

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101215\
 Data File : BG019161.D
 Acq On : 12 Oct 2015 14:18
 Operator : UM/NP
 Sample : PB85991BS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:28:32 PM

Quant Time: Oct 13 01:34:16 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	17647	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	77516	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	53984	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	141411	20.00	ng	0.00
75) Chrysene-d12	21.68	240	171336	20.00	ng	0.00
86) Perylene-d12	24.91	264	168071	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	108036	124.65	ng	0.00
7) Phenol-d6	7.20	99	163673	122.93	ng	0.00
23) Nitrobenzene-d5	9.20	82	110544	78.80	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	95924	130.40	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	272480	77.61	ng	0.00
78) Terphenyl-d14	20.02	244	516369	79.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	10447	28.66	ng	97
3) Pyridine	3.90	79	31688	28.43	ng	98
4) n-Nitrosodimethylamine	3.81	42	21810	34.51	ng	97
6) Aniline	7.36	93	34840	19.33	ng	98
8) 2-Chlorophenol	7.60	128	42974	39.51	ng	97
9) Benzaldehyde	7.17	77	15097	18.00	ng	97
10) Phenol	7.23	94	55081	39.73	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	36653	34.99	ng	99
12) 1,3-Dichlorobenzene	7.92	146	42056	35.42	ng	98
13) 1,4-Dichlorobenzene	8.07	146	43272	35.61	ng	96
14) 1,2-Dichlorobenzene	8.39	146	42055	35.77	ng	95
15) Benzyl Alcohol	8.27	79	43492	36.56	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	82697	36.85	ng	97
17) 2-Methylphenol	8.48	107	39239	39.63	ng	98
18) Hexachloroethane	9.12	117	16406	35.43	ng	97
19) n-Nitroso-di-n-propylamine	8.84	70	35383	33.49	ng	98
20) 3+4-Methylphenols	8.80	107	53296	37.37	ng	99
22) Acetophenone	8.85	105	65656	36.22	ng	# 97
24) Nitrobenzene	9.24	77	53681	36.06	ng	97
25) Isophorone	9.76	82	99250	34.78	ng	99
26) 2-Nitrophenol	9.95	139	23095	36.39	ng	95
27) 2,4-Dimethylphenol	10.01	122	42960	38.74	ng	93
28) bis(2-Chloroethoxy)methane	10.24	93	54883	36.04	ng	99
29) 2,4-Dichlorophenol	10.49	162	47171	40.57	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	46262	37.07	ng	94
31) Naphthalene	10.89	128	133538	35.79	ng	99
32) Benzoic acid	10.14	122	28688m	42.68	ng	
33) 4-Chloroaniline	10.99	127	18233	10.52	ng	96
34) Hexachlorobutadiene	11.18	225	32367	37.83	ng	98
35) Caprolactam	11.77	113	16071	37.53	ng	98
36) 4-Chloro-3-methylphenol	12.12	107	58363	39.49	ng	99
37) 2-Methylnaphthalene	12.49	142	105155	36.28	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	58931	37.98	ng	98
40) Hexachlorocyclopentadiene	12.84	237	72575	89.93	ng	98

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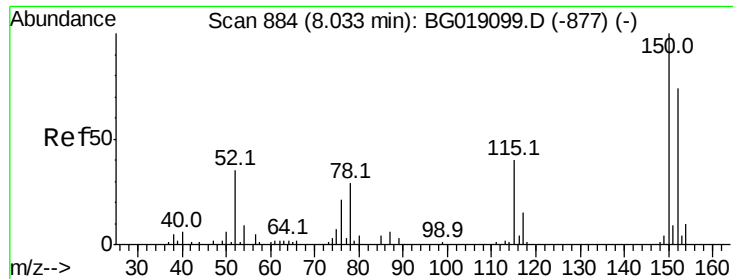
Manual Integrations
 APPROVED

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 10/13/2015 1:28:32 PM

Quant Time: Oct 13 01:34:16 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	41419	38.35	nq	97
43) 2,4,5-Trichlorophenol	13.17	196	46750	40.73	nq	98
45) 1,1'-Biphenyl	13.50	154	142817	36.43	nq	98
46) 2-Chloronaphthalene	13.54	162	112610	37.33	nq	96
47) 2-Nitroaniline	13.74	65	45751	37.77	nq	96
48) Acenaphthylene	14.38	152	195131	36.68	nq	99
49) Dimethylphthalate	14.11	163	156601	36.73	nq	99
50) 2,6-Dinitrotoluene	14.24	165	34238	37.59	nq	96
51) Acenaphthene	14.72	154	116301	36.35	nq	99
52) 3-Nitroaniline	14.57	138	19601	19.50	nq	96
53) 2,4-Dinitrophenol	14.77	184	43090	80.14	nq	90
54) Dibenzofuran	15.06	168	186313	39.41	nq	97
55) 4-Nitrophenol	14.88	139	61513	80.87	nq	91
56) 2,4-Dinitrotoluene	15.02	165	52211	39.43	nq	97
57) Fluorene	15.71	166	157734	38.47	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	44726	41.16	nq	98
59) Diethylphthalate	15.48	149	166590	37.61	nq	98
60) 4-Chlorophenyl-phenylether	15.70	204	79877	38.23	nq	99
61) 4-Nitroaniline	15.73	138	39613	36.27	nq	95
62) Azobenzene	15.99	77	163655	39.85	nq	98
64) 4,6-Dinitro-2-methylphenol	15.78	198	30305	39.25	nq	95
65) n-Nitrosodiphenylamine	15.92	169	141169	36.12	nq	98
66) 4-Bromophenyl-phenylether	16.59	248	56753	39.49	nq	96
67) Hexachlorobenzene	16.72	284	65182	38.62	nq	96
68) Atrazine	16.86	200	61859	38.44	nq	97
69) Pentachlorophenol	17.06	266	77966	88.62	nq	95
70) Phenanthrene	17.45	178	275751	37.89	nq	99
71) Anthracene	17.54	178	283901	39.00	nq	100
72) Carbazole	17.81	167	256034	37.57	nq	99
73) Di-n-butylphthalate	18.37	149	322723	38.67	nq	99
74) Fluoranthene	19.46	202	355247	37.94	nq	99
76) Benzidine	19.64	184	131144	29.83	nq	99
77) Pyrene	19.82	202	359389	37.46	nq	98
79) Butylbenzylphthalate	20.71	149	143277	36.65	nq	97
80) Benzo(a)anthracene	21.66	228	344234	37.48	nq	99
81) 3,3'-Dichlorobenzidine	21.57	252	64912	19.11	nq	93
82) Chrysene	21.73	228	308951	35.44	nq	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	205212	37.79	nq	97
84) Di-n-octyl phthalate	22.79	149	354107	37.75	nq	99
85) Indeno(1,2,3-cd)pyrene	28.58	276	396944	37.42	nq	100
87) Benzo(b)fluoranthene	23.88	252	351910	38.94	nq	99
88) Benzo(k)fluoranthene	23.95	252	336013	37.66	nq	98
89) Benzo(a)pyrene	24.76	252	335549	39.31	nq	99
90) Dibenzo(a,h)anthracene	28.66	278	344009	37.53	nq	98
91) Benzo(g,h,i)perylene	29.75	276	323872	37.99	nq	97

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



#1

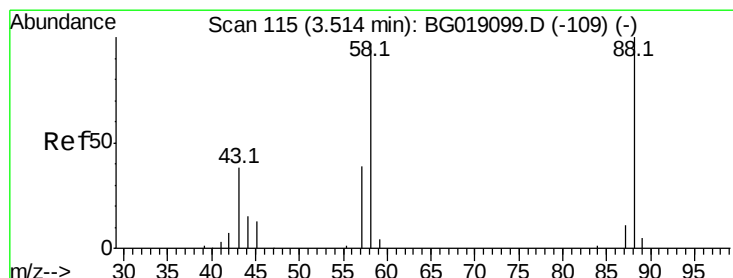
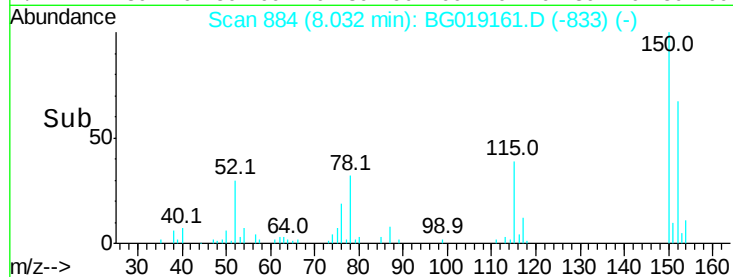
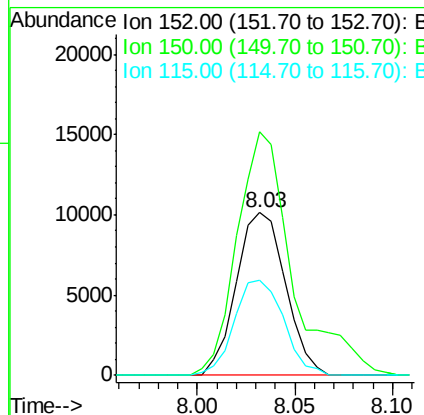
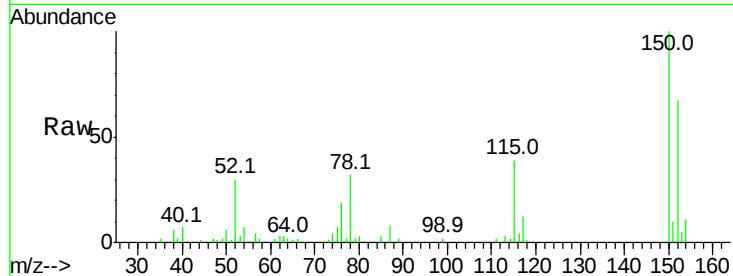
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Instrument :
BNA_G
ClientSampleId :
PB85991BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	108.2	162.2
115	58.8	43.2	64.8

Manual Integrations
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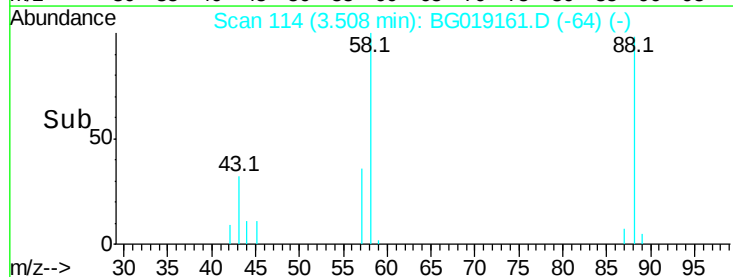
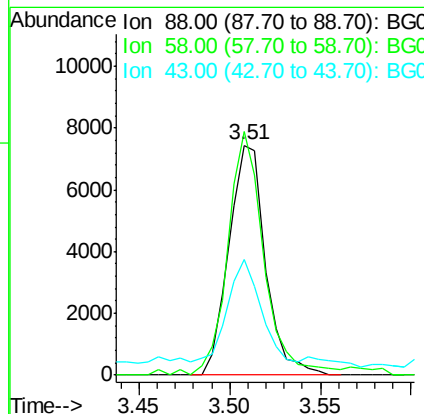
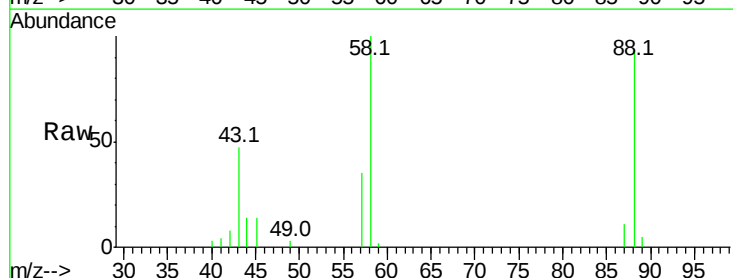
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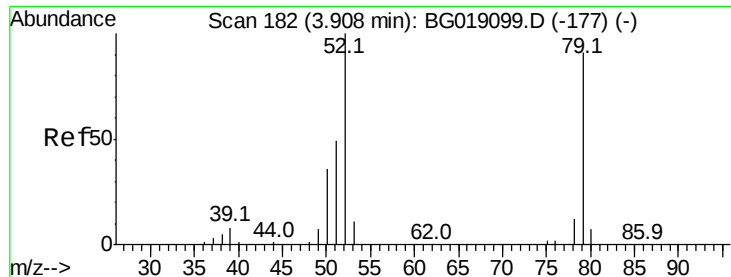


#2

1,4-Dioxane
Concen: 28.66 ng
RT: 3.51 min Scan# 114
Delta R.T. -0.01 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	105.0	81.1	121.7
43	40.2	31.0	46.6





#3

Pvridine

Concen: 28.43 ng

RT: 3.90 min Scan# 181

Delta R.T. -0.01 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Instrument :

BNA_G

ClientSampleId :

PB85991BS

Tot Ion: 79 Resp: 31688

Ion Ratio Lower Upper

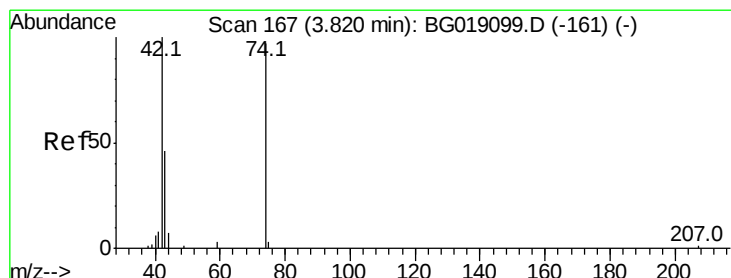
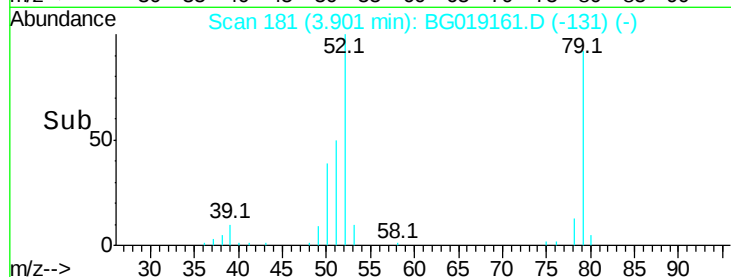
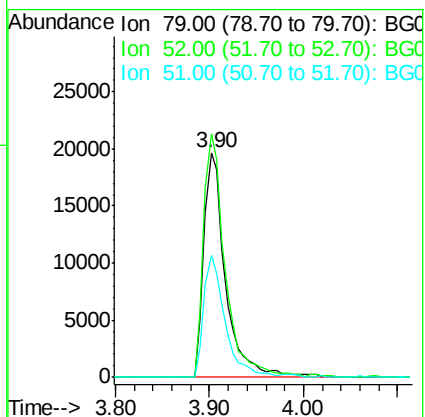
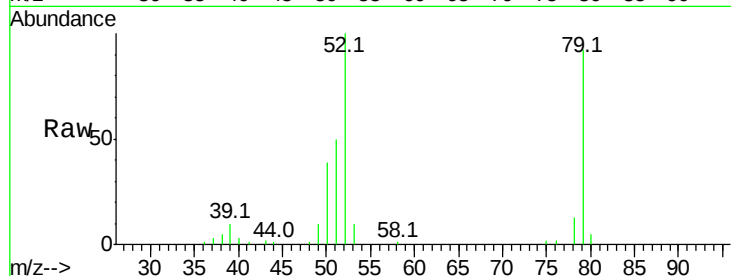
79 100

52 108.2 88.3 132.5

51 54.2 44.6 66.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.51 ng

RT: 3.81 min Scan# 166

Delta R.T. -0.01 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

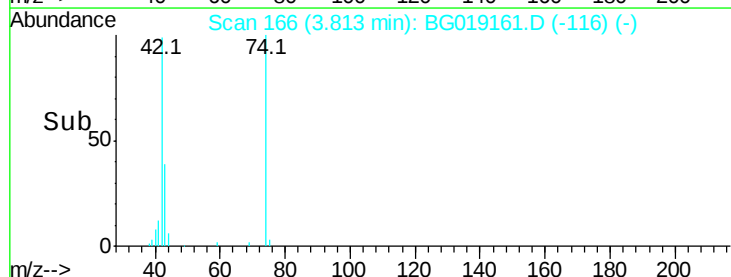
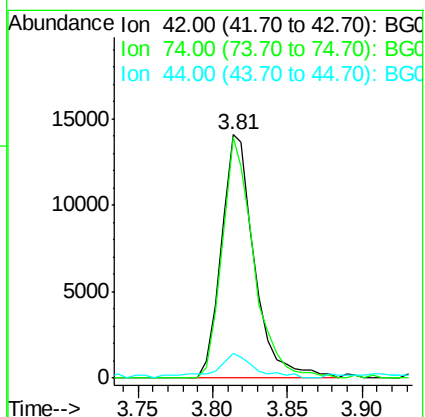
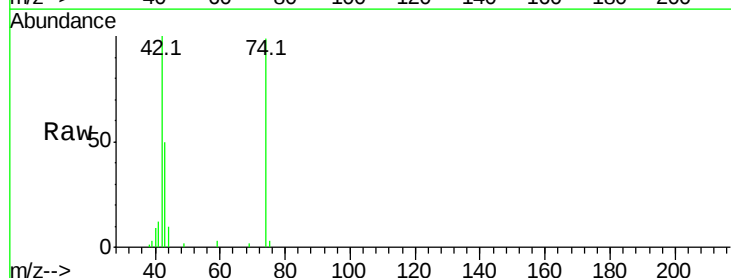
Tgt Ion: 42 Resp: 21810

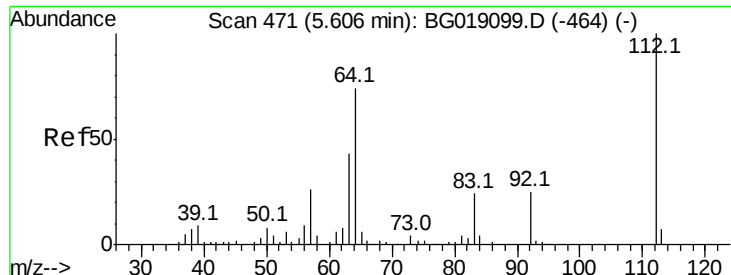
Ion Ratio Lower Upper

42 100

74 99.2 77.3 115.9

44 10.3 7.2 10.8





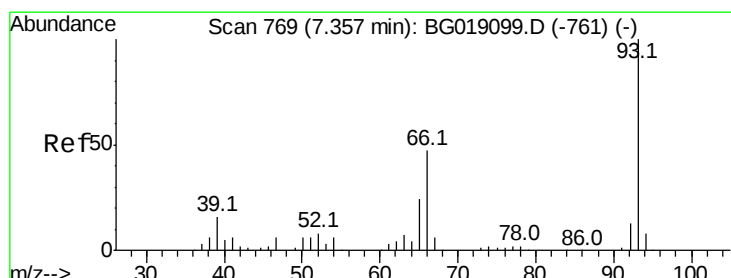
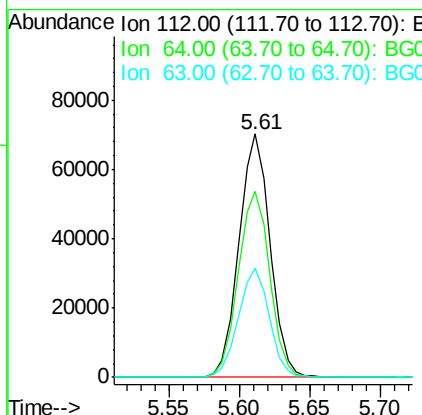
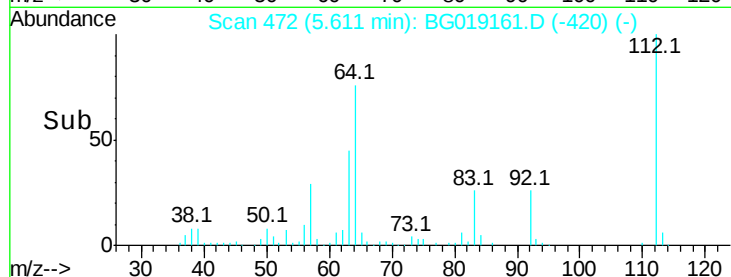
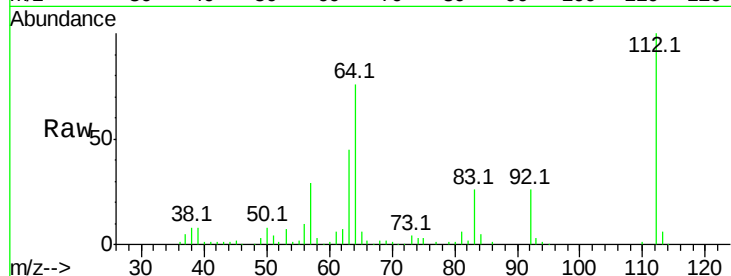
#5
 2-Fluorophenol
 Concen: 124.65 ng
 RT: 5.61 min Scan# 472
 Delta R.T. 0.01 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

Tot Ion:	112	Resp:	108036
Ion Ratio	Lower	Upper	
112	100		
64	76.2	59.0	88.4
63	44.8	34.7	52.1

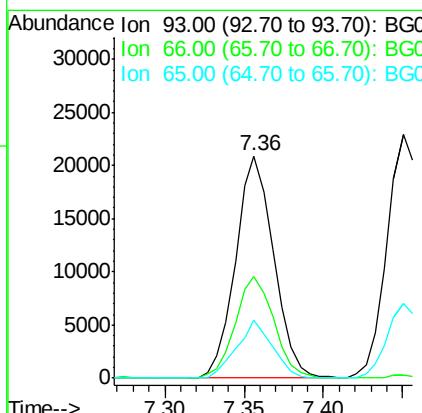
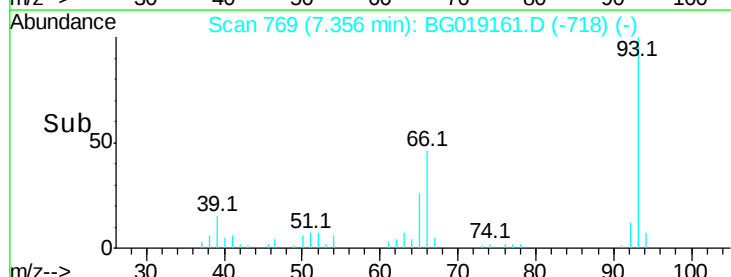
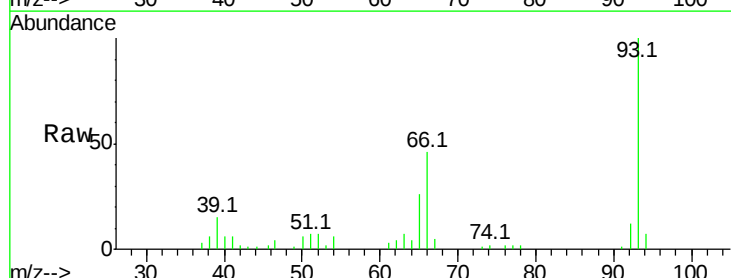
Manual Integrations
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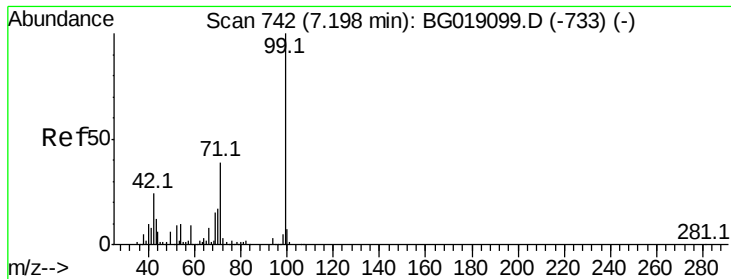
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#6
 Aniline
 Concen: 19.33 ng
 RT: 7.36 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Tgt Ion:	93	Resp:	34840
Ion Ratio	Lower	Upper	
93	100		
66	45.7	37.4	56.2
65	26.4	19.6	29.4





#7

Phenol-d6

Concen: 122.93 ng

RT: 7.20 min Scan# 743

Delta R.T. 0.01 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Instrument :

BNA_G

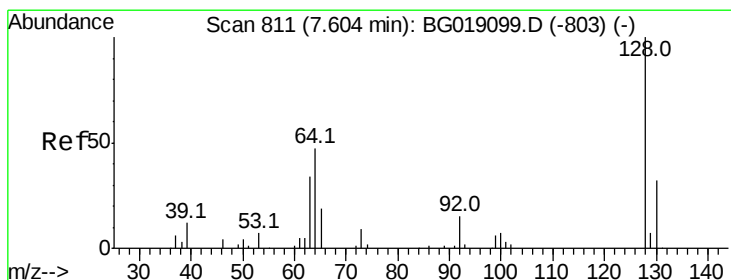
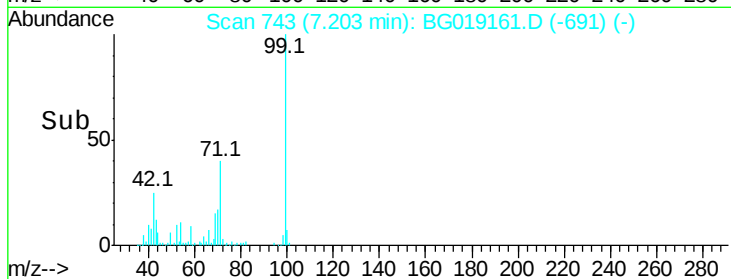
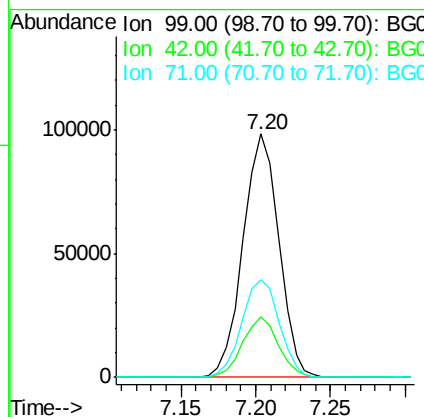
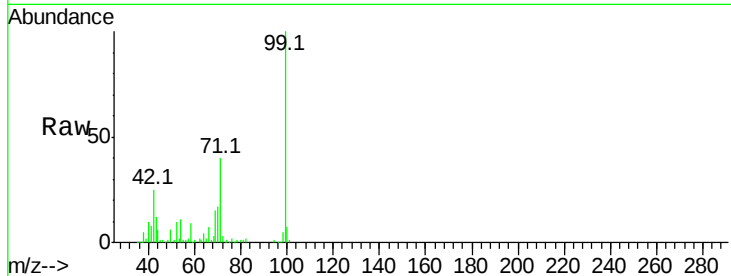
ClientSampleId :

PB85991BS

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APPROVED

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10/13/2015 1:28:32 PM

Tot Ion	99	Resp	163673
Ion Ratio	Lower	Upper	
99	100		
42	24.9	19.5	29.3
71	40.3	31.4	47.0



#8

2-Chlorophenol

Concen: 39.51 ng

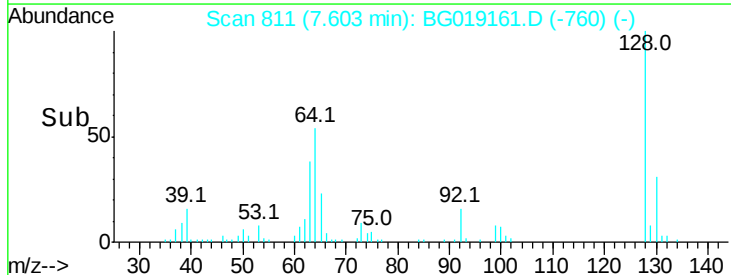
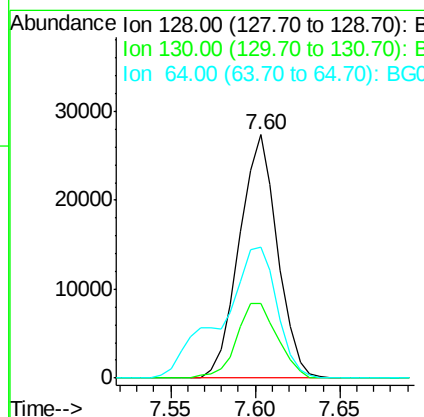
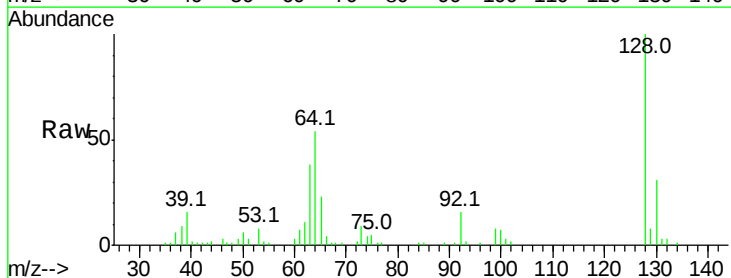
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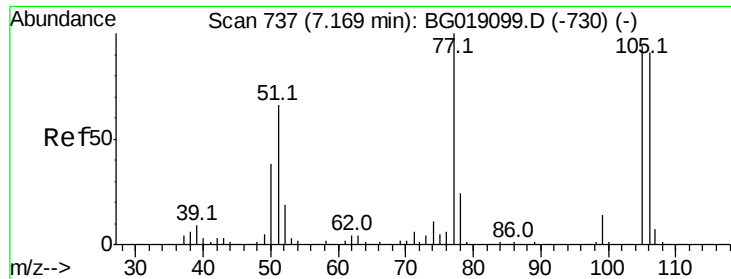
Delta R.T. -0.00 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Tgt Ion	128	Resp	42974
Ion Ratio	Lower	Upper	
128	100		
130	30.5	12.3	52.3
64	53.7	35.8	75.8





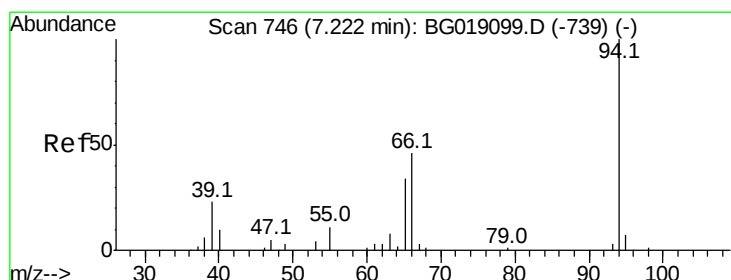
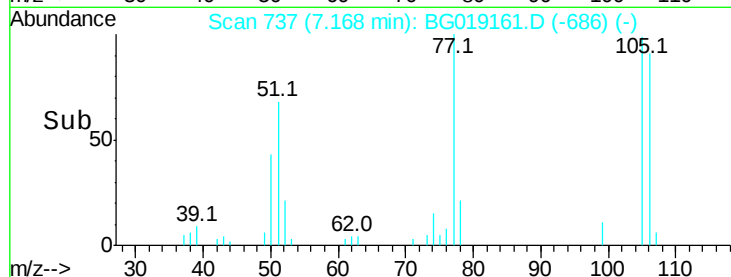
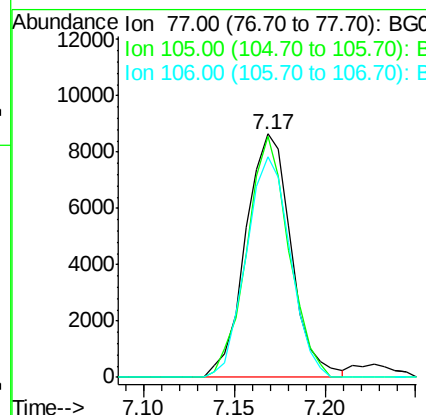
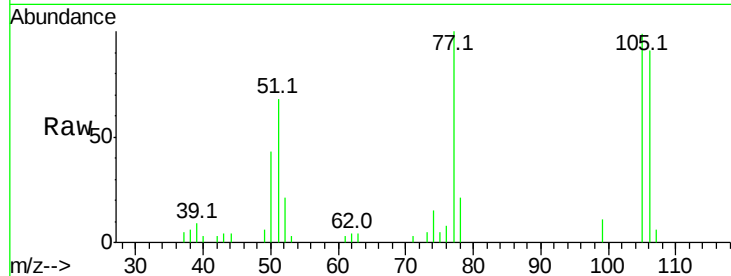
#9
Benzaldehyde
Concen: 18.00 ng
RT: 7.17 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Instrument :
BNA_G
ClientSampleId :
PB85991BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.8	73.7	113.7
106	90.7	71.0	111.0

