

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022307.D
 Acq On : 11 Jun 2016 4:36
 Operator : UM/SJ
 Sample : H3448-21MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

Manual Integrations
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Quant Time: Jun 12 03:02:27 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	8.10	152	29454	20.00	ng	-0.02
21) Naphthalene-d8	10.92	136	150986	20.00	ng	-0.01
38) Acenaphthene-d10	14.74	164	85430	20.00	ng	-0.01
63) Phenanthrene-d10	17.48	188	181008	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	155715	20.00	ng	-0.01
86) Perylene-d12	25.05	264	146611	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	252459	165.72	ng	-0.01
7) Phenol-d6	7.27	99	372036	155.33	ng	0.00
23) Nitrobenzene-d5	9.28	82	206855	95.51	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	113480	117.56	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	469769	83.80	ng	0.00
78) Terphenyl-d14	20.08	244	583275	88.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	24745	33.88	ng	# 77
3) Pyridine	3.91	79	14462	7.33	ng	# 84
4) n-Nitrosodimethylamine	3.83	42	22676	51.38	ng	92
6) Aniline	7.43	93	78248	25.71	ng	# 82
8) 2-Chlorophenol	7.67	128	121285	57.60	ng	# 82
9) Benzaldehyde	7.25	77	5410	4.10	ng	# 81
10) Phenol	7.30	94	151755	61.45	ng	82
11) bis(2-Chloroethyl)ether	7.52	93	104531	53.09	ng	# 75
12) 1,3-Dichlorobenzene	7.99	146	110567	48.99	ng	# 94
13) 1,4-Dichlorobenzene	8.14	146	112978	50.24	ng	92
14) 1,2-Dichlorobenzene	8.46	146	112532	49.64	ng	98
15) Benzyl Alcohol	8.34	79	85640	55.34	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.63	45	117437	57.49	ng	86
17) 2-Methylphenol	8.56	107	103651	56.25	ng	# 85
18) Hexachloroethane	9.19	117	42496	51.75	ng	# 80
19) n-Nitroso-di-n-propylamine	8.91	70	84288	51.99	ng	# 71
20) 3+4-Methylphenols	8.88	107	142804	54.03	ng	96
22) Acetophenone	8.94	105	168595	51.82	ng	# 83
24) Nitrobenzene	9.32	77	121885	55.97	ng	# 85
25) Isophorone	9.84	82	248404	49.03	ng	97
26) 2-Nitrophenol	10.04	139	66698	56.48	ng	# 78
27) 2,4-Dimethylphenol	10.09	122	119024	55.68	ng	91
28) bis(2-Chloroethoxy)methane	10.32	93	152900	52.67	ng	94
29) 2,4-Dichlorophenol	10.58	162	111675	56.40	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	109904	49.67	ng	95
31) Naphthalene	10.98	128	377124	50.04	ng	# 94
32) Benzoic acid	10.23	122	30049	43.17	ng	# 88
33) 4-Chloroaniline	11.09	127	56199	17.93	ng	# 90
34) Hexachlorobutadiene	11.25	225	56874	47.88	ng	100
35) Caprolactam	11.86	113	33805m	31.12	ng	
36) 4-Chloro-3-methylphenol	12.21	107	123340	52.55	ng	# 85
37) 2-Methylnaphthalene	12.57	142	273579	49.17	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	112610	51.21	ng	# 97
40) Hexachlorocyclopentadiene	12.91	237	105172	92.92	ng	99

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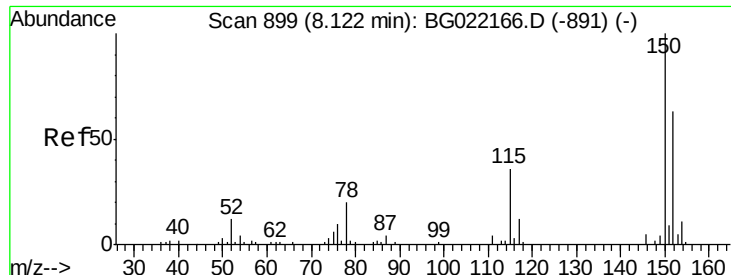
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	82400	55.85	ng	95
43) 2,4,5-Trichlorophenol	13.26	196	87456	53.66	ng	96
45) 1,1'-Biphenyl	13.57	154	344412	53.57	ng	93
46) 2-Chloronaphthalene	13.62	162	265717	53.91	ng	98
47) 2-Nitroaniline	13.83	65	68181	58.02	ng	# 63
48) Acenaphthylene	14.47	152	442555	51.18	ng	97
49) Dimethylphthalate	14.19	163	518355	73.18	ng	98
50) 2,6-Dinitrotoluene	14.31	165	77264	50.18	ng	# 84
51) Acenaphthene	14.80	154	264858	51.12	ng	97
52) 3-Nitroaniline	14.65	138	57563	33.70	ng	# 86
53) 2,4-Dinitrophenol	14.87	184	60894	94.54	ng	# 79
54) Dibenzofuran	15.14	168	404327	50.01	ng	100
55) 4-Nitrophenol	14.97	139	122755	104.14	ng	# 76
56) 2,4-Dinitrotoluene	15.11	165	107062	51.83	ng	# 84
57) Fluorene	15.78	166	343205	49.28	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.37	232	72871	49.85	ng	95
59) Diethylphthalate	15.54	149	352986	46.65	ng	99
60) 4-Chlorophenyl-phenylether	15.77	204	155020	49.15	ng	95
61) 4-Nitroaniline	15.82	138	80503	44.44	ng	84
62) Azobenzene	16.06	77	309642	54.04	ng	87
64) 4,6-Dinitro-2-methylphenol	15.87	198	51359	55.05	ng	85
65) n-Nitrosodiphenylamine	15.99	169	285269	54.71	ng	99
66) 4-Bromophenyl-phenylether	16.66	248	88818	52.37	ng	97
67) Hexachlorobenzene	16.79	284	96017	48.57	ng	99
68) Atrazine	16.93	200	91528	47.42	ng	96
69) Pentachlorophenol	17.14	266	90956	99.67	ng	98
70) Phenanthrene	17.53	178	500383	50.90	ng	98
71) Anthracene	17.62	178	492132	50.47	ng	96
72) Carbazole	17.89	167	468832	50.77	ng	98
73) Di-n-butylphthalate	18.42	149	611956	50.69	ng	99
74) Fluoranthene	19.53	202	539581	47.74	ng	96
76) Benzidine	19.71	184	49484	12.15	ng	98
77) Pyrene	19.89	202	536783	55.45	ng	99
79) Butylbenzylphthalate	20.75	149	262267	58.42	ng	94
80) Benzo(a)anthracene	21.74	228	460756	52.77	ng	98
81) 3,3'-Dichlorobenzidine	21.65	252	73550	30.00	ng	# 97
82) Chrysene	21.80	228	433214	50.99	ng	100
83) Bis(2-ethylhexyl)phthalate	21.61	149	380355	57.61	ng	97
84) Di-n-octyl phthalate	22.84	149	641682	58.54	ng	# 87
85) Indeno(1,2,3-cd)pyrene	28.82	276	480610	50.42	ng	# 85
87) Benzo(b)fluoranthene	24.00	252	436735	51.08	ng	# 96
88) Benzo(k)fluoranthene	24.07	252	418622	49.73	ng	# 97
89) Benzo(a)pyrene	24.90	252	422195	51.64	ng	# 93
90) Dibenzo(a,h)anthracene	28.87	278	393042	51.05	ng	# 91
91) Benzo(g,h,i)perylene	30.01	276	390207	48.71	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

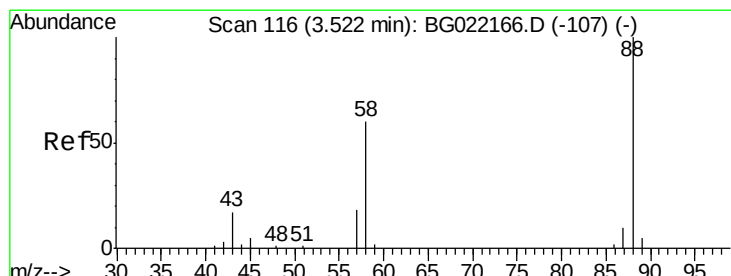
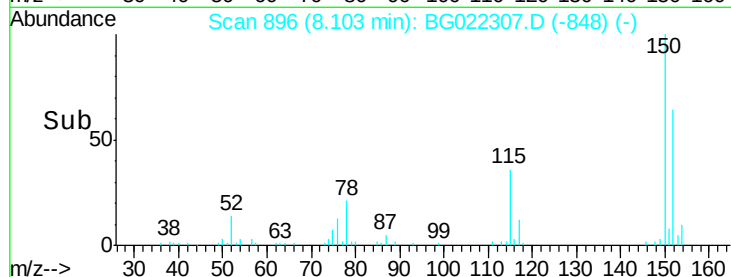
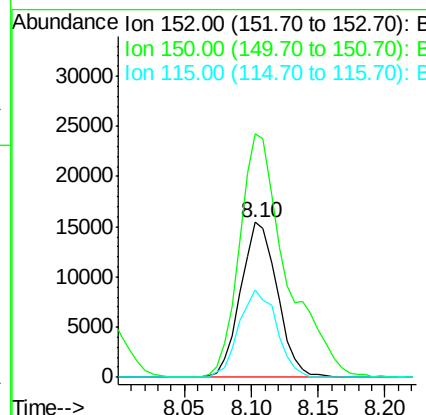
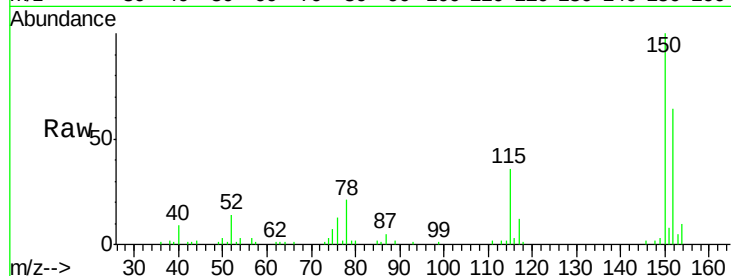
ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.9	130.1	195.1
115	56.1	62.2	93.2

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#2

1,4-Dioxane

Concen: 33.88 ng

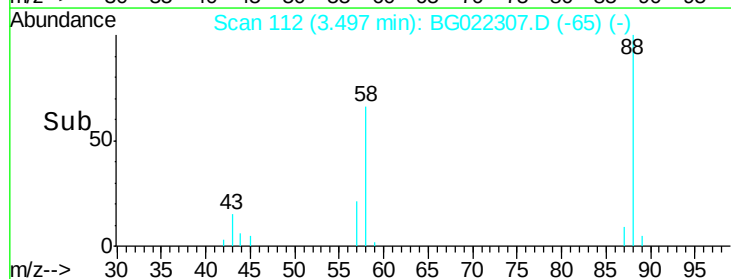
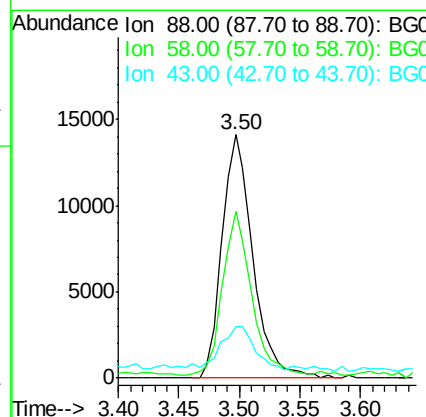
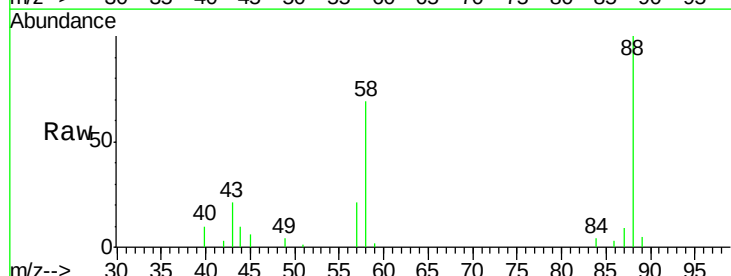
RT: 3.50 min Scan# 112

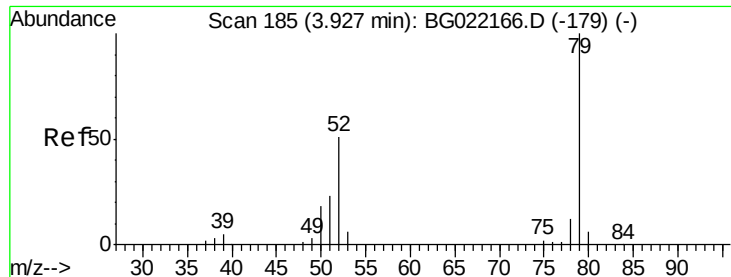
Delta R.T. -0.02 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.4	36.8	55.2
43	20.2	10.4	15.6





#3

Pyridine

Concen: 7.33 ng

RT: 3.91 min Scan# 182

Delta R.T. -0.02 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

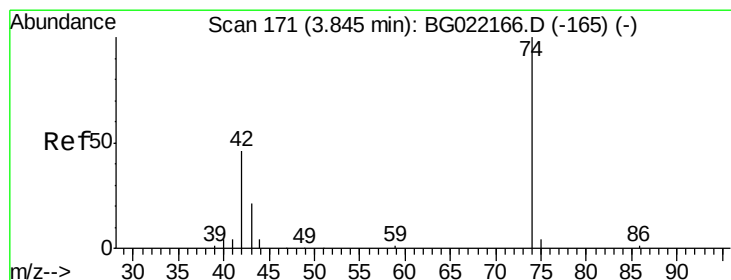
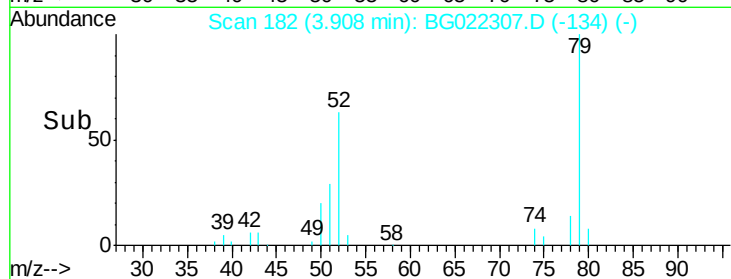
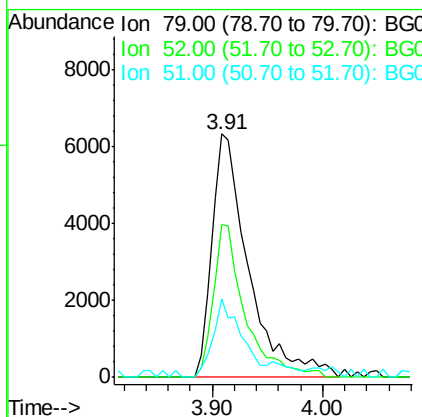
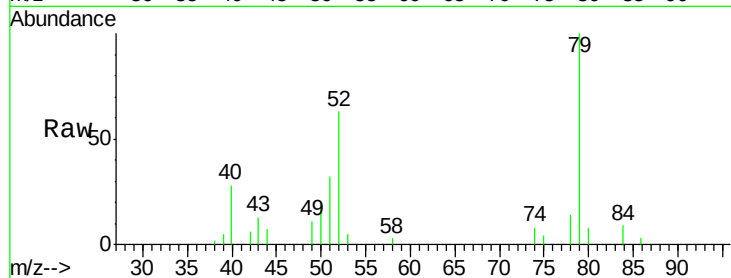
ClientSampleId :

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Tgt Ion:	79	Resp:	14462
Ion Ratio	Lower	Upper	
79	100		
52	62.6	41.6	62.4#
51	32.2	19.2	28.8#

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#4

n-Nitrosodimethylamine

Concen: 51.38 ng

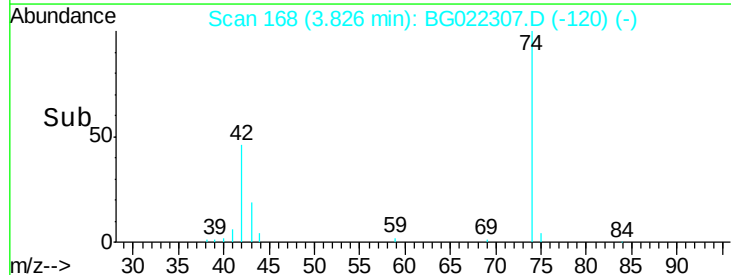
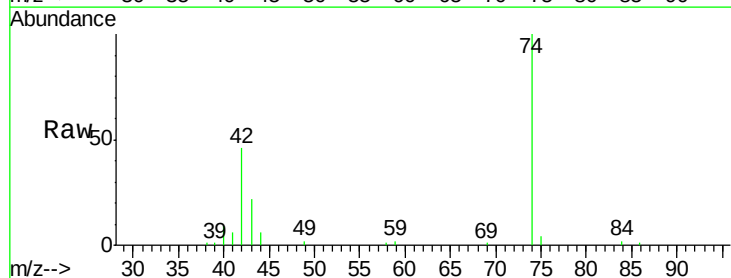
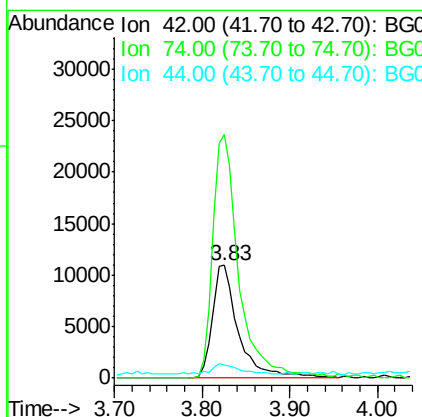
RT: 3.83 min Scan# 168

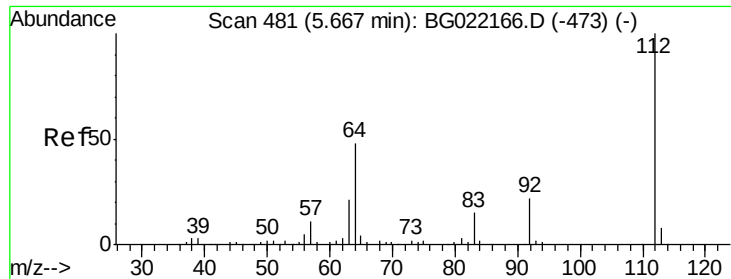
Delta R.T. -0.02 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Tgt Ion:	42	Resp:	22676
Ion Ratio	Lower	Upper	
42	100		
74	215.9	184.0	276.0
44	12.1	11.0	16.6





#5

2-Fluorophenol

Concen: 165.72 ng

RT: 5.65 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

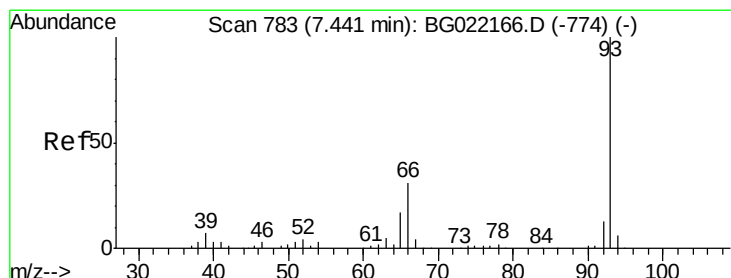
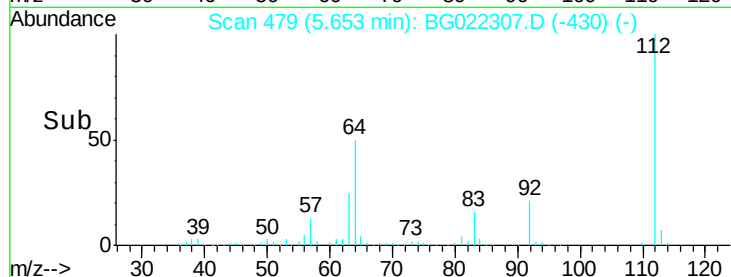
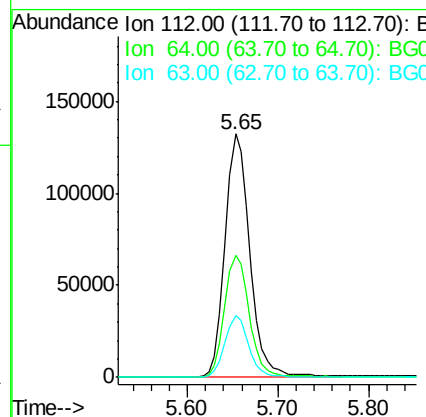
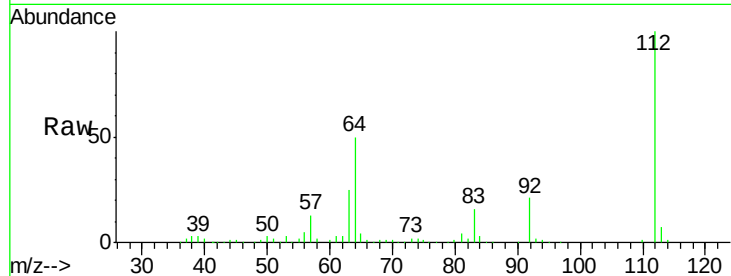
ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

Tgt Ion:	112	Resp:	252459
Ion Ratio	Lower	Upper	
112	100		
64	50.4	51.1	76.7#
63	25.3	24.6	37.0

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#6

Aniline

Concen: 25.71 ng

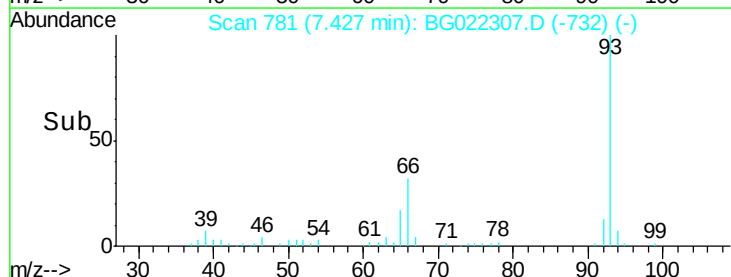
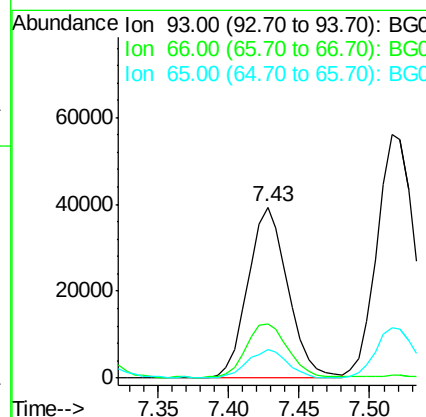
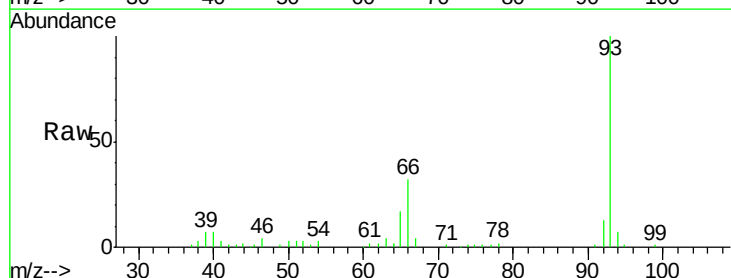
RT: 7.43 min Scan# 781

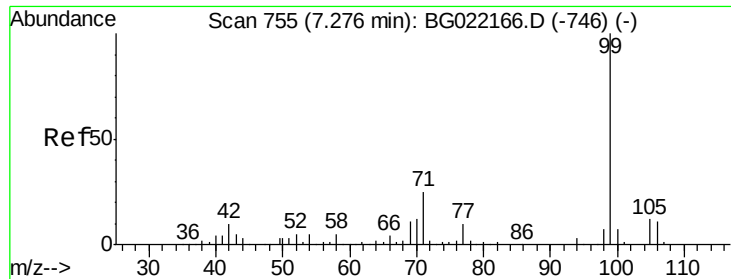
Delta R.T. -0.01 min

Lab File: BG022307.D

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Tgt Ion:	93	Resp:	78248
Ion Ratio	Lower	Upper	
93	100		
66	31.9	36.3	54.5#
65	16.8	18.4	27.6#





#7

Phenol-d6

Concen: 155.33 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

Tgt Ion: 99 Resp: 372036

Ion Ratio Lower Upper

99 100

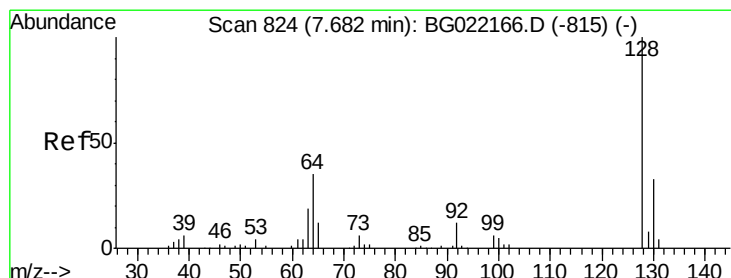
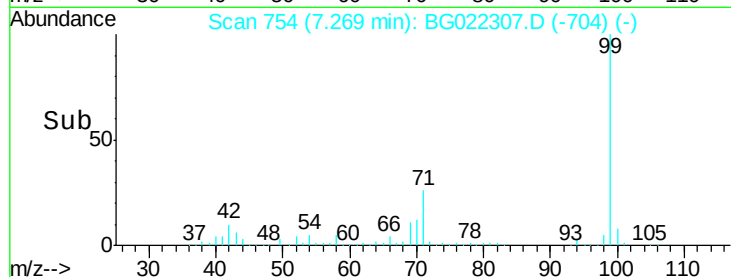
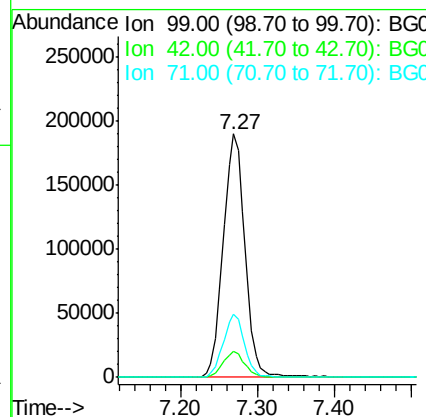
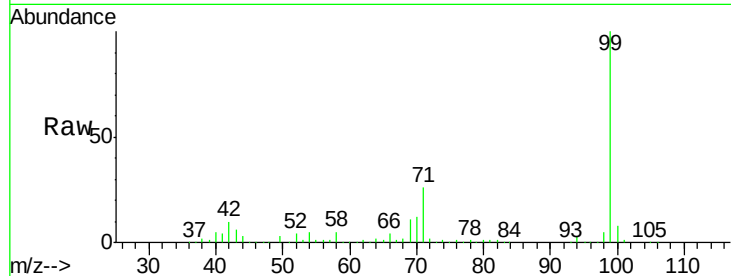
42 10.5 16.4 24.6#

71 25.8 25.0 37.4

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#8

2-Chlorophenol

Concen: 57.60 ng

RT: 7.67 min Scan# 822

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

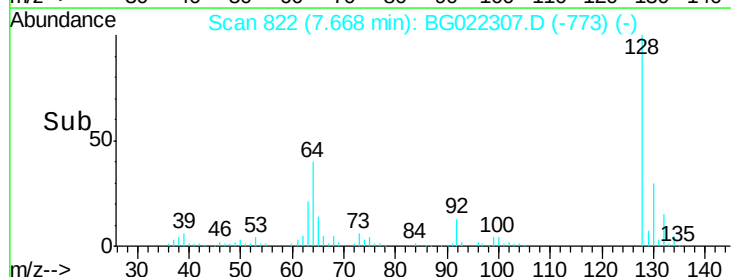
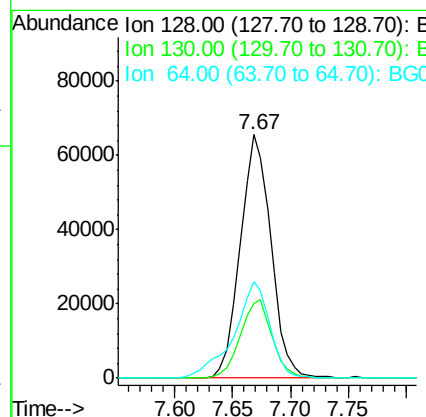
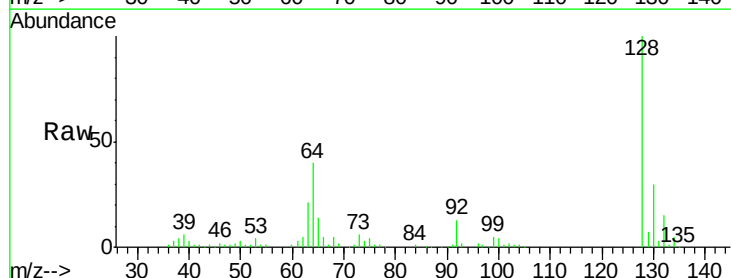
Tgt Ion: 128 Resp: 121285

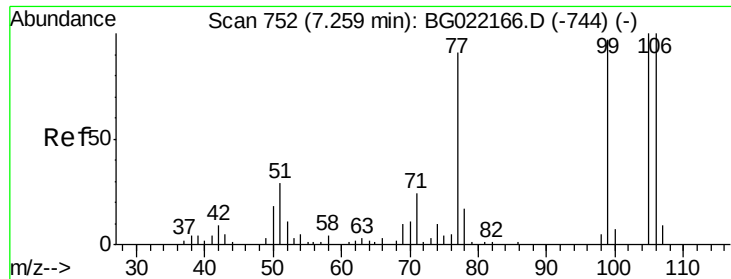
Ion Ratio Lower Upper

128 100

130 30.5 11.2 51.2

64 39.7 39.8 79.8#





#9

Benzaldehyde

Concen: 4.10 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

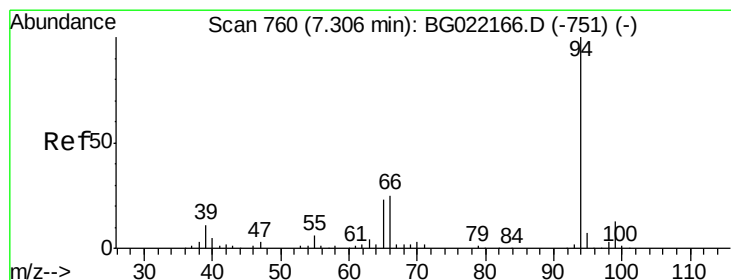
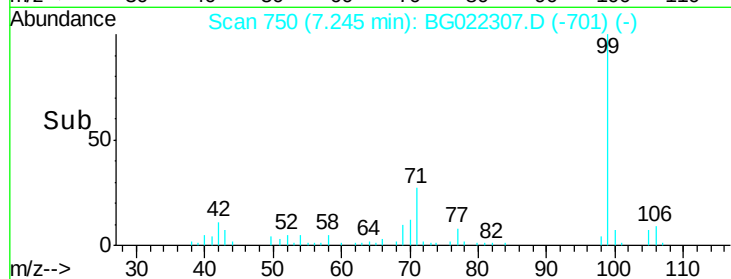
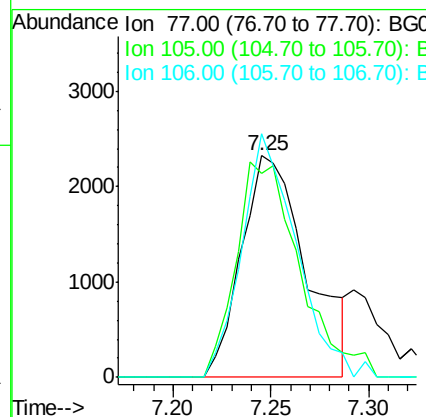
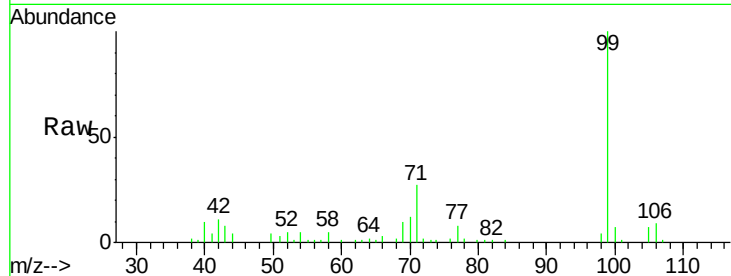
ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	92.1	62.1	102.1
106	109.8	65.6	105.6

