

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
 Data File : BG019107.D
 Acq On : 10 Oct 2015 8:35
 Operator : UM/NP
 Sample : PB85978BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS

Manual Integrations
 APPROVED

MMdadoda
 10/12/2015 7:00:53 PM

Quant Time: Oct 12 05:24:20 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 10 07:04:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	17934	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	78220	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	54057	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	142305	20.00	ng	0.00
75) Chrysene-d12	21.68	240	186376	20.00	ng	0.00
86) Perylene-d12	24.91	264	177842	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	115428	131.05	ng	0.00
7) Phenol-d6	7.20	99	171274	126.58	ng	0.00
23) Nitrobenzene-d5	9.19	82	113313	80.04	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	91729	124.52	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	268237	76.30	ng	0.00
78) Terphenyl-d14	20.02	244	568860	80.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	11254	30.38	ng	91
3) Pyridine	3.90	79	35305	31.17	ng	92
4) n-Nitrosodimethylamine	3.81	42	21876	34.07	ng	# 95
6) Aniline	7.36	93	34988	19.10	ng	97
8) 2-Chlorophenol	7.60	128	44415	40.18	ng	97
9) Benzaldehyde	7.17	77	23466	27.53	ng	96
10) Phenol	7.22	94	58444	41.48	ng	99
11) bis(2-Chloroethyl)ether	7.45	93	38748	36.39	ng	99
12) 1,3-Dichlorobenzene	7.92	146	43941	36.42	ng	95
13) 1,4-Dichlorobenzene	8.07	146	43818	35.49	ng	99
14) 1,2-Dichlorobenzene	8.38	146	43774	36.64	ng	98
15) Benzyl Alcohol	8.27	79	43847	36.27	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	83970	36.82	ng	98
17) 2-Methylphenol	8.47	107	40171	39.92	ng	96
18) Hexachloroethane	9.12	117	16594	35.27	ng	98
19) n-Nitroso-di-n-propylamine	8.83	70	35111	32.71	ng	96
20) 3+4-Methylphenols	8.80	107	56152	38.74	ng	99
22) Acetophenone	8.85	105	66171	36.18	ng	# 98
24) Nitrobenzene	9.24	77	54474	36.27	ng	94
25) Isophorone	9.75	82	101878	35.38	ng	98
26) 2-Nitrophenol	9.95	139	23641	36.92	ng	98
27) 2,4-Dimethylphenol	10.01	122	45115	40.31	ng	98
28) bis(2-Chloroethoxy)methane	10.24	93	56260	36.61	ng	98
29) 2,4-Dichlorophenol	10.48	162	47982	40.90	ng	95
30) 1,2,4-Trichlorobenzene	10.70	180	45246	35.93	ng	95
31) Naphthalene	10.89	128	137908	36.63	ng	97
32) Benzoic acid	10.13	122	20717	32.76	ng	89
33) 4-Chloroaniline	10.99	127	22599	12.92	ng	99
34) Hexachlorobutadiene	11.18	225	31060	35.97	ng	97
35) Caprolactam	11.76	113	16929m	39.17	ng	
36) 4-Chloro-3-methylphenol	12.12	107	57353	38.46	ng	99
37) 2-Methylnaphthalene	12.49	142	107132	36.63	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	57336	36.91	ng	98
40) Hexachlorocyclopentadiene	12.84	237	70959	87.80	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	40024	37.00	ng	94
43) 2,4,5-Trichlorophenol	13.17	196	44888	39.05	ng	99
45) 1,1'-Biphenyl	13.50	154	141757	36.11	ng	97
46) 2-Chloronaphthalene	13.54	162	110743	36.66	ng	97
47) 2-Nitroaniline	13.74	65	45434	37.46	ng	95
48) Acenaphthylene	14.38	152	192643	36.16	ng	98
49) Dimethylphthalate	14.11	163	156064	36.55	ng	99
50) 2,6-Dinitrotoluene	14.23	165	35033	38.41	ng	96
51) Acenaphthene	14.72	154	111766	34.89	ng	98
52) 3-Nitroaniline	14.56	138	17878	17.76	ng	99
53) 2,4-Dinitrophenol	14.77	184	40840	77.06	ng	90
54) Dibenzofuran	15.06	168	181016	38.24	ng	97
55) 4-Nitrophenol	14.87	139	64405	84.56	ng	98
56) 2,4-Dinitrotoluene	15.02	165	52578	39.65	ng	98
57) Fluorene	15.71	166	154823	37.71	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	44259	40.67	ng	100
59) Diethylphthalate	15.48	149	166261	37.49	ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	77930	37.25	ng	98
61) 4-Nitroaniline	15.72	138	41250	37.72	ng	91
62) Azobenzene	15.99	77	159464	38.77	ng	98
64) 4,6-Dinitro-2-methylphenol	15.78	198	31065	39.98	ng	94
65) n-Nitrosodiphenylamine	15.91	169	142593	36.25	ng	100
66) 4-Bromophenyl-phenylether	16.59	248	53836	37.23	ng	99
67) Hexachlorobenzene	16.72	284	63236	37.24	ng	97
68) Atrazine	16.86	200	64107	39.58	ng	97
69) Pentachlorophenol	17.06	266	76213	86.08	ng	97
70) Phenanthrene	17.45	178	280043	38.24	ng	98
71) Anthracene	17.54	178	288577	39.39	ng	99
72) Carbazole	17.81	167	275990	40.25	ng	97
73) Di-n-butylphthalate	18.37	149	332204	39.55	ng	99
74) Fluoranthene	19.46	202	388514	41.23	ng	99
76) Benzidine	19.64	184	123229	25.77	ng	99
77) Pyrene	19.82	202	397018	38.04	ng	100
79) Butylbenzylphthalate	20.71	149	162296	38.16	ng	98
80) Benzo(a)anthracene	21.66	228	380085	38.04	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	71524	19.35	ng	96
82) Chrysene	21.73	228	344162	36.29	ng	99
83) Bis(2-ethylhexyl)phthalate	21.58	149	222558	37.68	ng	98
84) Di-n-octyl phthalate	22.79	149	381363	37.38	ng	99
85) Indeno(1,2,3-cd)pyrene	28.58	276	423563	36.70	ng	99
87) Benzo(b)fluoranthene	23.88	252	371144	38.81	ng	99
88) Benzo(k)fluoranthene	23.95	252	365382	38.71	ng	98
89) Benzo(a)pyrene	24.76	252	362864	40.17	ng	99
90) Dibenzo(a,h)anthracene	28.66	278	373118	38.47	ng	96
91) Benzo(g,h,i)perylene	29.75	276	346550	38.42	ng	99

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

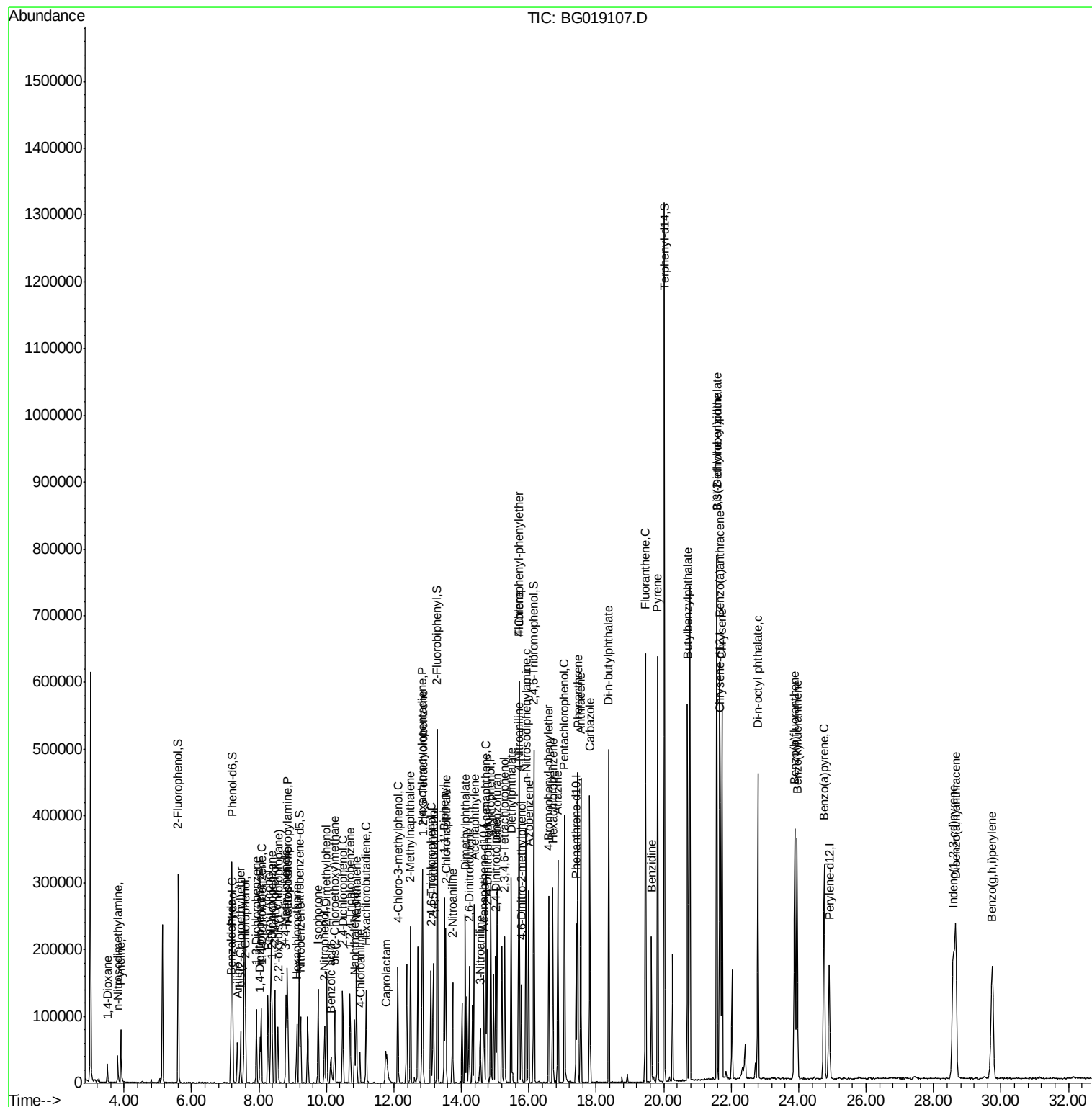
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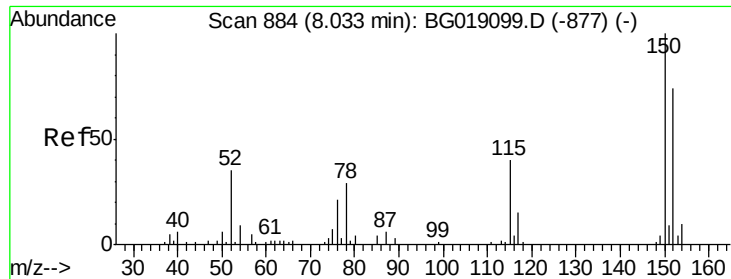
Instrument :
 BNA_G
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#1

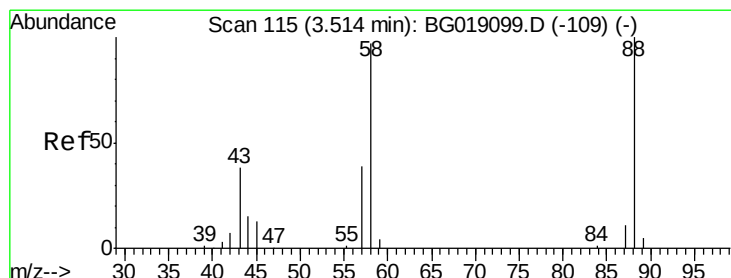
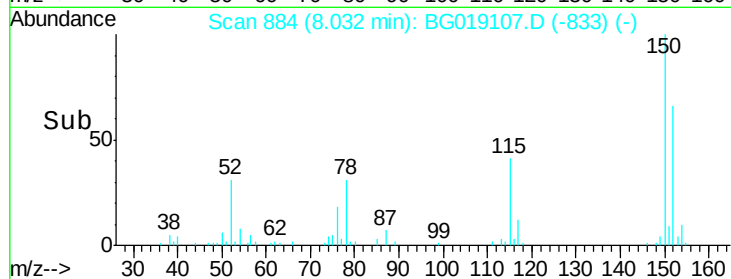
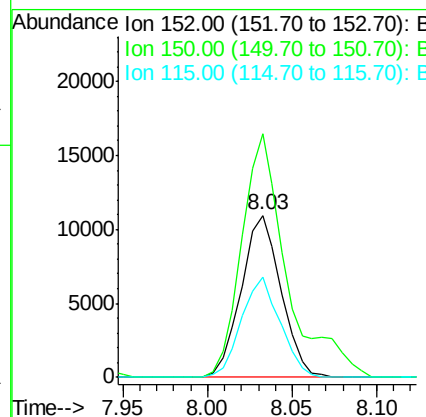
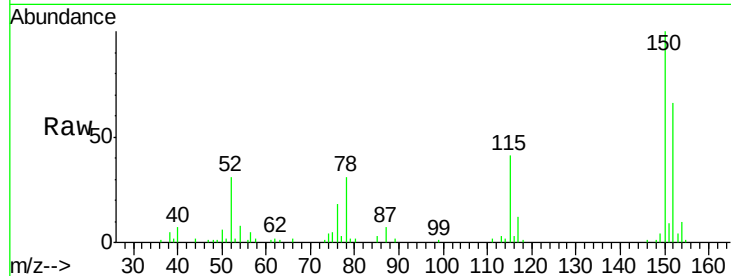
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Instrument :
BNA_G
ClientSampleId :
PB85978BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.4	108.2	162.2
115	62.2	43.2	64.8

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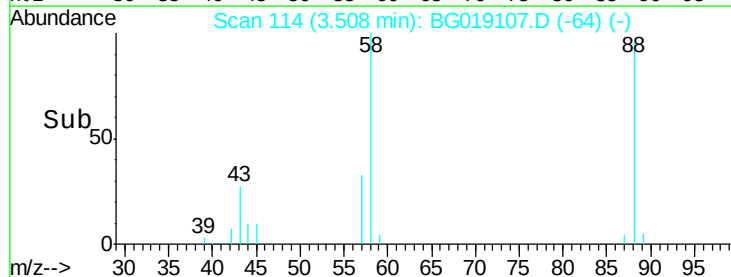
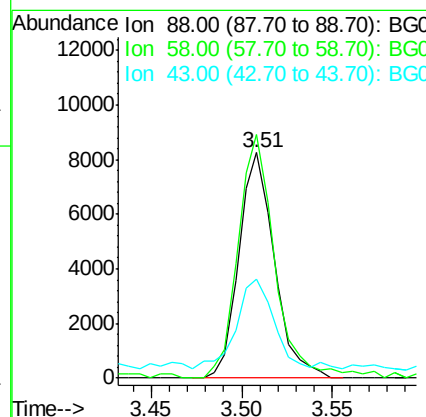
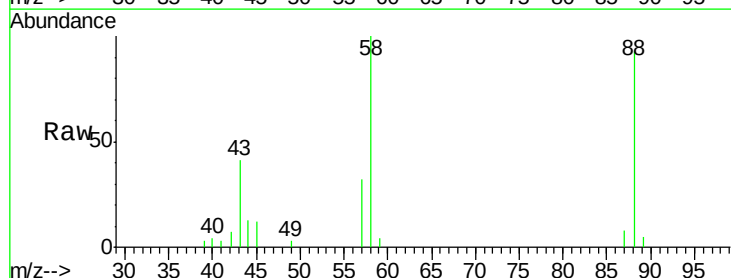
MMdadoda
10/12/2015 7:00:53 PM

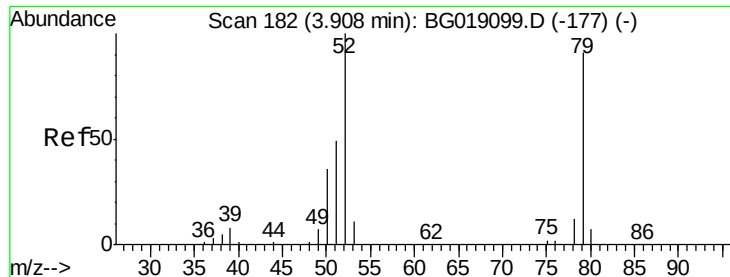


#2

1,4-Dioxane
Concen: 30.38 ng
RT: 3.51 min Scan# 114
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	112.3	81.1	121.7
43	41.8	31.0	46.6





#3

Pyridine

Concen: 31.17 ng

RT: 3.90 min Scan# 181

Delta R.T. -0.01 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

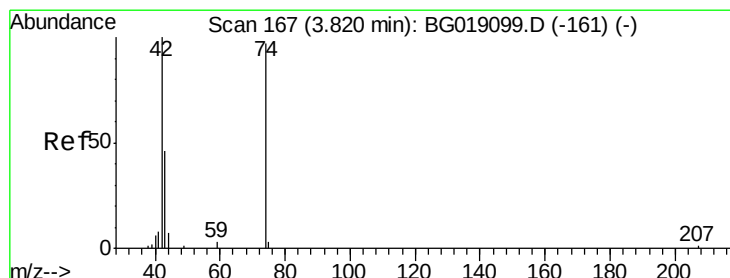
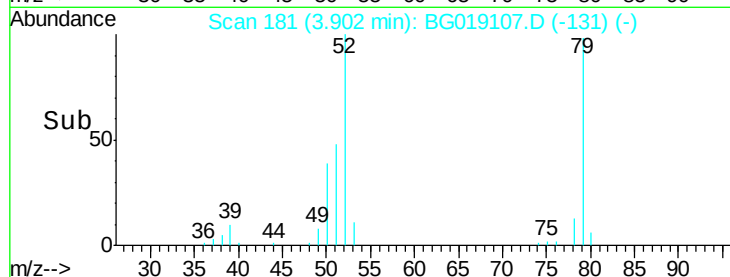
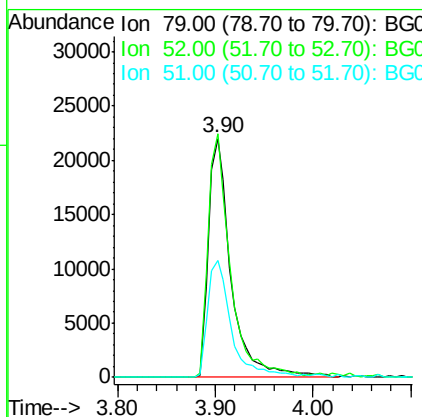
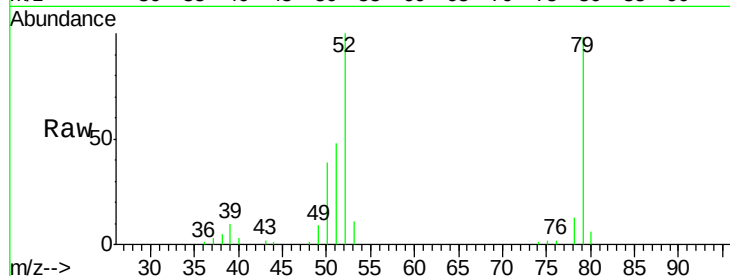
ClientSampleId :

PB85978BS

Manual Integrations
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Tgt Ion:	79	Resp:	35305
Ion	Ratio	Lower	Upper
79	100		
52	102.0	88.3	132.5
51	48.8	44.6	66.8



#4

n-Nitrosodimethylamine

Concen: 34.07 ng

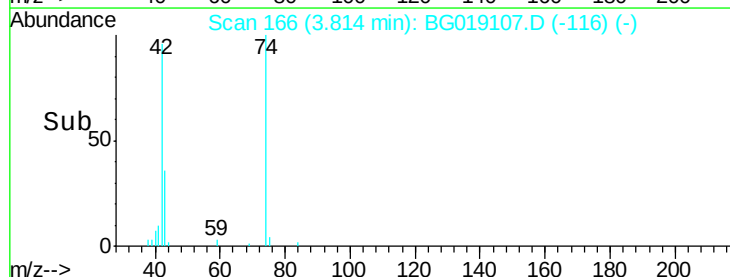
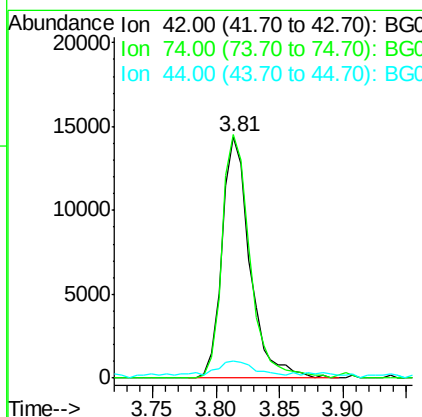
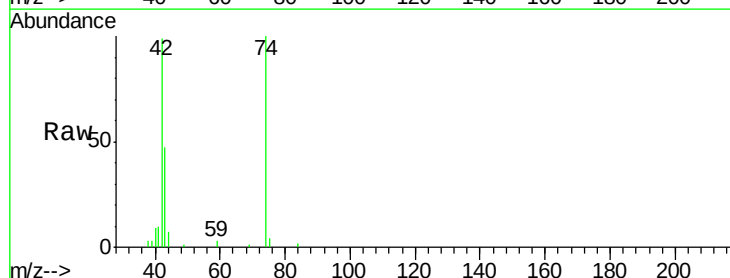
RT: 3.81 min Scan# 166

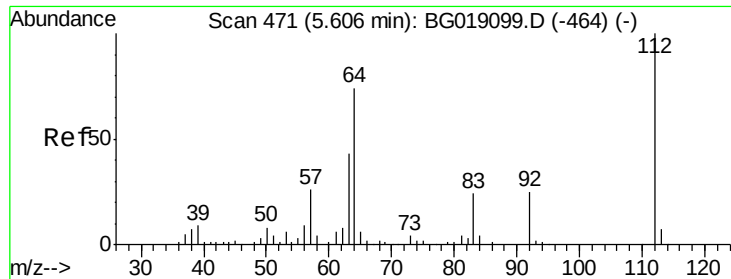
Delta R.T. -0.01 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Tgt Ion:	42	Resp:	21876
Ion	Ratio	Lower	Upper
42	100		
74	101.0	77.3	115.9
44	7.2	7.2	10.8#





#5

2-Fluorophenol

Concen: 131.05 ng

RT: 5.61 min Scan# 471

Delta R.T. -0.00 min

Lab File: BG019107.D

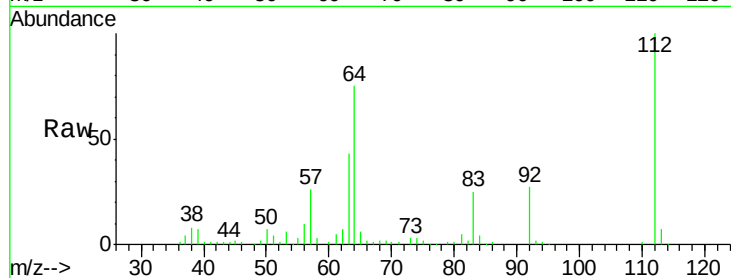
Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

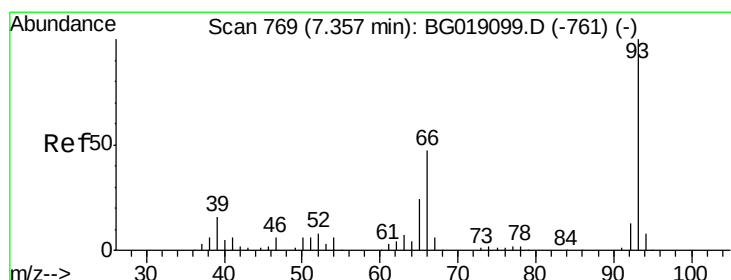
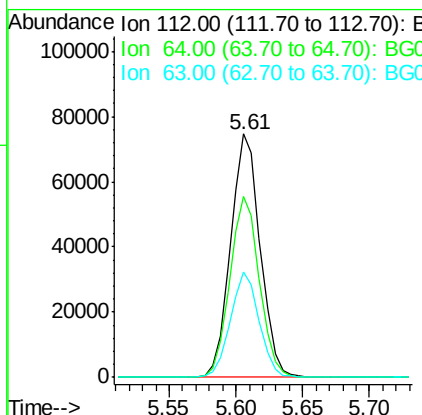
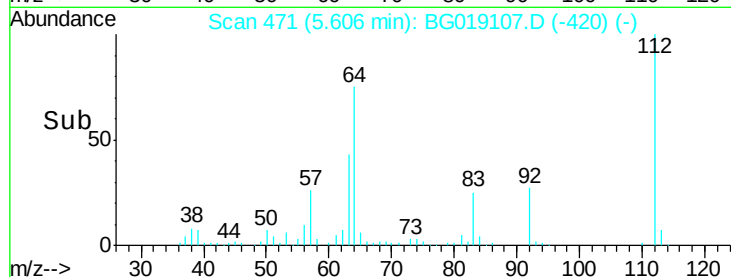
PB85978BS



Tgt Ion:	112	Resp:	115428
Ion Ratio	Lower	Upper	
112	100		
64	74.5	59.0	88.4
63	43.3	34.7	52.1

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#6

Aniline

Concen: 19.10 ng

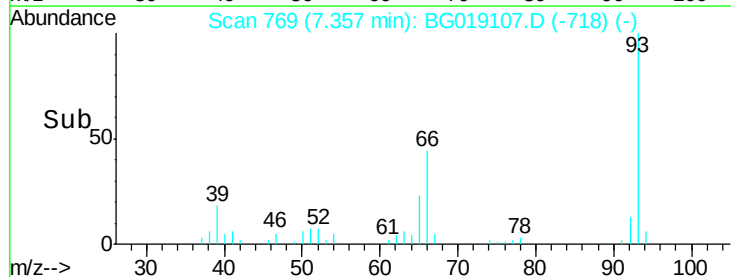
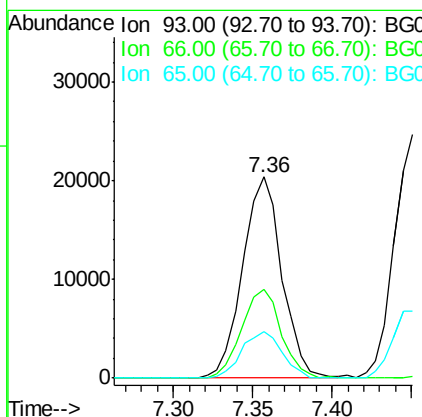
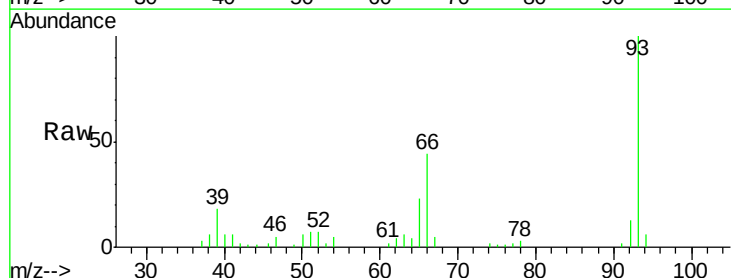
RT: 7.36 min Scan# 769

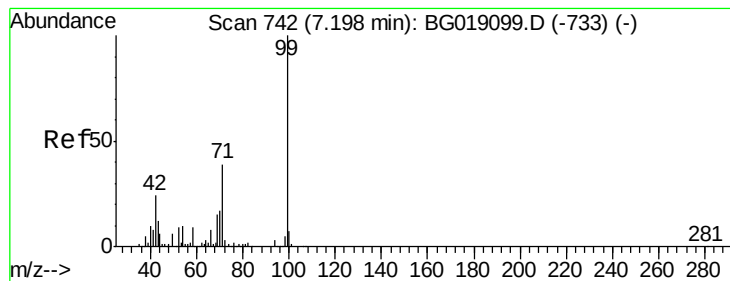
Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Tgt Ion:	93	Resp:	34988
Ion Ratio	Lower	Upper	
93	100		
66	44.2	37.4	56.2
65	23.4	19.6	29.4





#7

Phenol-d6

Concen: 126.58 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG019107.D

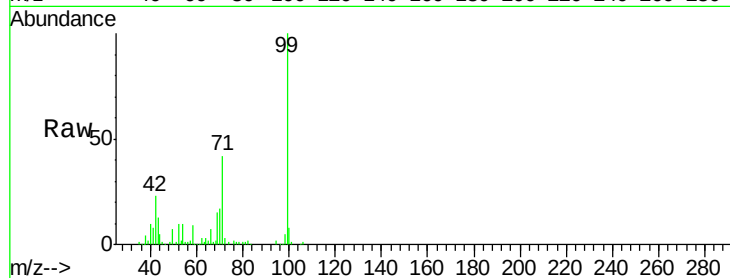
Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

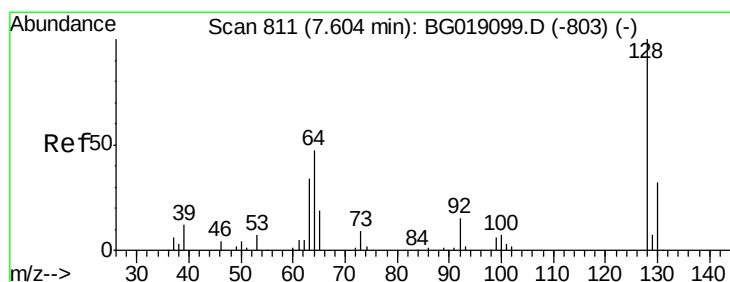
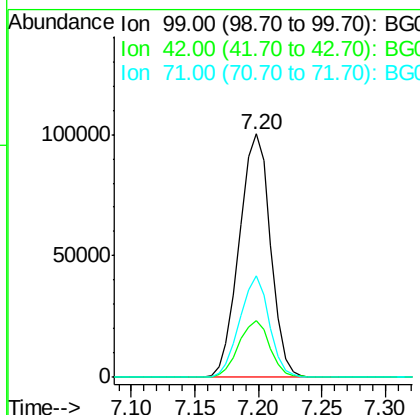
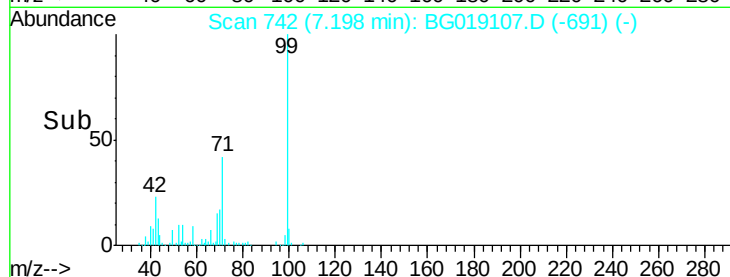
PB85978BS



Tgt Ion:	99	Resp:	171274
Ion	Ratio	Lower	Upper
99	100		
42	23.3	19.5	29.3
71	41.9	31.4	47.0

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#8

2-Chlorophenol

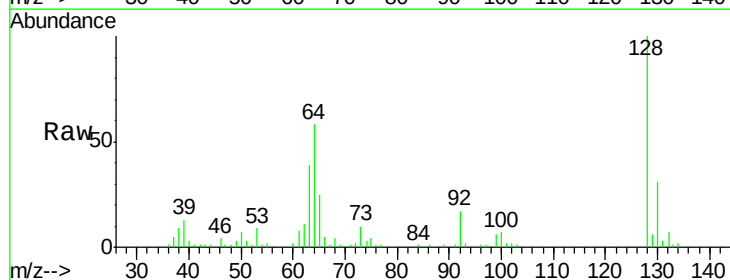
Concen: 40.18 ng

RT: 7.60 min Scan# 810

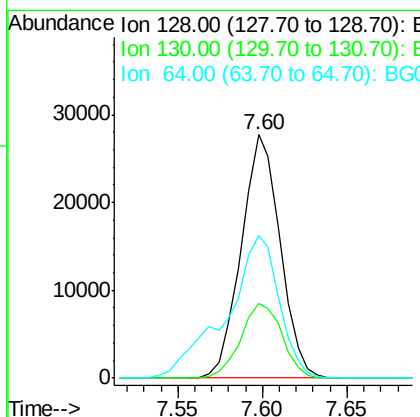
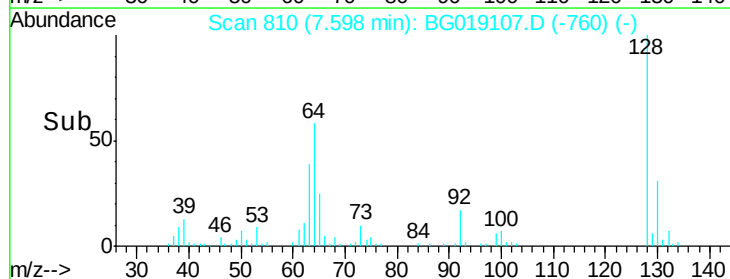
Delta R.T. -0.01 min

