

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
 Data File : BG019108.D
 Acq On : 10 Oct 2015 9:13
 Operator : UM/NP
 Sample : PB85979BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BS

Manual Integrations
 APPROVED

MMdadoda
 10/12/2015 7:00:55 PM

Quant Time: Oct 12 05:31:47 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	18594	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	78617	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	56110	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	148371	20.00	ng	0.00
75) Chrysene-d12	21.68	240	184825	20.00	ng	0.00
86) Perylene-d12	24.91	264	175870	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	76711	84.00	ng	0.00
7) Phenol-d6	7.19	99	114131	81.35	ng	0.00
23) Nitrobenzene-d5	9.19	82	110083	77.37	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	60396	78.99	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	270610	74.16	ng	0.00
78) Terphenyl-d14	20.02	244	543499	77.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	11546	30.06	ng	# 91
3) Pyridine	3.90	79	35476	30.21	ng	96
4) n-Nitrosodimethylamine	3.81	42	21172	31.80	ng	100
6) Aniline	7.36	93	23294	12.26	ng	97
8) 2-Chlorophenol	7.60	128	43881	38.29	ng	99
9) Benzaldehyde	7.17	77	33892	38.35	ng	99
10) Phenol	7.22	94	58174	39.82	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	39309	35.61	ng	97
12) 1,3-Dichlorobenzene	7.92	146	43565	34.83	ng	96
13) 1,4-Dichlorobenzene	8.07	146	45418	35.48	ng	96
14) 1,2-Dichlorobenzene	8.39	146	43840	35.39	ng	95
15) Benzyl Alcohol	8.27	79	46011	36.71	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	85012	35.96	ng	97
17) 2-Methylphenol	8.47	107	40687	39.00	ng	96
18) Hexachloroethane	9.12	117	16737	34.31	ng	99
19) n-Nitroso-di-n-propylamine	8.83	70	34907	31.36	ng	# 97
20) 3+4-Methylphenols	8.80	107	56768	37.78	ng	95
22) Acetophenone	8.85	105	67383	36.66	ng	# 96
24) Nitrobenzene	9.24	77	54818	36.31	ng	96
25) Isophorone	9.75	82	99167	34.26	ng	96
26) 2-Nitrophenol	9.95	139	23762	36.92	ng	98
27) 2,4-Dimethylphenol	10.01	122	44799	39.83	ng	97
28) bis(2-Chloroethoxy)methane	10.24	93	56020	36.27	ng	97
29) 2,4-Dichlorophenol	10.48	162	48189	40.87	ng	99
30) 1,2,4-Trichlorobenzene	10.70	180	44960	35.52	ng	95
31) Naphthalene	10.89	128	138636	36.64	ng	98
32) Benzoic acid	10.13	122	20099	31.89	ng	91
33) 4-Chloroaniline	10.99	127	15728	8.94	ng	# 91
34) Hexachlorobutadiene	11.18	225	31403	36.19	ng	94
35) Caprolactam	11.75	113	17473m	40.23	ng	
36) 4-Chloro-3-methylphenol	12.12	107	59409	39.64	ng	95
37) 2-Methylnaphthalene	12.49	142	107309	36.50	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	57923	35.92	ng	98
40) Hexachlorocyclopentadiene	12.84	237	72576	86.52	ng	96

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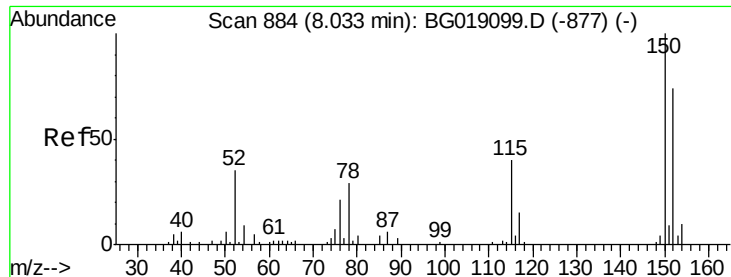
Manual Integrations
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 10/12/2015 7:00:55 PM

Quant Time: Oct 12 05:31:47 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
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	41183	36.68	ng	96
43) 2,4,5-Trichlorophenol	13.17	196	47327	39.67	ng	98
45) 1,1'-Biphenyl	13.50	154	145693	35.75	ng	98
46) 2-Chloronaphthalene	13.54	162	111949	35.71	ng	99
47) 2-Nitroaniline	13.74	65	45529	36.17	ng	96
48) Acenaphthylene	14.38	152	197190	35.66	ng	98
49) Dimethylphthalate	14.11	163	159623	36.02	ng	99
50) 2,6-Dinitrotoluene	14.23	165	35229	37.21	ng	96
51) Acenaphthene	14.72	154	115904	34.86	ng	96
52) 3-Nitroaniline	14.55	138	12140	11.62	ng	86
53) 2,4-Dinitrophenol	14.77	184	40058	73.99	ng	87
54) Dibenzofuran	15.06	168	186875	38.04	ng	97
55) 4-Nitrophenol	14.87	139	64545	81.64	ng	98
56) 2,4-Dinitrotoluene	15.02	165	54222	39.39	ng	94
57) Fluorene	15.71	166	159848	37.51	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.28	232	44922	39.77	ng	99
59) Diethylphthalate	15.48	149	169000	36.71	ng	100
60) 4-Chlorophenyl-phenylether	15.70	204	79005	36.38	ng	98
61) 4-Nitroaniline	15.72	138	39061	34.41	ng	92
62) Azobenzene	15.99	77	163591	38.32	ng	99
64) 4,6-Dinitro-2-methylphenol	15.78	198	30346	37.46	ng	98
65) n-Nitrosodiphenylamine	15.91	169	144635	35.27	ng	99
66) 4-Bromophenyl-phenylether	16.59	248	55462	36.78	ng	95
67) Hexachlorobenzene	16.72	284	65930	37.23	ng	95
68) Atrazine	16.86	200	65869	39.01	ng	99
69) Pentachlorophenol	17.06	266	73041	79.13	ng	99
70) Phenanthrene	17.45	178	282650	37.02	ng	99
71) Anthracene	17.54	178	287144	37.59	ng	99
72) Carbazole	17.81	167	272971	38.18	ng	99
73) Di-n-butylphthalate	18.37	149	331738	37.88	ng	99
74) Fluoranthene	19.46	202	375451	38.22	ng	100
76) Benzidine	19.64	184	86997	18.35	ng	98
77) Pyrene	19.82	202	387836	37.47	ng	100
79) Butylbenzylphthalate	20.71	149	154850	36.72	ng	99
80) Benzo(a)anthracene	21.66	228	365333	36.87	ng	100
81) 3,3'-Dichlorobenzidine	21.58	252	45133	12.32	ng	97
82) Chrysene	21.73	228	330615	35.16	ng	99
83) Bis(2-ethylhexyl)phthalate	21.58	149	213971	36.53	ng	98
84) Di-n-octyl phthalate	22.79	149	360735	35.65	ng	100
85) Indeno(1,2,3-cd)pyrene	28.59	276	408699	35.71	ng	99
87) Benzo(b)fluoranthene	23.88	252	367066	38.82	ng	100
88) Benzo(k)fluoranthene	23.96	252	338891	36.30	ng	98
89) Benzo(a)pyrene	24.75	252	346480	38.79	ng	99
90) Dibenzo(a,h)anthracene	28.65	278	359217	37.45	ng	98
91) Benzo(g,h,i)perylene	29.74	276	334385	37.49	ng	99

(#) = 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

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Instrument :

BNA_G

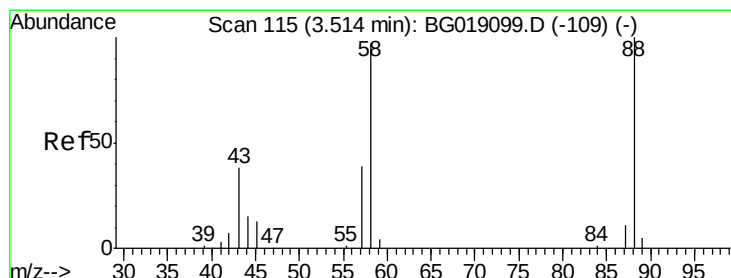
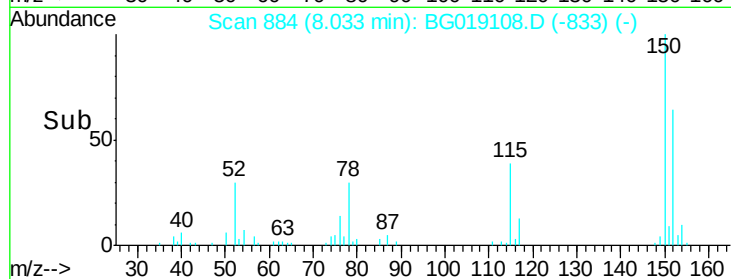
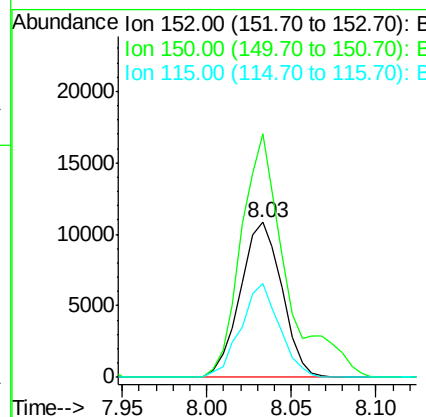
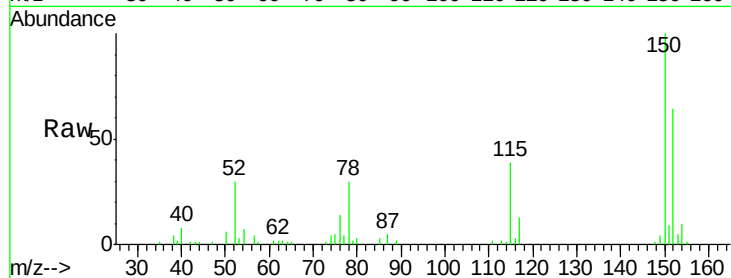
ClientSampleId :

PB85979BS

Tgt Ion:	152	Resp:	18594
Ion Ratio	Lower	Upper	
152	100		
150	157.3	108.2	162.2
115	60.8	43.2	64.8

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#2

1,4-Dioxane

Concen: 30.06 ng

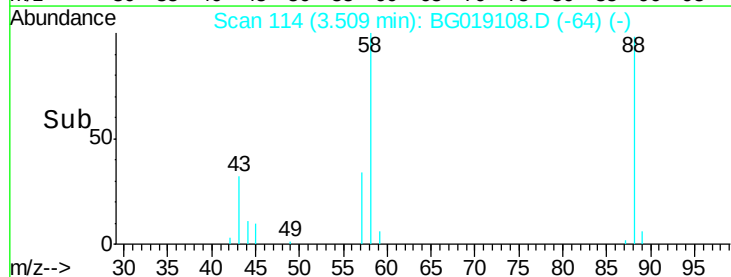
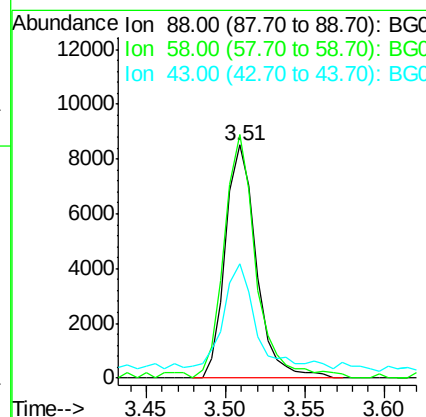
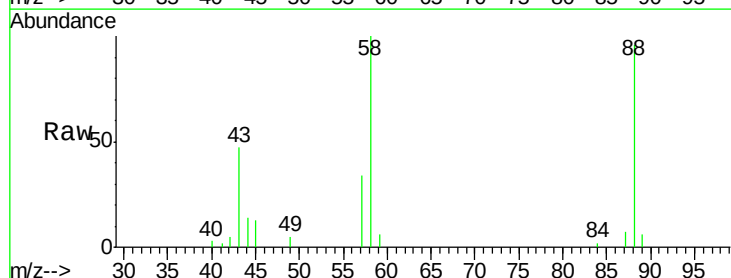
RT: 3.51 min Scan# 114

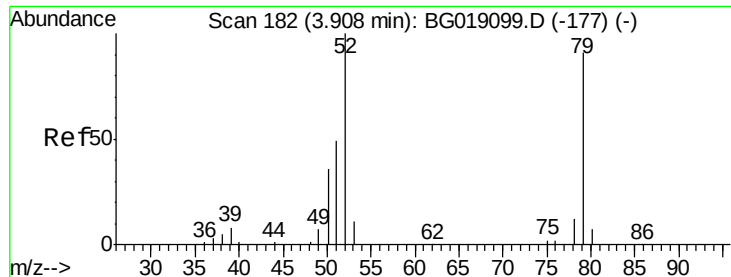
Delta R.T. -0.01 min

Lab File: BG019108.D

Acq: 10 Oct 2015 9:13

Tgt Ion:	88	Resp:	11546
Ion Ratio	Lower	Upper	
88	100		
58	108.0	81.1	121.7
43	47.6	31.0	46.6#





#3

Pyridine

Concen: 30.21 ng

RT: 3.90 min Scan# 181

Delta R.T. -0.01 min

Lab File: BG019108.D

Acq: 10 Oct 2015 9:13

Instrument :