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#10

Phenol

Concen: 61.45 ng

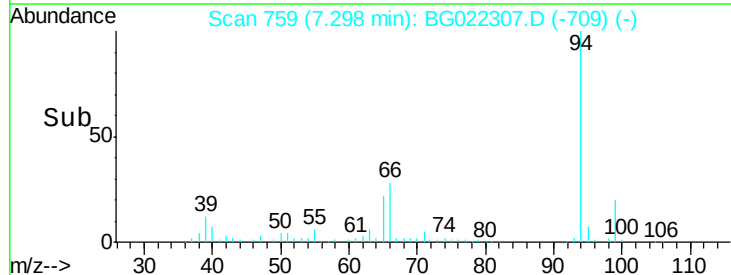
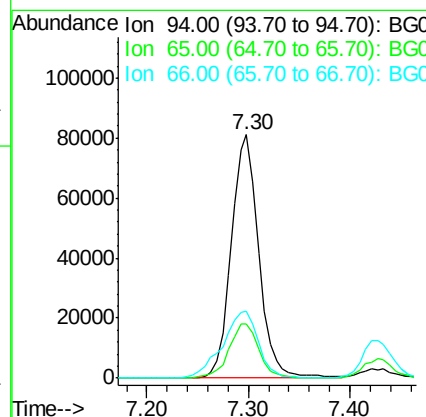
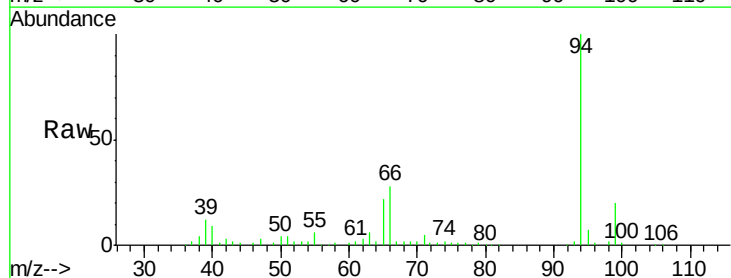
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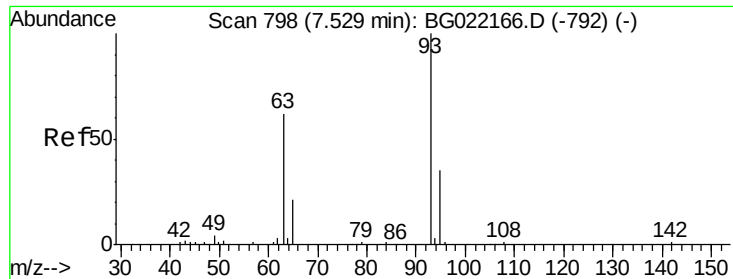
Delta R.T. -0.01 min

Lab File: BG022307.D

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Tgt Ion	Ratio	Lower	Upper
94	100		
65	22.5	9.8	49.8
66	27.7	20.8	60.8





#11

bis(2-Chloroethyl)ether

Concen: 53.09 ng

RT: 7.52 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

Tgt Ion: 93 Resp: 104531

Ion Ratio Lower Upper

93 100

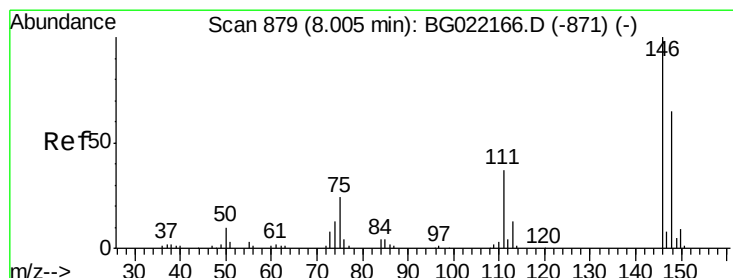
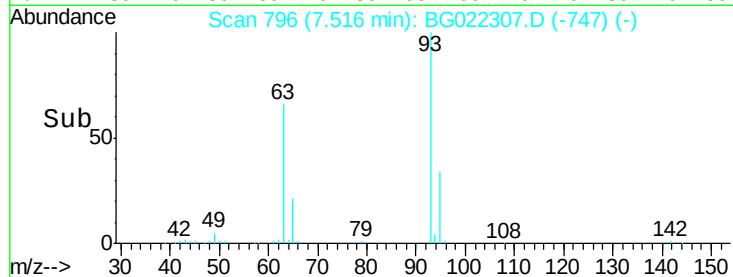
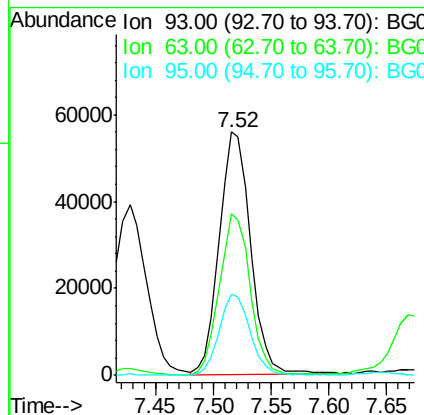
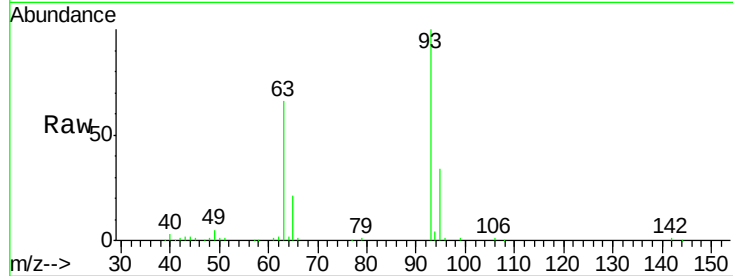
63 66.3 74.9 114.9#

95 33.5 8.3 48.3

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#12

1,3-Dichlorobenzene

Concen: 48.99 ng

RT: 7.99 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

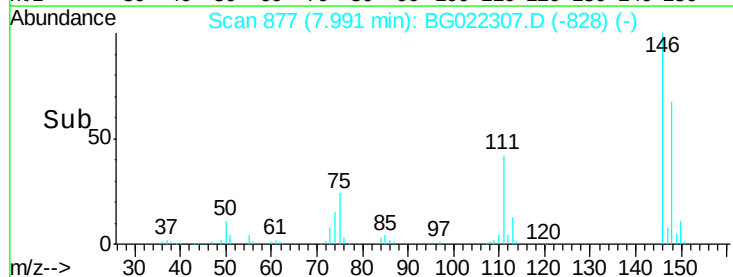
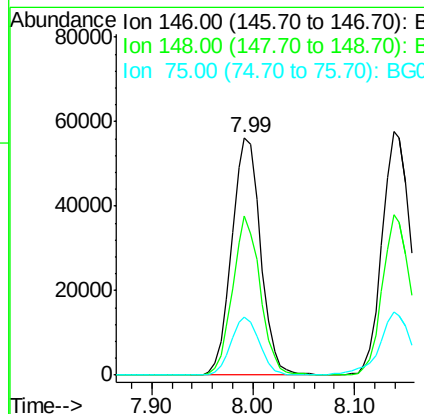
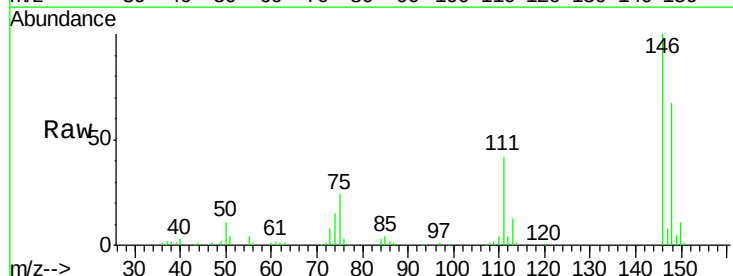
Tgt Ion: 146 Resp: 110567

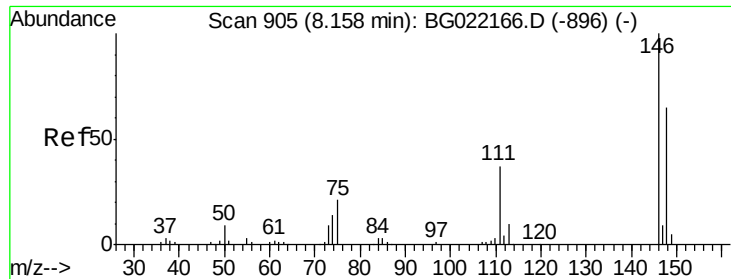
Ion Ratio Lower Upper

146 100

148 67.0 53.7 80.5

75 24.3 27.4 41.0#





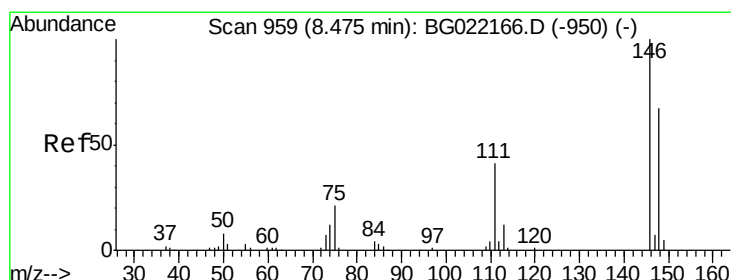
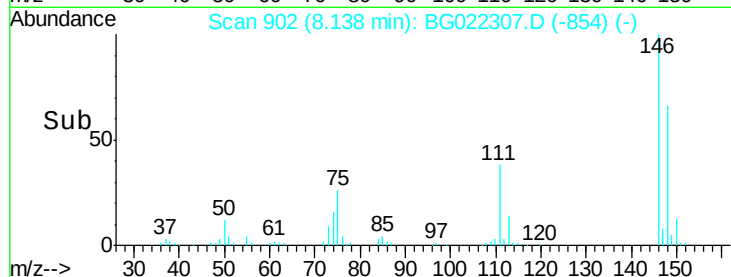
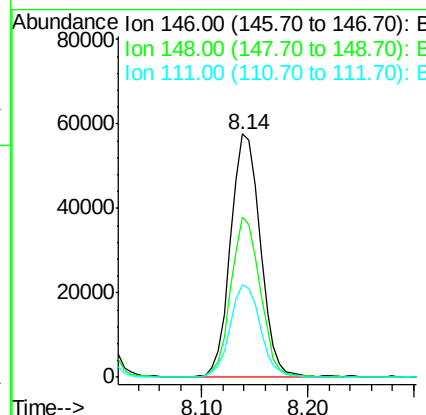
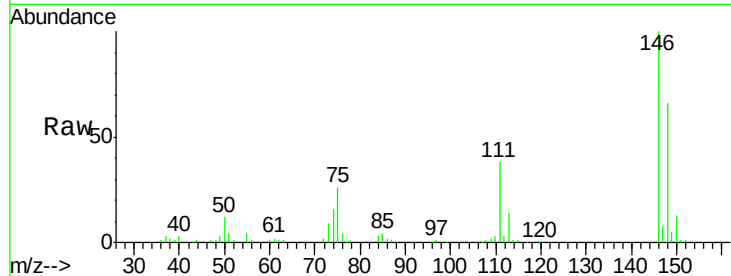
#13
1,4-Dichlorobenzene
Concen: 50.24 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	112978		
148	65.9	46.7	70.1	
111	38.0	33.0	49.6	

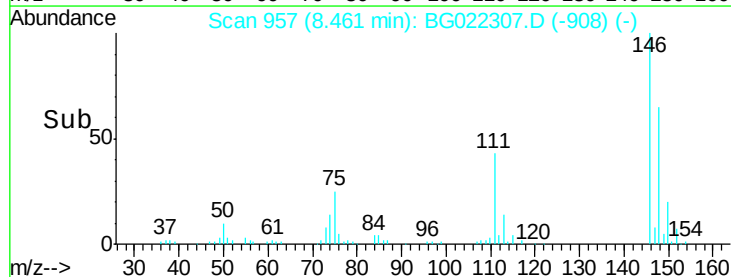
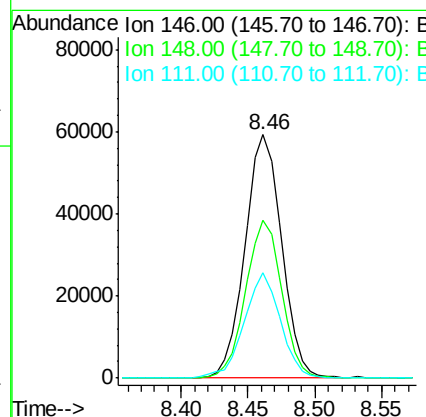
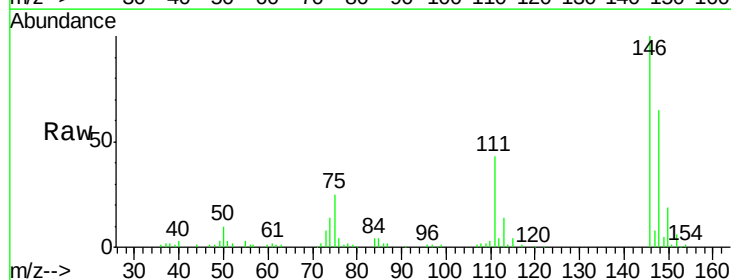
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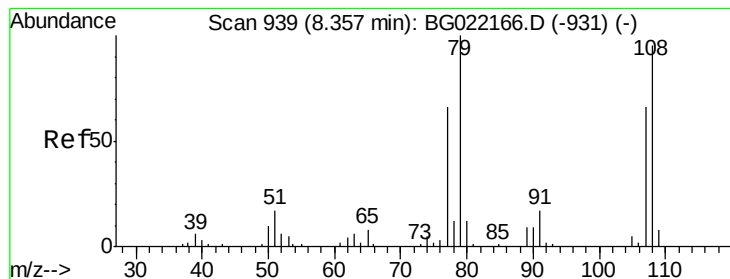
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#14
1,2-Dichlorobenzene
Concen: 49.64 ng
RT: 8.46 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	112532		
148	64.8	52.6	79.0	
111	43.1	36.1	54.1	





#15

Benzyl Alcohol

Concen: 55.34 ng

RT: 8.34 min Scan# 937

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

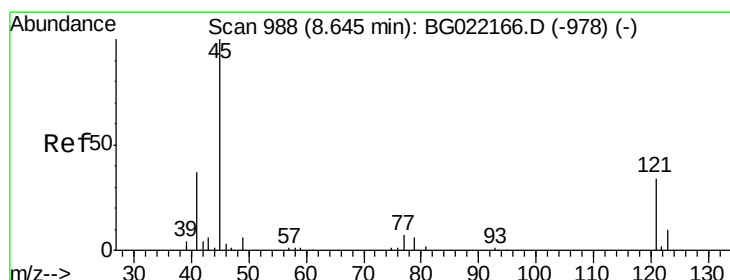
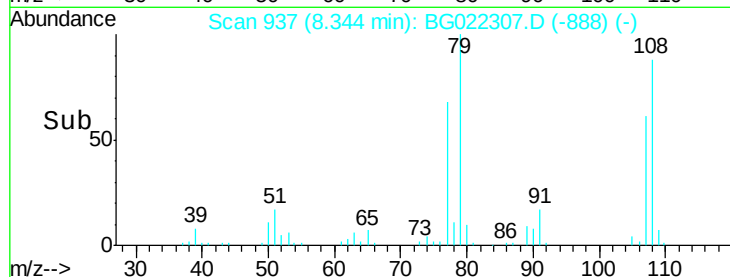
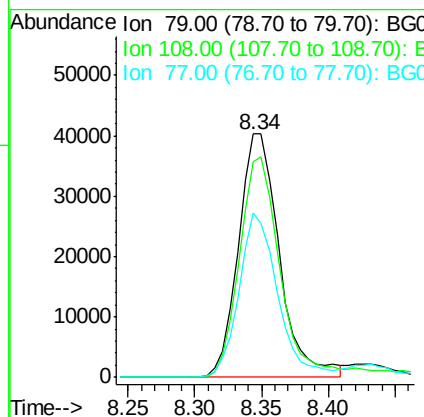
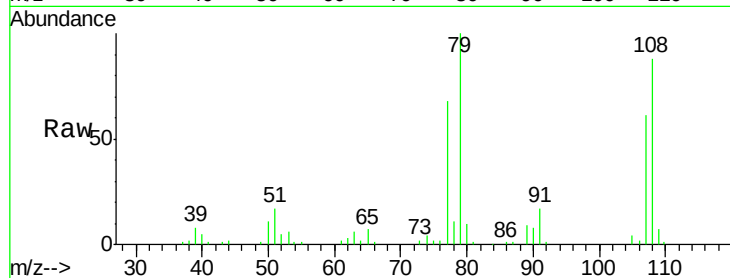
ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

Tgt Ion:	79	Resp:	85640
Ion Ratio	Lower	Upper	
79	100		
108	88.3	59.4	89.0
77	67.7	52.2	78.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 57.49 ng

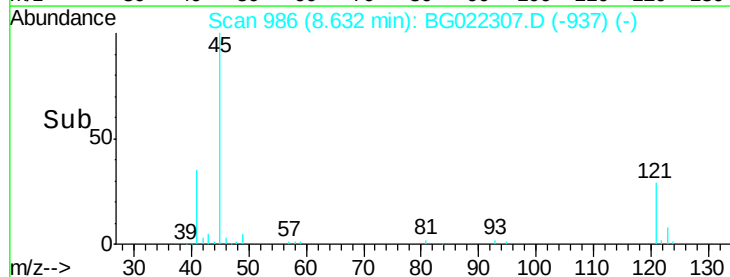
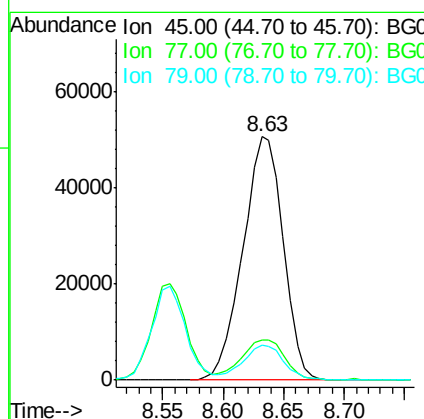
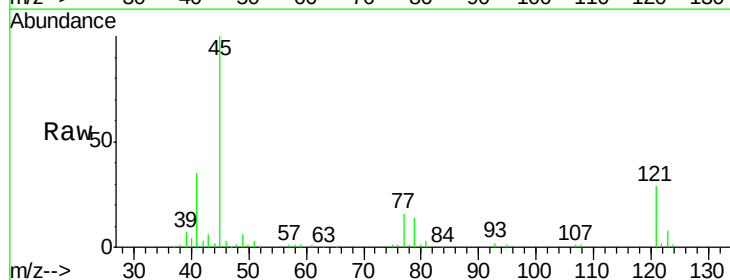
RT: 8.63 min Scan# 986

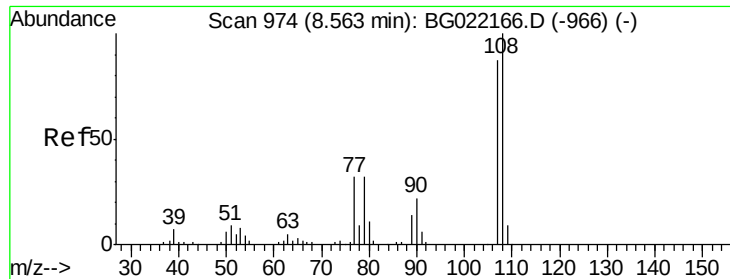
Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Tgt Ion:	45	Resp:	117437
Ion Ratio	Lower	Upper	
45	100		
77	16.5	0.0	31.2
79	14.5	0.0	29.0





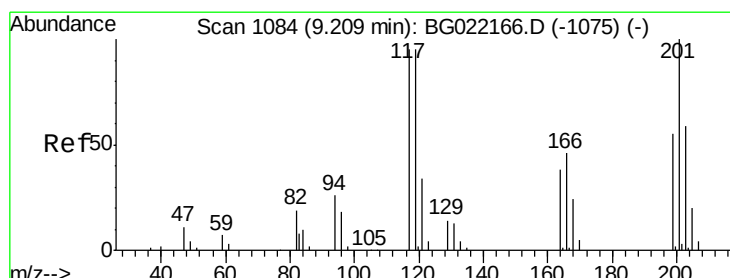
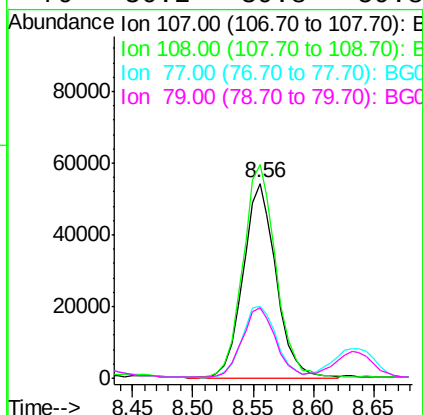
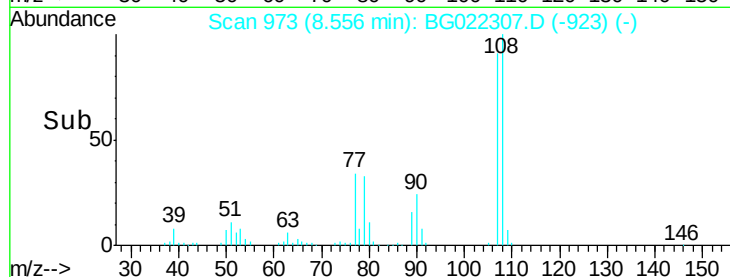
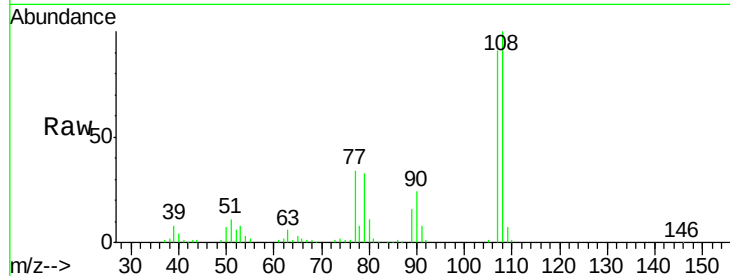
#17
2-Methylphenol
Concen: 56.25 ng
RT: 8.56 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	109.5	80.2	120.4
77	37.1	40.7	61.1#
79	36.2	39.8	59.8#

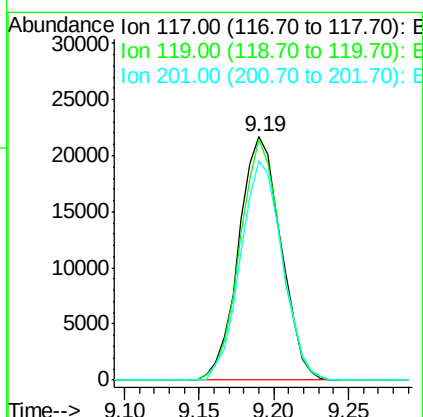
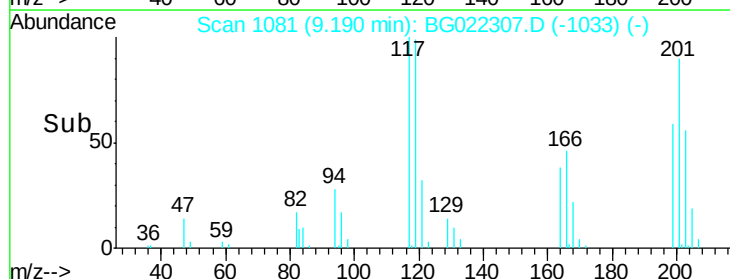
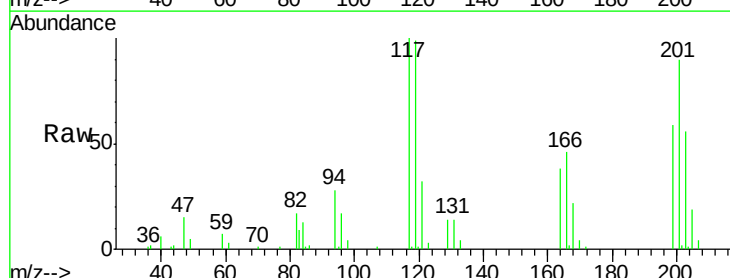
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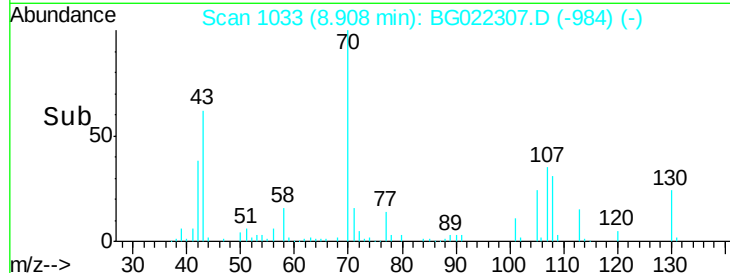
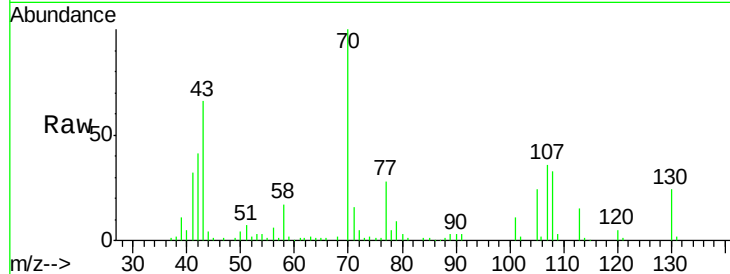
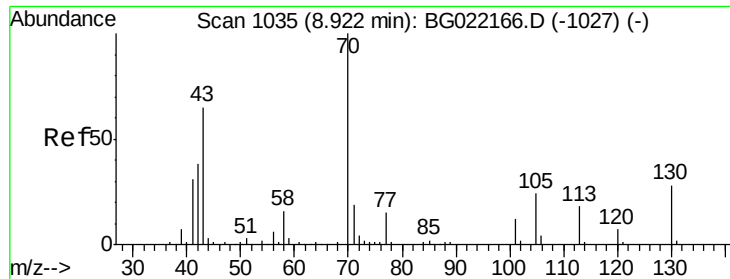
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#18
Hexachloroethane
Concen: 51.75 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.02 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	98.7	63.9	95.9#
201	92.2	61.2	91.8#





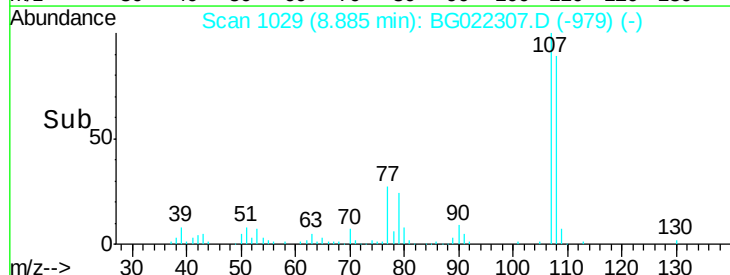
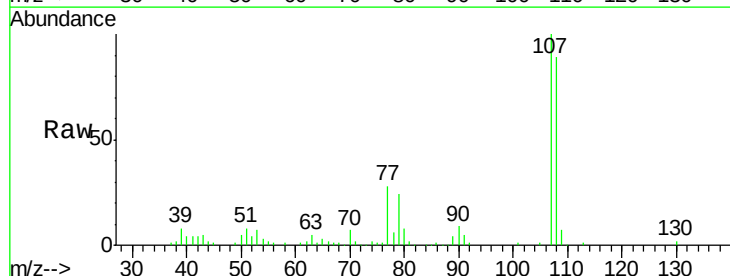
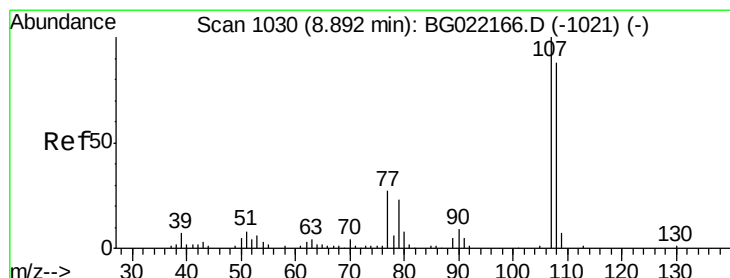
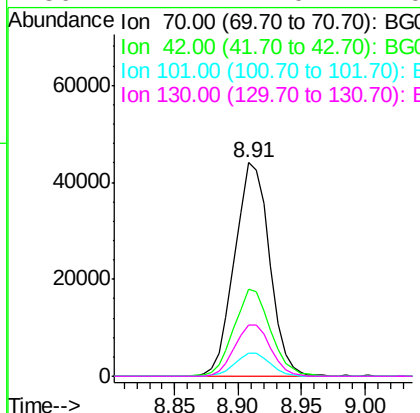
#19
n-Nitroso-di-n-propylamine
Concen: 51.99 ng
RT: 8.91 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	40.5	56.7	85.1#
101	10.7	8.2	12.4
130	24.1	14.0	21.0#

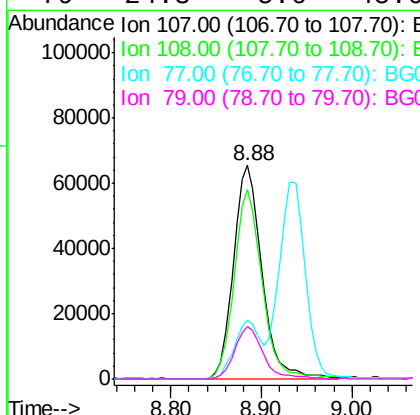
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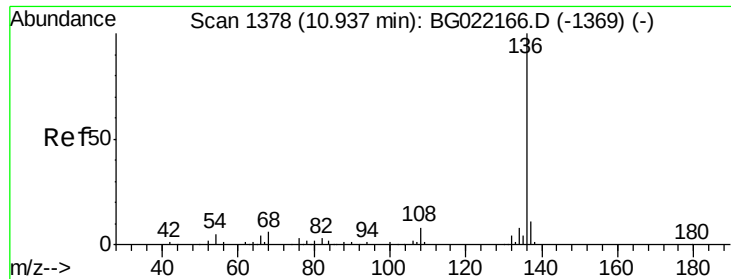
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#20
3+4-Methylphenols
Concen: 54.03 ng
RT: 8.88 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	66.2	106.2
77	27.6	11.5	51.5
79	24.3	5.6	45.6