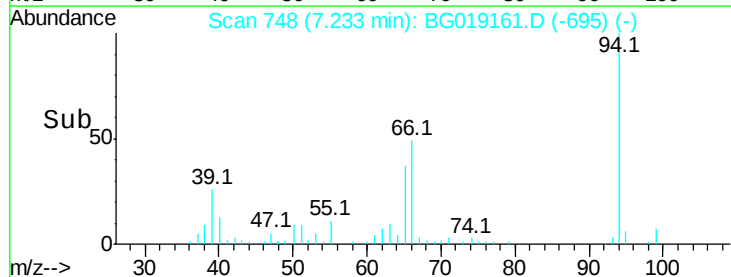
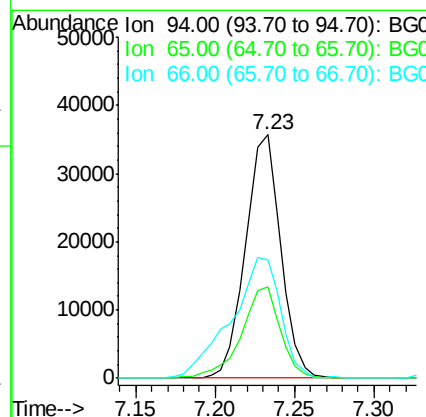
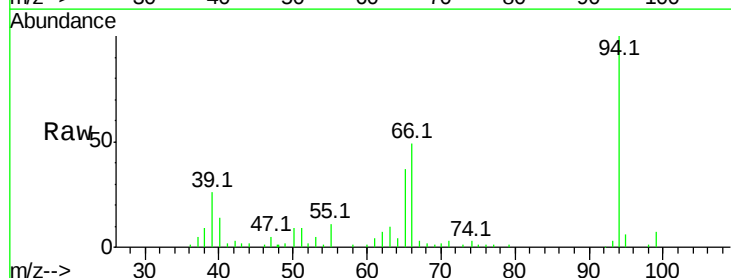
Manual Integrations
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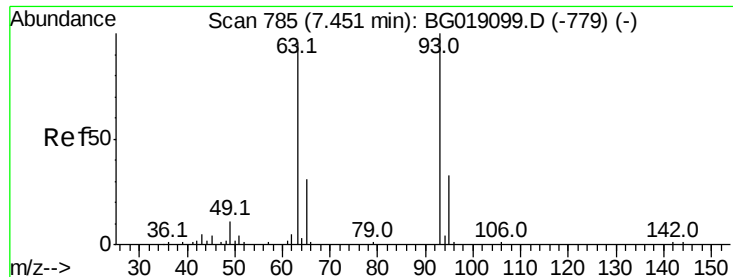
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#10
Phenol
Concen: 39.73 ng
RT: 7.23 min Scan# 748
Delta R.T. 0.01 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.4	15.2	55.2
66	48.7	28.7	68.7





#11

bis(2-Chloroethyl)ether

Concen: 34.99 ng

RT: 7.45 min Scan# 785

Delta R.T. -0.00 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Instrument :

BNA_G

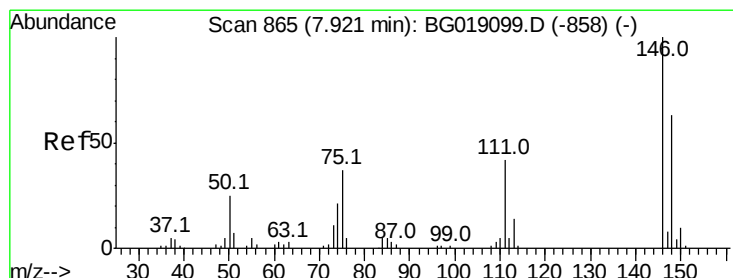
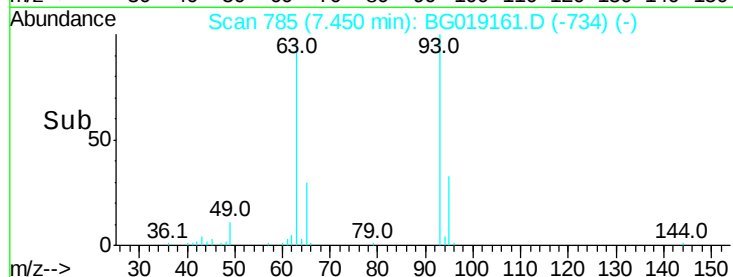
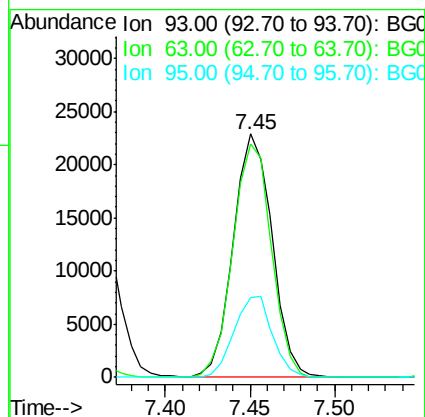
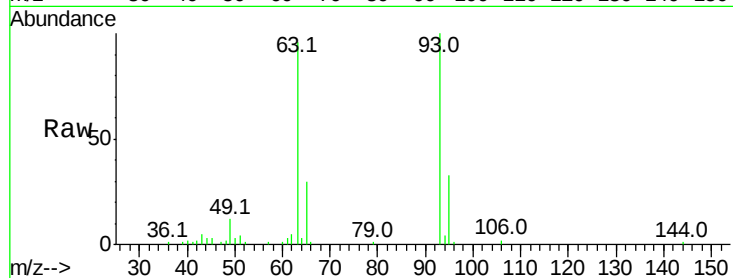
ClientSampleId :

PB85991BS

Tot Ion:	93	Resp:	36653
Ion	Ratio	Lower	Upper
93	100		
63	96.0	75.3	115.3
95	32.9	12.9	52.9

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#12

1,3-Dichlorobenzene

Concen: 35.42 ng

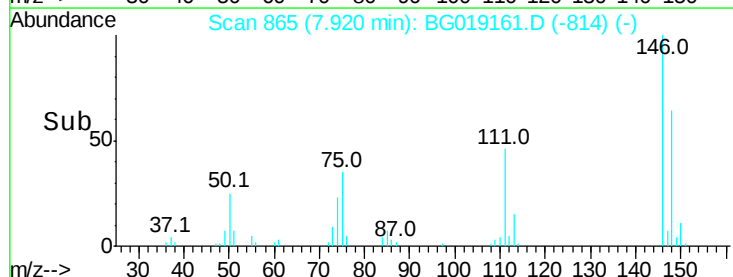
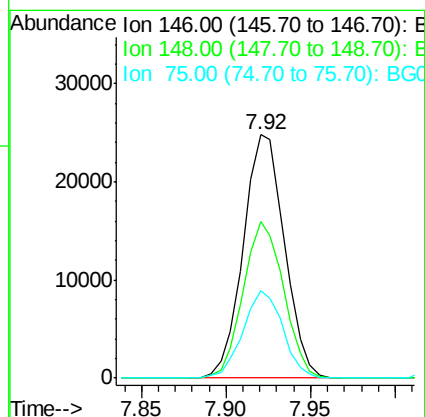
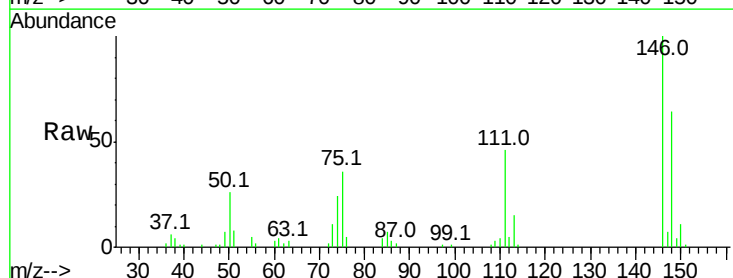
RT: 7.92 min Scan# 865

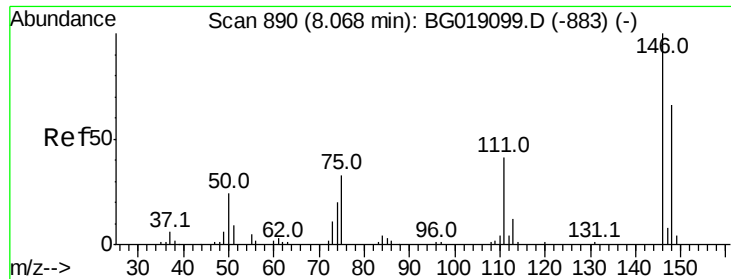
Delta R.T. -0.00 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Tgt Ion:	146	Resp:	42056
Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.2	75.4
75	36.0	29.3	43.9





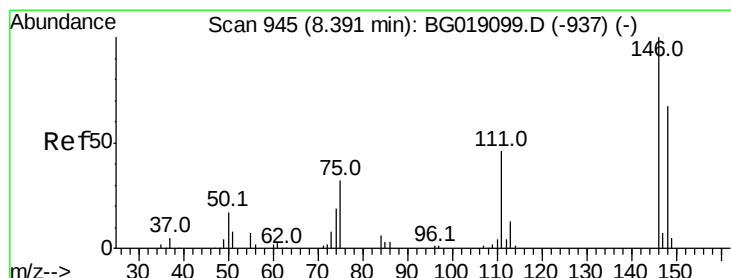
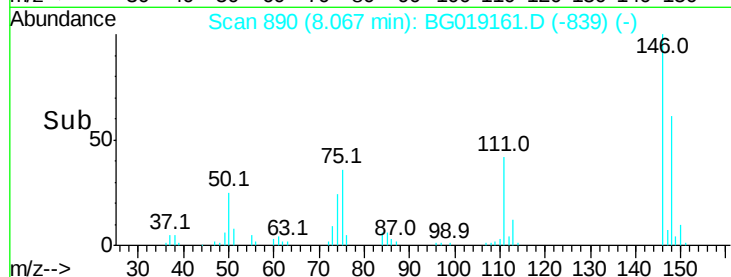
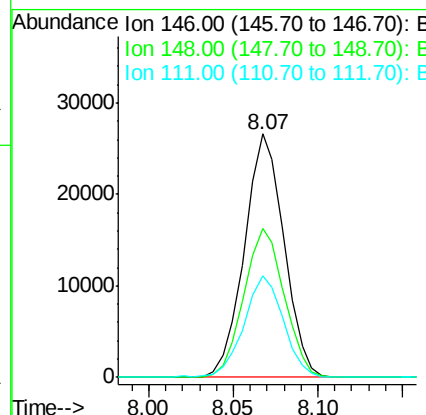
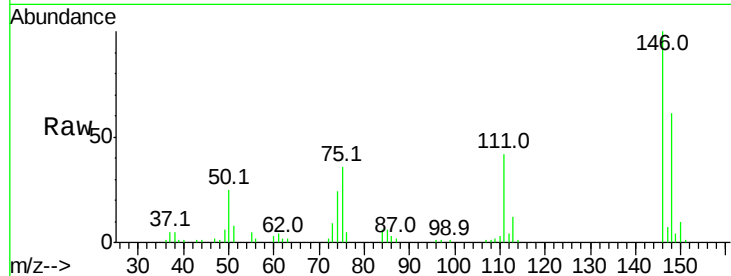
#13
 1,4-Dichlorobenzene
 Concen: 35.61 ng
 RT: 8.07 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.0	52.9	79.3
111	41.9	33.1	49.7

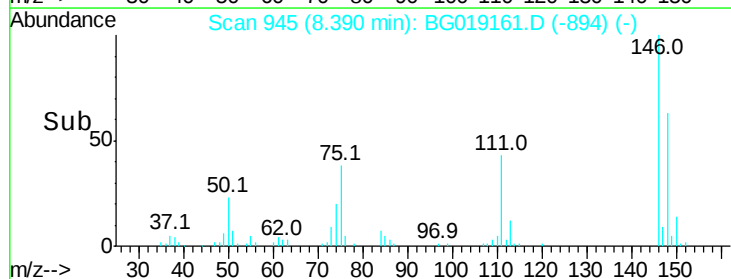
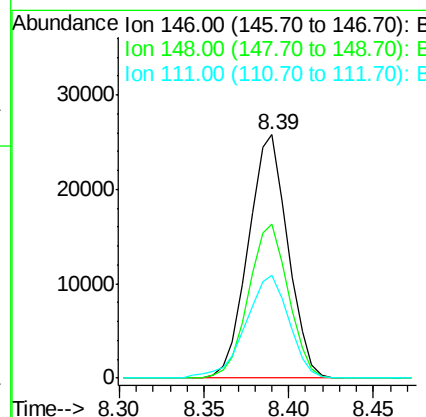
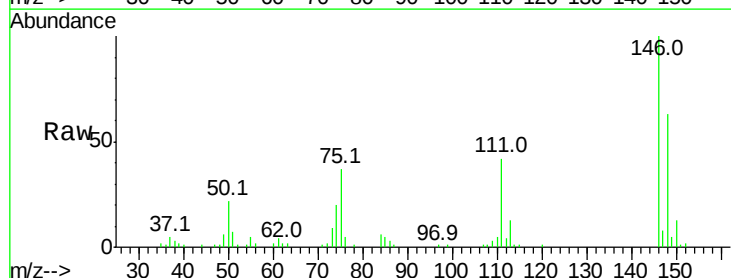
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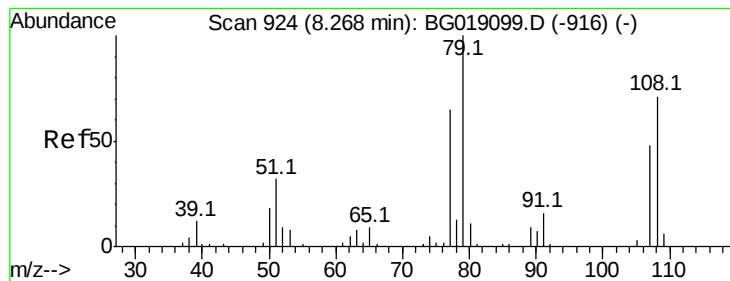
MMdadoda
 10/13/2015 1:28:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.77 ng
 RT: 8.39 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	53.6	80.4
111	42.4	37.3	55.9





#15

Benzyl Alcohol

Concen: 36.56 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Instrument :

BNA_G

ClientSampleId :

PB85991BS

Tot Ion: 79 Resp: 43492

Ion Ratio Lower Upper

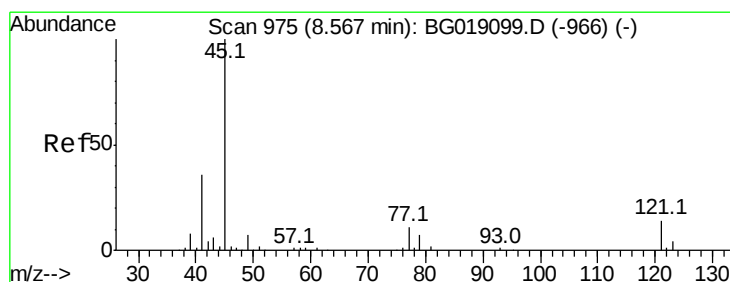
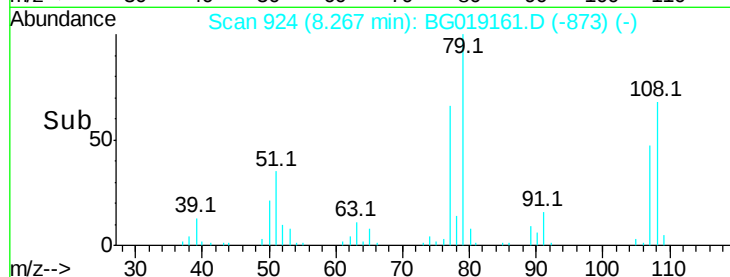
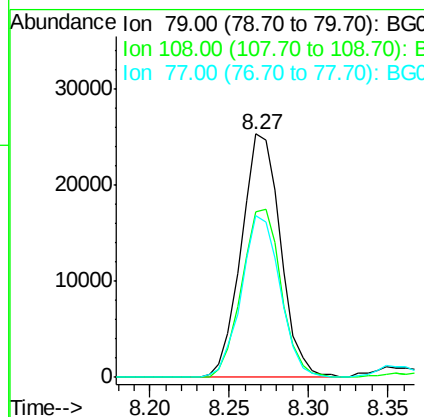
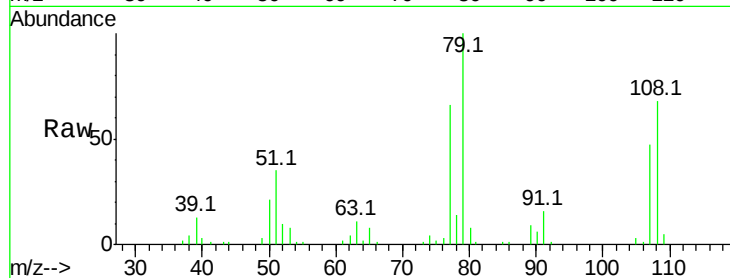
79 100

108 68.0 56.6 84.8

77 66.2 51.6 77.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.85 ng

RT: 8.57 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

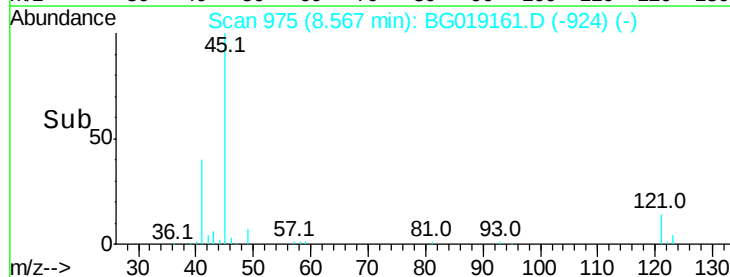
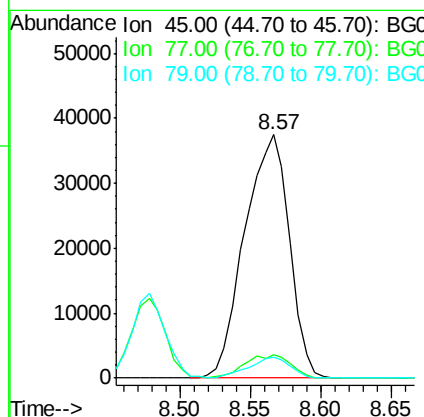
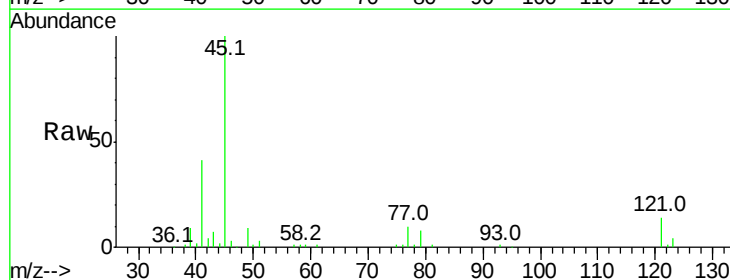
Tgt Ion: 45 Resp: 82697

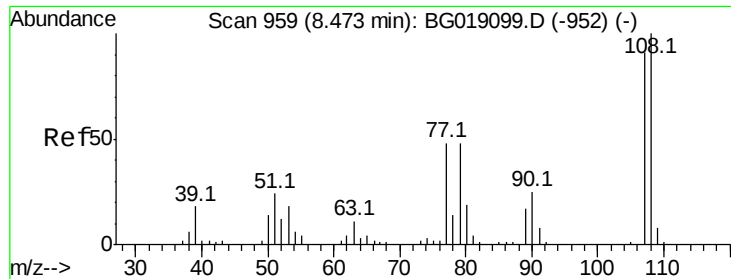
Ion Ratio Lower Upper

45 100

77 9.8 0.0 30.8

79 8.4 0.0 27.5





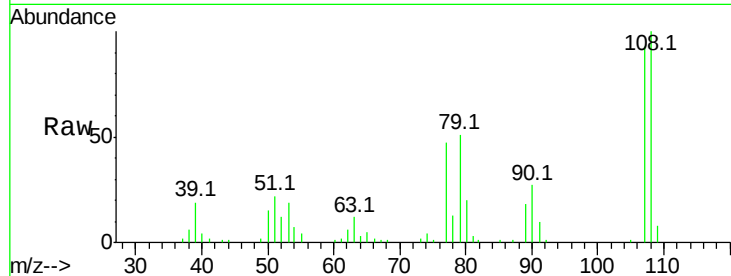
#17
2-Methylphenol
Concen: 39.63 ng
RT: 8.48 min Scan# 960
Delta R.T. 0.01 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Instrument :
BNA_G
ClientSampleId :
PB85991BS

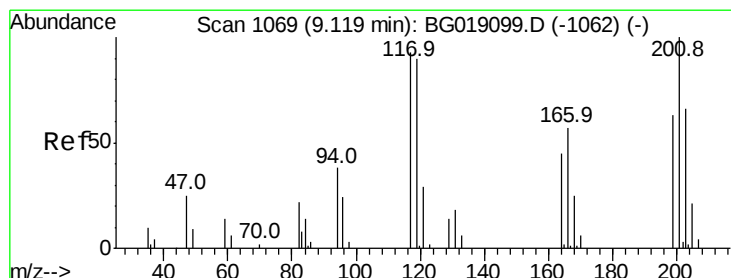
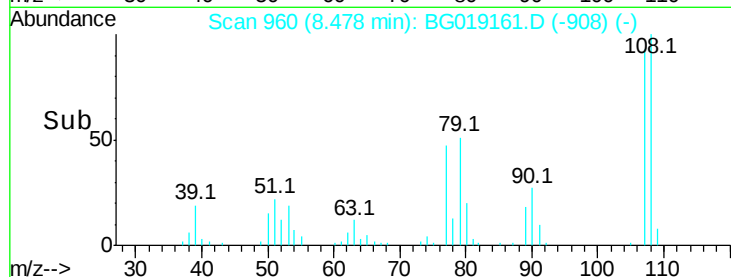
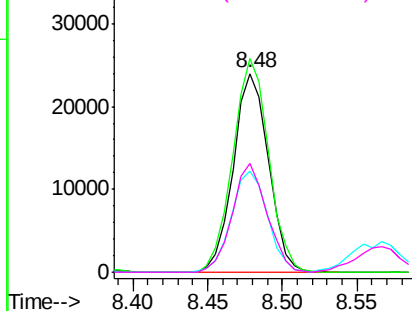
Tot Ion:	107	Resp:	39239
Ion Ratio	Lower	Upper	
107	100		
108	107.3	87.7	131.5
77	50.9	42.2	63.2
79	54.7	42.1	63.1

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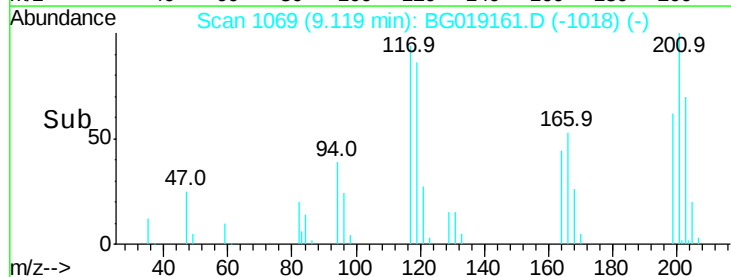
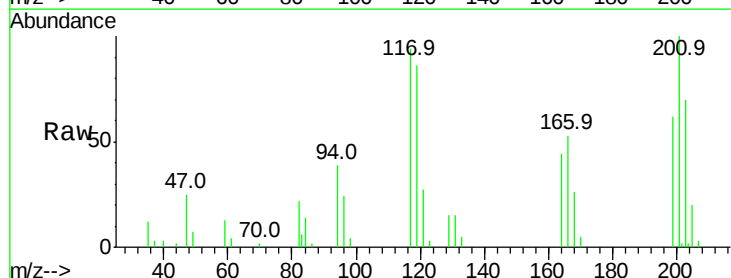
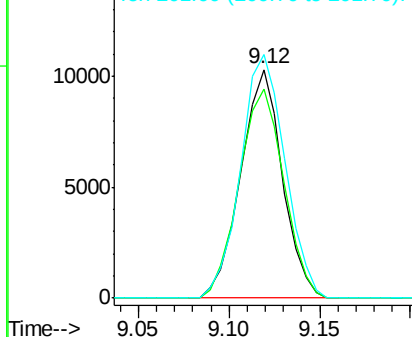
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

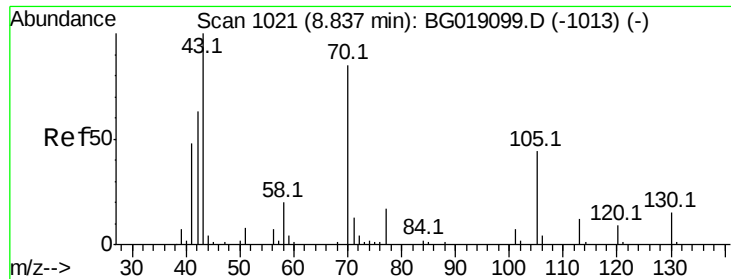


#18
Hexachloroethane
Concen: 35.43 ng
RT: 9.12 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Tgt Ion:	117	Resp:	16406
Ion Ratio	Lower	Upper	
117	100		
119	91.4	77.0	115.4
201	108.8	85.6	128.4

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





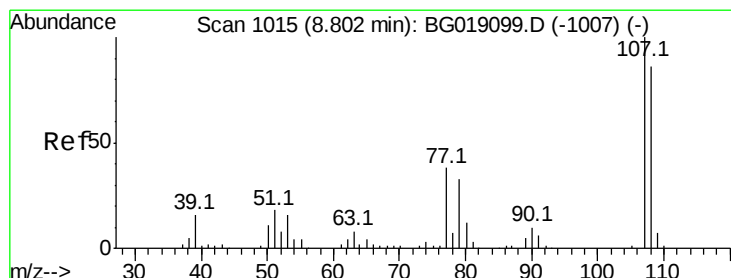
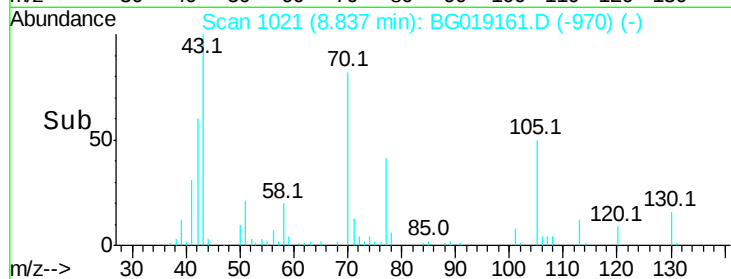
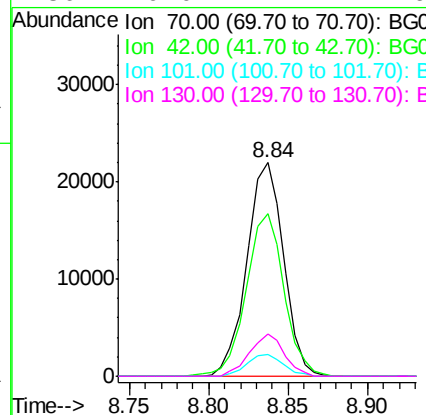
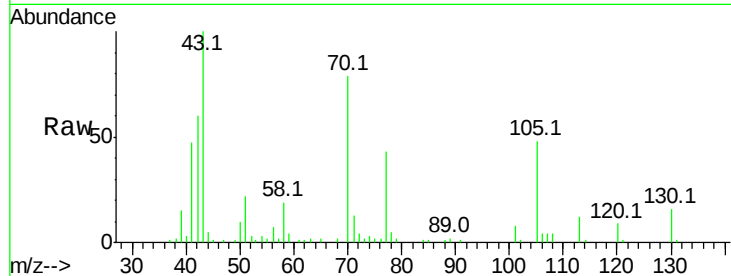
#19
n-Nitroso-di-n-propylamine
Concen: 33.49 ng
RT: 8.84 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Instrument :
BNA_G
ClientSampleId :
PB85991BS

Tot Ion:	70	Resp:	35383
Ion Ratio	Lower	Upper	
70	100		
42	76.0	59.8	89.8
101	10.4	7.0	10.4
130	20.0	14.4	21.6

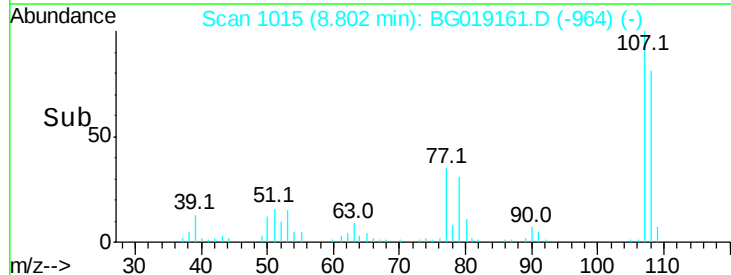
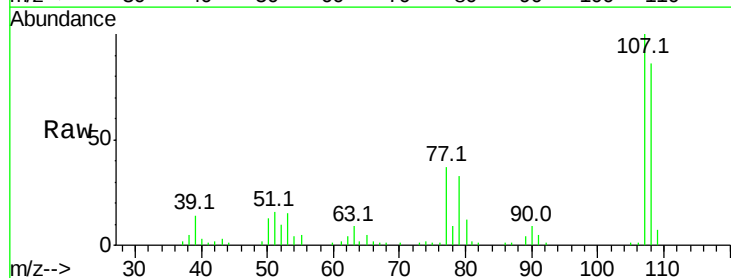
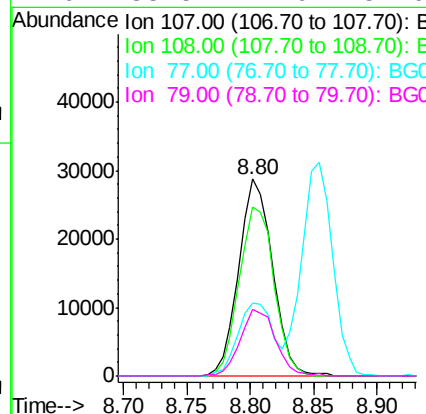
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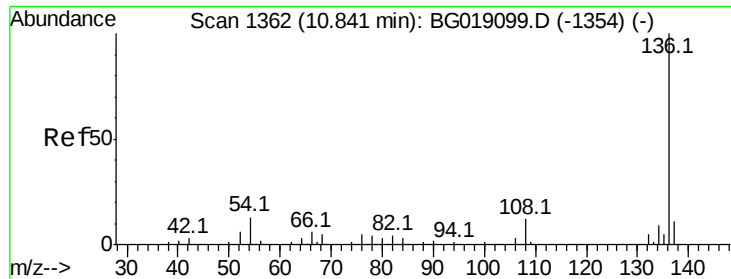
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#20
3+4-Methylphenols
Concen: 37.37 ng
RT: 8.80 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Tgt Ion:	107	Resp:	53296
Ion Ratio	Lower	Upper	
107	100		
108	86.0	66.2	106.2
77	37.2	17.8	57.8
79	33.5	12.9	52.9





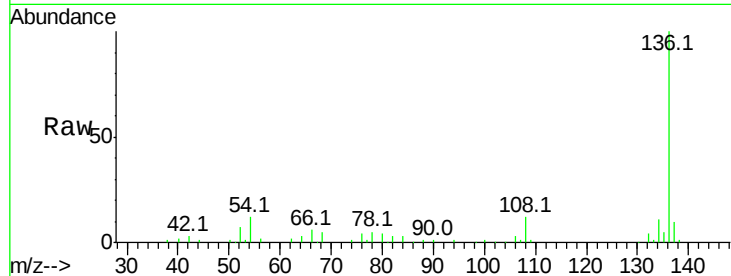
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Instrument :
BNA_G
ClientSampleId :
PB85991BS

