

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
 Data File : BG031601.D
 Acq On : 15 Dec 2017 23:21
 Operator : SJ/JU
 Sample : I6830-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MAP-5-E(15-16)MSD

Manual Integrations
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Sohil
 12/18/2017 5:07:50 PM

Quant Time: Dec 18 16:34:33 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	72406	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	318768	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	222073	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	570031	20.00	ng	0.00
75) Chrysene-d12	21.74	240	626859	20.00	ng	0.00
86) Perylene-d12	25.02	264	562635	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	536764	131.40	ng	0.00
7) Phenol-d6	7.27	99	702800	123.93	ng	0.00
23) Nitrobenzene-d5	9.27	82	408018	78.89	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	346445	133.16	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1134970	75.02	ng	0.00
78) Terphenyl-d14	20.06	244	2038664	73.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	57361	29.430	ng	# 80
3) Pyridine	3.90	79	157309	30.654	ng	87
4) n-Nitrosodimethylamine	3.82	42	80546	33.323	ng	# 95
6) Aniline	7.42	93	176201	23.594	ng	91
8) 2-Chlorophenol	7.66	128	190036	41.707	ng	89
9) Benzaldehyde	7.24	77	123070	37.441	ng	88
10) Phenol	7.30	94	345433	59.297	ng	93
11) bis(2-Chloroethyl)ether	7.51	93	164965	34.695	ng	88
12) 1,3-Dichlorobenzene	7.99	146	199883m	36.888	ng	
13) 1,4-Dichlorobenzene	8.13	146	199761	35.472	ng	97
14) 1,2-Dichlorobenzene	8.45	146	194825	36.317	ng	97
15) Benzyl Alcohol	8.34	79	158678	35.770	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	244901	45.848	ng	91
17) 2-Methylphenol	8.55	107	167332	42.138	ng	95
18) Hexachloroethane	9.18	117	68706	36.194	ng	89
19) n-Nitroso-di-n-propylamine	8.90	70	138005	30.919	ng	# 92
20) 3+4-Methylphenols	8.88	107	238166	40.261	ng	94
22) Acetophenone	8.92	105	285965	37.395	ng	# 94
24) Nitrobenzene	9.31	77	204087	38.510	ng	# 88
25) Isophorone	9.83	82	384682	39.359	ng	# 91
26) 2-Nitrophenol	10.03	139	113205	43.199	ng	# 89
27) 2,4-Dimethylphenol	10.08	122	189755	47.667	ng	92
28) bis(2-Chloroethoxy)methane	10.30	93	242615	38.450	ng	95
29) 2,4-Dichlorophenol	10.57	162	218292	46.543	ng	93
30) 1,2,4-Trichlorobenzene	10.77	180	229333	38.280	ng	98
31) Naphthalene	10.96	128	595814	38.046	ng	99
33) 4-Chloroaniline	11.08	127	93397	13.736	ng	# 91
34) Hexachlorobutadiene	11.24	225	143574	36.129	ng	95
35) Caprolactam	11.85	113	79901m	43.385	ng	
36) 4-Chloro-3-methylphenol	12.20	107	217363	40.601	ng	88
37) 2-Methylnaphthalene	12.56	142	458959	37.852	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	305101	35.153	ng	96
40) Hexachlorocyclopentadiene	12.90	237	165273	62.427	ng	96
42) 2,4,6-Trichlorophenol	13.17	196	188868	42.593	ng	98

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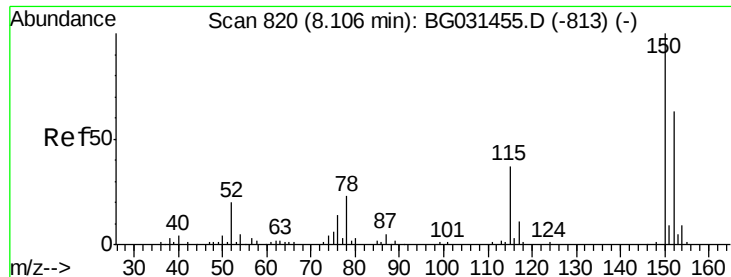
Manual Integrations
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 12/18/2017 5:07:50 PM

Quant Time: Dec 18 16:34:33 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.26	196	203295	42.560	ng	# 94
45) 1,1'-Biphenyl	13.56	154	640314	35.106	ng	95
46) 2-Chloronaphthalene	13.60	162	495684	37.130	ng	96
47) 2-Nitroaniline	13.82	65	141357	37.682	ng	# 76
48) Acenaphthylene	14.45	152	756158	35.201	ng	99
49) Dimethylphthalate	14.17	163	773844	42.090	ng	100
50) 2,6-Dinitrotoluene	14.30	165	158672	40.377	ng	# 74
51) Acenaphthene	14.79	154	472690	34.801	ng	99
52) 3-Nitroaniline	14.64	138	94990	23.712	ng	# 75
53) 2,4-Dinitrophenol	14.86	184	59049	40.984	ng	# 48
54) Dibenzofuran	15.12	168	788211	36.366	ng	99
55) 4-Nitrophenol	14.97	139	227390	83.829	ng	# 80
56) 2,4-Dinitrotoluene	15.10	165	229469	41.112	ng	# 74
57) Fluorene	15.77	166	625470	36.015	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	205457	45.761	ng	# 88
59) Diethylphthalate	15.53	149	677517	36.764	ng	98
60) 4-Chlorophenyl-phenylether	15.75	204	374565	35.252	ng	91
61) 4-Nitroaniline	15.80	138	164611	39.157	ng	87
62) Azobenzene	16.05	77	530514	34.751	ng	92
64) 4,6-Dinitro-2-methylphenol	15.87	198	114046	34.583	ng	# 74
65) n-Nitrosodiphenylamine	15.97	169	602132	36.088	ng	99
66) 4-Bromophenyl-phenylether	16.65	248	249555	37.649	ng	99
67) Hexachlorobenzene	16.78	284	254131	37.128	ng	95
68) Atrazine	16.91	200	263894	43.256	ng	97
69) Pentachlorophenol	17.13	266	207747	64.335	ng	98
70) Phenanthrene	17.51	178	1085389	36.459	ng	98
71) Anthracene	17.60	178	1103357	37.474	ng	98
72) Carbazole	17.87	167	1055172	39.601	ng	99
73) Di-n-butylphthalate	18.40	149	1180311	38.359	ng	99
74) Fluoranthene	19.52	202	1430883	38.406	ng	96
76) Benzidine	19.69	184	551129	37.779	ng	98
77) Pyrene	19.87	202	1450529	37.240	ng	96
79) Butylbenzylphthalate	20.74	149	555286	40.638	ng	84
80) Benzo(a)anthracene	21.72	228	1414559	37.386	ng	98
81) 3,3'-Dichlorobenzidine	21.62	252	395537	30.037	ng	99
82) Chrysene	21.79	228	1336263	36.840	ng	97
83) Bis(2-ethylhexyl)phthalate	21.59	149	764231	38.875	ng	99
84) Di-n-octyl phthalate	22.81	149	1230261	37.939	ng	# 94
85) Indeno(1,2,3-cd)pyrene	28.80	276	1337781	34.510	ng	98
87) Benzo(b)fluoranthene	23.97	252	1307297	38.864	ng	99
88) Benzo(k)fluoranthene	24.05	252	1273792	37.107	ng	98
89) Benzo(a)pyrene	24.87	252	1240342	38.871	ng	99
90) Dibenzo(a,h)anthracene	28.83	278	1120127	36.709	ng	98
91) Benzo(g,h,i)perylene	29.97	276	1183988	39.468	ng	99

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



#1

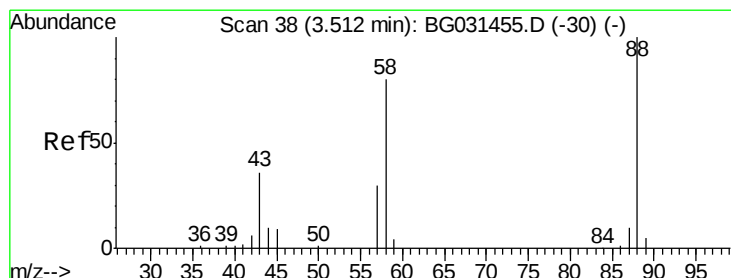
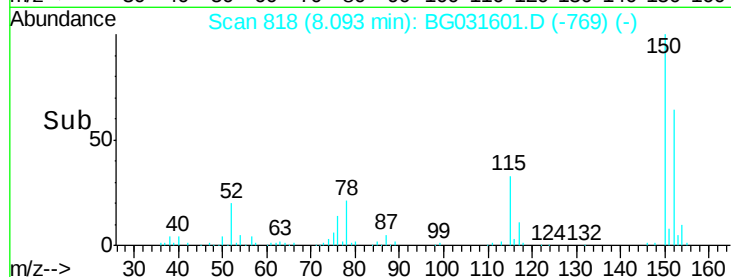
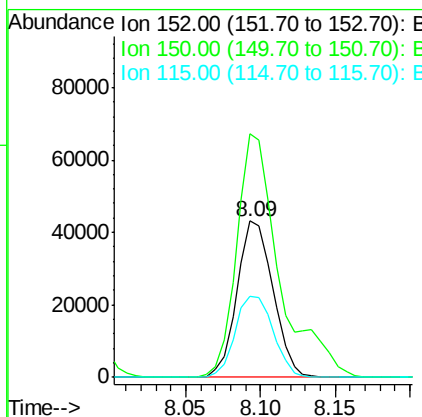
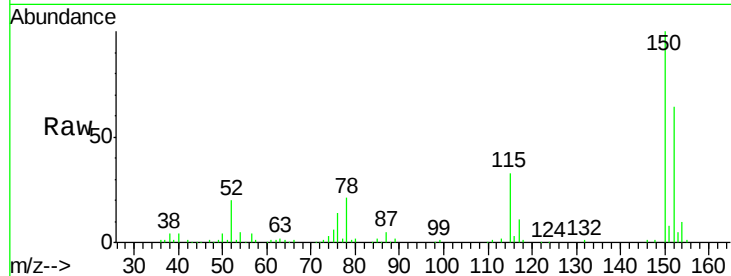
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.6	189.8
115	51.9	53.0	79.4

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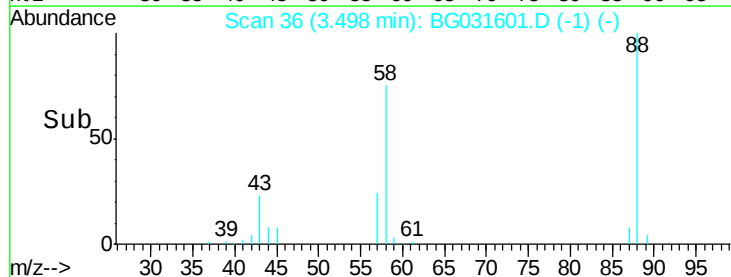
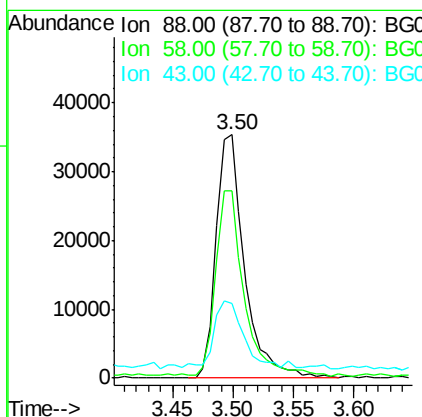
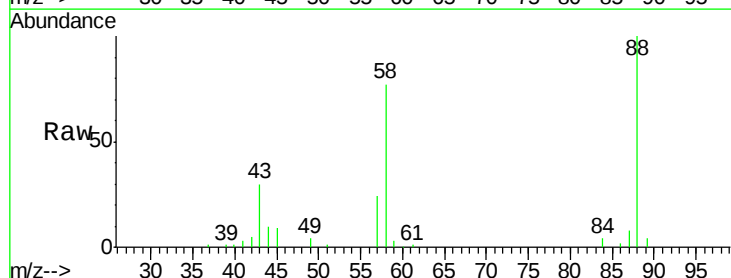
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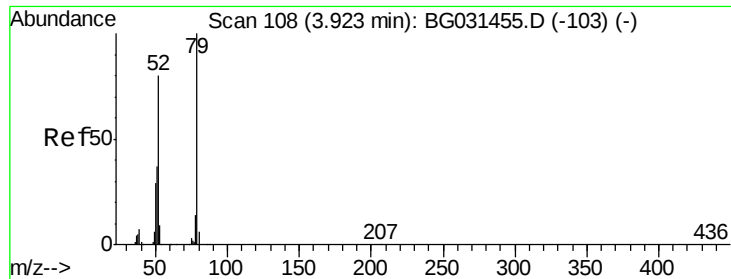


#2

1,4-Dioxane
Concen: 29.430 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.2	79.6	119.4
43	28.3	27.4	41.0





#3

Pyridine

Concen: 30.654 ng

RT: 3.90 min Scan# 105

Delta R.T. -0.02 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Instrument :

BNA_G

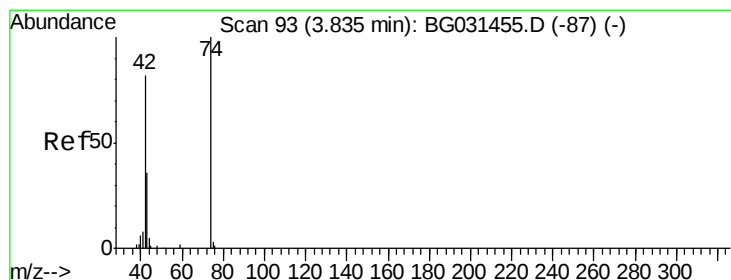
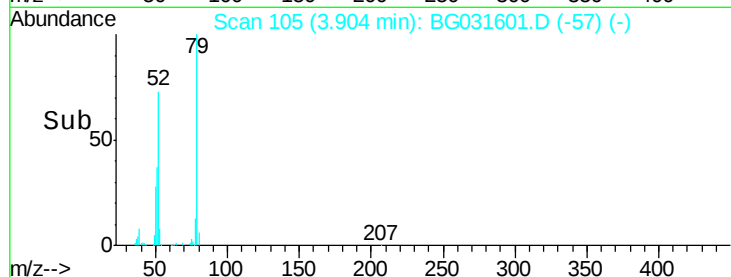
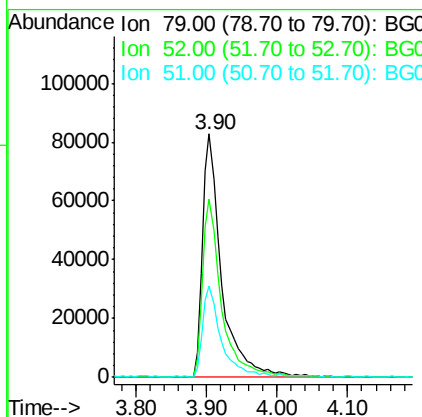
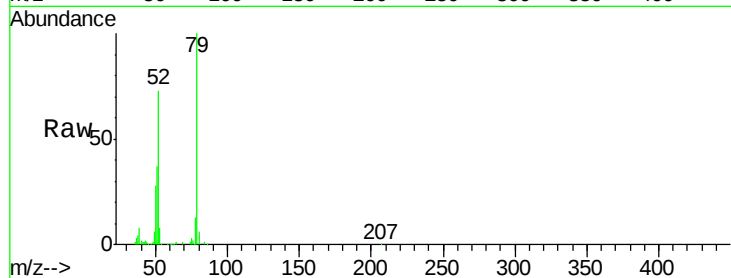
ClientSampleId :

MAP-5-E(15-16)MSD

Tgt Ion:	79	Resp:	157309
Ion Ratio	Lower	Upper	
79	100		
52	73.4	69.9	104.9
51	37.4	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 33.323 ng

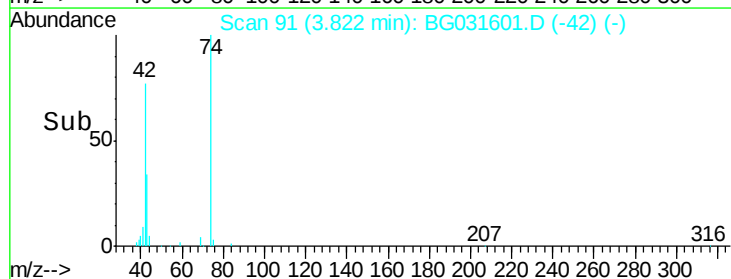
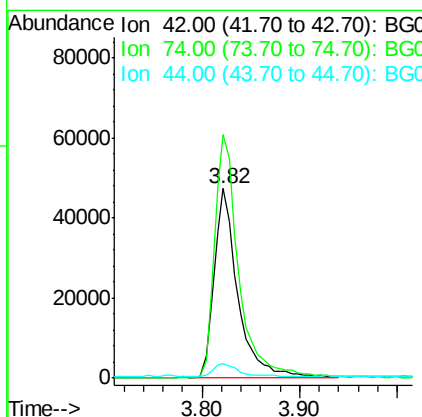
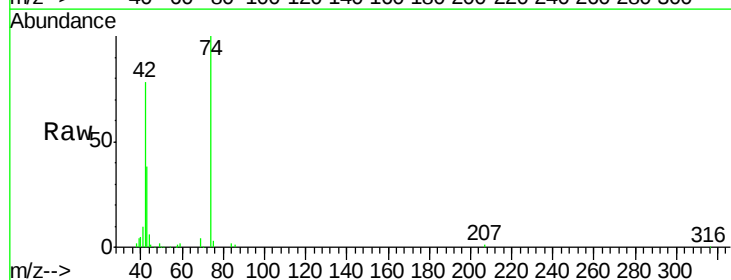
RT: 3.82 min Scan# 91

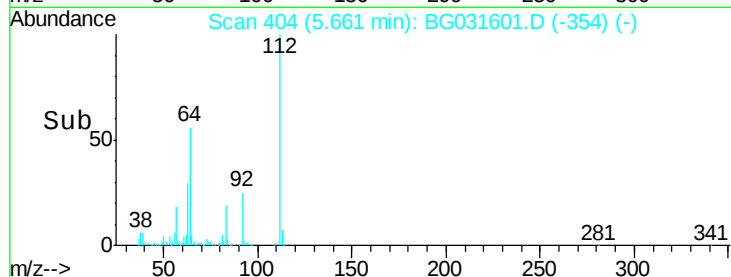
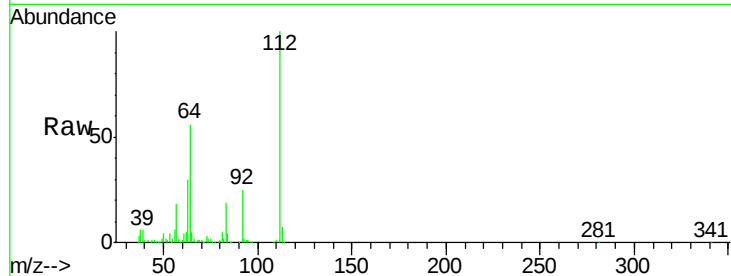
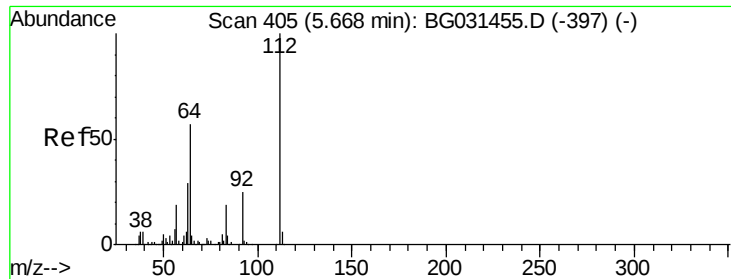
Delta R.T. -0.01 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Tgt Ion:	42	Resp:	80546
Ion Ratio	Lower	Upper	
42	100		
74	128.6	102.5	153.7
44	7.3	18.9	28.3#





#5

2-Fluorophenol

Concen: 131.401 ng

RT: 5.66 min Scan# 404

Delta R.T. -0.01 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Tgt Ion:	112	Resp:	536764
Ion Ratio	Lower	Upper	
112	100		
64	55.9	56.3	84.5#
63	29.9	30.1	45.1#

Instrument :

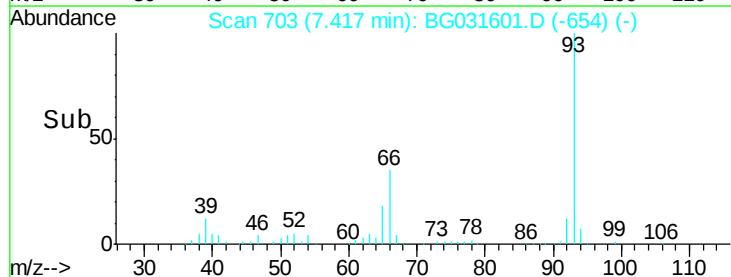
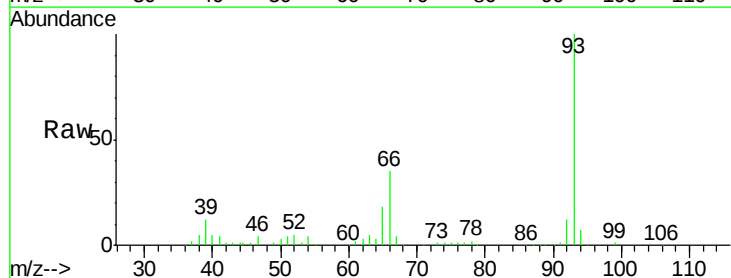
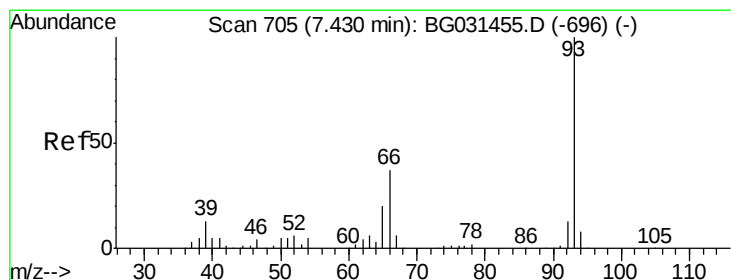
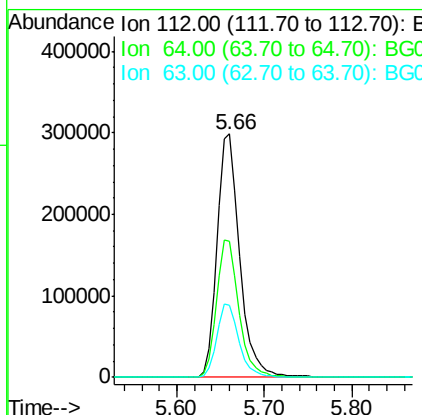
BNA_G

ClientSampleId :

MAP-5-E(15-16)MSD

Manual Integrations
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#6

Aniline

Concen: 23.594 ng

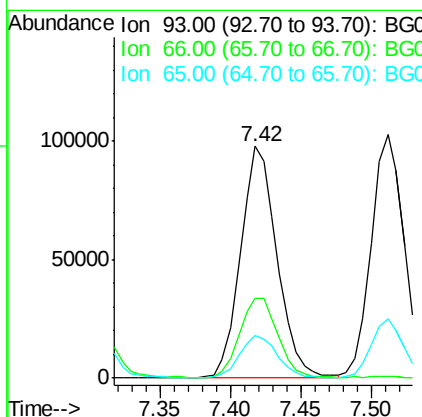
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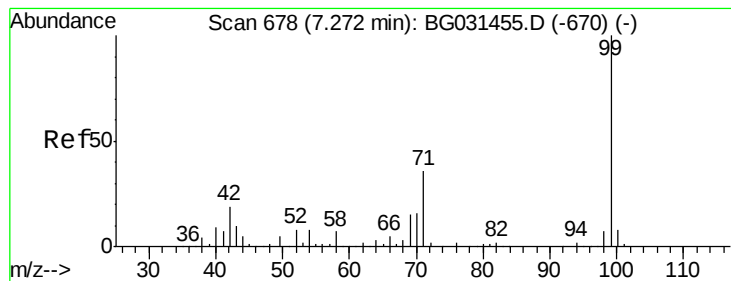
Delta R.T. -0.01 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Tgt Ion:	93	Resp:	176201
Ion Ratio	Lower	Upper	
93	100		
66	34.6	33.7	50.5
65	18.4	16.1	24.1





#7

Phenol-d6

Concen: 123.933 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Instrument :

BNA_G

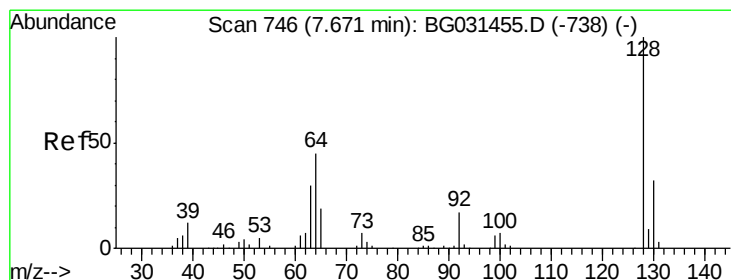
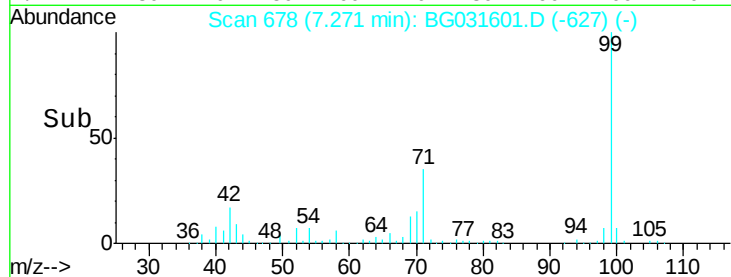
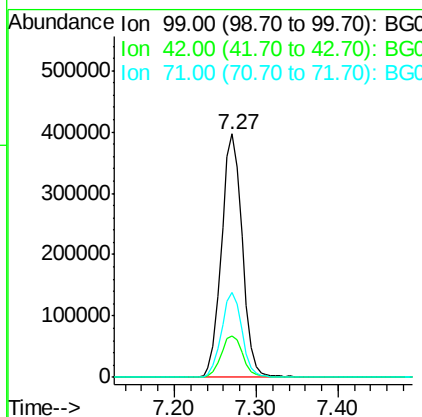
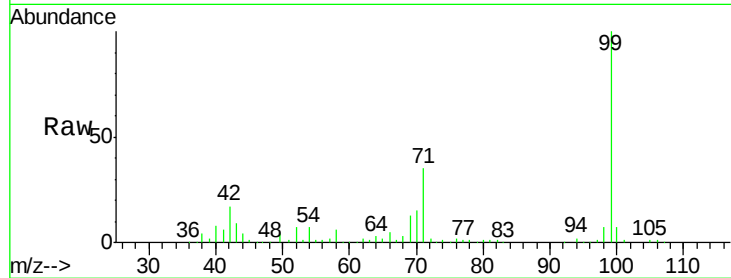
ClientSampleId :

MAP-5-E(15-16)MSD

Tgt Ion:	99	Resp:	702800
Ion Ratio	Lower	Upper	
99	100		
42	17.2	14.1	21.1
71	34.9	26.1	39.1

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.707 ng

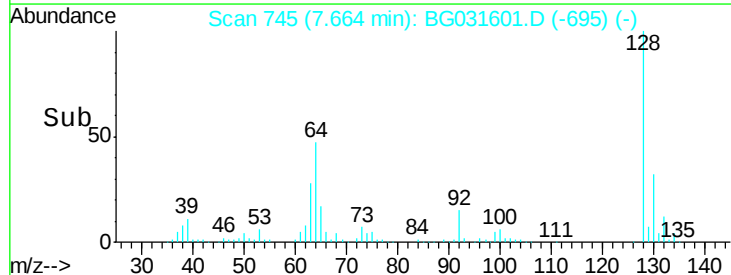
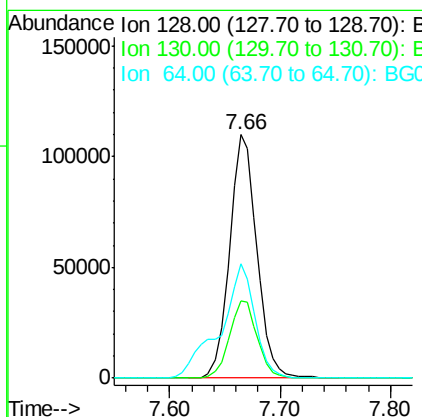
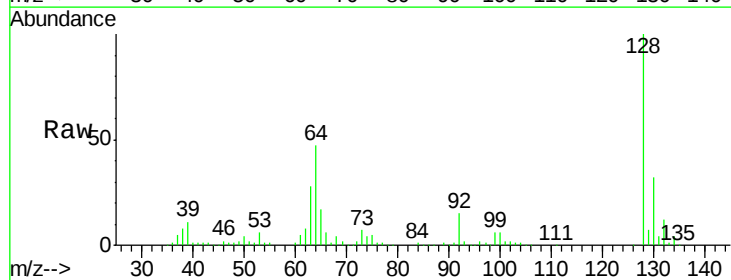
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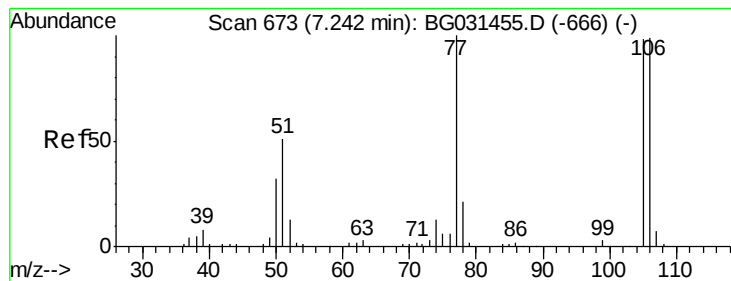
Delta R.T. -0.01 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Tgt Ion:	128	Resp:	190036
Ion Ratio	Lower	Upper	
128	100		
130	31.7	14.0	54.0
64	46.7	37.7	77.7





#9

Benzaldehyde

Concen: 37.441 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG031601.D

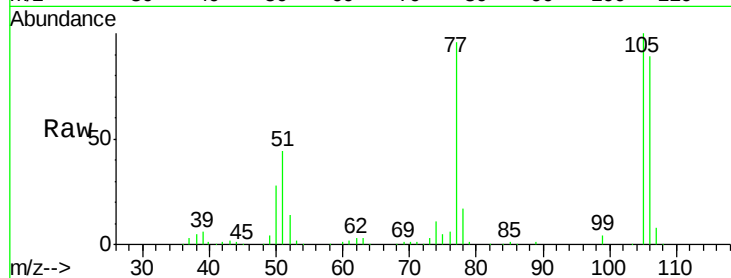
Acq: 15 Dec 2017 23:21

Instrument :

BNA_G

ClientSampleId :

