

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
 Data File : BG031606.D
 Acq On : 16 Dec 2017 2:28
 Operator : SJ/JU
 Sample : I6884-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-20171211MSD

Manual Integrations
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Sohil
 12/18/2017 2:06:27 PM

Quant Time: Dec 16 04:31:47 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	8.10	152	72125	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	329183	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	231490	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	600963	20.00	ng	0.00
75) Chrysene-d12	21.74	240	605197	20.00	ng	0.00
86) Perylene-d12	25.02	264	541711	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	267482	65.74	ng	0.00
7) Phenol-d6	7.27	99	217169	38.45	ng	0.00
23) Nitrobenzene-d5	9.27	82	496045	92.88	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	421893	155.57	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1419415	90.00	ng	0.00
78) Terphenyl-d14	20.06	244	2333318	87.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	25840	13.309	ng	# 82
3) Pyridine	3.91	79	46989	9.192	ng	87
4) n-Nitrosodimethylamine	3.83	42	36439	15.134	ng	# 89
6) Aniline	7.42	93	131757	17.711	ng	91
8) 2-Chlorophenol	7.67	128	183268	40.378	ng	87
9) Benzaldehyde	7.23	77	145370	44.398	ng	87
10) Phenol	7.29	94	79736	13.741	ng	92
11) bis(2-Chloroethyl)ether	7.51	93	204524	43.183	ng	89
12) 1,3-Dichlorobenzene	7.98	146	233669	43.292	ng	97
13) 1,4-Dichlorobenzene	8.13	146	239274	42.654	ng	94
14) 1,2-Dichlorobenzene	8.45	146	232258	43.464	ng	97
15) Benzyl Alcohol	8.34	79	108251	24.498	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	303224	56.988	ng	91
17) 2-Methylphenol	8.55	107	127761	32.299	ng	93
18) Hexachloroethane	9.18	117	82184	43.462	ng	94
19) n-Nitroso-di-n-propylamine	8.90	70	169784	38.187	ng	# 95
20) 3+4-Methylphenols	8.88	107	157801	26.779	ng	93
22) Acetophenone	8.92	105	353598	44.776	ng	# 91
24) Nitrobenzene	9.31	77	250184	45.715	ng	89
25) Isophorone	9.83	82	485162	48.069	ng	# 91
26) 2-Nitrophenol	10.02	139	137915	50.964	ng	90
27) 2,4-Dimethylphenol	10.08	122	193324	47.027	ng	95
28) bis(2-Chloroethoxy)methane	10.31	93	304472	46.726	ng	95
29) 2,4-Dichlorophenol	10.57	162	246957	50.989	ng	92
30) 1,2,4-Trichlorobenzene	10.78	180	281217	45.455	ng	97
31) Naphthalene	10.96	128	702352	43.431	ng	98
32) Benzoic acid	10.24	122	12455	12.556	ng	# 67
33) 4-Chloroaniline	11.08	127	124468	17.726	ng	93
34) Hexachlorobutadiene	11.24	225	174038	42.410	ng	96
35) Caprolactam	11.86	113	12190m	6.410	ng	
36) 4-Chloro-3-methylphenol	12.20	107	236700	42.814	ng	86
37) 2-Methylnaphthalene	12.56	142	578221	46.179	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	381895	42.211	ng	98
40) Hexachlorocyclopentadiene	12.90	237	190197	66.741	ng	91

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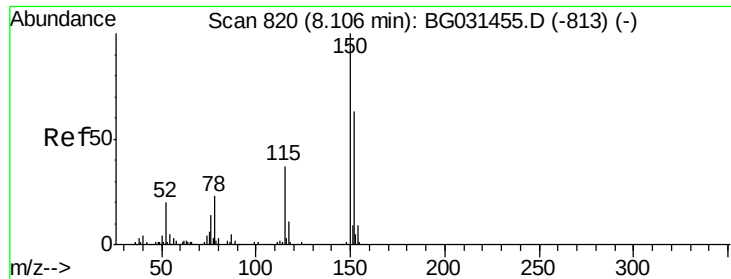
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	233316	50.476	ng	98
43) 2,4,5-Trichlorophenol	13.26	196	251932	50.597	ng	# 91
45) 1,1'-Biphenyl	13.55	154	821044	43.183	ng	98
46) 2-Chloronaphthalene	13.61	162	631650	45.390	ng	96
47) 2-Nitroaniline	13.81	65	182037	46.552	ng	# 79
48) Acenaphthylene	14.45	152	963692	43.038	ng	97
49) Dimethylphthalate	14.18	163	894108	46.653	ng	100
50) 2,6-Dinitrotoluene	14.30	165	204164	49.839	ng	# 76
51) Acenaphthene	14.79	154	613071	43.300	ng	99
52) 3-Nitroaniline	14.64	138	100002	23.948	ng	# 78
53) 2,4-Dinitrophenol	14.86	184	171959	98.262	ng	# 48
54) Dibenzofuran	15.12	168	1010661	44.732	ng	100
55) 4-Nitrophenol	14.97	139	86249	32.756	ng	# 71
56) 2,4-Dinitrotoluene	15.09	165	300958	51.726	ng	# 72
57) Fluorene	15.77	166	819587	45.273	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.35	232	253550	54.175	ng	# 87
59) Diethylphthalate	15.52	149	881304	45.877	ng	97
60) 4-Chlorophenyl-phenylether	15.75	204	491617	44.386	ng	93
61) 4-Nitroaniline	15.80	138	191564	43.714	ng	88
62) Azobenzene	16.05	77	682573	42.893	ng	94
64) 4,6-Dinitro-2-methylphenol	15.86	198	148318	41.514	ng	78
65) n-Nitrosodiphenylamine	15.97	169	771605	43.865	ng	99
66) 4-Bromophenyl-phenylether	16.65	248	335155	47.960	ng	98
67) Hexachlorobenzene	16.78	284	341879	47.377	ng	94
68) Atrazine	16.92	200	334143	51.951	ng	98
69) Pentachlorophenol	17.13	266	254436	73.823	ng	98
70) Phenanthrene	17.51	178	1396065	44.481	ng	97
71) Anthracene	17.60	178	1430552	46.086	ng	98
72) Carbazole	17.87	167	1325136	47.173	ng	98
73) Di-n-butylphthalate	18.41	149	1510774	46.572	ng	99
74) Fluoranthene	19.51	202	1780547	45.331	ng	97
76) Benzidine	19.69	184	436319	30.980	ng	97
77) Pyrene	19.88	202	1808829	48.101	ng	95
79) Butylbenzylphthalate	20.73	149	696308	52.782	ng	86
80) Benzo(a)anthracene	21.72	228	1718169	47.036	ng	97
81) 3,3'-Dichlorobenzidine	21.63	252	459885	36.173	ng	99
82) Chrysene	21.79	228	1643126m	46.921	ng	
83) Bis(2-ethylhexyl)phthalate	21.59	149	946972	49.895	ng	99
84) Di-n-octyl phthalate	22.81	149	1511593	48.283	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.80	276	1634332	43.670	ng	98
87) Benzo(b)fluoranthene	23.98	252	1580089	48.789	ng	99
88) Benzo(k)fluoranthene	24.04	252	1590635	48.127	ng	97
89) Benzo(a)pyrene	24.87	252	1480658	48.195	ng	99
90) Dibenzo(a,h)anthracene	28.83	278	1377037	46.871	ng	97
91) Benzo(g,h,i)perylene	29.98	276	1364539	47.243	ng	97

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



#1

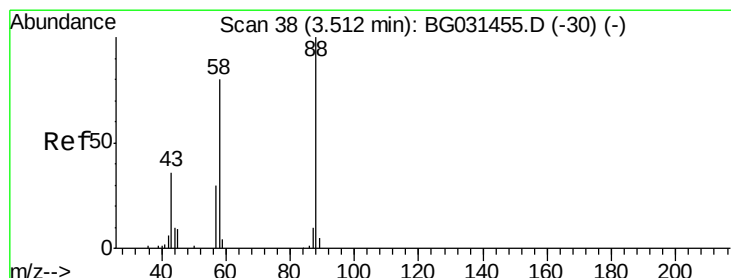
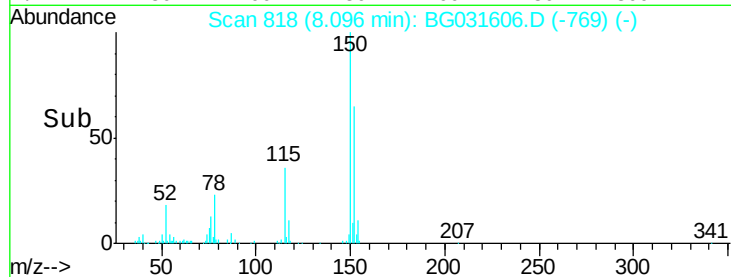
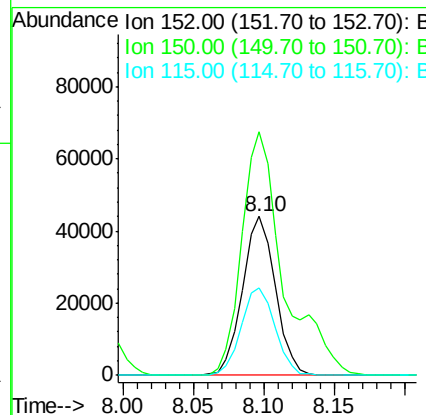
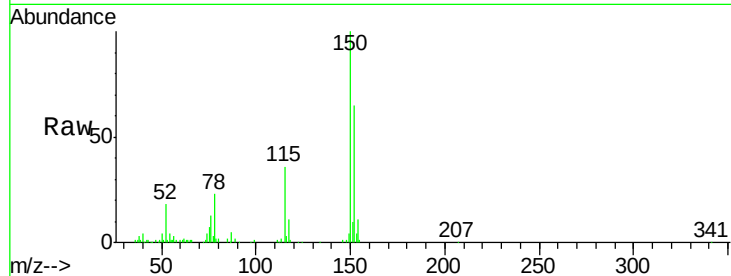
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Instrument :
BNA_G
ClientSampleId :
MW-1-20171211MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.6	189.8
115	55.2	53.0	79.4

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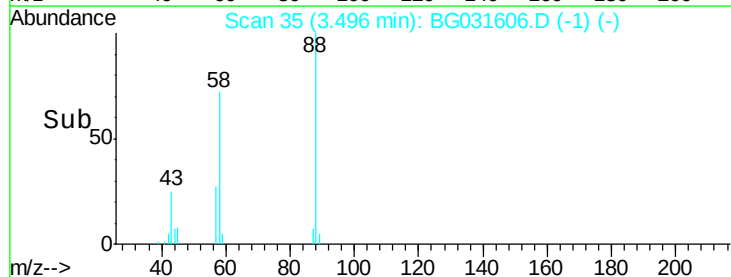
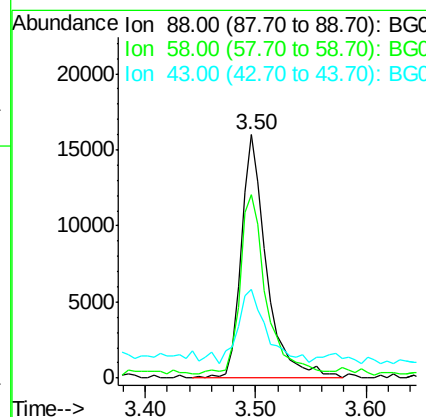
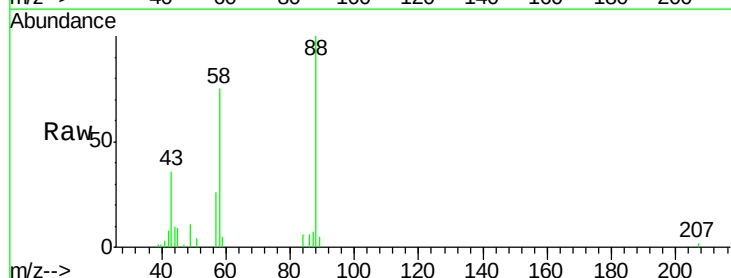
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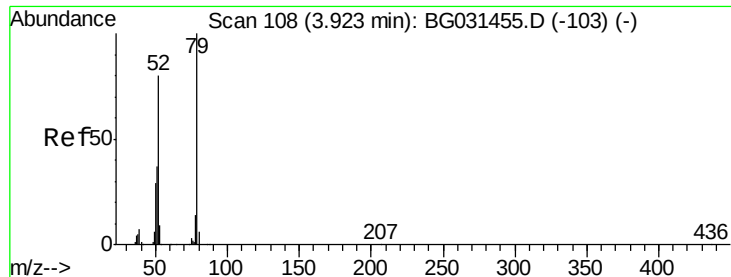


#2

1,4-Dioxane
Concen: 13.309 ng
RT: 3.50 min Scan# 35
Delta R.T. -0.02 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.9	79.6	119.4#
43	34.6	27.4	41.0





#3

Pyridine

Concen: 9.192 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.02 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Instrument :

BNA_G

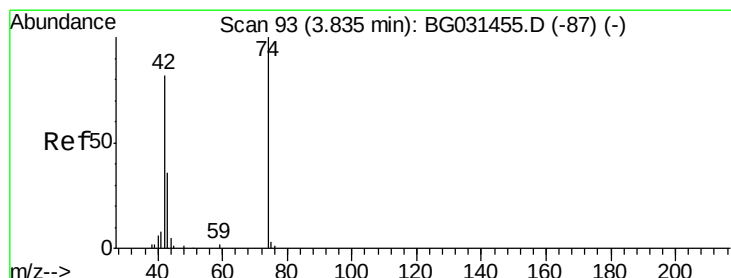
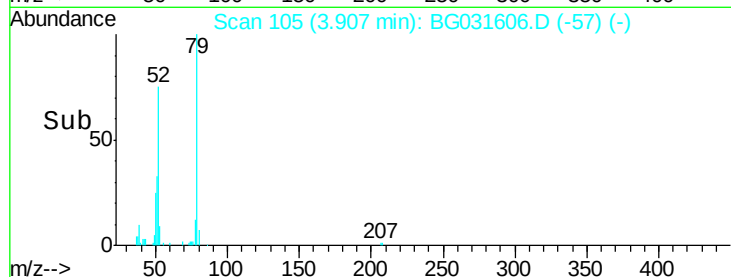
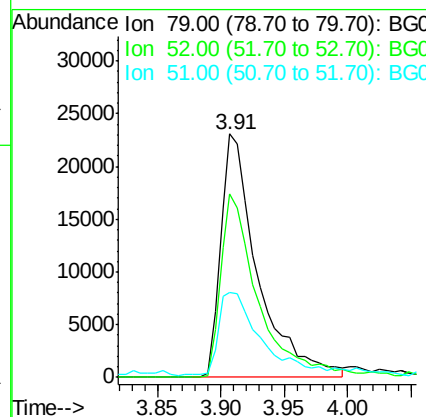
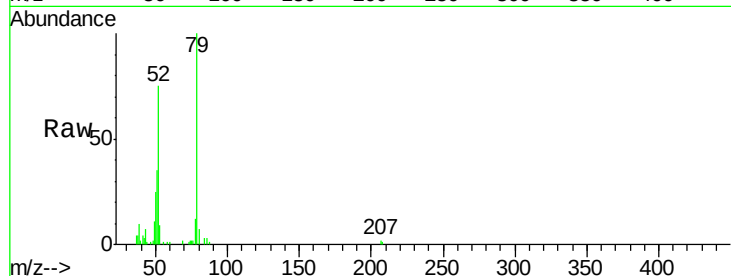
ClientSampleId :

MW-1-20171211MSD

Tgt Ion:	79	Resp:	46989
Ion Ratio	Lower	Upper	
79	100		
52	75.4	69.9	104.9
51	34.8	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 15.134 ng

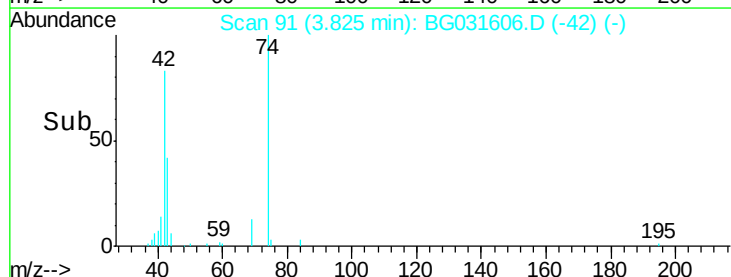
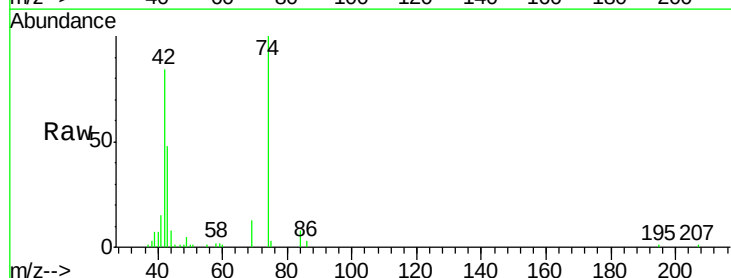
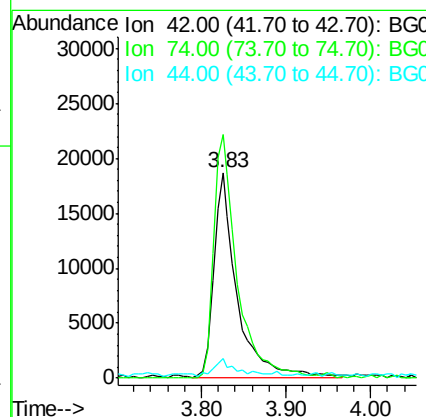
RT: 3.83 min Scan# 91

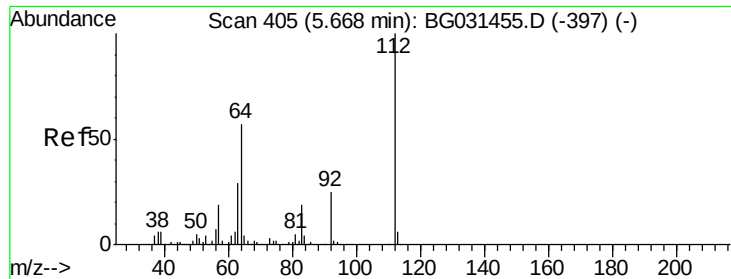
Delta R.T. -0.01 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Tgt Ion:	42	Resp:	36439
Ion Ratio	Lower	Upper	
42	100		
74	118.4	102.5	153.7
44	9.8	18.9	28.3





#5

2-Fluorophenol

Concen: 65.735 ng

RT: 5.66 min Scan# 403

Delta R.T. -0.01 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Instrument :

BNA_G

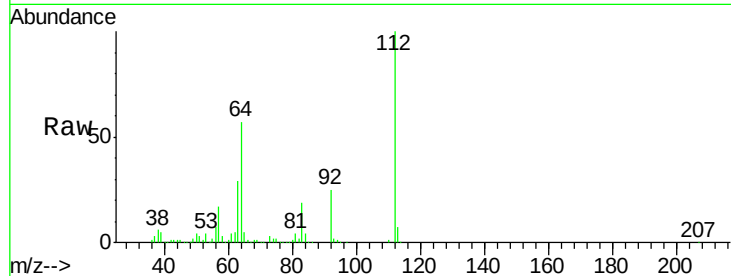
ClientSampled :

MW-1-20171211MSD

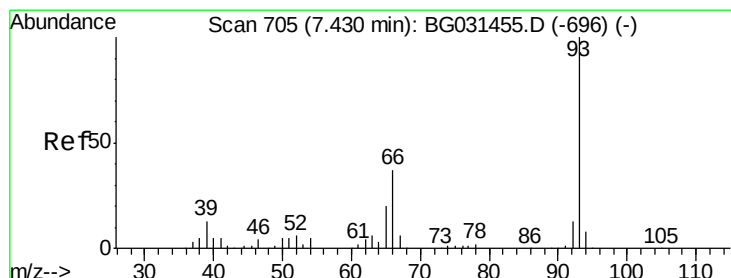
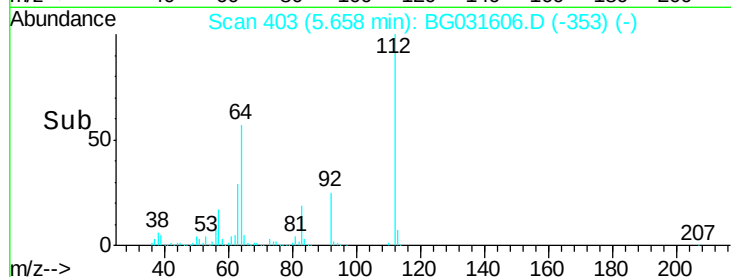
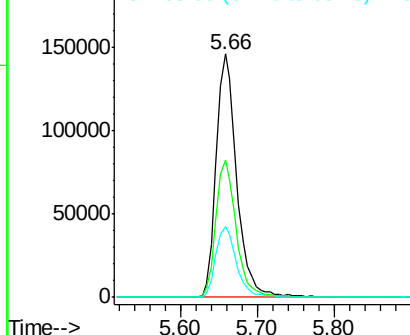
Tgt Ion:	112	Resp:	267482
Ion Ratio	Lower	Upper	
112	100		
64	56.6	56.3	84.5
63	29.3	30.1	45.1#

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.711 ng

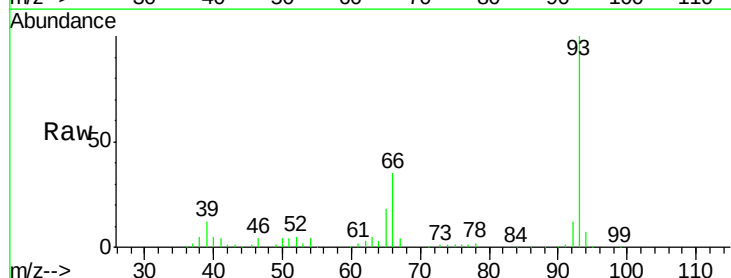
RT: 7.42 min Scan# 703

Delta R.T. -0.01 min

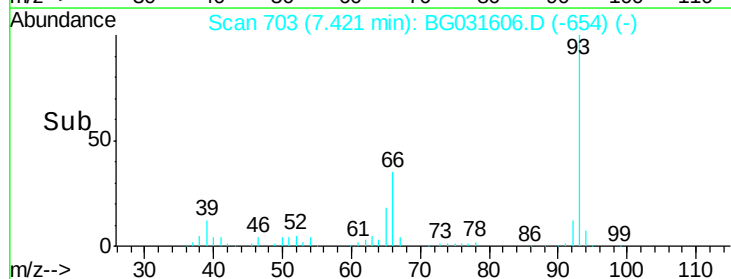
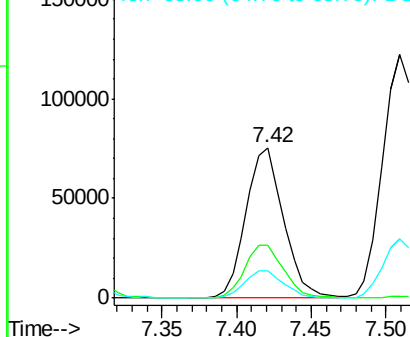
Lab File: BG031606.D

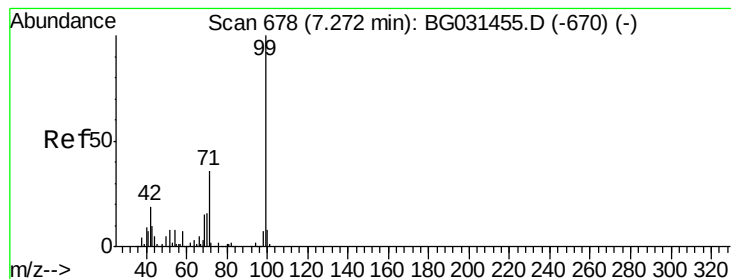
Acq: 16 Dec 2017 2:28

Tgt Ion:	93	Resp:	131757
Ion Ratio	Lower	Upper	
93	100		
66	35.4	33.7	50.5
65	18.1	16.1	24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 38.445 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Instrument :

BNA_G

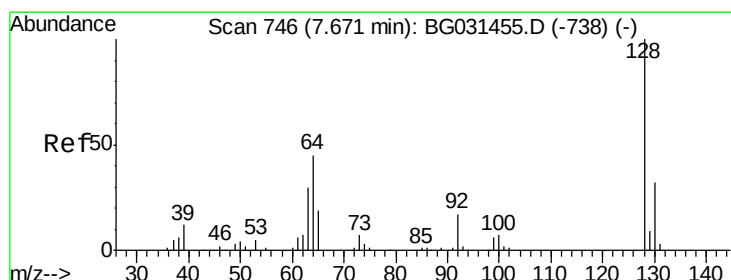
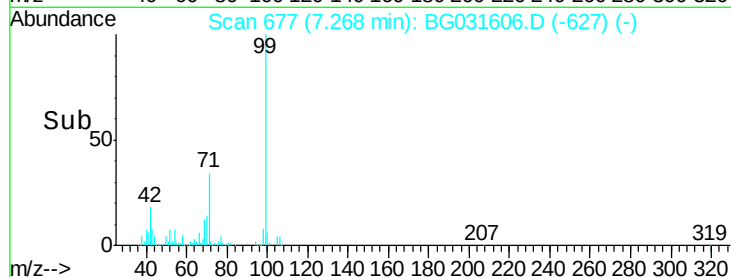
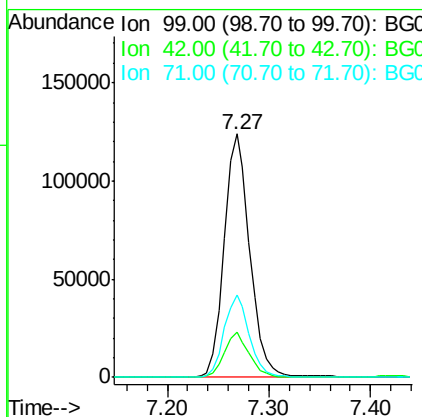
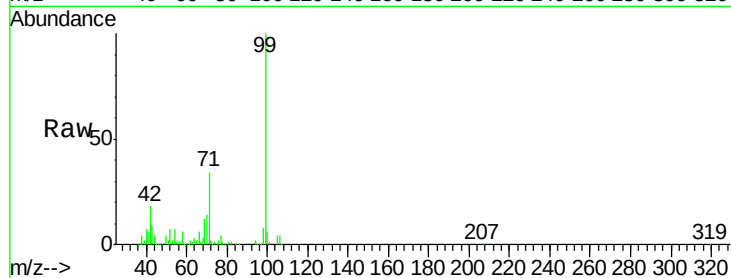
ClientSampleId :

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Tgt	Ion	Resp	Lower	Upper
99	100	217169		
42	18.4	14.1	21.1	
71	33.6	26.1	39.1	

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#8

2-Chlorophenol

Concen: 40.378 ng

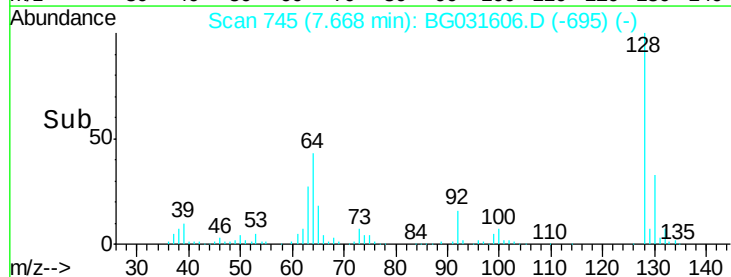
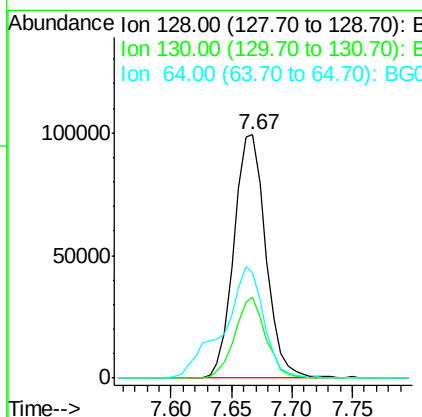
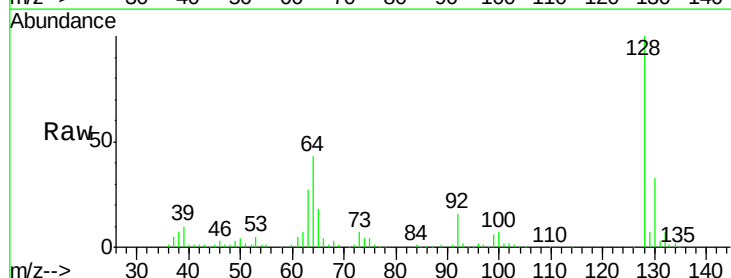
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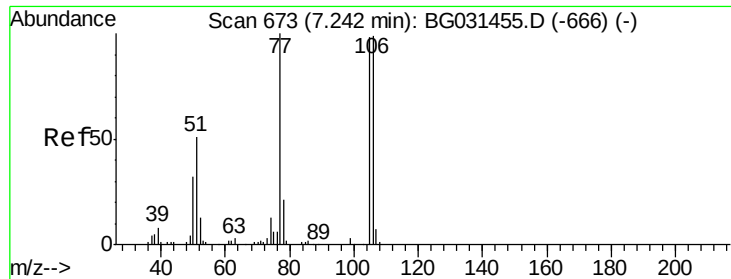
Delta R.T. -0.00 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Tgt	Ion	Resp	Lower	Upper
128	100	183268		
130	33.4	14.0	54.0	
64	43.4	37.7	77.7	





#9

Benzaldehyde

Concen: 44.398 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG031606.D

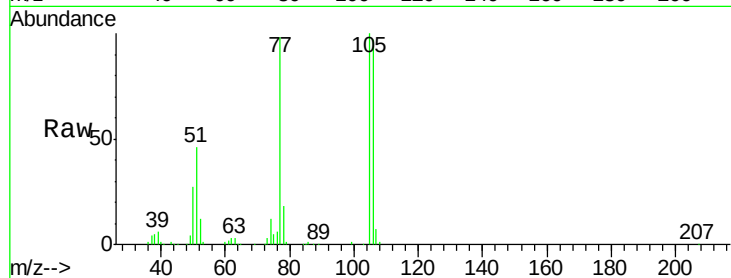
Acq: 16 Dec 2017 2:28

Instrument :

BNA_G

ClientSampleId :

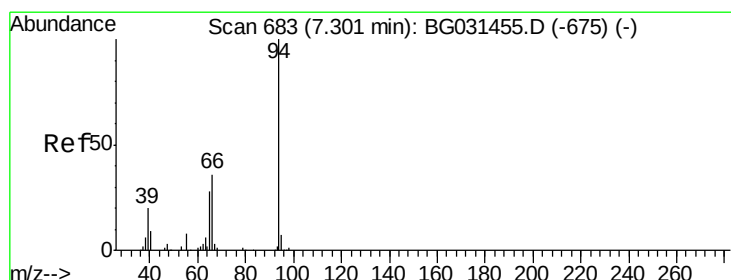
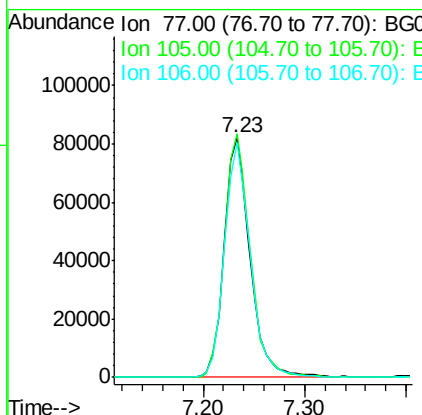
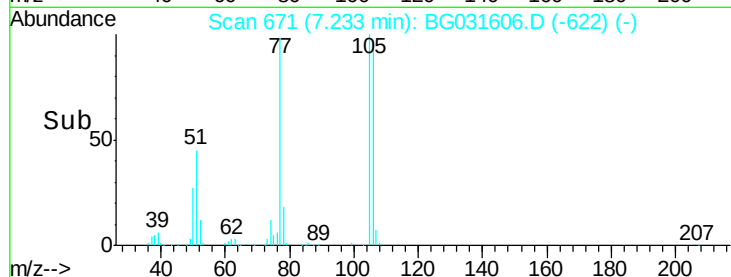
MW-1-20171211MSD



