

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021136.D
 Acq On : 28 Feb 2016 4:50
 Operator : UM/SJ
 Sample : H1443-01MS
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP004MS

Manual Integrations
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UMANGI
 2/29/2016 12:40:26 PM

Quant Time: Feb 29 00:50:14 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	6952	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	35905	20.00	ng	-0.01
38) Acenaphthene-d10	14.77	164	22892	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	57477	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	63423	20.00	ng	-0.02
86) Perylene-d12	25.05	264	56809	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	84623	213.11	ng	0.00
7) Phenol-d6	7.31	99	134381	227.42	ng	-0.01
23) Nitrobenzene-d5	9.33	82	92706	123.02	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	43871	146.17	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	162153	90.64	ng	-0.01
78) Terphenyl-d14	20.10	244	281845	103.85	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	9198	50.02	ng	# 86
3) Pyridine	4.01	79	28036	52.13	ng	97
4) n-Nitrosodimethylamine	3.92	42	14953	54.84	ng	98
6) Aniline	7.49	93	15422	21.10	ng	# 88
8) 2-Chlorophenol	7.73	128	30107	60.79	ng	86
9) Benzaldehyde	7.30	77	7923	24.76	ng	# 79
10) Phenol	7.34	94	44285	73.16	ng	80
11) bis(2-Chloroethyl)ether	7.58	93	29155	62.84	ng	99
12) 1,3-Dichlorobenzene	8.05	146	27362	51.91	ng	# 90
13) 1,4-Dichlorobenzene	8.20	146	28125	49.95	ng	97
14) 1,2-Dichlorobenzene	8.52	146	27371	51.34	ng	97
15) Benzyl Alcohol	8.40	79	32606	63.17	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.70	45	44164	83.02	ng	94
17) 2-Methylphenol	8.60	107	28760	67.31	ng	# 89
18) Hexachloroethane	9.25	117	11458	53.79	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	30564	67.05	ng	96
20) 3+4-Methylphenols	8.92	107	40042	67.59	ng	92
22) Acetophenone	8.99	105	48609	49.05	ng	# 95
24) Nitrobenzene	9.37	77	44215	56.79	ng	# 87
25) Isophorone	9.89	82	80788	57.20	ng	96
26) 2-Nitrophenol	10.08	139	16392	49.80	ng	# 65
27) 2,4-Dimethylphenol	10.13	122	30618	52.74	ng	91
28) bis(2-Chloroethoxy)methane	10.37	93	42536	61.80	ng	98
29) 2,4-Dichlorophenol	10.62	162	29202	51.38	ng	96
30) 1,2,4-Trichlorobenzene	10.83	180	27207	42.24	ng	98
31) Naphthalene	11.03	128	90551	49.10	ng	98
33) 4-Chloroaniline	11.13	127	10399	13.50	ng	# 88
34) Hexachlorobutadiene	11.30	225	16325	37.87	ng	97
35) Caprolactam	11.90	113	11811m	61.50	ng	
36) 4-Chloro-3-methylphenol	12.23	107	40357	57.92	ng	# 83
37) 2-Methylnaphthalene	12.61	142	67012	51.74	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	33215	39.26	ng	# 97
40) Hexachlorocyclopentadiene	12.96	237	38265	68.79	ng	95
42) 2,4,6-Trichlorophenol	13.21	196	26432	49.82	ng	99

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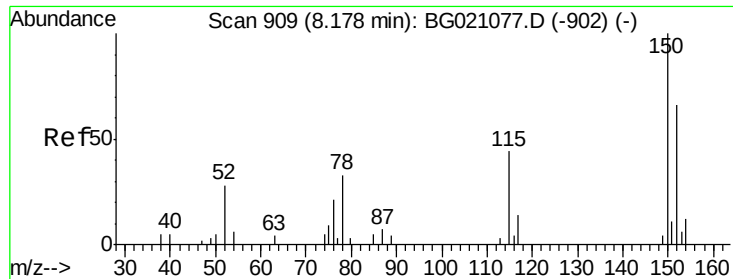
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.28	196	29015	53.23	ng	# 91
45) 1,1'-Biphenyl	13.61	154	86095	44.66	ng	96
46) 2-Chloronaphthalene	13.65	162	67753	46.32	ng	98
47) 2-Nitroaniline	13.85	65	33012	69.65	ng	# 75
48) Acenaphthylene	14.50	152	111287	48.09	ng	98
49) Dimethylphthalate	14.22	163	129368	65.57	ng	99
50) 2,6-Dinitrotoluene	14.34	165	20757	51.14	ng	# 62
51) Acenaphthene	14.84	154	75384	47.75	ng	99
52) 3-Nitroaniline	14.67	138	11142	28.21	ng	# 73
53) 2,4-Dinitrophenol	14.87	184	11340	40.07	ng	# 84
54) Dibenzofuran	15.17	168	106934	53.48	ng	93
55) 4-Nitrophenol	14.96	139	42800	122.17	ng	# 56
56) 2,4-Dinitrotoluene	15.12	165	31481	54.08	ng	# 77
57) Fluorene	15.82	166	94257	48.45	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.39	232	25586	54.01	ng	# 95
59) Diethylphthalate	15.58	149	105264	50.62	ng	99
60) 4-Chlorophenyl-phenylether	15.80	204	46227	43.20	ng	98
61) 4-Nitroaniline	15.83	138	25157	55.94	ng	# 60
62) Azobenzene	16.09	77	119879	66.54	ng	94
64) 4,6-Dinitro-2-methylphenol	15.88	198	18554	44.01	ng	95
65) n-Nitrosodiphenylamine	16.02	169	85520	50.43	ng	95
66) 4-Bromophenyl-phenylether	16.70	248	28281	41.79	ng	# 89
67) Hexachlorobenzene	16.81	284	28879	40.45	ng	# 83
68) Atrazine	16.96	200	34396	54.74	ng	95
69) Pentachlorophenol	17.15	266	40847	84.75	ng	90
70) Phenanthrene	17.55	178	161913	52.35	ng	99
71) Anthracene	17.64	178	156162	50.14	ng	98
72) Carbazole	17.91	167	150534	55.98	ng	97
73) Di-n-butylphthalate	18.45	149	196619	55.47	ng	# 98
74) Fluoranthene	19.55	202	197326	50.86	ng	99
76) Benzidine	19.72	184	34164	20.47	ng	99
77) Pyrene	19.91	202	201317	57.32	ng	98
79) Butylbenzylphthalate	20.78	149	91361	62.34	ng	89
80) Benzo(a)anthracene	21.75	228	192287	52.69	ng	98
81) 3,3'-Dichlorobenzidine	21.66	252	20368	14.26	ng	96
82) Chrysene	21.82	228	171926	48.92	ng	98
83) Bis(2-ethylhexyl)phthalate	21.64	149	133760	59.10	ng	98
84) Di-n-octyl phthalate	22.88	149	228762	60.31	ng	99
85) Indeno(1,2,3-cd)pyrene	28.80	276	195516	46.14	ng	# 100
87) Benzo(b)fluoranthene	24.01	252	184560	51.97	ng	99
88) Benzo(k)fluoranthene	24.08	252	179259	51.21	ng	97
89) Benzo(a)pyrene	24.90	252	179073	52.53	ng	95
90) Dibenzo(a,h)anthracene	28.87	278	164741	47.94	ng	98
91) Benzo(g,h,i)perylene	29.98	276	160957	48.63	ng	# 93

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



#1

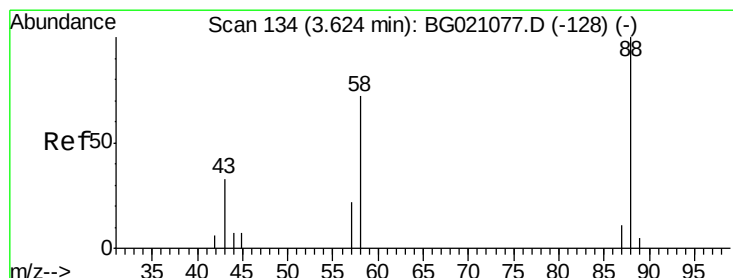
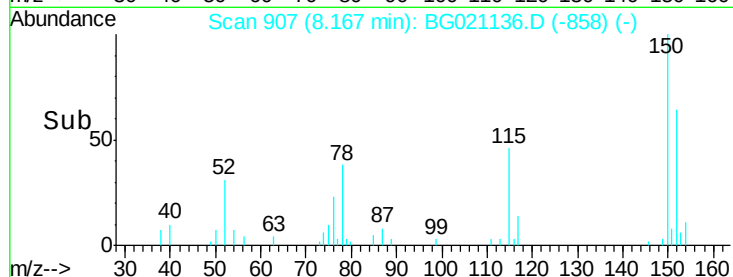
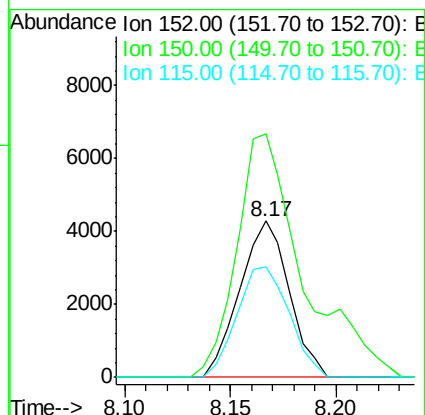
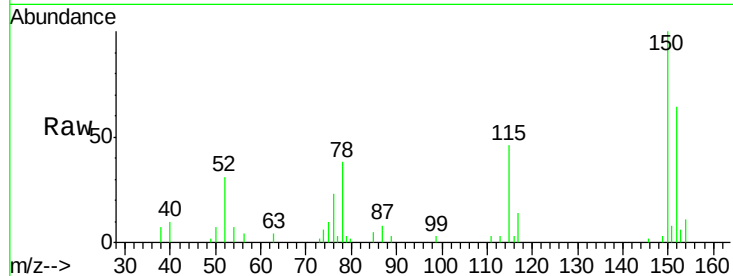
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Instrument :
BNA_G
ClientSampleId :
EP004MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.4	185.2
115	71.0	43.3	64.9

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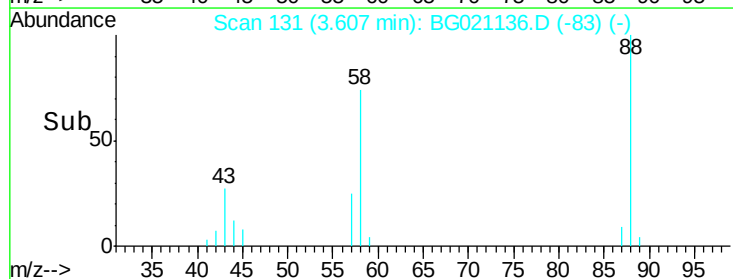
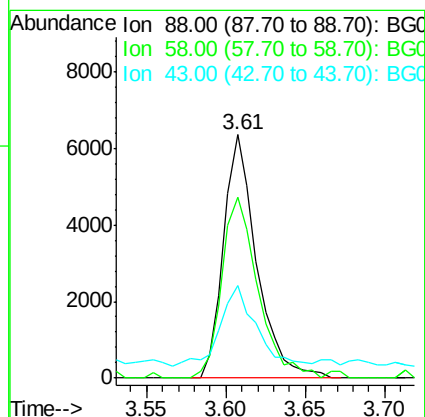
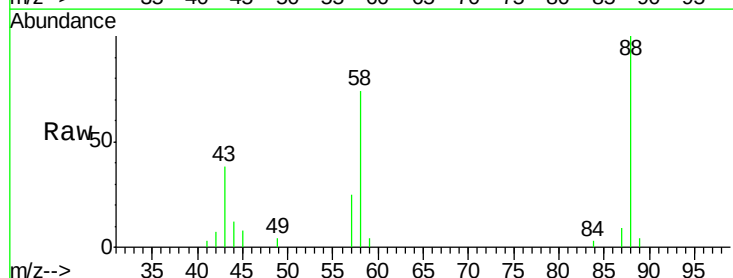
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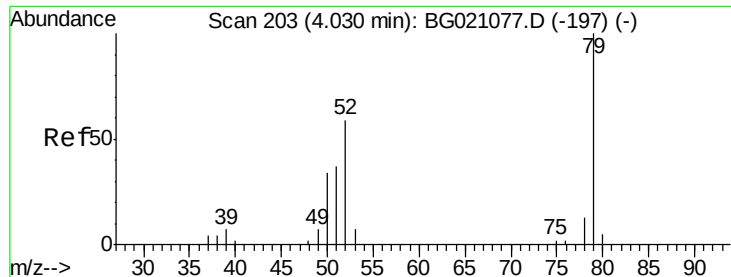


#2

1,4-Dioxane
Concen: 50.02 ng
RT: 3.61 min Scan# 131
Delta R.T. -0.02 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.5	55.9	83.9
43	35.8	22.5	33.7





#3

Pyridine

Concen: 52.13 ng

RT: 4.01 min Scan# 199

Delta R.T. -0.02 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

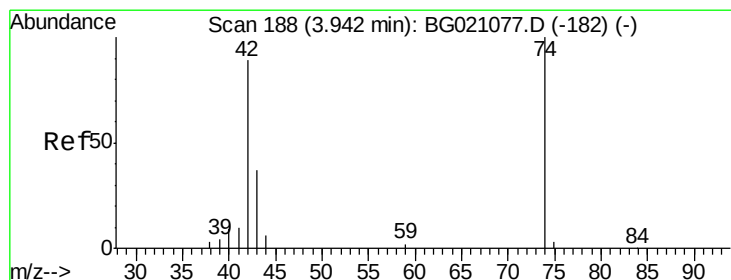
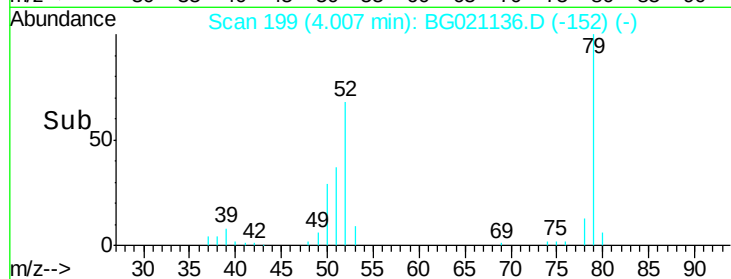
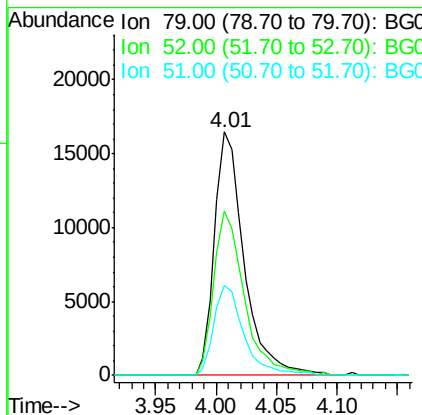
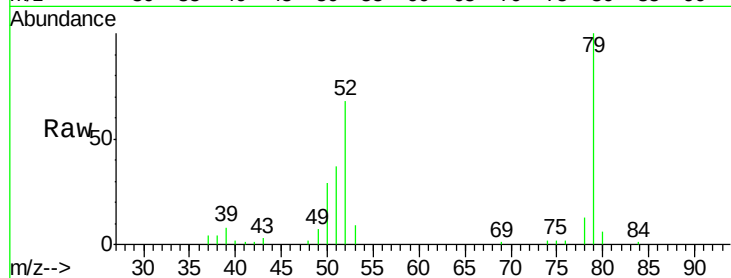
ClientSampleId :

EP004MS

Tgt Ion:	79	Resp:	28036
Ion	Ratio	Lower	Upper
79	100		
52	67.6	53.2	79.8
51	36.7	26.1	39.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 54.84 ng

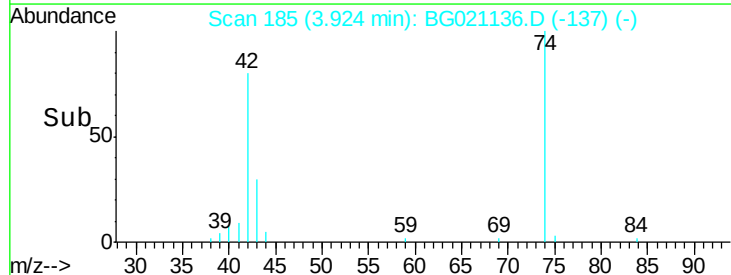
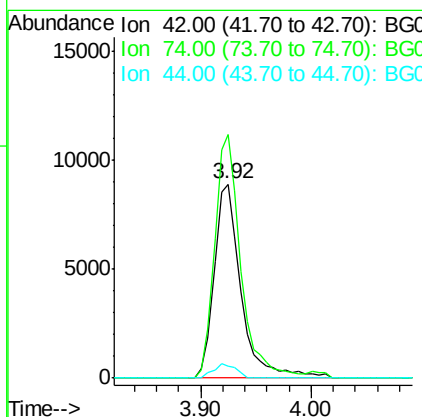
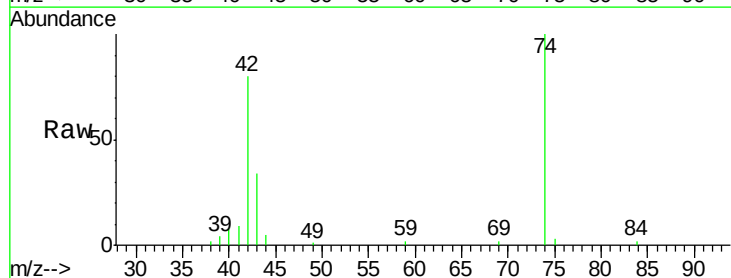
RT: 3.92 min Scan# 185

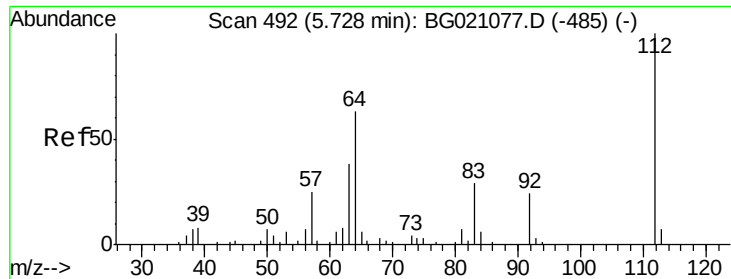
Delta R.T. -0.02 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Tgt Ion:	42	Resp:	14953
Ion	Ratio	Lower	Upper
42	100		
74	125.5	102.3	153.5
44	6.2	4.8	7.2





#5

2-Fluorophenol

Concen: 213.11 ng

RT: 5.72 min Scan# 491

Delta R.T. -0.00 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

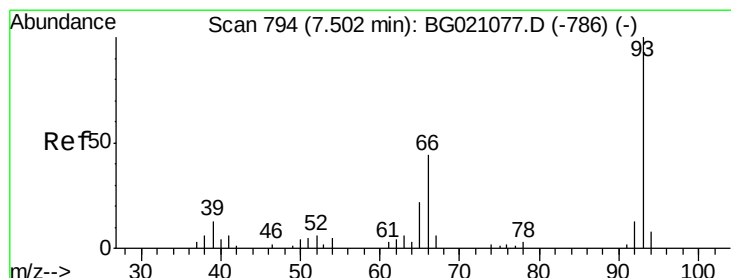
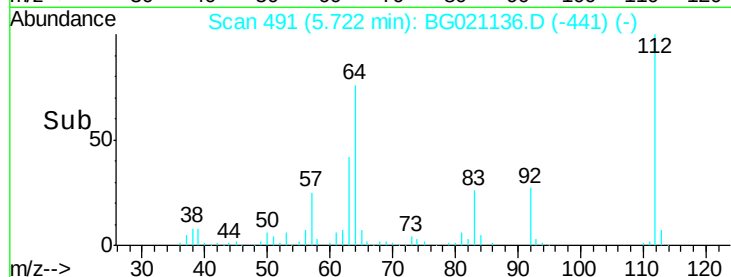
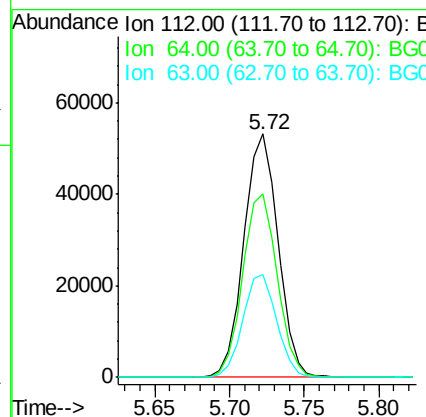
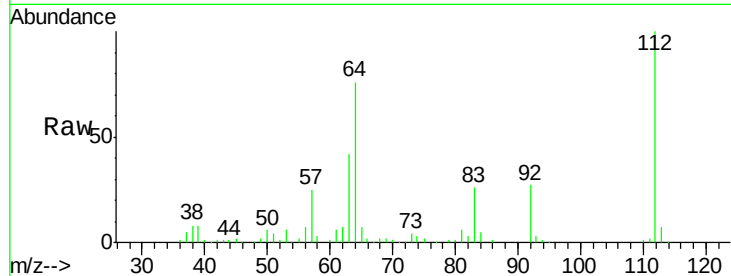
ClientSampleId :

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Tgt Ion:	112	Resp:	84623
Ion Ratio	Lower	Upper	
112	100		
64	75.5	42.6	63.8#
63	42.2	21.7	32.5#

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#6

Aniline

Concen: 21.10 ng

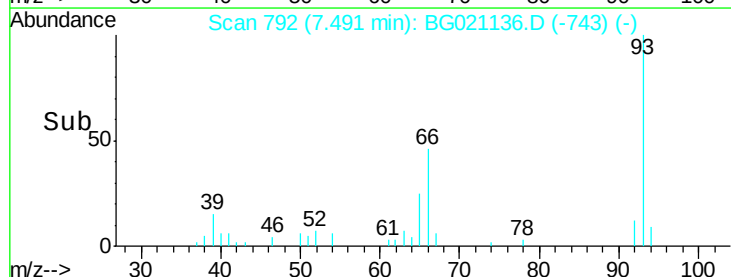
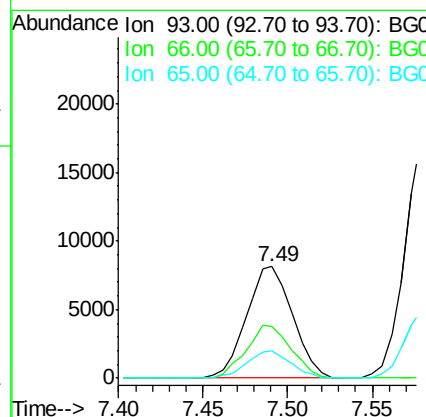
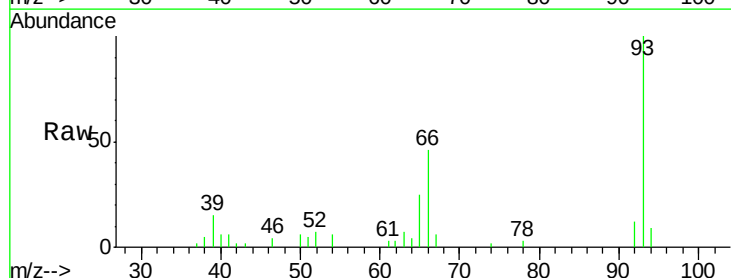
RT: 7.49 min Scan# 792

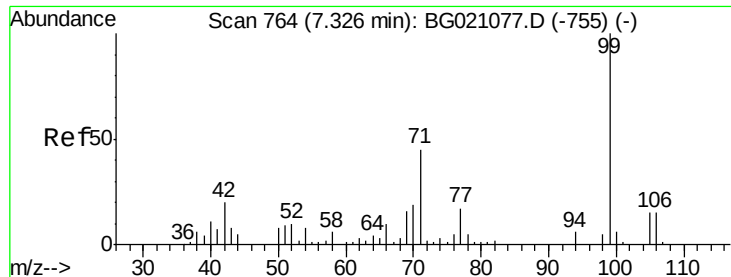
Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Tgt Ion:	93	Resp:	15422
Ion Ratio	Lower	Upper	
93	100		
66	45.8	30.1	45.1#
65	24.9	16.6	24.8#





#7

Phenol-d6

Concen: 227.42 ng

RT: 7.31 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

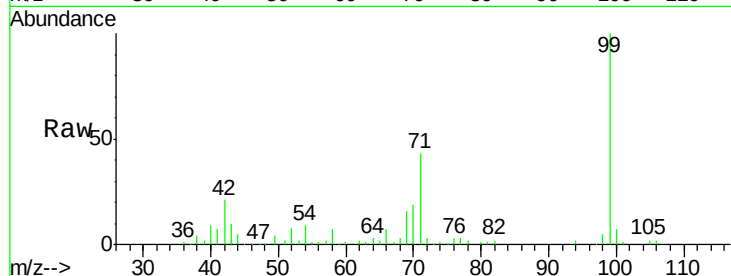
ClientSampled :

EP004MS

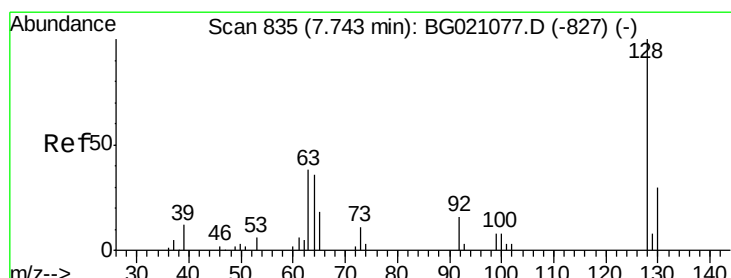
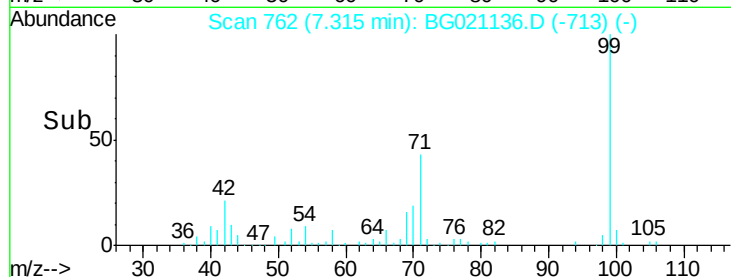
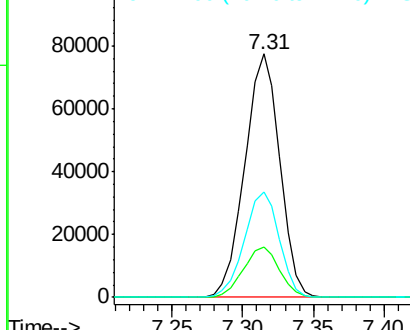
Tgt Ion:	99	Resp:	134381
Ion Ratio	Lower	Upper	
99	100		
42	20.7	13.2	19.8#
71	43.3	25.2	37.8#

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 60.79 ng

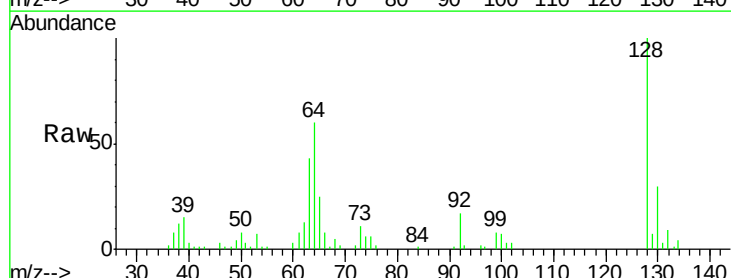
RT: 7.73 min Scan# 832

Delta R.T. -0.02 min

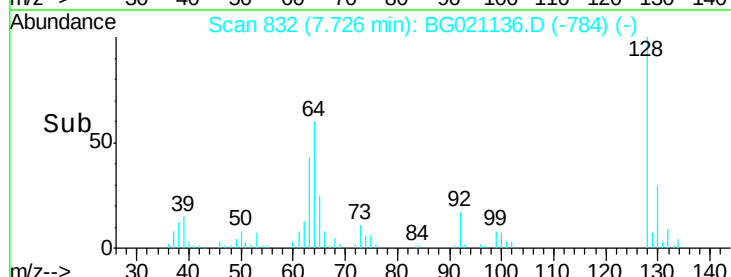
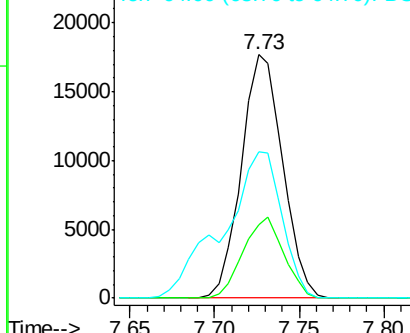
Lab File: BG021136.D

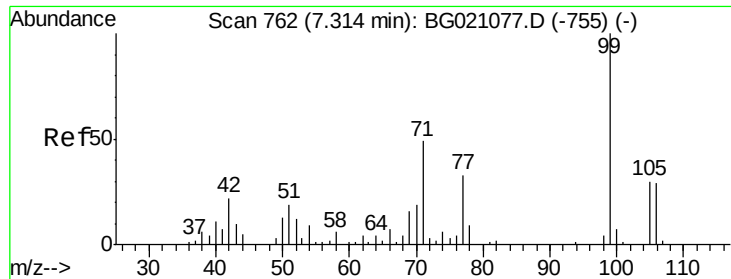
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Tgt Ion:	128	Resp:	30107
Ion Ratio	Lower	Upper	
128	100		
130	29.9	11.9	51.9
64	60.3	25.8	65.8



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 24.76 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

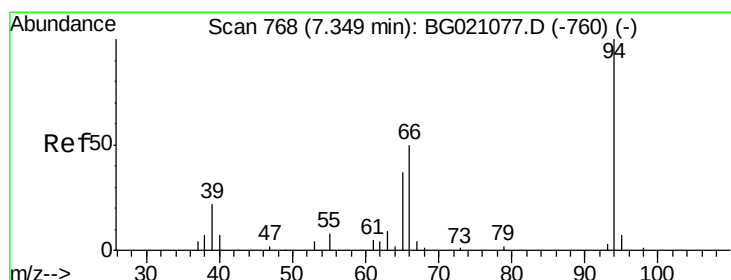
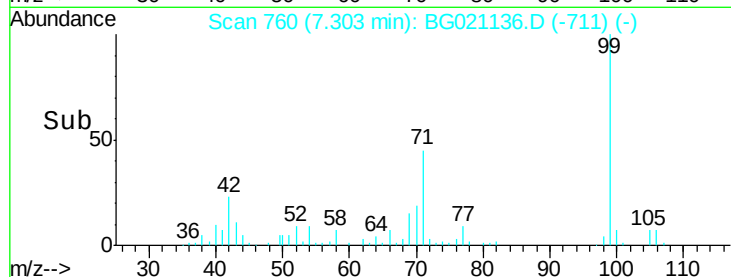
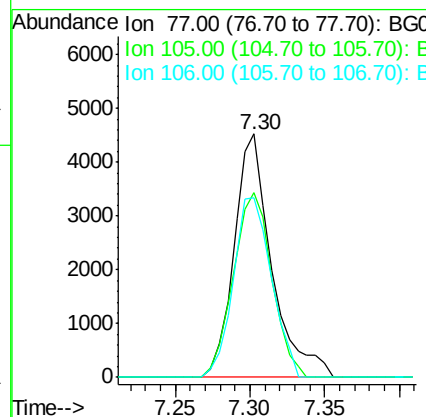
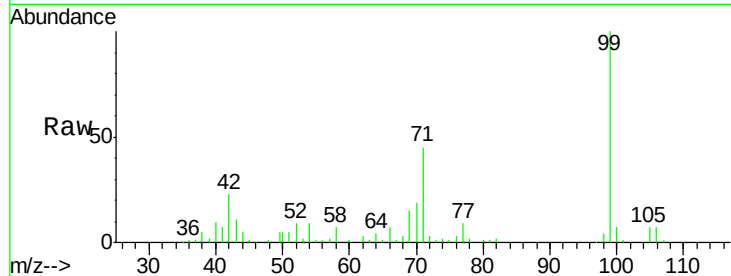
ClientSampleId :