MAP-5-E(15-16)MSD



Tgt Ion: 77 Resp: 123070

Ion Ratio Lower Upper

77 100

105 104.3 71.3 111.3

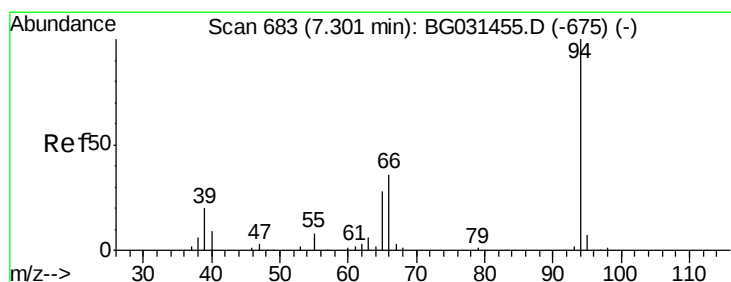
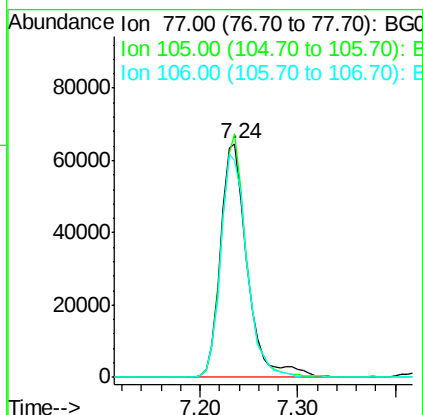
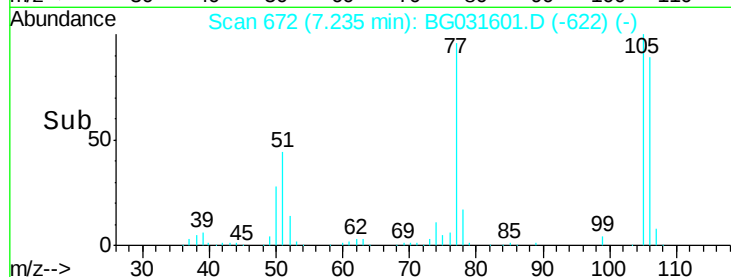
106 93.0 64.2 104.2

Manual Integrations

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#10

Phenol

Concen: 59.297 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

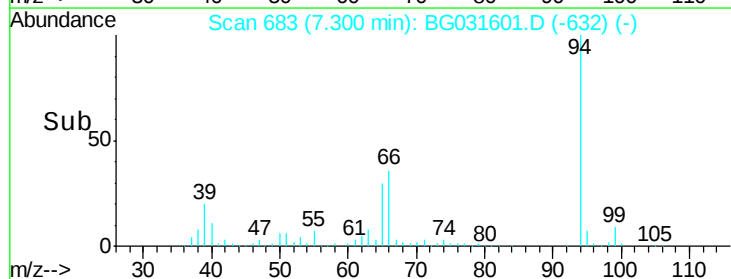
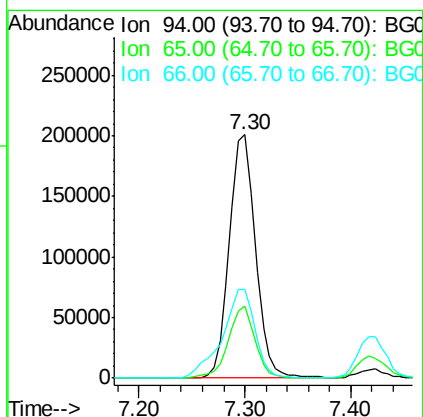
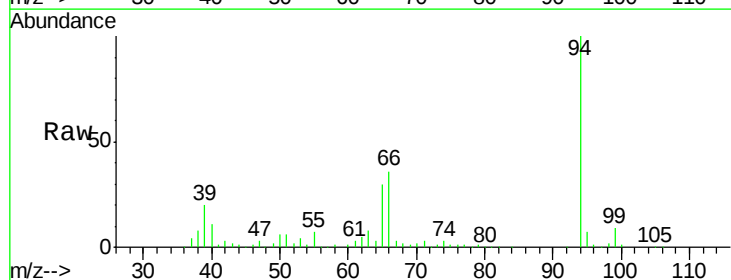
Tgt Ion: 94 Resp: 345433

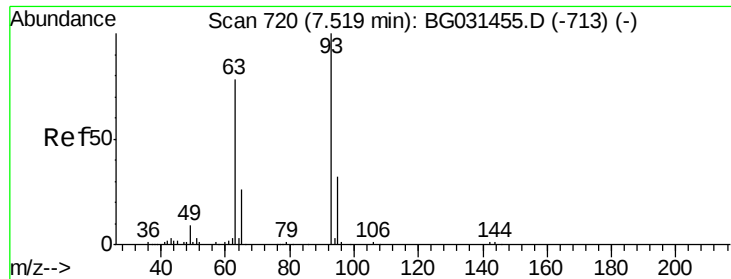
Ion Ratio Lower Upper

94 100

65 29.6 11.9 51.9

66 36.5 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 34.695 ng

RT: 7.51 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Instrument :

BNA_G

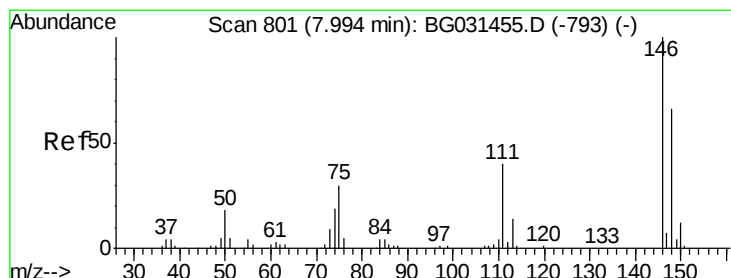
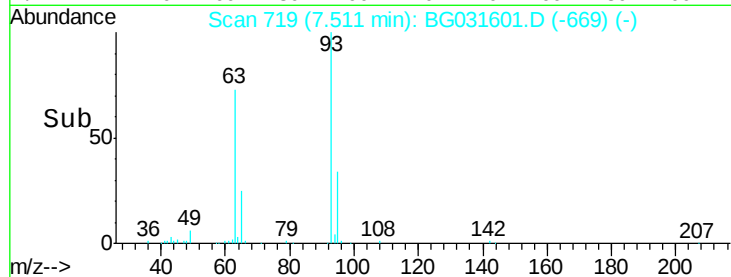
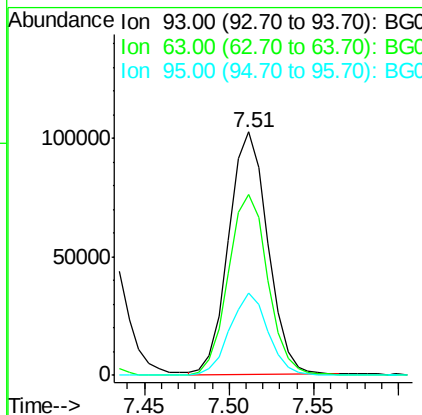
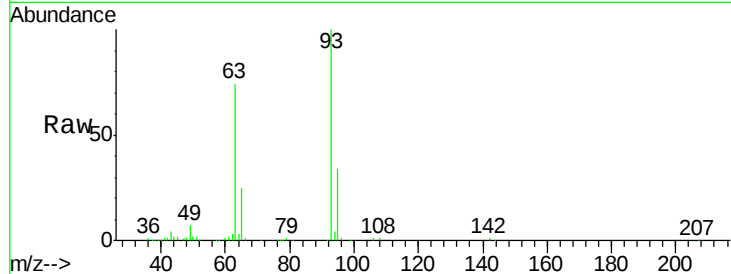
ClientSampleId :

MAP-5-E(15-16)MSD

Tgt Ion:	93	Resp:	164965
Ion	Ratio	Lower	Upper
93	100		
63	74.1	67.1	107.1
95	34.0	11.5	51.5

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 36.888 ng m

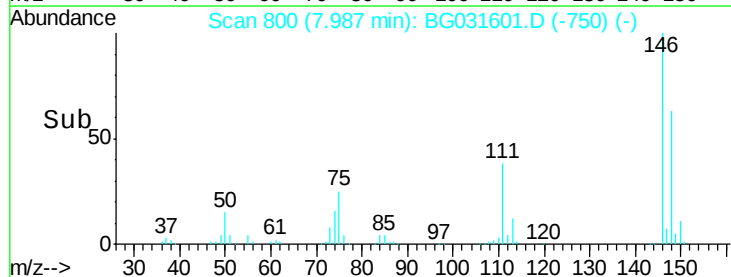
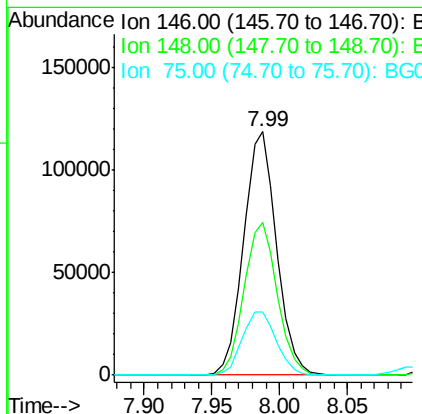
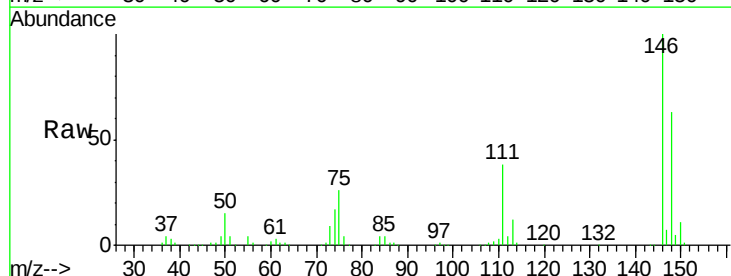
RT: 7.99 min Scan# 800

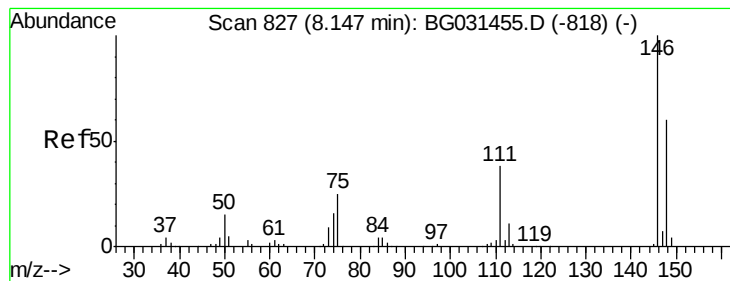
Delta R.T. -0.01 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Tgt Ion:	146	Resp:	199883
Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.4	77.2
75	25.9	26.6	39.8#





#13

1,4-Dichlorobenzene

Concen: 35.472 ng

RT: 8.13 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Instrument :

BNA_G

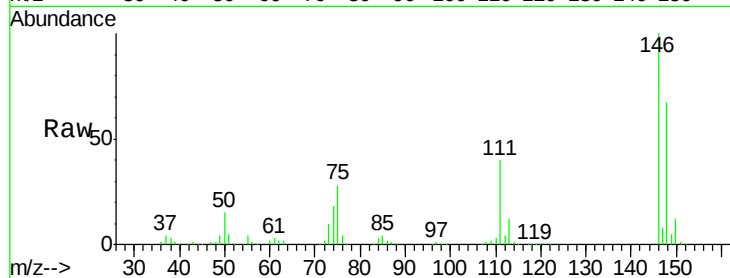
ClientSampleId :

MAP-5-E(15-16)MSD

Tgt Ion:	146	Resp:	199761
Ion Ratio	Lower	Upper	
146	100		
148	67.4	53.7	80.5
111	40.1	35.2	52.8

Manual Integrations
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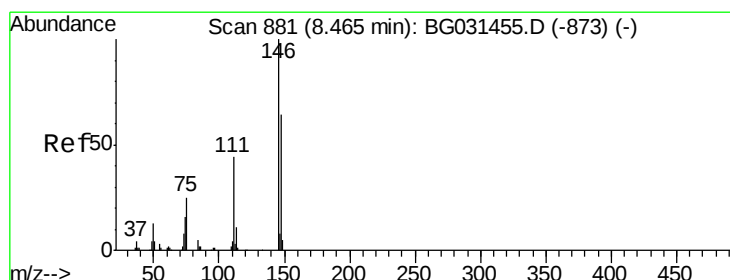
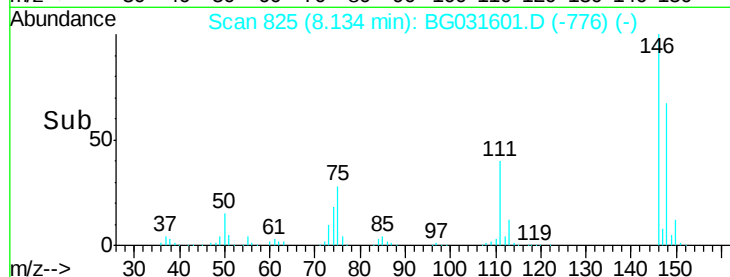
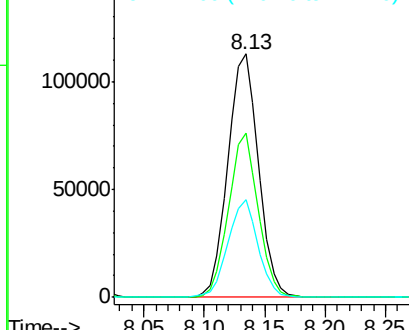


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.317 ng

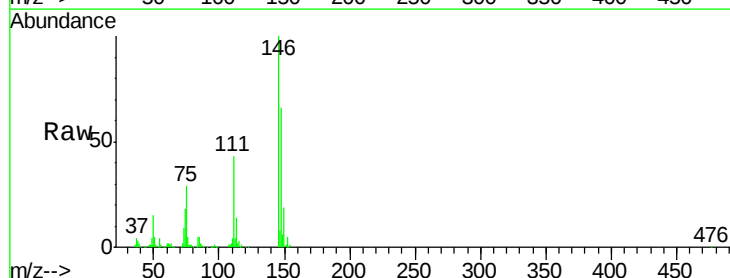
RT: 8.45 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Tgt Ion:	146	Resp:	194825
Ion Ratio	Lower	Upper	
146	100		
148	65.6	49.3	73.9
111	43.1	34.3	51.5

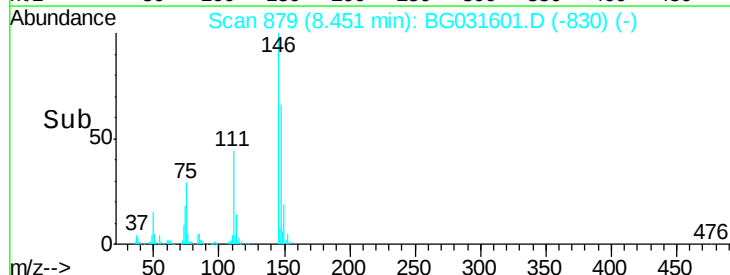
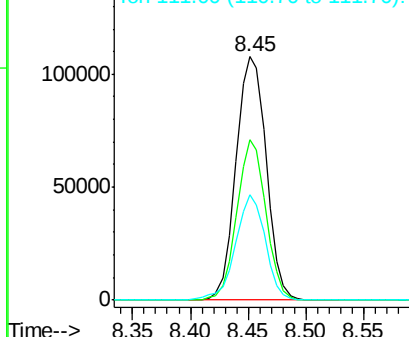


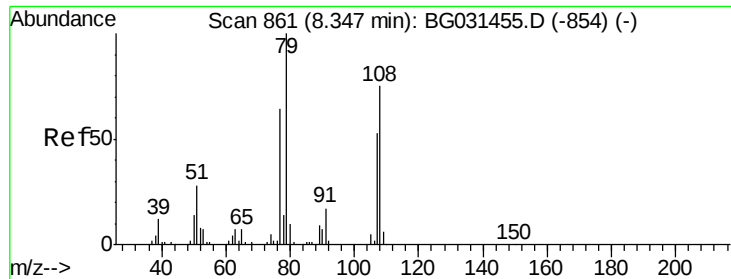
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.770 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.01 min

Lab File: BG031601.D

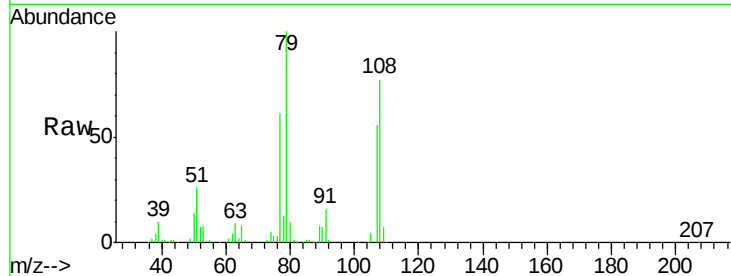
Acq: 15 Dec 2017 23:21

Instrument :

BNA_G

ClientSampleId :

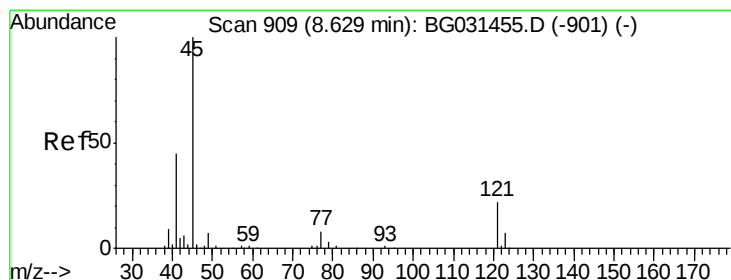
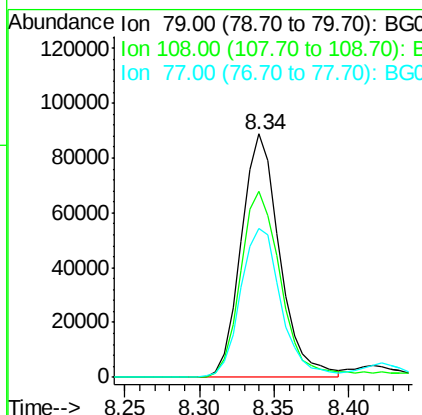
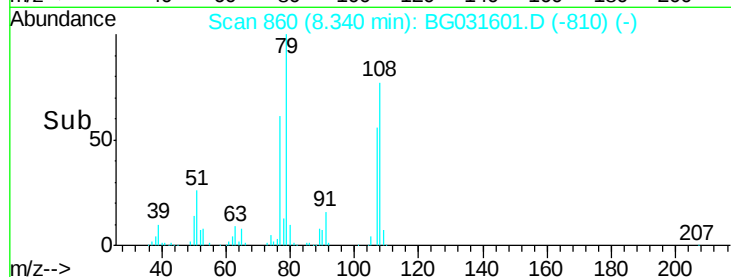
MAP-5-E(15-16)MSD



Tgt Ion:	79	Resp:	158678
Ion Ratio	Lower	Upper	
79	100		
108	76.7	57.2	85.8
77	61.1	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.848 ng

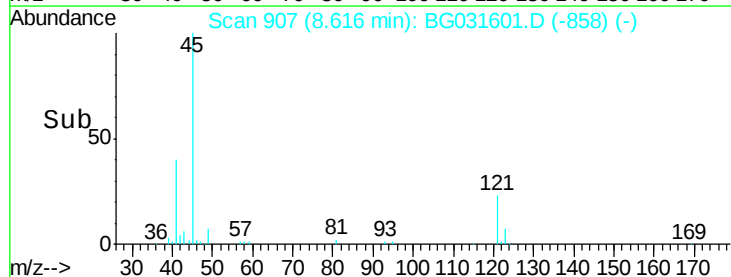
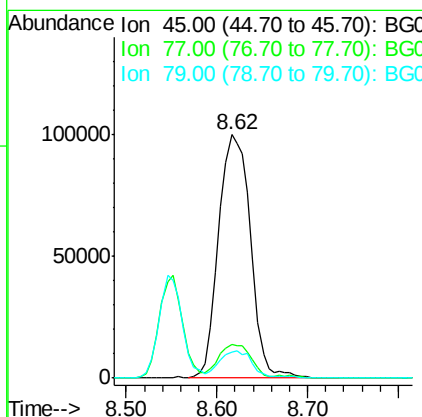
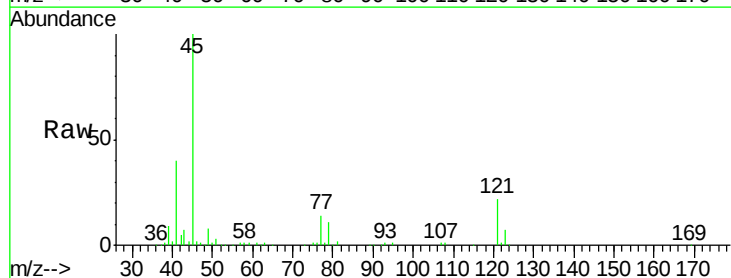
RT: 8.62 min Scan# 907

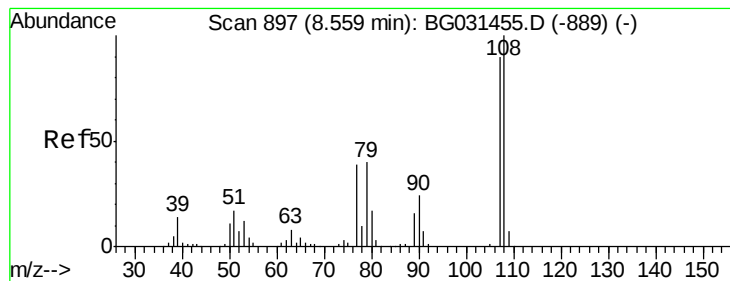
Delta R.T. -0.01 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Tgt Ion:	45	Resp:	244901
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	30.2
79	10.8	0.0	27.9





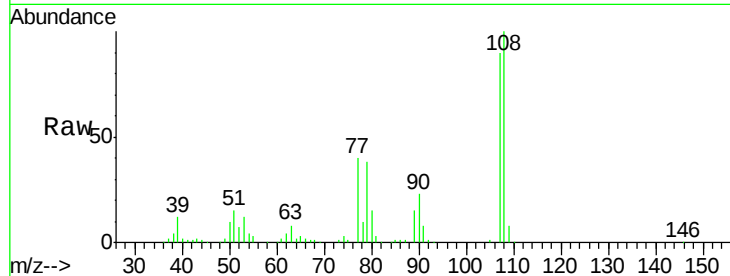
#17
2-Methylphenol
Concen: 42.138 ng
RT: 8.55 min Scan# 896
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	167332		
108	111.5	83.9	125.9	
77	44.8	37.2	55.8	
79	42.5	36.2	54.2	

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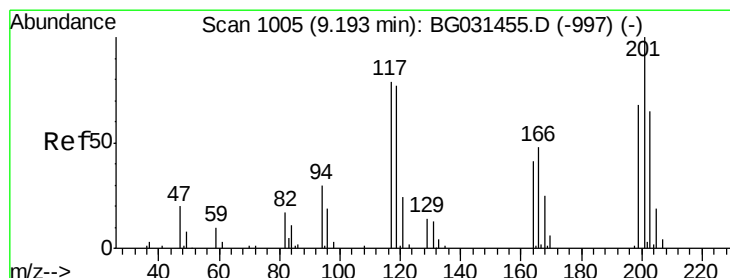
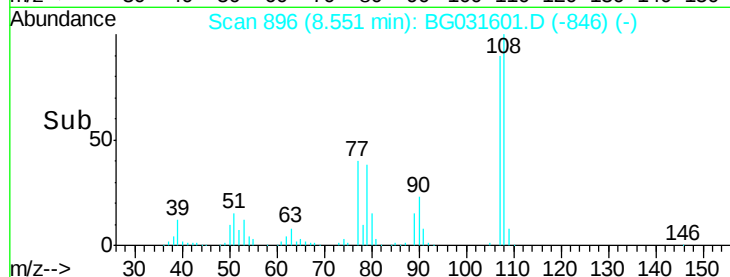
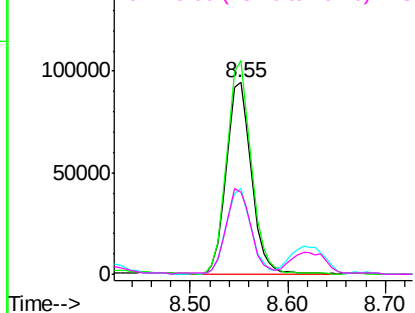
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 36.194 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

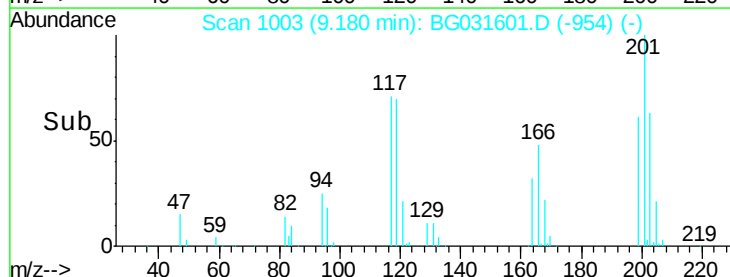
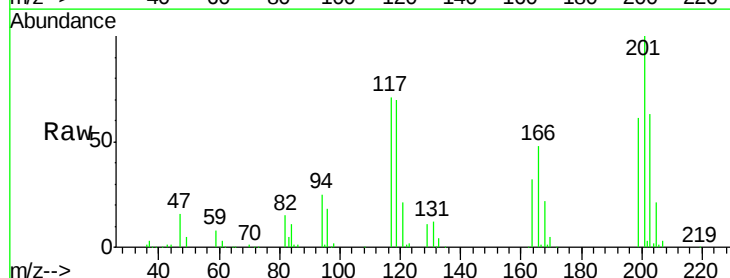
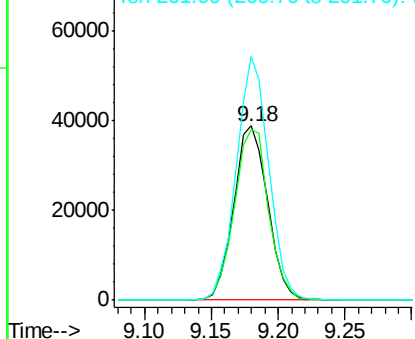
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	68706		
119	98.3	76.7	115.1	
201	140.0	95.7	143.5	

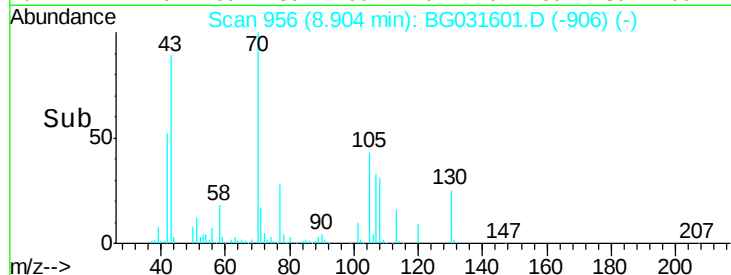
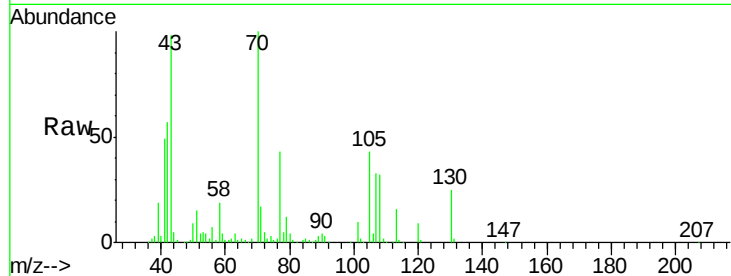
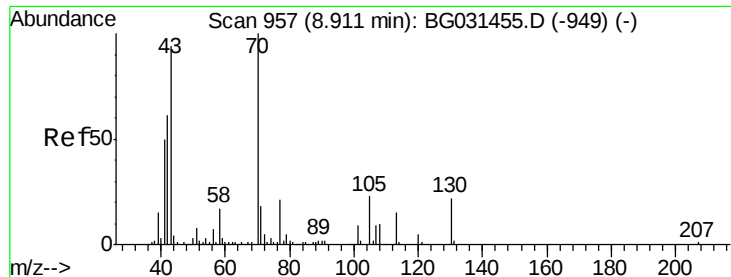
Abundance

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





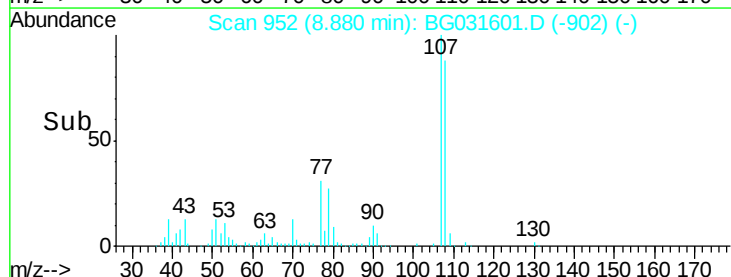
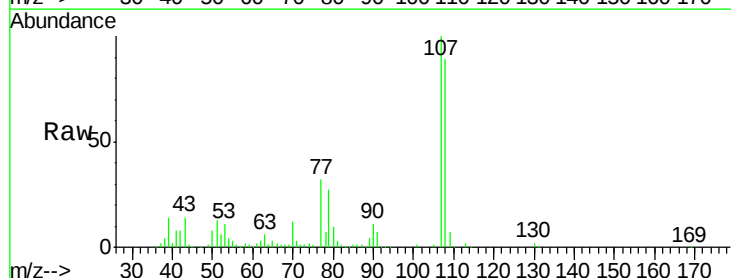
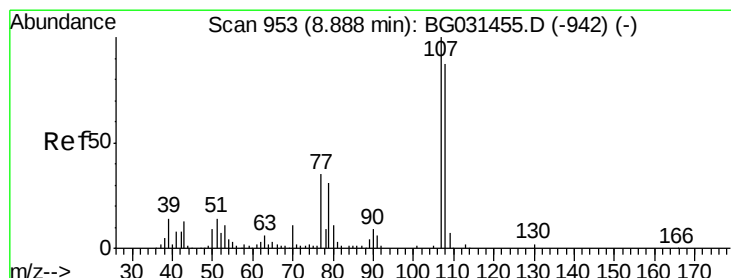
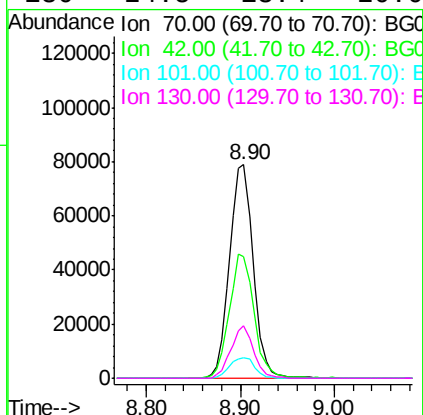
#19
n-Nitroso-di-n-propylamine
Concen: 30.919 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.0	49.1	73.7
101	9.8	8.5	12.7
130	24.5	13.4	20.0#

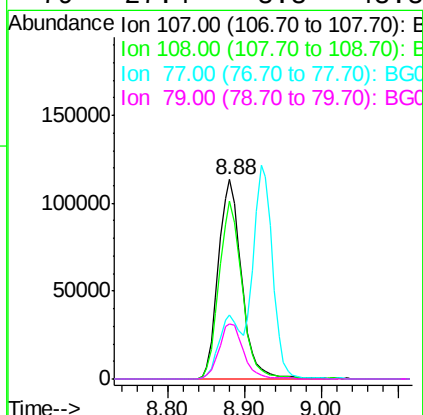
Manual Integrations
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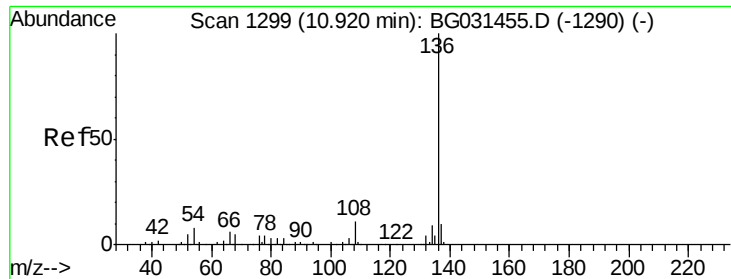
Sohil
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#20
3+4-Methylphenols
Concen: 40.261 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	61.6	101.6
77	31.9	13.9	53.9
79	27.4	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Instrument :