Tgt Ion:	77	Resp:	145370
Ion	Ratio	Lower	Upper
77	100		
105	101.7	71.3	111.3
106	98.2	64.2	104.2

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#10

Phenol

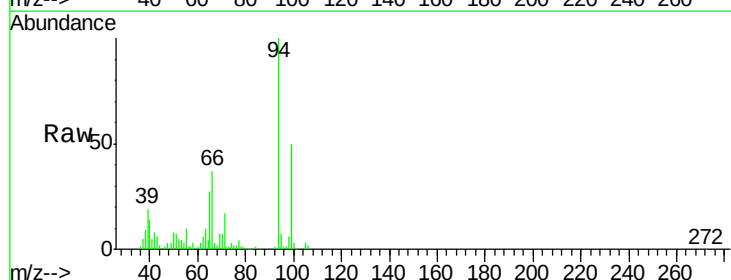
Concen: 13.741 ng

RT: 7.29 min Scan# 681

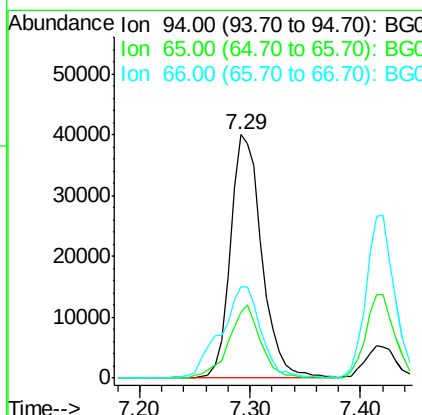
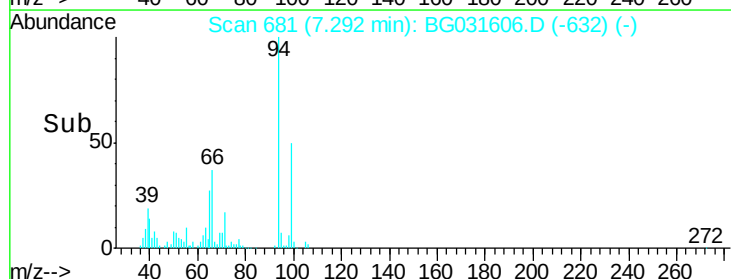
Delta R.T. -0.01 min

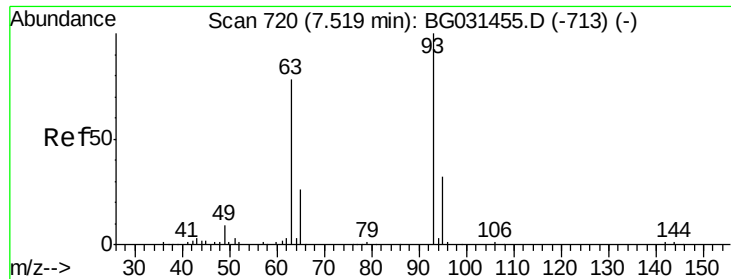
Lab File: BG031606.D

Acq: 16 Dec 2017 2:28



Tgt Ion:	94	Resp:	79736
Ion	Ratio	Lower	Upper
94	100		
65	27.1	11.9	51.9
66	37.3	22.2	62.2





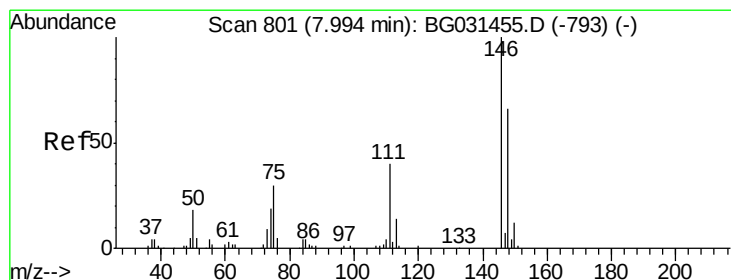
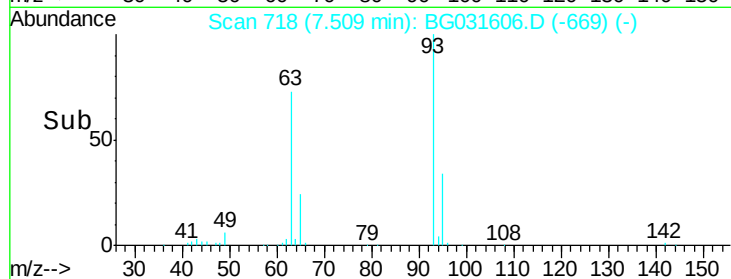
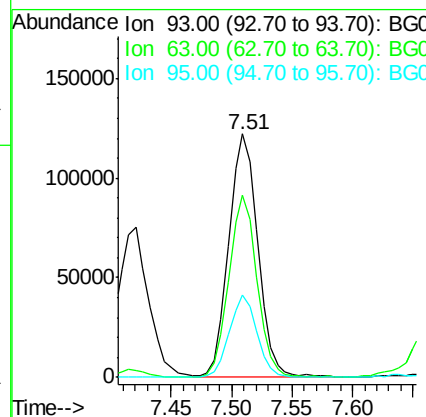
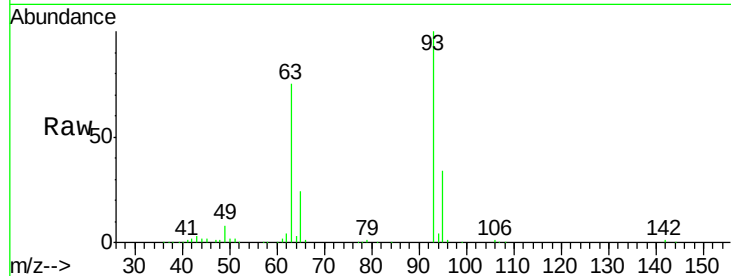
#11
bis(2-Chloroethyl)ether
Concen: 43.183 ng
RT: 7.51 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Instrument :
BNA_G
ClientSampleId :
MW-1-20171211MSD

Tgt Ion:	93	Resp:	204524
Ion Ratio	Lower	Upper	
93	100		
63	75.0	67.1	107.1
95	33.7	11.5	51.5

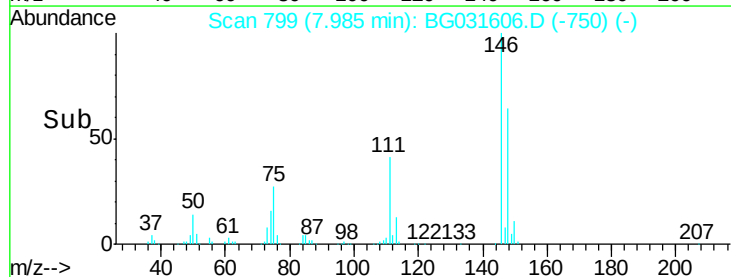
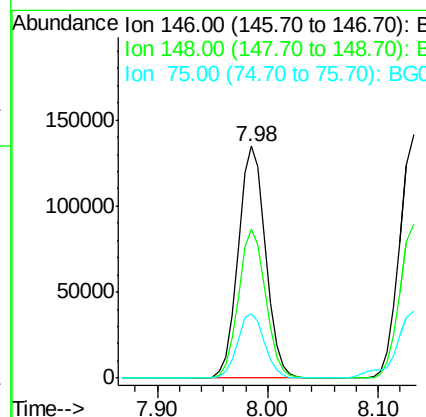
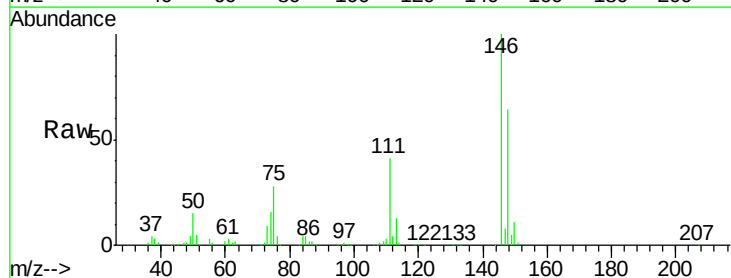
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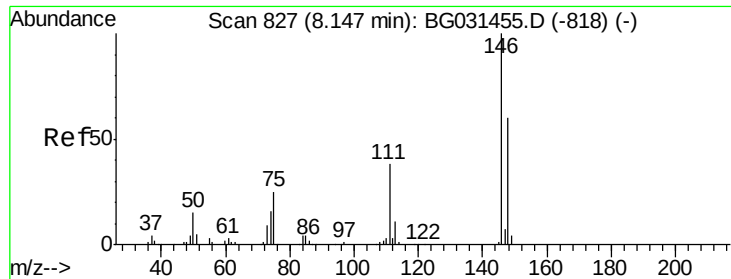
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#12
1,3-Dichlorobenzene
Concen: 43.292 ng
RT: 7.98 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Tgt Ion:	146	Resp:	233669
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.4	77.2
75	27.6	26.6	39.8





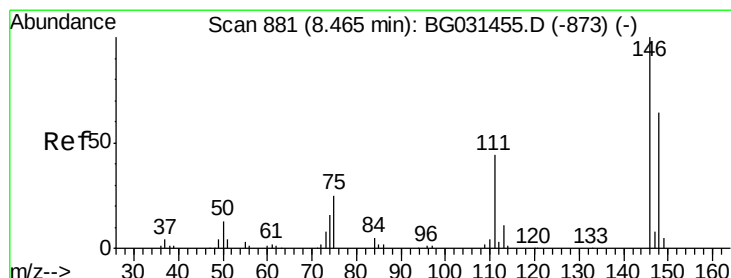
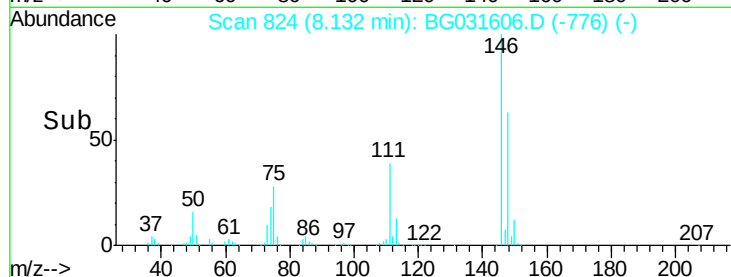
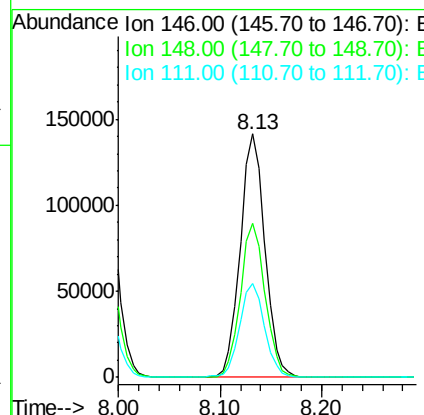
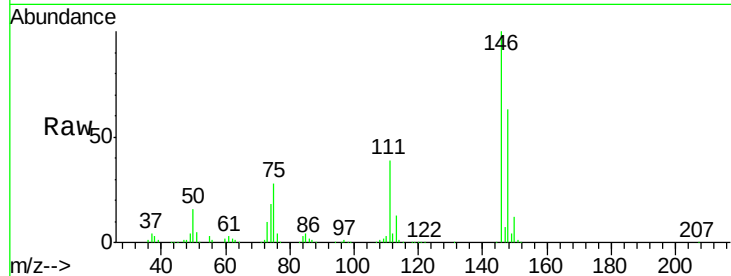
#13
 1,4-Dichlorobenzene
 Concen: 42.654 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-20171211MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	53.7	80.5
111	38.8	35.2	52.8

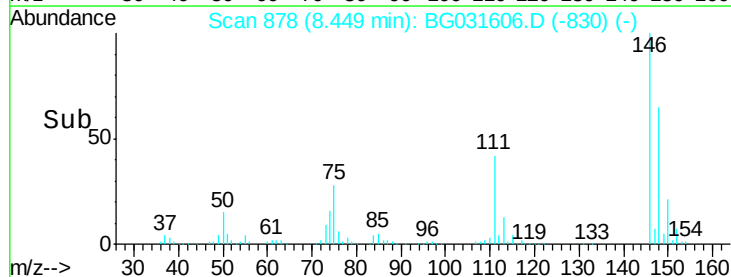
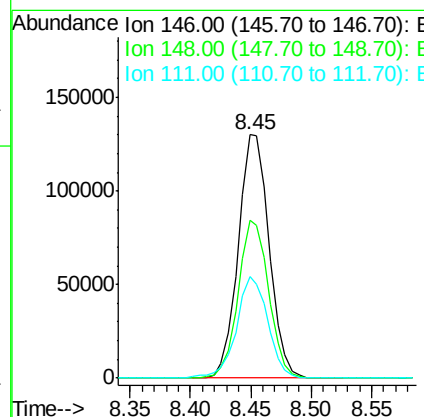
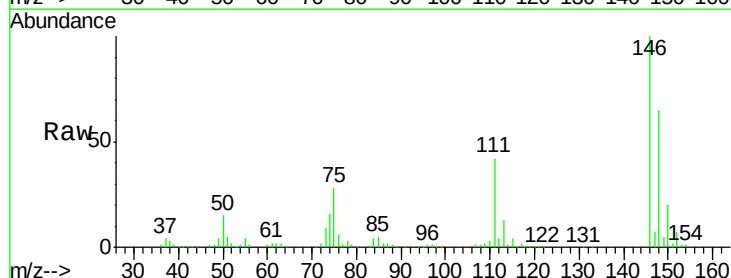
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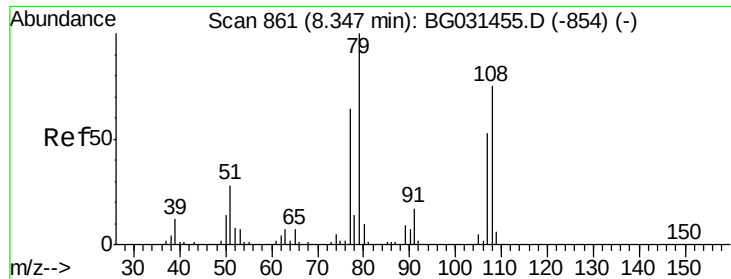
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#14
 1,2-Dichlorobenzene
 Concen: 43.464 ng
 RT: 8.45 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	49.3	73.9
111	41.6	34.3	51.5





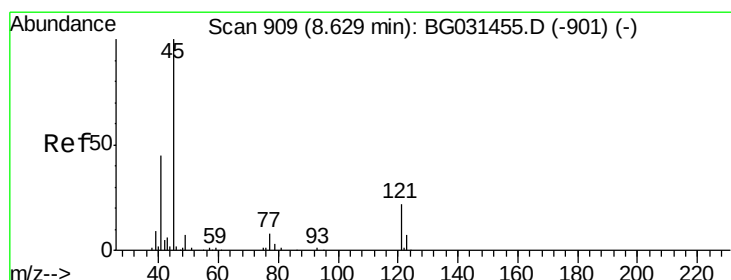
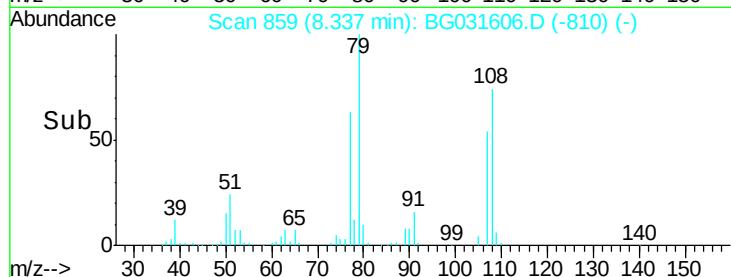
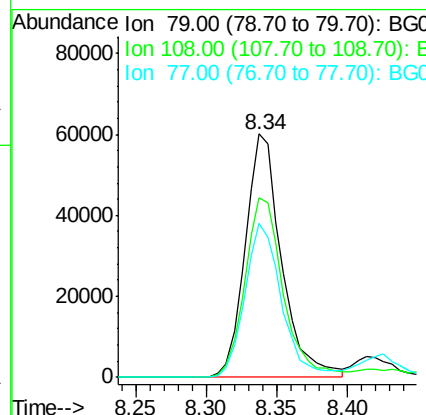
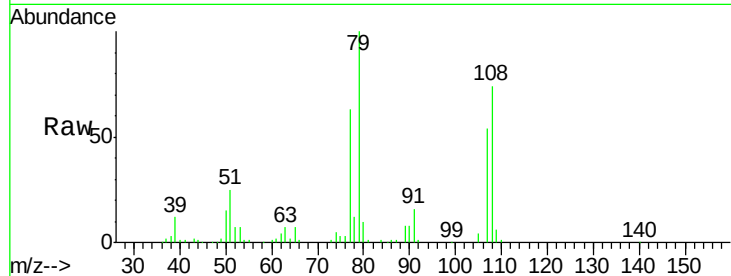
#15
Benzyl Alcohol
Concen: 24.498 ng
RT: 8.34 min Scan# 859
Delta R.T. -0.01 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Instrument :
BNA_G
ClientSampleId :
MW-1-20171211MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	74.0	57.2	85.8
77	63.0	46.1	69.1

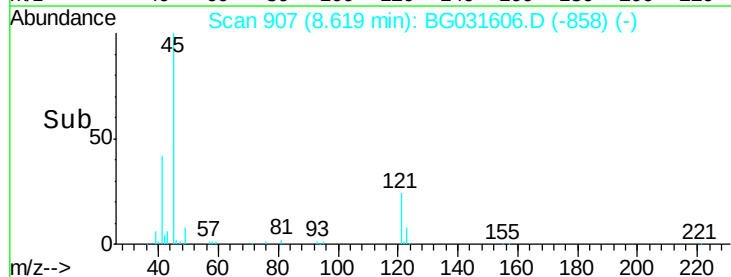
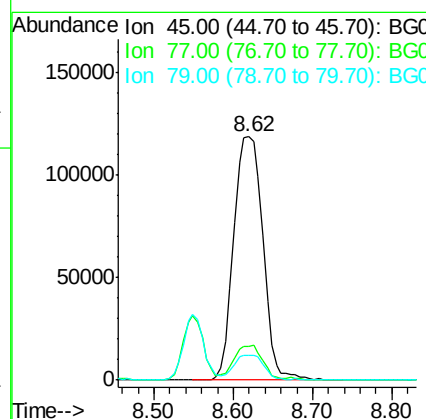
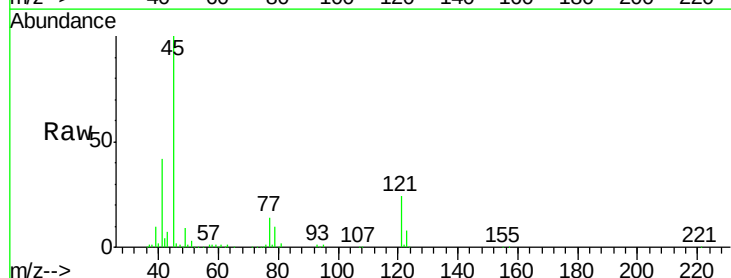
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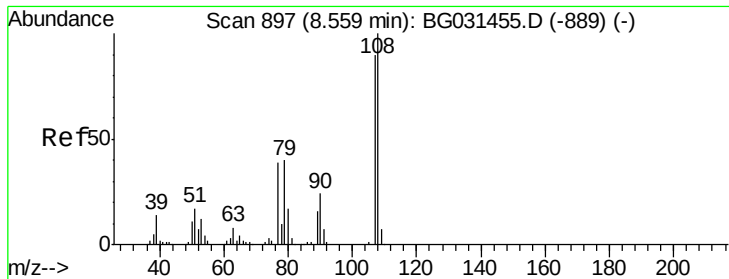
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.988 ng
RT: 8.62 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	30.2
79	10.3	0.0	27.9





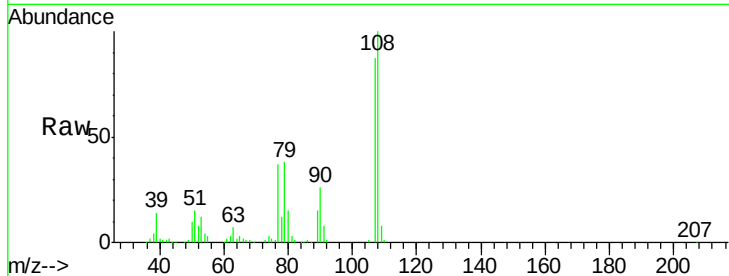
#17
2-Methylphenol
Concen: 32.299 ng
RT: 8.55 min Scan# 895
Delta R.T. -0.01 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Instrument :
BNA_G
ClientSampleId :
MW-1-20171211MSD

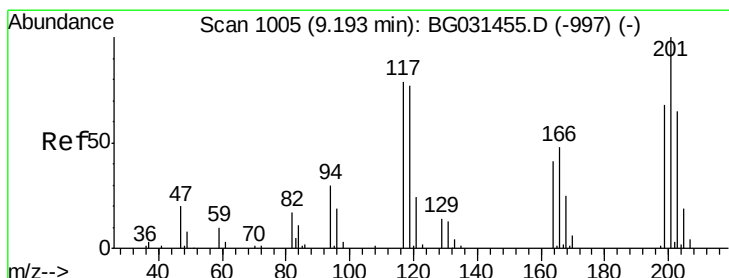
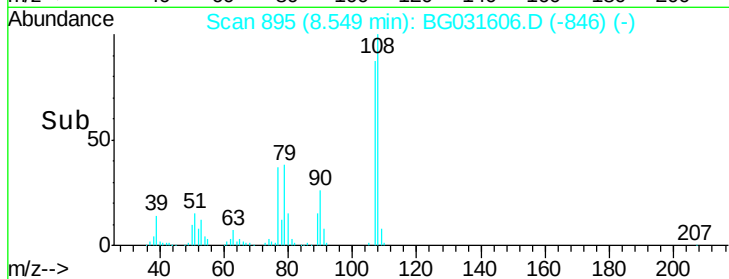
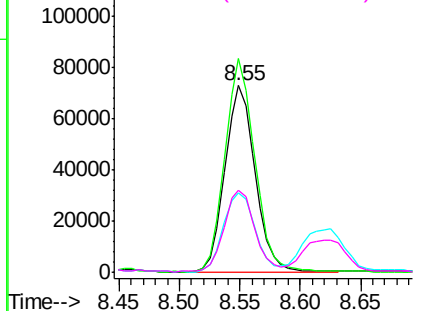
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	127761		
108	114.5	83.9	125.9	
77	42.9	37.2	55.8	
79	44.1	36.2	54.2	

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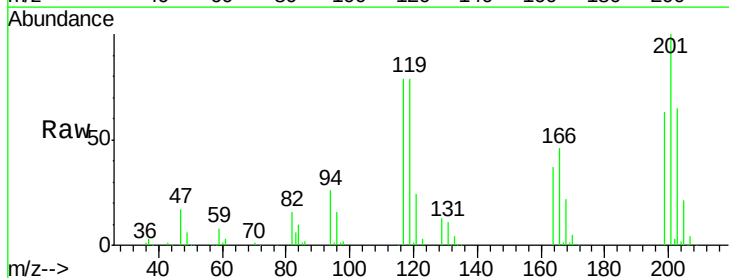


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

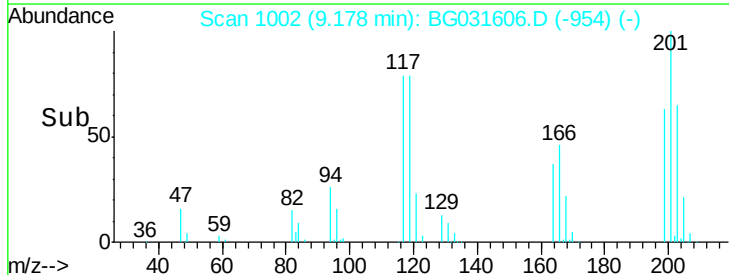
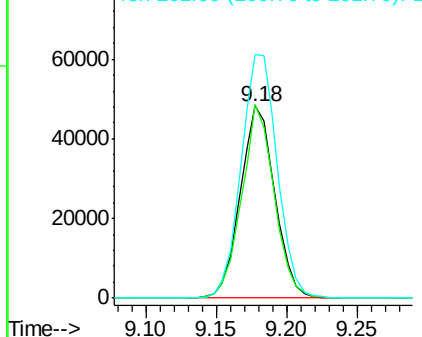


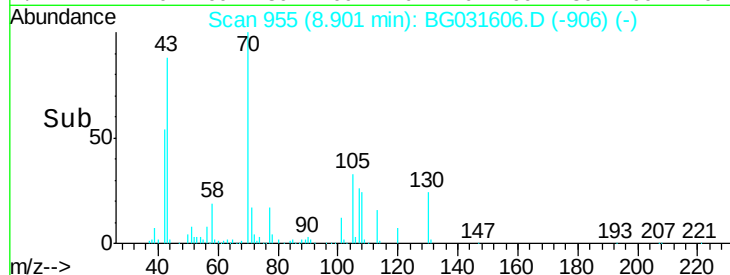
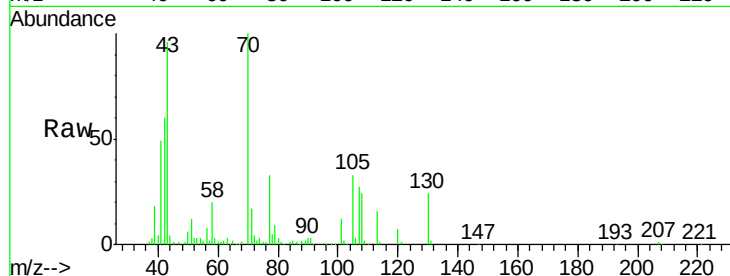
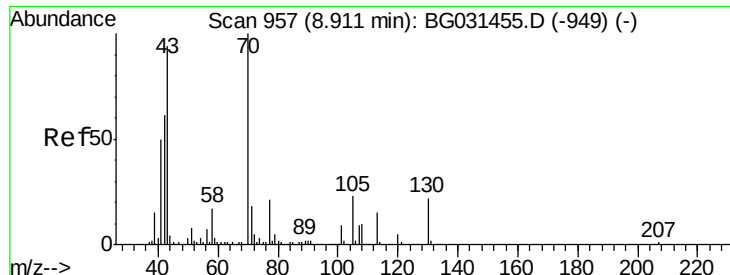
#18
Hexachloroethane
Concen: 43.462 ng
RT: 9.18 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	82184		
119	100.5	76.7	115.1	
201	126.7	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





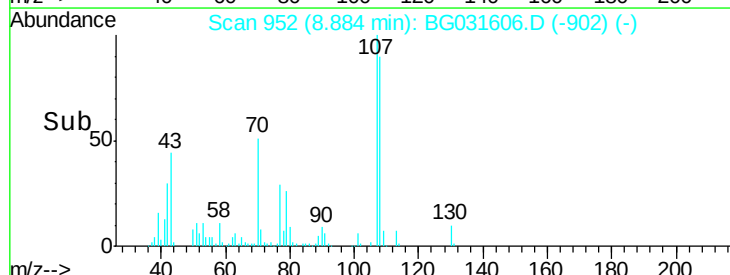
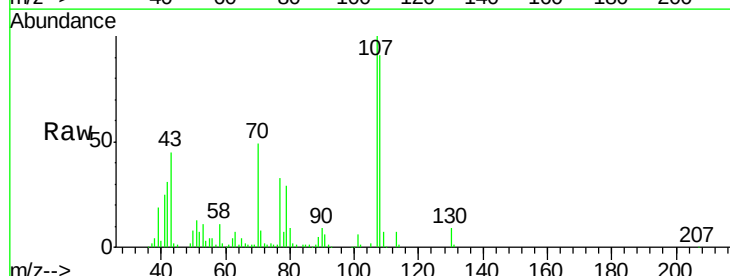
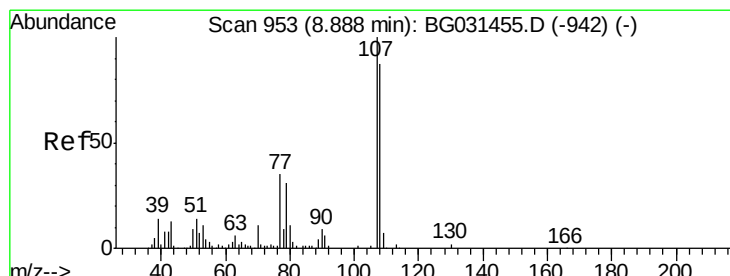
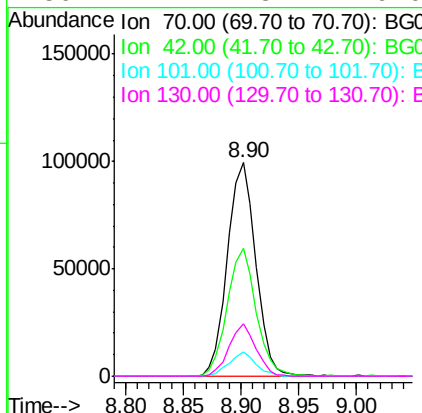
#19
n-Nitroso-di-n-propylamine
Concen: 38.187 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Instrument :
BNA_G
ClientSampleId :
MW-1-20171211MSD

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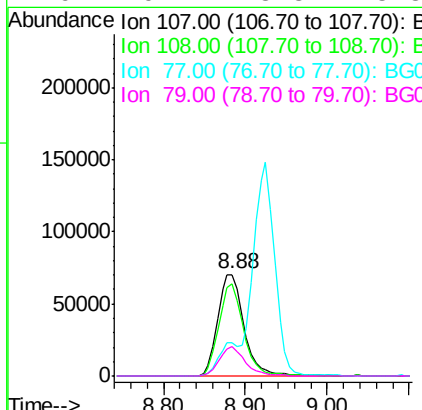
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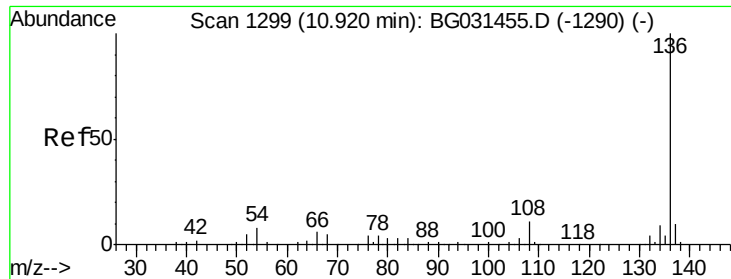
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.0	49.1	73.7	
101	11.6	8.5	12.7	
130	24.4	13.4	20.0	



#20
3+4-Methylphenols
Concen: 26.779 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.00 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.2	61.6	101.6	
77	33.0	13.9	53.9	
79	29.2	8.8	48.8	