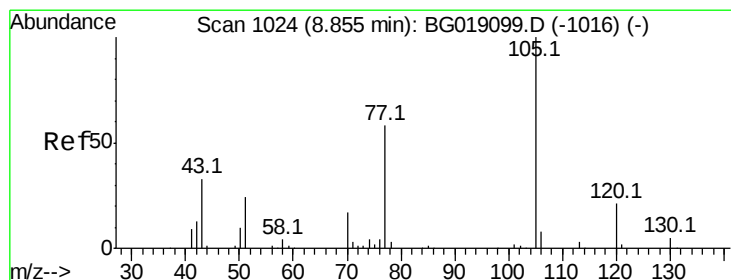
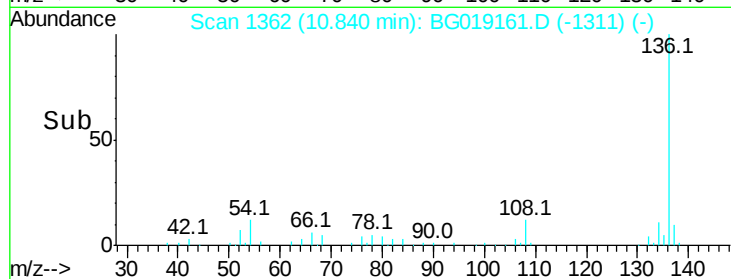
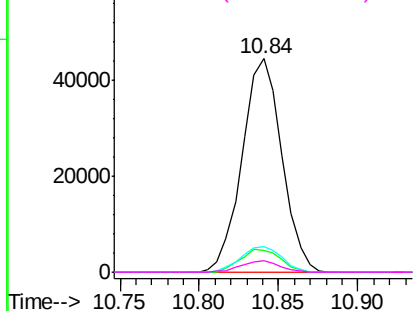
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	9.0	13.4	
54	12.1	10.1	15.1	
68	5.2	4.4	6.6	

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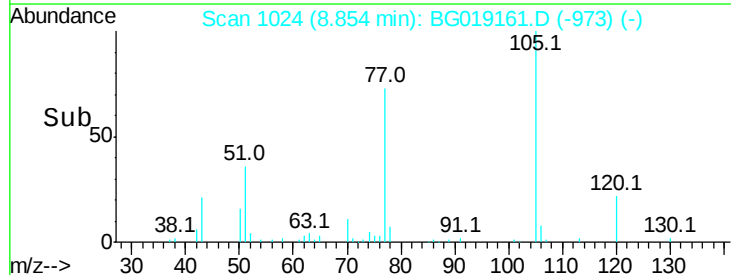
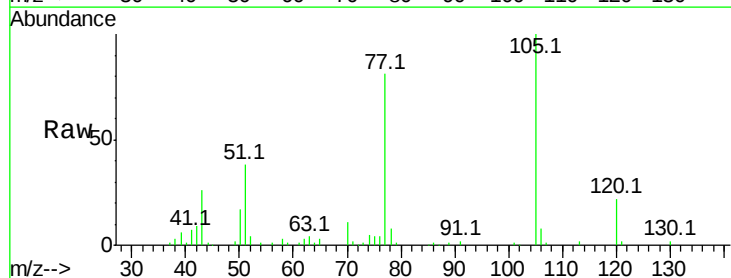
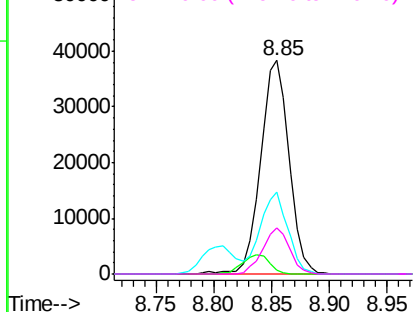
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

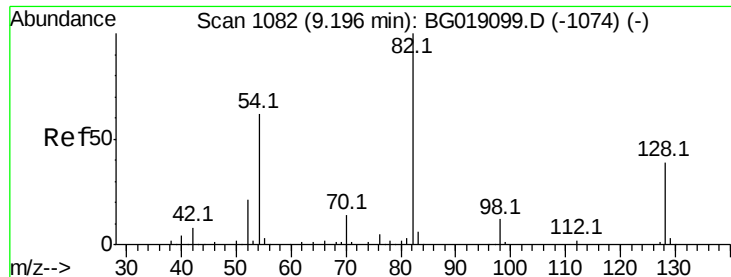


#22
Acetophenone
Concen: 36.22 ng
RT: 8.85 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.9	2.2	3.2#	
51	38.1	29.2	43.8	
120	21.7	16.6	24.8	

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





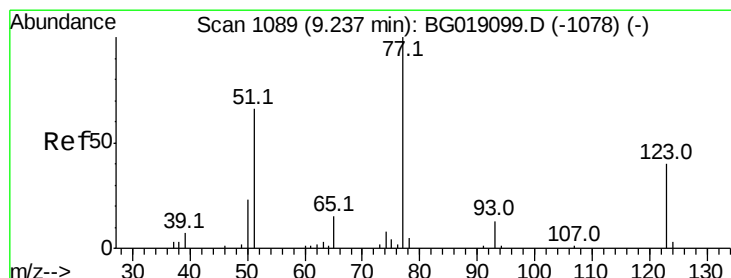
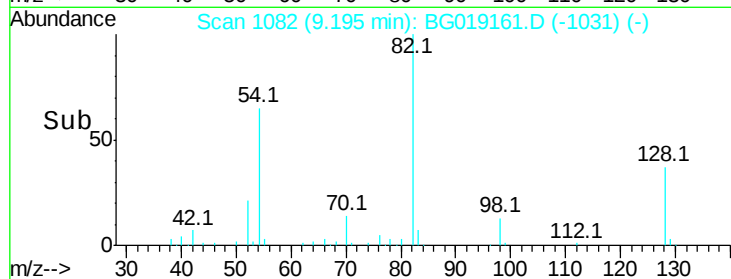
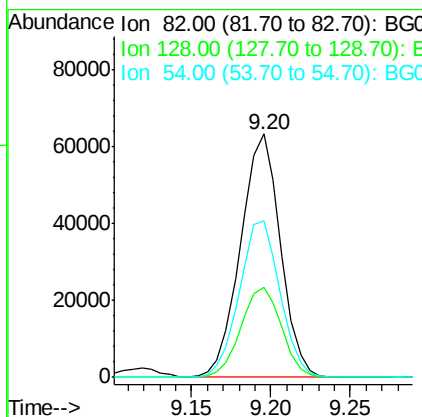
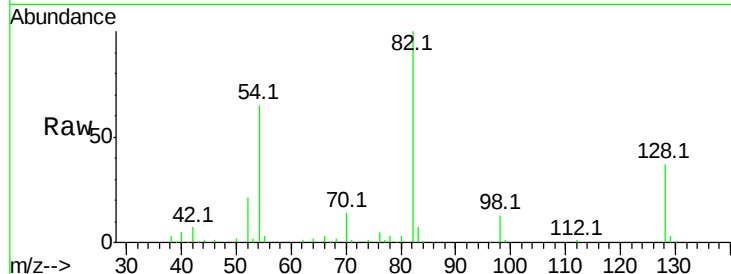
#23
Nitrobenzene-d5
Concen: 78.80 ng
RT: 9.20 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Instrument :
BNA_G
ClientSampleId :
PB85991BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.7	31.4	47.2
54	64.6	50.0	75.0

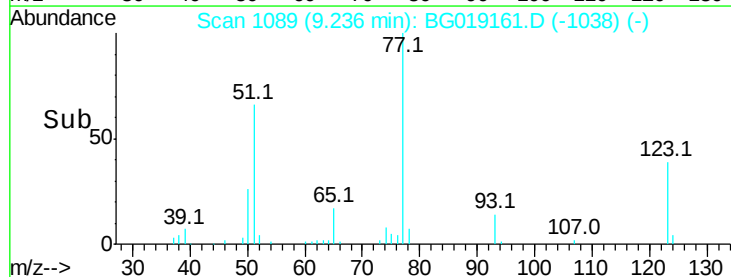
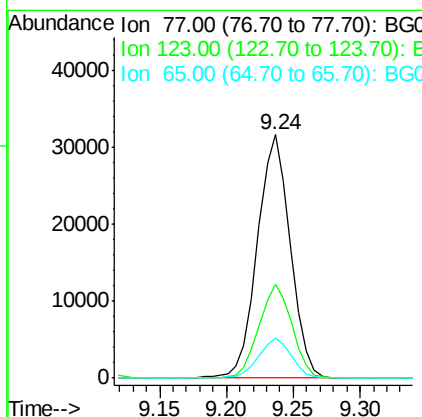
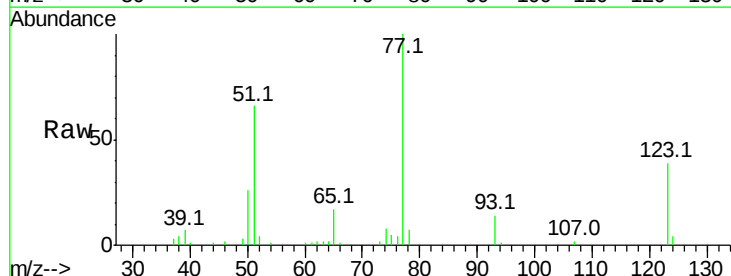
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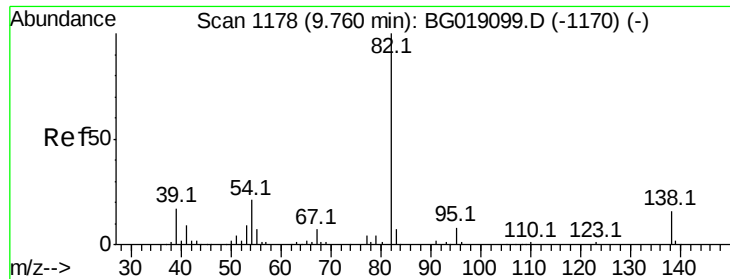
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#24
Nitrobenzene
Concen: 36.06 ng
RT: 9.24 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.6	31.8	47.6
65	16.6	11.8	17.6





#25

Isophorone

Concen: 34.78 ng

RT: 9.76 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Instrument :

BNA_G

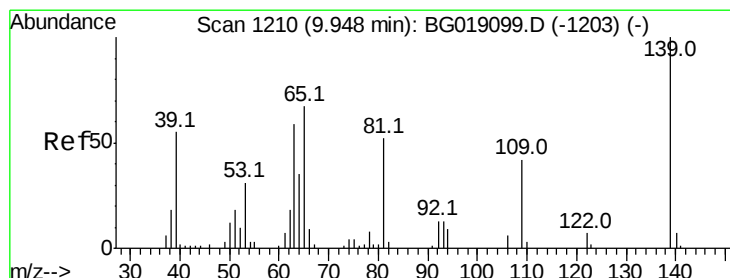
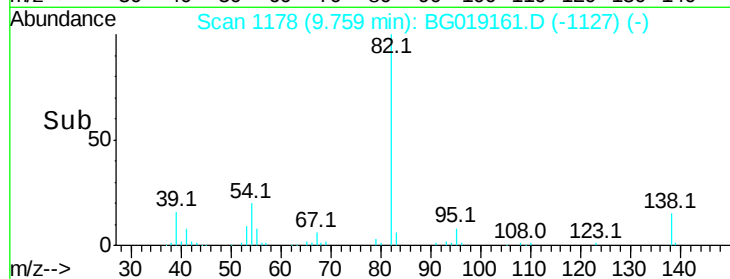
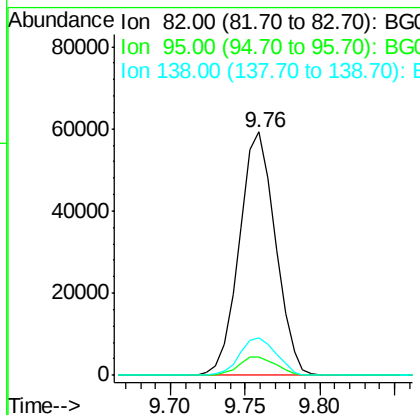
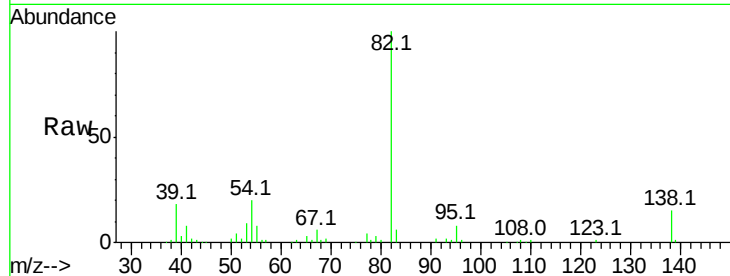
ClientSampleId :

PB85991BS

Tot Ion:	82	Resp:	99250
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.7	10.1
138	15.4	12.6	19.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.39 ng

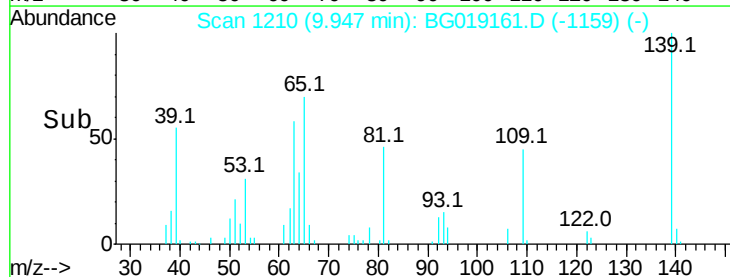
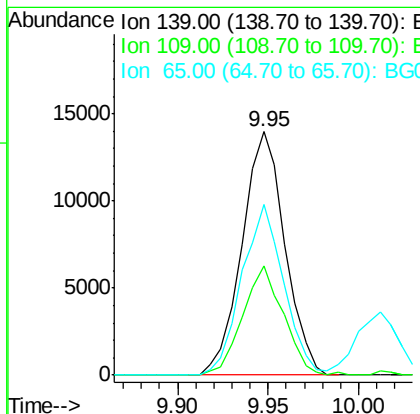
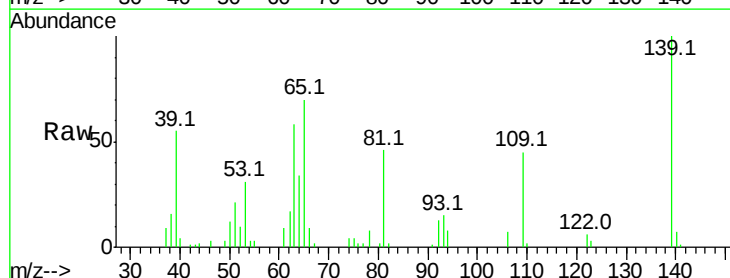
RT: 9.95 min Scan# 1210

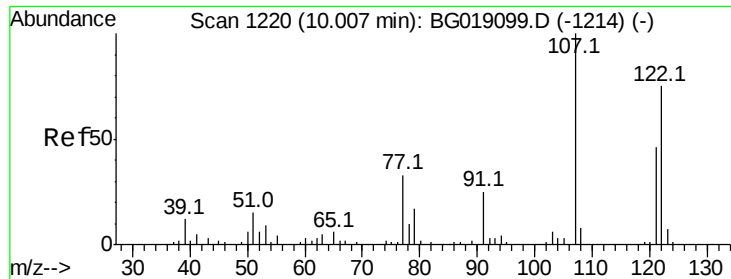
Delta R.T. -0.00 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Tgt Ion:	139	Resp:	23095
Ion Ratio	Lower	Upper	
139	100		
109	44.9	33.3	49.9
65	70.3	53.6	80.4





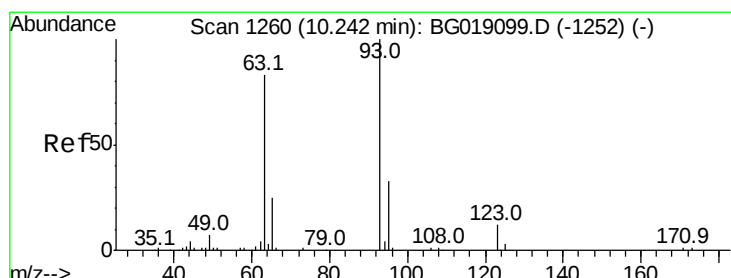
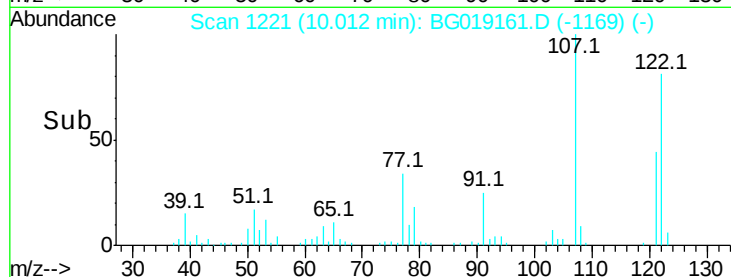
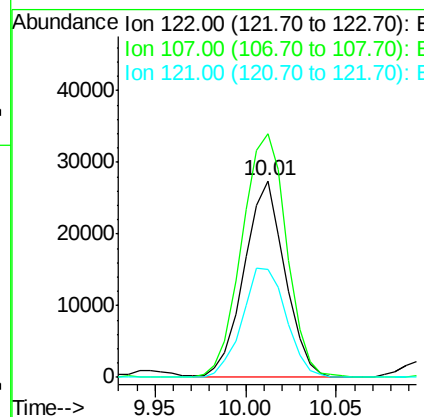
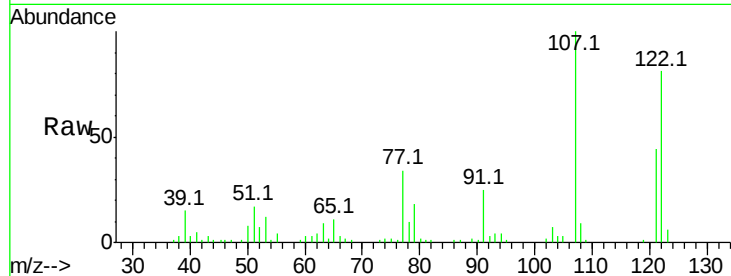
#27
 2,4-Dimethylphenol
 Concen: 38.74 ng
 RT: 10.01 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	124.0	105.1	157.7		
121	55.0	48.7	73.1		

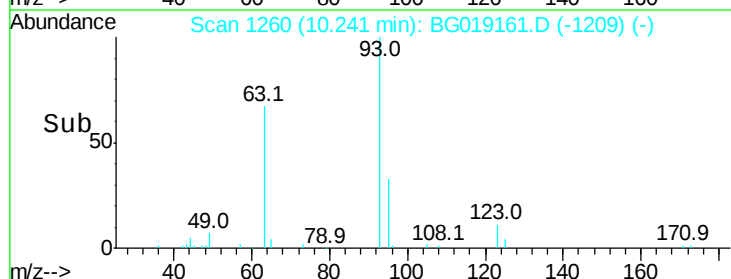
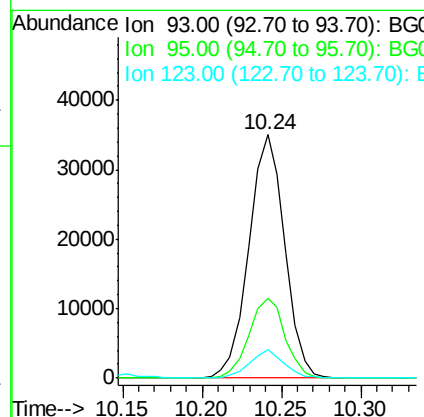
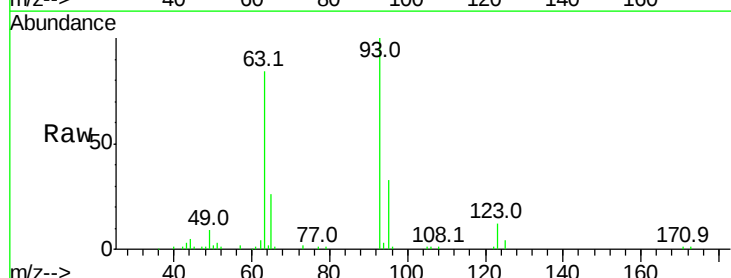
Manual Integrations
 APPROVED

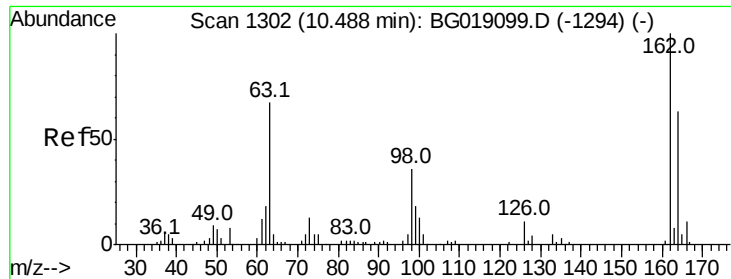
MMdadoda
 10/13/2015 1:28:32 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.04 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.6	26.5	39.7		
123	11.5	9.4	14.2		





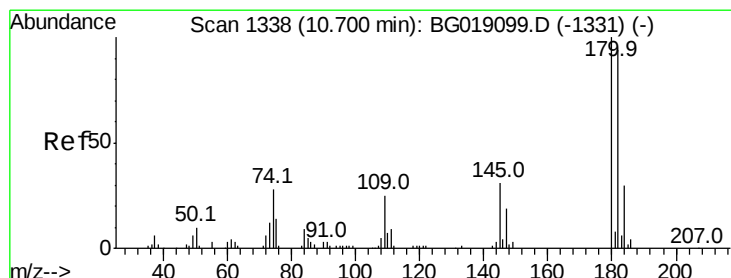
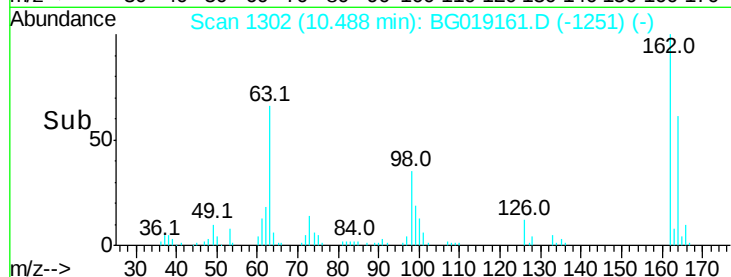
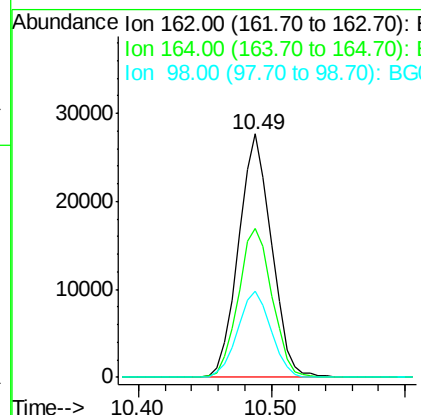
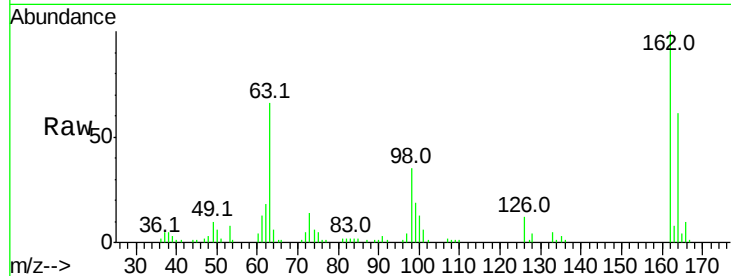
#29
 2,4-Dichlorophenol
 Concen: 40.57 ng
 RT: 10.49 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	47171		
164	61.0	42.8	82.8	
98	35.3	16.1	56.1	

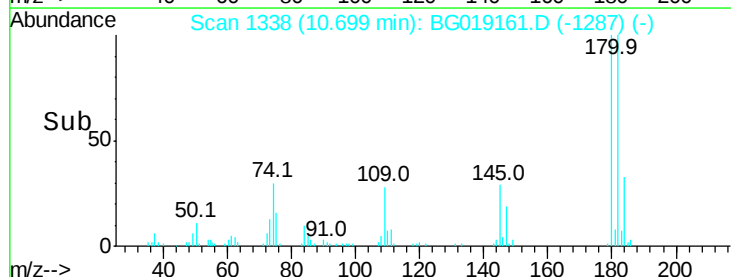
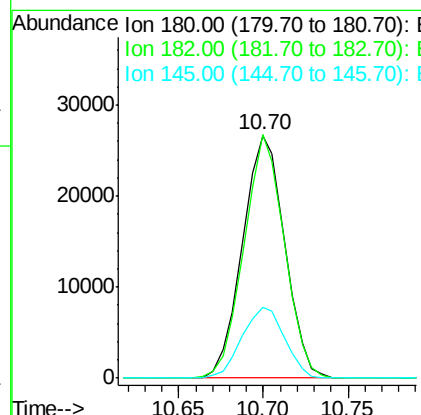
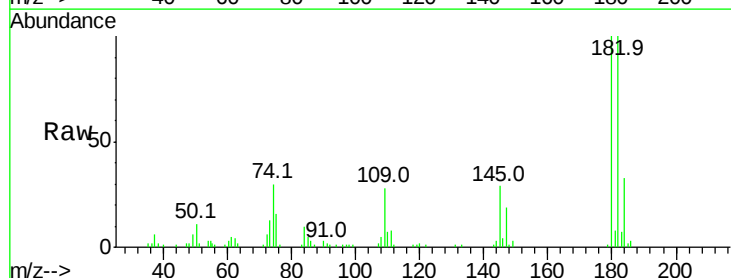
Manual Integrations
 APPROVED

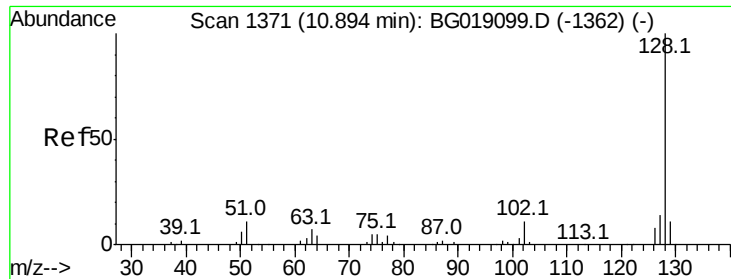
MMdadoda
 10/13/2015 1:28:32 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.07 ng
 RT: 10.70 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	46262		
182	100.3	75.3	112.9	
145	29.3	24.9	37.3	





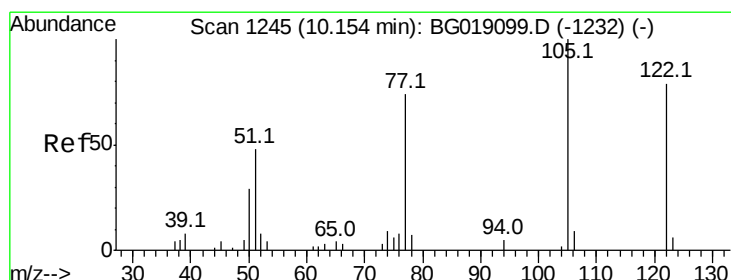
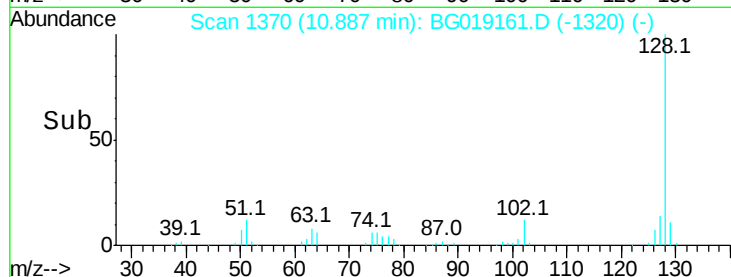
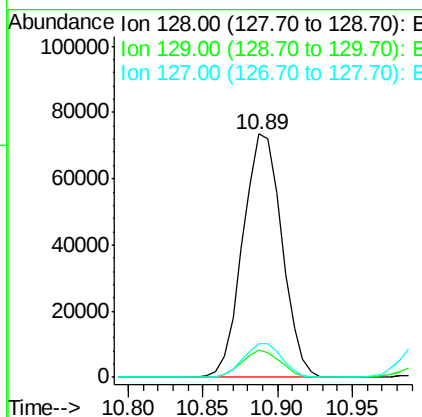
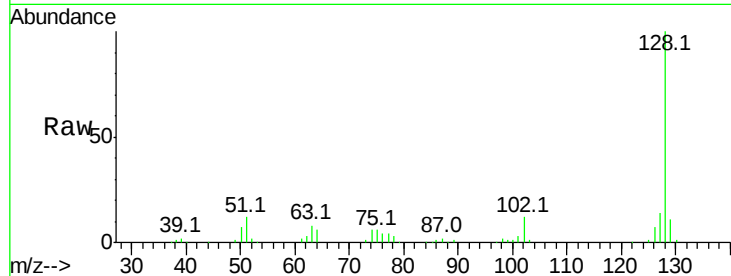
#31
Naphthalene
Concen: 35.79 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Instrument :
BNA_G
ClientSampleId :
PB85991BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	133538		
129	11.0	8.6	12.8	
127	13.7	11.4	17.0	

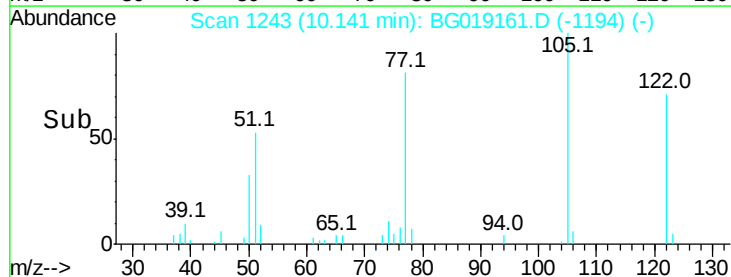
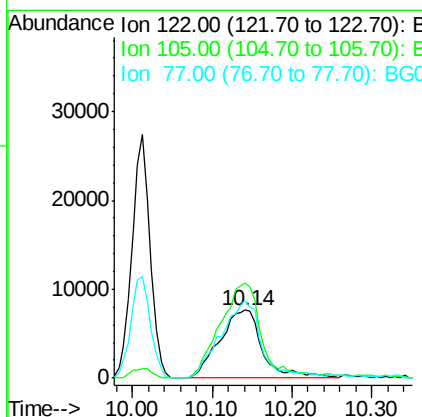
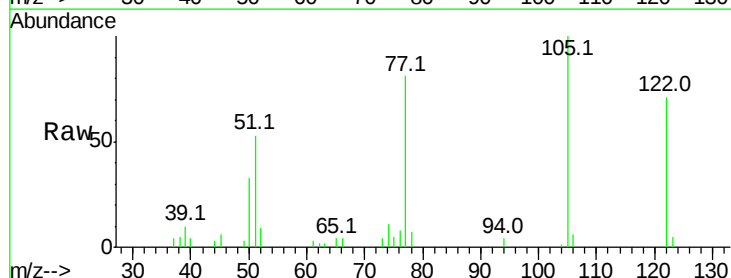
Manual Integrations
APPROVED

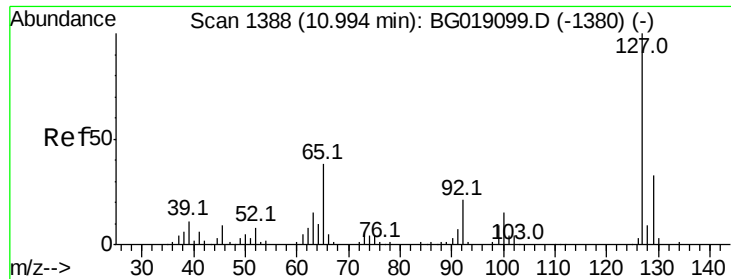
MMdadoda
10/13/2015 1:28:32 PM



#32
Benzoic acid
Concen: 42.68 ng m
RT: 10.14 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	28688		
105	140.1	107.0	147.0	
77	112.8	73.4	113.4	





