

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
 Data File : BG022182.D
 Acq On : 6 Jun 2016 23:48
 Operator : UM/SJ
 Sample : PB91112BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

Manual Integrations
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 6/7/2016 7:27:53 PM

Quant Time: Jun 07 03:52:38 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	26846	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	129801	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	80805	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	189704	20.00	ng	0.00
75) Chrysene-d12	21.77	240	188106	20.00	ng	0.00
86) Perylene-d12	25.06	264	180309	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	209472	150.86	ng	0.00
7) Phenol-d6	7.28	99	305919	140.13	ng	0.00
23) Nitrobenzene-d5	9.29	82	160761	86.35	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	122339	133.99	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	447052	84.31	ng	0.00
78) Terphenyl-d14	20.09	244	672291	84.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	20549	30.86	ng	# 73
3) Pyridine	3.92	79	59410	33.02	ng	94
4) n-Nitrosodimethylamine	3.84	42	15956	39.66	ng	98
6) Aniline	7.44	93	67049	24.17	ng	# 81
8) 2-Chlorophenol	7.68	128	86492	45.07	ng	# 77
9) Benzaldehyde	7.26	77	5025	4.18	ng	88
10) Phenol	7.31	94	102139	45.38	ng	84
11) bis(2-Chloroethyl)ether	7.53	93	68875	38.38	ng	# 73
12) 1,3-Dichlorobenzene	8.01	146	79814	38.80	ng	# 90
13) 1,4-Dichlorobenzene	8.15	146	80833	39.44	ng	93
14) 1,2-Dichlorobenzene	8.48	146	80015	38.73	ng	94
15) Benzyl Alcohol	8.36	79	55598	39.42	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.65	45	70826	38.04	ng	79
17) 2-Methylphenol	8.56	107	71116	42.34	ng	# 86
18) Hexachloroethane	9.20	117	29429	39.32	ng	# 81
19) n-Nitroso-di-n-propylamine	8.92	70	54216	36.69	ng	# 66
20) 3+4-Methylphenols	8.89	107	99397	41.26	ng	95
22) Acetophenone	8.95	105	113987	40.75	ng	# 83
24) Nitrobenzene	9.33	77	79719	42.58	ng	# 77
25) Isophorone	9.85	82	166309	38.18	ng	94
26) 2-Nitrophenol	10.05	139	43664	43.01	ng	# 73
27) 2,4-Dimethylphenol	10.10	122	83051	45.20	ng	91
28) bis(2-Chloroethoxy)methane	10.33	93	102770	41.18	ng	93
29) 2,4-Dichlorophenol	10.59	162	81607	47.94	ng	96
30) 1,2,4-Trichlorobenzene	10.80	180	78098	41.06	ng	93
31) Naphthalene	10.99	128	260887	40.27	ng	# 95
32) Benzoic acid	10.24	122	21619	38.36	ng	# 76
33) 4-Chloroaniline	11.10	127	39671	14.73	ng	# 87
34) Hexachlorobutadiene	11.26	225	41663	40.80	ng	95
35) Caprolactam	11.87	113	35886m	38.43	ng	
36) 4-Chloro-3-methylphenol	12.22	107	91059	45.13	ng	# 82
37) 2-Methylnaphthalene	12.58	142	193182	40.39	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	86188	41.43	ng	99
40) Hexachlorocyclopentadiene	12.92	237	85858	80.90	ng	97

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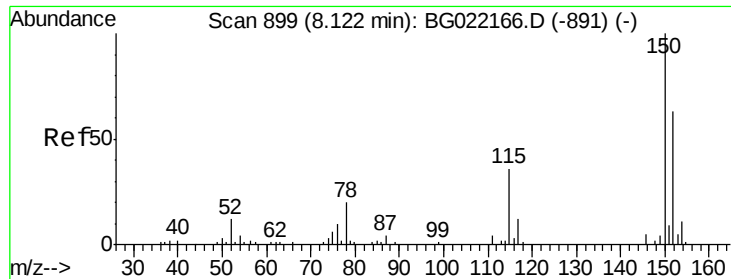
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	64193	46.00	ng	96
43) 2,4,5-Trichlorophenol	13.27	196	69211	44.89	ng	95
45) 1,1'-Biphenyl	13.58	154	257624	42.36	ng	96
46) 2-Chloronaphthalene	13.63	162	201415	43.21	ng	96
47) 2-Nitroaniline	13.84	65	46864	42.16	ng	# 49
48) Acenaphthylene	14.47	152	346139	42.32	ng	98
49) Dimethylphthalate	14.19	163	277134	41.36	ng	98
50) 2,6-Dinitrotoluene	14.32	165	62269	42.75	ng	# 77
51) Acenaphthene	14.81	154	201934	41.21	ng	98
52) 3-Nitroaniline	14.66	138	29945	18.54	ng	83
53) 2,4-Dinitrophenol	14.87	184	50053	83.59	ng	# 73
54) Dibenzofuran	15.14	168	322377	42.16	ng	97
55) 4-Nitrophenol	14.98	139	101820	91.33	ng	# 68
56) 2,4-Dinitrotoluene	15.12	165	87853	44.97	ng	# 80
57) Fluorene	15.79	166	274725	41.70	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.37	232	61739	44.65	ng	96
59) Diethylphthalate	15.55	149	296943	41.49	ng	99
60) 4-Chlorophenyl-phenylether	15.78	204	125446	42.05	ng	95
61) 4-Nitroaniline	15.82	138	66214	38.65	ng	# 75
62) Azobenzene	16.07	77	234698	43.30	ng	88
64) 4,6-Dinitro-2-methylphenol	15.88	198	38659	41.08	ng	# 82
65) n-Nitrosodiphenylamine	16.00	169	238941	43.72	ng	99
66) 4-Bromophenyl-phenylether	16.67	248	77422	43.56	ng	94
67) Hexachlorobenzene	16.80	284	87574	42.27	ng	96
68) Atrazine	16.94	200	84554	41.80	ng	96
69) Pentachlorophenol	17.14	266	81552	86.25	ng	99
70) Phenanthrene	17.54	178	440755	42.78	ng	98
71) Anthracene	17.62	178	439227	42.98	ng	98
72) Carbazole	17.89	167	414937	42.87	ng	98
73) Di-n-butylphthalate	18.43	149	550263	43.49	ng	98
74) Fluoranthene	19.53	202	511320	43.17	ng	97
76) Benzidine	19.72	184	116883	23.76	ng	98
77) Pyrene	19.90	202	512595	43.83	ng	99
79) Butylbenzylphthalate	20.76	149	237162	43.73	ng	93
80) Benzo(a)anthracene	21.75	228	455106	43.15	ng	98
81) 3,3'-Dichlorobenzidine	21.66	252	67400	22.76	ng	97
82) Chrysene	21.81	228	430195	41.91	ng	98
83) Bis(2-ethylhexyl)phthalate	21.63	149	349772	43.86	ng	97
84) Di-n-octyl phthalate	22.85	149	591886	44.70	ng	# 85
85) Indeno(1,2,3-cd)pyrene	28.84	276	517829	44.97	ng	# 88
87) Benzo(b)fluoranthene	24.01	252	456198	43.38	ng	98
88) Benzo(k)fluoranthene	24.08	252	448683	43.34	ng	# 97
89) Benzo(a)pyrene	24.91	252	440439	43.80	ng	# 97
90) Dibenzo(a,h)anthracene	28.90	278	424175	44.79	ng	# 94
91) Benzo(g,h,i)perylene	30.02	276	432153	43.86	ng	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG022182.D

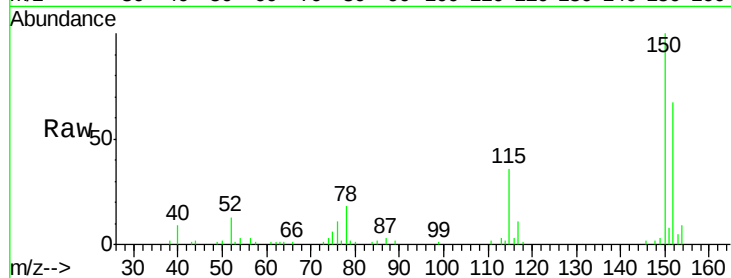
Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

ClientSampleId :

PB91112BS



Tgt Ion: 152 Resp: 26846

Ion Ratio Lower Upper

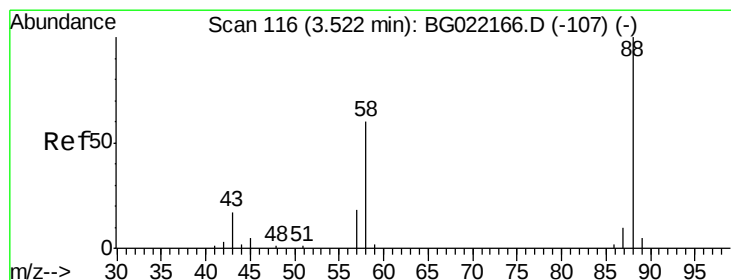
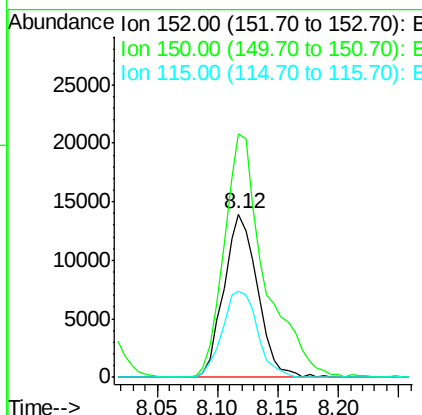
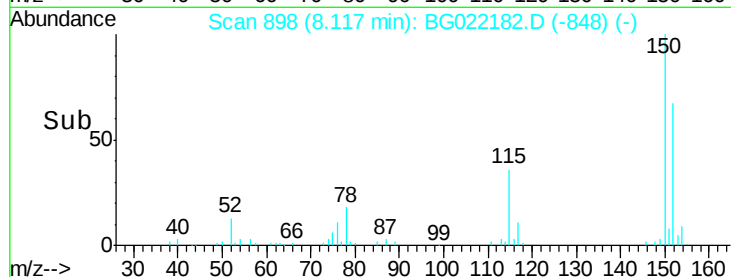
152 100

150 149.0 130.1 195.1

115 53.0 62.2 93.2#

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#2

1,4-Dioxane

Concen: 30.86 ng

RT: 3.51 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

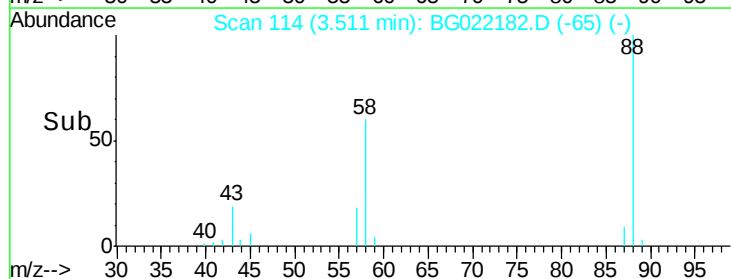
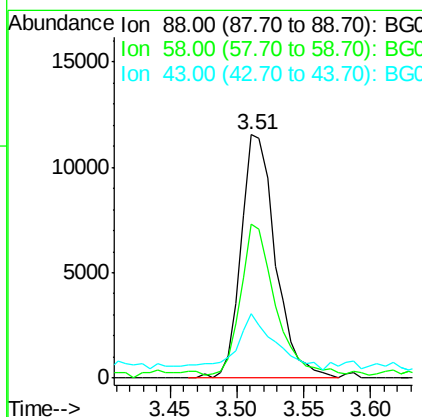
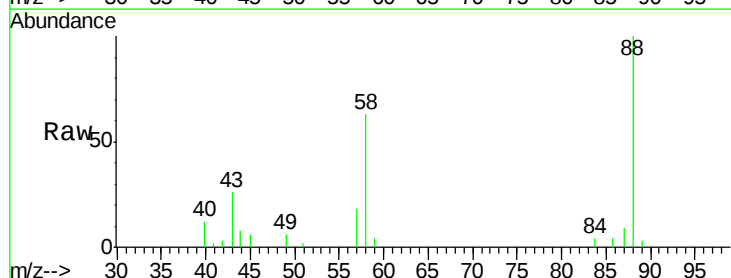
Tgt Ion: 88 Resp: 20549

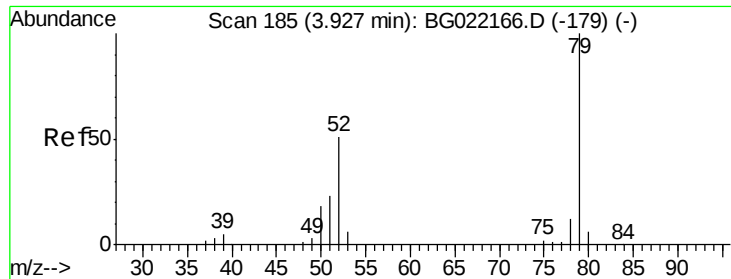
Ion Ratio Lower Upper

88 100

58 62.7 36.8 55.2#

43 27.0 10.4 15.6#





#3

Pyridine

Concen: 33.02 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

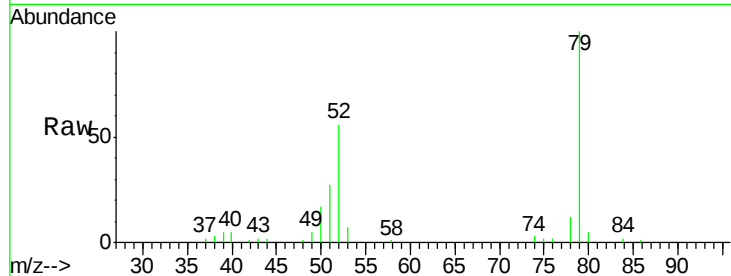
ClientSampleId :

PB91112BS

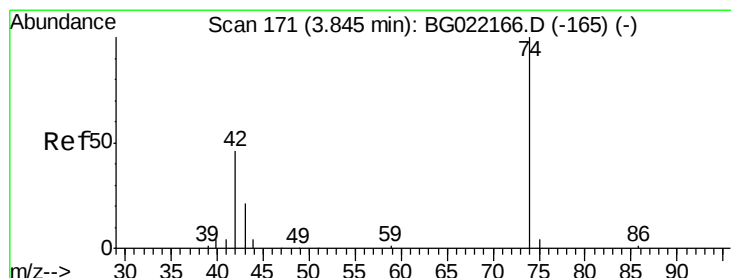
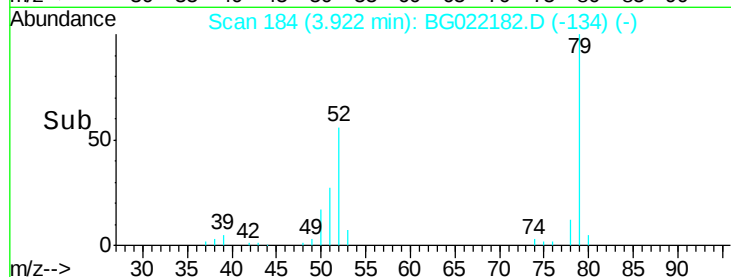
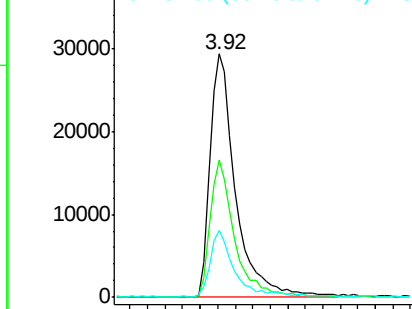
Tgt Ion:	79	Resp:	59410
Ion	Ratio	Lower	Upper
79	100		
52	56.3	41.6	62.4
51	27.5	19.2	28.8

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.66 ng

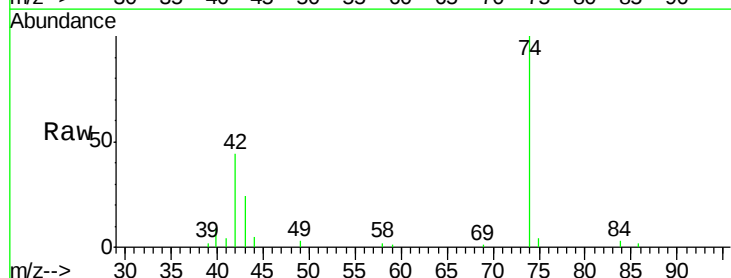
RT: 3.84 min Scan# 170

Delta R.T. -0.00 min

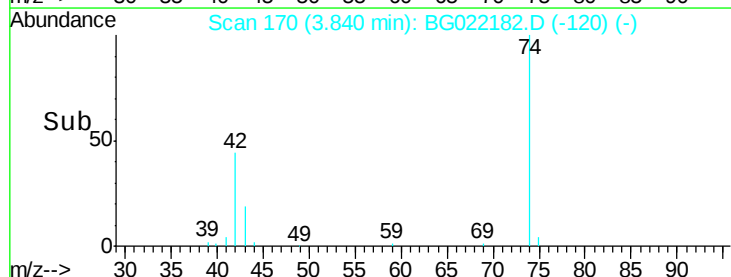
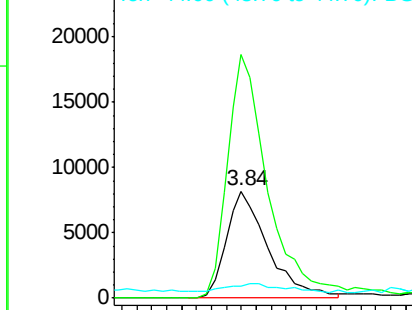
Lab File: BG022182.D

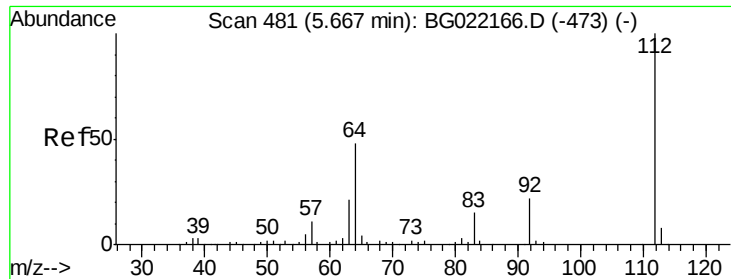
Acq: 6 Jun 2016 23:48

Tgt Ion:	42	Resp:	15956
Ion	Ratio	Lower	Upper
42	100		
74	227.6	184.0	276.0
44	11.7	11.0	16.6



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 150.86 ng

RT: 5.67 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

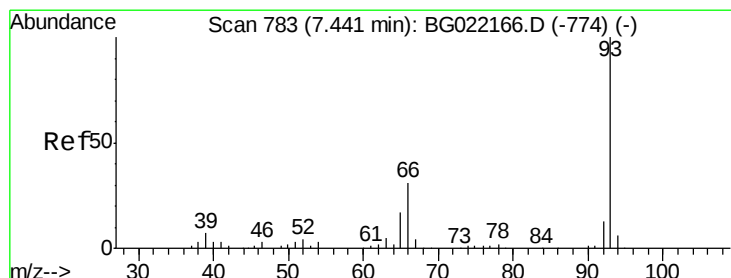
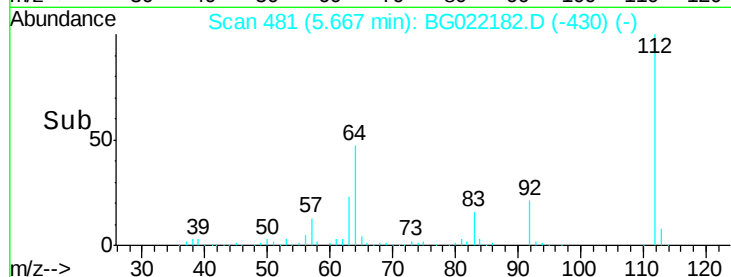
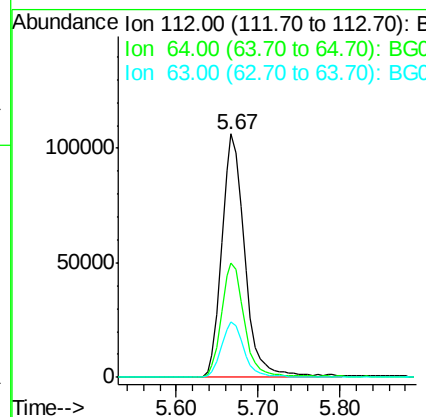
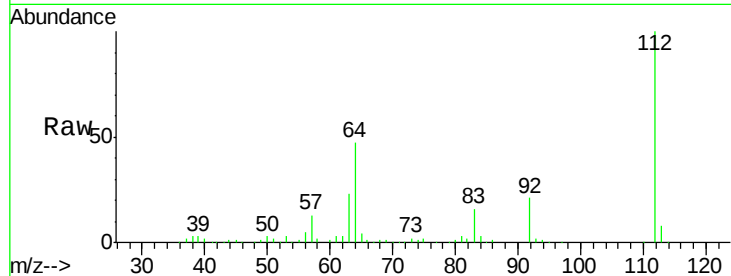
ClientSampleId :

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Tgt Ion:	112	Resp:	209472
Ion Ratio	Lower	Upper	
112	100		
64	47.0	51.1	76.7#
63	22.7	24.6	37.0#

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#6

Aniline

Concen: 24.17 ng

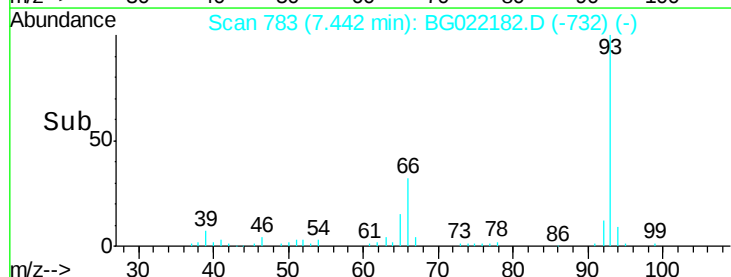
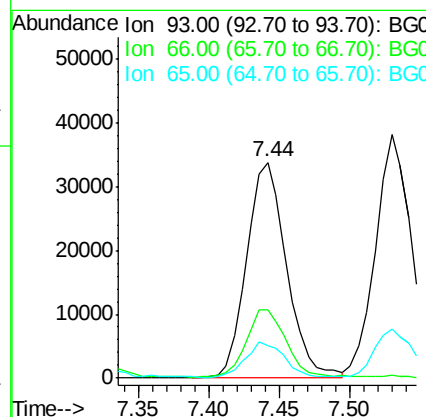
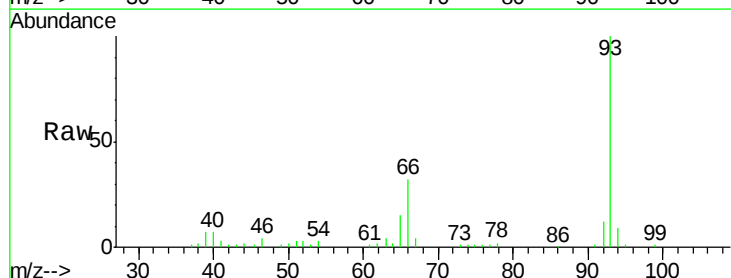
RT: 7.44 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Tgt Ion:	93	Resp:	67049
Ion Ratio	Lower	Upper	
93	100		
66	31.9	36.3	54.5#
65	15.0	18.4	27.6#





#7

Phenol-d6

Concen: 140.13 ng

RT: 7.28 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

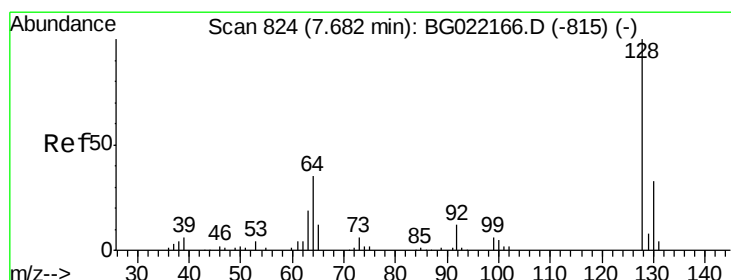
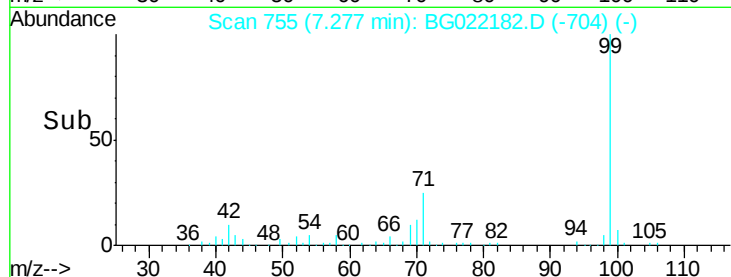
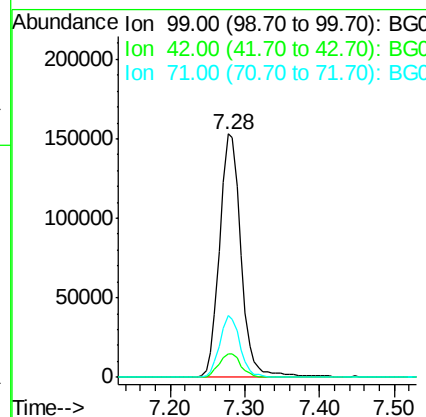
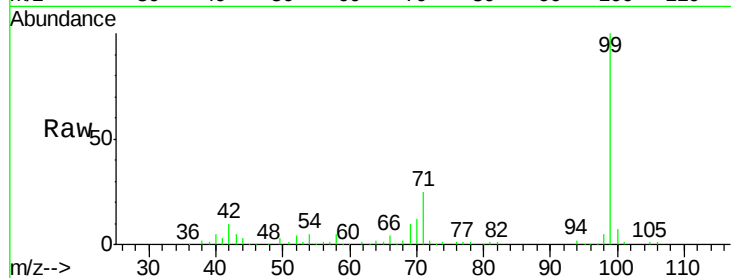
ClientSampleId :

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Tgt Ion:	99	Resp:	305919
Ion Ratio	Lower	Upper	
99	100		
42	9.8	16.4	24.6#
71	25.4	25.0	37.4

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#8

2-Chlorophenol

Concen: 45.07 ng

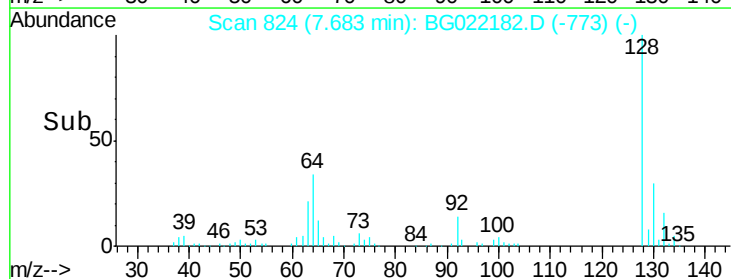
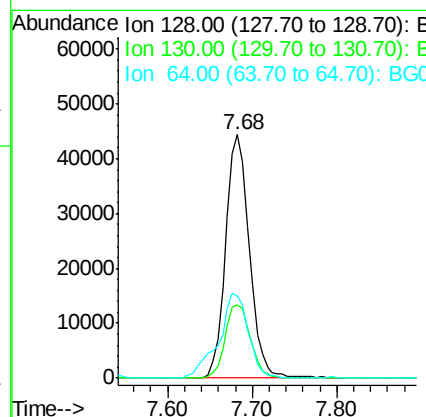
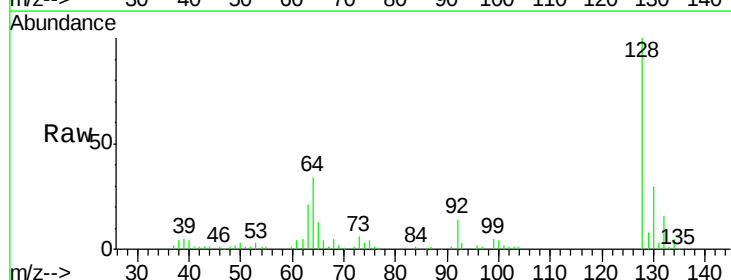
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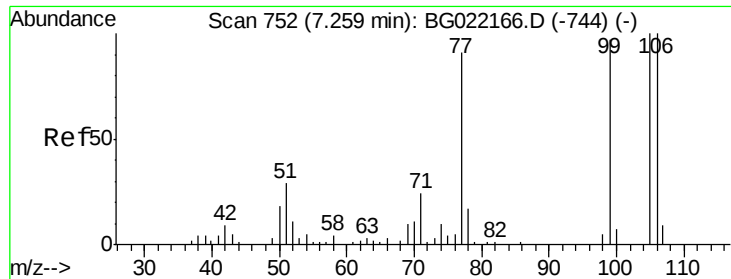
Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Tgt Ion:	128	Resp:	86492
Ion Ratio	Lower	Upper	
128	100		
130	30.2	11.2	51.2
64	33.8	39.8	79.8#





#9

Benzaldehyde

Concen: 4.18 ng

RT: 7.26 min Scan# 752

Delta R.T. 0.00 min

Lab File: BG022182.D

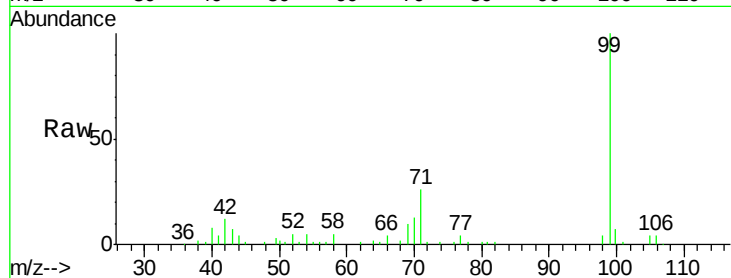
Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

ClientSampleId :

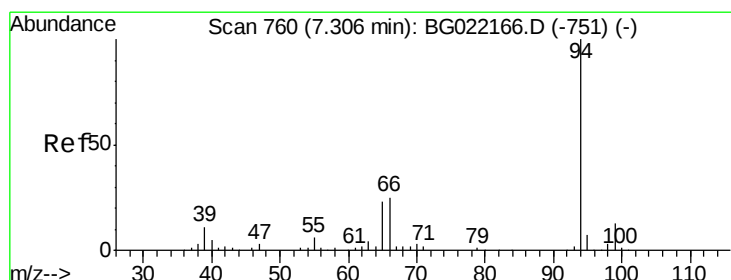
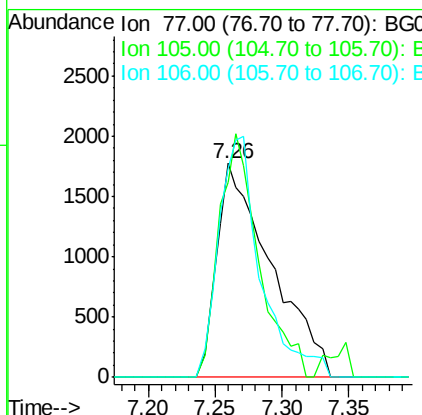
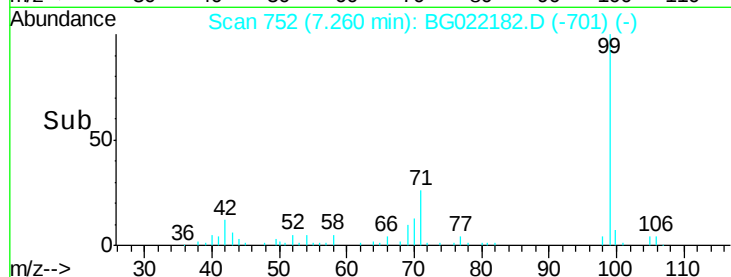
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Tgt Ion:	77	Resp:	5025
Ion	Ratio	Lower	Upper
77	100		
105	91.0	62.1	102.1
106	97.6	65.6	105.6