EP004MS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	75.9	77.4	117.4#
106	73.8	72.8	112.8

Manual Integrations
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#10

Phenol

Concen: 73.16 ng

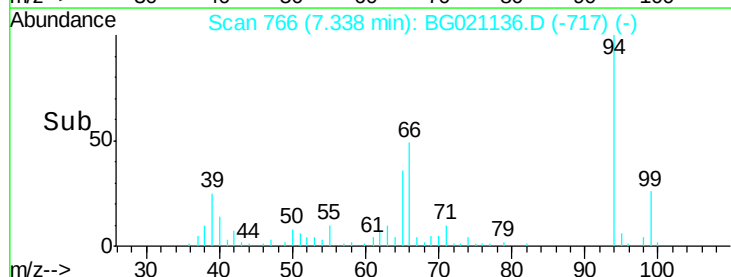
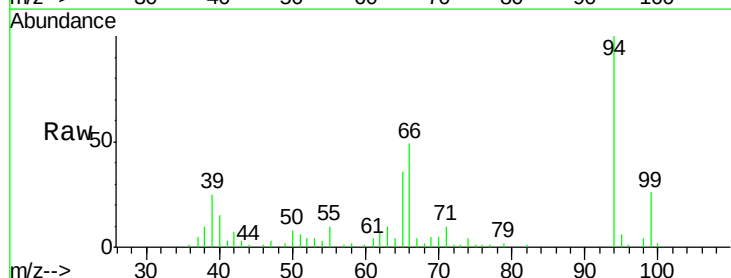
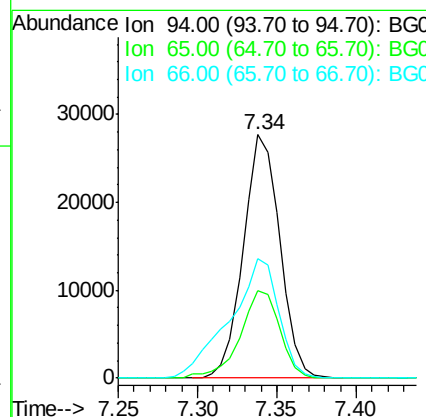
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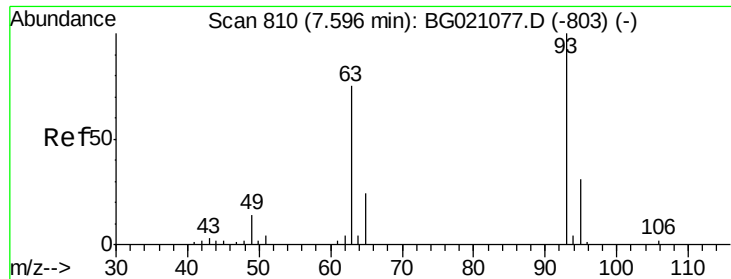
Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.8	7.2	47.2
66	48.9	15.4	55.4





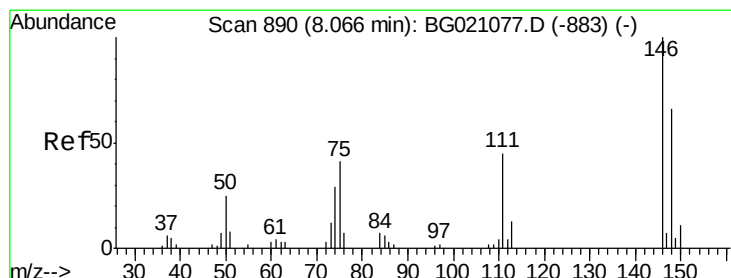
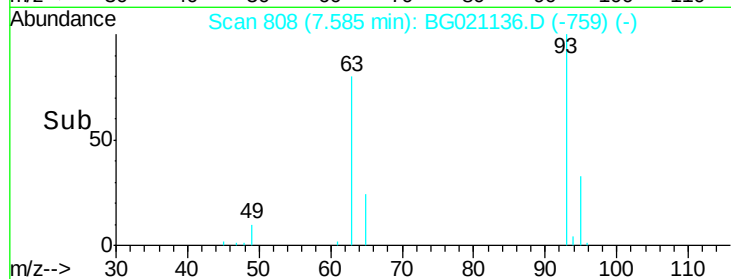
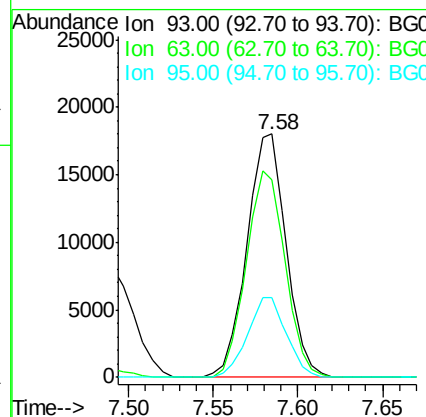
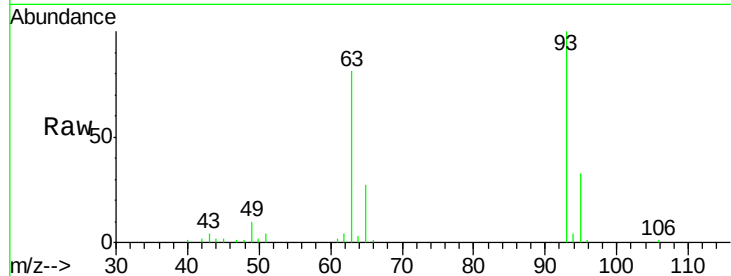
#11
bis(2-Chloroethyl)ether
Concen: 62.84 ng
RT: 7.58 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Instrument :
BNA_G
ClientSampleId :
EP004MS

Tgt Ion:	93	Resp:	29155
Ion Ratio	Lower	Upper	
93	100		
63	81.0	60.5	100.5
95	32.9	14.6	54.6

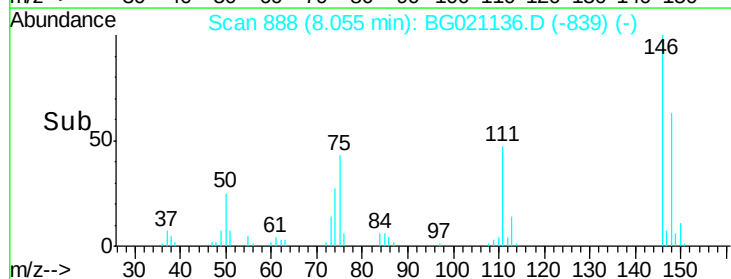
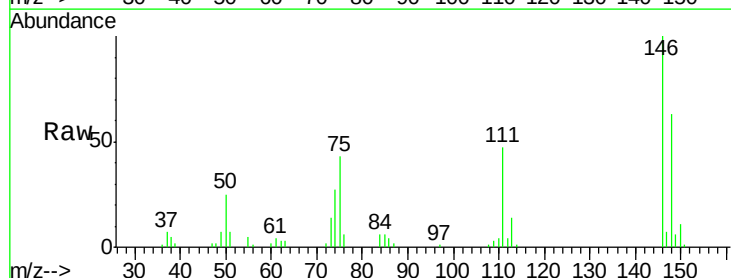
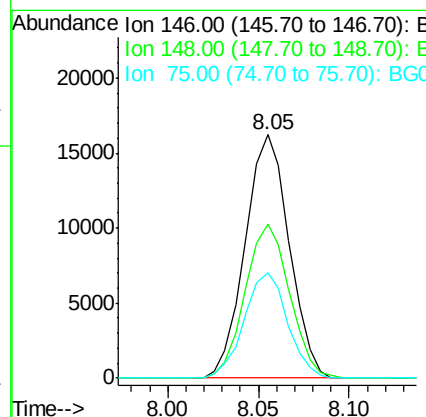
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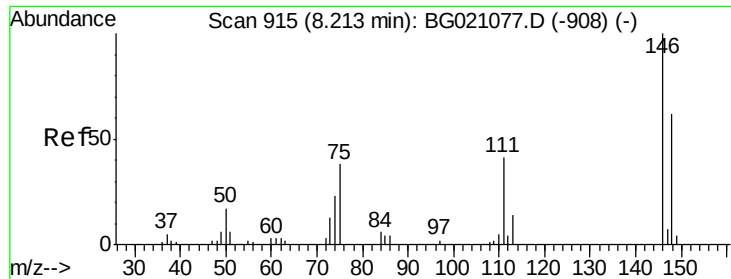
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#12
1,3-Dichlorobenzene
Concen: 51.91 ng
RT: 8.05 min Scan# 888
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion:	146	Resp:	27362
Ion Ratio	Lower	Upper	
146	100		
148	63.0	52.6	78.8
75	43.2	24.0	36.0#





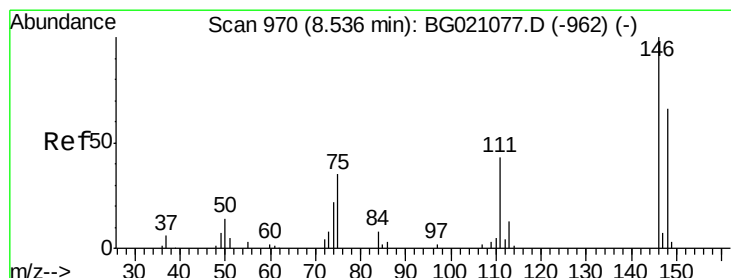
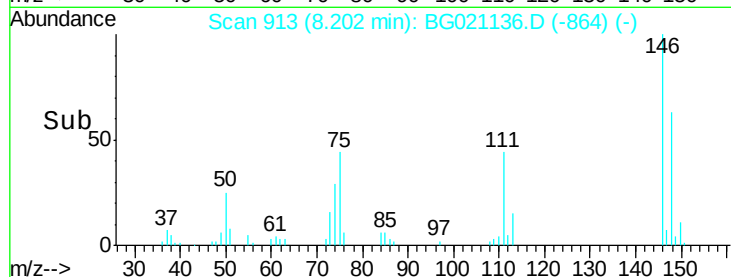
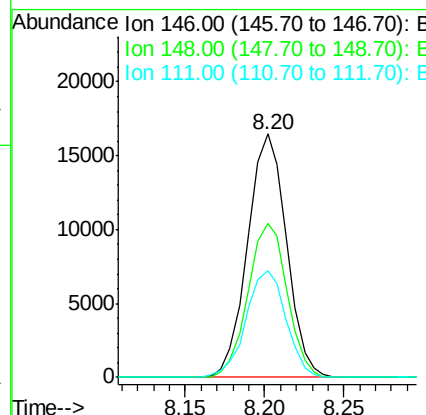
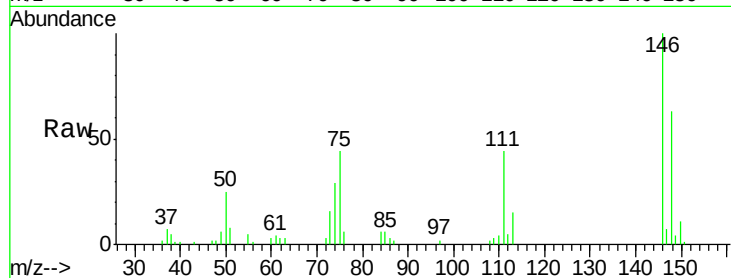
#13
 1,4-Dichlorobenzene
 Concen: 49.95 ng
 RT: 8.20 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Instrument :
 BNA_G
 ClientSampleId :
 EP004MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.4	50.2	75.4
111	44.0	31.9	47.9

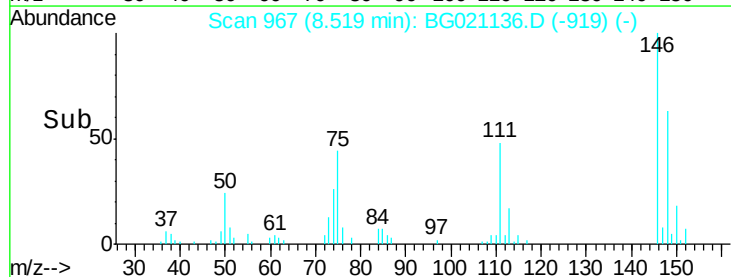
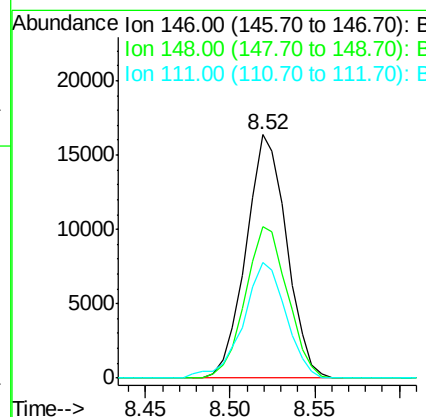
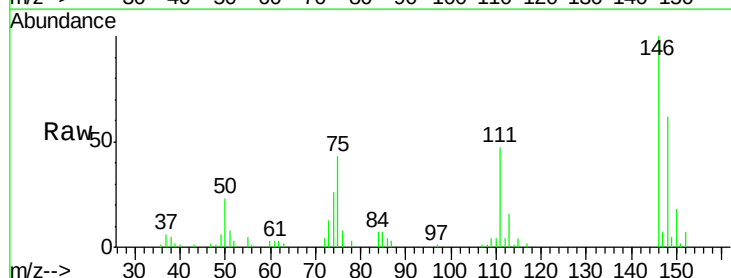
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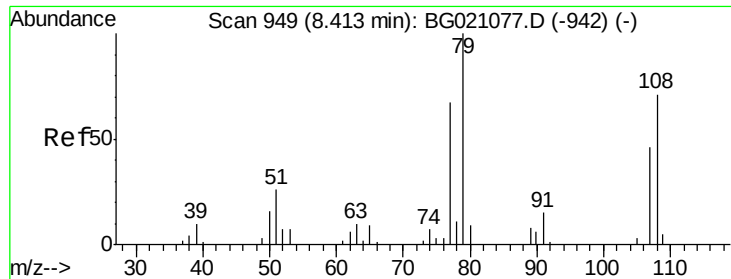
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#14
 1,2-Dichlorobenzene
 Concen: 51.34 ng
 RT: 8.52 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	62.1	50.5	75.7
111	47.5	35.4	53.2





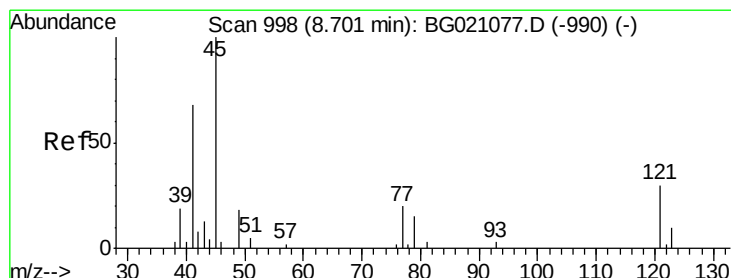
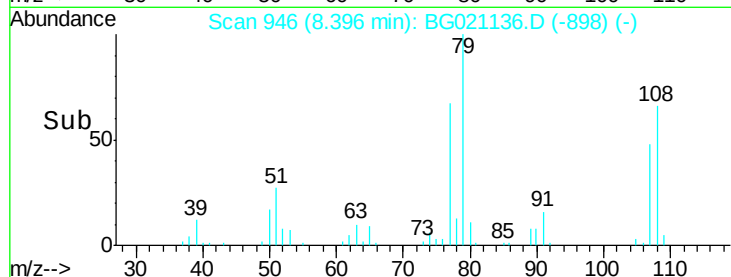
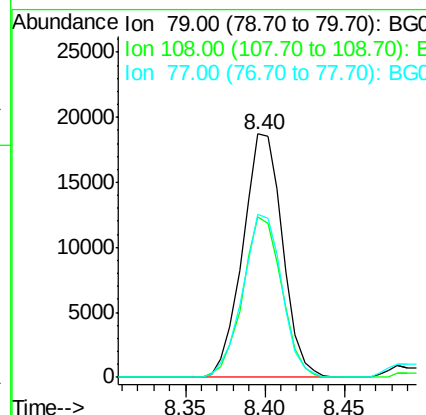
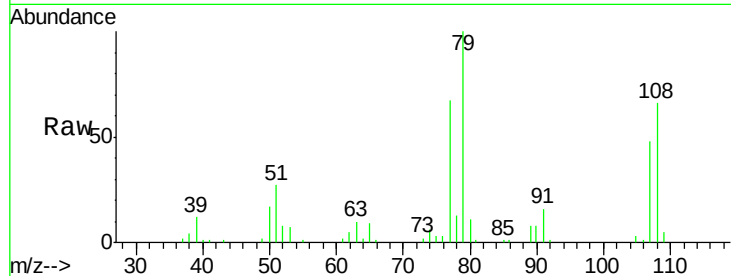
#15
Benzyl Alcohol
Concen: 63.17 ng
RT: 8.40 min Scan# 946
Delta R.T. -0.02 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Instrument :
BNA_G
ClientSampleId :
EP004MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
79	100		
108	65.7	65.1	97.7
77	67.2	53.8	80.8

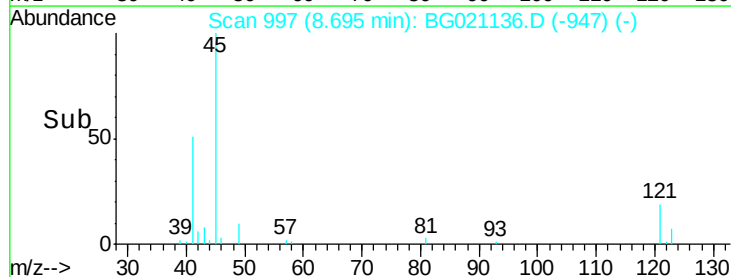
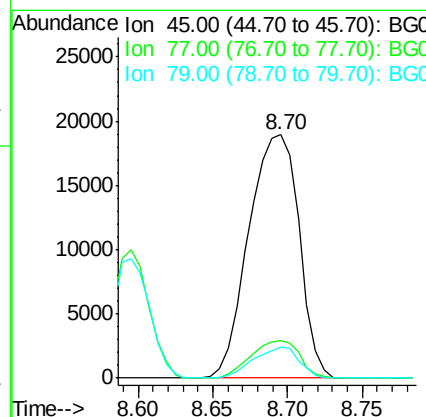
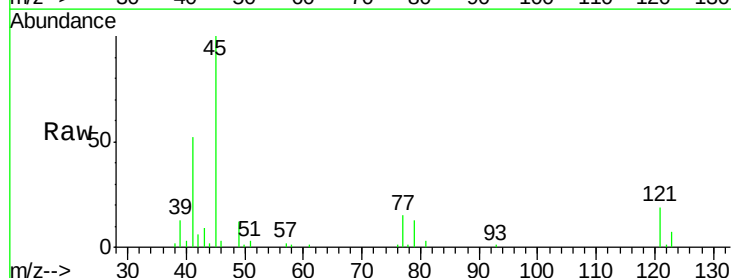
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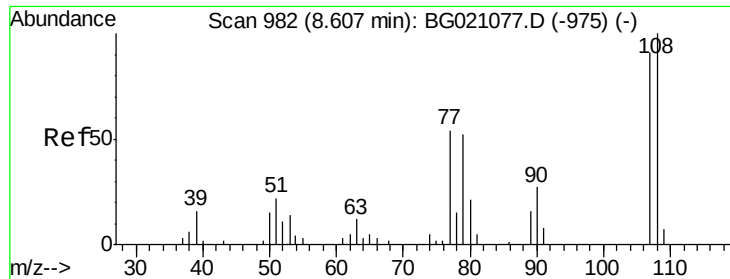
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 83.02 ng
RT: 8.70 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
45	100		
77	15.4	0.0	33.3
79	12.5	0.0	29.6





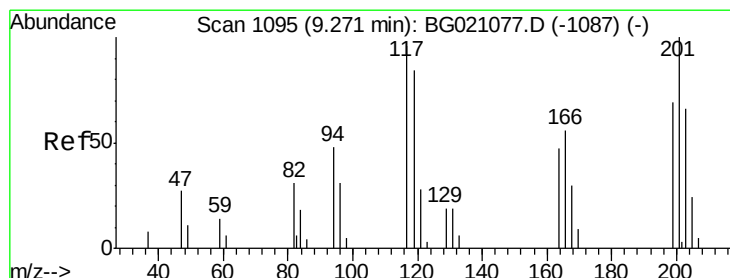
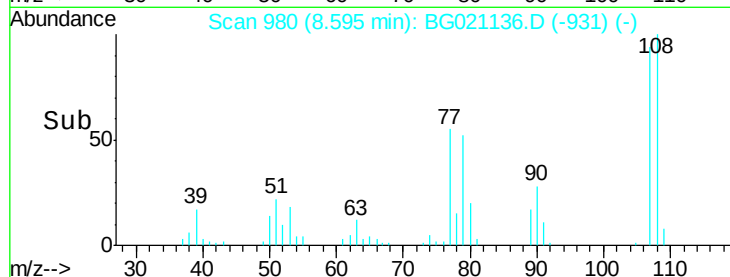
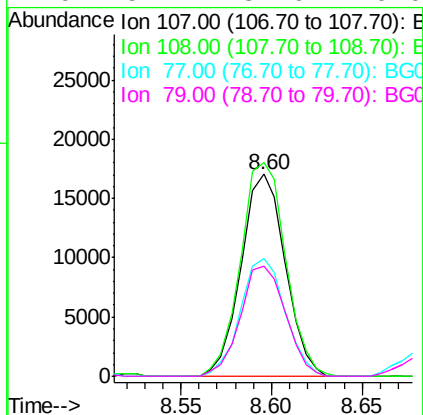
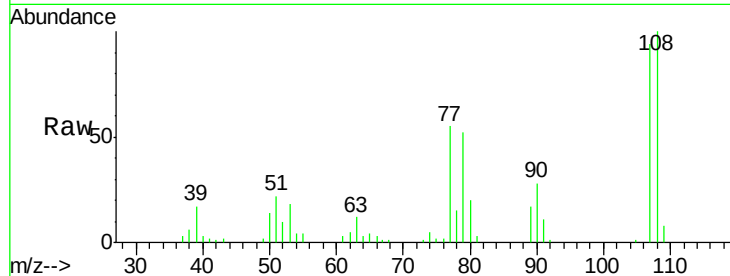
#17
2-Methylphenol
Concen: 67.31 ng
RT: 8.60 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Instrument :
BNA_G
ClientSampleId :
EP004MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	28760		
108	105.9	88.8	133.2	
77	58.7	38.0	57.0	
79	54.7	32.6	49.0	

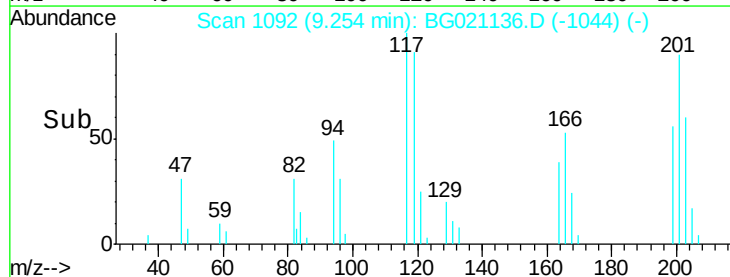
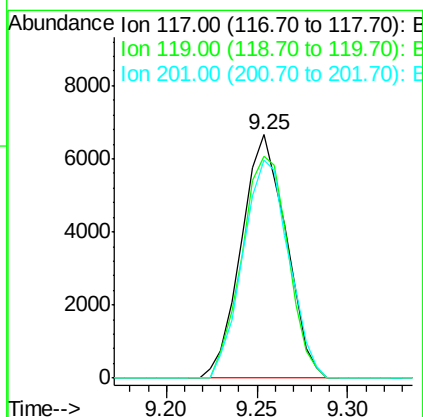
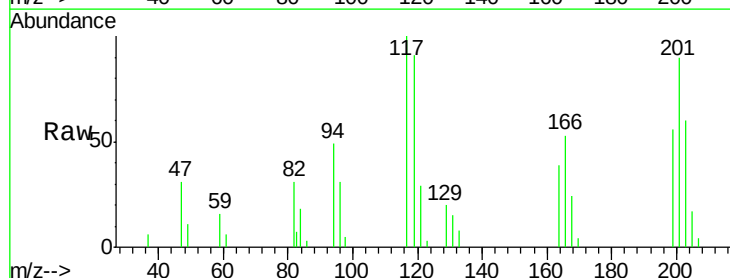
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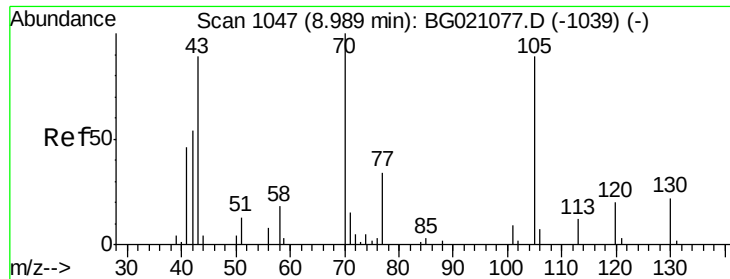
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#18
Hexachloroethane
Concen: 53.79 ng
RT: 9.25 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	11458		
119	91.1	74.5	111.7	
201	89.5	68.2	102.4	





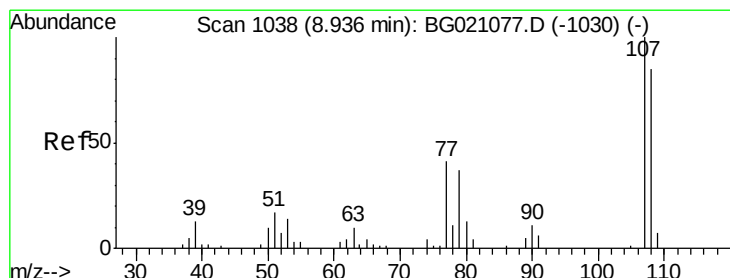
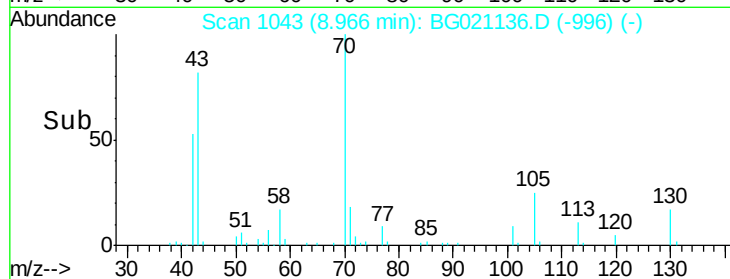
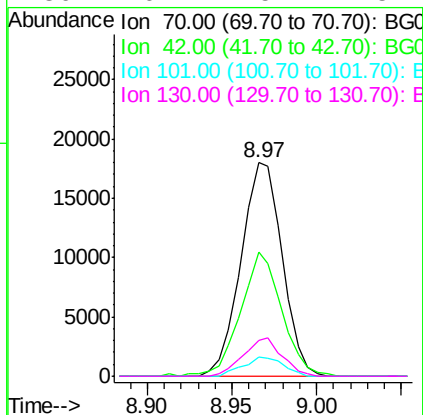
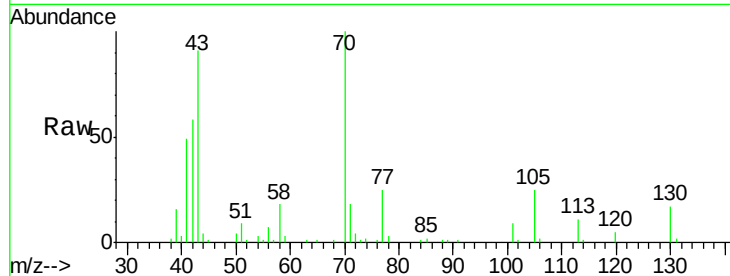
#19
n-Nitroso-di-n-propylamine
Concen: 67.05 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Instrument :
BNA_G
ClientSampled :
EP004MS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.2	48.8	73.2	
101	8.9	8.5	12.7	
130	16.7	15.4	23.2	

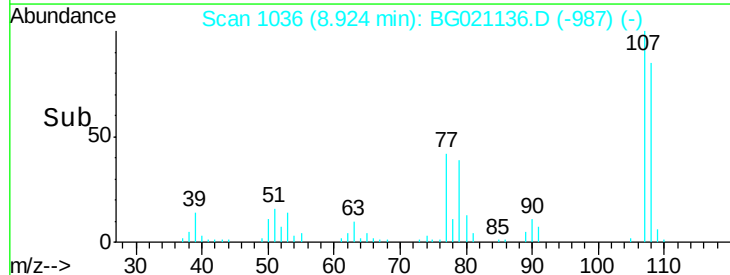
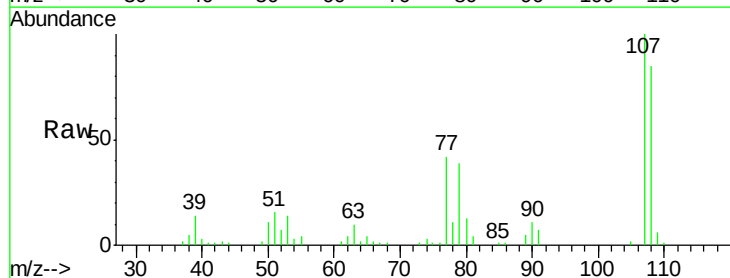
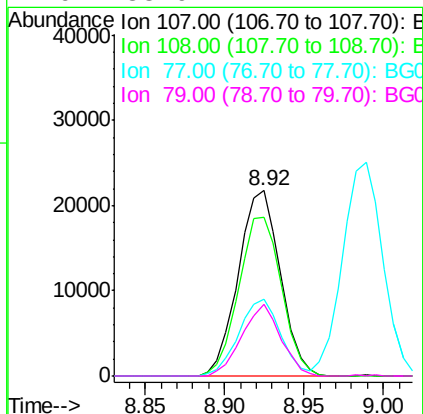
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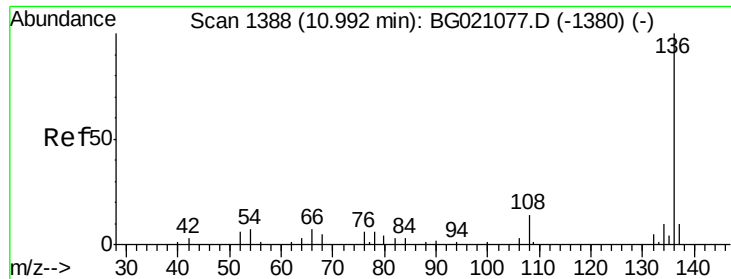
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#20
3+4-Methylphenols
Concen: 67.59 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.3	67.6	107.6	
77	41.6	14.4	54.4	
79	38.9	7.7	47.7	





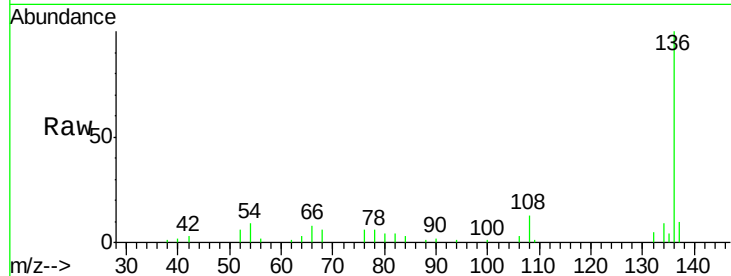
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Instrument :
BNA_G
ClientSampleId :
EP004MS

