

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019938.D
 Acq On : 5 Dec 2015 12:30
 Operator : UM/NP
 Sample : PB86993BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BS

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:29:47 PM

Quant Time: Dec 07 04:59:16 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	31444	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	135659	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	98413	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	246689	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	298640	20.00	ng	-0.03
86) Perylene-d12	25.04	264	279680	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	227356	130.68	ng	-0.01
7) Phenol-d6	7.26	99	332029	126.40	ng	-0.01
23) Nitrobenzene-d5	9.28	82	213173	80.20	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	166676	110.69	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	518337	71.92	ng	-0.02
78) Terphenyl-d14	20.09	244	919744	75.12	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	22071	32.56	ng	# 100
3) Pyridine	3.92	79	69969	33.99	ng	# 81
4) n-Nitrosodimethylamine	3.84	42	36957	34.14	ng	79
6) Aniline	7.43	93	78246	23.00	ng	# 82
8) 2-Chlorophenol	7.68	128	86624	40.83	ng	95
9) Benzaldehyde	7.25	77	31610	18.05	ng	91
10) Phenol	7.29	94	119552	43.24	ng	81
11) bis(2-Chloroethyl)ether	7.53	93	77454	37.83	ng	90
12) 1,3-Dichlorobenzene	8.00	146	86997	36.18	ng	# 92
13) 1,4-Dichlorobenzene	8.15	146	87796	35.35	ng	93
14) 1,2-Dichlorobenzene	8.47	146	86478	36.51	ng	92
15) Benzyl Alcohol	8.35	79	91609	39.74	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	121085	36.26	ng	93
17) 2-Methylphenol	8.55	107	81439	41.73	ng	# 91
18) Hexachloroethane	9.21	117	33257	35.76	ng	99
19) n-Nitroso-di-n-propylamine	8.92	70	74246	35.84	ng	92
20) 3+4-Methylphenols	8.88	107	111640	40.62	ng	93
22) Acetophenone	8.94	105	130153	35.00	ng	# 93
24) Nitrobenzene	9.32	77	112477	39.01	ng	# 88
25) Isophorone	9.85	82	200108	35.11	ng	96
26) 2-Nitrophenol	10.04	139	46932	42.14	ng	# 78
27) 2,4-Dimethylphenol	10.09	122	92185	39.75	ng	88
28) bis(2-Chloroethoxy)methane	10.33	93	114354	41.07	ng	99
29) 2,4-Dichlorophenol	10.58	162	98562	41.60	ng	96
30) 1,2,4-Trichlorobenzene	10.79	180	95677	35.73	ng	96
31) Naphthalene	10.99	128	274857	37.82	ng	98
32) Benzoic acid	10.21	122	65033	42.41	ng	88
33) 4-Chloroaniline	11.09	127	41917	13.09	ng	# 92
34) Hexachlorobutadiene	11.27	225	67804	34.33	ng	97
35) Caprolactam	11.86	113	35766m	40.56	ng	
36) 4-Chloro-3-methylphenol	12.20	107	116378	39.44	ng	95
37) 2-Methylnaphthalene	12.59	142	206609	38.79	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	129359	34.64	ng	99
40) Hexachlorocyclopentadiene	12.93	237	147525	69.28	ng	99

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 ClientSampleId :
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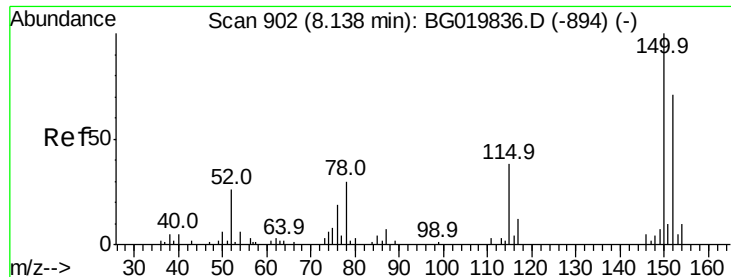
Manual Integrations
 APPROVED

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 12/7/2015 6:29:47 PM

Quant Time: Dec 07 04:59:16 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	92502	37.41	nq	100
43) 2,4,5-Trichlorophenol	13.25	196	99942	38.24	nq	95
45) 1,1'-Biphenyl	13.58	154	277770	34.39	nq	99
46) 2-Chloronaphthalene	13.63	162	222459	35.73	nq	93
47) 2-Nitroaniline	13.82	65	83672	42.55	nq	85
48) Acenaphthylene	14.47	152	372834	35.16	nq	99
49) Dimethylphthalate	14.20	163	311737	35.21	nq	98
50) 2,6-Dinitrotoluene	14.31	165	68397	41.09	nq	# 79
51) Acenaphthene	14.81	154	267728	41.61	nq	98
52) 3-Nitroaniline	14.64	138	43994	25.44	nq	96
53) 2,4-Dinitrophenol	14.85	184	72928	82.07	nq	97
54) Dibenzofuran	15.14	168	377042	39.39	nq	92
55) 4-Nitrophenol	14.94	139	116015	77.04	nq	# 66
56) 2,4-Dinitrotoluene	15.10	165	98367	42.36	nq	# 91
57) Fluorene	15.79	166	302254	35.28	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	99199	41.02	nq	97
59) Diethylphthalate	15.56	149	326399	34.07	nq	97
60) 4-Chlorophenyl-phenylether	15.78	204	167044	33.96	nq	98
61) 4-Nitroaniline	15.80	138	72691	37.38	nq	# 73
62) Azobenzene	16.08	77	310707	38.97	nq	96
64) 4,6-Dinitro-2-methylphenol	15.86	198	57420	42.27	nq	92
65) n-Nitrosodiphenylamine	15.99	169	275641	38.61	nq	97
66) 4-Bromophenyl-phenylether	16.67	248	110926	36.19	nq	96
67) Hexachlorobenzene	16.79	284	120058	37.60	nq	98
68) Atrazine	16.94	200	116624	37.60	nq	94
69) Pentachlorophenol	17.13	266	154303	82.79	nq	94
70) Phenanthrene	17.53	178	525434	37.65	nq	96
71) Anthracene	17.62	178	533811	37.55	nq	97
72) Carbazole	17.88	167	479305	38.27	nq	98
73) Di-n-butylphthalate	18.44	149	565198	36.82	nq	99
74) Fluoranthene	19.53	202	664871	37.24	nq	95
76) Benzidine	19.71	184	187257	19.09	nq	97
77) Pyrene	19.89	202	680020	38.70	nq	96
79) Butylbenzylphthalate	20.78	149	270563	39.29	nq	99
80) Benzo(a)anthracene	21.74	228	694307	37.98	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	142767	20.51	nq	98
82) Chrysene	21.81	228	634824	36.57	nq	98
83) Bis(2-ethylhexyl)phthalate	21.65	149	387815	38.37	nq	96
84) Di-n-octyl phthalate	22.88	149	665112	40.48	nq	# 94
85) Indeno(1,2,3-cd)pyrene	28.80	276	771126	40.33	nq	# 100
87) Benzo(b)fluoranthene	24.00	252	678940	38.30	nq	# 96
88) Benzo(k)fluoranthene	24.07	252	642303	36.59	nq	# 95
89) Benzo(a)pyrene	24.89	252	654173	38.87	nq	# 95
90) Dibenzo(a,h)anthracene	28.87	278	639190	38.44	nq	# 92
91) Benzo(g,h,i)perylene	29.98	276	629145	38.54	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

ClientSampleId :

PB86993BS

Tot Ion:152 Resp: 31444

Ion Ratio Lower Upper

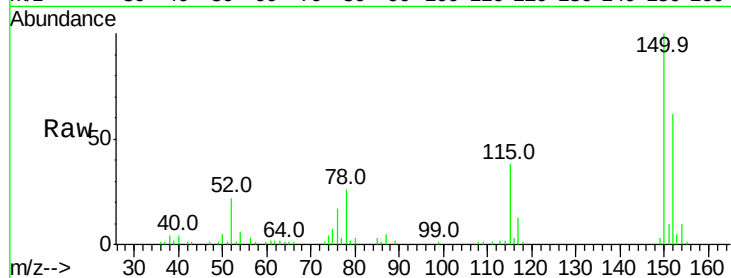
152 100

150 160.7 115.0 172.4

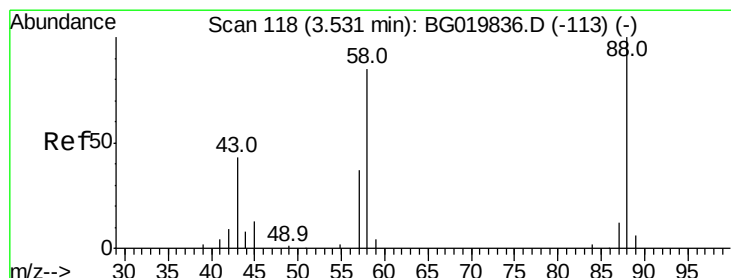
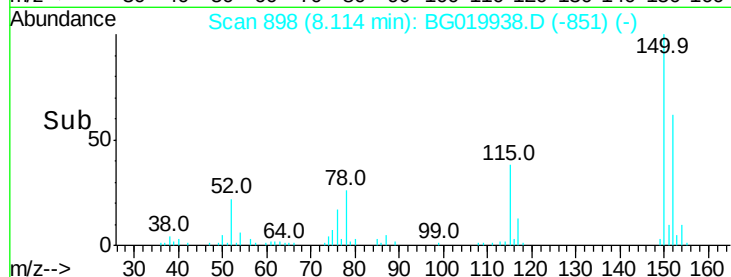
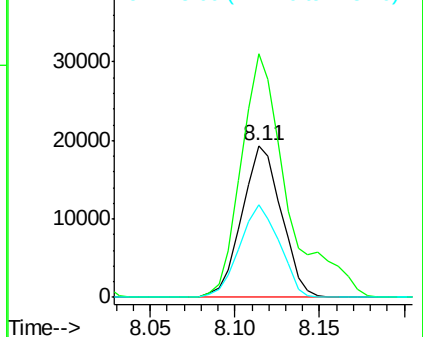
115 61.5 43.9 65.9

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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: 32.56 ng

RT: 3.52 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

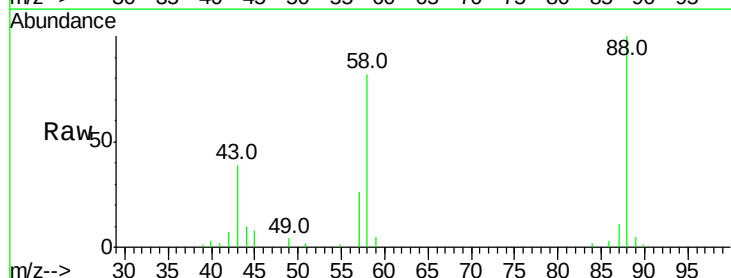
Tgt Ion: 88 Resp: 22071

Ion Ratio Lower Upper

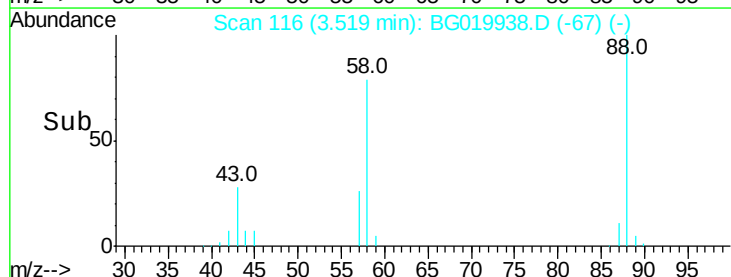
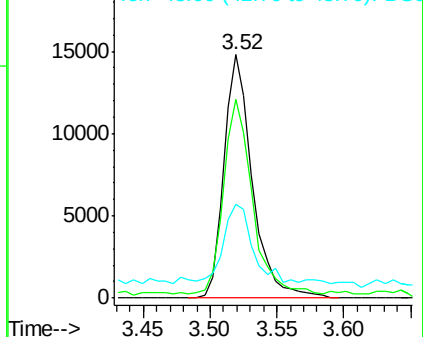
88 100

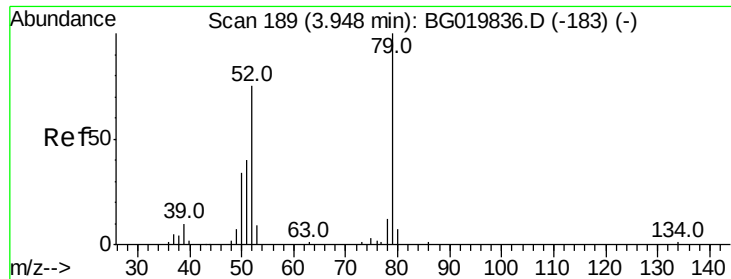
58 80.9 0.0 0.0#

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





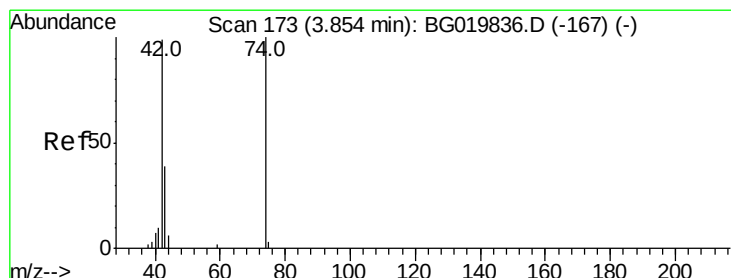
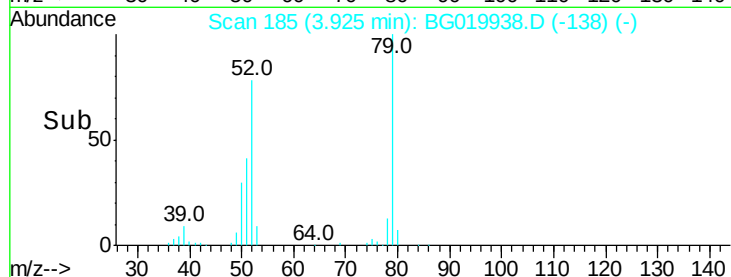
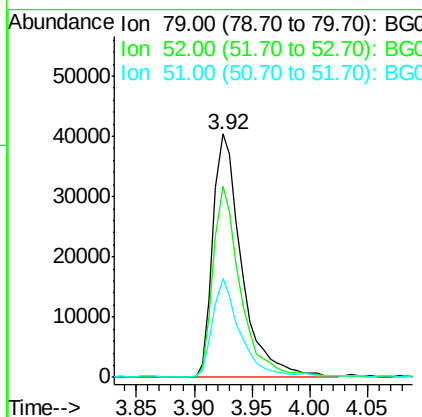
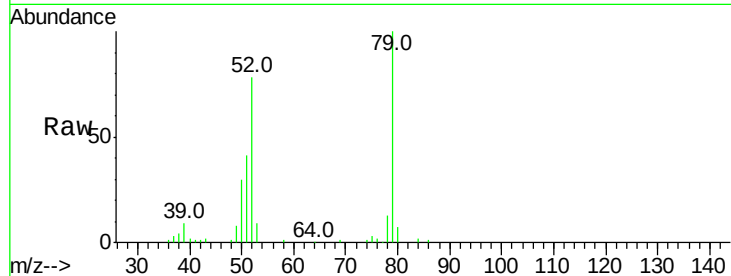
#3
 Pvridine
 Concen: 33.99 ng
 RT: 3.92 min Scan# 185
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	78.4	50.3	75.5#	
51	40.8	24.8	37.2#	

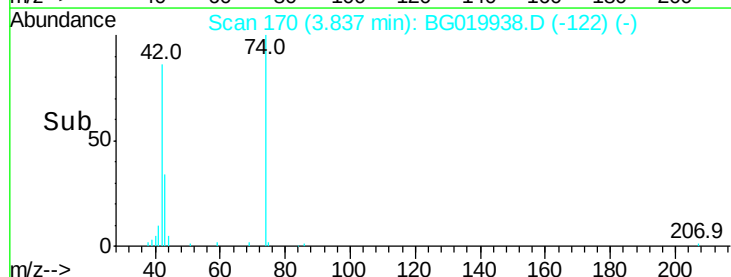
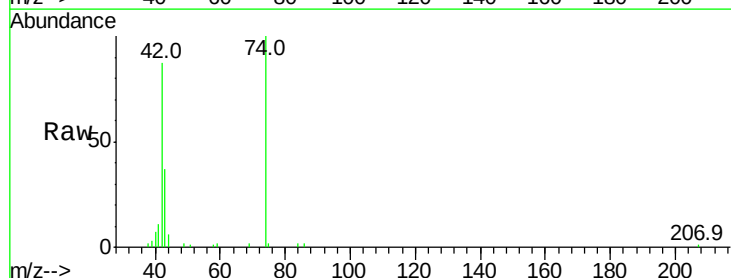
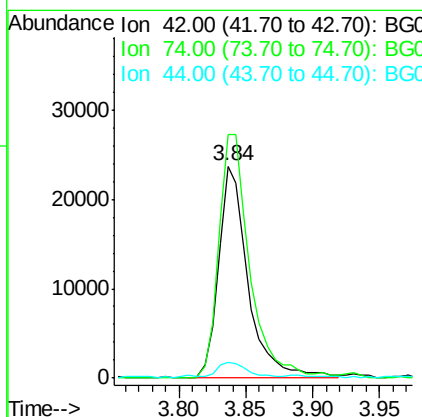
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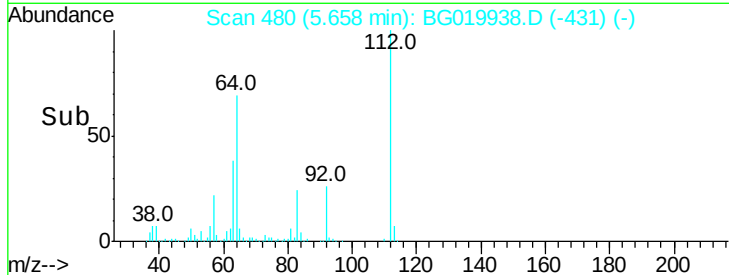
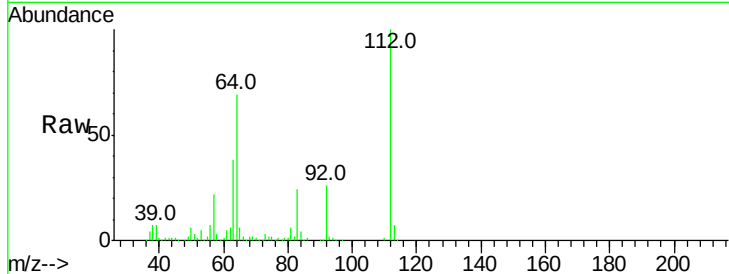
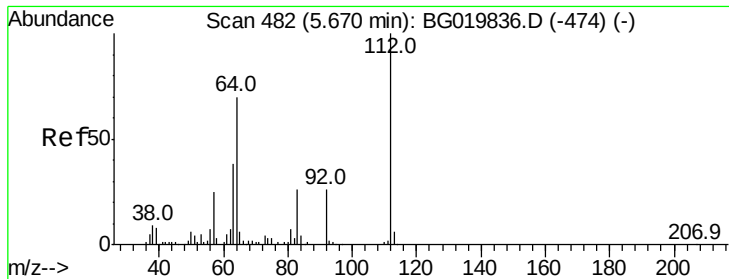
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#4
 n-Nitrosodimethylamine
 Concen: 34.14 ng
 RT: 3.84 min Scan# 170
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	114.9	113.9	170.9	
44	7.4	5.7	8.5	





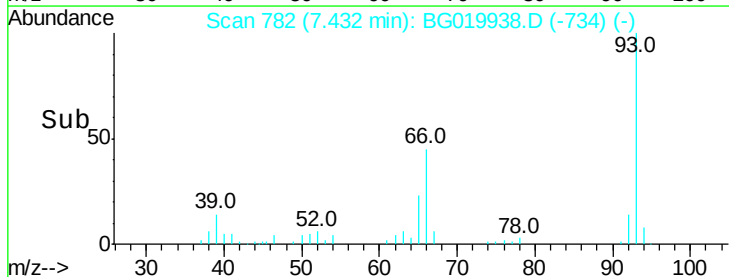
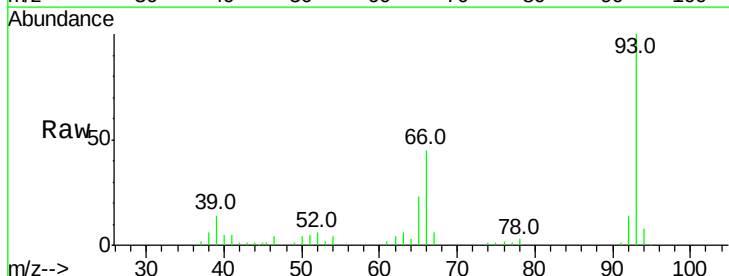
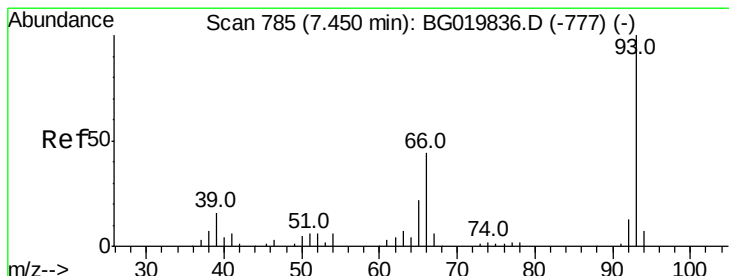
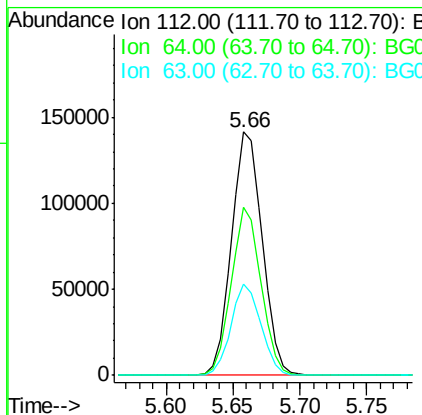
#5
2-Fluorophenol
Concen: 130.68 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	69.1	43.7	65.5#
63	37.7	24.0	36.0#

Instrument :
BNA_G
ClientSampleId :
PB86993BS

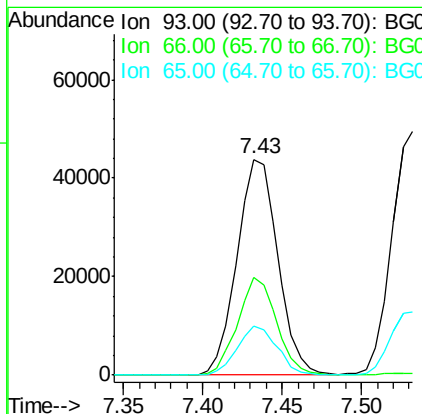
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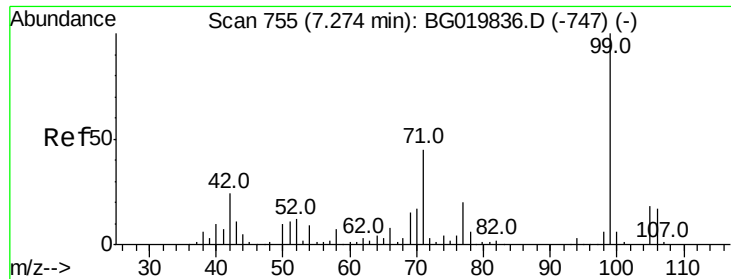
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#6
Aniline
Concen: 23.00 ng
RT: 7.43 min Scan# 782
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	45.2	26.2	39.2#
65	22.5	14.0	21.0#





#7

Phenol-d6

Concen: 126.40 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

ClientSampleId :

PB86993BS

Tot Ion: 99 Resp: 332029

Ion Ratio Lower Upper

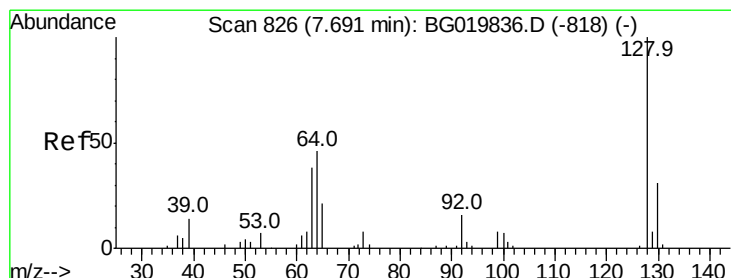
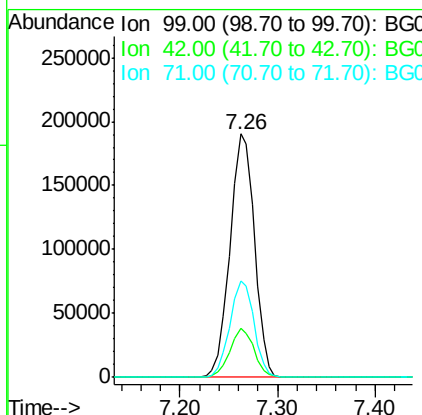
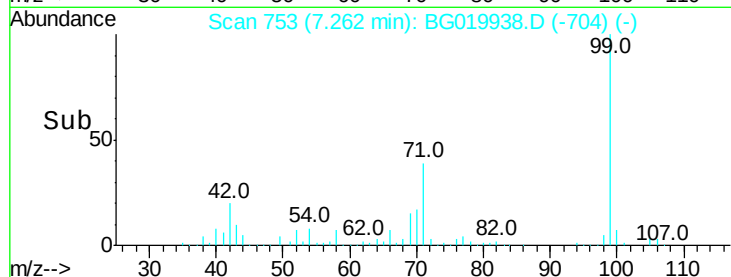
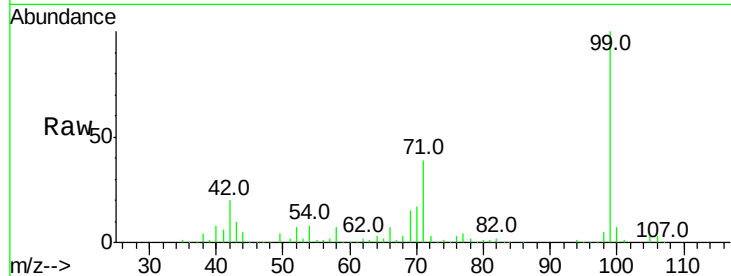
99 100

42 19.9 11.5 17.3#

71 39.5 22.6 34.0#

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.83 ng

RT: 7.68 min Scan# 824

Delta R.T. -0.01 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

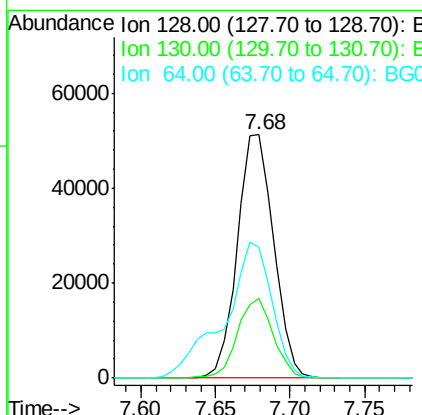
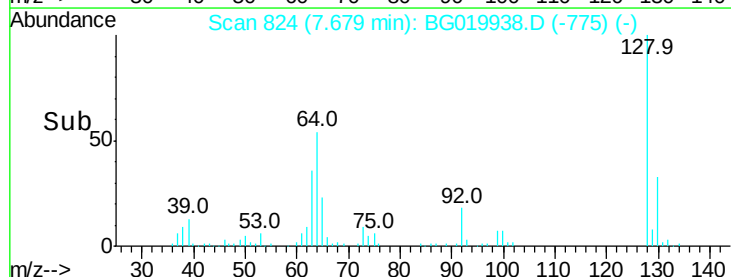
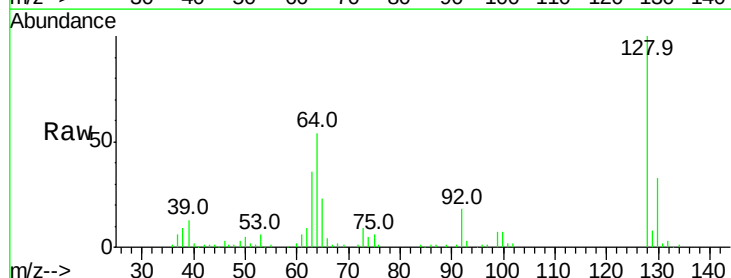
Tgt Ion: 128 Resp: 86624

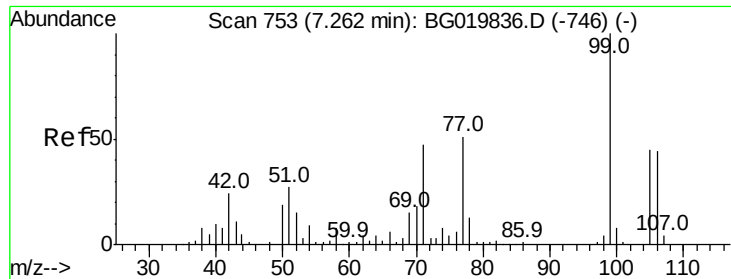
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 53.8 28.2 68.2





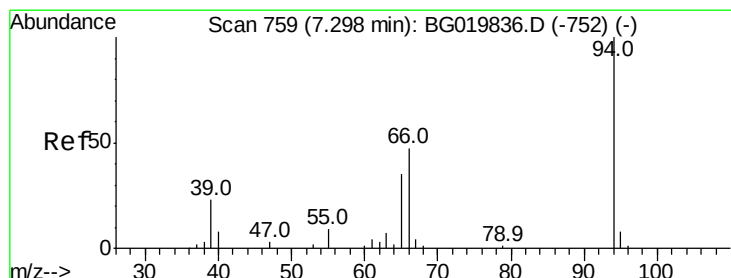
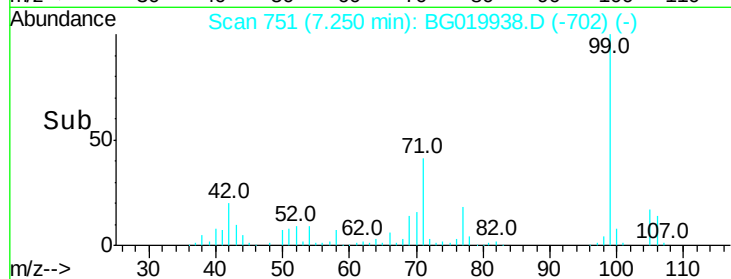
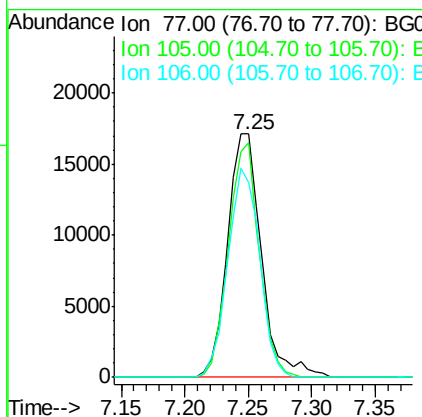
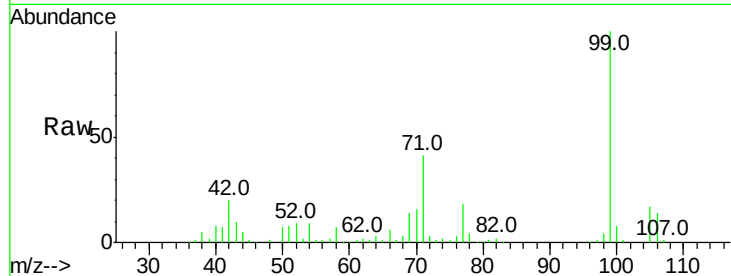
#9
Benzaldehyde
Concen: 18.05 ng
RT: 7.25 min Scan# 751
Delta R.T. -0.01 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
PB86993BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.3	77.7	117.7
106	80.3	75.8	115.8

