

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019860.D
 Acq On : 3 Dec 2015 8:17
 Operator : UM/NP
 Sample : PB87038BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87038BS

Manual Integrations
 APPROVED

Mmdadoda
 12/3/2015 7:14:16 PM

Quant Time: Dec 03 11:52:30 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	8.13	152	22413	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	94066	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	69557	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	191737	20.00	ng	0.00
75) Chrysene-d12	21.79	240	235217	20.00	ng	0.00
86) Perylene-d12	25.08	264	222772	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	148053	119.39	ng	0.00
7) Phenol-d6	7.27	99	213913	114.25	ng	0.00
23) Nitrobenzene-d5	9.30	82	139620	75.75	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	123246	115.80	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	357185	70.12	ng	0.00
78) Terphenyl-d14	20.11	244	726396	75.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	15241	31.55	ng	# 100
3) Pyridine	3.93	79	48086	32.77	ng	# 80
4) n-Nitrosodimethylamine	3.84	42	26607	34.48	ng	# 79
6) Aniline	7.45	93	62007	25.57	ng	# 85
8) 2-Chlorophenol	7.69	128	57405	37.96	ng	# 95
9) Benzaldehyde	7.26	77	20414	16.35	ng	# 90
10) Phenol	7.30	94	77352	39.25	ng	# 75
11) bis(2-Chloroethyl)ether	7.54	93	52407	35.91	ng	# 89
12) 1,3-Dichlorobenzene	8.01	146	59797	34.89	ng	# 93
13) 1,4-Dichlorobenzene	8.16	146	61359	34.66	ng	# 91
14) 1,2-Dichlorobenzene	8.48	146	58806	34.83	ng	# 96
15) Benzyl Alcohol	8.36	79	62365	37.96	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	8.66	45	78691	33.06	ng	# 92
17) 2-Methylphenol	8.56	107	54290	39.03	ng	# 88
18) Hexachloroethane	9.22	117	23122	34.88	ng	# 89
19) n-Nitroso-di-n-propylamine	8.94	70	49236	33.34	ng	# 93
20) 3+4-Methylphenols	8.88	107	73490	37.51	ng	# 93
22) Acetophenone	8.96	105	86960	33.73	ng	# 90
24) Nitrobenzene	9.34	77	75763	37.89	ng	# 89
25) Isophorone	9.87	82	133739	33.84	ng	# 96
26) 2-Nitrophenol	10.05	139	30116	39.00	ng	# 68
27) 2,4-Dimethylphenol	10.10	122	62522	38.88	ng	# 90
28) bis(2-Chloroethoxy)methane	10.35	93	74490	38.58	ng	# 99
29) 2,4-Dichlorophenol	10.58	162	68125	41.47	ng	# 96
30) 1,2,4-Trichlorobenzene	10.81	180	68553	36.92	ng	# 94
31) Naphthalene	11.00	128	187127	37.13	ng	# 98
32) Benzoic acid	10.21	122	40252	38.50	ng	# 83
33) 4-Chloroaniline	11.10	127	41963	18.90	ng	# 92
34) Hexachlorobutadiene	11.28	225	47764	34.88	ng	# 95
35) Caprolactam	11.87	113	24783m	40.53	ng	# 96
36) 4-Chloro-3-methylphenol	12.20	107	80025	39.12	ng	# 94
37) 2-Methylnaphthalene	12.60	142	143893	38.96	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	89839	34.04	ng	# 97
40) Hexachlorocyclopentadiene	12.94	237	107692	71.55	ng	# 97

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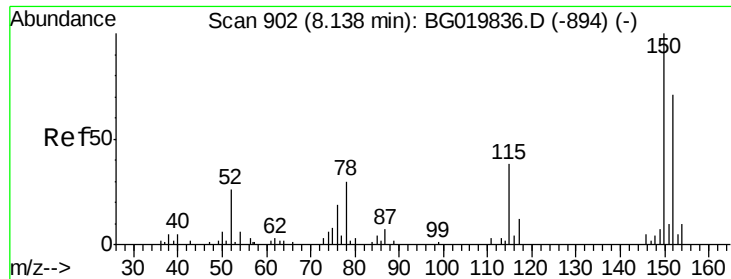
Manual Integrations
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Quant Time: Dec 03 11:52:30 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	64292	36.79	ng	99
43) 2,4,5-Trichlorophenol	13.26	196	72419	39.21	ng	93
45) 1,1'-Biphenyl	13.60	154	194088	34.00	ng	98
46) 2-Chloronaphthalene	13.64	162	154719	35.16	ng	95
47) 2-Nitroaniline	13.83	65	58708	42.25	ng	# 83
48) Acenaphthylene	14.48	152	270881	36.14	ng	100
49) Dimethylphthalate	14.21	163	223353	35.70	ng	99
50) 2,6-Dinitrotoluene	14.33	165	48778	41.46	ng	# 78
51) Acenaphthene	14.82	154	189232	41.61	ng	98
52) 3-Nitroaniline	14.65	138	37588	30.76	ng	90
53) 2,4-Dinitrophenol	14.85	184	51665	82.24	ng	# 84
54) Dibenzofuran	15.15	168	273621	40.44	ng	92
55) 4-Nitrophenol	14.95	139	87389	82.10	ng	# 62
56) 2,4-Dinitrotoluene	15.11	165	71164	43.36	ng	# 85
57) Fluorene	15.81	166	227904	37.64	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	73633	43.08	ng	97
59) Diethylphthalate	15.57	149	244948	36.17	ng	96
60) 4-Chlorophenyl-phenylether	15.79	204	125260	36.03	ng	96
61) 4-Nitroaniline	15.82	138	53337	38.80	ng	# 65
62) Azobenzene	16.09	77	234550	41.63	ng	95
64) 4,6-Dinitro-2-methylphenol	15.87	198	39998	38.52	ng	93
65) n-Nitrosodiphenylamine	16.01	169	212293	38.26	ng	97
66) 4-Bromophenyl-phenylether	16.69	248	85382	35.84	ng	94
67) Hexachlorobenzene	16.80	284	92857	37.41	ng	97
68) Atrazine	16.95	200	93925	38.96	ng	96
69) Pentachlorophenol	17.15	266	116888	80.69	ng	93
70) Phenanthrene	17.54	178	413186	38.09	ng	96
71) Anthracene	17.63	178	424839	38.45	ng	97
72) Carbazole	17.90	167	375023	38.53	ng	97
73) Di-n-butylphthalate	18.46	149	446526	37.43	ng	98
74) Fluoranthene	19.55	202	531097	38.28	ng	93
76) Benzidine	19.72	184	179333	23.21	ng	97
77) Pyrene	19.91	202	539813	39.01	ng	96
79) Butylbenzylphthalate	20.79	149	204308	37.67	ng	96
80) Benzo(a)anthracene	21.76	228	549445	38.16	ng	99
81) 3,3'-Dichlorobenzidine	21.68	252	129678	23.65	ng	99
82) Chrysene	21.83	228	501855	36.71	ng	97
83) Bis(2-ethylhexyl)phthalate	21.68	149	296346	37.23	ng	98
84) Di-n-octyl phthalate	22.93	149	514937	39.79	ng	# 94
85) Indeno(1,2,3-cd)pyrene	28.86	276	606936	40.30	ng	# 100
87) Benzo(b)fluoranthene	24.04	252	546292	38.69	ng	# 95
88) Benzo(k)fluoranthene	24.11	252	507110	36.27	ng	# 94
89) Benzo(a)pyrene	24.93	252	514764	38.40	ng	# 96
90) Dibenzo(a,h)anthracene	28.93	278	505283	38.15	ng	# 94
91) Benzo(g,h,i)perylene	30.04	276	500512	38.49	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG019860.D

Acq: 3 Dec 2015 8:17

Instrument :

BNA_G

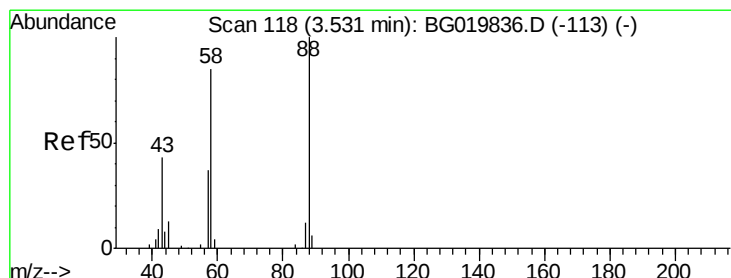
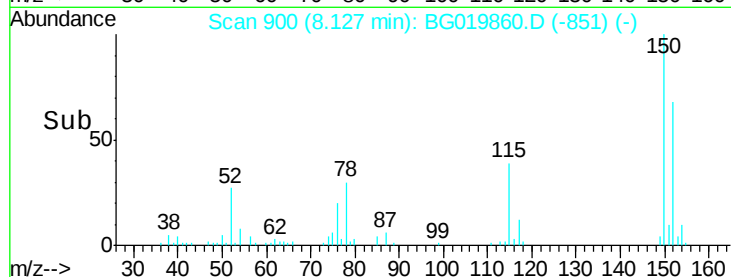
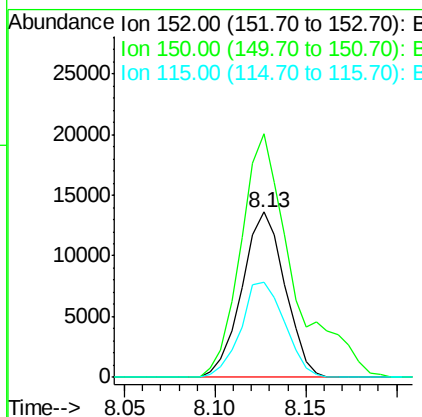
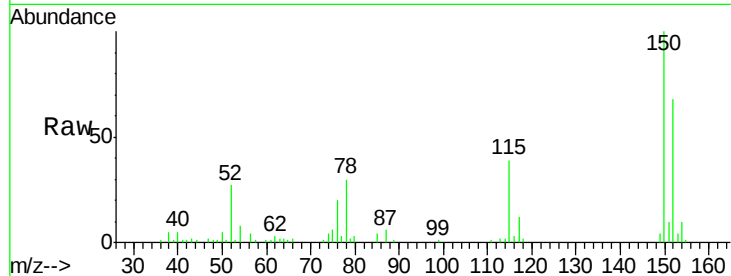
ClientSampleId :

PB87038BS

Tgt Ion:	152	Resp:	22413
Ion Ratio	Lower	Upper	
152	100		
150	147.4	115.0	172.4
115	57.9	43.9	65.9

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#2

1,4-Dioxane

Concen: 31.55 ng

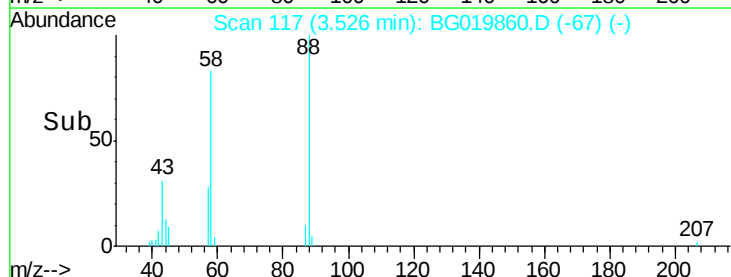
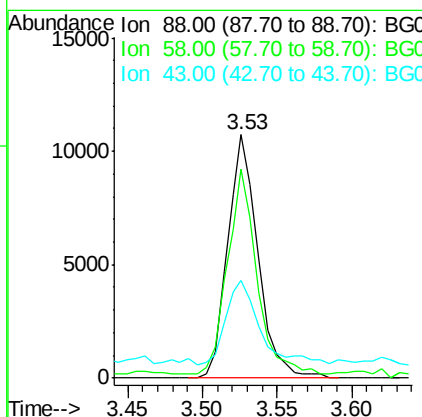
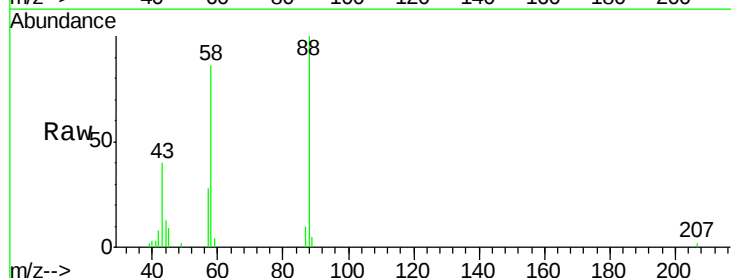
RT: 3.53 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG019860.D

Acq: 3 Dec 2015 8:17

Tgt Ion:	88	Resp:	15241
Ion Ratio	Lower	Upper	
88	100		
58	83.5	0.0	0.0#
43	39.6	0.0	0.0#





#3

Pyridine

Concen: 32.77 ng

RT: 3.93 min Scan# 186

Delta R.T. -0.02 min

Lab File: BG019860.D

Acq: 3 Dec 2015 8:17

Instrument :

BNA_G

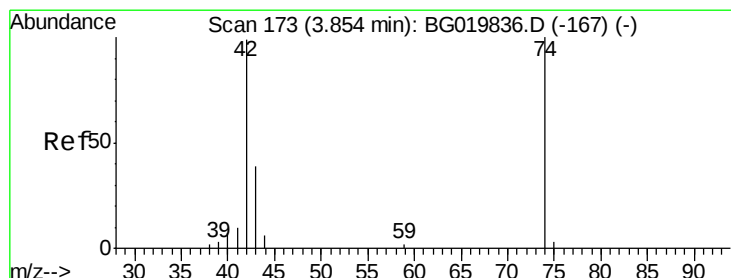
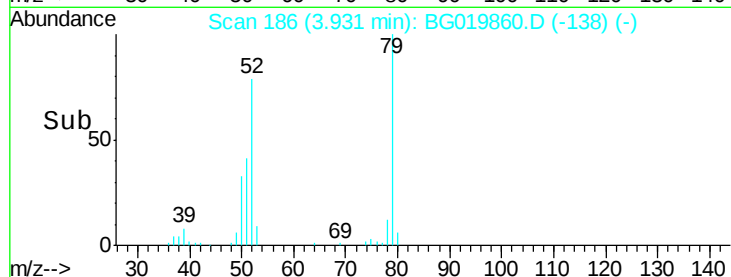
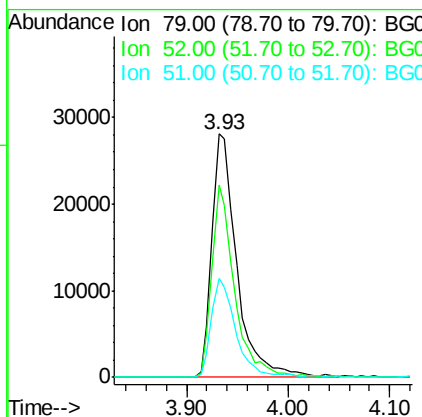
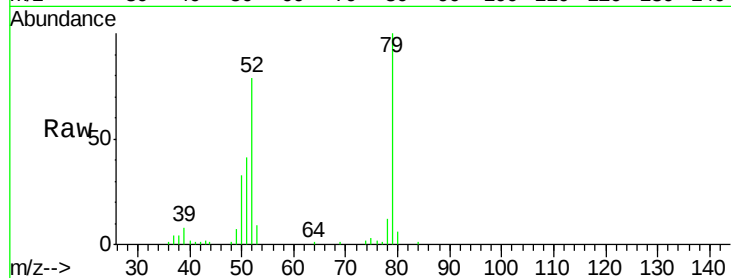
ClientSampleId :

PB87038BS

Tgt Ion:	79	Resp:	48086
Ion Ratio	Lower	Upper	
79	100		
52	79.1	50.3	75.5#
51	40.6	24.8	37.2#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.48 ng

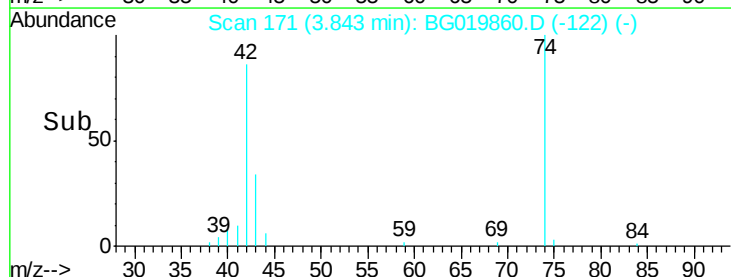
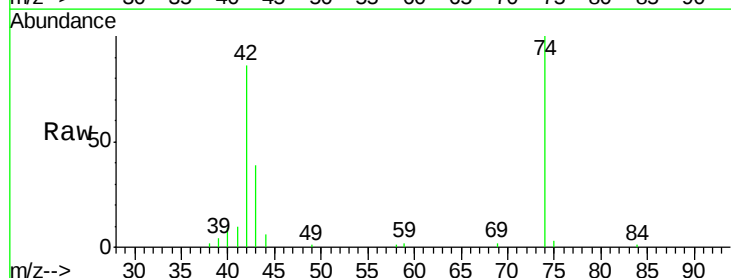
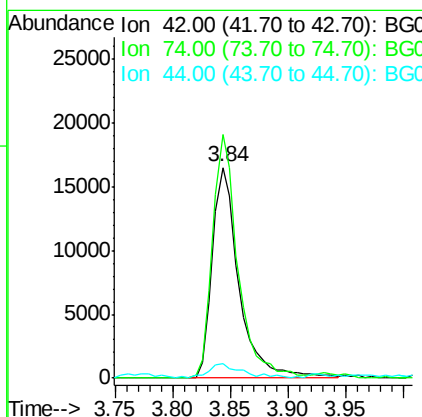
RT: 3.84 min Scan# 171

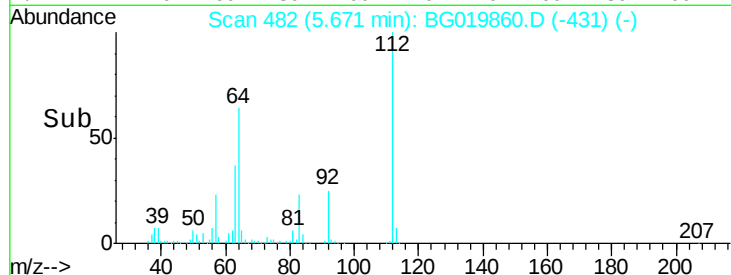
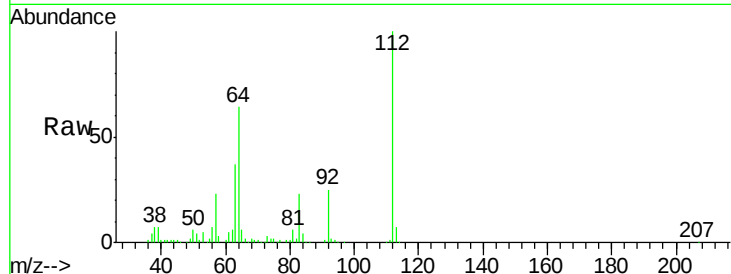
Delta R.T. -0.01 min

Lab File: BG019860.D

Acq: 3 Dec 2015 8:17

Tgt Ion:	42	Resp:	26607
Ion Ratio	Lower	Upper	
42	100		
74	115.6	113.9	170.9
44	6.7	5.7	8.5





#5

2-Fluorophenol

Concen: 119.39 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG019860.D

Acq: 3 Dec 2015 8:17

Instrument :

BNA_G

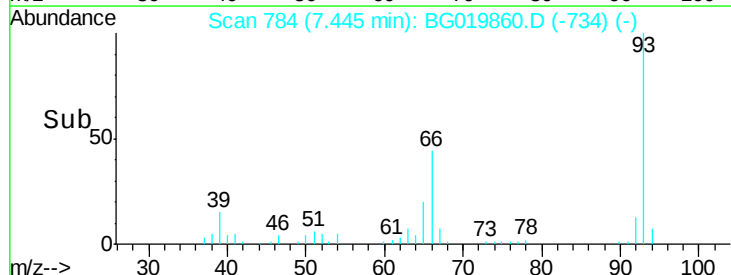
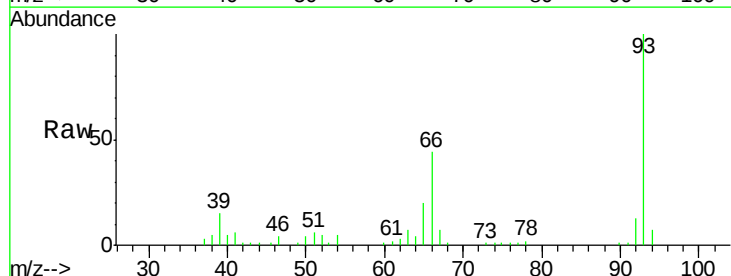
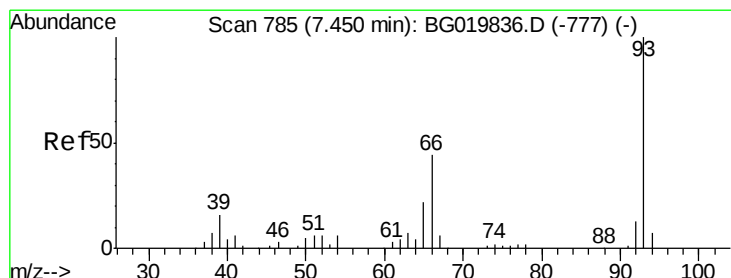
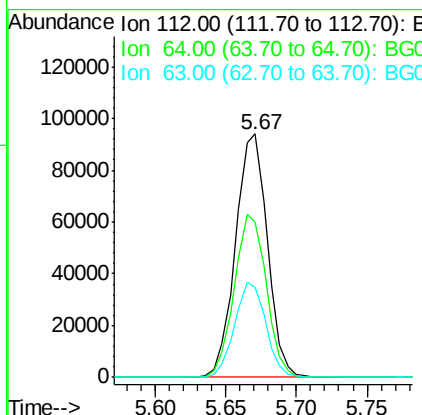
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	148053		
64	64.0	43.7	65.5	
63	36.8	24.0	36.0#	



#6

Aniline

Concen: 25.57 ng

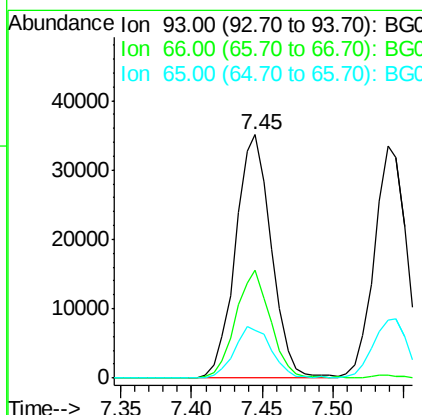
RT: 7.45 min Scan# 784

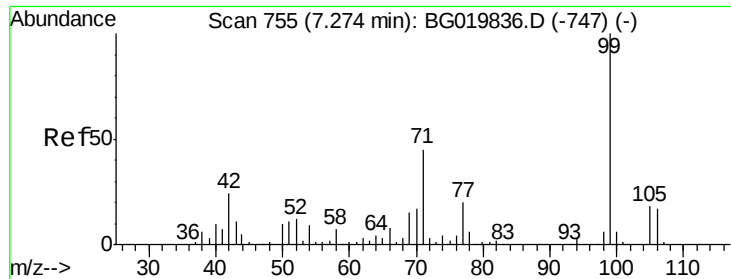
Delta R.T. -0.01 min

Lab File: BG019860.D

Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	62007		
66	44.2	26.2	39.2#	
65	19.6	14.0	21.0	





#7

Phenol-d6

Concen: 114.25 ng

RT: 7.27 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG019860.D

Acq: 3 Dec 2015 8:17

Instrument :

BNA_G

ClientSampleId :

PB87038BS

Tgt Ion: 99 Resp: 213913
Ion Ratio Lower Upper

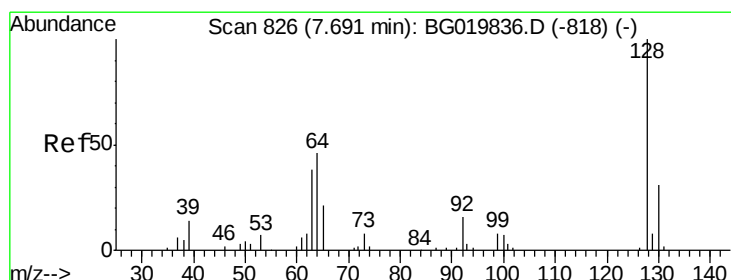
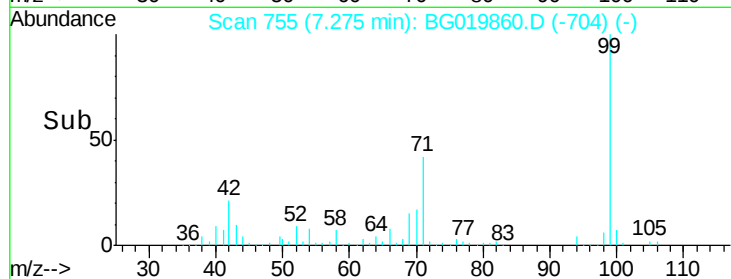
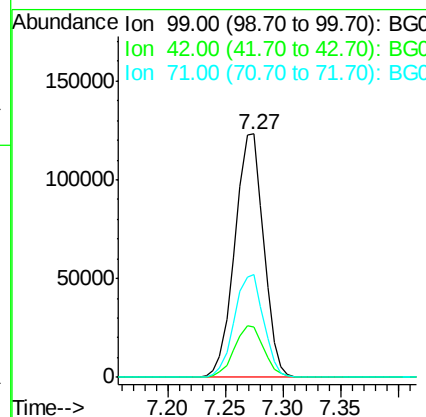
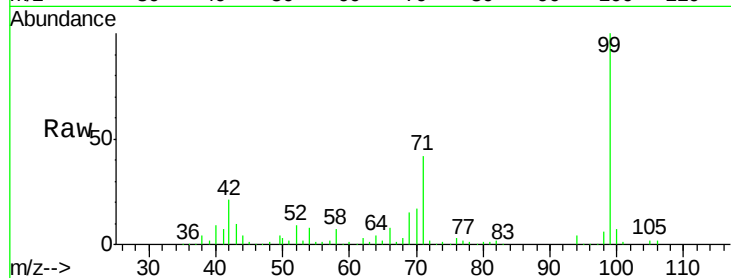
99 100

42 20.7 11.5 17.3#

71 42.1 22.6 34.0#

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#8

2-Chlorophenol

Concen: 37.96 ng

RT: 7.69 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG019860.D

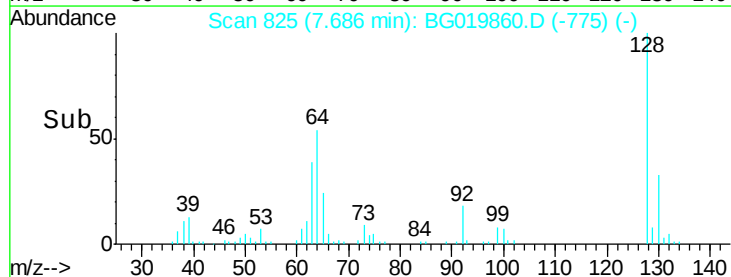
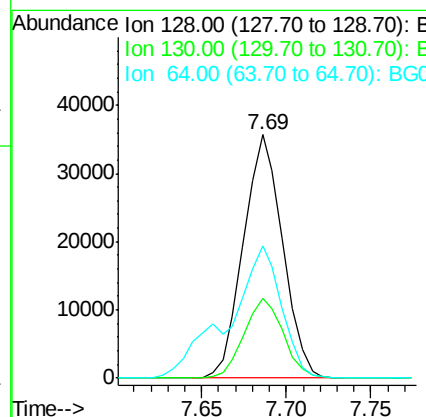
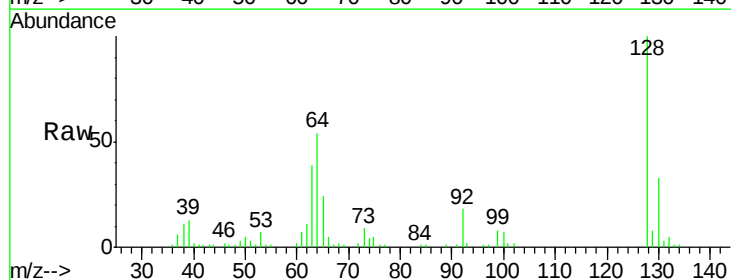
Acq: 3 Dec 2015 8:17

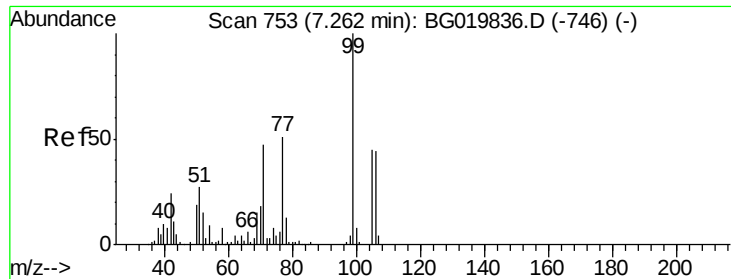
Tgt Ion:128 Resp: 57405
Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

64 54.4 28.2 68.2





#9

Benzaldehyde

Concen: 16.35 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG019860.D

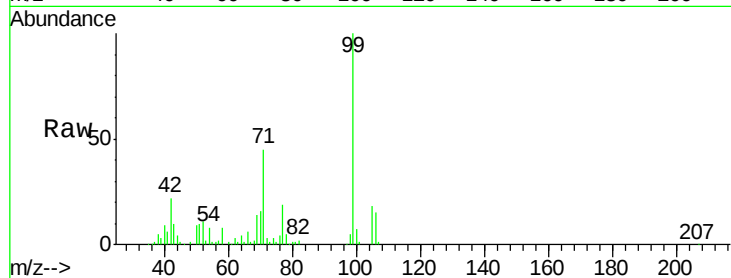
Acq: 3 Dec 2015 8:17

Instrument :

BNA_G

ClientSampleId :

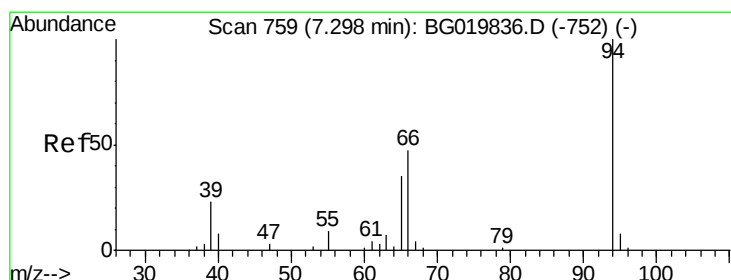
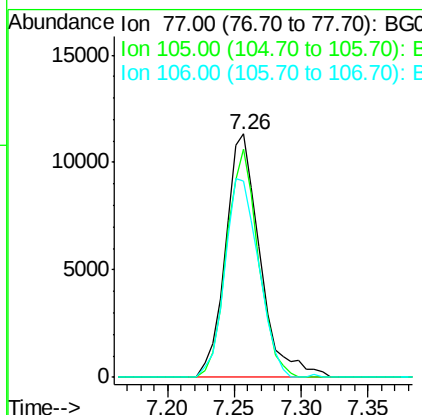
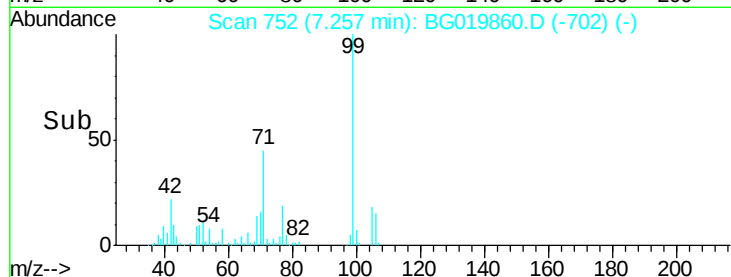
PB87038BS