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#10

Phenol

Concen: 45.38 ng

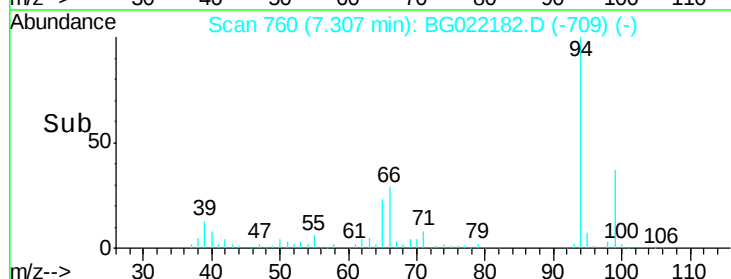
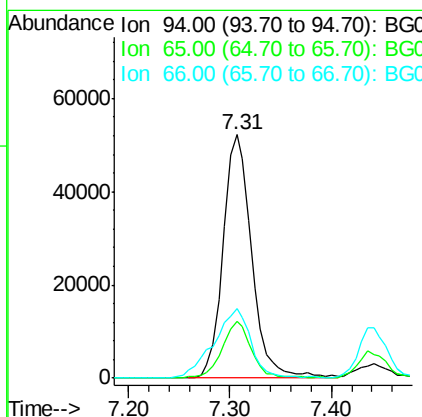
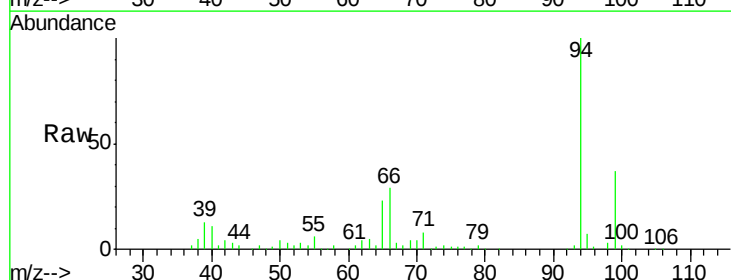
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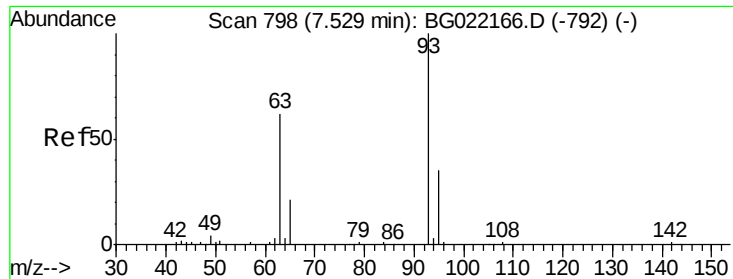
Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Tgt Ion:	94	Resp:	102139
Ion	Ratio	Lower	Upper
94	100		
65	23.4	9.8	49.8
66	28.7	20.8	60.8





#11

bis(2-Chloroethyl)ether

Concen: 38.38 ng

RT: 7.53 min Scan# 798

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

ClientSampleId :

PB91112BS

Tgt Ion: 93 Resp: 68875

Ion Ratio Lower Upper

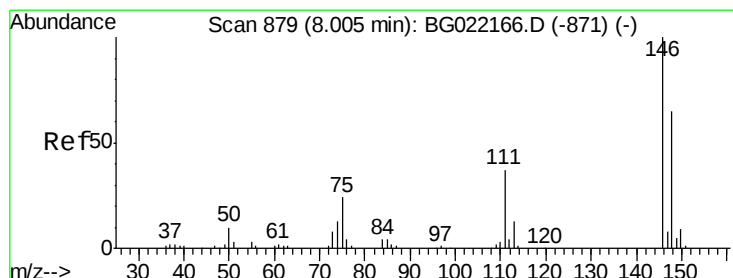
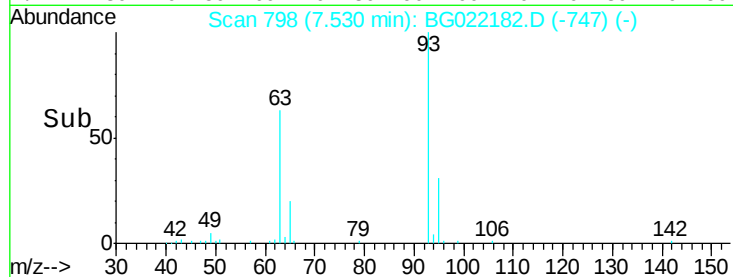
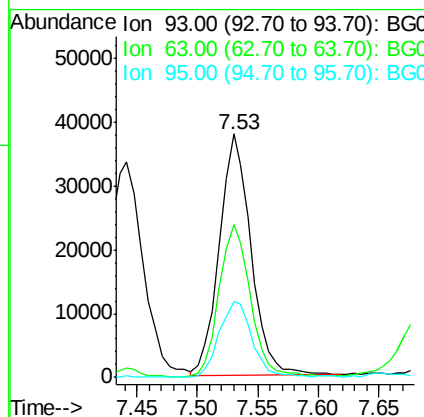
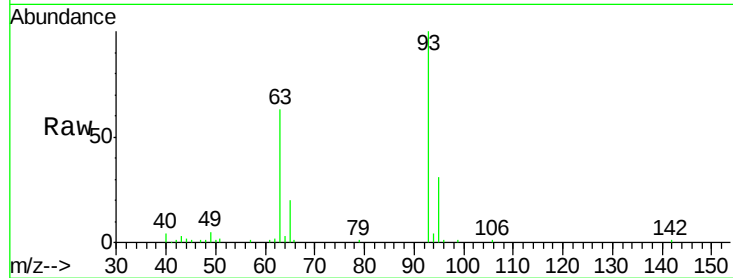
93 100

63 63.0 74.9 114.9#

95 31.4 8.3 48.3

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#12

1,3-Dichlorobenzene

Concen: 38.80 ng

RT: 8.01 min Scan# 879

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

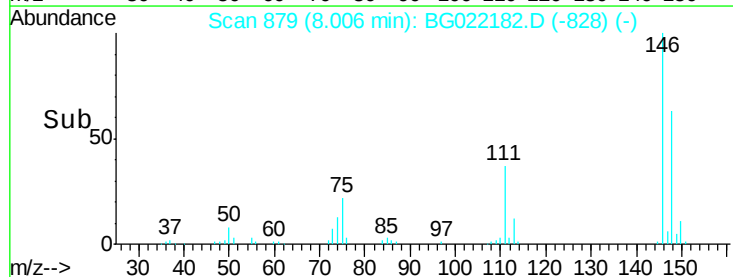
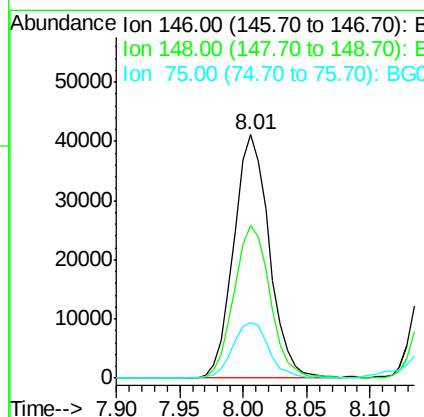
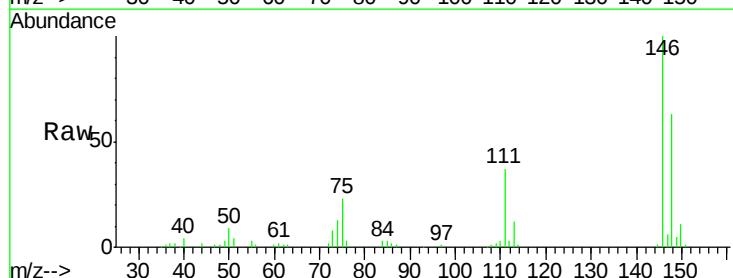
Tgt Ion: 146 Resp: 79814

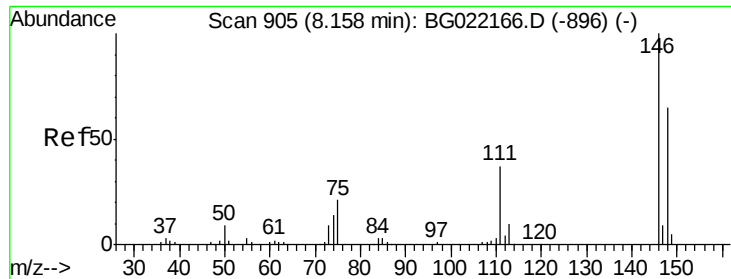
Ion Ratio Lower Upper

146 100

148 62.6 53.7 80.5

75 22.7 27.4 41.0#





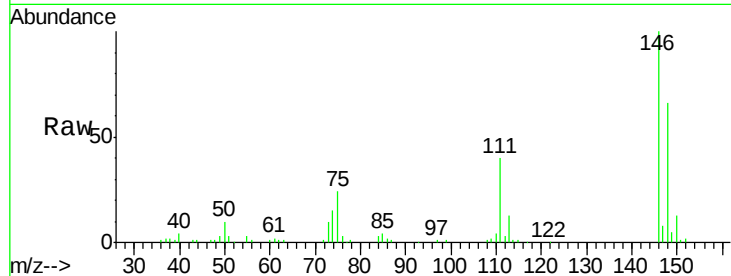
#13
 1,4-Dichlorobenzene
 Concen: 39.44 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Instrument :
 BNA_G
 ClientSampleID :
 PB91112BS

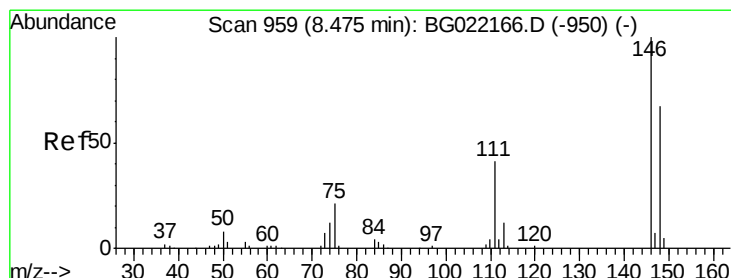
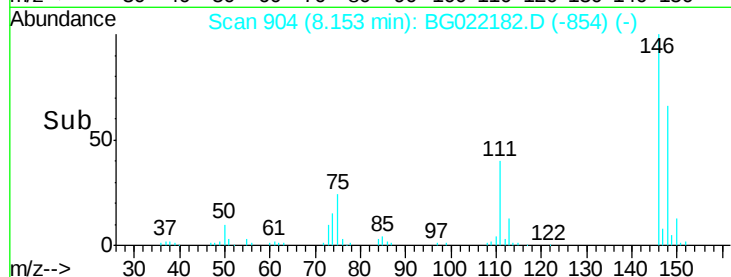
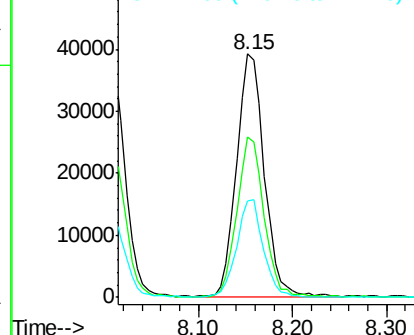
Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	46.7	70.1
111	39.7	33.0	49.6

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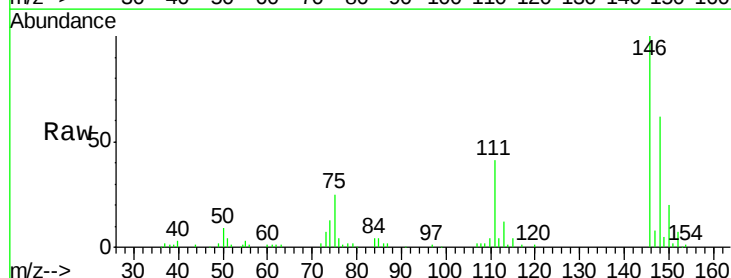


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

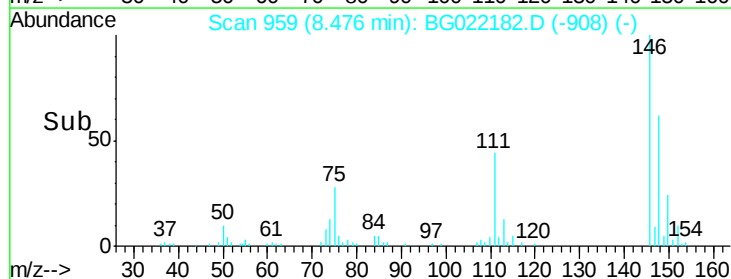
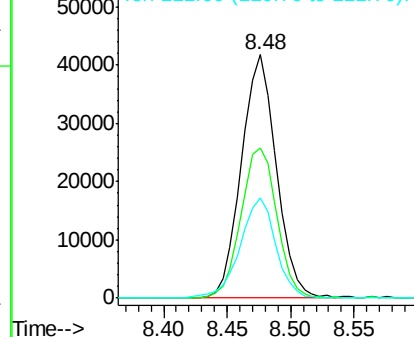


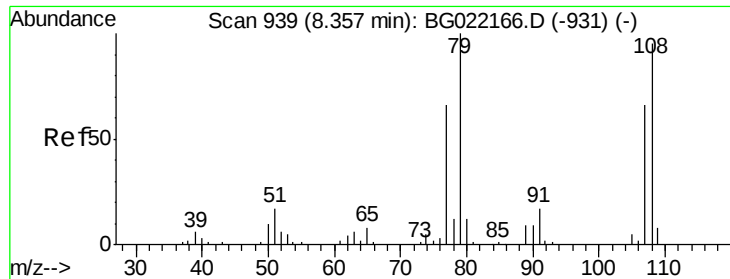
#14
 1,2-Dichlorobenzene
 Concen: 38.73 ng
 RT: 8.48 min Scan# 959
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	52.6	79.0
111	41.2	36.1	54.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.42 ng

RT: 8.36 min Scan# 939

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

ClientSampleId :

PB91112BS

Tgt Ion: 79 Resp: 55598

Ion Ratio Lower Upper

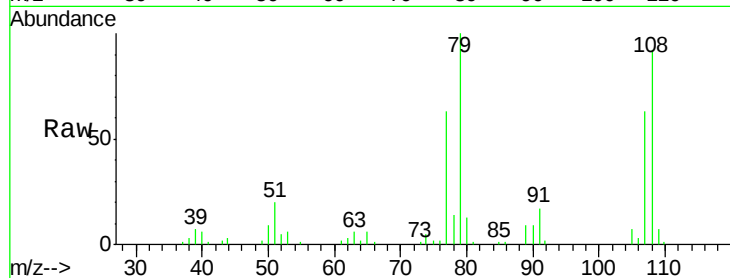
79 100

108 92.2 59.4 89.0#

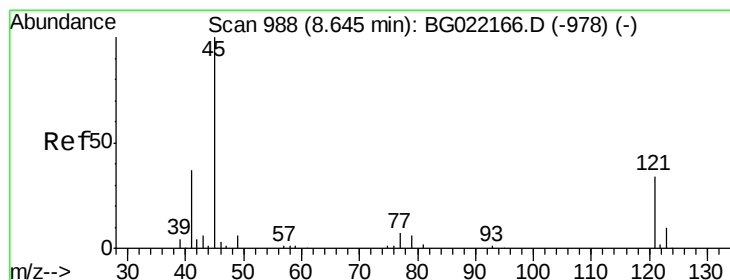
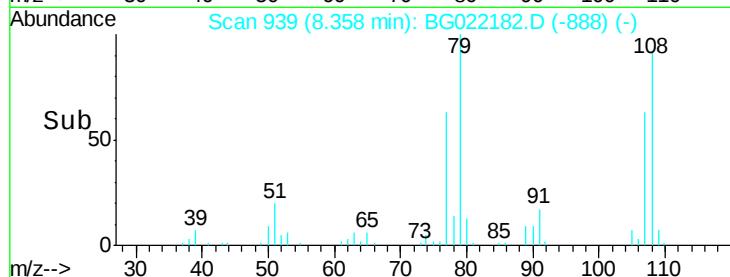
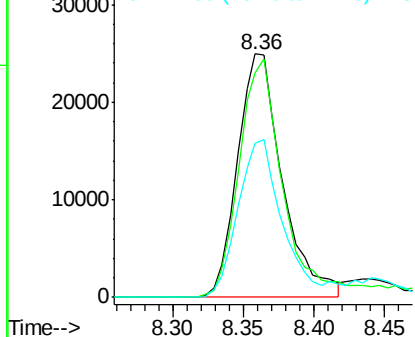
77 63.3 52.2 78.2

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.04 ng

RT: 8.65 min Scan# 989

Delta R.T. 0.01 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

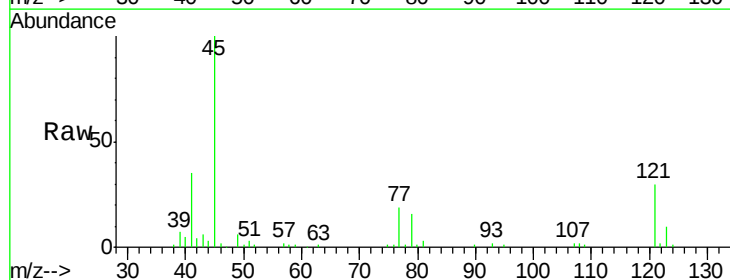
Tgt Ion: 45 Resp: 70826

Ion Ratio Lower Upper

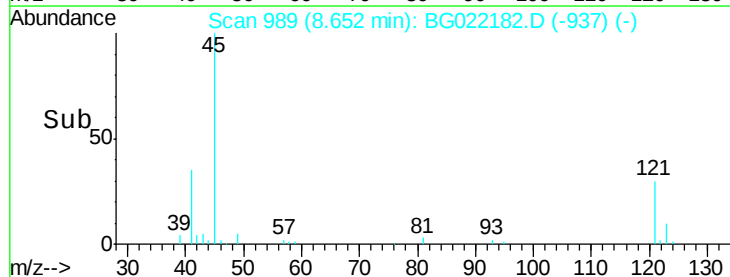
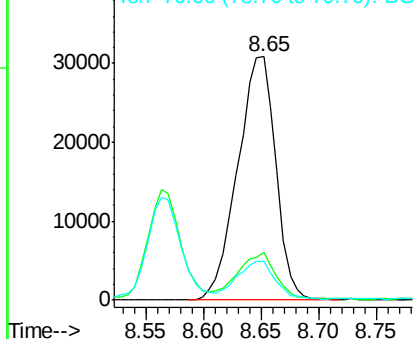
45 100

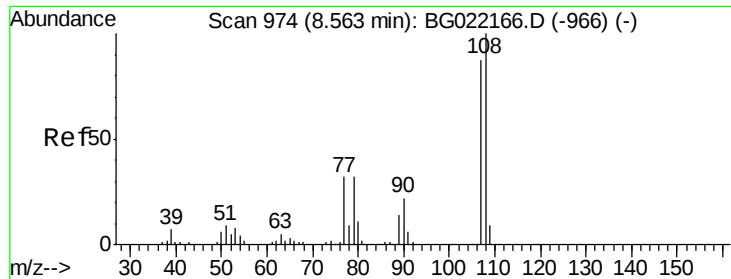
77 19.5 0.0 31.2

79 16.1 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





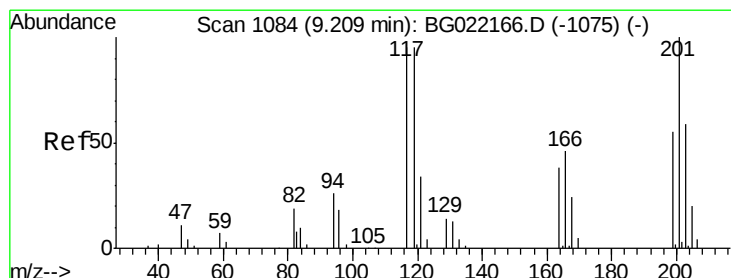
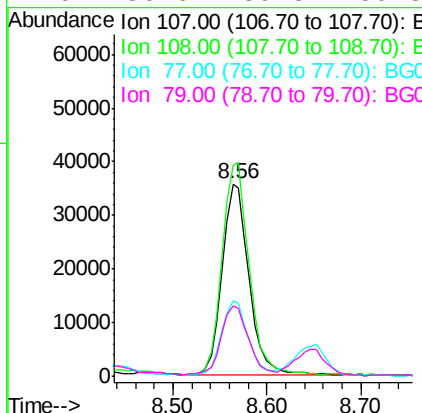
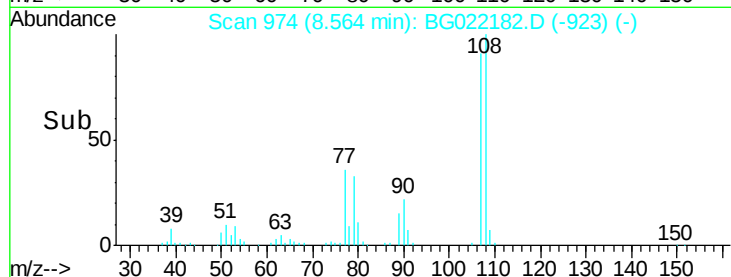
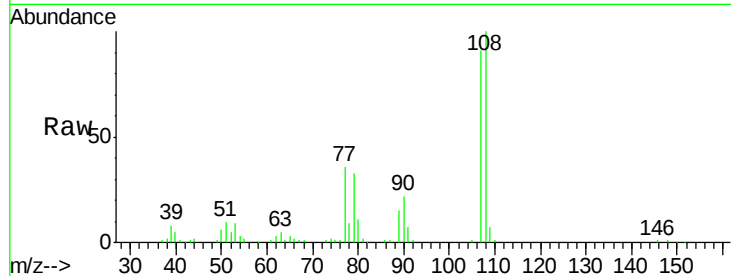
#17
2-Methylphenol
Concen: 42.34 ng
RT: 8.56 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Instrument :
BNA_G
ClientSampleId :
PB91112BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	109.9	80.2	120.4
77	39.2	40.7	61.1#
79	36.6	39.8	59.8#

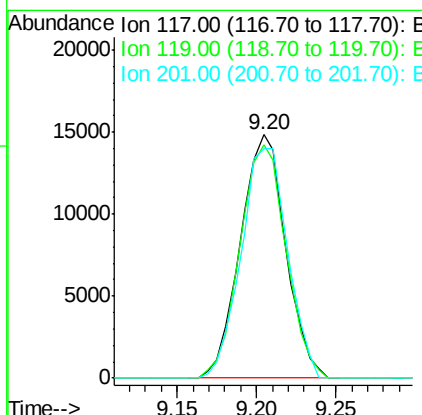
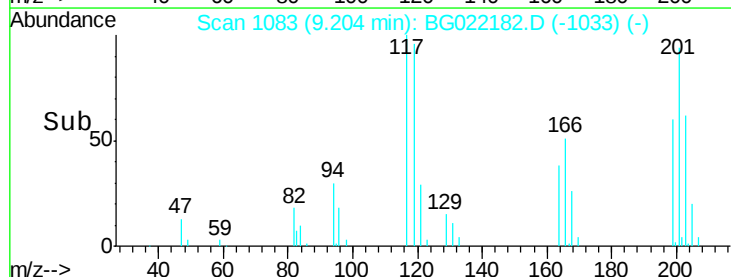
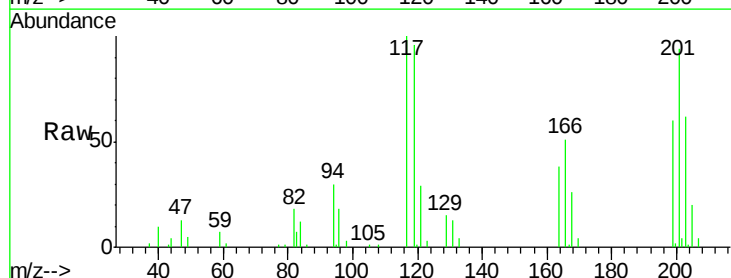
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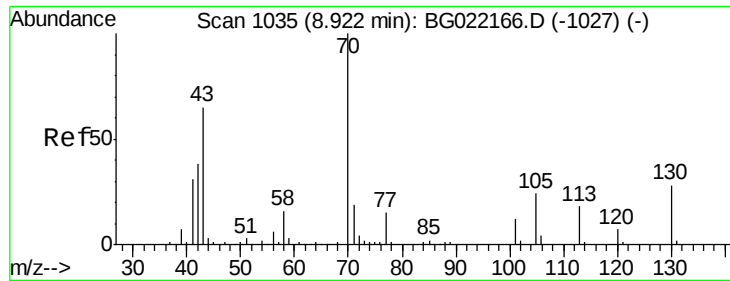
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#18
Hexachloroethane
Concen: 39.32 ng
RT: 9.20 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	95.9	63.9	95.9
201	94.5	61.2	91.8#





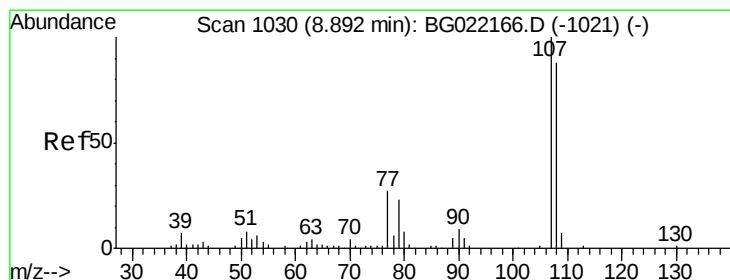
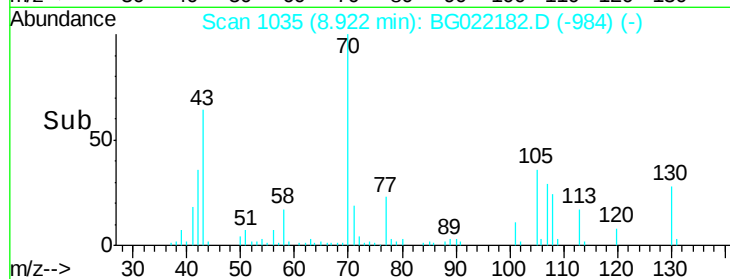
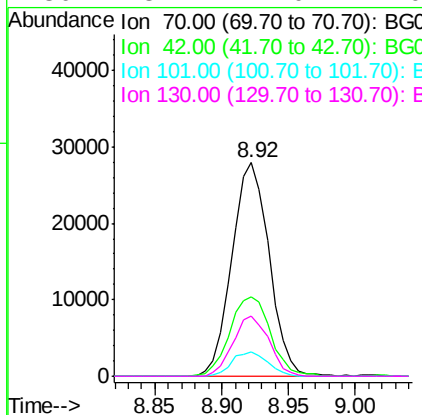
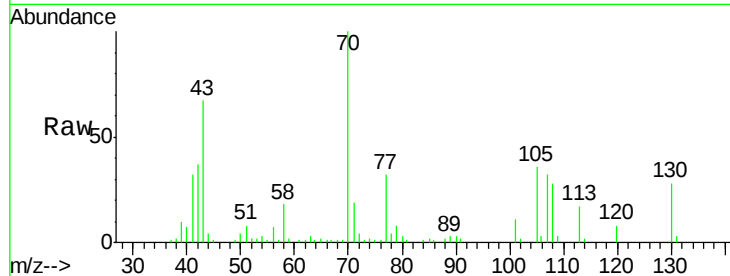
#19
n-Nitroso-di-n-propylamine
Concen: 36.69 ng
RT: 8.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Instrument :
BNA_G
ClientSampleId :
PB91112BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	37.2	56.7	85.1#
101	11.1	8.2	12.4
130	28.4	14.0	21.0#

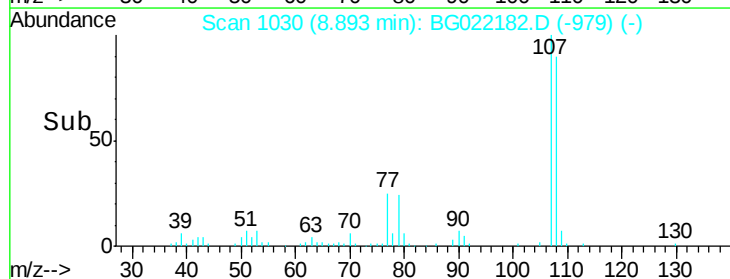
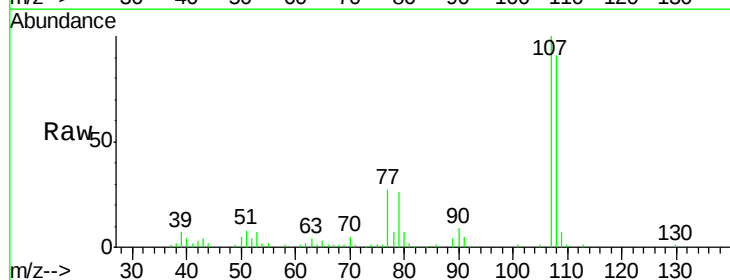
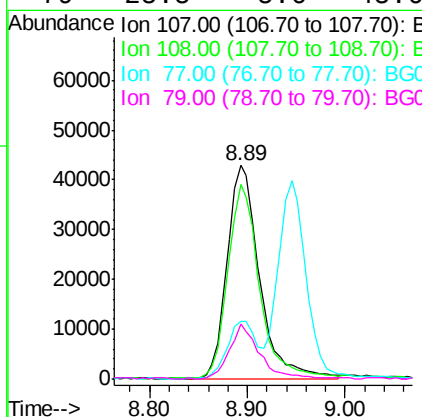
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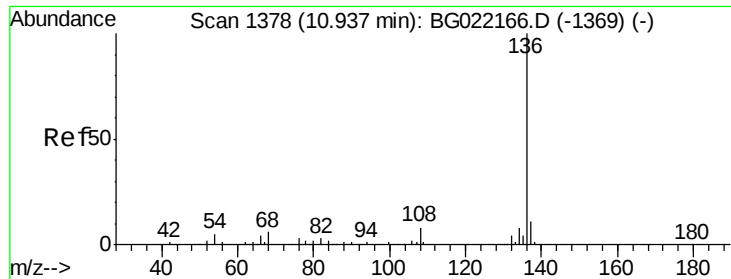
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#20
3+4-Methylphenols
Concen: 41.26 ng
RT: 8.89 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.3	66.2	106.2
77	27.2	11.5	51.5
79	25.5	5.6	45.6





