

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
 Data File : BG019109.D
 Acq On : 10 Oct 2015 9:51
 Operator : UM/NP
 Sample : PB85979BSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BSD

Manual Integrations
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MMdadoda
 10/12/2015 7:00:58 PM

Quant Time: Oct 12 05:33:54 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	20466	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	89810	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	63614	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	167987	20.00	ng	0.00
75) Chrysene-d12	21.68	240	205473	20.00	ng	0.00
86) Perylene-d12	24.91	264	199558	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	88496	88.04	ng	0.00
7) Phenol-d6	7.20	99	134542	87.13	ng	0.00
23) Nitrobenzene-d5	9.19	82	131634	80.98	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	74683	86.15	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	326176	78.84	ng	0.00
78) Terphenyl-d14	20.02	244	639203	82.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	12537	29.66	ng	94
3) Pyridine	3.90	79	39562	30.61	ng	96
4) n-Nitrosodimethylamine	3.81	42	25963	35.43	ng	# 97
6) Aniline	7.36	93	51717	24.74	ng	97
8) 2-Chlorophenol	7.60	128	52686	41.77	ng	97
9) Benzaldehyde	7.17	77	39600	40.71	ng	98
10) Phenol	7.22	94	69093	42.97	ng	99
11) bis(2-Chloroethyl)ether	7.45	93	46630	38.38	ng	99
12) 1,3-Dichlorobenzene	7.92	146	51977	37.75	ng	98
13) 1,4-Dichlorobenzene	8.07	146	52228	37.06	ng	97
14) 1,2-Dichlorobenzene	8.39	146	51423	37.71	ng	96
15) Benzyl Alcohol	8.27	79	56431	40.90	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	102832	39.51	ng	99
17) 2-Methylphenol	8.47	107	49187	42.83	ng	95
18) Hexachloroethane	9.12	117	19744	36.77	ng	91
19) n-Nitroso-di-n-propylamine	8.83	70	44657	36.45	ng	97
20) 3+4-Methylphenols	8.80	107	69851	42.23	ng	98
22) Acetophenone	8.85	105	83282	39.66	ng	# 97
24) Nitrobenzene	9.24	77	67063	38.89	ng	97
25) Isophorone	9.76	82	125651	38.00	ng	98
26) 2-Nitrophenol	9.95	139	29013	39.46	ng	99
27) 2,4-Dimethylphenol	10.01	122	55514	43.20	ng	97
28) bis(2-Chloroethoxy)methane	10.24	93	69519	39.40	ng	97
29) 2,4-Dichlorophenol	10.48	162	60095	44.61	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	54890	37.96	ng	97
31) Naphthalene	10.89	128	166664	38.56	ng	99
32) Benzoic acid	10.14	122	26077	35.17	ng	92
33) 4-Chloroaniline	10.99	127	32319	16.09	ng	98
34) Hexachlorobutadiene	11.18	225	37765	38.09	ng	91
35) Caprolactam	11.76	113	21908m	44.15	ng	
36) 4-Chloro-3-methylphenol	12.12	107	73524	42.94	ng	96
37) 2-Methylnaphthalene	12.49	142	133314	39.70	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	71765	39.25	ng	97
40) Hexachlorocyclopentadiene	12.84	237	89260	93.86	ng	97

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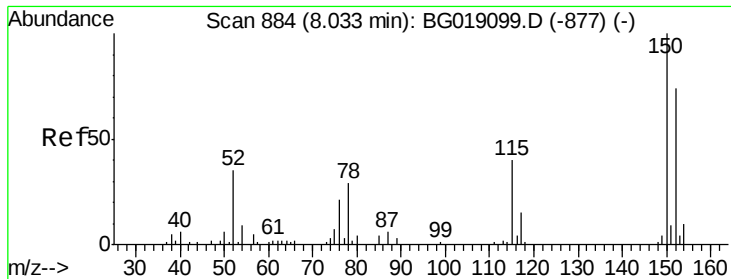
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	51522	40.48	ng	97
43) 2,4,5-Trichlorophenol	13.17	196	57620	42.60	ng	95
45) 1,1'-Biphenyl	13.50	154	178530	38.64	ng	99
46) 2-Chloronaphthalene	13.54	162	141939	39.93	ng	97
47) 2-Nitroaniline	13.74	65	57089	40.00	ng	93
48) Acenaphthylene	14.38	152	248923	39.71	ng	99
49) Dimethylphthalate	14.11	163	202630	40.33	ng	99
50) 2,6-Dinitrotoluene	14.23	165	45134	42.05	ng	98
51) Acenaphthene	14.73	154	144832	38.42	ng	98
52) 3-Nitroaniline	14.56	138	25611	21.63	ng	# 98
53) 2,4-Dinitrophenol	14.77	184	52653	82.23	ng	91
54) Dibenzofuran	15.06	168	231730	41.60	ng	97
55) 4-Nitrophenol	14.88	139	80103	89.37	ng	97
56) 2,4-Dinitrotoluene	15.02	165	68222	43.72	ng	96
57) Fluorene	15.71	166	196694	40.71	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.28	232	57646	45.02	ng	99
59) Diethylphthalate	15.48	149	215594	41.31	ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	101065	41.05	ng	98
61) 4-Nitroaniline	15.72	138	51218	39.79	ng	91
62) Azobenzene	15.99	77	204893	42.34	ng	97
64) 4,6-Dinitro-2-methylphenol	15.78	198	38033	41.47	ng	97
65) n-Nitrosodiphenylamine	15.91	169	181906	39.18	ng	98
66) 4-Bromophenyl-phenylether	16.59	248	70018	41.01	ng	99
67) Hexachlorobenzene	16.71	284	81119	40.46	ng	98
68) Atrazine	16.86	200	80253	41.98	ng	98
69) Pentachlorophenol	17.06	266	93128	89.11	ng	97
70) Phenanthrene	17.45	178	349950	40.48	ng	100
71) Anthracene	17.54	178	357757	41.37	ng	99
72) Carbazole	17.81	167	334675	41.34	ng	98
73) Di-n-butylphthalate	18.37	149	408474	41.20	ng	100
74) Fluoranthene	19.46	202	456668	41.05	ng	99
76) Benzidine	19.64	184	156839	29.75	ng	99
77) Pyrene	19.82	202	469700	40.82	ng	99
79) Butylbenzylphthalate	20.71	149	186049	39.68	ng	95
80) Benzo(a)anthracene	21.66	228	444959	40.40	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	84220	20.67	ng	98
82) Chrysene	21.73	228	402161	38.47	ng	98
83) Bis(2-ethylhexyl)phthalate	21.58	149	261543	40.16	ng	98
84) Di-n-octyl phthalate	22.79	149	446352	39.68	ng	100
85) Indeno(1,2,3-cd)pyrene	28.60	276	508358	39.96	ng	100
87) Benzo(b)fluoranthene	23.89	252	444870	41.46	ng	99
88) Benzo(k)fluoranthene	23.96	252	425482	40.17	ng	98
89) Benzo(a)pyrene	24.75	252	425029	41.93	ng	98
90) Dibenzo(a,h)anthracene	28.66	278	444511	40.84	ng	99
91) Benzo(g,h,i)perylene	29.74	276	415018	41.00	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG019109.D

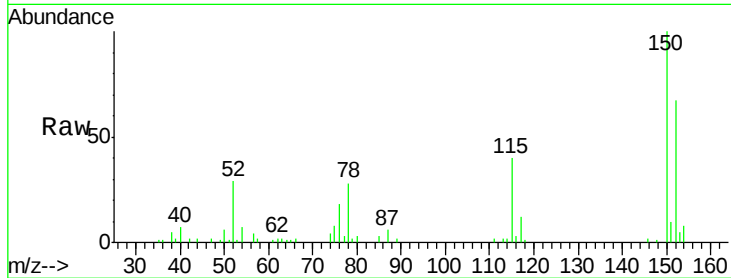
Acq: 10 Oct 2015 9:51

Instrument :

BNA_G

ClientSampleId :

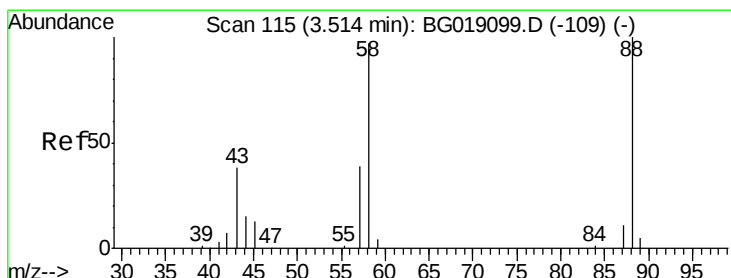
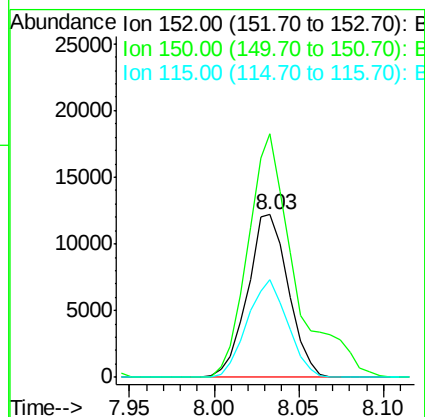
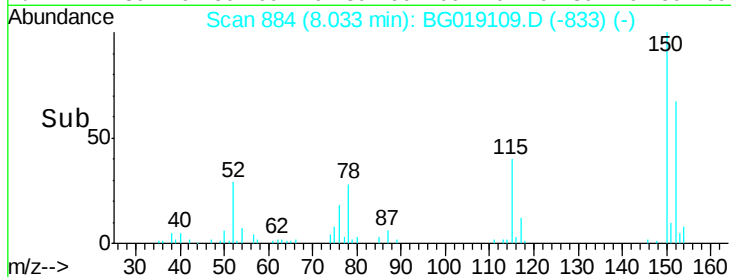
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Tgt Ion:	152	Resp:	20466
Ion Ratio	Lower	Upper	
152	100		
150	149.9	108.2	162.2
115	60.0	43.2	64.8

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#2

1,4-Dioxane

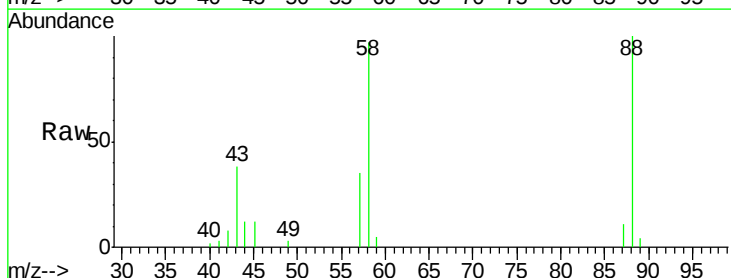
Concen: 29.66 ng

RT: 3.51 min Scan# 114

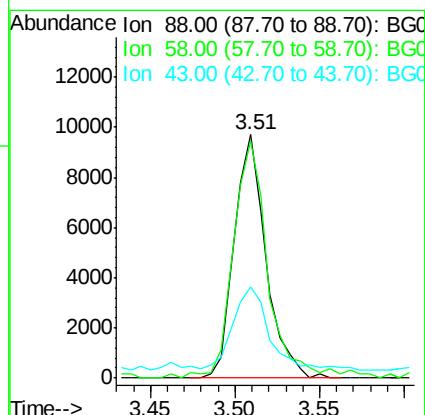
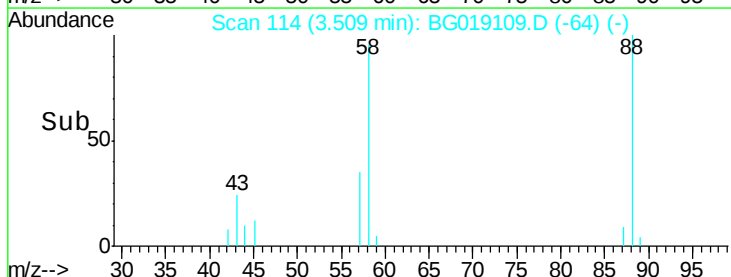
Delta R.T. -0.01 min

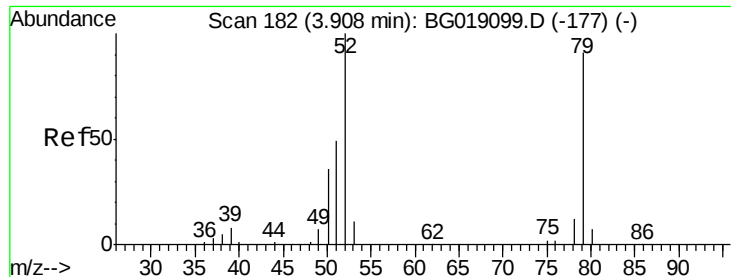
Lab File: BG019109.D

Acq: 10 Oct 2015 9:51



Tgt Ion:	88	Resp:	12537
Ion Ratio	Lower	Upper	
88	100		
58	109.0	81.1	121.7
43	40.9	31.0	46.6





#3

Pyridine

Concen: 30.61 ng

RT: 3.90 min Scan# 181

Delta R.T. -0.01 min

Lab File: BG019109.D

Acq: 10 Oct 2015 9:51

Instrument :

BNA_G

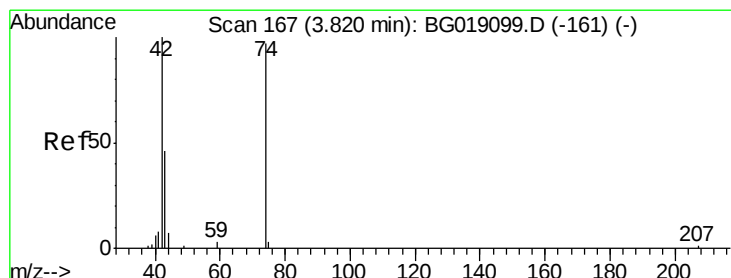
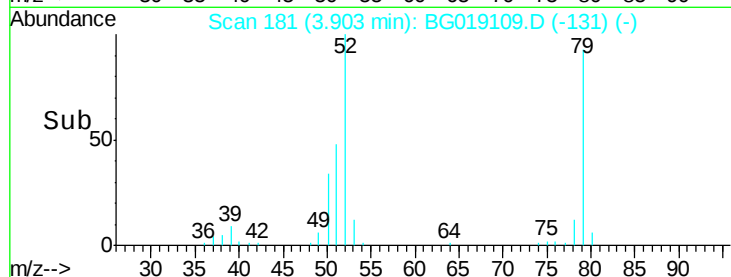
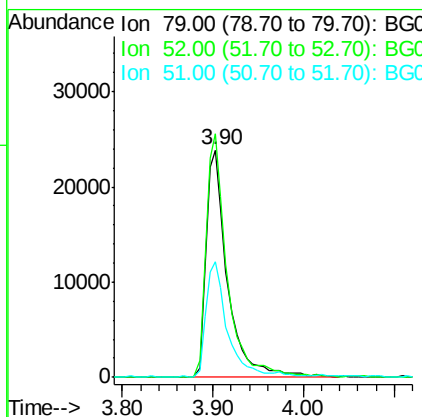
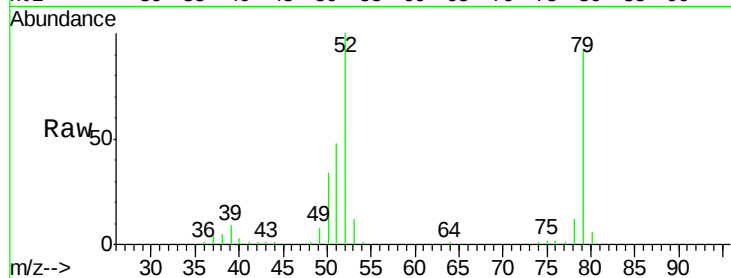
ClientSampleId :

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Tgt Ion:	79	Resp:	39562
Ion	Ratio	Lower	Upper
79	100		
52	107.1	88.3	132.5
51	50.9	44.6	66.8

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#4

n-Nitrosodimethylamine

Concen: 35.43 ng

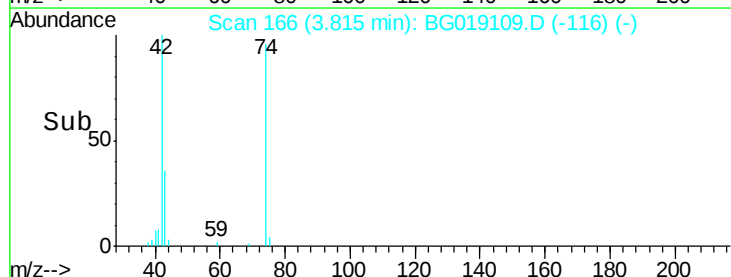
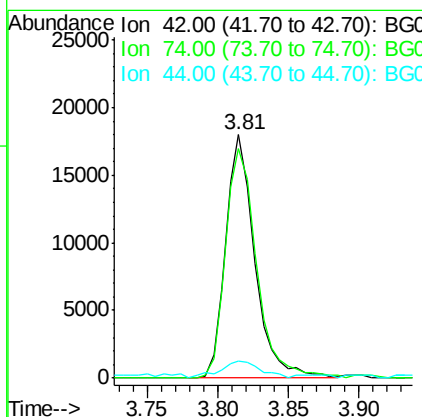
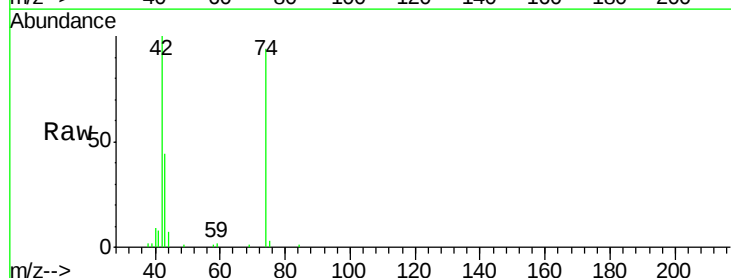
RT: 3.81 min Scan# 166

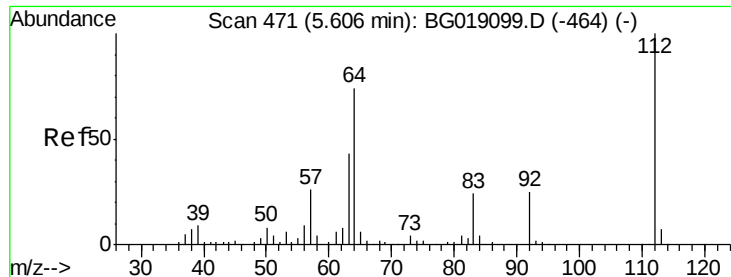
Delta R.T. -0.01 min

Lab File: BG019109.D

Acq: 10 Oct 2015 9:51

Tgt Ion:	42	Resp:	25963
Ion	Ratio	Lower	Upper
42	100		
74	94.0	77.3	115.9
44	6.9	7.2	10.8#





#5

2-Fluorophenol

Concen: 88.04 ng

RT: 5.61 min Scan# 471

Delta R.T. 0.00 min

Lab File: BG019109.D

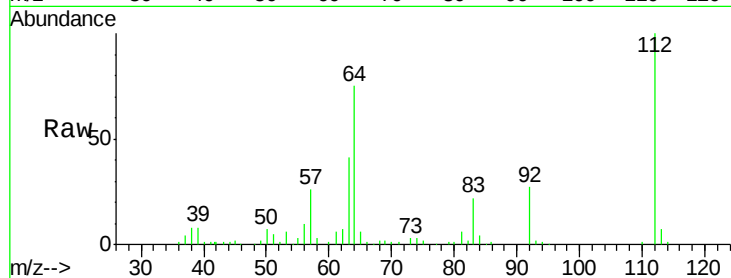
Acq: 10 Oct 2015 9:51

Instrument :

BNA_G

ClientSampleId :

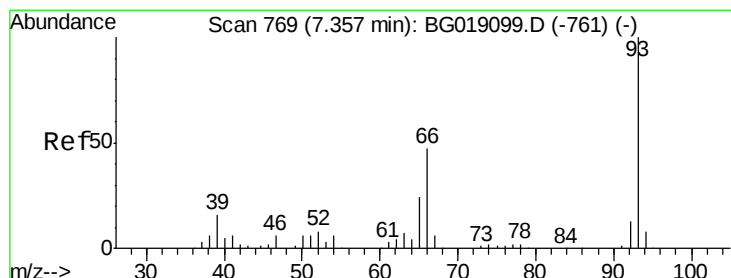
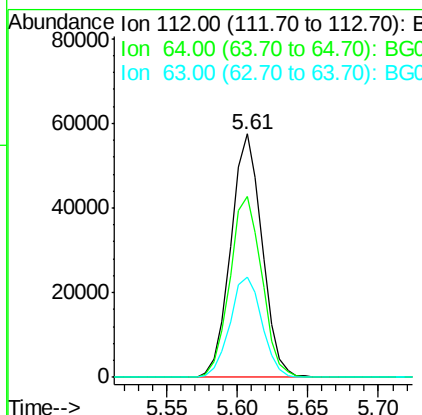
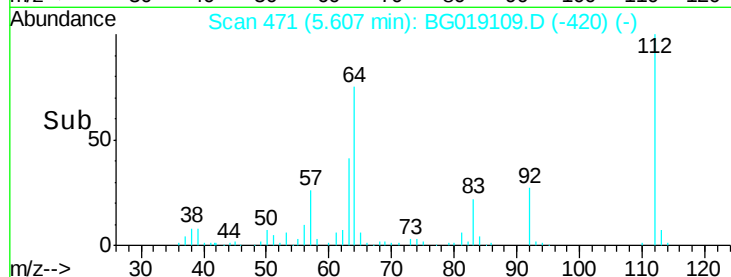
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Tgt Ion:	112	Resp:	88496
Ion Ratio	Lower	Upper	
112	100		
64	74.5	59.0	88.4
63	41.2	34.7	52.1

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#6

Aniline

Concen: 24.74 ng

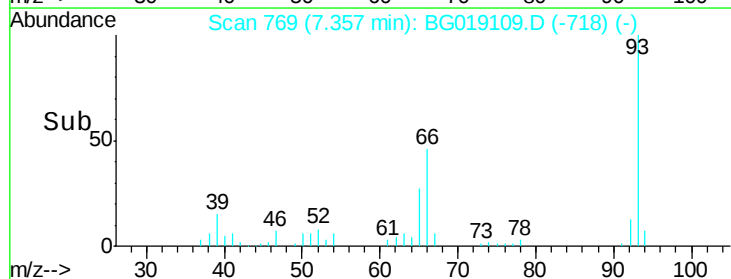
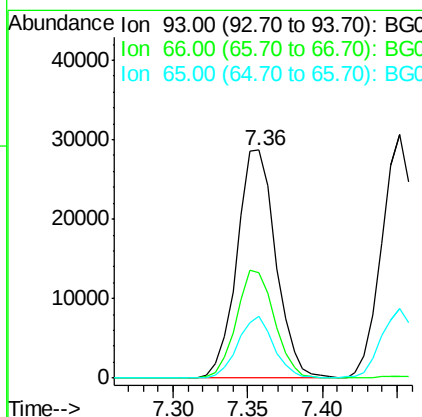
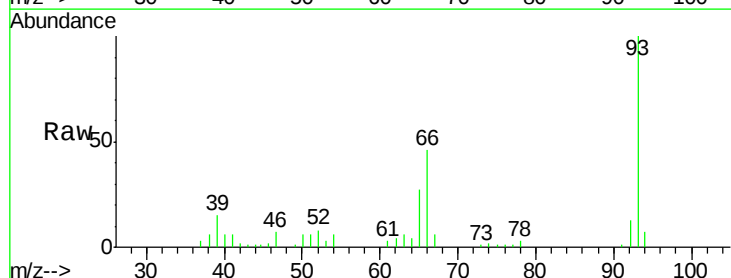
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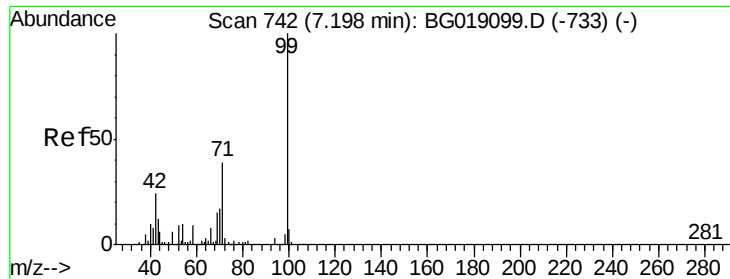
Delta R.T. 0.00 min

Lab File: BG019109.D

Acq: 10 Oct 2015 9:51

Tgt Ion:	93	Resp:	51717
Ion Ratio	Lower	Upper	
93	100		
66	46.0	37.4	56.2
65	27.2	19.6	29.4





#7

Phenol-d6

Concen: 87.13 ng

RT: 7.20 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG019109.D

Acq: 10 Oct 2015 9:51

Instrument :

BNA_G

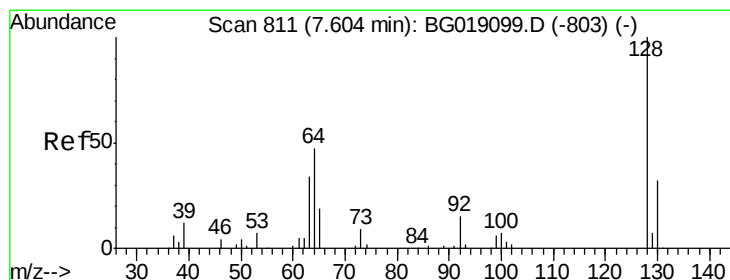
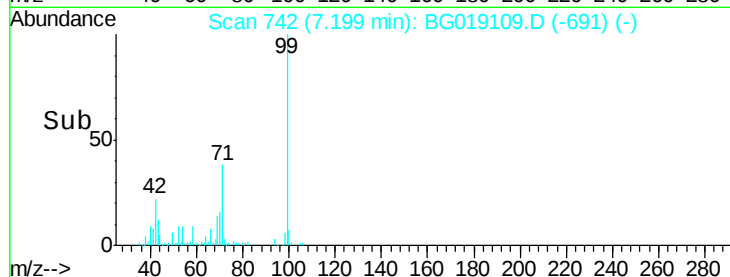
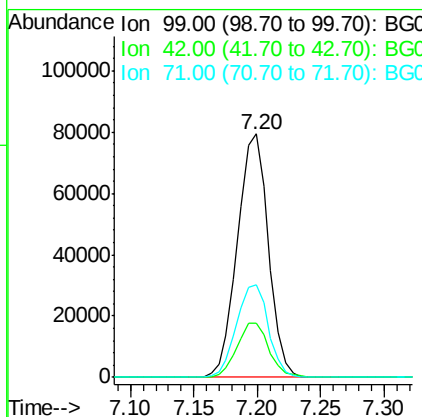
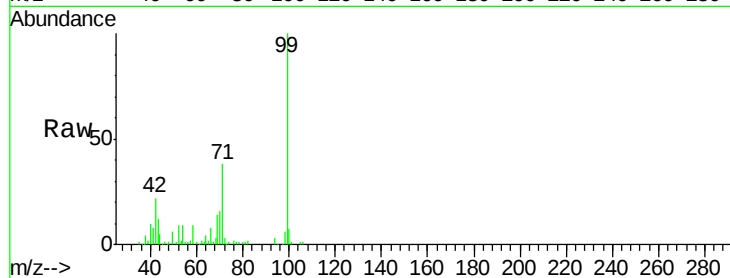
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Tgt Ion:	99	Resp:	134542
Ion Ratio	Lower	Upper	
99	100		
42	22.1	19.5	29.3
71	37.8	31.4	47.0



#8

2-Chlorophenol

Concen: 41.77 ng

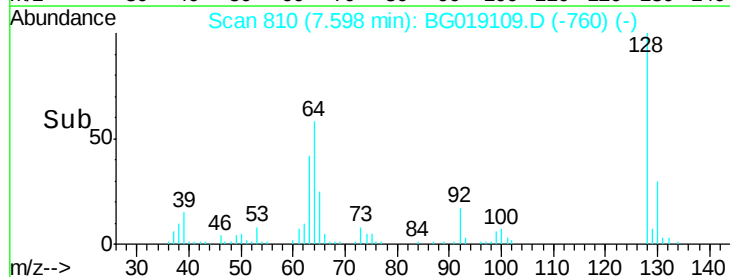
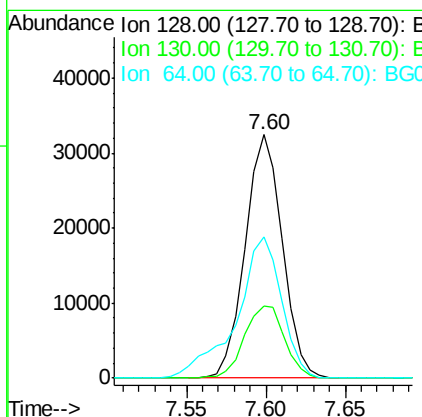
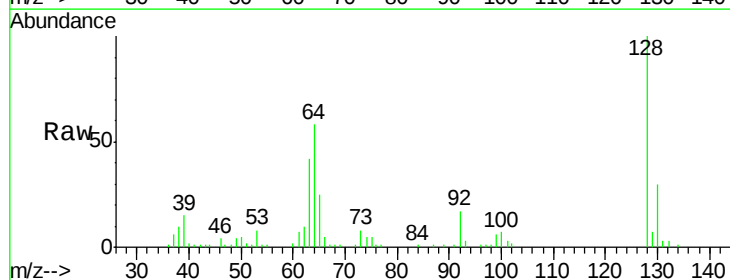
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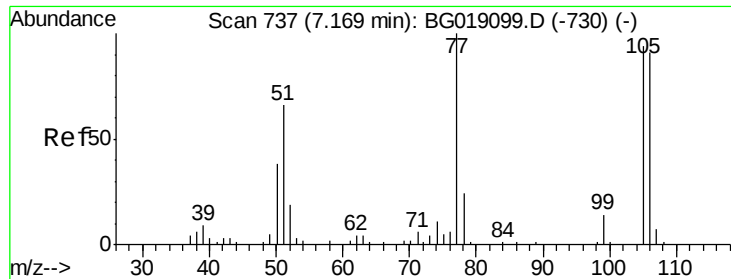
Delta R.T. -0.01 min

Lab File: BG019109.D

Acq: 10 Oct 2015 9:51

Tgt Ion:	128	Resp:	52686
Ion Ratio	Lower	Upper	
128	100		
130	29.8	12.3	52.3
64	57.8	35.8	75.8





#9

Benzaldehyde

Concen: 40.71 ng

RT: 7.17 min Scan# 737

Delta R.T. 0.00 min

Lab File: BG019109.D

Acq: 10 Oct 2015 9:51

Instrument :

BNA_G

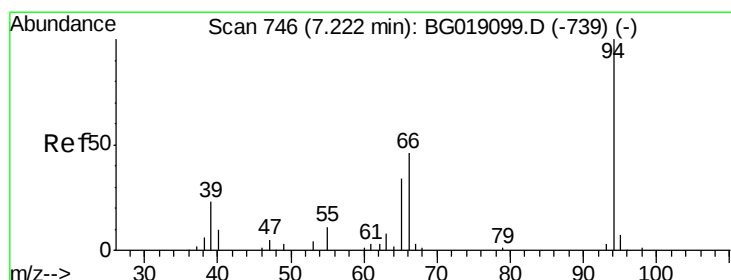
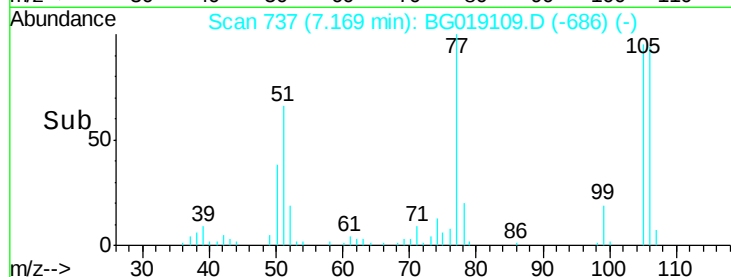
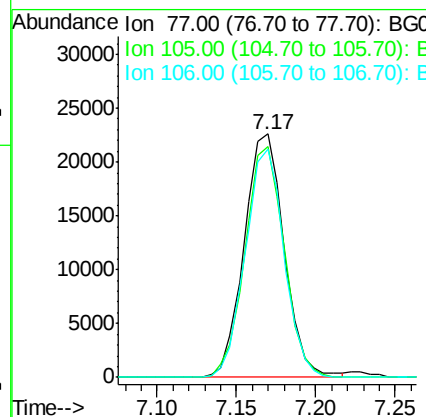
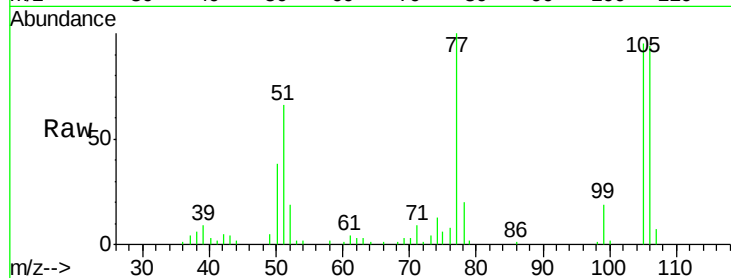
ClientSampleId :

