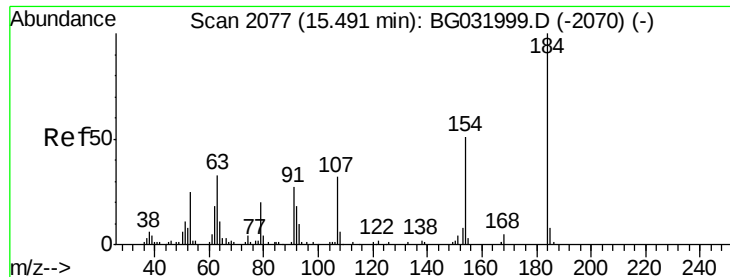
Sohil
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#52
3-Nitroaniline
Concen: 9.321 ng
RT: 15.27 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.9	17.5	26.3#
92	93.7	105.8	158.8#





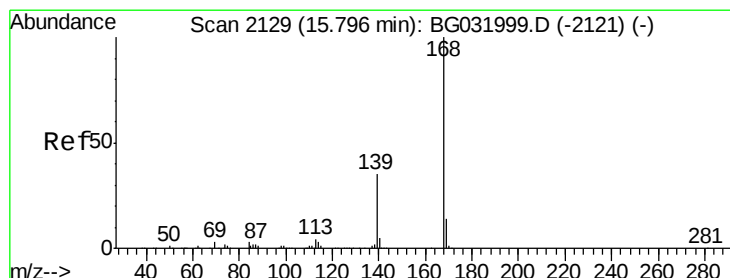
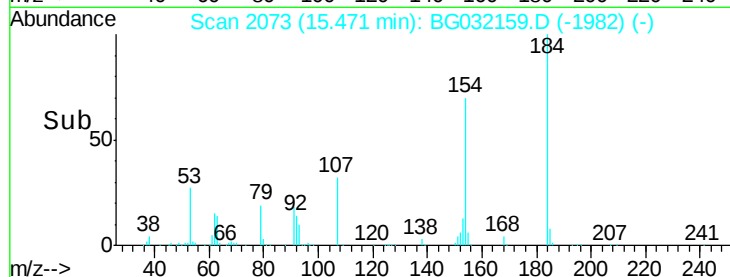
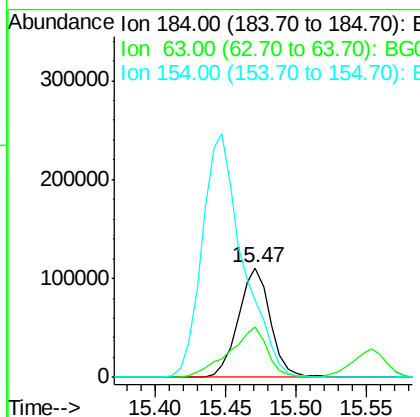
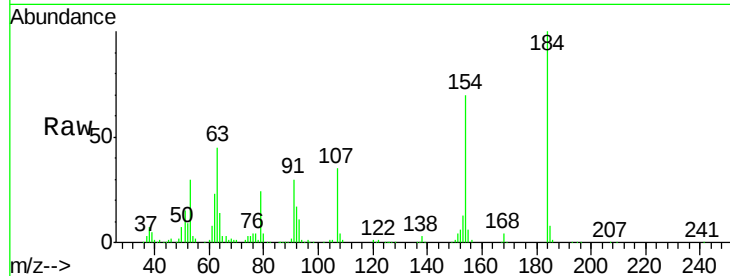
#53
 2,4-Dinitrophenol
 Concen: 132.374 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. 0.01 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	45.4	59.8	89.8#
154	70.3	101.8	152.8#

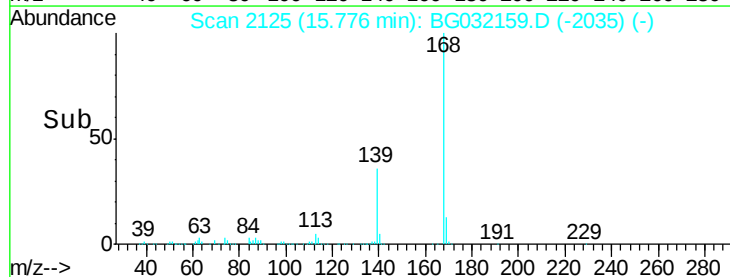
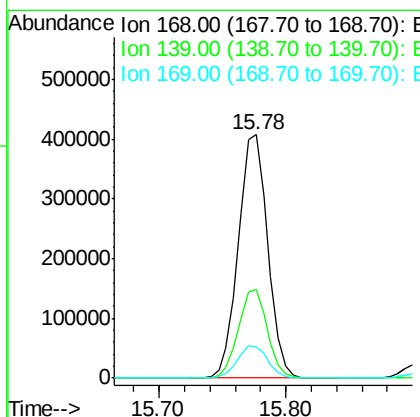
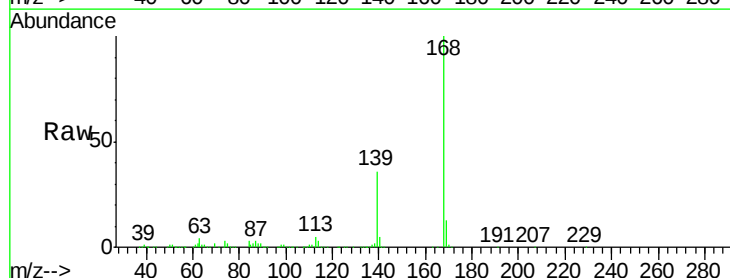
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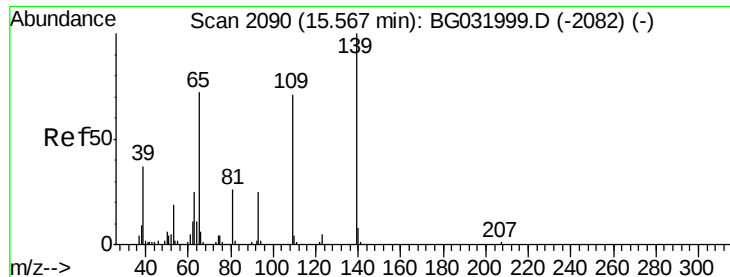
Sohil
 1/22/2018 5:27:15 PM



#54
 Dibenzofuran
 Concen: 46.884 ng
 RT: 15.78 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.2	28.6	43.0
169	13.0	11.2	16.8





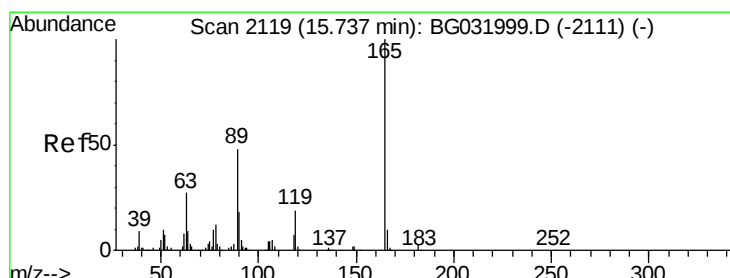
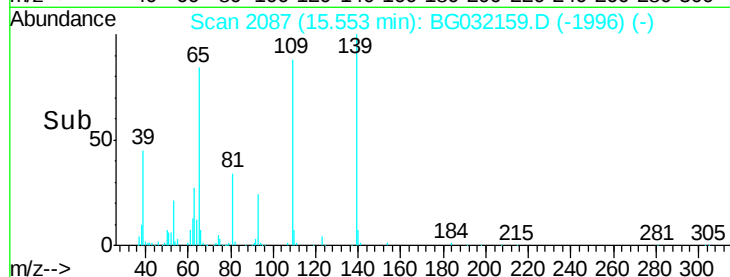
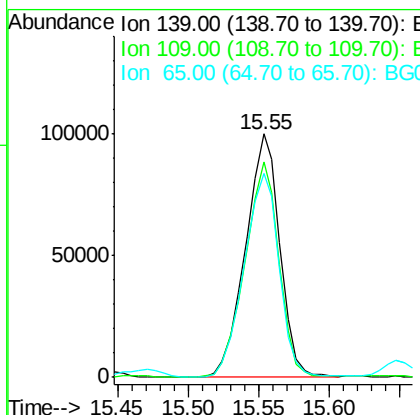
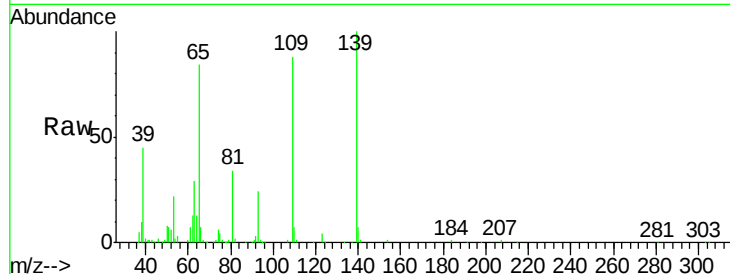
#55
4-Nitrophenol
Concen: 102.310 ng
RT: 15.55 min Scan# 2087
Delta R.T. 0.01 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	88.3	62.2	102.2
65	83.7	97.2	137.2

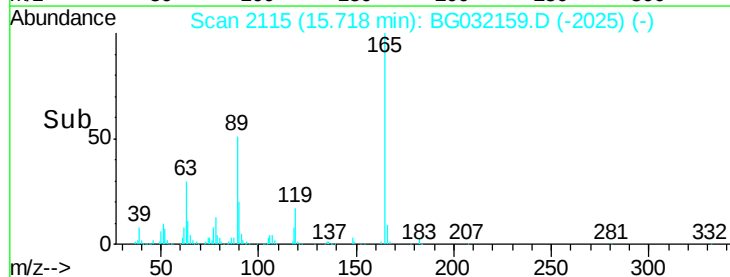
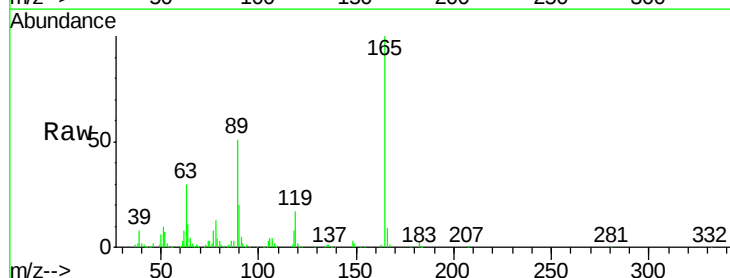
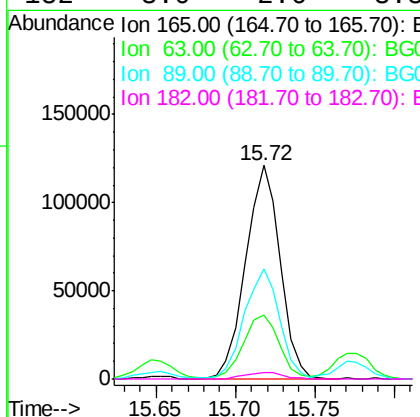
Manual Integrations
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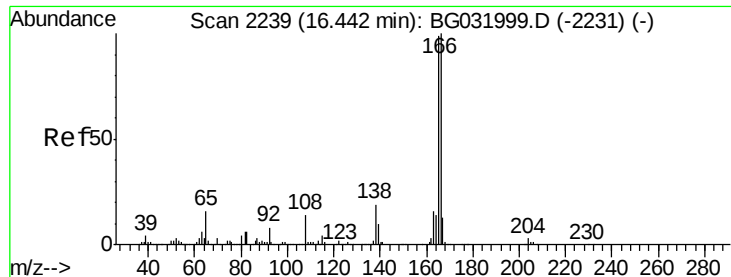
Sohil
1/22/2018 5:27:15 PM



#56
2,4-Dinitrotoluene
Concen: 53.685 ng
RT: 15.72 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	30.0	42.0	63.0
89	51.5	66.9	100.3
182	3.0	2.6	3.8