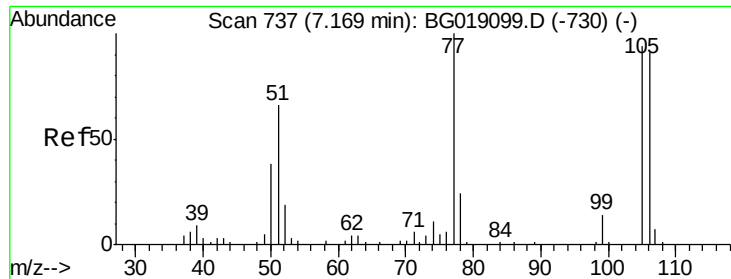
Lab File: BG019107.D

Acq: 10 Oct 2015 8:35



Tgt Ion:	128	Resp:	44415
Ion	Ratio	Lower	Upper
128	100		
130	30.6	12.3	52.3
64	58.4	35.8	75.8





#9

Benzaldehyde

Concen: 27.53 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG019107.D

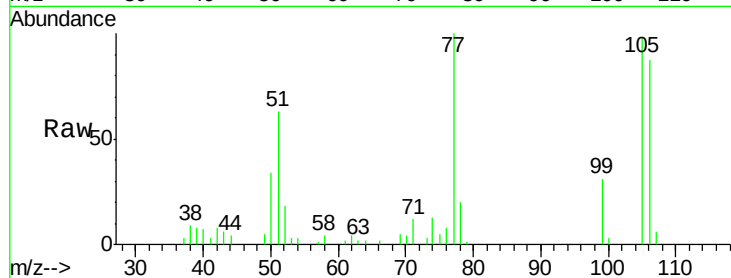
Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

PB85978BS



Tgt Ion: 77 Resp: 23466

Ion Ratio Lower Upper

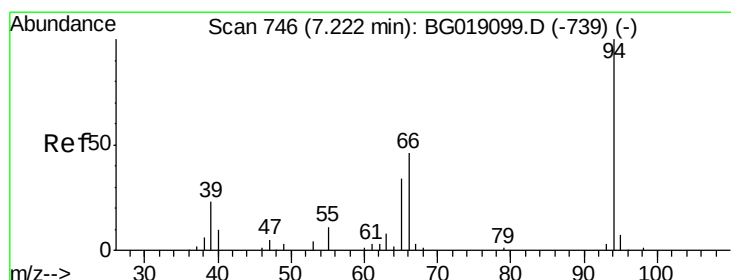
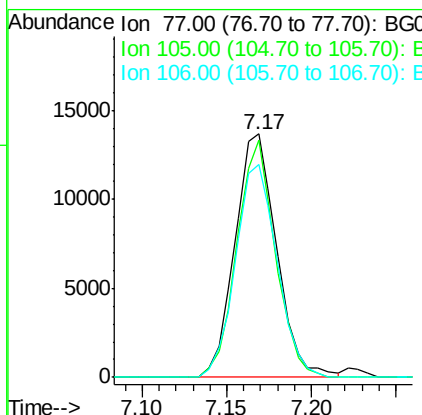
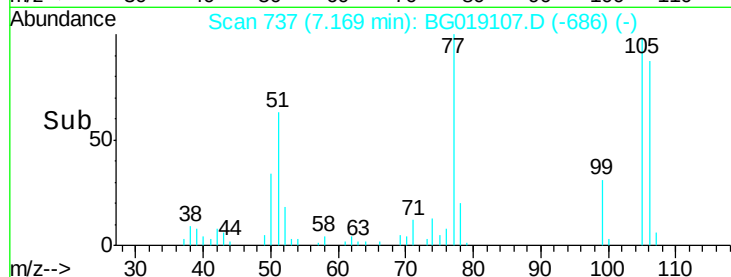
77 100

105 97.7 73.7 113.7

106 87.2 71.0 111.0

Manual Integrations
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#10

Phenol

Concen: 41.48 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

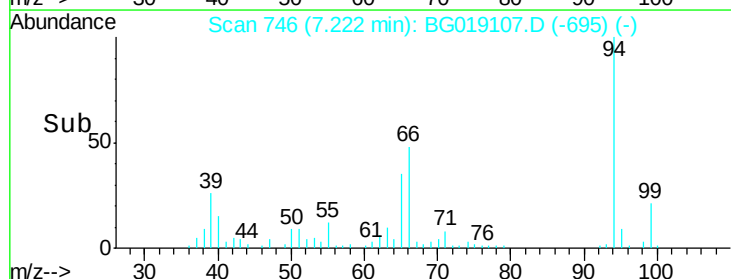
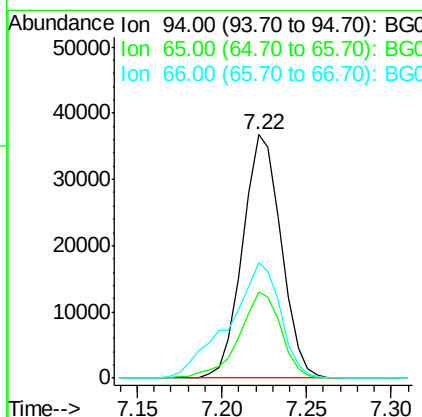
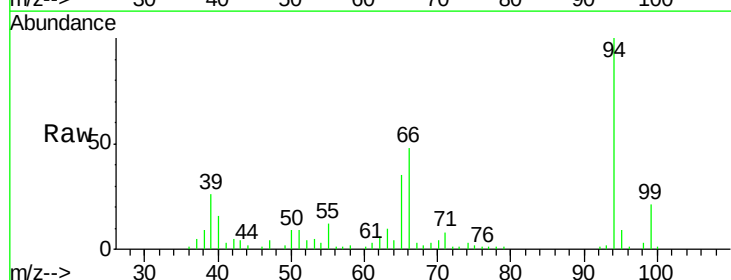
Tgt Ion: 94 Resp: 58444

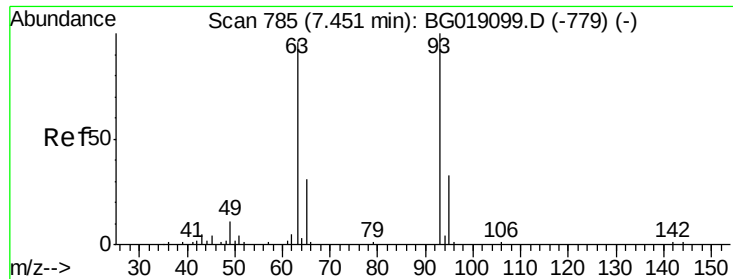
Ion Ratio Lower Upper

94 100

65 35.3 15.2 55.2

66 47.7 28.7 68.7





#11

bis(2-Chloroethyl)ether

Concen: 36.39 ng

RT: 7.45 min Scan# 785

Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

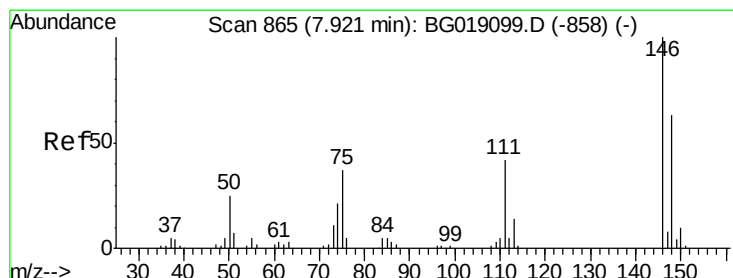
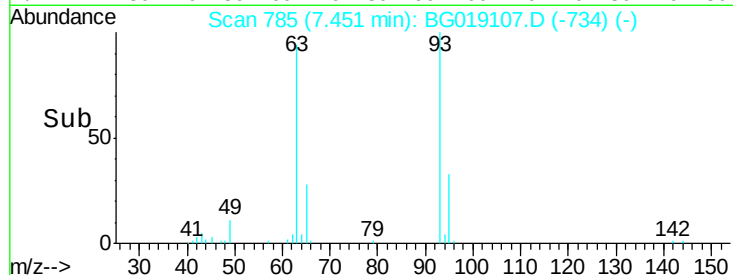
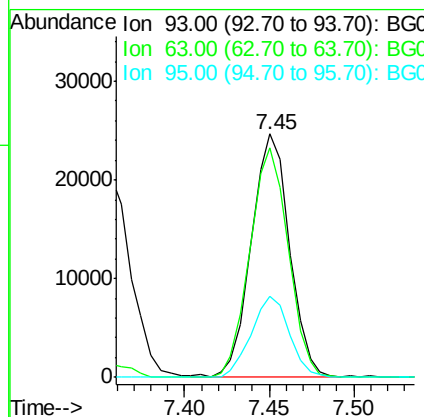
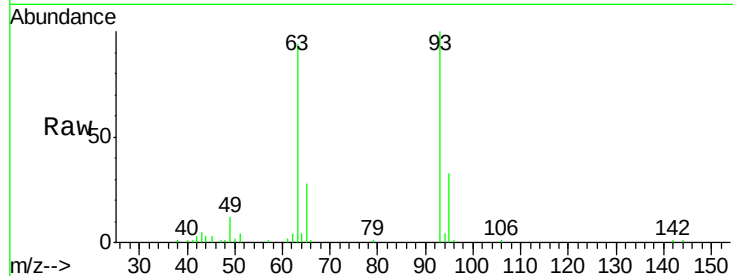
ClientSampleId :

PB85978BS

Tgt Ion:	93	Resp:	38748
Ion	Ratio	Lower	Upper
93	100		
63	94.3	75.3	115.3
95	33.3	12.9	52.9

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#12

1,3-Dichlorobenzene

Concen: 36.42 ng

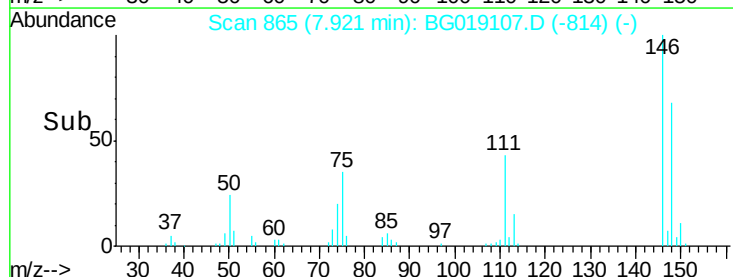
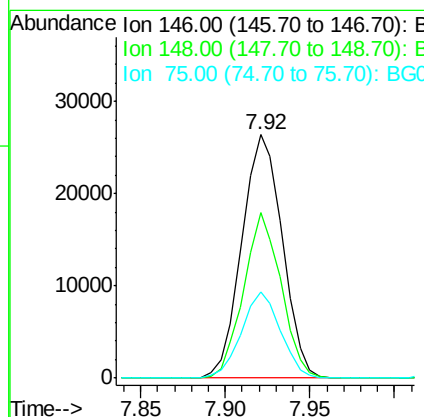
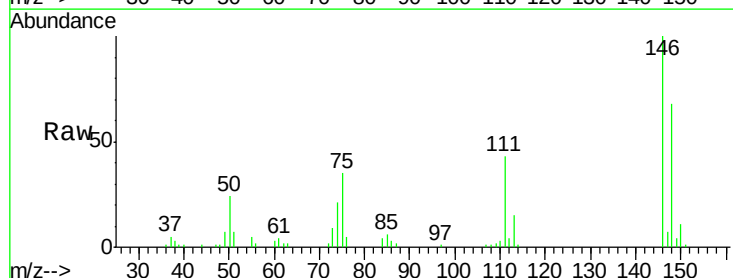
RT: 7.92 min Scan# 865

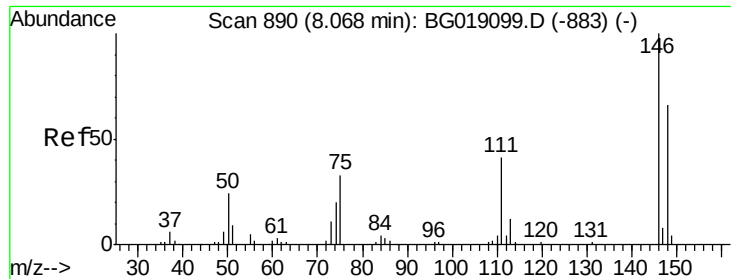
Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Tgt Ion:	146	Resp:	43941
Ion	Ratio	Lower	Upper
146	100		
148	67.8	50.2	75.4
75	35.2	29.3	43.9





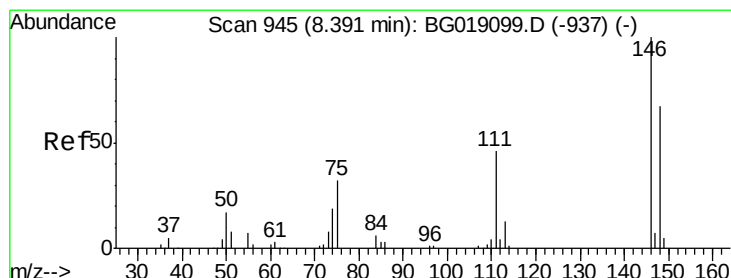
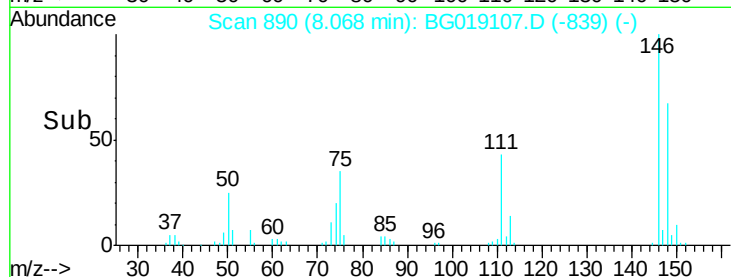
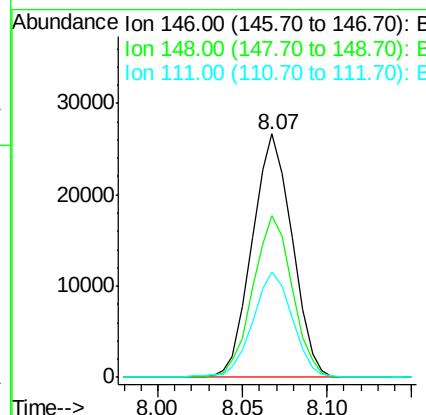
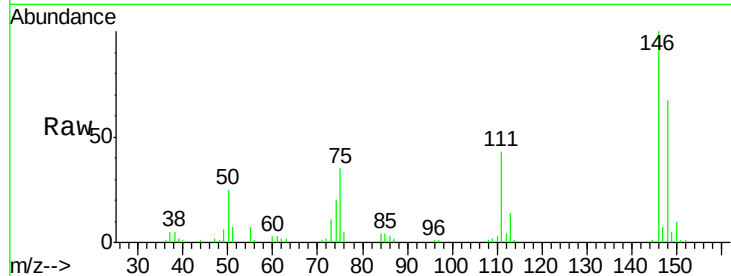
#13
 1,4-Dichlorobenzene
 Concen: 35.49 ng
 RT: 8.07 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	52.9	79.3
111	43.1	33.1	49.7

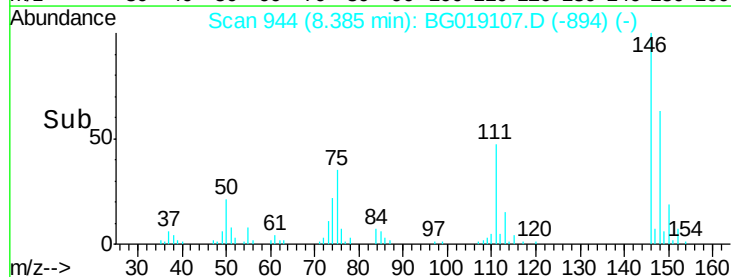
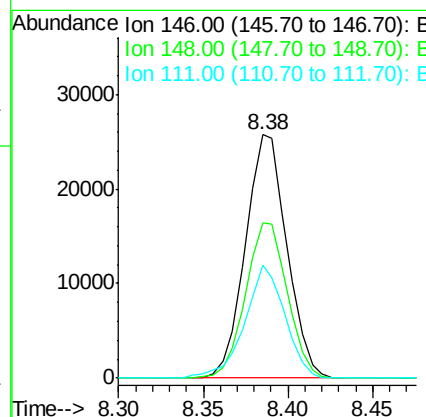
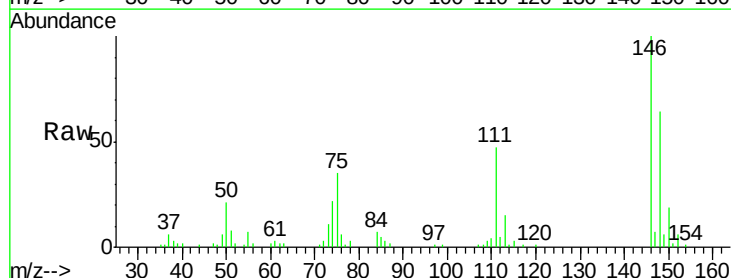
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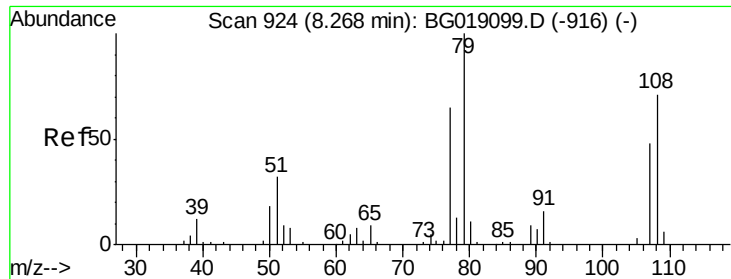
MMdadoda
 10/12/2015 7:00:53 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.64 ng
 RT: 8.38 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	53.6	80.4
111	46.6	37.3	55.9





#15

Benzyl Alcohol

Concen: 36.27 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

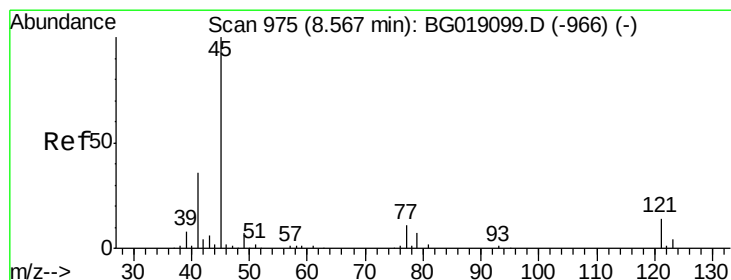
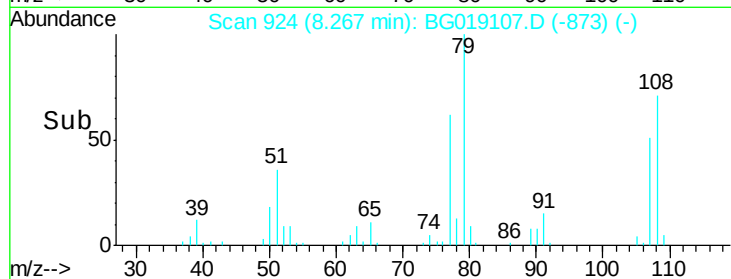
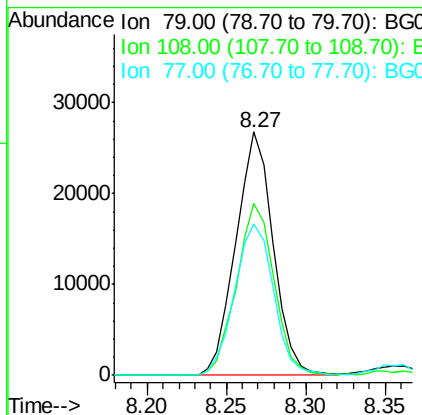
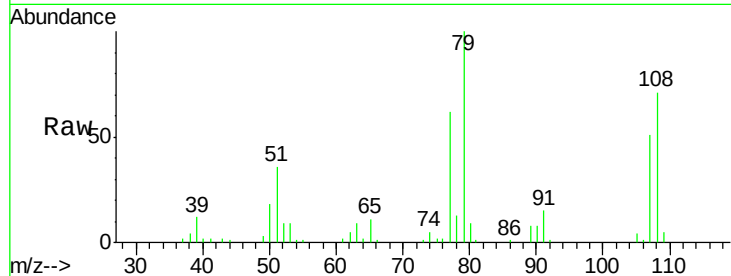
ClientSampleId :

PB85978BS

Tgt Ion:	79	Resp:	43847
Ion	Ratio	Lower	Upper
79	100		
108	70.6	56.6	84.8
77	62.0	51.6	77.4

Manual Integrations
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MMdadoda
10/12/2015 7:00:53 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.82 ng

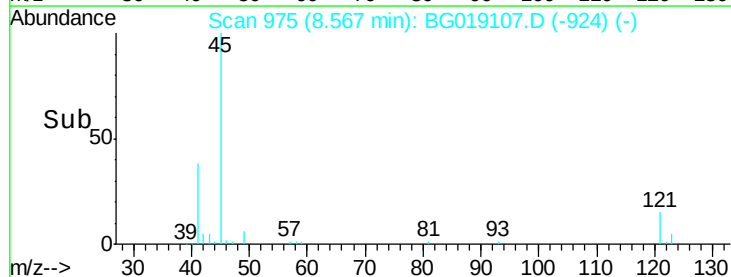
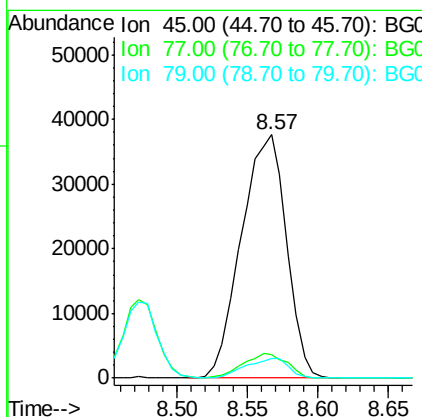
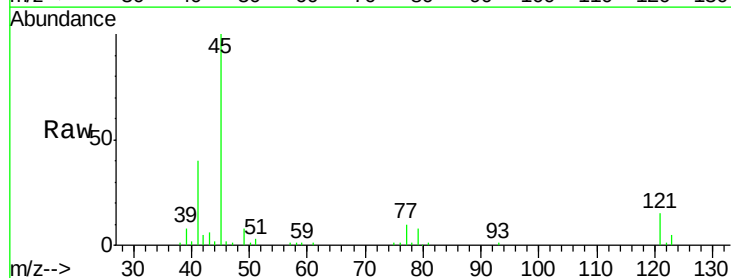
RT: 8.57 min Scan# 975

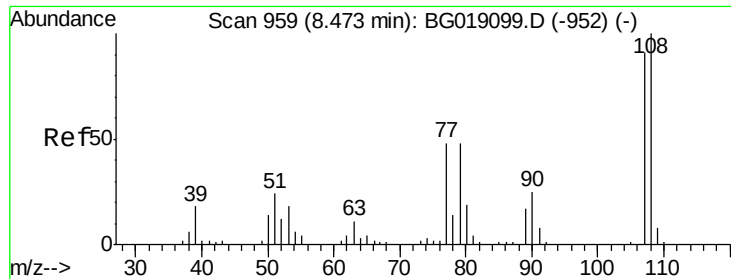
Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

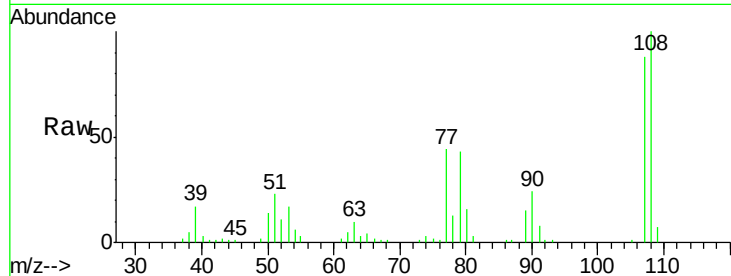
Tgt Ion:	45	Resp:	83970
Ion	Ratio	Lower	Upper
45	100		
77	9.8	0.0	30.8
79	7.8	0.0	27.5





#17
2-Methylphenol
Concen: 39.92 ng
RT: 8.47 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

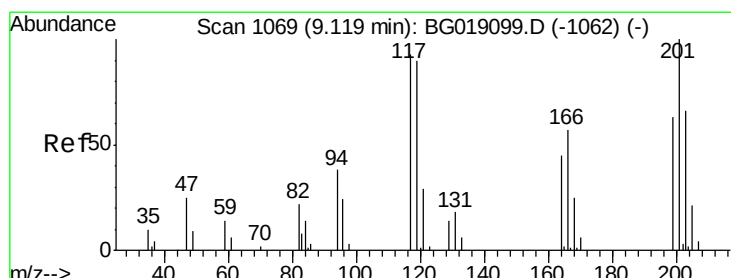
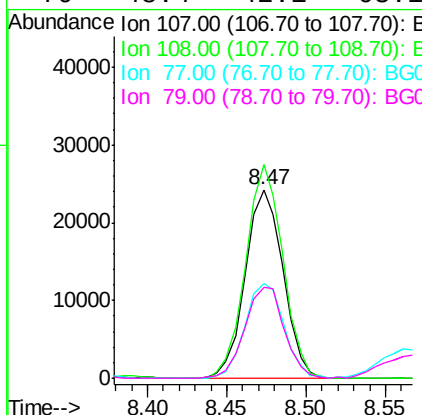
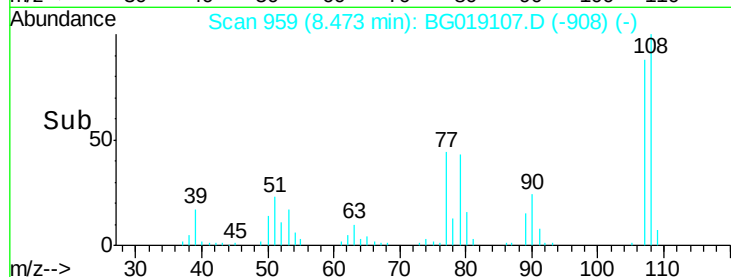
Instrument :
BNA_G
ClientSampleId :
PB85978BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	40171		
108	113.3	87.7	131.5	
77	50.4	42.2	63.2	
79	48.4	42.1	63.1	

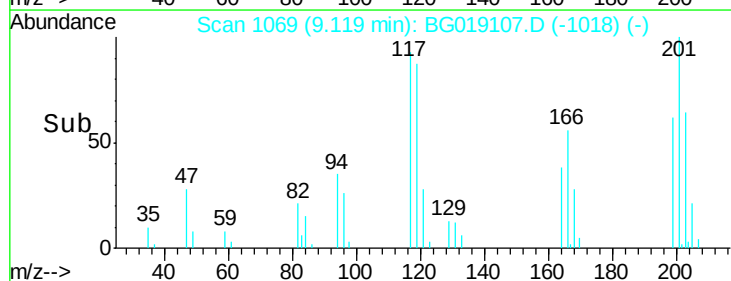
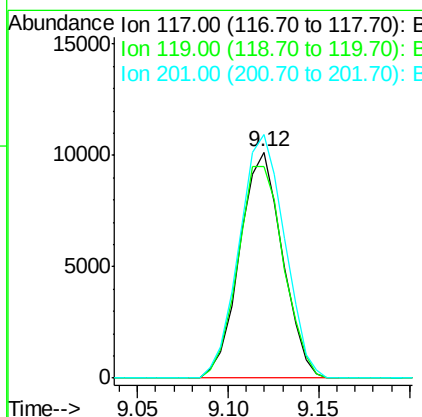
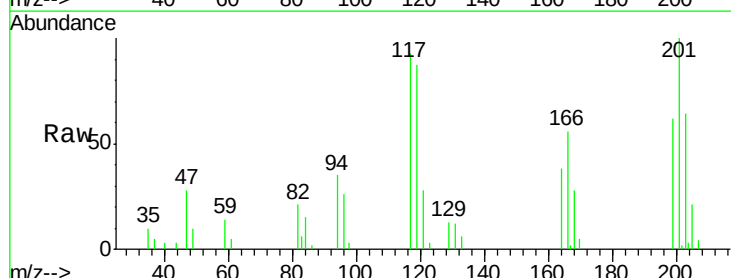
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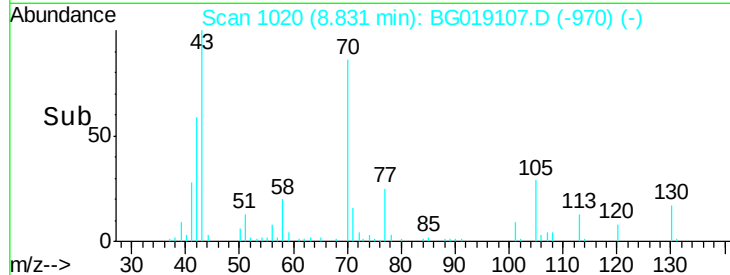
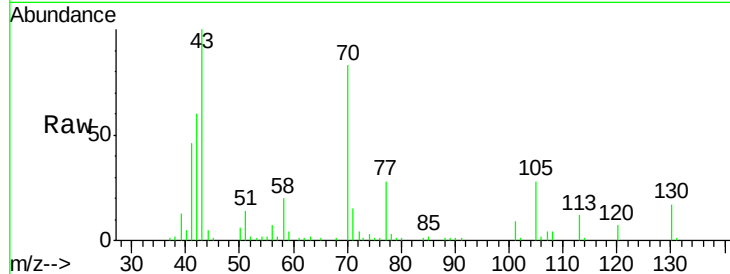
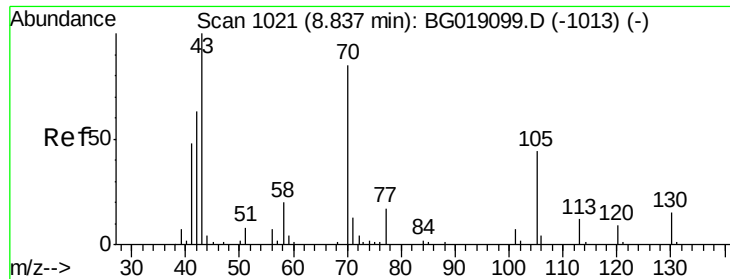
MMdadoda
10/12/2015 7:00:53 PM



#18
Hexachloroethane
Concen: 35.27 ng
RT: 9.12 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	16594		
119	93.7	77.0	115.4	
201	107.7	85.6	128.4	





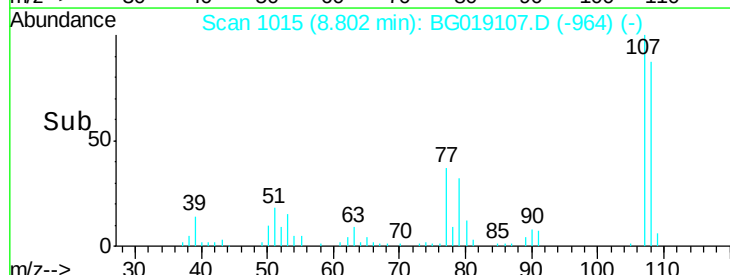
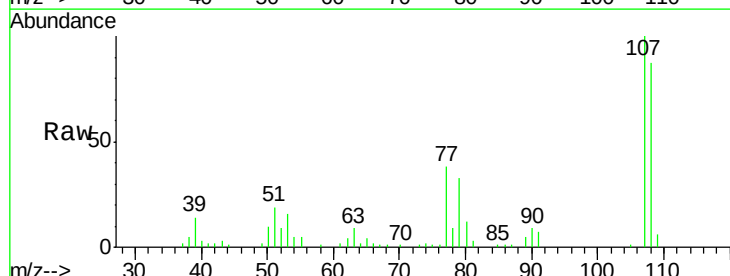
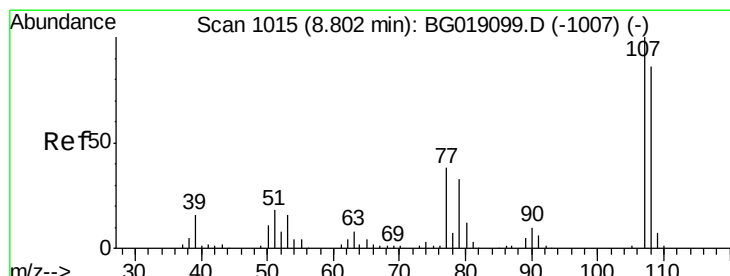
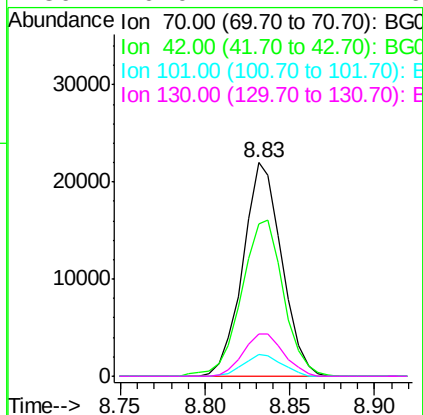
#19
n-Nitroso-di-n-propylamine
Concen: 32.71 ng
RT: 8.83 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Instrument :
BNA_G
ClientSampleId :
PB85978BS