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Tgt Ion:	77	Resp:	39600
Ion	Ratio	Lower	Upper
77	100		
105	94.9	73.7	113.7
106	94.0	71.0	111.0



#10

Phenol

Concen: 42.97 ng

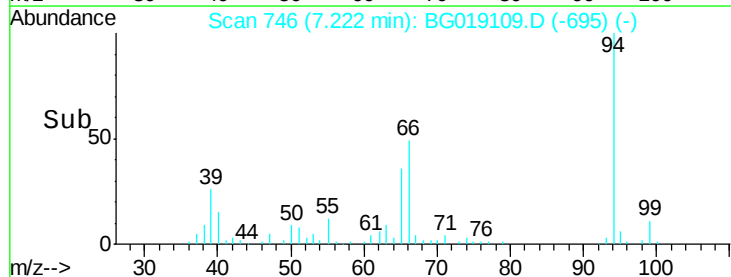
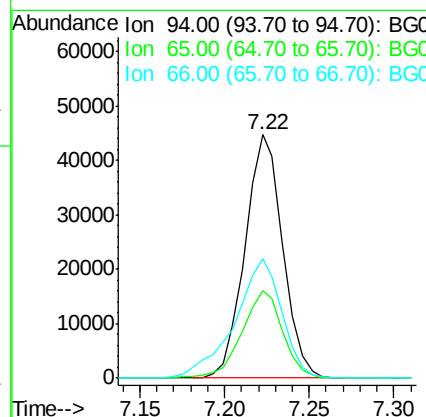
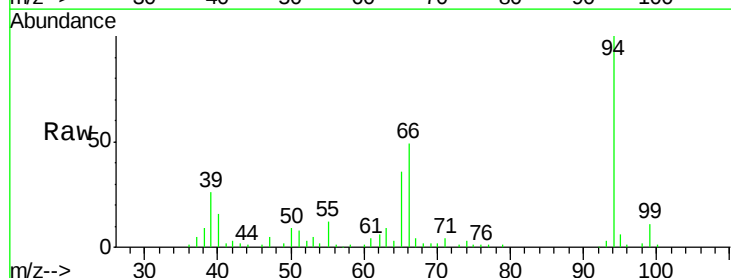
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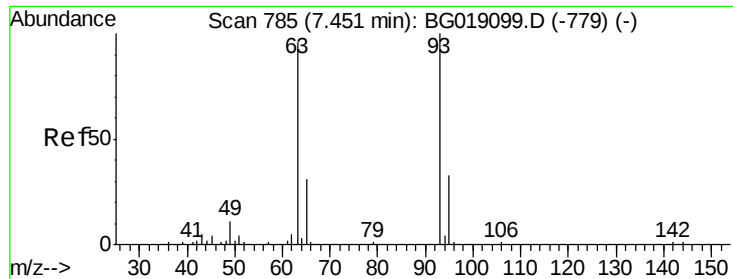
Delta R.T. 0.00 min

Lab File: BG019109.D

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Tgt Ion:	94	Resp:	69093
Ion	Ratio	Lower	Upper
94	100		
65	35.9	15.2	55.2
66	48.8	28.7	68.7





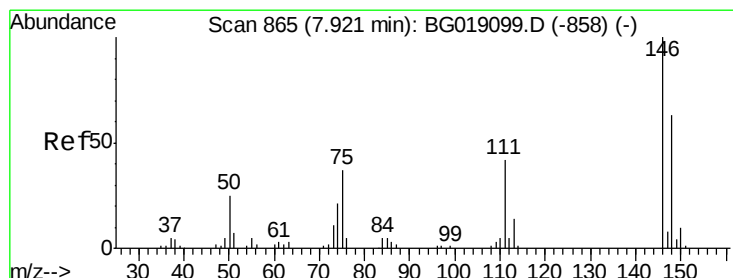
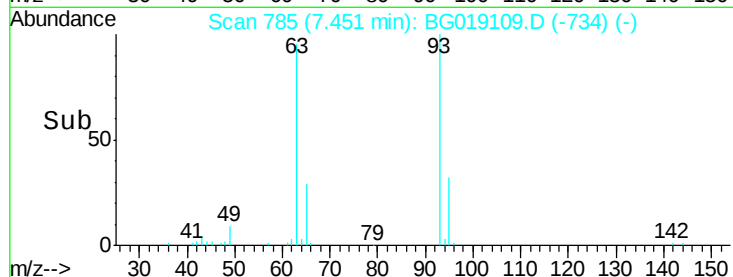
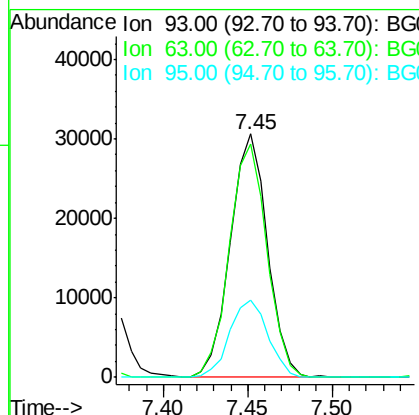
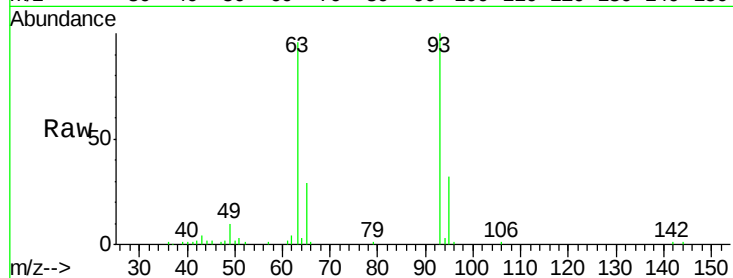
#11
 bis(2-Chloroethyl)ether
 Concen: 38.38 ng
 RT: 7.45 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	46630		
63	95.9	75.3	115.3	
95	31.7	12.9	52.9	

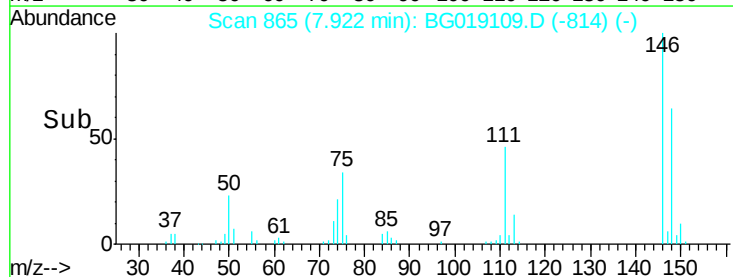
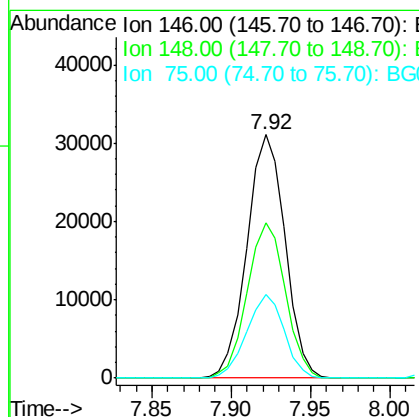
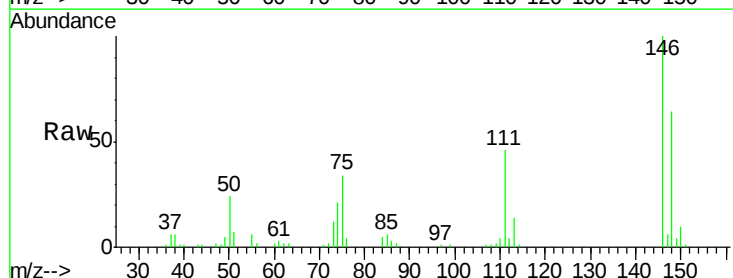
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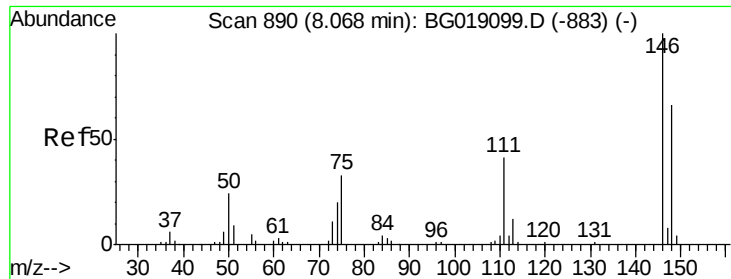
MMdadoda
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#12
 1,3-Dichlorobenzene
 Concen: 37.75 ng
 RT: 7.92 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	51977		
148	63.6	50.2	75.4	
75	34.4	29.3	43.9	





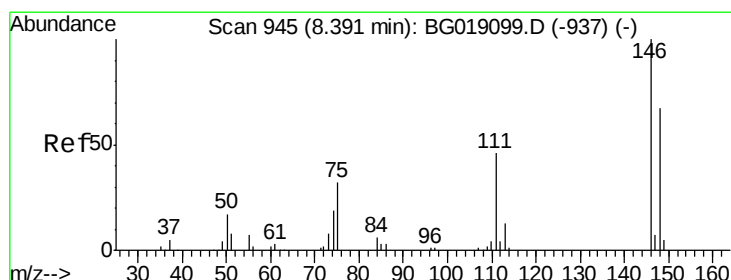
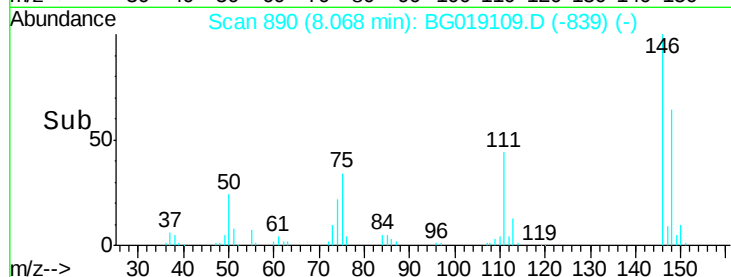
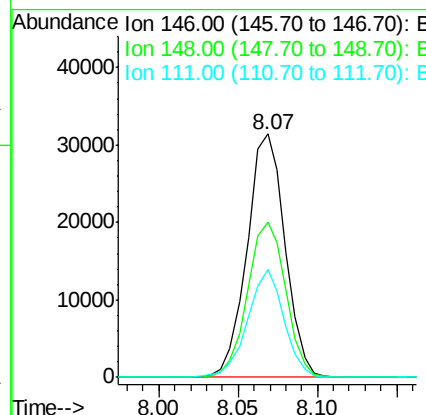
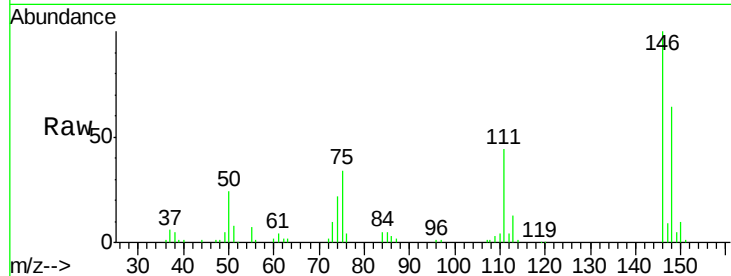
#13
 1,4-Dichlorobenzene
 Concen: 37.06 ng
 RT: 8.07 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.9	79.3
111	44.4	33.1	49.7

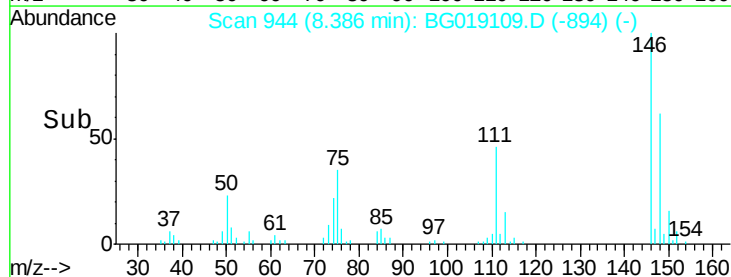
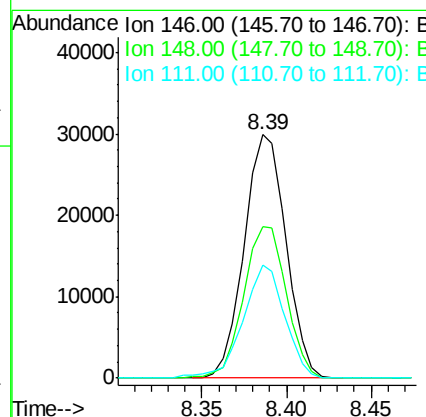
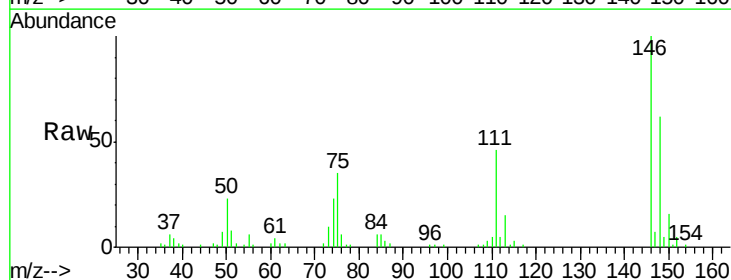
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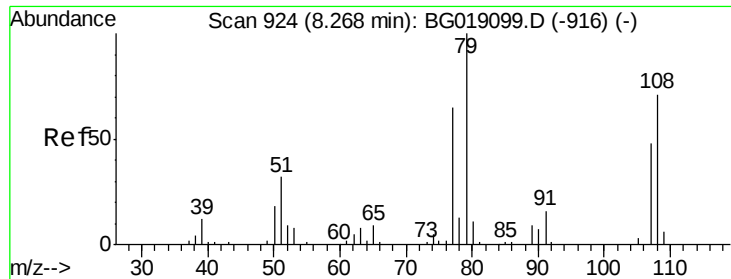
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 10/12/2015 7:00:58 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.71 ng
 RT: 8.39 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	53.6	80.4
111	46.3	37.3	55.9





#15

Benzyl Alcohol

Concen: 40.90 ng

RT: 8.27 min Scan# 924

Delta R.T. 0.00 min

Lab File: BG019109.D

Acq: 10 Oct 2015 9:51

Instrument :

BNA_G

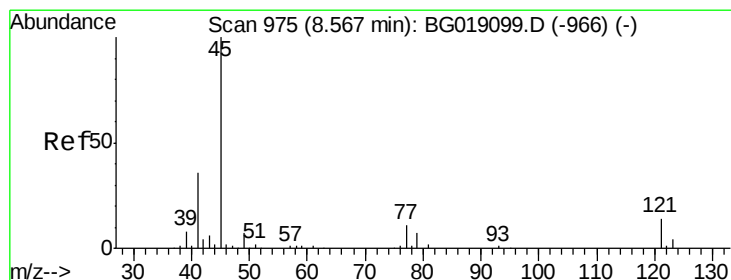
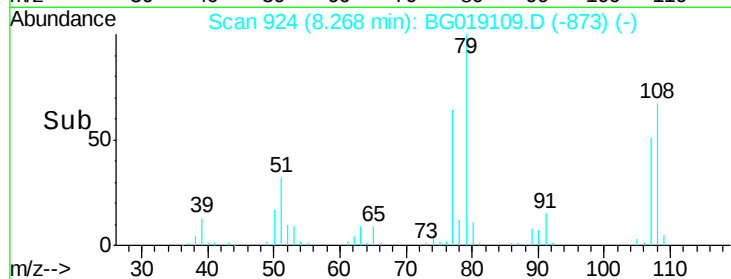
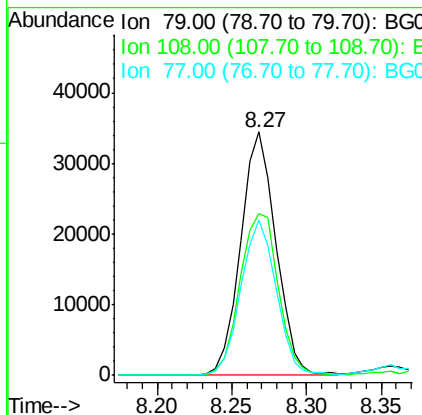
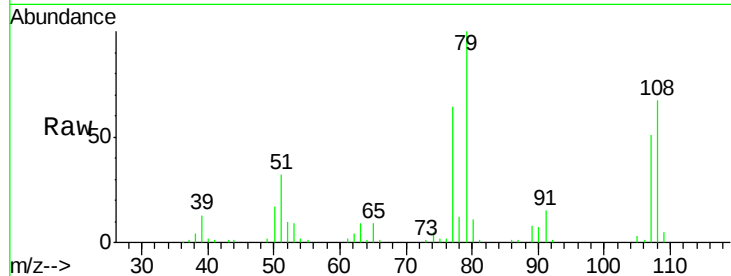
ClientSampleId :

PB85979BSD

Tgt Ion:	79	Resp:	56431
Ion Ratio	Lower	Upper	
79	100		
108	66.7	56.6	84.8
77	63.8	51.6	77.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.51 ng

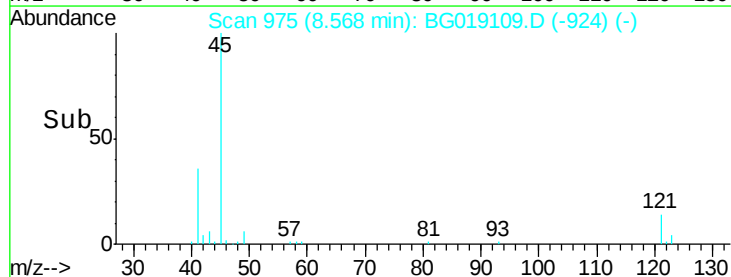
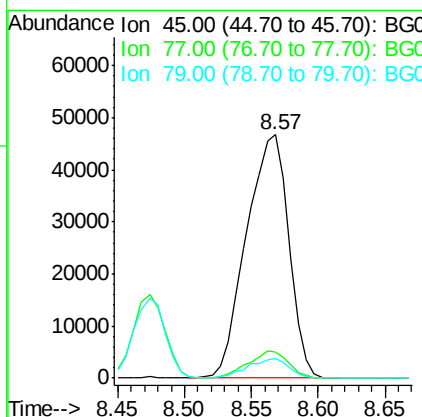
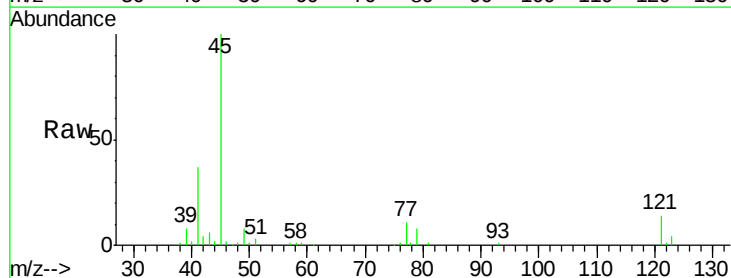
RT: 8.57 min Scan# 975

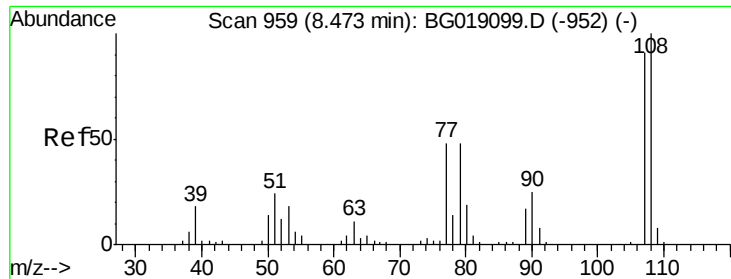
Delta R.T. 0.00 min

Lab File: BG019109.D

Acq: 10 Oct 2015 9:51

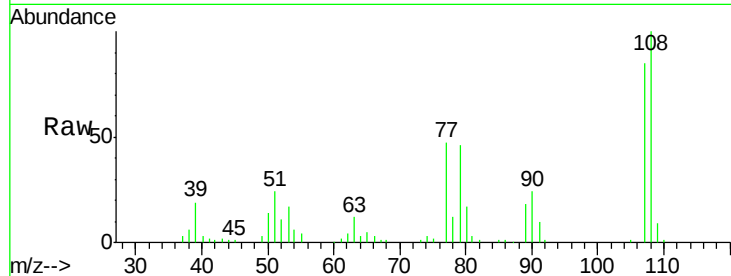
Tgt Ion:	45	Resp:	102832
Ion Ratio	Lower	Upper	
45	100		
77	10.8	0.0	30.8
79	7.9	0.0	27.5





#17
2-Methylphenol
Concen: 42.83 ng
RT: 8.47 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

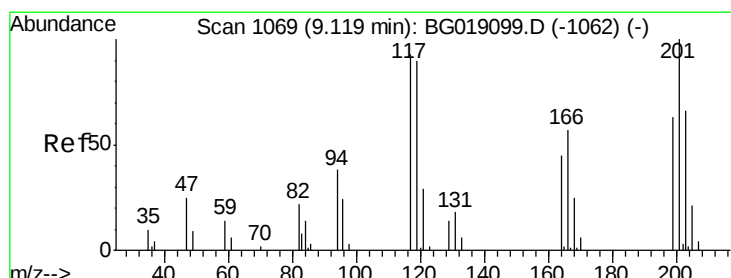
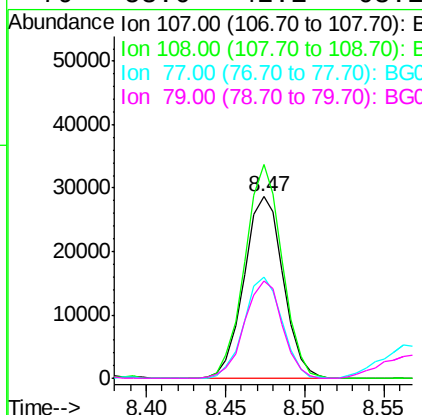
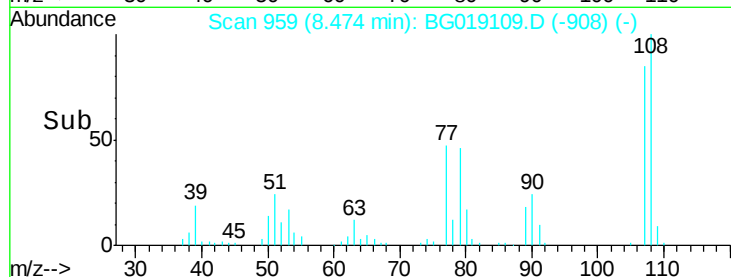
Instrument :
BNA_G
ClientSampleId :
PB85979BSD



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	49187		
108	117.6	87.7	131.5	
77	55.8	42.2	63.2	
79	53.6	42.1	63.1	

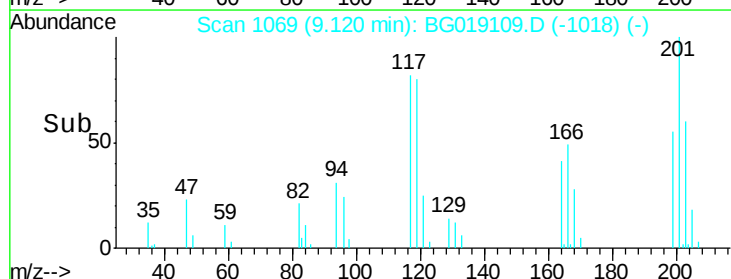
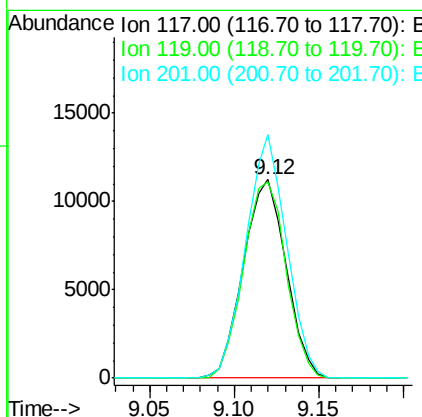
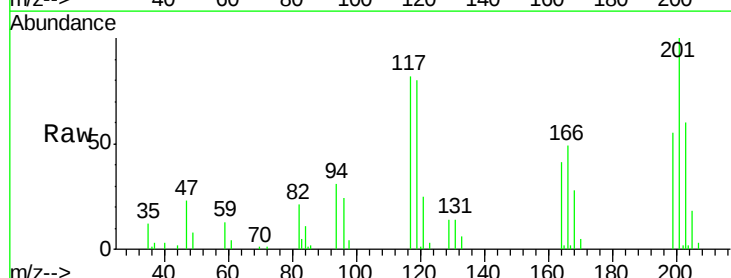
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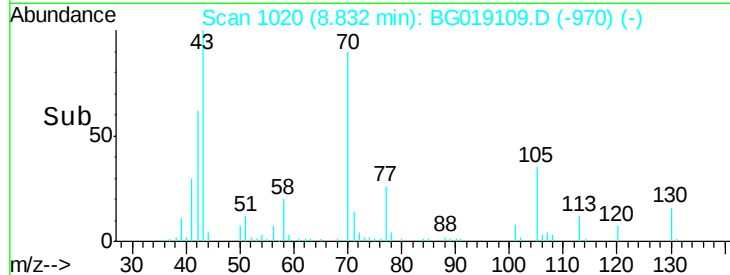
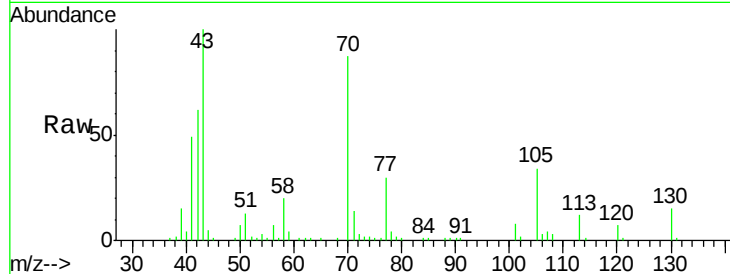
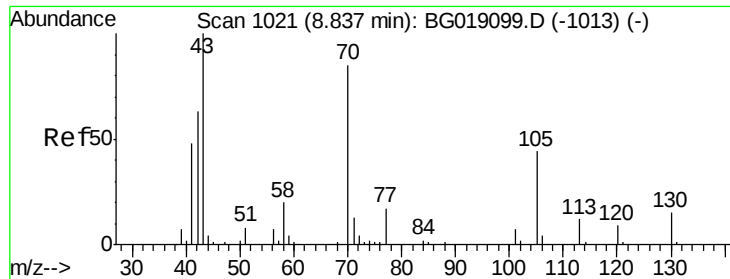
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#18
Hexachloroethane
Concen: 36.77 ng
RT: 9.12 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	19744		
119	98.7	77.0	115.4	
201	122.6	85.6	128.4	





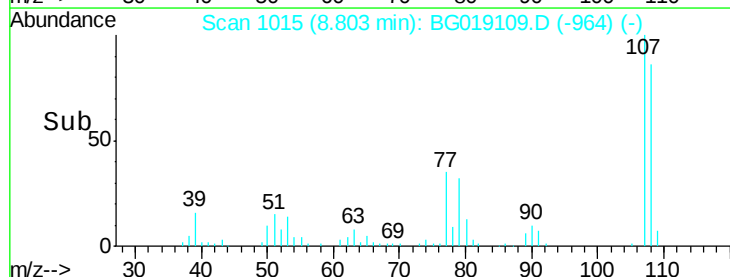
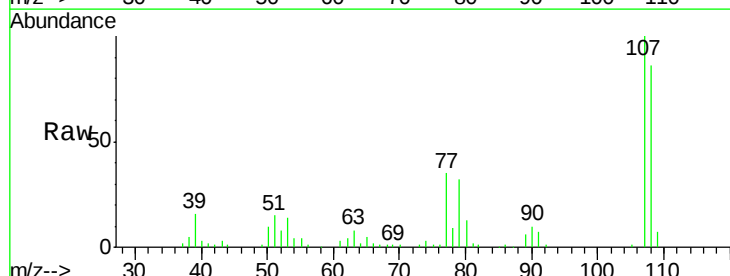
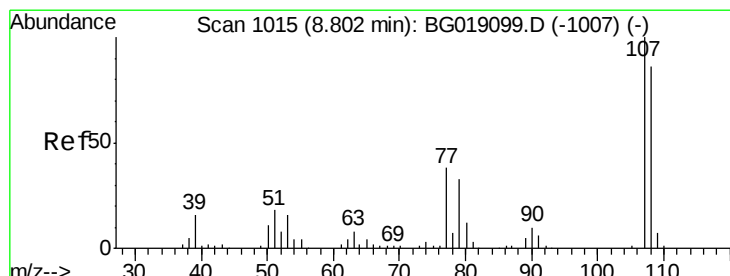
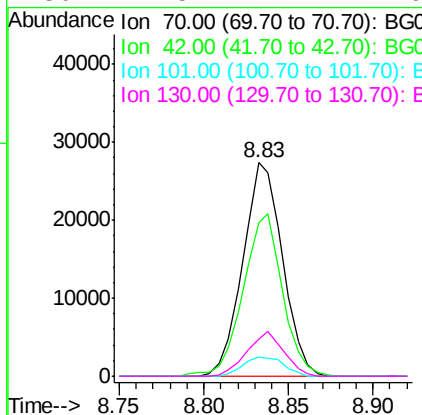
#19
n-Nitroso-di-n-propylamine
Concen: 36.45 ng
RT: 8.83 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Instrument :
BNA_G
ClientSampleId :
PB85979BSD

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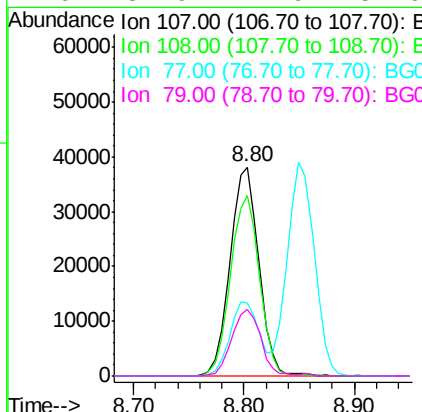
MMdadoda
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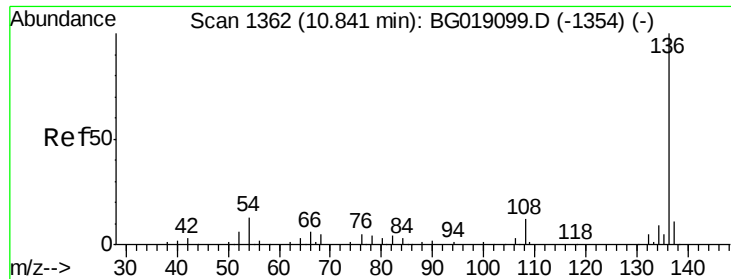
Tgt Ion	Ratio	Lower	Upper
70	100		
42	71.7	59.8	89.8
101	9.1	7.0	10.4
130	17.5	14.4	21.6



#20
3+4-Methylphenols
Concen: 42.23 ng
RT: 8.80 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.1	66.2	106.2
77	34.9	17.8	57.8
79	31.9	12.9	52.9





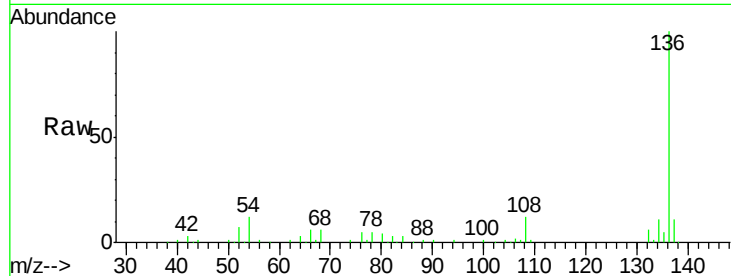
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Instrument :
BNA_G
ClientSampleId :
PB85979BSD