BNA_G

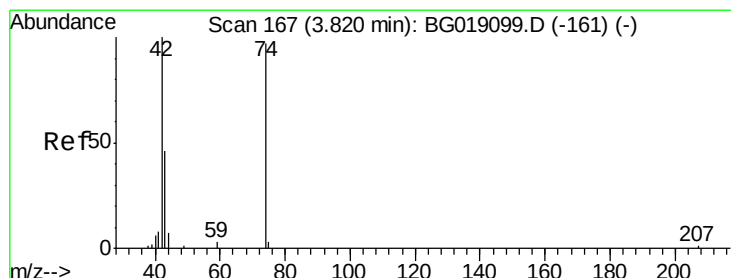
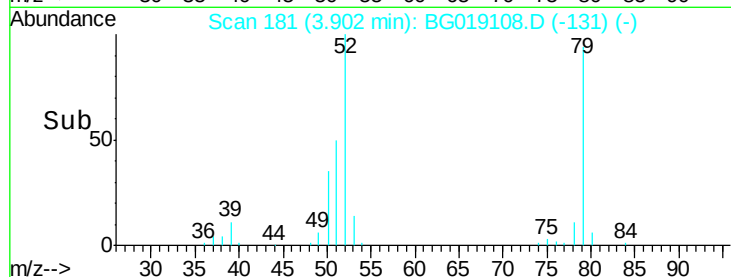
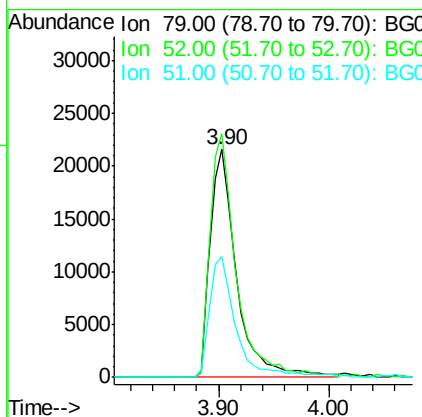
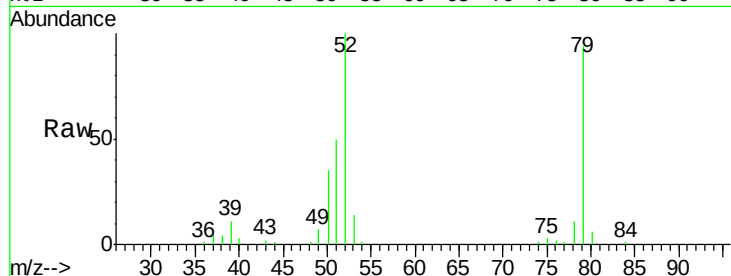
ClientSampleId :

PB85979BS

Tgt Ion:	79	Resp:	35476
Ion	Ratio	Lower	Upper
79	100		
52	106.8	88.3	132.5
51	52.9	44.6	66.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 31.80 ng

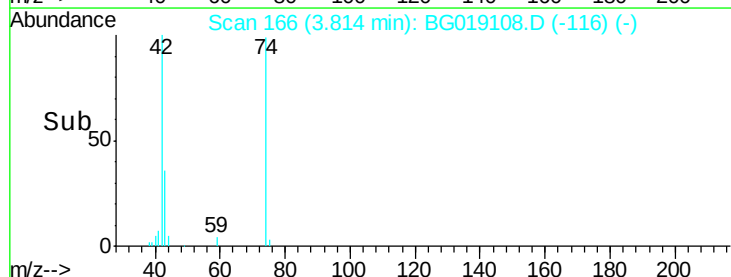
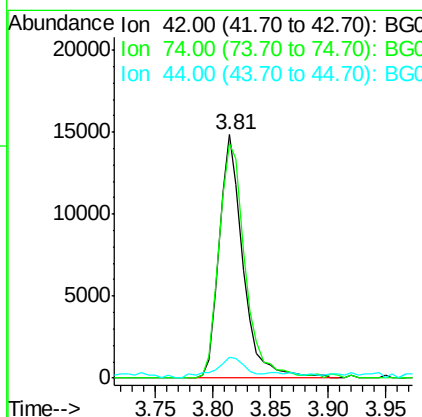
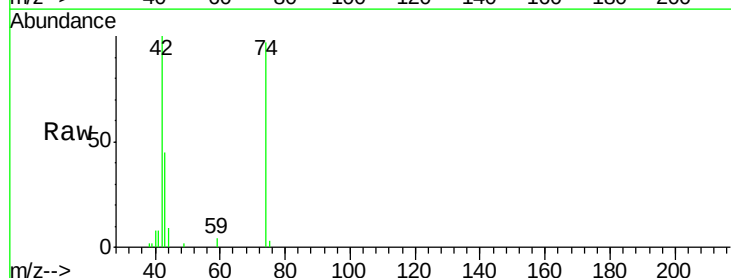
RT: 3.81 min Scan# 166

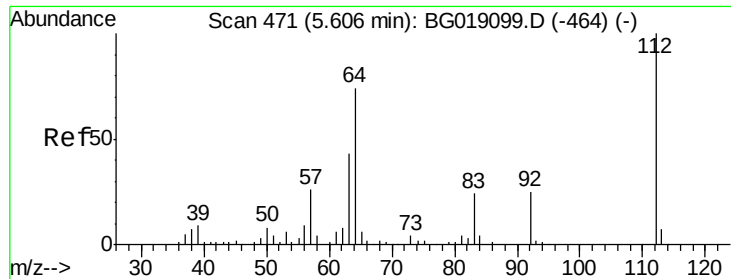
Delta R.T. -0.01 min

Lab File: BG019108.D

Acq: 10 Oct 2015 9:13

Tgt Ion:	42	Resp:	21172
Ion	Ratio	Lower	Upper
42	100		
74	96.6	77.3	115.9
44	8.6	7.2	10.8





#5

2-Fluorophenol

Concen: 84.00 ng

RT: 5.61 min Scan# 471

Delta R.T. 0.00 min

Lab File: BG019108.D

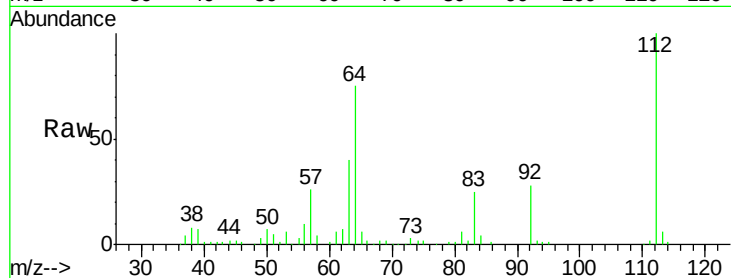
Acq: 10 Oct 2015 9:13

Instrument :

BNA_G

ClientSampleId :

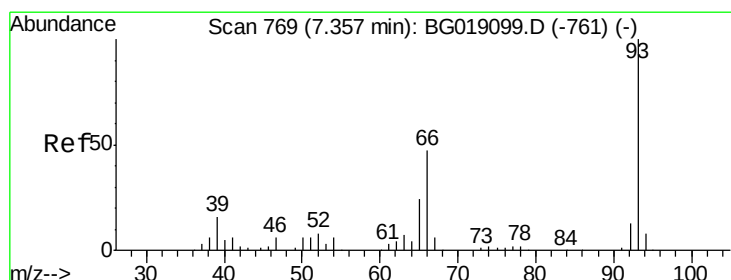
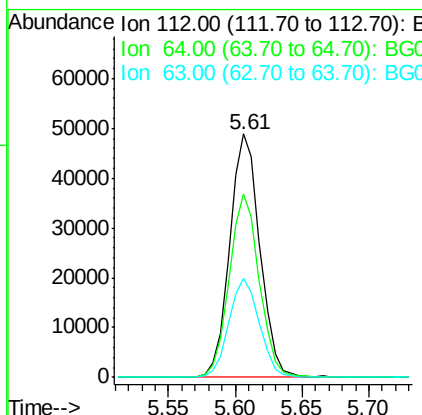
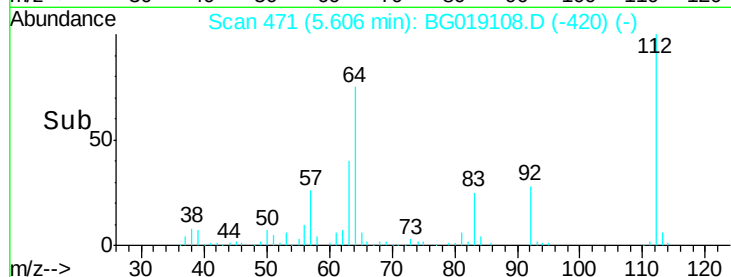
PB85979BS



Tgt Ion:	112	Resp:	76711
Ion Ratio	Lower	Upper	
112	100		
64	75.2	59.0	88.4
63	40.5	34.7	52.1

Manual Integrations
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#6

Aniline

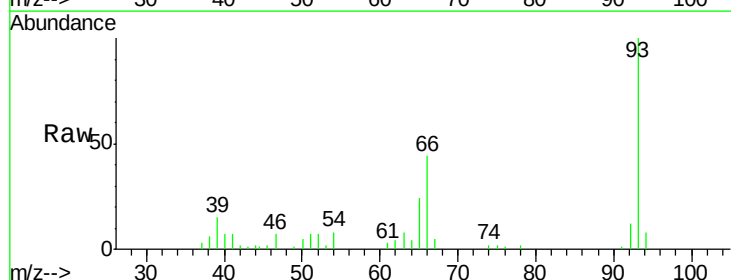
Concen: 12.26 ng

RT: 7.36 min Scan# 769

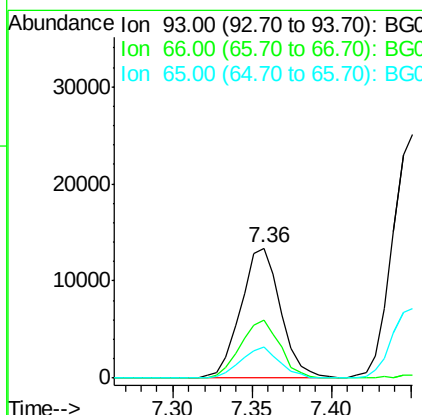
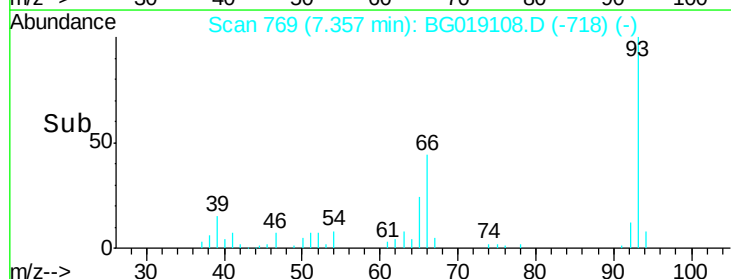
Delta R.T. 0.00 min

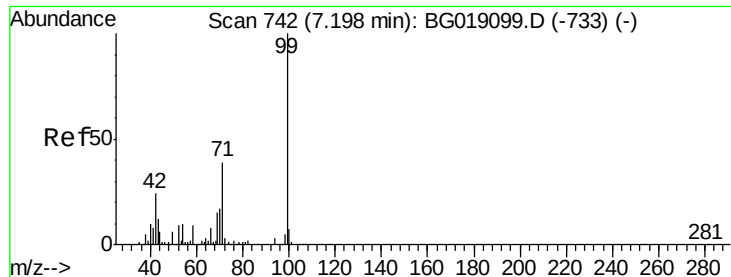
Lab File: BG019108.D

Acq: 10 Oct 2015 9:13



Tgt Ion:	93	Resp:	23294
Ion Ratio	Lower	Upper	
93	100		
66	44.3	37.4	56.2
65	23.7	19.6	29.4





#7

Phenol-d6

Concen: 81.35 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG019108.D

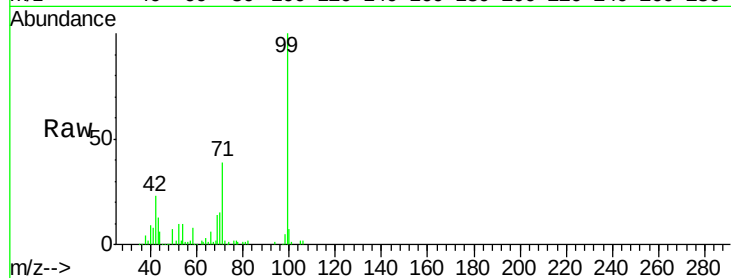
Acq: 10 Oct 2015 9:13

Instrument :

BNA_G

ClientSampleId :

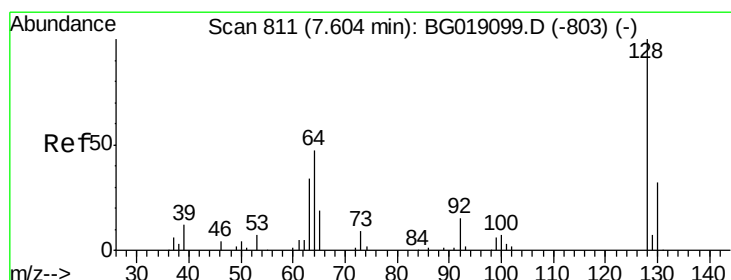
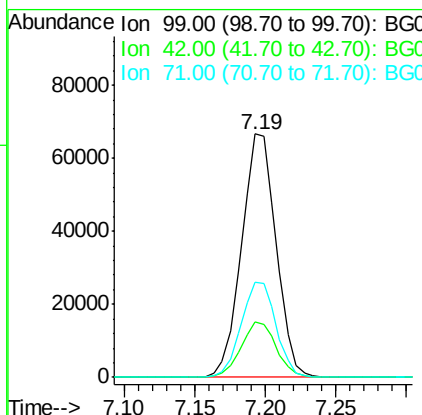
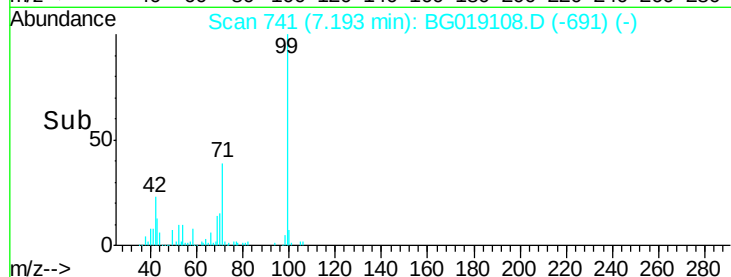
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Tgt Ion:	99	Resp:	114131
Ion Ratio	Lower	Upper	
99	100		
42	22.8	19.5	29.3
71	39.0	31.4	47.0