Manual Integrations
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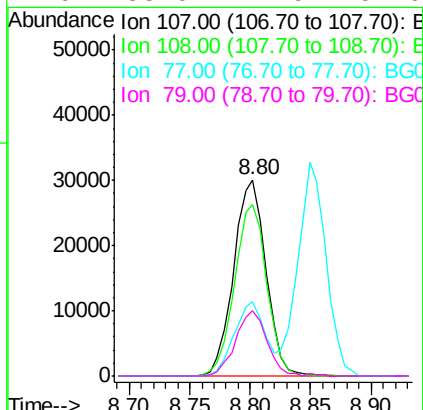
MMdadoda
10/12/2015 7:00:53 PM

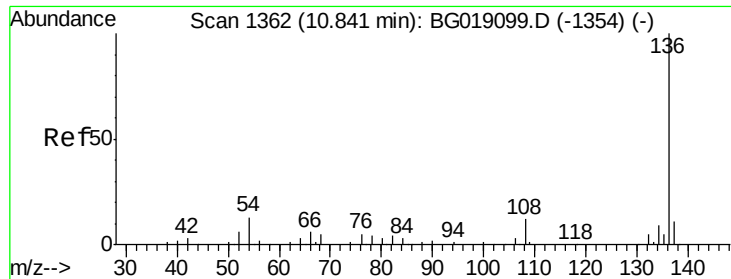
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	71.5	59.8	89.8	
101	10.4	7.0	10.4	
130	20.0	14.4	21.6	



#20
3+4-Methylphenols
Concen: 38.74 ng
RT: 8.80 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.2	66.2	106.2	
77	37.6	17.8	57.8	
79	33.0	12.9	52.9	





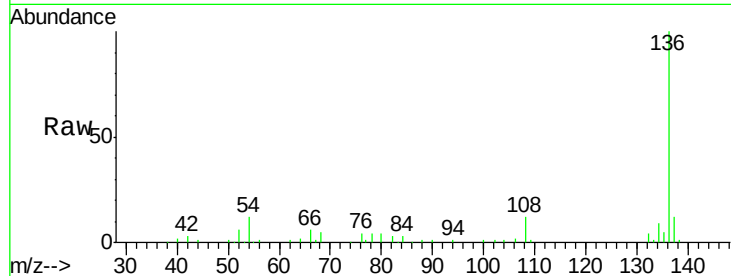
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Instrument :
BNA_G
ClientSampleId :
PB85978BS

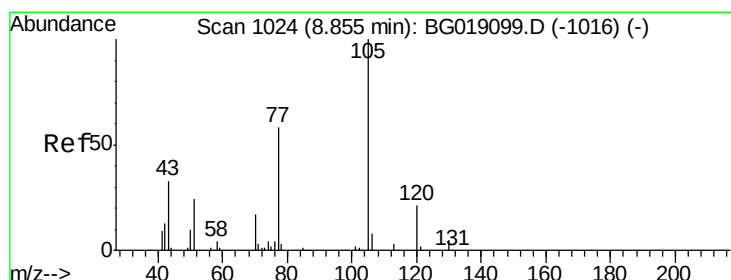
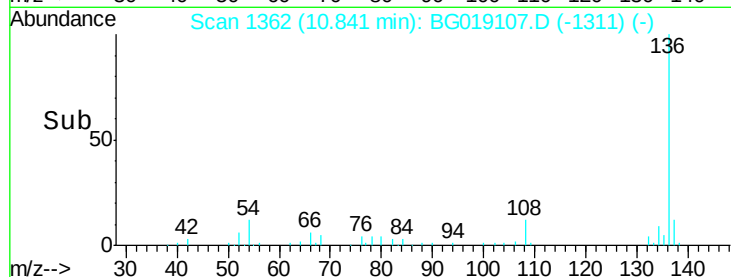
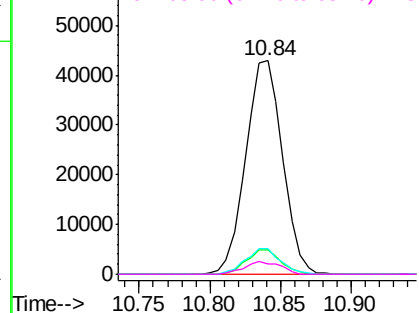
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.6	9.0	13.4
54	11.8	10.1	15.1
68	5.1	4.4	6.6

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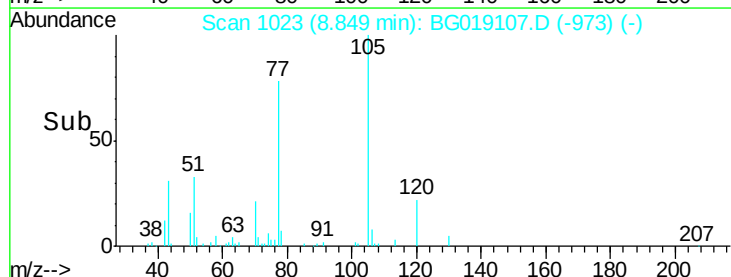
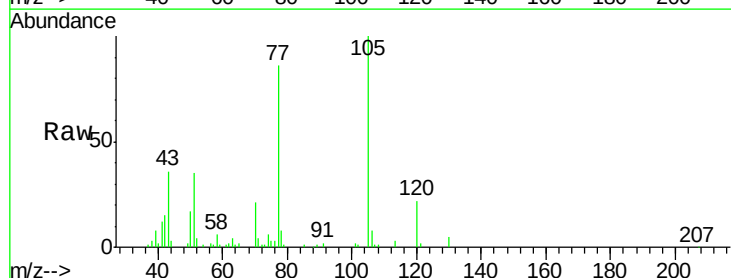
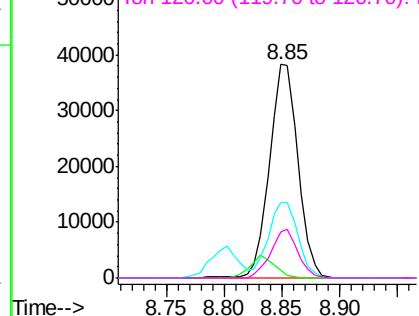
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

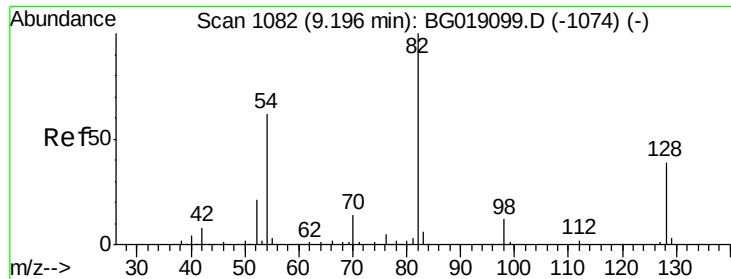


#22
Acetophenone
Concen: 36.18 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	3.6	2.2	3.2#
51	35.3	29.2	43.8
120	21.7	16.6	24.8

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





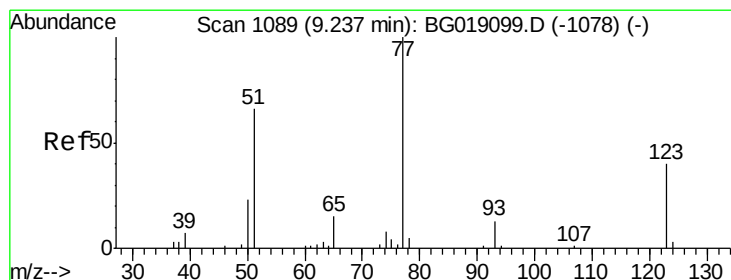
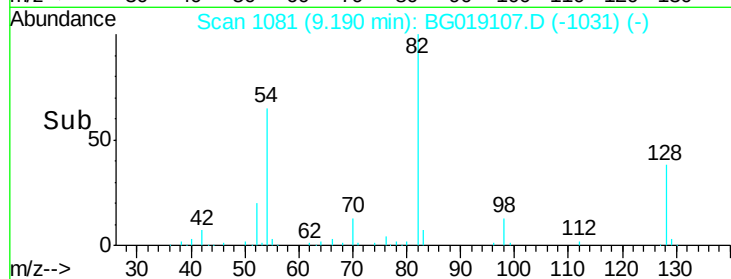
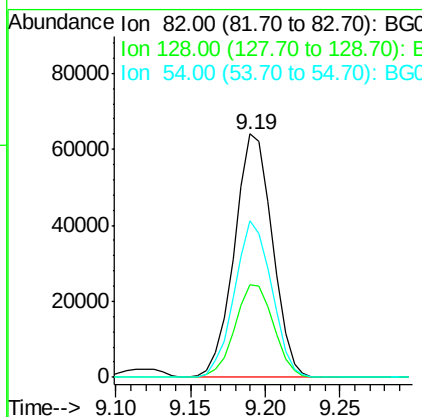
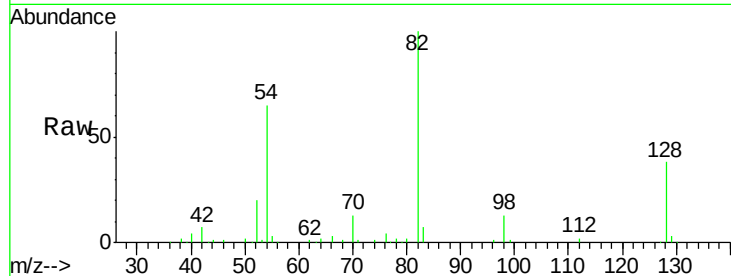
#23
 Nitrobenzene-d5
 Concen: 80.04 ng
 RT: 9.19 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	113313		
128	38.2	31.4	47.2	
54	64.5	50.0	75.0	

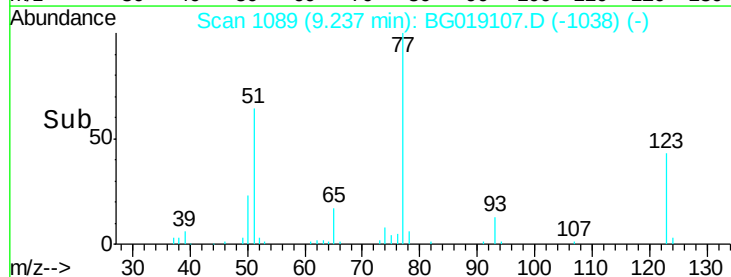
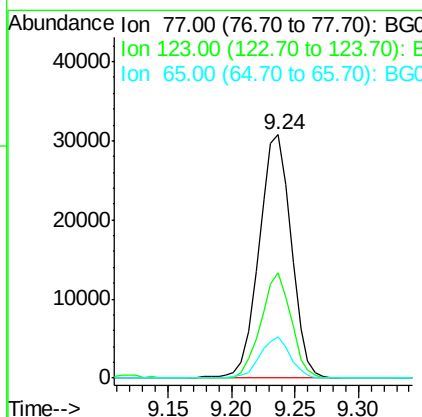
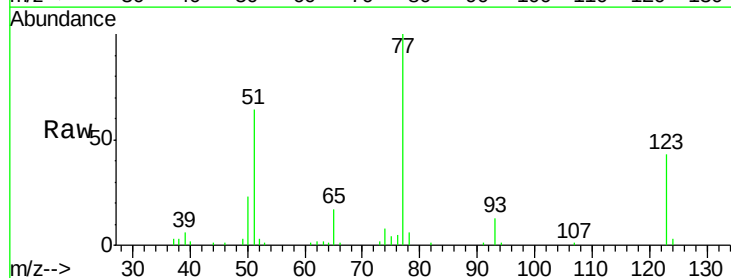
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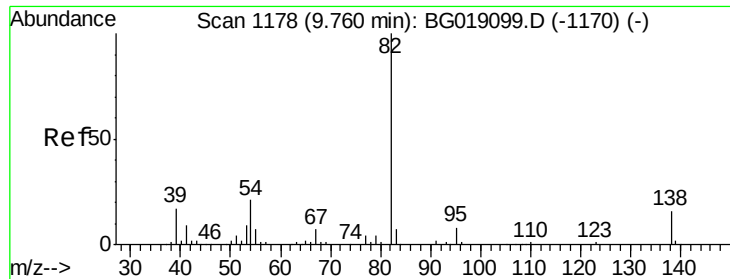
MMdadoda
 10/12/2015 7:00:53 PM



#24
 Nitrobenzene
 Concen: 36.27 ng
 RT: 9.24 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	54474		
123	43.3	31.8	47.6	
65	17.1	11.8	17.6	





#25

Isophorone

Concen: 35.38 ng

RT: 9.75 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

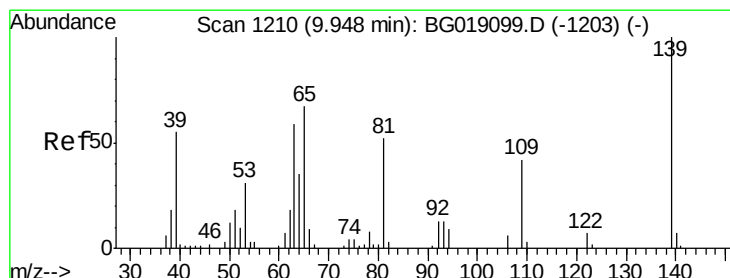
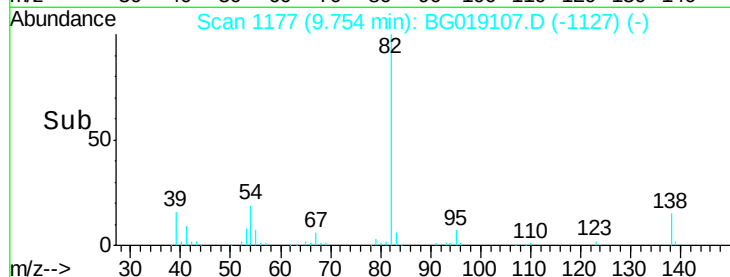
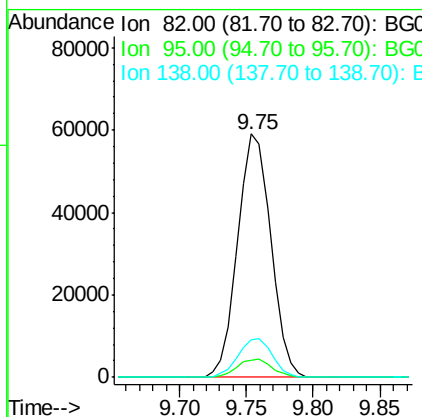
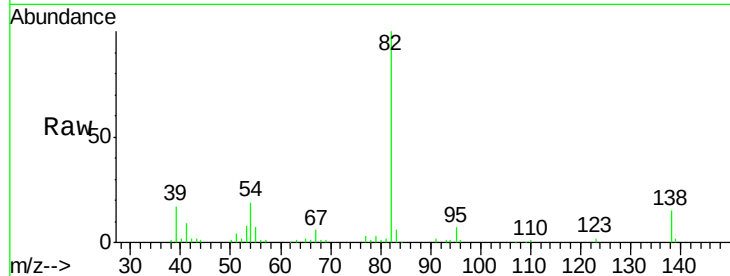
ClientSampleId :

PB85978BS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
95	7.1	6.7	10.1
138	15.4	12.6	19.0

Manual Integrations
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MMdadoda
10/12/2015 7:00:53 PM



#26

2-Nitrophenol

Concen: 36.92 ng

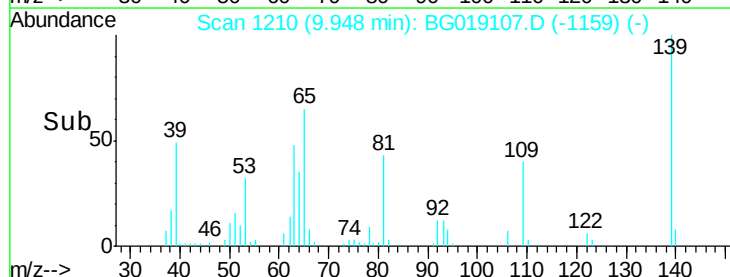
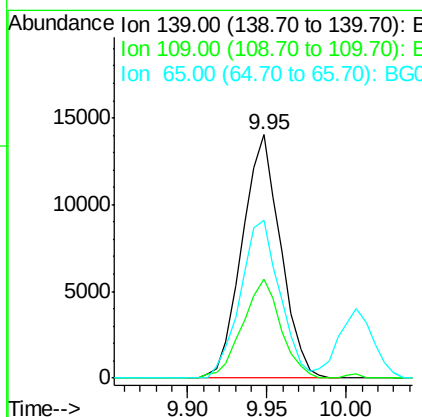
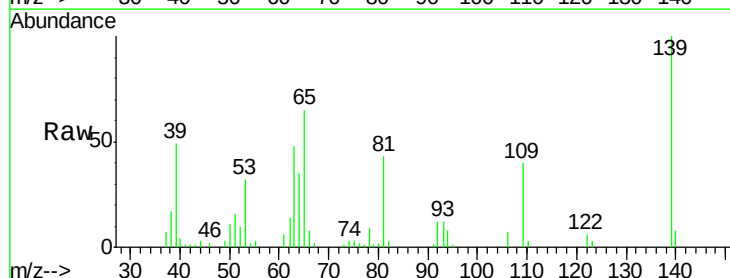
RT: 9.95 min Scan# 1210

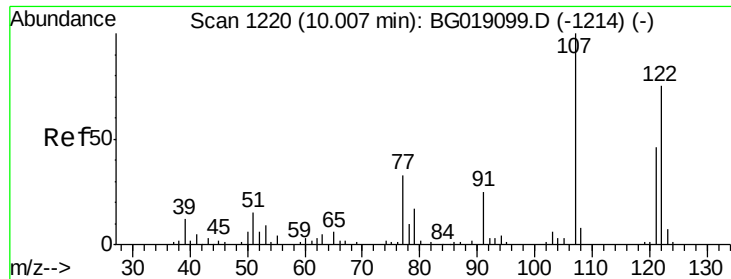
Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

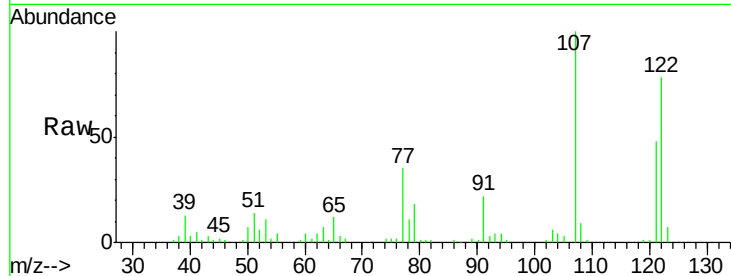
Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	40.5	33.3	49.9
65	65.1	53.6	80.4





#27
 2,4-Dimethylphenol
 Concen: 40.31 ng
 RT: 10.01 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

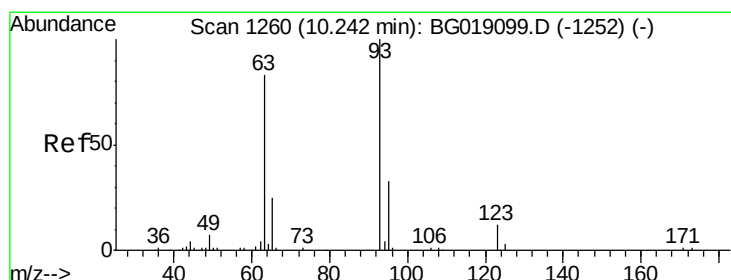
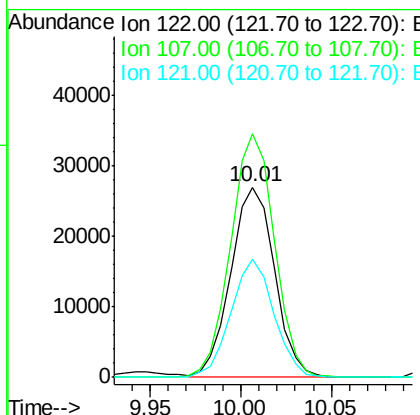
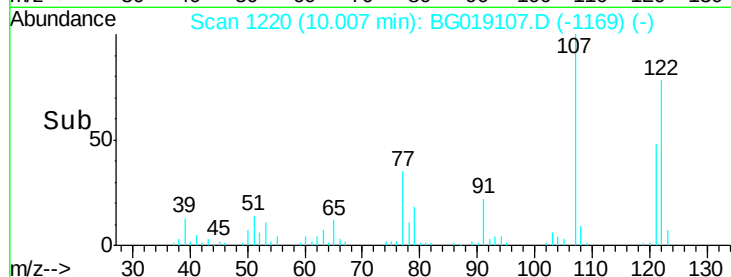
Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	45115		
107	128.3	105.1	157.7	
121	62.2	48.7	73.1	

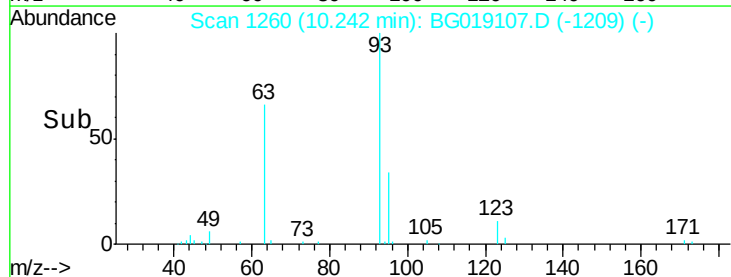
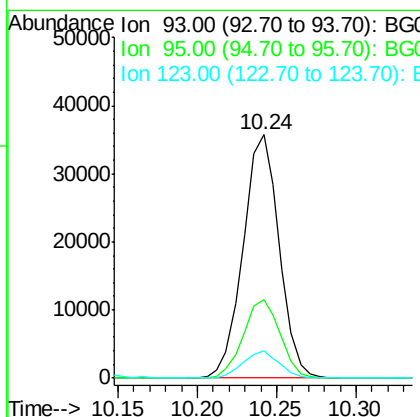
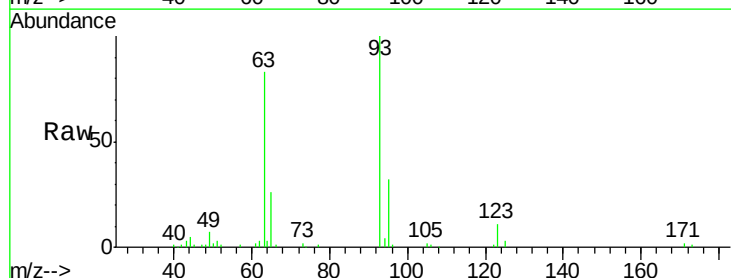
Manual Integrations
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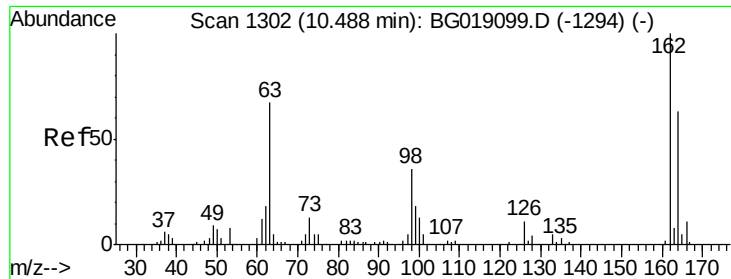
MMdadoda
 10/12/2015 7:00:53 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.61 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	56260		
95	32.2	26.5	39.7	
123	11.4	9.4	14.2	





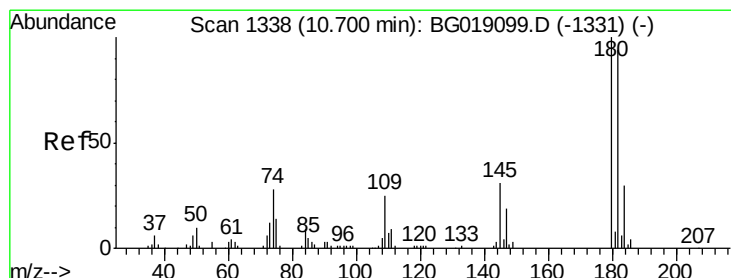
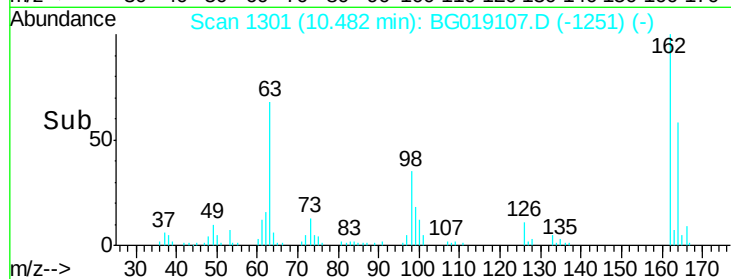
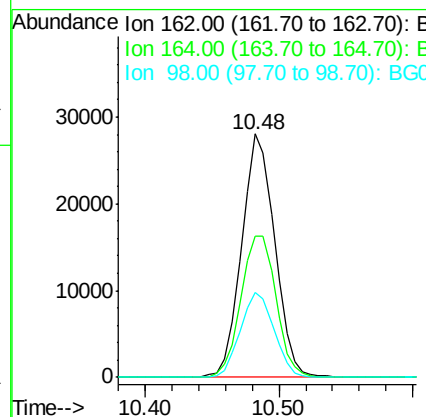
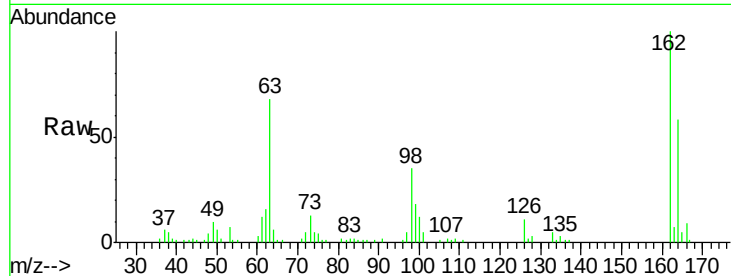
#29
 2,4-Dichlorophenol
 Concen: 40.90 ng
 RT: 10.48 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	58.2	42.8	82.8
98	34.7	16.1	56.1

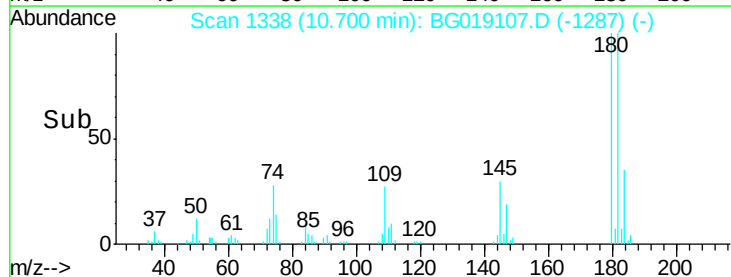
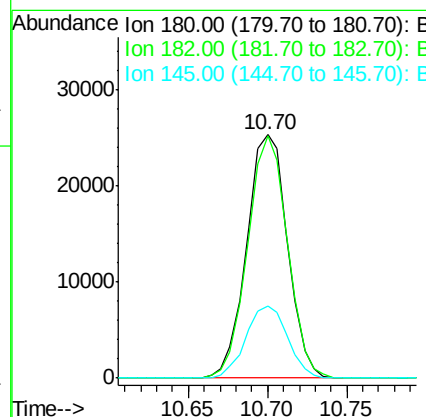
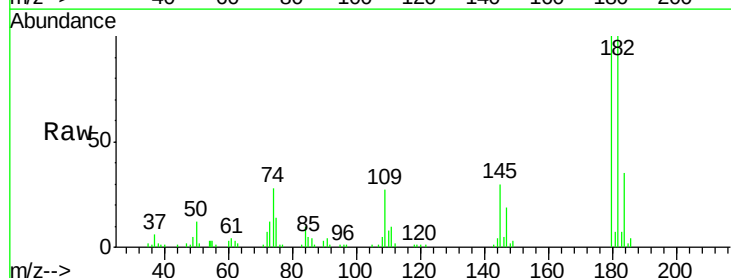
Manual Integrations
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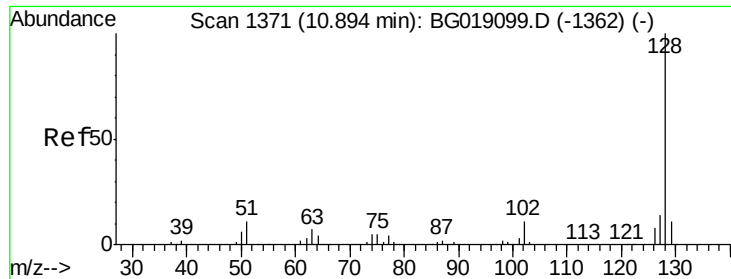
MMdadoda
 10/12/2015 7:00:53 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 35.93 ng
 RT: 10.70 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	99.8	75.3	112.9
145	29.6	24.9	37.3





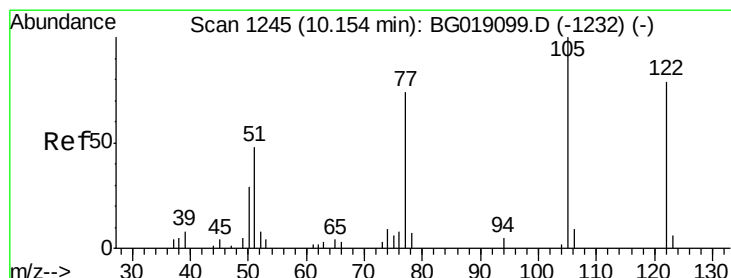
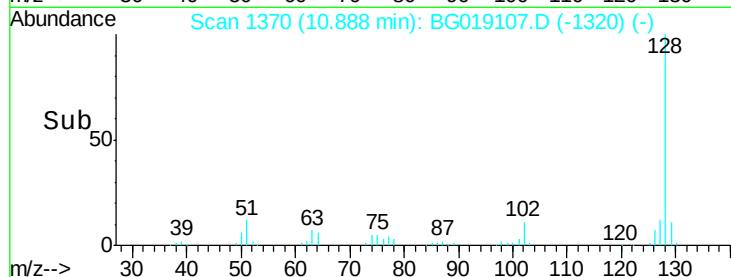
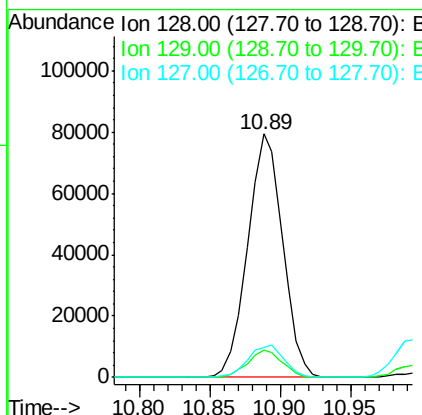
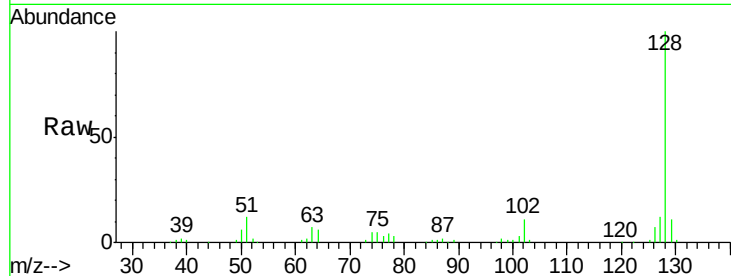
#31
Naphthalene
Concen: 36.63 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Instrument :
BNA_G
ClientSampleId :
PB85978BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.2	8.6	12.8
127	12.5	11.4	17.0