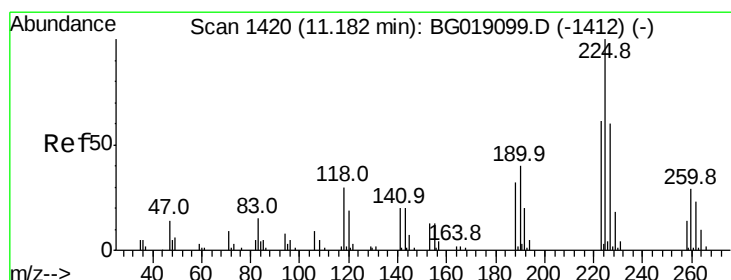
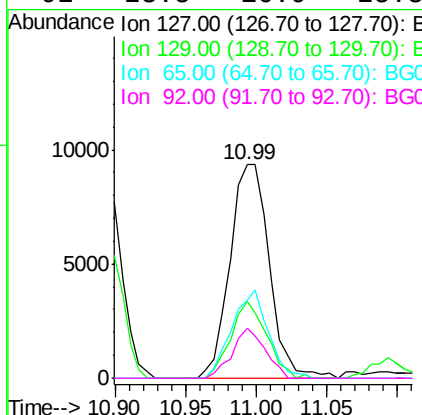
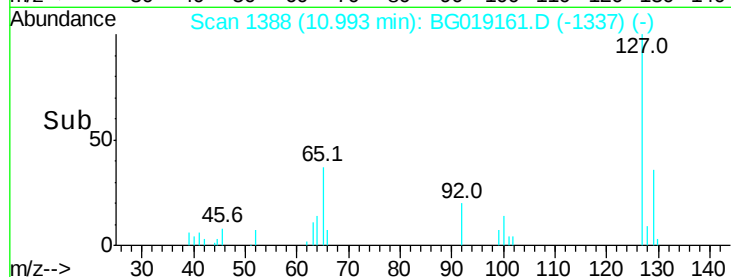
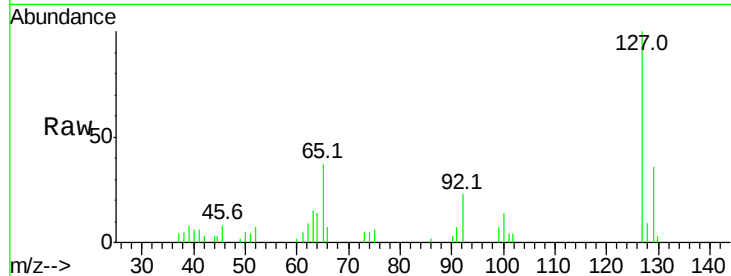
#33
4-Chloroaniline
Concen: 10.52 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Instrument :
BNA_G
ClientSampleId :
PB85991BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		18233		
129	36.3	26.2	39.2		
65	36.6	30.4	45.6		
92	23.5	16.9	25.3		

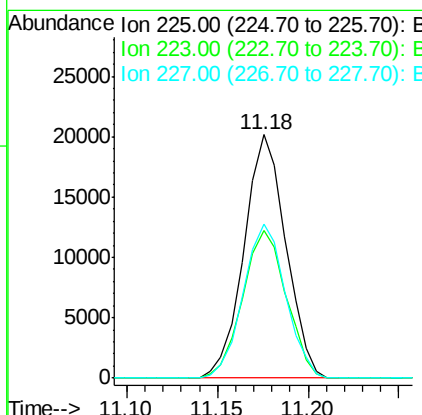
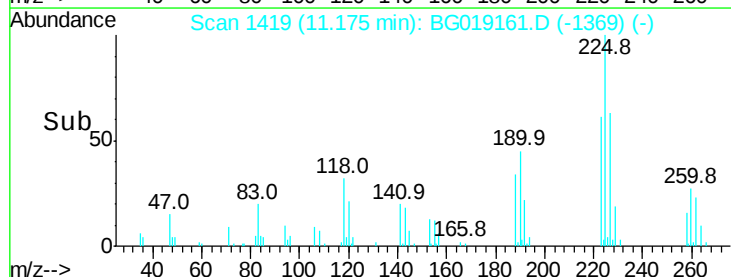
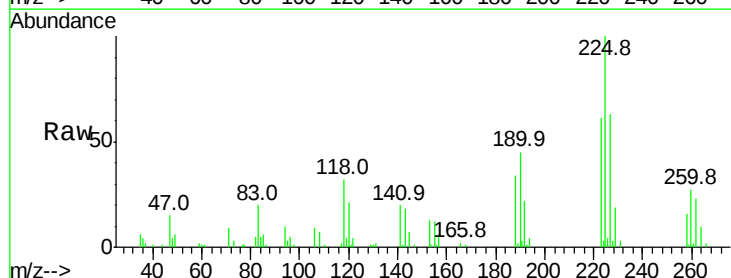
Manual Integrations
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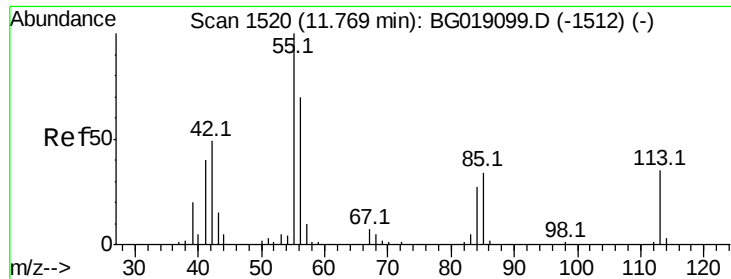
MMdadoda
10/13/2015 1:28:32 PM



#34
Hexachlorobutadiene
Concen: 37.83 ng
RT: 11.18 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		32367		
223	60.6	48.6	72.8		
227	63.5	48.1	72.1		





#35

Caprolactam

Concen: 37.53 ng

RT: 11.77 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Instrument :

BNA_G

ClientSampleId :

PB85991BS

Tot Ion:113 Resp: 16071

Ion Ratio Lower Upper

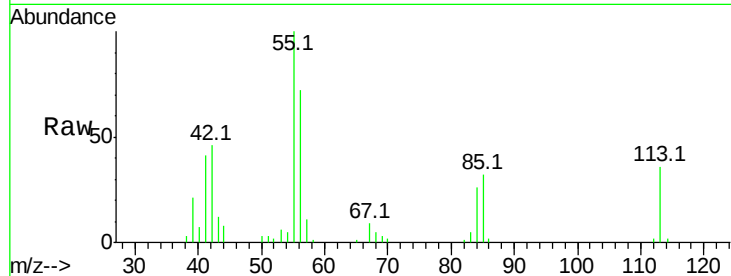
113 100

55 276.7 263.4 303.4

56 198.7 179.0 219.0

Manual Integrations
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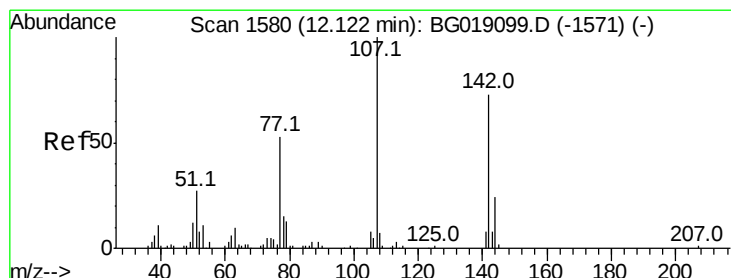
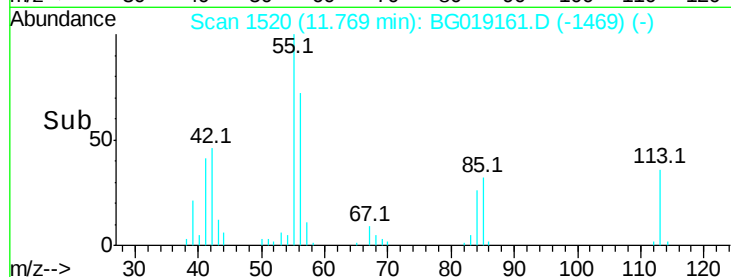
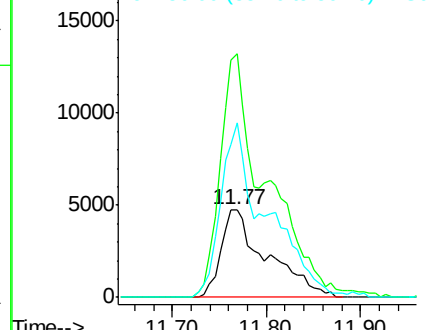
MMdadoda
10/13/2015 1:28:32 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.49 ng

RT: 12.12 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

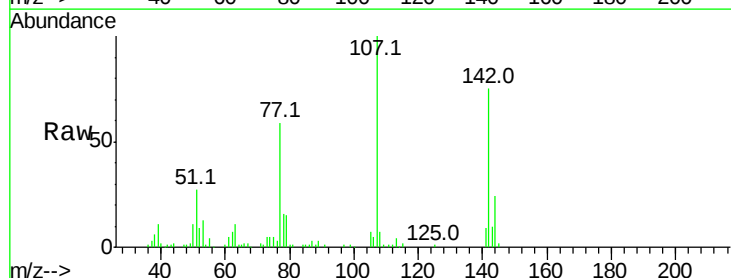
Tgt Ion:107 Resp: 58363

Ion Ratio Lower Upper

107 100

144 23.6 19.0 28.6

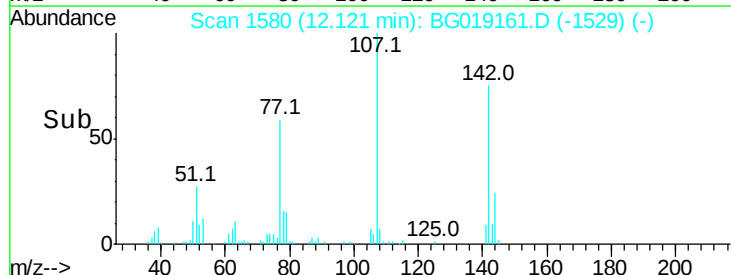
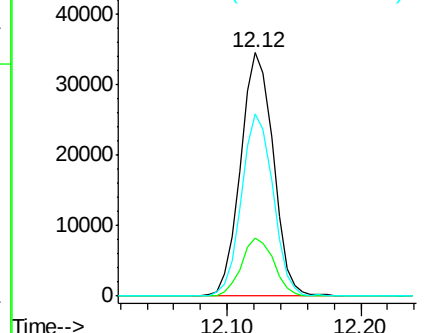
142 74.6 58.5 87.7

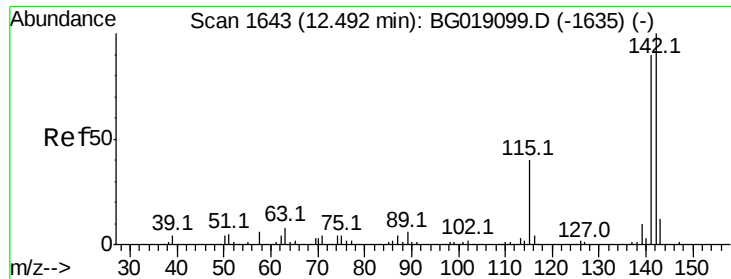


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





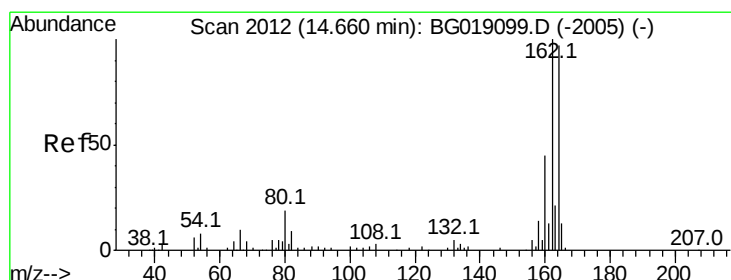
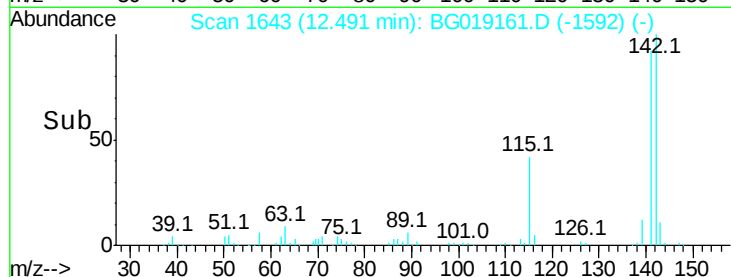
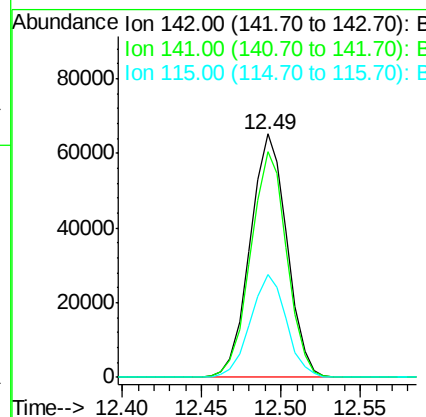
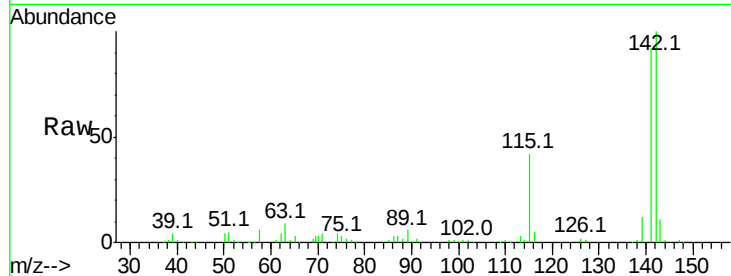
#37
2-Methylnaphthalene
Concen: 36.28 ng
RT: 12.49 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Instrument :
BNA_G
ClientSampleId :
PB85991BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	105155		
141	92.5	72.1	108.1	
115	42.1	31.8	47.8	

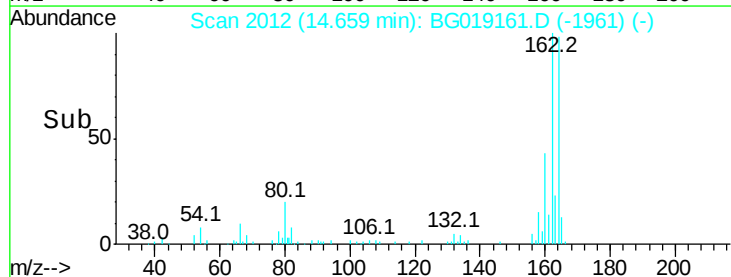
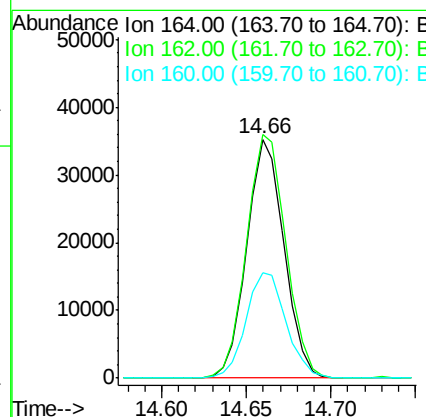
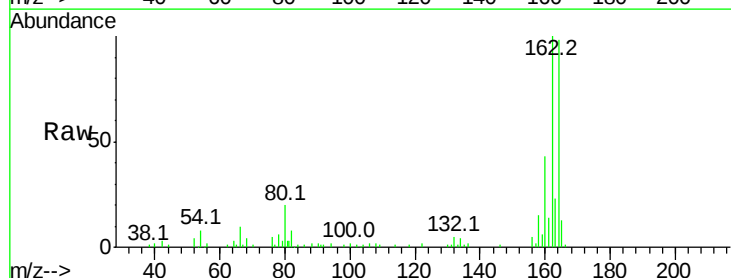
Manual Integrations
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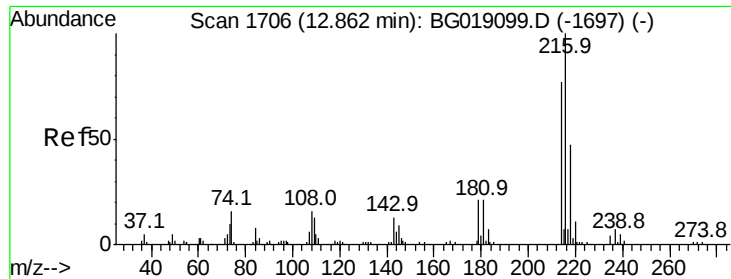
MMdadoda
10/13/2015 1:28:32 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	53984		
162	102.0	82.6	124.0	
160	43.9	36.9	55.3	





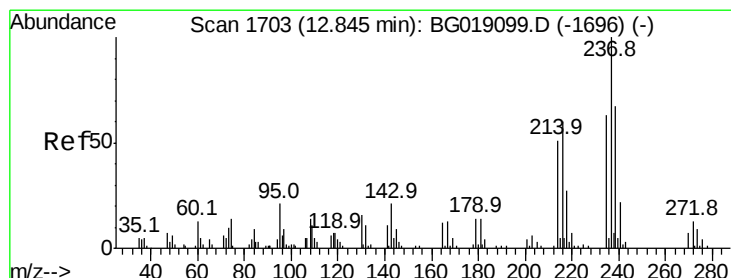
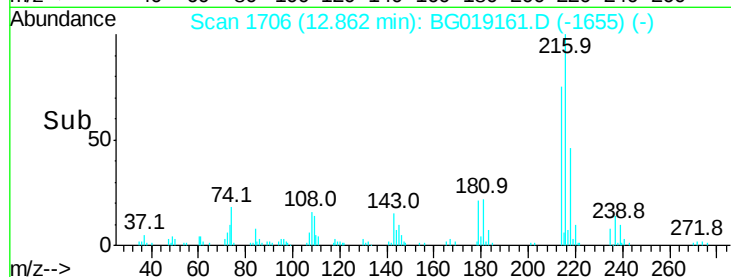
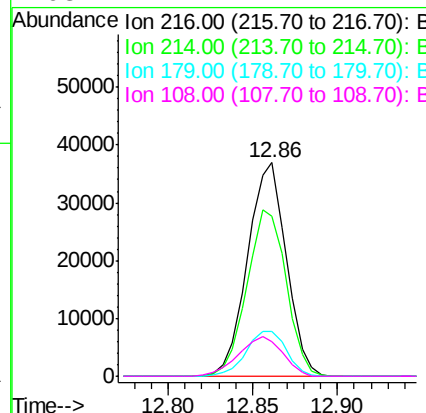
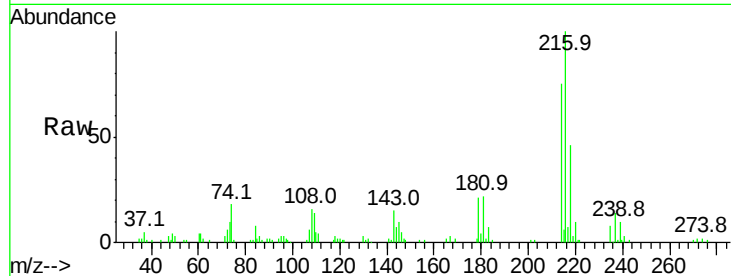
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.98 ng
 RT: 12.86 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	58931		
214	78.8	64.0	96.0	
179	22.0	16.9	25.3	
108	21.1	14.7	22.1	

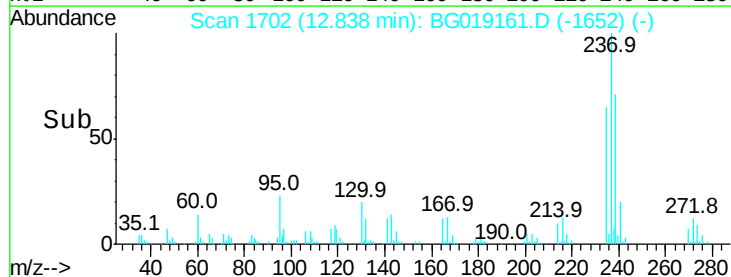
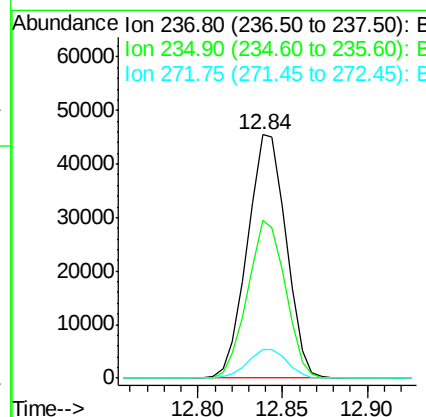
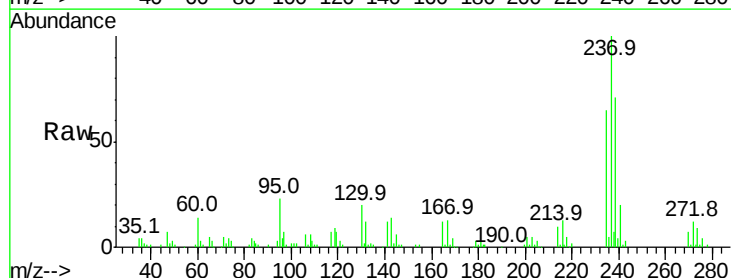
Manual Integrations
 APPROVED

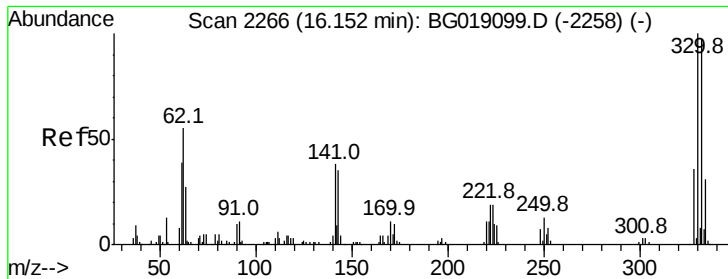
MMdadoda
 10/13/2015 1:28:32 PM



#40
 Hexachlorocyclopentadiene
 Concen: 89.93 ng
 RT: 12.84 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	72575		
235	64.9	43.2	83.2	
272	12.0	0.0	33.2	





#41

2,4,6-Tribromophenol

Concen: 130.40 ng

RT: 16.15 min Scan# 2266

Delta R.T. -0.00 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Instrument :

BNA_G

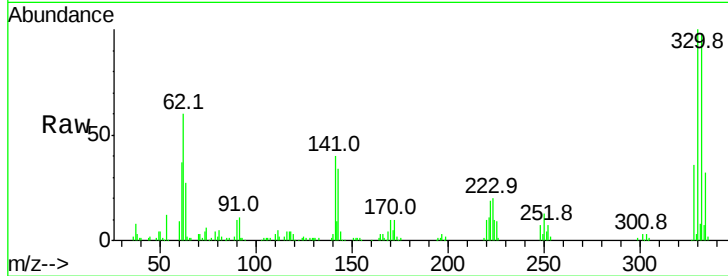
ClientSampleId :

PB85991BS

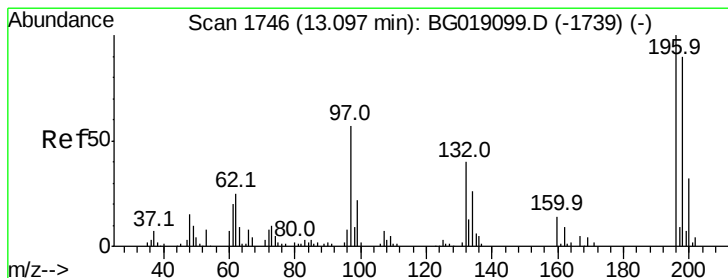
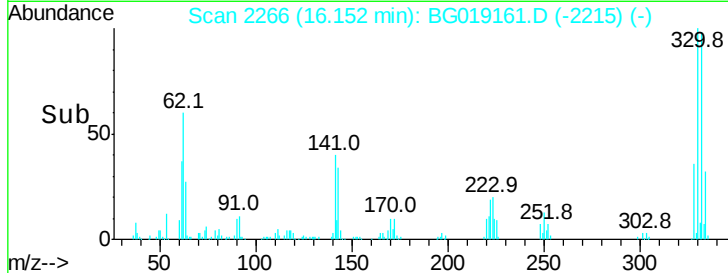
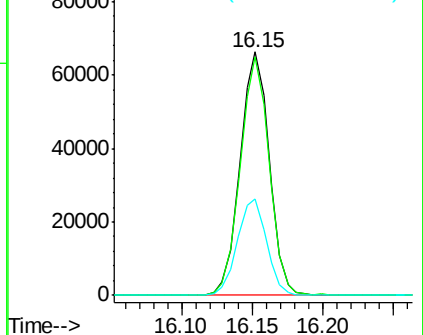
Tot Ion:	330	Resp:	95924
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.3	115.9
141	39.6	30.7	46.1

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



#42

2,4,6-Trichlorophenol

Concen: 38.35 ng

RT: 13.10 min Scan# 1746

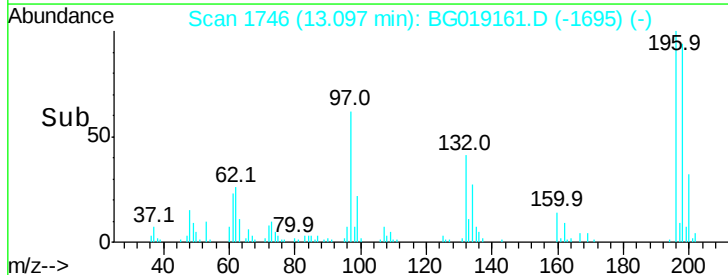
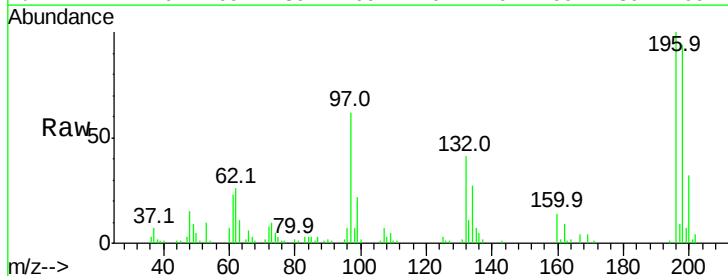
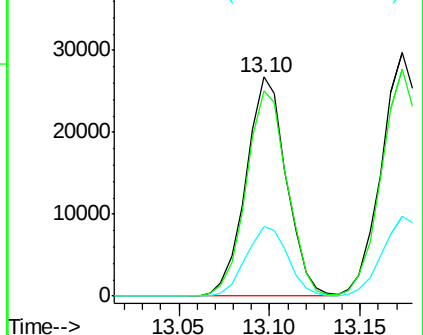
Delta R.T. -0.00 min

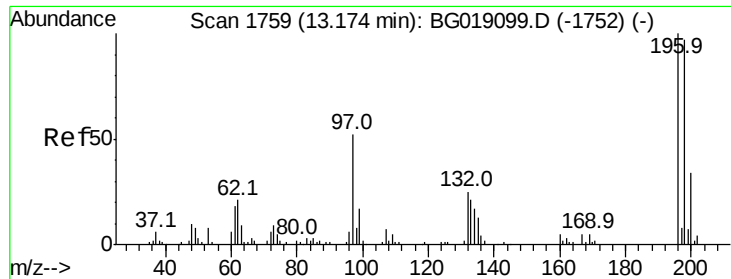
Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Tgt Ion:	196	Resp:	41419
Ion Ratio	Lower	Upper	
196	100		
198	94.0	72.0	108.0
200	31.6	25.5	38.3

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





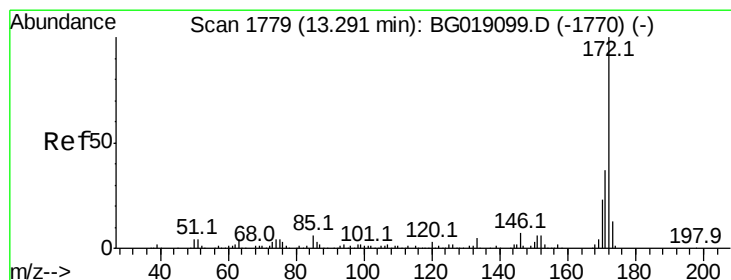
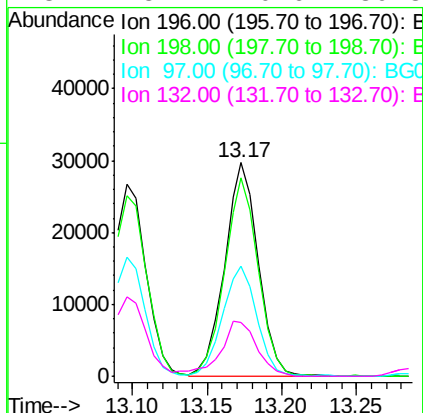
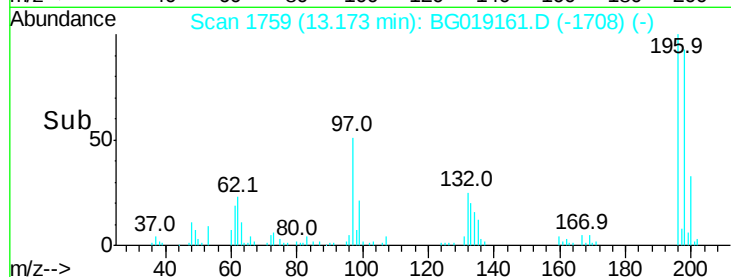
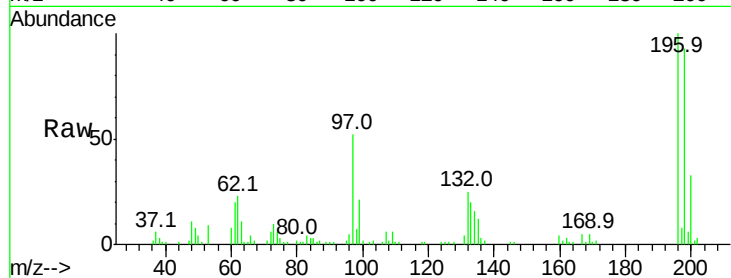
#43
 2,4,5-Trichlorophenol
 Concen: 40.73 ng
 RT: 13.17 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

Tot Ion	196	Resp	46750
Ion Ratio	Lower	Upper	
196	100		
198	93.2	77.7	116.5
97	51.5	41.4	62.2
132	25.2	20.6	30.8

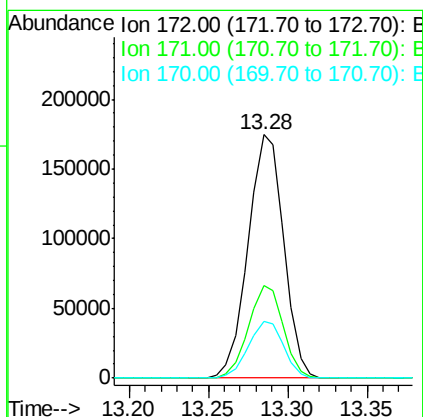
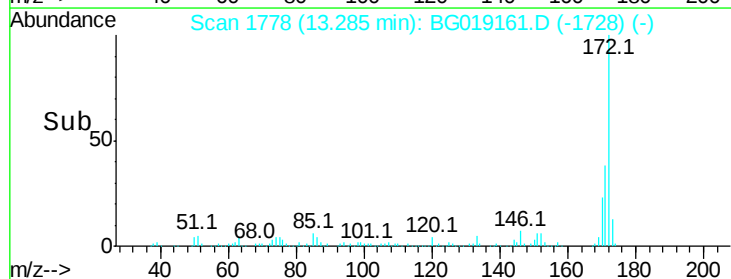
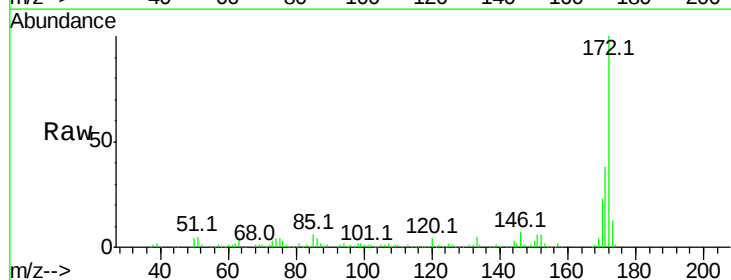
Manual Integrations
 APPROVED