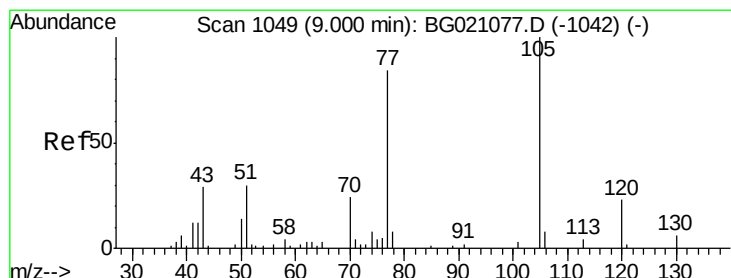
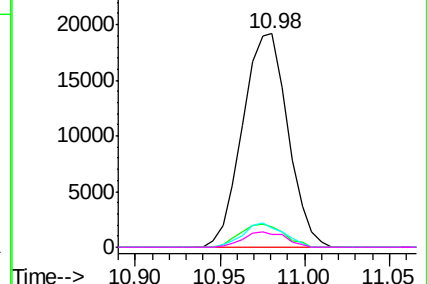
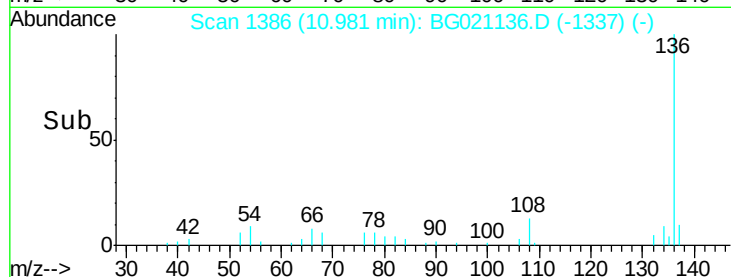
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	9.8	8.8	13.2
54	8.9	6.9	10.3
68	6.3	5.8	8.6

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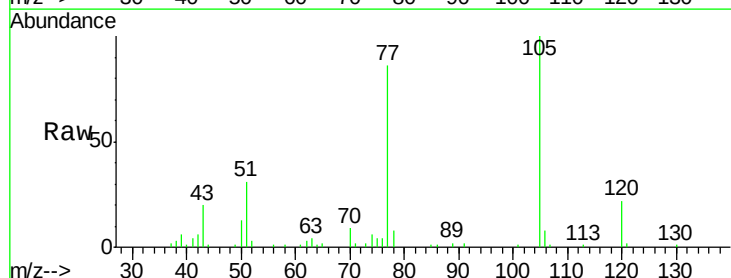


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

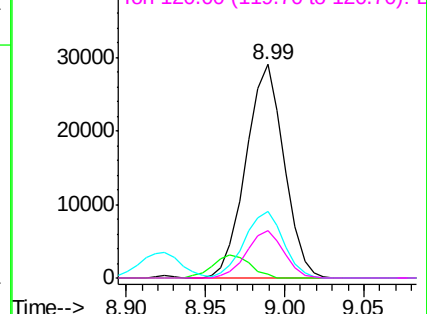
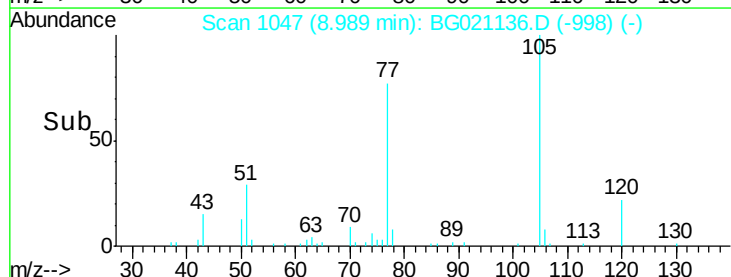


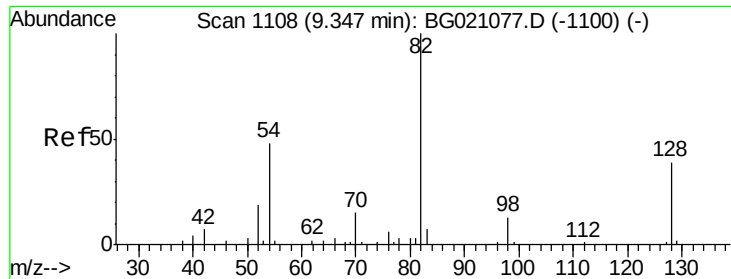
#22
Acetophenone
Concen: 49.05 ng
RT: 8.99 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	1.7	0.0	0.0#
51	30.9	21.4	32.2
120	22.0	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E





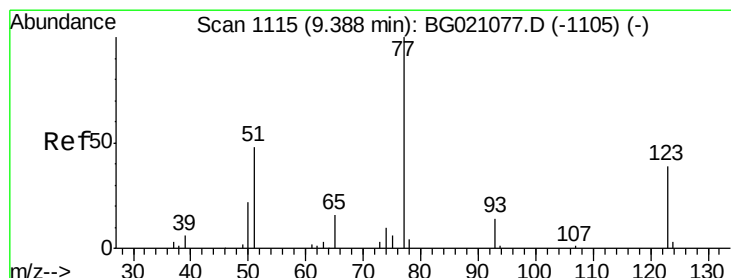
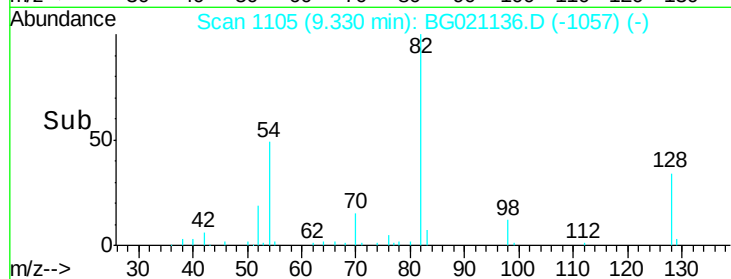
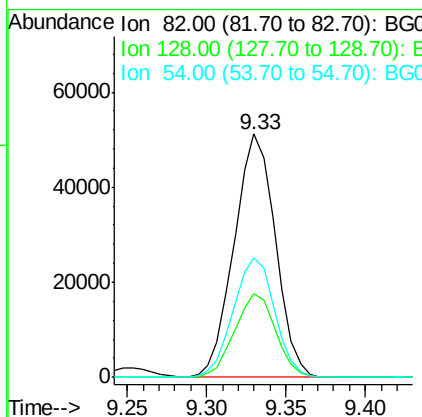
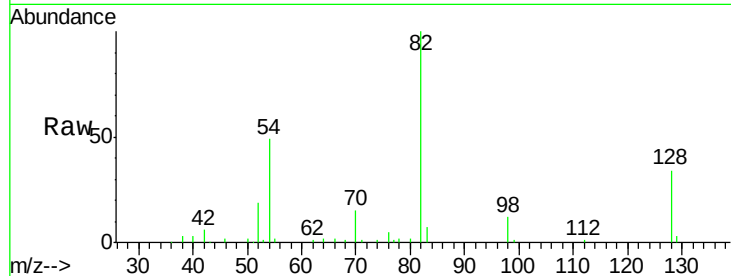
#23
 Nitrobenzene-d5
 Concen: 123.02 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Instrument :
 BNA_G
 ClientSampleId :
 EP004MS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	34.2	36.3	54.5#
54	49.2	37.6	56.4

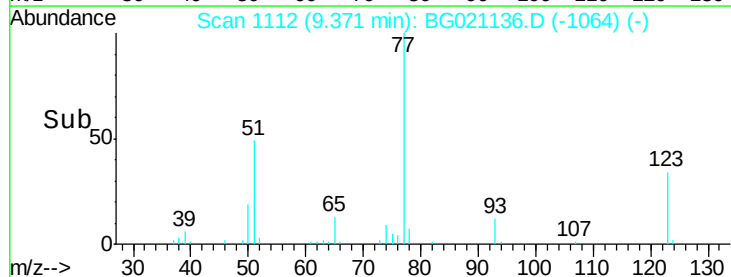
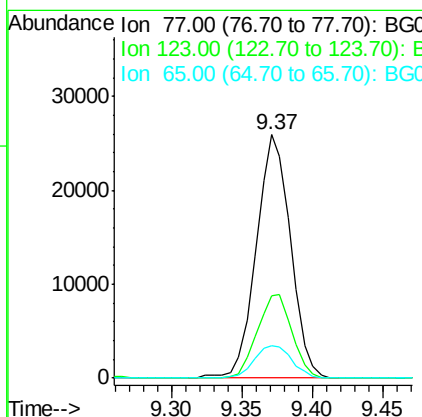
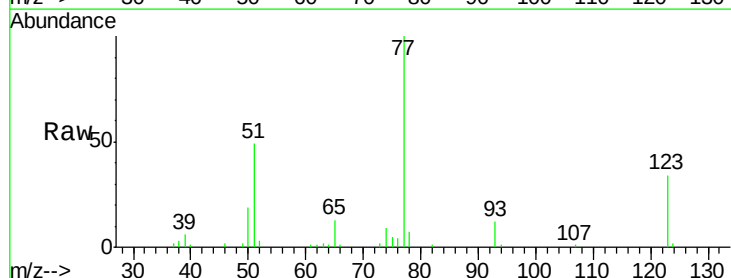
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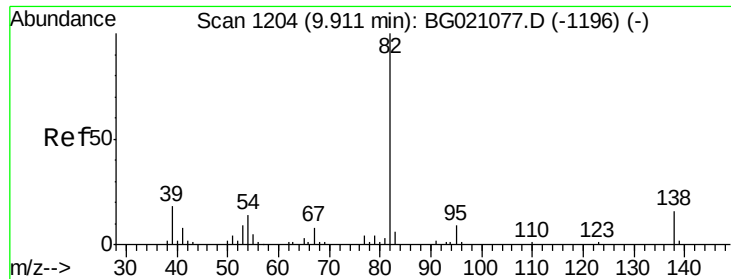
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#24
 Nitrobenzene
 Concen: 56.79 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. -0.02 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	33.8	35.8	53.6#
65	13.5	10.6	16.0





#25

Isophorone

Concen: 57.20 ng

RT: 9.89 min Scan# 1201

Delta R.T. -0.02 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

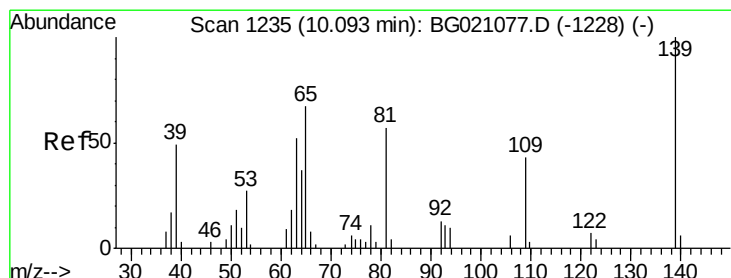
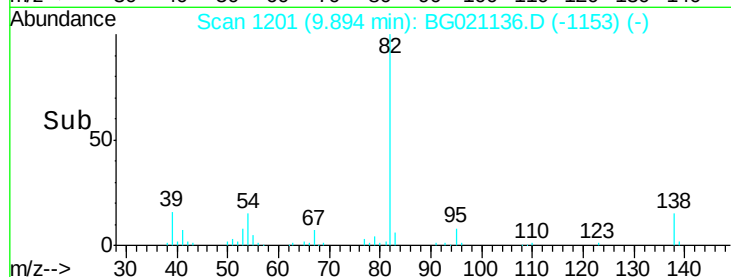
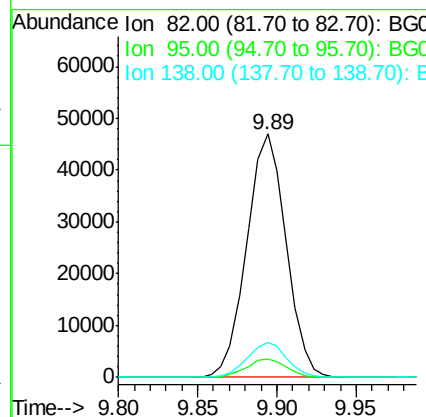
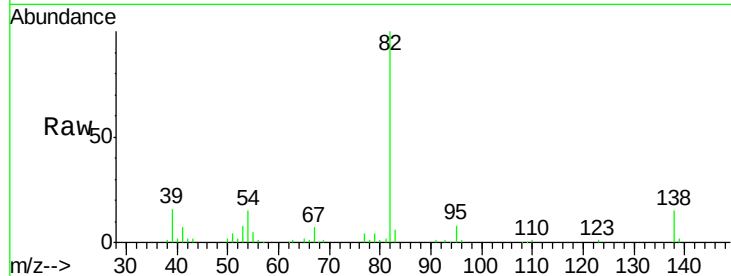
ClientSampleId :

EP004MS

Tgt Ion:	82	Resp:	80788
Ion Ratio		Lower	Upper
82	100		
95	7.6	5.4	8.0
138	14.5	13.4	20.0

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#26

2-Nitrophenol

Concen: 49.80 ng

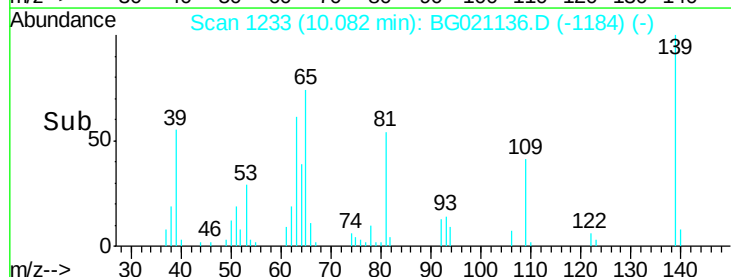
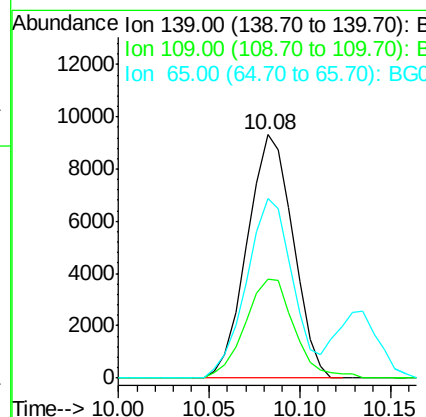
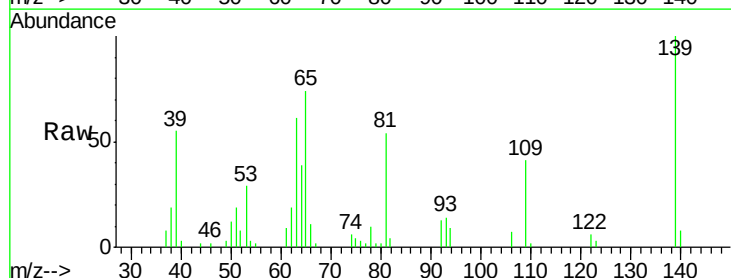
RT: 10.08 min Scan# 1233

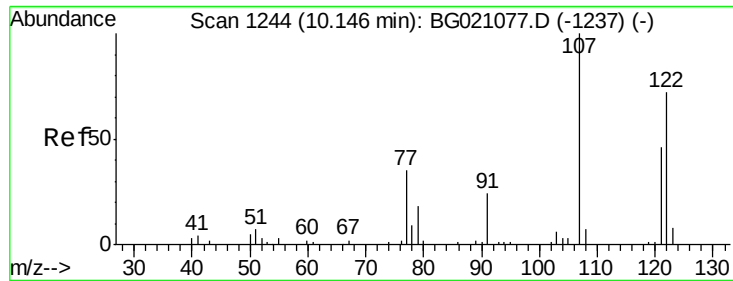
Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Tgt Ion:	139	Resp:	16392
Ion Ratio		Lower	Upper
139	100		
109	40.6	21.4	32.0#
65	73.8	37.8	56.8#





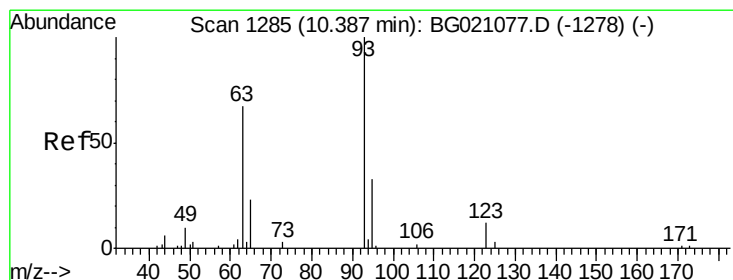
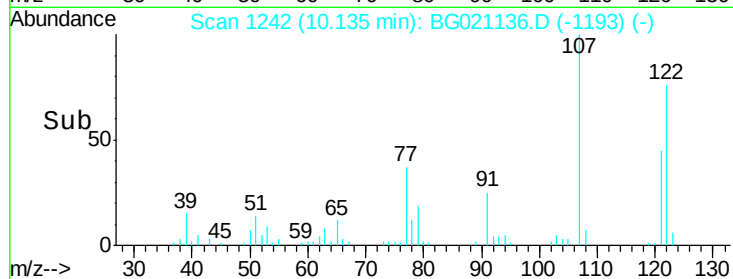
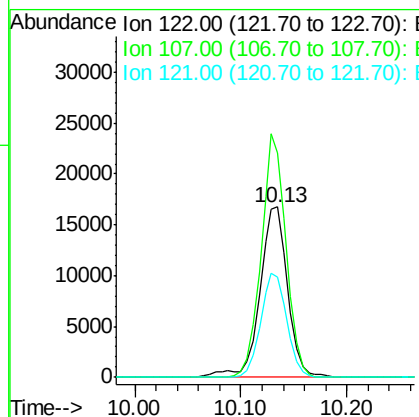
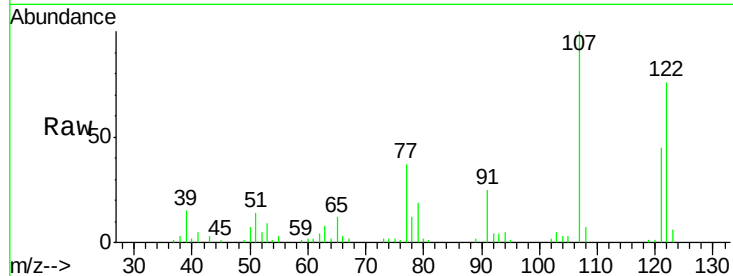
#27
 2,4-Dimethylphenol
 Concen: 52.74 ng
 RT: 10.13 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Instrument :
 BNA_G
 ClientSampleId :
 EP004MS

Tgt Ion:	122	Resp:	30618
Ion Ratio	Lower	Upper	
122	100		
107	131.9	94.1	141.1
121	59.0	45.9	68.9

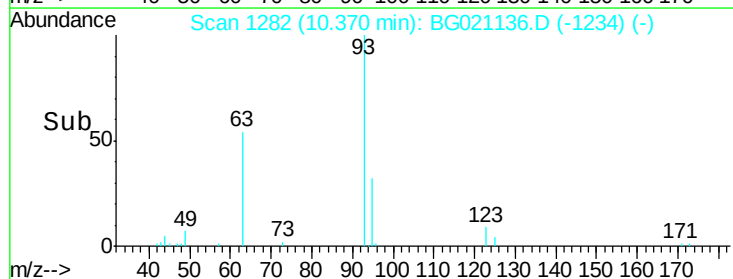
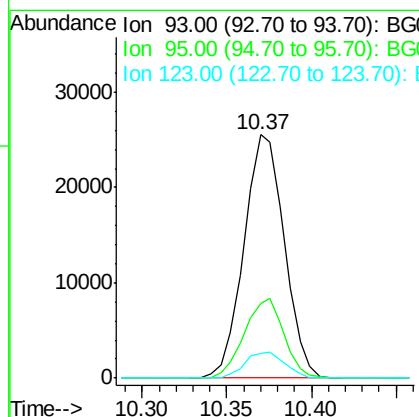
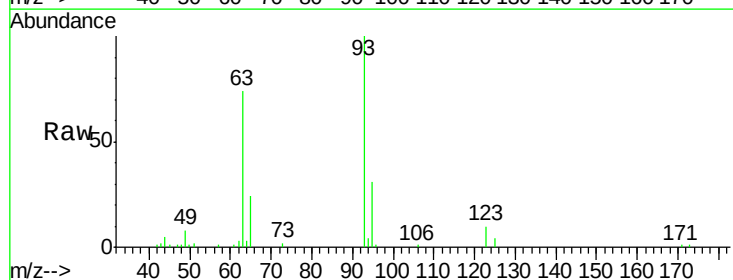
Manual Integrations
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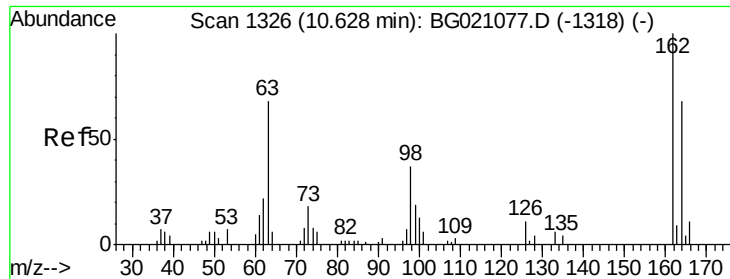
UMANGI
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#28
 bis(2-Chloroethoxy)methane
 Concen: 61.80 ng
 RT: 10.37 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Tgt Ion:	93	Resp:	42536
Ion Ratio	Lower	Upper	
93	100		
95	30.9	24.2	36.2
123	10.0	9.0	13.6





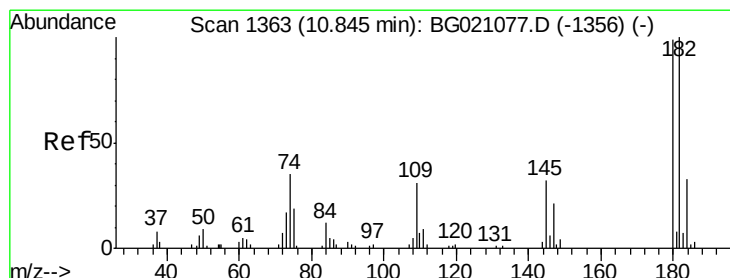
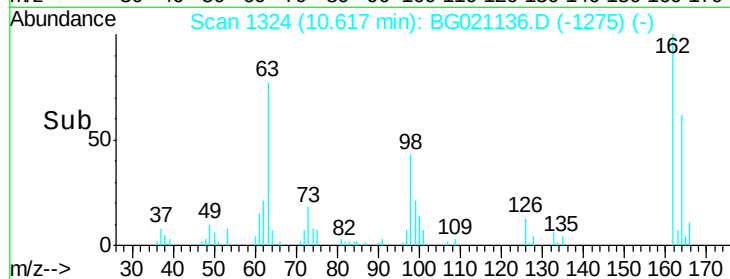
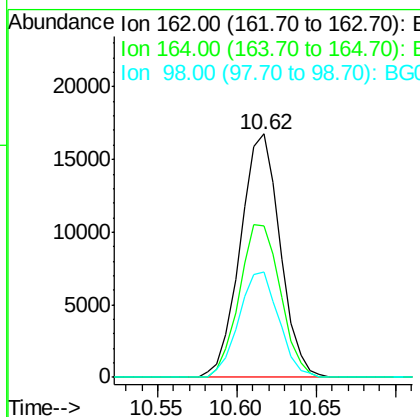
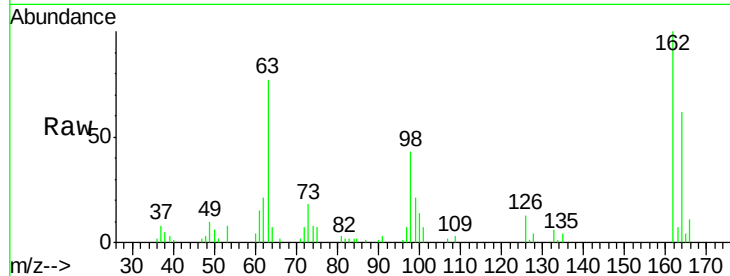
#29
 2,4-Dichlorophenol
 Concen: 51.38 ng
 RT: 10.62 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Instrument :
 BNA_G
 ClientSampled :
 EP004MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.4	43.7	83.7
98	43.2	18.3	58.3

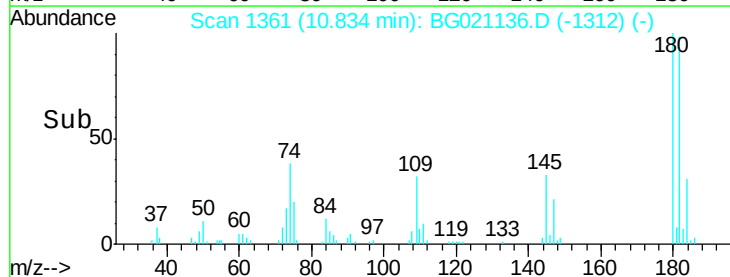
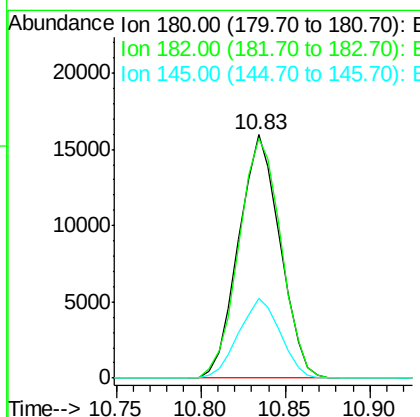
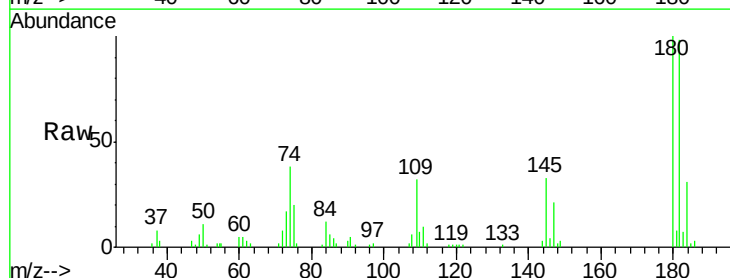
Manual Integrations
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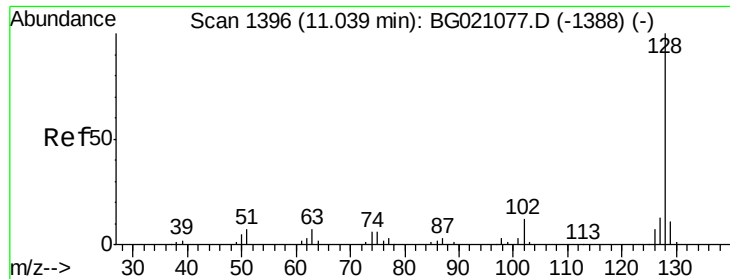
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.24 ng
 RT: 10.83 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.4	77.4	116.0
145	32.7	25.7	38.5





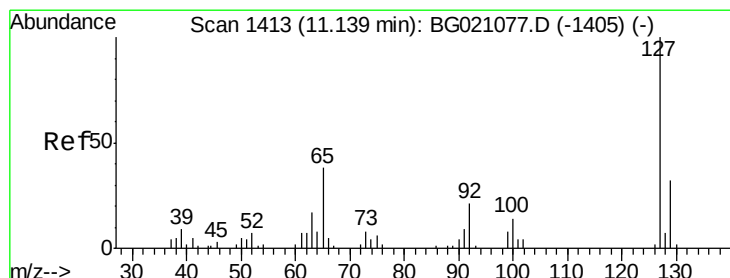
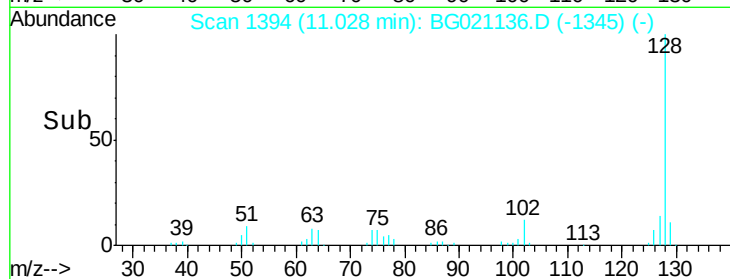
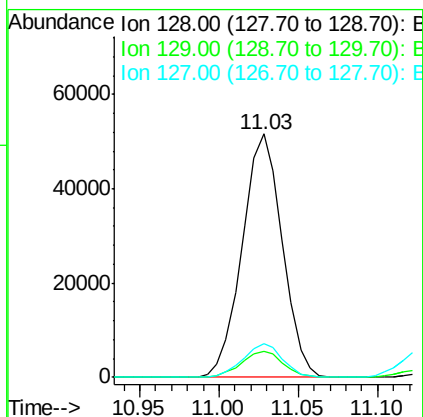
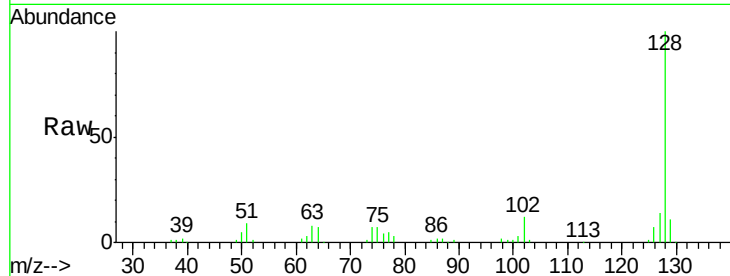
#31
Naphthalene
Concen: 49.10 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Instrument :
BNA_G
ClientSampleId :
EP004MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.8	9.4	14.2
127	13.7	10.8	16.2

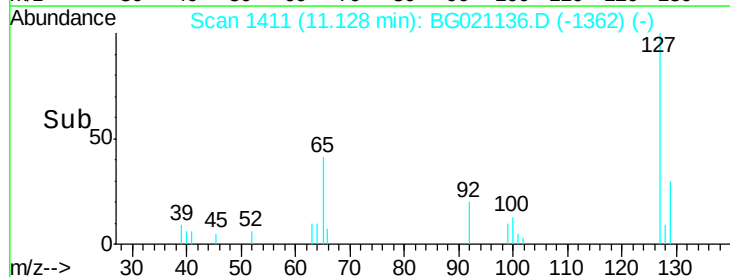
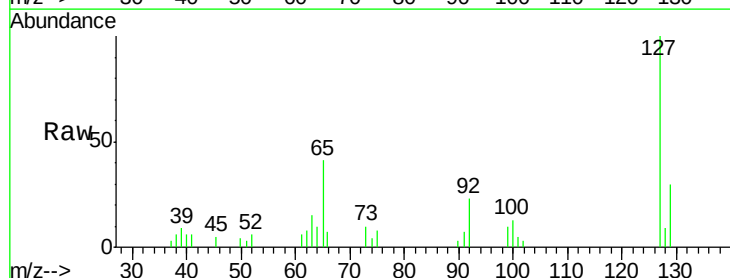
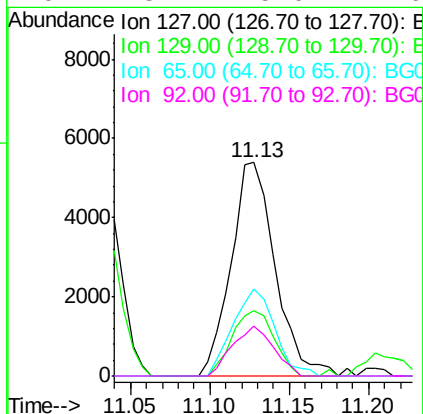
Manual Integrations
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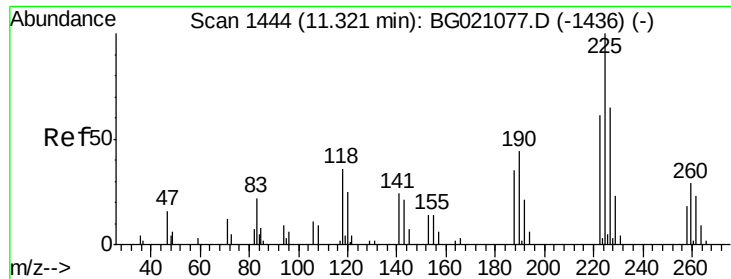
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#33
4-Chloroaniline
Concen: 13.50 ng
RT: 11.13 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	30.5	26.2	39.2
65	40.7	22.9	34.3#
92	23.4	15.0	22.6#





