

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
 Data File : BG019936.D
 Acq On : 5 Dec 2015 11:14
 Operator : UM/NP
 Sample : PB87014BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BS

Manual Integrations
 APPROVED

Mmdadoda
 12/7/2015 6:29:45 PM

Quant Time: Dec 07 04:53:25 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	8.12	152	26176	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	114390	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	84346	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	218265	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	266253	20.00	ng	-0.03
86) Perylene-d12	25.04	264	246885	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	133775	92.37	ng	0.00
7) Phenol-d6	7.26	99	195533	89.42	ng	0.00
23) Nitrobenzene-d5	9.29	82	187673	83.73	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	103206	79.97	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	477031	77.22	ng	-0.02
78) Terphenyl-d14	20.09	244	866763	79.40	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	20033	35.51	ng	# 100
3) Pyridine	3.93	79	62562	36.51	ng	# 87
4) n-Nitrosodimethylamine	3.84	42	33302	36.95	ng	# 82
6) Aniline	7.43	93	76246	26.93	ng	# 83
8) 2-Chlorophenol	7.68	128	74993	42.46	ng	# 93
9) Benzaldehyde	7.25	77	18084	12.40	ng	# 92
10) Phenol	7.29	94	105936	46.03	ng	# 84
11) bis(2-Chloroethyl)ether	7.53	93	68048	39.92	ng	# 85
12) 1,3-Dichlorobenzene	8.00	146	75801	37.87	ng	# 92
13) 1,4-Dichlorobenzene	8.15	146	77741	37.60	ng	# 93
14) 1,2-Dichlorobenzene	8.47	146	75907	38.49	ng	# 96
15) Benzyl Alcohol	8.35	79	81520	42.48	ng	# 93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	105455	37.94	ng	# 95
17) 2-Methylphenol	8.55	107	71000	43.70	ng	# 92
18) Hexachloroethane	9.21	117	29908	38.63	ng	# 96
19) n-Nitroso-di-n-propylamine	8.92	70	63898	37.05	ng	# 90
20) 3+4-Methylphenols	8.88	107	100927	44.11	ng	# 93
22) Acetophenone	8.94	105	116632	37.20	ng	# 91
24) Nitrobenzene	9.33	77	99471	40.91	ng	# 90
25) Isophorone	9.85	82	178432	37.13	ng	# 96
26) 2-Nitrophenol	10.04	139	41375	44.06	ng	# 75
27) 2,4-Dimethylphenol	10.09	122	83014	42.45	ng	# 90
28) bis(2-Chloroethoxy)methane	10.33	93	100298	42.71	ng	# 98
29) 2,4-Dichlorophenol	10.57	162	88870	44.49	ng	# 95
30) 1,2,4-Trichlorobenzene	10.80	180	85857	38.03	ng	# 97
31) Naphthalene	10.98	128	245693	40.09	ng	# 98
32) Benzoic acid	10.21	122	56065	43.23	ng	# 90
33) 4-Chloroaniline	11.08	127	58328	21.60	ng	# 92
34) Hexachlorobutadiene	11.27	225	60000	36.03	ng	# 99
35) Caprolactam	11.86	113	33015m	44.40	ng	# 94
36) 4-Chloro-3-methylphenol	12.19	107	105133	42.26	ng	# 94
37) 2-Methylnaphthalene	12.58	142	189645	42.23	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	118507	37.02	ng	# 99
40) Hexachlorocyclopentadiene	12.93	237	125740	68.90	ng	# 99

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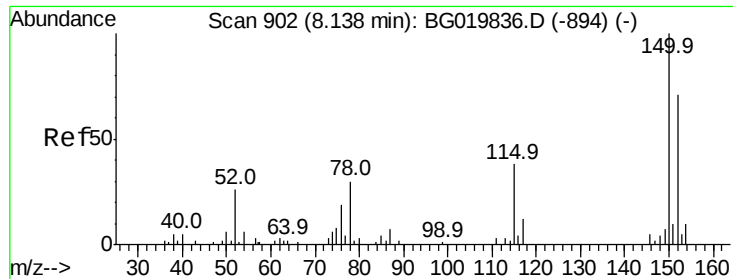
Manual Integrations
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 12/7/2015 6:29:45 PM

Quant Time: Dec 07 04:53:25 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	83796	39.54	nq	98
43) 2,4,5-Trichlorophenol	13.25	196	94453	42.17	nq	94
45) 1,1'-Biphenyl	13.58	154	252649	36.50	nq	99
46) 2-Chloronaphthalene	13.63	162	206326	38.67	nq	97
47) 2-Nitroaniline	13.82	65	76001	45.10	nq	90
48) Acenaphthylene	14.47	152	348662	38.36	nq	98
49) Dimethylphthalate	14.20	163	289200	38.12	nq	99
50) 2,6-Dinitrotoluene	14.31	165	62865	44.07	nq	# 76
51) Acenaphthene	14.81	154	246338	44.67	nq	98
52) 3-Nitroaniline	14.64	138	50516	34.09	nq	94
53) 2,4-Dinitrophenol	14.84	184	67300	87.65	nq	# 86
54) Dibenzofuran	15.14	168	350252	42.69	nq	94
55) 4-Nitrophenol	14.94	139	108868	84.35	nq	# 60
56) 2,4-Dinitrotoluene	15.10	165	92821	46.64	nq	# 88
57) Fluorene	15.79	166	285803	38.92	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.36	232	94746	45.71	nq	97
59) Diethylphthalate	15.55	149	306468	37.32	nq	97
60) 4-Chlorophenyl-phenylether	15.78	204	156833	37.20	nq	98
61) 4-Nitroaniline	15.80	138	69925	41.95	nq	# 72
62) Azobenzene	16.07	77	293958	43.02	nq	94
64) 4,6-Dinitro-2-methylphenol	15.85	198	53193	43.97	nq	90
65) n-Nitrosodiphenylamine	16.00	169	258267	40.89	nq	97
66) 4-Bromophenyl-phenylether	16.68	248	105645	38.95	nq	94
67) Hexachlorobenzene	16.79	284	111644	39.52	nq	95
68) Atrazine	16.94	200	98377	35.85	nq	97
69) Pentachlorophenol	17.13	266	147739	89.59	nq	96
70) Phenanthrene	17.53	178	497804	40.31	nq	97
71) Anthracene	17.62	178	512795	40.77	nq	96
72) Carbazole	17.89	167	456252	41.17	nq	97
73) Di-n-butylphthalate	18.44	149	544114	40.06	nq	99
74) Fluoranthene	19.53	202	630579	39.92	nq	95
76) Benzidine	19.71	184	277500	31.73	nq	96
77) Pyrene	19.89	202	651651	41.60	nq	94
79) Butylbenzylphthalate	20.77	149	259980	42.34	nq	99
80) Benzo(a)anthracene	21.74	228	662580	40.65	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	181043	29.17	nq	# 97
82) Chrysene	21.81	228	604586	39.07	nq	97
83) Bis(2-ethylhexyl)phthalate	21.65	149	369016	40.96	nq	98
84) Di-n-octyl phthalate	22.89	149	638851	43.61	nq	# 94
85) Indeno(1,2,3-cd)pyrene	28.80	276	742756	43.57	nq	# 100
87) Benzo(b)fluoranthene	24.00	252	644393	41.18	nq	# 95
88) Benzo(k)fluoranthene	24.07	252	629682	40.63	nq	# 94
89) Benzo(a)pyrene	24.89	252	627163	42.22	nq	# 96
90) Dibenzo(a,h)anthracene	28.87	278	615048	41.91	nq	# 94
91) Benzo(g,h,i)perylene	29.97	276	615964	42.74	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

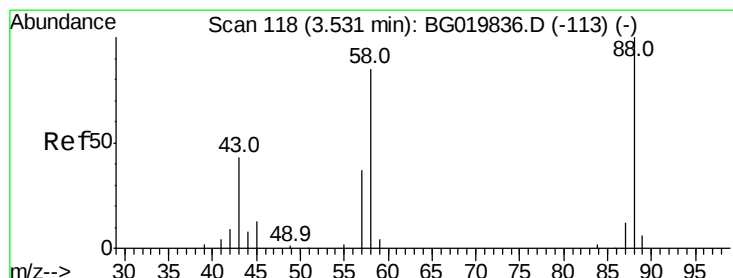
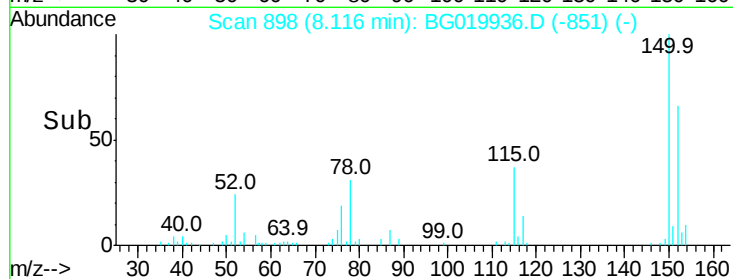
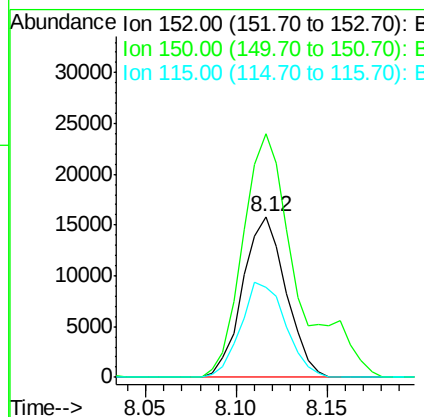
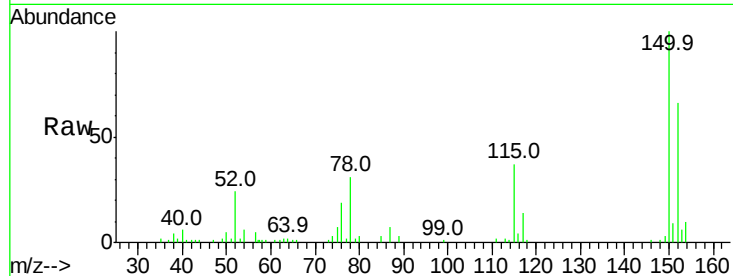
ClientSampleId :

PB87014BS

Tot Ion:	152	Resp:	26176
Ion Ratio	Lower	Upper	
152	100		
150	151.8	115.0	172.4
115	55.8	43.9	65.9

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#2

1,4-Dioxane

Concen: 35.51 ng

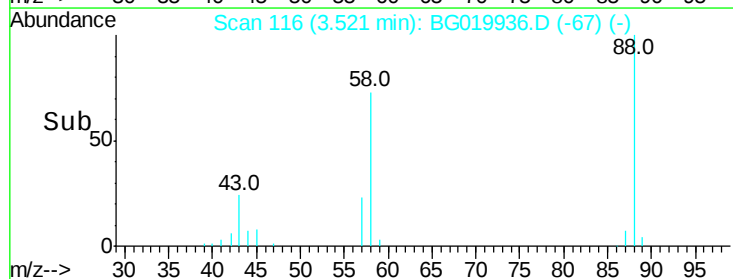
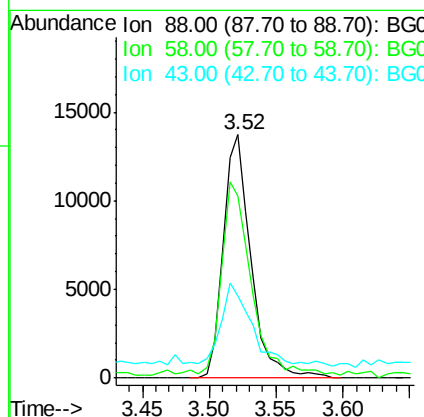
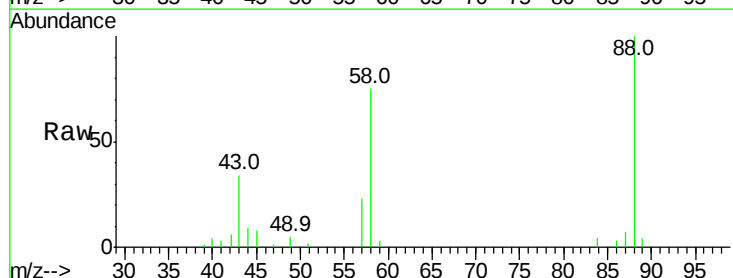
RT: 3.52 min Scan# 116

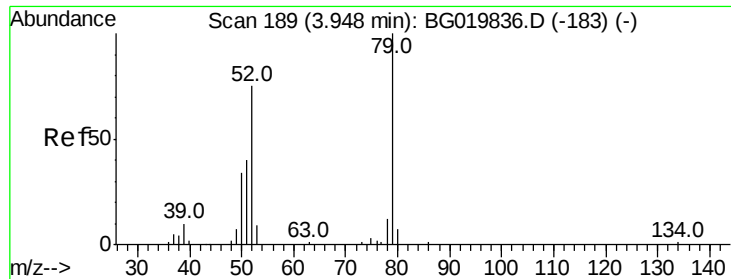
Delta R.T. -0.01 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Tgt Ion:	88	Resp:	20033
Ion Ratio	Lower	Upper	
88	100		
58	83.7	0.0	0.0#
43	34.3	0.0	0.0#





#3

Pvridine

Concen: 36.51 ng

RT: 3.93 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

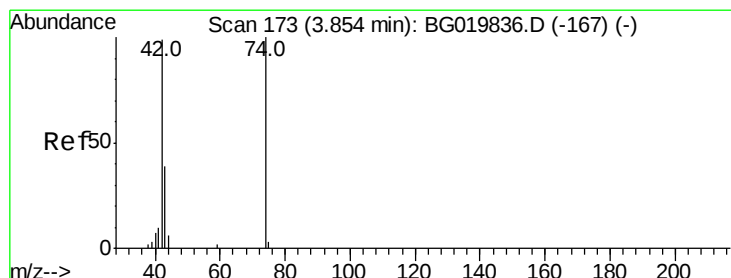
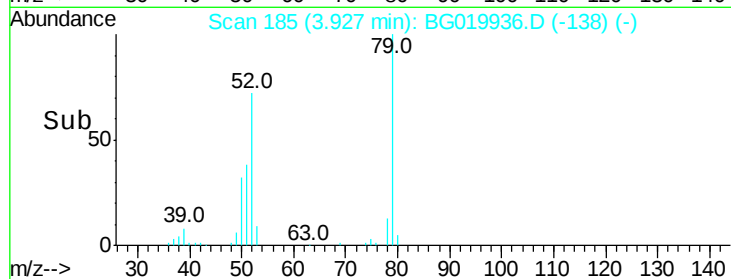
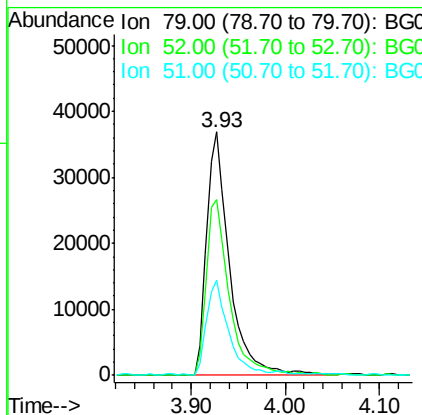
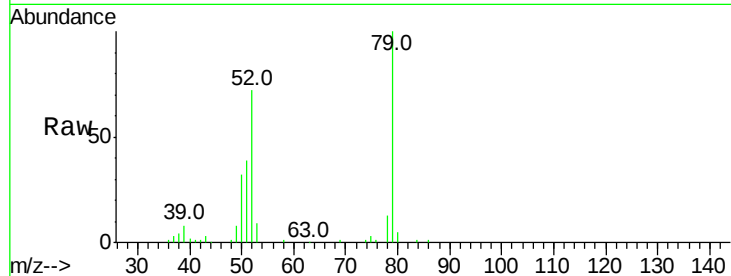
ClientSampleId :

PB87014BS

Tot Ion:	79	Resp:	62562
Ion Ratio	Lower	Upper	
79	100		
52	72.0	50.3	75.5
51	38.8	24.8	37.2#

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#4

n-Nitrosodimethylamine

Concen: 36.95 ng

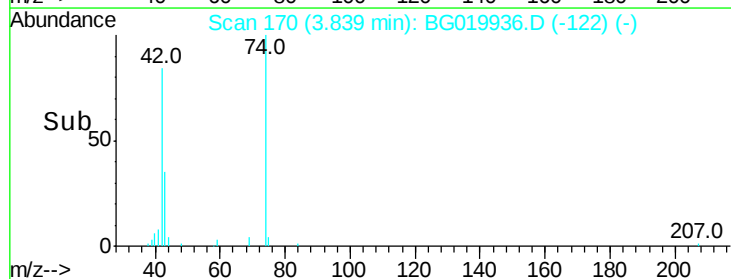
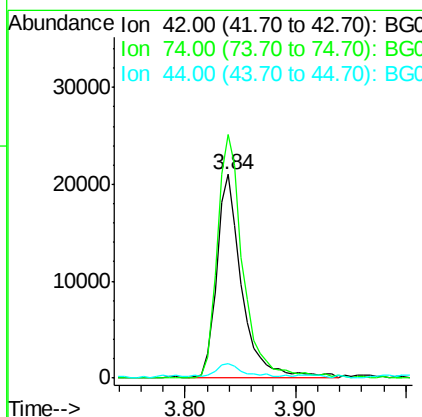
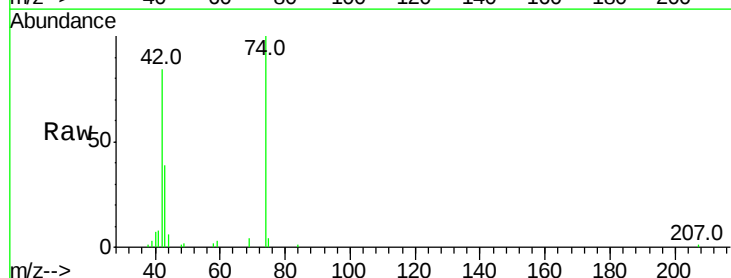
RT: 3.84 min Scan# 170

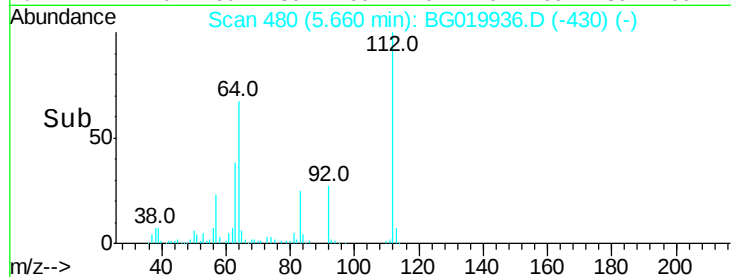
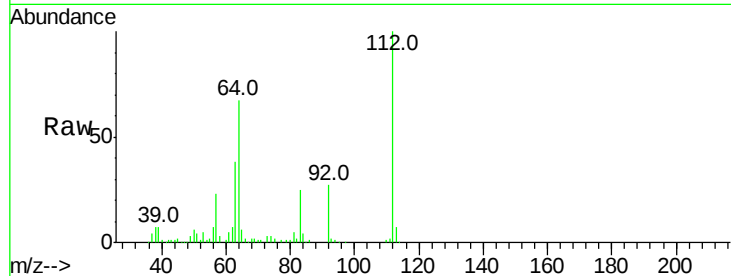
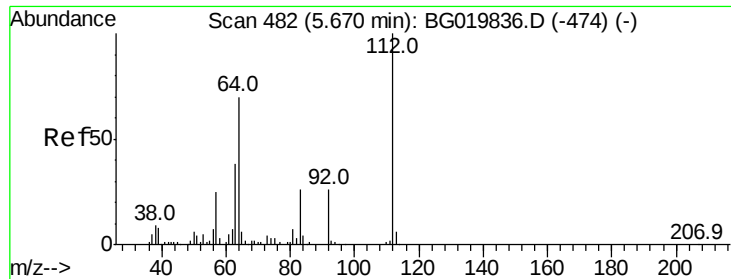
Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Tgt Ion:	42	Resp:	33302
Ion Ratio	Lower	Upper	
42	100		
74	119.6	113.9	170.9
44	7.4	5.7	8.5





#5

2-Fluorophenol

Concen: 92.37 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Tot Ion	Ratio	Resp	Lower	Upper
112	100	133775		
64	67.3	43.7	65.5#	
63	38.5	24.0	36.0#	

Instrument :

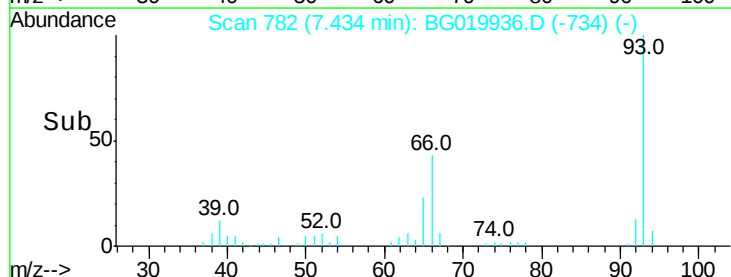
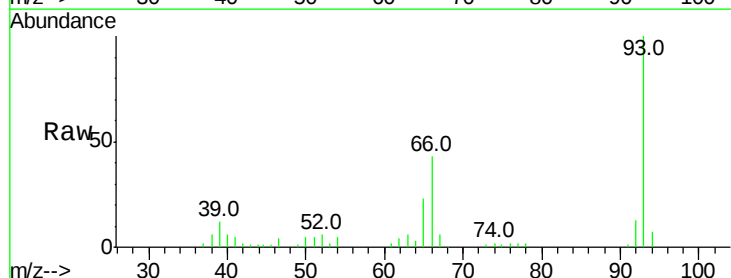
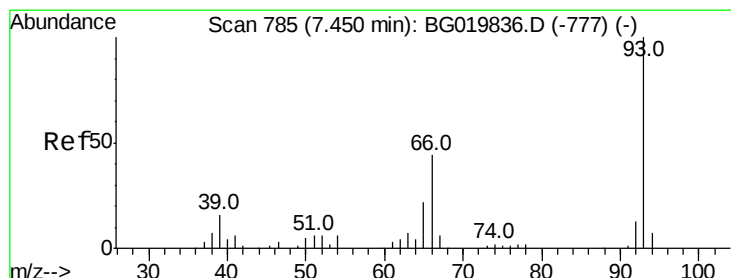
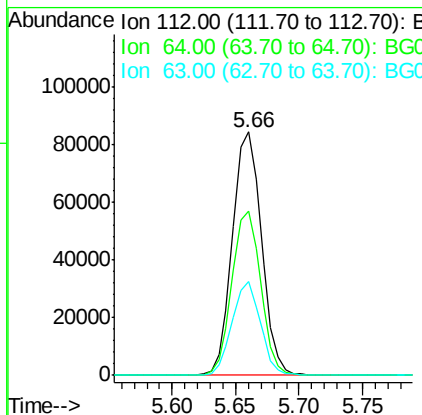
BNA_G

ClientSampleId :

PB87014BS

Manual Integrations
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#6

Aniline

Concen: 26.93 ng

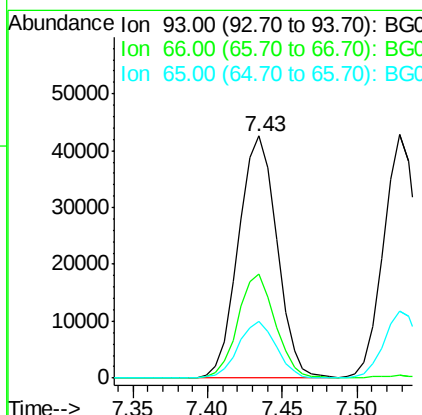
RT: 7.43 min Scan# 782

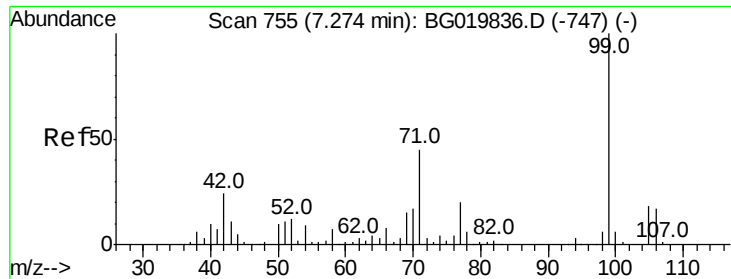
Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	76246		
66	43.1	26.2	39.2#	
65	23.2	14.0	21.0#	





#7

Phenol-d6

Concen: 89.42 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

ClientSampleId :

PB87014BS

Tot Ion: 99 Resp: 195533

Ion Ratio Lower Upper

99 100

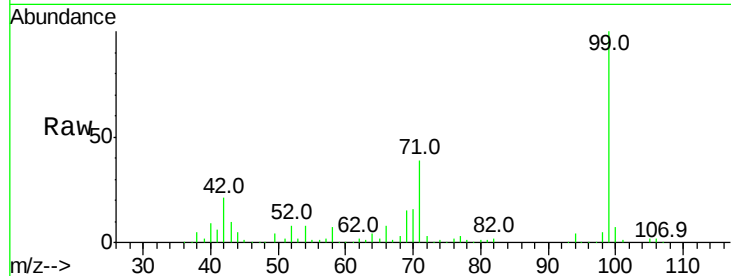
42 20.7 11.5 17.3#

71 39.1 22.6 34.0#

Manual Integrations
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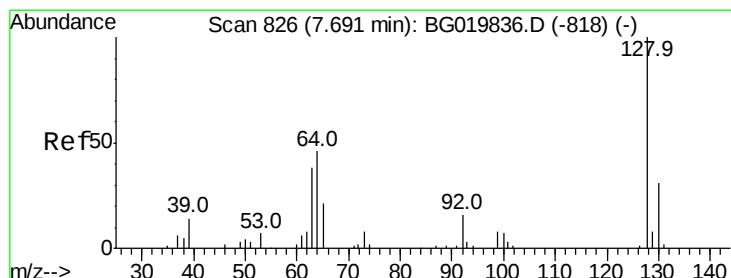
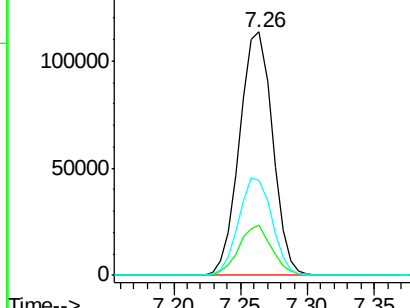
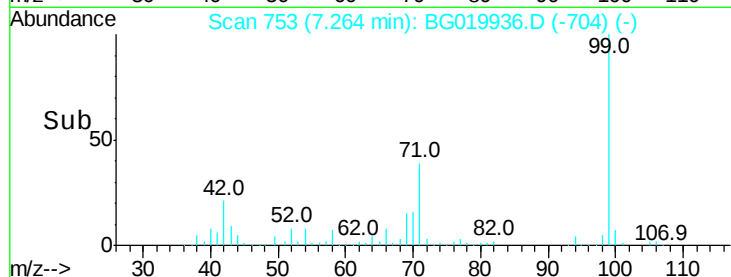
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.46 ng

RT: 7.68 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

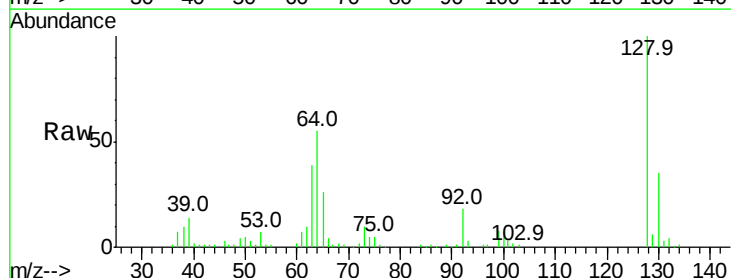
Tgt Ion:128 Resp: 74993

Ion Ratio Lower Upper

128 100

130 35.0 13.0 53.0

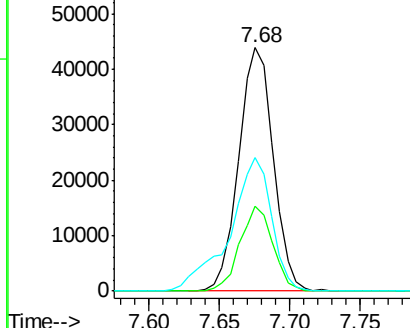
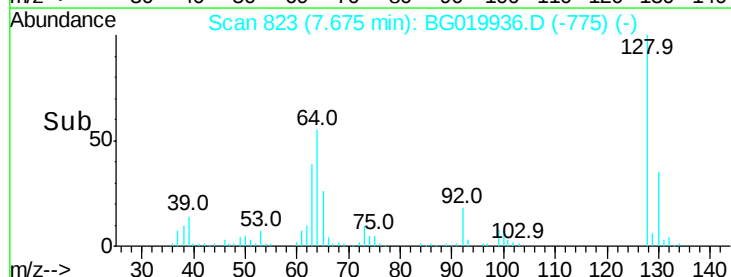
64 54.7 28.2 68.2

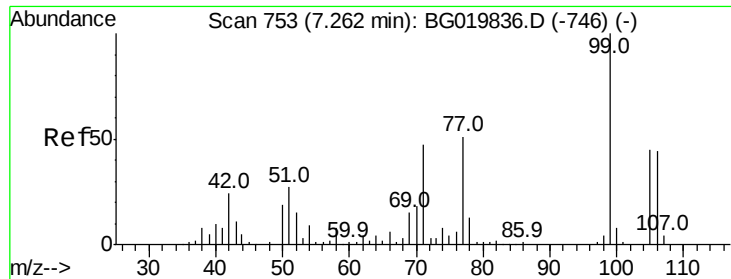


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 12.40 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

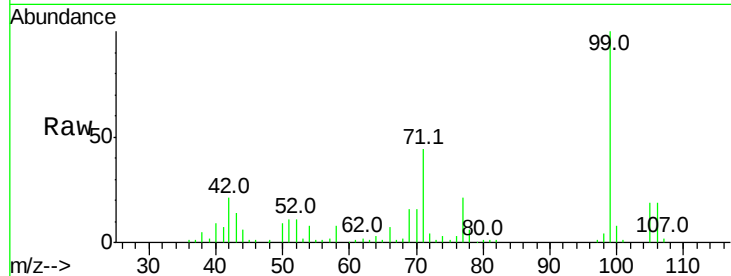
ClientSampleId :

PB87014BS

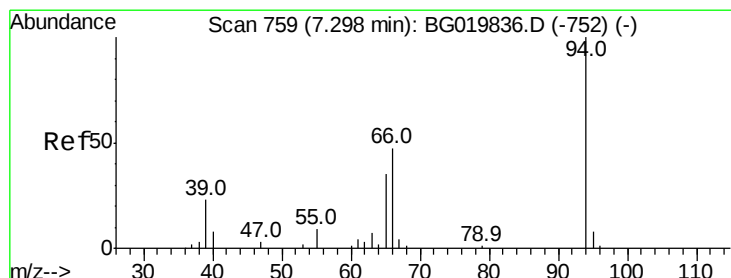
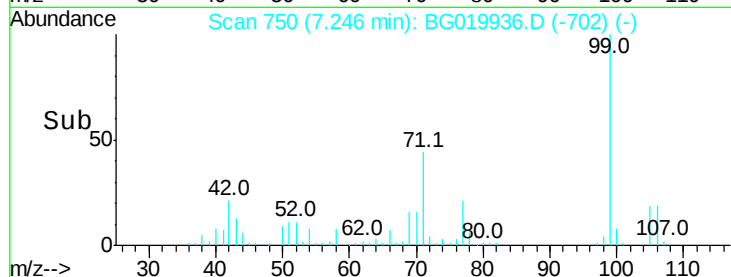
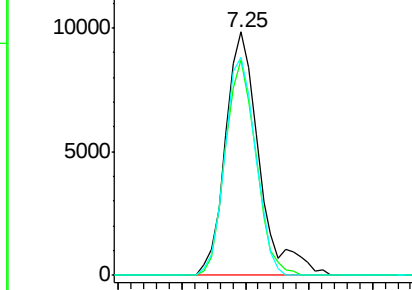
Tot Ion	Ratio	Lower	Upper
77	100		
105	88.2	77.7	117.7
106	89.5	75.8	115.8