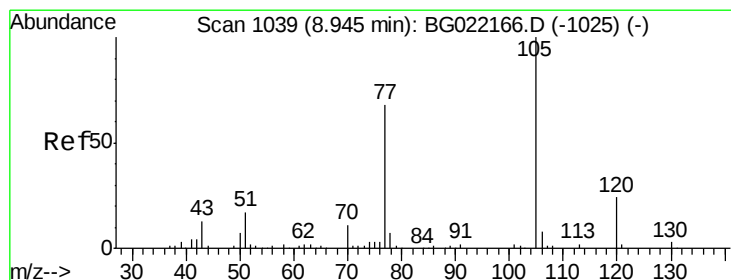
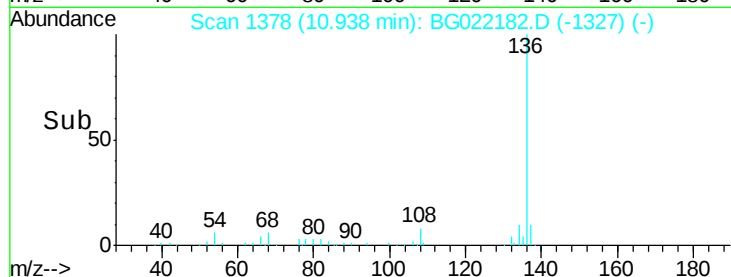
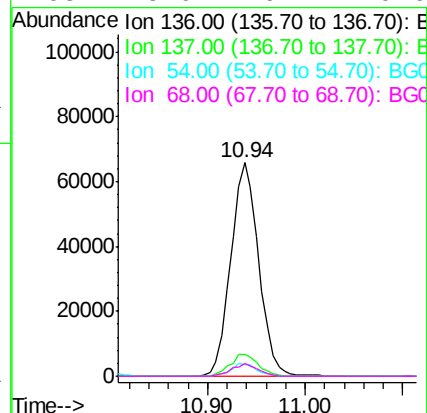
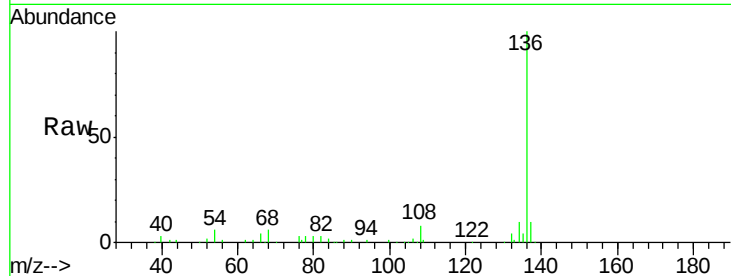
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Instrument :
BNA_G
ClientSampleId :
PB91112BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	129801		
137	10.1	9.0	13.4	
54	5.5	9.6	14.4	
68	5.9	6.4	9.6	

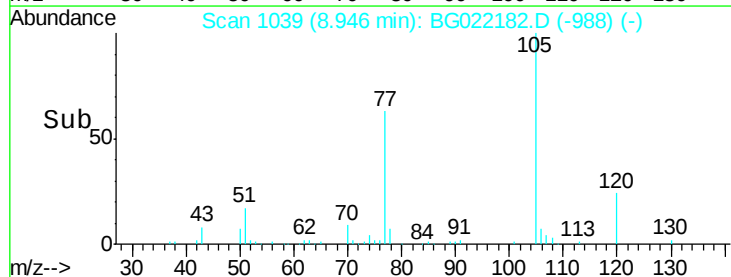
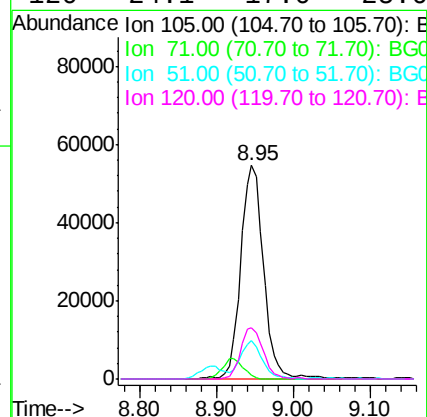
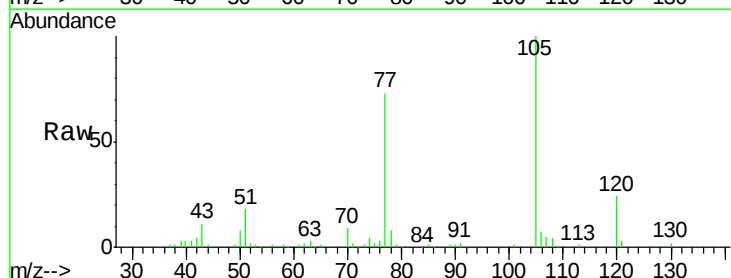
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#22
Acetophenone
Concen: 40.75 ng
RT: 8.95 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	113987		
71	1.6	0.0	0.0	
51	18.2	25.7	38.5	
120	24.1	17.0	25.6	





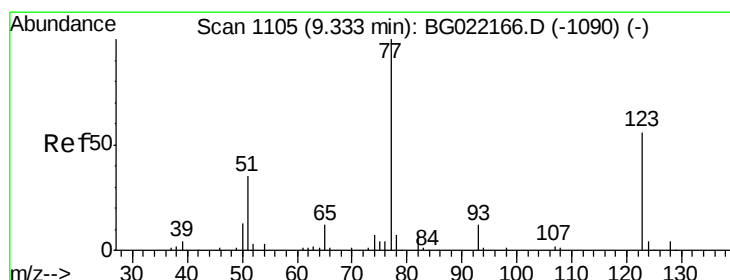
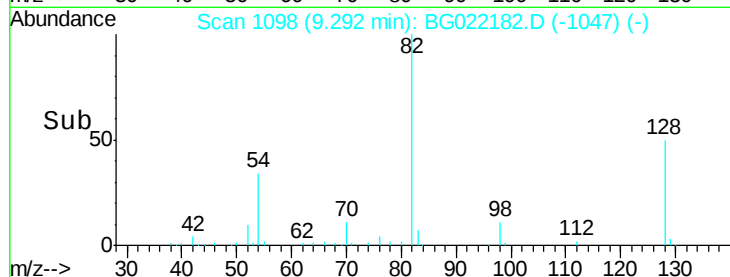
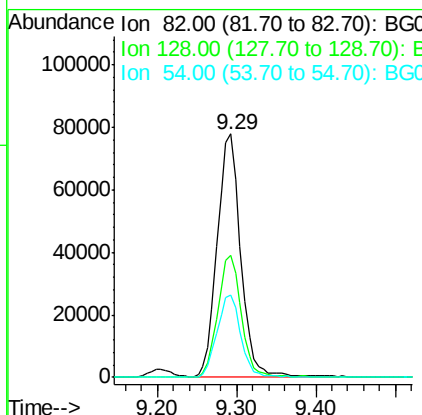
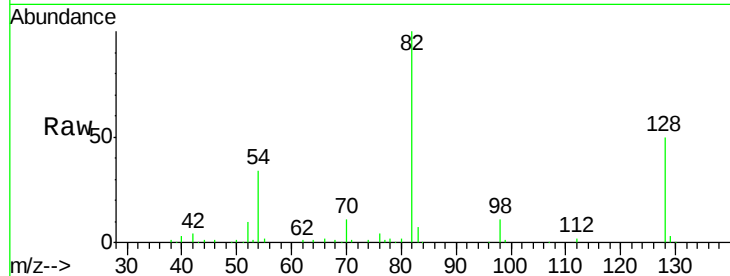
#23
 Nitrobenzene-d5
 Concen: 86.35 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Instrument :
 BNA_G
 ClientSampleID :
 PB91112BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	160761		
128	50.3	33.4	50.0#	
54	34.0	46.1	69.1#	

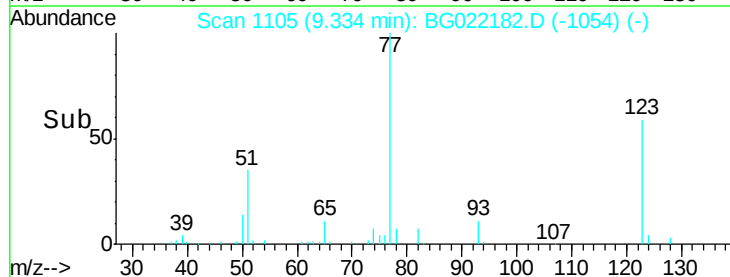
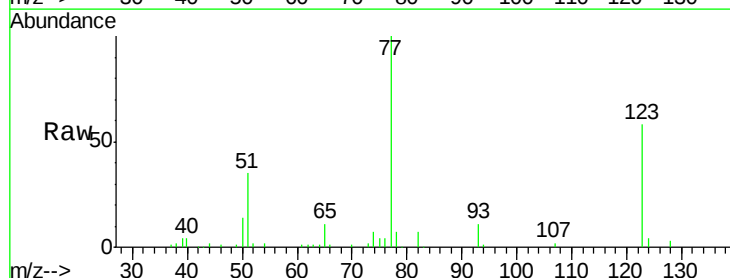
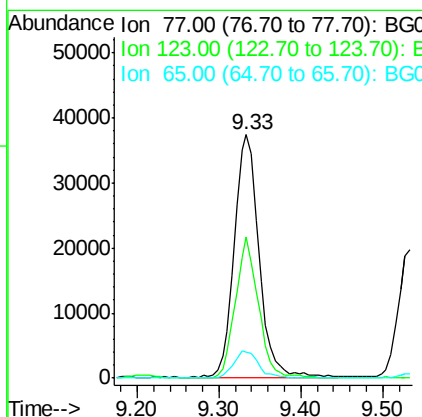
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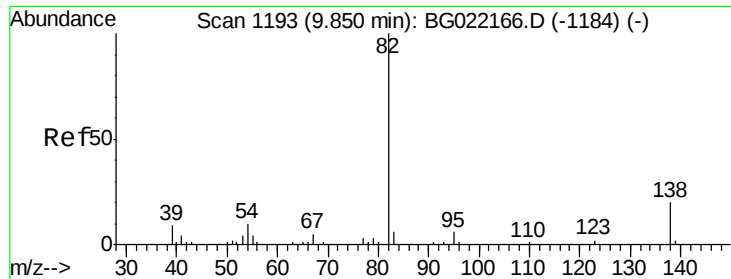
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#24
 Nitrobenzene
 Concen: 42.58 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	79719		
123	58.2	32.2	48.4#	
65	10.6	10.3	15.5	





#25

Isophorone

Concen: 38.18 ng

RT: 9.85 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

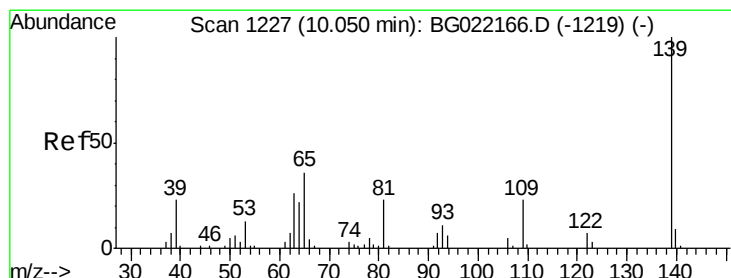
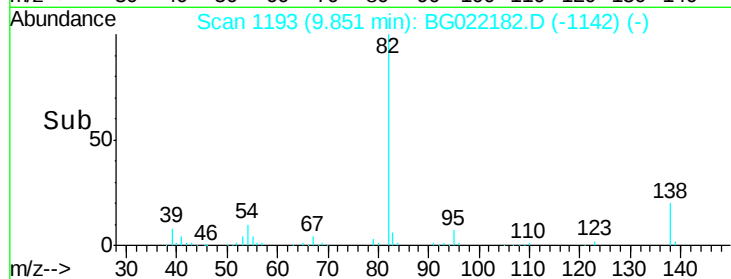
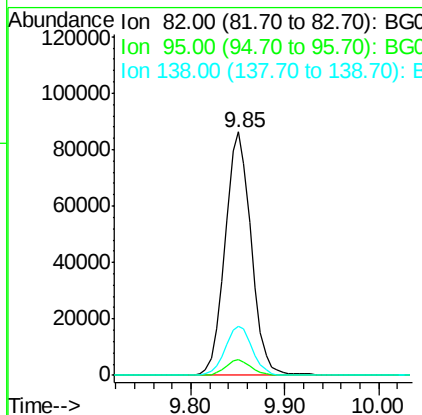
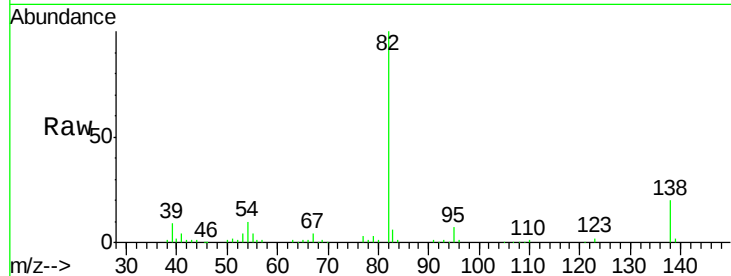
ClientSampleId :

PB91112BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	166309		
95	6.6	6.0	9.0	
138	20.0	13.4	20.0	

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#26

2-Nitrophenol

Concen: 43.01 ng

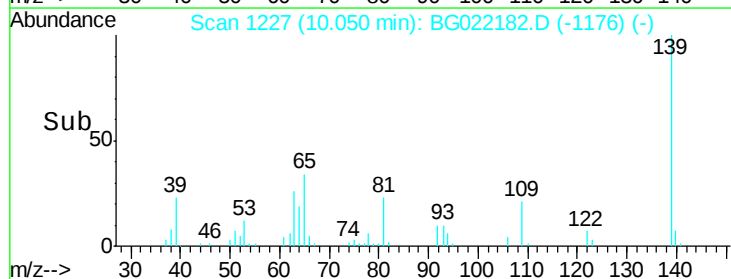
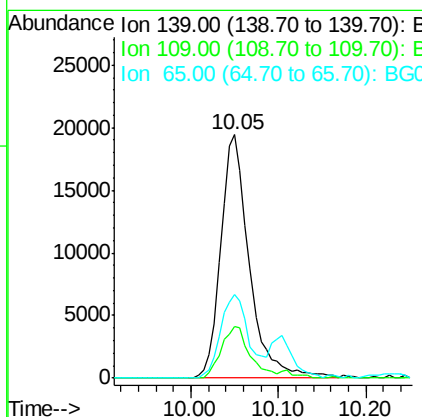
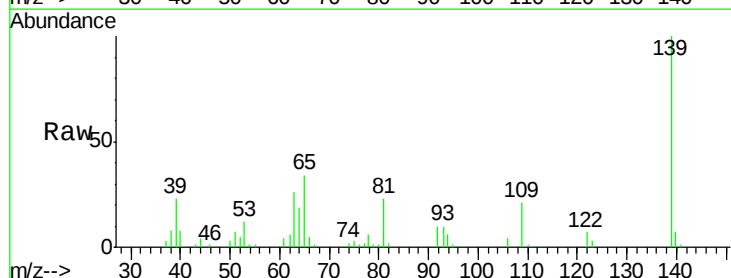
RT: 10.05 min Scan# 1227

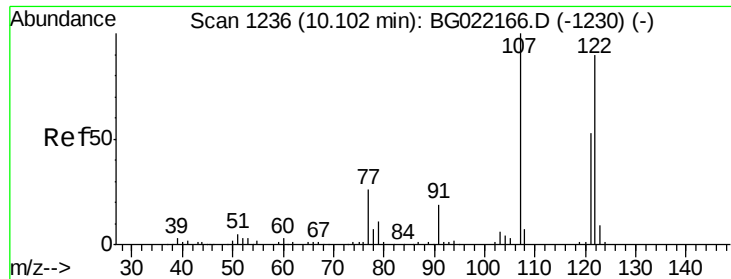
Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	43664		
109	21.0	26.6	40.0#	
65	34.5	45.3	67.9#	





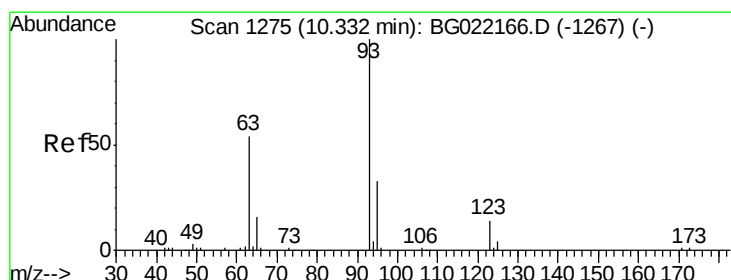
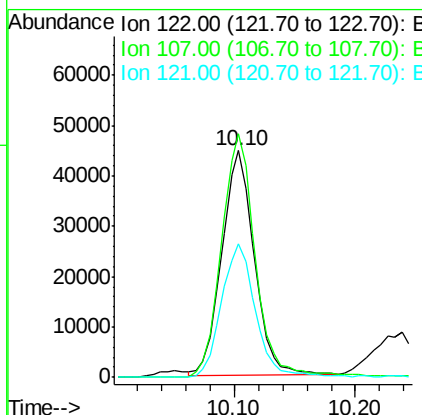
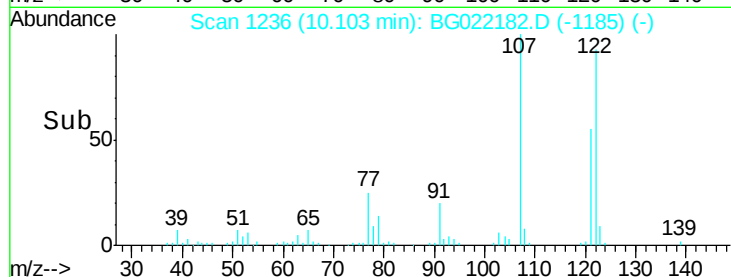
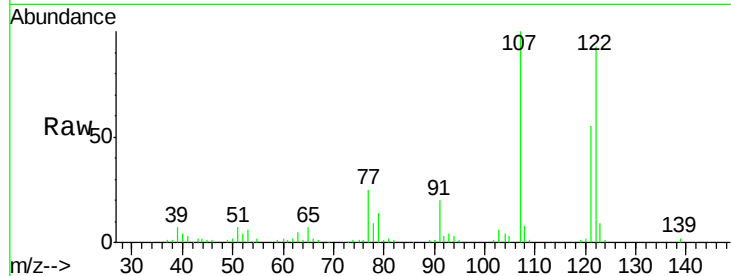
#27
 2,4-Dimethylphenol
 Concen: 45.20 ng
 RT: 10.10 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	107.4	97.2	145.8
121	58.7	49.0	73.4

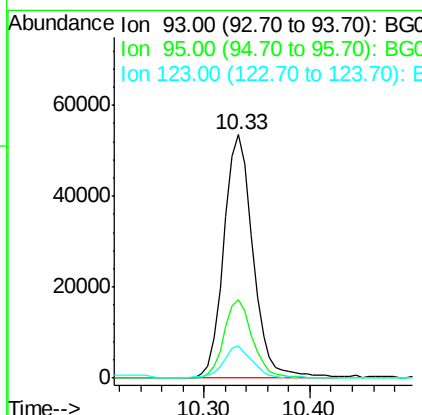
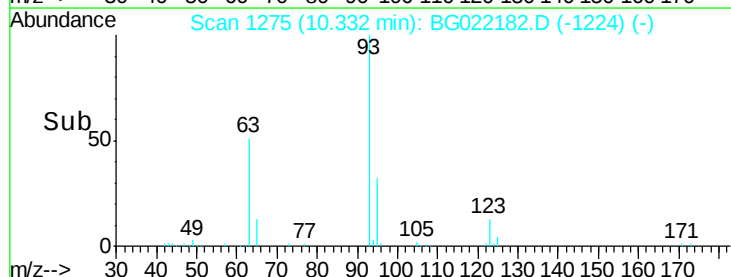
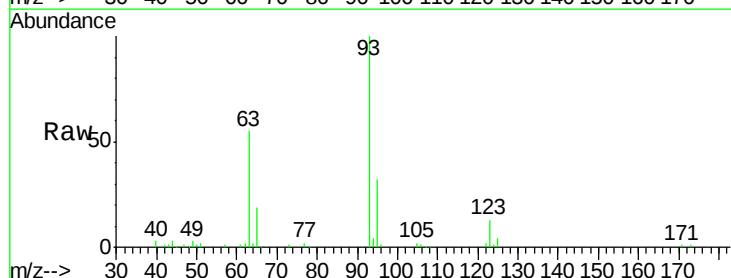
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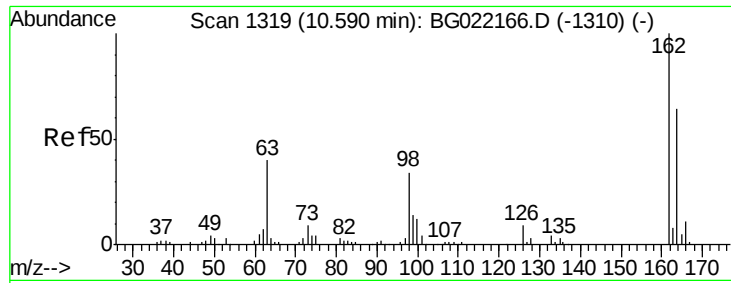
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.18 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	30.1	45.1
123	13.2	10.2	15.4





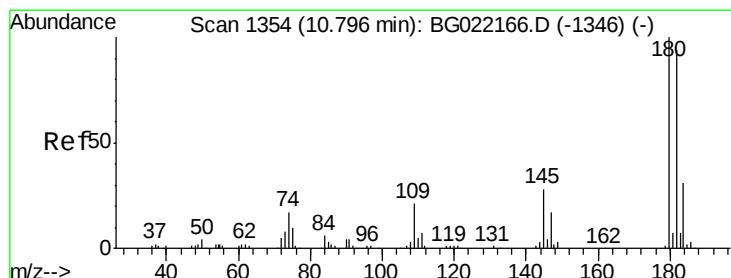
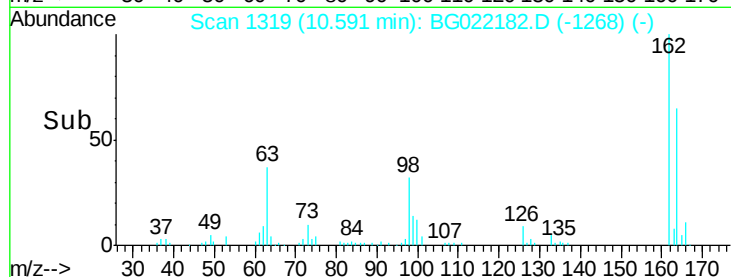
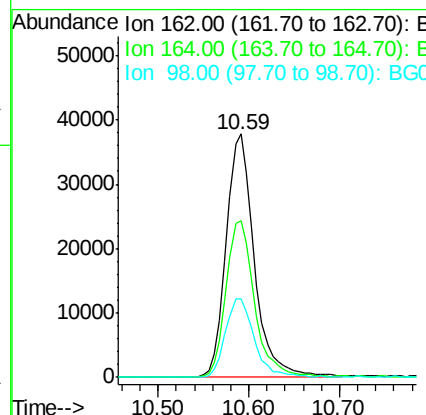
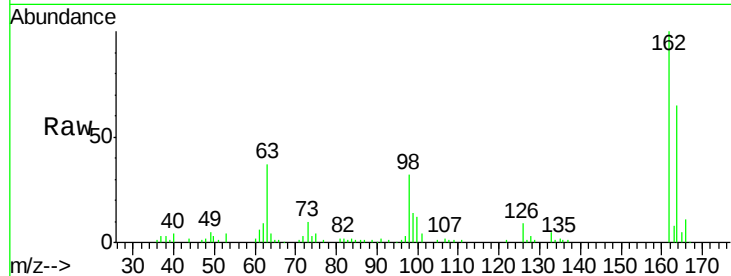
#29
 2,4-Dichlorophenol
 Concen: 47.94 ng
 RT: 10.59 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	81607		
164	64.5	44.9	84.9	
98	32.4	19.2	59.2	

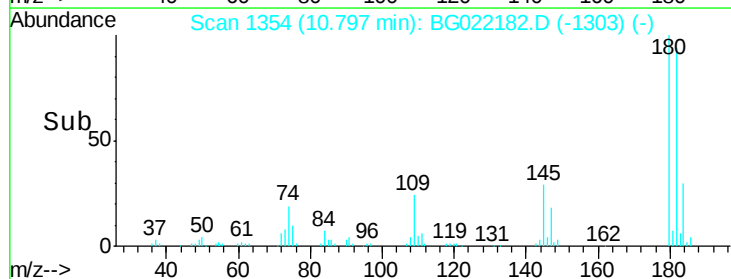
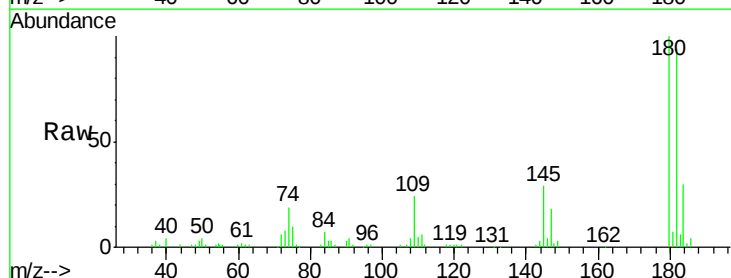
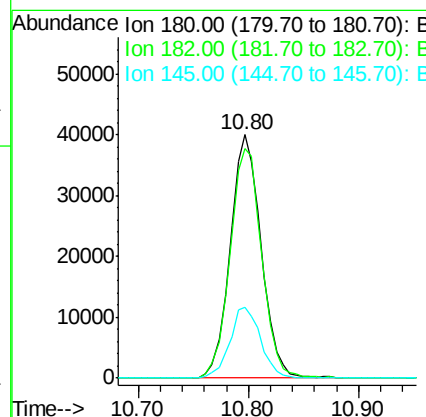
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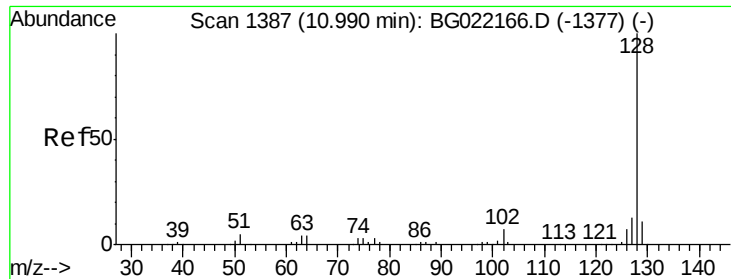
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.06 ng
 RT: 10.80 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	78098		
182	94.5	82.3	123.5	
145	29.0	24.4	36.6	





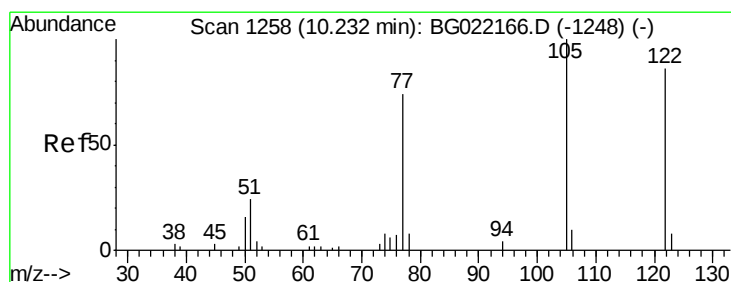
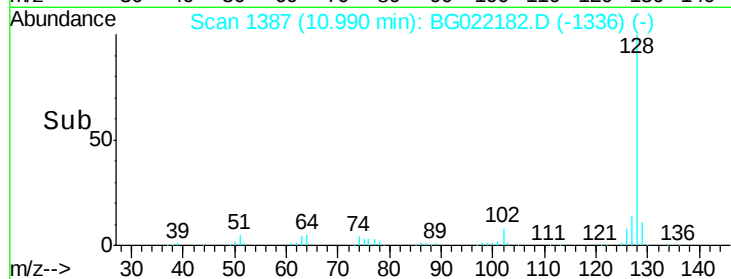
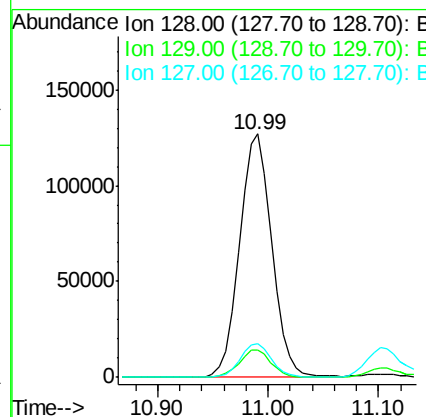
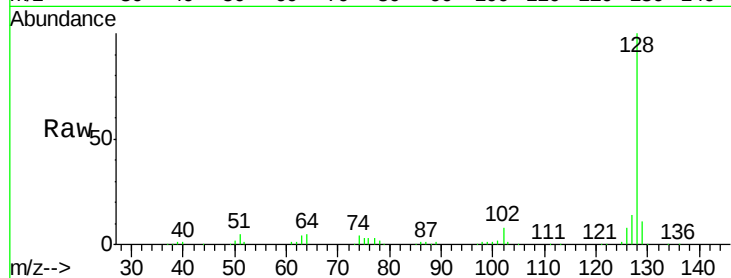
#31
Naphthalene
Concen: 40.27 ng
RT: 10.99 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Instrument :
BNA_G
ClientSampleId :
PB91112BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	260887		
129	11.0	7.0	10.6#	
127	14.1	10.1	15.1	

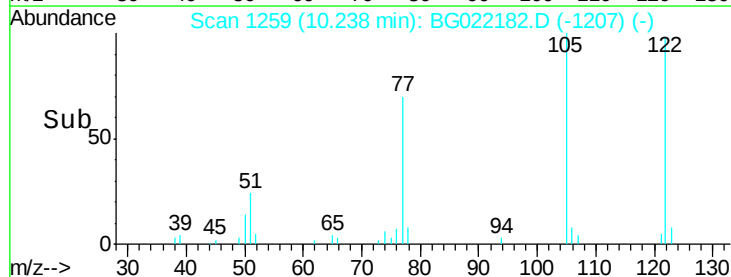
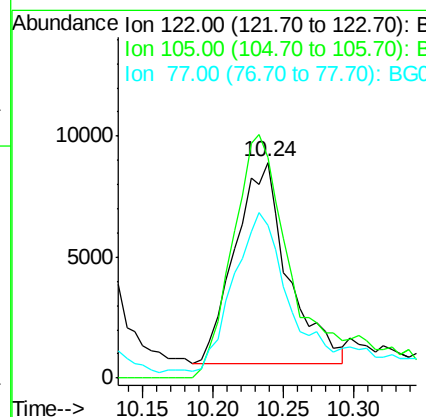
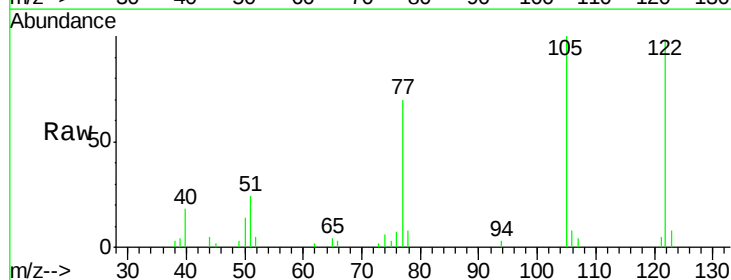
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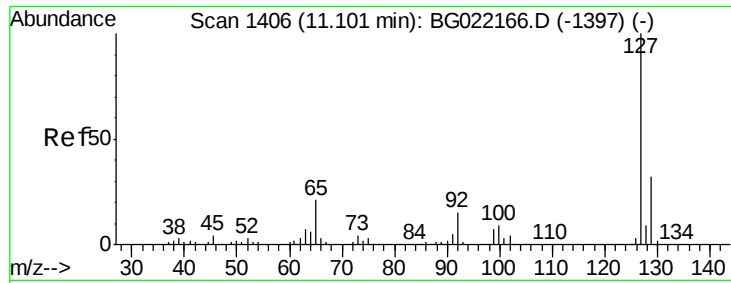
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#32
Benzoic acid
Concen: 38.36 ng
RT: 10.24 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	21619		
105	102.1	104.5	144.5#	
77	71.0	79.9	119.9#	