#34

Hexachlorobutadiene

Concen: 37.87 ng

RT: 11.30 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BG021136.D

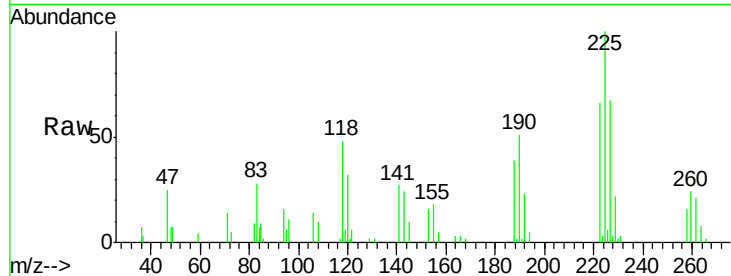
Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

ClientSampleId :

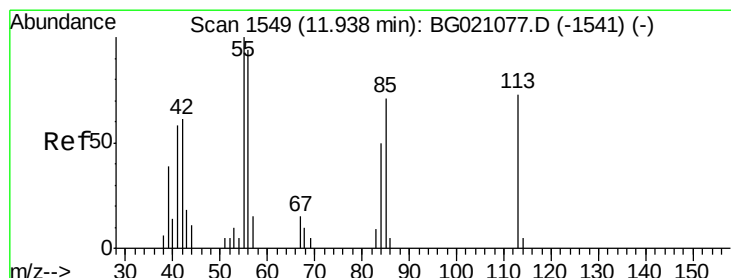
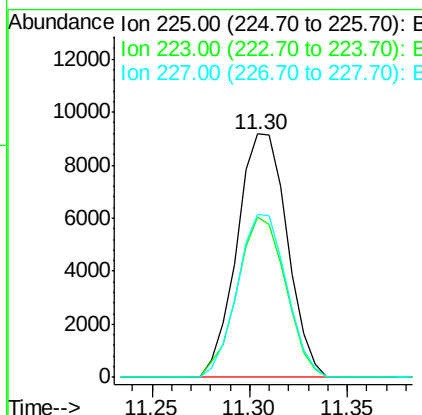
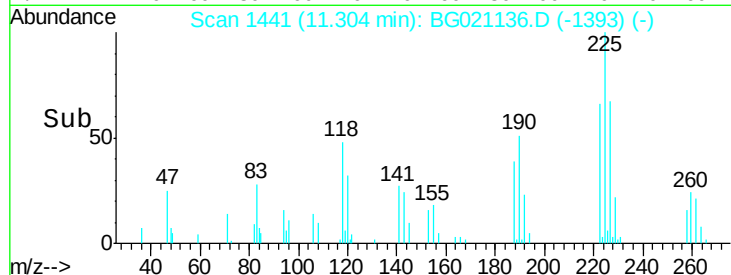
EP004MS



Tgt Ion:	225	Resp:	16325
Ion Ratio	Lower	Upper	
225	100		
223	65.5	54.6	82.0
227	66.1	54.6	81.8

Manual Integrations
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#35

Caprolactam

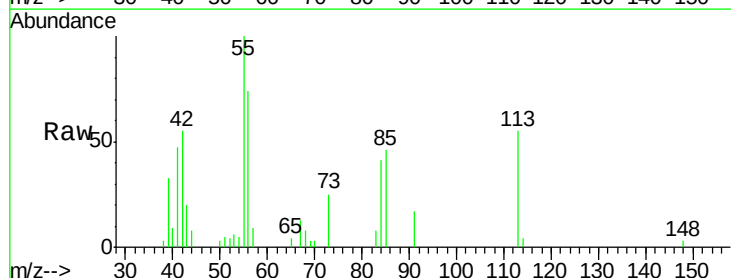
Concen: 61.50 ng m

RT: 11.90 min Scan# 1542

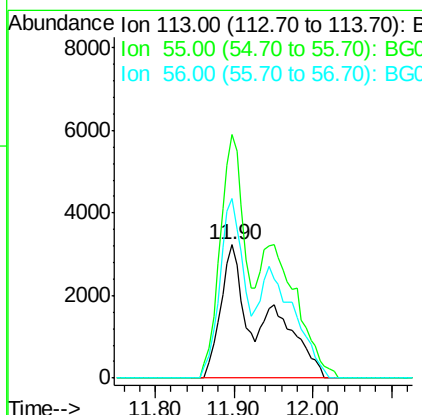
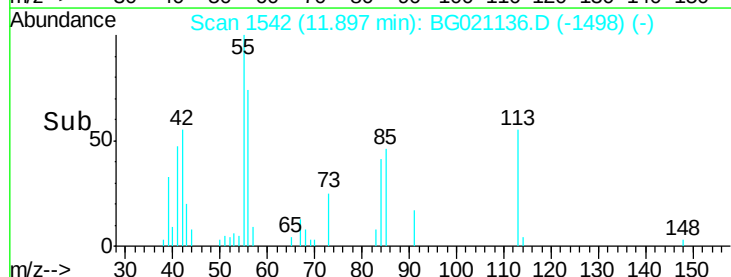
Delta R.T. -0.04 min

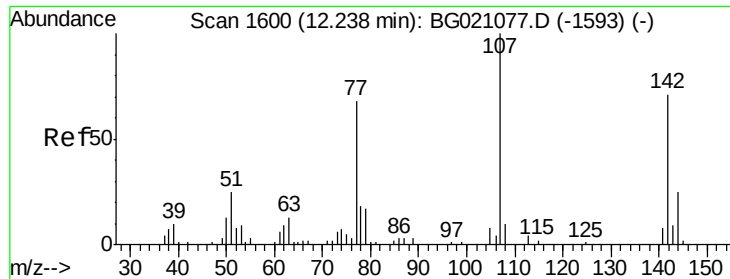
Lab File: BG021136.D

Acq: 28 Feb 2016 4:50



Tgt Ion:	113	Resp:	11811
Ion Ratio	Lower	Upper	
113	100		
55	182.6	155.2	195.2
56	134.2	94.0	134.0#





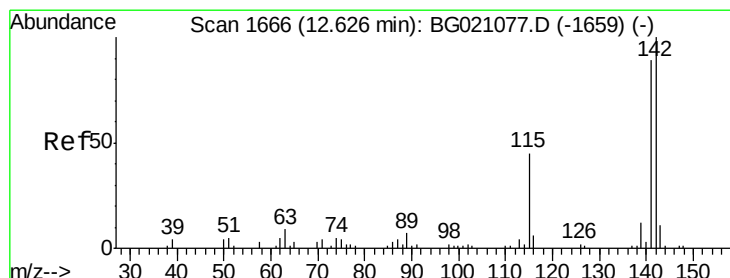
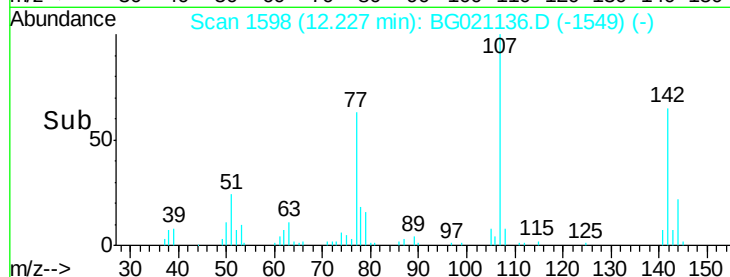
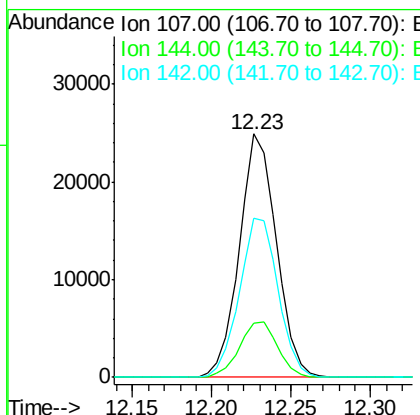
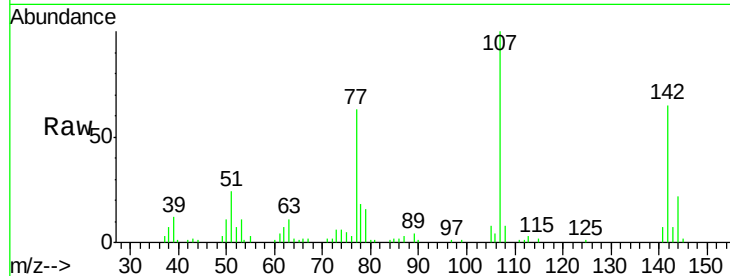
#36
 4-Chloro-3-methylphenol
 Concen: 57.92 ng
 RT: 12.23 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Instrument :
 BNA_G
 ClientSampleId :
 EP004MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
144	22.1	21.8	32.8
142	65.1	65.6	98.4#

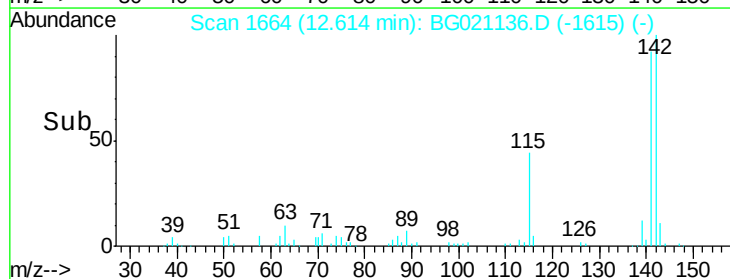
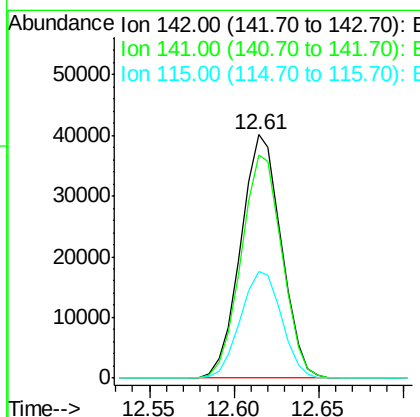
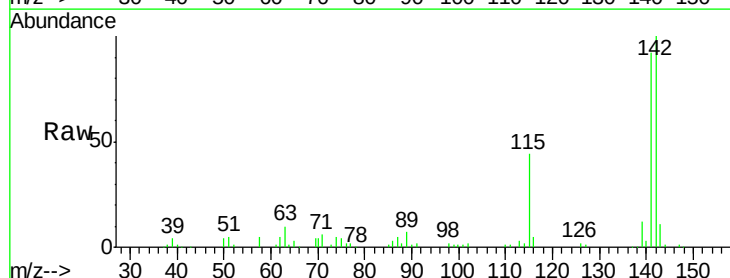
Manual Integrations
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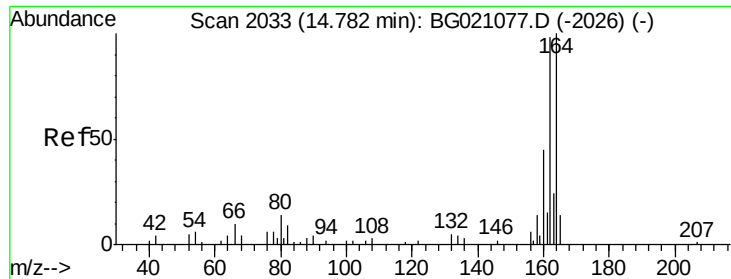
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#37
 2-Methylnaphthalene
 Concen: 51.74 ng
 RT: 12.61 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	91.6	71.7	107.5
115	43.6	26.2	39.4#





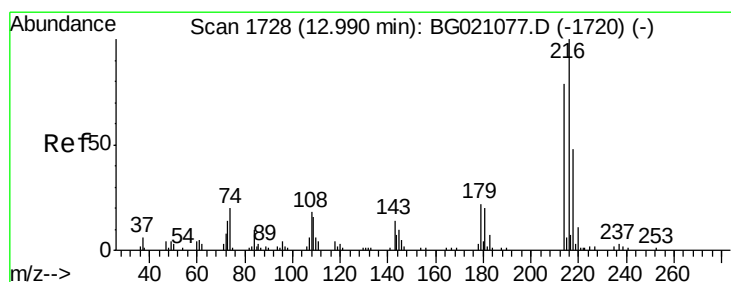
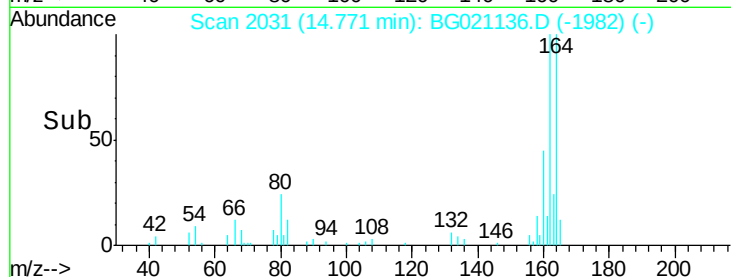
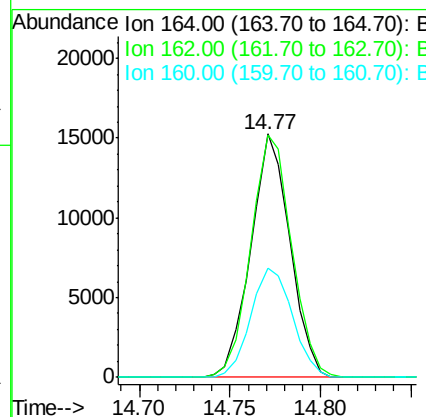
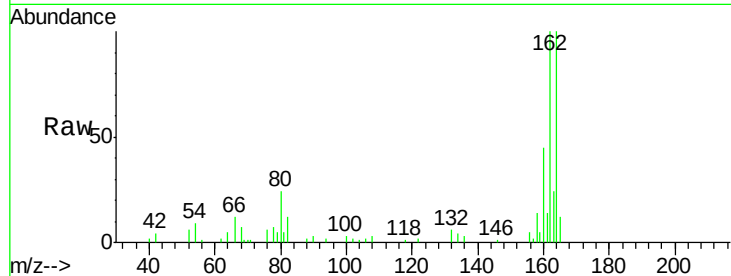
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Instrument :
BNA_G
ClientSampleId :
EP004MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	22892		
162	99.7	80.6	120.8	
160	44.9	36.5	54.7	

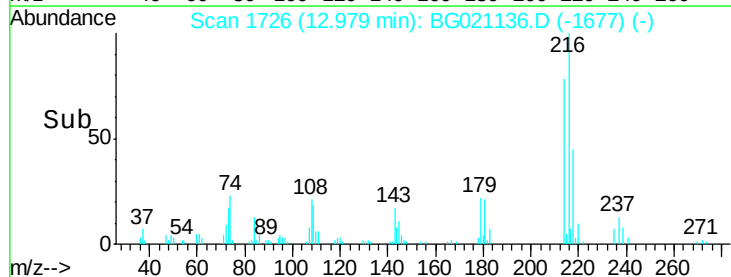
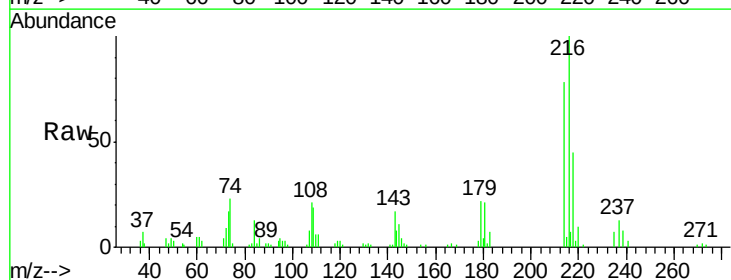
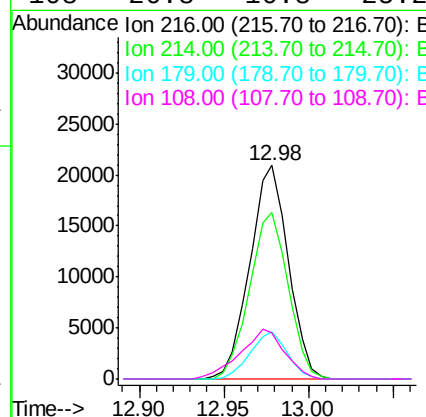
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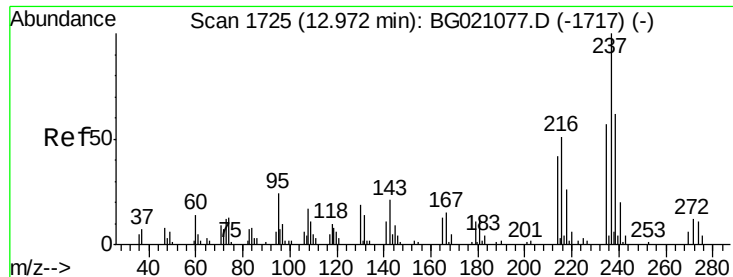
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.26 ng
RT: 12.98 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	33215		
214	78.3	63.5	95.3	
179	21.6	17.4	26.0	
108	26.8	16.8	25.2#	





#40

Hexachlorocyclopentadiene

Concen: 68.79 ng

RT: 12.96 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

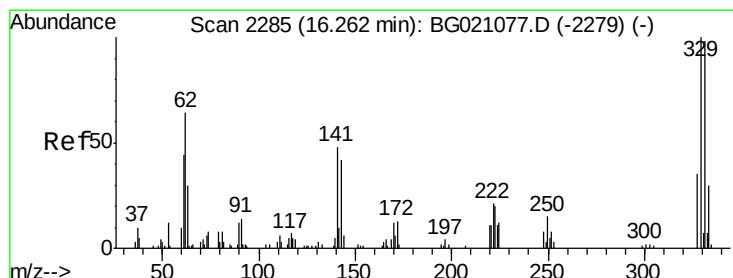
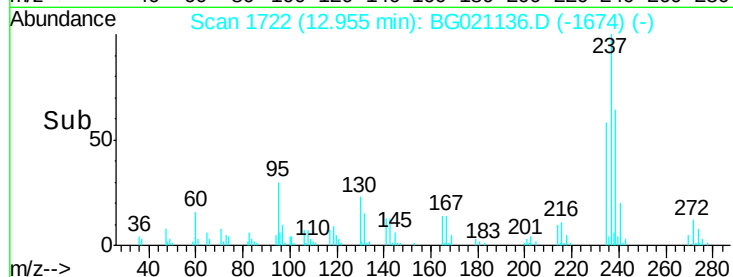
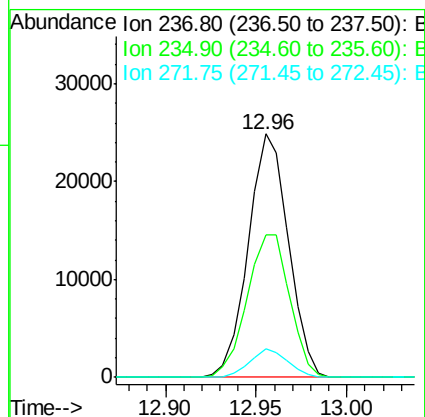
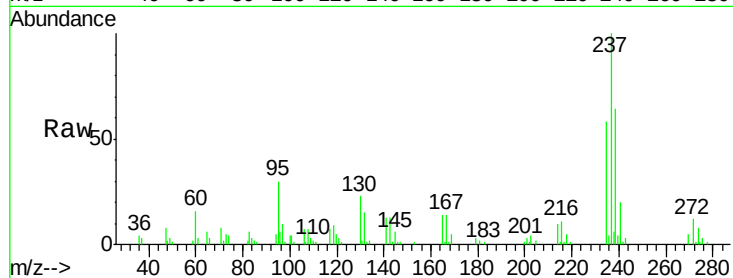
ClientSampleId :

EP004MS

Tgt Ion:	237	Resp:	38265
Ion Ratio	Lower	Upper	
237	100		
235	58.3	42.9	82.9
272	11.7	0.0	32.3

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 146.17 ng

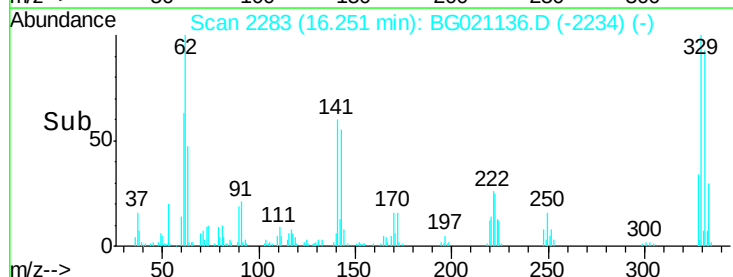
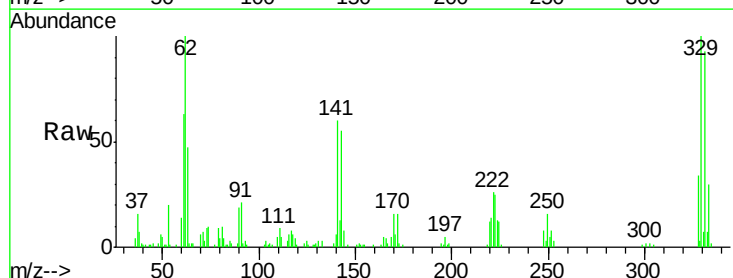
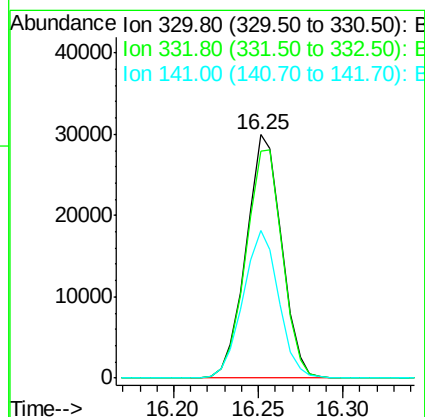
RT: 16.25 min Scan# 2283

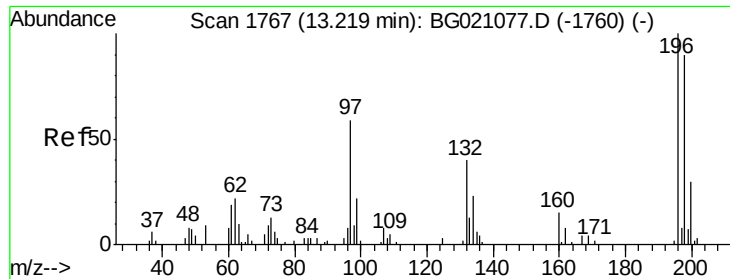
Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Tgt Ion:	330	Resp:	43871
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.4	116.0
141	60.7	35.3	52.9#





#42

2,4,6-Trichlorophenol

Concen: 49.82 ng

RT: 13.21 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BG021136.D

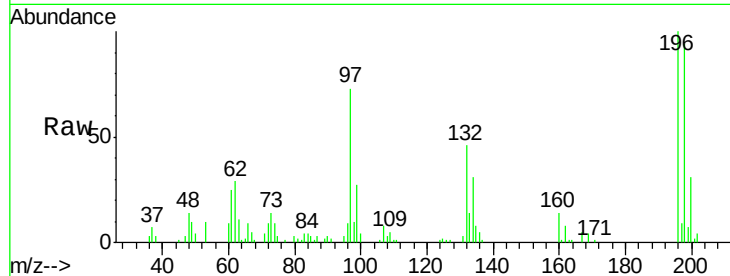
Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

ClientSampleId :

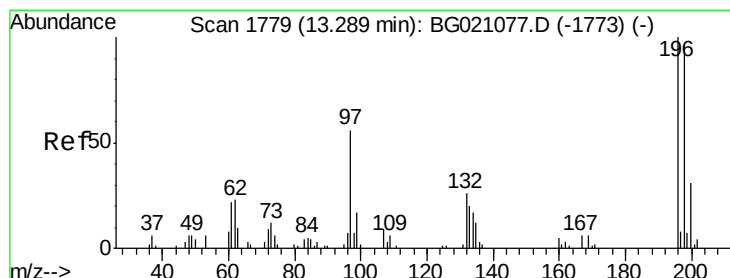
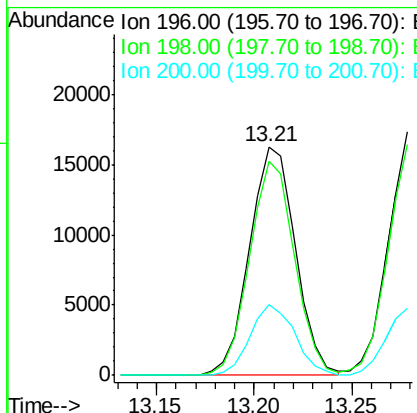
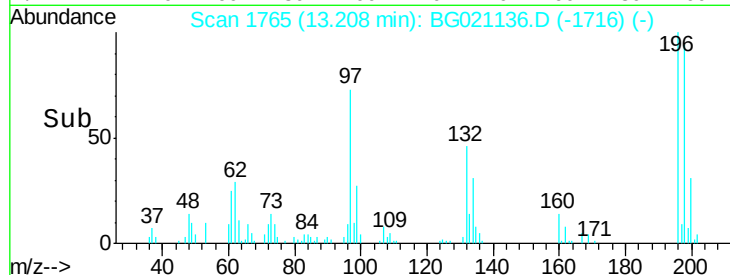
EP004MS



Tgt Ion:	196	Resp:	26432
Ion Ratio	Lower	Upper	
196	100		
198	93.7	75.8	113.8
200	31.2	23.8	35.8

Manual Integrations
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#43

2,4,5-Trichlorophenol

Concen: 53.23 ng

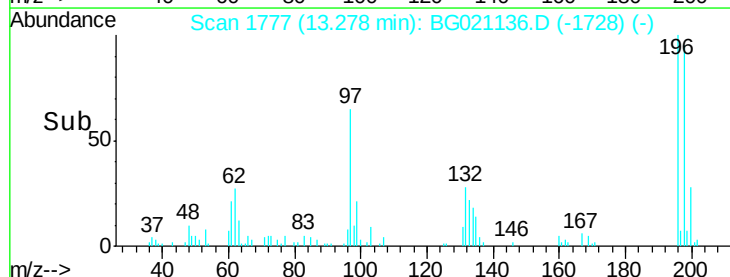
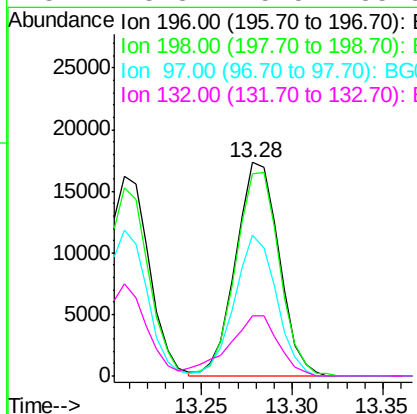
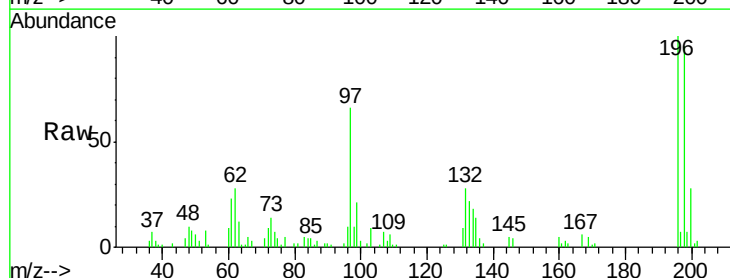
RT: 13.28 min Scan# 1777

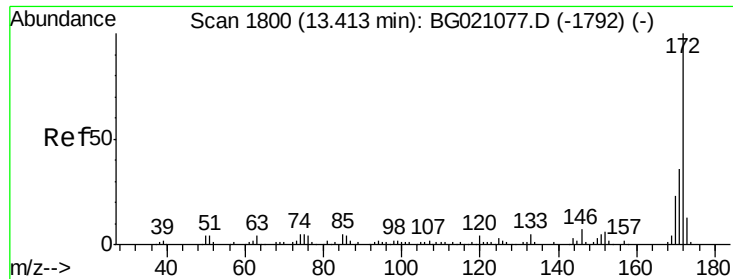
Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Tgt Ion:	196	Resp:	29015
Ion Ratio	Lower	Upper	
196	100		
198	94.7	80.2	120.4
97	66.2	42.9	64.3#
132	28.3	25.5	38.3





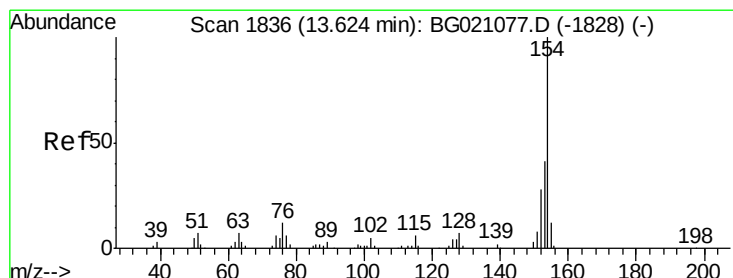
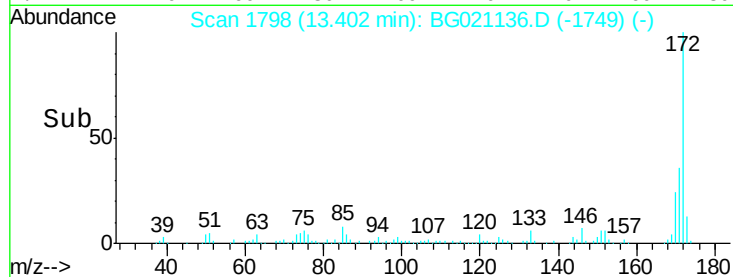
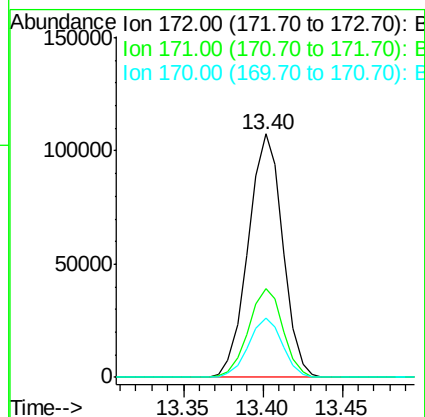
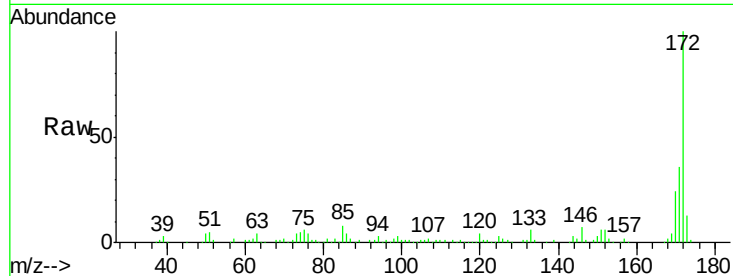
#44
 2-Fluorobiphenyl
 Concen: 90.64 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Instrument :
 BNA_G
 ClientSampleId :
 EP004MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.2	29.4	44.0
170	24.2	19.8	29.8

