

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120515\
 Data File : BG019946.D
 Acq On : 5 Dec 2015 17:39
 Operator : UM/NP
 Sample : PB87054BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

Manual Integrations
 APPROVED

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 12/7/2015 6:31:40 PM

Quant Time: Dec 07 02:26:40 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	51667	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	223019	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	159312	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	410857	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	508985	20.00	ng	-0.03
86) Perylene-d12	25.04	264	483885	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	235589	82.41	ng	-0.01
7) Phenol-d6	7.26	99	342632	79.38	ng	-0.01
23) Nitrobenzene-d5	9.28	82	218567	50.02	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	175250	71.89	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	527766	45.23	ng	-0.02
78) Terphenyl-d14	20.09	244	956238	45.82	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	24263	21.79	ng	# 100
3) Pyridine	3.92	79	78110	23.09	ng	# 85
4) n-Nitrosodimethylamine	3.84	42	38597	21.70	ng	# 95
6) Aniline	7.43	93	80418	14.39	ng	# 82
8) 2-Chlorophenol	7.67	128	90754	26.03	ng	# 95
9) Benzaldehyde	7.24	77	31064m	10.79	ng	
10) Phenol	7.29	94	123282	27.14	ng	# 81
11) bis(2-Chloroethyl)ether	7.53	93	82987	24.67	ng	# 91
12) 1,3-Dichlorobenzene	8.00	146	91609	23.19	ng	# 91
13) 1,4-Dichlorobenzene	8.15	146	93928m	23.02	ng	
14) 1,2-Dichlorobenzene	8.47	146	91045	23.39	ng	# 95
15) Benzyl Alcohol	8.35	79	95889	25.32	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.65	45	127271	23.20	ng	# 92
17) 2-Methylphenol	8.55	107	84111	26.23	ng	# 92
18) Hexachloroethane	9.21	117	34617	22.66	ng	# 97
19) n-Nitroso-di-n-propylamine	8.92	70	76236	22.40	ng	# 90
20) 3+4-Methylphenols	8.88	107	119369	26.43	ng	# 94
22) Acetophenone	8.94	105	137850	22.55	ng	# 92
24) Nitrobenzene	9.32	77	117389	24.76	ng	# 91
25) Isophorone	9.85	82	209169	22.33	ng	# 96
26) 2-Nitrophenol	10.04	139	50358	27.51	ng	# 73
27) 2,4-Dimethylphenol	10.09	122	97203	25.50	ng	# 92
28) bis(2-Chloroethoxy)methane	10.33	93	119632	26.13	ng	# 98
29) 2,4-Dichlorophenol	10.57	162	105551	27.10	ng	# 97
30) 1,2,4-Trichlorobenzene	10.79	180	100027	22.72	ng	# 99
31) Naphthalene	10.99	128	281943	23.60	ng	# 99
32) Benzoic acid	10.21	122	71056	30.20	ng	# 88
33) 4-Chloroaniline	11.09	127	44359	8.43	ng	# 91
34) Hexachlorobutadiene	11.27	225	68957	21.24	ng	# 96
35) Caprolactam	11.86	113	36813m	25.39	ng	
36) 4-Chloro-3-methylphenol	12.19	107	120839	24.91	ng	# 93
37) 2-Methylnaphthalene	12.58	142	216139	24.69	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	133031	22.00	ng	# 98
40) Hexachlorocyclopentadiene	12.93	237	154786	44.90	ng	# 94

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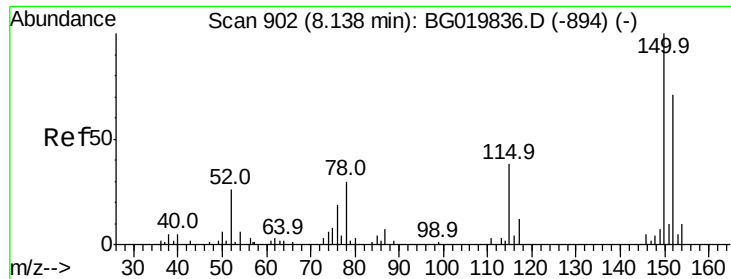
Manual Integrations
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Quant Time: Dec 07 02:26:40 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	95237	23.79	nq	97
43) 2,4,5-Trichlorophenol	13.25	196	108247	25.59	nq	94
45) 1,1'-Biphenyl	13.58	154	286743	21.93	nq	98
46) 2-Chloronaphthalene	13.63	162	233213	23.14	nq	95
47) 2-Nitroaniline	13.83	65	87796	27.58	nq	87
48) Acenaphthylene	14.47	152	392630	22.87	nq	99
49) Dimethylphthalate	14.20	163	324826	22.67	nq	98
50) 2,6-Dinitrotoluene	14.31	165	71259	26.45	nq	# 76
51) Acenaphthene	14.81	154	275295m	26.43	nq	
52) 3-Nitroaniline	14.64	138	47655	17.02	nq	93
53) 2,4-Dinitrophenol	14.85	184	74558	55.24	nq	89
54) Dibenzofuran	15.14	168	391826	25.29	nq	92
55) 4-Nitrophenol	14.94	139	126257	51.79	nq	# 71
56) 2,4-Dinitrotoluene	15.09	165	106190	28.25	nq	# 90
57) Fluorene	15.79	166	321848	23.21	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	106269	27.14	nq	98
59) Diethylphthalate	15.55	149	342545	22.09	nq	97
60) 4-Chlorophenyl-phenylether	15.78	204	176265	22.13	nq	98
61) 4-Nitroaniline	15.81	138	80657	25.62	nq	# 80
62) Azobenzene	16.07	77	325494	25.22	nq	94
64) 4,6-Dinitro-2-methylphenol	15.86	198	60322	28.92	nq	95
65) n-Nitrosodiphenylamine	15.99	169	294136	24.74	nq	95
66) 4-Bromophenyl-phenylether	16.67	248	116878	22.89	nq	97
67) Hexachlorobenzene	16.79	284	128545	24.17	nq	99
68) Atrazine	16.93	200	126576	24.50	nq	97
69) Pentachlorophenol	17.13	266	165775	53.41	nq	94
70) Phenanthrene	17.53	178	561462	24.15	nq	98
71) Anthracene	17.62	178	570613	24.10	nq	96
72) Carbazole	17.88	167	507806	24.35	nq	97
73) Di-n-butylphthalate	18.44	149	615409	24.07	nq	99
74) Fluoranthene	19.53	202	710697	23.90	nq	96
76) Benzidine	19.71	184	186187	11.14	nq	98
77) Pyrene	19.89	202	723568	24.16	nq	96
79) Butylbenzylphthalate	20.77	149	287065	24.46	nq	98
80) Benzo(a)anthracene	21.74	228	742856	23.84	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	152614	12.86	nq	99
82) Chrysene	21.81	228	668672	22.60	nq	98
83) Bis(2-ethylhexyl)phthalate	21.65	149	413632	24.01	nq	98
84) Di-n-octyl phthalate	22.88	149	704418	25.15	nq	# 95
85) Indeno(1,2,3-cd)pyrene	28.79	276	826483	25.36	nq	# 100
87) Benzo(b)fluoranthene	24.00	252	728826	23.77	nq	# 95
88) Benzo(k)fluoranthene	24.07	252	697954	22.98	nq	# 96
89) Benzo(a)pyrene	24.89	252	695534	23.89	nq	# 96
90) Dibenzo(a,h)anthracene	28.86	278	682431	23.72	nq	# 95
91) Benzo(g,h,i)perylene	29.97	276	674560	23.88	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

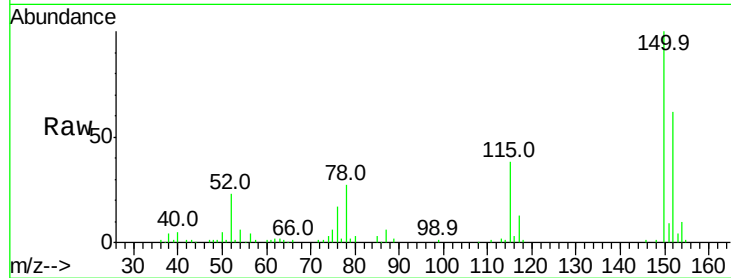
ClientSampleId :

PB87054BS

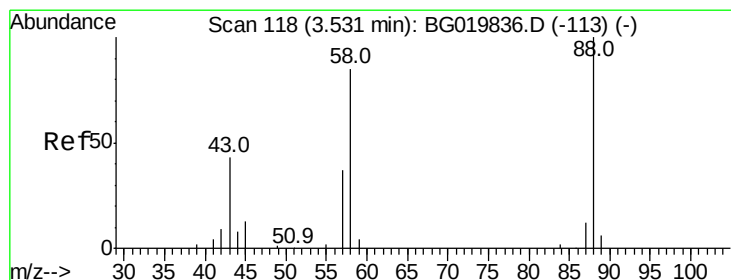
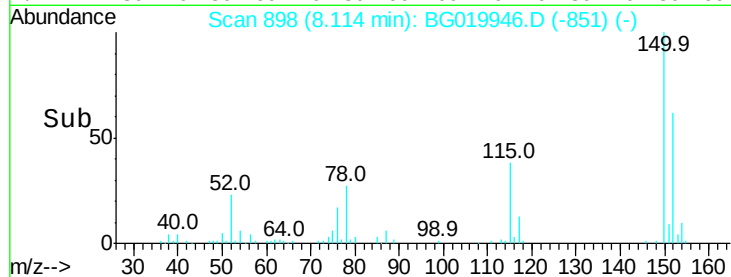
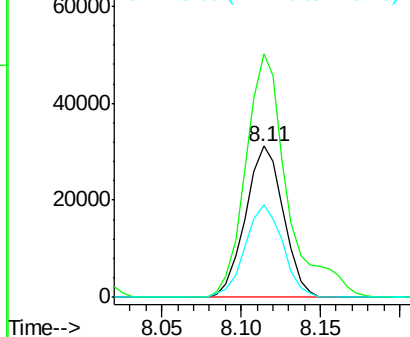
Tot Ion:	152	Resp:	51667
Ion Ratio	Lower	Upper	
152	100		
150	161.3	115.0	172.4
115	61.1	43.9	65.9

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



#2

1,4-Dioxane

Concen: 21.79 ng

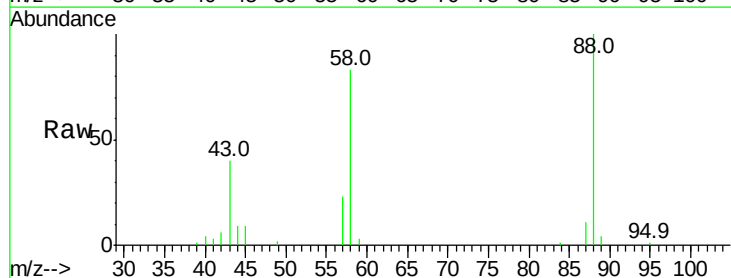
RT: 3.52 min Scan# 116

Delta R.T. -0.01 min

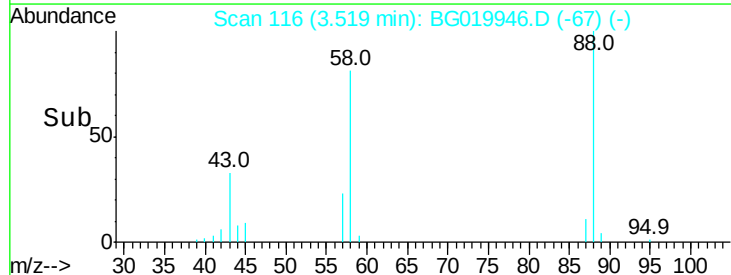
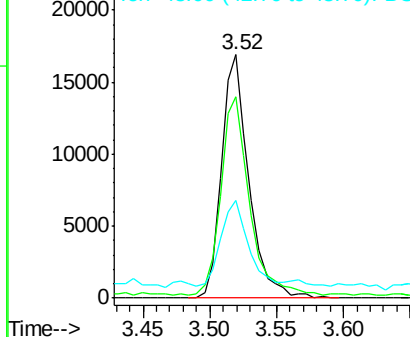
Lab File: BG019946.D

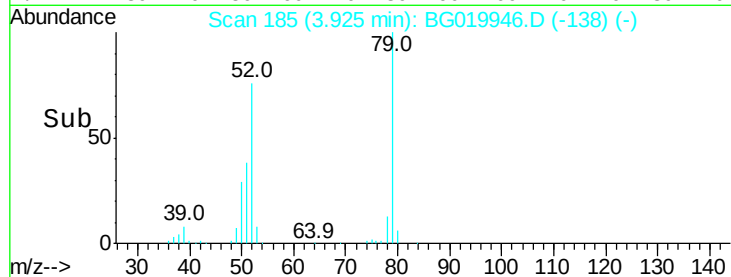
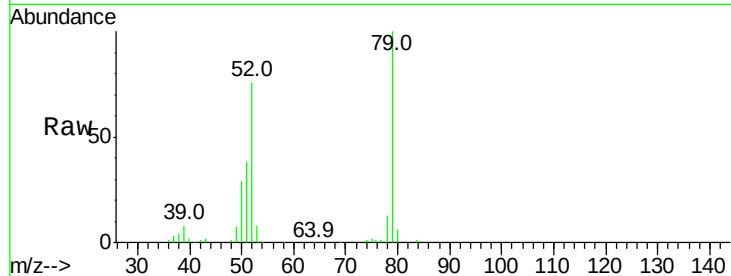
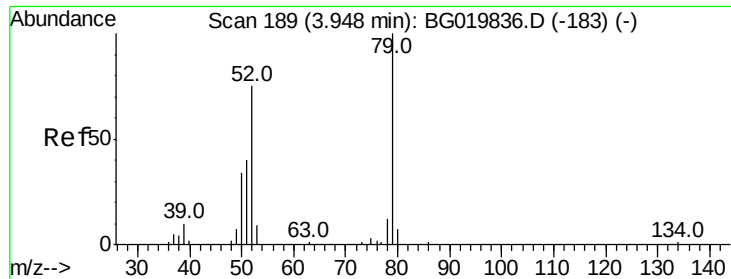
Acq: 5 Dec 2015 17:39

Tgt Ion:	88	Resp:	24263
Ion Ratio	Lower	Upper	
88	100		
58	84.3	0.0	0.0#
43	35.4	0.0	0.0#



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





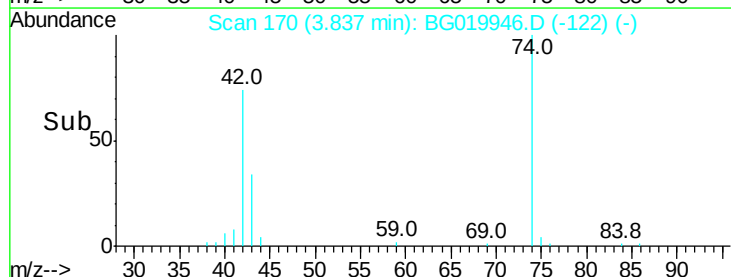
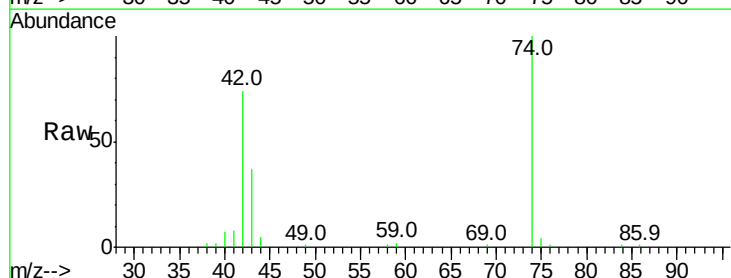
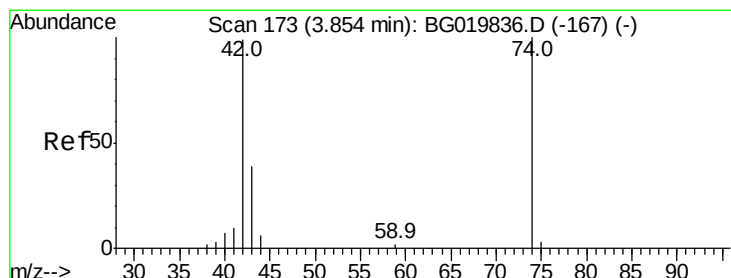
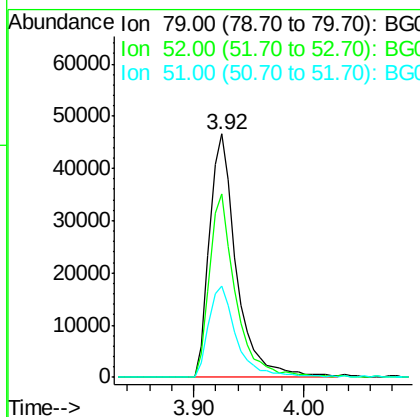
#3
 Pvridine
 Concen: 23.09 ng
 RT: 3.92 min Scan# 185
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.6	50.3	75.5#
51	37.8	24.8	37.2#

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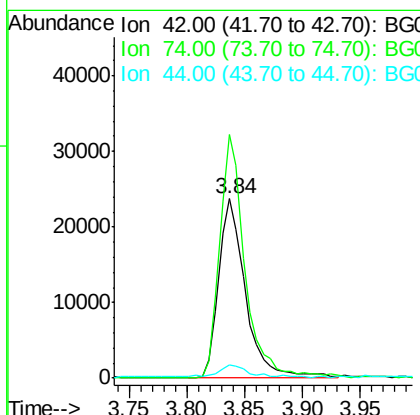
Manual Integrations
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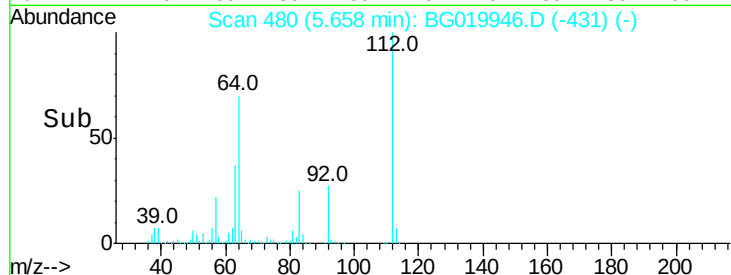
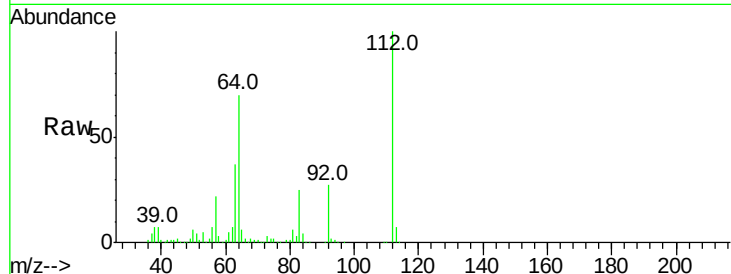
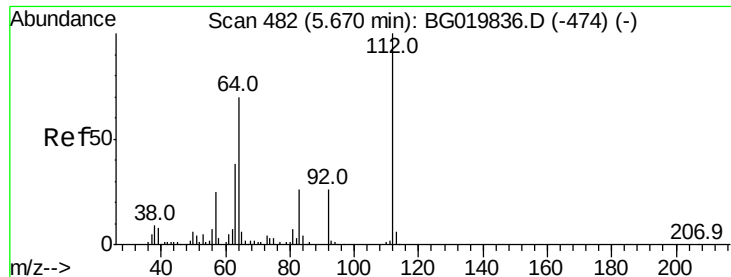
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#4
 n-Nitrosodimethylamine
 Concen: 21.70 ng
 RT: 3.84 min Scan# 170
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.6	113.9	170.9
44	7.0	5.7	8.5





#5

2-Fluorophenol

Concen: 82.41 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

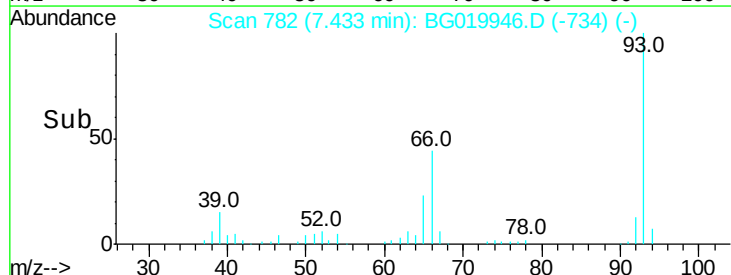
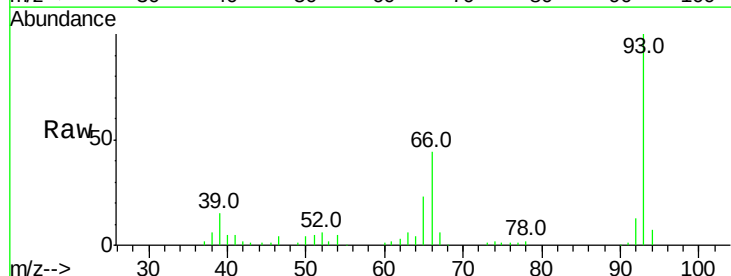
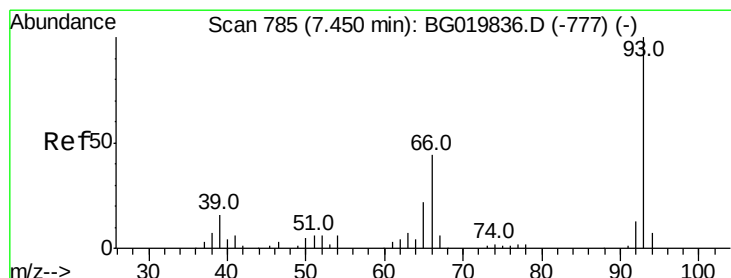
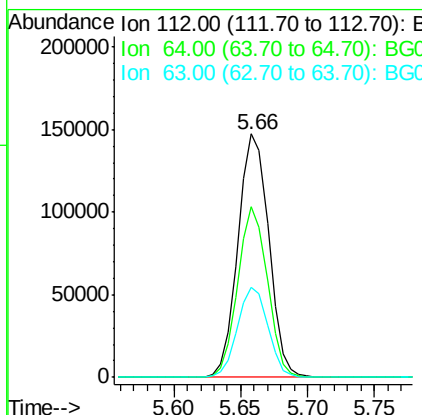
ClientSampleId :

PB87054BS

Manual Integrations
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Tot Ion	Ratio	Resp	Lower	Upper
112	100			
64	70.0	43.7	65.5#	
63	36.9	24.0	36.0#	



#6

Aniline

Concen: 14.39 ng

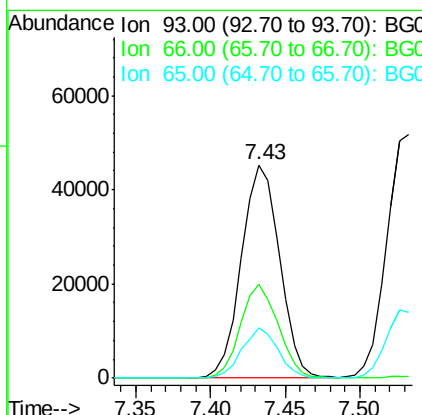
RT: 7.43 min Scan# 782

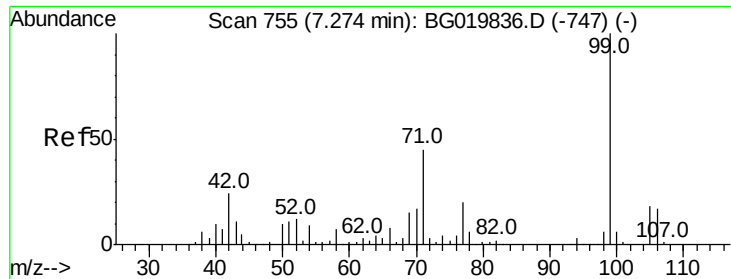
Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
66	44.1	26.2	39.2#	
65	23.4	14.0	21.0#	





#7

Phenol-d6

Concen: 79.38 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

ClientSampleId :

PB87054BS

Tot Ion: 99 Resp: 342632

Ion Ratio Lower Upper

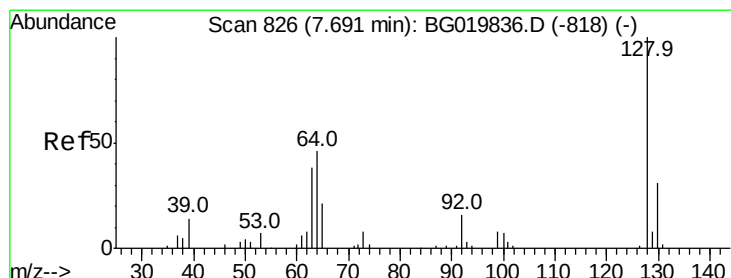
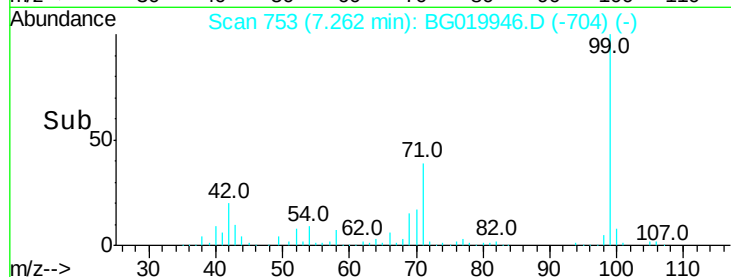
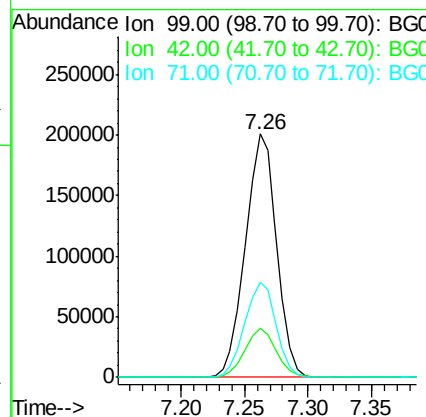
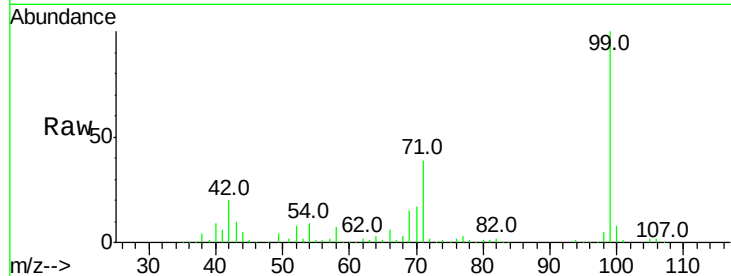
99 100

42 19.9 11.5 17.3#

71 38.9 22.6 34.0#

Manual Integrations
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#8

2-Chlorophenol

Concen: 26.03 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

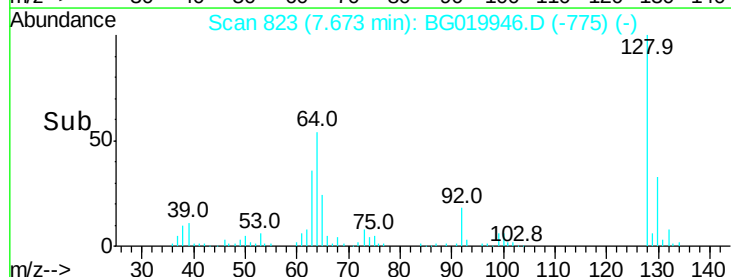
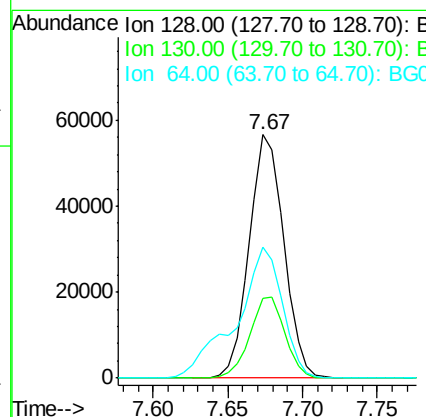
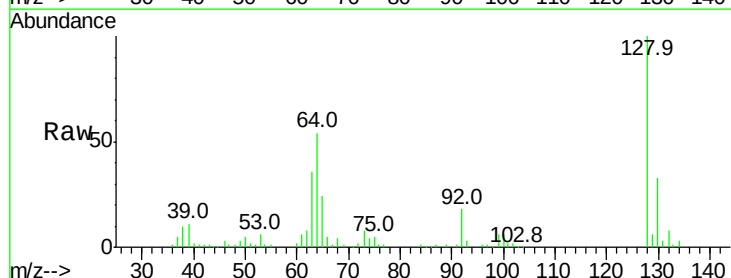
Tgt Ion: 128 Resp: 90754

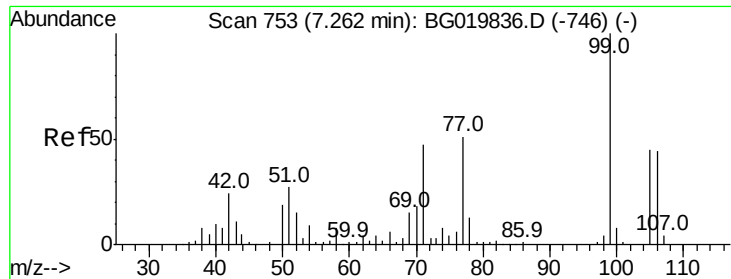
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 53.9 28.2 68.2





#9

Benzaldehyde

Concen: 10.79 ng/mL

RT: 7.24 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

ClientSampleId :

PB87054BS

Tot Ion: 77 Resp: 31064

Ion Ratio Lower Upper

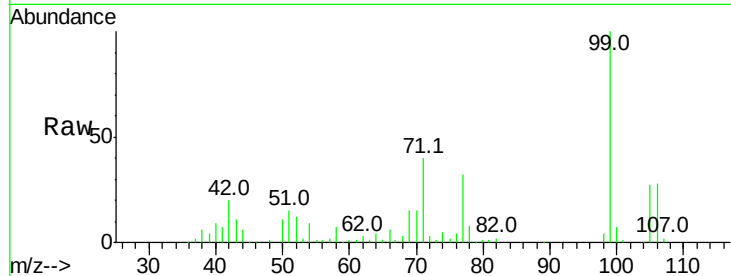
77 100

105 83.8 77.7 117.7

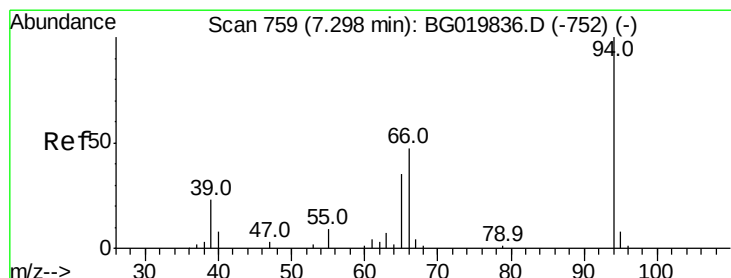
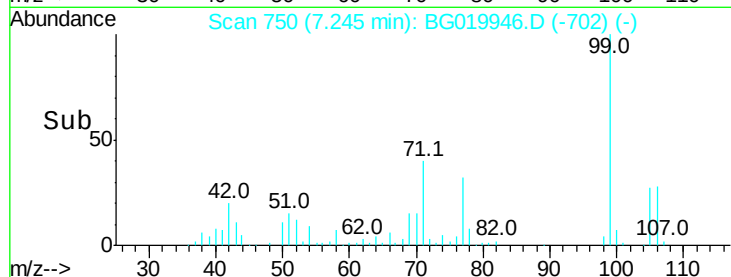
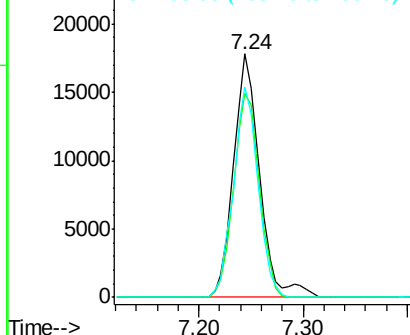
106 86.3 75.8 115.8