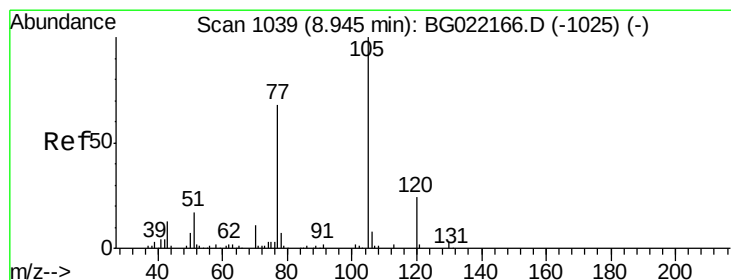
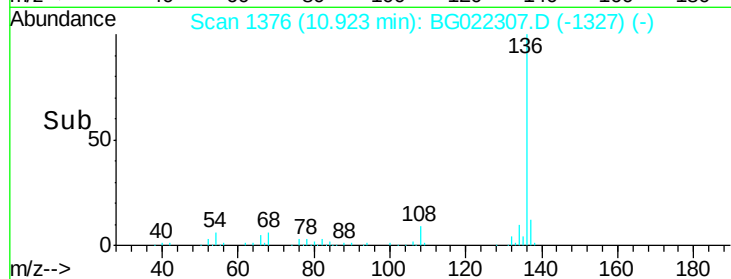
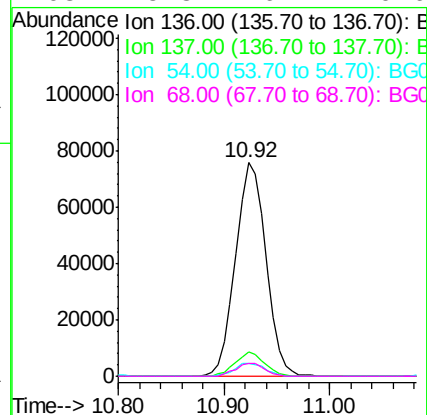
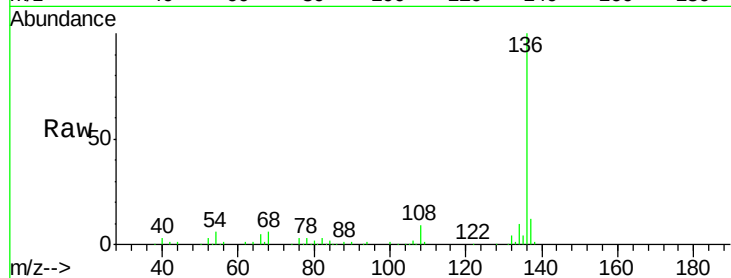
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.7	9.0	13.4
54	5.8	9.6	14.4#
68	5.8	6.4	9.6#

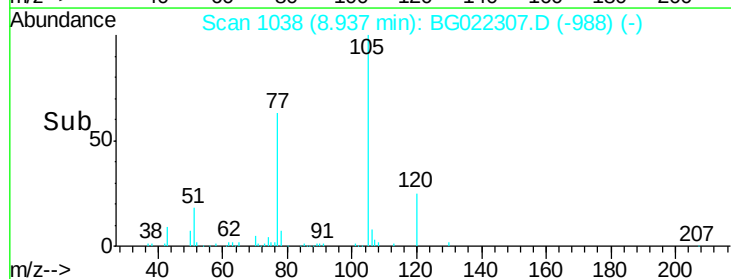
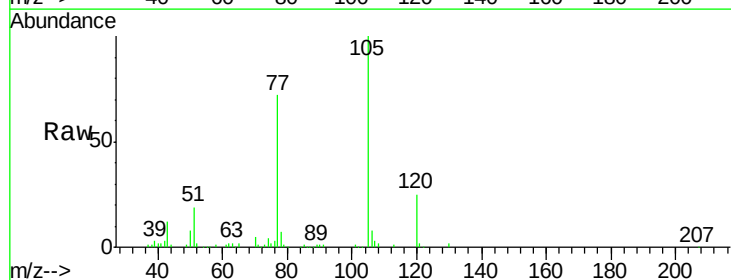
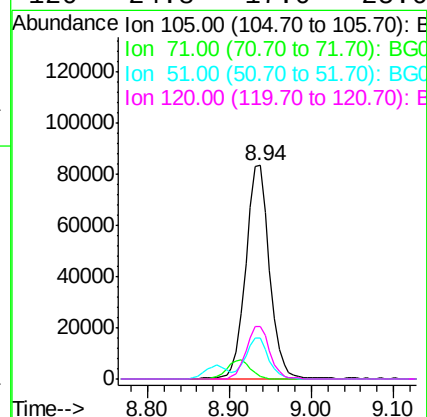
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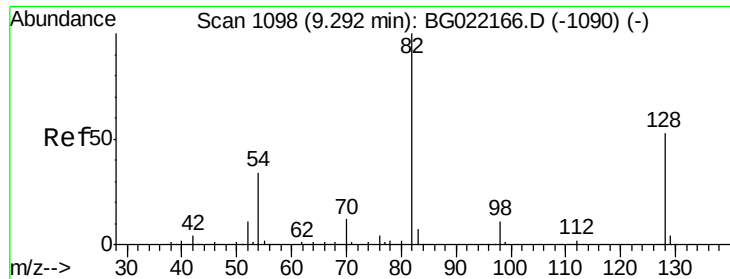
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#22
Acetophenone
Concen: 51.82 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	1.1	0.0	0.0#
51	19.1	25.7	38.5#
120	24.8	17.0	25.6





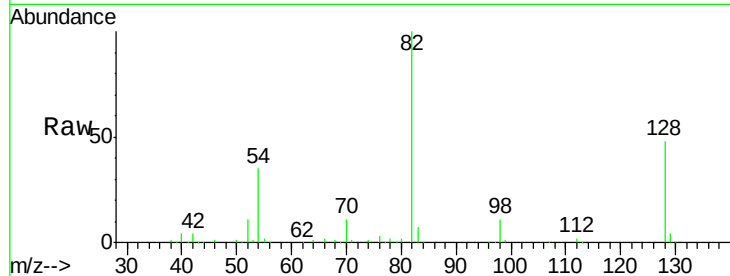
#23
 Nitrobenzene-d5
 Concen: 95.51 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

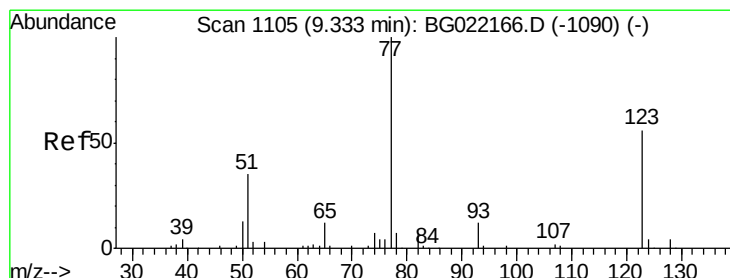
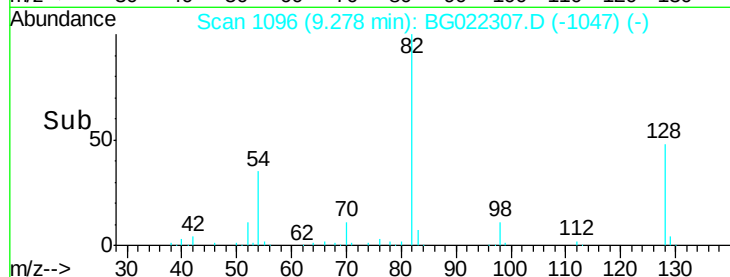
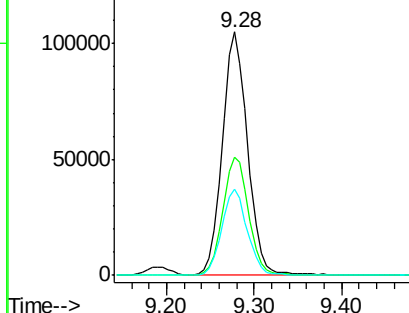
Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	48.3	33.4	50.0
54	35.5	46.1	69.1#

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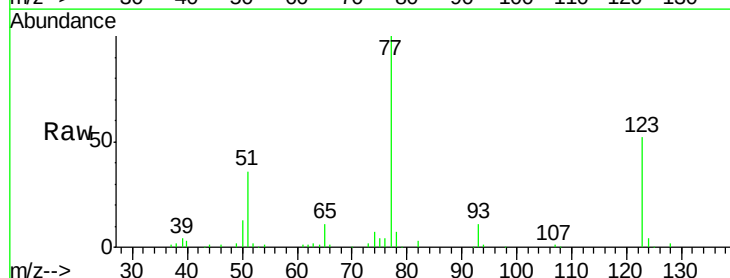


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

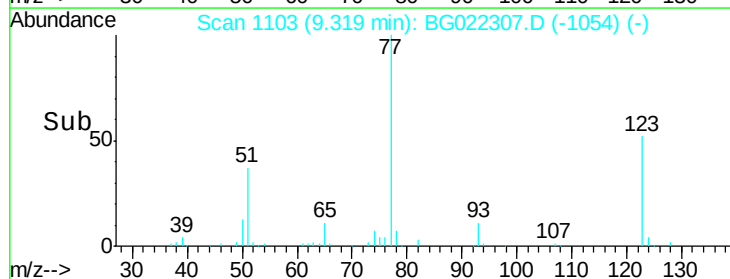
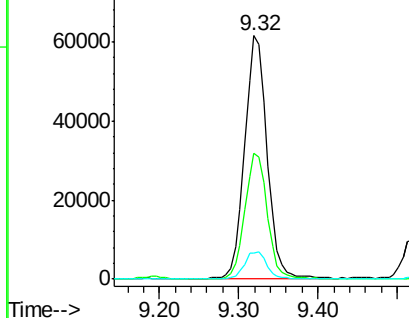


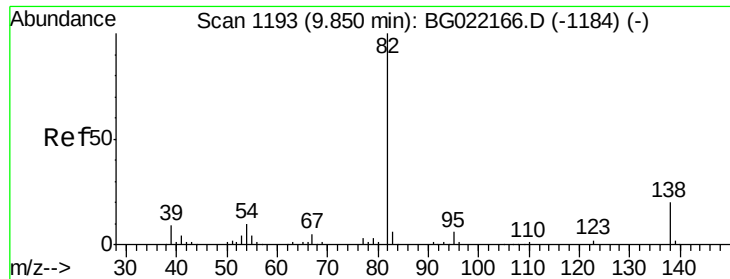
#24
 Nitrobenzene
 Concen: 55.97 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	51.7	32.2	48.4#
65	10.6	10.3	15.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 49.03 ng

RT: 9.84 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

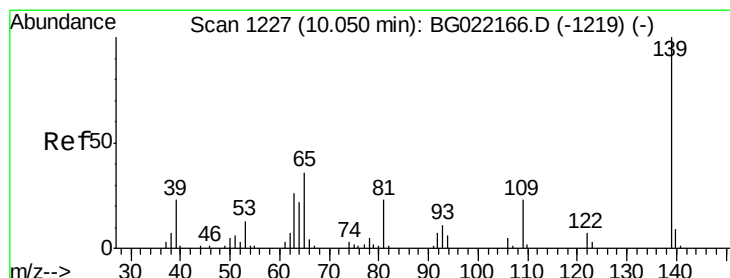
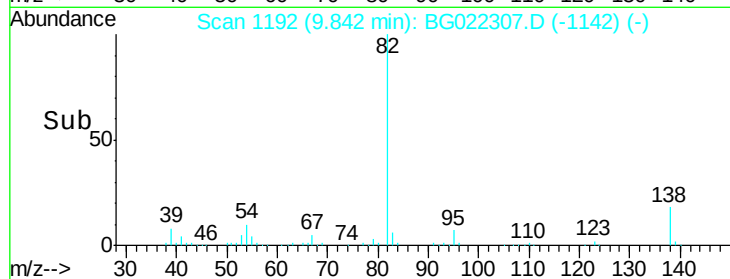
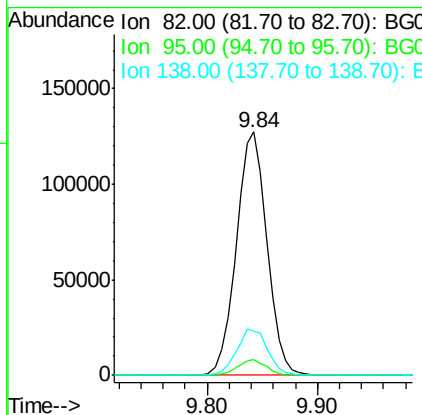
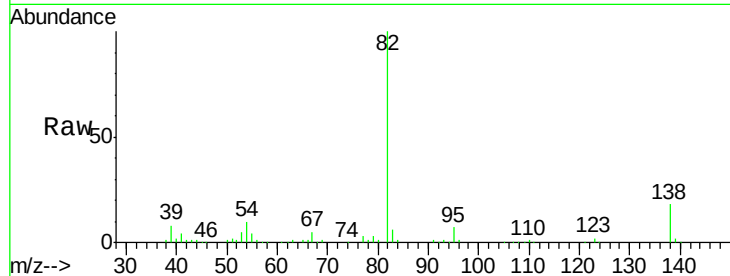
ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

Tgt Ion:	82	Resp:	248404
Ion Ratio		Lower	Upper
82	100		
95	6.7	6.0	9.0
138	18.0	13.4	20.0

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#26

2-Nitrophenol

Concen: 56.48 ng

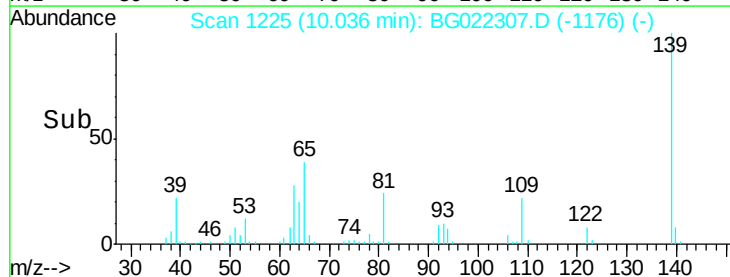
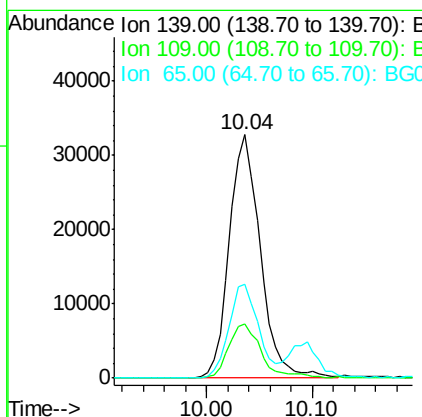
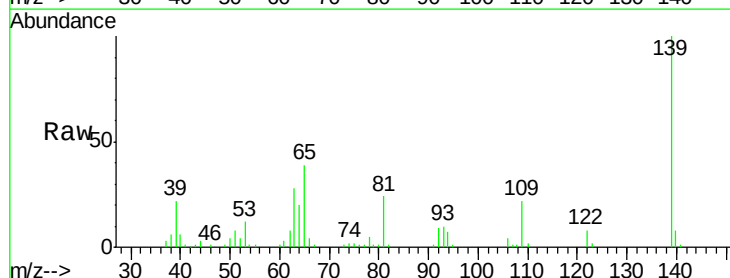
RT: 10.04 min Scan# 1225

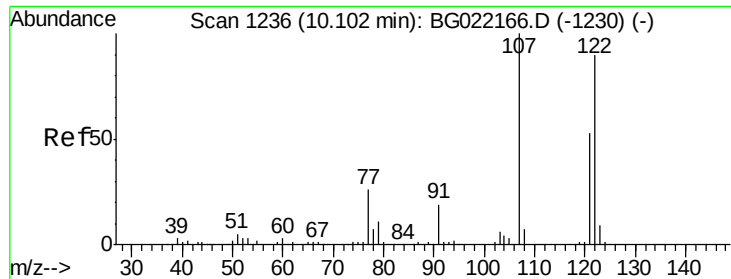
Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Tgt Ion:	139	Resp:	66698
Ion Ratio		Lower	Upper
139	100		
109	22.5	26.6	40.0#
65	38.6	45.3	67.9#





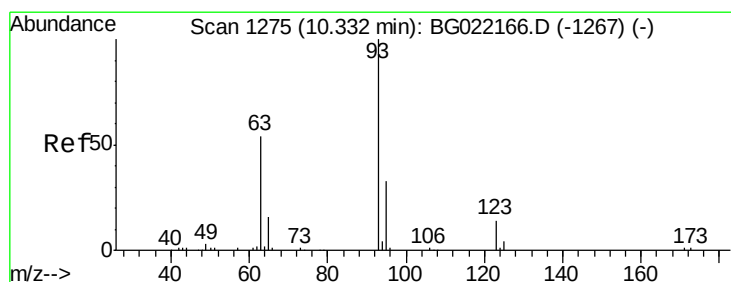
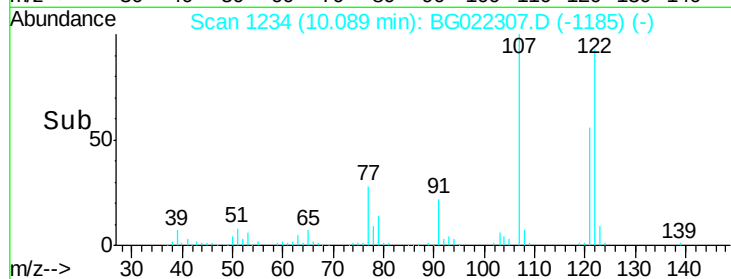
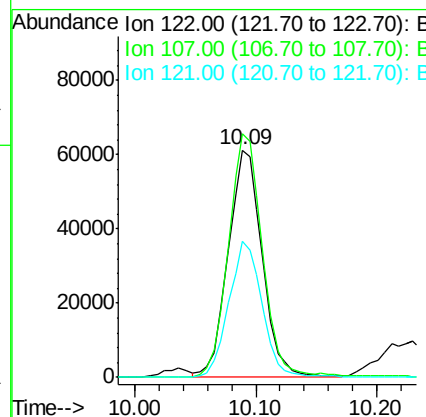
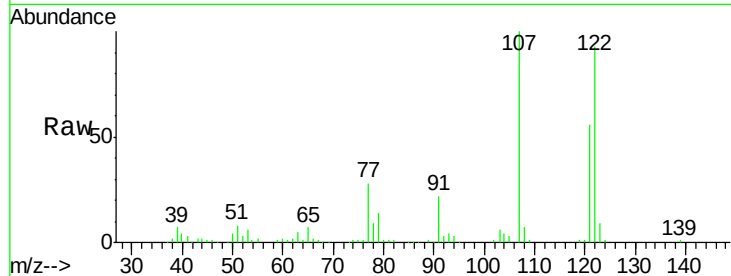
#27
2,4-Dimethylphenol
Concen: 55.68 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	119024		
107	107.0	97.2	145.8	
121	59.8	49.0	73.4	

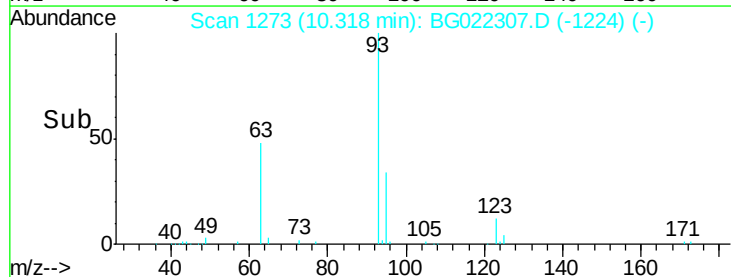
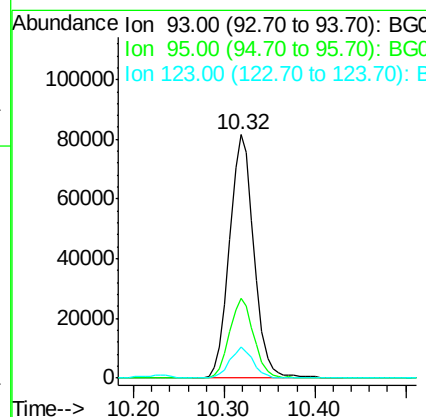
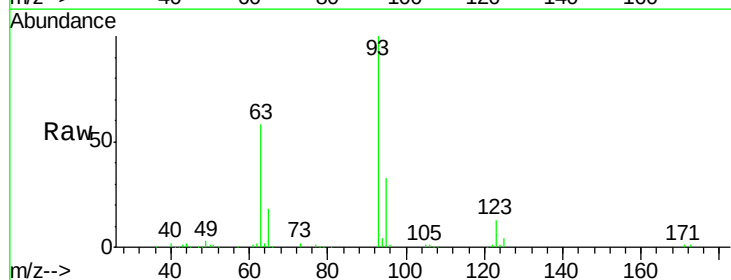
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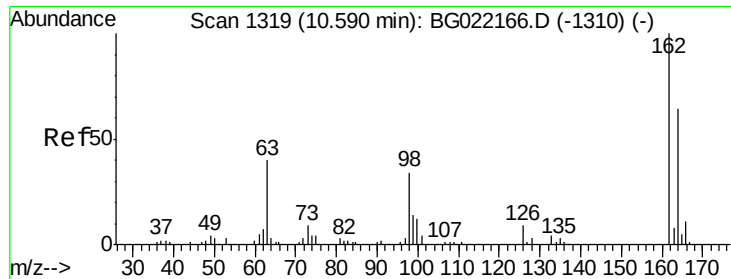
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#28
bis(2-Chloroethoxy)methane
Concen: 52.67 ng
RT: 10.32 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	152900		
95	32.8	30.1	45.1	
123	12.7	10.2	15.4	





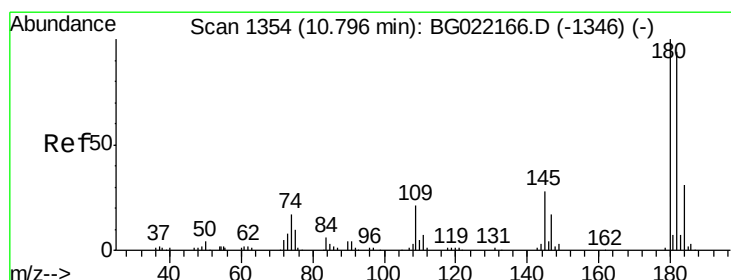
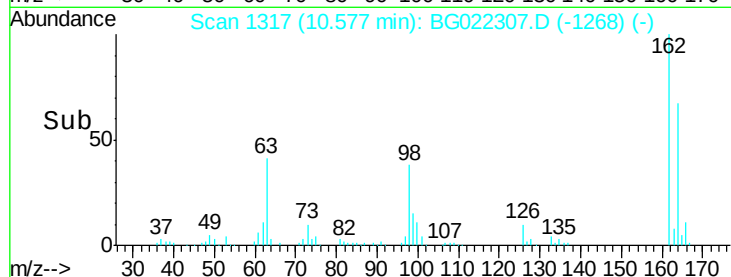
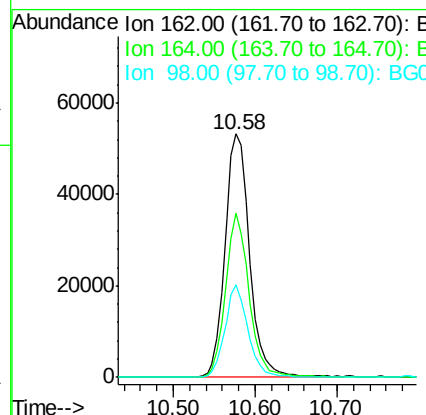
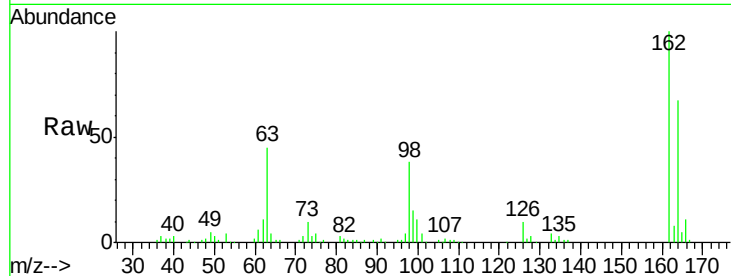
#29
 2,4-Dichlorophenol
 Concen: 56.40 ng
 RT: 10.58 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	67.4	44.9	84.9
98	38.0	19.2	59.2

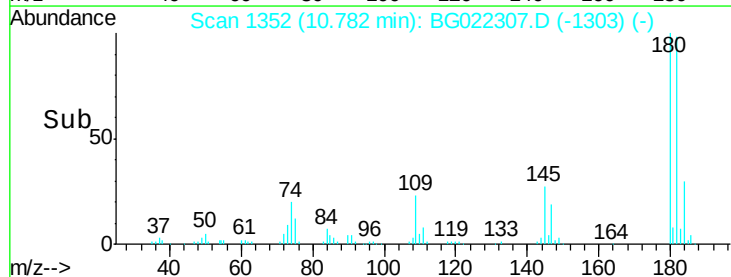
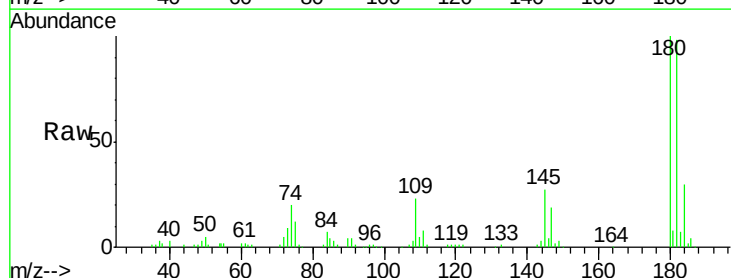
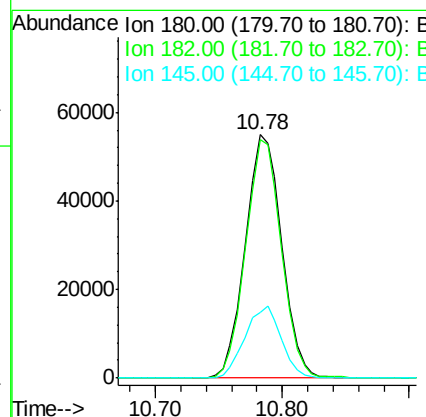
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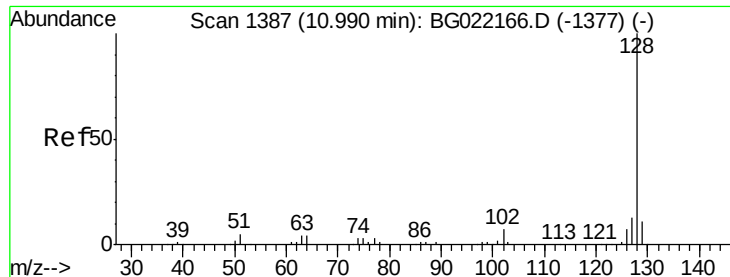
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.67 ng
 RT: 10.78 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.1	82.3	123.5
145	27.2	24.4	36.6





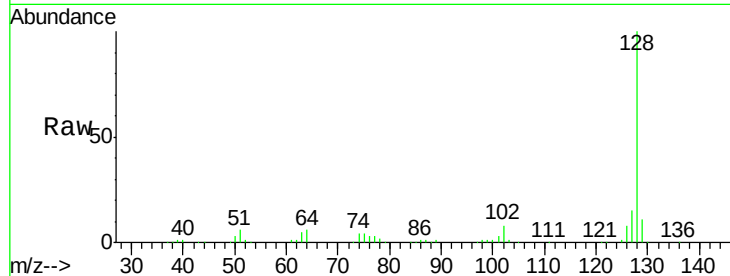
#31
Naphthalene
Concen: 50.04 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	377124		
129	11.0	7.0	10.6#	
127	14.7	10.1	15.1	

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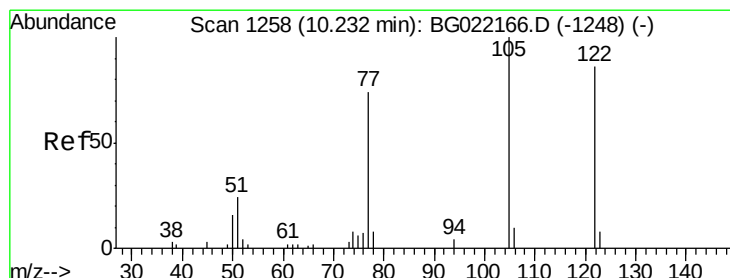
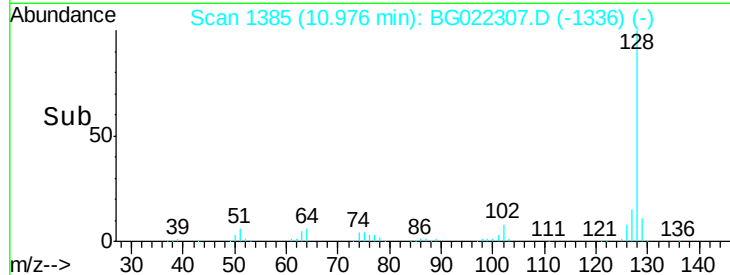
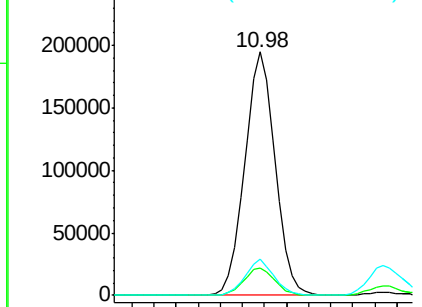


Abundance

Ion 128.00 (127.70 to 128.70): E

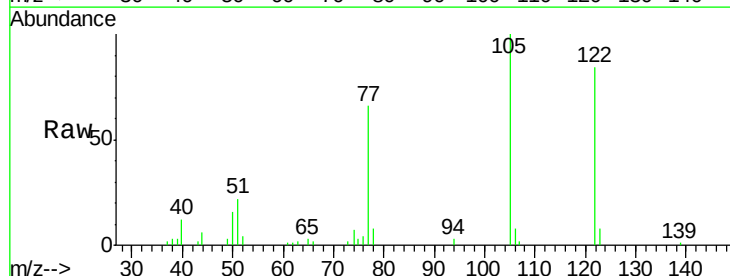
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 43.17 ng
RT: 10.23 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	30049		
105	119.4	104.5	144.5	
77	79.1	79.9	119.9#	

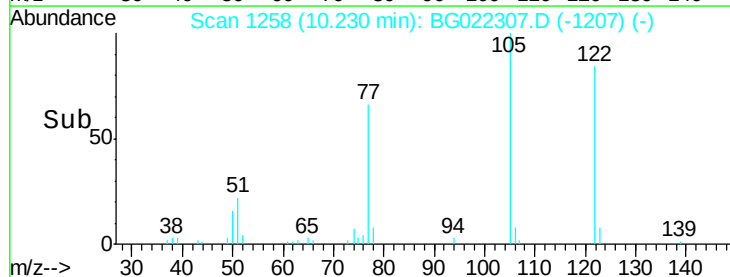
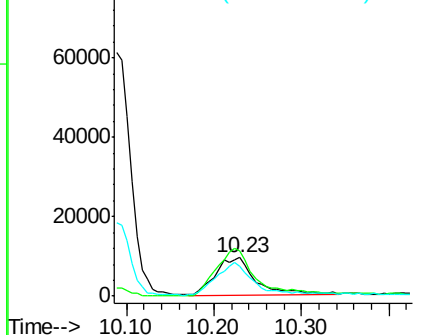


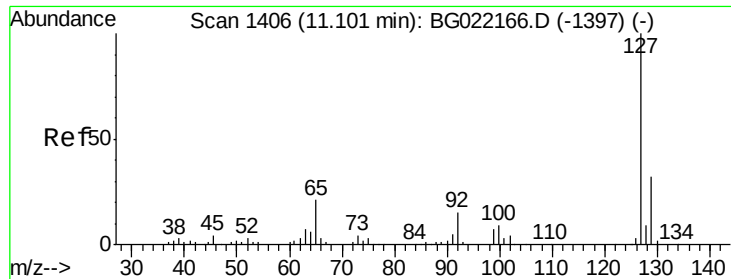
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





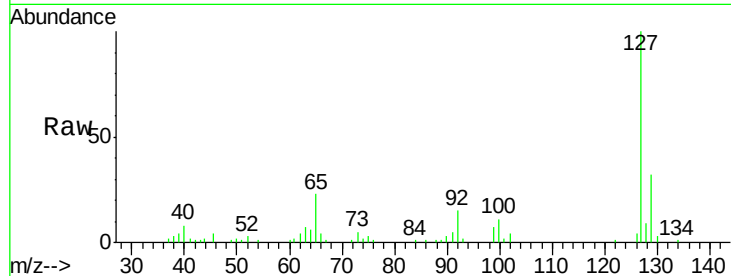
#33
4-Chloroaniline
Concen: 17.93 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