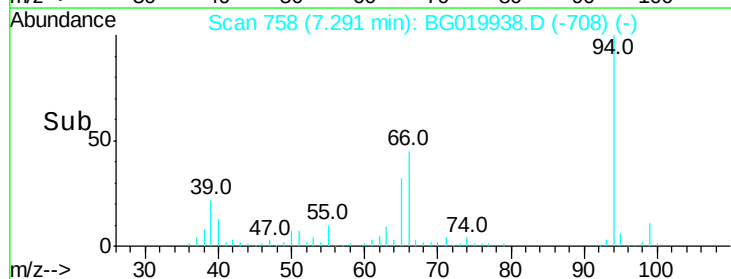
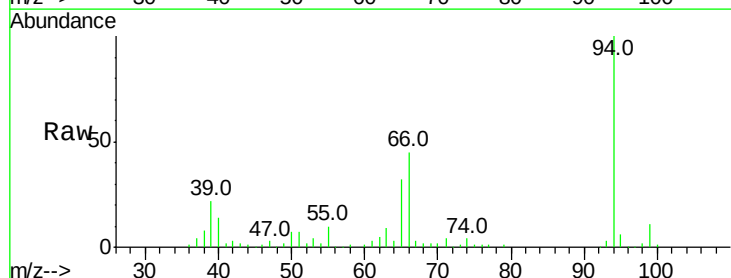
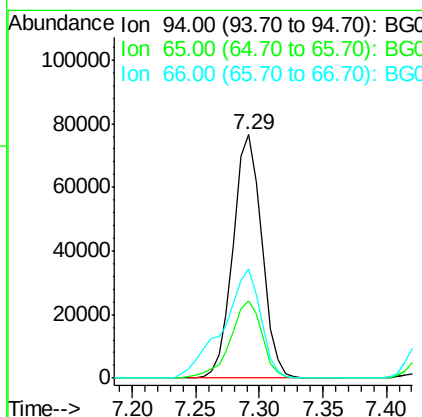
Manual Integrations
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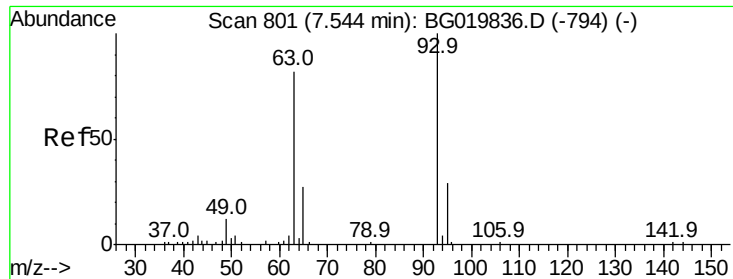
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#10
Phenol
Concen: 43.24 ng
RT: 7.29 min Scan# 758
Delta R.T. -0.01 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.0	5.4	45.4
66	44.6	11.8	51.8





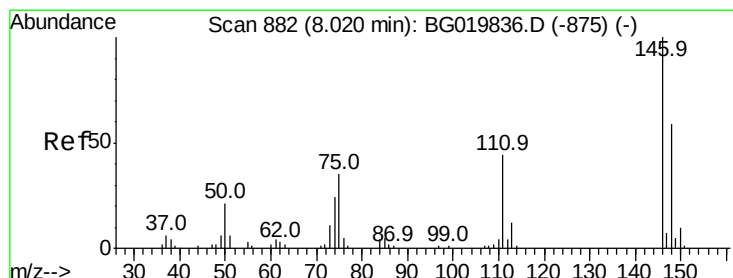
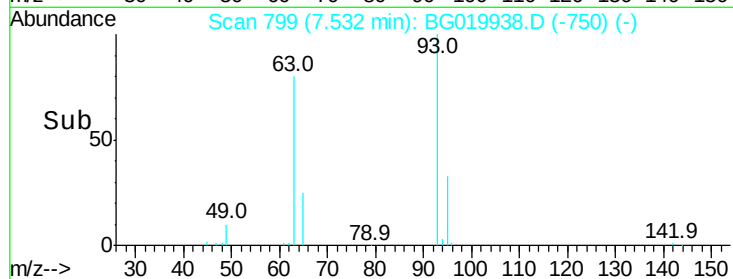
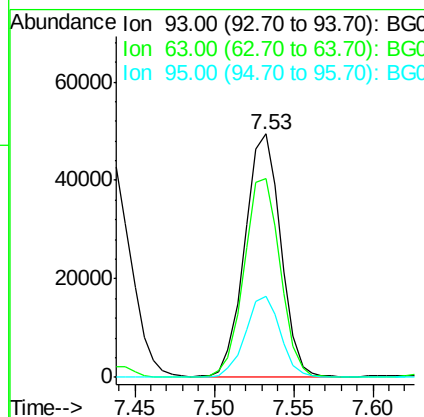
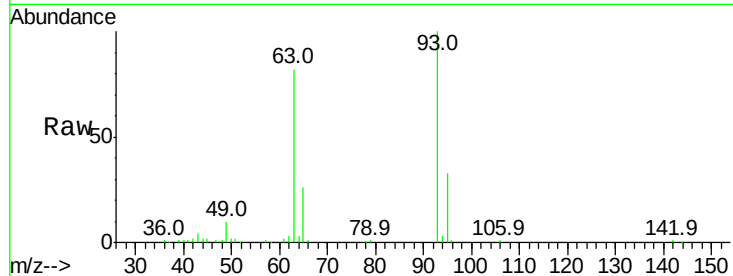
#11
bis(2-Chloroethyl)ether
Concen: 37.83 ng
RT: 7.53 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
PB86993BS

Tot Ion:	93	Resp:	77454
Ion	Ratio	Lower	Upper
93	100		
63	81.8	50.5	90.5
95	33.4	12.2	52.2

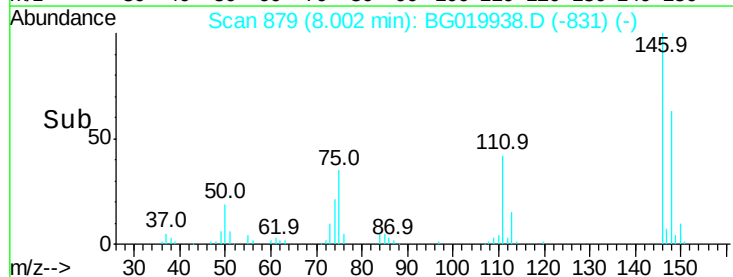
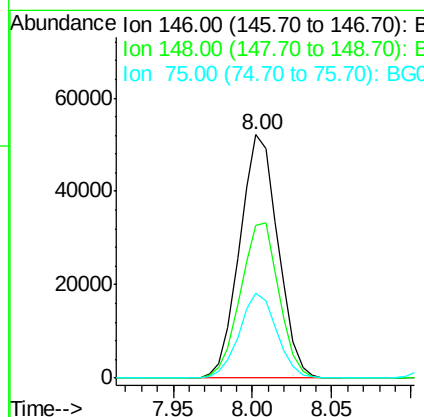
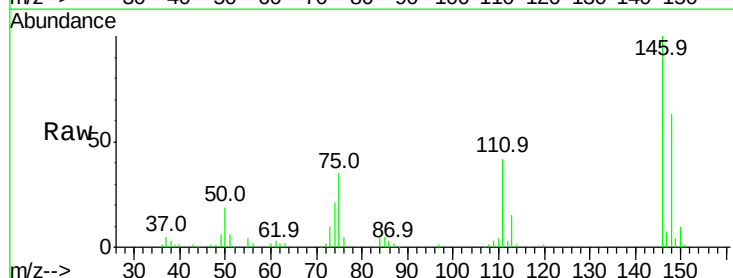
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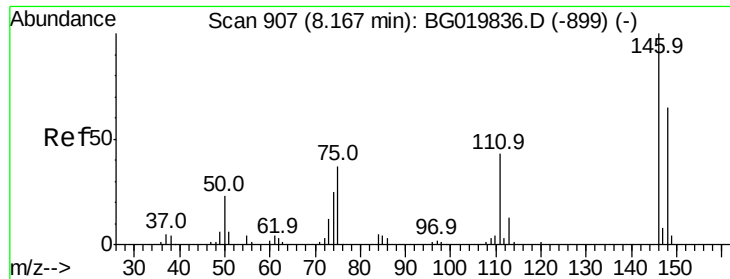
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#12
1,3-Dichlorobenzene
Concen: 36.18 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion:	146	Resp:	86997
Ion	Ratio	Lower	Upper
146	100		
148	62.7	53.4	80.0
75	34.7	21.1	31.7#





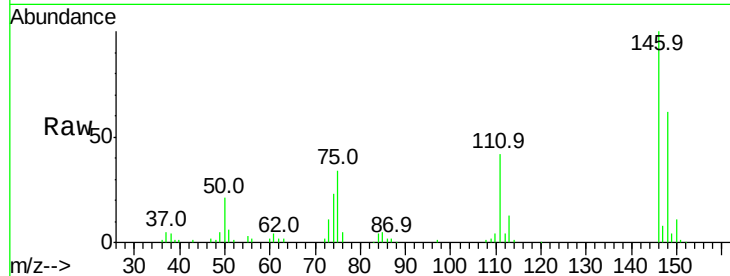
#13
 1,4-Dichlorobenzene
 Concen: 35.35 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BS

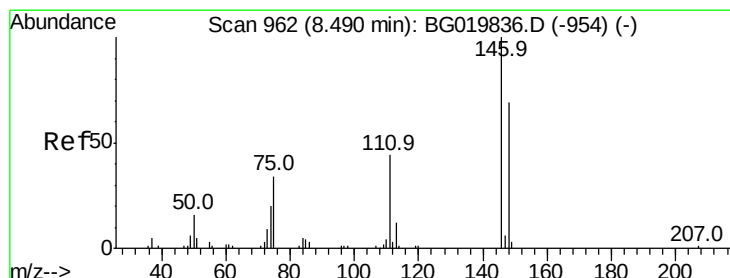
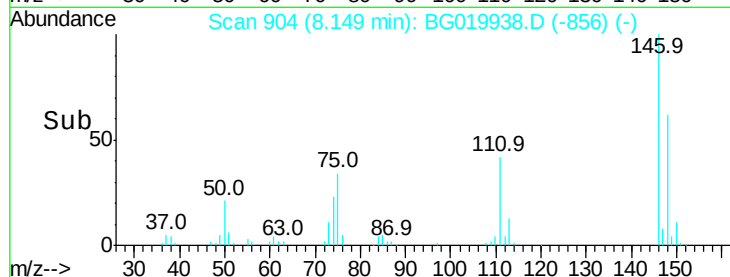
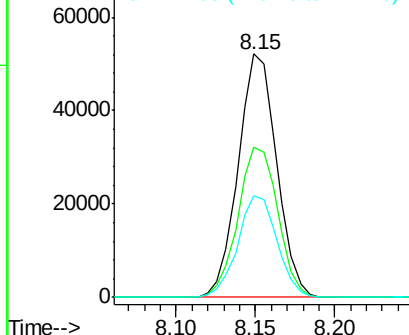
Tot Ion	Ratio	Lower	Upper
146	100		
148	61.5	52.5	78.7
111	41.9	28.3	42.5

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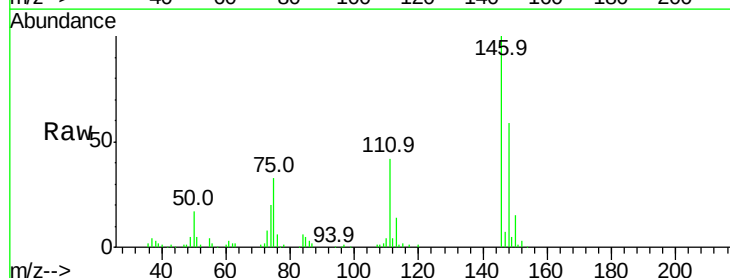


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

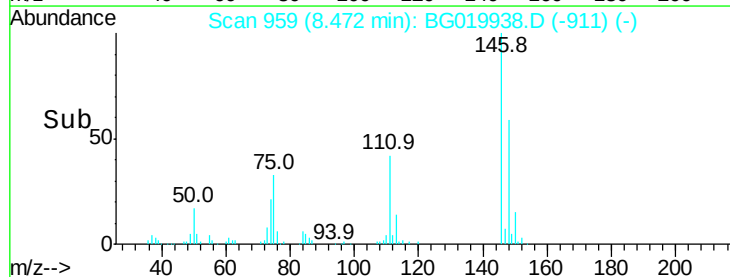
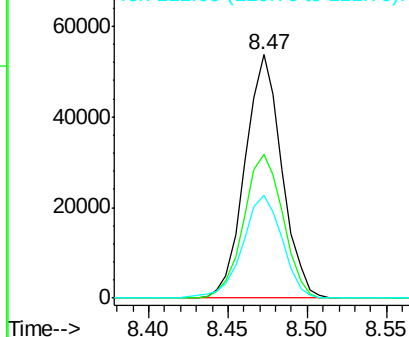


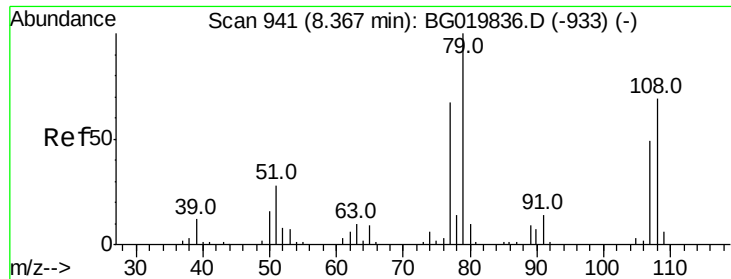
#14
 1,2-Dichlorobenzene
 Concen: 36.51 ng
 RT: 8.47 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.2	52.5	78.7
111	42.1	29.9	44.9



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





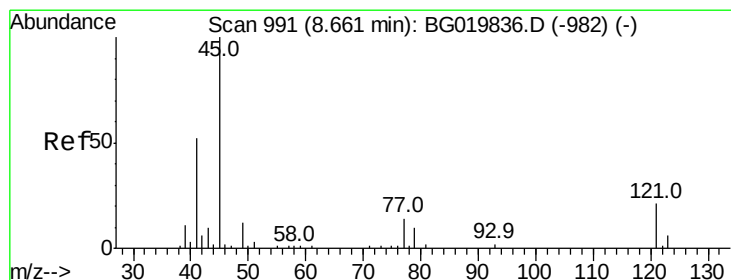
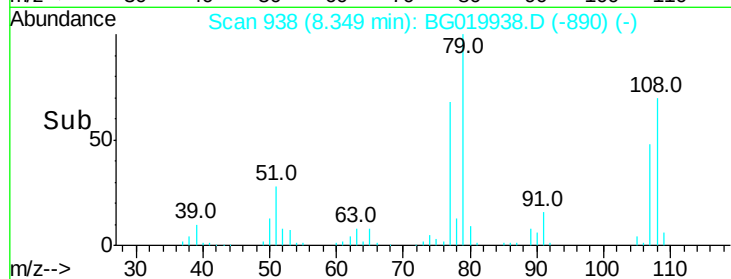
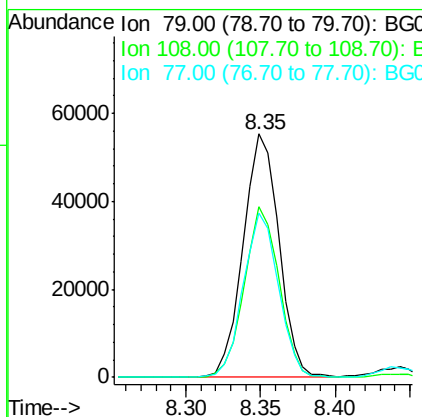
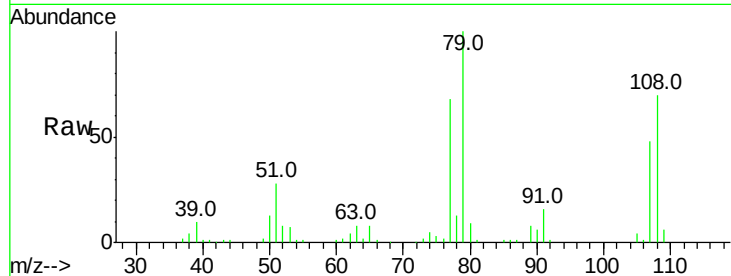
#15
Benzyl Alcohol
Concen: 39.74 ng
RT: 8.35 min Scan# 938
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
PB86993BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.9	65.5	98.3
77	67.5	51.3	76.9

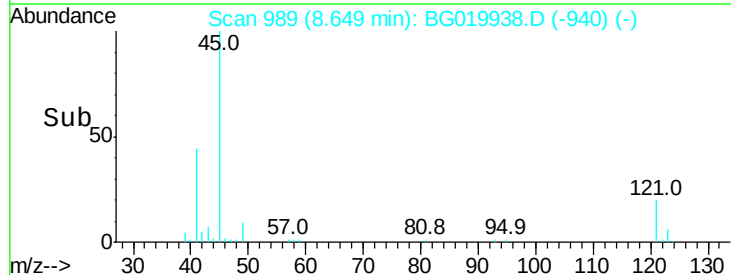
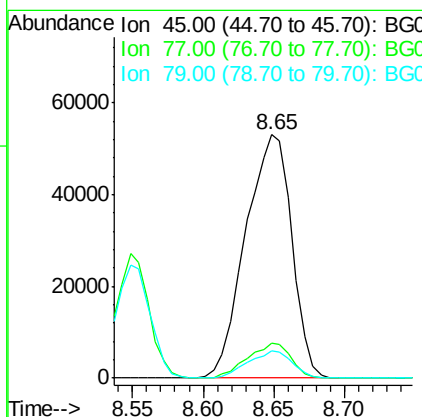
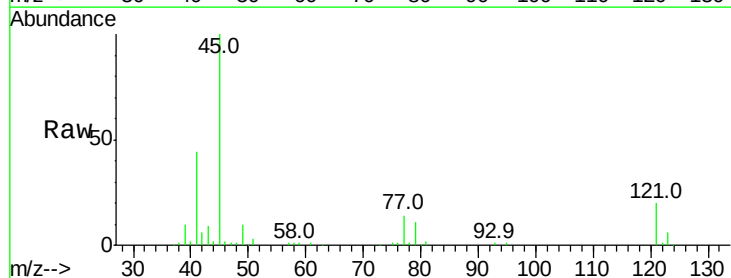
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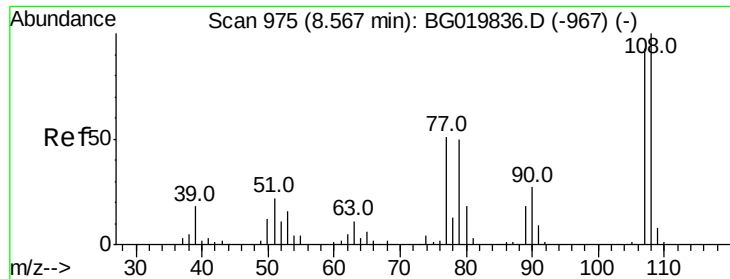
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.26 ng
RT: 8.65 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	37.0
79	11.0	0.0	33.8





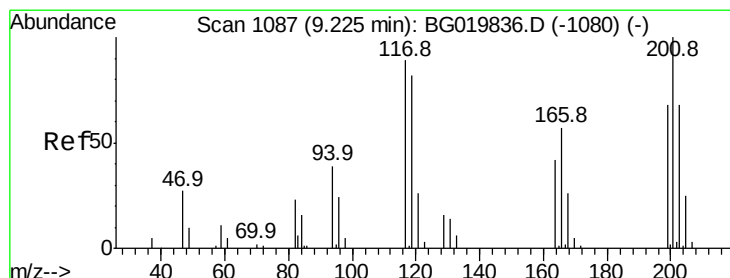
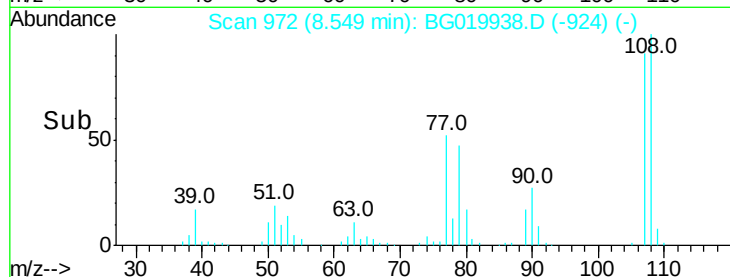
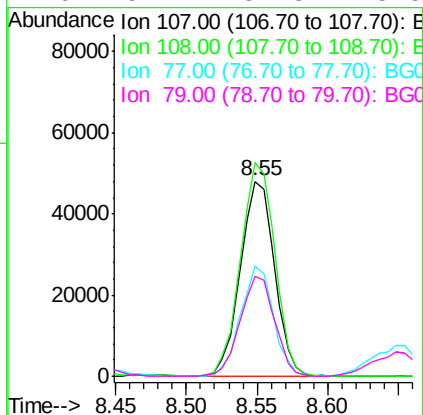
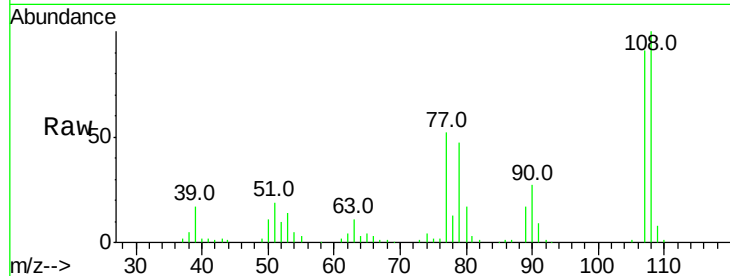
#17
2-Methylphenol
Concen: 41.73 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
PB86993BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.7	86.5	129.7
77	56.8	34.6	51.8
79	51.2	32.3	48.5

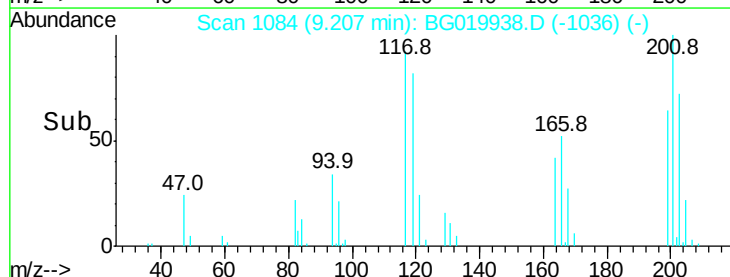
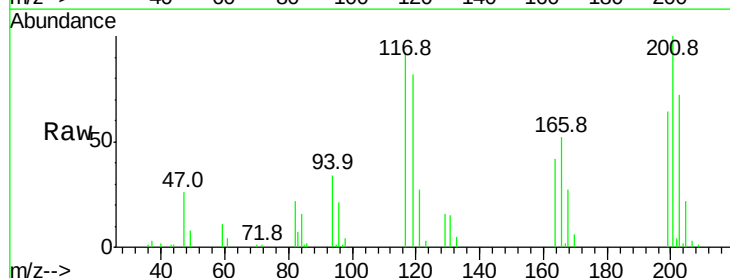
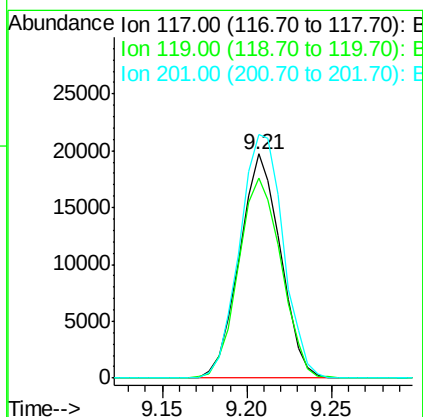
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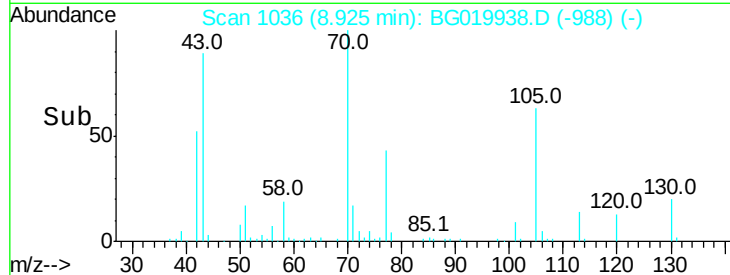
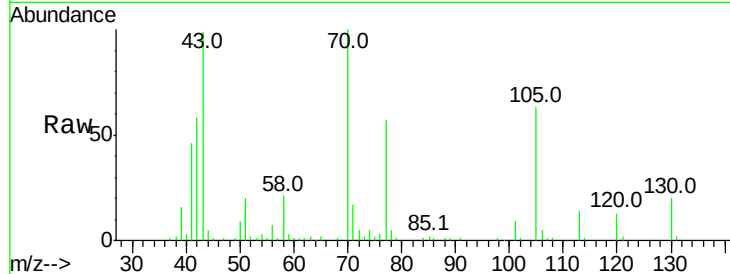
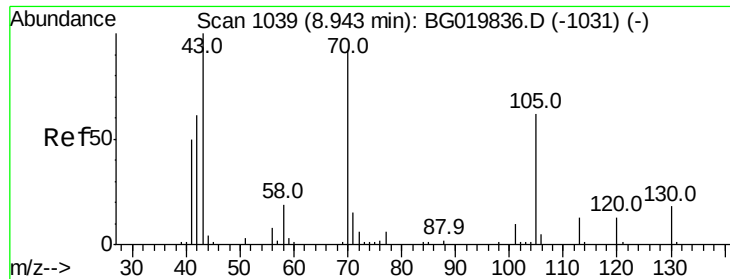
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#18
Hexachloroethane
Concen: 35.76 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.3	71.7	107.5
201	112.5	90.9	136.3





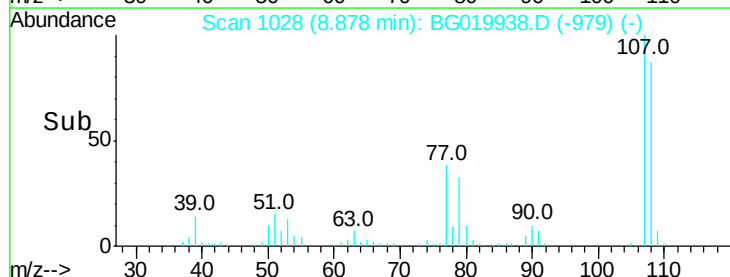
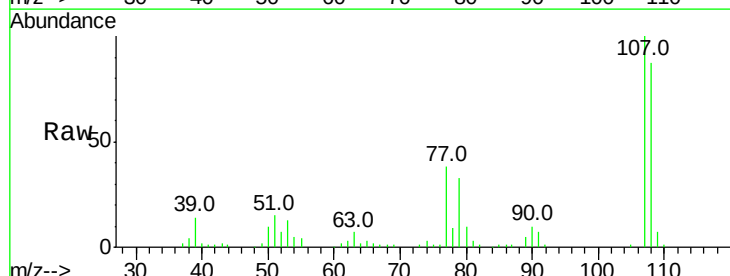
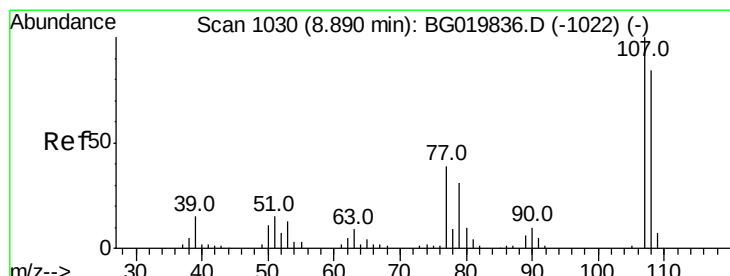
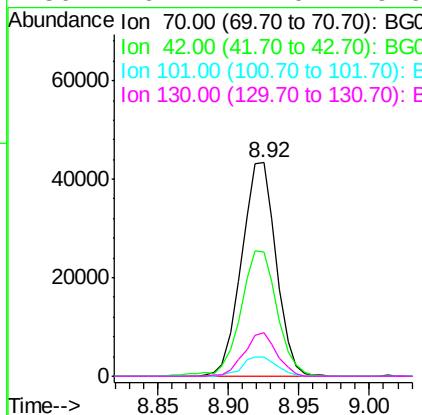
#19
n-Nitroso-di-n-propylamine
Concen: 35.84 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
PB86993BS

Manual Integrations
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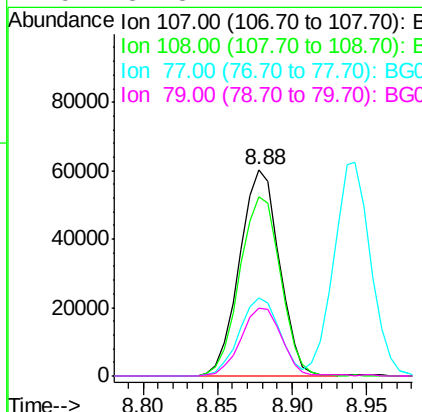
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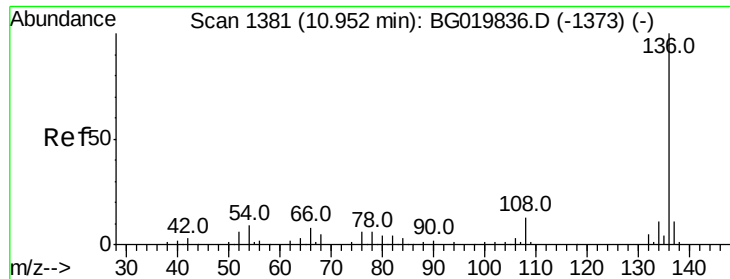
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.0	40.6	60.8	
101	8.8	8.6	13.0	
130	20.2	17.0	25.6	



#20
3+4-Methylphenols
Concen: 40.62 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.0	72.2	112.2	
77	38.1	13.4	53.4	
79	32.8	7.2	47.2	





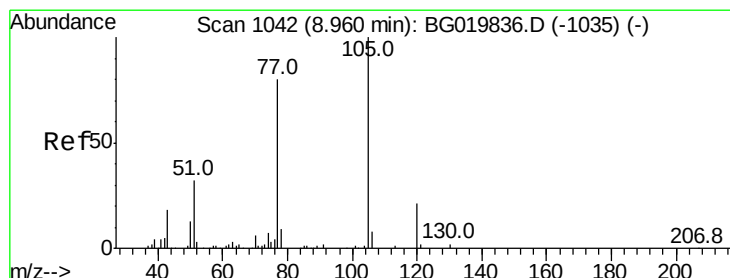
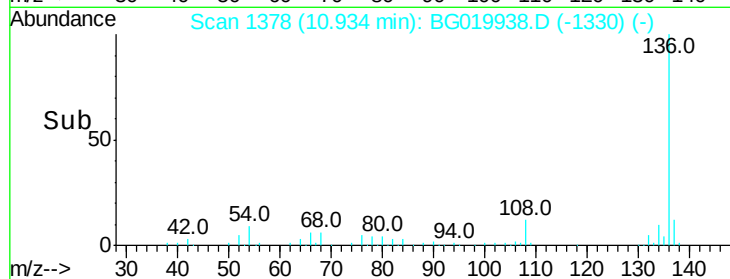
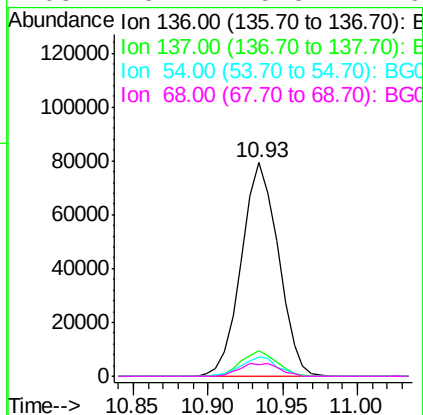
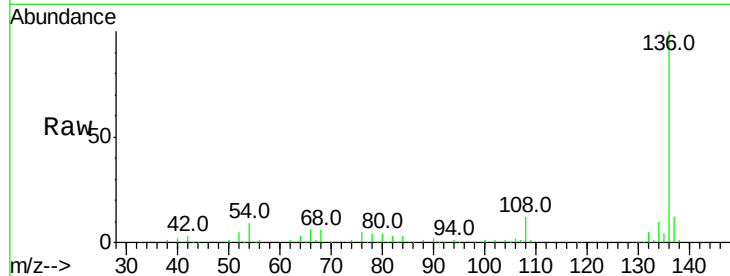
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
PB86993BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.0	8.6	12.8	
54	8.9	5.4	8.2#	
68	5.7	5.3	7.9	

