

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
 Data File : BG019988.D
 Acq On : 7 Dec 2015 19:36
 Operator : UM/NP
 Sample : PB87109BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87109BS

Manual Integrations
 APPROVED

Mmdadoda
 12/8/2015 6:30:15 PM

Quant Time: Dec 08 00:28:59 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	16916	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	73642	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	53110	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	133863	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	163972	20.00	ng	-0.04
86) Perylene-d12	25.04	264	155622	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	131294	140.28	ng	-0.01
7) Phenol-d6	7.26	99	191386	135.43	ng	-0.01
23) Nitrobenzene-d5	9.28	82	124484	86.27	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	96724	119.03	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	299388	76.97	ng	-0.02
78) Terphenyl-d14	20.08	244	558753	83.12	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	13749	37.71	ng	# 100
3) Pyridine	3.92	79	43198	39.01	ng	# 87
4) n-Nitrosodimethylamine	3.84	42	23214	39.86	ng	# 85
6) Aniline	7.43	93	34945	19.10	ng	# 86
8) 2-Chlorophenol	7.67	128	52477	45.98	ng	94
9) Benzaldehyde	7.24	77	15030	15.95	ng	86
10) Phenol	7.29	94	71565	48.12	ng	81
11) bis(2-Chloroethyl)ether	7.53	93	47746	43.35	ng	87
12) 1,3-Dichlorobenzene	8.00	146	52569	40.64	ng	# 93
13) 1,4-Dichlorobenzene	8.15	146	54441	40.75	ng	91
14) 1,2-Dichlorobenzene	8.47	146	52678	41.34	ng	95
15) Benzyl Alcohol	8.35	79	54719	44.13	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.65	45	71935	40.04	ng	96
17) 2-Methylphenol	8.55	107	48373	46.07	ng	# 92
18) Hexachloroethane	9.20	117	19754	39.49	ng	97
19) n-Nitroso-di-n-propylamine	8.92	70	42412	38.06	ng	# 89
20) 3+4-Methylphenols	8.88	107	67110	45.39	ng	91
22) Acetophenone	8.94	105	77650	38.47	ng	# 92
24) Nitrobenzene	9.32	77	67549	43.16	ng	91
25) Isophorone	9.85	82	119069	38.49	ng	98
26) 2-Nitrophenol	10.04	139	28529	47.19	ng	# 77
27) 2,4-Dimethylphenol	10.09	122	54634	43.40	ng	93
28) bis(2-Chloroethoxy)methane	10.33	93	66713	44.13	ng	99
29) 2,4-Dichlorophenol	10.57	162	59820	46.52	ng	94
30) 1,2,4-Trichlorobenzene	10.79	180	58184	40.03	ng	96
31) Naphthalene	10.98	128	165081	41.84	ng	99
32) Benzoic acid	10.21	122	37957	45.15	ng	87
33) 4-Chloroaniline	11.09	127	19771	11.37	ng	# 92
34) Hexachlorobutadiene	11.26	225	40661	37.93	ng	93
35) Caprolactam	11.85	113	20529m	42.88	ng	
36) 4-Chloro-3-methylphenol	12.20	107	68286	42.64	ng	94
37) 2-Methylnaphthalene	12.58	142	123536	42.73	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	78380	38.89	ng	98
40) Hexachlorocyclopentadiene	12.93	237	83566	72.72	ng	98

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 ClientSampleId :
 PB87109BS

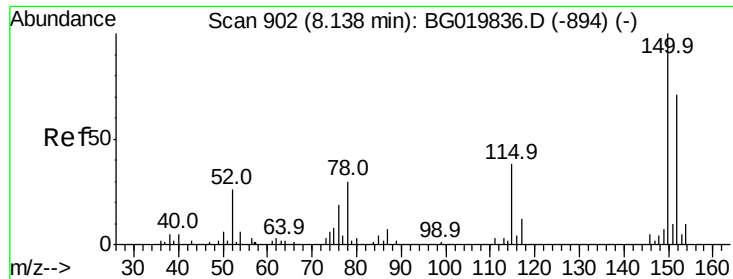
Manual Integrations
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 12/8/2015 6:30:15 PM

Quant Time: Dec 08 00:28:59 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	55601	41.67	nq	98
43) 2,4,5-Trichlorophenol	13.25	196	60881	43.17	nq	97
45) 1,1'-Biphenyl	13.58	154	163280	37.46	nq	99
46) 2-Chloronaphthalene	13.63	162	133121	39.62	nq	94
47) 2-Nitroaniline	13.82	65	50194	47.30	nq	# 83
48) Acenaphthylene	14.47	152	225211	39.36	nq	99
49) Dimethylphthalate	14.20	163	184308	38.58	nq	98
50) 2,6-Dinitrotoluene	14.31	165	40454	45.04	nq	# 74
51) Acenaphthene	14.81	154	137515	39.60	nq	99
52) 3-Nitroaniline	14.64	138	23793	25.50	nq	94
53) 2,4-Dinitrophenol	14.84	184	39160	81.70	nq	88
54) Dibenzofuran	15.14	168	223937	43.35	nq	94
55) 4-Nitrophenol	14.94	139	70433	86.66	nq	# 69
56) 2,4-Dinitrotoluene	15.09	165	59219	47.25	nq	# 85
57) Fluorene	15.79	166	183111	39.60	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	60261	46.17	nq	98
59) Diethylphthalate	15.55	149	195840	37.88	nq	98
60) 4-Chlorophenyl-phenylether	15.78	204	100907	38.01	nq	97
61) 4-Nitroaniline	15.80	138	44655	42.55	nq	# 69
62) Azobenzene	16.07	77	185632	43.15	nq	93
64) 4,6-Dinitro-2-methylphenol	15.86	198	33772	45.30	nq	92
65) n-Nitrosodiphenylamine	15.99	169	168083	43.39	nq	94
66) 4-Bromophenyl-phenylether	16.67	248	66352	39.89	nq	95
67) Hexachlorobenzene	16.79	284	73682	42.52	nq	100
68) Atrazine	16.93	200	70343	41.80	nq	96
69) Pentachlorophenol	17.13	266	93323	92.28	nq	97
70) Phenanthrene	17.53	178	323440	42.71	nq	96
71) Anthracene	17.62	178	330662	42.86	nq	96
72) Carbazole	17.88	167	289899	42.66	nq	97
73) Di-n-butylphthalate	18.44	149	350067	42.03	nq	98
74) Fluoranthene	19.53	202	414825	42.82	nq	94
76) Benzidine	19.71	184	98747	18.33	nq	98
77) Pyrene	19.89	202	426515	44.21	nq	96
79) Butylbenzylphthalate	20.77	149	164170	43.42	nq	99
80) Benzo(a)anthracene	21.74	228	431345	42.97	nq	98
81) 3,3'-Dichlorobenzidine	21.65	252	86905	22.73	nq	# 95
82) Chrysene	21.81	228	386188	40.52	nq	97
83) Bis(2-ethylhexyl)phthalate	21.64	149	237974	42.89	nq	95
84) Di-n-octyl phthalate	22.87	149	411096	45.57	nq	# 95
85) Indeno(1,2,3-cd)pyrene	28.78	276	467856	44.57	nq	# 100
87) Benzo(b)fluoranthene	24.00	252	419916	42.57	nq	# 95
88) Benzo(k)fluoranthene	24.07	252	399120	40.86	nq	# 96
89) Benzo(a)pyrene	24.88	252	401678	42.90	nq	# 97
90) Dibenzo(a,h)anthracene	28.86	278	391489	42.32	nq	# 95
91) Benzo(g,h,i)perylene	29.96	276	380998	41.94	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Instrument :

BNA_G

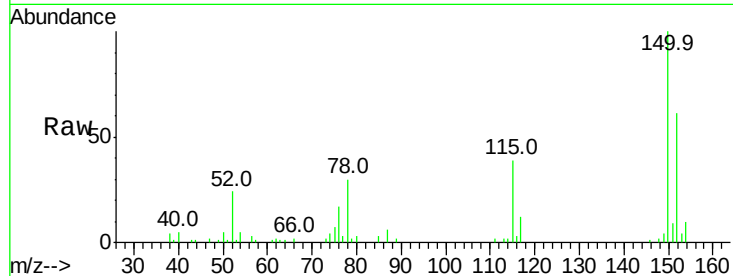
ClientSampleId :

PB87109BS

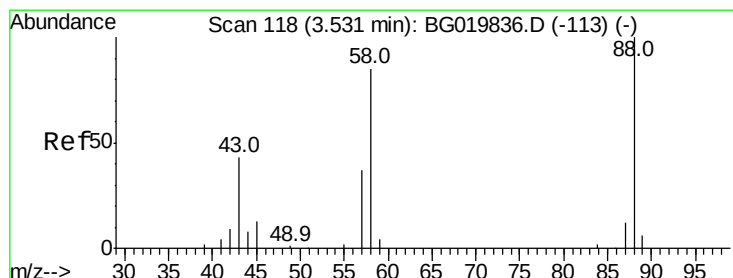
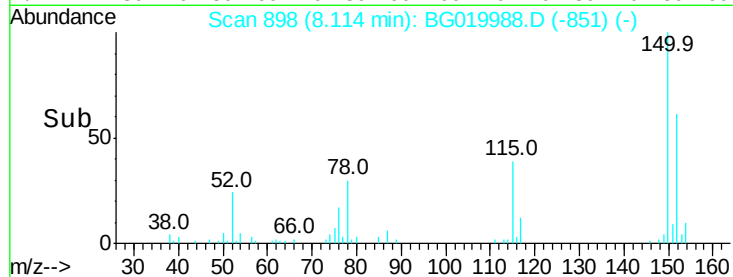
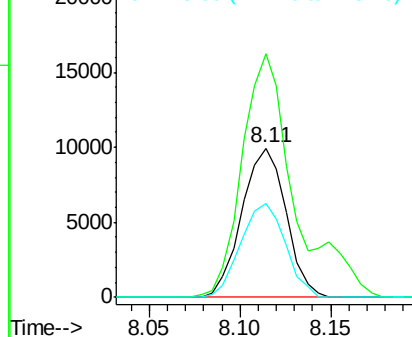
Tot Ion:	152	Resp:	16916
Ion Ratio	Lower	Upper	
152	100		
150	163.3	115.0	172.4
115	63.2	43.9	65.9

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.71 ng

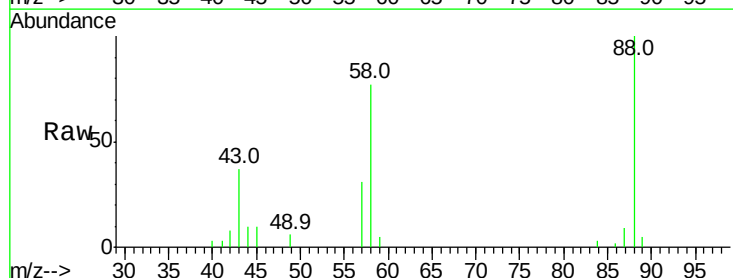
RT: 3.52 min Scan# 116

Delta R.T. -0.01 min

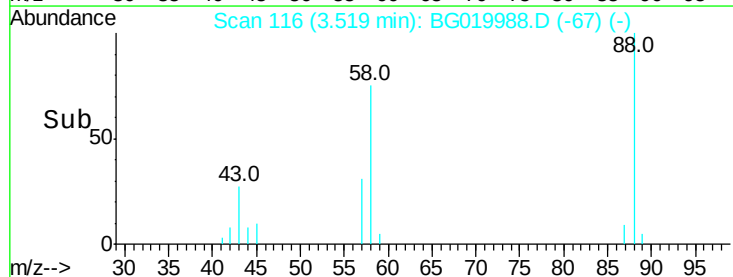
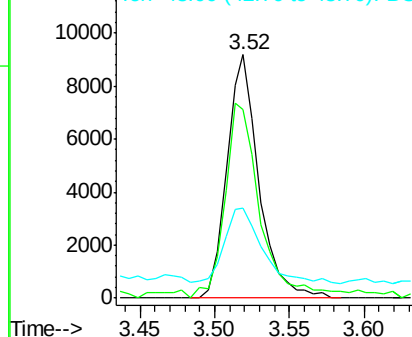
Lab File: BG019988.D

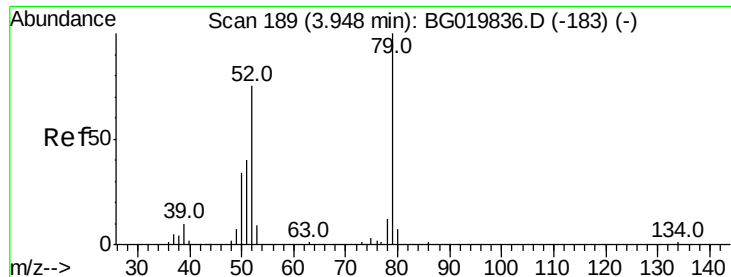
Acq: 7 Dec 2015 19:36

Tgt Ion:	88	Resp:	13749
Ion Ratio	Lower	Upper	
88	100		
58	88.9	0.0	0.0#
43	38.0	0.0	0.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.01 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Instrument :

BNA_G

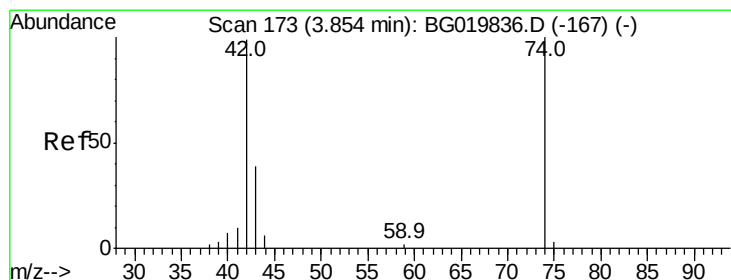
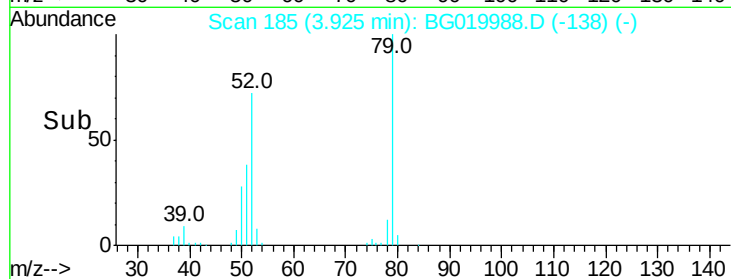
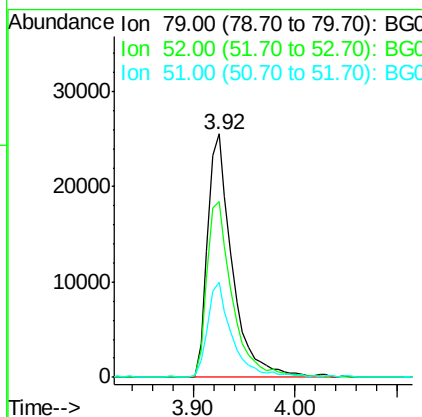
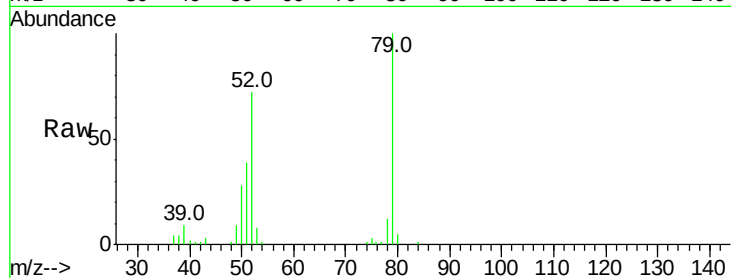
ClientSampleId :

PB87109BS

Tot Ion:	79	Resp:	43198
Ion Ratio	Lower	Upper	
79	100		
52	72.4	50.3	75.5
51	38.8	24.8	37.2#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.86 ng

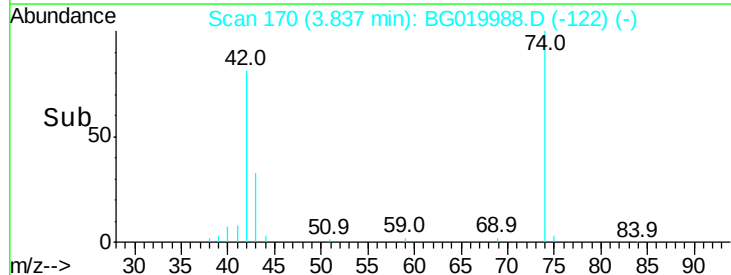
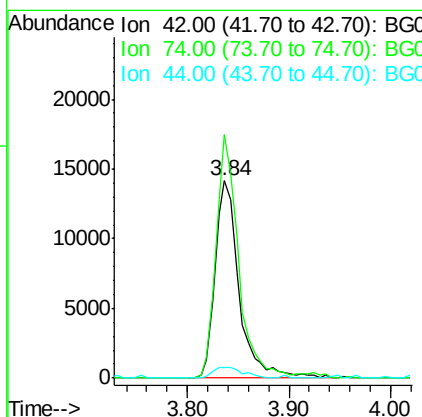
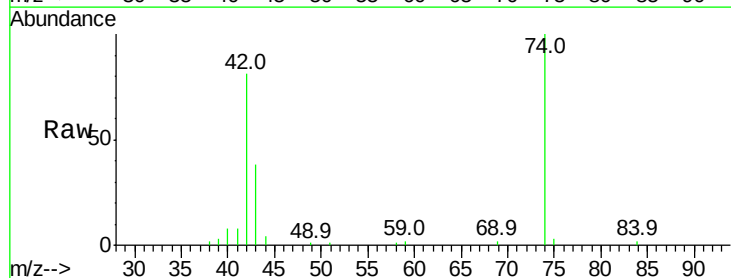
RT: 3.84 min Scan# 170

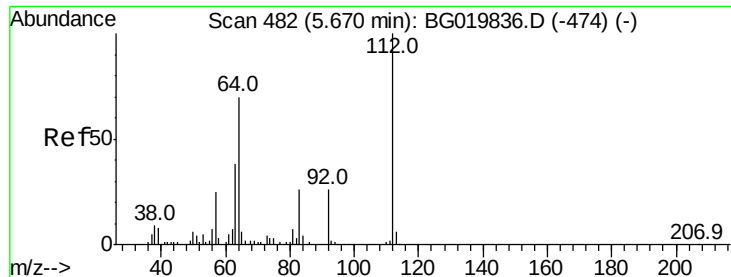
Delta R.T. -0.02 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Tgt Ion:	42	Resp:	23214
Ion Ratio	Lower	Upper	
42	100		
74	123.3	113.9	170.9
44	5.3	5.7	8.5#





#5

2-Fluorophenol

Concen: 140.28 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Instrument :

BNA_G

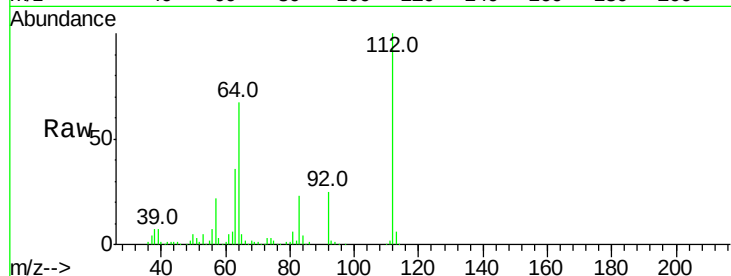
ClientSampleId :

PB87109BS

Tot Ion:	112	Resp:	131294
Ion Ratio	Lower	Upper	
112	100		
64	67.4	43.7	65.5#
63	35.9	24.0	36.0

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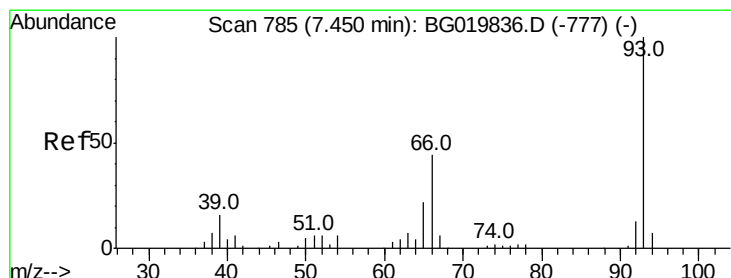
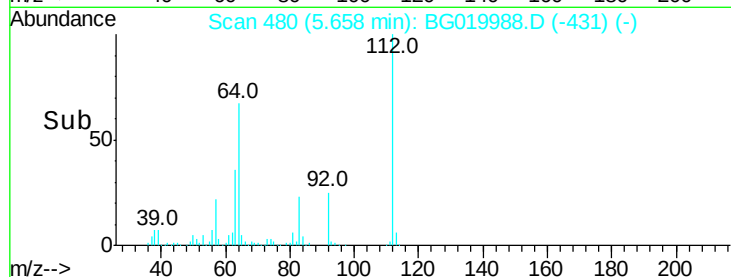
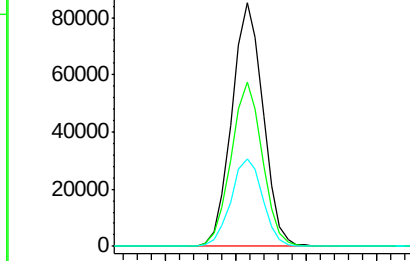
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Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.10 ng

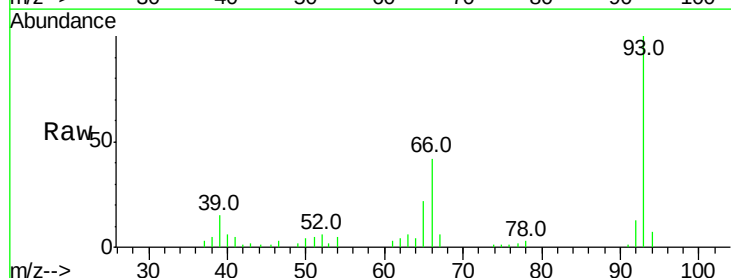
RT: 7.43 min Scan# 782

Delta R.T. -0.02 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

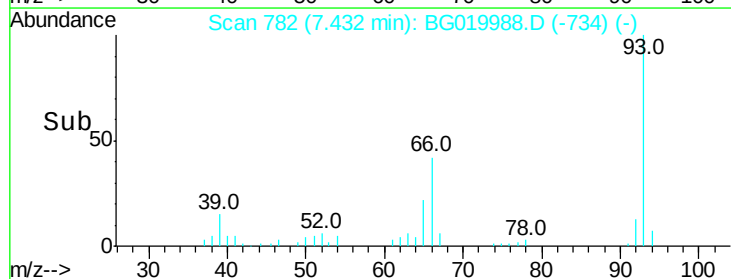
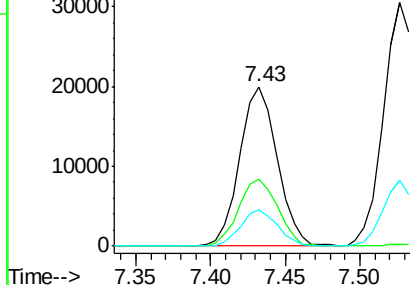
Tgt Ion:	93	Resp:	34945
Ion Ratio	Lower	Upper	
93	100		
66	41.6	26.2	39.2#
65	22.5	14.0	21.0#

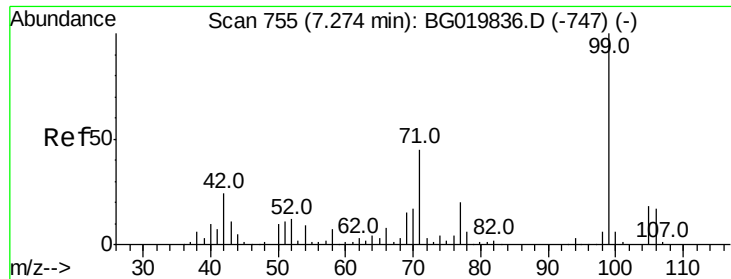


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.43 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Instrument :

BNA_G

ClientSampleId :

PB87109BS

Tot Ion: 99 Resp: 191386
Ion Ratio Lower Upper

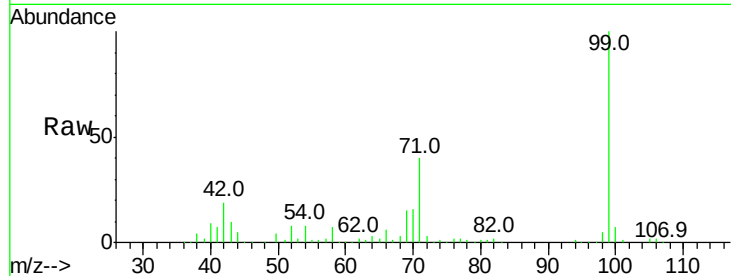
99 100

42 19.1 11.5 17.3#

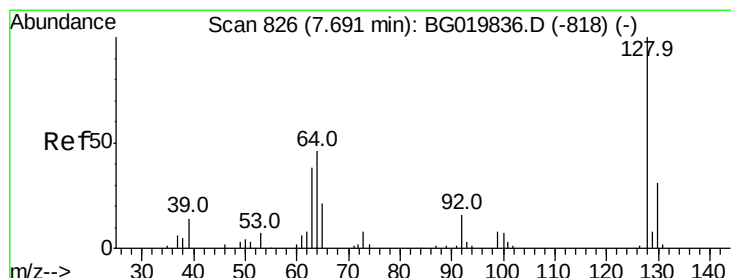
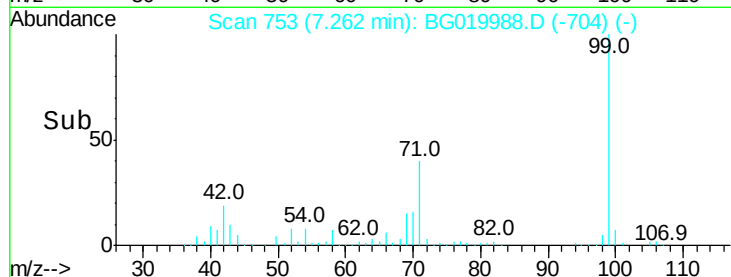
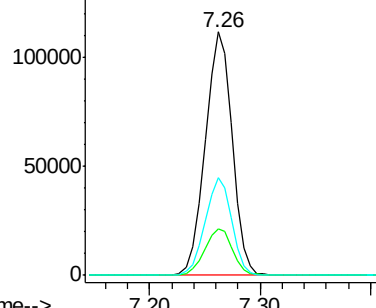
71 39.9 22.6 34.0#

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



#8

2-Chlorophenol

Concen: 45.98 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG019988.D

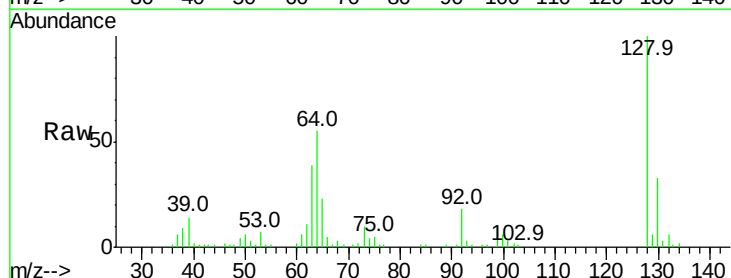
Acq: 7 Dec 2015 19:36

Tgt Ion:128 Resp: 52477
Ion Ratio Lower Upper

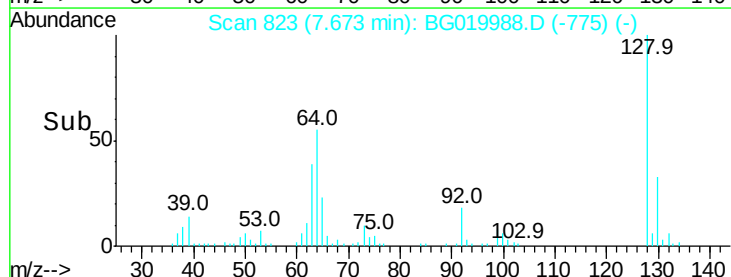
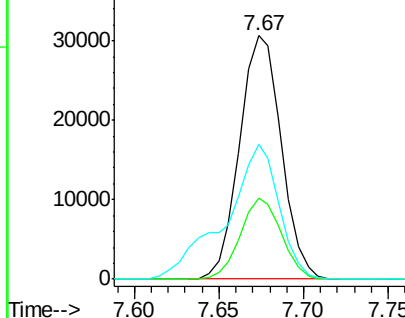
128 100

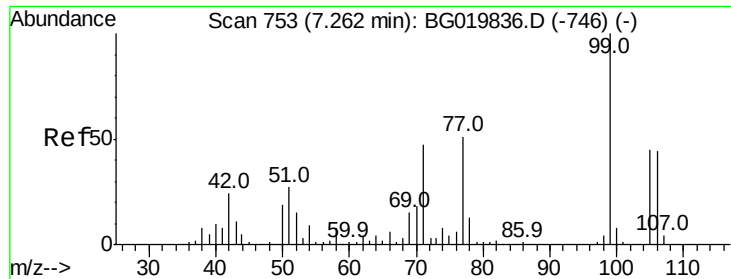
130 33.2 13.0 53.0

64 55.4 28.2 68.2



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





#9

Benzaldehyde

Concen: 15.95 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.02 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Instrument :

BNA_G

ClientSampleId :

PB87109BS

Tot Ion: 77 Resp: 15030

Ion Ratio Lower Upper

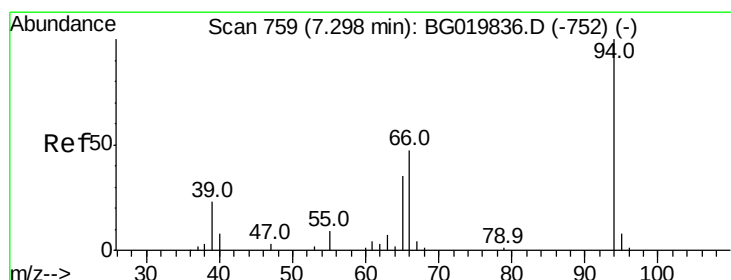
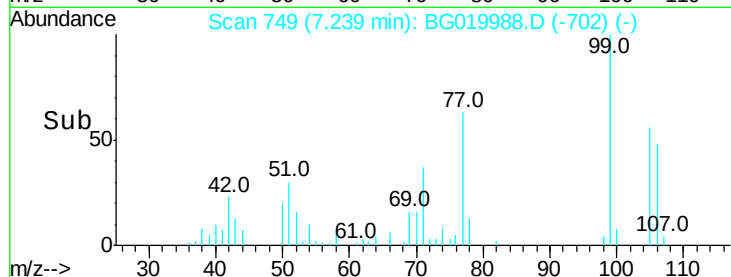
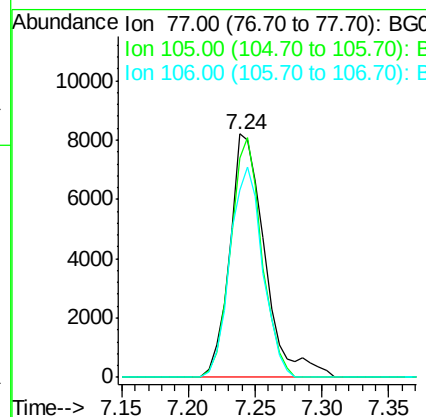
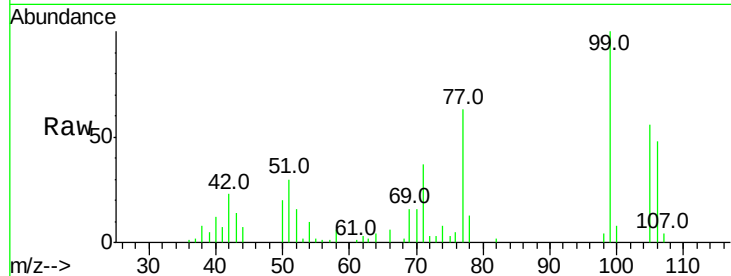
77 100