#57

Fluorene

Concen: 46.196 ng

RT: 16.42 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

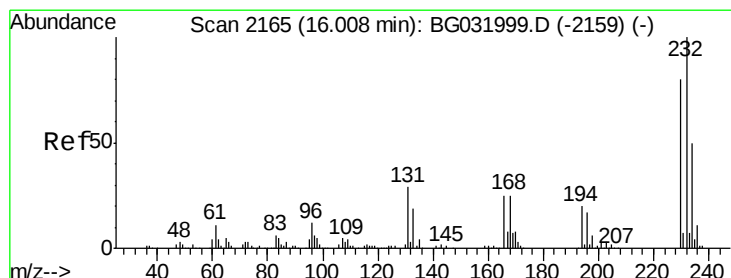
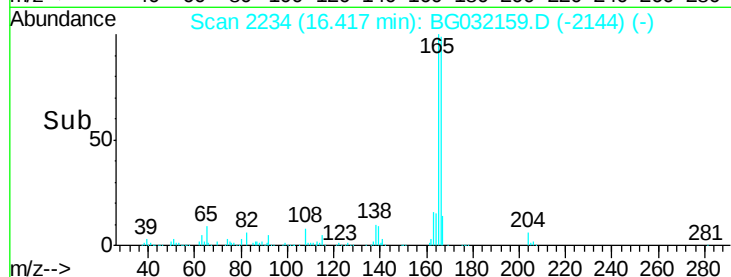
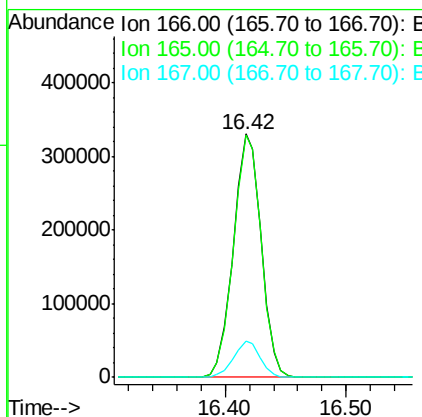
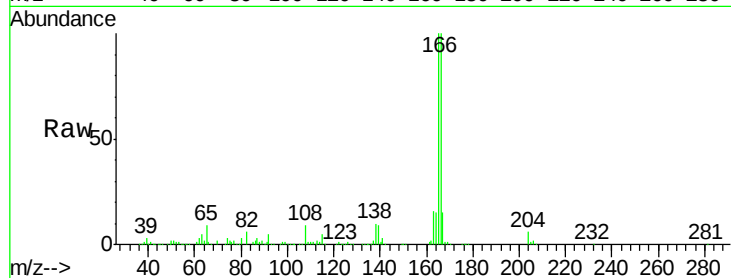
ClientSampleId :

BU-03-011718MSD

Tot Ion:	166	Resp:	528210
Ion Ratio	Lower	Upper	
166	100		
165	99.6	80.6	121.0
167	14.7	10.4	15.6

Manual Integrations
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Sohil
1/22/2018 5:27:15 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.297 ng

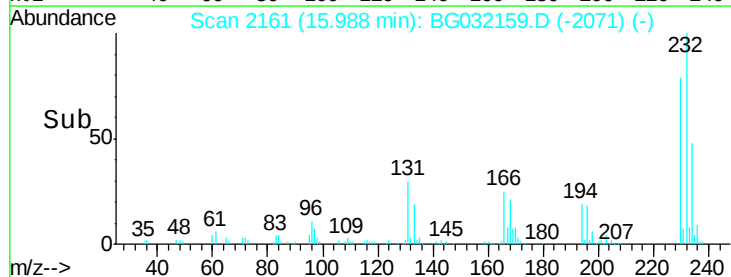
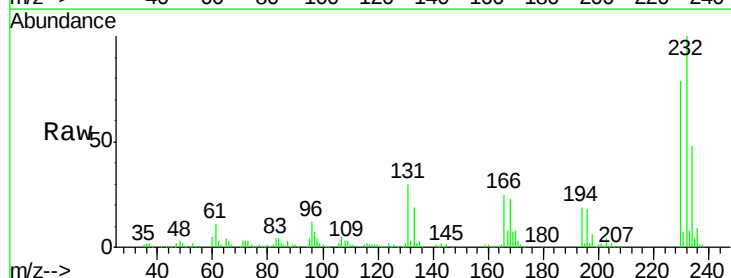
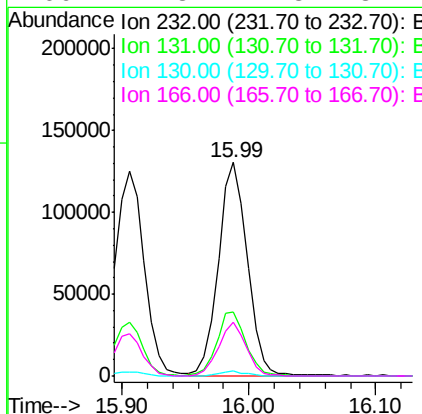
RT: 15.99 min Scan# 2161

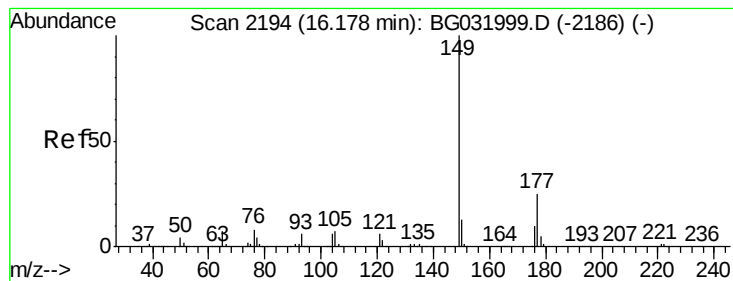
Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Tgt Ion:	232	Resp:	205475
Ion Ratio	Lower	Upper	
232	100		
131	30.2	33.5	50.3#
130	2.0	2.2	3.2#
166	24.3	24.8	37.2#





#59

Diethylphthalate

Concen: 46.544 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

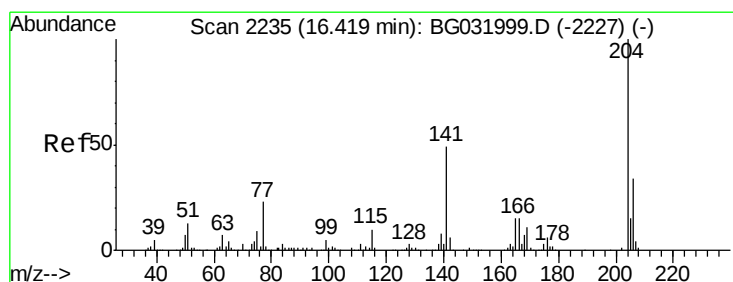
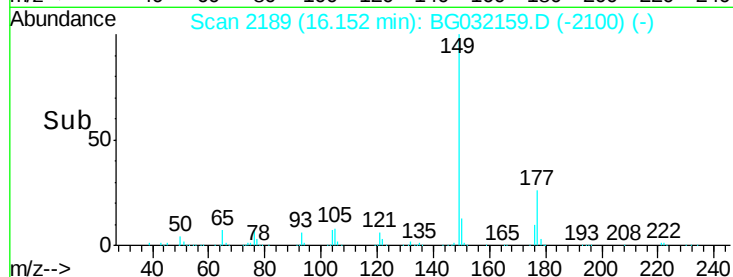
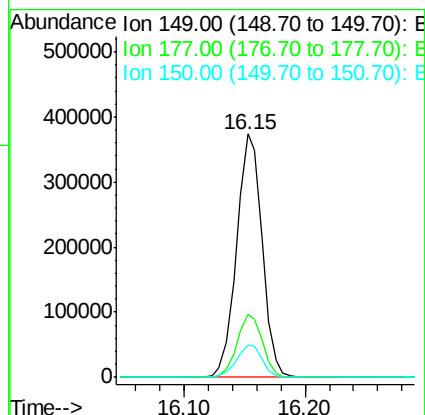
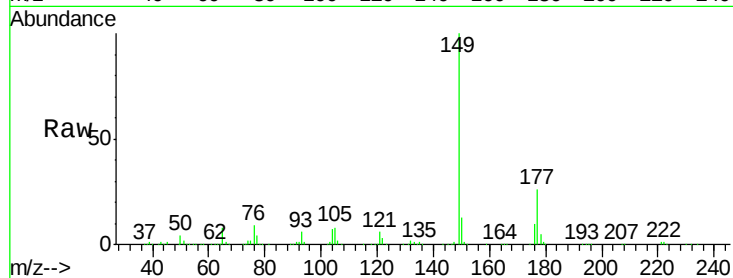
ClientSampleId :

BU-03-011718MSD

Tot Ion:	149	Resp:	549525
Ion Ratio	Lower	Upper	
149	100		
177	25.7	18.5	27.7
150	13.2	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 47.732 ng

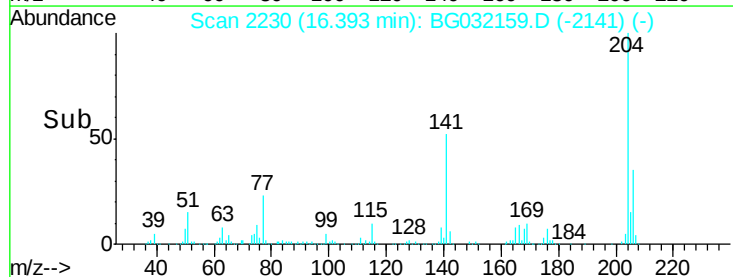
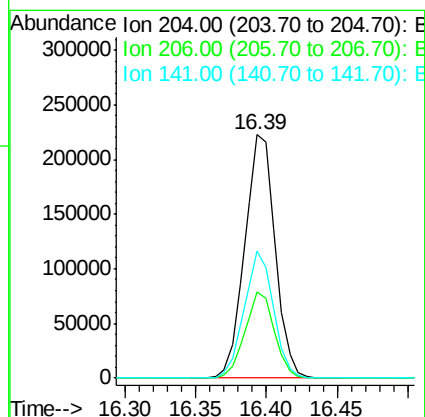
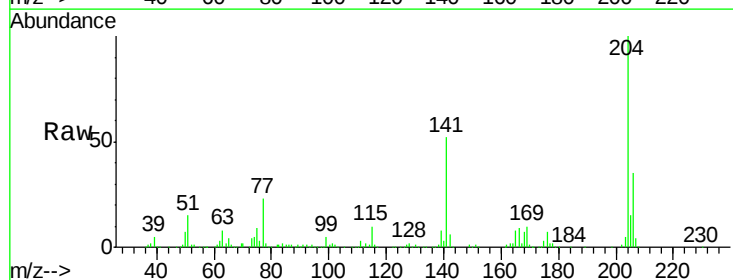
RT: 16.39 min Scan# 2230

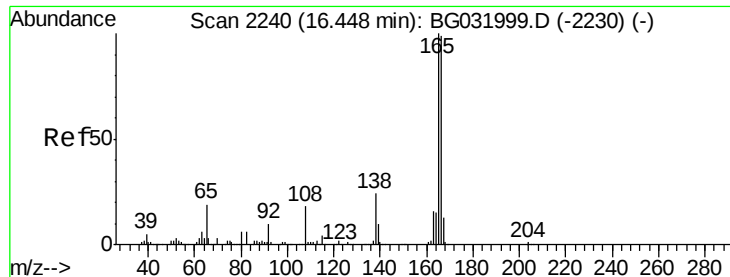
Delta R.T. -0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Tgt Ion:	204	Resp:	334795
Ion Ratio	Lower	Upper	
204	100		
206	35.3	26.2	39.2
141	52.3	45.8	68.6





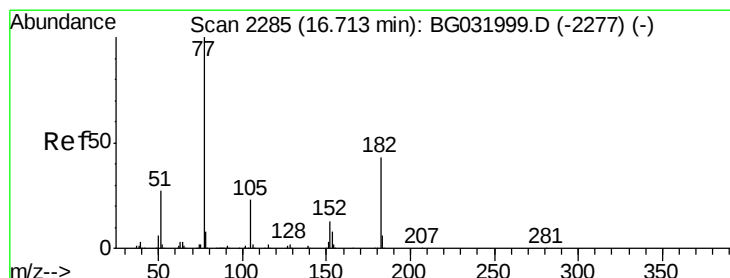
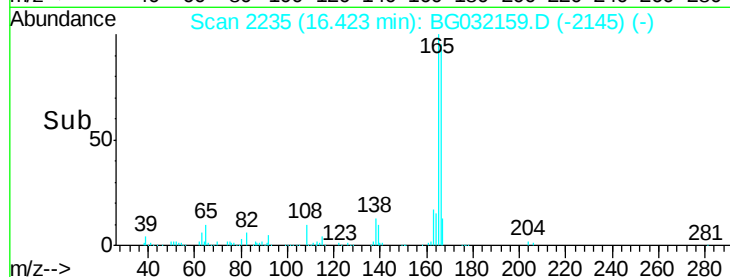
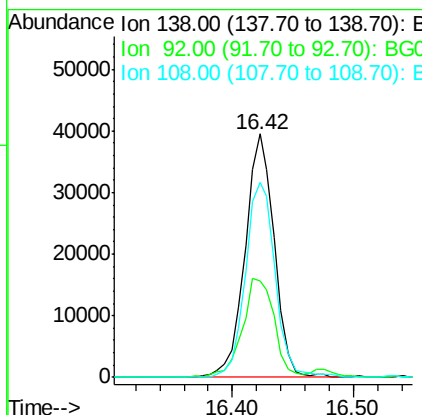
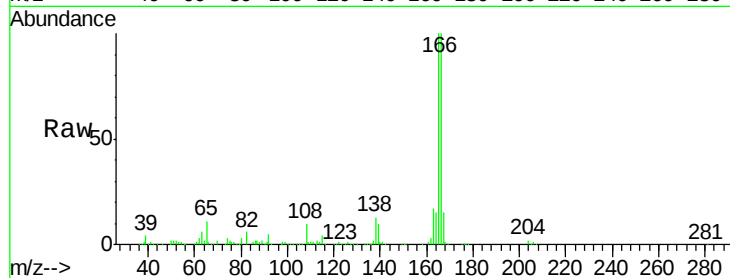
#61
4-Nitroaniline
Concen: 30.317 ng
RT: 16.42 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	39.9	40.1	80.1#
108	80.2	65.4	105.4