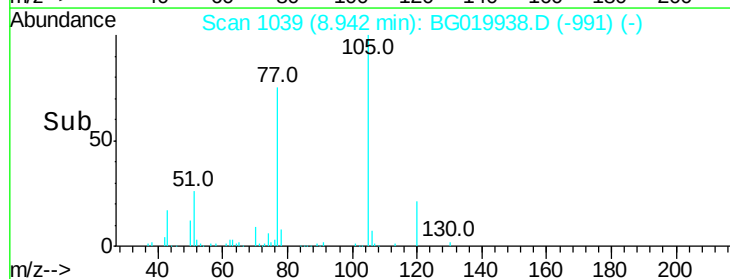
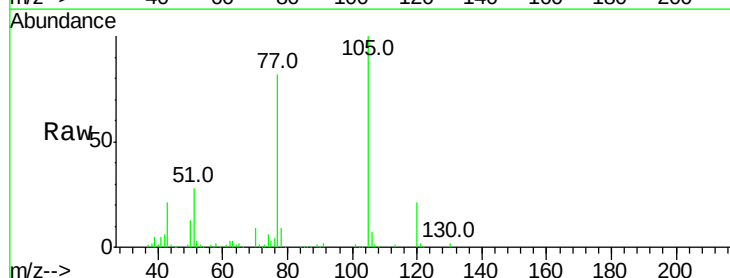
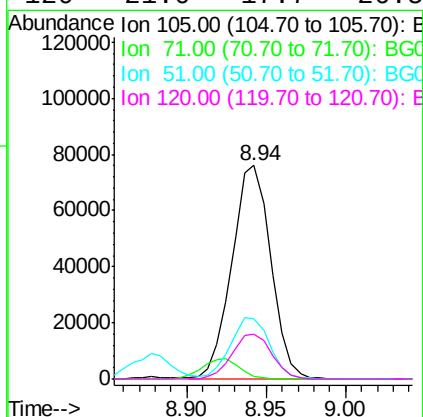
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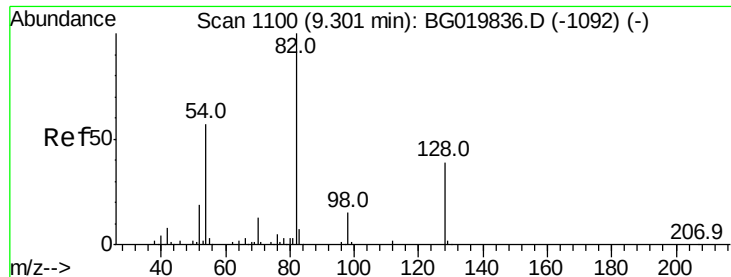
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#22
Acetophenone
Concen: 35.00 ng
RT: 8.94 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.4	2.1	3.1#	
51	28.1	17.8	26.8#	
120	21.0	17.7	26.5	





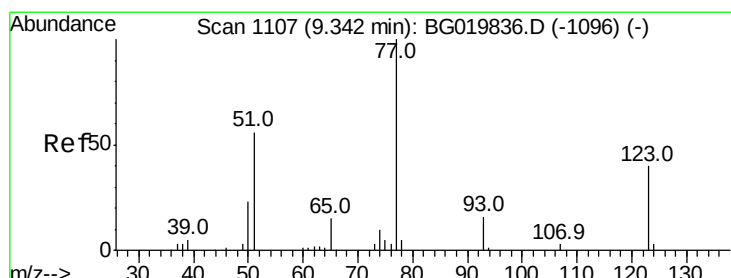
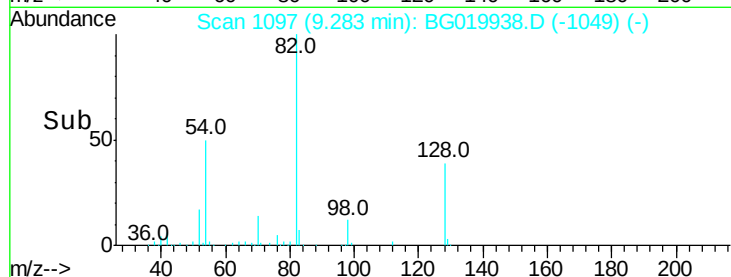
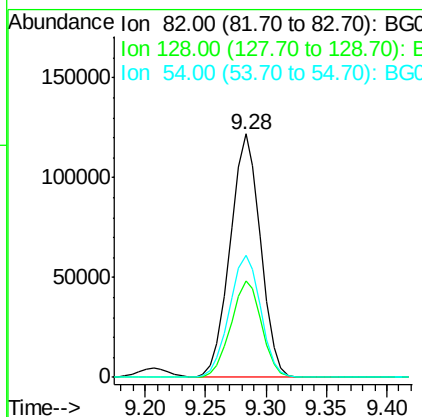
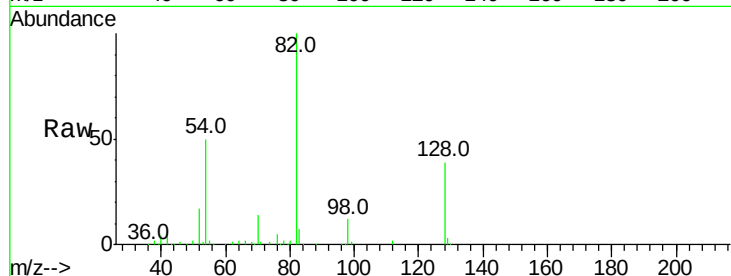
#23
Nitrobenzene-d5
Concen: 80.20 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
PB86993BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	213173		
128	39.4	36.7	55.1	
54	50.1	33.8	50.8	

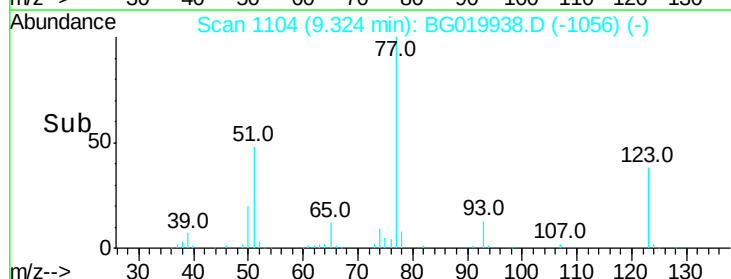
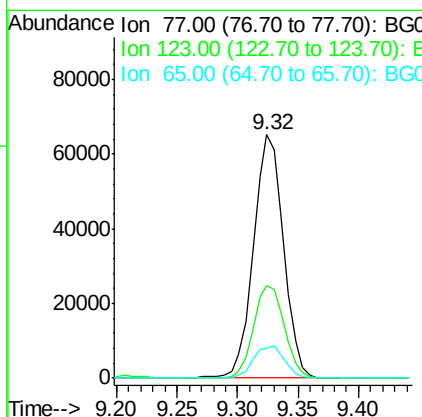
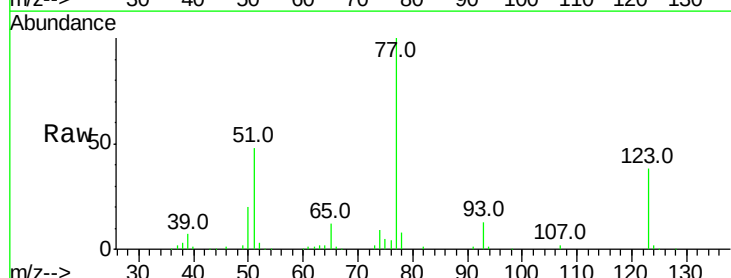
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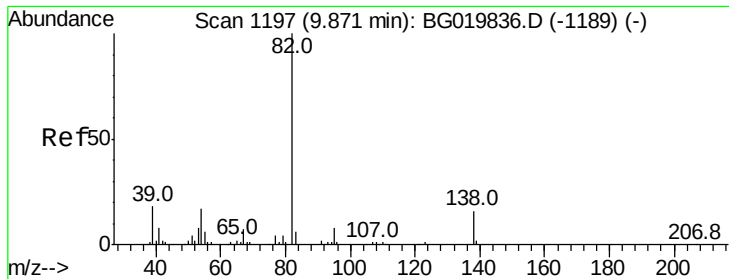
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#24
Nitrobenzene
Concen: 39.01 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	112477		
123	38.1	38.2	57.2#	
65	12.3	10.6	16.0	





#25

Isophorone

Concen: 35.11 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

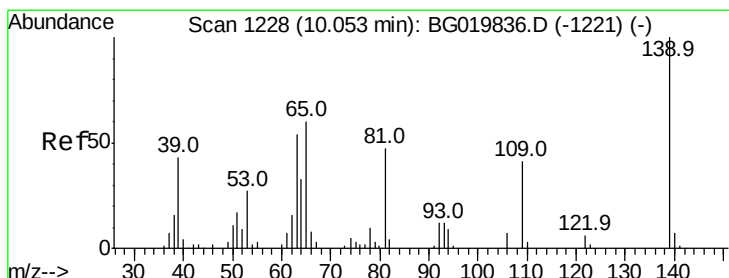
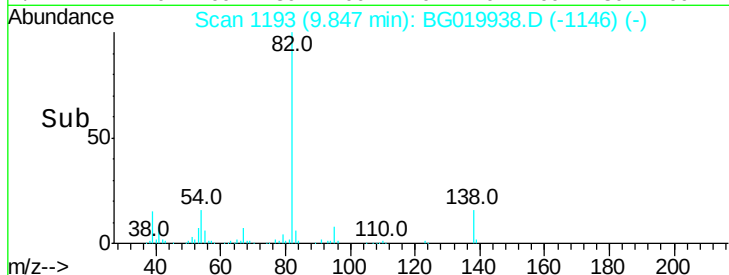
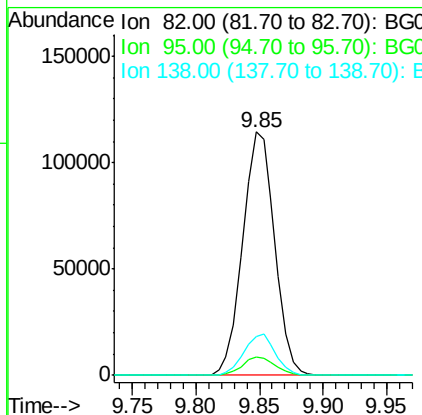
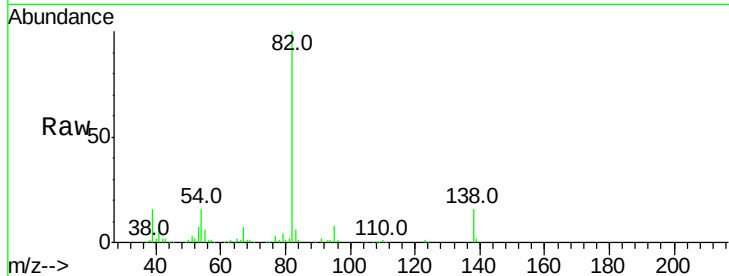
ClientSampleId :

PB86993BS

Tot Ion:	82	Resp:	200108
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.2	7.8
138	15.9	14.4	21.6

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#26

2-Nitrophenol

Concen: 42.14 ng

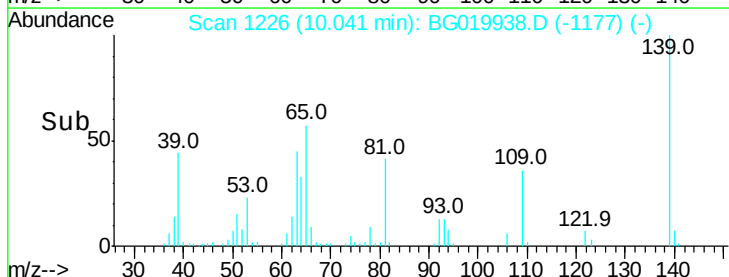
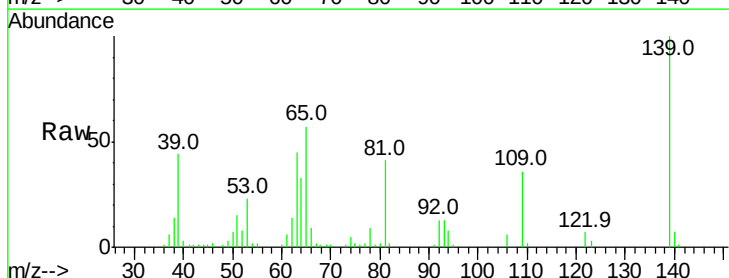
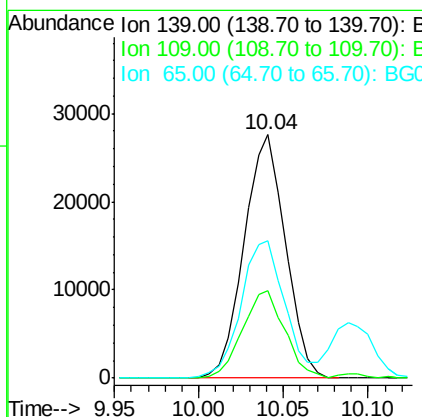
RT: 10.04 min Scan# 1226

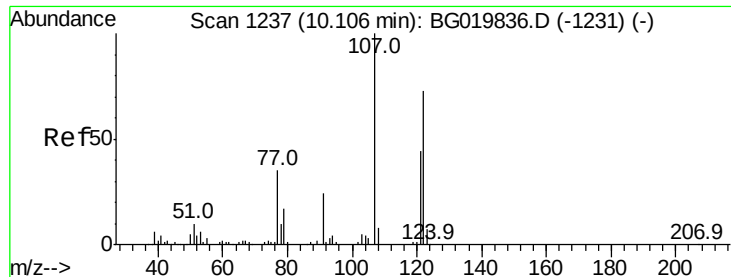
Delta R.T. -0.01 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Tgt Ion:	139	Resp:	46932
Ion Ratio	Lower	Upper	
139	100		
109	36.0	20.1	30.1#
65	56.6	34.1	51.1#





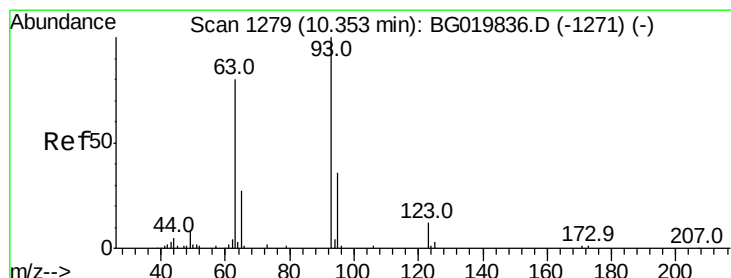
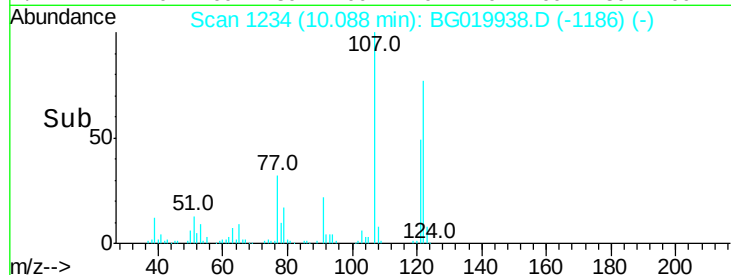
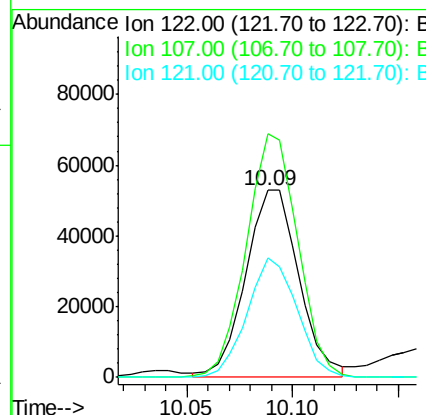
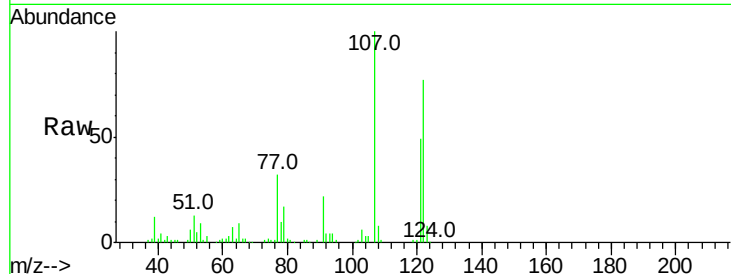
#27
2,4-Dimethylphenol
Concen: 39.75 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
PB86993BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	92185		
107	130.2	91.6	137.4	
121	64.2	47.3	70.9	

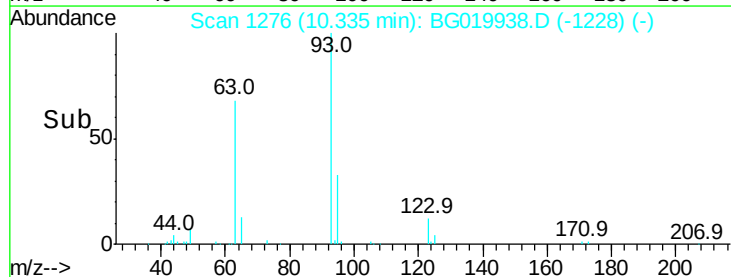
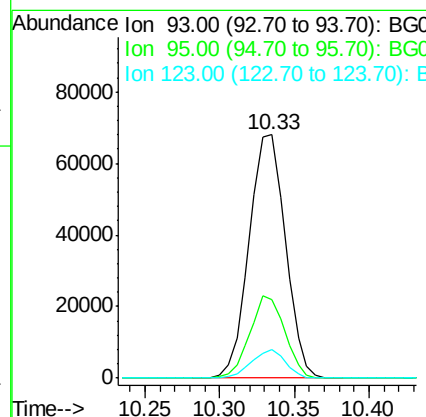
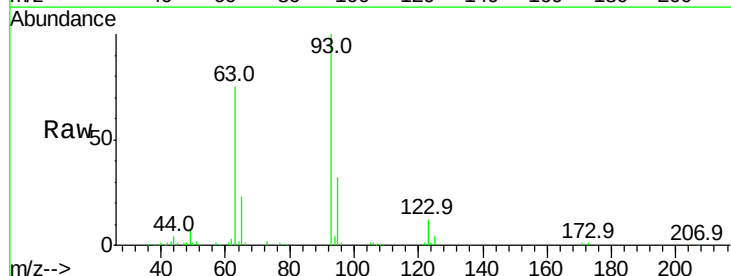
Manual Integrations
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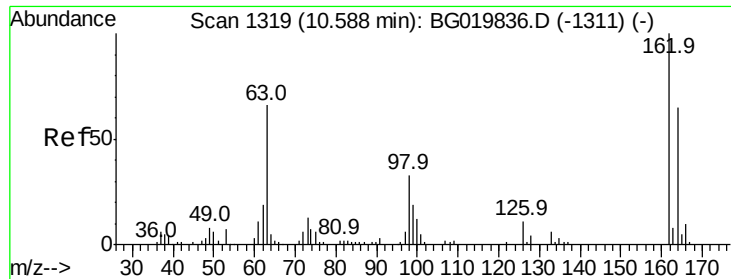
Mmdadoda
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#28
bis(2-Chloroethoxy)methane
Concen: 41.07 ng
RT: 10.33 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	114354		
95	32.2	25.7	38.5	
123	12.0	8.6	12.8	





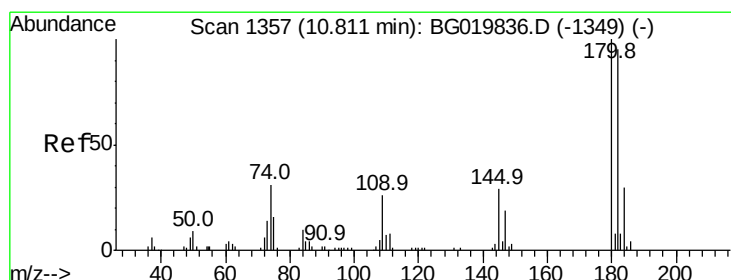
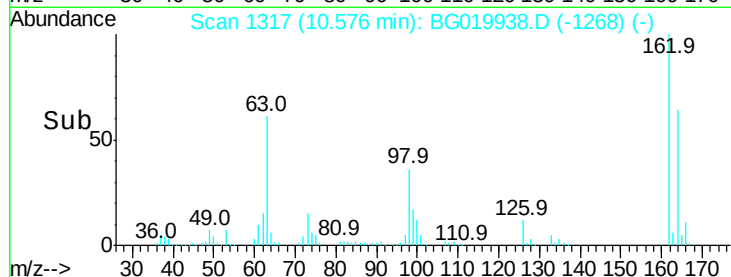
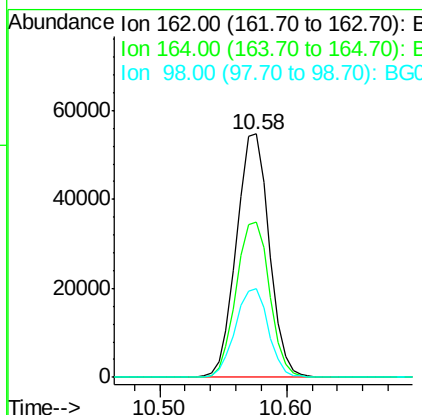
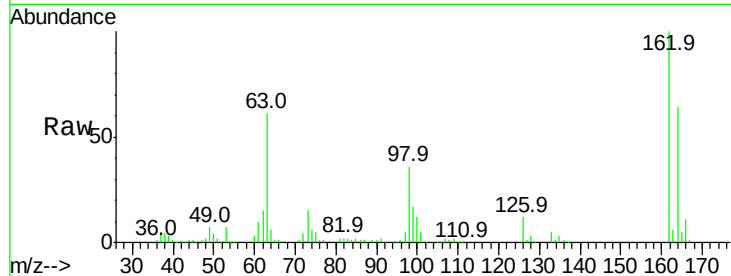
#29
 2,4-Dichlorophenol
 Concen: 41.60 ng
 RT: 10.58 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.0	42.3	82.3
98	36.4	11.5	51.5

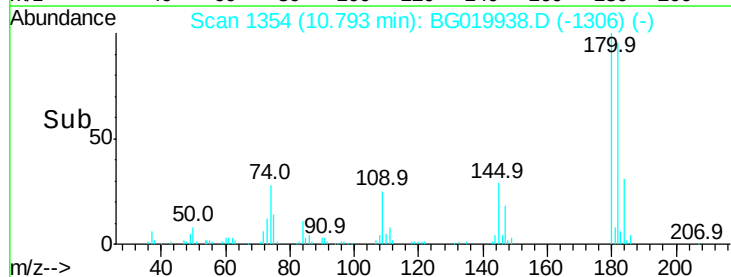
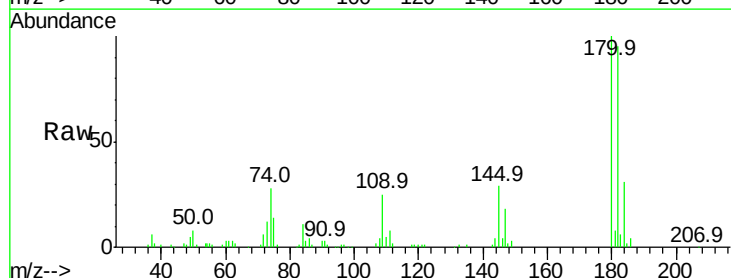
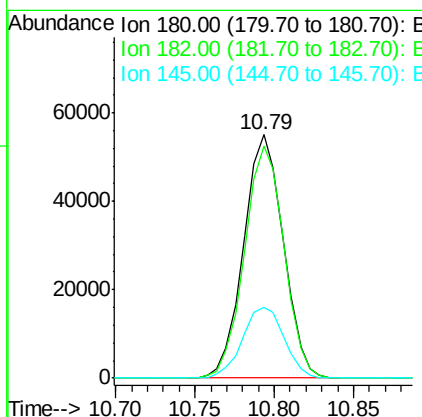
Manual Integrations
 APPROVED

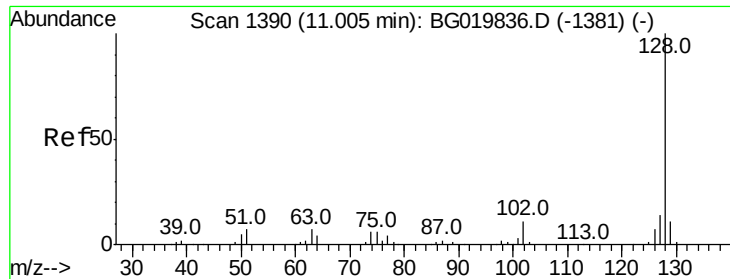
Mmdadoda
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.73 ng
 RT: 10.79 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.3	79.7	119.5
145	28.9	22.0	33.0





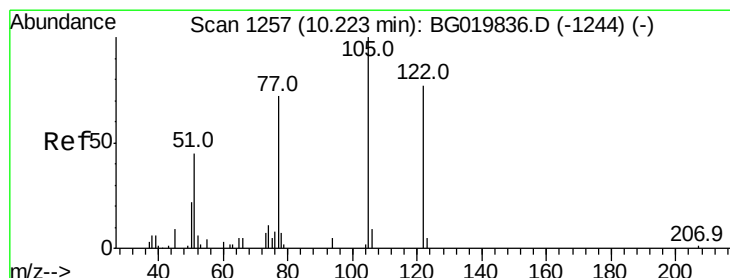
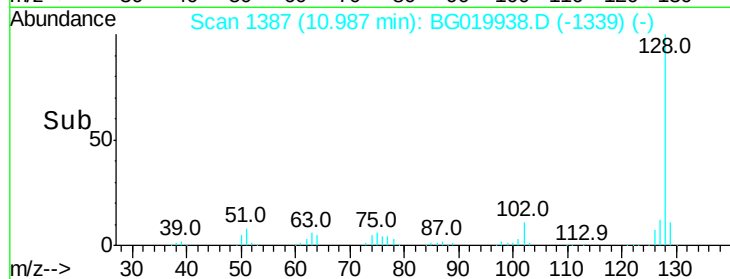
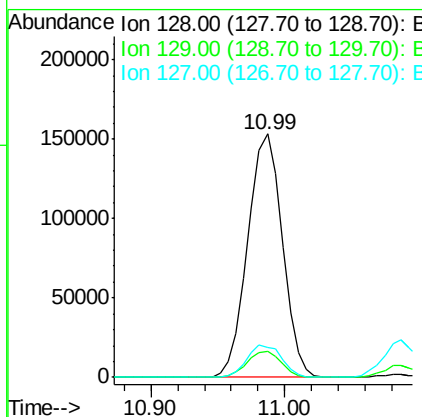
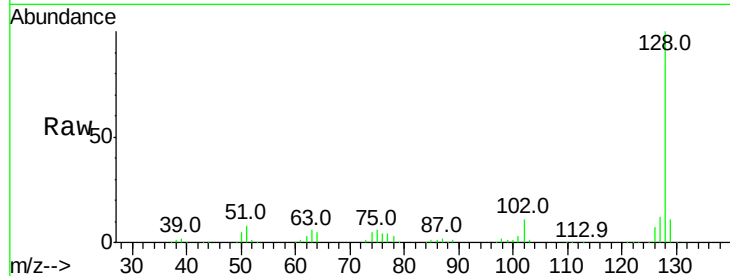
#31
Naphthalene
Concen: 37.82 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
PB86993BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.5	12.7
127	12.4	10.6	16.0

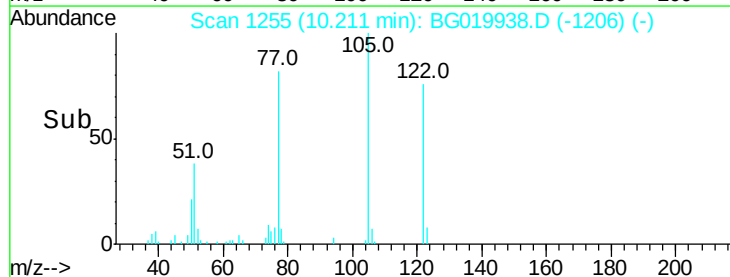
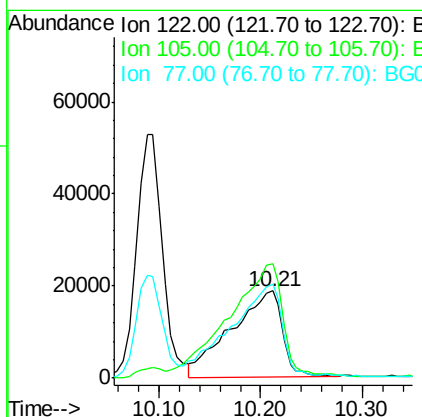
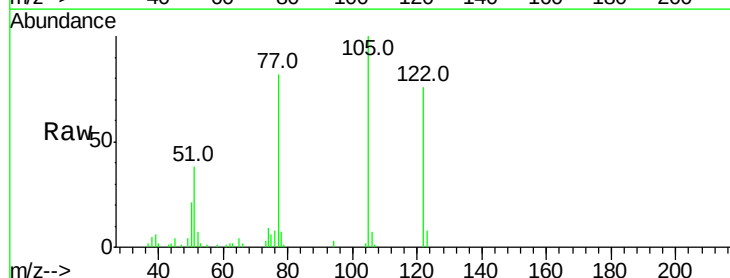
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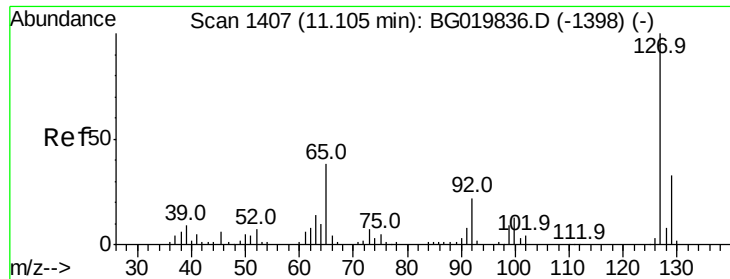
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12/7/2015 6:29:47 PM



#32
Benzoic acid
Concen: 42.41 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.8	103.8	143.8
77	107.3	68.8	108.8