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 27.14 ng/mL

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

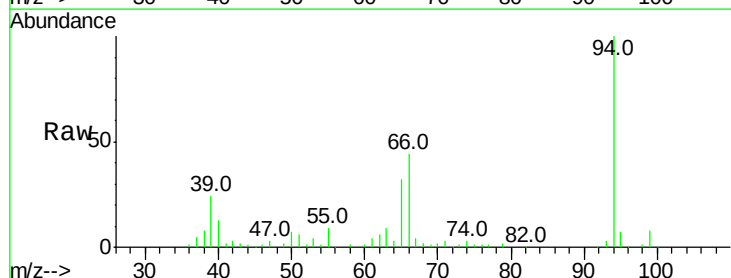
Tgt Ion: 94 Resp: 123282

Ion Ratio Lower Upper

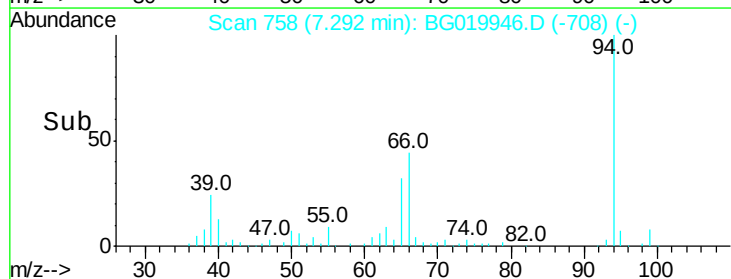
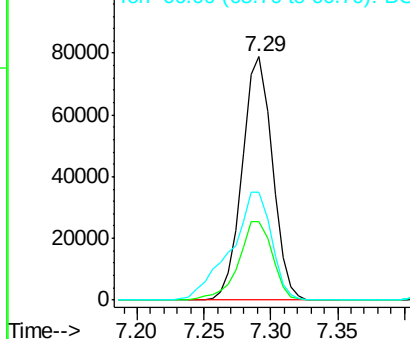
94 100

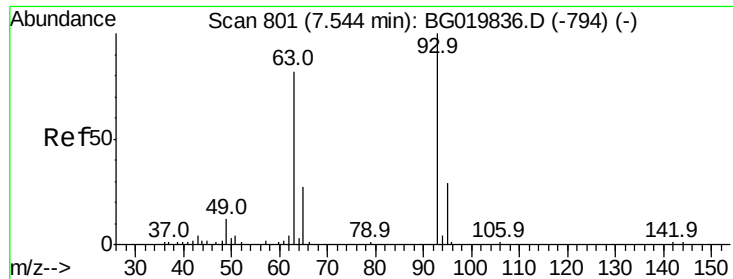
65 32.4 5.4 45.4

66 44.2 11.8 51.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 24.67 ng

RT: 7.53 min Scan# 799

Delta R.T. -0.01 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

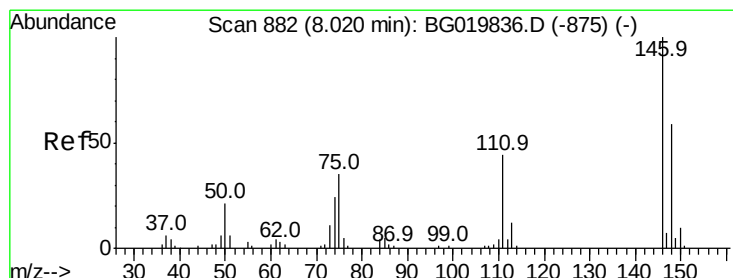
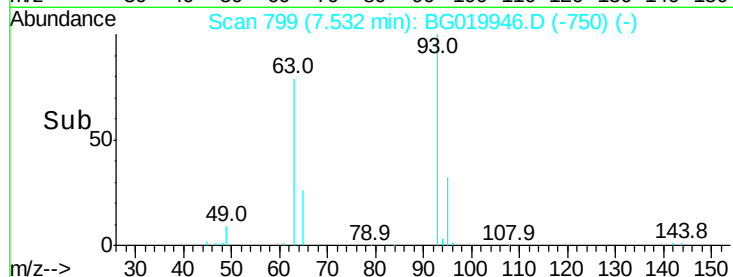
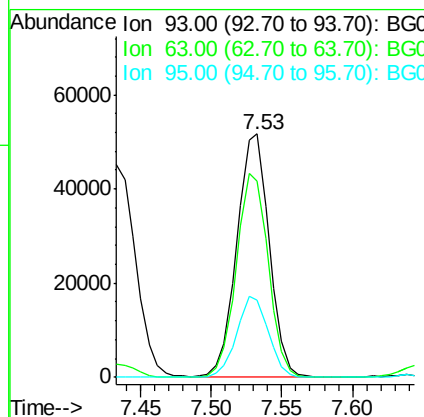
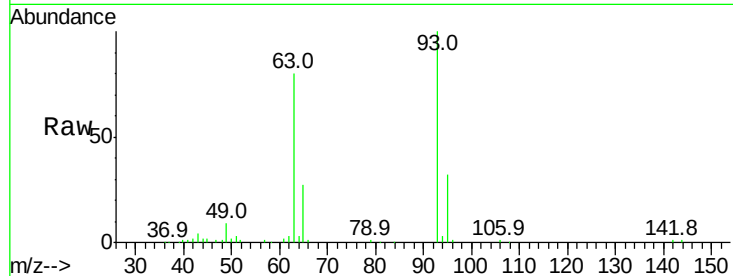
ClientSampleId :

PB87054BS

Tot Ion:	93	Resp:	82987
Ion	Ratio	Lower	Upper
93	100		
63	80.5	50.5	90.5
95	31.7	12.2	52.2

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#12

1,3-Dichlorobenzene

Concen: 23.19 ng

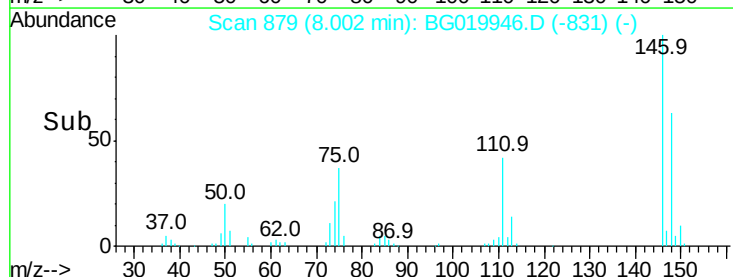
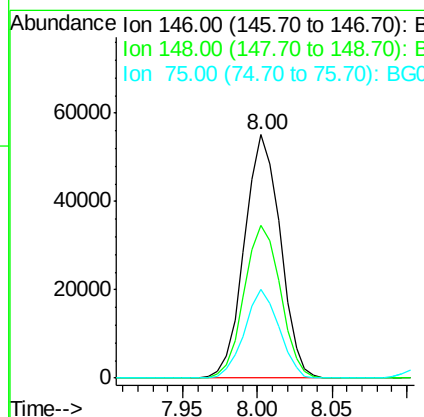
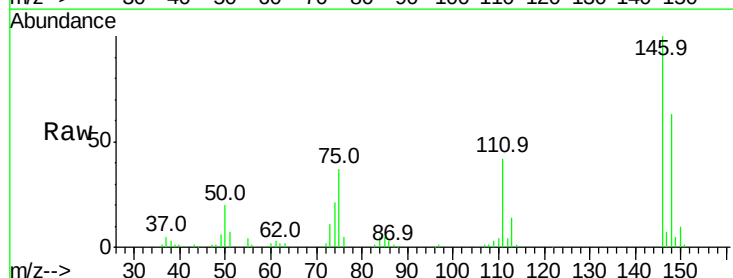
RT: 8.00 min Scan# 879

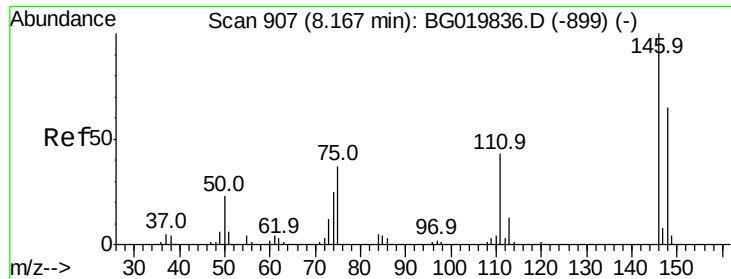
Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Tgt Ion:	146	Resp:	91609
Ion	Ratio	Lower	Upper
146	100		
148	62.7	53.4	80.0
75	36.6	21.1	31.7#





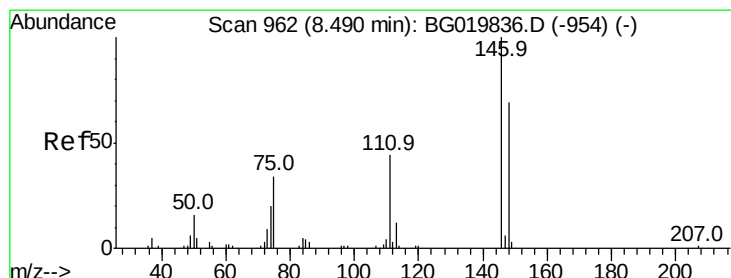
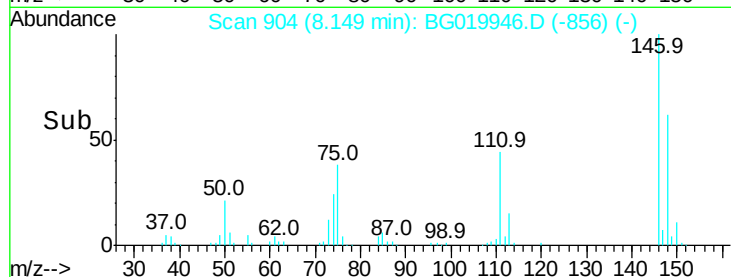
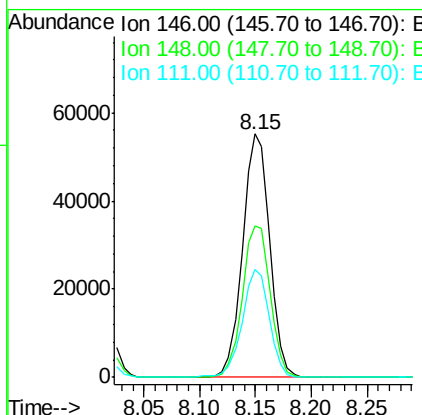
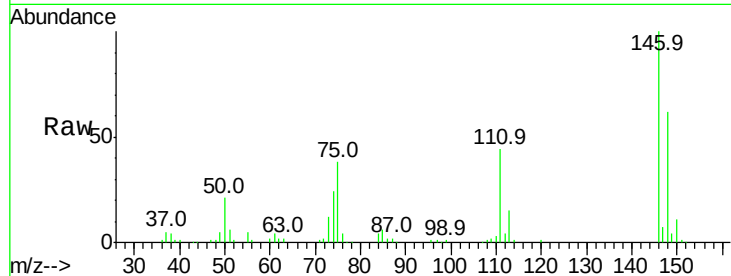
#13
 1,4-Dichlorobenzene
 Concen: 23.02 ng/ml
 RT: 8.15 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.5	78.7
111	44.4	28.3	42.5

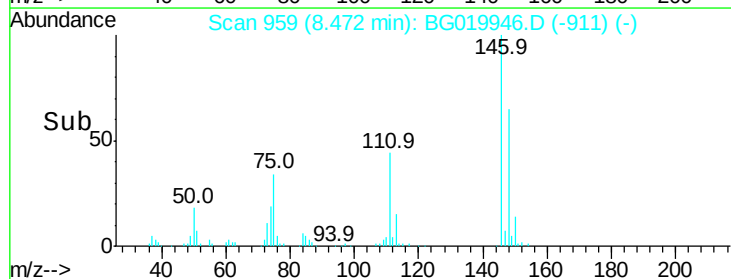
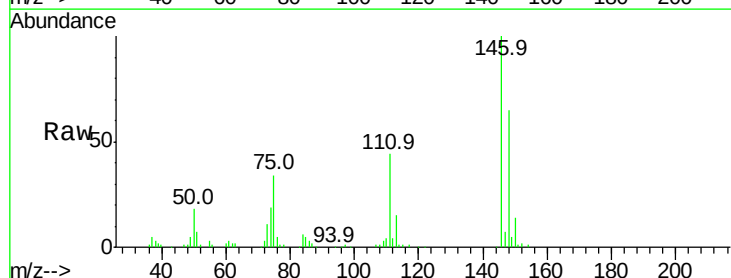
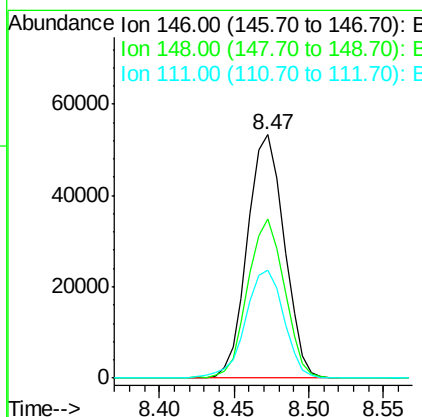
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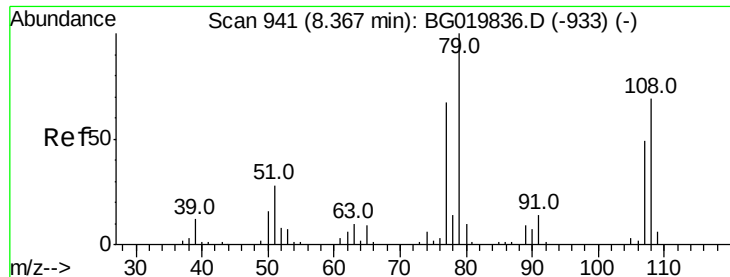
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#14
 1,2-Dichlorobenzene
 Concen: 23.39 ng/ml
 RT: 8.47 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.5	78.7
111	44.5	29.9	44.9





#15

Benzyl Alcohol

Concen: 25.32 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

ClientSampleId :

PB87054BS

Tot Ion: 79 Resp: 95889

Ion Ratio Lower Upper

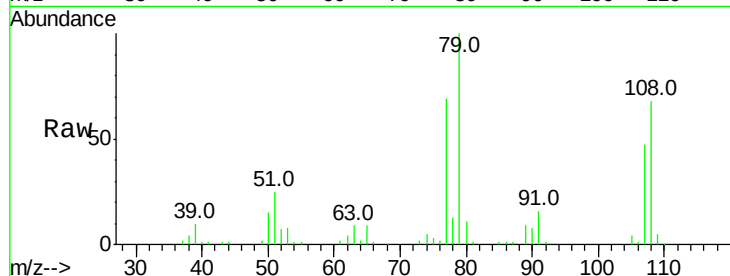
79 100

108 67.7 65.5 98.3

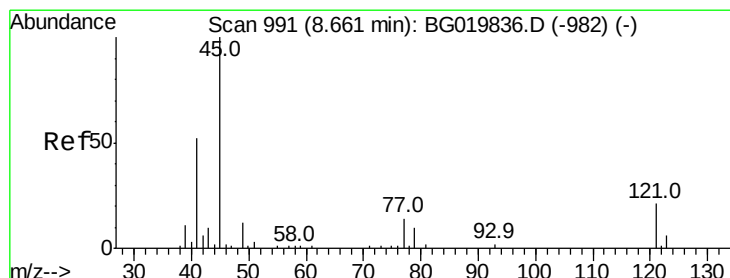
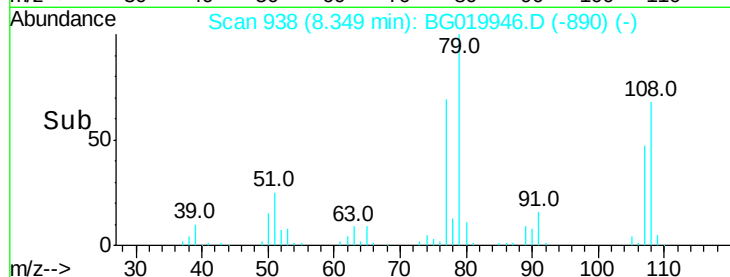
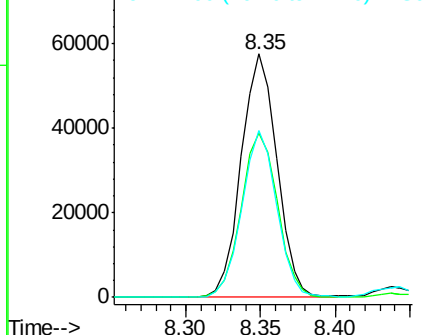
77 68.7 51.3 76.9

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.20 ng

RT: 8.65 min Scan# 989

Delta R.T. -0.01 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

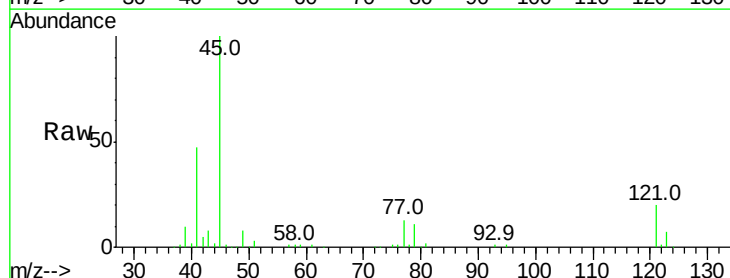
Tgt Ion: 45 Resp: 127271

Ion Ratio Lower Upper

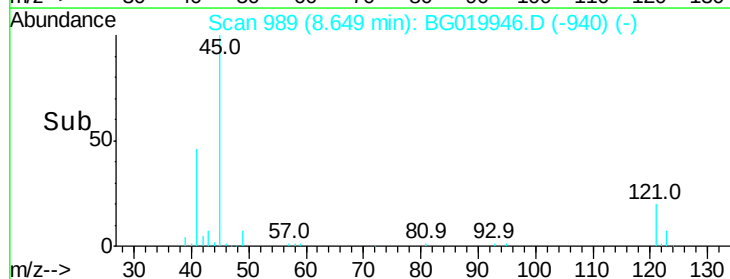
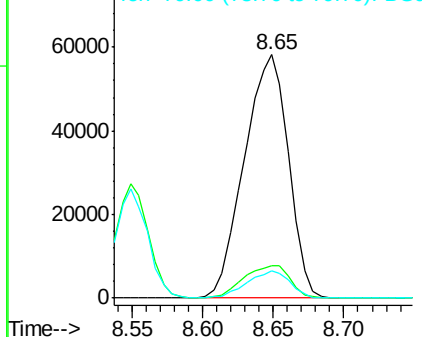
45 100

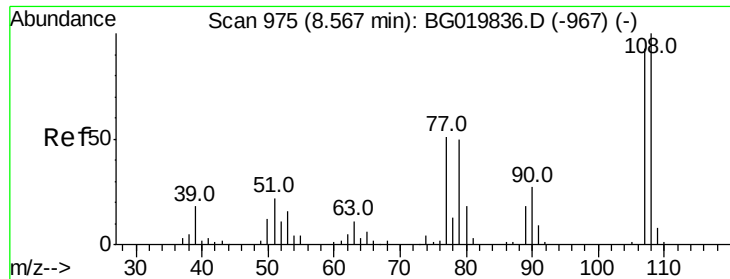
77 13.3 0.0 37.0

79 11.3 0.0 33.8



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





#17

2-Methylphenol

Concen: 26.23 ng

RT: 8.55 min Scan# 972

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

ClientSampleId :

PB87054BS

Tot Ion:107 Resp: 84111

Ion Ratio Lower Upper

107 100

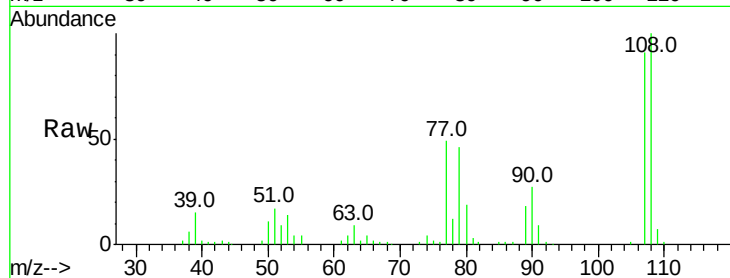
108 110.0 86.5 129.7

77 53.5 34.6 51.8#

79 51.0 32.3 48.5#

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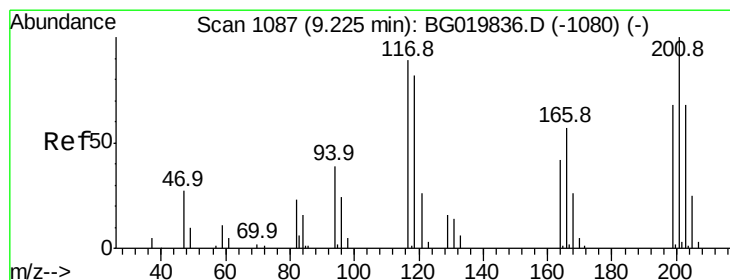
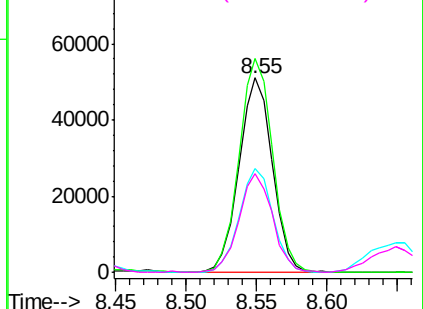
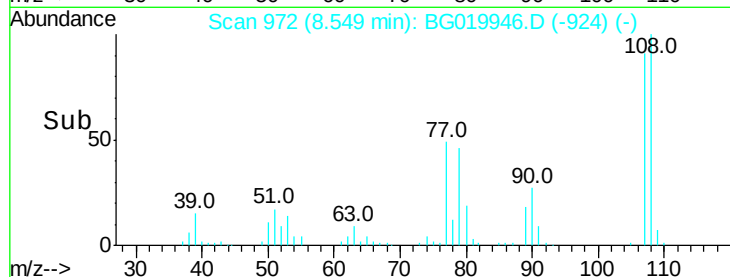


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 22.66 ng

RT: 9.21 min Scan# 1084

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

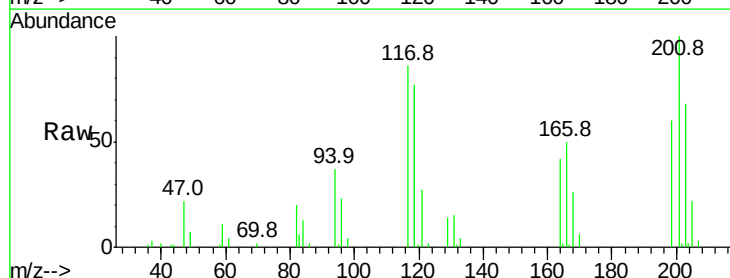
Tgt Ion:117 Resp: 34617

Ion Ratio Lower Upper

117 100

119 89.2 71.7 107.5

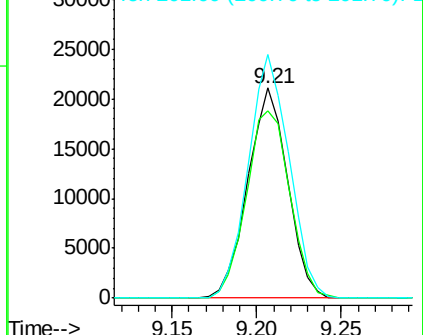
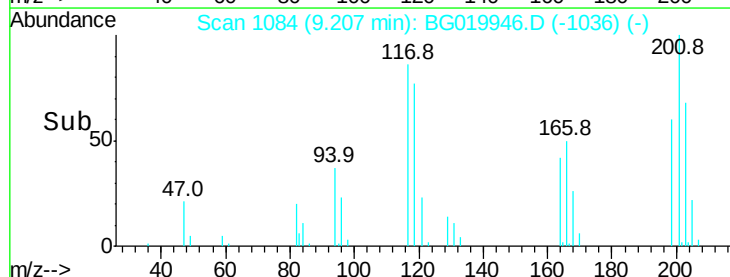
201 118.2 90.9 136.3

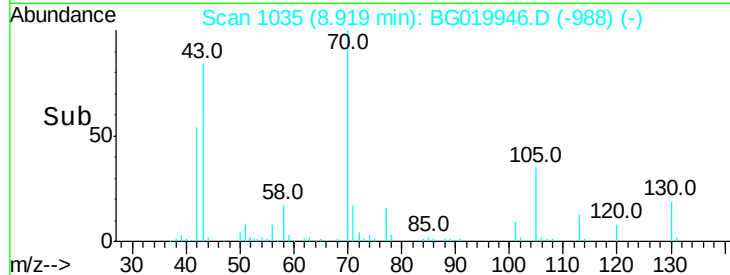
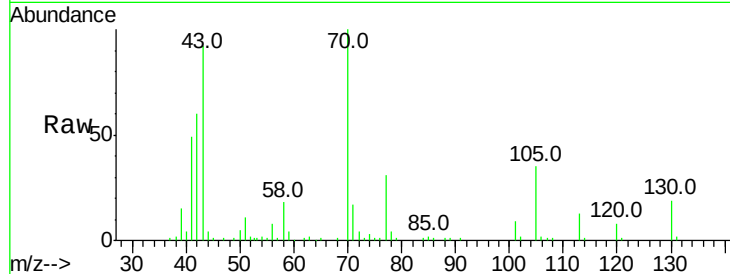
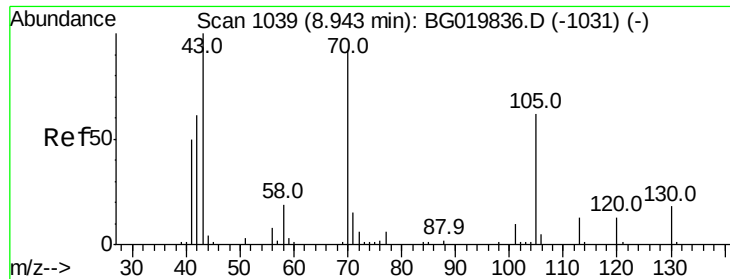


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





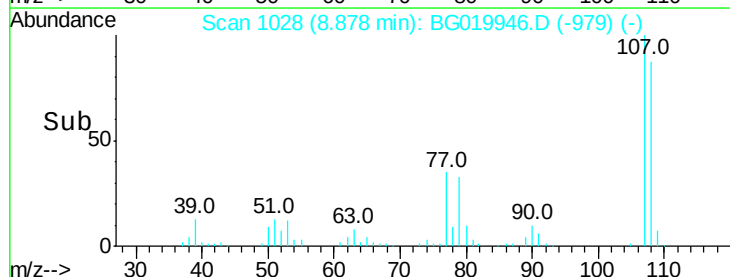
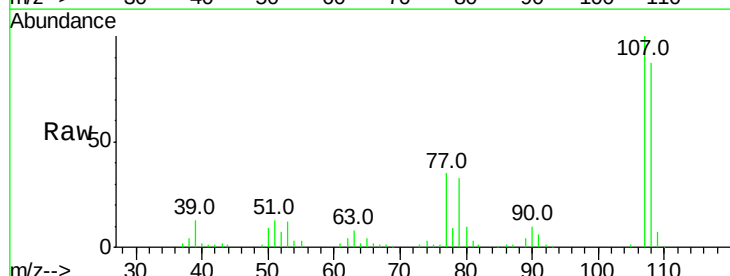
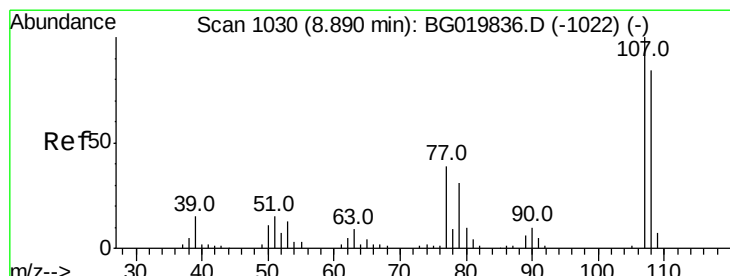
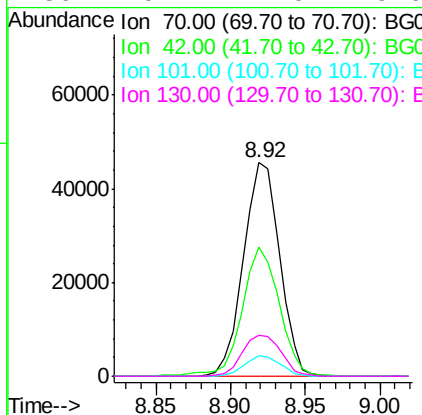
#19
n-Nitroso-di-n-propylamine
Concen: 22.40 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87054BS

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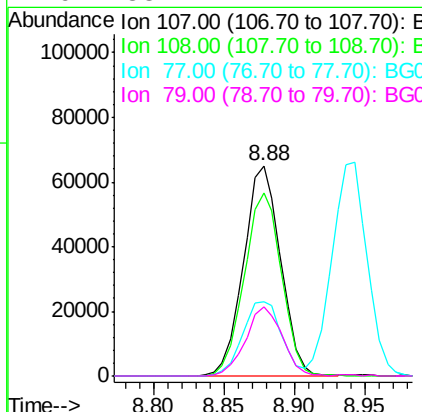
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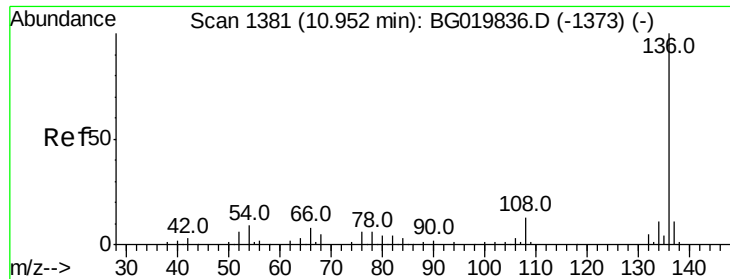
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.3	40.6	60.8	
101	9.3	8.6	13.0	
130	19.4	17.0	25.6	



#20
3+4-Methylphenols
Concen: 26.43 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.0	72.2	112.2	
77	35.2	13.4	53.4	
79	33.2	7.2	47.2	





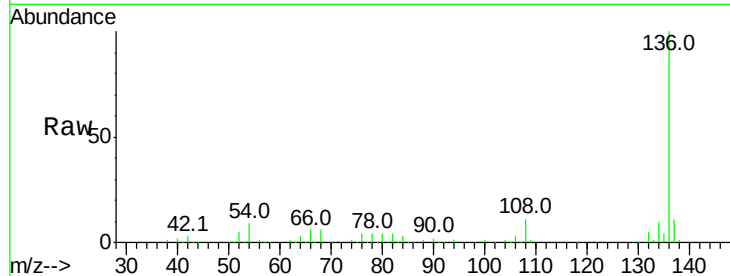
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87054BS