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



#10

Phenol

Concen: 46.03 ng

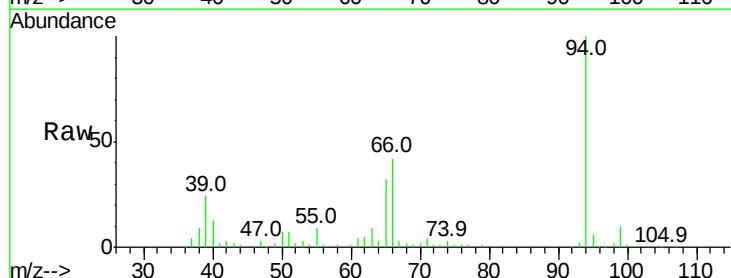
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Delta R.T. -0.01 min

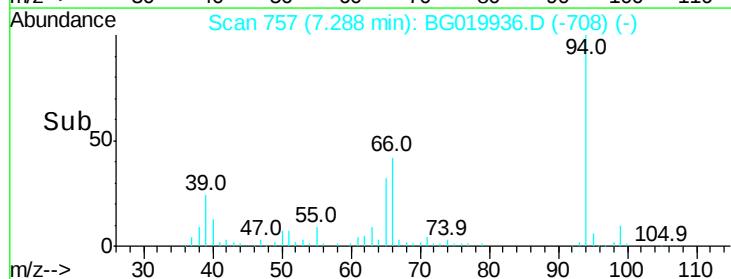
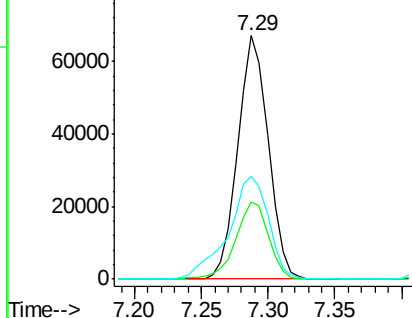
Lab File: BG019936.D

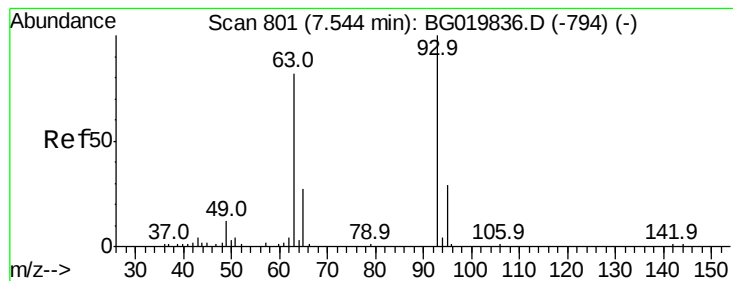
Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.9	5.4	45.4
66	42.4	11.8	51.8



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





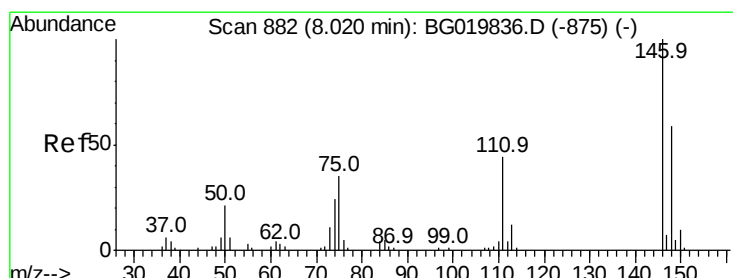
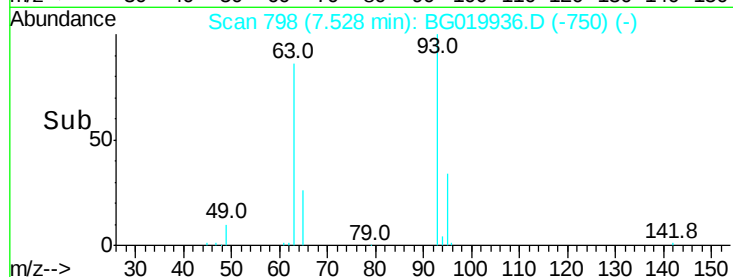
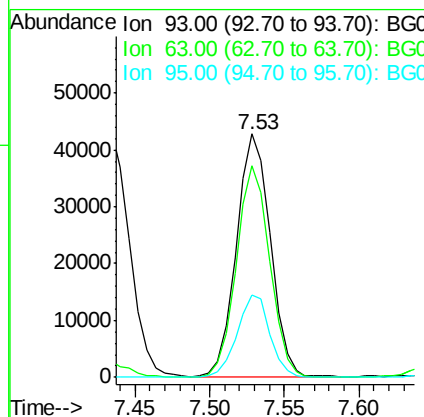
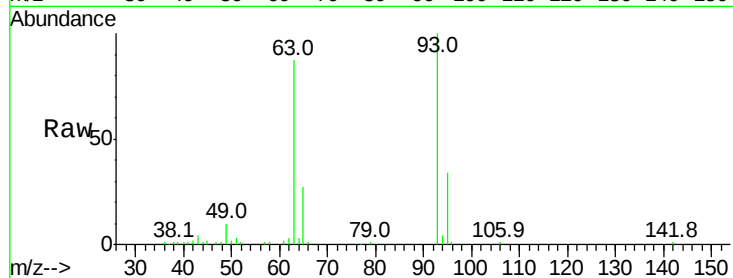
#11
bis(2-Chloroethyl)ether
Concen: 39.92 ng
RT: 7.53 min Scan# 798
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Instrument :
BNA_G
ClientSampleId :
PB87014BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	68048		
63	87.0	50.5	90.5	
95	33.8	12.2	52.2	

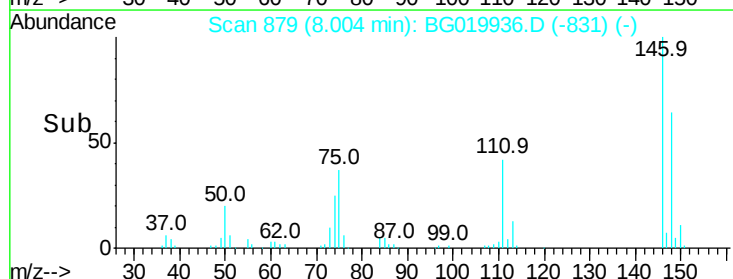
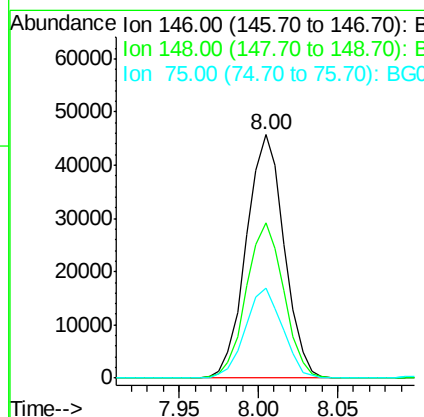
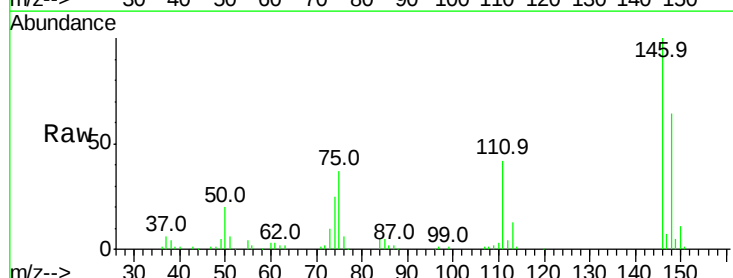
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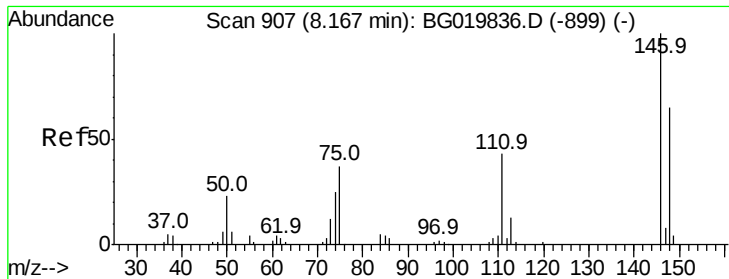
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#12
1,3-Dichlorobenzene
Concen: 37.87 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	75801		
148	64.0	53.4	80.0	
75	37.0	21.1	31.7	





#13

1,4-Dichlorobenzene

Concen: 37.60 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

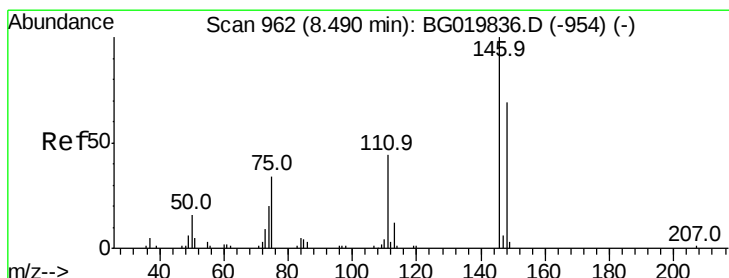
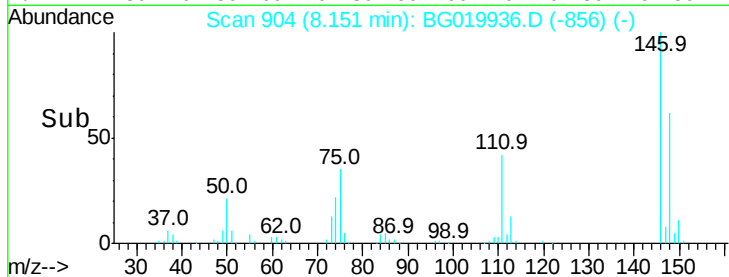
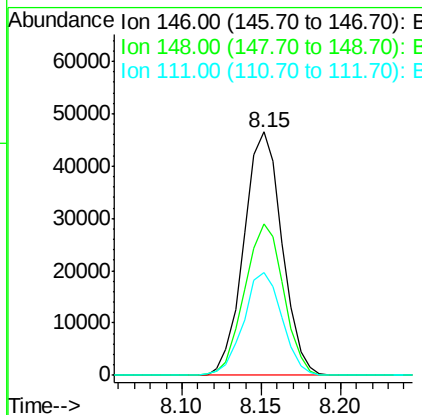
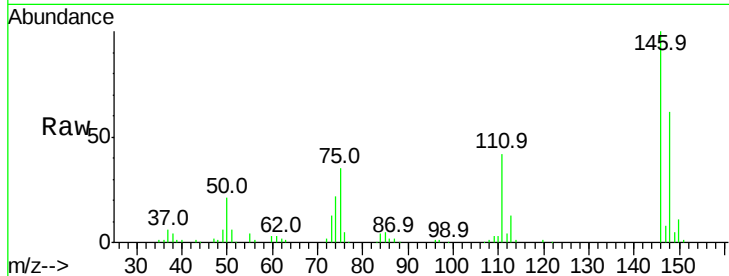
ClientSampleId :

PB87014BS

Tot Ion:	146	Resp:	77741
Ion Ratio	Lower	Upper	
146	100		
148	62.4	52.5	78.7
111	42.4	28.3	42.5

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#14

1,2-Dichlorobenzene

Concen: 38.49 ng

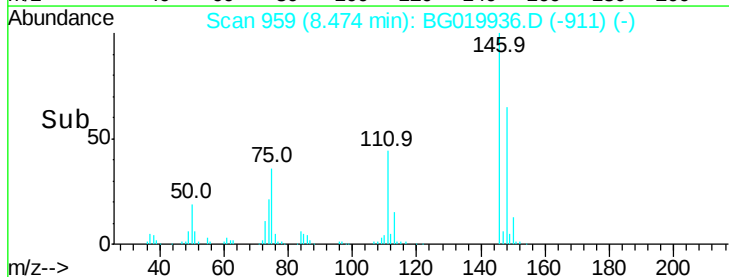
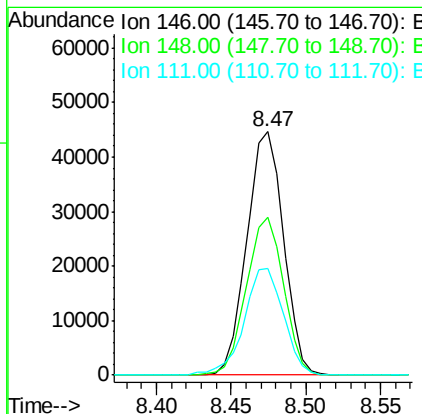
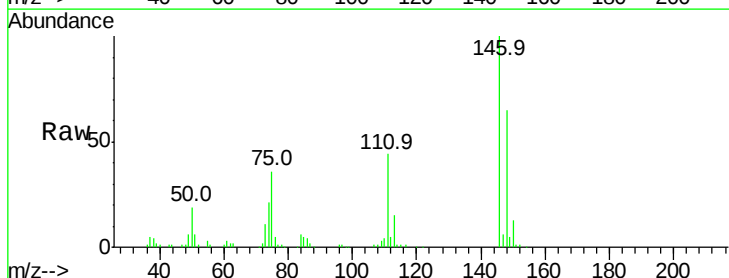
RT: 8.47 min Scan# 959

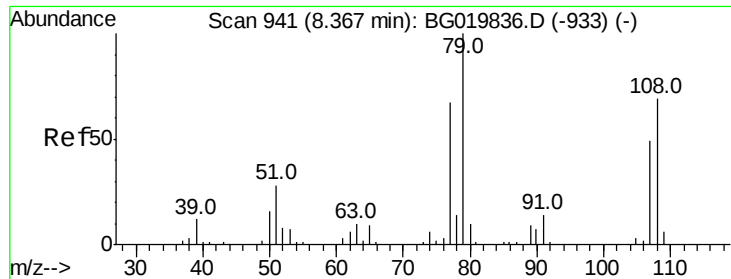
Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Tgt Ion:	146	Resp:	75907
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.5	78.7
111	43.7	29.9	44.9





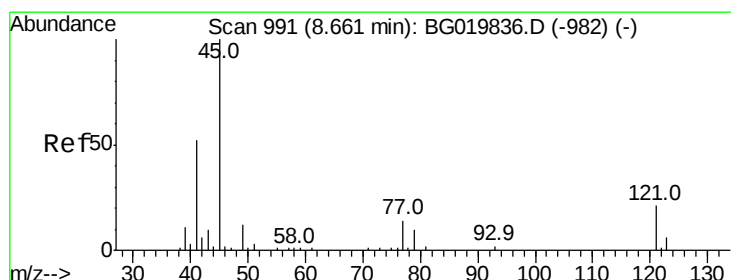
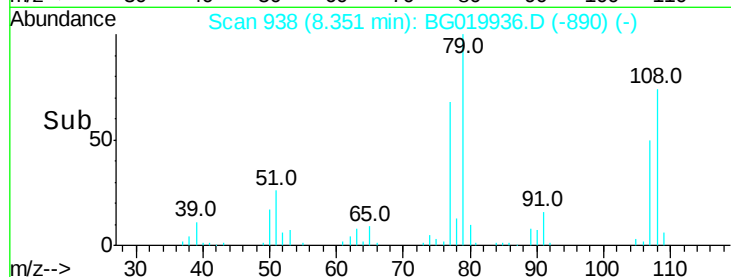
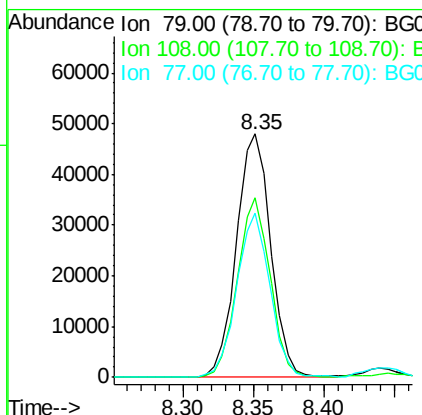
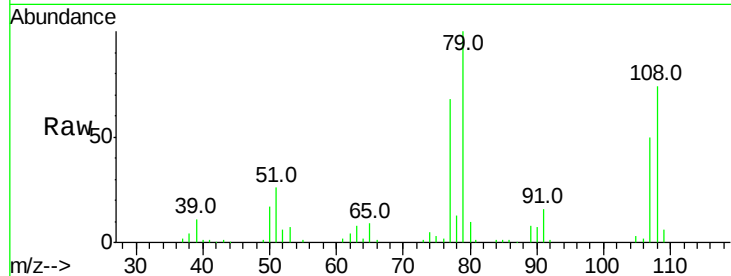
#15
Benzyl Alcohol
Concen: 42.48 ng
RT: 8.35 min Scan# 938
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Instrument :
BNA_G
ClientSampleId :
PB87014BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.6	65.5	98.3
77	67.7	51.3	76.9

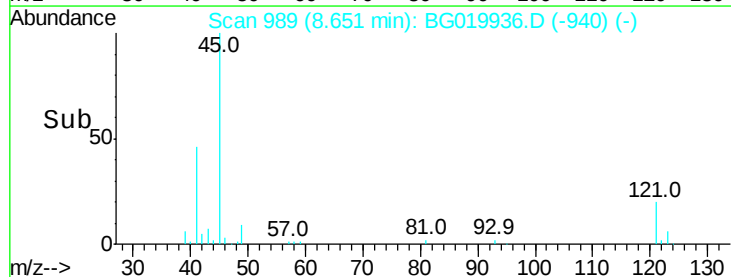
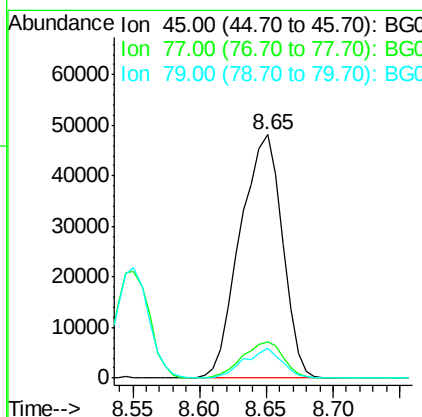
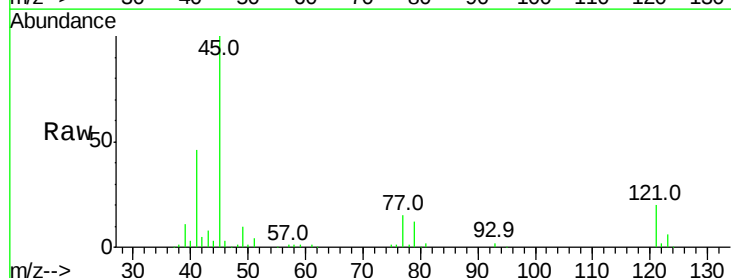
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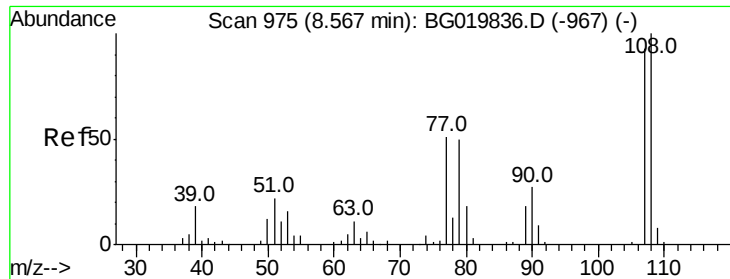
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.94 ng
RT: 8.65 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	37.0
79	12.3	0.0	33.8





#17

2-Methylphenol

Concen: 43.70 ng

RT: 8.55 min Scan# 972

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

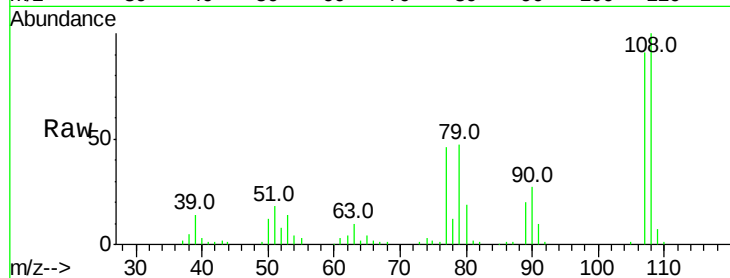
ClientSampleId :

PB87014BS

Tot Ion:	107	Resp:	71000
Ion Ratio	Lower	Upper	
107	100		
108	110.5	86.5	129.7
77	50.3	34.6	51.8
79	52.3	32.3	48.5#

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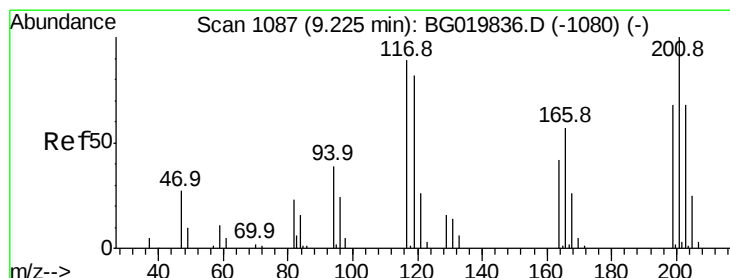
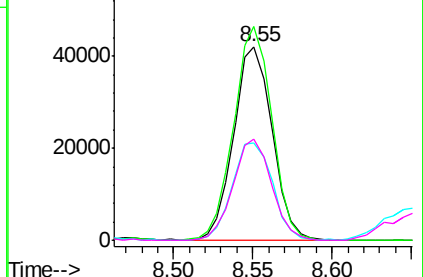
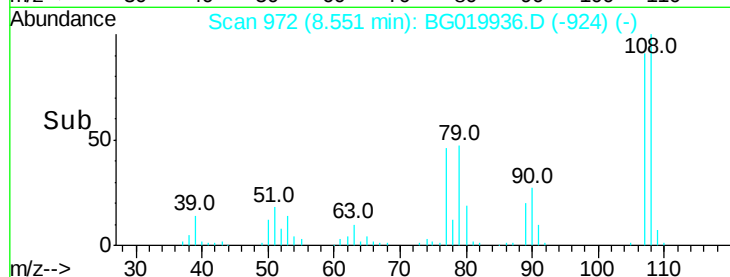


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.63 ng

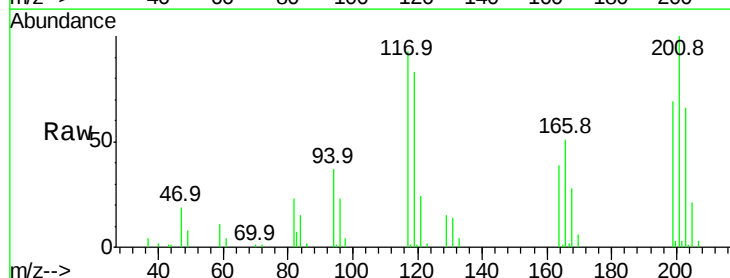
RT: 9.21 min Scan# 1084

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

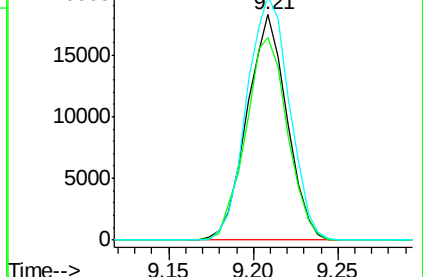
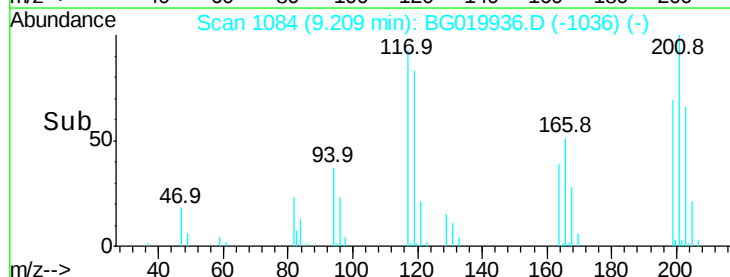
Tgt Ion:	117	Resp:	29908
Ion Ratio	Lower	Upper	
117	100		
119	90.9	71.7	107.5
201	108.0	90.9	136.3

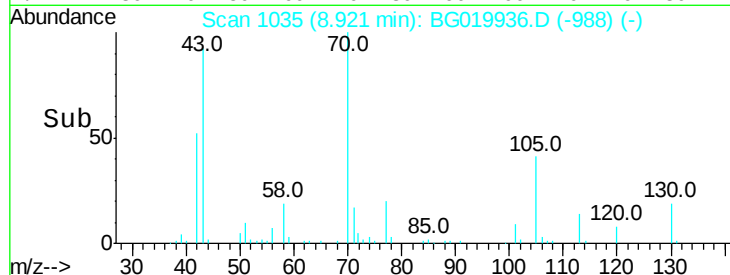
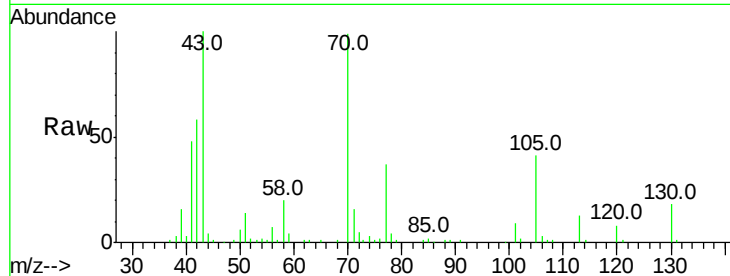
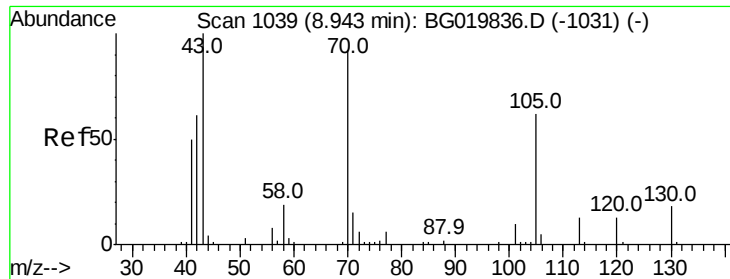


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





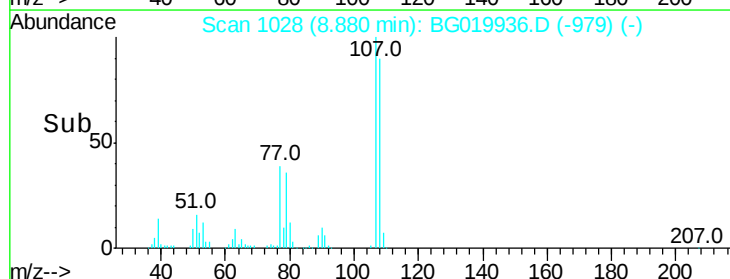
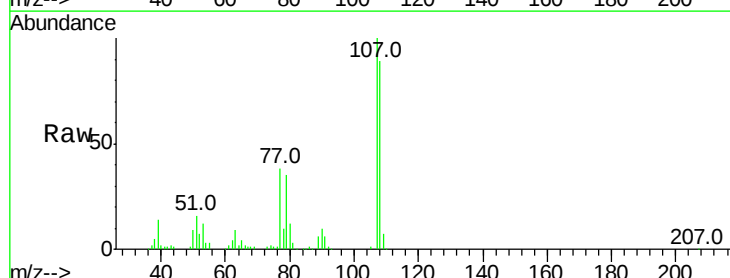
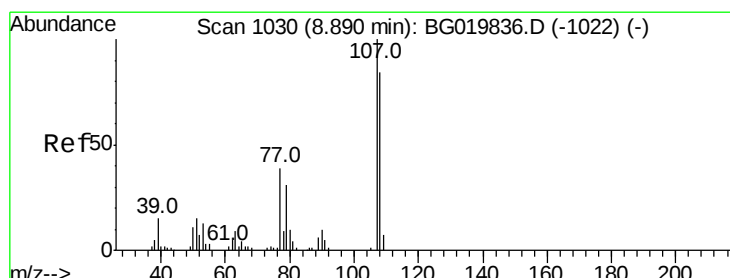
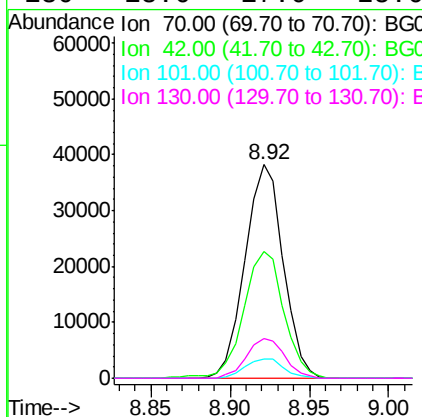
#19
n-Nitroso-di-n-propylamine
Concen: 37.05 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Instrument :
BNA_G
ClientSampleId :
PB87014BS

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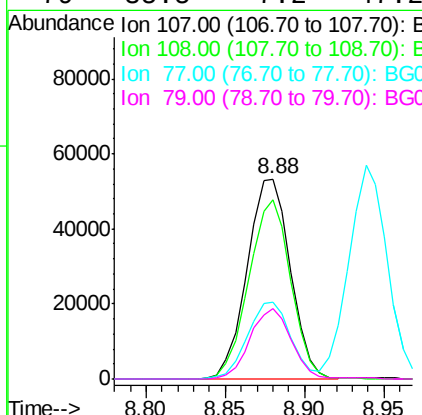
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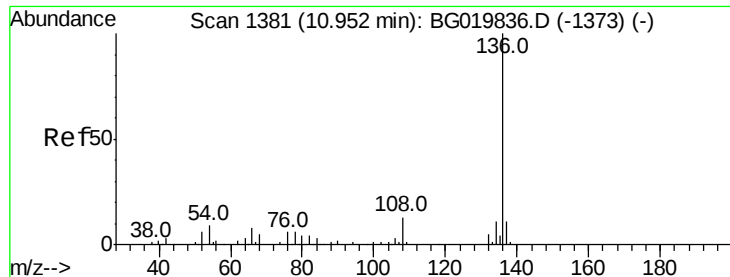
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.2	40.6	60.8	
101	9.3	8.6	13.0	
130	18.6	17.0	25.6	



#20
3+4-Methylphenols
Concen: 44.11 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.3	72.2	112.2	
77	38.4	13.4	53.4	
79	35.5	7.2	47.2	





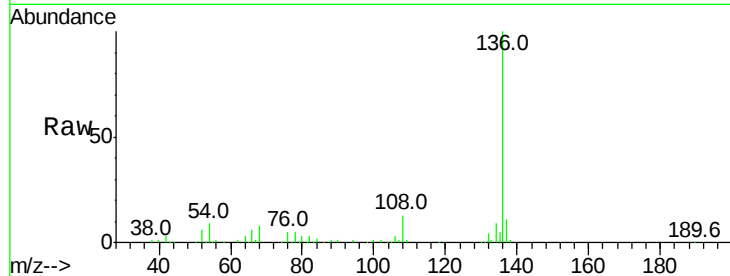
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Instrument :
BNA_G
ClientSampleId :
PB87014BS