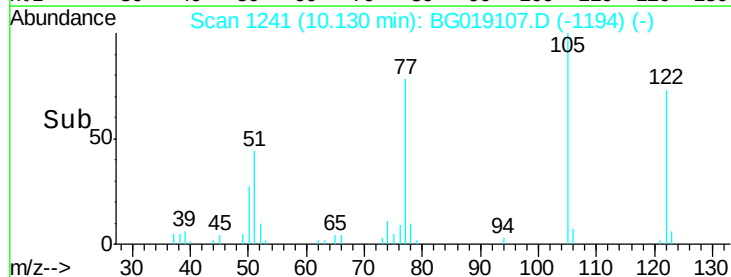
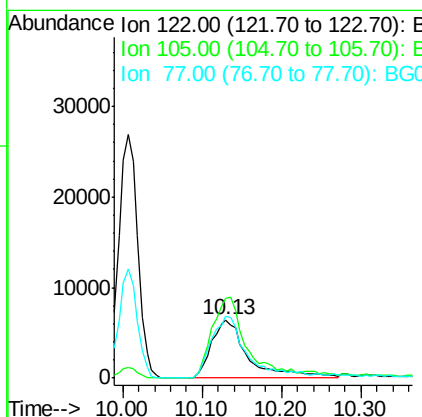
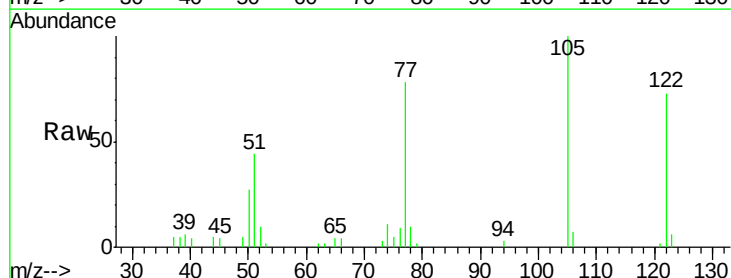
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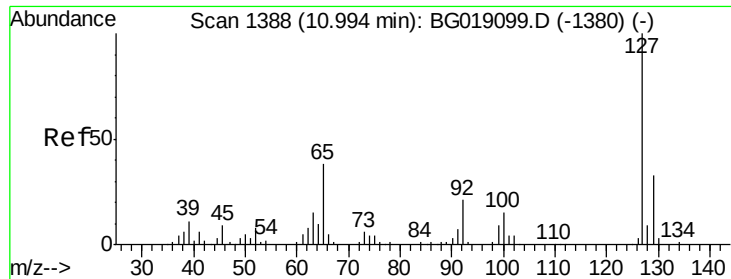
MMdadoda
10/12/2015 7:00:53 PM



#32
Benzoic acid
Concen: 32.76 ng
RT: 10.13 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	137.3	107.0	147.0
77	106.6	73.4	113.4





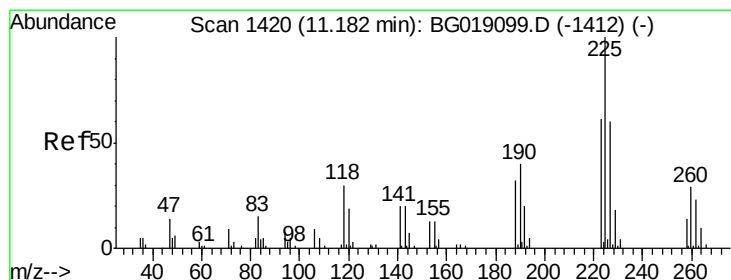
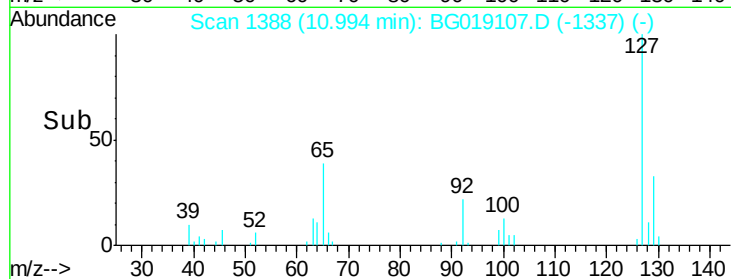
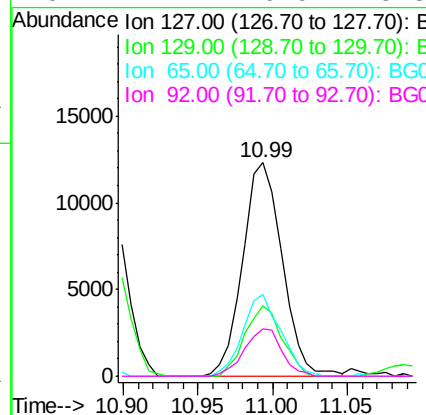
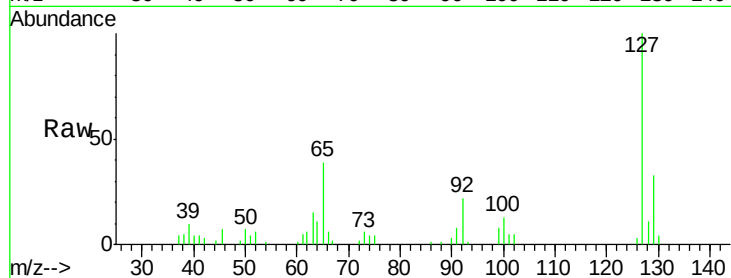
#33
4-Chloroaniline
Concen: 12.92 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Instrument :
BNA_G
ClientSampleId :
PB85978BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.2	39.2
65	38.7	30.4	45.6
92	22.2	16.9	25.3

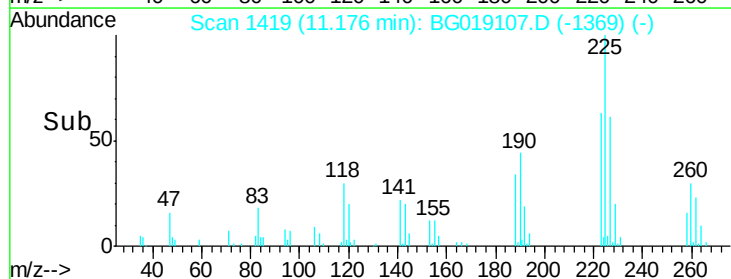
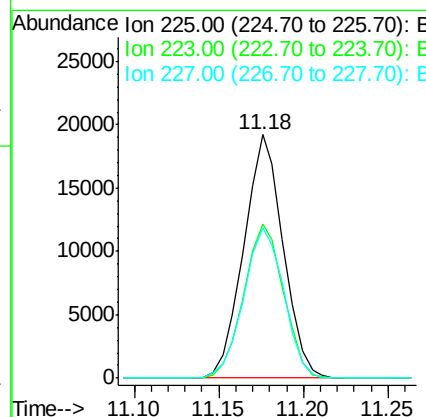
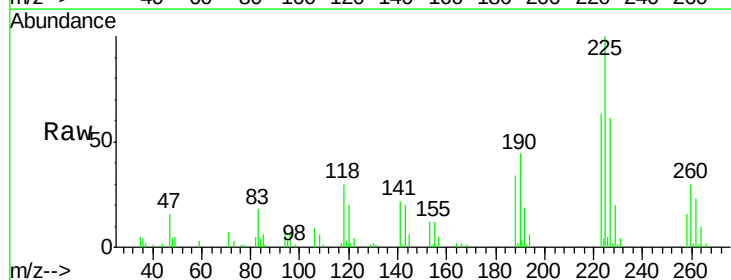
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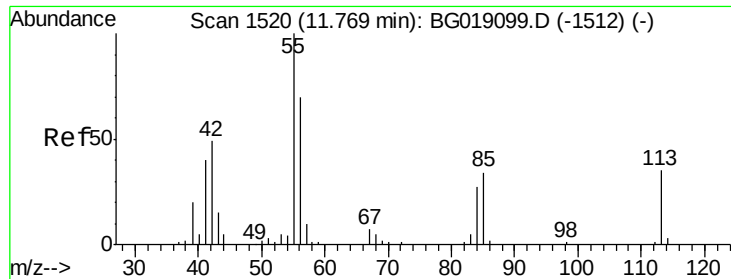
MMdadoda
10/12/2015 7:00:53 PM



#34
Hexachlorobutadiene
Concen: 35.97 ng
RT: 11.18 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	48.6	72.8
227	61.5	48.1	72.1





#35

Caprolactam

Concen: 39.17 ng m

RT: 11.76 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BG019107.D

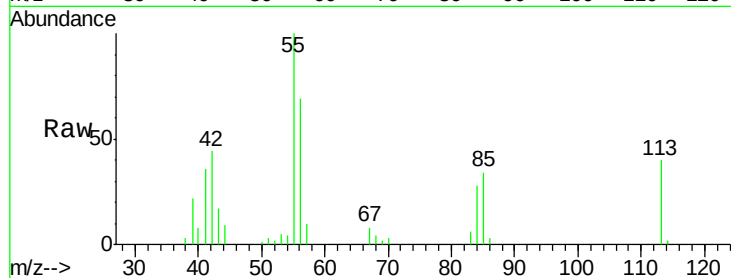
Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

PB85978BS



Tgt Ion:113 Resp: 16929

Ion Ratio Lower Upper

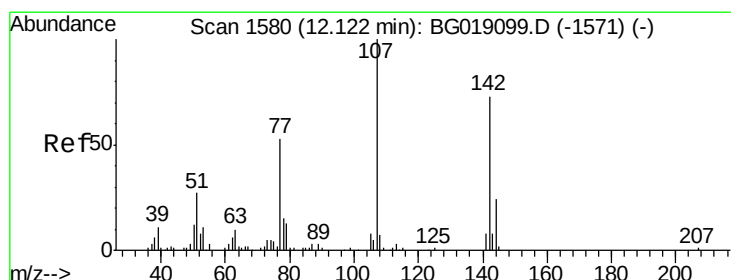
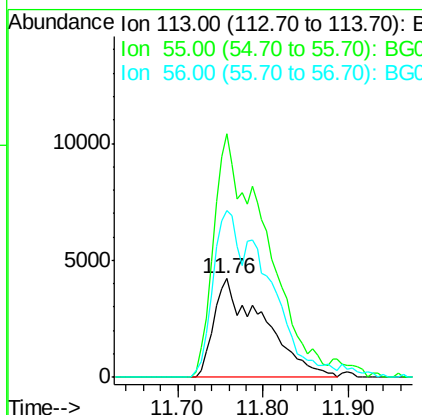
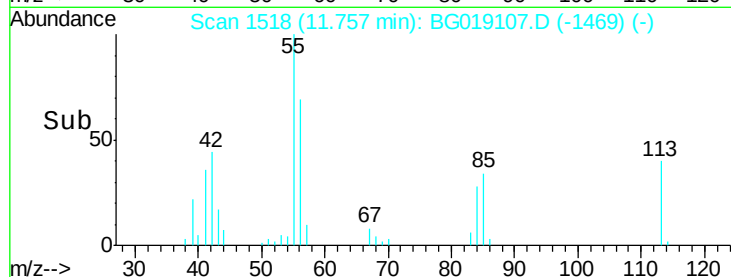
113 100

55 247.6 263.4 303.4#

56 170.0 179.0 219.0#

Manual Integrations
APPROVED

MMdadoda
10/12/2015 7:00:53 PM



#36

4-Chloro-3-methylphenol

Concen: 38.46 ng

RT: 12.12 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

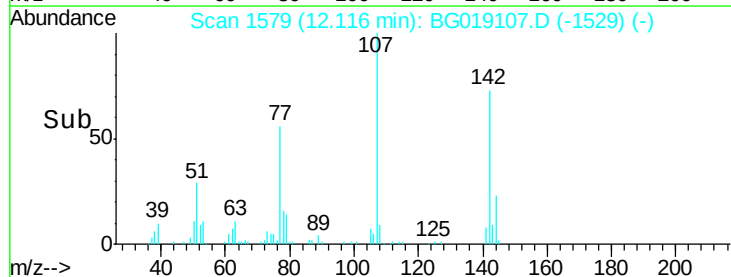
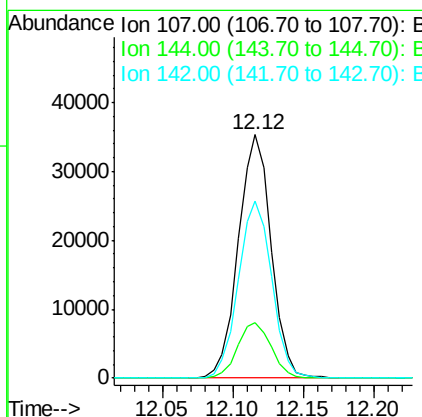
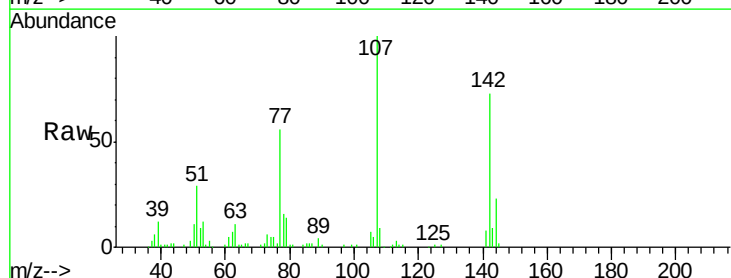
Tgt Ion:107 Resp: 57353

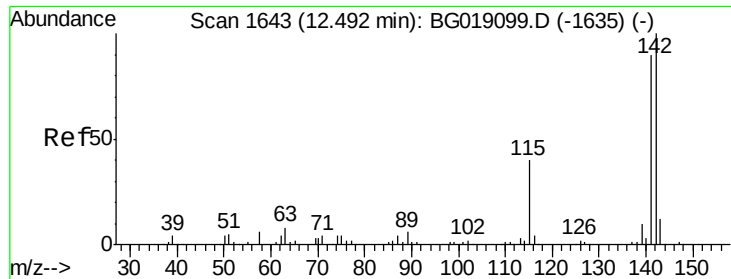
Ion Ratio Lower Upper

107 100

144 22.7 19.0 28.6

142 72.6 58.5 87.7





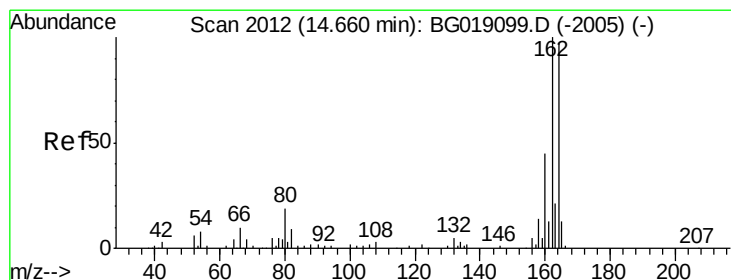
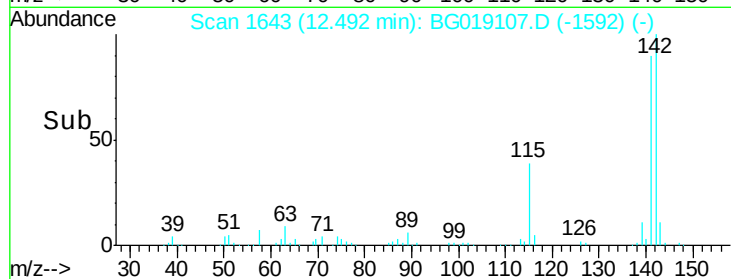
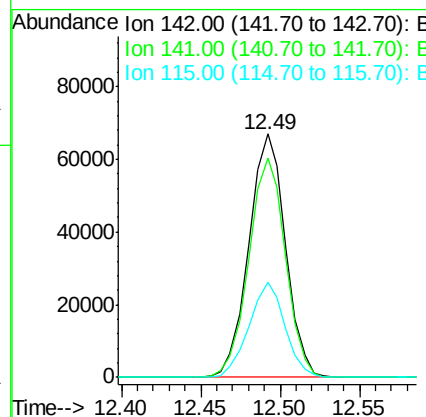
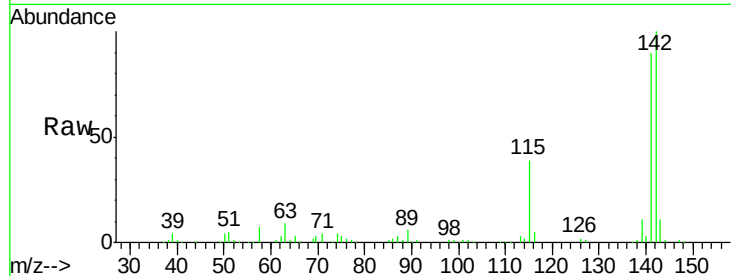
#37
 2-Methylnaphthalene
 Concen: 36.63 ng
 RT: 12.49 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	107132		
141	89.9	72.1	108.1	
115	39.1	31.8	47.8	

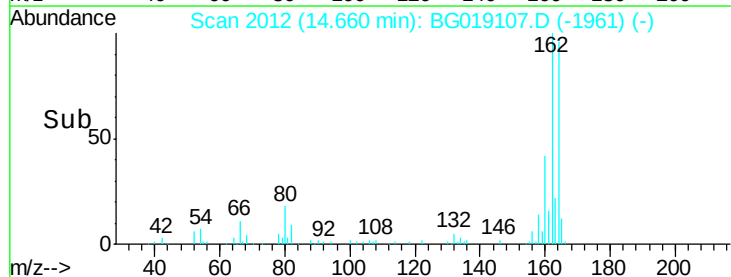
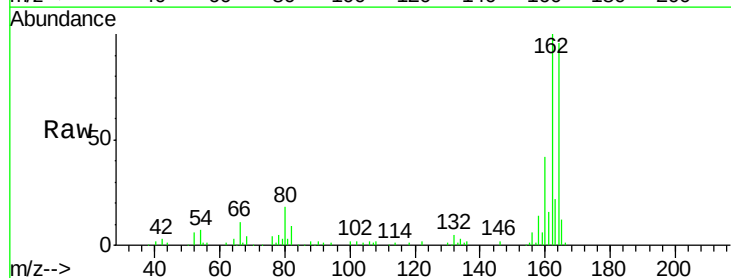
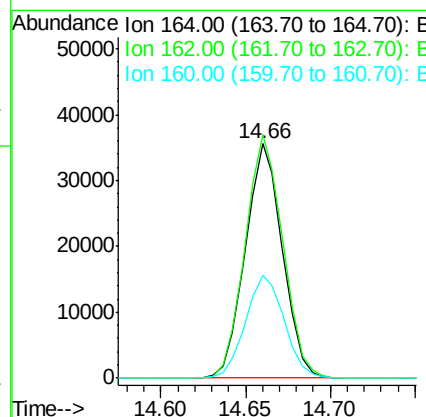
Manual Integrations
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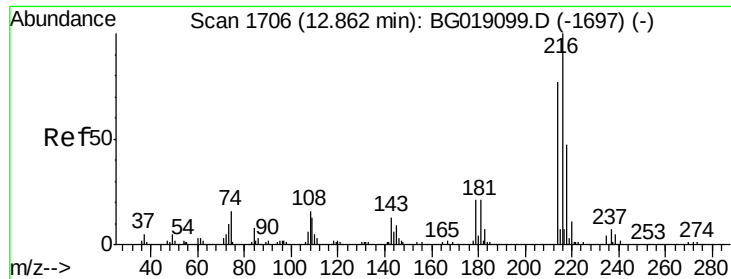
MMdadoda
 10/12/2015 7:00:53 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	54057		
162	104.0	82.6	124.0	
160	43.9	36.9	55.3	





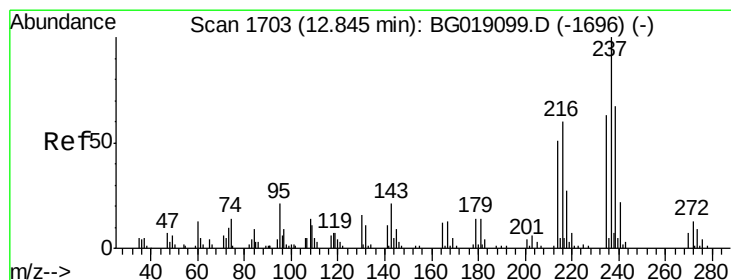
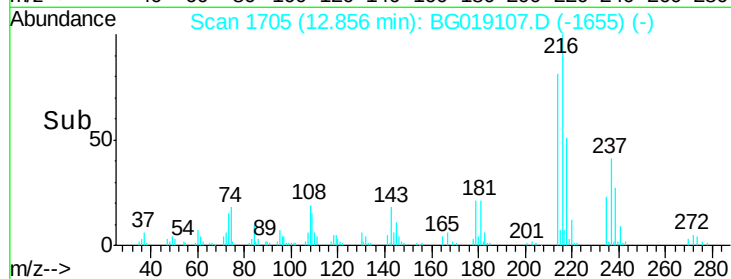
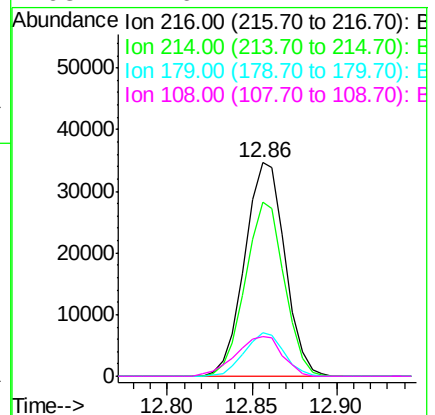
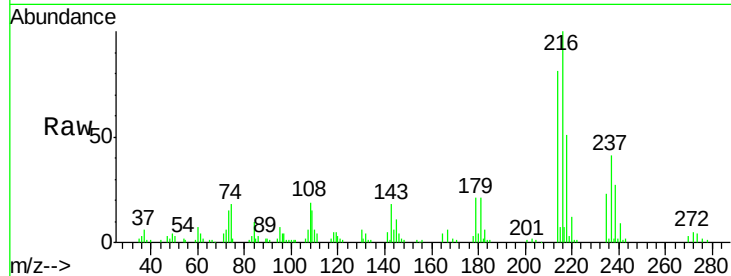
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.91 ng
 RT: 12.86 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Instrument :
 BNA_G
 ClientSampled :
 PB85978BS

Manual Integrations
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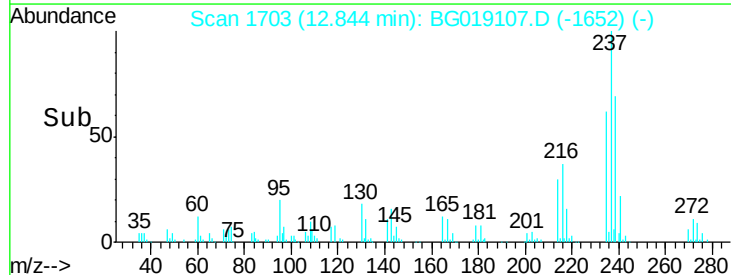
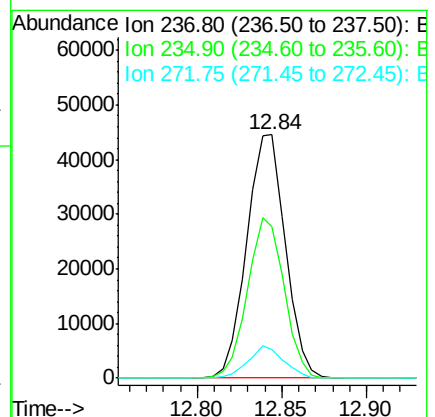
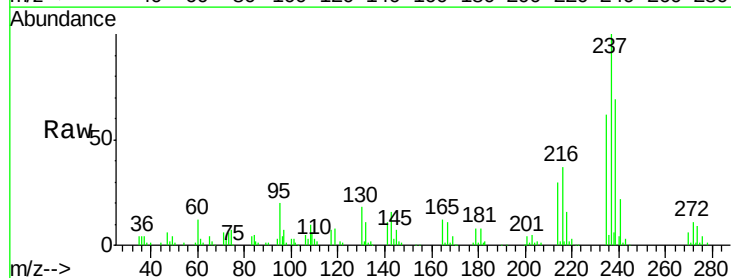
MMdadoda
 10/12/2015 7:00:53 PM

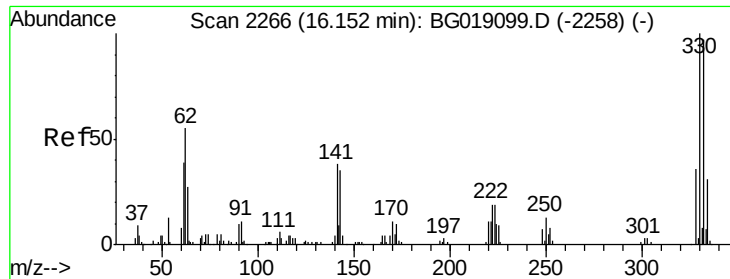
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	57336		
214	78.8	64.0	96.0	
179	20.1	16.9	25.3	
108	21.6	14.7	22.1	



#40
 Hexachlorocyclopentadiene
 Concen: 87.80 ng
 RT: 12.84 min Scan# 1703
 Delta R.T. 0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	70959		
235	62.5	43.2	83.2	
272	11.5	0.0	33.2	





#41

2,4,6-Tribromophenol

Concen: 124.52 ng

RT: 16.15 min Scan# 2266

Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

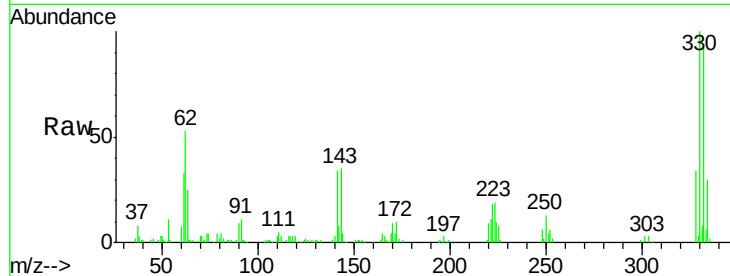
ClientSampleId :

PB85978BS

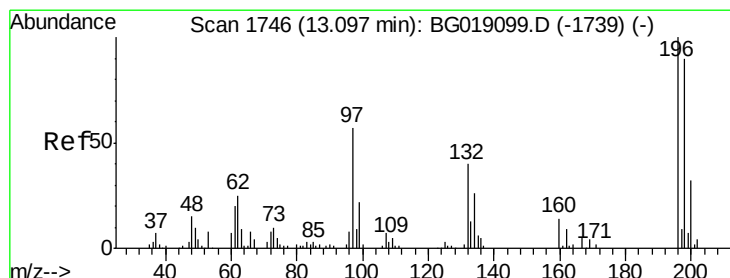
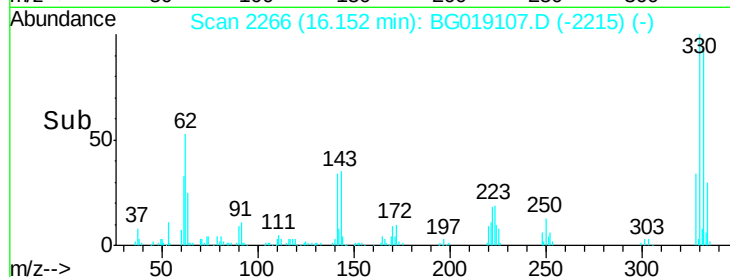
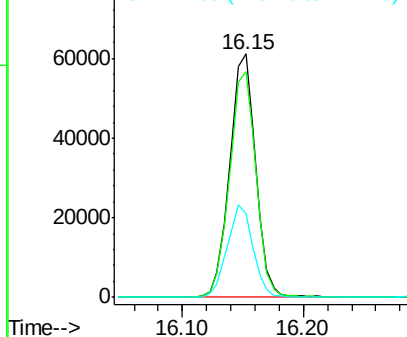
Tgt Ion:	330	Resp:	91729
Ion Ratio	Lower	Upper	
330	100		
332	94.1	77.3	115.9
141	37.6	30.7	46.1

Manual Integrations
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MMdadoda
10/12/2015 7:00:53 PM



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



#42

2,4,6-Trichlorophenol

Concen: 37.00 ng

RT: 13.10 min Scan# 1746

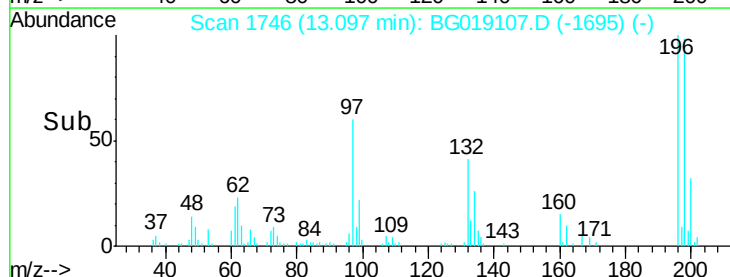
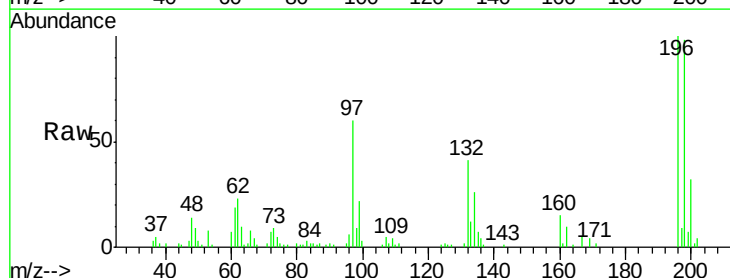
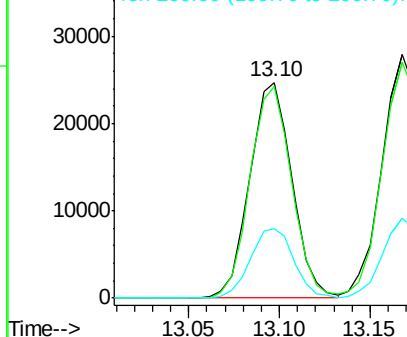
Delta R.T. -0.00 min

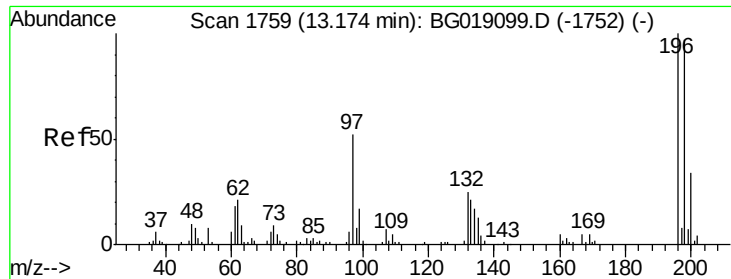
Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Tgt Ion:	196	Resp:	40024
Ion Ratio	Lower	Upper	
196	100		
198	98.1	72.0	108.0
200	32.0	25.5	38.3

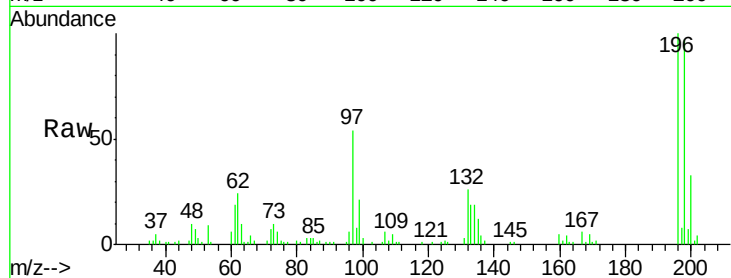
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 39.05 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

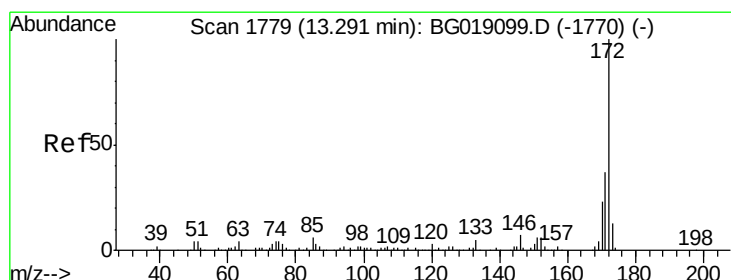
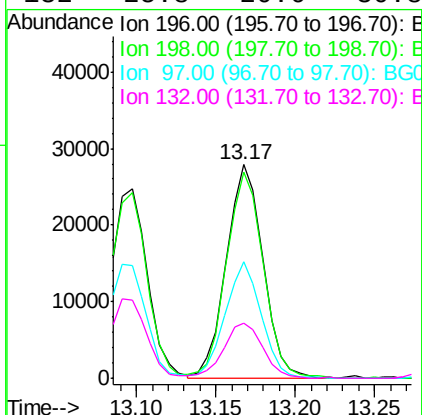
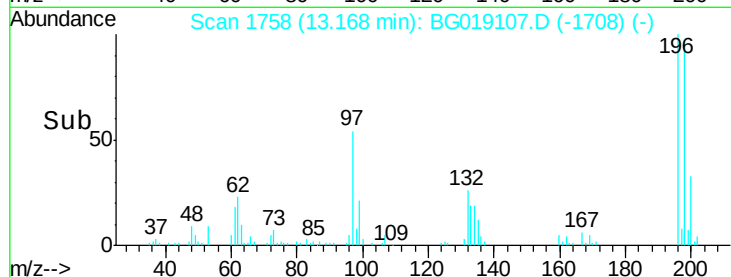
Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	44888		
198	96.8	77.7	116.5	
97	54.4	41.4	62.2	
132	25.8	20.6	30.8	