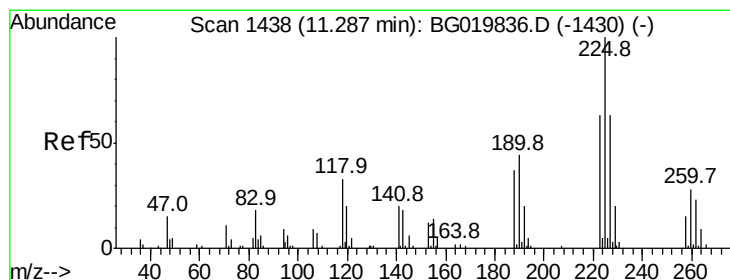
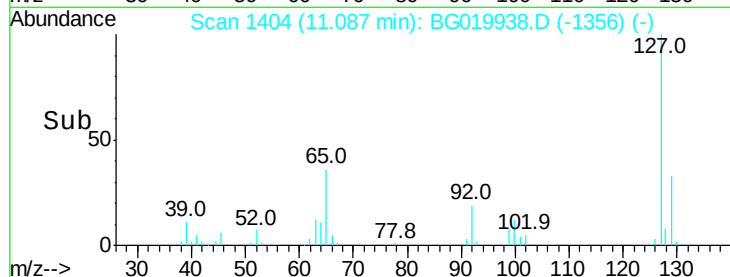
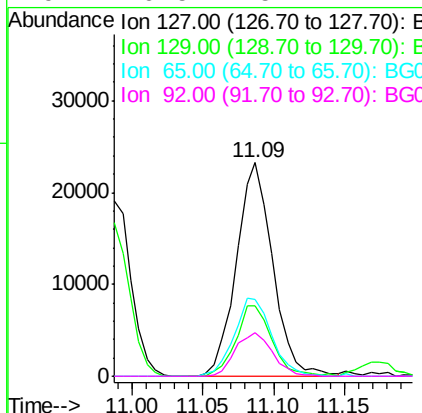
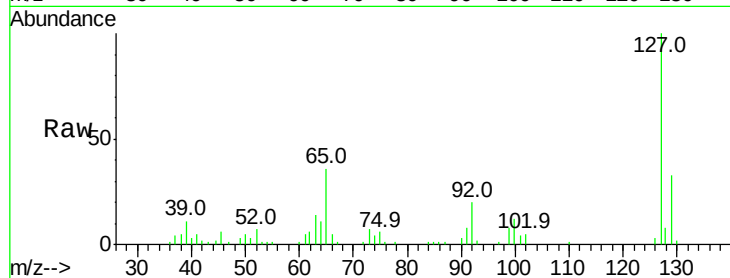
#33
4-Chloroaniline
Concen: 13.09 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
PB86993BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	24.6	37.0
65	36.2	22.6	33.8
92	20.5	15.1	22.7

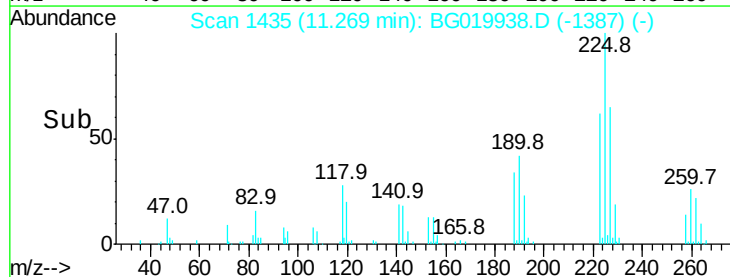
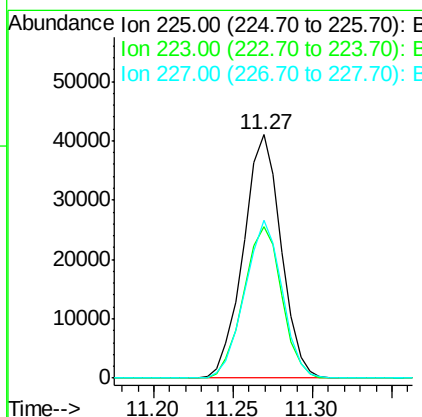
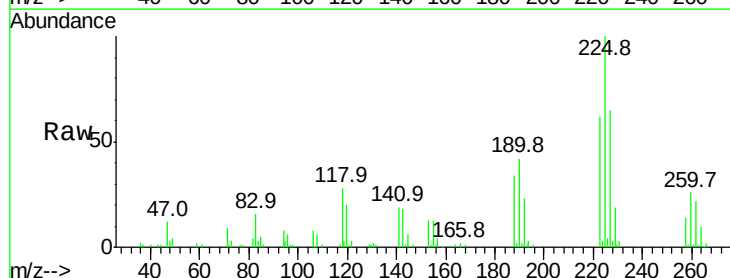
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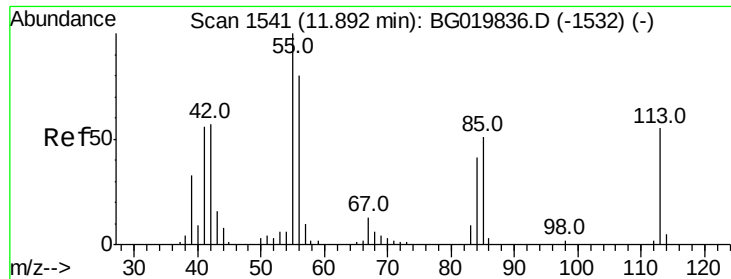
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12/7/2015 6:29:47 PM



#34
Hexachlorobutadiene
Concen: 34.33 ng
RT: 11.27 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.0	76.4
227	68.0	51.8	77.8





#35

Caprolactam

Concen: 40.56 ng/ml

RT: 11.86 min Scan# 1536

Delta R.T. -0.03 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

ClientSampleId :

PB86993BS

Tot Ion:113 Resp: 35766

Ion Ratio Lower Upper

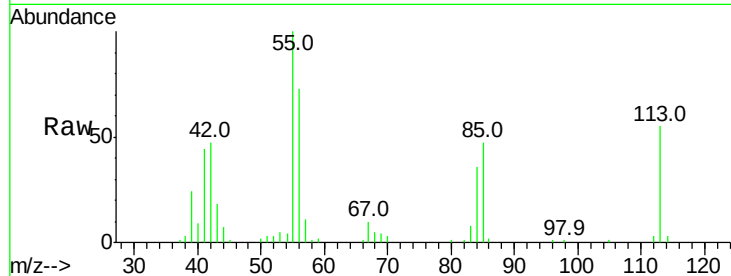
113 100

55 183.1 135.0 175.0#

56 133.9 83.4 123.4#

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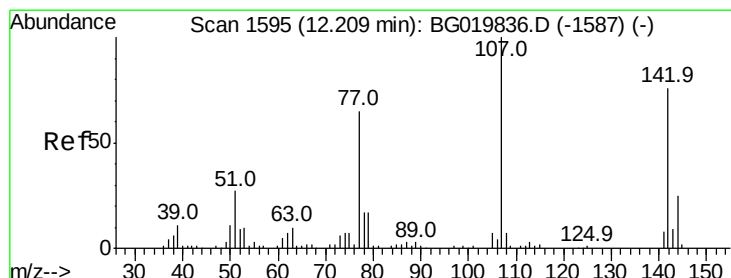
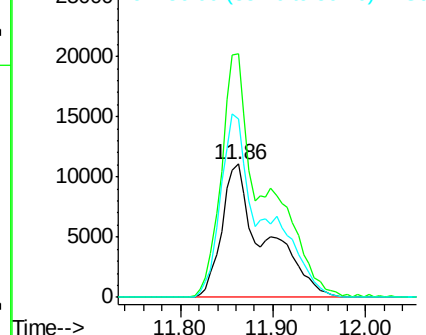
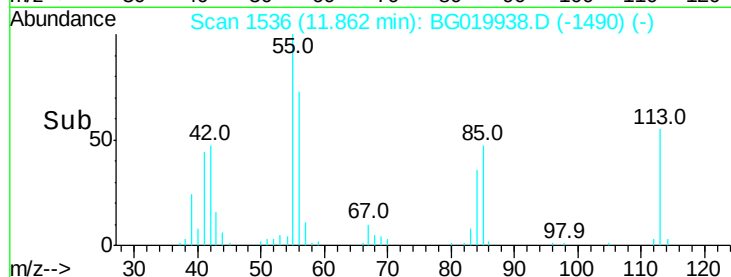
Mmdadoda
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Abundance Ion 113.00 (112.70 to 113.70): E

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: 39.44 ng/ml

RT: 12.20 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

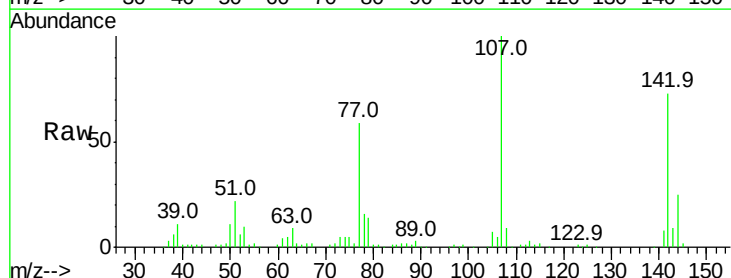
Tgt Ion:107 Resp: 116378

Ion Ratio Lower Upper

107 100

144 25.4 20.6 31.0

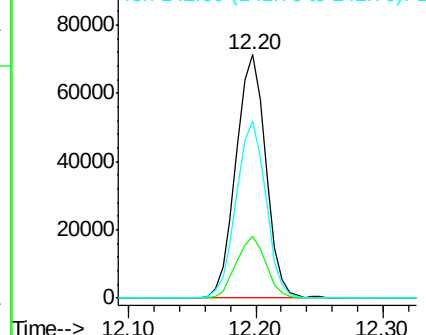
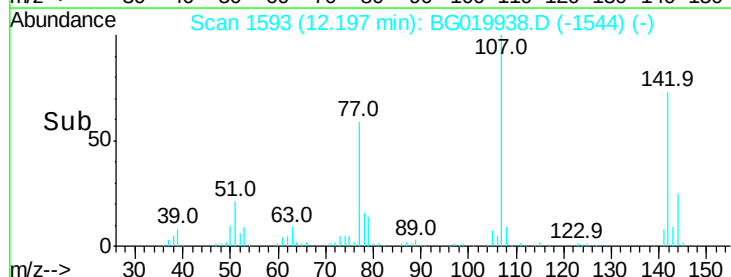
142 72.7 62.6 93.8

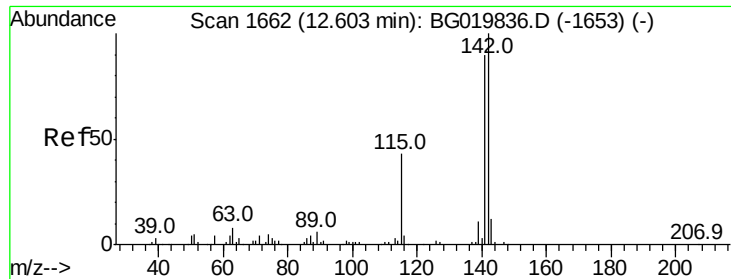


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.79 ng

RT: 12.59 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

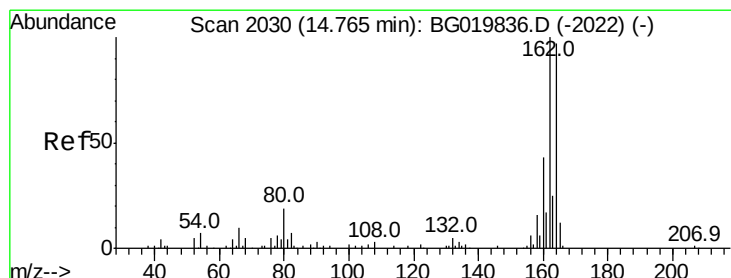
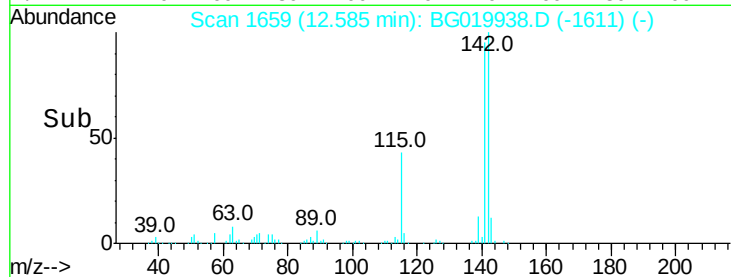
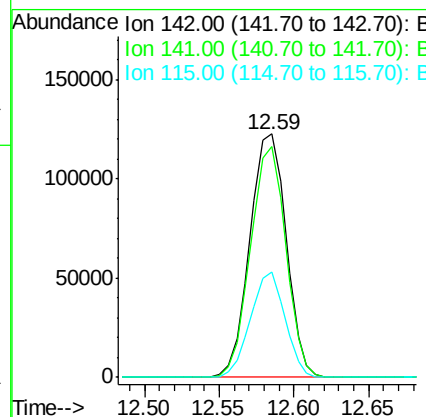
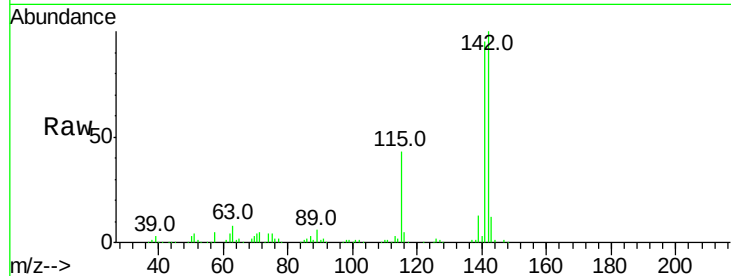
ClientSampleId :

PB86993BS

Tot Ion:	142	Resp:	206609
Ion Ratio	Lower	Upper	
142	100		
141	95.0	74.6	112.0
115	43.3	27.4	41.0#

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#38

Acenaphthene-d10

Concen: 20.00 ng

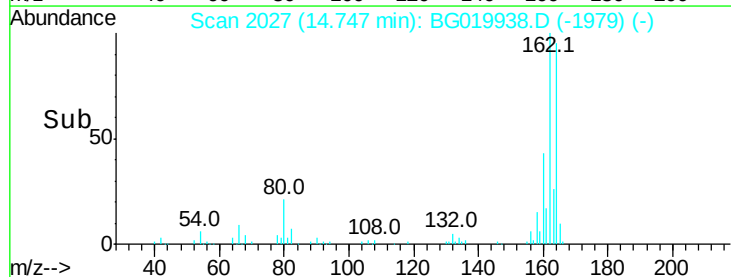
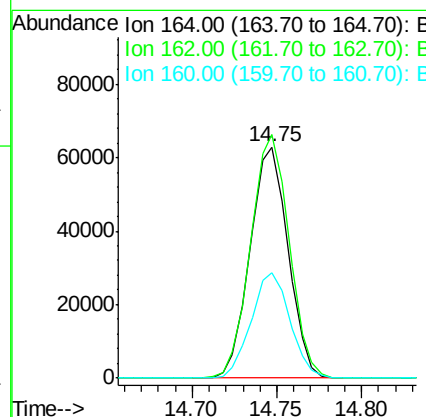
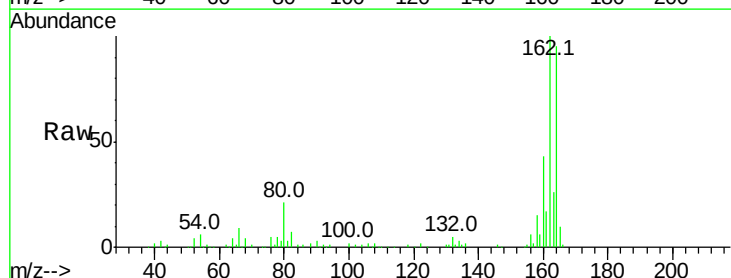
RT: 14.75 min Scan# 2027

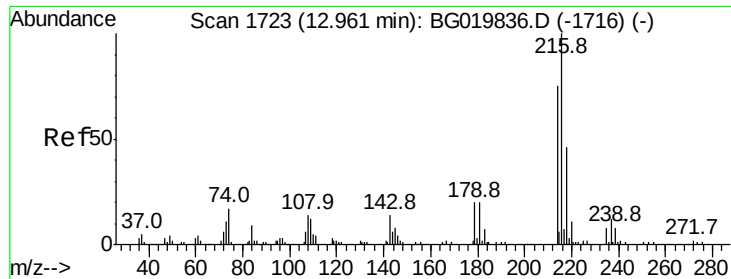
Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Tgt Ion:	164	Resp:	98413
Ion Ratio	Lower	Upper	
164	100		
162	105.4	78.8	118.2
160	45.4	36.4	54.6





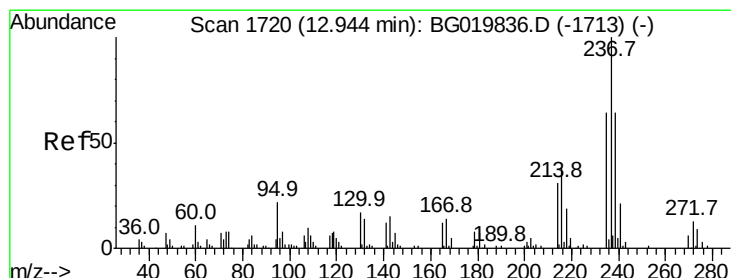
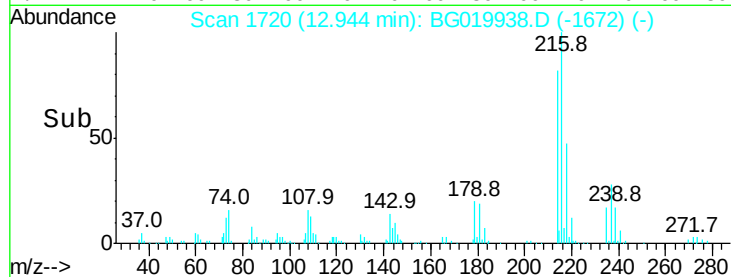
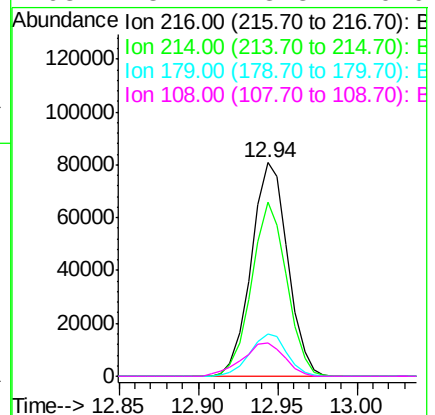
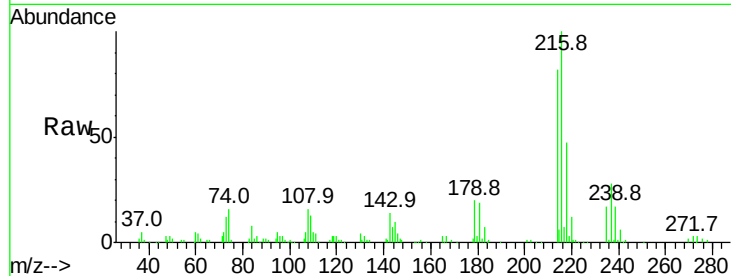
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.64 ng
 RT: 12.94 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	129359		
214	78.3	62.5	93.7	
179	20.0	15.6	23.4	
108	18.2	13.3	19.9	

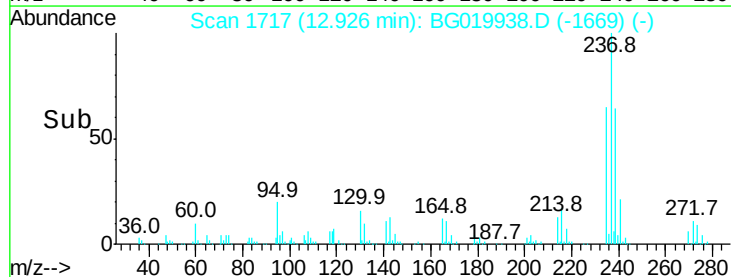
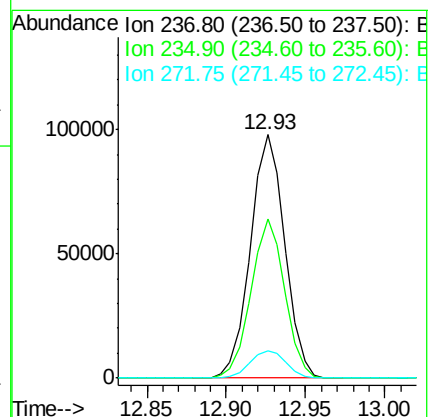
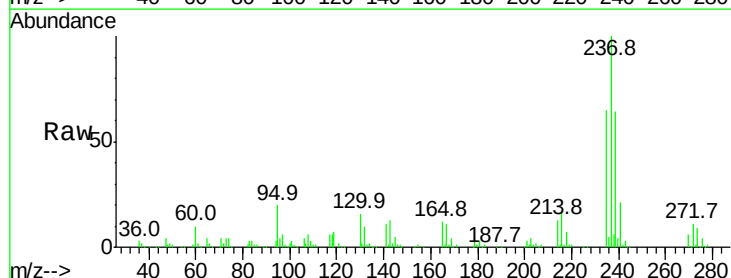
Manual Integrations
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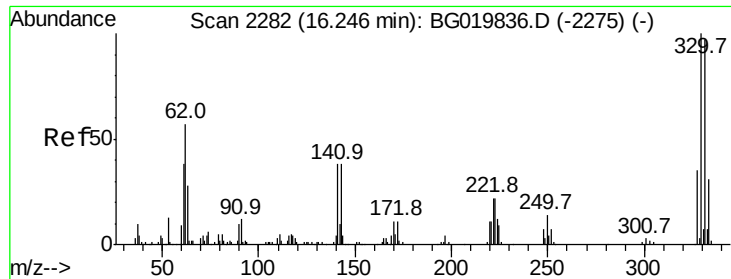
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 12/7/2015 6:29:47 PM



#40
 Hexachlorocyclopentadiene
 Concen: 69.28 ng
 RT: 12.93 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	147525		
235	65.2	44.6	84.6	
272	11.0	0.0	32.8	





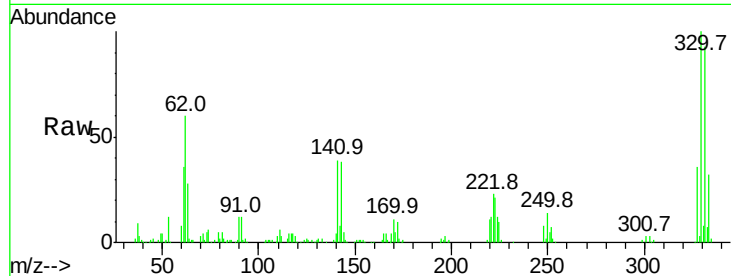
#41
 2,4,6-Tribromophenol
 Concen: 110.69 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	166676		
332	95.2	78.1	117.1	
141	37.7	28.2	42.2	

Manual Integrations
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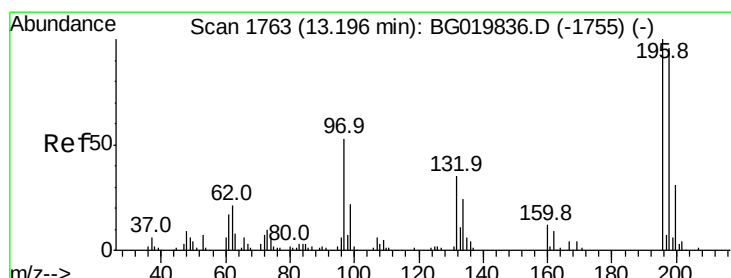
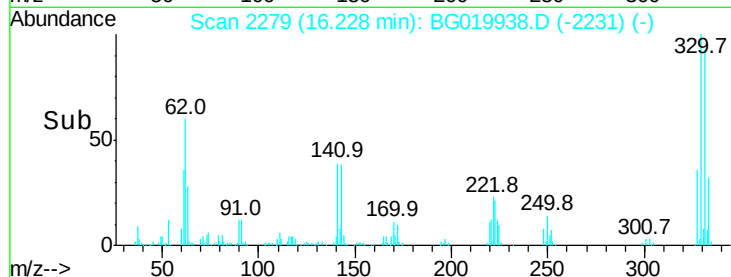
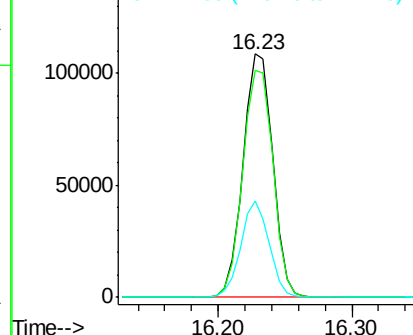


Abundance

Ion 329.80 (329.50 to 330.50): E

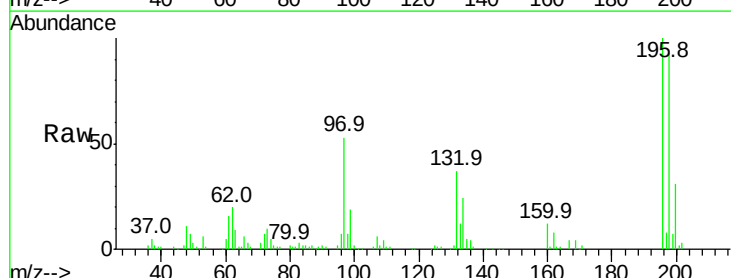
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 37.41 ng
 RT: 13.18 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	92502		
198	93.3	74.7	112.1	
200	30.7	24.1	36.1	

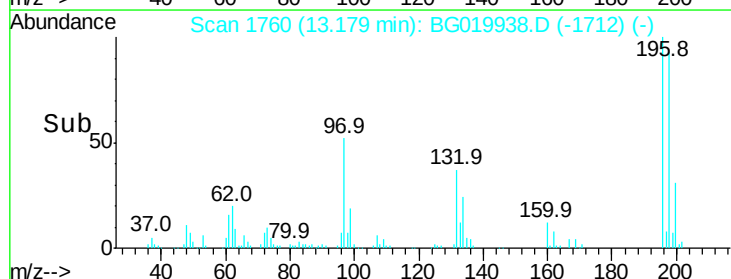
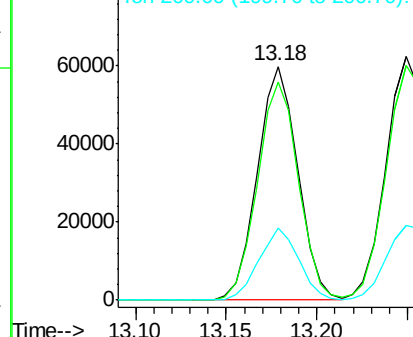


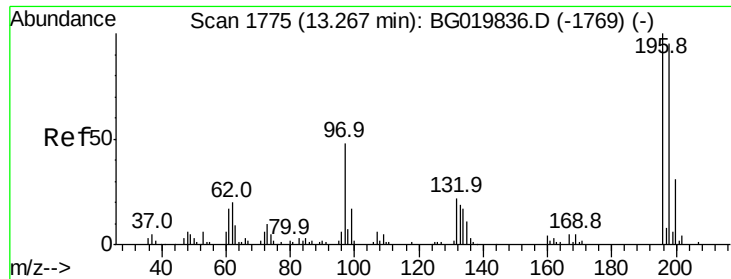
Abundance

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





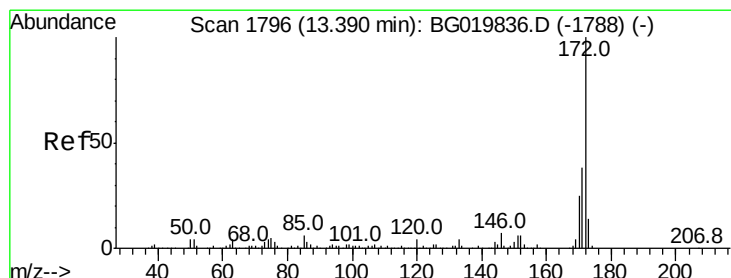
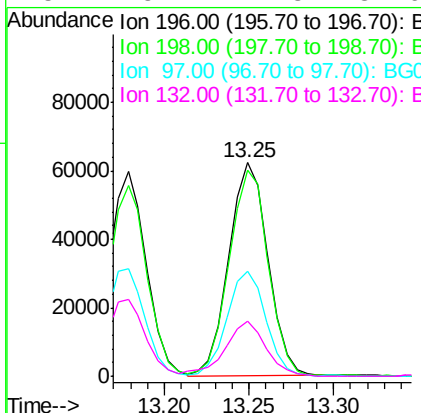
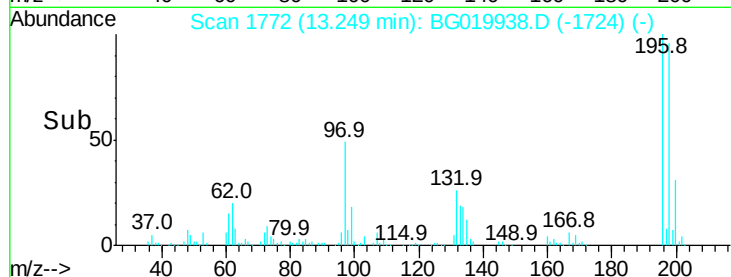
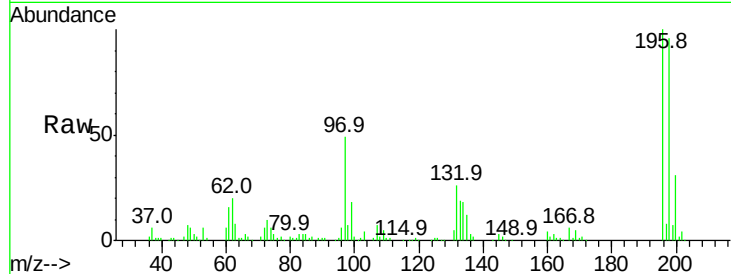
#43
 2,4,5-Trichlorophenol
 Concen: 38.24 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BS

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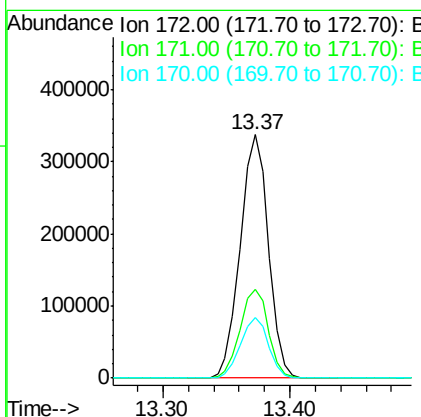
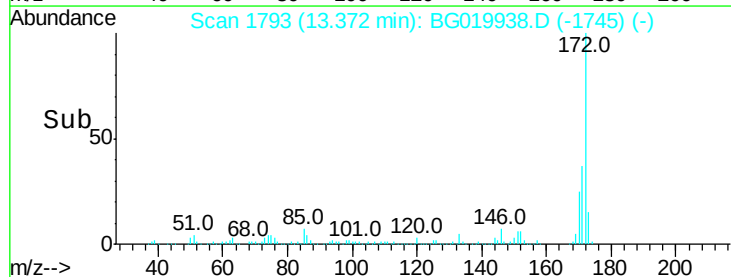
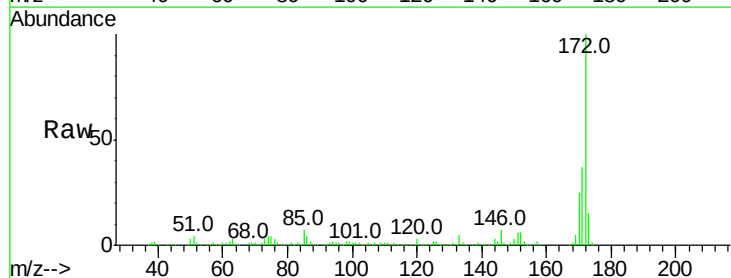
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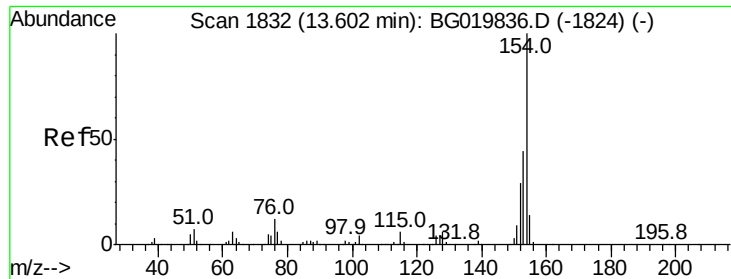
Tot Ion:	196	Resp:	99942
Ion Ratio	Lower	Upper	
196	100		
198	96.3	75.2	112.8
97	49.2	34.2	51.2
132	25.7	21.8	32.6