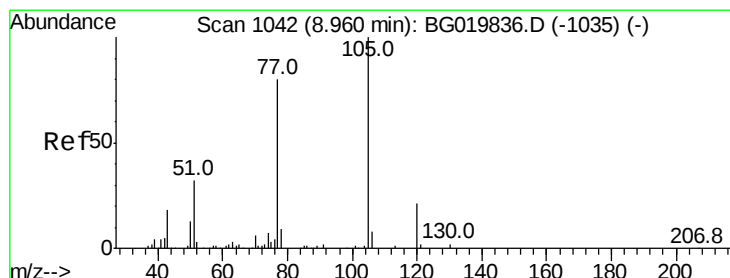
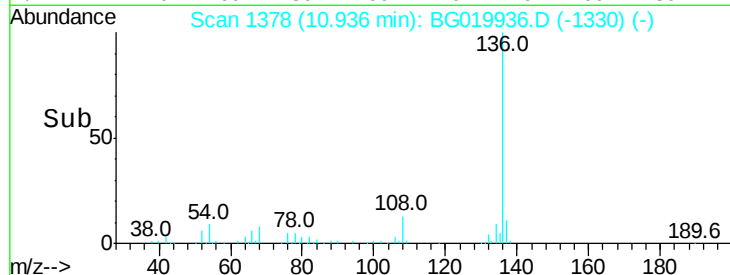
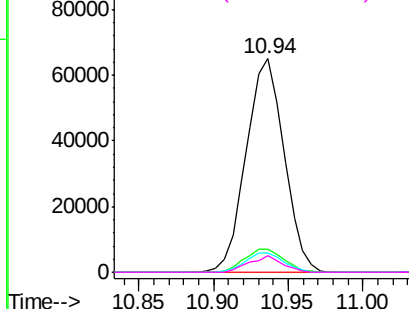
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.1	8.6	12.8		
54	8.9	5.4	8.2#		
68	7.6	5.3	7.9		

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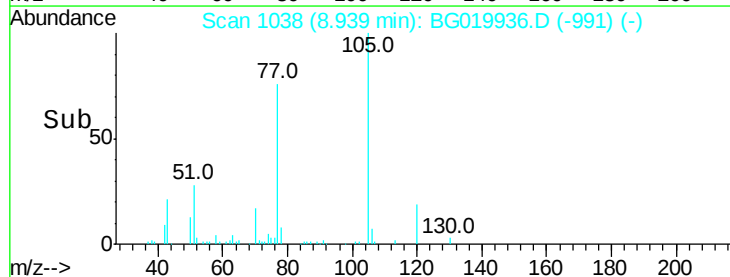
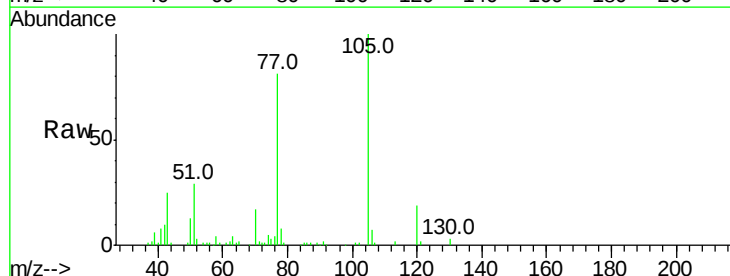
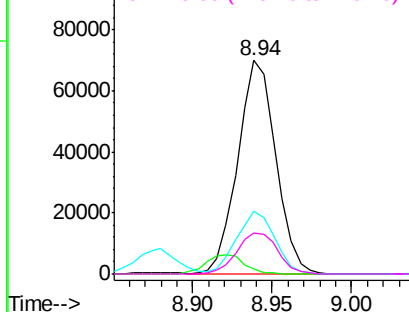
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

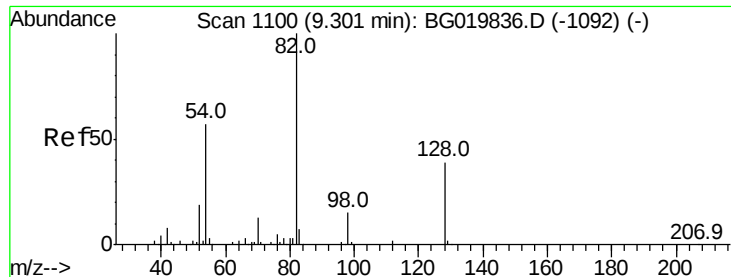


#22
Acetophenone
Concen: 37.20 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	2.2	2.1	3.1		
51	29.1	17.8	26.8#		
120	19.4	17.7	26.5		

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





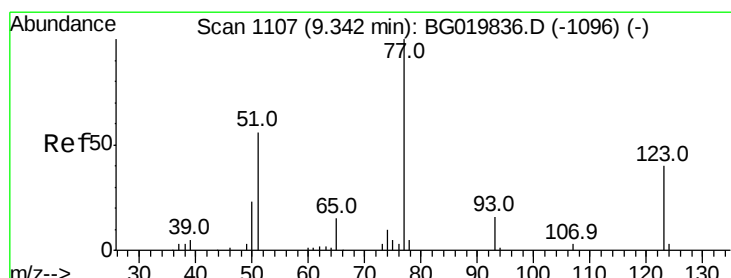
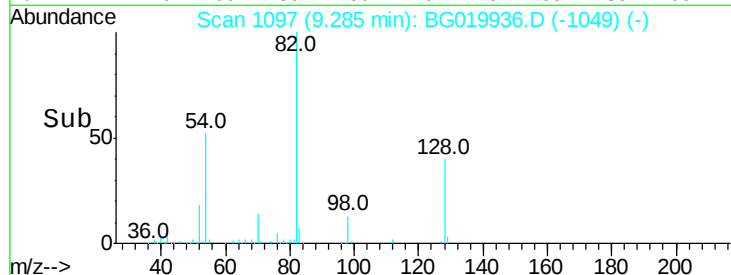
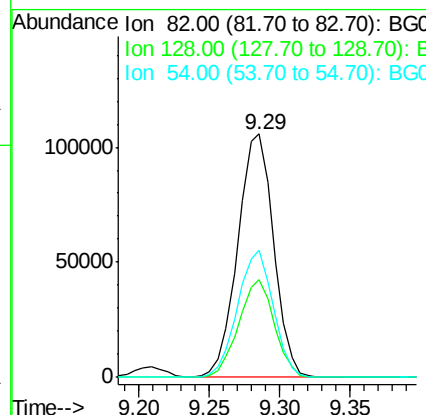
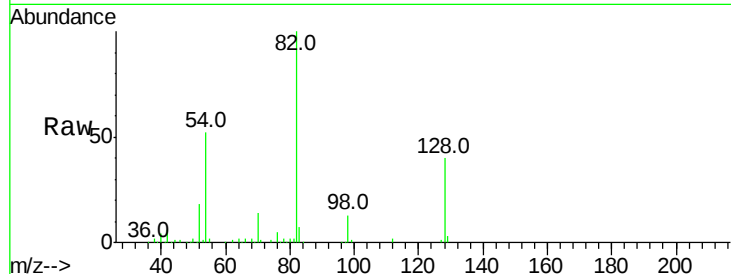
#23
Nitrobenzene-d5
Concen: 83.73 ng
RT: 9.29 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Instrument :
BNA_G
ClientSampleId :
PB87014BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	187673		
128	40.2	36.7	55.1	
54	52.4	33.8	50.8	

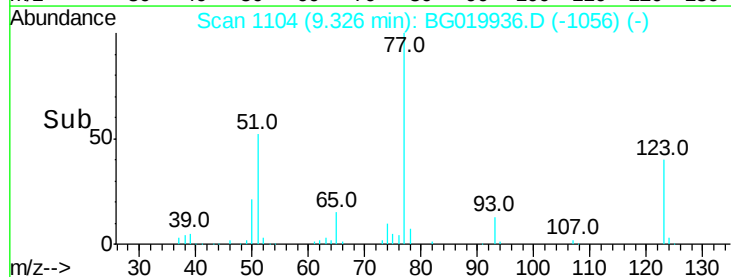
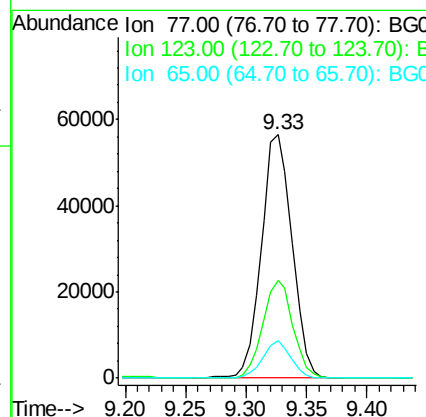
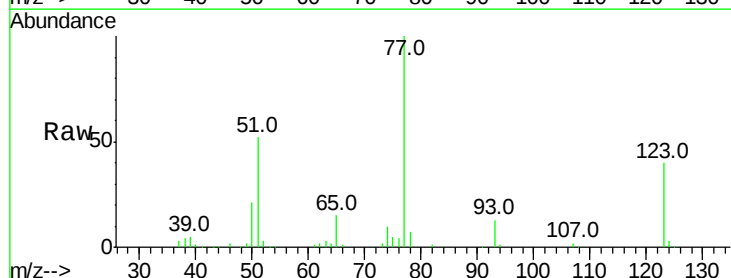
Manual Integrations
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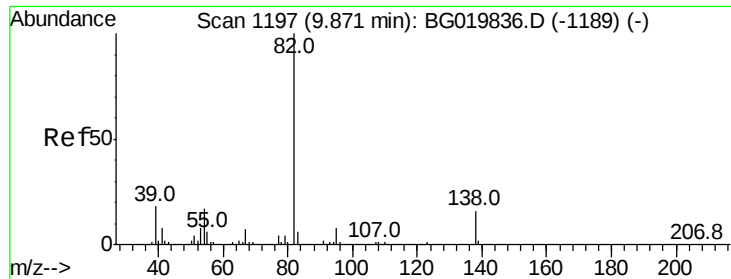
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#24
Nitrobenzene
Concen: 40.91 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	99471		
123	40.1	38.2	57.2	
65	15.3	10.6	16.0	





#25

Isophorone

Concen: 37.13 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

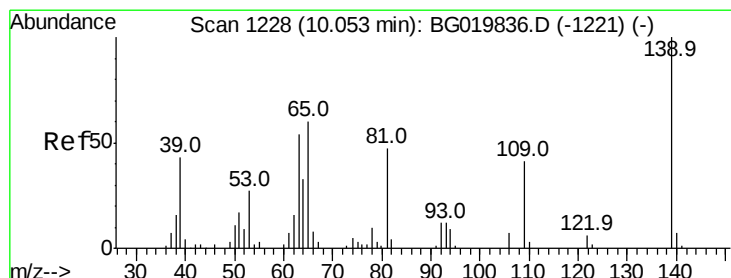
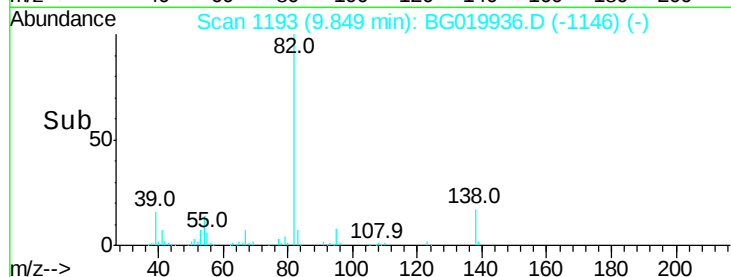
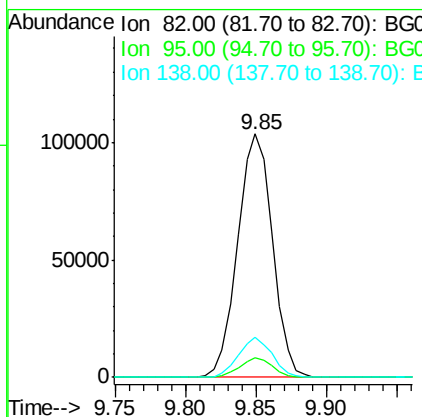
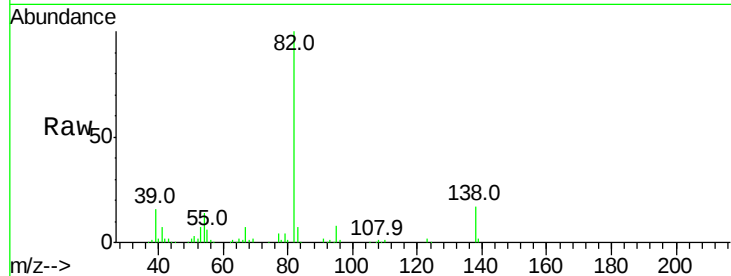
ClientSampleId :

PB87014BS

Tot Ion:	82	Resp:	178432
Ion Ratio	Lower	Upper	
82	100		
95	8.3	5.2	7.8#
138	16.6	14.4	21.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.06 ng

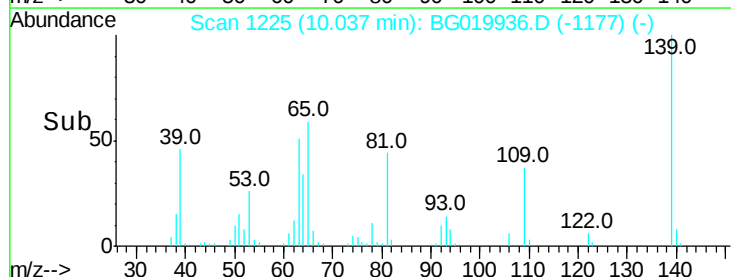
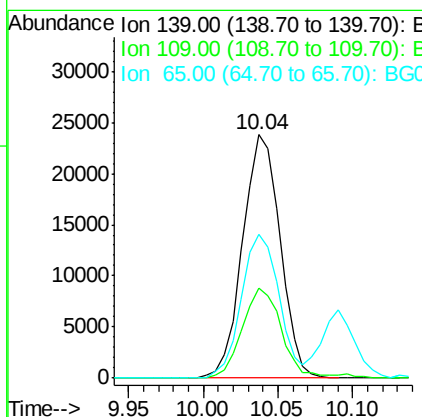
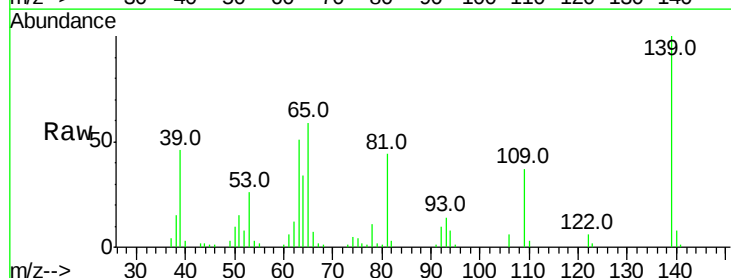
RT: 10.04 min Scan# 1225

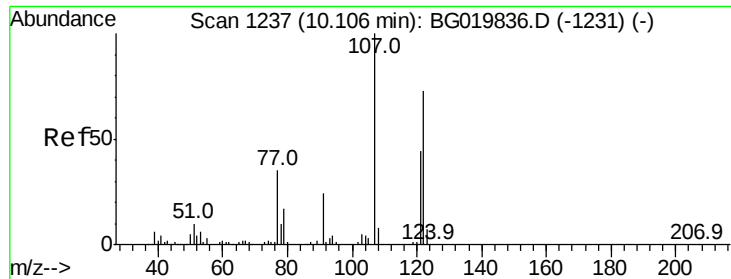
Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Tgt Ion:	139	Resp:	41375
Ion Ratio	Lower	Upper	
139	100		
109	37.2	20.1	30.1#
65	59.3	34.1	51.1#





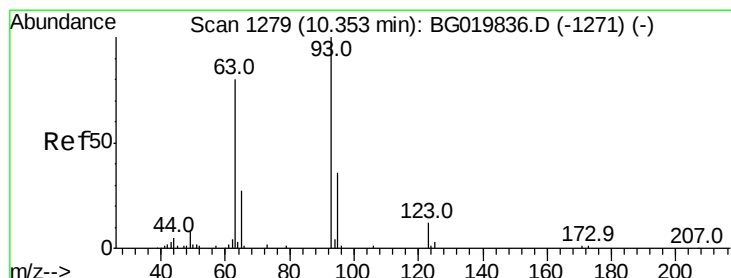
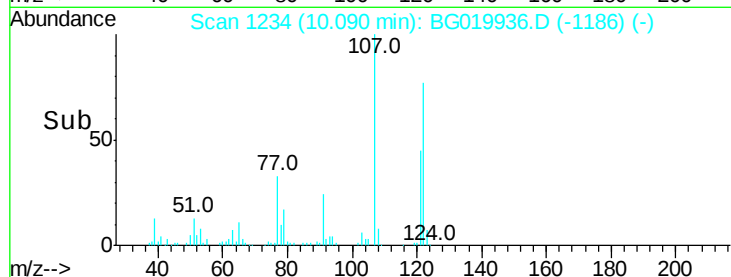
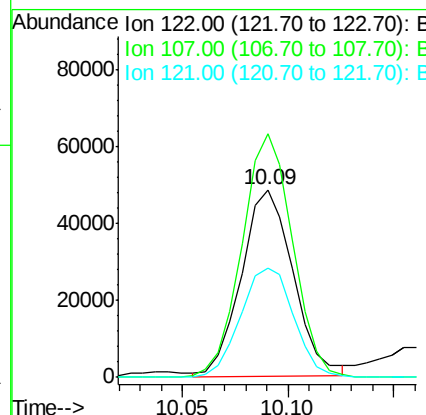
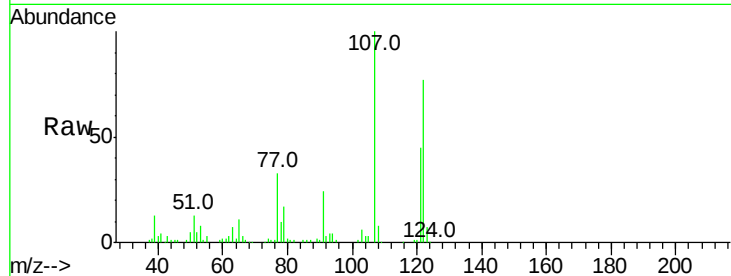
#27
 2,4-Dimethylphenol
 Concen: 42.45 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.8	91.6	137.4
121	58.5	47.3	70.9

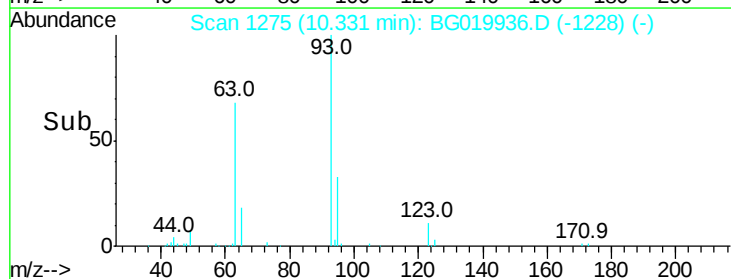
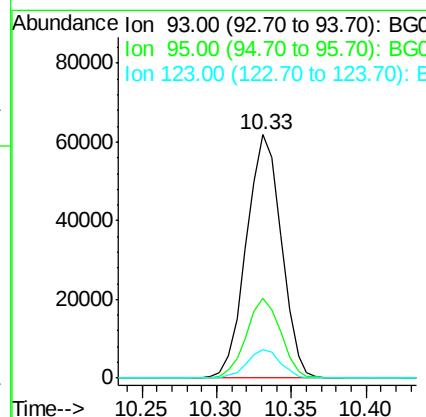
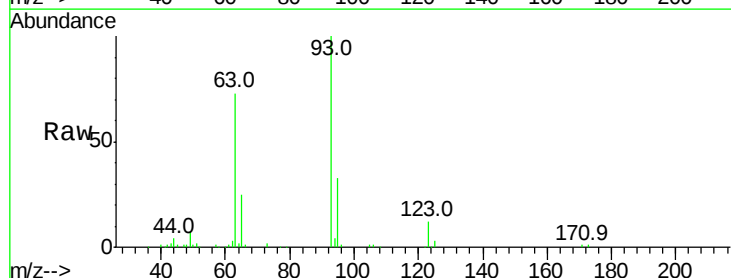
Manual Integrations
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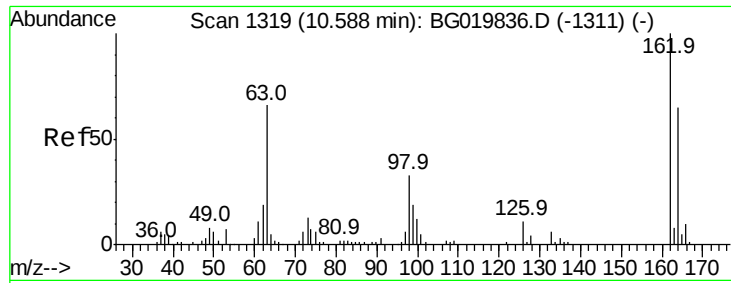
Mmdadoda
 12/7/2015 6:29:45 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.71 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.7	38.5
123	11.7	8.6	12.8





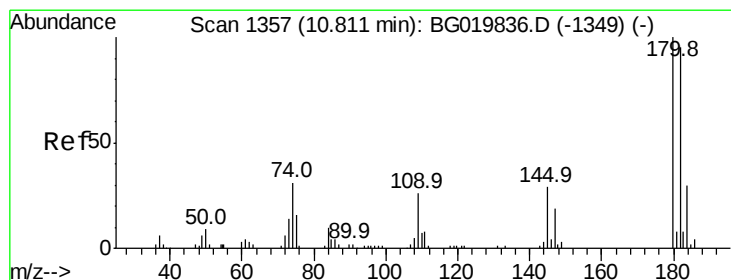
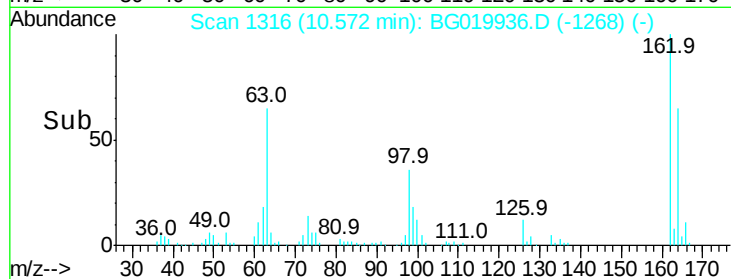
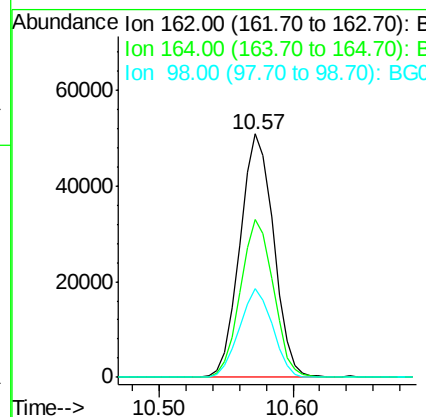
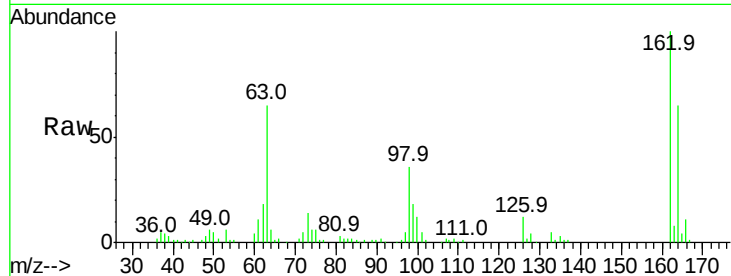
#29
 2,4-Dichlorophenol
 Concen: 44.49 ng
 RT: 10.57 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BS

Tot Ion:	162	Resp:	88870
Ion Ratio	Lower	Upper	
162	100		
164	64.8	42.3	82.3
98	36.3	11.5	51.5

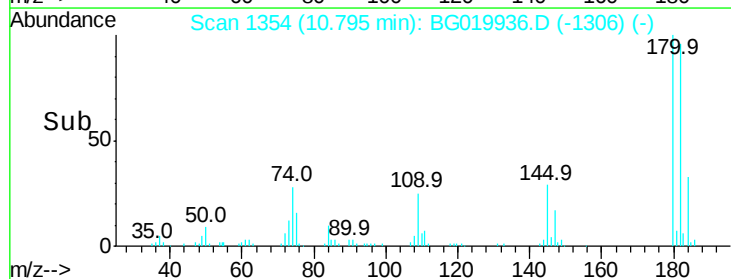
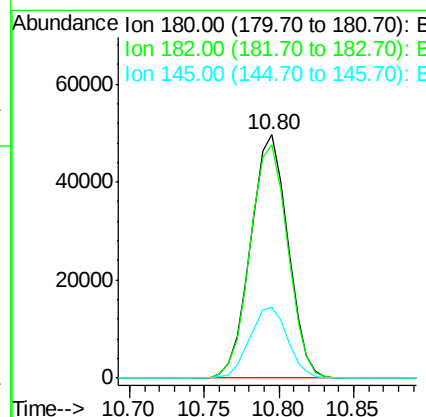
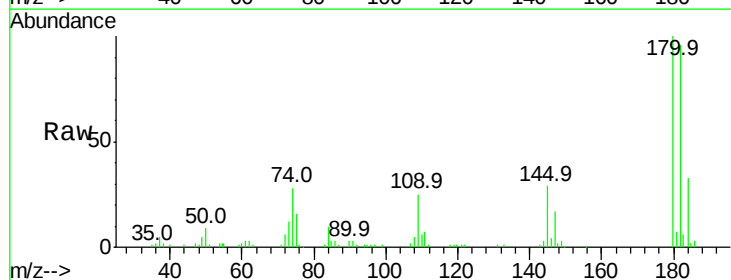
Manual Integrations
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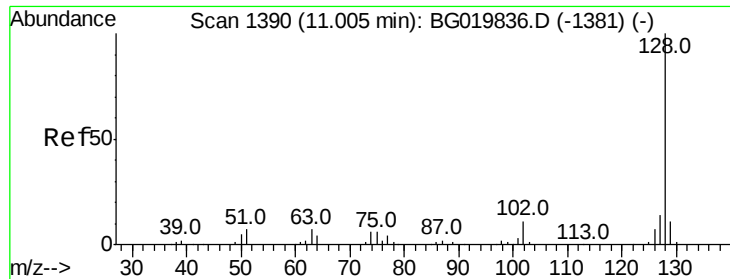
Mmdadoda
 12/7/2015 6:29:45 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.03 ng
 RT: 10.80 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Tgt Ion:	180	Resp:	85857
Ion Ratio	Lower	Upper	
180	100		
182	96.0	79.7	119.5
145	29.1	22.0	33.0





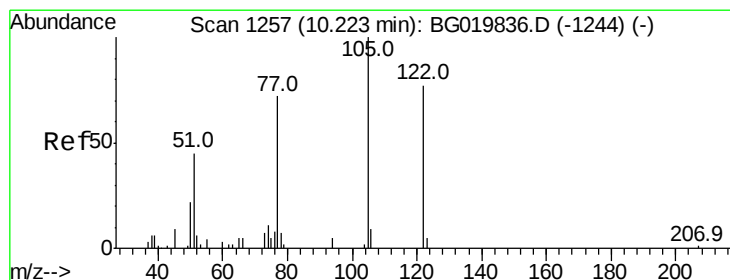
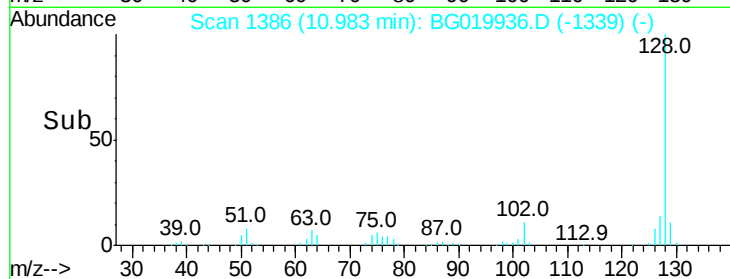
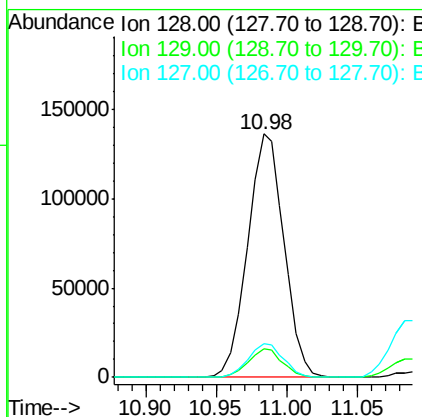
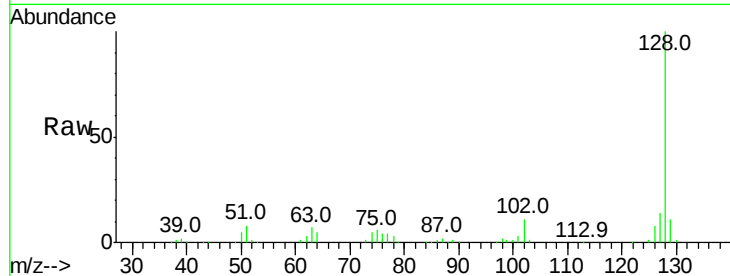
#31
Naphthalene
Concen: 40.09 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Instrument :
BNA_G
ClientSampleId :
PB87014BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.5	12.7
127	13.8	10.6	16.0

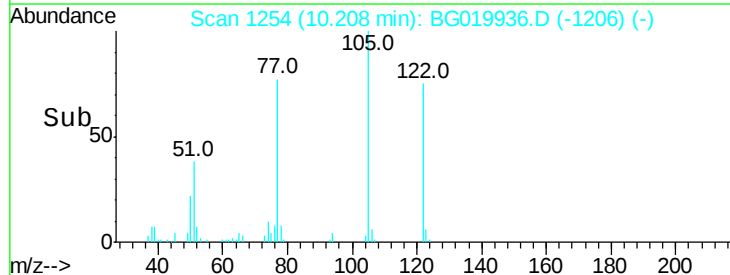
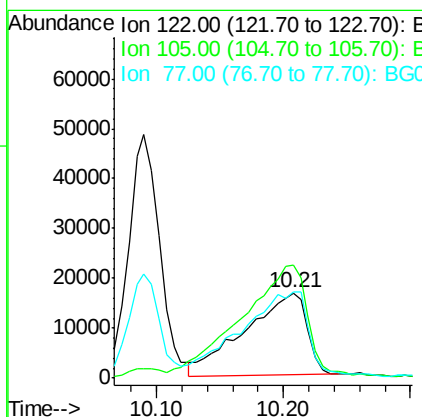
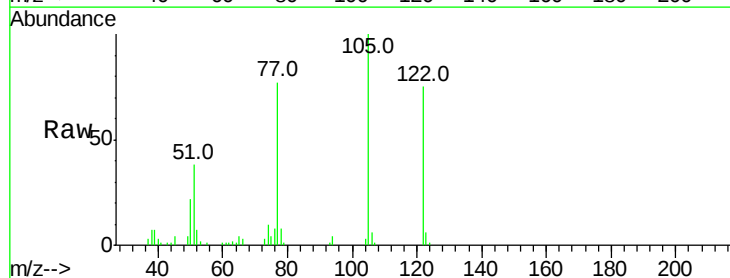
Manual Integrations
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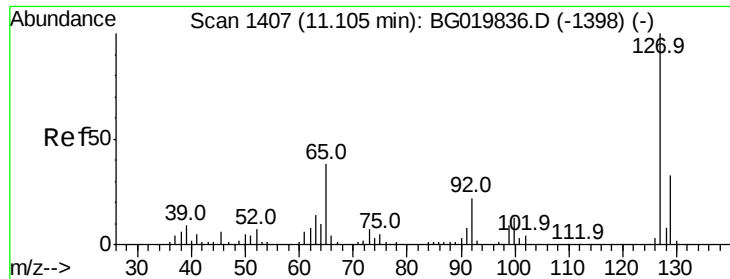
Mmdadoda
12/7/2015 6:29:45 PM



#32
Benzoic acid
Concen: 43.23 ng
RT: 10.21 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.5	103.8	143.8
77	101.6	68.8	108.8