105 90.1 77.7 117.7

106 76.7 75.8 115.8

Manual Integrations
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#10

Phenol

Concen: 48.12 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

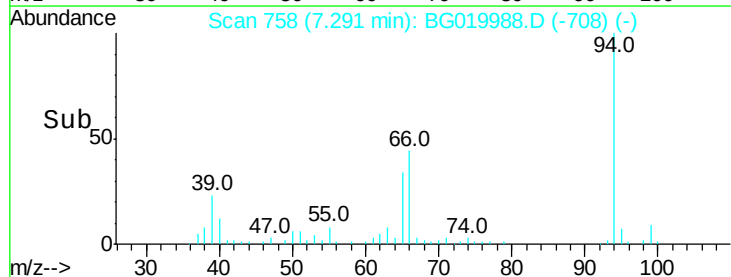
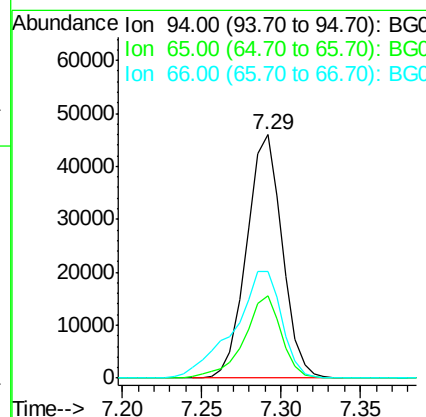
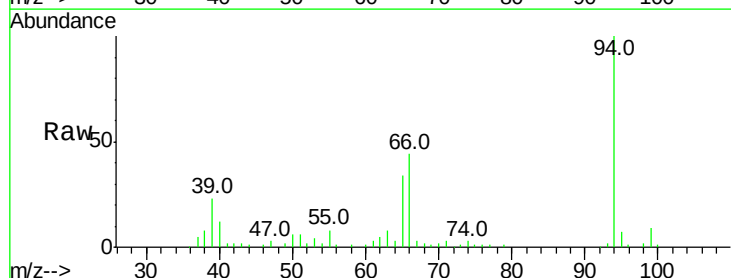
Tgt Ion: 94 Resp: 71565

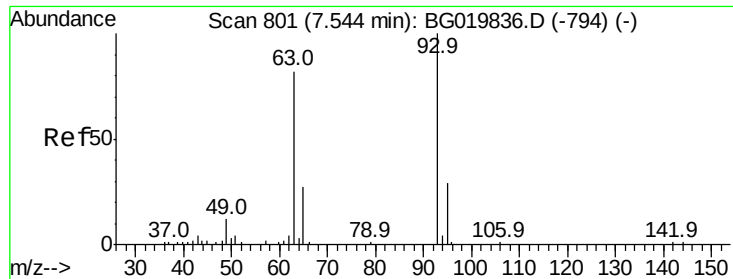
Ion Ratio Lower Upper

94 100

65 33.7 5.4 45.4

66 43.9 11.8 51.8





#11

bis(2-Chloroethyl)ether

Concen: 43.35 ng

RT: 7.53 min Scan# 798

Delta R.T. -0.02 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Instrument :

BNA_G

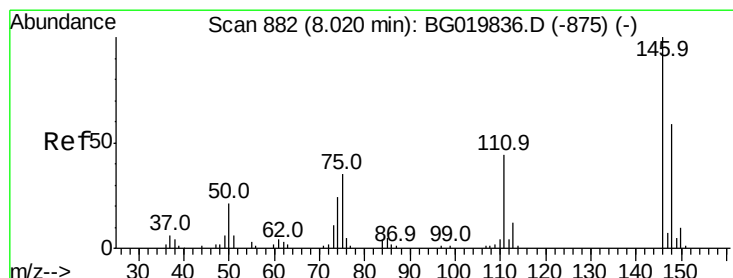
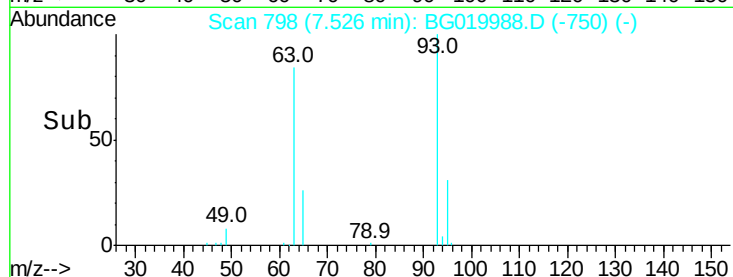
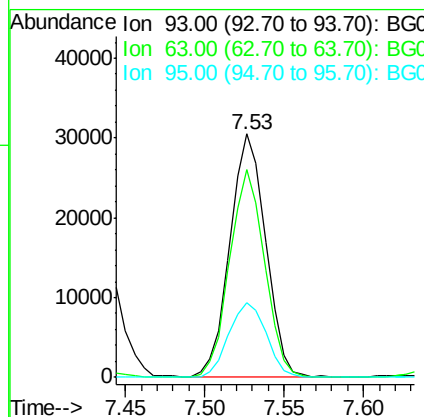
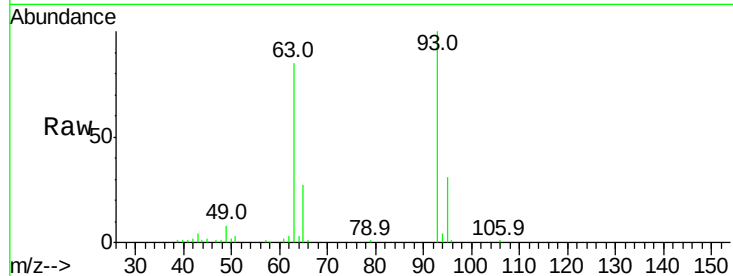
ClientSampleId :

PB87109BS

Tot Ion:	93	Resp:	47746
Ion	Ratio	Lower	Upper
93	100		
63	85.2	50.5	90.5
95	30.7	12.2	52.2

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#12

1,3-Dichlorobenzene

Concen: 40.64 ng

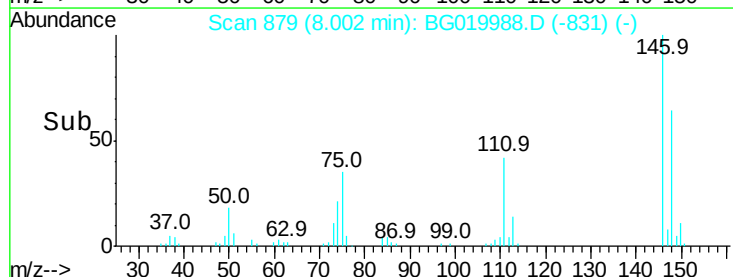
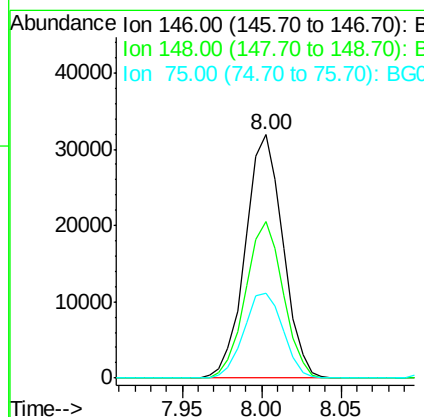
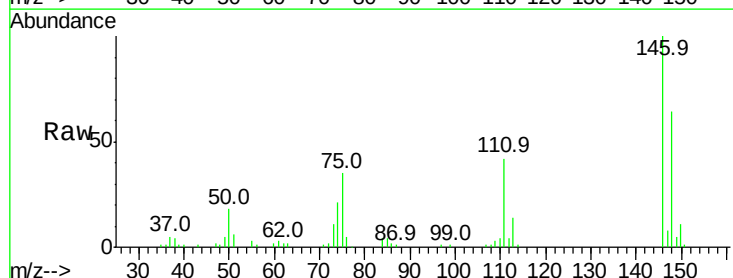
RT: 8.00 min Scan# 879

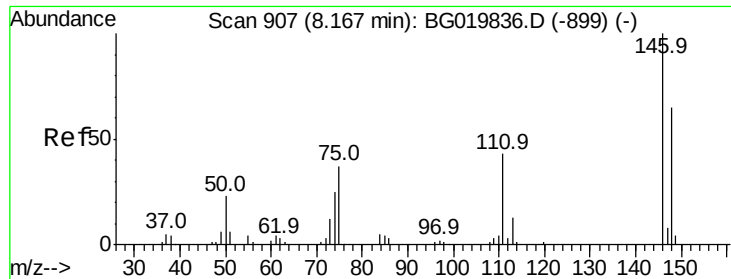
Delta R.T. -0.02 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Tgt Ion:	146	Resp:	52569
Ion	Ratio	Lower	Upper
146	100		
148	64.4	53.4	80.0
75	34.8	21.1	31.7#





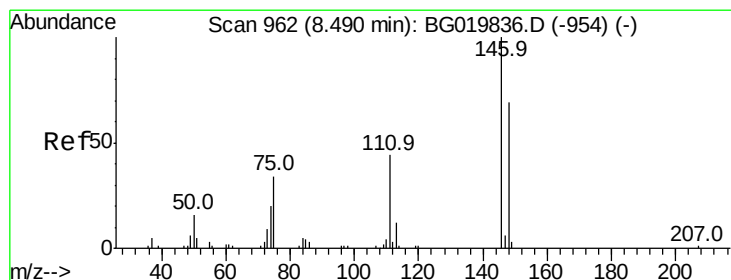
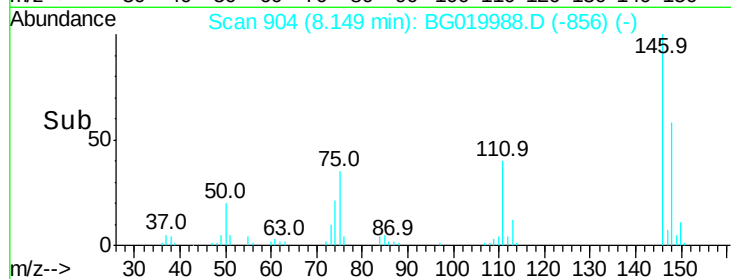
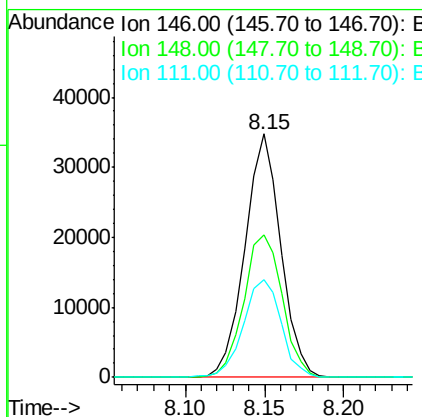
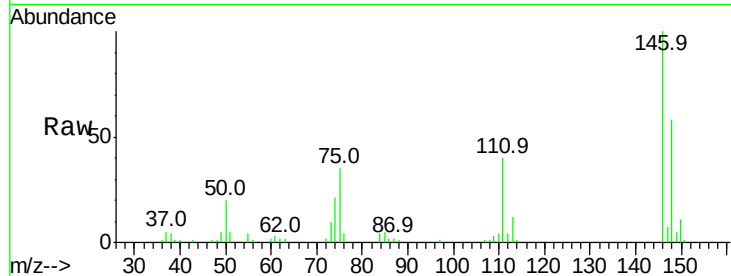
#13
 1,4-Dichlorobenzene
 Concen: 40.75 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG019988.D
 Acq: 7 Dec 2015 19:36

Instrument :
 BNA_G
 ClientSampleId :
 PB87109BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	58.5	52.5	78.7
111	39.9	28.3	42.5

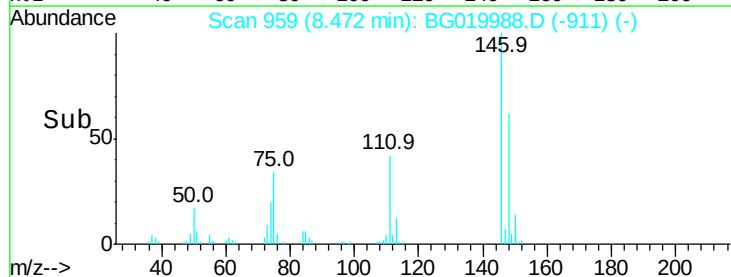
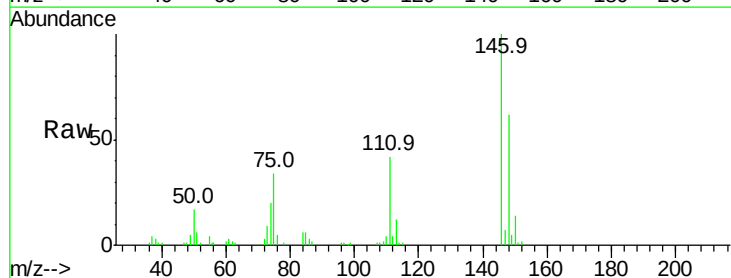
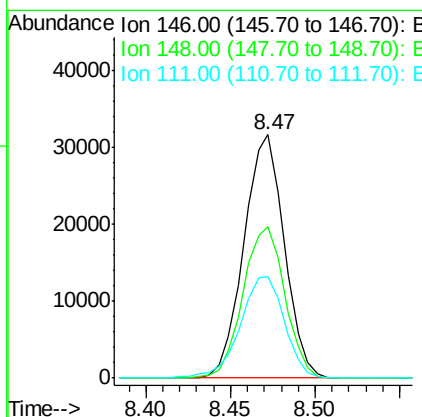
Manual Integrations
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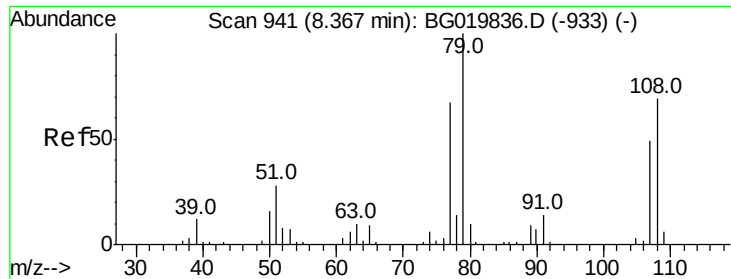
Mmdadoda
 12/8/2015 6:30:15 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.34 ng
 RT: 8.47 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BG019988.D
 Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	52.5	78.7
111	41.9	29.9	44.9





#15

Benzyl Alcohol

Concen: 44.13 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.02 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Instrument :

BNA_G

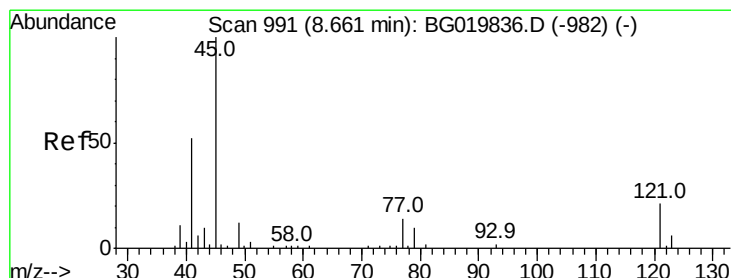
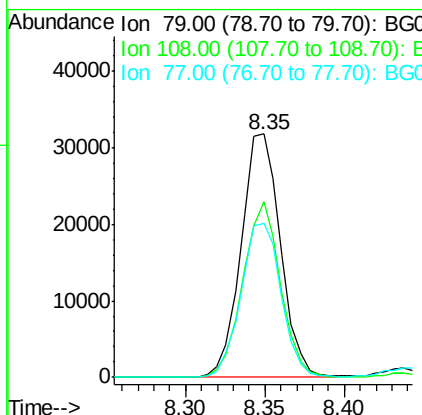
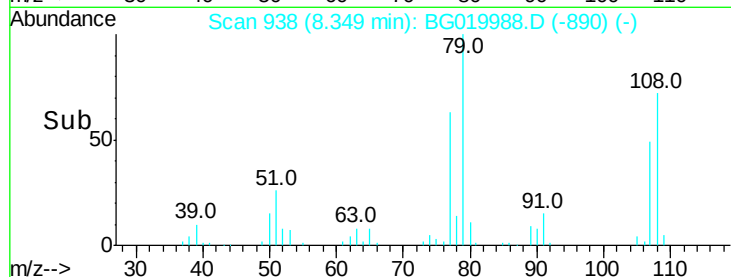
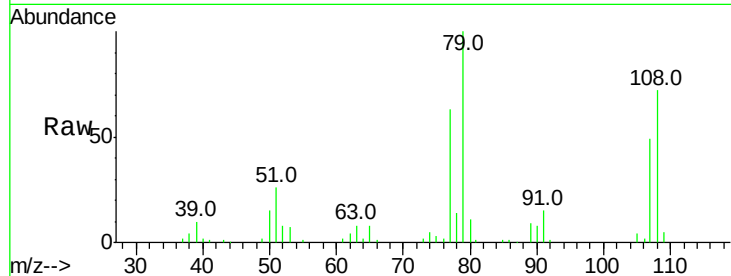
ClientSampleId :

PB87109BS

Tot Ion:	79	Resp:	54719
Ion Ratio	Lower	Upper	
79	100		
108	72.4	65.5	98.3
77	63.4	51.3	76.9

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.04 ng

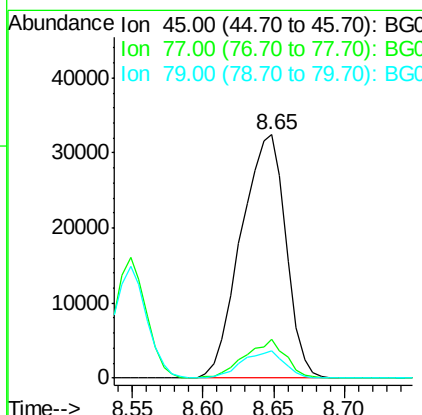
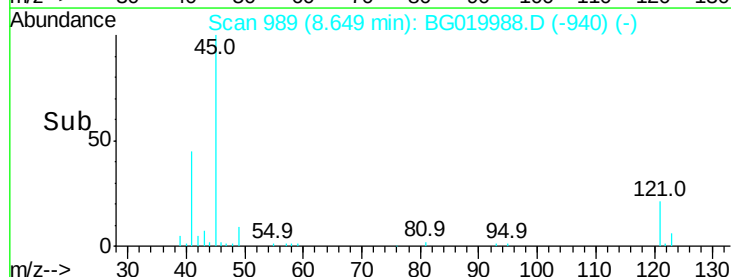
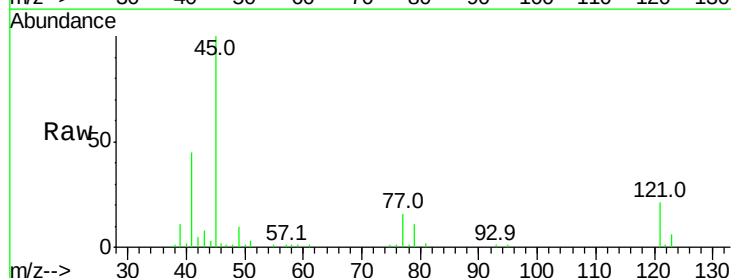
RT: 8.65 min Scan# 989

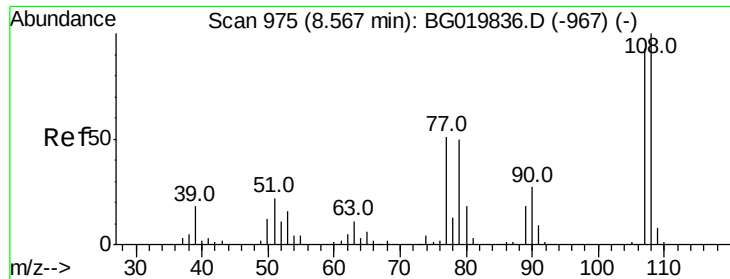
Delta R.T. -0.01 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Tgt Ion:	45	Resp:	71935
Ion Ratio	Lower	Upper	
45	100		
77	15.7	0.0	37.0
79	11.5	0.0	33.8





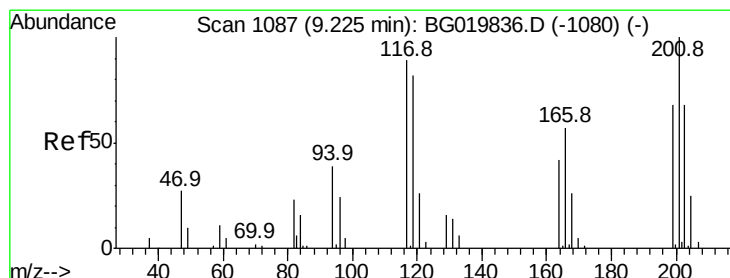
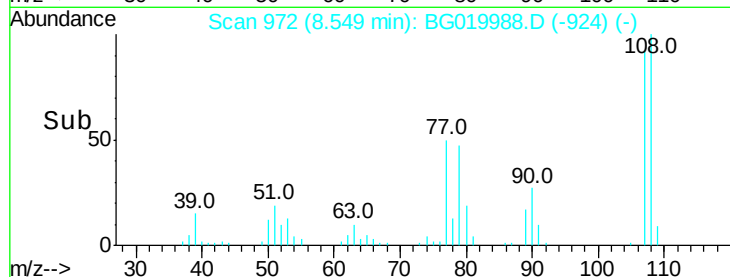
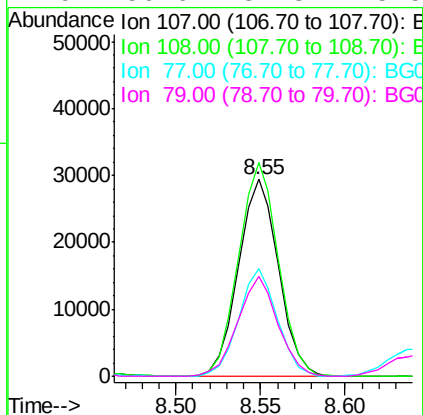
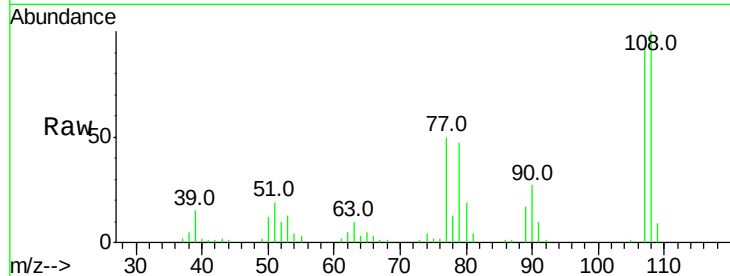
#17
2-Methylphenol
Concen: 46.07 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Instrument :
BNA_G
ClientSampleID :
PB87109BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	48373		
108	108.4	86.5	129.7	
77	54.7	34.6	51.8	
79	50.6	32.3	48.5	

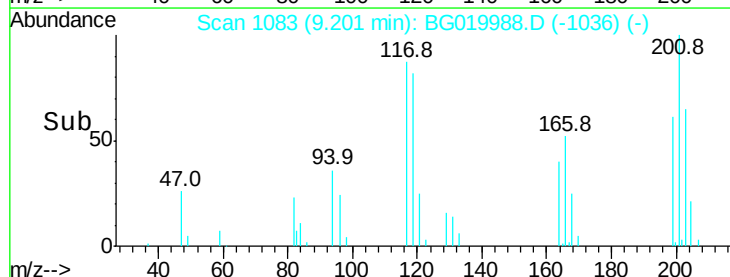
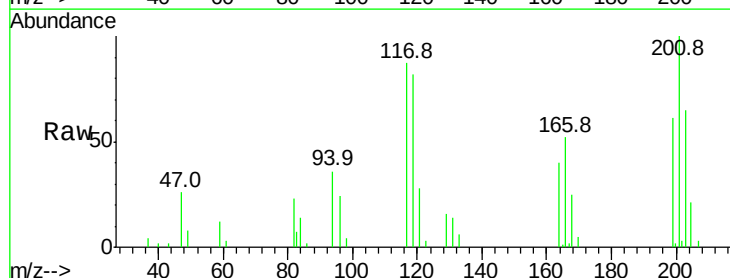
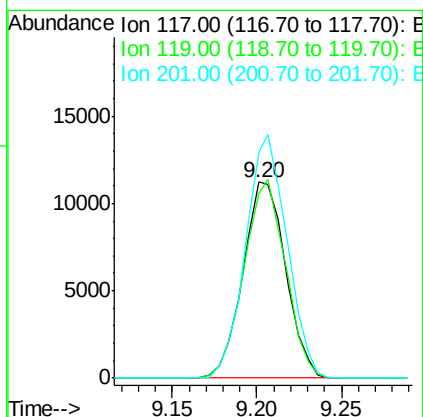
Manual Integrations
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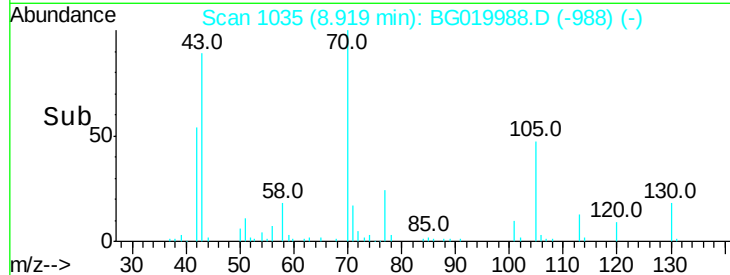
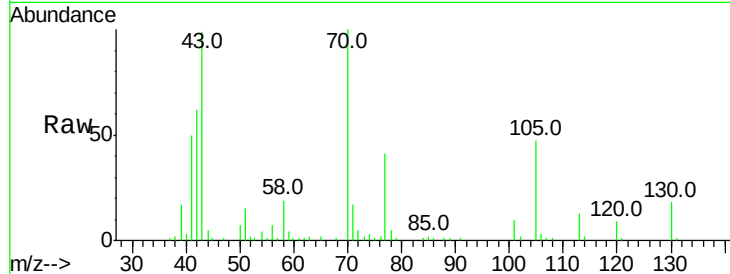
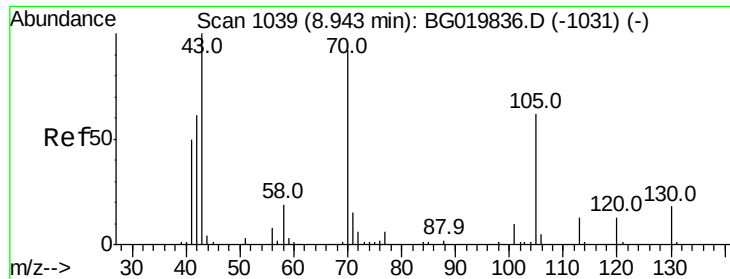
Mmdadoda
12/8/2015 6:30:15 PM



#18
Hexachloroethane
Concen: 39.49 ng
RT: 9.20 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	19754		
119	94.6	71.7	107.5	
201	115.1	90.9	136.3	





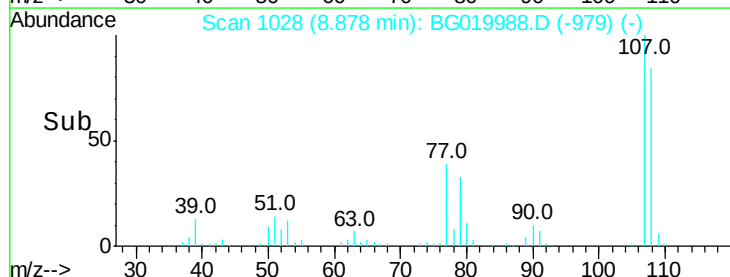
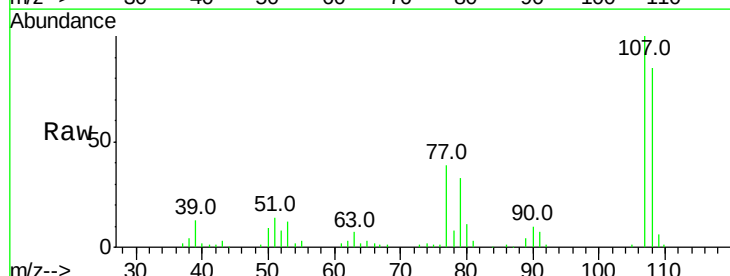
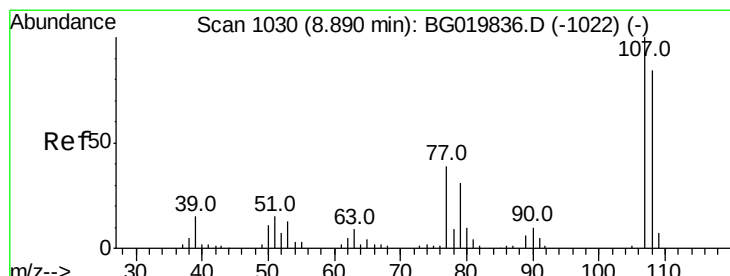
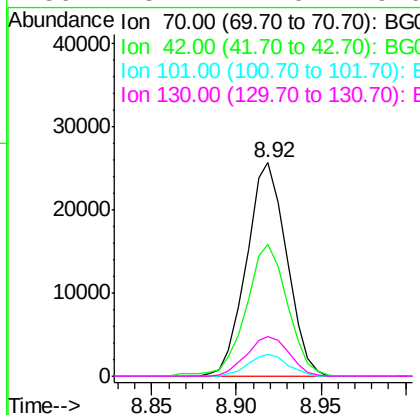
#19
n-Nitroso-di-n-propylamine
Concen: 38.06 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Instrument :
BNA_G
ClientSampleId :
PB87109BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.6	40.6	60.8#
101	10.0	8.6	13.0
130	18.4	17.0	25.6

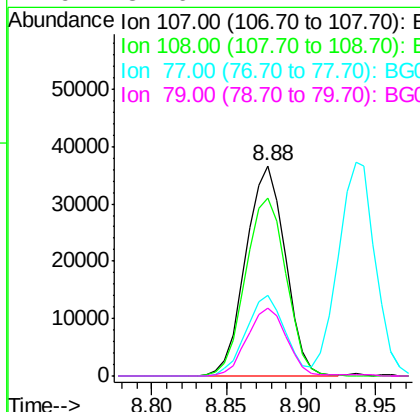
Manual Integrations
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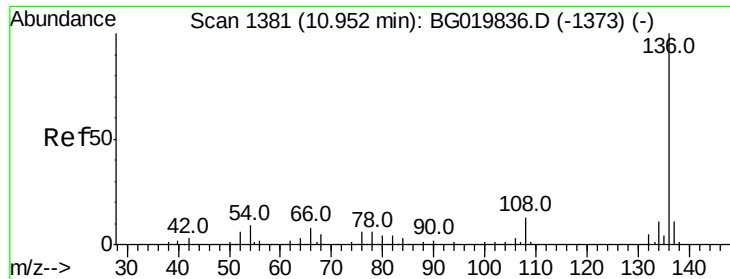
Mmdadoda
12/8/2015 6:30:15 PM



#20
3+4-Methylphenols
Concen: 45.39 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.6	72.2	112.2
77	38.5	13.4	53.4
79	32.6	7.2	47.2





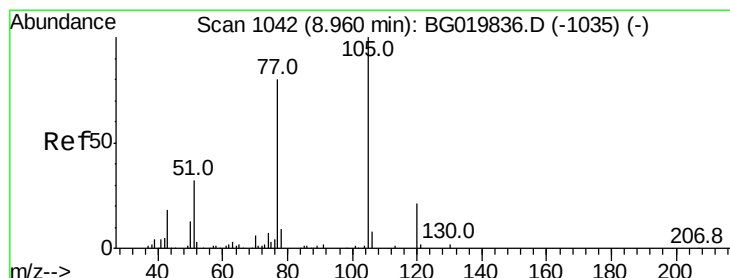
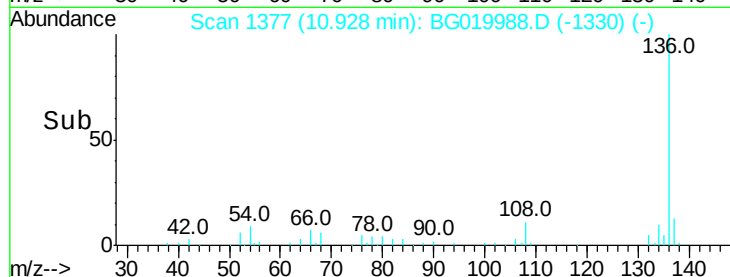
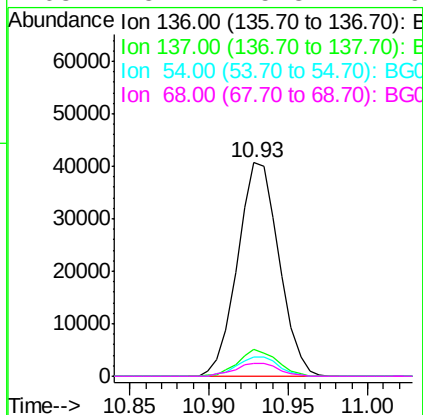
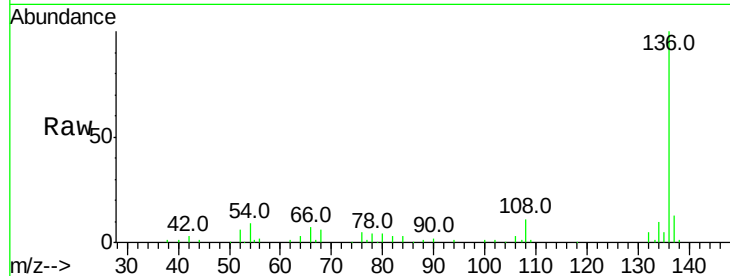
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Instrument :
BNA_G
ClientSampleId :
PB87109BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.6	8.6	12.8	
54	8.8	5.4	8.2#	
68	5.7	5.3	7.9	