BNA_G

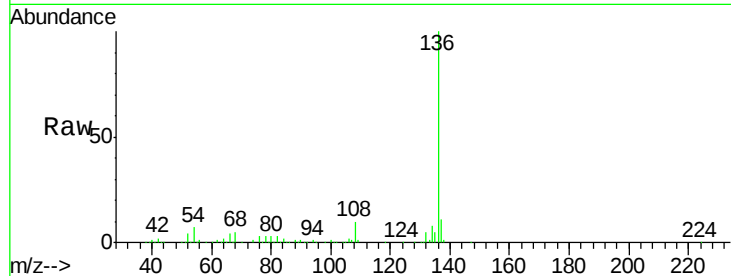
ClientSampleId :

MAP-5-E(15-16)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	318768		
137	11.0	9.2	13.8	
54	6.6	10.3	15.5	
68	5.3	4.5	6.7	

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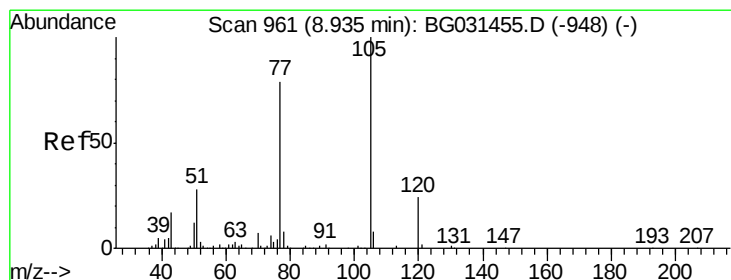
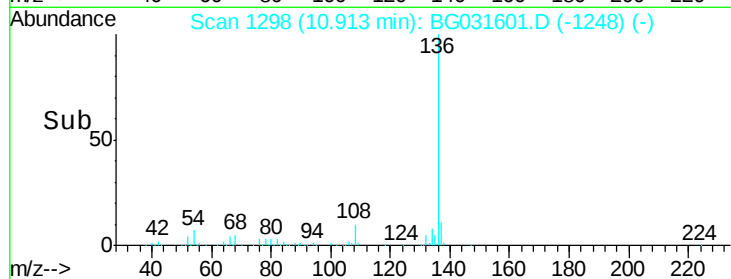
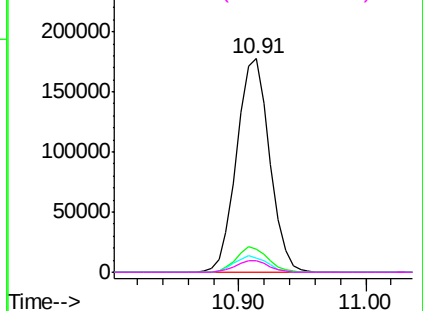


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.395 ng

RT: 8.92 min Scan# 959

Delta R.T. -0.01 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

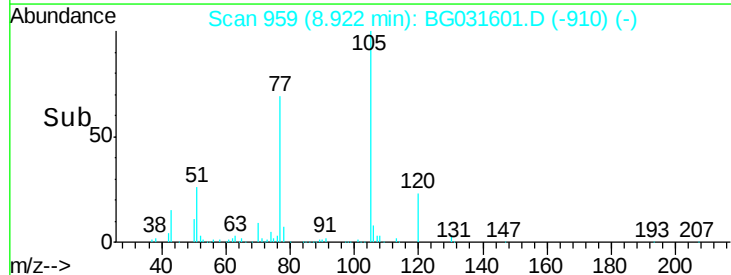
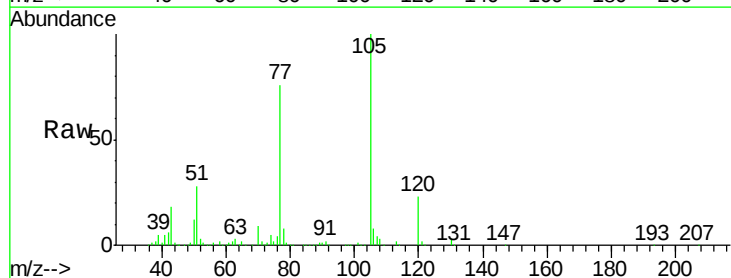
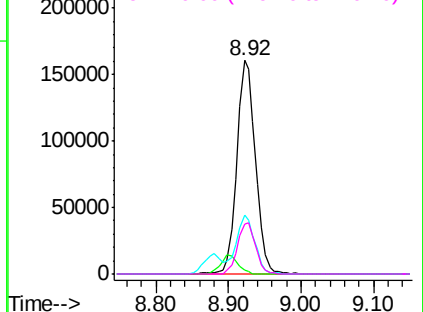
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	285965		
71	1.8	3.0	4.4	
51	27.8	26.1	39.1	
120	23.5	17.4	26.2	

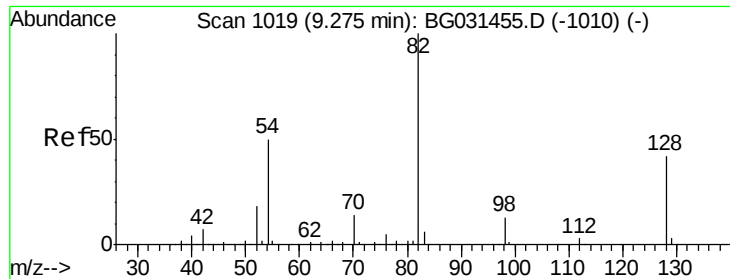
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





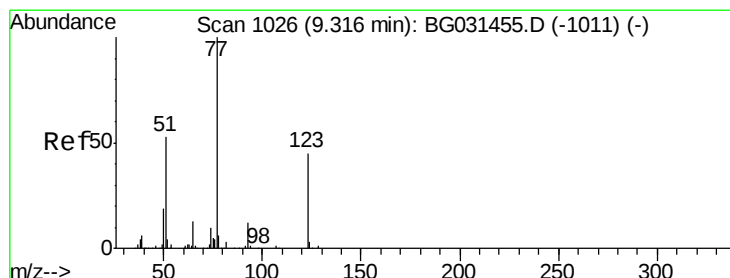
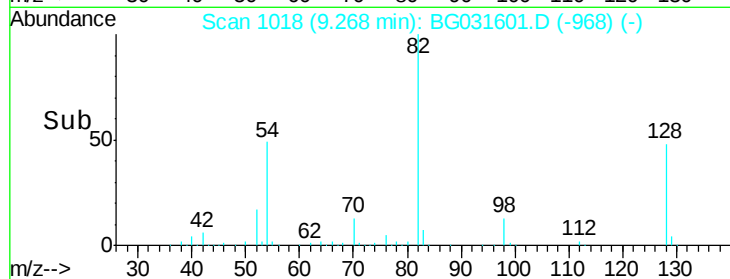
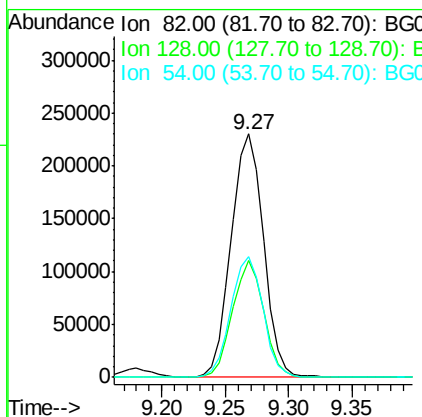
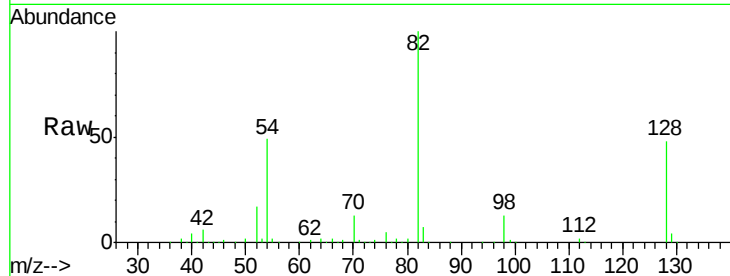
#23
 Nitrobenzene-d5
 Concen: 78.894 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG031601.D
 Acq: 15 Dec 2017 23:21

Instrument :
 BNA_G
 ClientSampleId :
 MAP-5-E(15-16)MSD

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	47.8	29.7	44.5#
54	49.4	43.1	64.7

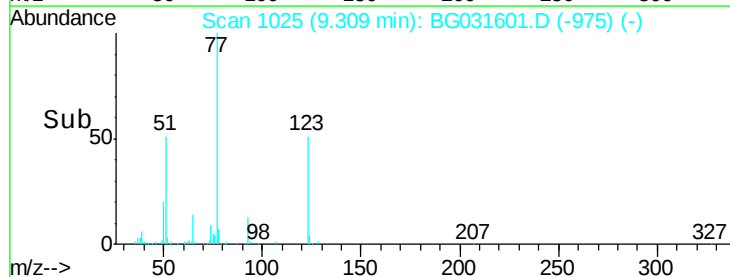
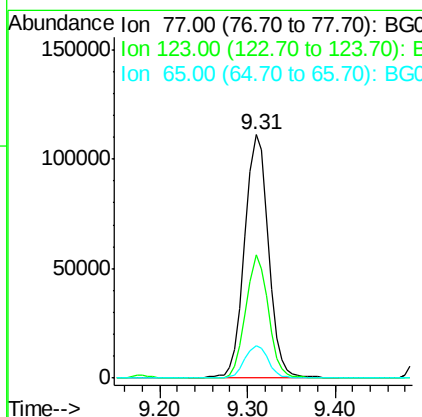
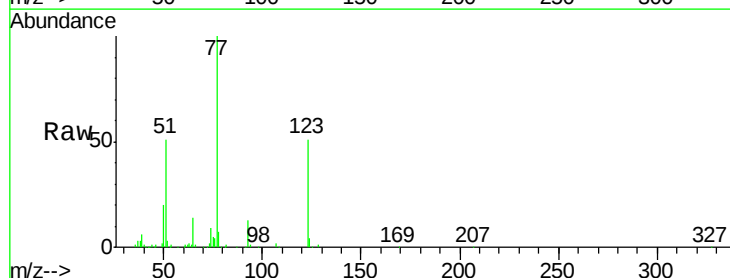
Manual Integrations
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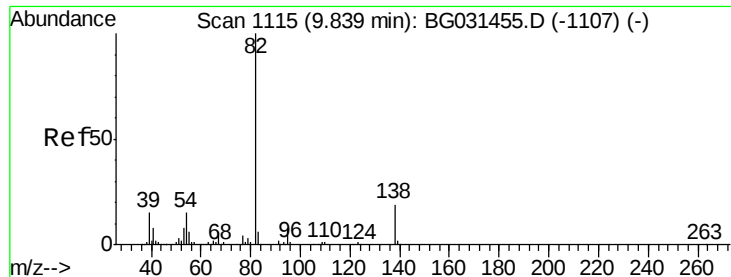
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#24
 Nitrobenzene
 Concen: 38.510 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG031601.D
 Acq: 15 Dec 2017 23:21

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	50.5	33.0	49.6#
65	13.6	13.0	19.6





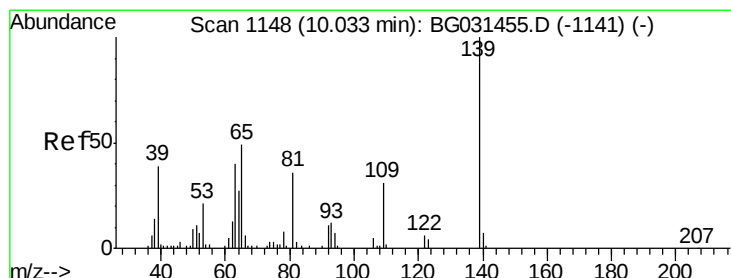
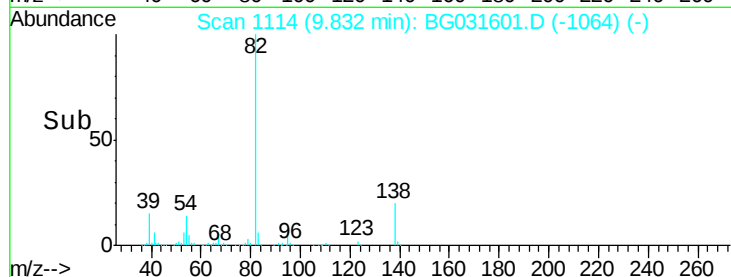
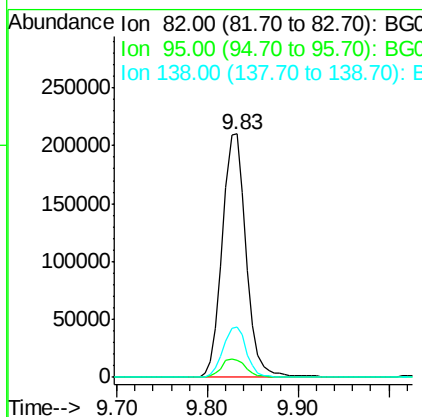
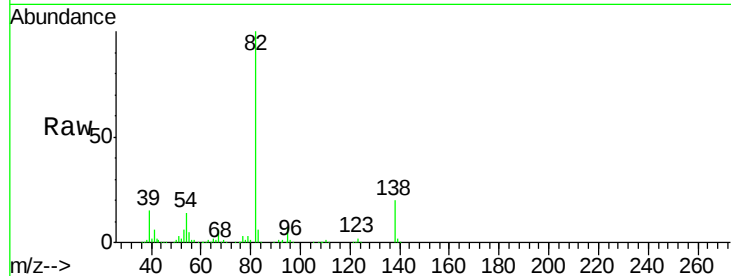
#25
Isophorone
Concen: 39.359 ng
RT: 9.83 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	7.3	6.2	9.2
138	20.4	12.1	18.1#

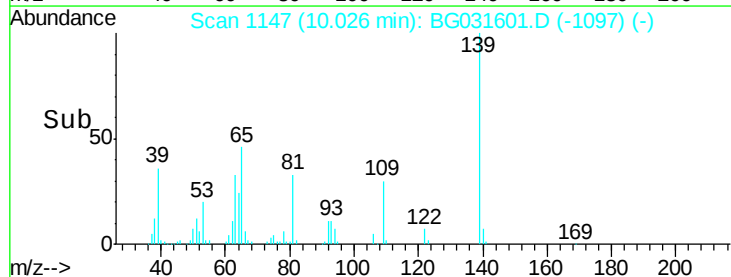
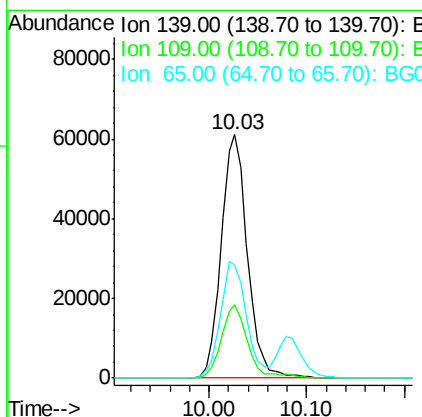
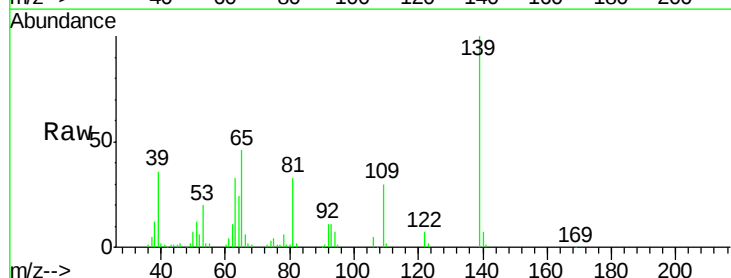
Manual Integrations
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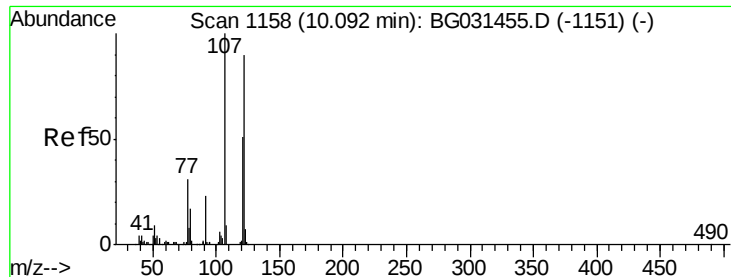
Sohil
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#26
2-Nitrophenol
Concen: 43.199 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	30.2	24.2	36.2
65	46.4	47.4	71.0#





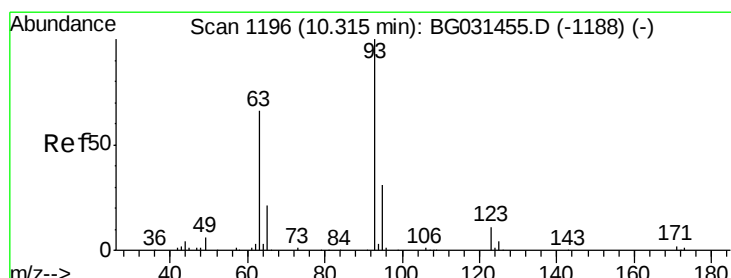
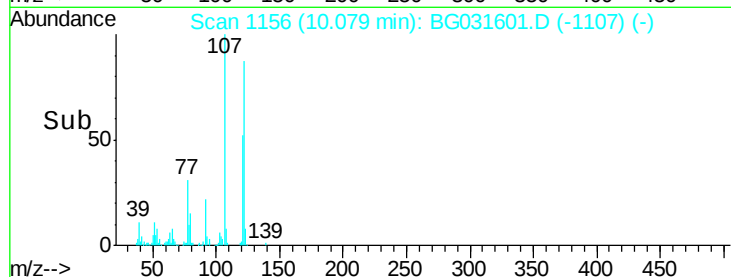
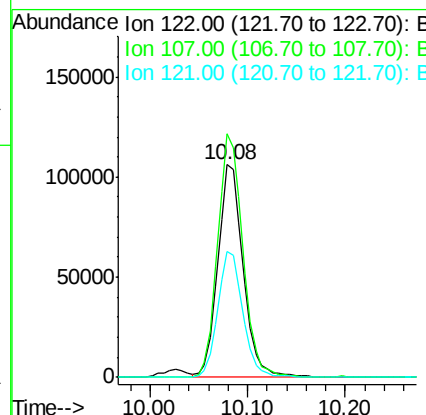
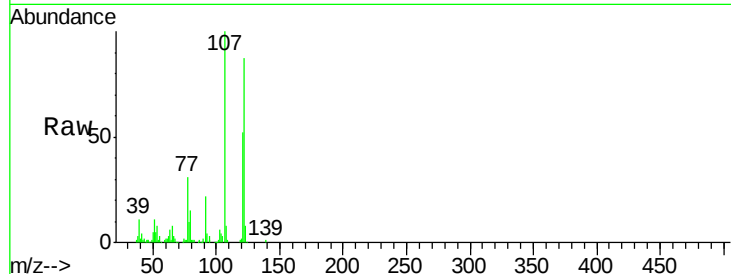
#27
2,4-Dimethylphenol
Concen: 47.667 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.7	100.2	150.2
121	59.4	44.4	66.6

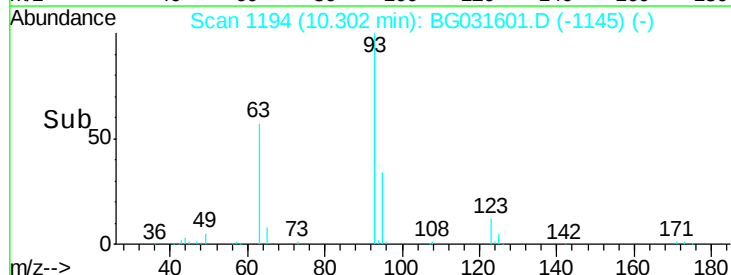
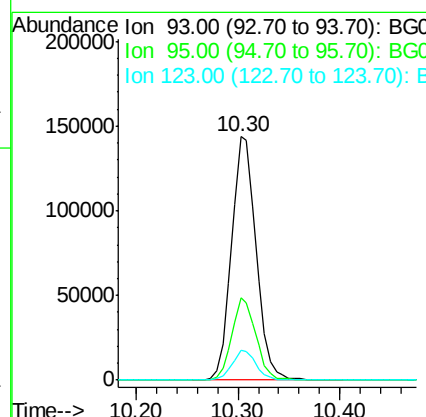
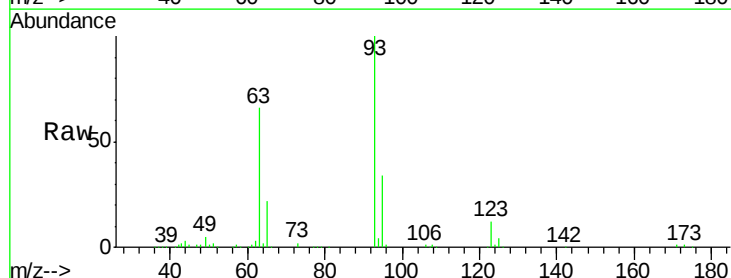
Manual Integrations
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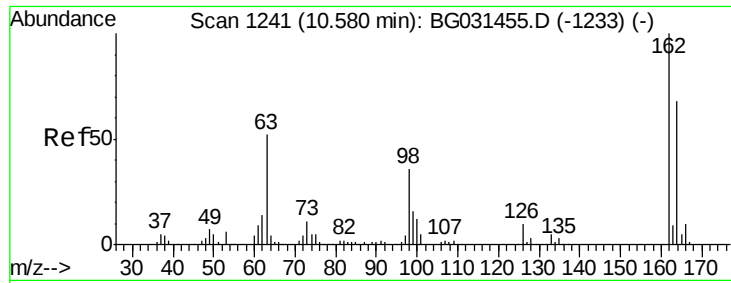
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 38.450 ng
RT: 10.30 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	24.3	36.5
123	12.2	8.4	12.6





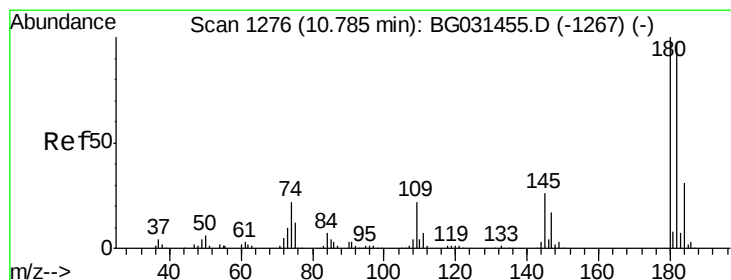
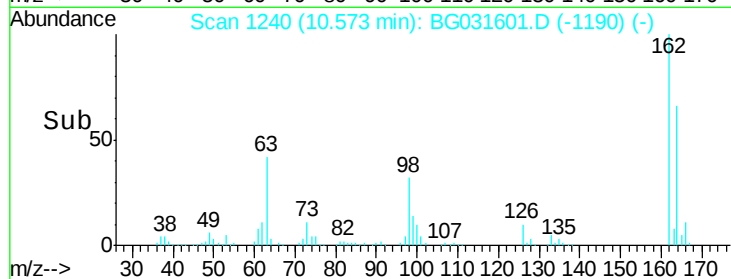
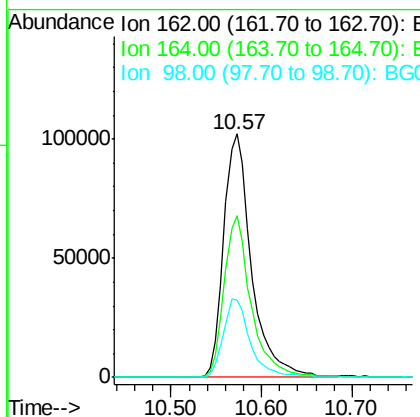
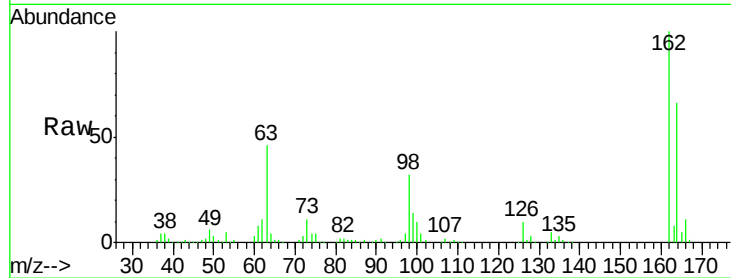
#29
 2,4-Dichlorophenol
 Concen: 46.543 ng
 RT: 10.57 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG031601.D
 Acq: 15 Dec 2017 23:21

Instrument :
 BNA_G
 ClientSampleId :
 MAP-5-E(15-16)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	218292		
164	66.3	48.0	88.0	
98	31.6	21.1	61.1	

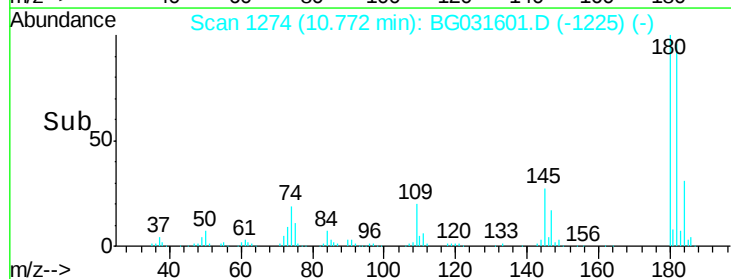
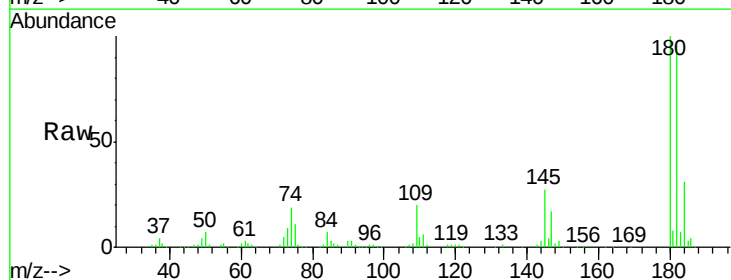
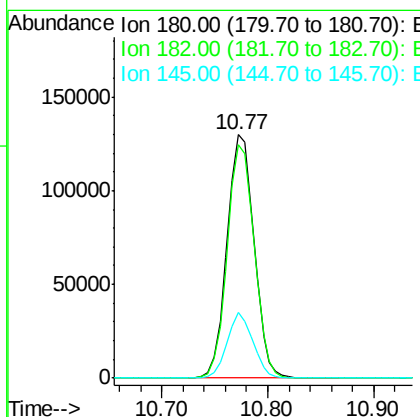
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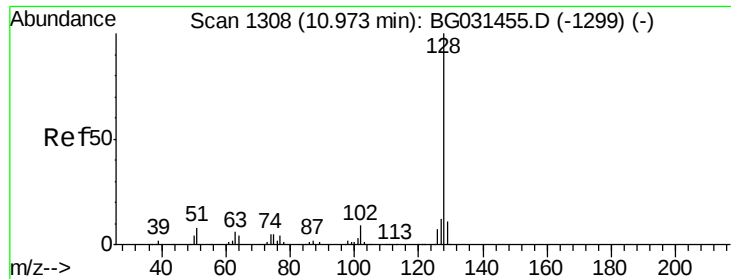
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.280 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG031601.D
 Acq: 15 Dec 2017 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	229333		
182	95.7	77.5	116.3	
145	27.2	23.4	35.2	





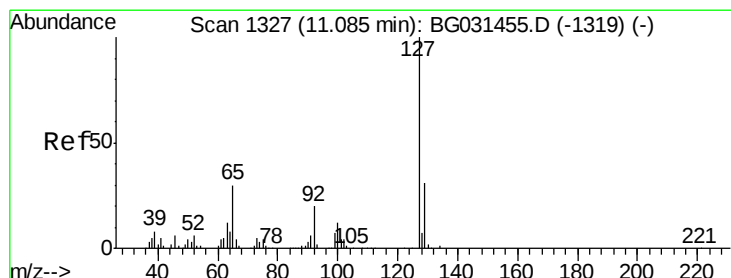
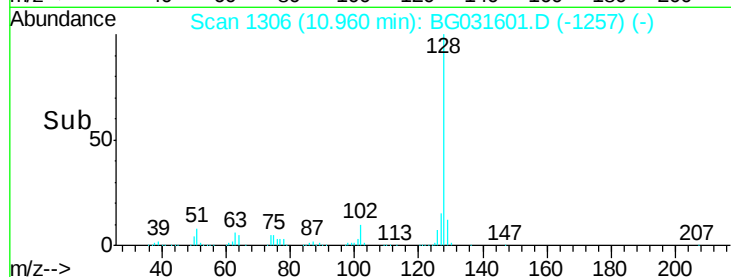
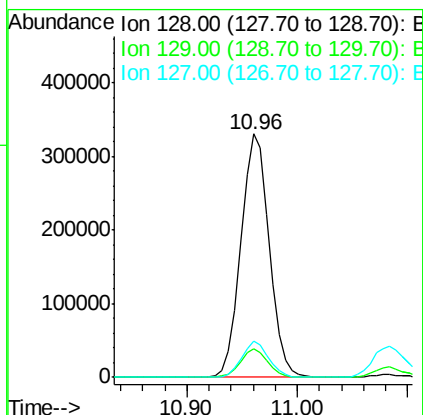
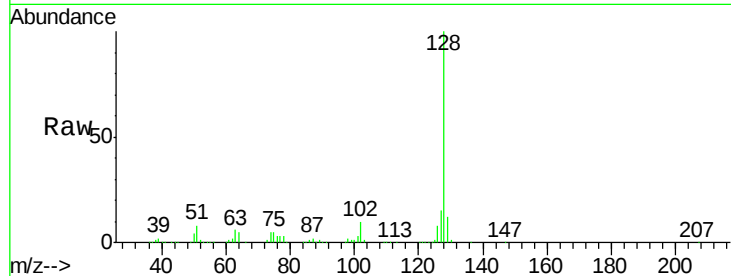
#31
Naphthalene
Concen: 38.046 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	14.7	11.6	17.4