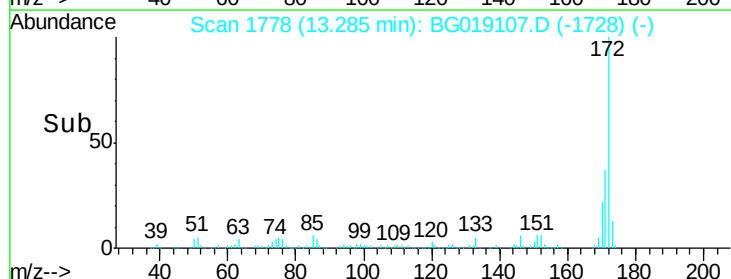
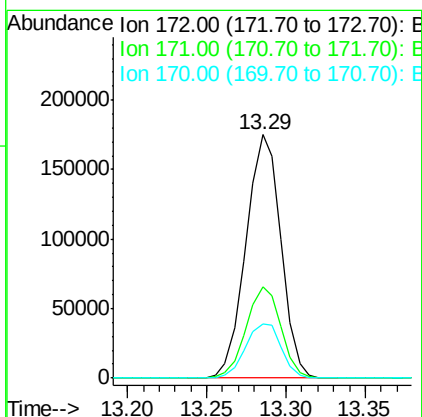
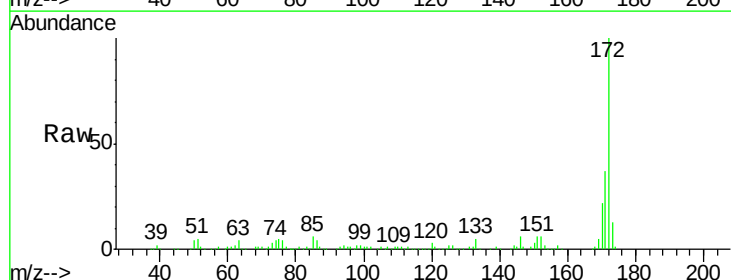
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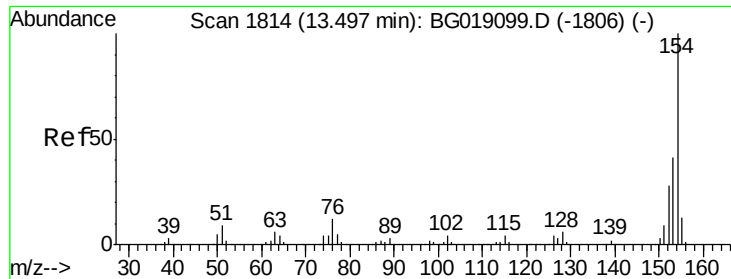
MMdadoda
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#44
 2-Fluorobiphenyl
 Concen: 76.30 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	268237		
171	37.3	29.9	44.9	
170	22.1	18.6	27.8	





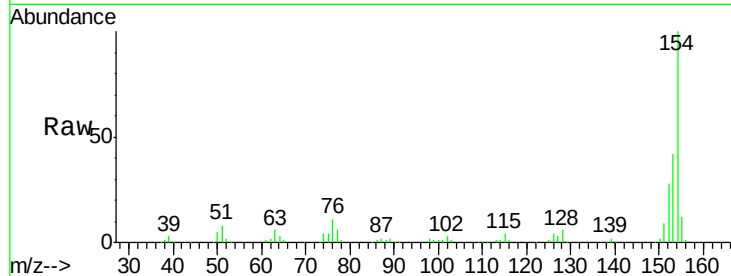
#45
 1,1'-Biphenyl
 Concen: 36.11 ng
 RT: 13.50 min Scan# 1814
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS

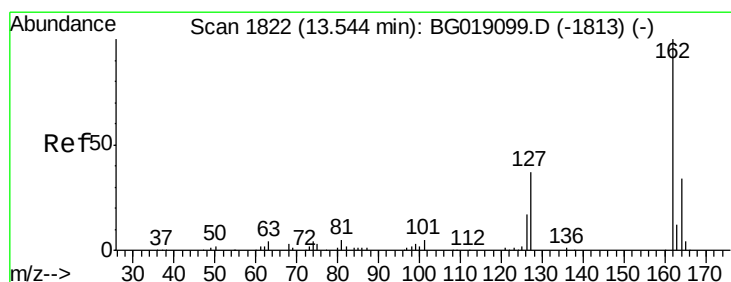
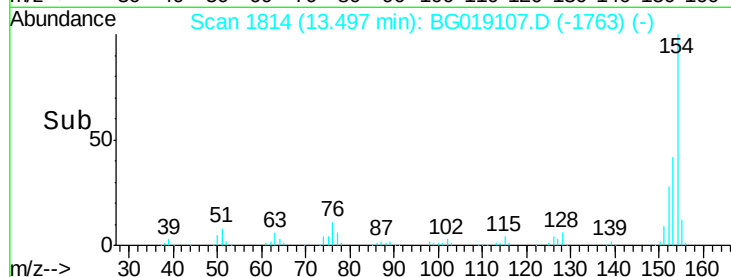
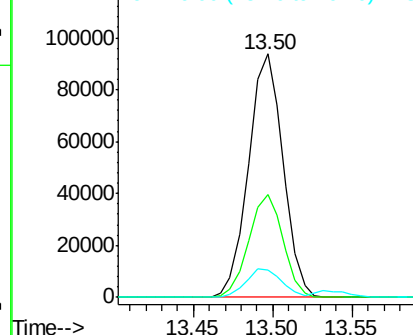
Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	42.3	20.6	60.6
76	11.0	0.0	32.2

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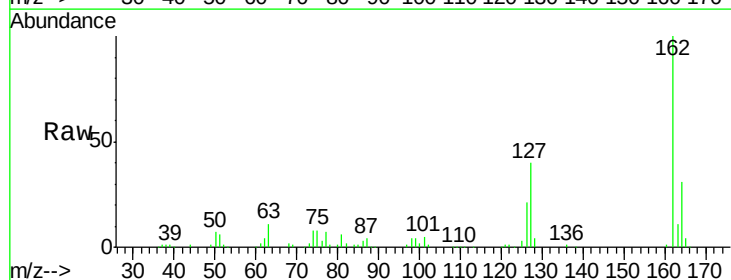


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

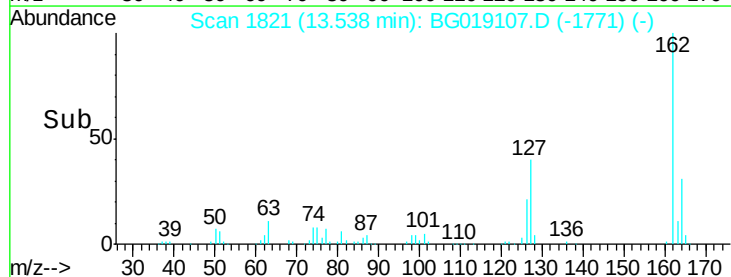
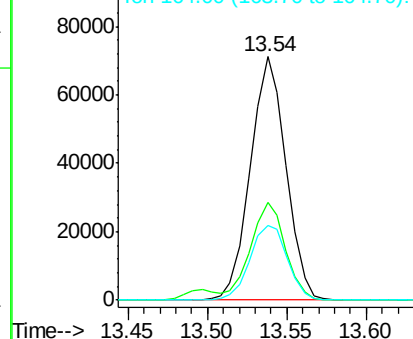


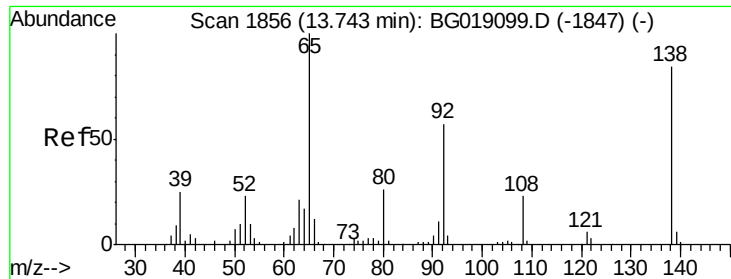
#46
 2-Chloronaphthalene
 Concen: 36.66 ng
 RT: 13.54 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	40.3	32.2	48.4
164	30.7	27.3	40.9



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: 37.46 ng

RT: 13.74 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG019107.D

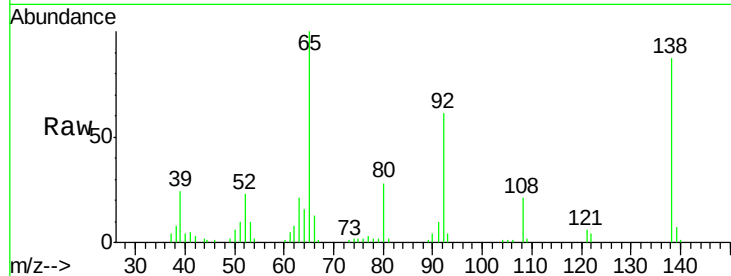
Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

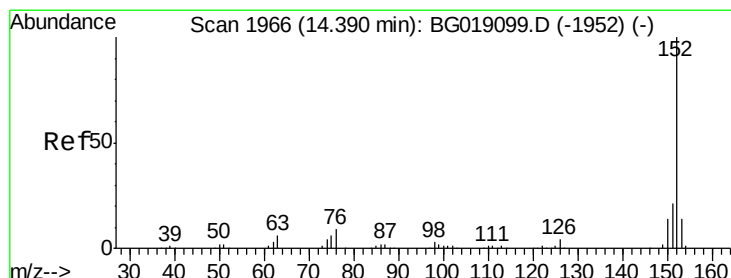
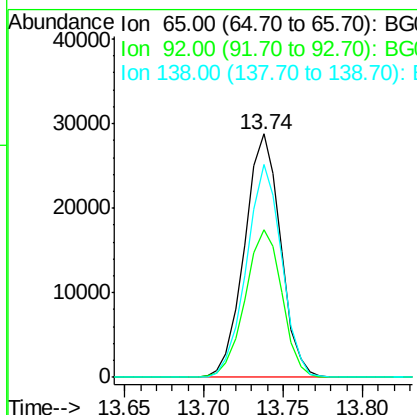
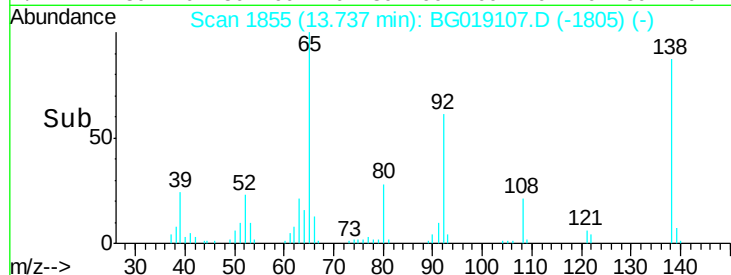
PB85978BS



Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.9	45.8	68.8
138	87.5	66.9	100.3

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#48

Acenaphthylene

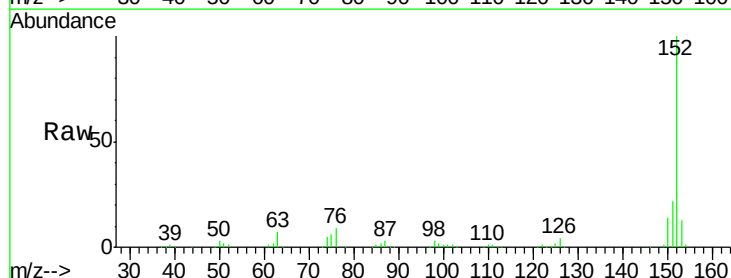
Concen: 36.16 ng

RT: 14.38 min Scan# 1965

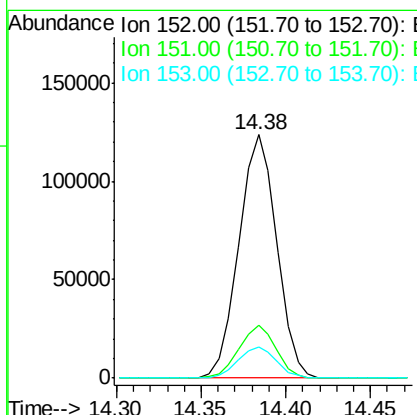
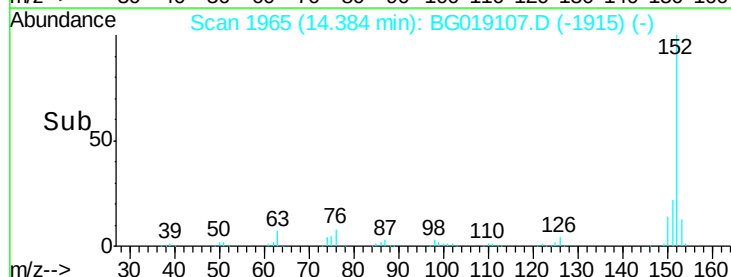
Delta R.T. -0.01 min

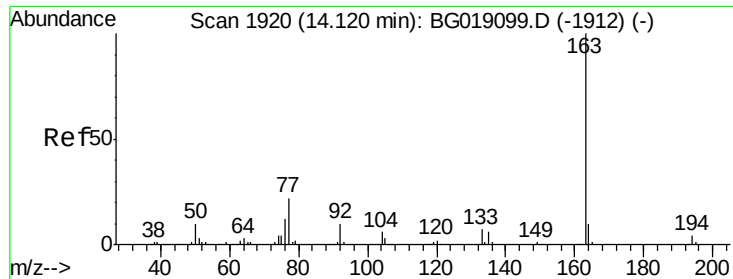
Lab File: BG019107.D

Acq: 10 Oct 2015 8:35



Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.8	25.2
153	12.9	11.0	16.4





#49

Dimethylphthalate

Concen: 36.55 ng

RT: 14.11 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG019107.D

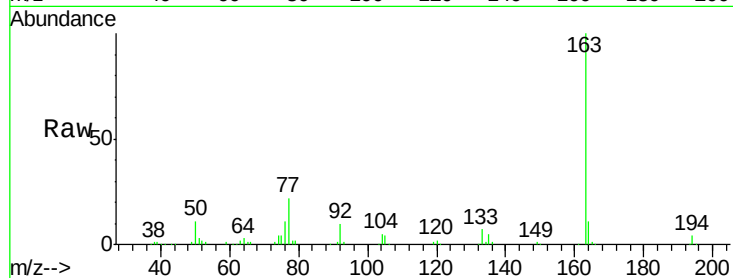
Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

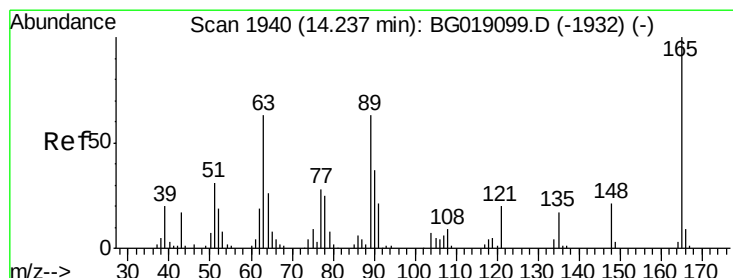
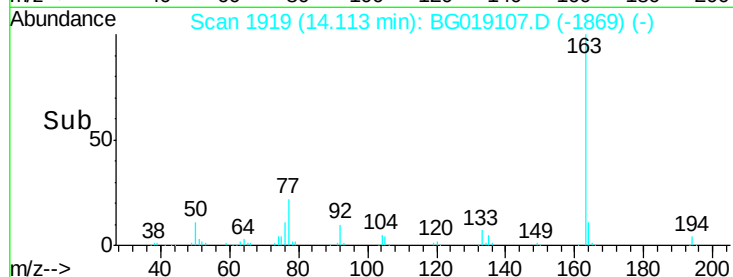
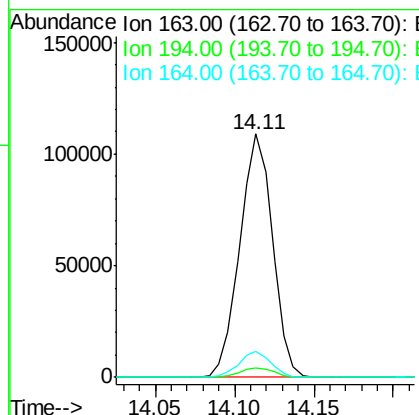
PB85978BS



Tgt Ion:	163	Resp:	156064
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.2	4.8
164	10.7	8.1	12.1

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#50

2,6-Dinitrotoluene

Concen: 38.41 ng

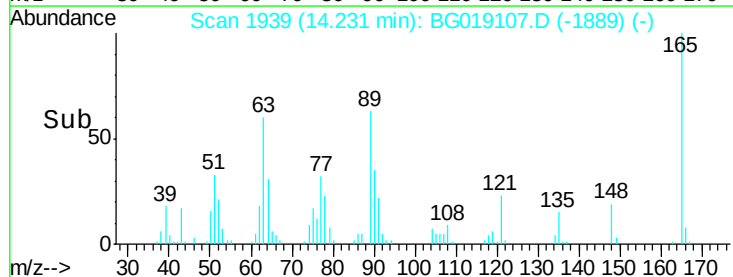
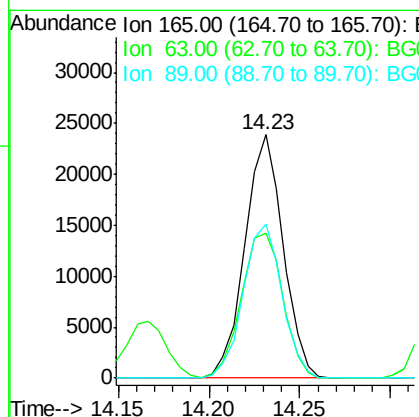
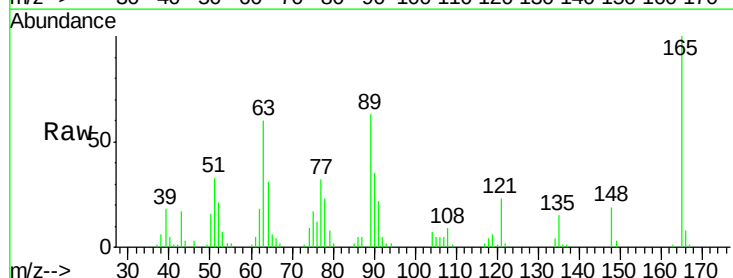
RT: 14.23 min Scan# 1939

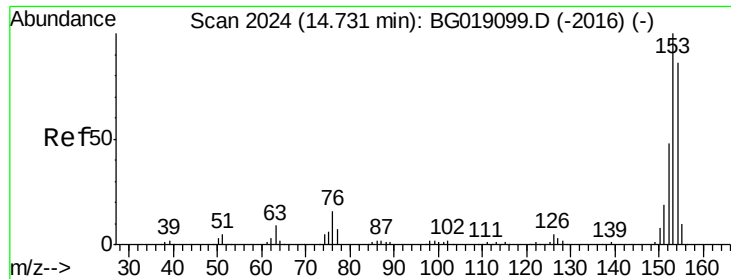
Delta R.T. -0.01 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Tgt Ion:	165	Resp:	35033
Ion Ratio	Lower	Upper	
165	100		
63	59.6	52.6	78.8
89	63.2	50.6	76.0





#51

Acenaphthene

Concen: 34.89 ng

RT: 14.72 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BG019107.D

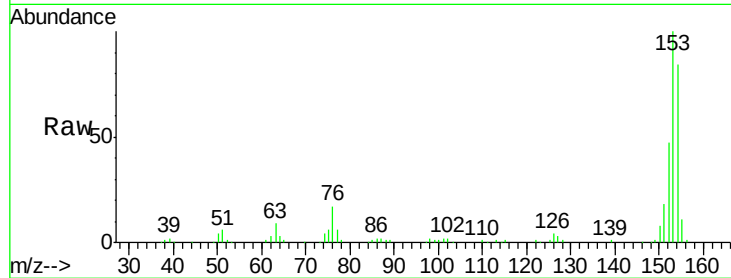
Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

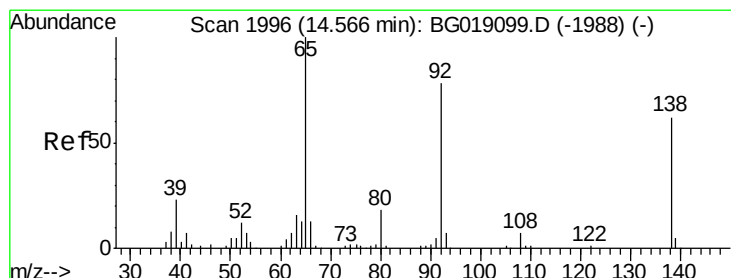
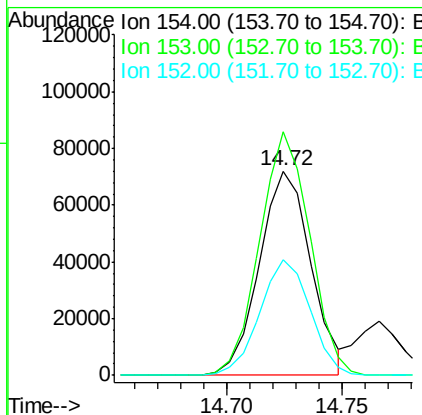
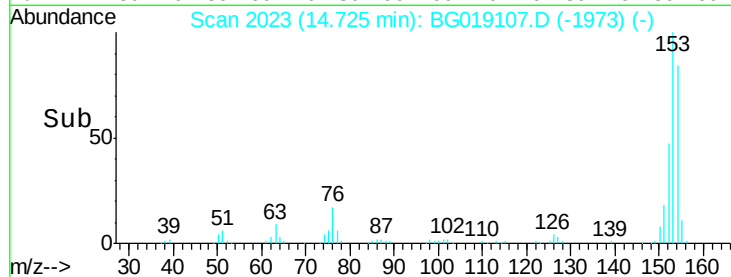
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	119.1	93.4	140.2	
152	56.5	44.9	67.3	

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#52

3-Nitroaniline

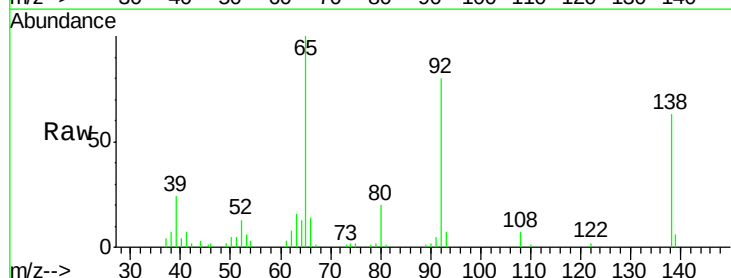
Concen: 17.76 ng

RT: 14.56 min Scan# 1995

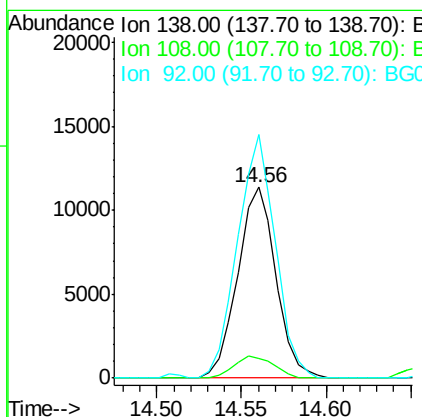
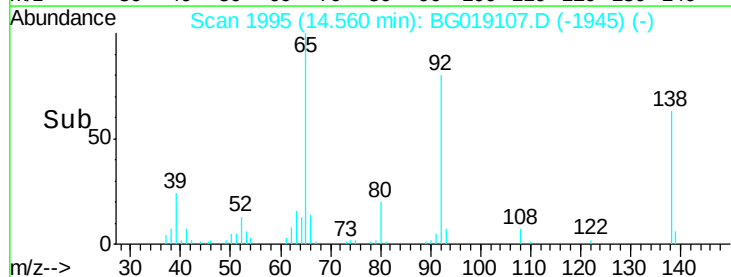
Delta R.T. -0.01 min

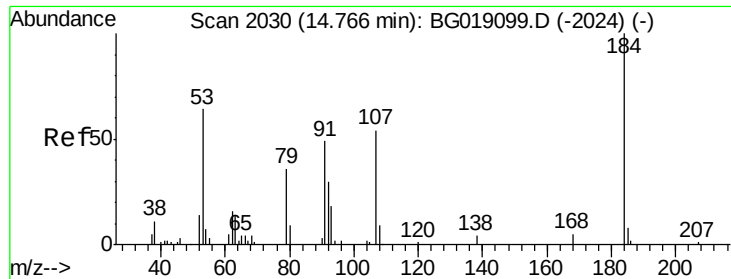
Lab File: BG019107.D

Acq: 10 Oct 2015 8:35



Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.5	8.6	13.0	
92	127.5	101.4	152.0	





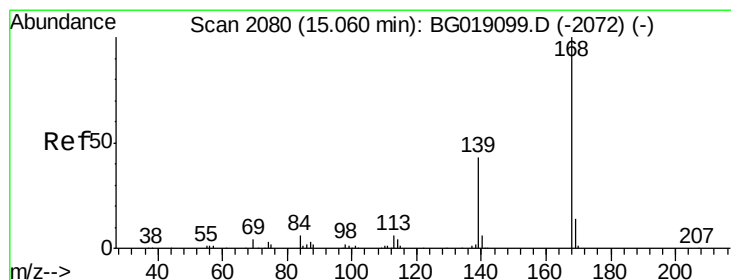
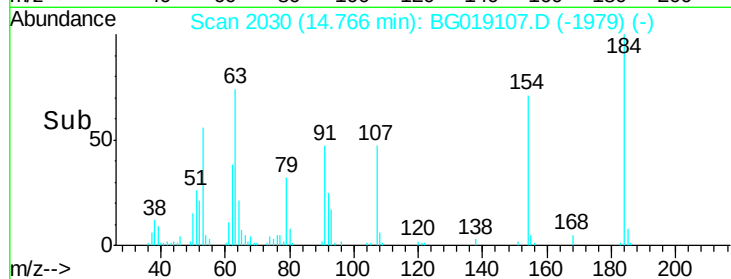
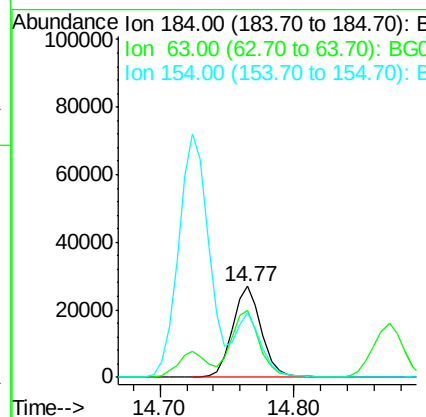
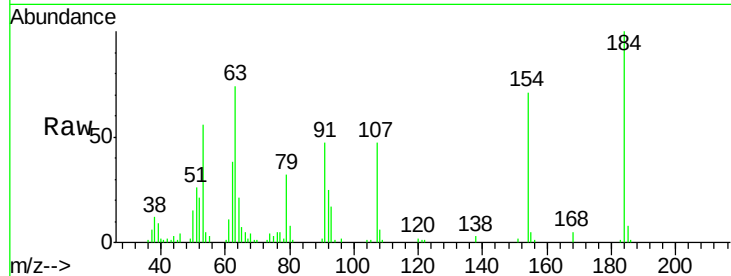
#53
2,4-Dinitrophenol
Concen: 77.06 ng
RT: 14.77 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Instrument :
BNA_G
ClientSampleId :
PB85978BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	40840		
63	74.1	67.5	101.3	
154	70.8	62.4	93.6	

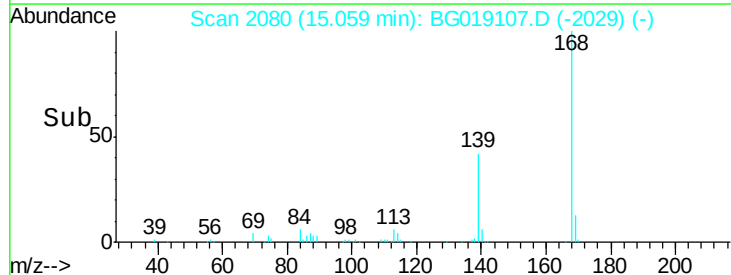
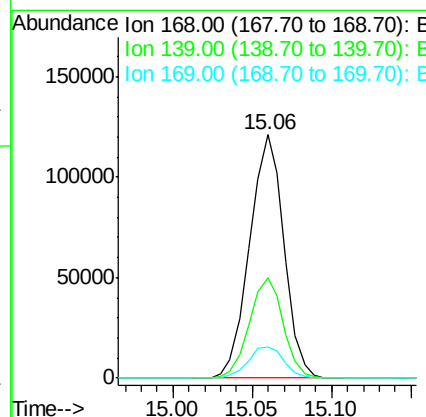
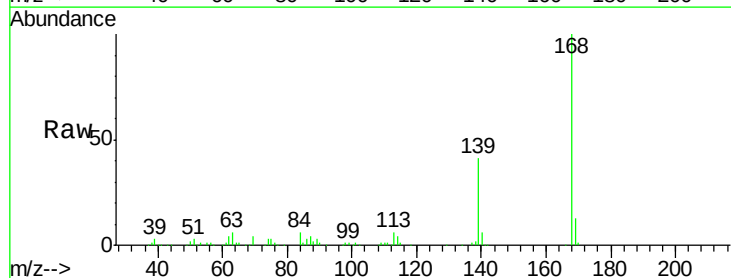
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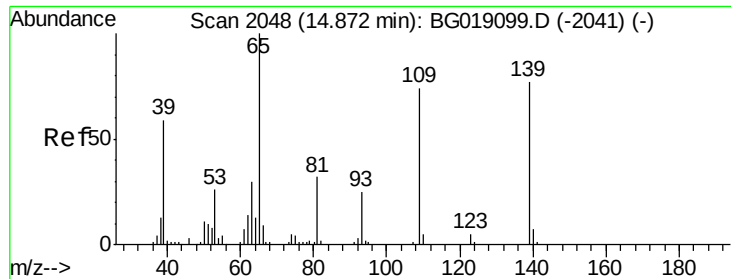
MMdadoda
10/12/2015 7:00:53 PM



#54
Dibenzofuran
Concen: 38.24 ng
RT: 15.06 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	181016		
139	41.3	34.2	51.4	
169	12.9	11.4	17.0	





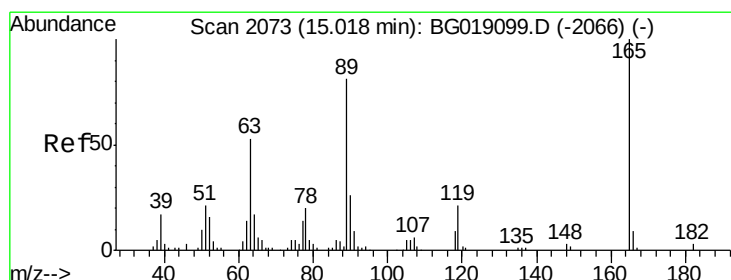
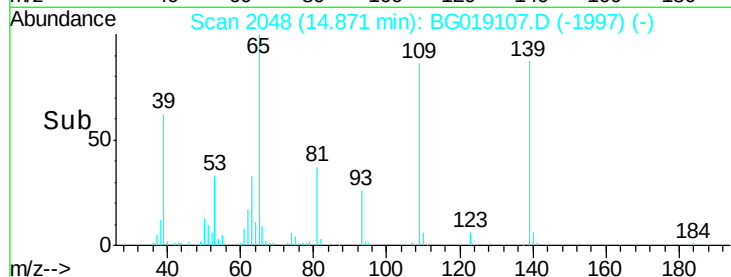
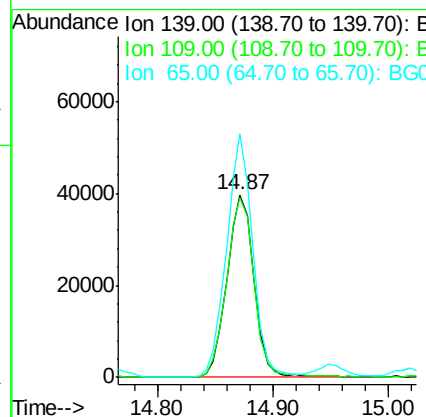
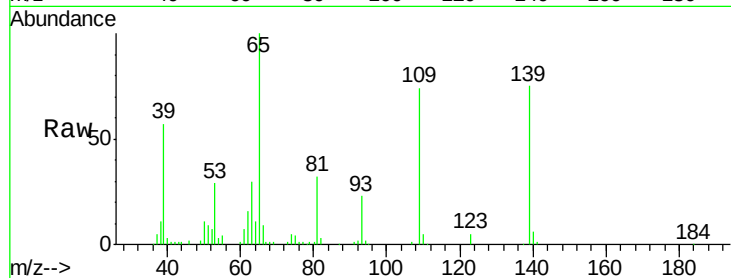
#55
4-Nitrophenol
Concen: 84.56 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Instrument :
BNA_G
ClientSampleId :
PB85978BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	64405		
109	98.3	76.8	116.8	
65	133.3	110.0	150.0	