Tgt Ion:	77	Resp:	20414
Ion Ratio	Lower	Upper	
77	100		
105	93.8	77.7	117.7
106	80.6	75.8	115.8

Manual Integrations
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#10

Phenol

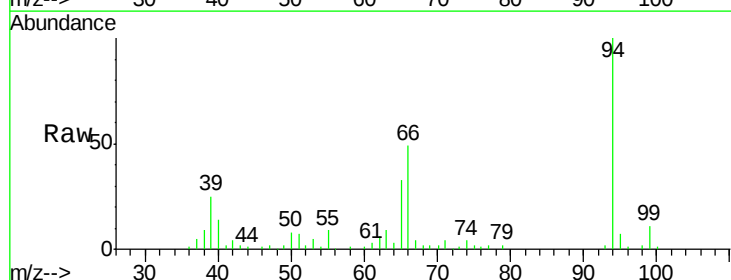
Concen: 39.25 ng

RT: 7.30 min Scan# 759

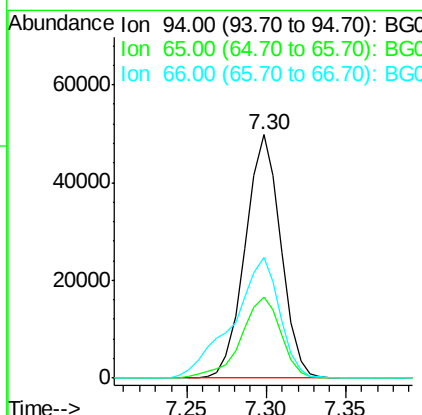
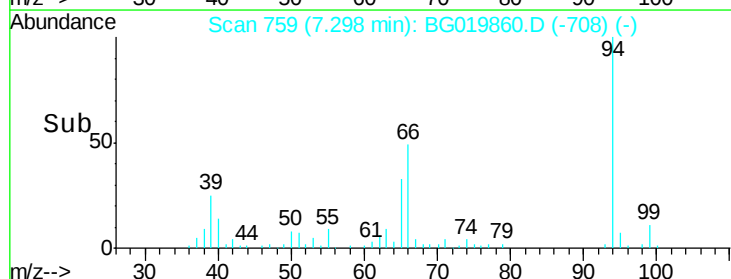
Delta R.T. 0.00 min

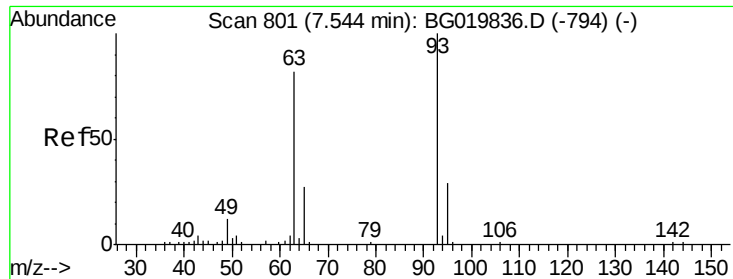
Lab File: BG019860.D

Acq: 3 Dec 2015 8:17



Tgt Ion:	94	Resp:	77352
Ion Ratio	Lower	Upper	
94	100		
65	33.3	5.4	45.4
66	49.4	11.8	51.8





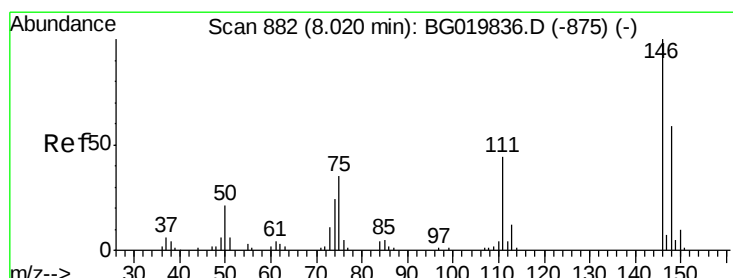
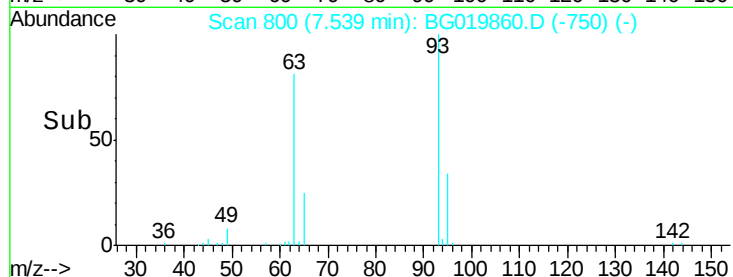
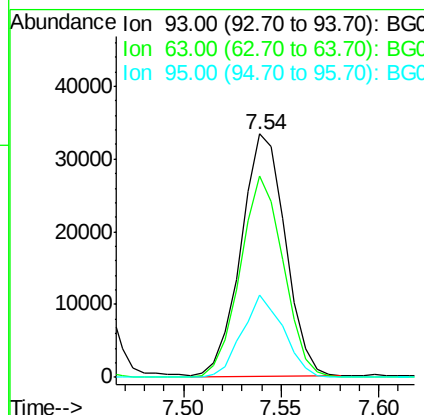
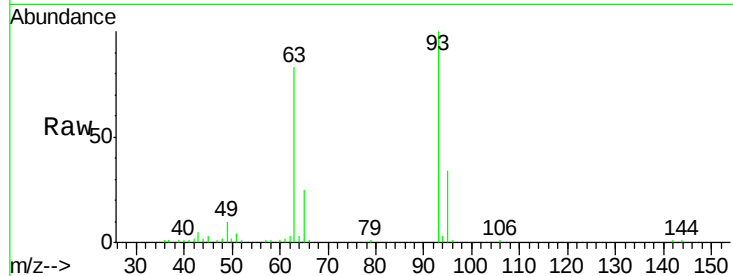
#11
bis(2-Chloroethyl)ether
Concen: 35.91 ng
RT: 7.54 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Instrument :
BNA_G
ClientSampleId :
PB87038BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	82.8	50.5	90.5
95	34.0	12.2	52.2

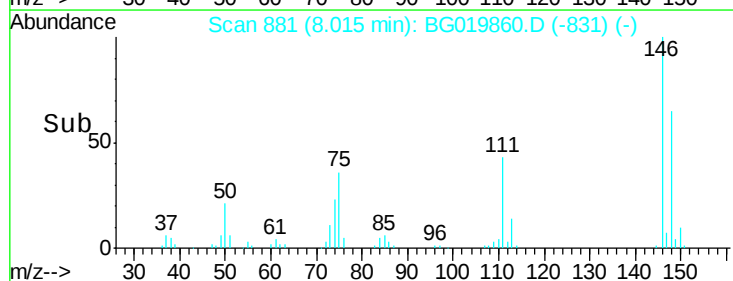
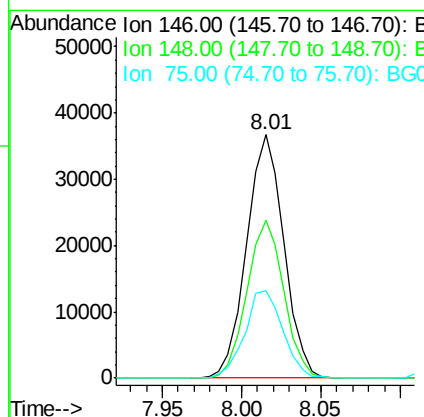
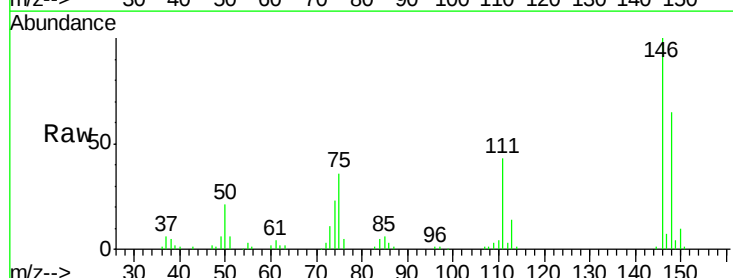
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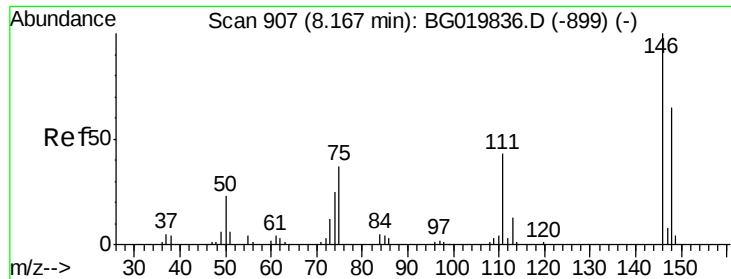
Mmdadoda
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#12
1,3-Dichlorobenzene
Concen: 34.89 ng
RT: 8.01 min Scan# 881
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	53.4	80.0
75	35.9	21.1	31.7





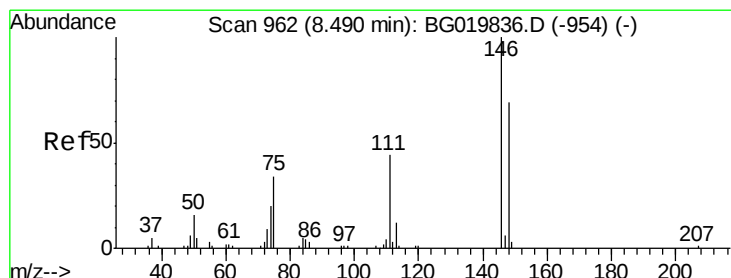
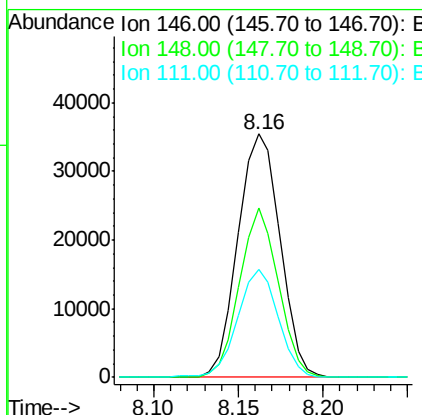
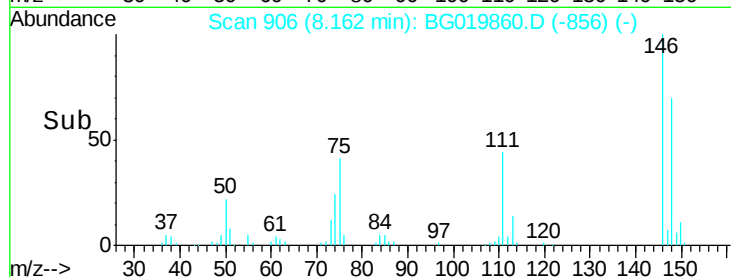
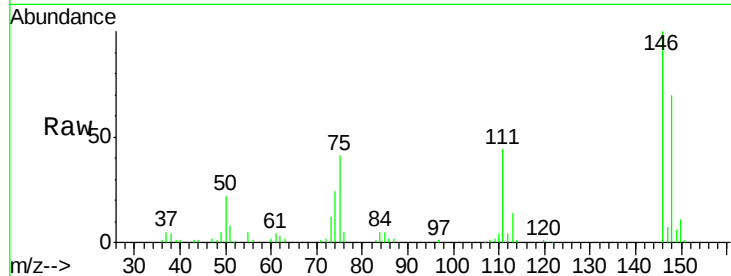
#13
 1,4-Dichlorobenzene
 Concen: 34.66 ng
 RT: 8.16 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87038BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.7	52.5	78.7
111	44.2	28.3	42.5

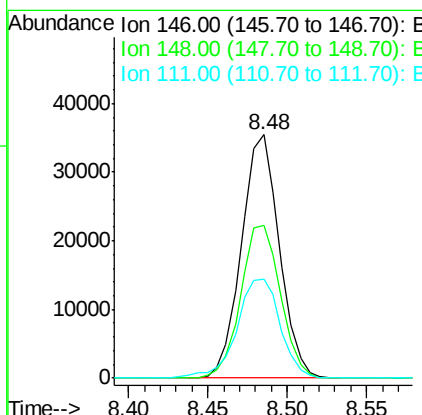
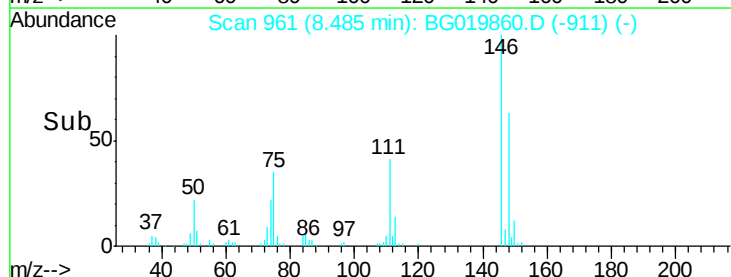
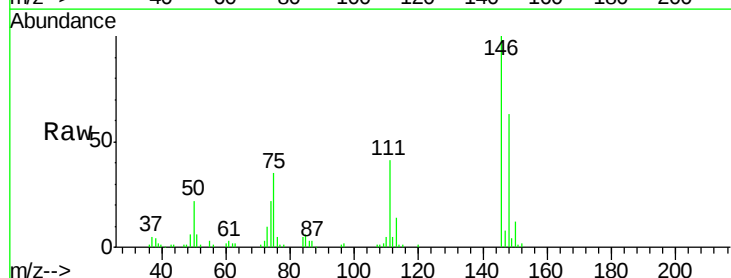
Manual Integrations
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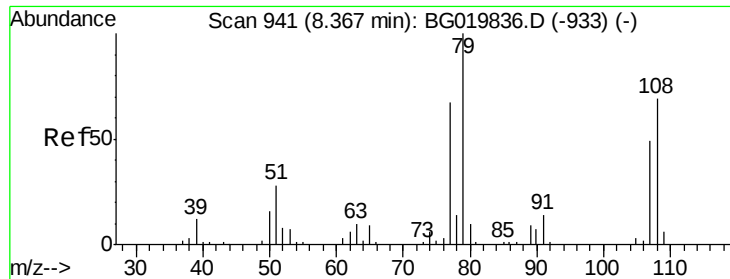
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 12/3/2015 7:14:16 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.83 ng
 RT: 8.48 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

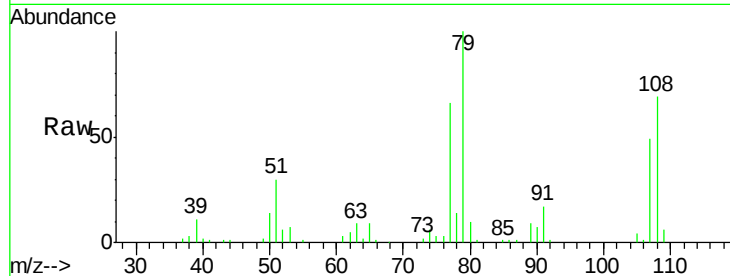
Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.5	78.7
111	40.9	29.9	44.9





#15
Benzyl Alcohol
Concen: 37.96 ng
RT: 8.36 min Scan# 940
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

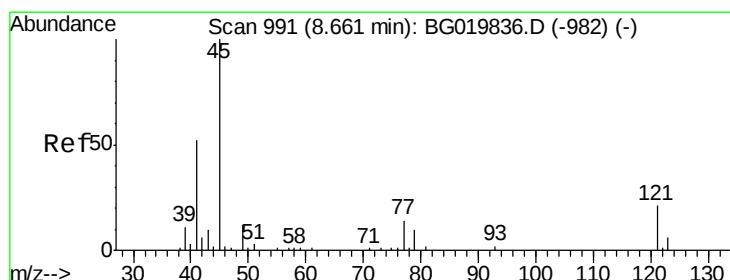
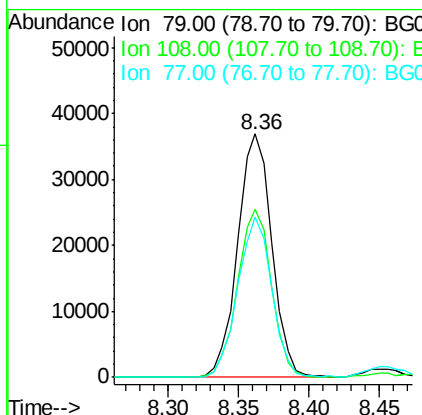
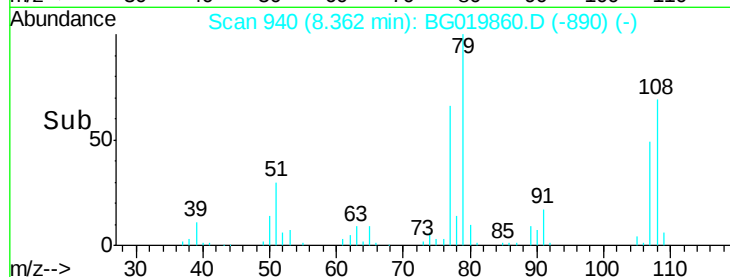
Instrument :
BNA_G
ClientSampleId :
PB87038BS



Tgt Ion	Ratio	Lower	Upper
79	100		
108	68.8	65.5	98.3
77	66.1	51.3	76.9

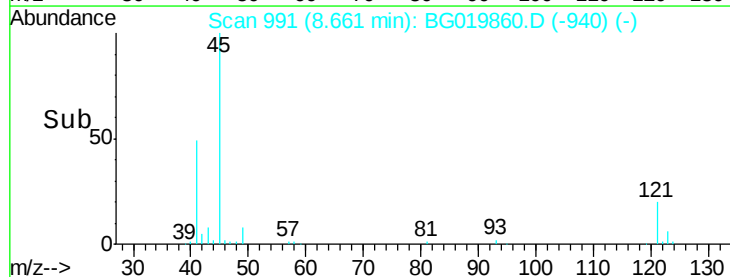
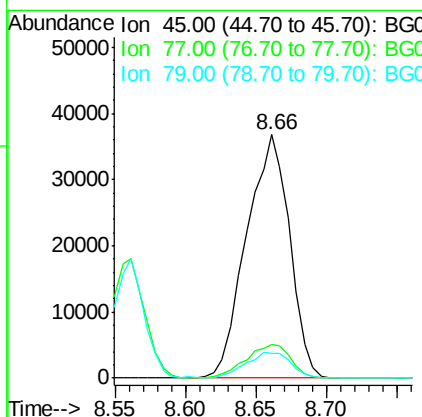
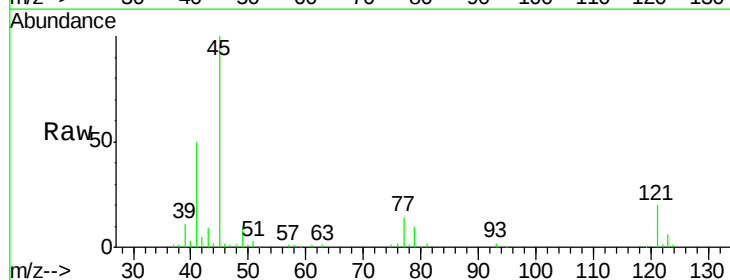
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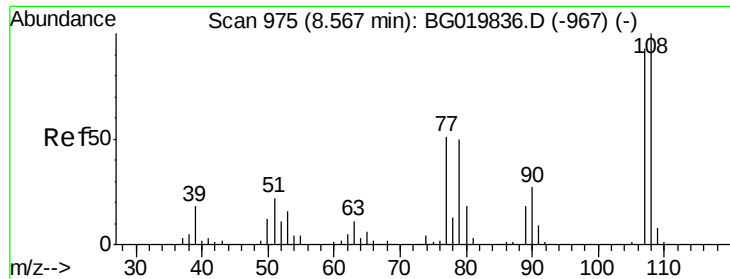
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.06 ng
RT: 8.66 min Scan# 991
Delta R.T. 0.00 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	37.0
79	10.3	0.0	33.8





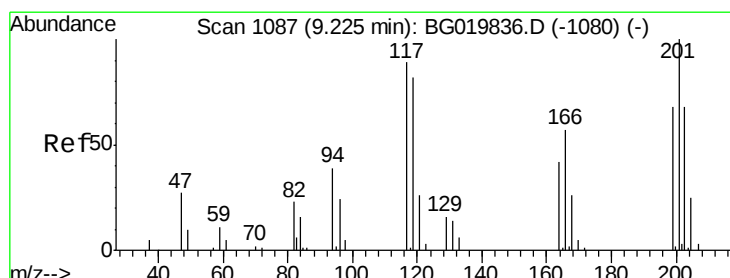
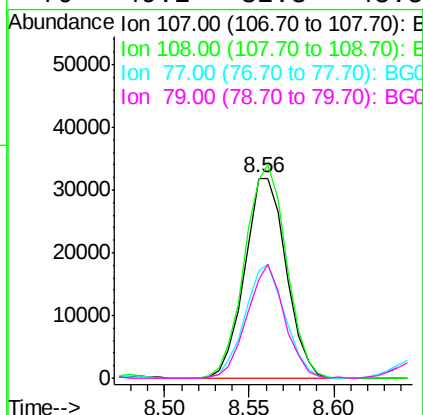
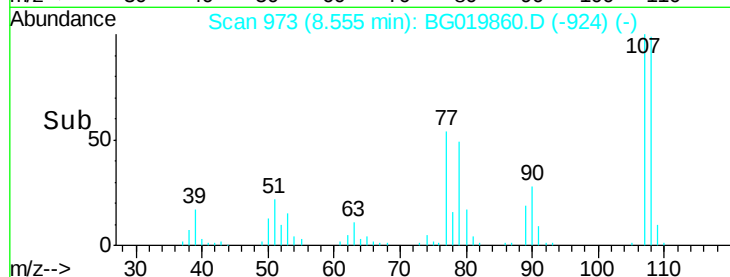
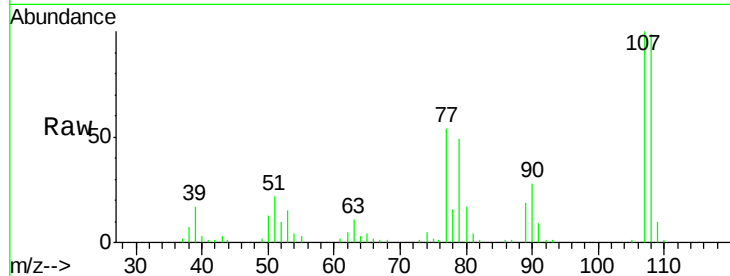
#17
2-Methylphenol
Concen: 39.03 ng
RT: 8.56 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Instrument :
BNA_G
ClientSampleId :
PB87038BS

Tgt Ion:	107	Resp:	54290
Ion Ratio	Lower	Upper	
107	100		
108	98.8	86.5	129.7
77	54.0	34.6	51.8#
79	49.2	32.3	48.5#

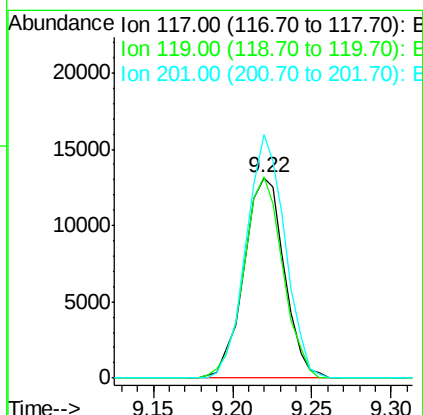
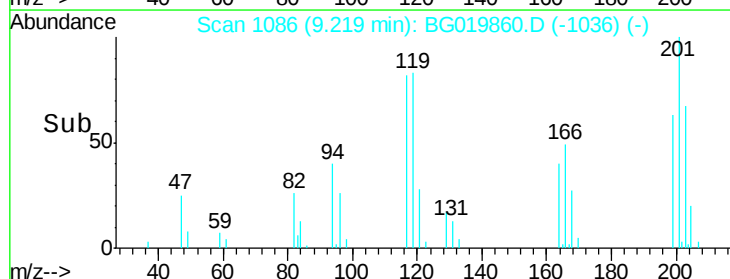
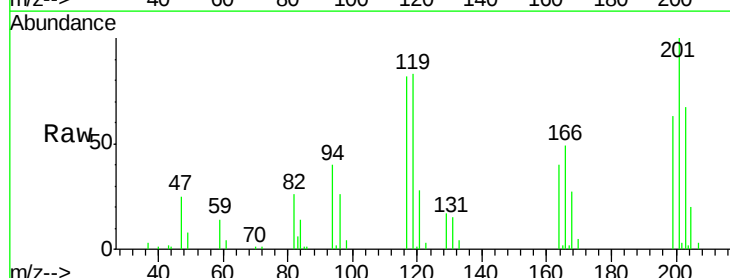
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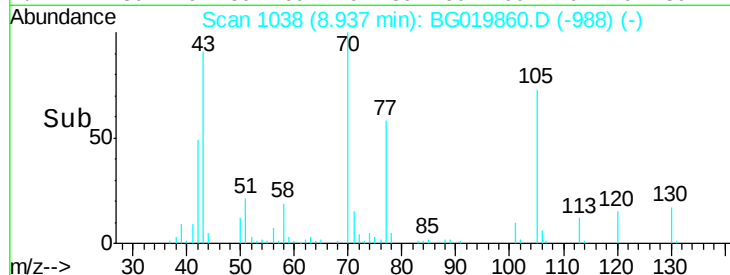
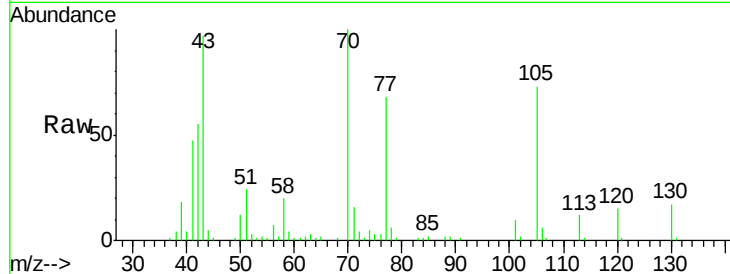
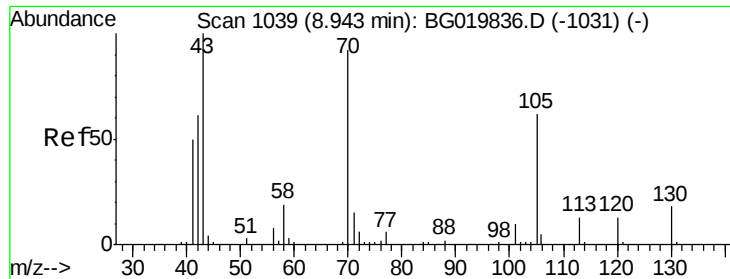
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#18
Hexachloroethane
Concen: 34.88 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Tgt Ion:	117	Resp:	23122
Ion Ratio	Lower	Upper	
117	100		
119	100.5	71.7	107.5
201	125.0	90.9	136.3





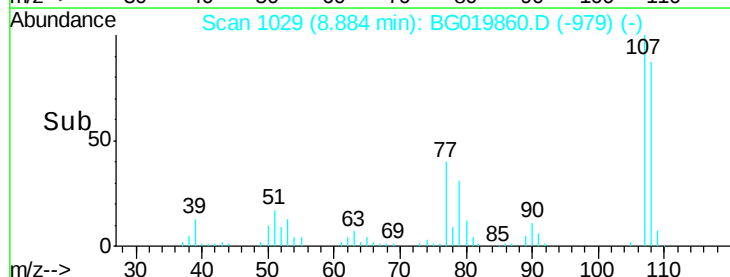
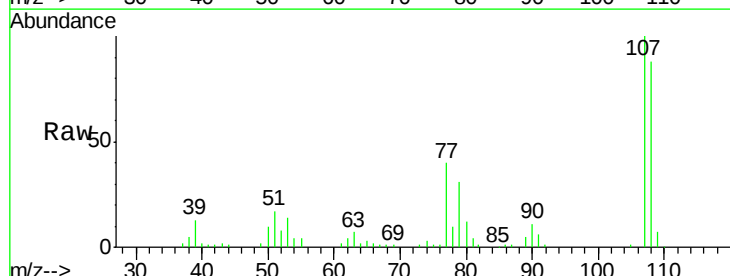
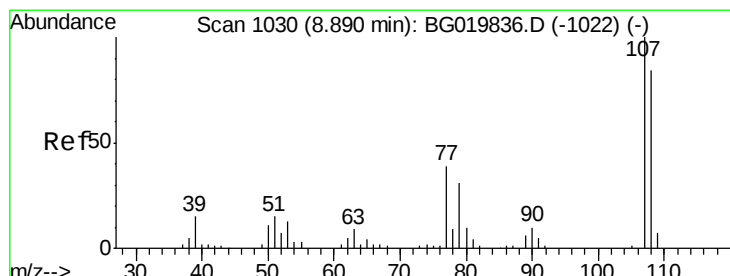
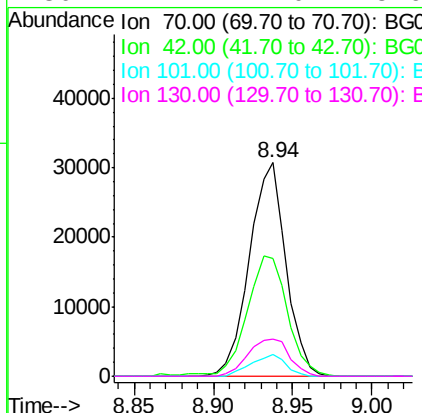
#19
n-Nitroso-di-n-propylamine
Concen: 33.34 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Instrument :
BNA_G
ClientSampleId :
PB87038BS

Manual Integrations
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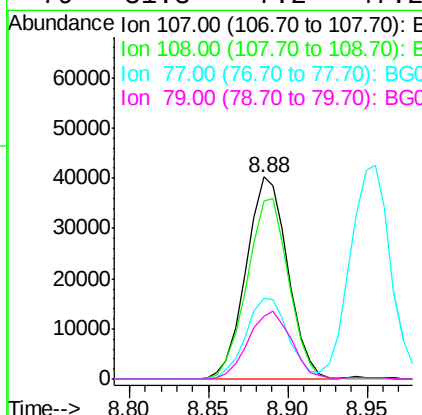
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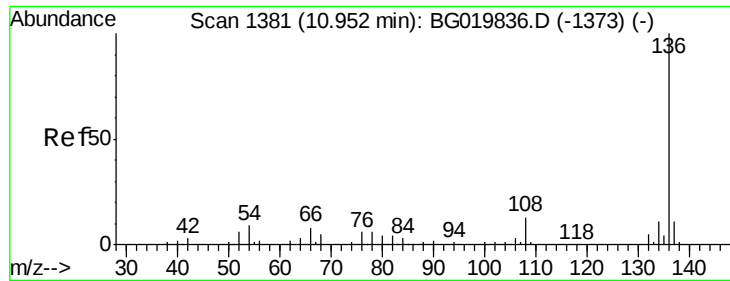
Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.3	40.6	60.8
101	10.2	8.6	13.0
130	17.2	17.0	25.6



#20
3+4-Methylphenols
Concen: 37.51 ng
RT: 8.88 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	72.2	112.2
77	40.0	13.4	53.4
79	31.3	7.2	47.2





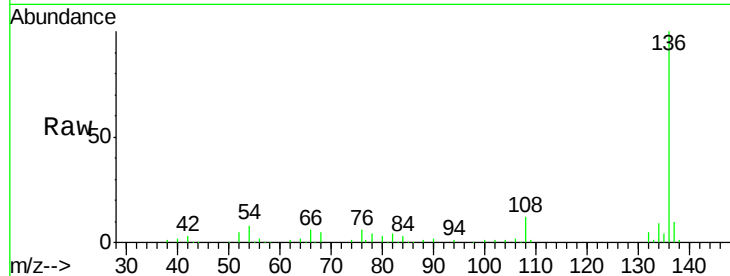
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Instrument :
BNA_G
ClientSampleId :
PB87038BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.2	8.6	12.8
54	7.9	5.4	8.2
68	5.4	5.3	7.9