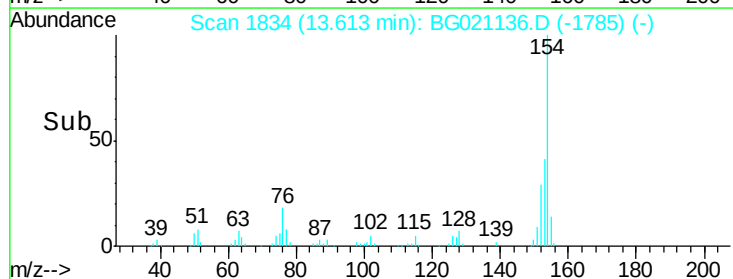
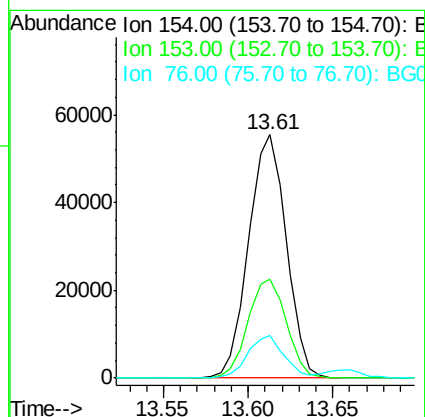
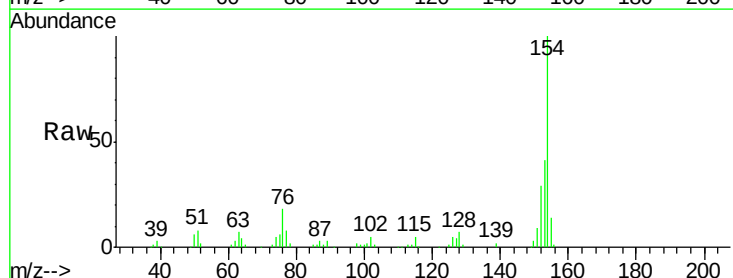
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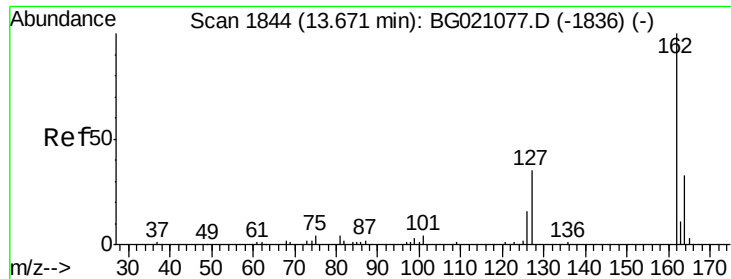
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#45
 1,1'-Biphenyl
 Concen: 44.66 ng
 RT: 13.61 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.8	19.8	59.8
76	17.7	0.0	33.6





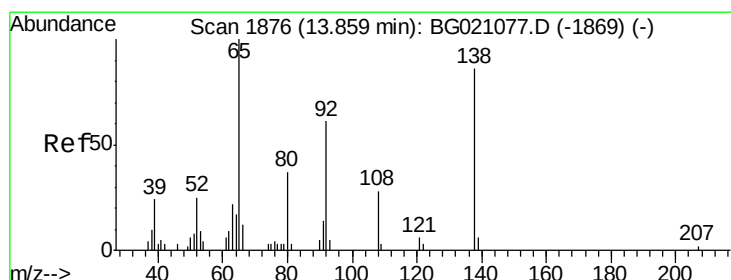
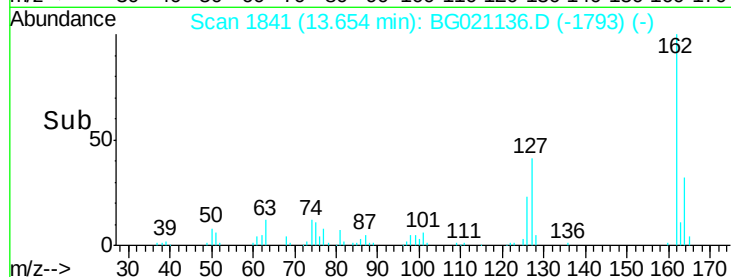
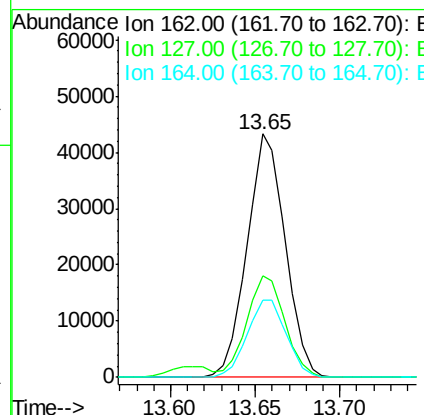
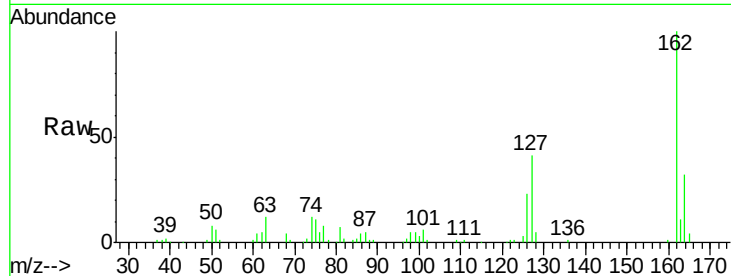
#46
2-Chloronaphthalene
Concen: 46.32 ng
RT: 13.65 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Instrument :
BNA_G
ClientSampleId :
EP004MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	41.5	31.8	47.8
164	31.7	26.3	39.5

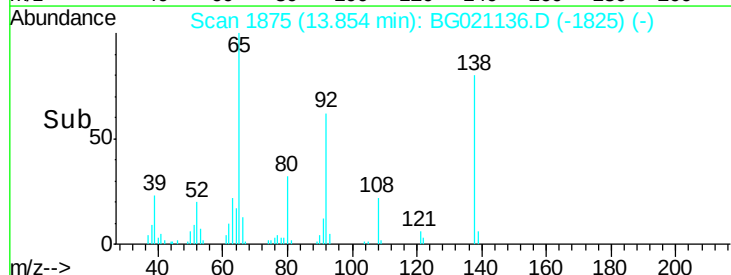
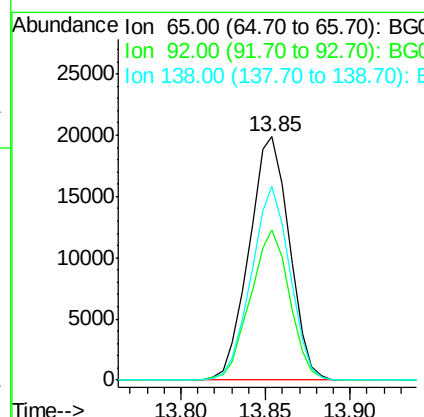
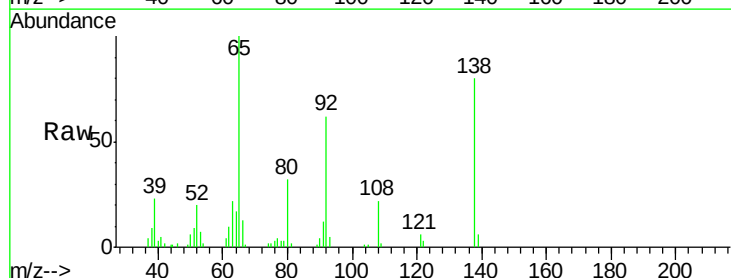
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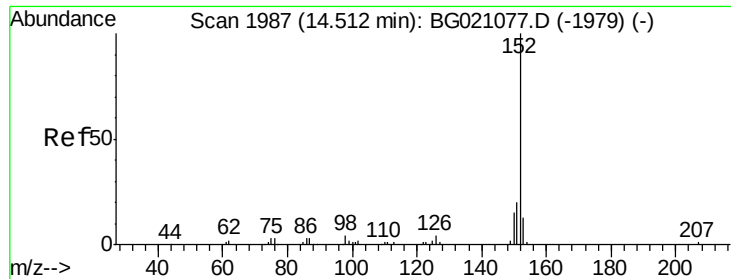
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#47
2-Nitroaniline
Concen: 69.65 ng
RT: 13.85 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	61.8	54.6	82.0
138	79.7	94.9	142.3





#48

Acenaphthylene

Concen: 48.09 ng

RT: 14.50 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

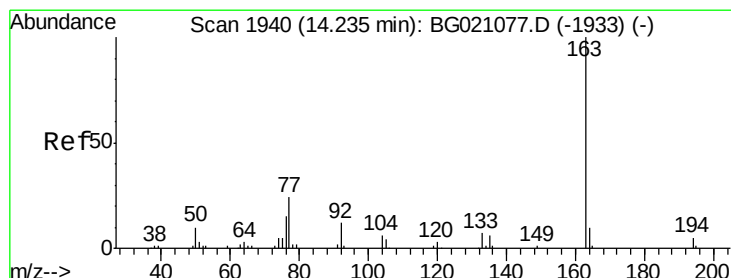
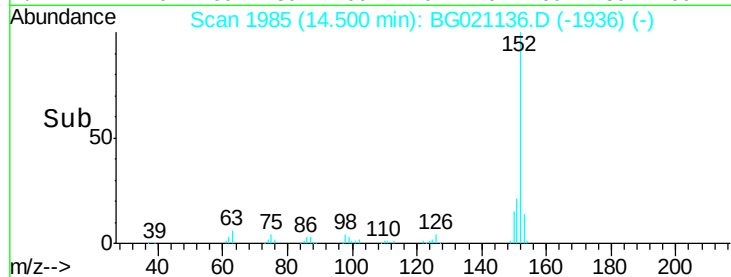
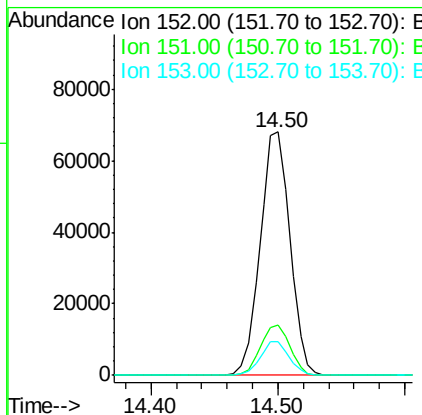
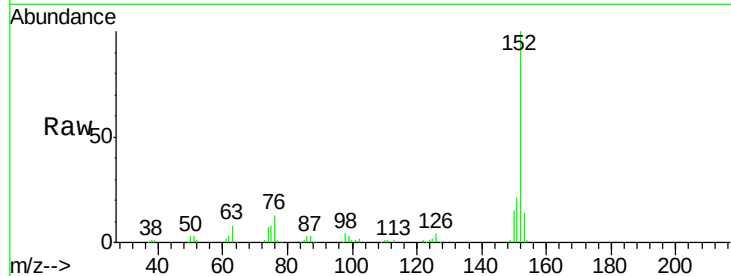
ClientSampleId :

EP004MS

Tgt Ion:	152	Resp:	111287
Ion Ratio		Lower	Upper
152	100		
151	20.7	15.9	23.9
153	13.8	10.2	15.2

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#49

Dimethylphthalate

Concen: 65.57 ng

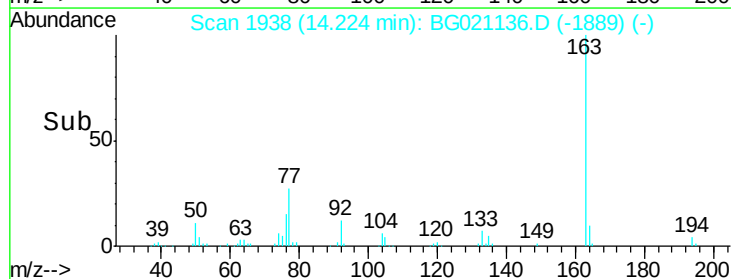
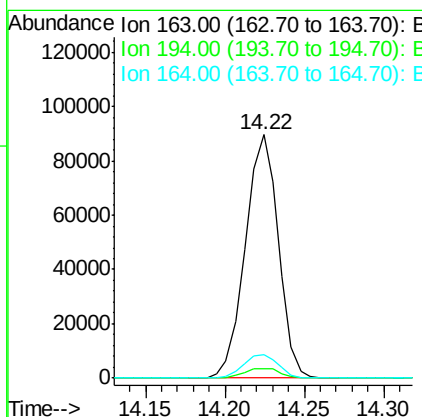
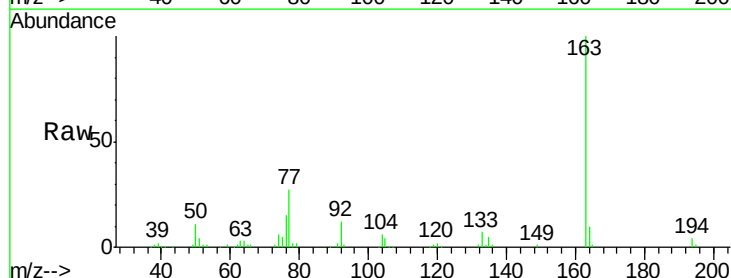
RT: 14.22 min Scan# 1938

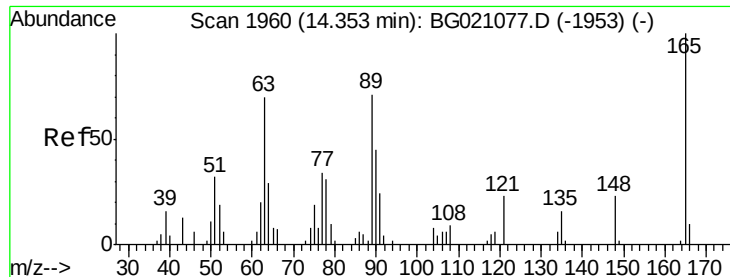
Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Tgt Ion:	163	Resp:	129368
Ion Ratio		Lower	Upper
163	100		
194	4.1	2.8	4.2
164	9.8	7.9	11.9





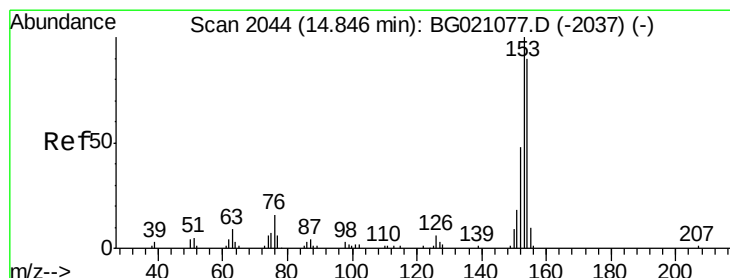
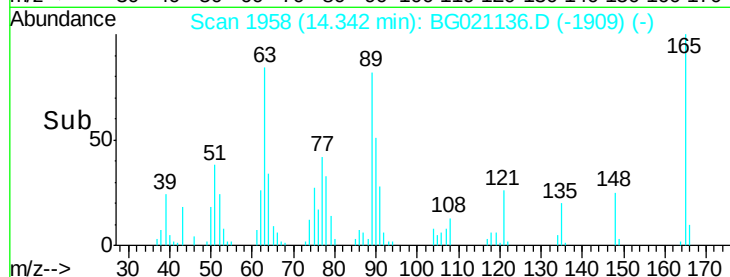
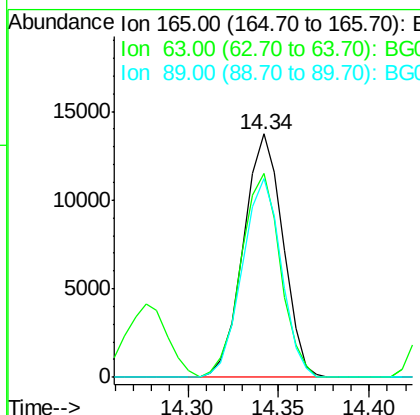
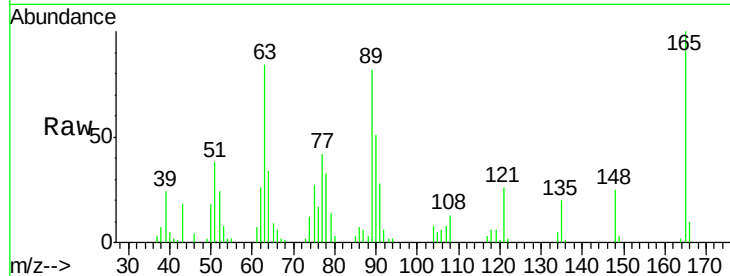
#50
2,6-Dinitrotoluene
Concen: 51.14 ng
RT: 14.34 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Instrument :
BNA_G
ClientSampleId :
EP004MS

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	83.6	42.1	63.1#
89	81.8	46.1	69.1#

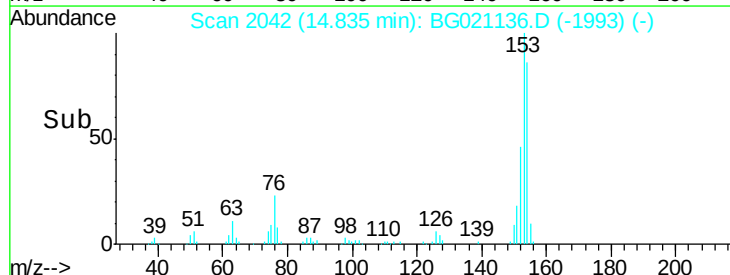
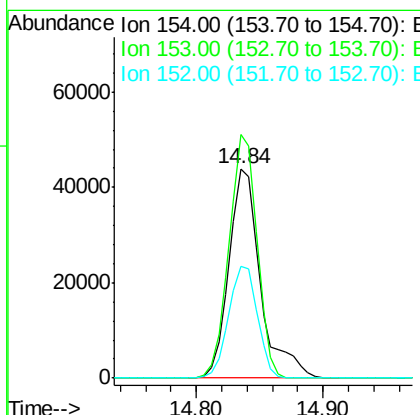
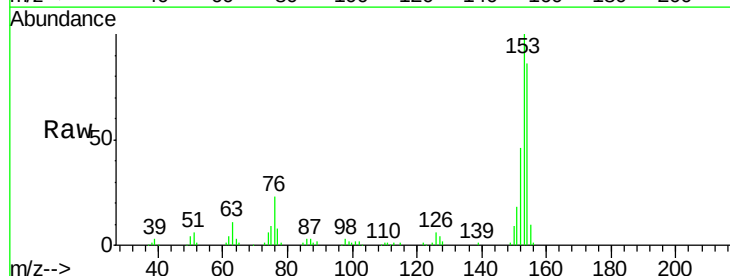
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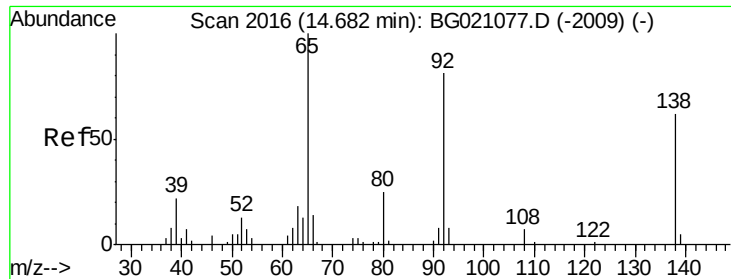
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#51
Acenaphthene
Concen: 47.75 ng
RT: 14.84 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	116.3	94.2	141.2
152	53.3	42.9	64.3





#52

3-Nitroaniline

Concen: 28.21 ng

RT: 14.67 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

ClientSampleId :

EP004MS

Tgt Ion:138 Resp: 11142

Ion Ratio Lower Upper

138 100

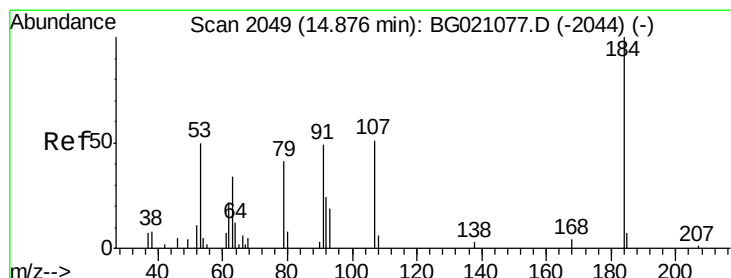
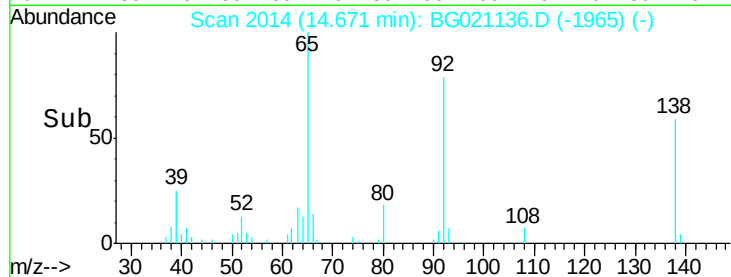
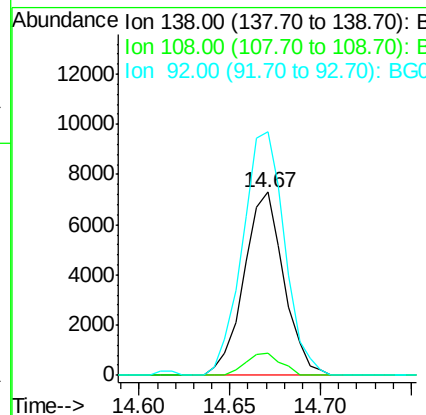
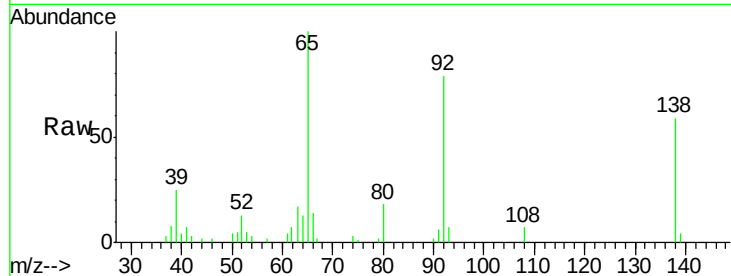
108 12.4 5.8 8.6#

92 132.8 83.6 125.4#

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#53

2,4-Dinitrophenol

Concen: 40.07 ng

RT: 14.87 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

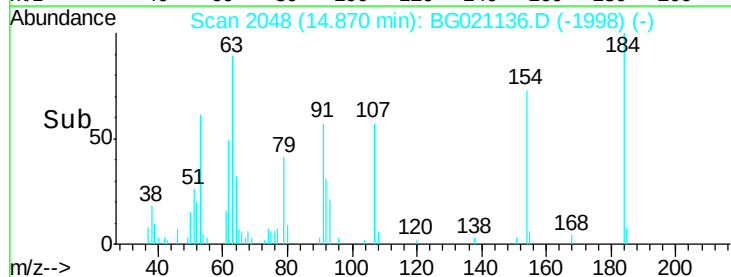
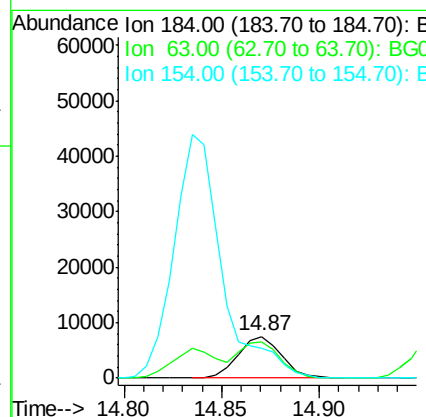
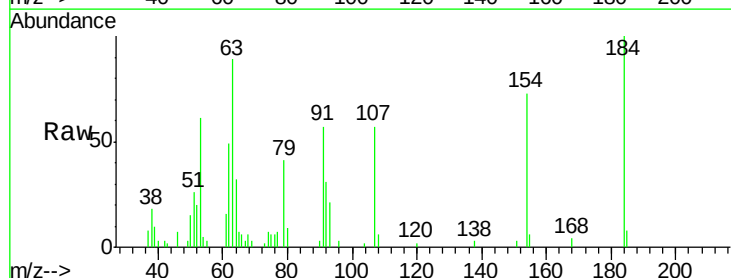
Tgt Ion:184 Resp: 11340

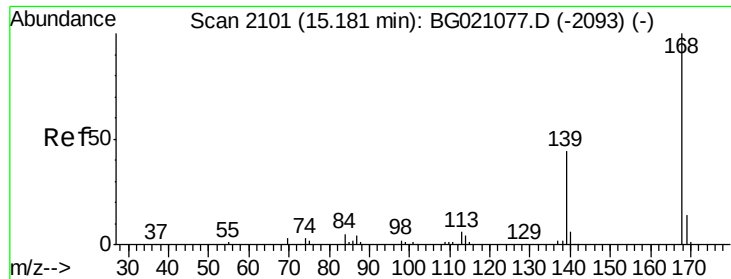
Ion Ratio Lower Upper

184 100

63 89.0 57.0 85.6#

154 72.5 51.3 76.9





#54

Dibenzenofuran

Concen: 53.48 ng

RT: 15.17 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

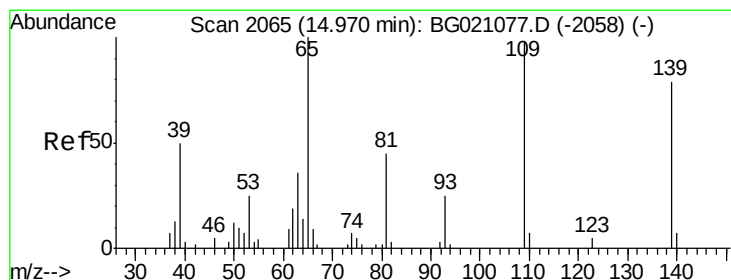
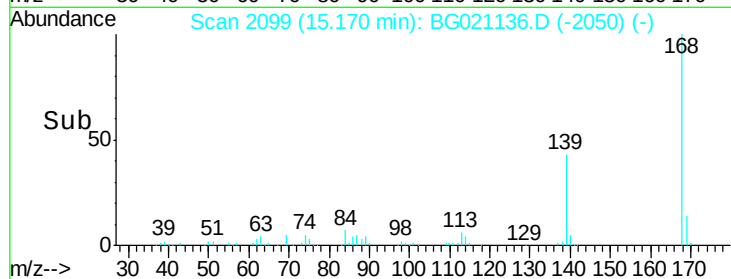
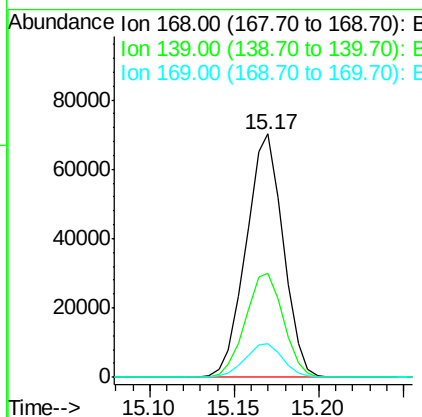
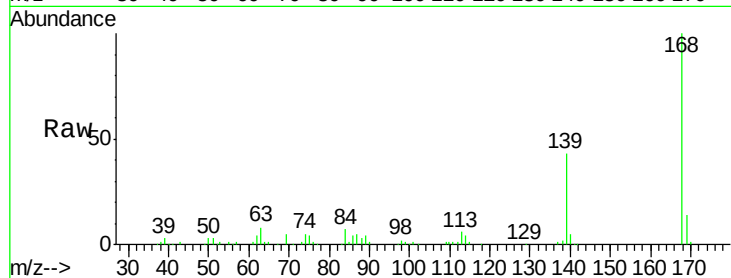
ClientSampleId :

EP004MS

Tgt Ion:	168	Resp:	106934
Ion Ratio		Lower	Upper
168	100		
139	42.7	29.8	44.8
169	14.0	11.4	17.2

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#55

4-Nitrophenol

Concen: 122.17 ng

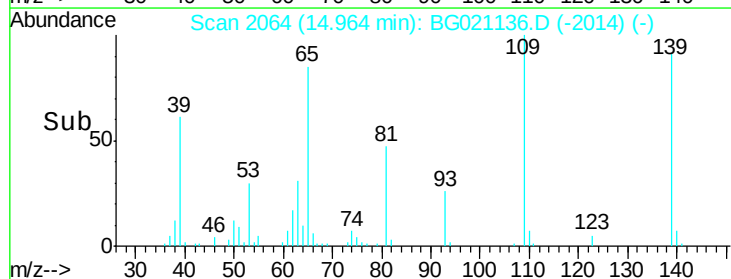
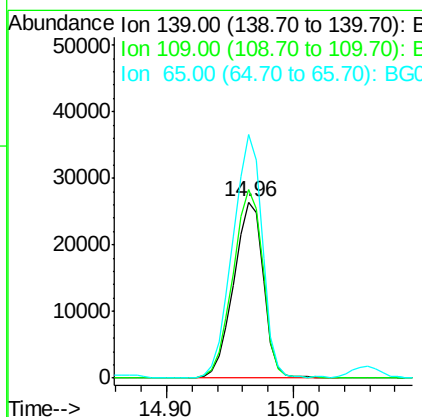
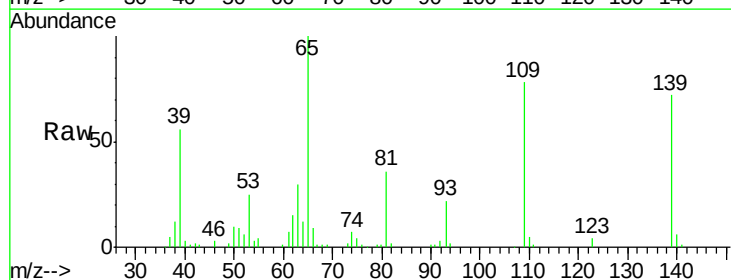
RT: 14.96 min Scan# 2064

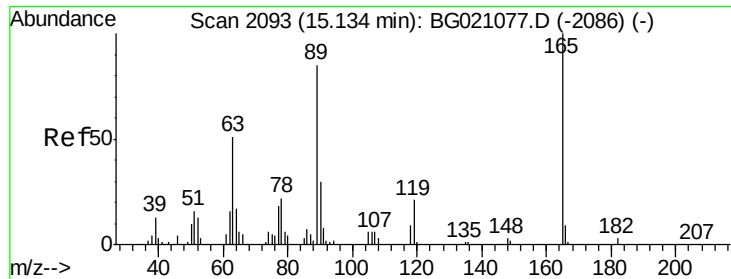
Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Tgt Ion:	139	Resp:	42800
Ion Ratio		Lower	Upper
139	100		
109	107.5	54.1	94.1#
65	138.4	73.4	113.4#





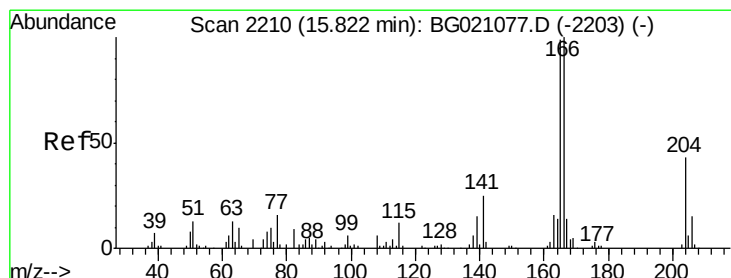
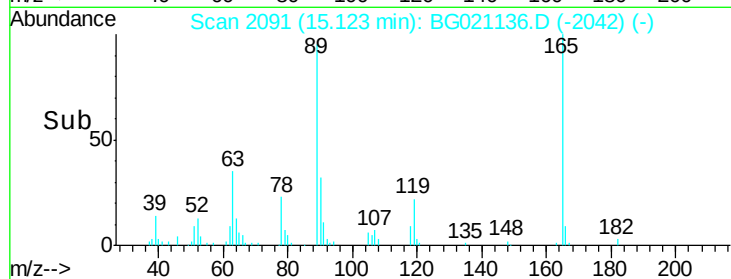
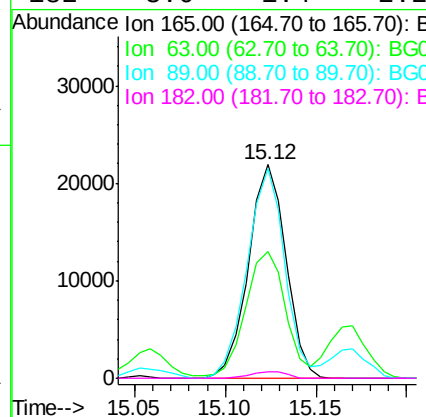
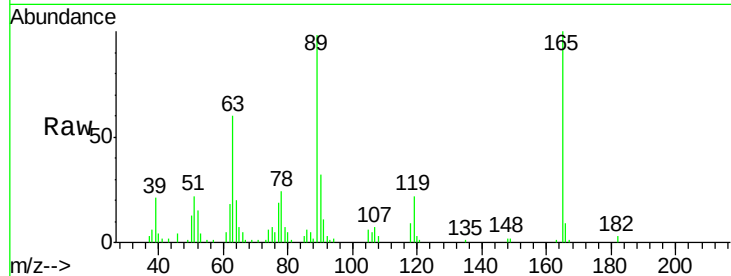
#56
2,4-Dinitrotoluene
Concen: 54.08 ng
RT: 15.12 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Instrument :
BNA_G
ClientSampleId :
EP004MS