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#8

2-Chlorophenol

Concen: 38.29 ng

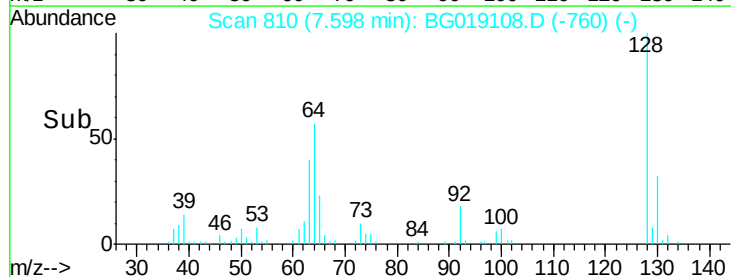
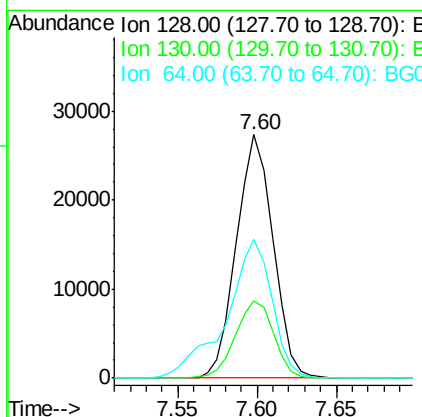
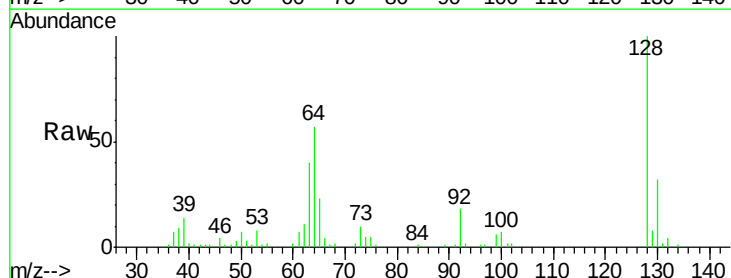
RT: 7.60 min Scan# 810

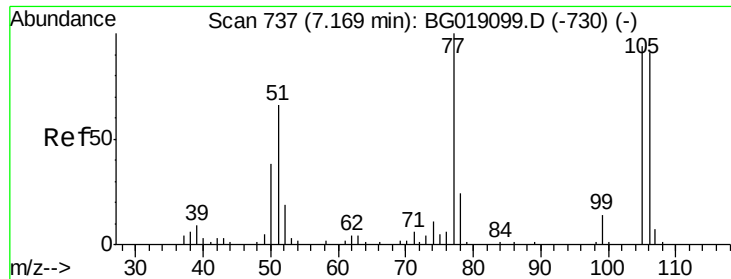
Delta R.T. -0.01 min

Lab File: BG019108.D

Acq: 10 Oct 2015 9:13

Tgt Ion:	128	Resp:	43881
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.3	52.3
64	56.8	35.8	75.8





#9

Benzaldehyde

Concen: 38.35 ng

RT: 7.17 min Scan# 737

Delta R.T. 0.00 min

Lab File: BG019108.D

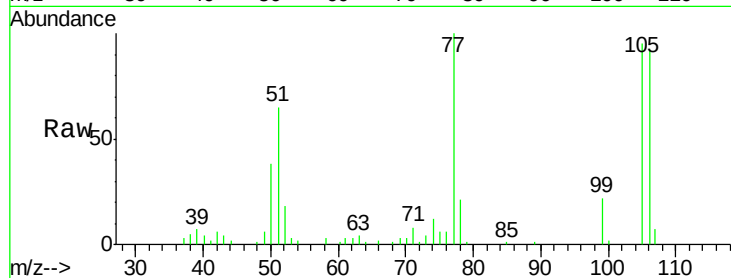
Acq: 10 Oct 2015 9:13

Instrument :

BNA_G

ClientSampleId :

PB85979BS



Tgt Ion: 77 Resp: 33892

Ion Ratio Lower Upper

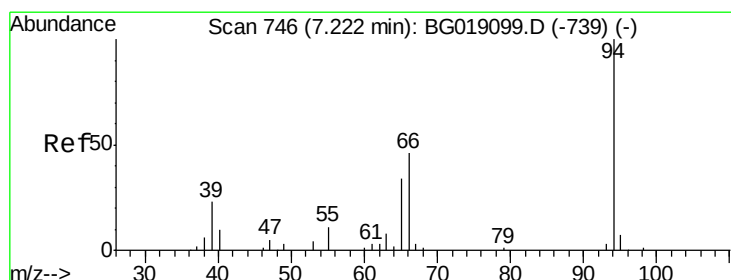
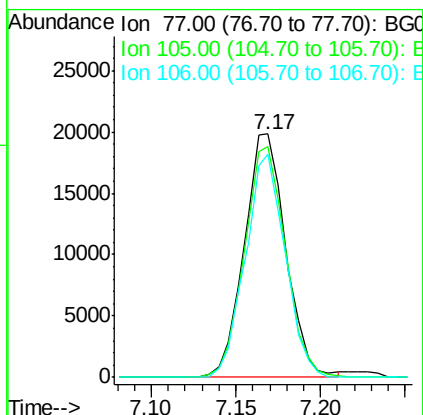
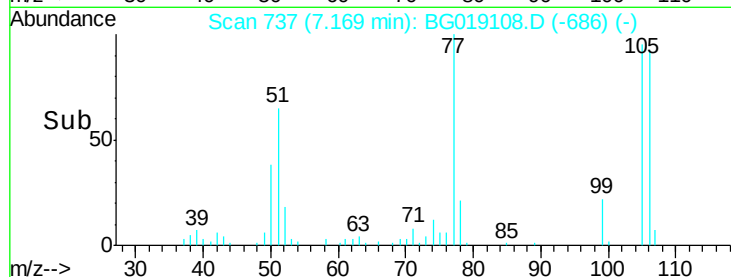
77 100

105 94.9 73.7 113.7

106 91.9 71.0 111.0

Manual Integrations
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#10

Phenol

Concen: 39.82 ng

RT: 7.22 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG019108.D

Acq: 10 Oct 2015 9:13

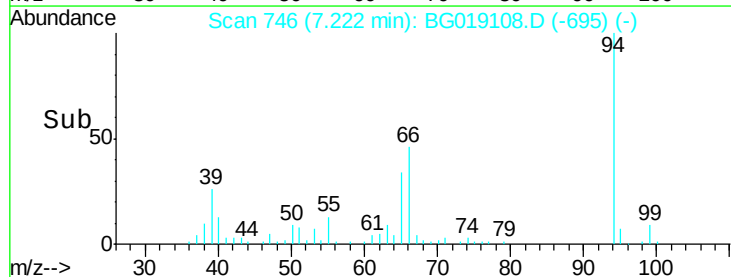
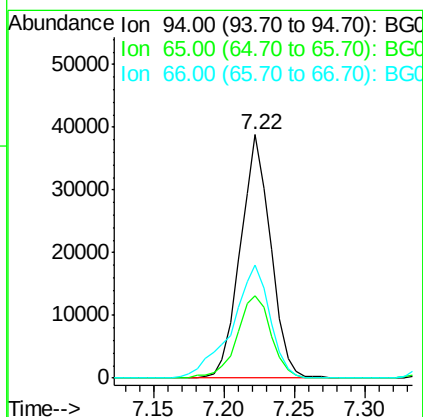
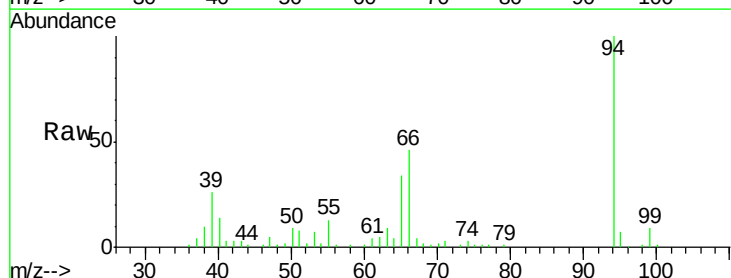
Tgt Ion: 94 Resp: 58174

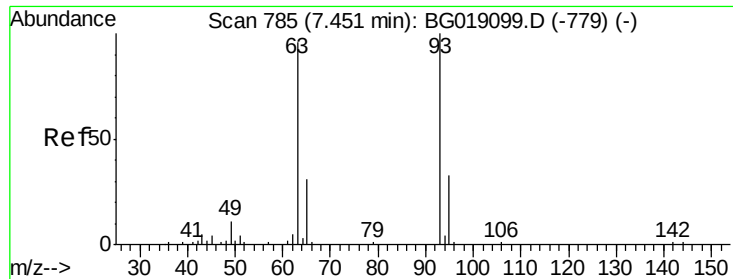
Ion Ratio Lower Upper

94 100

65 33.7 15.2 55.2

66 46.2 28.7 68.7





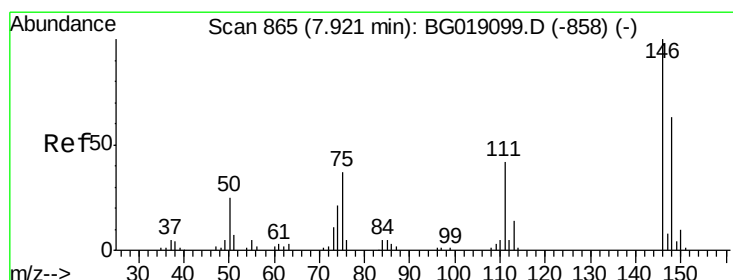
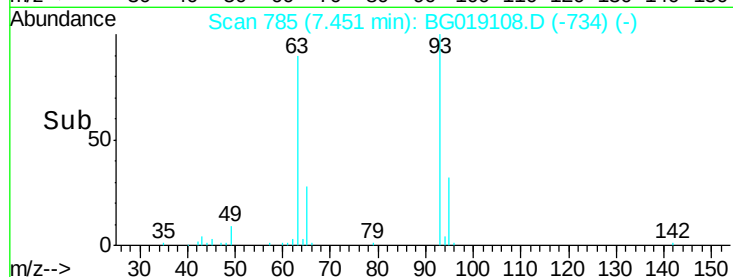
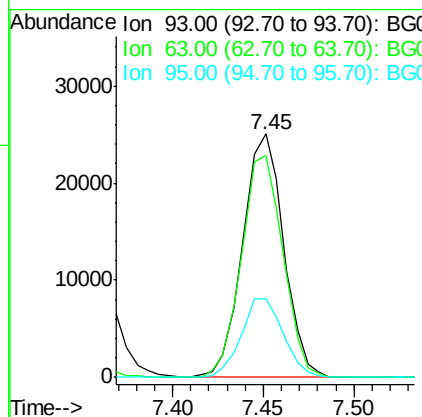
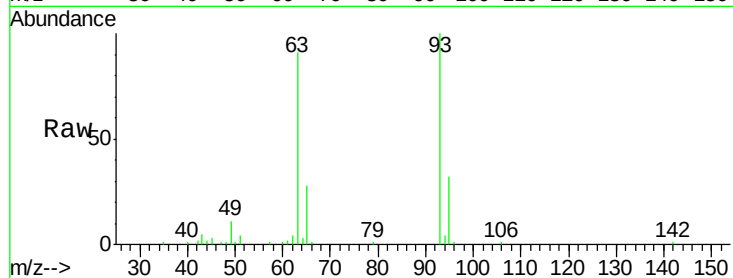
#11
bis(2-Chloroethyl)ether
Concen: 35.61 ng
RT: 7.45 min Scan# 785
Delta R.T. 0.00 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Instrument :
BNA_G
ClientSampleId :
PB85979BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	39309		
63	91.3	75.3	115.3	
95	32.0	12.9	52.9	

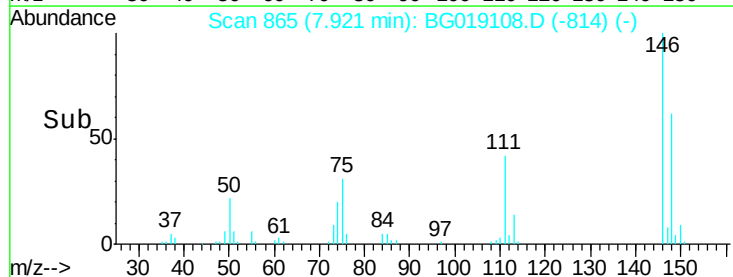
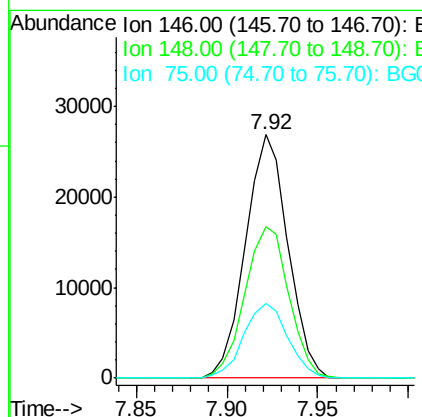
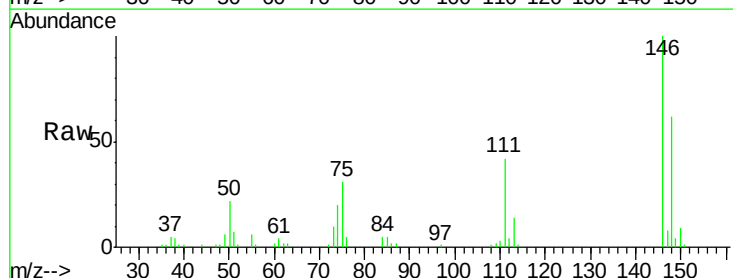
Manual Integrations
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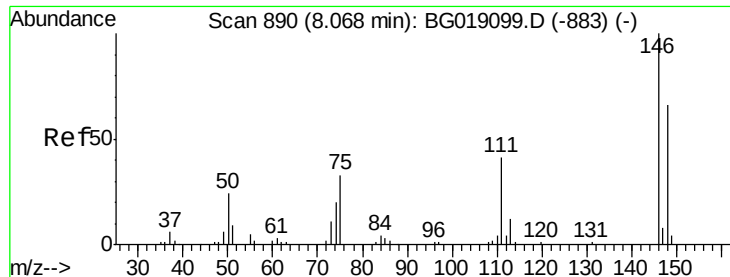
MMdadoda
10/12/2015 7:00:55 PM