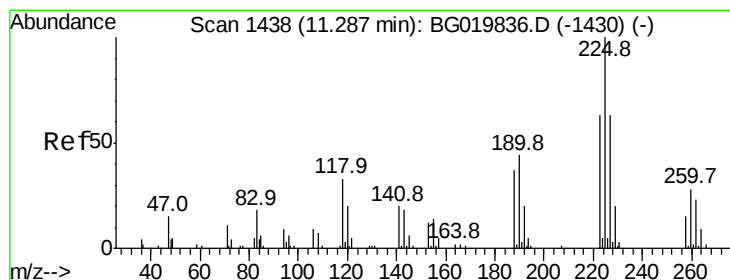
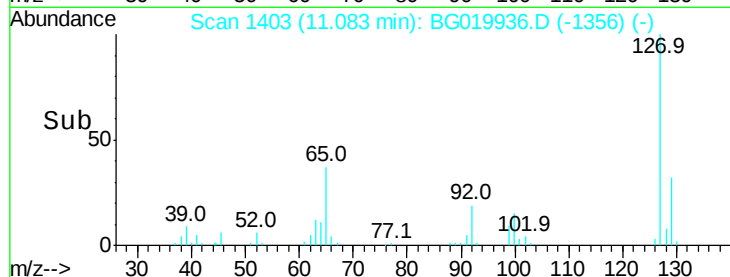
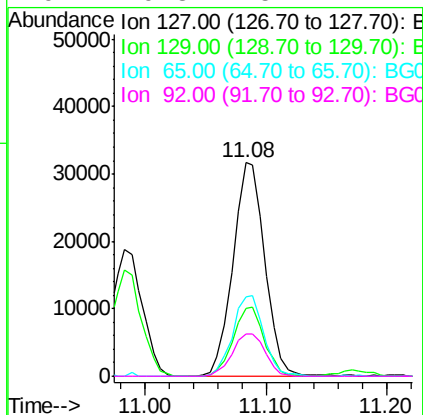
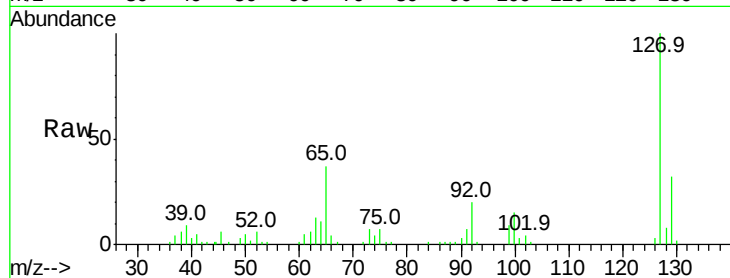
#33
4-Chloroaniline
Concen: 21.60 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Instrument :
BNA_G
ClientSampleId :
PB87014BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	24.6	37.0
65	37.2	22.6	33.8
92	19.8	15.1	22.7

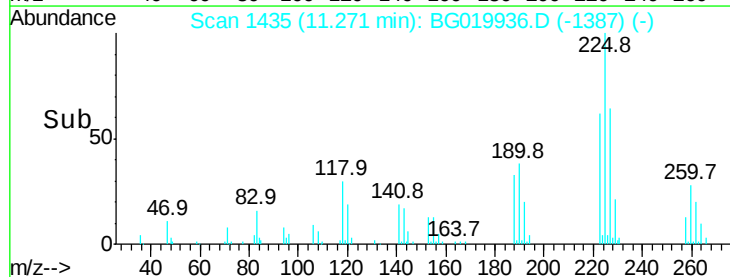
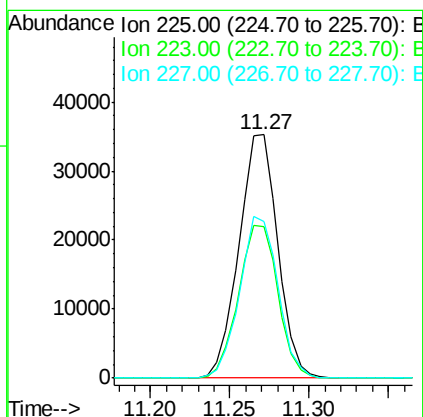
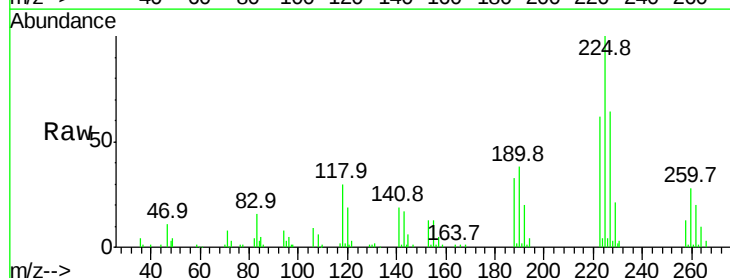
Manual Integrations
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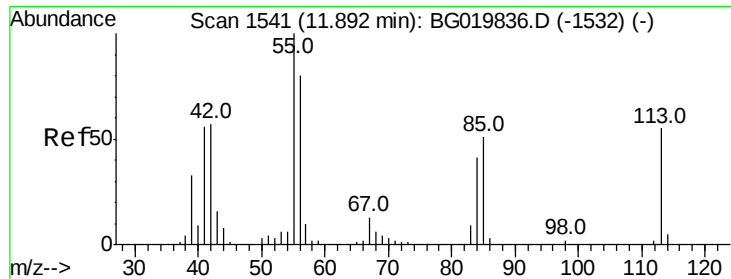
Mmdadoda
12/7/2015 6:29:45 PM



#34
Hexachlorobutadiene
Concen: 36.03 ng
RT: 11.27 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.4
227	64.4	51.8	77.8





#35

Caprolactam

Concen: 44.40 ng/mL

RT: 11.86 min Scan# 1535

Delta R.T. -0.03 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

ClientSampleID :

PB87014BS

Tot Ion:113 Resp: 33015

Ion Ratio Lower Upper

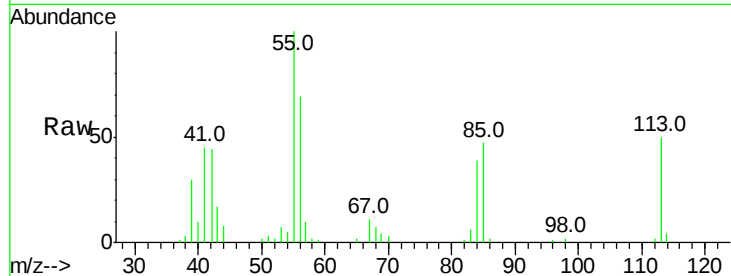
113 100

55 199.8 135.0 175.0#

56 137.0 83.4 123.4#

Manual Integrations
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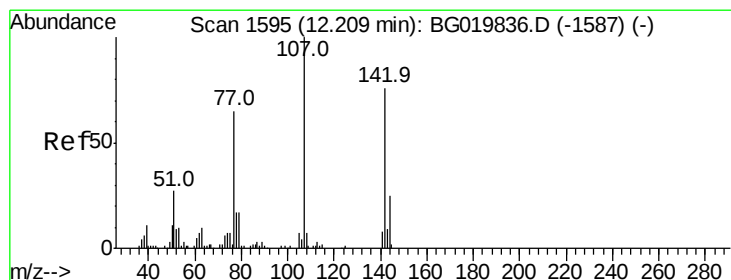
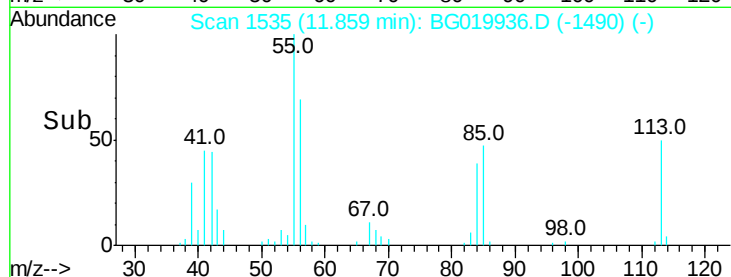
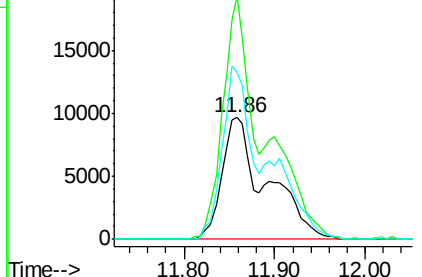
Mmdadoda
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.26 ng/mL

RT: 12.19 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

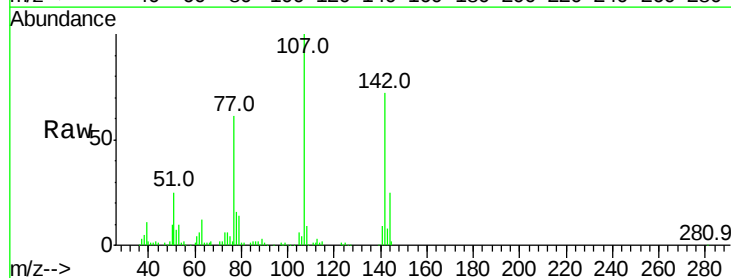
Tgt Ion:107 Resp: 105133

Ion Ratio Lower Upper

107 100

144 25.0 20.6 31.0

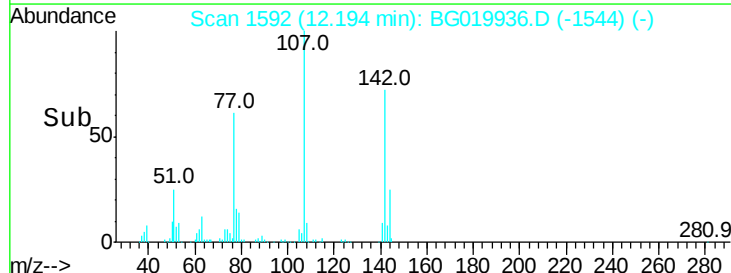
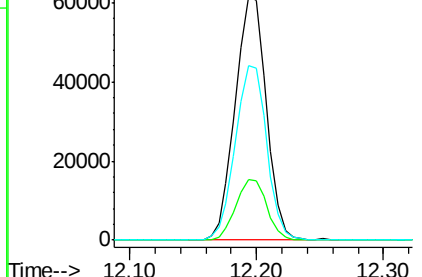
142 71.8 62.6 93.8

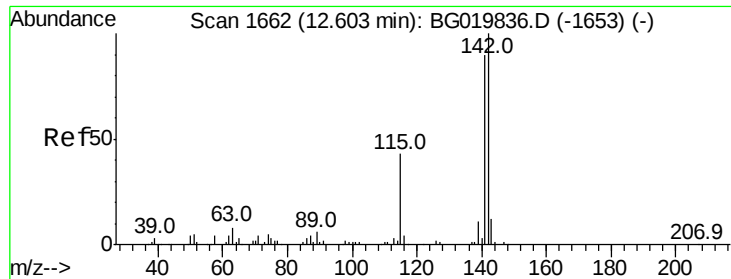


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





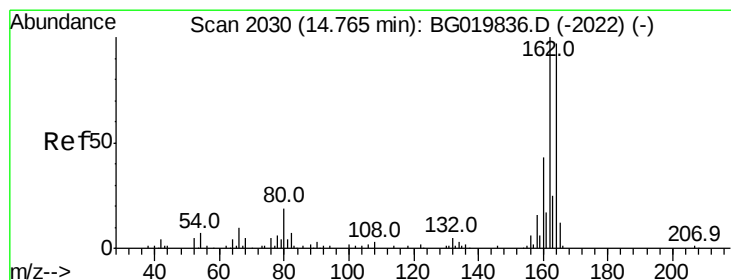
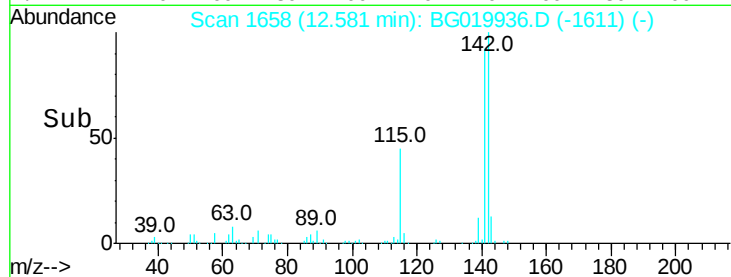
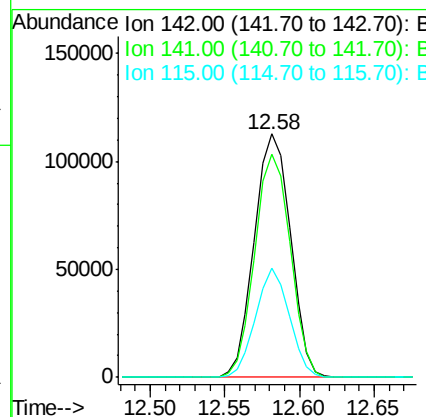
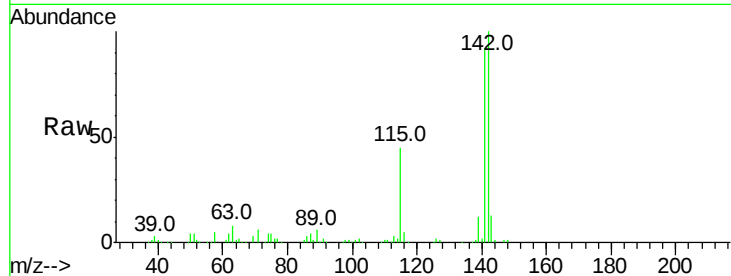
#37
2-Methylnaphthalene
Concen: 42.23 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Instrument :
BNA_G
ClientSampleId :
PB87014BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	189645		
141	91.8	74.6	112.0	
115	44.6	27.4	41.0	

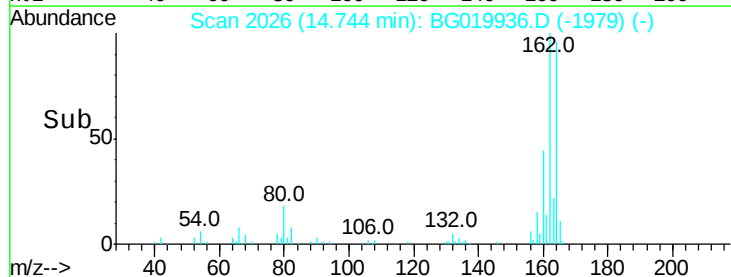
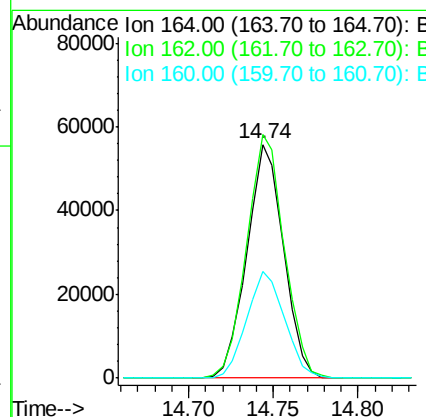
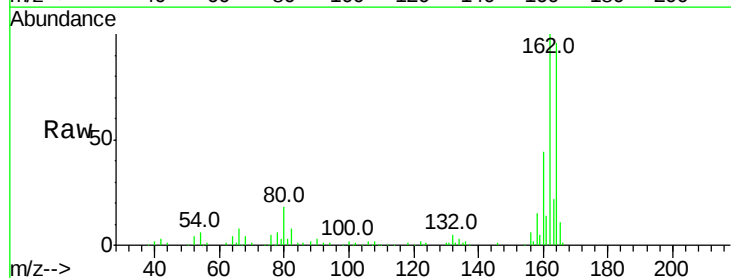
Manual Integrations
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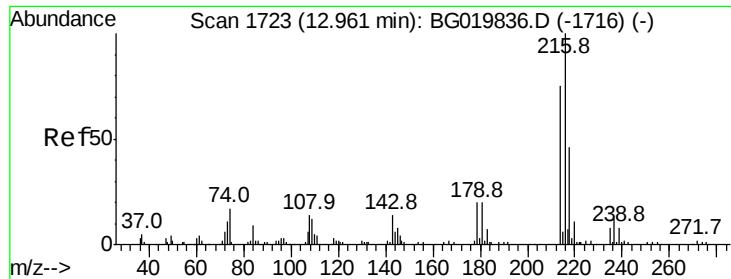
Mmdadoda
12/7/2015 6:29:45 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	84346		
162	104.1	78.8	118.2	
160	45.4	36.4	54.6	





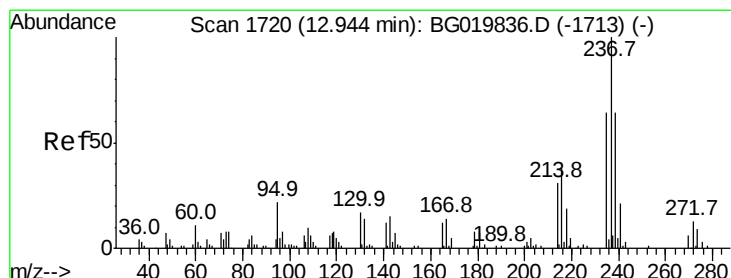
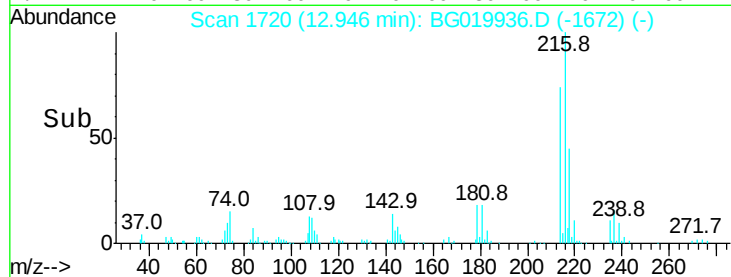
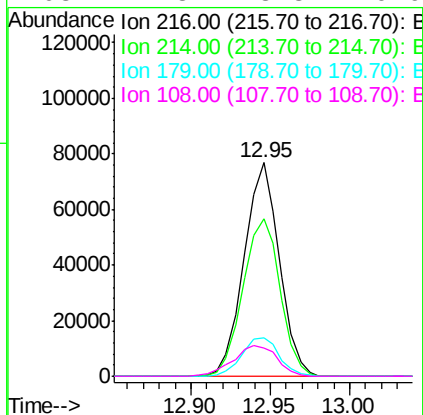
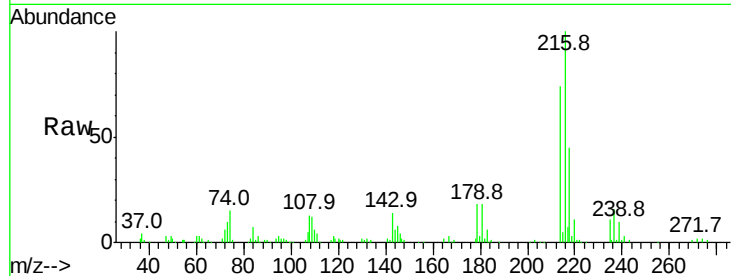
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.02 ng
 RT: 12.95 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.7	62.5	93.7	
179	19.0	15.6	23.4	
108	17.8	13.3	19.9	

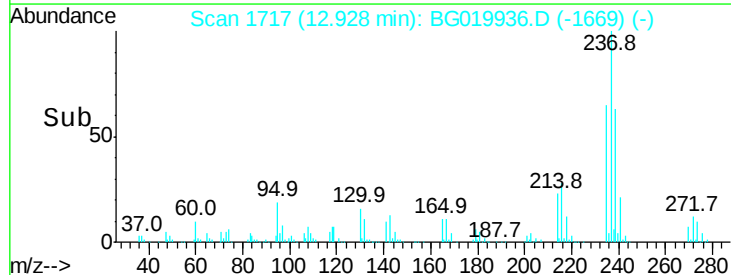
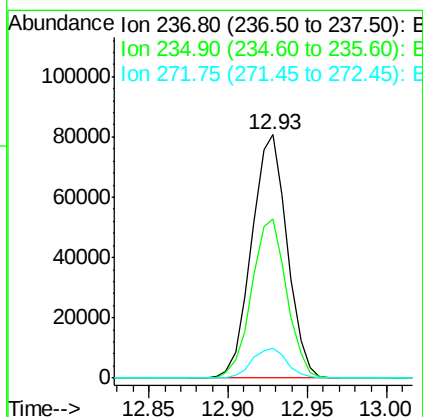
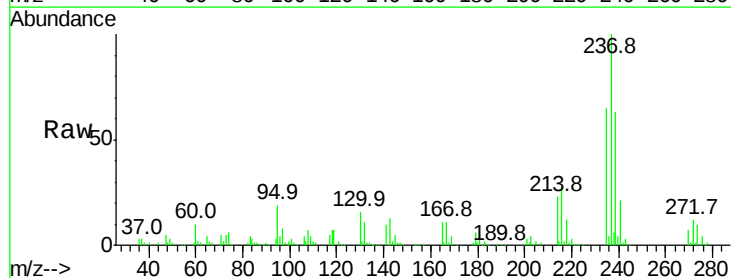
Manual Integrations
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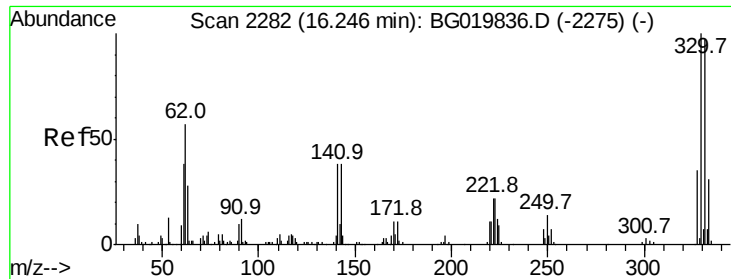
Mmdadoda
 12/7/2015 6:29:45 PM



#40
 Hexachlorocyclopentadiene
 Concen: 68.90 ng
 RT: 12.93 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	65.4	44.6	84.6	
272	12.5	0.0	32.8	





#41

2,4,6-Tribromophenol

Concen: 79.97 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

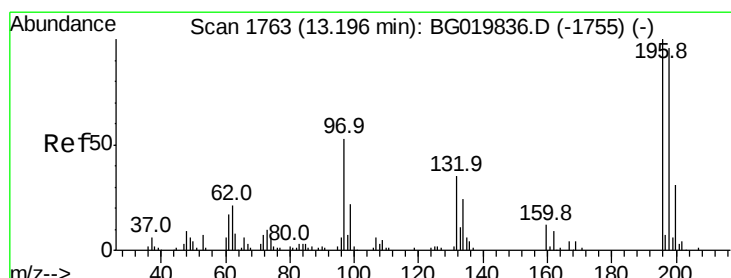
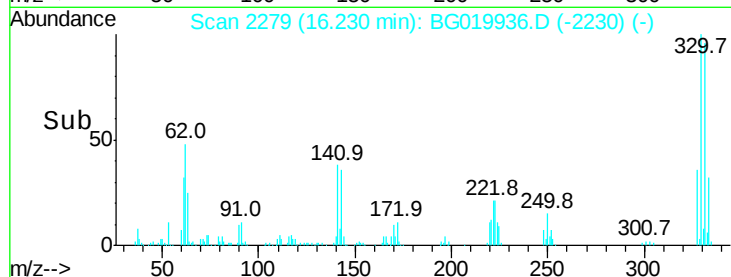
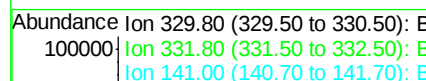
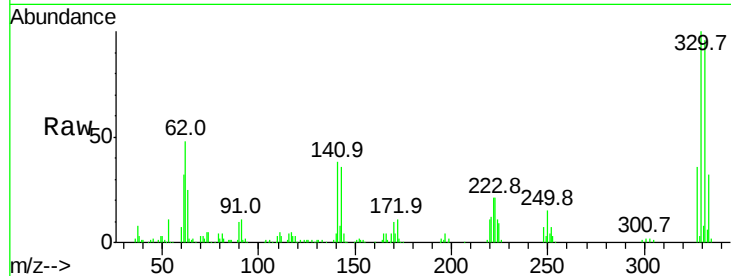
ClientSampleId :

PB87014BS

Tot Ion:	330	Resp:	103206
Ion Ratio	Lower	Upper	
330	100		
332	96.6	78.1	117.1
141	39.4	28.2	42.2

Manual Integrations
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Mmdadoda
12/7/2015 6:29:45 PM



#42

2,4,6-Trichlorophenol

Concen: 39.54 ng

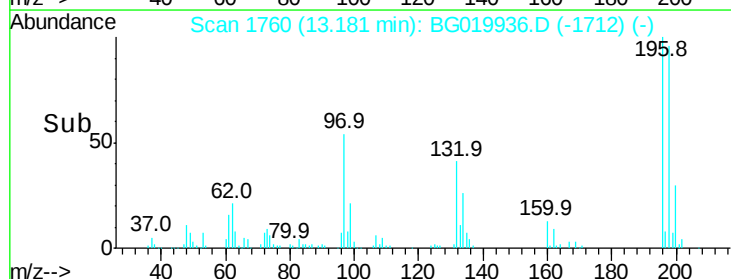
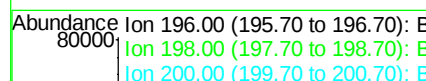
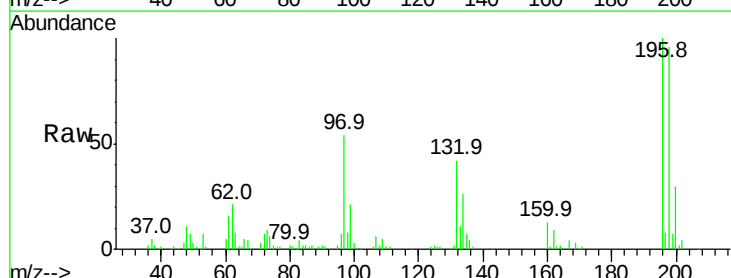
RT: 13.18 min Scan# 1760

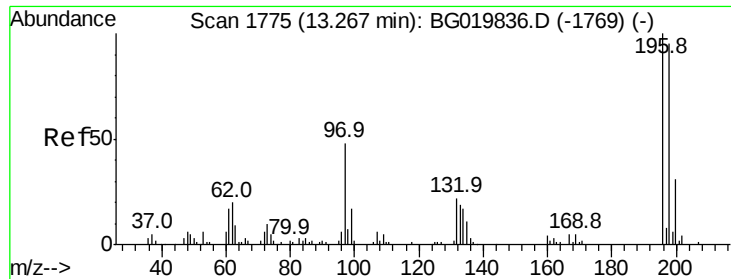
Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Tgt Ion:	196	Resp:	83796
Ion Ratio	Lower	Upper	
196	100		
198	96.3	74.7	112.1
200	30.3	24.1	36.1





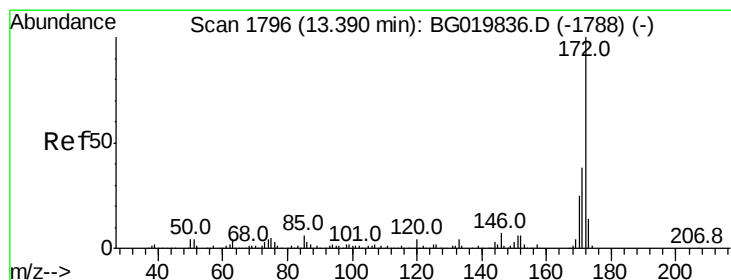
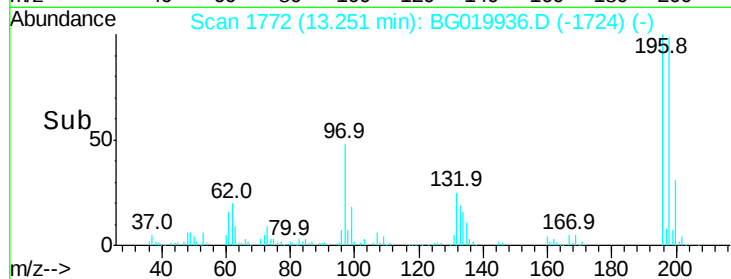
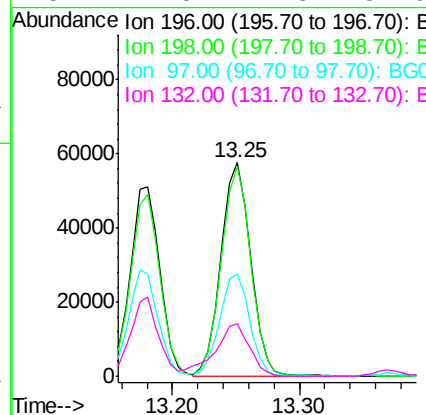
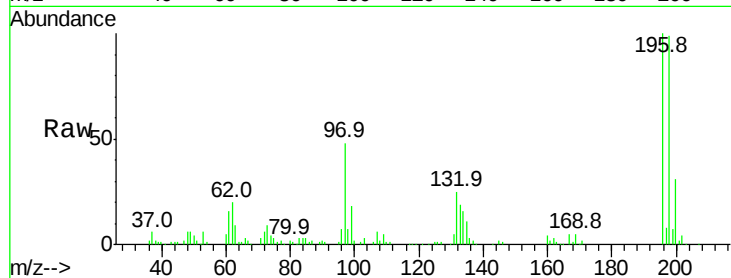
#43
 2,4,5-Trichlorophenol
 Concen: 42.17 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BS

Tot Ion:	196	Resp:	94453
Ion Ratio	Lower	Upper	
196	100		
198	98.5	75.2	112.8
97	47.9	34.2	51.2
132	24.8	21.8	32.6

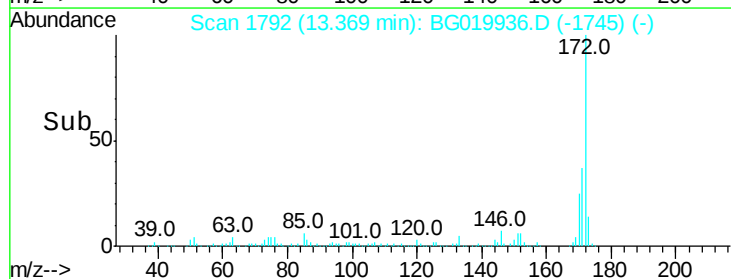
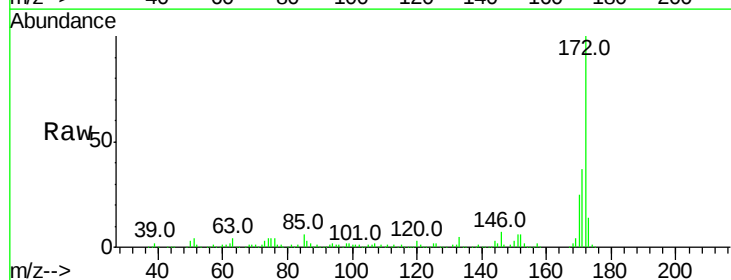
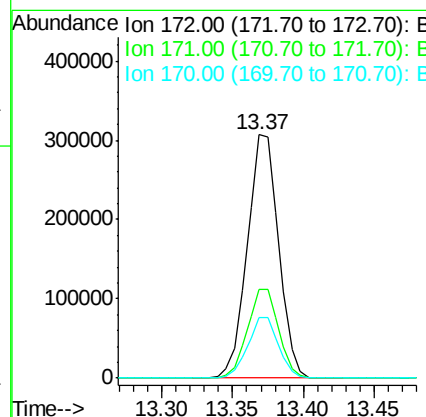
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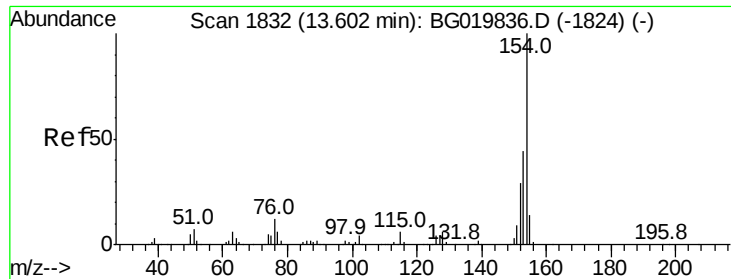
Mmdadoda
 12/7/2015 6:29:45 PM



#44
 2-Fluorobiphenyl
 Concen: 77.22 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Tgt Ion:	172	Resp:	477031
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.0	43.6
170	24.8	19.9	29.9