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	59.5	34.1	51.1#
89	98.1	63.0	94.4#
182	3.0	1.4	2.2#

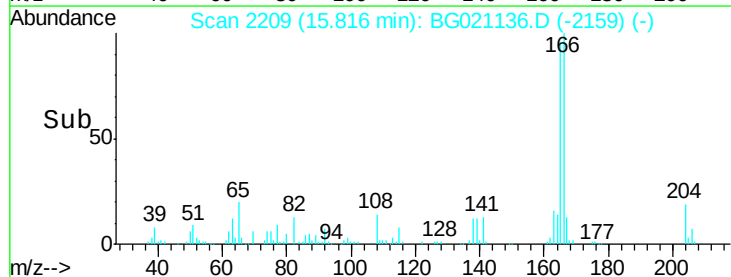
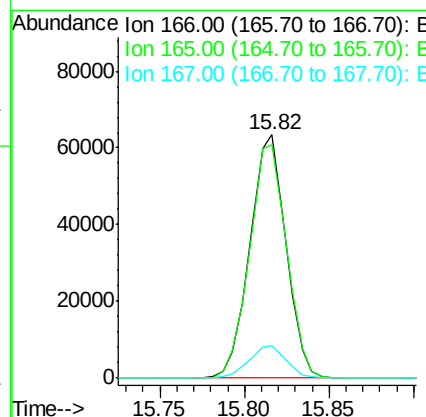
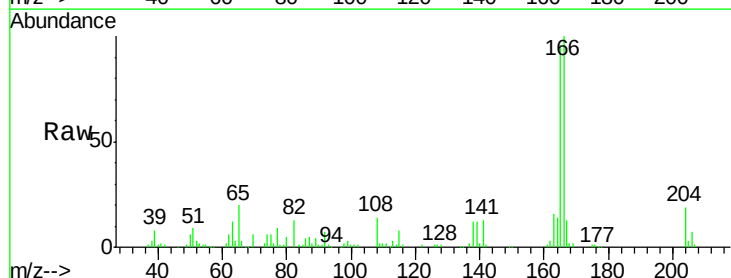
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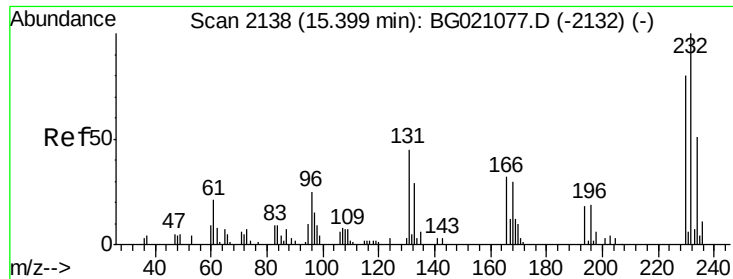
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#57
Fluorene
Concen: 48.45 ng
RT: 15.82 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	96.1	81.3	121.9
167	13.3	10.6	16.0





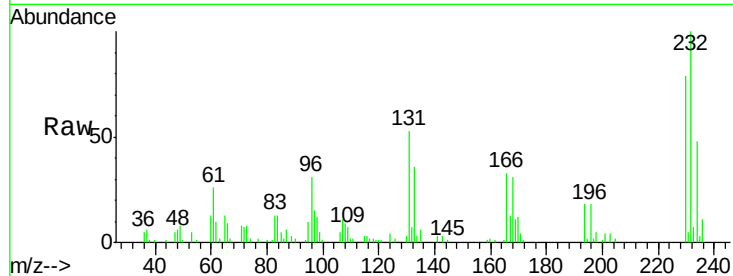
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.01 ng
 RT: 15.39 min Scan# 2136
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Instrument :
 BNA_G
 ClientSampleId :
 EP004MS

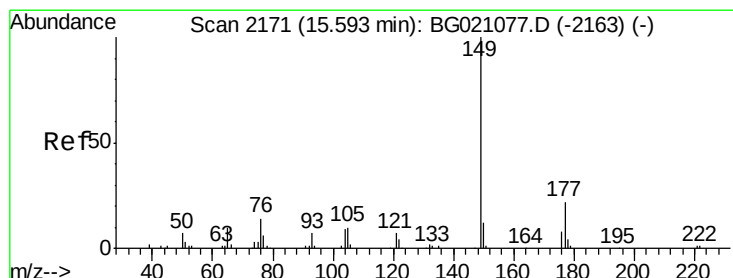
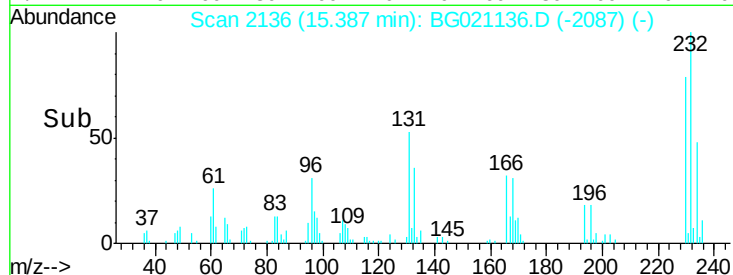
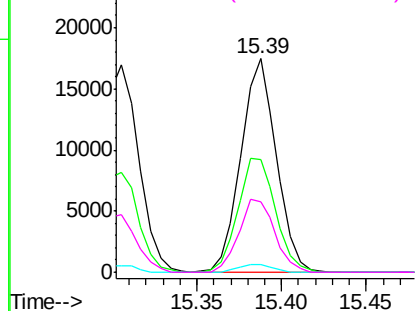
Tgt Ion	Ratio	Resp Lower	Upper
232	100		
131	56.2	41.4	62.2
130	3.5	1.8	2.8
166	34.4	26.6	39.8

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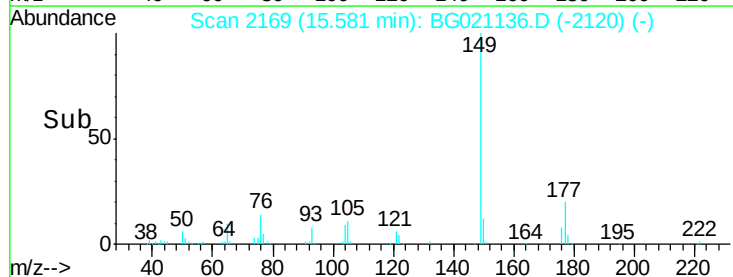
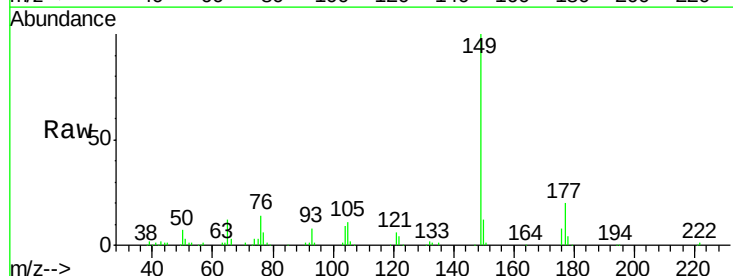
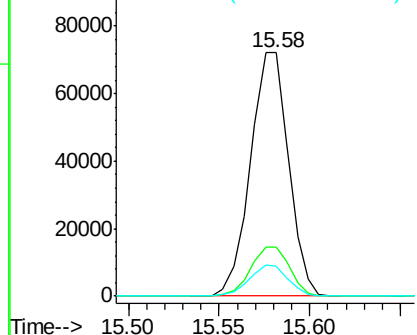
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

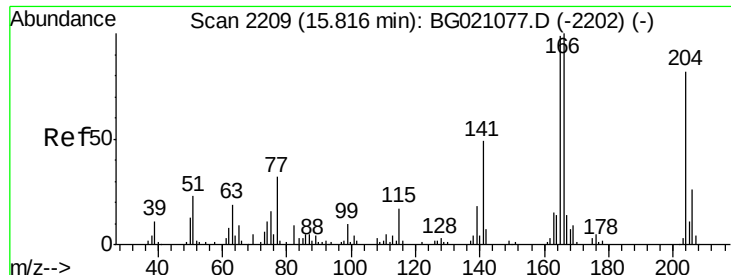


#59
 Diethylphthalate
 Concen: 50.62 ng
 RT: 15.58 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	20.4	15.8	23.8
150	12.0	10.1	15.1

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





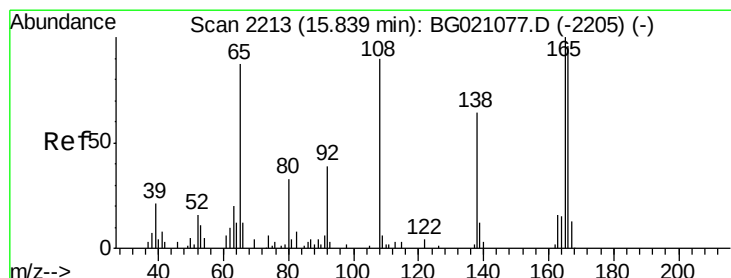
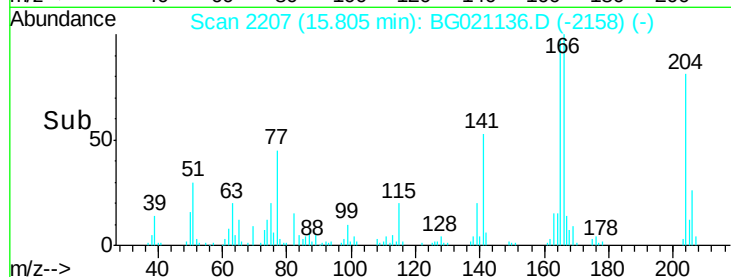
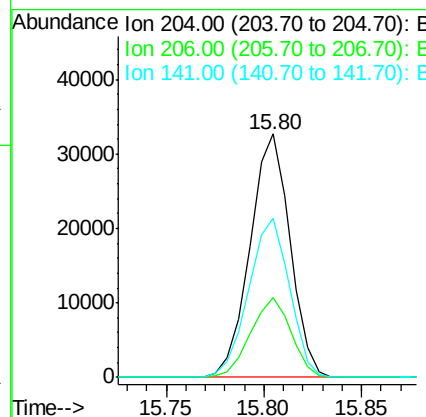
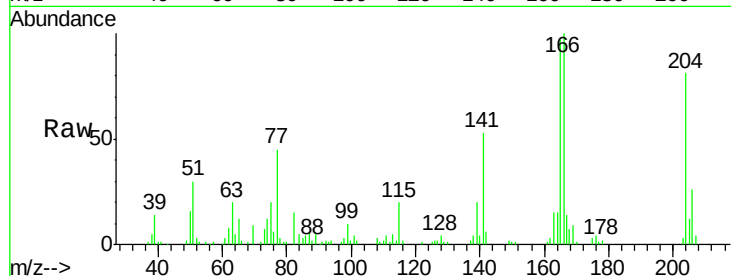
#60
 4-Chlorophenyl-phenylether
 Concen: 43.20 ng
 RT: 15.80 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Instrument :
 BNA_G
 ClientSampled :
 EP004MS

Tgt Ion:	204	Resp:	46227
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.9	40.3
141	65.3	50.8	76.2

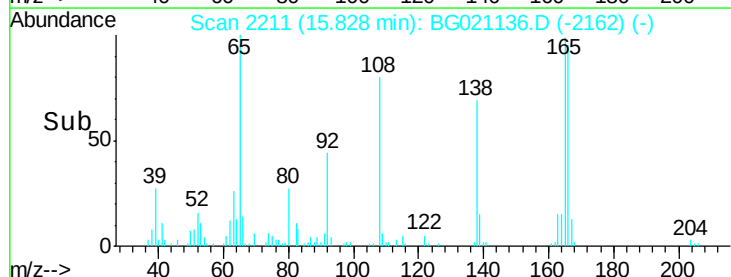
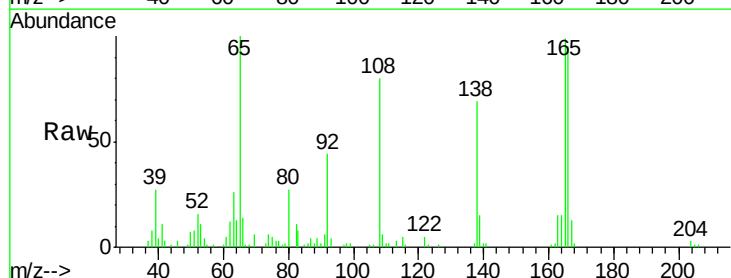
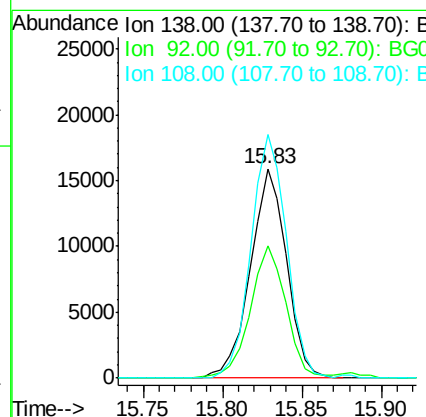
Manual Integrations
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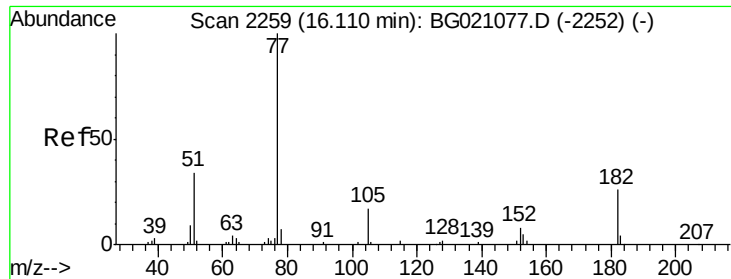
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#61
 4-Nitroaniline
 Concen: 55.94 ng
 RT: 15.83 min Scan# 2211
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Tgt Ion:	138	Resp:	25157
Ion Ratio	Lower	Upper	
138	100		
92	63.2	28.0	68.0
108	116.3	52.6	92.6#





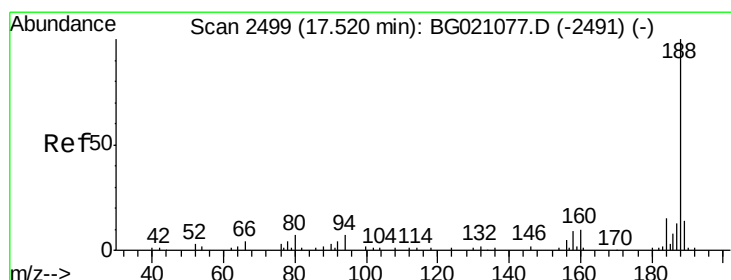
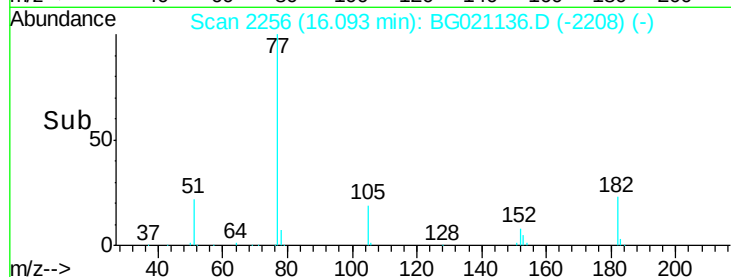
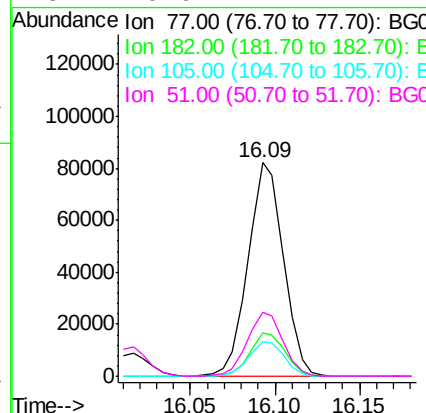
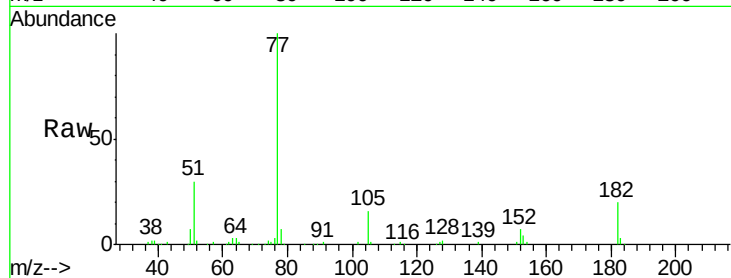
#62
Azobenzene
Concen: 66.54 ng
RT: 16.09 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Instrument :
BNA_G
ClientSampleId :
EP004MS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100		119879		
182	20.1	0.7	40.7		
105	16.1	0.0	38.3		
51	29.9	4.4	44.4		

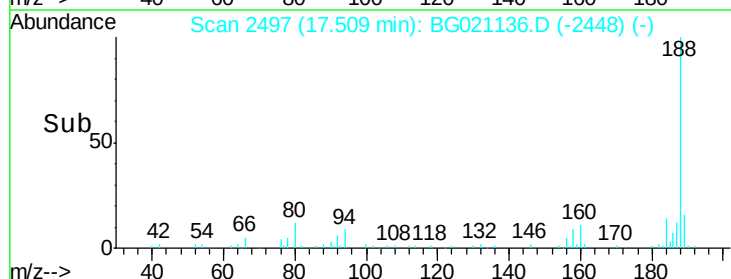
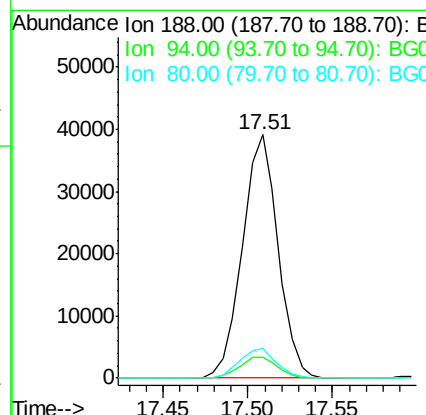
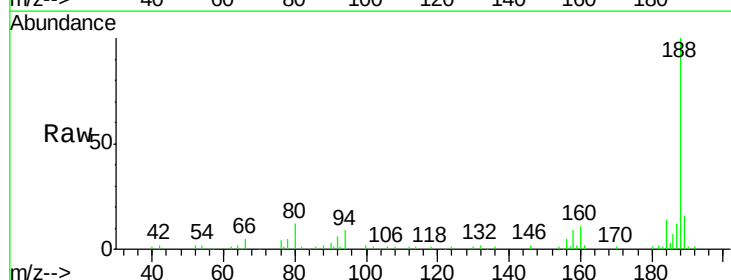
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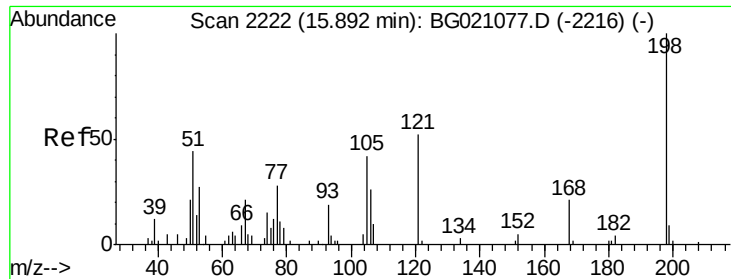
UMANGI
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		57477		
94	8.7	8.2	12.4		
80	12.1	9.2	13.8		





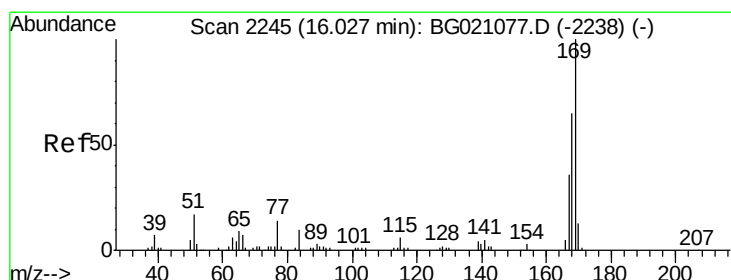
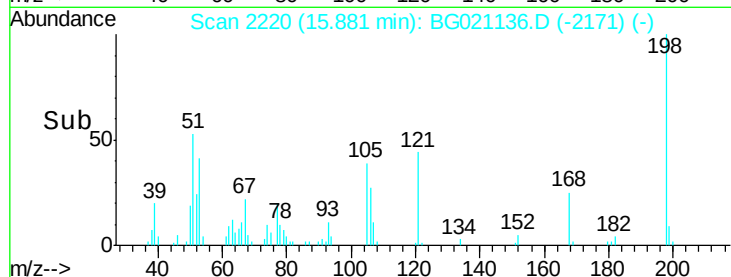
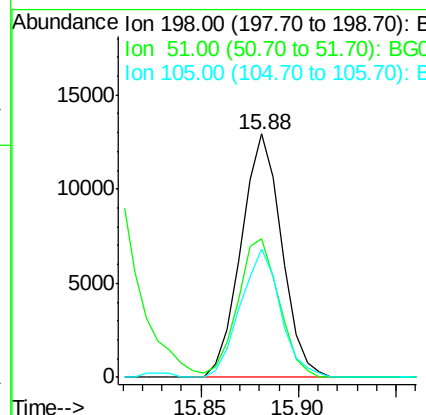
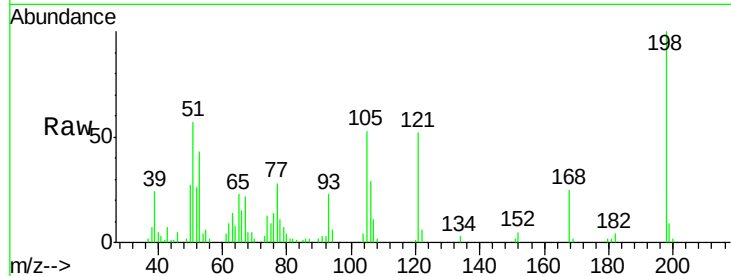
#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.01 ng
 RT: 15.88 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Instrument :
 BNA_G
 ClientSampleId :
 EP004MS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	18554		
51	56.9	30.4	70.4	
105	52.7	32.8	72.8	

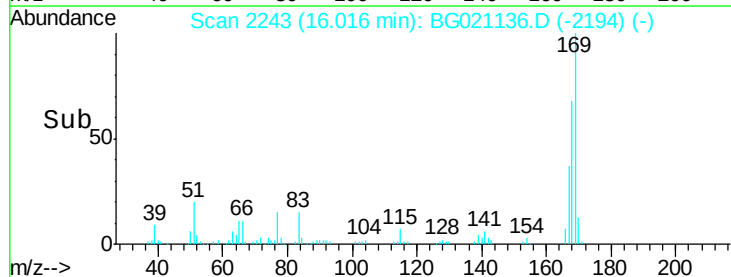
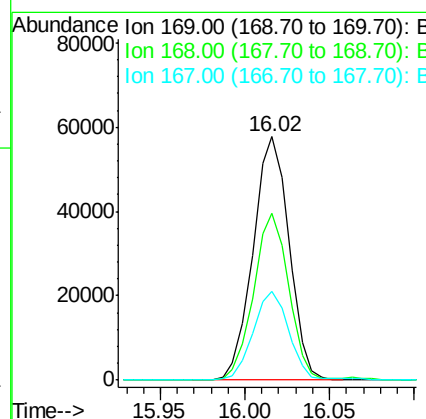
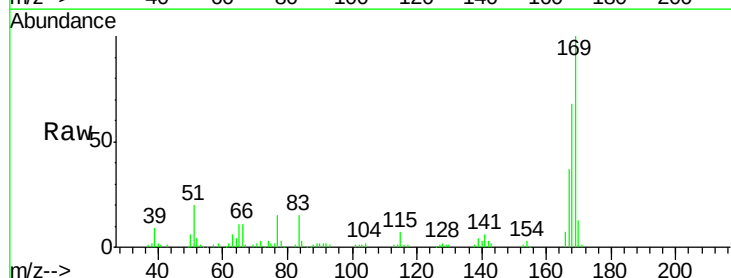
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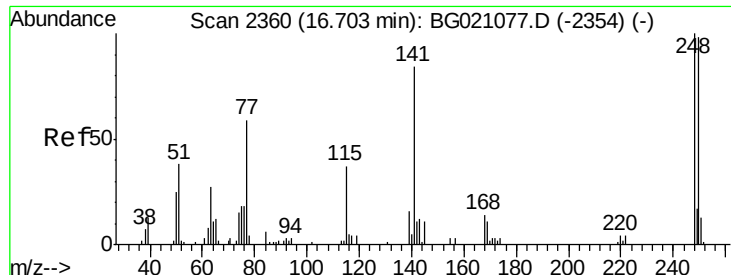
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#65
 n-Nitrosodiphenylamine
 Concen: 50.43 ng
 RT: 16.02 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	85520		
168	68.4	58.2	87.2	
167	36.7	31.0	46.6	





#66

4-Bromophenyl-phenylether

Concen: 41.79 ng

RT: 16.70 min Scan# 2359

Delta R.T. -0.01 min

Lab File: BG021136.D

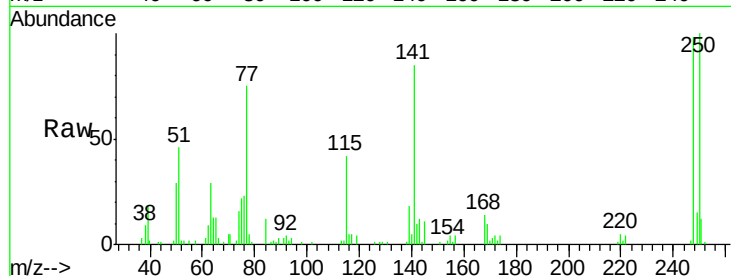
Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

ClientSampled :

EP004MS



Tgt Ion: 248 Resp: 28281

Ion Ratio Lower Upper

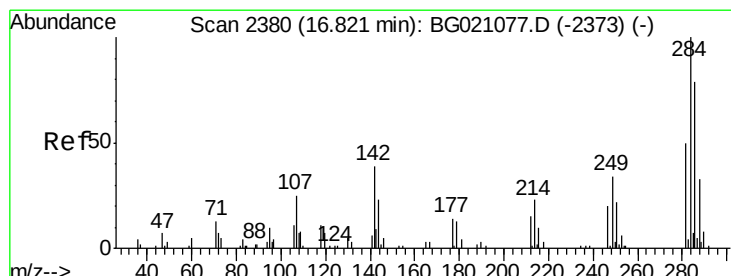
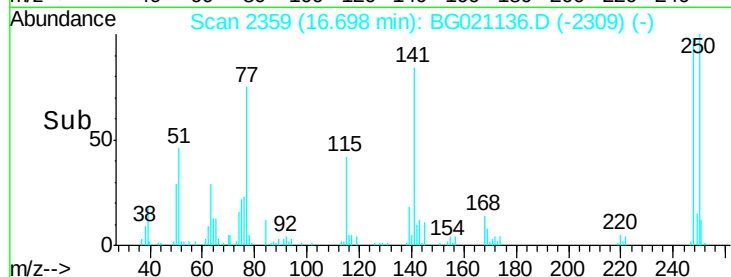
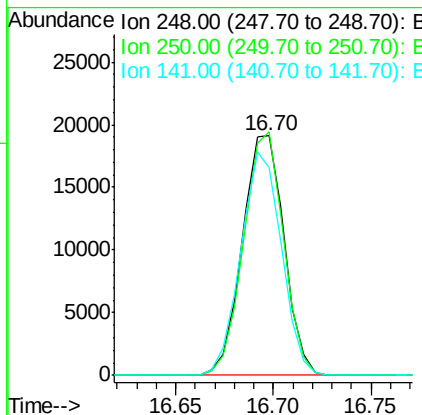
248 100

250 101.6 76.4 114.6

141 86.6 57.4 86.0#

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#67

Hexachlorobenzene

Concen: 40.45 ng

RT: 16.81 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

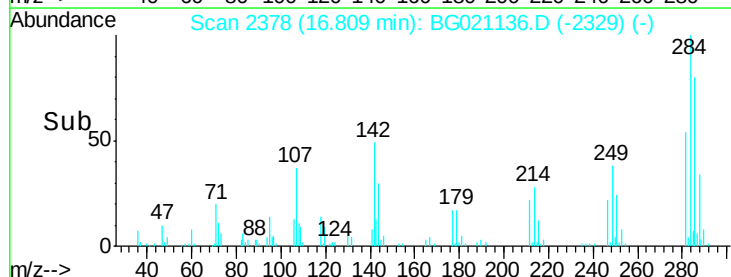
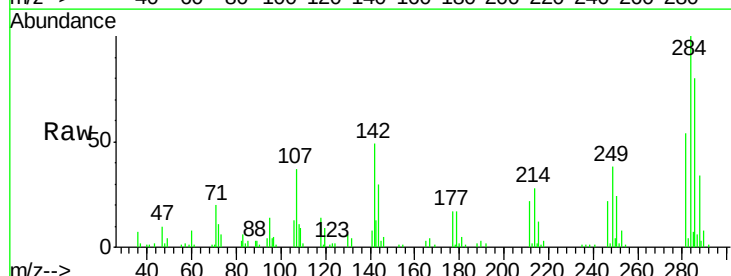
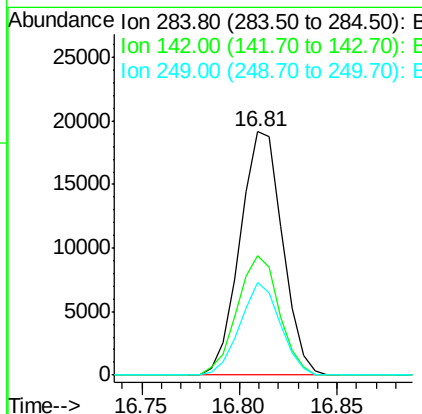
Tgt Ion: 284 Resp: 28879

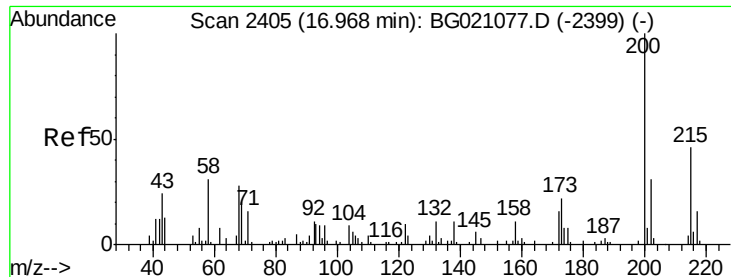
Ion Ratio Lower Upper

284 100

142 49.0 32.1 48.1#

249 41.6 24.0 36.0#





#68

Atrazine

Concen: 54.74 ng

RT: 16.96 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

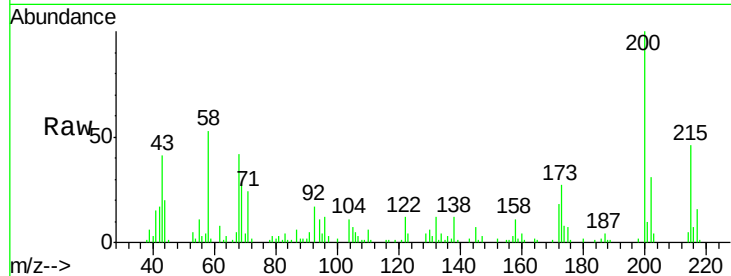
ClientSampleId :