#44
 2-Fluorobiphenyl
 Concen: 71.92 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion:	172	Resp:	518337
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.0	43.6
170	24.9	19.9	29.9





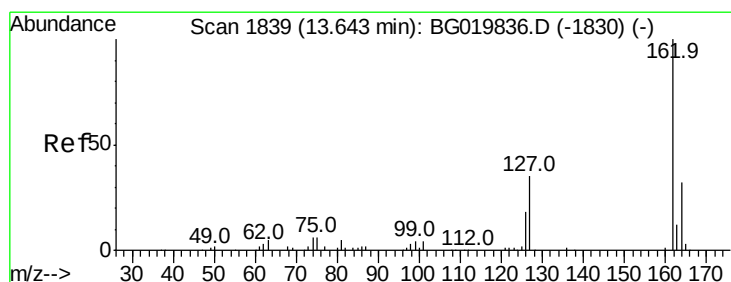
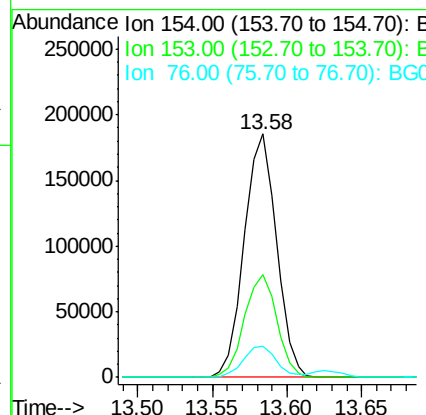
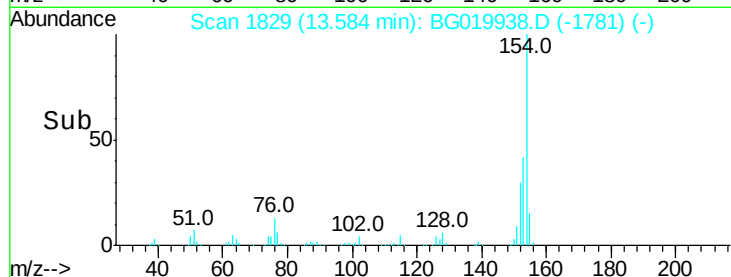
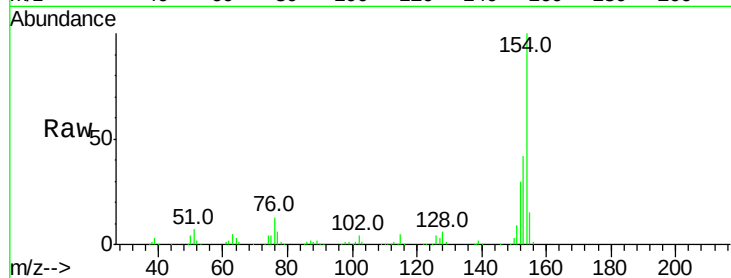
#45
 1,1'-Biphenyl
 Concen: 34.39 ng
 RT: 13.58 min Scan# 1829
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Instrument :
 BNA_G
 ClientSampleID :
 PB86993BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.9	61.9
76	12.6	0.0	33.2

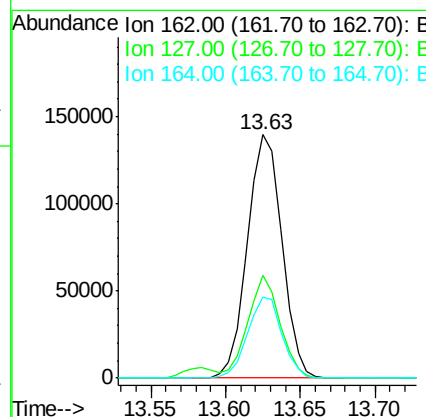
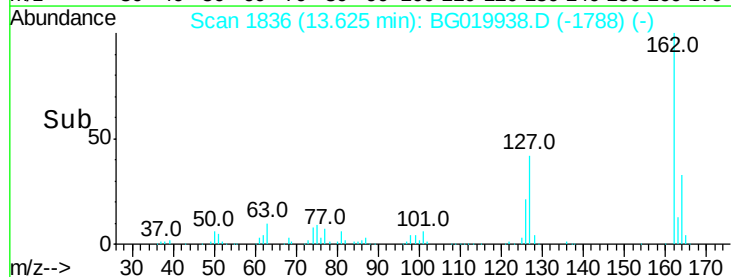
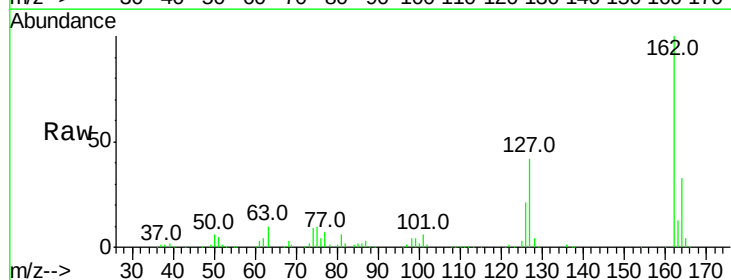
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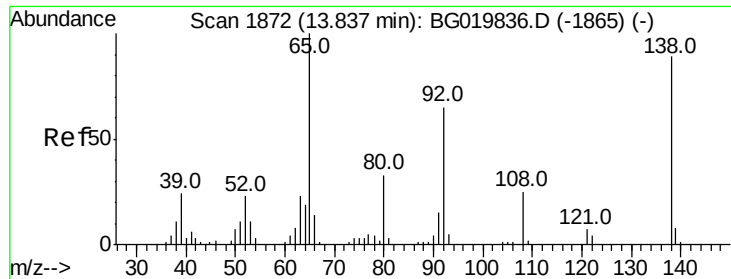
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#46
 2-Chloronaphthalene
 Concen: 35.73 ng
 RT: 13.63 min Scan# 1836
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.4	28.3	42.5
164	33.4	27.4	41.0





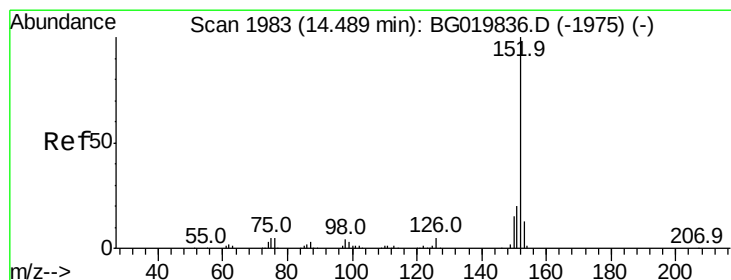
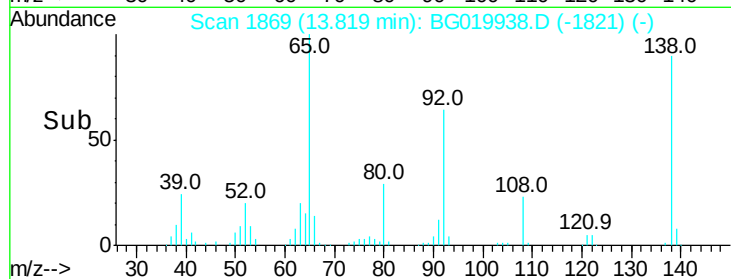
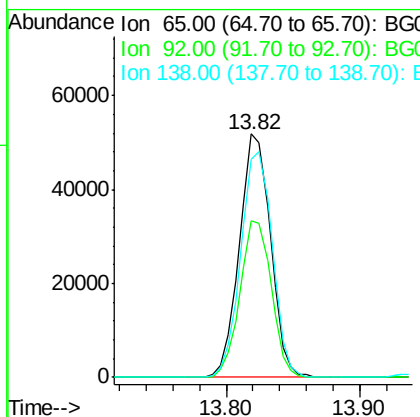
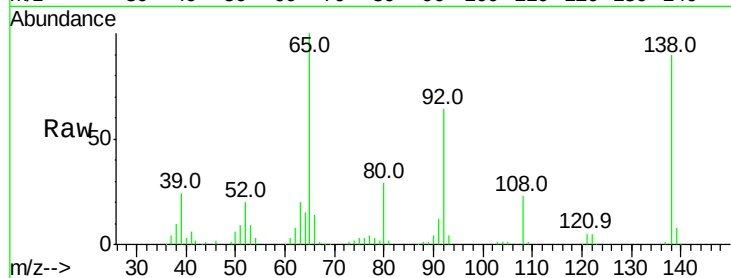
#47
2-Nitroaniline
Concen: 42.55 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
PB86993BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.3	54.8	82.2
138	89.6	89.6	134.4

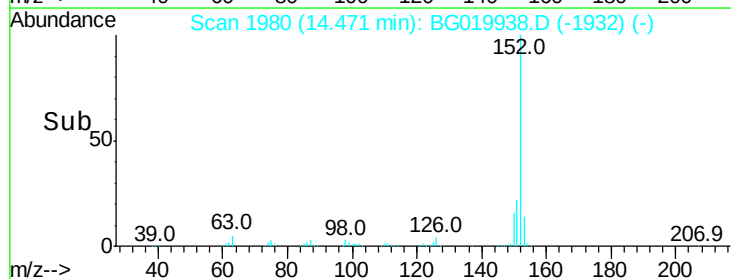
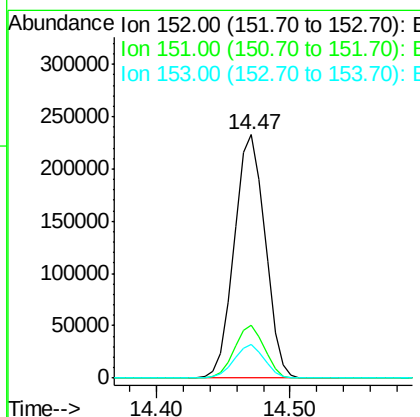
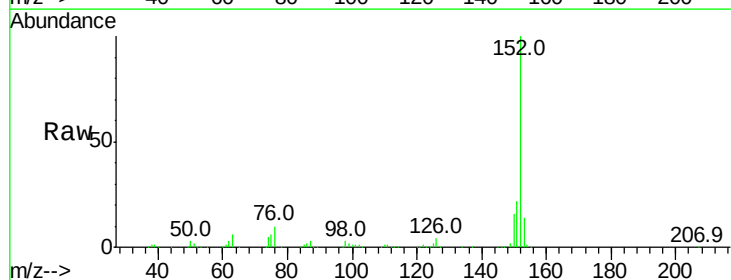
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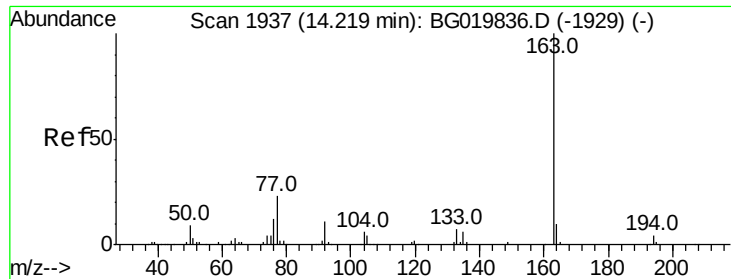
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#48
Acenaphthylene
Concen: 35.16 ng
RT: 14.47 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.0	25.4
153	13.8	10.4	15.6





#49

Dimethylphthalate

Concen: 35.21 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

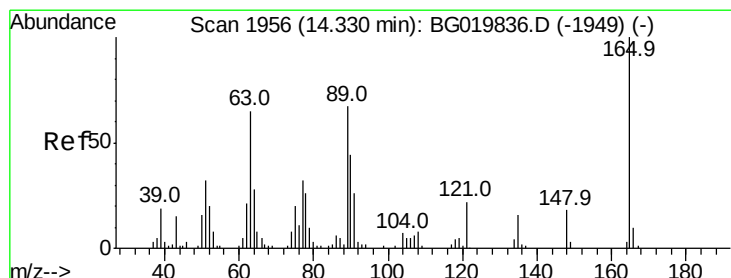
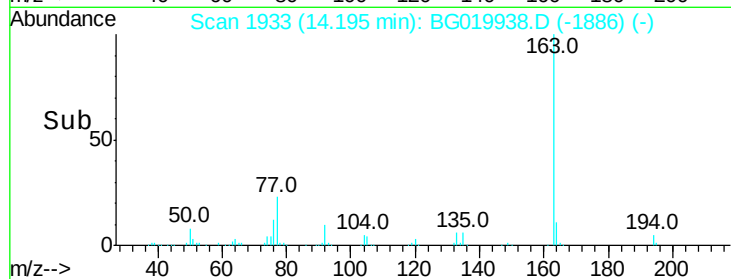
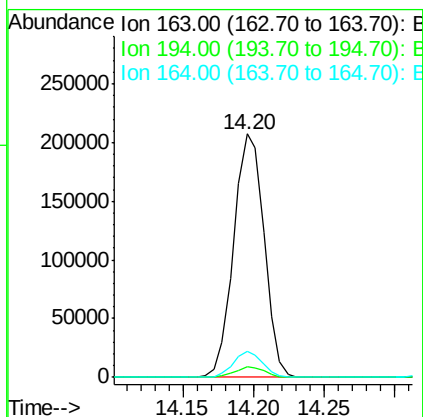
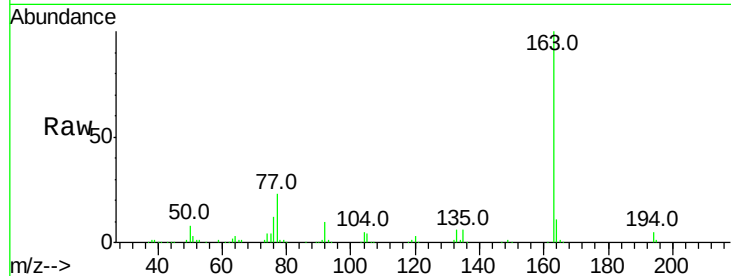
ClientSampleId :

PB86993BS

Tot Ion:	163	Resp:	311737
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.1	4.7
164	10.5	8.8	13.2

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 41.09 ng

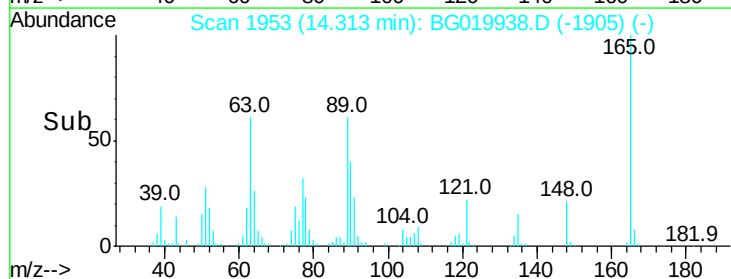
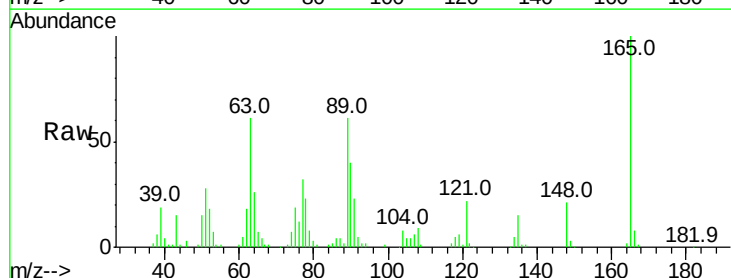
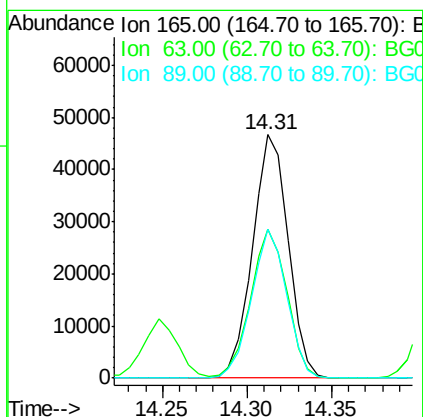
RT: 14.31 min Scan# 1953

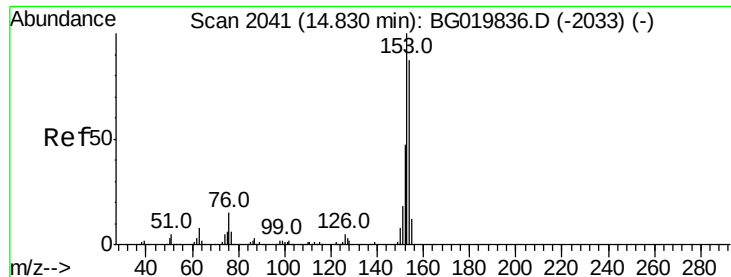
Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Tgt Ion:	165	Resp:	68397
Ion Ratio	Lower	Upper	
165	100		
63	61.1	35.7	53.5#
89	61.1	39.7	59.5#





#51

Acenaphthene

Concen: 41.61 ng

RT: 14.81 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

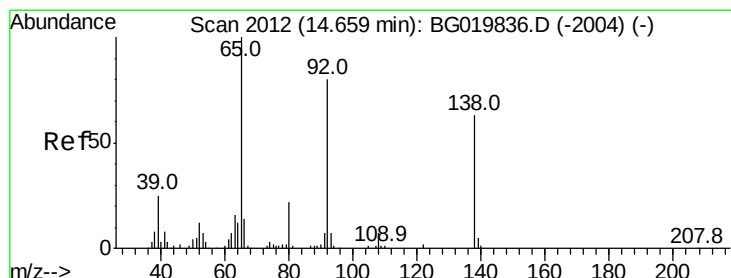
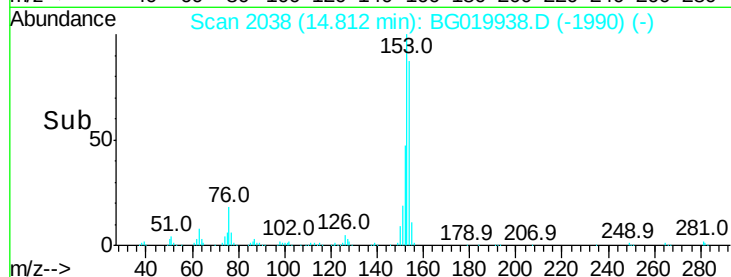
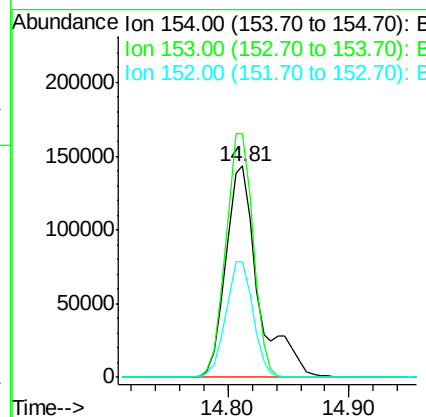
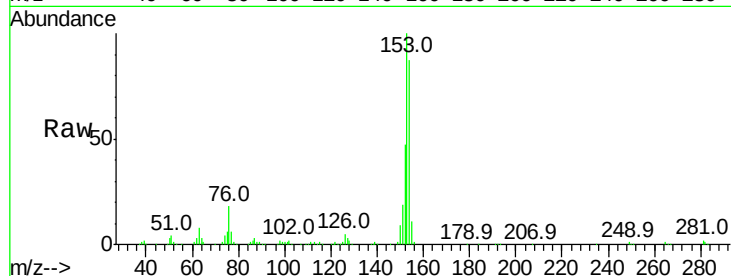
ClientSampleId :

PB86993BS

Tot Ion:	154	Resp:	267728
Ion Ratio	Lower	Upper	
154	100		
153	115.3	92.9	139.3
152	54.6	45.8	68.8

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#52

3-Nitroaniline

Concen: 25.44 ng

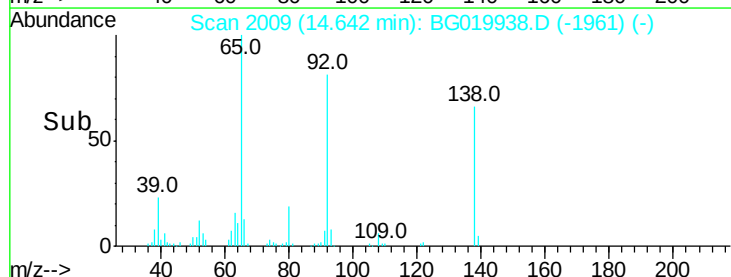
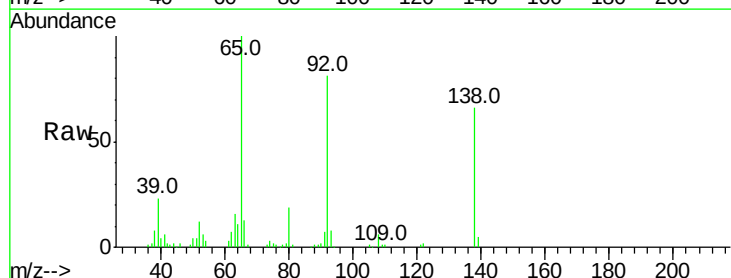
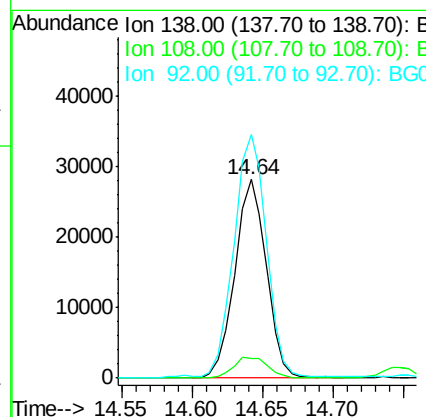
RT: 14.64 min Scan# 2009

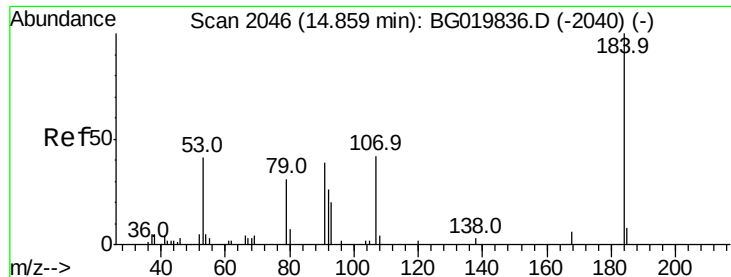
Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Tgt Ion:	138	Resp:	43994
Ion Ratio	Lower	Upper	
138	100		
108	9.7	7.9	11.9
92	122.6	94.2	141.4





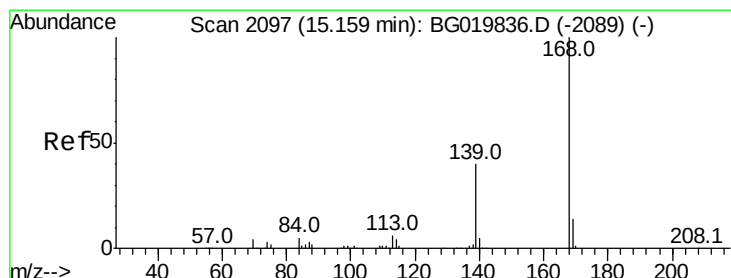
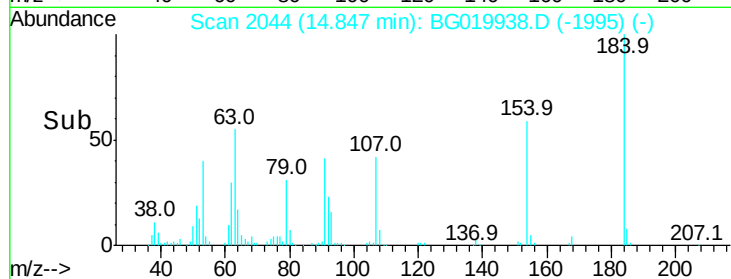
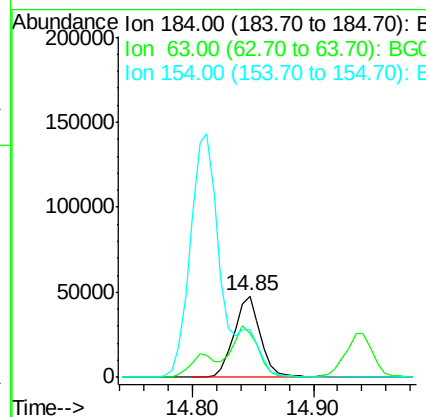
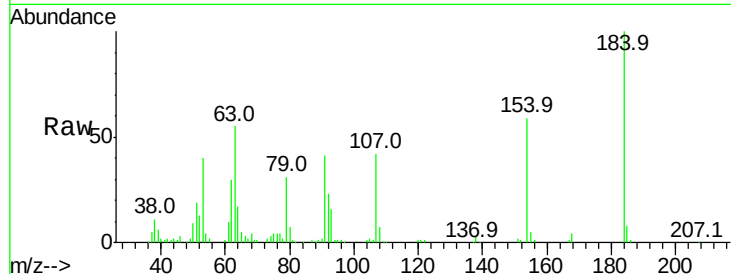
#53
2,4-Dinitrophenol
Concen: 82.07 ng
RT: 14.85 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
PB86993BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	54.5	42.7	64.1	
154	58.5	44.3	66.5	

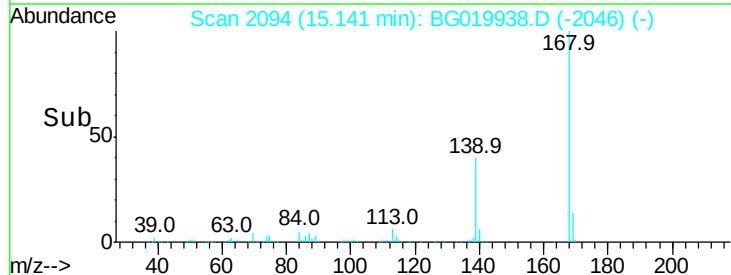
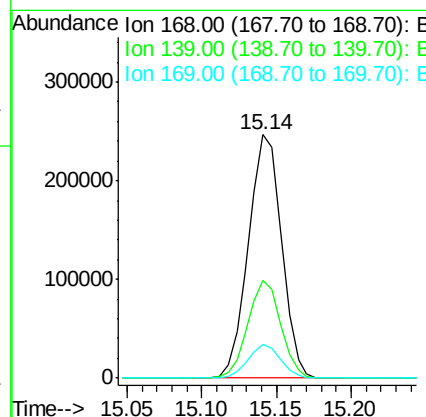
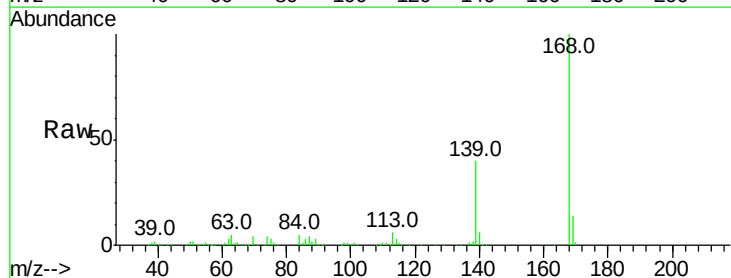
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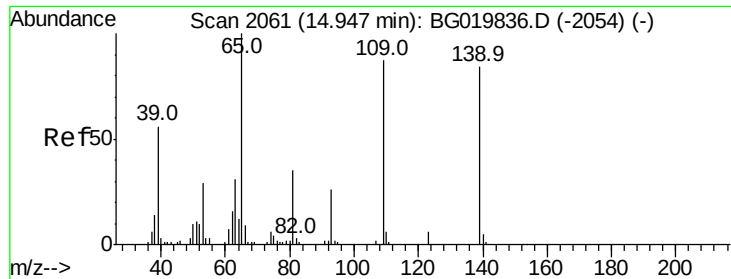
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#54
Dibenzofuran
Concen: 39.39 ng
RT: 15.14 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.2	27.4	41.0	
169	13.6	11.0	16.4	





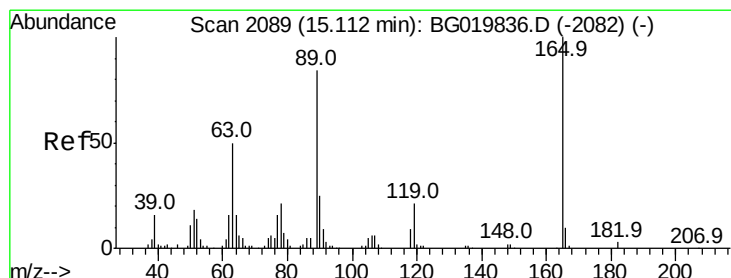
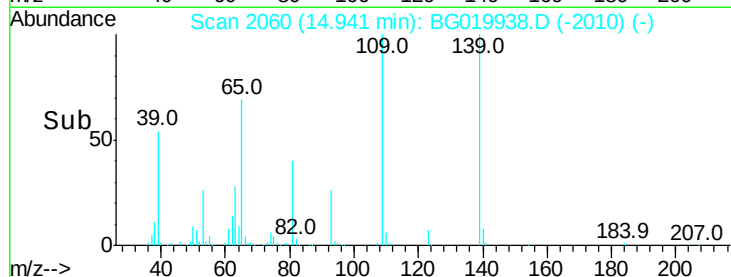
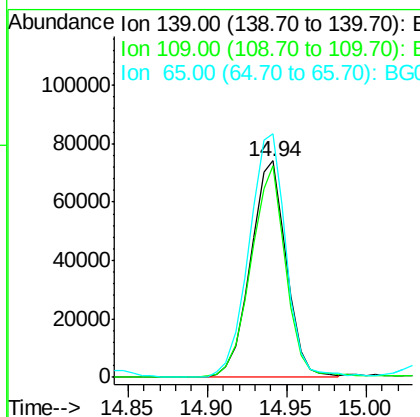
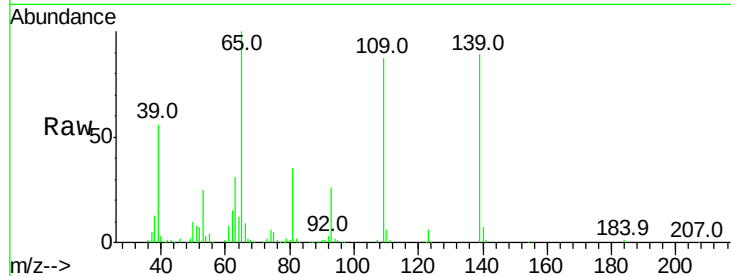
#55
4-Nitrophenol
Concen: 77.04 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Instrument :
BNA_G
ClientSampled :
PB86993BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	97.5	43.2	83.2#	
65	112.4	67.8	107.8#	