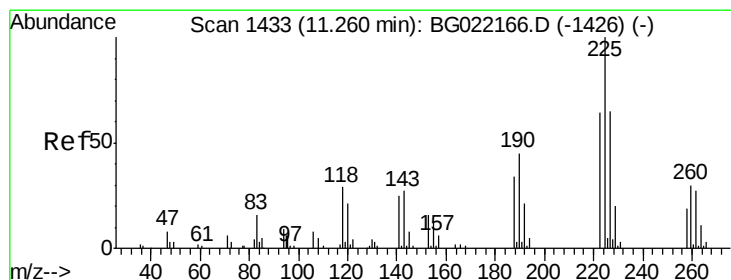
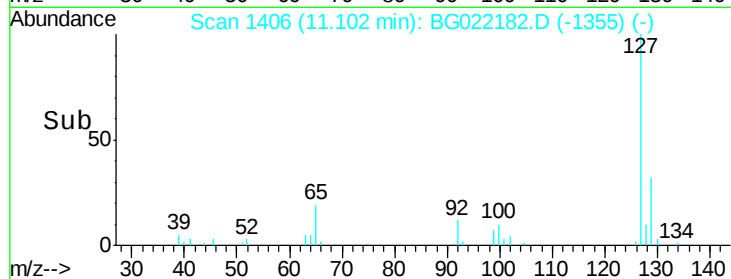
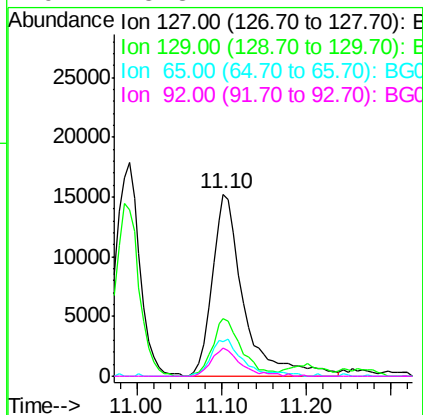
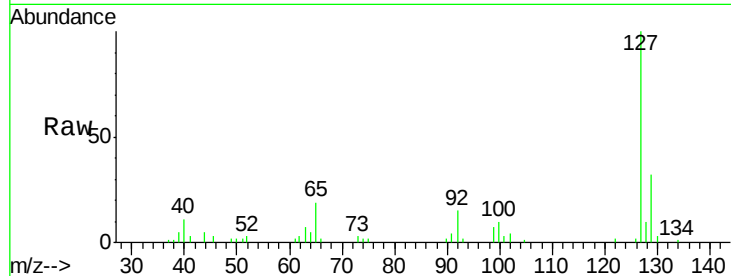
#33
4-Chloroaniline
Concen: 14.73 ng
RT: 11.10 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Instrument :
BNA_G
ClientSampleId :
PB91112BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	39671		
129	31.7	26.6	39.8	
65	19.1	27.5	41.3	
92	15.3	14.7	22.1	

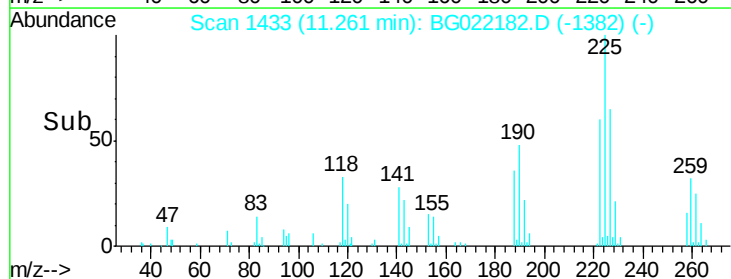
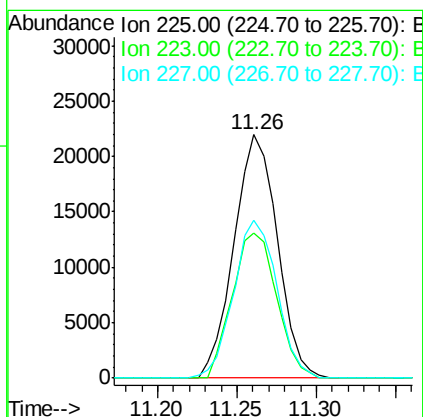
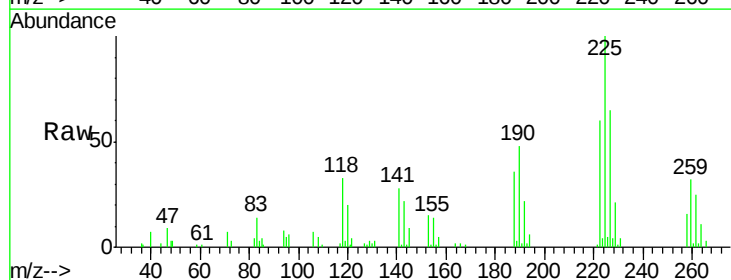
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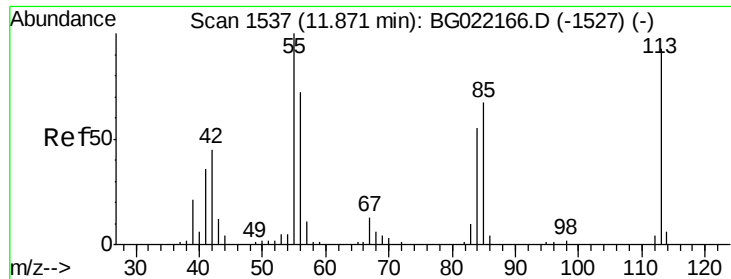
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#34
Hexachlorobutadiene
Concen: 40.80 ng
RT: 11.26 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	41663		
223	61.3	52.7	79.1	
227	65.4	49.7	74.5	





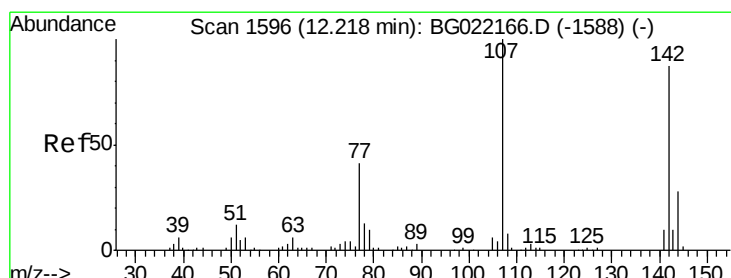
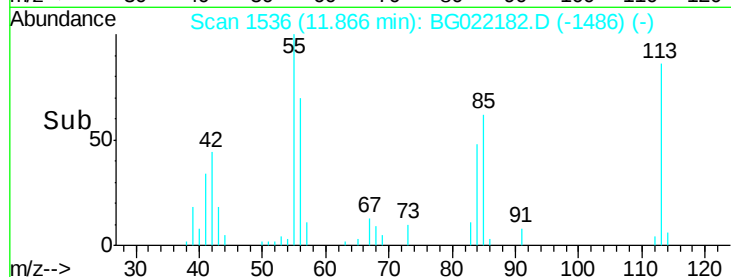
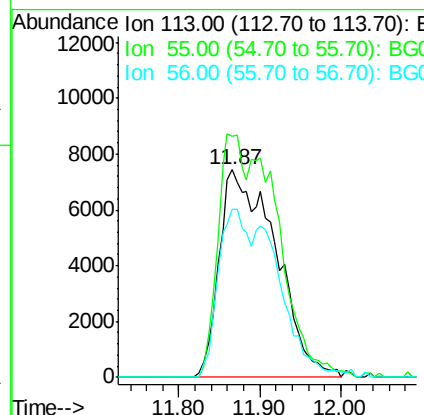
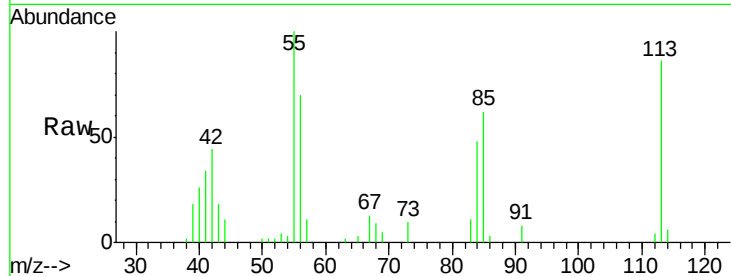
#35
 Caprolactam
 Concen: 38.43 ng m
 RT: 11.87 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	116.2	194.2	234.2#
56	81.2	122.6	162.6#

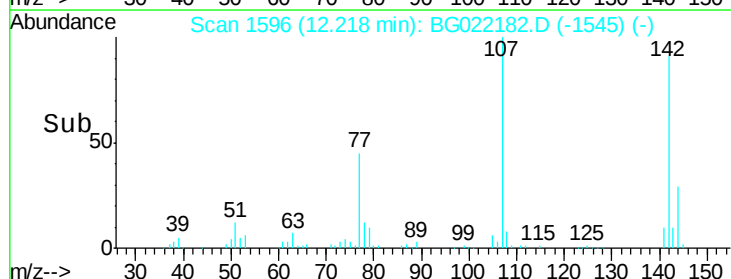
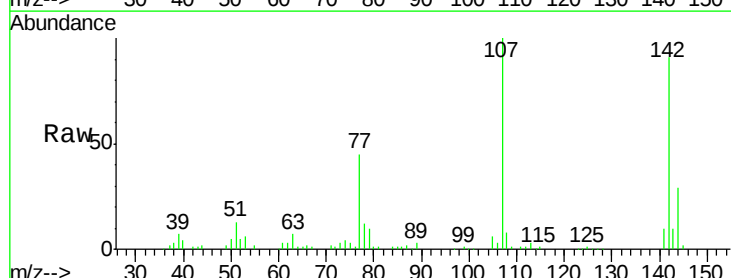
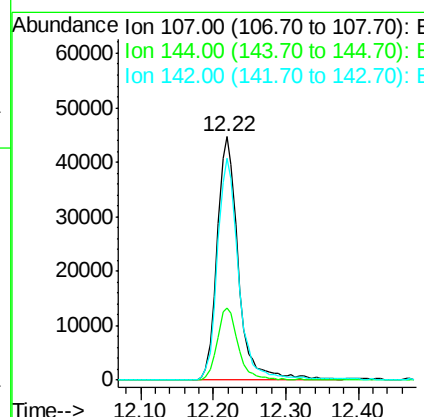
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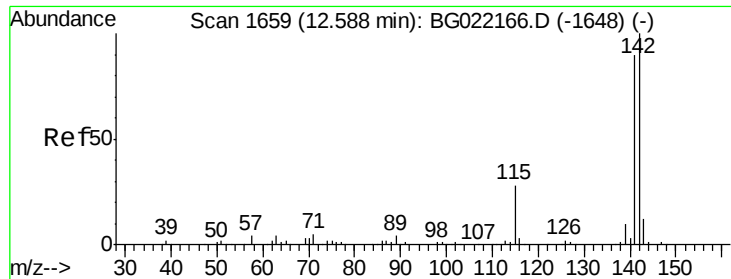
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#36
 4-Chloro-3-methylphenol
 Concen: 45.13 ng
 RT: 12.22 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.5	19.2	28.8#
142	91.0	59.1	88.7#





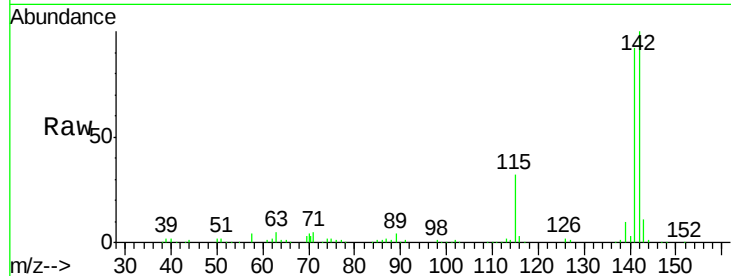
#37
2-Methylnaphthalene
Concen: 40.39 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Instrument :
BNA_G
ClientSampleId :
PB91112BS

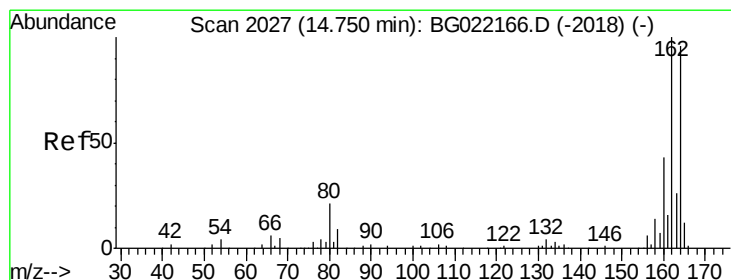
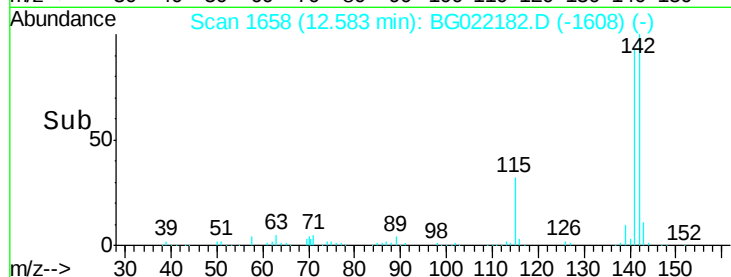
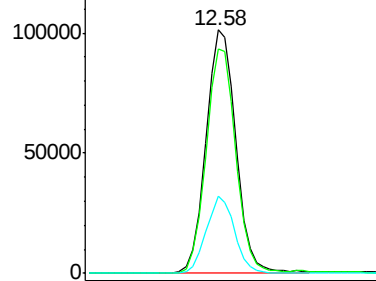
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	193182		
141	92.2	71.4	107.0	
115	31.9	27.4	41.2	

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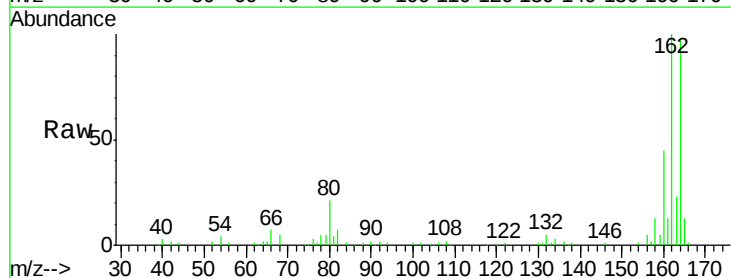


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

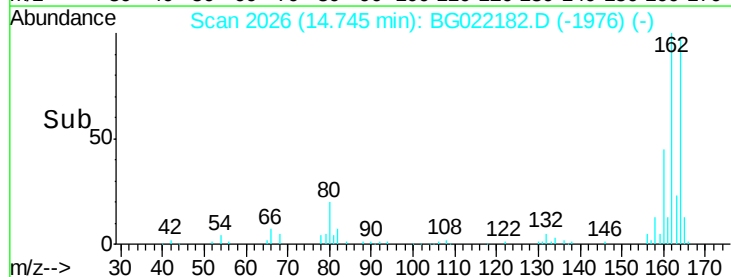
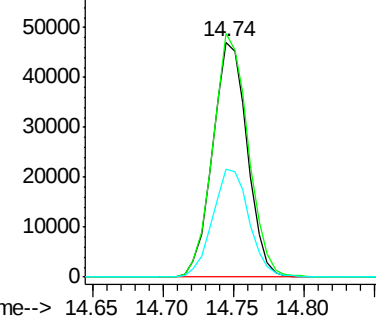


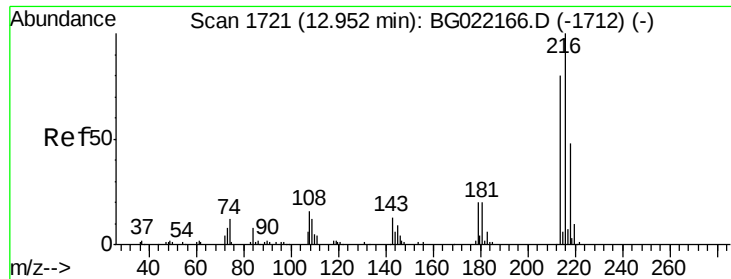
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	80805		
162	103.5	78.0	117.0	
160	46.1	32.9	49.3	



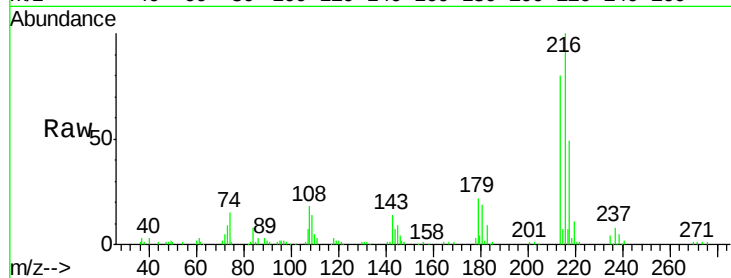
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.43 ng
 RT: 12.95 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

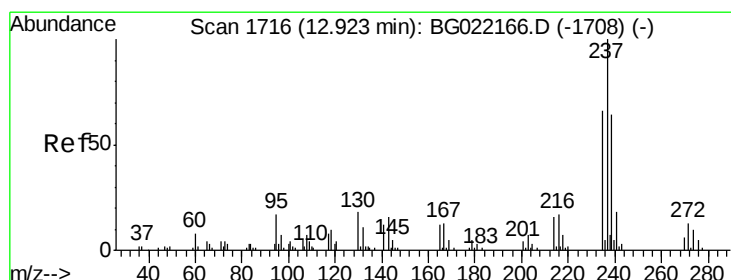
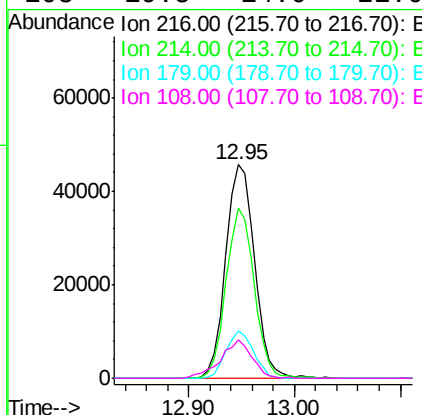
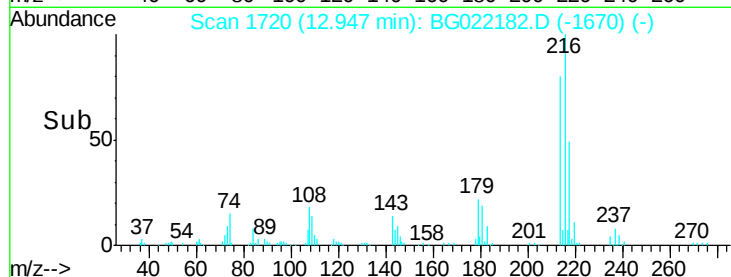
Instrument :
 BNA_G
 ClientSampled :
 PB91112BS



Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.2	93.2
179	21.2	16.7	25.1
108	19.5	14.0	21.0

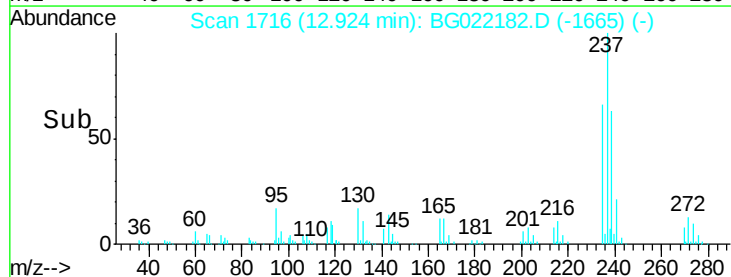
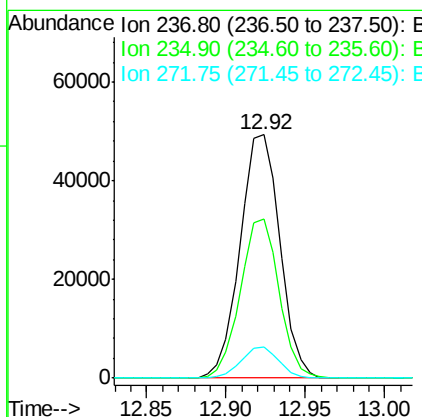
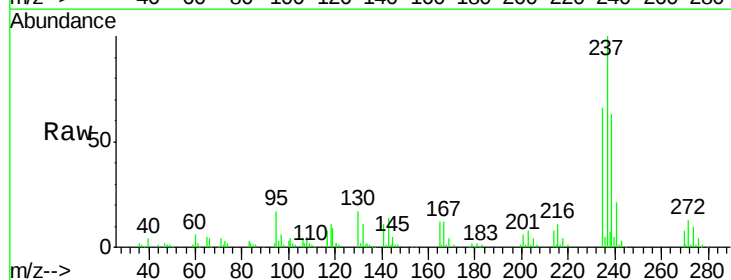
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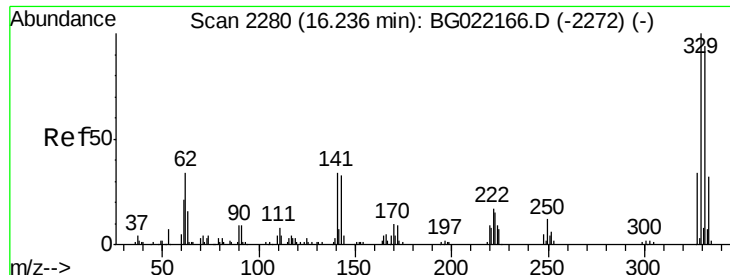
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#40
 Hexachlorocyclopentadiene
 Concen: 80.90 ng
 RT: 12.92 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.6	43.2	83.2
272	12.7	0.0	33.4





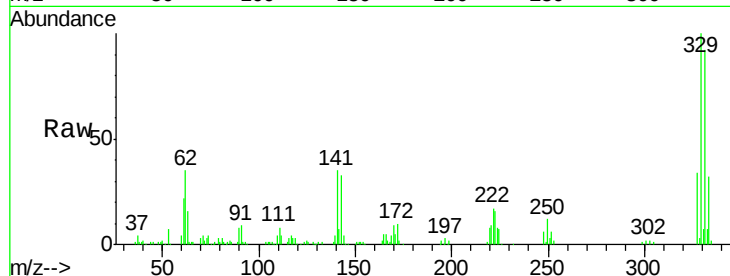
#41
 2,4,6-Tribromophenol
 Concen: 133.99 ng
 RT: 16.24 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

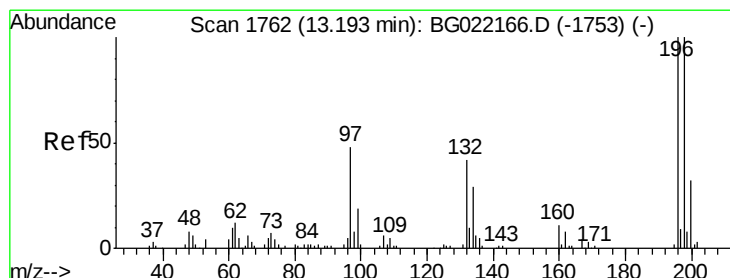
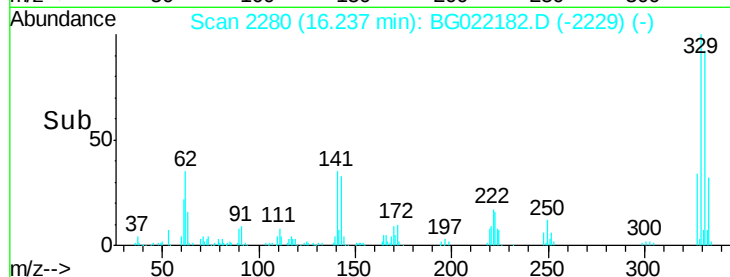
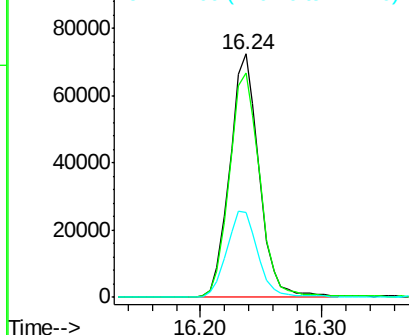
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	122339		
332	95.7	78.0	117.0	
141	37.6	33.8	50.8	

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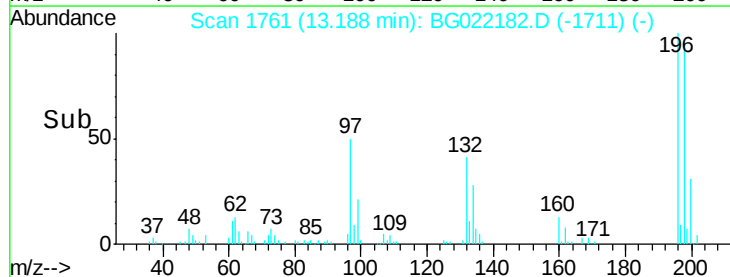
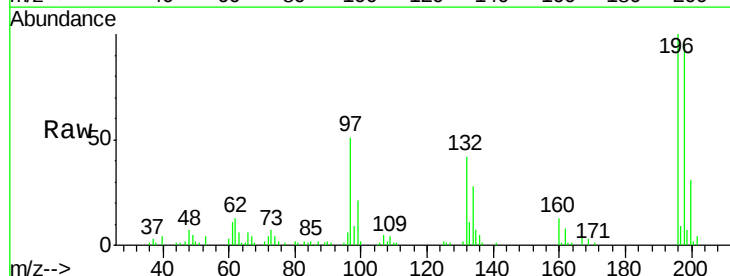
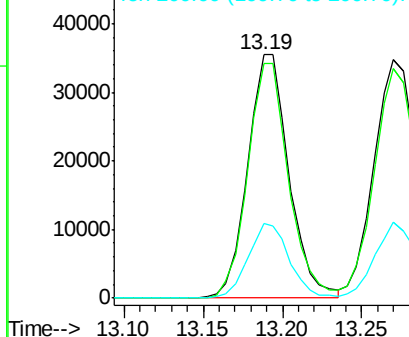
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

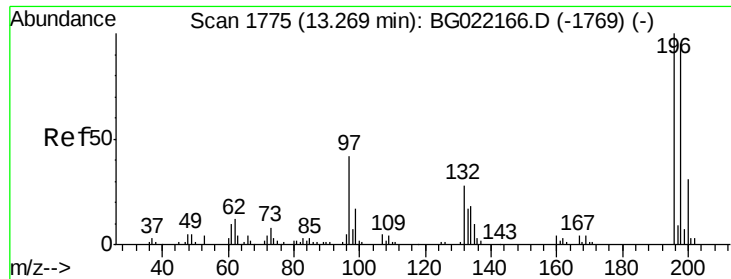


#42
 2,4,6-Trichlorophenol
 Concen: 46.00 ng
 RT: 13.19 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	64193		
198	96.5	80.1	120.1	
200	33.4	24.1	36.1	

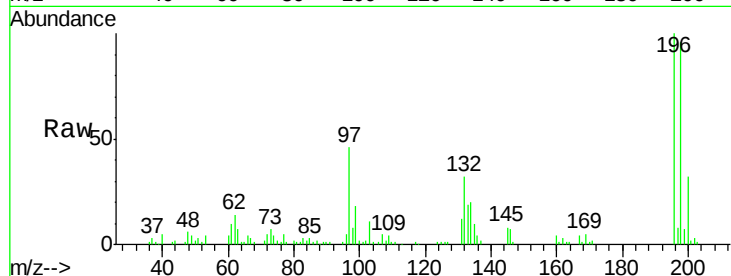
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 44.89 ng
 RT: 13.27 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

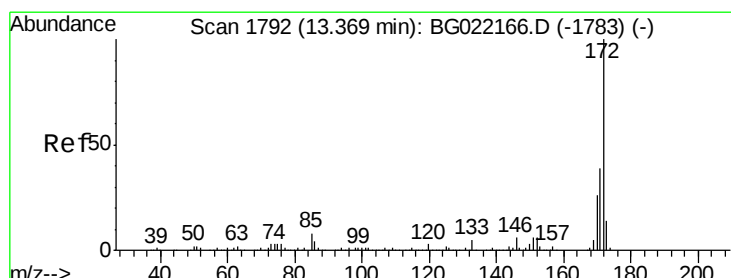
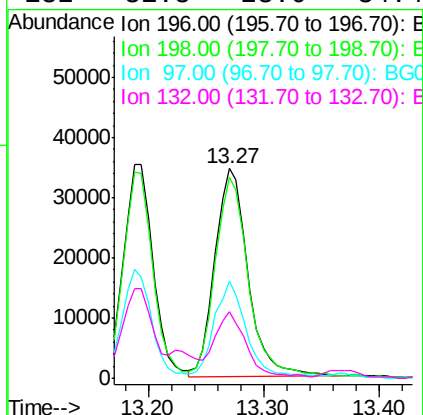
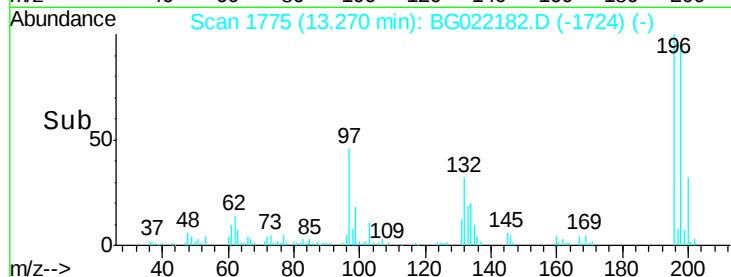
Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	69211		
198	95.9	78.0	117.0	
97	46.2	43.0	64.6	
132	31.8	23.0	34.4	

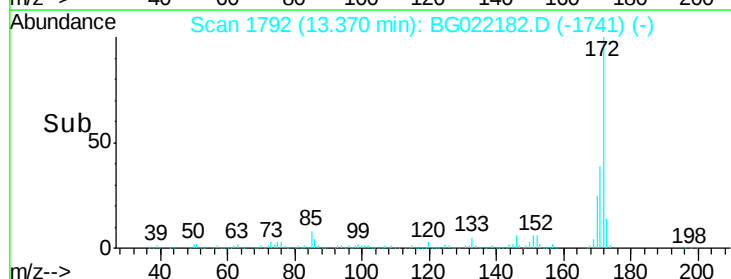
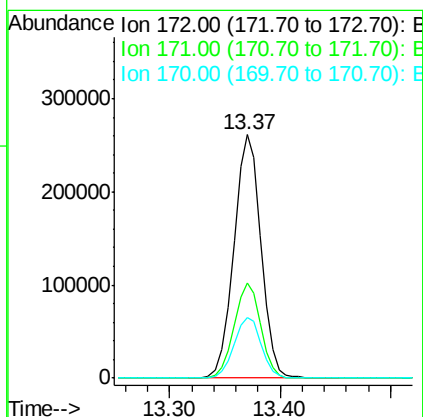
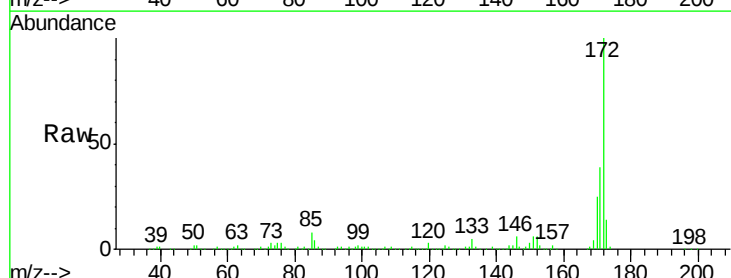
Manual Integrations
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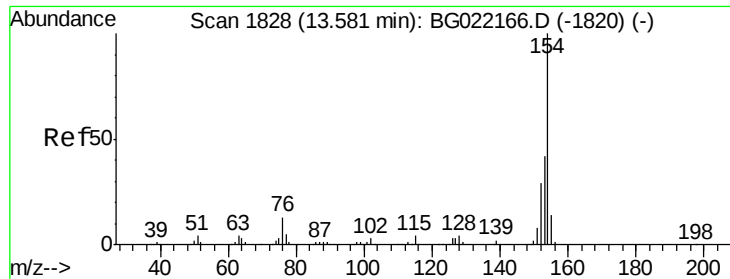
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#44
 2-Fluorobiphenyl
 Concen: 84.31 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	447052		
171	38.9	27.8	41.6	
170	25.1	19.6	29.4	