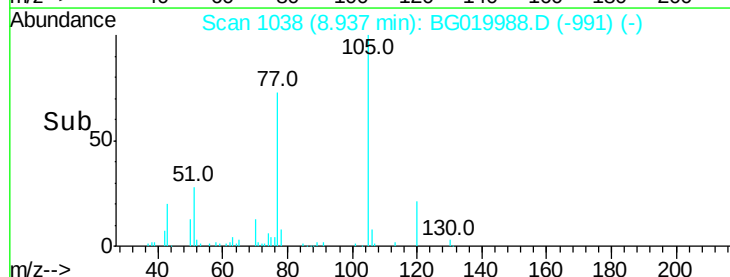
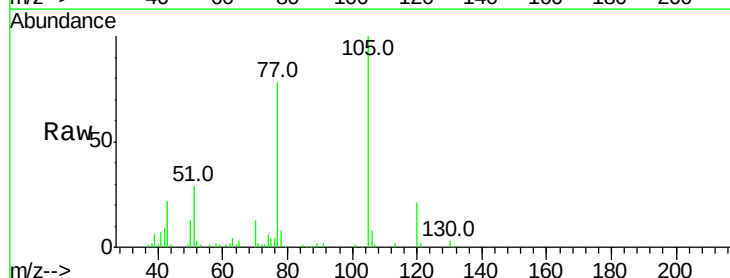
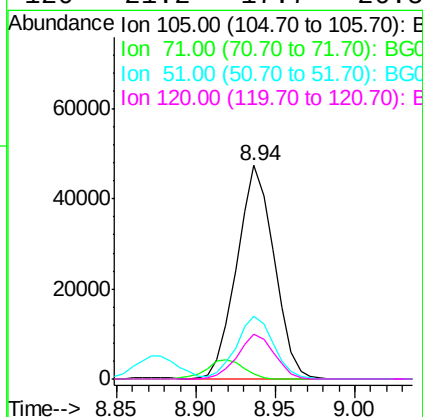
Manual Integrations
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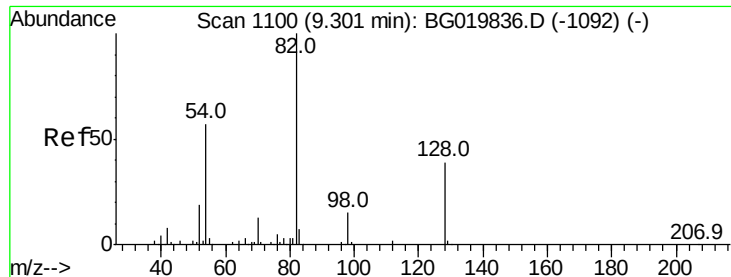
Mmdadoda
12/8/2015 6:30:15 PM



#22
Acetophenone
Concen: 38.47 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.5	2.1	3.1	
51	29.1	17.8	26.8#	
120	21.2	17.7	26.5	





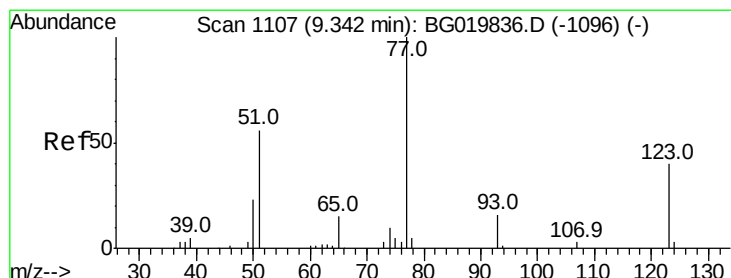
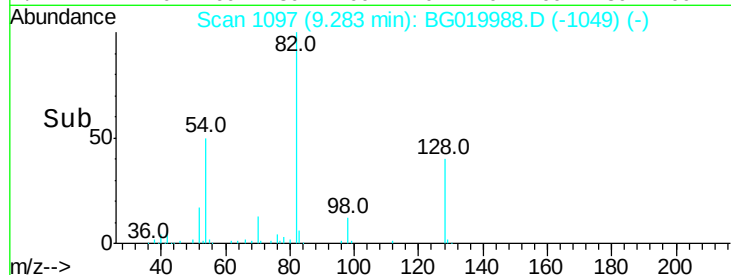
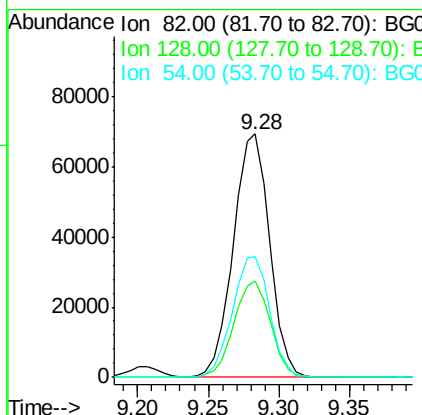
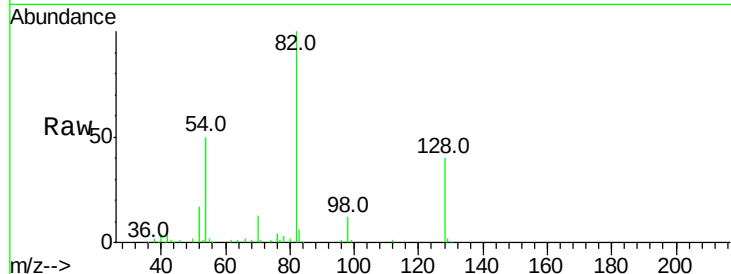
#23
Nitrobenzene-d5
Concen: 86.27 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Instrument :
BNA_G
ClientSampleId :
PB87109BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	124484		
128	39.5	36.7	55.1	
54	49.7	33.8	50.8	

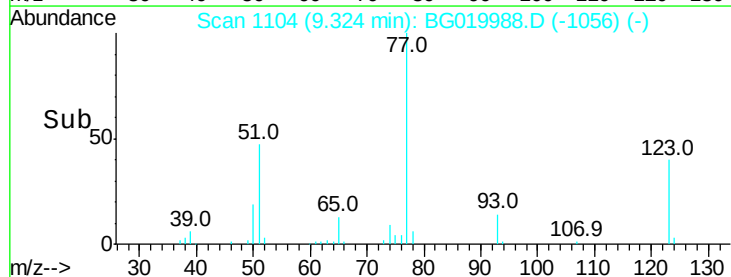
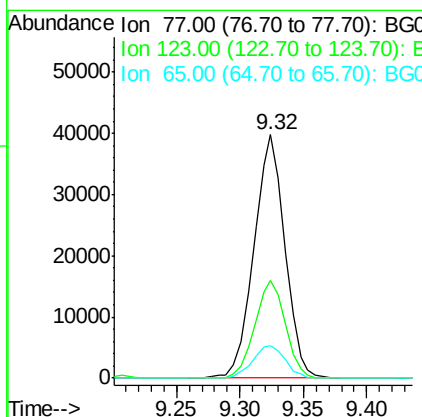
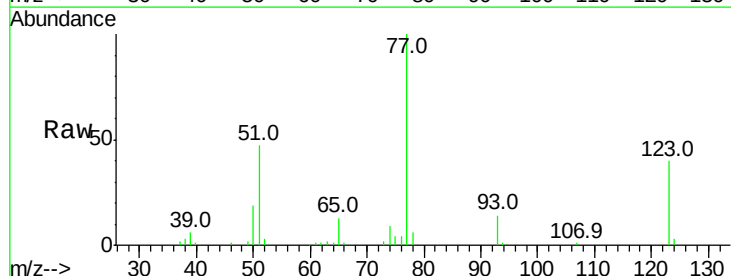
Manual Integrations
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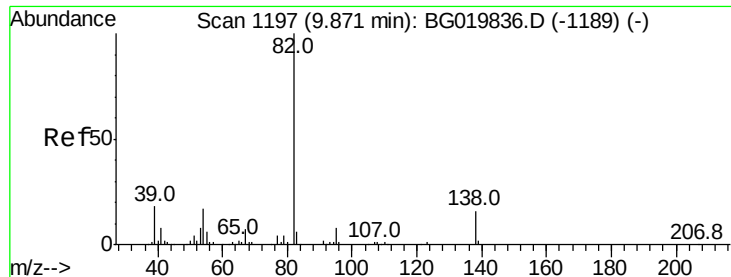
Mmdadoda
12/8/2015 6:30:15 PM



#24
Nitrobenzene
Concen: 43.16 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	67549		
123	40.0	38.2	57.2	
65	13.1	10.6	16.0	





#25

Isophorone

Concen: 38.49 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Instrument :

BNA_G

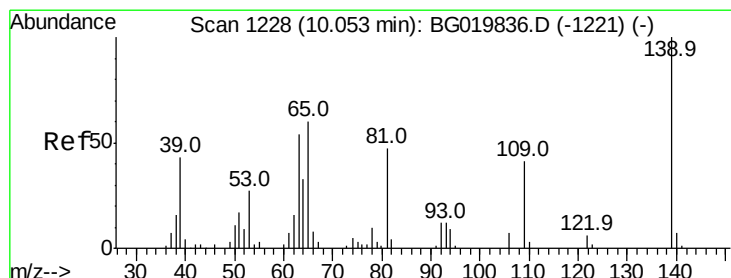
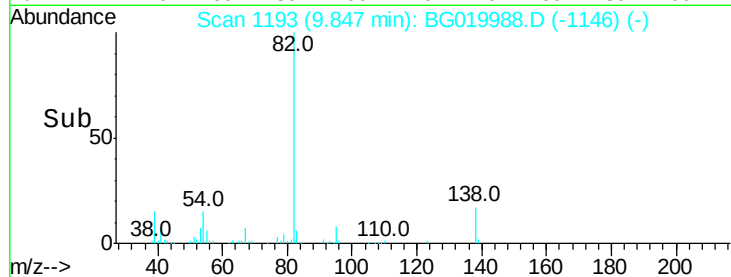
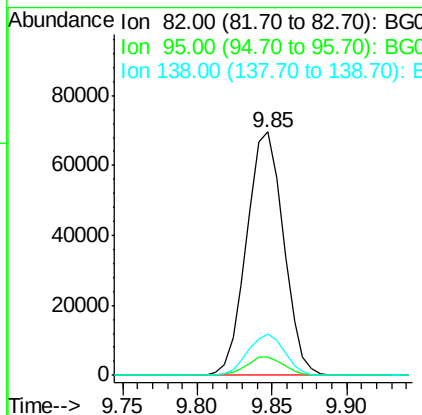
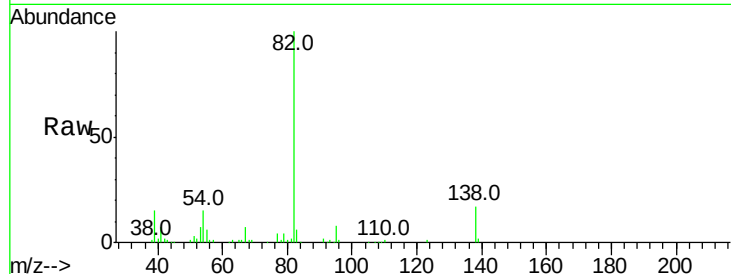
ClientSampleId :

PB87109BS

Tot Ion:	82	Resp:	119069
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.2	7.8
138	17.2	14.4	21.6

Manual Integrations
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Mmdadoda
12/8/2015 6:30:15 PM



#26

2-Nitrophenol

Concen: 47.19 ng

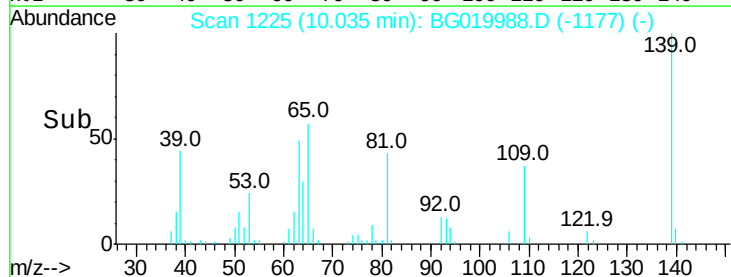
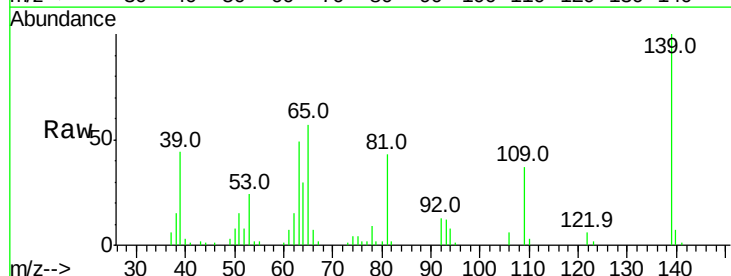
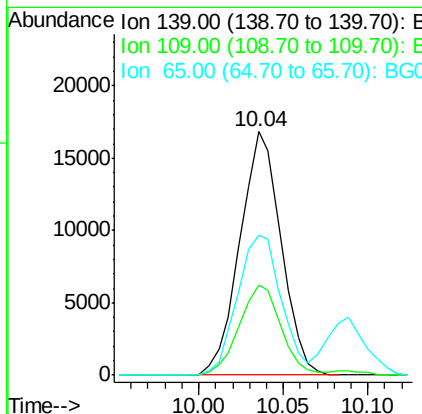
RT: 10.04 min Scan# 1225

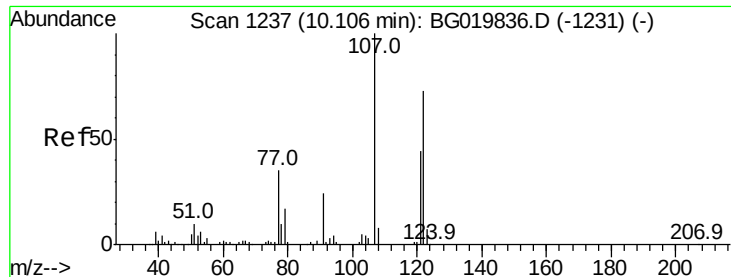
Delta R.T. -0.02 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Tgt Ion:	139	Resp:	28529
Ion Ratio	Lower	Upper	
139	100		
109	36.8	20.1	30.1#
65	57.5	34.1	51.1#





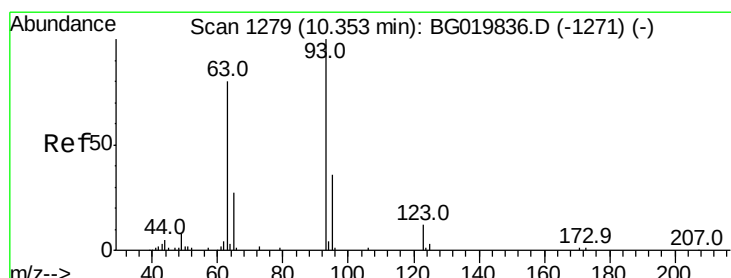
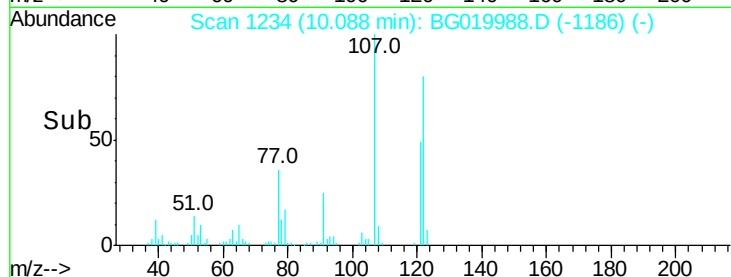
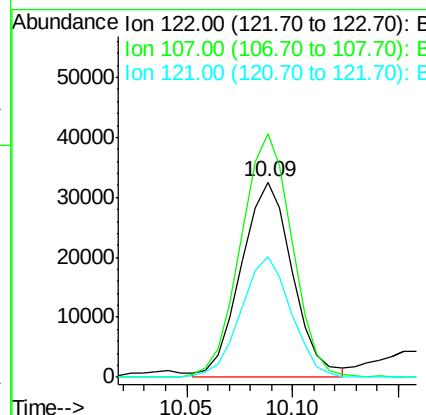
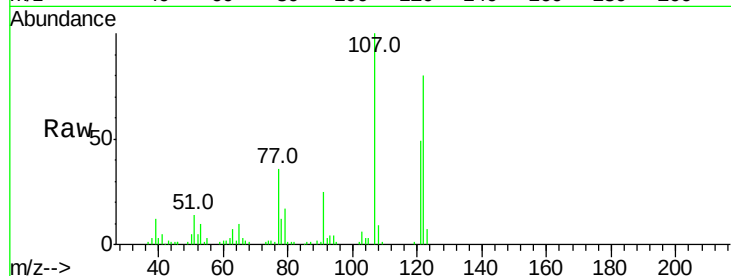
#27
 2,4-Dimethylphenol
 Concen: 43.40 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG019988.D
 Acq: 7 Dec 2015 19:36

Instrument :
 BNA_G
 ClientSampleId :
 PB87109BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.7	91.6	137.4
121	61.5	47.3	70.9

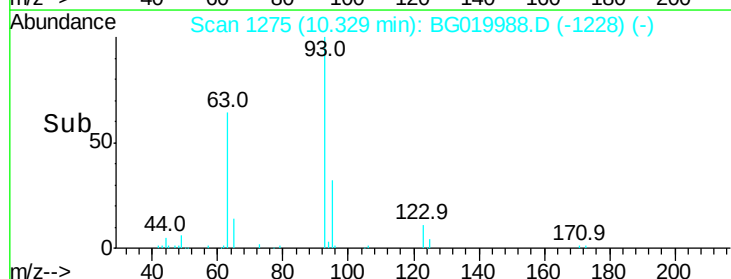
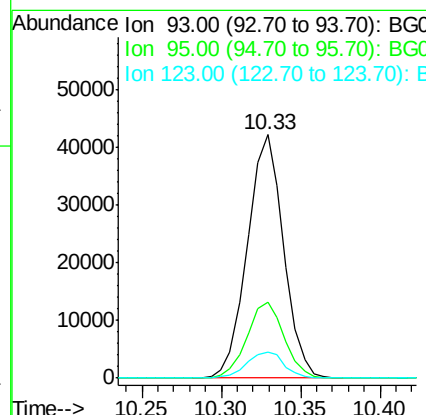
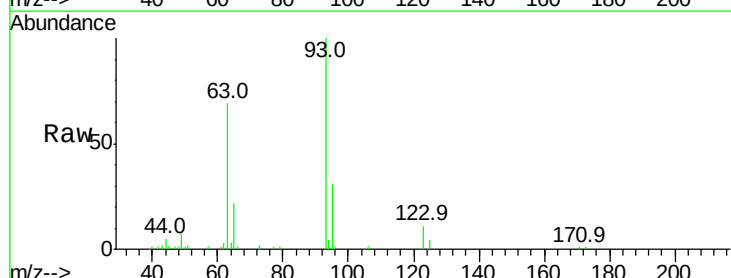
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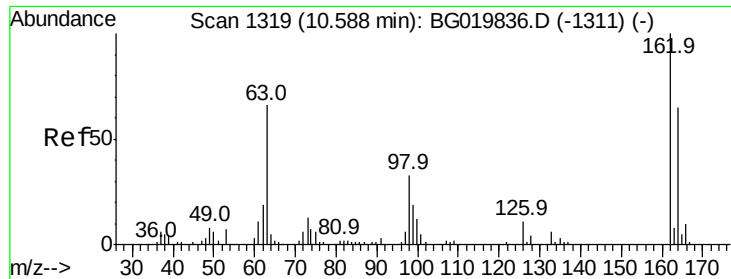
Mmdadoda
 12/8/2015 6:30:15 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.13 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BG019988.D
 Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.7	38.5
123	10.9	8.6	12.8





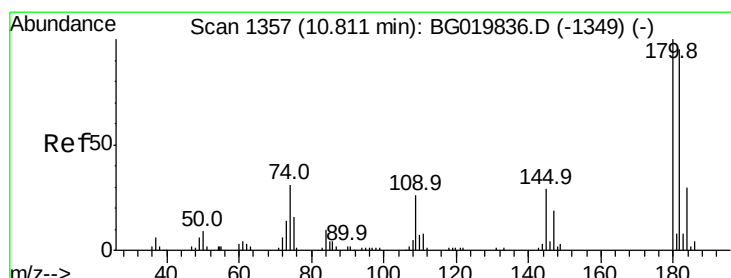
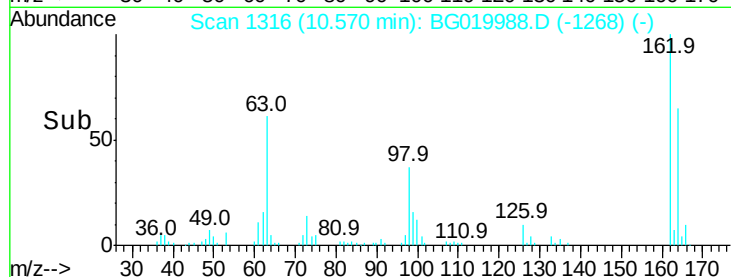
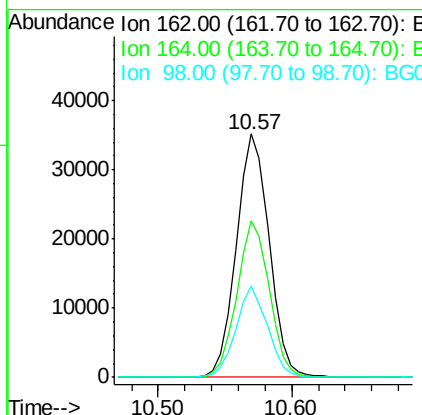
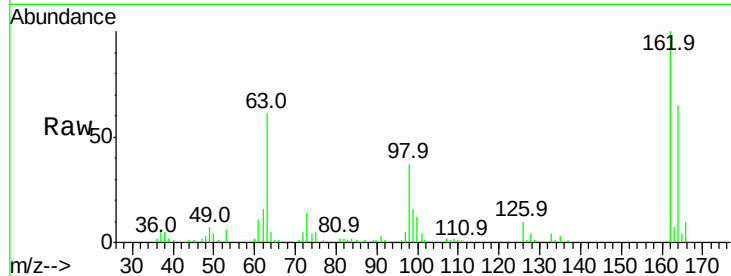
#29
 2,4-Dichlorophenol
 Concen: 46.52 ng
 RT: 10.57 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG019988.D
 Acq: 7 Dec 2015 19:36

Instrument :
 BNA_G
 ClientSampleId :
 PB87109BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	59820		
164	64.6	42.3	82.3	
98	37.4	11.5	51.5	

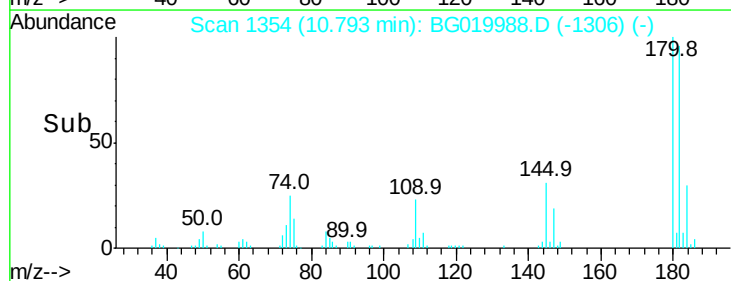
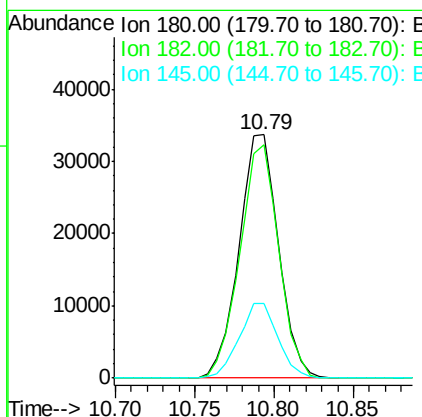
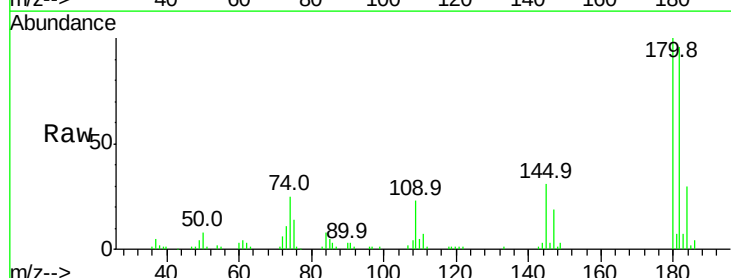
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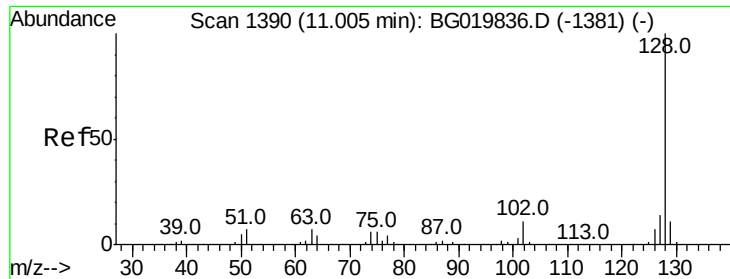
Mmdadoda
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.03 ng
 RT: 10.79 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BG019988.D
 Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	58184		
182	95.7	79.7	119.5	
145	30.8	22.0	33.0	





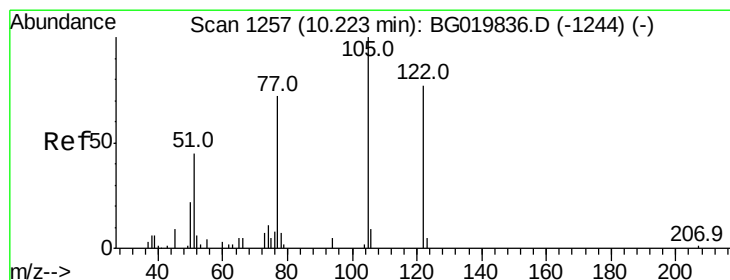
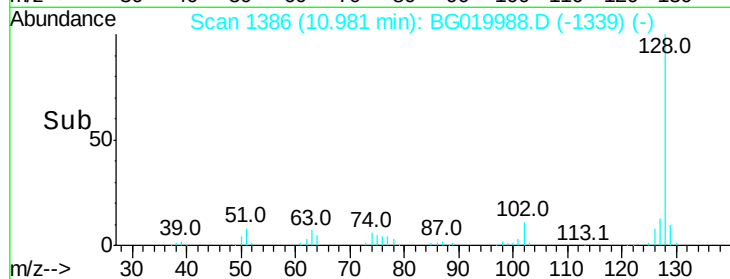
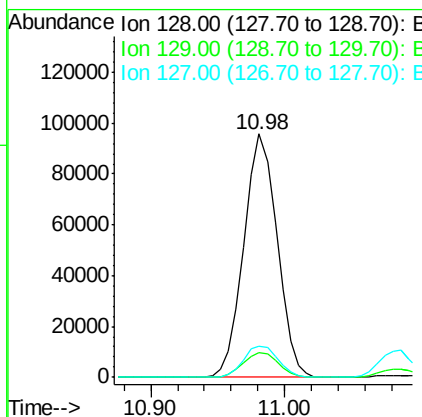
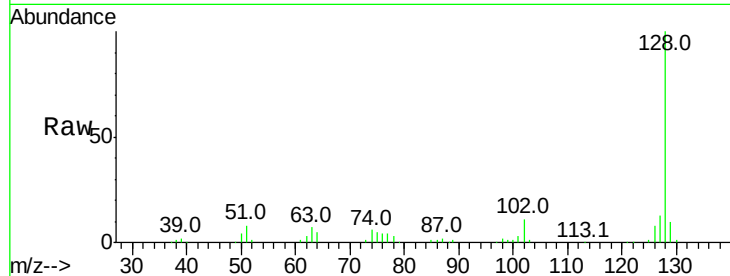
#31
Naphthalene
Concen: 41.84 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Instrument :
BNA_G
ClientSampleId :
PB87109BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.5	12.7
127	12.7	10.6	16.0

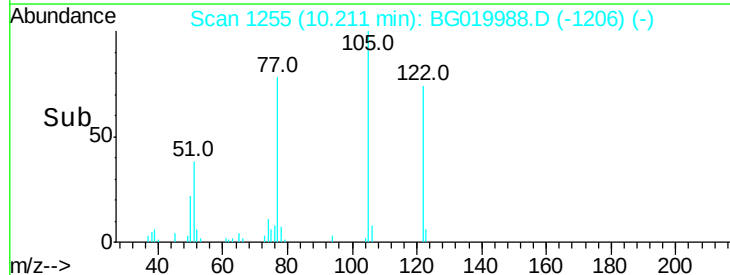
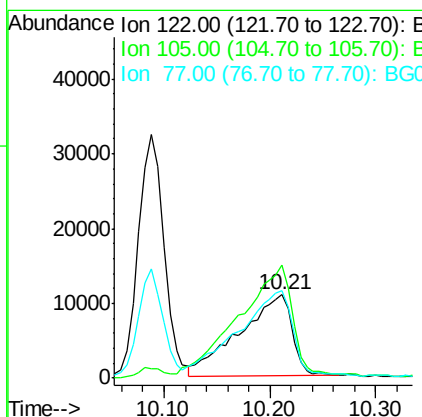
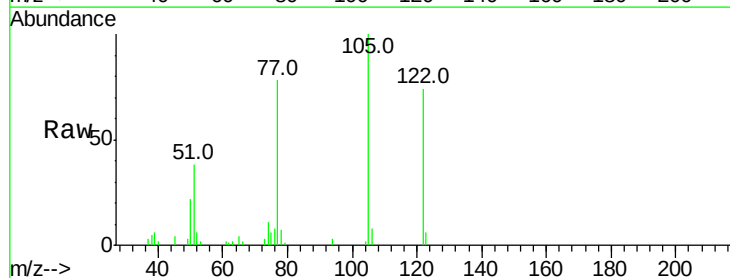
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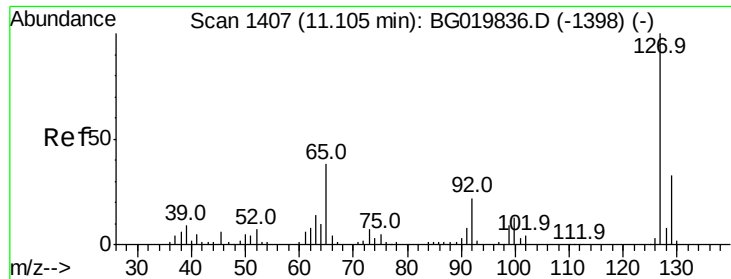
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#32
Benzoic acid
Concen: 45.15 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.7	103.8	143.8
77	104.5	68.8	108.8