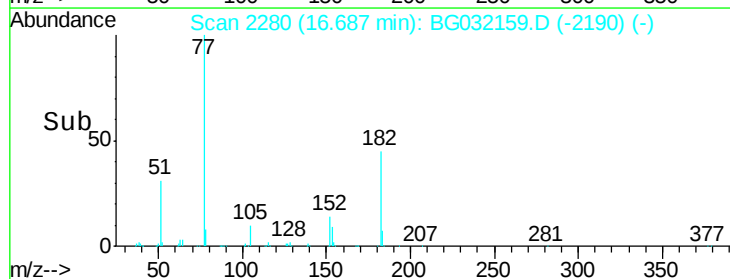
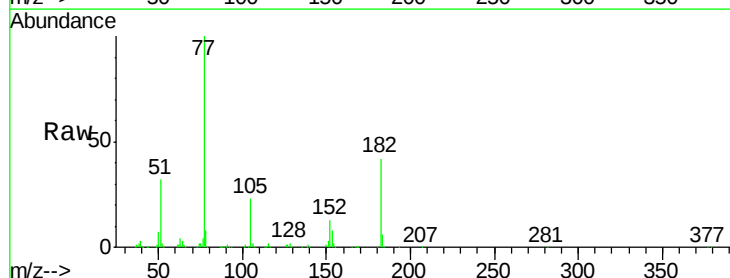
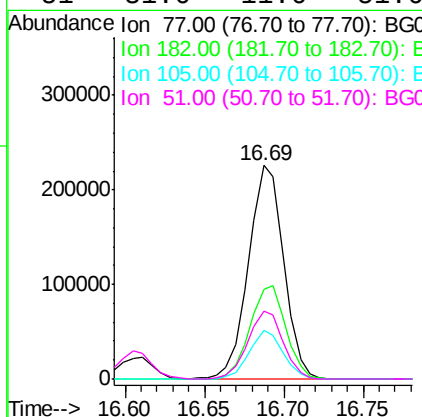
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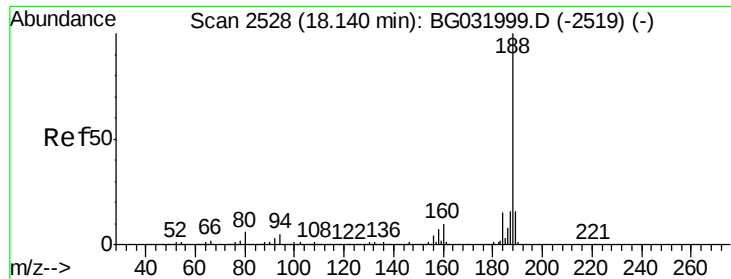
Sohil
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#62
Azobenzene
Concen: 47.226 ng
RT: 16.69 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	42.1	7.4	47.4
105	22.5	0.3	40.3
51	31.6	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.11 min Scan# 2523

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

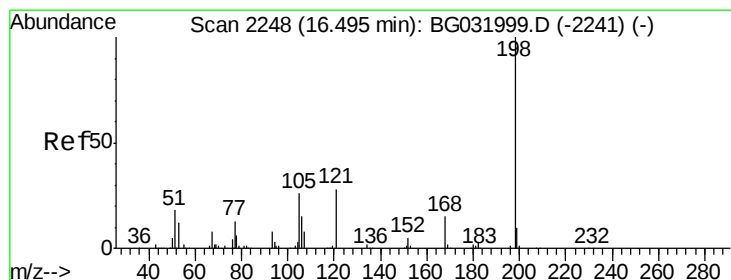
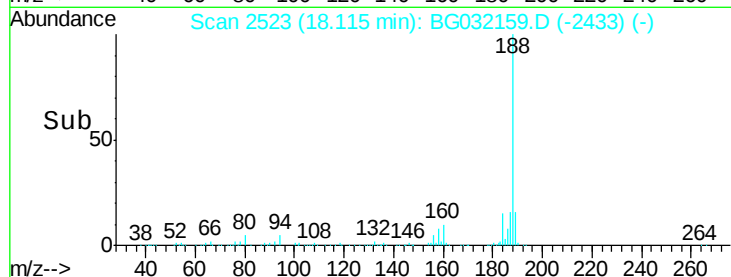
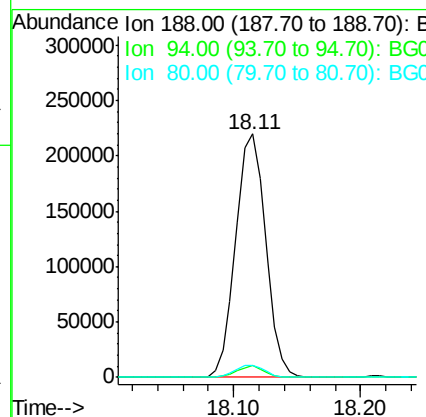
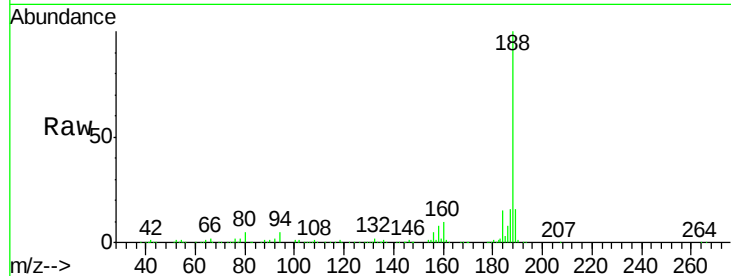
ClientSampleId :

BU-03-011718MSD

Tot Ion:	188	Resp:	359215
Ion Ratio		Lower	Upper
188	100		
94	4.8	6.9	10.3#
80	4.9	7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 49.712 ng

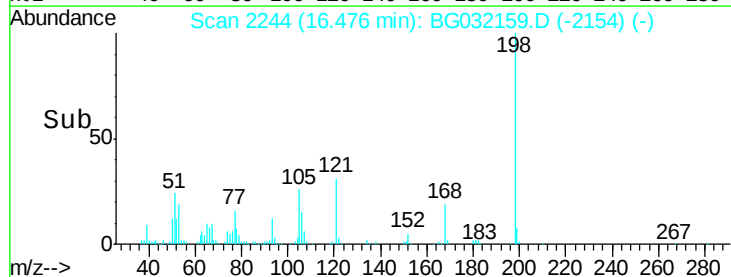
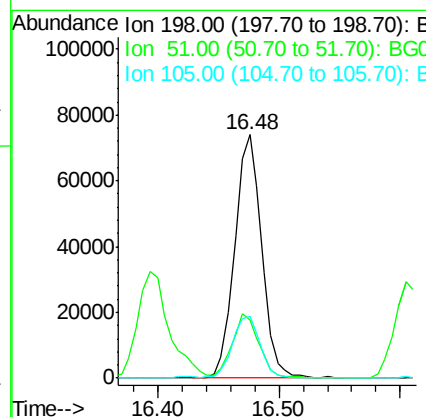
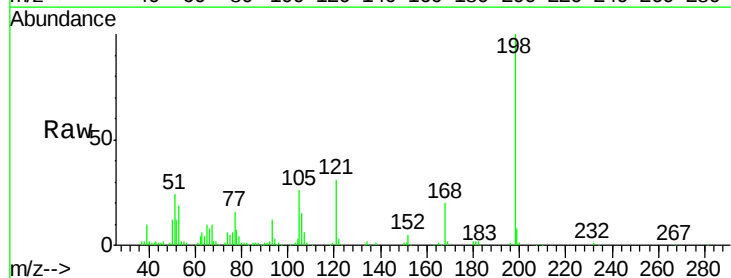
RT: 16.48 min Scan# 2244

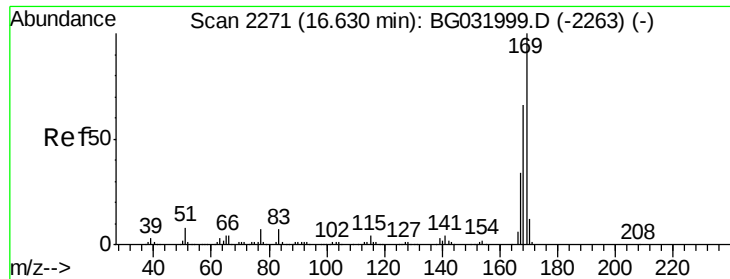
Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Tgt Ion:	198	Resp:	114744
Ion Ratio		Lower	Upper
198	100		
51	23.8	30.6	70.6#
105	25.7	23.8	63.8





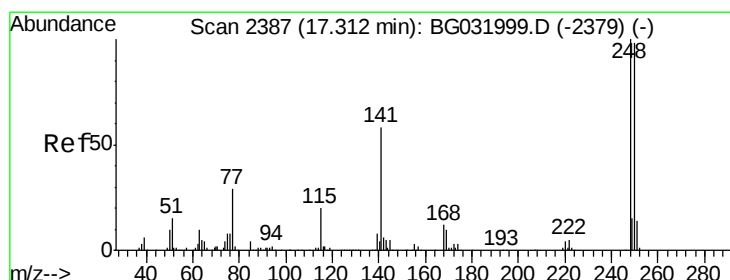
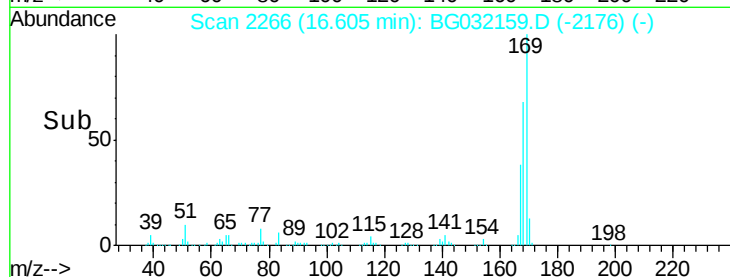
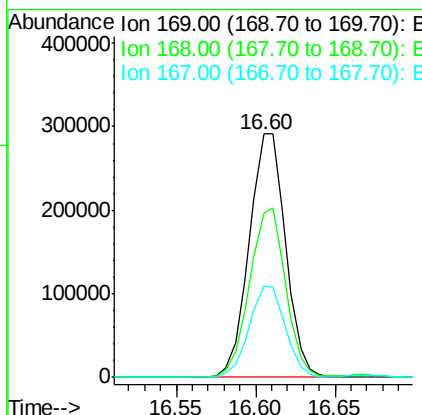
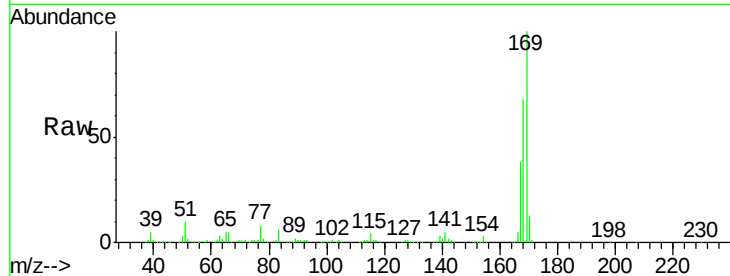
#65
n-Nitrosodiphenylamine
Concen: 42.682 ng
RT: 16.60 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.7	55.7	83.5
167	37.5	30.1	45.1

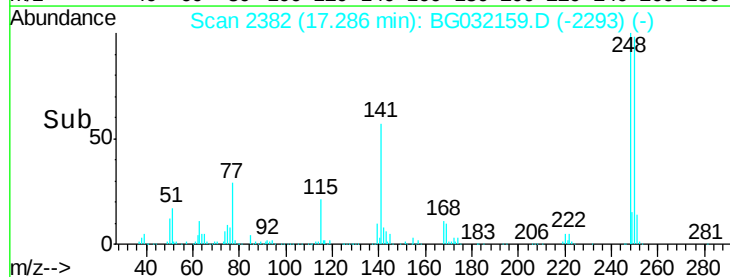
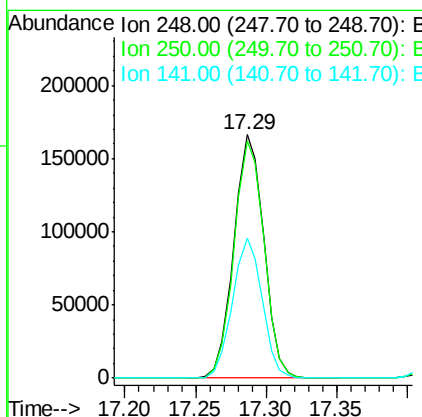
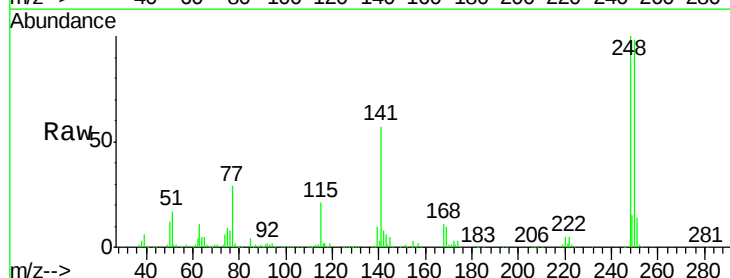
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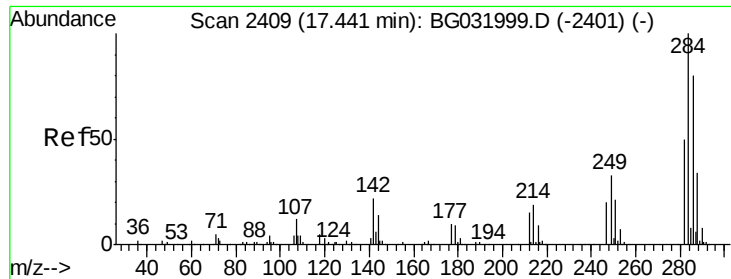
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 48.236 ng
RT: 17.29 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.1	115.7
141	57.5	50.8	76.2