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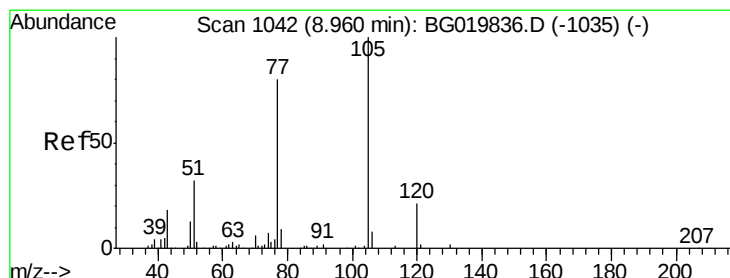
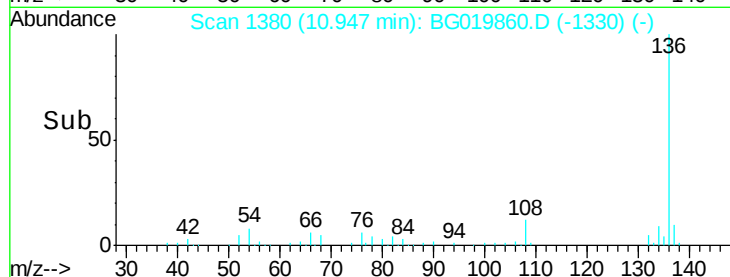
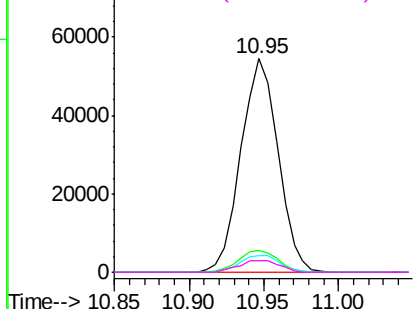
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 33.73 ng
RT: 8.96 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	1.6	2.1	3.1#
51	31.6	17.8	26.8#
120	21.0	17.7	26.5

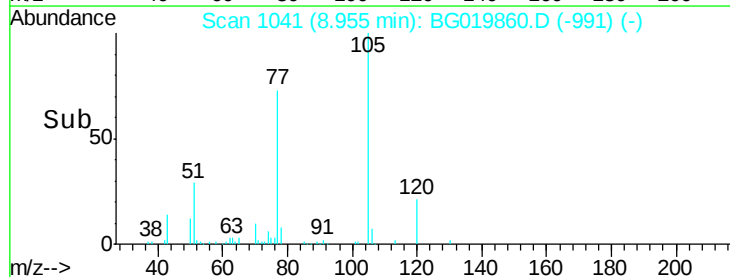
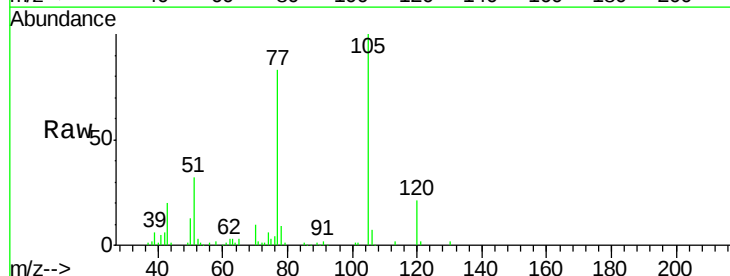
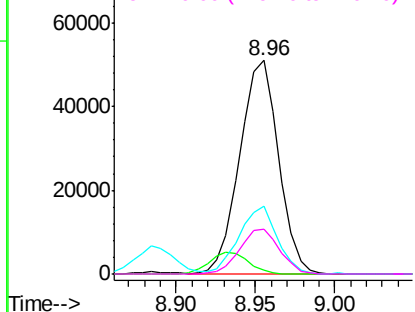
Abundance

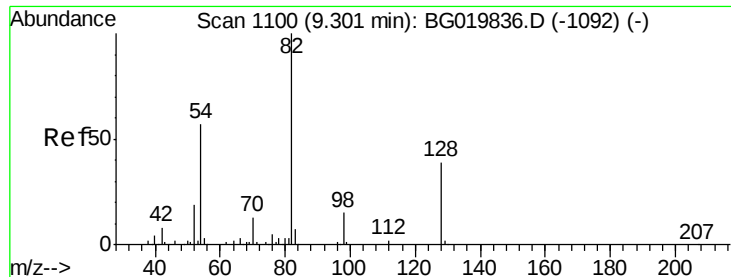
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





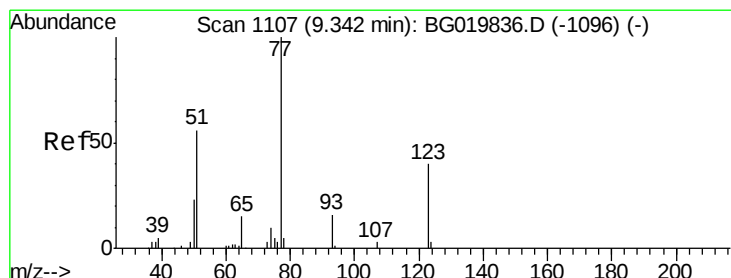
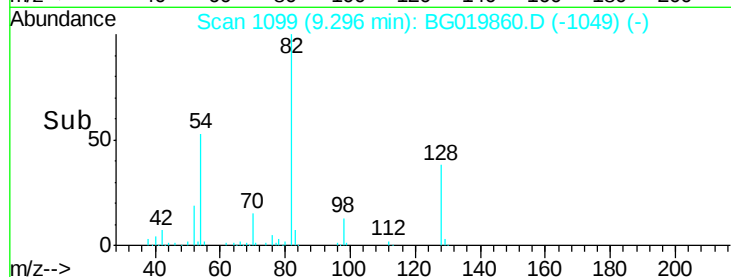
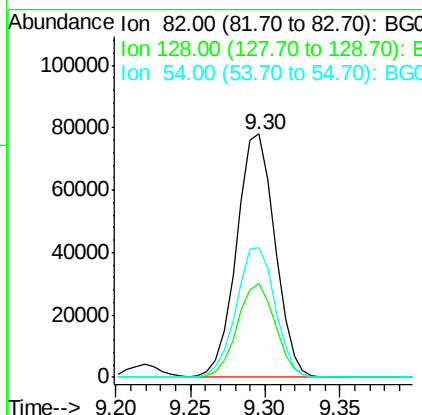
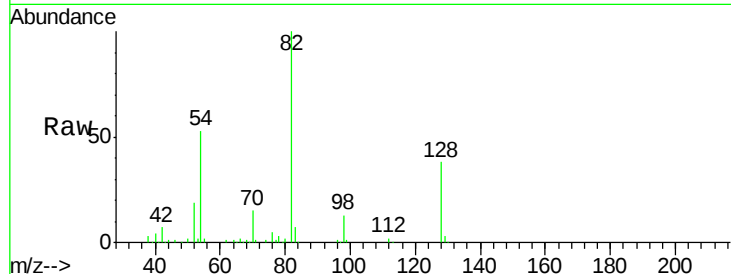
#23
 Nitrobenzene-d5
 Concen: 75.75 ng
 RT: 9.30 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87038BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	38.4	36.7	55.1
54	53.1	33.8	50.8

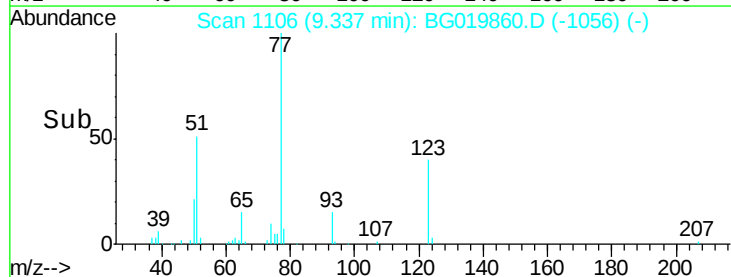
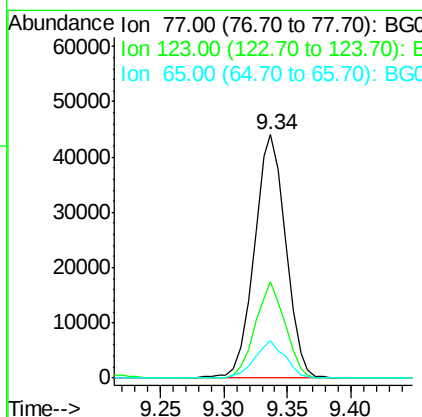
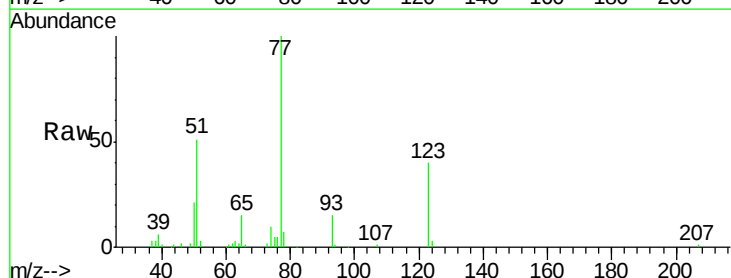
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#24
 Nitrobenzene
 Concen: 37.89 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	39.7	38.2	57.2
65	15.5	10.6	16.0





#25

Isophorone

Concen: 33.84 ng

RT: 9.87 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BG019860.D

Acq: 3 Dec 2015 8:17

Instrument :

BNA_G

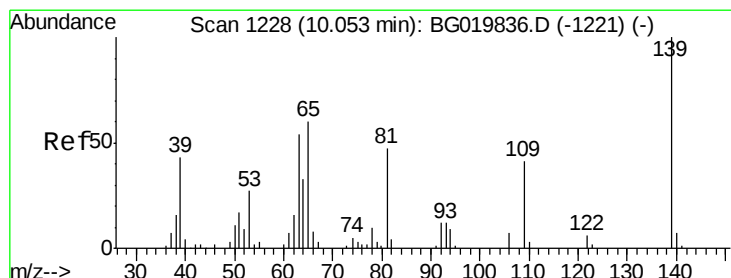
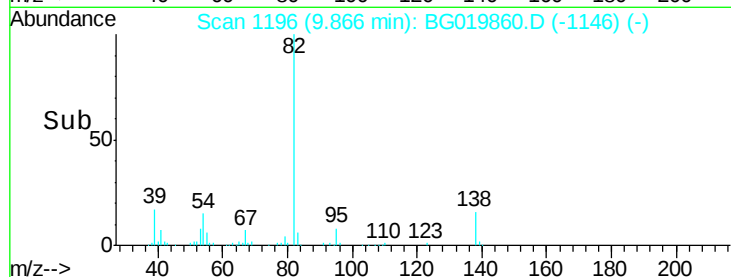
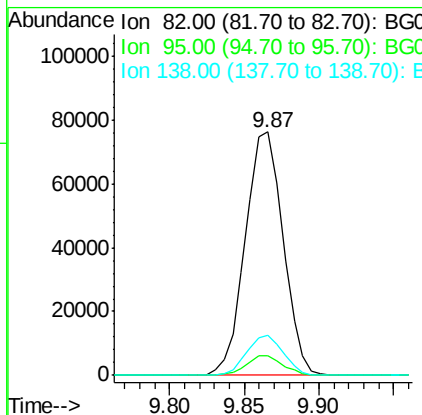
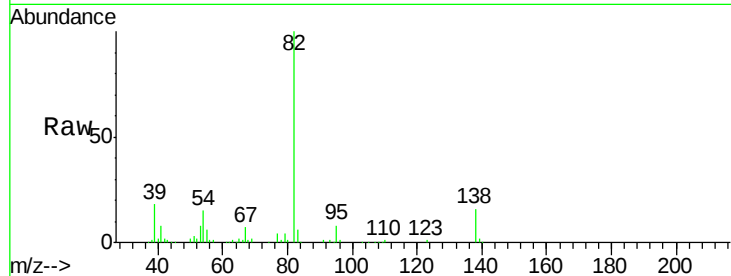
ClientSampleId :

PB87038BS

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.1	5.2	7.8#
138	16.4	14.4	21.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.00 ng

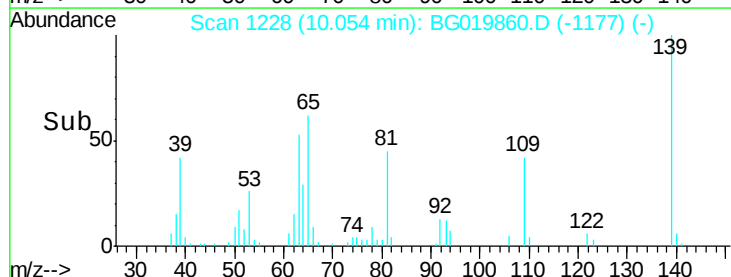
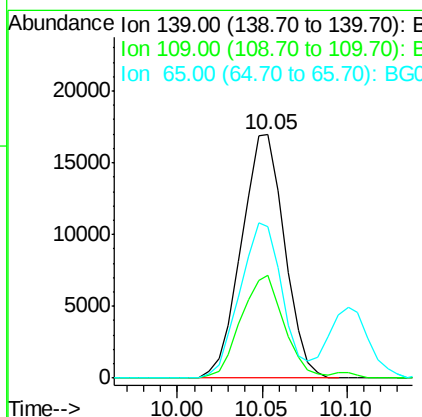
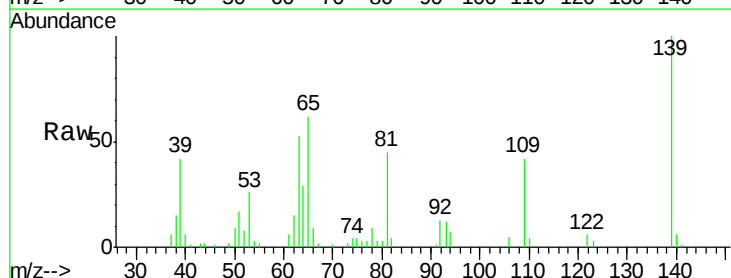
RT: 10.05 min Scan# 1228

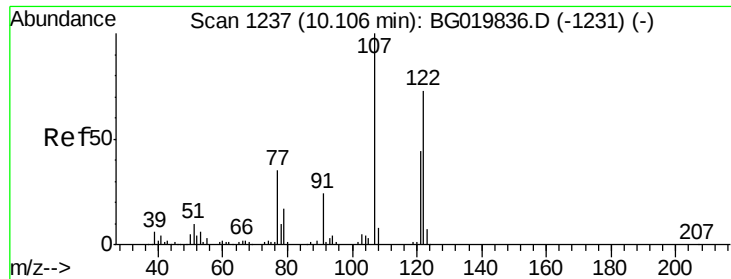
Delta R.T. 0.00 min

Lab File: BG019860.D

Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	42.1	20.1	30.1#
65	62.3	34.1	51.1#





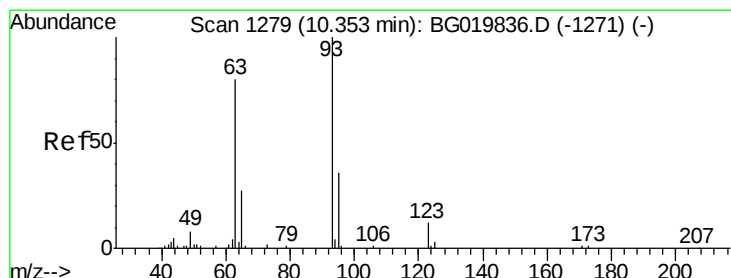
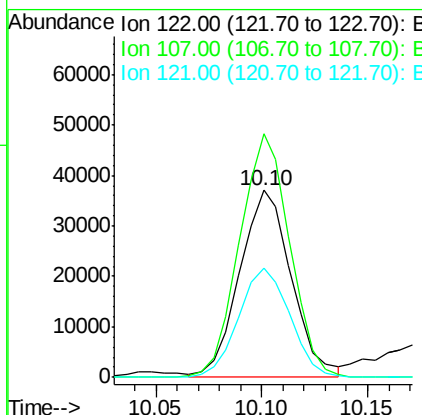
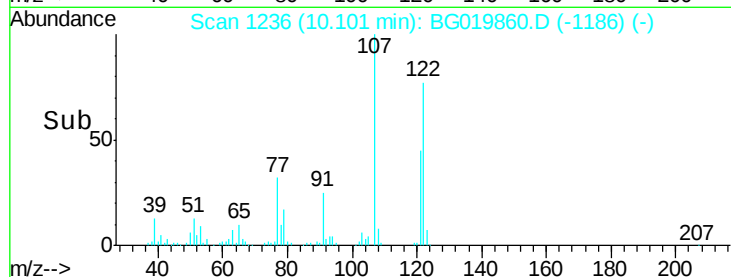
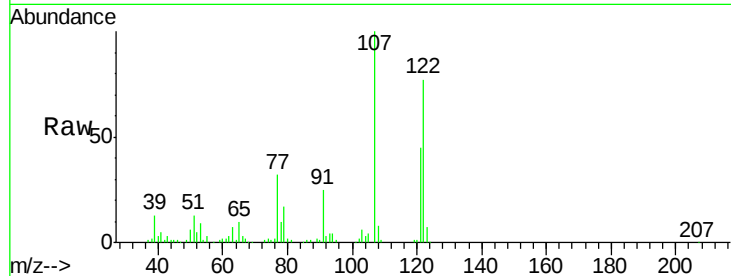
#27
 2,4-Dimethylphenol
 Concen: 38.88 ng
 RT: 10.10 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87038BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	62522		
107	130.3	91.6	137.4	
121	58.6	47.3	70.9	

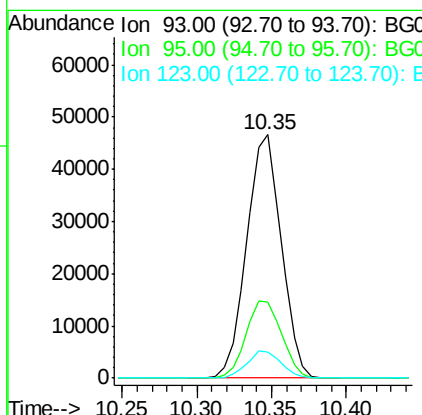
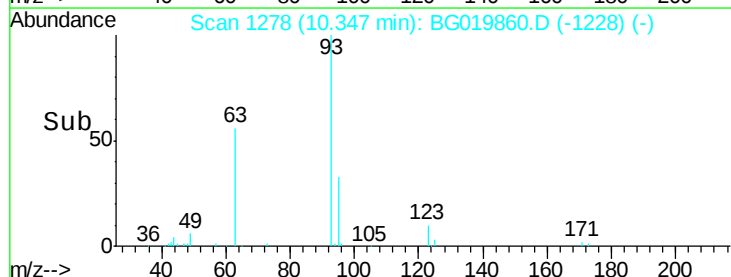
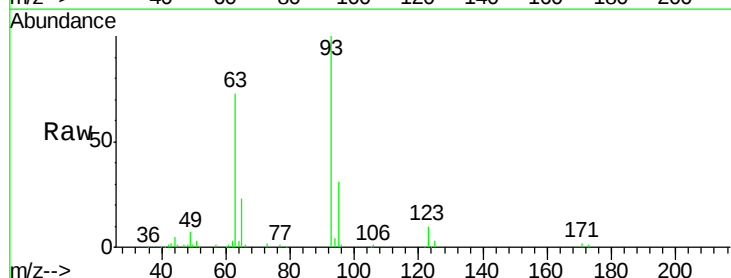
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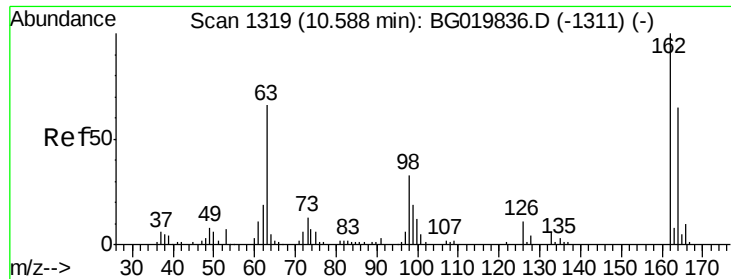
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.58 ng
 RT: 10.35 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	74490		
95	31.1	25.7	38.5	
123	10.5	8.6	12.8	





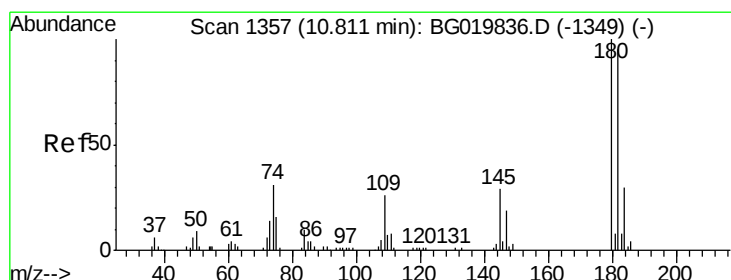
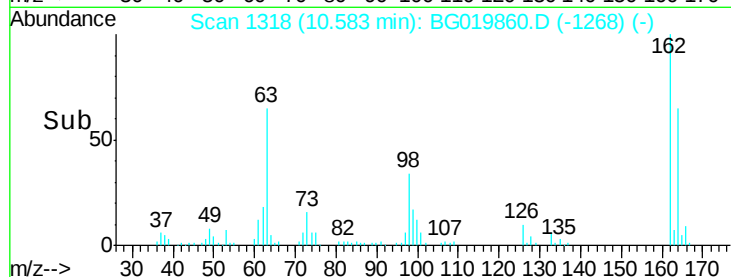
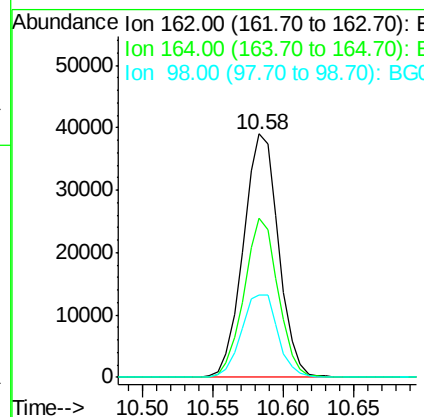
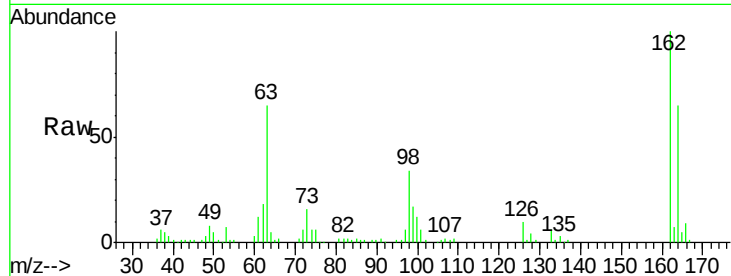
#29
2,4-Dichlorophenol
Concen: 41.47 ng
RT: 10.58 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Instrument :
BNA_G
ClientSampleId :
PB87038BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.3	42.3	82.3
98	33.7	11.5	51.5

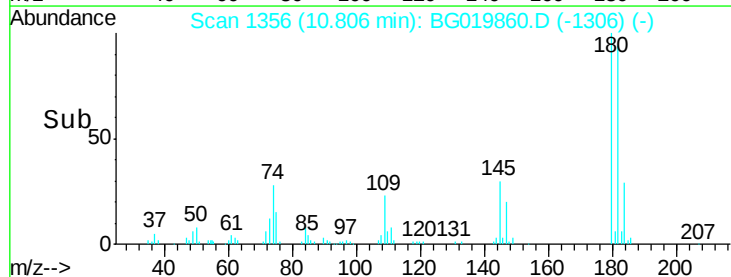
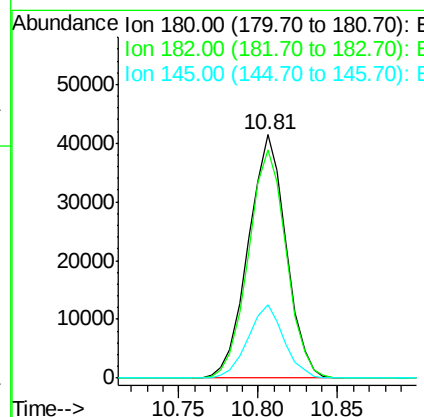
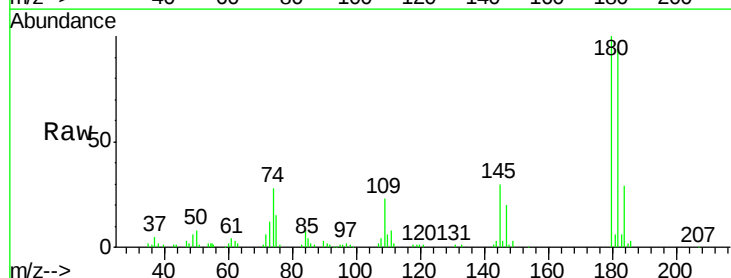
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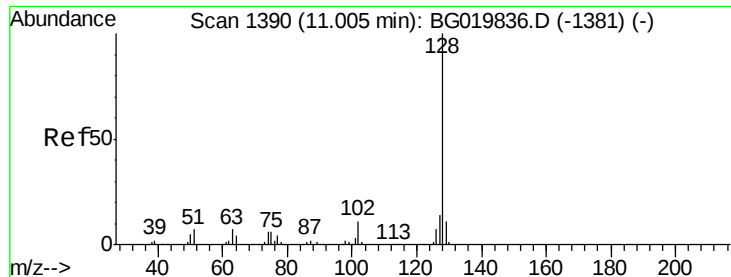
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#30
1,2,4-Trichlorobenzene
Concen: 36.92 ng
RT: 10.81 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.6	79.7	119.5
145	30.0	22.0	33.0





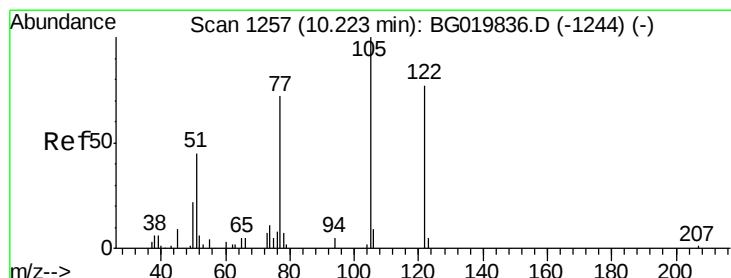
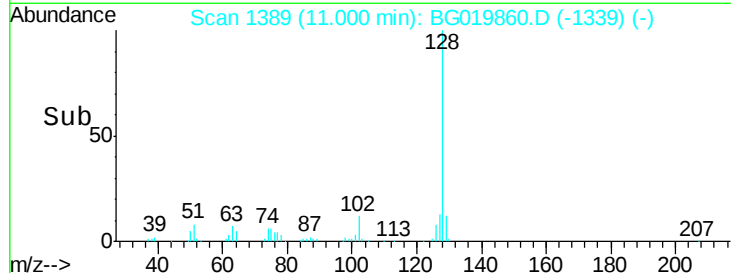
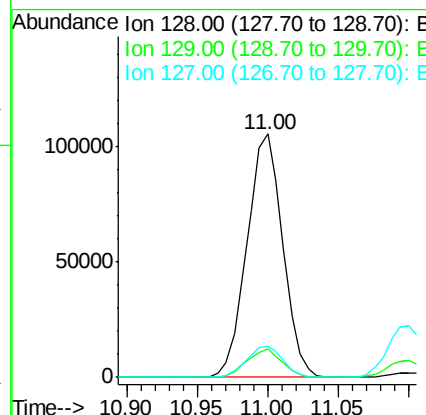
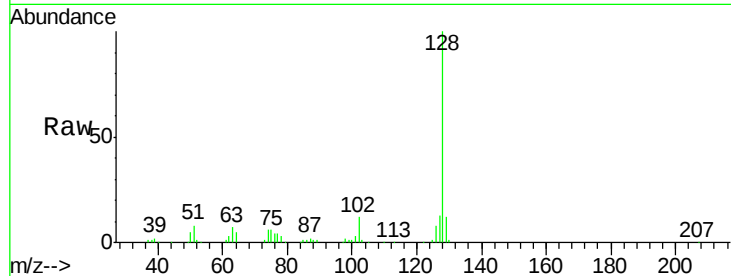
#31
Naphthalene
Concen: 37.13 ng
RT: 11.00 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Instrument :
BNA_G
ClientSampleId :
PB87038BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	187127		
129	11.5	8.5	12.7	
127	12.6	10.6	16.0	

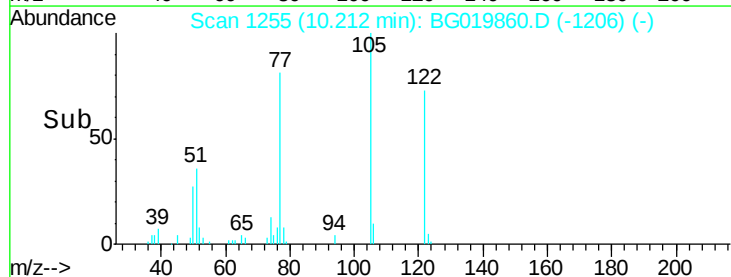
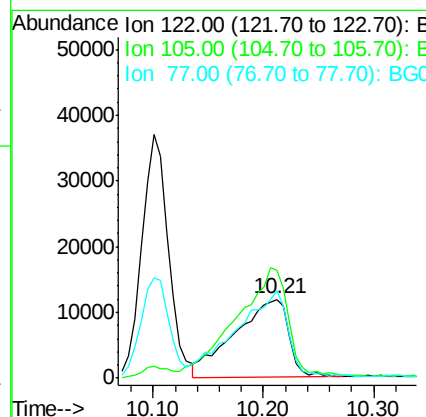
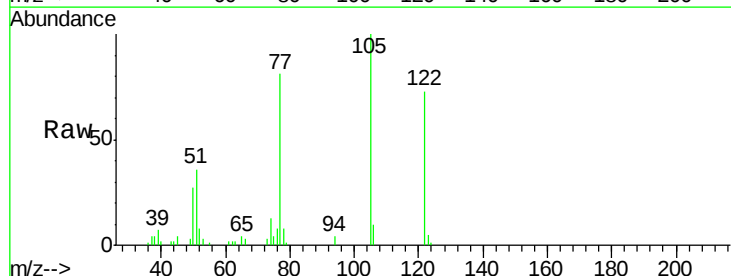
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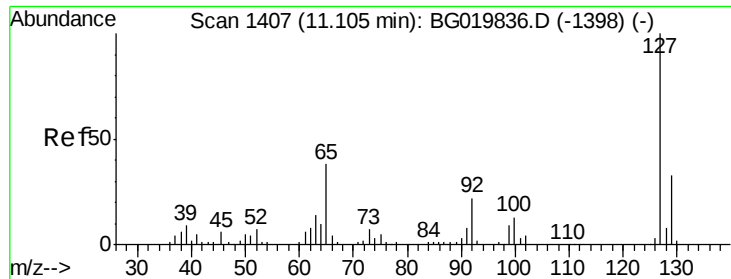
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#32
Benzoic acid
Concen: 38.50 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	40252		
105	136.8	103.8	143.8	
77	111.1	68.8	108.8	