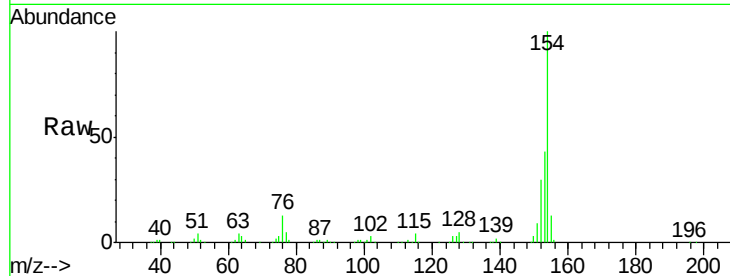
#45
 1,1'-Biphenyl
 Concen: 42.36 ng
 RT: 13.58 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

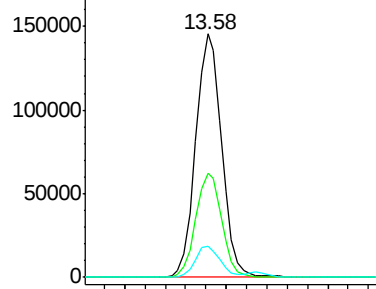
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	257624		
153	42.9	19.7	59.7	
76	12.7	0.0	33.0	

Manual Integrations
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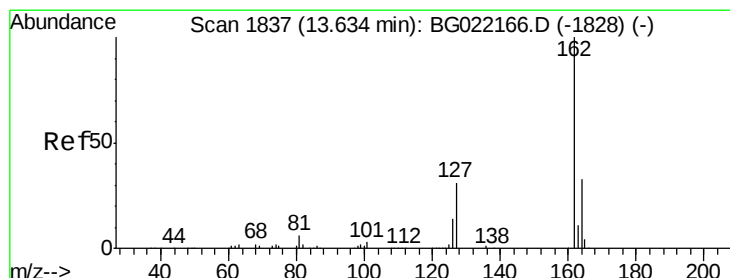
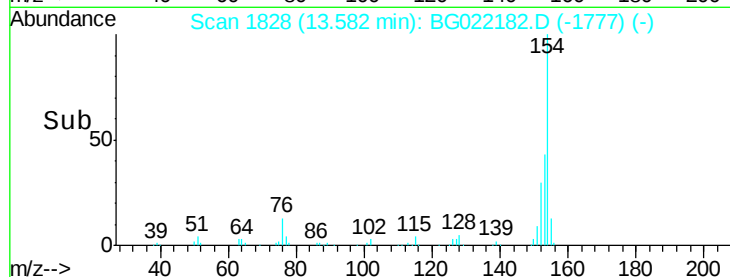
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Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

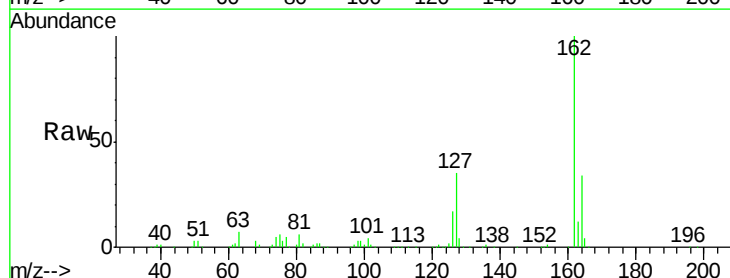


Time-->

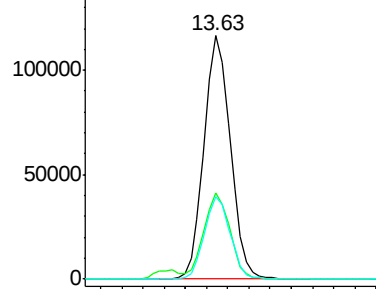


#46
 2-Chloronaphthalene
 Concen: 43.21 ng
 RT: 13.63 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

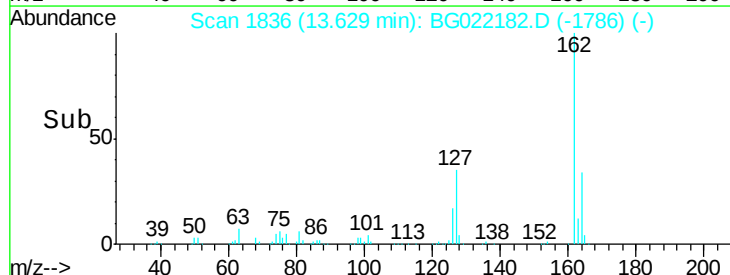
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	201415		
127	35.1	32.0	48.0	
164	34.0	27.0	40.4	



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



Time-->





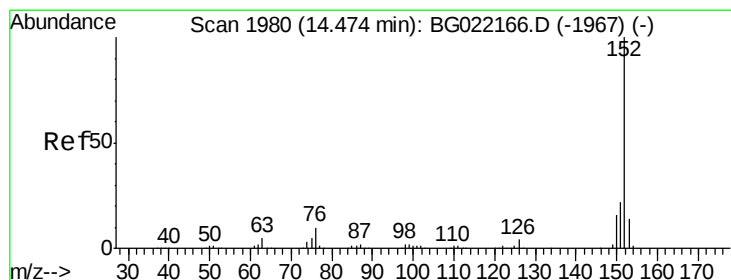
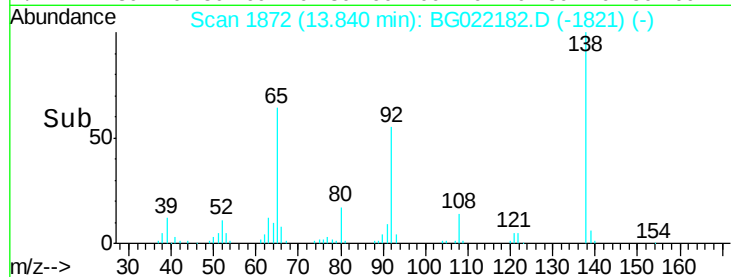
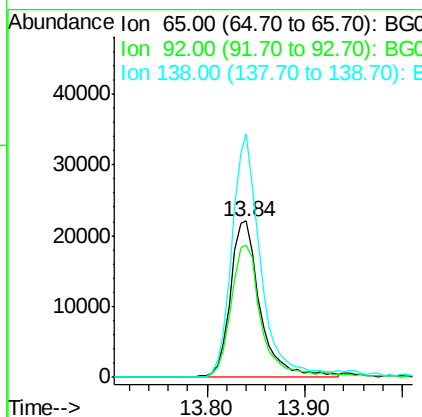
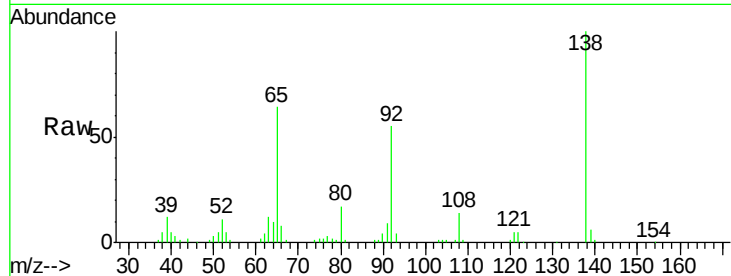
#47
 2-Nitroaniline
 Concen: 42.16 ng
 RT: 13.84 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	46864		
92	84.9	49.2	73.8#	
138	155.6	75.0	112.6#	

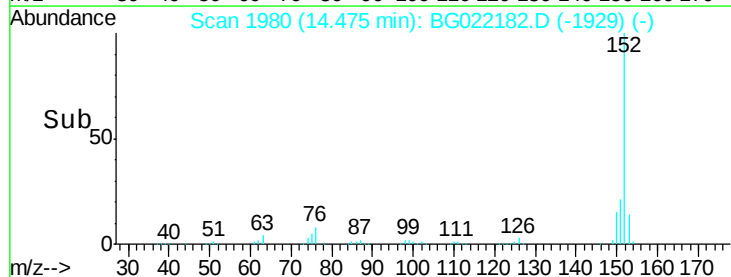
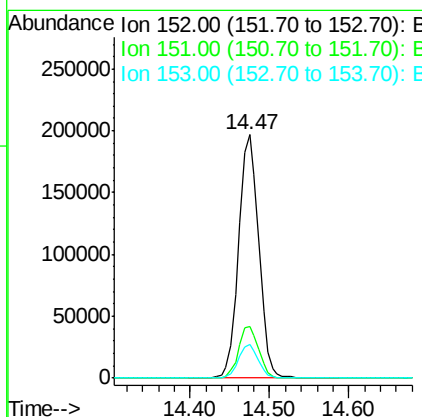
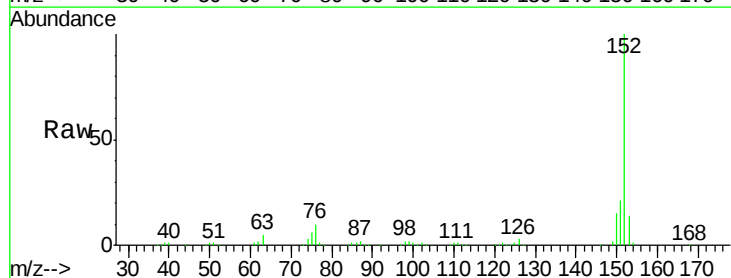
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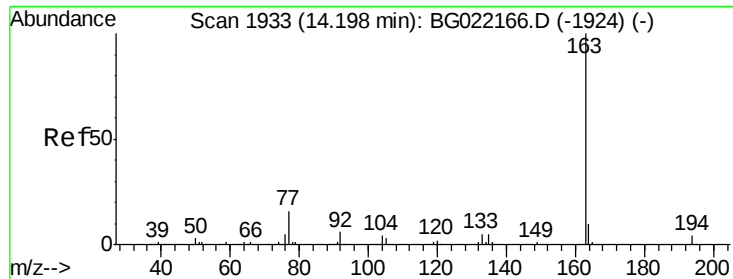
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#48
 Acenaphthylene
 Concen: 42.32 ng
 RT: 14.47 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	346139		
151	21.3	16.6	24.8	
153	13.6	10.2	15.2	





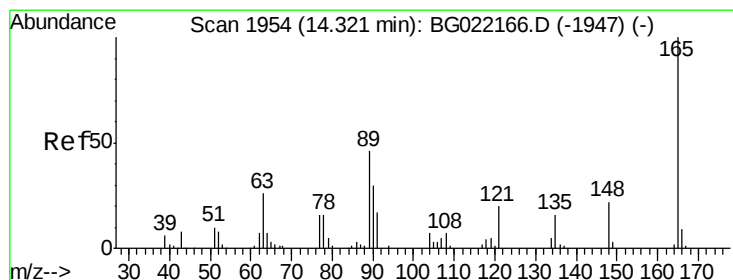
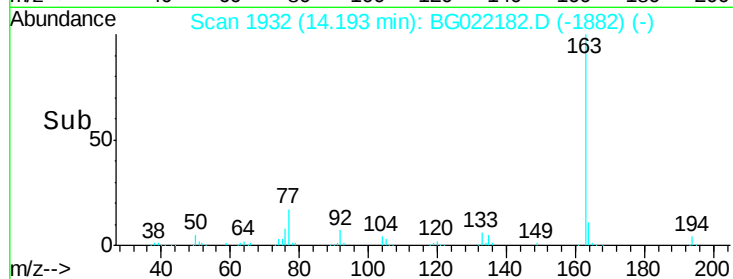
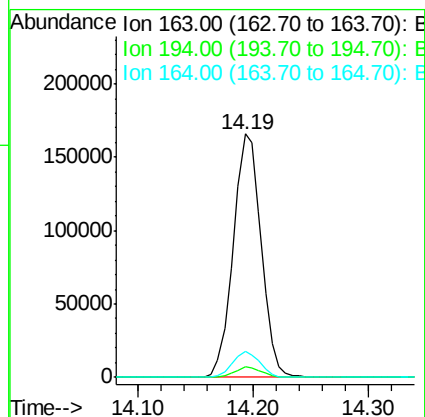
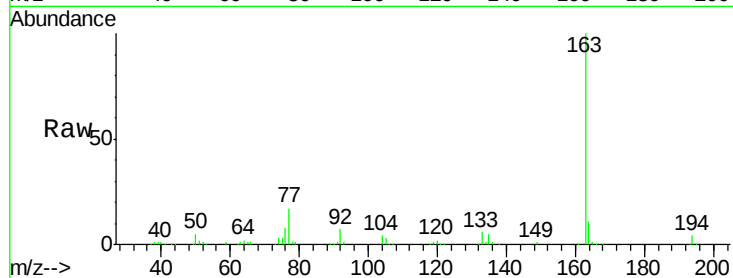
#49
Dimethylphthalate
Concen: 41.36 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Instrument :
BNA_G
ClientSampleId :
PB91112BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.3	3.0	4.6
164	10.7	8.1	12.1

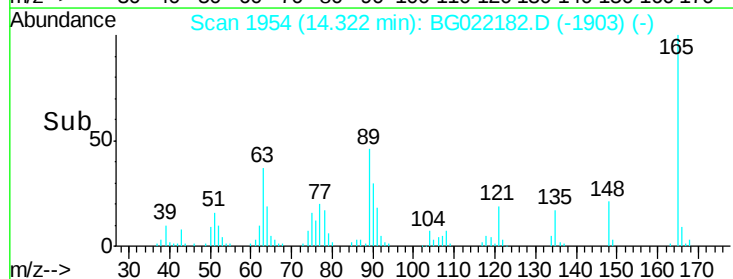
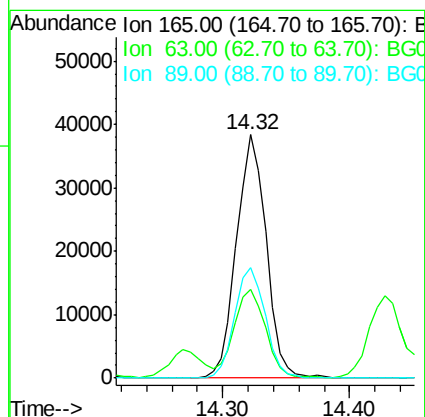
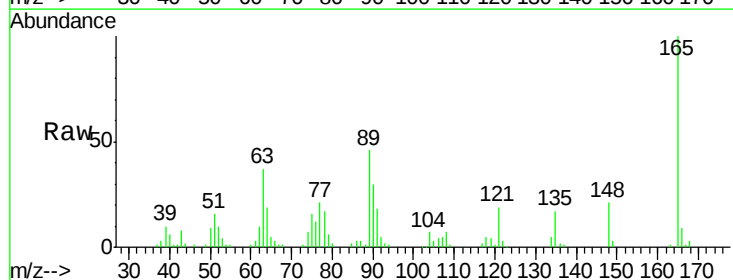
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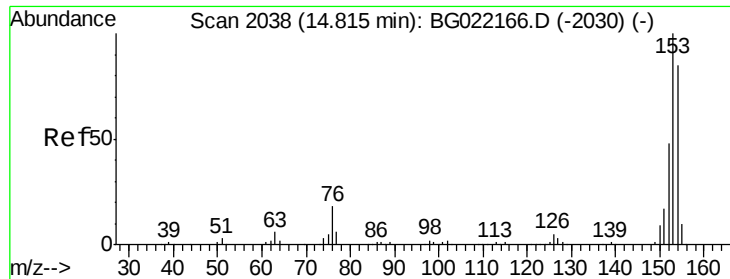
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#50
2,6-Dinitrotoluene
Concen: 42.75 ng
RT: 14.32 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	36.6	48.2	72.4#
89	45.5	45.3	67.9





#51

Acenaphthene

Concen: 41.21 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG022182.D

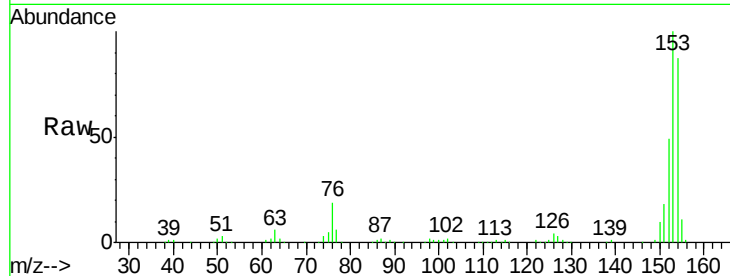
Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

ClientSampleId :

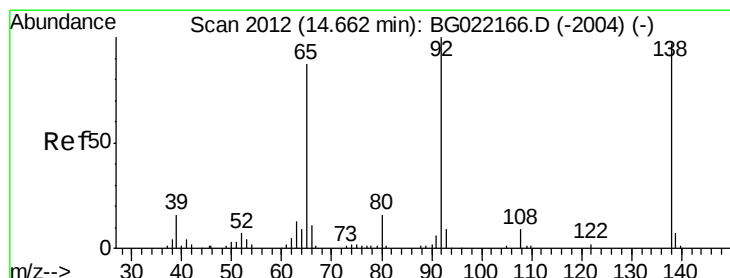
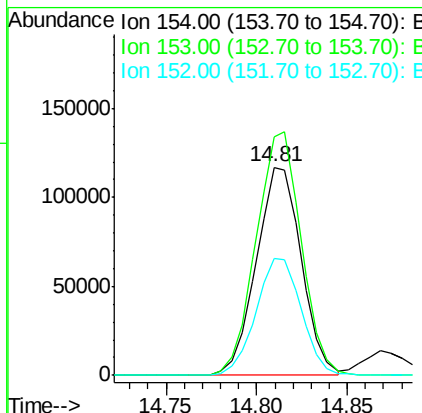
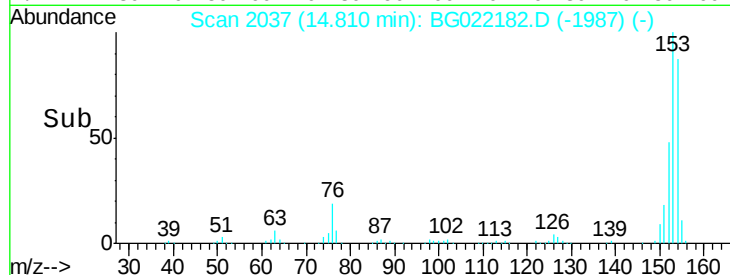
PB91112BS



Tgt	Ion	Resp	Lower	Upper
154	100			
153	114.5	91.9	137.9	
152	55.9	42.0	63.0	

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#52

3-Nitroaniline

Concen: 18.54 ng

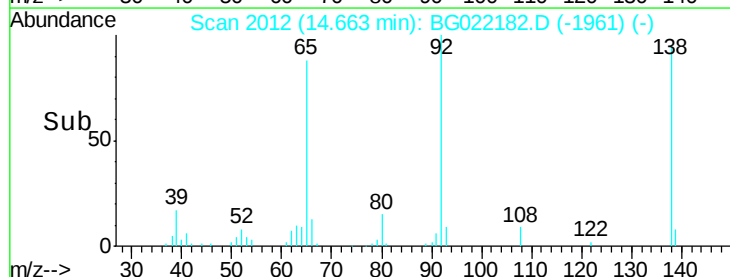
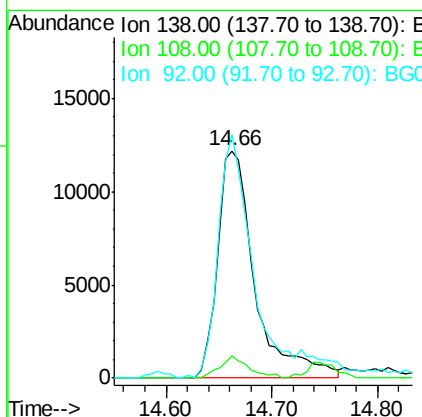
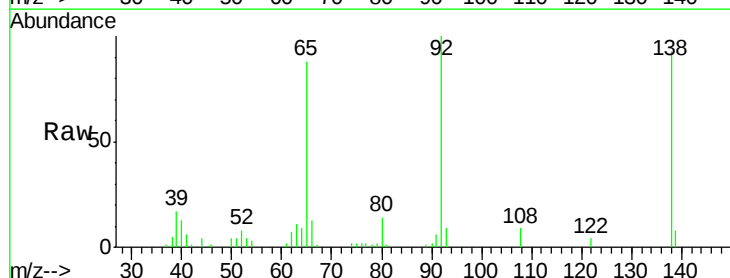
RT: 14.66 min Scan# 2012

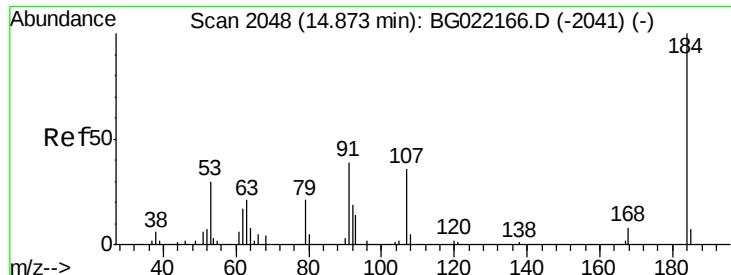
Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Tgt	Ion	Resp	Lower	Upper
138	100			
108	9.5	9.1	13.7	
92	107.3	102.6	154.0	





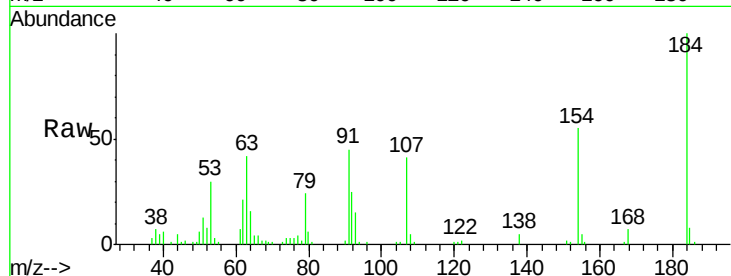
#53
2,4-Dinitrophenol
Concen: 83.59 ng
RT: 14.87 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Instrument :
BNA_G
ClientSampleId :
PB91112BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	50053		
63	42.2	57.3	85.9#	
154	54.6	55.2	82.8#	

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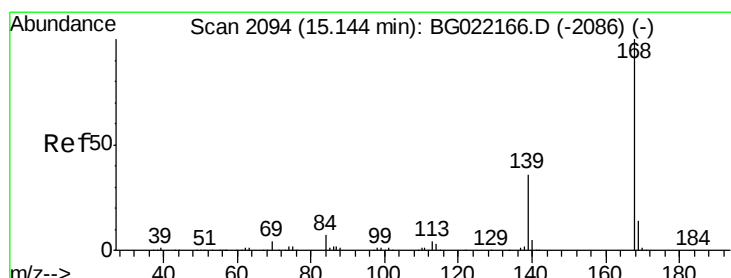
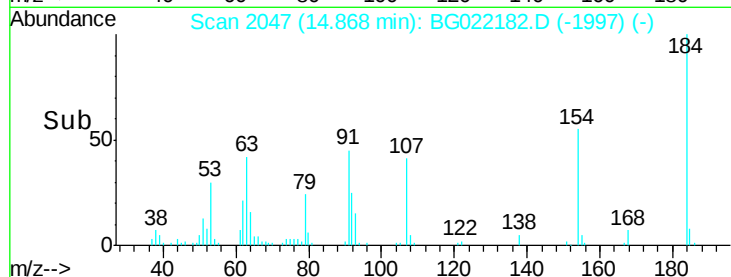
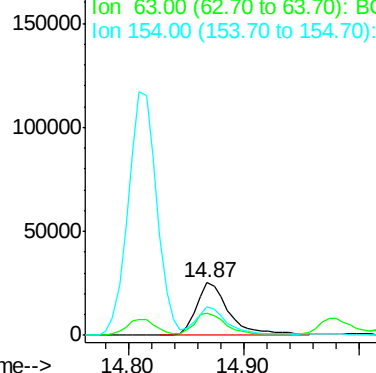


Abundance

Ion 184.00 (183.70 to 184.70): E

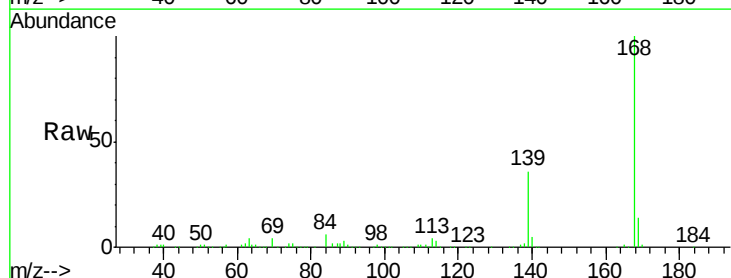
Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 42.16 ng
RT: 15.14 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	322377		
139	36.3	31.1	46.7	
169	13.9	11.0	16.6	

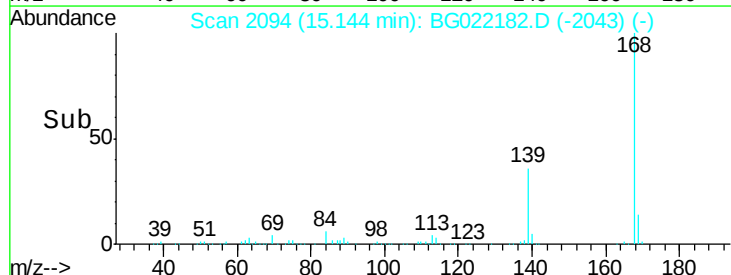
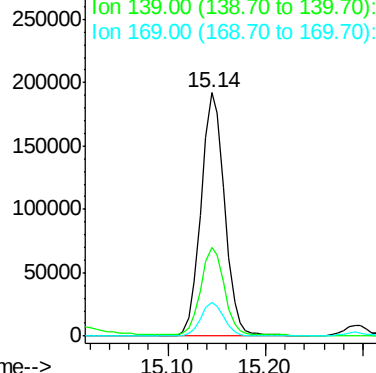


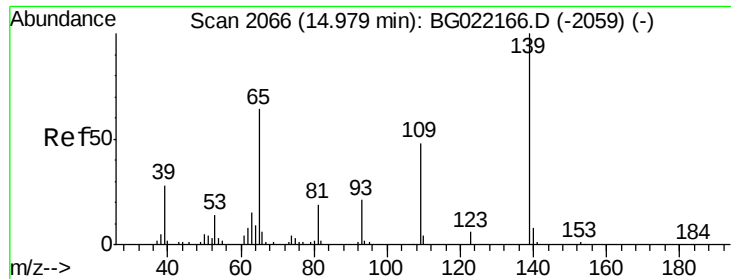
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





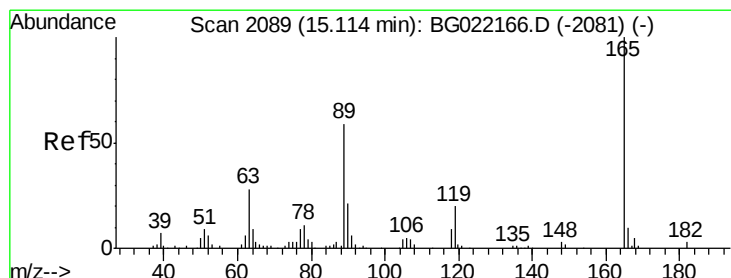
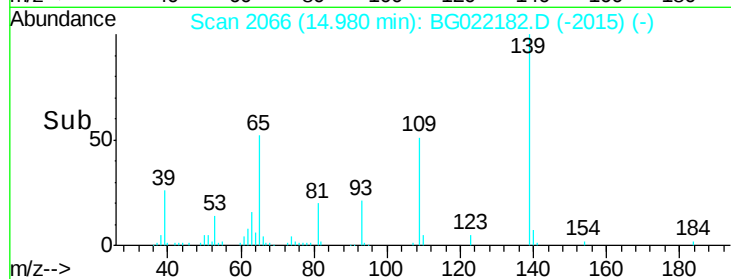
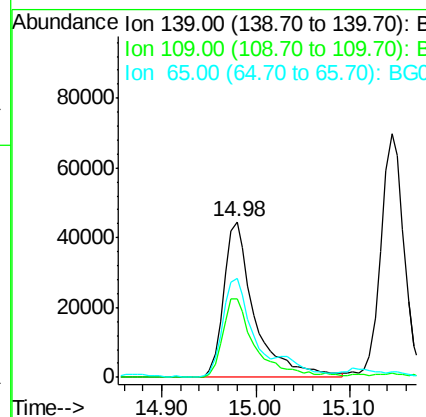
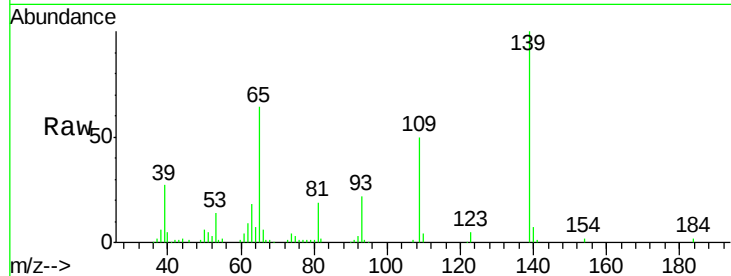
#55
4-Nitrophenol
Concen: 91.33 ng
RT: 14.98 min Scan# 2066
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Instrument :
BNA_G
ClientSampleId :
PB91112BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	101820		
109	50.2	49.2	89.2	
65	63.9	83.2	123.2	