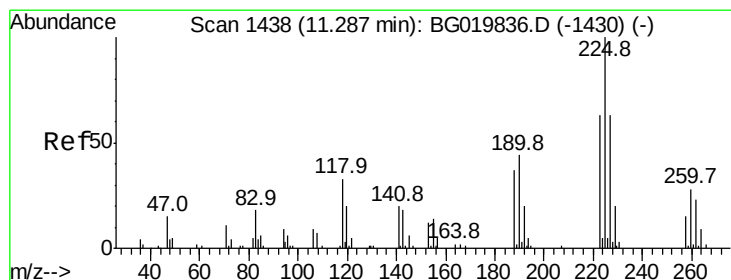
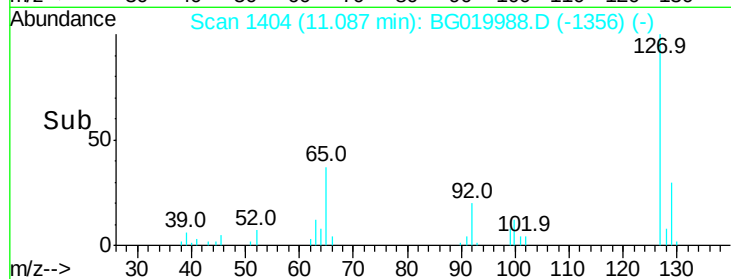
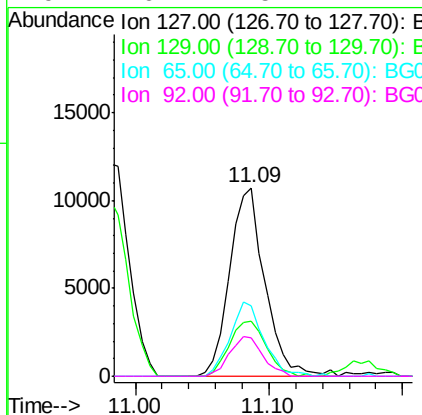
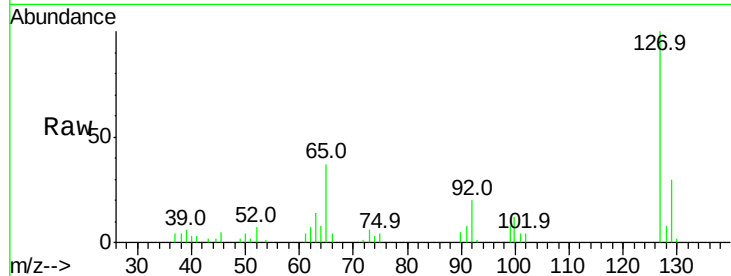
#33
4-Chloroaniline
Concen: 11.37 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Instrument :
BNA_G
ClientSampleId :
PB87109BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.5	24.6	37.0
65	37.3	22.6	33.8
92	20.1	15.1	22.7

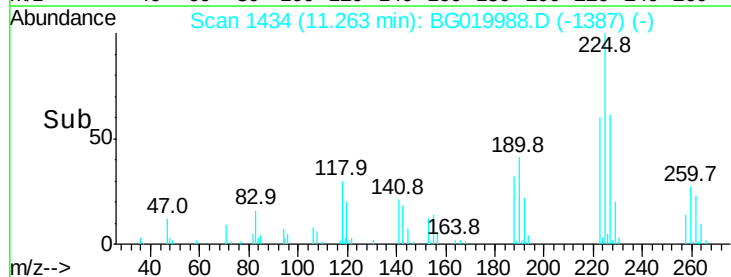
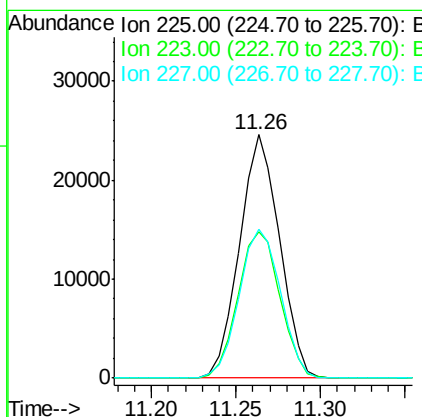
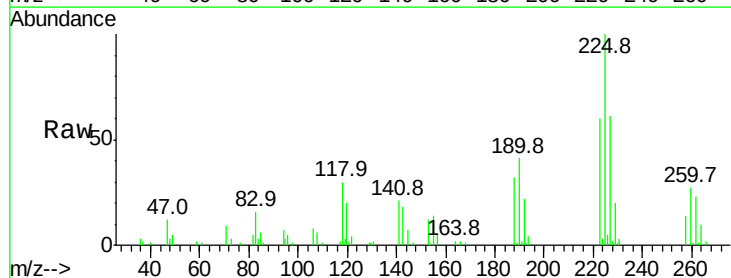
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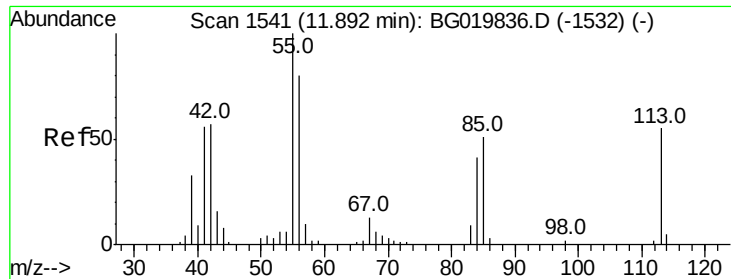
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#34
Hexachlorobutadiene
Concen: 37.93 ng
RT: 11.26 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.4	51.0	76.4
227	58.1	51.8	77.8





#35

Caprolactam

Concen: 42.88 ng/ml

RT: 11.85 min Scan# 1534

Delta R.T. -0.04 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Instrument :

BNA_G

ClientSampleId :

PB87109BS

Tot Ion:113 Resp: 20529

Ion Ratio Lower Upper

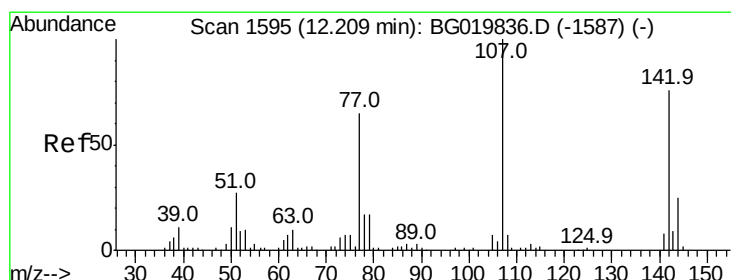
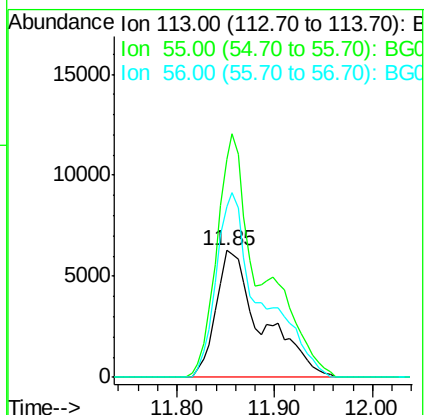
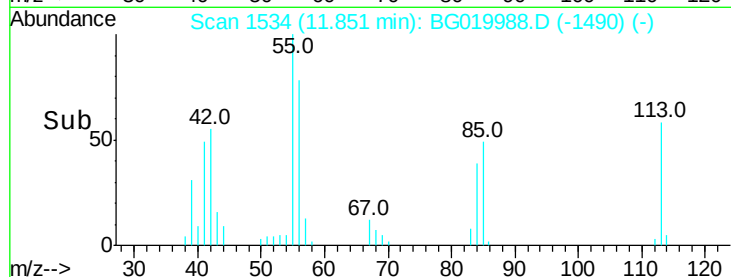
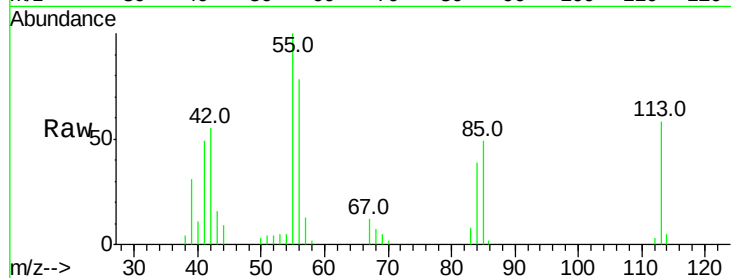
113 100

55 172.4 135.0 175.0

56 135.0 83.4 123.4#

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#36

4-Chloro-3-methylphenol

Concen: 42.64 ng/ml

RT: 12.20 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

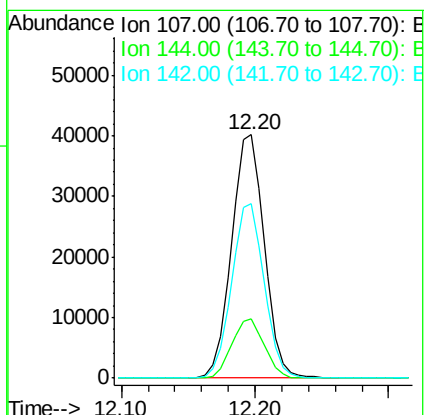
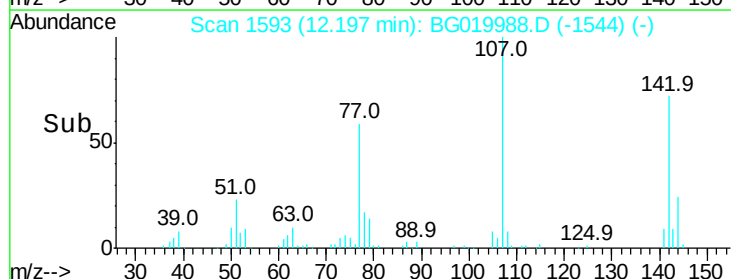
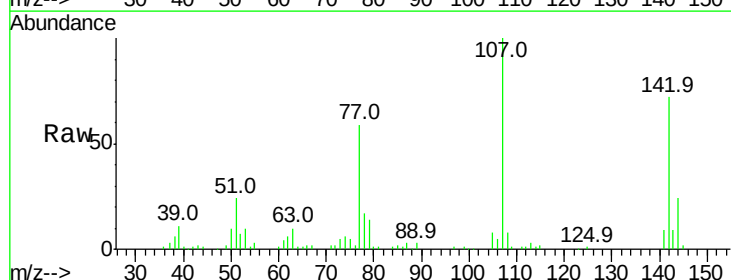
Tgt Ion:107 Resp: 68286

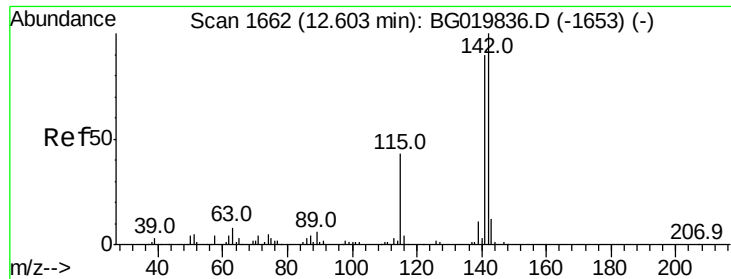
Ion Ratio Lower Upper

107 100

144 24.3 20.6 31.0

142 71.6 62.6 93.8





#37

2-Methylnaphthalene

Concen: 42.73 ng

RT: 12.58 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Instrument :

BNA_G

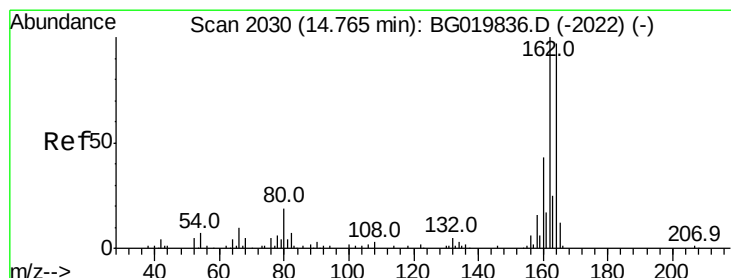
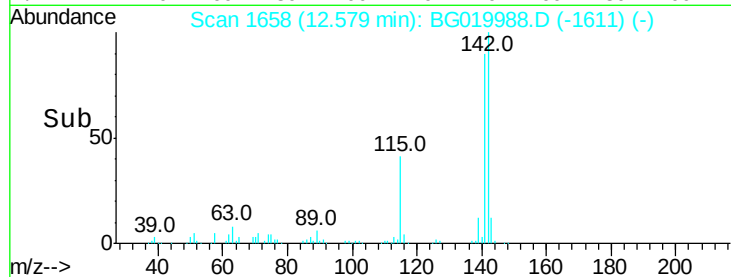
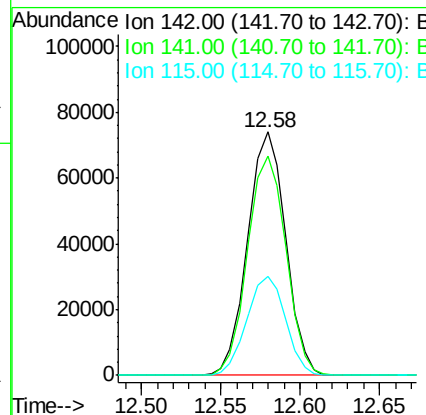
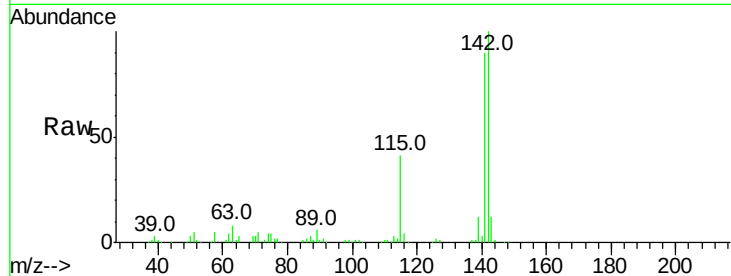
ClientSampleId :

PB87109BS

Tot Ion:	142	Resp:	123536
Ion Ratio	Lower	Upper	
142	100		
141	89.9	74.6	112.0
115	40.6	27.4	41.0

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#38

Acenaphthene-d10

Concen: 20.00 ng

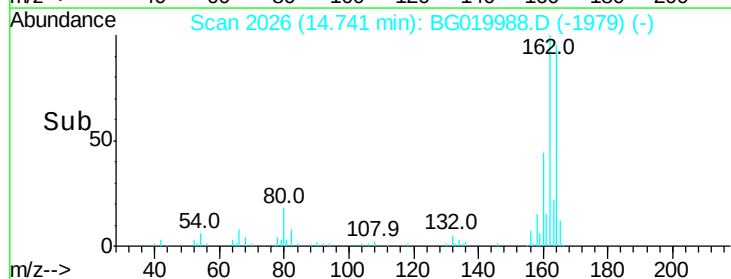
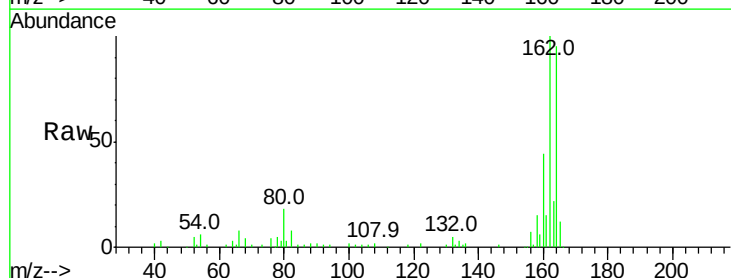
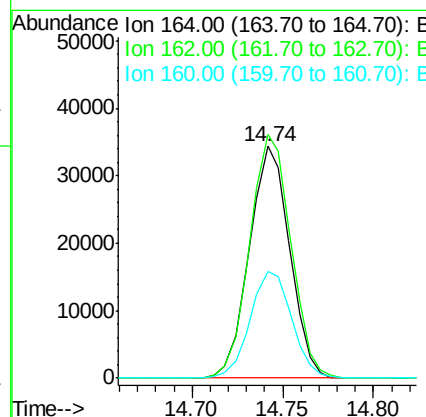
RT: 14.74 min Scan# 2026

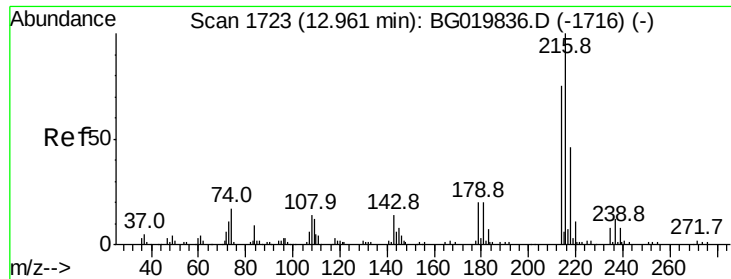
Delta R.T. -0.02 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Tgt Ion:	164	Resp:	53110
Ion Ratio	Lower	Upper	
164	100		
162	105.2	78.8	118.2
160	46.1	36.4	54.6





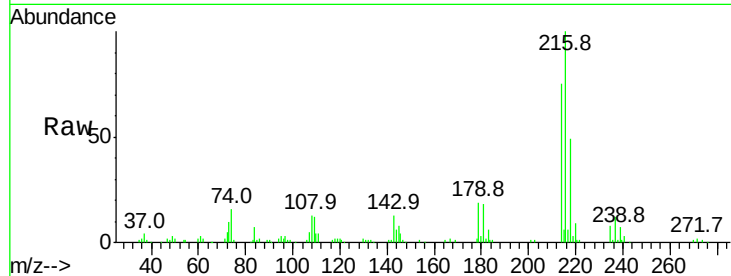
#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.89 ng
RT: 12.94 min Scan# 1720
Delta R.T. -0.02 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Instrument :
BNA_G
ClientSampleId :
PB87109BS

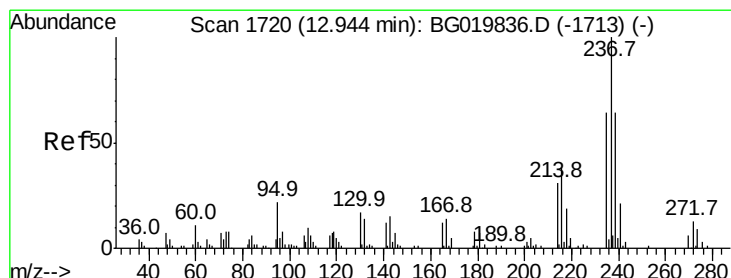
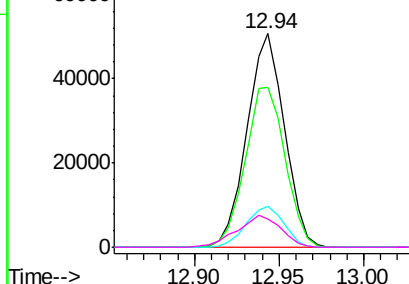
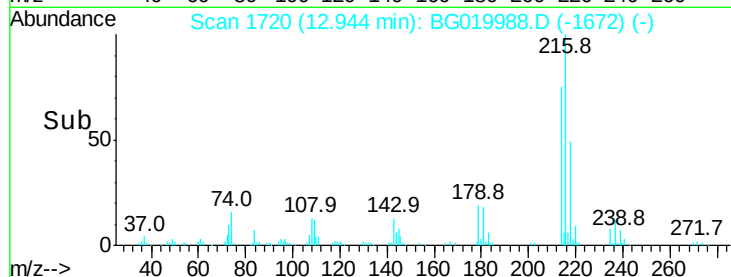
Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6	62.5	93.7	
179	19.3	15.6	23.4	
108	17.7	13.3	19.9	

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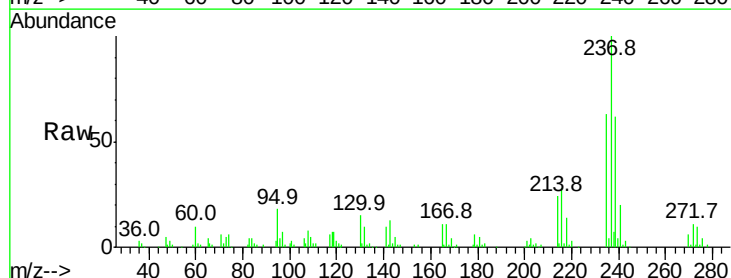


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

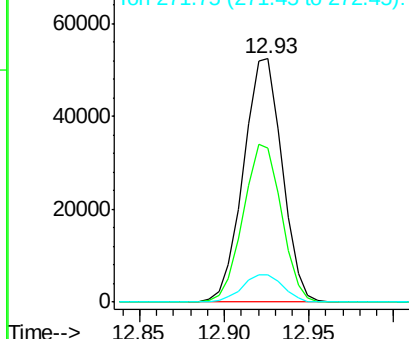
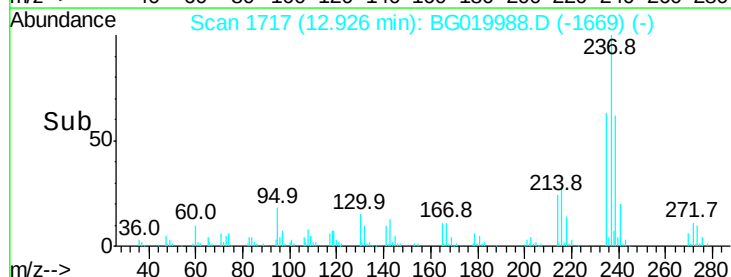


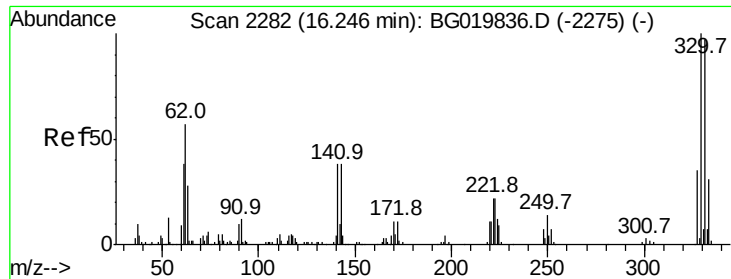
#40
Hexachlorocyclopentadiene
Concen: 72.72 ng
RT: 12.93 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.0	44.6	84.6	
272	11.2	0.0	32.8	



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





#41

2,4,6-Tribromophenol

Concen: 119.03 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Instrument :

BNA_G

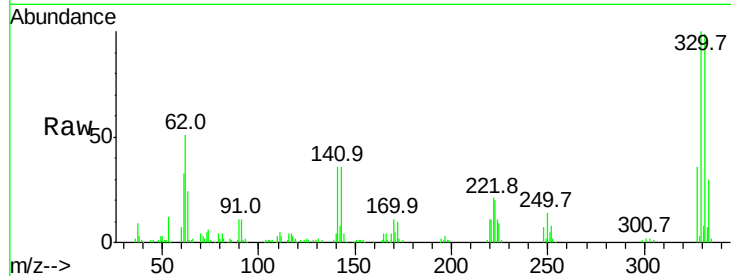
ClientSampleId :

PB87109BS

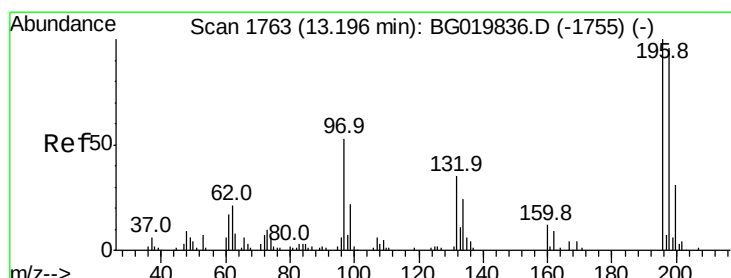
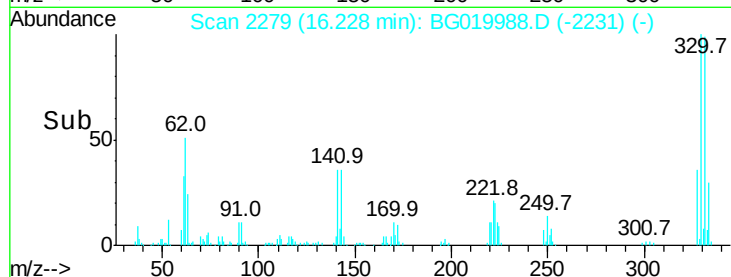
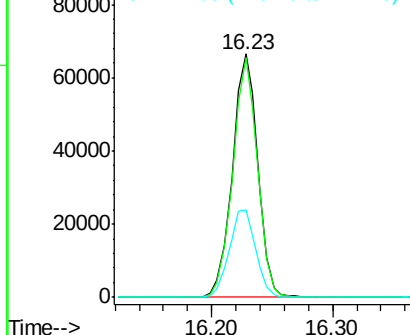
Tot Ion:	330	Resp:	96724
Ion Ratio	Lower	Upper	
330	100		
332	96.4	78.1	117.1
141	37.6	28.2	42.2

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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: 41.67 ng

RT: 13.18 min Scan# 1760

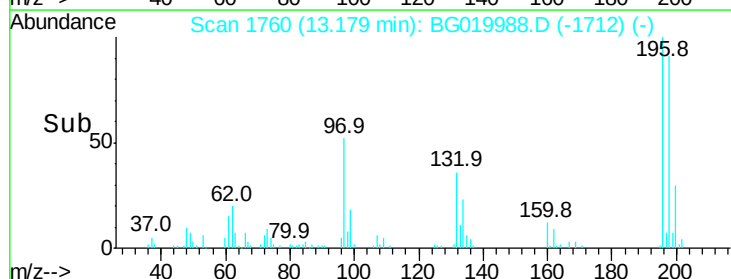
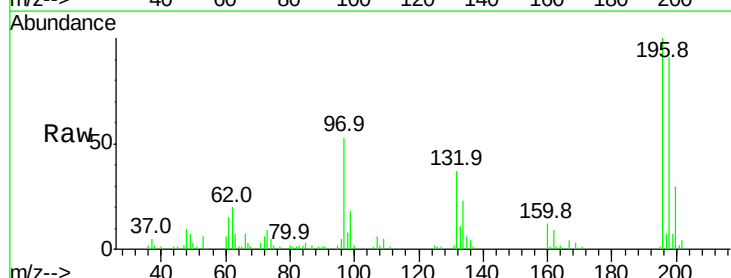
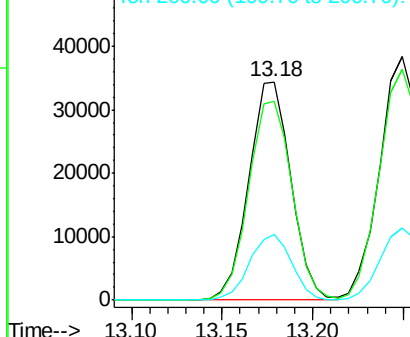
Delta R.T. -0.02 min

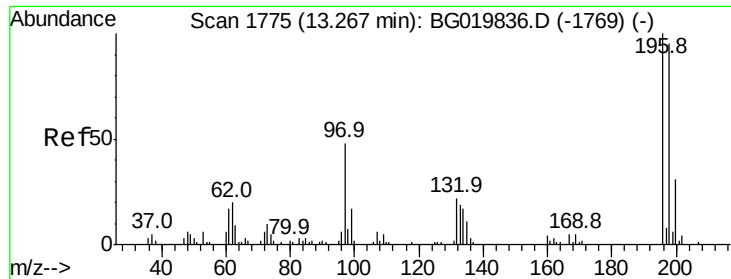
Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Tgt Ion:	196	Resp:	55601
Ion Ratio	Lower	Upper	
196	100		
198	91.0	74.7	112.1
200	30.1	24.1	36.1

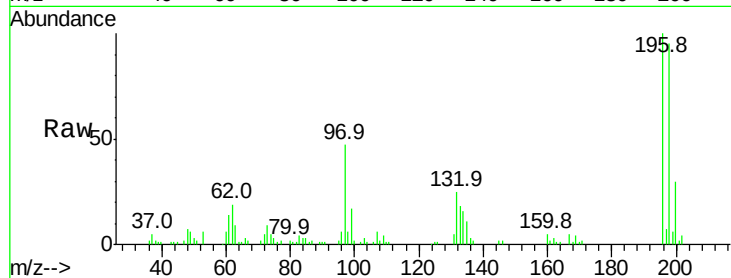
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 43.17 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG019988.D
 Acq: 7 Dec 2015 19:36

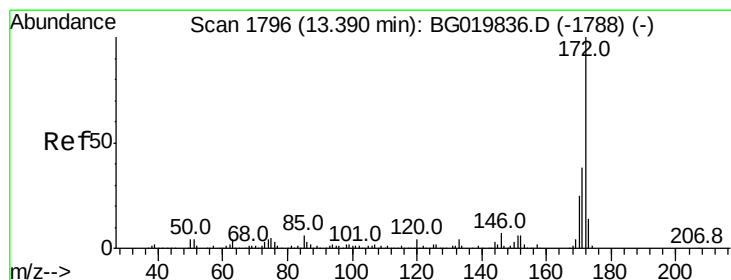
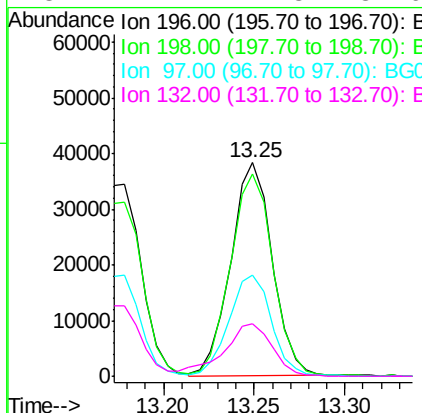
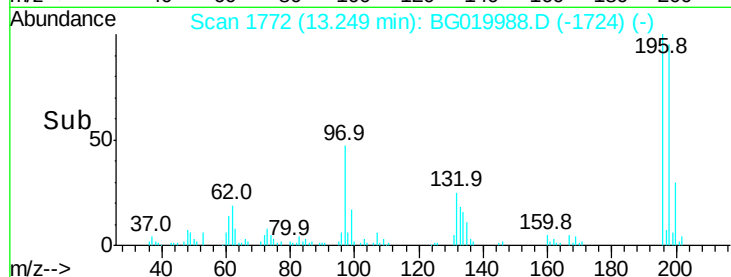
Instrument :
 BNA_G
 ClientSampleId :
 PB87109BS



Tot Ion	Ratio	Resp	Lower	Upper
196	100	60881		
198	94.8	75.2	112.8	
97	47.5	34.2	51.2	
132	24.7	21.8	32.6	

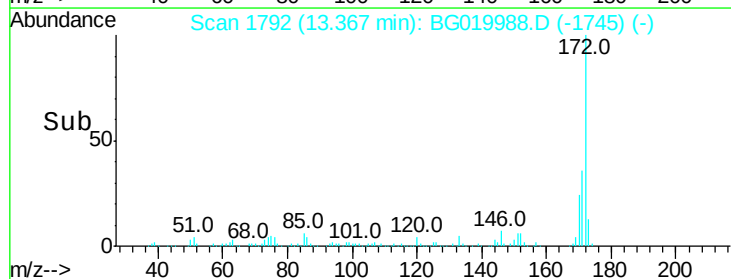
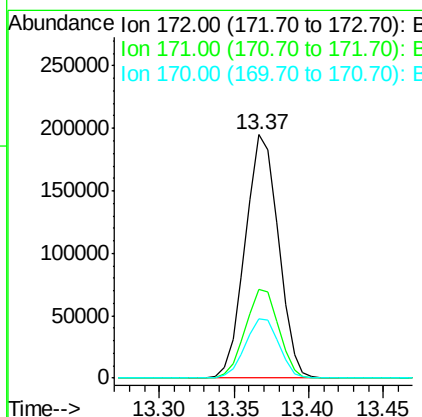
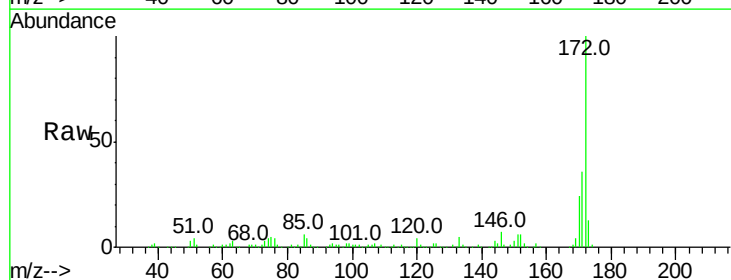
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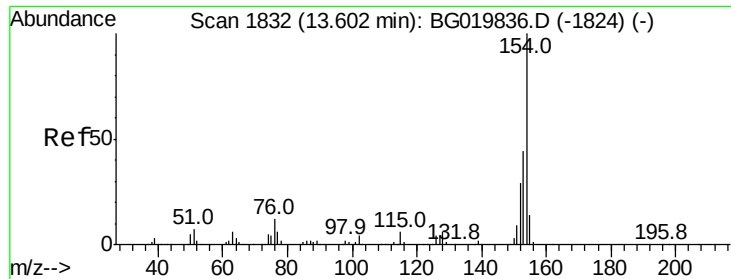
Mmdadoda
 12/8/2015 6:30:15 PM



#44
 2-Fluorobiphenyl
 Concen: 76.97 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG019988.D
 Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	299388		
171	36.3	29.0	43.6	
170	24.5	19.9	29.9	





#45

1,1'-Biphenyl

Concen: 37.46 ng

RT: 13.58 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Instrument :