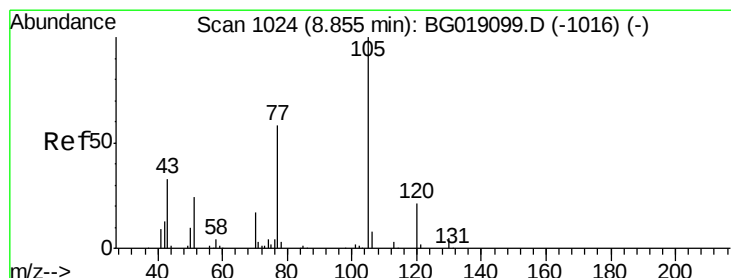
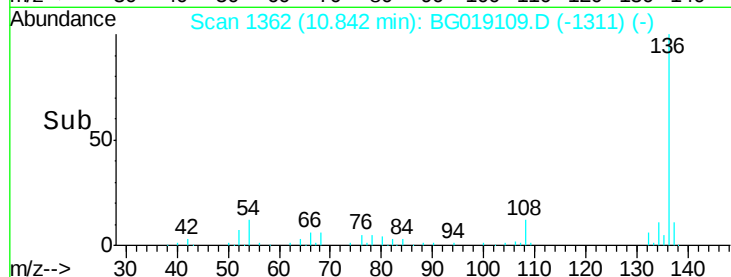
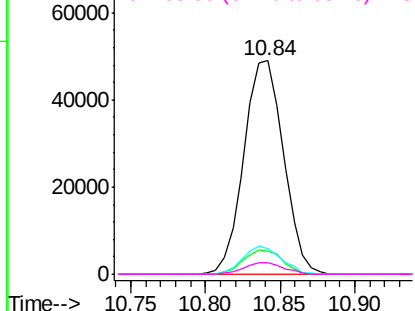
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.6	9.0	13.4
54	12.1	10.1	15.1
68	5.7	4.4	6.6

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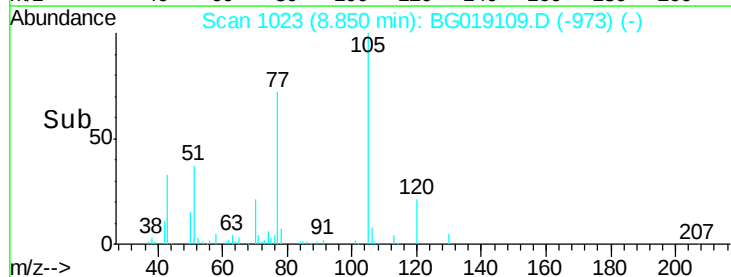
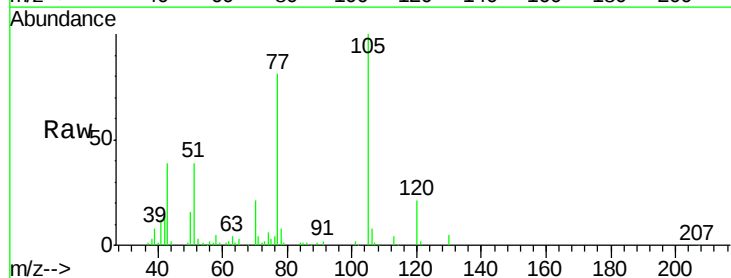
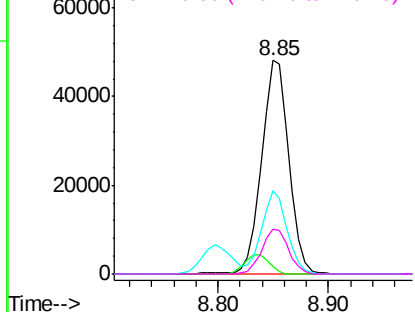
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

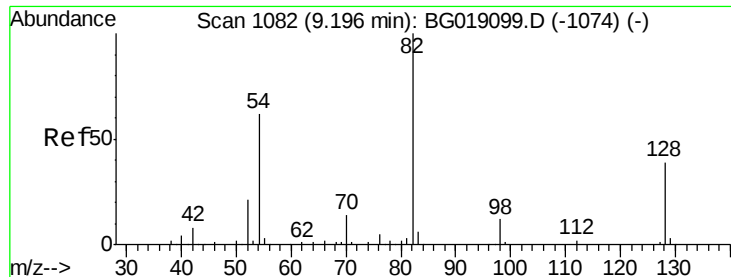


#22
Acetophenone
Concen: 39.66 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	3.7	2.2	3.2#
51	39.1	29.2	43.8
120	20.8	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





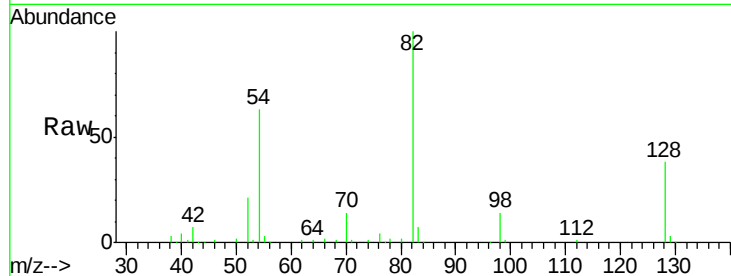
#23
 Nitrobenzene-d5
 Concen: 80.98 ng
 RT: 9.19 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Instrument :
 BNA_G
 ClientSampleID :
 PB85979BSD

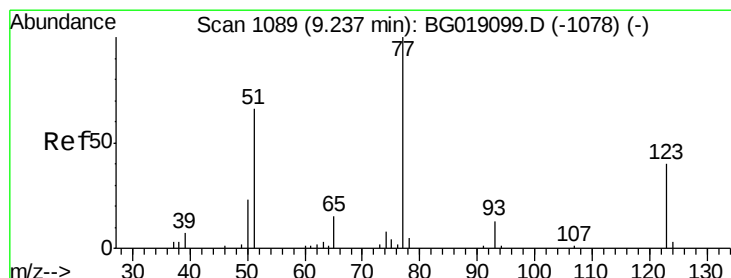
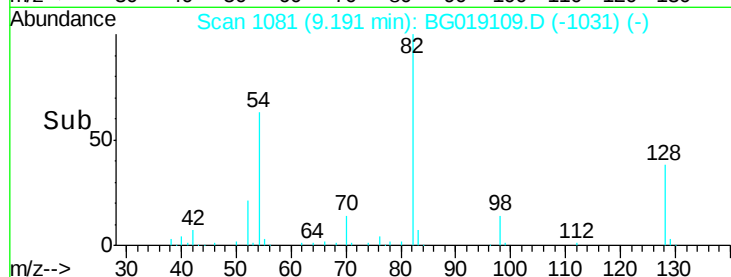
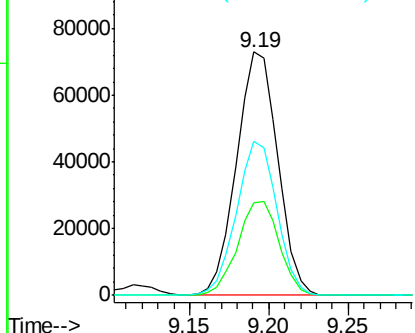
Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	38.1	31.4	47.2
54	63.0	50.0	75.0

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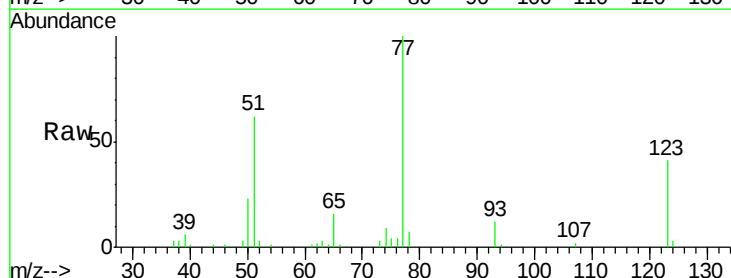


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

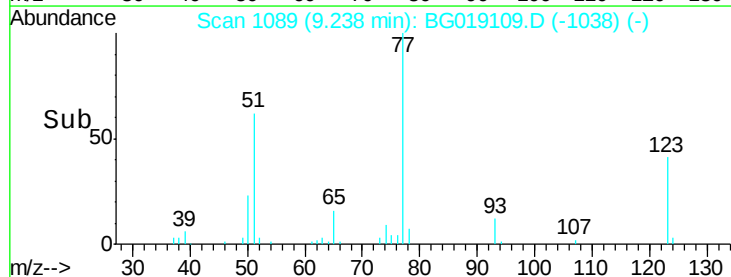
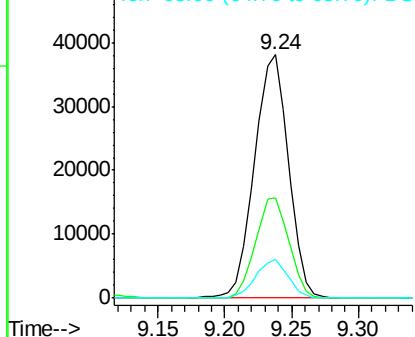


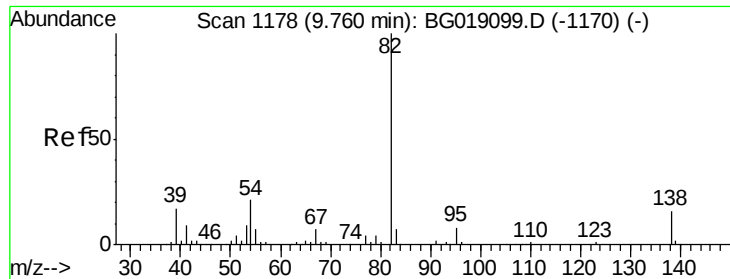
#24
 Nitrobenzene
 Concen: 38.89 ng
 RT: 9.24 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	41.3	31.8	47.6
65	15.8	11.8	17.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 38.00 ng

RT: 9.76 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BG019109.D

Acq: 10 Oct 2015 9:51

Instrument :

BNA_G

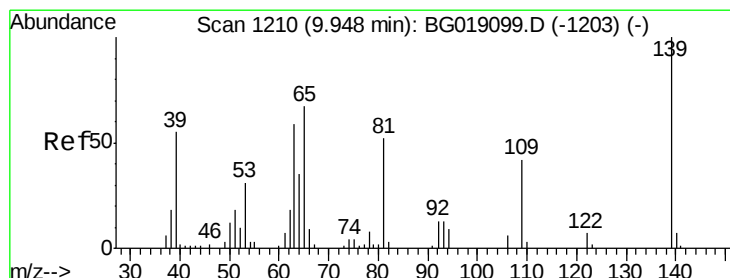
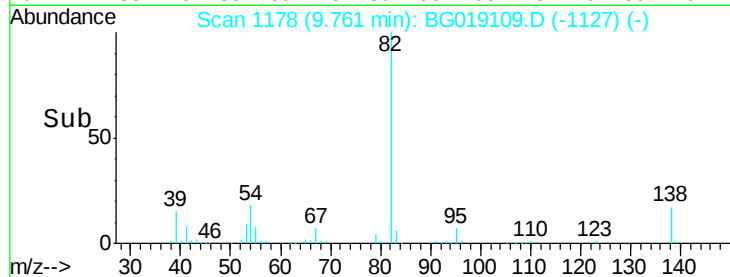
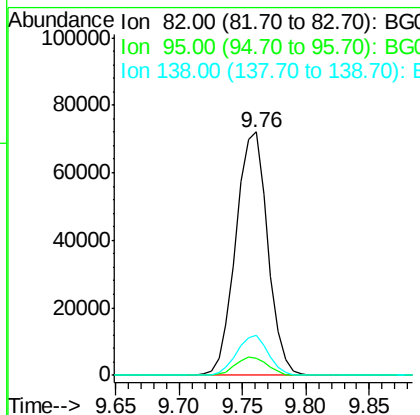
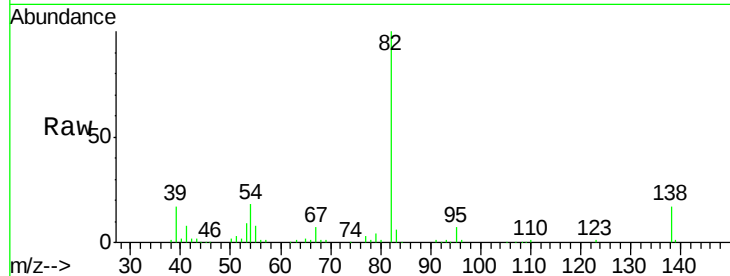
ClientSampleId :

PB85979BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	125651		
95	7.2	6.7	10.1	
138	16.6	12.6	19.0	

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#26

2-Nitrophenol

Concen: 39.46 ng

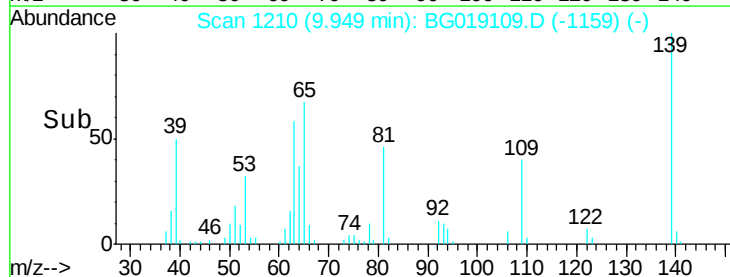
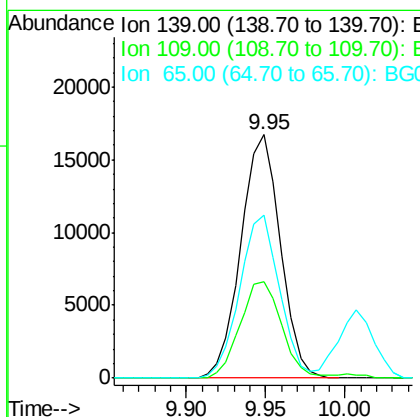
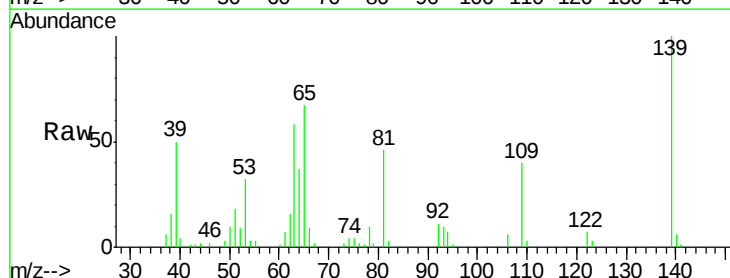
RT: 9.95 min Scan# 1210

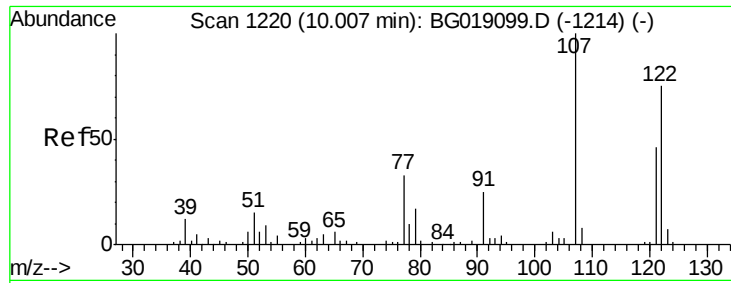
Delta R.T. 0.00 min

Lab File: BG019109.D

Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	29013		
109	39.7	33.3	49.9	
65	66.8	53.6	80.4	





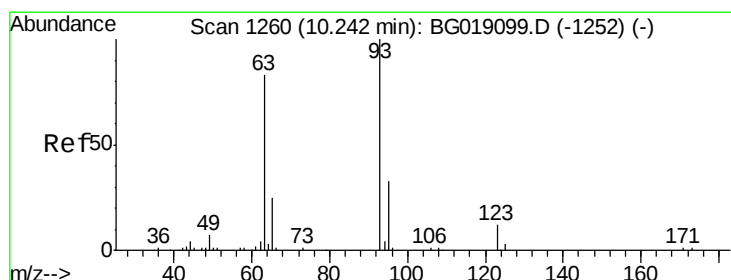
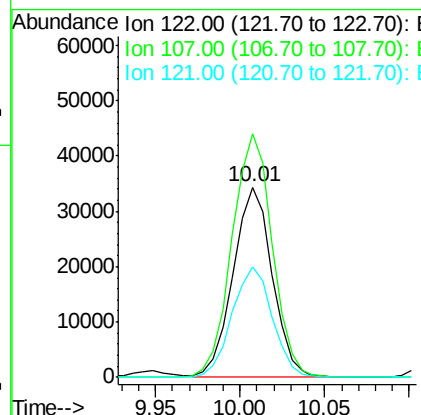
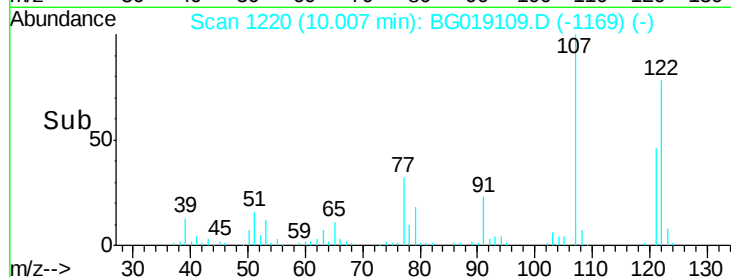
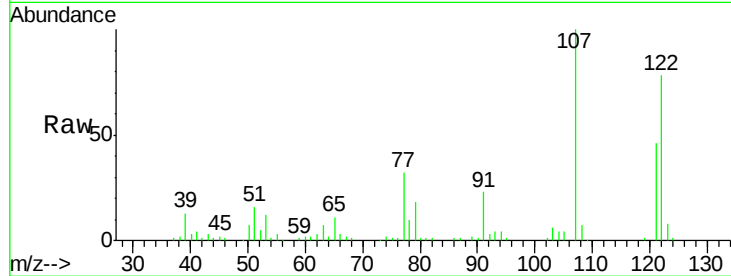
#27
 2,4-Dimethylphenol
 Concen: 43.20 ng
 RT: 10.01 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	55514		
107	127.8	105.1	157.7	
121	58.2	48.7	73.1	

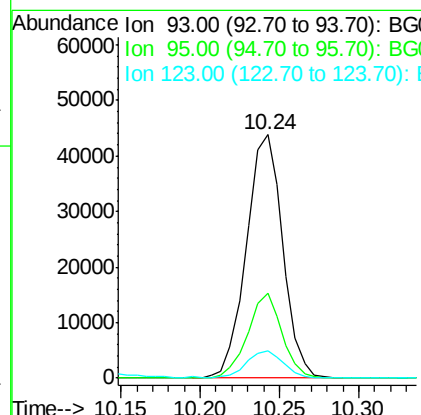
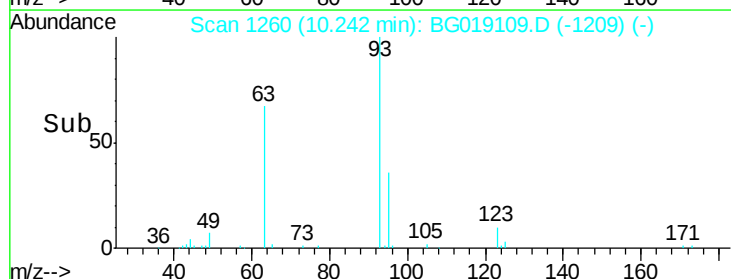
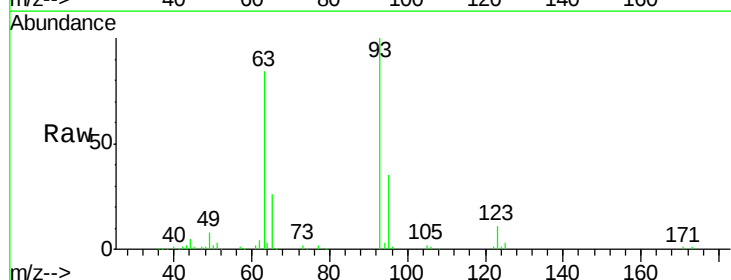
Manual Integrations
 APPROVED

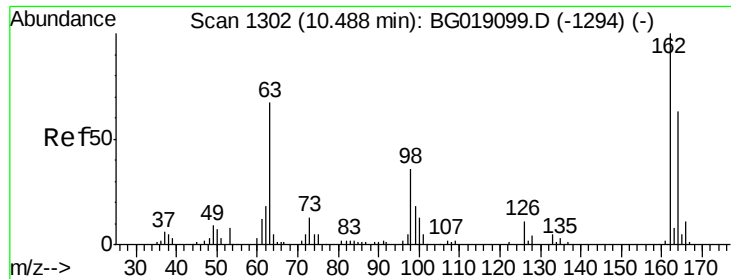
MMdadoda
 10/12/2015 7:00:58 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.40 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	69519		
95	34.9	26.5	39.7	
123	11.1	9.4	14.2	





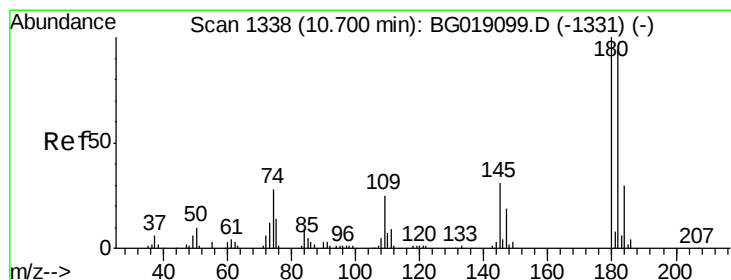
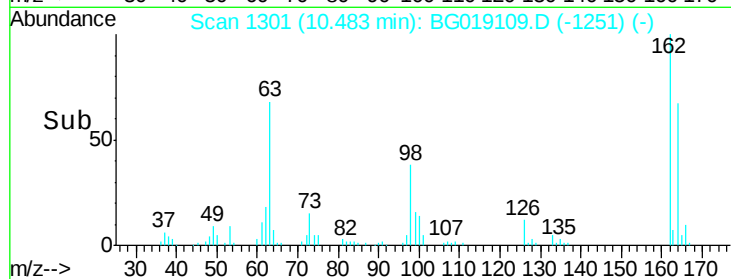
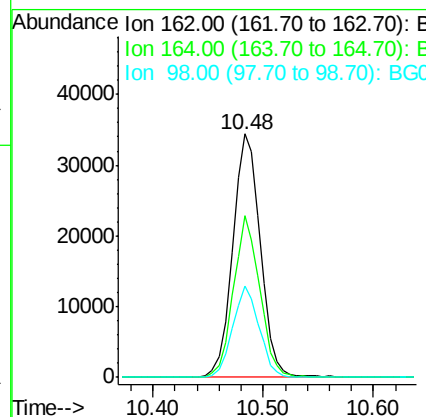
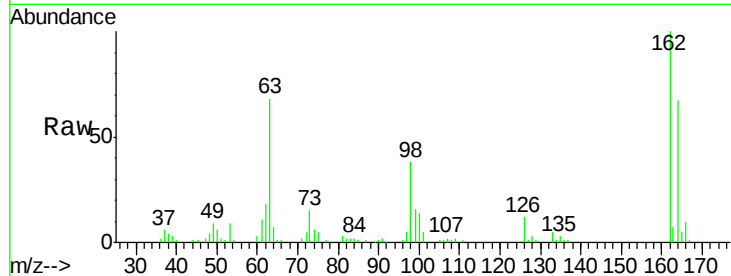
#29
 2,4-Dichlorophenol
 Concen: 44.61 ng
 RT: 10.48 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.5	42.8	82.8
98	37.6	16.1	56.1

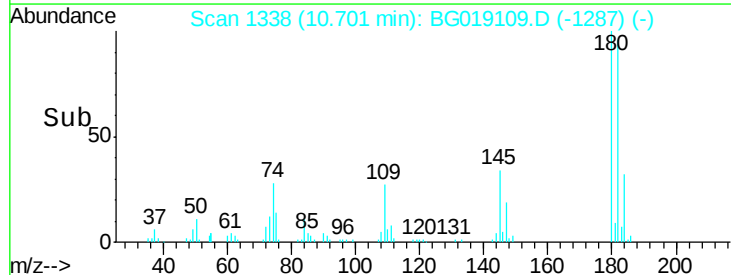
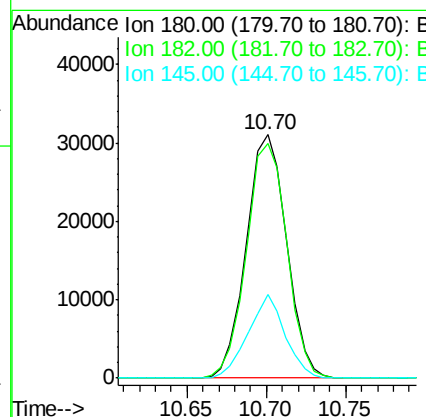
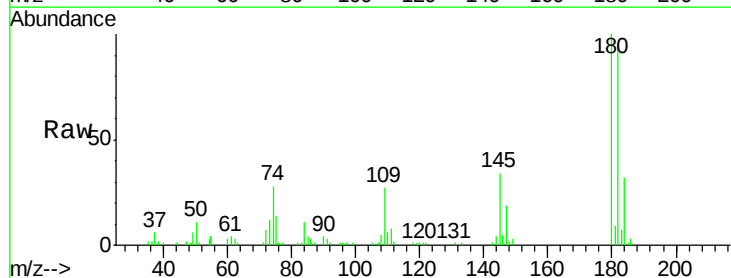
Manual Integrations
 APPROVED

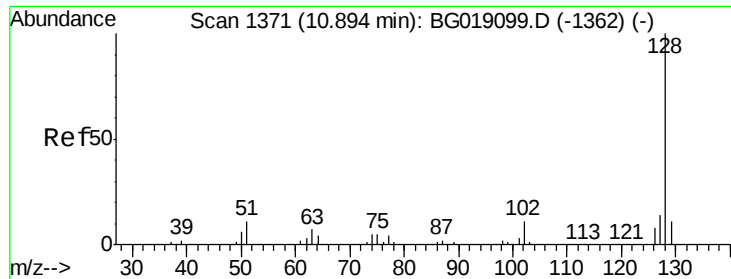
MMdadoda
 10/12/2015 7:00:58 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.96 ng
 RT: 10.70 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.4	75.3	112.9
145	34.3	24.9	37.3





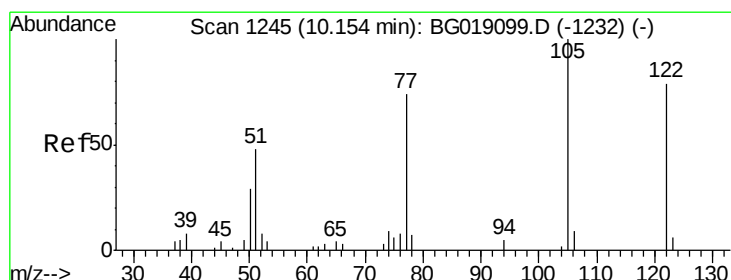
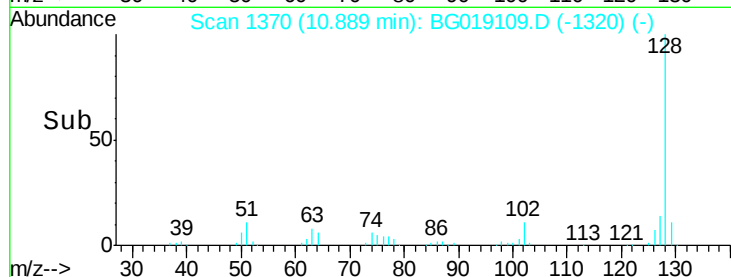
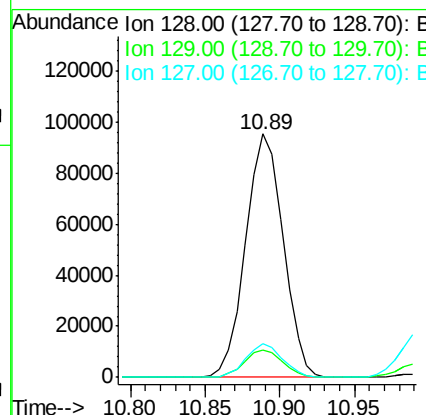
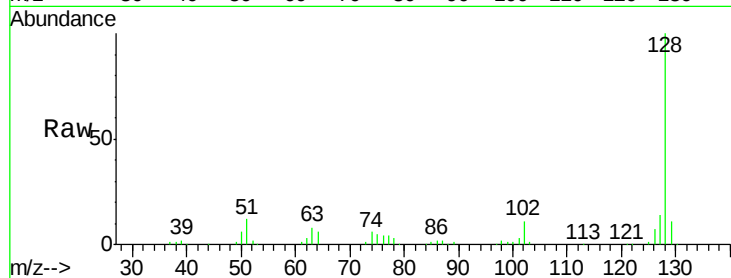
#31
Naphthalene
Concen: 38.56 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Instrument :
BNA_G
ClientSampleId :
PB85979BSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	166664		
129	11.3	8.6	12.8	
127	13.9	11.4	17.0	

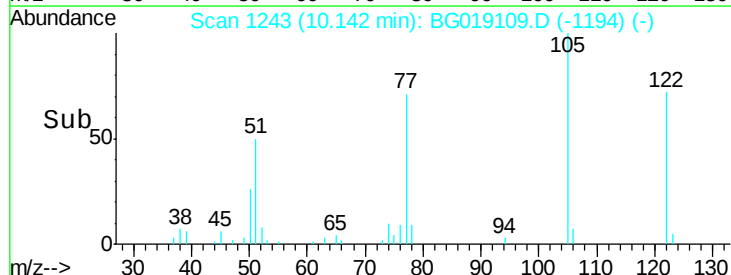
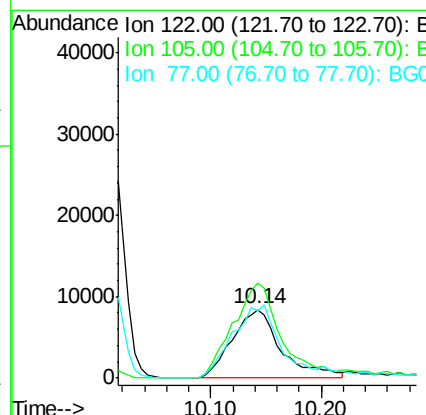
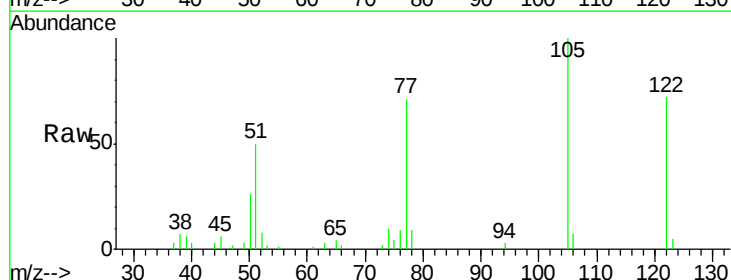
Manual Integrations
APPROVED

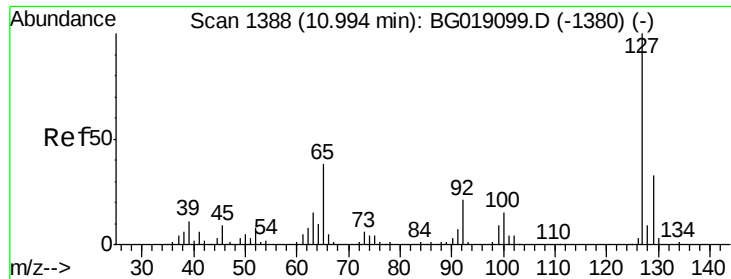
MMdadoda
10/12/2015 7:00:58 PM



#32
Benzoic acid
Concen: 35.17 ng
RT: 10.14 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	26077		
105	138.7	107.0	147.0	
77	98.5	73.4	113.4	





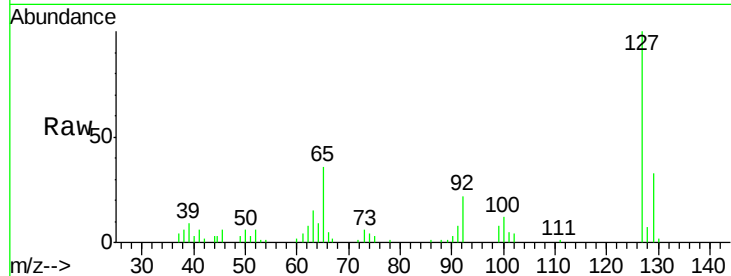
#33
4-Chloroaniline
Concen: 16.09 ng
RT: 10.99 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Instrument :
BNA_G
ClientSampleId :
PB85979BSD