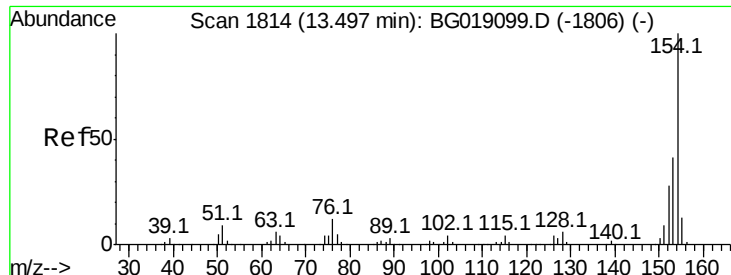
MMdadoda
 10/13/2015 1:28:32 PM



#44
 2-Fluorobiphenyl
 Concen: 77.61 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Tgt Ion	172	Resp	272480
Ion Ratio	Lower	Upper	
172	100		
171	38.2	29.9	44.9
170	23.3	18.6	27.8





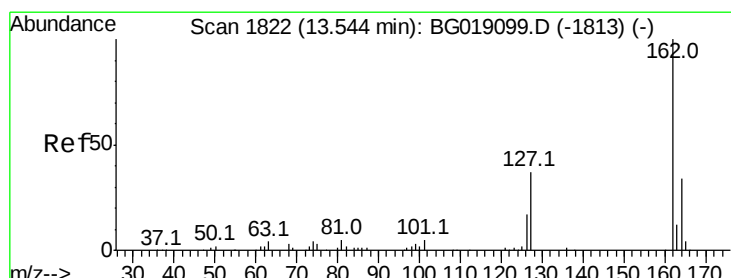
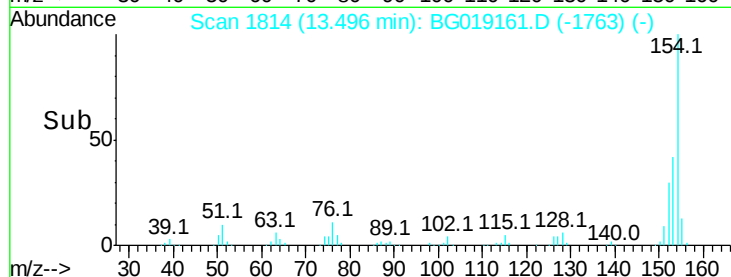
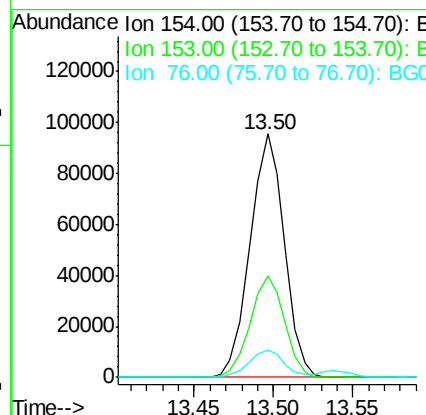
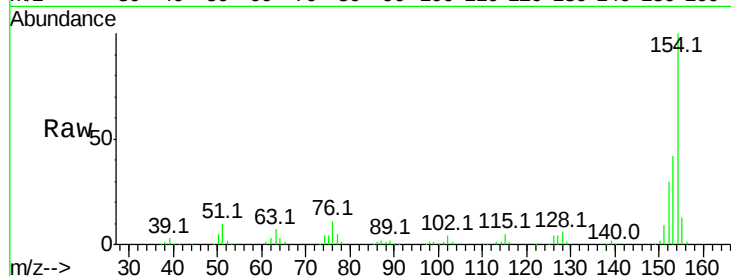
#45
 1,1'-Biphenyl
 Concen: 36.43 ng
 RT: 13.50 min Scan# 1814
 Delta R.T. -0.00 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	41.8	20.6	60.6
76	11.3	0.0	32.2

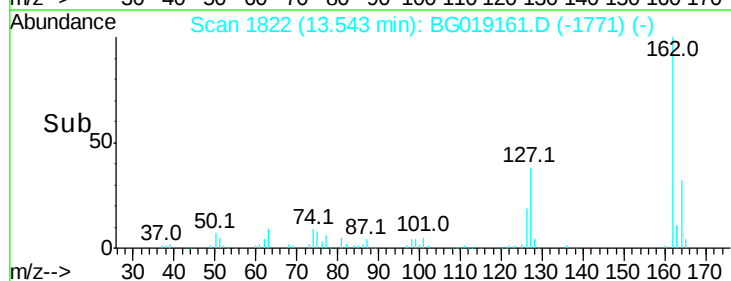
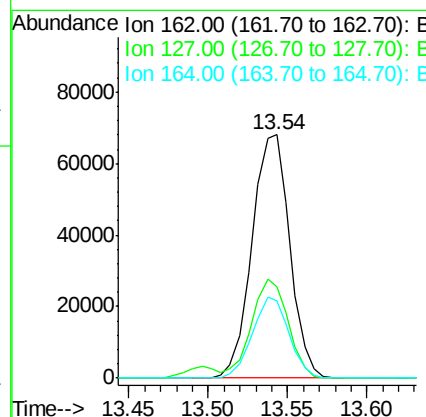
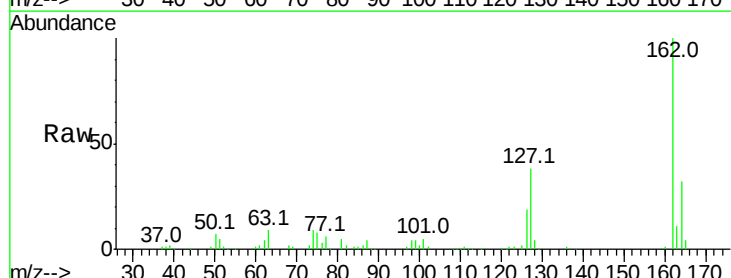
Manual Integrations
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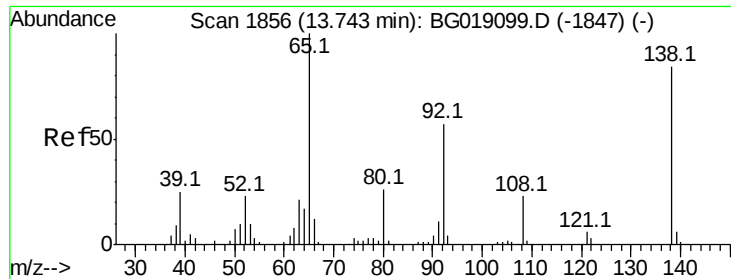
MMdadoda
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#46
 2-Chloronaphthalene
 Concen: 37.33 ng
 RT: 13.54 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	37.7	32.2	48.4
164	31.7	27.3	40.9





#47

2-Nitroaniline

Concen: 37.77 ng

RT: 13.74 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Instrument :

BNA_G

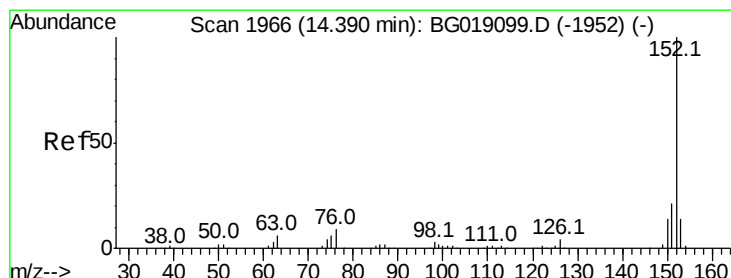
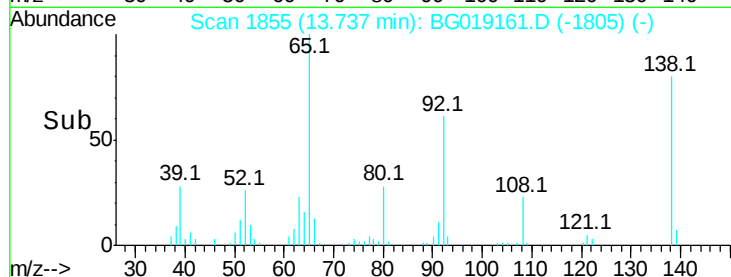
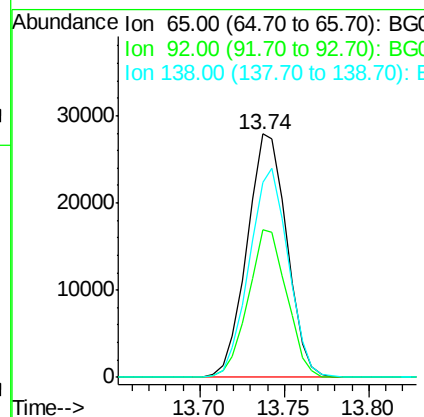
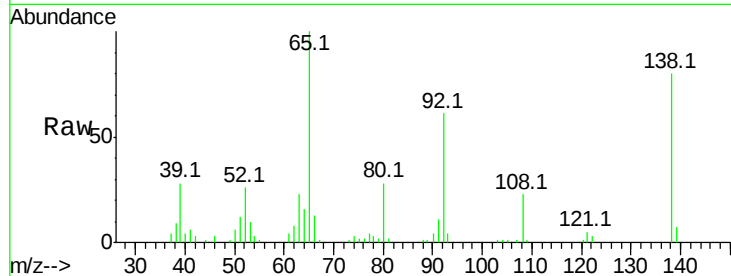
ClientSampleId :

PB85991BS

Tot Ion:	65	Resp:	45751
Ion Ratio	Lower	Upper	
65	100		
92	60.8	45.8	68.8
138	80.0	66.9	100.3

Manual Integrations
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MMdadoda
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#48

Acenaphthylene

Concen: 36.68 ng

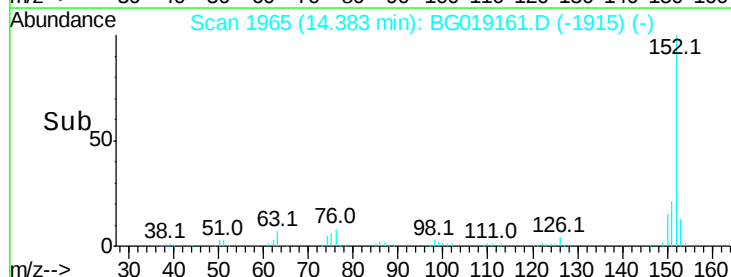
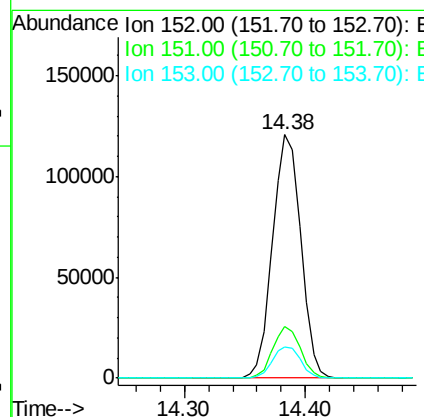
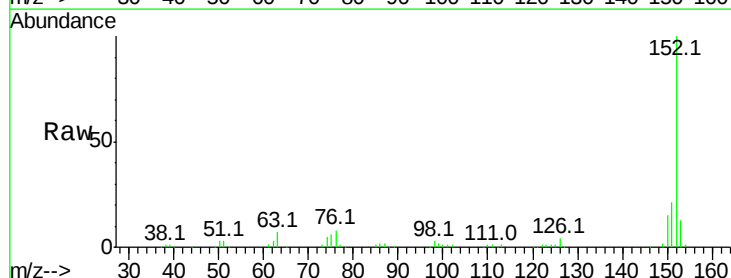
RT: 14.38 min Scan# 1965

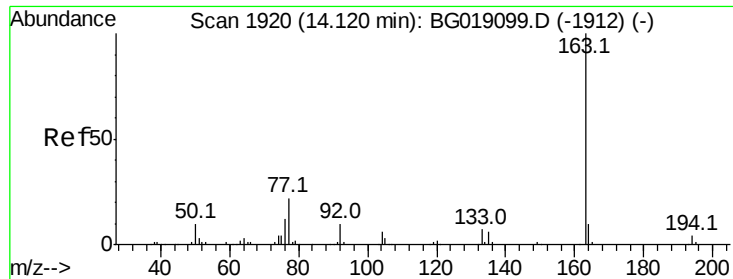
Delta R.T. -0.01 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Tgt Ion:	152	Resp:	195131
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.8	25.2
153	13.0	11.0	16.4





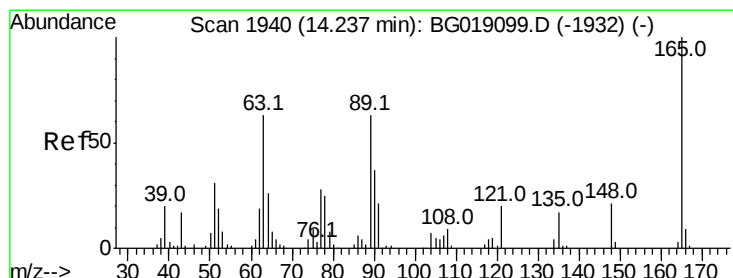
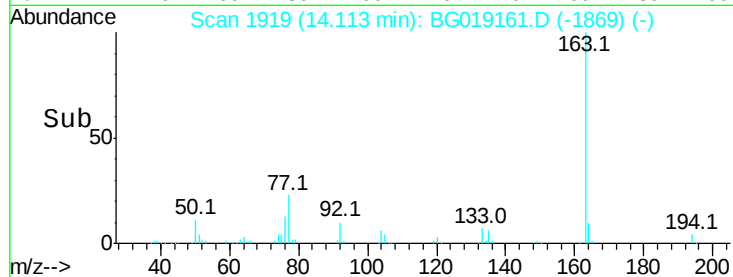
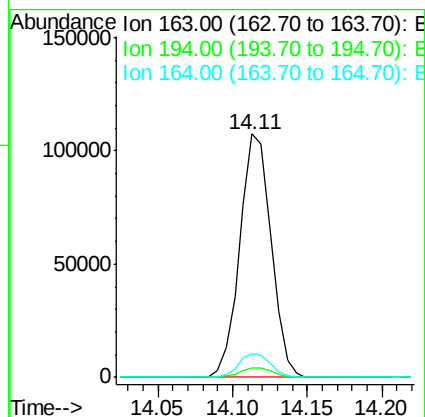
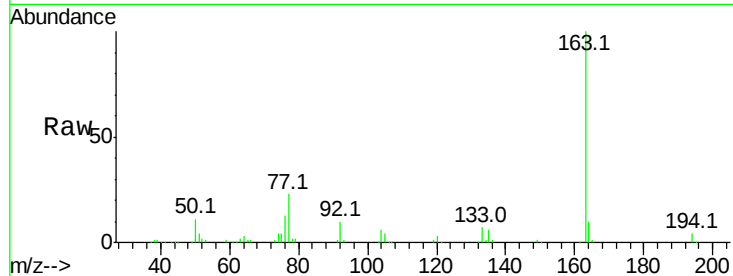
#49
Dimethylphthalate
Concen: 36.73 ng
RT: 14.11 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Instrument :
BNA_G
ClientSampled :
PB85991BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.7	8.1	12.1

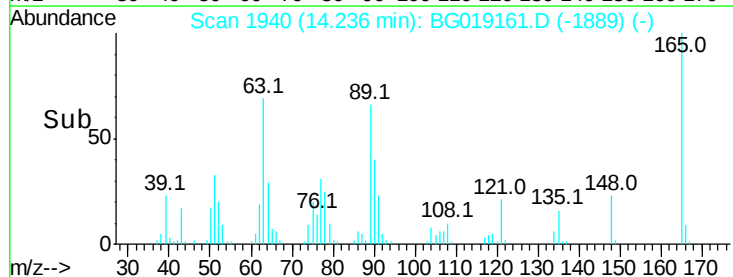
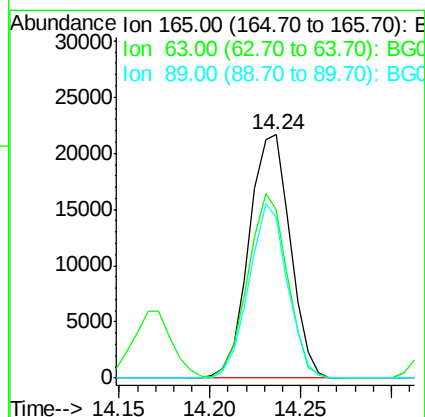
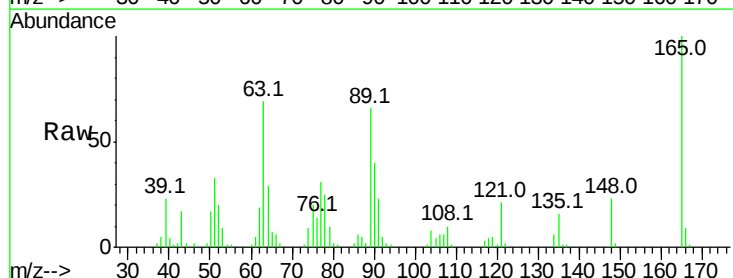
Manual Integrations
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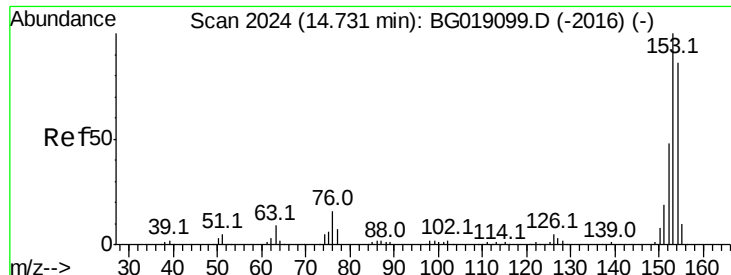
MMdadoda
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#50
2,6-Dinitrotoluene
Concen: 37.59 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	68.9	52.6	78.8
89	66.1	50.6	76.0





#51

Acenaphthene

Concen: 36.35 ng

RT: 14.72 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Instrument :

BNA_G

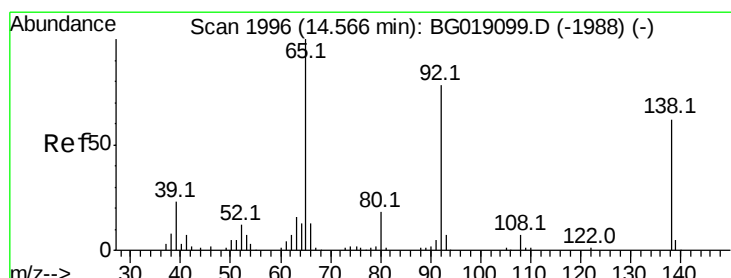
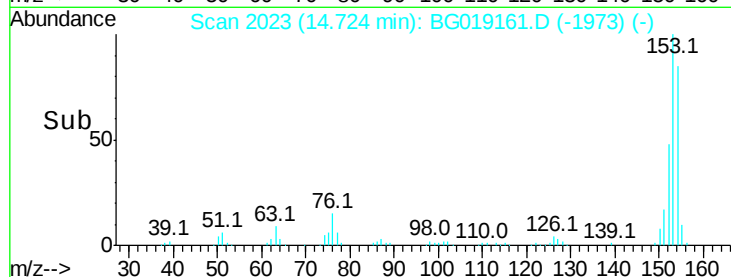
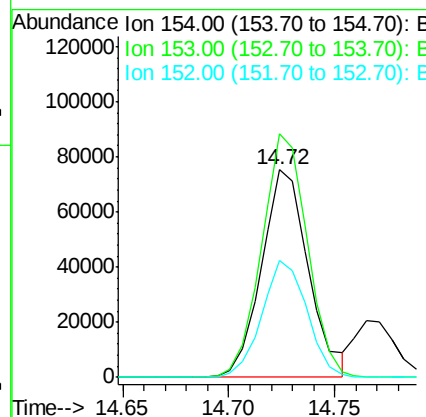
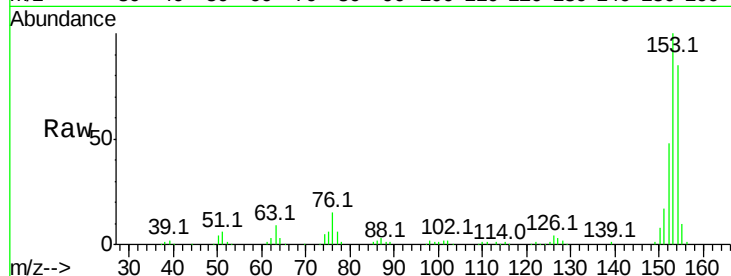
ClientSampleId :

PB85991BS

Tot Ion:	154	Resp:	116301
Ion Ratio	Lower	Upper	
154	100		
153	117.5	93.4	140.2
152	56.7	44.9	67.3

Manual Integrations
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#52

3-Nitroaniline

Concen: 19.50 ng

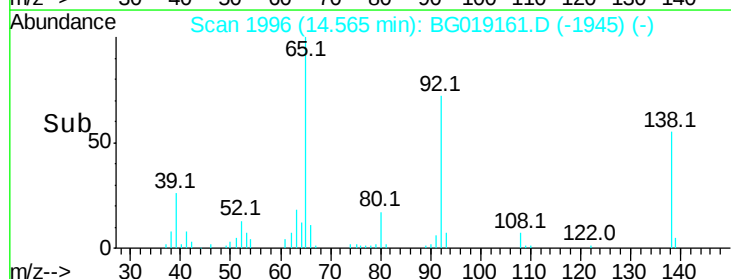
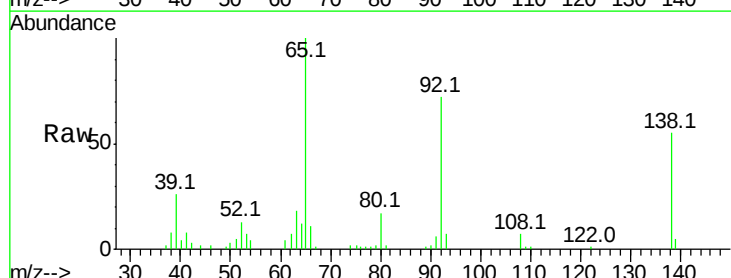
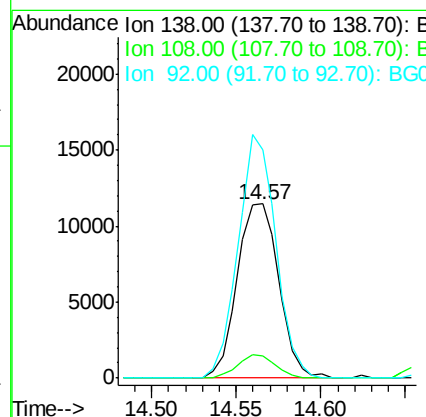
RT: 14.57 min Scan# 1996

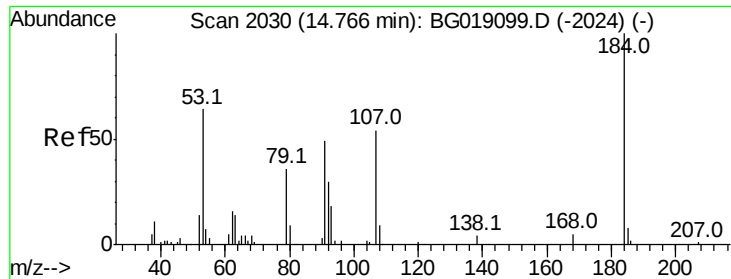
Delta R.T. -0.00 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Tgt Ion:	138	Resp:	19601
Ion Ratio	Lower	Upper	
138	100		
108	12.9	8.6	13.0
92	131.6	101.4	152.0





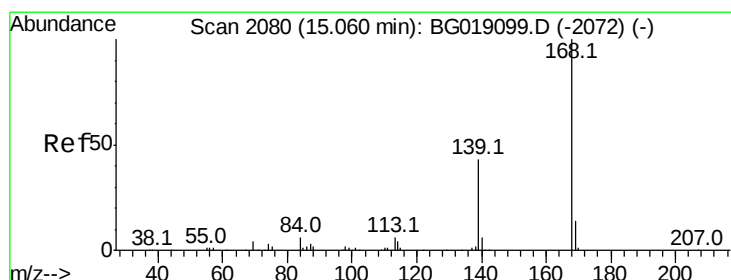
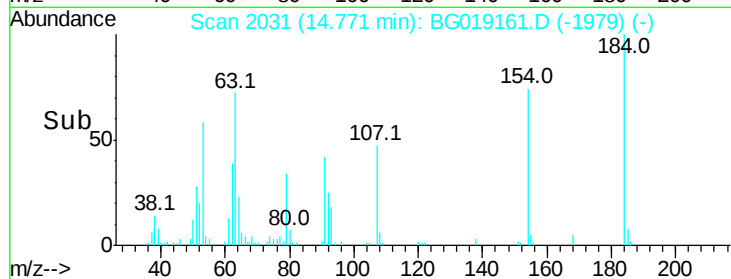
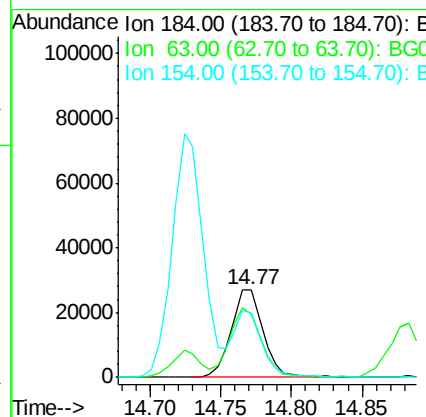
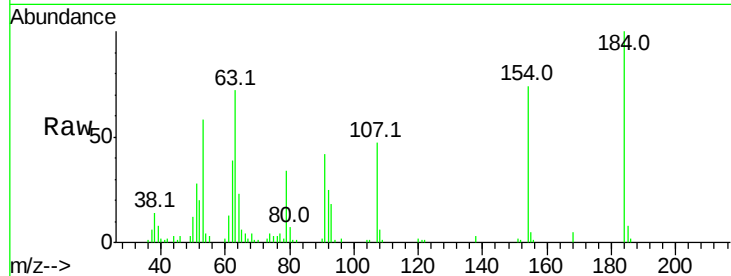
#53
2,4-Dinitrophenol
Concen: 80.14 ng
RT: 14.77 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Instrument :
BNA_G
ClientSampleId :
PB85991BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	71.6	67.5	101.3
154	73.6	62.4	93.6

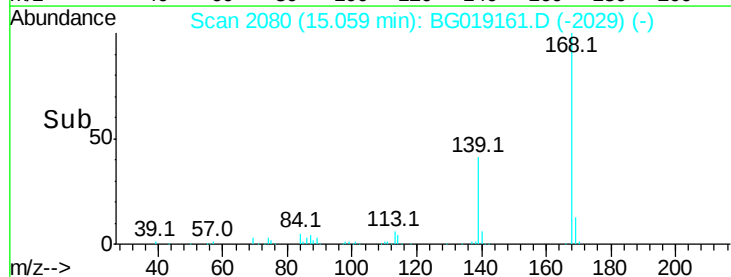
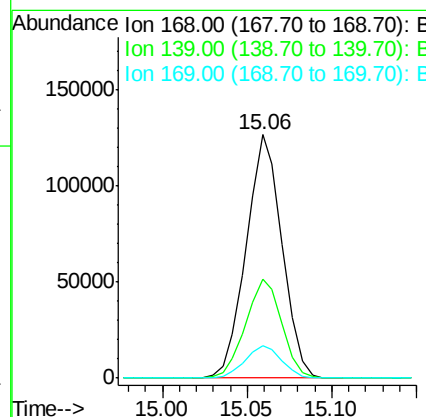
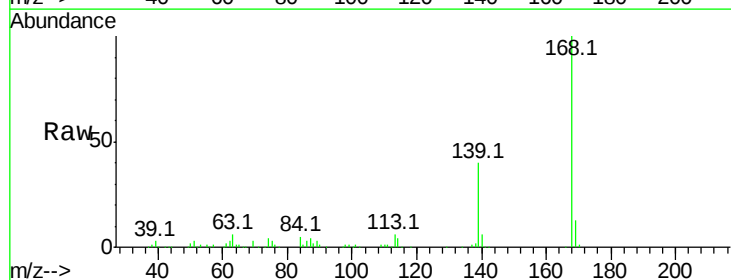
Manual Integrations
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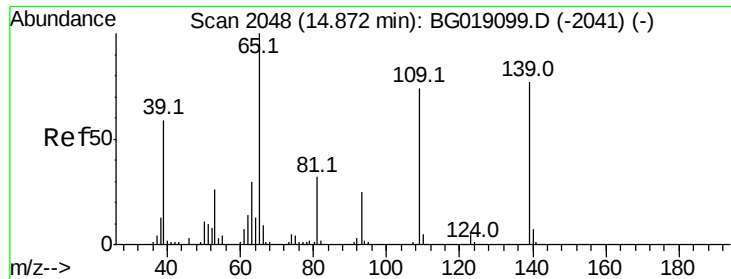
MMdadoda
10/13/2015 1:28:32 PM



#54
Dibenzofuran
Concen: 39.41 ng
RT: 15.06 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.5	34.2	51.4
169	13.3	11.4	17.0





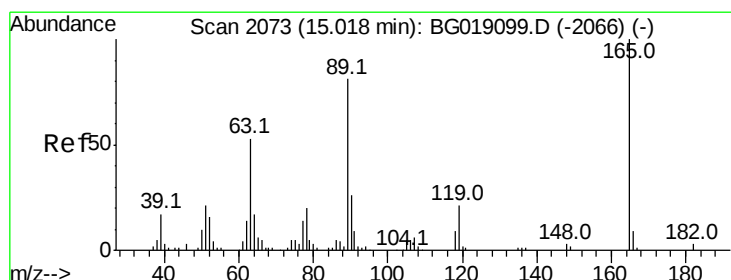
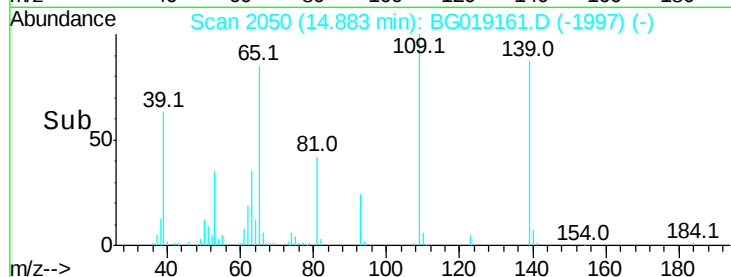
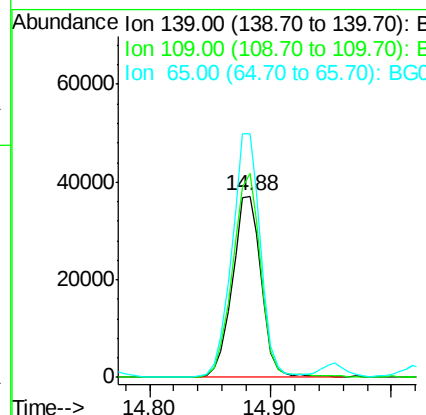
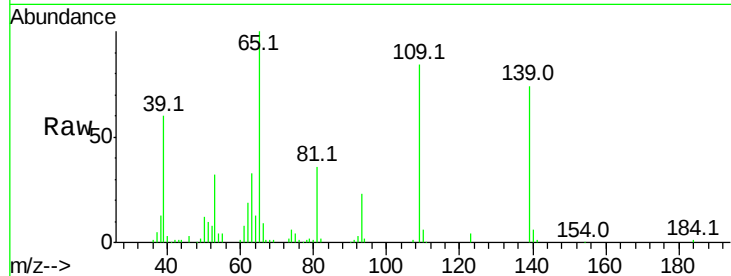
#55
4-Nitrophenol
Concen: 80.87 ng
RT: 14.88 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Instrument :
BNA_G
ClientSampleId :
PB85991BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	112.2	76.8	116.8	
65	134.3	110.0	150.0	