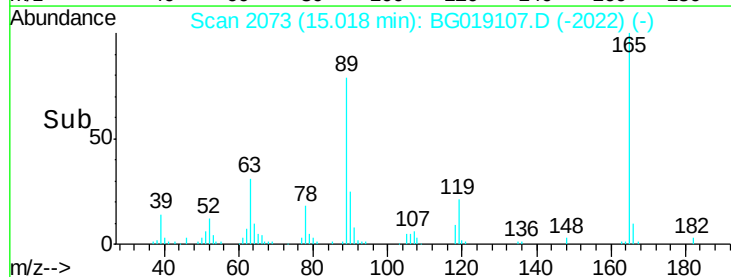
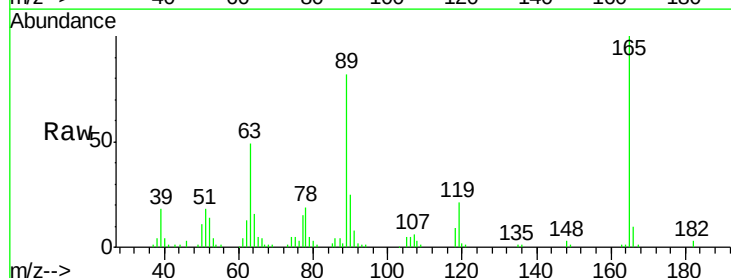
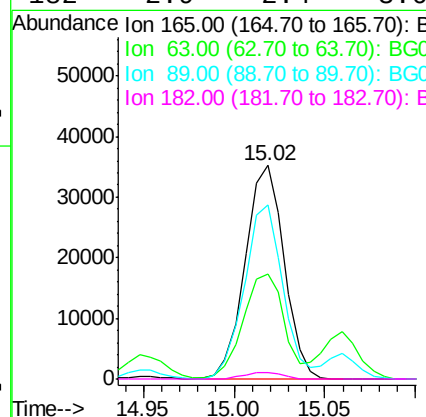
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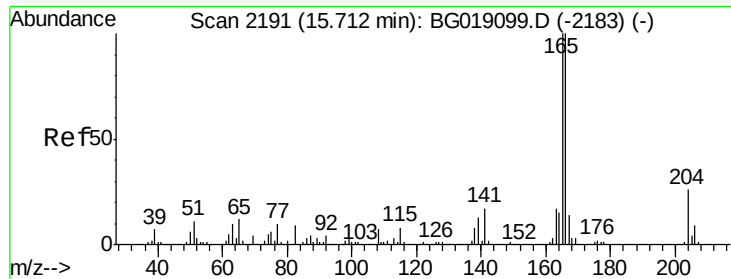
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#56
2,4-Dinitrotoluene
Concen: 39.65 ng
RT: 15.02 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	52578		
63	49.1	42.2	63.2	
89	81.6	64.8	97.2	
182	2.9	2.4	3.6	





#57

Fluorene

Concen: 37.71 ng

RT: 15.71 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG019107.D

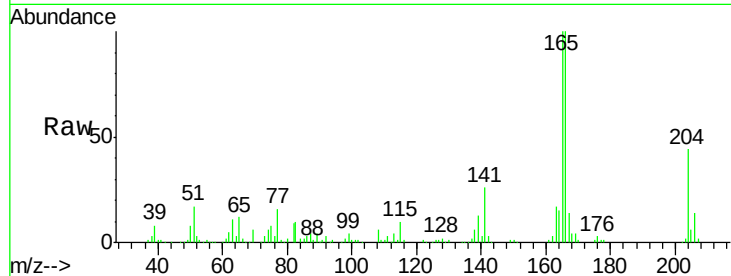
Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

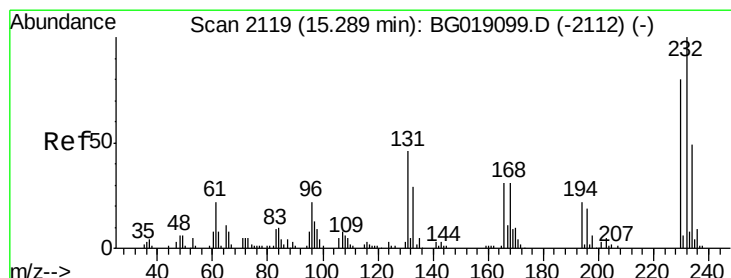
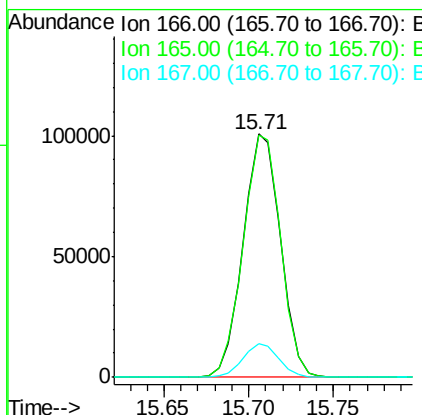
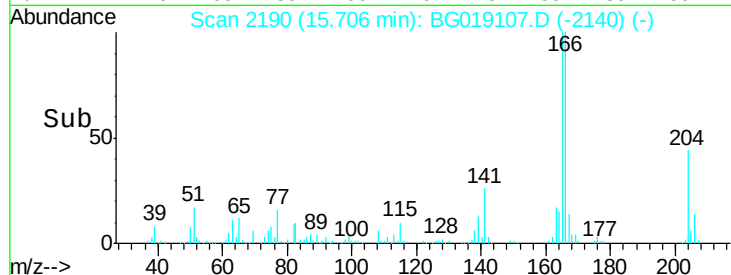
PB85978BS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.6	80.2	120.2	
167	13.7	11.4	17.0	

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#58

2,3,4,6-Tetrachlorophenol

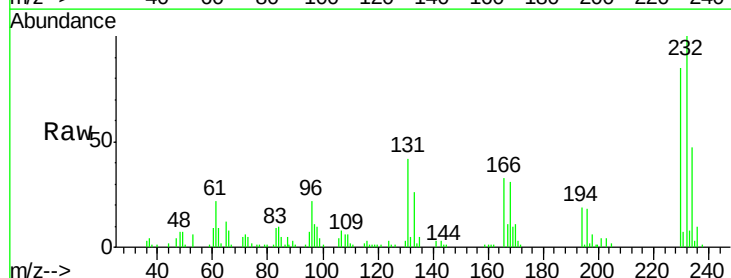
Concen: 40.67 ng

RT: 15.28 min Scan# 2118

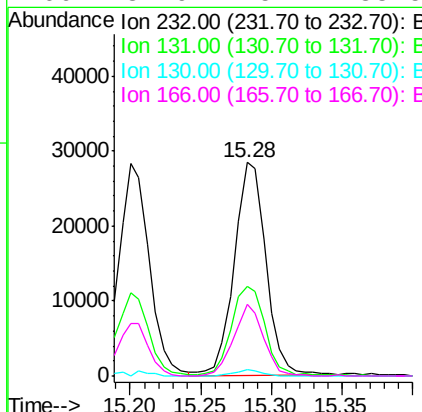
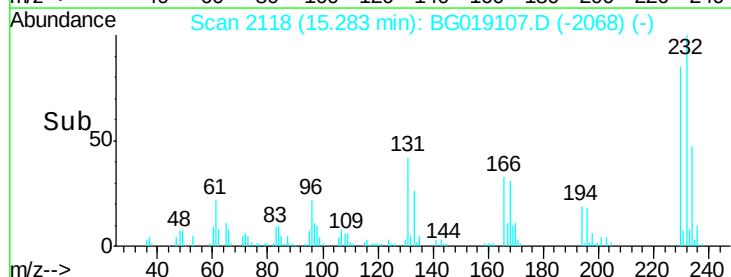
Delta R.T. -0.01 min

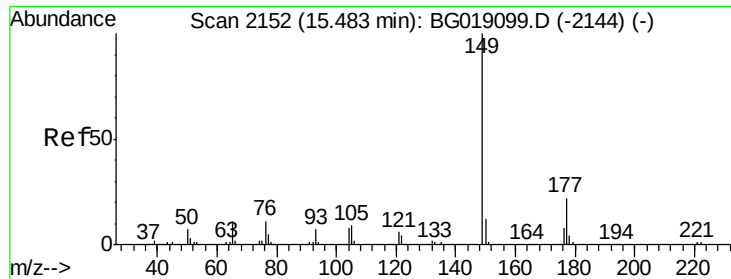
Lab File: BG019107.D

Acq: 10 Oct 2015 8:35



Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	45.7	36.5	54.7	
130	2.6	2.3	3.5	
166	31.9	25.7	38.5	





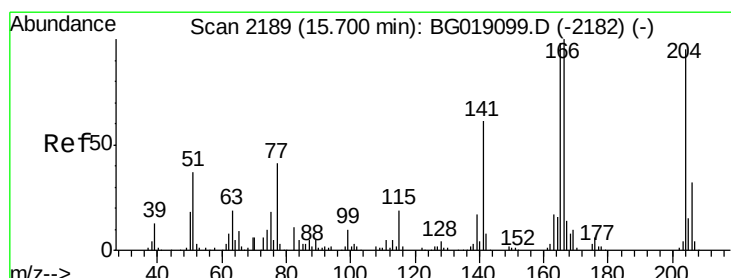
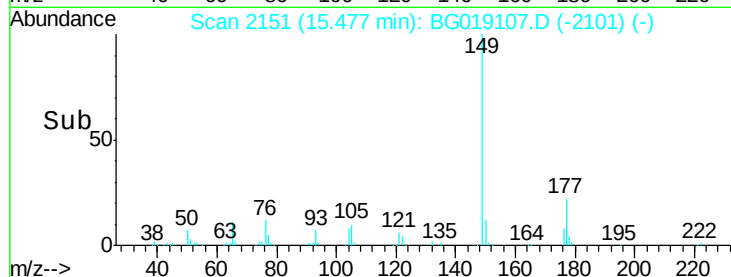
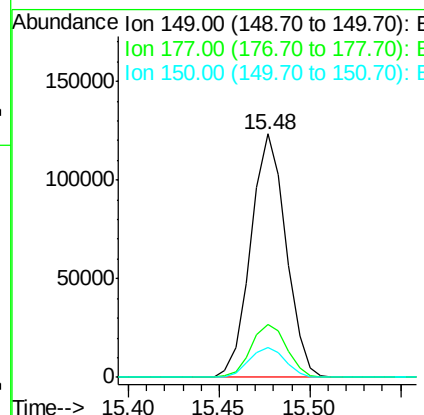
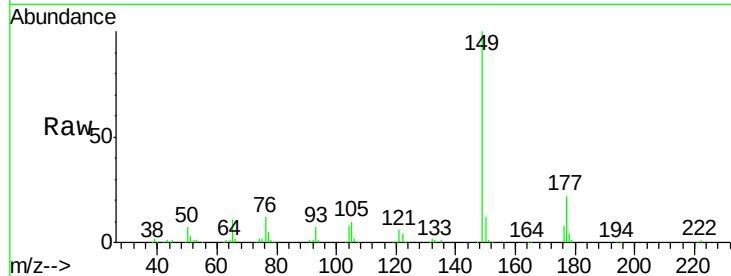
#59
Diethylphthalate
Concen: 37.49 ng
RT: 15.48 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Instrument :
BNA_G
ClientSampleId :
PB85978BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	166261		
177	21.8	17.7	26.5	
150	12.2	9.4	14.2	

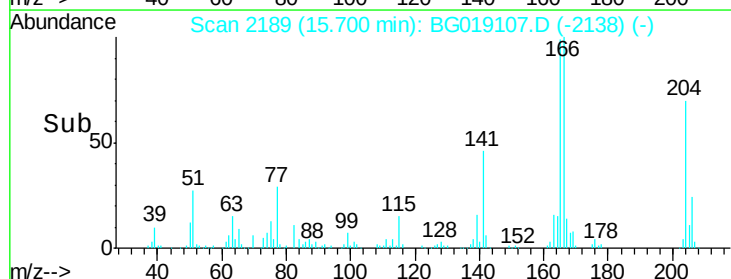
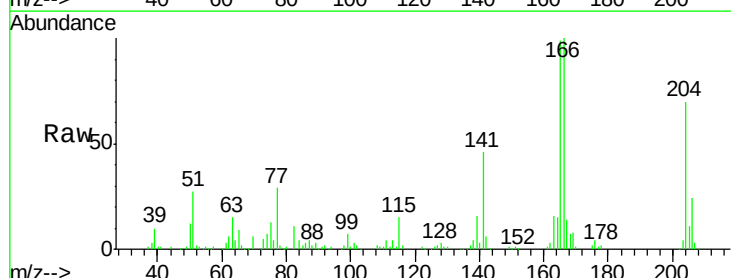
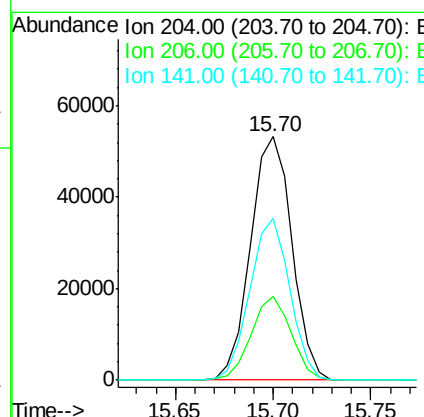
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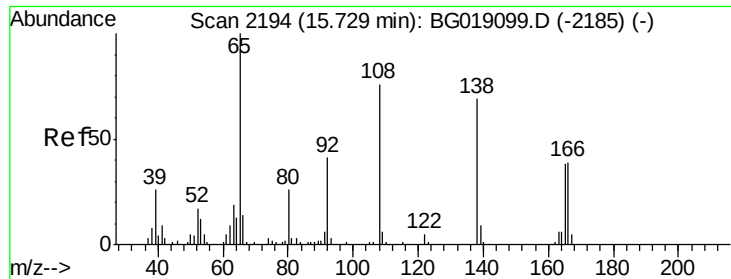
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#60
4-Chlorophenyl-phenylether
Concen: 37.25 ng
RT: 15.70 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	77930		
206	34.6	27.0	40.4	
141	66.4	51.9	77.9	





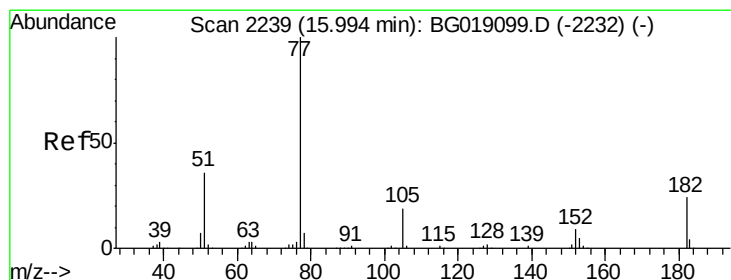
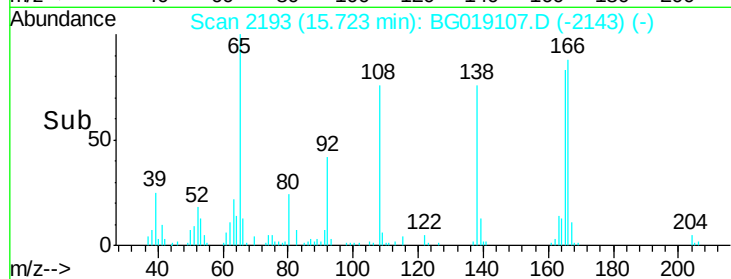
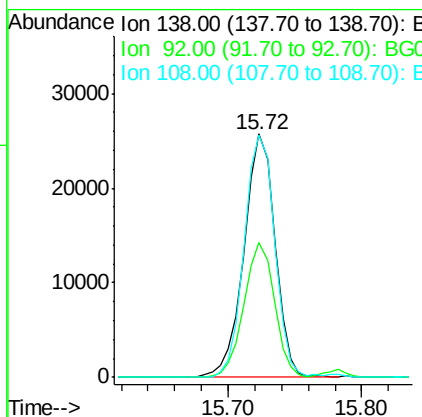
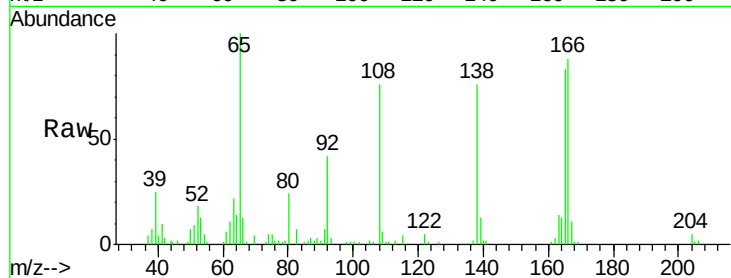
#61
4-Nitroaniline
Concen: 37.72 ng
RT: 15.72 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Instrument :
BNA_G
ClientSampleId :
PB85978BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	41250		
92	55.3	39.0	79.0	
108	99.3	90.8	130.8	

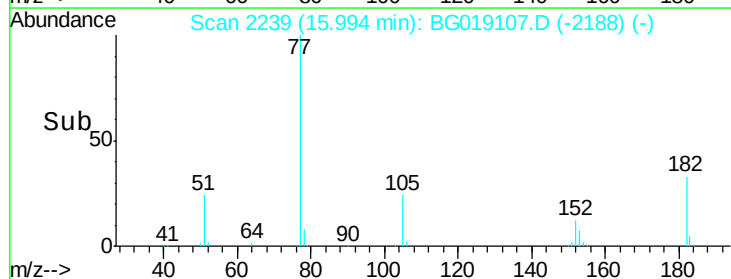
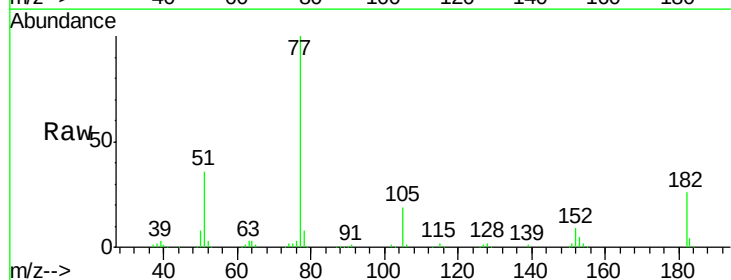
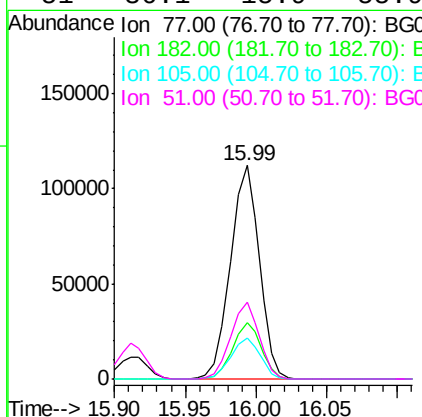
Manual Integrations
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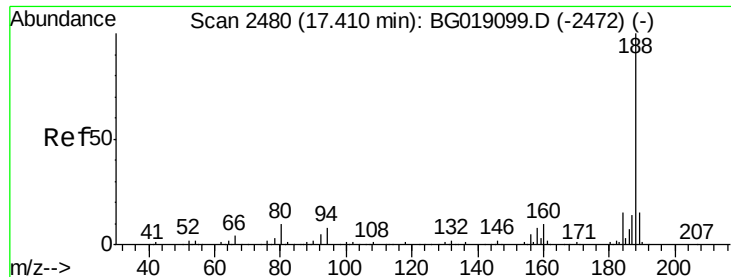
MMdadoda
10/12/2015 7:00:53 PM



#62
Azobenzene
Concen: 38.77 ng
RT: 15.99 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	159464		
182	26.5	4.4	44.4	
105	19.5	0.0	39.1	
51	36.1	15.9	55.9	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.40 min Scan# 2479

Delta R.T. -0.01 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

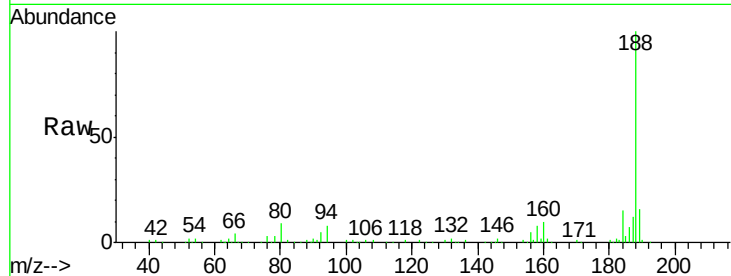
ClientSampleId :

PB85978BS

Tgt Ion:	188	Resp:	142305
Ion Ratio	Lower	Upper	
188	100		
94	8.5	6.4	9.6
80	9.3	7.6	11.4

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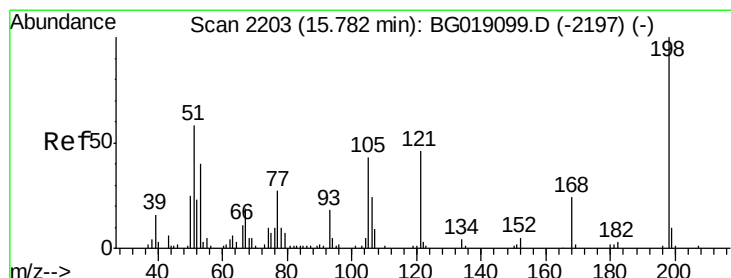
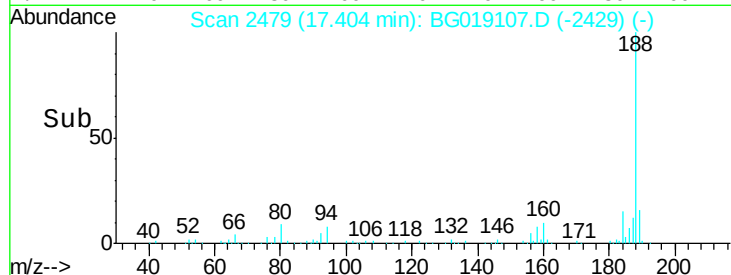
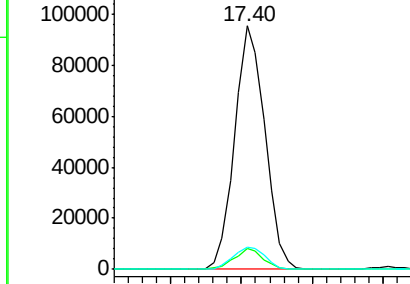
MMdadoda
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 39.98 ng

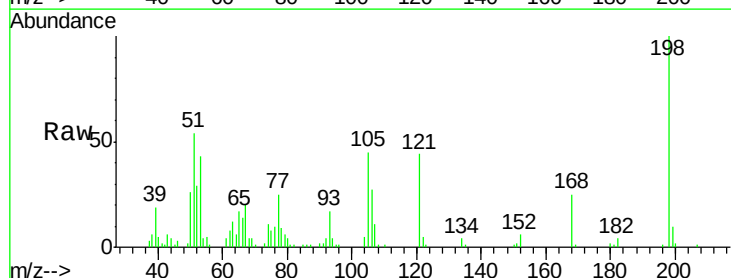
RT: 15.78 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

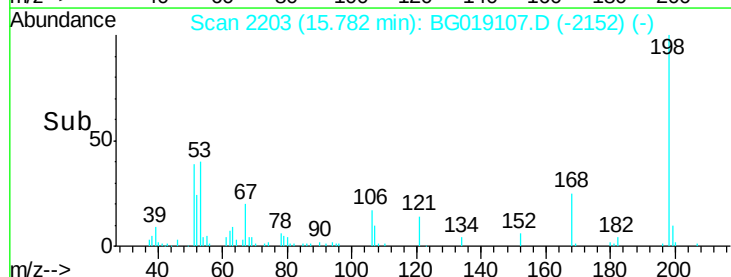
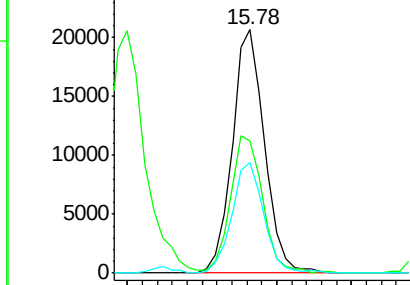
Tgt Ion:	198	Resp:	31065
Ion Ratio	Lower	Upper	
198	100		
51	54.3	40.1	80.1
105	45.3	23.4	63.4

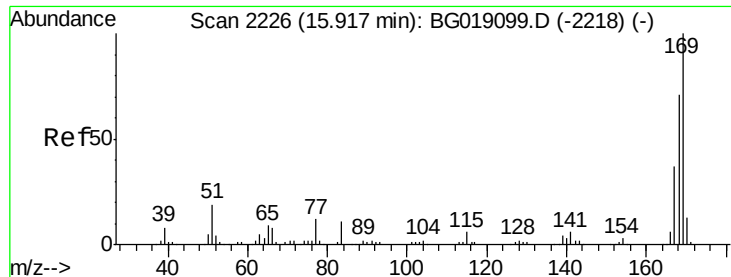


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





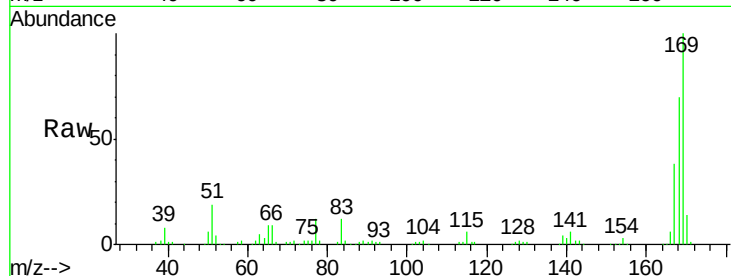
#65
n-Nitrosodiphenylamine
Concen: 36.25 ng
RT: 15.91 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Instrument :
BNA_G
ClientSampleId :
PB85978BS

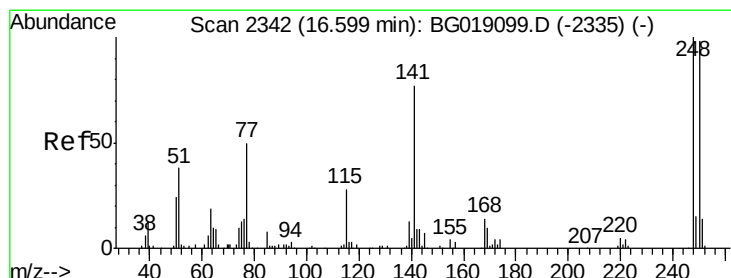
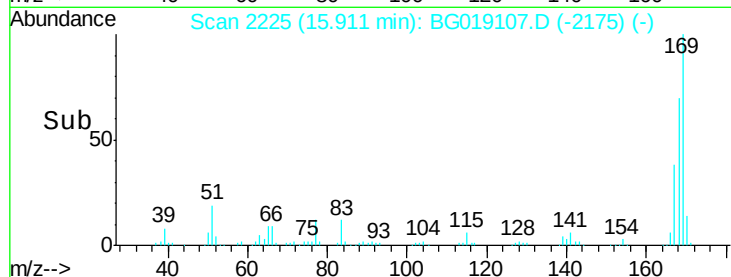
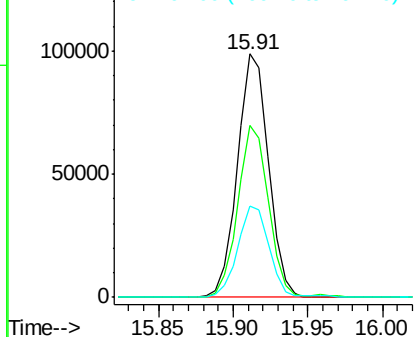
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	142593		
168	70.4	56.6	84.8	
167	37.7	30.0	45.0	

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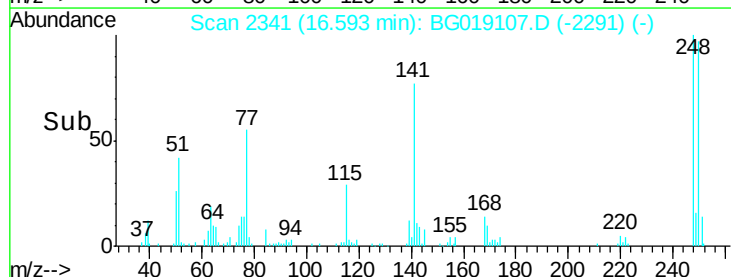
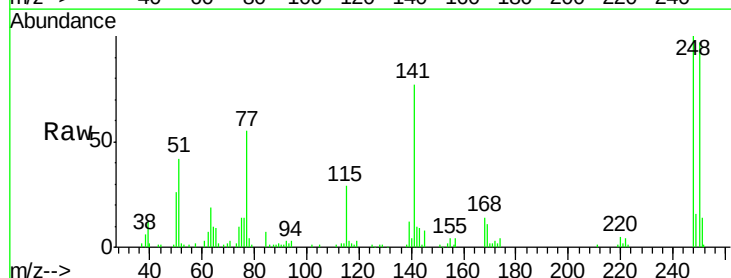
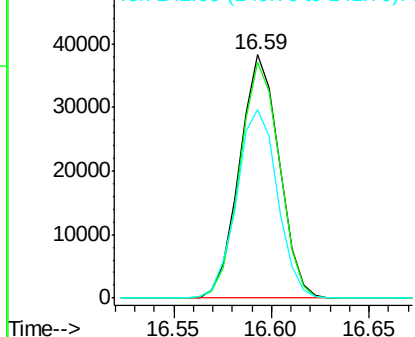
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

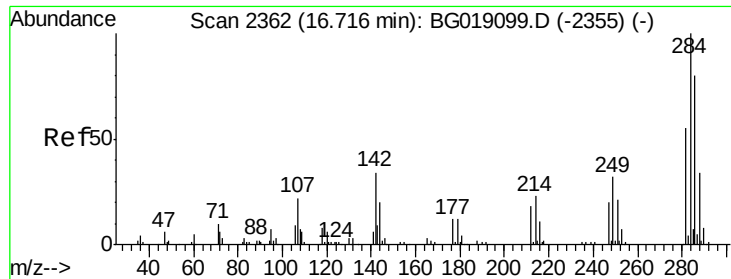


#66
4-Bromophenyl-phenylether
Concen: 37.23 ng
RT: 16.59 min Scan# 2341
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	53836		
250	96.9	78.4	117.6	
141	77.4	61.7	92.5	

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





#67

Hexachlorobenzene

Concen: 37.24 ng

RT: 16.72 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BG019107.D

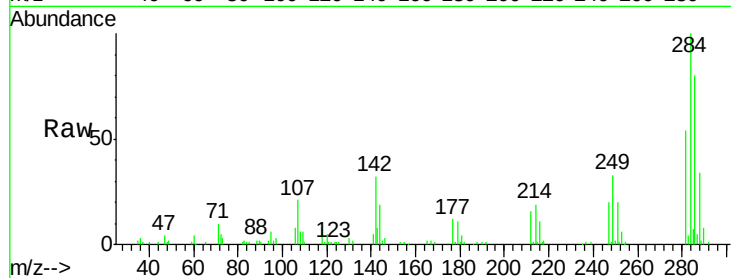
Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

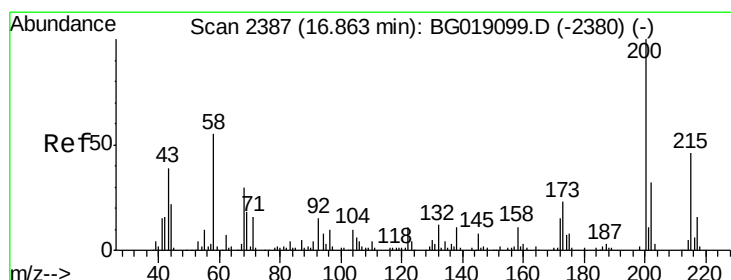
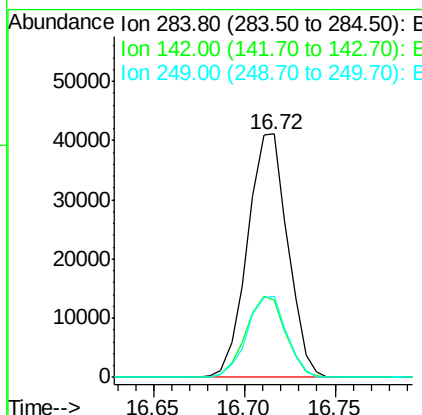
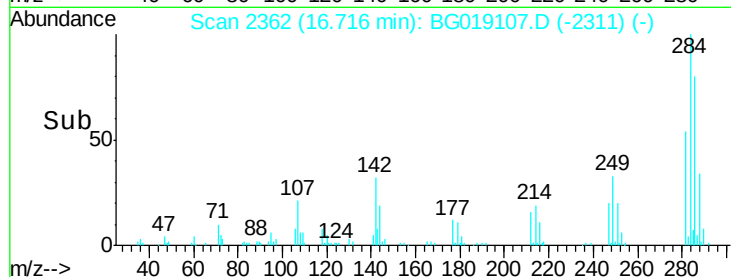
PB85978BS