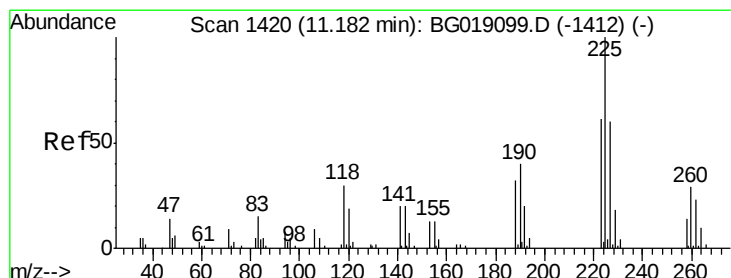
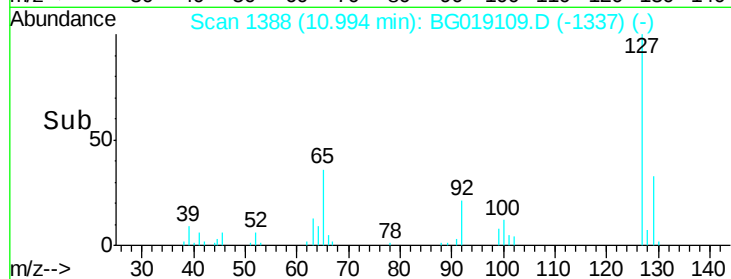
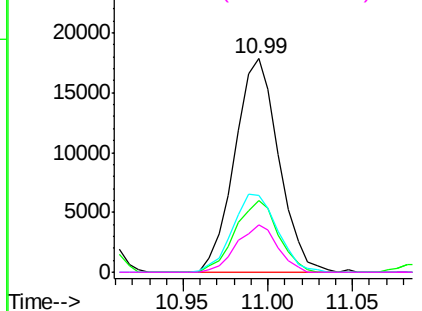
Tgt Ion:	127	Resp:	32319
Ion Ratio	Lower	Upper	
127	100		
129	33.4	26.2	39.2
65	35.9	30.4	45.6
92	22.2	16.9	25.3

Manual Integrations
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MMdadoda
10/12/2015 7:00:58 PM



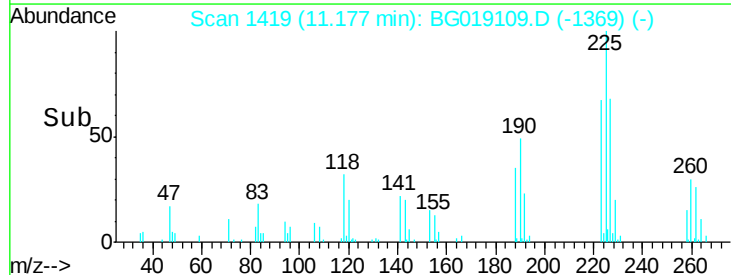
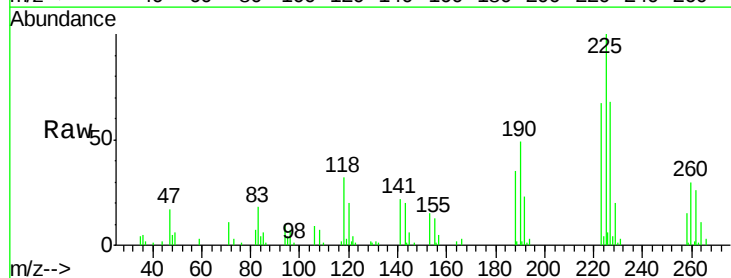
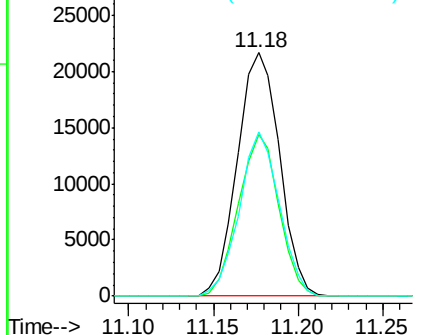
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

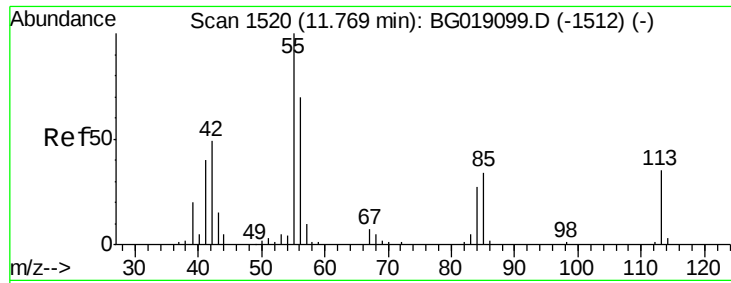


#34
Hexachlorobutadiene
Concen: 38.09 ng
RT: 11.18 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Tgt Ion:	225	Resp:	37765
Ion Ratio	Lower	Upper	
225	100		
223	66.5	48.6	72.8
227	67.6	48.1	72.1

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





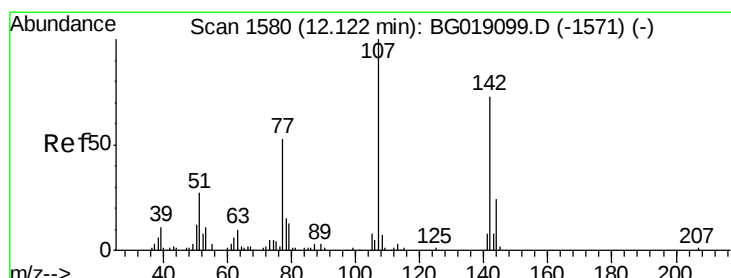
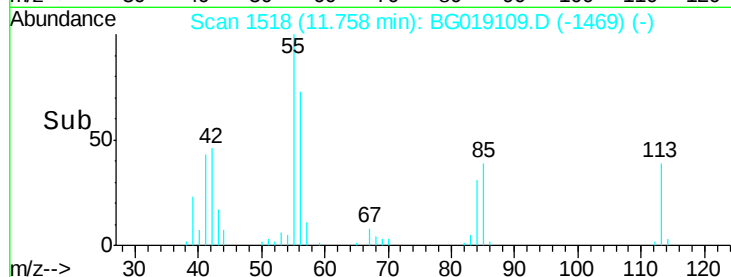
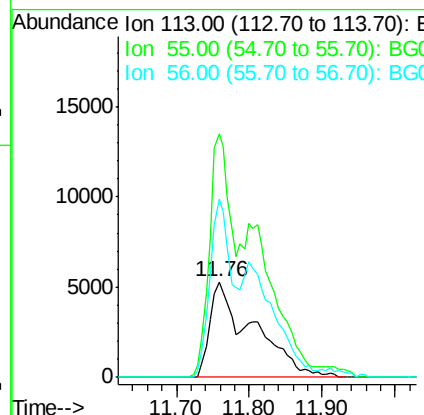
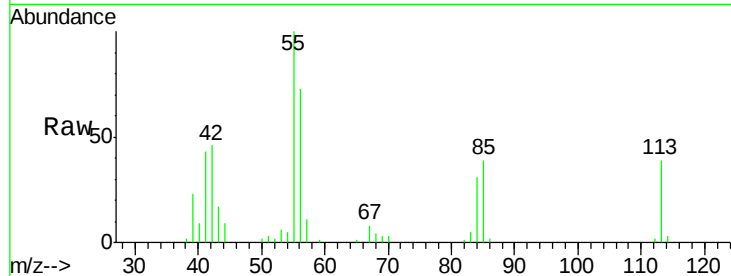
#35
 Caprolactam
 Concen: 44.15 ng m
 RT: 11.76 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BSD

Tgt Ion:113 Resp: 21908
 Ion Ratio Lower Upper
 113 100
 55 254.4 263.4 303.4#
 56 186.2 179.0 219.0

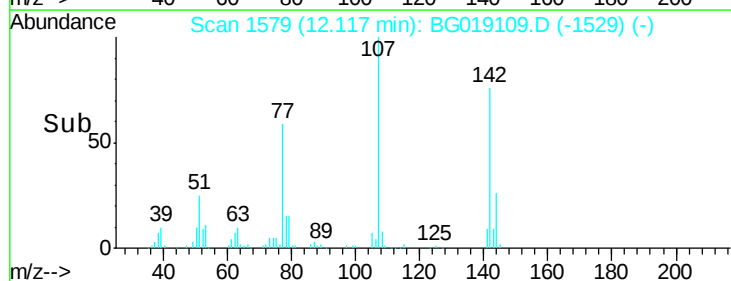
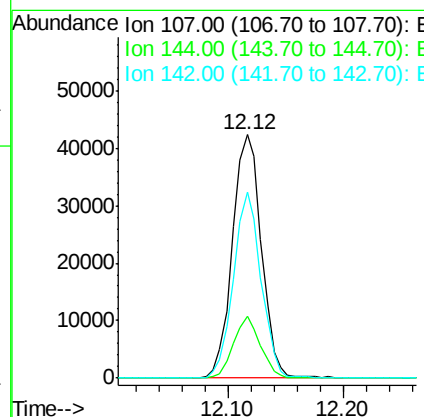
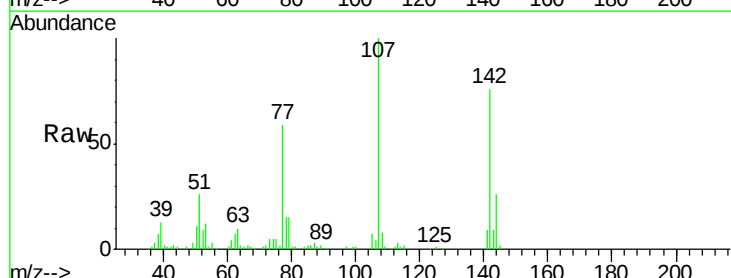
Manual Integrations
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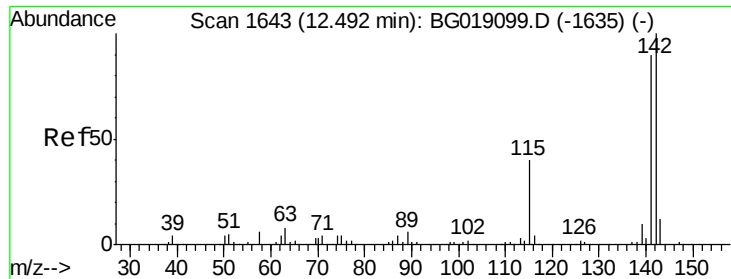
MMdadoda
 10/12/2015 7:00:58 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.94 ng
 RT: 12.12 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Tgt Ion:107 Resp: 73524
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.0 28.6
 142 76.5 58.5 87.7





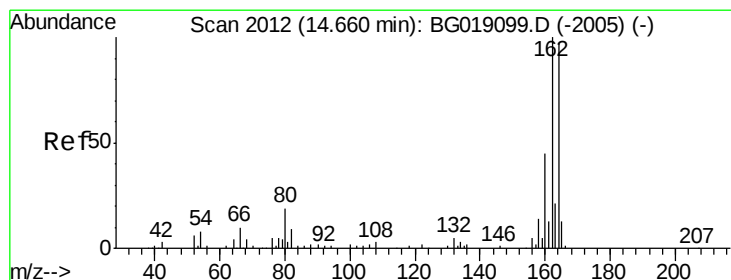
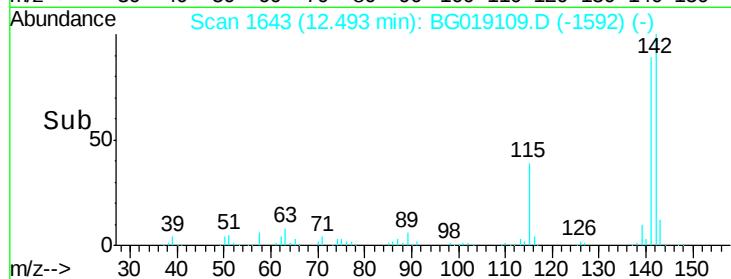
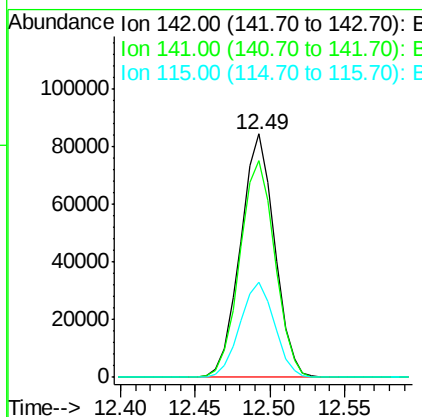
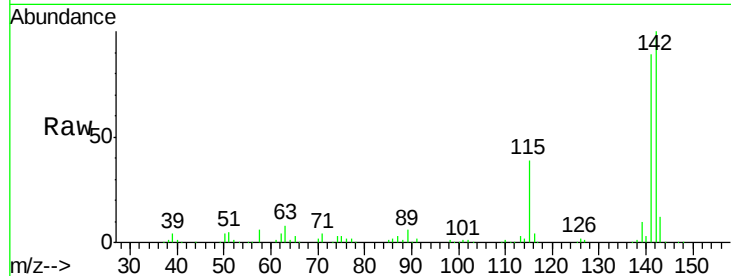
#37
2-Methylnaphthalene
Concen: 39.70 ng
RT: 12.49 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Instrument :
BNA_G
ClientSampleId :
PB85979BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.1	108.1
115	38.8	31.8	47.8

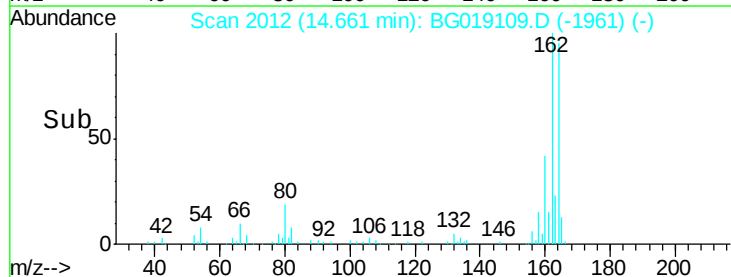
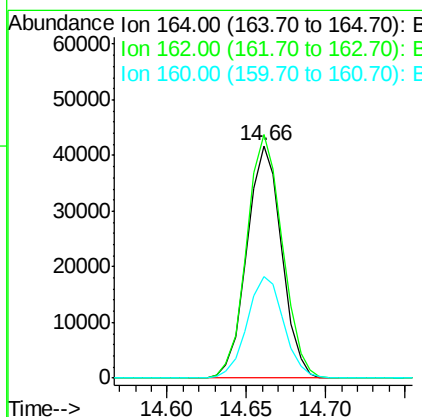
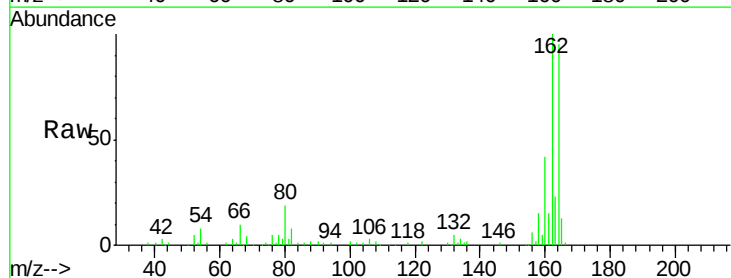
Manual Integrations
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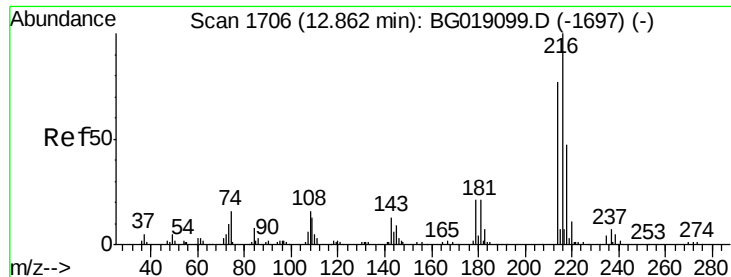
MMdadoda
10/12/2015 7:00:58 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

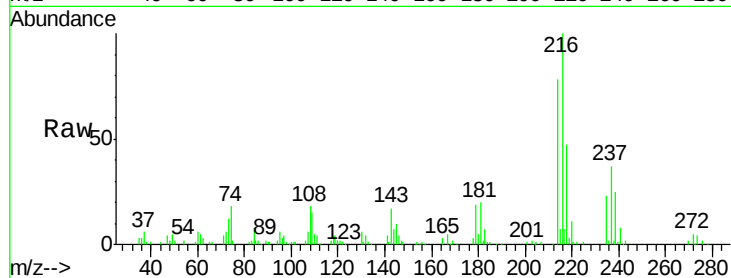
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	124.0
160	43.8	36.9	55.3





#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.25 ng
RT: 12.86 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

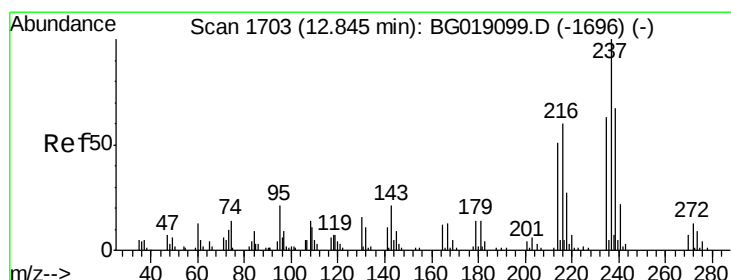
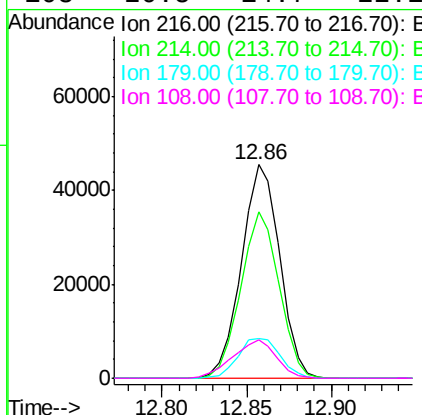
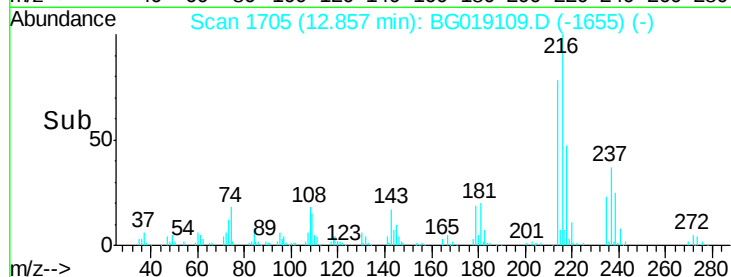
Instrument :
BNA_G
ClientSampleId :
PB85979BSD



Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.7	64.0	96.0
179	20.5	16.9	25.3
108	20.5	14.7	22.1

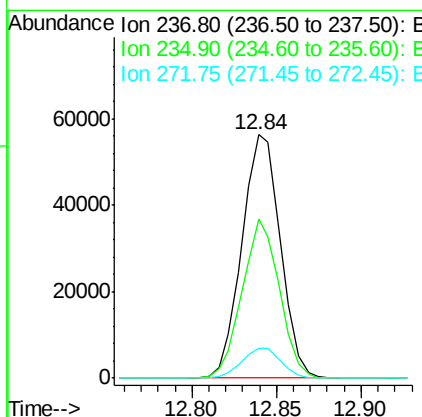
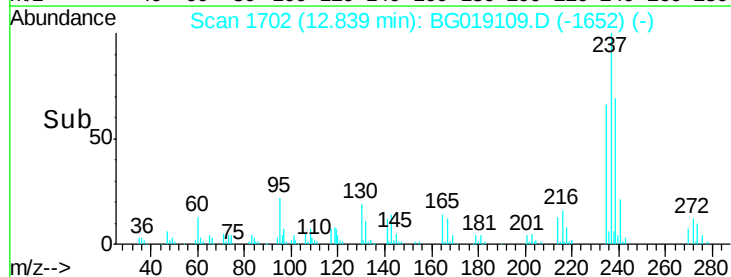
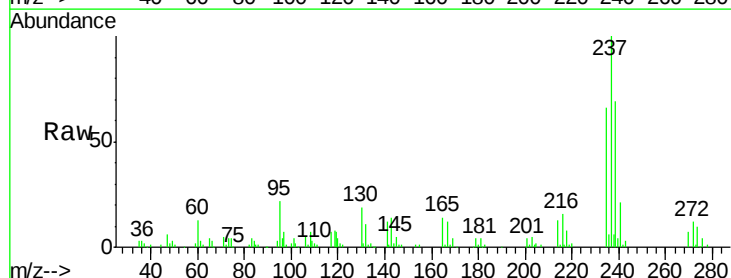
Manual Integrations
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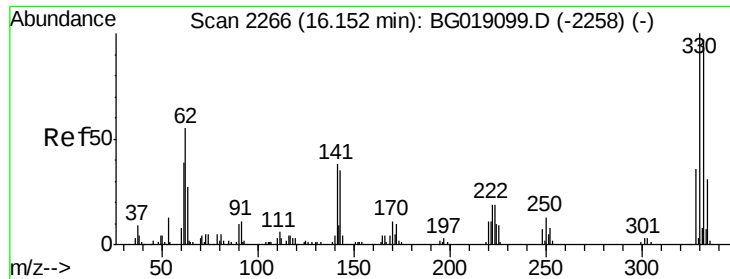
MMdadoda
10/12/2015 7:00:58 PM



#40
Hexachlorocyclopentadiene
Concen: 93.86 ng
RT: 12.84 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.5	43.2	83.2
272	12.1	0.0	33.2





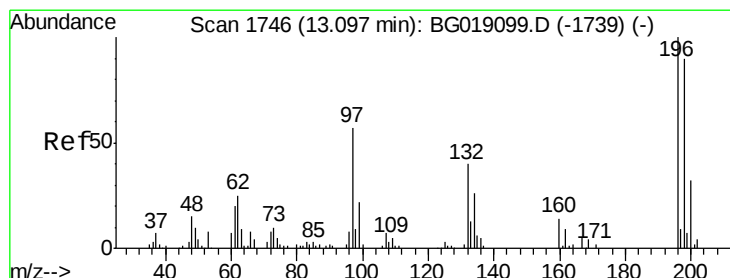
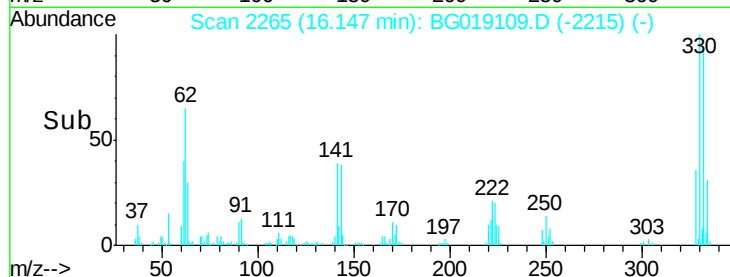
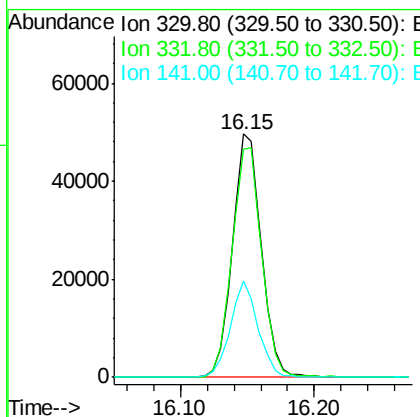
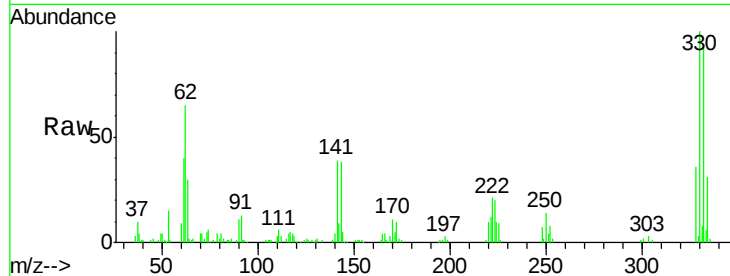
#41
 2,4,6-Tribromophenol
 Concen: 86.15 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	74683		
332	96.9	77.3	115.9	
141	38.0	30.7	46.1	

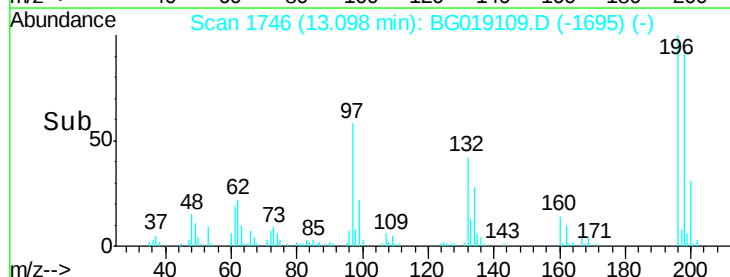
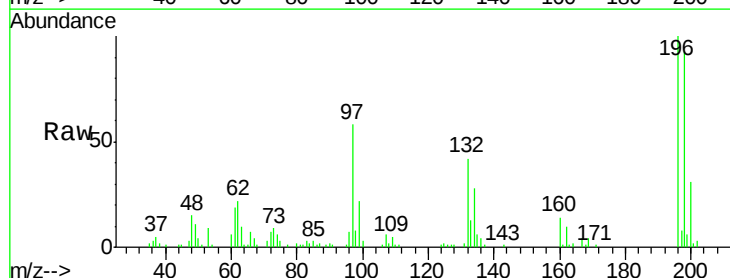
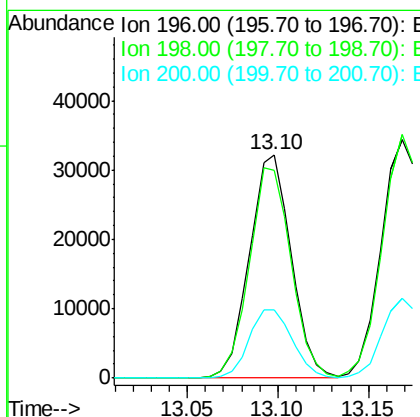
Manual Integrations
 APPROVED

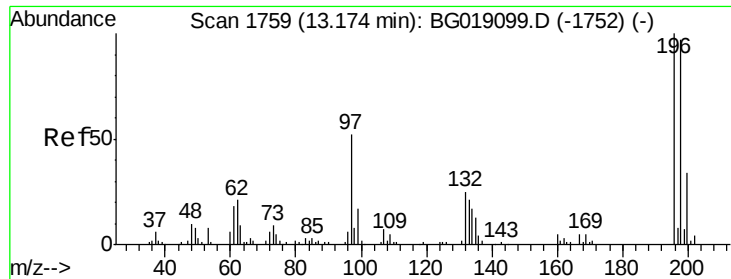
MMdadoda
 10/12/2015 7:00:58 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.48 ng
 RT: 13.10 min Scan# 1746
 Delta R.T. 0.00 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

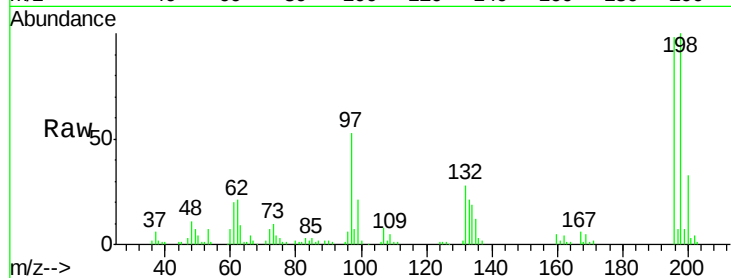
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	51522		
198	92.8	72.0	108.0	
200	30.6	25.5	38.3	





#43
 2,4,5-Trichlorophenol
 Concen: 42.60 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

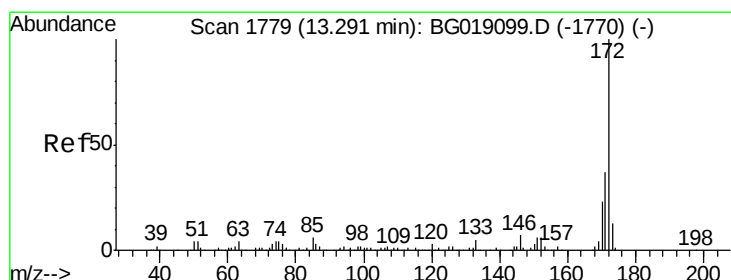
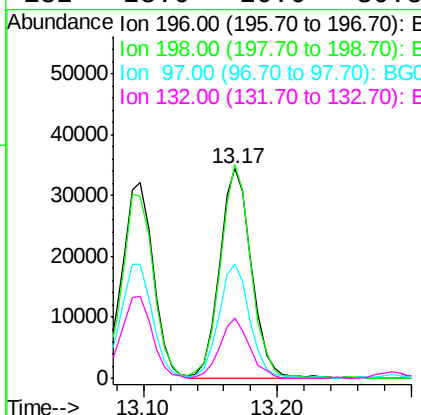
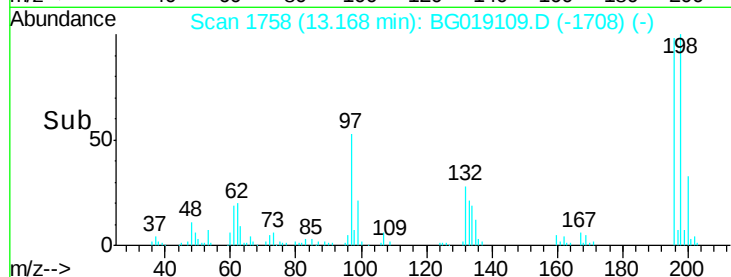
Instrument :
 BNA_G
 ClientSampleId :
 PB85979BSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	57620		
198	101.8	77.7	116.5	
97	54.5	41.4	62.2	
132	28.6	20.6	30.8	

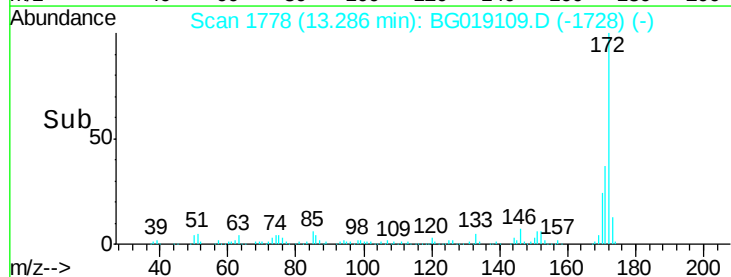
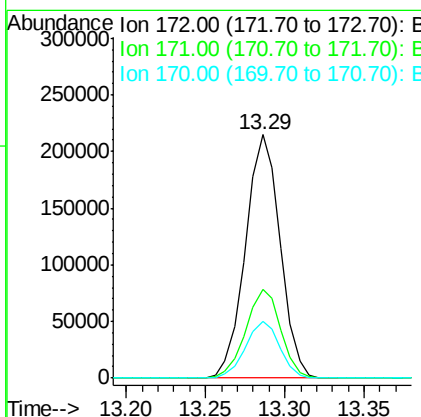
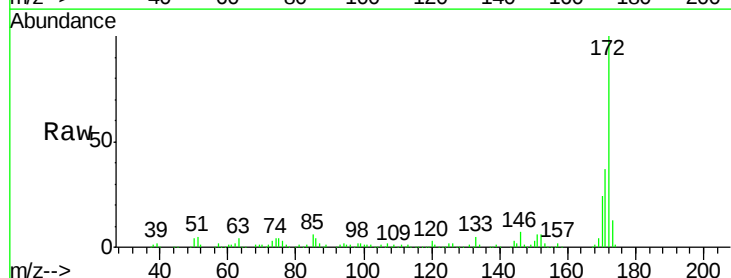
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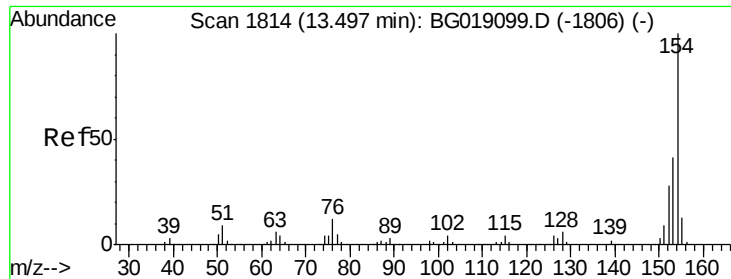
MMdadoda
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#44
 2-Fluorobiphenyl
 Concen: 78.84 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	326176		
171	36.7	29.9	44.9	
170	23.5	18.6	27.8	