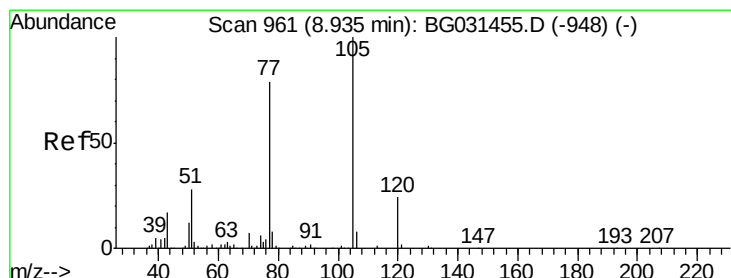
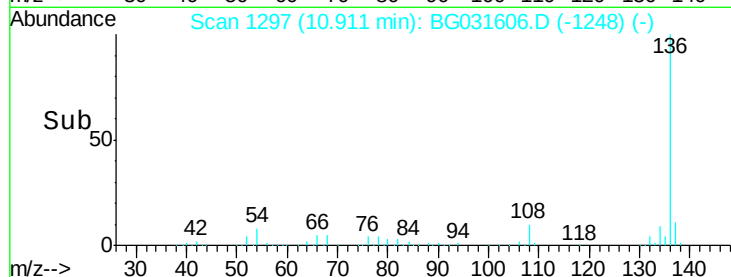
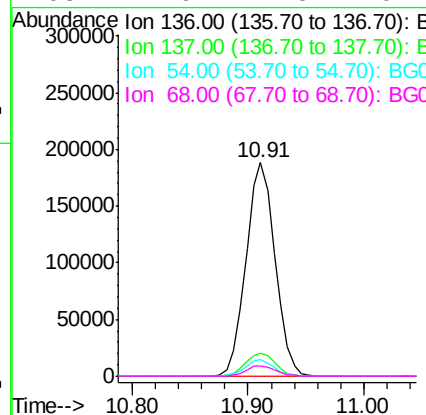
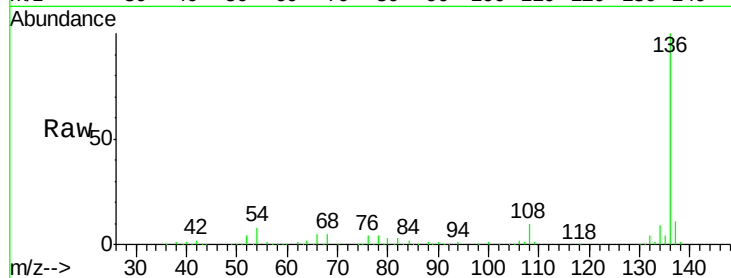
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Instrument :
BNA_G
ClientSampleId :
MW-1-20171211MSD

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	9.2	13.8
54	8.0	10.3	15.5#
68	4.9	4.5	6.7

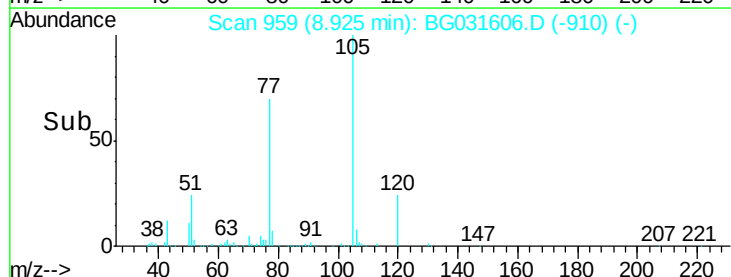
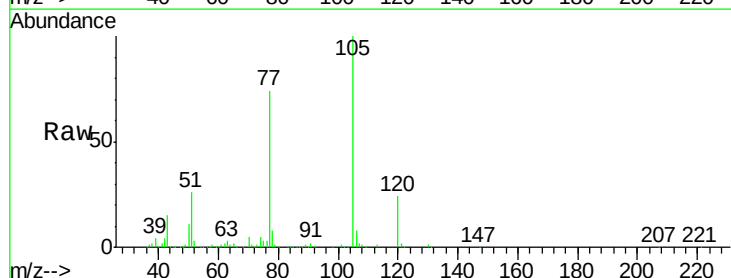
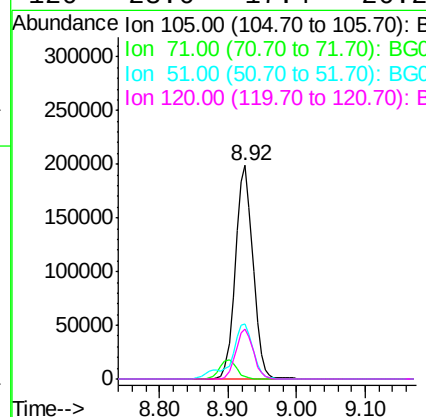
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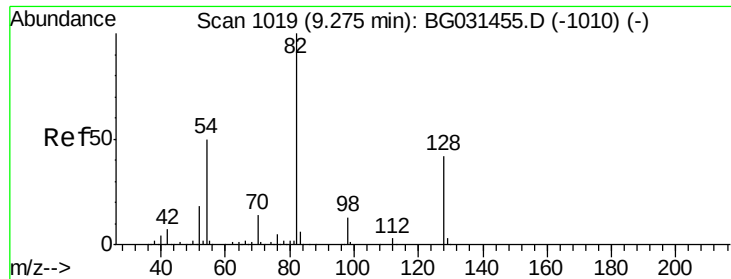
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#22
Acetophenone
Concen: 44.776 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	1.0	3.0	4.4#
51	25.6	26.1	39.1#
120	23.6	17.4	26.2





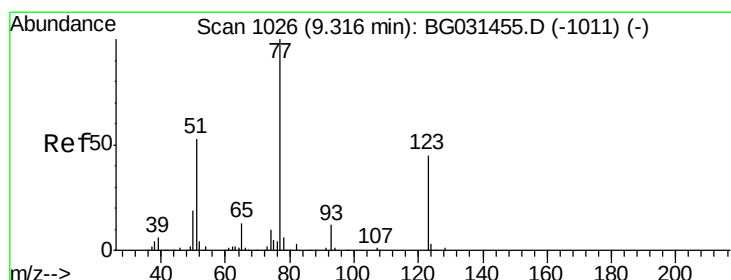
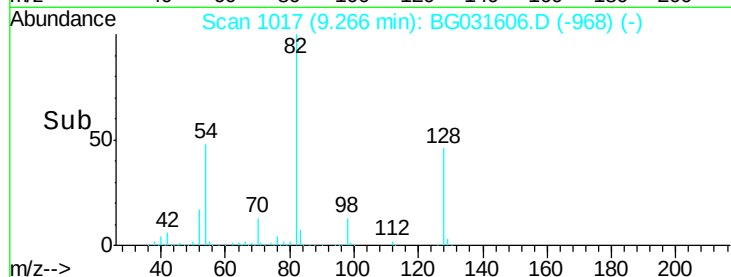
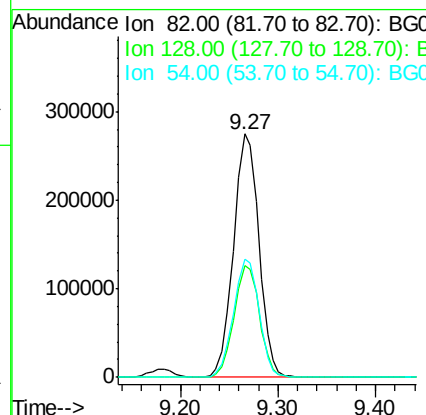
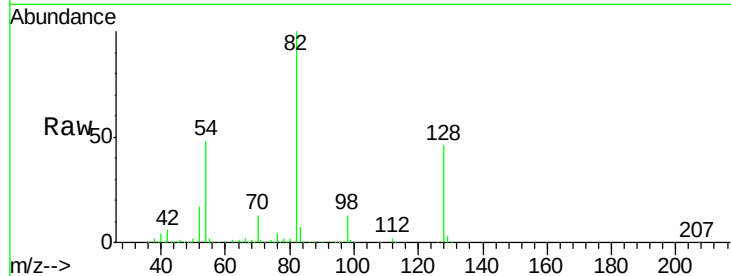
#23
 Nitrobenzene-d5
 Concen: 92.880 ng
 RT: 9.27 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-20171211MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	496045		
128	46.1	29.7	44.5#	
54	48.5	43.1	64.7	

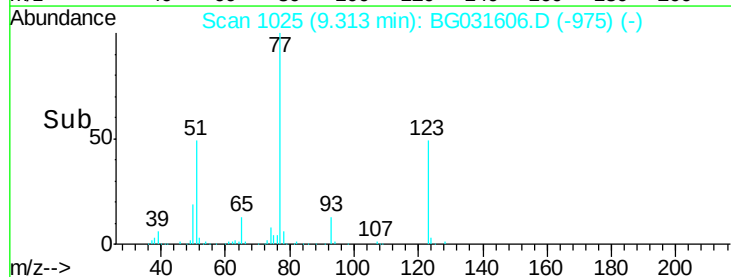
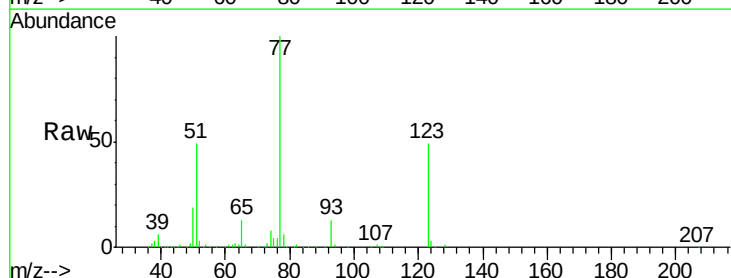
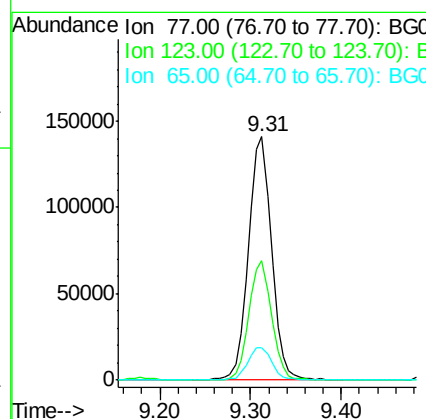
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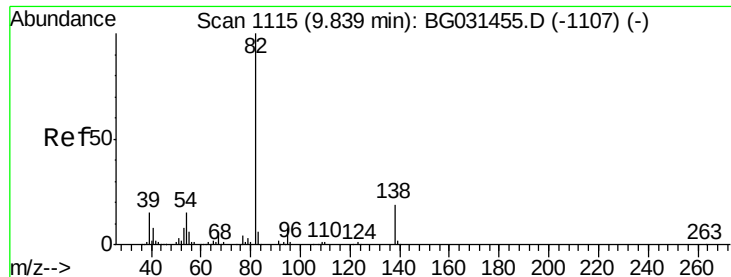
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#24
 Nitrobenzene
 Concen: 45.715 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	250184		
123	48.9	33.0	49.6	
65	13.4	13.0	19.6	





#25

Isophorone

Concen: 48.069 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Instrument :

BNA_G

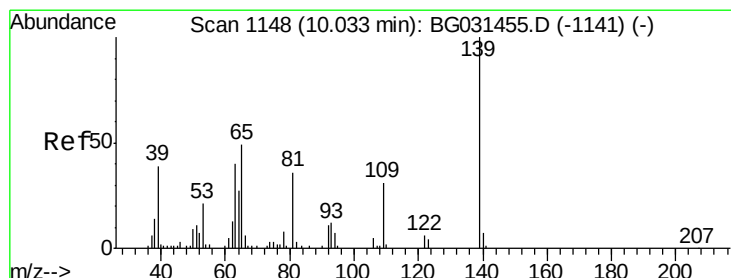
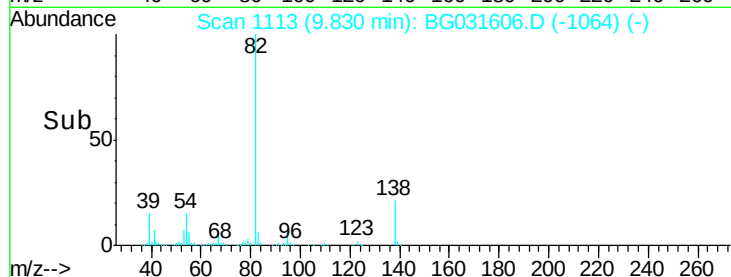
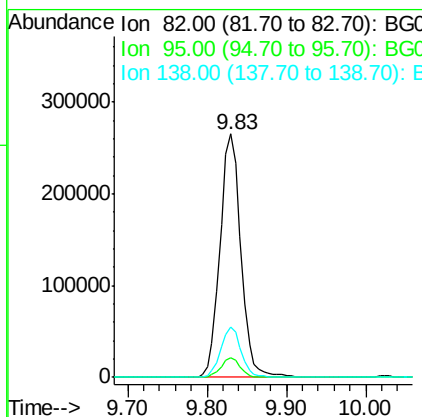
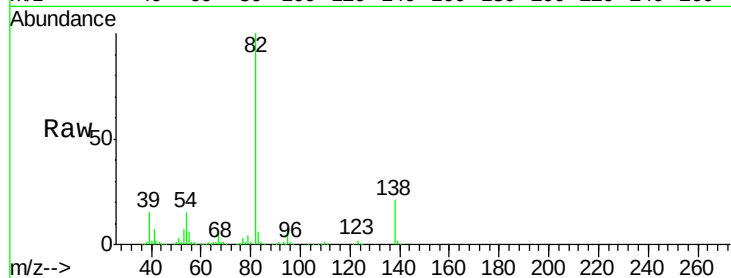
ClientSampleId :

MW-1-20171211MSD

Tgt Ion:	82	Resp:	485162
Ion Ratio		Lower	Upper
82	100		
95	7.8	6.2	9.2
138	20.9	12.1	18.1#

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#26

2-Nitrophenol

Concen: 50.964 ng

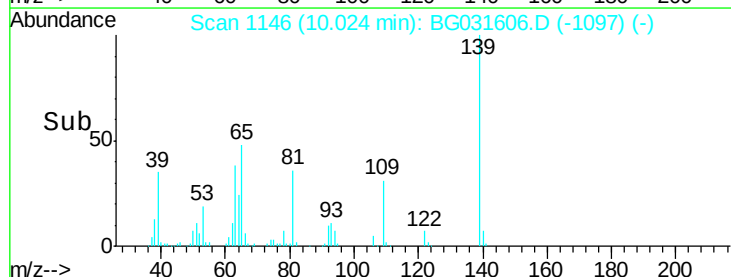
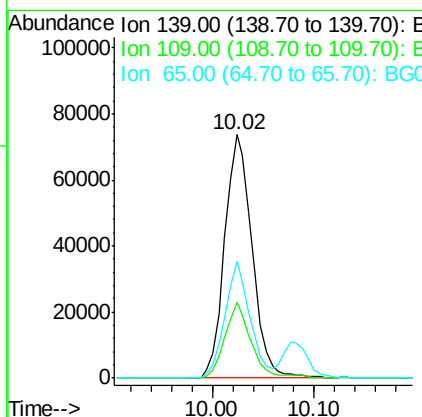
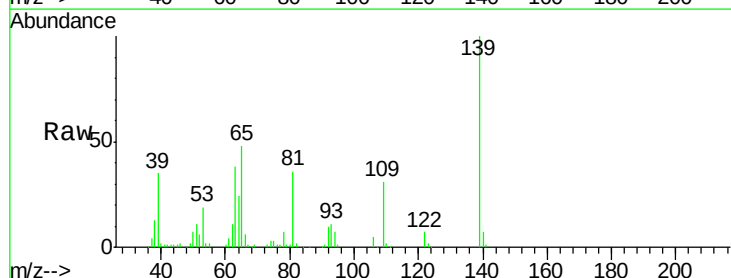
RT: 10.02 min Scan# 1146

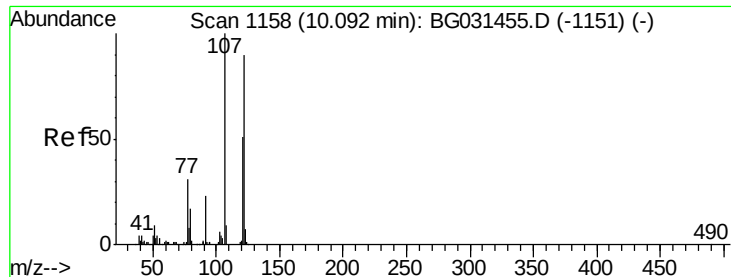
Delta R.T. -0.01 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Tgt Ion:	139	Resp:	137915
Ion Ratio		Lower	Upper
139	100		
109	31.1	24.2	36.2
65	48.0	47.4	71.0





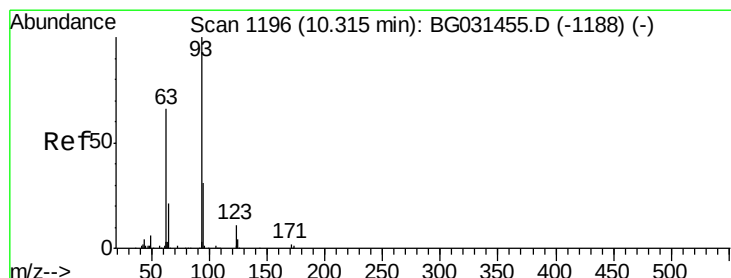
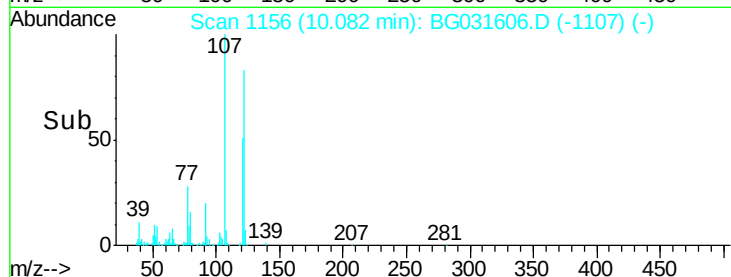
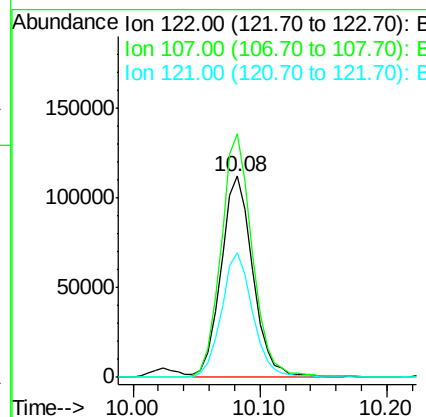
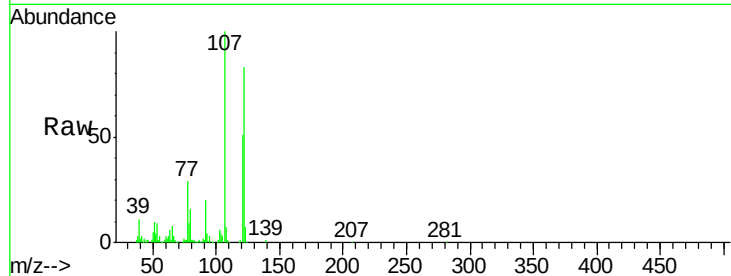
#27
 2,4-Dimethylphenol
 Concen: 47.027 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-20171211MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	193324		
107	121.0	100.2	150.2	
121	62.0	44.4	66.6	

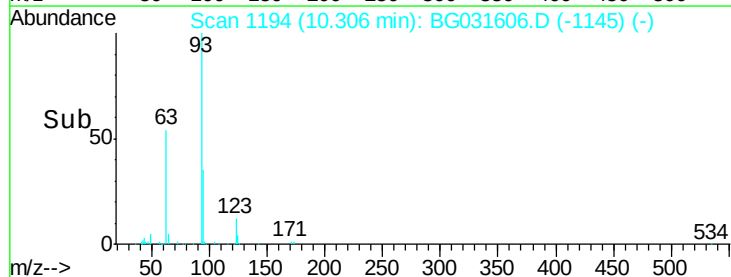
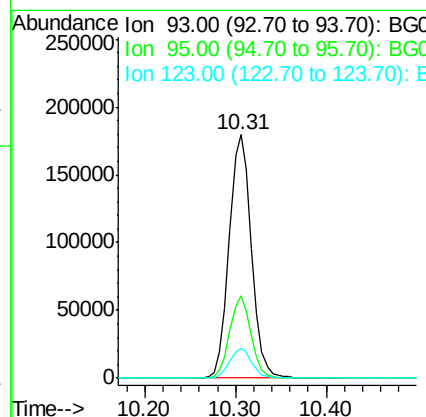
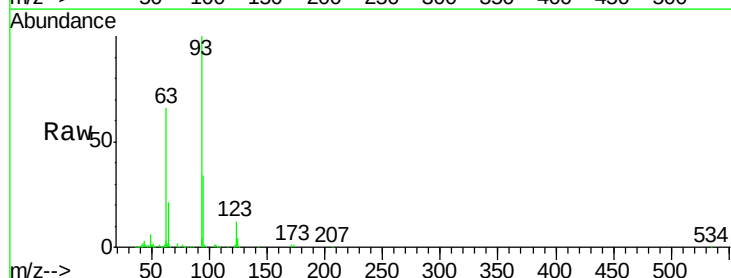
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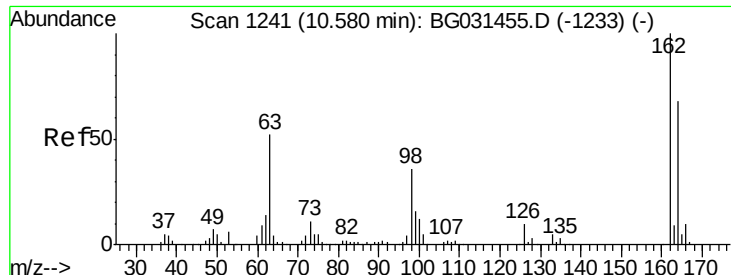
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.726 ng
 RT: 10.31 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	304472		
95	33.6	24.3	36.5	
123	12.1	8.4	12.6	





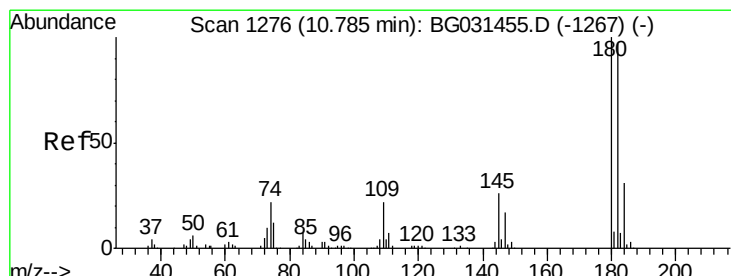
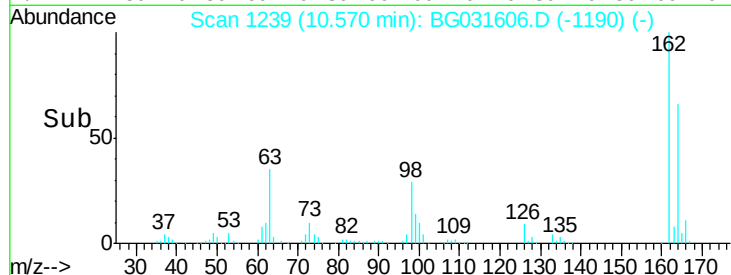
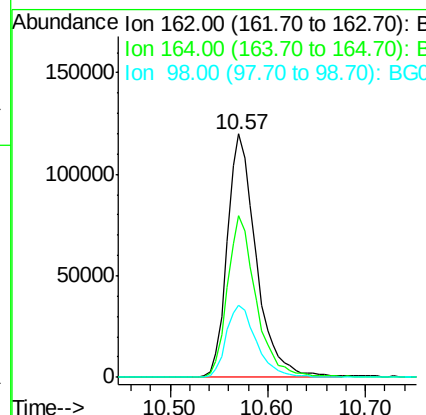
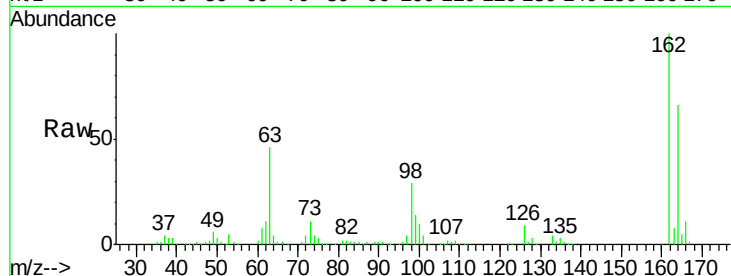
#29
 2,4-Dichlorophenol
 Concen: 50.989 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-20171211MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	246957		
164	66.3	48.0	88.0	
98	29.5	21.1	61.1	

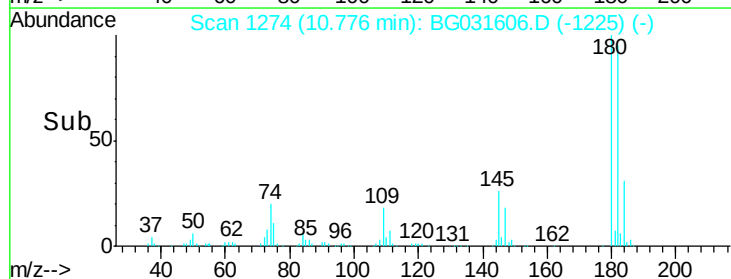
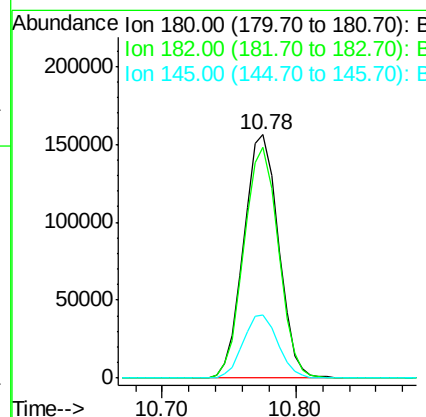
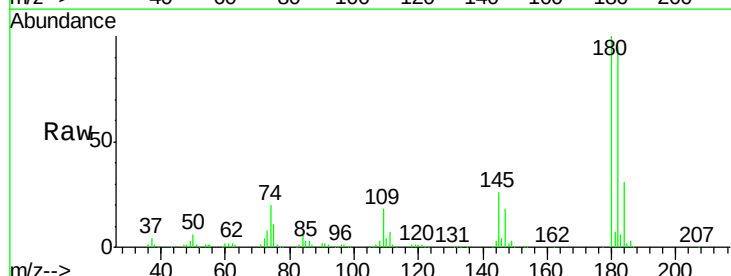
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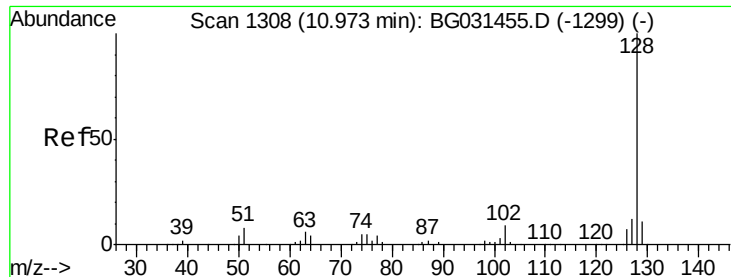
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.455 ng
 RT: 10.78 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	281217		
182	94.8	77.5	116.3	
145	26.1	23.4	35.2	





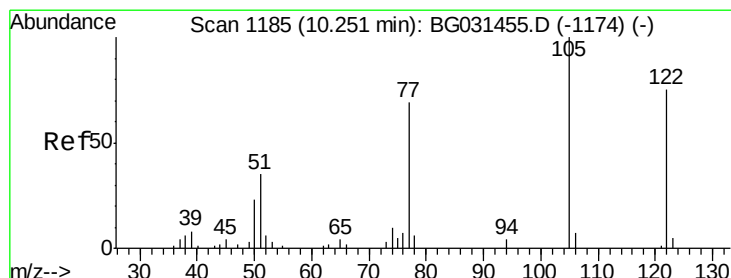
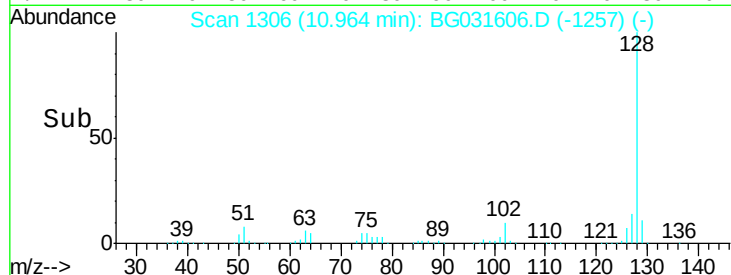
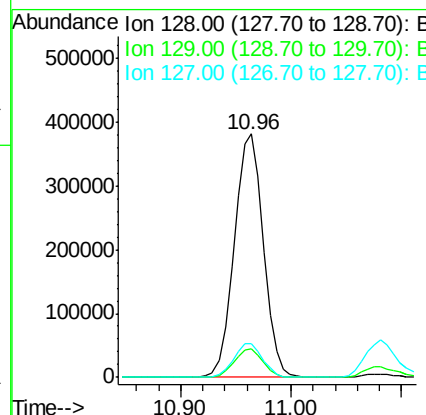
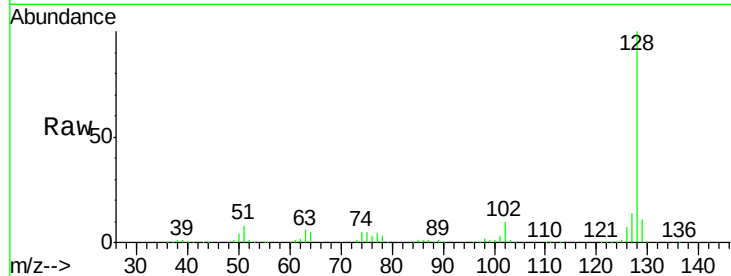
#31
Naphthalene
Concen: 43.431 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Instrument :
BNA_G
ClientSampleId :
MW-1-20171211MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	13.8	11.6	17.4

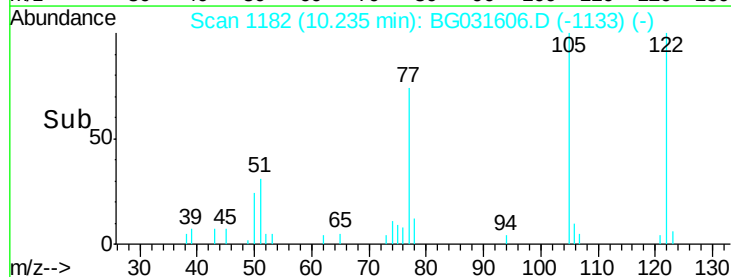
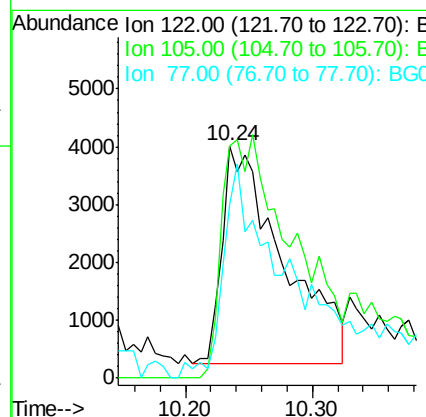
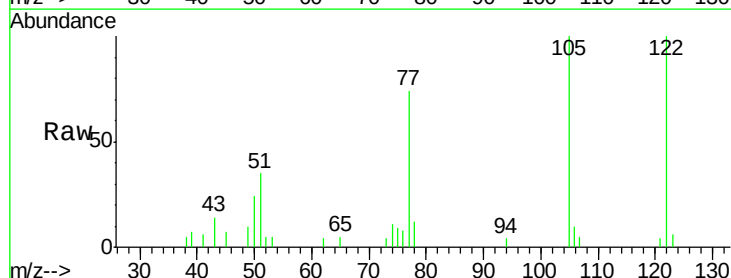
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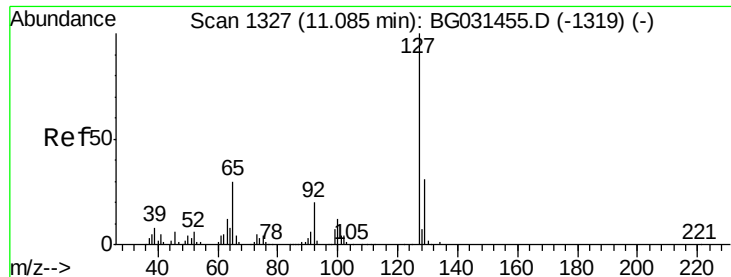
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#32
Benzoic acid
Concen: 12.556 ng
RT: 10.24 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	100.0	123.5	163.5#
77	74.5	85.7	125.7#