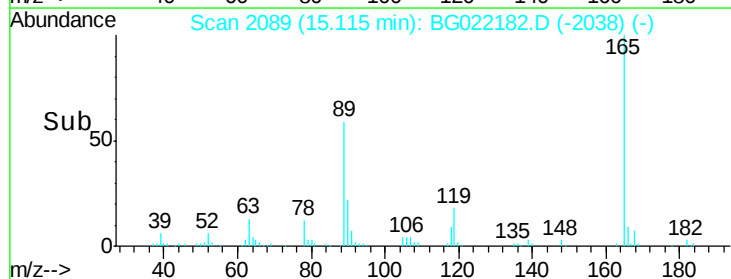
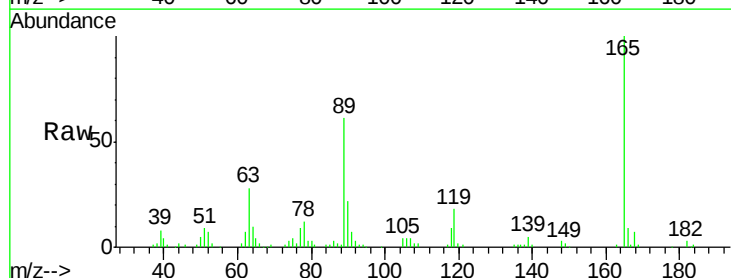
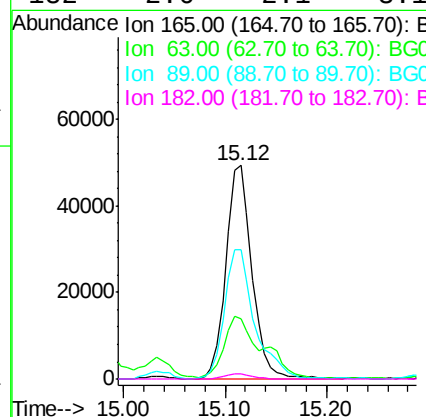
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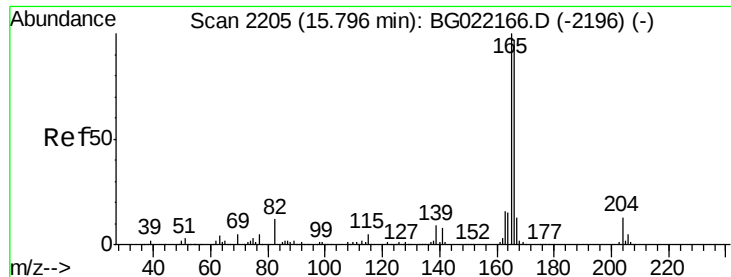
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#56
2,4-Dinitrotoluene
Concen: 44.97 ng
RT: 15.12 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	87853		
63	28.4	37.4	56.0	
89	60.6	59.4	89.0	
182	2.6	2.1	3.1	





#57

Fluorene

Concen: 41.70 ng

RT: 15.79 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

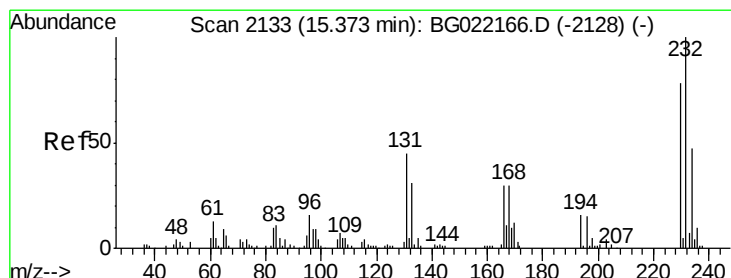
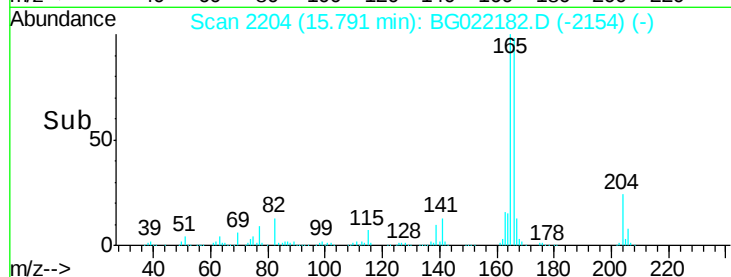
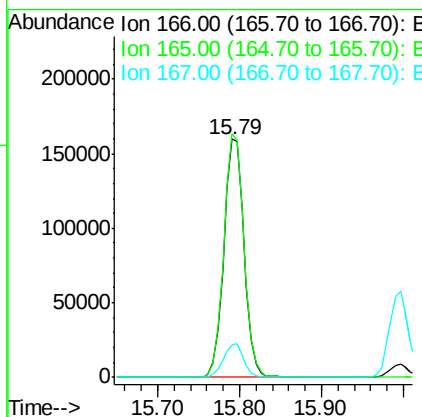
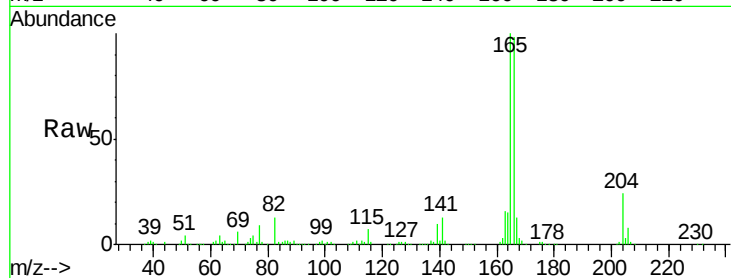
ClientSampleId :

PB91112BS

Tgt Ion:	166	Resp:	274725
Ion Ratio	Lower	Upper	
166	100		
165	102.2	79.0	118.4
167	13.7	10.7	16.1

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.65 ng

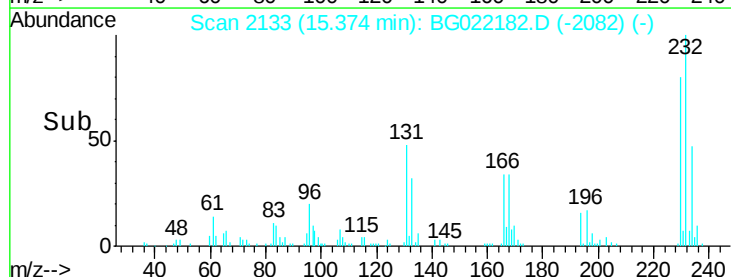
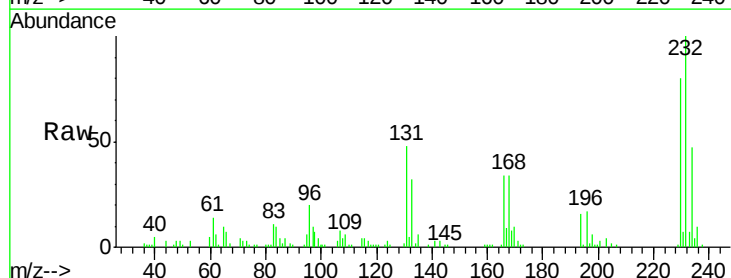
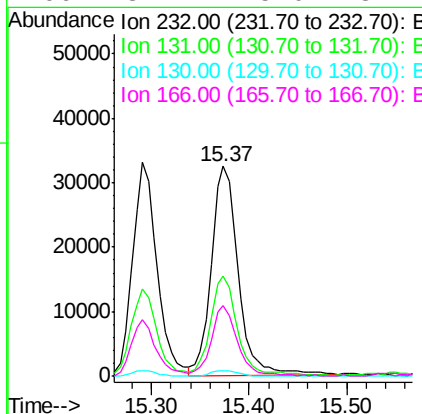
RT: 15.37 min Scan# 2133

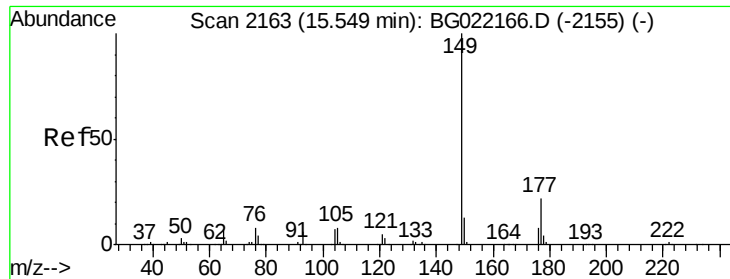
Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Tgt Ion:	232	Resp:	61739
Ion Ratio	Lower	Upper	
232	100		
131	48.8	36.3	54.5
130	2.5	1.9	2.9
166	32.7	25.0	37.4





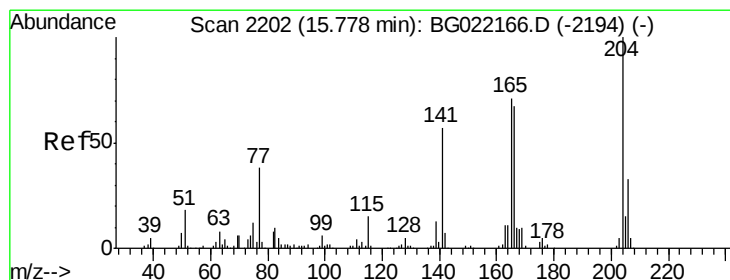
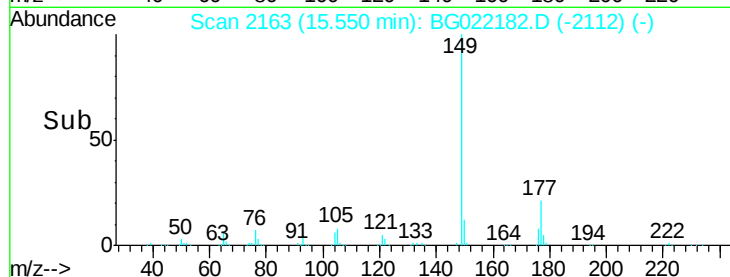
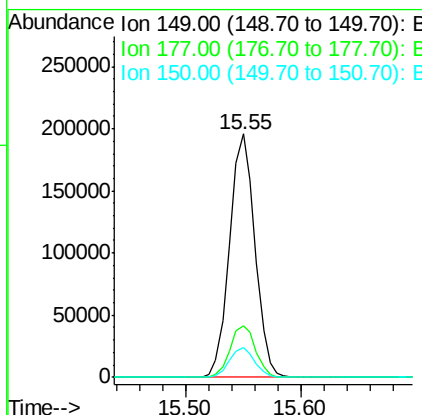
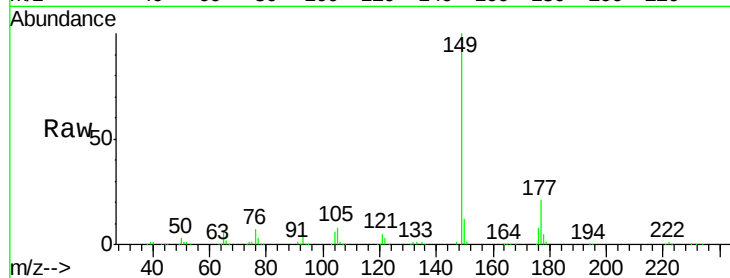
#59
Diethylphthalate
Concen: 41.49 ng
RT: 15.55 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Instrument :
BNA_G
ClientSampleId :
PB91112BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	296943		
177	21.3	17.3	25.9	
150	12.2	9.7	14.5	

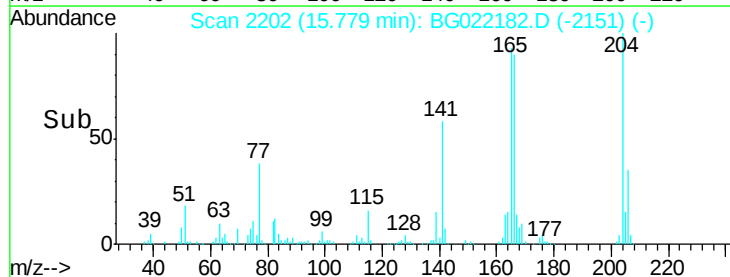
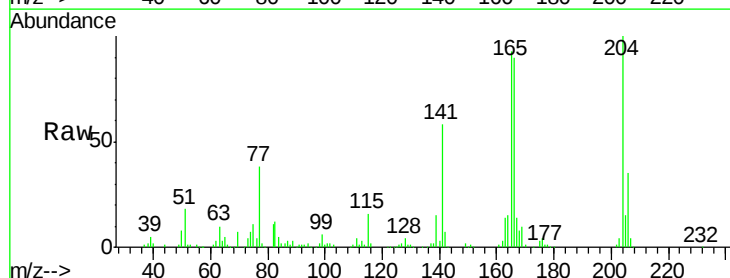
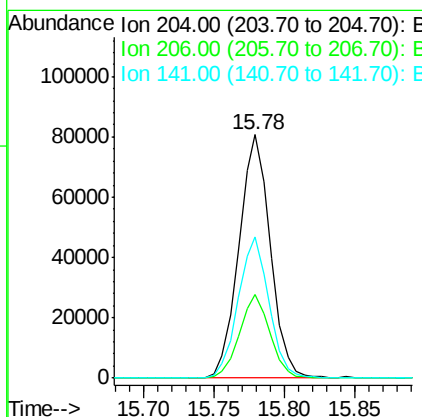
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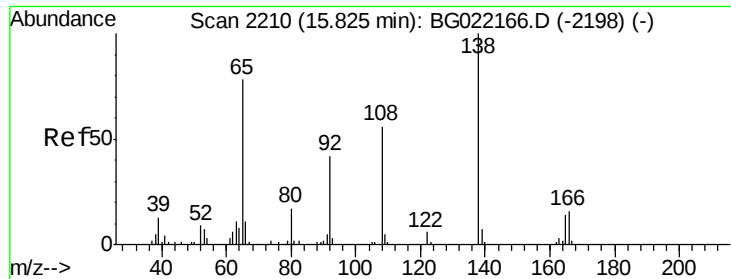
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#60
4-Chlorophenyl-phenylether
Concen: 42.05 ng
RT: 15.78 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	125446		
206	34.6	27.8	41.8	
141	57.8	51.0	76.4	





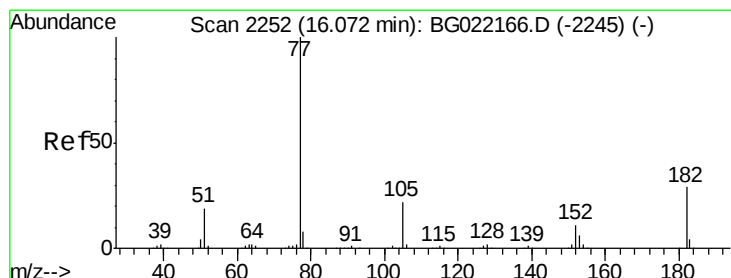
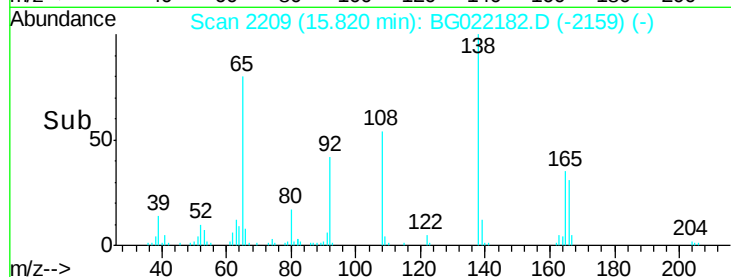
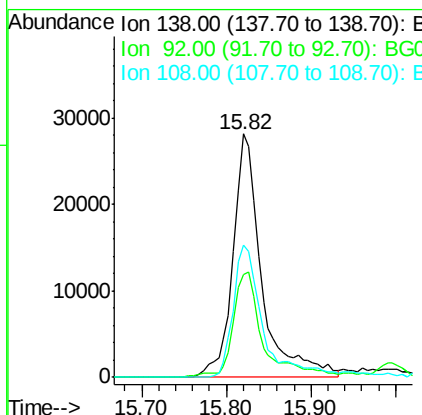
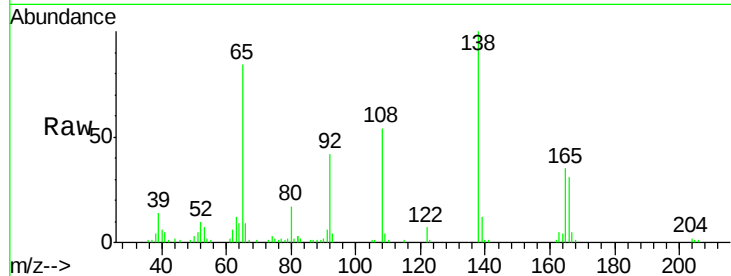
#61
4-Nitroaniline
Concen: 38.65 ng
RT: 15.82 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Instrument :
BNA_G
ClientSampleId :
PB91112BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.3	37.7	77.7
108	54.1	59.4	99.4

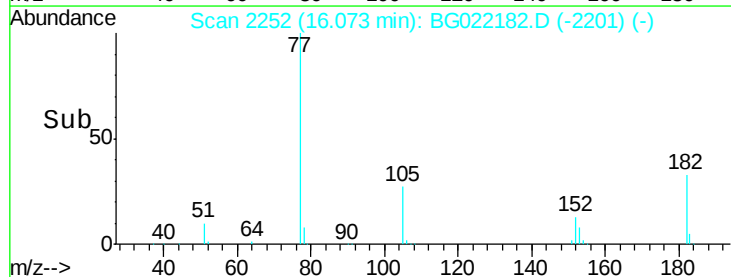
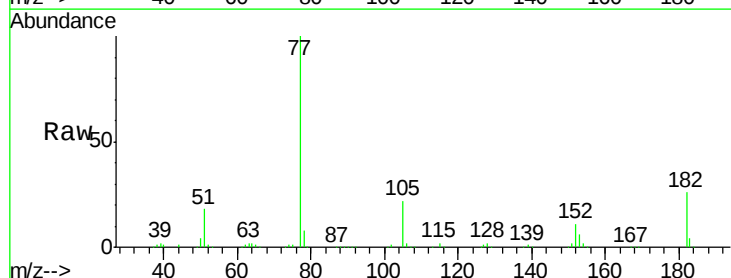
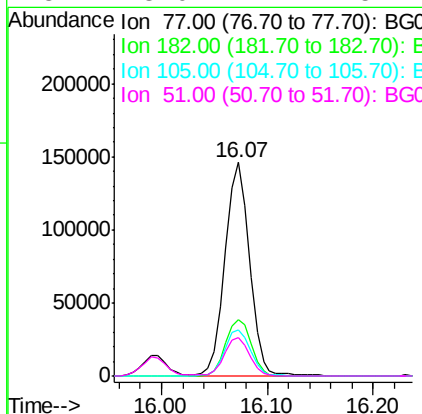
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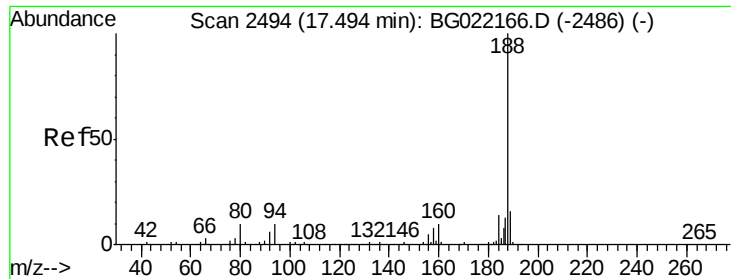
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#62
Azobenzene
Concen: 43.30 ng
RT: 16.07 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.3	4.1	44.1
105	21.8	0.0	39.8
51	18.0	11.1	51.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2493

Delta R.T. -0.01 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

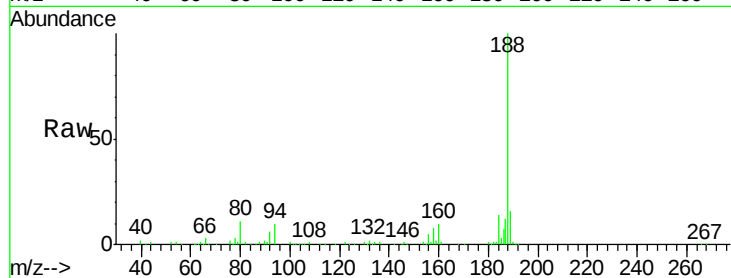
ClientSampleId :

PB91112BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	189704		
94	9.8	7.5	11.3	
80	11.5	8.6	13.0	

Manual Integrations
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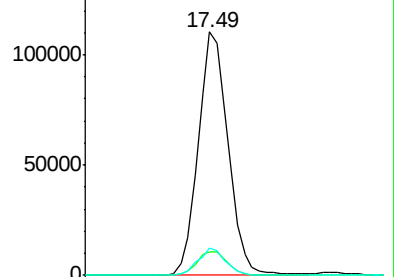
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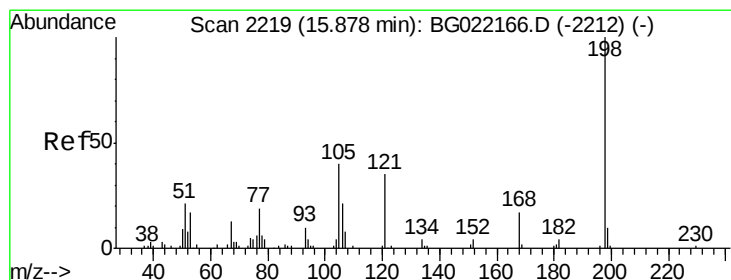
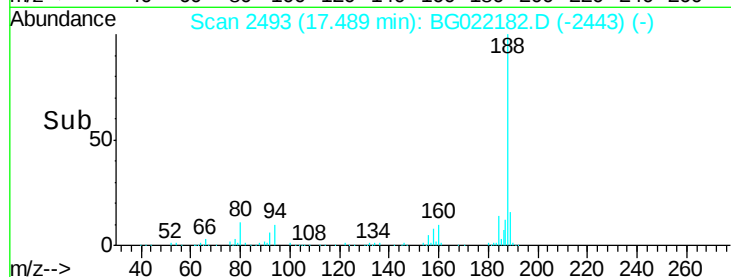
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 41.08 ng

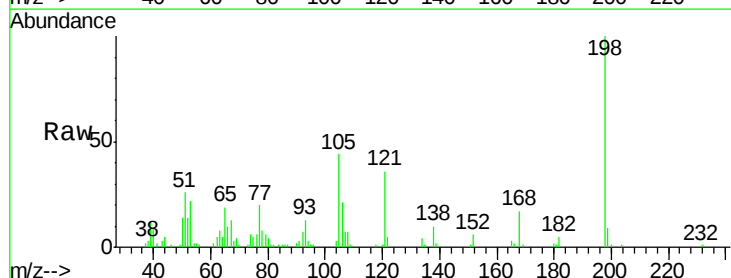
RT: 15.88 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

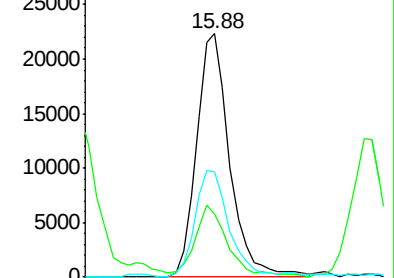
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	38659		
51	26.1	29.2	69.2#	
105	43.5	24.0	64.0	



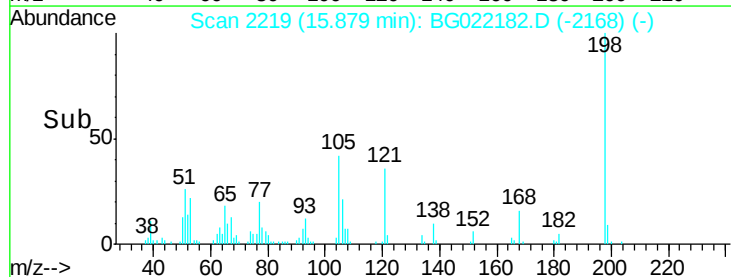
Abundance Ion 198.00 (197.70 to 198.70): E

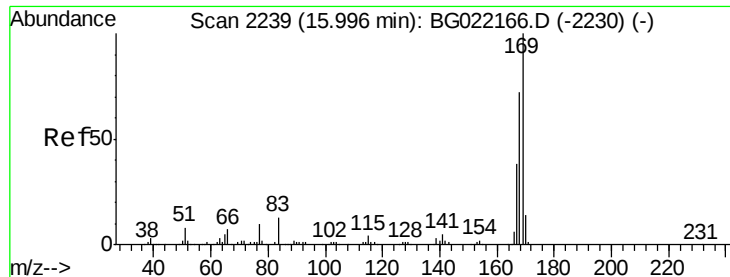
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time-->





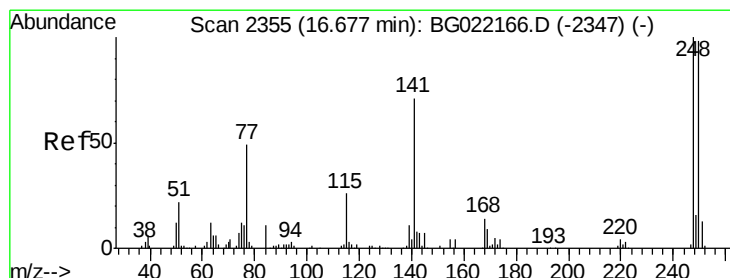
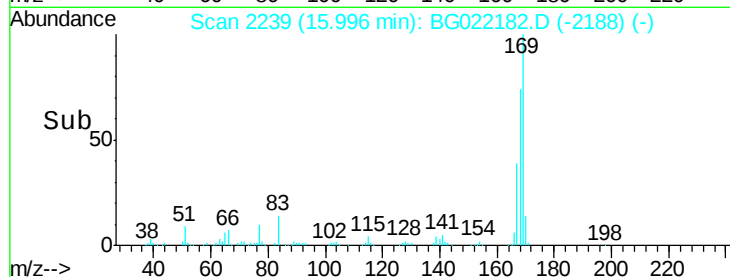
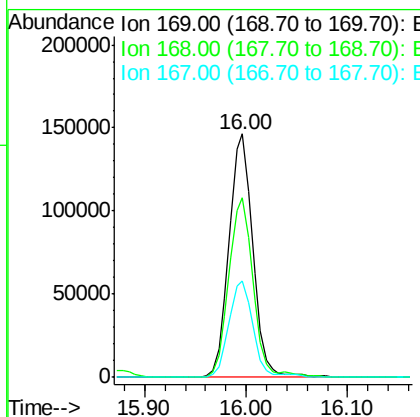
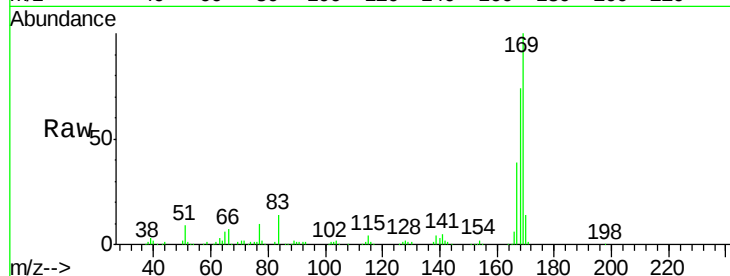
#65
n-Nitrosodiphenylamine
Concen: 43.72 ng
RT: 16.00 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Instrument :
BNA_G
ClientSampleId :
PB91112BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	238941		
168	73.7	59.6	89.4	
167	39.3	31.2	46.8	

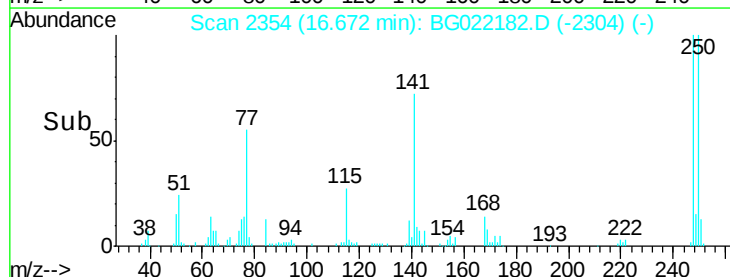
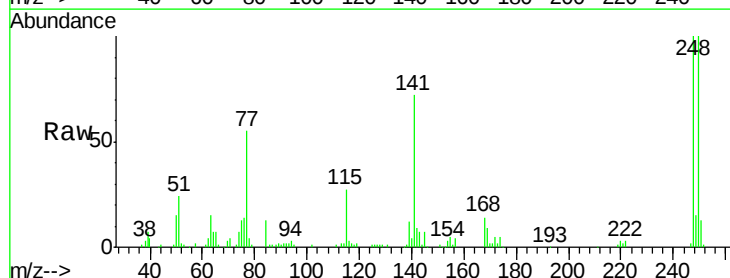
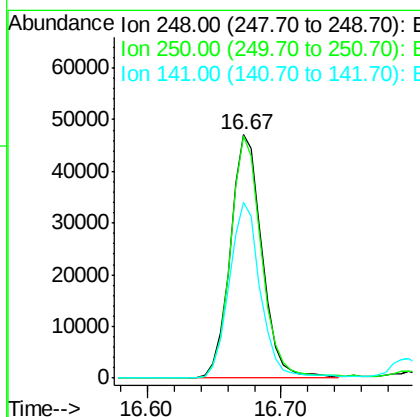
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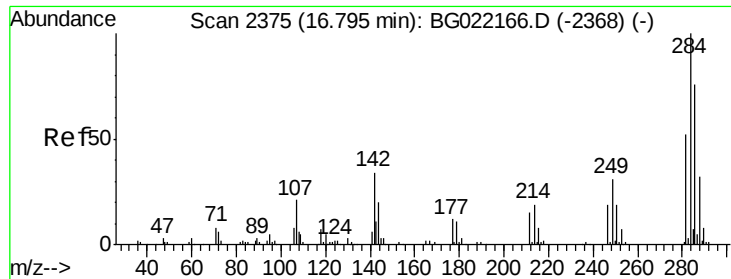
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#66
4-Bromophenyl-phenylether
Concen: 43.56 ng
RT: 16.67 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	77422		
250	99.5	76.6	114.8	
141	72.2	63.8	95.6	





#67

Hexachlorobenzene

Concen: 42.27 ng

RT: 16.80 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BG022182.D

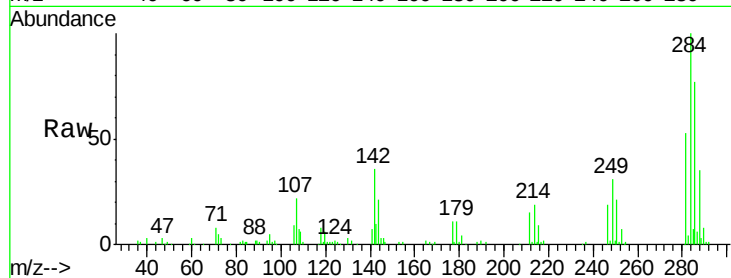
Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

ClientSampleId :

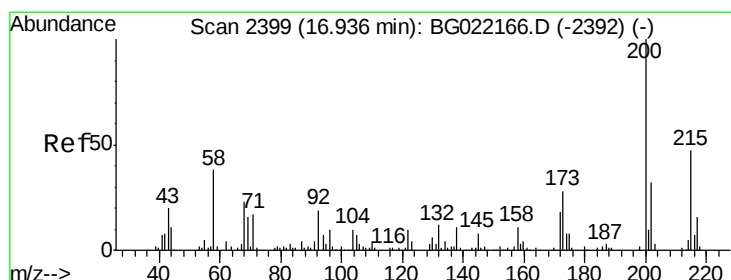
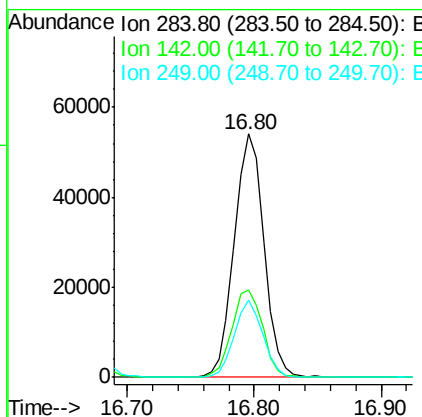
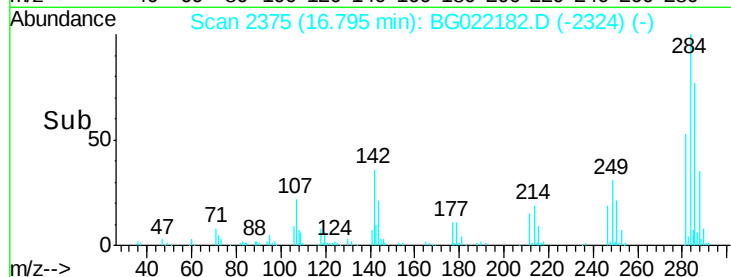
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Tgt Ion:	284	Resp:	87574
Ion Ratio	Lower	Upper	
284	100		
142	35.8	31.8	47.6
249	33.8	27.3	40.9