BNA_G

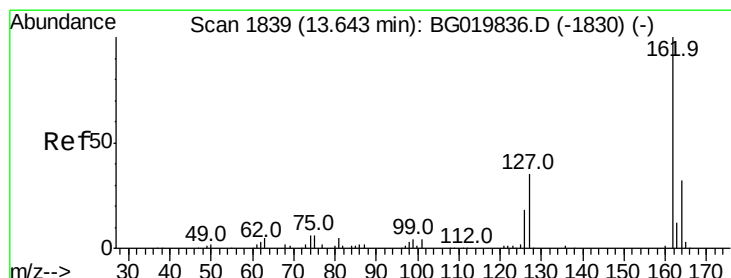
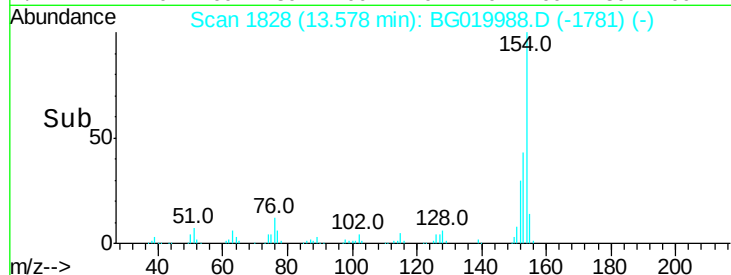
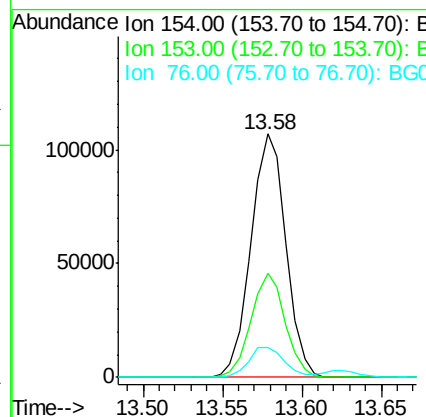
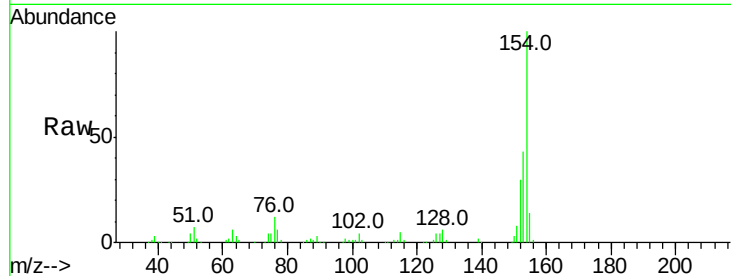
ClientSampled :

PB87109BS

Tot Ion:	154	Resp:	163280
Ion Ratio	Lower	Upper	
154	100		
153	42.5	21.9	61.9
76	12.1	0.0	33.2

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#46

2-Chloronaphthalene

Concen: 39.62 ng

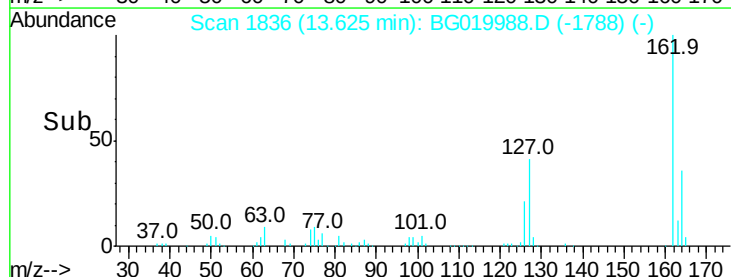
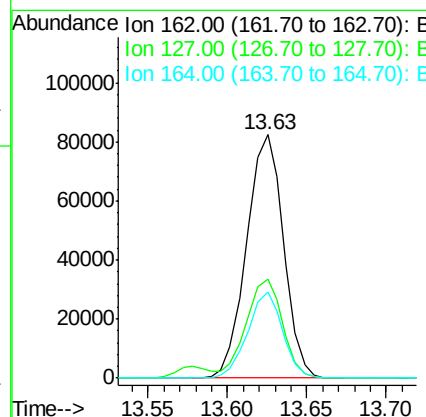
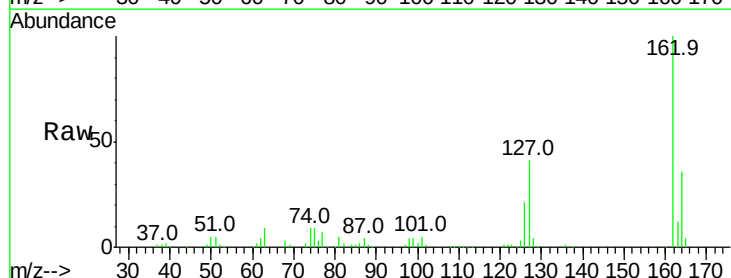
RT: 13.63 min Scan# 1836

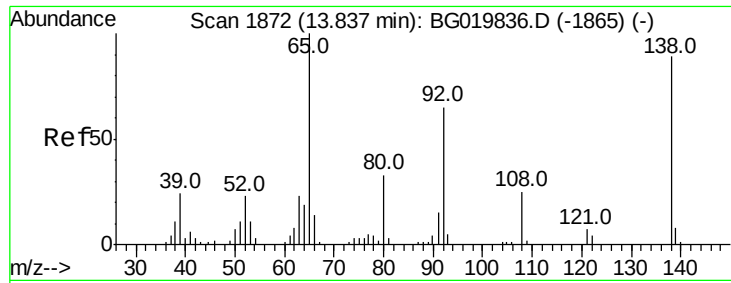
Delta R.T. -0.02 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Tgt Ion:	162	Resp:	133121
Ion Ratio	Lower	Upper	
162	100		
127	40.9	28.3	42.5
164	35.6	27.4	41.0





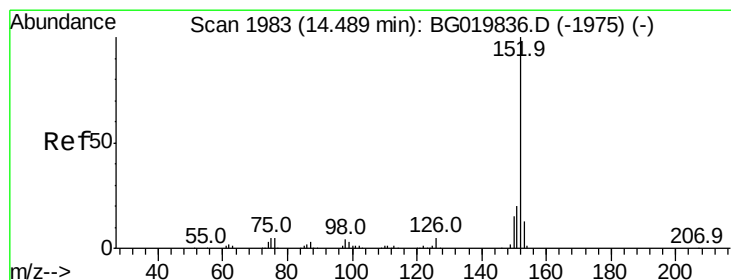
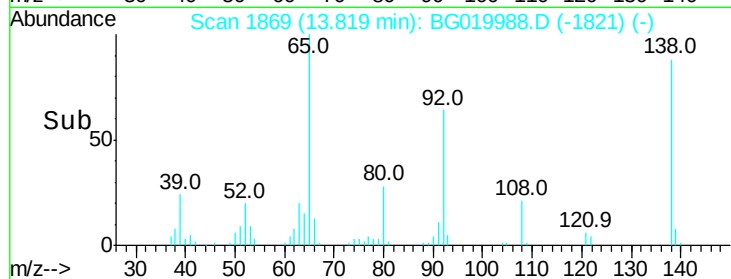
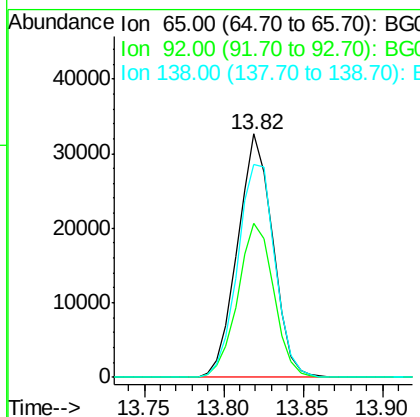
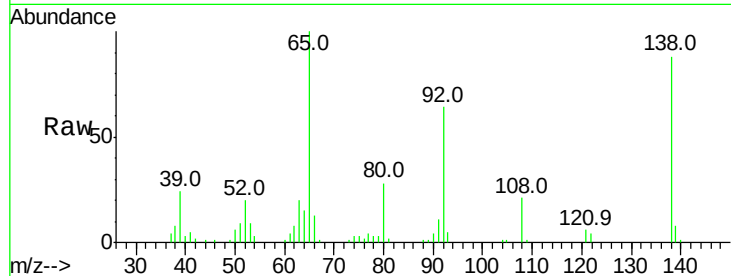
#47
2-Nitroaniline
Concen: 47.30 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Instrument :
BNA_G
ClientSampleId :
PB87109BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.5	54.8	82.2
138	87.5	89.6	134.4#

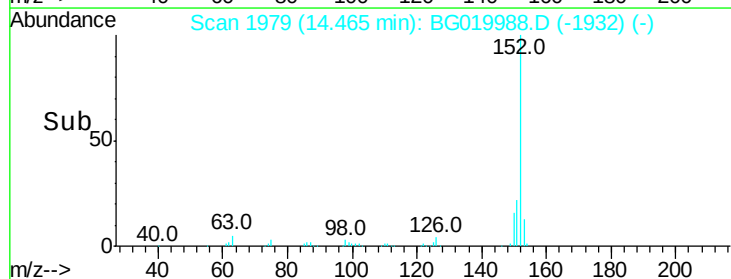
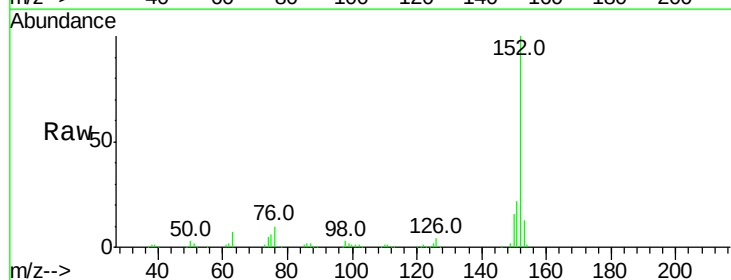
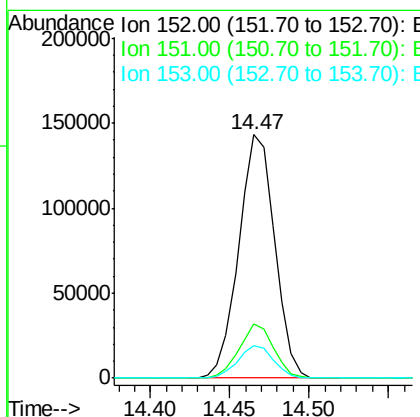
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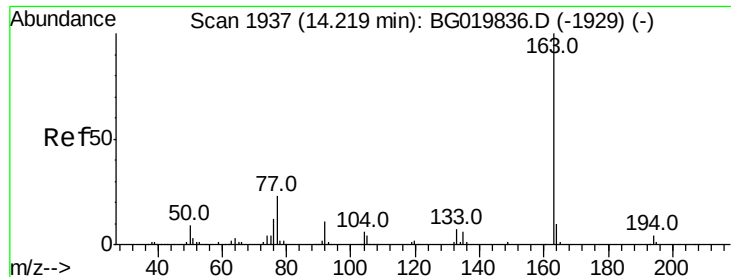
Mmdadoda
12/8/2015 6:30:15 PM



#48
Acenaphthylene
Concen: 39.36 ng
RT: 14.47 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.0	25.4
153	13.4	10.4	15.6





#49

Dimethylphthalate

Concen: 38.58 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Instrument :

BNA_G

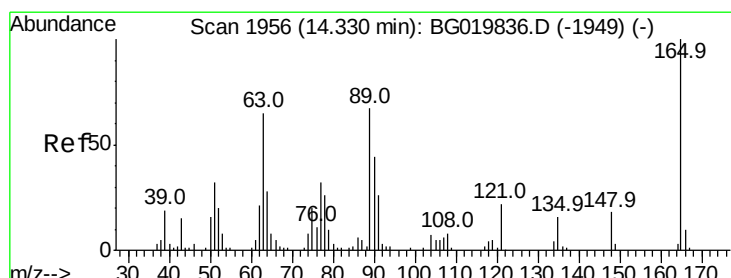
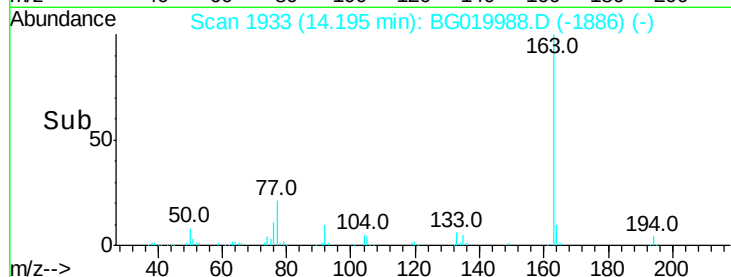
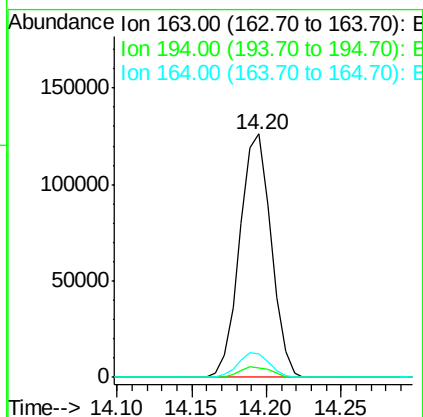
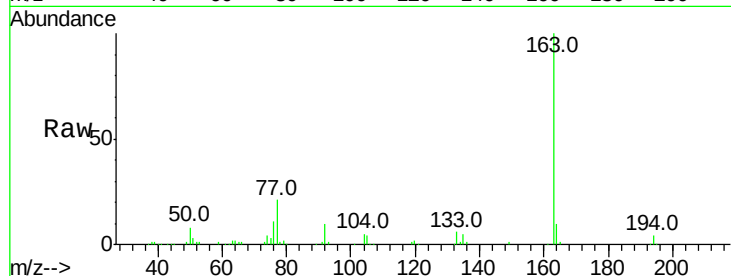
ClientSampleId :

PB87109BS

Tot Ion:	163	Resp:	184308
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.1	4.7
164	9.8	8.8	13.2

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#50

2,6-Dinitrotoluene

Concen: 45.04 ng

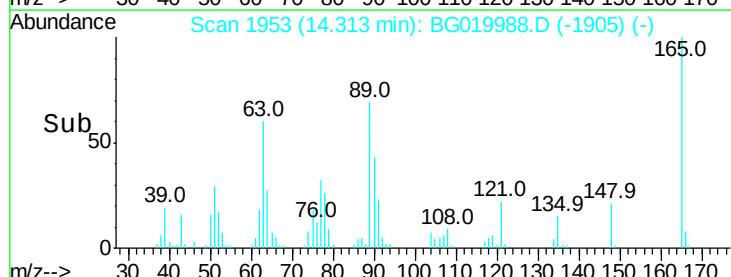
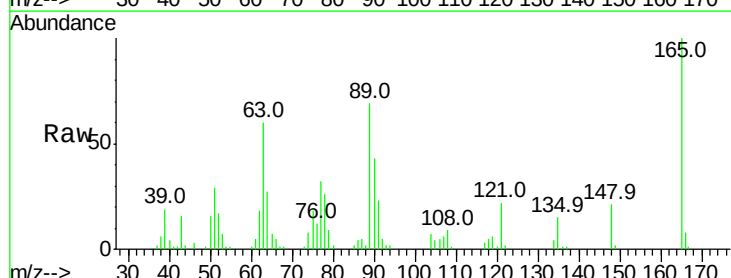
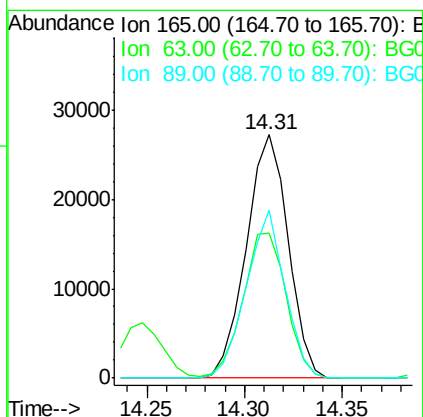
RT: 14.31 min Scan# 1953

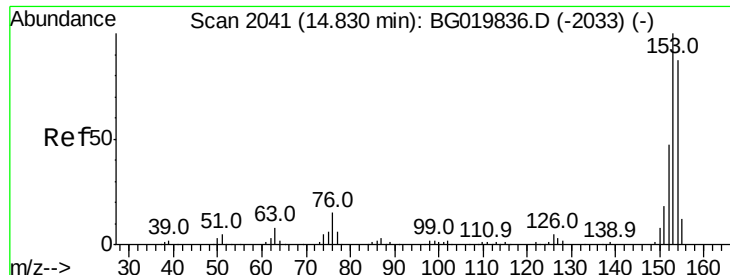
Delta R.T. -0.02 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Tgt Ion:	165	Resp:	40454
Ion Ratio	Lower	Upper	
165	100		
63	59.6	35.7	53.5#
89	69.3	39.7	59.5#





#51

Acenaphthene

Concen: 39.60 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Instrument :

BNA_G

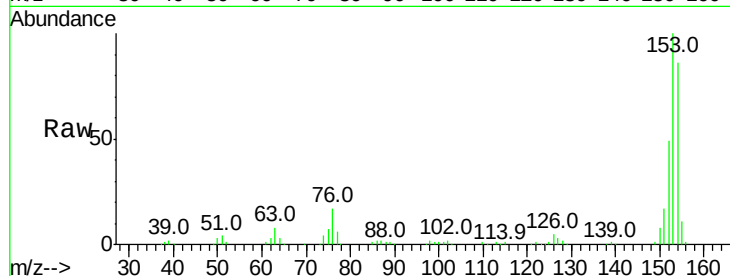
ClientSampled :

PB87109BS

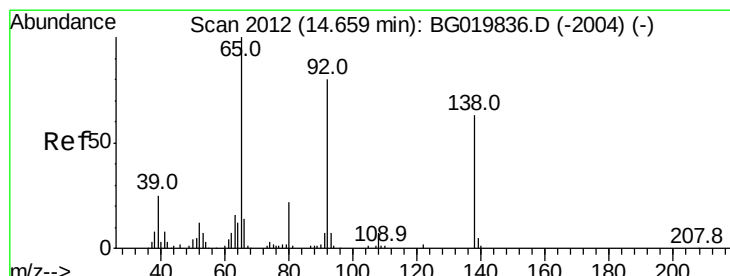
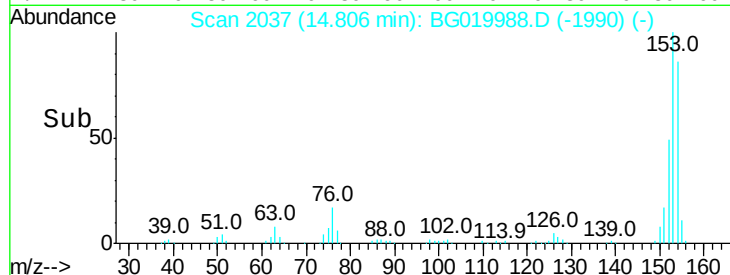
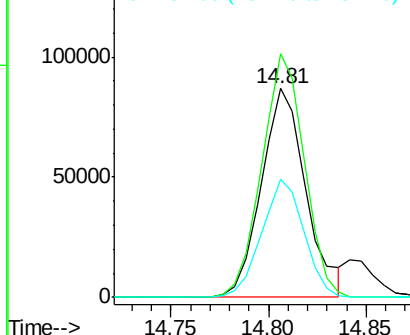
Tot Ion:	154	Resp:	137515
Ion Ratio	Lower	Upper	
154	100		
153	116.7	92.9	139.3
152	56.9	45.8	68.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.50 ng

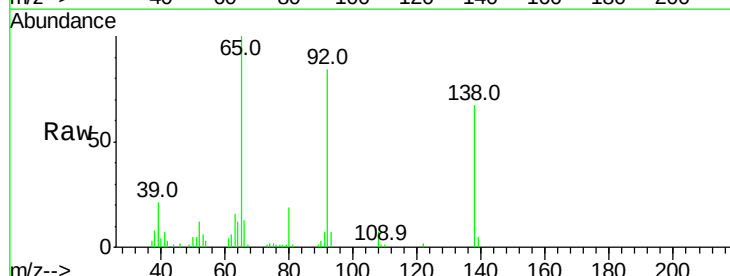
RT: 14.64 min Scan# 2008

Delta R.T. -0.02 min

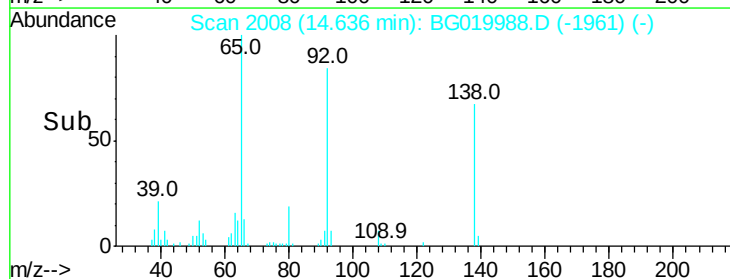
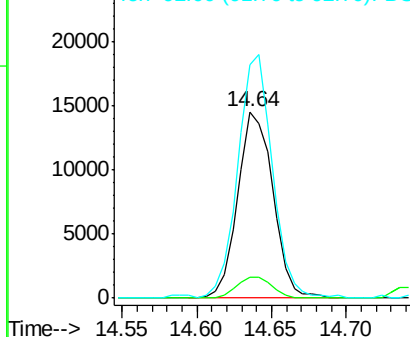
Lab File: BG019988.D

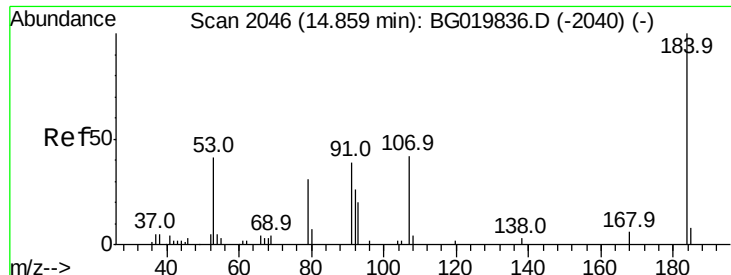
Acq: 7 Dec 2015 19:36

Tgt Ion:	138	Resp:	23793
Ion Ratio	Lower	Upper	
138	100		
108	10.9	7.9	11.9
92	125.2	94.2	141.4



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





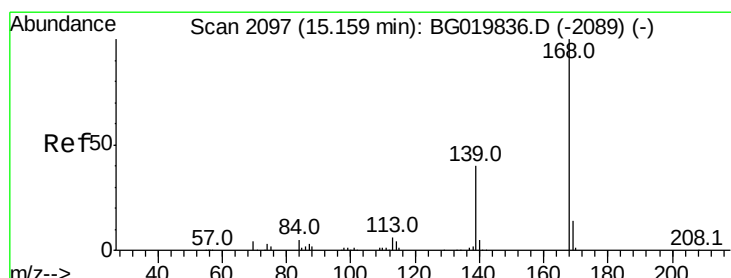
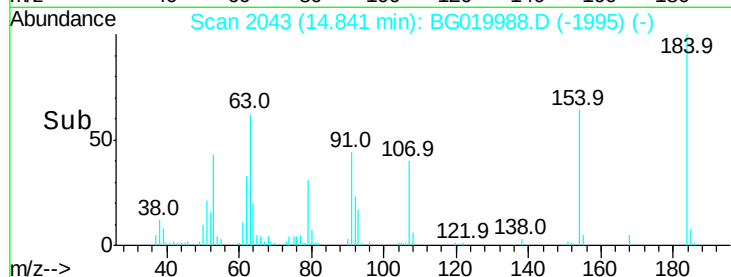
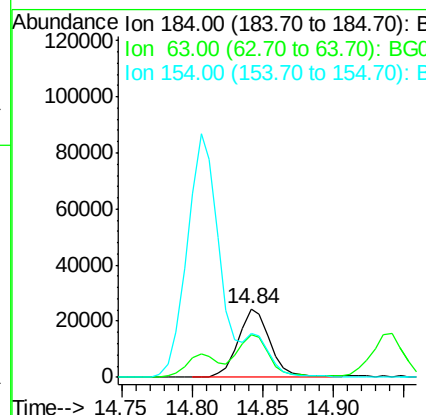
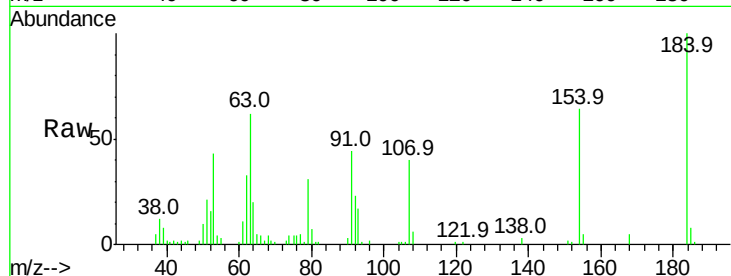
#53
 2,4-Dinitrophenol
 Concen: 81.70 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG019988.D
 Acq: 7 Dec 2015 19:36

Instrument :
 BNA_G
 ClientSampleId :
 PB87109BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	62.5	42.7	64.1	
154	63.9	44.3	66.5	

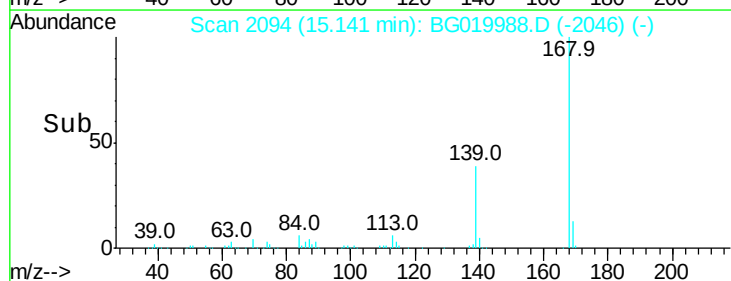
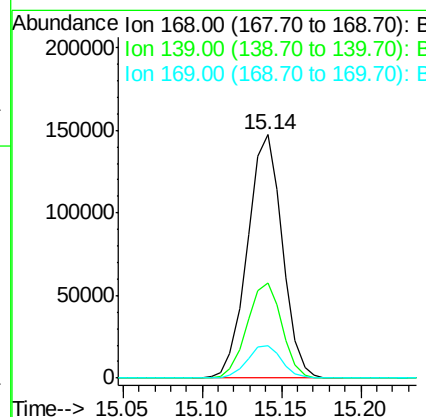
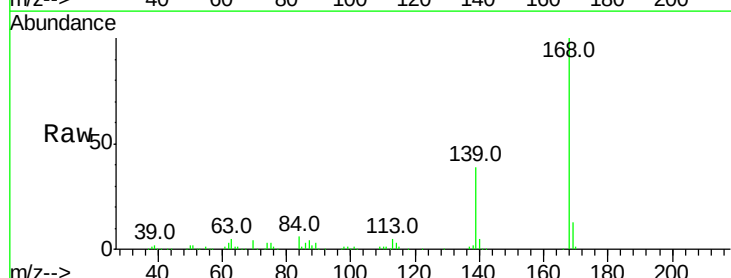
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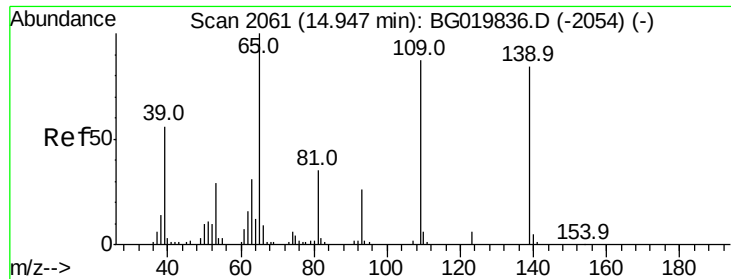
Mmdadoda
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#54
 Dibenzofuran
 Concen: 43.35 ng
 RT: 15.14 min Scan# 2094
 Delta R.T. -0.02 min
 Lab File: BG019988.D
 Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.2	27.4	41.0	
169	13.4	11.0	16.4	





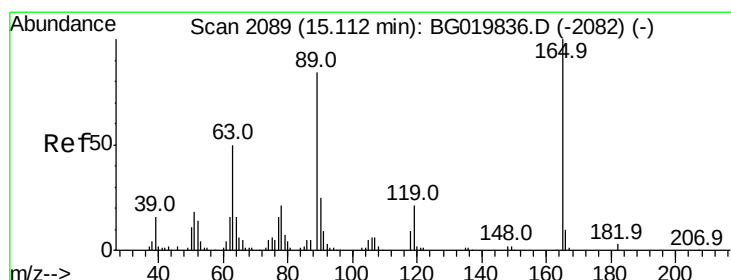
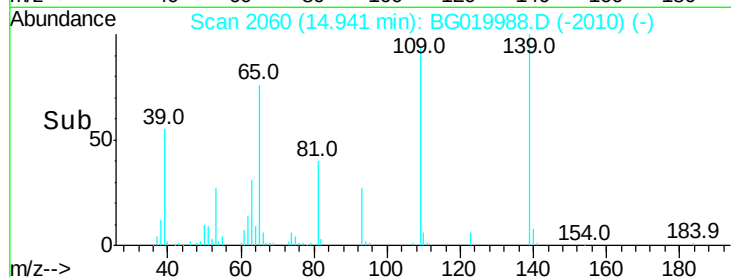
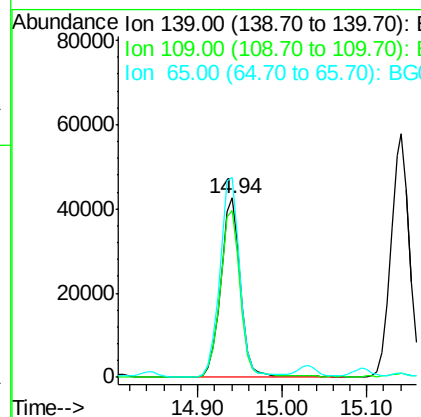
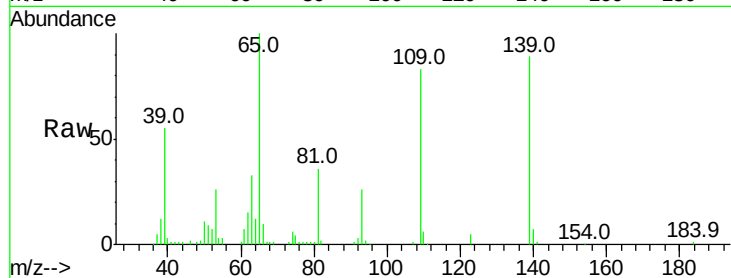
#55
4-Nitrophenol
Concen: 86.66 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Instrument :
BNA_G
ClientSampleId :
PB87109BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	92.6	43.2	83.2#	
65	111.7	67.8	107.8#	

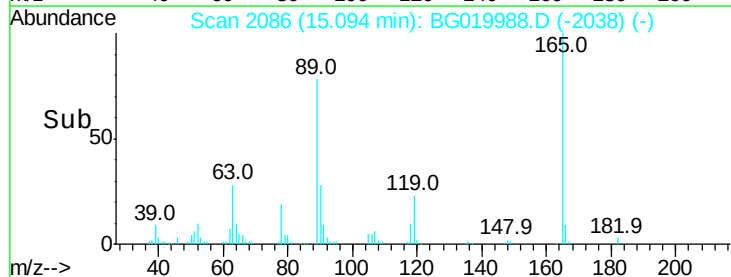
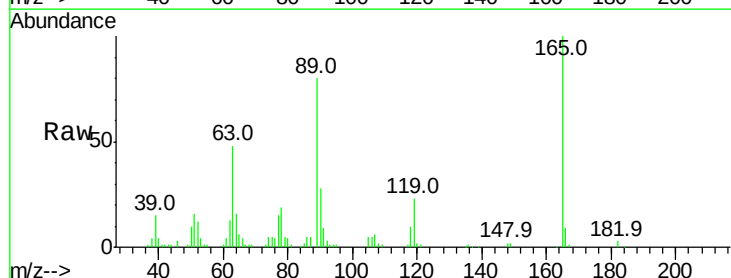
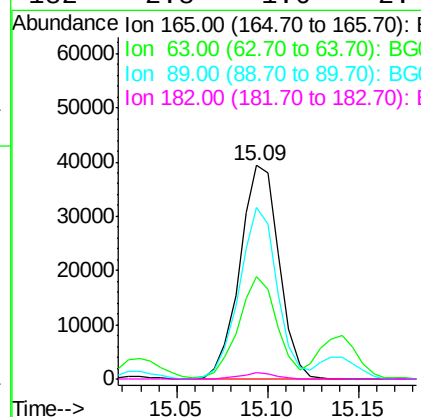
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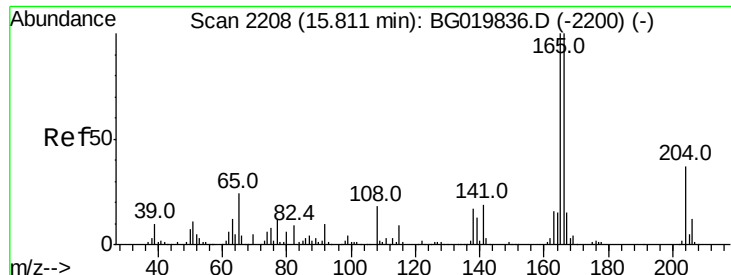
Mmdadoda
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#56
2,4-Dinitrotoluene
Concen: 47.25 ng
RT: 15.09 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.7	31.0	46.4#	
89	80.3	54.4	81.6	
182	2.8	1.6	2.4#	