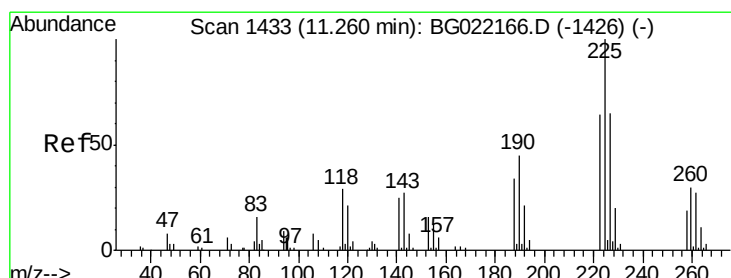
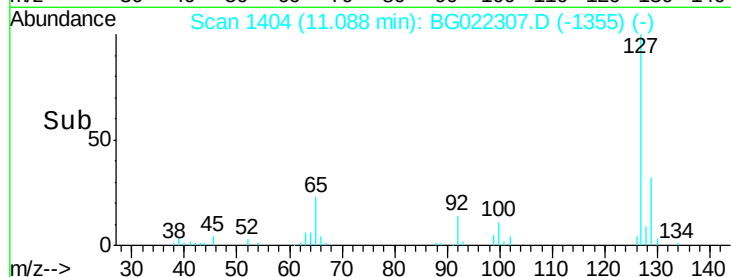
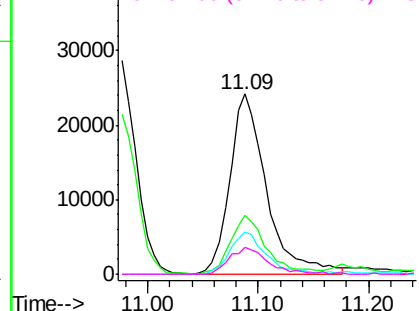
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	56199		
129	32.4	26.6	39.8	
65	23.5	27.5	41.3	
92	15.2	14.7	22.1	

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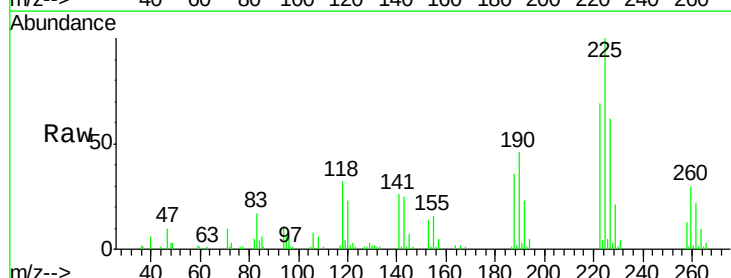


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

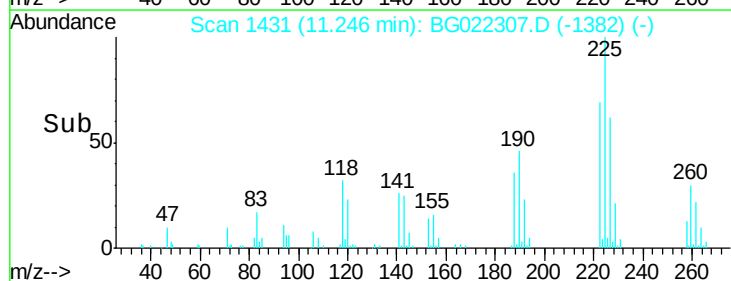
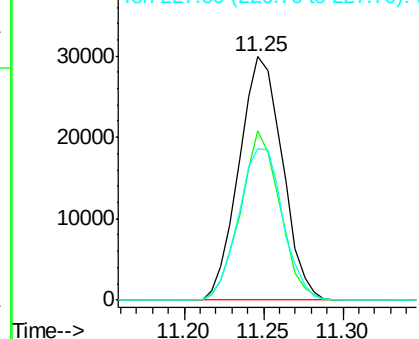


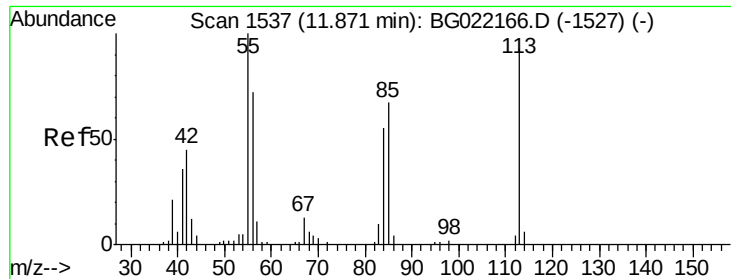
#34
Hexachlorobutadiene
Concen: 47.88 ng
RT: 11.25 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	56874		
223	66.0	52.7	79.1	
227	61.7	49.7	74.5	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 31.12 ng m

RT: 11.86 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

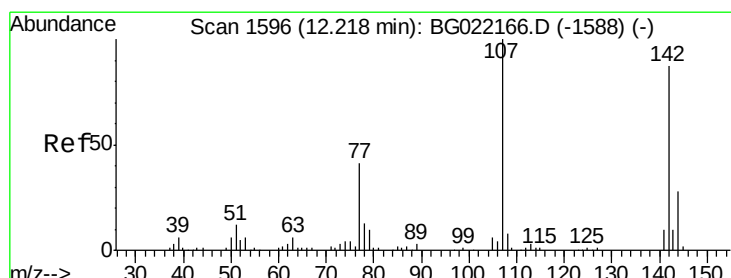
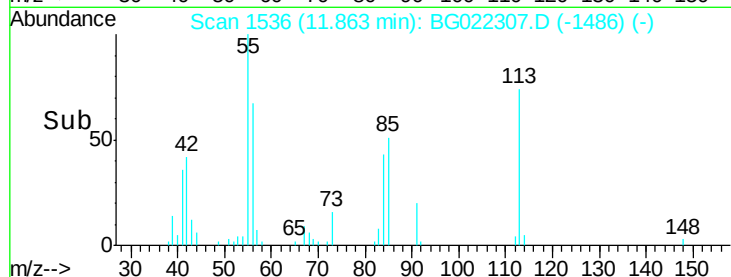
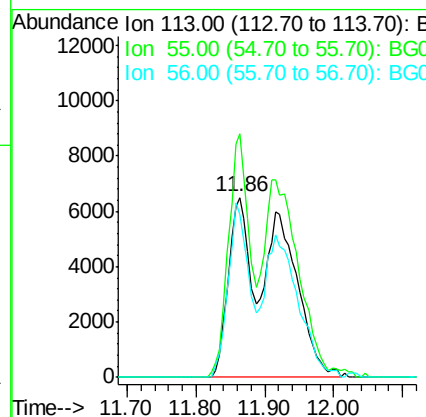
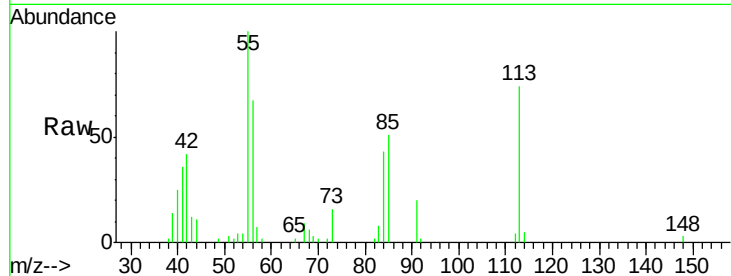
ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

Tgt Ion:	113	Resp:	33805
Ion Ratio	Lower	Upper	
113	100		
55	135.6	194.2	234.2#
56	90.7	122.6	162.6#

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#36

4-Chloro-3-methylphenol

Concen: 52.55 ng

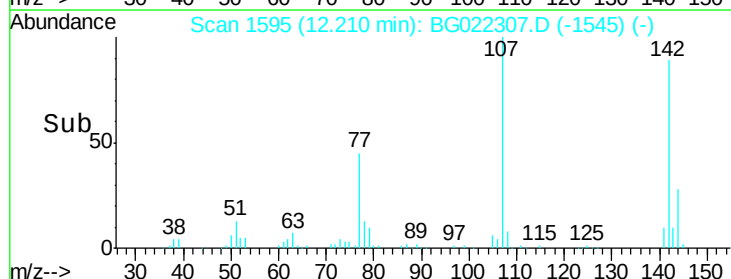
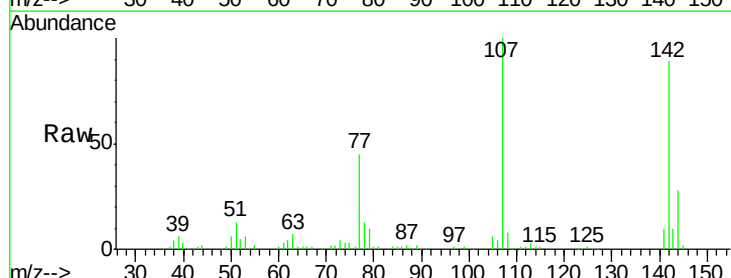
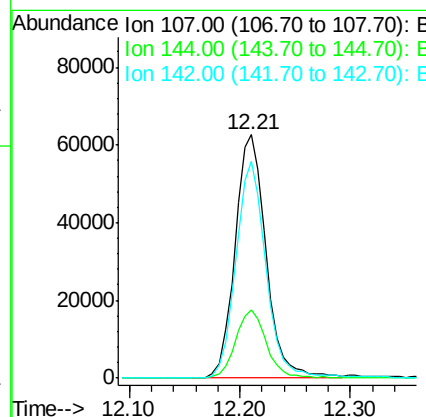
RT: 12.21 min Scan# 1595

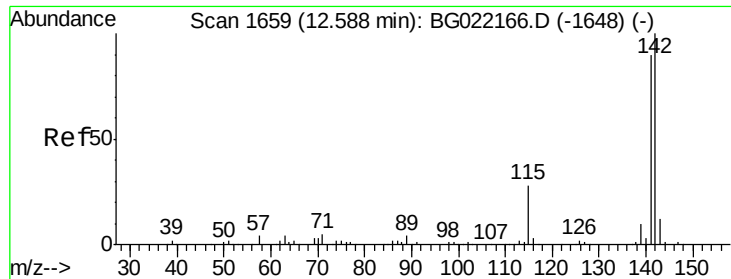
Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Tgt Ion:	107	Resp:	123340
Ion Ratio	Lower	Upper	
107	100		
144	28.2	19.2	28.8
142	88.9	59.1	88.7#





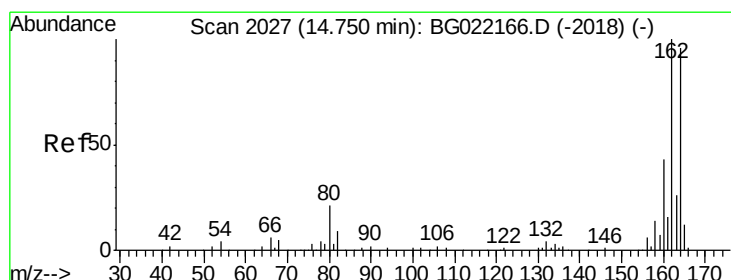
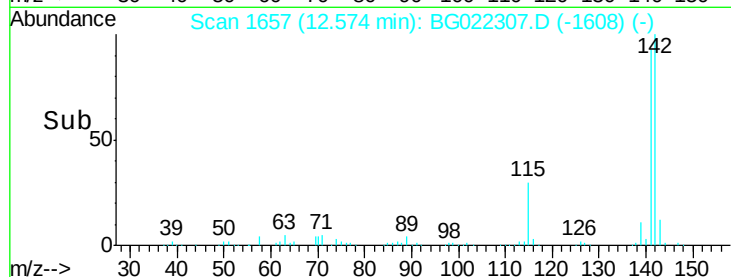
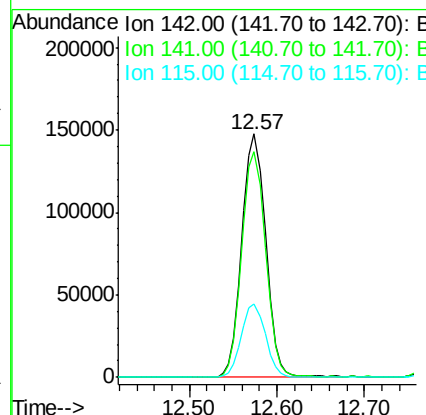
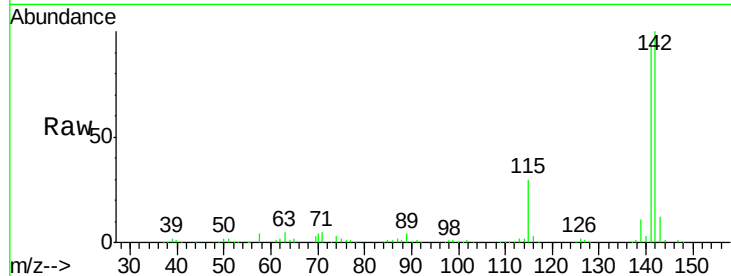
#37
2-Methylnaphthalene
Concen: 49.17 ng
RT: 12.57 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	273579		
141	92.9	71.4	107.0	
115	30.2	27.4	41.2	

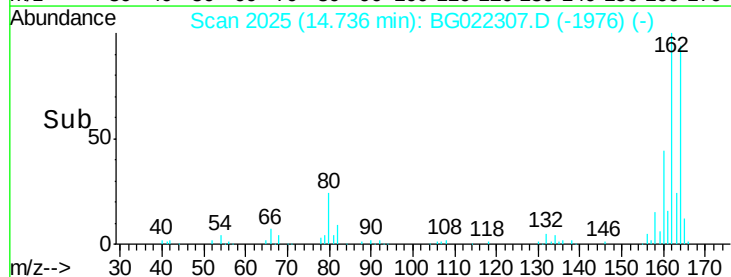
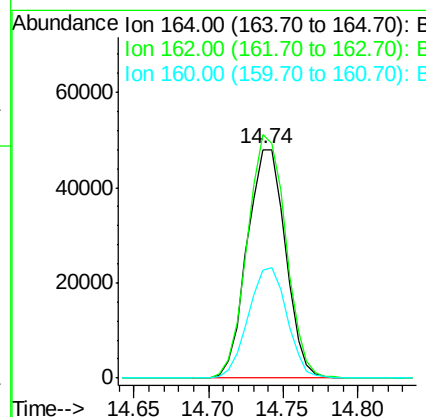
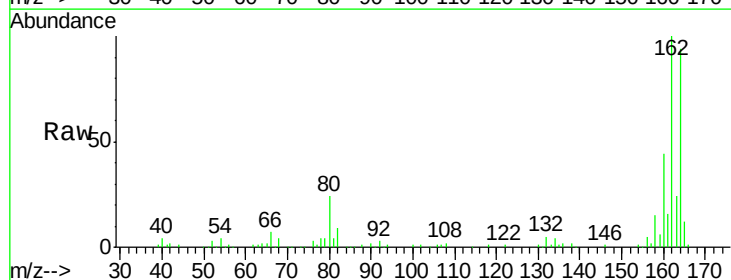
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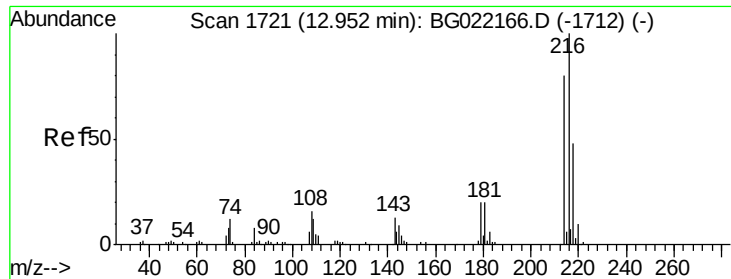
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	85430		
162	106.4	78.0	117.0	
160	47.1	32.9	49.3	





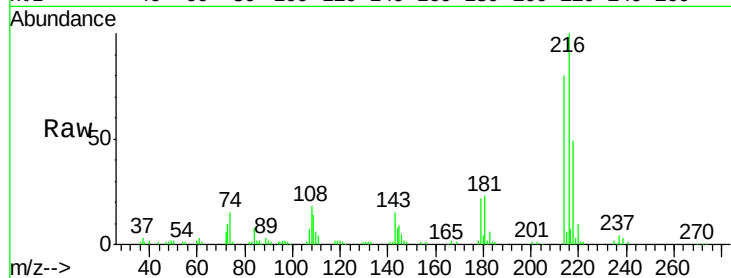
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.21 ng
 RT: 12.94 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

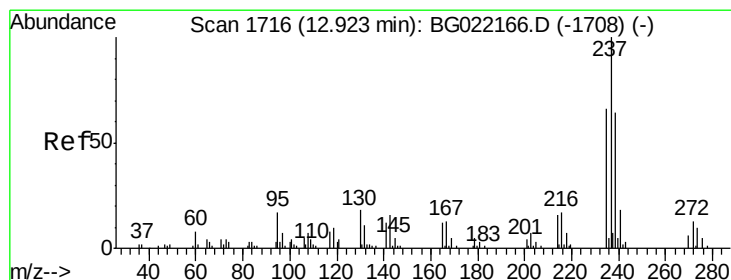
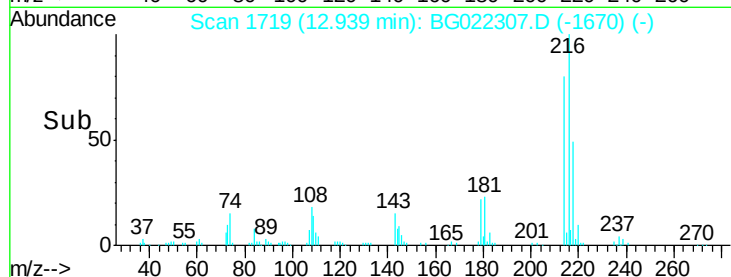
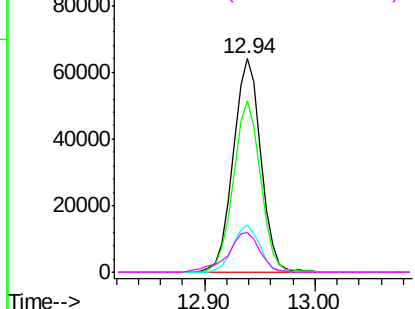
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	112610		
214	79.1	62.2	93.2	
179	21.6	16.7	25.1	
108	21.6	14.0	21.0	

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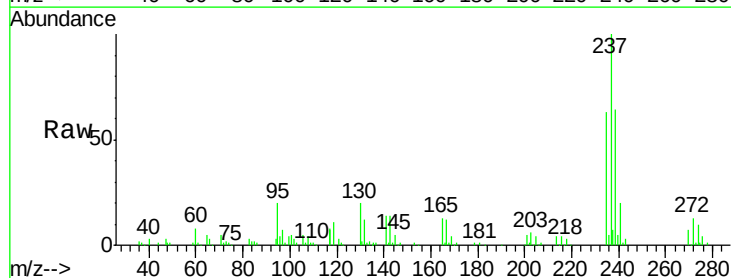


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

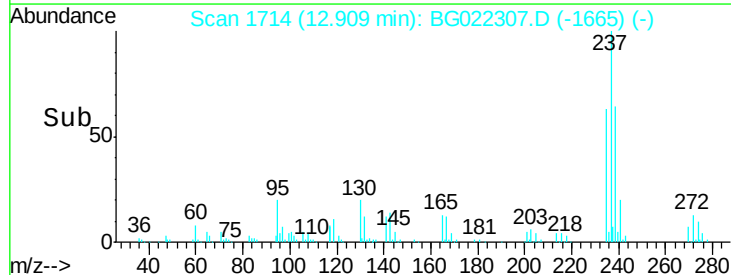
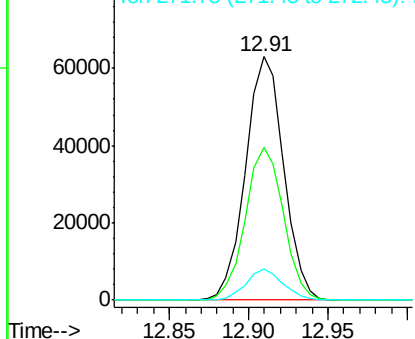


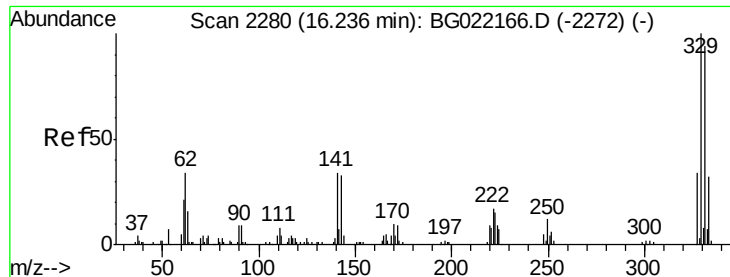
#40
 Hexachlorocyclopentadiene
 Concen: 92.92 ng
 RT: 12.91 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	105172		
235	62.6	43.2	83.2	
272	12.7	0.0	33.4	



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





#41

2,4,6-Tribromophenol

Concen: 117.56 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

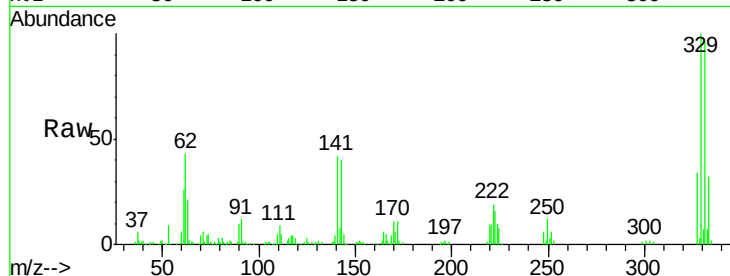
ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

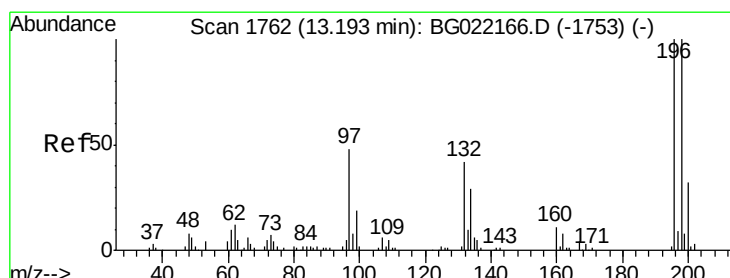
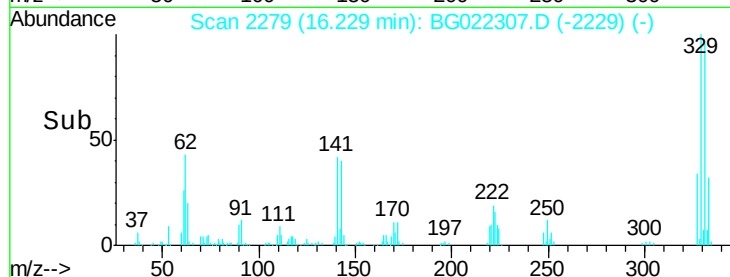
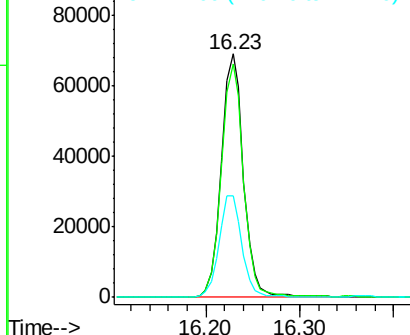
Tgt Ion:	330	Resp:	113480
Ion Ratio	Lower	Upper	
330	100		
332	96.3	78.0	117.0
141	43.1	33.8	50.8

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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: 55.85 ng

RT: 13.18 min Scan# 1760

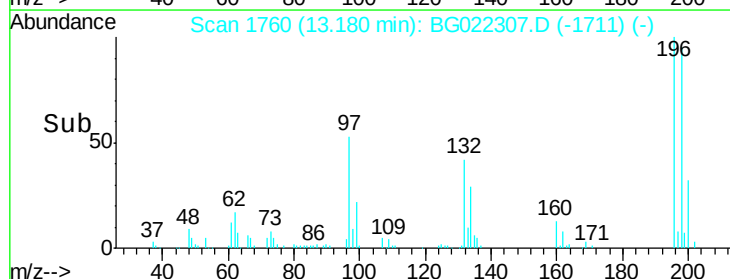
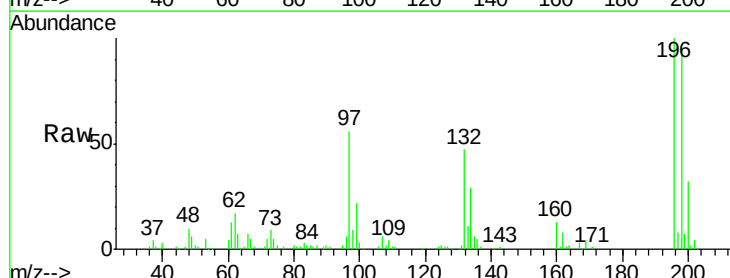
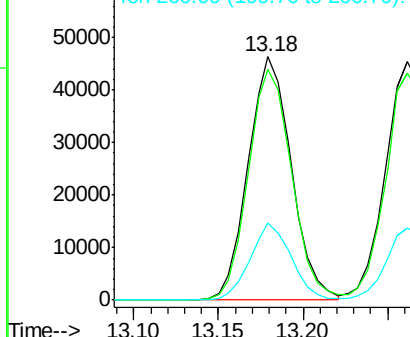
Delta R.T. -0.01 min

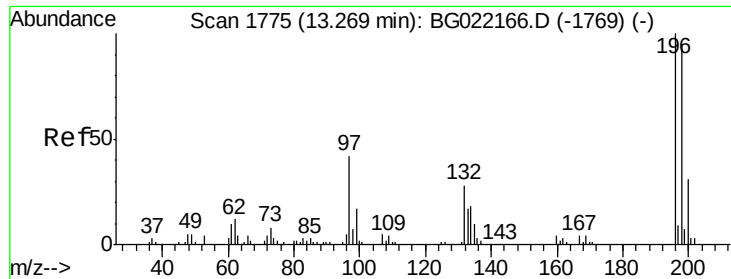
Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Tgt Ion:	196	Resp:	82400
Ion Ratio	Lower	Upper	
196	100		
198	94.6	80.1	120.1
200	31.7	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





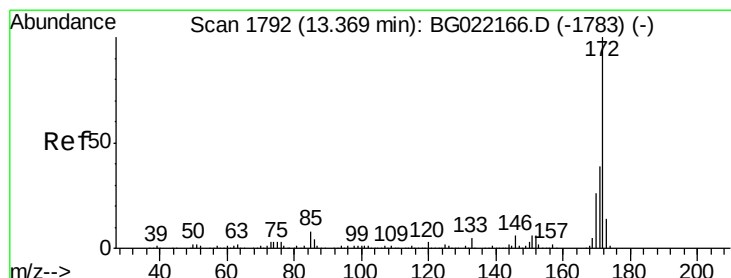
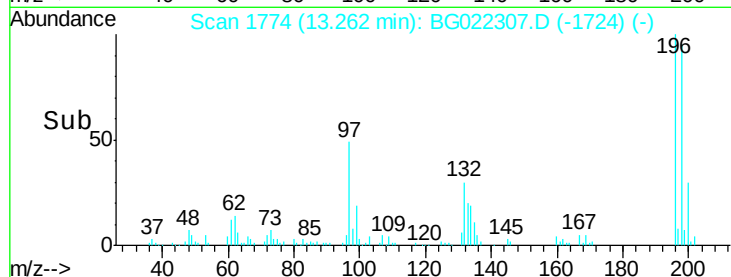
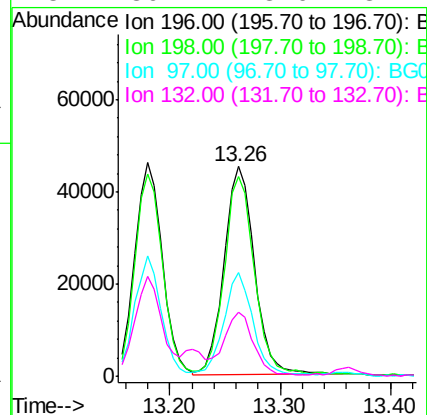
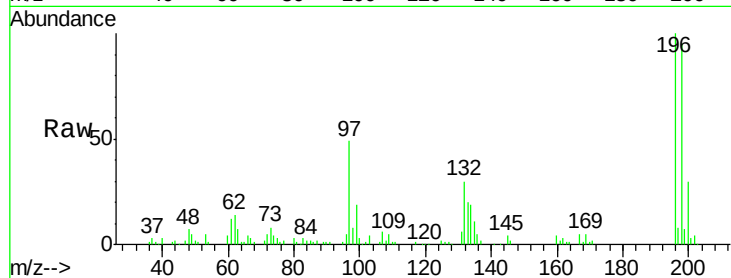
#43
 2,4,5-Trichlorophenol
 Concen: 53.66 ng
 RT: 13.26 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

Tgt Ion:	196	Resp:	87456
Ion Ratio	Lower	Upper	
196	100		
198	95.1	78.0	117.0
97	49.4	43.0	64.6
132	30.4	23.0	34.4

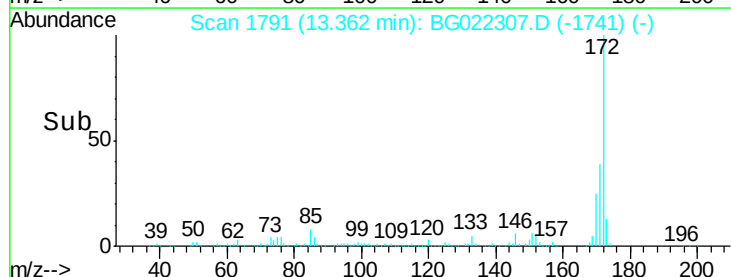
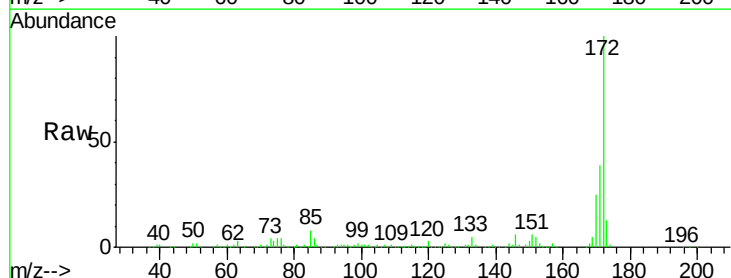
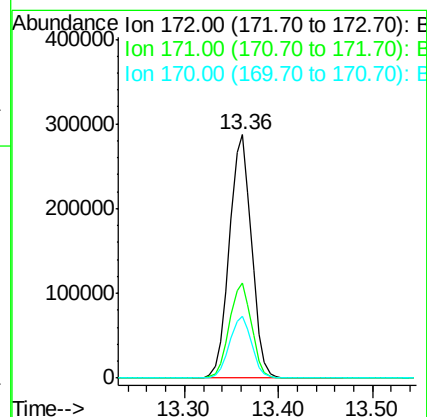
Manual Integrations
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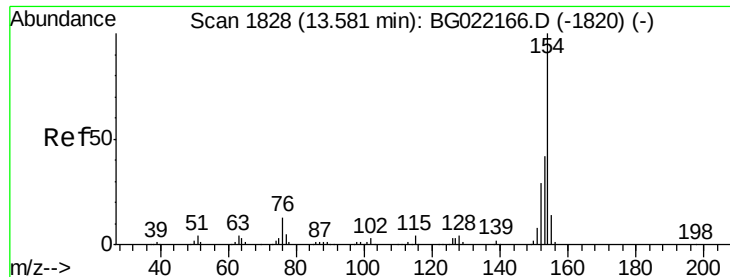
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#44
 2-Fluorobiphenyl
 Concen: 83.80 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion:	172	Resp:	469769
Ion Ratio	Lower	Upper	
172	100		
171	39.0	27.8	41.6
170	25.3	19.6	29.4