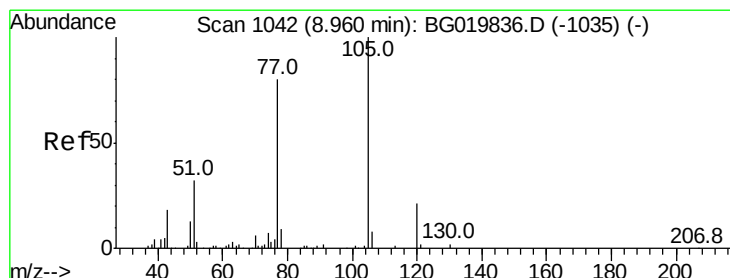
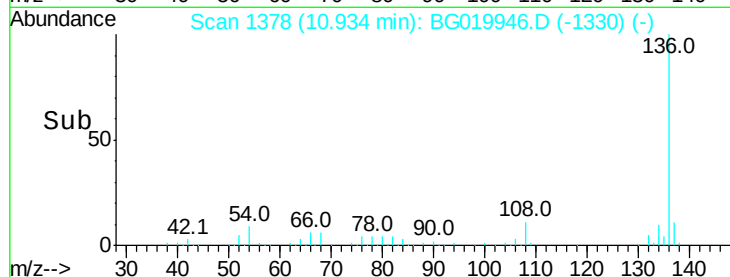
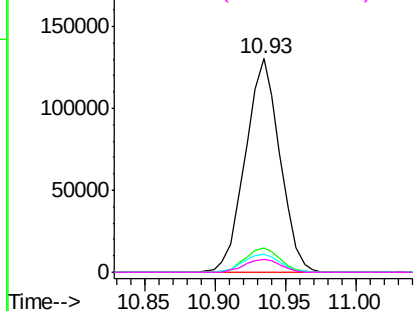
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.5	5.4	8.2
68	6.3	5.3	7.9

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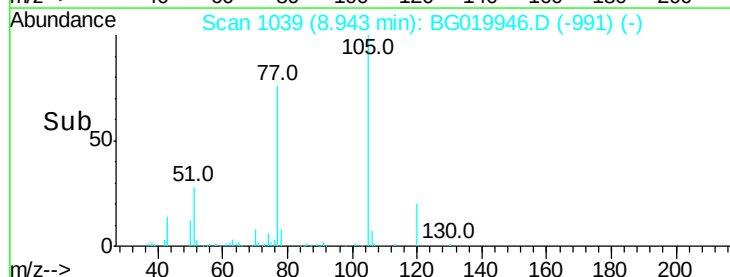
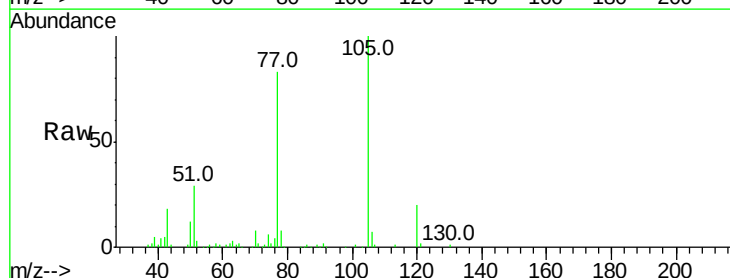
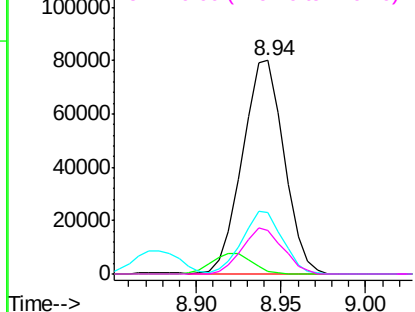
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

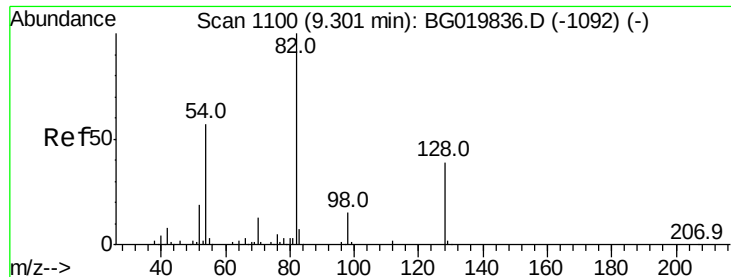


#22
Acetophenone
Concen: 22.55 ng
RT: 8.94 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	1.5	2.1	3.1
51	28.7	17.8	26.8
120	20.4	17.7	26.5

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





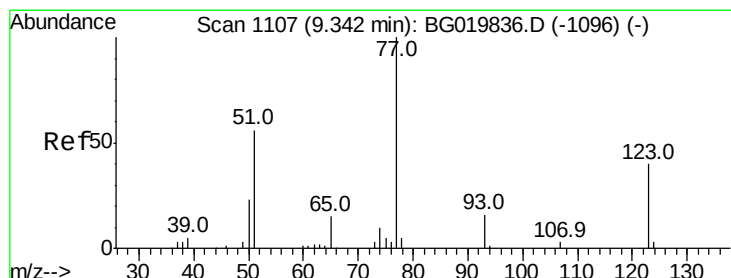
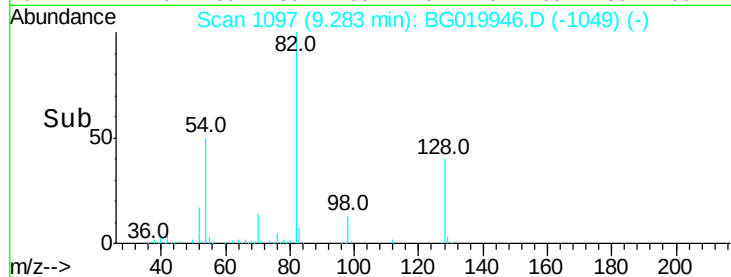
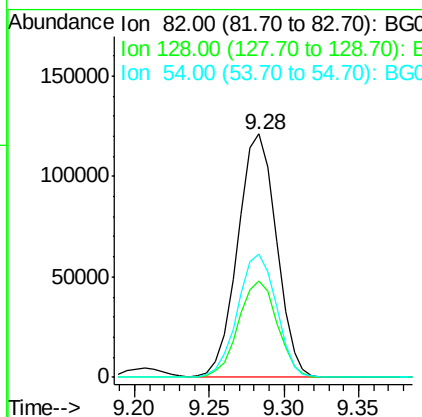
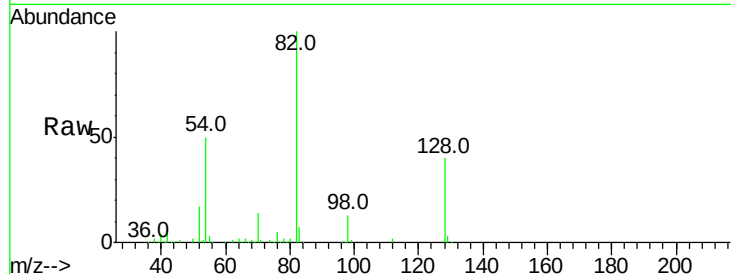
#23
Nitrobenzene-d5
Concen: 50.02 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87054BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	218567		
128	39.9	36.7	55.1	
54	50.5	33.8	50.8	

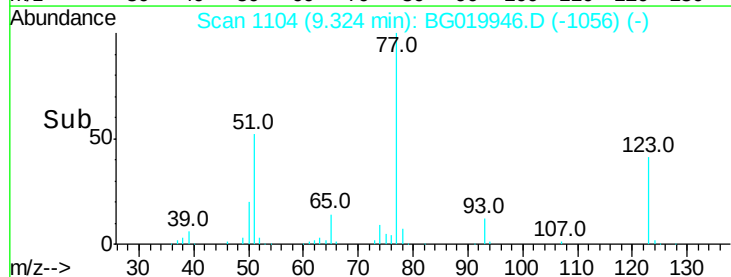
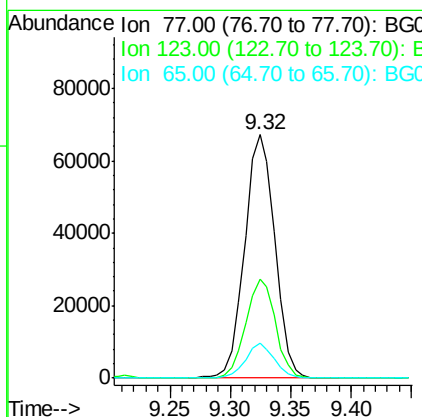
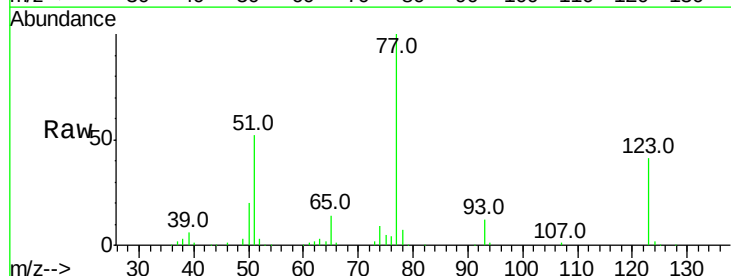
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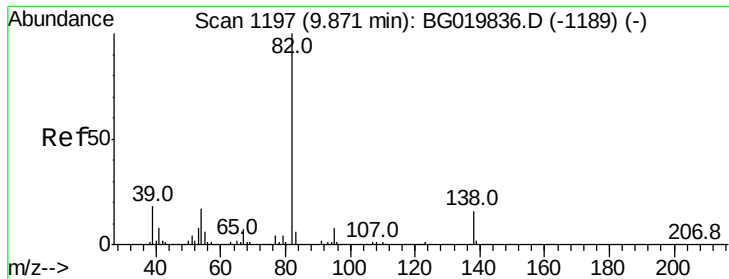
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#24
Nitrobenzene
Concen: 24.76 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	117389		
123	40.8	38.2	57.2	
65	14.2	10.6	16.0	





#25

Isophorone

Concen: 22.33 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

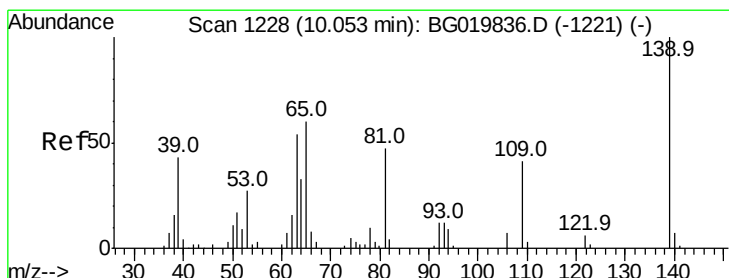
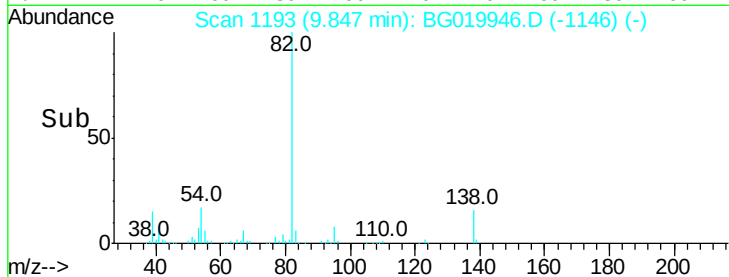
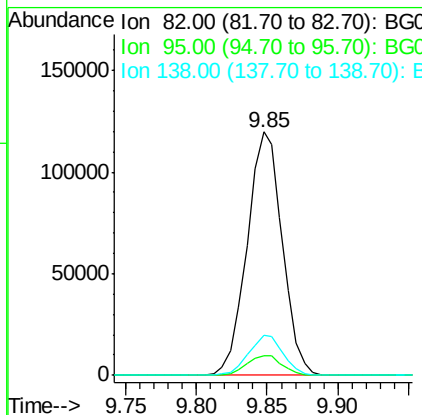
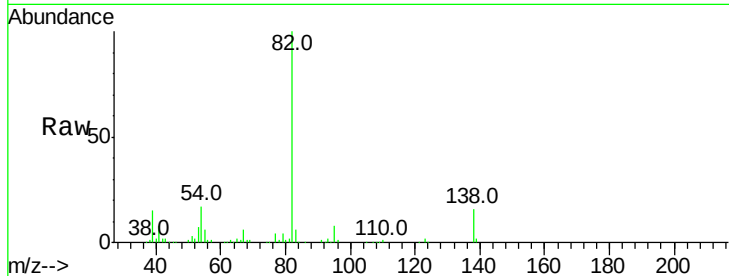
ClientSampleId :

PB87054BS

Tot Ion:	82	Resp:	209169
Ion Ratio	Lower	Upper	
82	100		
95	8.0	5.2	7.8#
138	16.2	14.4	21.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 27.51 ng

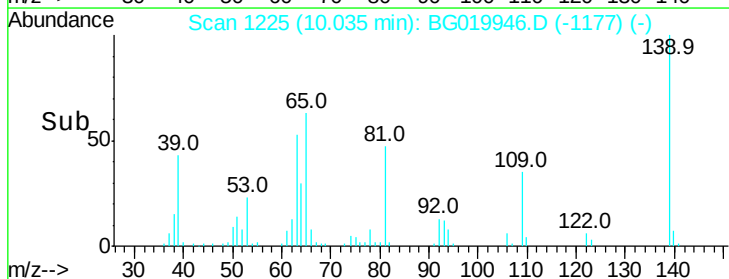
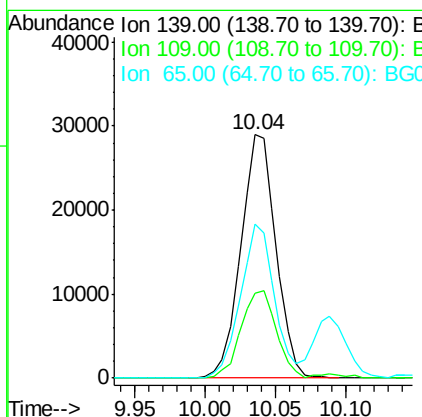
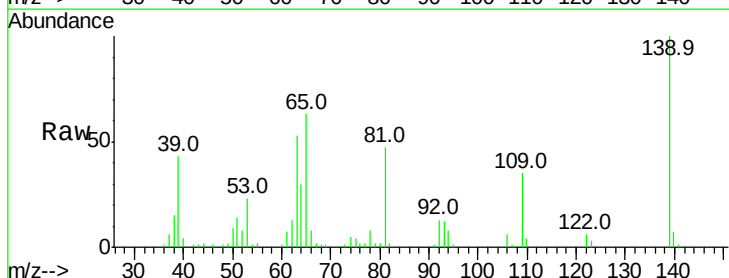
RT: 10.04 min Scan# 1225

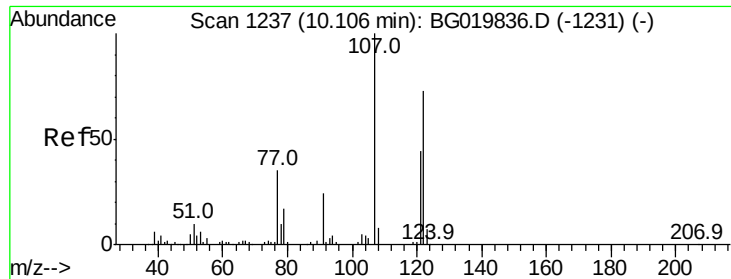
Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Tgt Ion:	139	Resp:	50358
Ion Ratio	Lower	Upper	
139	100		
109	34.7	20.1	30.1#
65	63.1	34.1	51.1#





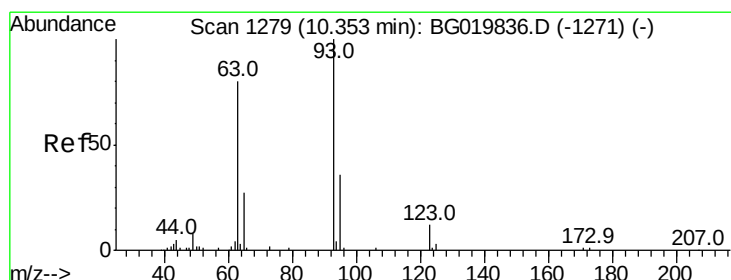
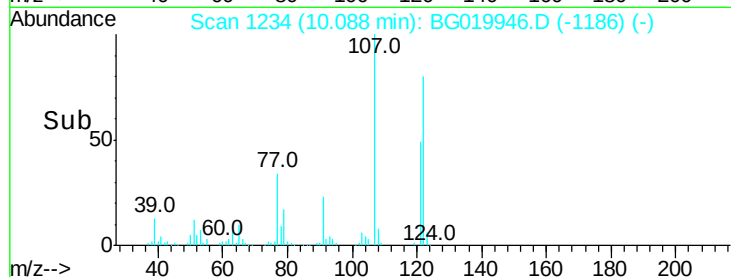
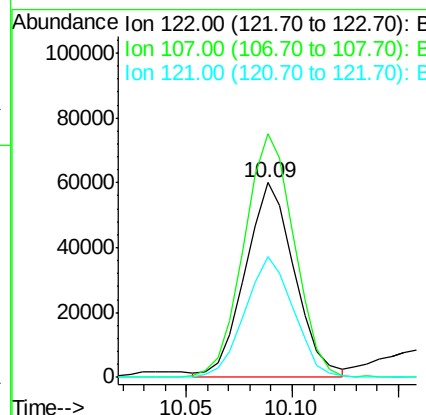
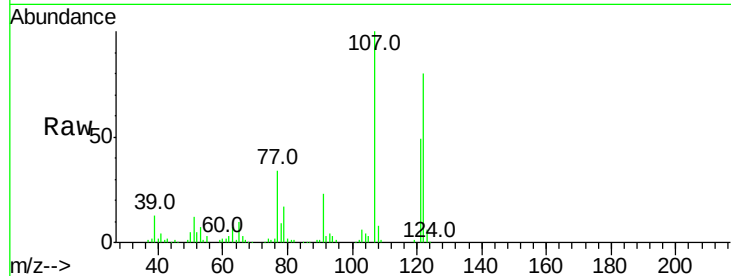
#27
 2,4-Dimethylphenol
 Concen: 25.50 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.1	91.6	137.4
121	61.7	47.3	70.9

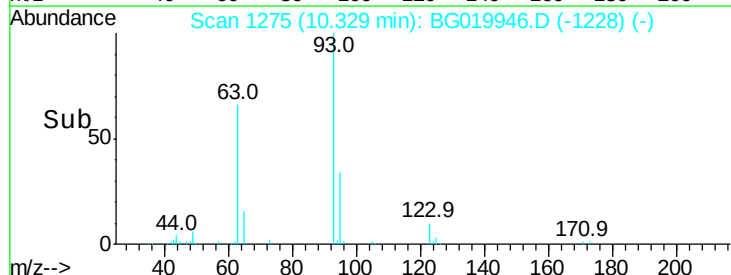
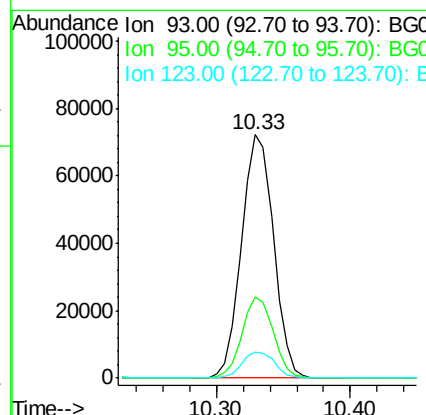
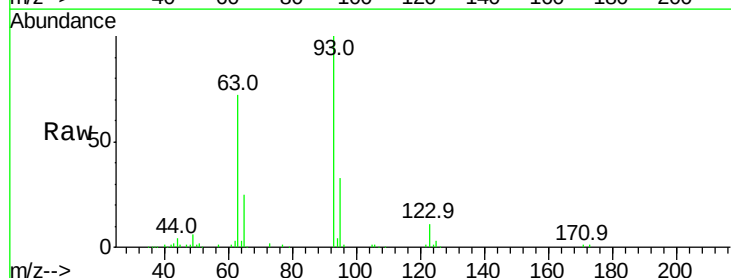
Manual Integrations
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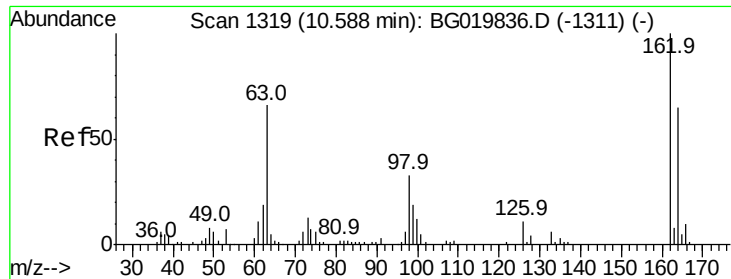
Mmdadoda
 12/7/2015 6:31:40 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 26.13 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.7	38.5
123	10.7	8.6	12.8





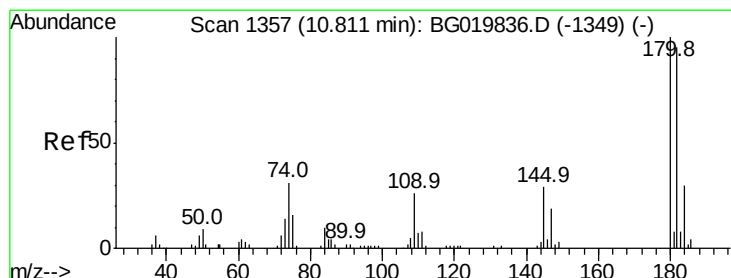
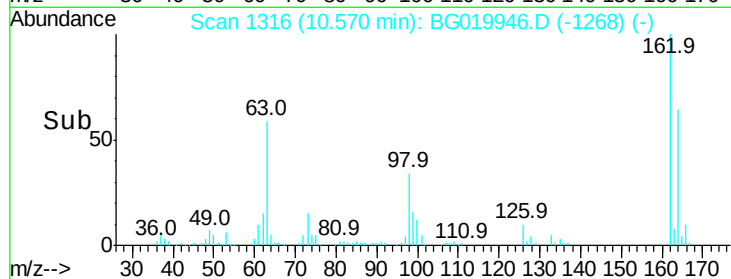
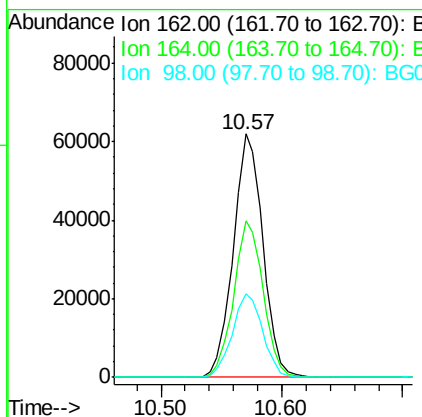
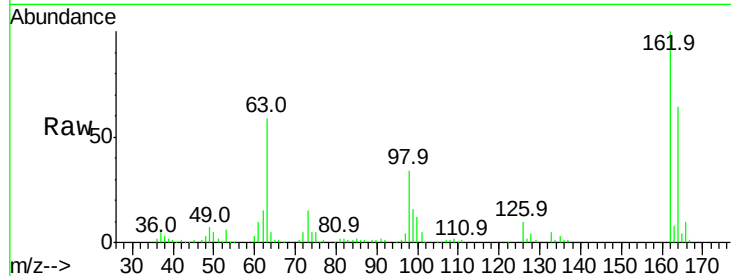
#29
 2,4-Dichlorophenol
 Concen: 27.10 ng
 RT: 10.57 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.2	42.3	82.3
98	34.3	11.5	51.5

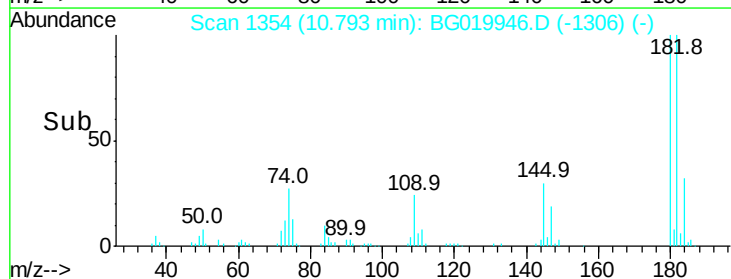
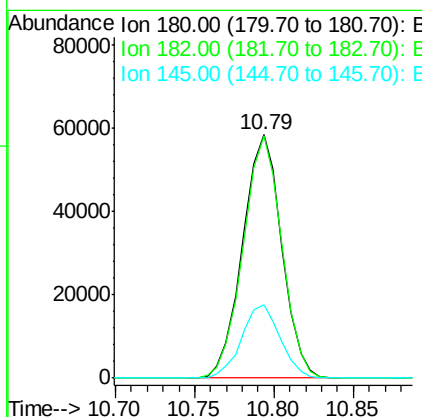
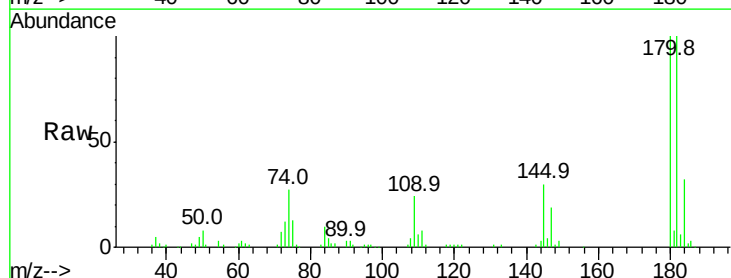
Manual Integrations
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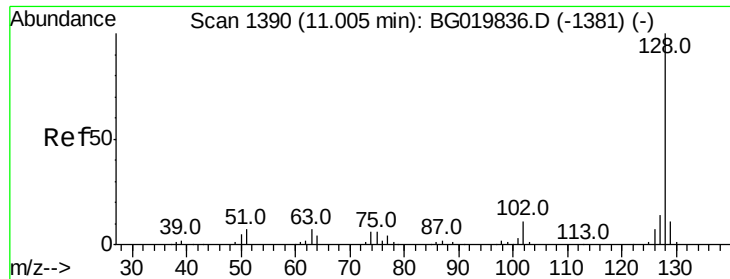
Mmdadoda
 12/7/2015 6:31:40 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 22.72 ng
 RT: 10.79 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	99.5	79.7	119.5
145	30.2	22.0	33.0





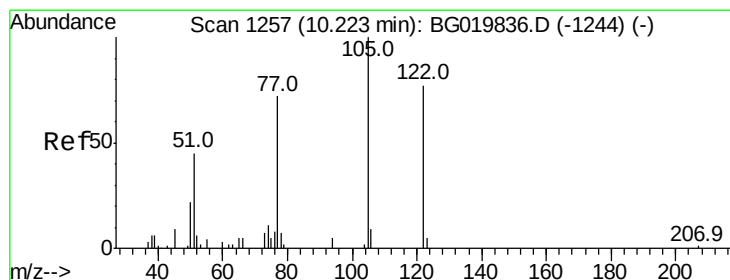
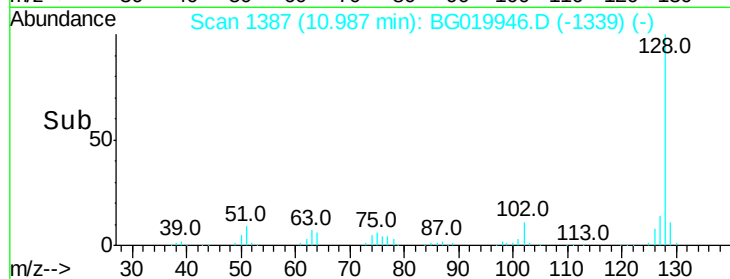
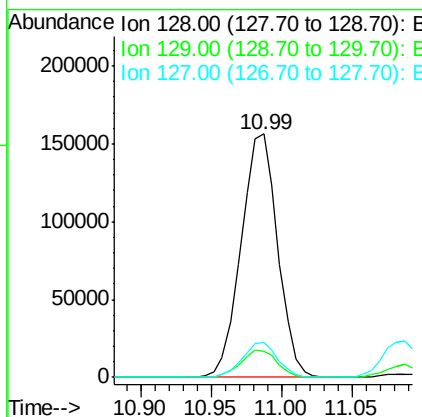
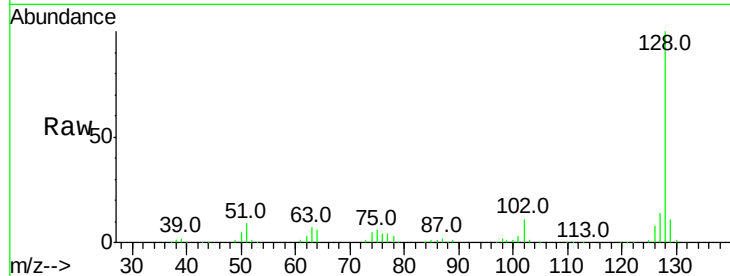
#31
Naphthalene
Concen: 23.60 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87054BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.5	12.7
127	14.2	10.6	16.0

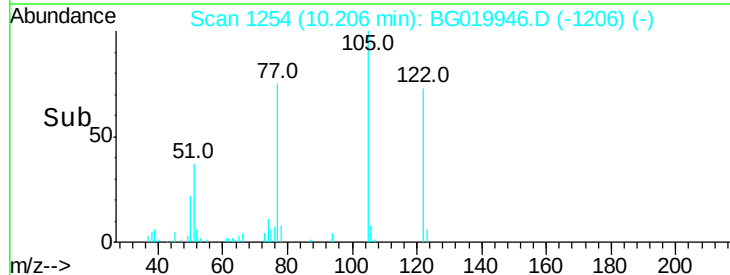
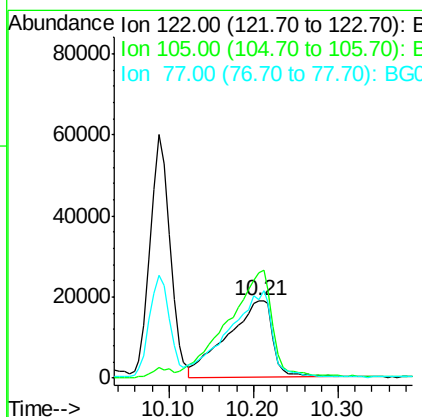
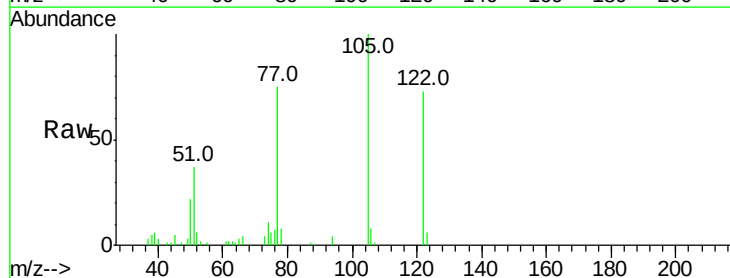
Manual Integrations
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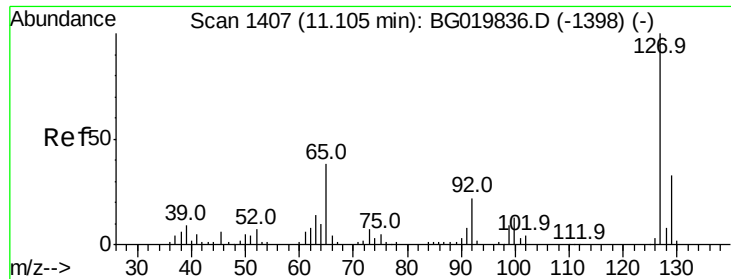
Mmdadoda
12/7/2015 6:31:40 PM



#32
Benzoic acid
Concen: 30.20 ng
RT: 10.21 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.2	103.8	143.8
77	102.1	68.8	108.8