#57

Fluorene

Concen: 39.60 ng

RT: 15.79 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Instrument :

BNA_G

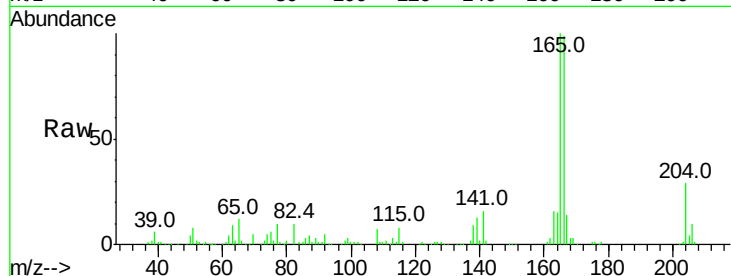
ClientSampleId :

PB87109BS

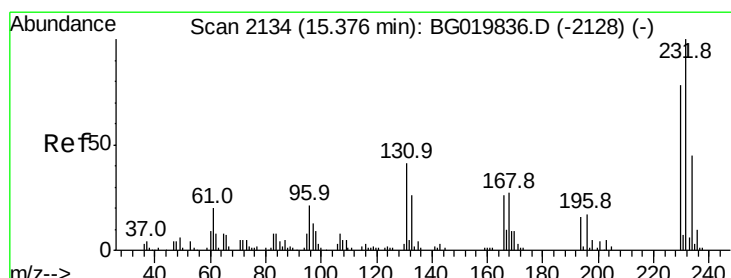
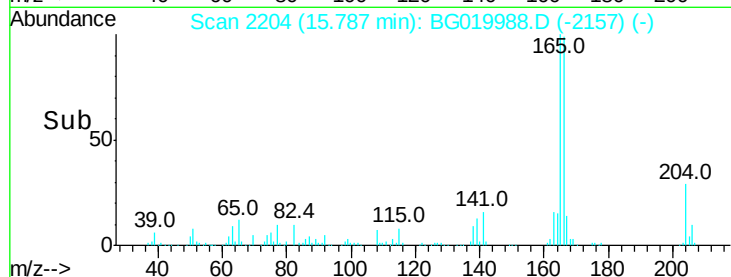
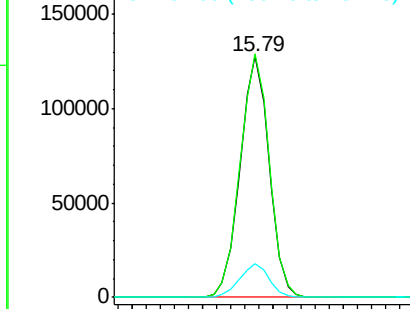
Tot Ion:	166	Resp:	183111
Ion Ratio	Lower	Upper	
166	100		
165	101.1	80.0	120.0
167	14.0	11.1	16.7

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.17 ng

RT: 15.36 min Scan# 2131

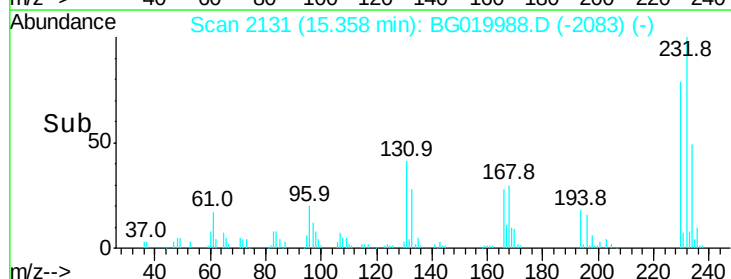
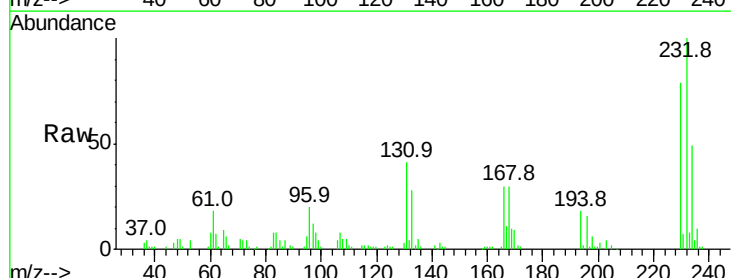
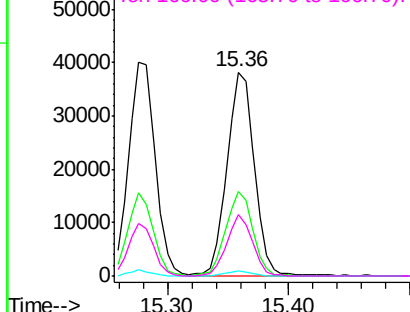
Delta R.T. -0.02 min

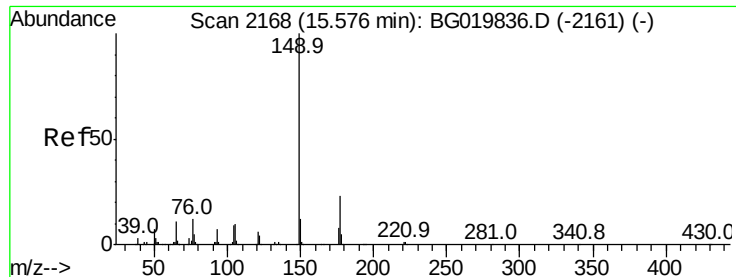
Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Tgt Ion:	232	Resp:	60261
Ion Ratio	Lower	Upper	
232	100		
131	41.0	33.0	49.6
130	2.3	2.0	3.0
166	28.0	24.1	36.1

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





#59

Diethylphthalate

Concen: 37.88 ng

RT: 15.55 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Instrument :

BNA_G

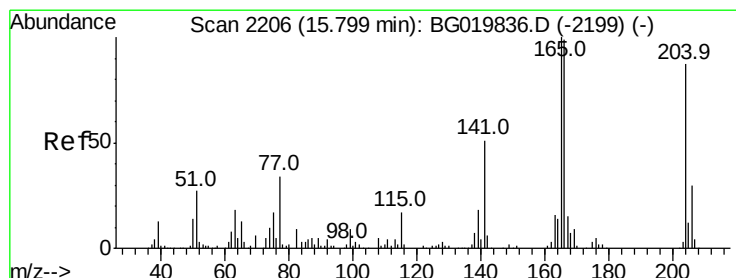
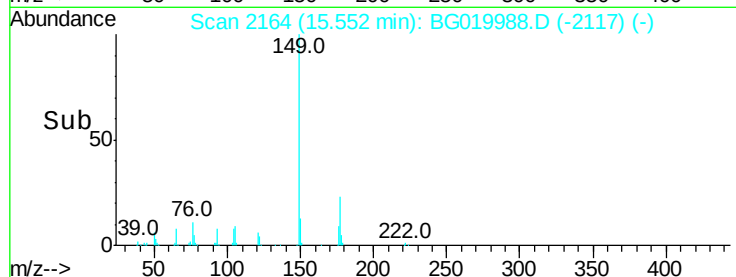
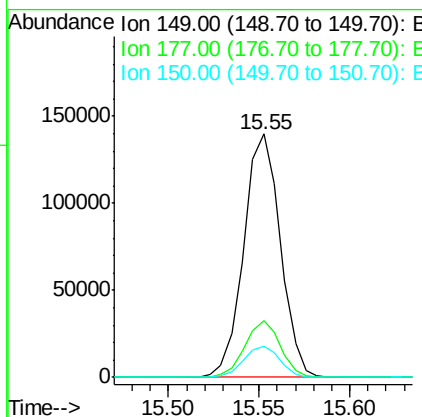
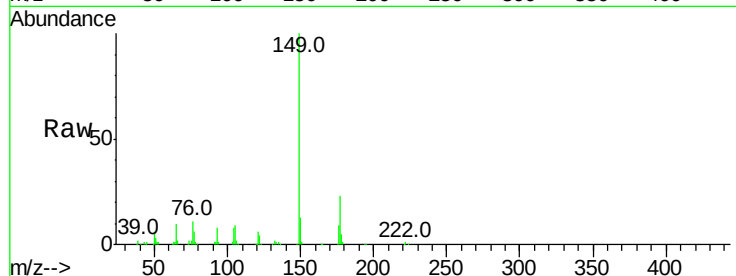
ClientSampleId :

PB87109BS

Tot Ion:	149	Resp:	195840
Ion Ratio	Lower	Upper	
149	100		
177	23.2	19.6	29.4
150	12.6	10.2	15.2

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 38.01 ng

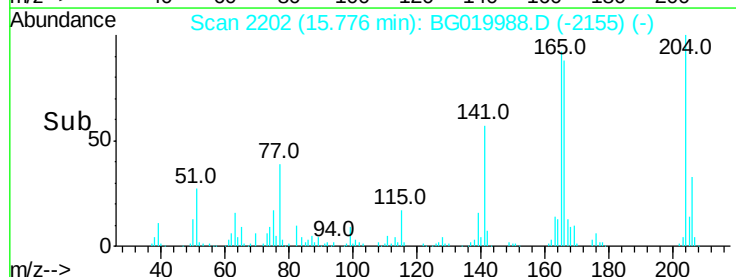
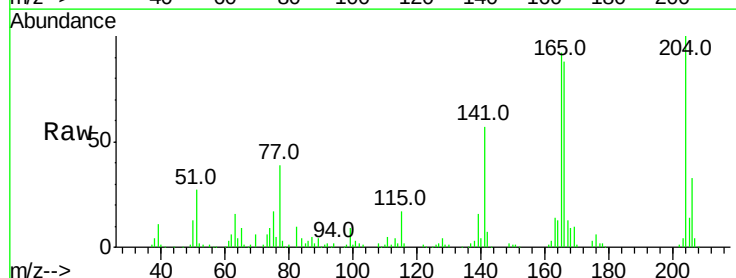
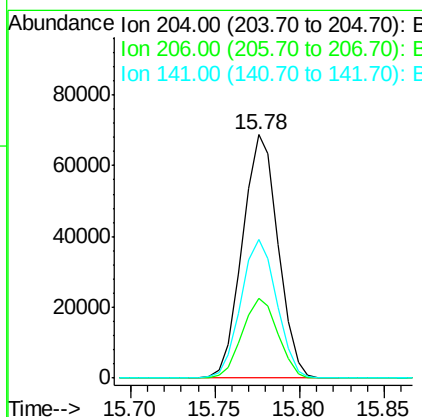
RT: 15.78 min Scan# 2202

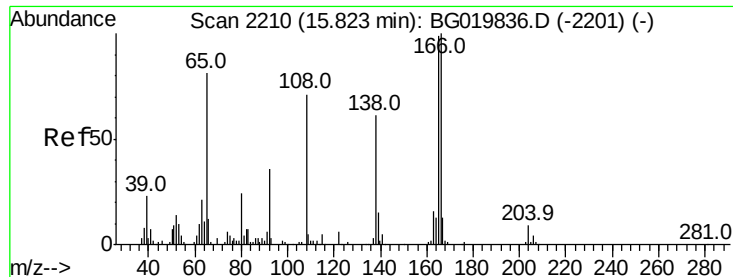
Delta R.T. -0.02 min

Lab File: BG019988.D

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Tgt Ion:	204	Resp:	100907
Ion Ratio	Lower	Upper	
204	100		
206	33.0	28.3	42.5
141	57.0	44.0	66.0





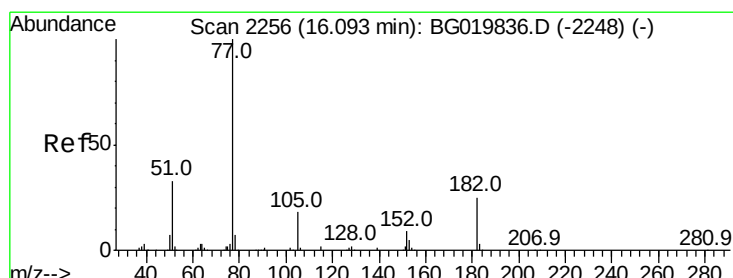
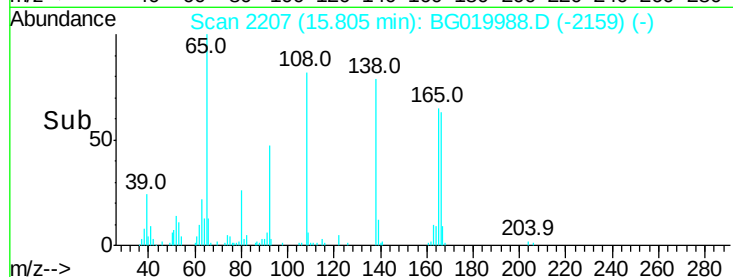
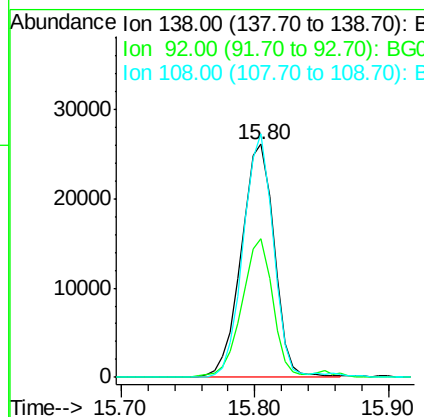
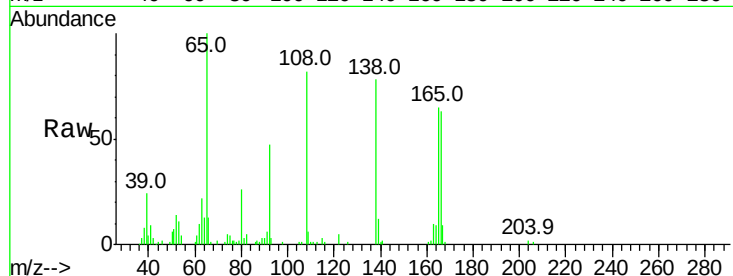
#61
4-Nitroaniline
Concen: 42.55 ng
RT: 15.80 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Instrument :
BNA_G
ClientSampleId :
PB87109BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	59.5	29.1	69.1	
108	104.5	49.8	89.8	

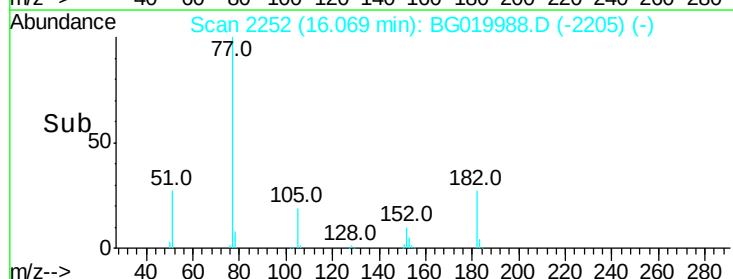
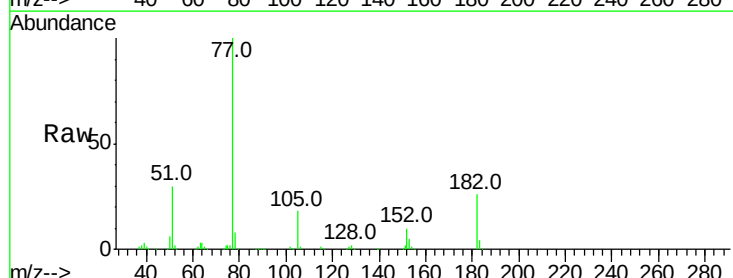
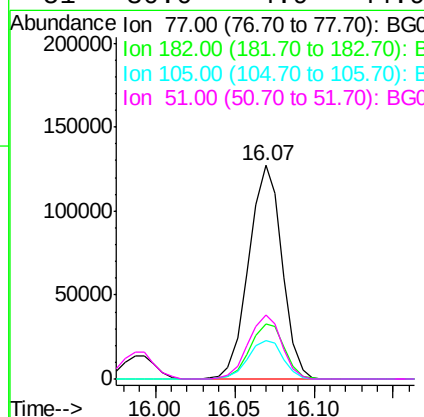
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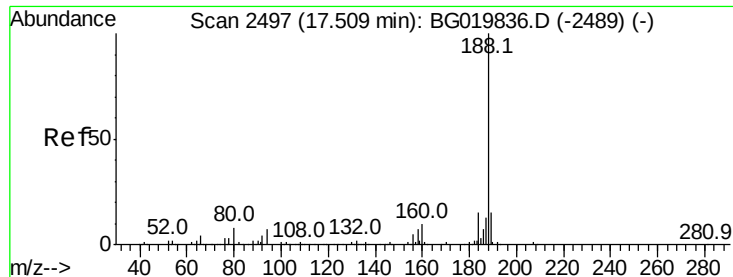
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#62
Azobenzene
Concen: 43.15 ng
RT: 16.07 min Scan# 2252
Delta R.T. -0.02 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	25.5	7.0	47.0	
105	18.0	1.4	41.4	
51	30.0	4.9	44.9	





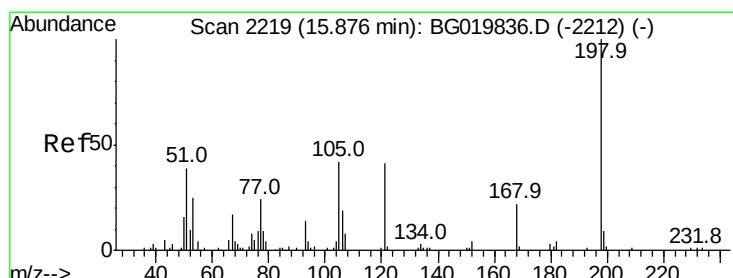
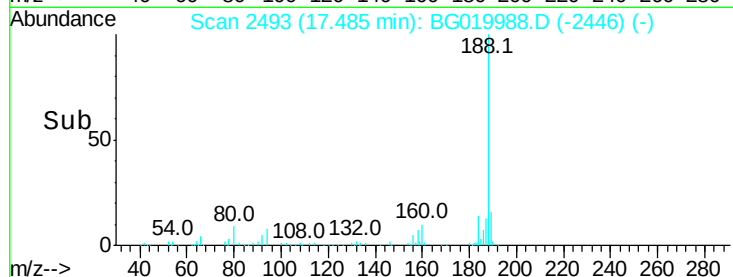
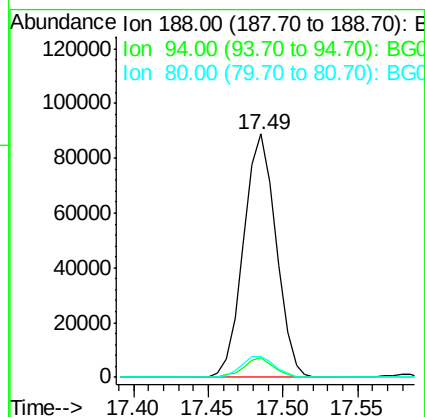
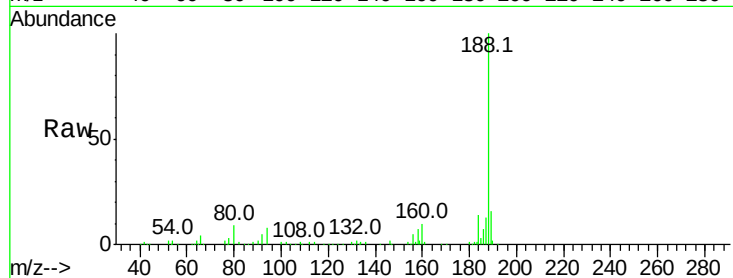
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Instrument :
BNA_G
ClientSampleId :
PB87109BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.9	7.7	11.5
80	8.8	7.8	11.8

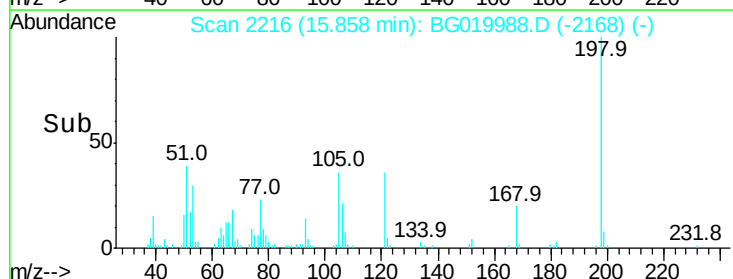
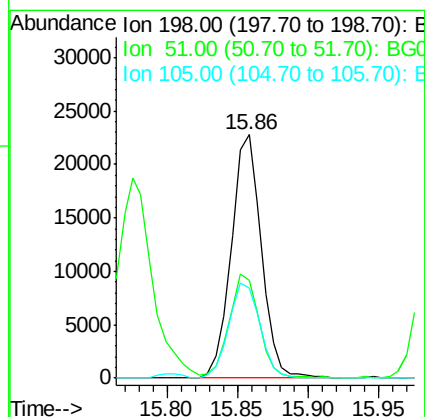
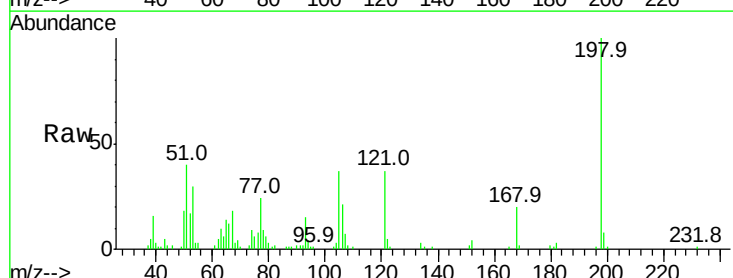
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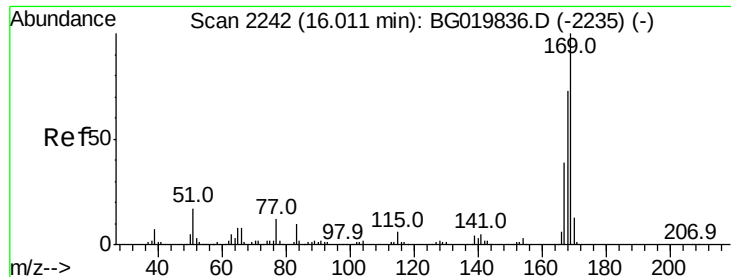
Mmdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.30 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	40.0	14.2	54.2
105	37.1	21.1	61.1





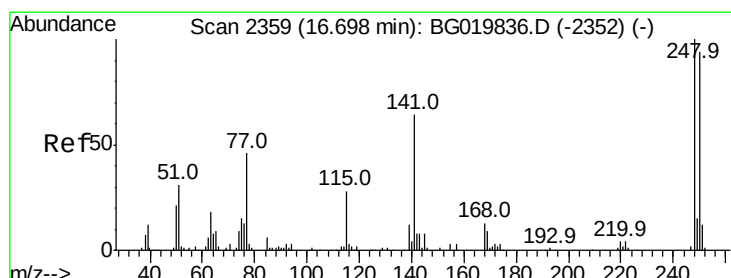
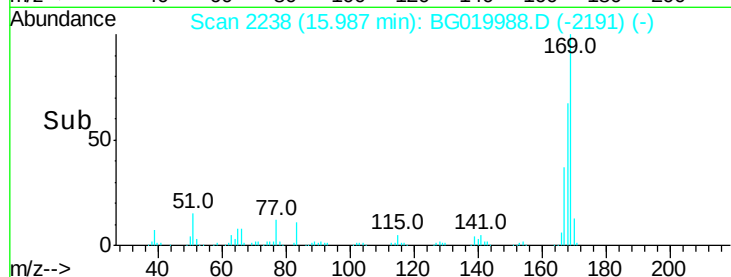
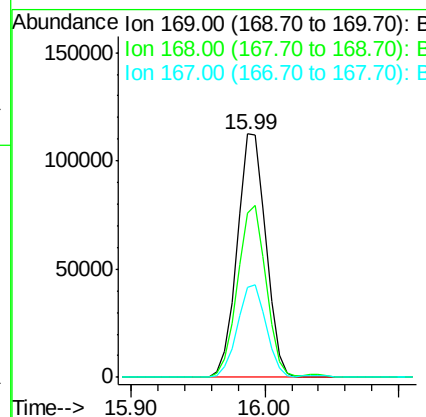
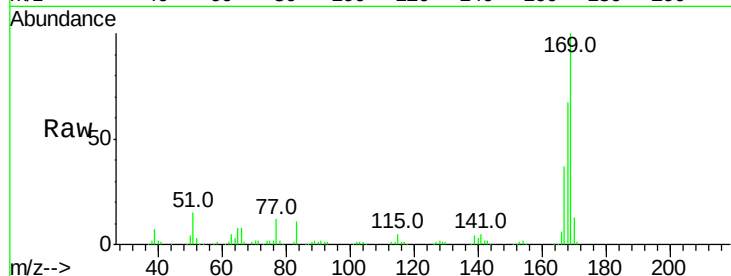
#65
 n-Nitrosodiphenylamine
 Concen: 43.39 ng
 RT: 15.99 min Scan# 2238
 Delta R.T. -0.02 min
 Lab File: BG019988.D
 Acq: 7 Dec 2015 19:36

Instrument :
 BNA_G
 ClientSampleId :
 PB87109BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	168083		
168	67.2	58.2	87.2	
167	36.9	32.7	49.1	

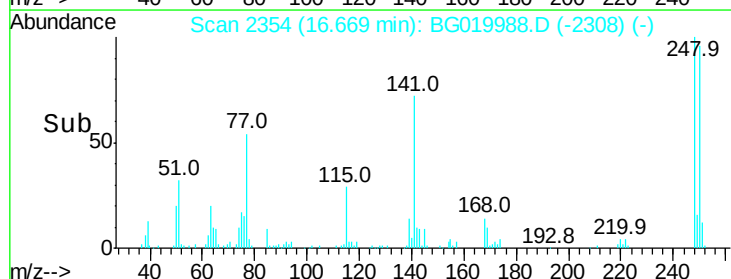
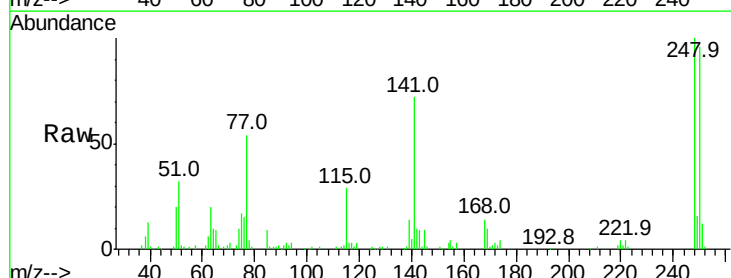
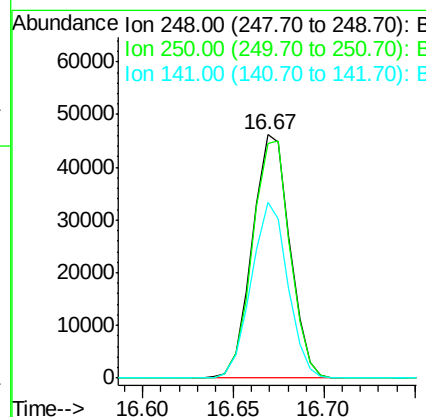
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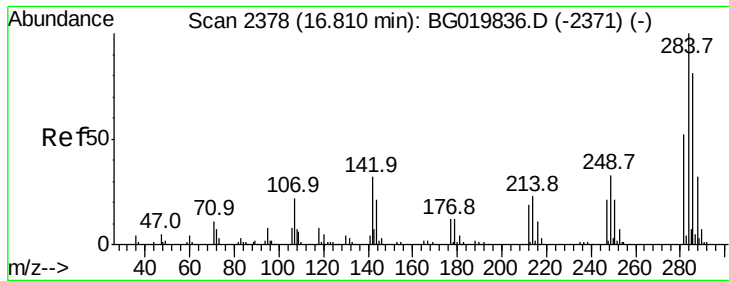
Mmdadoda
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#66
 4-Bromophenyl-phenylether
 Concen: 39.89 ng
 RT: 16.67 min Scan# 2354
 Delta R.T. -0.03 min
 Lab File: BG019988.D
 Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	66352		
250	96.4	77.8	116.8	
141	72.0	50.4	75.6	





#67

Hexachlorobenzene

Concen: 42.52 ng

RT: 16.79 min Scan# 2374

Delta R.T. -0.02 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Instrument :

BNA_G

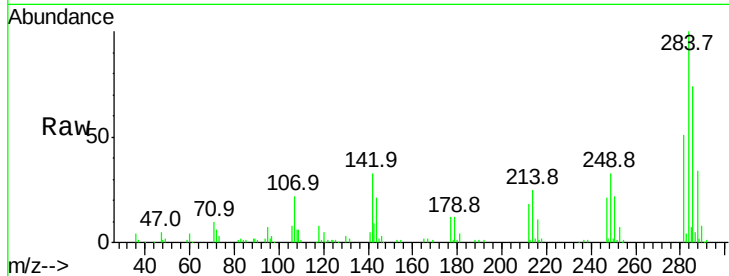
ClientSampleId :

PB87109BS

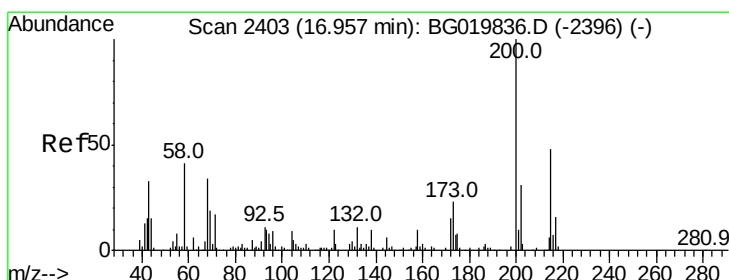
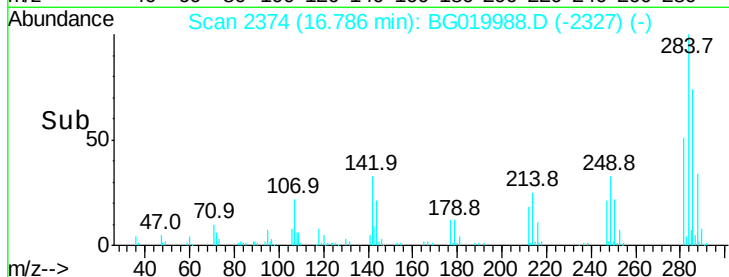
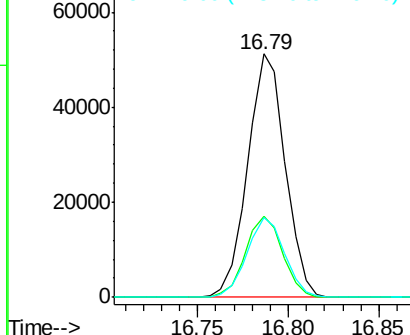
Tot Ion:	284	Resp:	73682
Ion Ratio	Lower	Upper	
284	100		
142	33.2	26.6	39.8
249	32.8	26.2	39.2