#45

1,1'-Biphenyl

Concen: 36.50 ng

RT: 13.58 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

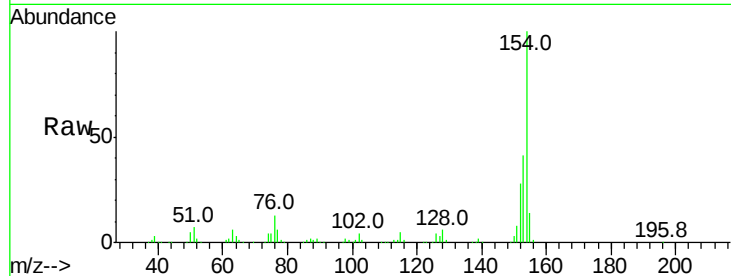
ClientSampleId :

PB87014BS

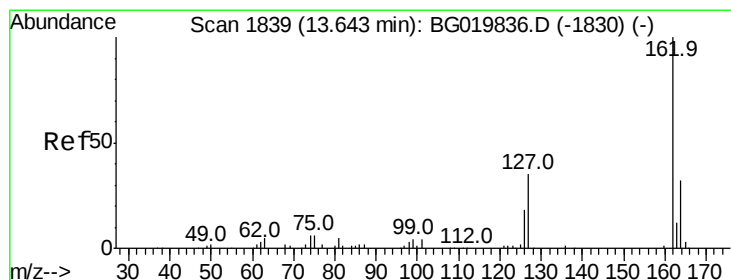
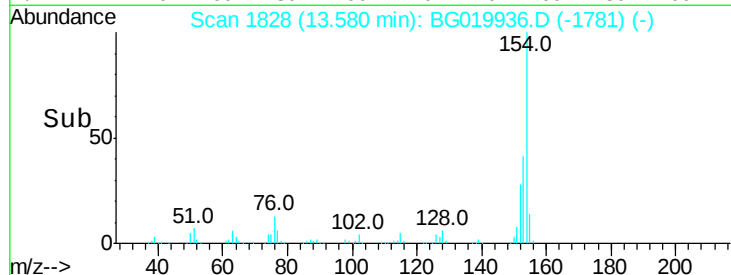
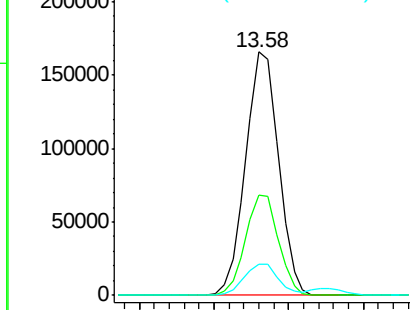
Tot Ion:	154	Resp:	252649
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.9	61.9
76	12.9	0.0	33.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 38.67 ng

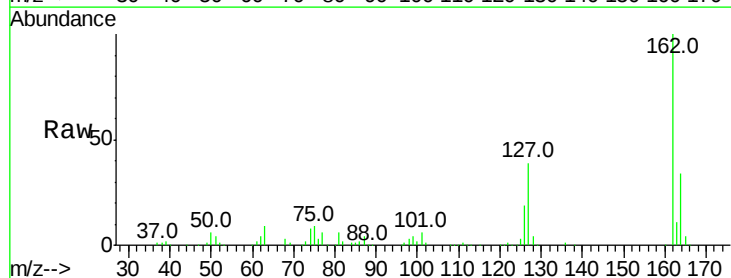
RT: 13.63 min Scan# 1836

Delta R.T. -0.02 min

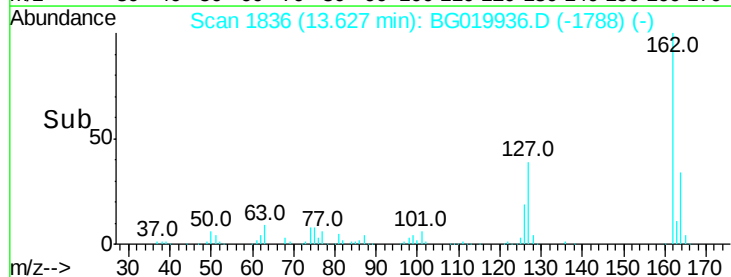
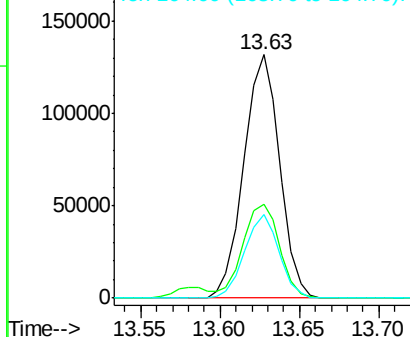
Lab File: BG019936.D

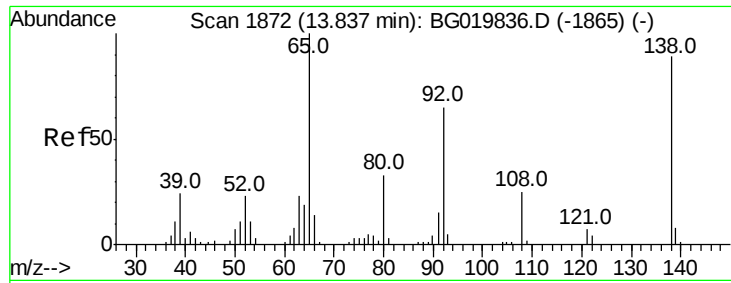
Acq: 5 Dec 2015 11:14

Tgt Ion:	162	Resp:	206326
Ion Ratio	Lower	Upper	
162	100		
127	38.5	28.3	42.5
164	34.5	27.4	41.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





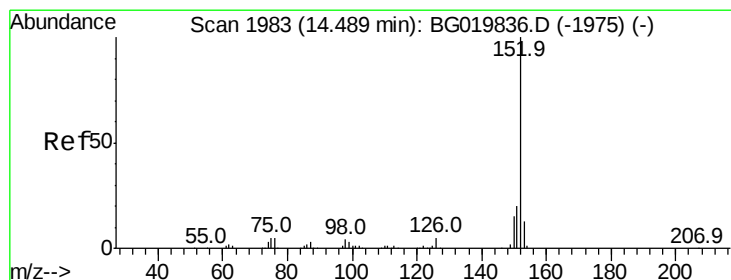
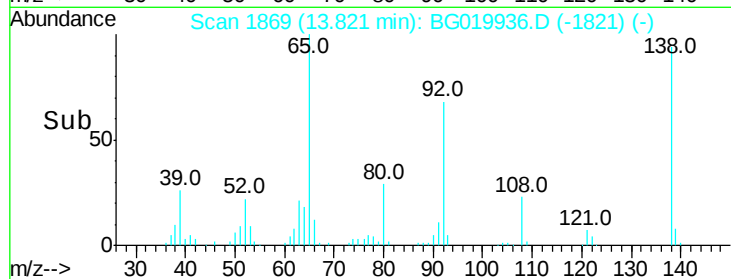
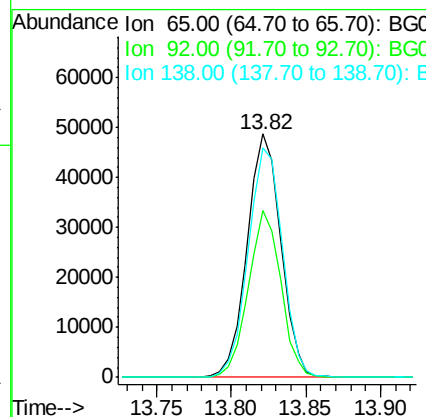
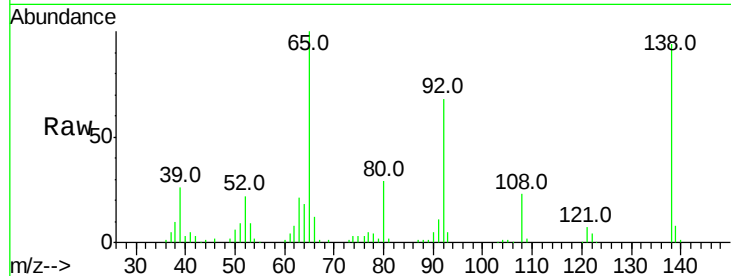
#47
2-Nitroaniline
Concen: 45.10 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Instrument :
BNA_G
ClientSampleId :
PB87014BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.4	54.8	82.2
138	94.5	89.6	134.4

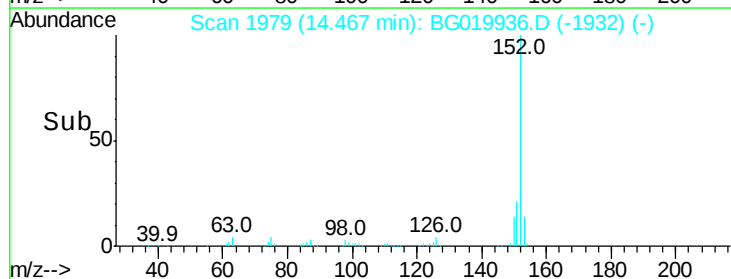
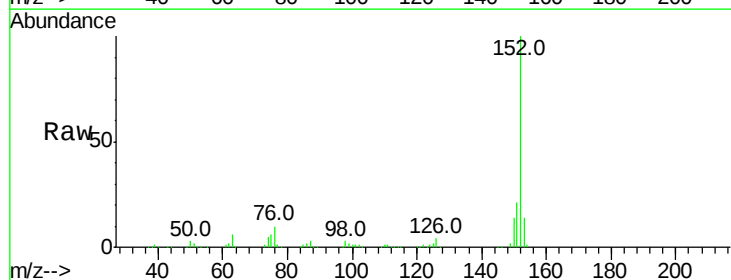
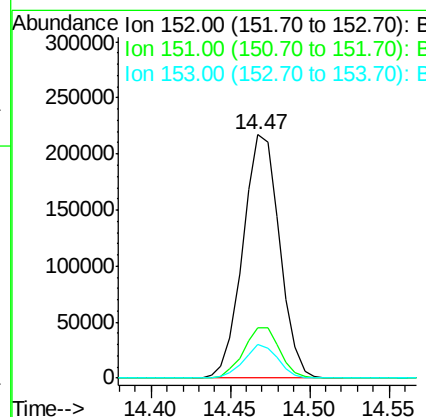
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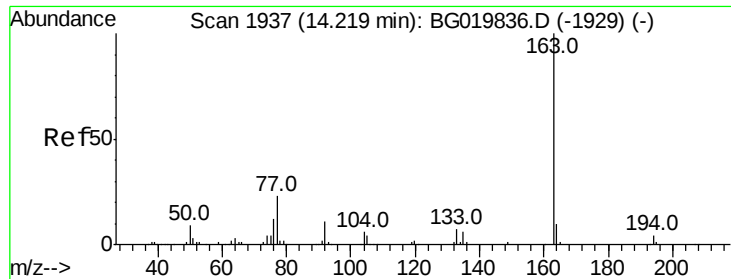
Mmdadoda
12/7/2015 6:29:45 PM



#48
Acenaphthylene
Concen: 38.36 ng
RT: 14.47 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.0	25.4
153	14.0	10.4	15.6





#49

Dimethylphthalate

Concen: 38.12 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

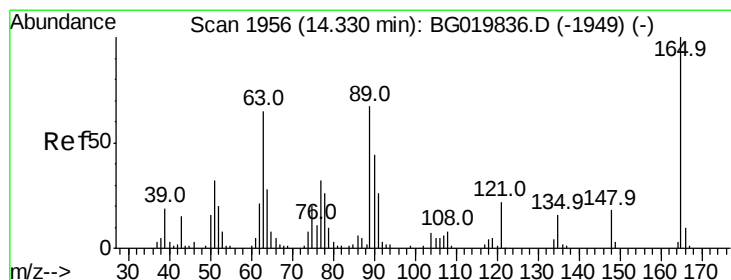
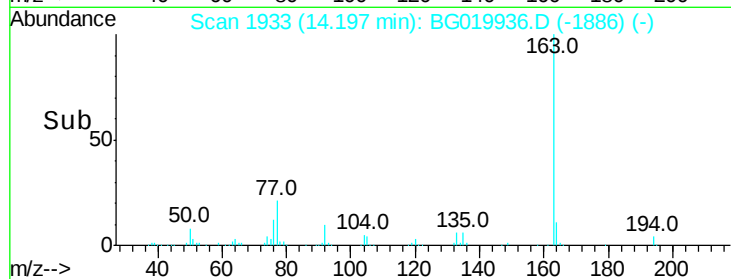
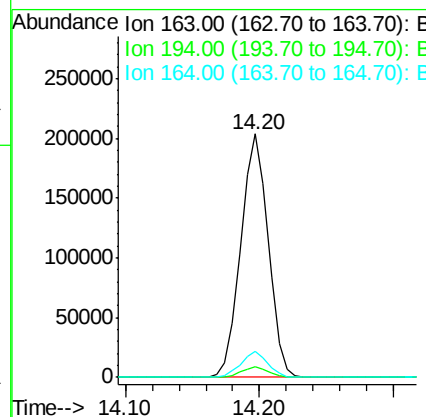
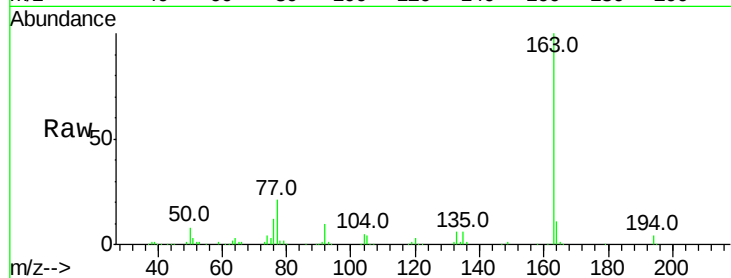
ClientSampled :

PB87014BS

Tot Ion:	163	Resp:	289200
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.1	4.7
164	10.5	8.8	13.2

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#50

2,6-Dinitrotoluene

Concen: 44.07 ng

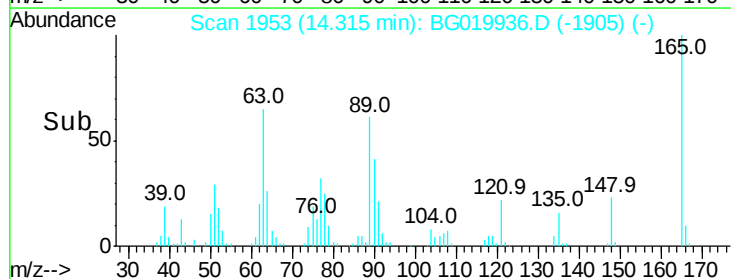
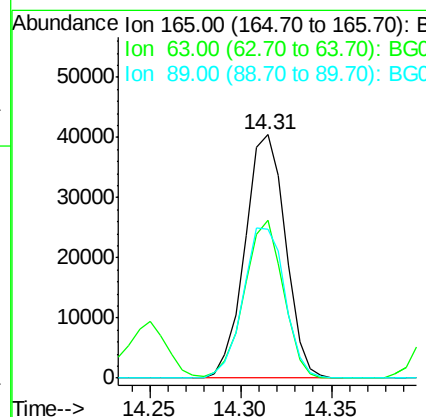
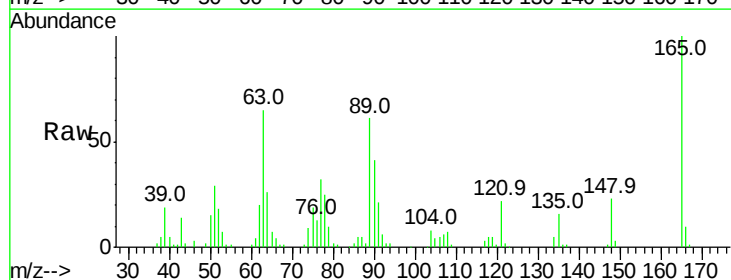
RT: 14.31 min Scan# 1953

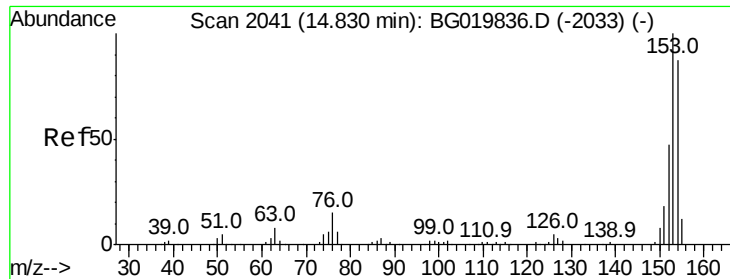
Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Tgt Ion:	165	Resp:	62865
Ion Ratio	Lower	Upper	
165	100		
63	64.6	35.7	53.5#
89	61.4	39.7	59.5#





#51

Acenaphthene

Concen: 44.67 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

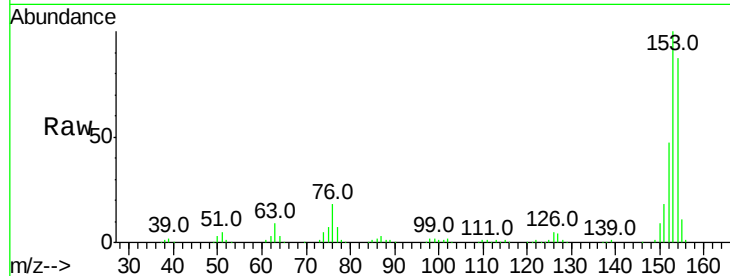
ClientSampleId :

PB87014BS

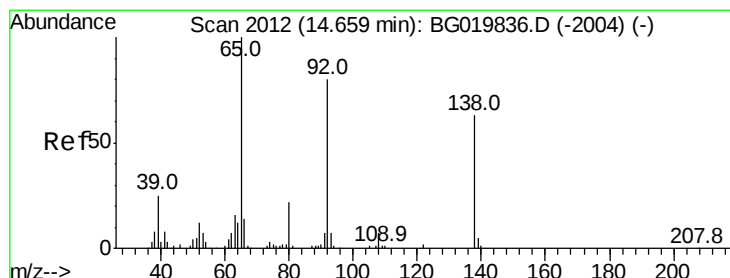
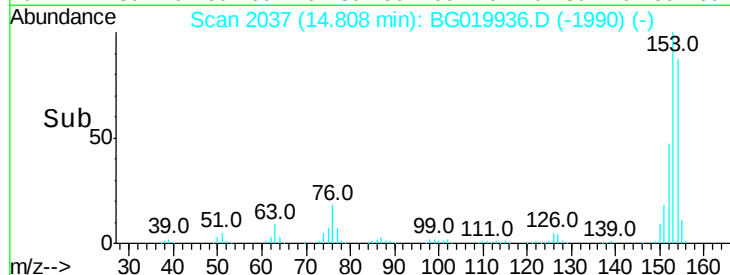
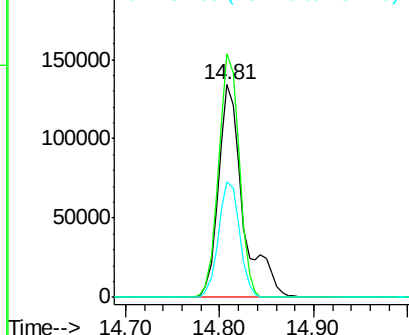
Tot Ion:	154	Resp:	246338
Ion Ratio	Lower	Upper	
154	100		
153	114.4	92.9	139.3
152	54.2	45.8	68.8

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



#52

3-Nitroaniline

Concen: 34.09 ng

RT: 14.64 min Scan# 2008

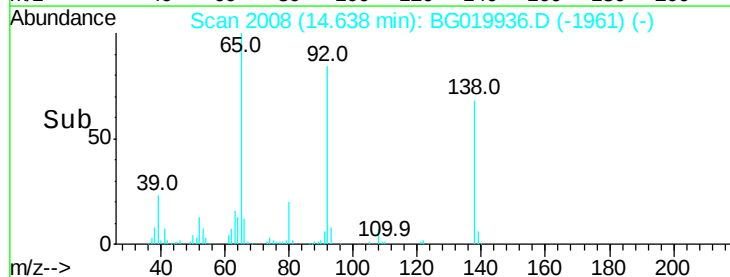
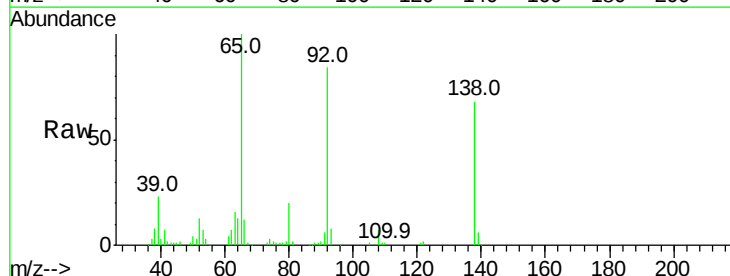
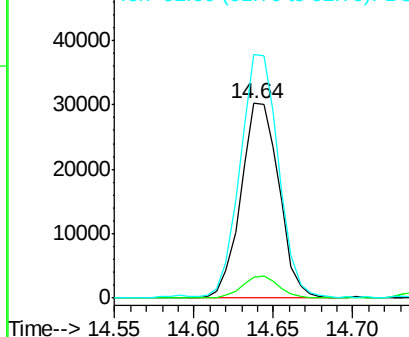
Delta R.T. -0.02 min

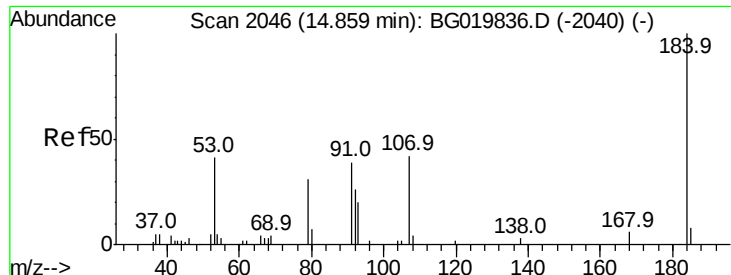
Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Tgt Ion:	138	Resp:	50516
Ion Ratio	Lower	Upper	
138	100		
108	10.9	7.9	11.9
92	125.0	94.2	141.4

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





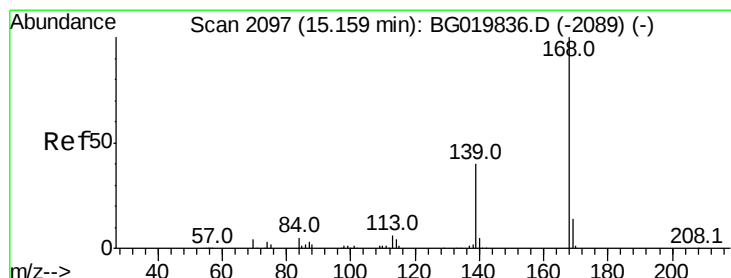
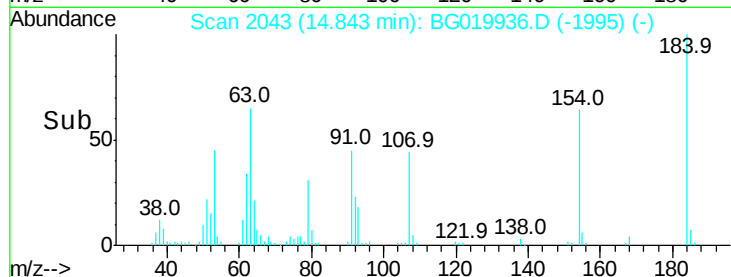
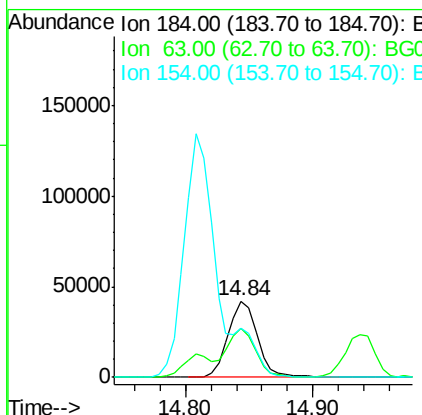
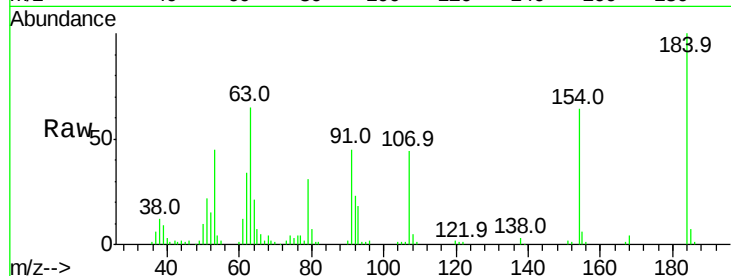
#53
2,4-Dinitrophenol
Concen: 87.65 ng
RT: 14.84 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Instrument :
BNA_G
ClientSampleId :
PB87014BS

Tot Ion:184 Resp: 67300
Ion Ratio Lower Upper
184 100
63 65.2 42.7 64.1#
154 64.1 44.3 66.5

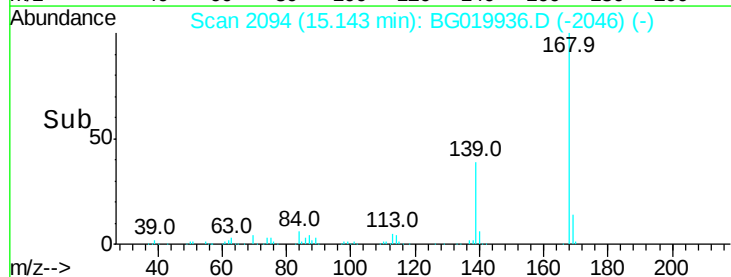
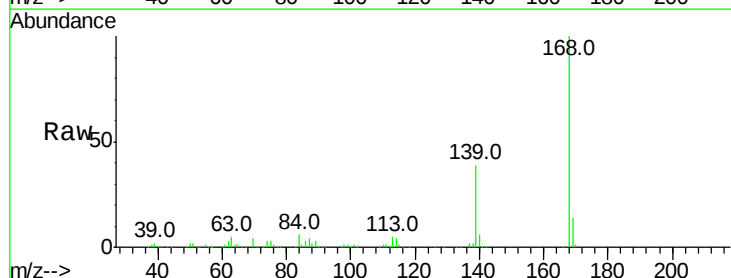
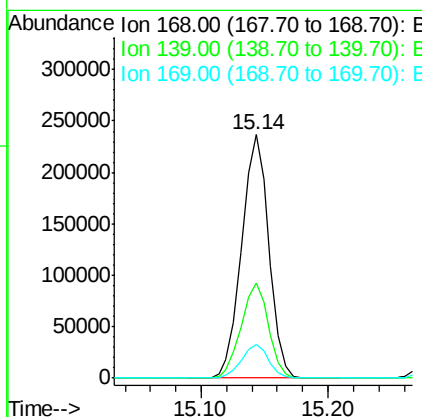
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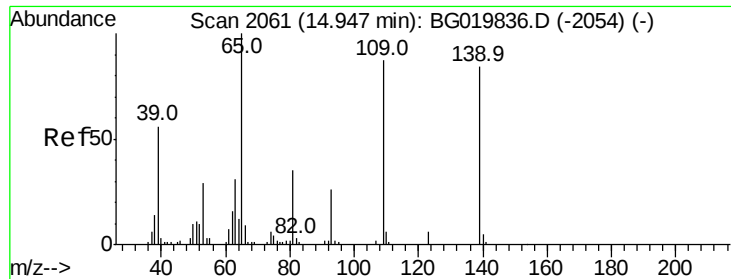
Mmdadoda
12/7/2015 6:29:45 PM



#54
Dibenzofuran
Concen: 42.69 ng
RT: 15.14 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion:168 Resp: 350252
Ion Ratio Lower Upper
168 100
139 39.1 27.4 41.0
169 13.9 11.0 16.4





#55

4-Nitrophenol

Concen: 84.35 ng

RT: 14.94 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

ClientSampled :

PB87014BS

Tot Ion:139 Resp: 108868

Ion Ratio Lower Upper

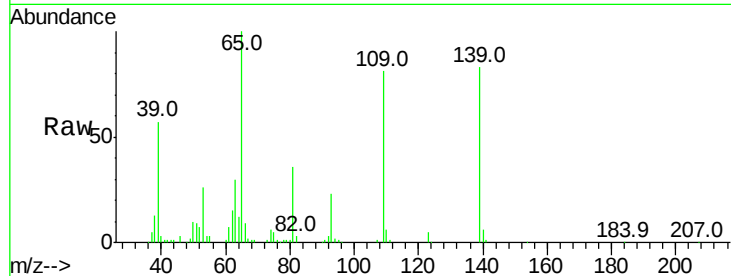
139 100

109 98.2 43.2 83.2#

65 121.0 67.8 107.8#

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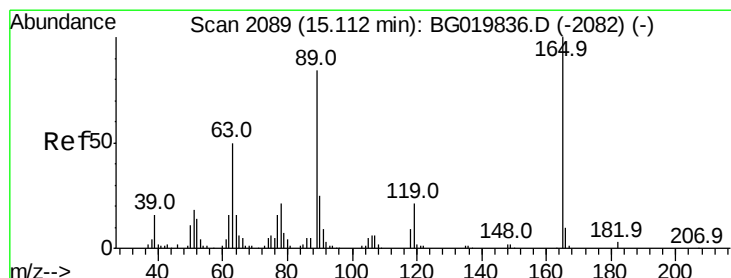
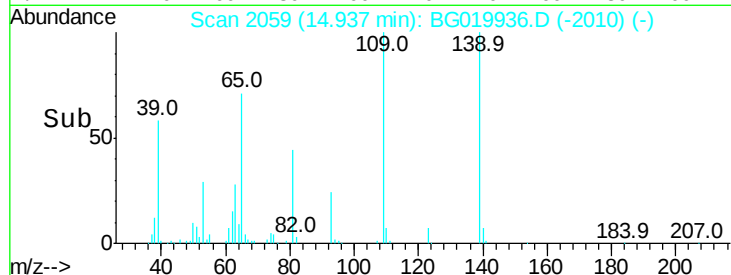
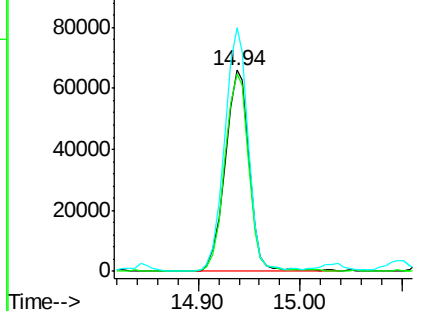
Mmdadoda
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 46.64 ng

RT: 15.10 min Scan# 2086

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Tgt Ion:165 Resp: 92821

Ion Ratio Lower Upper

165 100

63 44.8 31.0 46.4

89 79.4 54.4 81.6

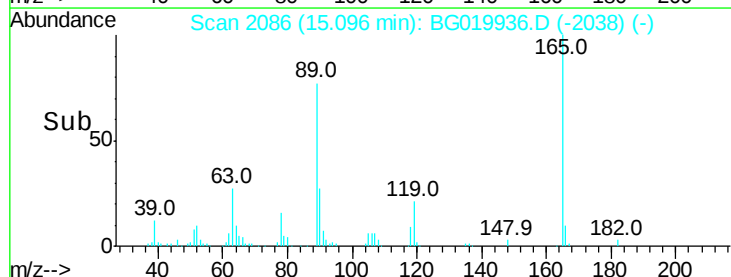
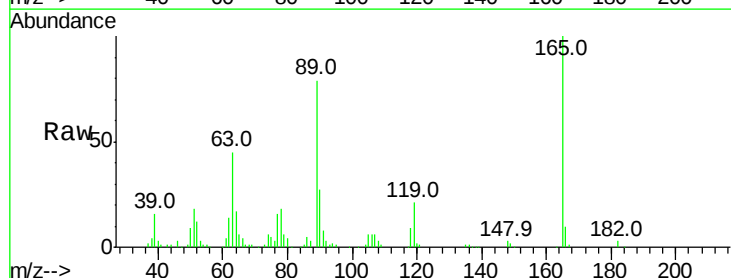
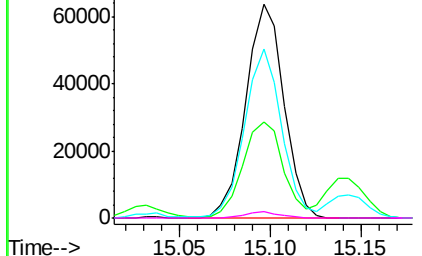
182 2.9 1.6 2.4#