EP004MS

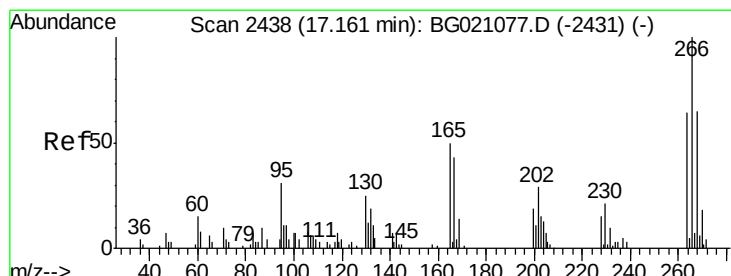
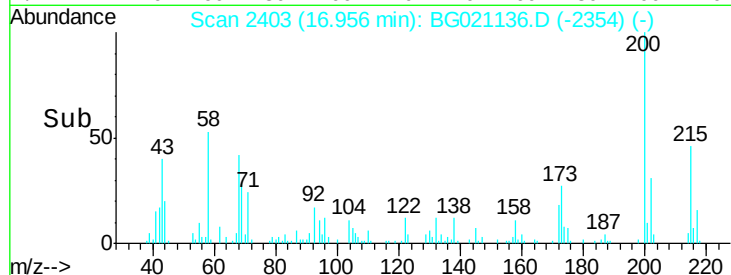
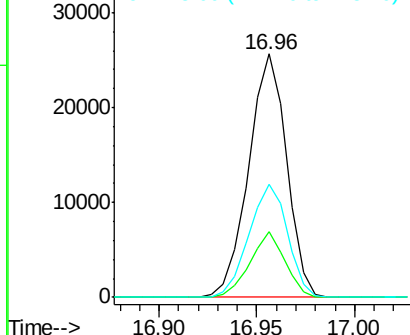
Tgt Ion:	200	Resp:	34396
Ion Ratio	Lower	Upper	
200	100		
173	26.8	3.9	43.9
215	46.4	29.0	69.0

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



#69

Pentachlorophenol

Concen: 84.75 ng

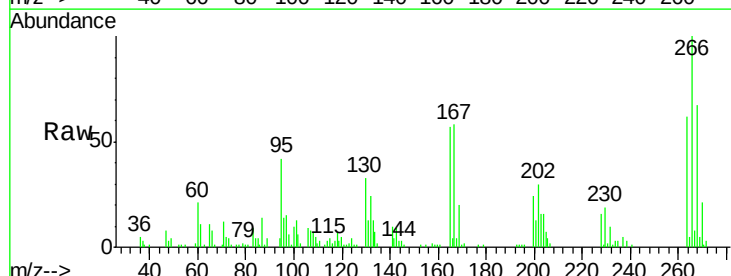
RT: 17.15 min Scan# 2436

Delta R.T. -0.01 min

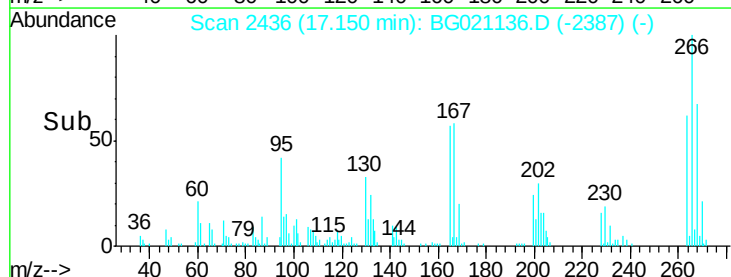
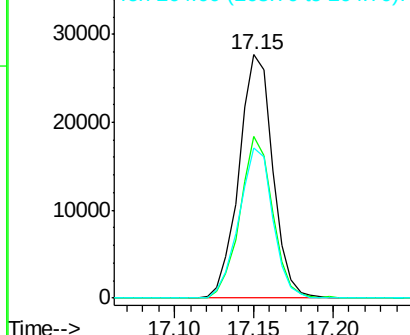
Lab File: BG021136.D

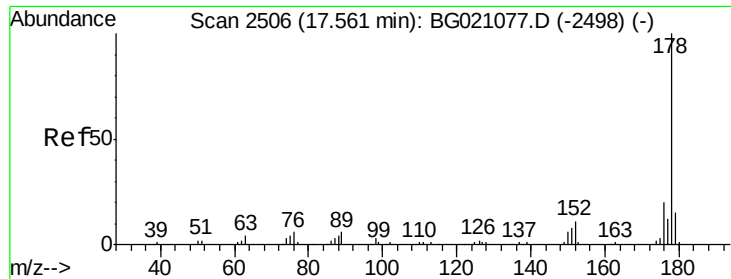
Acq: 28 Feb 2016 4:50

Tgt Ion:	266	Resp:	40847
Ion Ratio	Lower	Upper	
266	100		
268	71.3	51.0	76.6
264	67.2	47.8	71.8



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





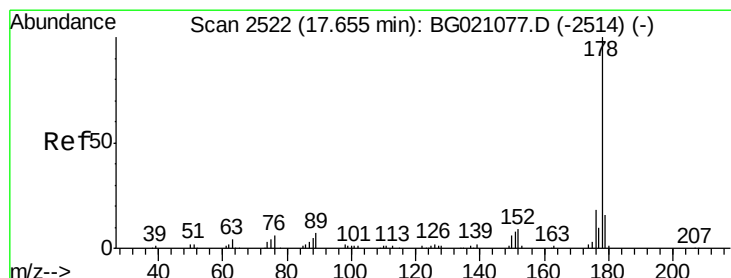
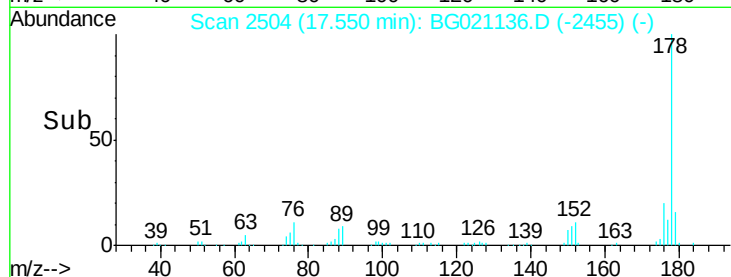
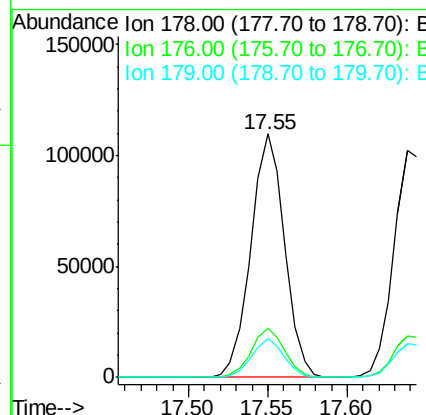
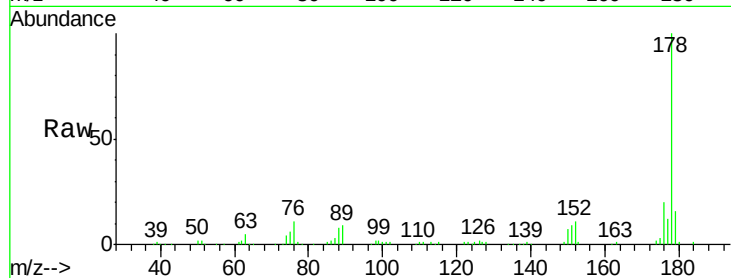
#70
Phenanthrene
Concen: 52.35 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Instrument :
BNA_G
ClientSampleId :
EP004MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	20.1	16.2	24.4
179	15.7	12.9	19.3

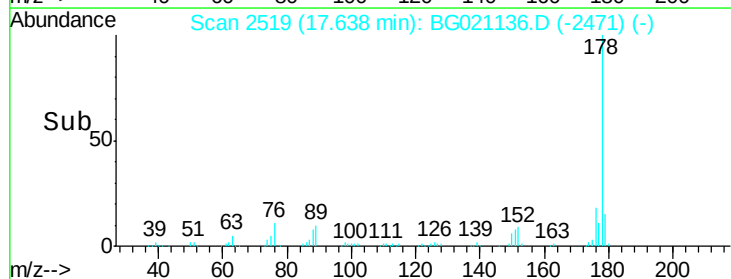
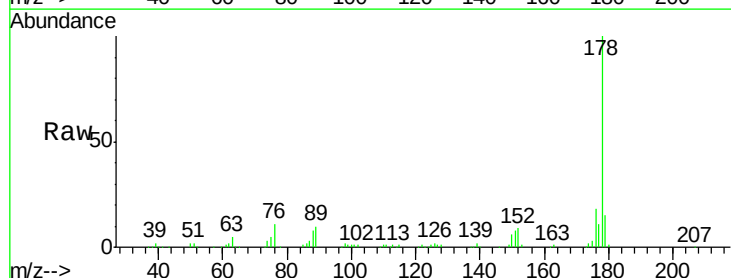
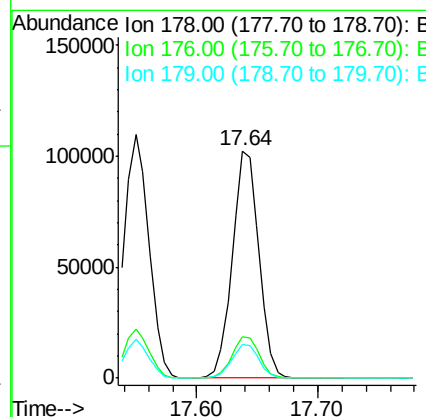
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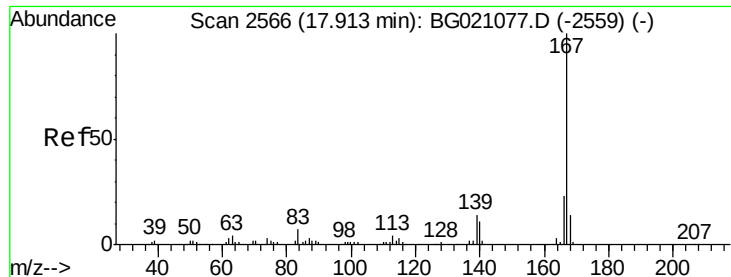
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#71
Anthracene
Concen: 50.14 ng
RT: 17.64 min Scan# 2519
Delta R.T. -0.02 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.0	14.8	22.2
179	14.7	12.6	19.0





#72

Carbazole

Concen: 55.98 ng

RT: 17.91 min Scan# 2565

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

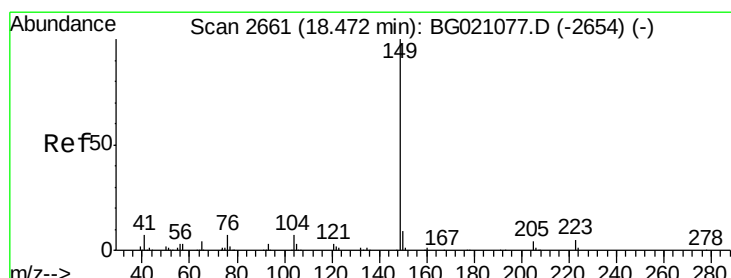
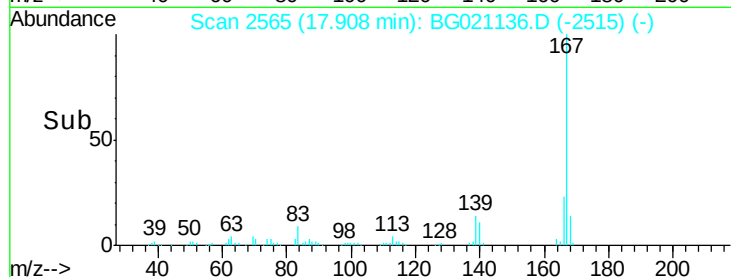
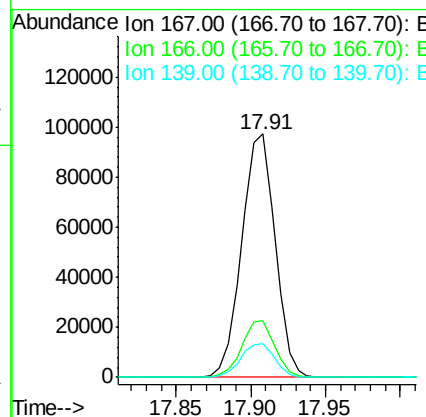
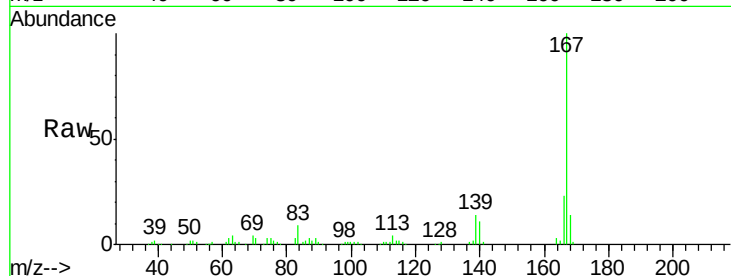
ClientSampleId :

EP004MS

Tgt Ion:	167	Resp:	150534
Ion Ratio		Lower	Upper
167	100		
166	23.1	17.5	26.3
139	13.9	10.3	15.5

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 55.47 ng

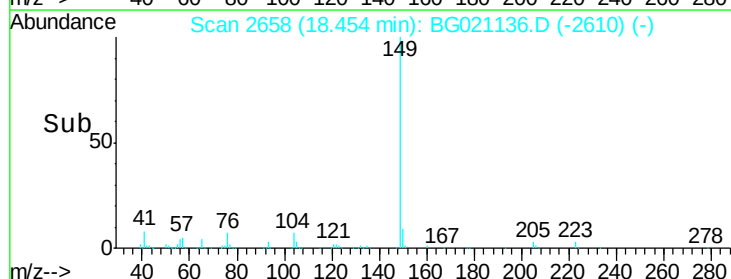
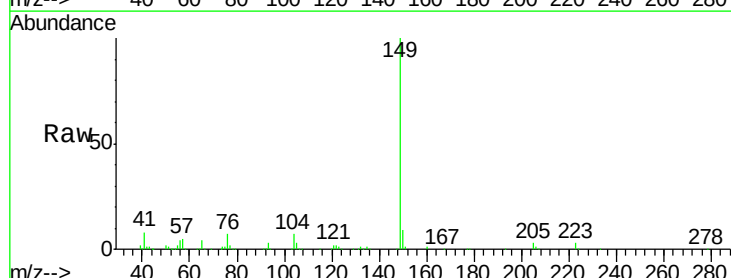
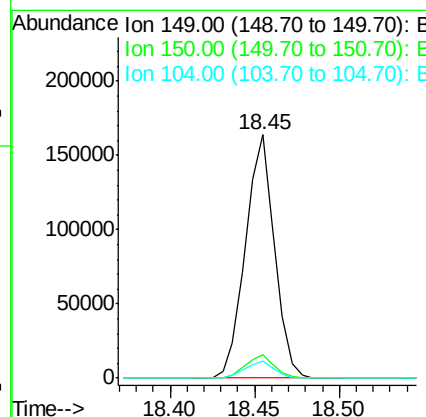
RT: 18.45 min Scan# 2658

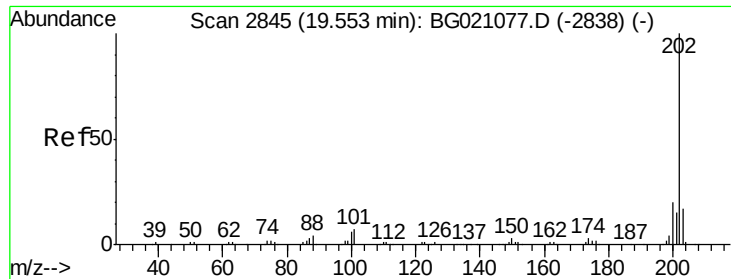
Delta R.T. -0.02 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Tgt Ion:	149	Resp:	196619
Ion Ratio		Lower	Upper
149	100		
150	9.4	7.6	11.4
104	6.9	4.1	6.1#





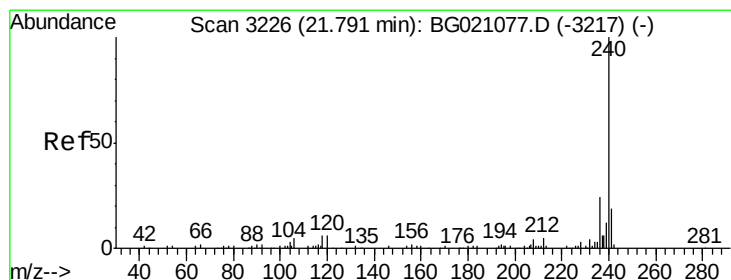
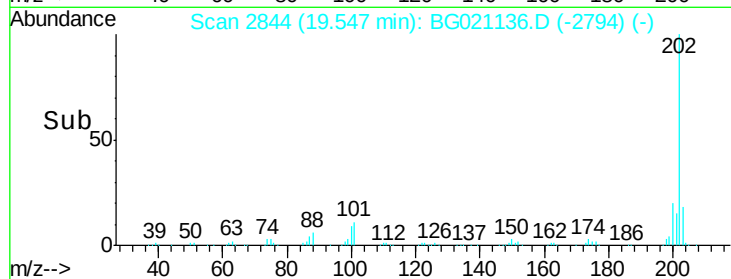
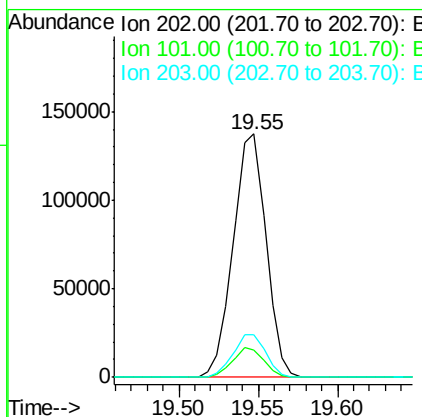
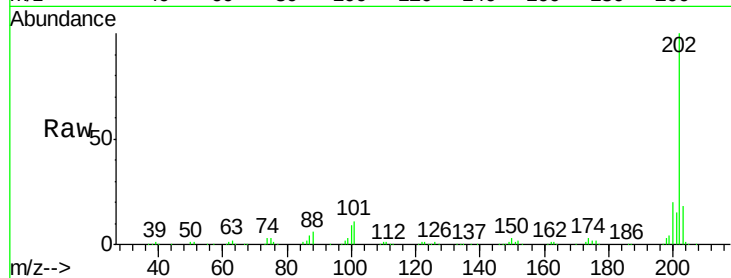
#74
 Fluoranthene
 Concen: 50.86 ng
 RT: 19.55 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Instrument :
 BNA_G
 ClientSampleId :
 EP004MS

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		197326		
101	11.3	0.0	32.5		
203	17.7	0.0	37.6		

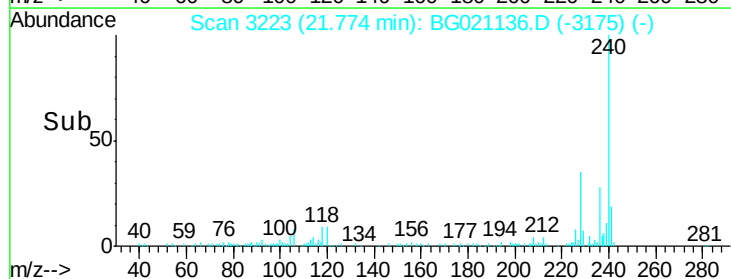
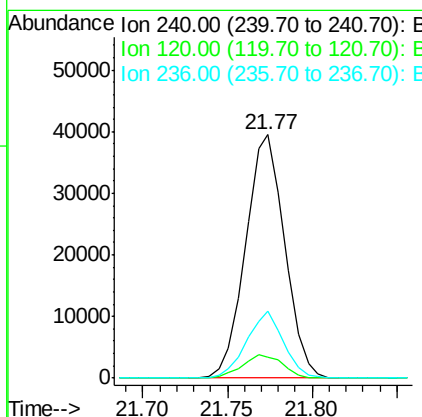
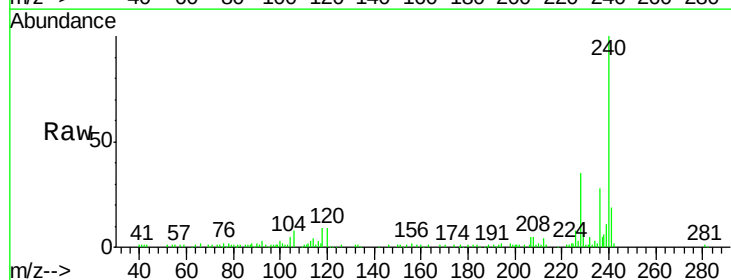
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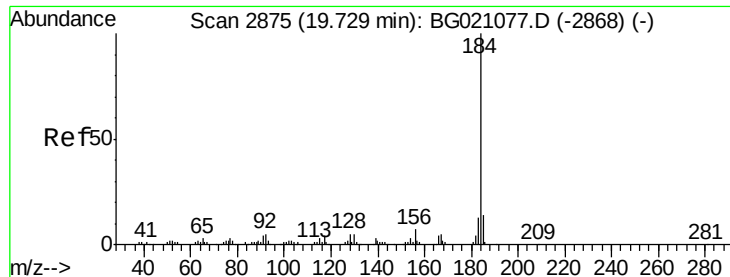
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.77 min Scan# 3223
 Delta R.T. -0.02 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		63423		
120	8.8	7.5	11.3		
236	27.5	20.5	30.7		





#76

Benzidine

Concen: 20.47 ng

RT: 19.72 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

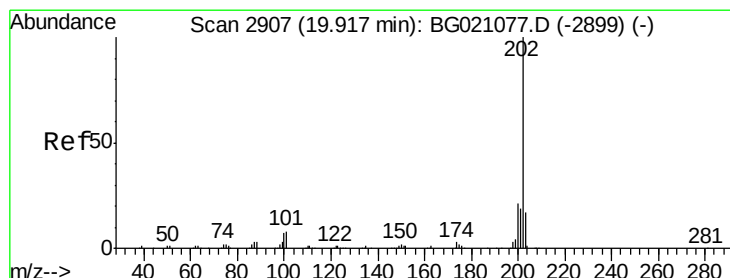
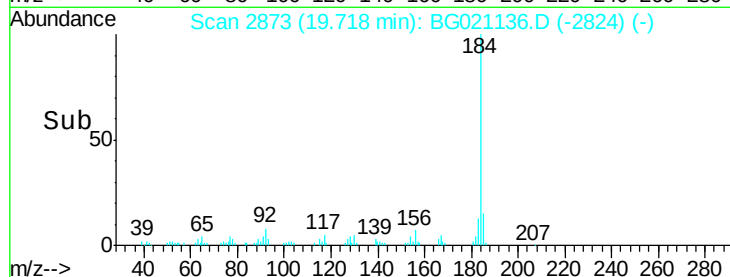
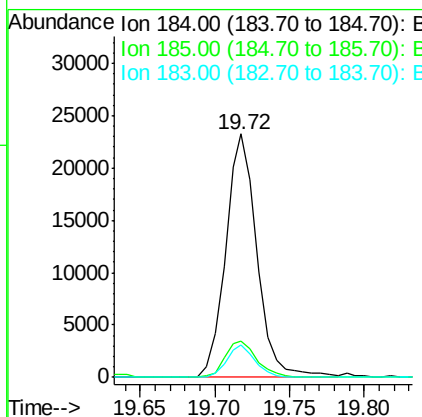
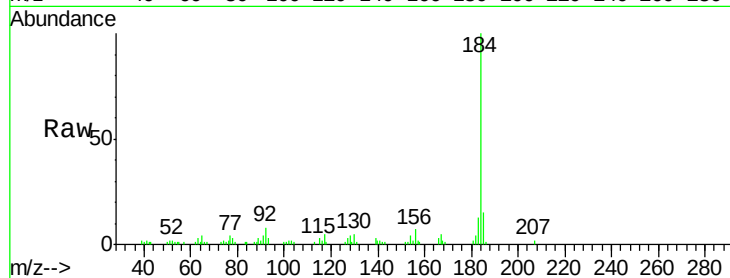
ClientSampleId :

EP004MS

Tgt Ion:	184	Resp:	34164
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.5	17.3
183	13.3	10.1	15.1

Manual Integrations
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#77

Pyrene

Concen: 57.32 ng

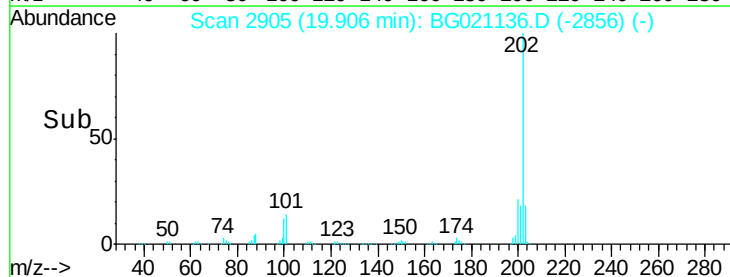
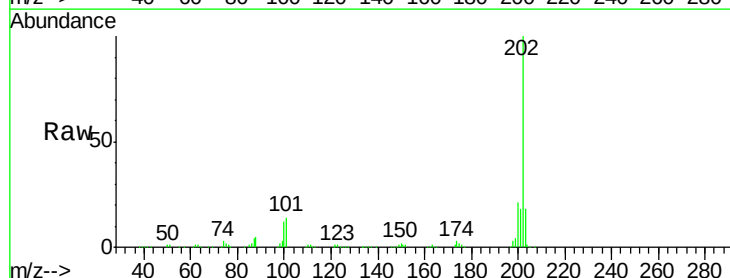
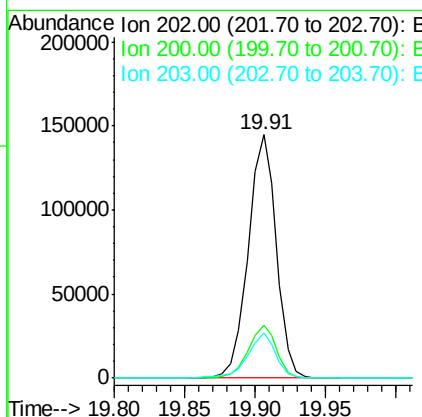
RT: 19.91 min Scan# 2905

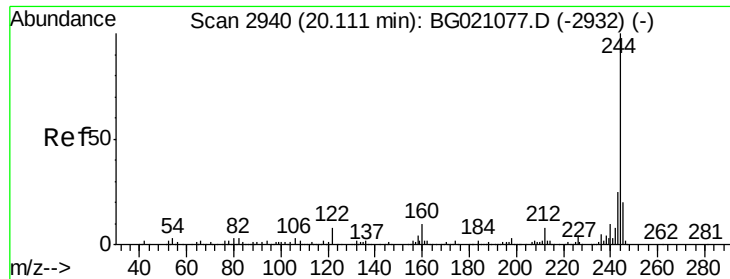
Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Tgt Ion:	202	Resp:	201317
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.6	25.0
203	18.4	13.8	20.8





#78

Terphenyl-d14

Concen: 103.85 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

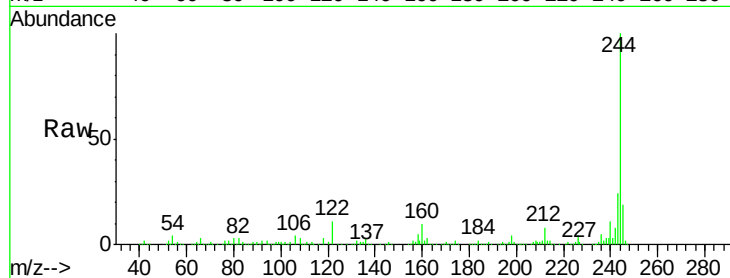
ClientSampled :

EP004MS

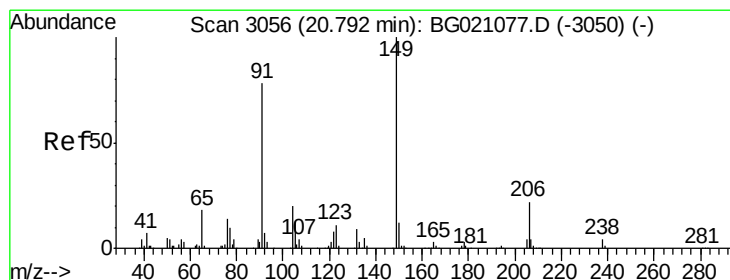
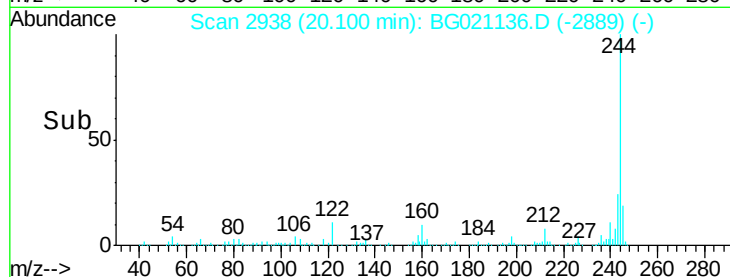
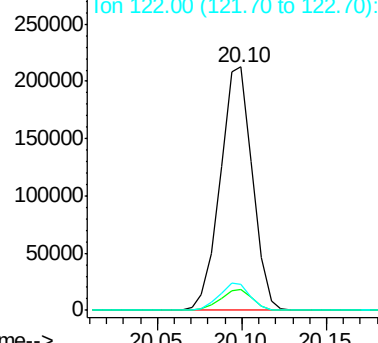
Tgt Ion:	244	Resp:	281845
Ion Ratio		Lower	Upper
244	100		
212	8.5	5.8	8.6
122	10.9	8.3	12.5

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 62.34 ng

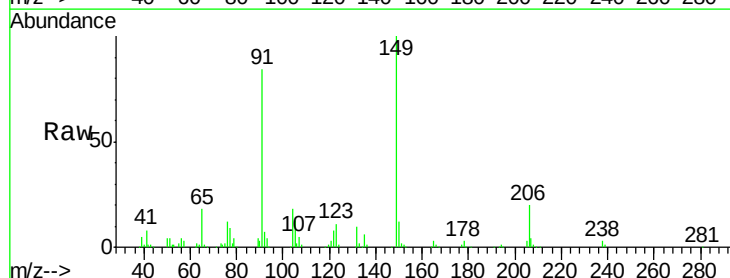
RT: 20.78 min Scan# 3054

Delta R.T. -0.01 min

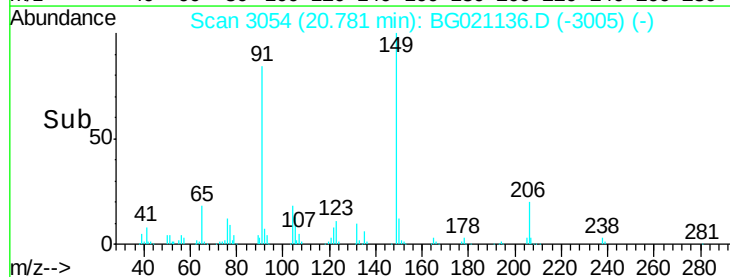
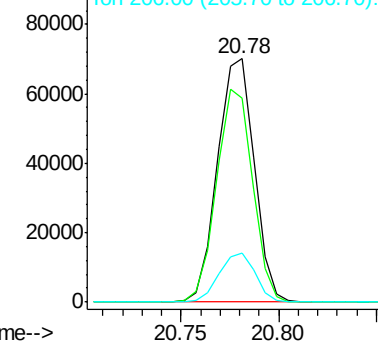
Lab File: BG021136.D

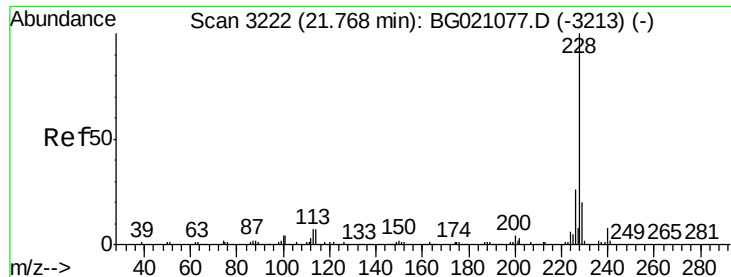
Acq: 28 Feb 2016 4:50

Tgt Ion:	149	Resp:	91361
Ion Ratio		Lower	Upper
149	100		
91	83.9	58.6	87.8
206	20.1	14.2	21.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 52.69 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.02 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