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#68

Atrazine

Concen: 41.80 ng

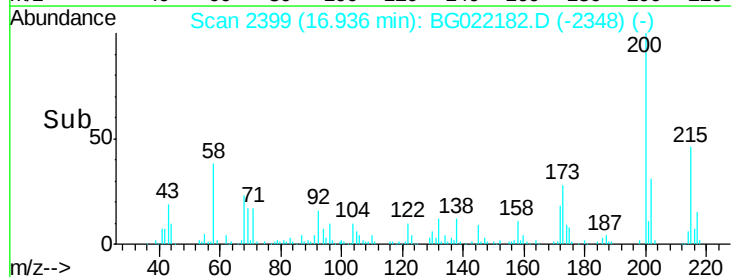
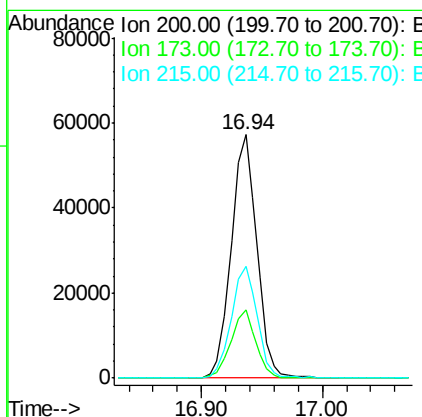
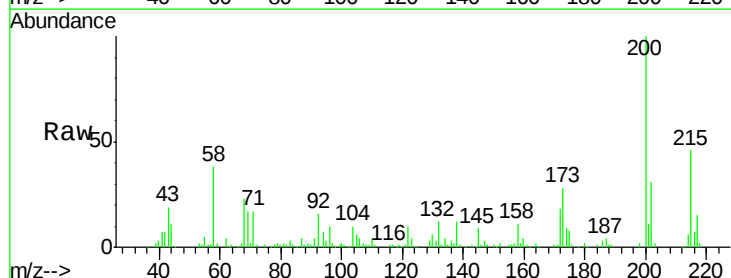
RT: 16.94 min Scan# 2399

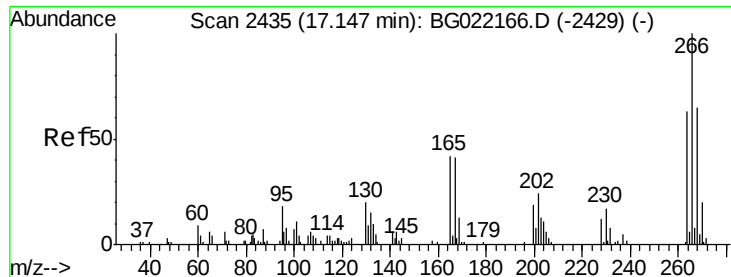
Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Tgt Ion:	200	Resp:	84554
Ion Ratio	Lower	Upper	
200	100		
173	27.8	5.1	45.1
215	45.9	28.0	68.0





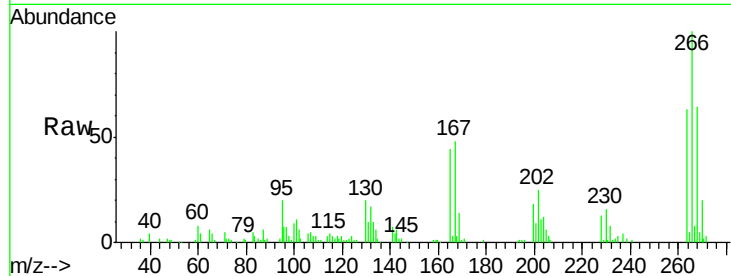
#69
 Pentachlorophenol
 Concen: 86.25 ng
 RT: 17.14 min Scan# 2434
 Delta R.T. -0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

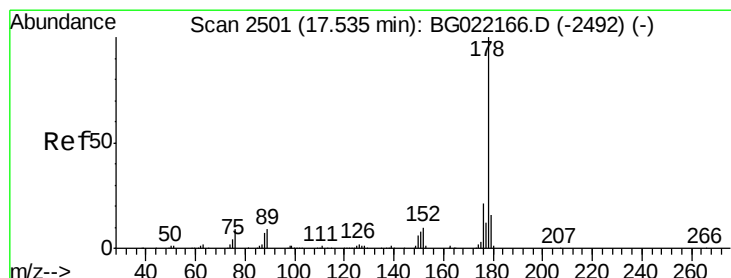
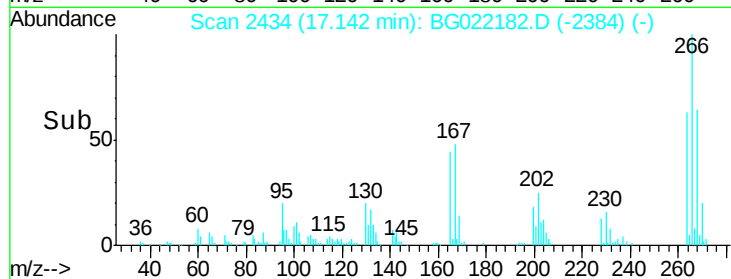
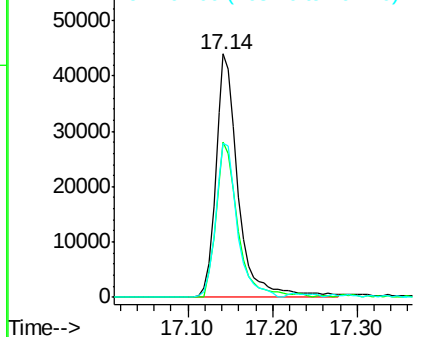
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	81552		
268	68.3	54.5	81.7	
264	68.4	53.8	80.6	

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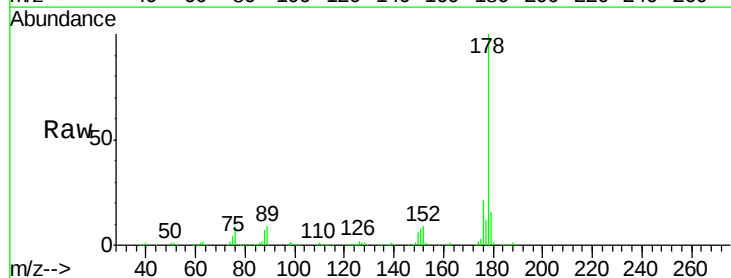


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

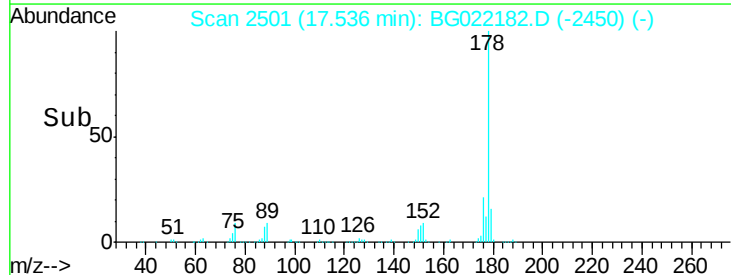
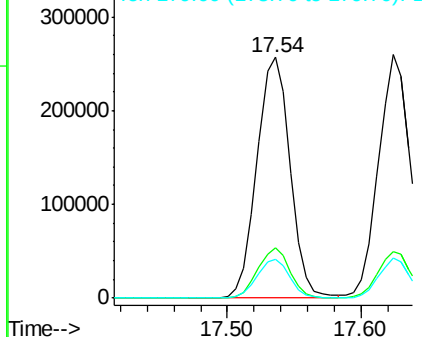


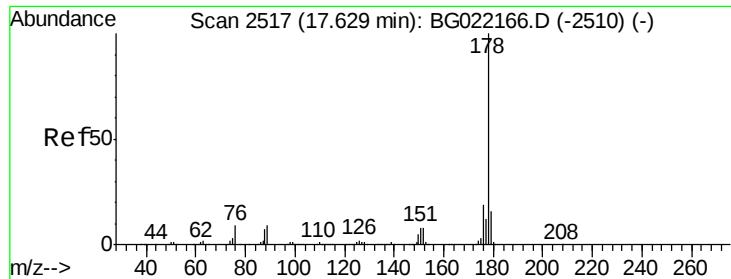
#70
 Phenanthrene
 Concen: 42.78 ng
 RT: 17.54 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	440755		
176	20.9	16.2	24.4	
179	16.2	12.0	18.0	



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





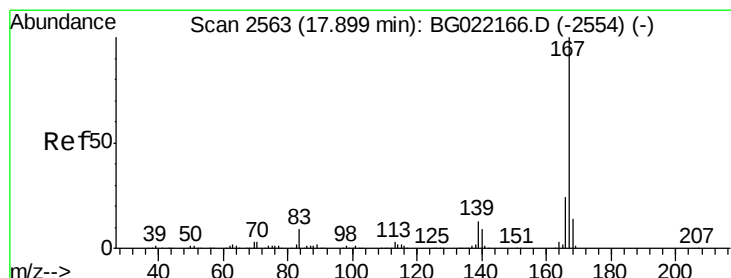
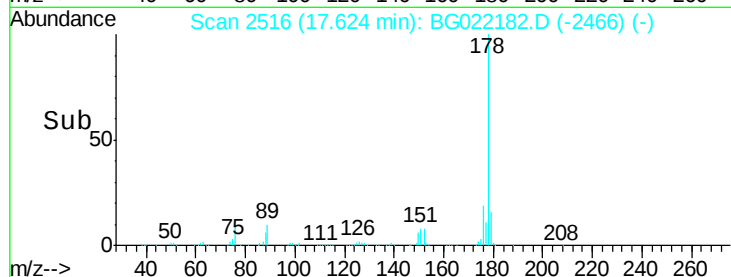
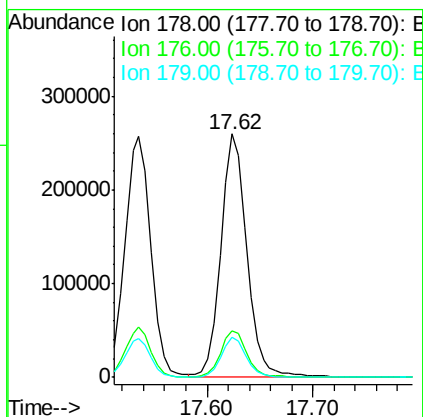
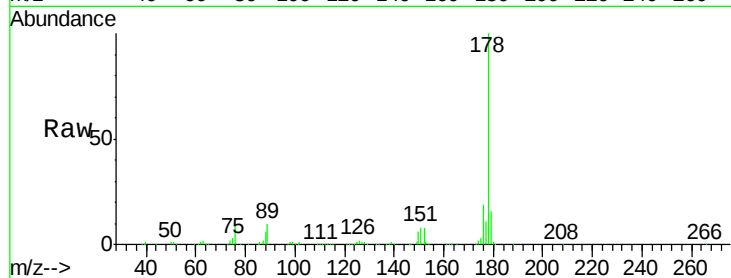
#71
 Anthracene
 Concen: 42.98 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	16.5	12.2	18.4

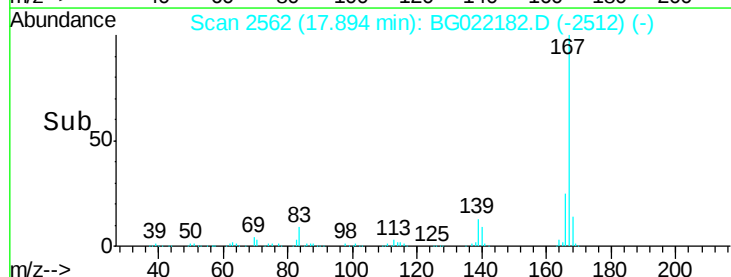
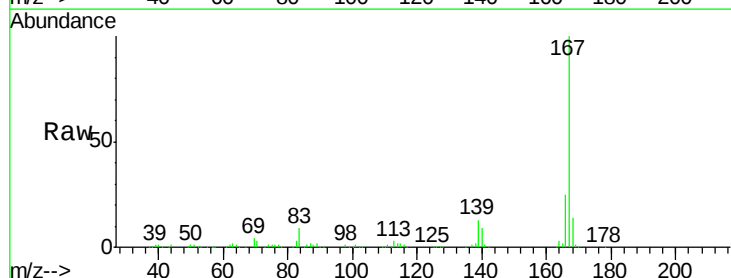
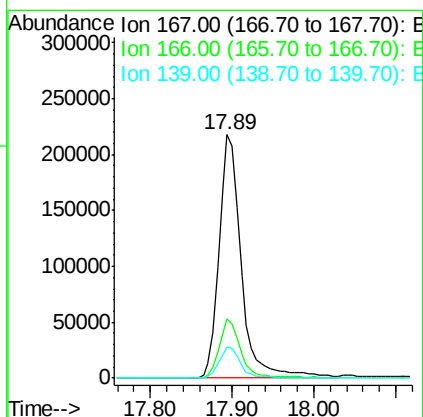
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#72
 Carbazole
 Concen: 42.87 ng
 RT: 17.89 min Scan# 2562
 Delta R.T. -0.01 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.6	18.6	27.8
139	12.9	10.6	15.8





#73

Di-n-butylphthalate

Concen: 43.49 ng

RT: 18.43 min Scan# 2653

Delta R.T. -0.01 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

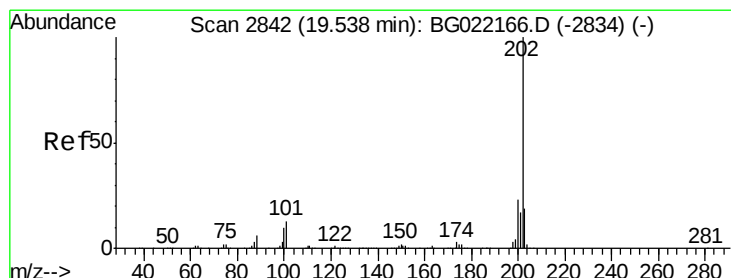
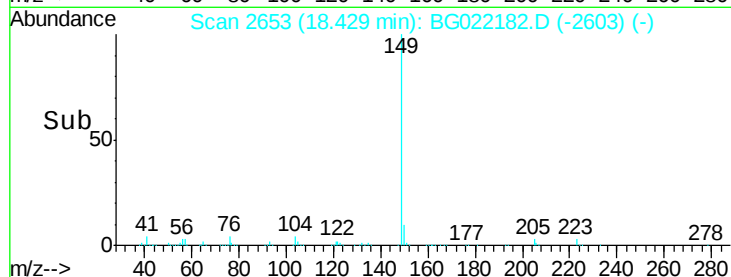
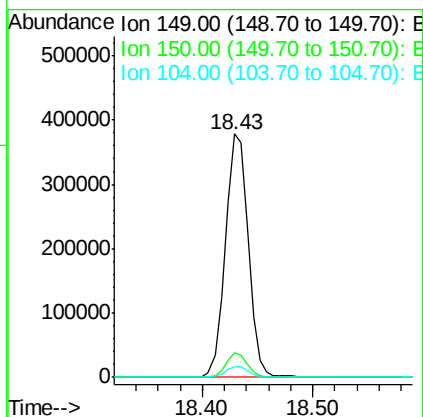
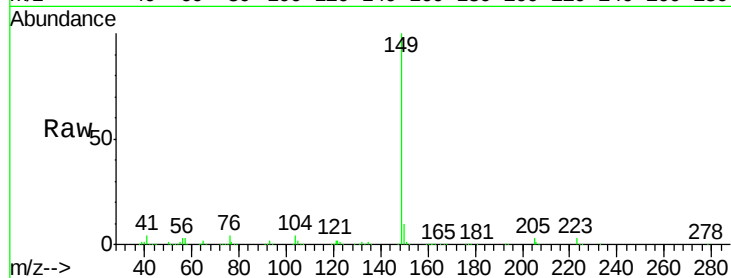
ClientSampleId :

PB91112BS

Tgt Ion:	149	Resp:	550263
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.4	11.0
104	4.3	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 43.17 ng

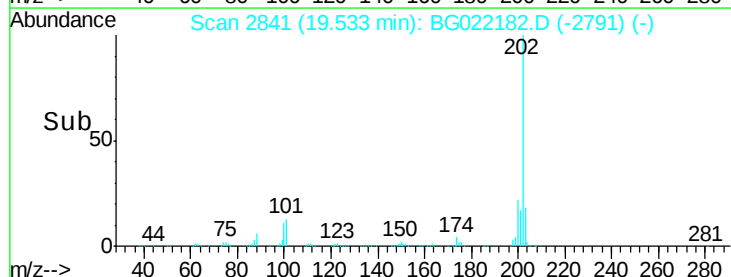
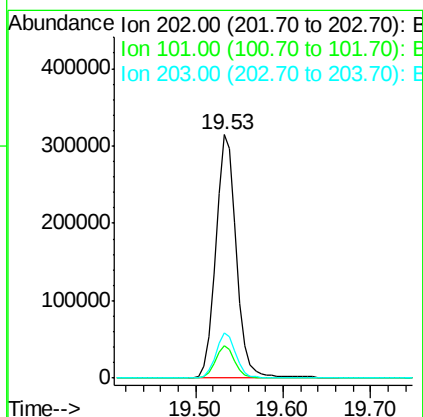
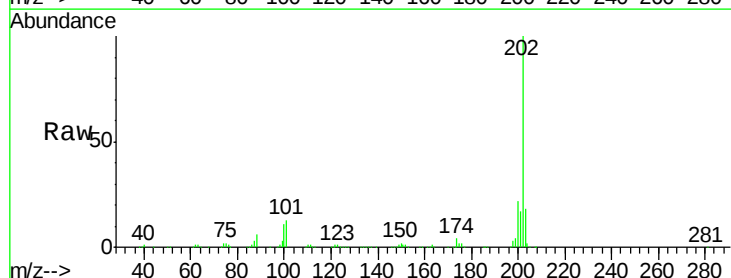
RT: 19.53 min Scan# 2841

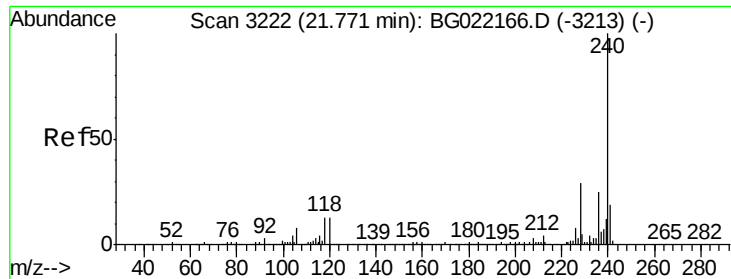
Delta R.T. -0.01 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Tgt Ion:	202	Resp:	511320
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	31.0
203	18.3	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

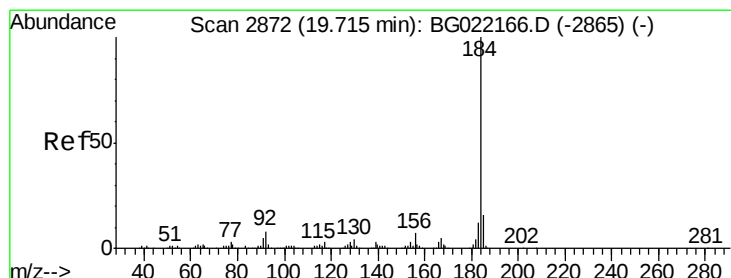
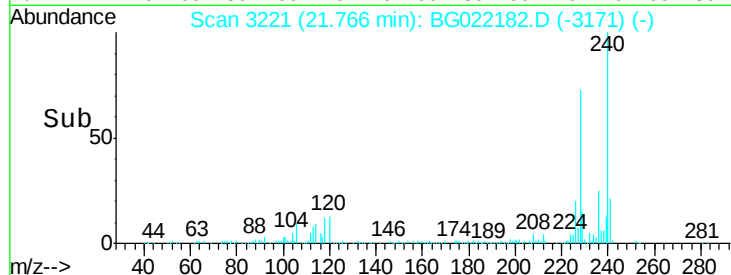
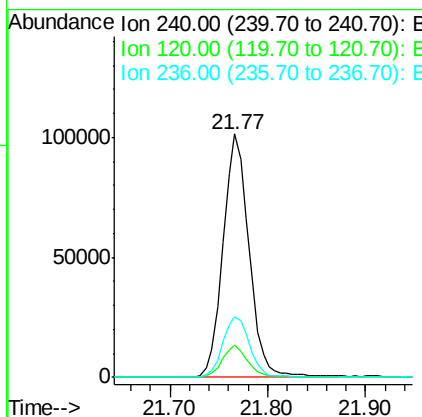
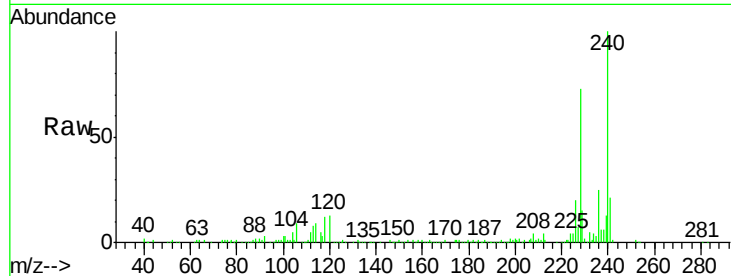
ClientSampleId :

PB91112BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	13.5	8.4	12.6#
236	25.0	19.6	29.4

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#76

Benzidine

Concen: 23.76 ng

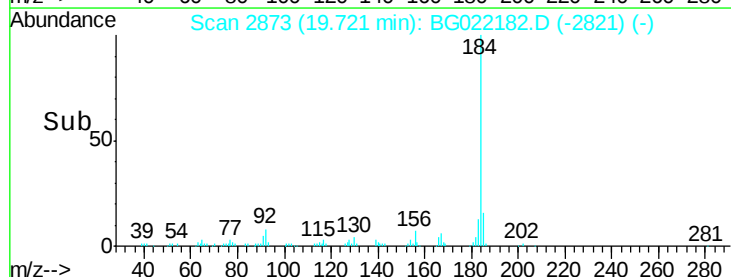
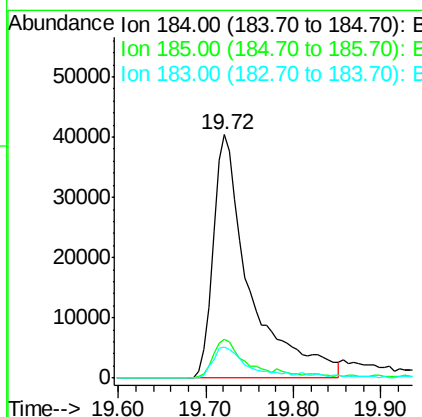
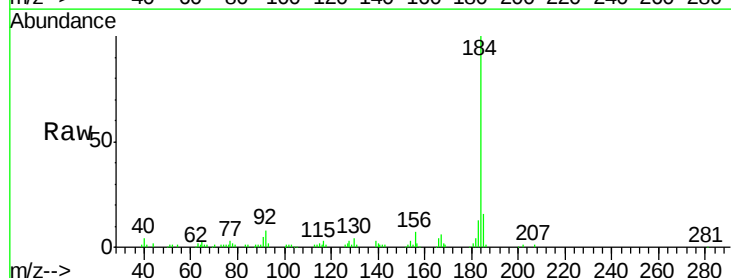
RT: 19.72 min Scan# 2873

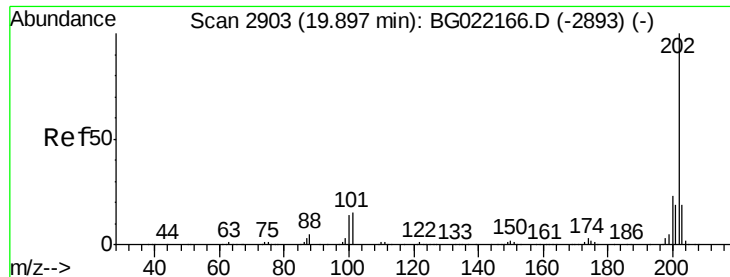
Delta R.T. 0.01 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	16.0	11.5	17.3
183	12.9	10.2	15.4





#77

Pyrene

Concen: 43.83 ng

RT: 19.90 min Scan# 2903

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

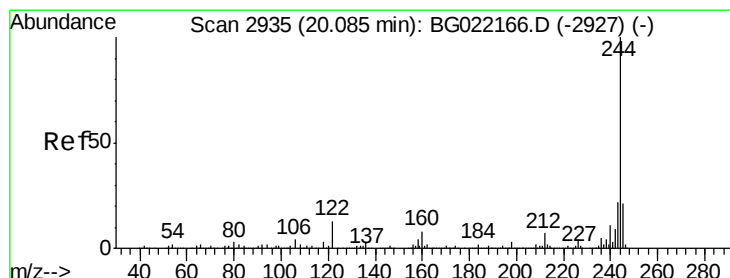
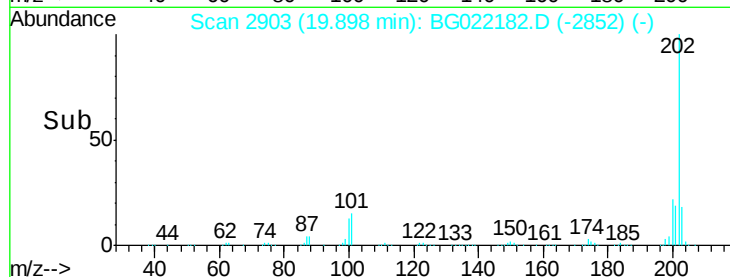
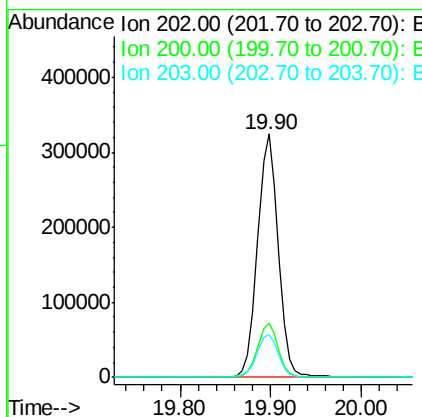
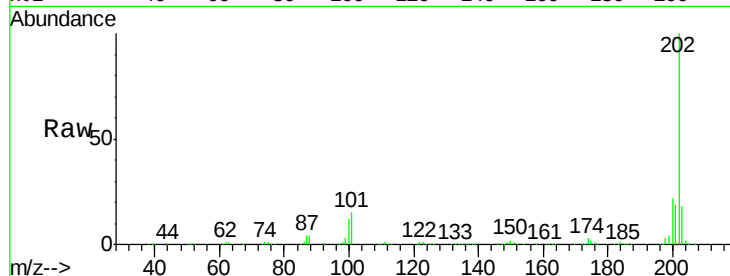
ClientSampleId :

PB91112BS

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		512595		
200	22.3	18.2	27.2		
203	17.7	15.0	22.4		

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#78

Terphenyl-d14

Concen: 84.85 ng

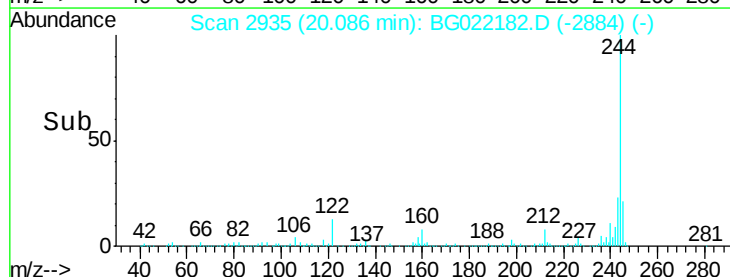
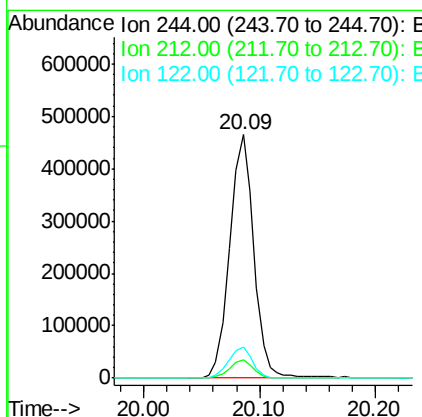
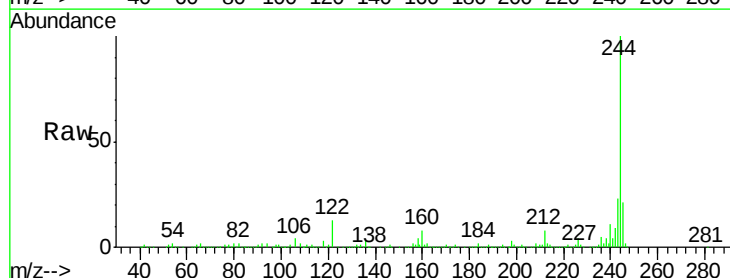
RT: 20.09 min Scan# 2935

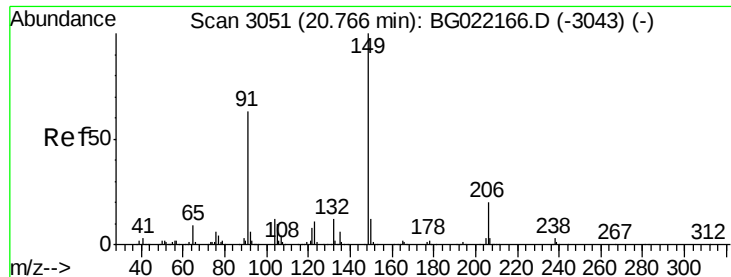
Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Tgt	Ion	Ratio	Resp	Lower	Upper
244	100		672291		
212	7.6	6.5	9.7		
122	12.8	8.6	12.8		





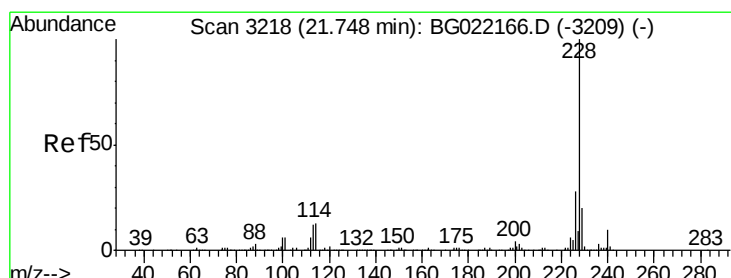
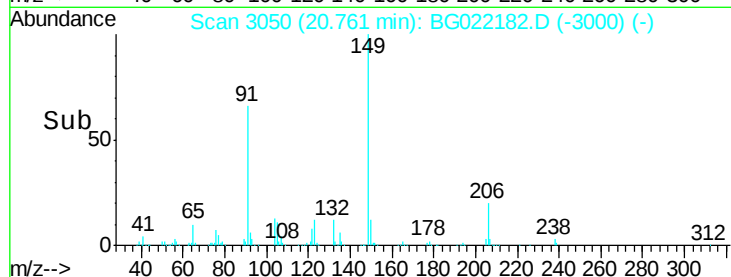
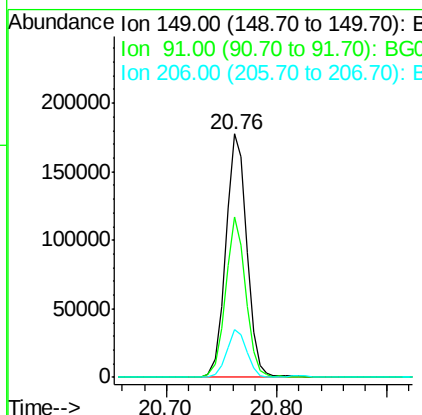
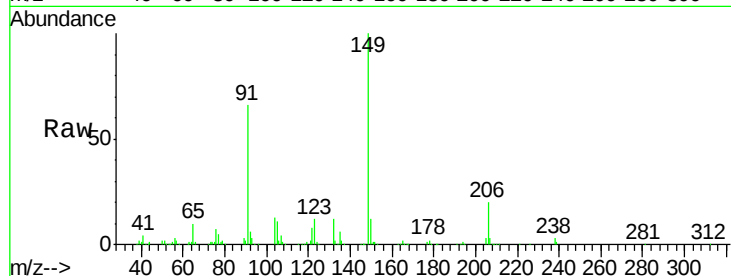
#79
Butylbenzylphthalate
Concen: 43.73 ng
RT: 20.76 min Scan# 3050
Delta R.T. -0.01 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Instrument :
BNA_G
ClientSampleId :
PB91112BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	237162		
91	65.7	57.8	86.8	
206	19.7	17.0	25.4	