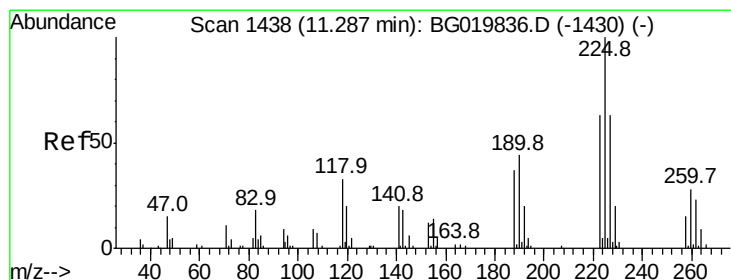
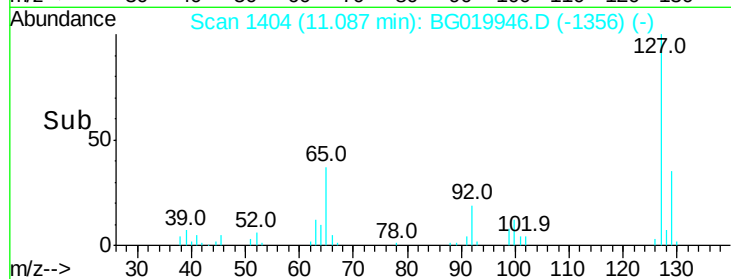
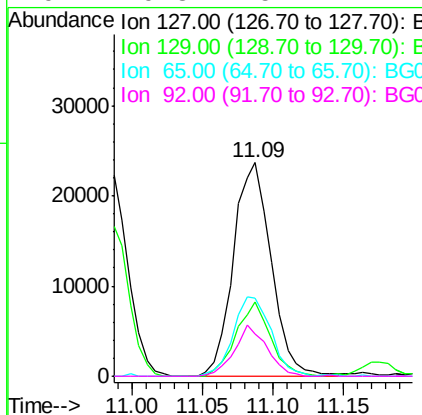
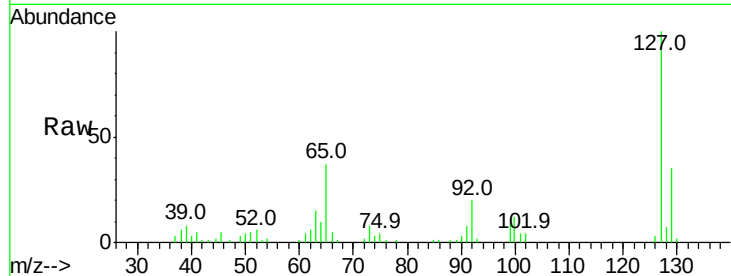
#33
4-Chloroaniline
Concen: 8.43 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87054BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.8	24.6	37.0
65	36.9	22.6	33.8
92	19.8	15.1	22.7

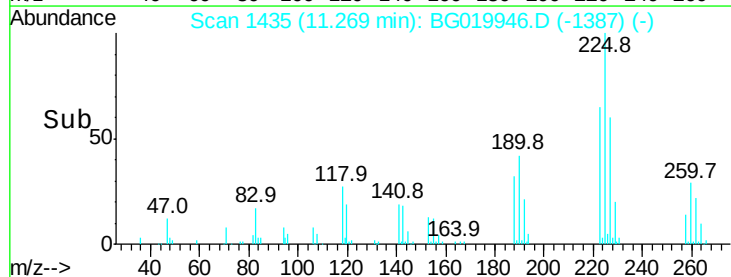
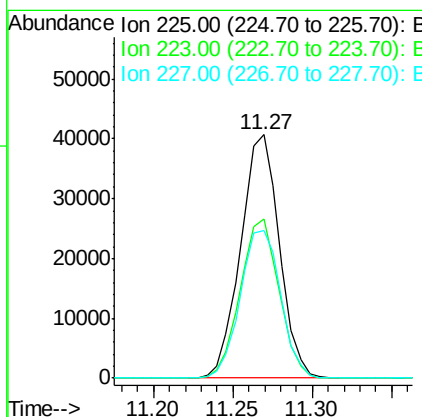
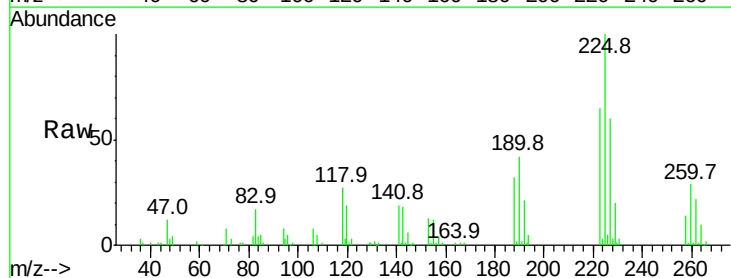
Manual Integrations
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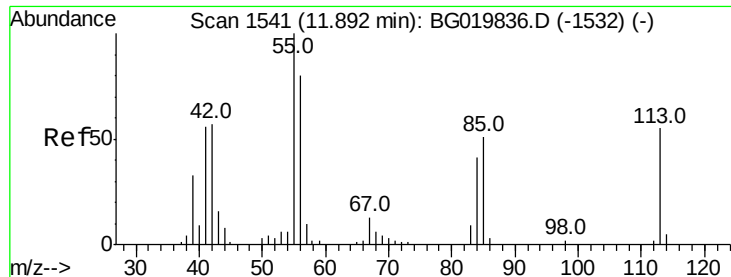
Mmdadoda
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#34
Hexachlorobutadiene
Concen: 21.24 ng
RT: 11.27 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	51.0	76.4
227	60.5	51.8	77.8





#35

Caprolactam

Concen: 25.39 ng/mL

RT: 11.86 min Scan# 1536

Delta R.T. -0.03 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

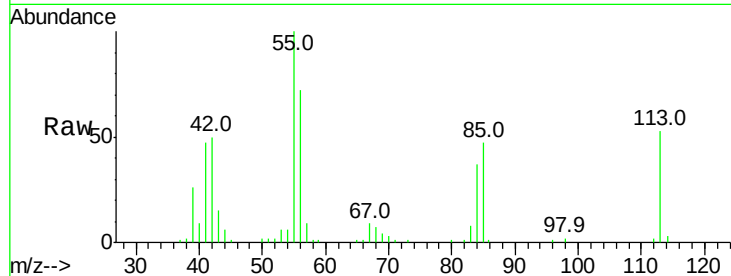
ClientSampleId :

PB87054BS

Tot Ion:	113	Resp:	36813
Ion Ratio	Lower	Upper	
113	100		
55	188.7	135.0	175.0#
56	136.8	83.4	123.4#

Manual Integrations
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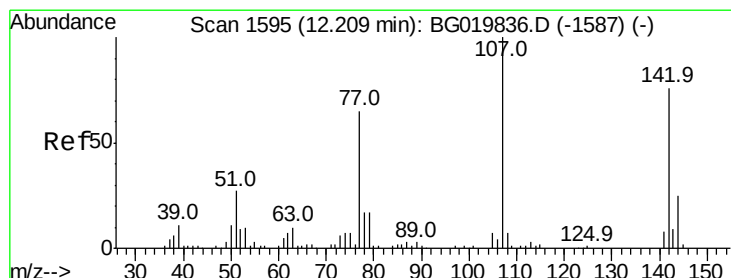
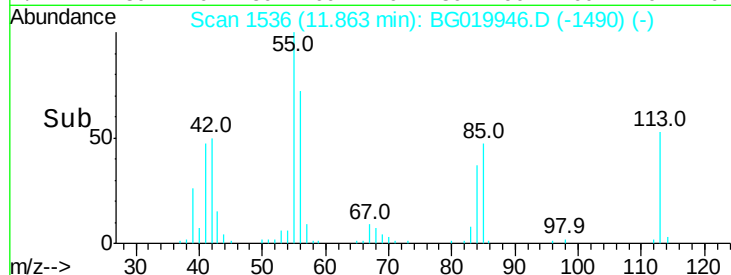
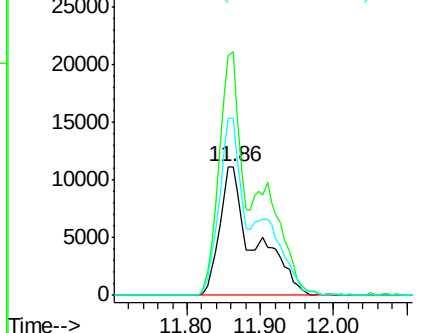
Mmdadoda
12/7/2015 6:31:40 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG019836.D (-1532) (-)

Ion 56.00 (55.70 to 56.70): BG019836.D (-1532) (-)



#36

4-Chloro-3-methylphenol

Concen: 24.91 ng/mL

RT: 12.19 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG019946.D

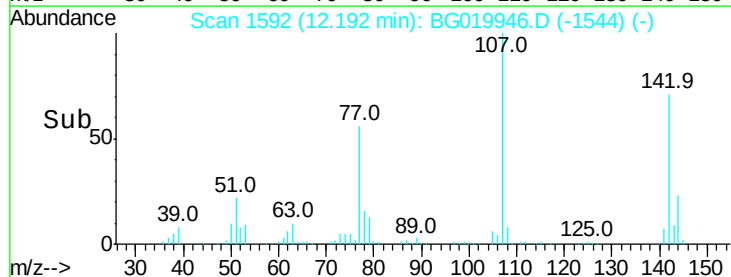
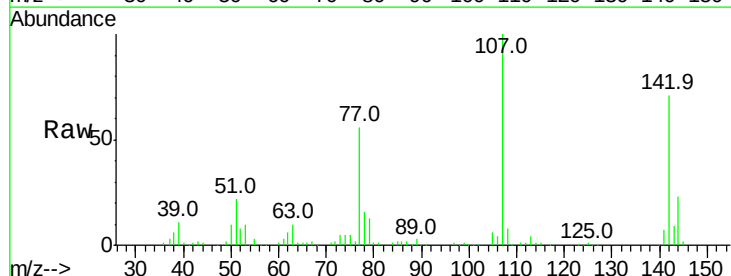
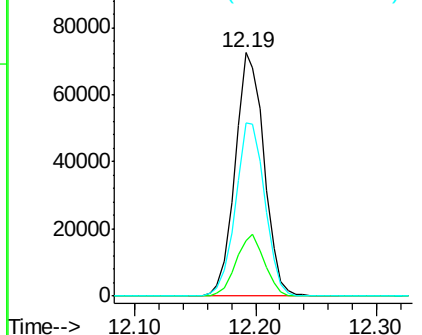
Acq: 5 Dec 2015 17:39

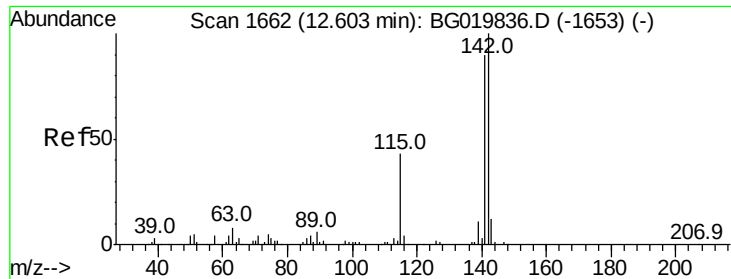
Tgt Ion:	107	Resp:	120839
Ion Ratio	Lower	Upper	
107	100		
144	23.0	20.6	31.0
142	71.4	62.6	93.8

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





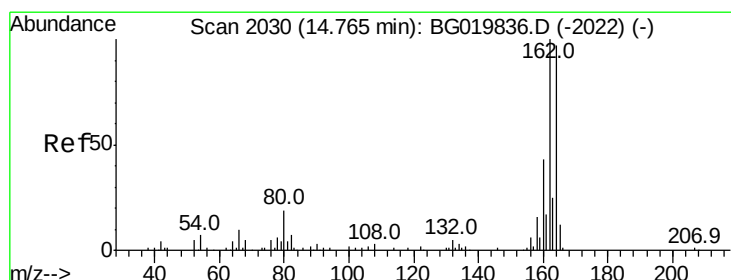
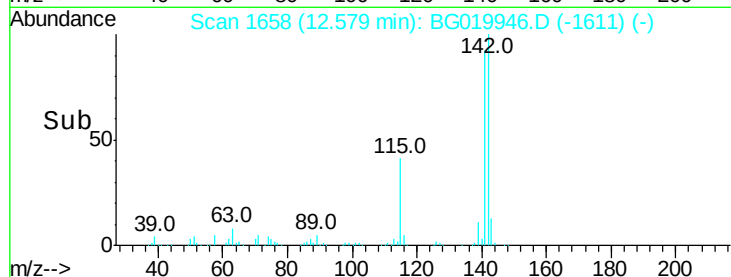
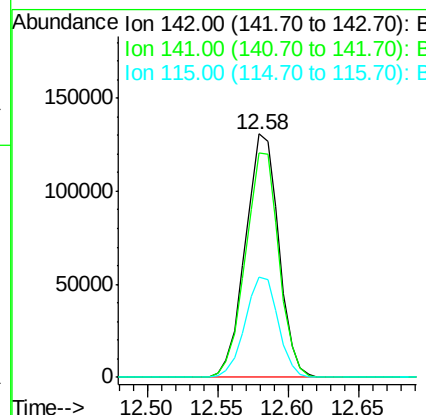
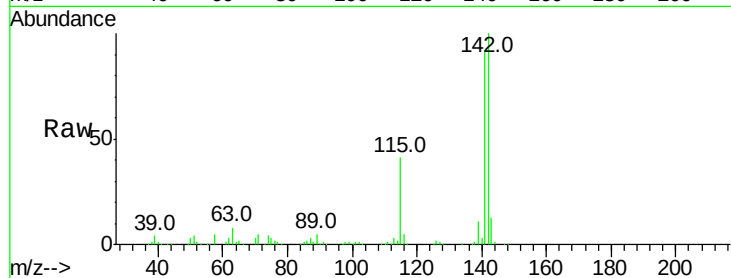
#37
2-Methylnaphthalene
Concen: 24.69 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87054BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	216139		
141	92.4	74.6	112.0	
115	41.1	27.4	41.0	

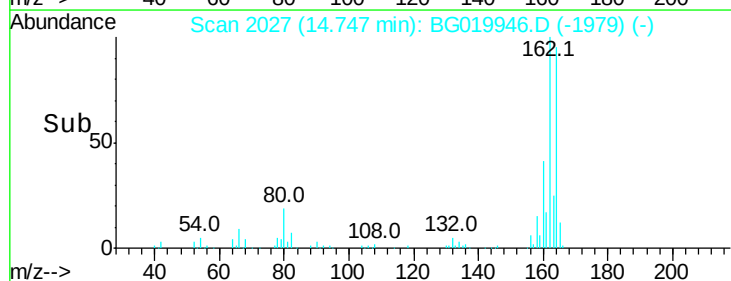
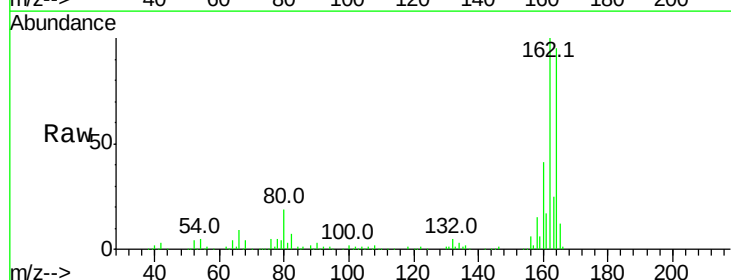
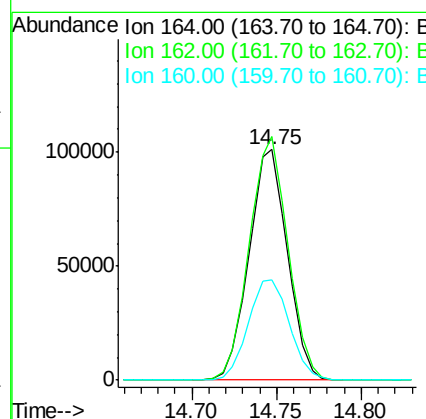
Manual Integrations
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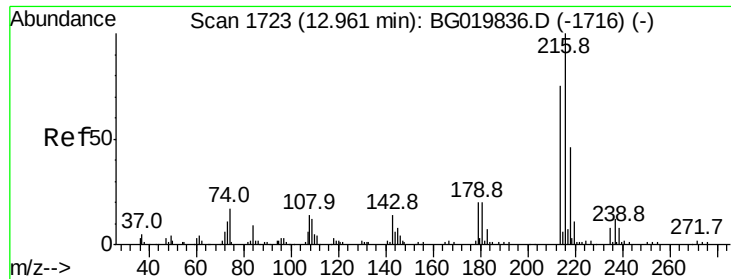
Mmdadoda
12/7/2015 6:31:40 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	159312		
162	105.5	78.8	118.2	
160	43.5	36.4	54.6	





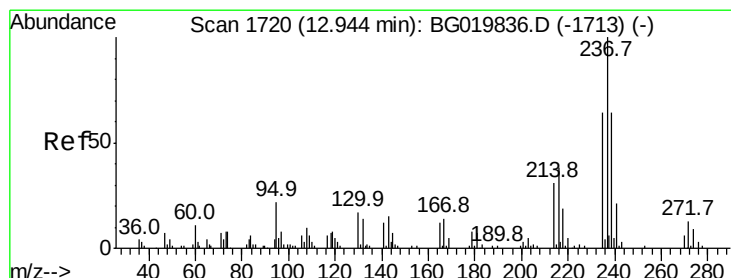
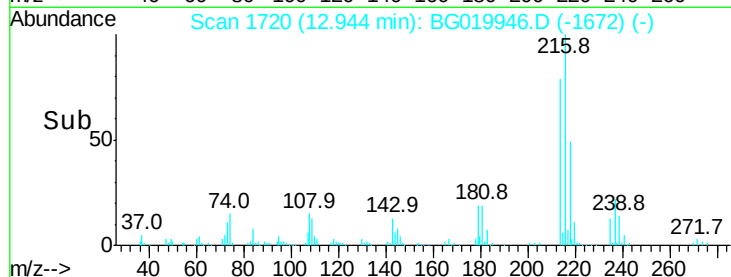
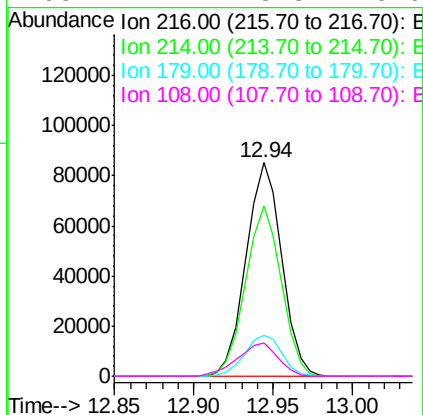
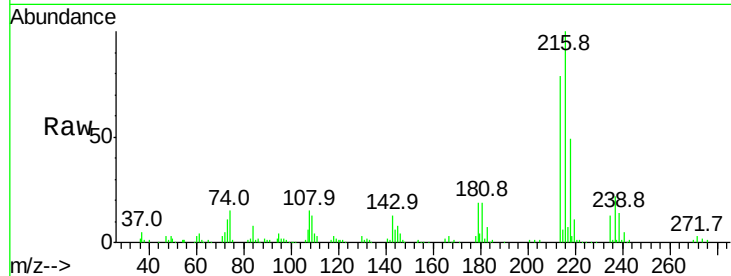
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 22.00 ng
 RT: 12.94 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.9	62.5	93.7	
179	19.8	15.6	23.4	
108	17.7	13.3	19.9	

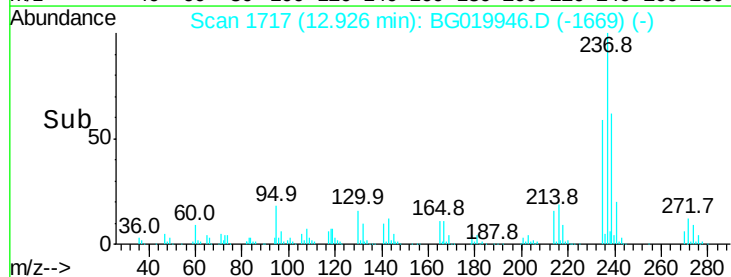
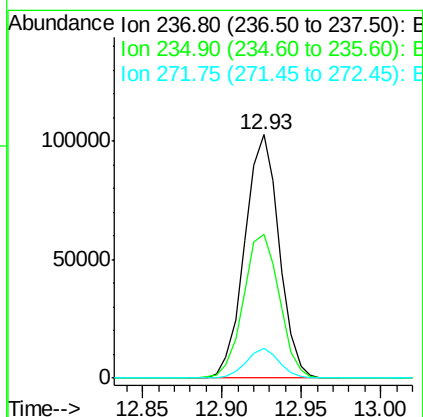
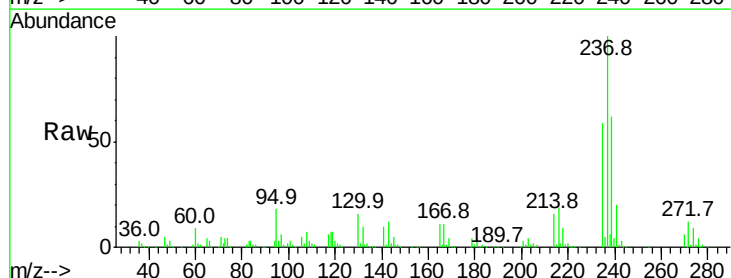
Manual Integrations
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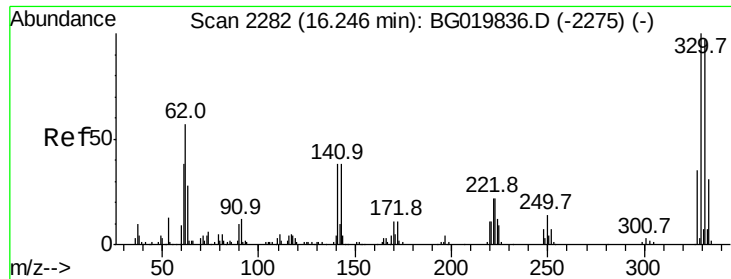
Mmdadoda
 12/7/2015 6:31:40 PM



#40
 Hexachlorocyclopentadiene
 Concen: 44.90 ng
 RT: 12.93 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	59.3	44.6	84.6	
272	12.1	0.0	32.8	





#41

2,4,6-Tribromophenol

Concen: 71.89 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

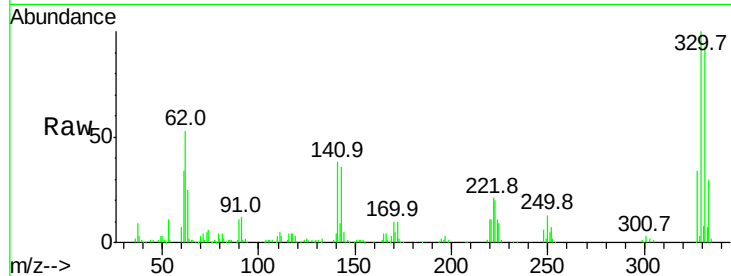
ClientSampleId :

PB87054BS

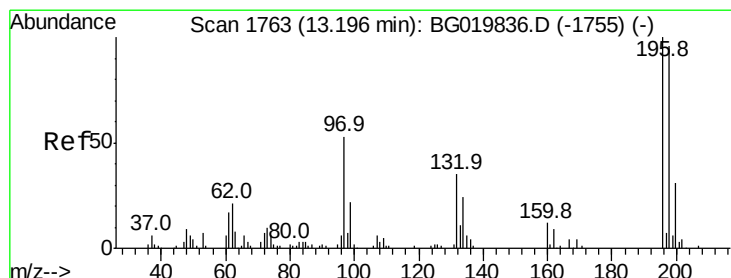
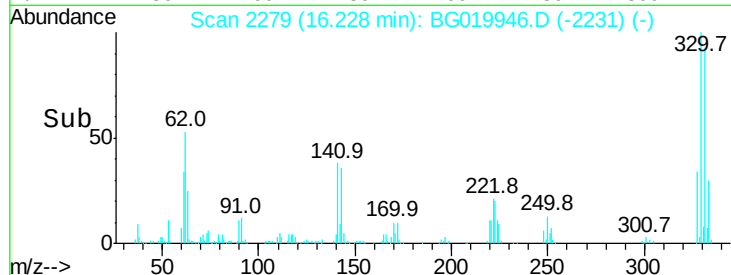
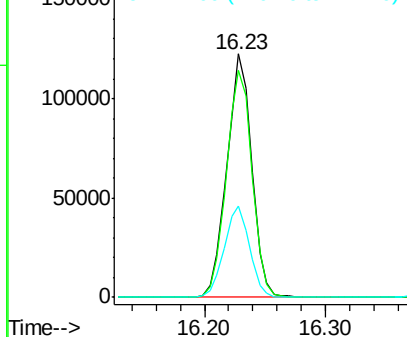
Tot Ion:	330	Resp:	175250
Ion Ratio	Lower	Upper	
330	100		
332	96.2	78.1	117.1
141	38.0	28.2	42.2

Manual Integrations
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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: 23.79 ng

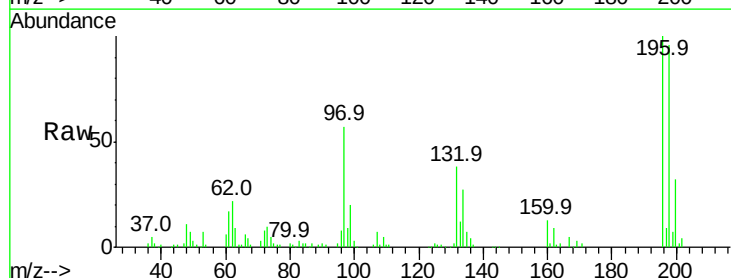
RT: 13.18 min Scan# 1760

Delta R.T. -0.02 min

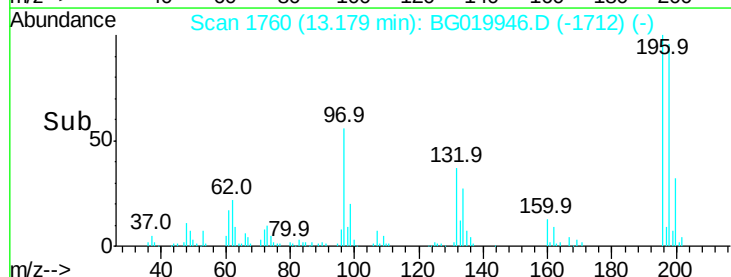
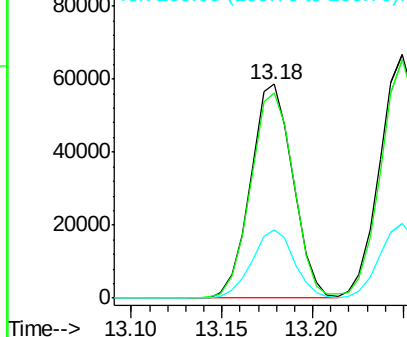
Lab File: BG019946.D

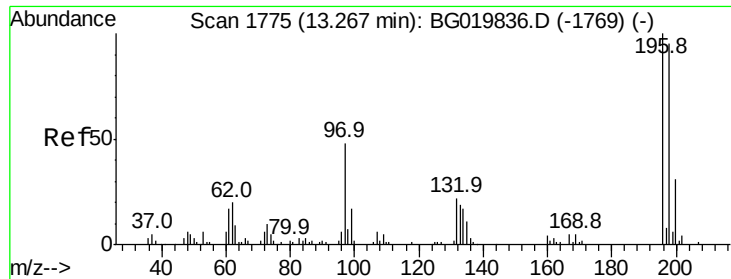
Acq: 5 Dec 2015 17:39

Tgt Ion:	196	Resp:	95237
Ion Ratio	Lower	Upper	
196	100		
198	96.1	74.7	112.1
200	31.7	24.1	36.1



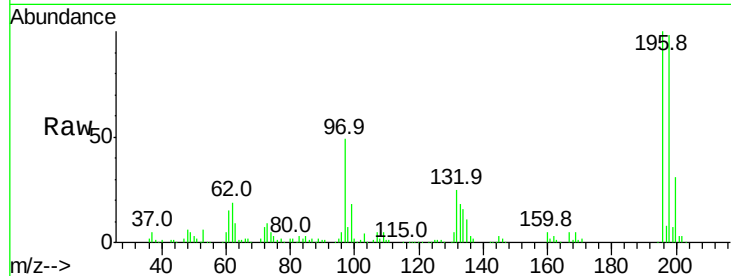
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 25.59 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

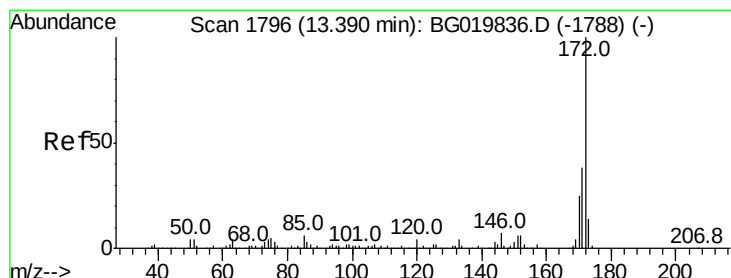
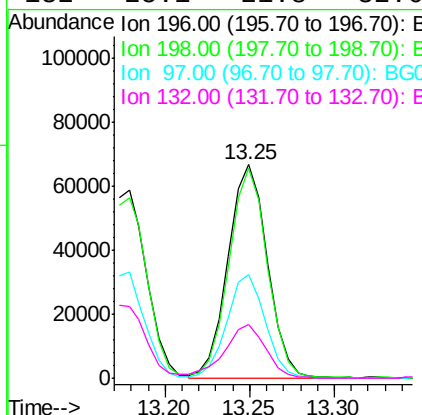
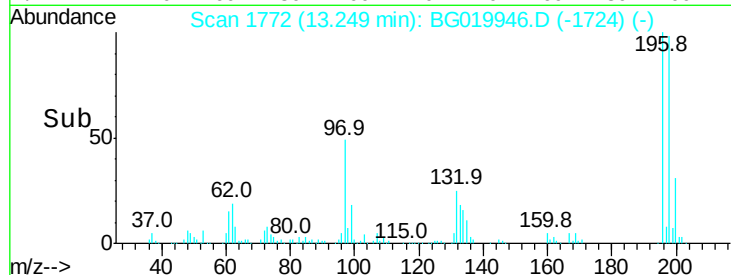
Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS



Tot Ion:	196	Resp:	108247
Ion Ratio	Lower	Upper	
196	100		
198	98.0	75.2	112.8
97	48.7	34.2	51.2
132	25.1	21.8	32.6

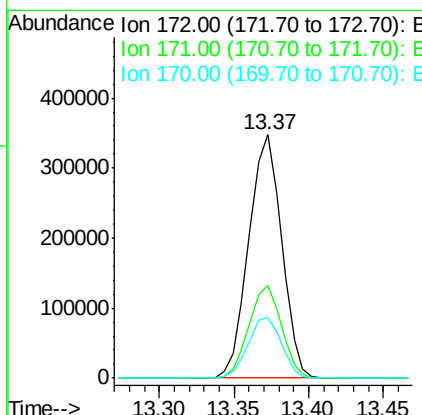
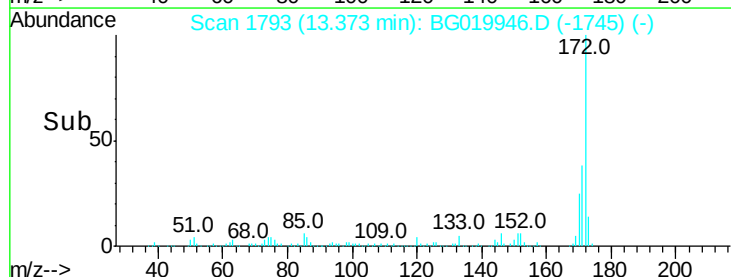
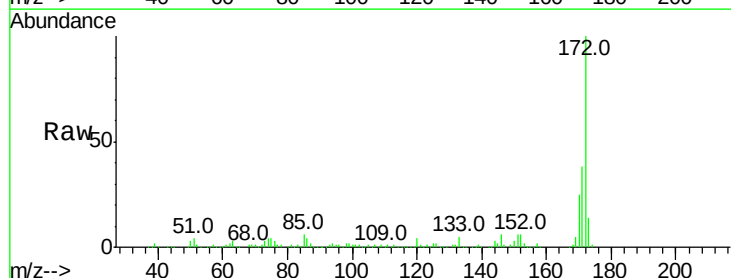
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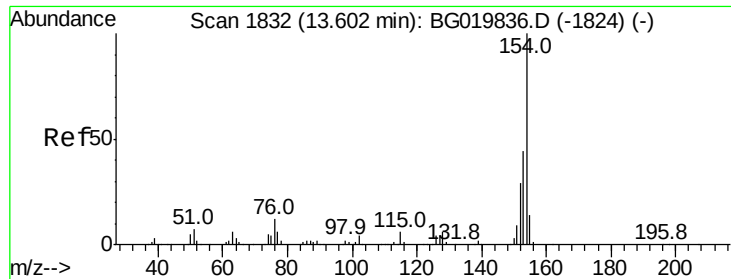
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#44
 2-Fluorobiphenyl
 Concen: 45.23 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion:	172	Resp:	527766
Ion Ratio	Lower	Upper	
172	100		
171	38.2	29.0	43.6
170	24.8	19.9	29.9