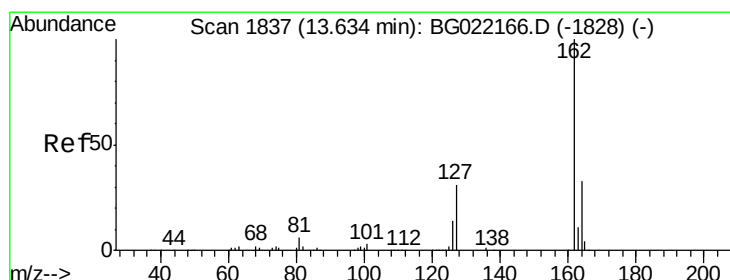
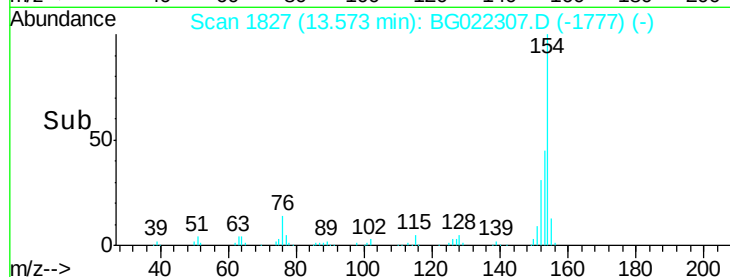
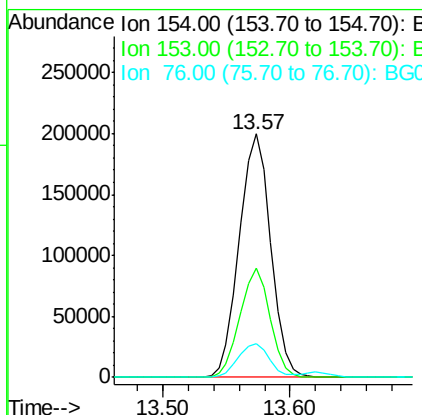
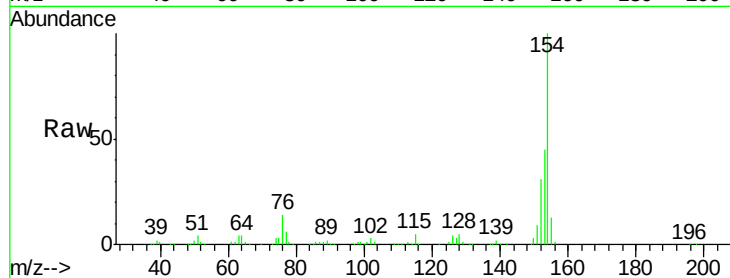
#45
1,1'-Biphenyl
Concen: 53.57 ng
RT: 13.57 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	344412		
153	44.8	19.7	59.7	
76	14.0	0.0	33.0	

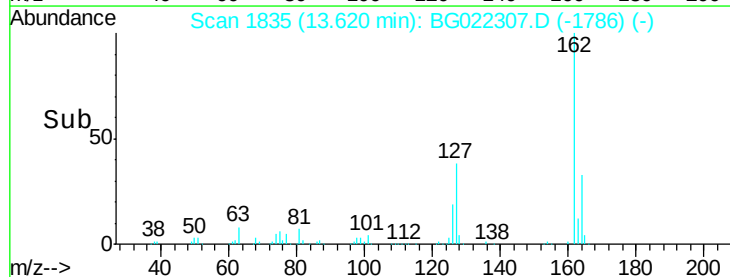
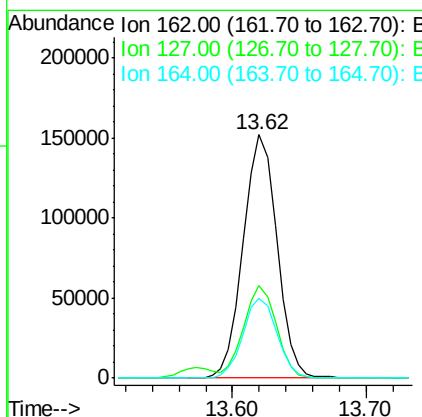
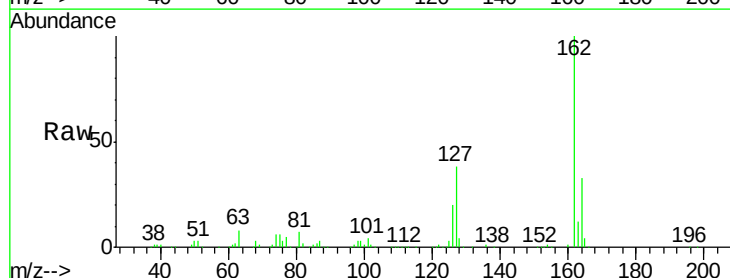
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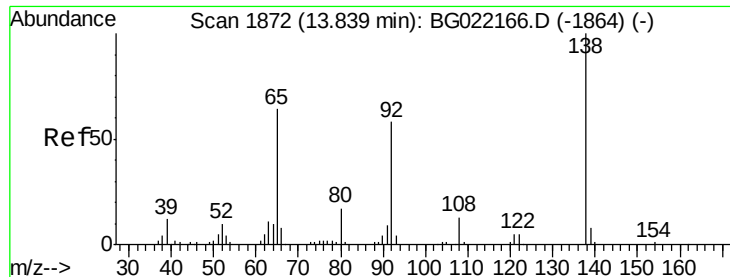
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#46
2-Chloronaphthalene
Concen: 53.91 ng
RT: 13.62 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	265717		
127	38.2	32.0	48.0	
164	32.6	27.0	40.4	





#47

2-Nitroaniline

Concen: 58.02 ng

RT: 13.83 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

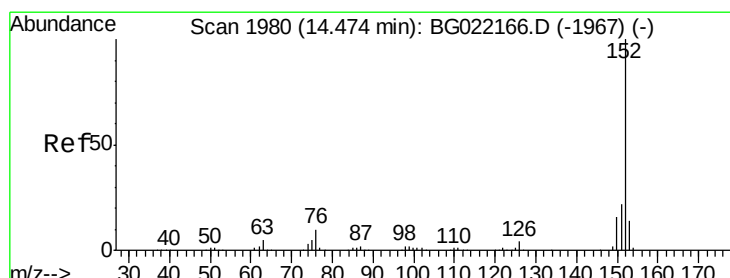
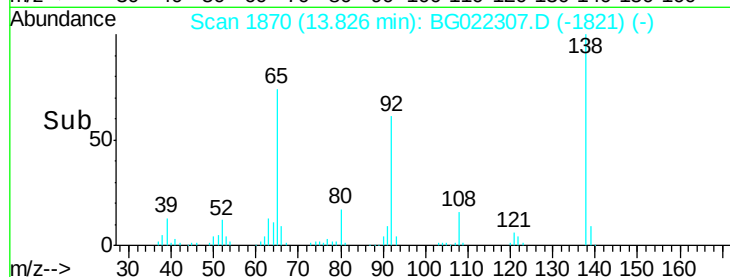
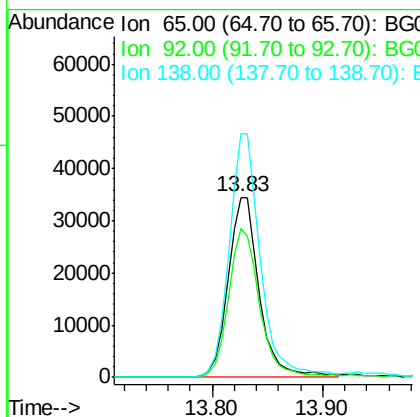
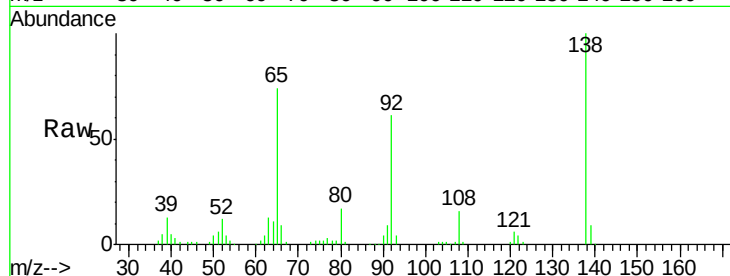
ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	68181		
92	82.5	49.2	73.8#	
138	135.2	75.0	112.6#	

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#48

Acenaphthylene

Concen: 51.18 ng

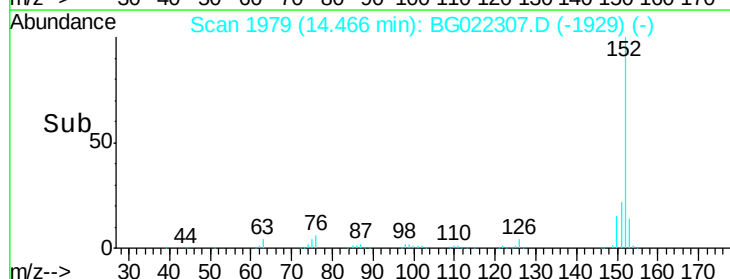
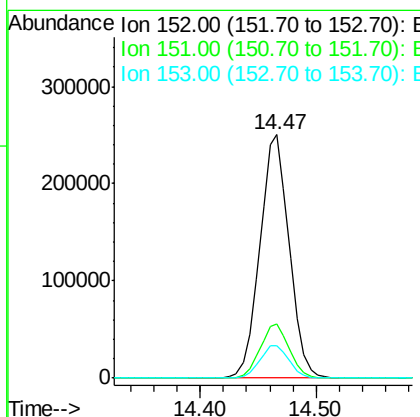
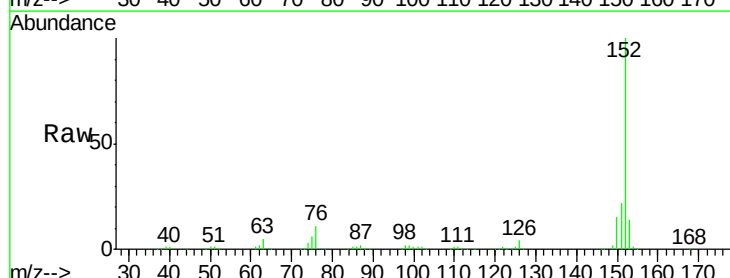
RT: 14.47 min Scan# 1979

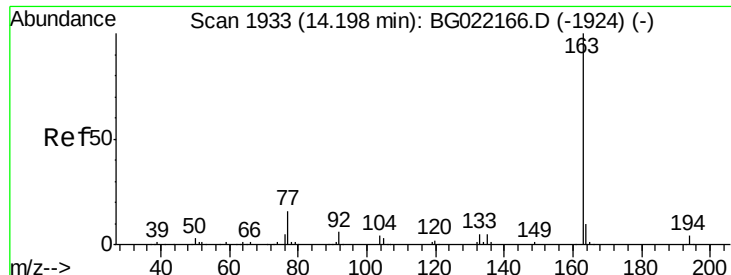
Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	442555		
151	22.2	16.6	24.8	
153	13.5	10.2	15.2	





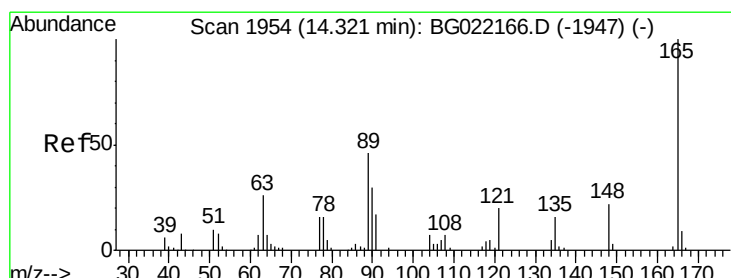
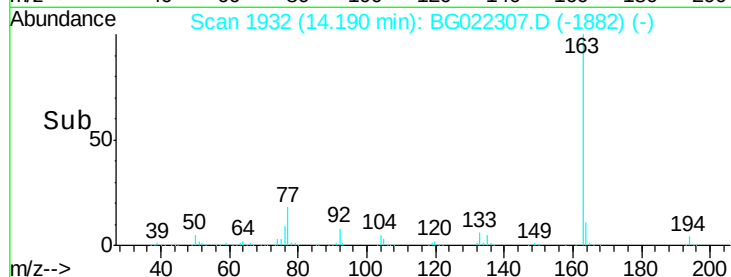
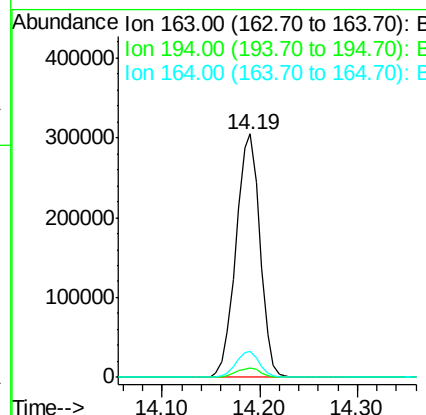
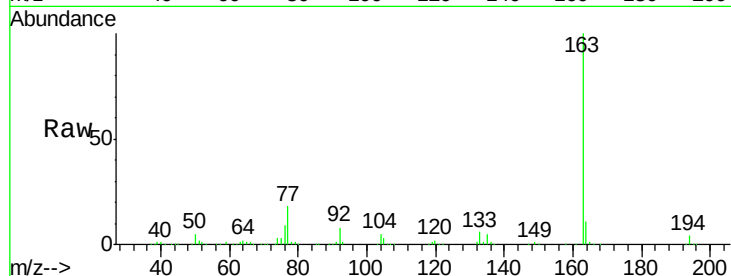
#49
Dimethylphthalate
Concen: 73.18 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.0	3.0	4.6
164	10.9	8.1	12.1

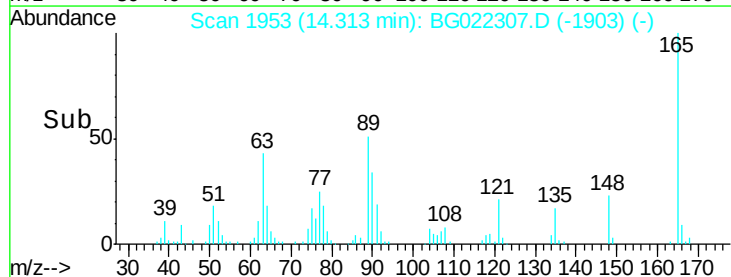
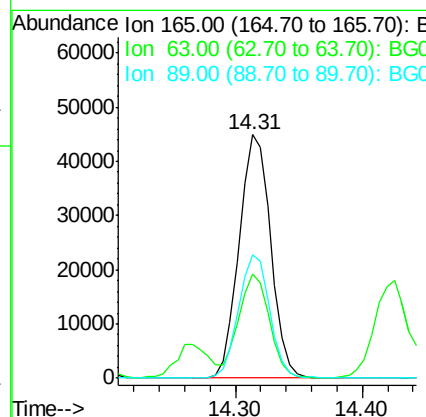
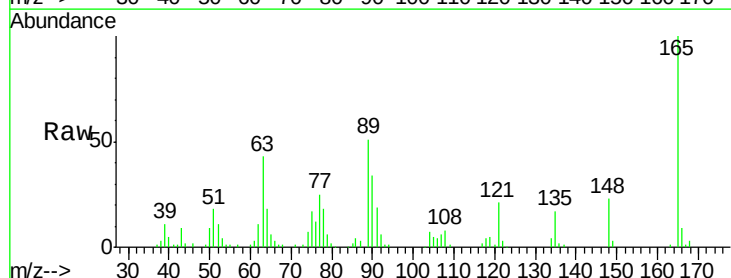
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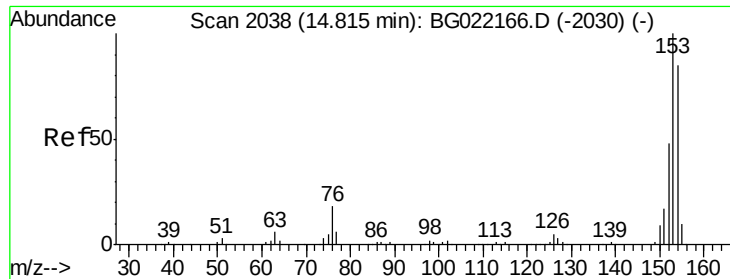
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#50
2,6-Dinitrotoluene
Concen: 50.18 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	42.8	48.2	72.4#
89	50.6	45.3	67.9





#51

Acenaphthene

Concen: 51.12 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BG022307.D

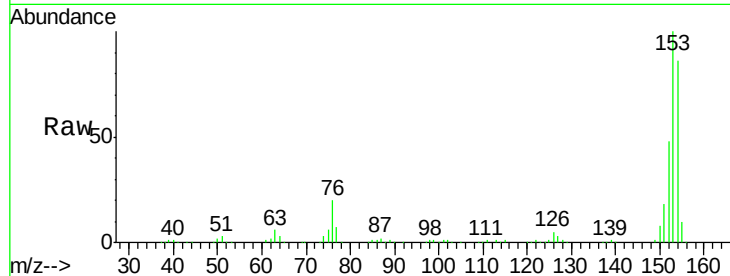
Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

ClientSampleId :

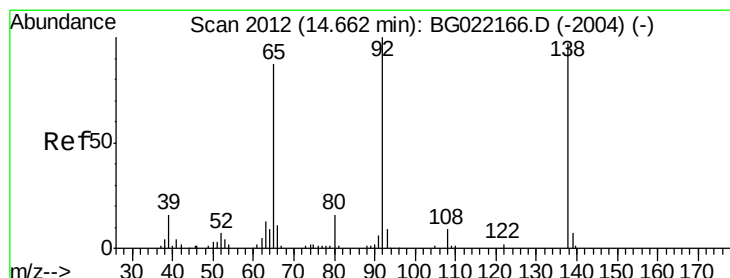
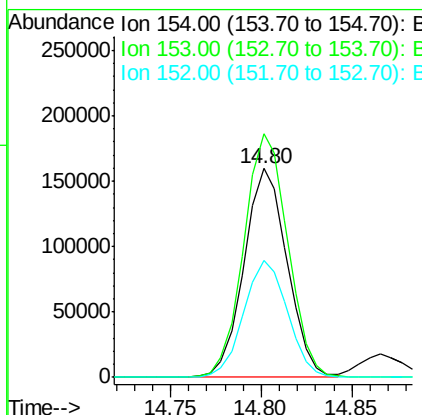
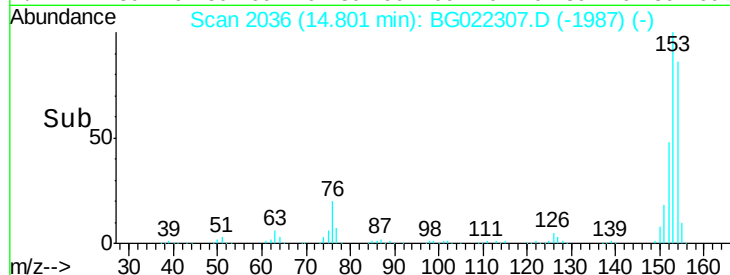
11-VE-PILE-WALL(0-2)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	264858		
153	116.6	91.9	137.9	
152	56.1	42.0	63.0	

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#52

3-Nitroaniline

Concen: 33.70 ng

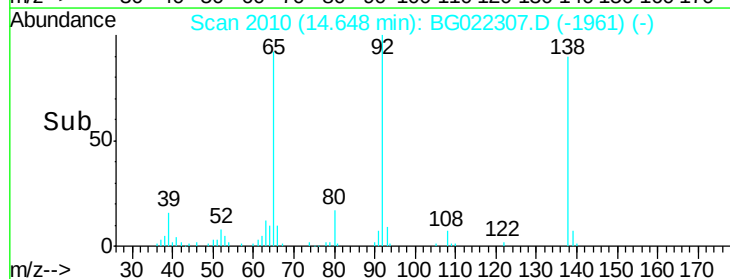
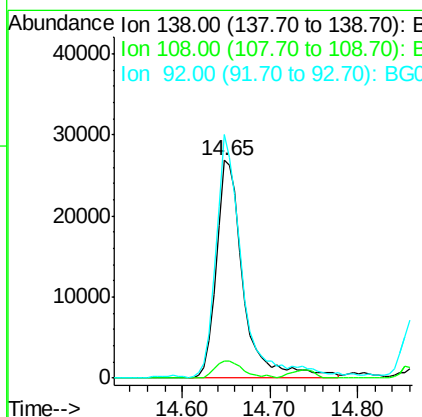
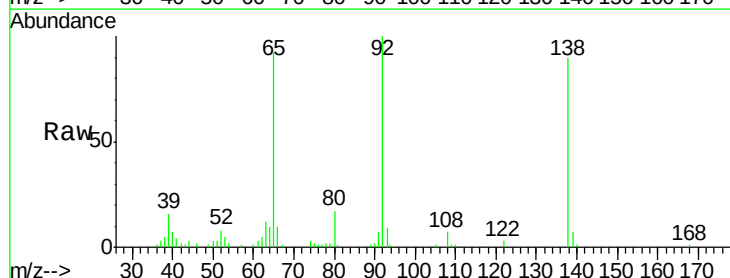
RT: 14.65 min Scan# 2010

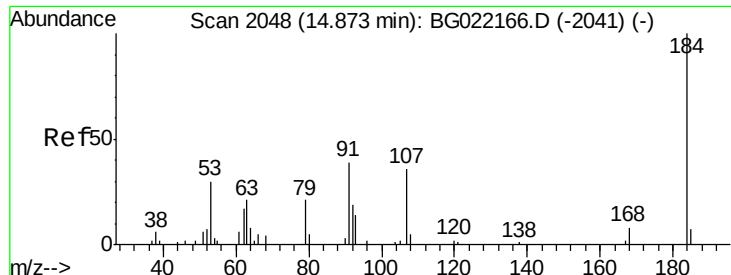
Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	57563		
108	8.0	9.1	13.7#	
92	111.7	102.6	154.0	





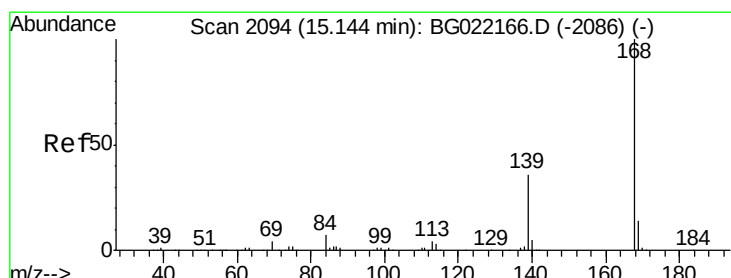
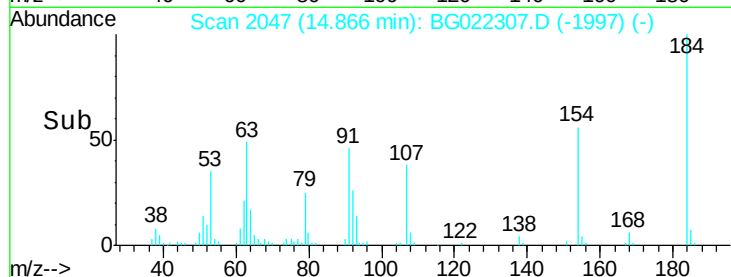
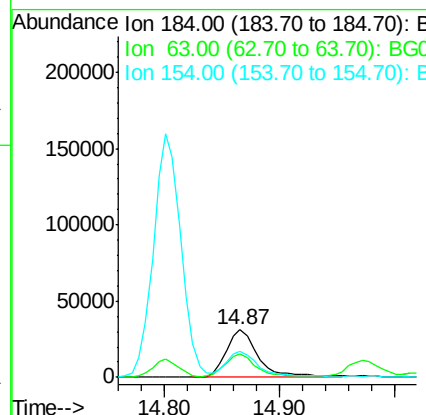
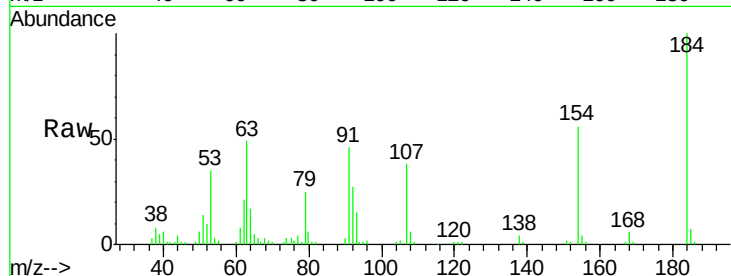
#53
 2,4-Dinitrophenol
 Concen: 94.54 ng
 RT: 14.87 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
63	49.0	57.3	85.9#
154	56.5	55.2	82.8

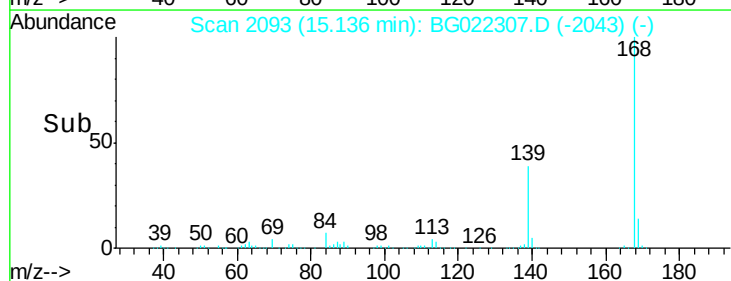
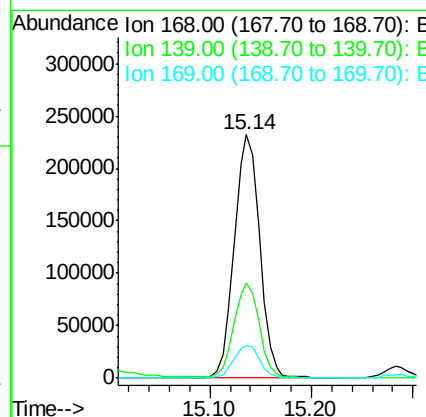
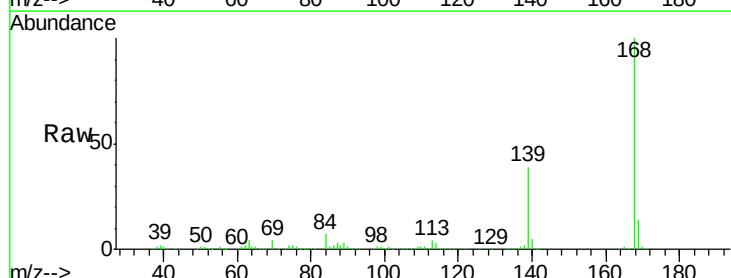
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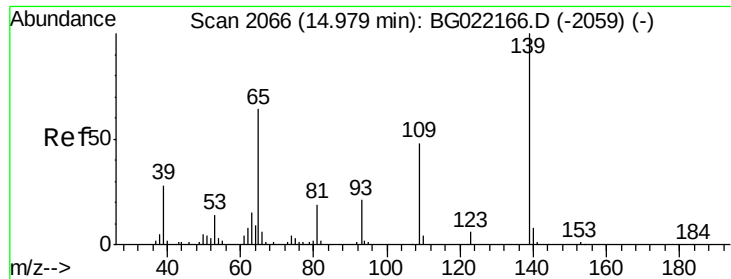
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#54
 Dibenzofuran
 Concen: 50.01 ng
 RT: 15.14 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
168	100		
139	39.1	31.1	46.7
169	13.6	11.0	16.6





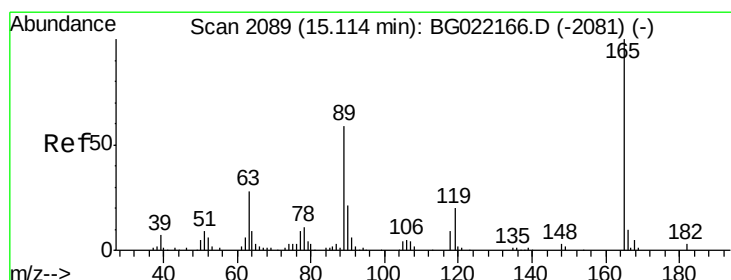
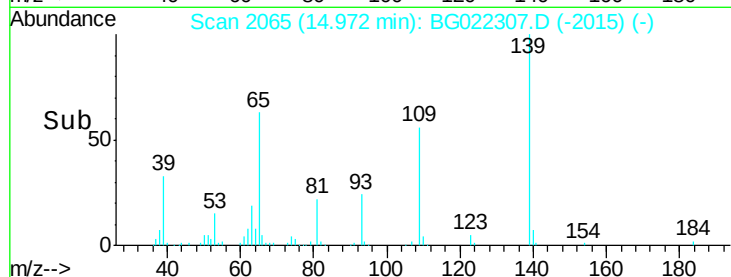
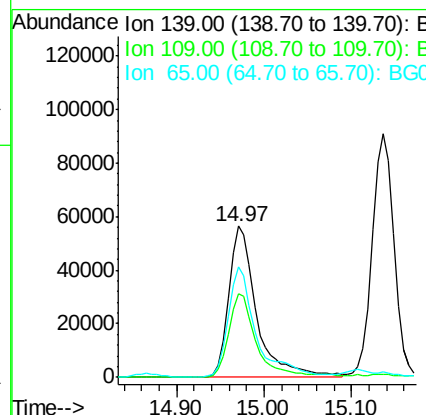
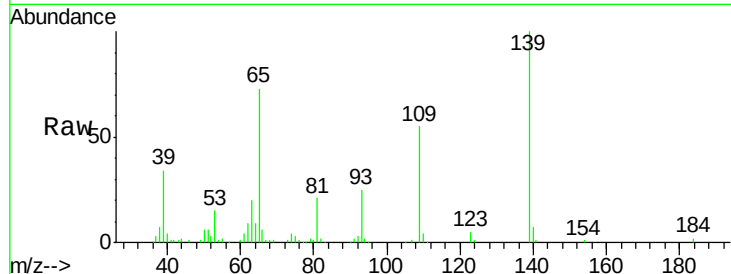
#55
4-Nitrophenol
Concen: 104.14 ng
RT: 14.97 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	122755		
109	55.3	49.2	89.2	
65	73.3	83.2	123.2	

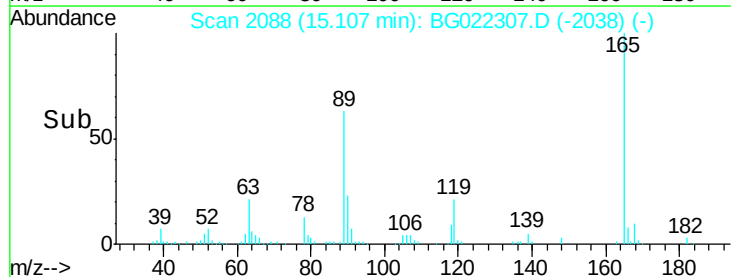
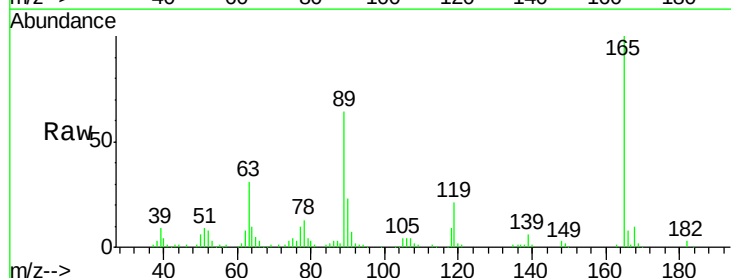
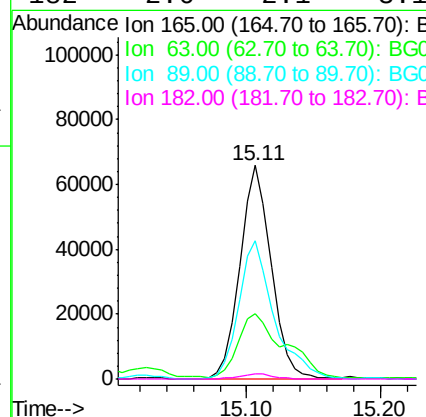
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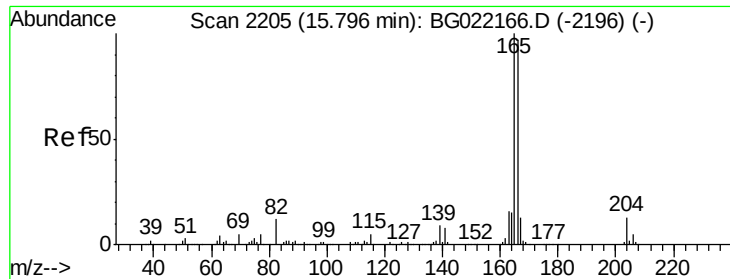
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#56
2,4-Dinitrotoluene
Concen: 51.83 ng
RT: 15.11 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	107062		
63	30.8	37.4	56.0	
89	64.5	59.4	89.0	
182	2.6	2.1	3.1	