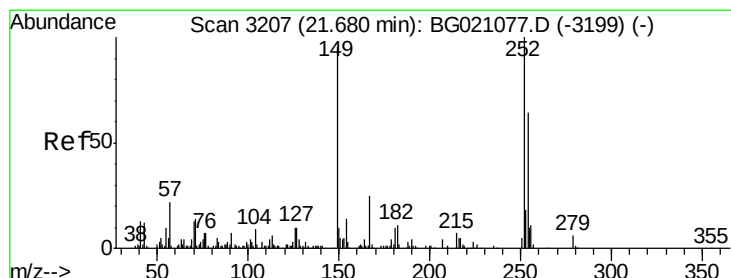
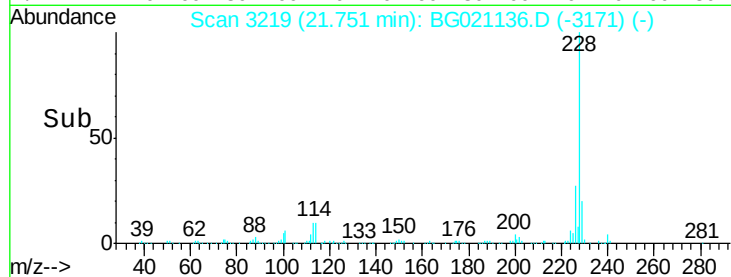
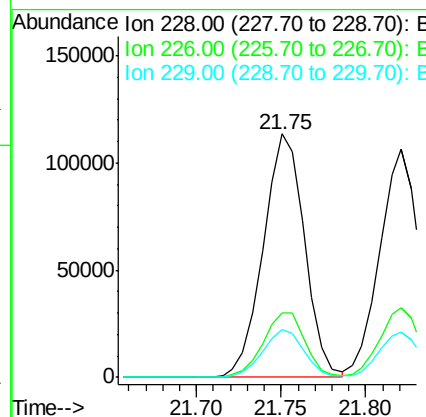
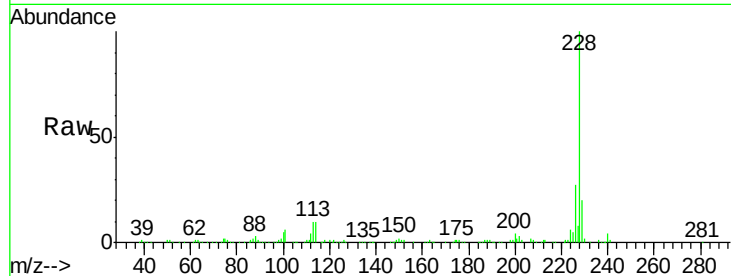
ClientSampleId :

EP004MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.7	34.1
229	19.6	15.5	23.3

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#81

3,3'-Dichlorobenzidine

Concen: 14.26 ng

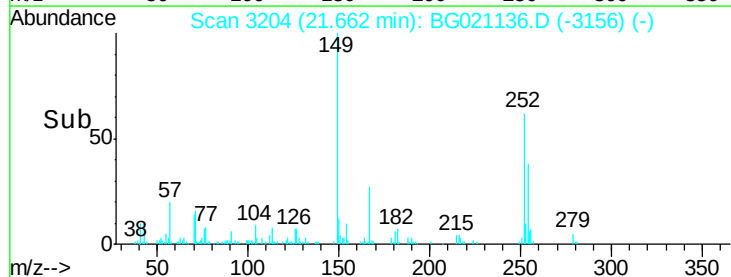
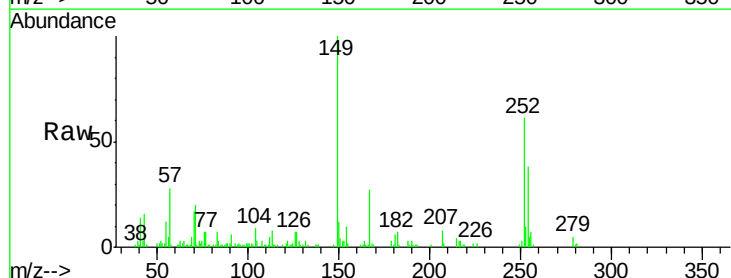
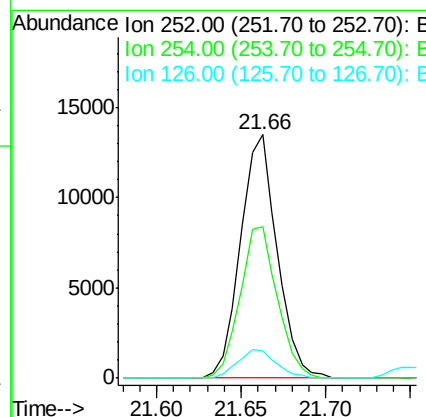
RT: 21.66 min Scan# 3204

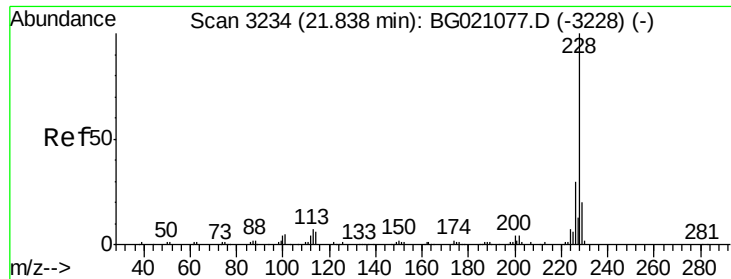
Delta R.T. -0.02 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.4	52.6	79.0
126	11.2	8.3	12.5





#82

Chrysene

Concen: 48.92 ng

RT: 21.82 min Scan# 3231

Delta R.T. -0.02 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

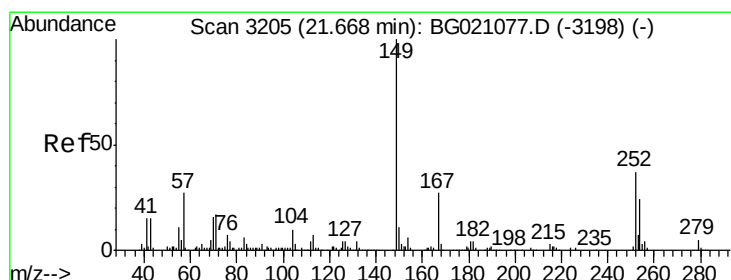
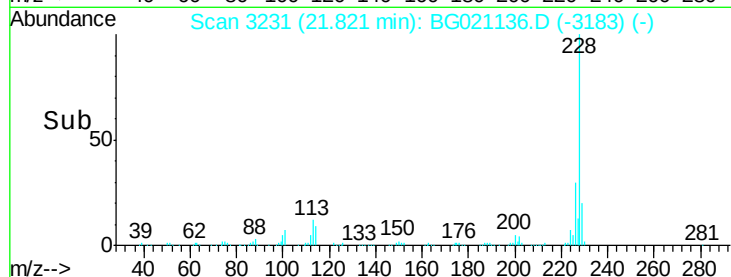
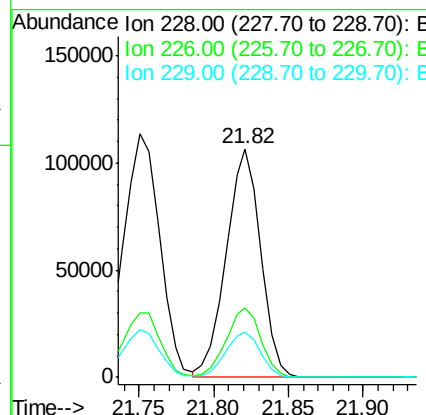
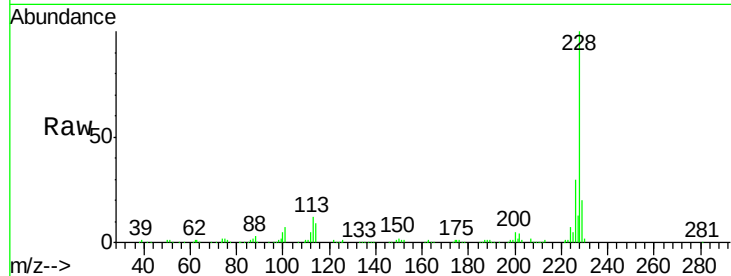
ClientSampleId :

EP004MS

Tgt Ion:	228	Resp:	171926
Ion Ratio		Lower	Upper
228	100		
226	30.2	23.7	35.5
229	19.6	16.7	25.1

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#83

Bis(2-ethylhexyl)phthalate

Concen: 59.10 ng

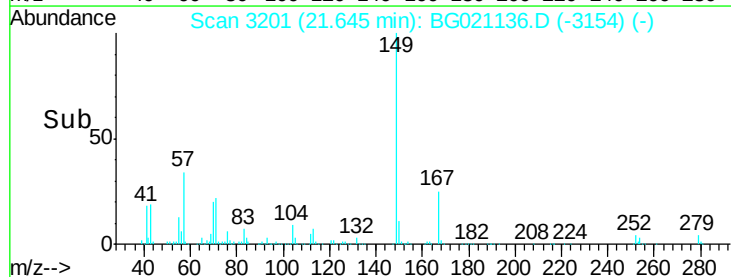
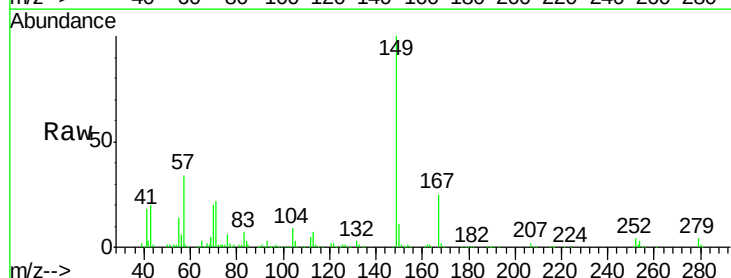
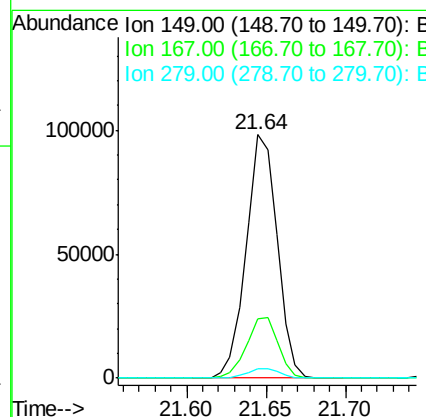
RT: 21.64 min Scan# 3201

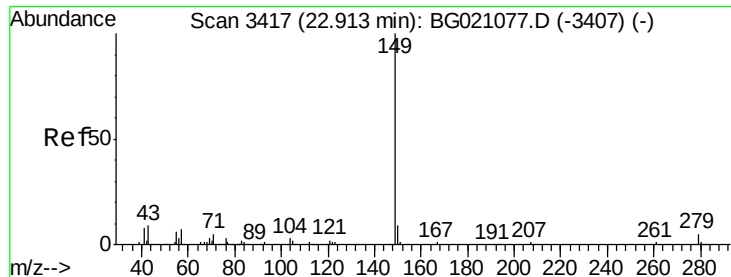
Delta R.T. -0.02 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Tgt Ion:	149	Resp:	133760
Ion Ratio		Lower	Upper
149	100		
167	24.6	18.9	28.3
279	3.9	3.0	4.6





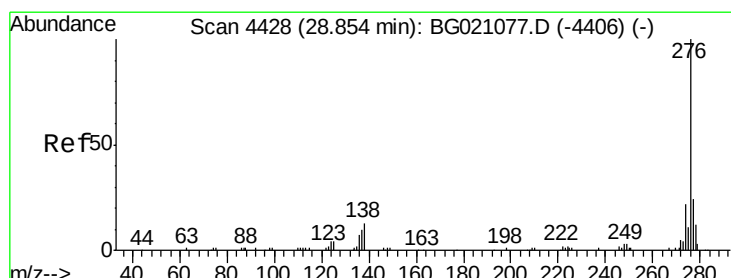
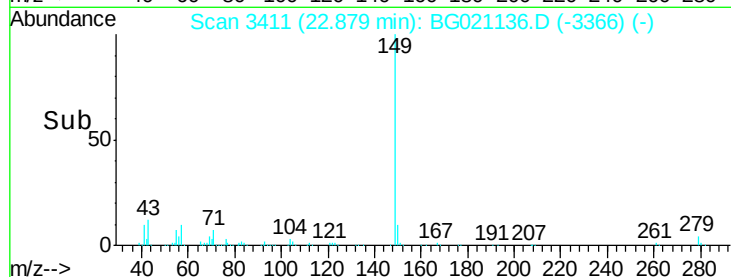
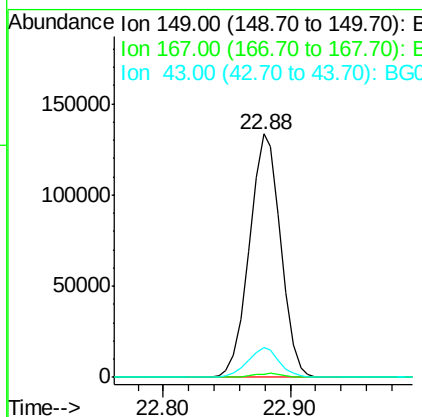
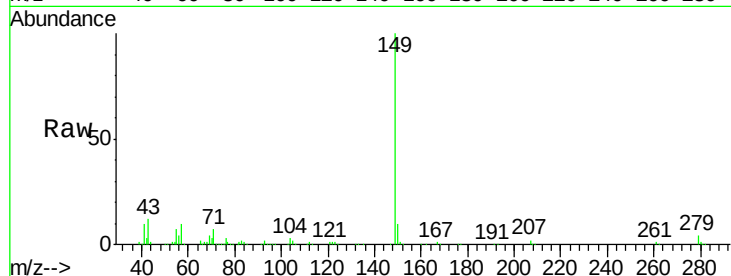
#84
Di-n-octyl phthalate
Concen: 60.31 ng
RT: 22.88 min Scan# 3411
Delta R.T. -0.03 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Instrument :
BNA_G
ClientSampleId :
EP004MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.1	1.7
43	11.9	9.8	14.8

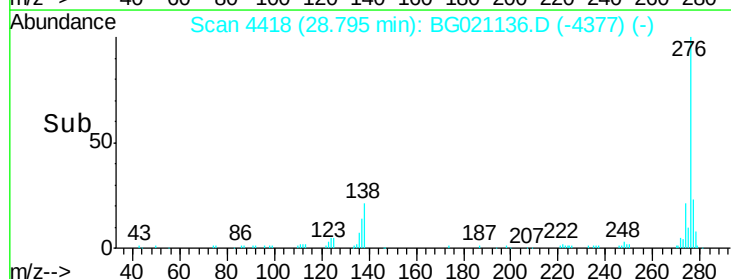
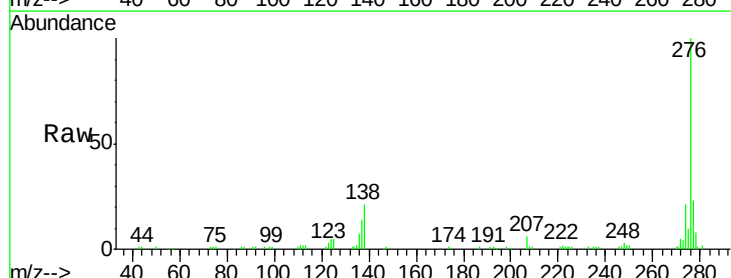
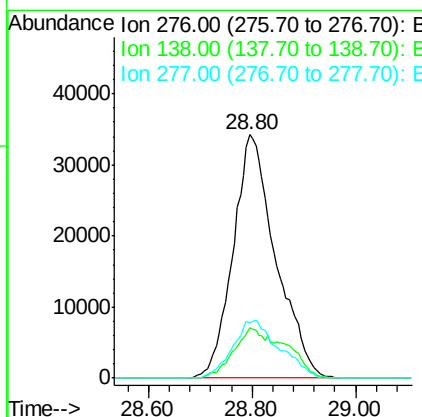
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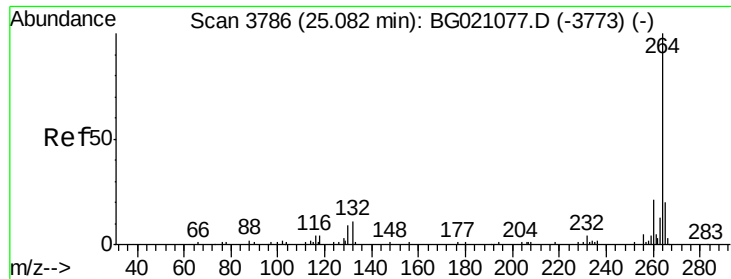
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#85
Indeno(1,2,3-cd)pyrene
Concen: 46.14 ng
RT: 28.80 min Scan# 4418
Delta R.T. -0.06 min
Lab File: BG021136.D
Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	16.9	0.0	0.0#
277	25.8	0.0	0.0#





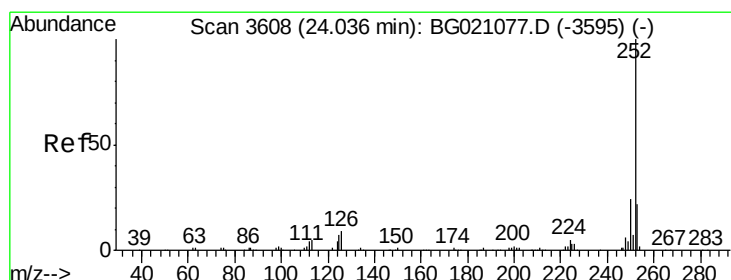
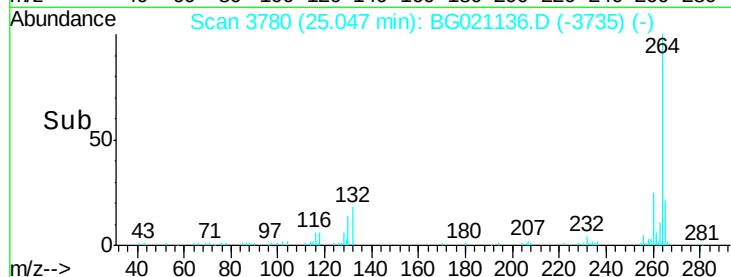
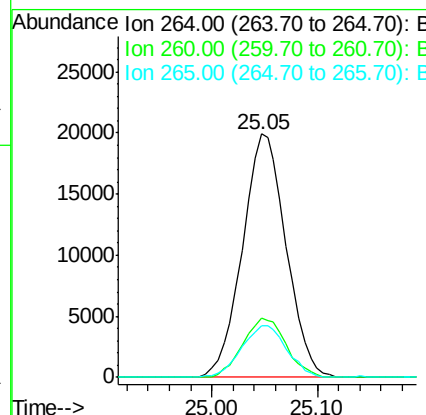
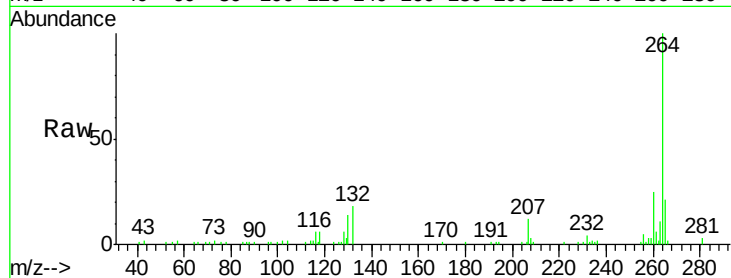
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.05 min Scan# 3780
 Delta R.T. -0.03 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Instrument :
 BNA_G
 ClientSampled :
 EP004MS

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.6	18.5	27.7
265	21.3	18.6	28.0

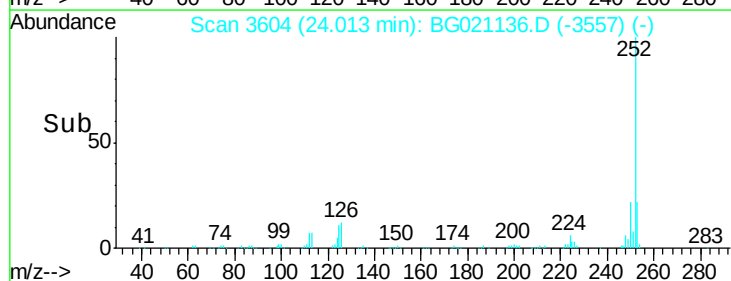
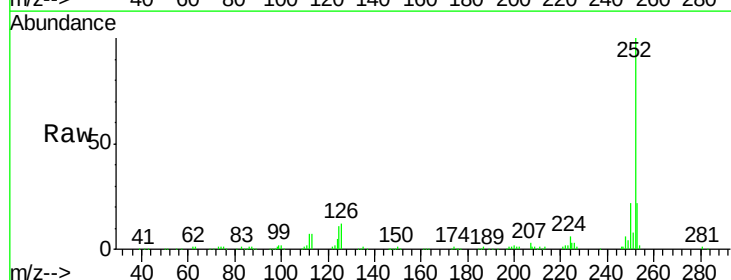
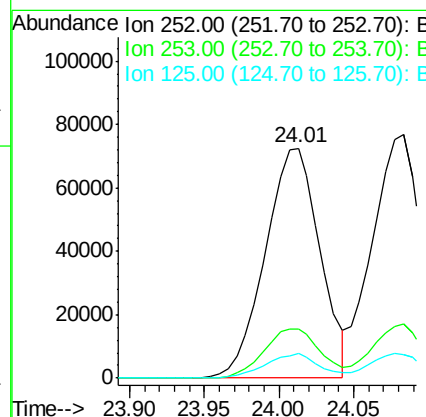
Manual Integrations
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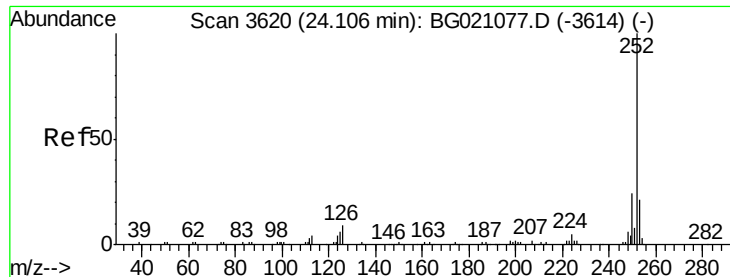
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#87
 Benzo(b)fluoranthene
 Concen: 51.97 ng
 RT: 24.01 min Scan# 3604
 Delta R.T. -0.02 min
 Lab File: BG021136.D
 Acq: 28 Feb 2016 4:50

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.5	16.8	25.2
125	10.7	8.2	12.2





#88

Benzo(k)fluoranthene

Concen: 51.21 ng

RT: 24.08 min Scan# 3616

Delta R.T. -0.02 min

Lab File: BG021136.D

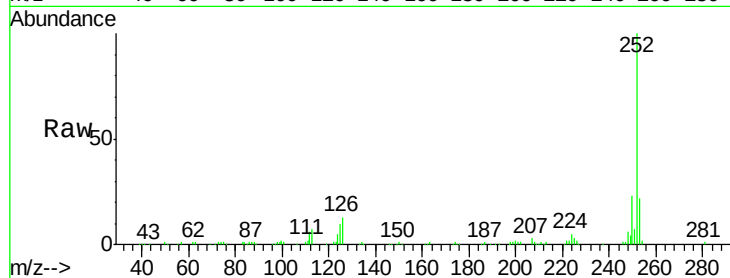
Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

ClientSampled :

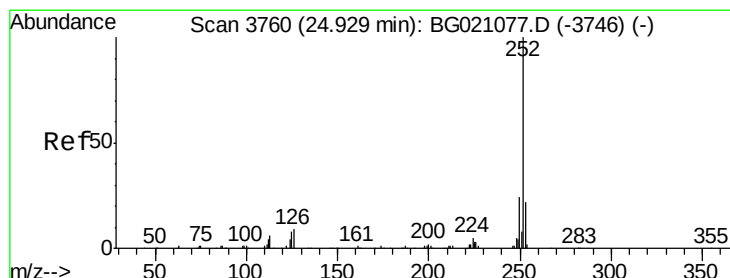
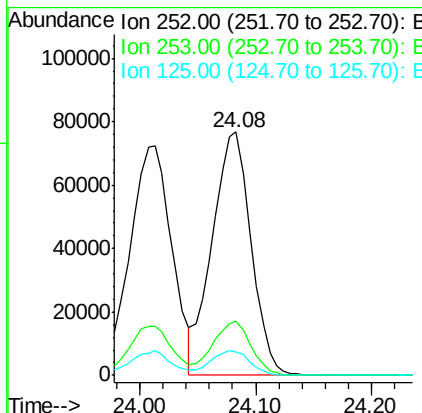
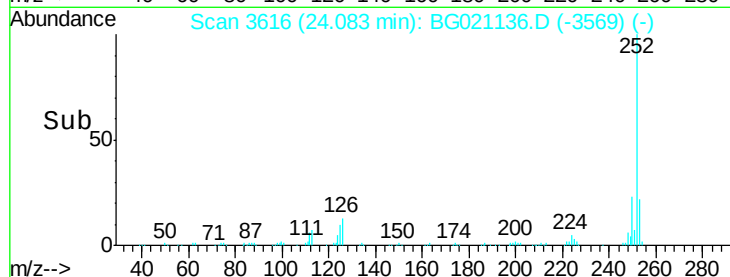
EP004MS



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	179259		
253	22.1	16.4	24.6	
125	9.8	8.2	12.2	

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#89

Benzo(a)pyrene

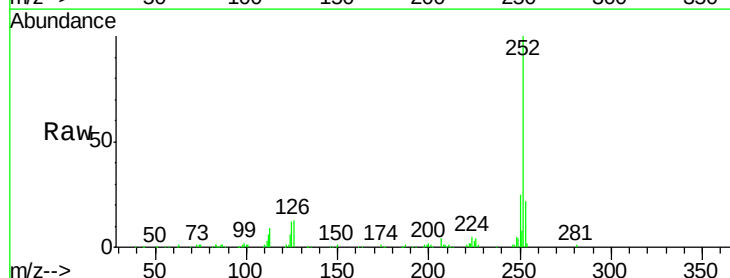
Concen: 52.53 ng

RT: 24.90 min Scan# 3755

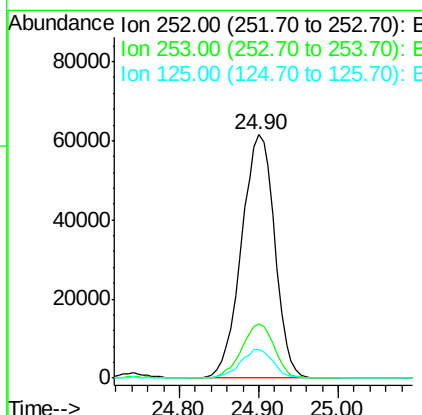
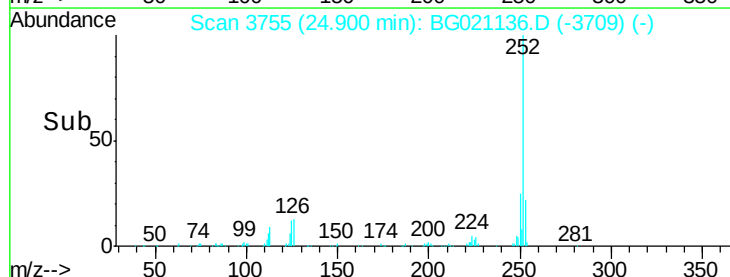
Delta R.T. -0.03 min

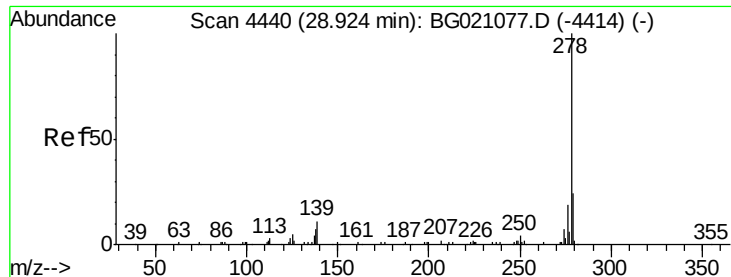
Lab File: BG021136.D

Acq: 28 Feb 2016 4:50



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	179073		
253	22.3	15.8	23.8	
125	11.7	8.4	12.6	





#90

Dibenzo(a,h)anthracene

Concen: 47.94 ng

RT: 28.87 min Scan# 4431

Delta R.T. -0.05 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Instrument :

BNA_G

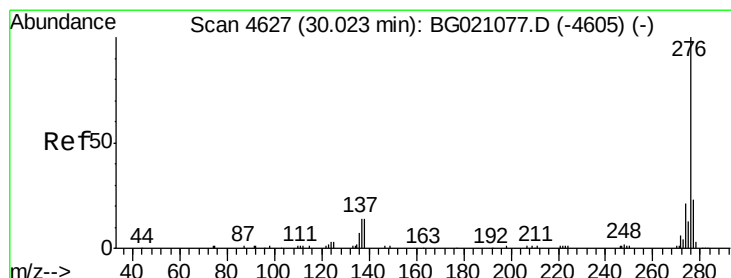
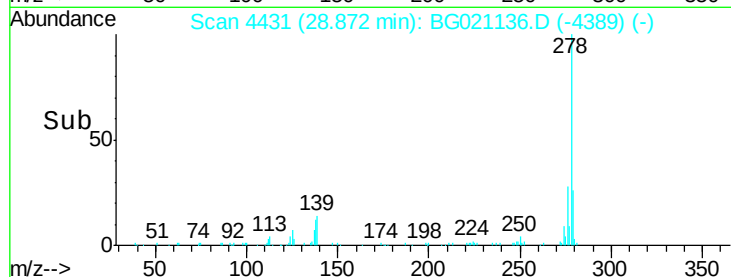
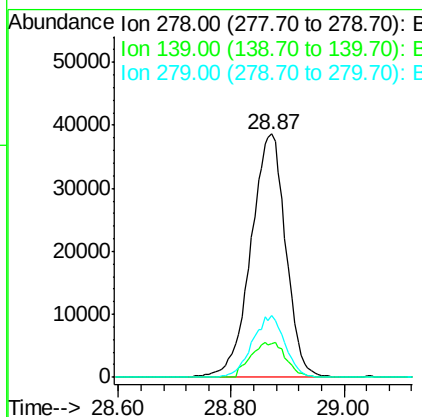
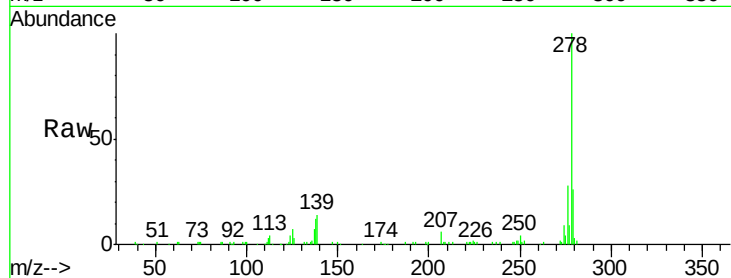
ClientSampleId :

EP004MS

Tgt Ion:	278	Resp:	164741
Ion Ratio	Lower	Upper	
278	100		
139	13.9	10.6	15.8
279	25.6	19.7	29.5

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 48.63 ng

RT: 29.98 min Scan# 4620

Delta R.T. -0.04 min

Lab File: BG021136.D

Acq: 28 Feb 2016 4:50

Tgt Ion:	276	Resp:	160957
Ion Ratio	Lower	Upper	
276	100		
277	23.6	16.6	25.0
138	22.2	14.6	21.8#