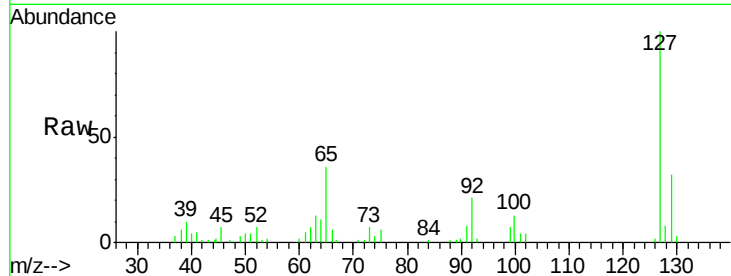
#33
4-Chloroaniline
Concen: 18.90 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Instrument :
BNA_G
ClientSampleId :
PB87038BS

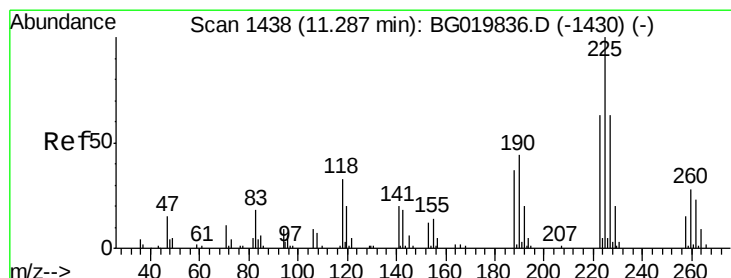
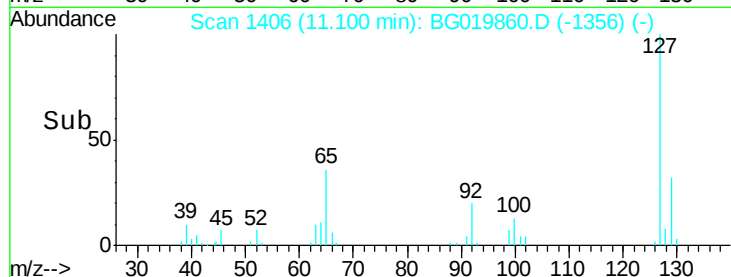
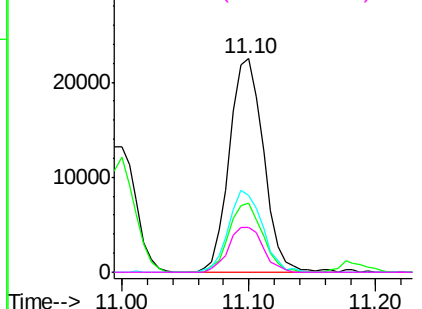
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	41963		
129	32.4	24.6	37.0	
65	35.7	22.6	33.8	
92	21.2	15.1	22.7	

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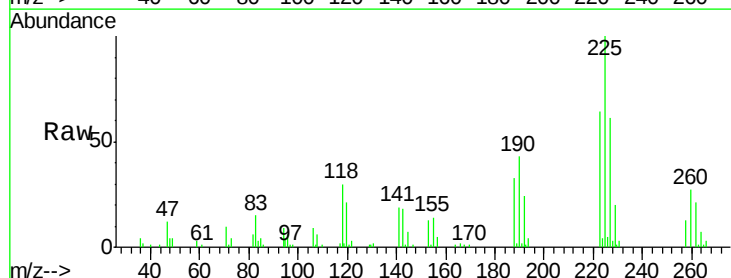


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

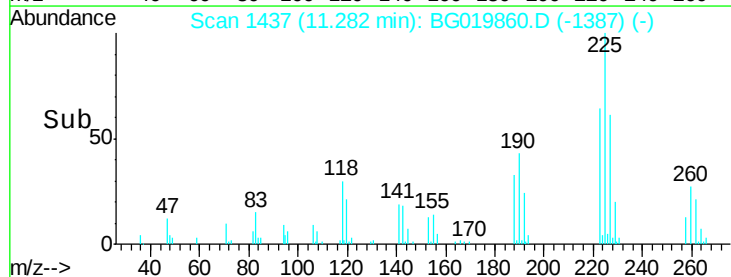
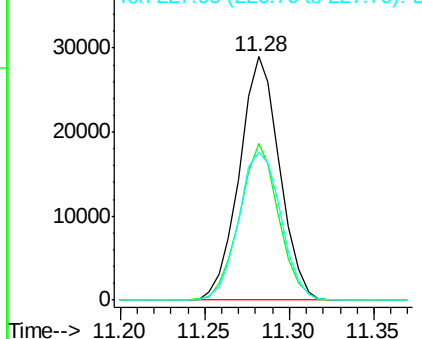


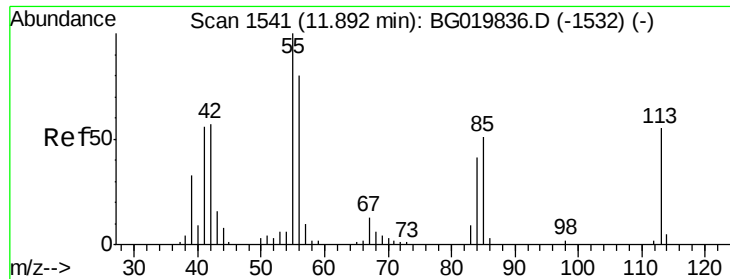
#34
Hexachlorobutadiene
Concen: 34.88 ng
RT: 11.28 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	47764		
223	68.1	51.0	76.4	
227	60.8	51.8	77.8	



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





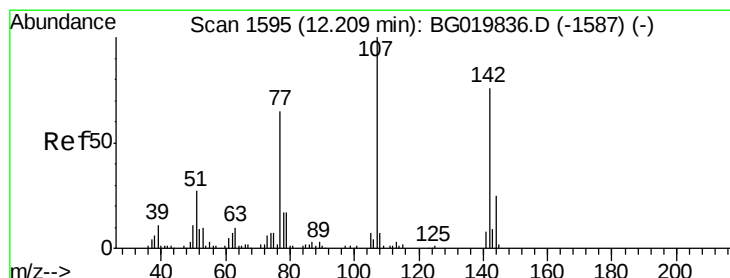
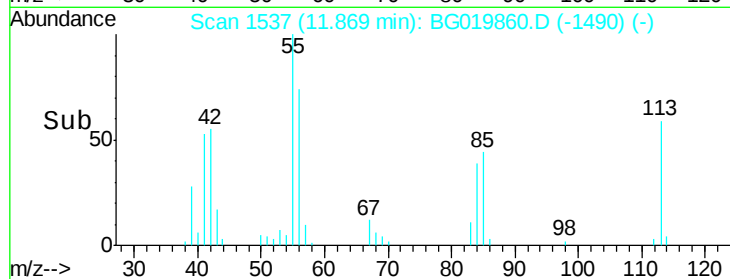
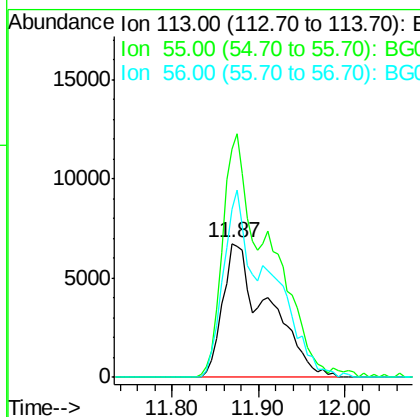
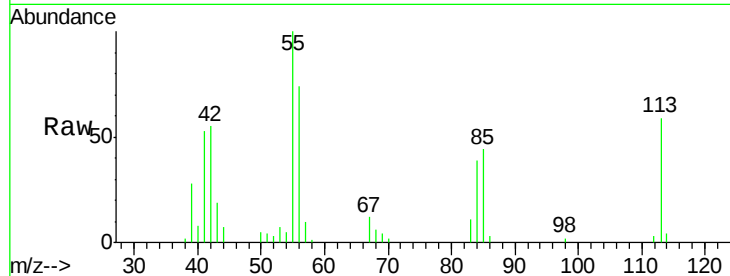
#35
 Caprolactam
 Concen: 40.53 ng m
 RT: 11.87 min Scan# 1537
 Delta R.T. -0.02 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87038BS

Tgt Ion:113 Resp: 24783
 Ion Ratio Lower Upper
 113 100
 55 170.8 135.0 175.0
 56 125.8 83.4 123.4#

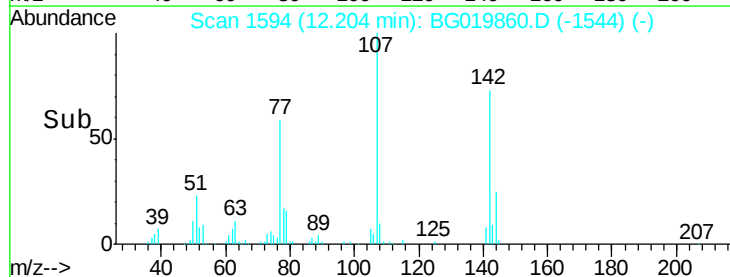
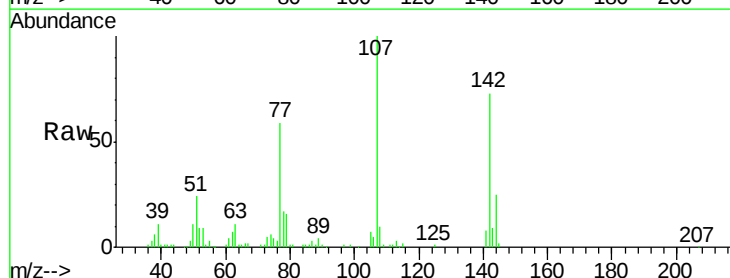
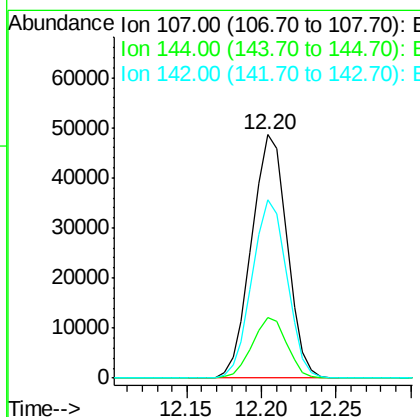
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#36
 4-Chloro-3-methylphenol
 Concen: 39.12 ng
 RT: 12.20 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Tgt Ion:107 Resp: 80025
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.6 31.0
 142 73.5 62.6 93.8





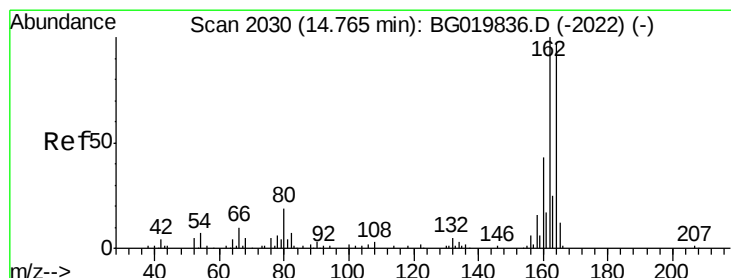
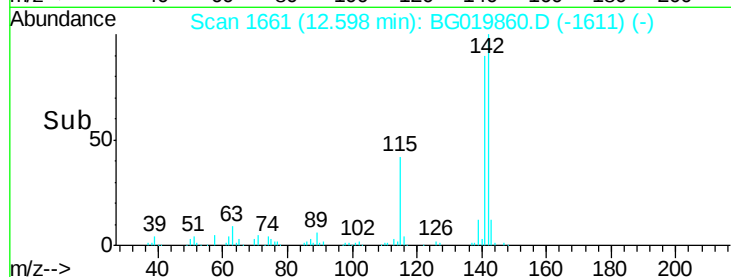
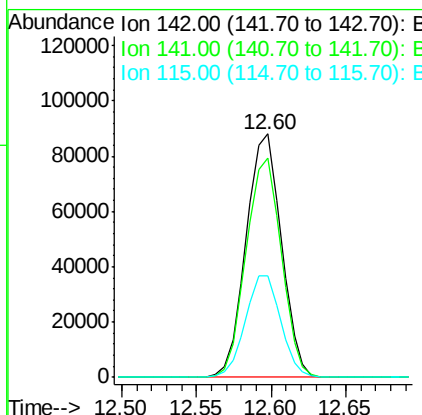
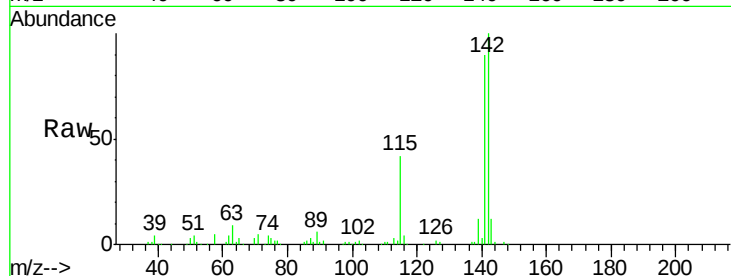
#37
2-Methylnaphthalene
Concen: 38.96 ng
RT: 12.60 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Instrument :
BNA_G
ClientSampleId :
PB87038BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	143893		
141	89.9	74.6	112.0	
115	41.6	27.4	41.0	

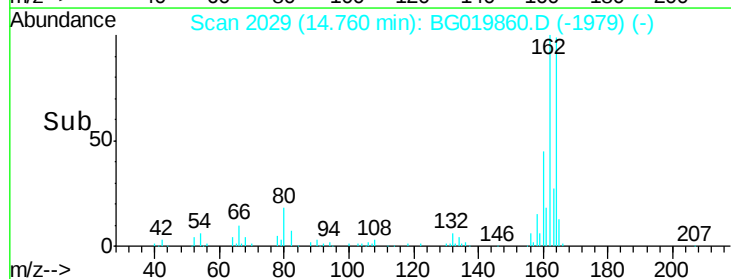
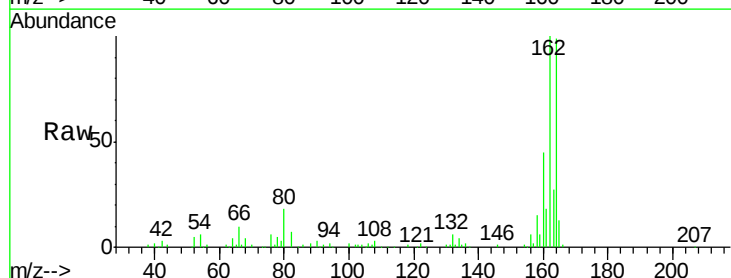
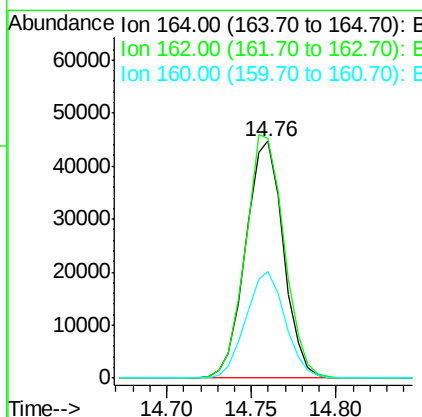
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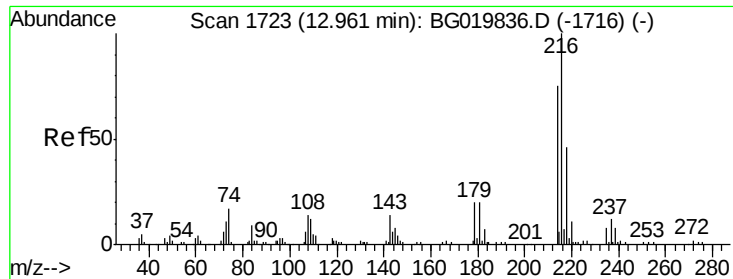
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	69557		
162	101.0	78.8	118.2	
160	45.3	36.4	54.6	





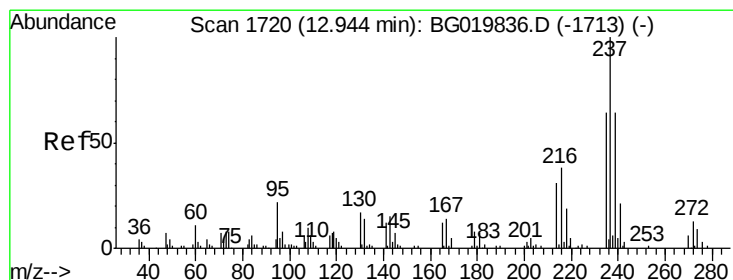
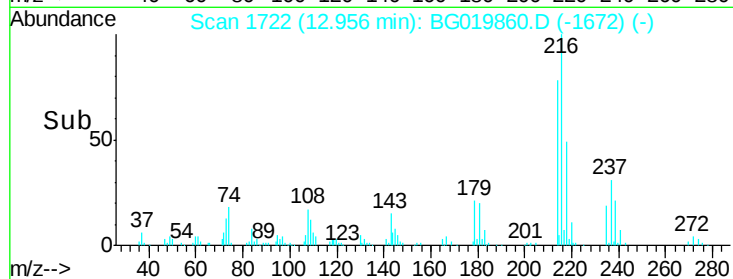
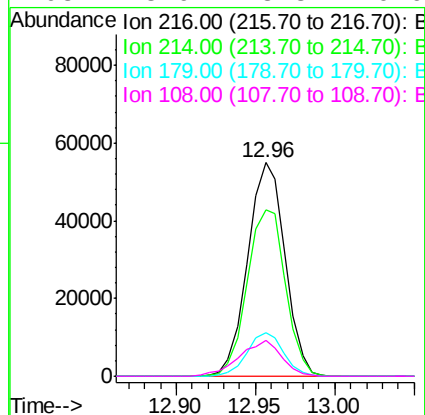
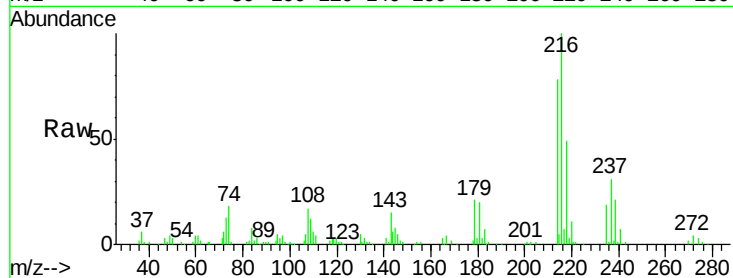
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.04 ng
 RT: 12.96 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87038BS

Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	80.1	62.5	93.7
179	20.1	15.6	23.4
108	18.9	13.3	19.9

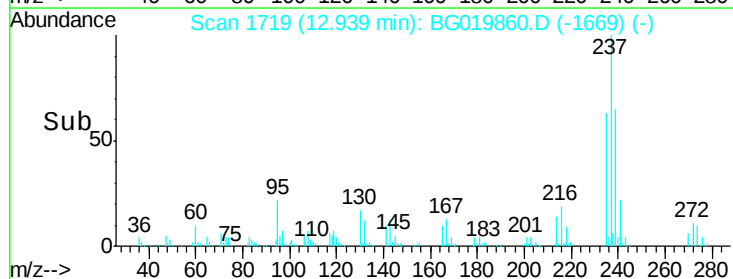
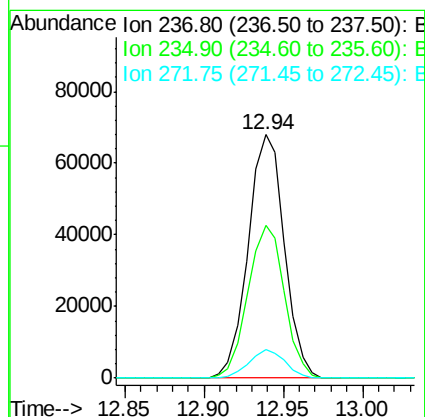
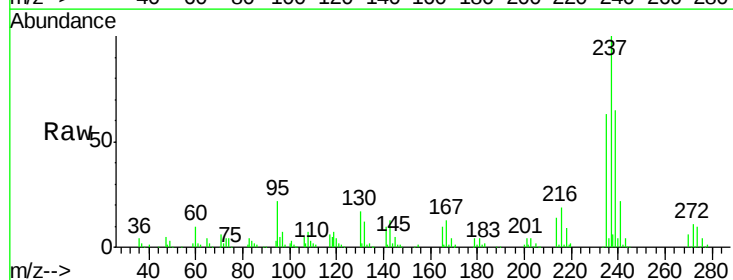
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#40
 Hexachlorocyclopentadiene
 Concen: 71.55 ng
 RT: 12.94 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.6	44.6	84.6
272	11.5	0.0	32.8





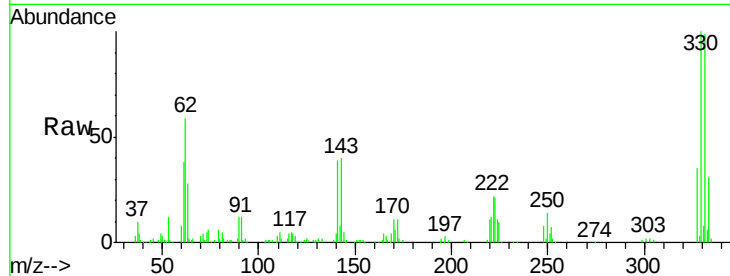
#41
 2,4,6-Tribromophenol
 Concen: 115.80 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87038BS

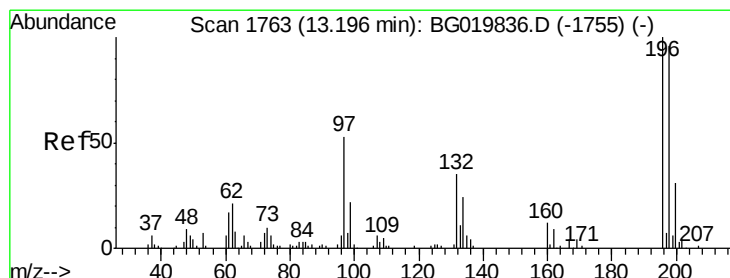
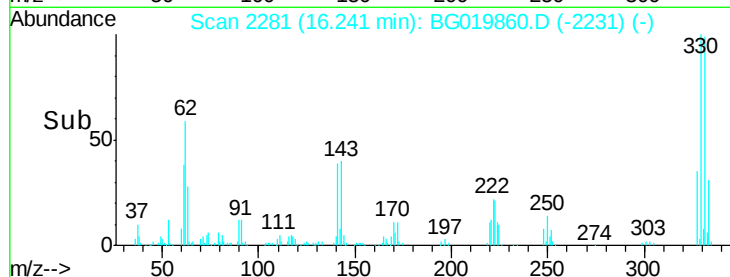
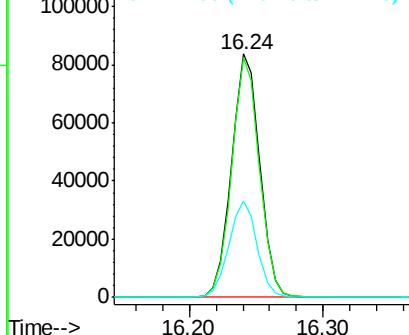
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	123246		
332	96.6	78.1	117.1	
141	39.6	28.2	42.2	

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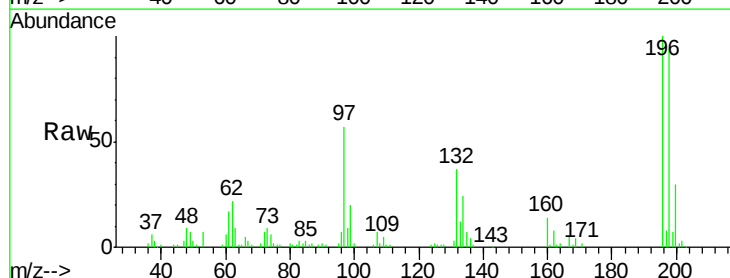


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

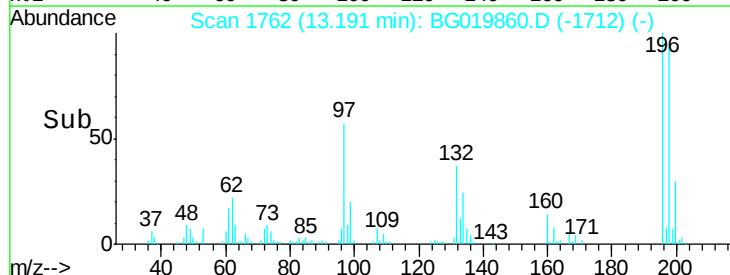
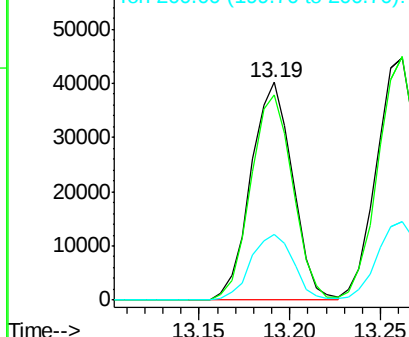


#42
 2,4,6-Trichlorophenol
 Concen: 36.79 ng
 RT: 13.19 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	64292		
198	94.2	74.7	112.1	
200	30.2	24.1	36.1	



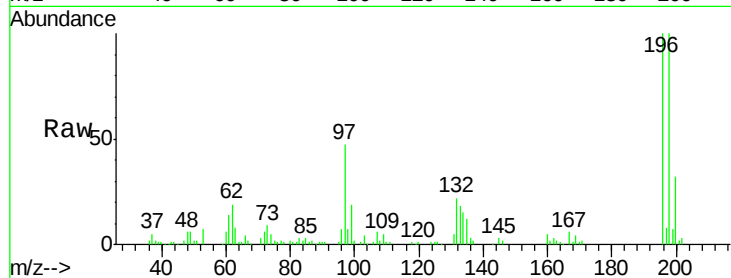
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 39.21 ng
 RT: 13.26 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

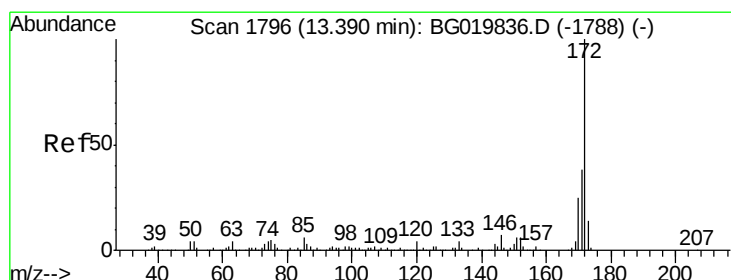
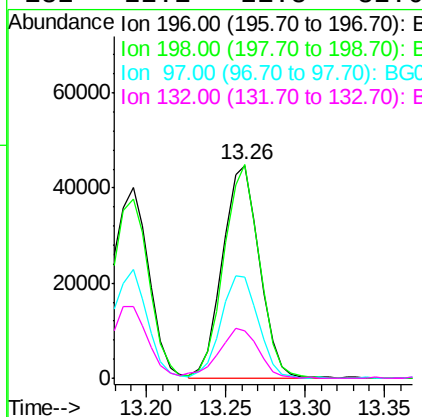
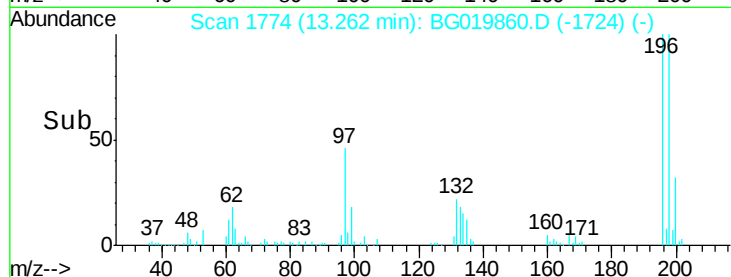
Instrument :
 BNA_G
 ClientSampleId :
 PB87038BS



Tgt Ion:	196	Resp:	72419
Ion Ratio	Lower	Upper	
196	100		
198	100.4	75.2	112.8
97	47.6	34.2	51.2
132	22.1	21.8	32.6

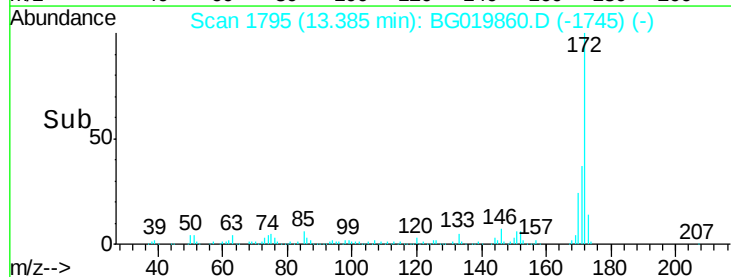
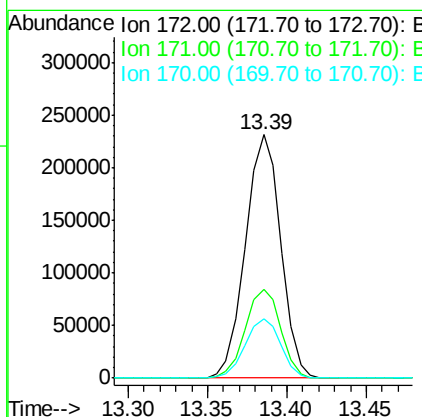
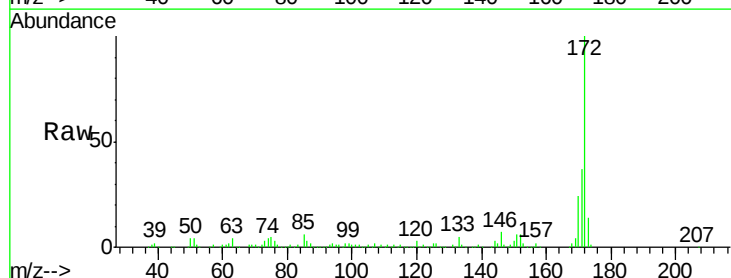
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#44
 2-Fluorobiphenyl
 Concen: 70.12 ng
 RT: 13.39 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Tgt Ion:	172	Resp:	357185
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.0	43.6
170	24.5	19.9	29.9





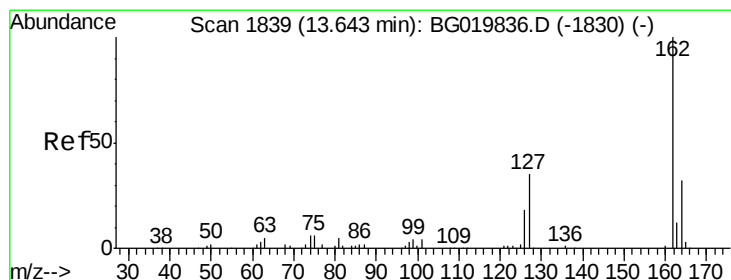
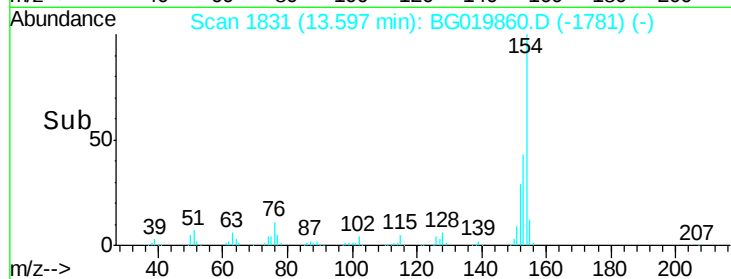
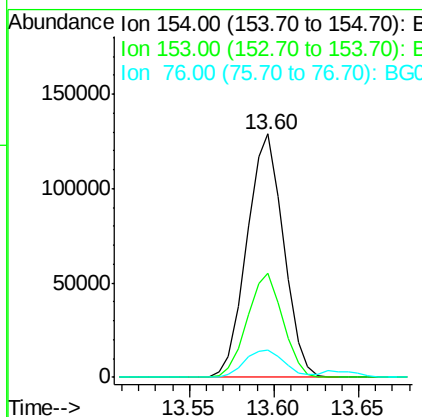
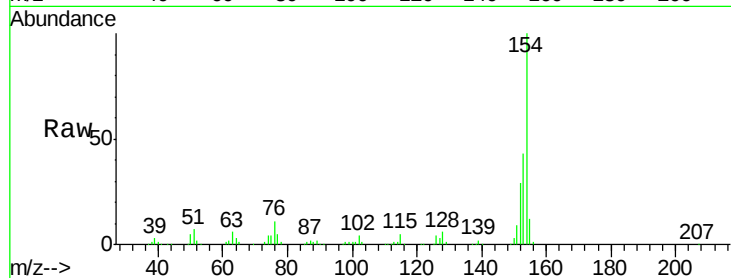
#45
1,1'-Biphenyl
Concen: 34.00 ng
RT: 13.60 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Instrument :
BNA_G
ClientSampleId :
PB87038BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	194088		
153	42.7	21.9	61.9	
76	11.3	0.0	33.2	