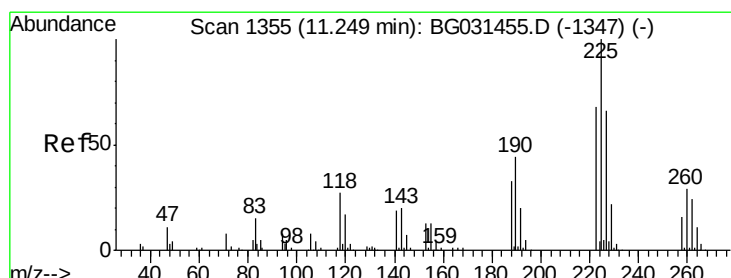
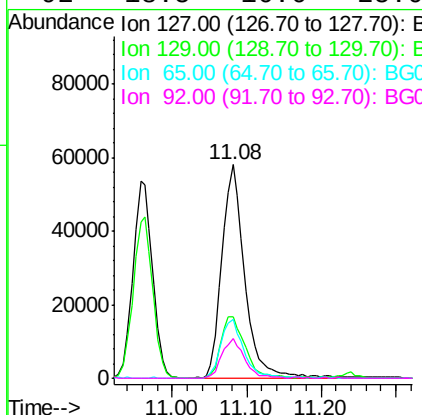
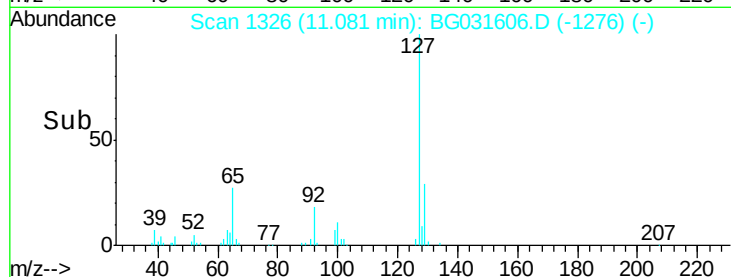
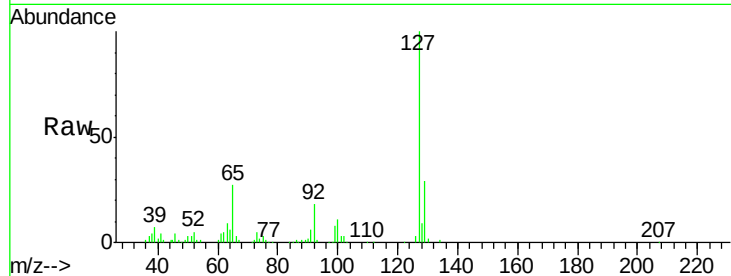
#33
4-Chloroaniline
Concen: 17.726 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Instrument :
BNA_G
ClientSampleId :
MW-1-20171211MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	124468		
129	28.5	24.0	36.0	
65	27.4	27.0	40.4	
92	18.5	16.6	25.0	

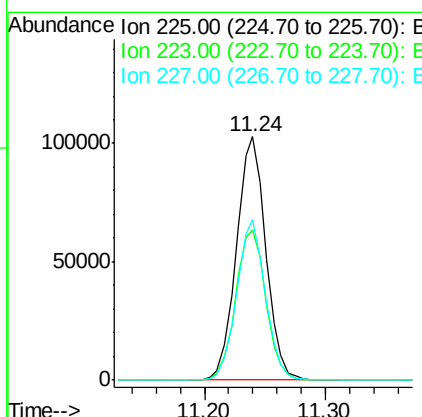
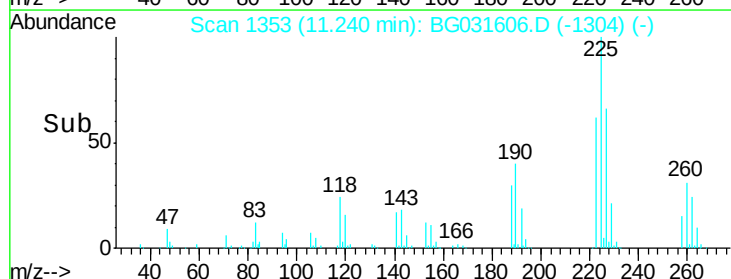
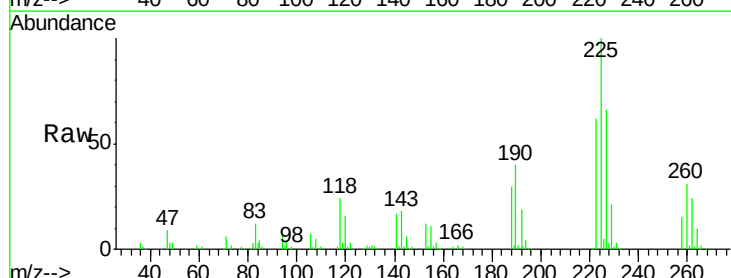
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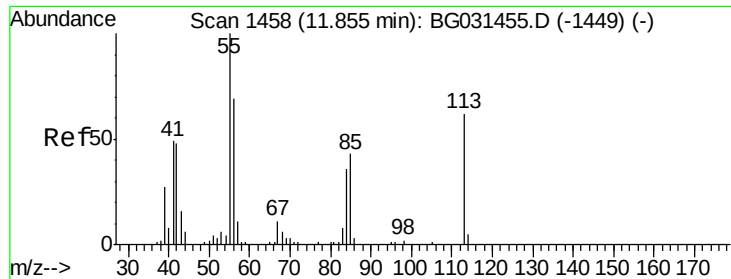
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#34
Hexachlorobutadiene
Concen: 42.410 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	174038		
223	61.6	49.7	74.5	
227	66.1	48.1	72.1	





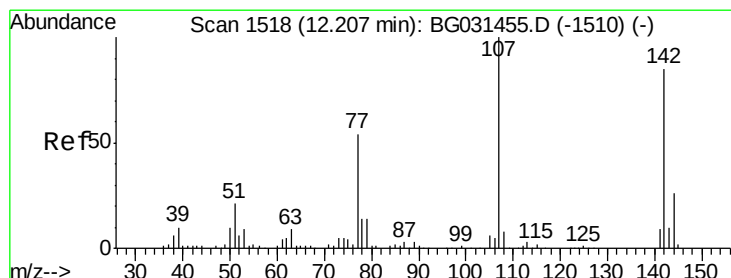
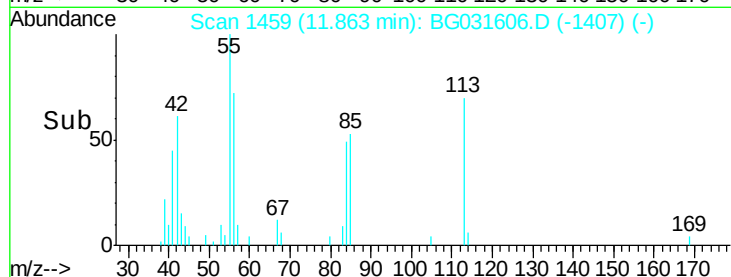
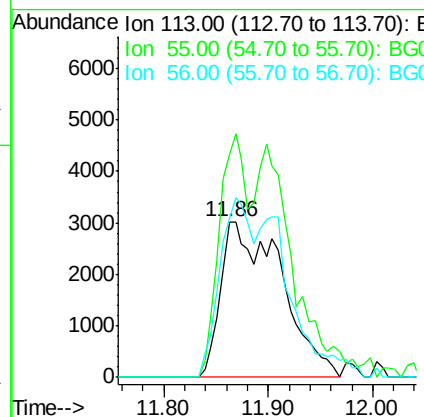
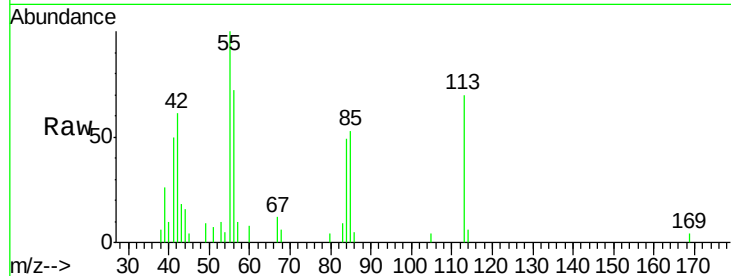
#35
 Caprolactam
 Concen: 6.410 ng m
 RT: 11.86 min Scan# 1459
 Delta R.T. 0.01 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-20171211MSD

Tgt Ion:113 Resp: 12190
 Ion Ratio Lower Upper
 113 100
 55 143.3 186.9 226.9#
 56 102.7 130.9 170.9#

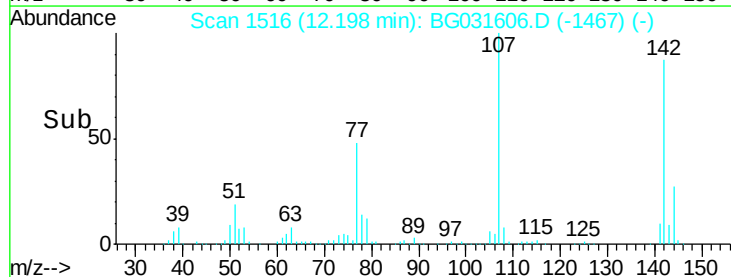
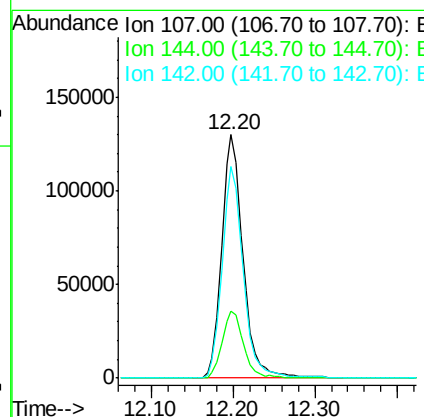
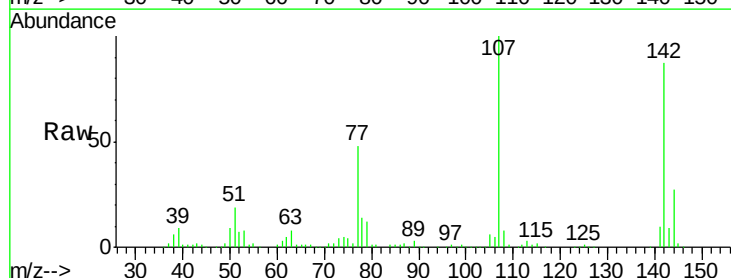
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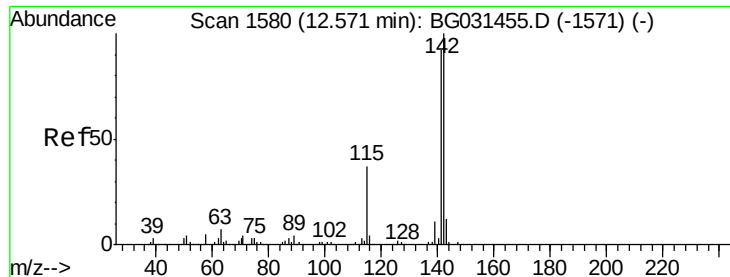
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#36
 4-Chloro-3-methylphenol
 Concen: 42.814 ng
 RT: 12.20 min Scan# 1516
 Delta R.T. -0.01 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Tgt Ion:107 Resp: 236700
 Ion Ratio Lower Upper
 107 100
 144 27.3 18.2 27.4
 142 87.1 59.0 88.4





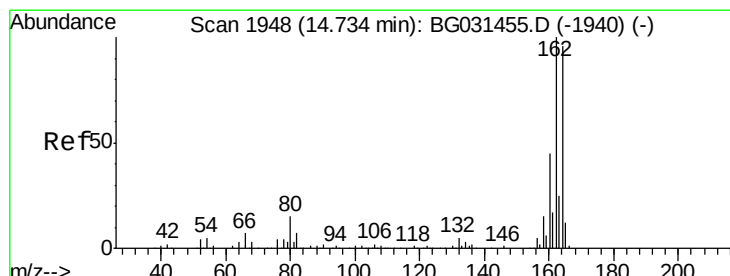
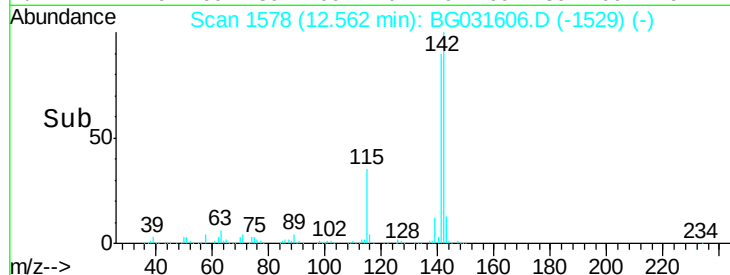
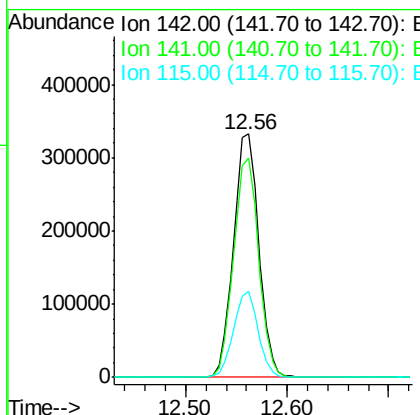
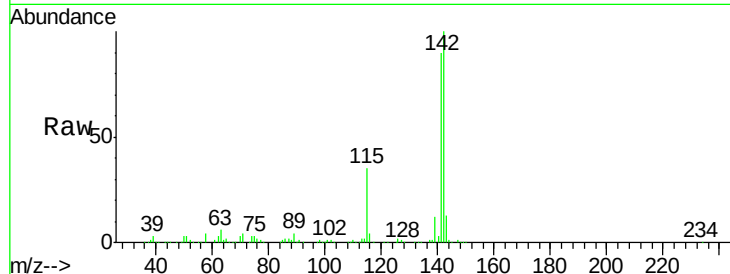
#37
 2-Methylnaphthalene
 Concen: 46.179 ng
 RT: 12.56 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-20171211MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	578221		
141	90.0	67.1	100.7	
115	35.2	30.7	46.1	

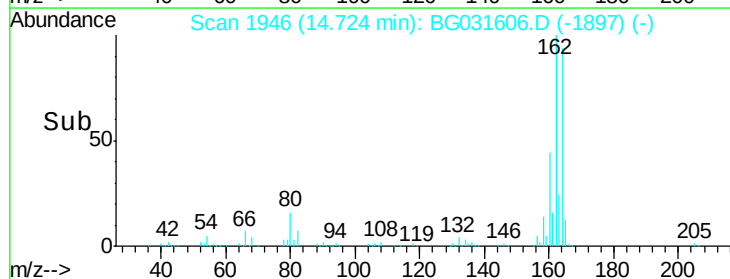
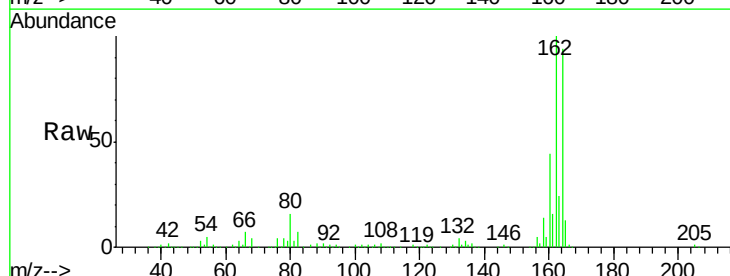
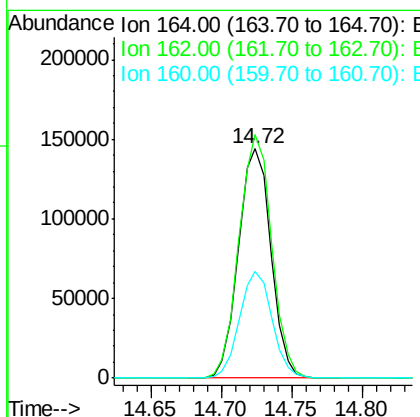
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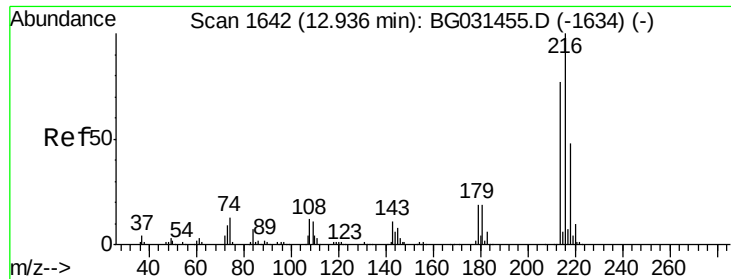
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	231490		
162	106.2	78.8	118.2	
160	46.6	35.4	53.0	





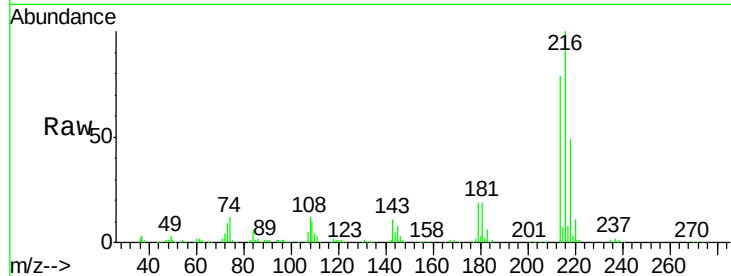
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.211 ng
 RT: 12.93 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-20171211MSD

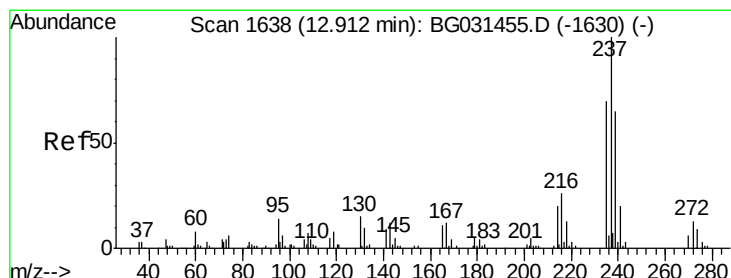
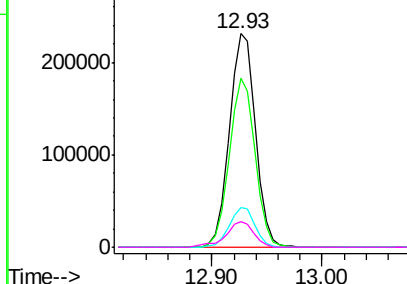
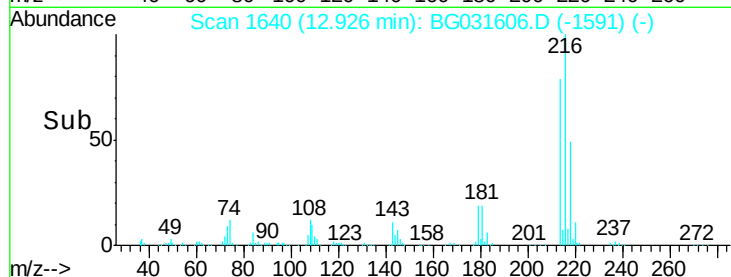
Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	18.5	17.0	25.6
108	13.1	12.8	19.2

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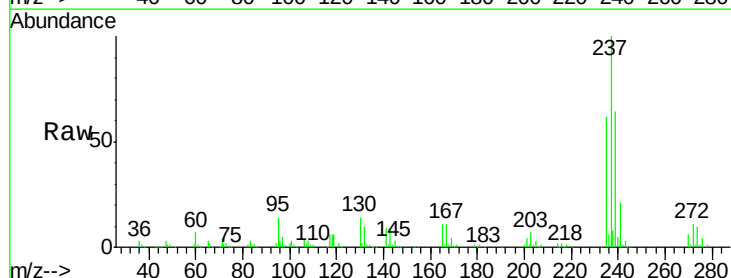


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

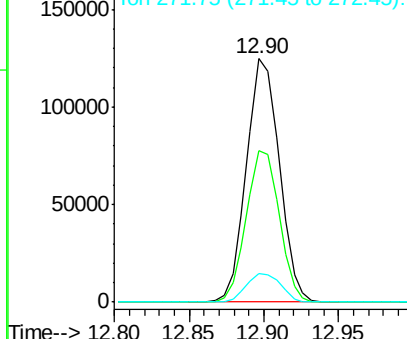
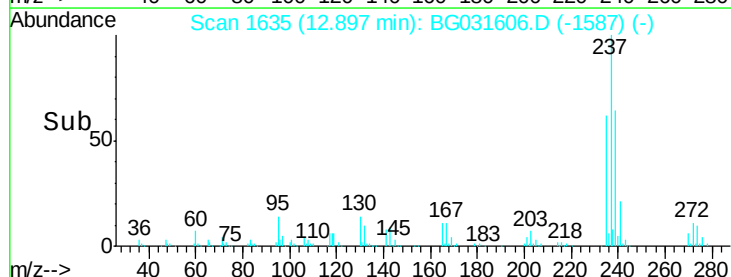


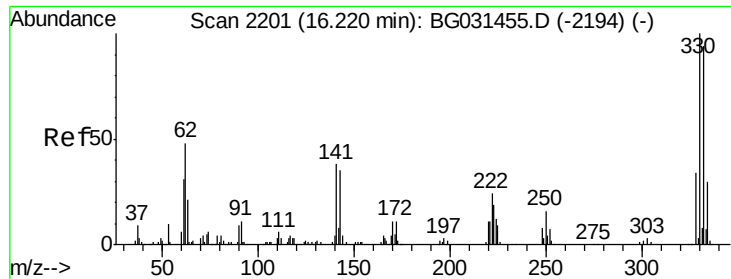
#40
 Hexachlorocyclopentadiene
 Concen: 66.741 ng
 RT: 12.90 min Scan# 1635
 Delta R.T. -0.02 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.3	50.4	90.4
272	11.5	0.0	31.8



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





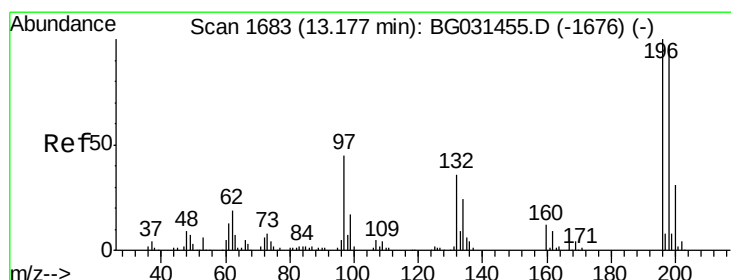
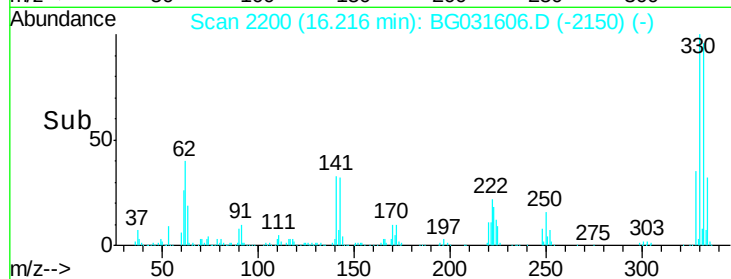
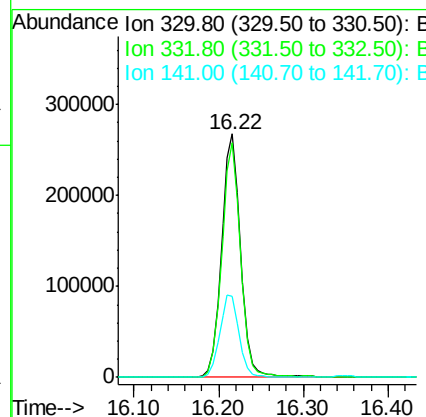
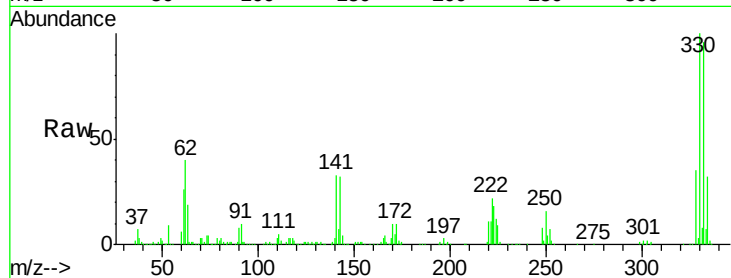
#41
 2,4,6-Tribromophenol
 Concen: 155.565 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-20171211MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	421893		
332	94.7	77.0	115.6	
141	34.6	25.2	37.8	

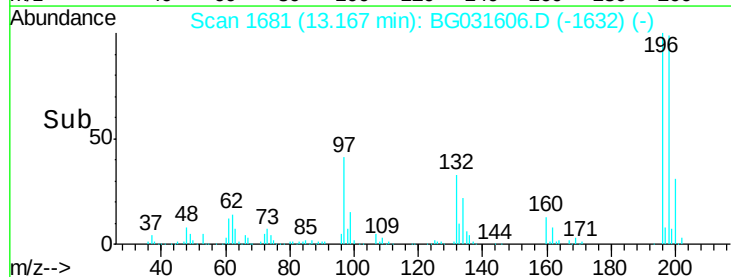
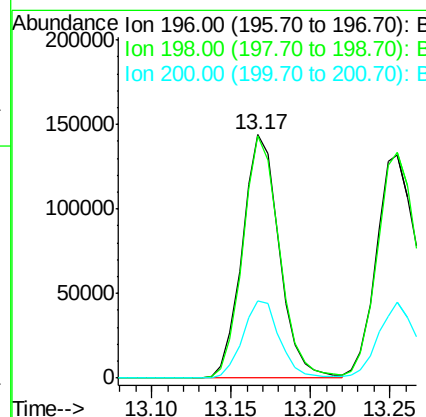
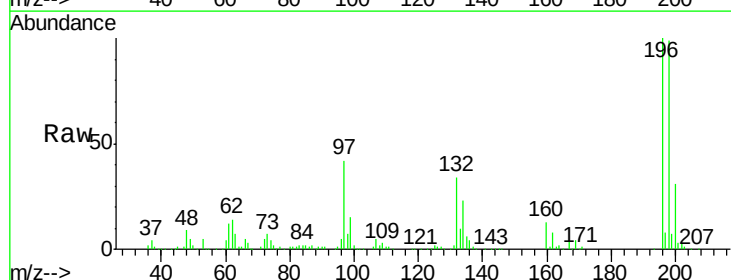
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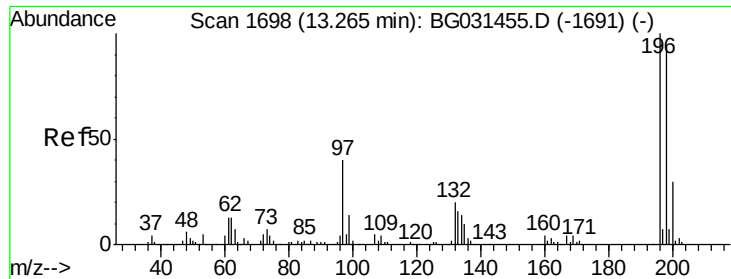
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#42
 2,4,6-Trichlorophenol
 Concen: 50.476 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	233316		
198	99.3	78.2	117.2	
200	31.5	24.6	36.8	





#43

2,4,5-Trichlorophenol

Concen: 50.597 ng

RT: 13.26 min Scan# 1696

Delta R.T. -0.01 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Instrument :

BNA_G

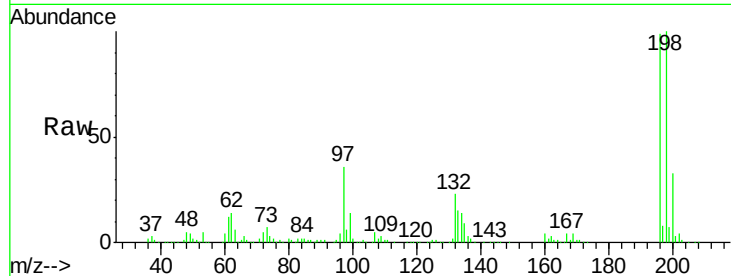
ClientSampleId :

MW-1-20171211MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	251932		
198	101.1	76.2	114.4	
97	36.5	38.7	58.1	
132	22.8	20.2	30.2	

Manual Integrations
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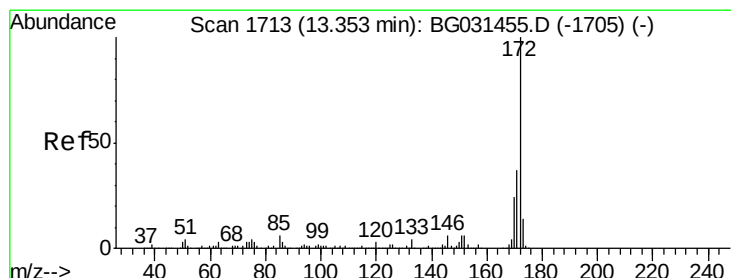
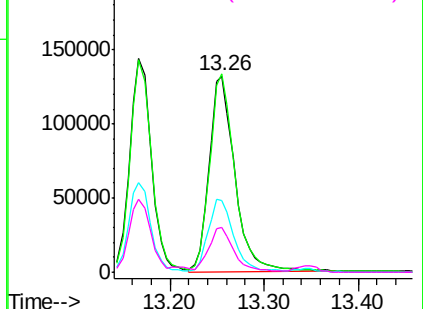
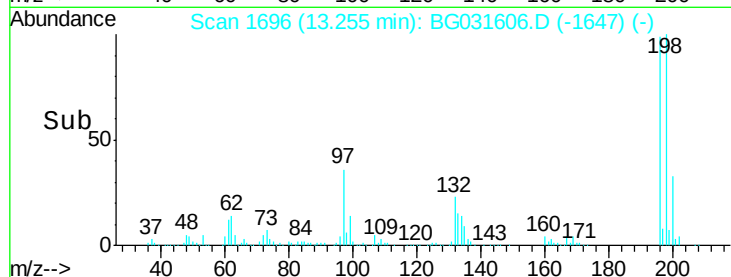
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 90.005 ng

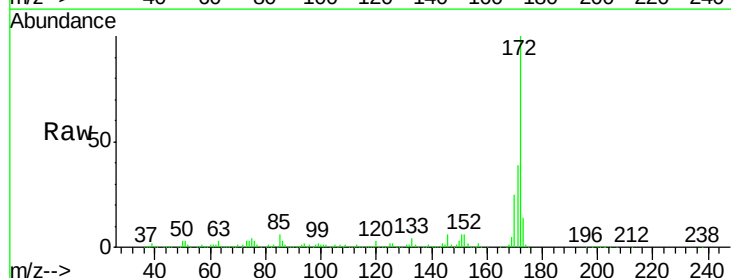
RT: 13.34 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1419415		
171	39.2	30.0	45.0	
170	25.5	19.5	29.3	