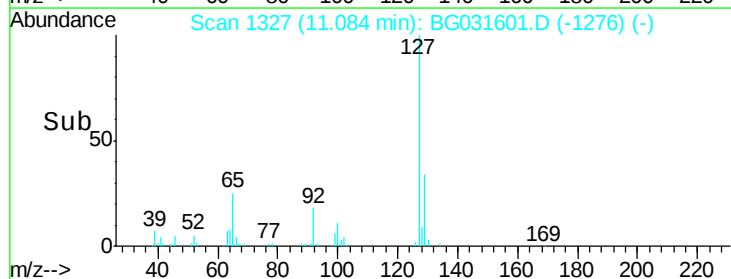
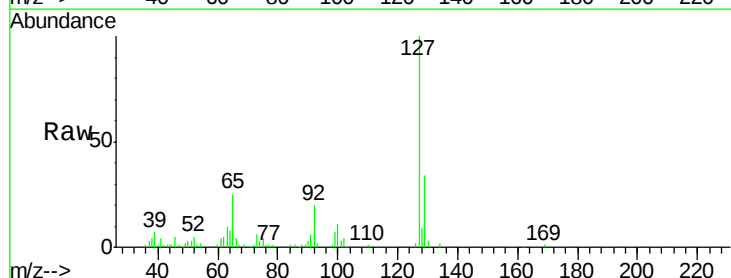
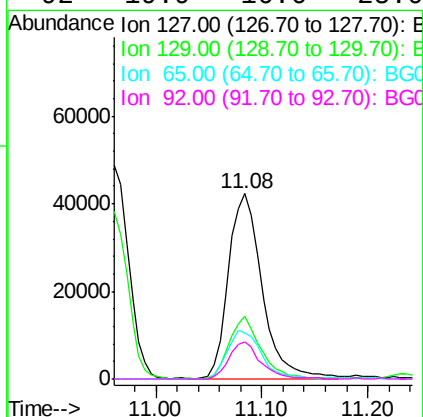
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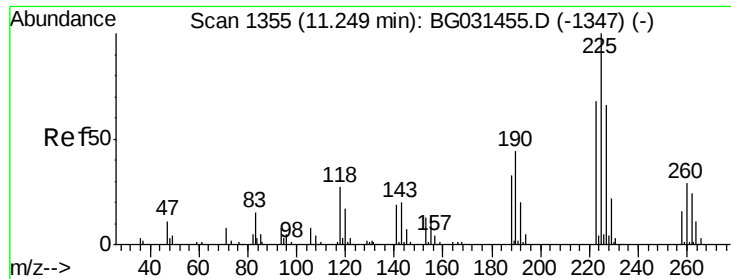
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#33
4-Chloroaniline
Concen: 13.736 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.8	24.0	36.0
65	25.2	27.0	40.4
92	19.9	16.6	25.0





#34

Hexachlorobutadiene

Concen: 36.129 ng

RT: 11.24 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Instrument :

BNA_G

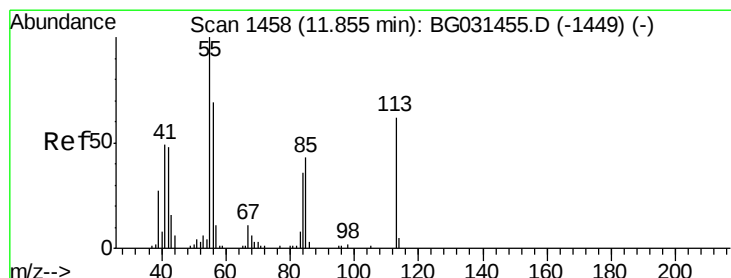
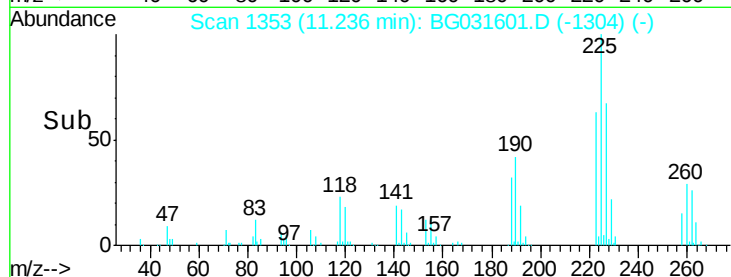
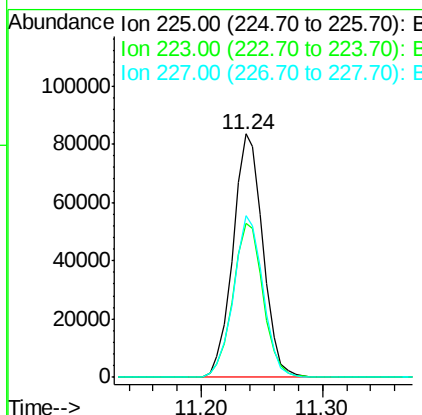
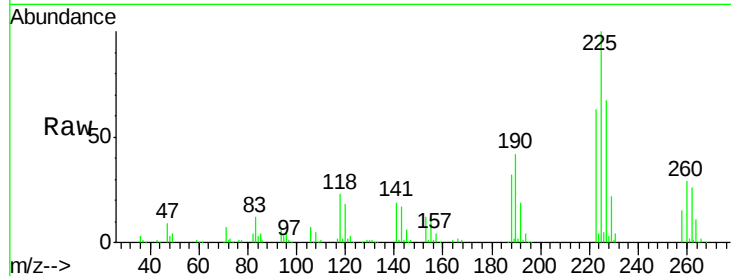
ClientSampleId :

MAP-5-E(15-16)MSD

Tgt Ion:	225	Resp:	143574
Ion Ratio	Lower	Upper	
225	100		
223	63.4	49.7	74.5
227	66.7	48.1	72.1

Manual Integrations
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#35

Caprolactam

Concen: 43.385 ng m

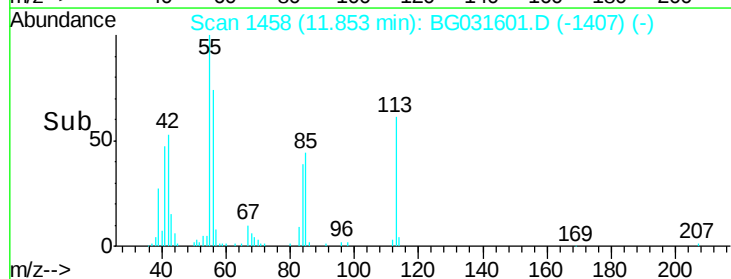
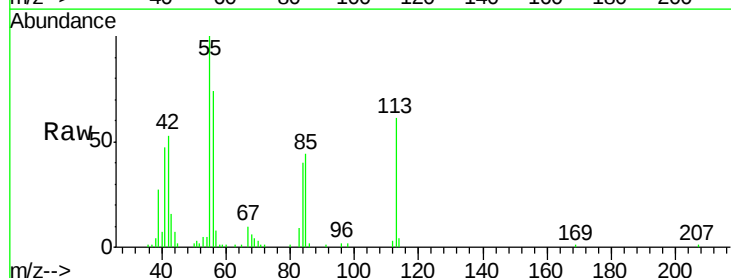
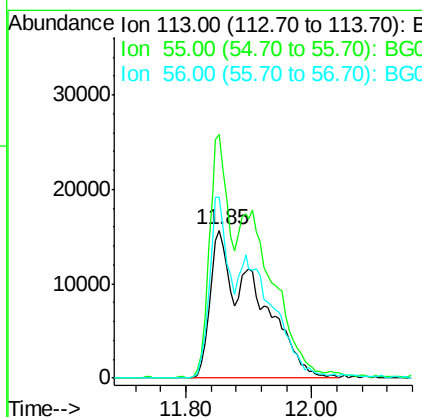
RT: 11.85 min Scan# 1458

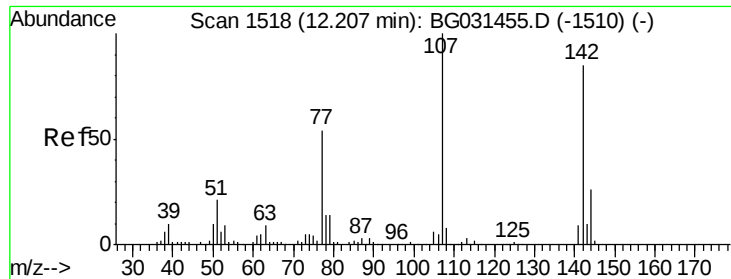
Delta R.T. -0.00 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Tgt Ion:	113	Resp:	79901
Ion Ratio	Lower	Upper	
113	100		
55	164.5	186.9	226.9#
56	121.8	130.9	170.9#





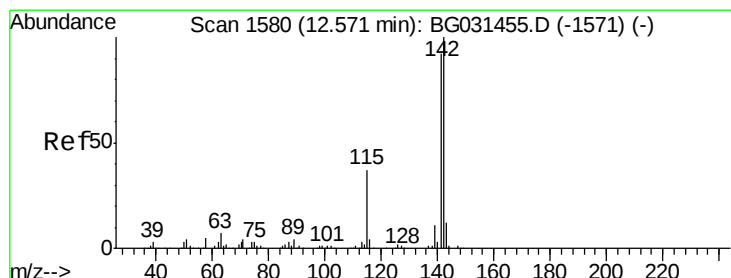
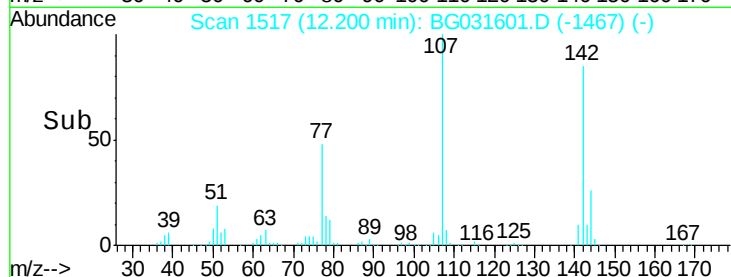
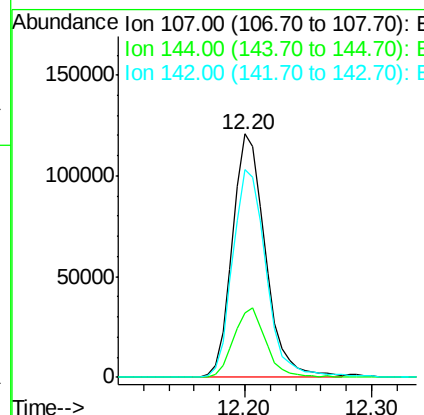
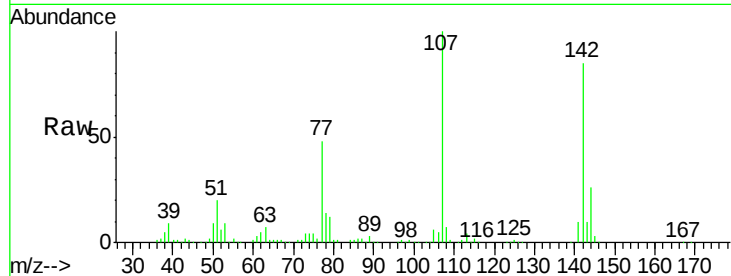
#36
4-Chloro-3-methylphenol
Concen: 40.601 ng
RT: 12.20 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)MSD

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	18.2	27.4
142	85.1	59.0	88.4

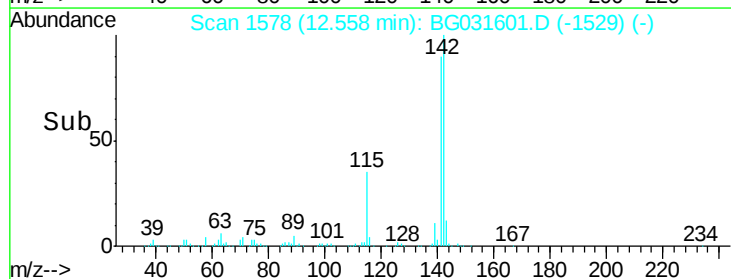
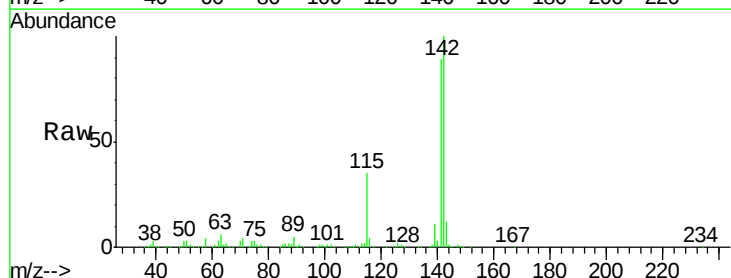
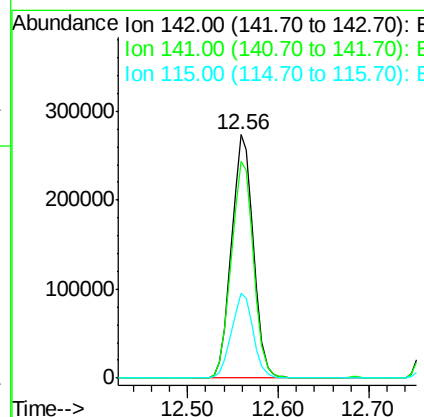
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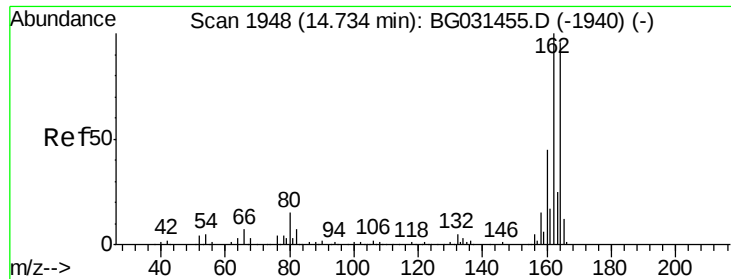
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#37
2-Methylnaphthalene
Concen: 37.852 ng
RT: 12.56 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	67.1	100.7
115	34.7	30.7	46.1





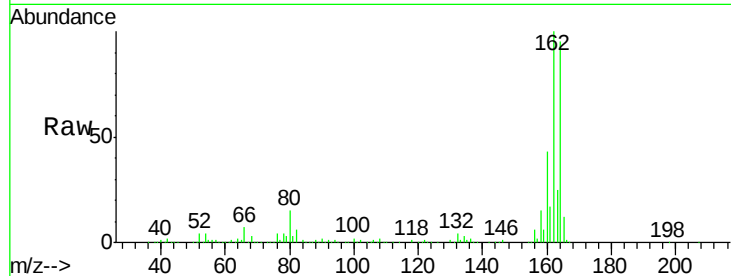
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)MSD

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	78.8	118.2
160	45.7	35.4	53.0

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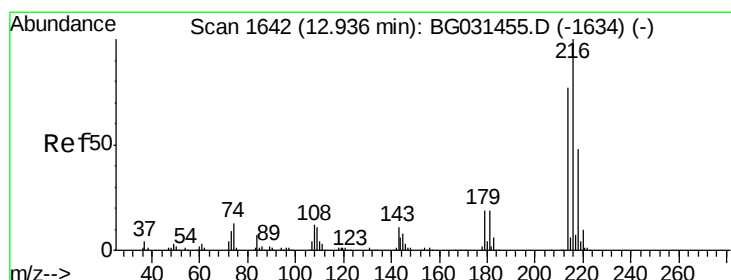
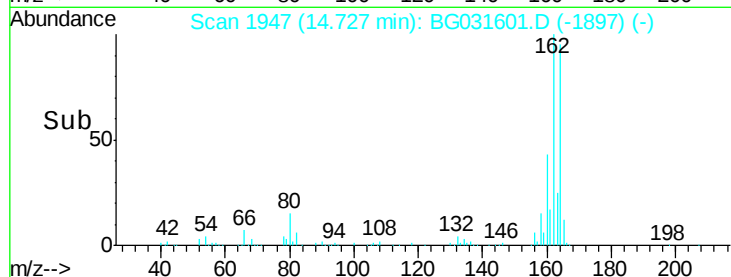
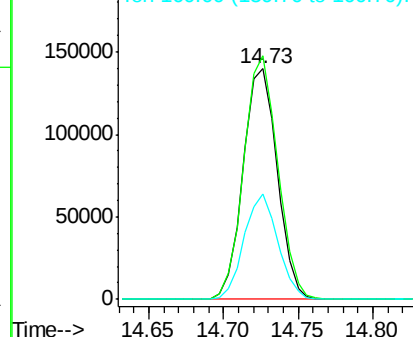


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.153 ng
RT: 12.93 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.4	63.0	94.4
179	18.3	17.0	25.6
108	13.0	12.8	19.2

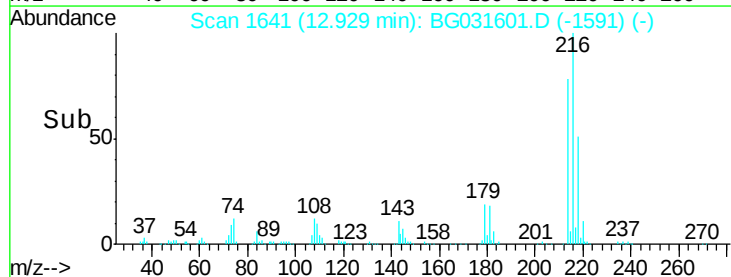
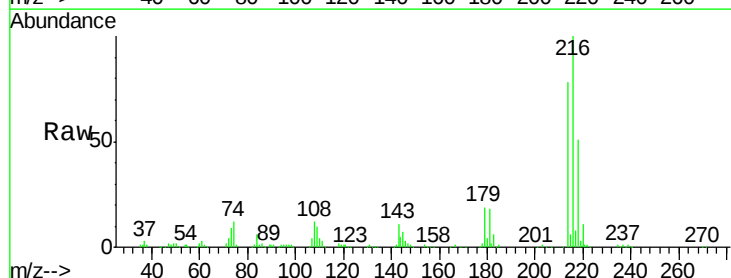
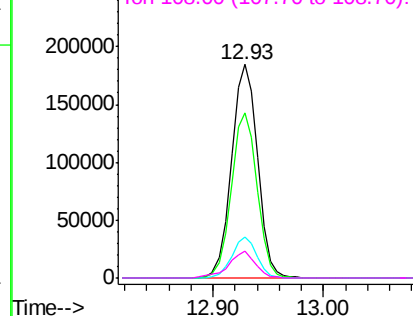
Abundance

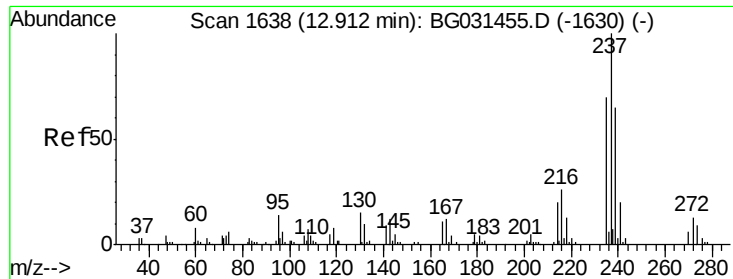
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 62.427 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Instrument :

BNA_G

ClientSampleId :

MAP-5-E(15-16)MSD

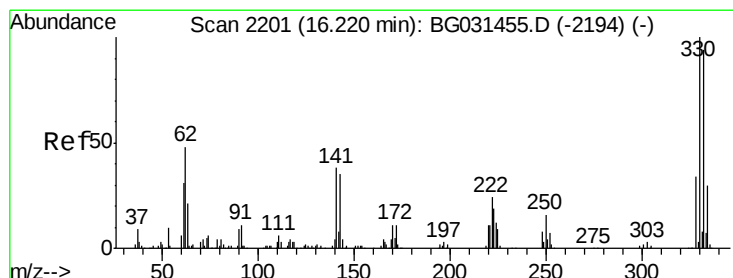
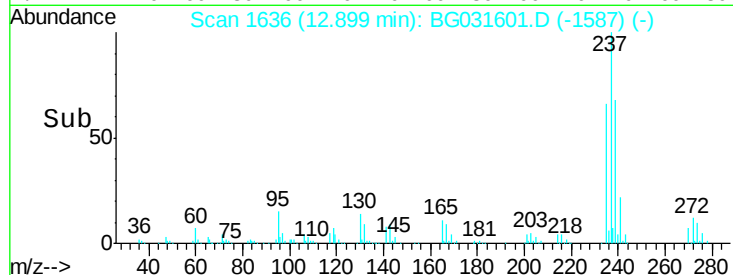
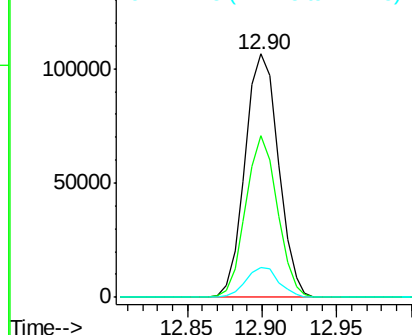
Tgt Ion:	237	Resp:	165273
Ion Ratio	Lower	Upper	
237	100		
235	66.3	50.4	90.4
272	12.5	0.0	31.8

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



#41

2,4,6-Tribromophenol

Concen: 133.162 ng

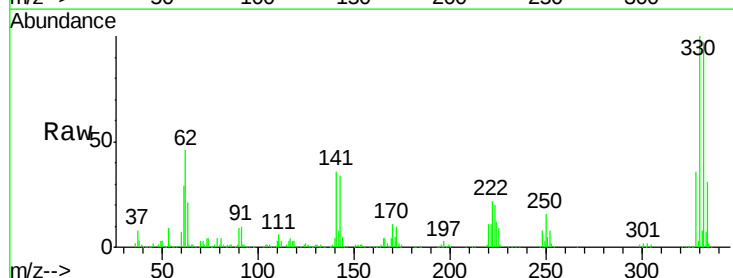
RT: 16.21 min Scan# 2200

Delta R.T. -0.01 min

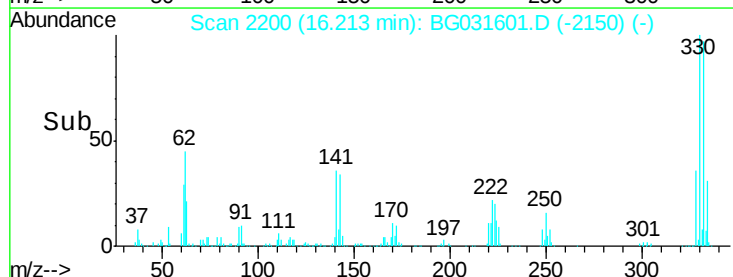
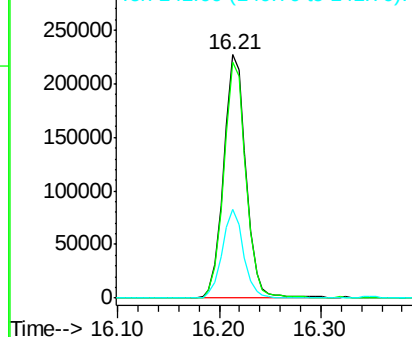
Lab File: BG031601.D

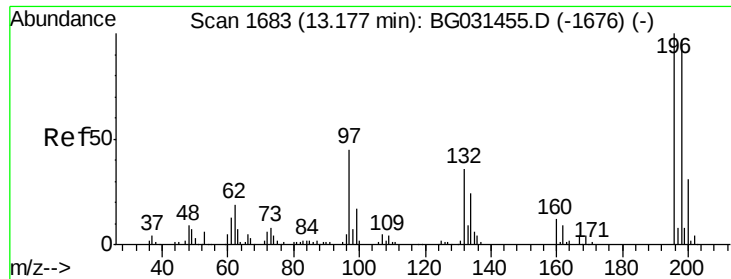
Acq: 15 Dec 2017 23:21

Tgt Ion:	330	Resp:	346445
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.0	115.6
141	35.0	25.2	37.8



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





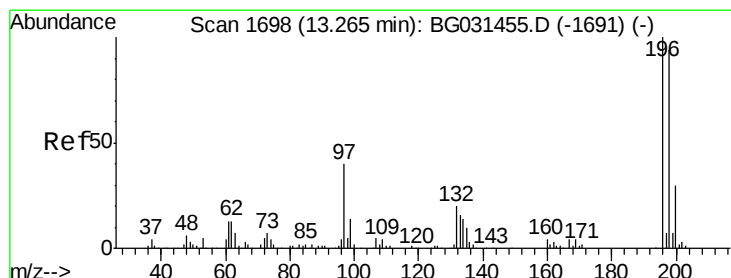
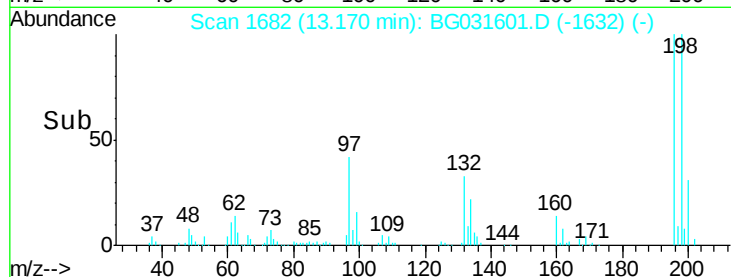
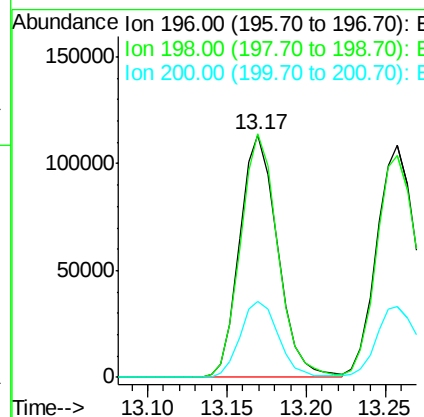
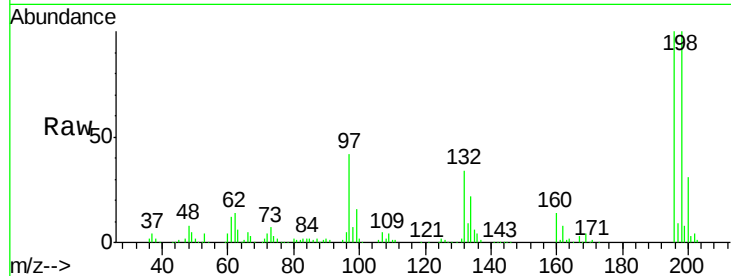
#42
 2,4,6-Trichlorophenol
 Concen: 42.593 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG031601.D
 Acq: 15 Dec 2017 23:21

Instrument :
 BNA_G
 ClientSampleId :
 MAP-5-E(15-16)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	188868		
198	100.4	78.2	117.2	
200	31.5	24.6	36.8	

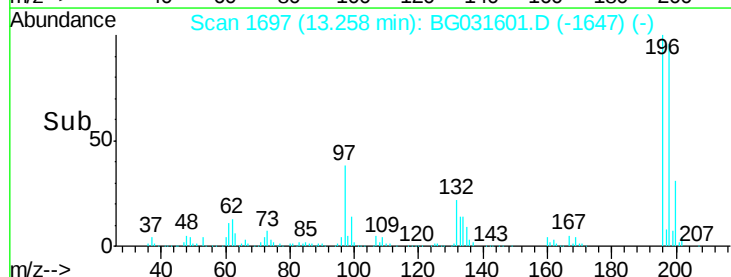
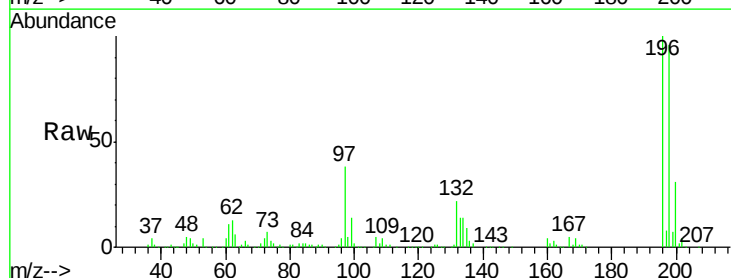
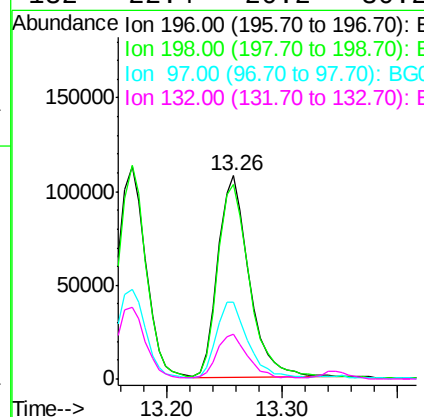
Manual Integrations
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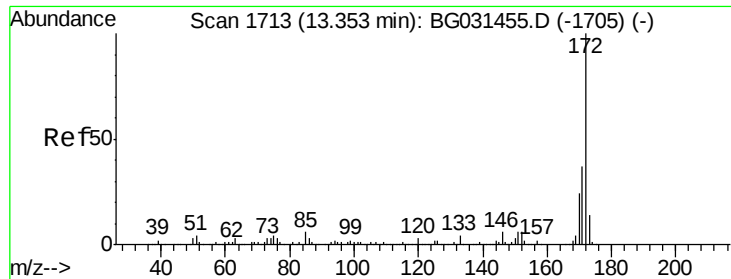
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#43
 2,4,5-Trichlorophenol
 Concen: 42.560 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG031601.D
 Acq: 15 Dec 2017 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	203295		
198	95.9	76.2	114.4	
97	37.5	38.7	58.1#	
132	22.4	20.2	30.2	





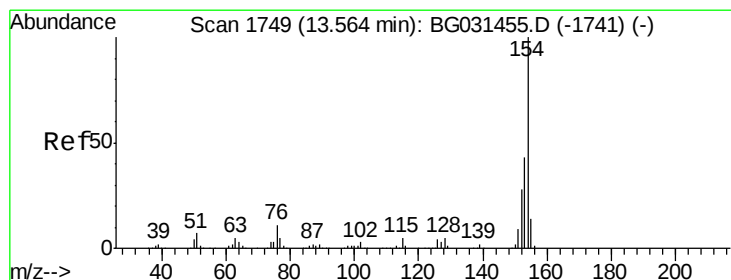
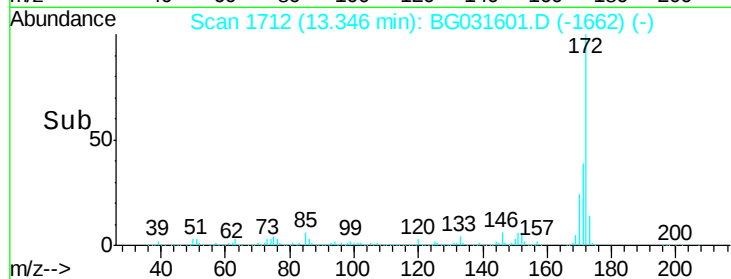
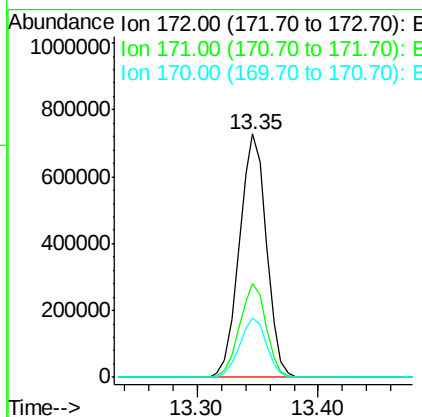
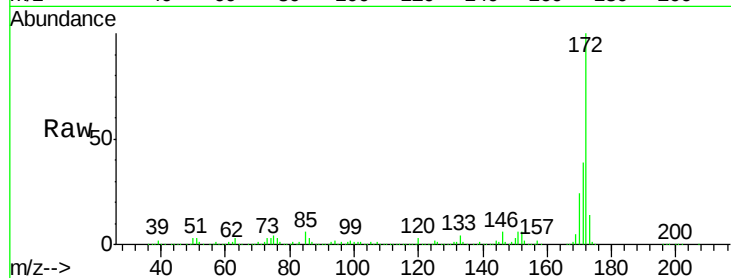
#44
 2-Fluorobiphenyl
 Concen: 75.020 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031601.D
 Acq: 15 Dec 2017 23:21

Instrument :
 BNA_G
 ClientSampleId :
 MAP-5-E(15-16)MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	24.2	19.5	29.3