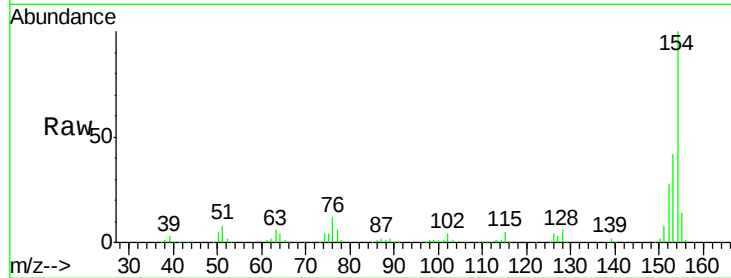
#45
 1,1'-Biphenyl
 Concen: 38.64 ng
 RT: 13.50 min Scan# 1814
 Delta R.T. 0.00 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BSD

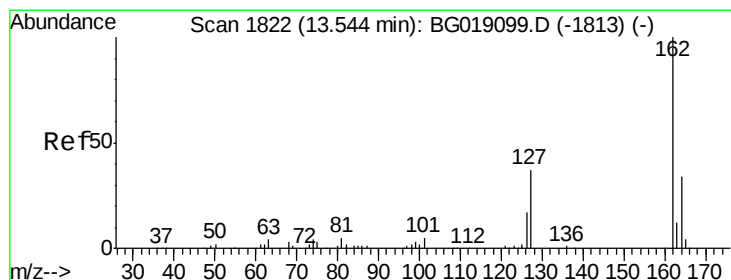
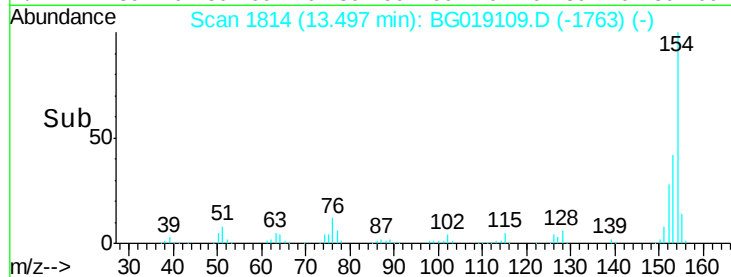
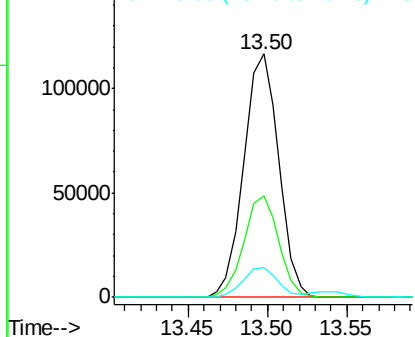
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	178530		
153	41.7	20.6	60.6	
76	12.3	0.0	32.2	

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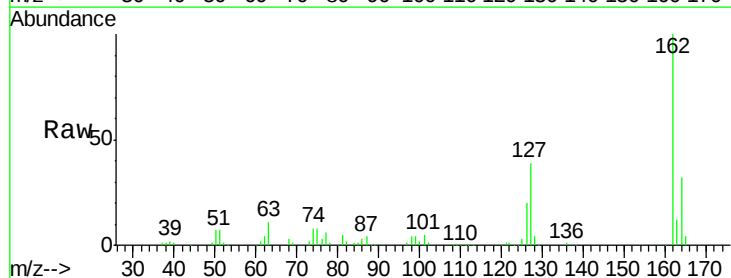


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

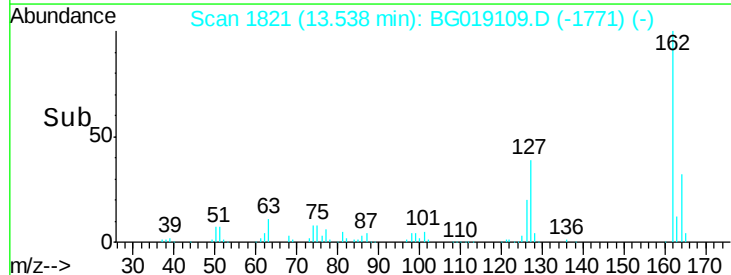
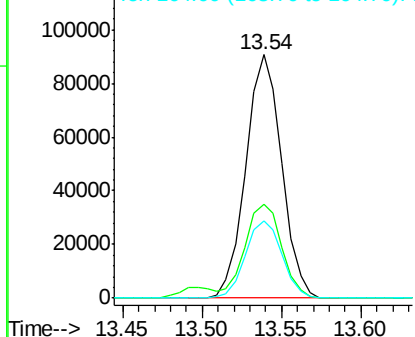


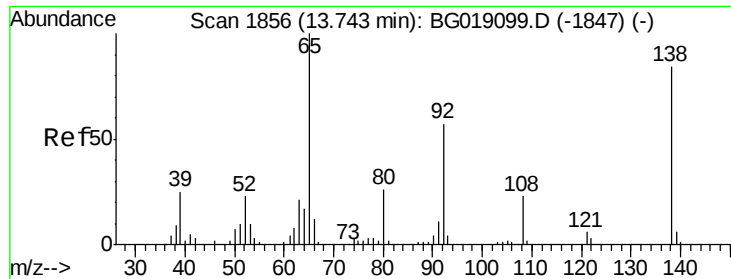
#46
 2-Chloronaphthalene
 Concen: 39.93 ng
 RT: 13.54 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	141939		
127	38.7	32.2	48.4	
164	31.8	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





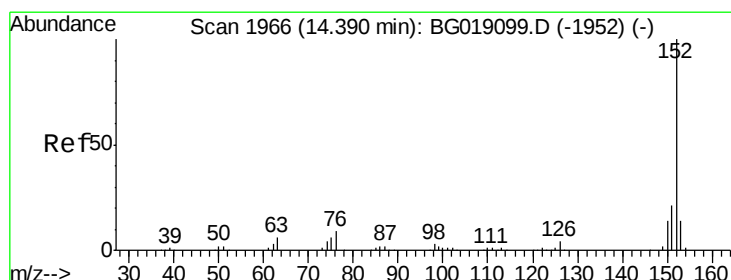
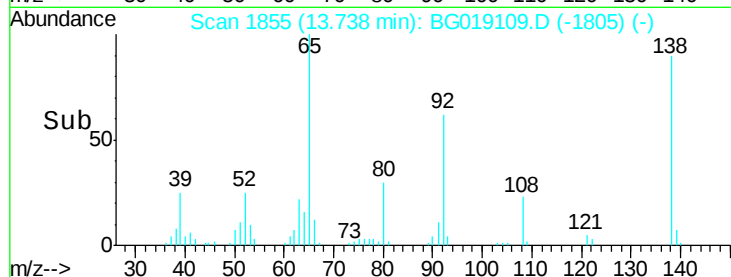
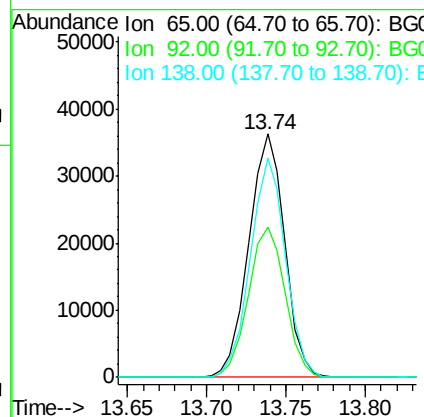
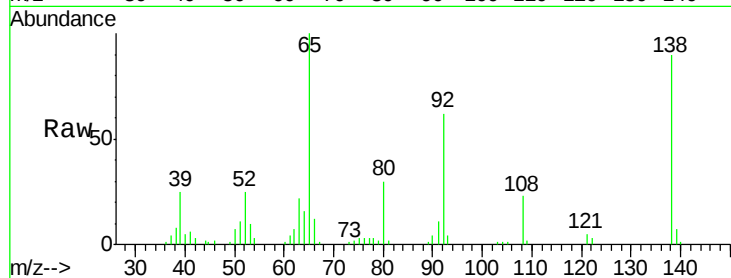
#47
2-Nitroaniline
Concen: 40.00 ng
RT: 13.74 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Instrument :
BNA_G
ClientSampleId :
PB85979BSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.6	45.8	68.8
138	90.3	66.9	100.3

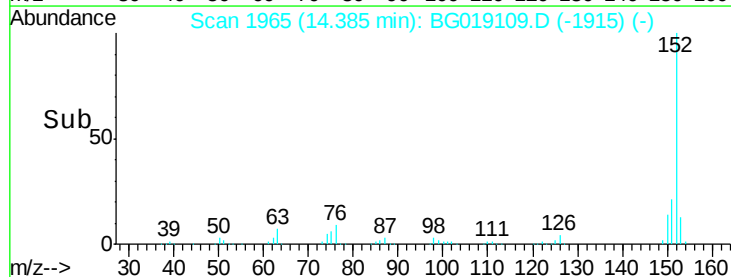
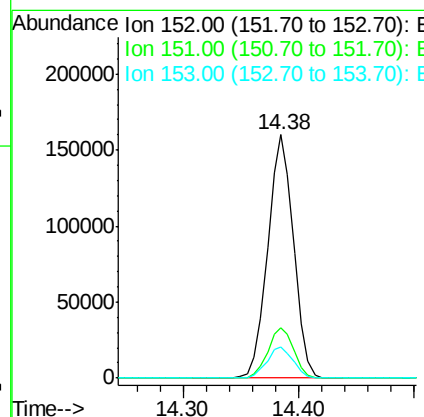
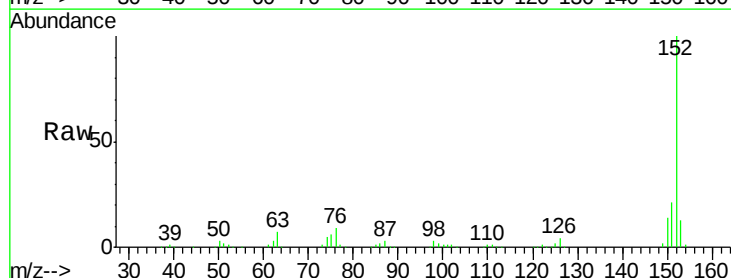
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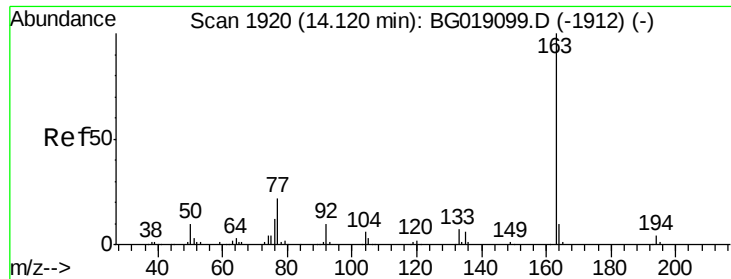
MMdadoda
10/12/2015 7:00:58 PM



#48
Acenaphthylene
Concen: 39.71 ng
RT: 14.38 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	12.8	11.0	16.4





#49

Dimethylphthalate

Concen: 40.33 ng

RT: 14.11 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG019109.D

Acq: 10 Oct 2015 9:51

Instrument :

BNA_G

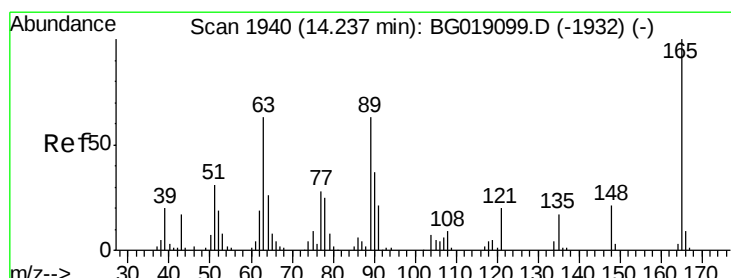
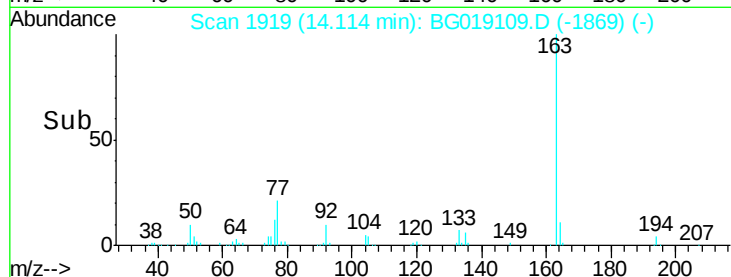
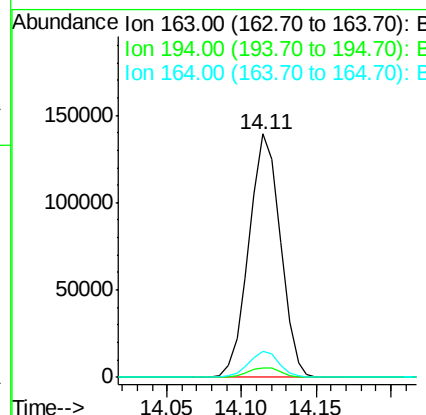
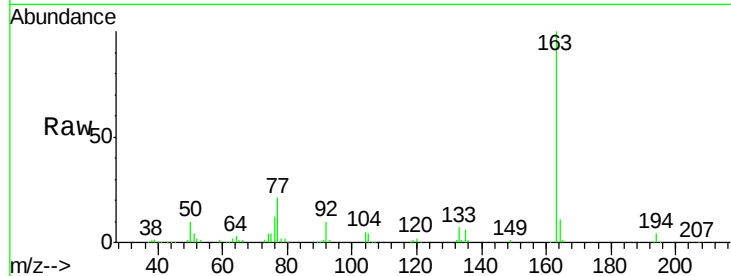
ClientSampleId :

PB85979BSD

Tgt	Ion:163	Resp:	202630
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.7	8.1	12.1

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#50

2,6-Dinitrotoluene

Concen: 42.05 ng

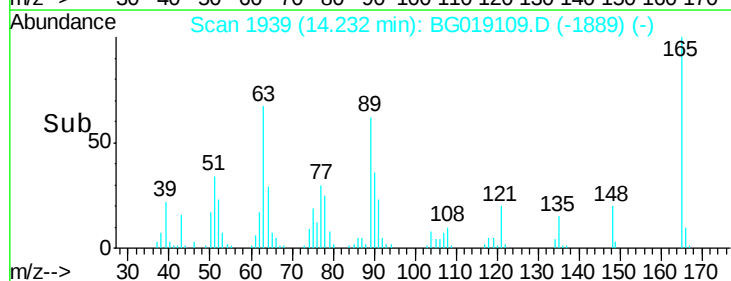
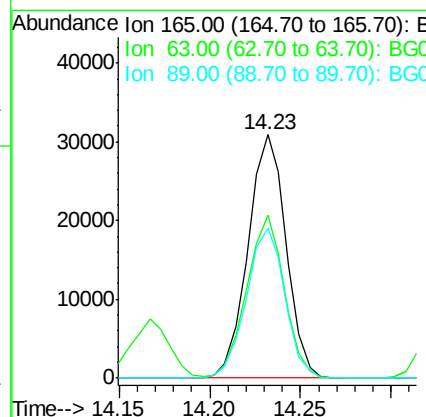
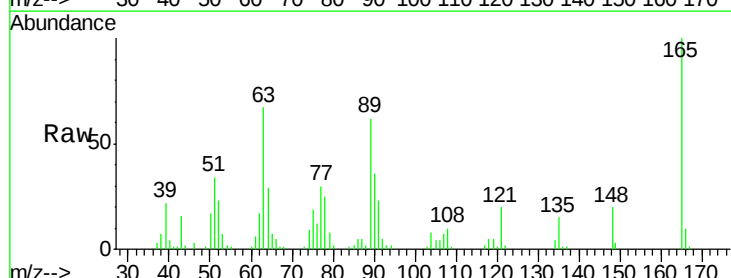
RT: 14.23 min Scan# 1939

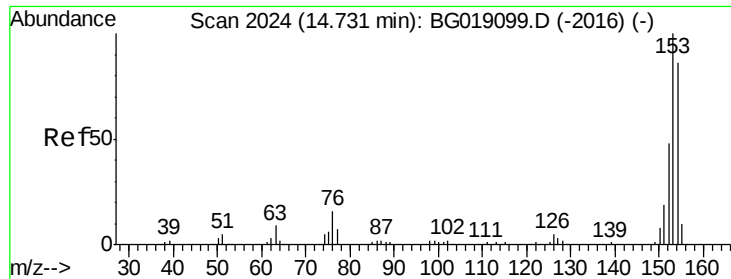
Delta R.T. -0.01 min

Lab File: BG019109.D

Acq: 10 Oct 2015 9:51

Tgt	Ion:165	Resp:	45134
Ion	Ratio	Lower	Upper
165	100		
63	66.7	52.6	78.8
89	61.5	50.6	76.0





#51

Acenaphthene

Concen: 38.42 ng

RT: 14.73 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BG019109.D

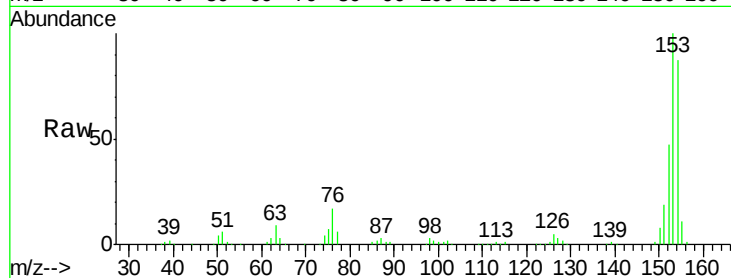
Acq: 10 Oct 2015 9:51

Instrument :

BNA_G

ClientSampleId :

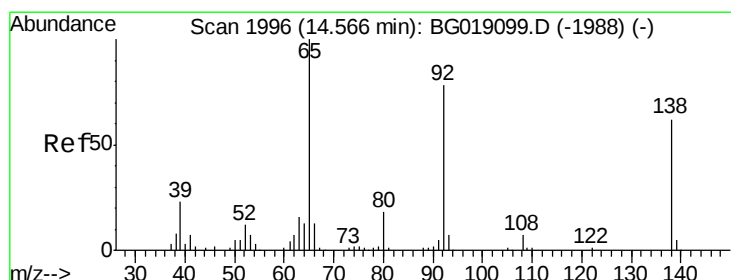
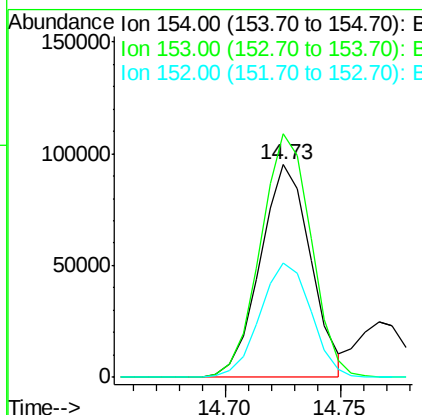
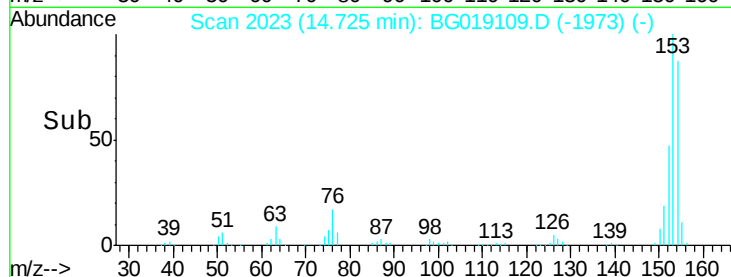
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.7	93.4	140.2	
152	53.7	44.9	67.3	

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#52

3-Nitroaniline

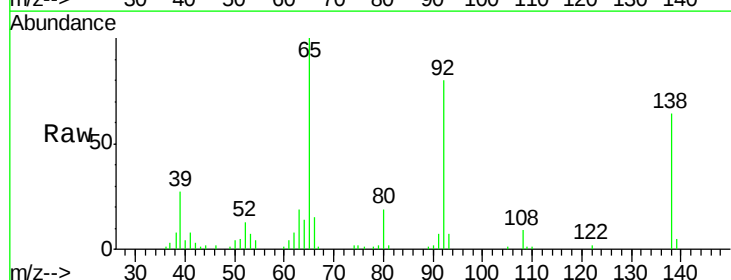
Concen: 21.63 ng

RT: 14.56 min Scan# 1995

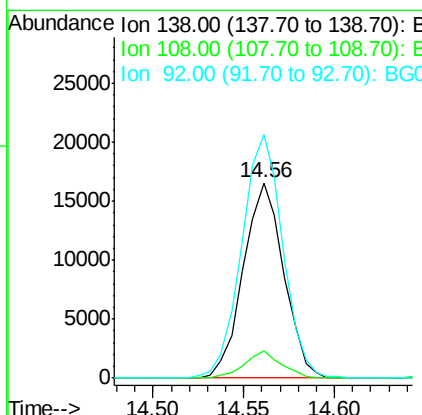
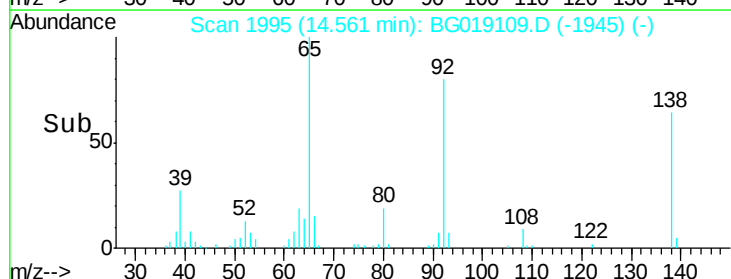
Delta R.T. -0.01 min

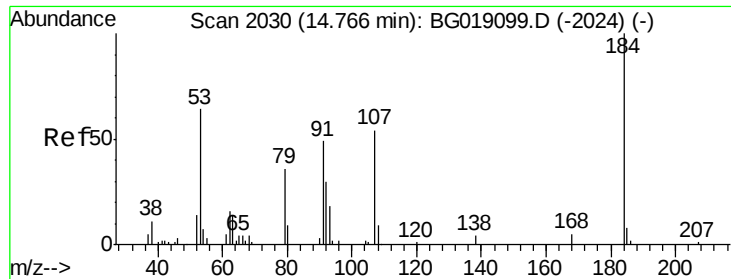
Lab File: BG019109.D

Acq: 10 Oct 2015 9:51



Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	14.3	8.6	13.0#	
92	124.6	101.4	152.0	





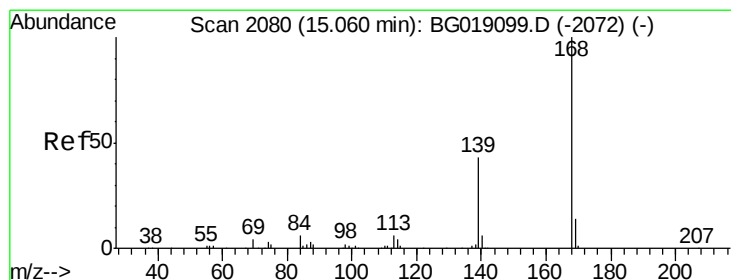
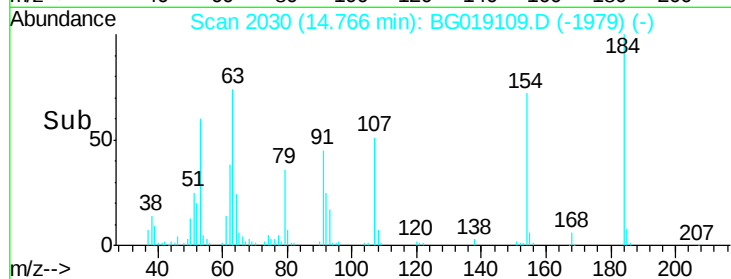
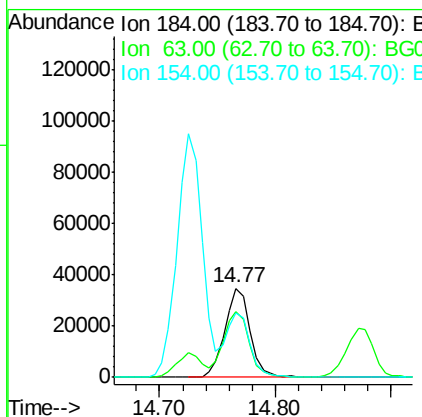
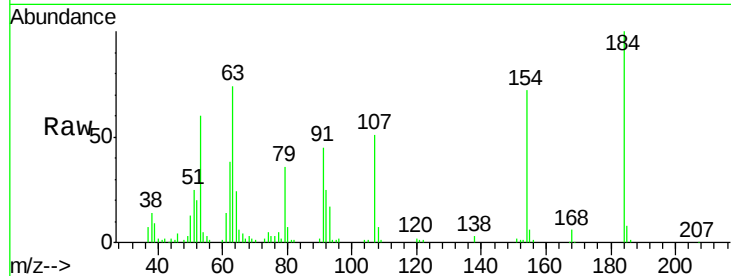
#53
2,4-Dinitrophenol
Concen: 82.23 ng
RT: 14.77 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Instrument :
BNA_G
ClientSampleId :
PB85979BSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	52653		
63	74.5	67.5	101.3	
154	71.9	62.4	93.6	

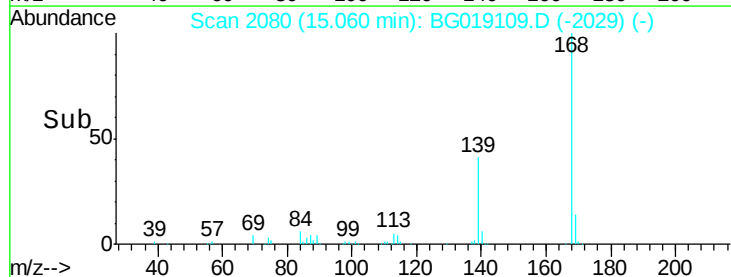
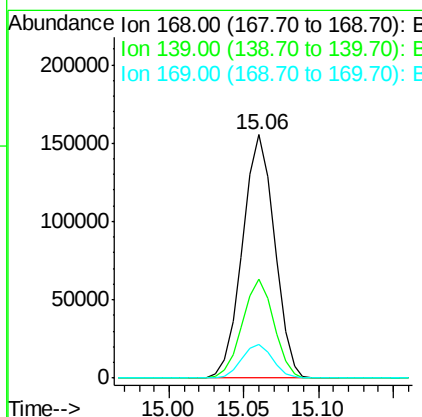
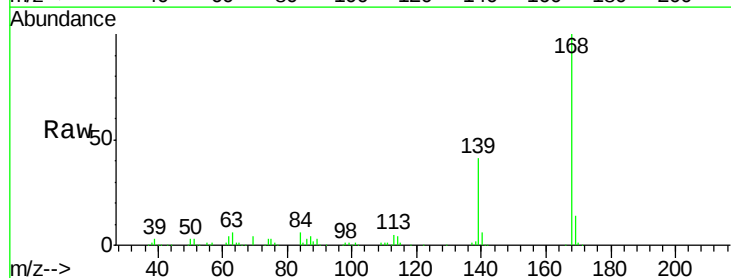
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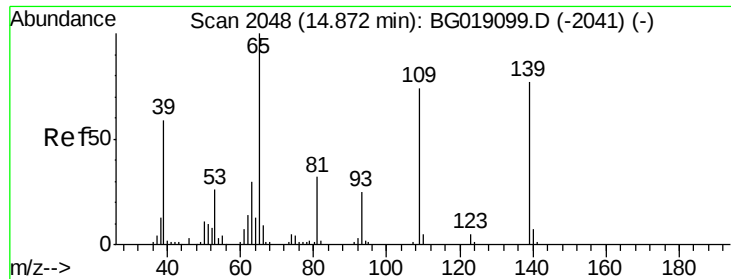
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#54
Dibenzofuran
Concen: 41.60 ng
RT: 15.06 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	231730		
139	40.7	34.2	51.4	
169	13.8	11.4	17.0	





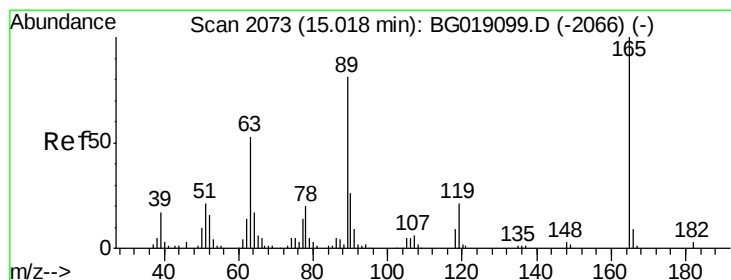
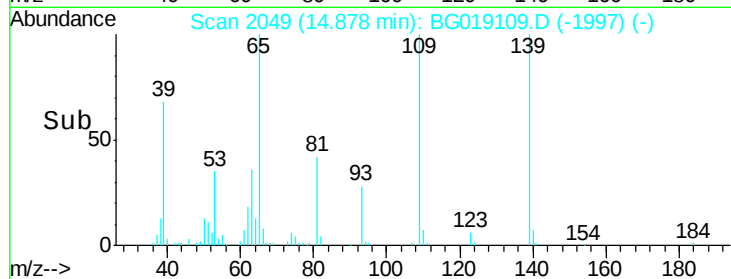
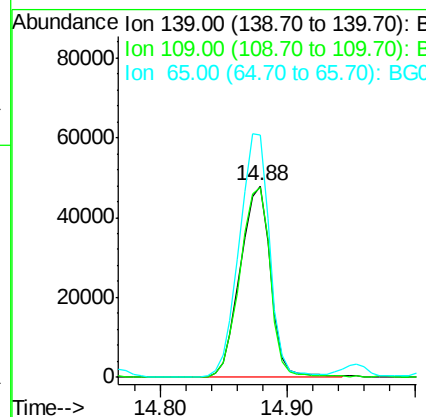
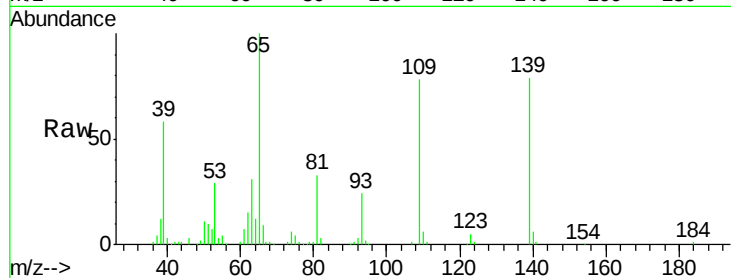
#55
4-Nitrophenol
Concen: 89.37 ng
RT: 14.88 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Instrument :
BNA_G
ClientSampleId :
PB85979BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	80103		
109	99.2	76.8	116.8	
65	126.7	110.0	150.0	

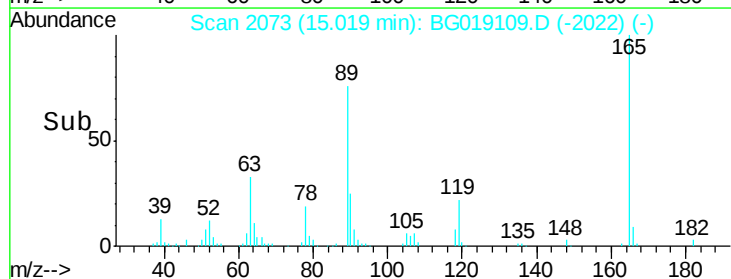
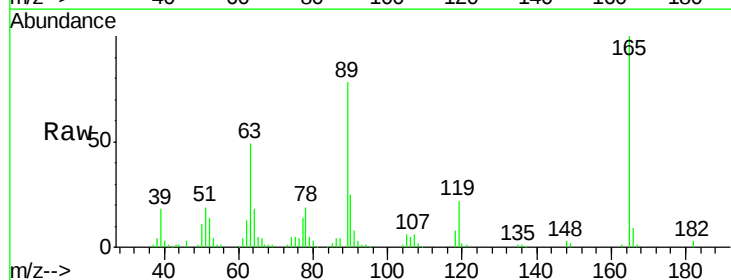
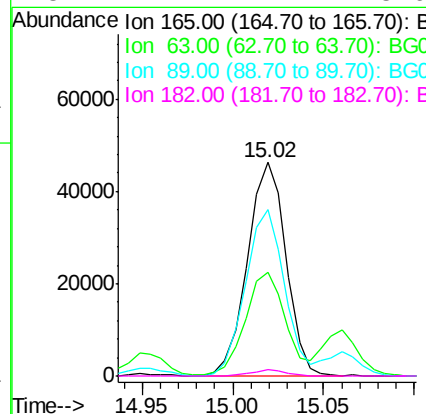
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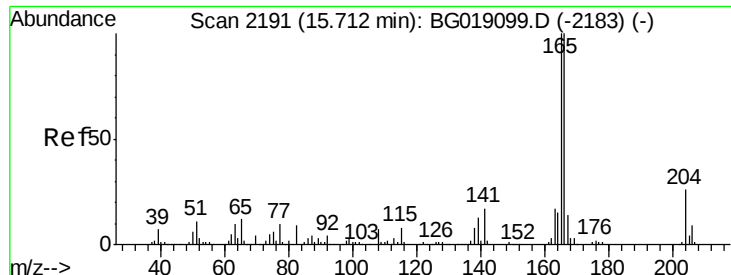
MMdadoda
10/12/2015 7:00:58 PM