#45

1,1'-Biphenyl

Concen: 21.93 ng

RT: 13.58 min Scan# 1829

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

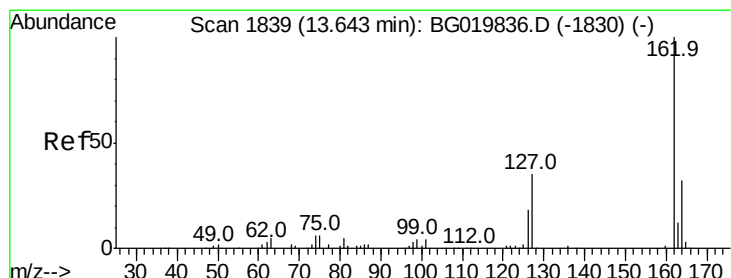
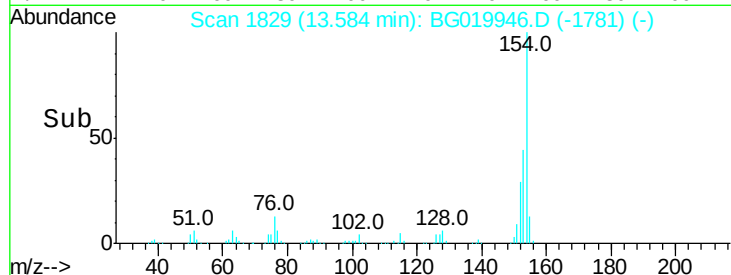
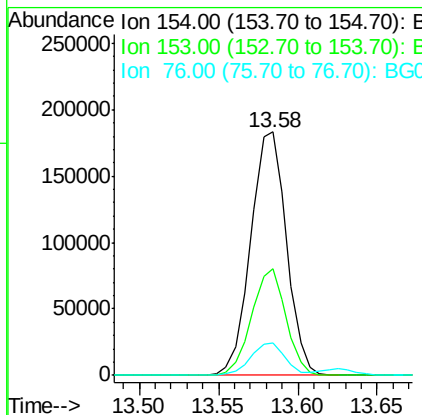
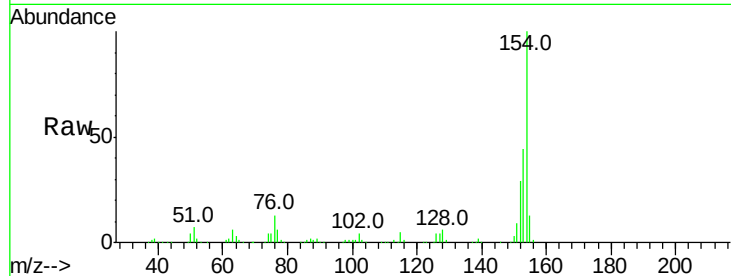
ClientSampleId :

PB87054BS

Tot Ion:	154	Resp:	286743
Ion Ratio	Lower	Upper	
154	100		
153	43.7	21.9	61.9
76	13.5	0.0	33.2

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#46

2-Chloronaphthalene

Concen: 23.14 ng

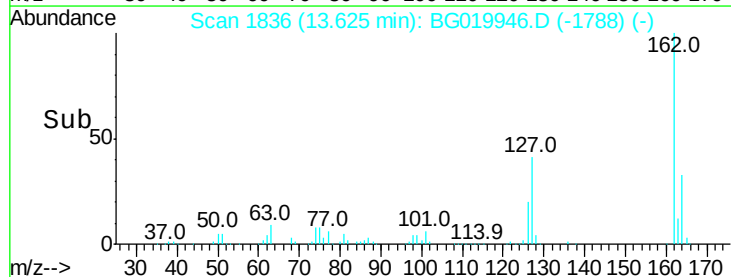
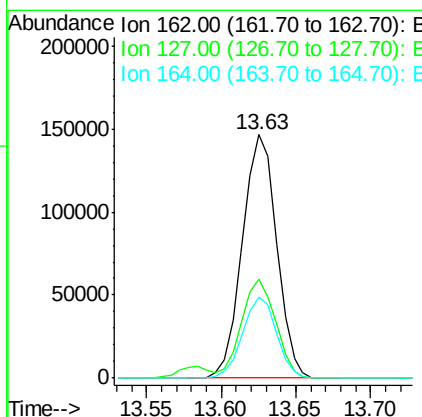
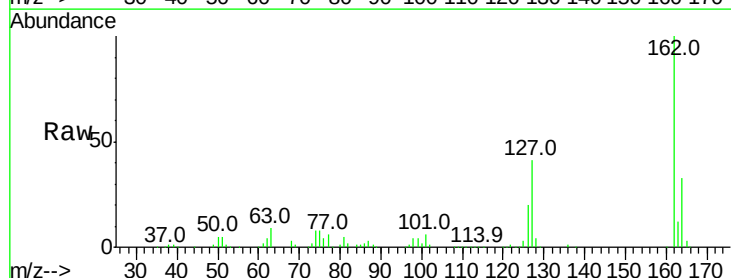
RT: 13.63 min Scan# 1836

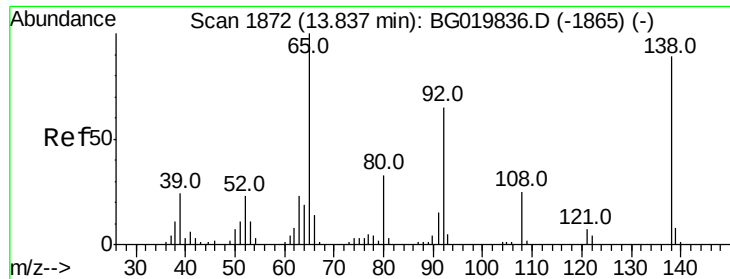
Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Tgt Ion:	162	Resp:	233213
Ion Ratio	Lower	Upper	
162	100		
127	40.5	28.3	42.5
164	33.1	27.4	41.0





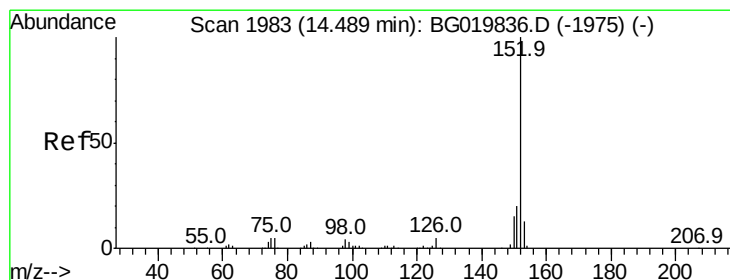
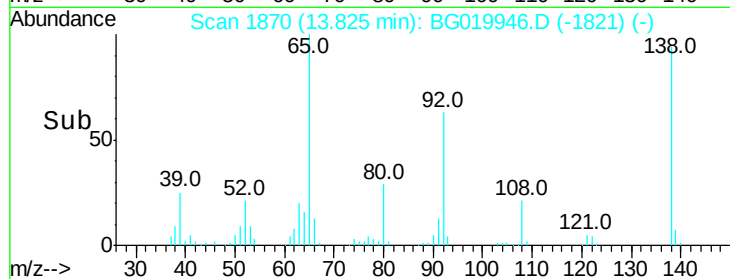
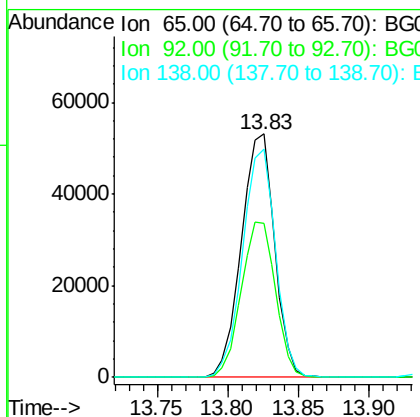
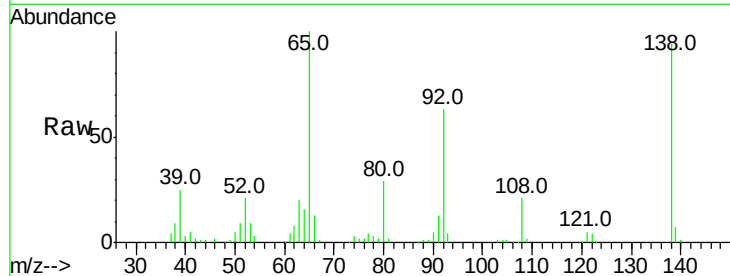
#47
 2-Nitroaniline
 Concen: 27.58 ng
 RT: 13.83 min Scan# 1870
 Delta R.T. -0.01 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.3	54.8	82.2
138	93.9	89.6	134.4

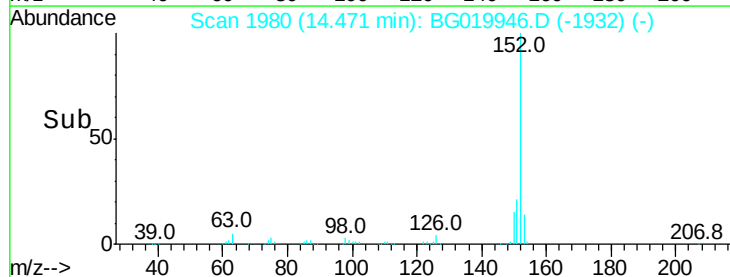
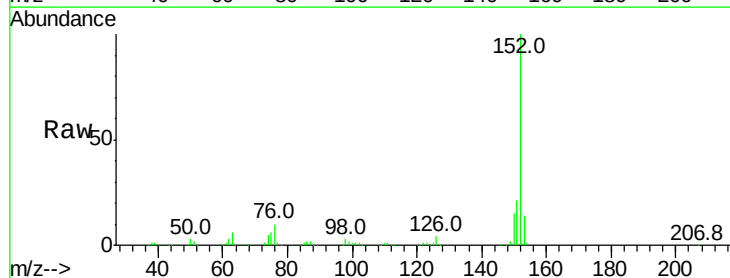
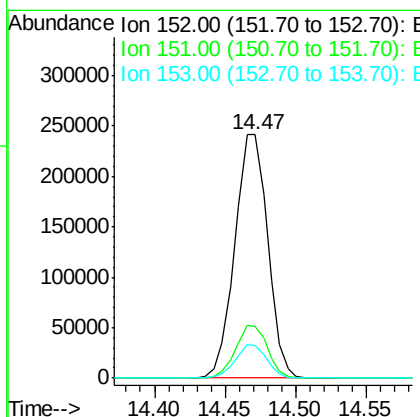
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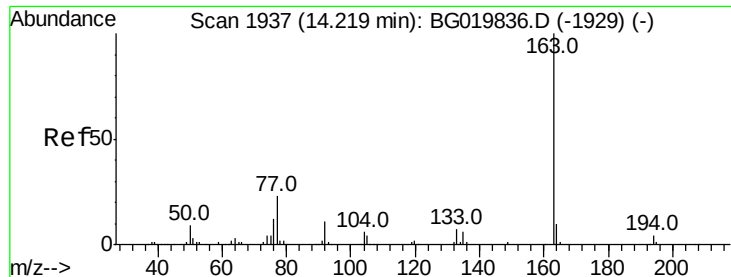
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#48
 Acenaphthylene
 Concen: 22.87 ng
 RT: 14.47 min Scan# 1980
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.0	25.4
153	13.5	10.4	15.6





#49

Dimethylphthalate

Concen: 22.67 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

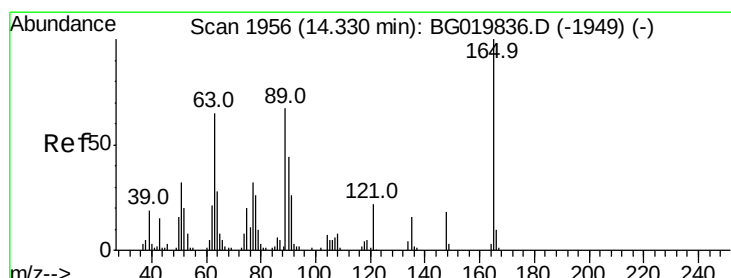
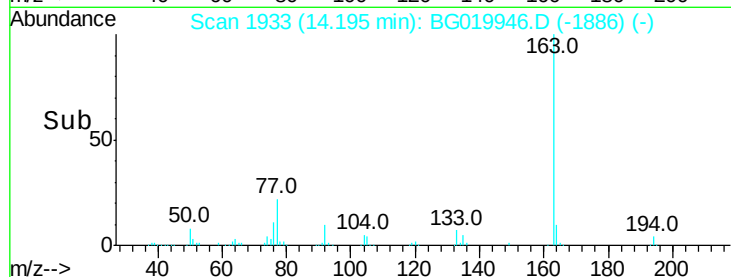
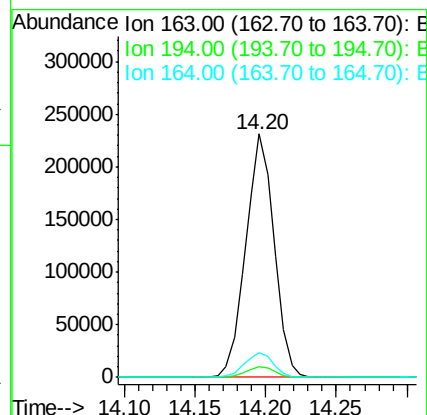
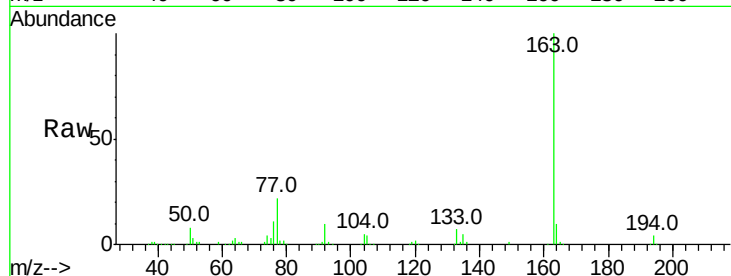
ClientSampleId :

PB87054BS

Tot Ion:	163	Resp:	324826
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.1	4.7
164	10.2	8.8	13.2

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 26.45 ng

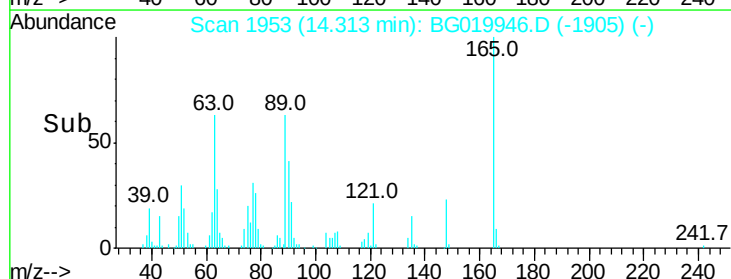
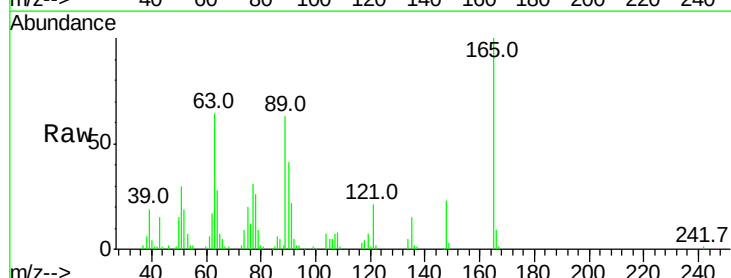
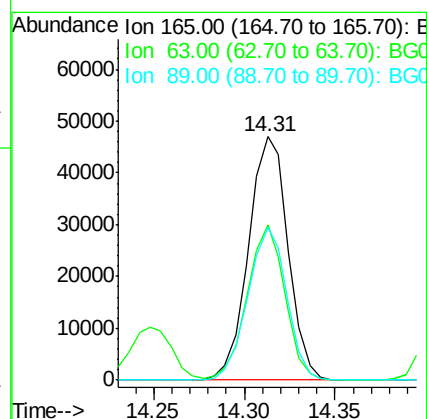
RT: 14.31 min Scan# 1953

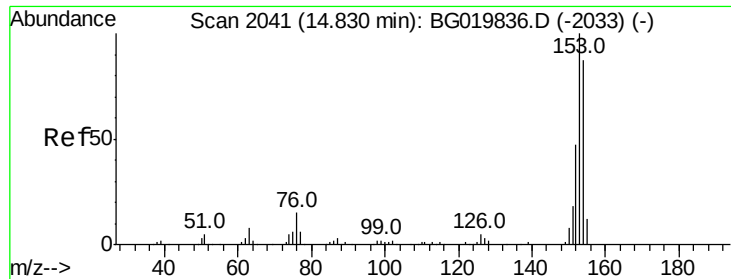
Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Tgt Ion:	165	Resp:	71259
Ion Ratio	Lower	Upper	
165	100		
63	63.6	35.7	53.5#
89	62.8	39.7	59.5#





#51

Acenaphthene

Concen: 26.43 ng/mL

RT: 14.81 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

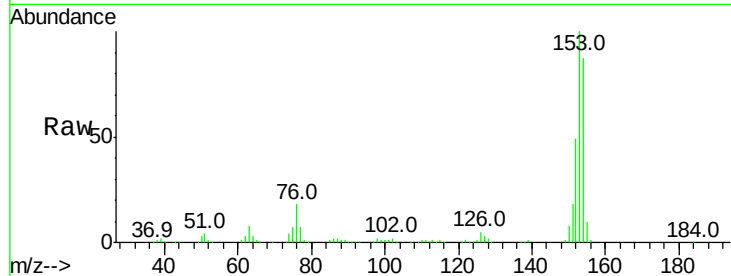
ClientSampleId :

PB87054BS

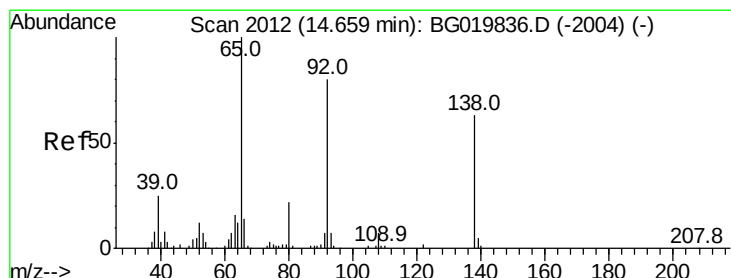
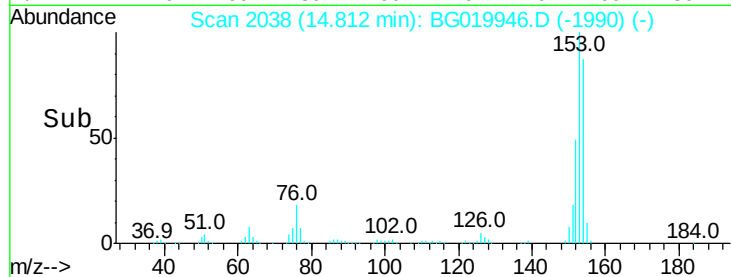
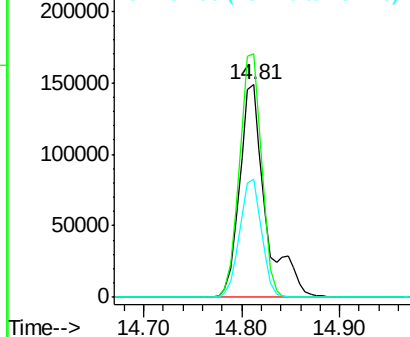
Tot Ion:	154	Resp:	275295
Ion Ratio	Lower	Upper	
154	100		
153	114.5	92.9	139.3
152	55.7	45.8	68.8

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



#52

3-Nitroaniline

Concen: 17.02 ng/mL

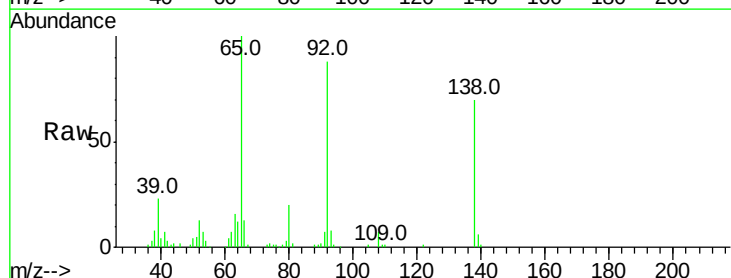
RT: 14.64 min Scan# 2009

Delta R.T. -0.02 min

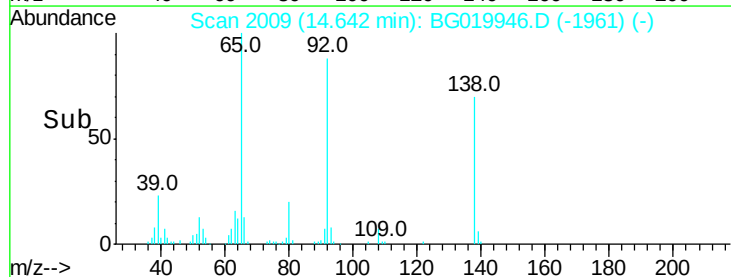
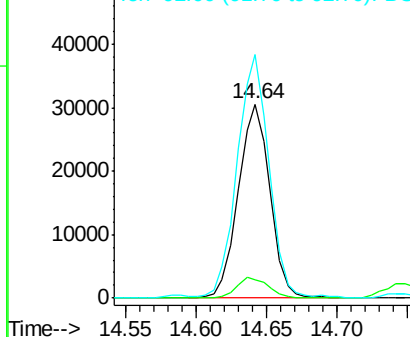
Lab File: BG019946.D

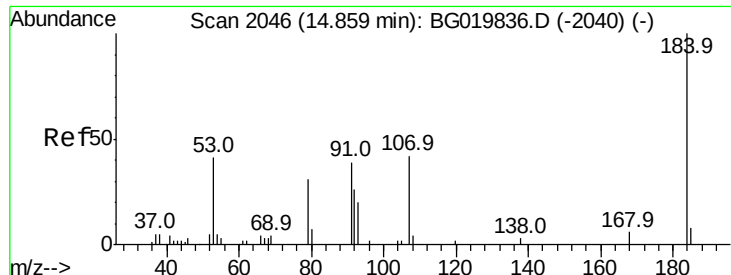
Acq: 5 Dec 2015 17:39

Tgt Ion:	138	Resp:	47655
Ion Ratio	Lower	Upper	
138	100		
108	9.3	7.9	11.9
92	125.5	94.2	141.4



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





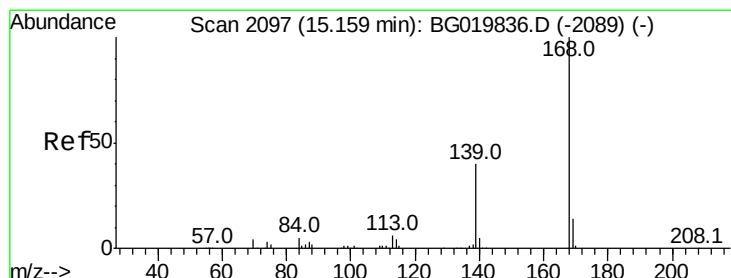
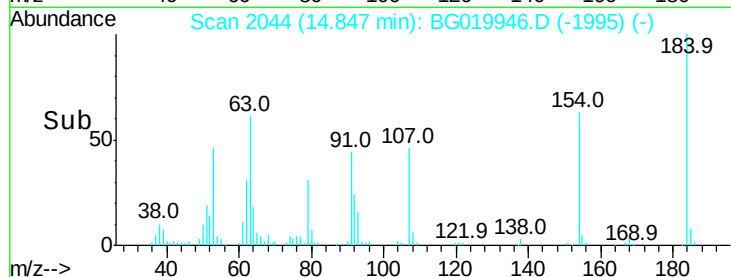
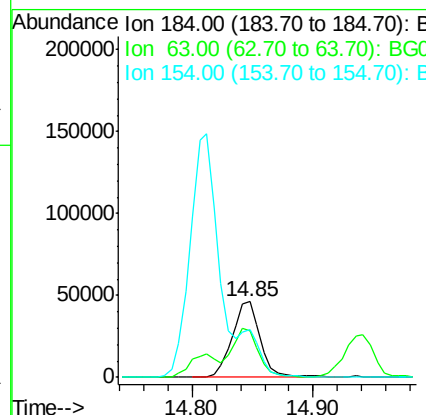
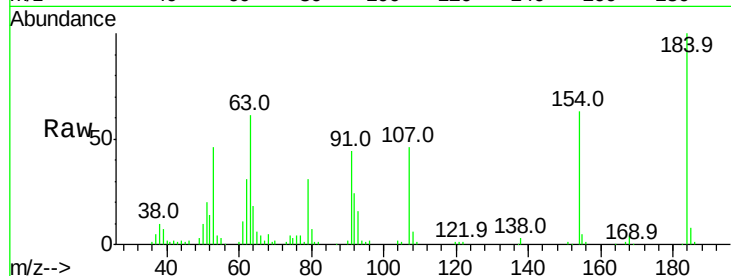
#53
 2,4-Dinitrophenol
 Concen: 55.24 ng
 RT: 14.85 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.5	42.7	64.1
154	63.0	44.3	66.5

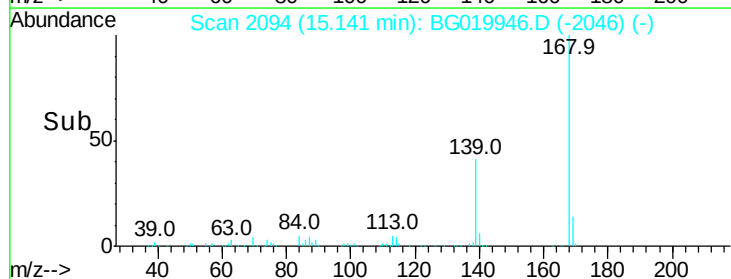
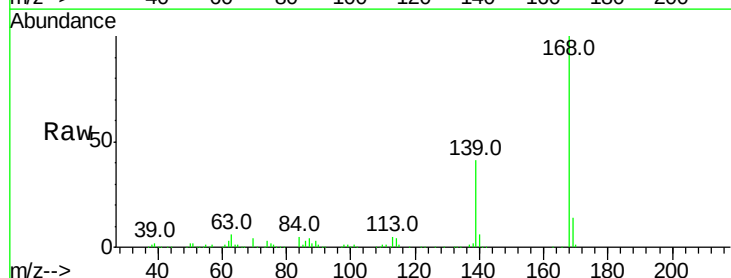
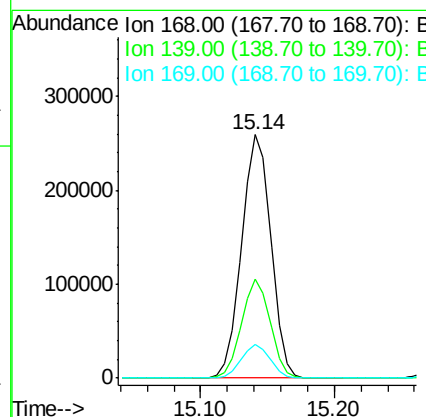
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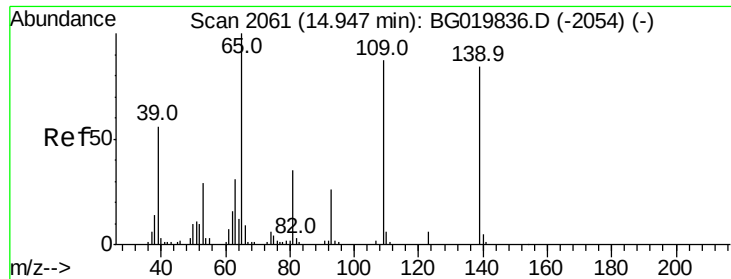
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#54
 Dibenzofuran
 Concen: 25.29 ng
 RT: 15.14 min Scan# 2094
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.9	27.4	41.0
169	13.7	11.0	16.4





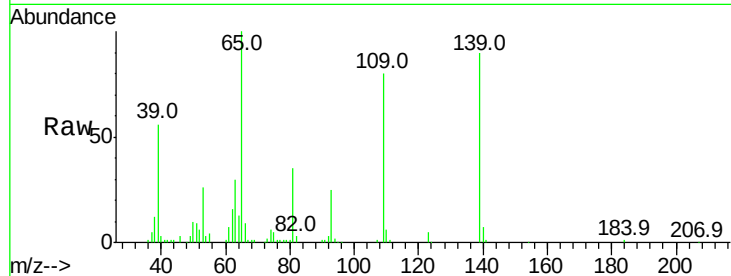
#55
4-Nitrophenol
Concen: 51.79 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87054BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	89.1	43.2	83.2#	
65	111.2	67.8	107.8#	

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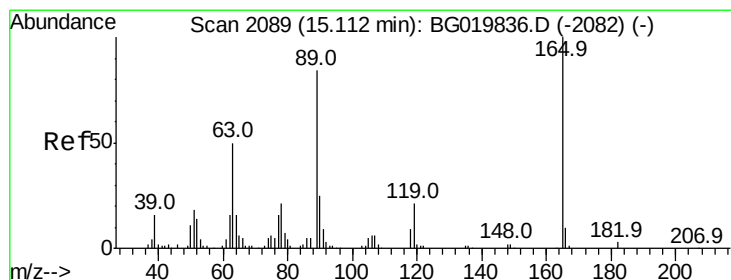
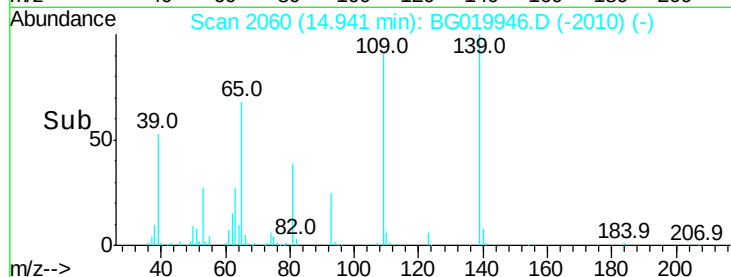
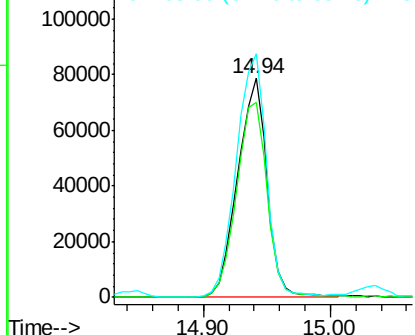


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56
2,4-Dinitrotoluene
Concen: 28.25 ng
RT: 15.09 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.6	31.0	46.4#	
89	73.3	54.4	81.6	
182	2.6	1.6	2.4#	