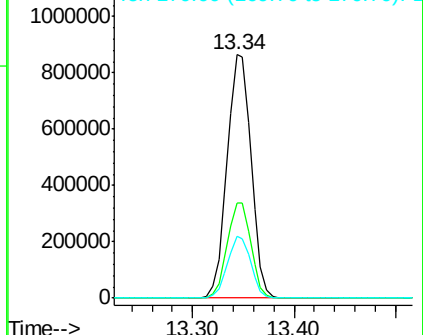
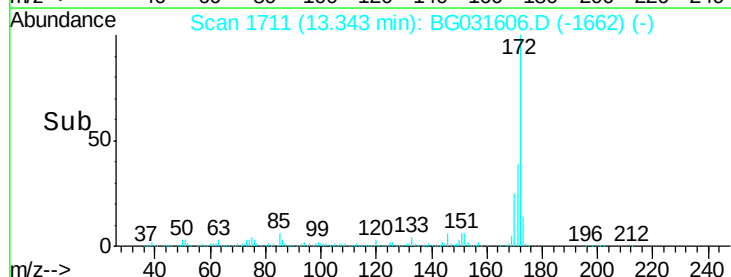


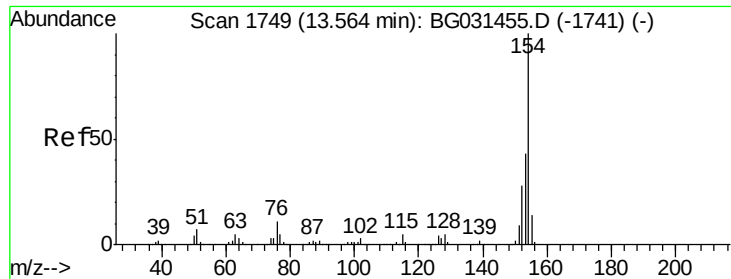
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





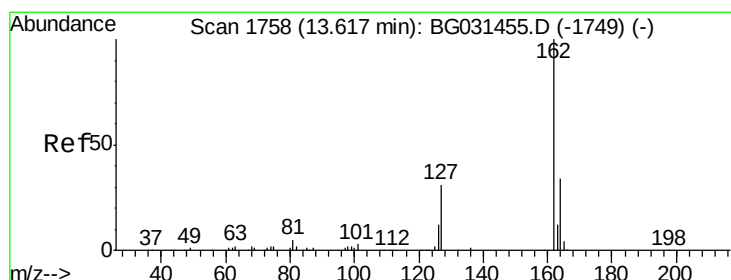
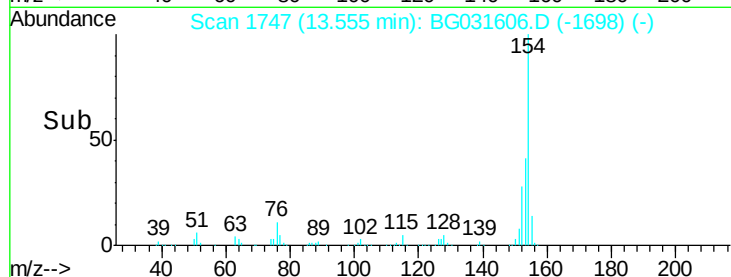
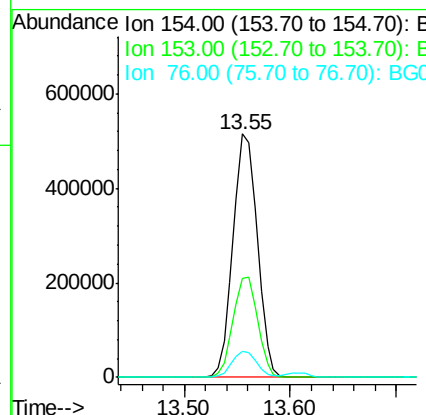
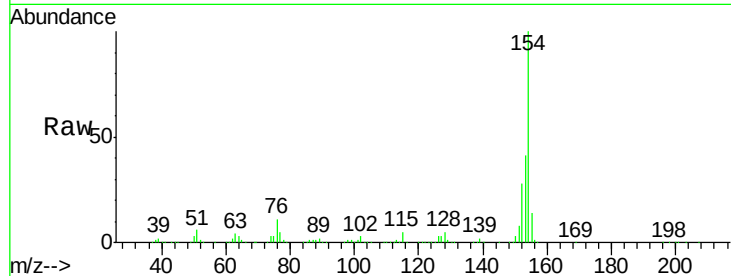
#45
 1,1'-Biphenyl
 Concen: 43.183 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-20171211MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	19.8	59.8
76	10.6	0.0	31.9

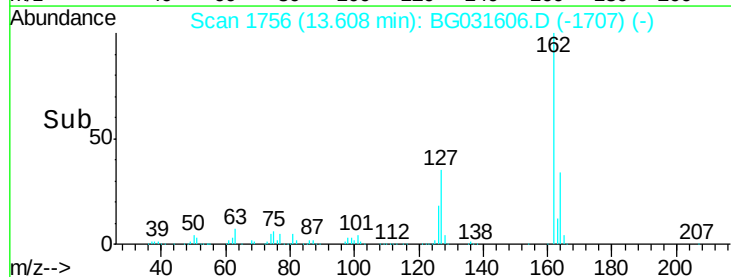
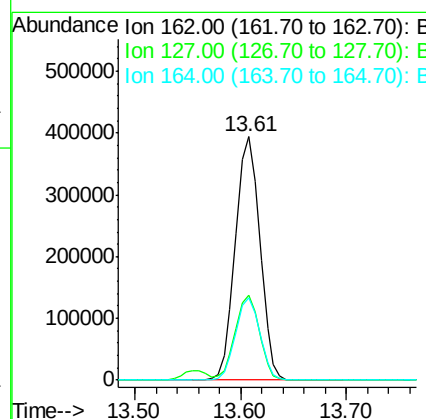
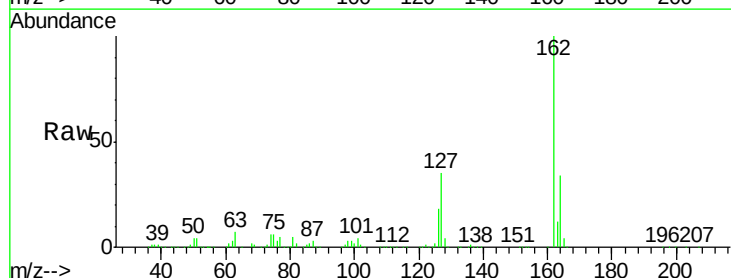
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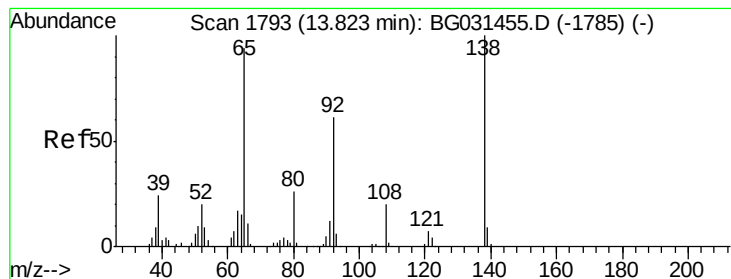
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#46
 2-Chloronaphthalene
 Concen: 45.390 ng
 RT: 13.61 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.1	30.7	46.1
164	33.6	26.0	39.0





#47

2-Nitroaniline

Concen: 46.552 ng

RT: 13.81 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Instrument :

BNA_G

ClientSampleId :

MW-1-20171211MSD

Tgt Ion: 65 Resp: 182037
Ion Ratio Lower Upper

65 100

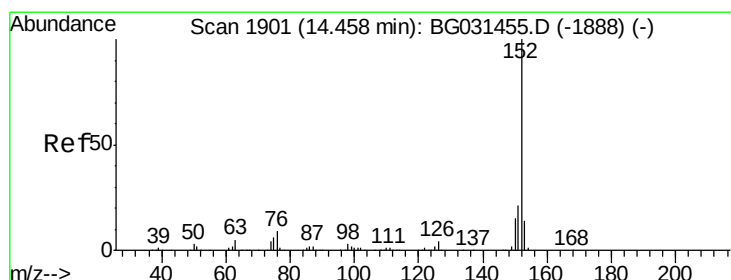
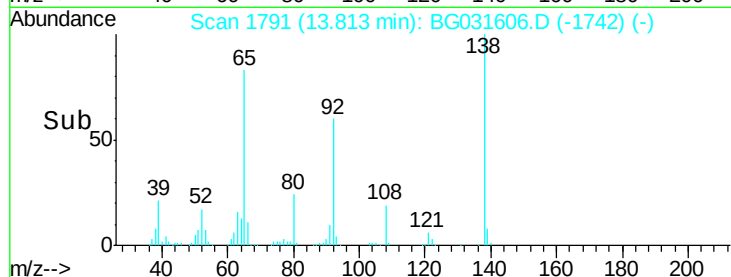
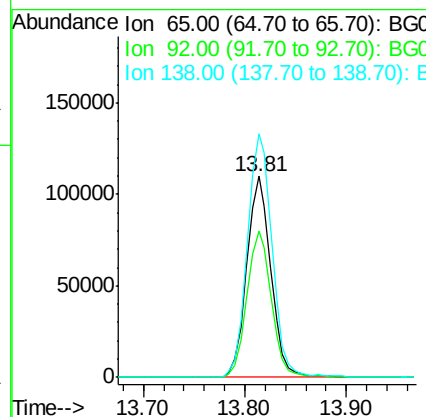
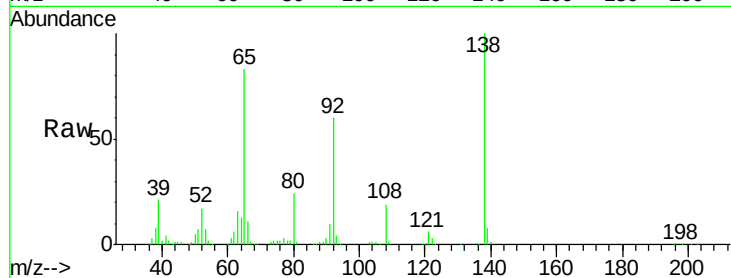
92 73.1 54.6 82.0

138 121.0 72.9 109.3#

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#48

Acenaphthylene

Concen: 43.038 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG031606.D

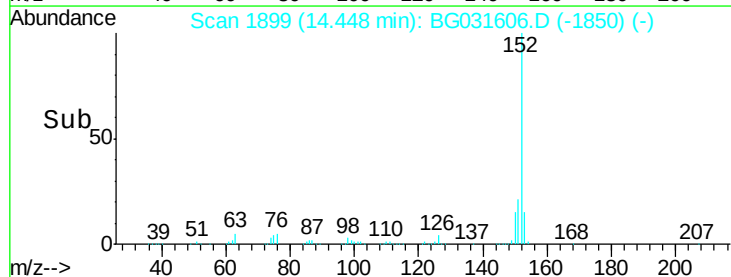
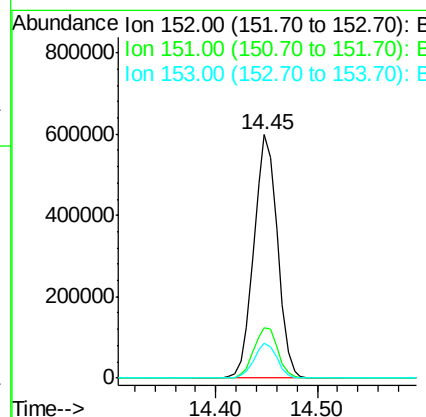
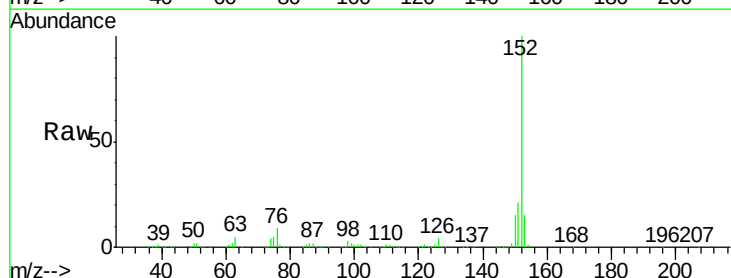
Acq: 16 Dec 2017 2:28

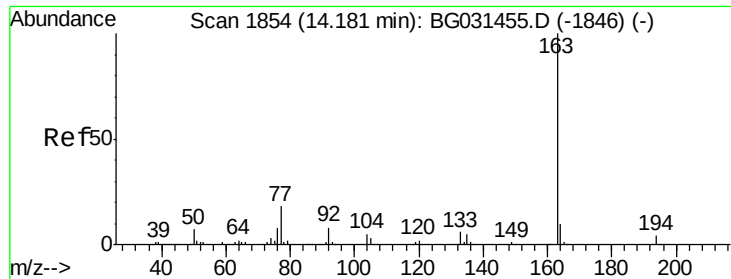
Tgt Ion: 152 Resp: 963692
Ion Ratio Lower Upper

152 100

151 20.8 17.2 25.8

153 14.5 10.2 15.4





#49

Dimethylphthalate

Concen: 46.653 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Instrument :

BNA_G

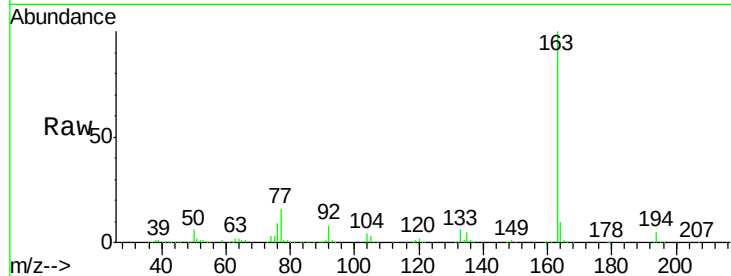
ClientSampleId :

MW-1-20171211MSD

Tgt Ion:	163	Resp:	894108
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.2
164	10.4	8.2	12.4

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

14.18

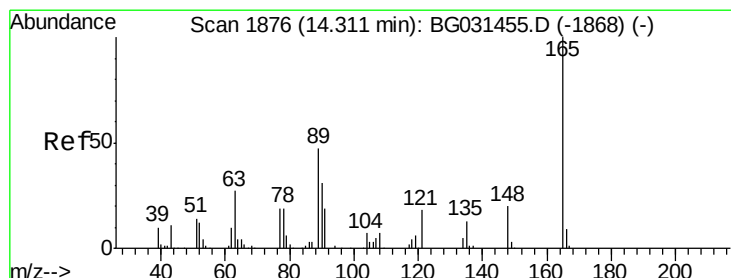
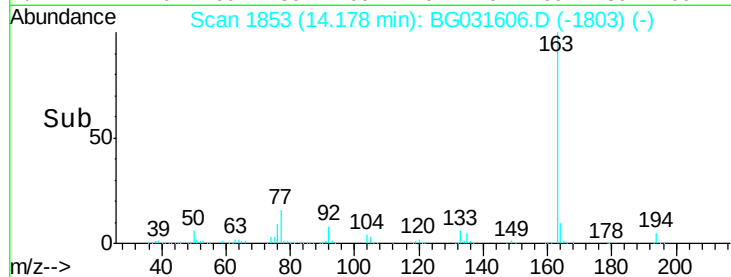
600000

400000

200000

0

Time--> 14.10 14.20



#50

2,6-Dinitrotoluene

Concen: 49.839 ng

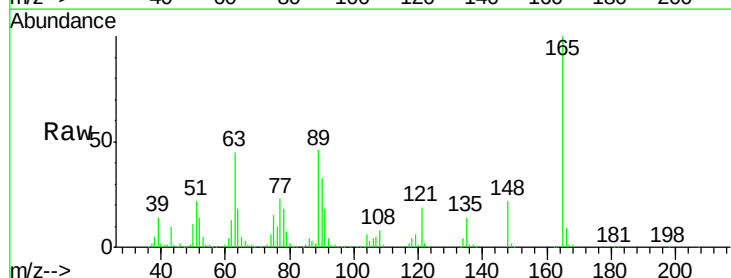
RT: 14.30 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Tgt Ion:	165	Resp:	204164
Ion Ratio	Lower	Upper	
165	100		
63	45.2	52.7	79.1#
89	45.6	49.2	73.8#



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

14.30

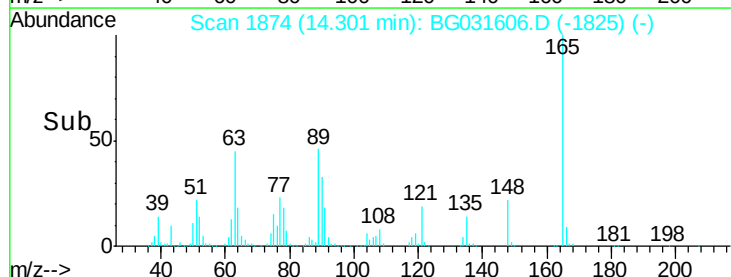
150000

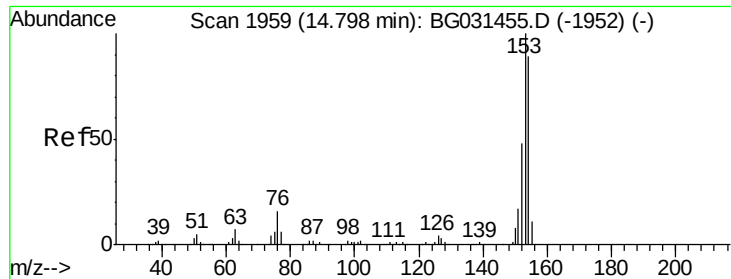
100000

50000

0

Time--> 14.20 14.30





#51

Acenaphthene

Concen: 43.300 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Instrument :

BNA_G

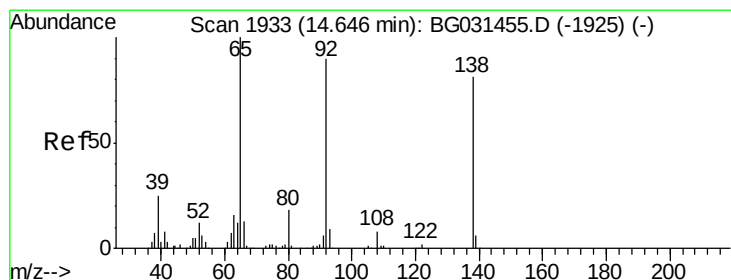
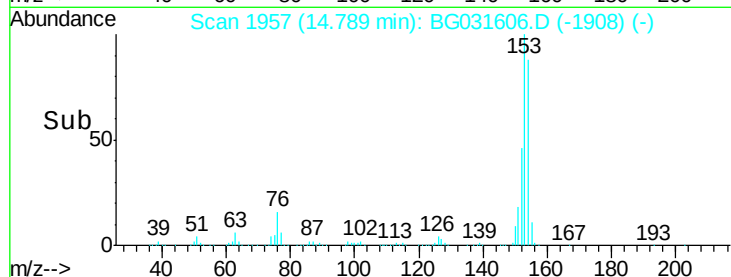
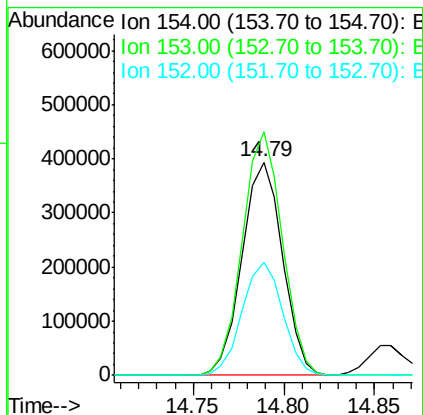
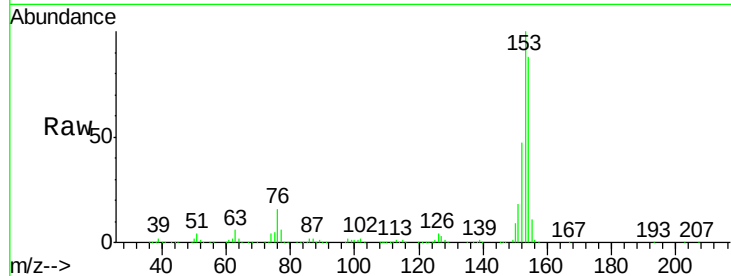
ClientSampleId :

MW-1-20171211MSD

Tgt Ion:	154	Resp:	613071
Ion Ratio	Lower	Upper	
154	100		
153	114.2	90.4	135.6
152	53.3	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 23.948 ng

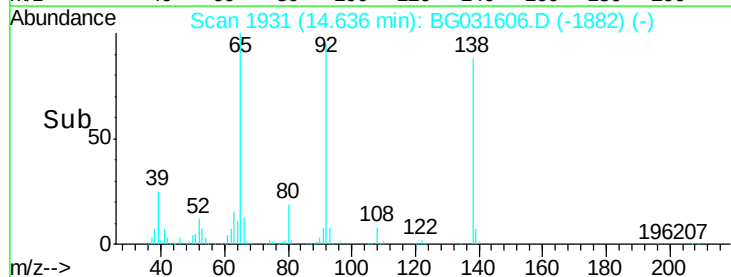
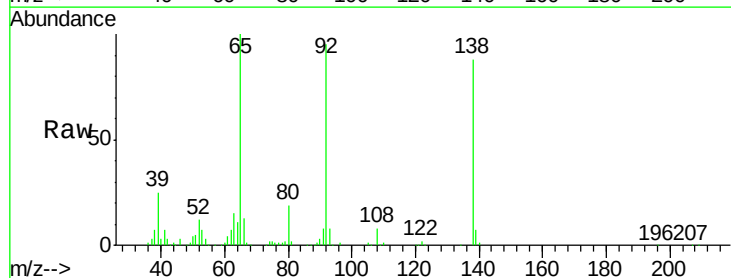
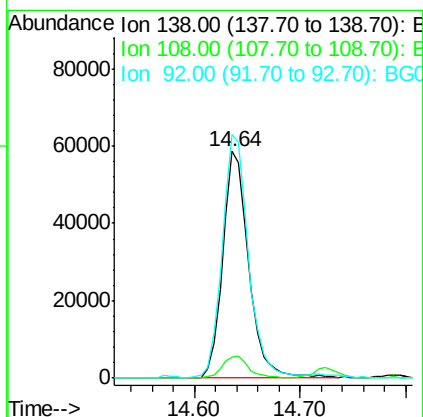
RT: 14.64 min Scan# 1931

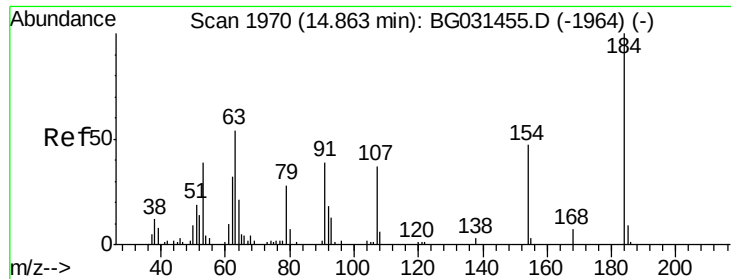
Delta R.T. -0.01 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Tgt Ion:	138	Resp:	100002
Ion Ratio	Lower	Upper	
138	100		
108	9.5	17.5	26.3#
92	107.4	105.8	158.8





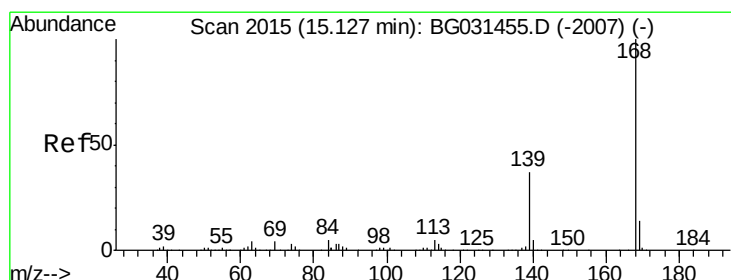
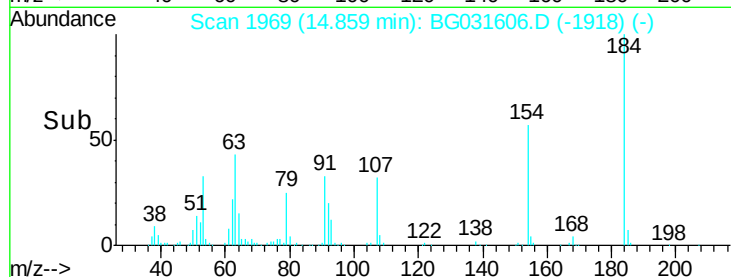
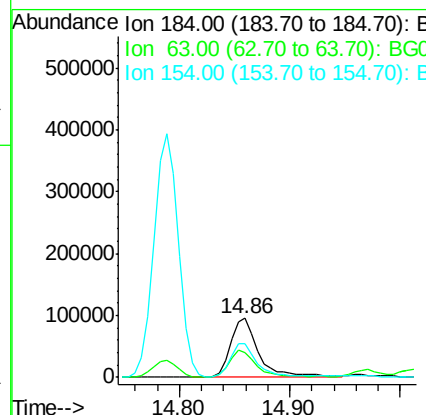
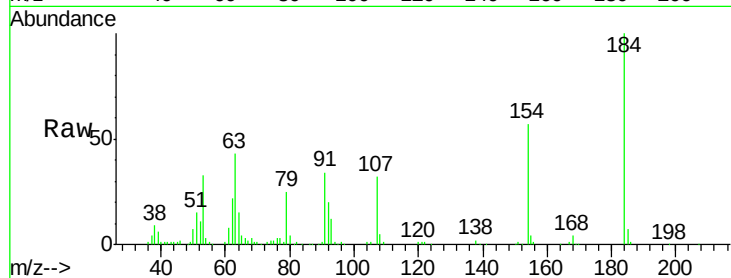
#53
2,4-Dinitrophenol
Concen: 98.262 ng
RT: 14.86 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Instrument :
BNA_G
ClientSampleId :
MW-1-20171211MSD

Tgt Ion	Ratio	Lower	Upper
184	100		
63	42.7	59.8	89.8#
154	57.3	101.8	152.8#

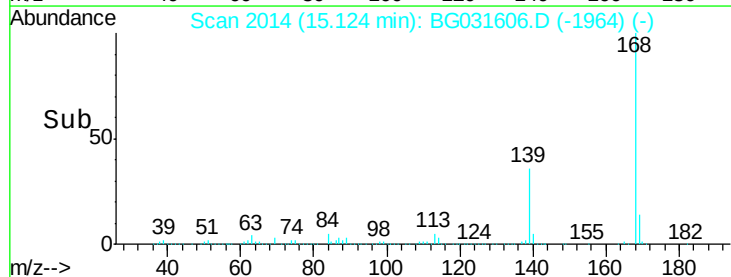
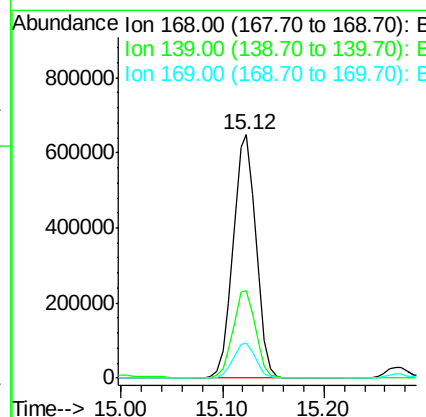
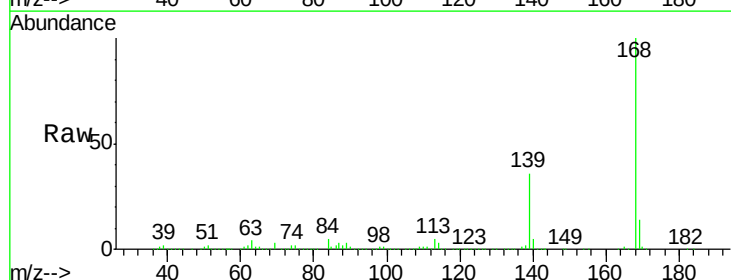
Manual Integrations
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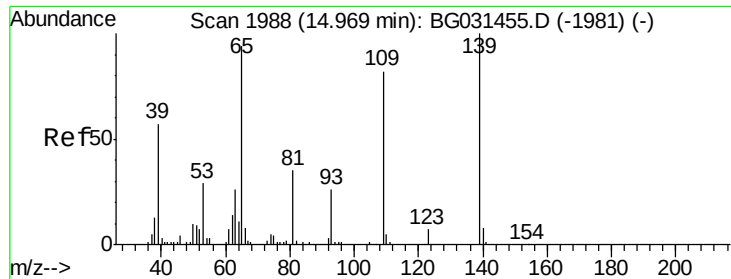
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#54
Dibenzofuran
Concen: 44.732 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.9	28.6	43.0
169	14.1	11.2	16.8





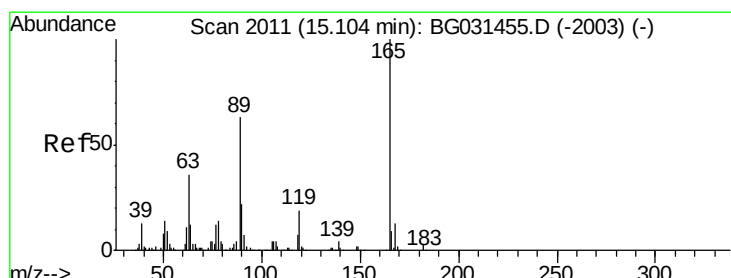
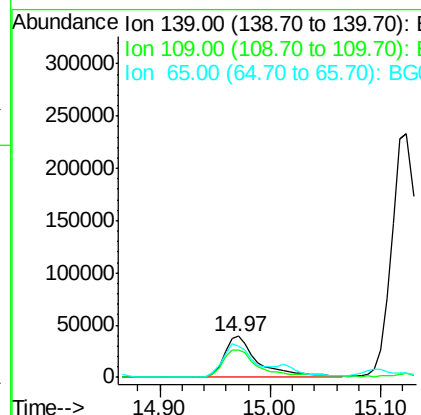
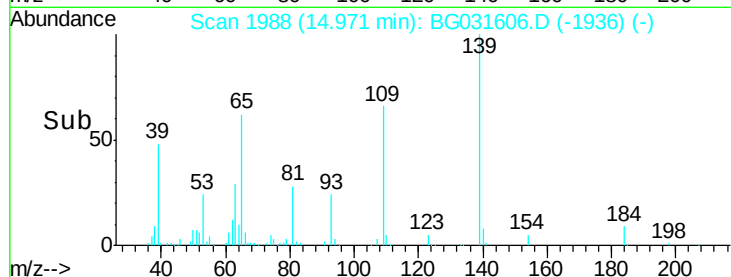
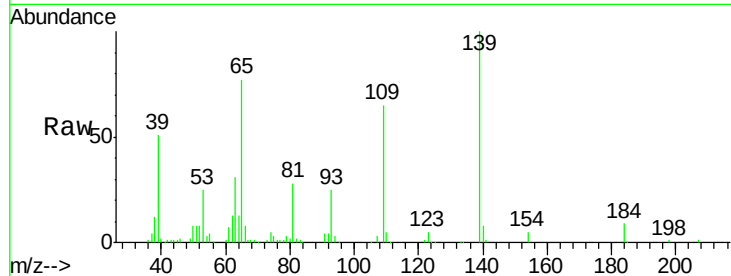
#55
4-Nitrophenol
Concen: 32.756 ng
RT: 14.97 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Instrument :
BNA_G
ClientSampleId :
MW-1-20171211MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	86249		
109	65.0	62.2	102.2	
65	77.2	97.2	137.2#	