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



#68

Atrazine

Concen: 41.80 ng

RT: 16.93 min Scan# 2399

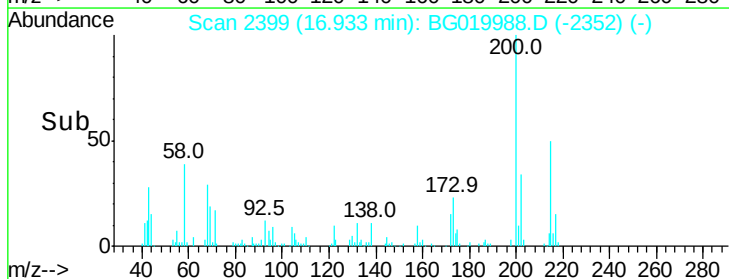
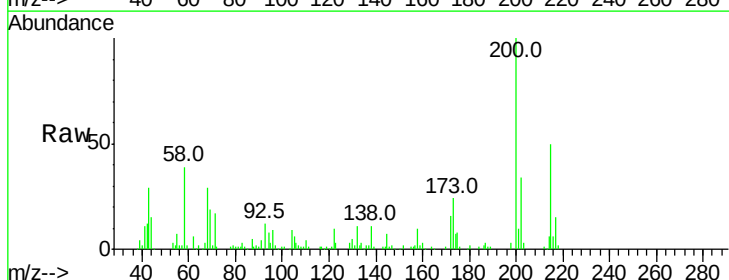
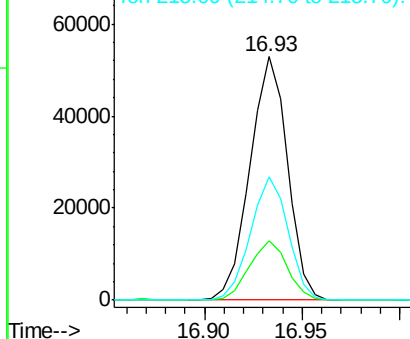
Delta R.T. -0.02 min

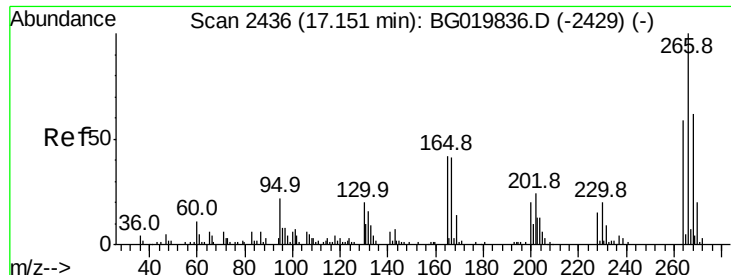
Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Tgt Ion:	200	Resp:	70343
Ion Ratio	Lower	Upper	
200	100		
173	24.2	5.2	45.2
215	50.4	27.0	67.0

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





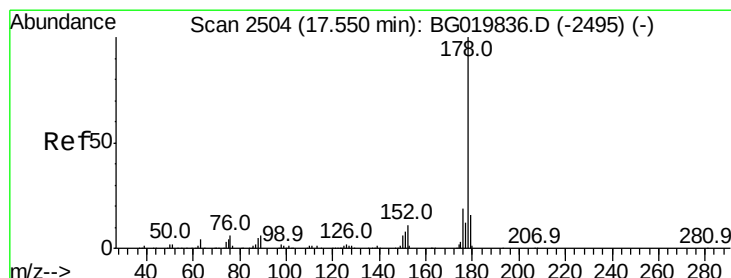
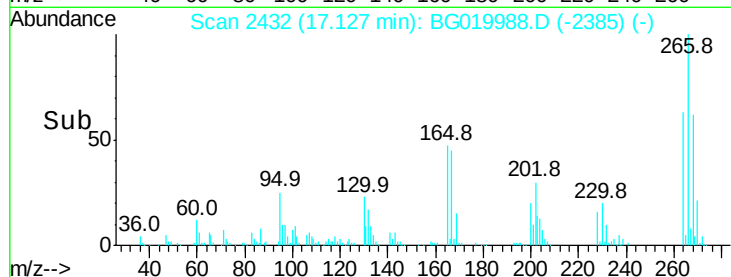
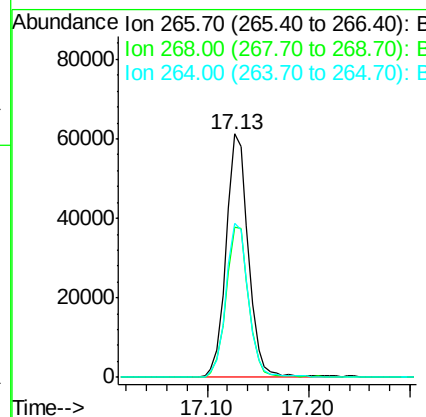
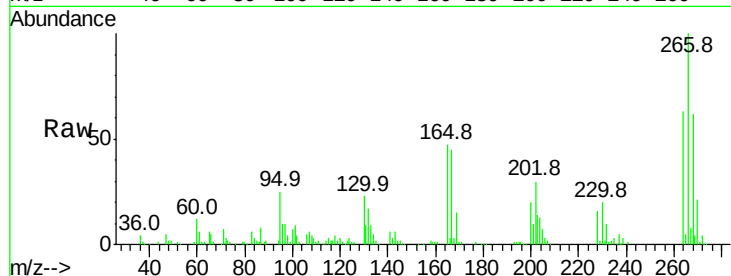
#69
 Pentachlorophenol
 Concen: 92.28 ng
 RT: 17.13 min Scan# 2432
 Delta R.T. -0.02 min
 Lab File: BG019988.D
 Acq: 7 Dec 2015 19:36

Instrument :
 BNA_G
 ClientSampleId :
 PB87109BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	61.8	47.6	71.4	
264	63.1	48.1	72.1	

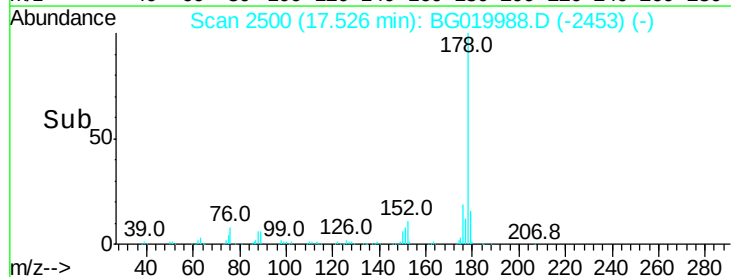
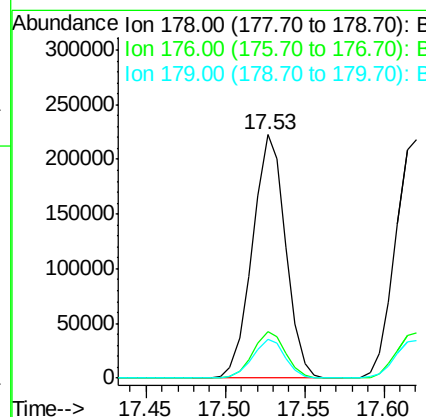
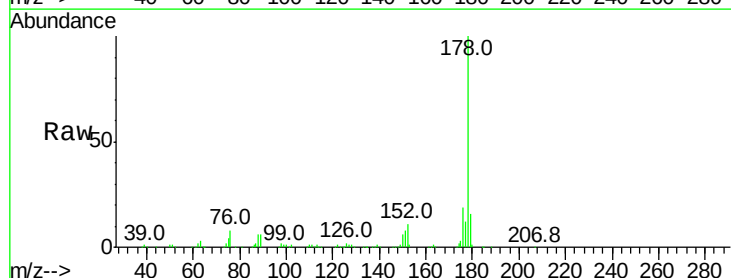
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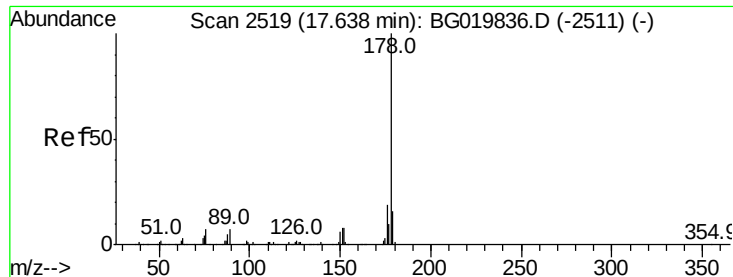
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 12/8/2015 6:30:15 PM



#70
 Phenanthrene
 Concen: 42.71 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG019988.D
 Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.2	16.7	25.1	
179	15.9	13.9	20.9	





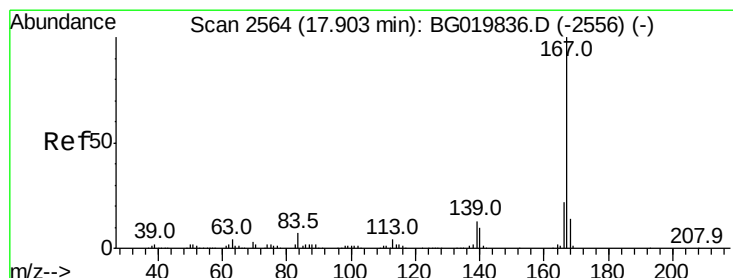
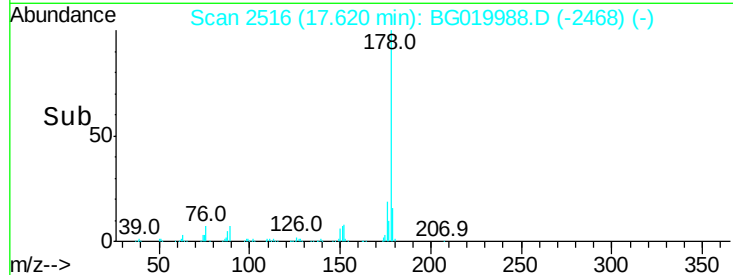
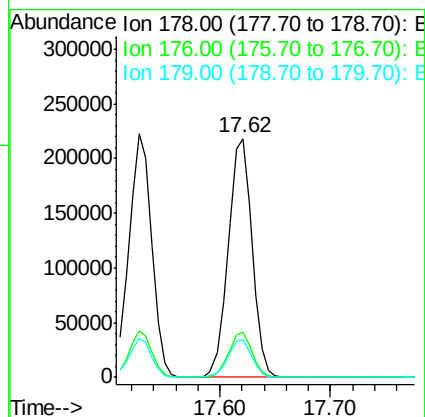
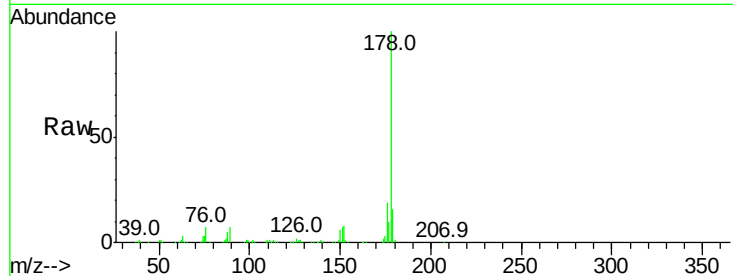
#71
 Anthracene
 Concen: 42.86 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG019988.D
 Acq: 7 Dec 2015 19:36

Instrument :
 BNA_G
 ClientSampleId :
 PB87109BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.8	25.2
179	15.8	13.9	20.9

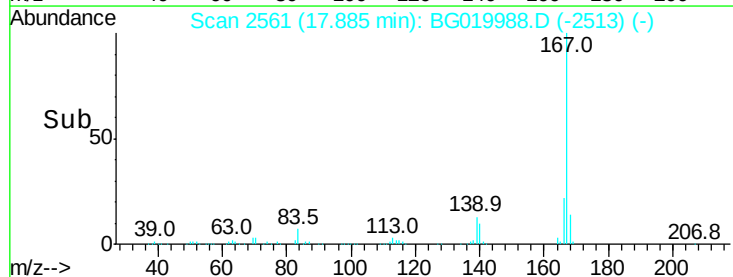
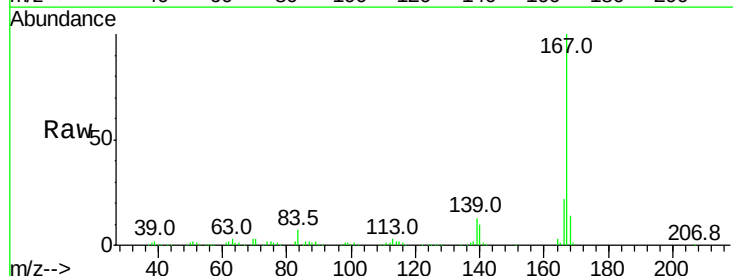
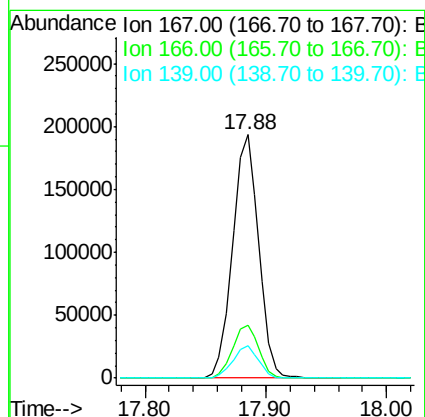
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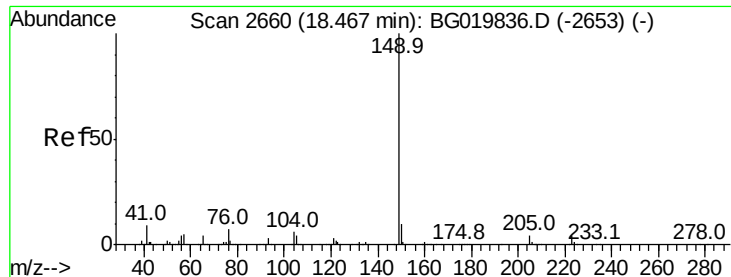
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#72
 Carbazole
 Concen: 42.66 ng
 RT: 17.88 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG019988.D
 Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	19.0	28.6
139	13.2	10.2	15.4





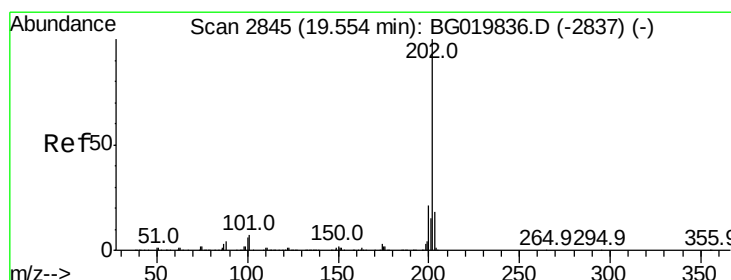
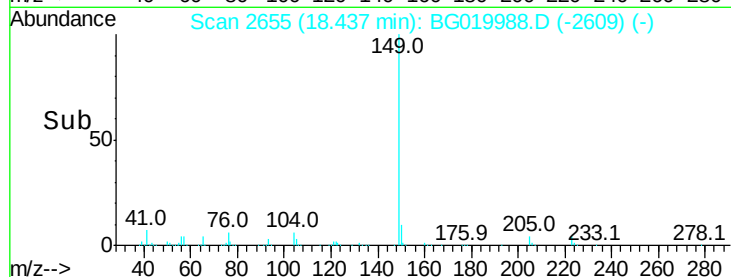
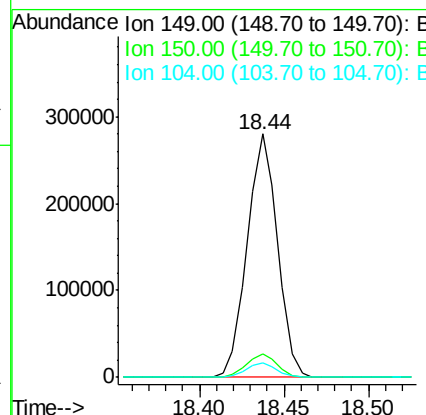
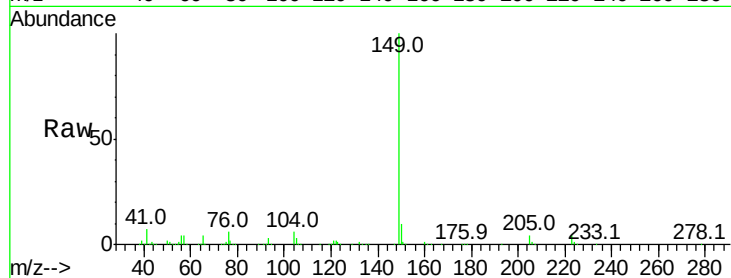
#73
Di-n-butylphthalate
Concen: 42.03 ng
RT: 18.44 min Scan# 2655
Delta R.T. -0.03 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Instrument :
BNA_G
ClientSampleId :
PB87109BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.7	8.2	12.4
104	5.9	4.4	6.6

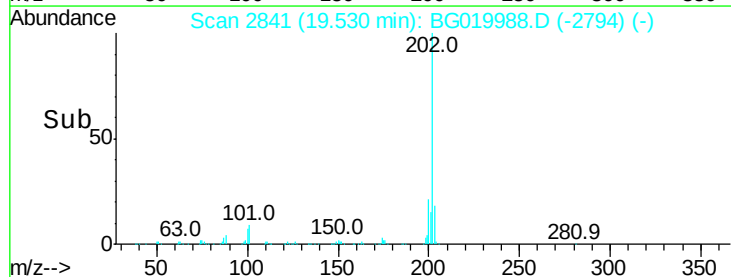
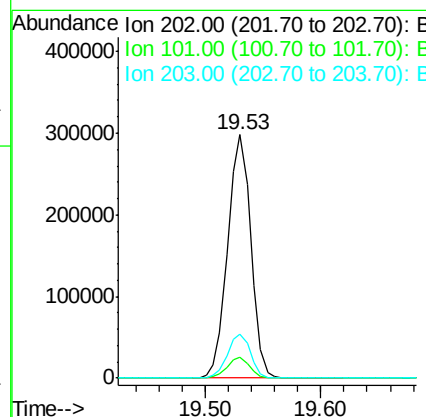
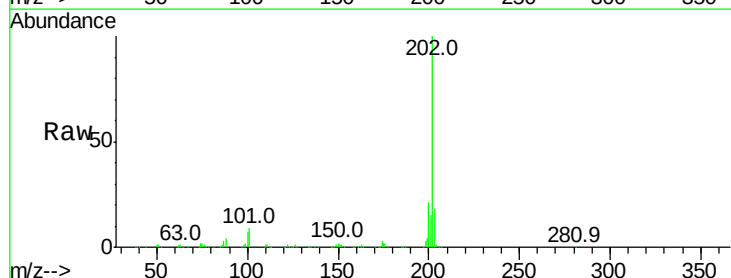
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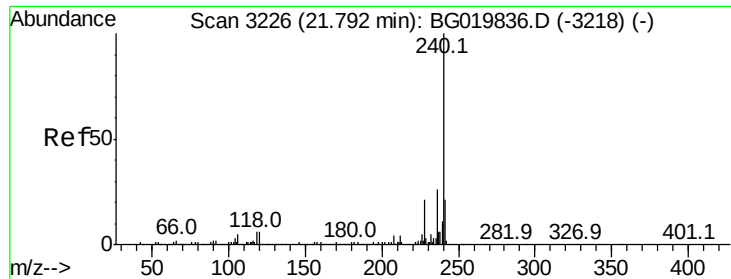
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#74
Fluoranthene
Concen: 42.82 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.7	0.0	32.4
203	18.0	0.0	39.5





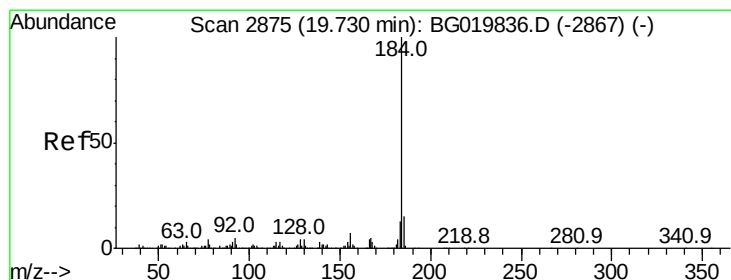
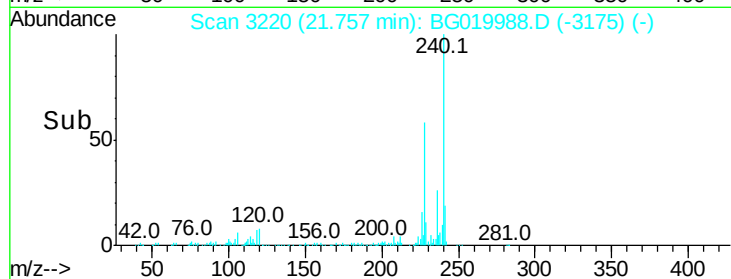
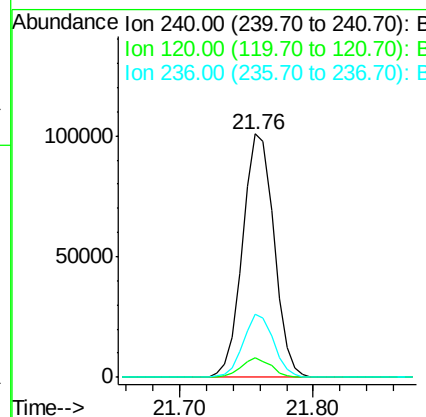
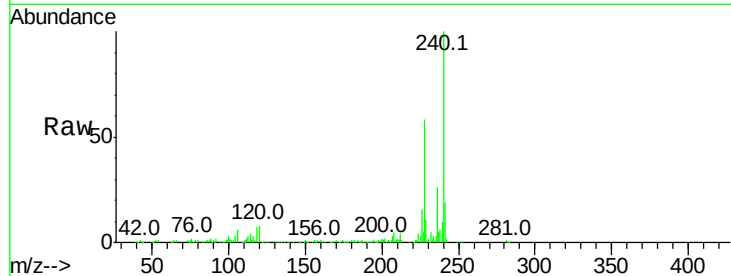
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.76 min Scan# 3220
 Delta R.T. -0.04 min
 Lab File: BG019988.D
 Acq: 7 Dec 2015 19:36

Instrument :
 BNA_G
 ClientSampleId :
 PB87109BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	163972		
120	8.0		7.4	11.0
236	26.1		20.7	31.1

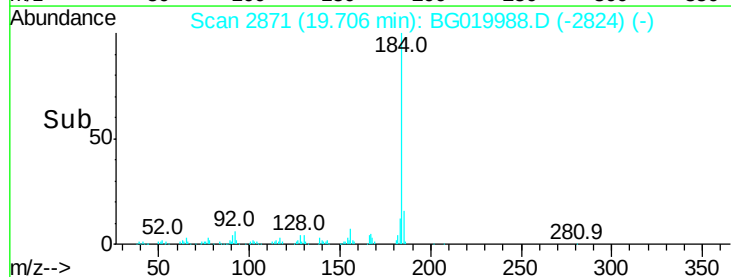
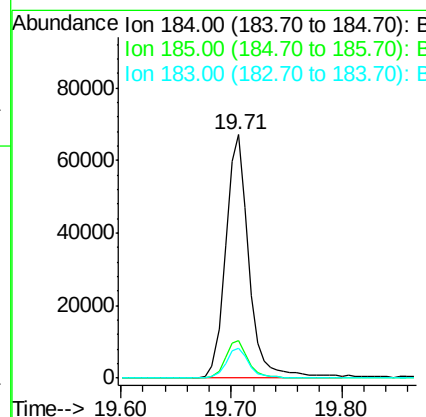
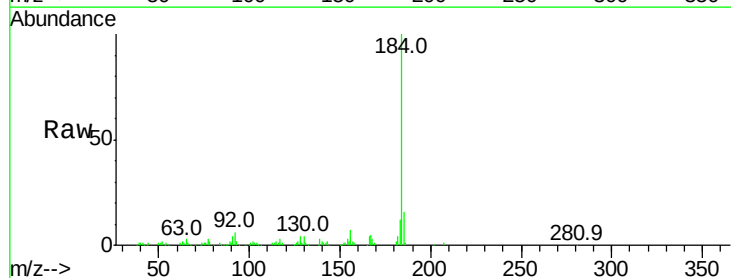
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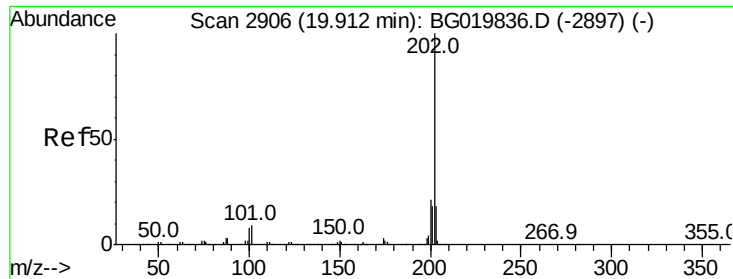
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#76
 Benzidine
 Concen: 18.33 ng
 RT: 19.71 min Scan# 2871
 Delta R.T. -0.02 min
 Lab File: BG019988.D
 Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	98747		
185	15.6		13.4	20.2
183	12.0		10.1	15.1





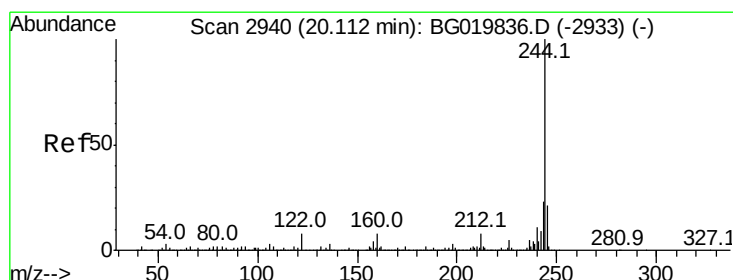
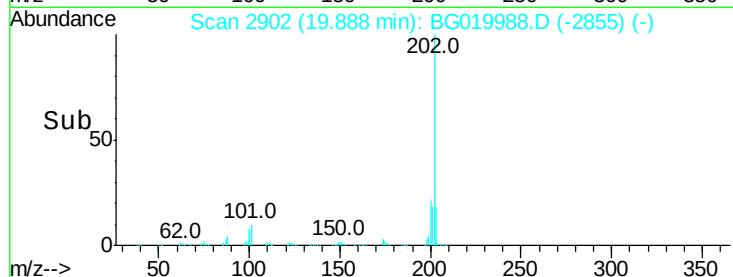
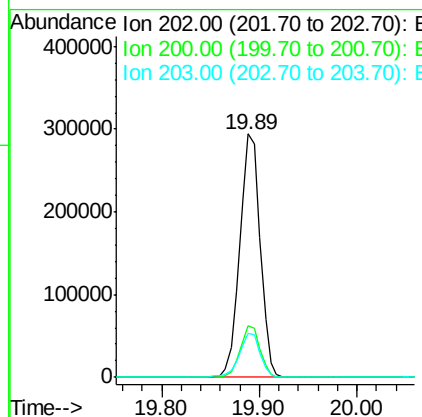
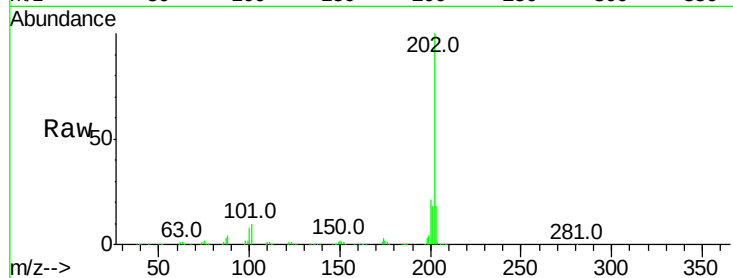
#77
Pvrene
Concen: 44.21 ng
RT: 19.89 min Scan# 2902
Delta R.T. -0.02 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Instrument :
BNA_G
ClientSampleId :
PB87109BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	19.4	29.0
203	18.1	15.5	23.3

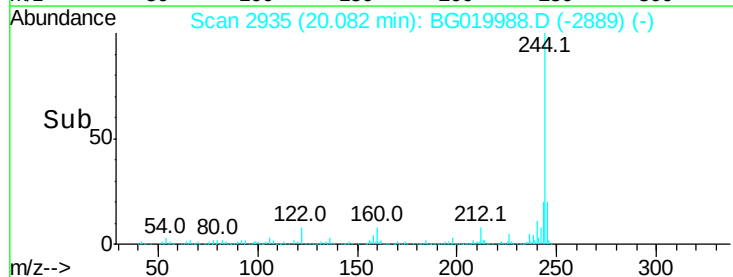
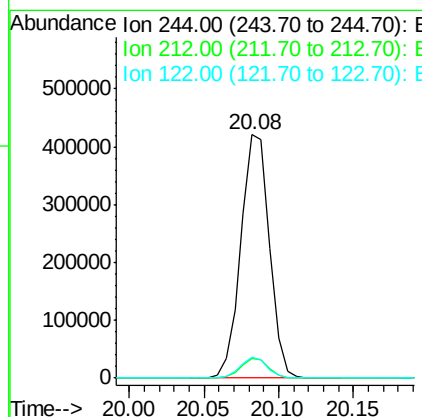
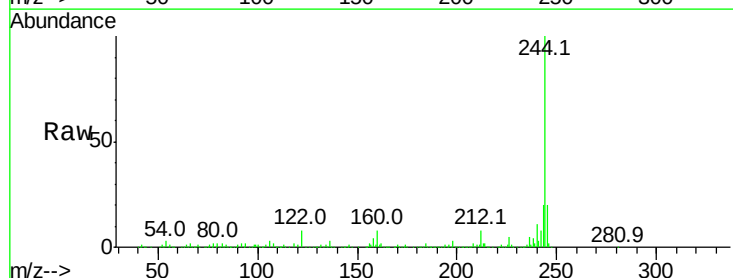
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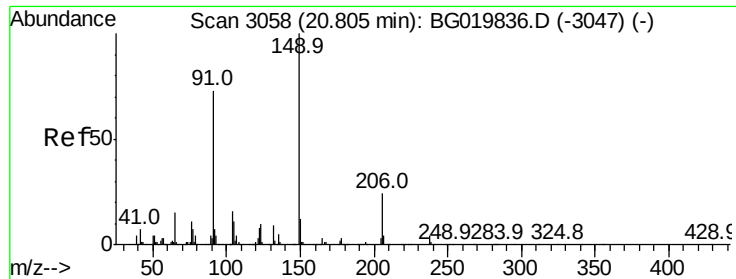
Mmdadoda
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#78
Terphenyl-d14
Concen: 83.12 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.03 min
Lab File: BG019988.D
Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.9	6.9	10.3
122	8.5	10.2	15.2#





#79

Butylbenzylphthalate

Concen: 43.42 ng

RT: 20.77 min Scan# 3052

Delta R.T. -0.04 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Instrument :

BNA_G

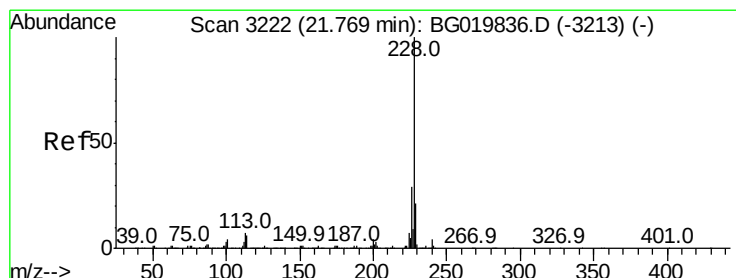
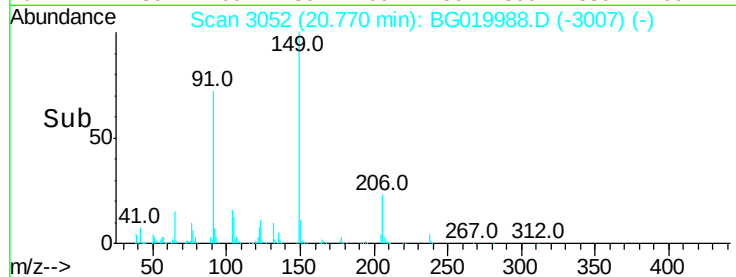
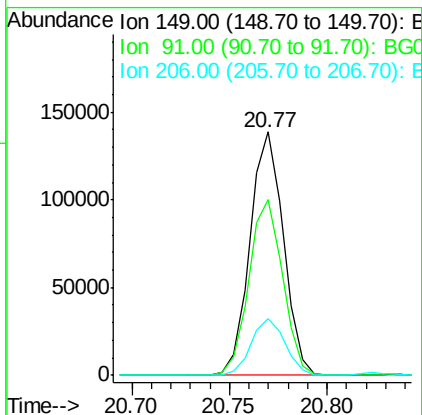
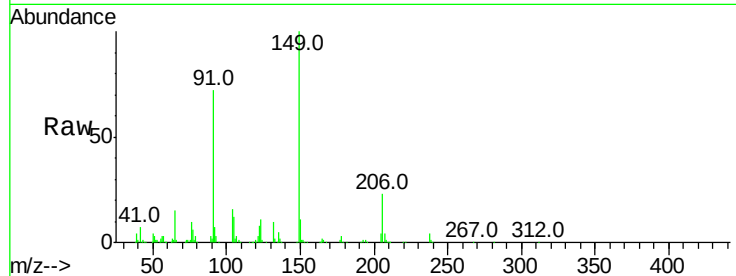
ClientSampleId :