#56
2,4-Dinitrotoluene
Concen: 43.72 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	68222		
63	48.8	42.2	63.2	
89	78.0	64.8	97.2	
182	2.7	2.4	3.6	





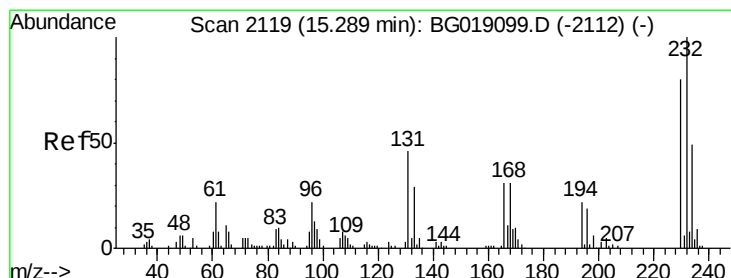
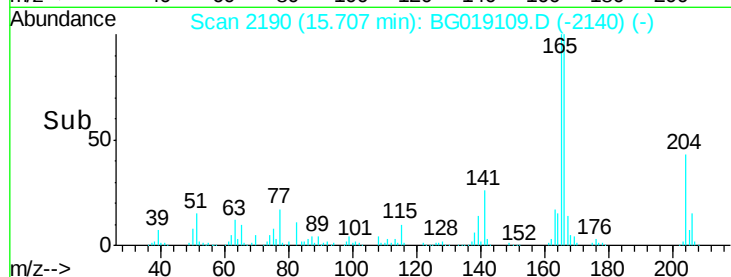
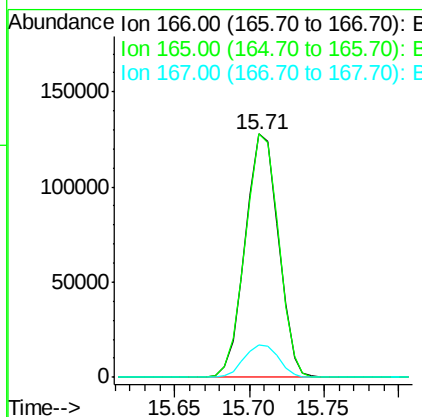
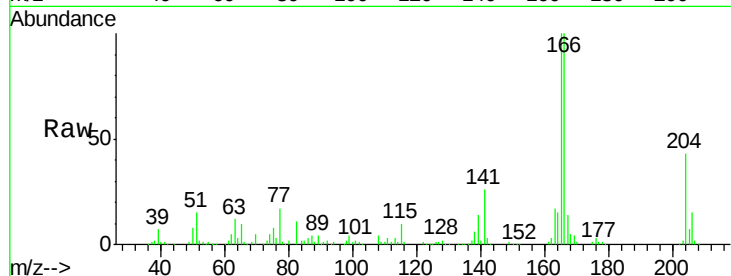
#57
 Fluorene
 Concen: 40.71 ng
 RT: 15.71 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	196694		
165	100.0	80.2	120.2	
167	13.5	11.4	17.0	

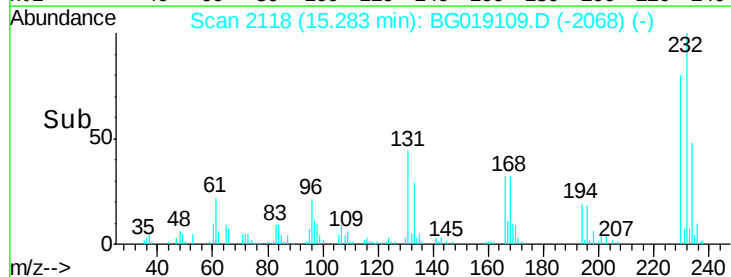
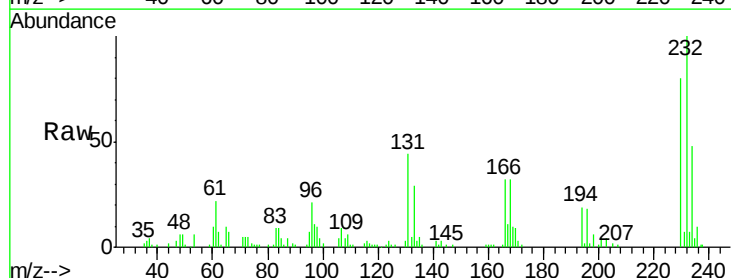
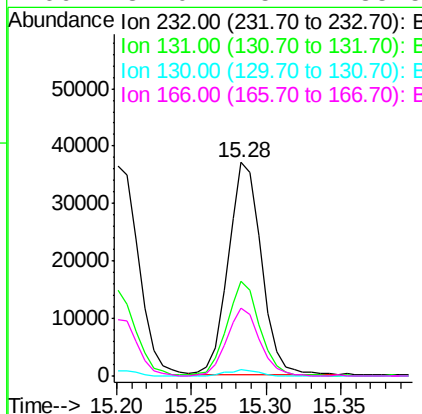
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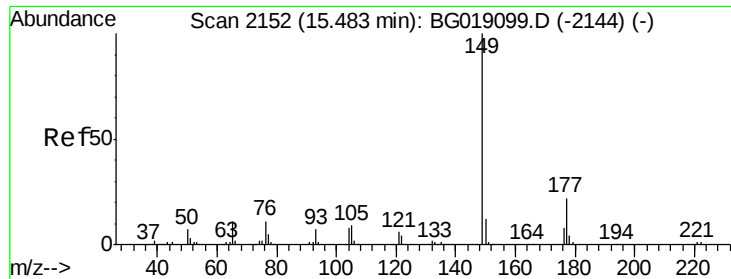
MMdadoda
 10/12/2015 7:00:58 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.02 ng
 RT: 15.28 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	57646		
131	44.3	36.5	54.7	
130	2.6	2.3	3.5	
166	32.0	25.7	38.5	





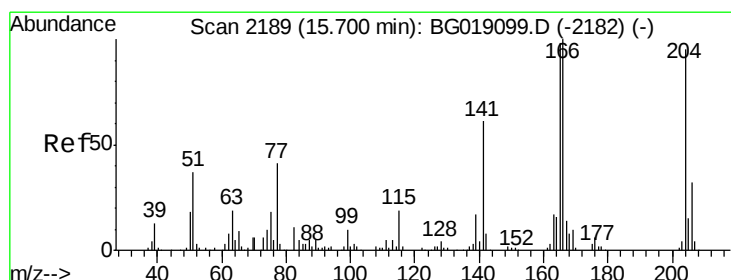
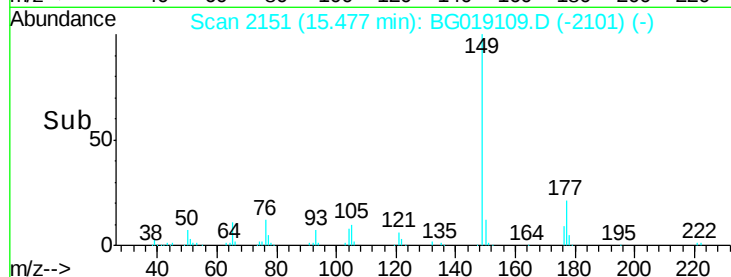
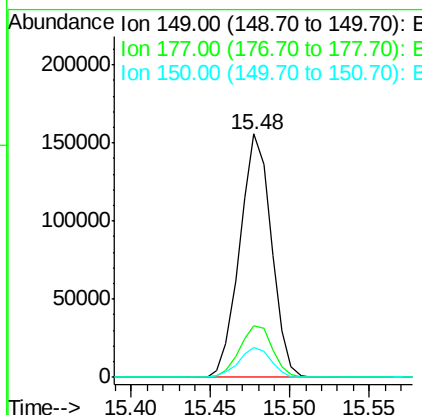
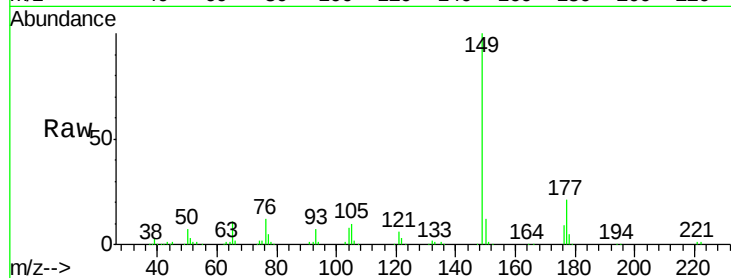
#59
Diethylphthalate
Concen: 41.31 ng
RT: 15.48 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Instrument :
BNA_G
ClientSampleId :
PB85979BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.4	17.7	26.5
150	12.1	9.4	14.2

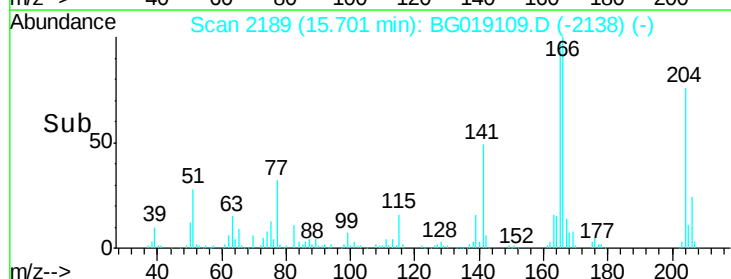
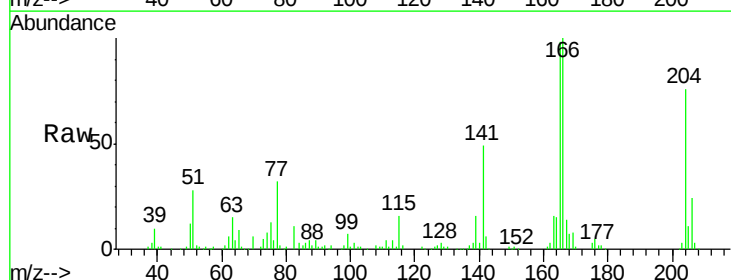
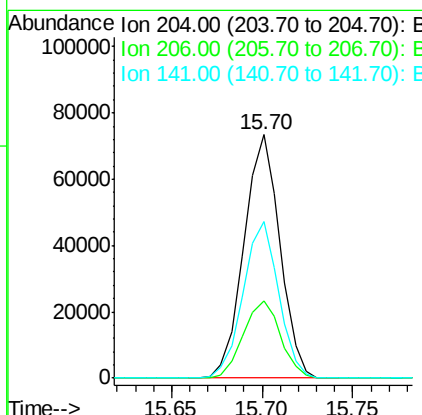
Manual Integrations
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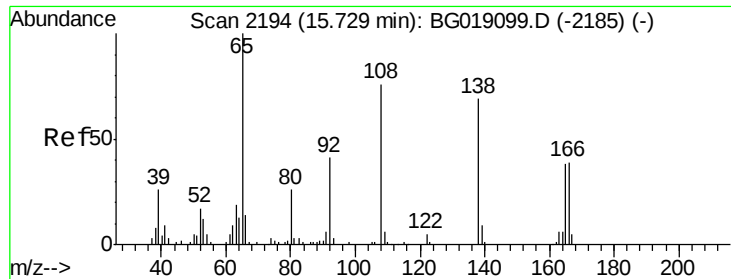
MMdadoda
10/12/2015 7:00:58 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.05 ng
RT: 15.70 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	31.7	27.0	40.4
141	64.1	51.9	77.9





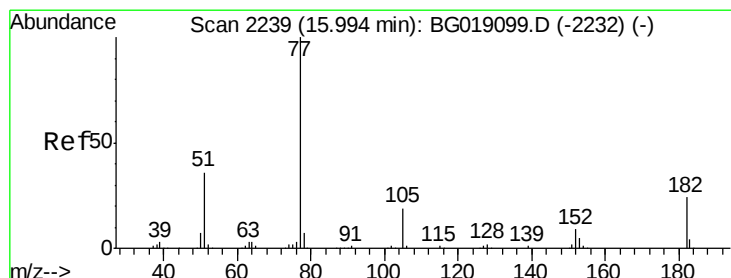
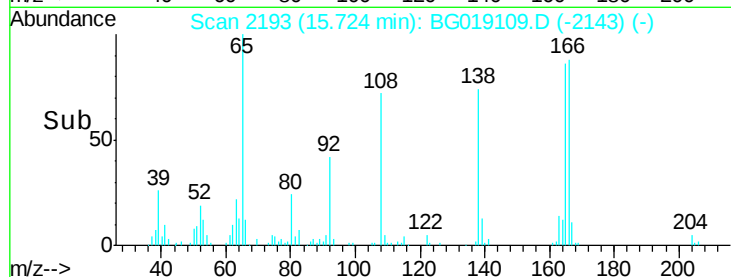
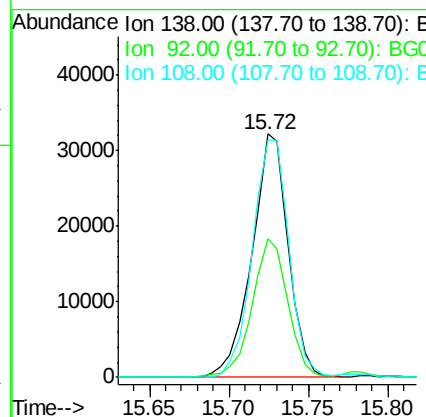
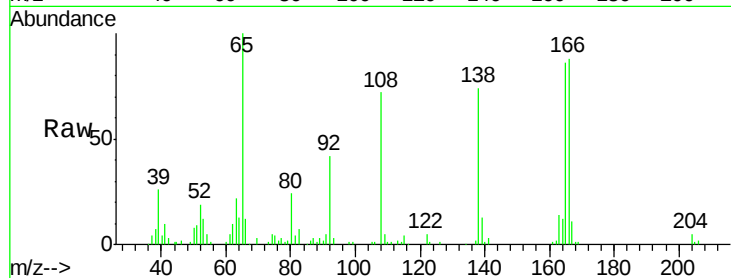
#61
4-Nitroaniline
Concen: 39.79 ng
RT: 15.72 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Instrument :
BNA_G
ClientSampleId :
PB85979BSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	51218		
92	56.7	39.0	79.0	
108	97.3	90.8	130.8	

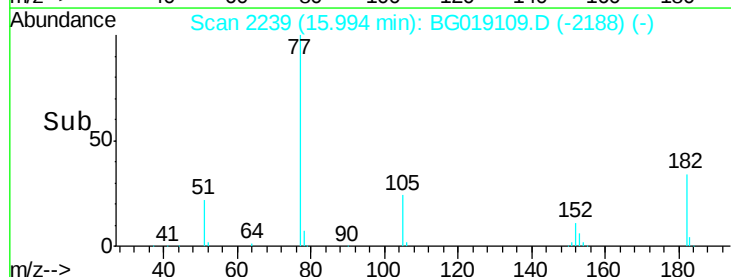
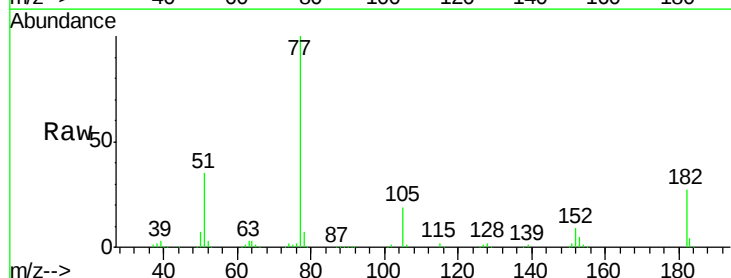
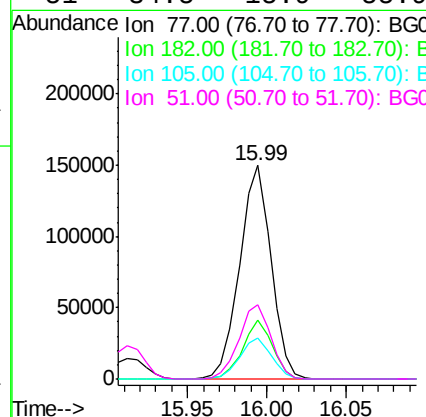
Manual Integrations
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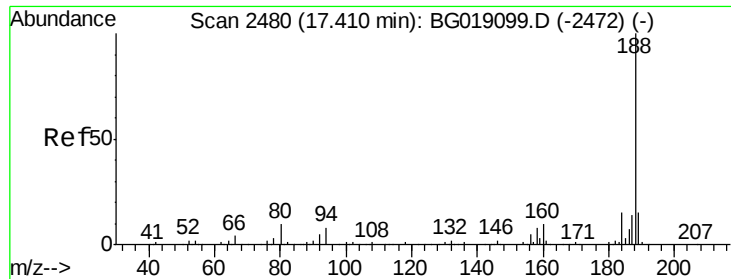
MMdadoda
10/12/2015 7:00:58 PM



#62
Azobenzene
Concen: 42.34 ng
RT: 15.99 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	204893		
182	27.4	4.4	44.4	
105	19.1	0.0	39.1	
51	34.5	15.9	55.9	





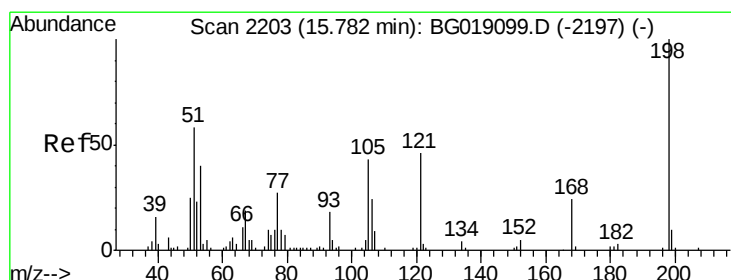
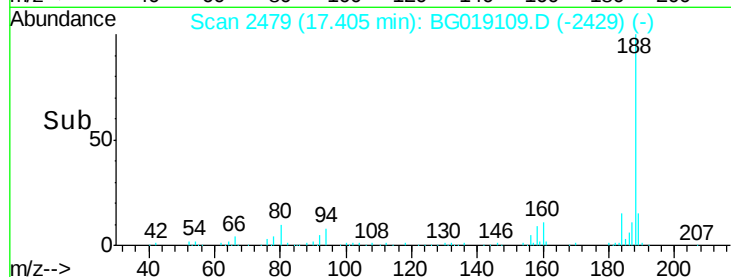
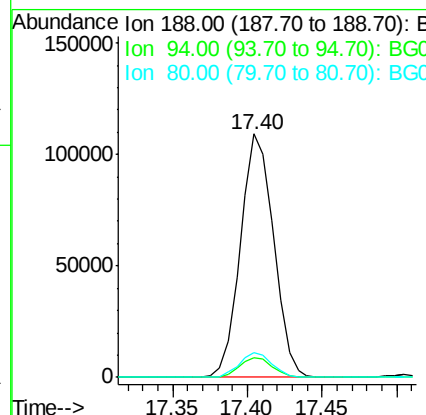
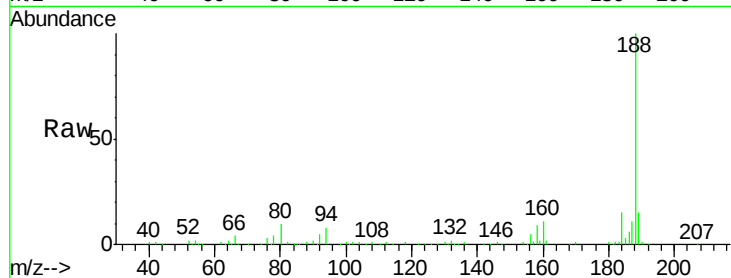
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Instrument :
BNA_G
ClientSampleId :
PB85979BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.0	6.4	9.6
80	10.0	7.6	11.4

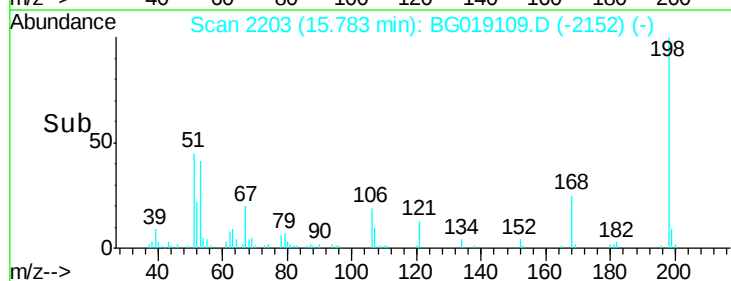
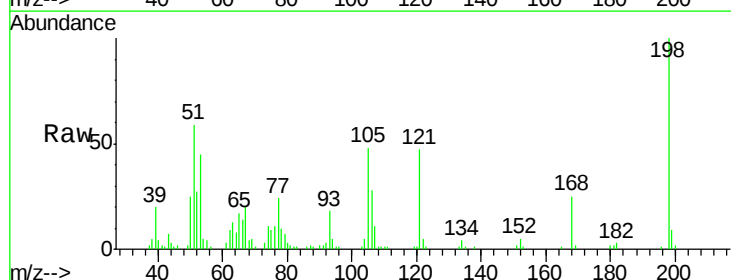
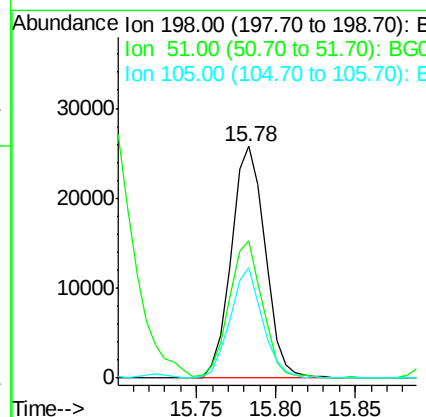
Manual Integrations
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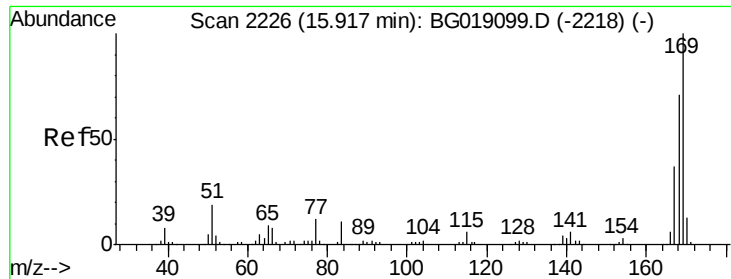
MMdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.47 ng
RT: 15.78 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	59.4	40.1	80.1
105	47.7	23.4	63.4





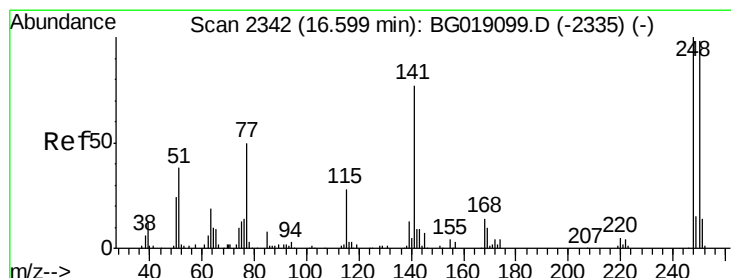
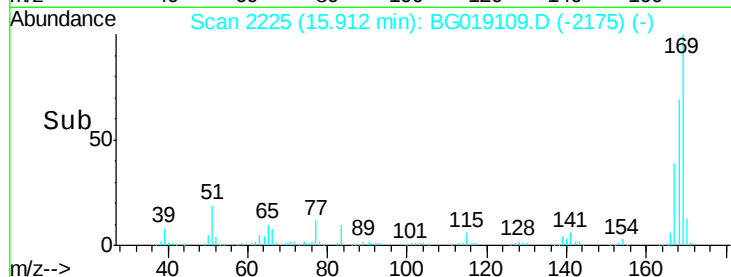
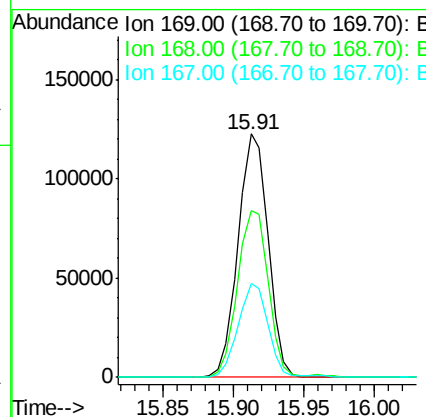
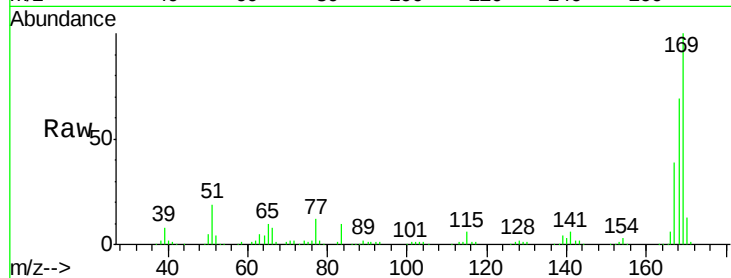
#65
 n-Nitrosodiphenylamine
 Concen: 39.18 ng
 RT: 15.91 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	181906		
168	68.7	56.6	84.8	
167	38.6	30.0	45.0	

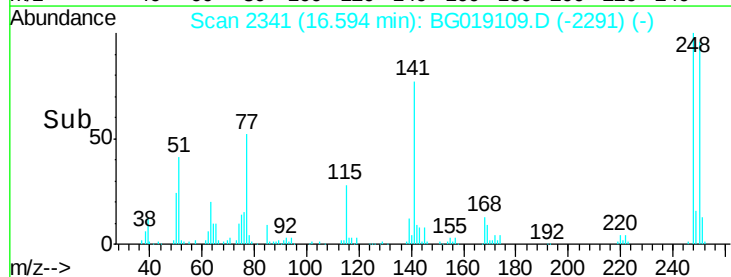
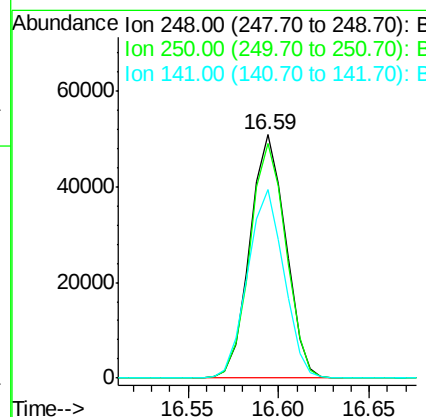
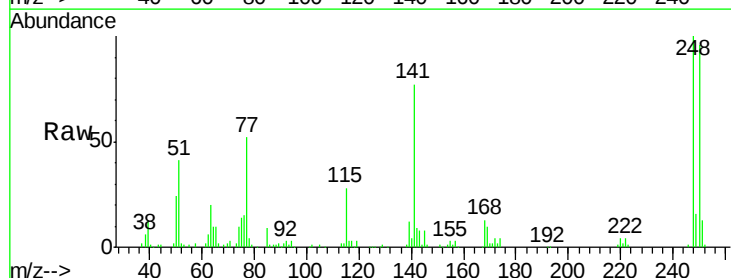
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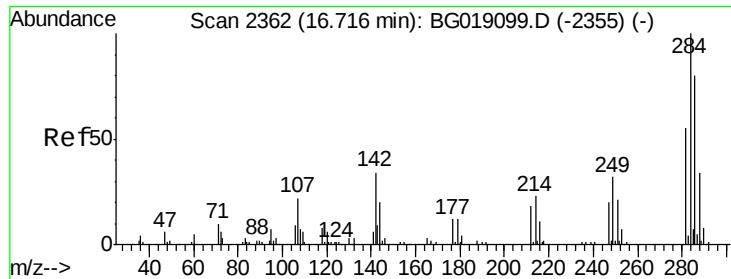
MMdadoda
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#66
 4-Bromophenyl-phenylether
 Concen: 41.01 ng
 RT: 16.59 min Scan# 2341
 Delta R.T. -0.01 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	70018		
250	96.3	78.4	117.6	
141	77.5	61.7	92.5	





#67

Hexachlorobenzene

Concen: 40.46 ng

RT: 16.71 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG019109.D

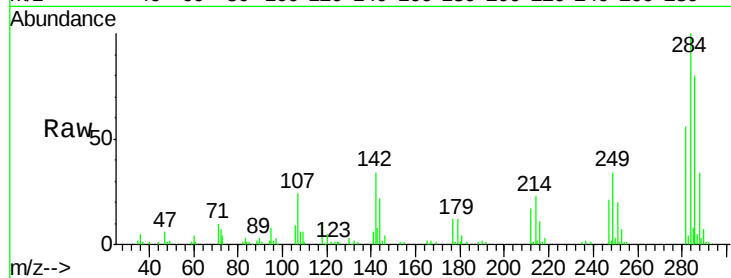
Acq: 10 Oct 2015 9:51

Instrument :

BNA_G

ClientSampleId :

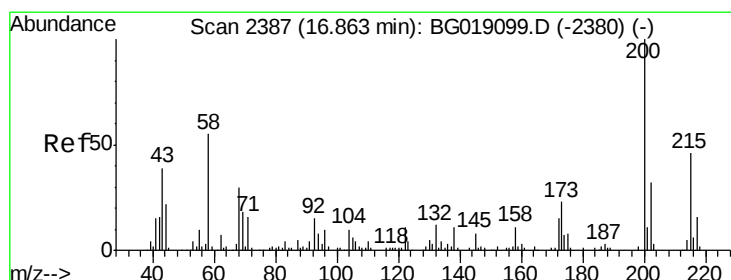
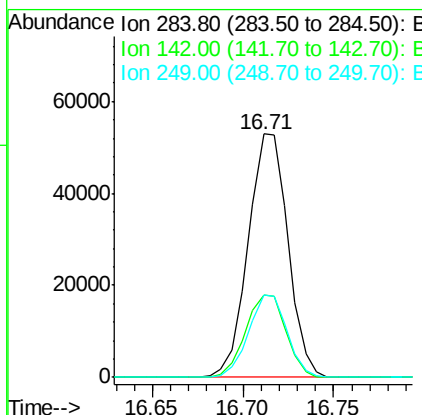
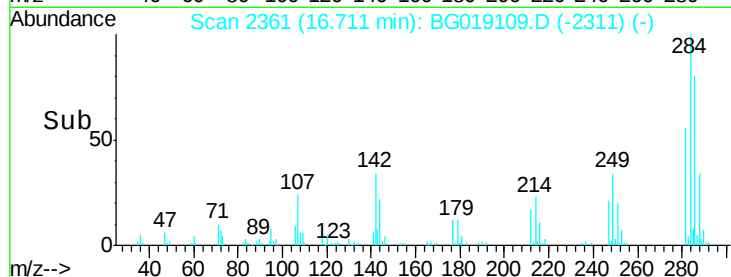
PB85979BSD



Tgt Ion:	284	Resp:	81119
Ion Ratio	Lower	Upper	
284	100		
142	33.8	27.0	40.4
249	34.0	25.4	38.2