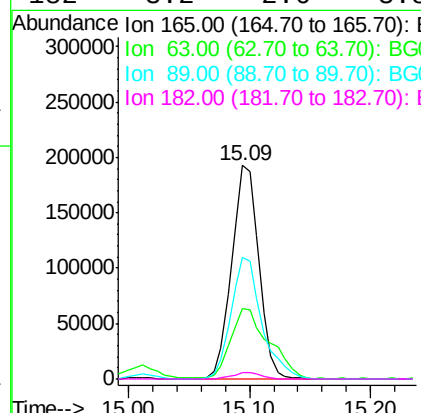
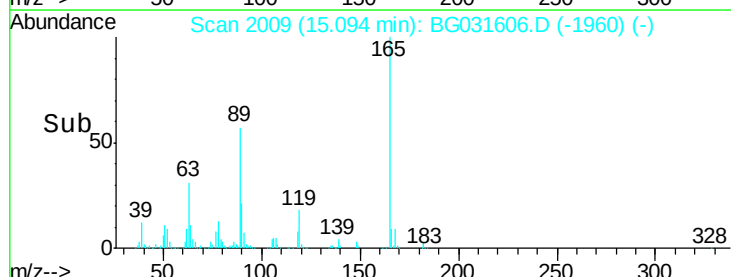
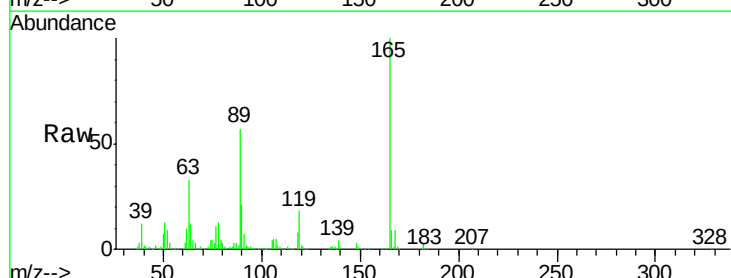
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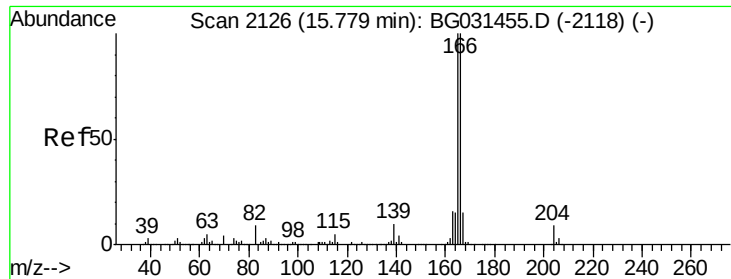
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#56
2,4-Dinitrotoluene
Concen: 51.726 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	300958		
63	33.1	42.0	63.0#	
89	57.0	66.9	100.3#	
182	3.2	2.6	3.8	





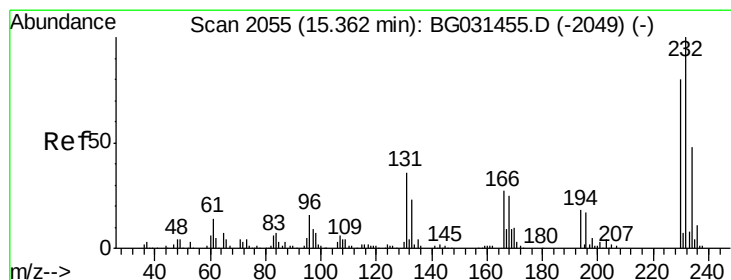
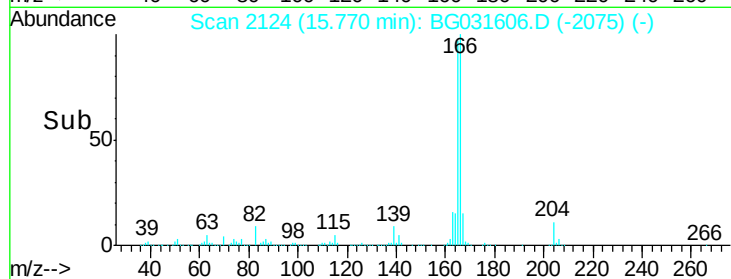
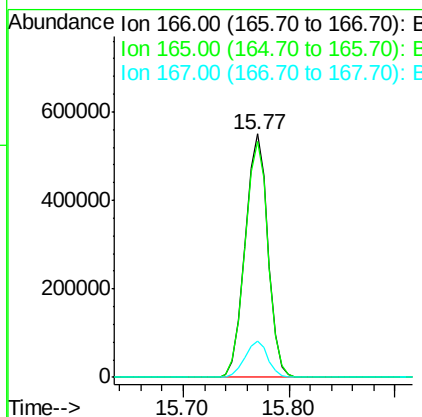
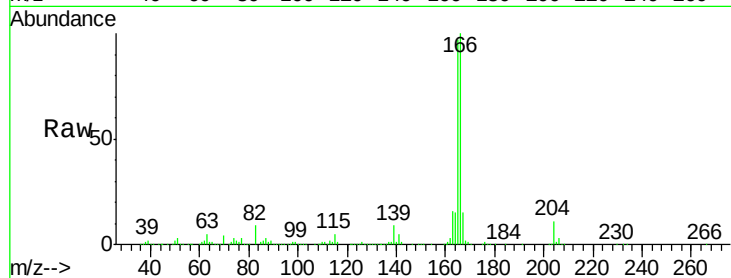
#57
 Fluorene
 Concen: 45.273 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-20171211MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	819587		
165	96.9	80.6	121.0	
167	14.9	10.4	15.6	

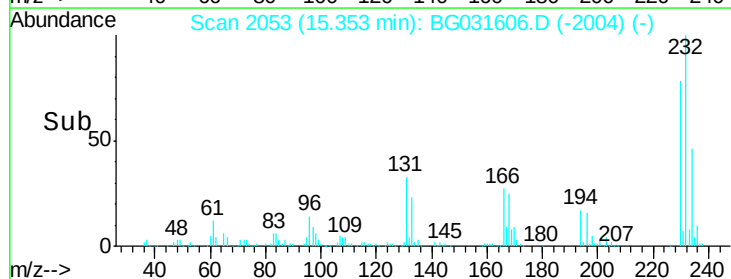
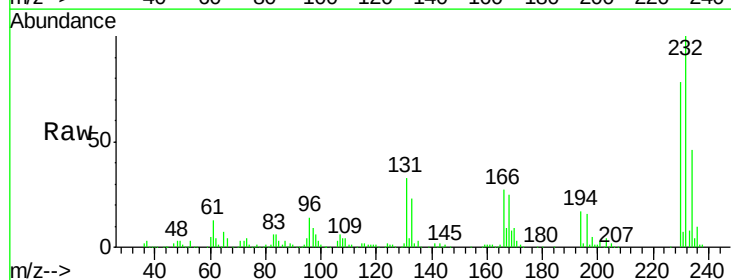
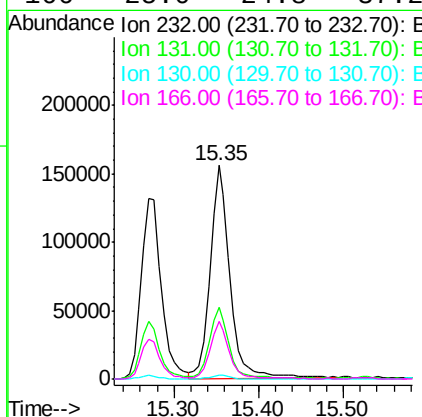
Manual Integrations
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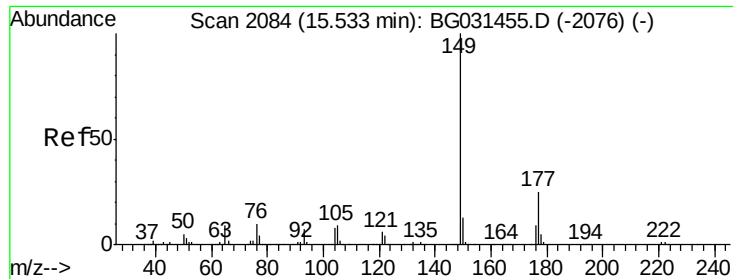
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.175 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	253550		
131	32.5	33.5	50.3#	
130	2.0	2.2	3.2#	
166	25.0	24.8	37.2	





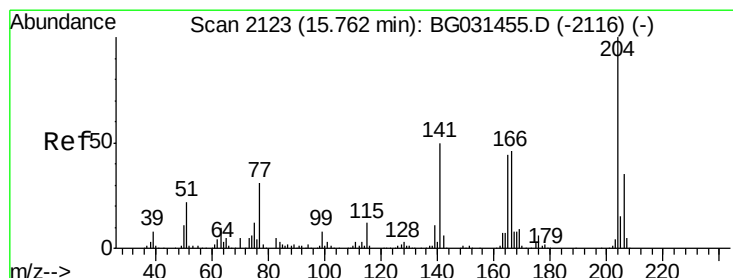
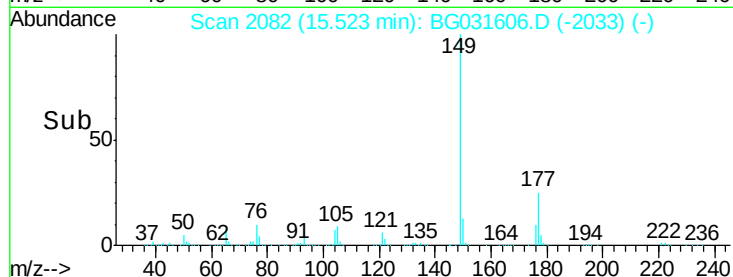
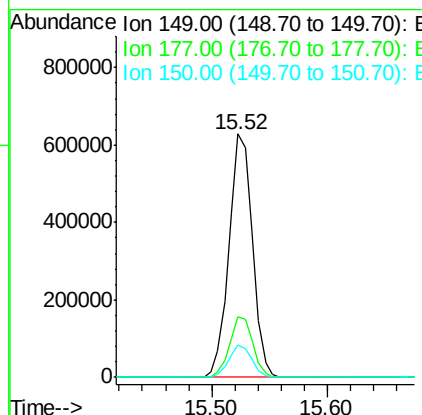
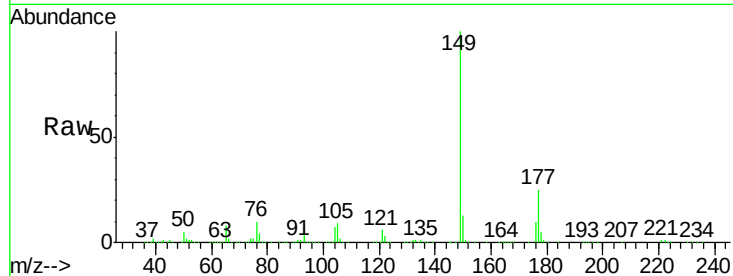
#59
Diethylphthalate
Concen: 45.877 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Instrument :
BNA_G
ClientSampleId :
MW-1-20171211MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	881304		
177	24.9	18.5	27.7	
150	13.4	10.2	15.2	

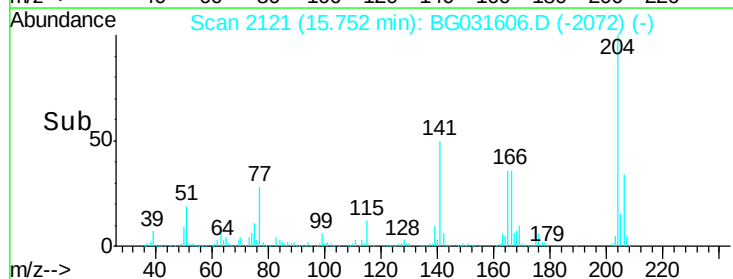
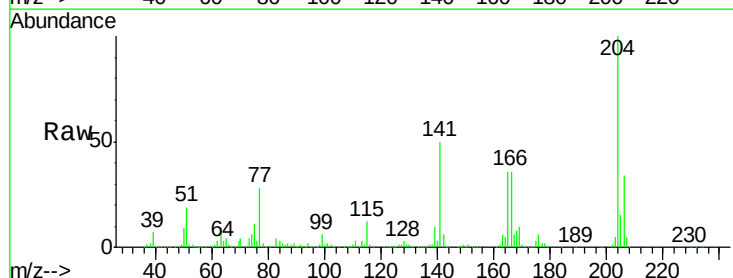
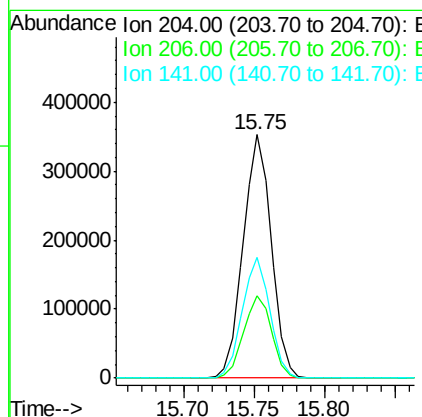
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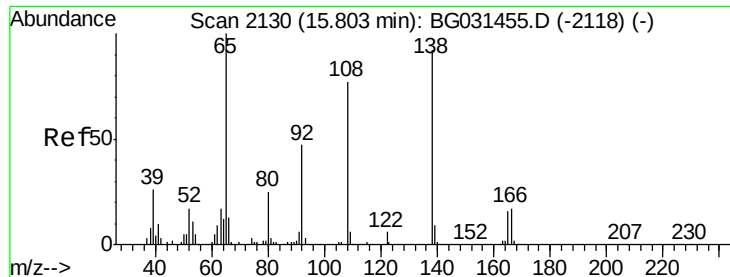
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 44.386 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	491617		
206	33.9	26.2	39.2	
141	49.6	45.8	68.6	





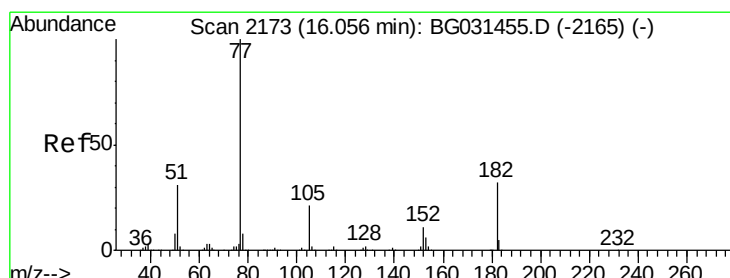
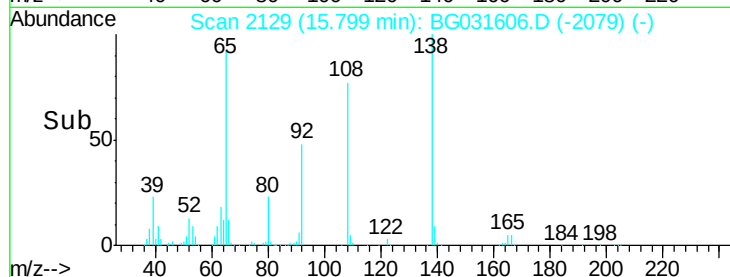
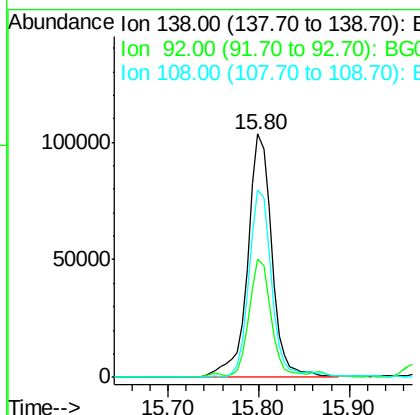
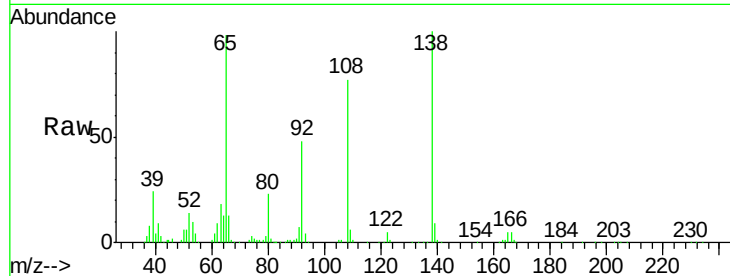
#61
4-Nitroaniline
Concen: 43.714 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Instrument :
BNA_G
ClientSampleId :
MW-1-20171211MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	191564		
92	48.3	40.1	80.1	
108	76.8	65.4	105.4	

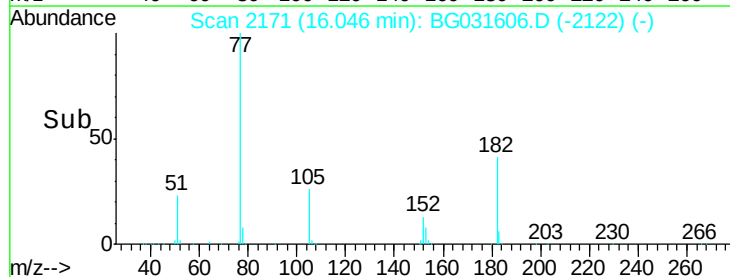
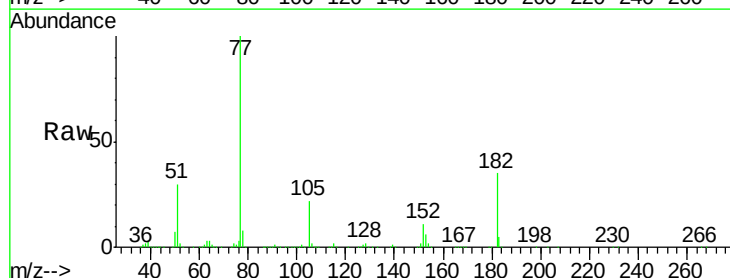
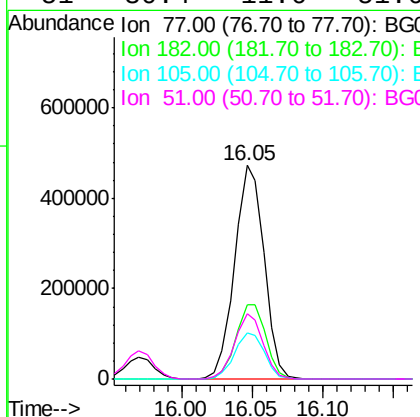
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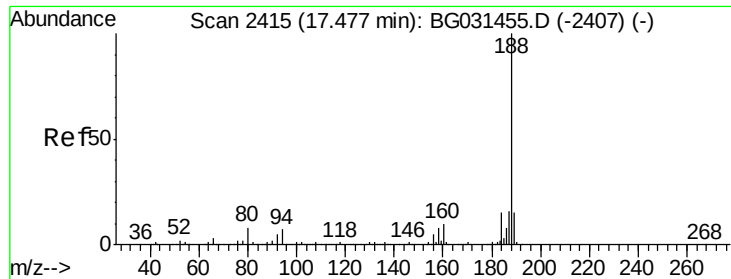
Sohil
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#62
Azobenzene
Concen: 42.893 ng
RT: 16.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	682573		
182	34.6	7.4	47.4	
105	21.6	0.3	40.3	
51	30.4	11.6	51.6	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Instrument :

BNA_G

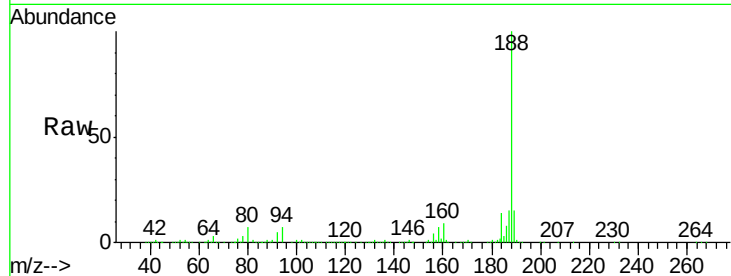
ClientSampleId :

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Tgt Ion:	188	Resp:	600963
Ion Ratio	Lower	Upper	
188	100		
94	6.8	6.9	10.3#
80	7.4	7.7	11.5#

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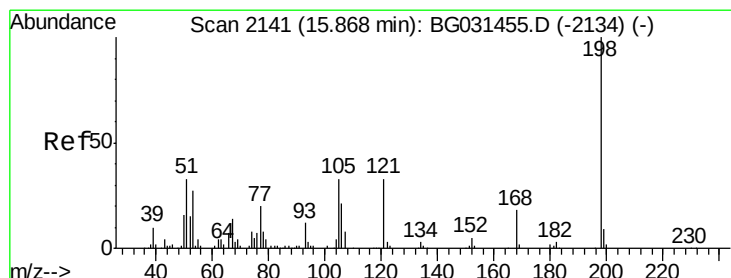
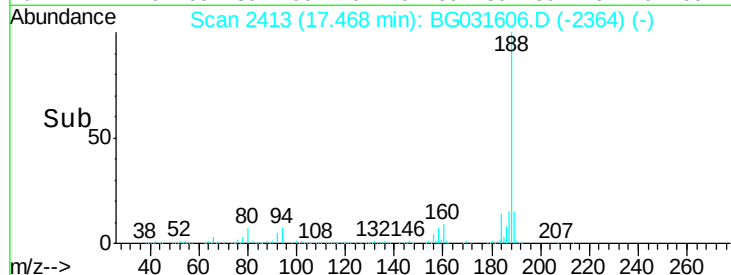
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.47

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 41.514 ng

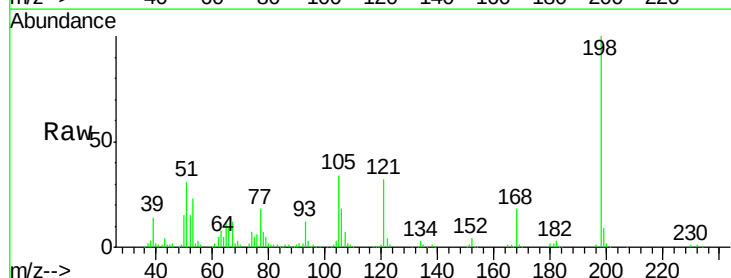
RT: 15.86 min Scan# 2140

Delta R.T. -0.00 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Tgt Ion:	198	Resp:	148318
Ion Ratio	Lower	Upper	
198	100		
51	31.4	30.6	70.6
105	34.1	23.8	63.8



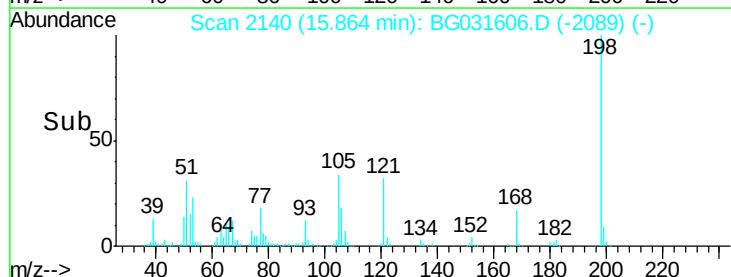
Abundance Ion 198.00 (197.70 to 198.70): E

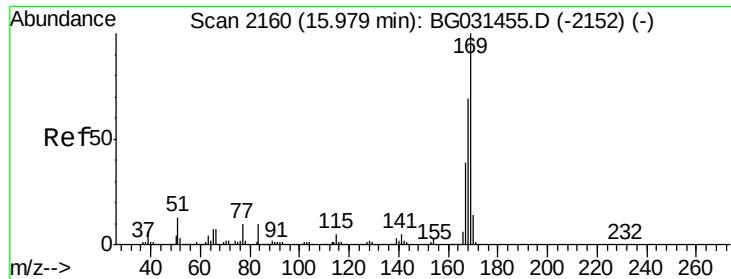
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

15.86

Time-->





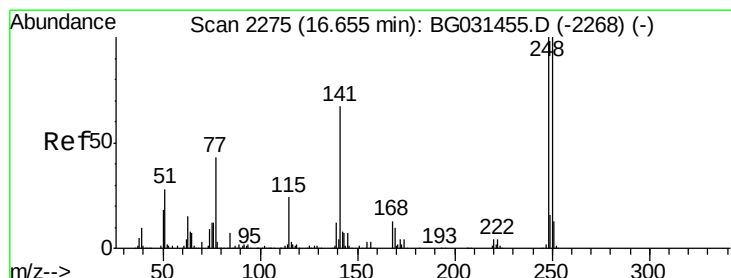
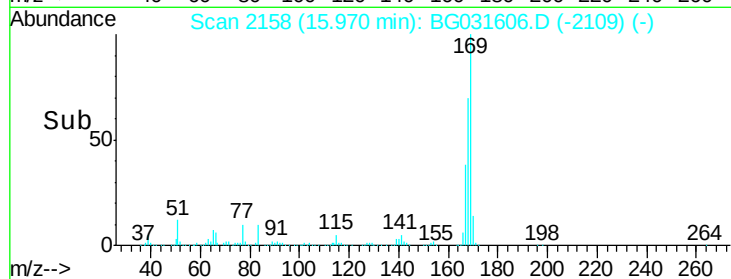
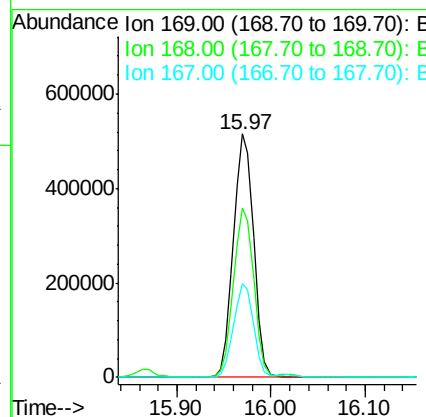
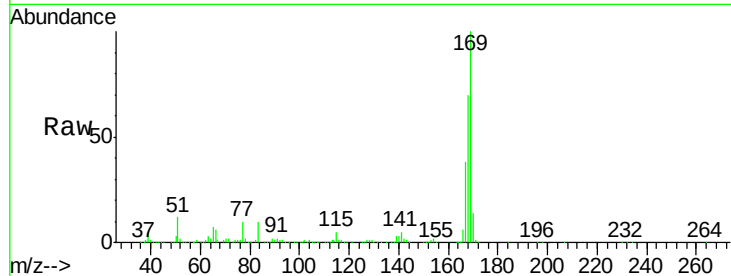
#65
 n-Nitrosodiphenylamine
 Concen: 43.865 ng
 RT: 15.97 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-20171211MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	69.8	55.7	83.5
167	38.4	30.1	45.1

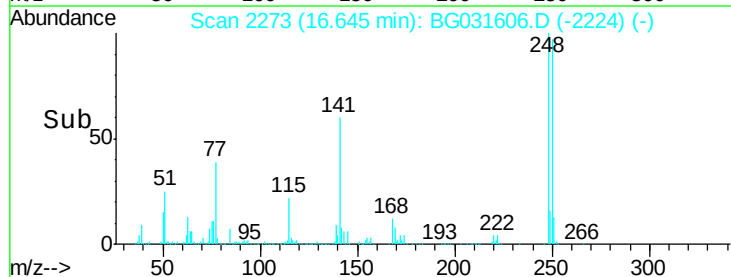
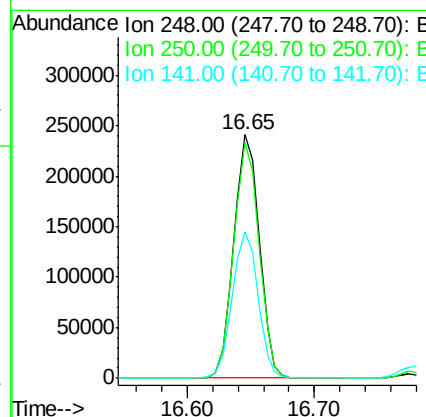
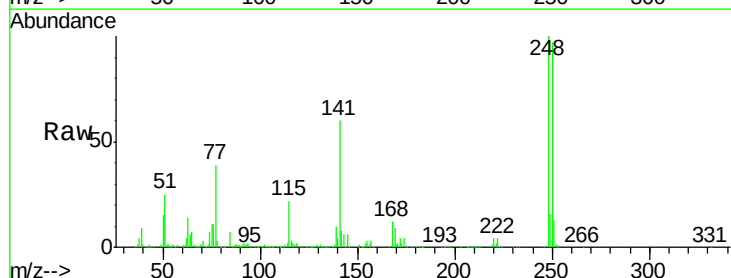
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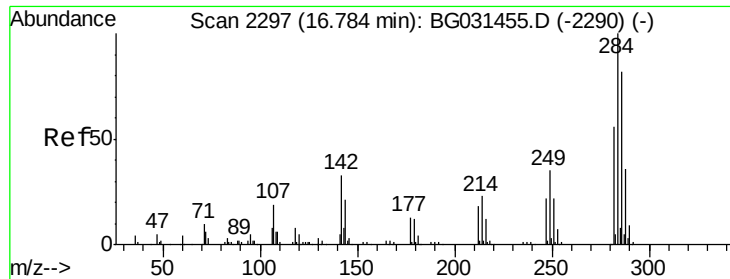
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 47.960 ng
 RT: 16.65 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	97.1	77.1	115.7
141	60.4	50.8	76.2





#67

Hexachlorobenzene

Concen: 47.377 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Instrument :

BNA_G

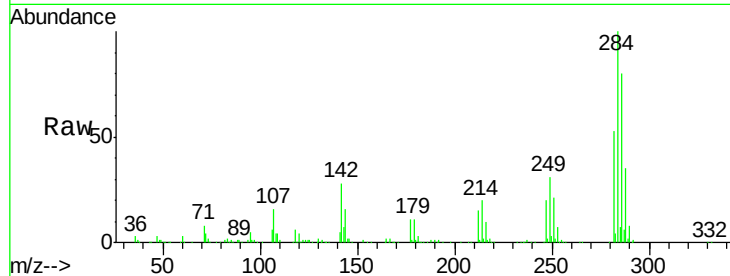
ClientSampleId :

MW-1-20171211MSD

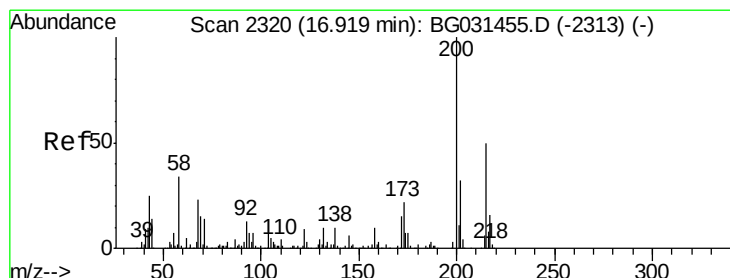
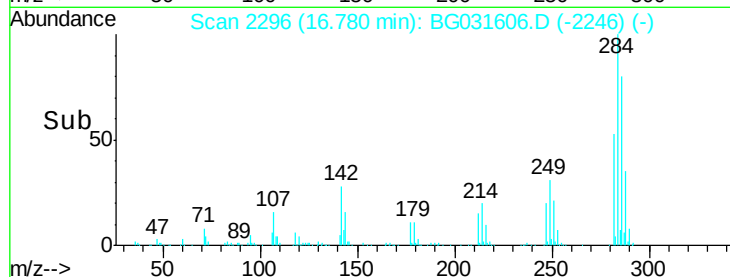
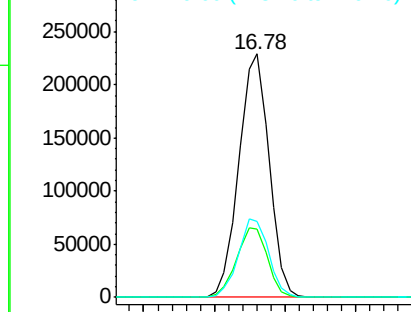
Tgt Ion:	284	Resp:	341879
Ion Ratio	Lower	Upper	
284	100		
142	27.8	26.8	40.2
249	31.4	26.3	39.5