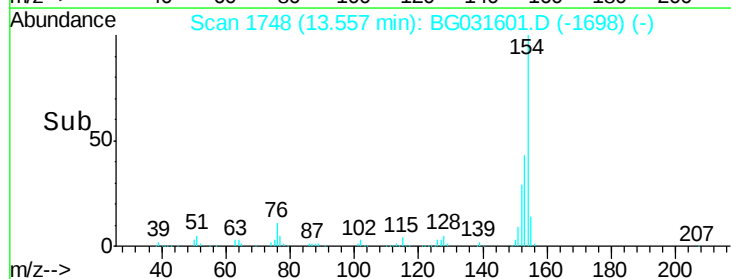
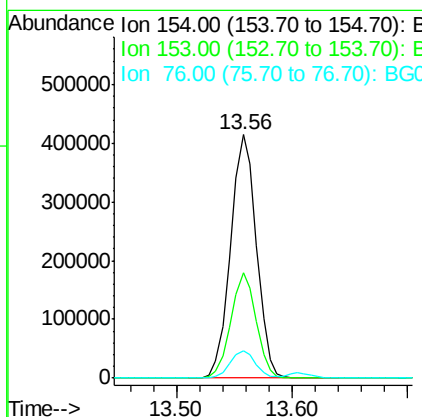
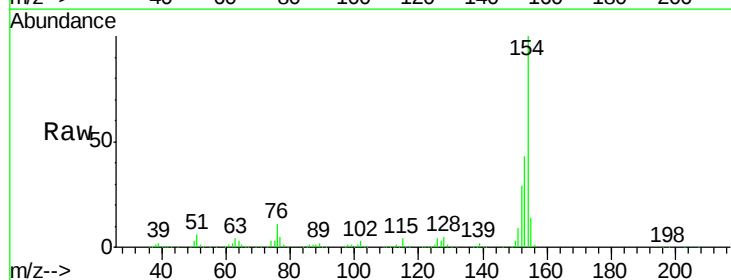
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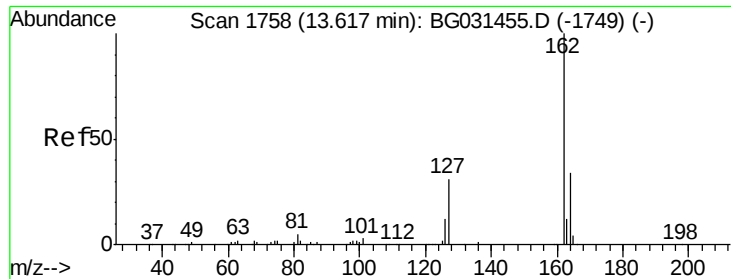
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#45
 1,1'-Biphenyl
 Concen: 35.106 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG031601.D
 Acq: 15 Dec 2017 23:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	19.8	59.8
76	11.0	0.0	31.9





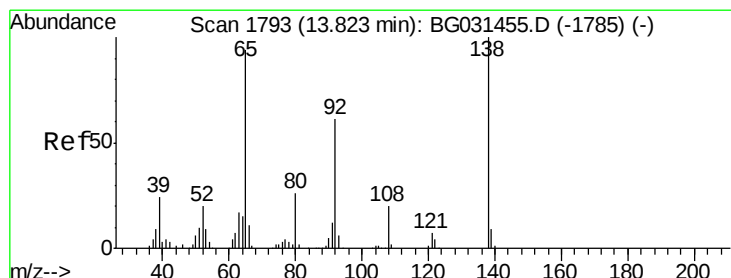
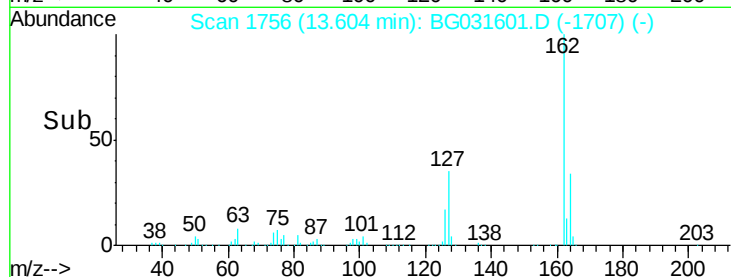
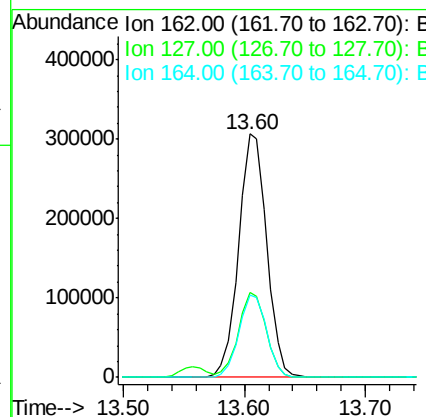
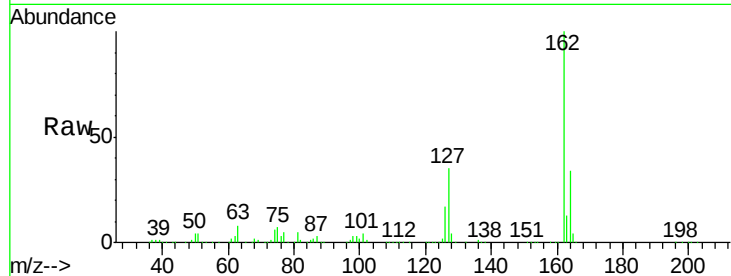
#46
2-Chloronaphthalene
Concen: 37.130 ng
RT: 13.60 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	495684		
127	34.9	30.7	46.1	
164	34.0	26.0	39.0	

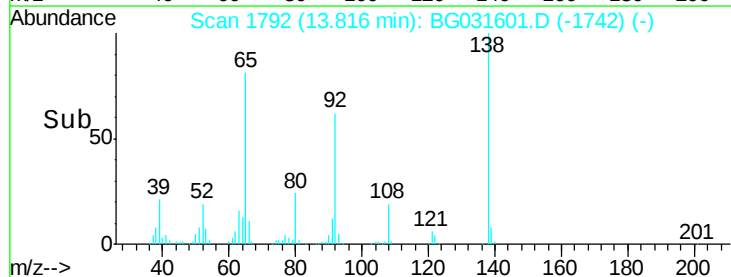
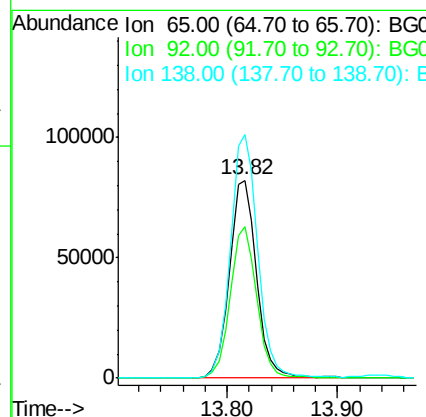
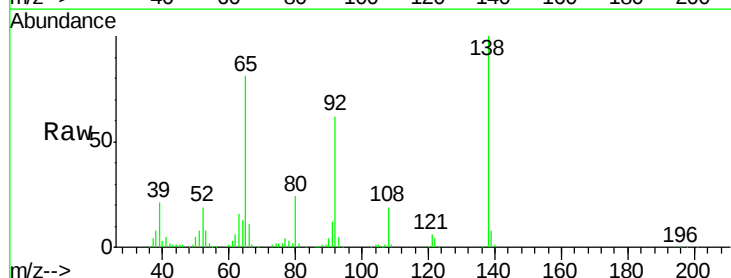
Manual Integrations
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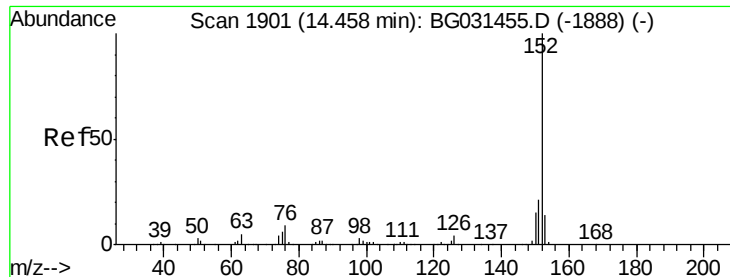
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#47
2-Nitroaniline
Concen: 37.682 ng
RT: 13.82 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	141357		
92	76.6	54.6	82.0	
138	123.3	72.9	109.3	





#48

Acenaphthylene

Concen: 35.201 ng

RT: 14.45 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Instrument :

BNA_G

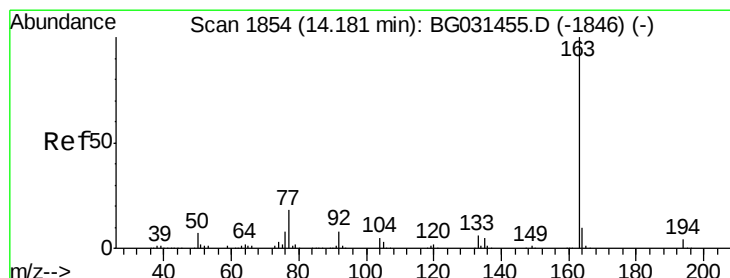
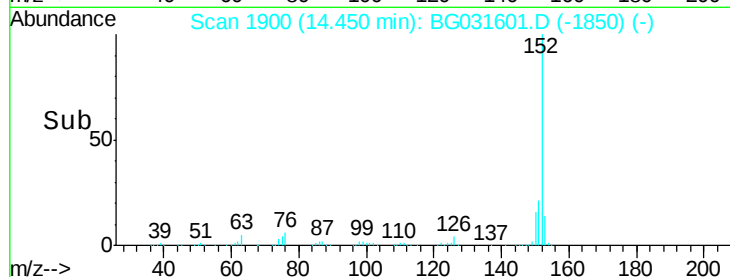
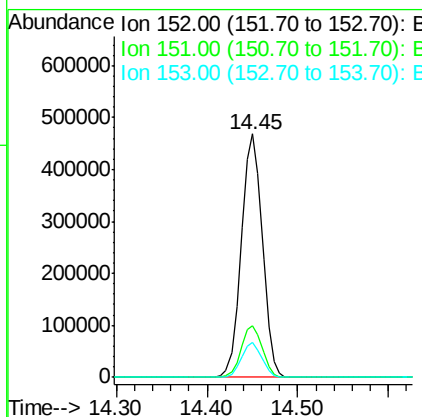
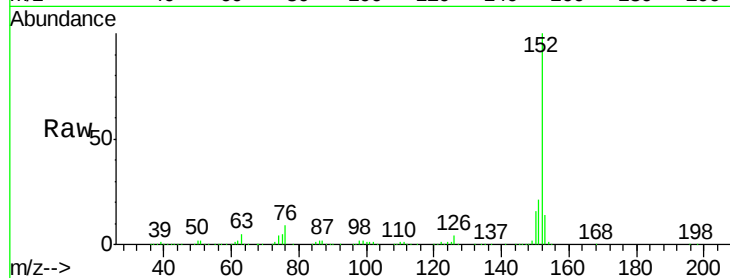
ClientSampleId :

MAP-5-E(15-16)MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.2	25.8
153	14.2	10.2	15.4

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#49

Dimethylphthalate

Concen: 42.090 ng

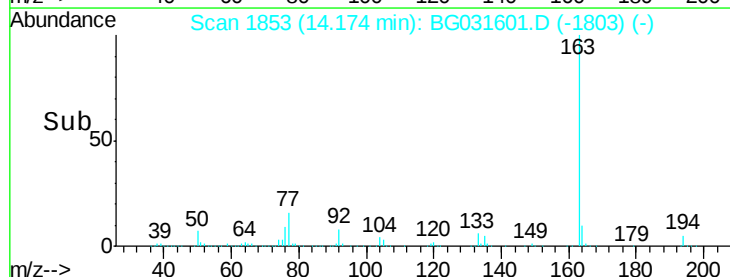
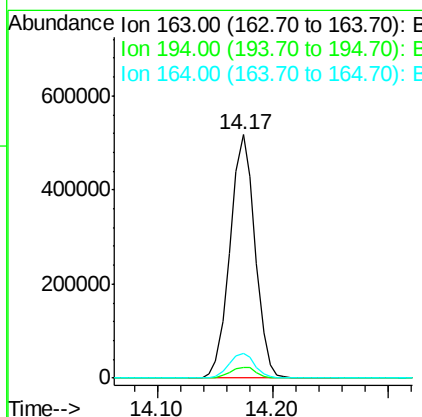
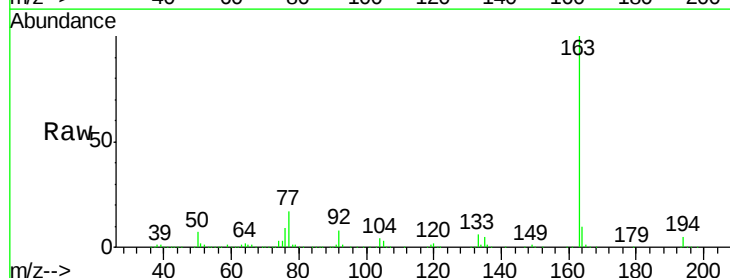
RT: 14.17 min Scan# 1853

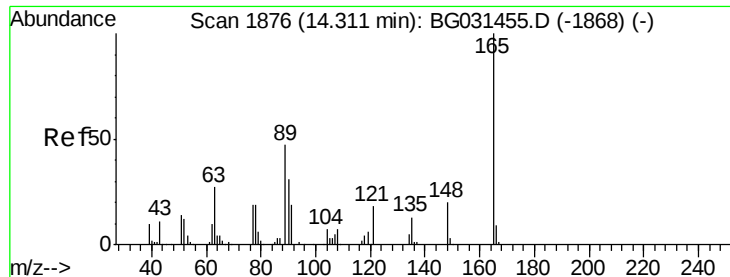
Delta R.T. -0.01 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.2	8.2	12.4





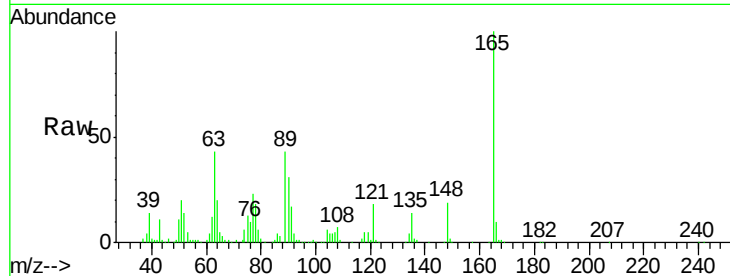
#50
2,6-Dinitrotoluene
Concen: 40.377 ng
RT: 14.30 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	158672		
63	42.9	52.7	79.1#	
89	43.2	49.2	73.8#	

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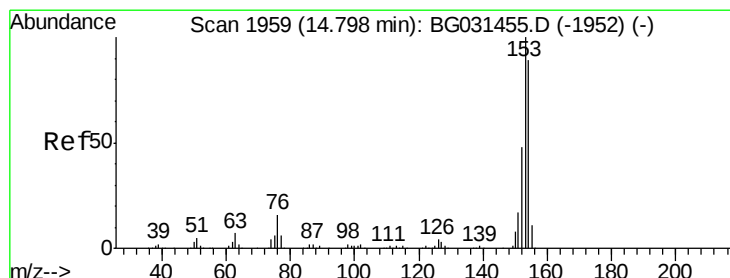
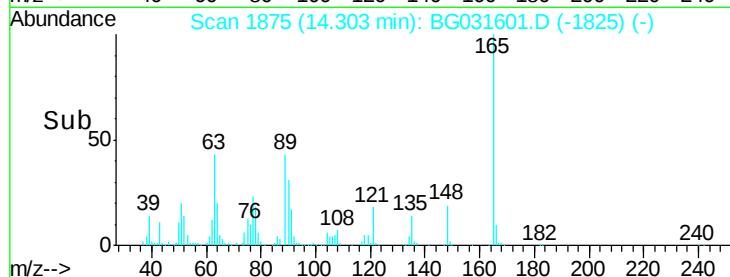
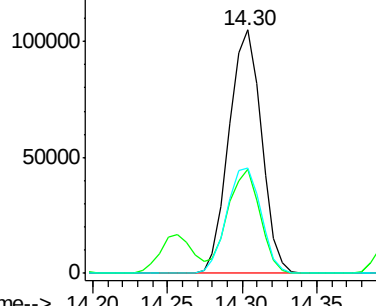
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Abundance Ion 165.00 (164.70 to 165.70): E

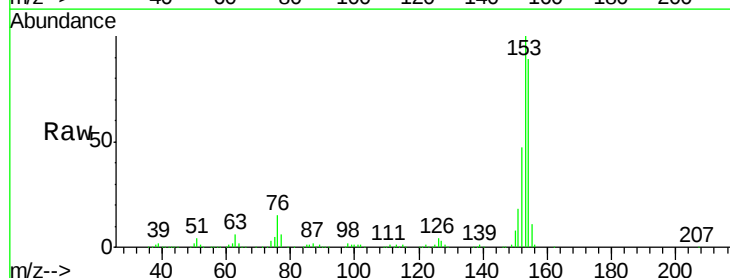
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#51
Acenaphthene
Concen: 34.801 ng
RT: 14.79 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

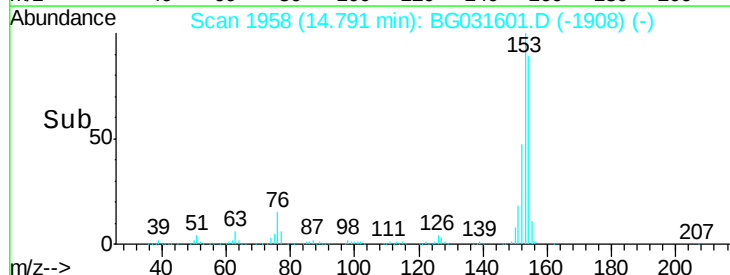
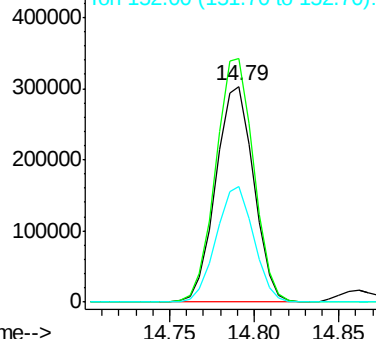
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	472690		
153	112.8	90.4	135.6	
152	53.4	41.6	62.4	

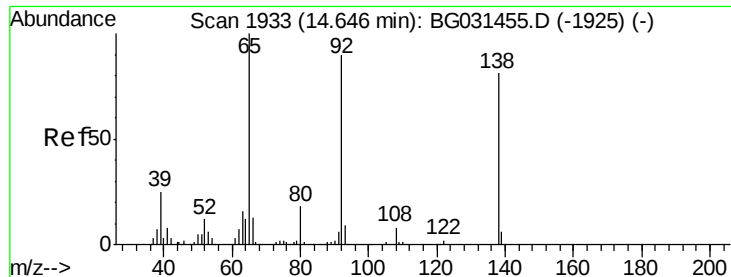


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 23.712 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Instrument :

BNA_G

ClientSampleId :

MAP-5-E(15-16)MSD

Tgt Ion:138 Resp: 94990

Ion Ratio Lower Upper

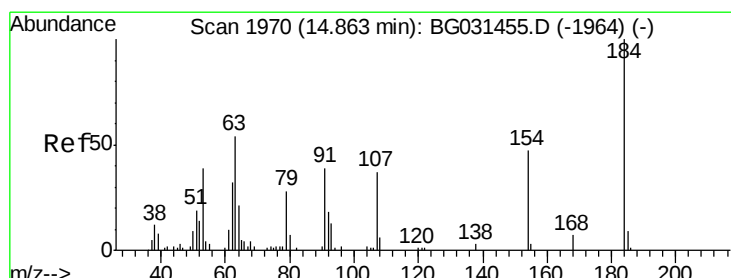
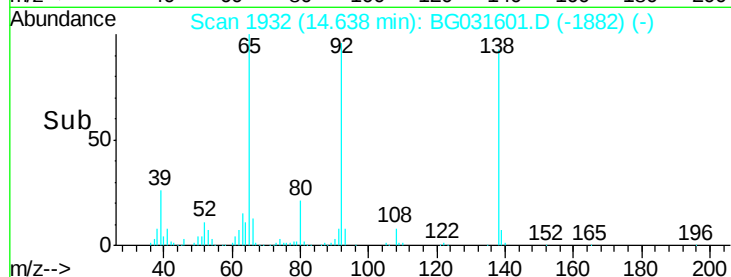
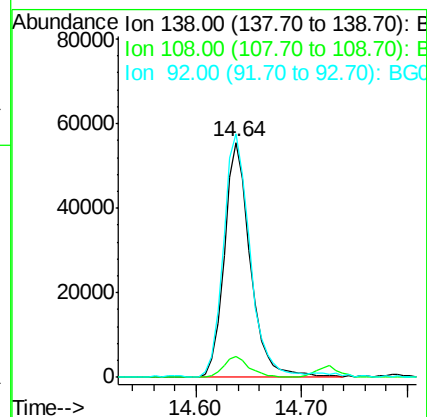
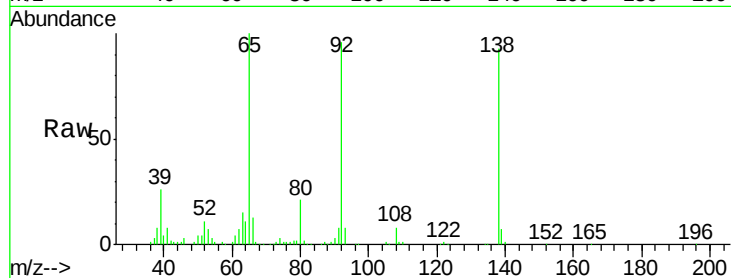
138 100

108 8.9 17.5 26.3#

92 103.6 105.8 158.8#

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#53

2,4-Dinitrophenol

Concen: 40.984 ng

RT: 14.86 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

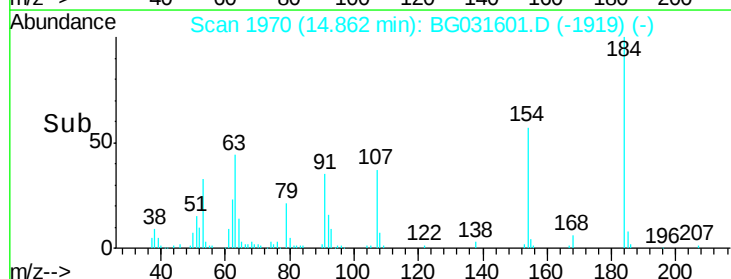
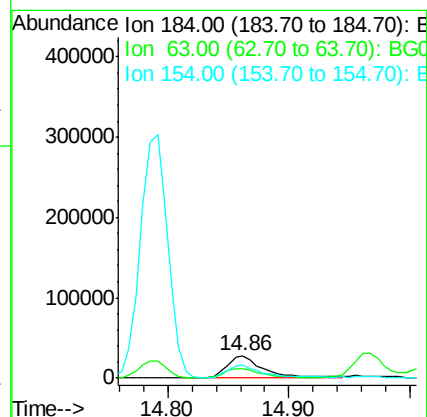
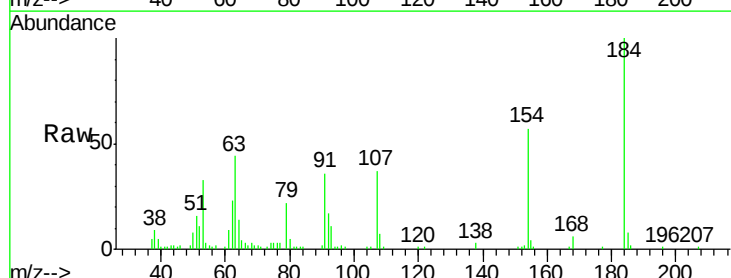
Tgt Ion:184 Resp: 59049

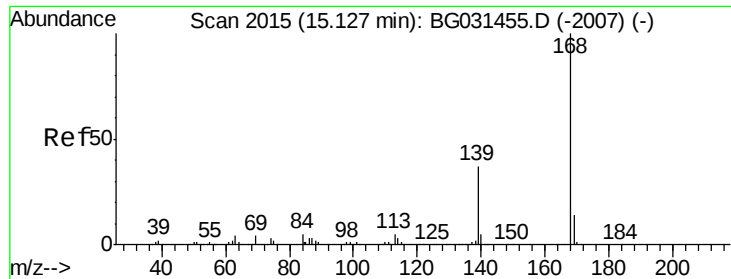
Ion Ratio Lower Upper

184 100

63 44.3 59.8 89.8#

154 56.9 101.8 152.8#





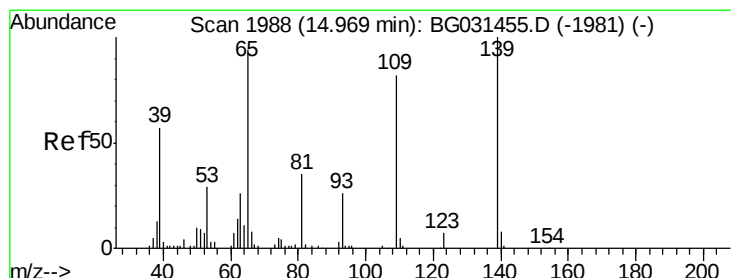
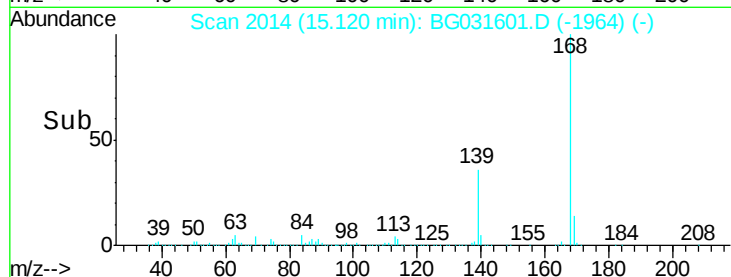
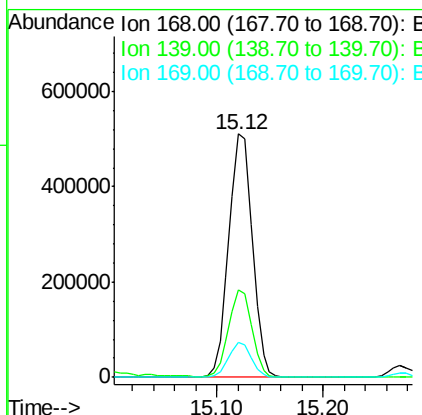
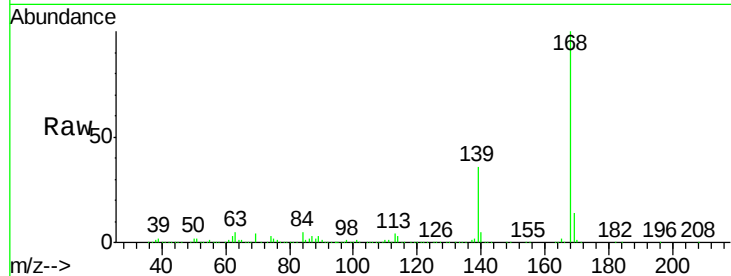
#54
Dibenzofuran
Concen: 36.366 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)MSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.1	28.6	43.0
169	14.2	11.2	16.8

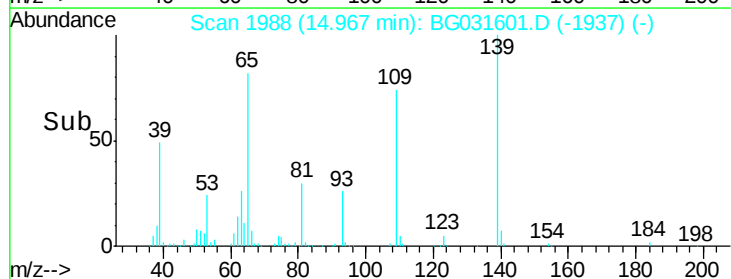
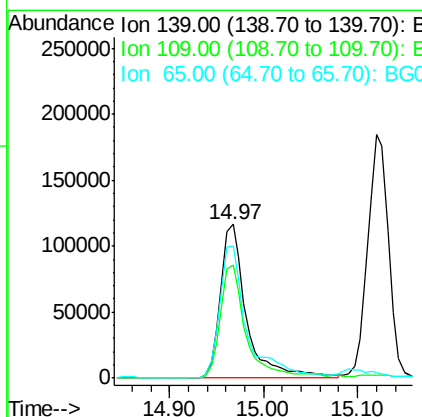
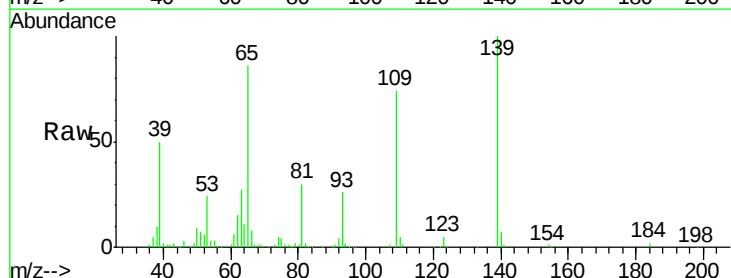
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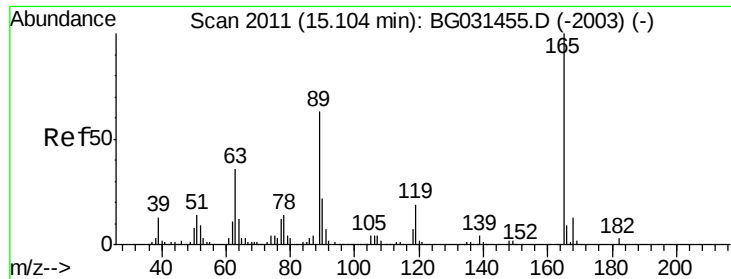
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#55
4-Nitrophenol
Concen: 83.829 ng
RT: 14.97 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.1	62.2	102.2
65	86.2	97.2	137.2#





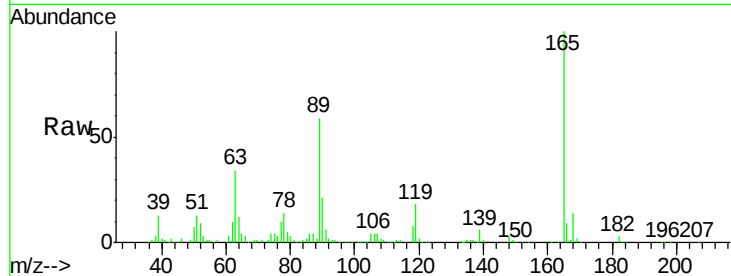
#56
2,4-Dinitrotoluene
Concen: 41.112 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	229469		
63	34.3	42.0	63.0#	
89	58.7	66.9	100.3#	
182	2.8	2.6	3.8	

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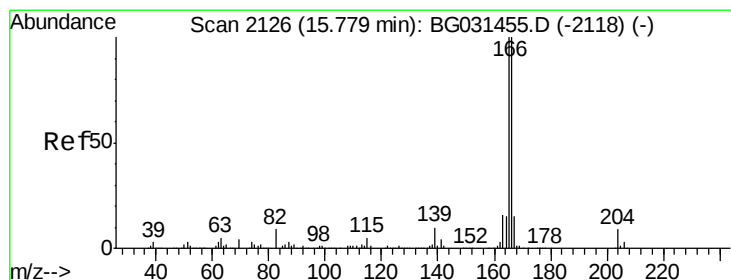
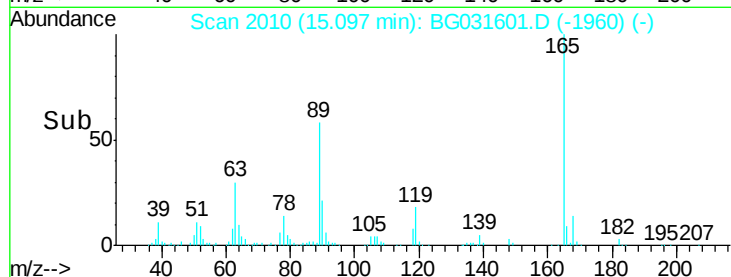
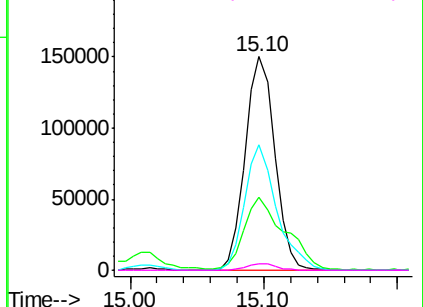