#12
1,3-Dichlorobenzene
Concen: 34.83 ng
RT: 7.92 min Scan# 865
Delta R.T. 0.00 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	43565		
148	62.4	50.2	75.4	
75	30.7	29.3	43.9	





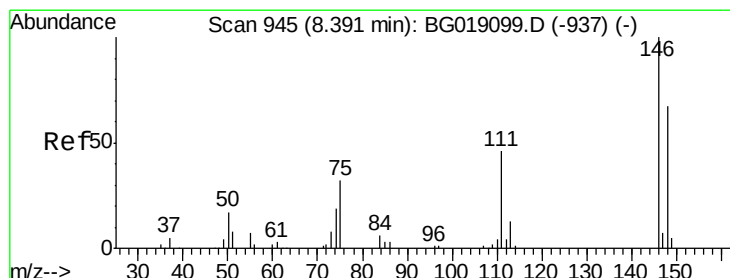
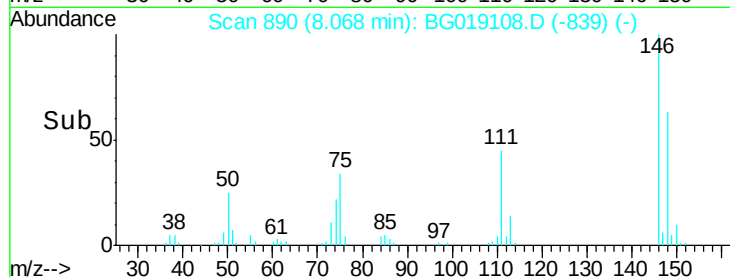
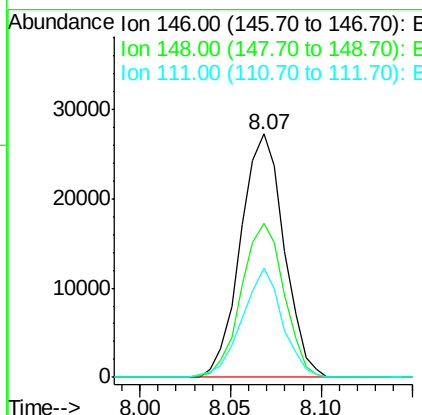
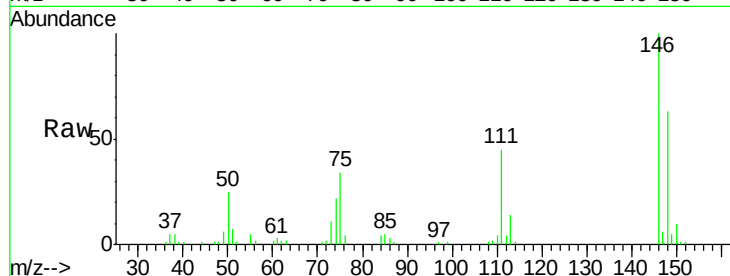
#13
 1,4-Dichlorobenzene
 Concen: 35.48 ng
 RT: 8.07 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.9	79.3
111	44.8	33.1	49.7

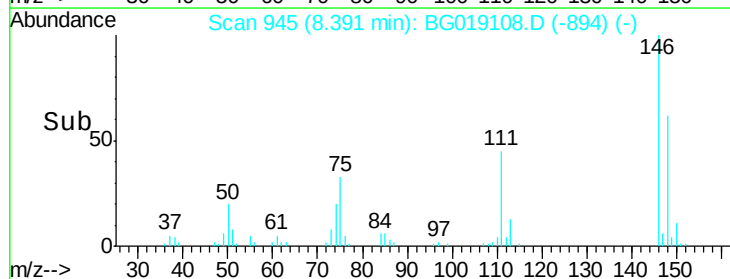
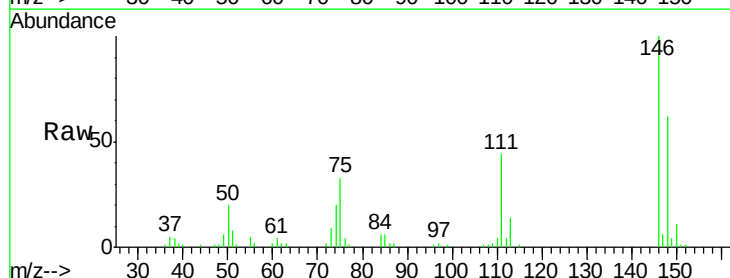
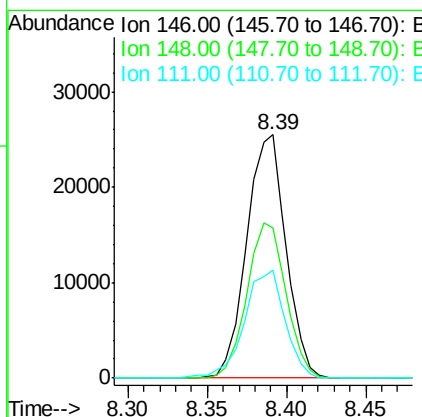
Manual Integrations
 APPROVED

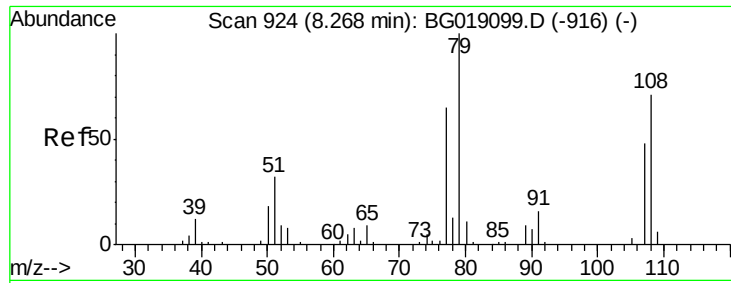
MMdadoda
 10/12/2015 7:00:55 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.39 ng
 RT: 8.39 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	53.6	80.4
111	44.5	37.3	55.9





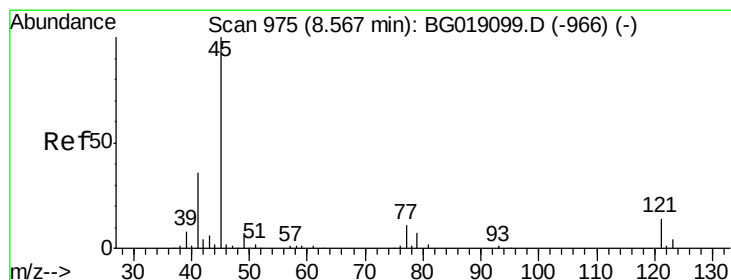
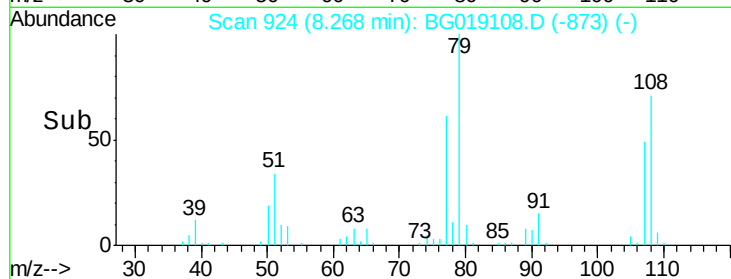
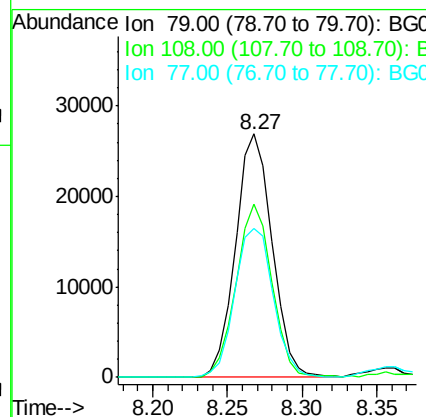
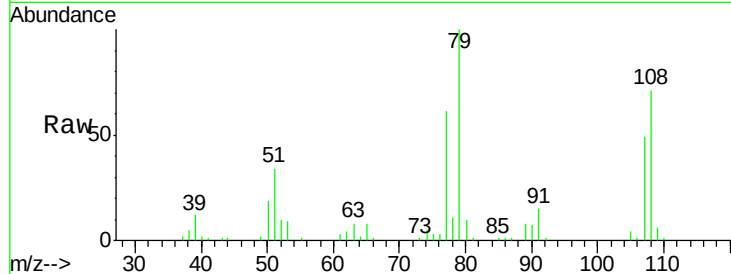
#15
Benzyl Alcohol
Concen: 36.71 ng
RT: 8.27 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Instrument :
BNA_G
ClientSampleId :
PB85979BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	46011		
108	71.4	56.6	84.8	
77	61.1	51.6	77.4	

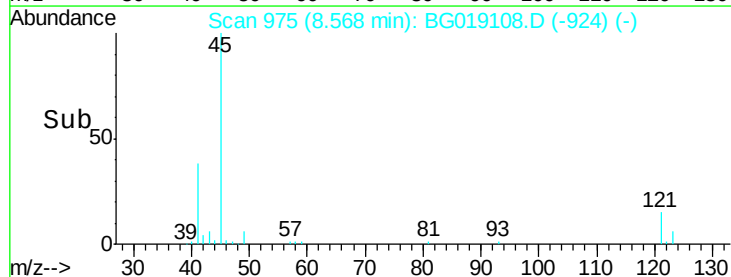
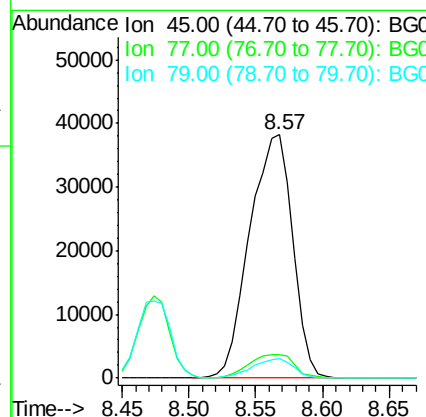
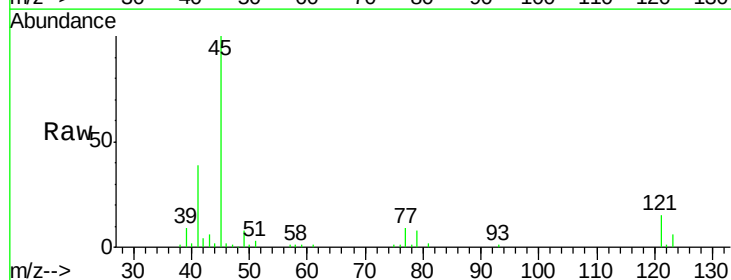
Manual Integrations
APPROVED

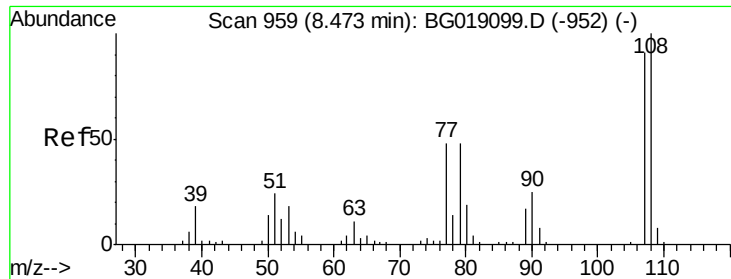
MMdadoda
10/12/2015 7:00:55 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.96 ng
RT: 8.57 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

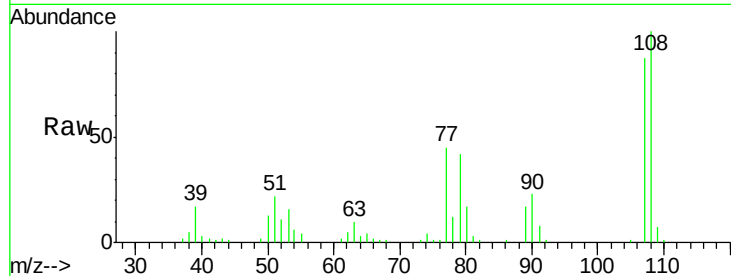
Tgt Ion	Ratio	Resp	Lower	Upper
45	100	85012		
77	9.4	0.0	30.8	
79	8.1	0.0	27.5	





#17
2-Methylphenol
Concen: 39.00 ng
RT: 8.47 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