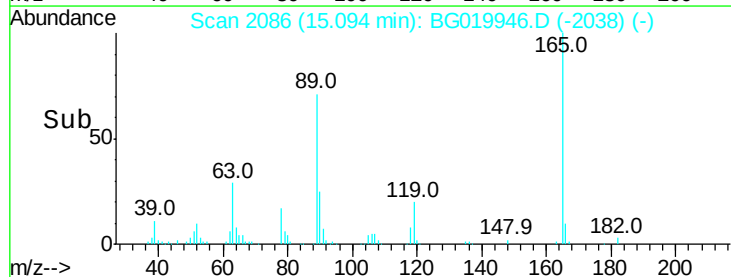
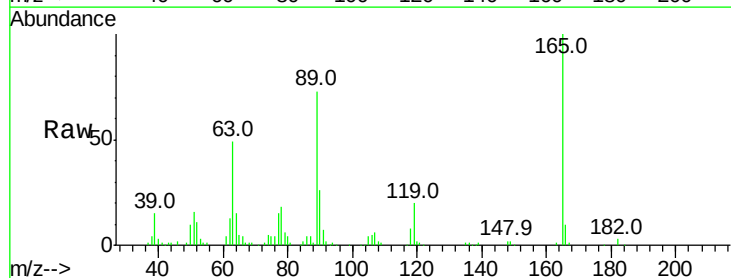
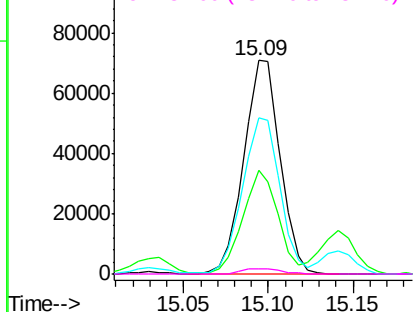
Abundance

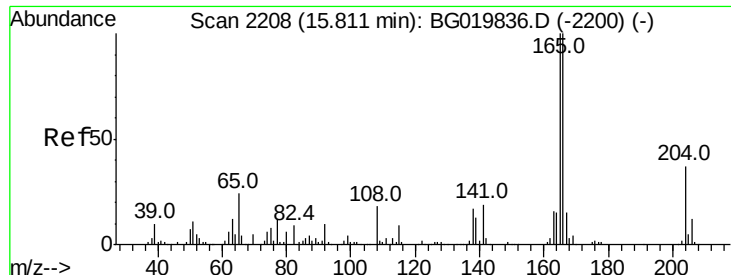
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 23.21 ng

RT: 15.79 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

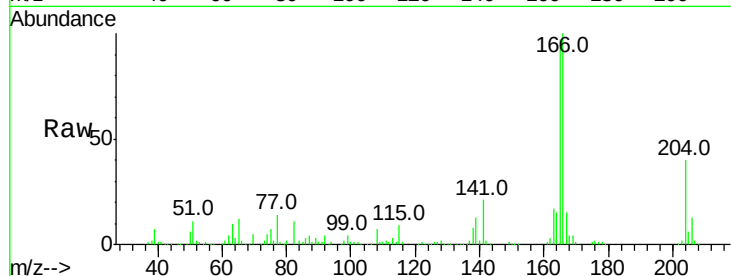
ClientSampleId :

PB87054BS

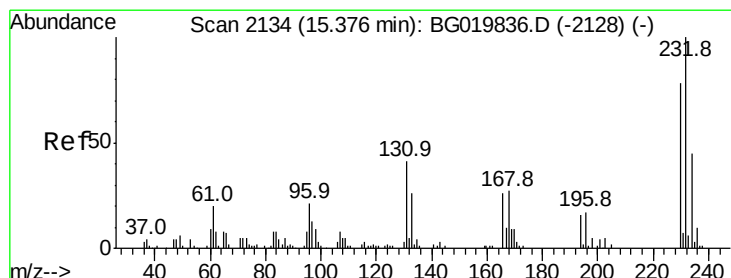
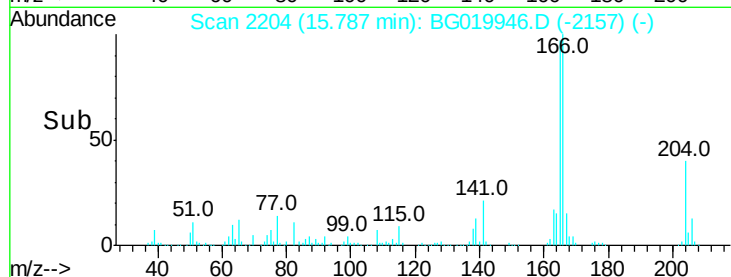
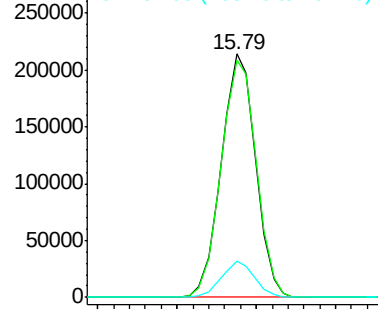
Tot Ion:	166	Resp:	321848
Ion Ratio	Lower	Upper	
166	100		
165	97.3	80.0	120.0
167	14.7	11.1	16.7

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.14 ng

RT: 15.36 min Scan# 2132

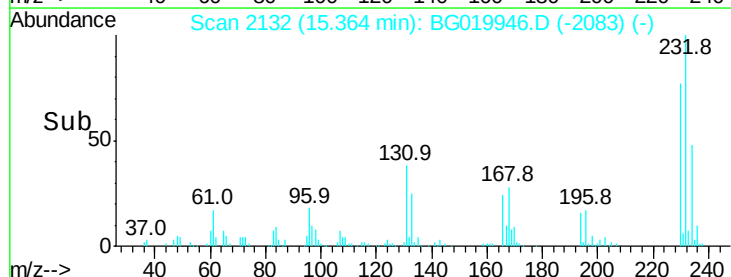
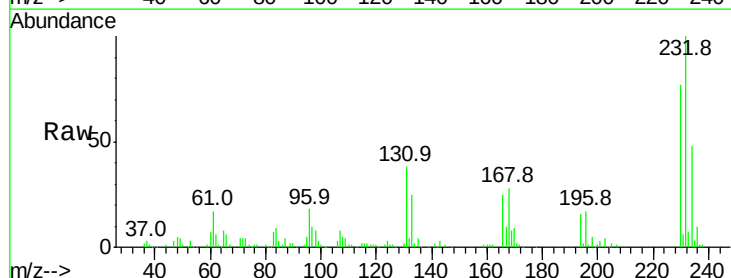
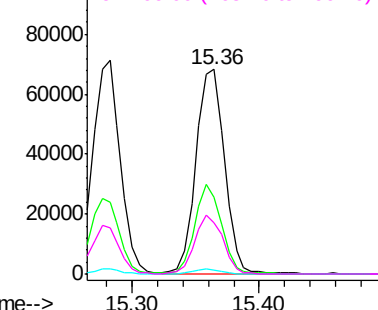
Delta R.T. -0.01 min

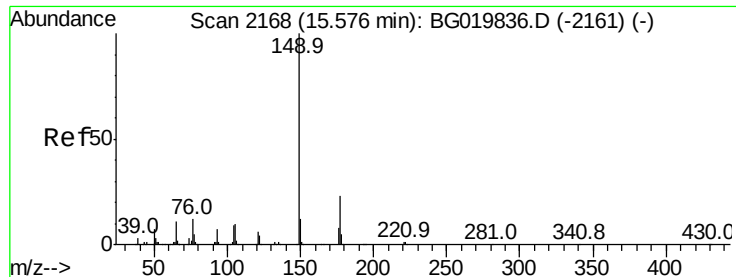
Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Tgt Ion:	232	Resp:	106269
Ion Ratio	Lower	Upper	
232	100		
131	41.4	33.0	49.6
130	2.3	2.0	3.0
166	28.1	24.1	36.1

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





#59

Diethylphthalate

Concen: 22.09 ng

RT: 15.55 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

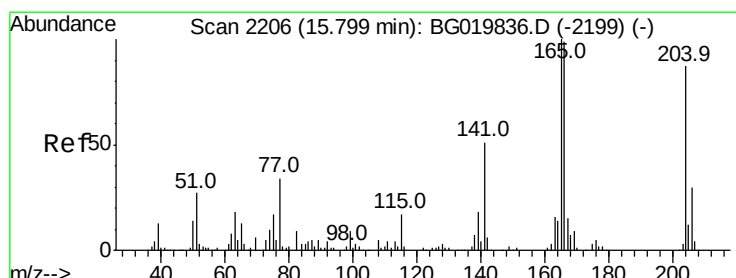
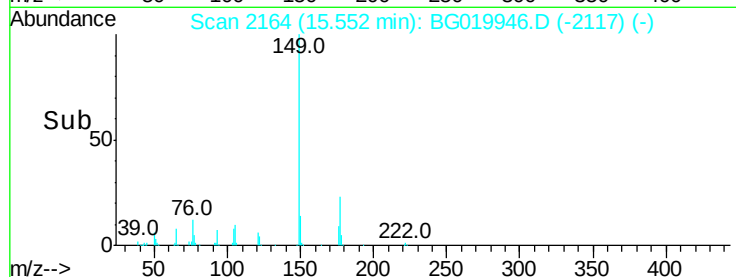
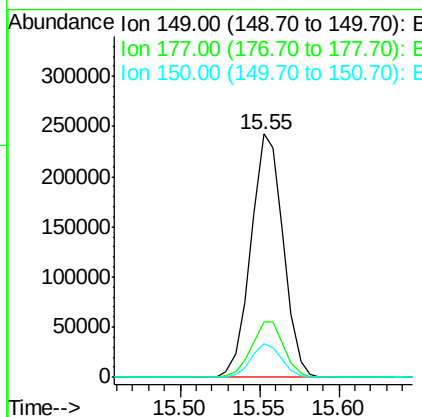
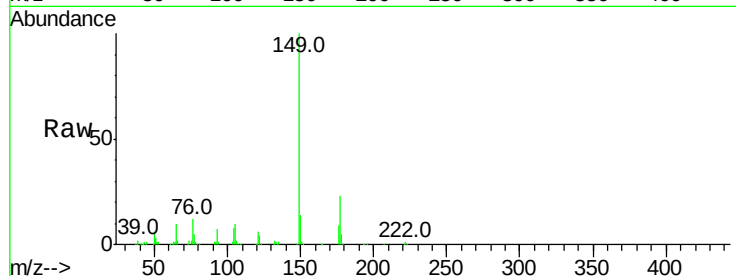
ClientSampleId :

PB87054BS

Tot Ion:	149	Resp:	342545
Ion Ratio	Lower	Upper	
149	100		
177	22.9	19.6	29.4
150	13.7	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 22.13 ng

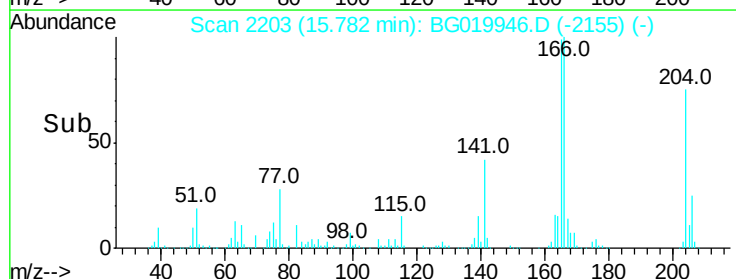
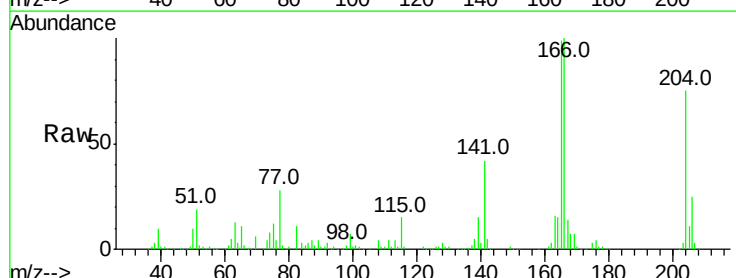
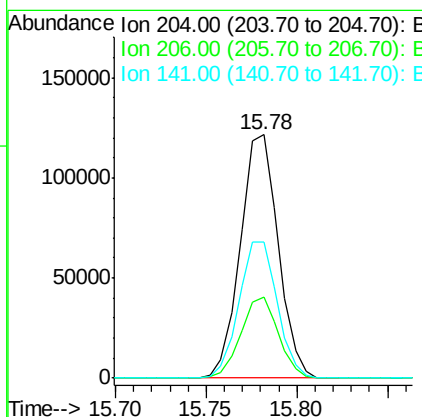
RT: 15.78 min Scan# 2203

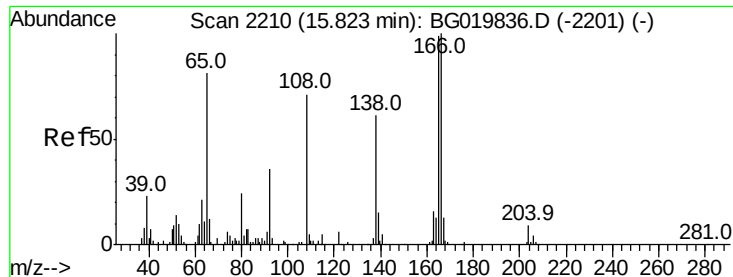
Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Tgt Ion:	204	Resp:	176265
Ion Ratio	Lower	Upper	
204	100		
206	33.3	28.3	42.5
141	56.1	44.0	66.0





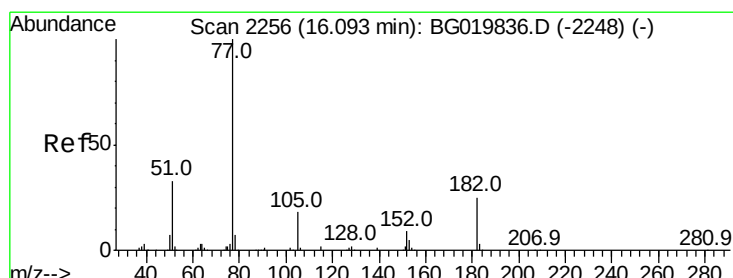
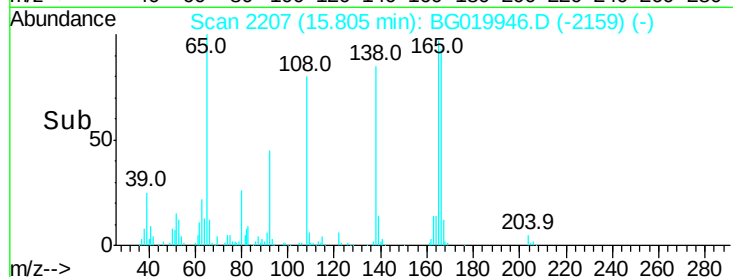
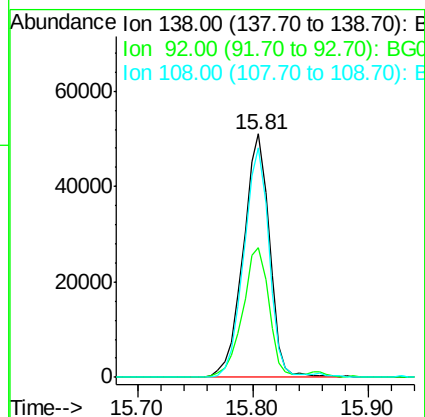
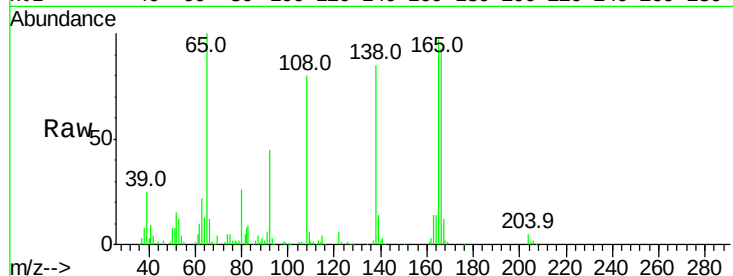
#61
4-Nitroaniline
Concen: 25.62 ng
RT: 15.81 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87054BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	53.2	29.1	69.1	
108	94.5	49.8	89.8	

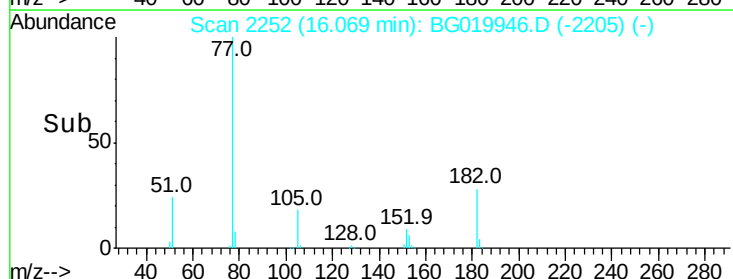
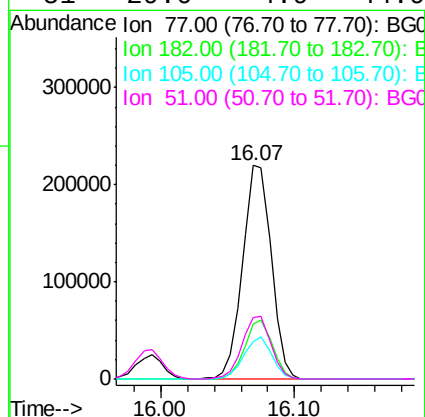
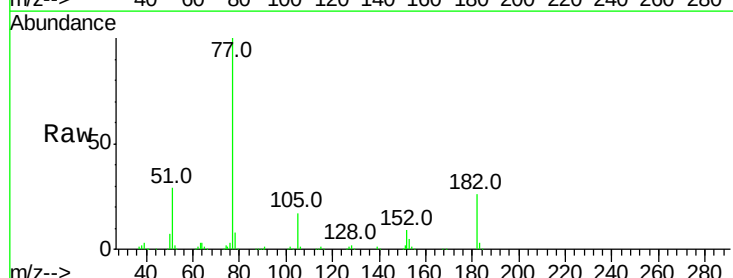
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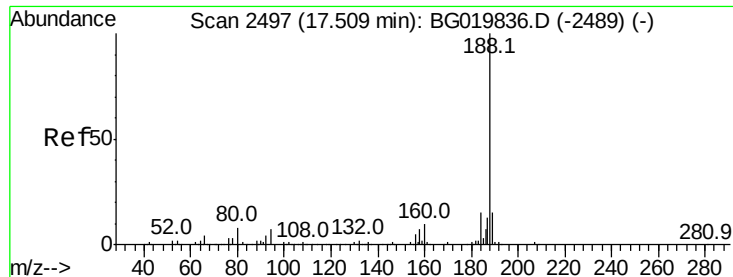
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12/7/2015 6:31:40 PM



#62
Azobenzene
Concen: 25.22 ng
RT: 16.07 min Scan# 2252
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.0	7.0	47.0	
105	17.3	1.4	41.4	
51	29.0	4.9	44.9	





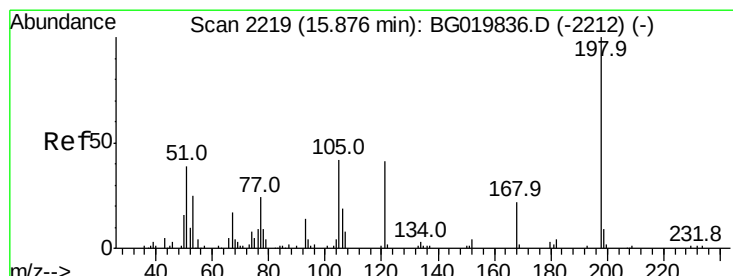
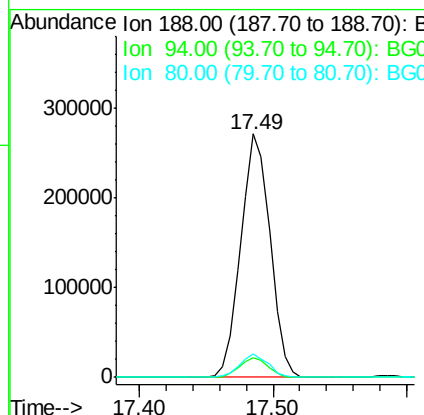
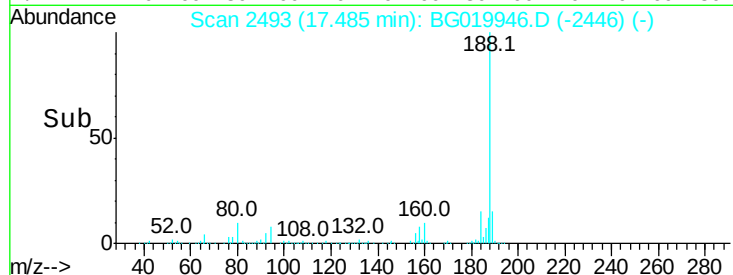
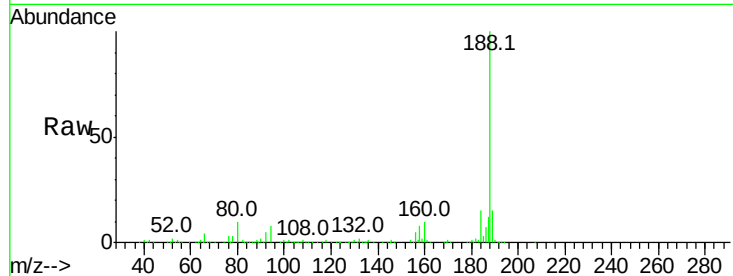
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87054BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.0	7.7	11.5
80	9.6	7.8	11.8

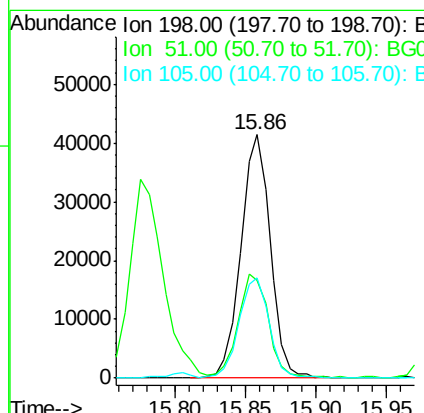
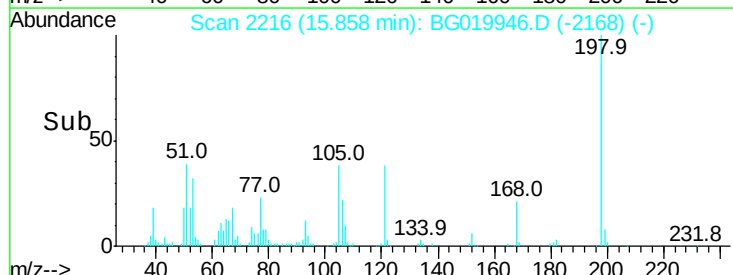
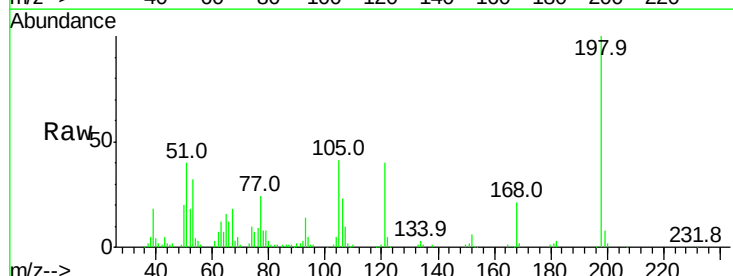
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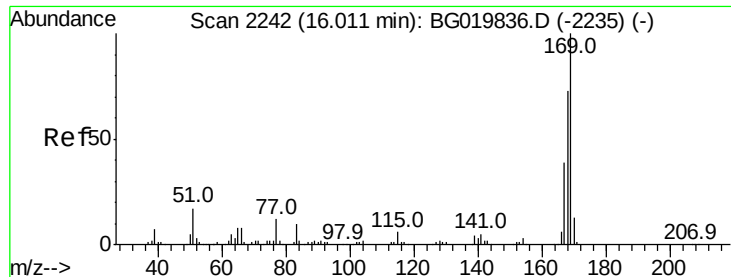
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#64
4,6-Dinitro-2-methylphenol
Concen: 28.92 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	40.1	14.2	54.2
105	41.2	21.1	61.1





#65

n-Nitrosodiphenylamine

Concen: 24.74 ng

RT: 15.99 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

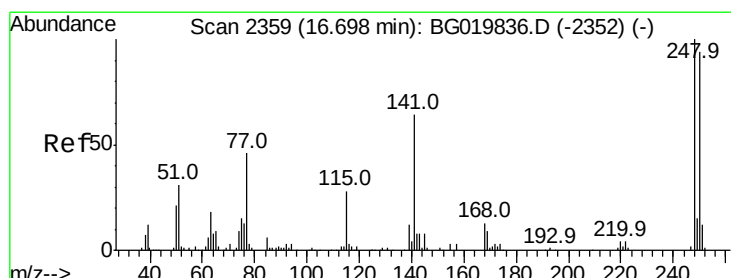
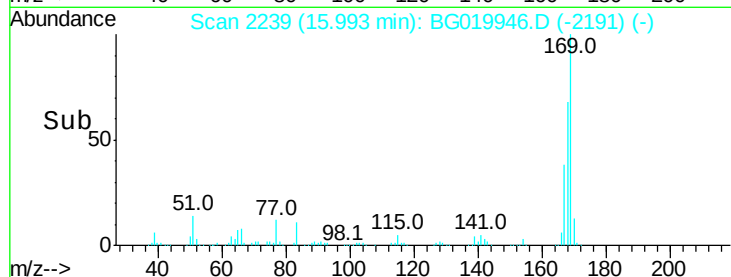
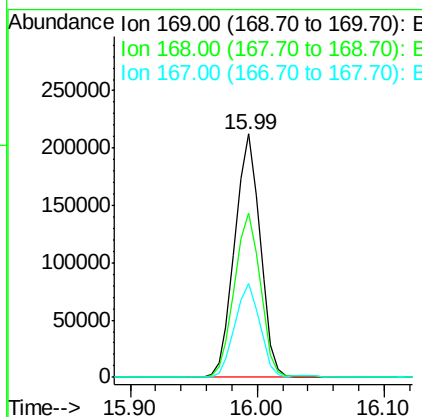
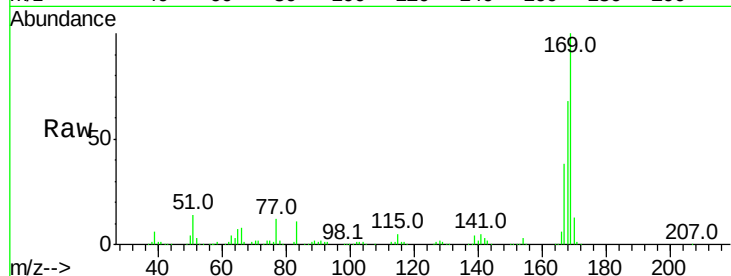
ClientSampleId :

PB87054BS

Tot Ion:	169	Resp:	294136
Ion Ratio	Lower	Upper	
169	100		
168	67.6	58.2	87.2
167	38.5	32.7	49.1

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#66

4-Bromophenyl-phenylether

Concen: 22.89 ng

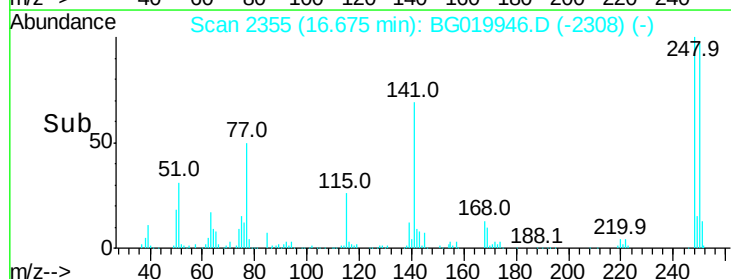
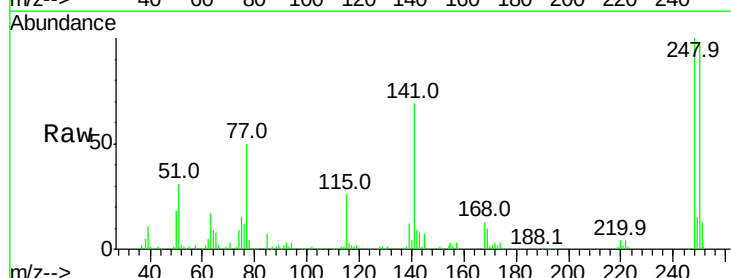
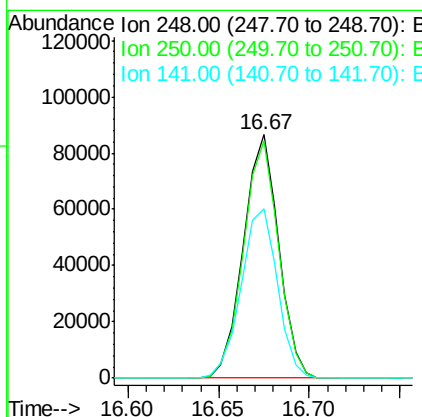
RT: 16.67 min Scan# 2355

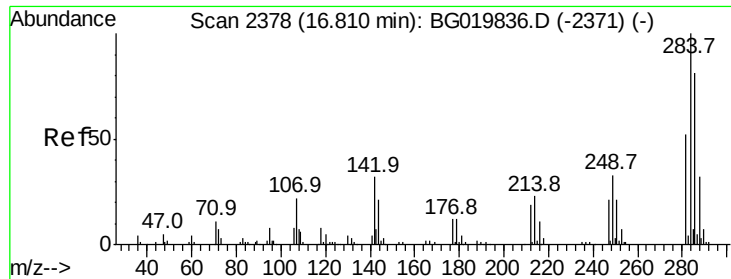
Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Tgt Ion:	248	Resp:	116878
Ion Ratio	Lower	Upper	
248	100		
250	97.3	77.8	116.8
141	69.4	50.4	75.6





#67

Hexachlorobenzene

Concen: 24.17 ng

RT: 16.79 min Scan# 2374

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

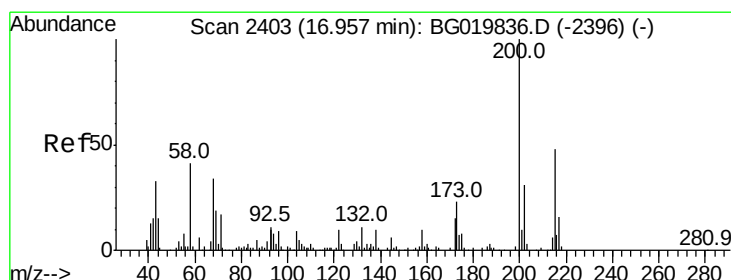
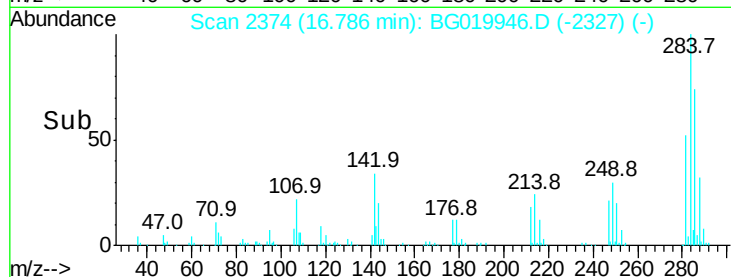
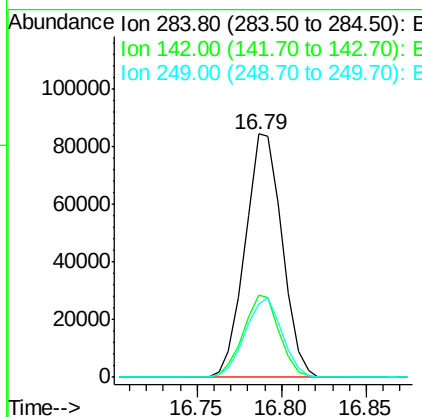
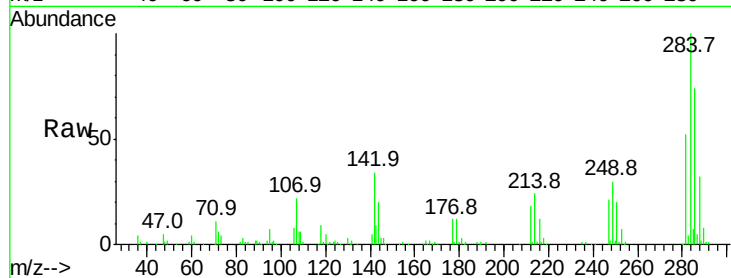
ClientSampleId :

PB87054BS

Tot Ion:	284	Resp:	128545
Ion Ratio	Lower	Upper	
284	100		
142	33.9	26.6	39.8
249	32.3	26.2	39.2