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



#68

Atrazine

Concen: 51.951 ng

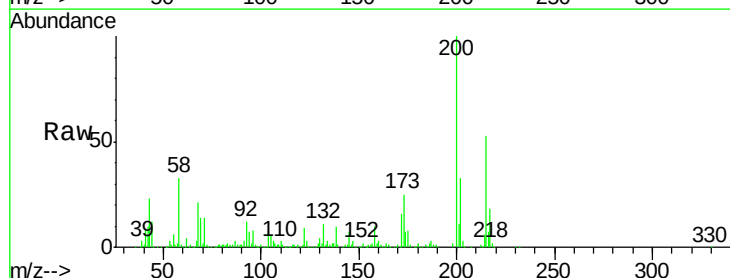
RT: 16.92 min Scan# 2319

Delta R.T. -0.00 min

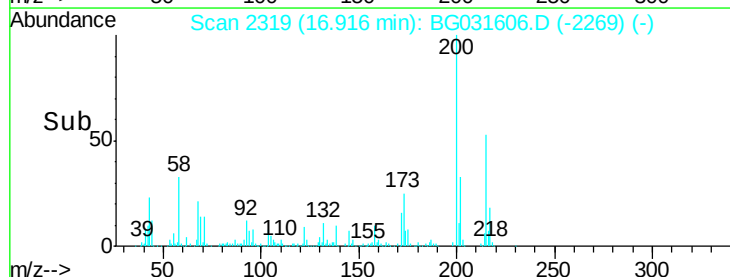
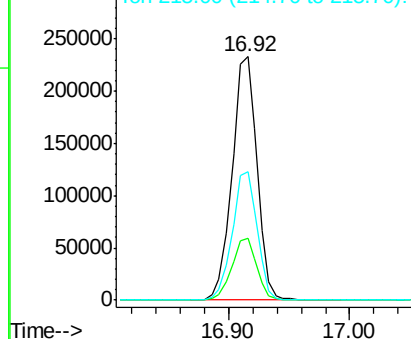
Lab File: BG031606.D

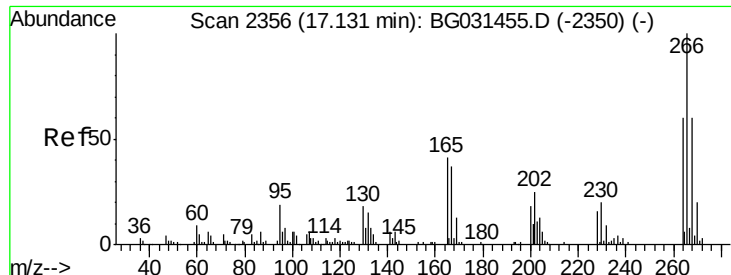
Acq: 16 Dec 2017 2:28

Tgt Ion:	200	Resp:	334143
Ion Ratio	Lower	Upper	
200	100		
173	25.3	5.2	45.2
215	52.7	30.4	70.4



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





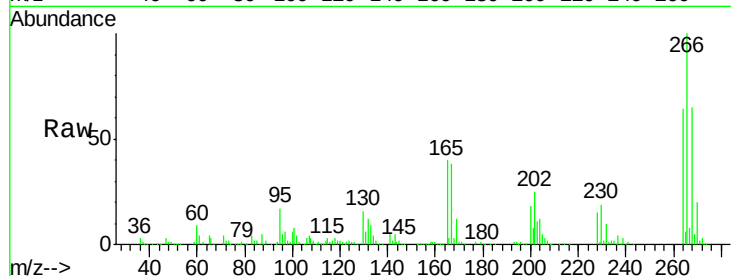
#69
 Pentachlorophenol
 Concen: 73.823 ng
 RT: 17.13 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-20171211MSD

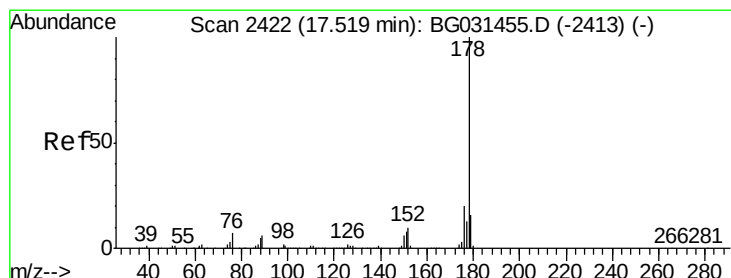
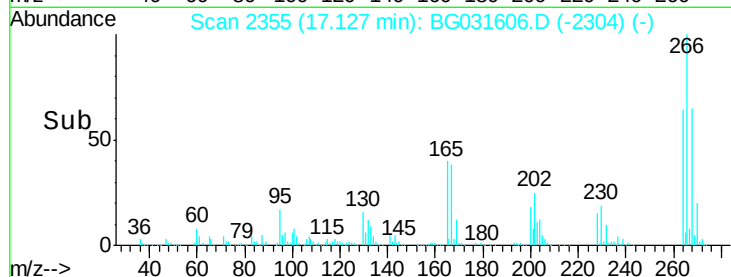
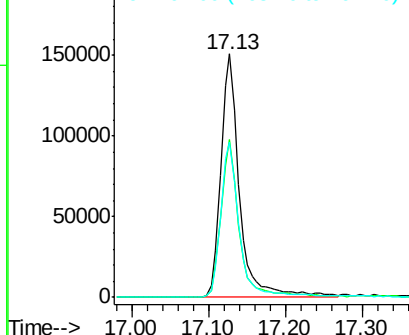
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	254436		
268	64.8	51.1	76.7	
264	64.0	49.6	74.4	

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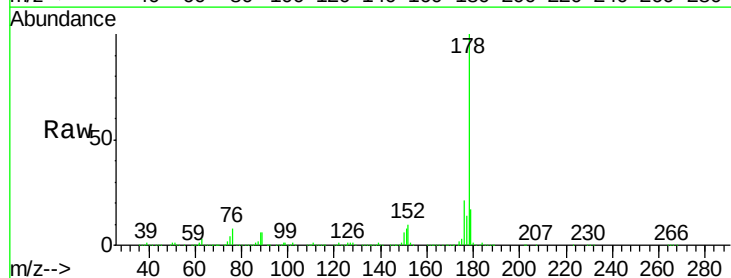


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

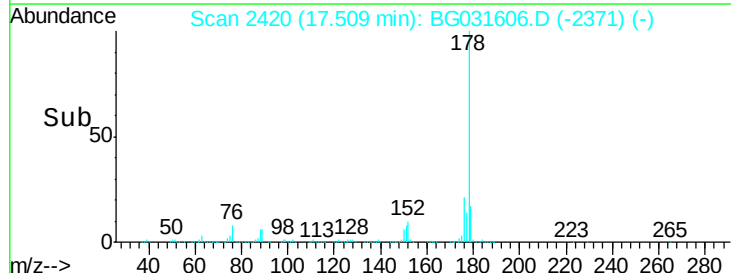
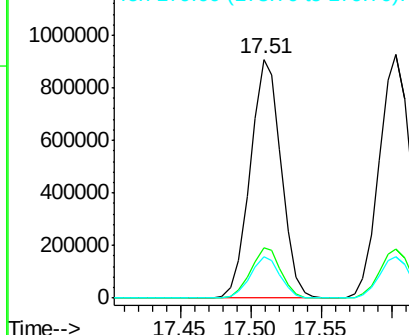


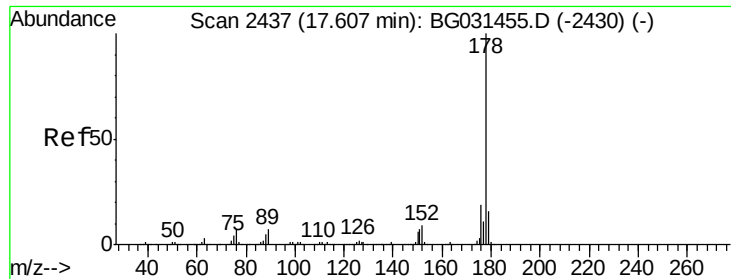
#70
 Phenanthrene
 Concen: 44.481 ng
 RT: 17.51 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1396065		
176	21.0	15.7	23.5	
179	17.2	12.5	18.7	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





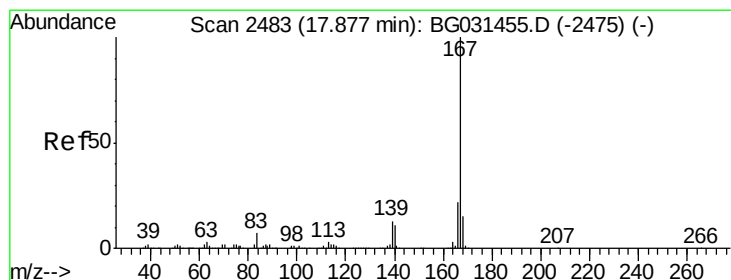
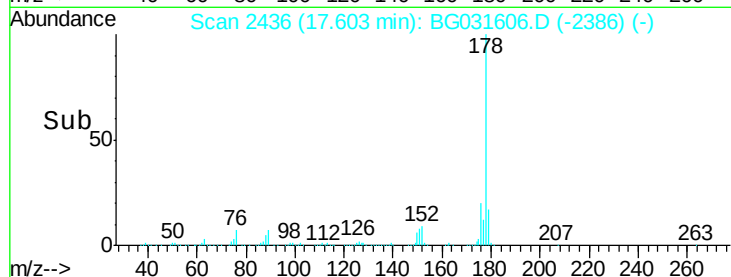
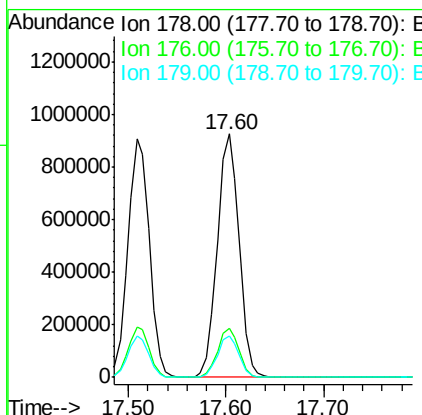
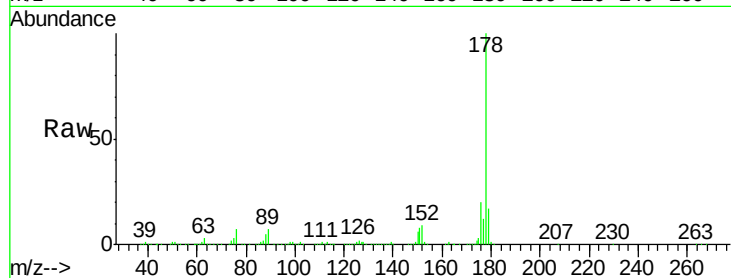
#71
 Anthracene
 Concen: 46.086 ng
 RT: 17.60 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-20171211MSD

Tgt Ion:178 Resp: 1430552
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.0 24.0
 179 17.0 12.5 18.7

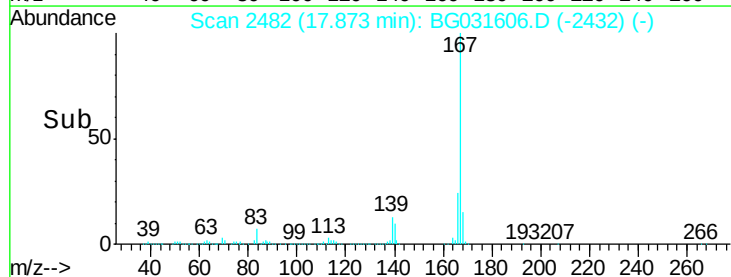
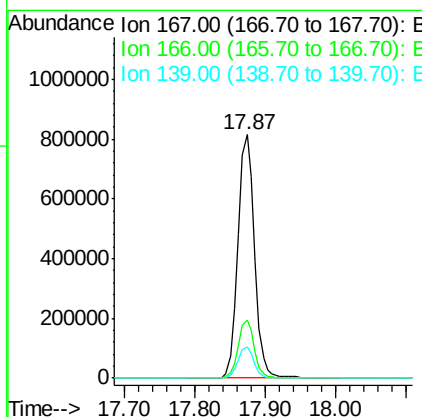
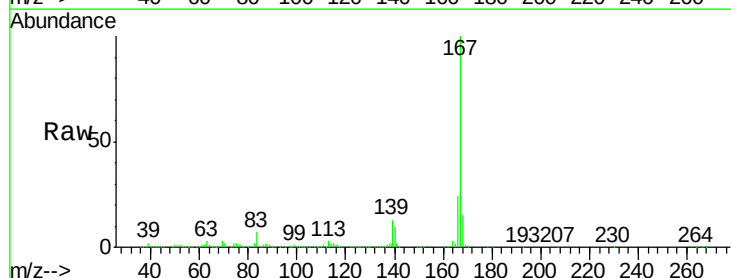
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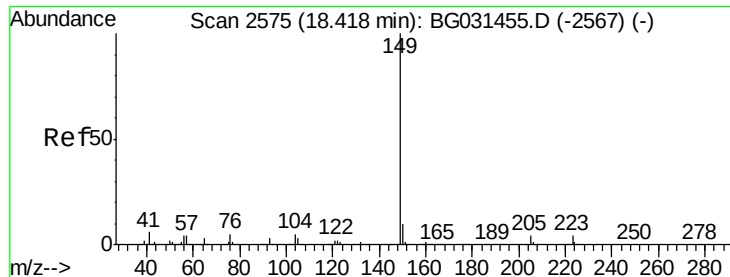
Sohil
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#72
 Carbazole
 Concen: 47.173 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Tgt Ion:167 Resp: 1325136
 Ion Ratio Lower Upper
 167 100
 166 23.8 18.2 27.4
 139 13.0 9.4 14.2





#73

Di-n-butylphthalate

Concen: 46.572 ng

RT: 18.41 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Instrument :

BNA_G

ClientSampleId :

MW-1-20171211MSD

Tgt Ion:149 Resp: 1510774

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

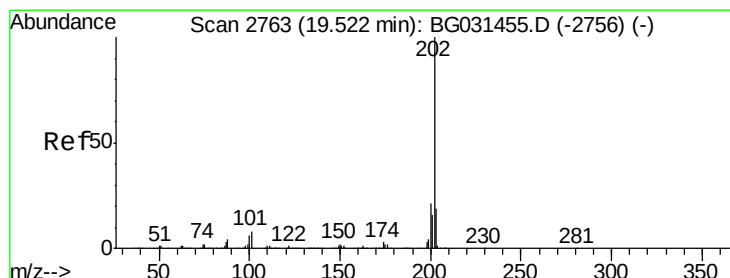
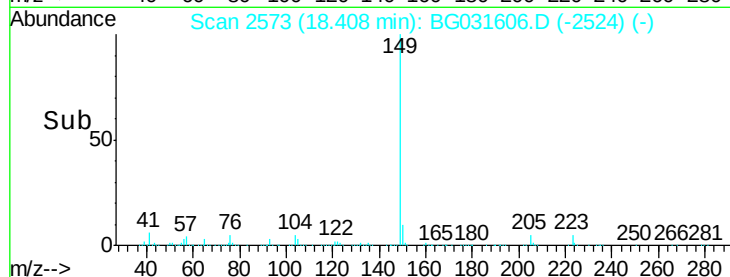
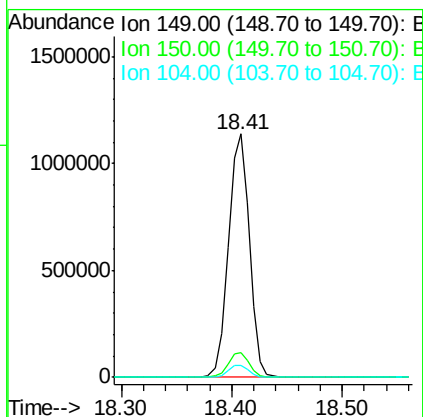
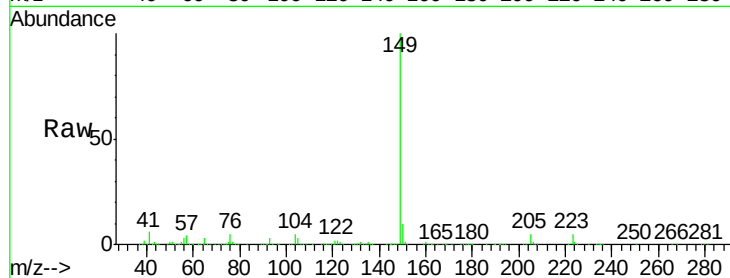
104 5.1 3.9 5.9

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#74

Fluoranthene

Concen: 45.331 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

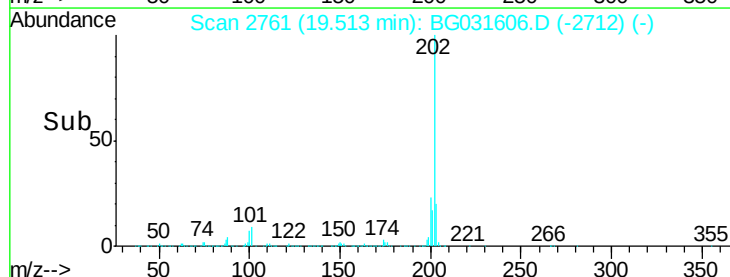
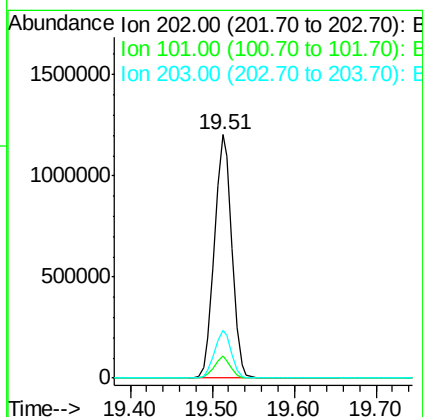
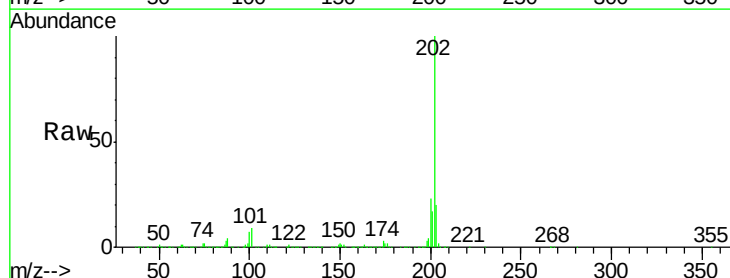
Tgt Ion:202 Resp: 1780547

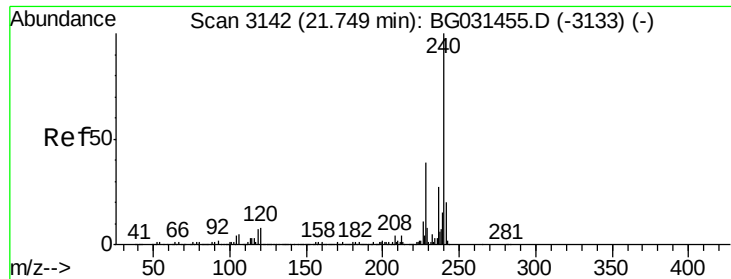
Ion Ratio Lower Upper

202 100

101 8.9 0.0 28.9

203 19.7 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Instrument :

BNA_G

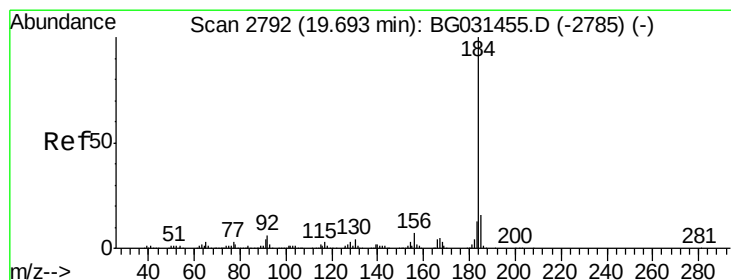
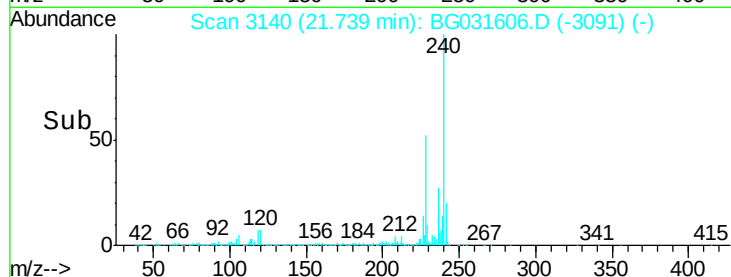
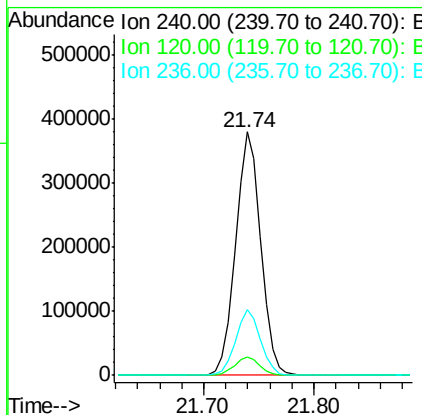
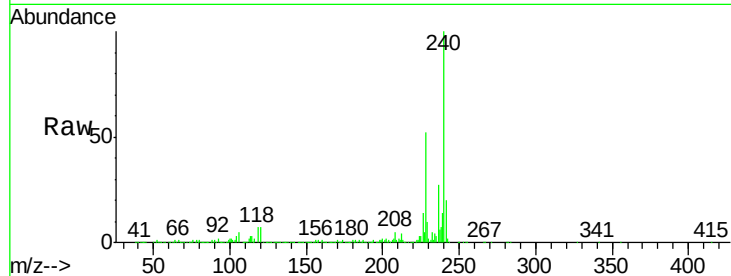
ClientSampleId :

MW-1-20171211MSD

Tgt Ion:	240	Resp:	605197
Ion Ratio	Lower	Upper	
240	100		
120	7.3	6.8	10.2
236	27.1	20.9	31.3

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#76

Benzidine

Concen: 30.980 ng

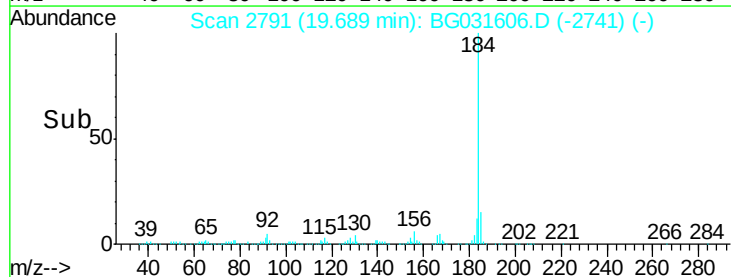
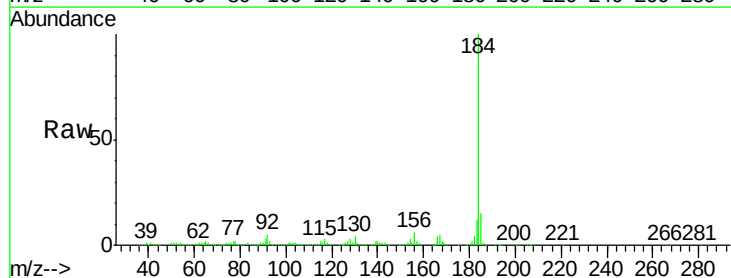
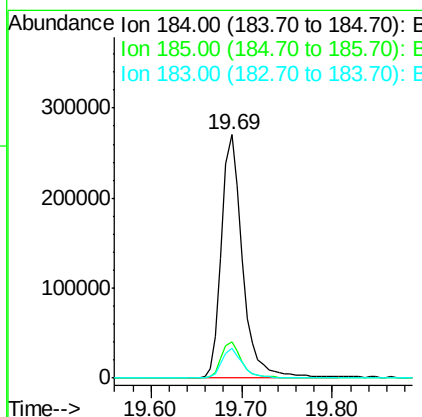
RT: 19.69 min Scan# 2791

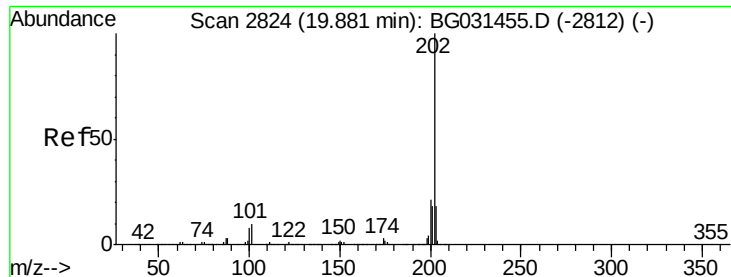
Delta R.T. -0.00 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Tgt Ion:	184	Resp:	436319
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.1	16.7
183	12.2	10.6	16.0





#77

Pyrene

Concen: 48.101 ng

RT: 19.88 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Instrument :

BNA_G

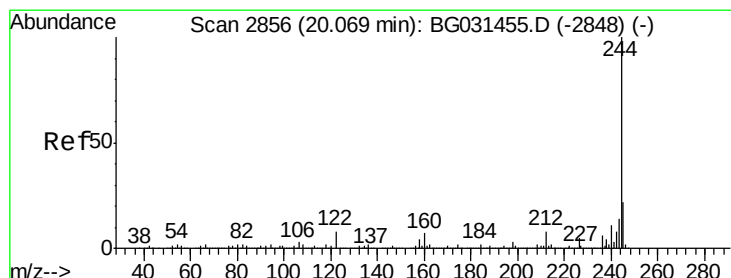
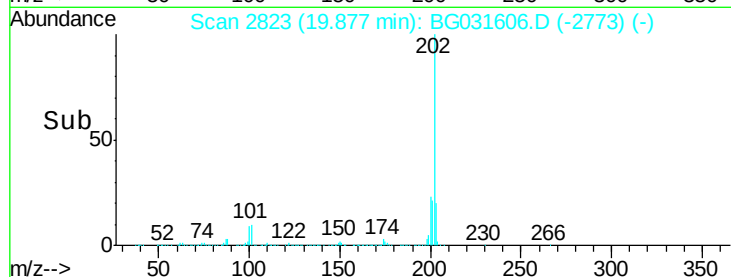
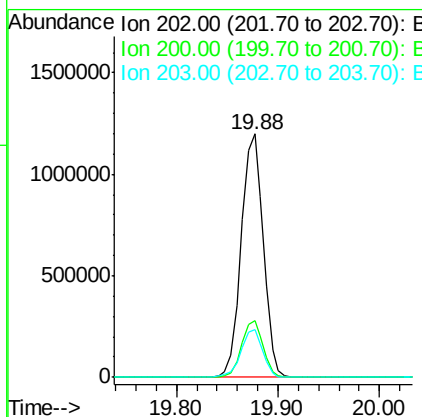
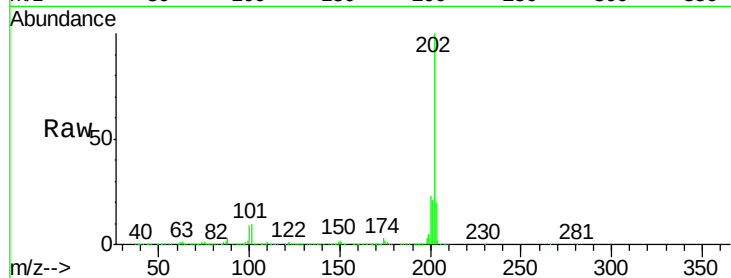
ClientSampleId :

MW-1-20171211MSD

Tgt Ion:	202	Resp:	1808829
Ion	Ratio	Lower	Upper
202	100		
200	23.2	16.9	25.3
203	19.9	13.9	20.9

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#78

Terphenyl-d14

Concen: 87.718 ng

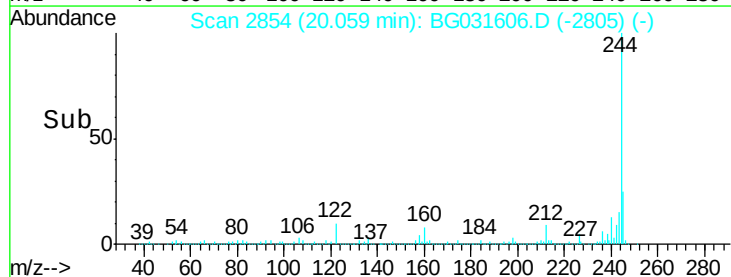
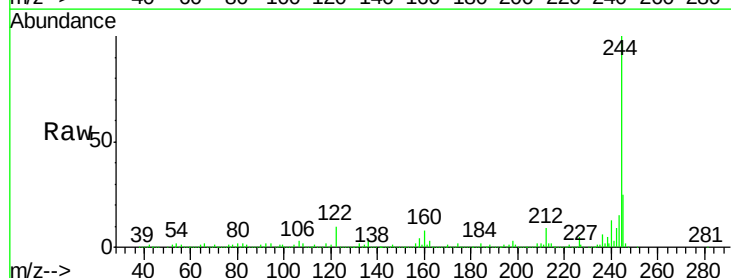
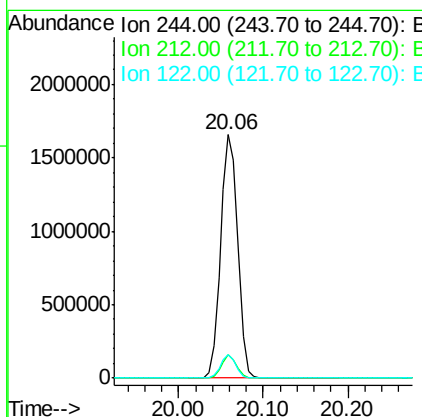
RT: 20.06 min Scan# 2854

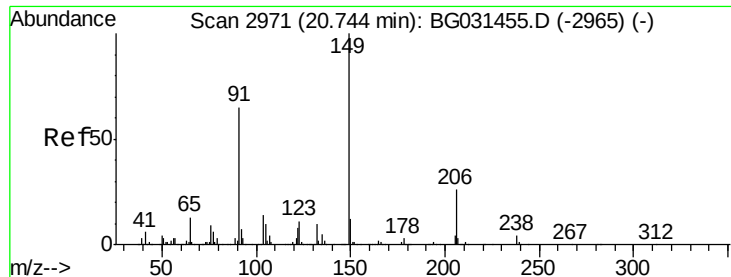
Delta R.T. -0.01 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Tgt Ion:	244	Resp:	2333318
Ion	Ratio	Lower	Upper
244	100		
212	9.5	5.8	8.8#
122	9.5	7.0	10.4





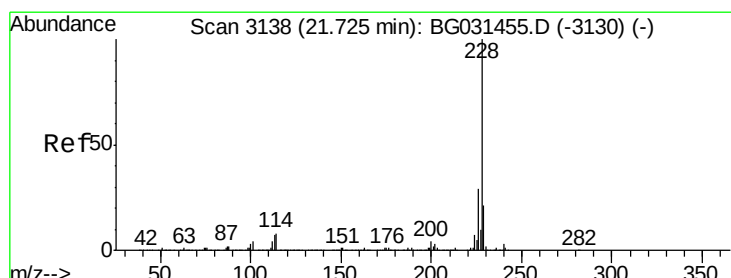
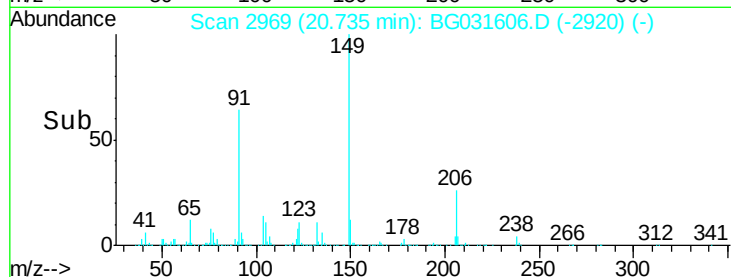
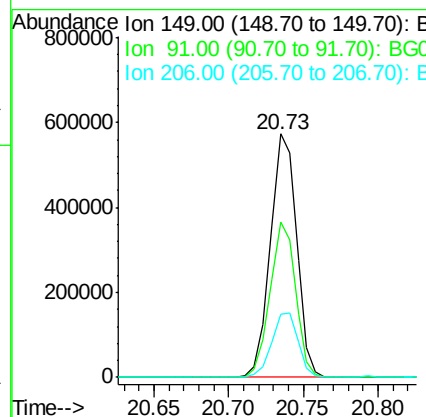
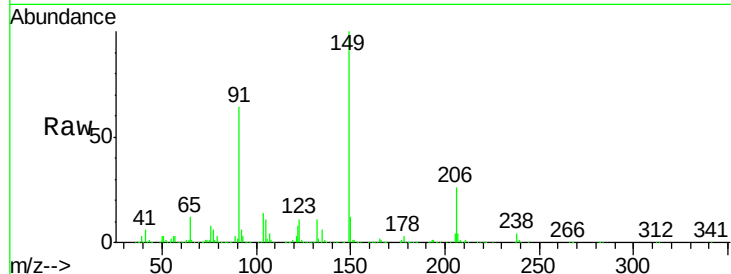
#79
Butylbenzylphthalate
Concen: 52.782 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Instrument :
BNA_G
ClientSampleId :
MW-1-20171211MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	696308		
91	63.6	62.2	93.2	
206	26.1	18.6	27.8	