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



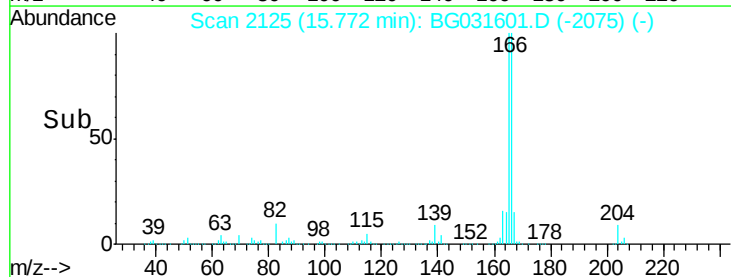
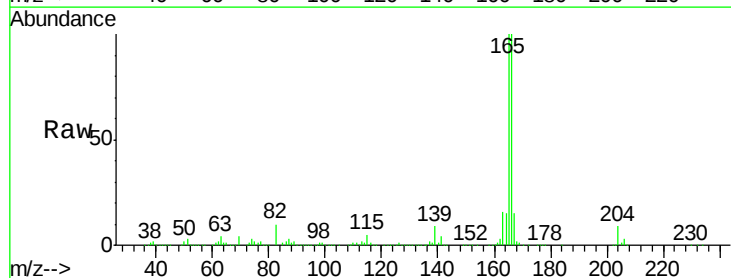
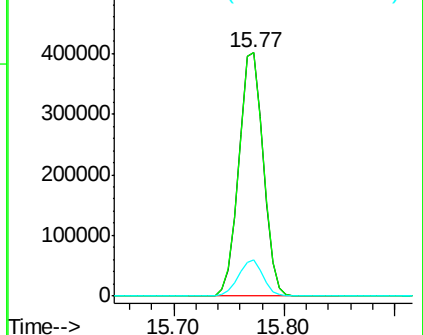
#57
Fluorene
Concen: 36.015 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

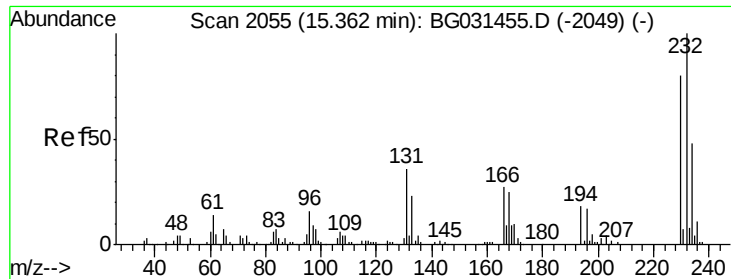
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	625470		
165	100.0	80.6	121.0	
167	14.8	10.4	15.6	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





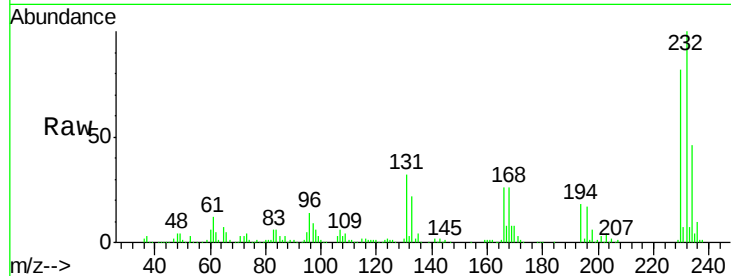
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.761 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG031601.D
 Acq: 15 Dec 2017 23:21

Instrument :
 BNA_G
 ClientSampleId :
 MAP-5-E(15-16)MSD

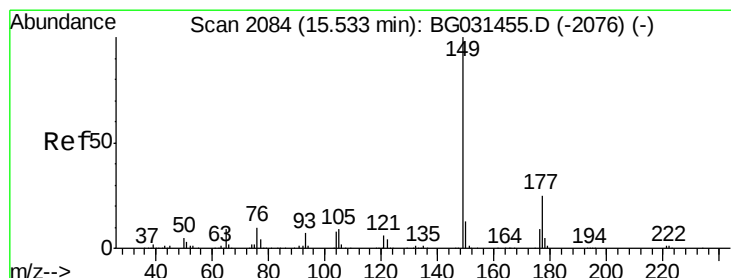
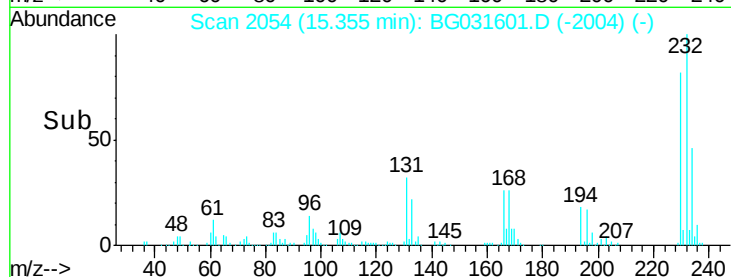
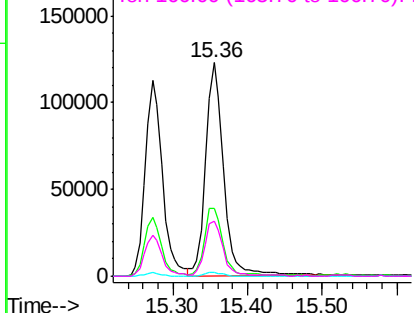
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	205457		
131	33.2	33.5	50.3#	
130	1.9	2.2	3.2#	
166	25.5	24.8	37.2	

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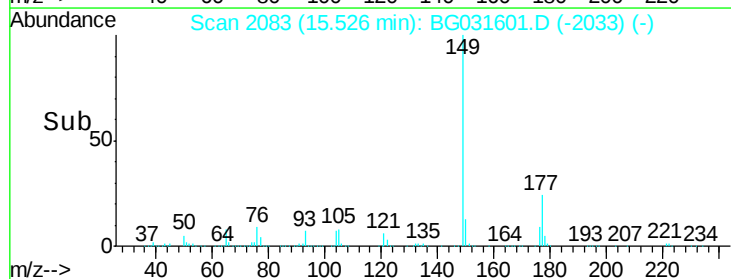
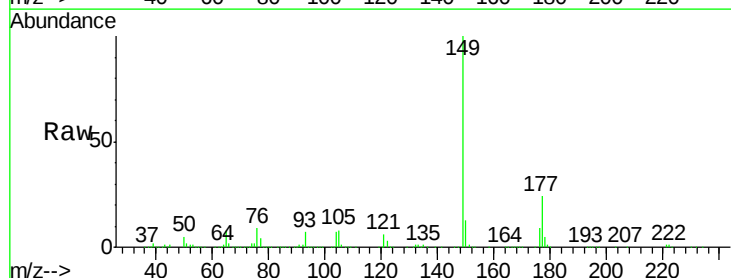
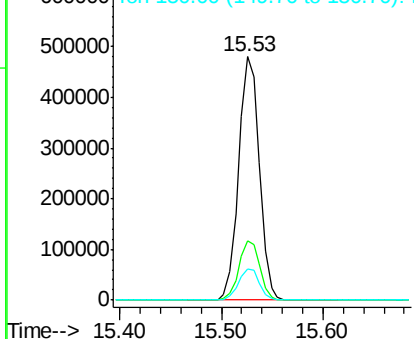
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

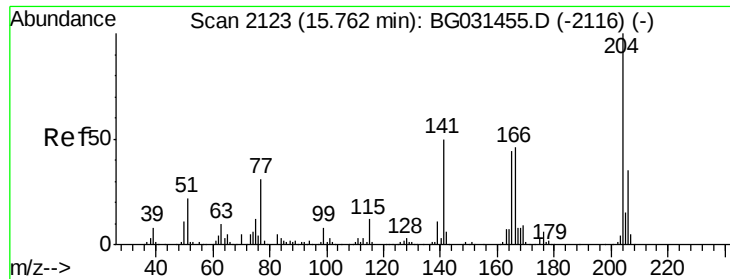


#59
 Diethylphthalate
 Concen: 36.764 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BG031601.D
 Acq: 15 Dec 2017 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	677517		
177	24.3	18.5	27.7	
150	12.6	10.2	15.2	

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





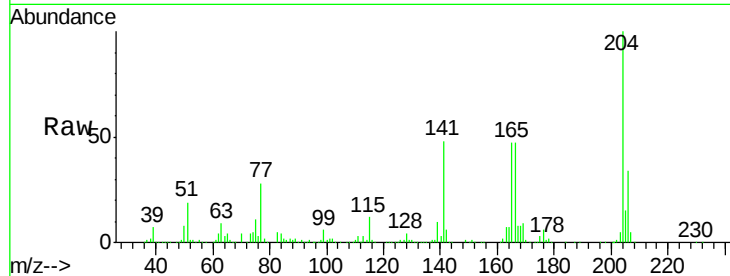
#60
 4-Chlorophenyl-phenylether
 Concen: 35.252 ng
 RT: 15.75 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BG031601.D
 Acq: 15 Dec 2017 23:21

Instrument :
 BNA_G
 ClientSampleId :
 MAP-5-E(15-16)MSD

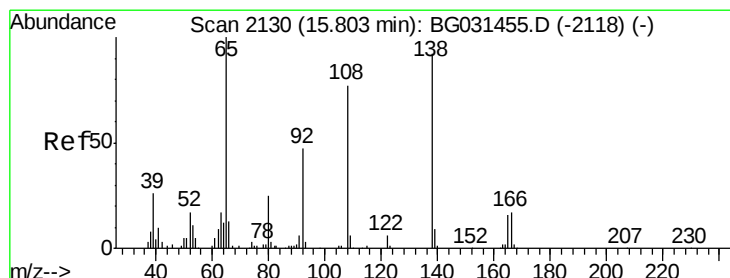
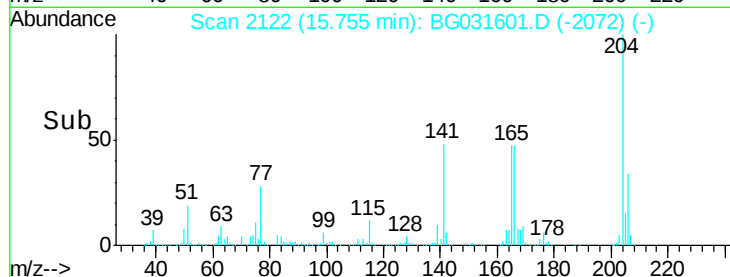
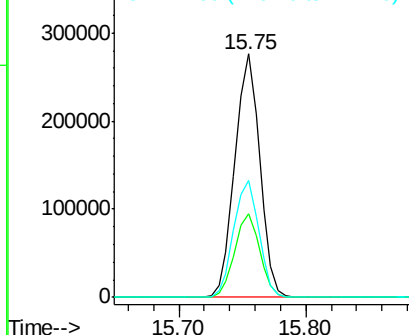
Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.2	39.2
141	48.3	45.8	68.6

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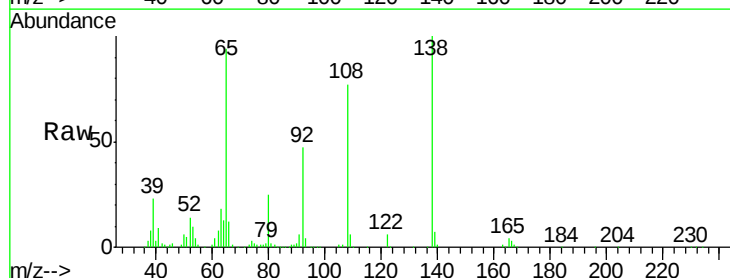


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

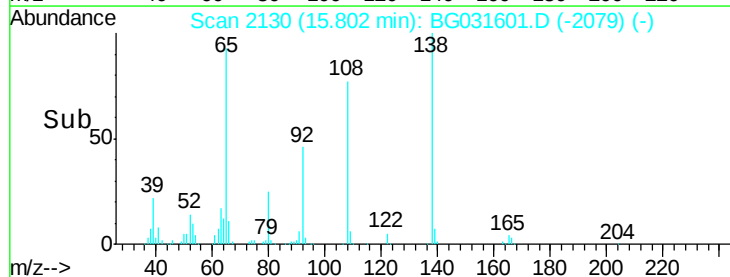
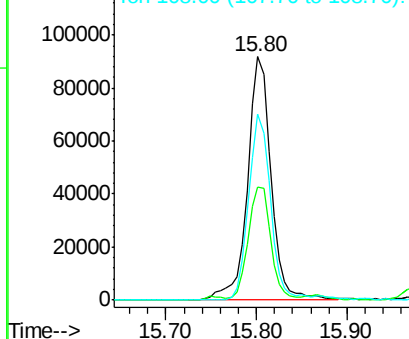


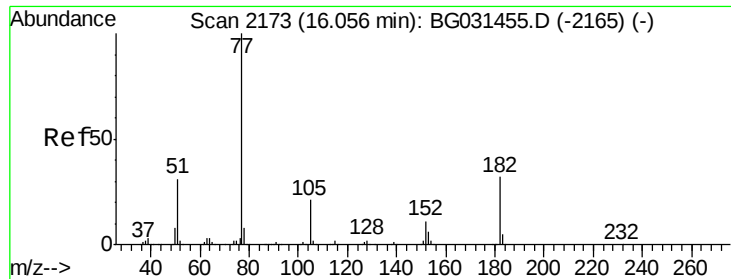
#61
 4-Nitroaniline
 Concen: 39.157 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BG031601.D
 Acq: 15 Dec 2017 23:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.7	40.1	80.1
108	76.6	65.4	105.4



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





#62

Azobenzene

Concen: 34.751 ng

RT: 16.05 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BG031601.D

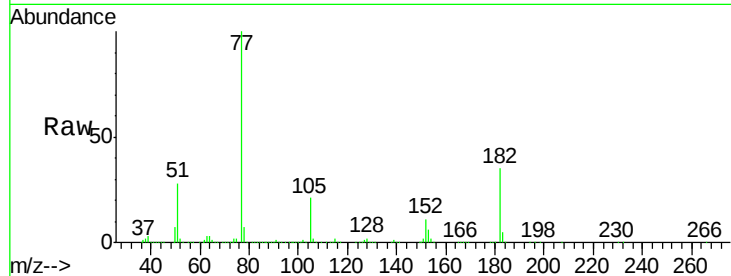
Acq: 15 Dec 2017 23:21

Instrument :

BNA_G

ClientSampleId :

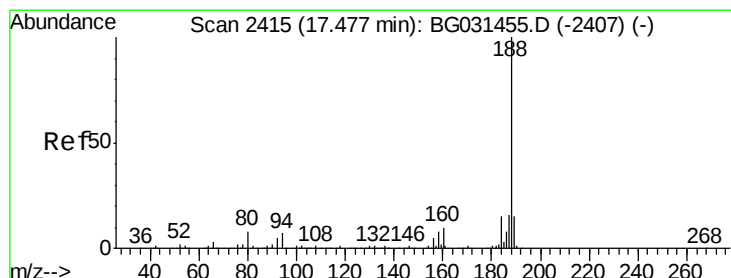
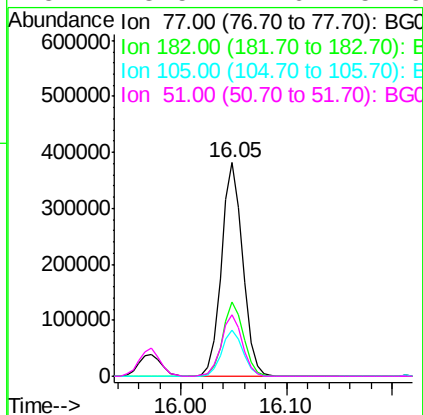
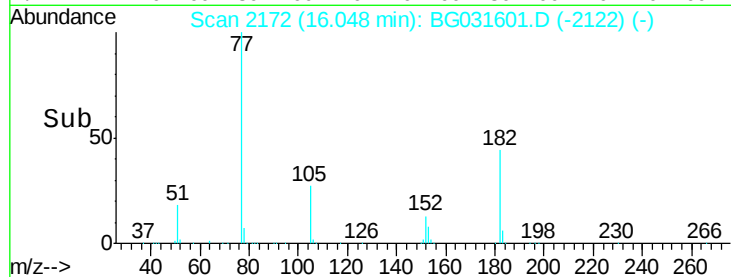
MAP-5-E(15-16)MSD



Tgt Ion	Ratio	Lower	Upper
77	100		
182	34.8	7.4	47.4
105	21.5	0.3	40.3
51	28.5	11.6	51.6

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

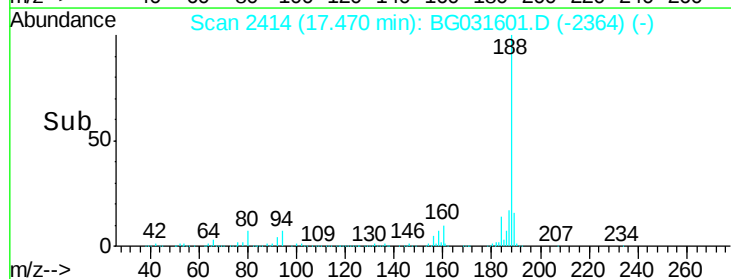
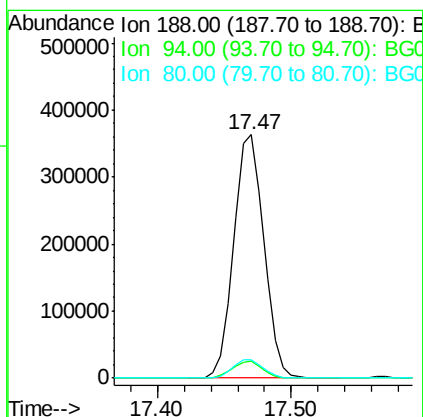
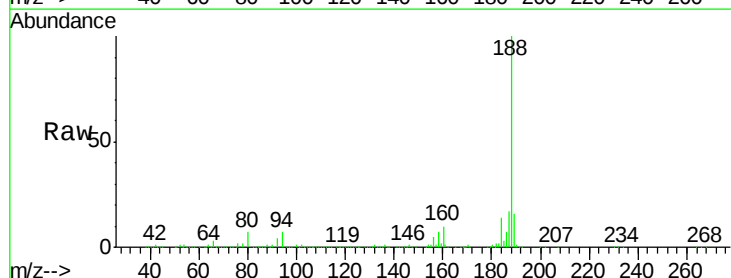
RT: 17.47 min Scan# 2414

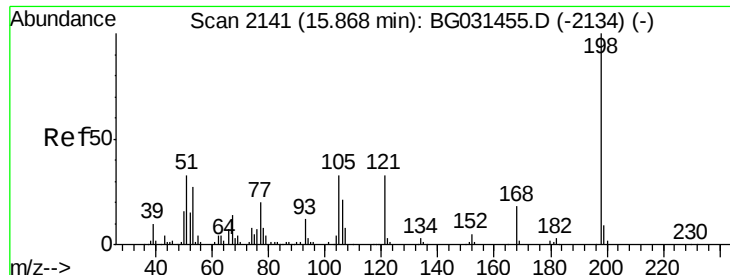
Delta R.T. -0.01 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	7.3	7.7	11.5#





#64

4,6-Dinitro-2-methylphenol

Concen: 34.583 ng

RT: 15.87 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Instrument :

BNA_G

ClientSampleId :

MAP-5-E(15-16)MSD

Tgt Ion:198 Resp: 114046
Ion Ratio Lower Upper

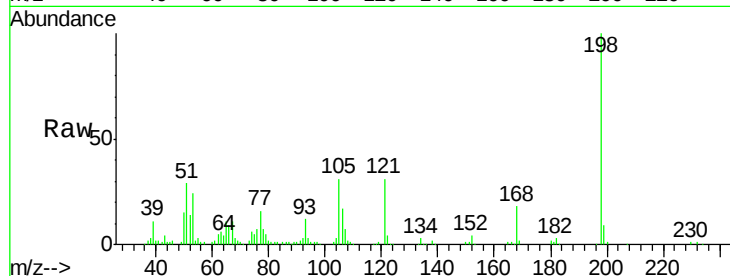
198 100

51 29.1 30.6 70.6#

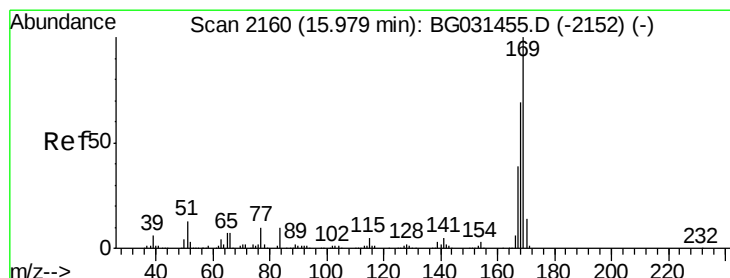
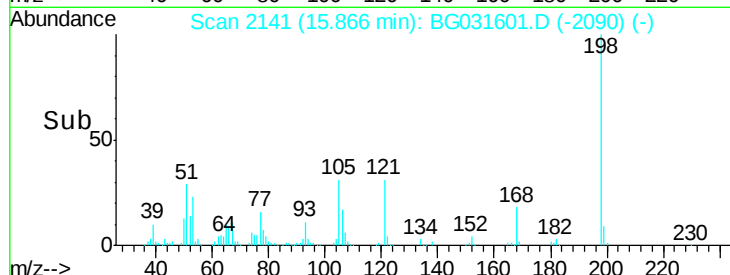
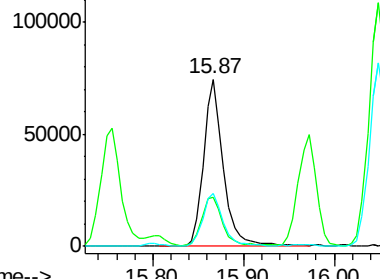
105 31.4 23.8 63.8

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 36.088 ng

RT: 15.97 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

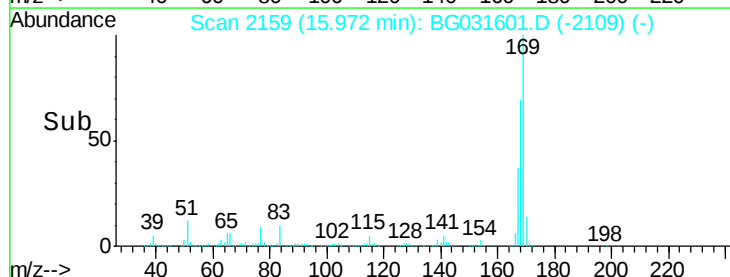
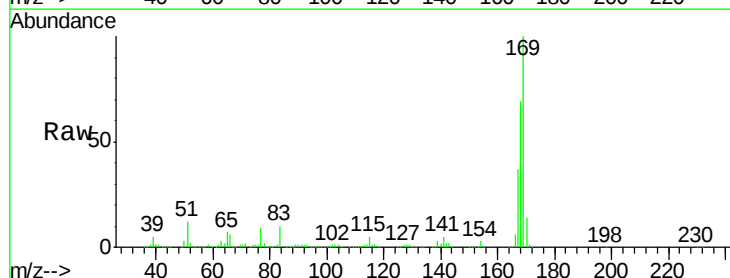
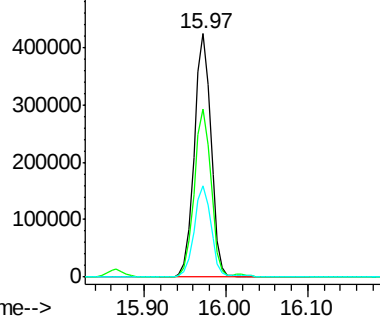
Tgt Ion:169 Resp: 602132
Ion Ratio Lower Upper

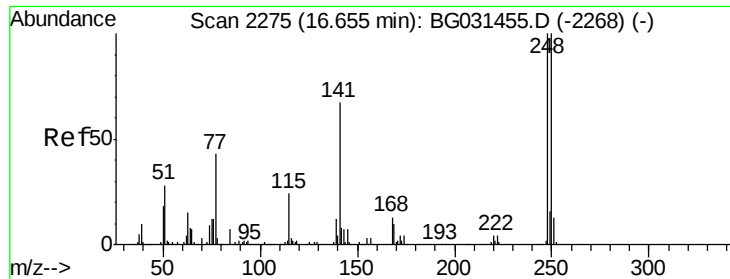
169 100

168 69.2 55.7 83.5

167 37.2 30.1 45.1

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





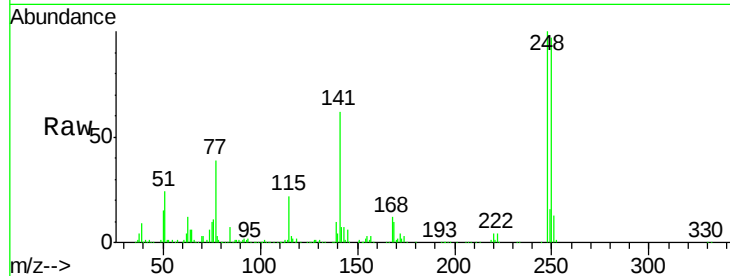
#66
4-Bromophenyl-phenylether
Concen: 37.649 ng
RT: 16.65 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)MSD

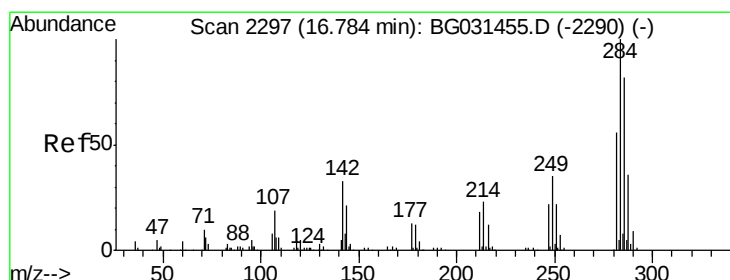
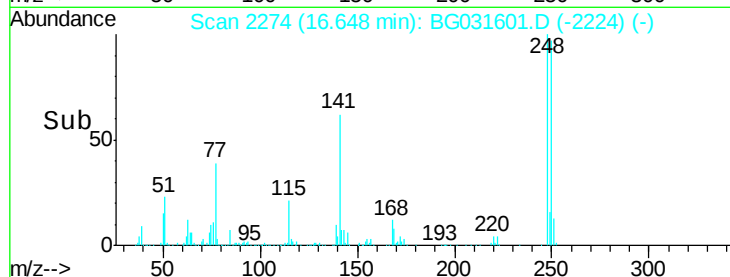
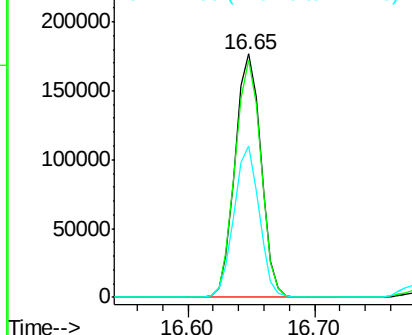
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.1	115.7
141	62.3	50.8	76.2

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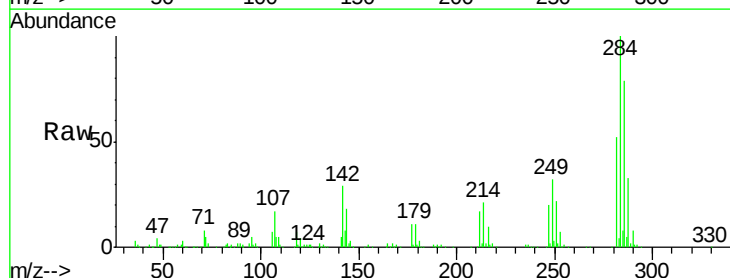


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

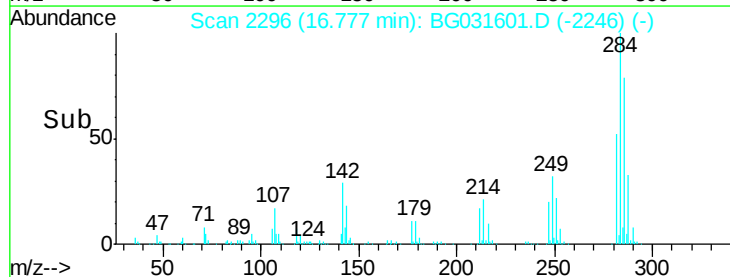
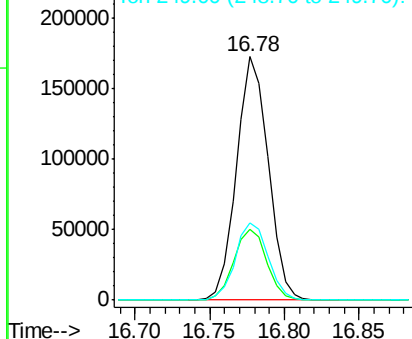


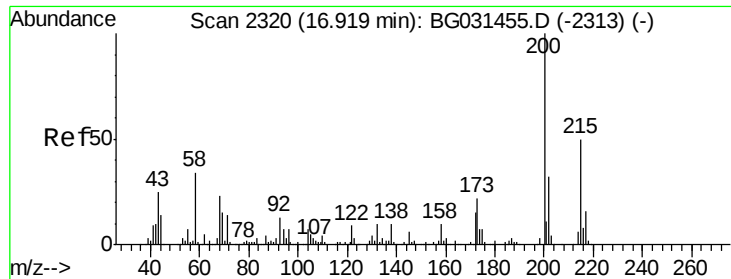
#67
Hexachlorobenzene
Concen: 37.128 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.2	26.8	40.2
249	31.8	26.3	39.5



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





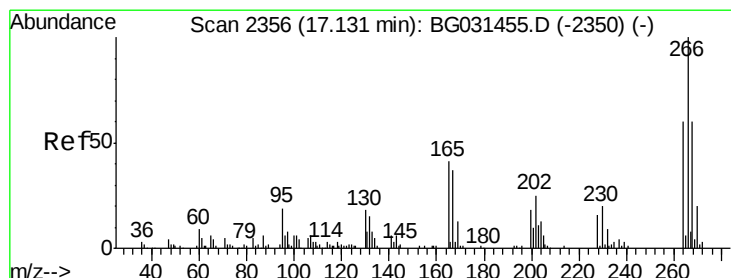
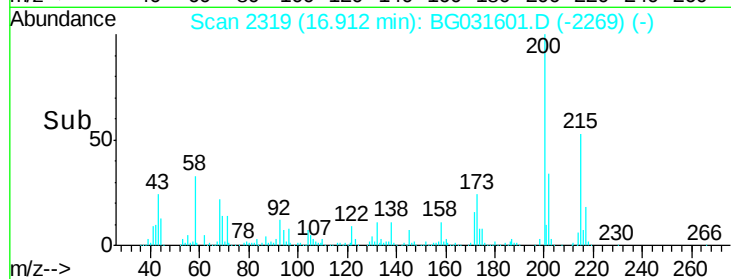
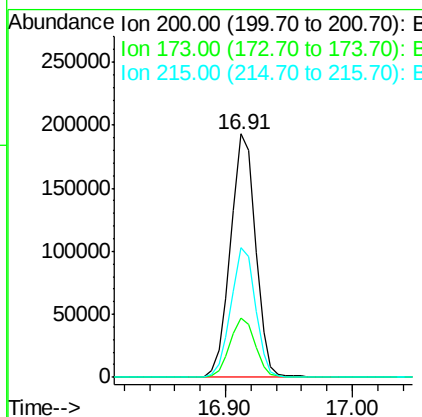
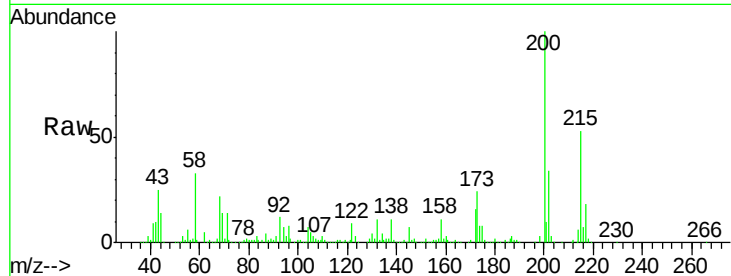
#68
 Atrazine
 Concen: 43.256 ng
 RT: 16.91 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG031601.D
 Acq: 15 Dec 2017 23:21