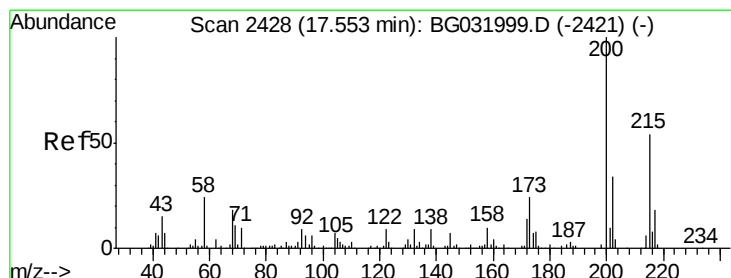
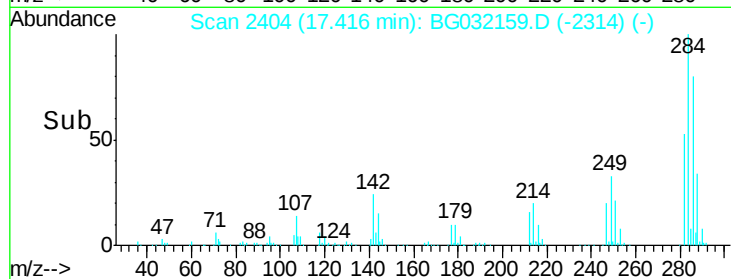
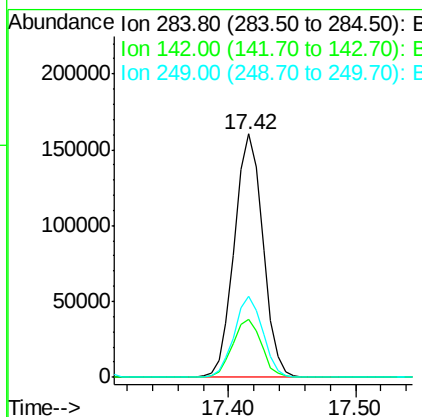
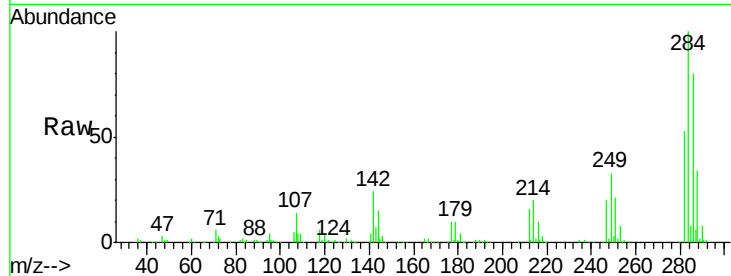
#67
Hexachlorobenzene
Concen: 44.022 ng
RT: 17.42 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	248923		
142	23.9	26.8	40.2#	
249	33.4	26.3	39.5	

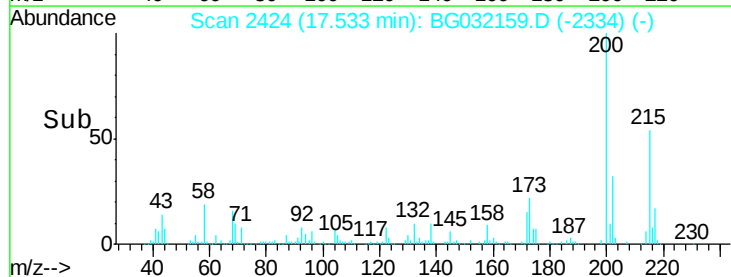
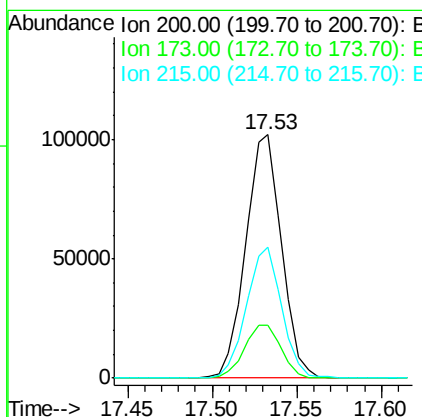
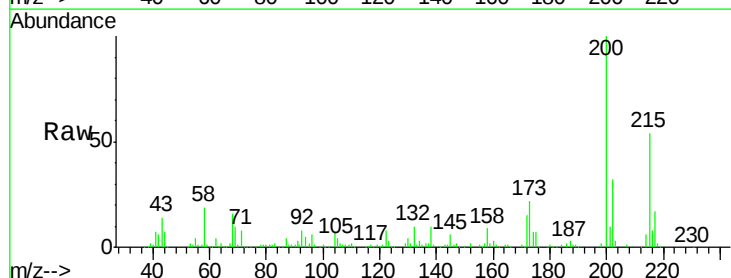
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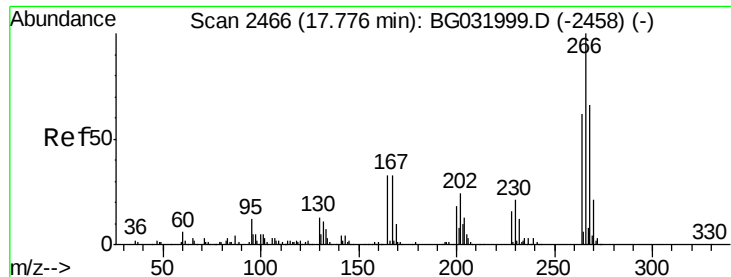
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#68
Atrazine
Concen: 32.761 ng
RT: 17.53 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	150174		
173	21.9	5.2	45.2	
215	53.6	30.4	70.4	





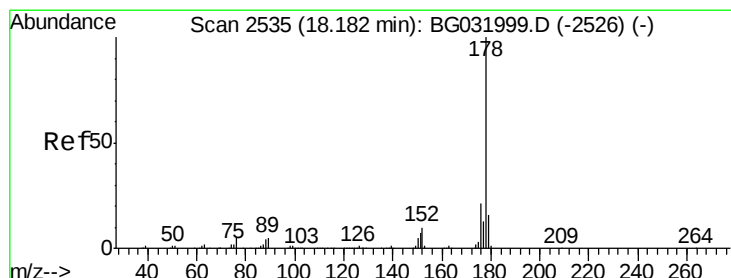
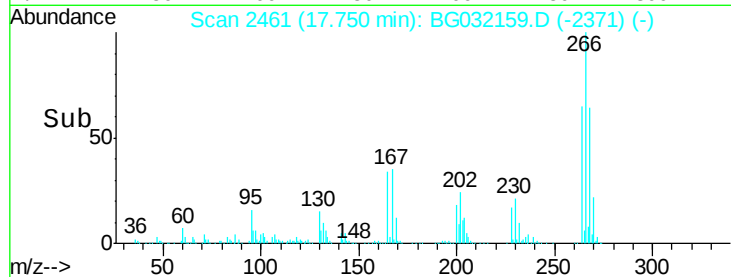
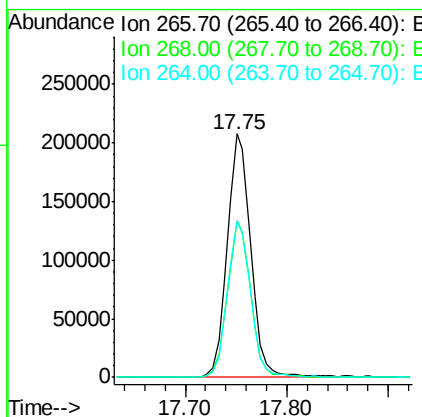
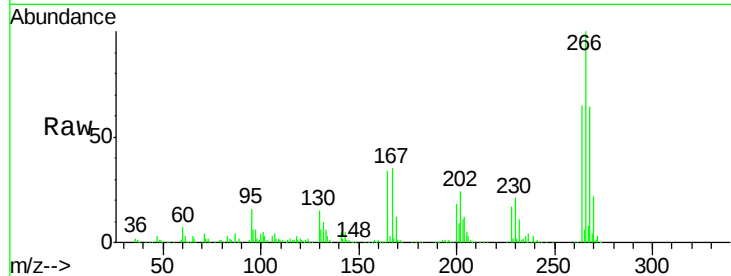
#69
 Pentachlorophenol
 Concen: 92.348 ng
 RT: 17.75 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.1	76.7
264	64.5	49.6	74.4

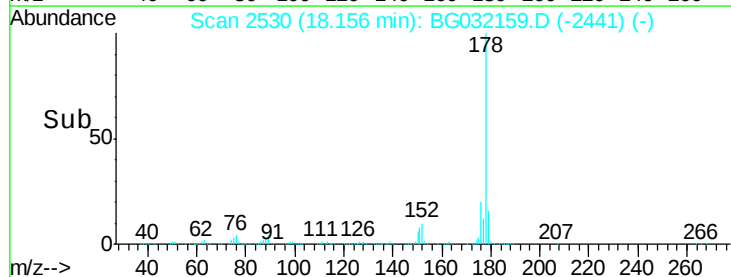
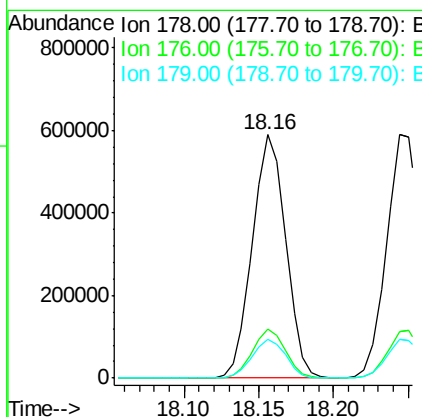
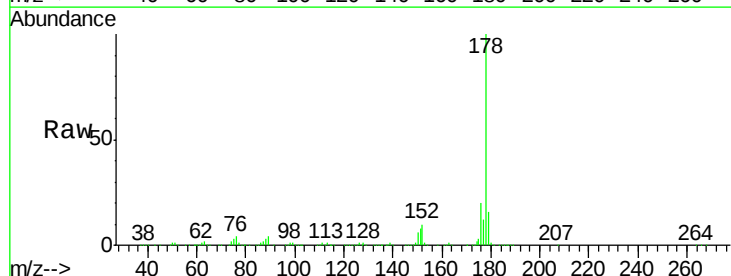
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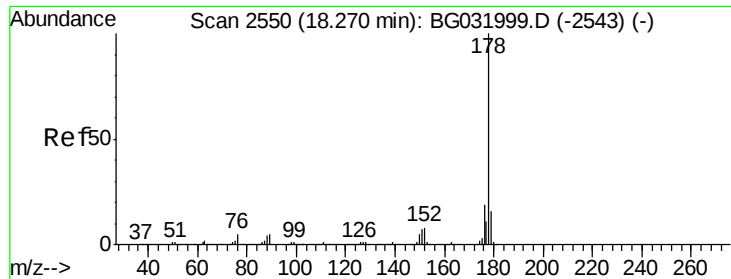
Sohil
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#70
 Phenanthrene
 Concen: 45.669 ng
 RT: 18.16 min Scan# 2530
 Delta R.T. -0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	16.0	12.5	18.7