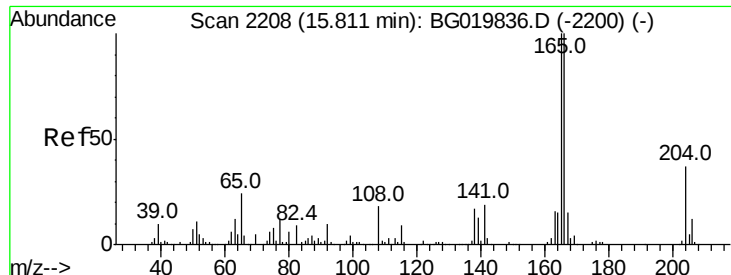
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.92 ng

RT: 15.79 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

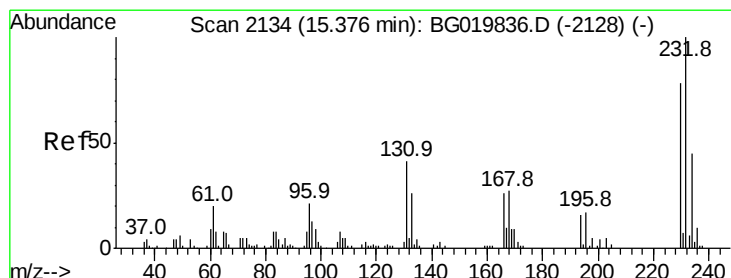
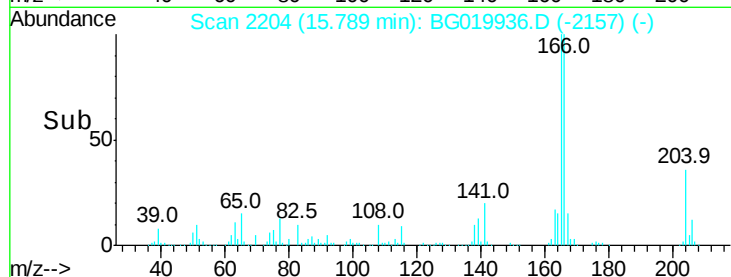
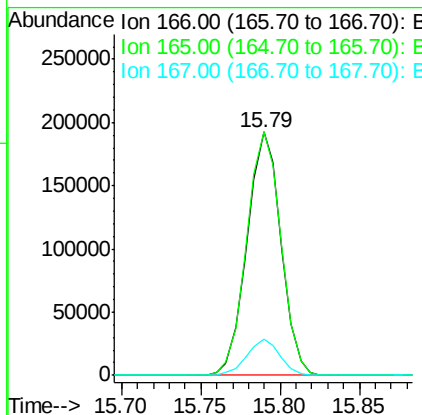
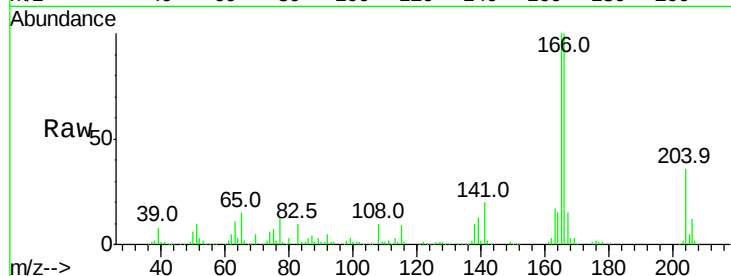
ClientSampleId :

PB87014BS

Tot Ion:	166	Resp:	285803
Ion Ratio	Lower	Upper	
166	100		
165	100.0	80.0	120.0
167	14.6	11.1	16.7

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.71 ng

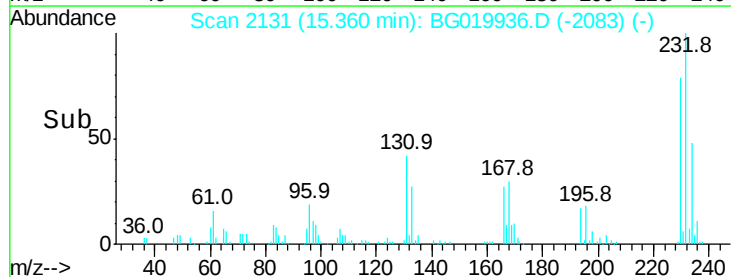
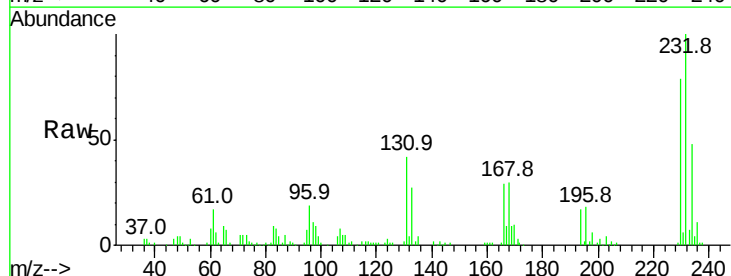
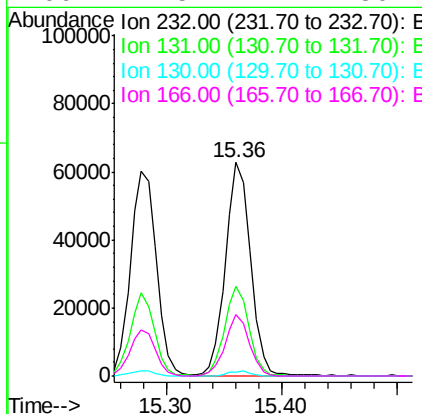
RT: 15.36 min Scan# 2131

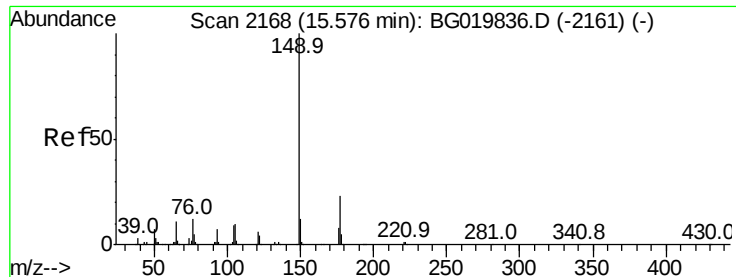
Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Tgt Ion:	232	Resp:	94746
Ion Ratio	Lower	Upper	
232	100		
131	40.5	33.0	49.6
130	2.2	2.0	3.0
166	27.5	24.1	36.1





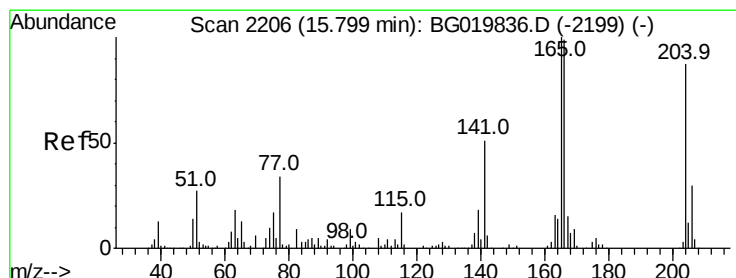
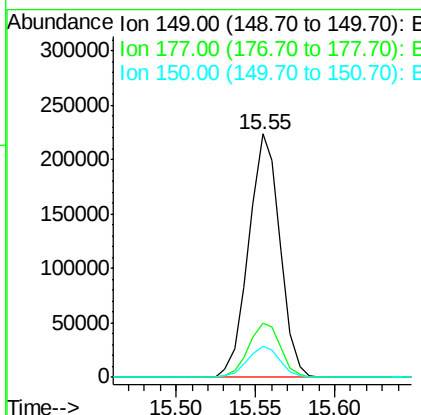
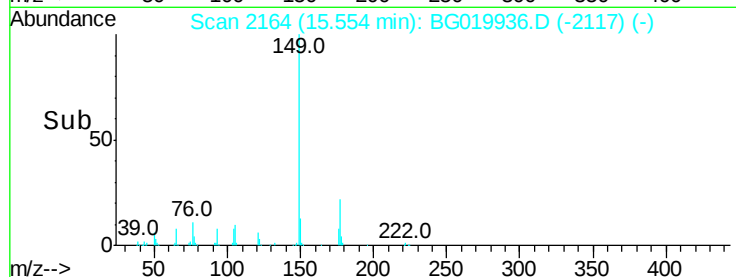
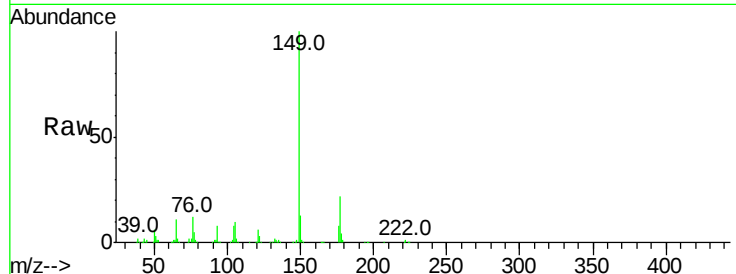
#59
Diethylphthalate
Concen: 37.32 ng
RT: 15.55 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Instrument :
BNA_G
ClientSampleId :
PB87014BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	22.4	19.6	29.4	
150	12.9	10.2	15.2	

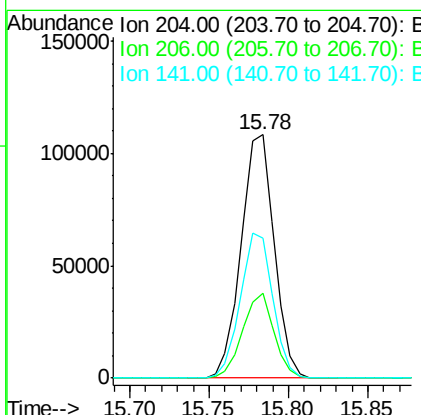
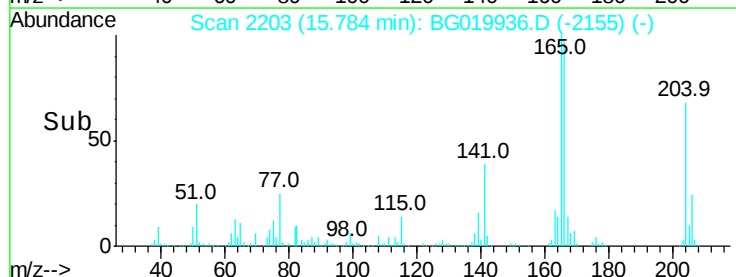
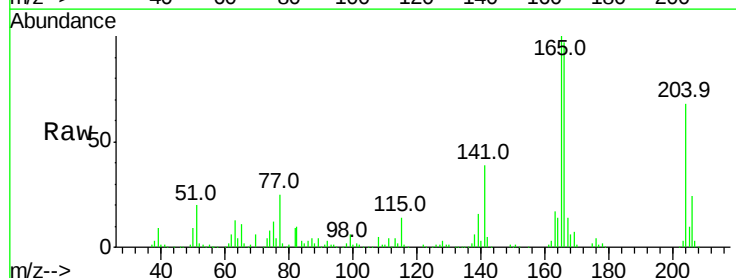
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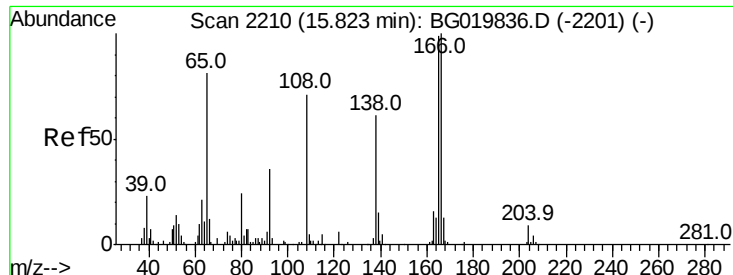
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#60
4-Chlorophenyl-phenylether
Concen: 37.20 ng
RT: 15.78 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	35.1	28.3	42.5	
141	57.4	44.0	66.0	





#61

4-Nitroaniline

Concen: 41.95 ng

RT: 15.80 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

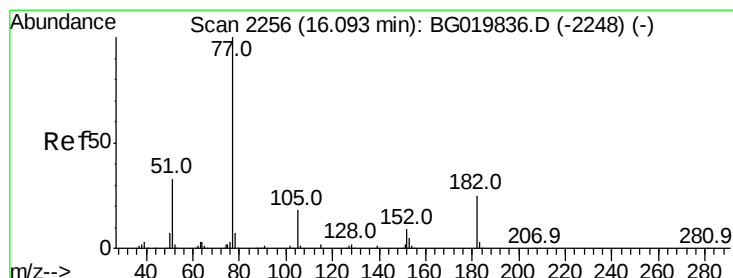
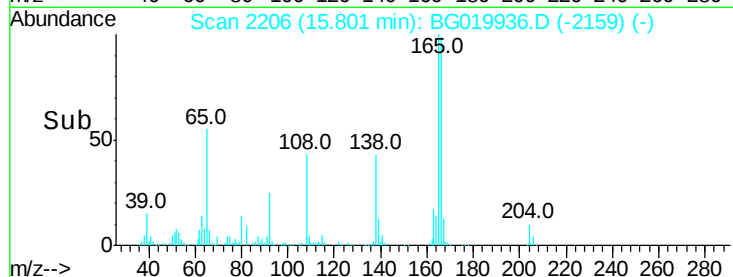
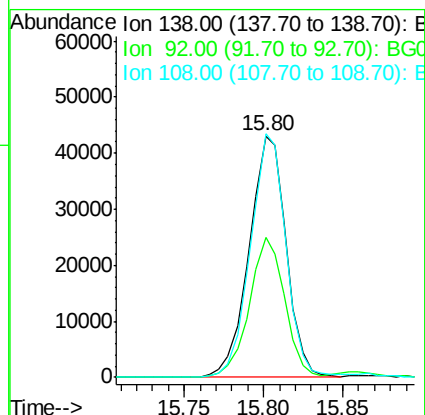
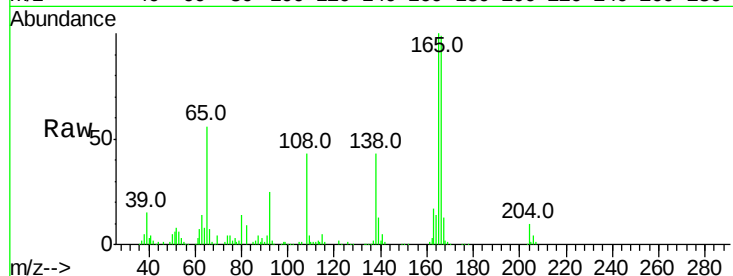
ClientSampleId :

PB87014BS

Tot Ion:	138	Resp:	69925
Ion Ratio	Lower	Upper	
138	100		
92	58.1	29.1	69.1
108	100.9	49.8	89.8

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#62

Azobenzene

Concen: 43.02 ng

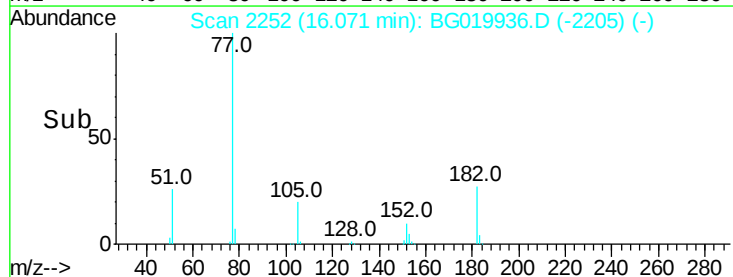
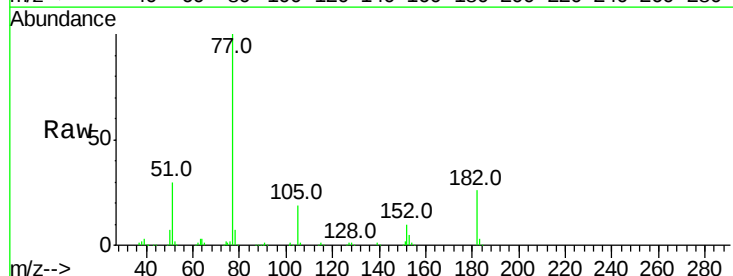
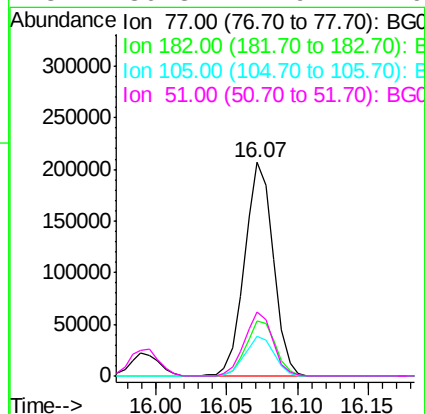
RT: 16.07 min Scan# 2252

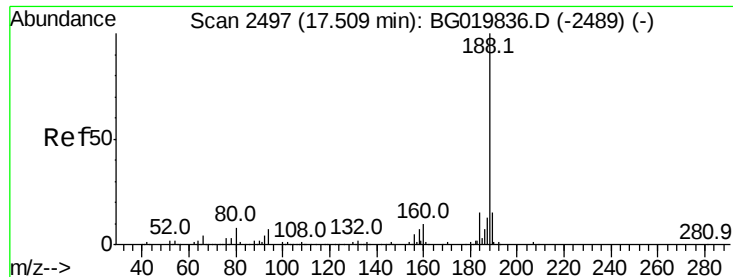
Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Tgt Ion:	77	Resp:	293958
Ion Ratio	Lower	Upper	
77	100		
182	25.5	7.0	47.0
105	18.9	1.4	41.4
51	30.3	4.9	44.9





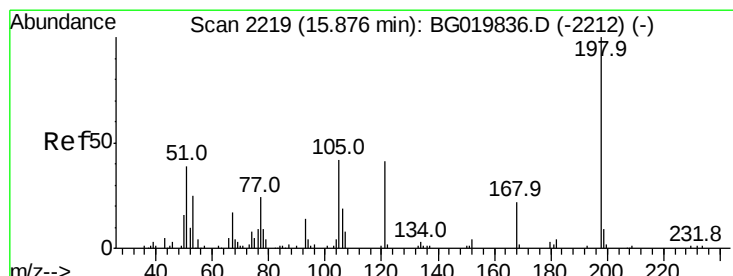
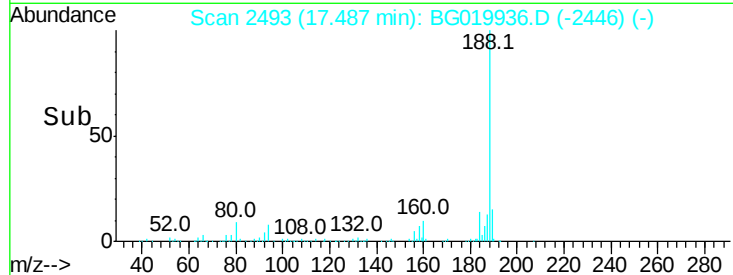
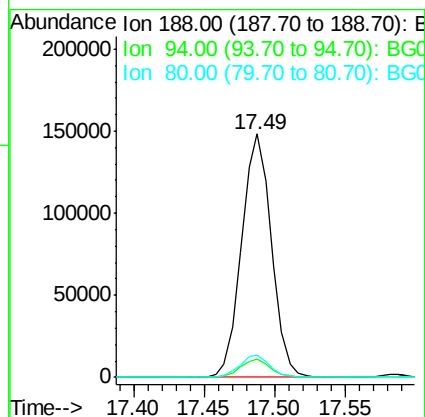
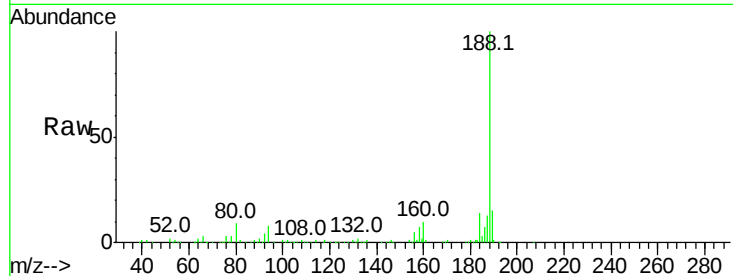
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Instrument :
BNA_G
ClientSampleId :
PB87014BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.5	7.7	11.5#
80	8.9	7.8	11.8

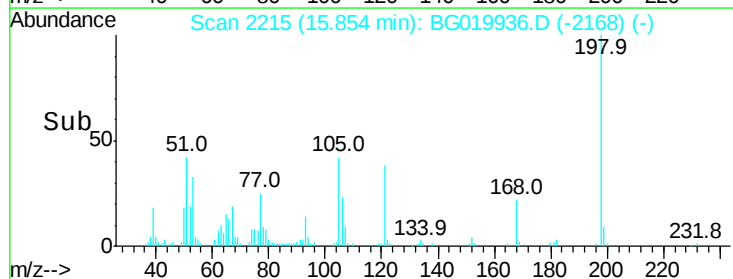
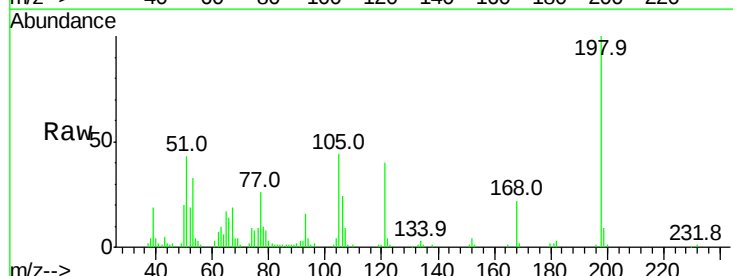
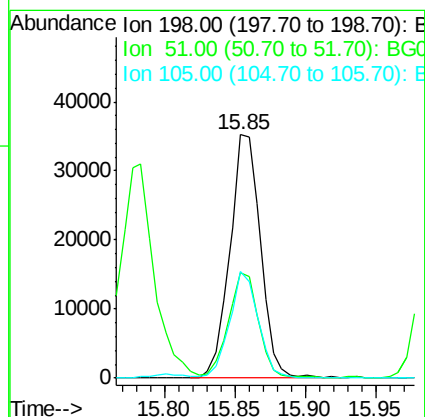
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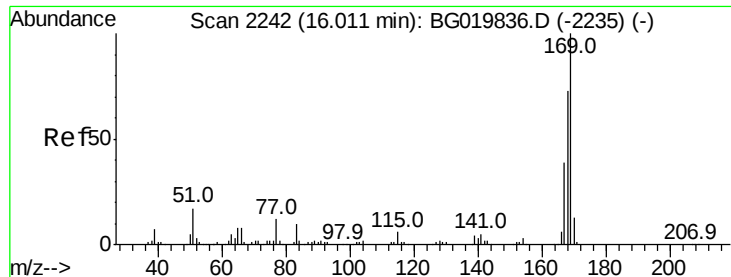
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.97 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	43.2	14.2	54.2
105	43.9	21.1	61.1





#65

n-Nitrosodiphenylamine

Concen: 40.89 ng

RT: 16.00 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

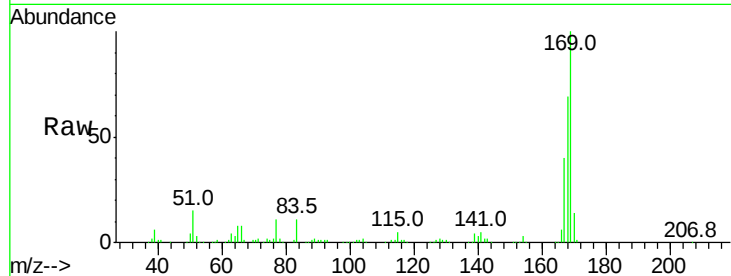
ClientSampleId :

PB87014BS

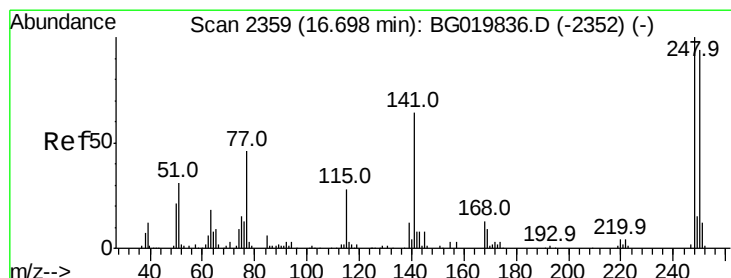
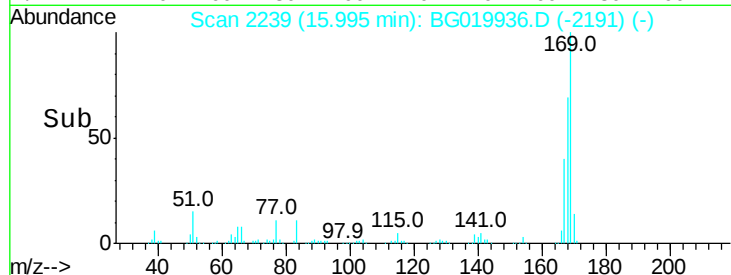
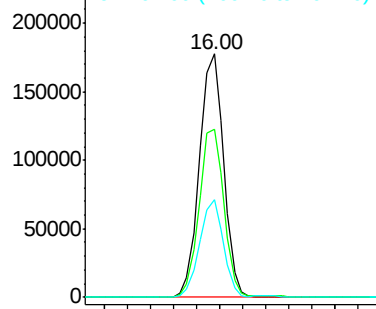
Tot Ion:	169	Resp:	258267
Ion Ratio	Lower	Upper	
169	100		
168	69.3	58.2	87.2
167	40.2	32.7	49.1

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



#66

4-Bromophenyl-phenylether

Concen: 38.95 ng

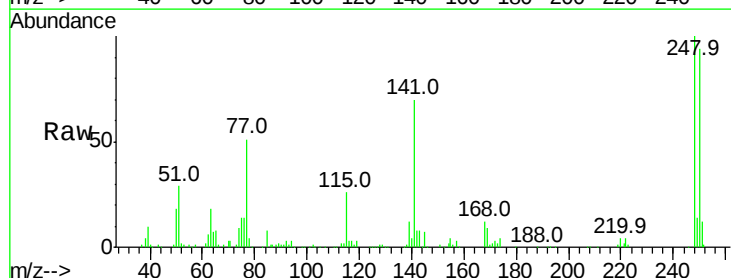
RT: 16.68 min Scan# 2355

Delta R.T. -0.02 min

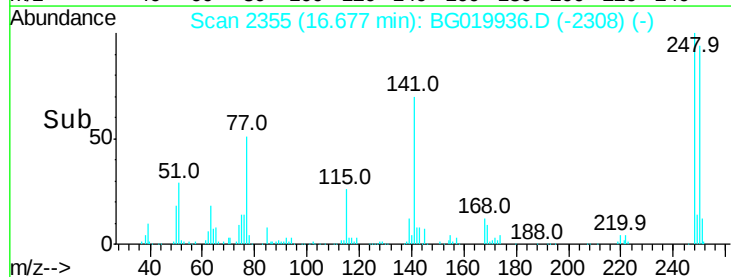
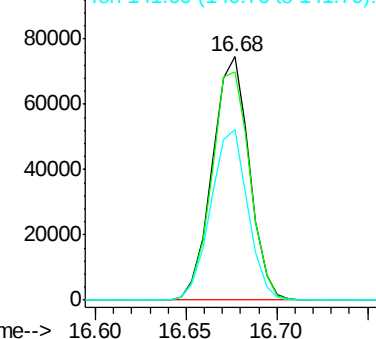
Lab File: BG019936.D

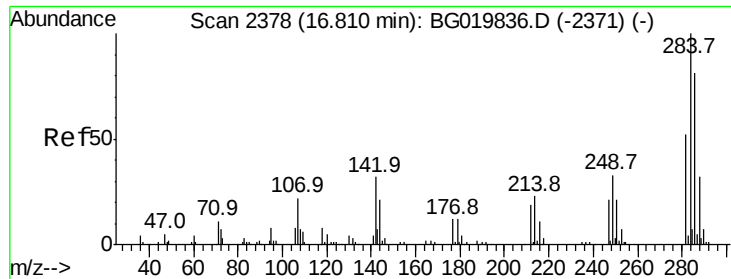
Acq: 5 Dec 2015 11:14

Tgt Ion:	248	Resp:	105645
Ion Ratio	Lower	Upper	
248	100		
250	93.8	77.8	116.8
141	69.8	50.4	75.6



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





#67

Hexachlorobenzene

Concen: 39.52 ng

RT: 16.79 min Scan# 2374

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

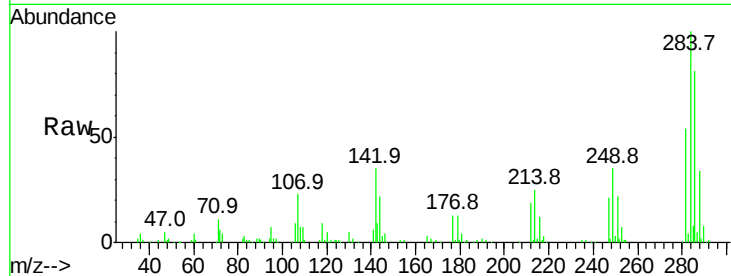
ClientSampleId :

PB87014BS

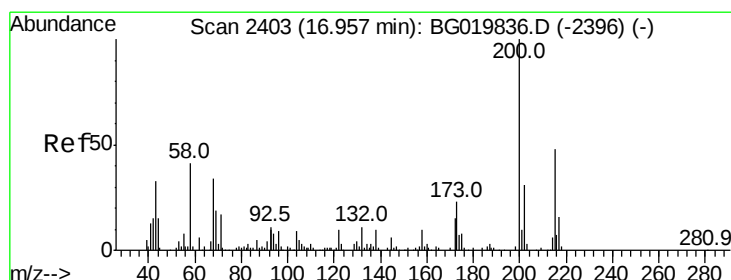
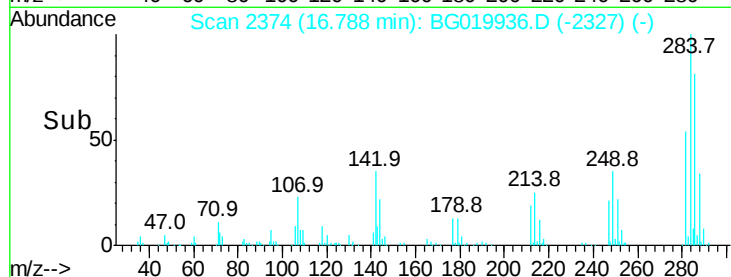
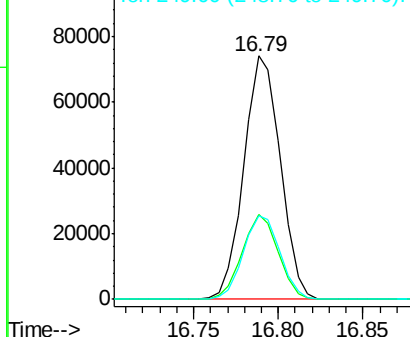
Tot Ion:	284	Resp:	111644
Ion Ratio	Lower	Upper	
284	100		
142	34.6	26.6	39.8
249	37.3	26.2	39.2

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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: 35.85 ng