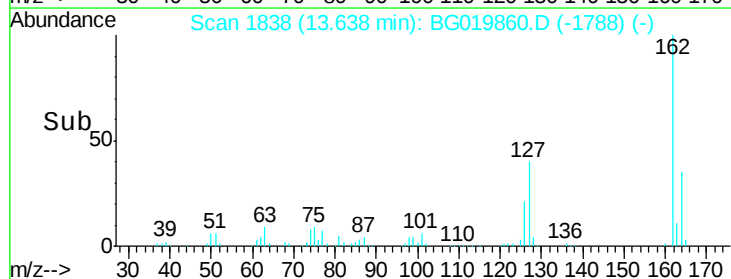
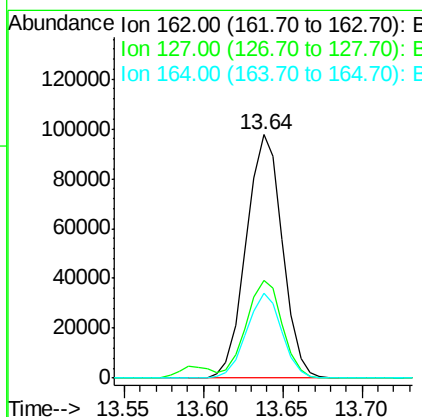
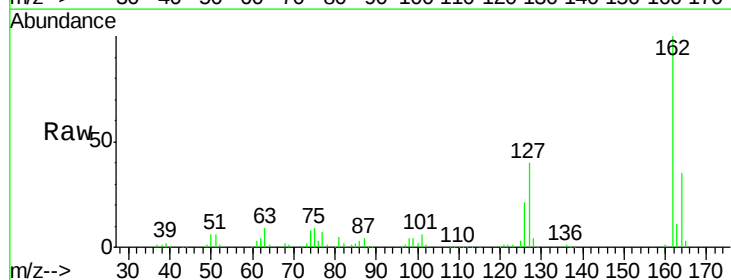
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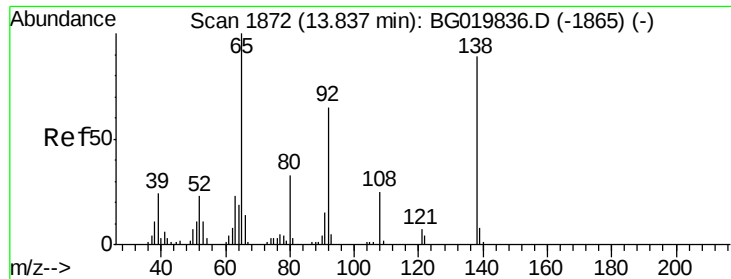
Mmdadoda
12/3/2015 7:14:16 PM



#46
2-Chloronaphthalene
Concen: 35.16 ng
RT: 13.64 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	154719		
127	39.9	28.3	42.5	
164	34.9	27.4	41.0	





#47

2-Nitroaniline

Concen: 42.25 ng

RT: 13.83 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG019860.D

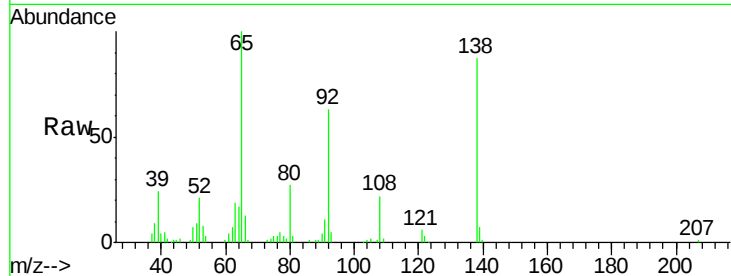
Acq: 3 Dec 2015 8:17

Instrument :

BNA_G

ClientSampleId :

PB87038BS



Tgt Ion: 65 Resp: 58708

Ion Ratio Lower Upper

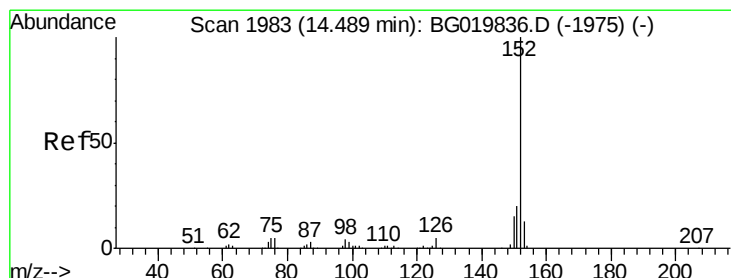
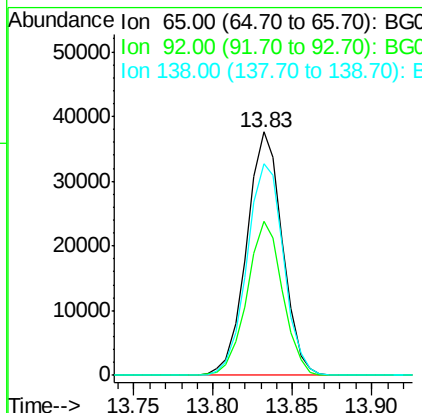
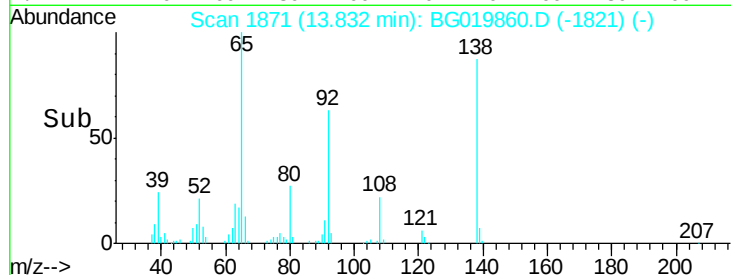
65 100

92 63.3 54.8 82.2

138 86.9 89.6 134.4#

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#48

Acenaphthylene

Concen: 36.14 ng

RT: 14.48 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG019860.D

Acq: 3 Dec 2015 8:17

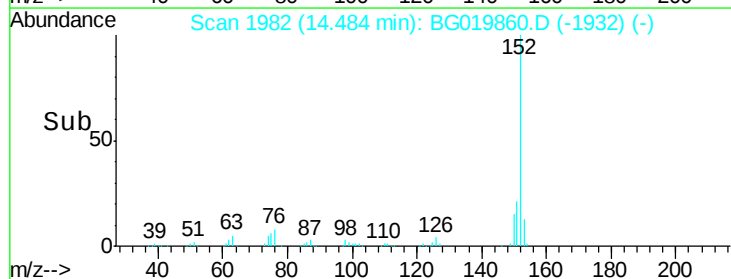
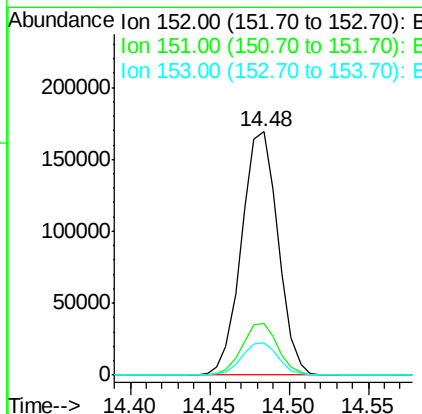
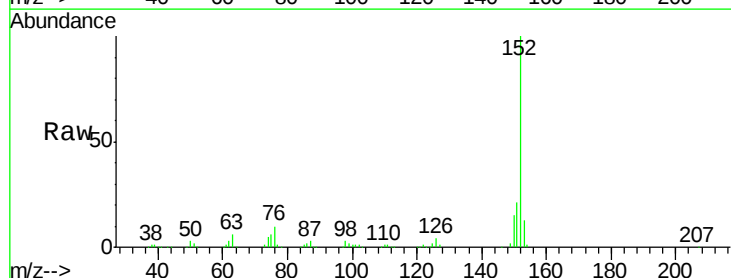
Tgt Ion: 152 Resp: 270881

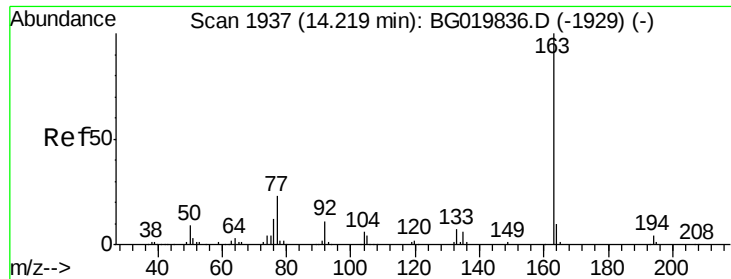
Ion Ratio Lower Upper

152 100

151 21.1 17.0 25.4

153 13.4 10.4 15.6





#49

Dimethylphthalate

Concen: 35.70 ng

RT: 14.21 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG019860.D

Acq: 3 Dec 2015 8:17

Instrument :

BNA_G

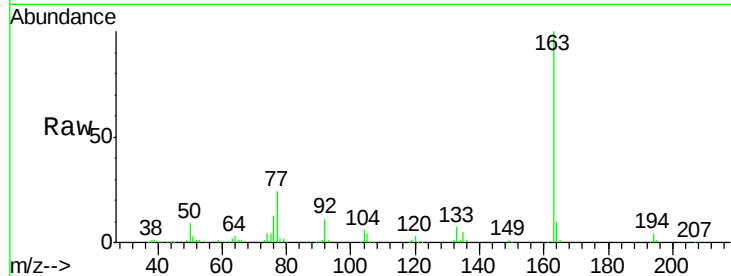
ClientSampleId :

PB87038BS

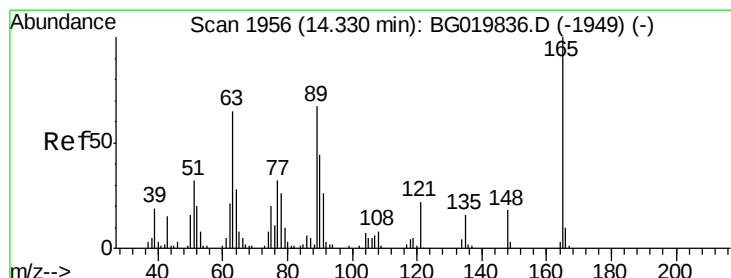
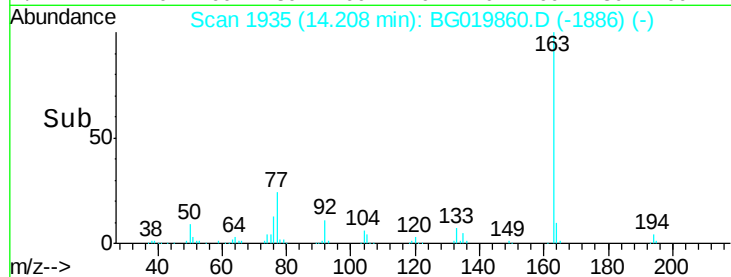
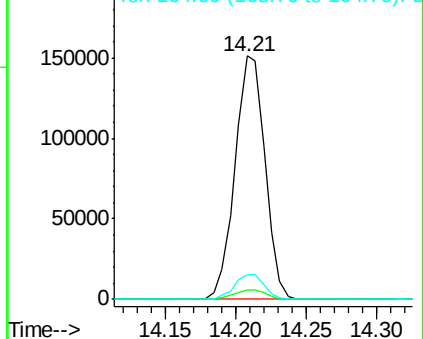
Tgt Ion:	163	Resp:	223353
Ion Ratio		Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.3	8.8	13.2

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



#50

2,6-Dinitrotoluene

Concen: 41.46 ng

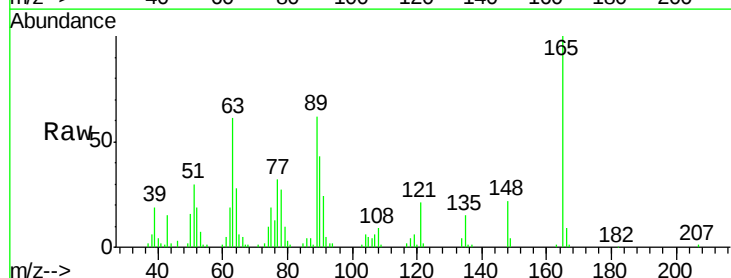
RT: 14.33 min Scan# 1955

Delta R.T. -0.01 min

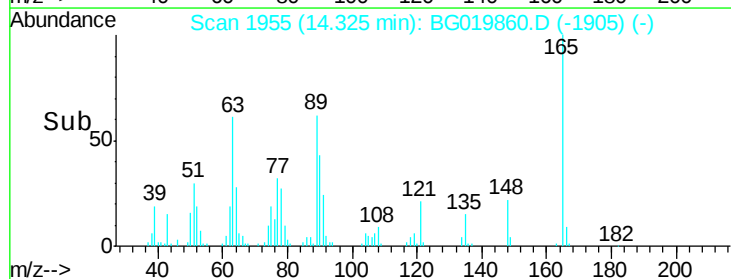
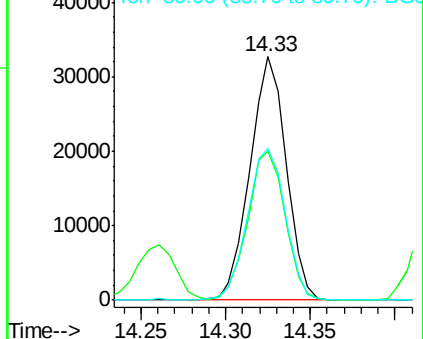
Lab File: BG019860.D

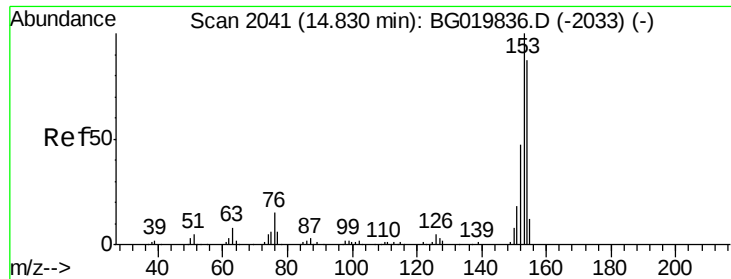
Acq: 3 Dec 2015 8:17

Tgt Ion:	165	Resp:	48778
Ion Ratio		Lower	Upper
165	100		
63	61.4	35.7	53.5#
89	62.3	39.7	59.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





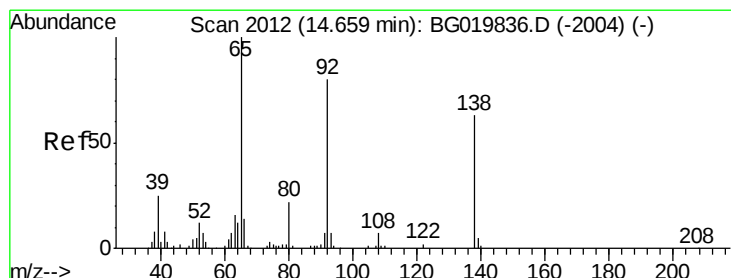
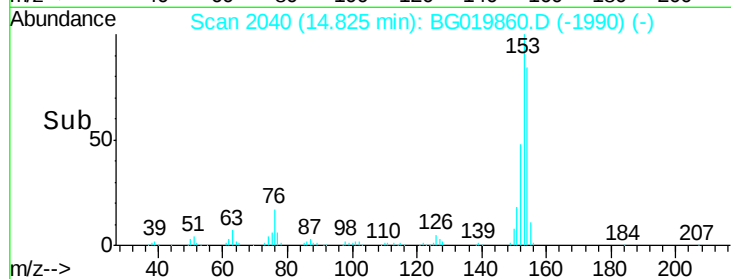
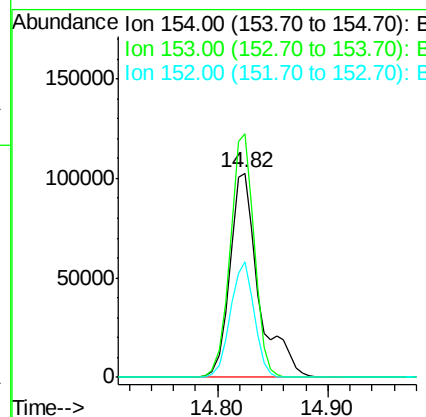
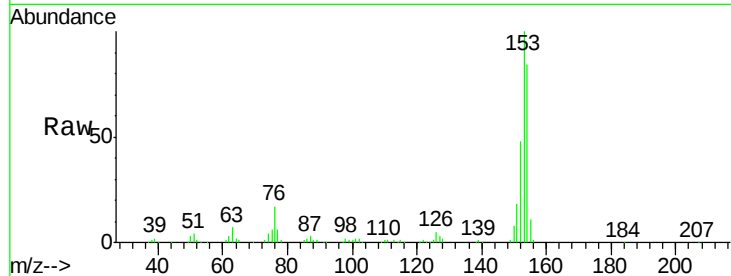
#51
Acenaphthene
Concen: 41.61 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Instrument :
BNA_G
ClientSampleId :
PB87038BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	189232		
153	119.2	92.9	139.3	
152	56.6	45.8	68.8	

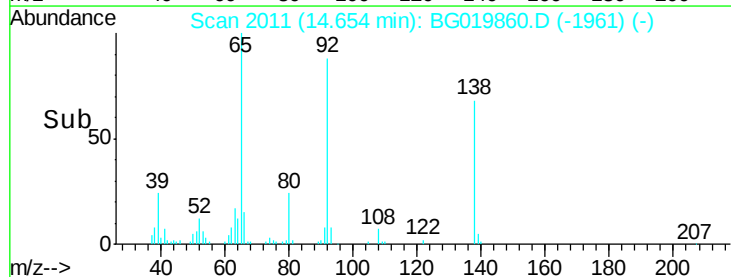
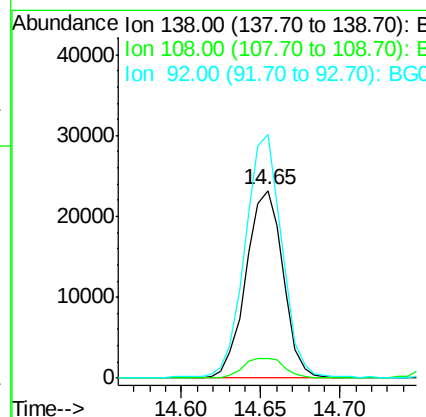
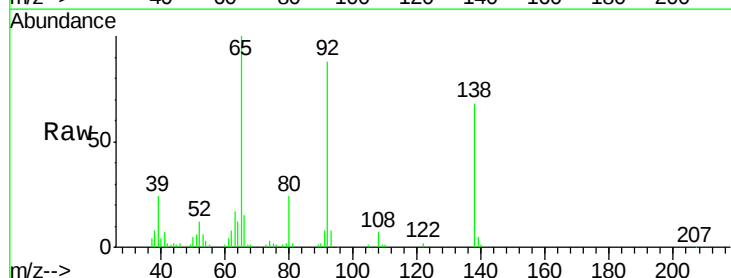
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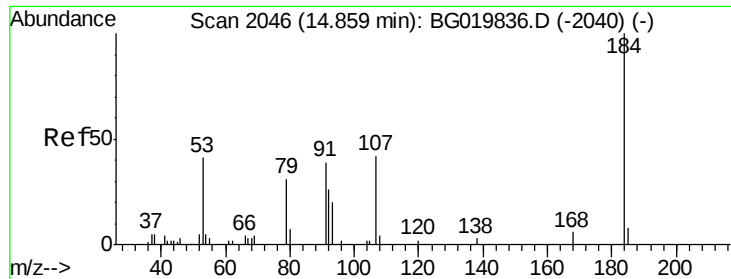
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#52
3-Nitroaniline
Concen: 30.76 ng
RT: 14.65 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	37588		
108	10.6	7.9	11.9	
92	129.9	94.2	141.4	





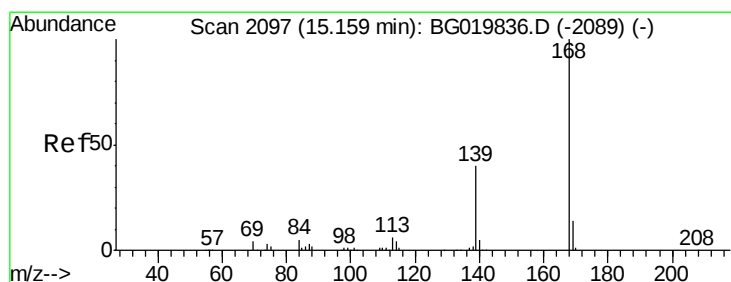
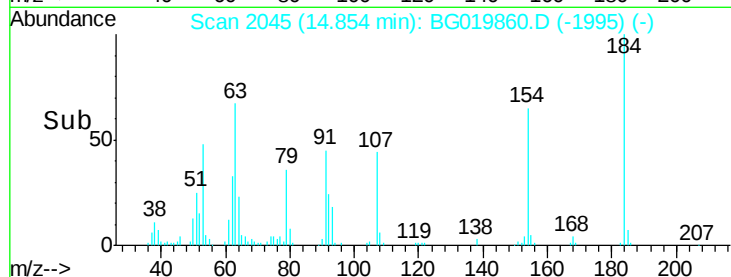
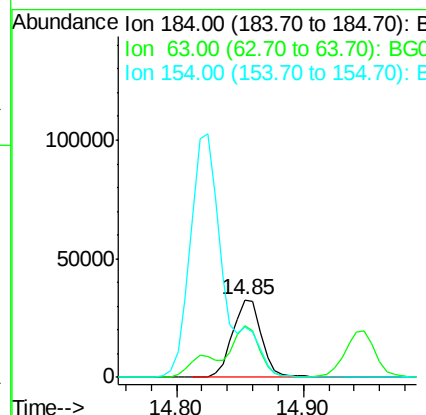
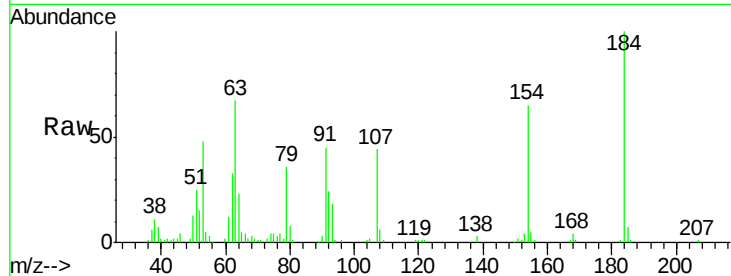
#53
 2,4-Dinitrophenol
 Concen: 82.24 ng
 RT: 14.85 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87038BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	51665		
63	67.3	42.7	64.1#	
154	64.6	44.3	66.5	

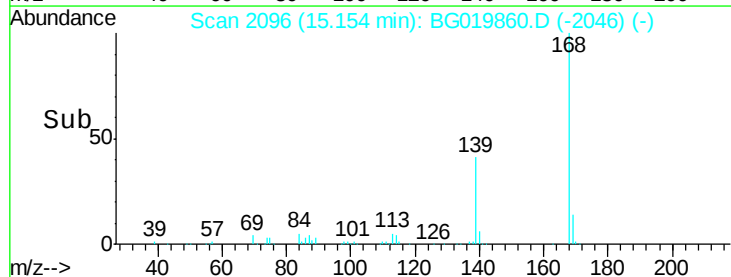
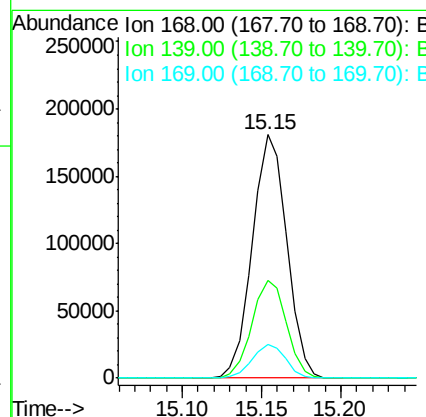
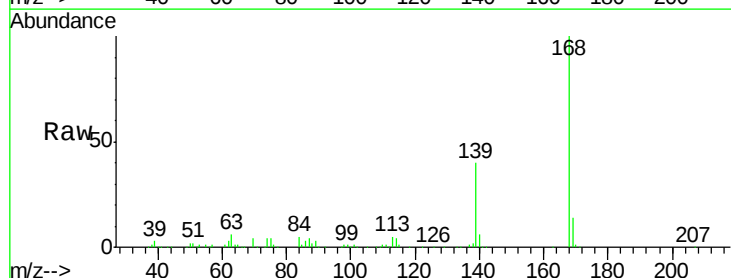
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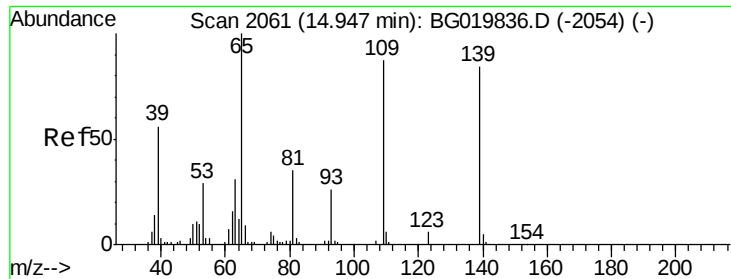
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#54
 Dibenzofuran
 Concen: 40.44 ng
 RT: 15.15 min Scan# 2096
 Delta R.T. -0.01 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	273621		
139	40.3	27.4	41.0	
169	13.8	11.0	16.4	





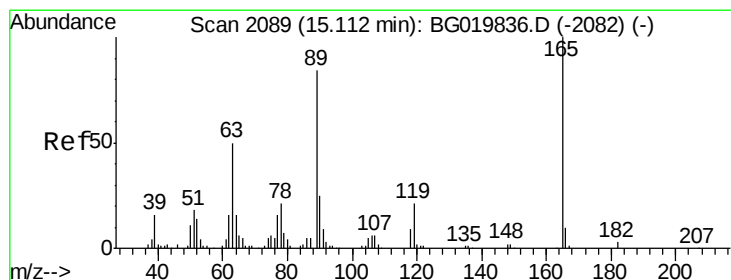
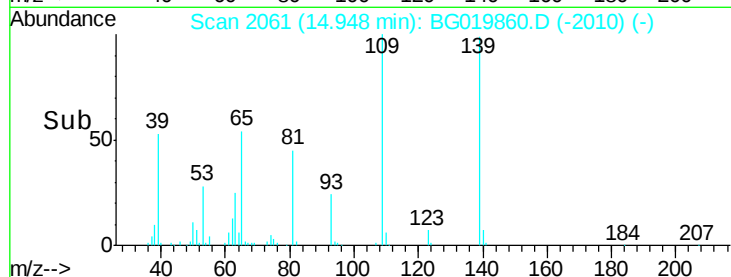
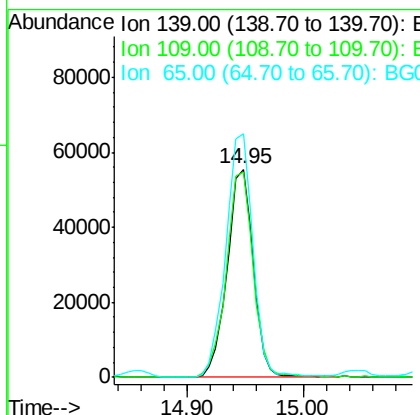
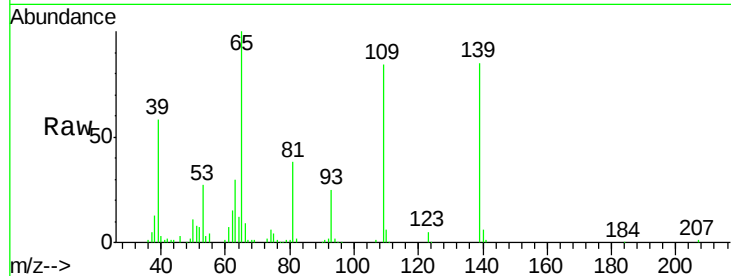
#55
4-Nitrophenol
Concen: 82.10 ng
RT: 14.95 min Scan# 2061
Delta R.T. 0.00 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Instrument :
BNA_G
ClientSampleId :
PB87038BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	87389		
109	98.9	43.2	83.2#	
65	117.1	67.8	107.8#	

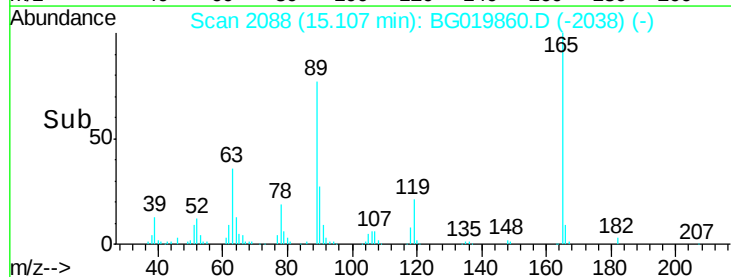
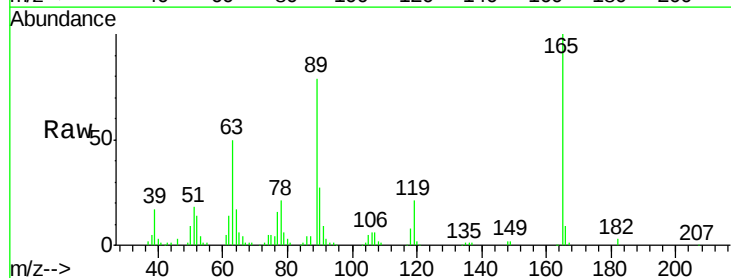
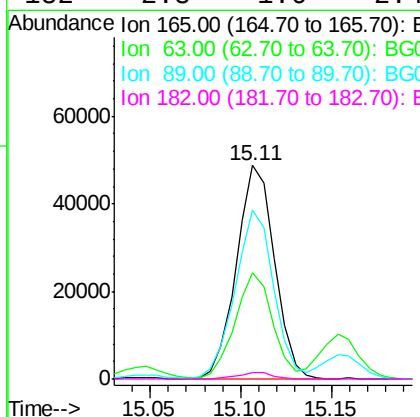
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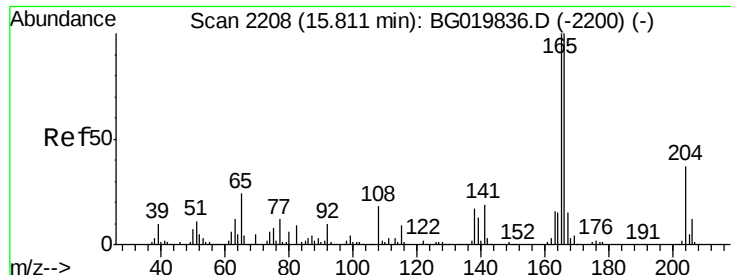
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#56
2,4-Dinitrotoluene
Concen: 43.36 ng
RT: 15.11 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	71164		
63	49.6	31.0	46.4#	
89	78.9	54.4	81.6	
182	2.8	1.6	2.4#	