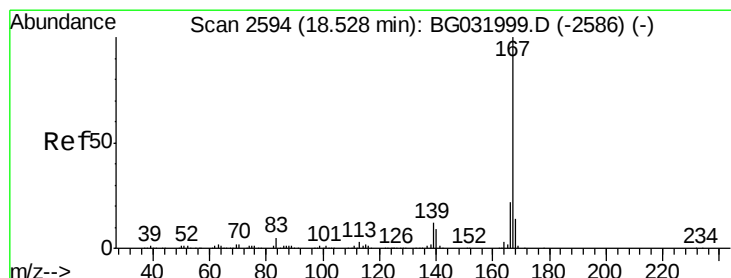
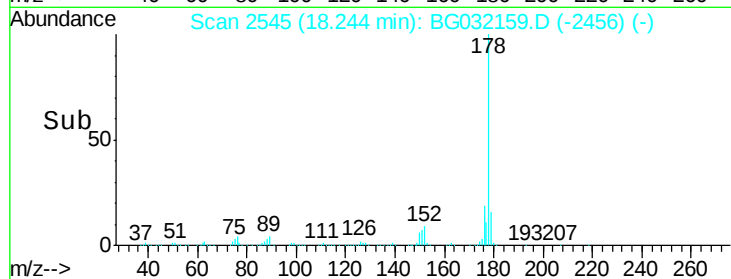
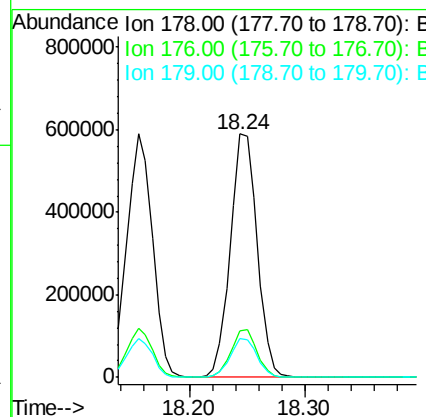
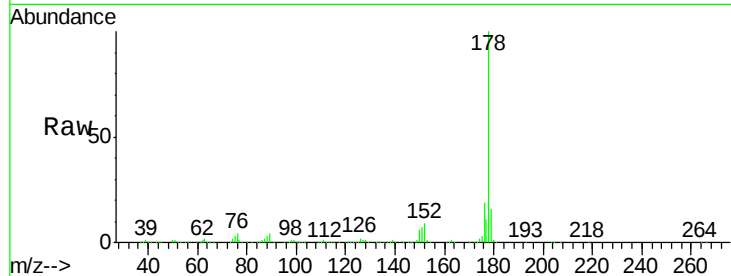
#71
 Anthracene
 Concen: 47.514 ng
 RT: 18.24 min Scan# 2545
 Delta R.T. -0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	15.8	12.5	18.7

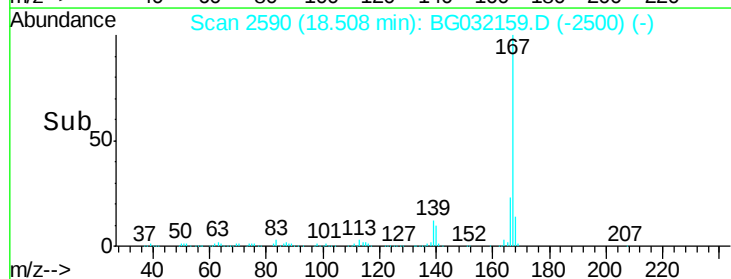
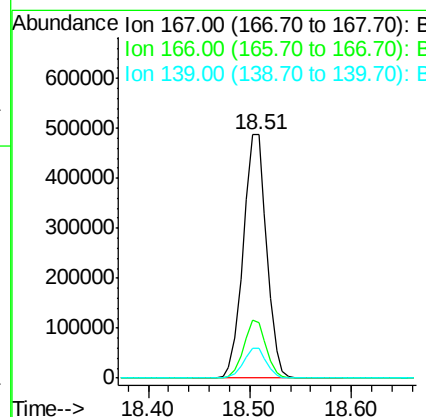
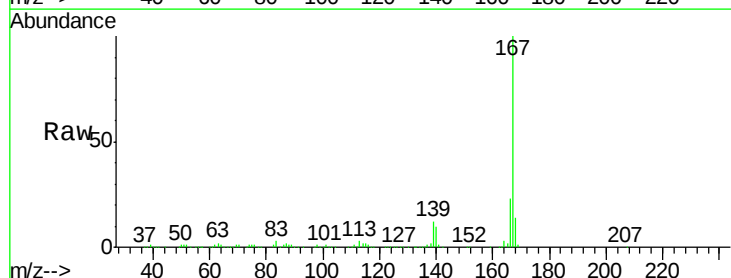
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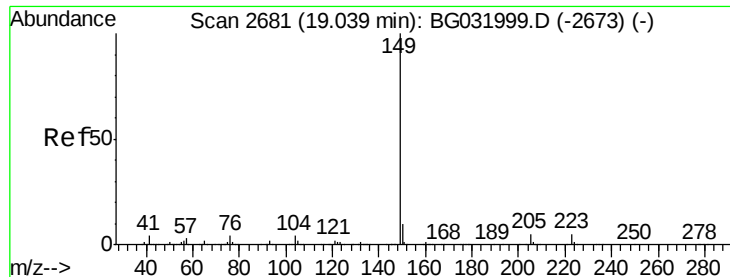
Sohil
 1/22/2018 5:27:15 PM



#72
 Carbazole
 Concen: 44.937 ng
 RT: 18.51 min Scan# 2590
 Delta R.T. 0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

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





#73

Di-n-butylphthalate

Concen: 45.137 ng

RT: 19.01 min Scan# 2676

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

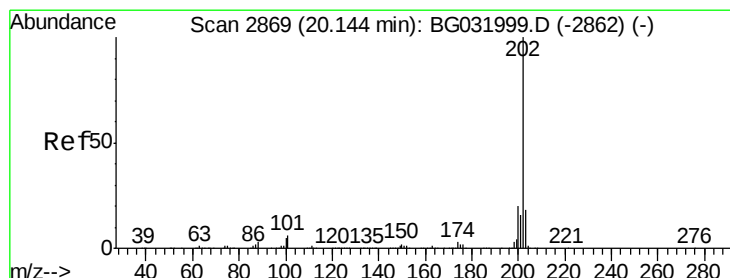
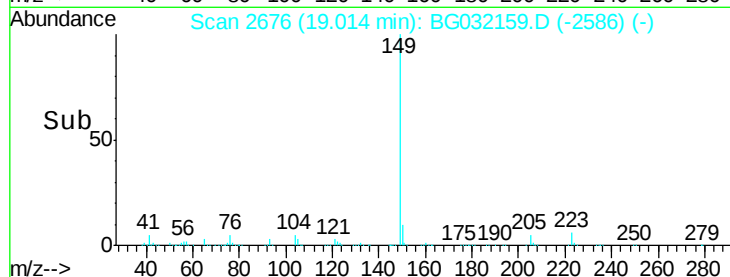
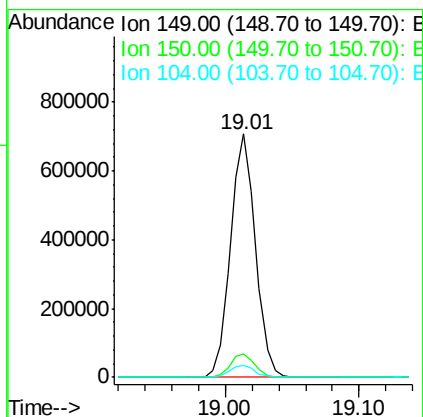
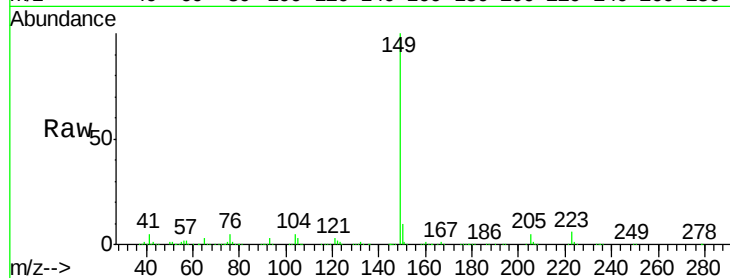
ClientSampleId :

BU-03-011718MSD

Tot Ion:	149	Resp:	922923
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	5.0	3.9	5.9

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#74

Fluoranthene

Concen: 47.869 ng

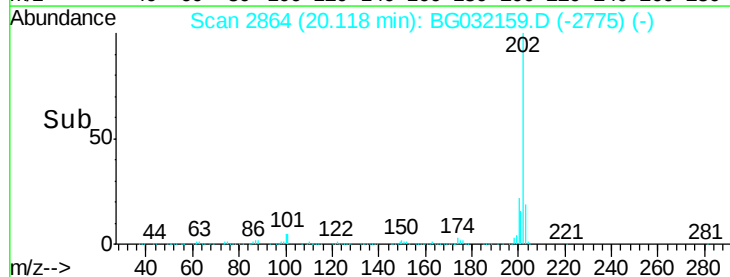
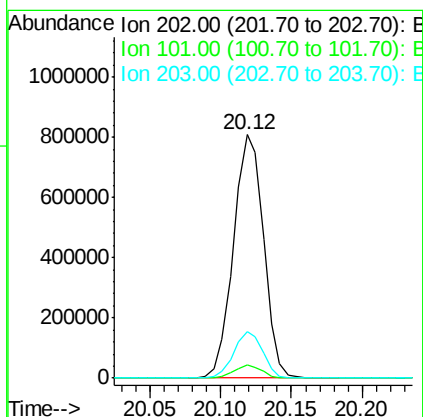
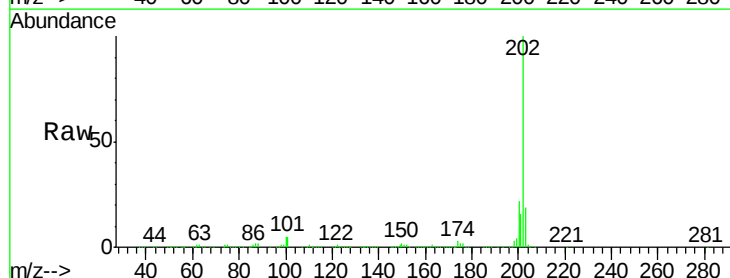
RT: 20.12 min Scan# 2864

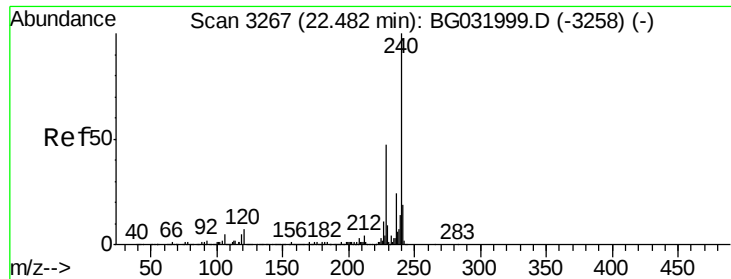
Delta R.T. -0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Tgt Ion:	202	Resp:	1198677
Ion Ratio	Lower	Upper	
202	100		
101	5.2	0.0	28.9
203	19.2	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.45 min Scan# 3261

Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

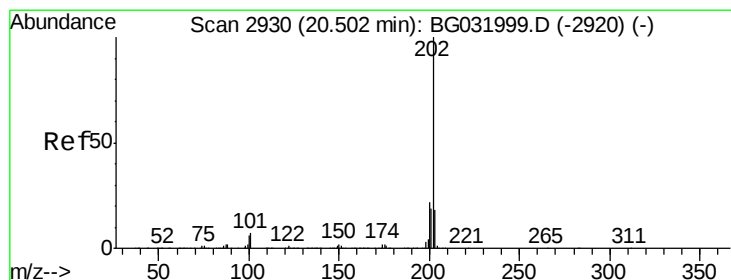
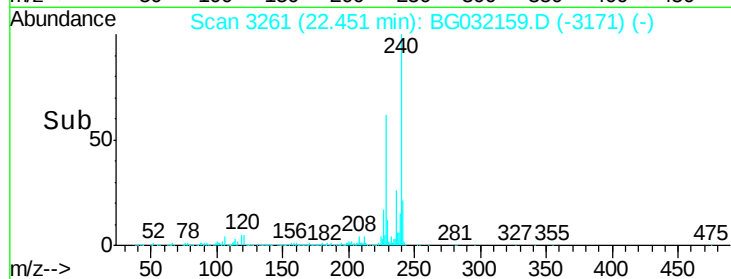
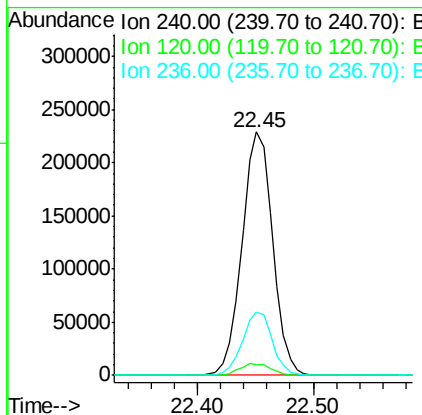
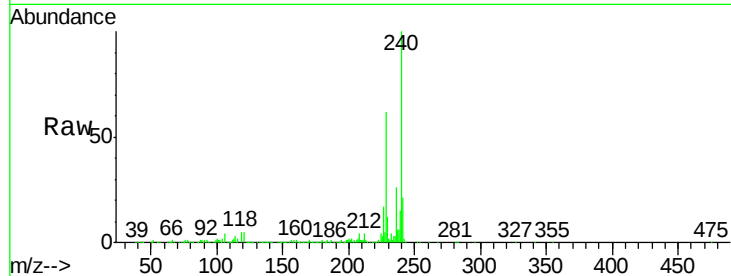
ClientSampleId :

BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.8	10.2#
236	25.8	20.9	31.3