Instrument :
 BNA_G
 ClientSampleId :
 MAP-5-E(15-16)MSD

Tgt Ion:	200	Resp:	263894
Ion Ratio	Lower	Upper	
200	100		
173	24.4	5.2	45.2
215	53.4	30.4	70.4

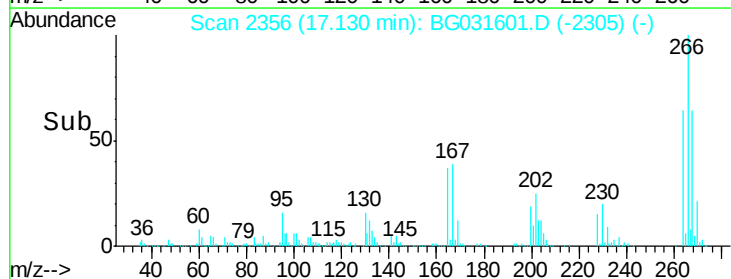
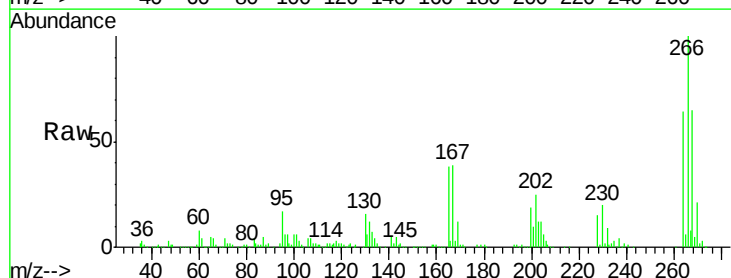
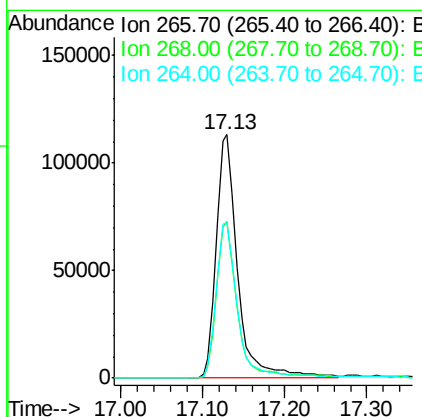
Manual Integrations
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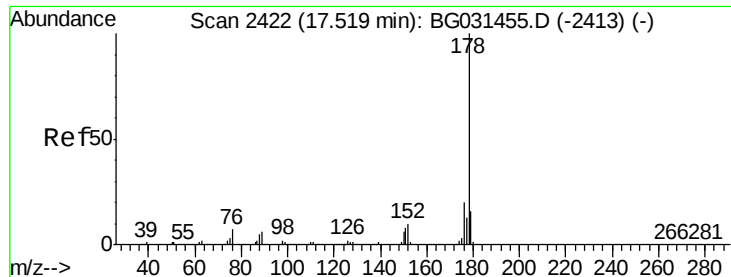
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#69
 Pentachlorophenol
 Concen: 64.335 ng
 RT: 17.13 min Scan# 2356
 Delta R.T. -0.00 min
 Lab File: BG031601.D
 Acq: 15 Dec 2017 23:21

Tgt Ion:	266	Resp:	207747
Ion Ratio	Lower	Upper	
266	100		
268	64.5	51.1	76.7
264	63.8	49.6	74.4





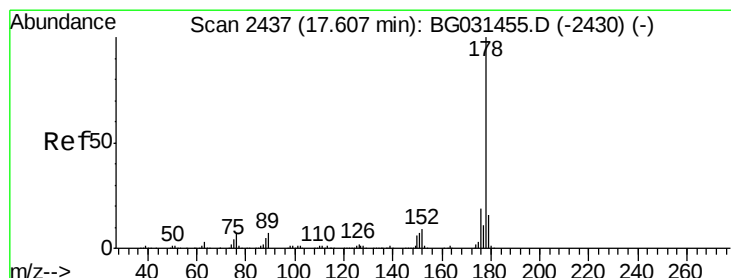
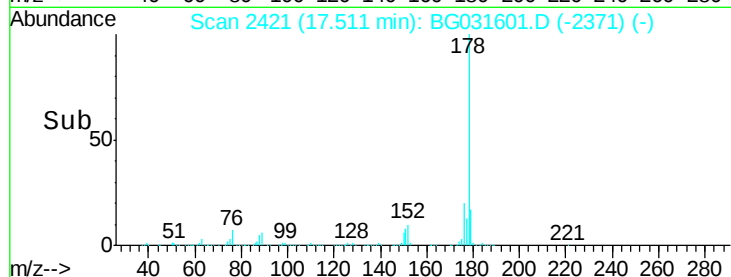
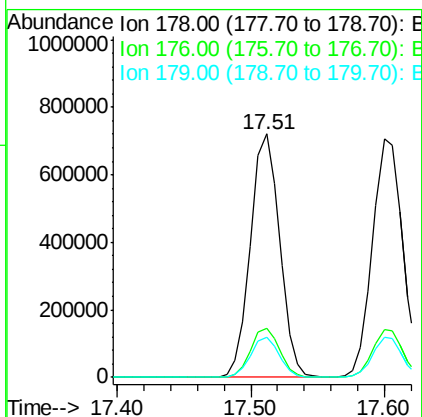
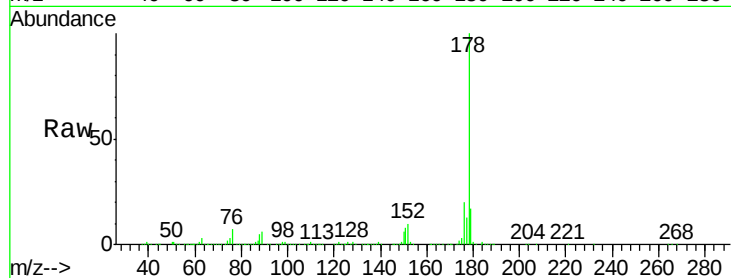
#70
Phenanthrene
Concen: 36.459 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)MSD

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

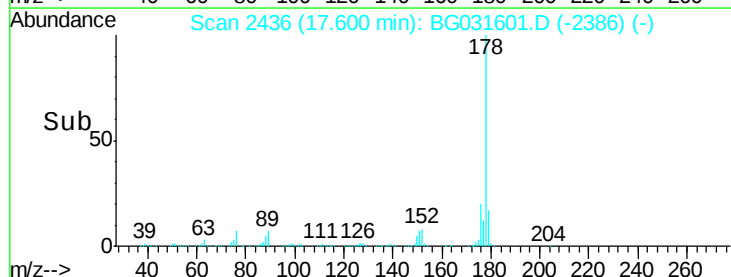
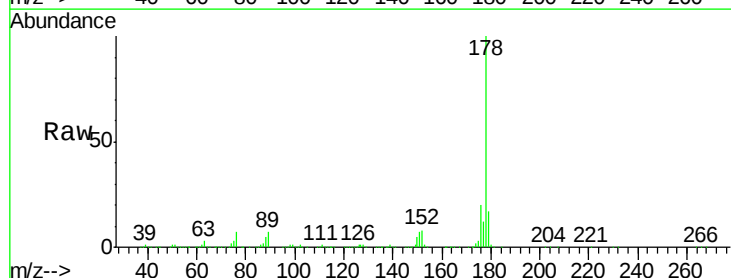
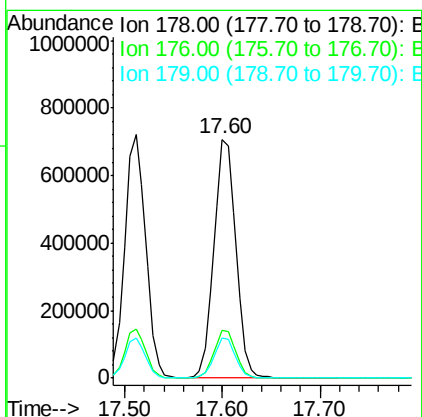
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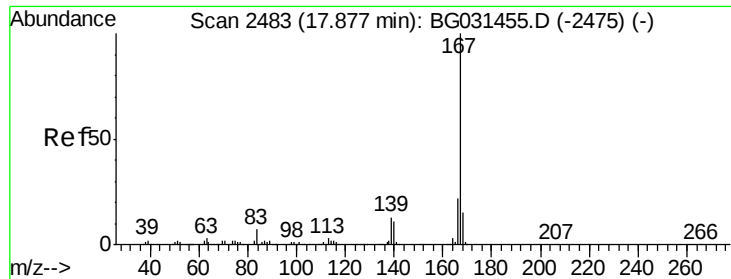
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#71
Anthracene
Concen: 37.474 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	16.8	12.5	18.7





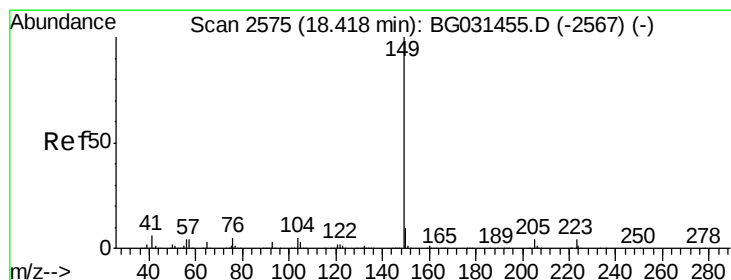
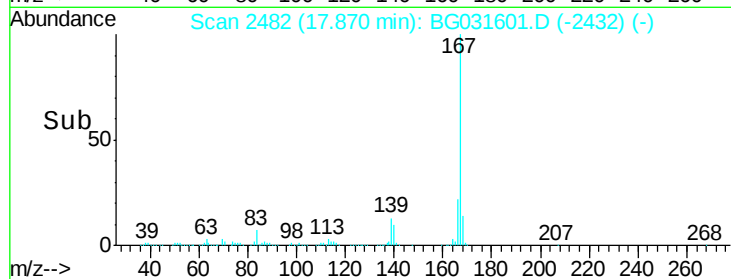
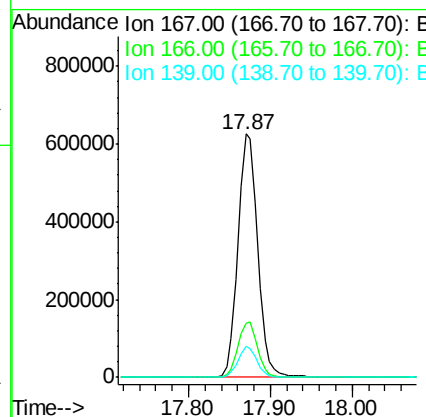
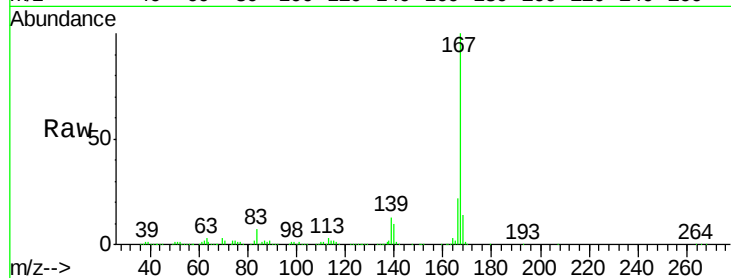
#72
 Carbazole
 Concen: 39.601 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.01 min
 Lab File: BG031601.D
 Acq: 15 Dec 2017 23:21

Instrument :
 BNA_G
 ClientSampleId :
 MAP-5-E(15-16)MSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	12.5	9.4	14.2

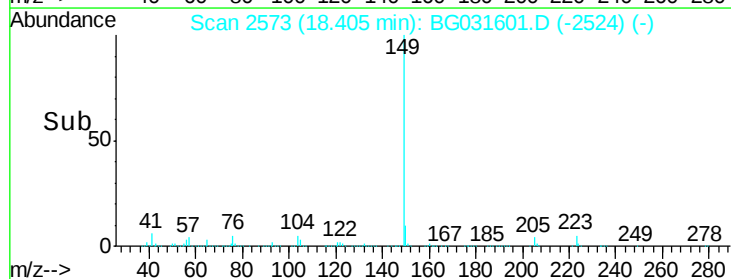
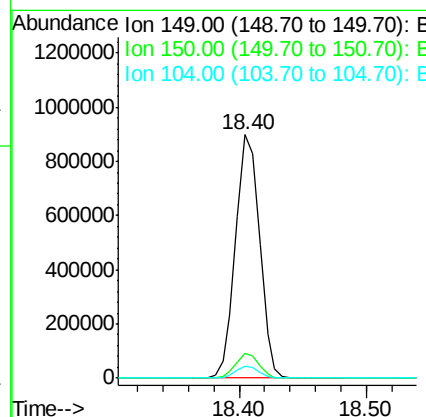
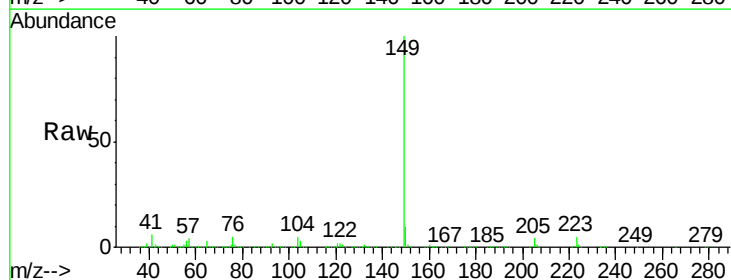
Manual Integrations
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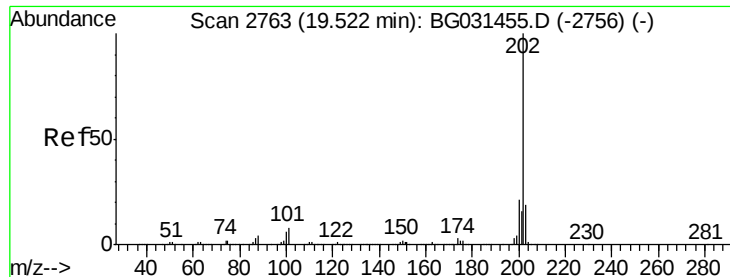
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#73
 Di-n-butylphthalate
 Concen: 38.359 ng
 RT: 18.40 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BG031601.D
 Acq: 15 Dec 2017 23:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.8	11.6
104	4.9	3.9	5.9





#74

Fluoranthene

Concen: 38.406 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Instrument :

BNA_G

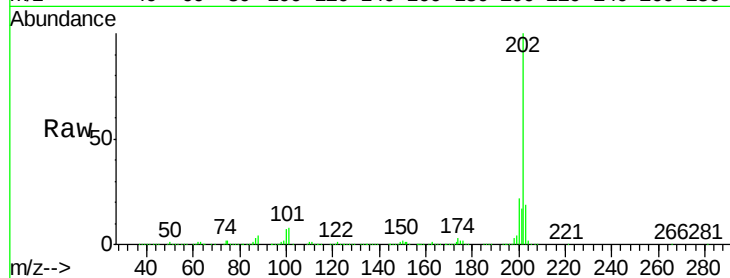
ClientSampleId :

MAP-5-E(15-16)MSD

Tgt Ion:	202	Resp:	1430883
Ion Ratio	Lower	Upper	
202	100		
101	7.9	0.0	28.9
203	19.4	0.0	37.5

Manual Integrations
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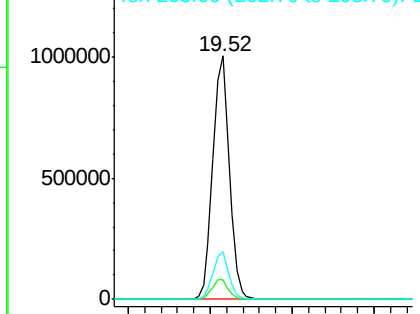
Sohil
12/18/2017 5:07:50 PM



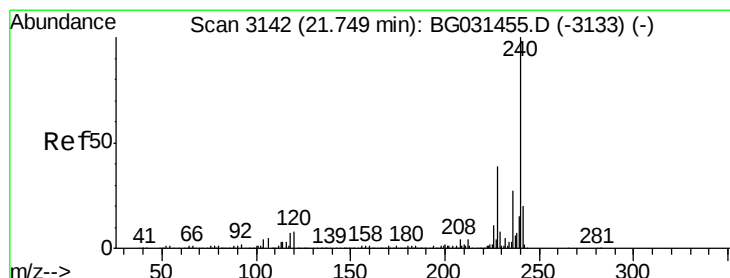
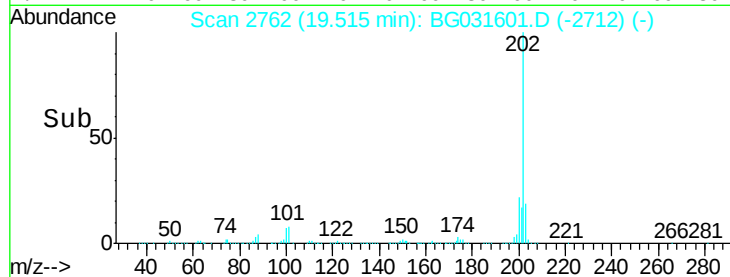
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG031601.D

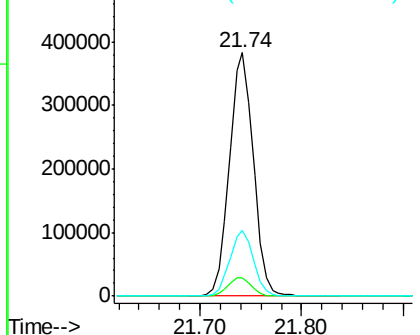
Acq: 15 Dec 2017 23:21

Tgt Ion:	240	Resp:	626859
Ion Ratio	Lower	Upper	
240	100		
120	7.7	6.8	10.2
236	26.8	20.9	31.3

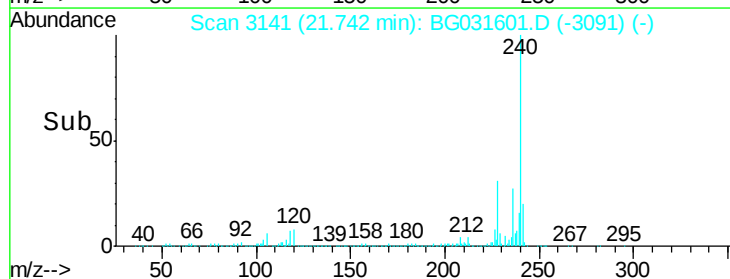
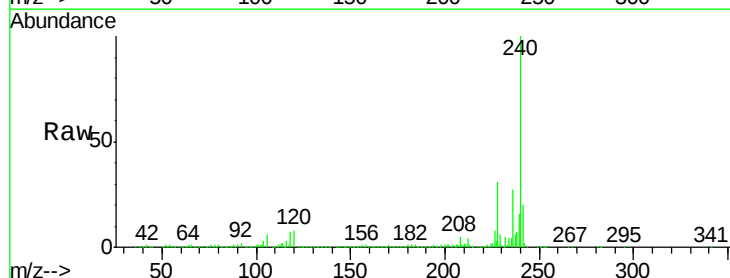
Abundance Ion 240.00 (239.70 to 240.70): E

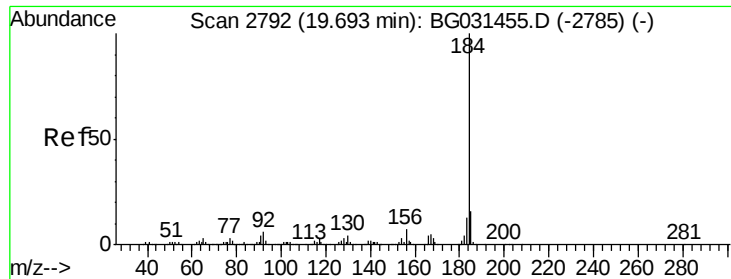
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#76

Benzidine

Concen: 37.779 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Instrument :

BNA_G

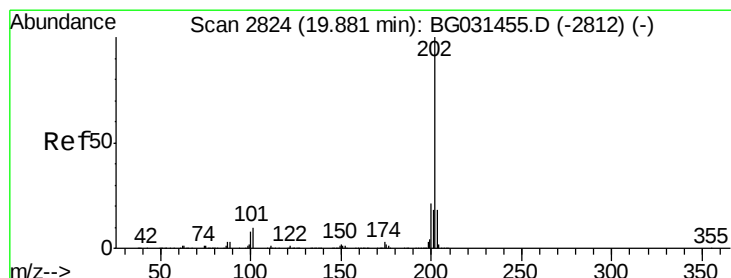
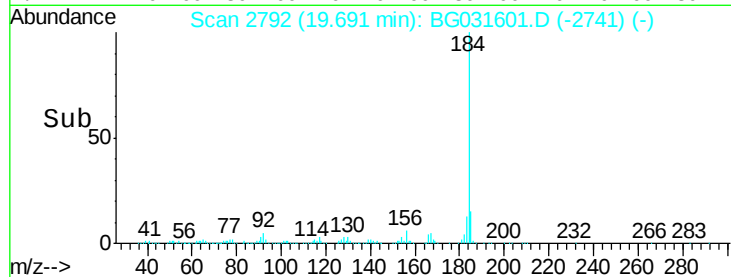
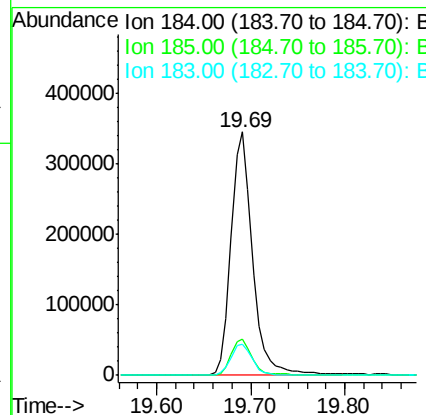
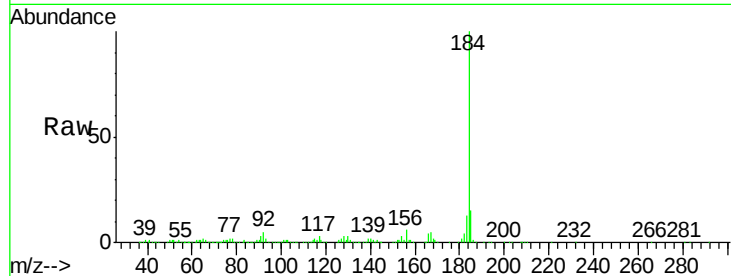
ClientSampleId :

MAP-5-E(15-16)MSD

Tgt Ion:	184	Resp:	551129
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.1	16.7
183	12.7	10.6	16.0

Manual Integrations
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#77

Pyrene

Concen: 37.240 ng

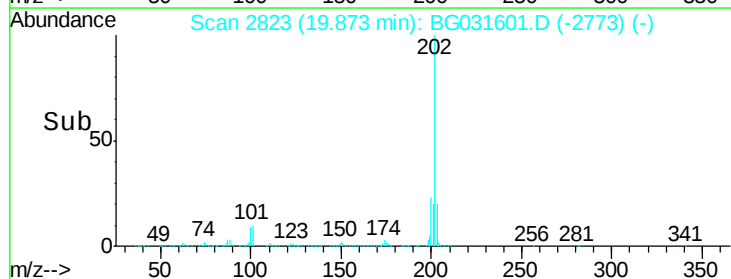
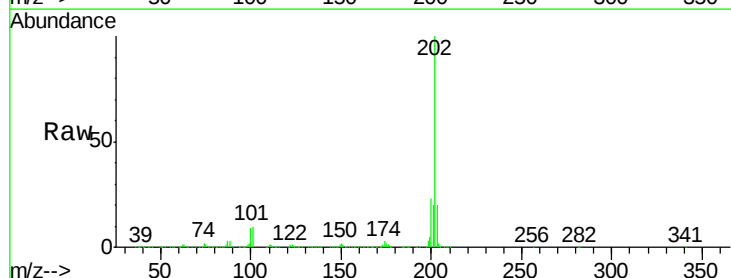
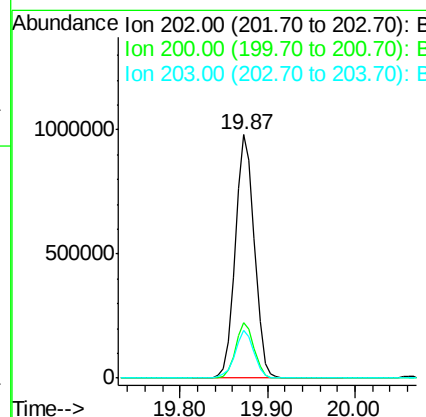
RT: 19.87 min Scan# 2823

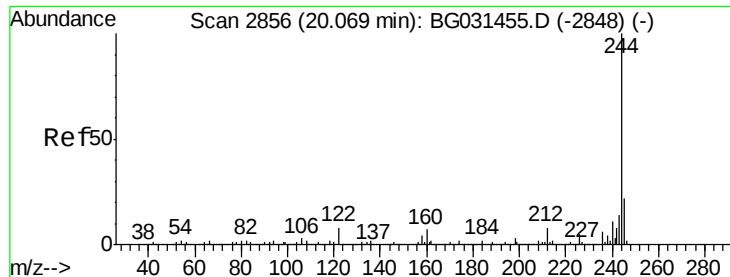
Delta R.T. -0.01 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Tgt Ion:	202	Resp:	1450529
Ion Ratio	Lower	Upper	
202	100		
200	22.7	16.9	25.3
203	19.6	13.9	20.9





#78

Terphenyl-d14

Concen: 73.993 ng

RT: 20.06 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

Instrument :

BNA_G

ClientSampleId :

MAP-5-E(15-16)MSD

Tgt Ion:244 Resp: 2038664

Ion Ratio Lower Upper

244 100

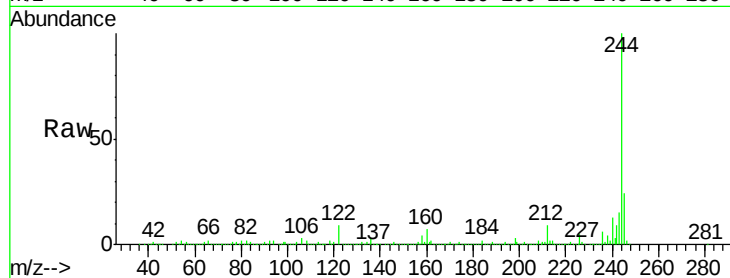
212 8.9 5.8 8.8#

122 8.6 7.0 10.4

Manual Integrations
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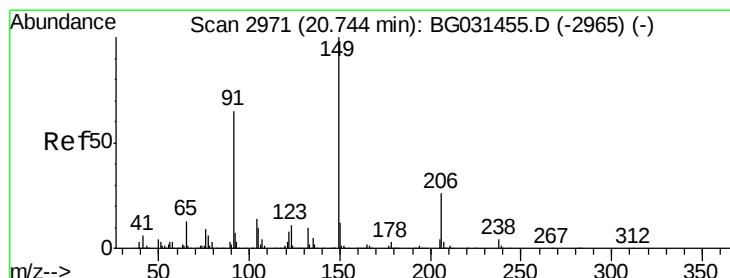
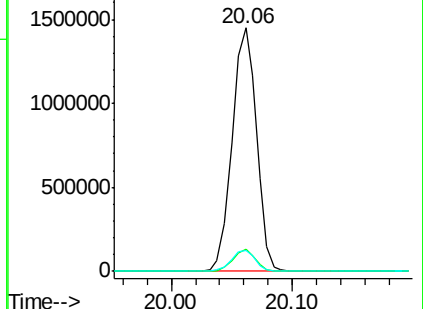
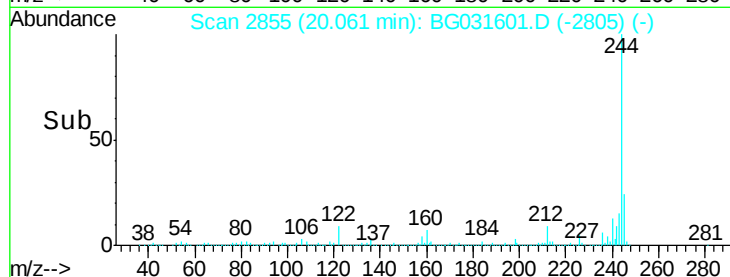
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 40.638 ng

RT: 20.74 min Scan# 2970

Delta R.T. -0.01 min

Lab File: BG031601.D

Acq: 15 Dec 2017 23:21

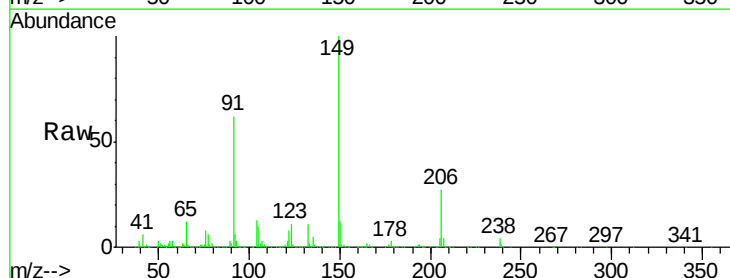
Tgt Ion:149 Resp: 555286

Ion Ratio Lower Upper

149 100

91 62.2 62.2 93.2

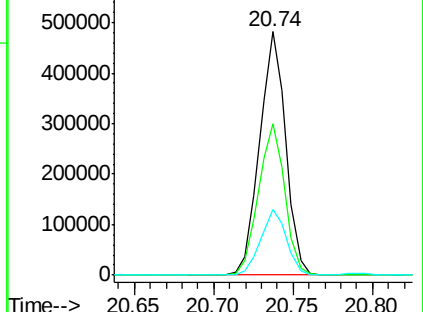
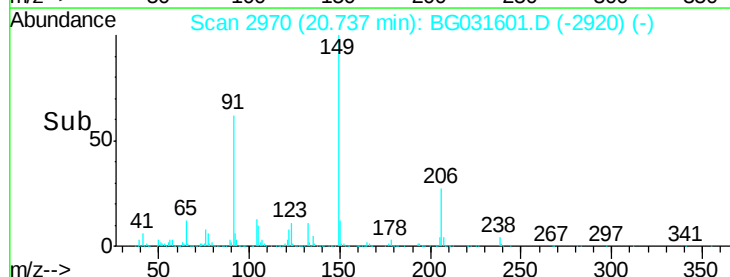
206 27.2 18.6 27.8