#57

Fluorene

Concen: 37.64 ng

RT: 15.81 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BG019860.D

Acq: 3 Dec 2015 8:17

Instrument :

BNA_G

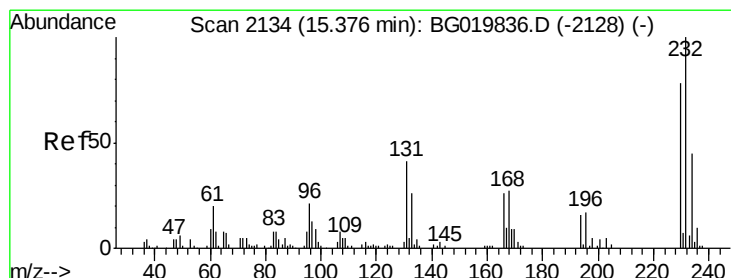
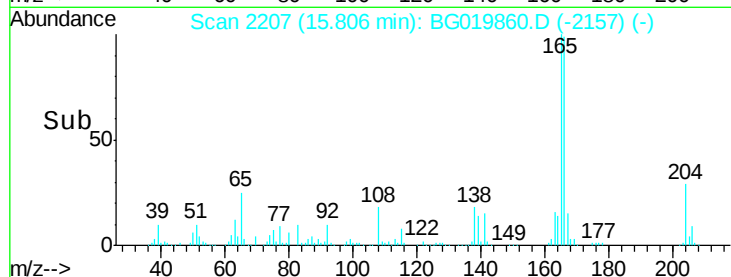
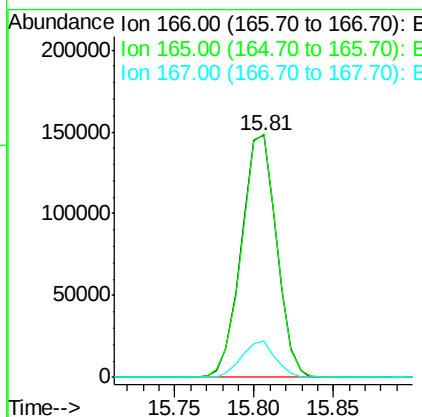
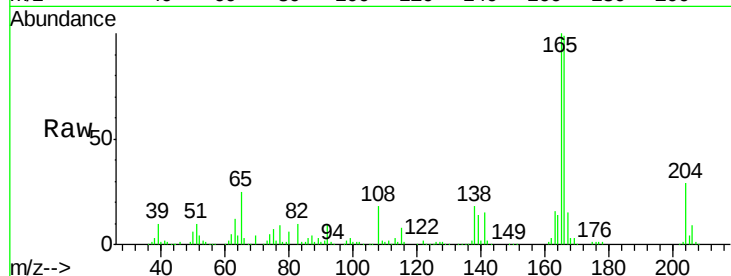
ClientSampleId :

PB87038BS

Tgt Ion:	166	Resp:	227904
Ion Ratio	Lower	Upper	
166	100		
165	100.7	80.0	120.0
167	14.8	11.1	16.7

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.08 ng

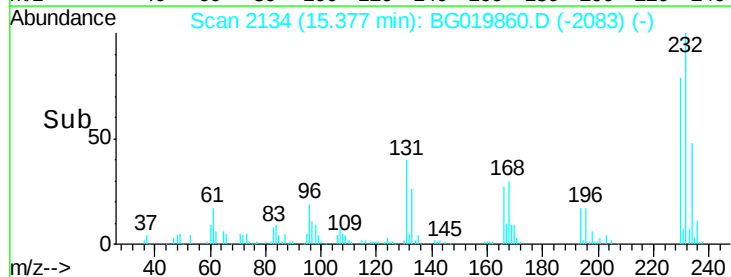
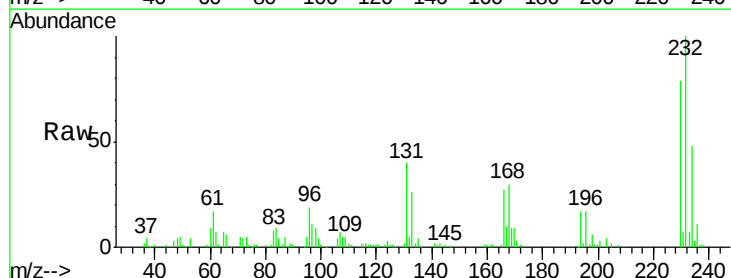
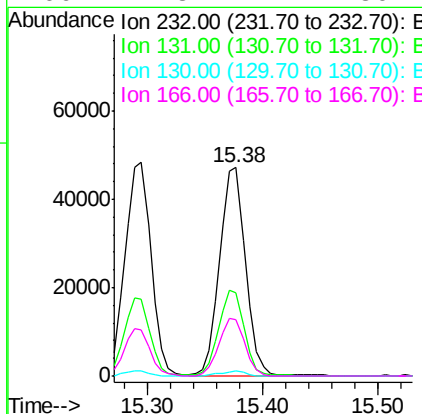
RT: 15.38 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BG019860.D

Acq: 3 Dec 2015 8:17

Tgt Ion:	232	Resp:	73633
Ion Ratio	Lower	Upper	
232	100		
131	40.7	33.0	49.6
130	2.2	2.0	3.0
166	27.3	24.1	36.1





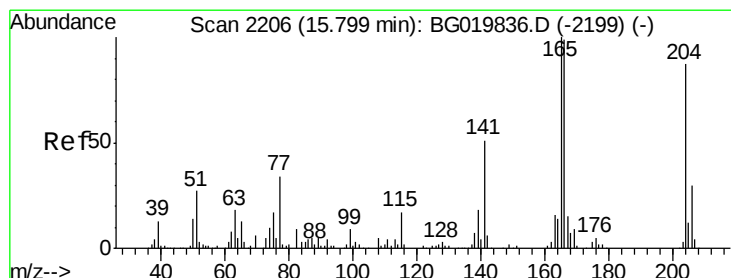
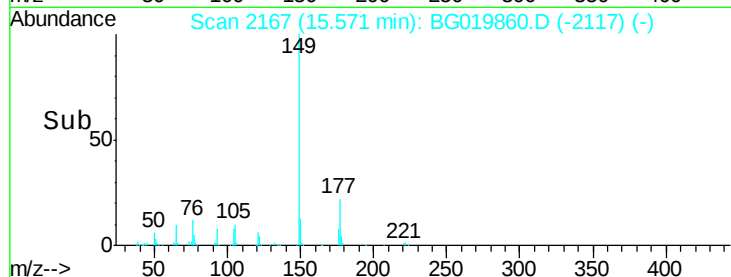
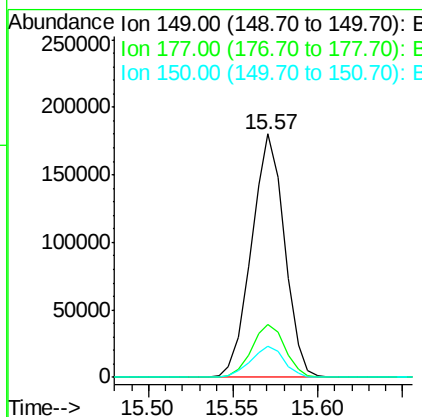
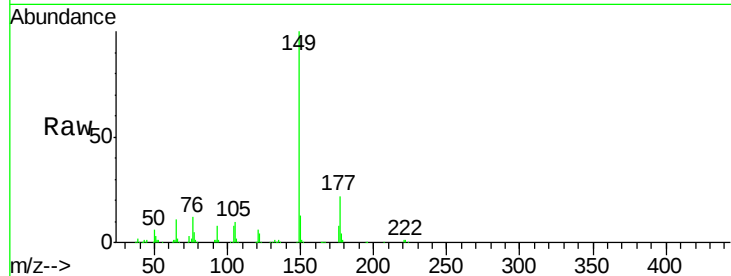
#59
Diethylphthalate
Concen: 36.17 ng
RT: 15.57 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Instrument :
BNA_G
ClientSampleId :
PB87038BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.7	19.6	29.4
150	12.8	10.2	15.2

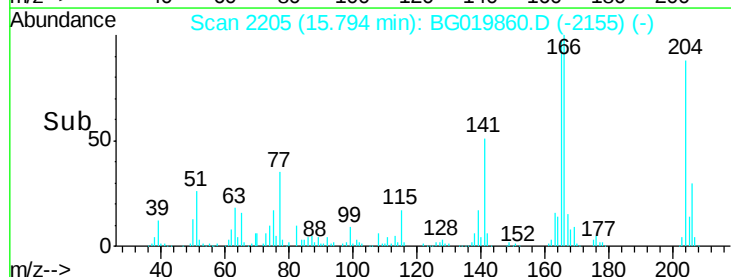
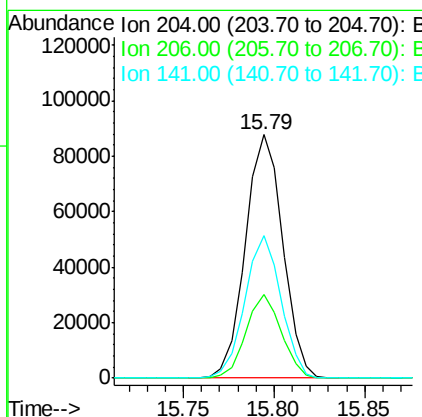
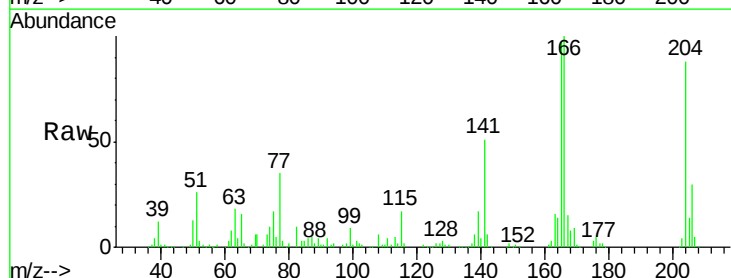
Manual Integrations
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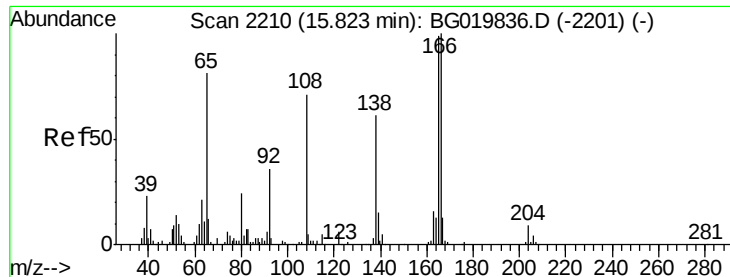
Mmdadoda
12/3/2015 7:14:16 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.03 ng
RT: 15.79 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	34.5	28.3	42.5
141	58.7	44.0	66.0





#61

4-Nitroaniline

Concen: 38.80 ng

RT: 15.82 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG019860.D

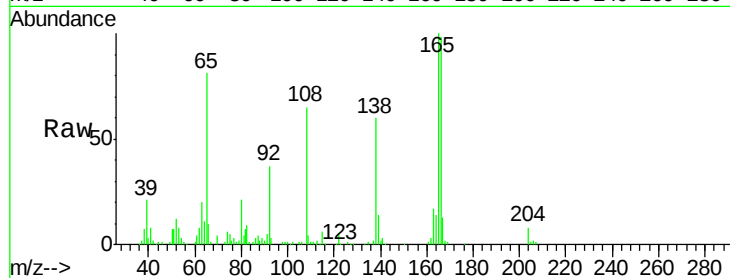
Acq: 3 Dec 2015 8:17

Instrument :

BNA_G

ClientSampleId :

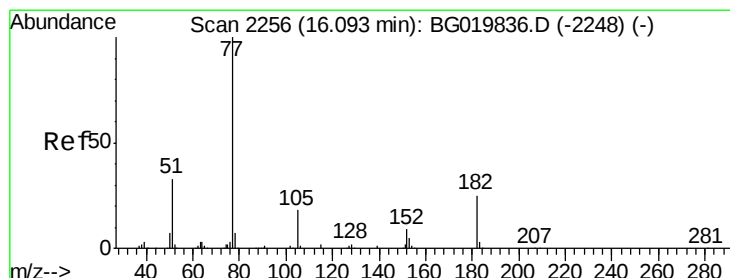
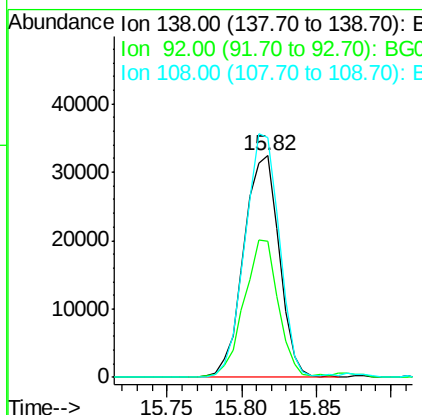
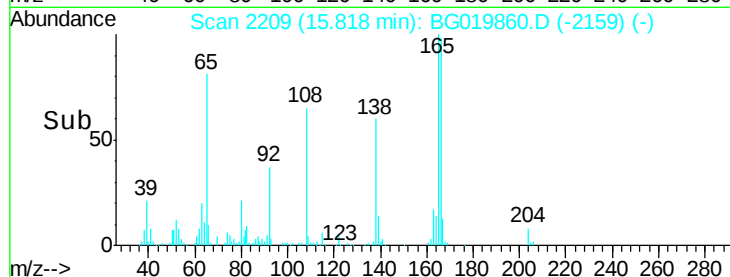
PB87038BS



Tgt Ion:	138	Resp:	53337
Ion Ratio	Lower	Upper	
138	100		
92	61.3	29.1	69.1
108	108.6	49.8	89.8#

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12/3/2015 7:14:16 PM



#62

Azobenzene

Concen: 41.63 ng

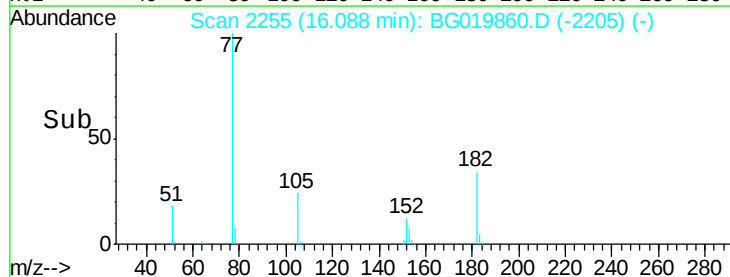
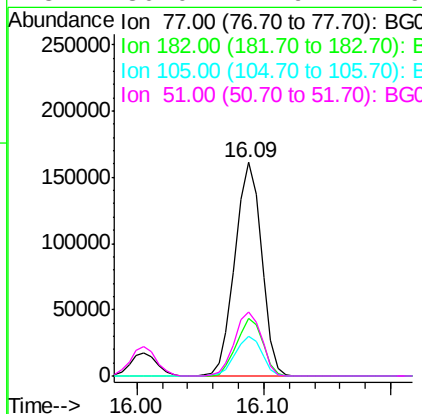
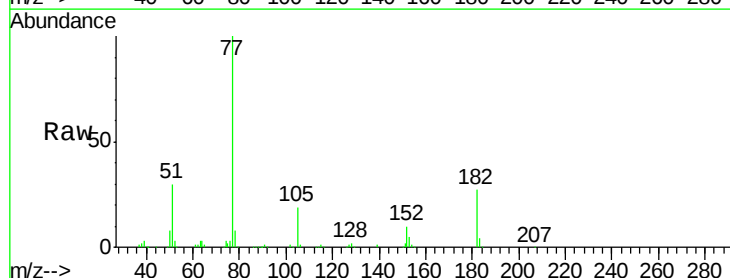
RT: 16.09 min Scan# 2255

Delta R.T. -0.01 min

Lab File: BG019860.D

Acq: 3 Dec 2015 8:17

Tgt Ion:	77	Resp:	234550
Ion Ratio	Lower	Upper	
77	100		
182	26.9	7.0	47.0
105	18.9	1.4	41.4
51	30.0	4.9	44.9





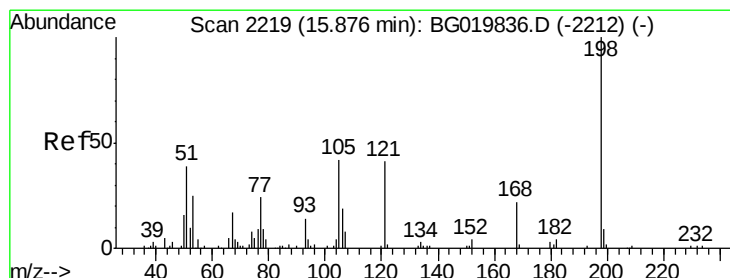
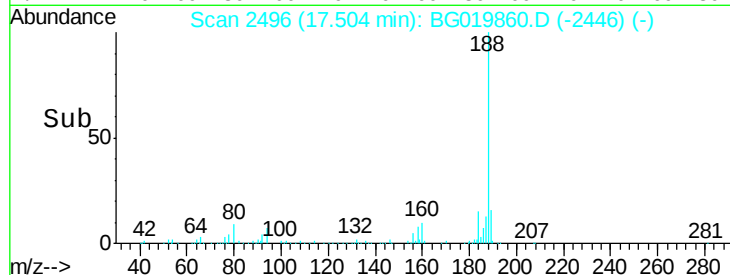
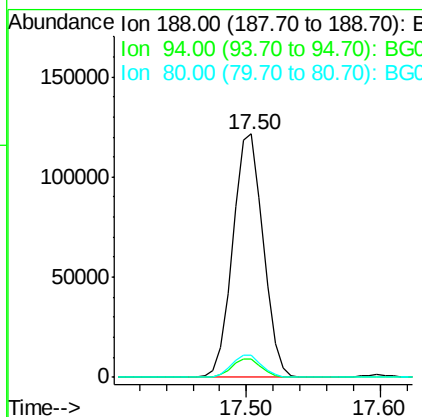
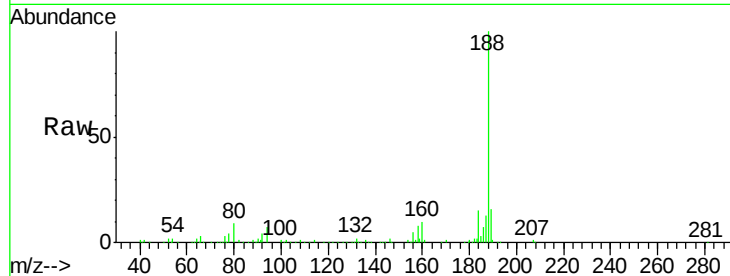
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Instrument :
BNA_G
ClientSampleId :
PB87038BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	191737		
94	7.4	7.7	11.5#	
80	8.9	7.8	11.8	

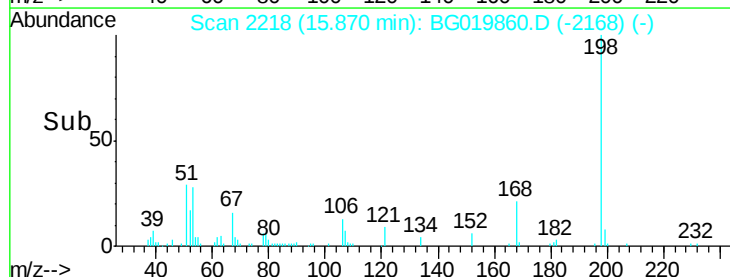
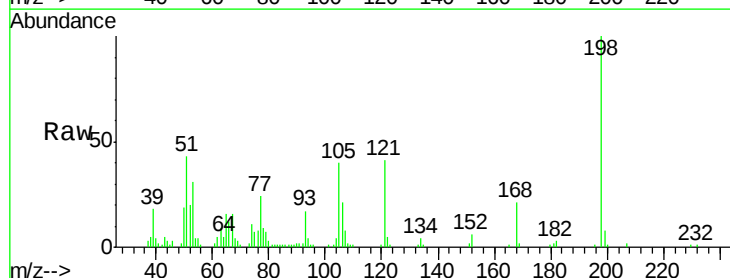
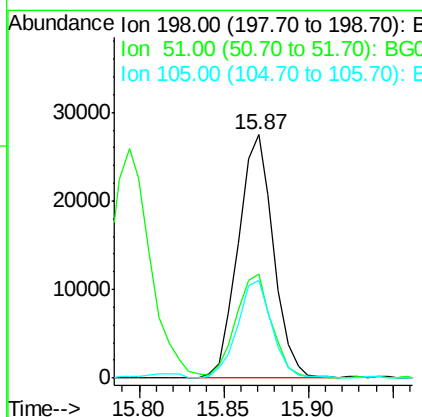
Manual Integrations
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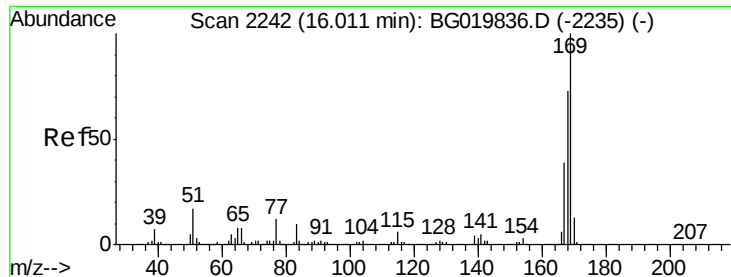
Mmdadoda
12/3/2015 7:14:16 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 38.52 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	39998		
51	42.7	14.2	54.2	
105	40.3	21.1	61.1	





#65

n-Nitrosodiphenylamine

Concen: 38.26 ng

RT: 16.01 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BG019860.D

Acq: 3 Dec 2015 8:17

Instrument :

BNA_G

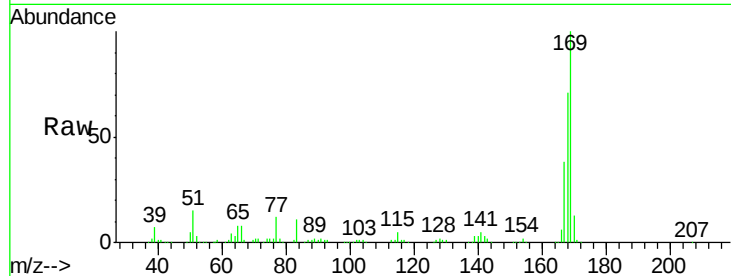
ClientSampleId :

PB87038BS

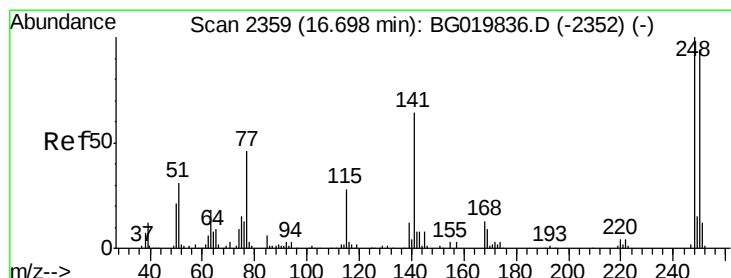
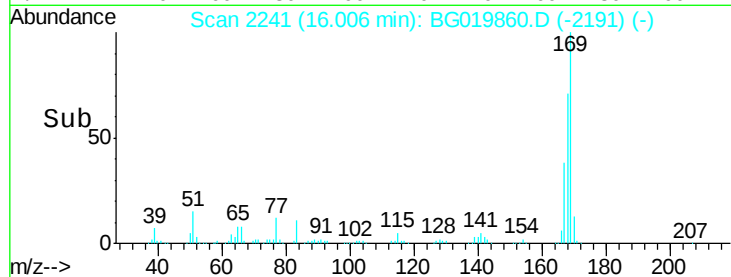
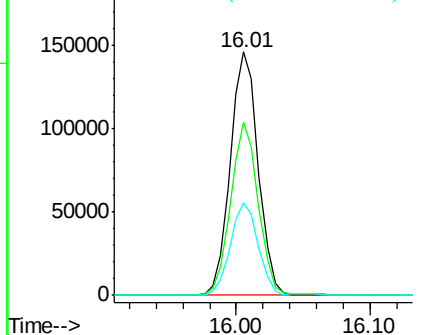
Tgt Ion:	169	Resp:	212293
Ion Ratio	Lower	Upper	
169	100		
168	71.4	58.2	87.2
167	37.8	32.7	49.1

Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.84 ng

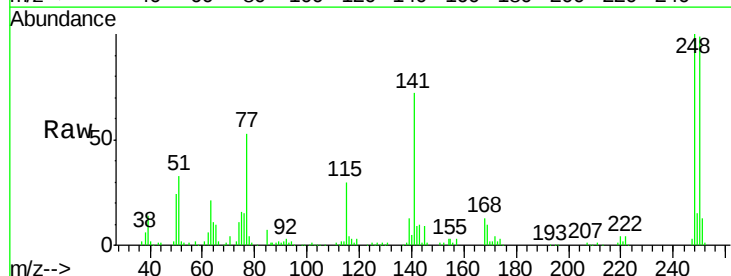
RT: 16.69 min Scan# 2357

Delta R.T. -0.01 min

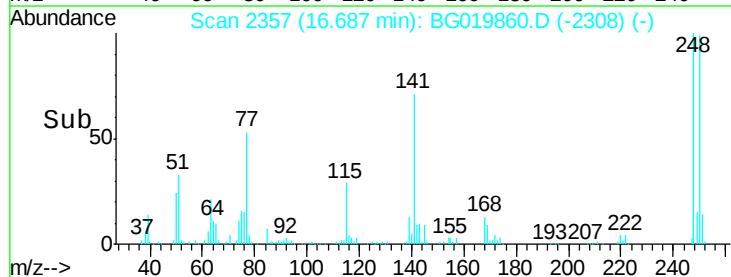
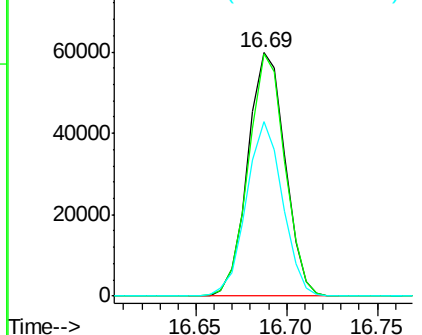
Lab File: BG019860.D

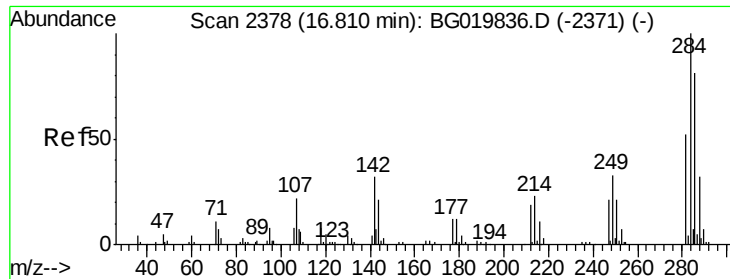
Acq: 3 Dec 2015 8:17

Tgt Ion:	248	Resp:	85382
Ion Ratio	Lower	Upper	
248	100		
250	99.4	77.8	116.8
141	71.8	50.4	75.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.41 ng

RT: 16.80 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BG019860.D

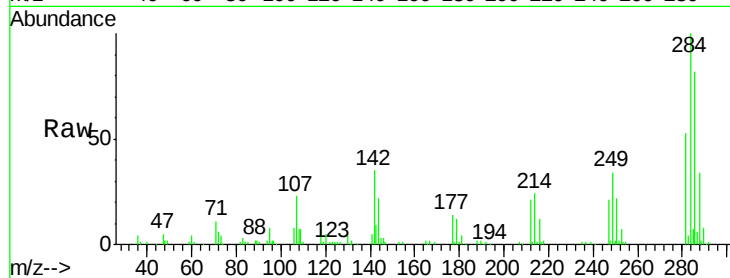
Acq: 3 Dec 2015 8:17

Instrument :

BNA_G

ClientSampleId :

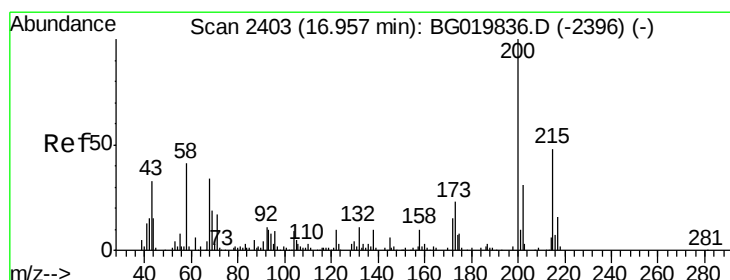
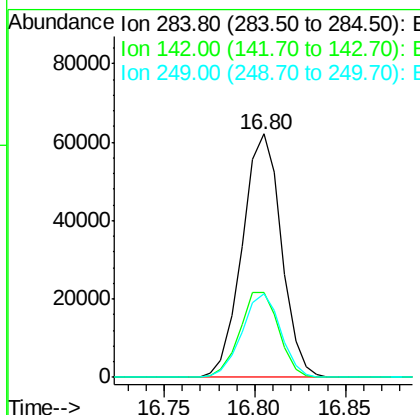
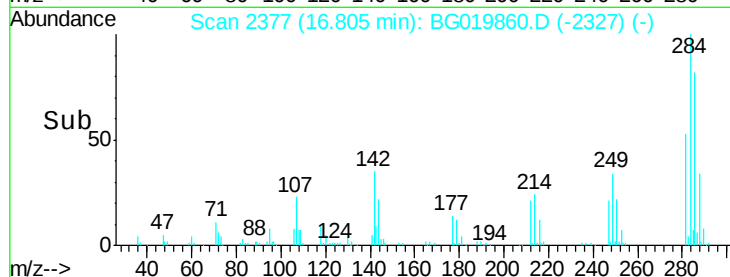
PB87038BS



Tgt Ion	Ratio	Resp	Lower	Upper
284	100	92857		
142	34.7	26.6	39.8	
249	34.2	26.2	39.2	

Manual Integrations
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#68

Atrazine

Concen: 38.96 ng

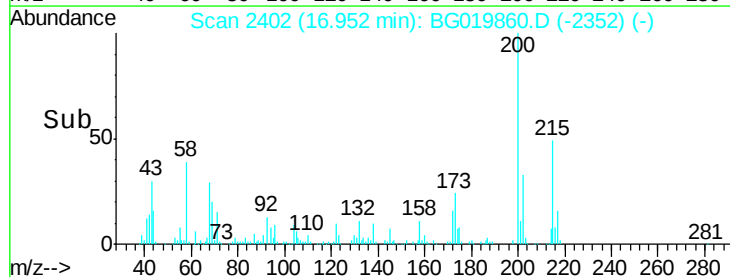
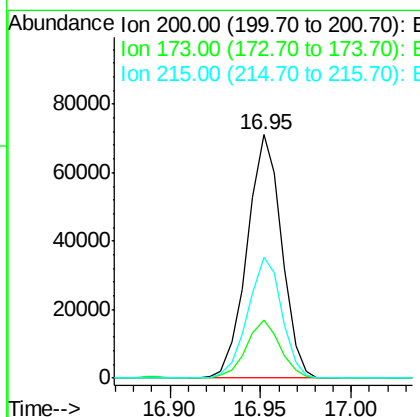
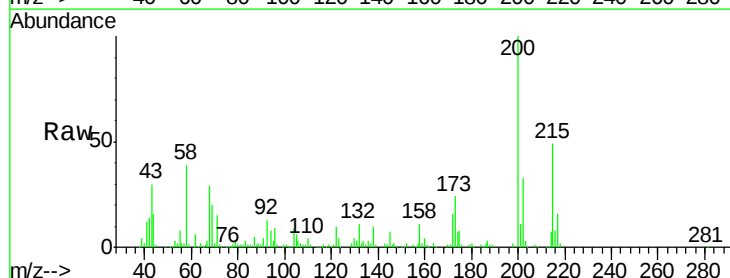
RT: 16.95 min Scan# 2402