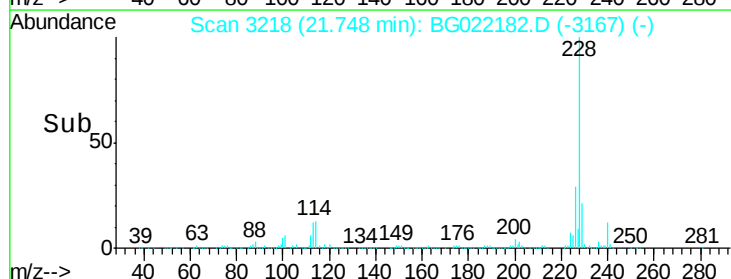
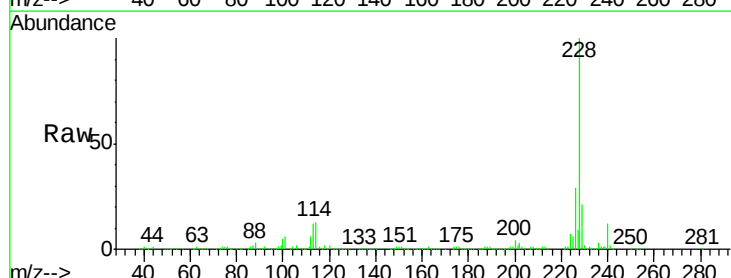
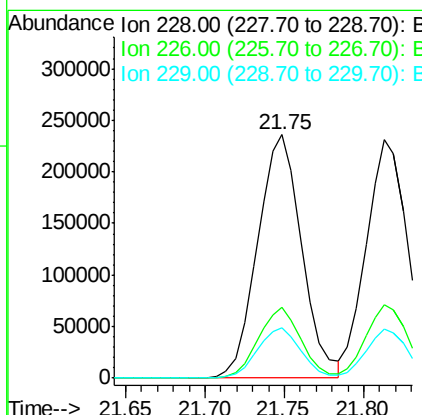
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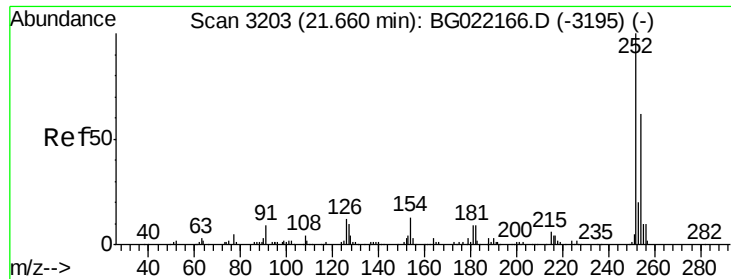
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#80
Benzo(a)anthracene
Concen: 43.15 ng
RT: 21.75 min Scan# 3218
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	455106		
226	29.1	22.6	34.0	
229	20.9	16.1	24.1	





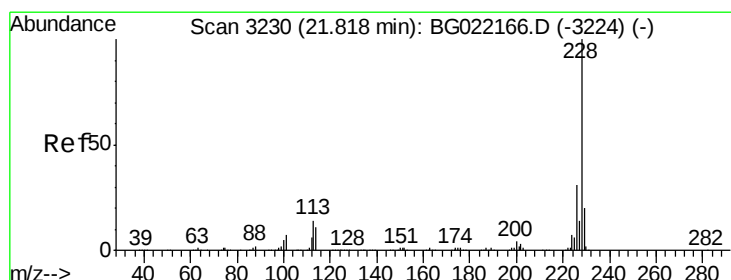
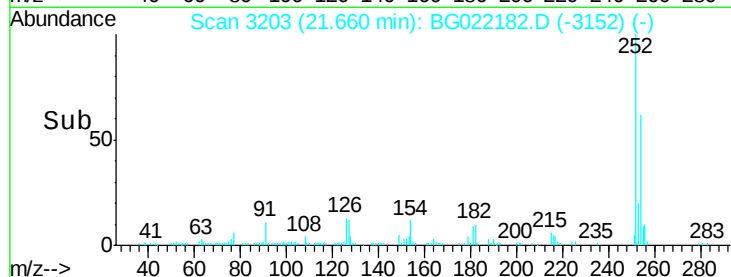
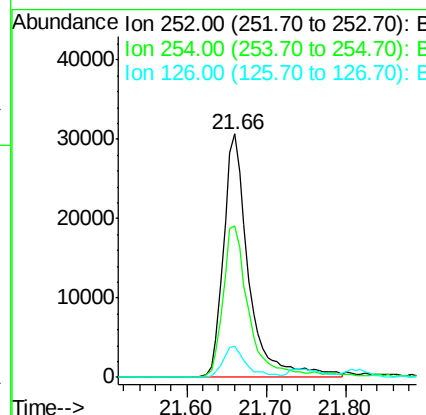
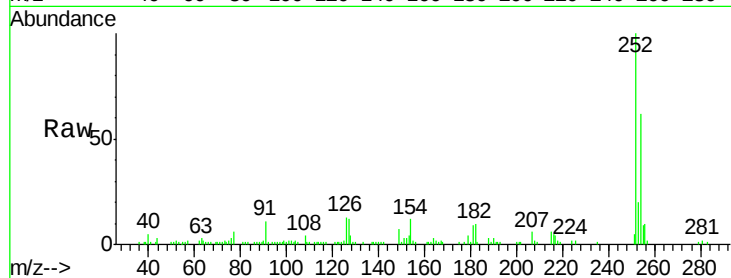
#81
 3,3'-Dichlorobenzidine
 Concen: 22.76 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. 0.00 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.1	51.8	77.6
126	12.6	8.8	13.2

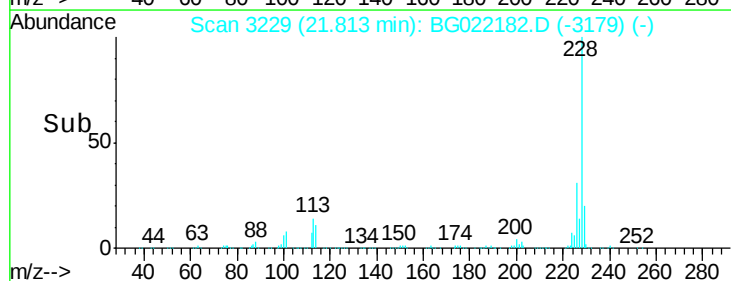
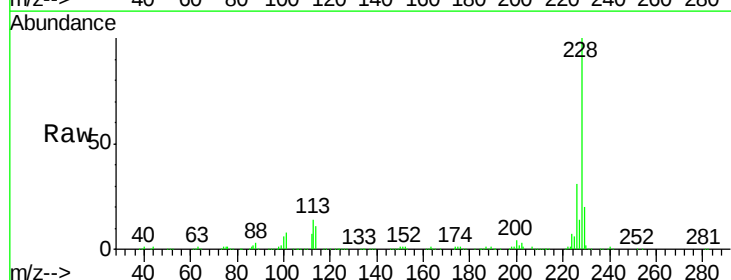
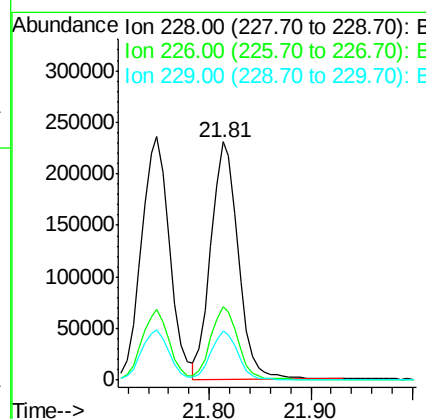
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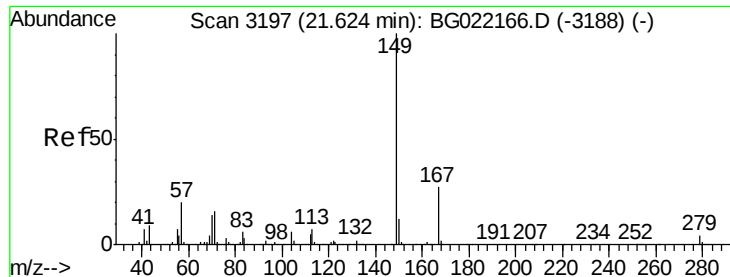
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#82
 Chrysene
 Concen: 41.91 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.01 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.0
229	20.4	15.9	23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.86 ng

RT: 21.63 min Scan# 3197

Delta R.T. 0.00 min

Lab File: BG022182.D

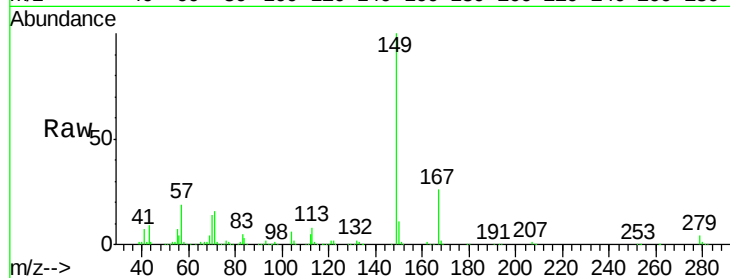
Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

ClientSampleId :

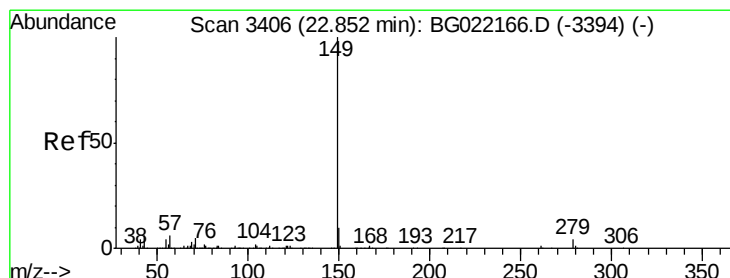
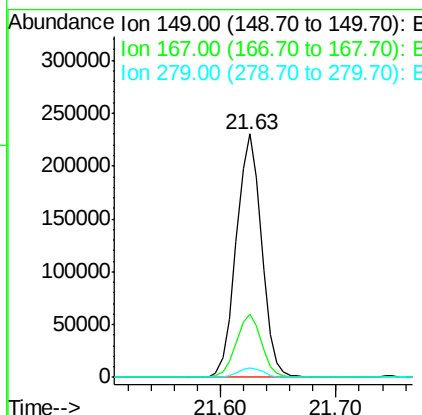
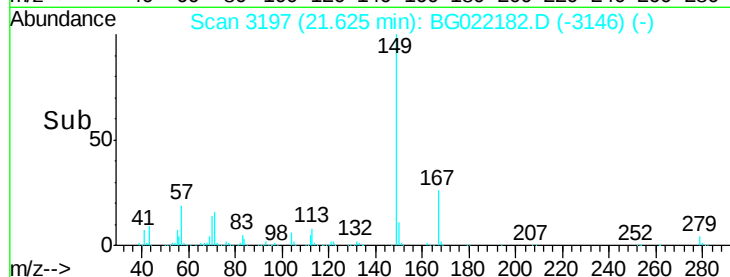
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Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	22.4	33.6
279	3.9	3.2	4.8

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#84

Di-n-octyl phthalate

Concen: 44.70 ng

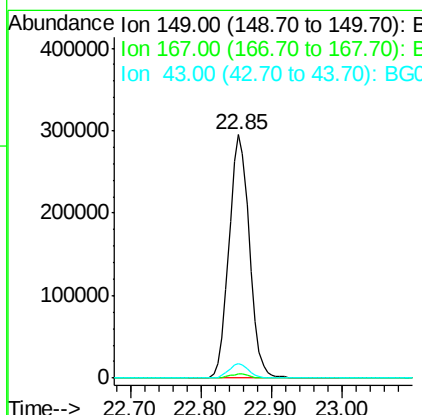
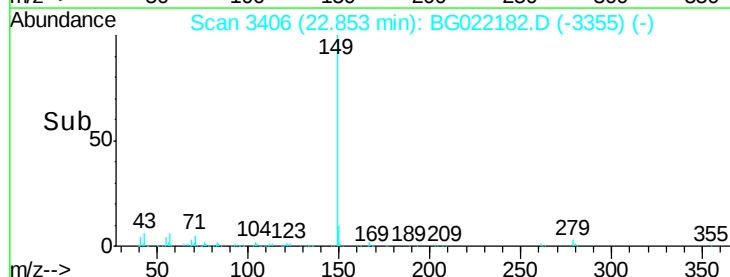
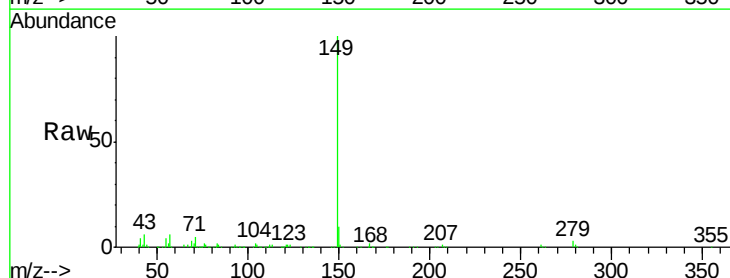
RT: 22.85 min Scan# 3406

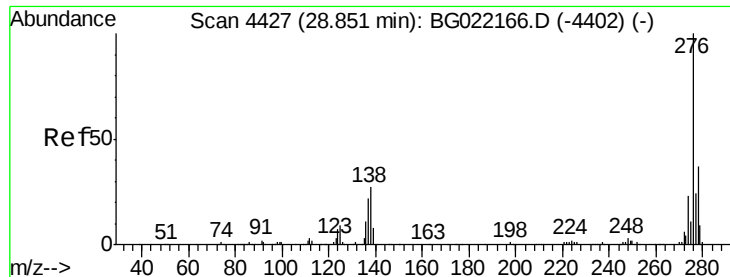
Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	5.8	9.8	14.6#





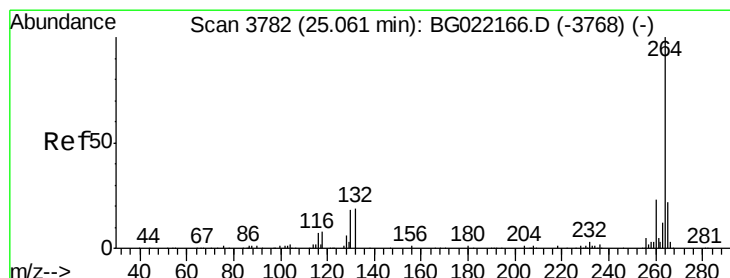
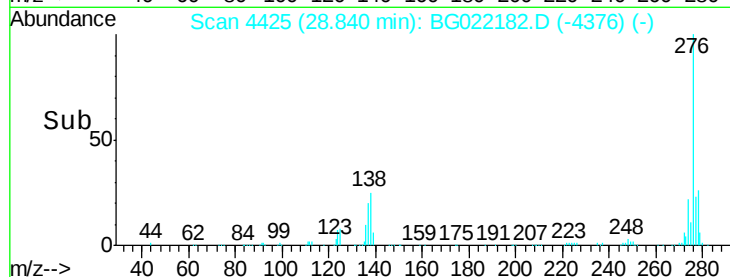
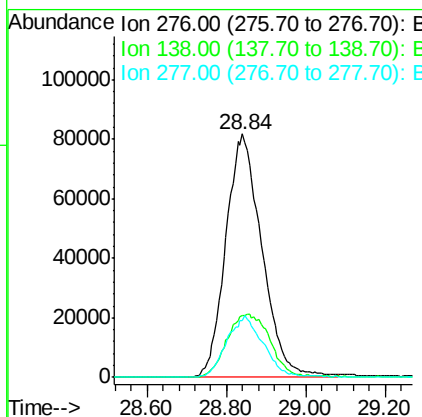
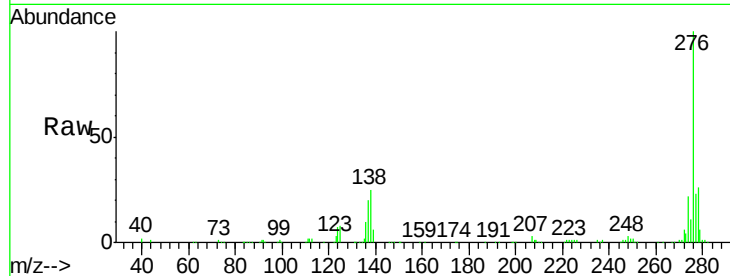
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.97 ng
 RT: 28.84 min Scan# 4425
 Delta R.T. -0.01 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	517829		
138	30.7	14.0	21.0#	
277	25.7	20.6	30.8	

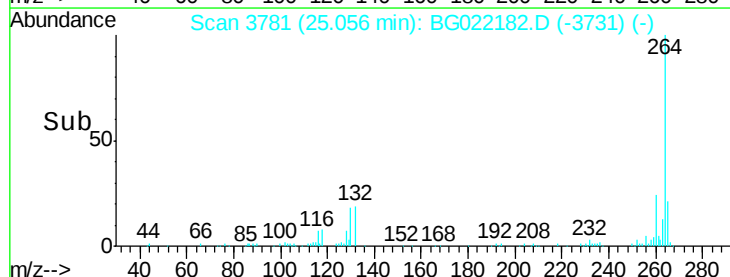
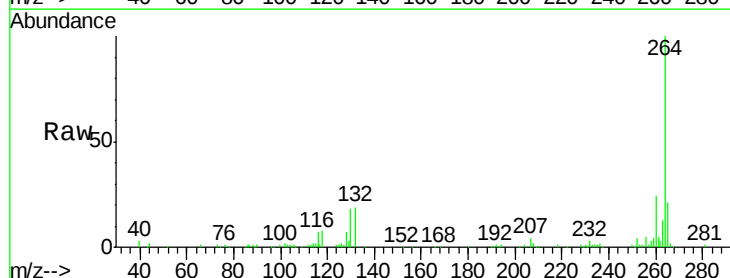
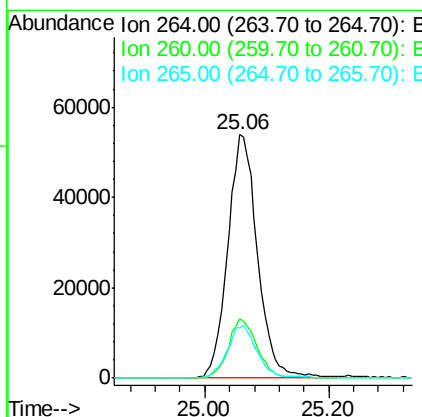
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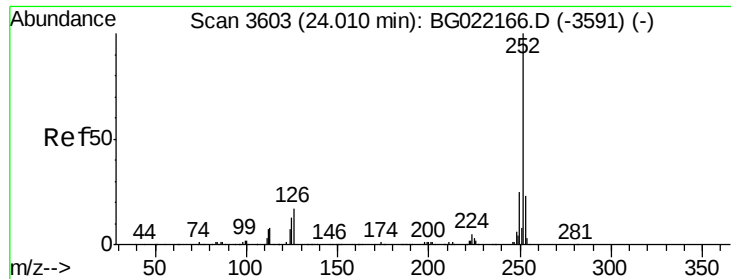
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3781
 Delta R.T. -0.01 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	180309		
260	24.4	20.2	30.4	
265	20.8	17.8	26.8	





#87

Benzo(b)fluoranthene

Concen: 43.38 ng

RT: 24.01 min Scan# 3603

Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Instrument :

BNA_G

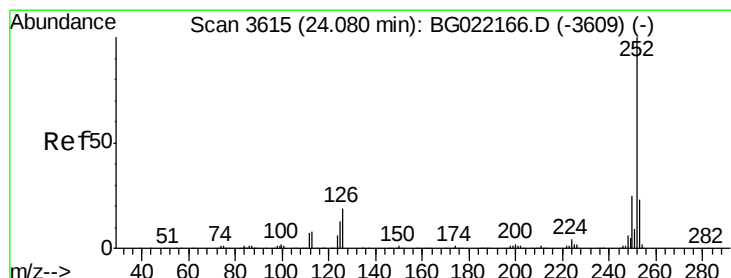
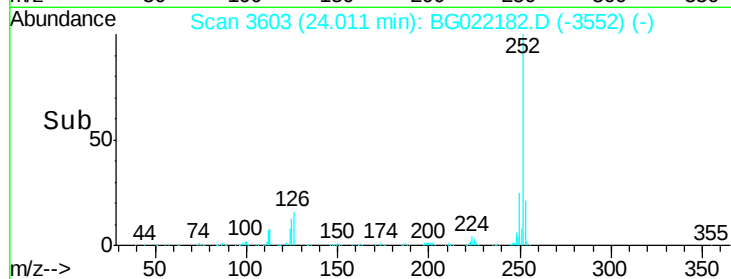
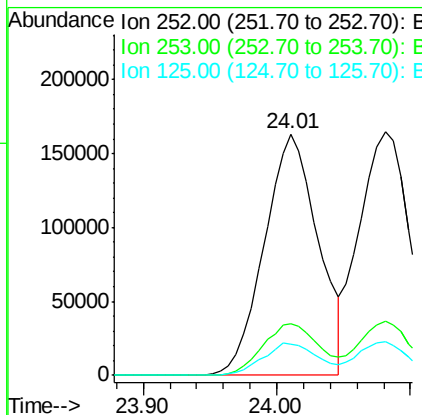
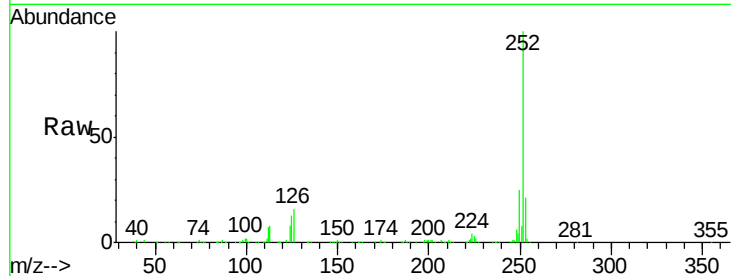
ClientSampleId :

PB91112BS

Tgt Ion:	252	Resp:	456198
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.5	26.3
125	12.8	8.6	13.0

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#88

Benzo(k)fluoranthene

Concen: 43.34 ng

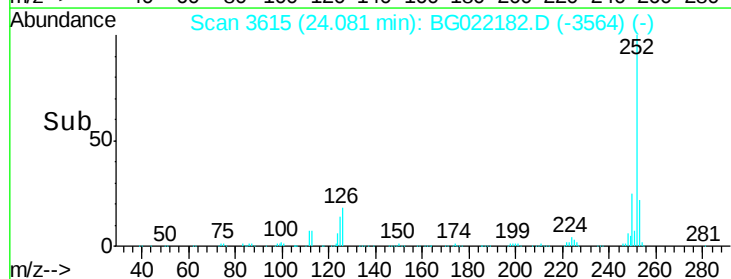
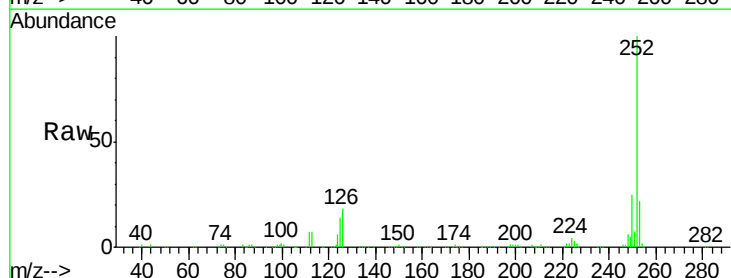
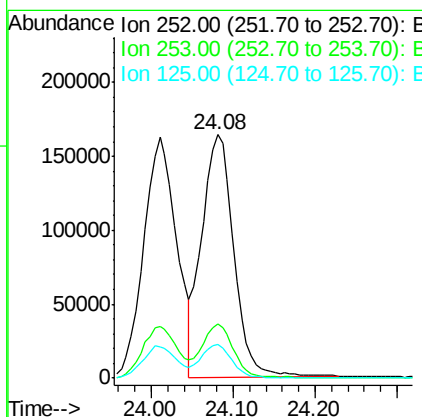
RT: 24.08 min Scan# 3615

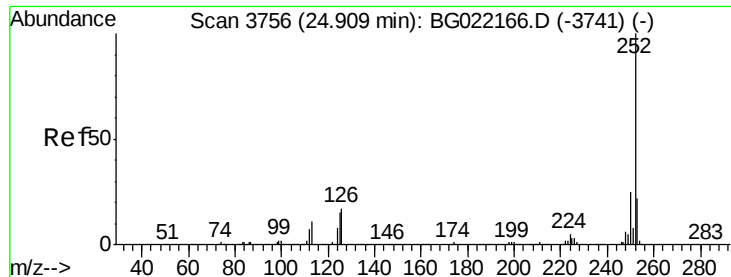
Delta R.T. 0.00 min

Lab File: BG022182.D

Acq: 6 Jun 2016 23:48

Tgt Ion:	252	Resp:	448683
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	14.0	8.3	12.5#





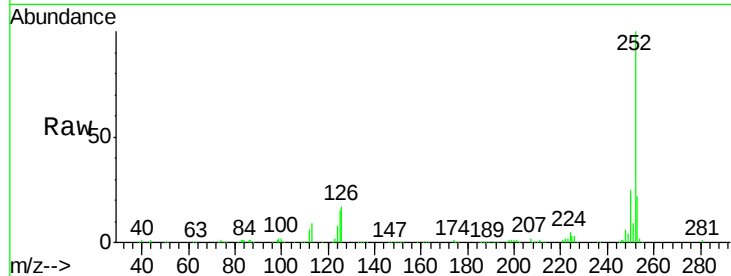
#89
Benzo(a)pyrene
Concen: 43.80 ng
RT: 24.91 min Scan# 3756
Delta R.T. 0.00 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Instrument :
BNA_G
ClientSampleId :
PB91112BS

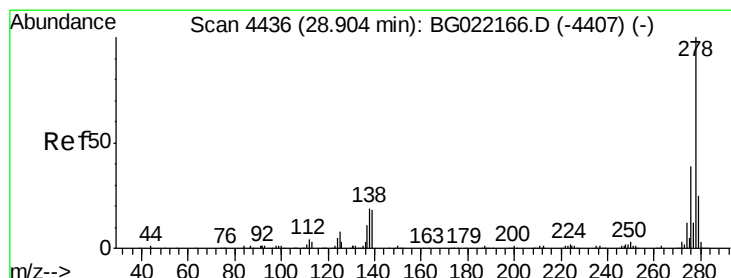
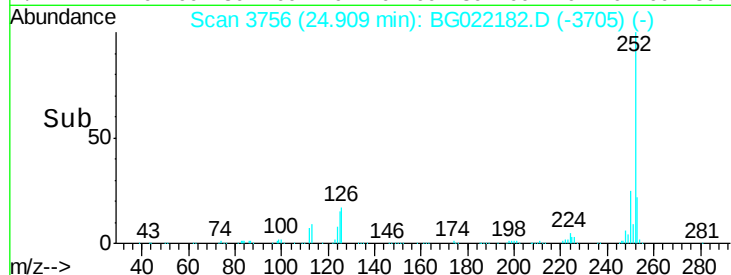
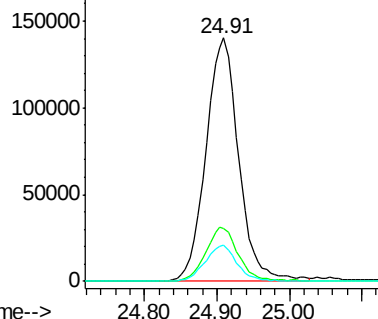
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	15.0	9.6	14.4

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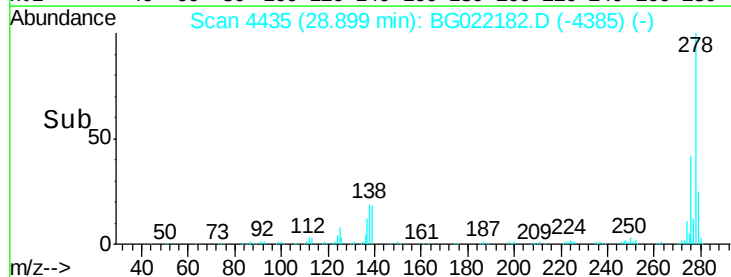
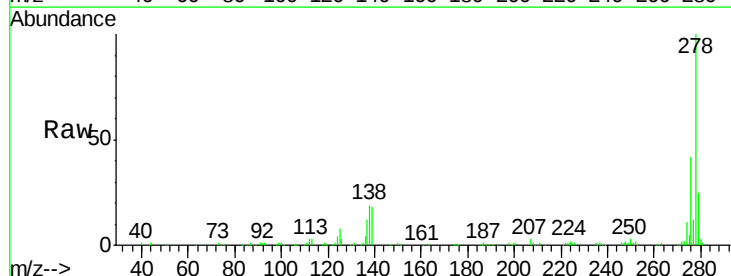
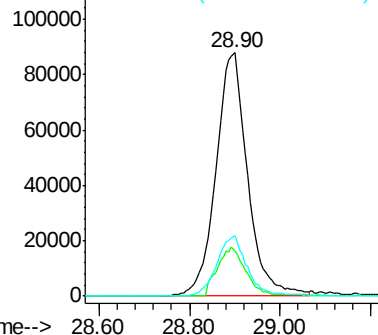
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

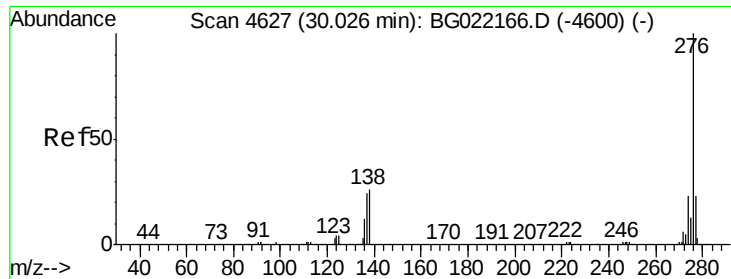


#90
Dibenzo(a,h)anthracene
Concen: 44.79 ng
RT: 28.90 min Scan# 4435
Delta R.T. -0.01 min
Lab File: BG022182.D
Acq: 6 Jun 2016 23:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	11.9	17.9
279	24.9	18.2	27.2

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 43.86 ng
 RT: 30.02 min Scan# 4625
 Delta R.T. -0.01 min
 Lab File: BG022182.D
 Acq: 6 Jun 2016 23:48

Instrument :
 BNA_G
 ClientSampleId :
 PB91112BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	25.1	19.4	29.2
138	27.5	17.4	26.0

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