Manual Integrations
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#68

Atrazine

Concen: 41.98 ng

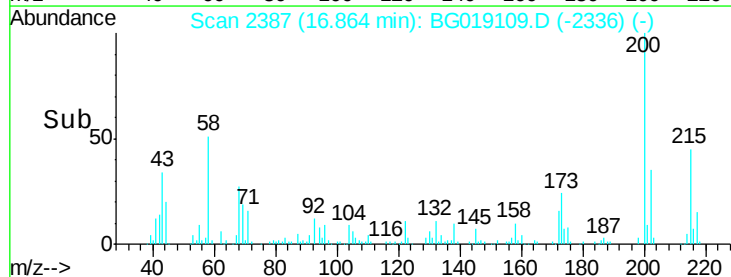
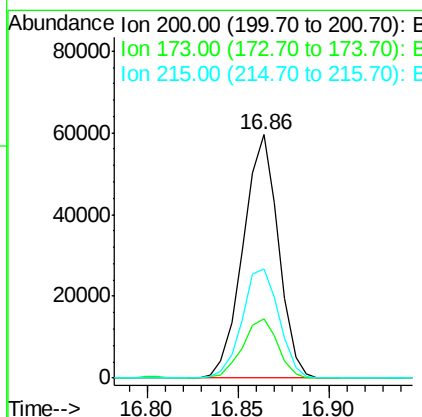
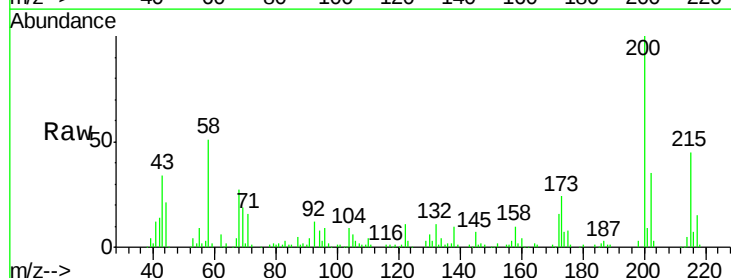
RT: 16.86 min Scan# 2387

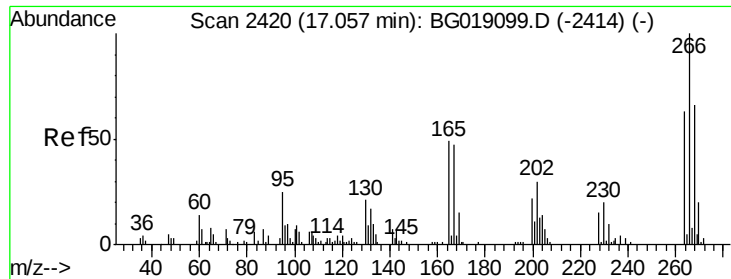
Delta R.T. 0.00 min

Lab File: BG019109.D

Acq: 10 Oct 2015 9:51

Tgt Ion:	200	Resp:	80253
Ion Ratio	Lower	Upper	
200	100		
173	24.3	3.3	43.3
215	45.0	26.4	66.4





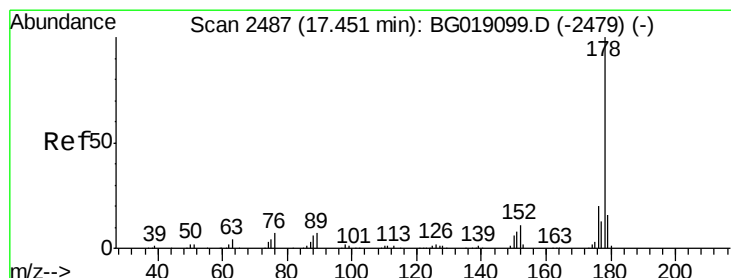
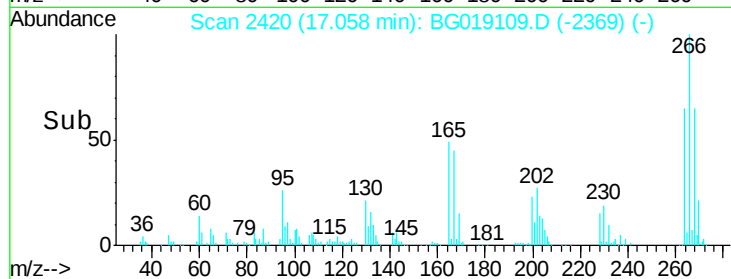
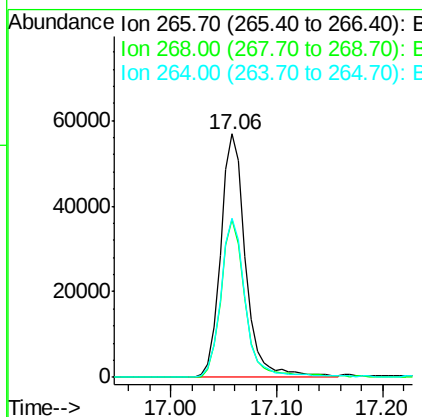
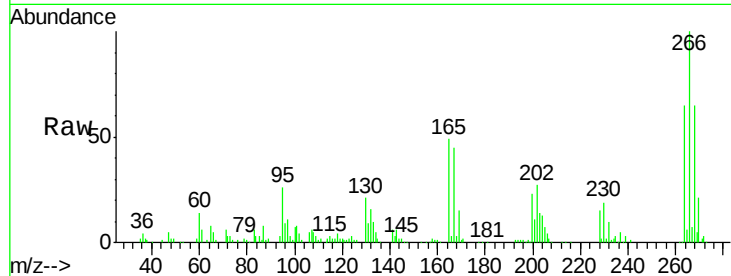
#69
 Pentachlorophenol
 Concen: 89.11 ng
 RT: 17.06 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BSD

Tgt Ion:	266	Resp:	93128
Ion Ratio	Lower	Upper	
266	100		
268	64.7	53.0	79.4
264	65.2	50.1	75.1

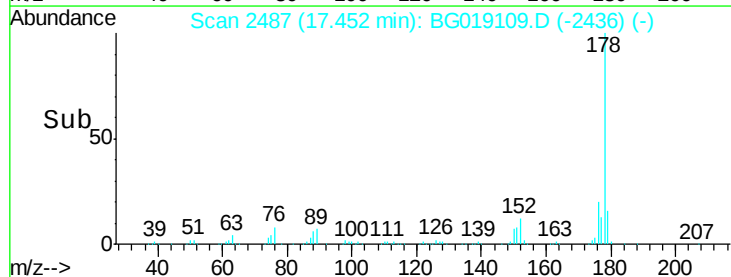
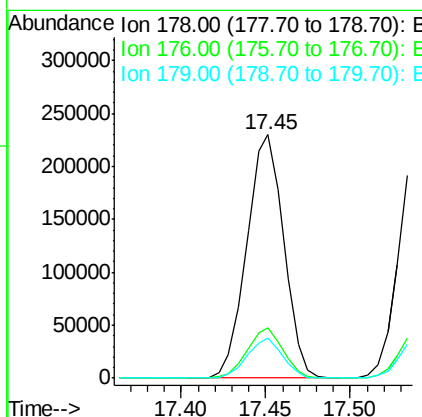
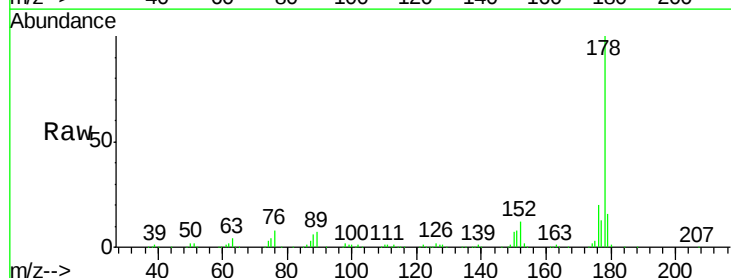
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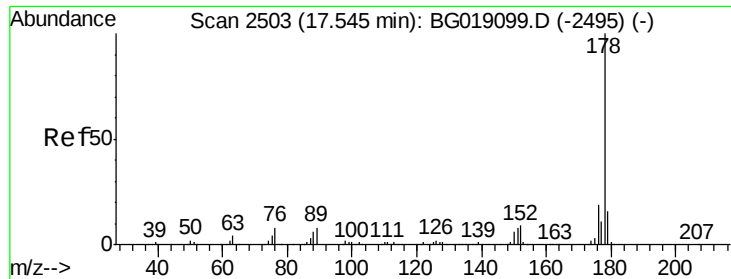
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#70
 Phenanthrene
 Concen: 40.48 ng
 RT: 17.45 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Tgt Ion:	178	Resp:	349950
Ion Ratio	Lower	Upper	
178	100		
176	20.4	16.3	24.5
179	16.3	12.8	19.2





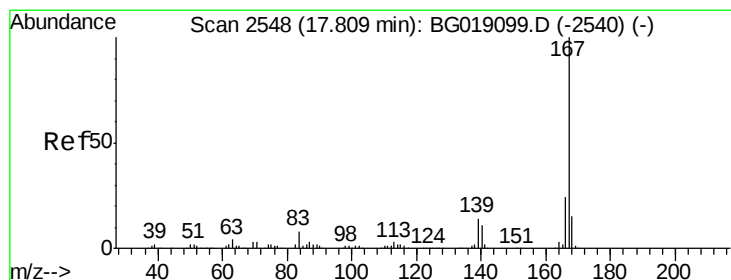
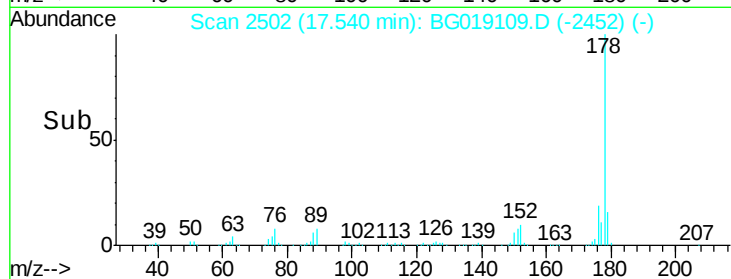
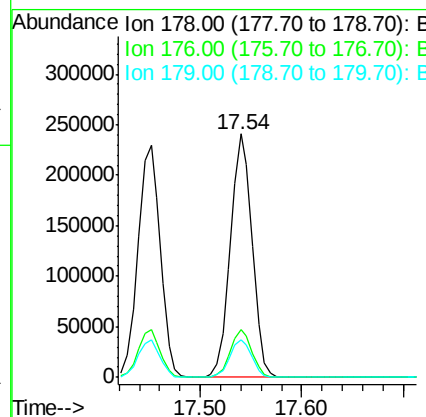
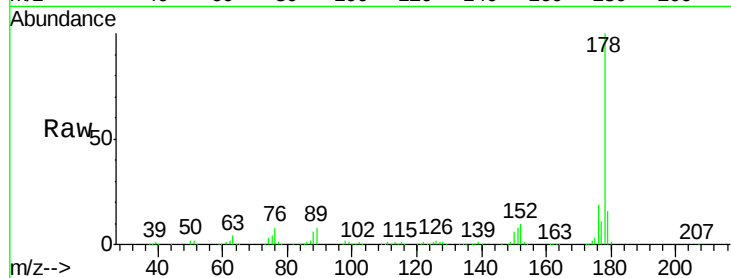
#71
 Anthracene
 Concen: 41.37 ng
 RT: 17.54 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.6	12.9	19.3

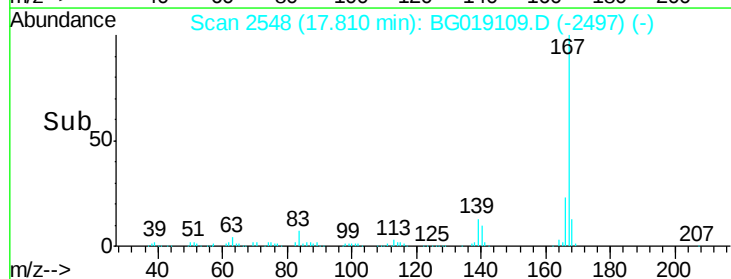
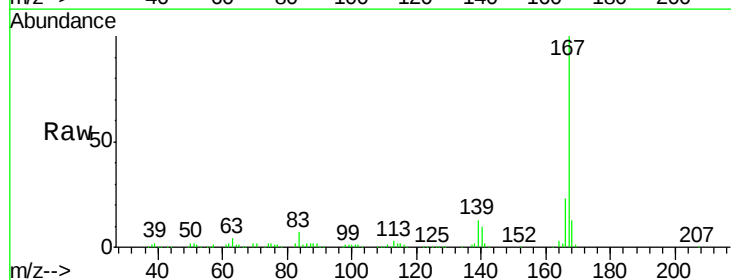
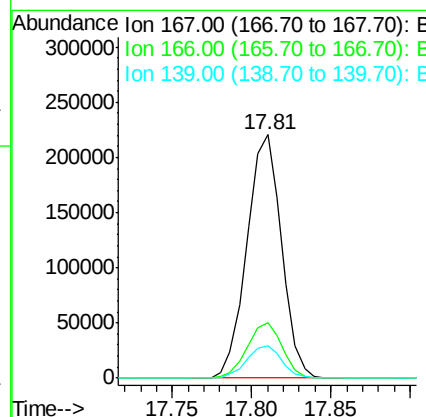
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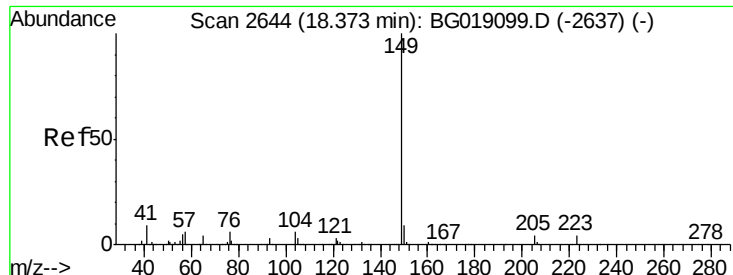
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#72
 Carbazole
 Concen: 41.34 ng
 RT: 17.81 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	19.1	28.7
139	13.4	11.2	16.8





#73

Di-n-butylphthalate

Concen: 41.20 ng

RT: 18.37 min Scan# 2643

Delta R.T. -0.01 min

Lab File: BG019109.D

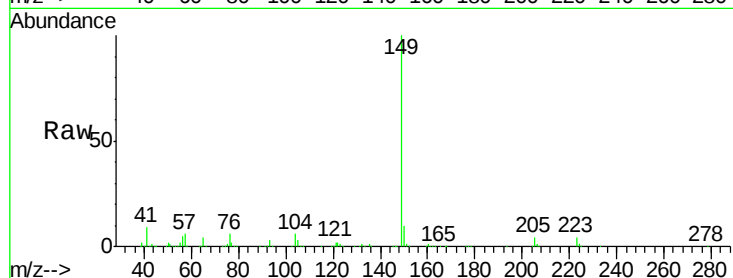
Acq: 10 Oct 2015 9:51

Instrument :

BNA_G

ClientSampleId :

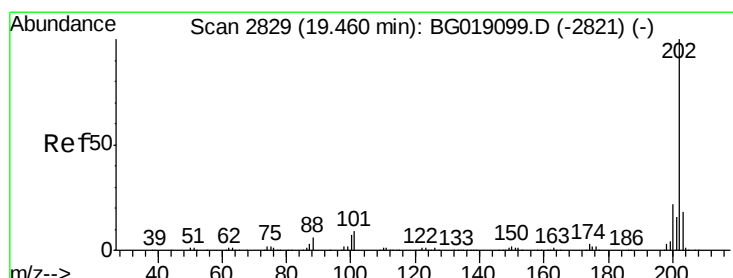
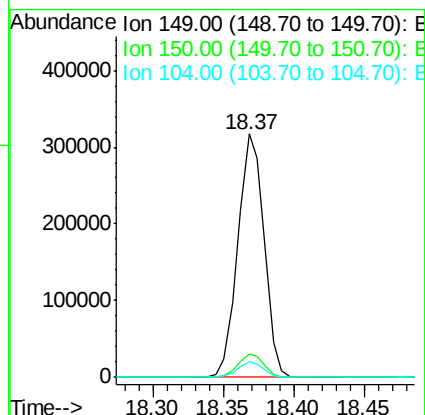
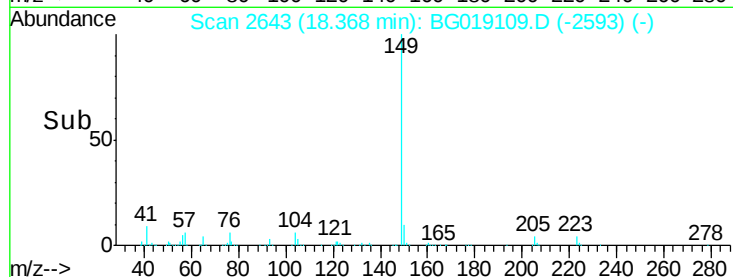
PB85979BSD



Tgt Ion:	149	Resp:	408474
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.5	11.3
104	6.3	5.0	7.6

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#74

Fluoranthene

Concen: 41.05 ng

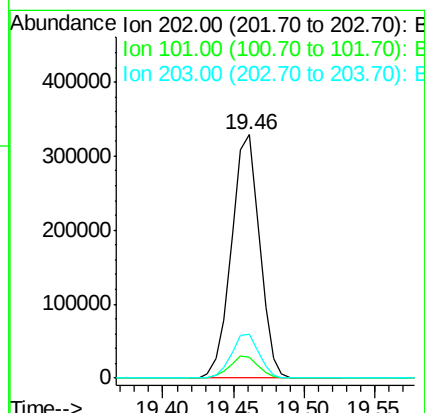
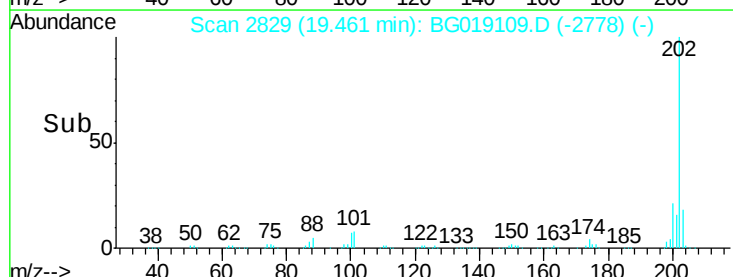
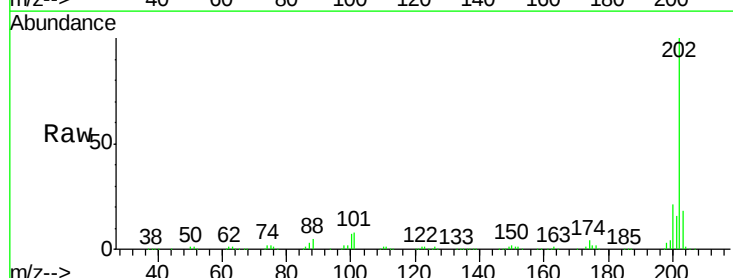
RT: 19.46 min Scan# 2829

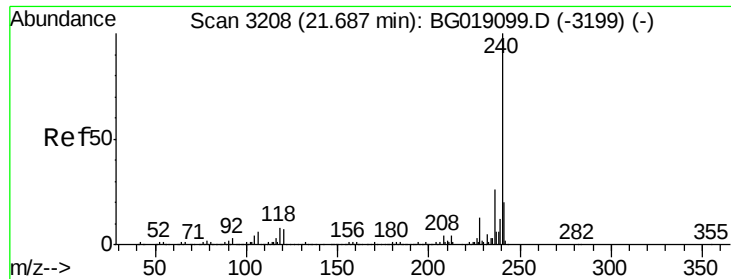
Delta R.T. 0.00 min

Lab File: BG019109.D

Acq: 10 Oct 2015 9:51

Tgt Ion:	202	Resp:	456668
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	28.9
203	18.3	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: BG019109.D

Acq: 10 Oct 2015 9:51

Instrument :

BNA_G

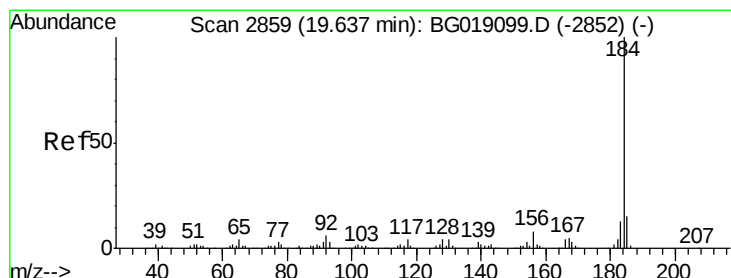
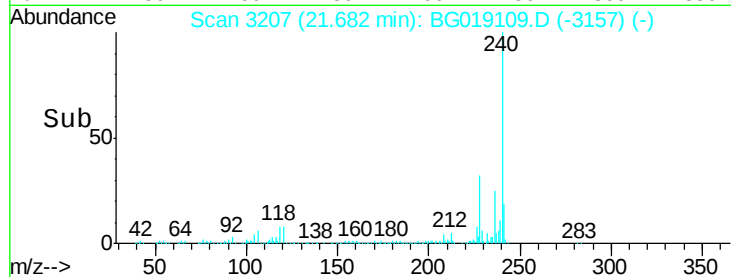
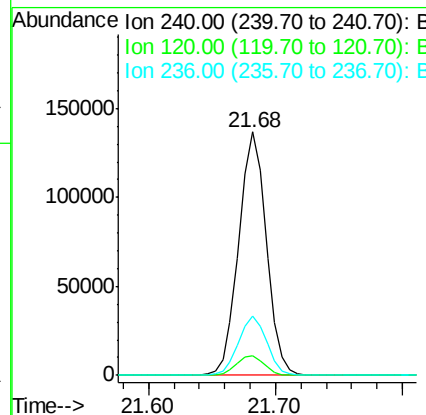
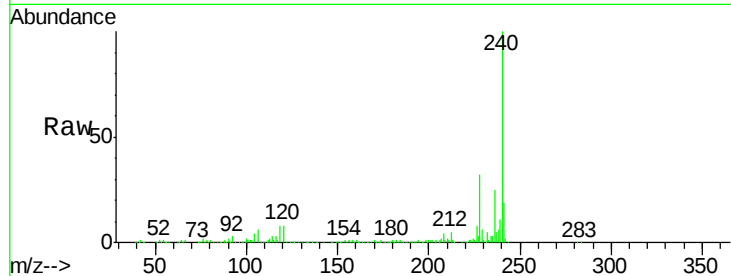
ClientSampleId :

PB85979BSD

Tgt Ion:	240	Resp:	205473
Ion Ratio	Lower	Upper	
240	100		
120	7.9	5.8	8.6
236	24.6	21.2	31.8

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#76

Benzidine

Concen: 29.75 ng

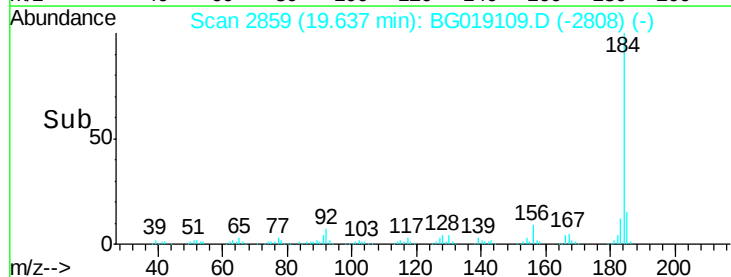
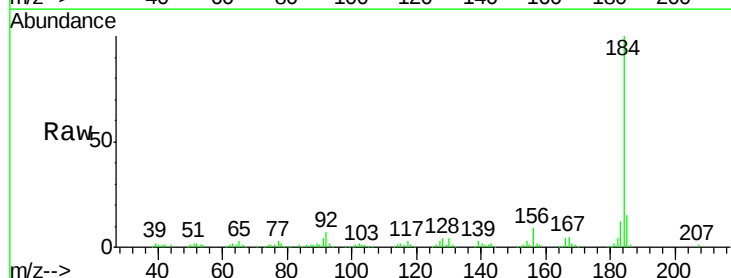
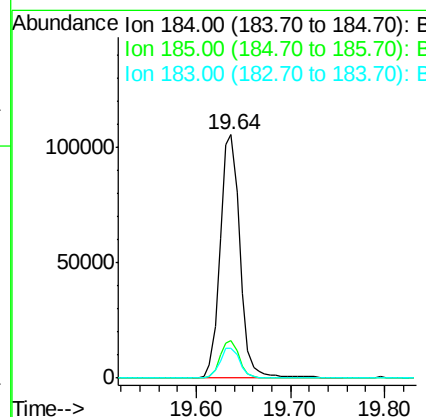
RT: 19.64 min Scan# 2859

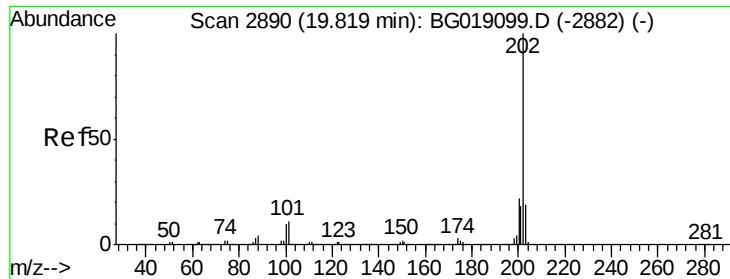
Delta R.T. 0.00 min

Lab File: BG019109.D

Acq: 10 Oct 2015 9:51

Tgt Ion:	184	Resp:	156839
Ion Ratio	Lower	Upper	
184	100		
185	15.5	11.9	17.9
183	12.3	10.1	15.1





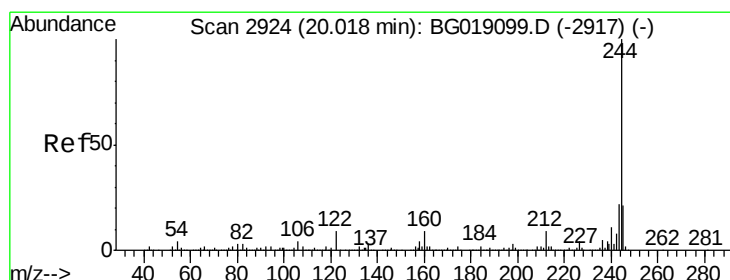
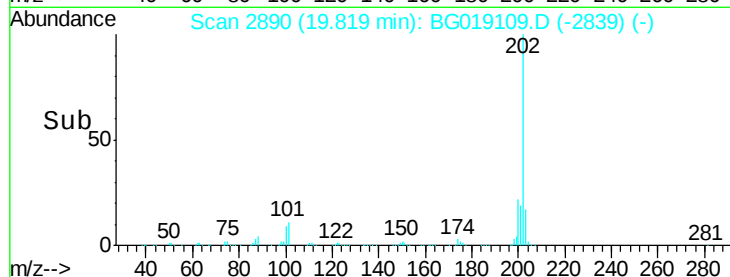
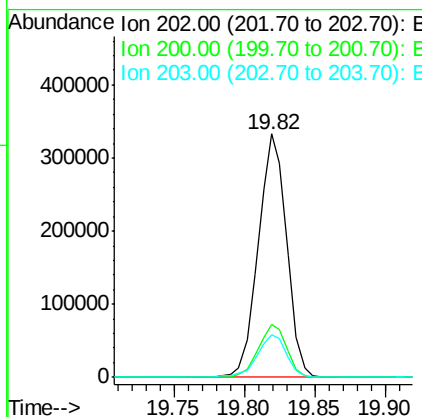
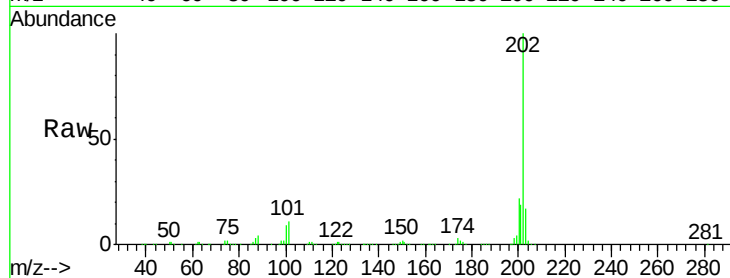
#77
 Pyrene
 Concen: 40.82 ng
 RT: 19.82 min Scan# 2890
 Delta R.T. 0.00 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.7	17.4	26.2
203	17.4	14.8	22.2

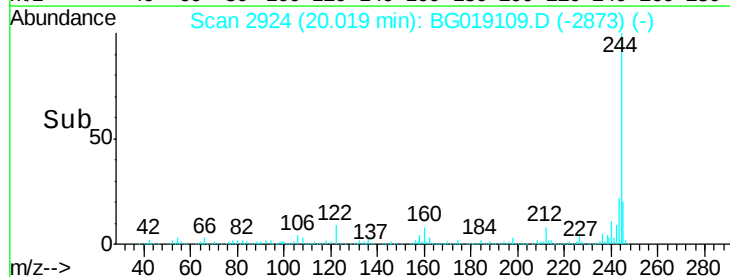
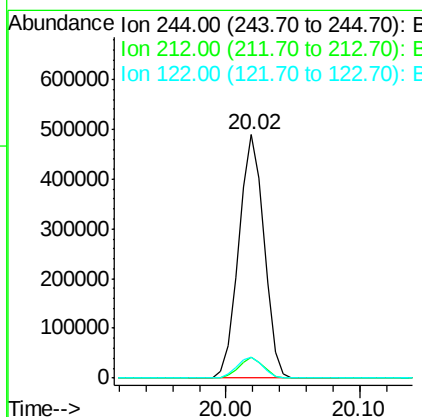
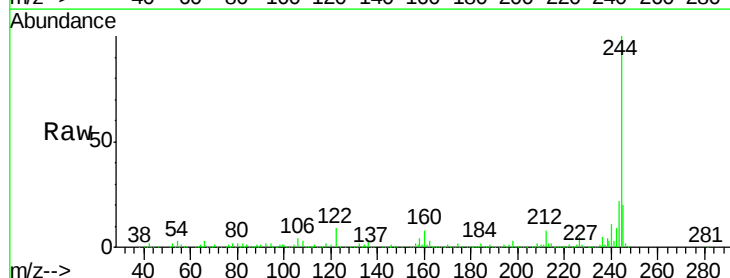
Manual Integrations
 APPROVED

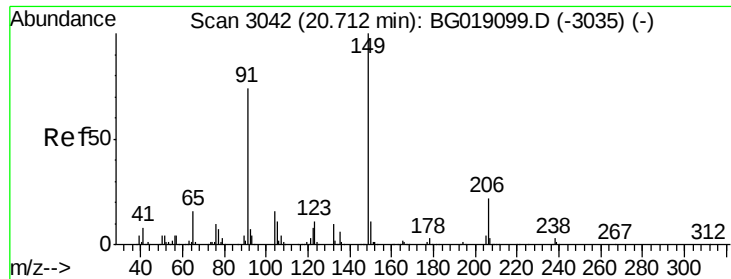
MMdadoda
 10/12/2015 7:00:58 PM



#78
 Terphenyl-d14
 Concen: 82.18 ng
 RT: 20.02 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.4	6.8	10.2
122	8.7	7.4	11.2





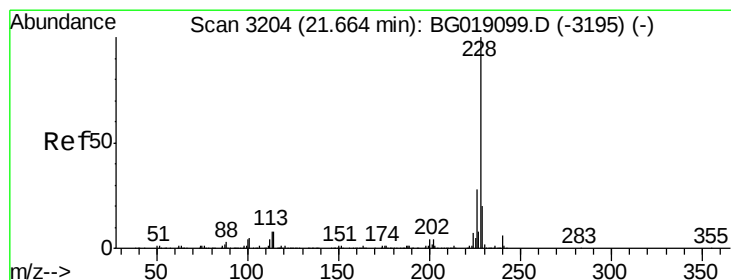
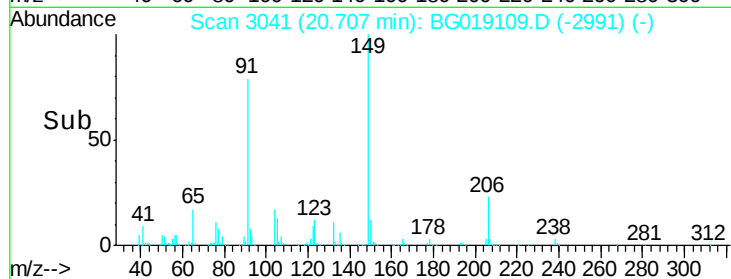
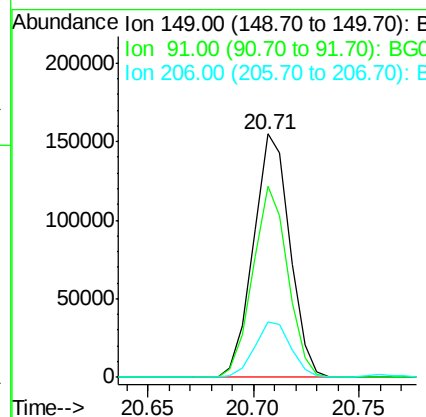
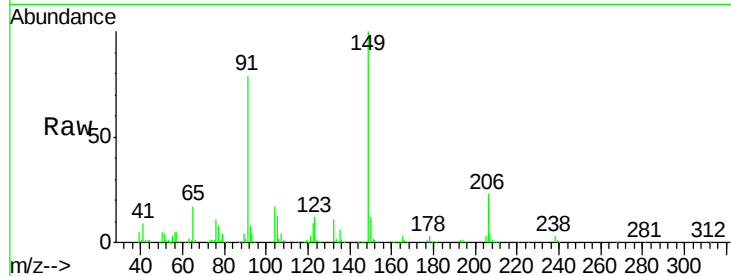
#79
Butylbenzylphthalate
Concen: 39.68 ng
RT: 20.71 min Scan# 3041
Delta R.T. -0.01 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Instrument :
BNA_G
ClientSampleId :
PB85979BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	78.7	59.2	88.8
206	22.9	17.5	26.3