Manual Integrations
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#77

Pyrene

Concen: 45.756 ng

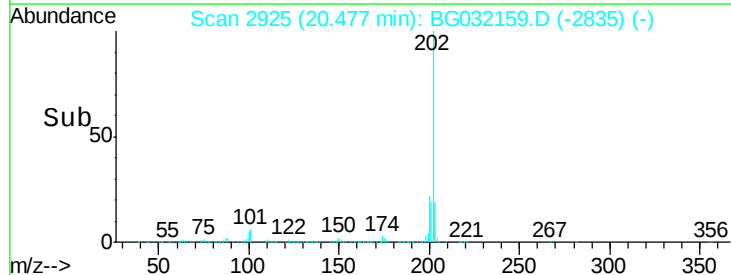
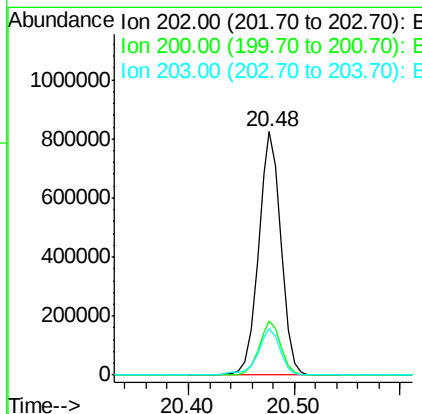
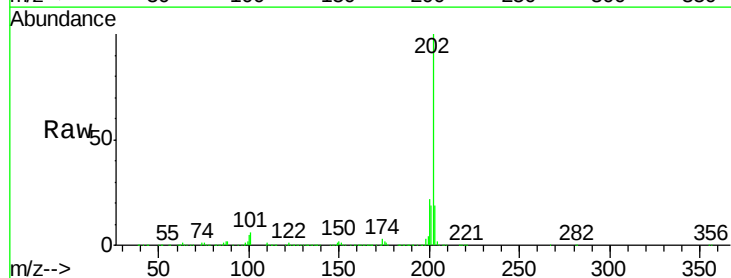
RT: 20.48 min Scan# 2925

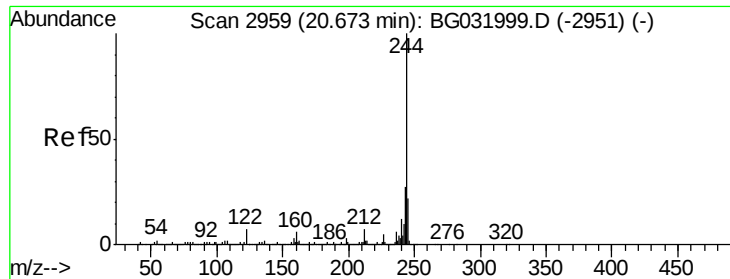
Delta R.T. 0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.9	25.3
203	19.0	13.9	20.9





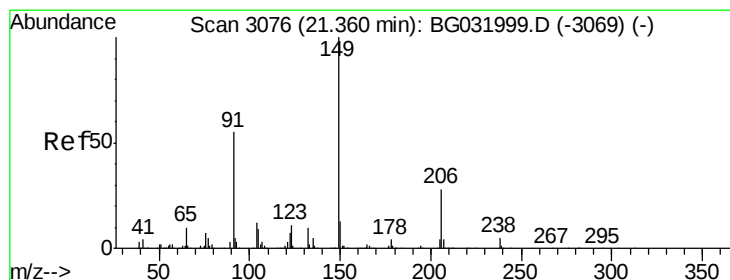
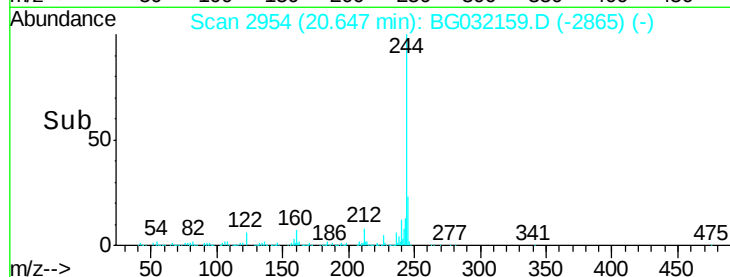
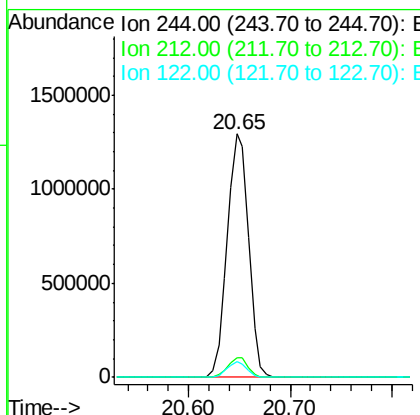
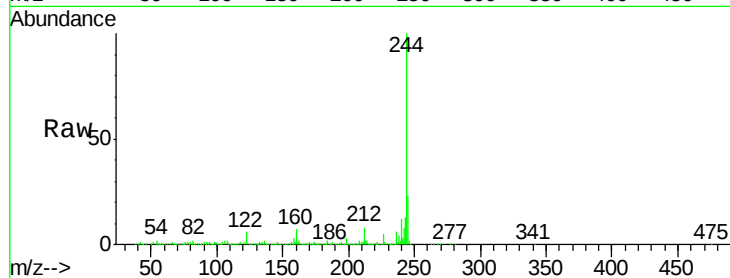
#78
 Terphenyl-d14
 Concen: 98.904 ng
 RT: 20.65 min Scan# 2954
 Delta R.T. -0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	6.5	7.0	10.4

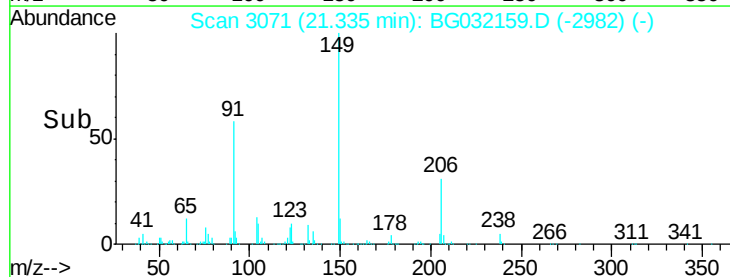
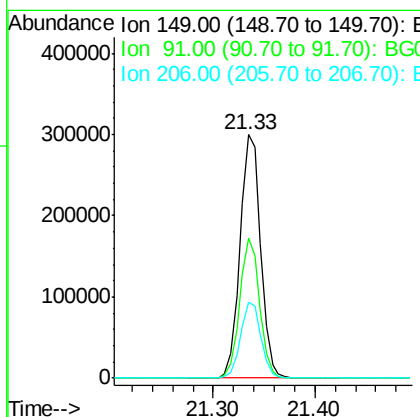
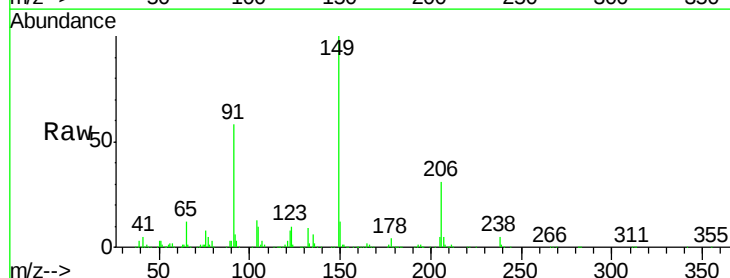
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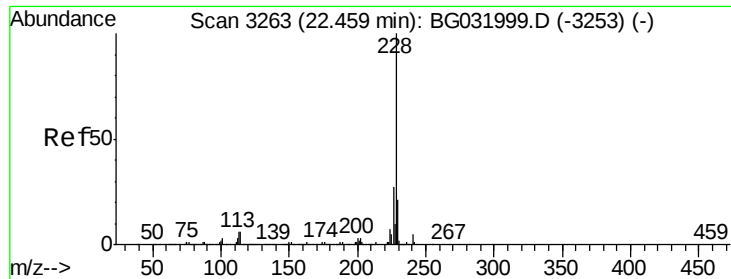
Sohil
 1/22/2018 5:27:15 PM



#79
 Butylbenzylphthalate
 Concen: 44.341 ng
 RT: 21.33 min Scan# 3071
 Delta R.T. -0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	57.7	62.2	93.2
206	31.3	18.6	27.8





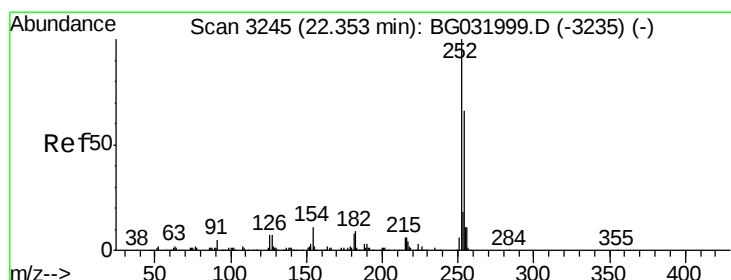
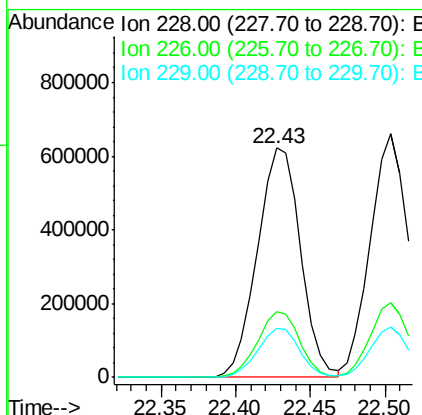
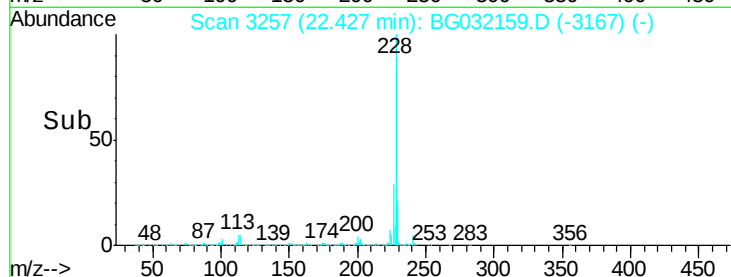
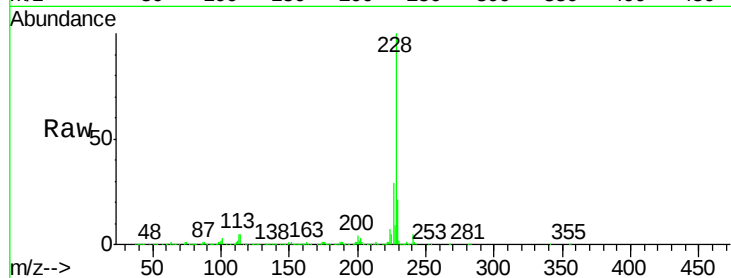
#80
Benzo(a)anthracene
Concen: 47.622 ng
RT: 22.43 min Scan# 3257
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	21.5	16.2	24.2

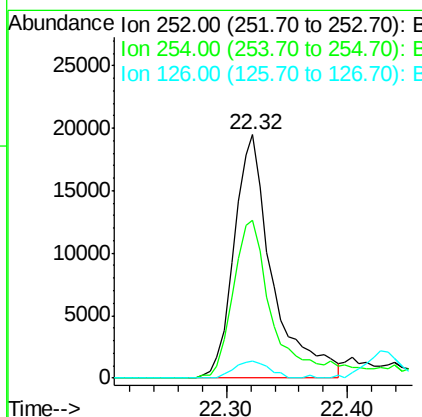
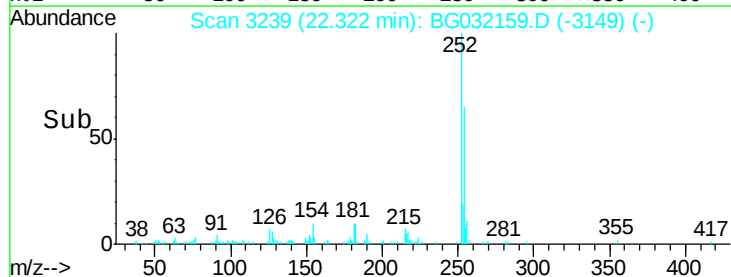
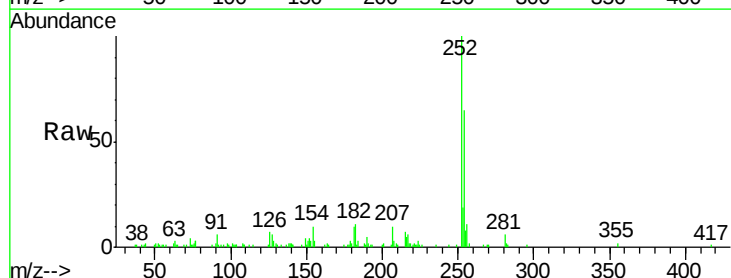
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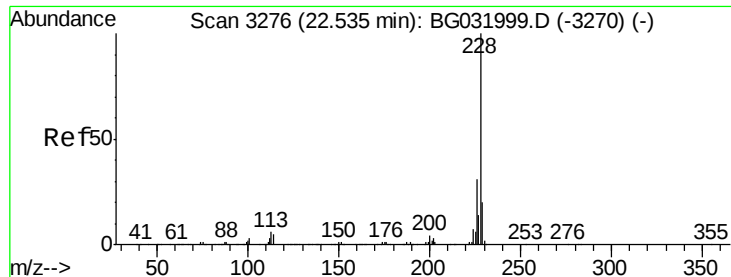
Sohil
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#81
3,3'-Dichlorobenzidine
Concen: 4.388 ng
RT: 22.32 min Scan# 3239
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.8	76.2
126	7.2	7.4	11.2#