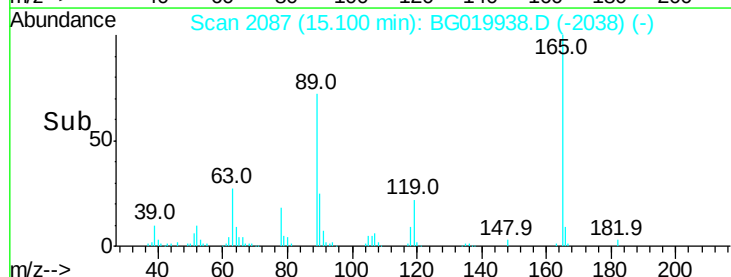
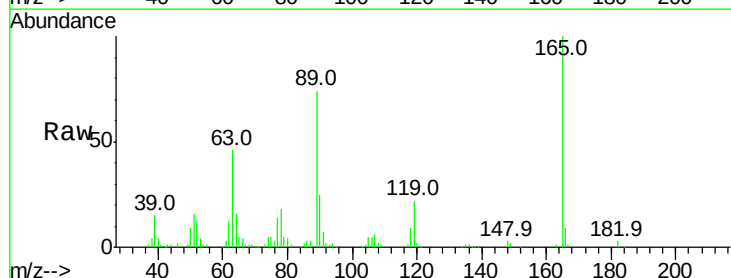
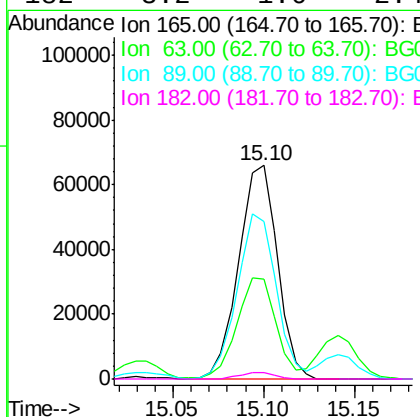
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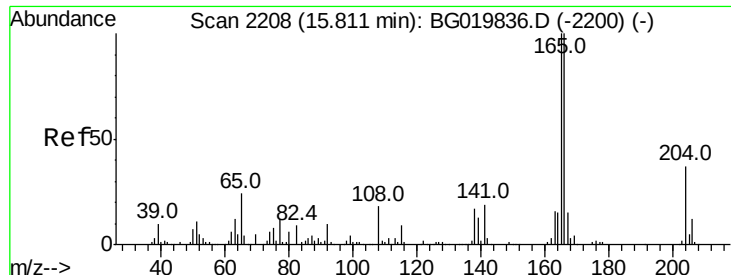
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#56
2,4-Dinitrotoluene
Concen: 42.36 ng
RT: 15.10 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.5	31.0	46.4#	
89	73.7	54.4	81.6	
182	3.2	1.6	2.4#	





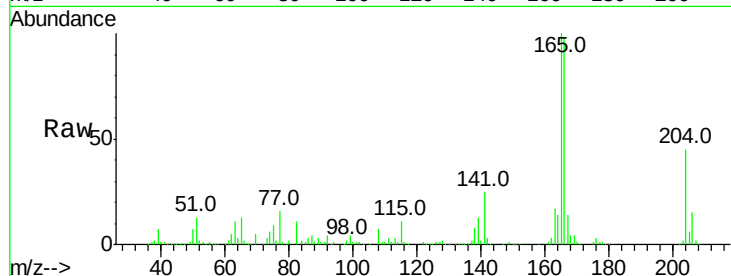
#57
Fluorene
 Concen: 35.28 ng
 RT: 15.79 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Instrument :
 BNA_G
 ClientSampled :
 PB86993BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	102.3	80.0	120.0	
167	14.5	11.1	16.7	

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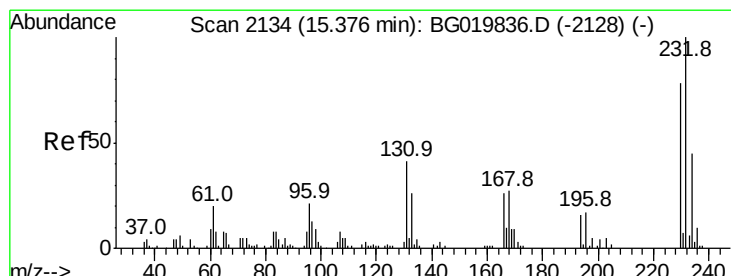
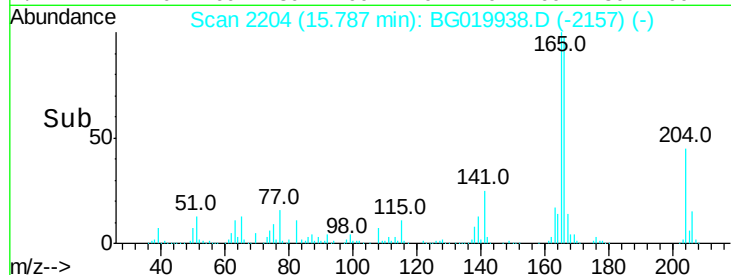
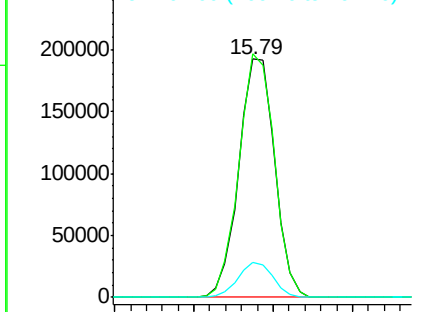


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.02 ng
 RT: 15.36 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	42.0	33.0	49.6	
130	2.3	2.0	3.0	
166	27.6	24.1	36.1	

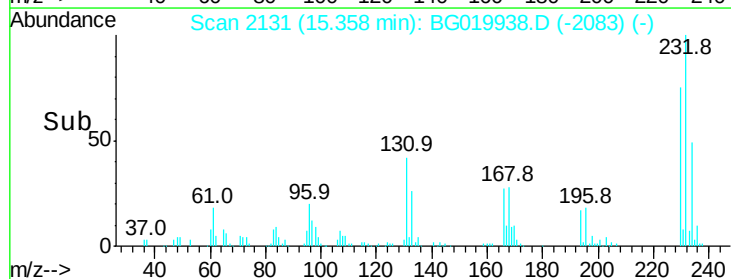
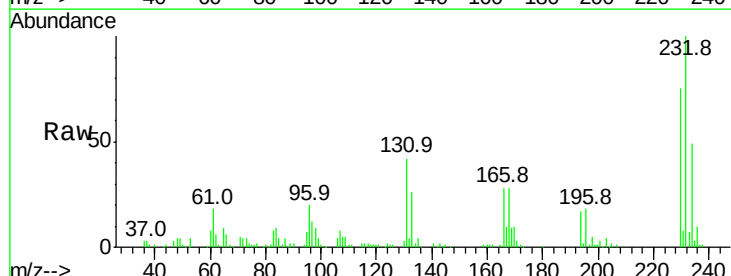
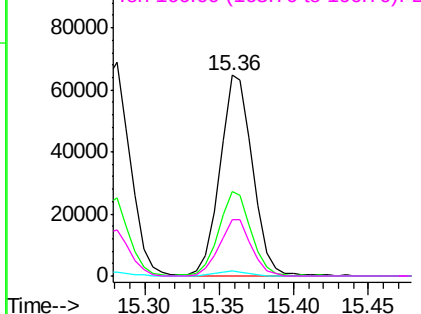
Abundance

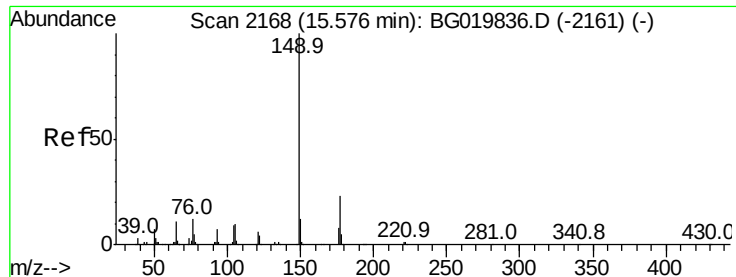
Ion 232.00 (231.70 to 232.70): E

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: 34.07 ng

RT: 15.56 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

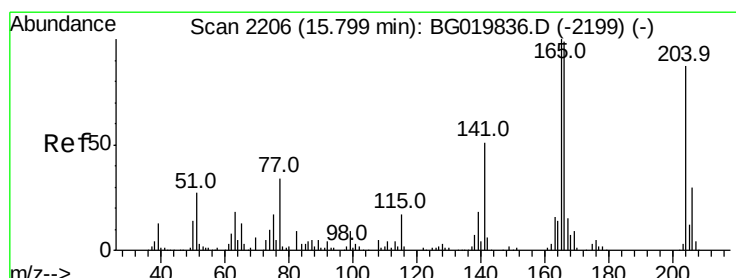
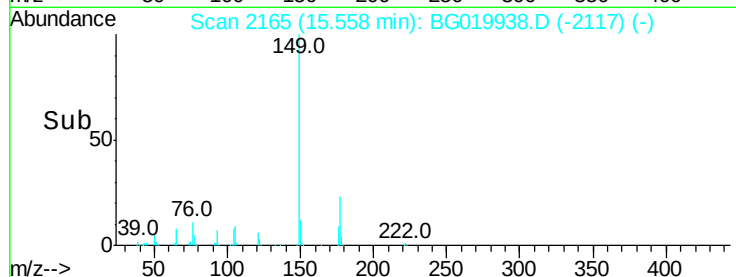
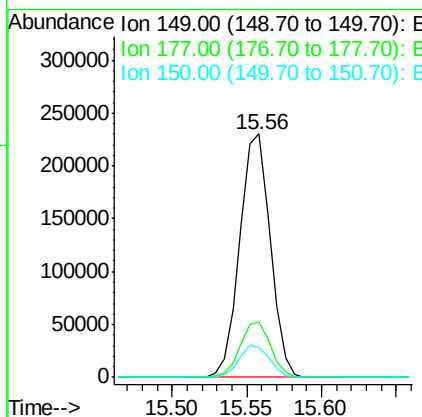
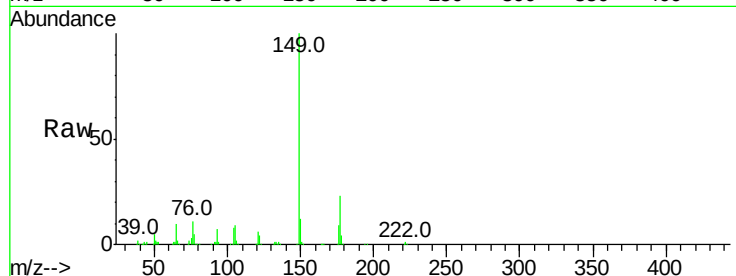
ClientSampleId :

PB86993BS

Tot Ion:	149	Resp:	326399
Ion Ratio	Lower	Upper	
149	100		
177	22.8	19.6	29.4
150	12.4	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 33.96 ng

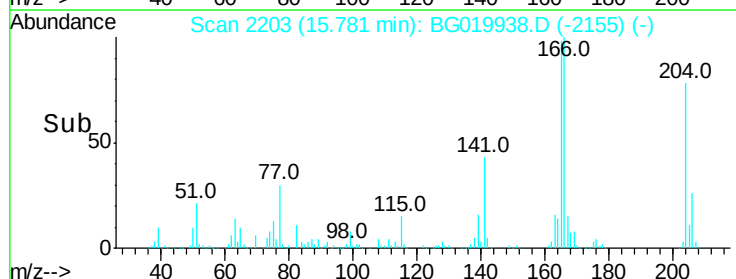
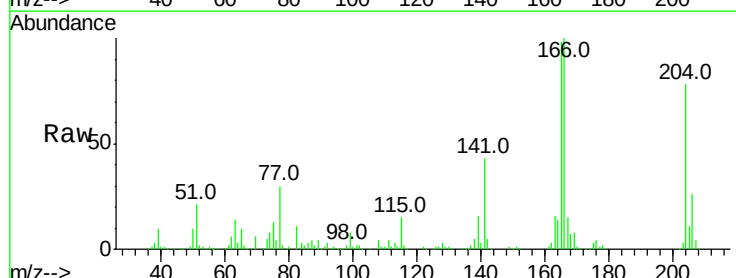
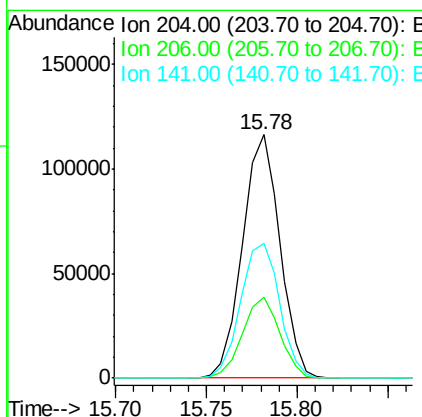
RT: 15.78 min Scan# 2203

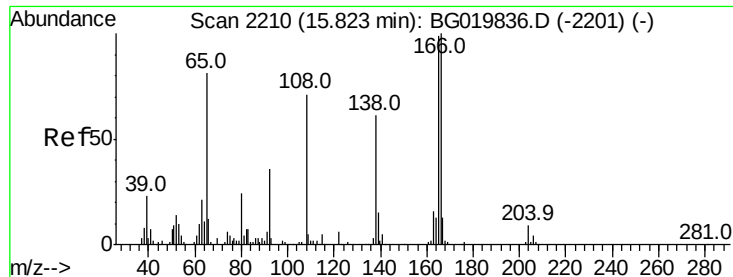
Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Tgt Ion:	204	Resp:	167044
Ion Ratio	Lower	Upper	
204	100		
206	33.2	28.3	42.5
141	55.4	44.0	66.0





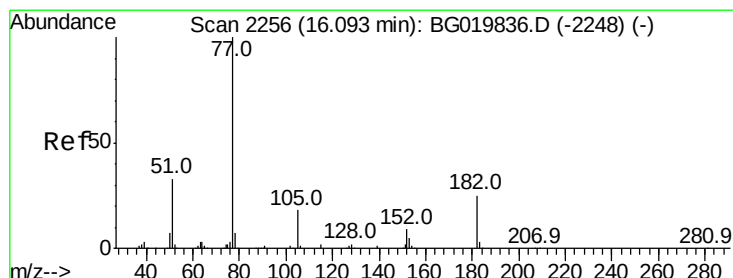
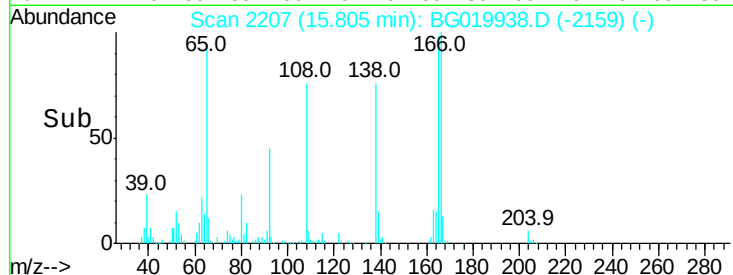
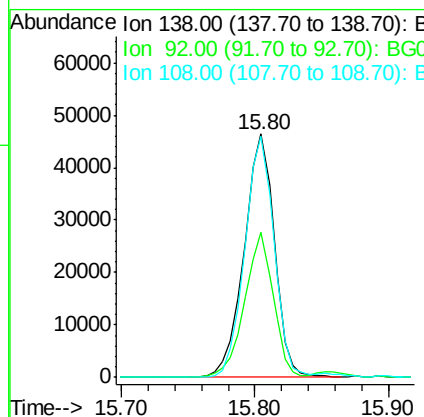
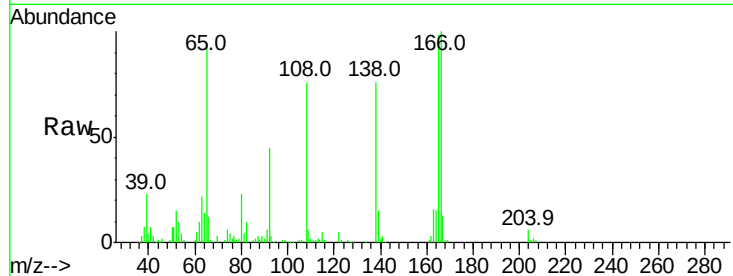
#61
4-Nitroaniline
Concen: 37.38 ng
RT: 15.80 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
PB86993BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	59.5	29.1	69.1	
108	99.1	49.8	89.8	

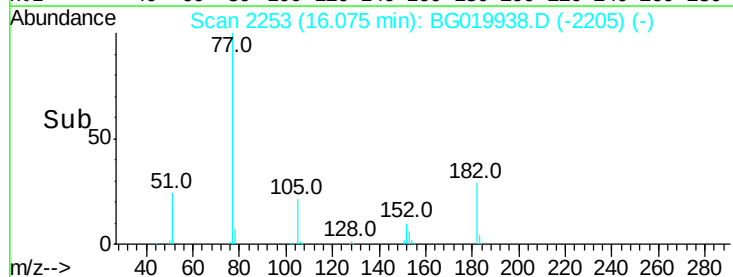
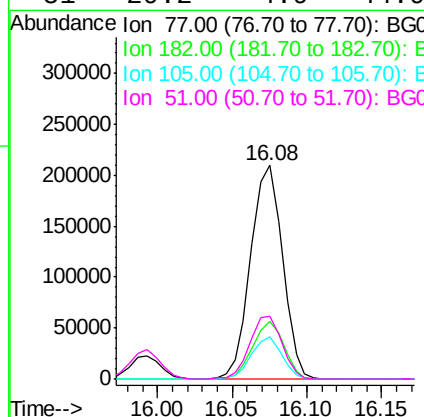
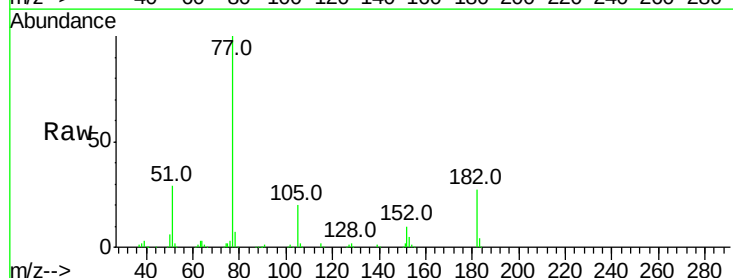
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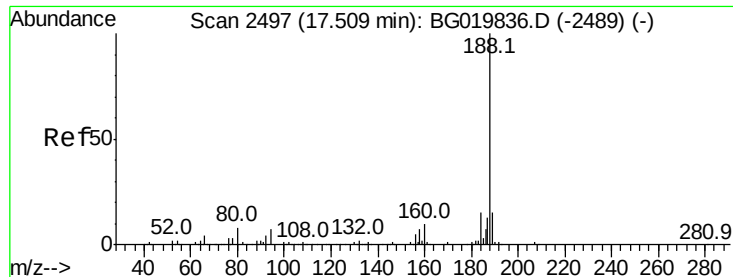
Mmdadoda
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#62
Azobenzene
Concen: 38.97 ng
RT: 16.08 min Scan# 2253
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.8	7.0	47.0	
105	19.7	1.4	41.4	
51	29.2	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: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

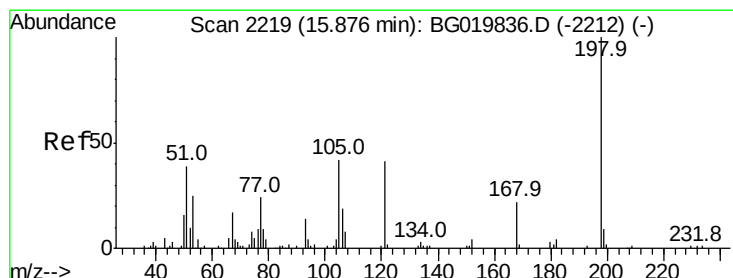
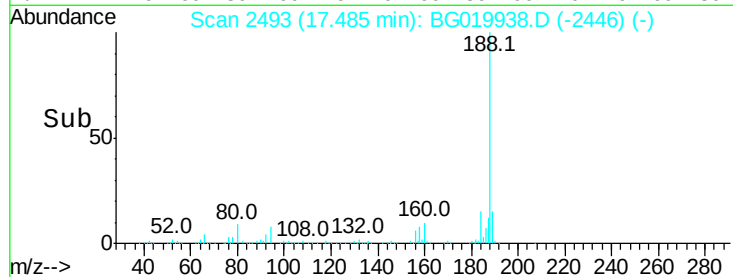
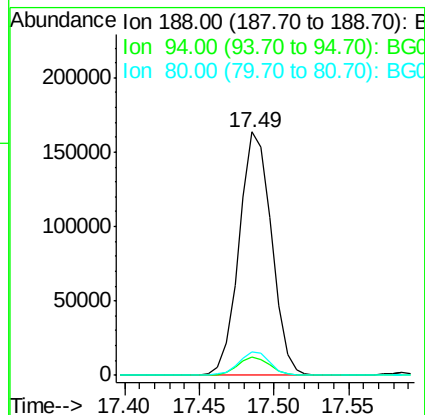
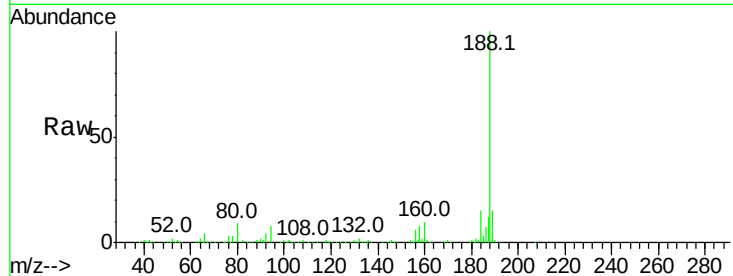
ClientSampleId :

PB86993BS

Tot Ion:	188	Resp:	246689
Ion Ratio	Lower	Upper	
188	100		
94	7.5	7.7	11.5#
80	9.4	7.8	11.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 42.27 ng

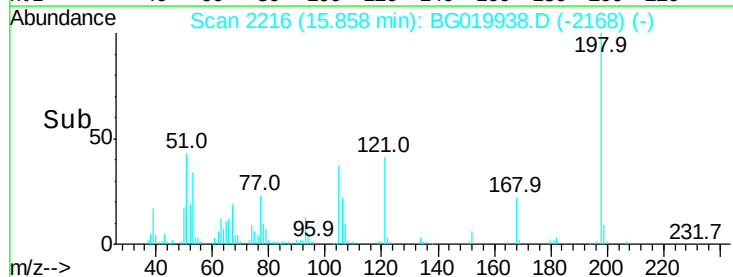
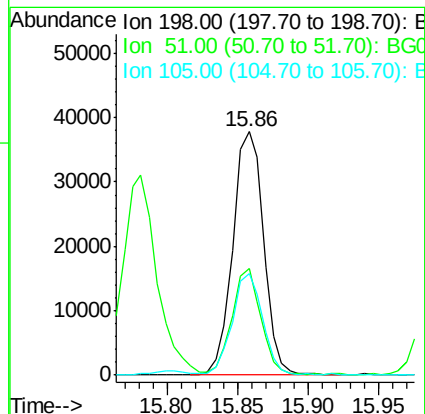
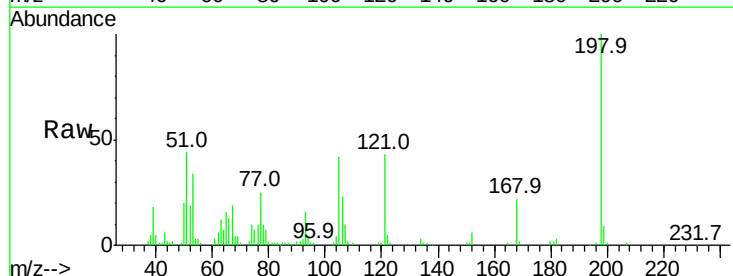
RT: 15.86 min Scan# 2216

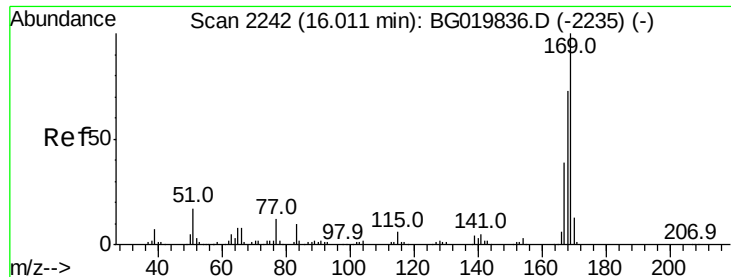
Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Tgt Ion:	198	Resp:	57420
Ion Ratio	Lower	Upper	
198	100		
51	44.0	14.2	54.2
105	41.6	21.1	61.1





#65

n-Nitrosodiphenylamine

Concen: 38.61 ng

RT: 15.99 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

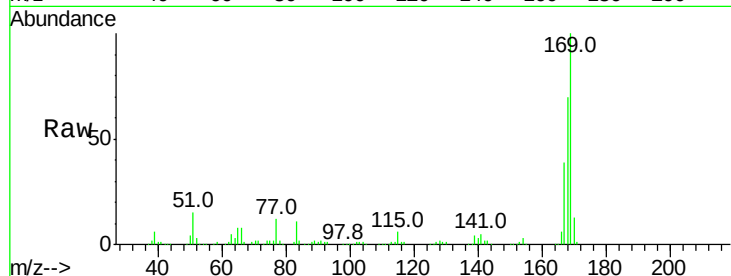
ClientSampleId :

PB86993BS

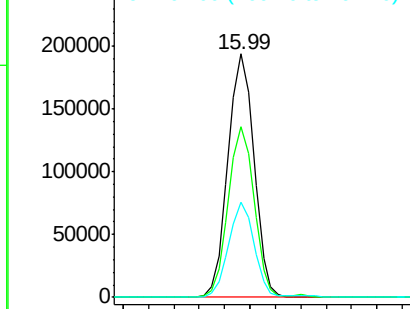
Tot Ion:	169	Resp:	275641
Ion Ratio	Lower	Upper	
169	100		
168	69.9	58.2	87.2
167	39.2	32.7	49.1

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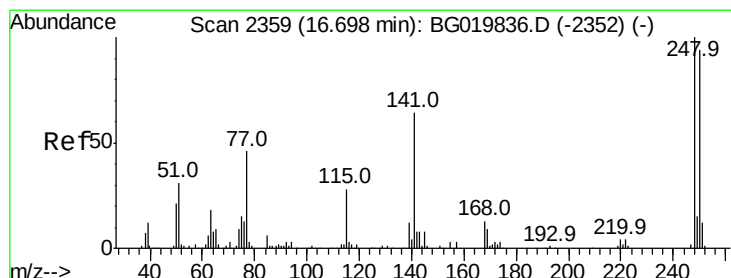
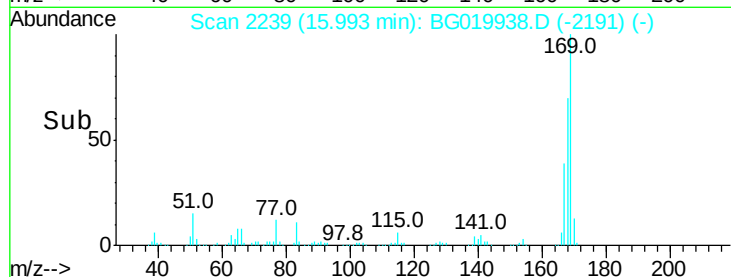
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



Time--> 15.90 16.00 16.10



#66

4-Bromophenyl-phenylether

Concen: 36.19 ng

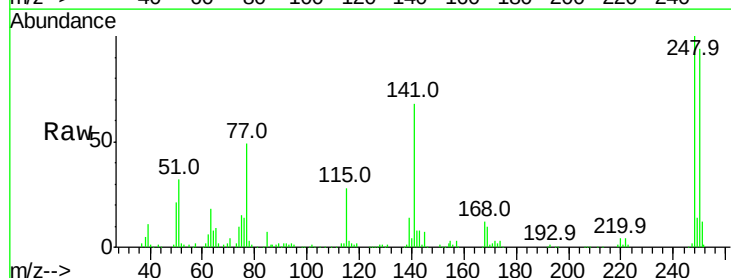
RT: 16.67 min Scan# 2355

Delta R.T. -0.02 min

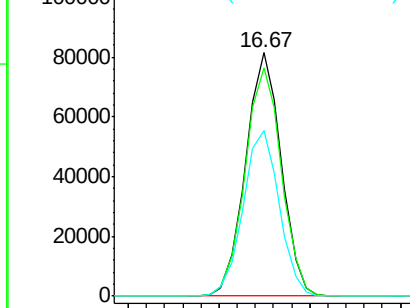
Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

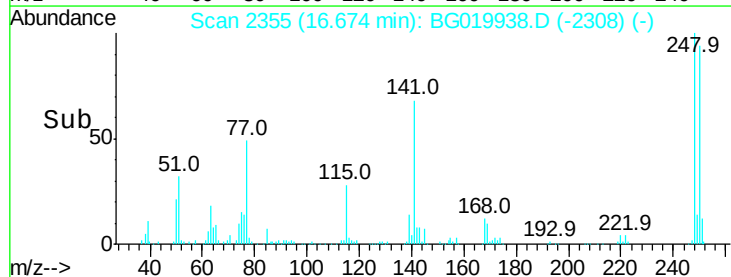
Tgt Ion:	248	Resp:	110926
Ion Ratio	Lower	Upper	
248	100		
250	93.9	77.8	116.8
141	67.7	50.4	75.6

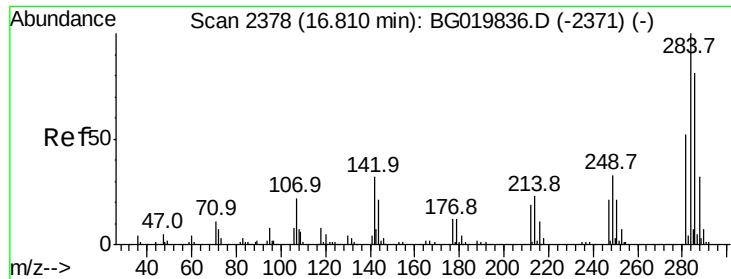


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



Time--> 16.60 16.65 16.70





#67

Hexachlorobenzene

Concen: 37.60 ng

RT: 16.79 min Scan# 2375

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

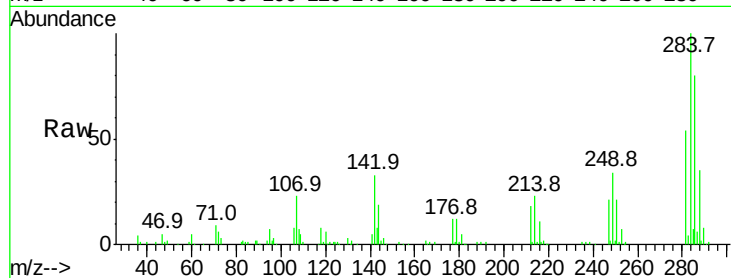
ClientSampleId :

PB86993BS

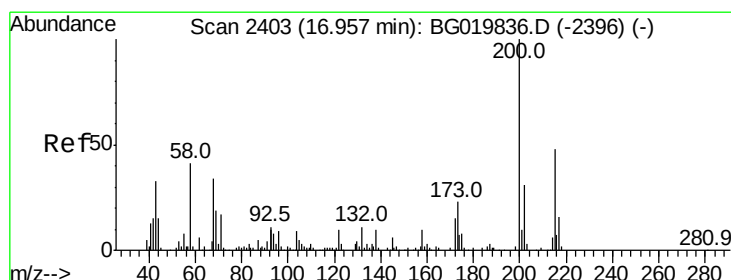
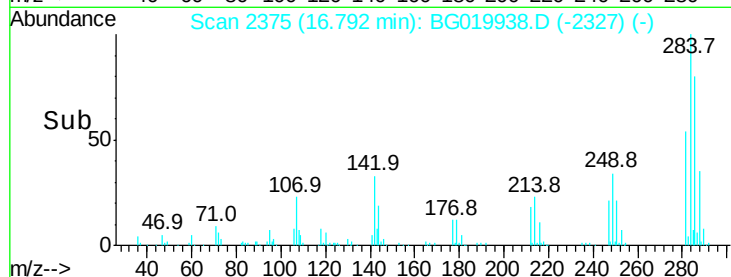
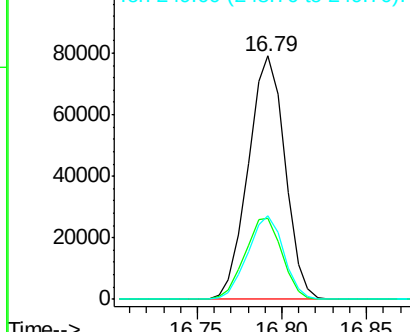
Tot Ion:	284	Resp:	120058
Ion Ratio		Lower	Upper
284	100		
142	33.2	26.6	39.8
249	34.4	26.2	39.2