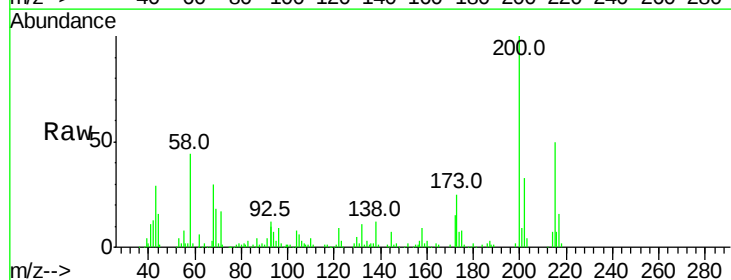
RT: 16.94 min Scan# 2399

Delta R.T. -0.02 min

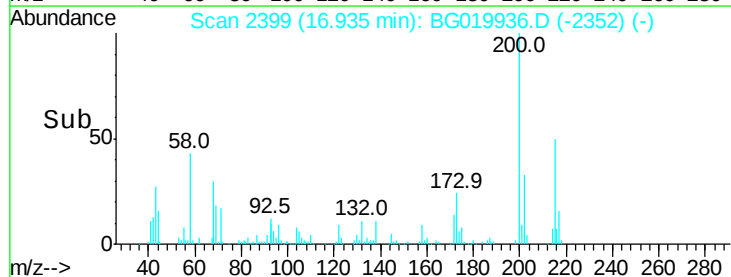
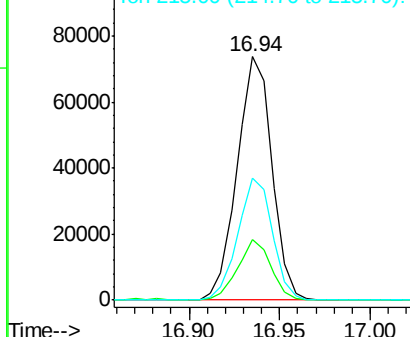
Lab File: BG019936.D

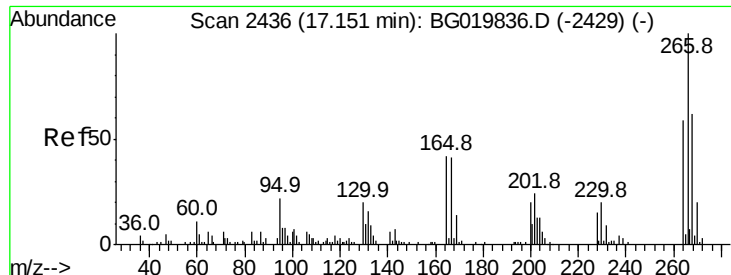
Acq: 5 Dec 2015 11:14

Tgt Ion:	200	Resp:	98377
Ion Ratio	Lower	Upper	
200	100		
173	24.6	5.2	45.2
215	50.2	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: 89.59 ng

RT: 17.13 min Scan# 2432

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

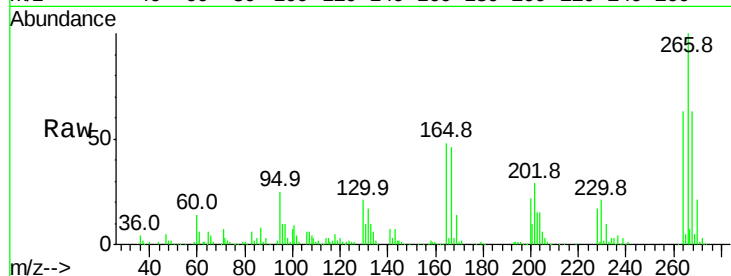
ClientSampleId :

PB87014BS

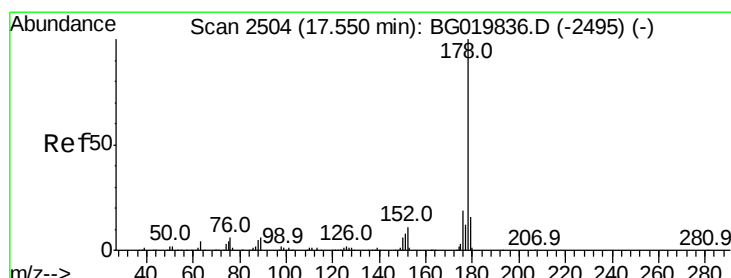
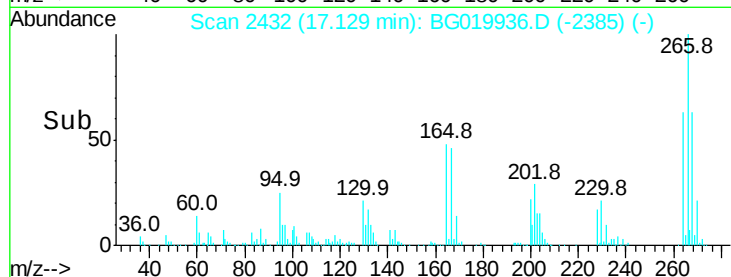
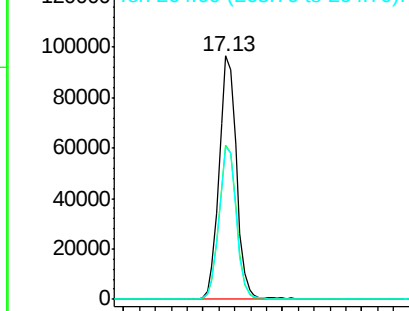
Tot Ion:	266	Resp:	147739
Ion Ratio		Lower	Upper
266	100		
268	63.4	47.6	71.4
264	62.5	48.1	72.1

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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: 40.31 ng

RT: 17.53 min Scan# 2500

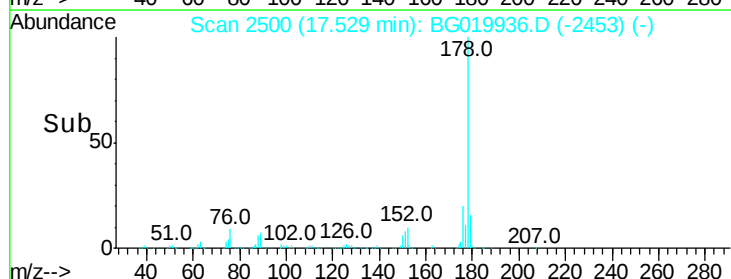
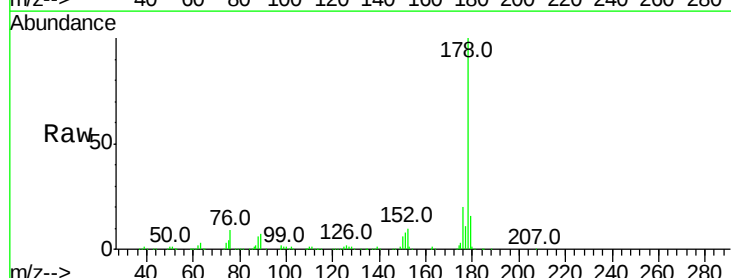
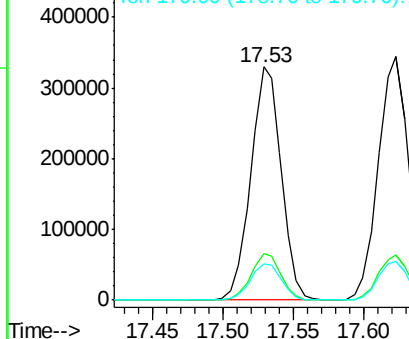
Delta R.T. -0.02 min

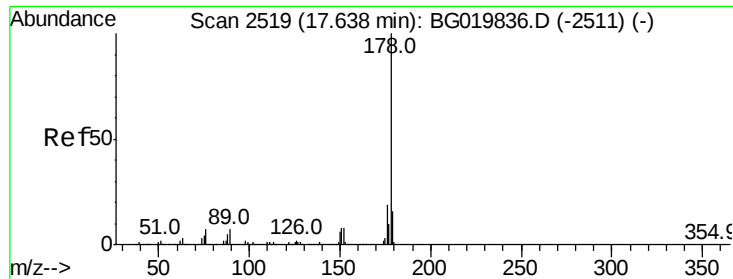
Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Tgt Ion:	178	Resp:	497804
Ion Ratio		Lower	Upper
178	100		
176	20.0	16.7	25.1
179	15.6	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





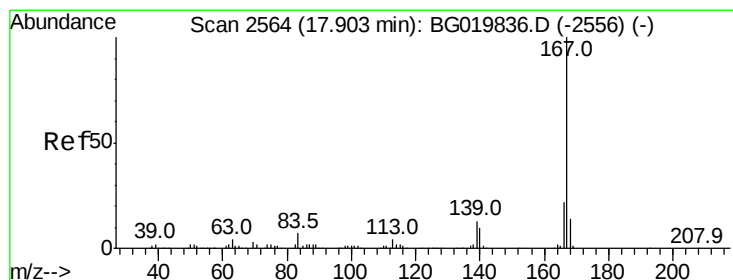
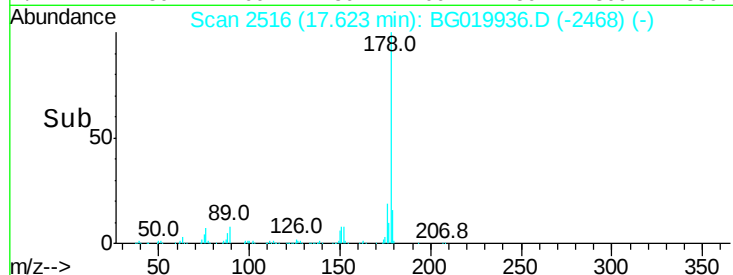
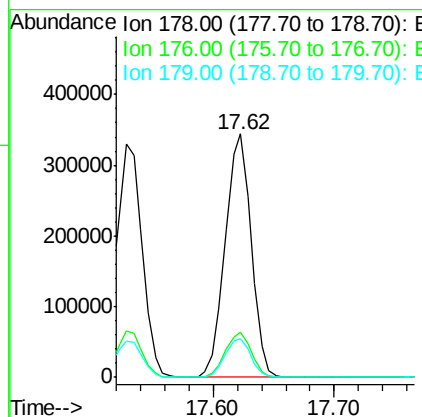
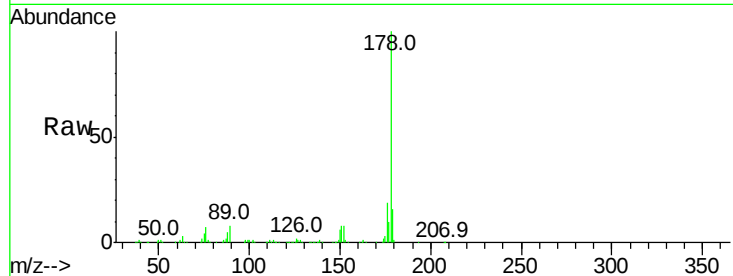
#71
 Anthracene
 Concen: 40.77 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.8	25.2
179	16.2	13.9	20.9

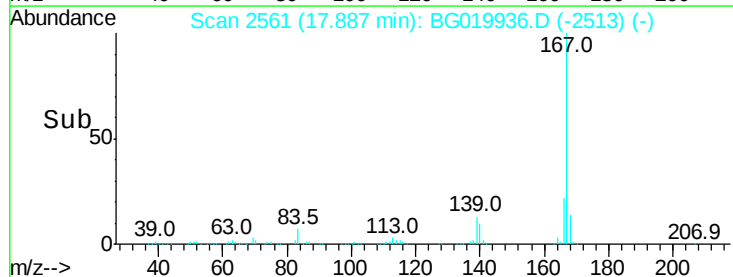
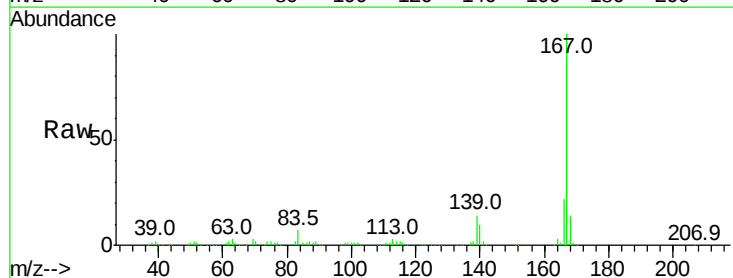
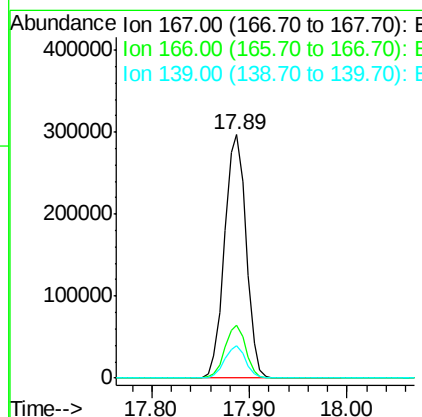
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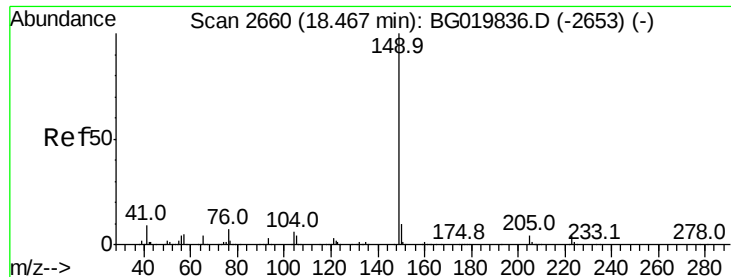
Mmdadoda
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#72
 Carbazole
 Concen: 41.17 ng
 RT: 17.89 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	19.0	28.6
139	13.5	10.2	15.4





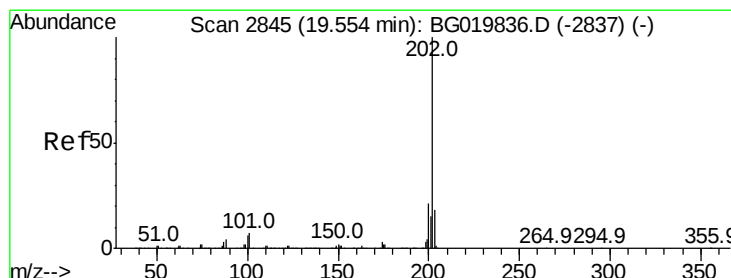
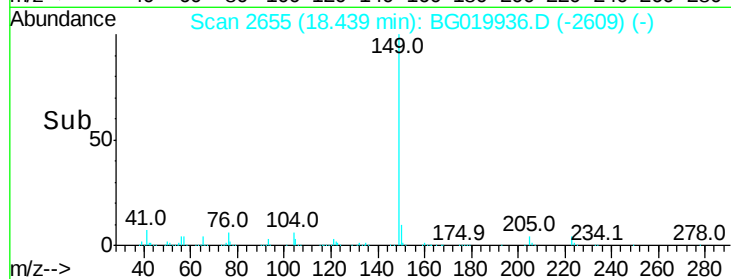
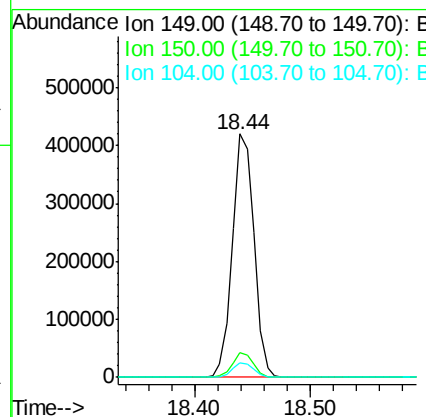
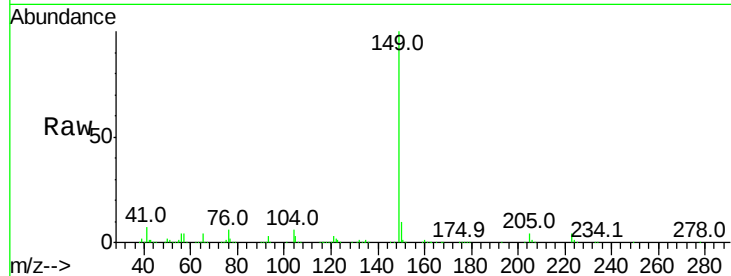
#73
Di-n-butylphthalate
Concen: 40.06 ng
RT: 18.44 min Scan# 2655
Delta R.T. -0.03 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Instrument :
BNA_G
ClientSampleId :
PB87014BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	544114		
150	9.9	8.2	12.4	
104	5.9	4.4	6.6	

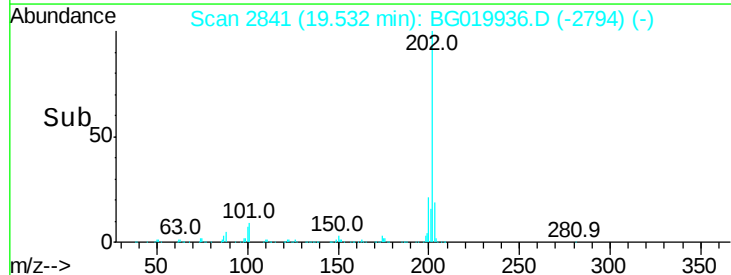
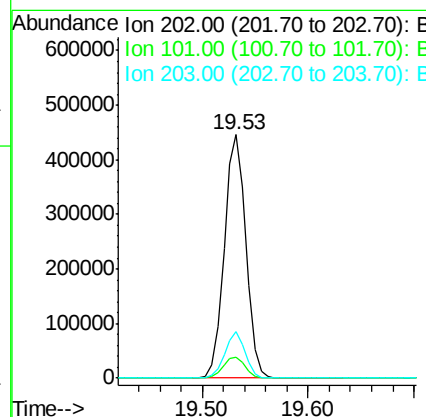
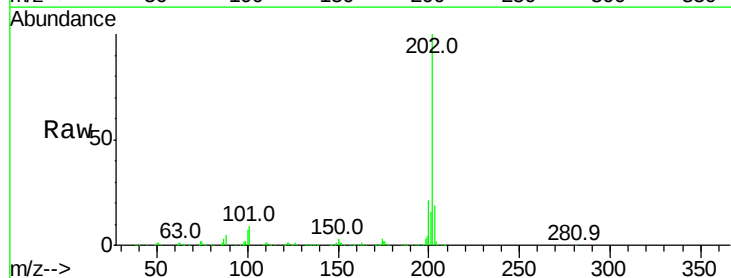
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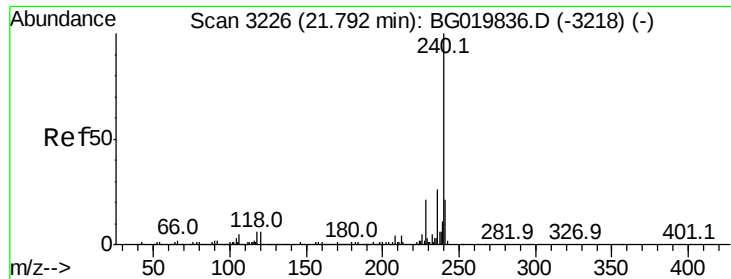
Mmdadoda
12/7/2015 6:29:45 PM



#74
Fluoranthene
Concen: 39.92 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	630579		
101	8.5	0.0	32.4	
203	18.9	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: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

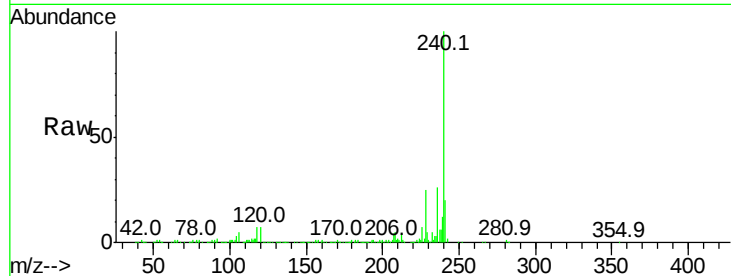
ClientSampleId :

PB87014BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.0	7.4	11.0#
236	26.3	20.7	31.1

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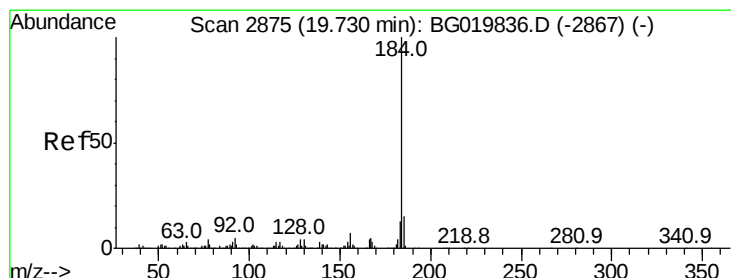
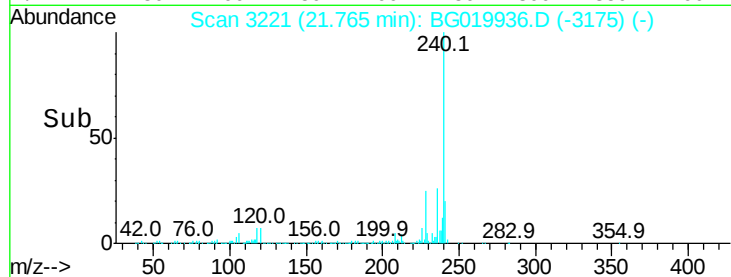
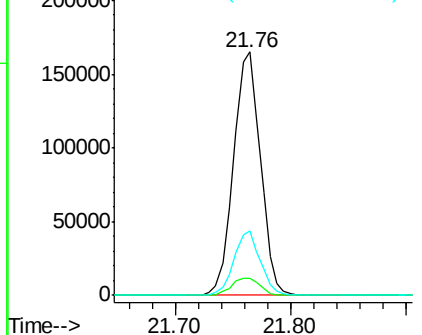
Mmdadoda
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.73 ng

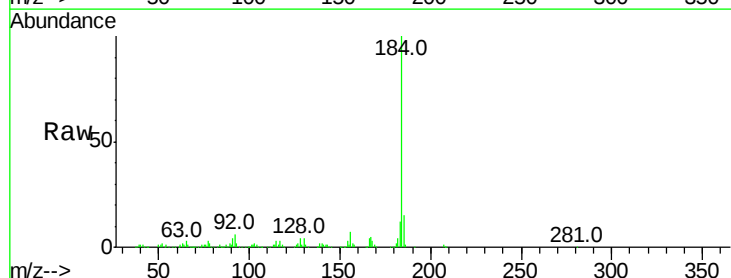
RT: 19.71 min Scan# 2871

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

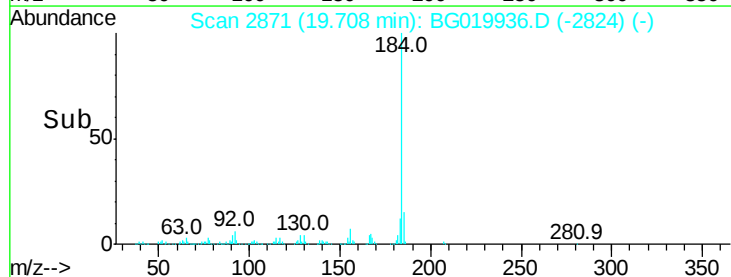
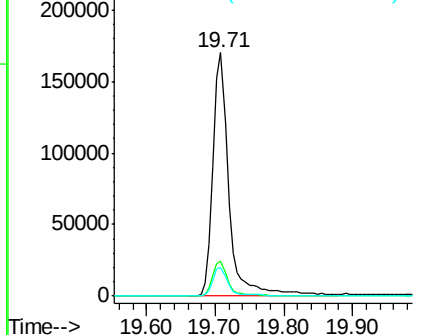
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.4	20.2
183	11.8	10.1	15.1

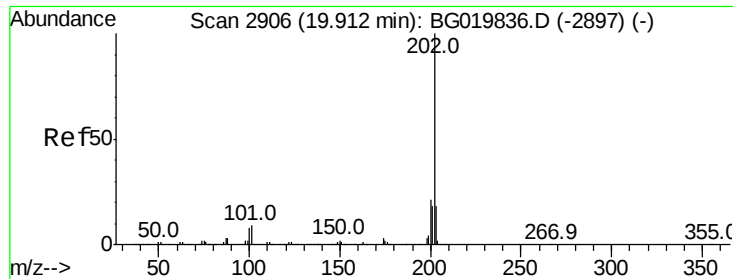


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.60 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

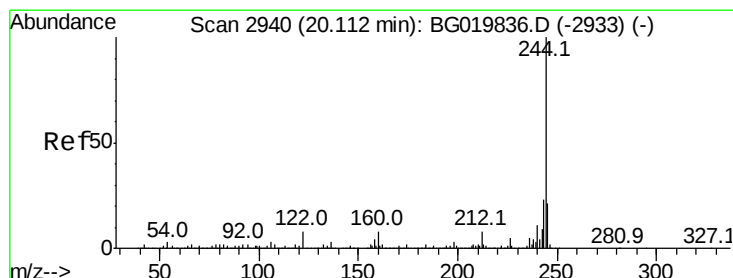
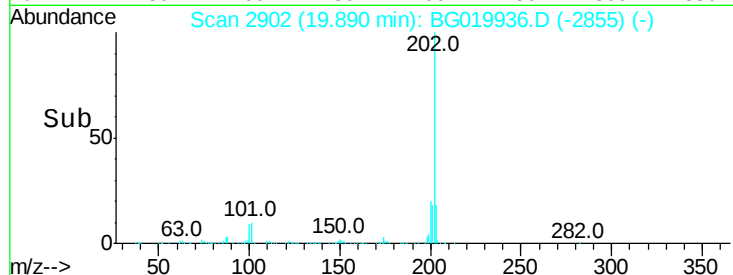
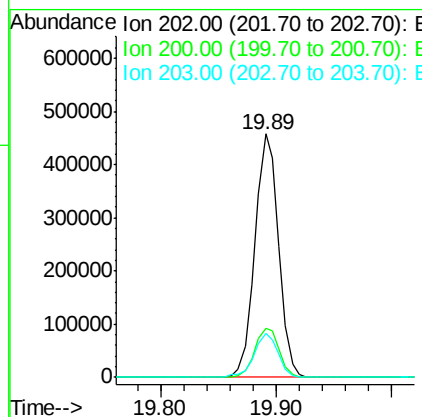
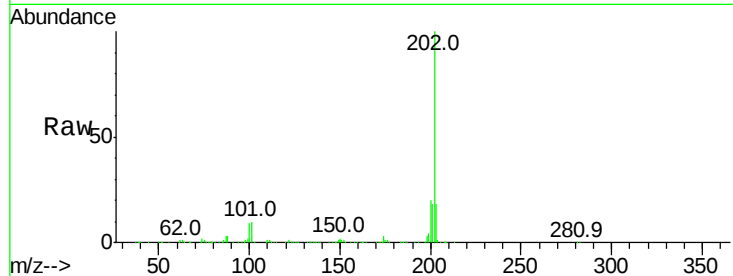
ClientSampleId :

PB87014BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.4	19.4	29.0
203	18.0	15.5	23.3

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#78

Terphenyl-d14

Concen: 79.40 ng

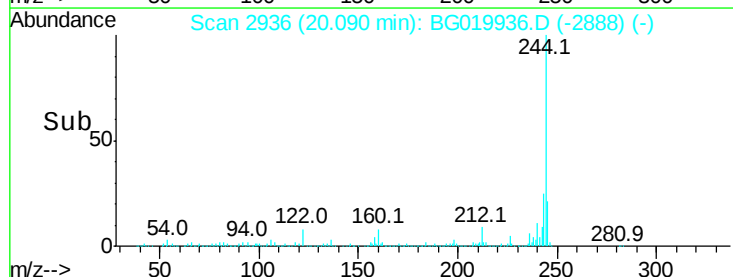
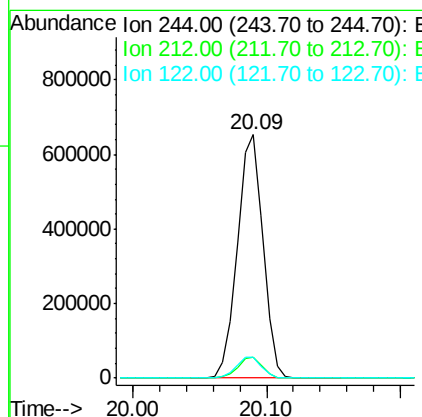
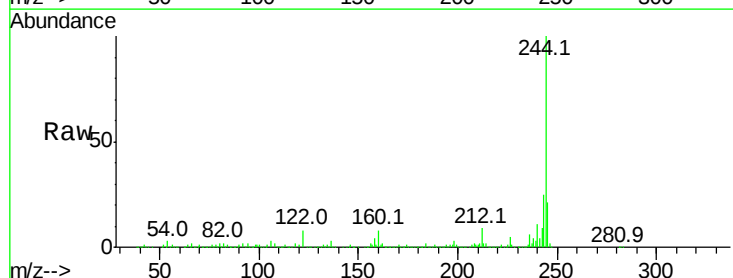
RT: 20.09 min Scan# 2936

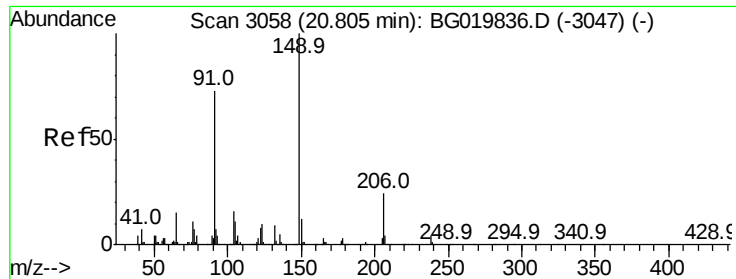
Delta R.T. -0.02 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

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





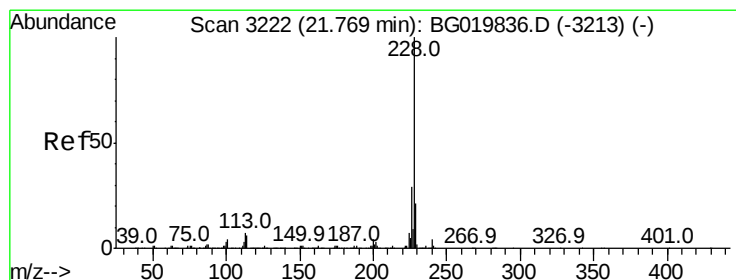
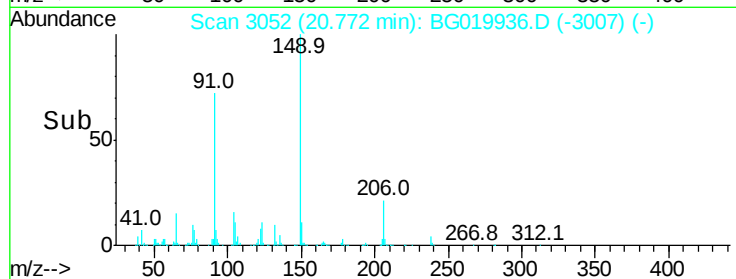
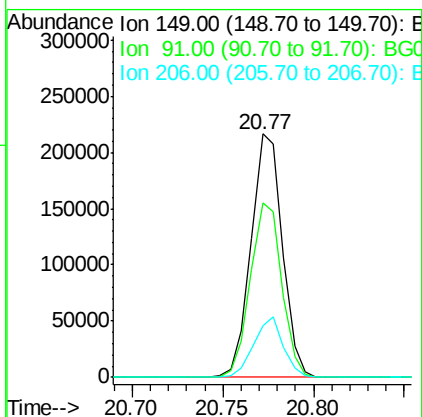
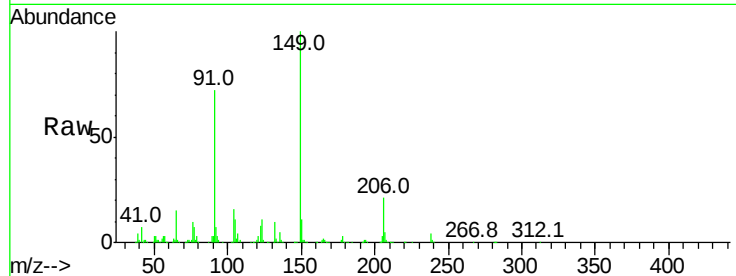
#79
Butylbenzylphthalate
Concen: 42.34 ng
RT: 20.77 min Scan# 3052
Delta R.T. -0.03 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Instrument :
BNA_G
ClientSampleId :
PB87014BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	259980		
91	71.6	58.1	87.1	
206	21.1	17.8	26.8	