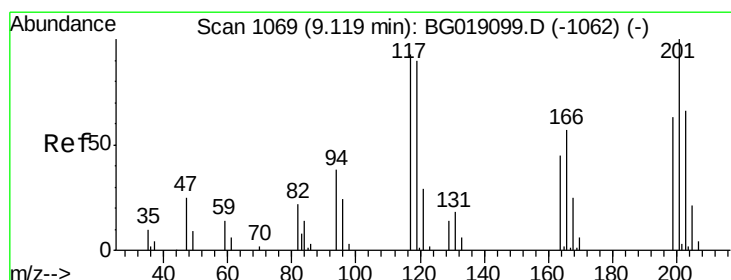
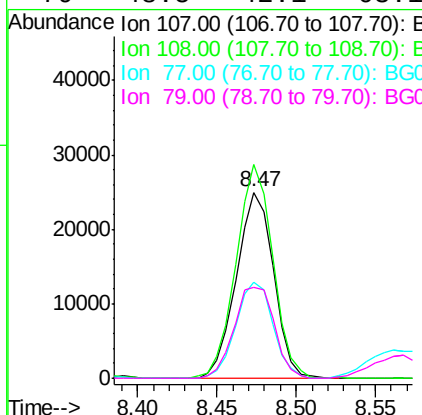
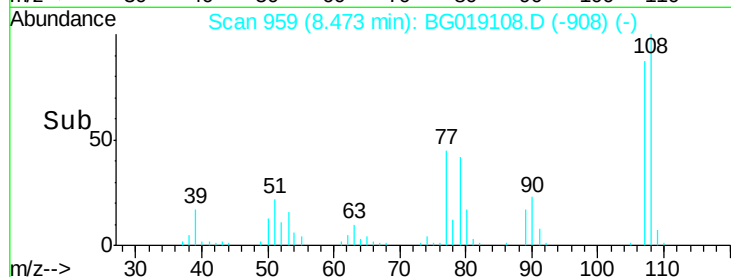
Instrument :
BNA_G
ClientSampleId :
PB85979BS



Tgt Ion:	107	Resp:	40687
Ion Ratio	Lower	Upper	
107	100		
108	114.7	87.7	131.5
77	51.6	42.2	63.2
79	48.5	42.1	63.1

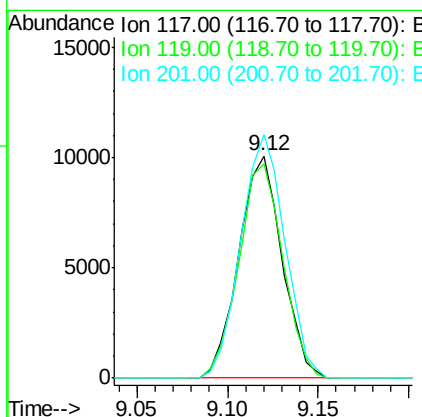
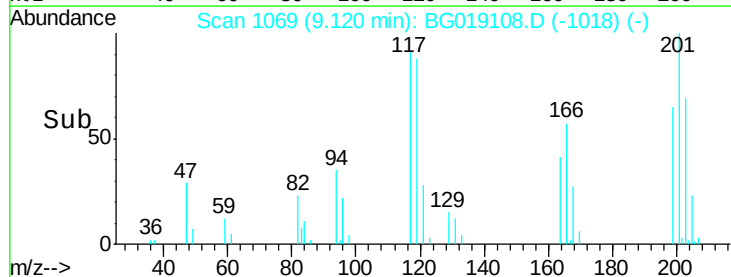
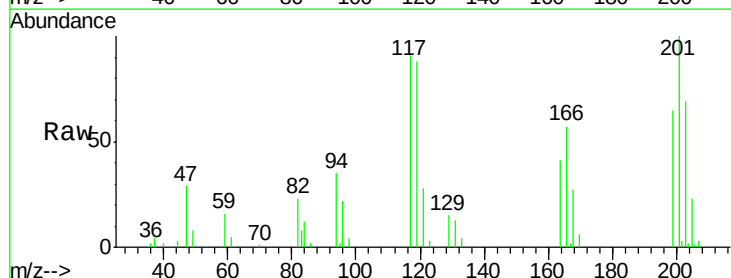
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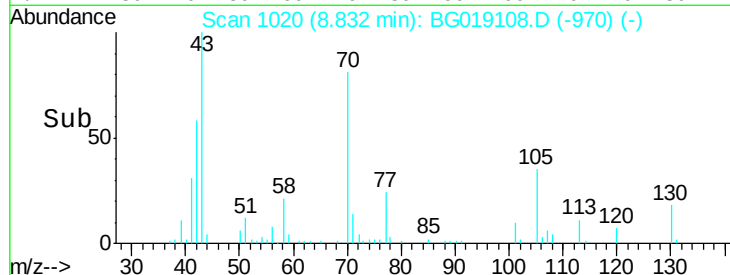
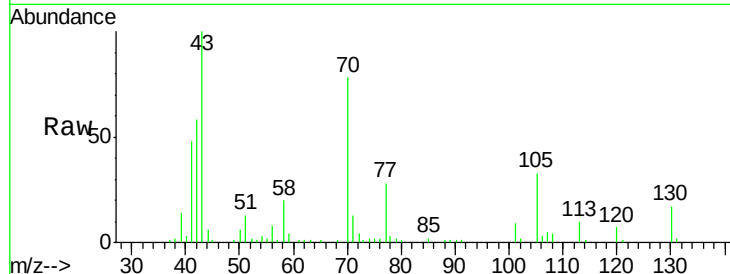
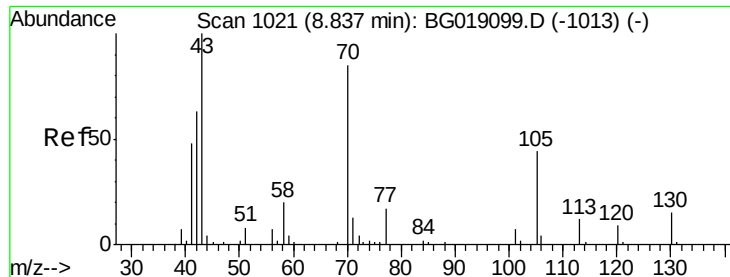
MMdadoda
10/12/2015 7:00:55 PM



#18
Hexachloroethane
Concen: 34.31 ng
RT: 9.12 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Tgt Ion:	117	Resp:	16737
Ion Ratio	Lower	Upper	
117	100		
119	96.1	77.0	115.4
201	109.5	85.6	128.4





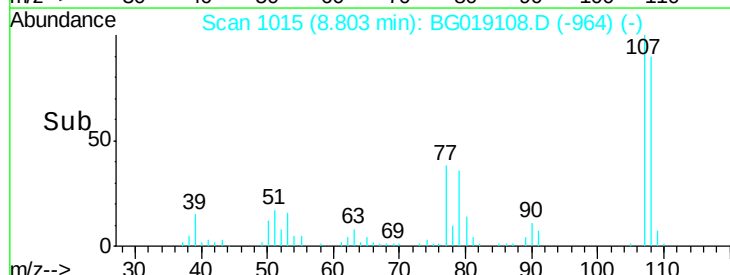
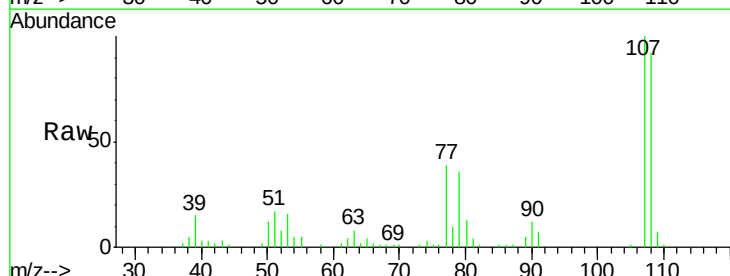
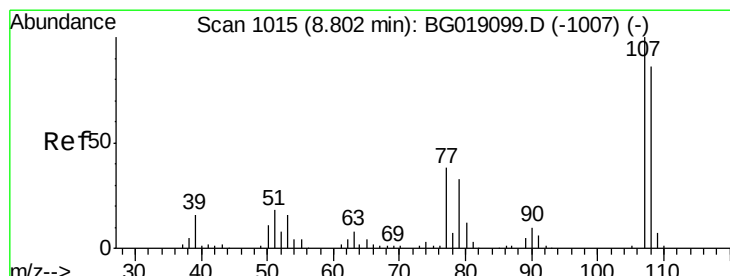
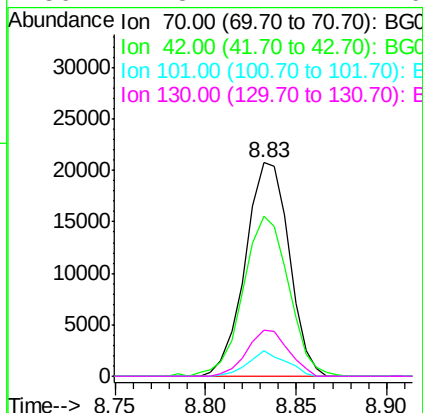
#19
n-Nitroso-di-n-propylamine
Concen: 31.36 ng
RT: 8.83 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Instrument :
BNA_G
ClientSampleId :
PB85979BS

Manual Integrations
APPROVED

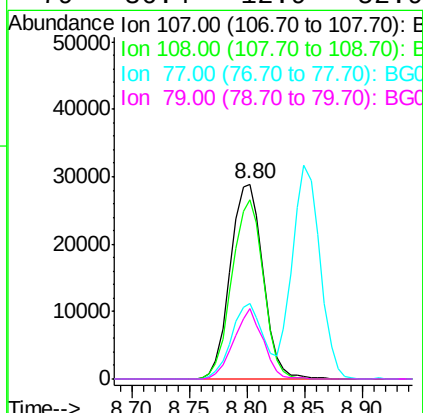
MMdadoda
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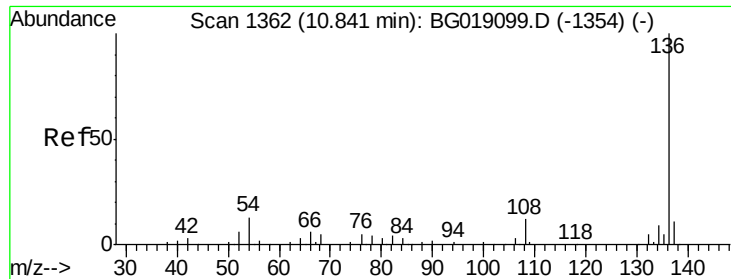
Tgt Ion	Ratio	Lower	Upper
70	100		
42	75.0	59.8	89.8
101	12.1	7.0	10.4
130	21.8	14.4	21.6



#20
3+4-Methylphenols
Concen: 37.78 ng
RT: 8.80 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.0	66.2	106.2
77	38.7	17.8	57.8
79	36.4	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: BG019108.D

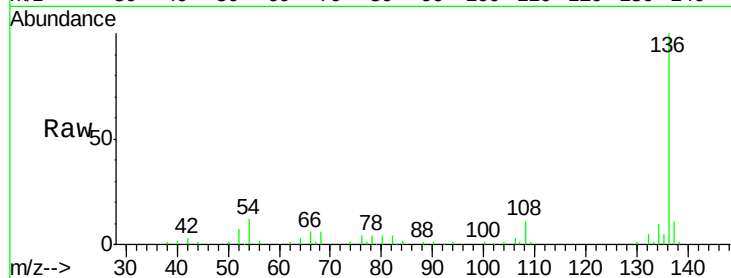
Acq: 10 Oct 2015 9:13

Instrument :

BNA_G

ClientSampleId :

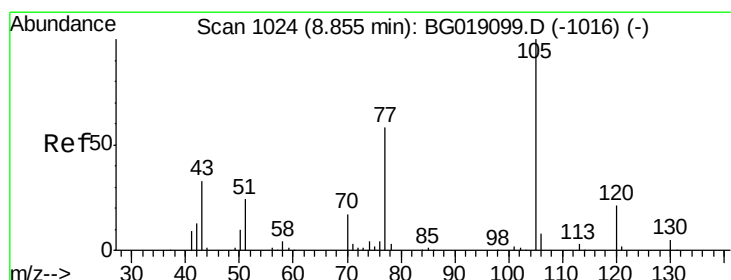
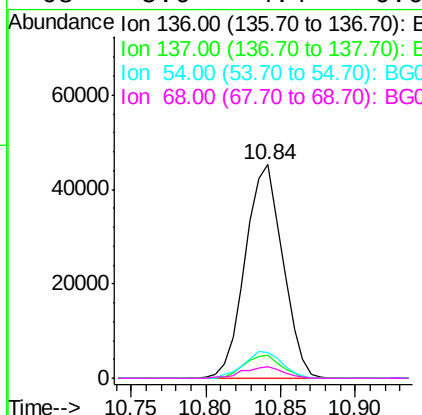
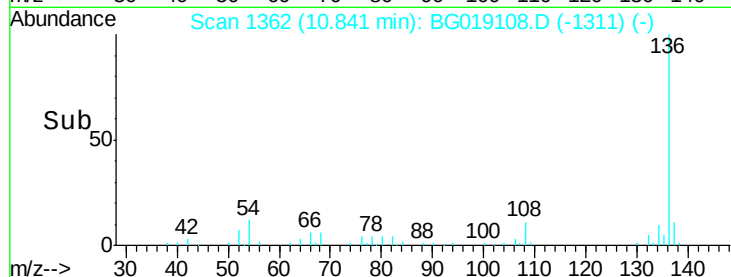
PB85979BS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	78617		
137	10.7	9.0	13.4	
54	11.8	10.1	15.1	
68	5.6	4.4	6.6	