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



#68

Atrazine

Concen: 37.60 ng

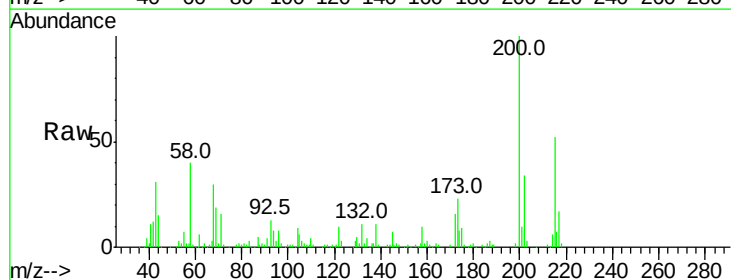
RT: 16.94 min Scan# 2400

Delta R.T. -0.02 min

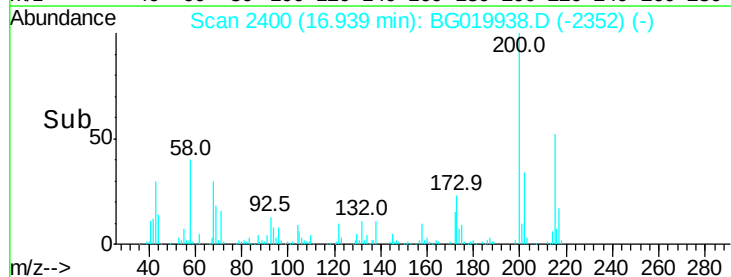
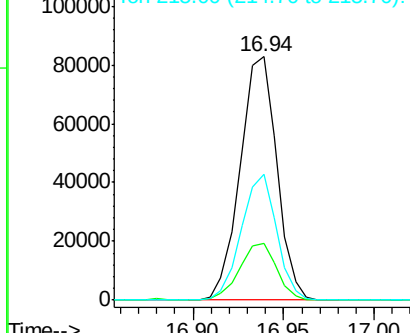
Lab File: BG019938.D

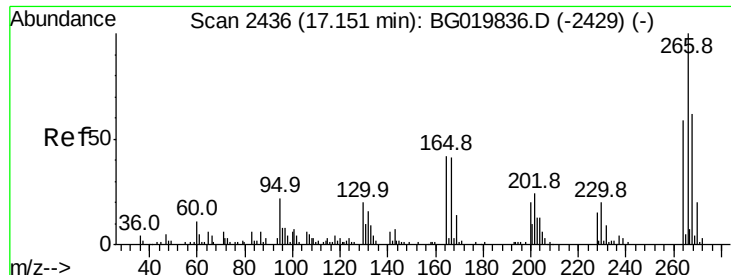
Acq: 5 Dec 2015 12:30

Tgt Ion:	200	Resp:	116624
Ion Ratio		Lower	Upper
200	100		
173	23.3	5.2	45.2
215	51.8	27.0	67.0



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





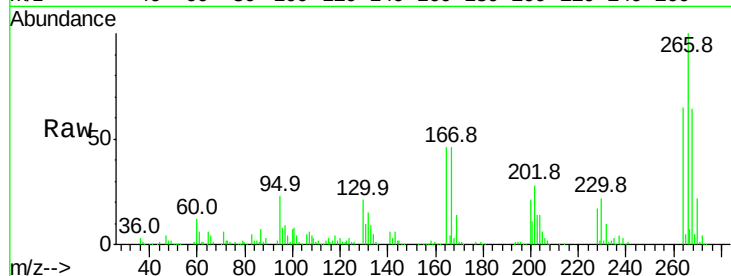
#69
 Pentachlorophenol
 Concen: 82.79 ng
 RT: 17.13 min Scan# 2433
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BS

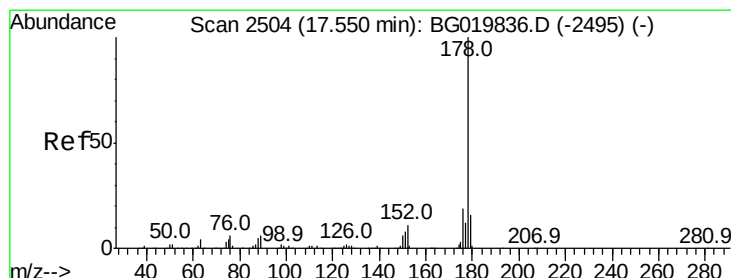
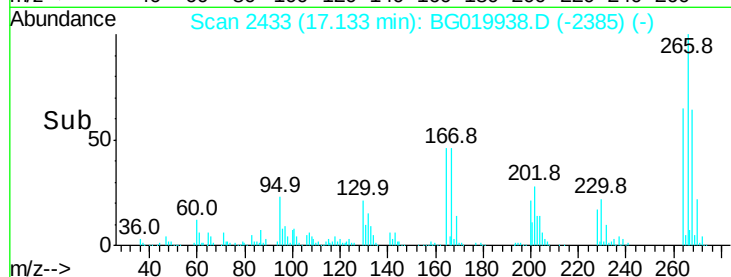
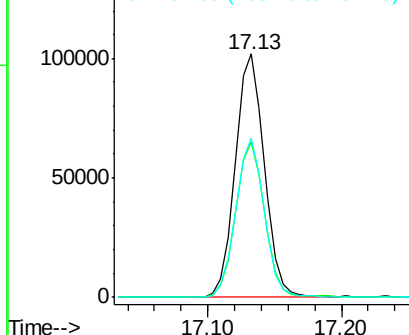
Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.9	47.6	71.4	
264	65.4	48.1	72.1	

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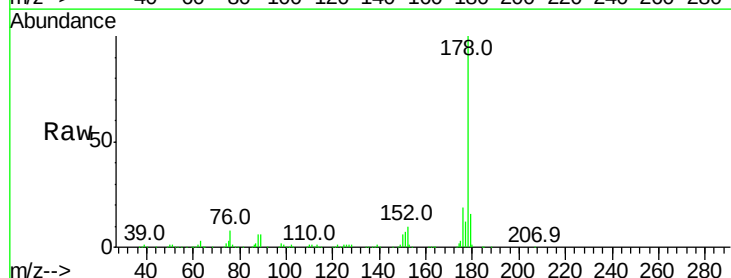


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

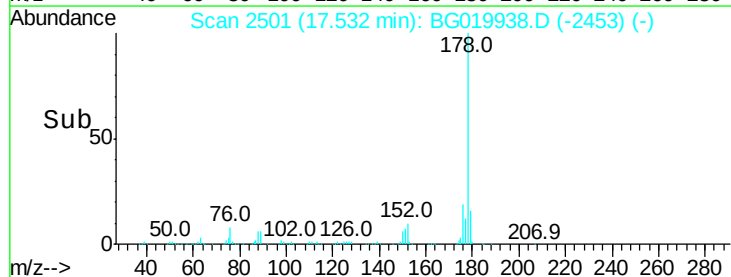
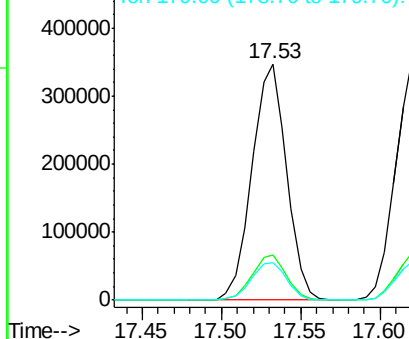


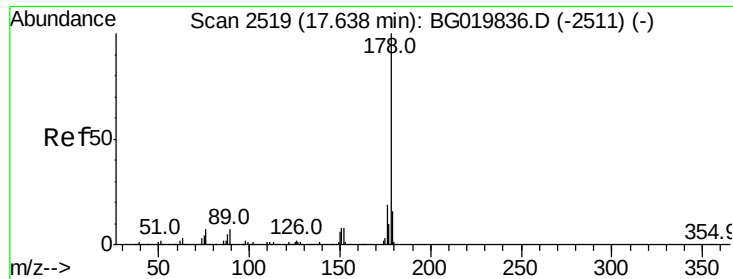
#70
 Phenanthrene
 Concen: 37.65 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.3	16.7	25.1	
179	15.8	13.9	20.9	



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





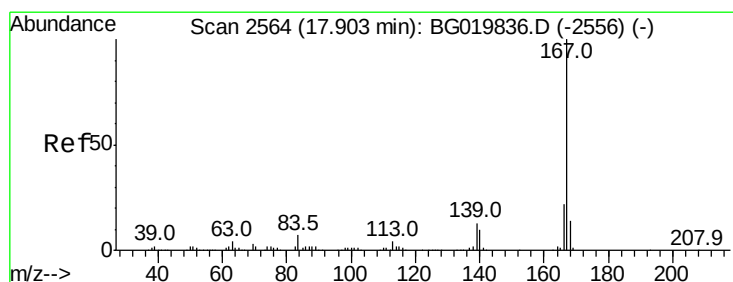
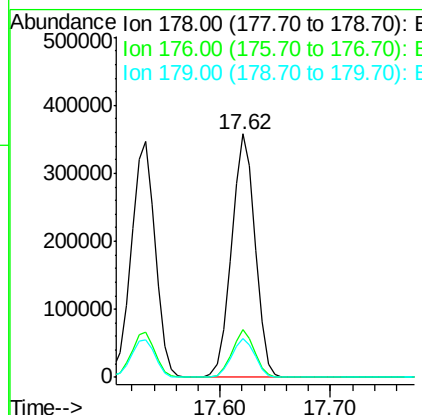
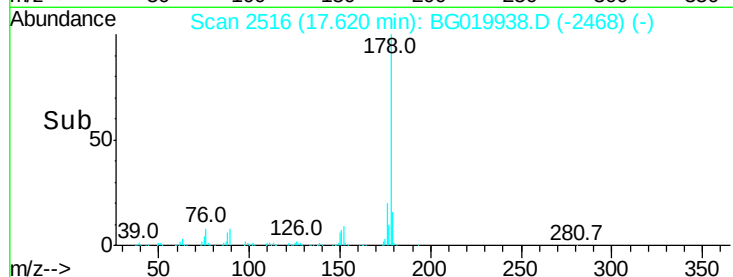
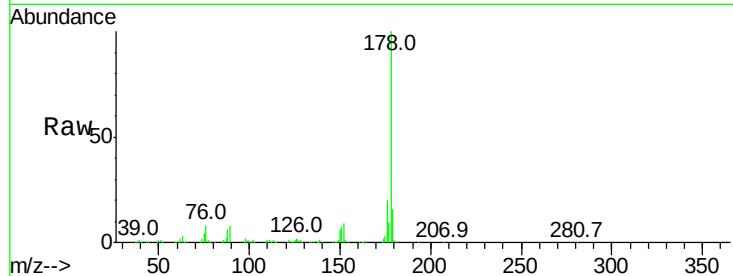
#71
 Anthracene
 Concen: 37.55 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BS

Tot Ion	Ratio	Resp	Lower	Upper
178	100	533811		
176	19.6		16.8	25.2
179	16.0		13.9	20.9

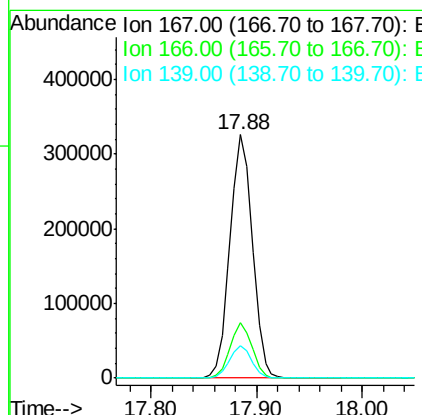
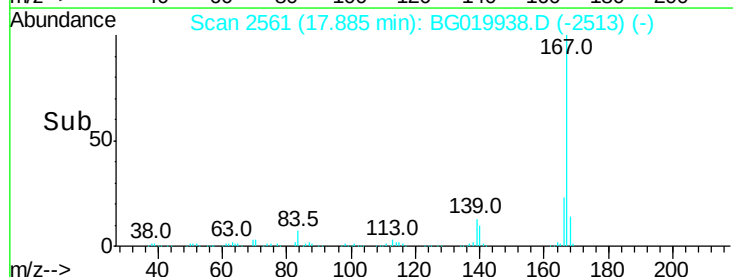
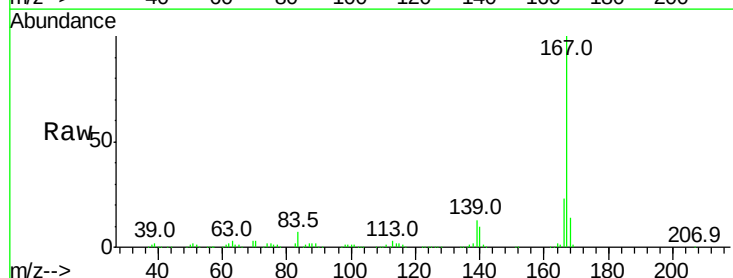
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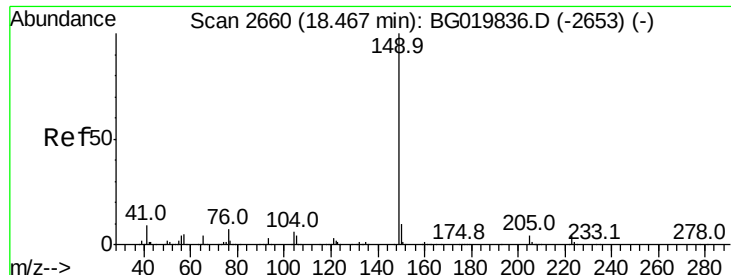
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#72
 Carbazole
 Concen: 38.27 ng
 RT: 17.88 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	479305		
166	23.0		19.0	28.6
139	13.4		10.2	15.4





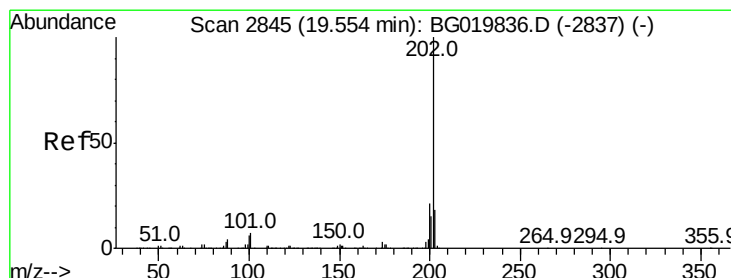
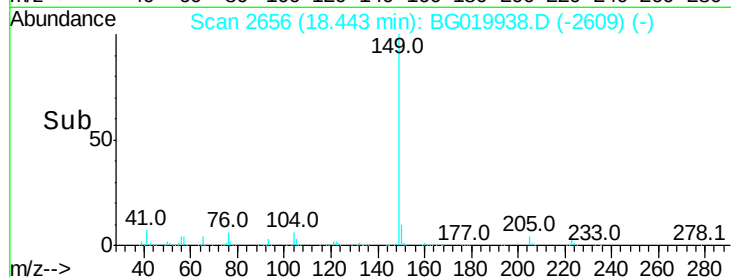
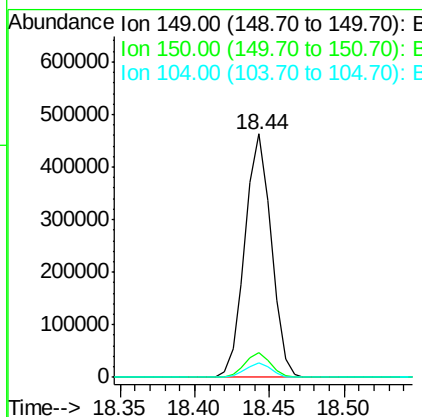
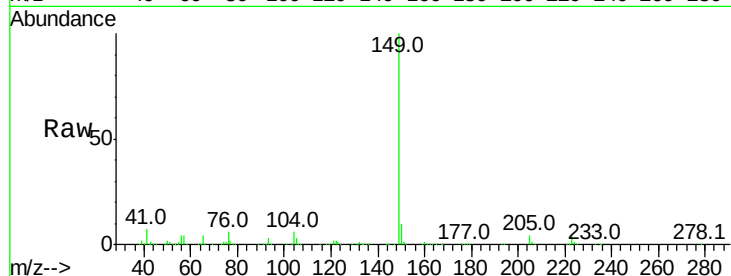
#73
Di-n-butylphthalate
Concen: 36.82 ng
RT: 18.44 min Scan# 2656
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
PB86993BS

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

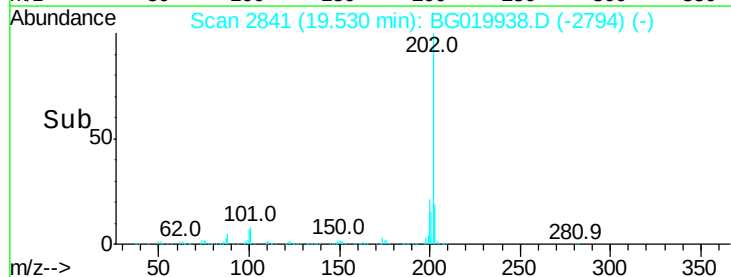
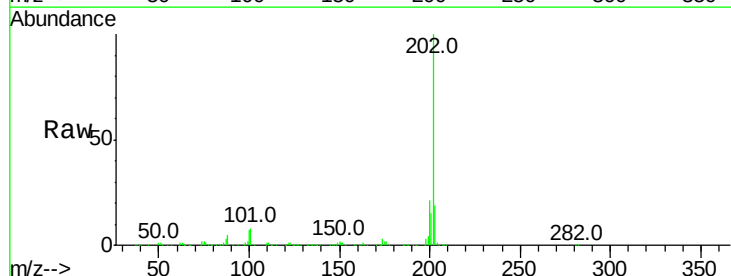
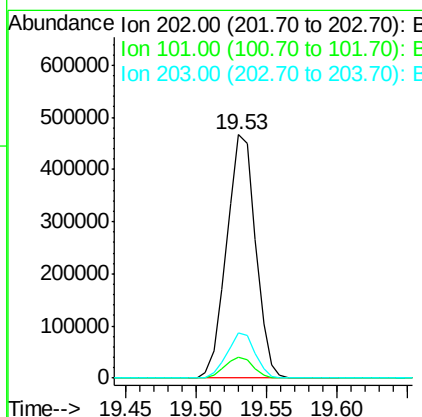
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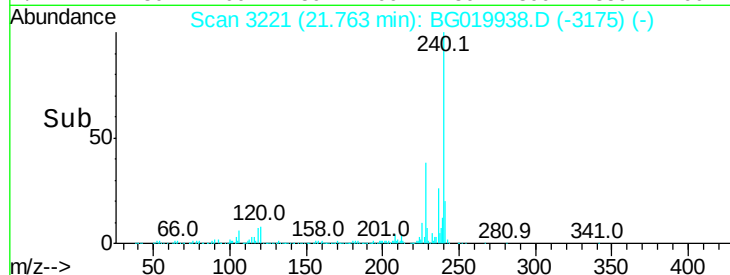
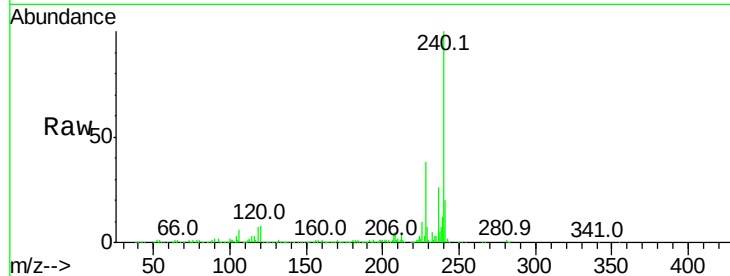
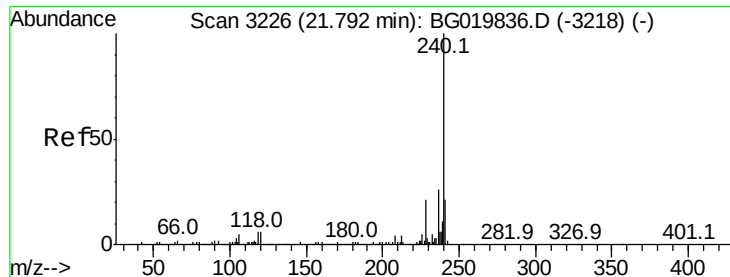
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#74
Fluoranthene
Concen: 37.24 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	8.5	0.0	32.4	
203	18.6	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: BG019938.D

Acq: 5 Dec 2015 12:30

Tot Ion:	240	Resp:	298640
Ion Ratio	Lower	Upper	
240	100		
120	7.7	7.4	11.0
236	25.6	20.7	31.1

Instrument :

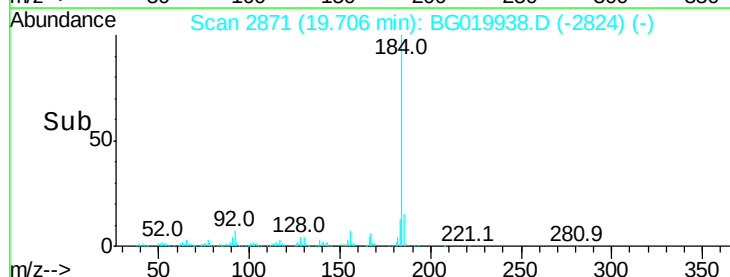
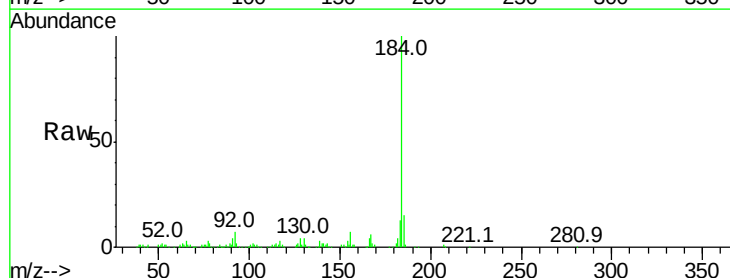
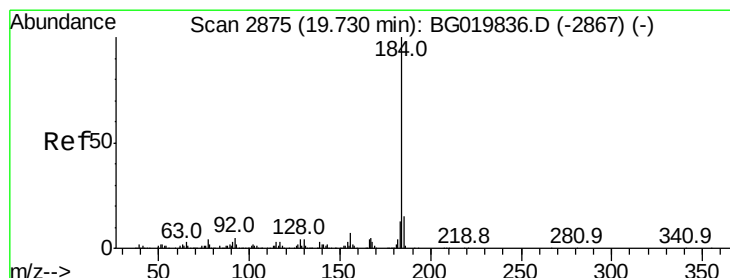
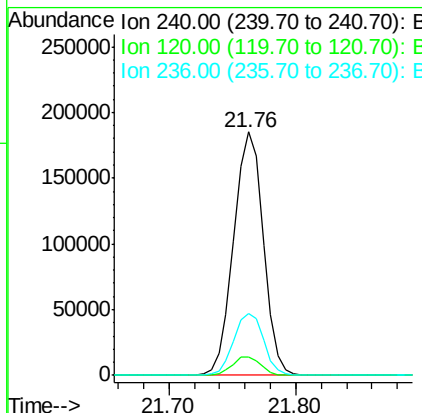
BNA_G

ClientSampleId :

PB86993BS

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#76

Benzidine

Concen: 19.09 ng

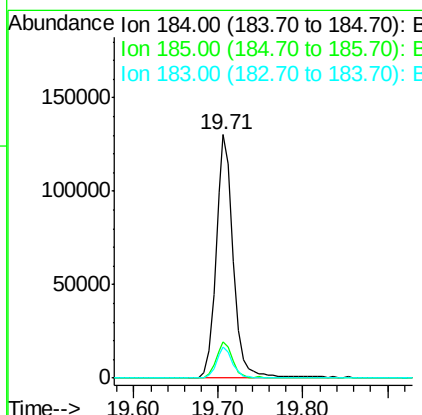
RT: 19.71 min Scan# 2871

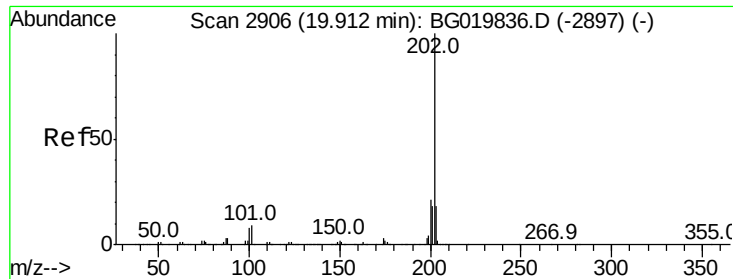
Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Tgt Ion:	184	Resp:	187257
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.4	20.2
183	12.7	10.1	15.1





#77

Pvrene

Concen: 38.70 ng

RT: 19.89 min Scan# 2903

Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

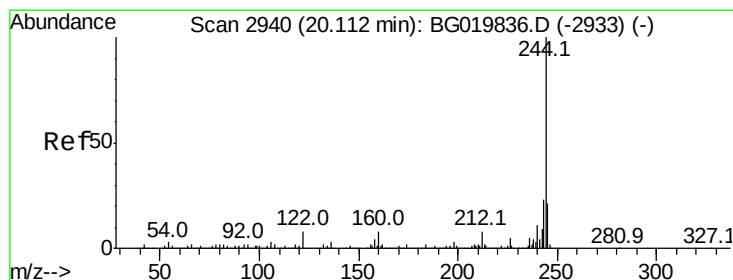
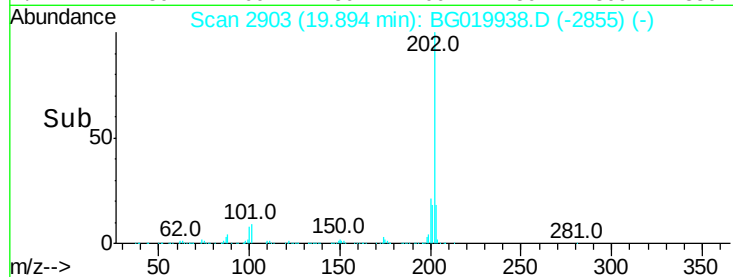
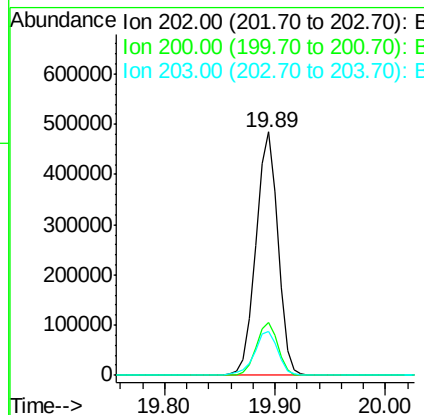
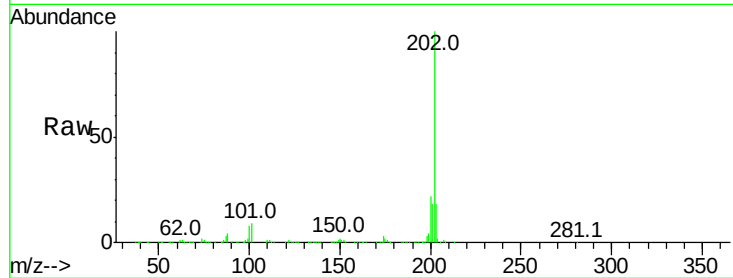
ClientSampleId :

PB86993BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	19.4	29.0
203	18.0	15.5	23.3

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#78

Terphenyl-d14

Concen: 75.12 ng

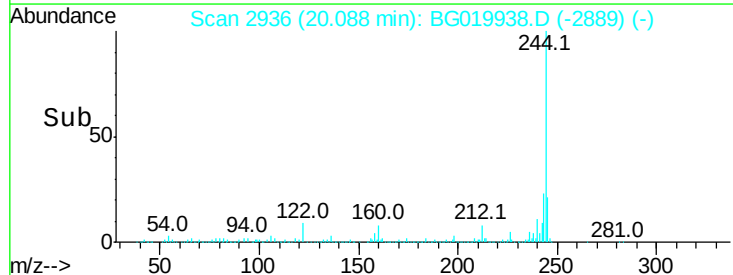
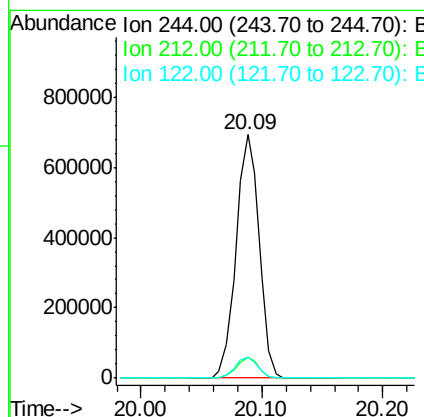
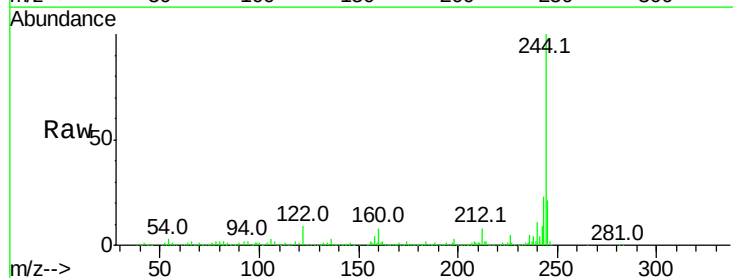
RT: 20.09 min Scan# 2936

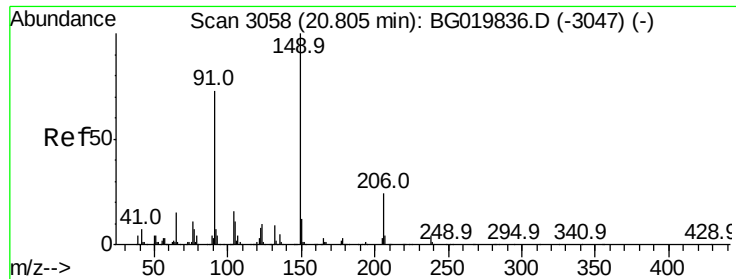
Delta R.T. -0.02 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	8.6	10.2	15.2#





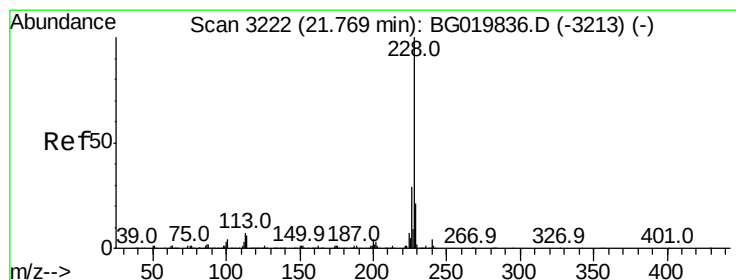
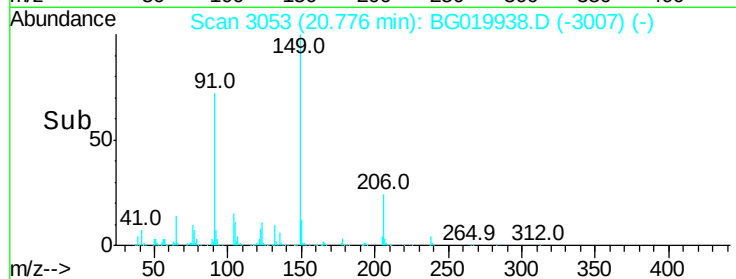
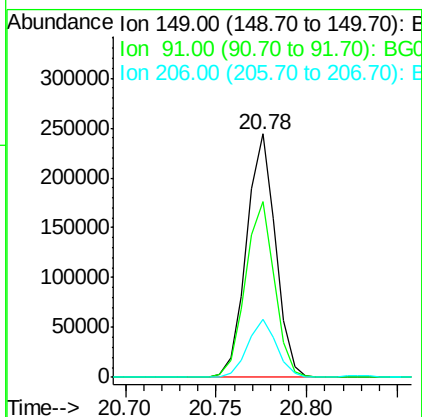
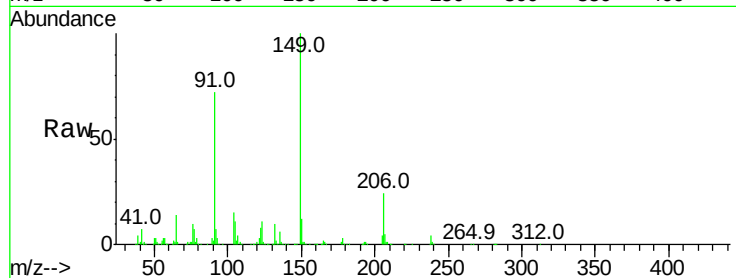
#79
Butylbenzylphthalate
Concen: 39.29 ng
RT: 20.78 min Scan# 3053
Delta R.T. -0.03 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
PB86993BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	270563		
91	72.0	58.1	87.1	
206	23.7	17.8	26.8	