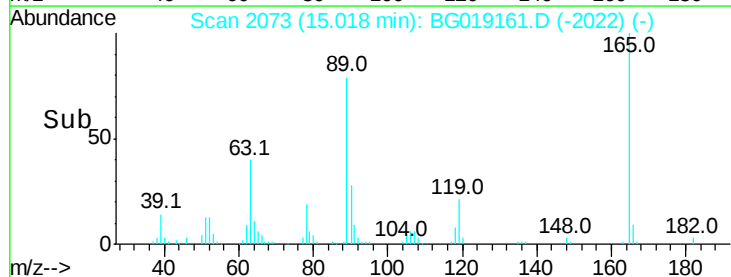
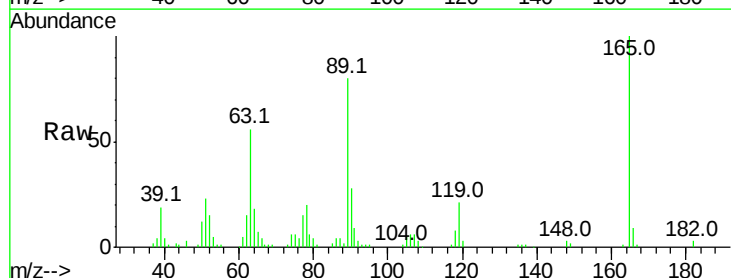
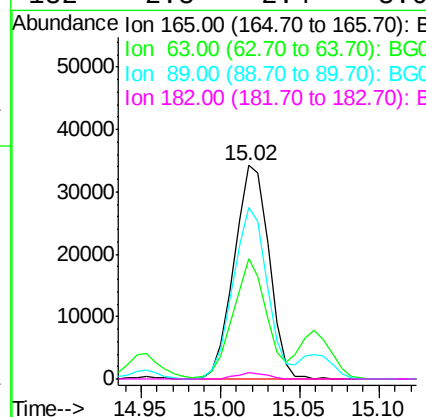
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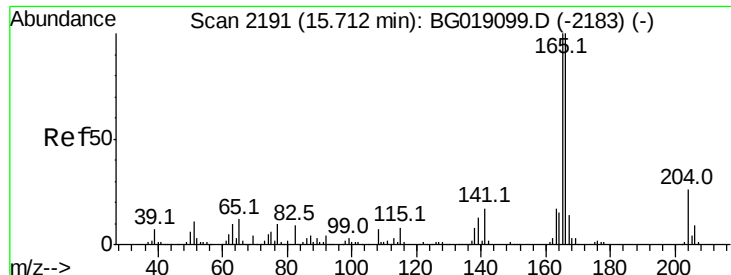
MMdadoda
10/13/2015 1:28:32 PM



#56
2,4-Dinitrotoluene
Concen: 39.43 ng
RT: 15.02 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.3	42.2	63.2	
89	80.2	64.8	97.2	
182	2.8	2.4	3.6	





#57

Fluorene

Concen: 38.47 ng

RT: 15.71 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Instrument :

BNA_G

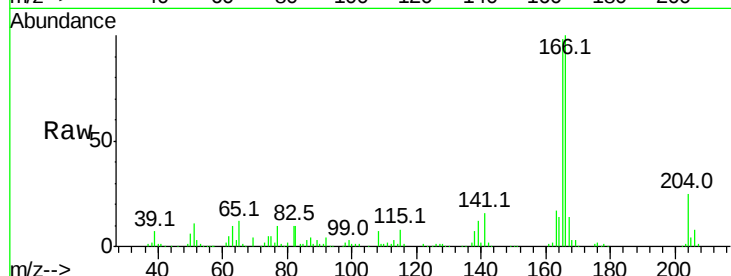
ClientSampleId :

PB85991BS

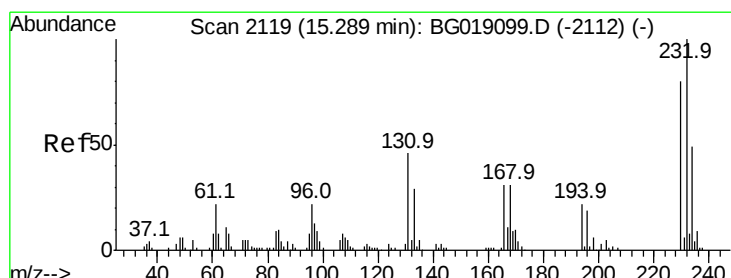
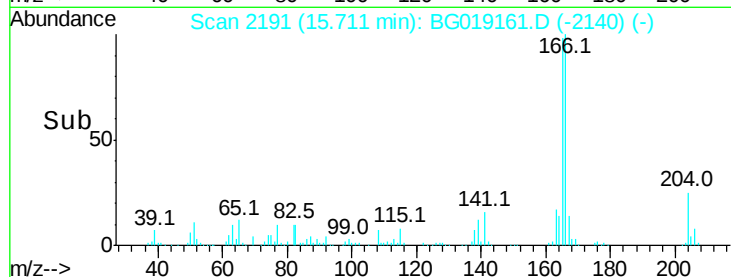
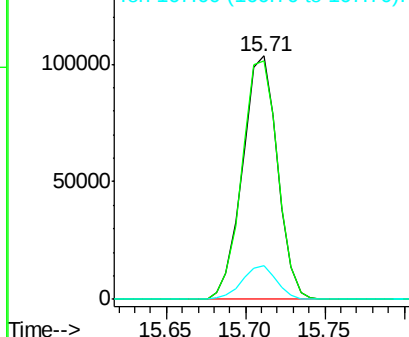
Tot Ion:	166	Resp:	157734
Ion Ratio	Lower	Upper	
166	100		
165	98.1	80.2	120.2
167	13.9	11.4	17.0

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.16 ng

RT: 15.29 min Scan# 2119

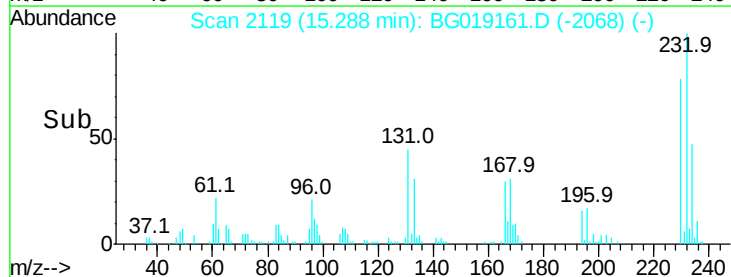
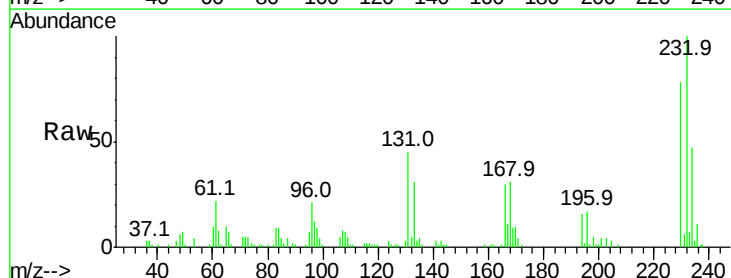
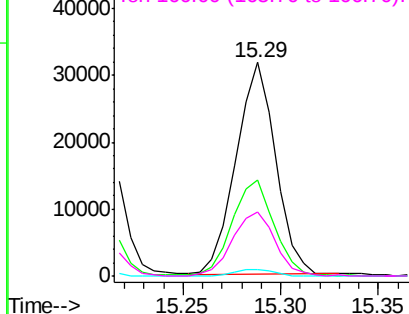
Delta R.T. -0.00 min

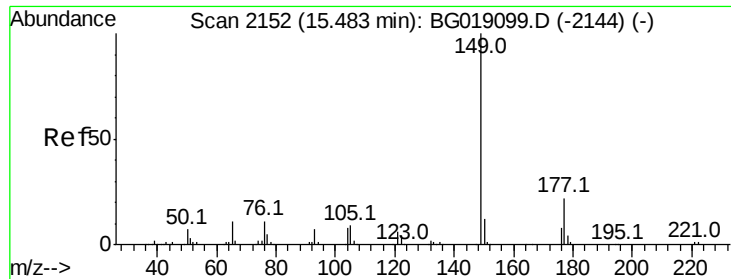
Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Tgt Ion:	232	Resp:	44726
Ion Ratio	Lower	Upper	
232	100		
131	47.9	36.5	54.7
130	2.9	2.3	3.5
166	32.3	25.7	38.5

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





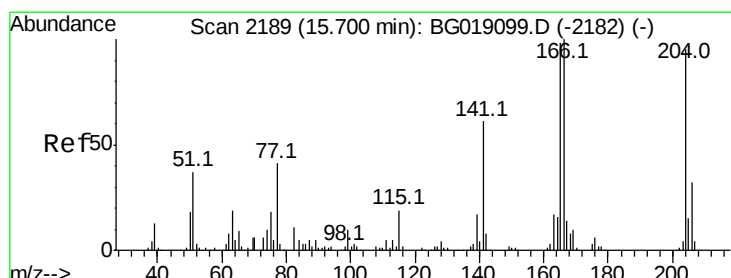
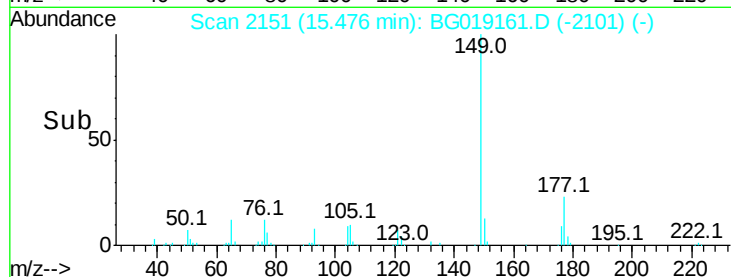
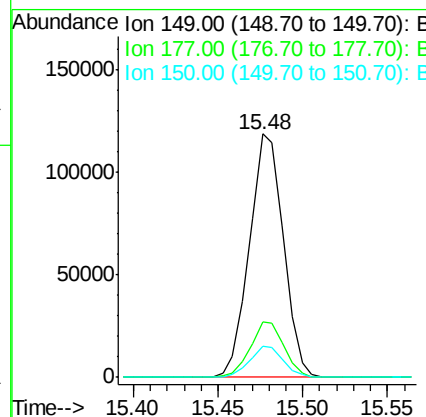
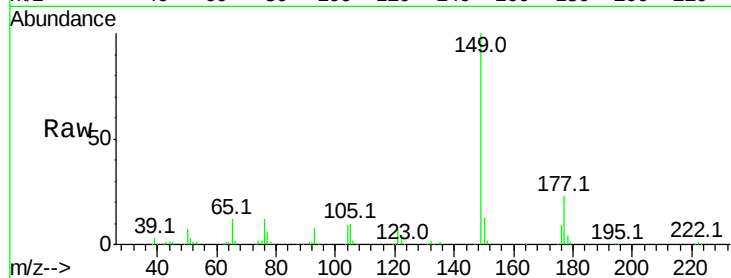
#59
Diethylphthalate
Concen: 37.61 ng
RT: 15.48 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Instrument :
BNA_G
ClientSampleId :
PB85991BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	166590		
177	22.6	17.7	26.5	
150	12.9	9.4	14.2	

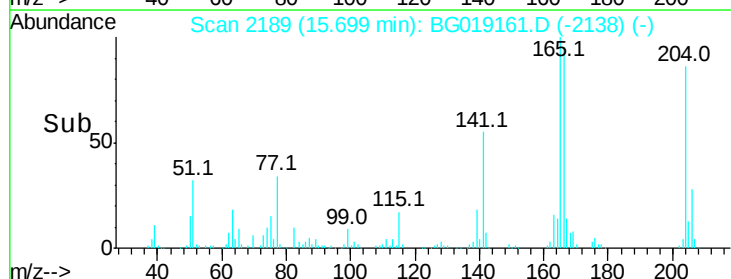
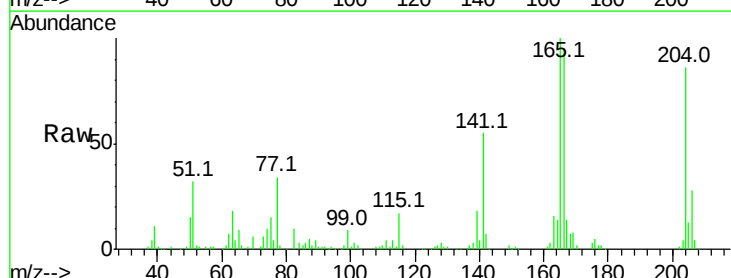
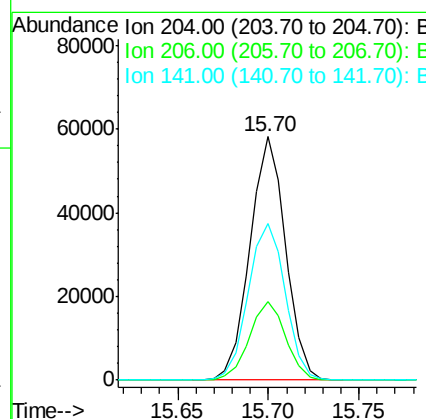
Manual Integrations
APPROVED

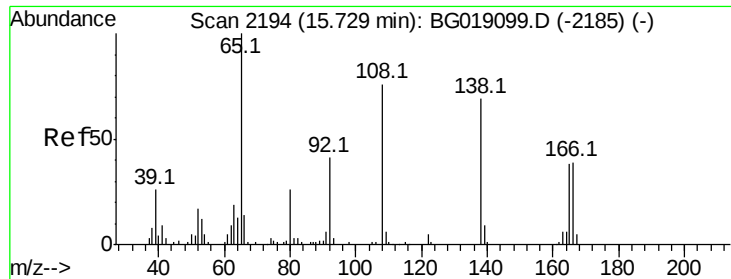
MMdadoda
10/13/2015 1:28:32 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.23 ng
RT: 15.70 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	79877		
206	32.3	27.0	40.4	
141	64.4	51.9	77.9	





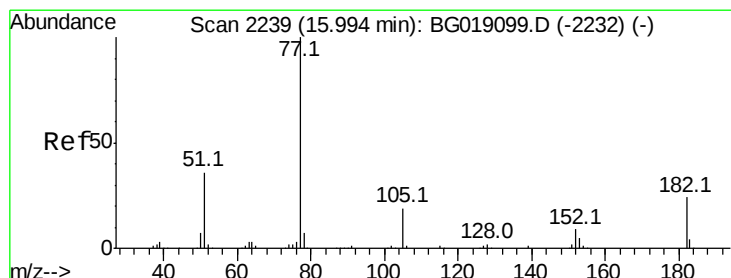
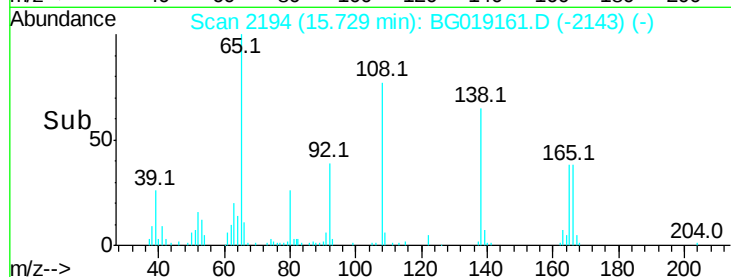
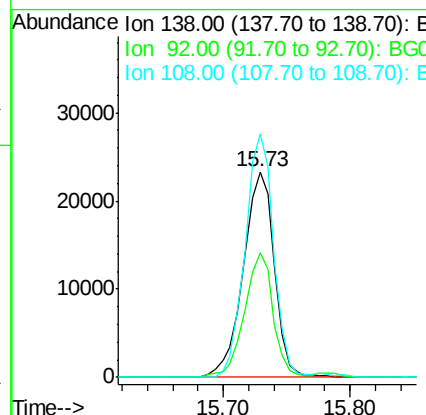
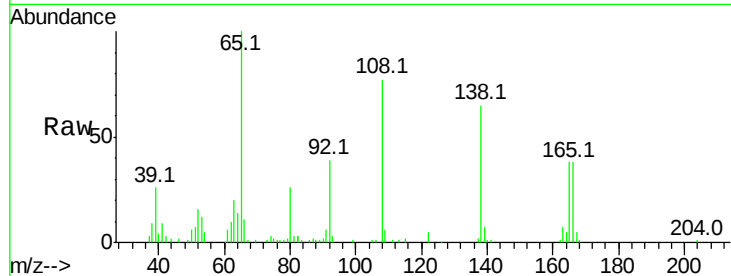
#61
4-Nitroaniline
Concen: 36.27 ng
RT: 15.73 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Instrument :
BNA_G
ClientSampleId :
PB85991BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	60.3	39.0	79.0	
108	118.5	90.8	130.8	

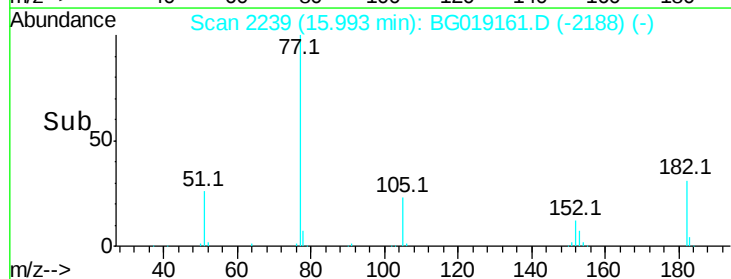
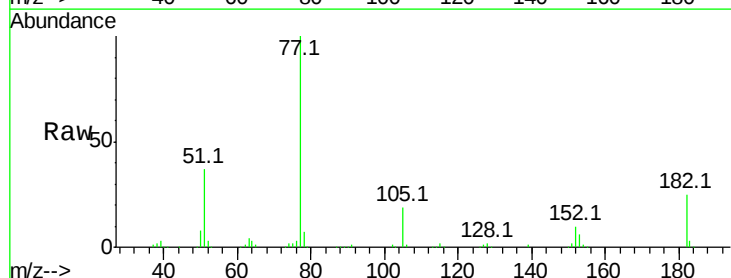
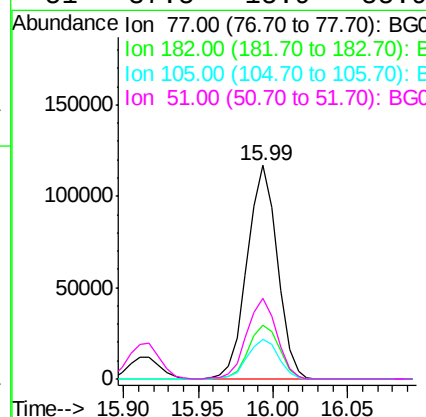
Manual Integrations
APPROVED

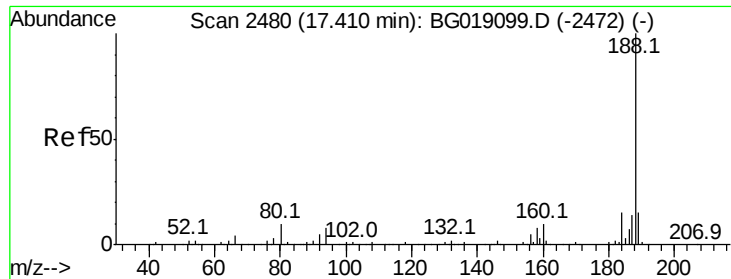
MMdadoda
10/13/2015 1:28:32 PM



#62
Azobenzene
Concen: 39.85 ng
RT: 15.99 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	25.4	4.4	44.4	
105	18.8	0.0	39.1	
51	37.5	15.9	55.9	





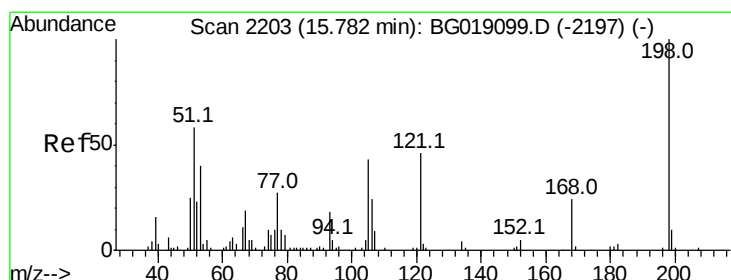
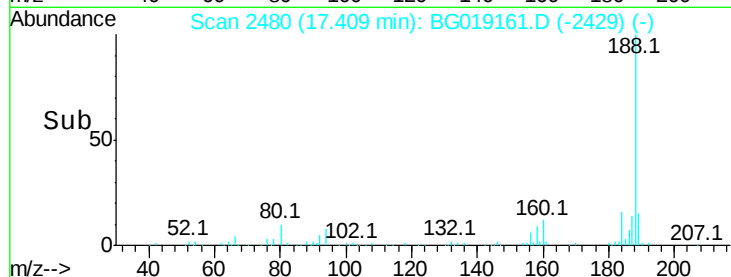
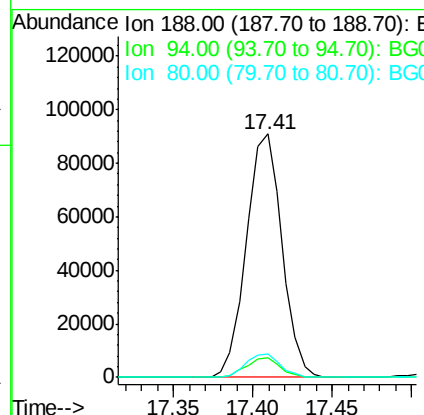
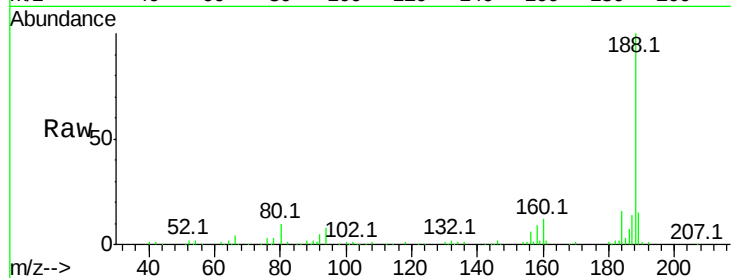
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Instrument :
BNA_G
ClientSampleId :
PB85991BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	141411		
94	7.8	6.4	9.6	
80	9.9	7.6	11.4	

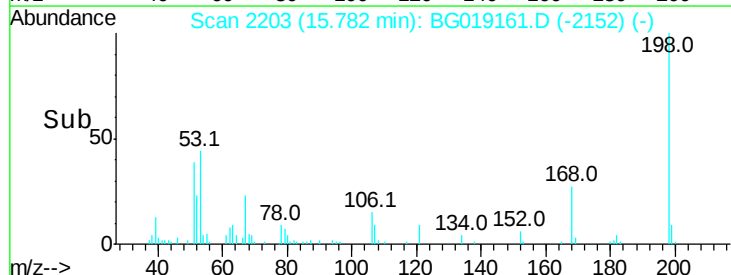
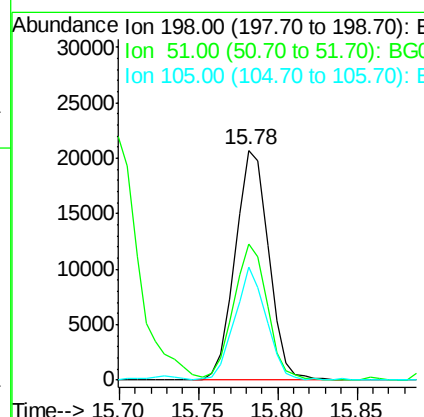
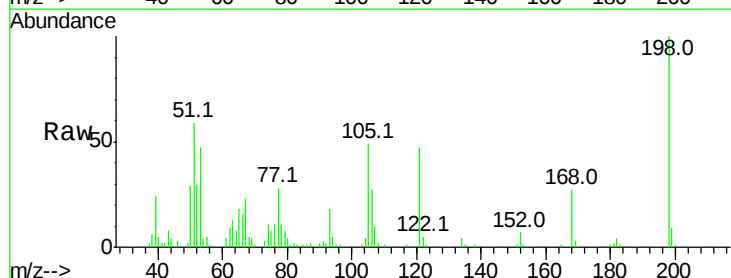
Manual Integrations
APPROVED

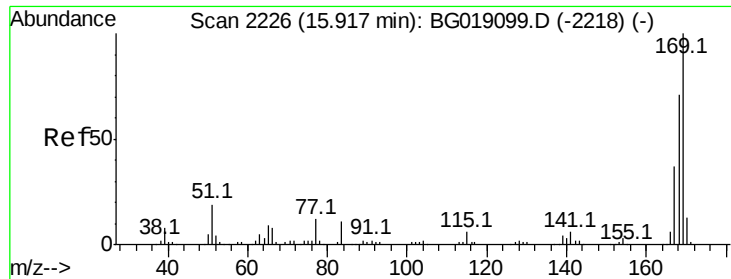
MMdadoda
10/13/2015 1:28:32 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 39.25 ng
RT: 15.78 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	30305		
51	58.9	40.1	80.1	
105	49.2	23.4	63.4	





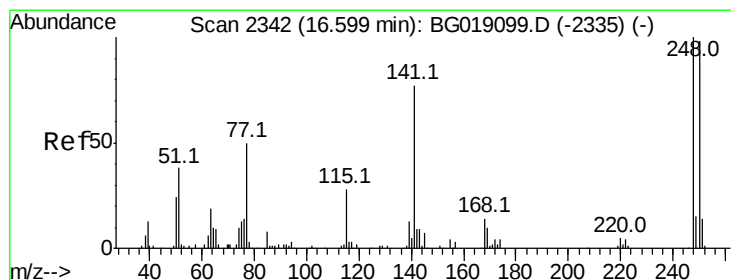
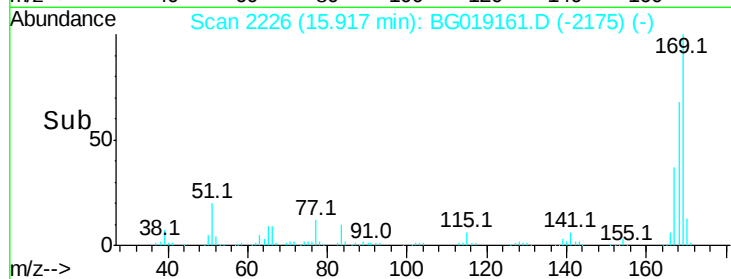
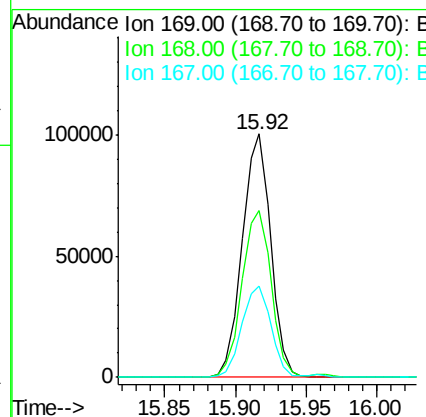
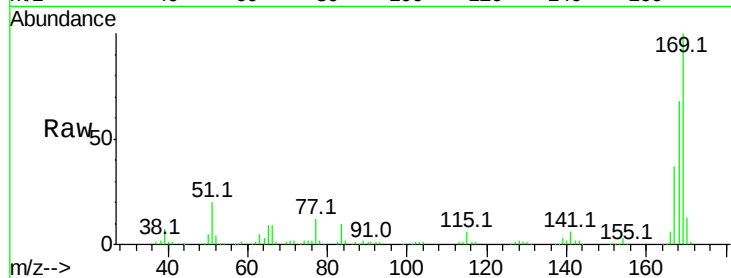
#65
 n-Nitrosodiphenylamine
 Concen: 36.12 ng
 RT: 15.92 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.3	56.6	84.8	
167	37.4	30.0	45.0	

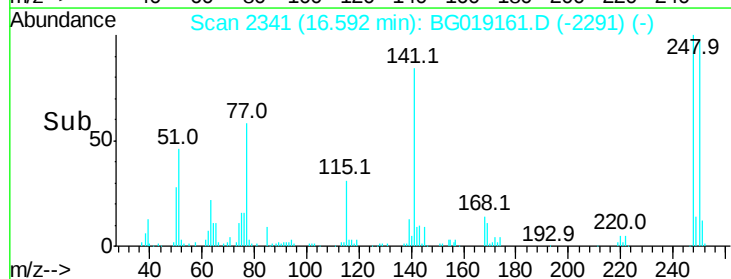
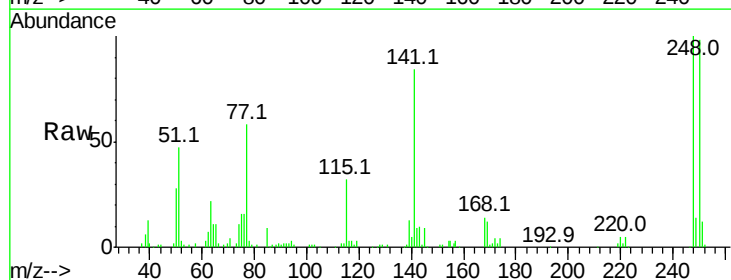
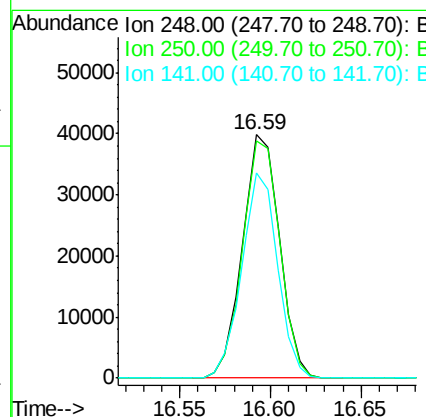
Manual Integrations
 APPROVED

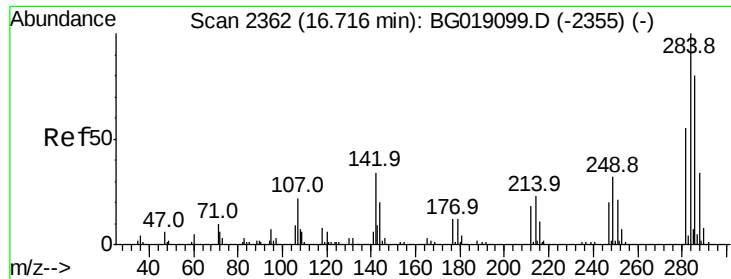
MMdadoda
 10/13/2015 1:28:32 PM



#66
 4-Bromophenyl-phenylether
 Concen: 39.49 ng
 RT: 16.59 min Scan# 2341
 Delta R.T. -0.01 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.5	78.4	117.6	
141	84.1	61.7	92.5	





#67

Hexachlorobenzene

Concen: 38.62 ng

RT: 16.72 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Instrument :

BNA_G

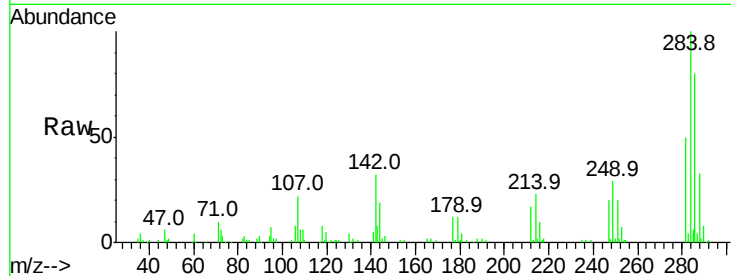
ClientSampleId :

PB85991BS

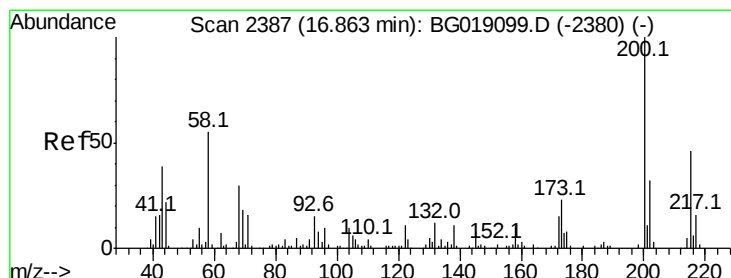
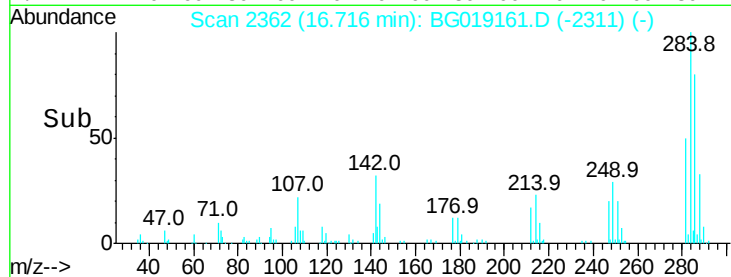
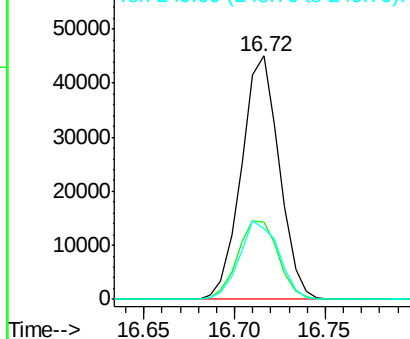
Tot Ion:	284	Resp:	65182
Ion Ratio	Lower	Upper	
284	100		
142	31.8	27.0	40.4
249	29.2	25.4	38.2