#57

Fluorene

Concen: 49.28 ng

RT: 15.78 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG022307.D

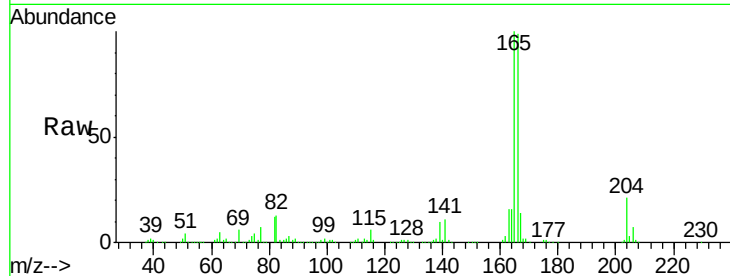
Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

ClientSampleId :

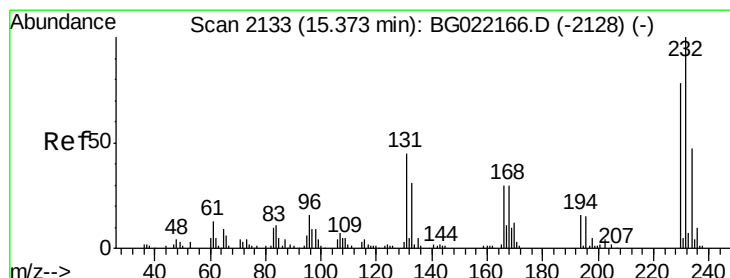
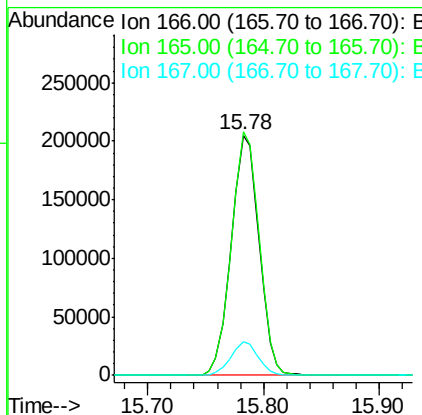
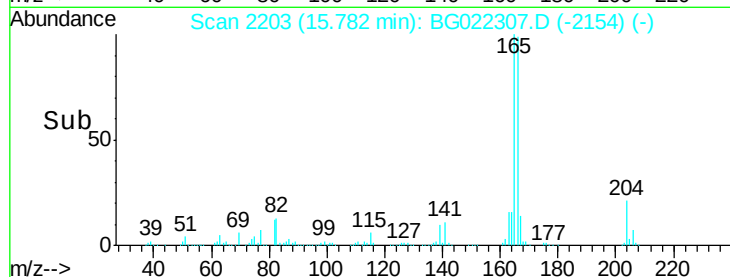
11-VE-PILE-WALL(0-2)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.4	79.0	118.4	
167	14.0	10.7	16.1	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.85 ng

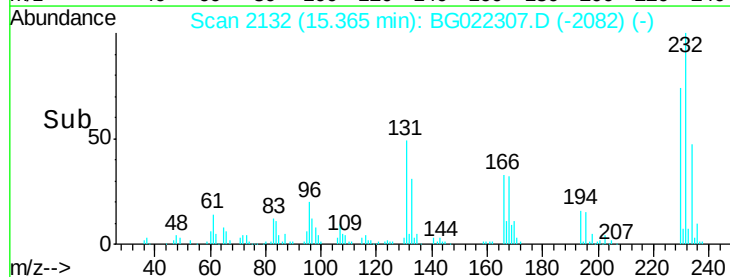
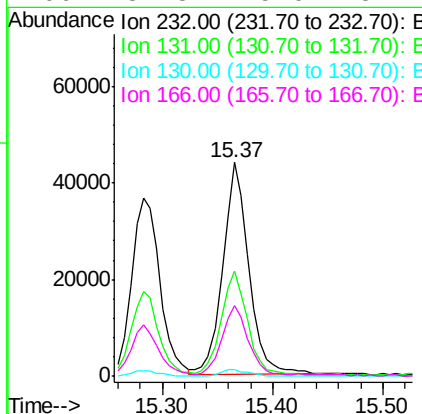
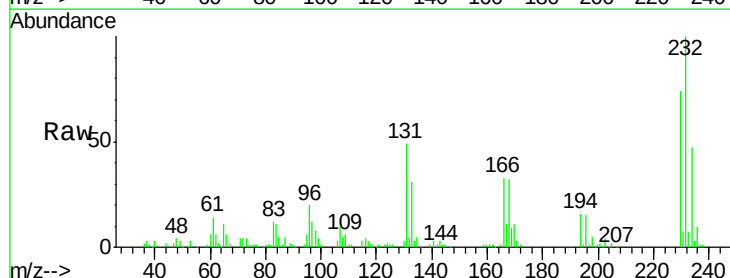
RT: 15.37 min Scan# 2132

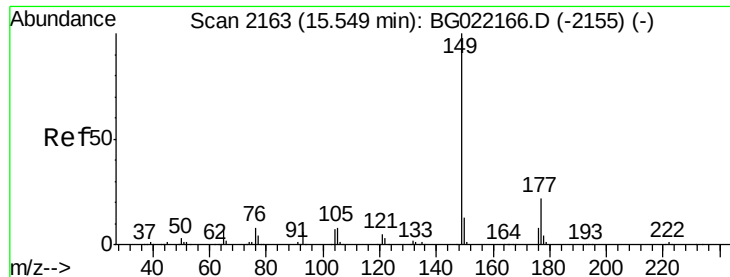
Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	48.4	36.3	54.5	
130	2.8	1.9	2.9	
166	34.8	25.0	37.4	





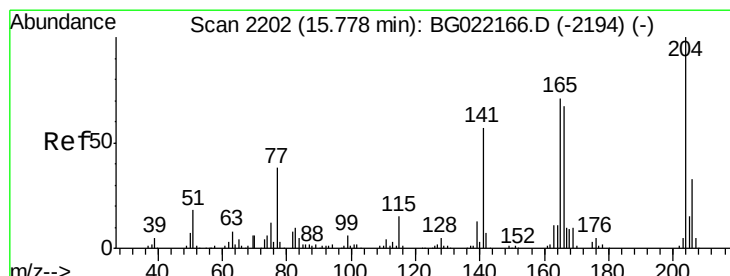
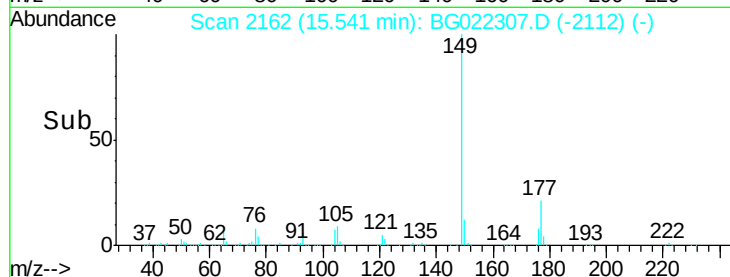
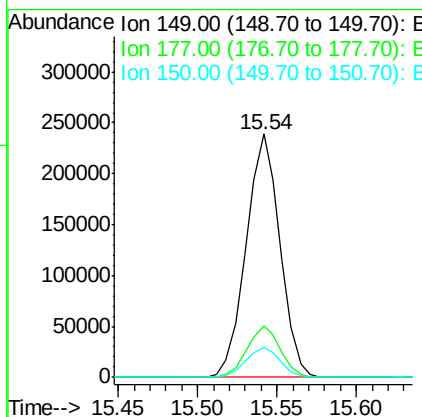
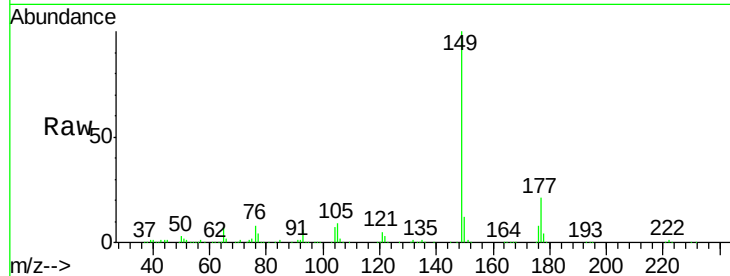
#59
Diethylphthalate
Concen: 46.65 ng
RT: 15.54 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.2	17.3	25.9
150	12.1	9.7	14.5

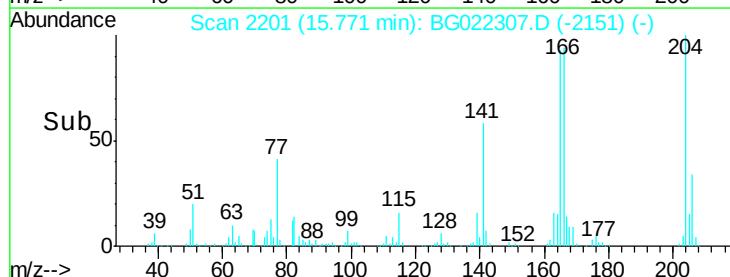
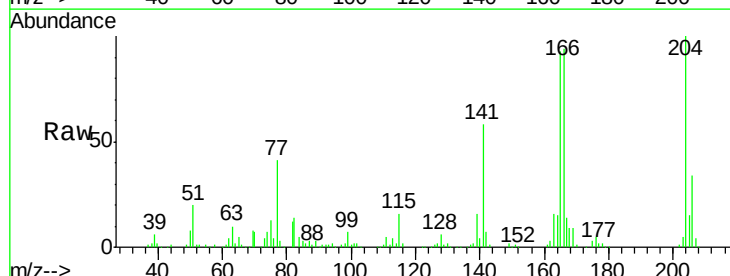
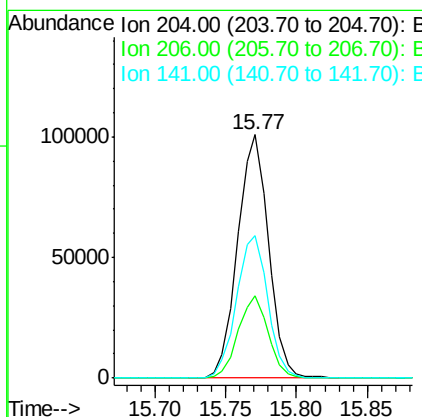
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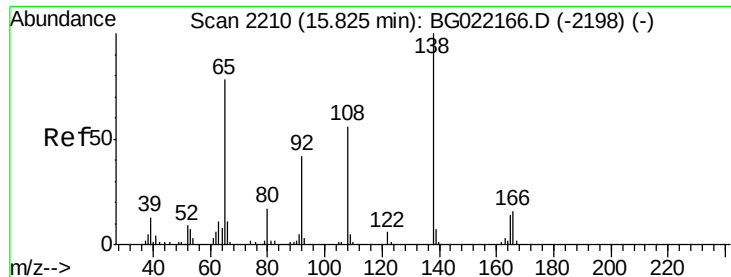
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#60
4-Chlorophenyl-phenylether
Concen: 49.15 ng
RT: 15.77 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.7	27.8	41.8
141	58.3	51.0	76.4





#61

4-Nitroaniline

Concen: 44.44 ng

RT: 15.82 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG022307.D

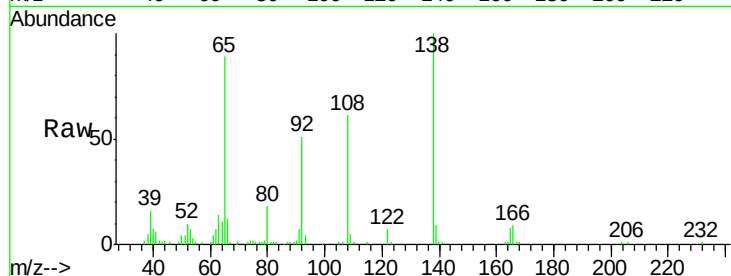
Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

ClientSampleId :

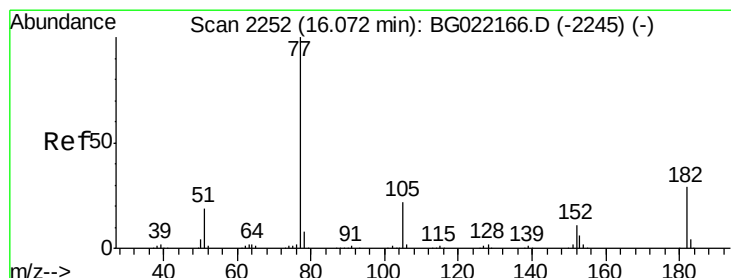
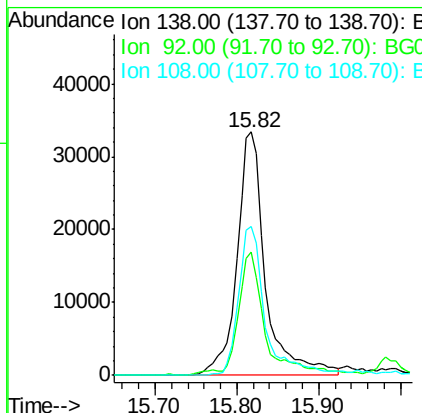
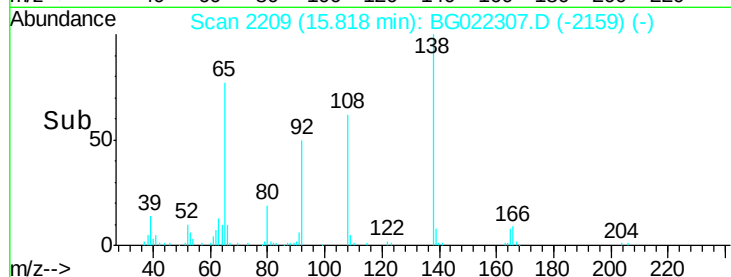
11-VE-PILE-WALL(0-2)MSD



Tgt Ion:	138	Resp:	80503
Ion Ratio	Lower	Upper	
138	100		
92	50.9	37.7	77.7
108	61.3	59.4	99.4

Manual Integrations
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#62

Azobenzene

Concen: 54.04 ng

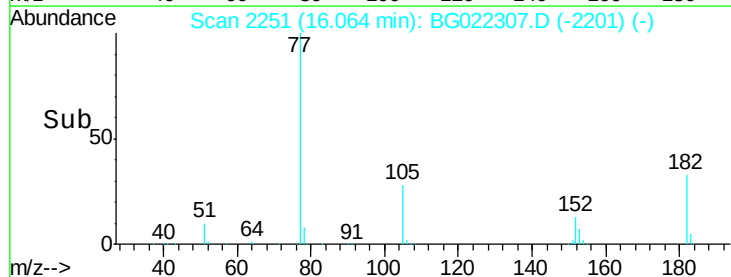
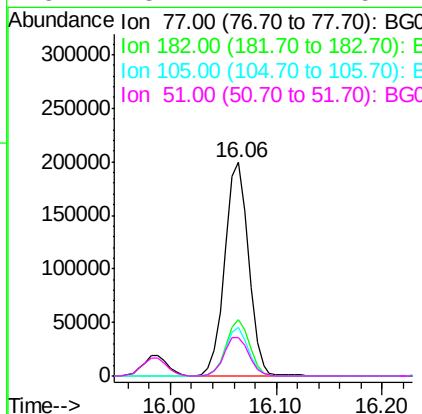
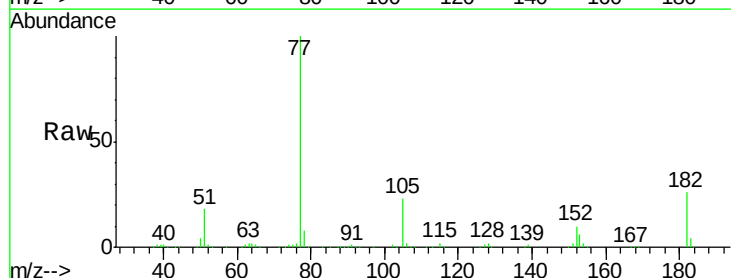
RT: 16.06 min Scan# 2251

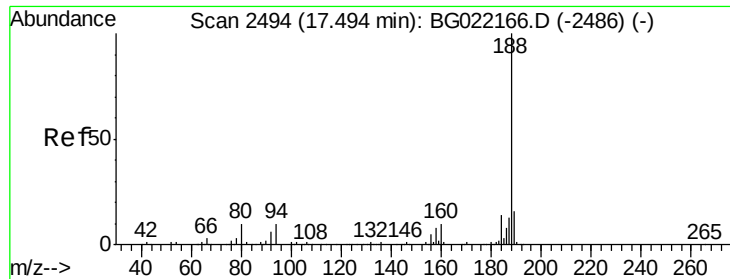
Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Tgt Ion:	77	Resp:	309642
Ion Ratio	Lower	Upper	
77	100		
182	26.4	4.1	44.1
105	22.6	0.0	39.8
51	18.1	11.1	51.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

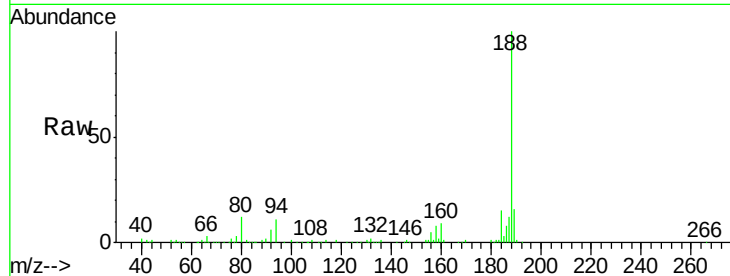
ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

Tgt Ion:	188	Resp:	181008
Ion Ratio	Lower	Upper	
188	100		
94	10.8	7.5	11.3
80	11.6	8.6	13.0

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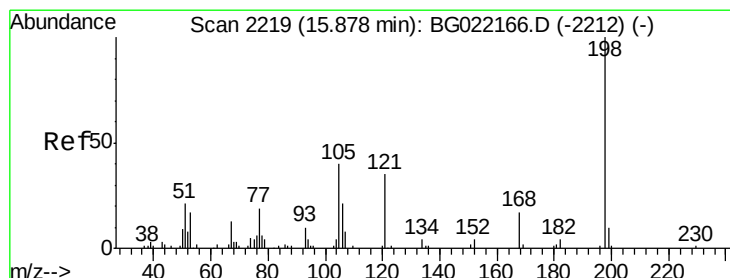
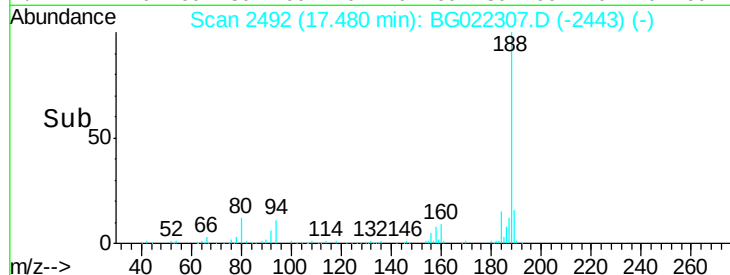
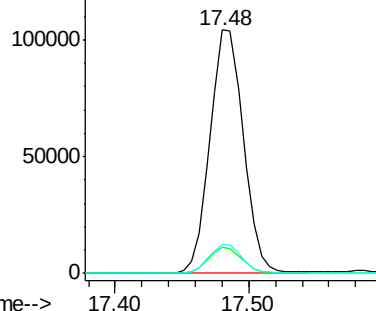
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 55.05 ng

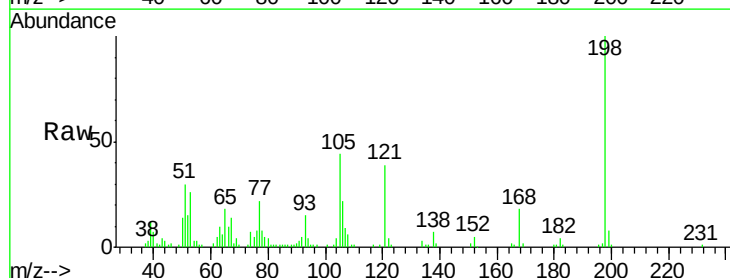
RT: 15.87 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

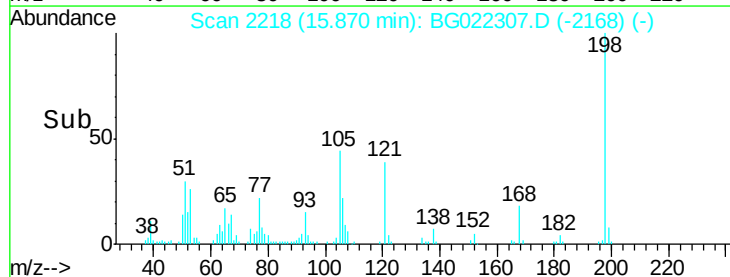
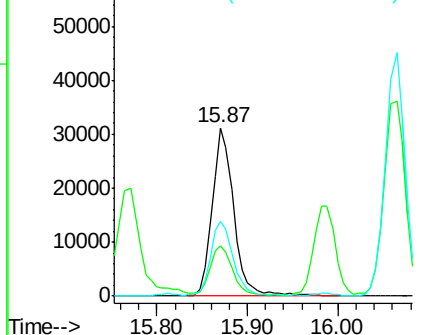
Tgt Ion:	198	Resp:	51359
Ion Ratio	Lower	Upper	
198	100		
51	29.7	29.2	69.2
105	44.4	24.0	64.0

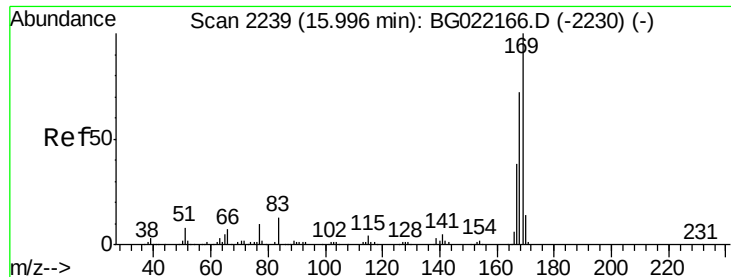


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 54.71 ng

RT: 15.99 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

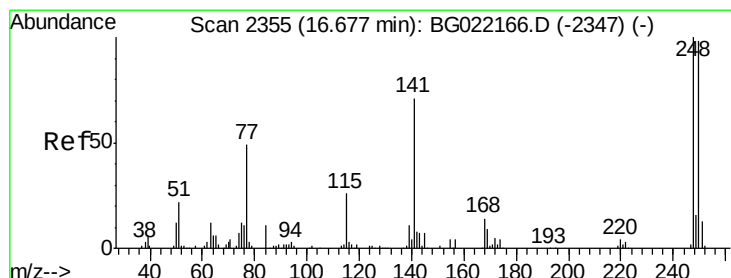
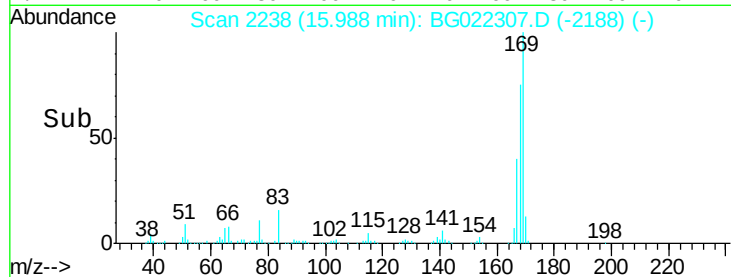
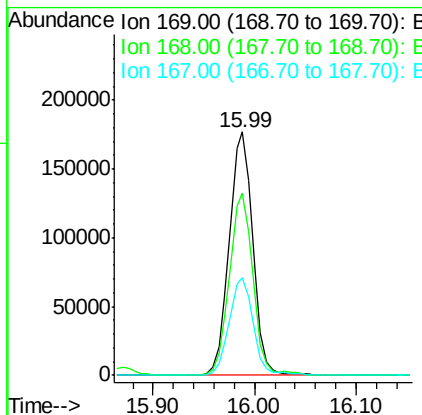
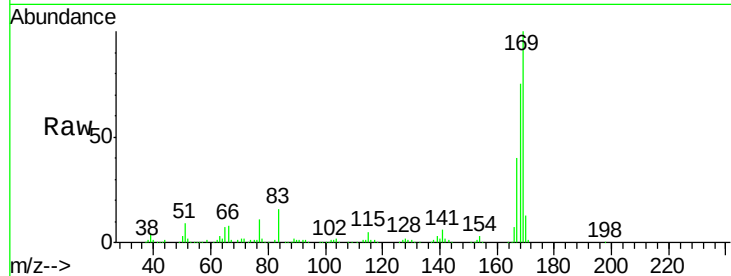
ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

Tgt	Ion:169	Resp:	285269
Ion	Ratio	Lower	Upper
169	100		
168	75.0	59.6	89.4
167	40.2	31.2	46.8

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 52.37 ng

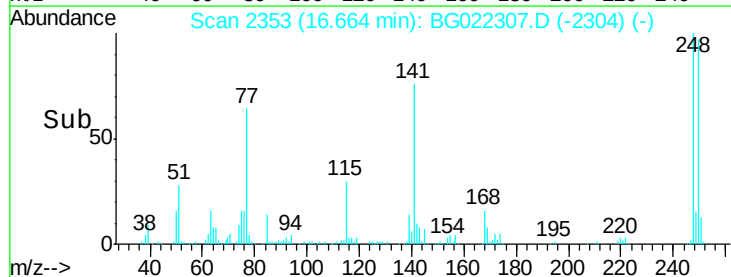
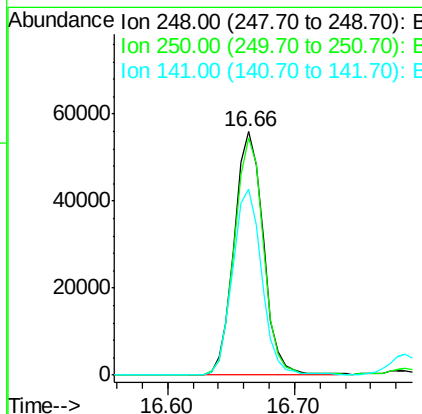
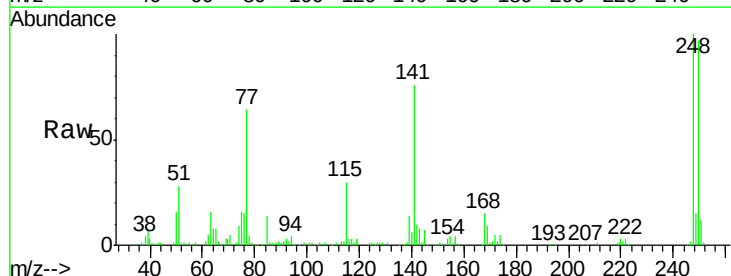
RT: 16.66 min Scan# 2353

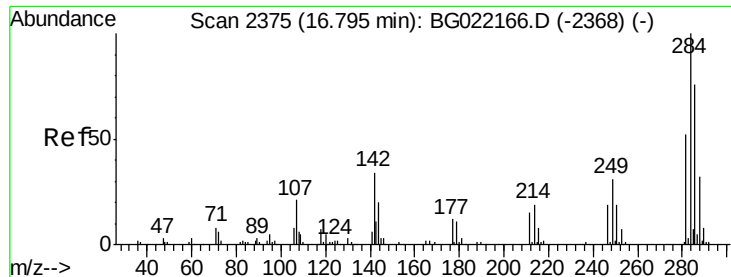
Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Tgt	Ion:248	Resp:	88818
Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.6	114.8
141	76.4	63.8	95.6





#67

Hexachlorobenzene

Concen: 48.57 ng

RT: 16.79 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG022307.D

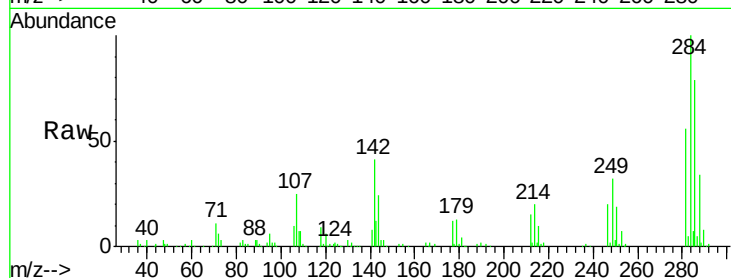
Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

ClientSampleId :

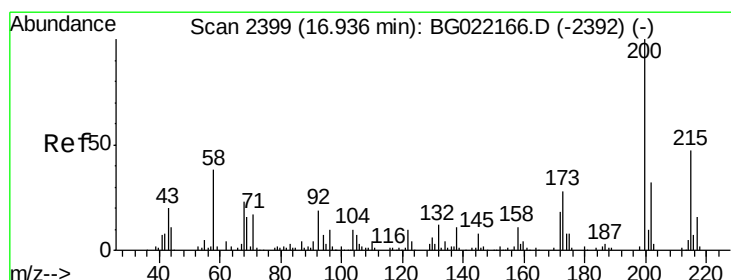
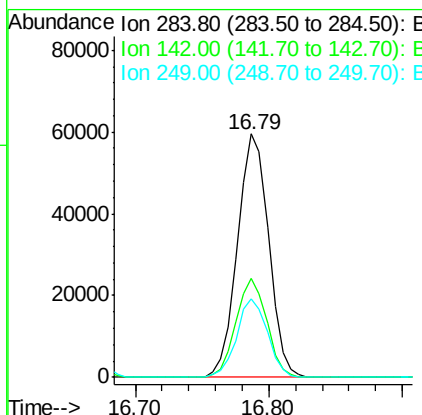
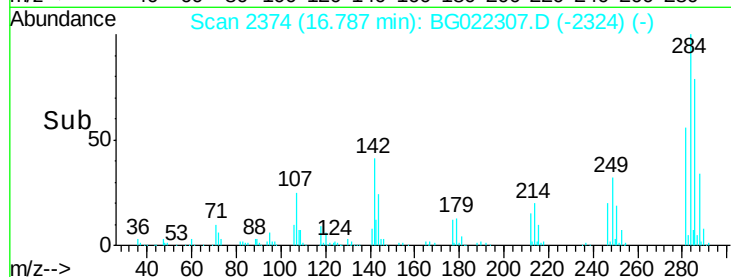
11-VE-PILE-WALL(0-2)MSD



Tgt Ion:	284	Resp:	96017
Ion Ratio	Lower	Upper	
284	100		
142	40.6	31.8	47.6
249	34.9	27.3	40.9