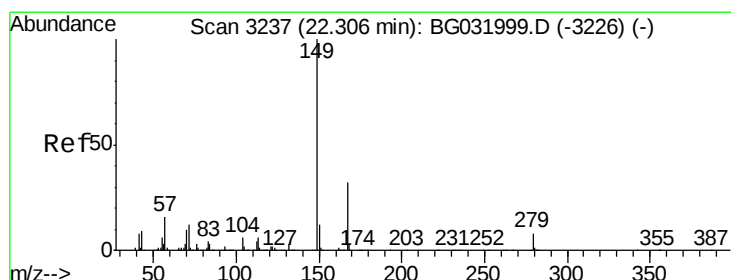
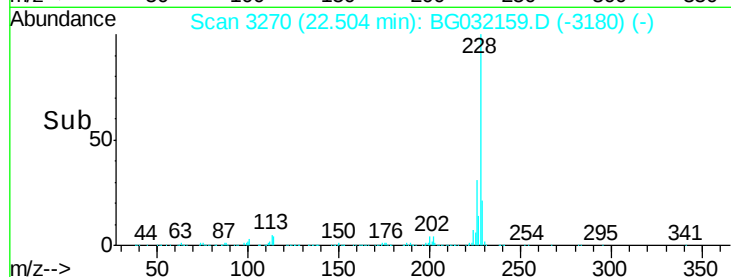
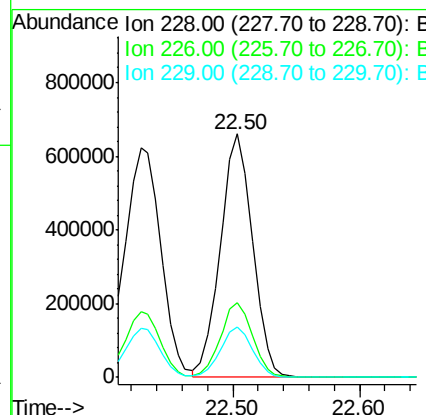
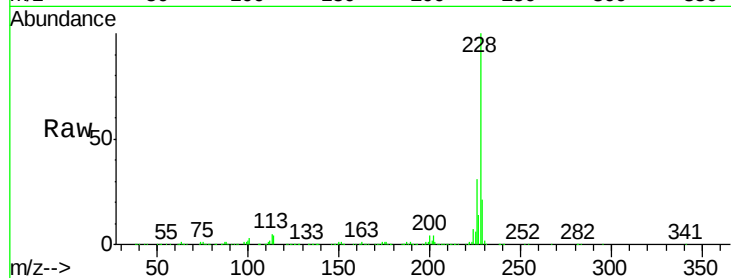
#82
 Chrysene
 Concen: 46.222 ng
 RT: 22.50 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.8	15.0	22.4

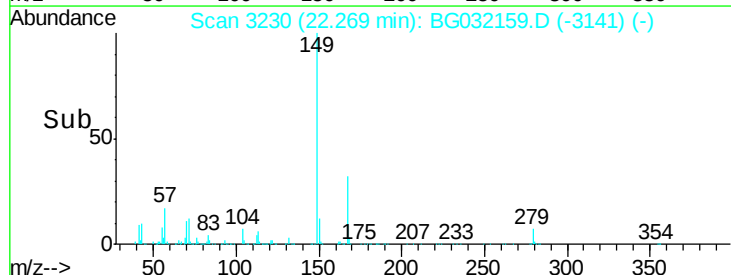
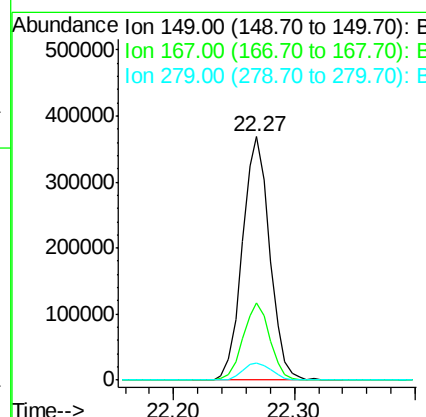
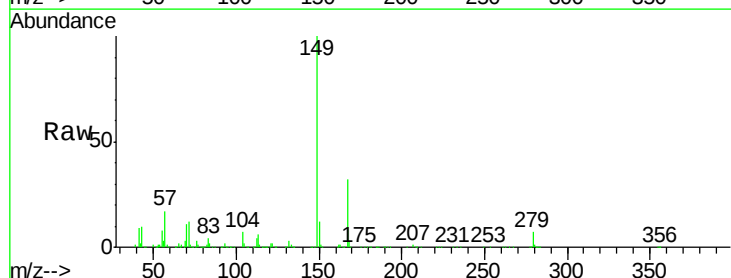
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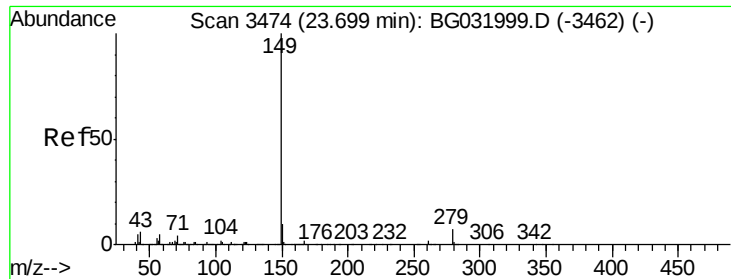
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.576 ng
 RT: 22.27 min Scan# 3230
 Delta R.T. -0.00 min
 Lab File: BG032159.D
 Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.6	24.3	36.5
279	7.1	4.0	6.0





#84

Di-n-octyl phthalate

Concen: 45.174 ng

RT: 23.65 min Scan# 3465

Delta R.T. -0.00 min

Lab File: BG032159.D

Acq: 19 Jan 2018 19:44

Instrument :

BNA_G

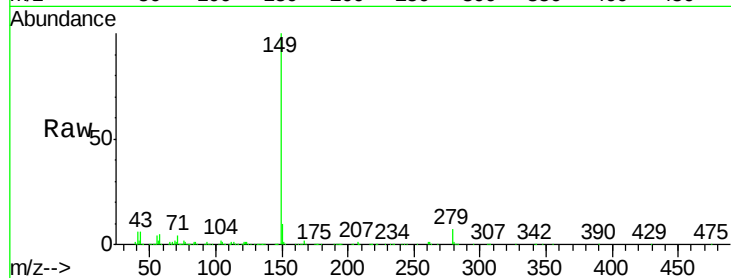
ClientSampleId :

BU-03-011718MSD

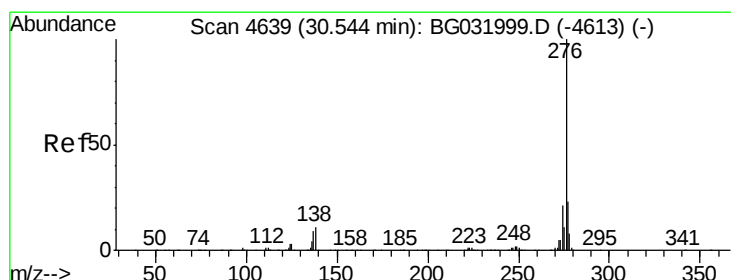
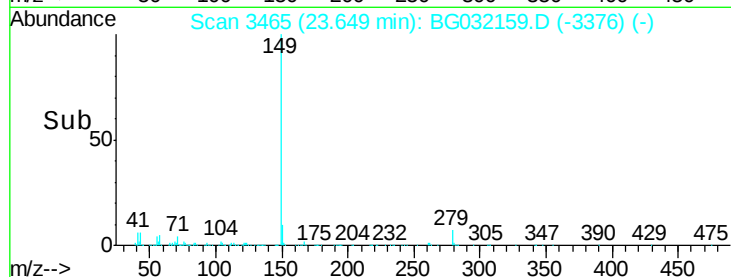
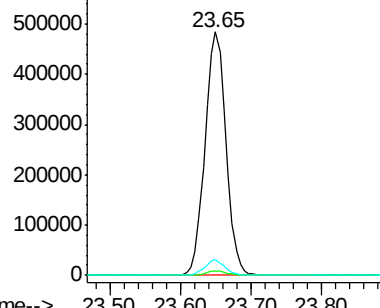
Tot Ion:	149	Resp:	999213
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	6.1	8.9	13.3#

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



#85

Indeno(1,2,3-cd)pyrene

Concen: 49.678 ng

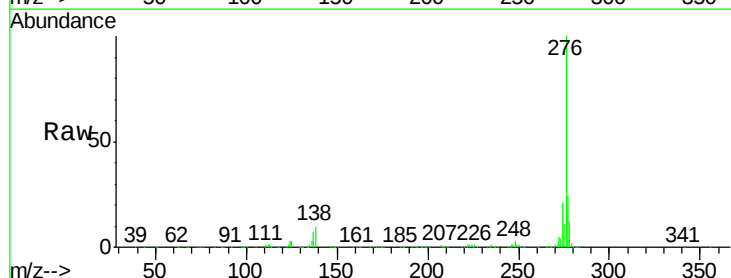
RT: 30.44 min Scan# 4621

Delta R.T. 0.00 min

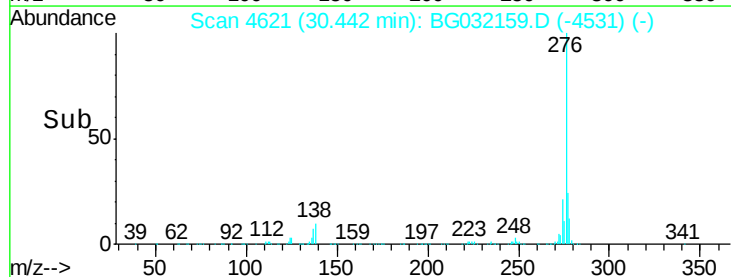
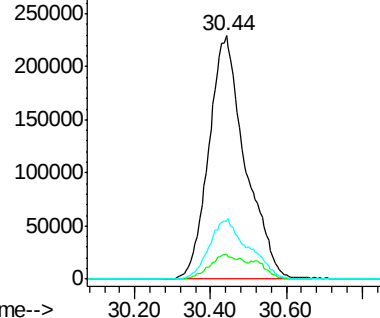
Lab File: BG032159.D

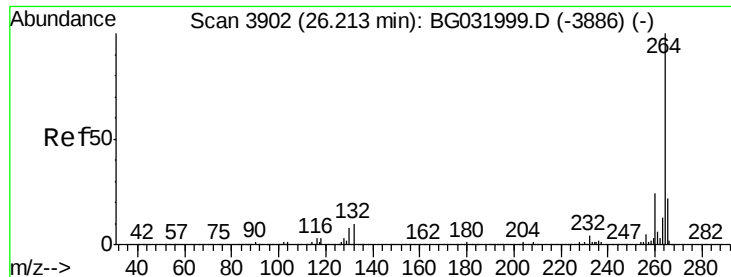
Acq: 19 Jan 2018 19:44

Tgt Ion:	276	Resp:	1531083
Ion Ratio	Lower	Upper	
276	100		
138	9.2	16.0	24.0#
277	26.6	20.0	30.0