Manual Integrations
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#22

Acetophenone

Concen: 36.66 ng

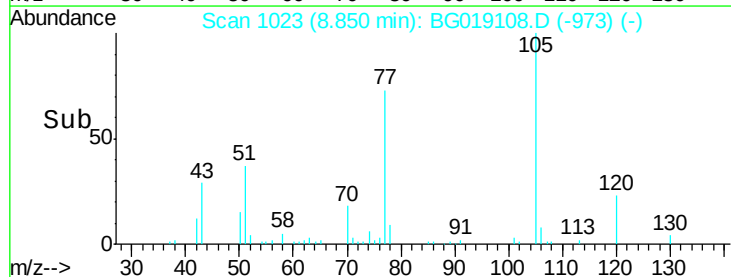
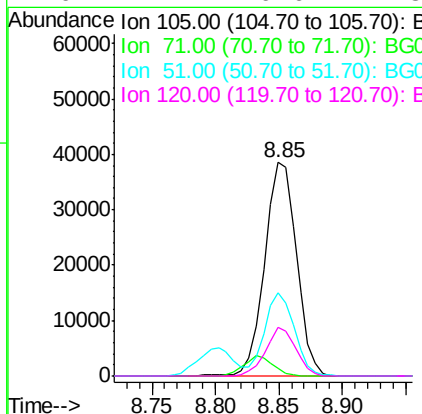
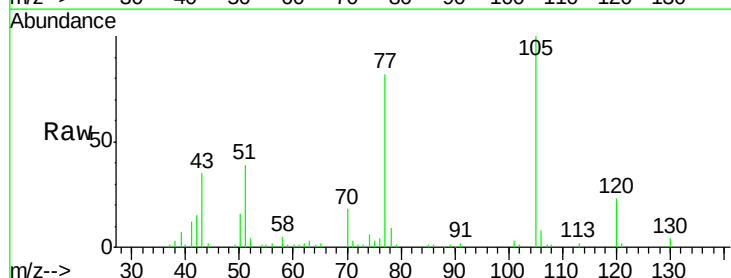
RT: 8.85 min Scan# 1023

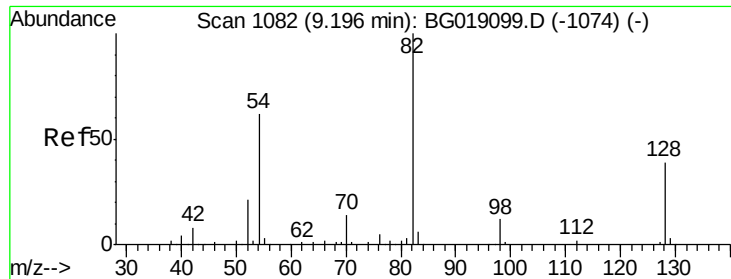
Delta R.T. -0.01 min

Lab File: BG019108.D

Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	67383		
71	3.4	2.2	3.2#	
51	39.1	29.2	43.8	
120	22.7	16.6	24.8	





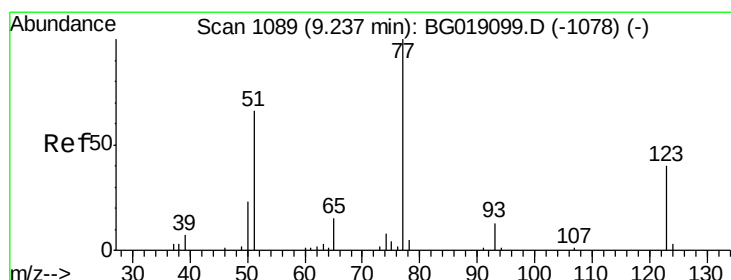
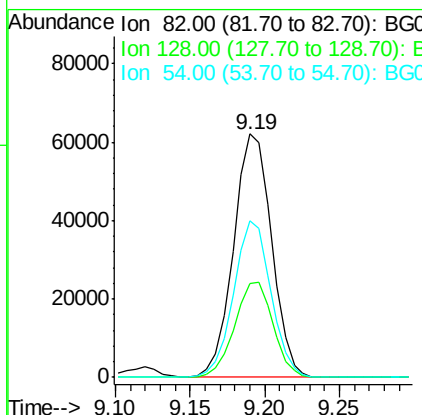
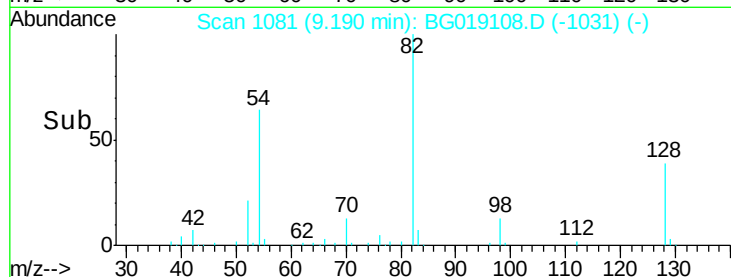
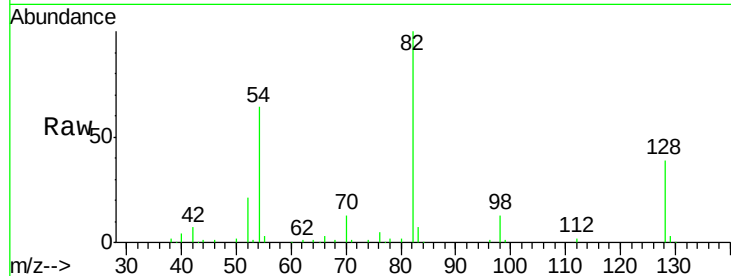
#23
 Nitrobenzene-d5
 Concen: 77.37 ng
 RT: 9.19 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BS

Tgt Ion:	82	Resp:	110083
Ion Ratio	Lower	Upper	
82	100		
128	38.6	31.4	47.2
54	64.1	50.0	75.0

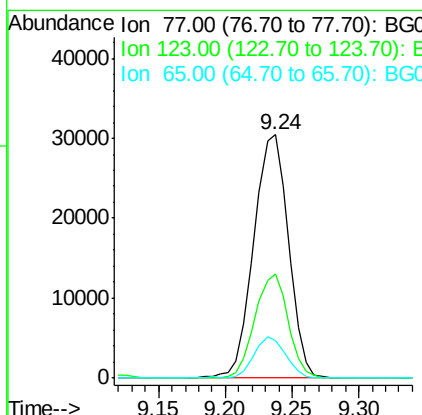
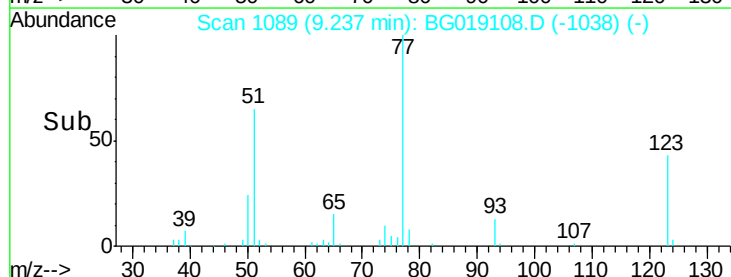
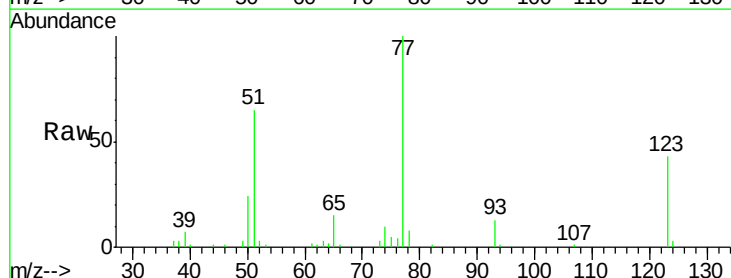
Manual Integrations
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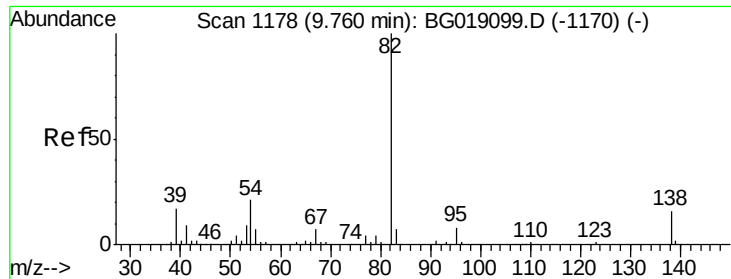
MMdadoda
 10/12/2015 7:00:55 PM



#24
 Nitrobenzene
 Concen: 36.31 ng
 RT: 9.24 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Tgt Ion:	77	Resp:	54818
Ion Ratio	Lower	Upper	
77	100		
123	42.9	31.8	47.6
65	15.2	11.8	17.6





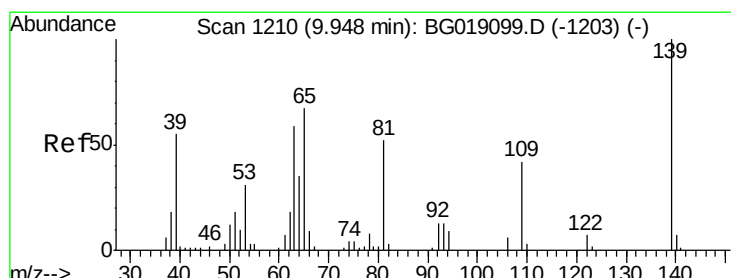
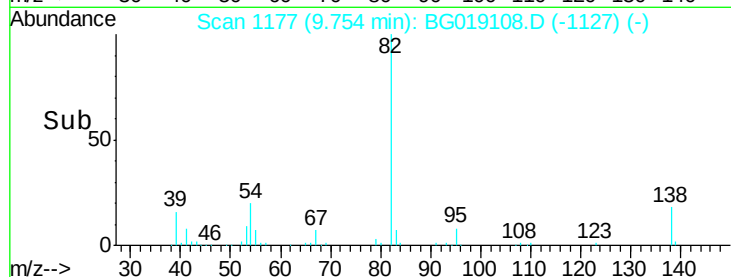
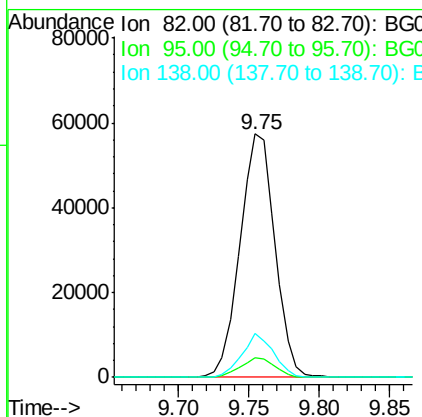
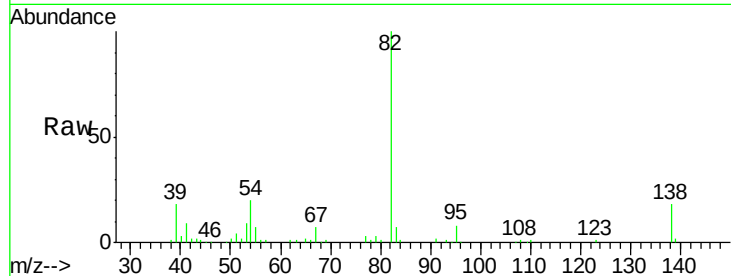
#25
Isophorone
Concen: 34.26 ng
RT: 9.75 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Instrument :
BNA_G
ClientSampleId :
PB85979BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	7.8	6.7	10.1
138	17.8	12.6	19.0

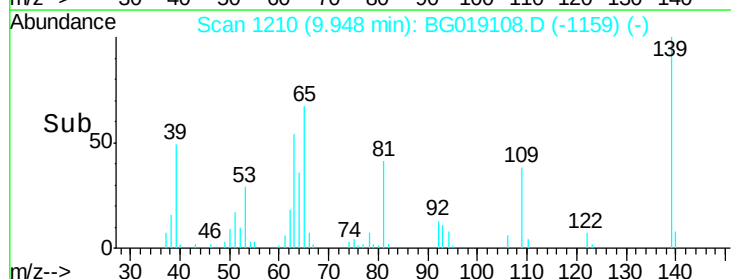
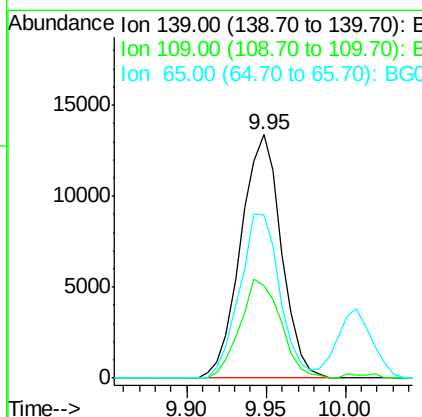
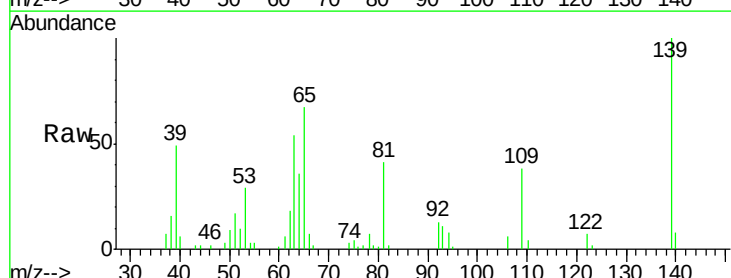
Manual Integrations
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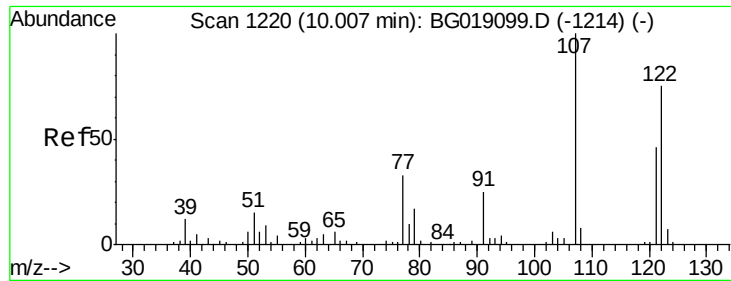
MMdadoda
10/12/2015 7:00:55 PM



#26
2-Nitrophenol
Concen: 36.92 ng
RT: 9.95 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