Tgt Ion:	284	Resp:	63236
Ion Ratio	Lower	Upper	
284	100		
142	31.9	27.0	40.4
249	33.5	25.4	38.2

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#68

Atrazine

Concen: 39.58 ng

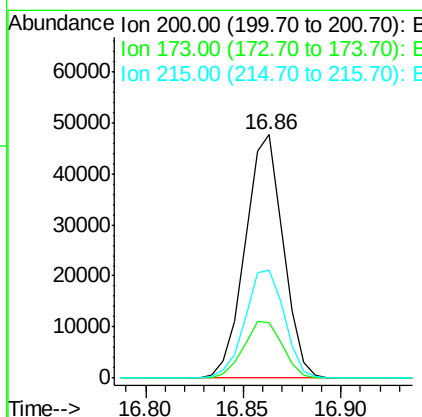
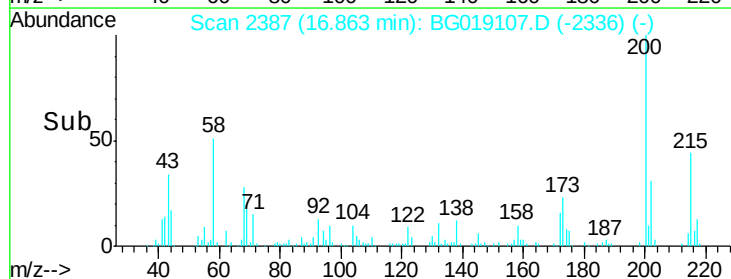
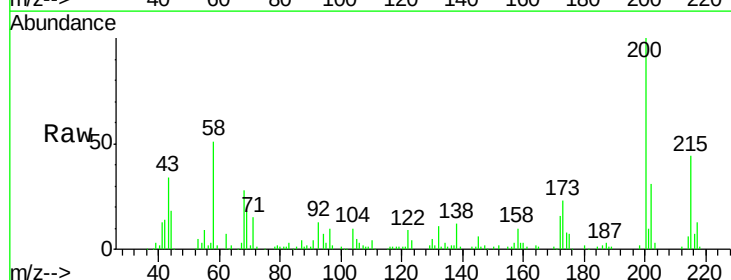
RT: 16.86 min Scan# 2387

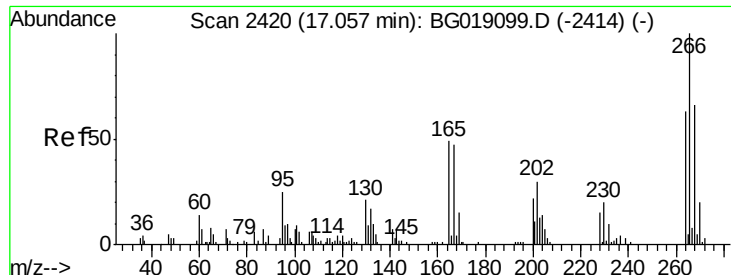
Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Tgt Ion:	200	Resp:	64107
Ion Ratio	Lower	Upper	
200	100		
173	22.8	3.3	43.3
215	44.2	26.4	66.4





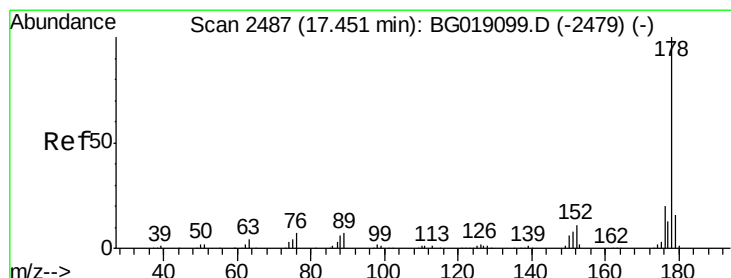
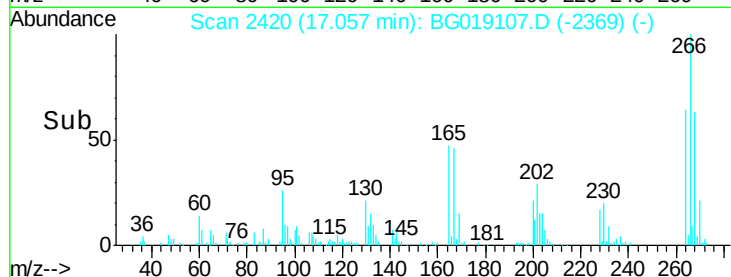
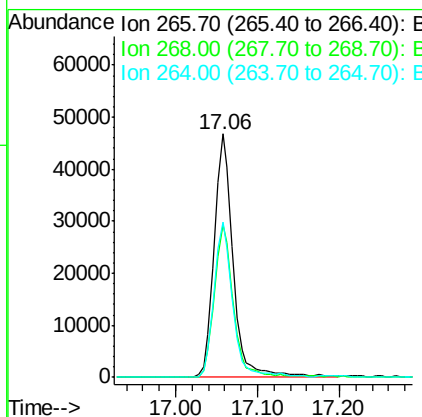
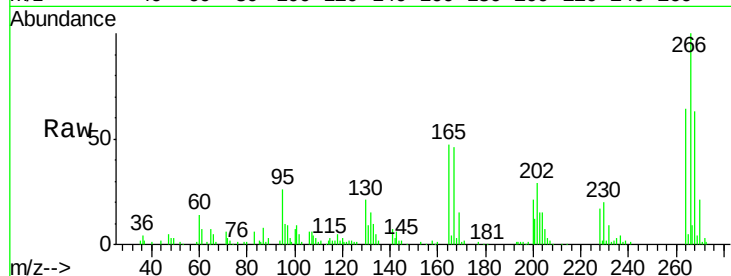
#69
 Pentachlorophenol
 Concen: 86.08 ng
 RT: 17.06 min Scan# 2420
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	76213		
268	62.6	53.0	79.4	
264	63.5	50.1	75.1	

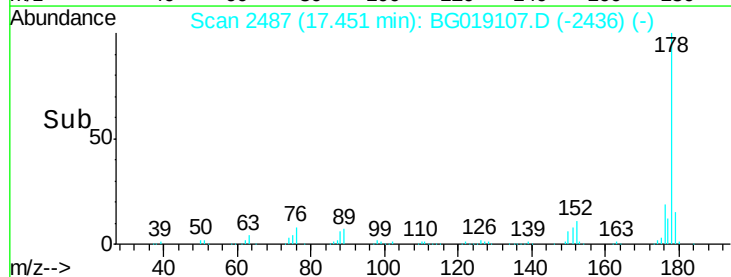
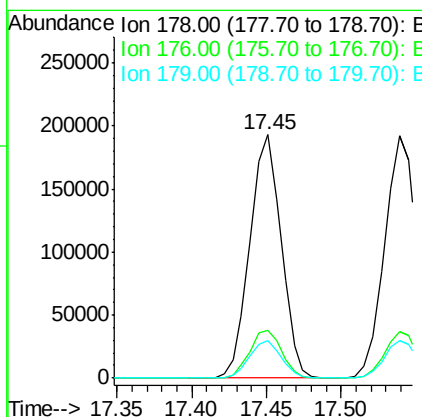
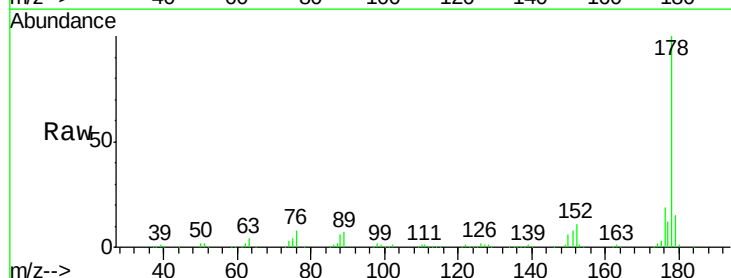
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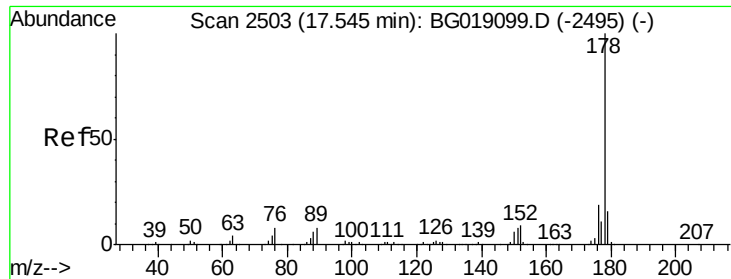
MMdadoda
 10/12/2015 7:00:53 PM



#70
 Phenanthrene
 Concen: 38.24 ng
 RT: 17.45 min Scan# 2487
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	280043		
176	19.4	16.3	24.5	
179	15.4	12.8	19.2	





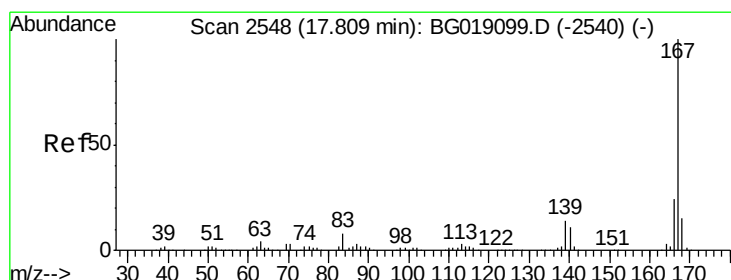
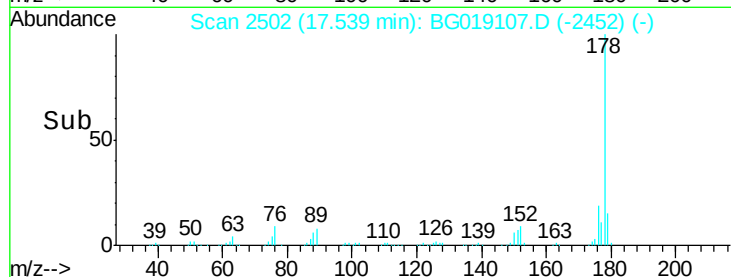
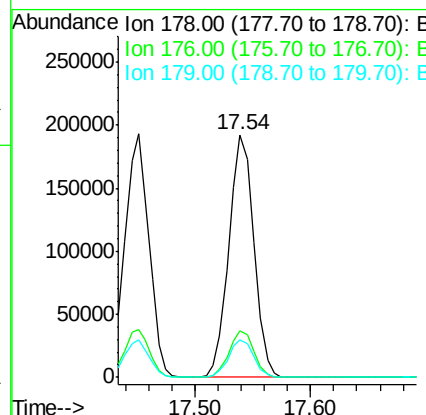
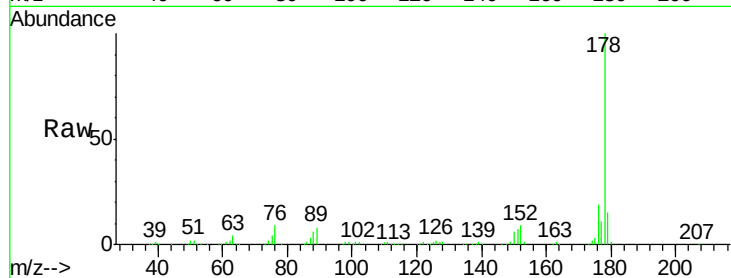
#71
 Anthracene
 Concen: 39.39 ng
 RT: 17.54 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.3	12.9	19.3

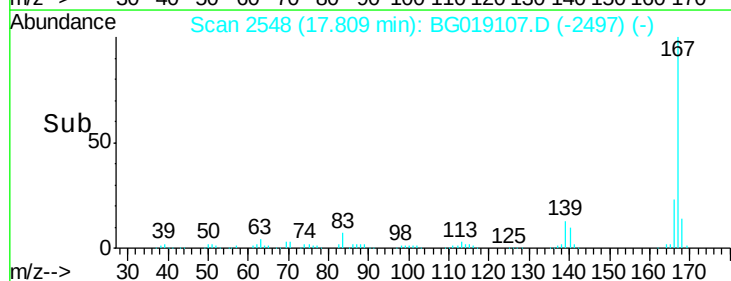
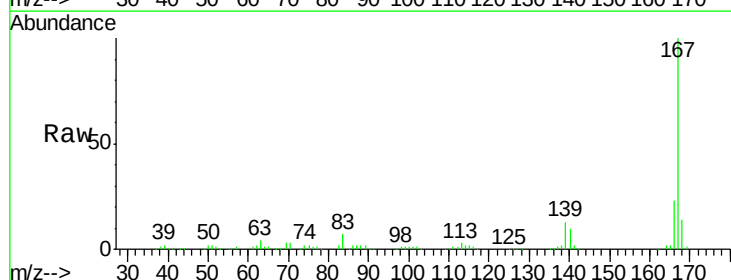
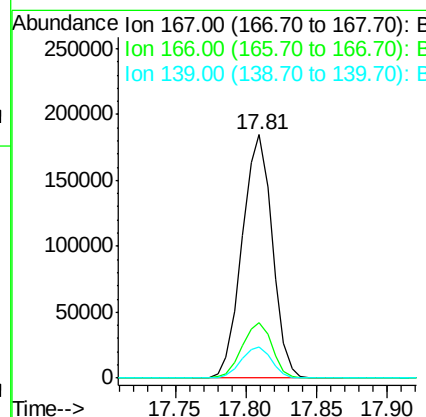
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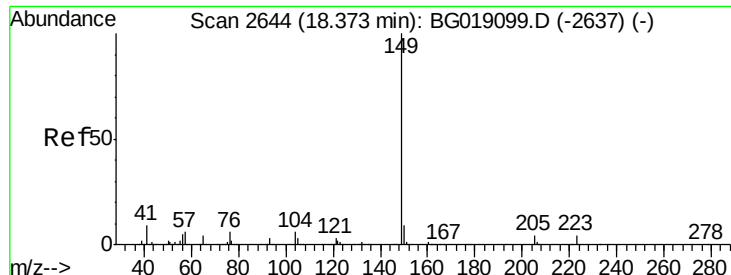
MMdadoda
 10/12/2015 7:00:53 PM



#72
 Carbazole
 Concen: 40.25 ng
 RT: 17.81 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	19.1	28.7
139	12.7	11.2	16.8





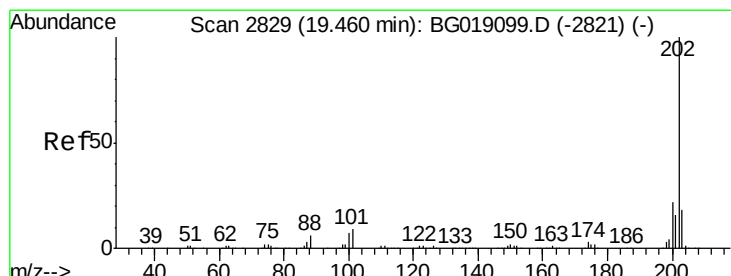
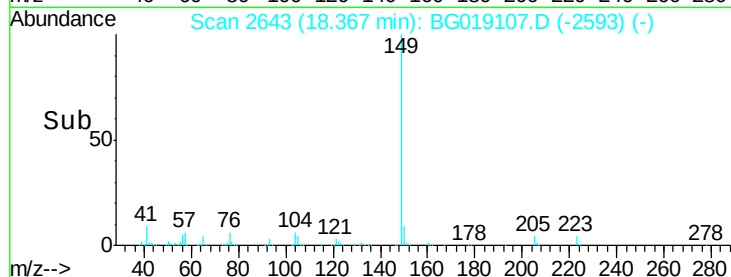
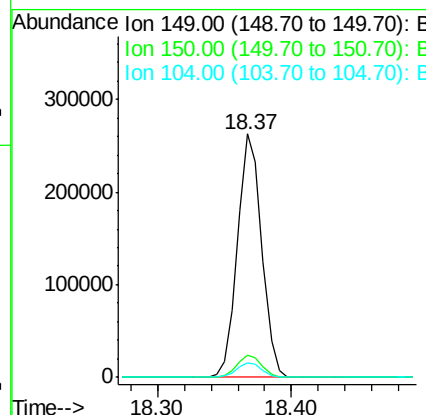
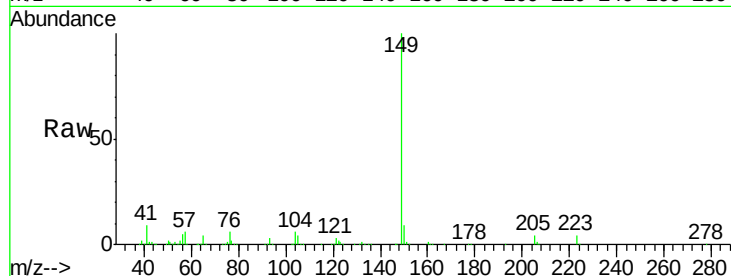
#73
Di-n-butylphthalate
Concen: 39.55 ng
RT: 18.37 min Scan# 2643
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Instrument :
BNA_G
ClientSampleId :
PB85978BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.3	7.5	11.3
104	5.9	5.0	7.6

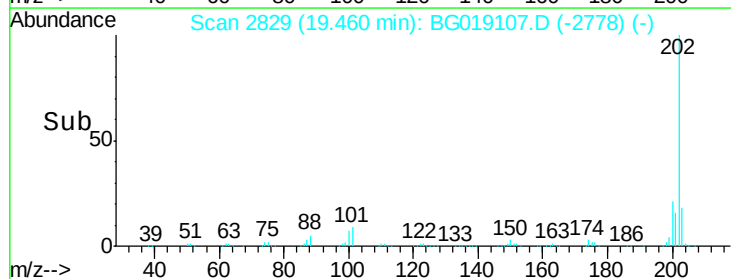
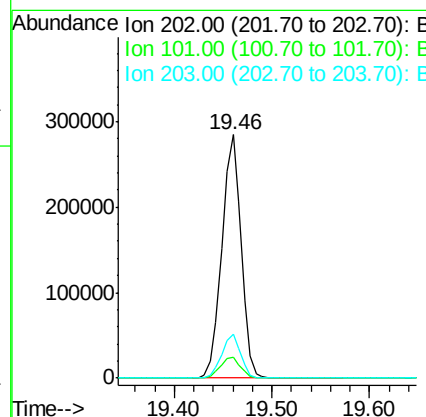
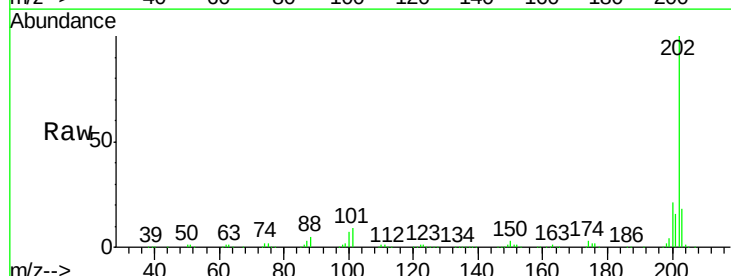
Manual Integrations
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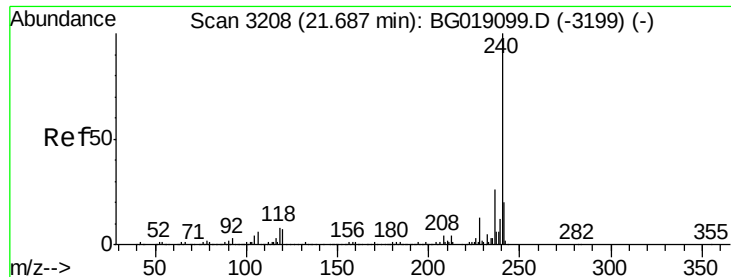
MMdadoda
10/12/2015 7:00:53 PM



#74
Fluoranthene
Concen: 41.23 ng
RT: 19.46 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.5	0.0	28.9
203	18.2	0.0	38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.68 min Scan# 3207

Delta R.T. -0.01 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

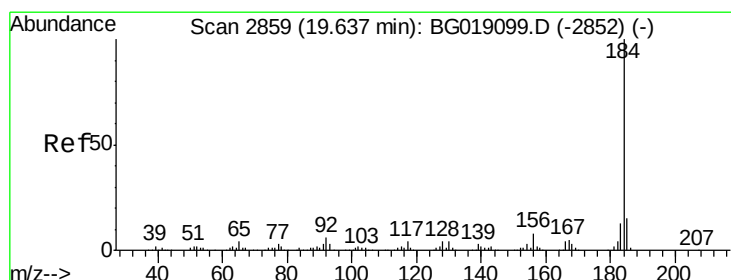
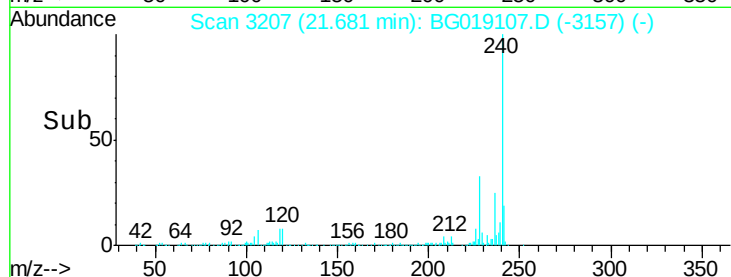
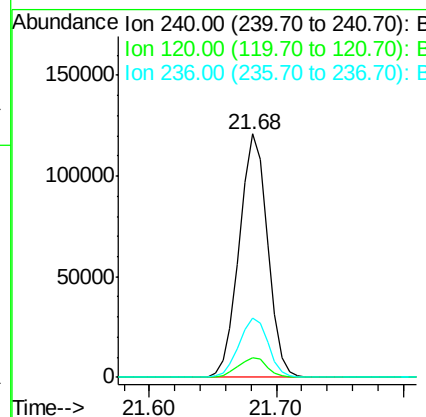
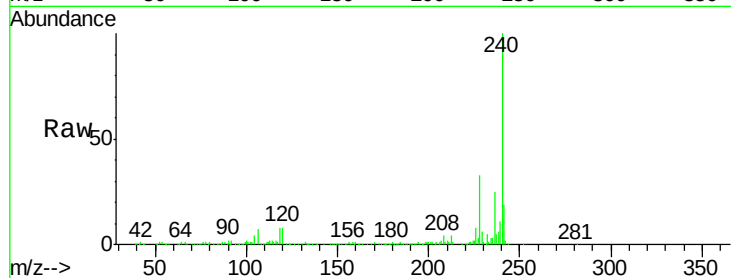
ClientSampleId :

PB85978BS

Tgt Ion:	240	Resp:	186376
Ion Ratio	Lower	Upper	
240	100		
120	8.3	5.8	8.6
236	24.6	21.2	31.8

Manual Integrations
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#76

Benzidine

Concen: 25.77 ng

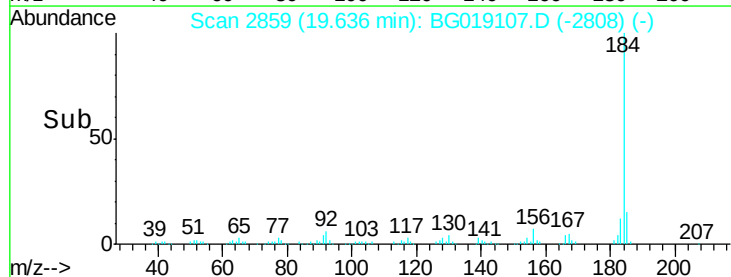
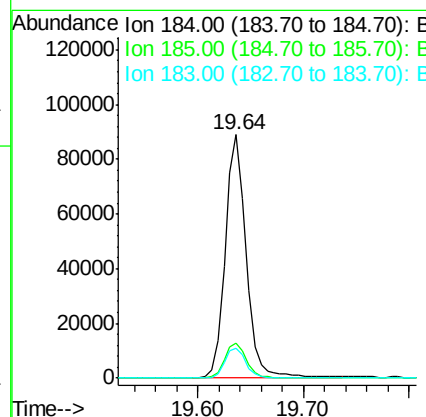
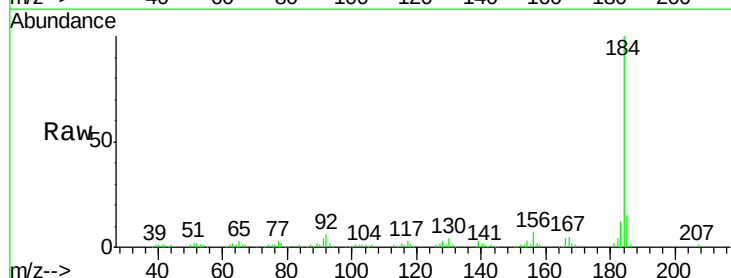
RT: 19.64 min Scan# 2859

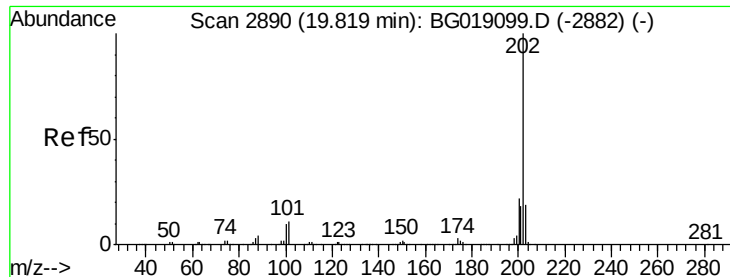
Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Tgt Ion:	184	Resp:	123229
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.9	17.9
183	12.1	10.1	15.1





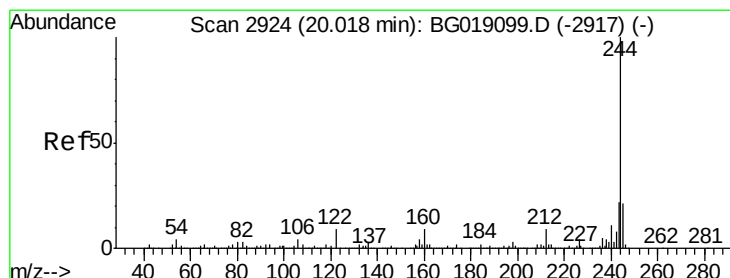
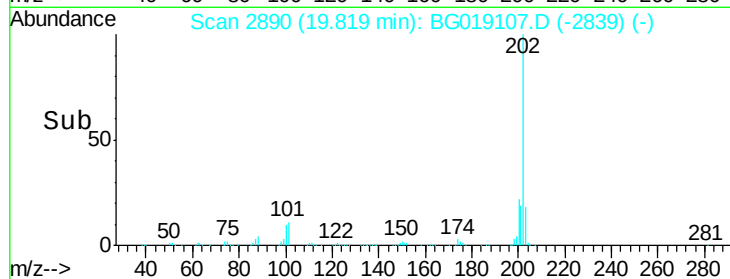
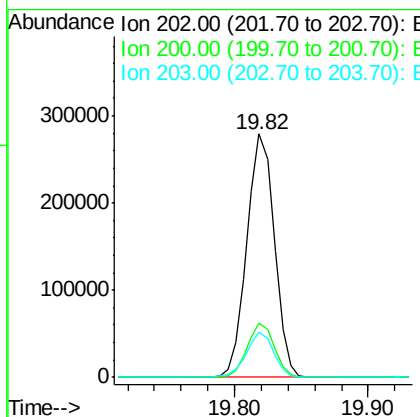
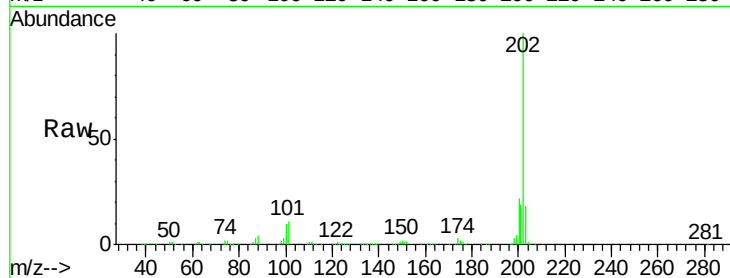
#77
 Pyrene
 Concen: 38.04 ng
 RT: 19.82 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	397018		
200	22.0	17.4	26.2	
203	18.4	14.8	22.2	

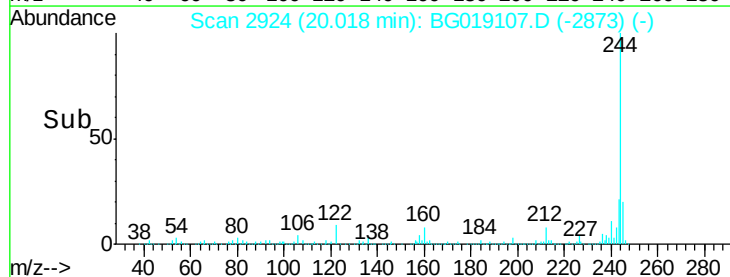
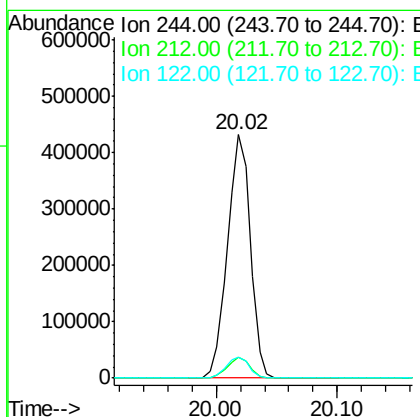
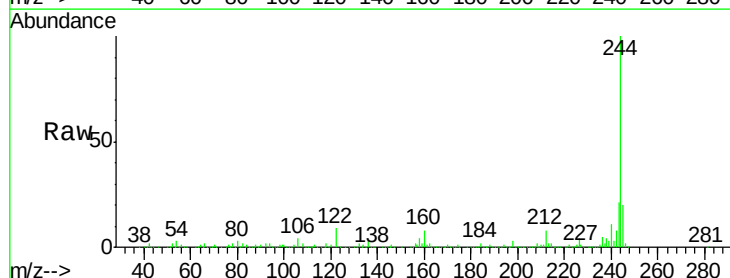
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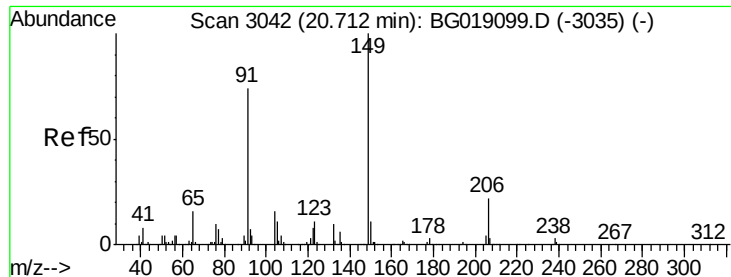
MMdadoda
 10/12/2015 7:00:53 PM



#78
 Terphenyl-d14
 Concen: 80.63 ng
 RT: 20.02 min Scan# 2924
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	568860		
212	8.4	6.8	10.2	
122	8.8	7.4	11.2	





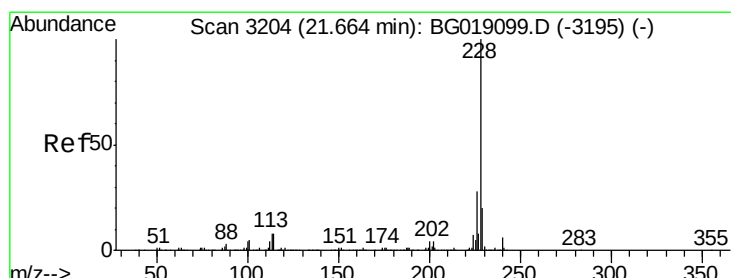
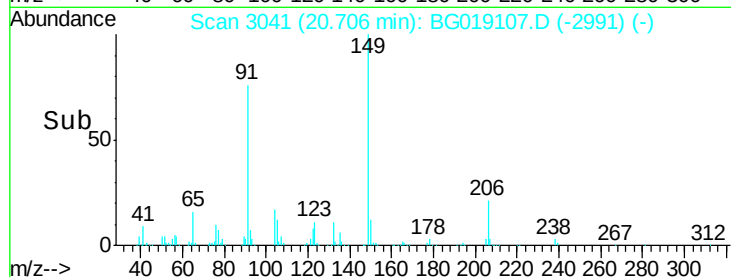
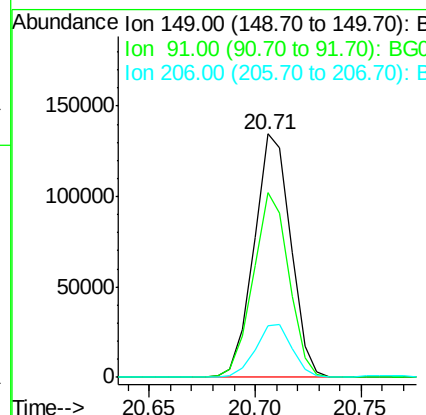
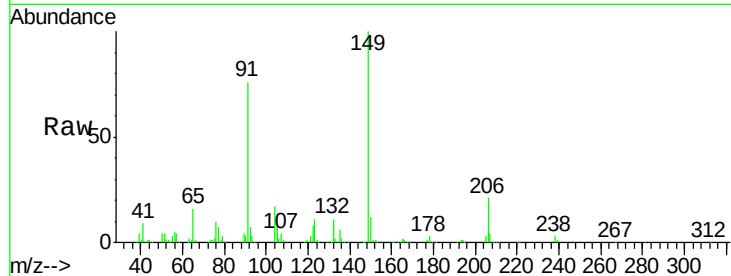
#79
Butylbenzylphthalate
Concen: 38.16 ng
RT: 20.71 min Scan# 3041
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Instrument :
BNA_G
ClientSampleId :
PB85978BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	75.7	59.2	88.8
206	21.4	17.5	26.3