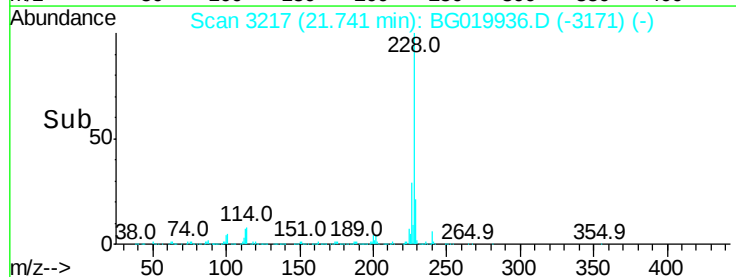
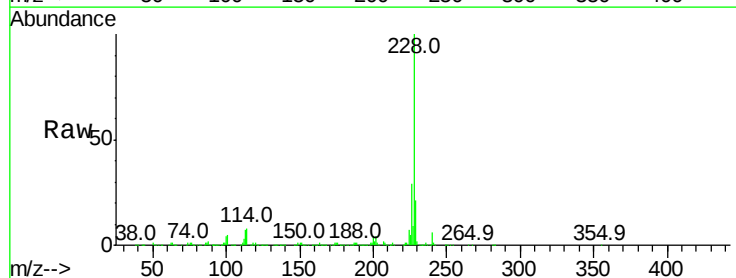
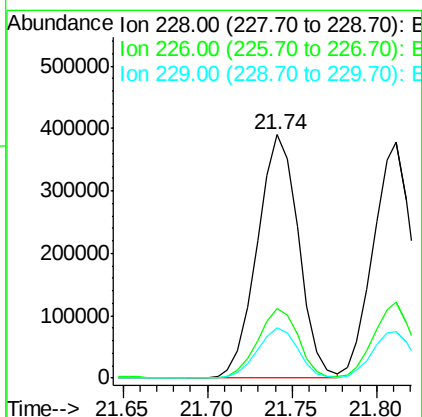
Manual Integrations
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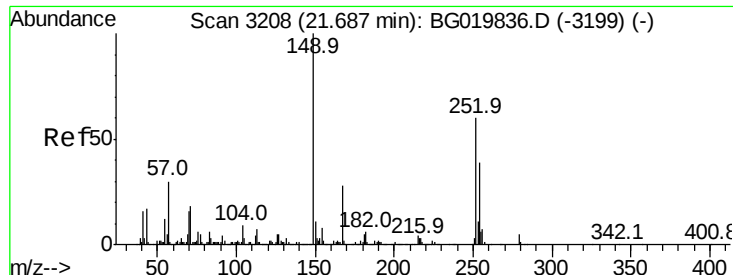
Mmdadoda
12/7/2015 6:29:45 PM



#80
Benzo(a)anthracene
Concen: 40.65 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.03 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	662580		
226	28.6	23.4	35.0	
229	20.7	16.6	25.0	





#81

3,3'-Dichlorobenzidine

Concen: 29.17 ng

RT: 21.65 min Scan# 3202

Delta R.T. -0.03 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

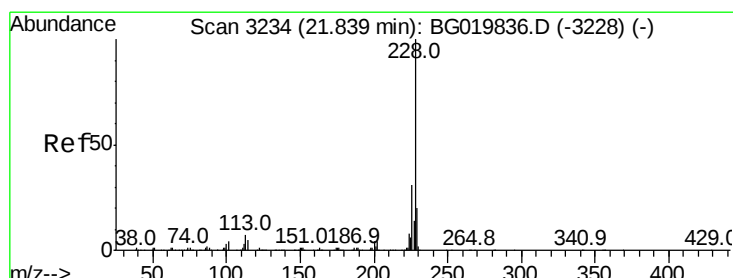
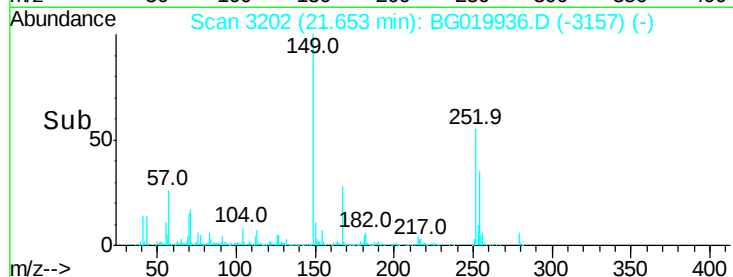
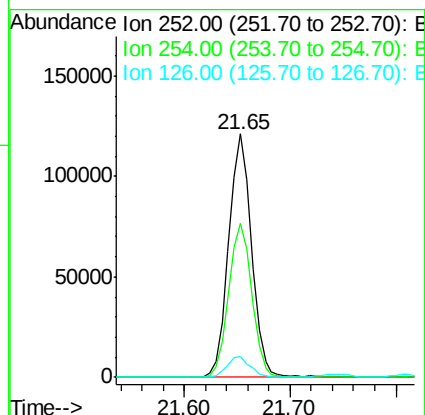
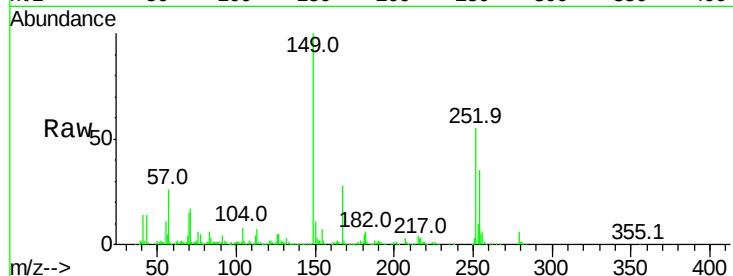
ClientSampleId :

PB87014BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	181043		
254	63.1	52.5	78.7	
126	8.4	8.5	12.7#	

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#82

Chrysene

Concen: 39.07 ng

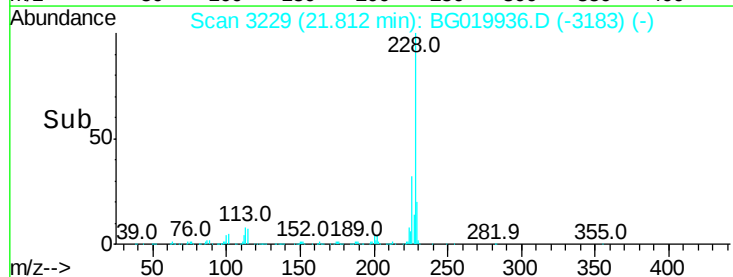
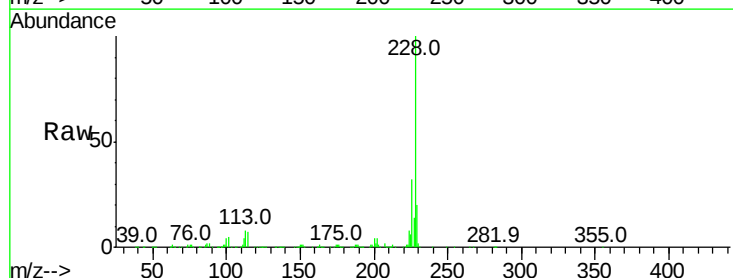
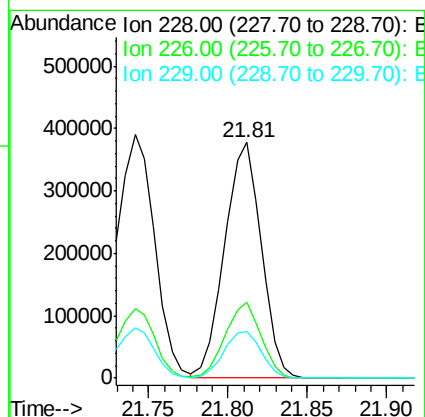
RT: 21.81 min Scan# 3229

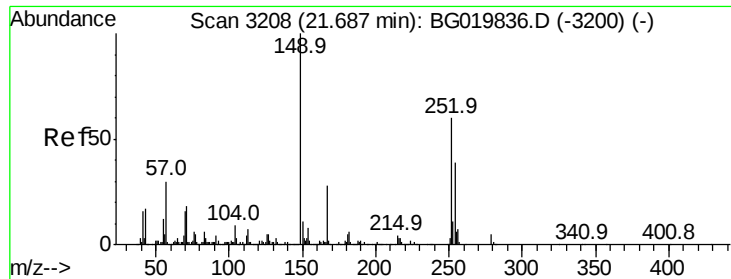
Delta R.T. -0.03 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	604586		
226	32.1	26.7	40.1	
229	20.0	17.0	25.6	





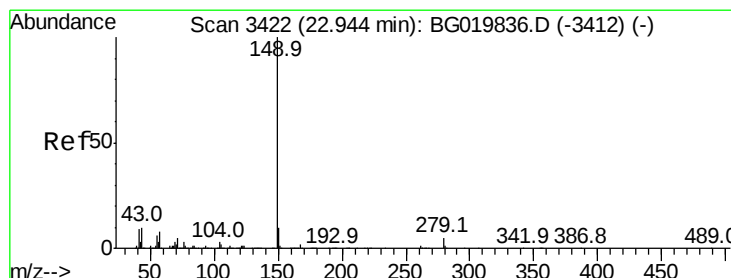
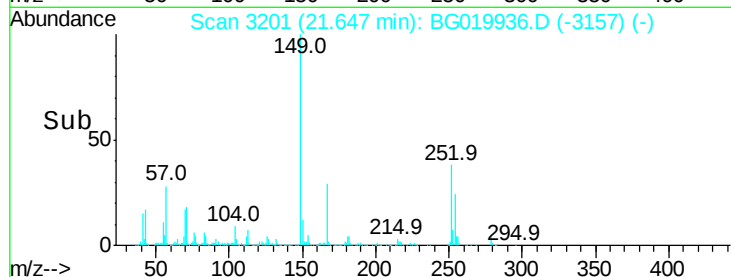
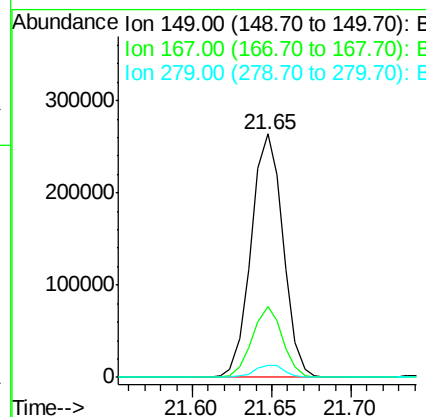
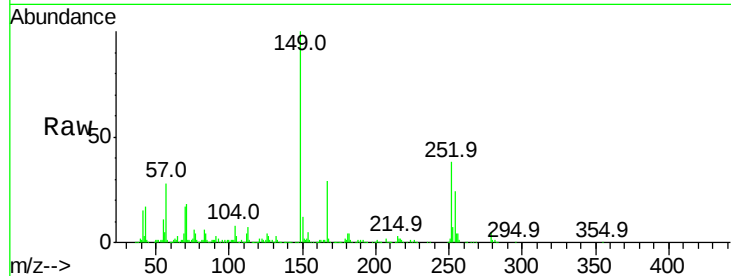
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.96 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	369016		
167	28.9	23.8	35.8	
279	4.7	3.4	5.2	

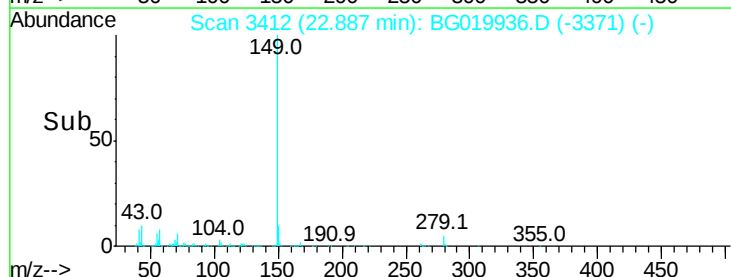
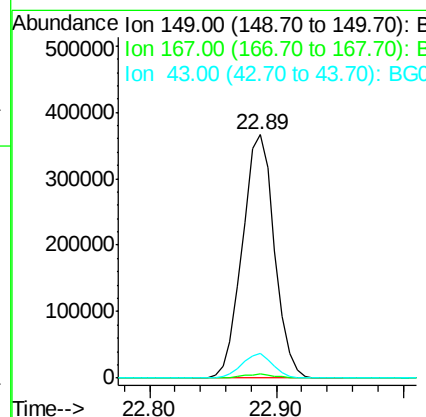
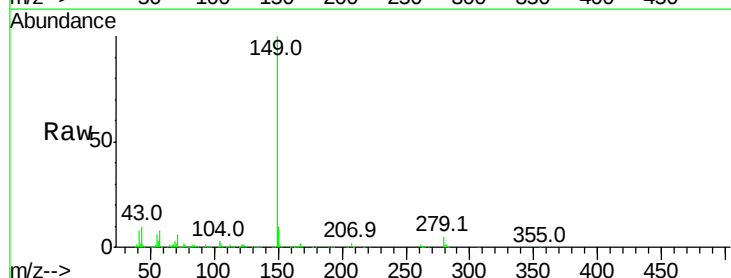
Manual Integrations
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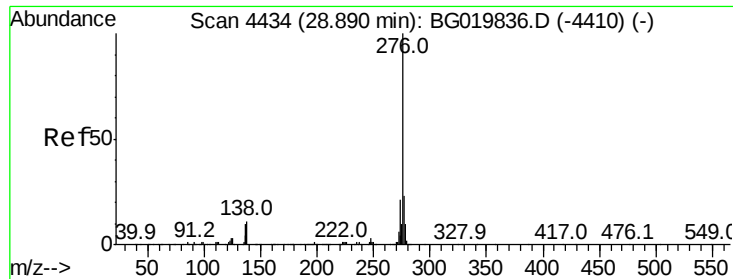
Mmdadoda
 12/7/2015 6:29:45 PM



#84
 Di-n-octyl phthalate
 Concen: 43.61 ng
 RT: 22.89 min Scan# 3412
 Delta R.T. -0.06 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	638851		
167	1.6	1.2	1.8	
43	9.8	5.9	8.9	





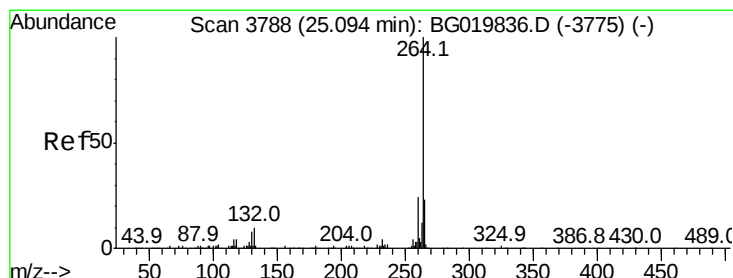
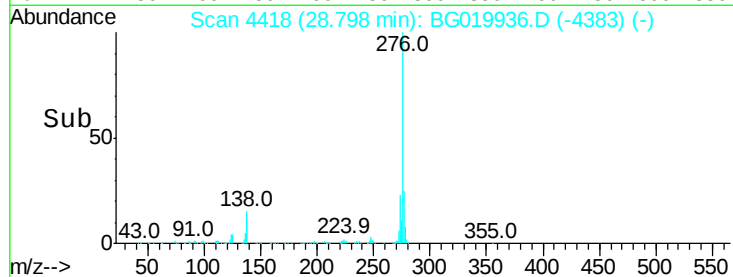
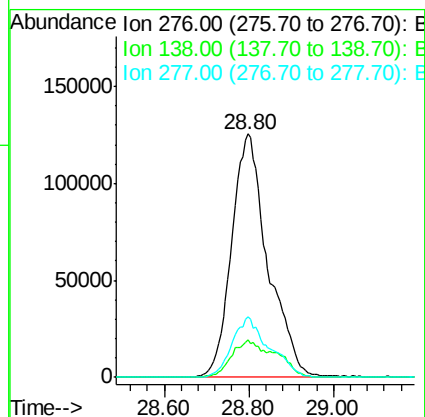
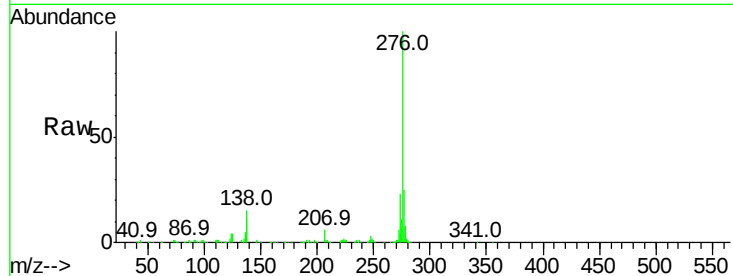
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.57 ng
 RT: 28.80 min Scan# 4418
 Delta R.T. -0.09 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	18.6	0.0	0.0#
277	25.3	0.0	0.0#

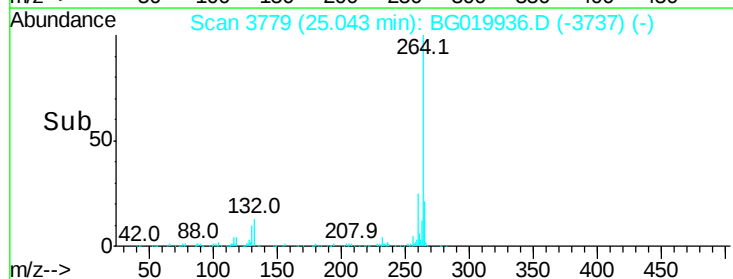
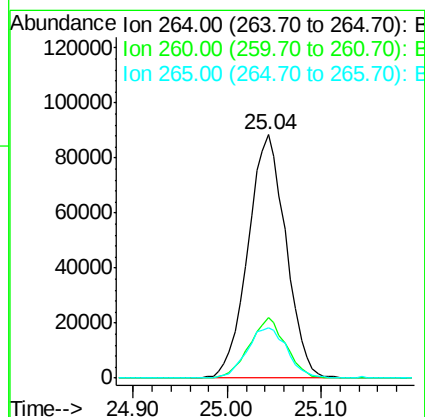
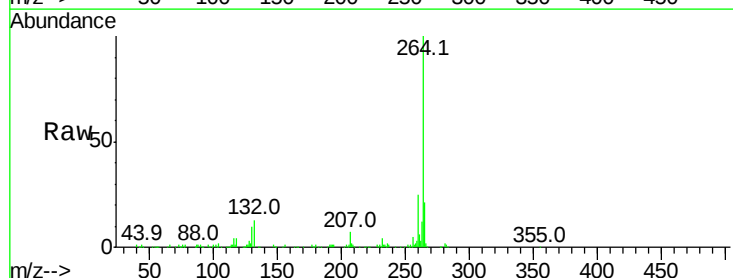
Manual Integrations
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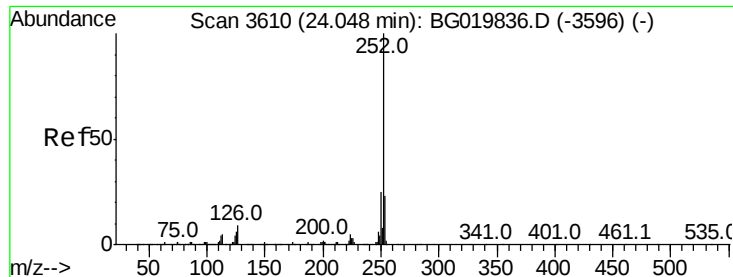
Mmdadoda
 12/7/2015 6:29:45 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.04 min Scan# 3779
 Delta R.T. -0.05 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.8	18.5	27.7
265	20.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.18 ng

RT: 24.00 min Scan# 3601

Delta R.T. -0.05 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Instrument :

BNA_G

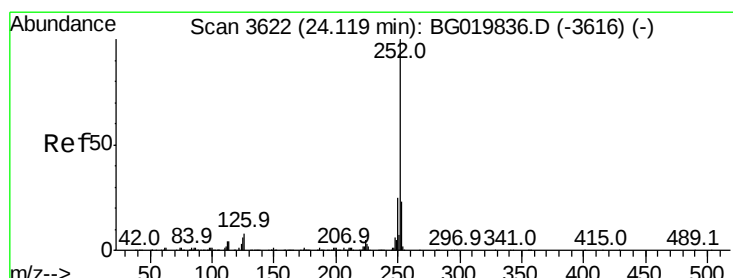
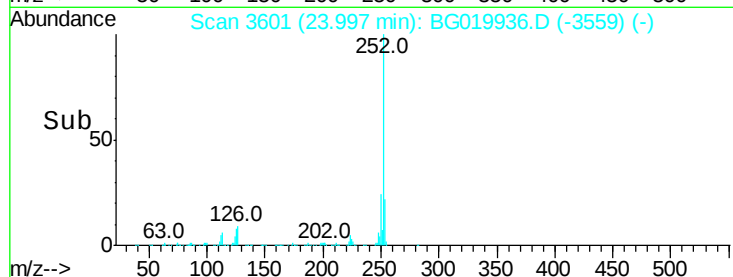
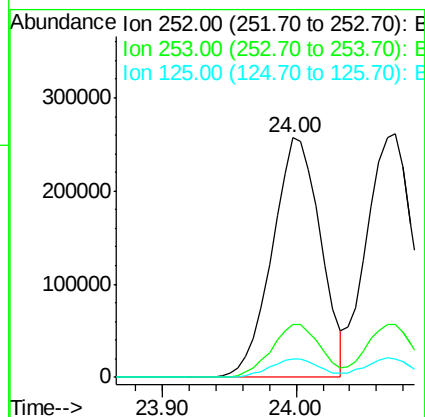
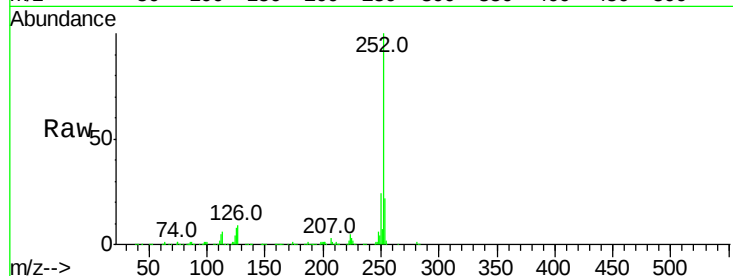
ClientSampleId :

PB87014BS

Tot Ion:	252	Resp:	644393
Ion Ratio	Lower	Upper	
252	100		
253	21.9	19.1	28.7
125	7.9	8.9	13.3#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 40.63 ng

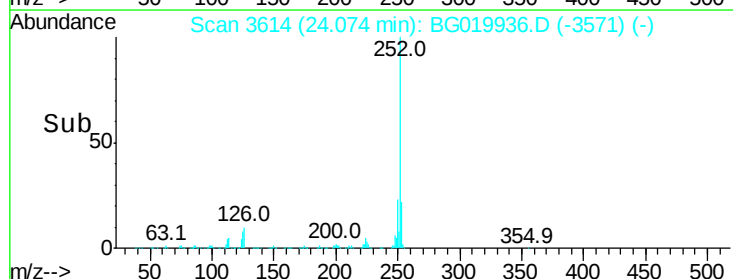
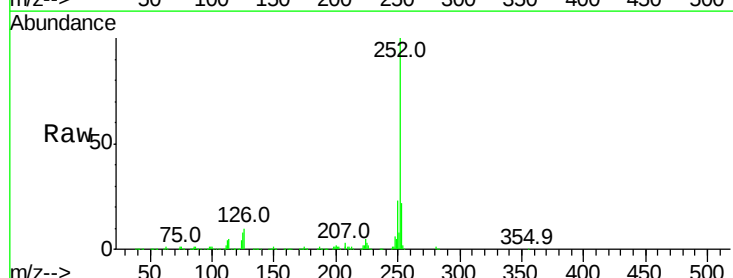
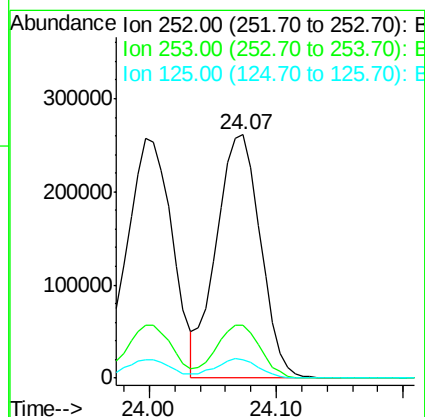
RT: 24.07 min Scan# 3614

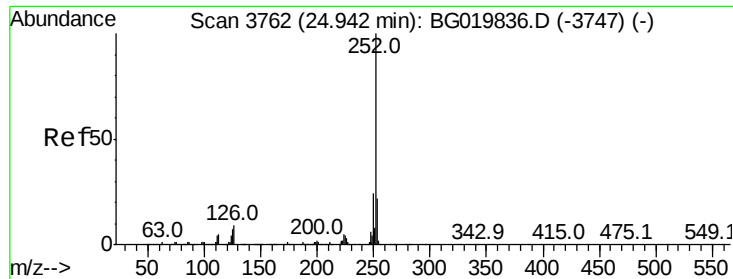
Delta R.T. -0.05 min

Lab File: BG019936.D

Acq: 5 Dec 2015 11:14

Tgt Ion:	252	Resp:	629682
Ion Ratio	Lower	Upper	
252	100		
253	21.8	19.0	28.4
125	7.7	8.9	13.3#





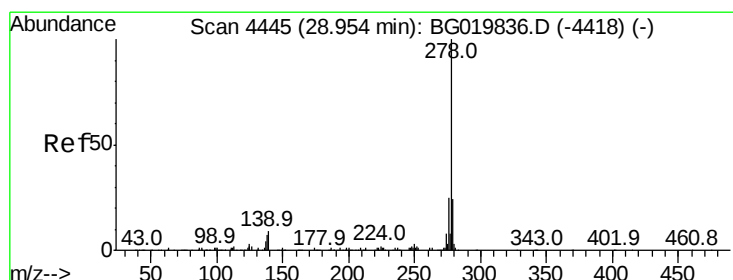
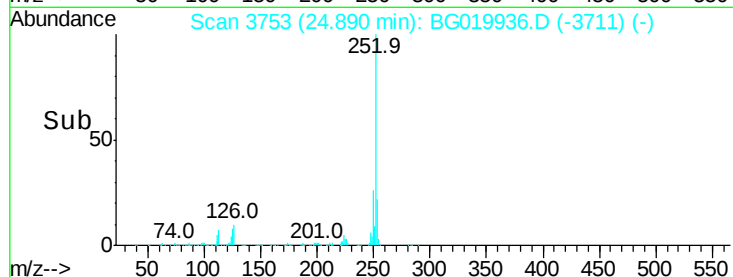
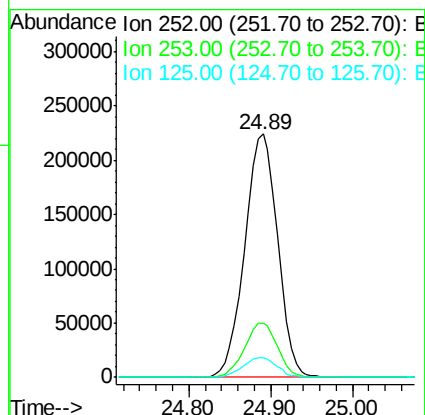
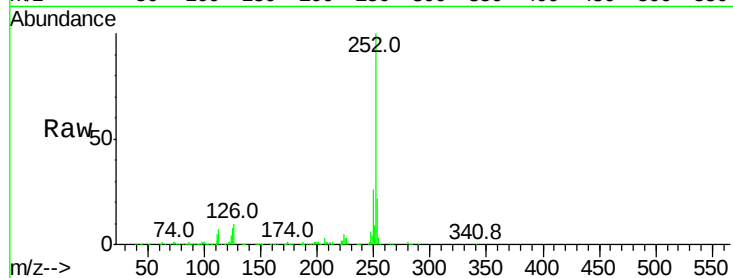
#89
Benzo(a)pyrene
Concen: 42.22 ng
RT: 24.89 min Scan# 3753
Delta R.T. -0.05 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Instrument :
BNA_G
ClientSampleId :
PB87014BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.7	28.1
125	8.2	9.1	13.7

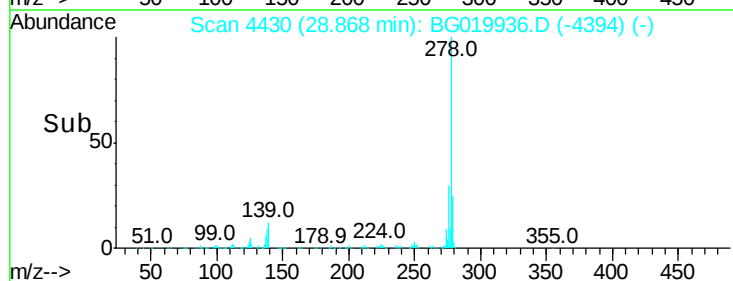
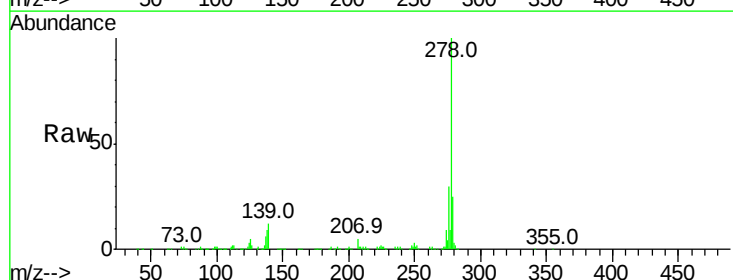
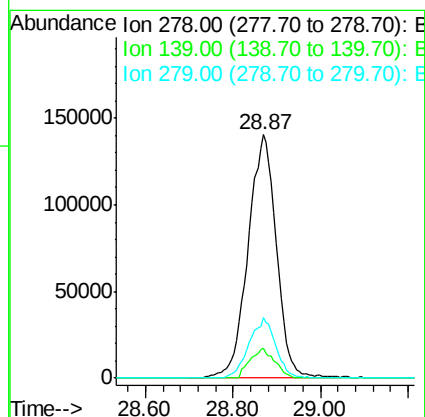
Manual Integrations
APPROVED

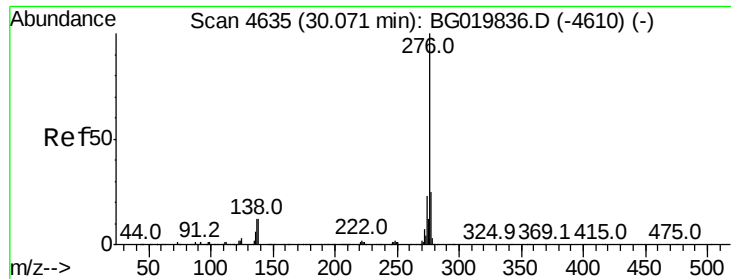
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#90
Dibenzo(a,h)anthracene
Concen: 41.91 ng
RT: 28.87 min Scan# 4430
Delta R.T. -0.09 min
Lab File: BG019936.D
Acq: 5 Dec 2015 11:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.2	13.8	20.6
279	25.0	19.4	29.0





#91
 Benzo(a,h,i)perylene
 Concen: 42.74 ng
 RT: 29.97 min Scan# 4618
 Delta R.T. -0.10 min
 Lab File: BG019936.D
 Acq: 5 Dec 2015 11:14

Instrument :
 BNA_G
 ClientSampleId :
 PB87014BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.8	18.4	27.6
138	16.0	17.4	26.0

Manual Integrations
 APPROVED

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