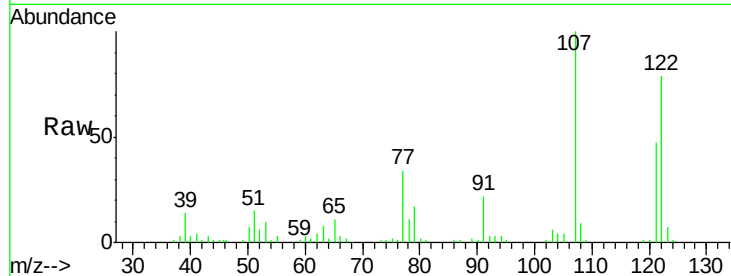
Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	38.0	33.3	49.9
65	67.1	53.6	80.4





#27
 2,4-Dimethylphenol
 Concen: 39.83 ng
 RT: 10.01 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

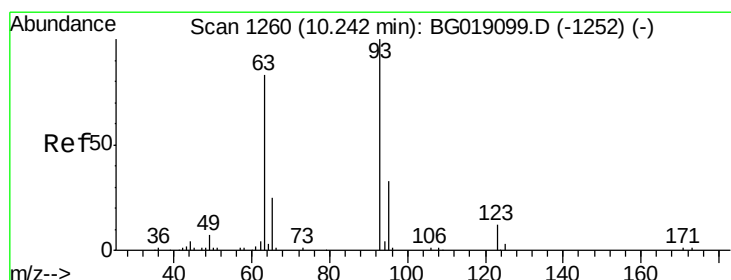
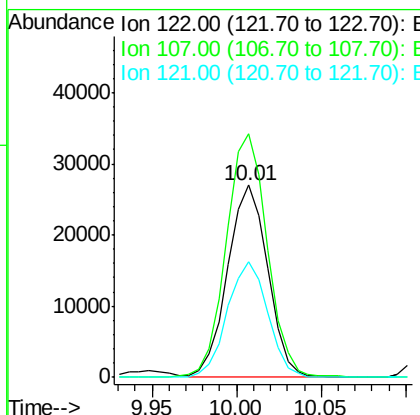
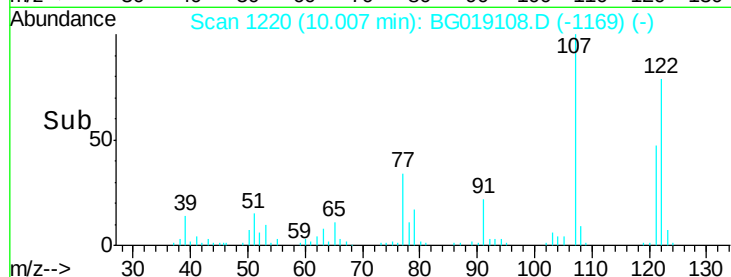
Instrument :
 BNA_G
 ClientSampleId :
 PB85979BS



Tgt Ion	Ratio	Lower	Upper
122	100		
107	126.6	105.1	157.7
121	59.9	48.7	73.1

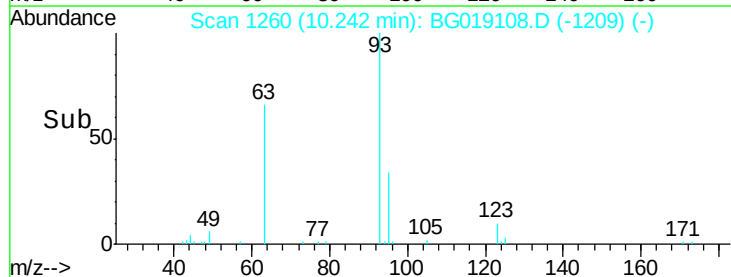
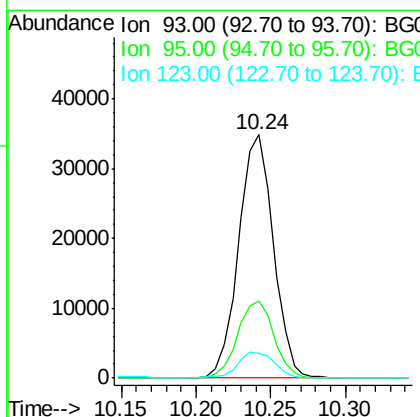
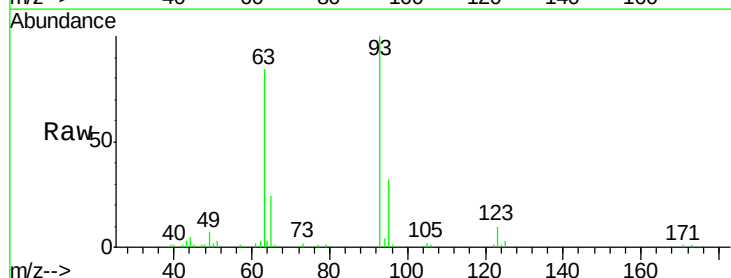
Manual Integrations
 APPROVED

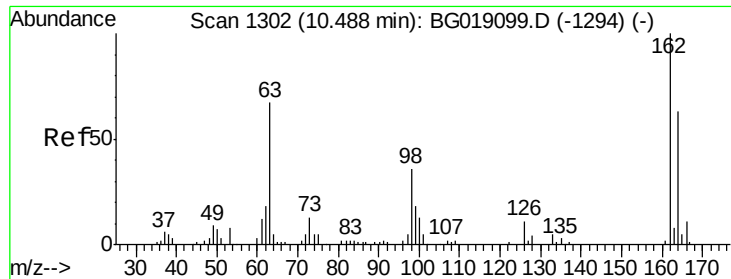
MMdadoda
 10/12/2015 7:00:55 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.27 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.5	39.7
123	10.3	9.4	14.2





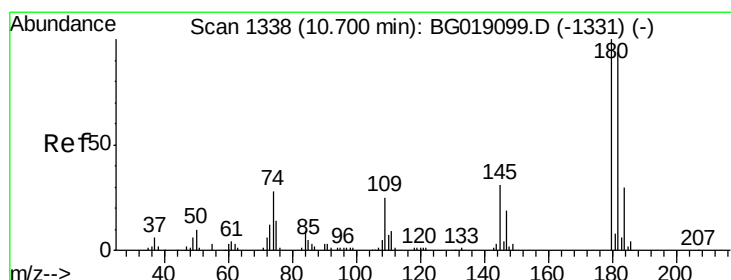
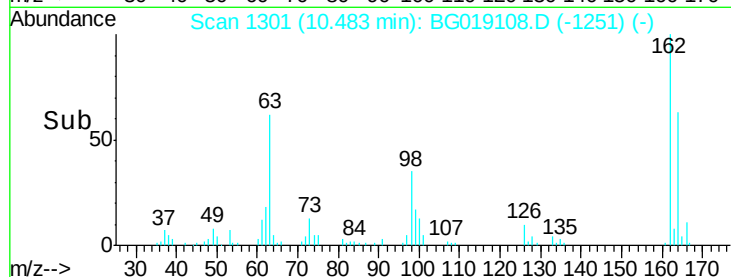
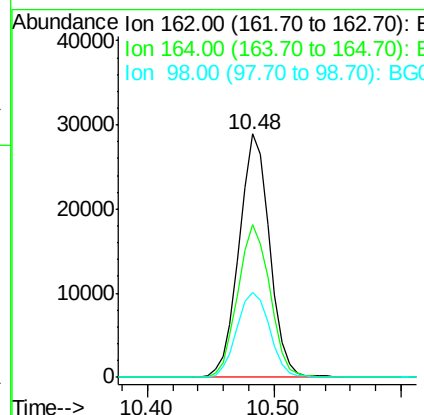
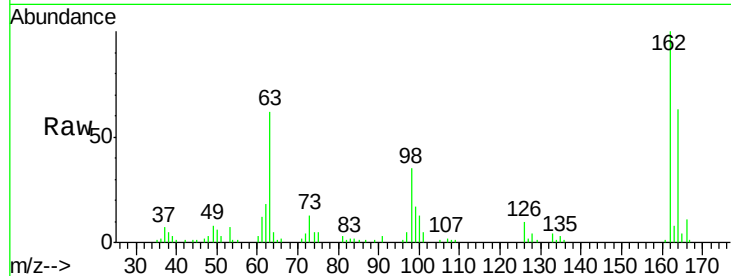
#29
2,4-Dichlorophenol
Concen: 40.87 ng
RT: 10.48 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Instrument :
BNA_G
ClientSampleId :
PB85979BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.5	42.8	82.8
98	35.1	16.1	56.1

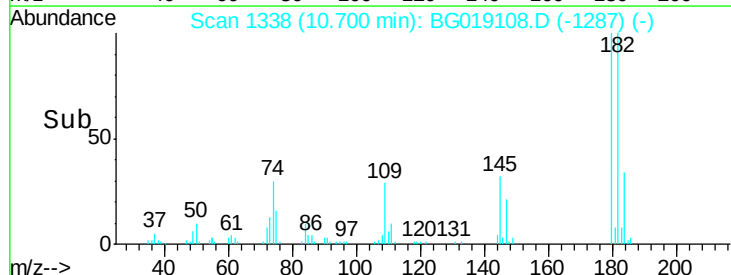
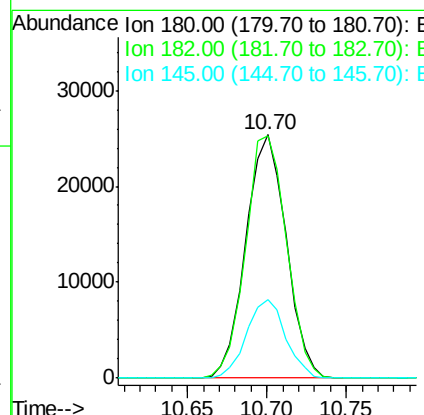
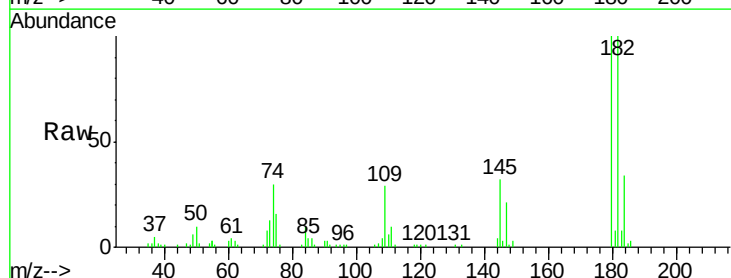
Manual Integrations
APPROVED

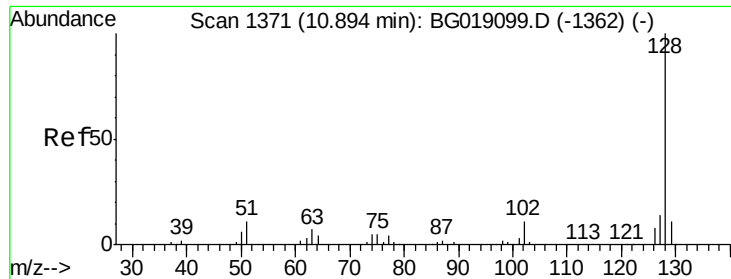
MMdadoda
10/12/2015 7:00:55 PM



#30
1,2,4-Trichlorobenzene
Concen: 35.52 ng
RT: 10.70 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	99.7	75.3	112.9
145	32.2	24.9	37.3





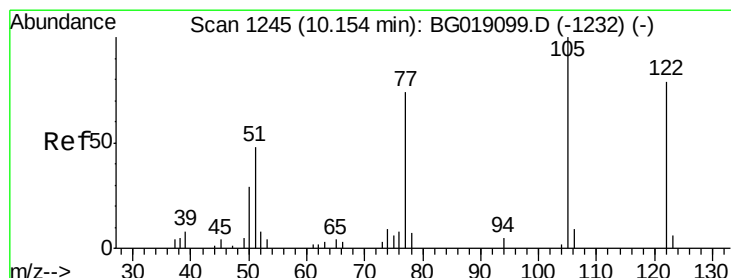
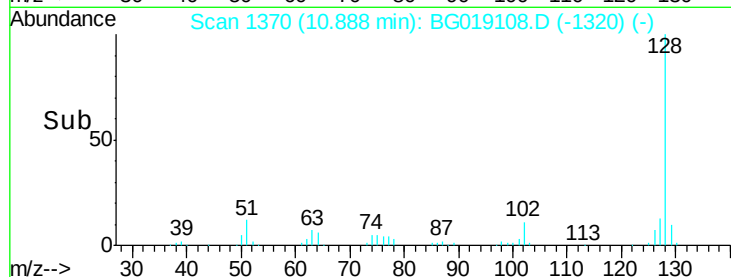
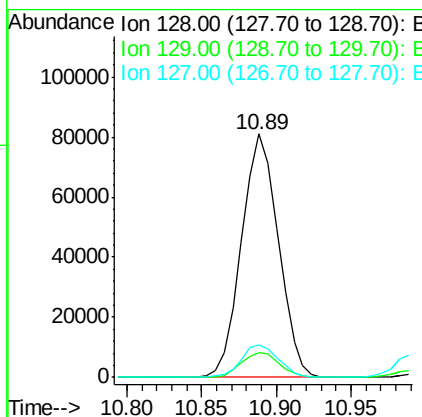
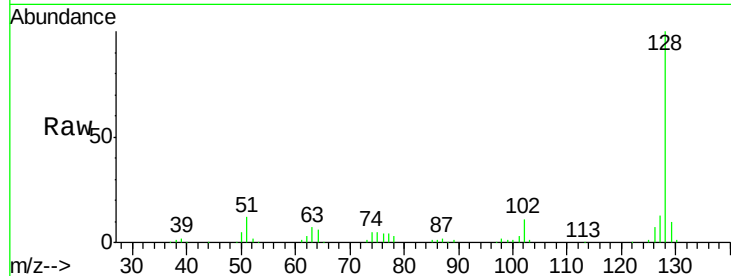
#31
Naphthalene
Concen: 36.64 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Instrument :
BNA_G
ClientSampleId :
PB85979BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.1	8.6	12.8
127	13.5	11.4	17.0