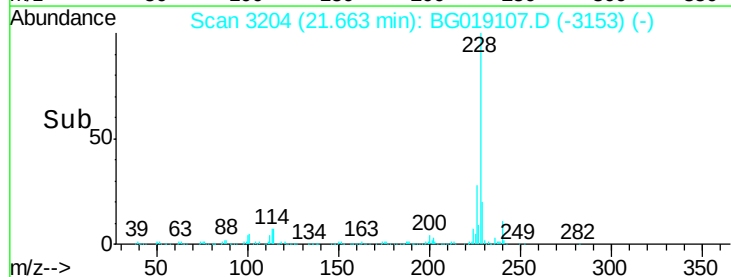
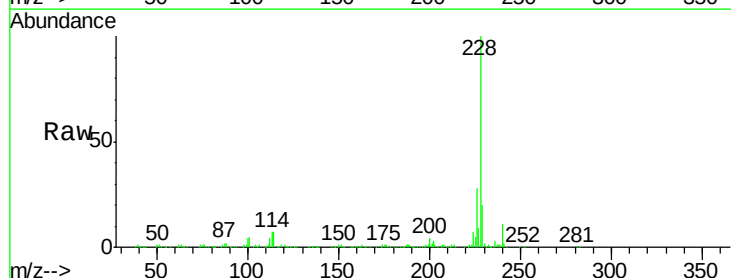
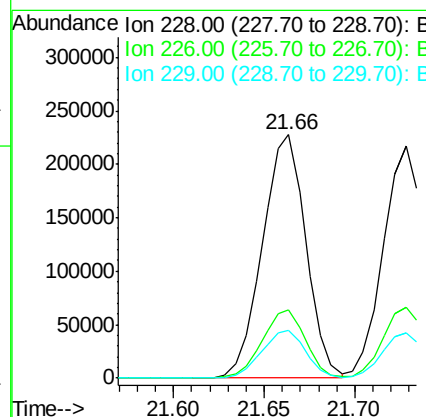
Manual Integrations
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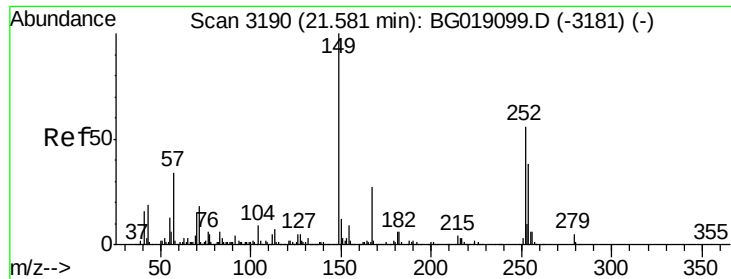
MMdadoda
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#80
Benzo(a)anthracene
Concen: 38.04 ng
RT: 21.66 min Scan# 3204
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.0	22.4	33.6
229	19.6	16.2	24.2





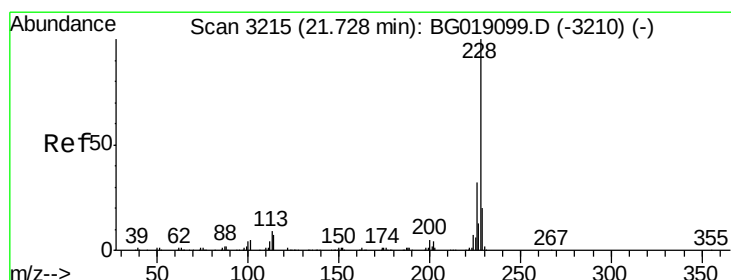
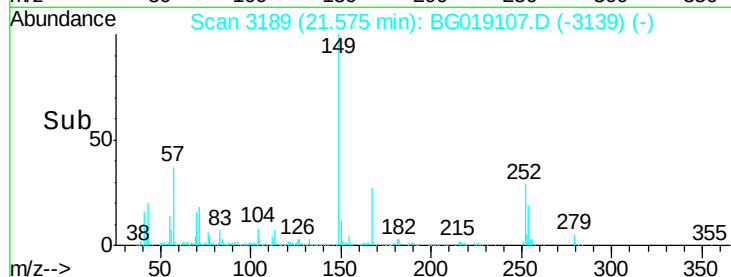
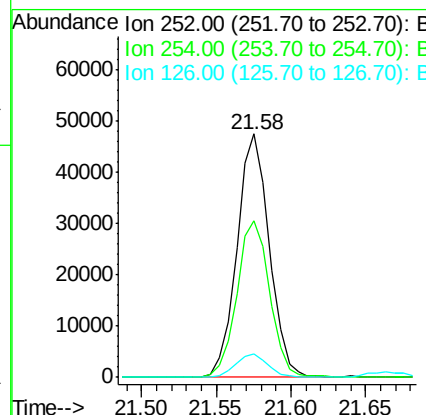
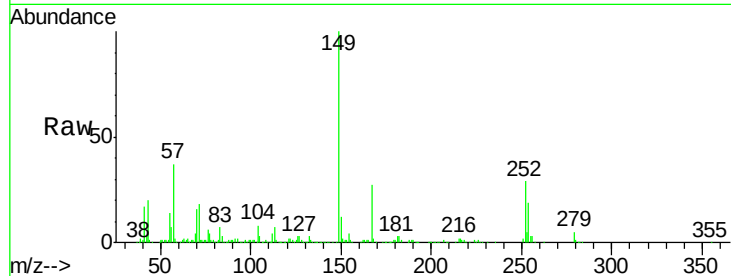
#81
 3,3'-Dichlorobenzidine
 Concen: 19.35 ng
 RT: 21.58 min Scan# 3189
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.3	53.9	80.9
126	9.4	7.0	10.6

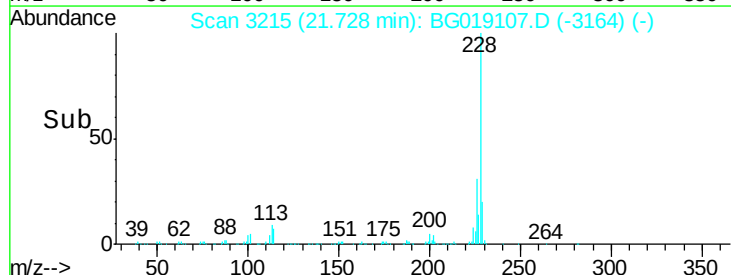
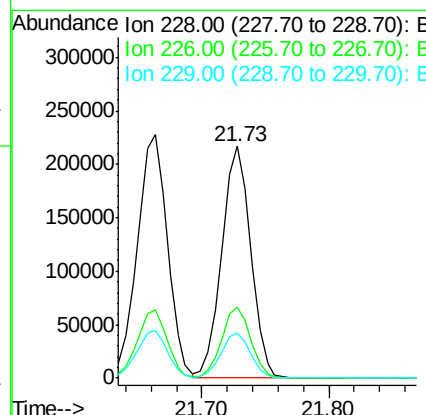
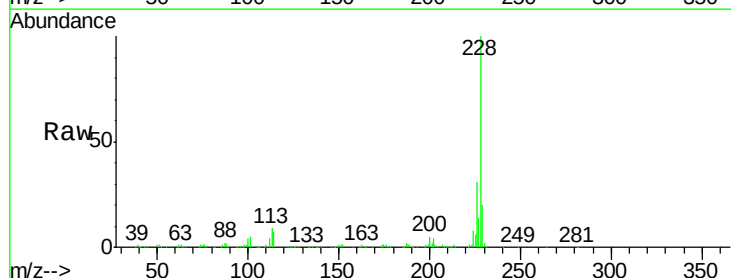
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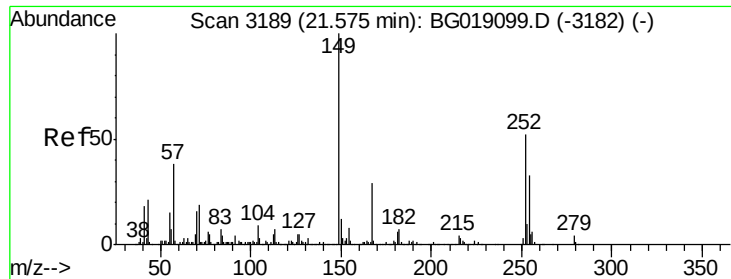
MMdadoda
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#82
 Chrysene
 Concen: 36.29 ng
 RT: 21.73 min Scan# 3215
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.8	25.2	37.8
229	19.7	16.3	24.5





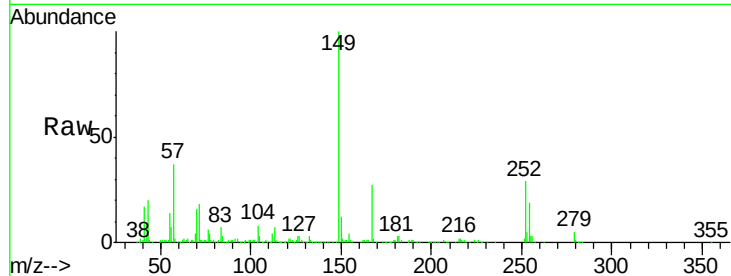
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.68 ng
 RT: 21.58 min Scan# 3189
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS

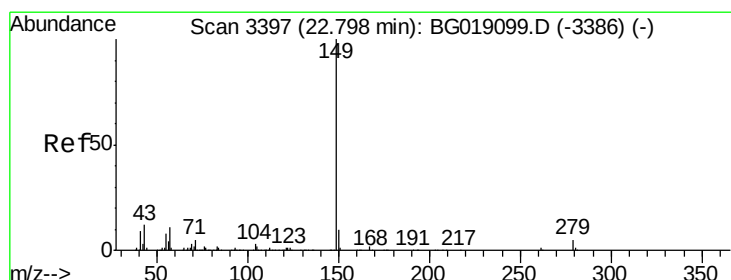
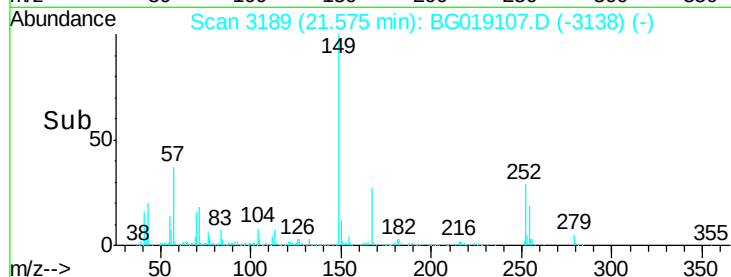
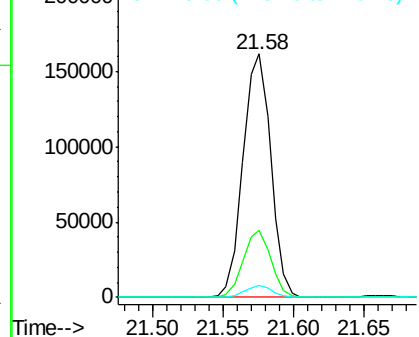
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	222558		
167	27.4	22.8	34.2	
279	4.8	3.6	5.4	

Manual Integrations
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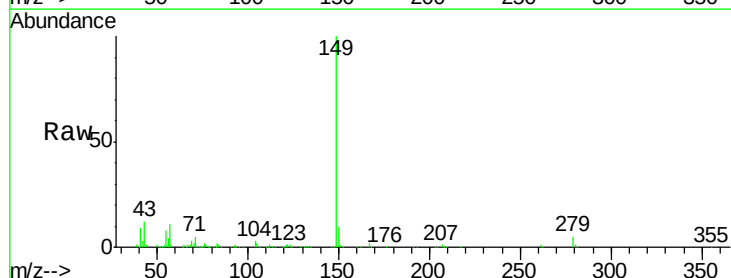


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

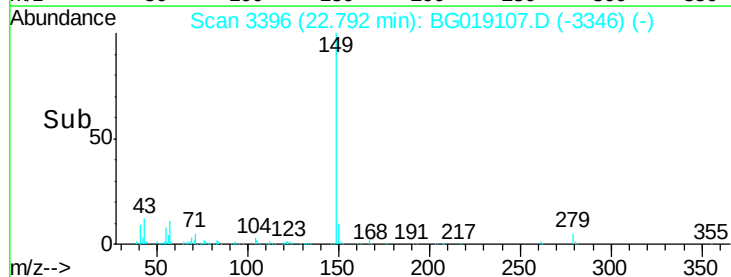
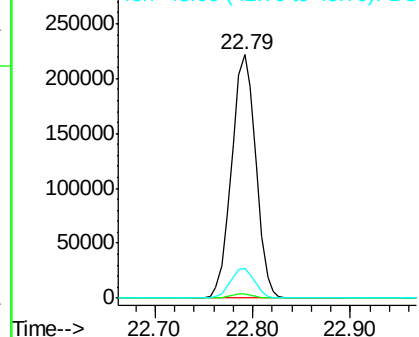


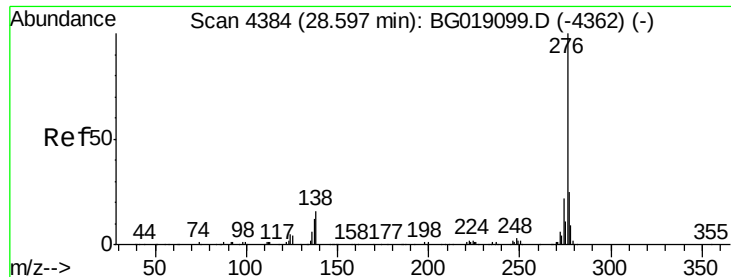
#84
 Di-n-octyl phthalate
 Concen: 37.38 ng
 RT: 22.79 min Scan# 3396
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	381363		
167	1.6	1.3	1.9	
43	12.3	10.1	15.1	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGO





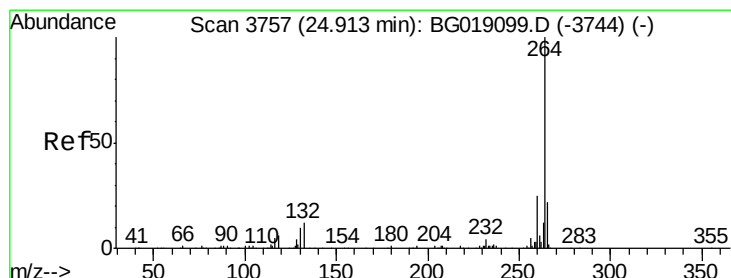
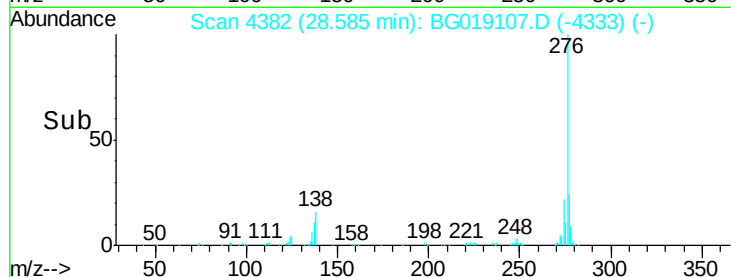
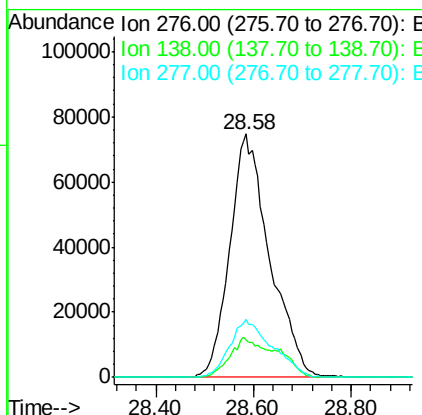
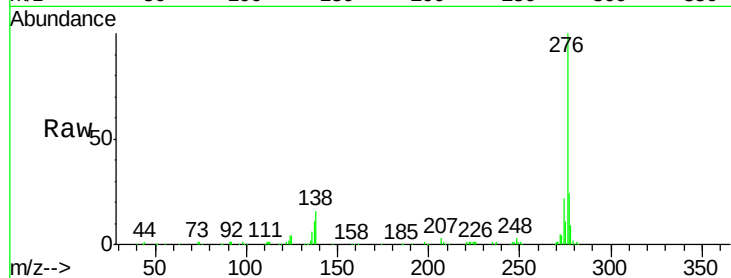
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.70 ng
 RT: 28.58 min Scan# 4382
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	14.1	10.2	15.4
277	25.2	20.2	30.4

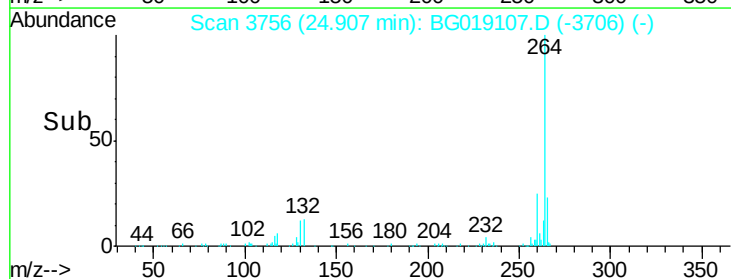
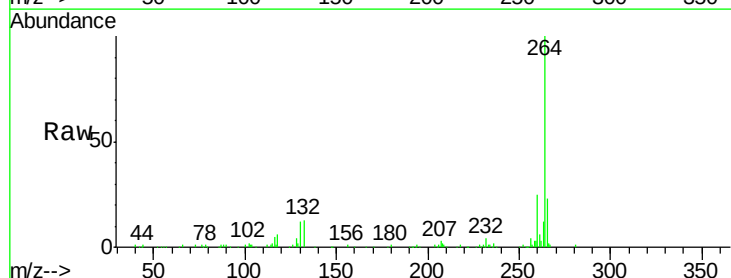
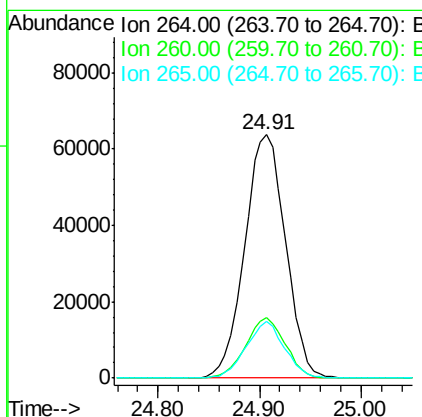
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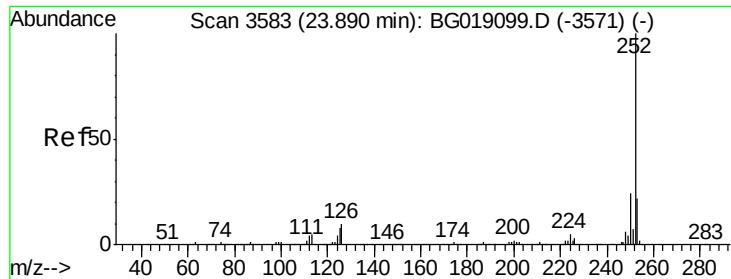
MMdadoda
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.91 min Scan# 3756
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.8	20.1	30.1
265	23.5	17.2	25.8





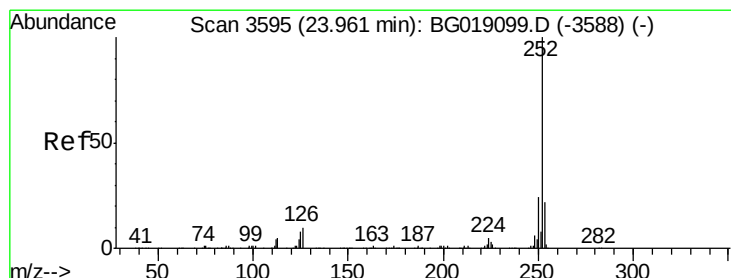
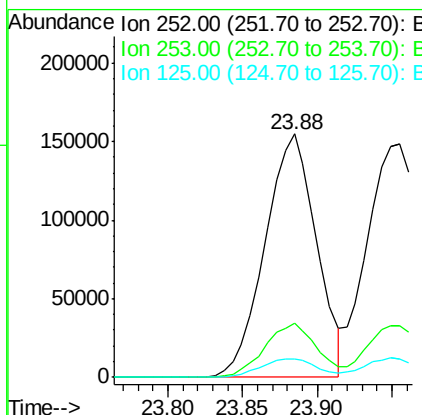
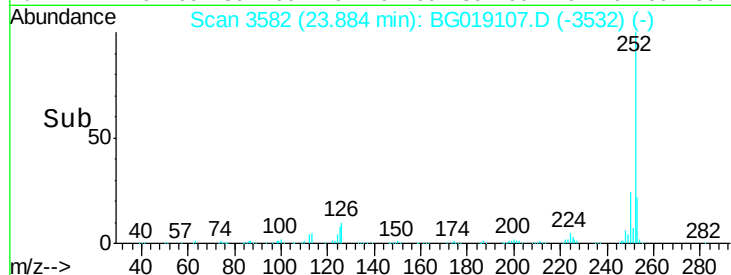
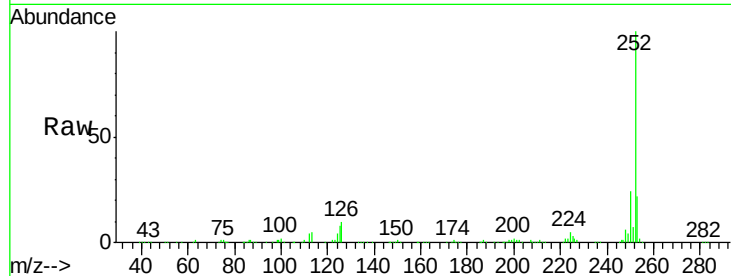
#87
Benzo(b)fluoranthene
Concen: 38.81 ng
RT: 23.88 min Scan# 3582
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Instrument :
BNA_G
ClientSampleId :
PB85978BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	7.6	6.6	9.8

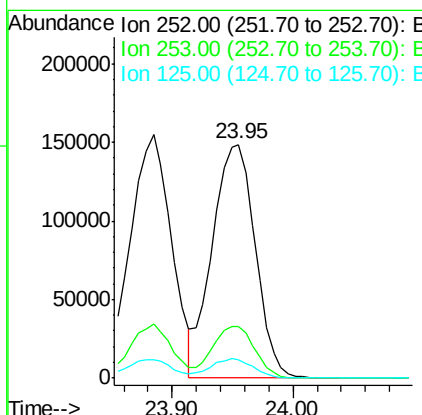
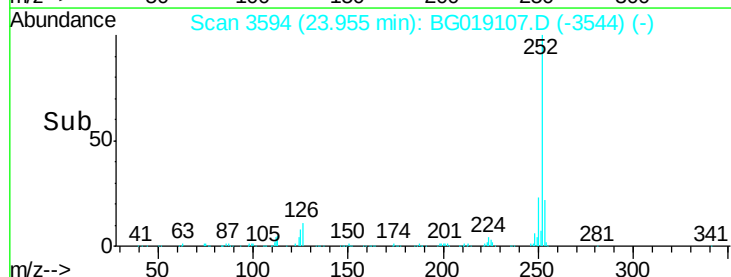
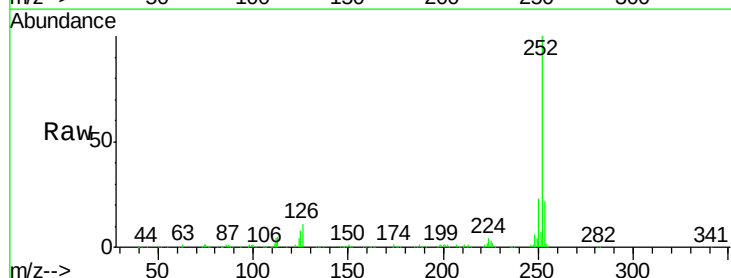
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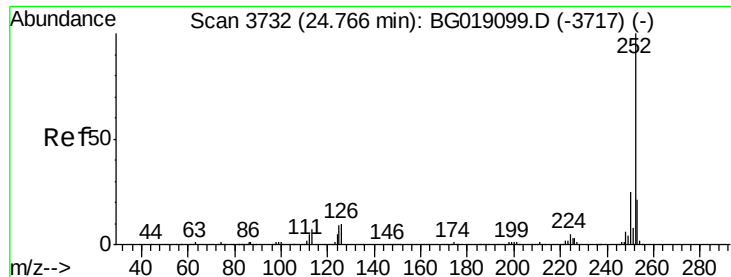
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#88
Benzo(k)fluoranthene
Concen: 38.71 ng
RT: 23.95 min Scan# 3594
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.4
125	7.6	6.4	9.6





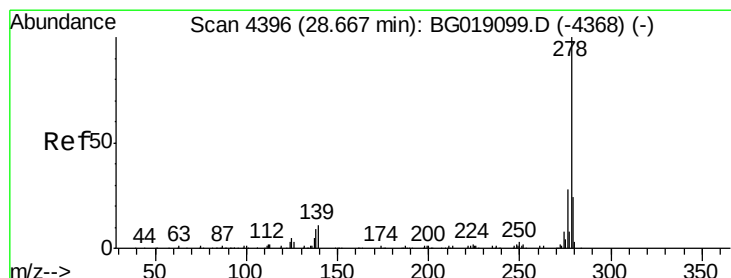
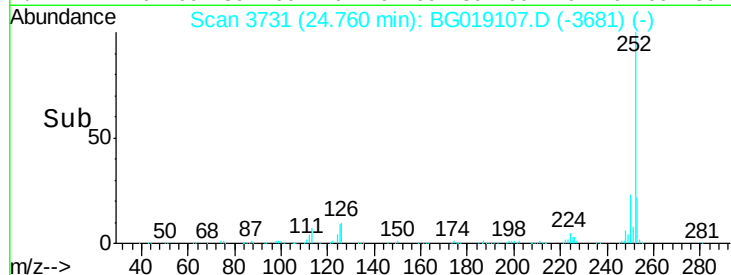
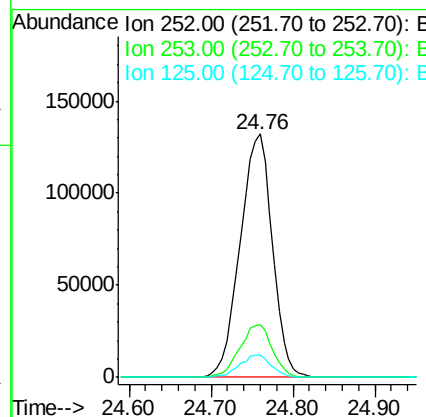
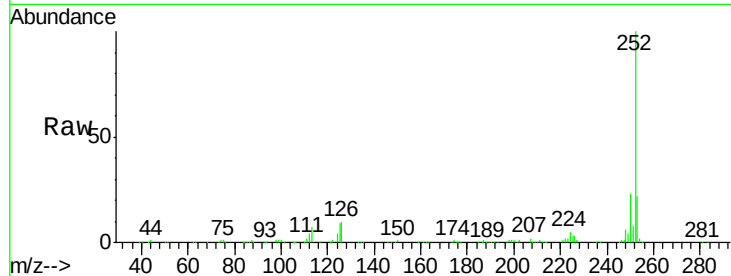
#89
Benzo(a)pyrene
Concen: 40.17 ng
RT: 24.76 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Instrument :
BNA_G
ClientSampleId :
PB85978BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.7	17.0	25.4
125	8.9	7.2	10.8

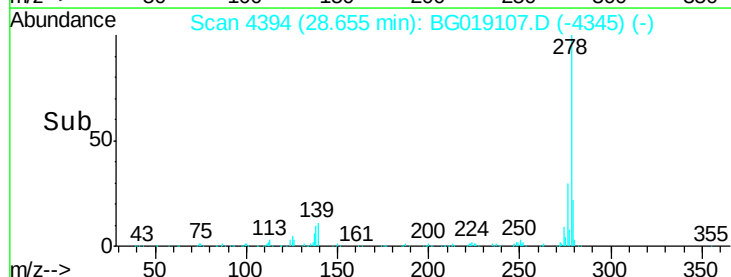
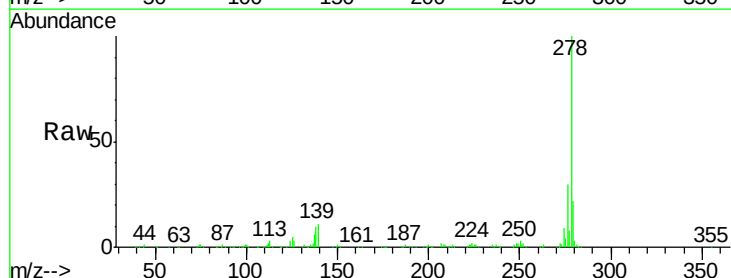
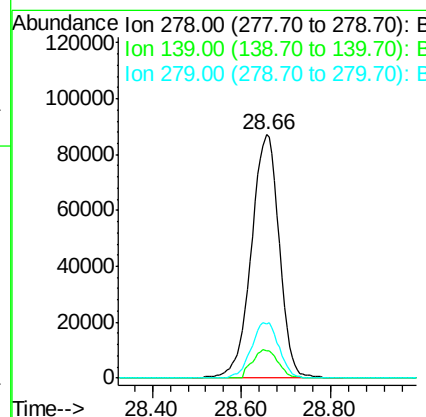
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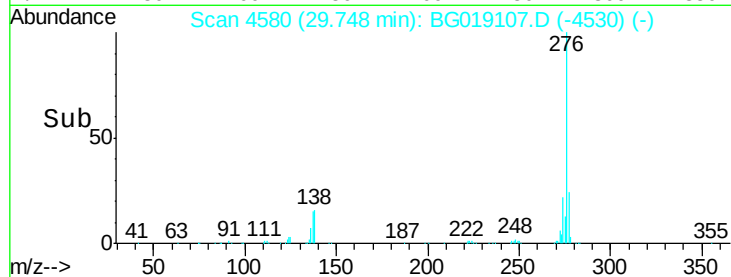
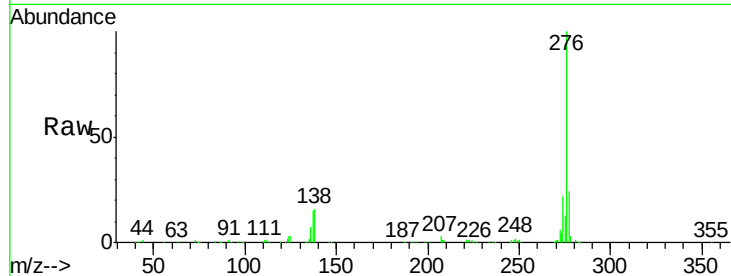
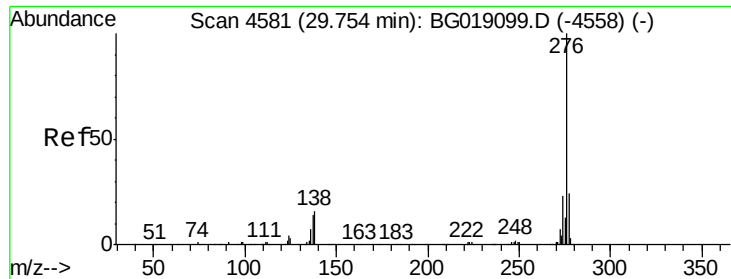
MMdadoda
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#90
Dibenzo(a,h)anthracene
Concen: 38.47 ng
RT: 28.66 min Scan# 4394
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	11.4	8.6	12.8
279	22.0	19.5	29.3





#91

Benzo(g,h,i)perylene

Concen: 38.42 ng

RT: 29.75 min Scan# 4580

Delta R.T. -0.01 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

PB85978BS

Tgt Ion:	276	Resp:	346550
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.5	29.3
138	16.2	13.0	19.6

Manual Integrations
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