Manual Integrations
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#68

Atrazine

Concen: 47.42 ng

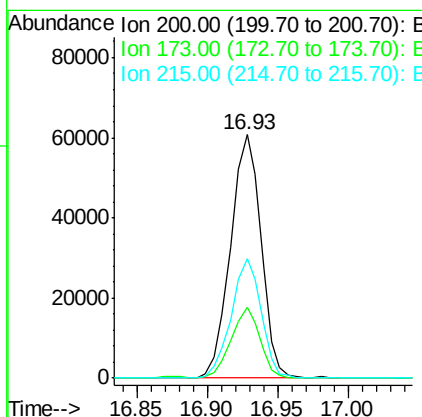
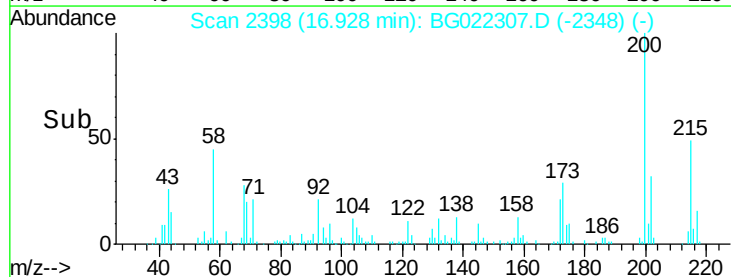
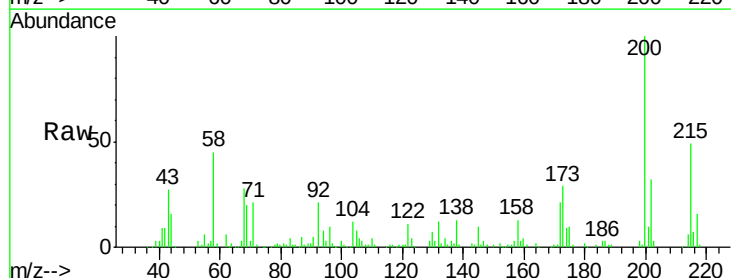
RT: 16.93 min Scan# 2398

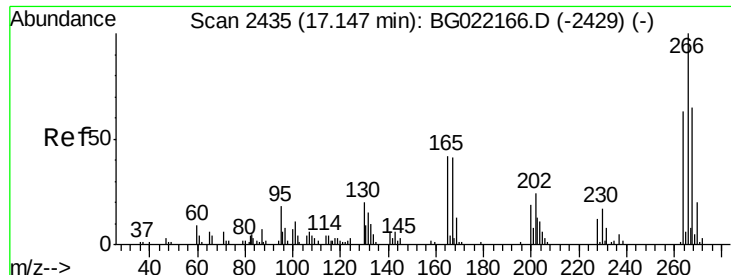
Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Tgt Ion:	200	Resp:	91528
Ion Ratio	Lower	Upper	
200	100		
173	29.3	5.1	45.1
215	49.0	28.0	68.0





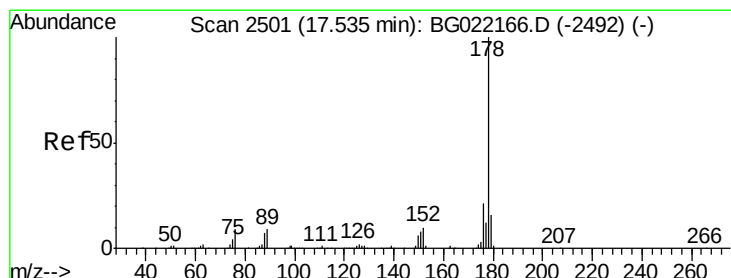
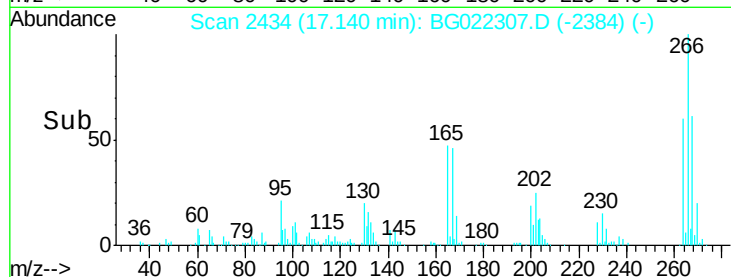
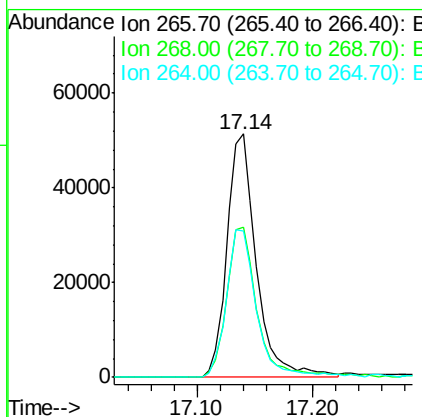
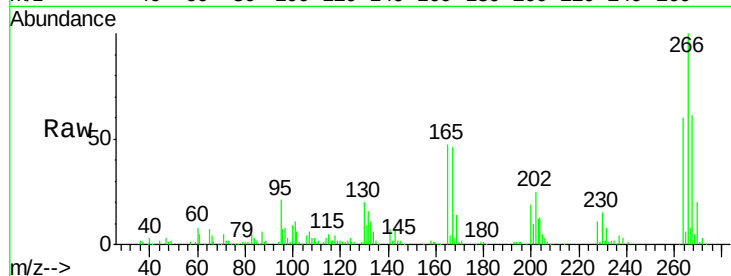
#69
 Pentachlorophenol
 Concen: 99.67 ng
 RT: 17.14 min Scan# 2434
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.0	54.5	81.7
264	65.8	53.8	80.6

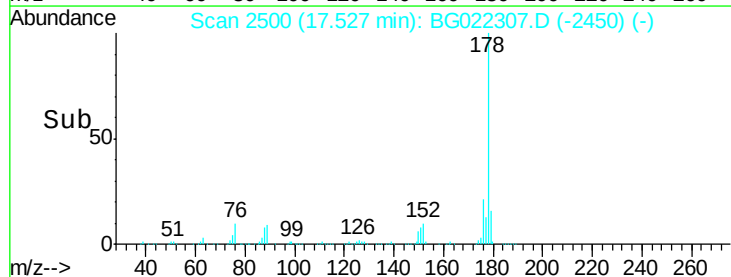
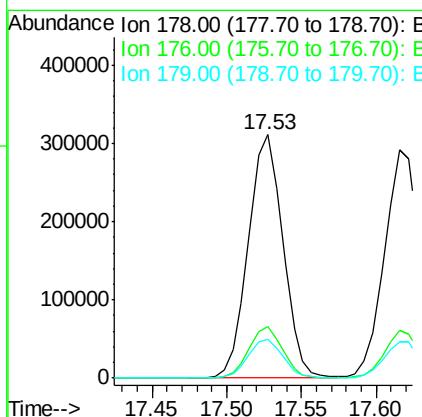
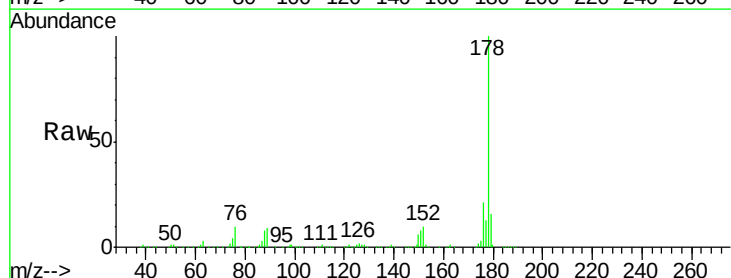
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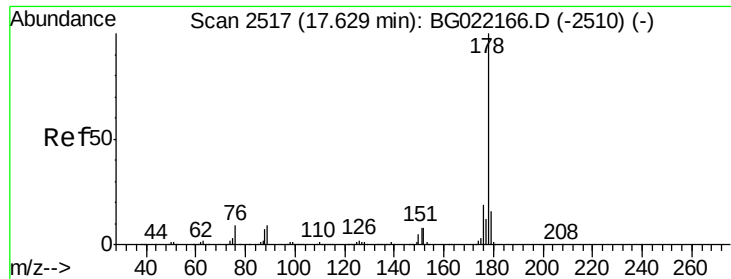
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#70
 Phenanthrene
 Concen: 50.90 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	21.1	16.2	24.4
179	16.1	12.0	18.0





#71

Anthracene

Concen: 50.47 ng

RT: 17.62 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

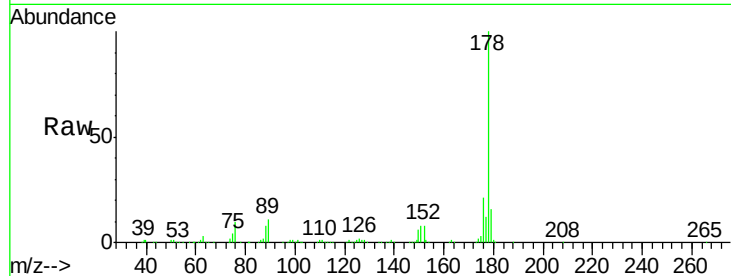
ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

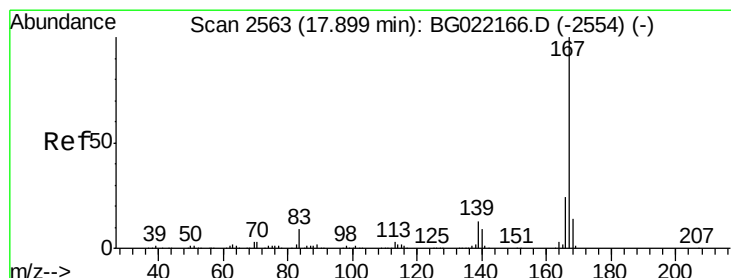
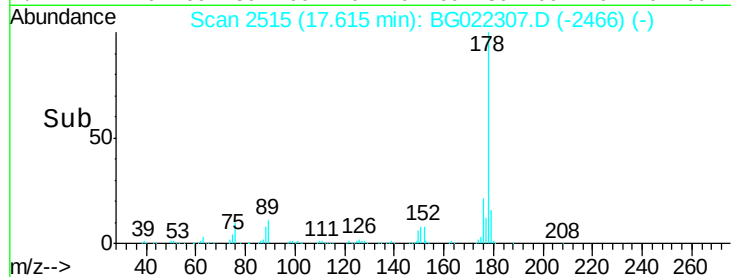
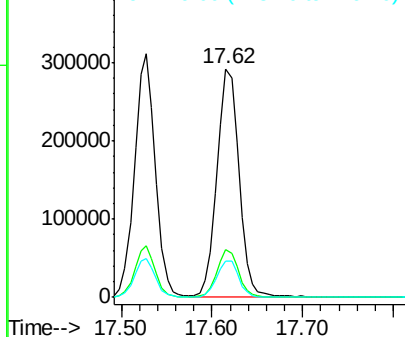
Tgt Ion:	178	Resp:	492132
Ion Ratio	Lower	Upper	
178	100		
176	20.9	15.0	22.4
179	16.1	12.2	18.4

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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



#72

Carbazole

Concen: 50.77 ng

RT: 17.89 min Scan# 2561

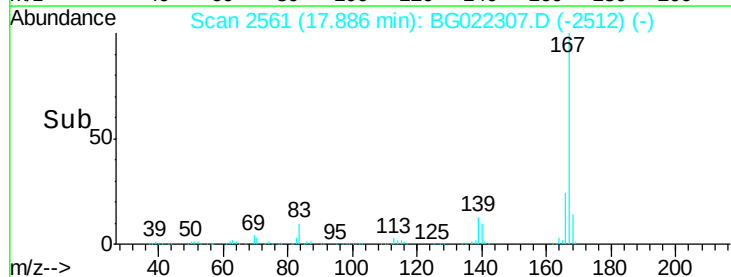
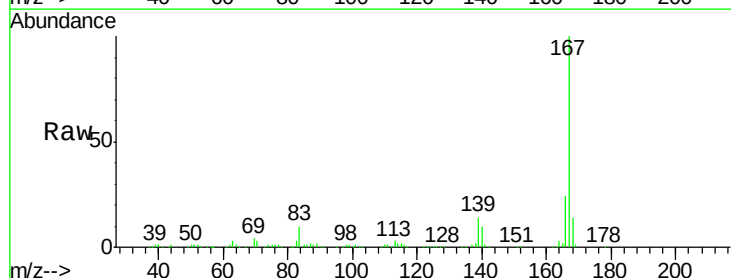
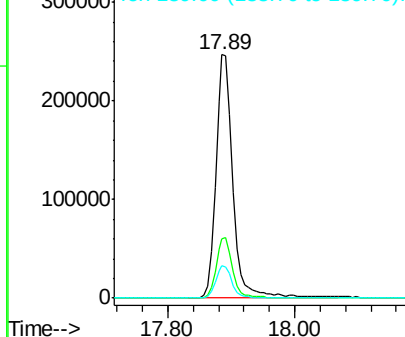
Delta R.T. -0.01 min

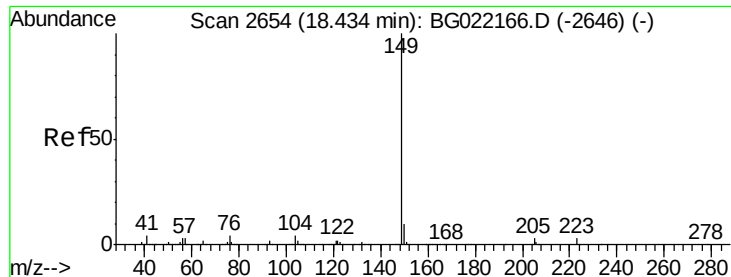
Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Tgt Ion:	167	Resp:	468832
Ion Ratio	Lower	Upper	
167	100		
166	24.4	18.6	27.8
139	13.5	10.6	15.8

Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





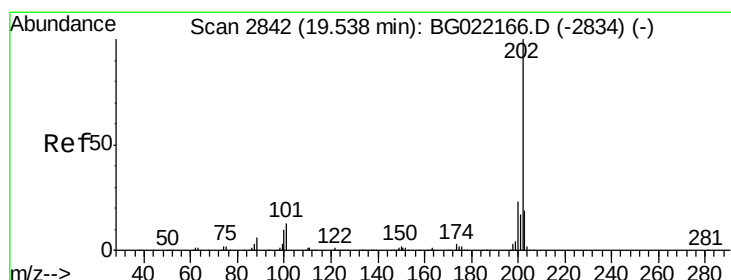
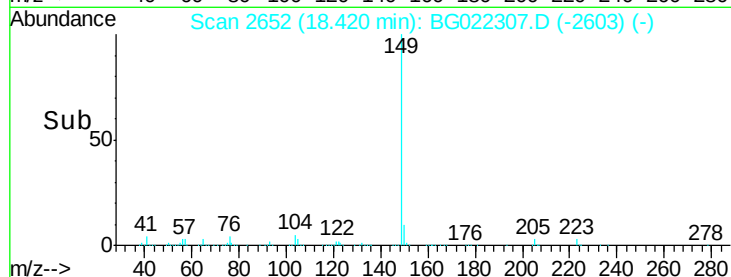
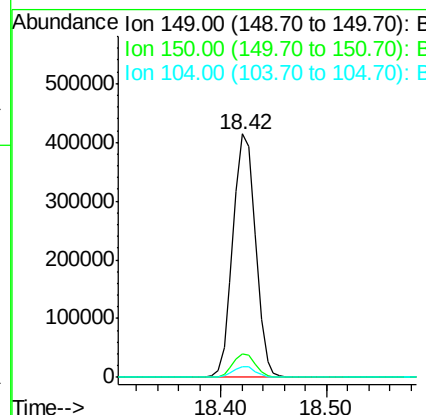
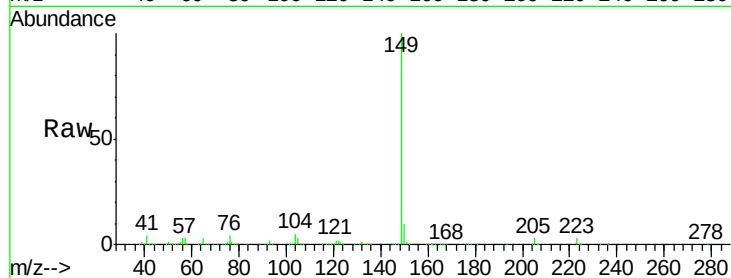
#73
Di-n-butylphthalate
Concen: 50.69 ng
RT: 18.42 min Scan# 2652
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	611956		
150	9.7		7.4	11.0
104	4.5		4.0	6.0

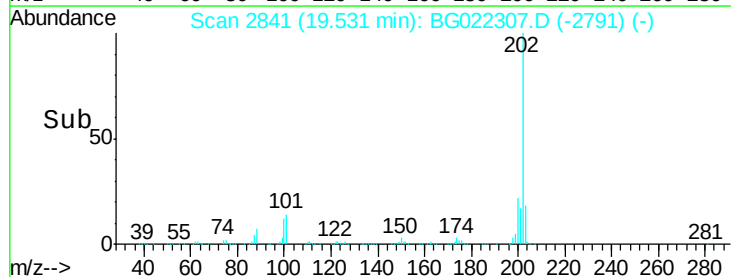
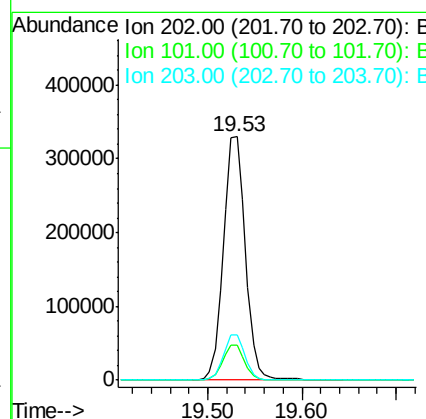
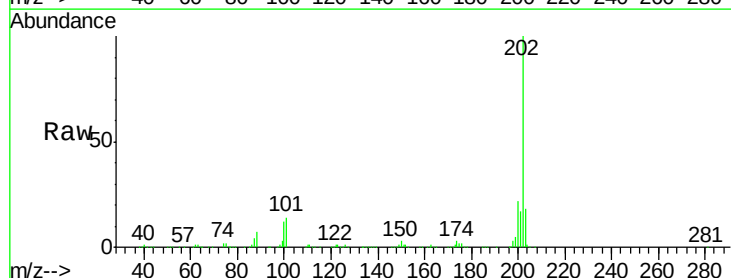
Manual Integrations
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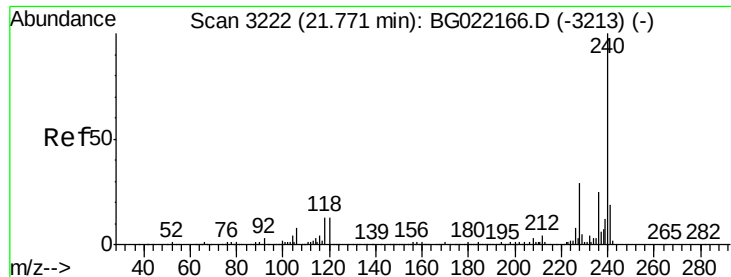
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#74
Fluoranthene
Concen: 47.74 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	539581		
101	14.1		0.0	31.0
203	18.4		0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

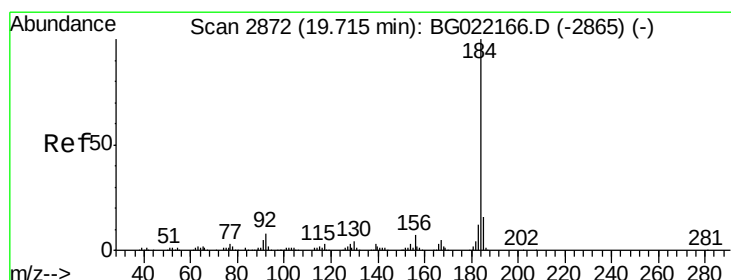
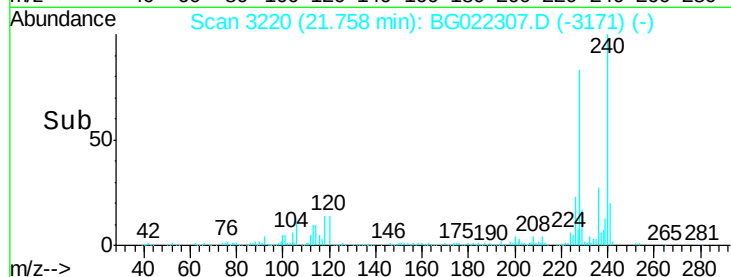
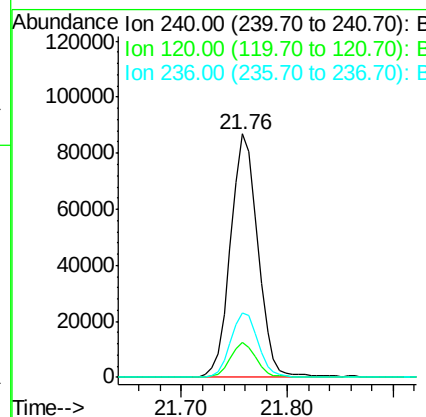
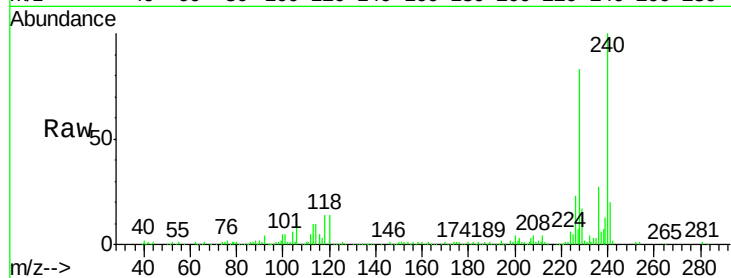
ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

Tgt Ion:	240	Resp:	155715
Ion Ratio		Lower	Upper
240	100		
120	14.3	8.4	12.6#
236	26.6	19.6	29.4

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#76

Benzidine

Concen: 12.15 ng

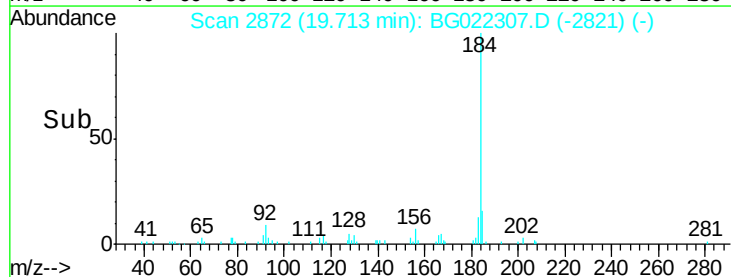
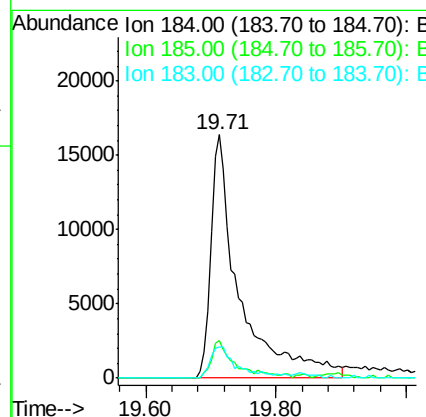
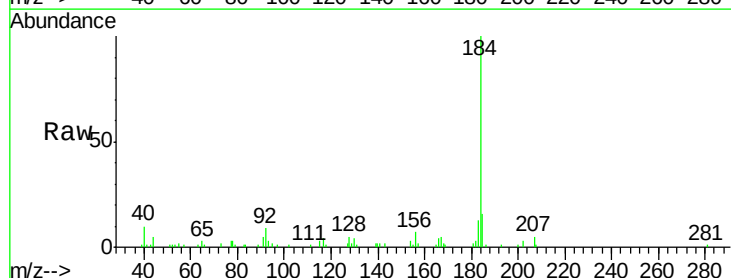
RT: 19.71 min Scan# 2872

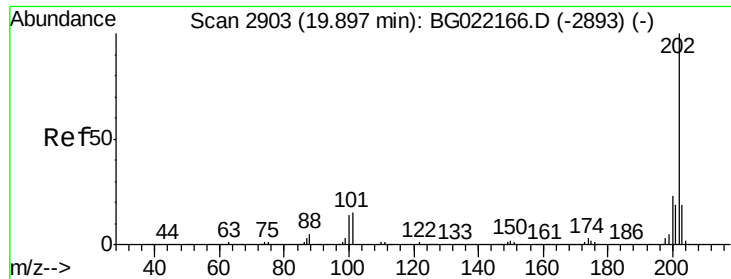
Delta R.T. -0.00 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Tgt Ion:	184	Resp:	49484
Ion Ratio		Lower	Upper
184	100		
185	15.6	11.5	17.3
183	12.7	10.2	15.4





#77

Pyrene

Concen: 55.45 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

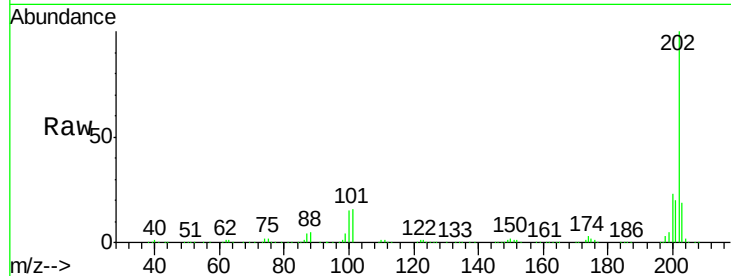
ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

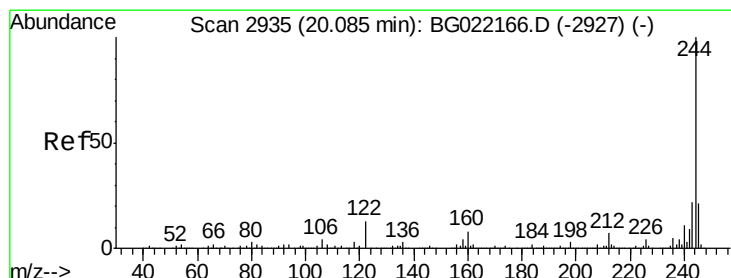
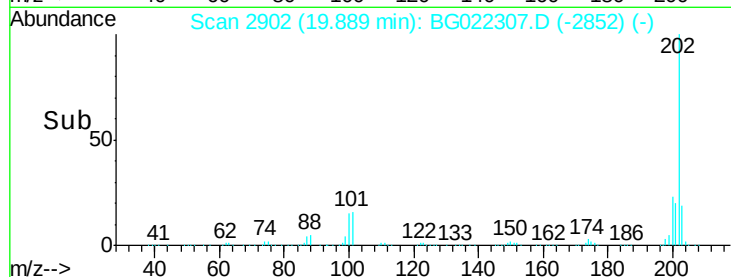
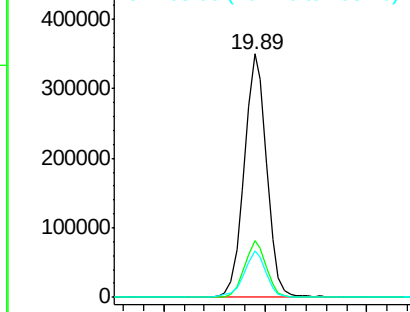
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	23.2	18.2	27.2
203	19.2	15.0	22.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 88.93 ng

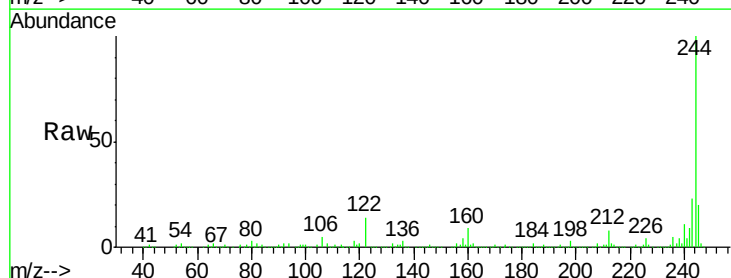
RT: 20.08 min Scan# 2934

Delta R.T. -0.01 min

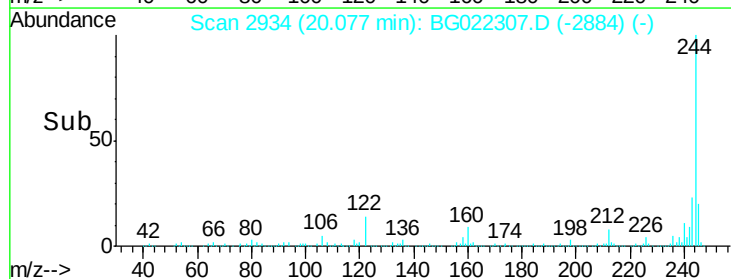
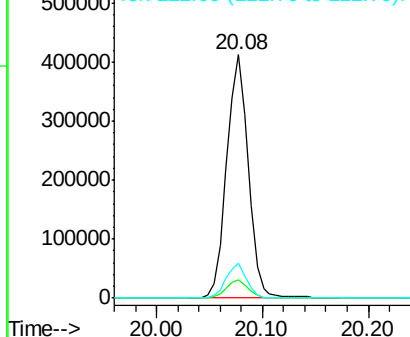
Lab File: BG022307.D

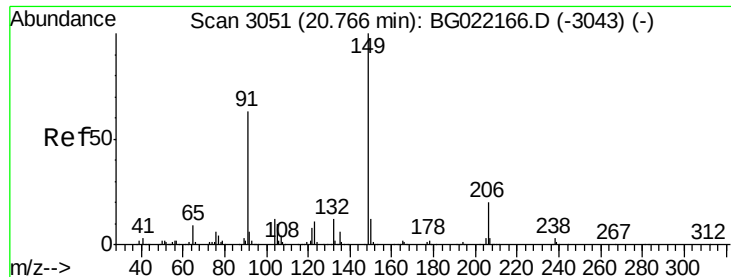
Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.6	6.5	9.7
122	14.2	8.6	12.8



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





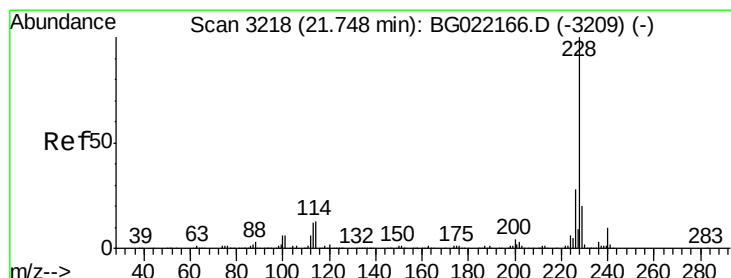
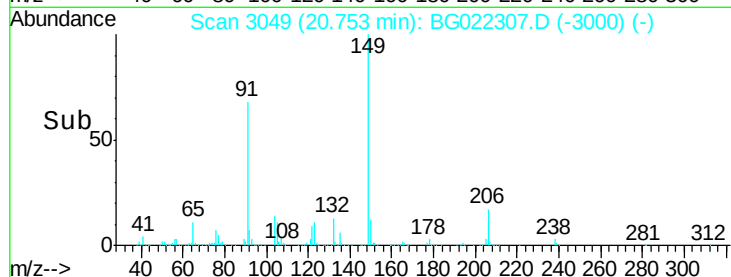
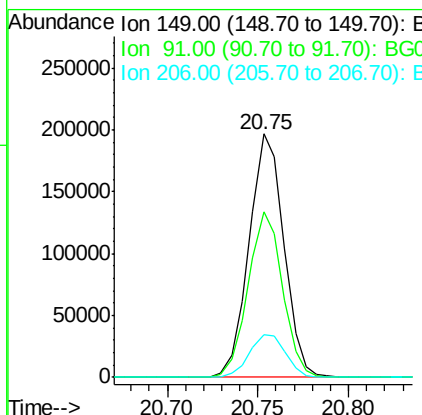
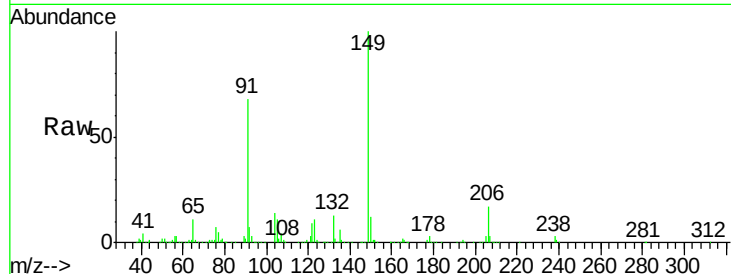
#79
Butylbenzylphthalate
Concen: 58.42 ng
RT: 20.75 min Scan# 3049
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	68.1	57.8	86.8
206	17.5	17.0	25.4