Manual Integrations
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#68

Atrazine

Concen: 24.50 ng

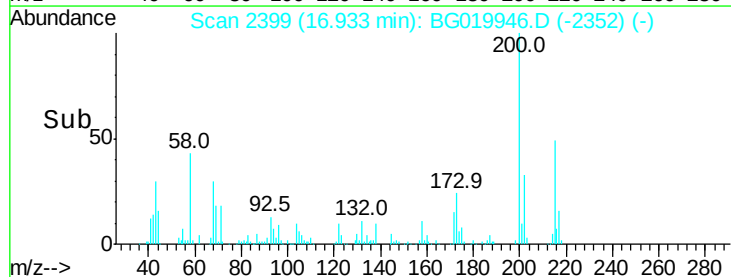
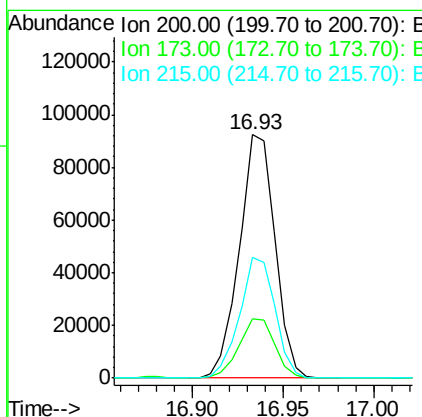
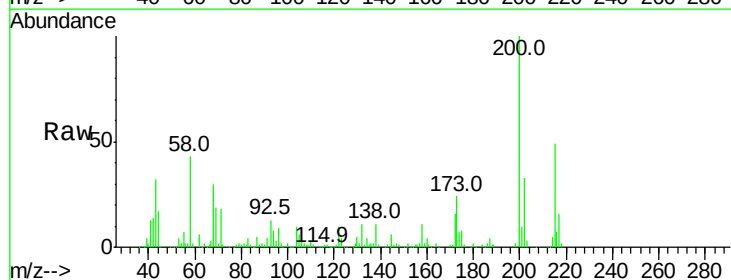
RT: 16.93 min Scan# 2399

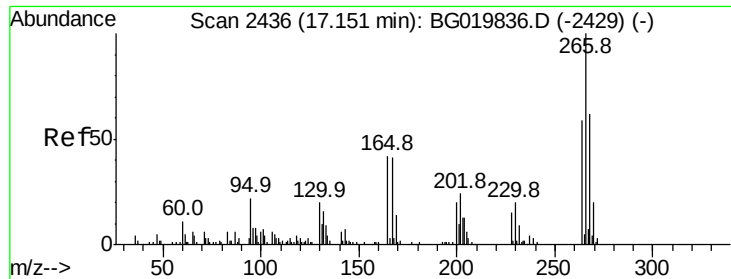
Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Tgt Ion:	200	Resp:	126576
Ion Ratio	Lower	Upper	
200	100		
173	24.2	5.2	45.2
215	49.5	27.0	67.0





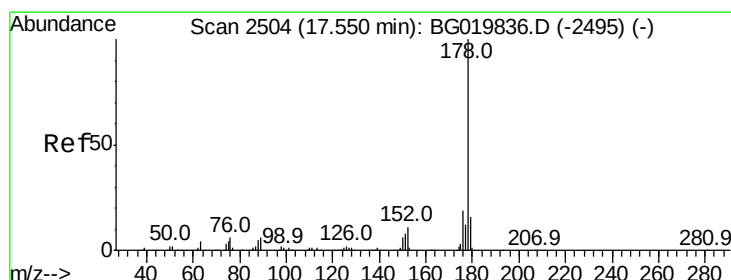
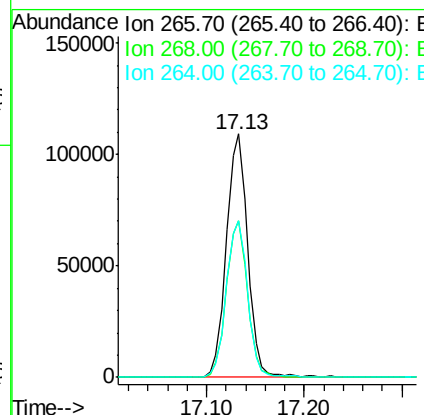
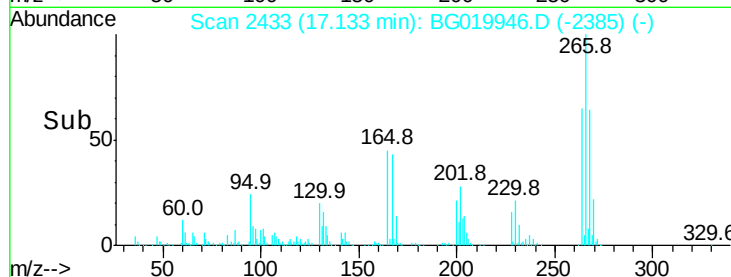
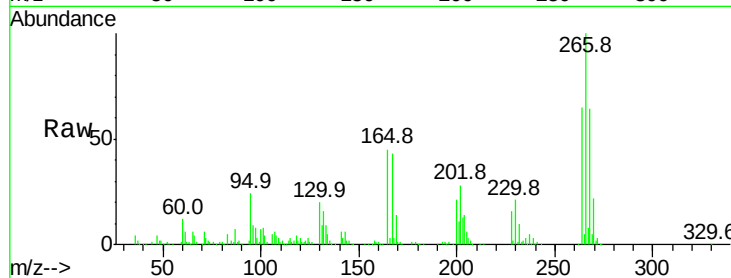
#69
 Pentachlorophenol
 Concen: 53.41 ng
 RT: 17.13 min Scan# 2433
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	165775		
268	64.4	47.6	71.4	
264	64.5	48.1	72.1	

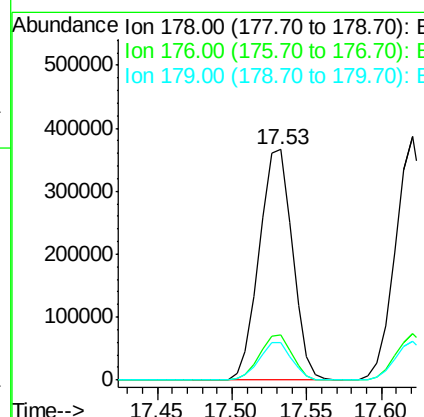
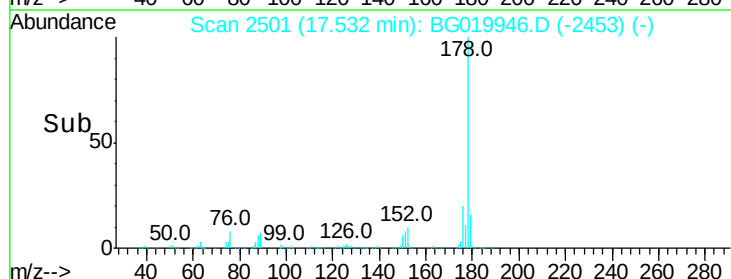
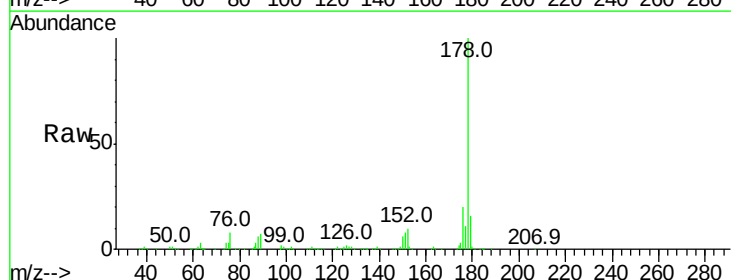
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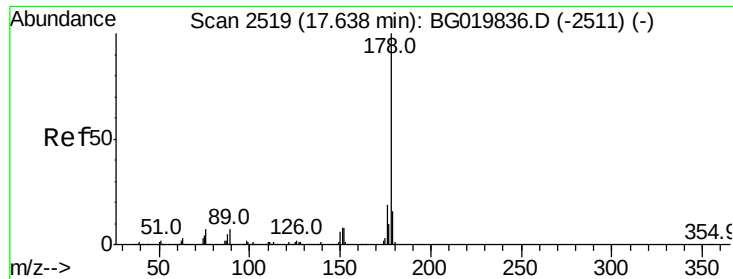
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#70
 Phenanthrene
 Concen: 24.15 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	561462		
176	19.7	16.7	25.1	
179	16.4	13.9	20.9	





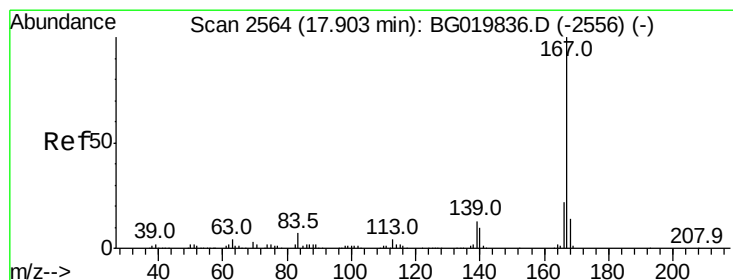
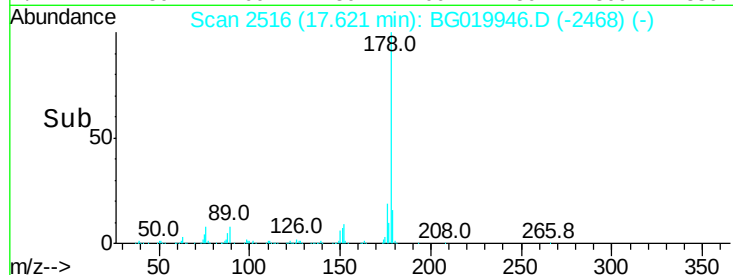
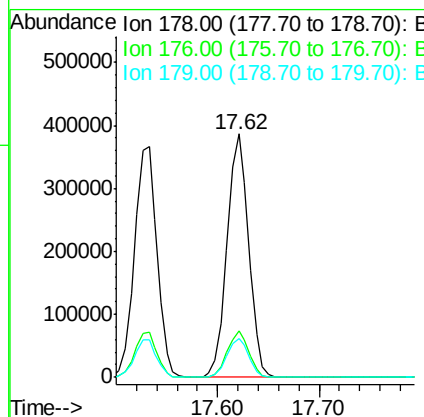
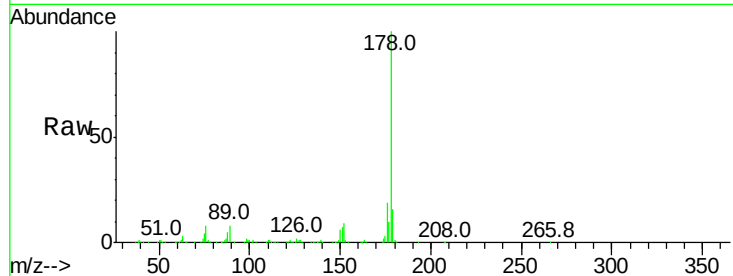
#71
 Anthracene
 Concen: 24.10 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.8	25.2
179	15.9	13.9	20.9

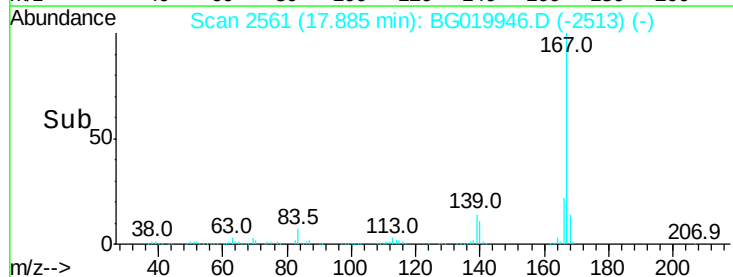
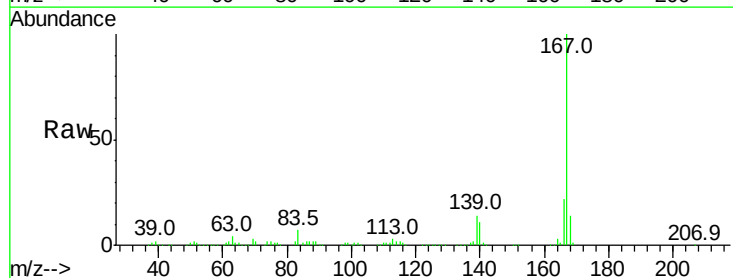
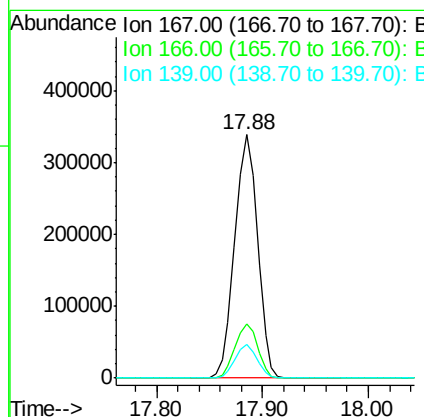
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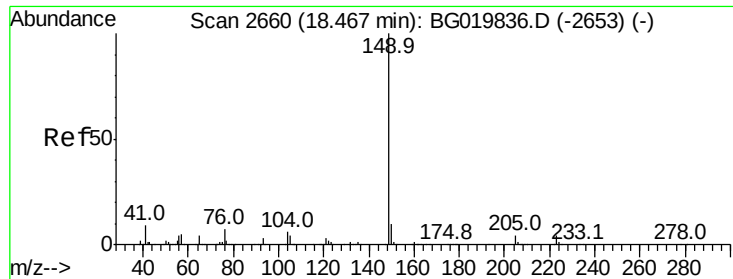
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 12/7/2015 6:31:40 PM



#72
 Carbazole
 Concen: 24.35 ng
 RT: 17.88 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	19.0	28.6
139	14.1	10.2	15.4





#73

Di-n-butylphthalate

Concen: 24.07 ng

RT: 18.44 min Scan# 2656

Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

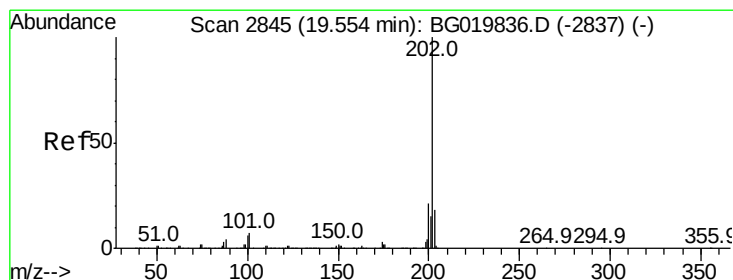
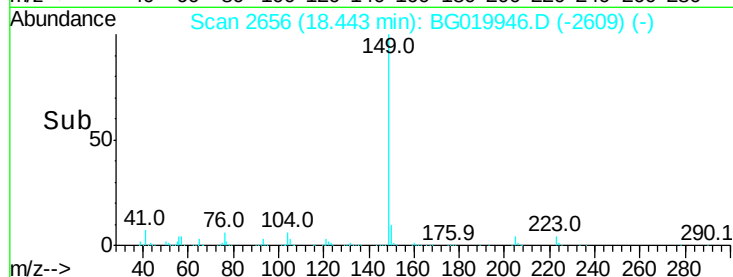
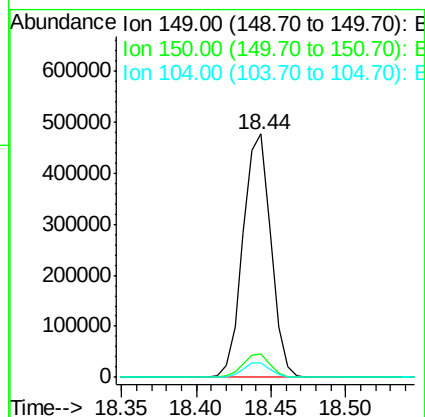
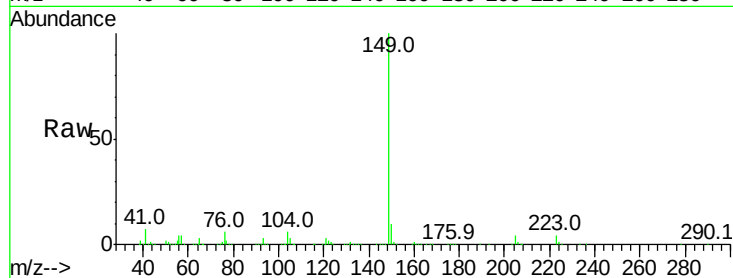
ClientSampleId :

PB87054BS

Tot Ion:	149	Resp:	615409
Ion Ratio	Lower	Upper	
149	100		
150	9.9	8.2	12.4
104	5.8	4.4	6.6

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#74

Fluoranthene

Concen: 23.90 ng

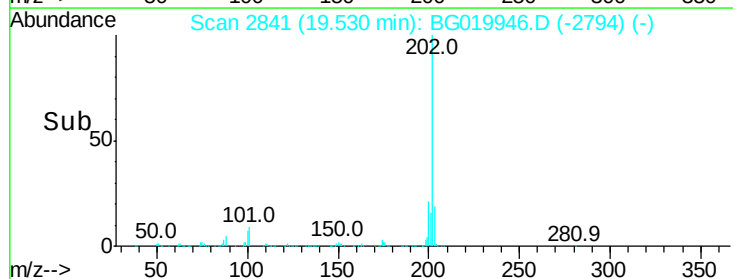
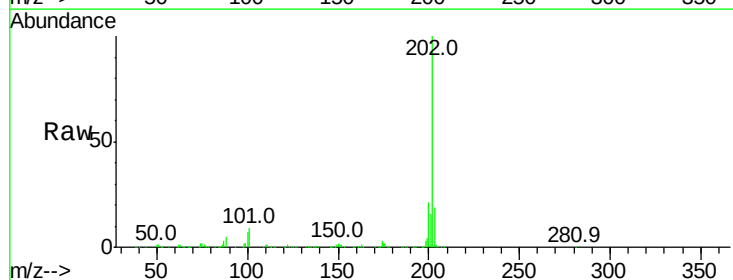
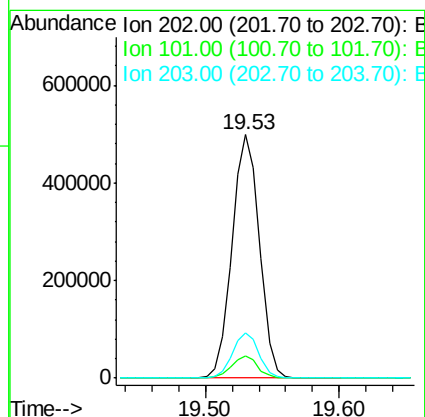
RT: 19.53 min Scan# 2841

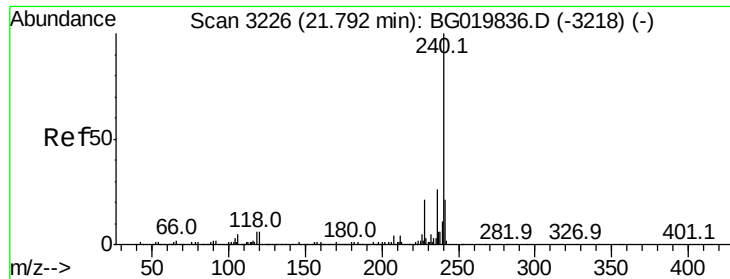
Delta R.T. -0.02 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Tgt Ion:	202	Resp:	710697
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	32.4
203	18.8	0.0	39.5





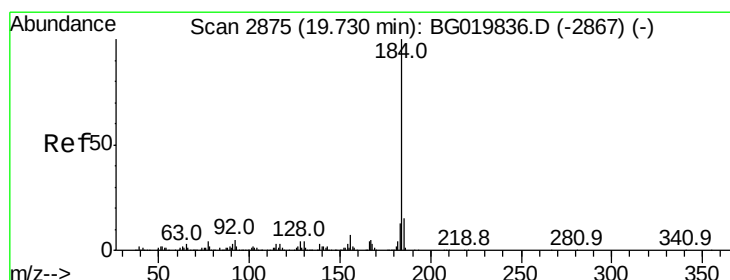
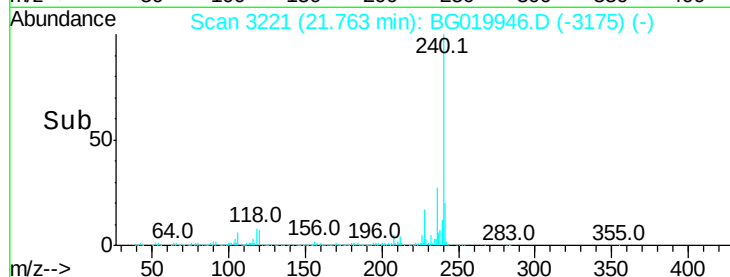
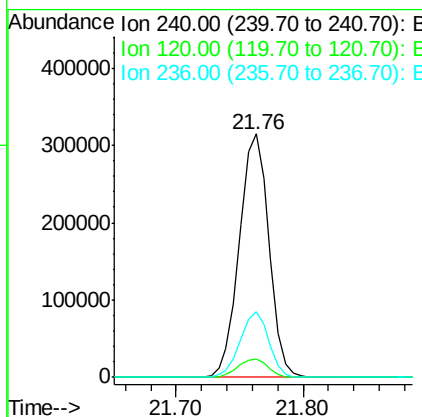
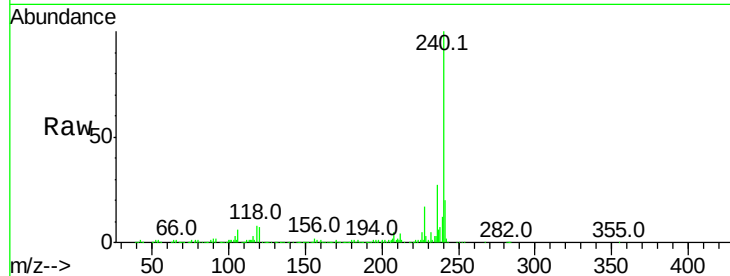
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.03 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87054BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	7.4	7.4	11.0	
236	27.1	20.7	31.1	

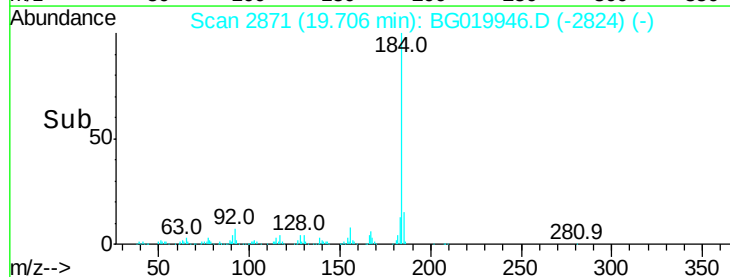
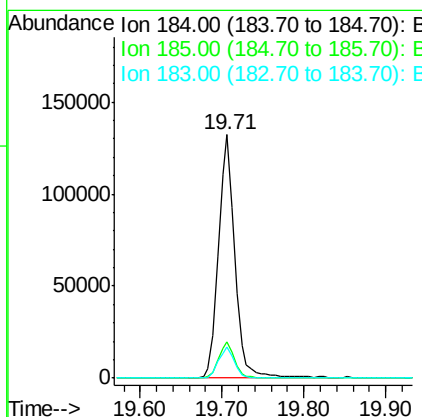
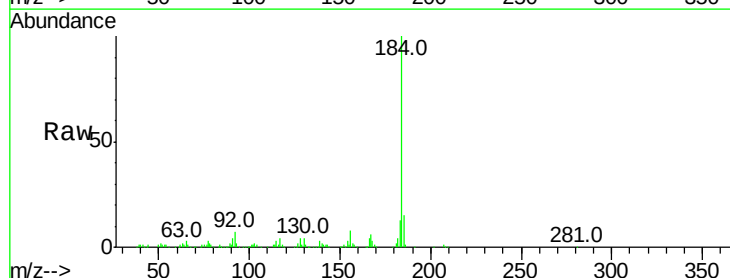
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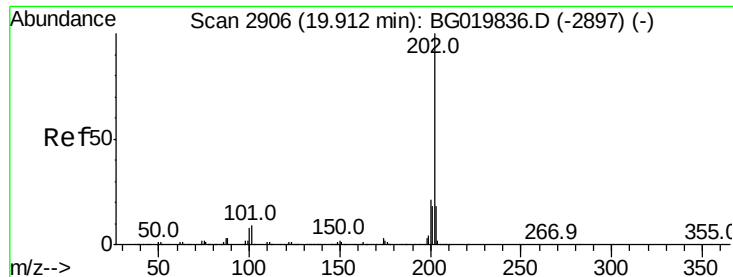
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#76
Benzidine
Concen: 11.14 ng
RT: 19.71 min Scan# 2871
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.1	13.4	20.2	
183	12.6	10.1	15.1	





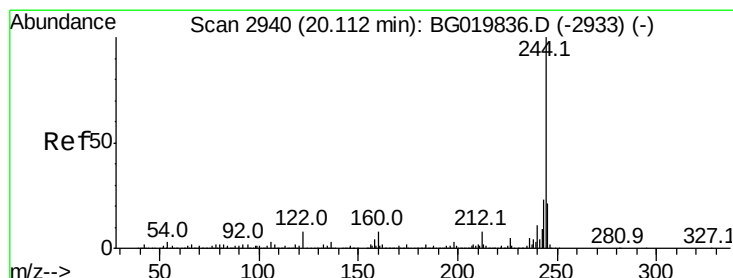
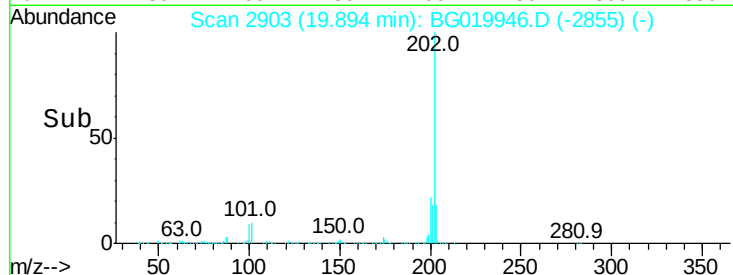
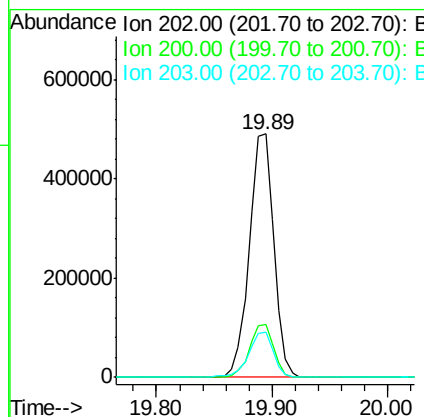
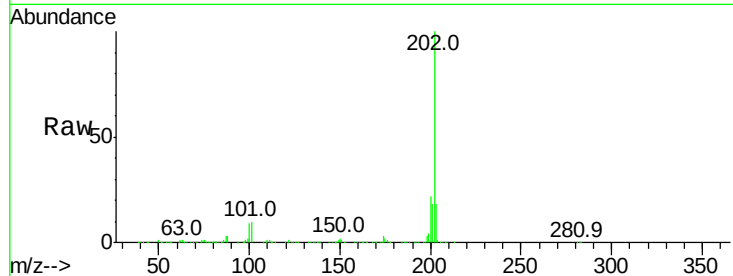
#77
Pvrene
Concen: 24.16 ng
RT: 19.89 min Scan# 2903
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87054BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	19.4	29.0
203	18.4	15.5	23.3

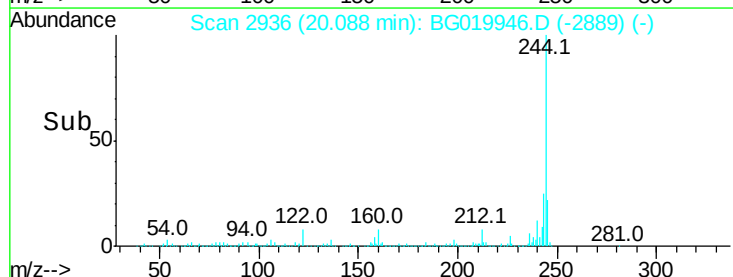
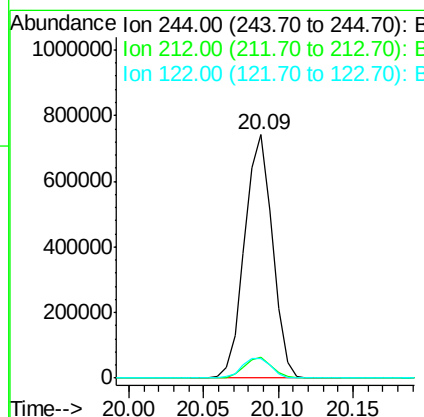
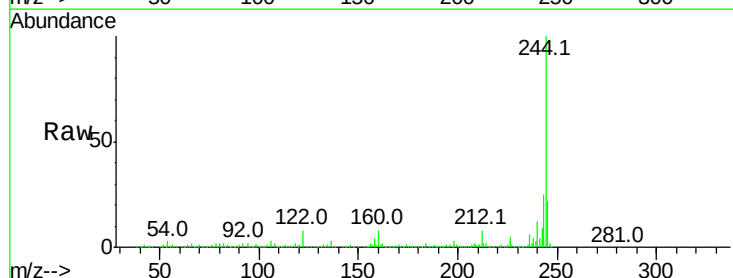
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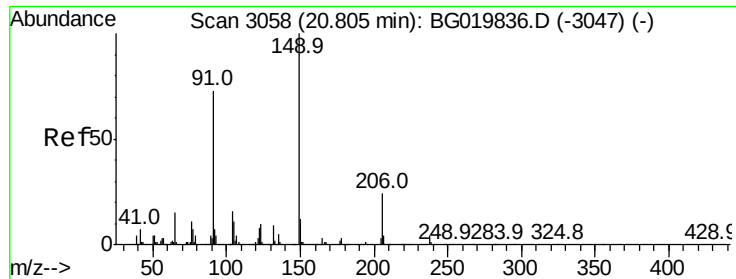
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#78
Terphenyl-d14
Concen: 45.82 ng
RT: 20.09 min Scan# 2936
Delta R.T. -0.02 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.4	6.9	10.3
122	8.3	10.2	15.2#





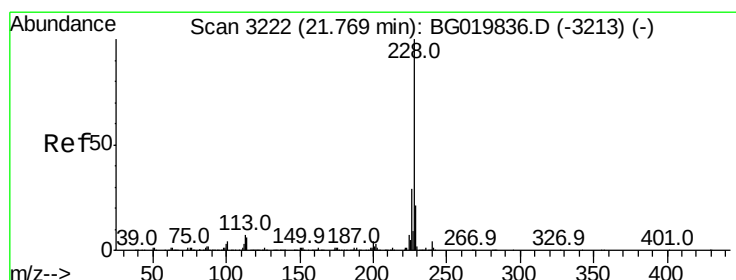
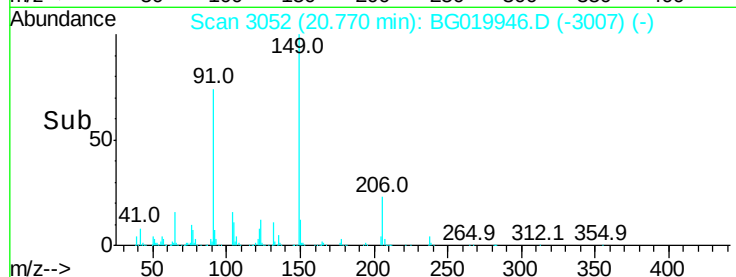
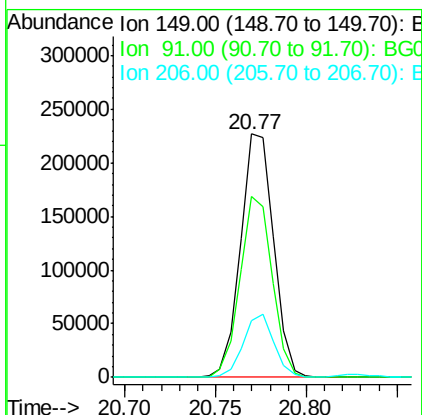
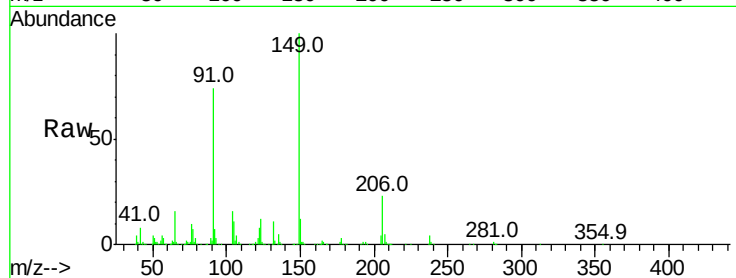
#79
Butylbenzylphthalate
Concen: 24.46 ng
RT: 20.77 min Scan# 3052
Delta R.T. -0.04 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Instrument :
BNA_G
ClientSampleId :
PB87054BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	74.4	58.1	87.1
206	23.3	17.8	26.8