Manual Integrations
APPROVED

MMdadoda
10/13/2015 1:28:32 PM



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



#68

Atrazine

Concen: 38.44 ng

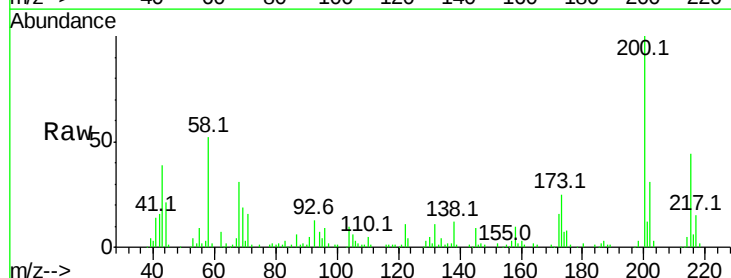
RT: 16.86 min Scan# 2387

Delta R.T. -0.00 min

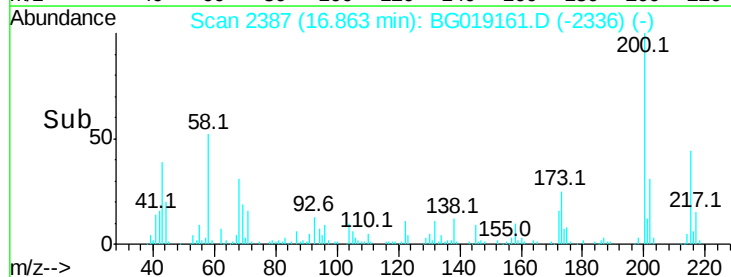
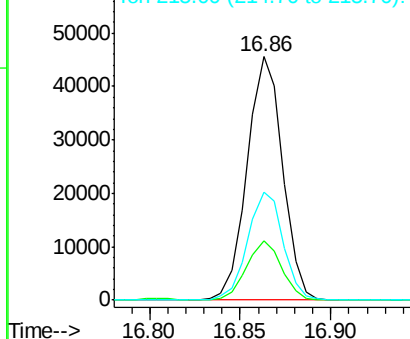
Lab File: BG019161.D

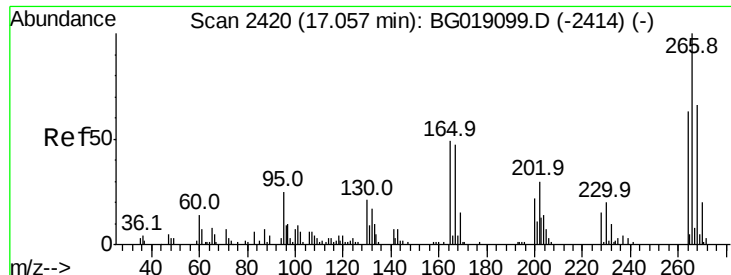
Acq: 12 Oct 2015 14:18

Tgt Ion:	200	Resp:	61859
Ion Ratio	Lower	Upper	
200	100		
173	24.6	3.3	43.3
215	44.4	26.4	66.4



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





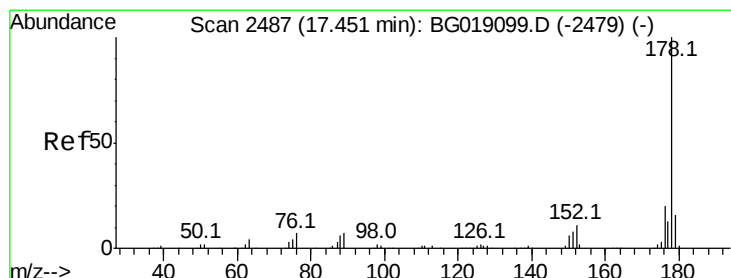
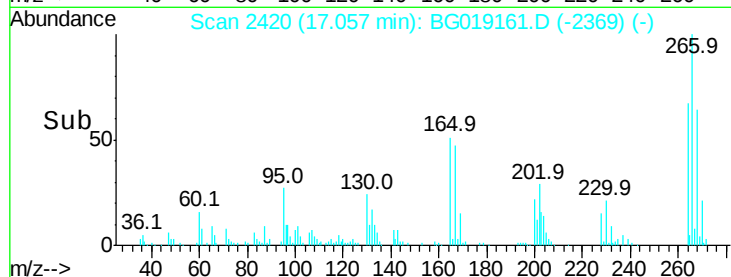
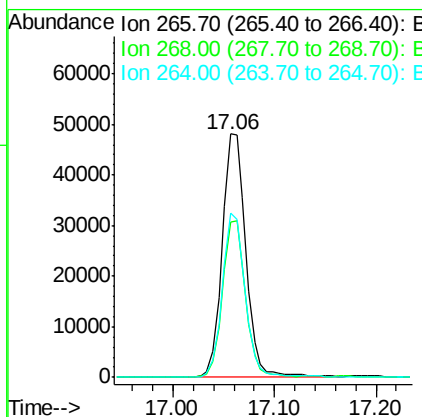
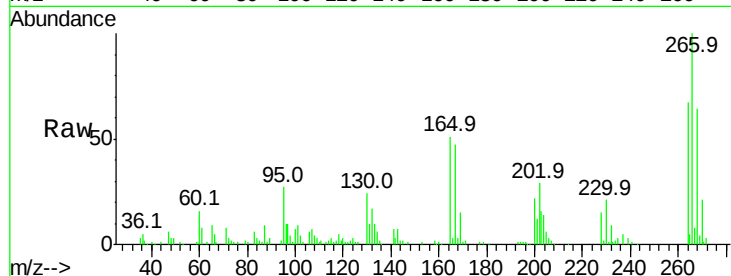
#69
 Pentachlorophenol
 Concen: 88.62 ng
 RT: 17.06 min Scan# 2420
 Delta R.T. -0.00 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	77966		
268	63.5		53.0	79.4
264	67.4		50.1	75.1

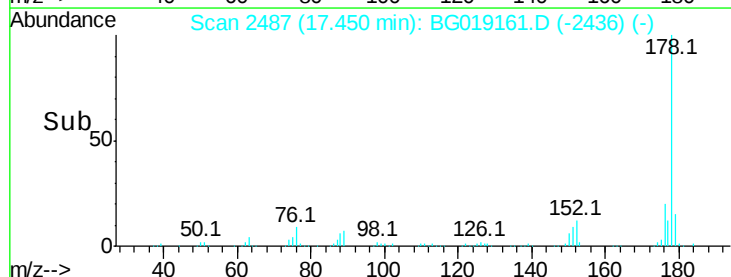
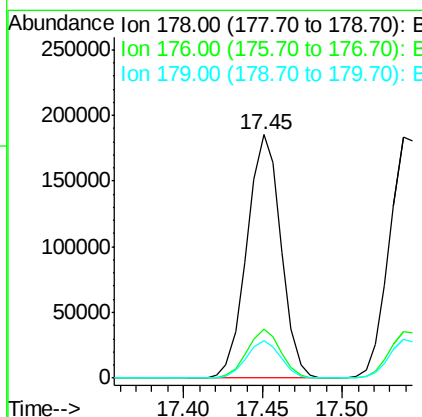
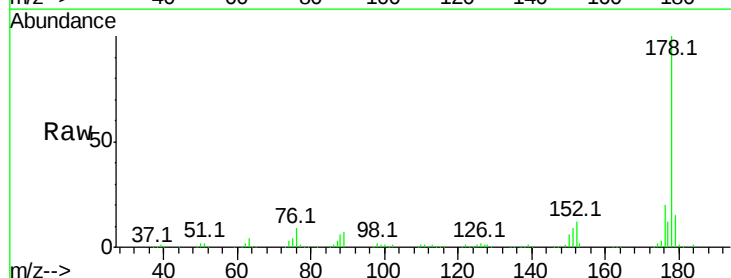
Manual Integrations
 APPROVED

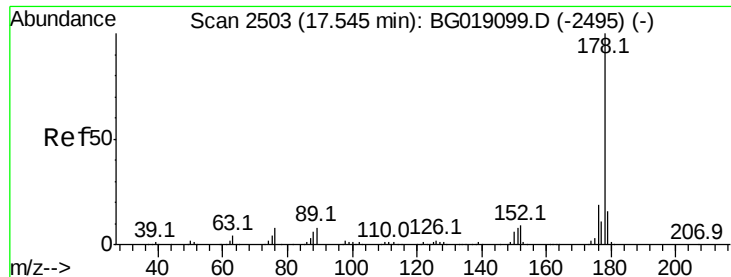
MMdadoda
 10/13/2015 1:28:32 PM



#70
 Phenanthrene
 Concen: 37.89 ng
 RT: 17.45 min Scan# 2487
 Delta R.T. -0.00 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	275751		
176	20.1		16.3	24.5
179	15.5		12.8	19.2





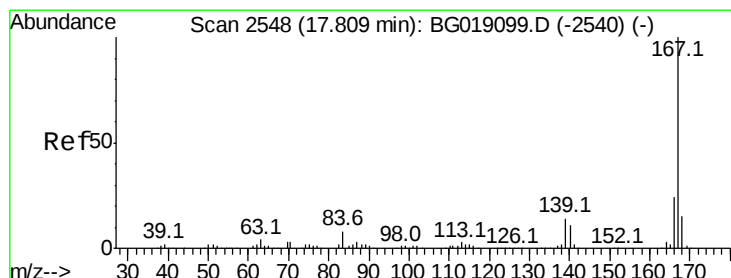
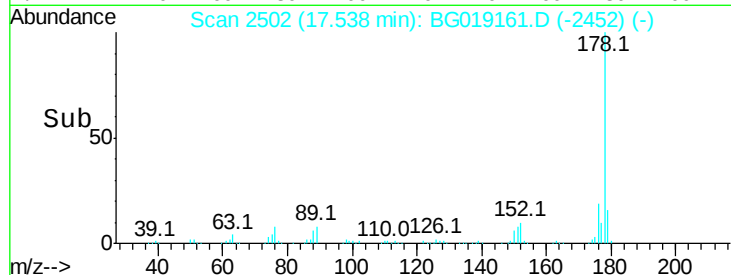
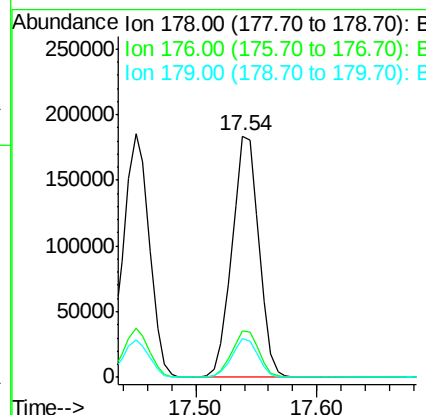
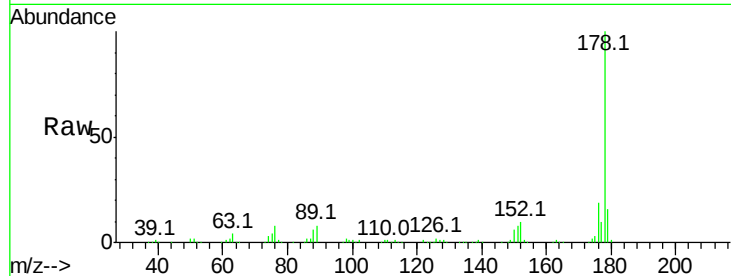
#71
 Anthracene
 Concen: 39.00 ng
 RT: 17.54 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.9	12.9	19.3

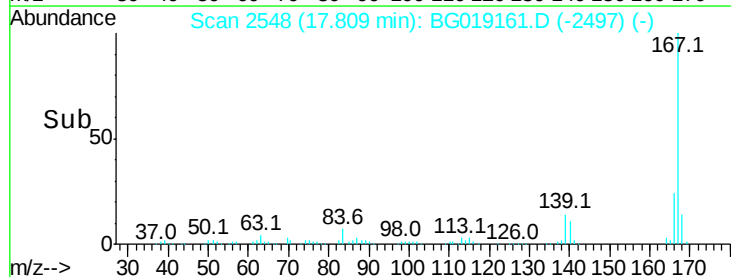
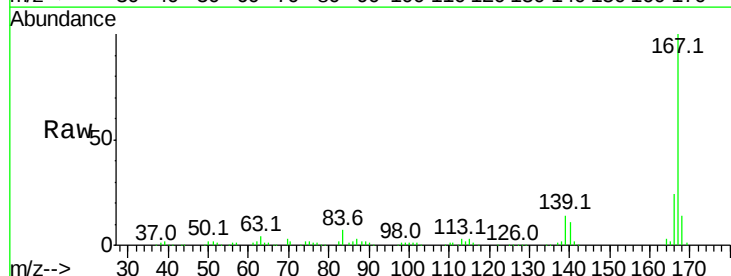
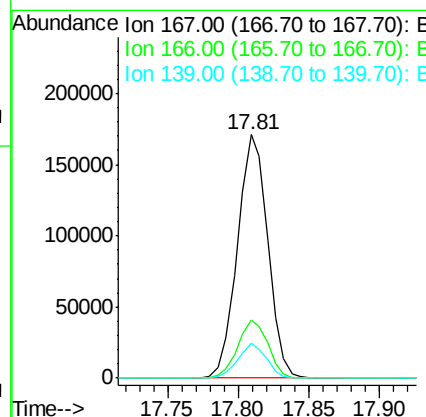
Manual Integrations
 APPROVED

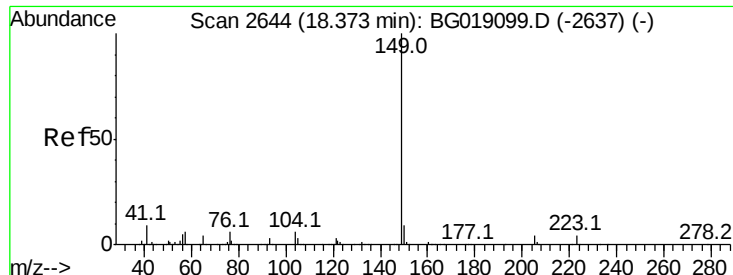
MMdadoda
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#72
 Carbazole
 Concen: 37.57 ng
 RT: 17.81 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.1	28.7
139	14.2	11.2	16.8





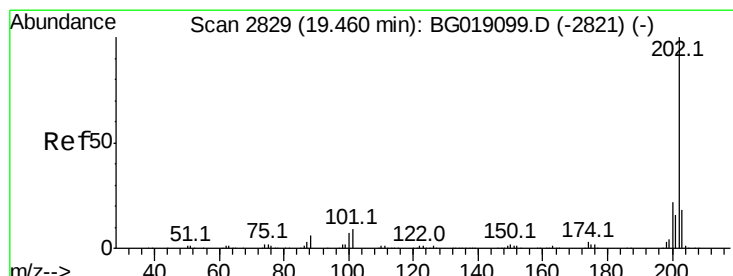
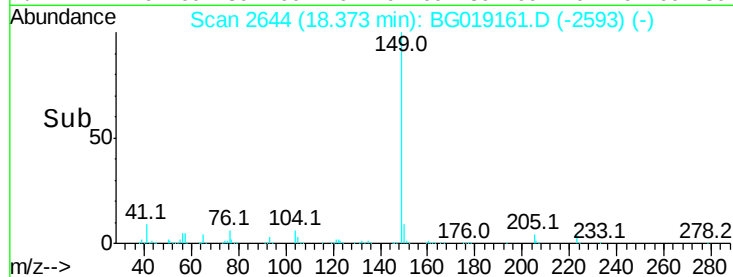
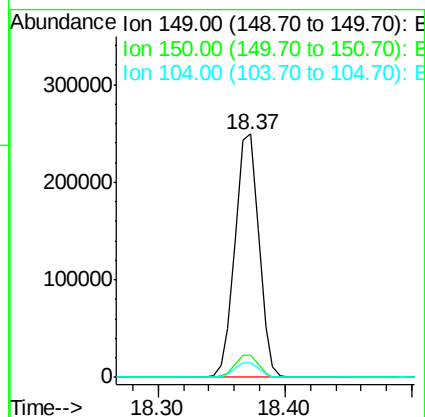
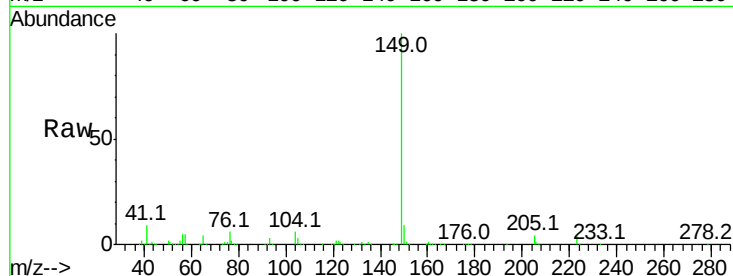
#73
Di-n-butylphthalate
Concen: 38.67 ng
RT: 18.37 min Scan# 2644
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Instrument :
BNA_G
ClientSampleId :
PB85991BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.0	7.5	11.3	
104	6.1	5.0	7.6	

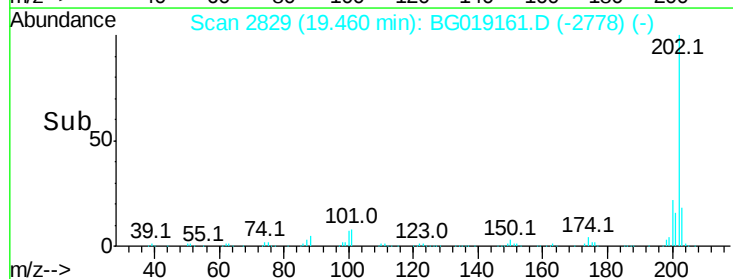
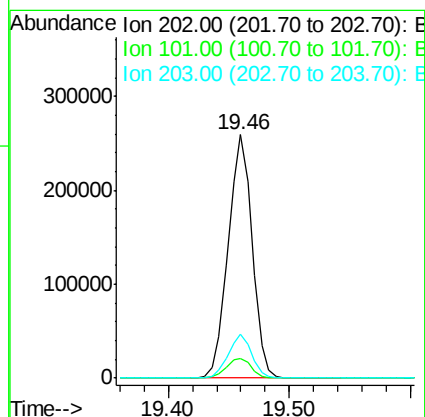
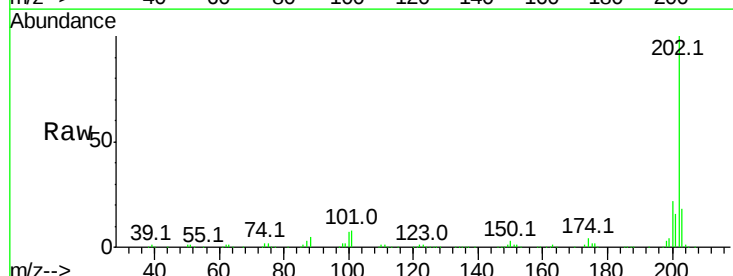
Manual Integrations
APPROVED

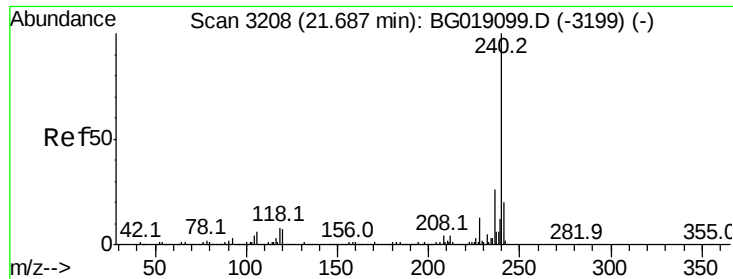
MMdadoda
10/13/2015 1:28:32 PM



#74
Fluoranthene
Concen: 37.94 ng
RT: 19.46 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	8.3	0.0	28.9	
203	18.0	0.0	38.0	





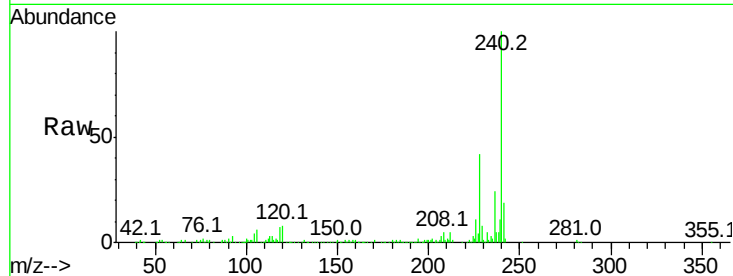
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Instrument :
BNA_G
ClientSampleId :
PB85991BS

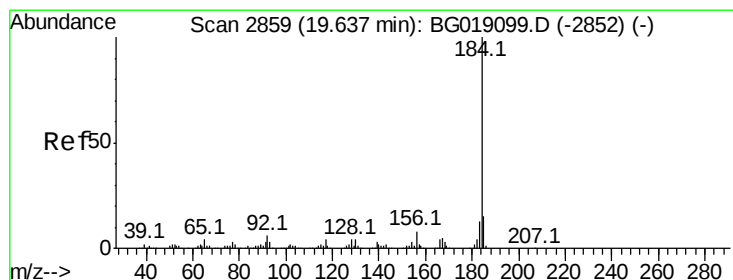
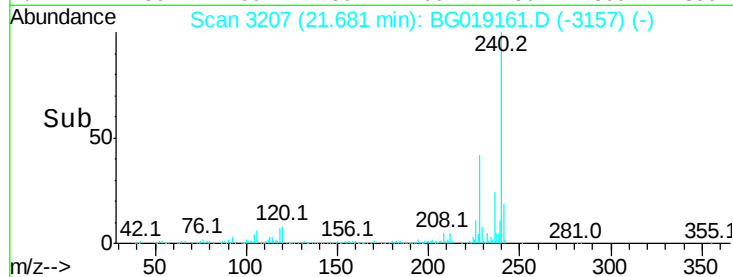
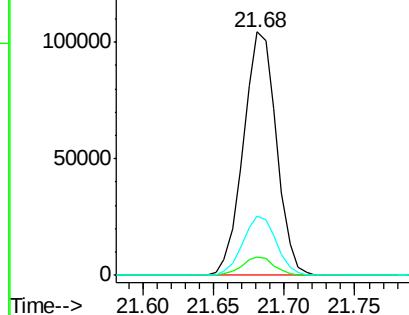
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.8	8.6
236	24.5	21.2	31.8

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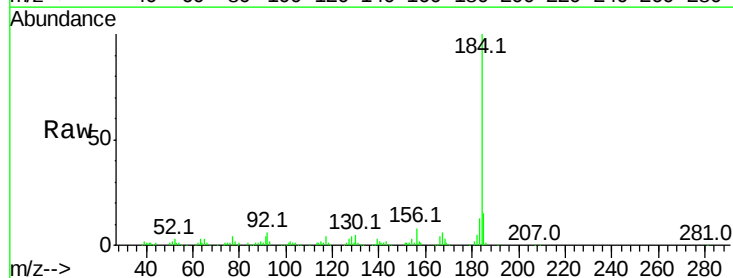


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

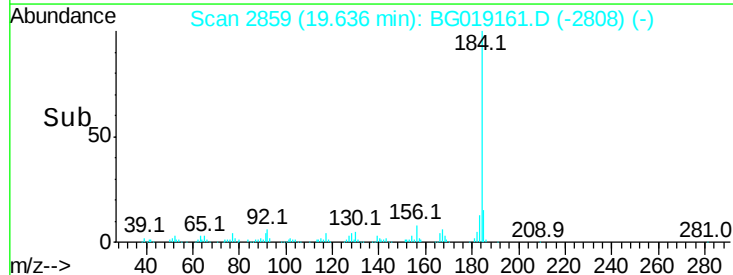
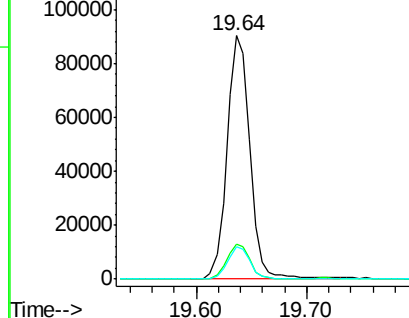


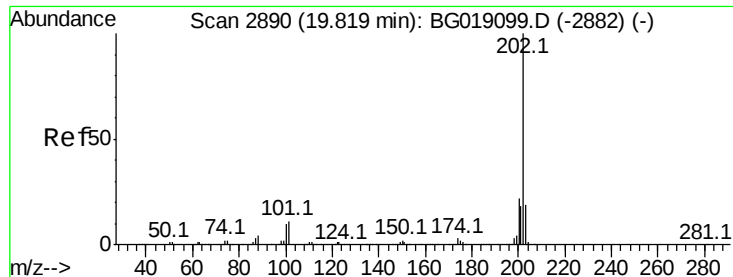
#76
Benzidine
Concen: 29.83 ng
RT: 19.64 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.9	17.9
183	13.3	10.1	15.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.46 ng

RT: 19.82 min Scan# 2891

Delta R.T. 0.01 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Instrument :

BNA_G

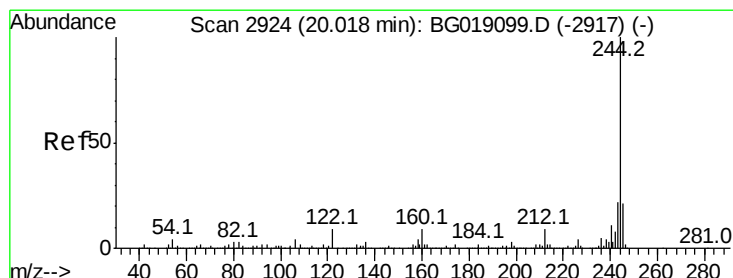
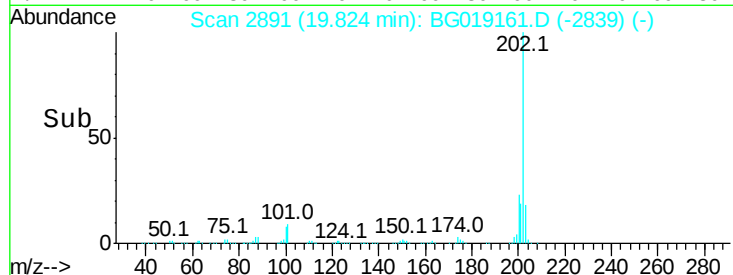
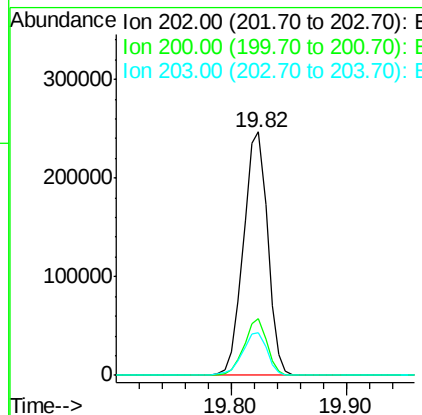
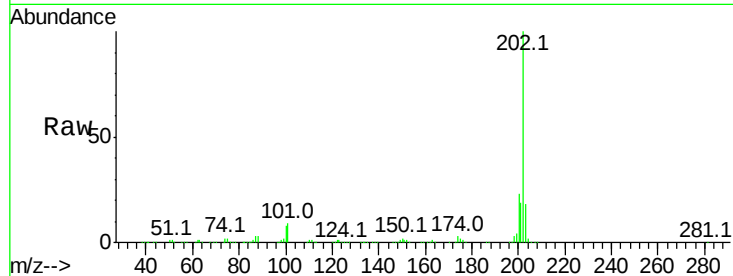
ClientSampleId :

PB85991BS

Tot Ion:	202	Resp:	359389
Ion Ratio	Lower	Upper	
202	100		
200	23.1	17.4	26.2
203	17.6	14.8	22.2

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#78

Terphenyl-d14

Concen: 79.61 ng

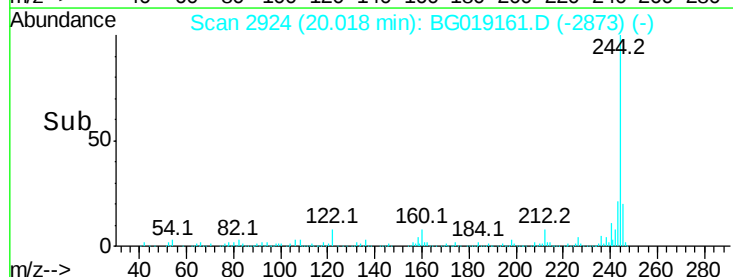
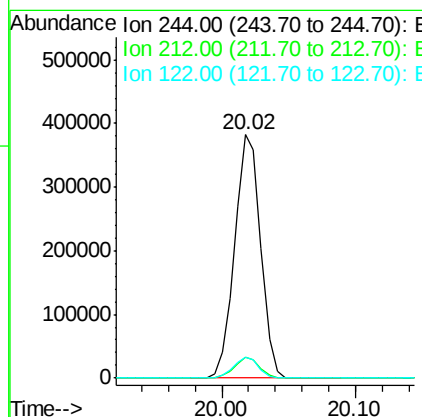
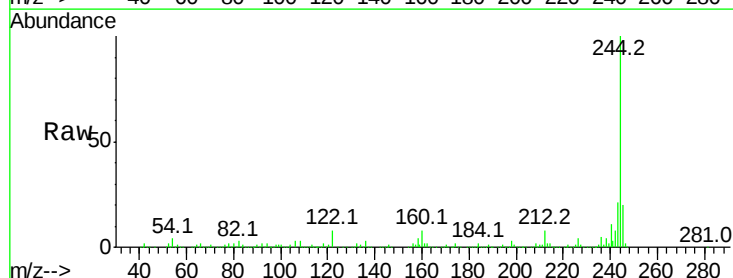
RT: 20.02 min Scan# 2924

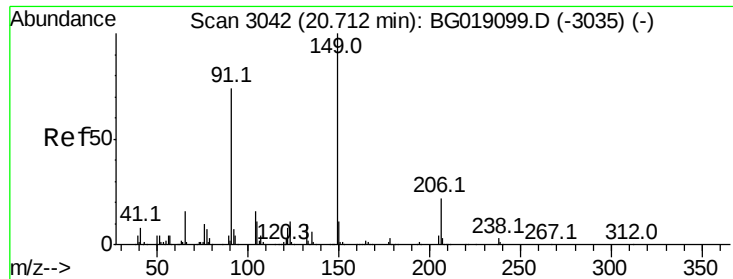
Delta R.T. -0.00 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Tgt Ion:	244	Resp:	516369
Ion Ratio	Lower	Upper	
244	100		
212	8.4	6.8	10.2
122	8.4	7.4	11.2





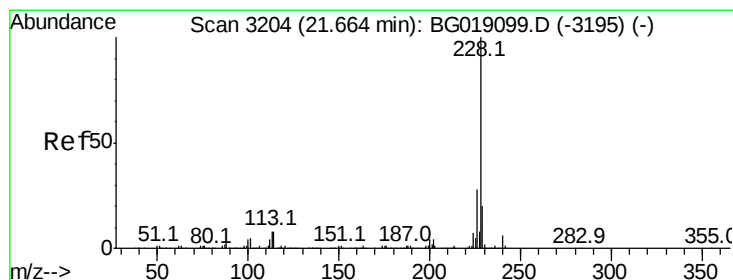
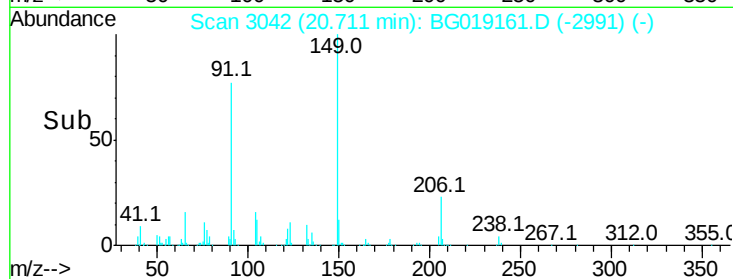
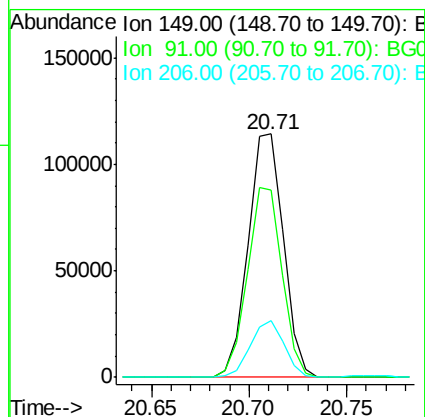
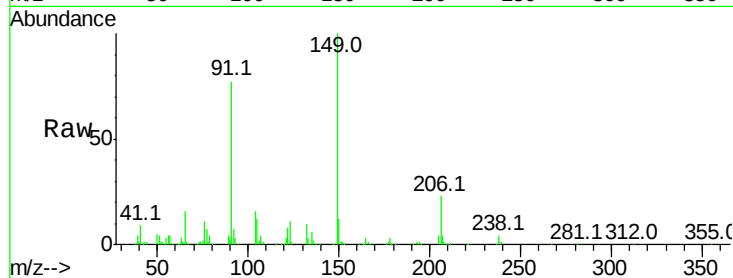
#79
Butylbenzylphthalate
Concen: 36.65 ng
RT: 20.71 min Scan# 3042
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Instrument :
BNA_G
ClientSampleId :
PB85991BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	143277		
91	76.8	59.2	88.8	
206	23.1	17.5	26.3	