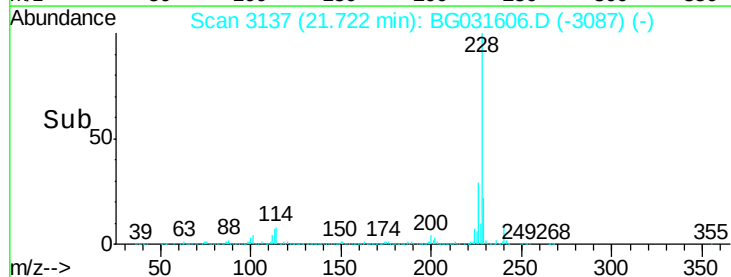
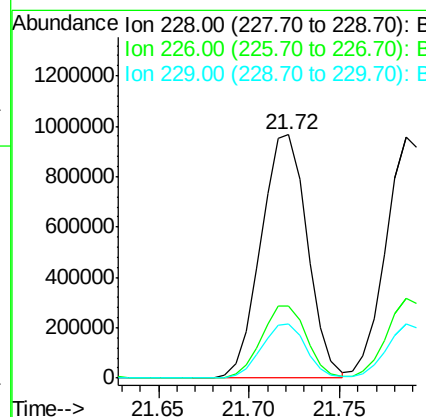
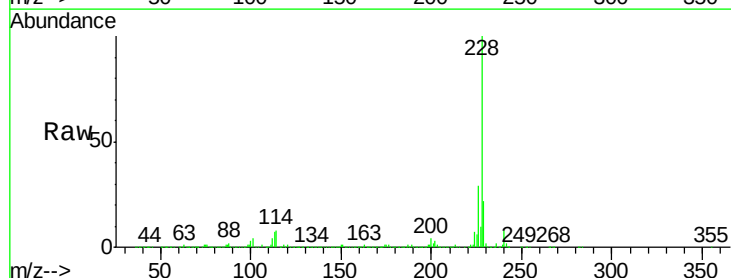
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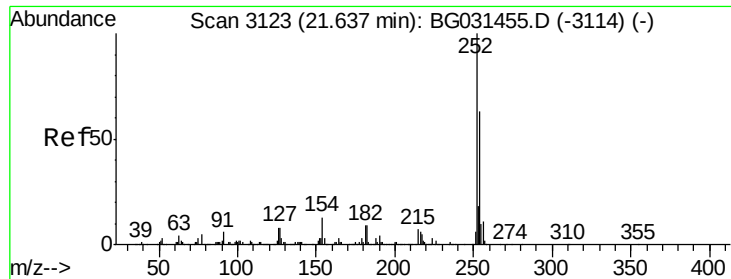
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#80
Benzo(a)anthracene
Concen: 47.036 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1718169		
226	29.4	22.7	34.1	
229	22.1	16.2	24.2	





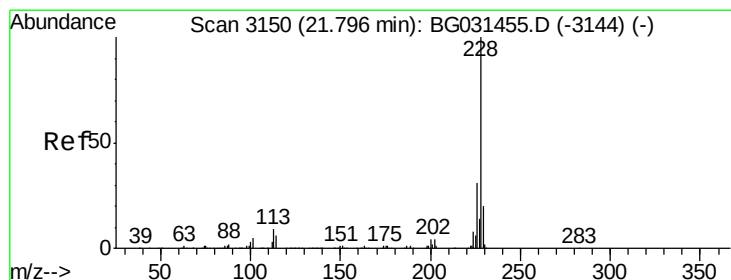
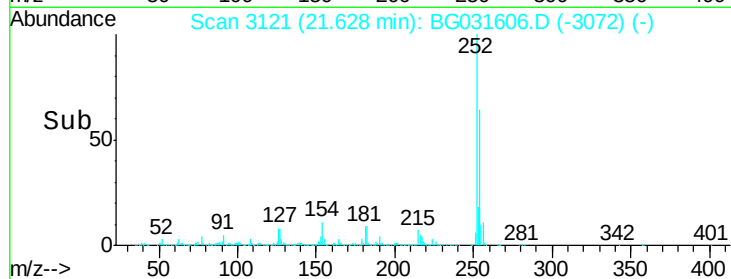
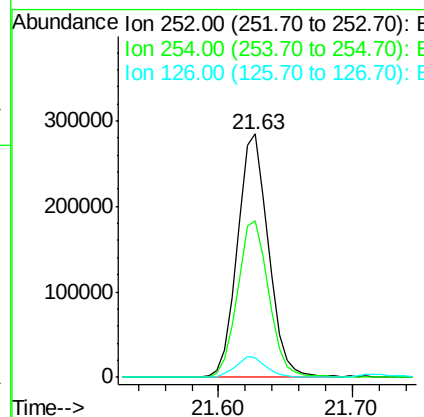
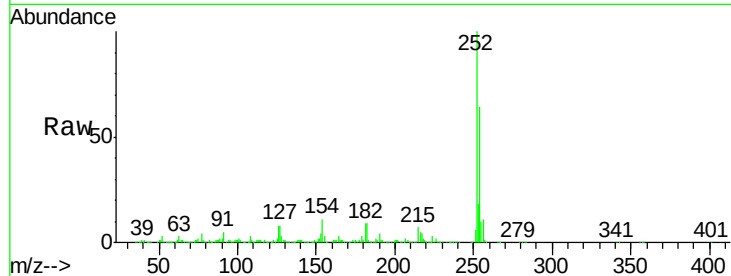
#81
 3,3'-Dichlorobenzidine
 Concen: 36.173 ng
 RT: 21.63 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-20171211MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	459885		
254	64.2	50.8	76.2	
126	7.8	7.4	11.2	

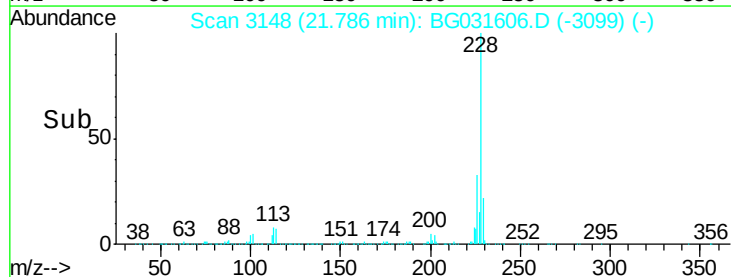
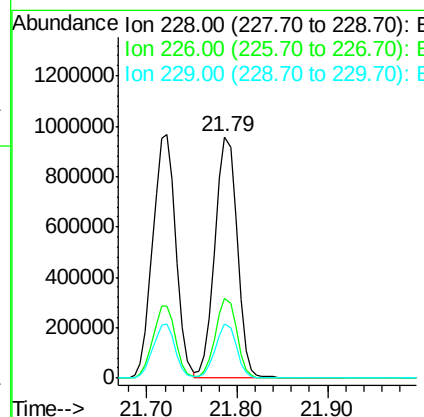
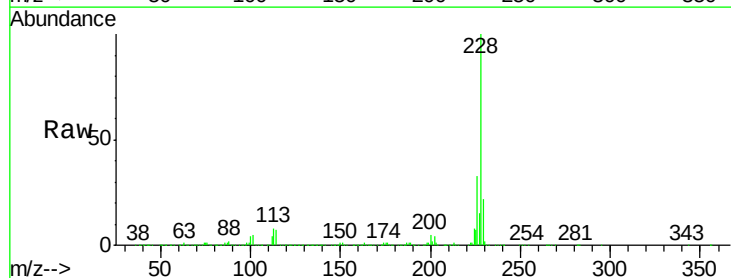
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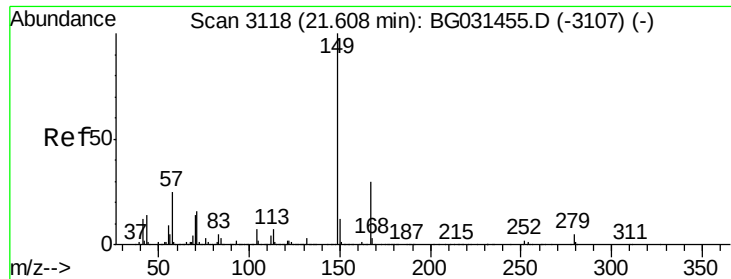
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#82
 Chrysene
 Concen: 46.921 ng m
 RT: 21.79 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1643126		
226	33.0	24.9	37.3	
229	22.5	15.0	22.4	





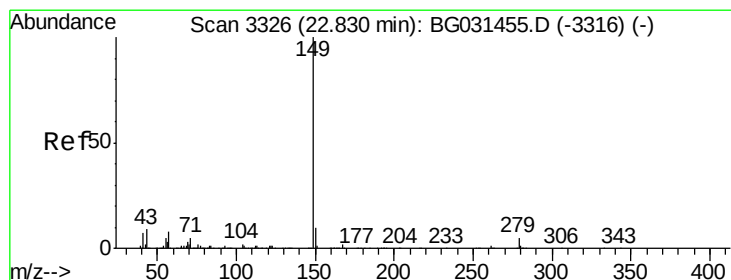
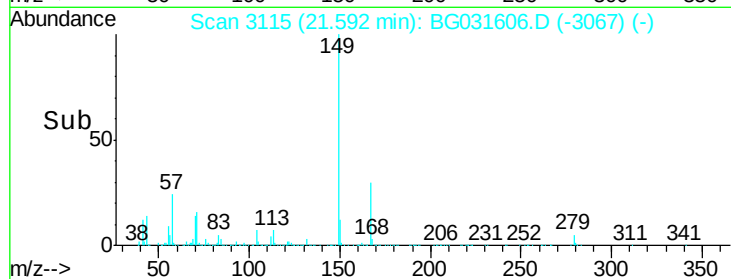
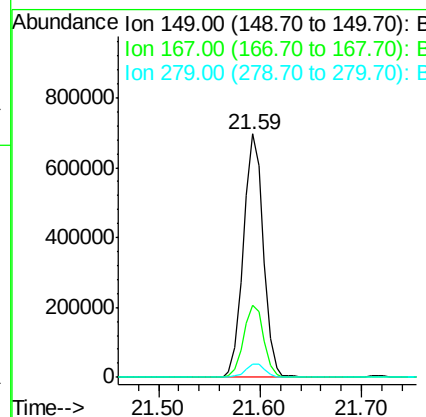
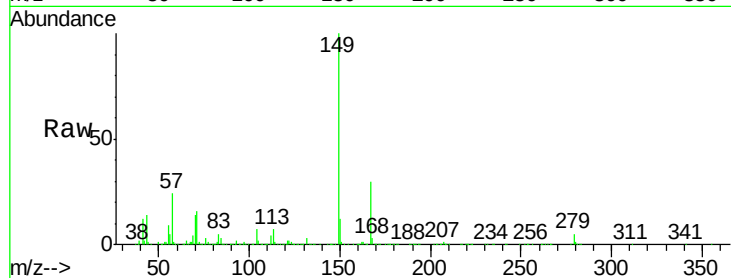
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.895 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. -0.02 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-20171211MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.3	36.5
279	5.4	4.0	6.0

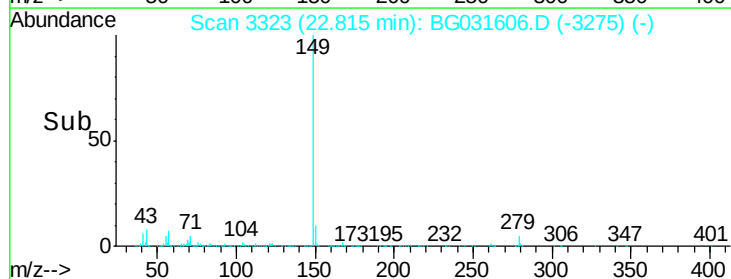
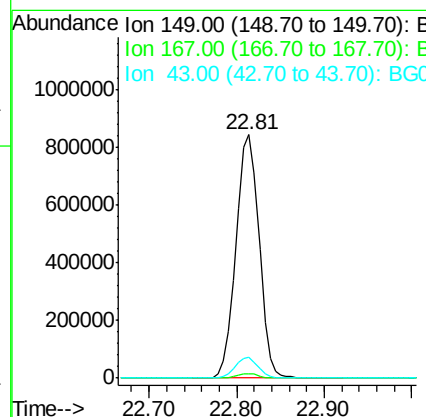
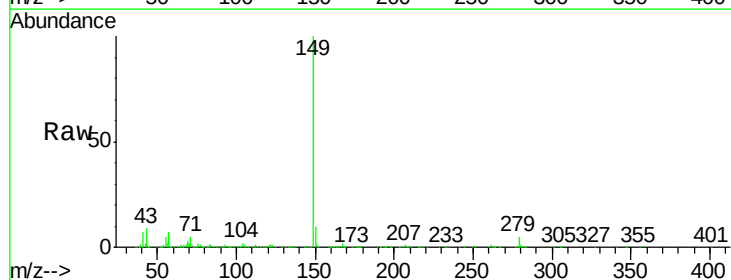
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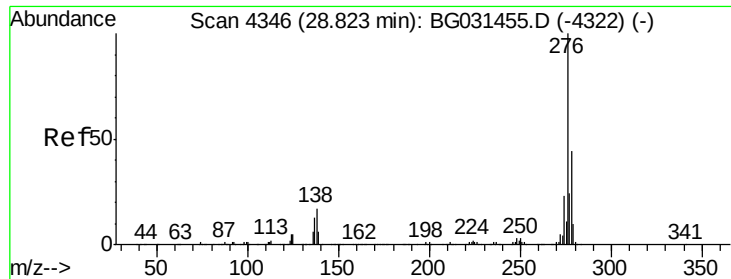
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#84
 Di-n-octyl phthalate
 Concen: 48.283 ng
 RT: 22.81 min Scan# 3323
 Delta R.T. -0.02 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	8.3	8.9	13.3





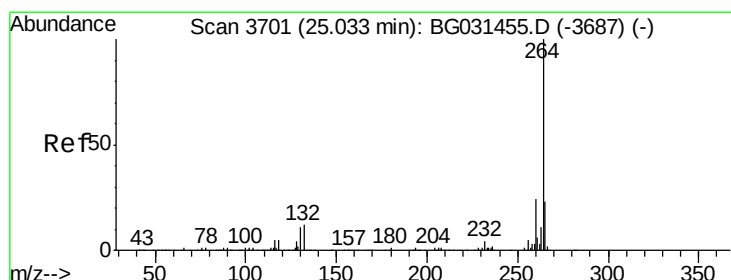
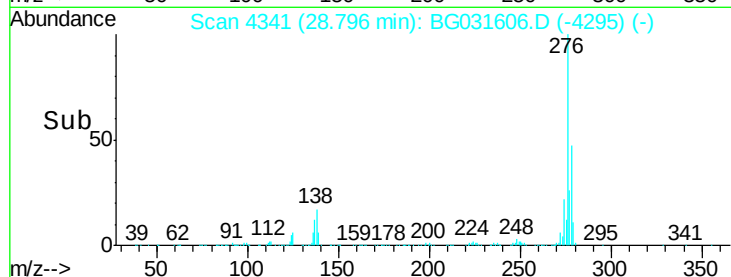
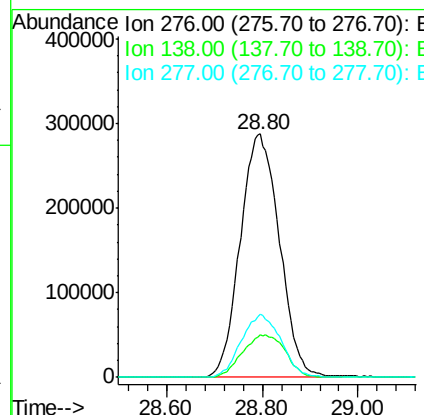
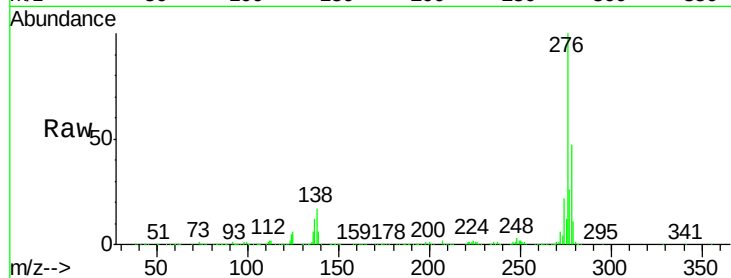
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.670 ng
 RT: 28.80 min Scan# 4341
 Delta R.T. -0.03 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-20171211MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.0	24.0
277	26.2	20.0	30.0

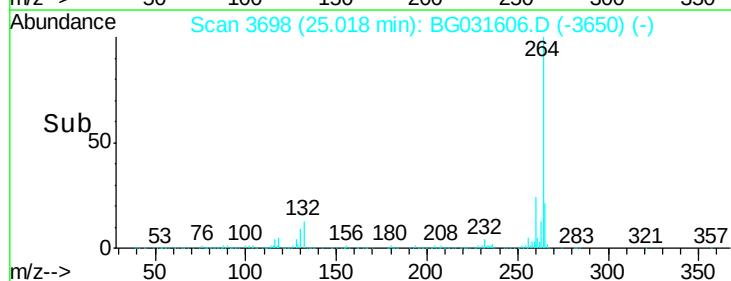
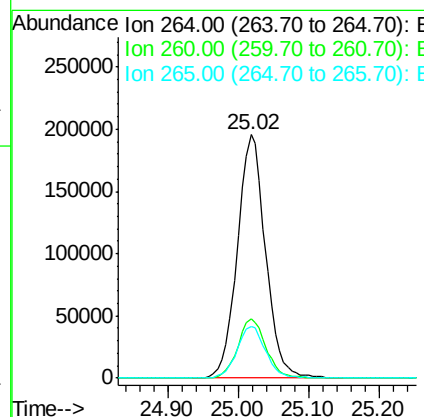
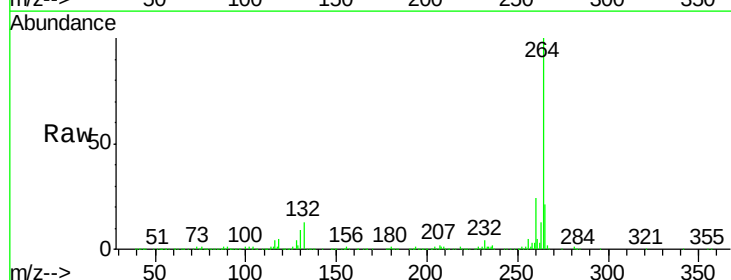
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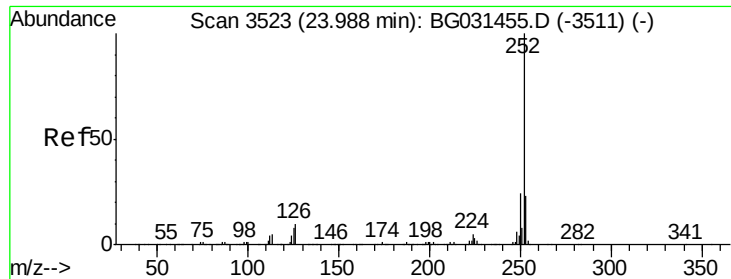
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3698
 Delta R.T. -0.02 min
 Lab File: BG031606.D
 Acq: 16 Dec 2017 2:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.4	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 48.789 ng

RT: 23.98 min Scan# 3521

Delta R.T. -0.01 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

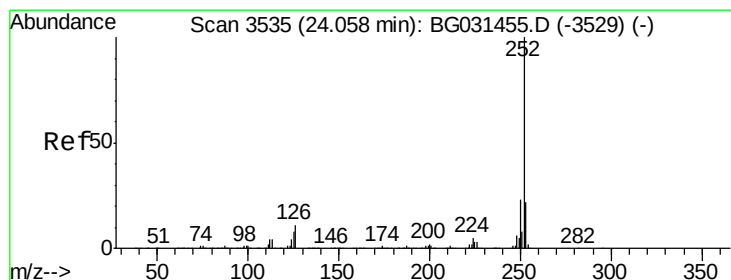
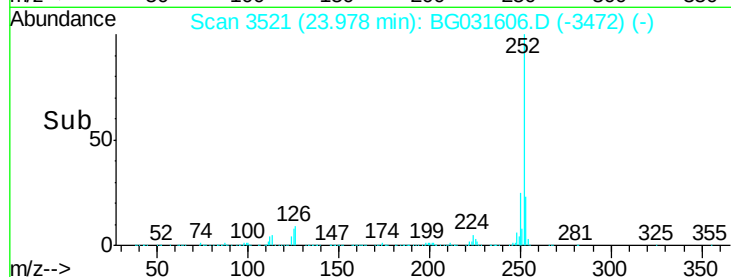
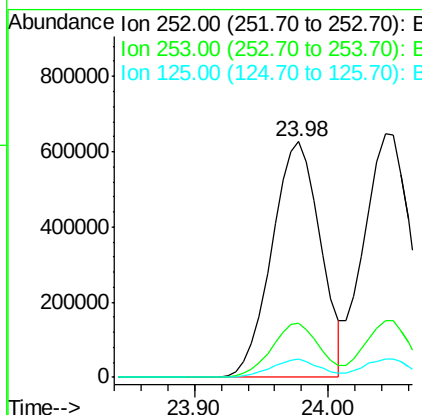
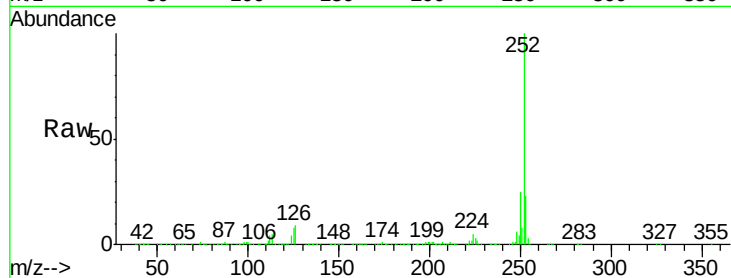
Instrument :
BNA_G
ClientSampleId :
MW-1-20171211MSD

Tgt Ion:252 Resp: 1580089

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	7.6	7.2	10.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 48.127 ng

RT: 24.04 min Scan# 3532

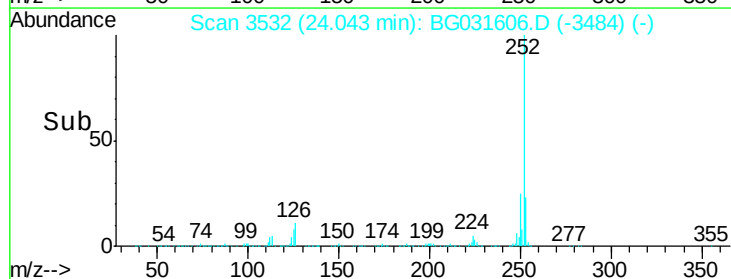
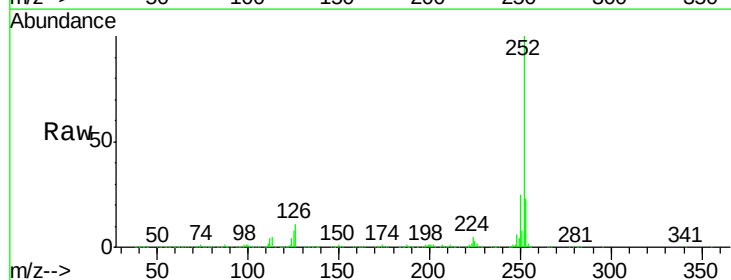
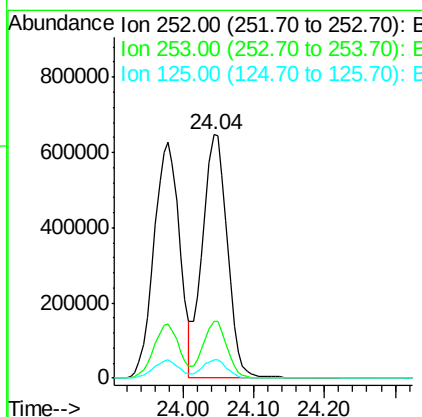
Delta R.T. -0.02 min

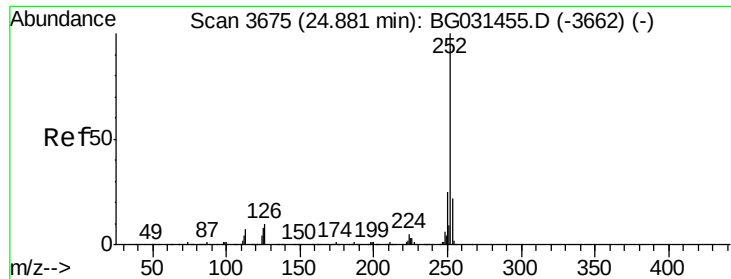
Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Tgt Ion:252 Resp: 1590635

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	7.8	6.6	9.8





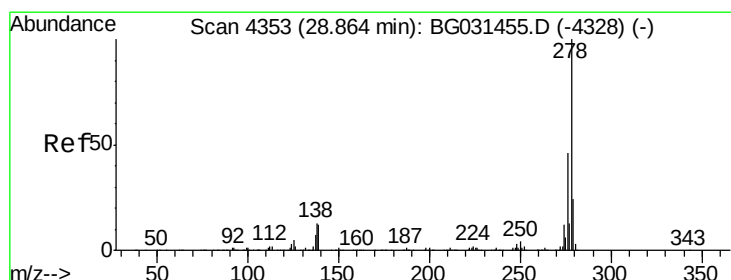
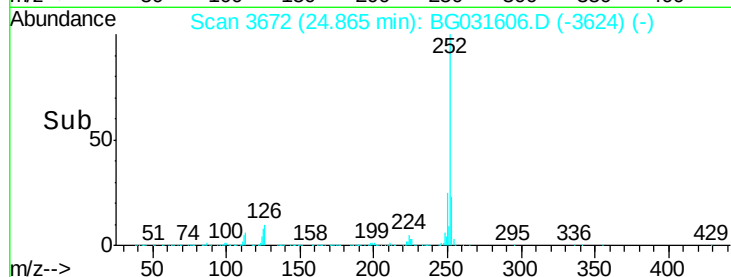
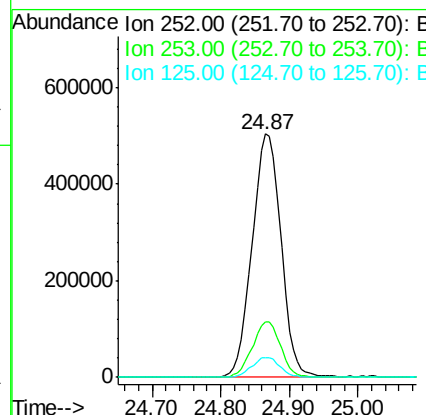
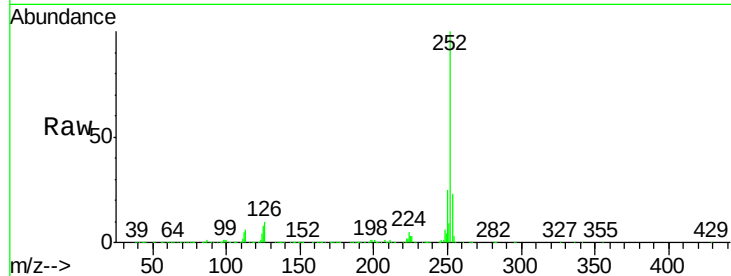
#89
Benzo(a)pyrene
Concen: 48.195 ng
RT: 24.87 min Scan# 3672
Delta R.T. -0.02 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Instrument :
BNA_G
ClientSampleId :
MW-1-20171211MSD

Tgt Ion: 252 Resp: 1480658
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 8.2 7.3 10.9

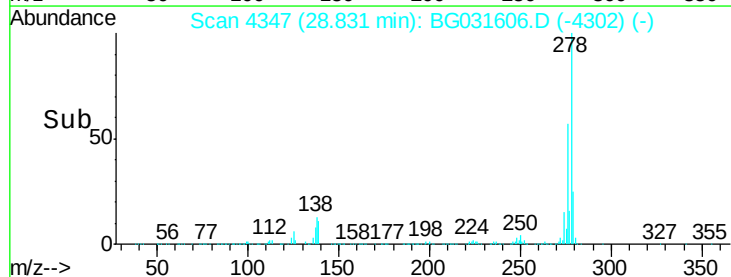
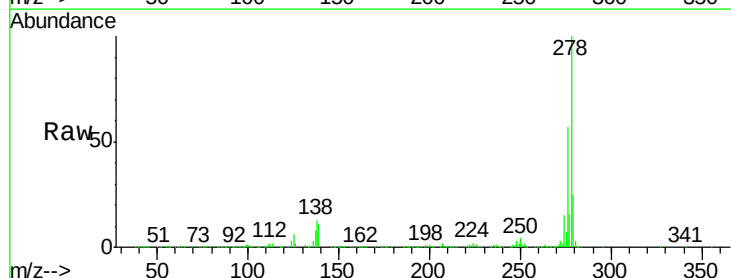
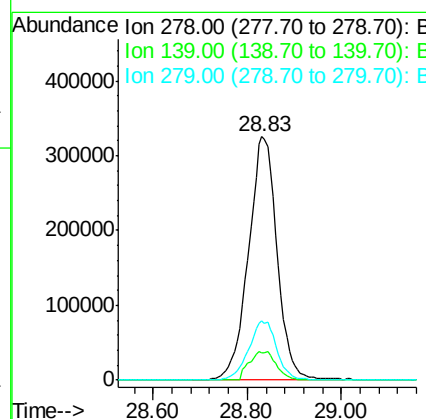
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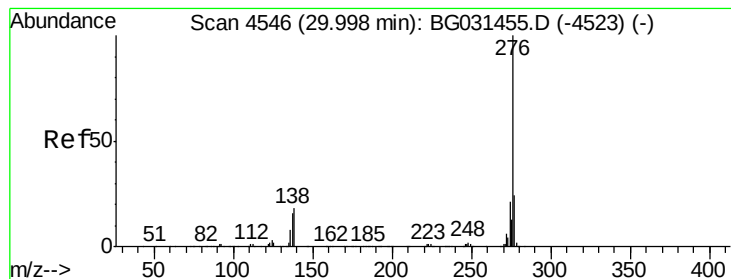
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#90
Dibenzo(a,h)anthracene
Concen: 46.871 ng
RT: 28.83 min Scan# 4347
Delta R.T. -0.03 min
Lab File: BG031606.D
Acq: 16 Dec 2017 2:28

Tgt Ion: 278 Resp: 1377037
Ion Ratio Lower Upper
278 100
139 11.0 9.8 14.6
279 24.6 18.4 27.6





#91

Benzo(g,h,i)perylene

Concen: 47.243 ng

RT: 29.98 min Scan# 4542

Delta R.T. -0.02 min

Lab File: BG031606.D

Acq: 16 Dec 2017 2:28

Instrument :

BNA_G

ClientSampleId :

MW-1-20171211MSD

Tgt Ion: 276 Resp: 1364539

Ion Ratio Lower Upper

276 100

277 24.3 18.3 27.5

138 16.3 13.9 20.9

Manual Integrations

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