PB87109BS

Tot Ion:	149	Resp:	164170
Ion Ratio	Lower	Upper	
149	100		
91	72.2	58.1	87.1
206	23.2	17.8	26.8

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#80

Benzo(a)anthracene

Concen: 42.97 ng

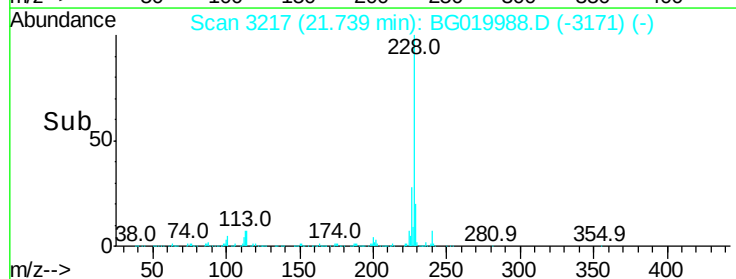
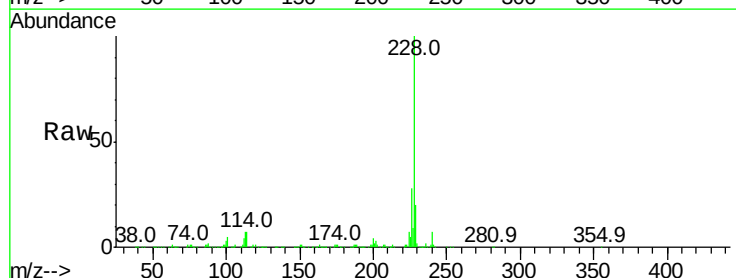
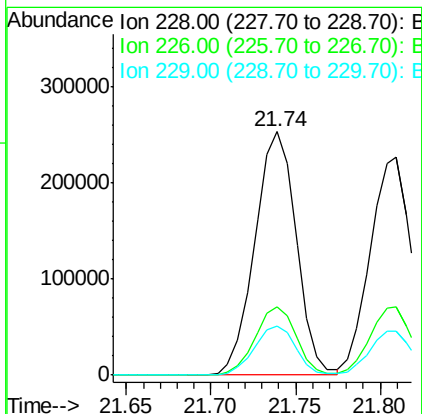
RT: 21.74 min Scan# 3217

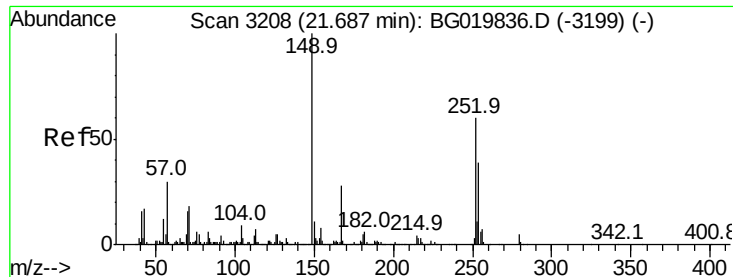
Delta R.T. -0.03 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Tgt Ion:	228	Resp:	431345
Ion Ratio	Lower	Upper	
228	100		
226	28.1	23.4	35.0
229	20.3	16.6	25.0





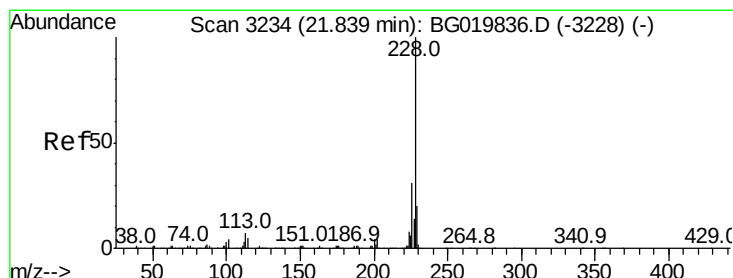
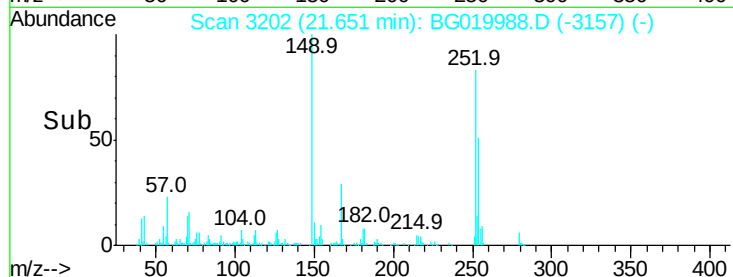
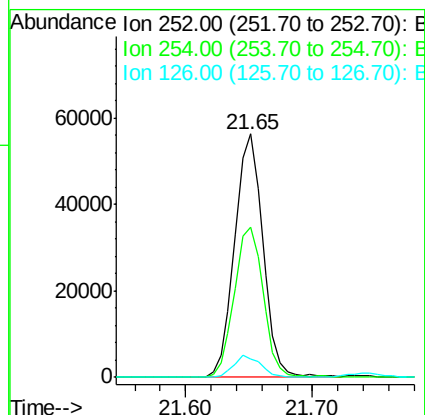
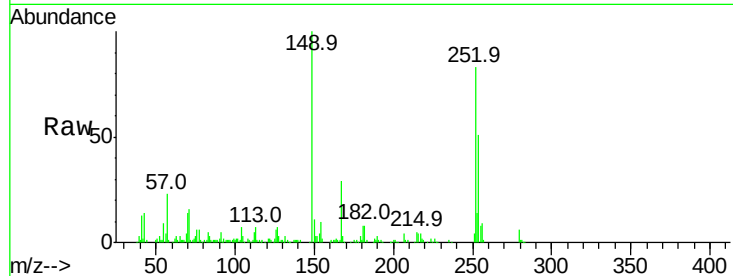
#81
 3,3'-Dichlorobenzidine
 Concen: 22.73 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.04 min
 Lab File: BG019988.D
 Acq: 7 Dec 2015 19:36

Instrument :
 BNA_G
 ClientSampleId :
 PB87109BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	86905		
254	61.6	52.5	78.7	
126	7.7	8.5	12.7	

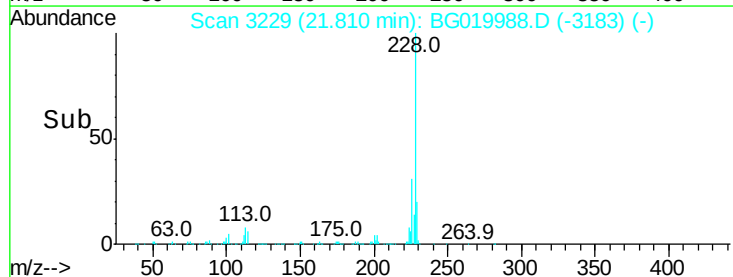
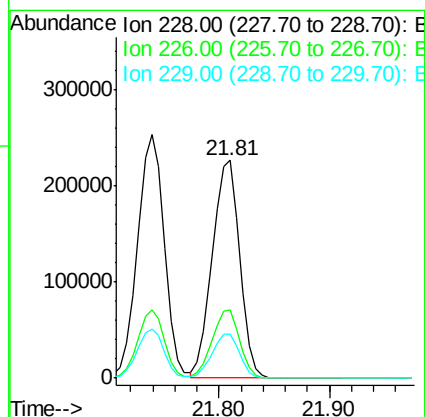
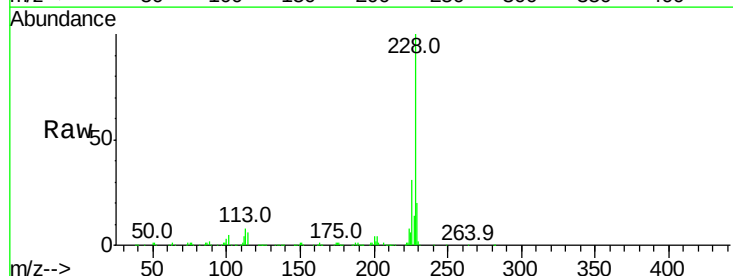
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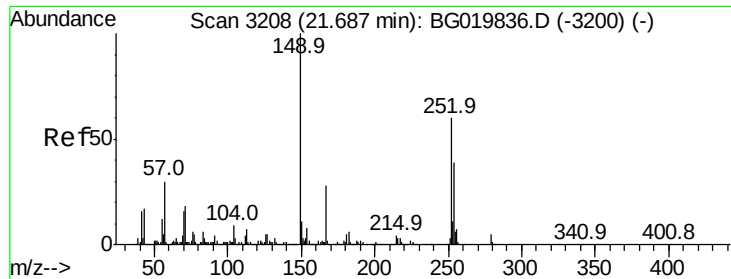
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#82
 Chrysene
 Concen: 40.52 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.03 min
 Lab File: BG019988.D
 Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	386188		
226	31.3	26.7	40.1	
229	20.0	17.0	25.6	





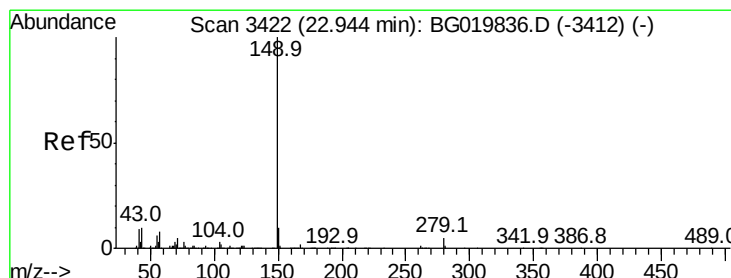
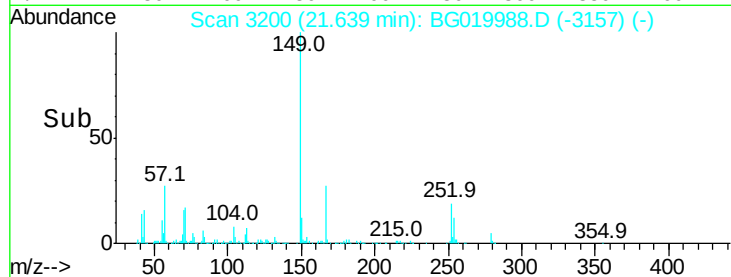
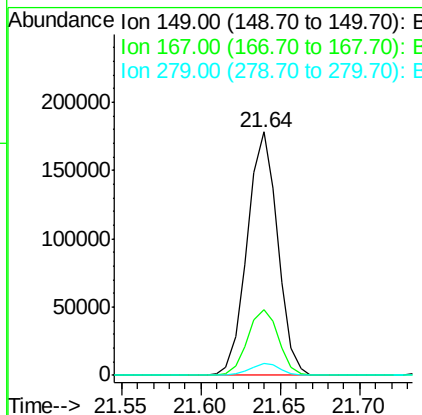
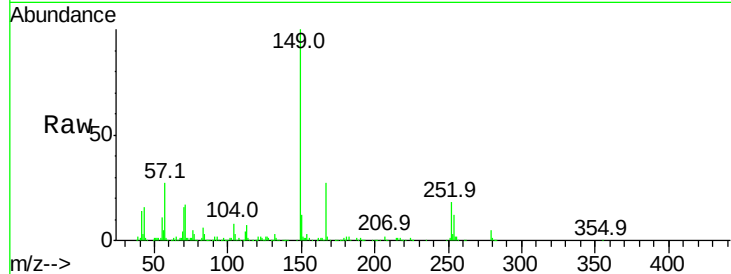
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.89 ng
 RT: 21.64 min Scan# 3200
 Delta R.T. -0.05 min
 Lab File: BG019988.D
 Acq: 7 Dec 2015 19:36

Instrument :
 BNA_G
 ClientSampleId :
 PB87109BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.1	23.8	35.8	
279	5.0	3.4	5.2	

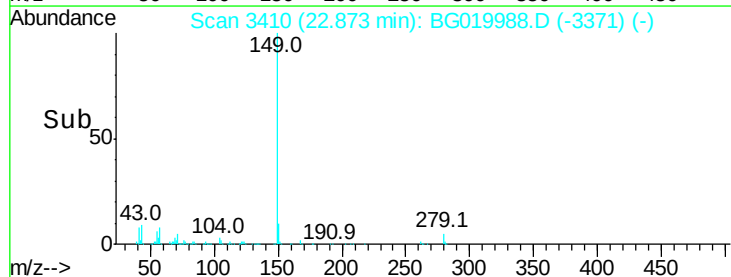
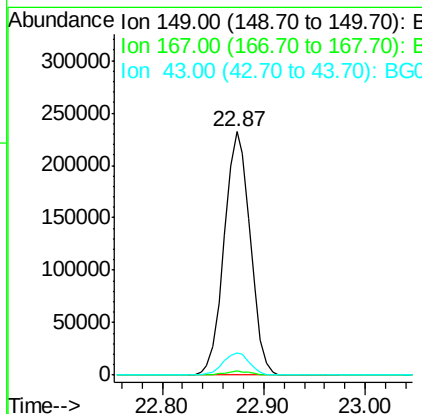
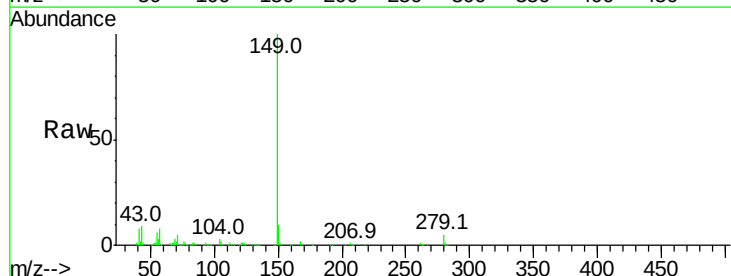
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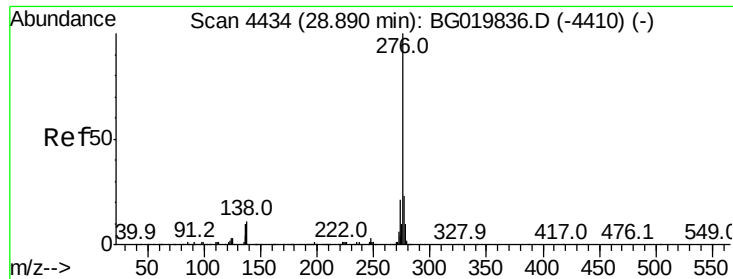
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#84
 Di-n-octyl phthalate
 Concen: 45.57 ng
 RT: 22.87 min Scan# 3410
 Delta R.T. -0.07 min
 Lab File: BG019988.D
 Acq: 7 Dec 2015 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	9.5	5.9	8.9	





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.57 ng

RT: 28.78 min Scan# 4416

Delta R.T. -0.11 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Instrument :

BNA_G

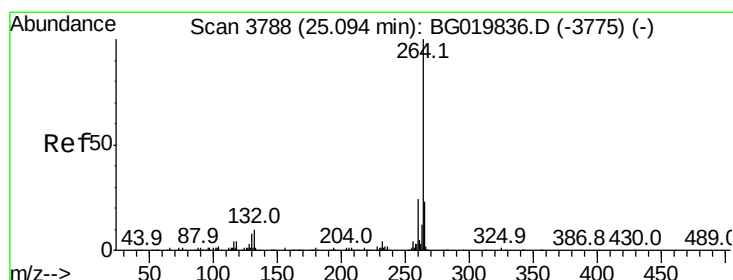
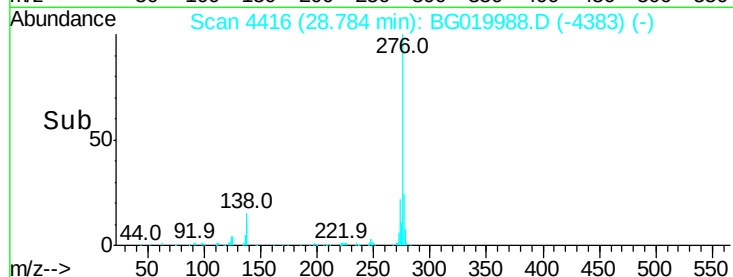
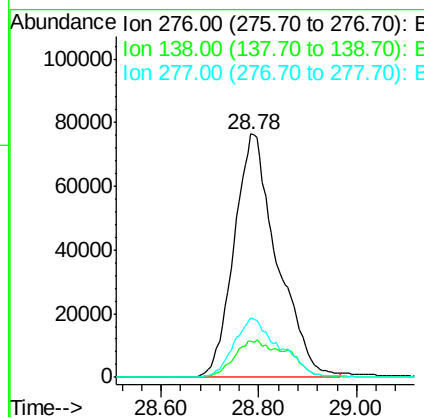
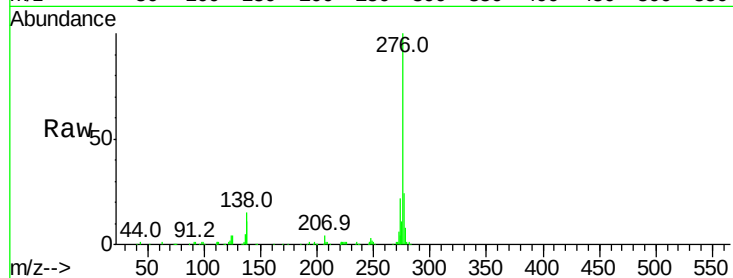
ClientSampleId :

PB87109BS

Tot Ion:	276	Resp:	467856
Ion Ratio	Lower	Upper	
276	100		
138	14.4	0.0	0.0#
277	25.9	0.0	0.0#

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#86

Perylene-d12

Concen: 20.00 ng

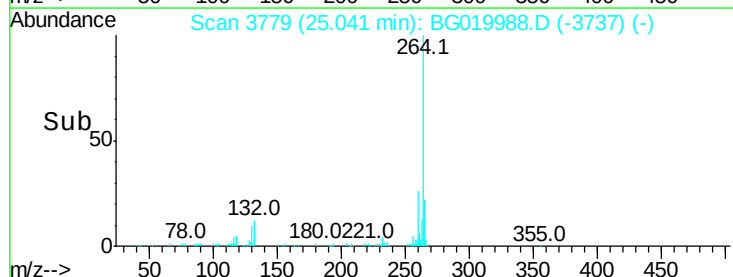
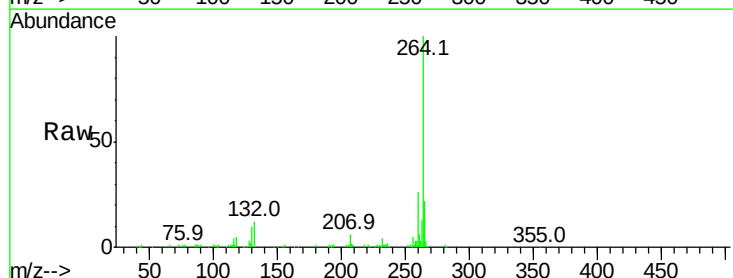
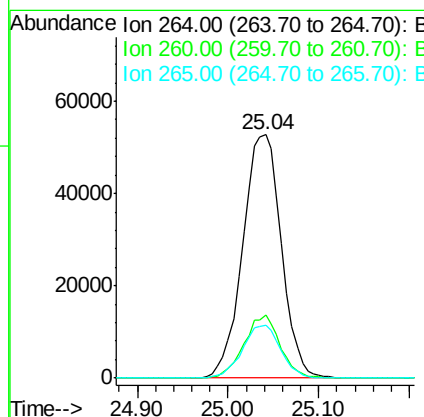
RT: 25.04 min Scan# 3779

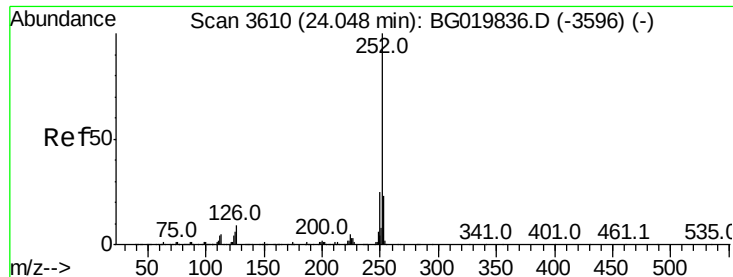
Delta R.T. -0.05 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Tgt Ion:	264	Resp:	155622
Ion Ratio	Lower	Upper	
264	100		
260	25.7	18.5	27.7
265	21.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.57 ng

RT: 24.00 min Scan# 3601

Delta R.T. -0.05 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Instrument :

BNA_G

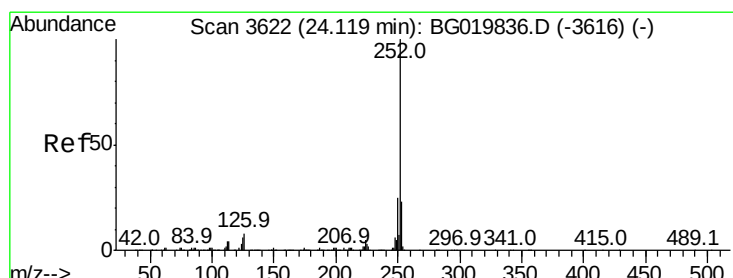
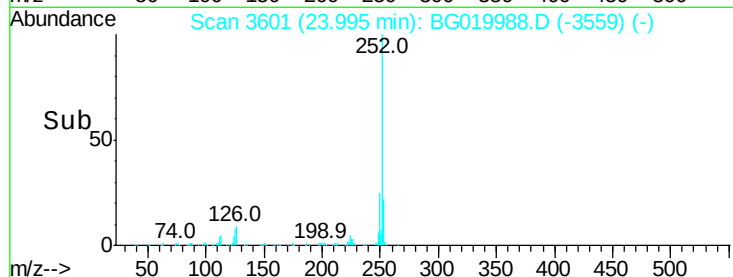
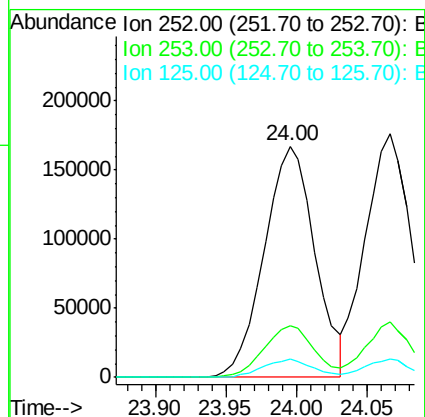
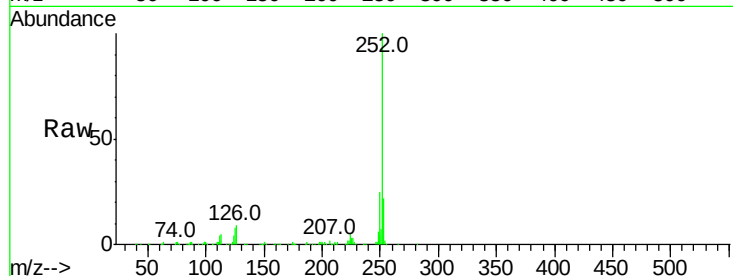
ClientSampleId :

PB87109BS

Tot Ion:	252	Resp:	419916
Ion Ratio	Lower	Upper	
252	100		
253	22.2	19.1	28.7
125	7.7	8.9	13.3#

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#88

Benzo(k)fluoranthene

Concen: 40.86 ng

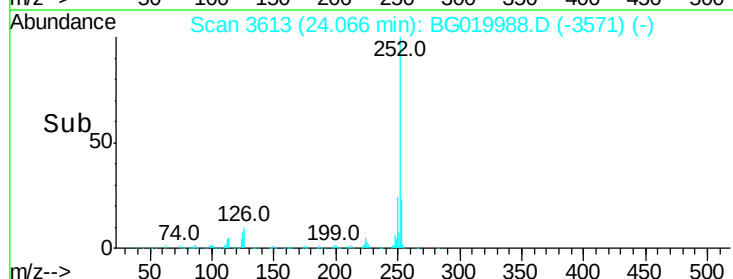
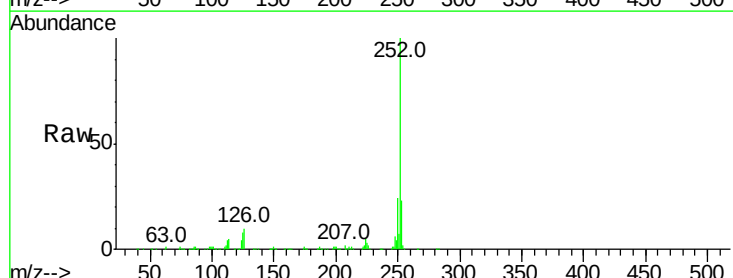
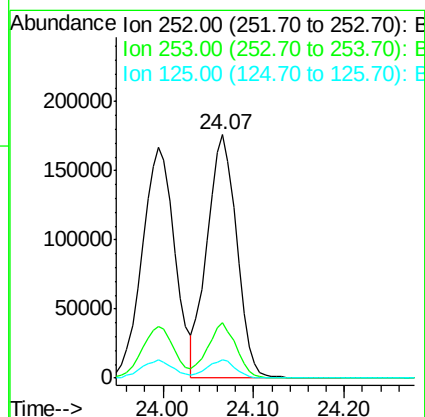
RT: 24.07 min Scan# 3613

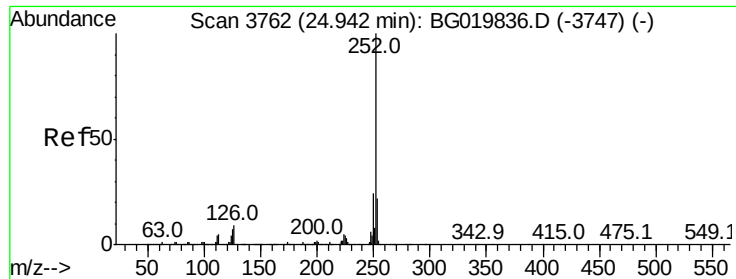
Delta R.T. -0.05 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Tgt Ion:	252	Resp:	399120
Ion Ratio	Lower	Upper	
252	100		
253	22.7	19.0	28.4
125	7.8	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 42.90 ng

RT: 24.88 min Scan# 3752

Delta R.T. -0.06 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Instrument :

BNA_G

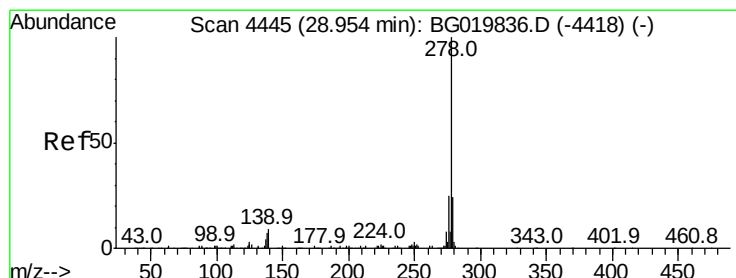
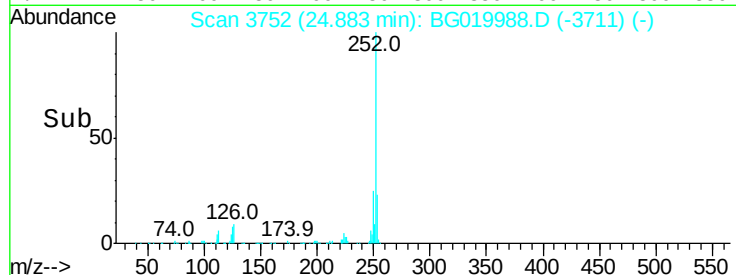
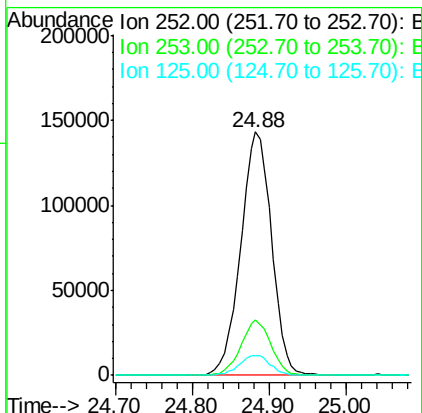
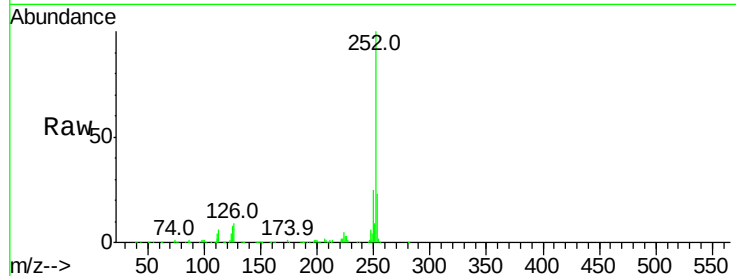
ClientSampleId :

PB87109BS

Tot Ion:	252	Resp:	401678
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.7	28.1
125	7.9	9.1	13.7#

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#90

Dibenzo(a,h)anthracene

Concen: 42.32 ng

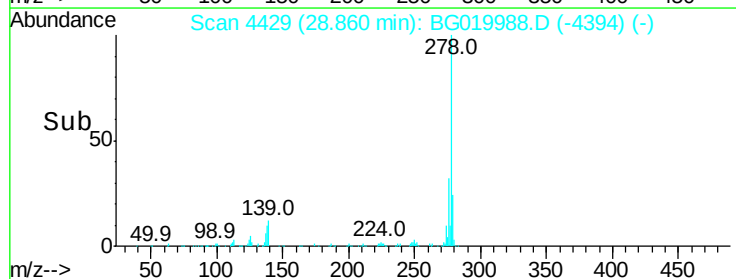
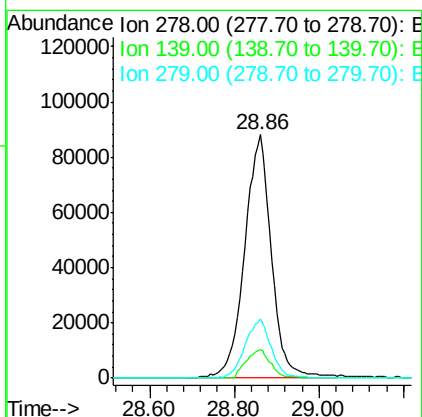
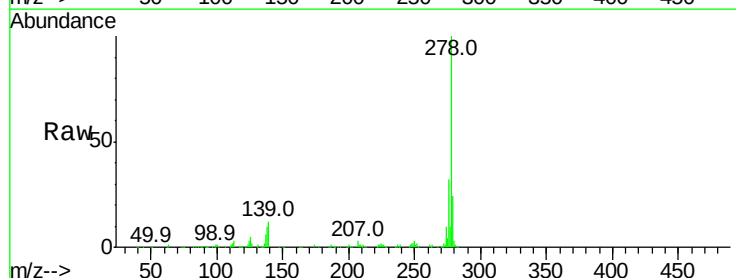
RT: 28.86 min Scan# 4429

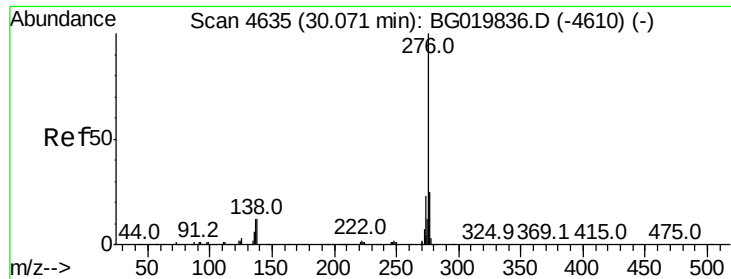
Delta R.T. -0.09 min

Lab File: BG019988.D

Acq: 7 Dec 2015 19:36

Tgt Ion:	278	Resp:	391489
Ion Ratio	Lower	Upper	
278	100		
139	11.7	13.8	20.6#
279	24.2	19.4	29.0





#91
 Benzo(a,h,i)perylene
 Concen: 41.94 ng
 RT: 29.96 min Scan# 4617
 Delta R.T. -0.11 min
 Lab File: BG019988.D
 Acq: 7 Dec 2015 19:36

Instrument :
 BNA_G
 ClientSampleId :
 PB87109BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.1	18.4	27.6
138	15.0	17.4	26.0

Manual Integrations
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