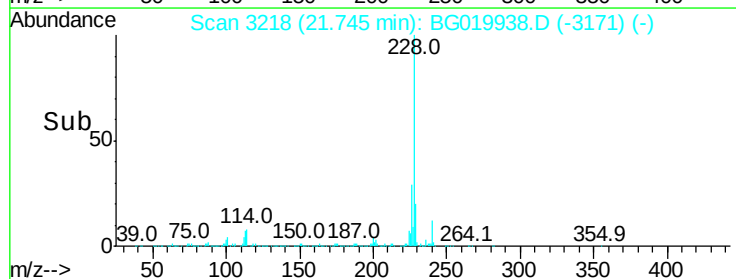
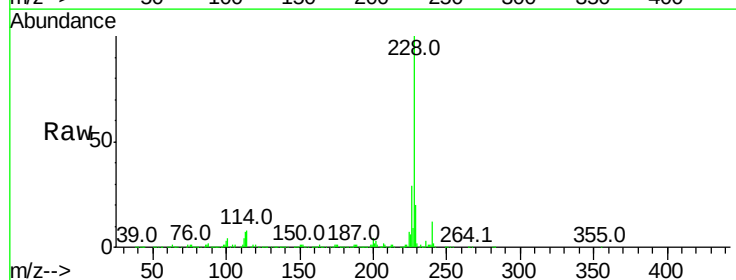
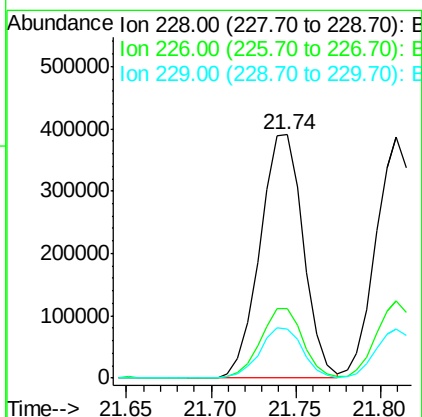
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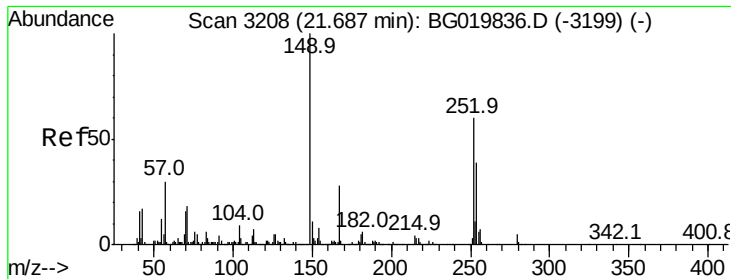
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#80
Benzo(a)anthracene
Concen: 37.98 ng
RT: 21.74 min Scan# 3218
Delta R.T. -0.02 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	694307		
226	28.7	23.4	35.0	
229	20.4	16.6	25.0	





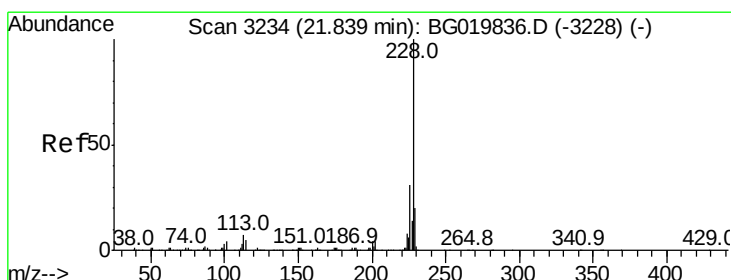
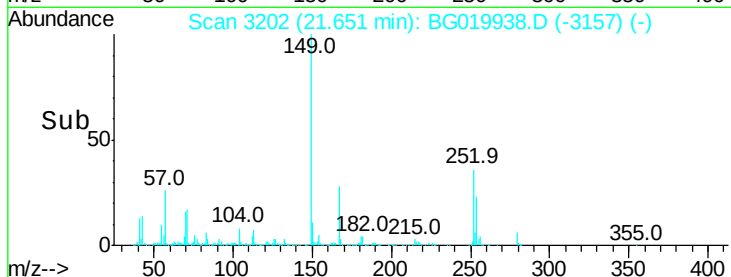
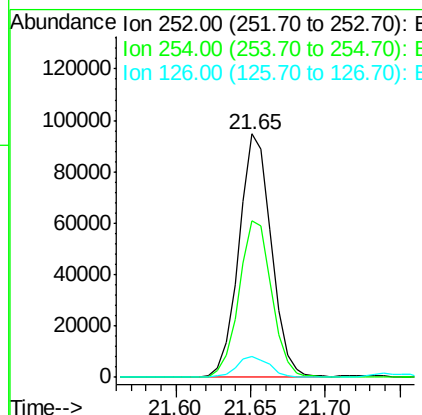
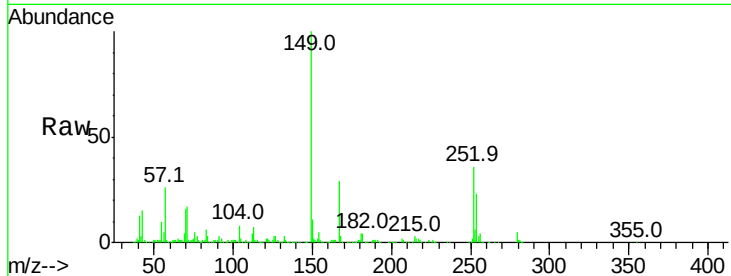
#81
 3,3'-Dichlorobenzidine
 Concen: 20.51 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.04 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	142767		
254	64.3	52.5	78.7	
126	8.6	8.5	12.7	

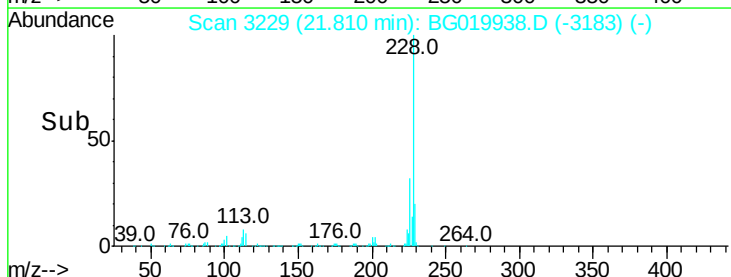
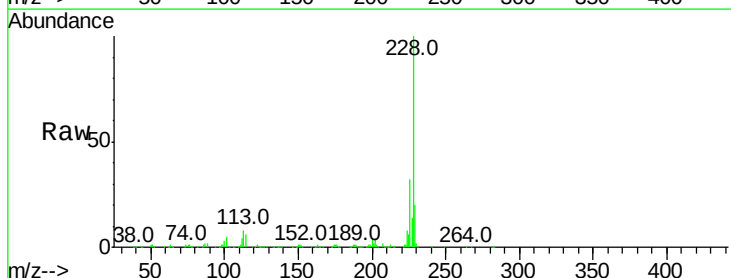
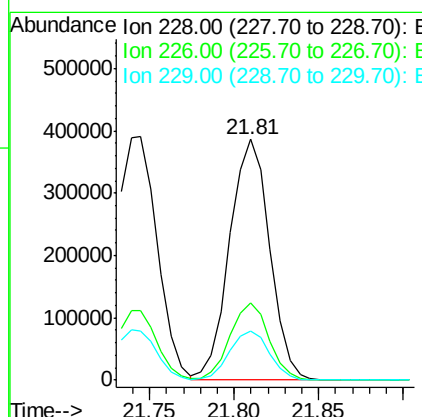
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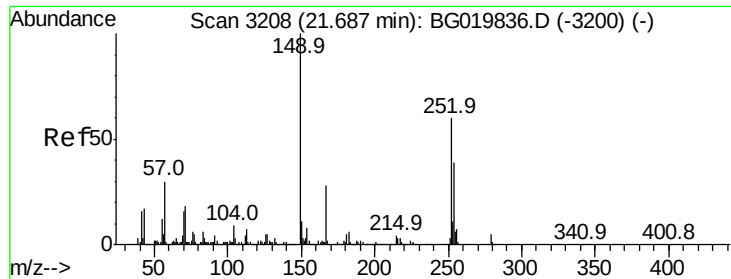
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#82
 Chrysene
 Concen: 36.57 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.03 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	634824		
226	31.9	26.7	40.1	
229	20.2	17.0	25.6	





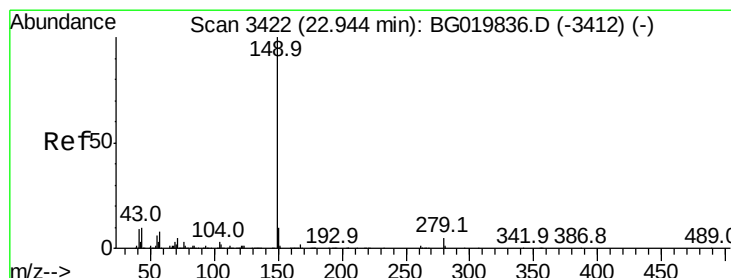
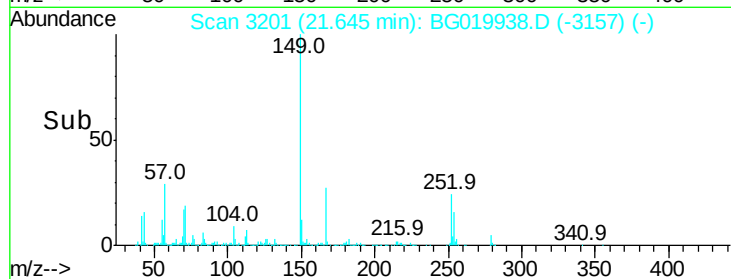
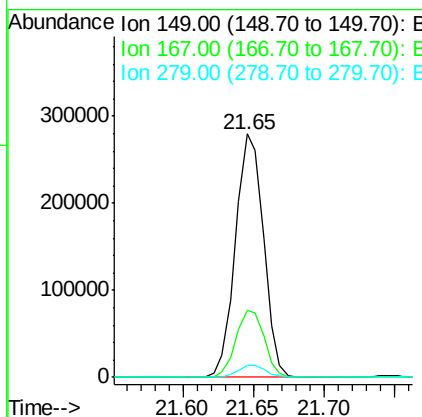
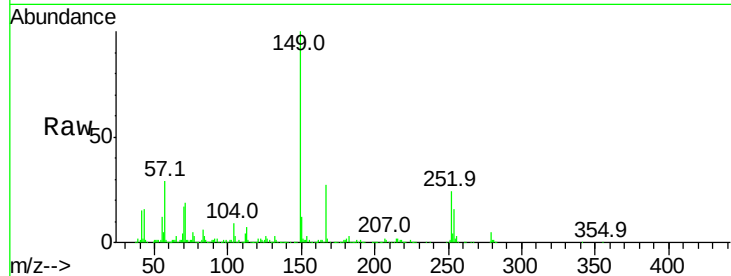
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.37 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.4	23.8	35.8	
279	4.7	3.4	5.2	

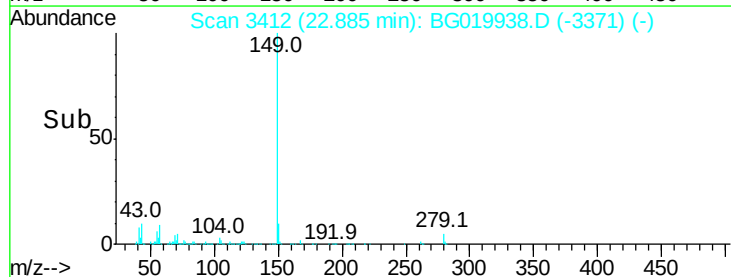
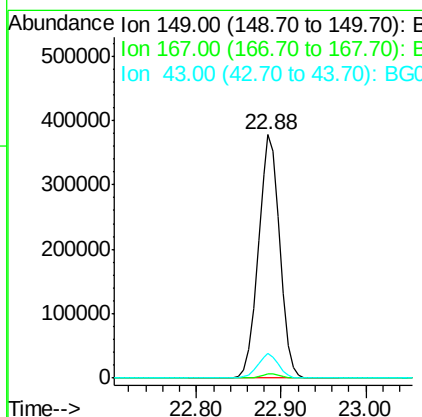
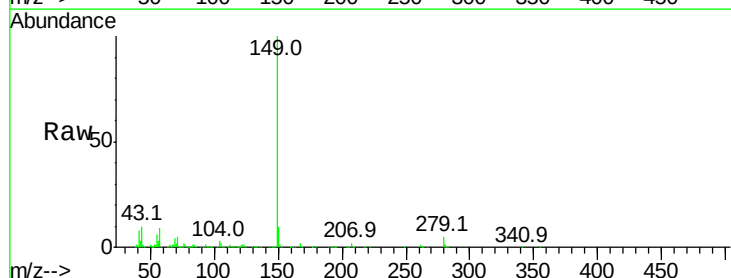
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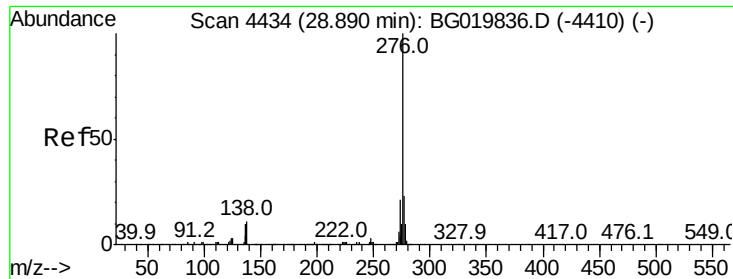
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#84
 Di-n-octyl phthalate
 Concen: 40.48 ng
 RT: 22.88 min Scan# 3412
 Delta R.T. -0.06 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	9.9	5.9	8.9	





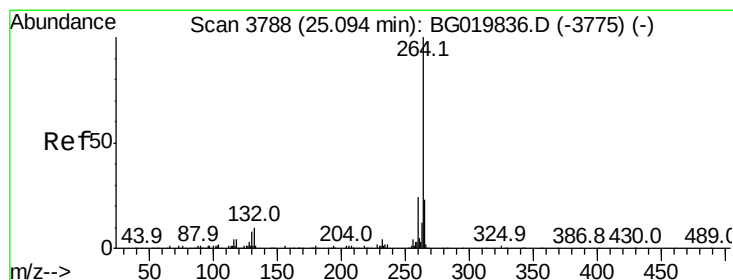
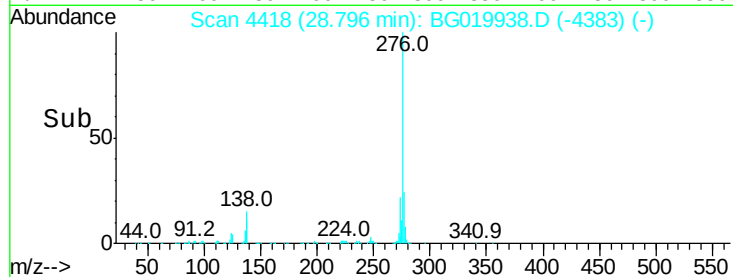
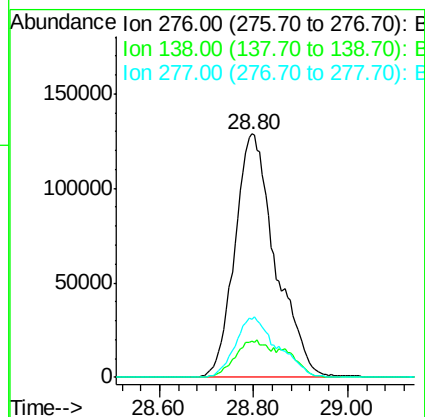
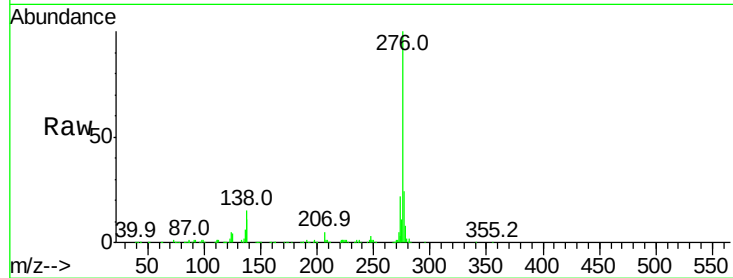
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.33 ng
 RT: 28.80 min Scan# 4418
 Delta R.T. -0.09 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BS

Tot Ion:	276	Resp:	771126
Ion Ratio	Lower	Upper	
276	100		
138	13.4	0.0	0.0#
277	25.7	0.0	0.0#

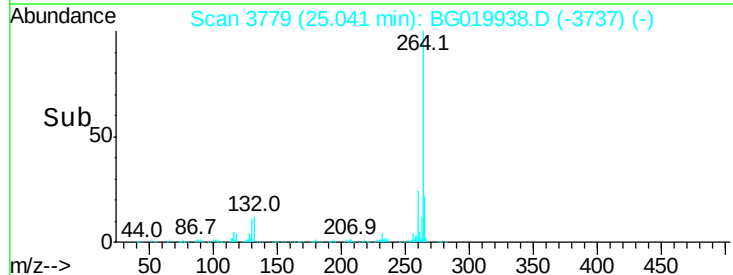
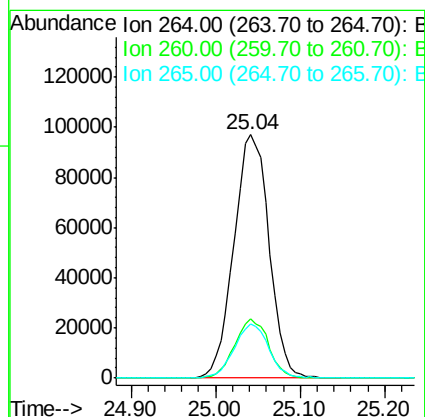
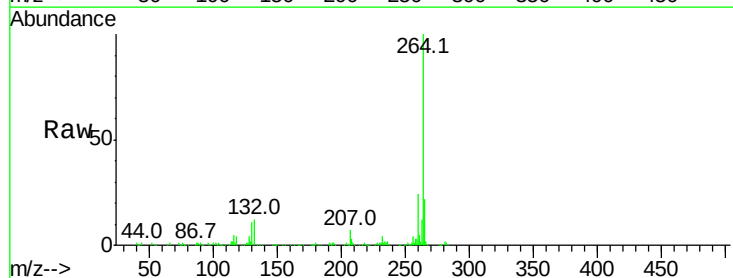
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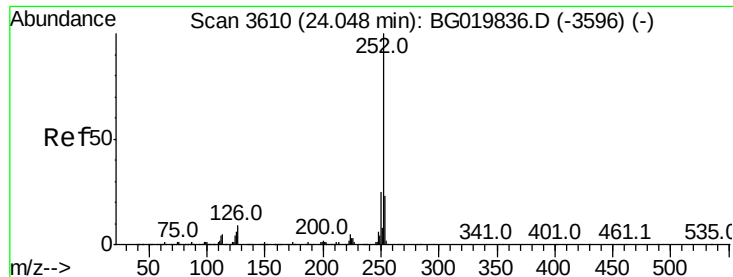
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.04 min Scan# 3779
 Delta R.T. -0.05 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Tgt Ion:	264	Resp:	279680
Ion Ratio	Lower	Upper	
264	100		
260	24.4	18.5	27.7
265	22.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.30 ng

RT: 24.00 min Scan# 3602

Delta R.T. -0.05 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Instrument :

BNA_G

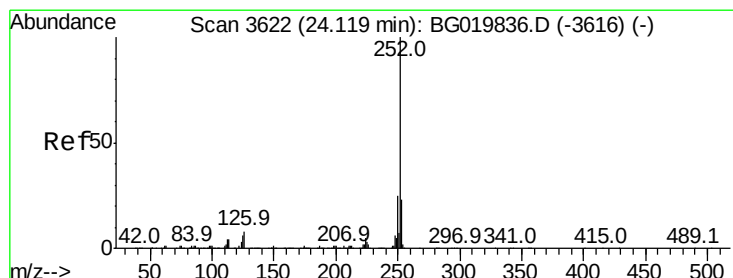
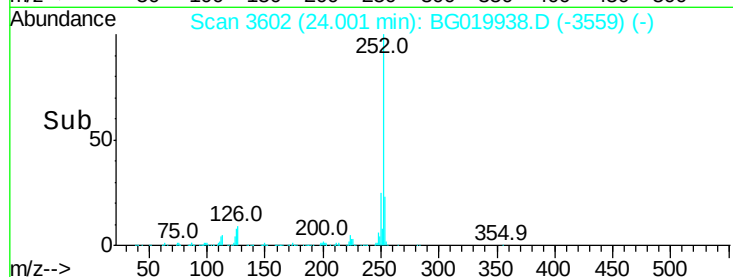
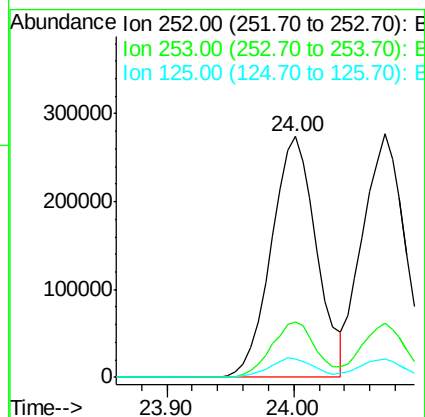
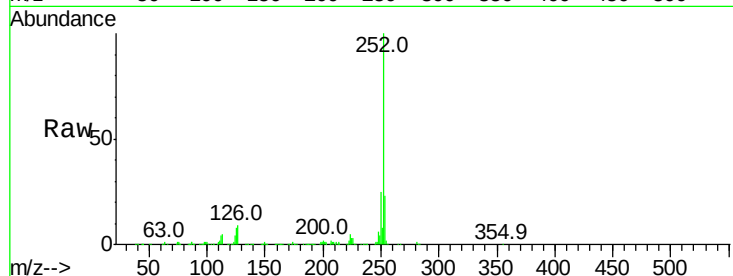
ClientSampleId :

PB86993BS

Tot Ion:	252	Resp:	678940
Ion Ratio	Lower	Upper	
252	100		
253	23.1	19.1	28.7
125	7.5	8.9	13.3#

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#88

Benzo(k)fluoranthene

Concen: 36.59 ng

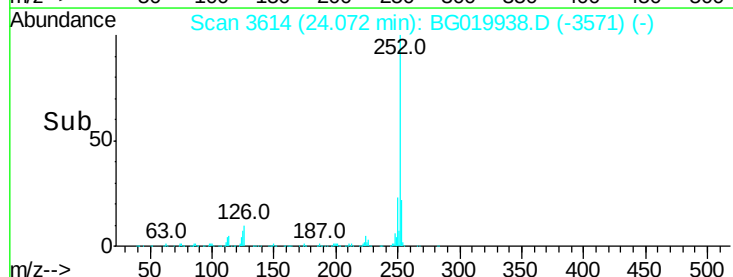
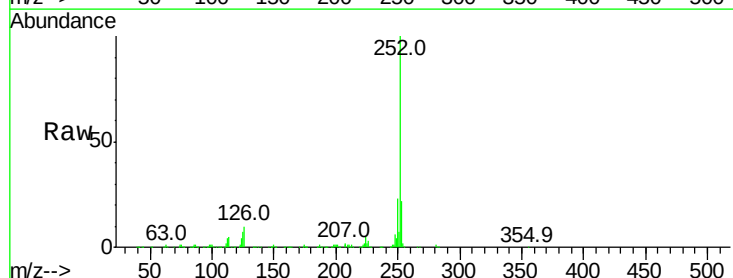
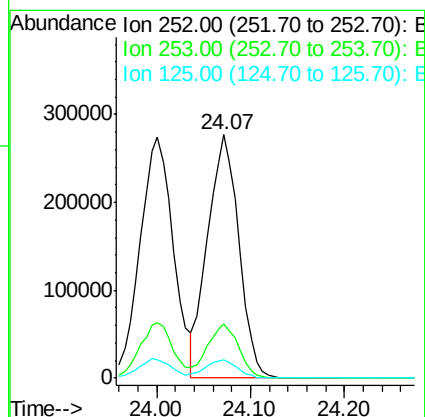
RT: 24.07 min Scan# 3614

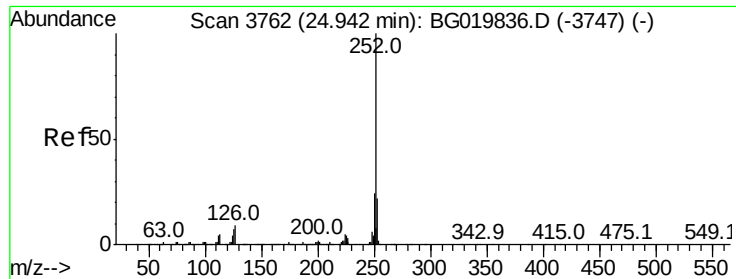
Delta R.T. -0.05 min

Lab File: BG019938.D

Acq: 5 Dec 2015 12:30

Tgt Ion:	252	Resp:	642303
Ion Ratio	Lower	Upper	
252	100		
253	22.0	19.0	28.4
125	7.4	8.9	13.3#





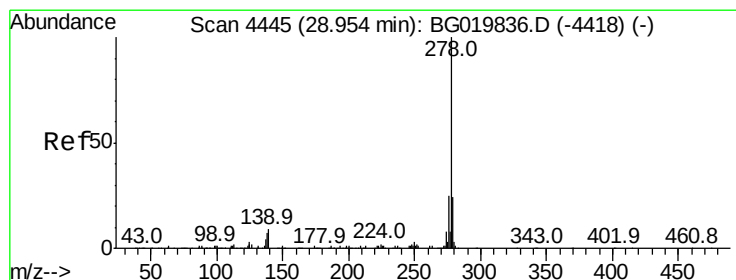
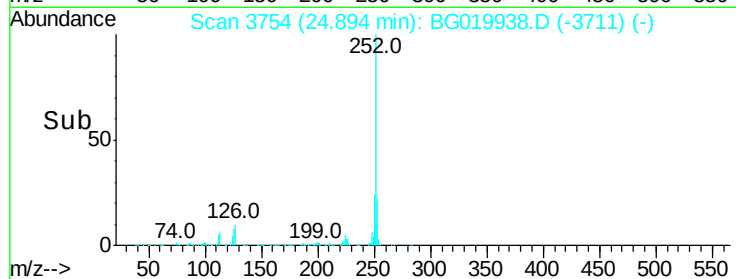
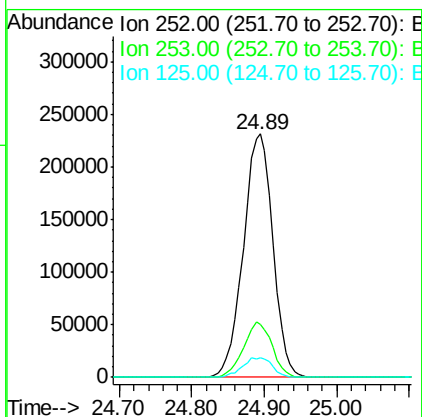
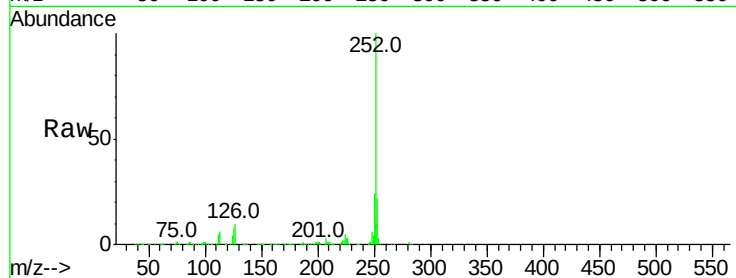
#89
Benzo(a)pyrene
Concen: 38.87 ng
RT: 24.89 min Scan# 3754
Delta R.T. -0.05 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Instrument :
BNA_G
ClientSampleId :
PB86993BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.0	18.7	28.1
125	8.0	9.1	13.7#

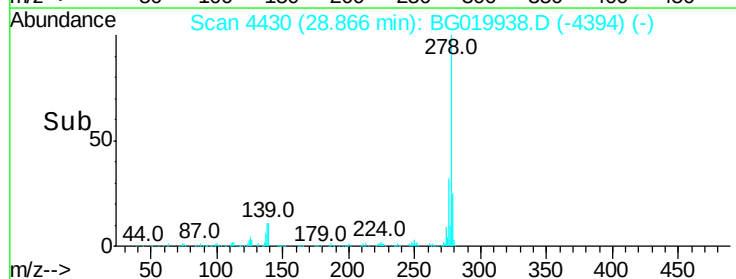
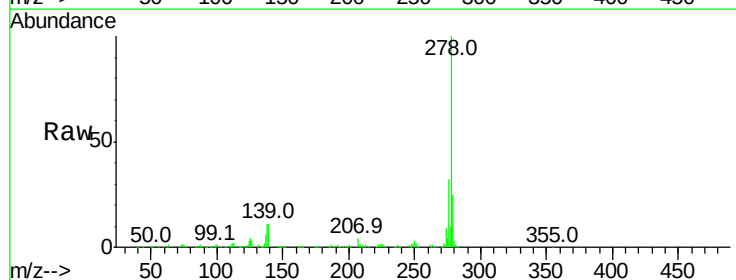
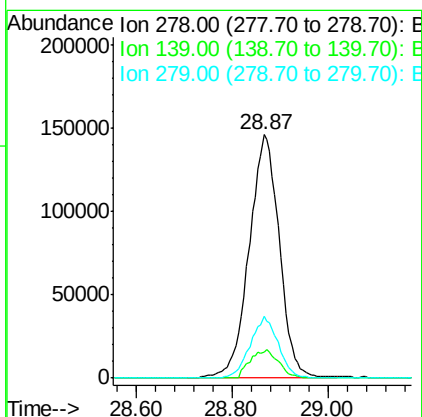
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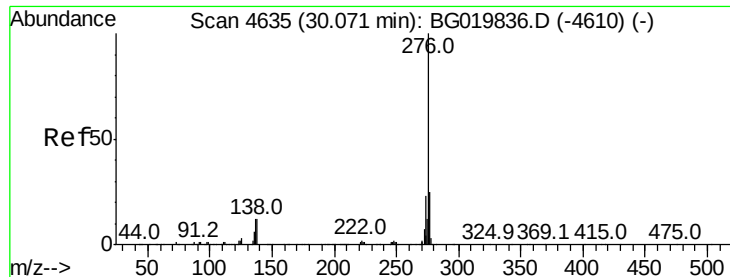
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#90
Dibenzo(a,h)anthracene
Concen: 38.44 ng
RT: 28.87 min Scan# 4430
Delta R.T. -0.09 min
Lab File: BG019938.D
Acq: 5 Dec 2015 12:30

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	10.5	13.8	20.6#
279	25.4	19.4	29.0





#91
 Benzo(a,h,i)perylene
 Concen: 38.54 ng
 RT: 29.98 min Scan# 4620
 Delta R.T. -0.09 min
 Lab File: BG019938.D
 Acq: 5 Dec 2015 12:30

Instrument :
 BNA_G
 ClientSampleId :
 PB86993BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.4	27.6
138	15.5	17.4	26.0

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