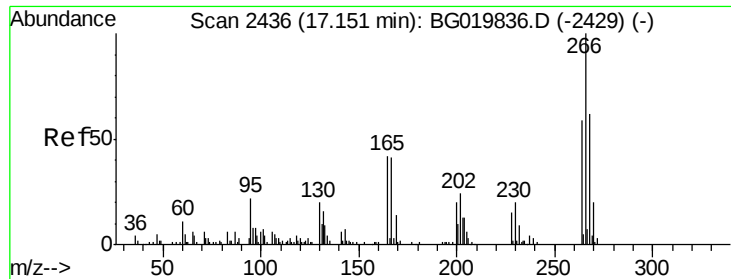
Delta R.T. -0.01 min

Lab File: BG019860.D

Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	93925		
173	23.6	5.2	45.2	
215	49.5	27.0	67.0	





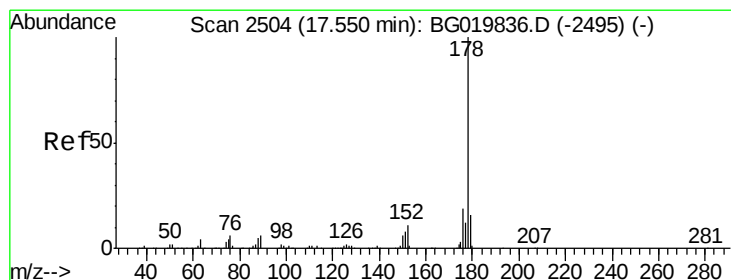
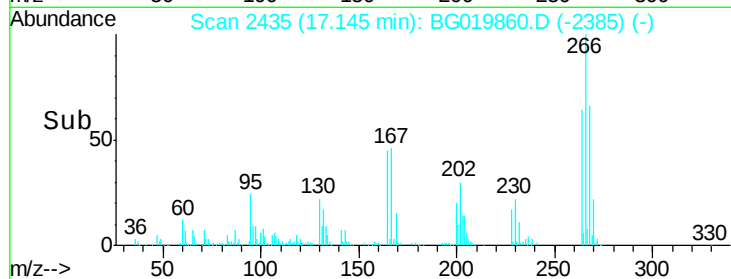
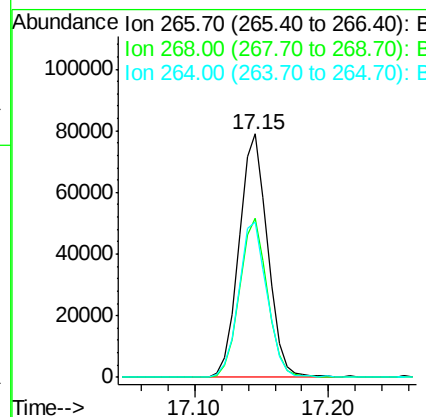
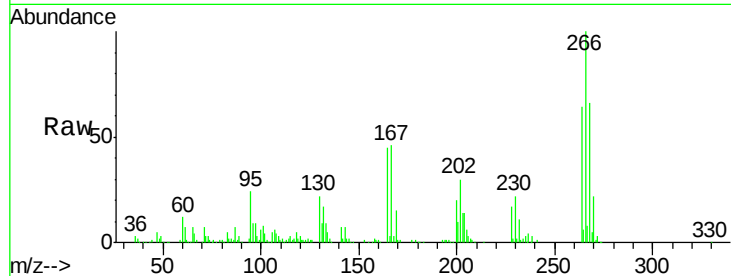
#69
 Pentachlorophenol
 Concen: 80.69 ng
 RT: 17.15 min Scan# 2435
 Delta R.T. -0.00 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87038BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	116888		
268	65.6	47.6	71.4	
264	63.8	48.1	72.1	

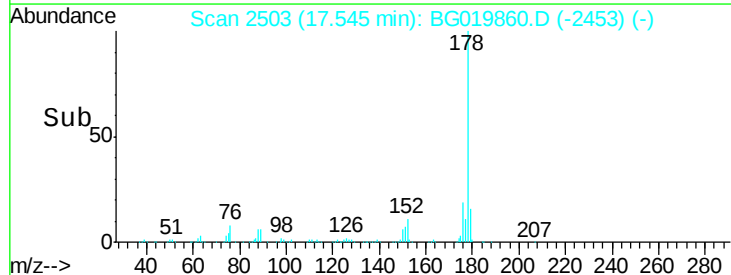
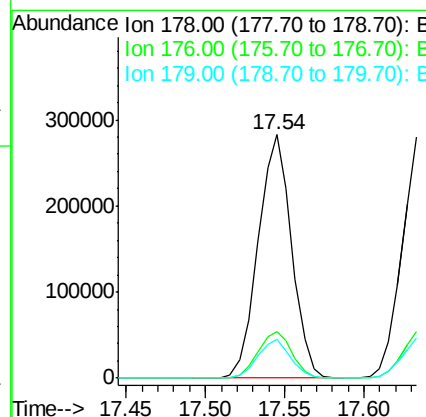
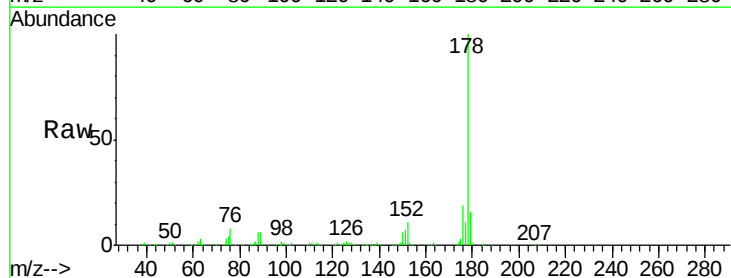
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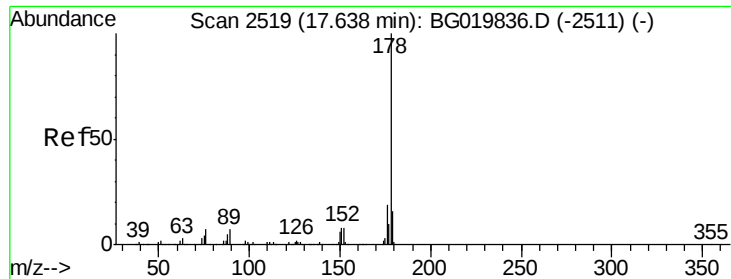
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 12/3/2015 7:14:16 PM



#70
 Phenanthrene
 Concen: 38.09 ng
 RT: 17.54 min Scan# 2503
 Delta R.T. -0.01 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	413186		
176	19.1	16.7	25.1	
179	15.8	13.9	20.9	





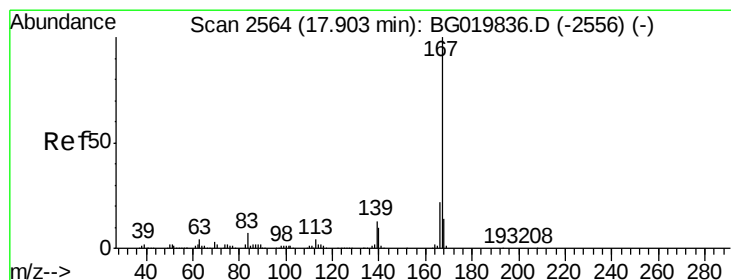
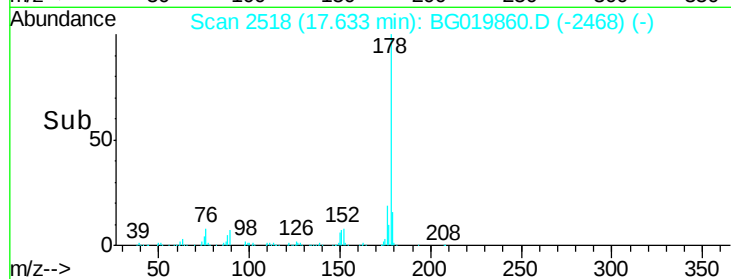
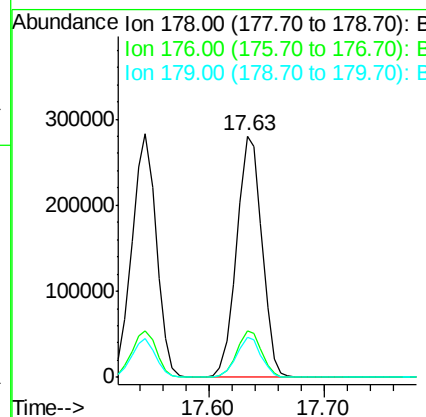
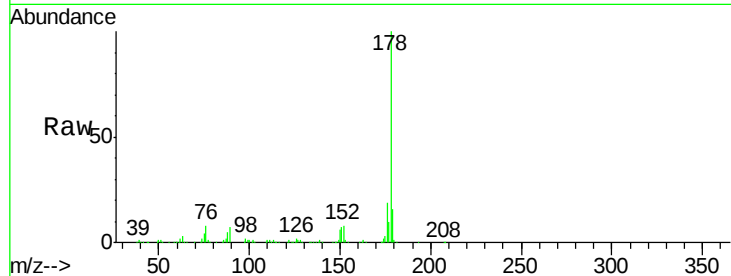
#71
 Anthracene
 Concen: 38.45 ng
 RT: 17.63 min Scan# 2518
 Delta R.T. -0.01 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87038BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.8	25.2
179	16.4	13.9	20.9

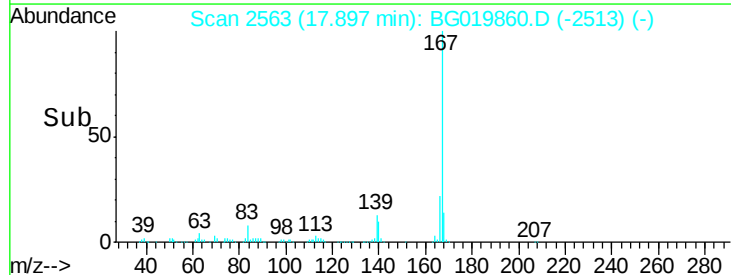
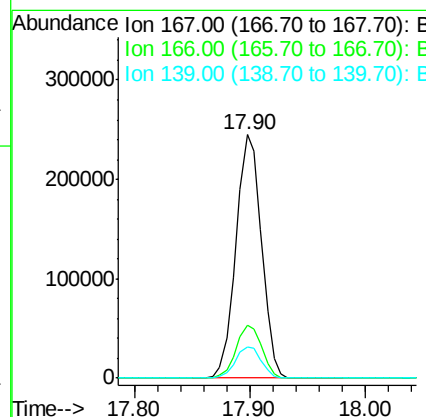
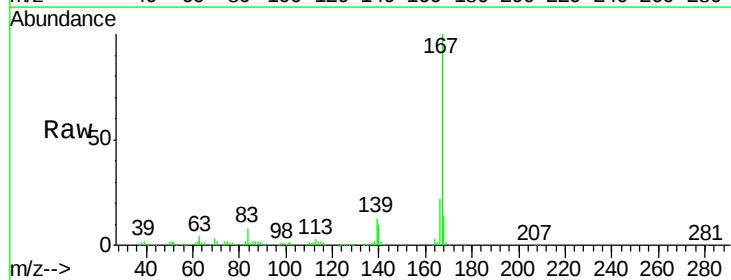
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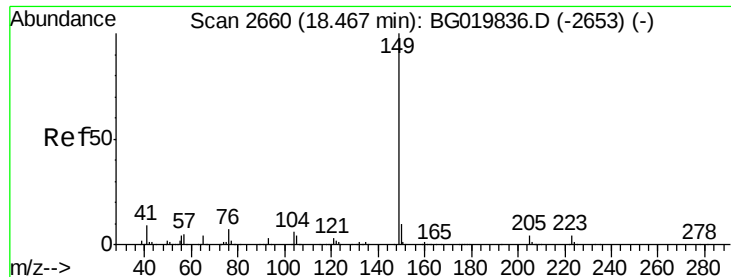
Mmdadoda
 12/3/2015 7:14:16 PM



#72
 Carbazole
 Concen: 38.53 ng
 RT: 17.90 min Scan# 2563
 Delta R.T. -0.01 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	19.0	28.6
139	12.9	10.2	15.4





#73

Di-n-butylphthalate

Concen: 37.43 ng

RT: 18.46 min Scan# 2659

Delta R.T. -0.01 min

Lab File: BG019860.D

Acq: 3 Dec 2015 8:17

Instrument :

BNA_G

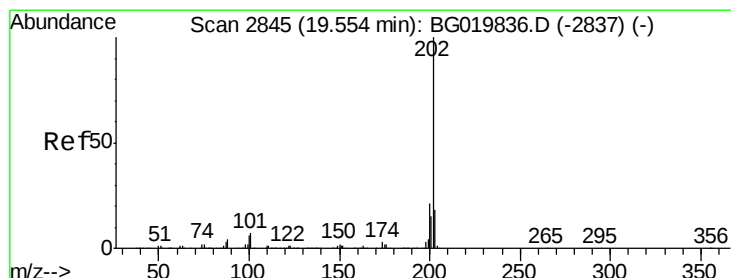
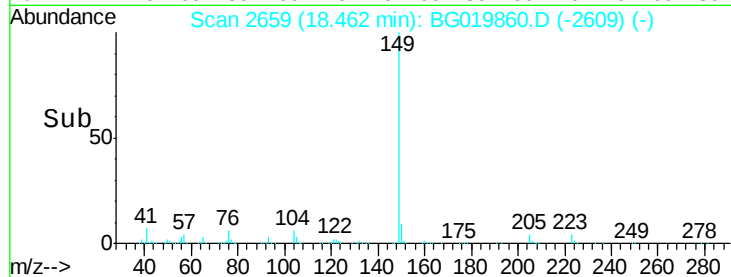
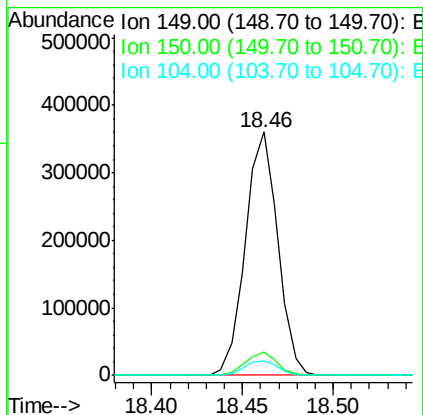
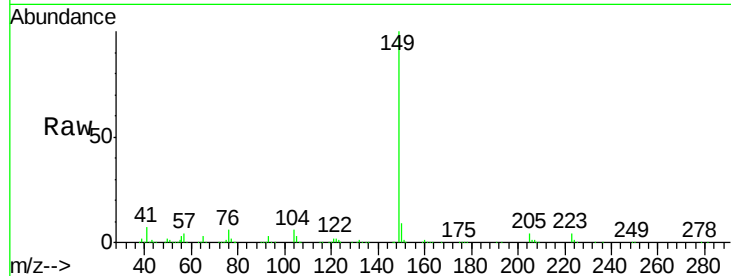
ClientSampleId :

PB87038BS

Tgt Ion:	149	Resp:	446526
Ion Ratio		Lower	Upper
149	100		
150	9.4	8.2	12.4
104	6.1	4.4	6.6

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#74

Fluoranthene

Concen: 38.28 ng

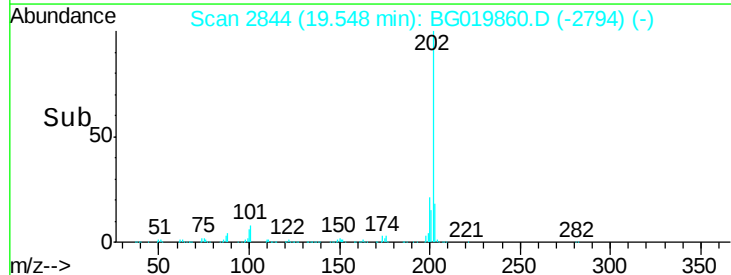
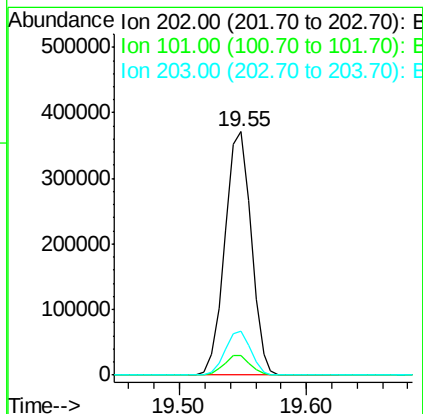
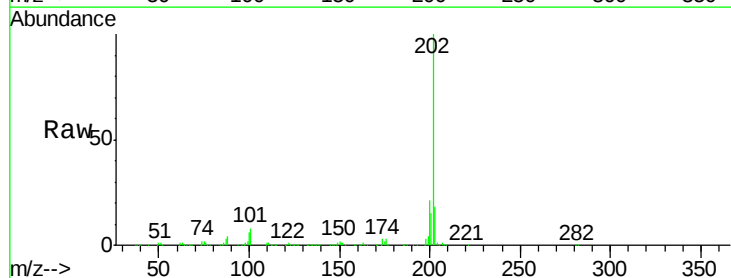
RT: 19.55 min Scan# 2844

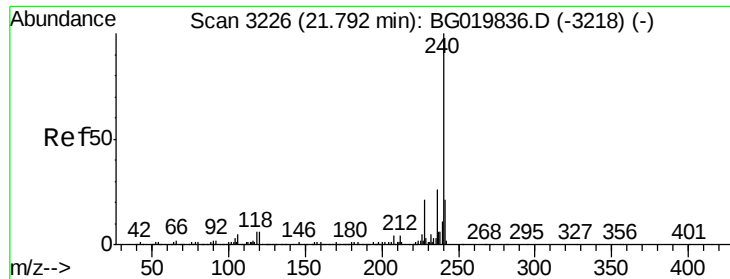
Delta R.T. -0.01 min

Lab File: BG019860.D

Acq: 3 Dec 2015 8:17

Tgt Ion:	202	Resp:	531097
Ion Ratio		Lower	Upper
202	100		
101	7.8	0.0	32.4
203	18.0	0.0	39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3225

Delta R.T. -0.01 min

Lab File: BG019860.D

Acq: 3 Dec 2015 8:17

Instrument :

BNA_G

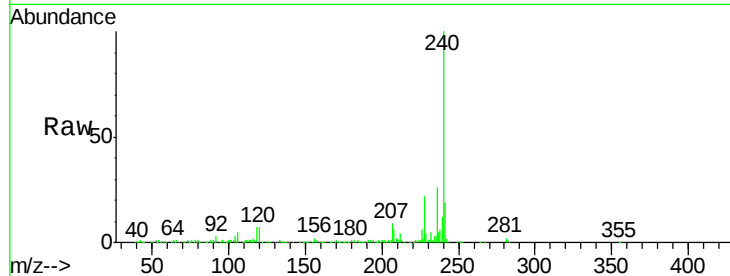
ClientSampleId :

PB87038BS

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		235217		
120	6.7	7.4	11.0#		
236	25.9	20.7	31.1		

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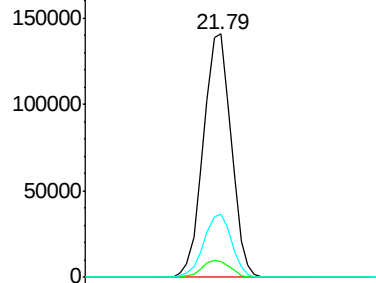
Mmdadoda
12/3/2015 7:14:16 PM



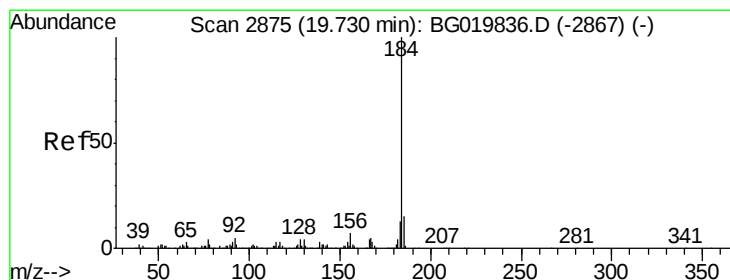
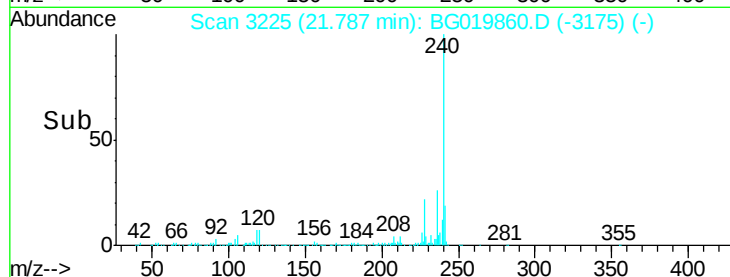
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 23.21 ng

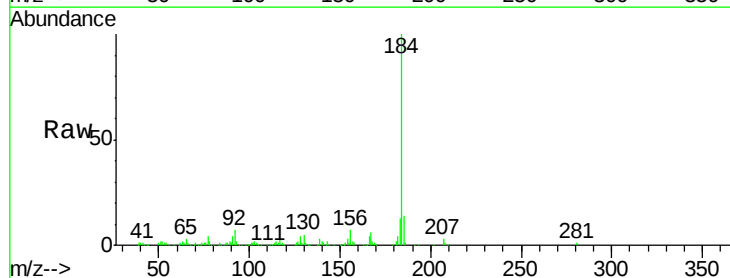
RT: 19.72 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BG019860.D

Acq: 3 Dec 2015 8:17

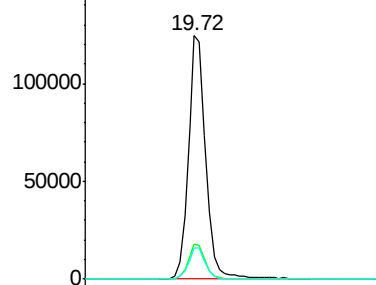
Tgt	Ion	Ratio	Resp	Lower	Upper
184	100		179333		
185	14.4	13.4	20.2		
183	12.7	10.1	15.1		



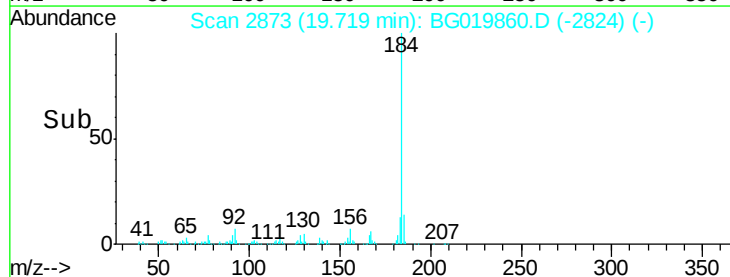
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





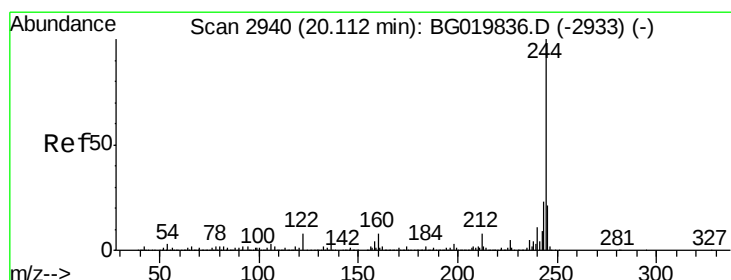
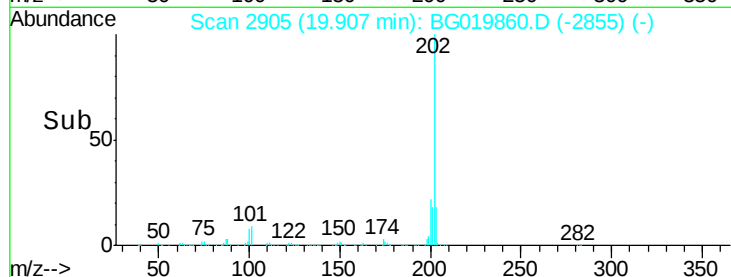
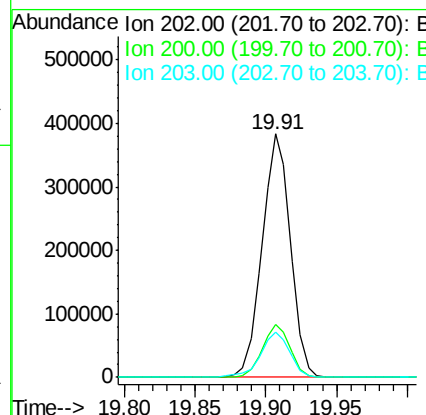
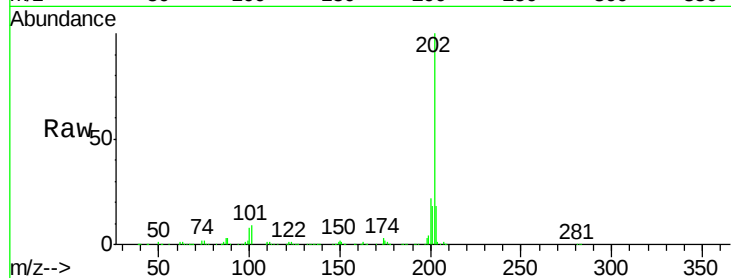
#77
 Pyrene
 Concen: 39.01 ng
 RT: 19.91 min Scan# 2905
 Delta R.T. -0.01 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87038BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.6	19.4	29.0
203	18.3	15.5	23.3

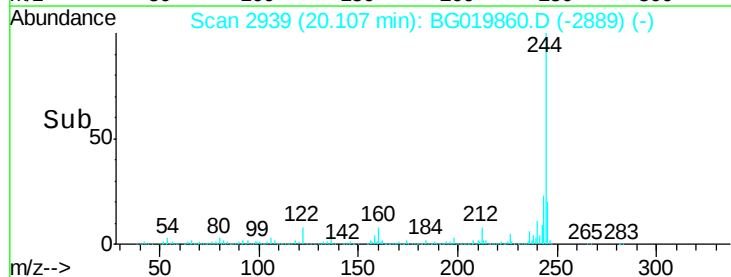
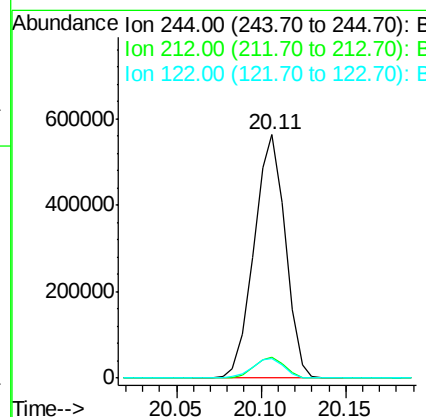
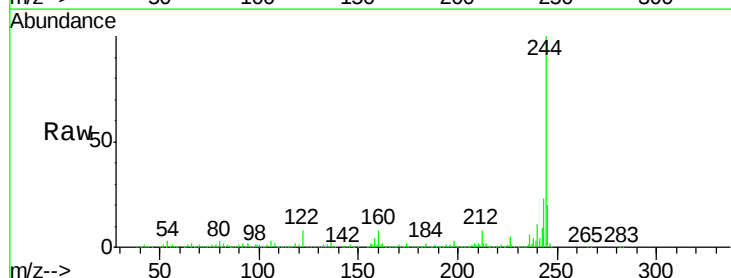
Manual Integrations
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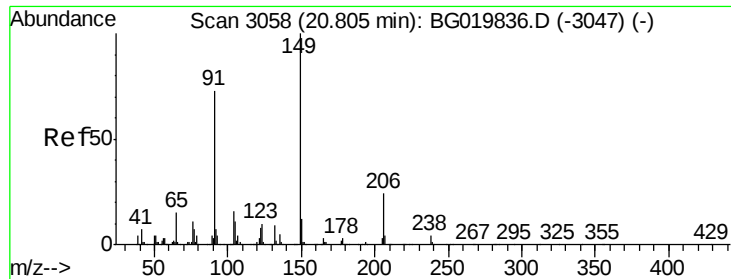
Mmdadoda
 12/3/2015 7:14:16 PM



#78
 Terphenyl-d14
 Concen: 75.33 ng
 RT: 20.11 min Scan# 2939
 Delta R.T. -0.00 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.4	6.9	10.3
122	8.2	10.2	15.2#





#79

Butylbenzylphthalate

Concen: 37.67 ng

RT: 20.79 min Scan# 3056

Delta R.T. -0.01 min

Lab File: BG019860.D

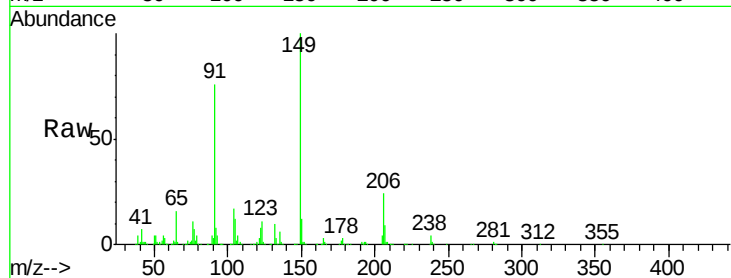
Acq: 3 Dec 2015 8:17

Instrument :

BNA_G

ClientSampleId :

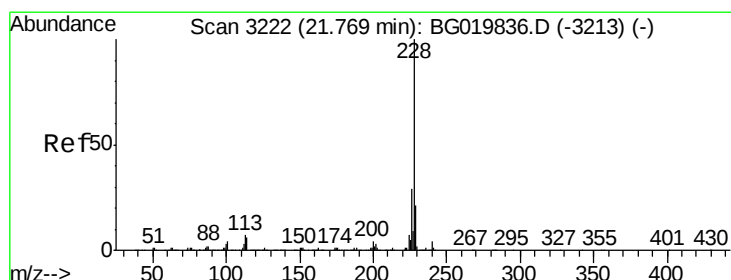
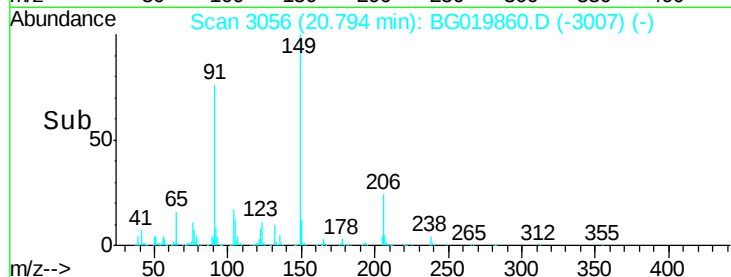
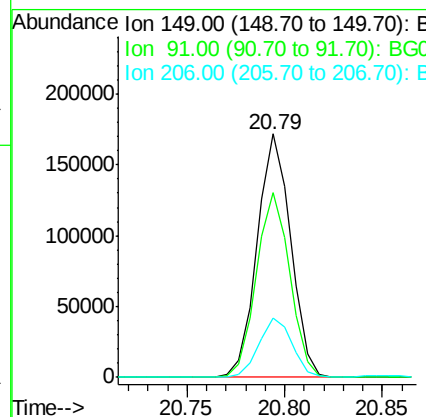
PB87038BS



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	204308		
91	75.8	58.1	87.1	
206	24.4	17.8	26.8	