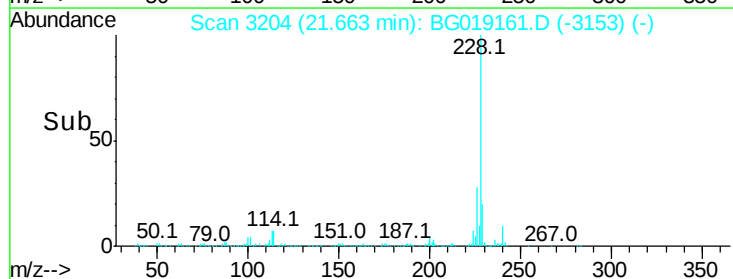
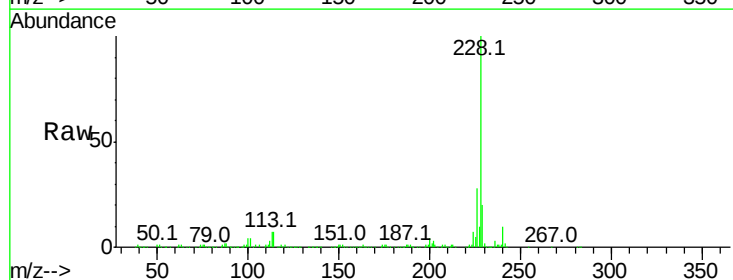
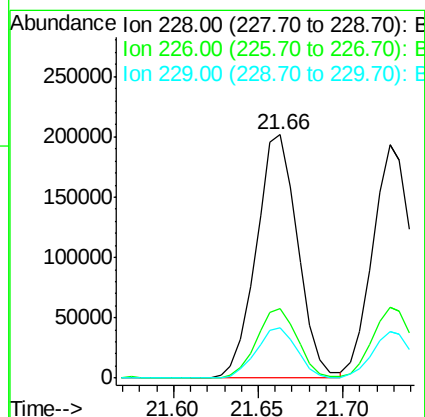
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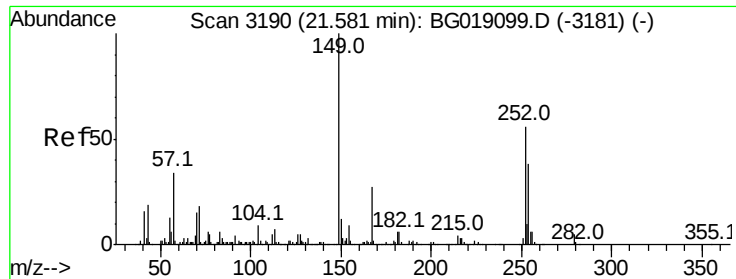
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#80
Benzo(a)anthracene
Concen: 37.48 ng
RT: 21.66 min Scan# 3204
Delta R.T. -0.00 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	344234		
226	28.5	22.4	33.6	
229	20.4	16.2	24.2	





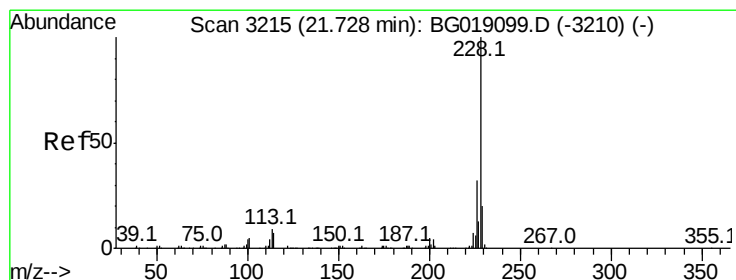
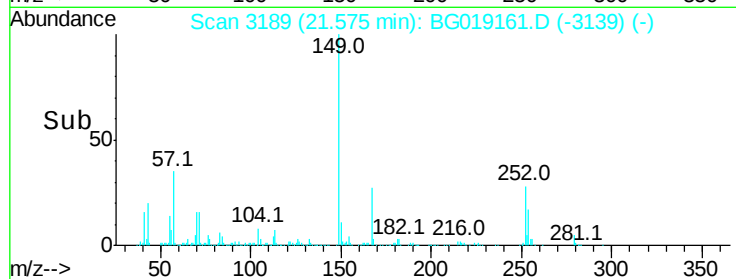
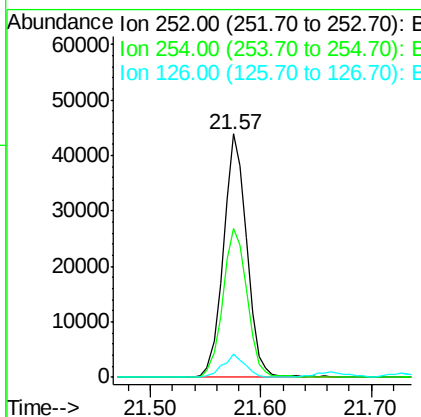
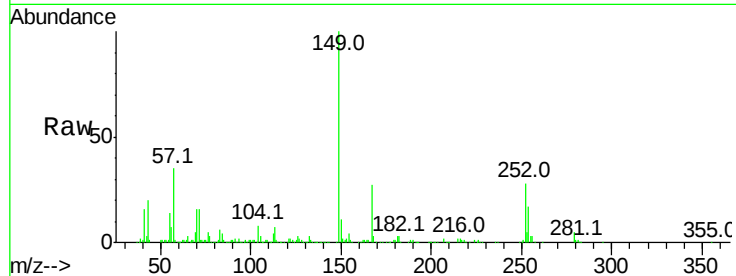
#81
 3,3'-Dichlorobenzidine
 Concen: 19.11 ng
 RT: 21.57 min Scan# 3189
 Delta R.T. -0.01 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	61.3	53.9	80.9
126	9.6	7.0	10.6

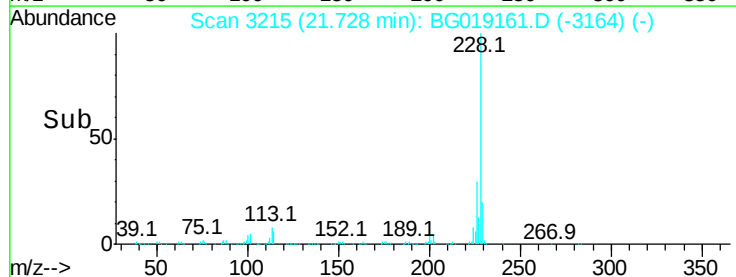
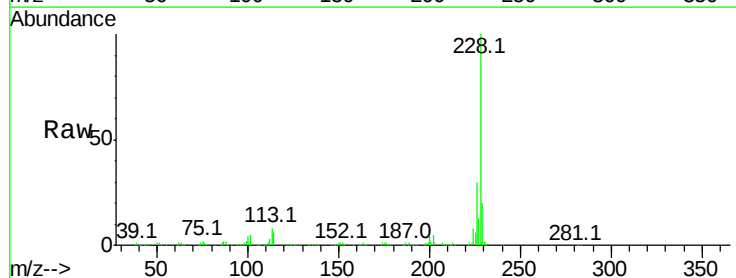
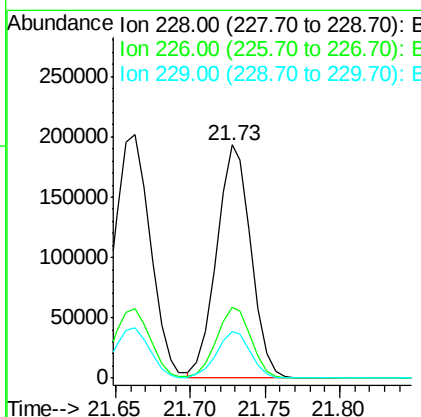
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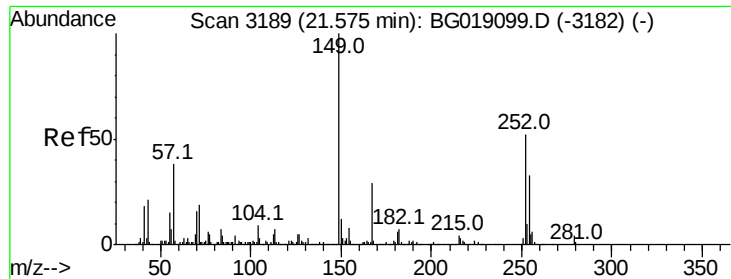
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#82
 Chrysene
 Concen: 35.44 ng
 RT: 21.73 min Scan# 3215
 Delta R.T. -0.00 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.4	25.2	37.8
229	20.2	16.3	24.5





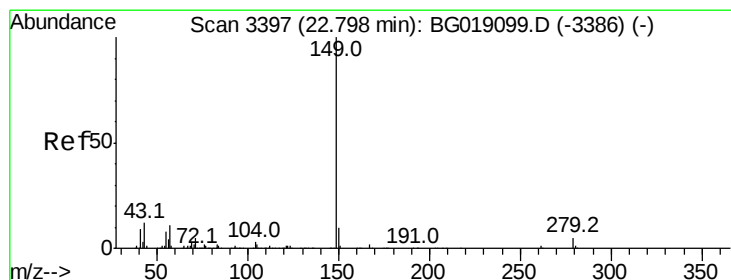
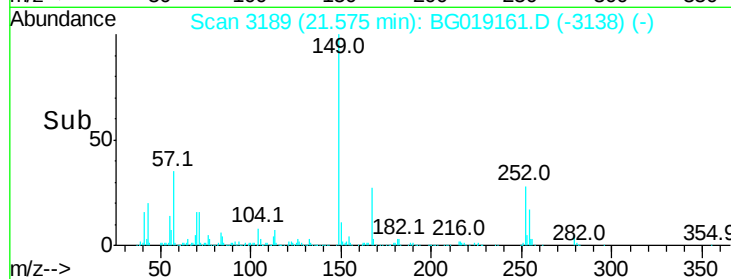
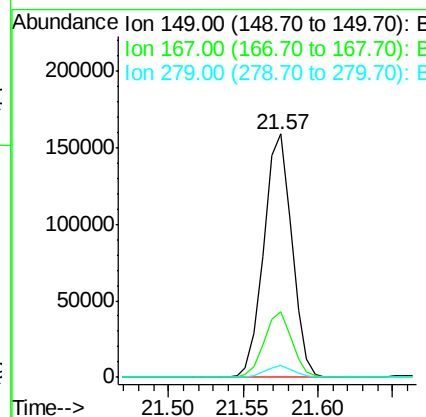
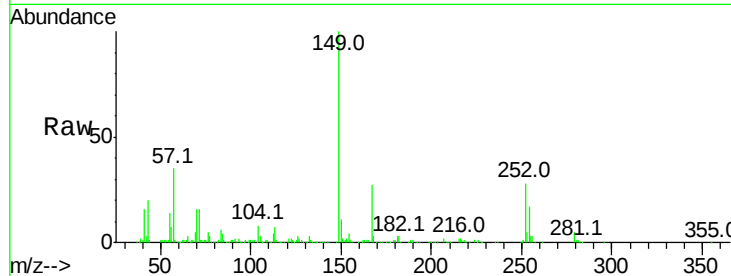
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.79 ng
 RT: 21.57 min Scan# 3189
 Delta R.T. -0.00 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	205212		
167	26.9	22.8	34.2	
279	4.8	3.6	5.4	

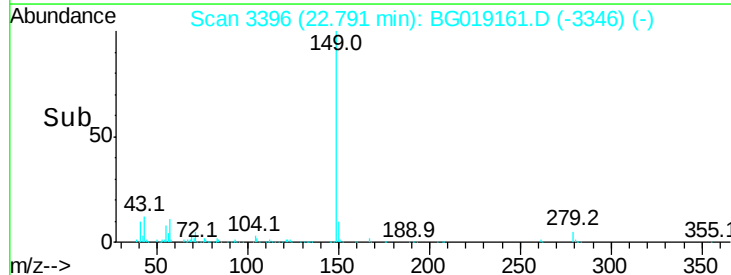
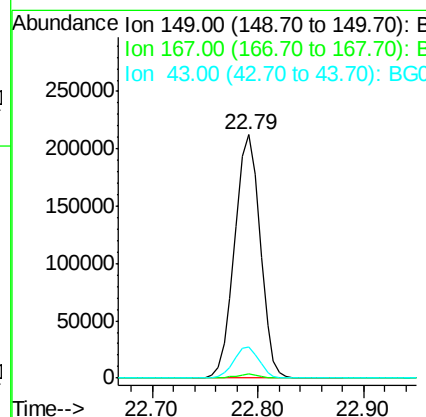
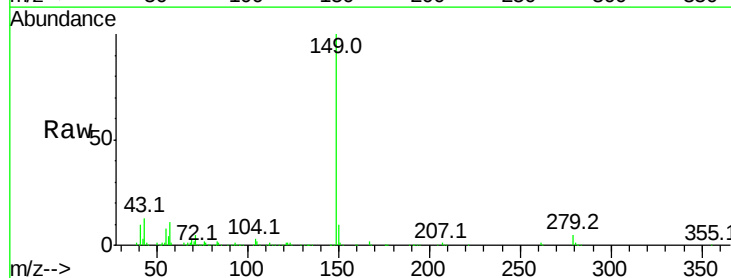
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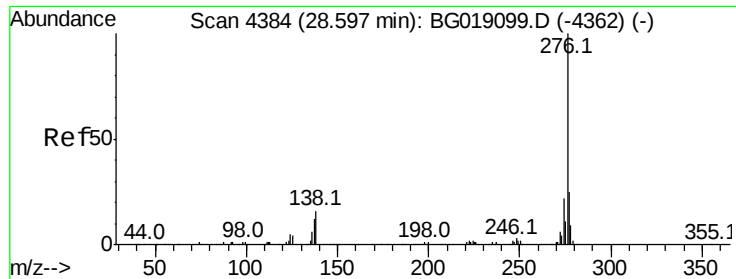
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#84
 Di-n-octyl phthalate
 Concen: 37.75 ng
 RT: 22.79 min Scan# 3396
 Delta R.T. -0.01 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	354107		
167	1.6	1.3	1.9	
43	13.0	10.1	15.1	





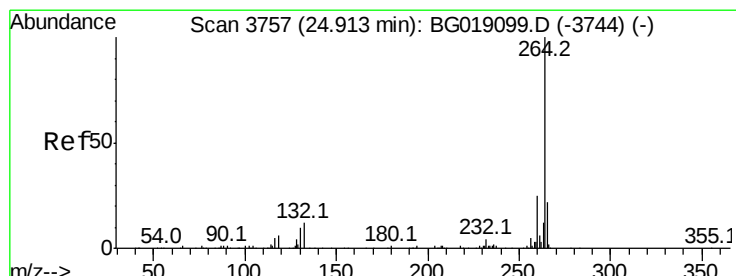
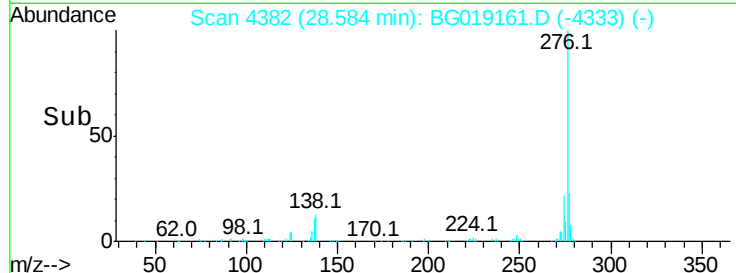
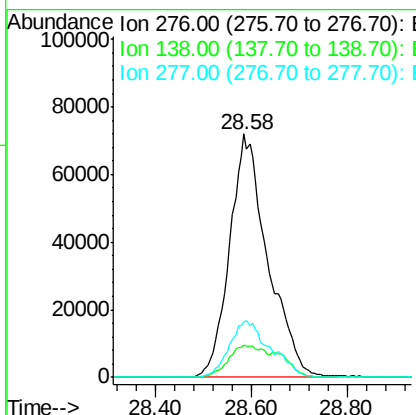
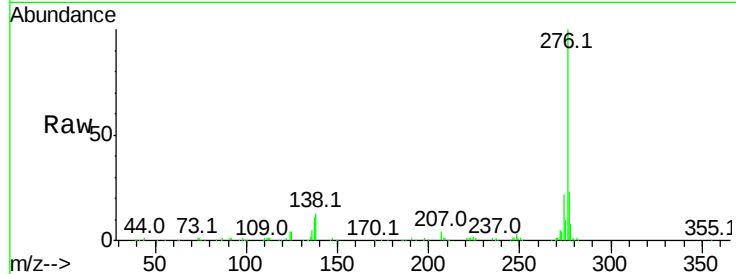
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.42 ng
RT: 28.58 min Scan# 4382
Delta R.T. -0.01 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Instrument :
BNA_G
ClientSampleId :
PB85991BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	396944		
138	12.6		10.2	15.4
277	25.1		20.2	30.4

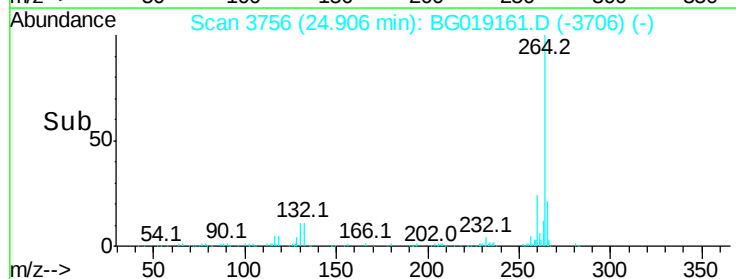
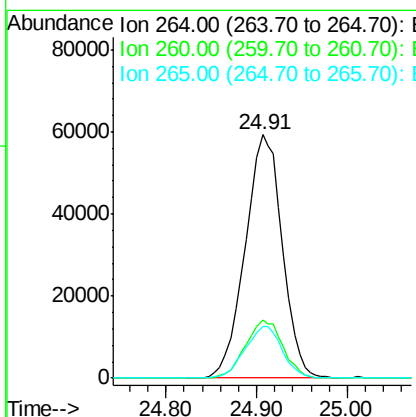
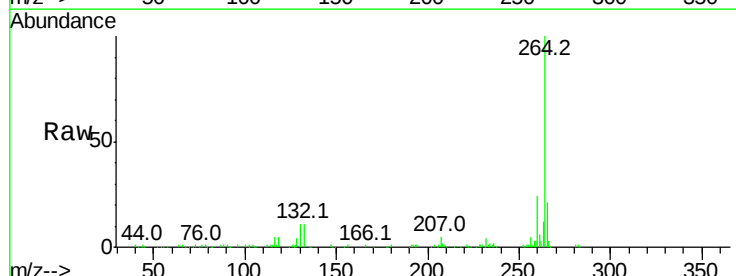
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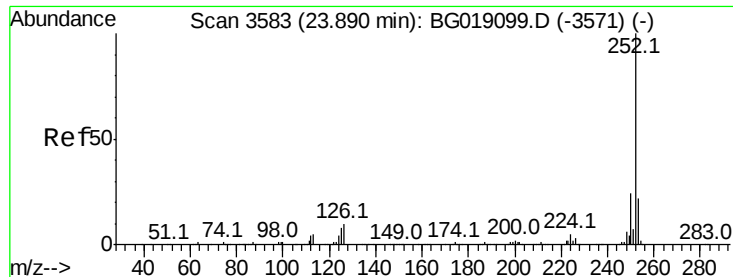
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#86
Perylene-d12
Concen: 20.00 ng
RT: 24.91 min Scan# 3756
Delta R.T. -0.01 min
Lab File: BG019161.D
Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	168071		
260	23.7		20.1	30.1
265	21.1		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.94 ng

RT: 23.88 min Scan# 3582

Delta R.T. -0.01 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Instrument :

BNA_G

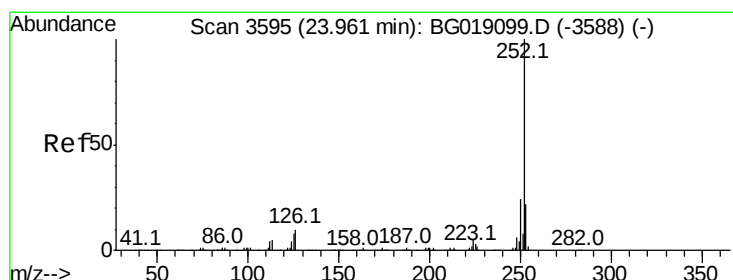
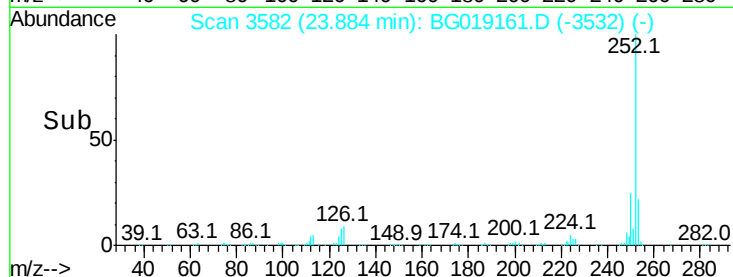
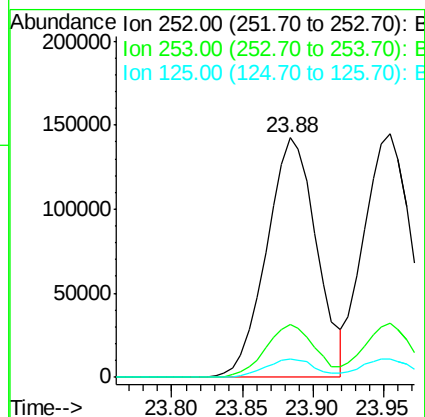
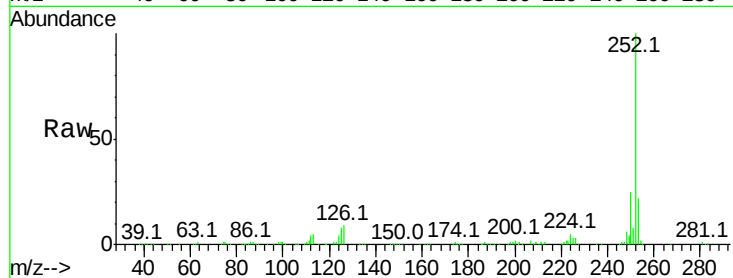
ClientSampleId :

PB85991BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	7.6	6.6	9.8

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#88

Benzo(k)fluoranthene

Concen: 37.66 ng

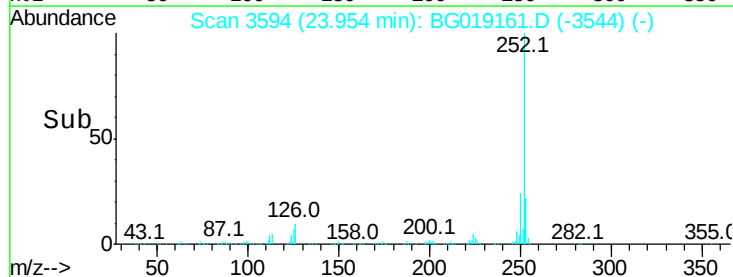
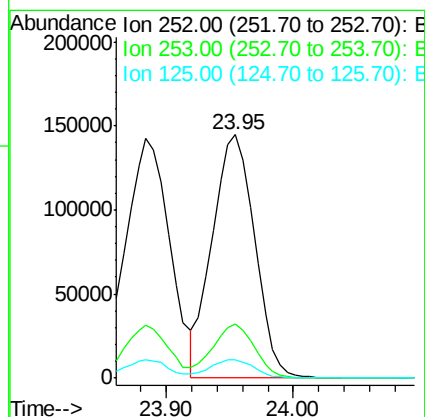
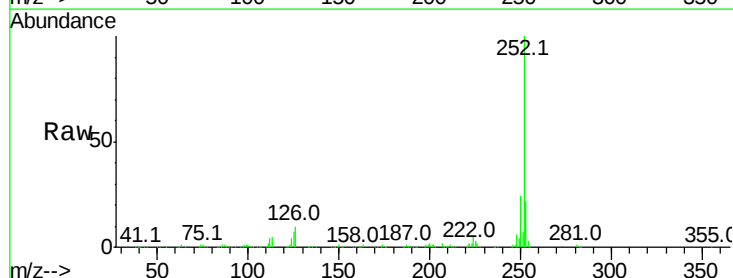
RT: 23.95 min Scan# 3594

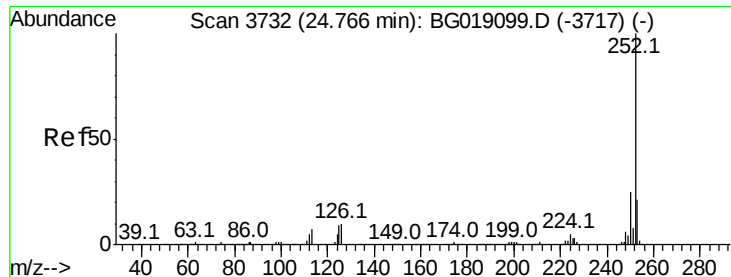
Delta R.T. -0.01 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.4
125	7.3	6.4	9.6





#89

Benzo(a)pyrene

Concen: 39.31 ng

RT: 24.76 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Instrument :

BNA_G

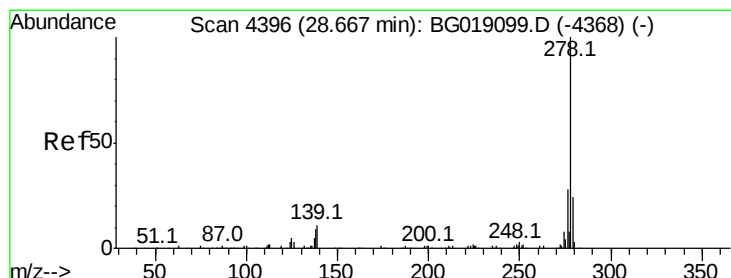
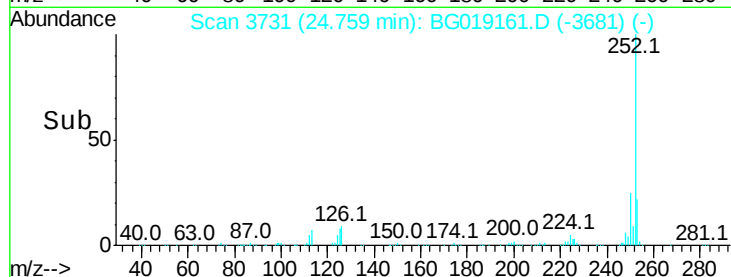
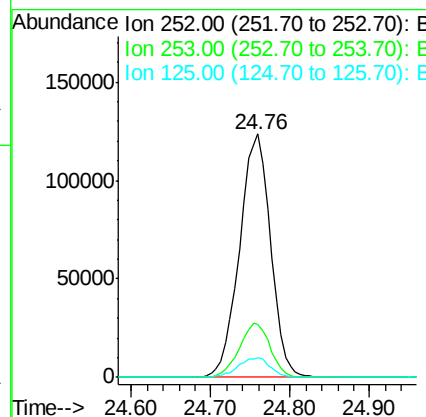
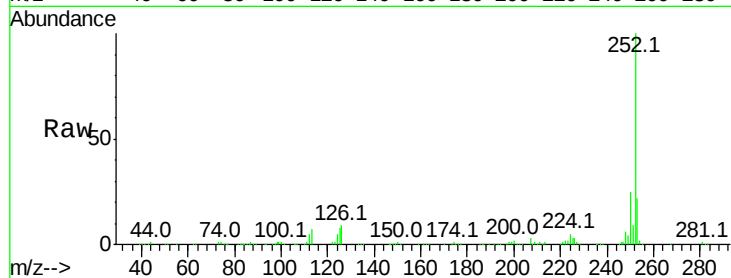
ClientSampleId :

PB85991BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	335549		
253	21.6	17.0	25.4	
125	8.3	7.2	10.8	

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#90

Dibenzo(a,h)anthracene

Concen: 37.53 ng

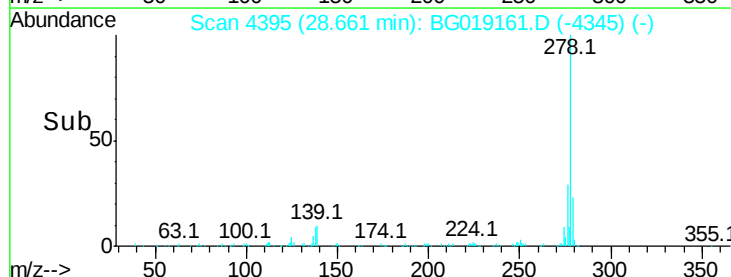
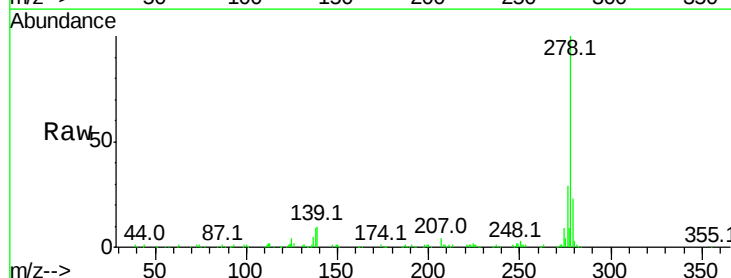
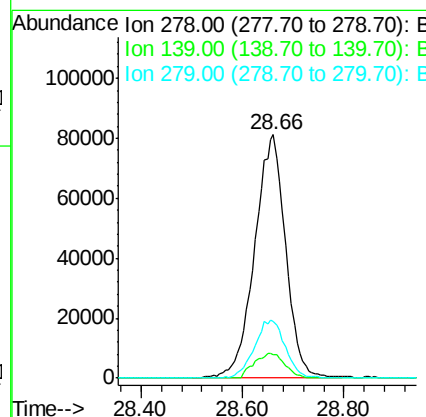
RT: 28.66 min Scan# 4395

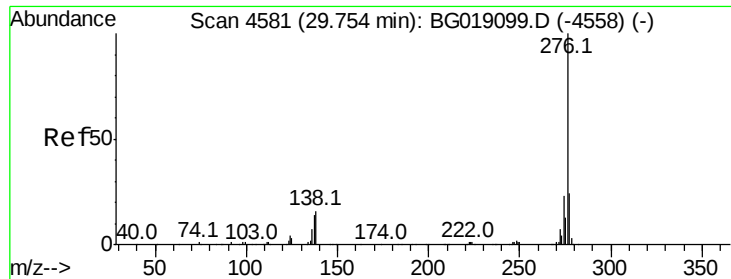
Delta R.T. -0.01 min

Lab File: BG019161.D

Acq: 12 Oct 2015 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	344009		
139	9.7	8.6	12.8	
279	23.4	19.5	29.3	





#91
 Benzo(a,h,i)perylene
 Concen: 37.99 ng
 RT: 29.75 min Scan# 4580
 Delta R.T. -0.01 min
 Lab File: BG019161.D
 Acq: 12 Oct 2015 14:18

Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

Tot Ion:	276	Resp:	323872
Ion Ratio	Lower	Upper	
276	100		
277	24.3	19.5	29.3
138	13.4	13.0	19.6

Manual Integrations
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