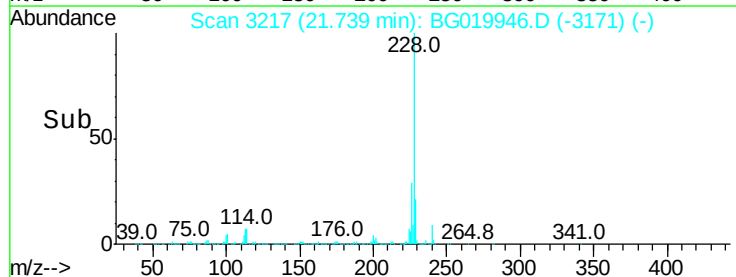
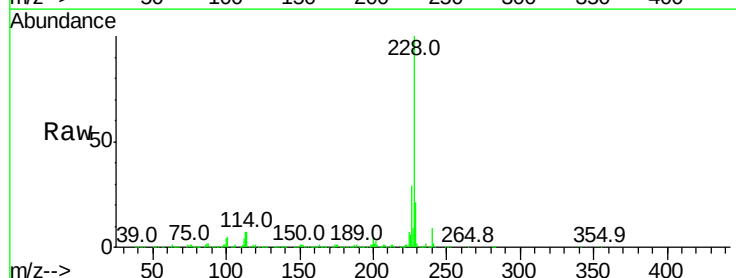
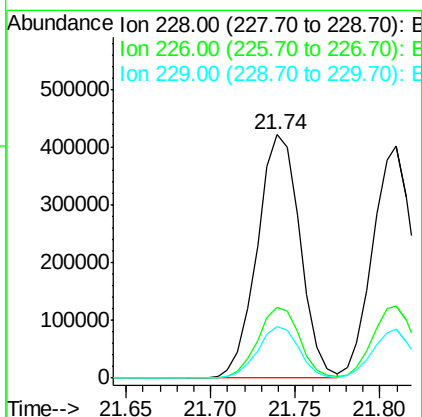
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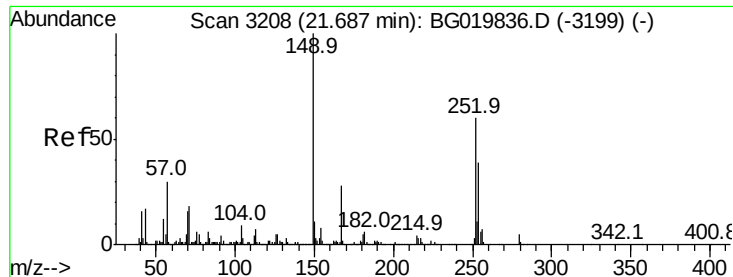
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#80
Benzo(a)anthracene
Concen: 23.84 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.03 min
Lab File: BG019946.D
Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.9	23.4	35.0
229	21.2	16.6	25.0





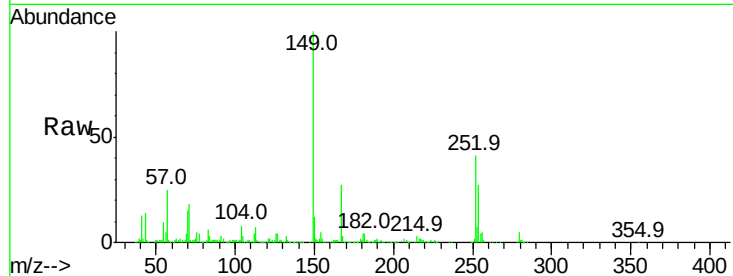
#81
 3,3'-Dichlorobenzidine
 Concen: 12.86 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.04 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

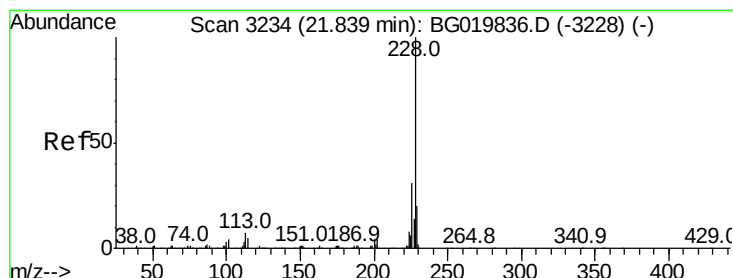
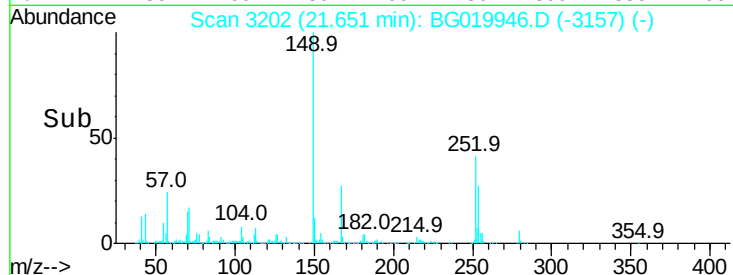
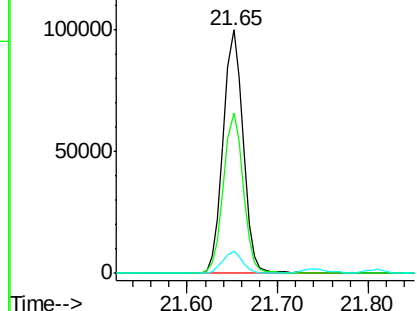
Tot Ion	Ratio	Resp	Lower	Upper
252	100	152614		
254	66.0	52.5	78.7	
126	9.2	8.5	12.7	

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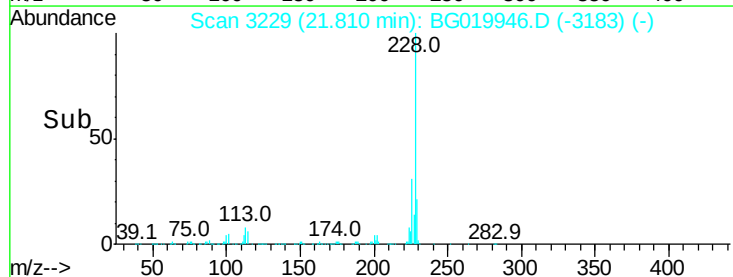
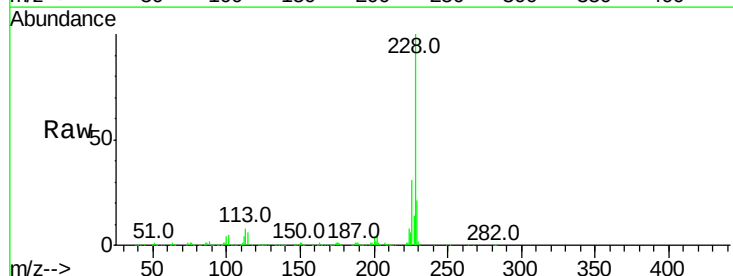
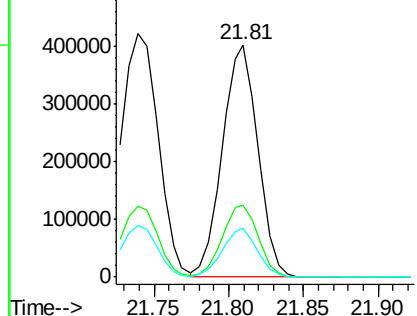
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

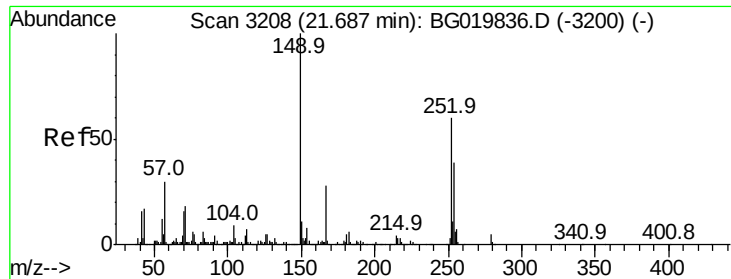


#82
 Chrysene
 Concen: 22.60 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.03 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	668672		
226	31.2	26.7	40.1	
229	21.2	17.0	25.6	

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





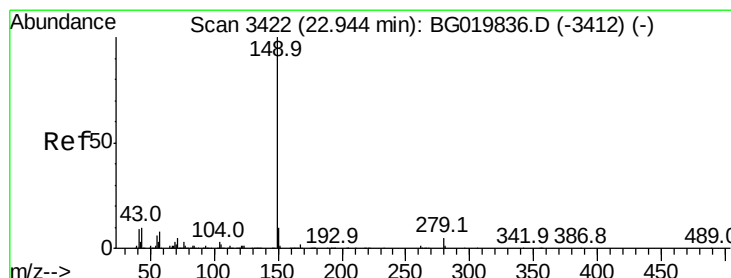
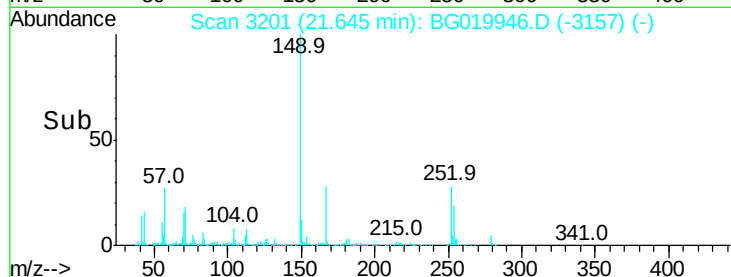
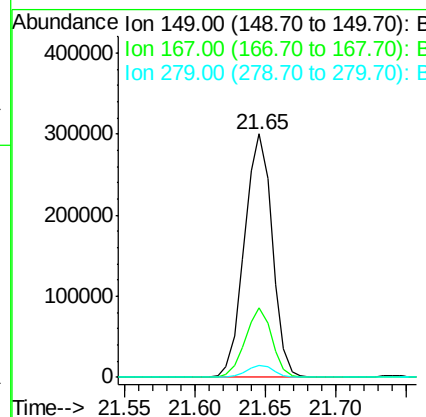
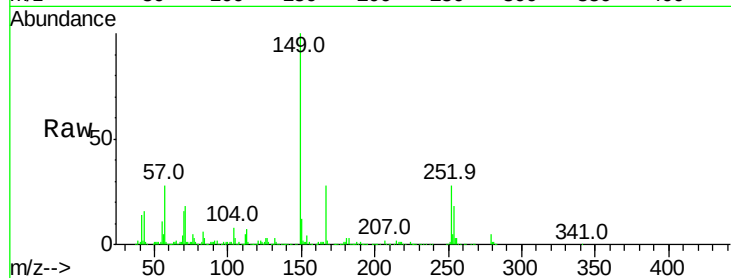
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 24.01 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	28.5	23.8	35.8	
279	5.0	3.4	5.2	

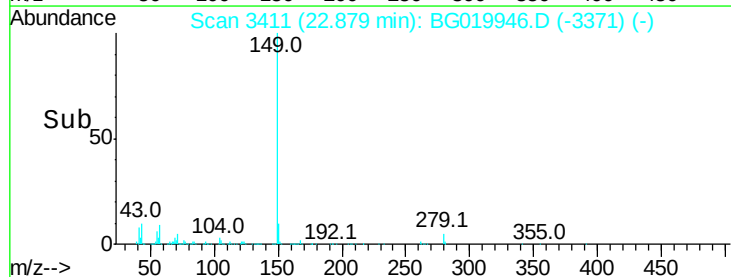
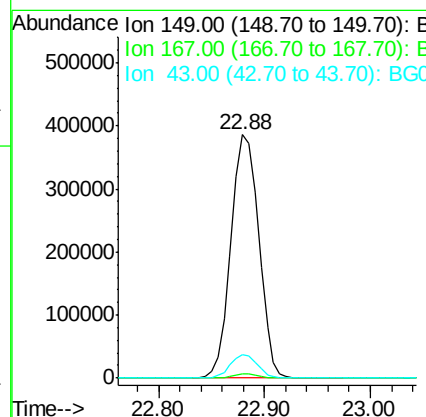
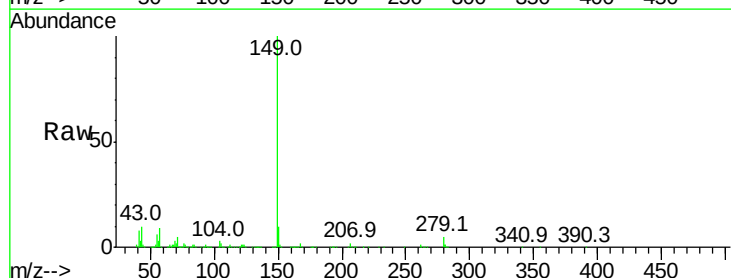
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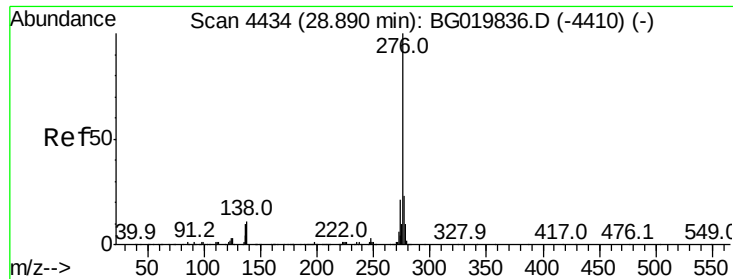
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#84
 Di-n-octyl phthalate
 Concen: 25.15 ng
 RT: 22.88 min Scan# 3411
 Delta R.T. -0.06 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.2	1.8	
43	9.7	5.9	8.9	





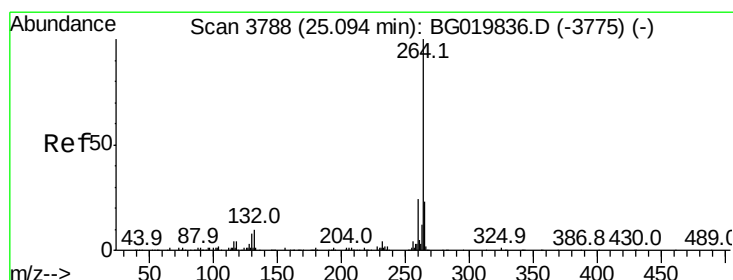
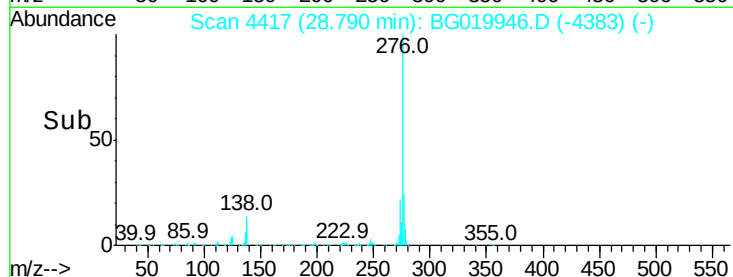
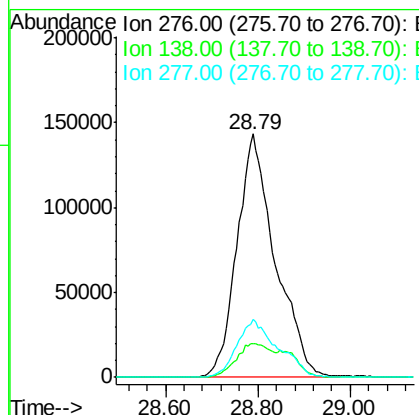
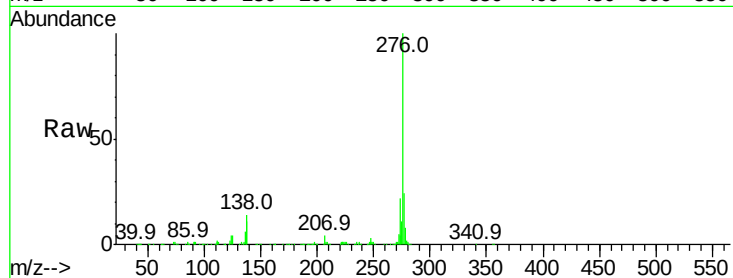
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.36 ng
 RT: 28.79 min Scan# 4417
 Delta R.T. -0.10 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	12.5	0.0	0.0	#
277	25.6	0.0	0.0	#

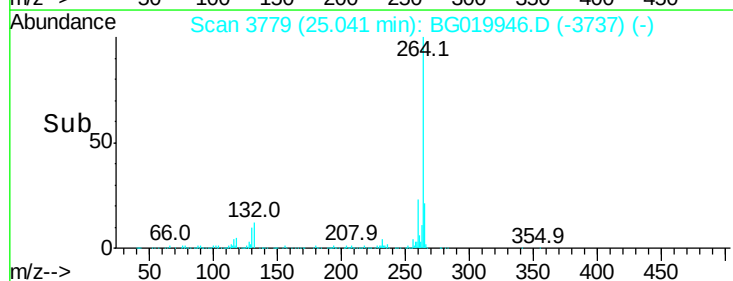
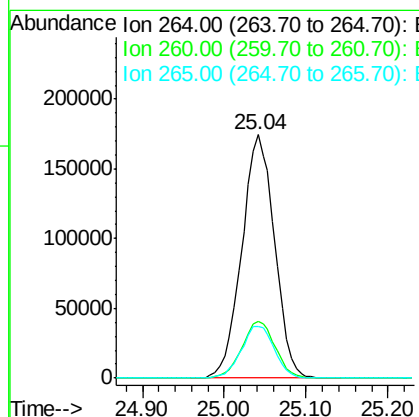
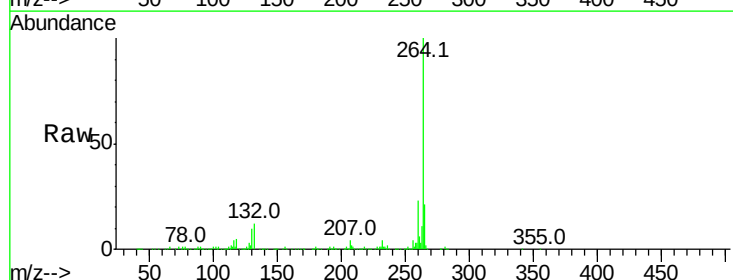
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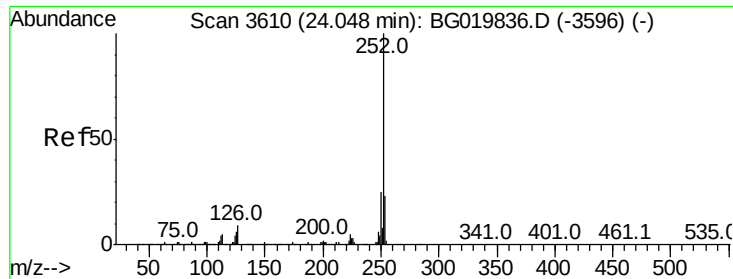
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.04 min Scan# 3779
 Delta R.T. -0.05 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.4	18.5	27.7	
265	21.2	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 23.77 ng

RT: 24.00 min Scan# 3601

Delta R.T. -0.05 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

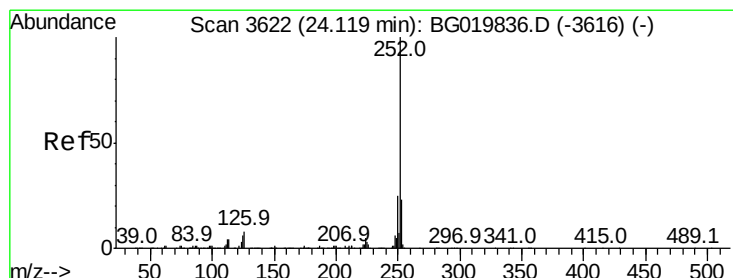
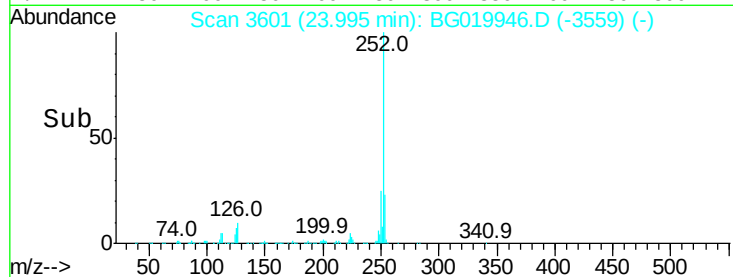
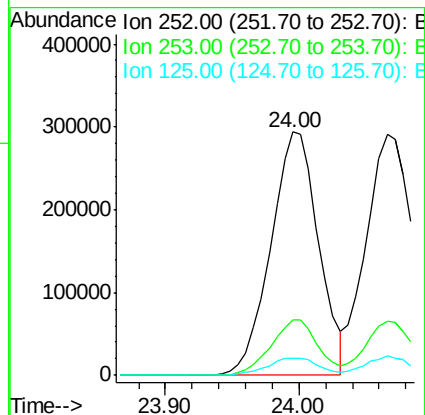
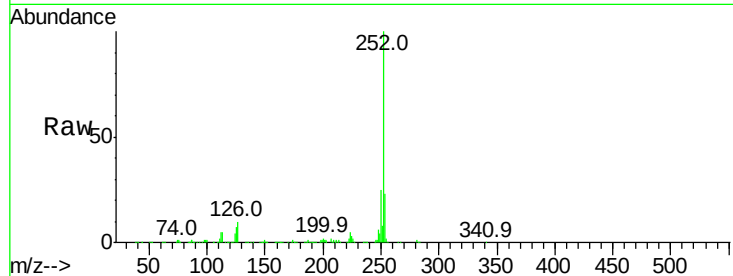
ClientSampleId :

PB87054BS

Tot Ion:	252	Resp:	728826
Ion Ratio	Lower	Upper	
252	100		
253	22.5	19.1	28.7
125	6.8	8.9	13.3#

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#88

Benzo(k)fluoranthene

Concen: 22.98 ng

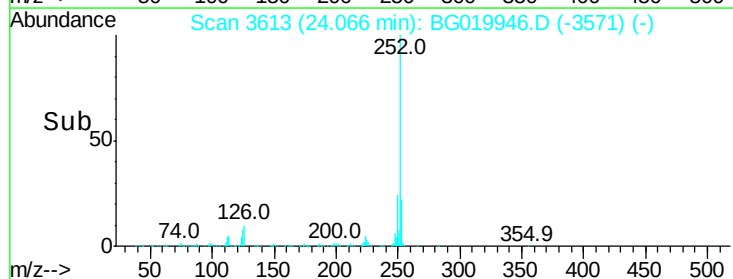
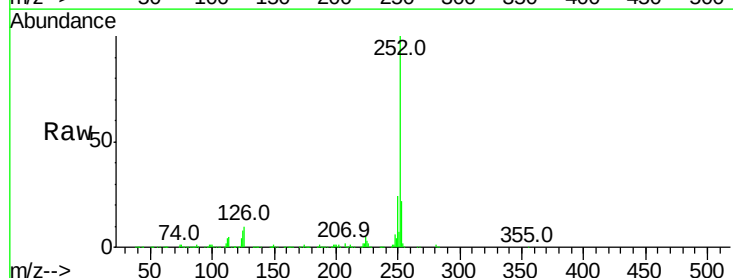
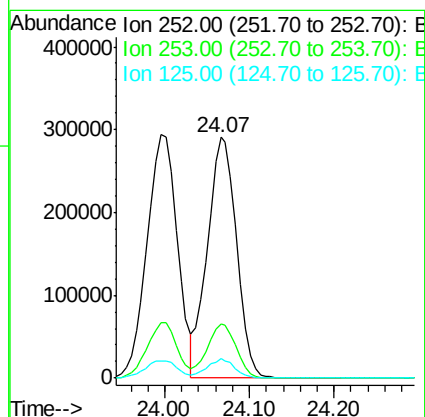
RT: 24.07 min Scan# 3613

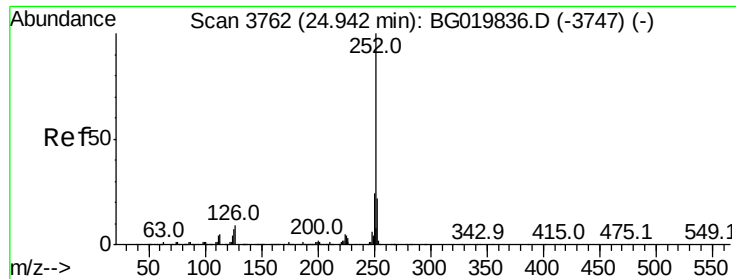
Delta R.T. -0.05 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Tgt Ion:	252	Resp:	697954
Ion Ratio	Lower	Upper	
252	100		
253	22.5	19.0	28.4
125	8.0	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 23.89 ng

RT: 24.89 min Scan# 3753

Delta R.T. -0.05 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Instrument :

BNA_G

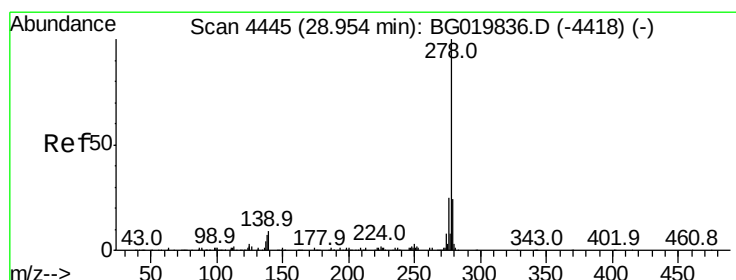
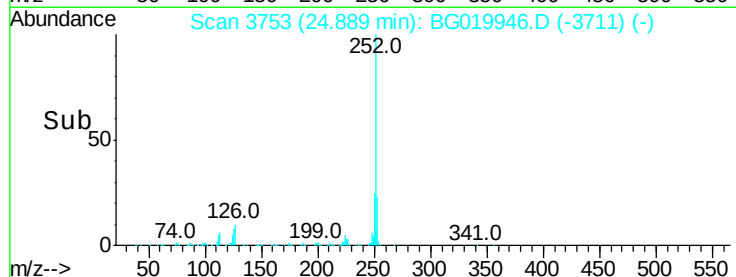
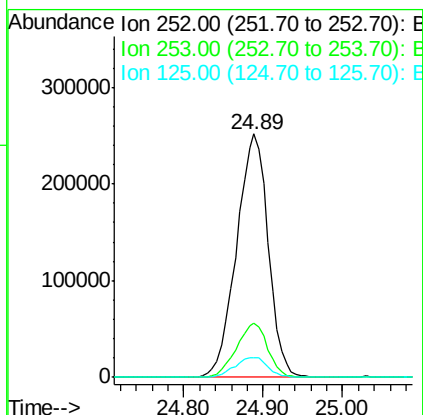
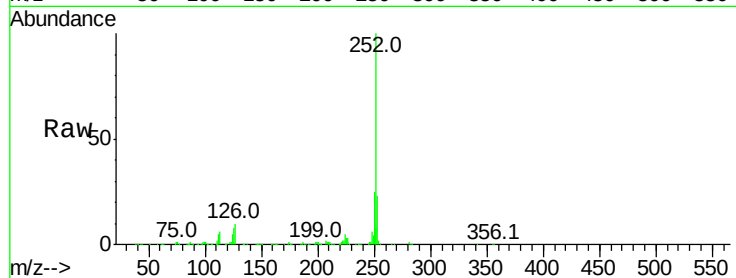
ClientSampleId :

PB87054BS

Tot Ion:	252	Resp:	695534
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.7	28.1
125	8.3	9.1	13.7#

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#90

Dibenzo(a,h)anthracene

Concen: 23.72 ng

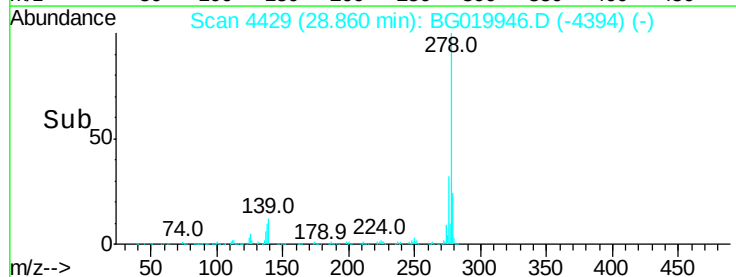
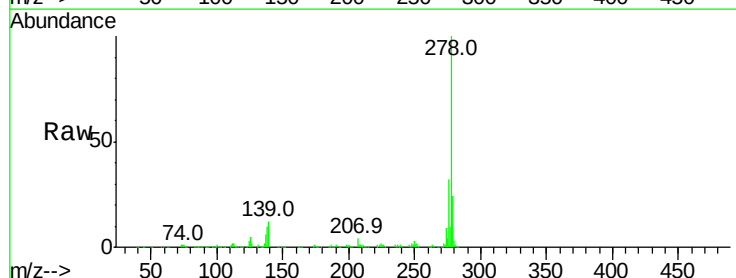
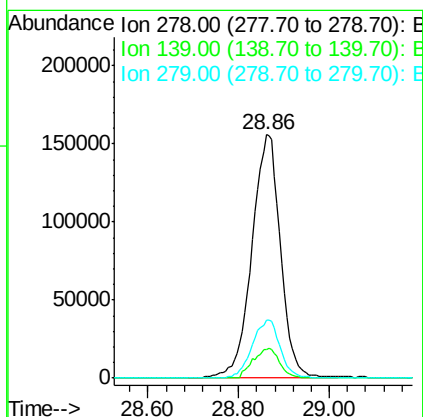
RT: 28.86 min Scan# 4429

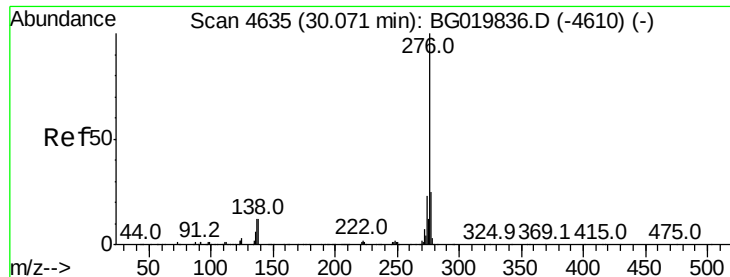
Delta R.T. -0.09 min

Lab File: BG019946.D

Acq: 5 Dec 2015 17:39

Tgt Ion:	278	Resp:	682431
Ion Ratio	Lower	Upper	
278	100		
139	11.9	13.8	20.6#
279	23.9	19.4	29.0





#91
 Benzo(a,h,i)perylene
 Concen: 23.88 ng
 RT: 29.97 min Scan# 4618
 Delta R.T. -0.10 min
 Lab File: BG019946.D
 Acq: 5 Dec 2015 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB87054BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.9	18.4	27.6
138	15.0	17.4	26.0

Manual Integrations
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