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#80

Benzo(a)anthracene

Concen: 38.16 ng

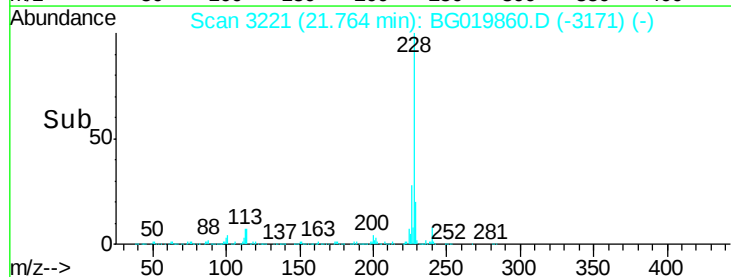
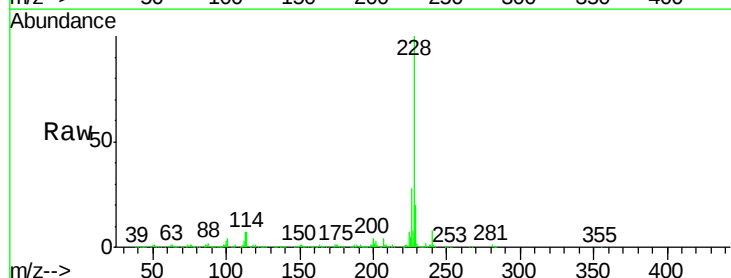
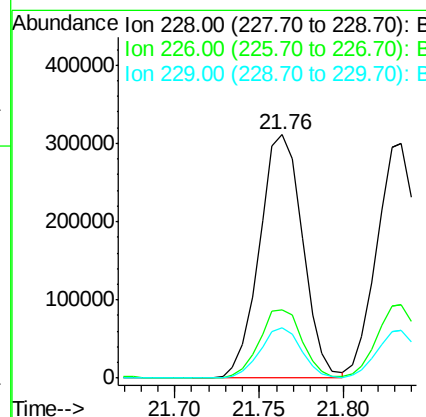
RT: 21.76 min Scan# 3221

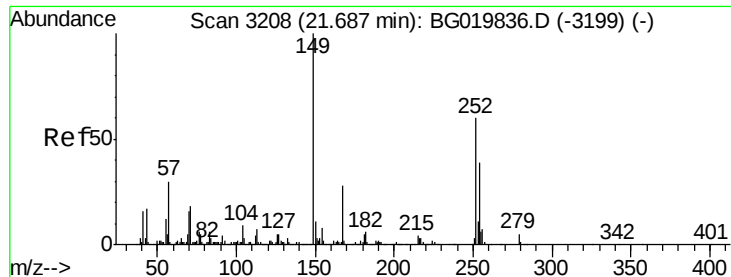
Delta R.T. -0.01 min

Lab File: BG019860.D

Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	549445		
226	28.3	23.4	35.0	
229	20.5	16.6	25.0	





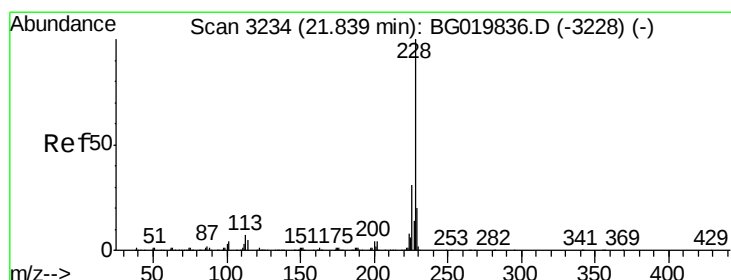
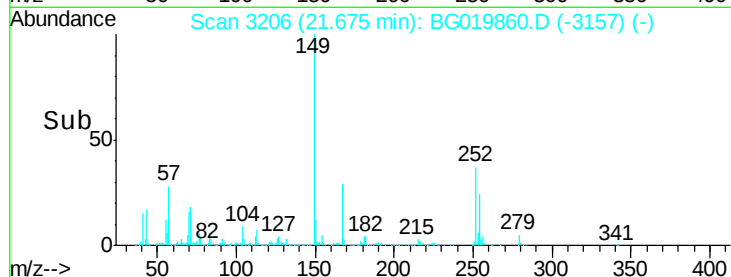
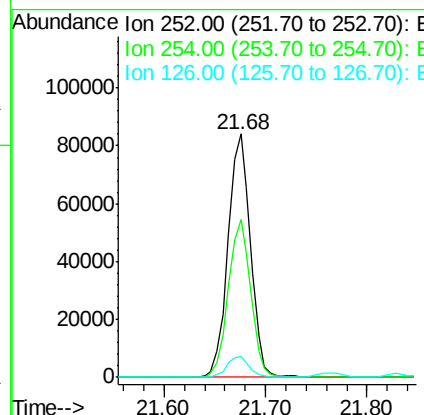
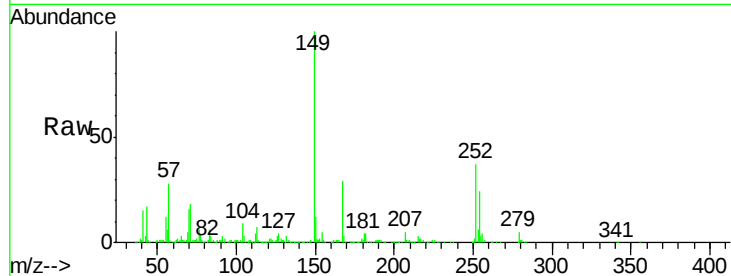
#81
 3,3'-Dichlorobenzidine
 Concen: 23.65 ng
 RT: 21.68 min Scan# 3206
 Delta R.T. -0.01 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87038BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.0	52.5	78.7
126	8.8	8.5	12.7

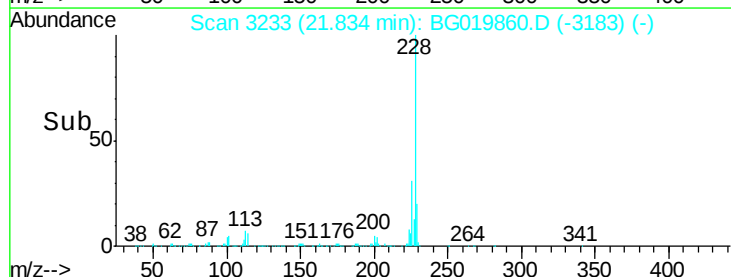
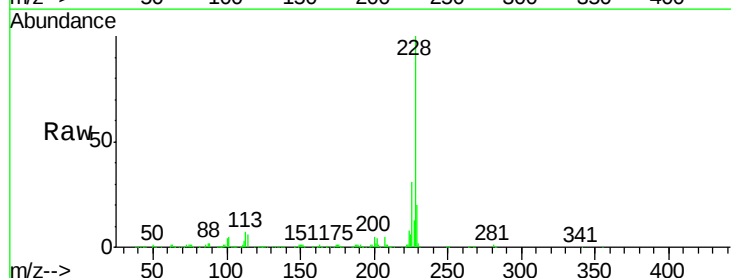
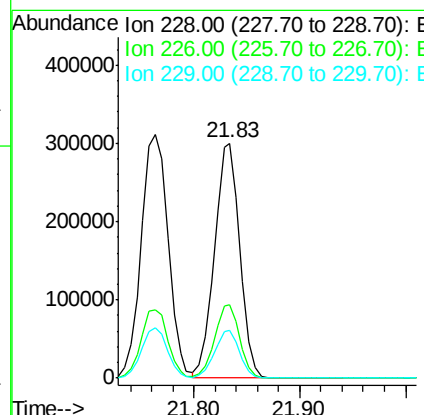
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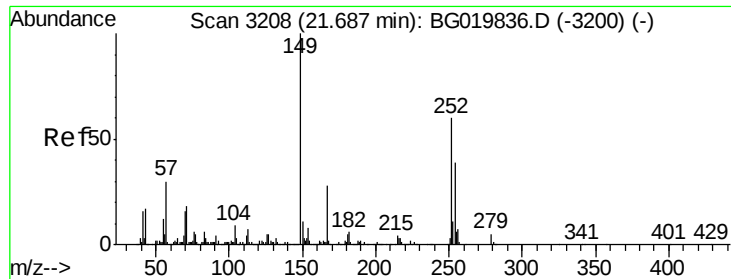
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#82
 Chrysene
 Concen: 36.71 ng
 RT: 21.83 min Scan# 3233
 Delta R.T. -0.01 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.3	26.7	40.1
229	20.1	17.0	25.6





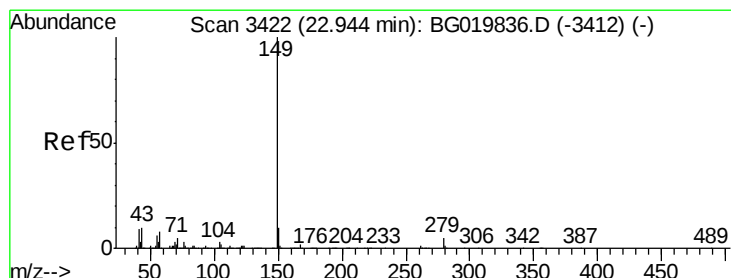
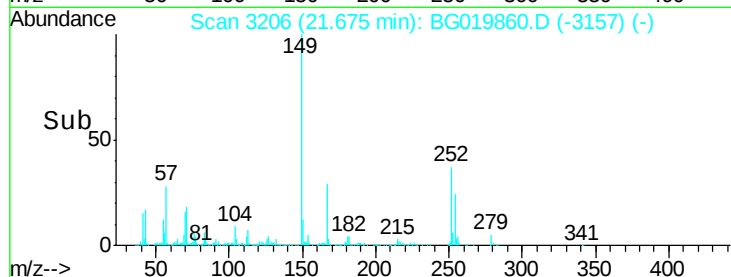
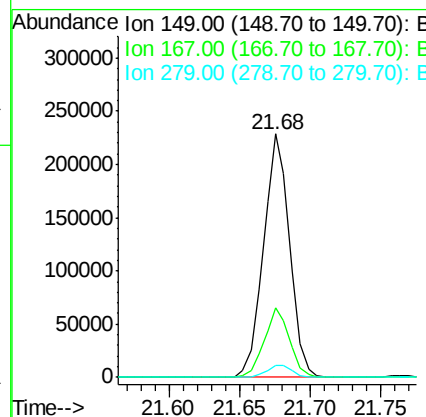
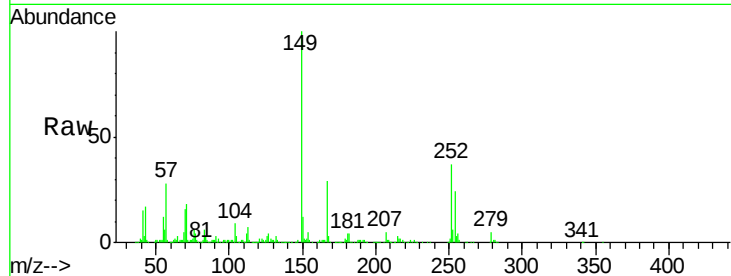
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.23 ng
 RT: 21.68 min Scan# 3206
 Delta R.T. -0.01 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87038BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	28.7	23.8	35.8
279	4.9	3.4	5.2

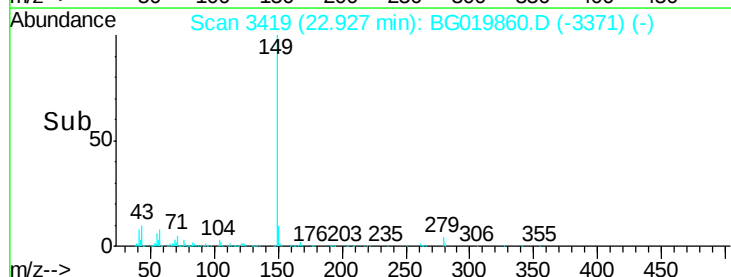
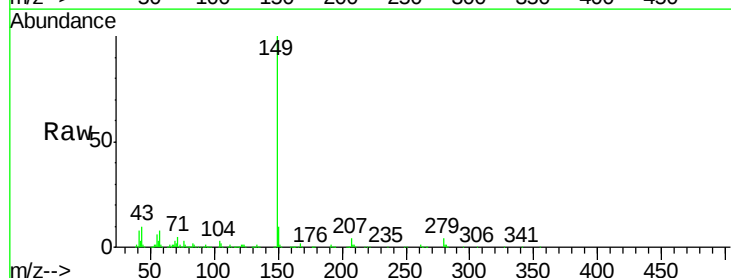
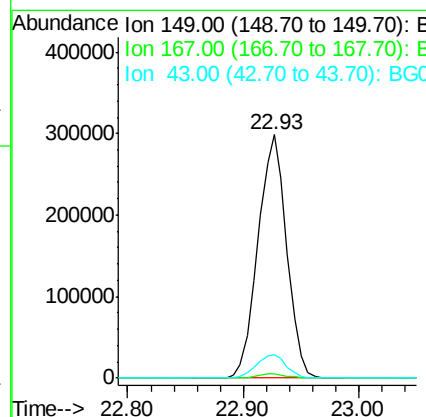
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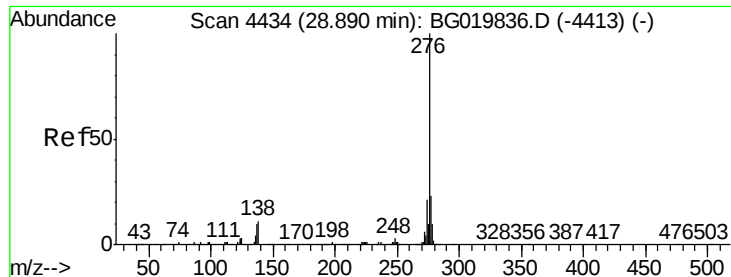
Mmdadoda
 12/3/2015 7:14:16 PM



#84
 Di-n-octyl phthalate
 Concen: 39.79 ng
 RT: 22.93 min Scan# 3419
 Delta R.T. -0.02 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.7	1.2	1.8
43	9.9	5.9	8.9#





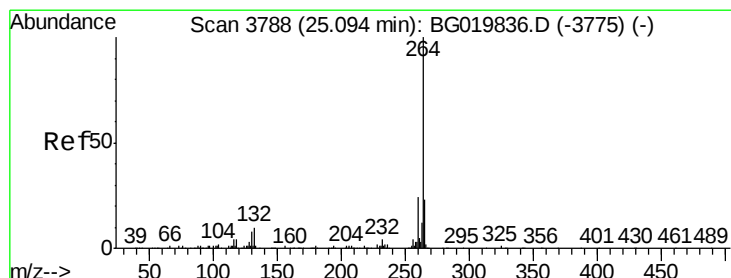
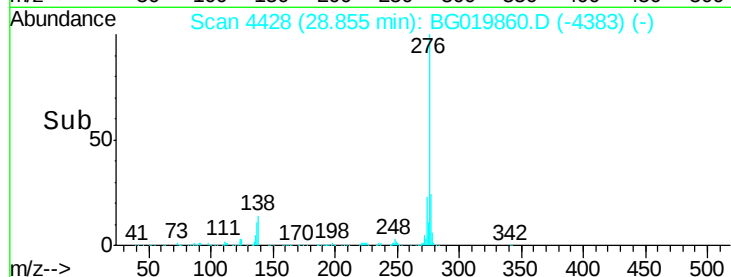
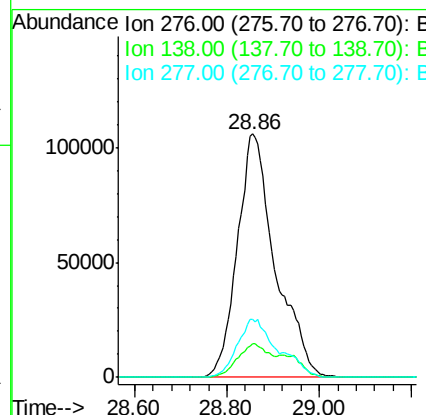
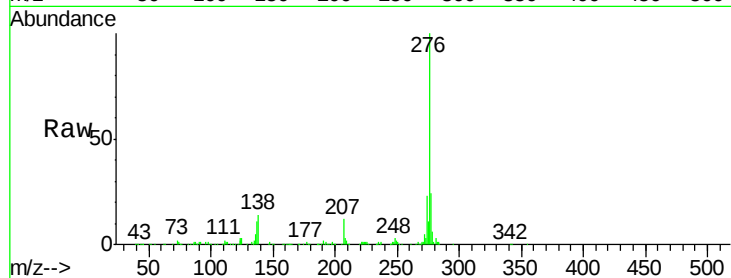
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.30 ng
RT: 28.86 min Scan# 4428
Delta R.T. -0.03 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Instrument :
BNA_G
ClientSampleId :
PB87038BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	11.3	0.0	0.0#
277	25.6	0.0	0.0#

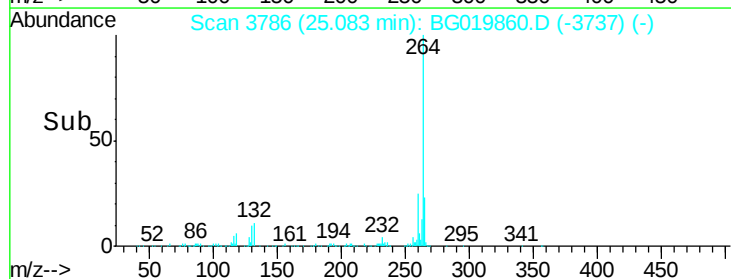
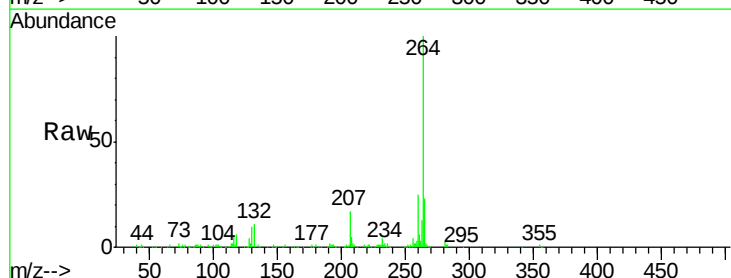
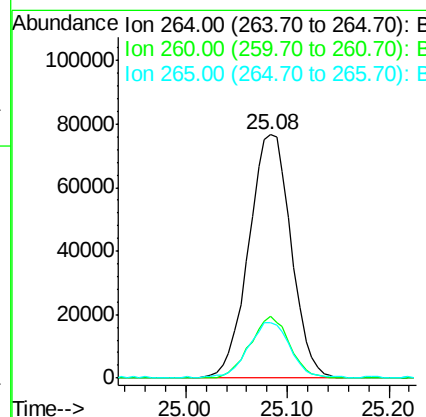
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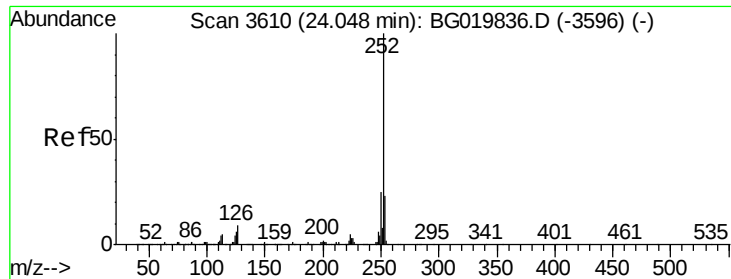
Mmdadoda
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.08 min Scan# 3786
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	25.3	18.5	27.7
265	23.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.69 ng

RT: 24.04 min Scan# 3608

Delta R.T. -0.01 min

Lab File: BG019860.D

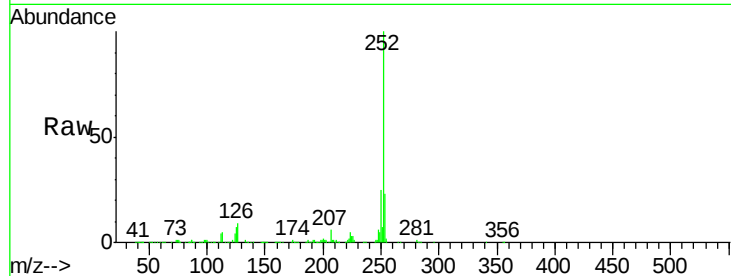
Acq: 3 Dec 2015 8:17

Instrument :

BNA_G

ClientSampleId :

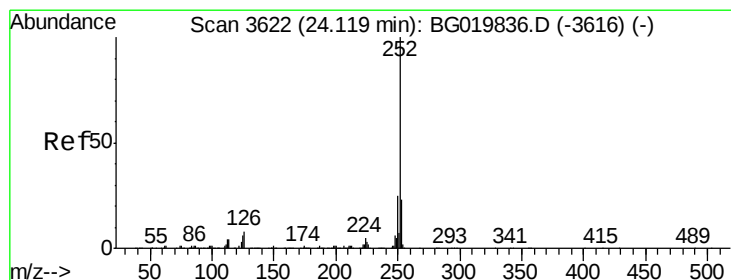
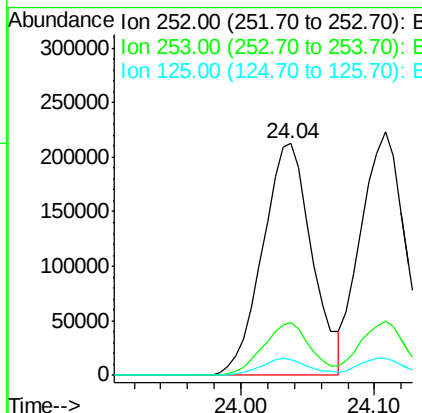
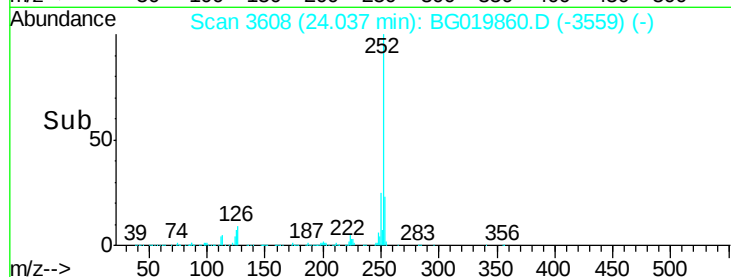
PB87038BS



Tgt	Ion	Ratio	Lower	Upper
252	100			
253	22.7	19.1	28.7	
125	7.0	8.9	13.3	

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#88

Benzo(k)fluoranthene

Concen: 36.27 ng

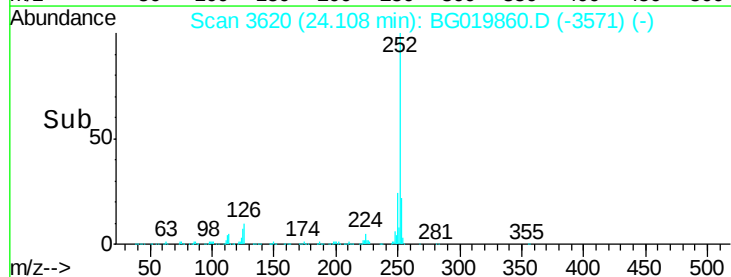
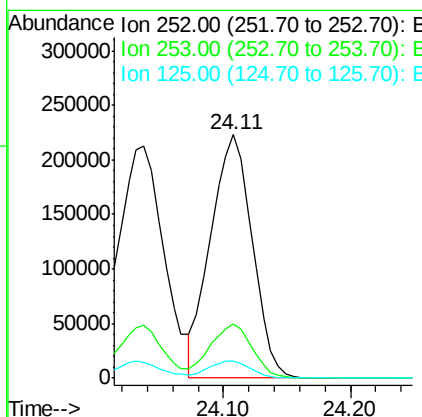
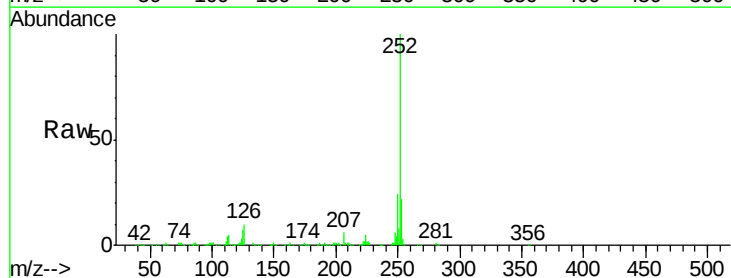
RT: 24.11 min Scan# 3620

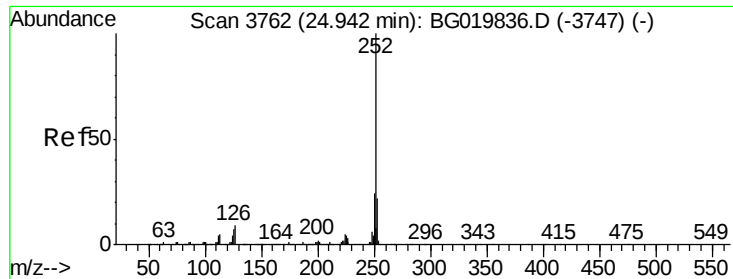
Delta R.T. -0.01 min

Lab File: BG019860.D

Acq: 3 Dec 2015 8:17

Tgt	Ion	Ratio	Lower	Upper
252	100			
253	22.2	19.0	28.4	
125	7.0	8.9	13.3	





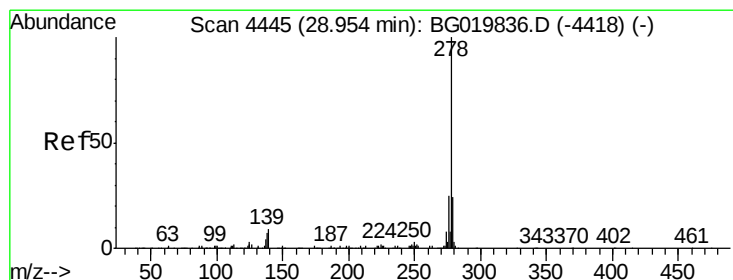
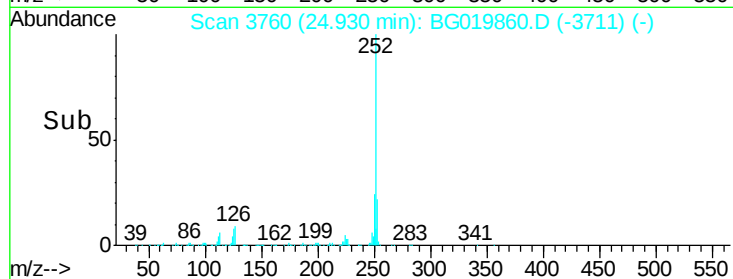
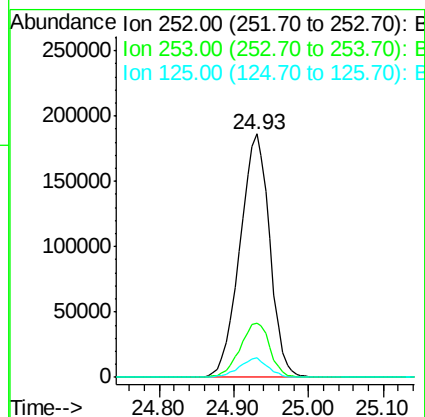
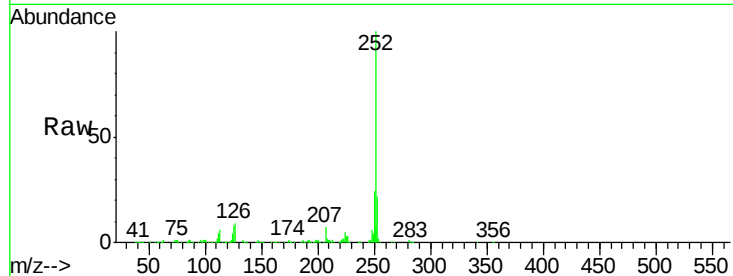
#89
Benzo(a)pyrene
Concen: 38.40 ng
RT: 24.93 min Scan# 3760
Delta R.T. -0.01 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Instrument :
BNA_G
ClientSampleId :
PB87038BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.4	18.7	28.1
125	8.0	9.1	13.7

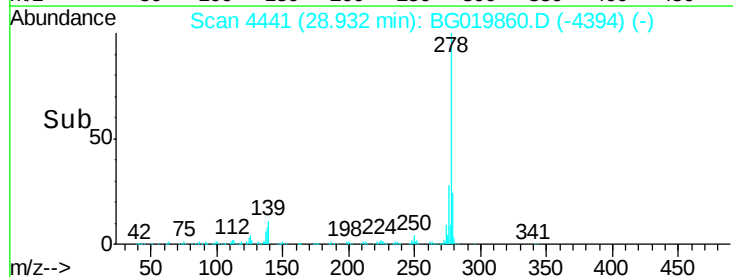
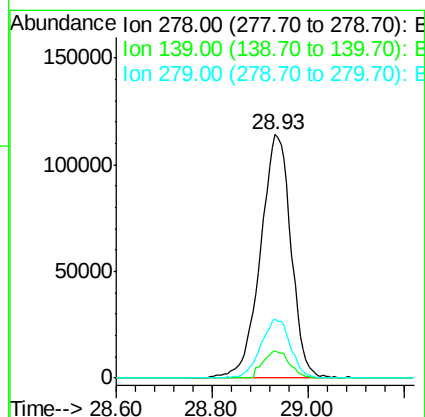
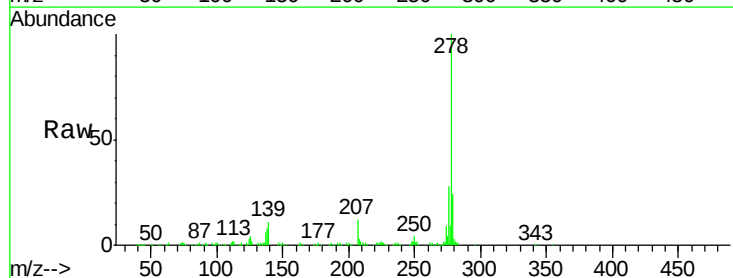
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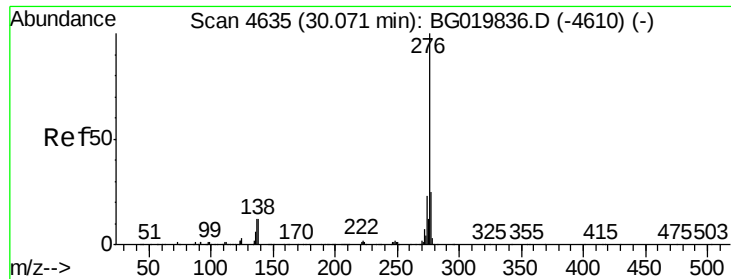
Mmdadoda
12/3/2015 7:14:16 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.15 ng
RT: 28.93 min Scan# 4441
Delta R.T. -0.02 min
Lab File: BG019860.D
Acq: 3 Dec 2015 8:17

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	11.2	13.8	20.6
279	24.4	19.4	29.0





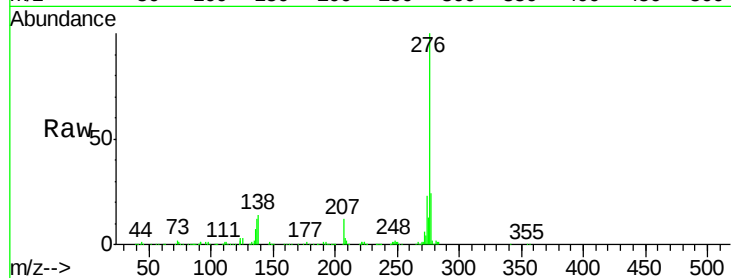
#91
 Benzo(g,h,i)perylene
 Concen: 38.49 ng
 RT: 30.04 min Scan# 4630
 Delta R.T. -0.03 min
 Lab File: BG019860.D
 Acq: 3 Dec 2015 8:17

Instrument :
 BNA_G
 ClientSampleId :
 PB87038BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.7	18.4	27.6
138	13.6	17.4	26.0

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