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





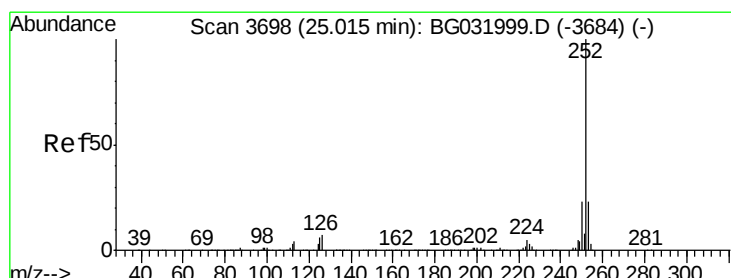
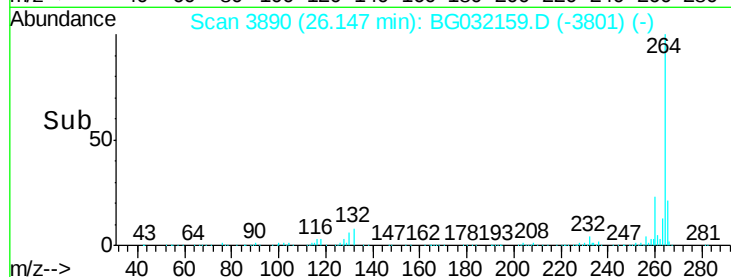
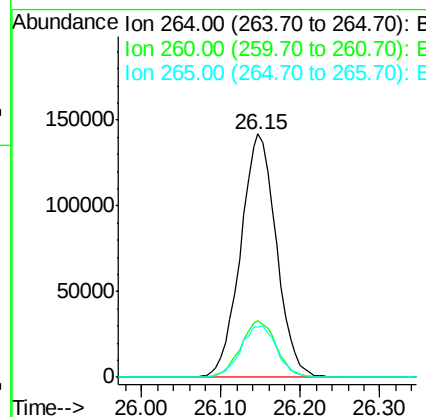
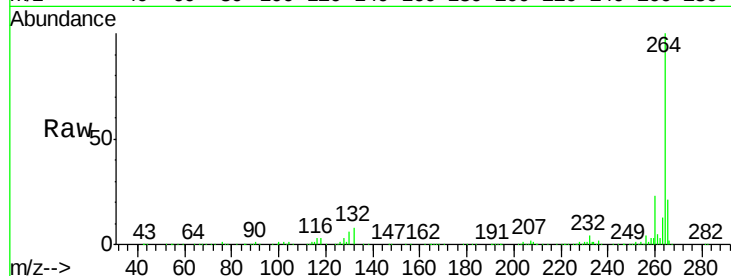
#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.15 min Scan# 3890
Delta R.T. -0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	20.9	17.7	26.5

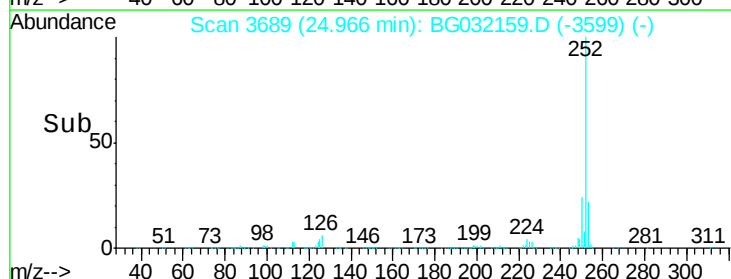
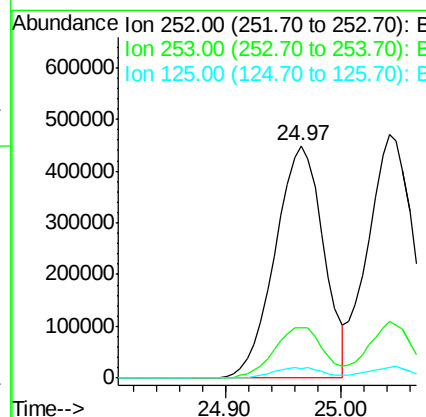
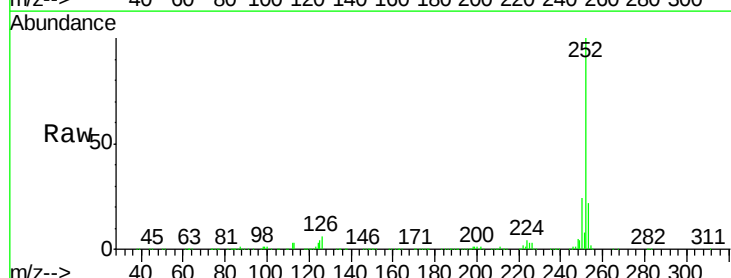
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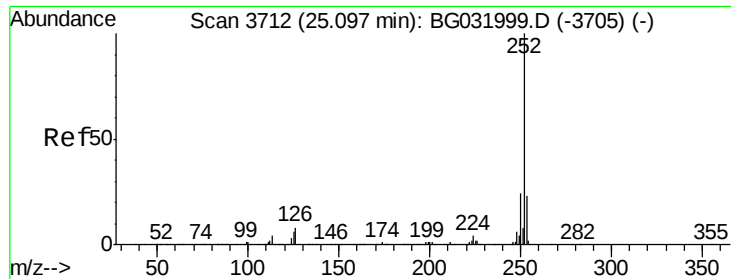
Sohil
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#87
Benzo(b)fluoranthene
Concen: 48.797 ng
RT: 24.97 min Scan# 3689
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	4.2	7.2	10.8





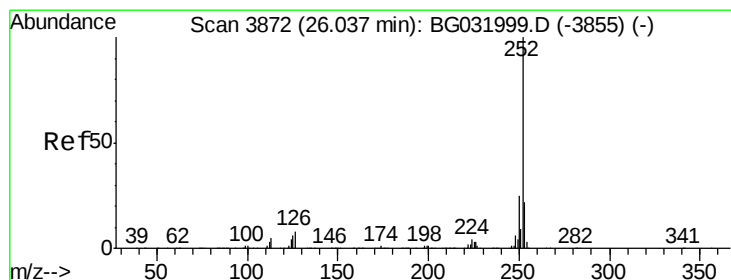
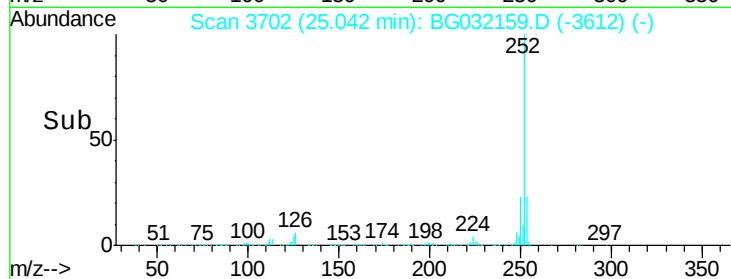
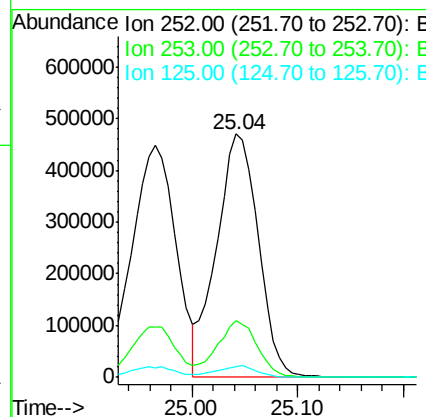
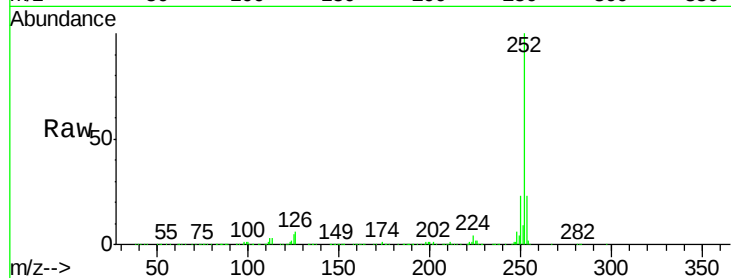
#88
Benzo(k)fluoranthene
Concen: 48.977 ng
RT: 25.04 min Scan# 3702
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	4.5	6.6	9.8

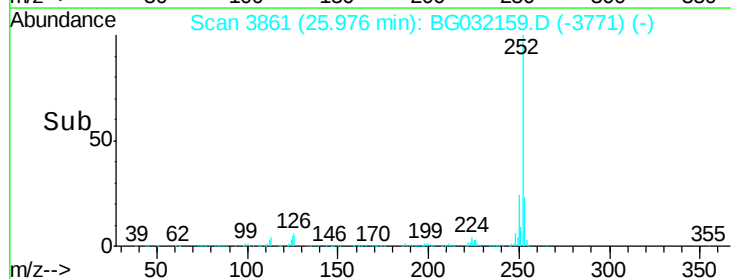
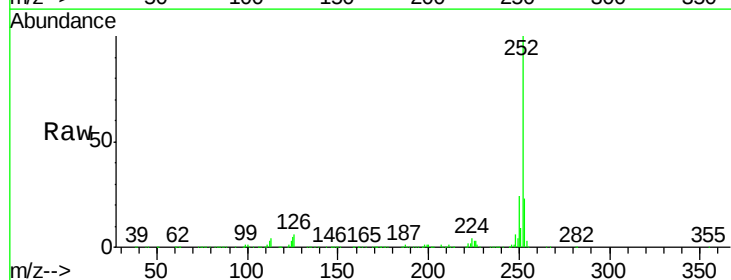
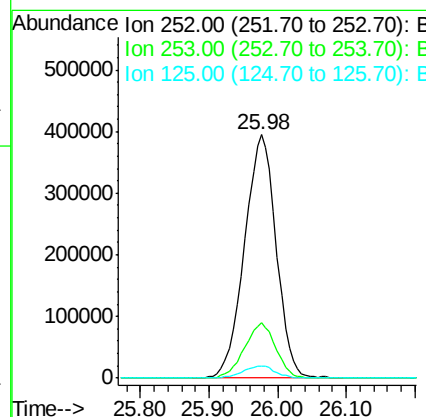
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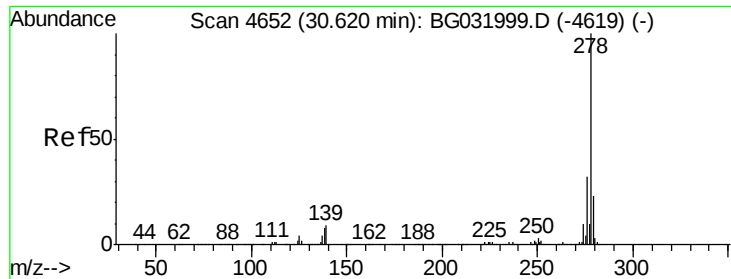
Sohil
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#89
Benzo(a)pyrene
Concen: 49.990 ng
RT: 25.98 min Scan# 3861
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	4.9	7.3	10.9





#90
Dibenzo(a,h)anthracene
Concen: 52.287 ng
RT: 30.52 min Scan# 4634
Delta R.T. 0.00 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

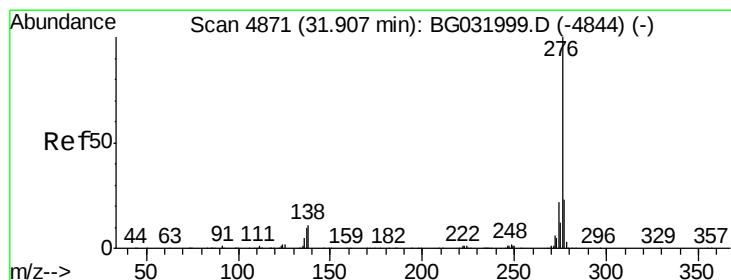
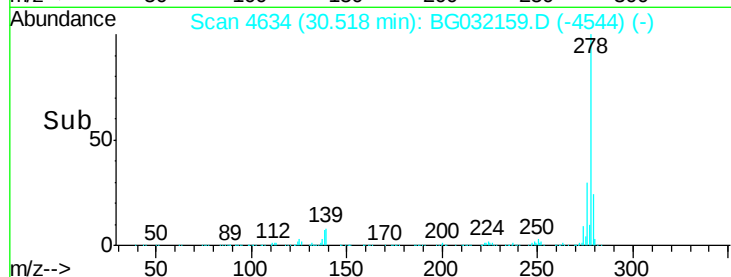
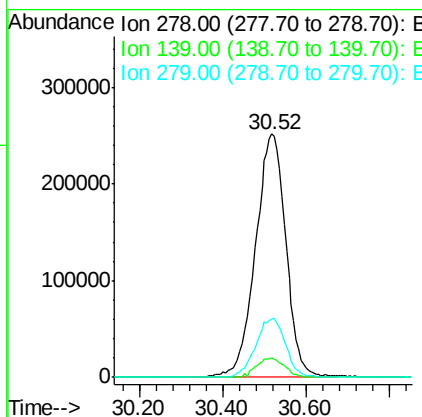
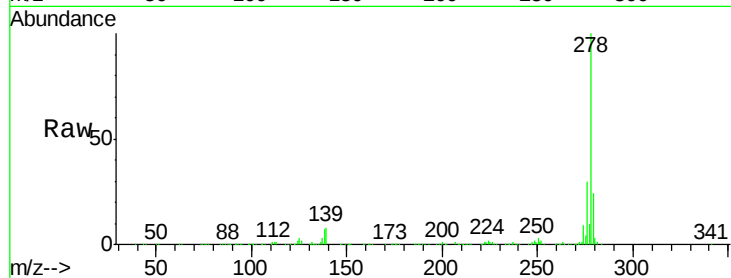
Instrument :
BNA_G
ClientSampleId :
BU-03-011718MSD

Tot Ion:278 Resp: 1278238

Ion	Ratio	Lower	Upper
278	100		
139	7.9	9.8	14.6#
279	23.9	18.4	27.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 49.679 ng
RT: 31.80 min Scan# 4852
Delta R.T. 0.01 min
Lab File: BG032159.D
Acq: 19 Jan 2018 19:44

Tgt Ion:276 Resp: 1241312

Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.3	27.5
138	10.3	13.9	20.9#