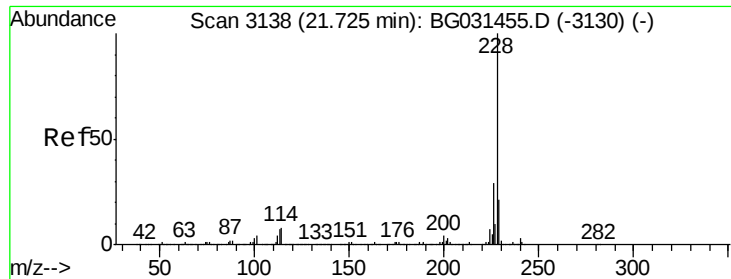


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





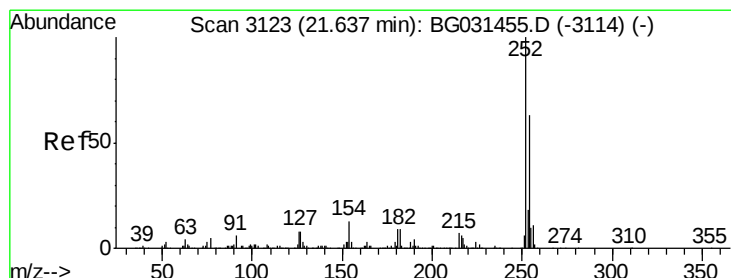
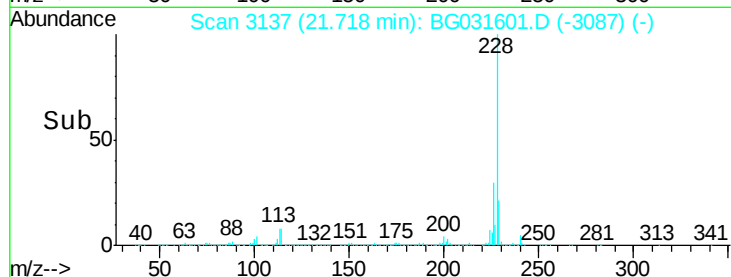
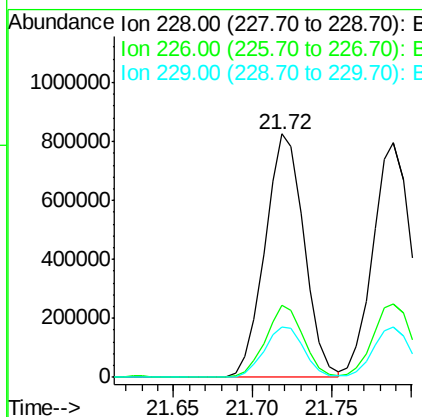
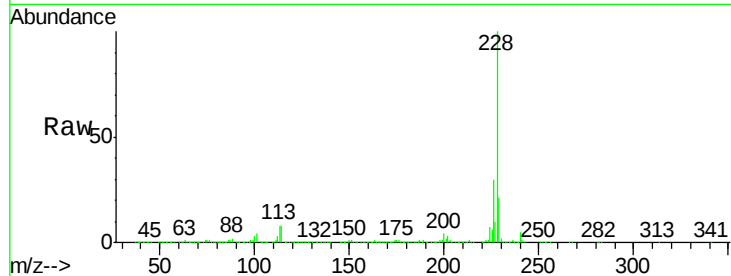
#80
Benzo(a)anthracene
Concen: 37.386 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)MSD

Tgt Ion: 228 Resp: 1414559
Ion Ratio Lower Upper
228 100
226 29.7 22.7 34.1
229 20.9 16.2 24.2

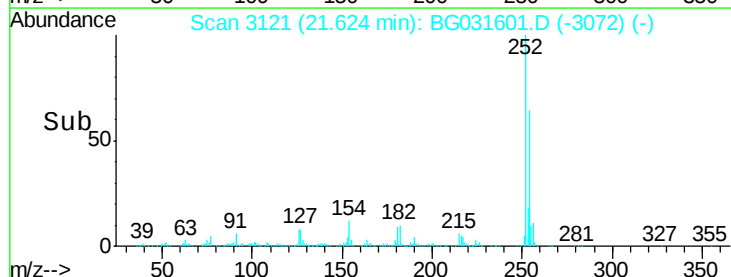
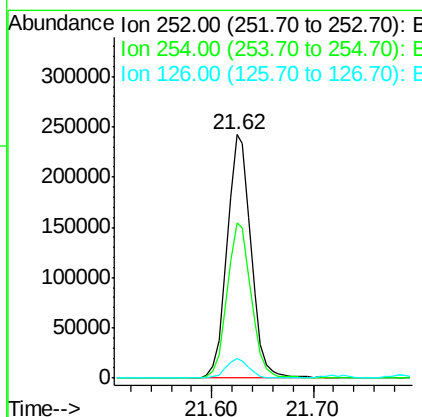
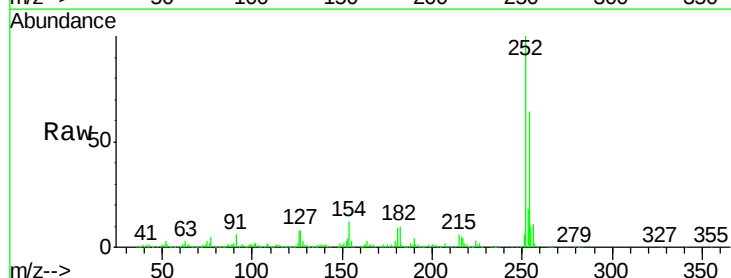
Manual Integrations
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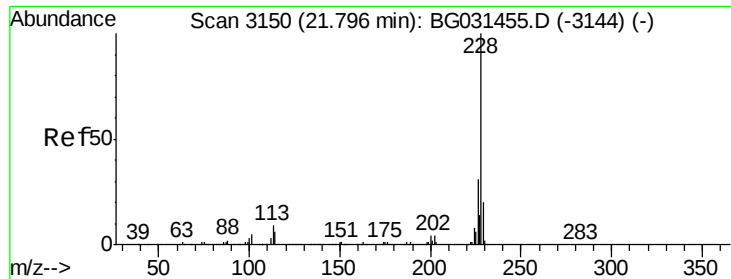
Sohil
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#81
3,3'-Dichlorobenzidine
Concen: 30.037 ng
RT: 21.62 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Tgt Ion: 252 Resp: 395537
Ion Ratio Lower Upper
252 100
254 64.0 50.8 76.2
126 7.9 7.4 11.2





#82
Chrysene
 Concen: 36.840 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG031601.D
 Acq: 15 Dec 2017 23:21

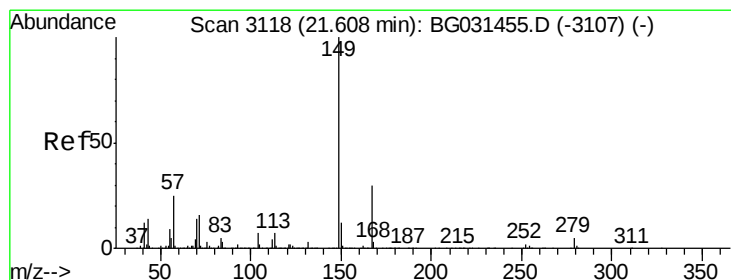
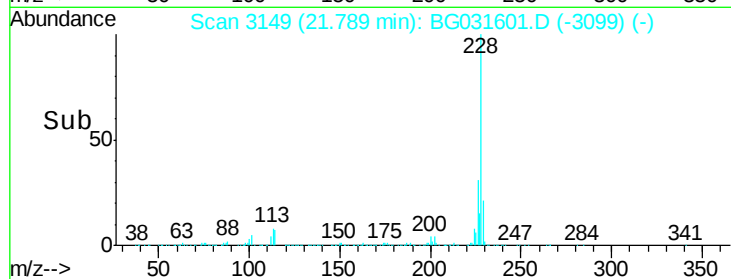
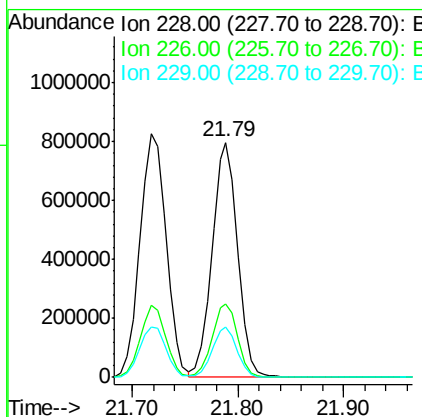
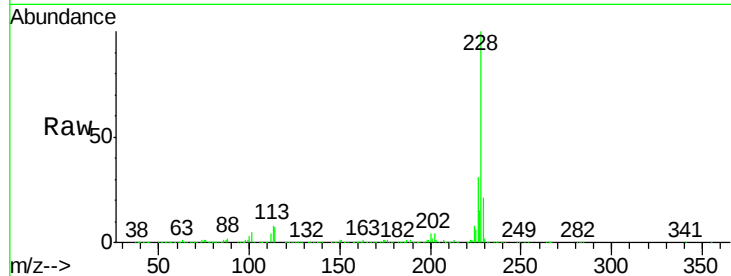
Instrument :
 BNA_G
 ClientSampleId :
 MAP-5-E(15-16)MSD

Tgt Ion: 228 Resp: 1336263

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	21.4	15.0	22.4

Manual Integrations
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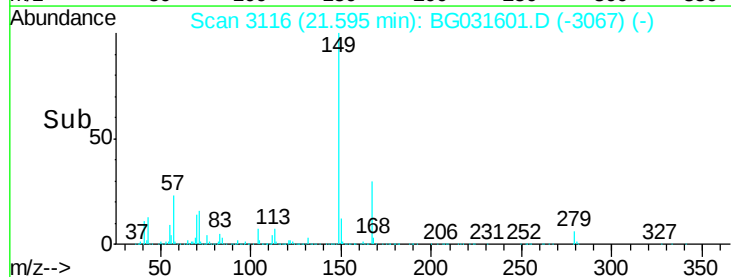
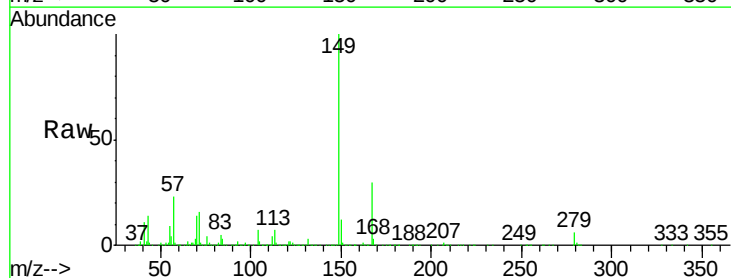
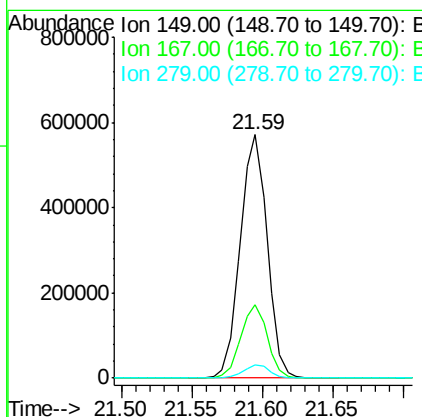
Sohil
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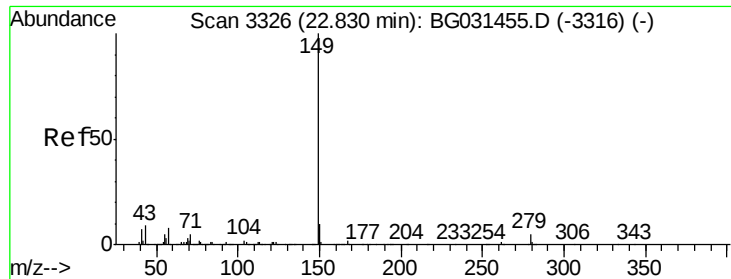


#83
Bis(2-ethylhexyl)phthalate
 Concen: 38.875 ng
 RT: 21.59 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG031601.D
 Acq: 15 Dec 2017 23:21

Tgt Ion: 149 Resp: 764231

Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.3	36.5
279	5.6	4.0	6.0





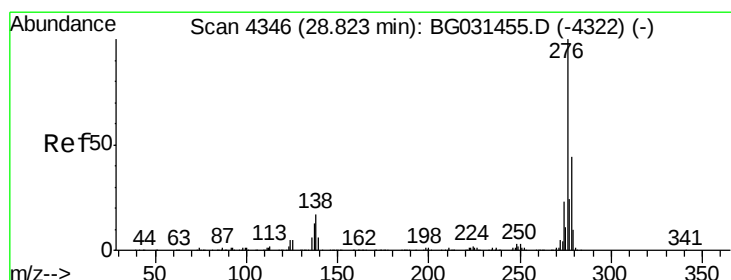
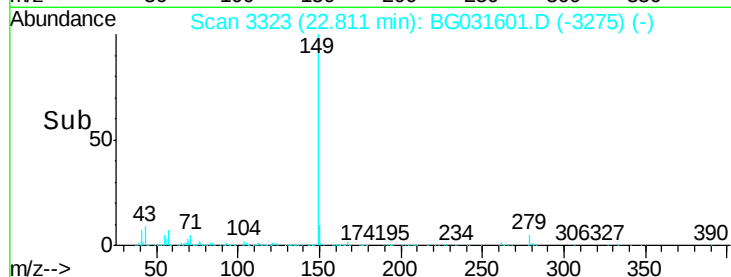
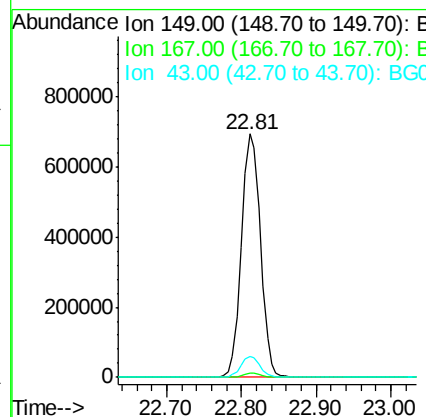
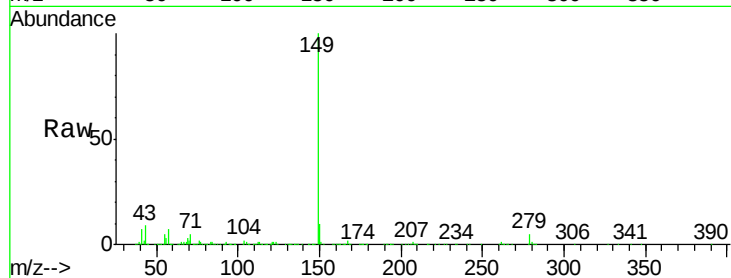
#84
Di-n-octyl phthalate
Concen: 37.939 ng
RT: 22.81 min Scan# 3323
Delta R.T. -0.02 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.3	8.9	13.3

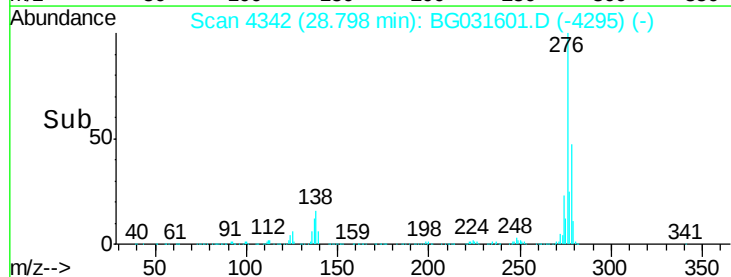
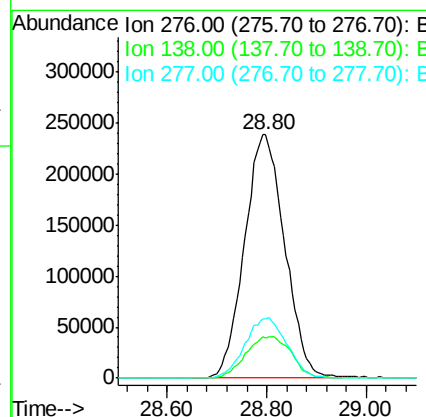
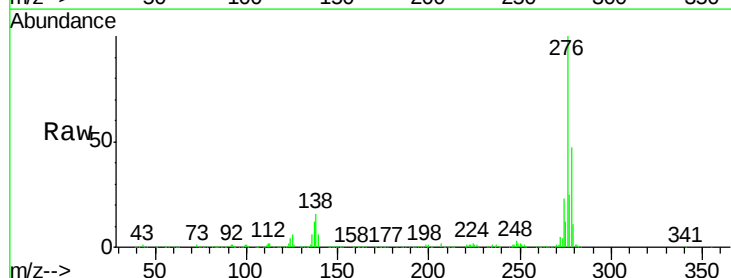
Manual Integrations
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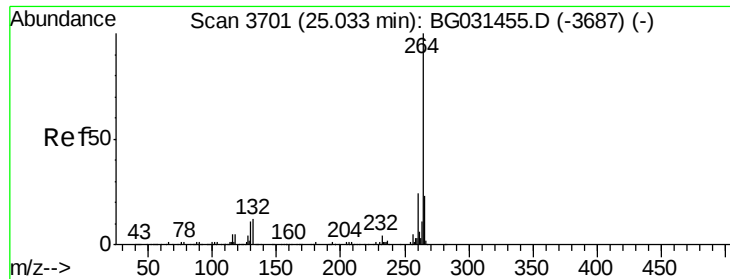
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 34.510 ng
RT: 28.80 min Scan# 4342
Delta R.T. -0.02 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.0	24.0
277	25.6	20.0	30.0





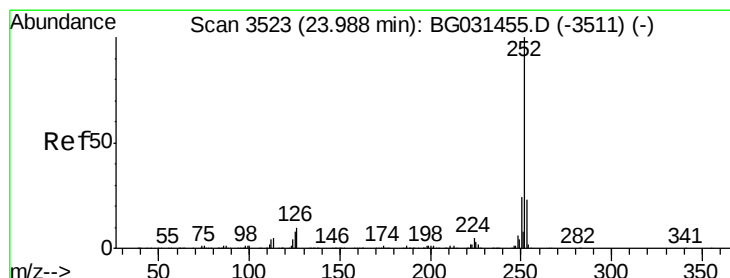
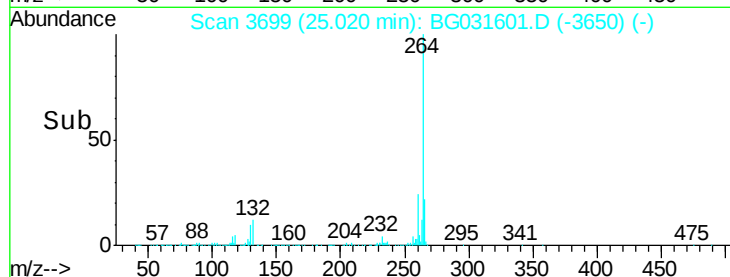
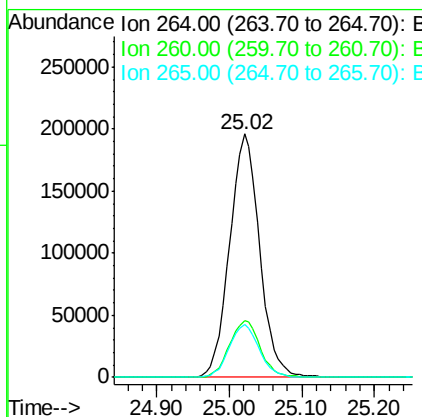
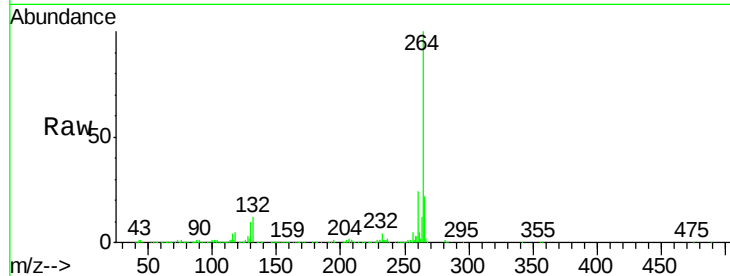
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.7	17.7	26.5

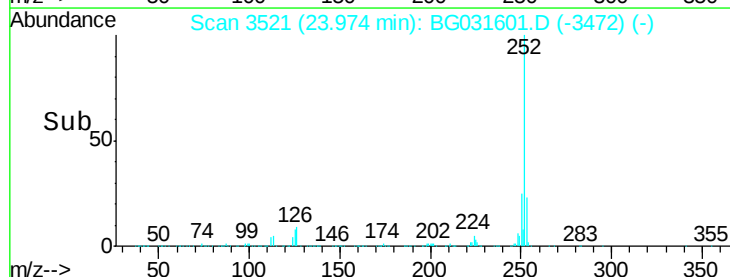
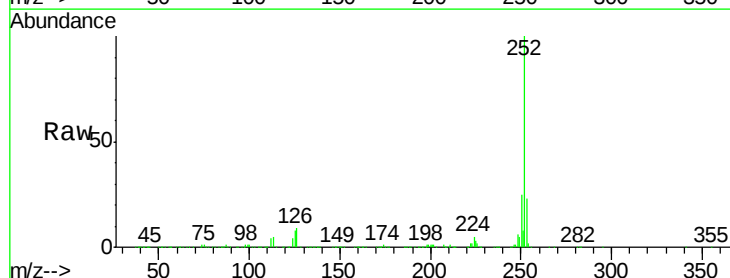
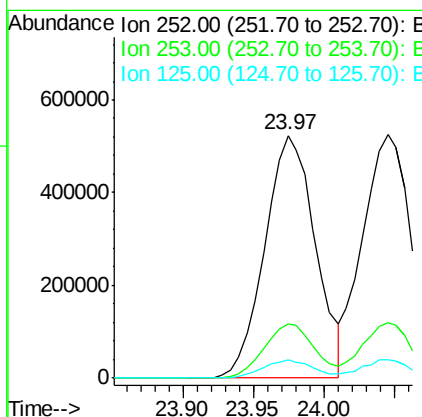
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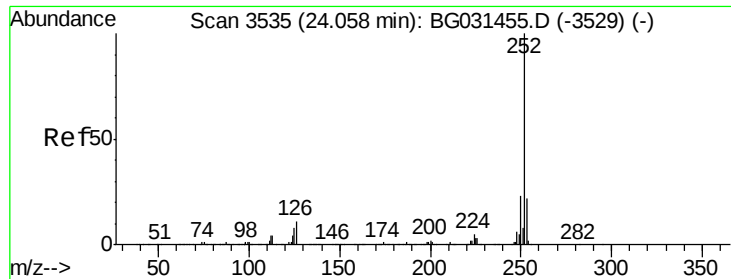
Sohil
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#87
Benzo(b)fluoranthene
Concen: 38.864 ng
RT: 23.97 min Scan# 3521
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	7.7	7.2	10.8





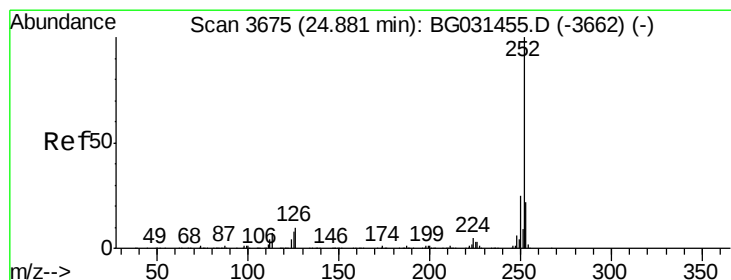
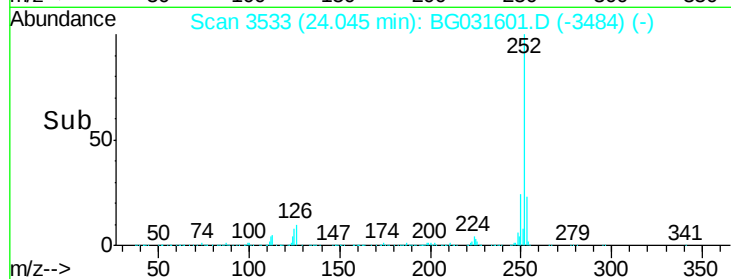
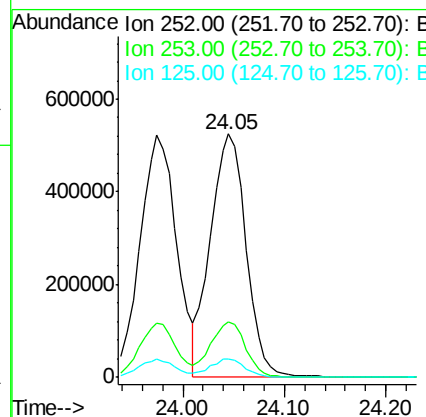
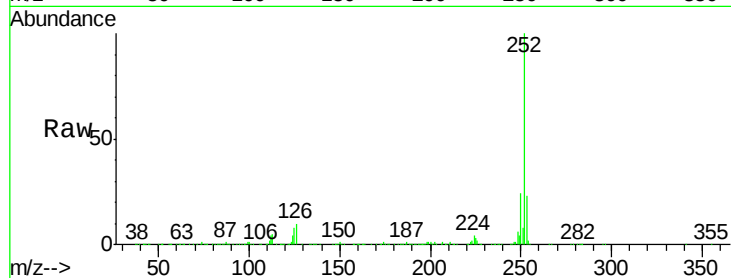
#88
Benzo(k)fluoranthene
Concen: 37.107 ng
RT: 24.05 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)MSD

Tgt Ion:252 Resp: 1273792
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 7.5 6.6 9.8

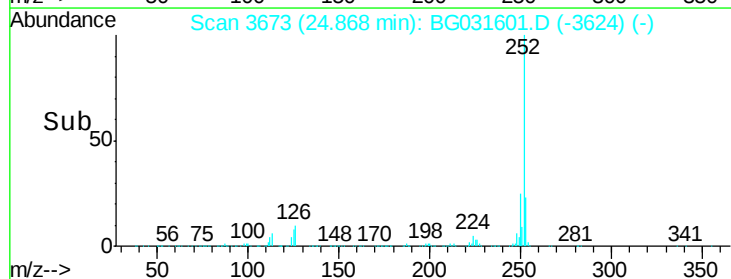
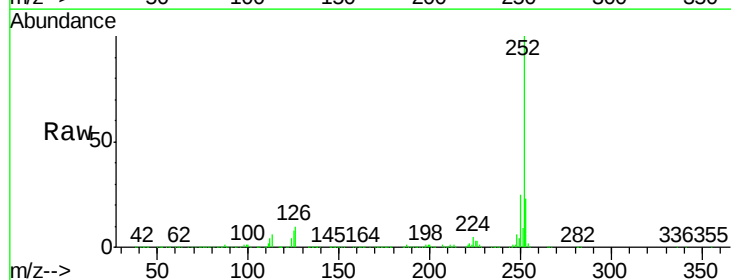
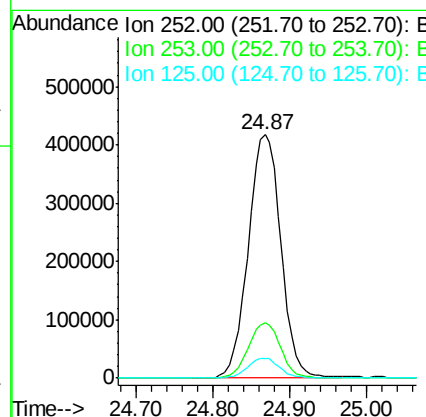
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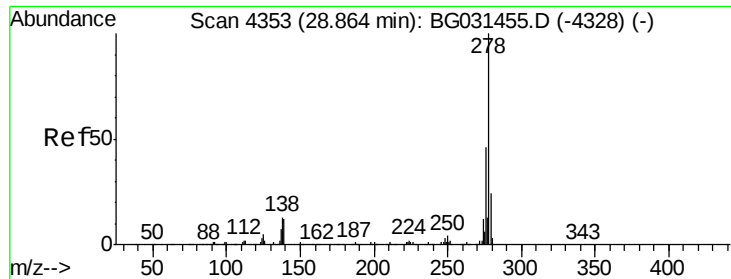
Sohil
12/18/2017 5:07:50 PM



#89
Benzo(a)pyrene
Concen: 38.871 ng
RT: 24.87 min Scan# 3673
Delta R.T. -0.01 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Tgt Ion:252 Resp: 1240342
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 8.2 7.3 10.9





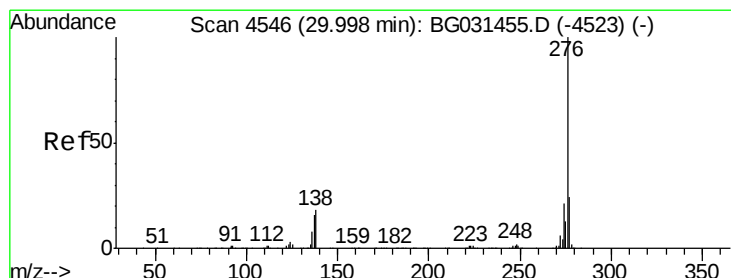
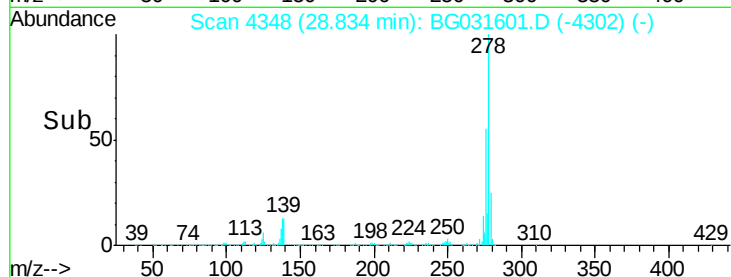
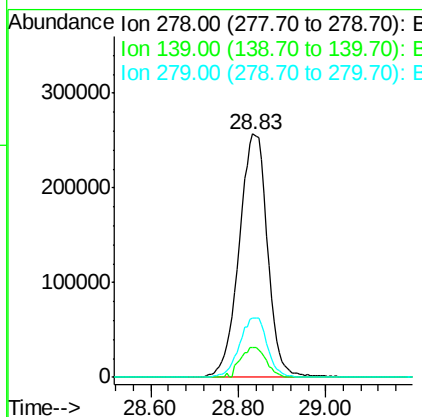
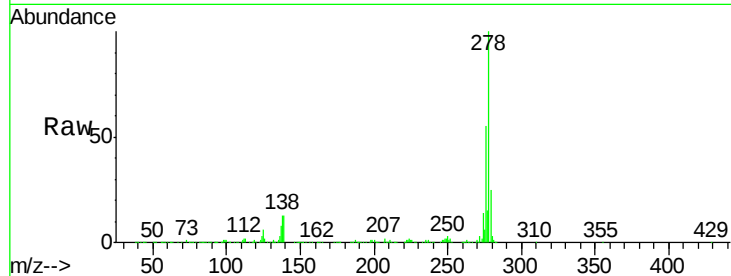
#90
Dibenzo(a,h)anthracene
Concen: 36.709 ng
RT: 28.83 min Scan# 4348
Delta R.T. -0.03 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Instrument :
BNA_G
ClientSampleId :
MAP-5-E(15-16)MSD

Tgt Ion:278 Resp: 1120127
Ion Ratio Lower Upper
278 100
139 12.5 9.8 14.6
279 24.5 18.4 27.6

Manual Integrations
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12/18/2017 5:07:50 PM



#91
Benzo(g,h,i)perylene
Concen: 39.468 ng
RT: 29.97 min Scan# 4541
Delta R.T. -0.03 min
Lab File: BG031601.D
Acq: 15 Dec 2017 23:21

Tgt Ion:276 Resp: 1183988
Ion Ratio Lower Upper
276 100
277 23.2 18.3 27.5
138 16.6 13.9 20.9