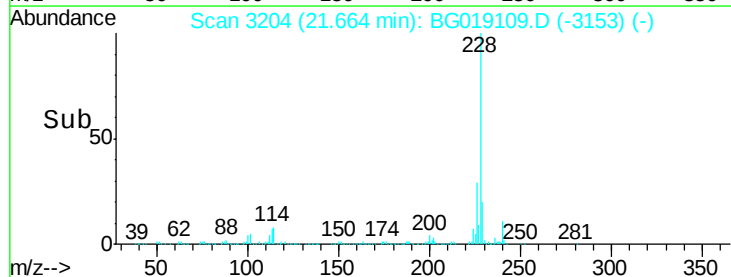
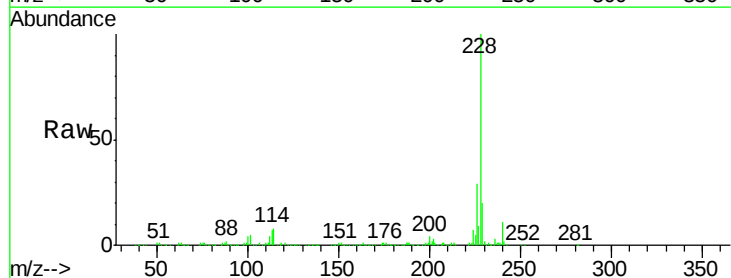
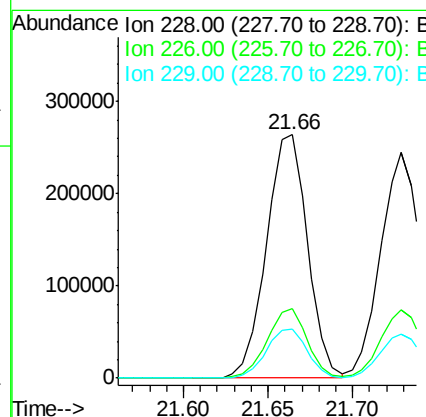
Manual Integrations
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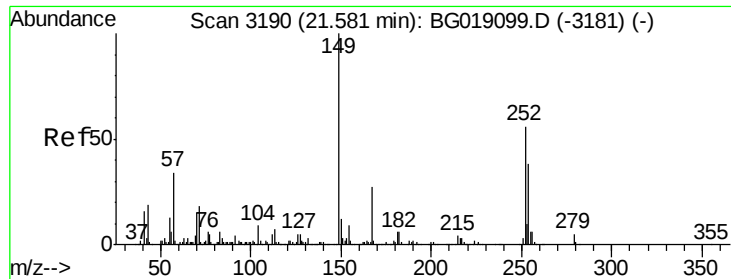
MMdadoda
10/12/2015 7:00:58 PM



#80
Benzo(a)anthracene
Concen: 40.40 ng
RT: 21.66 min Scan# 3204
Delta R.T. 0.00 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.5	22.4	33.6
229	20.3	16.2	24.2





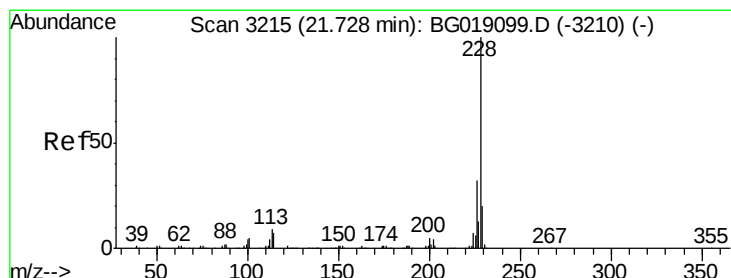
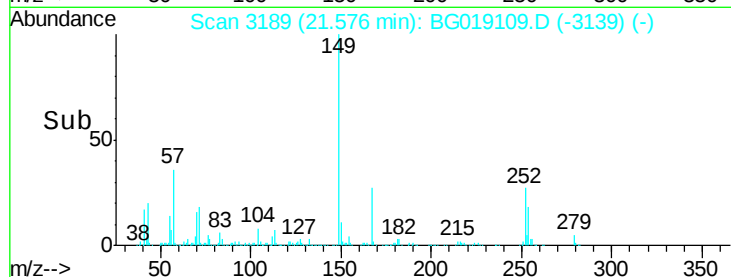
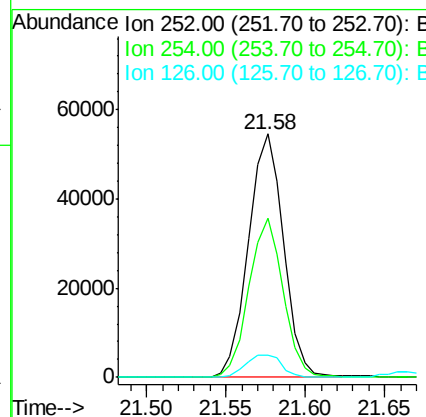
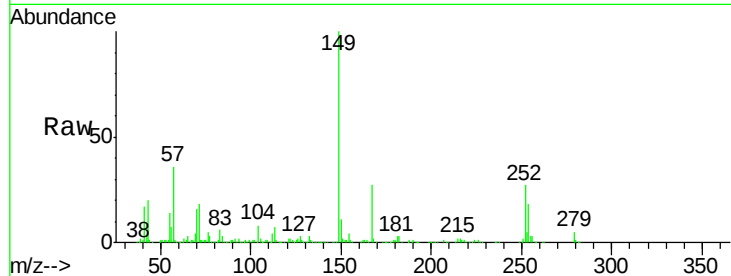
#81
 3,3'-Dichlorobenzidine
 Concen: 20.67 ng
 RT: 21.58 min Scan# 3189
 Delta R.T. -0.01 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	84220		
254	65.5	53.9	80.9	
126	9.0	7.0	10.6	

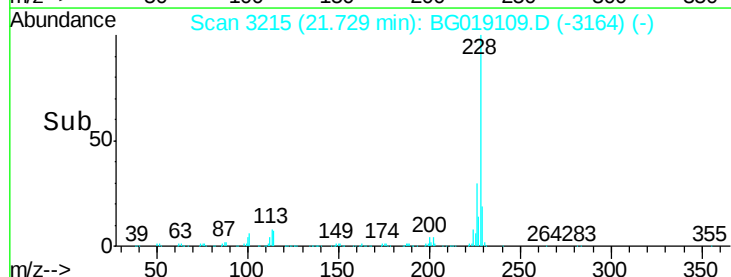
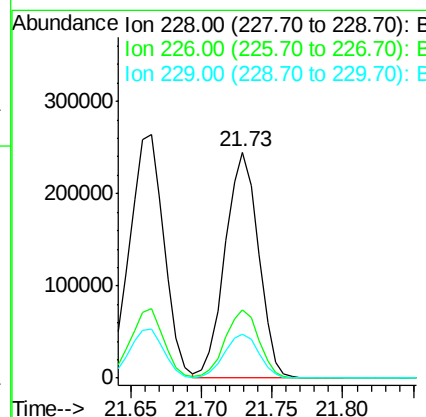
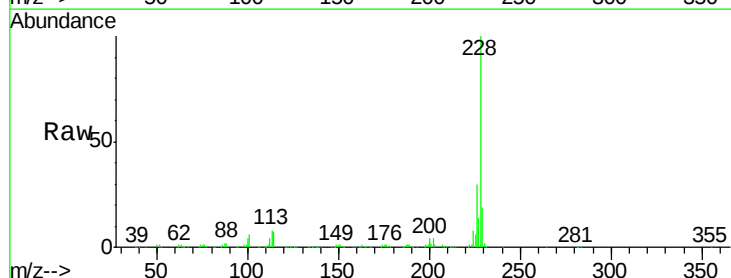
Manual Integrations
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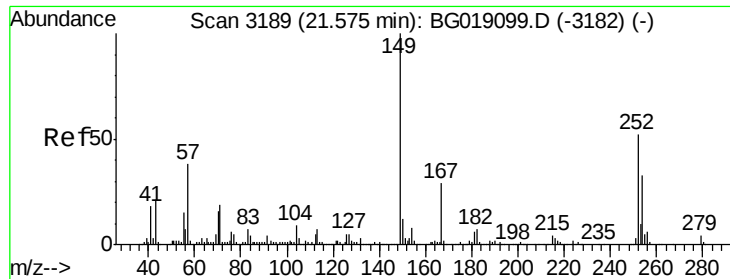
MMdadoda
 10/12/2015 7:00:58 PM



#82
 Chrysene
 Concen: 38.47 ng
 RT: 21.73 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	402161		
226	30.2	25.2	37.8	
229	19.5	16.3	24.5	





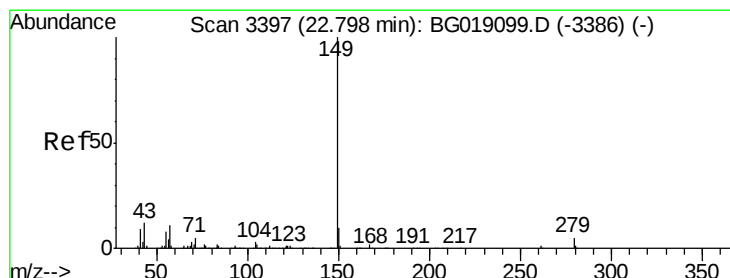
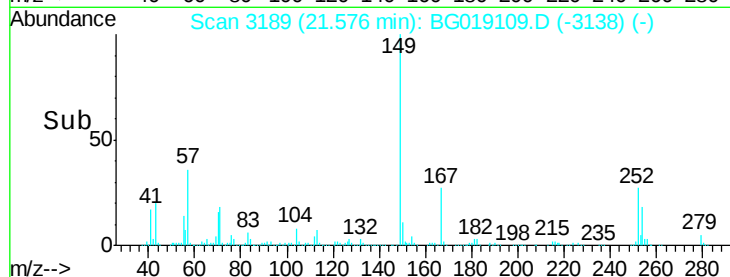
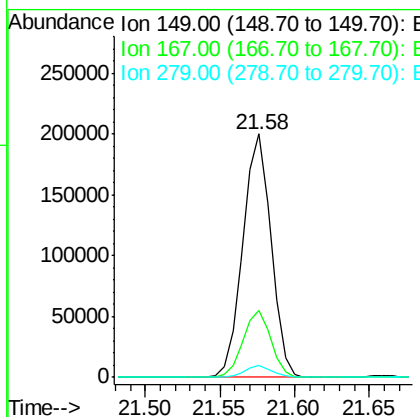
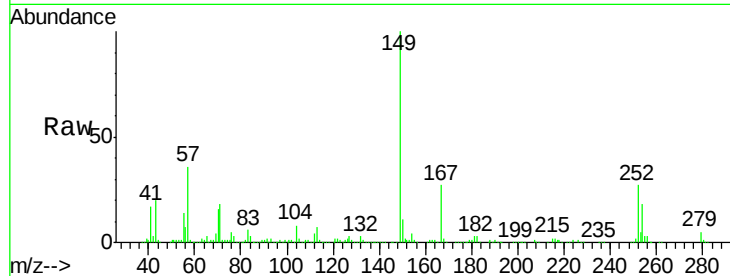
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.16 ng
 RT: 21.58 min Scan# 3189
 Delta R.T. 0.00 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	27.5	22.8	34.2
279	4.8	3.6	5.4

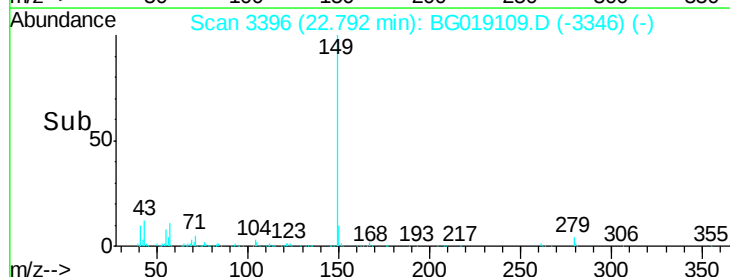
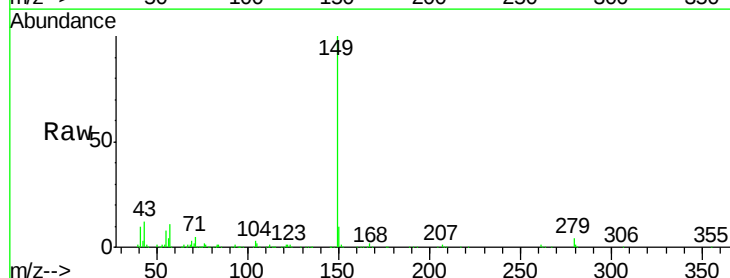
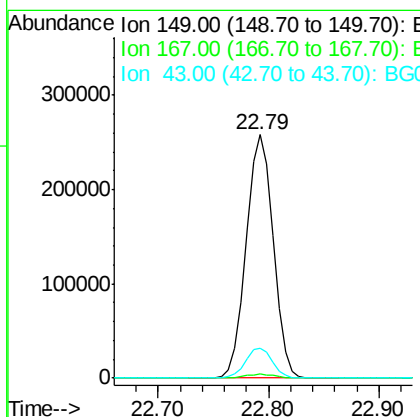
Manual Integrations
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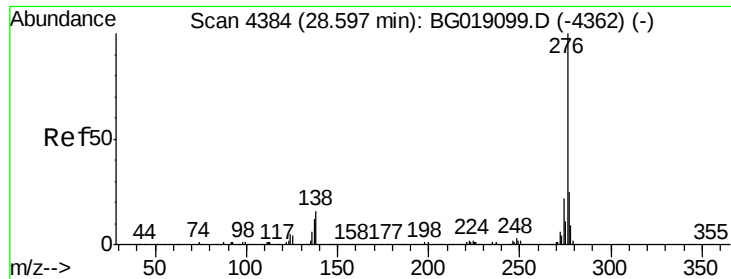
MMdadoda
 10/12/2015 7:00:58 PM



#84
 Di-n-octyl phthalate
 Concen: 39.68 ng
 RT: 22.79 min Scan# 3396
 Delta R.T. -0.01 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.3	1.9
43	12.5	10.1	15.1





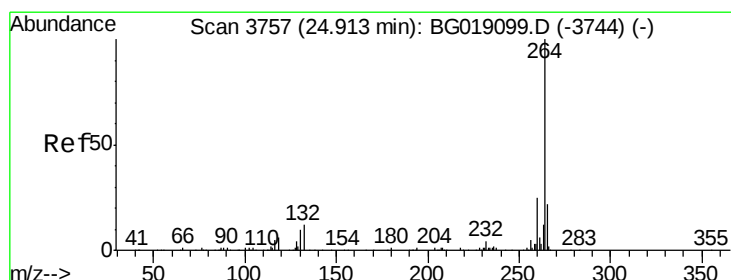
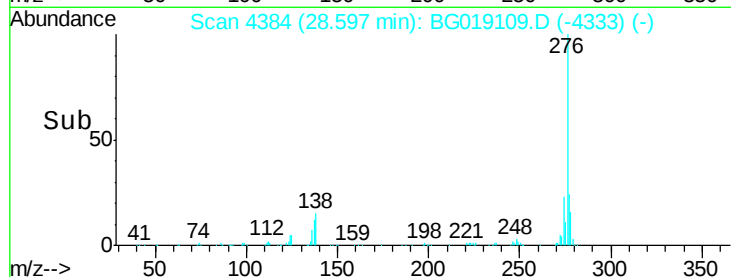
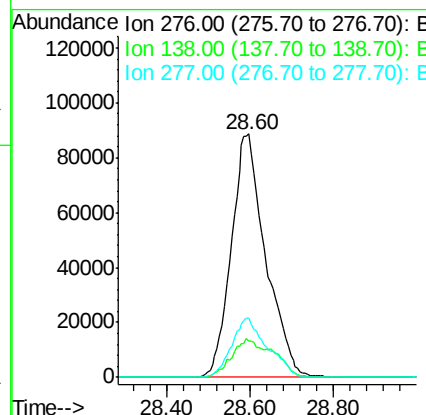
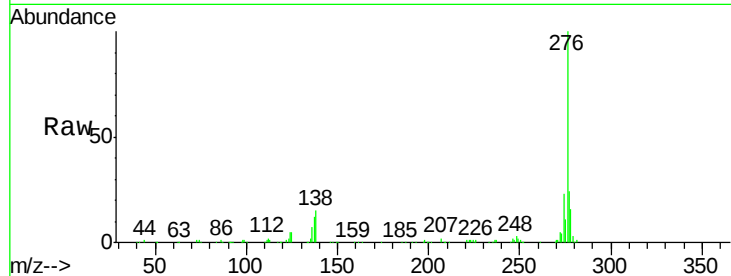
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.96 ng
 RT: 28.60 min Scan# 4384
 Delta R.T. 0.00 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BSD

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	13.0	10.2	15.4
277	25.3	20.2	30.4

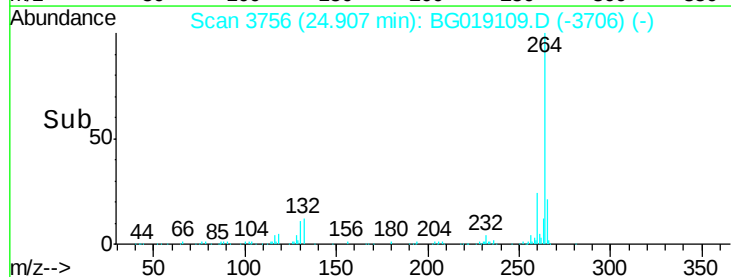
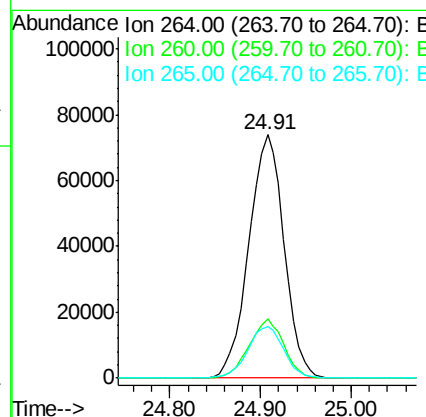
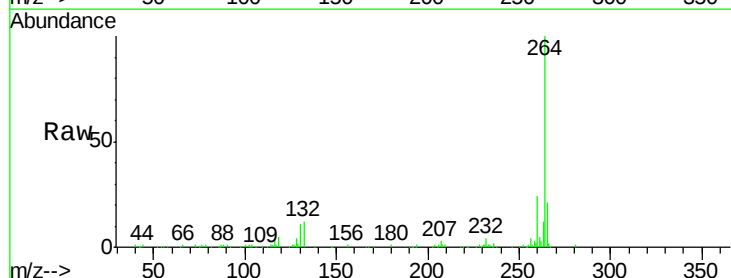
Manual Integrations
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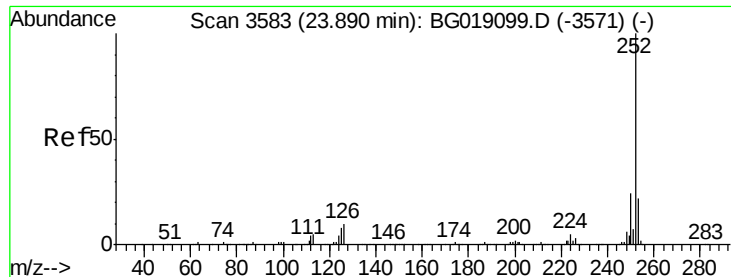
MMdadoda
 10/12/2015 7:00:58 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.91 min Scan# 3756
 Delta R.T. -0.01 min
 Lab File: BG019109.D
 Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.1	20.1	30.1
265	21.2	17.2	25.8





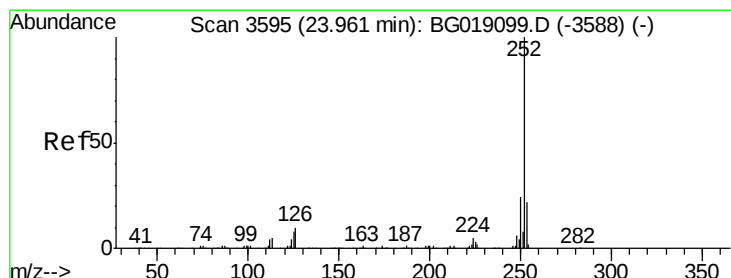
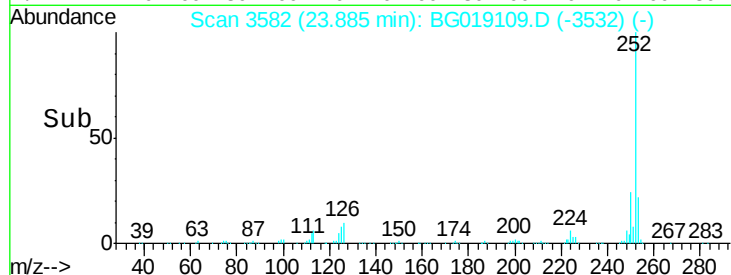
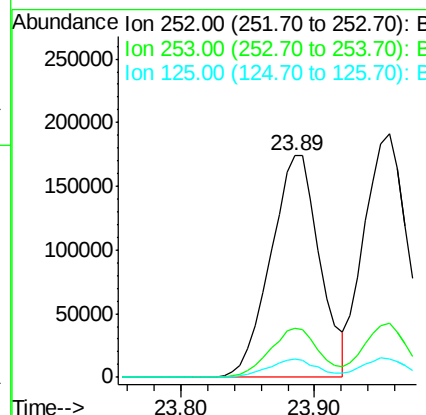
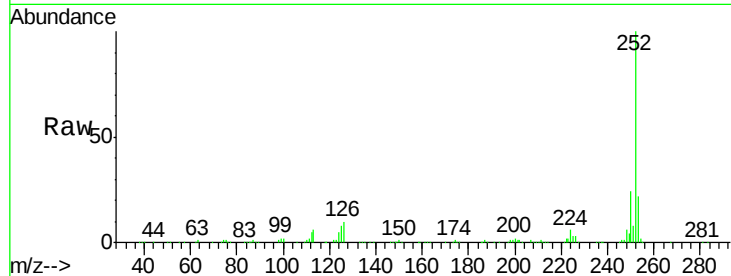
#87
Benzo(b)fluoranthene
Concen: 41.46 ng
RT: 23.89 min Scan# 3582
Delta R.T. -0.01 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Instrument :
BNA_G
ClientSampleId :
PB85979BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	8.4	6.6	9.8

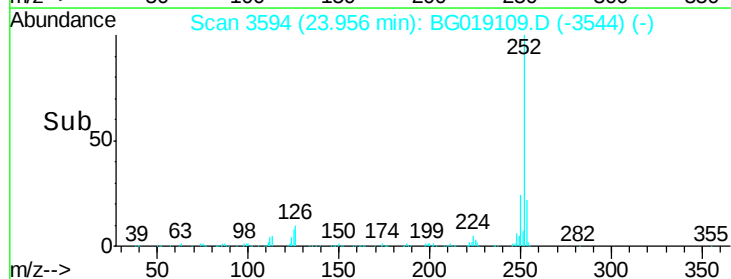
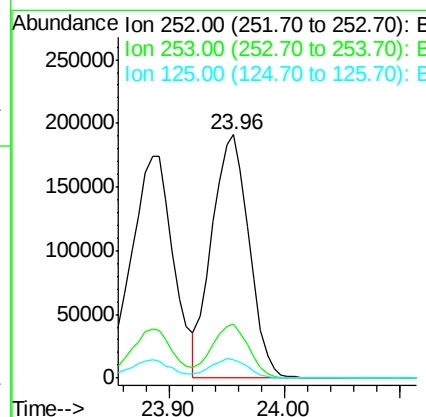
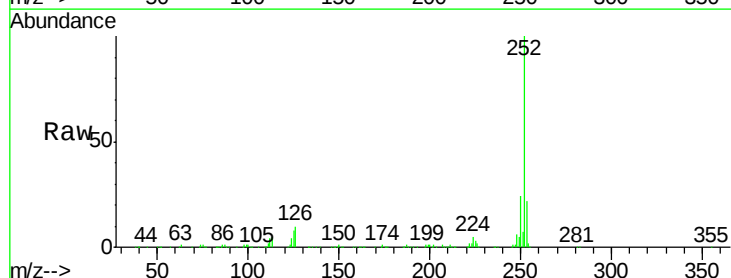
Manual Integrations
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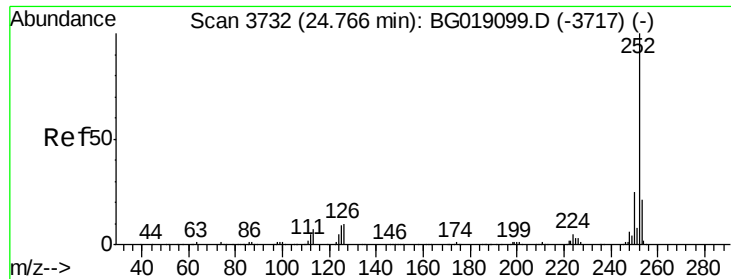
MMdadoda
10/12/2015 7:00:58 PM



#88
Benzo(k)fluoranthene
Concen: 40.17 ng
RT: 23.96 min Scan# 3594
Delta R.T. -0.01 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	7.8	6.4	9.6





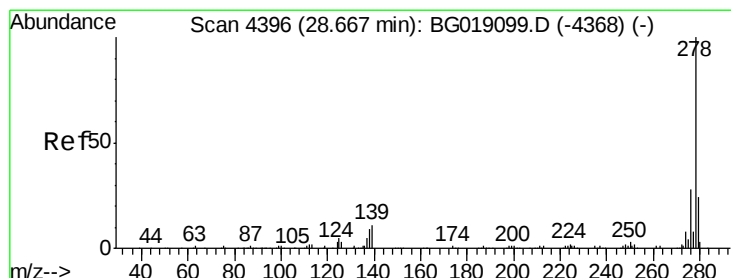
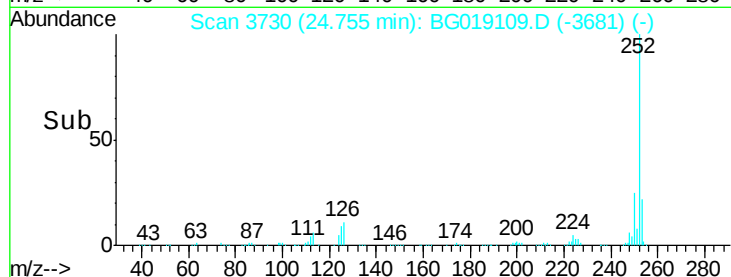
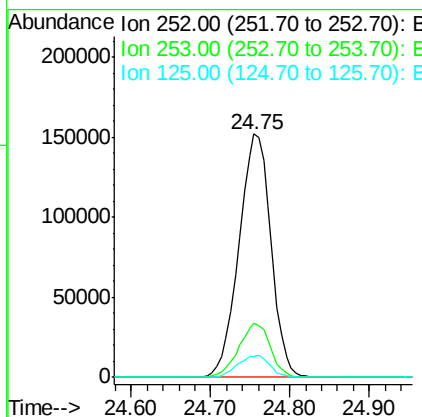
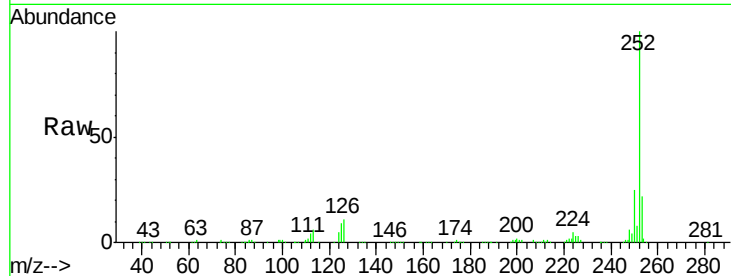
#89
Benzo(a)pyrene
Concen: 41.93 ng
RT: 24.75 min Scan# 3730
Delta R.T. -0.01 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Instrument :
BNA_G
ClientSampleId :
PB85979BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.3	17.0	25.4
125	8.5	7.2	10.8

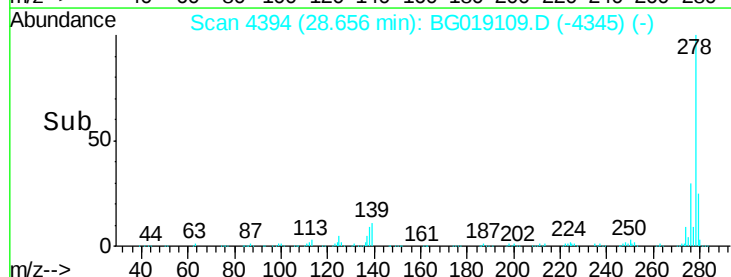
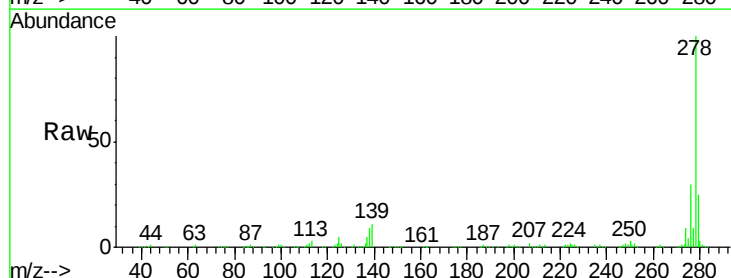
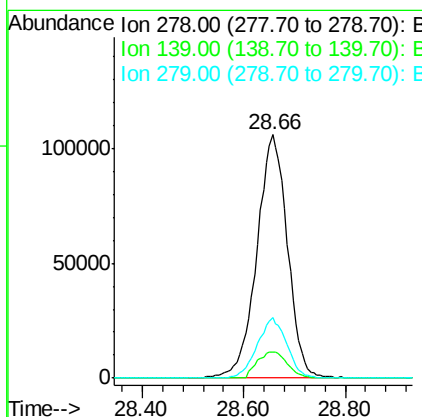
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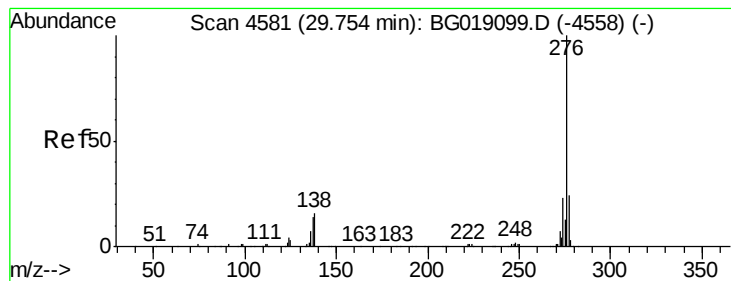
MMdadoda
10/12/2015 7:00:58 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.84 ng
RT: 28.66 min Scan# 4394
Delta R.T. -0.01 min
Lab File: BG019109.D
Acq: 10 Oct 2015 9:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	10.9	8.6	12.8
279	24.7	19.5	29.3





#91

Benzo(g,h,i)perylene

Concen: 41.00 ng

RT: 29.74 min Scan# 4579

Delta R.T. -0.01 min

Lab File: BG019109.D

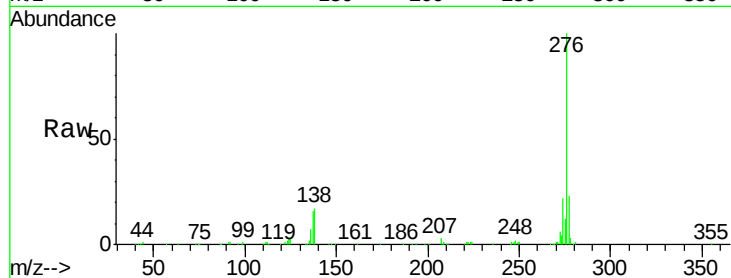
Acq: 10 Oct 2015 9:51

Instrument :

BNA_G

ClientSampleId :

PB85979BSD



Tgt Ion:	276	Resp:	415018
Ion Ratio	Lower	Upper	
276	100		
277	23.0	19.5	29.3
138	17.1	13.0	19.6

Manual Integrations
APPROVED

MMdadoda
10/12/2015 7:00:58 PM