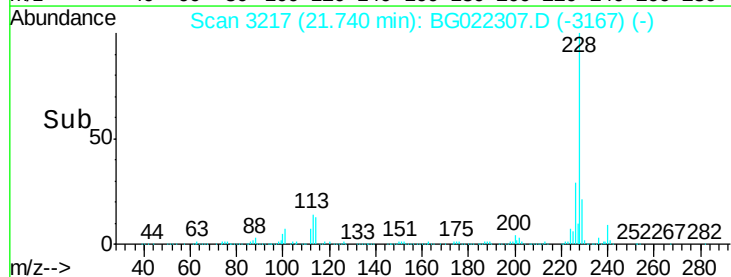
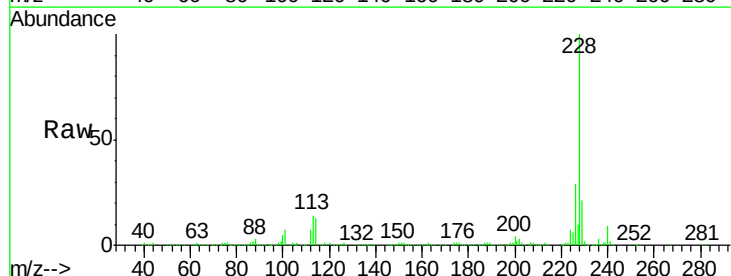
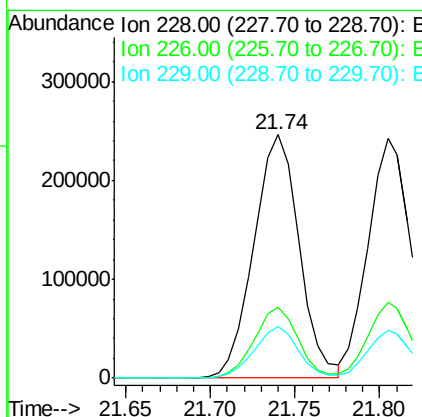
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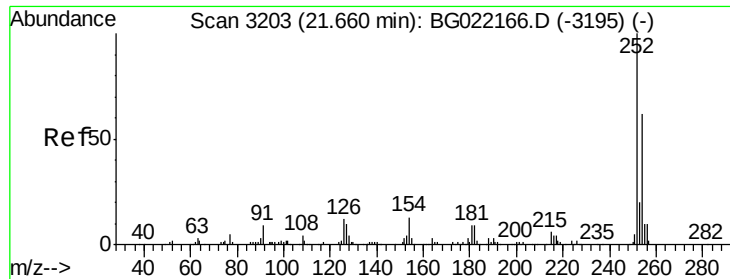
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#80
Benzo(a)anthracene
Concen: 52.77 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.2	22.6	34.0
229	21.1	16.1	24.1





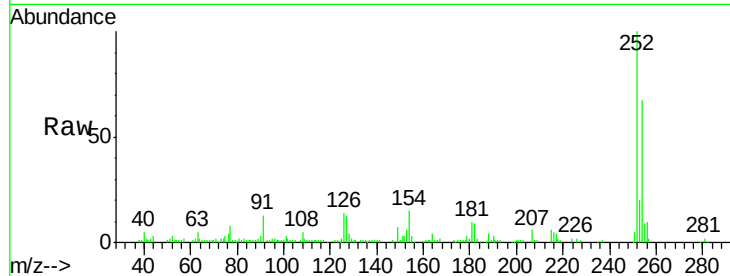
#81
 3,3'-Dichlorobenzidine
 Concen: 30.00 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

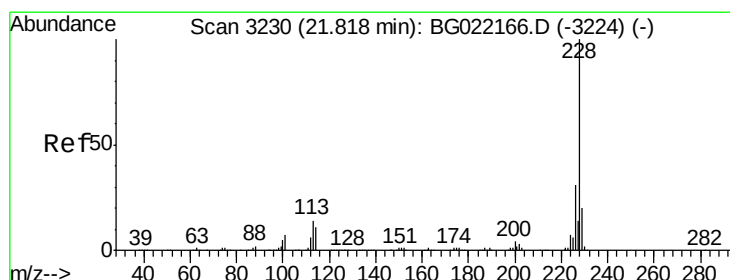
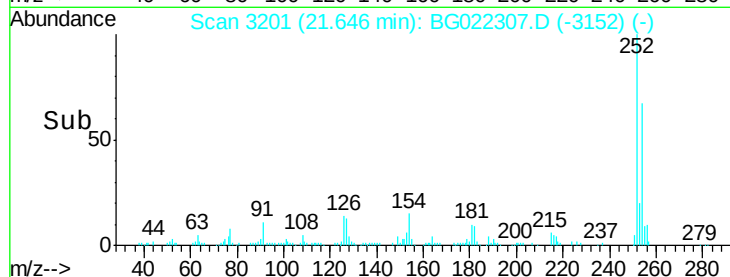
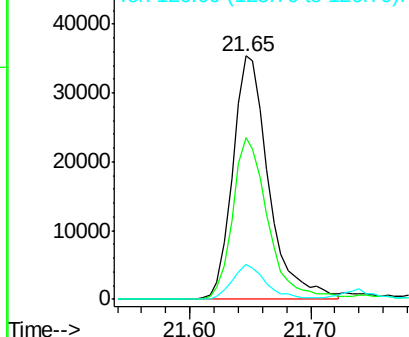
Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	66.7	51.8	77.6
126	14.2	8.8	13.2

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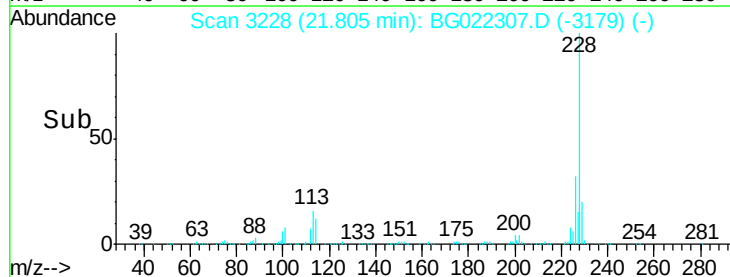
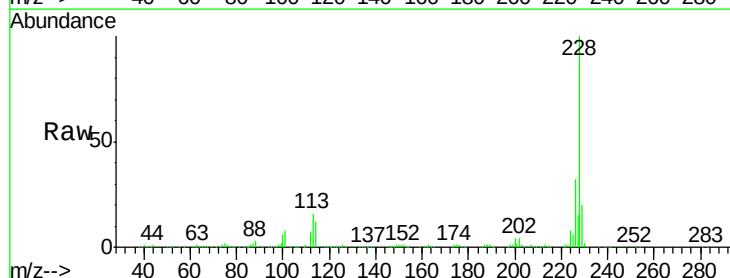
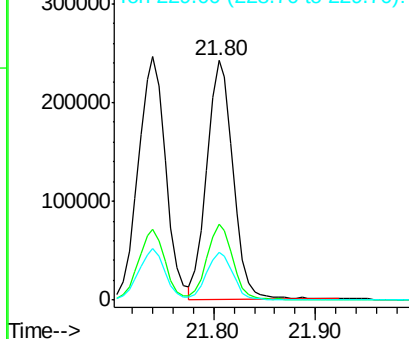
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

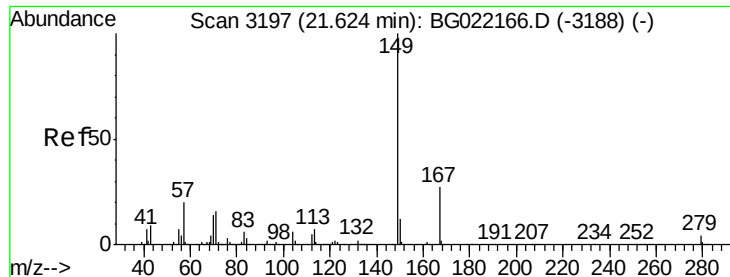


#82
 Chrysene
 Concen: 50.99 ng
 RT: 21.80 min Scan# 3228
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.0	15.9	23.9

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 57.61 ng

RT: 21.61 min Scan# 3195

Delta R.T. -0.01 min

Lab File: BG022307.D

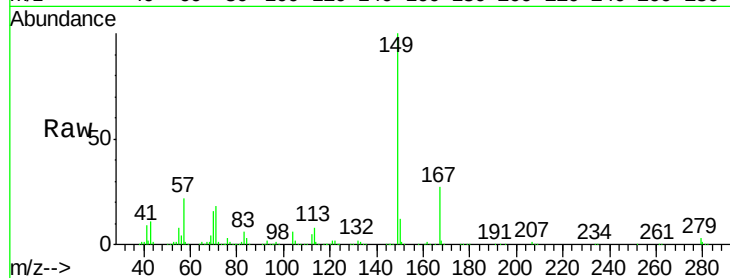
Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

ClientSampleId :

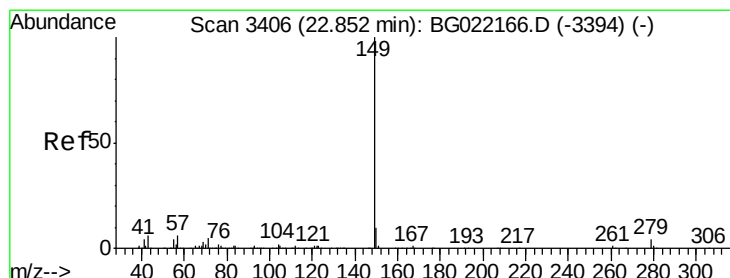
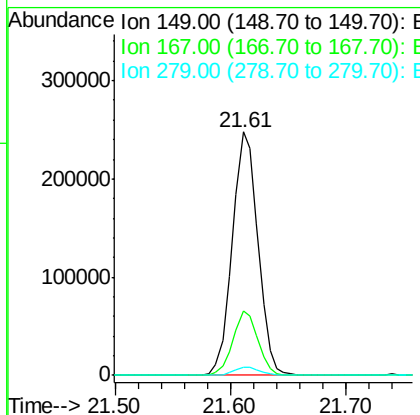
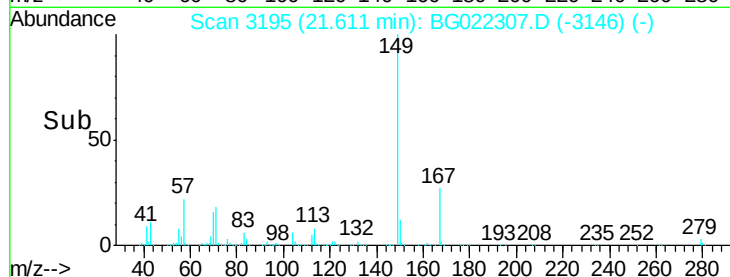
11-VE-PILE-WALL(0-2)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	380355		
167	26.6	22.4	33.6	
279	3.4	3.2	4.8	

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#84

Di-n-octyl phthalate

Concen: 58.54 ng

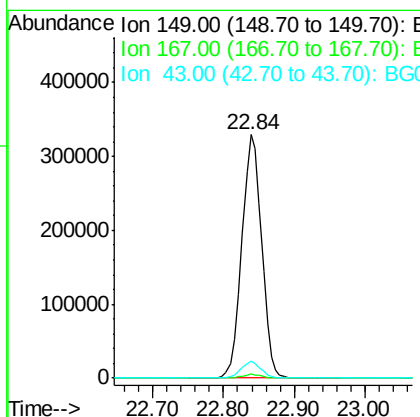
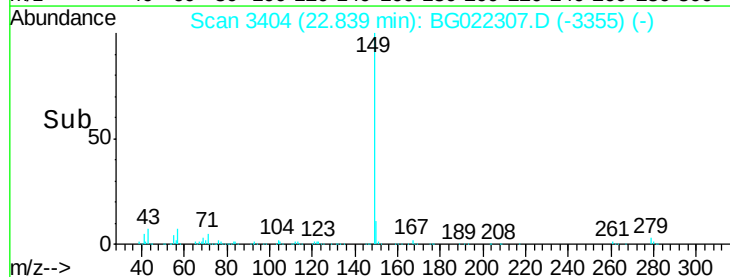
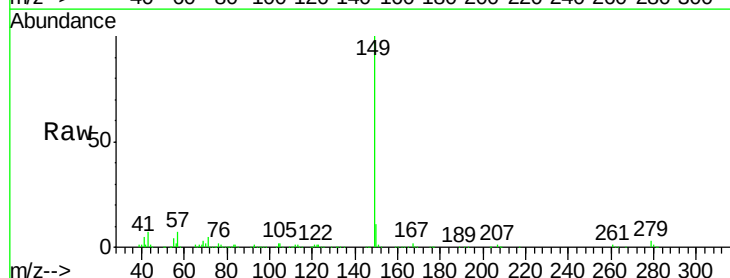
RT: 22.84 min Scan# 3404

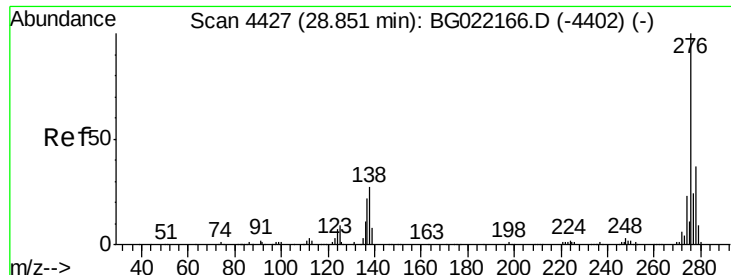
Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	641682		
167	1.5	1.3	1.9	
43	6.6	9.8	14.6	





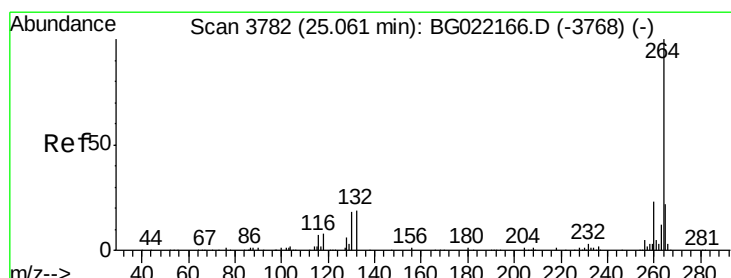
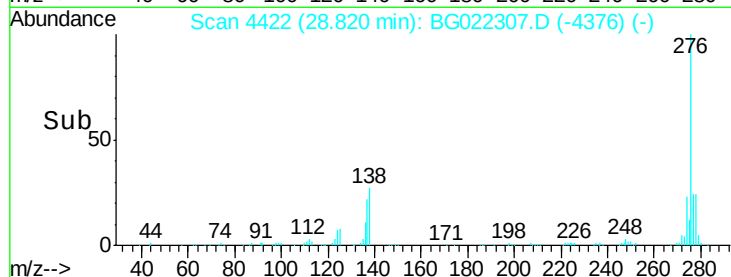
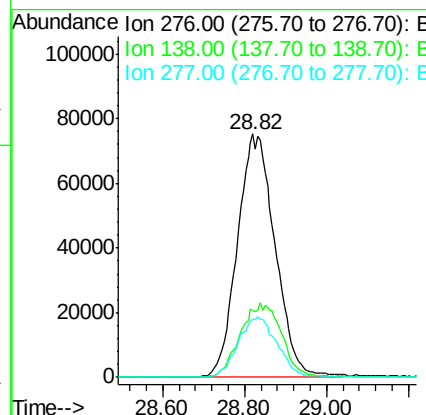
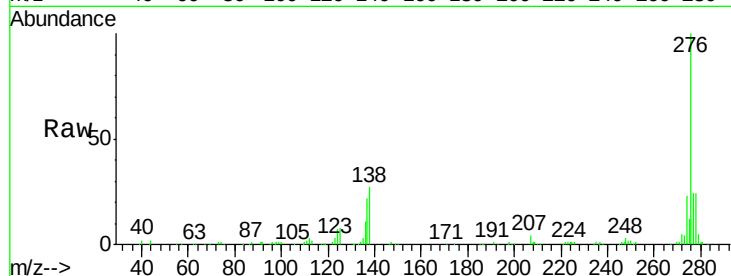
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.42 ng
 RT: 28.82 min Scan# 4427
 Delta R.T. -0.03 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	33.2	14.0	21.0#
277	25.6	20.6	30.8

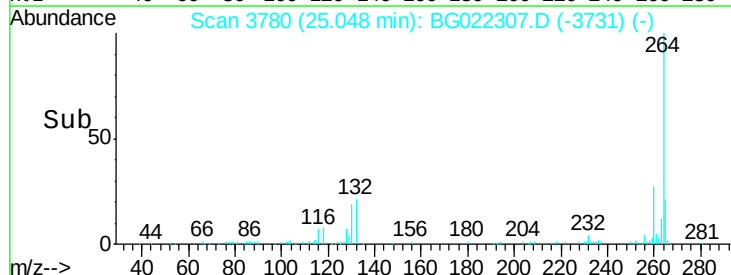
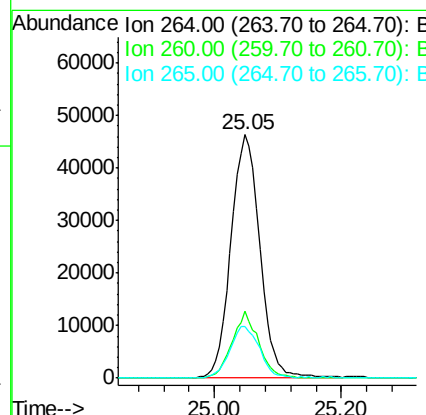
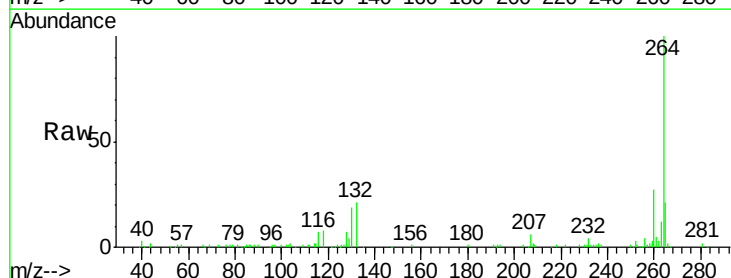
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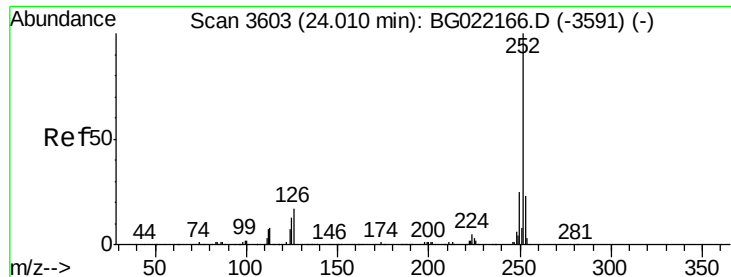
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.05 min Scan# 3780
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	27.4	20.2	30.4
265	21.1	17.8	26.8





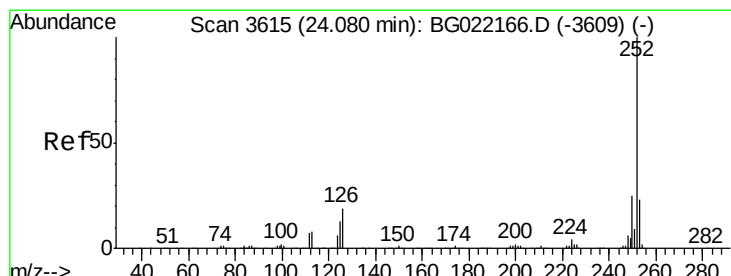
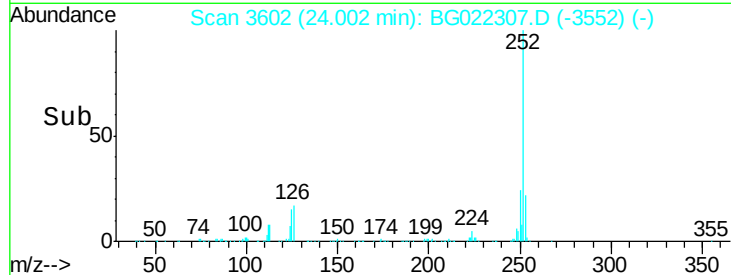
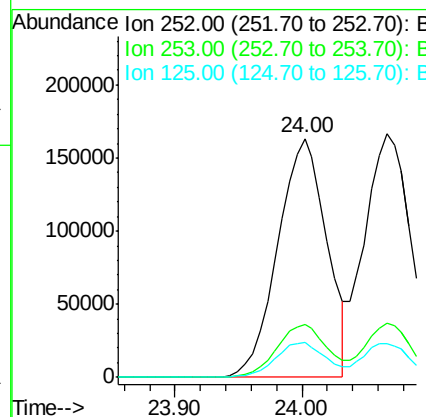
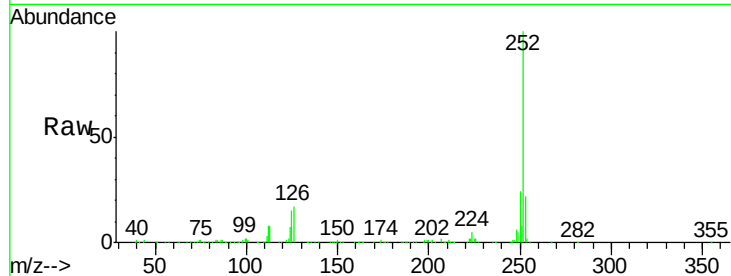
#87
Benzo(b)fluoranthene
Concen: 51.08 ng
RT: 24.00 min Scan# 3602
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	14.7	8.6	13.0#

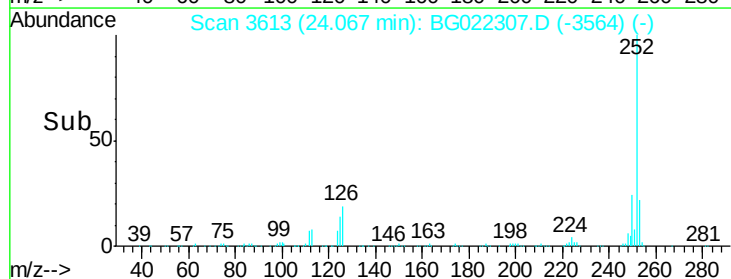
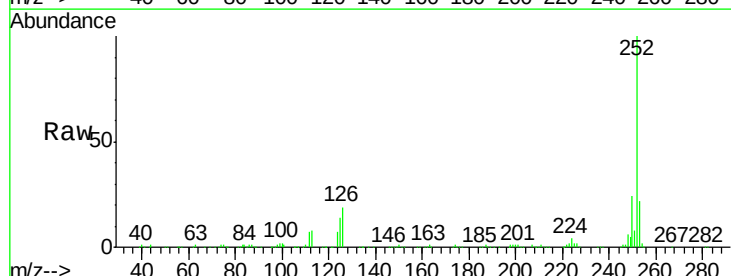
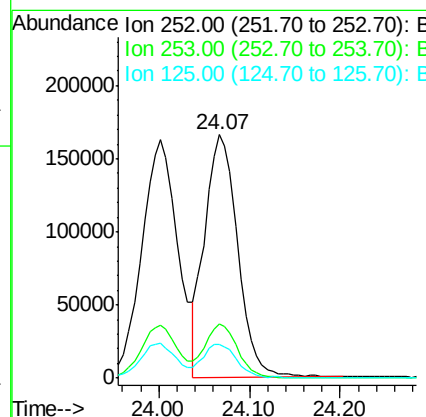
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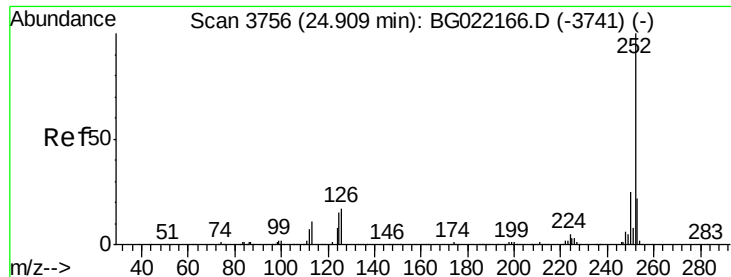
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#88
Benzo(k)fluoranthene
Concen: 49.73 ng
RT: 24.07 min Scan# 3613
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	14.0	8.3	12.5#





#89

Benzo(a)pyrene

Concen: 51.64 ng

RT: 24.90 min Scan# 3754

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

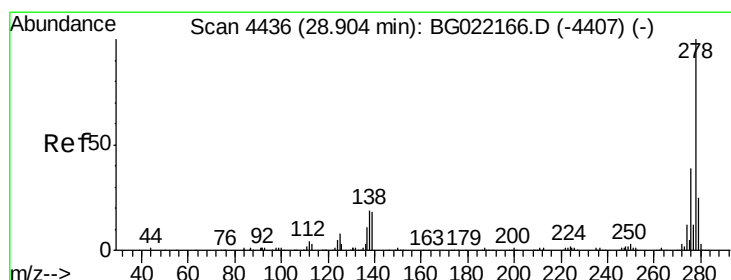
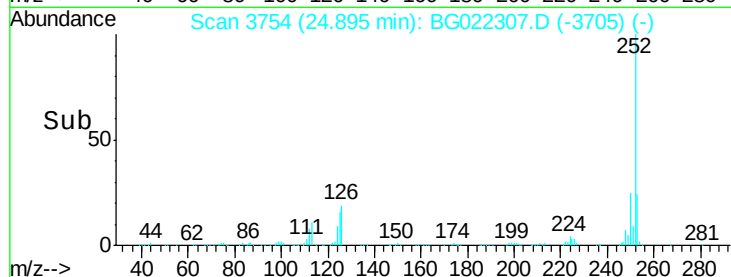
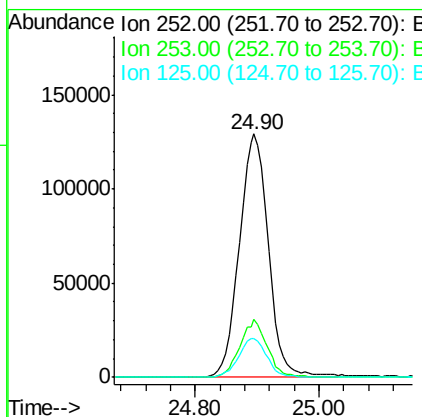
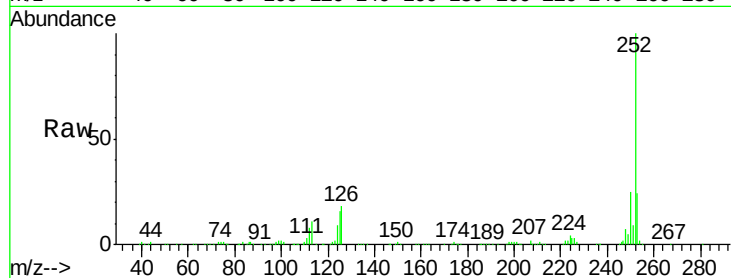
ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		422195		
253	23.8	17.1	25.7		
125	16.0	9.6	14.4#		

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#90

Dibenzo(a,h)anthracene

Concen: 51.05 ng

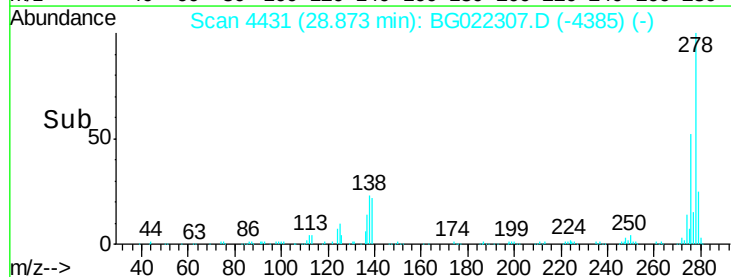
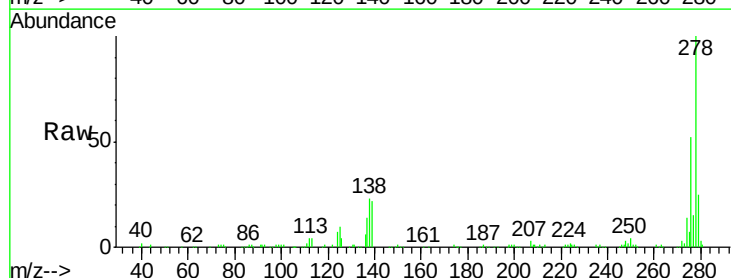
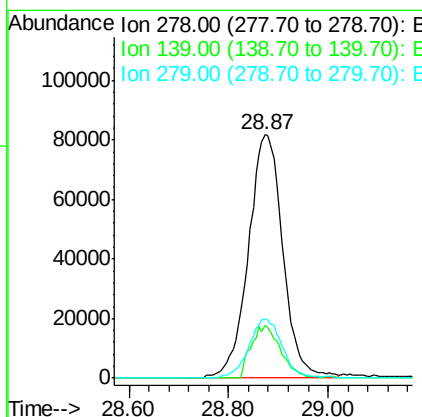
RT: 28.87 min Scan# 4431

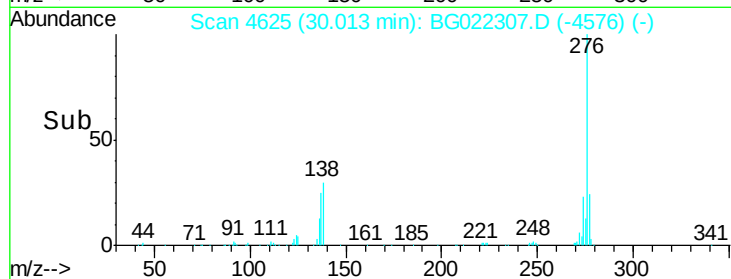
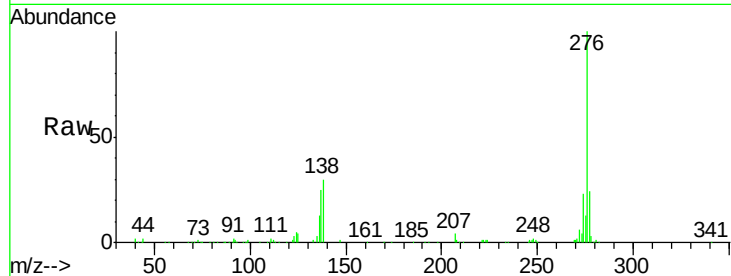
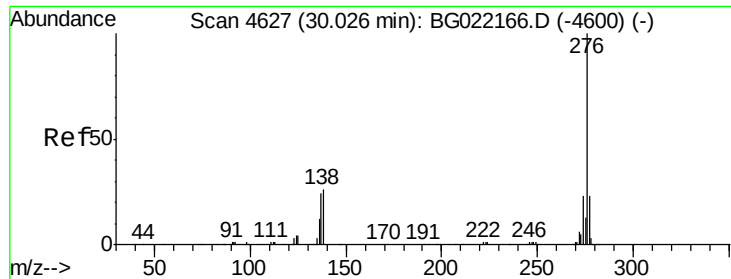
Delta R.T. -0.03 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Tgt	Ion	Ratio	Resp	Lower	Upper
278	100		393042		
139	21.6	11.9	17.9#		
279	24.6	18.2	27.2		





#91
 Benzo(g,h,i)perylene
 Concen: 48.71 ng
 RT: 30.01 min Scan# 4625
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100				
277	23.7	19.4	29.2		
138	29.5	17.4	26.0		

Manual Integrations
 APPROVED

umangi
 6/13/2016 7:32:07 PM