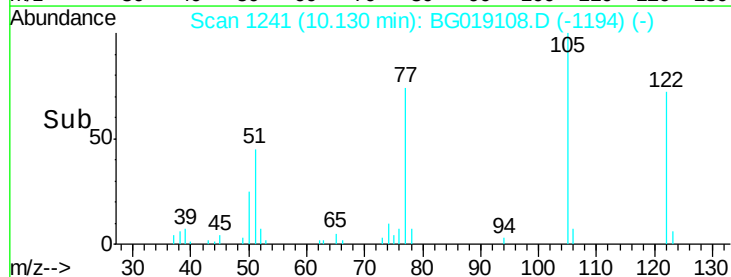
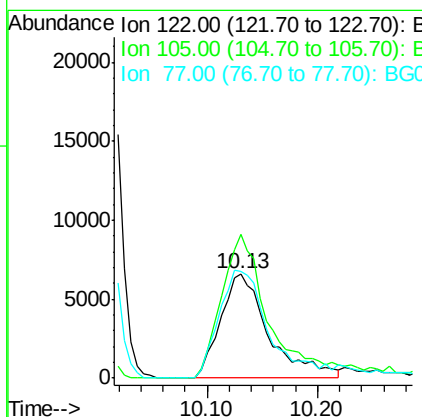
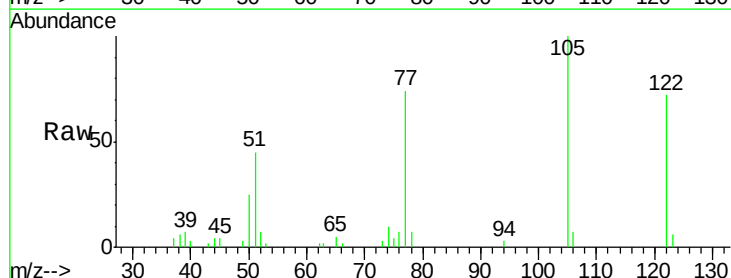
Manual Integrations
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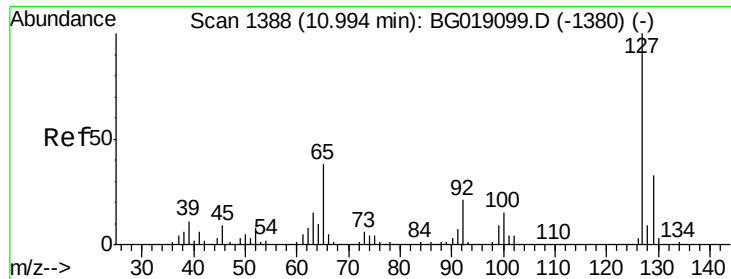
MMdadoda
10/12/2015 7:00:55 PM



#32
Benzoic acid
Concen: 31.89 ng
RT: 10.13 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	138.0	107.0	147.0
77	102.2	73.4	113.4





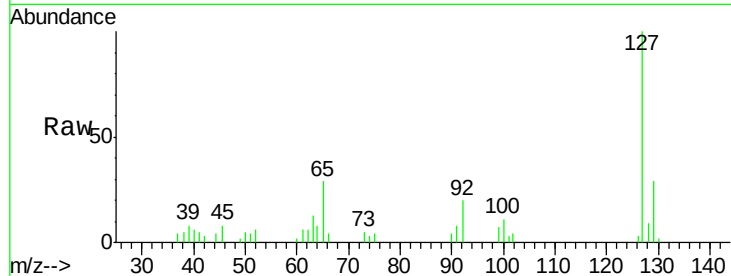
#33
4-Chloroaniline
Concen: 8.94 ng
RT: 10.99 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Instrument :
BNA_G
ClientSampleId :
PB85979BS

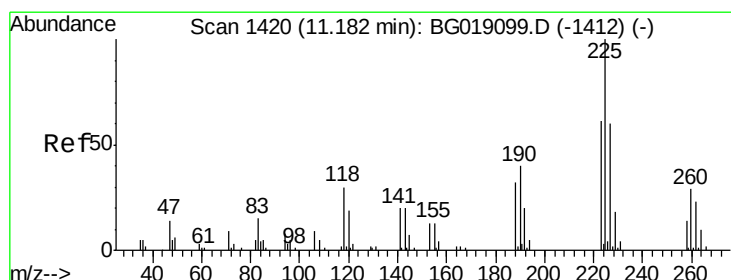
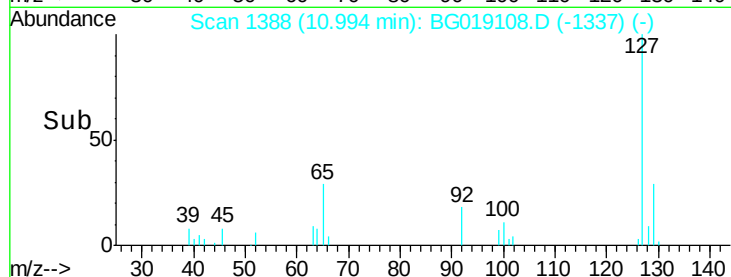
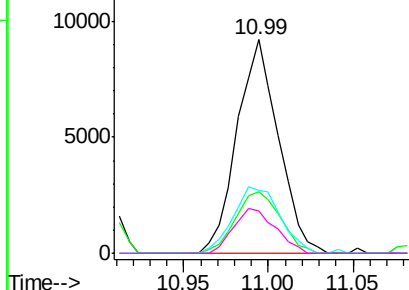
Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	29.0	26.2	39.2	
65	29.4	30.4	45.6	
92	19.8	16.9	25.3	

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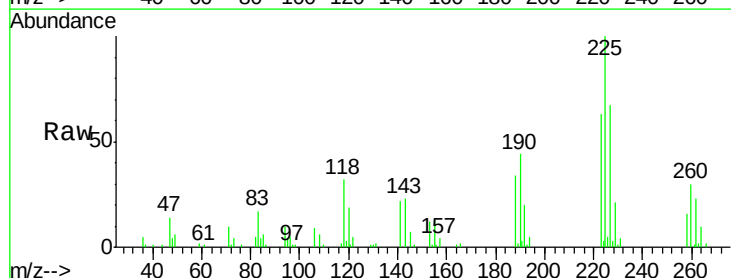


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

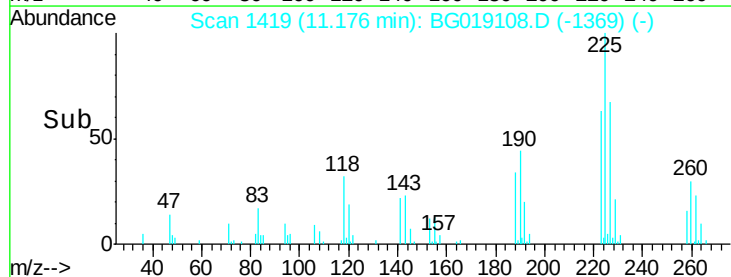
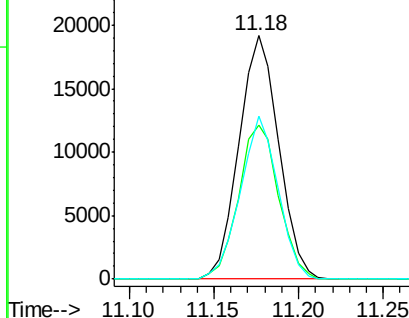


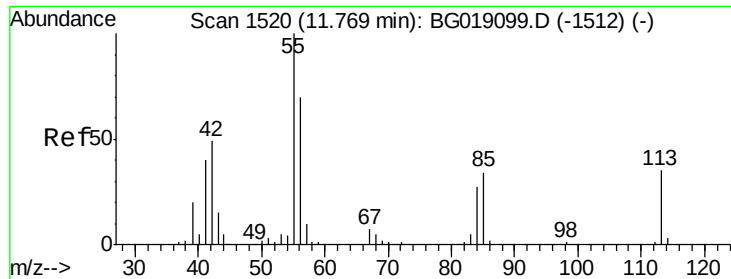
#34
Hexachlorobutadiene
Concen: 36.19 ng
RT: 11.18 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	48.6	72.8	
227	66.9	48.1	72.1	



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





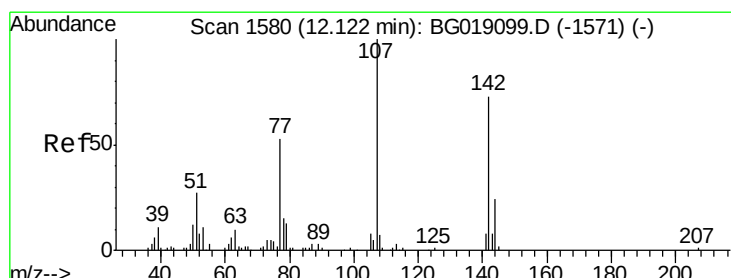
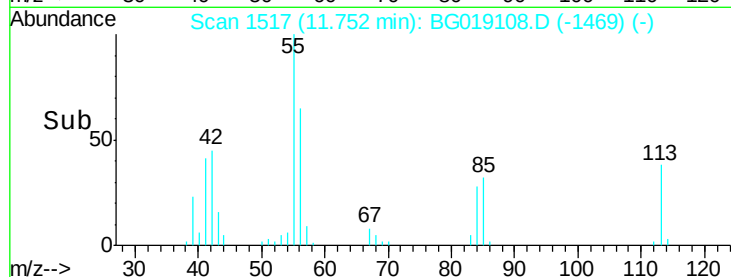
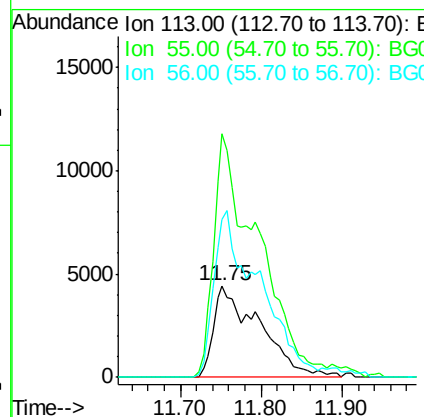
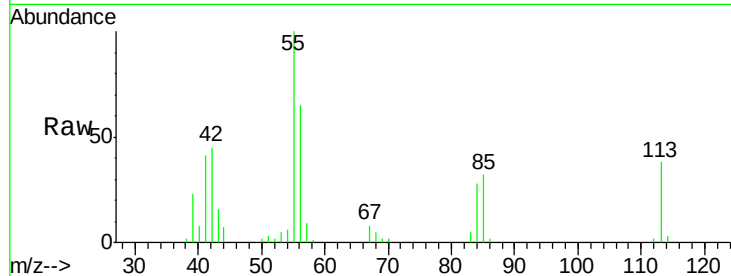
#35
 Caprolactam
 Concen: 40.23 ng m
 RT: 11.75 min Scan# 1517
 Delta R.T. -0.02 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BS

Tgt Ion:113 Resp: 17473
 Ion Ratio Lower Upper
 113 100
 55 266.4 263.4 303.4
 56 172.8 179.0 219.0#

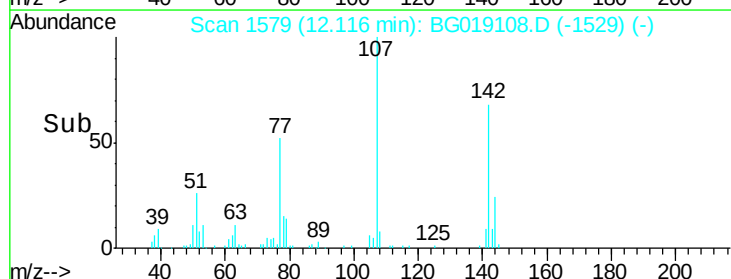
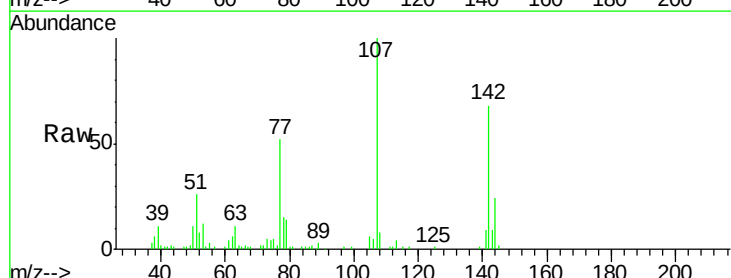
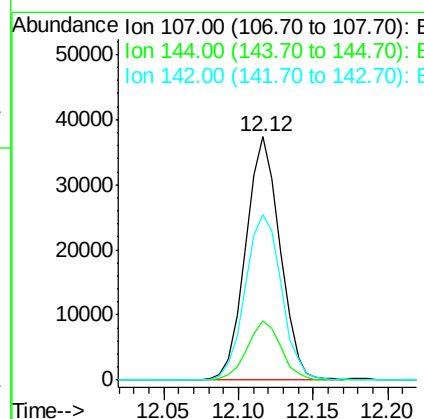
Manual Integrations
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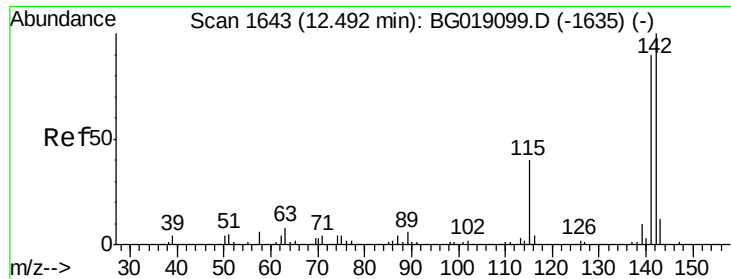
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 10/12/2015 7:00:55 PM



#36
 4-Chloro-3-methylphenol
 Concen: 39.64 ng
 RT: 12.12 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Tgt Ion:107 Resp: 59409
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.0 28.6
 142 68.2 58.5 87.7





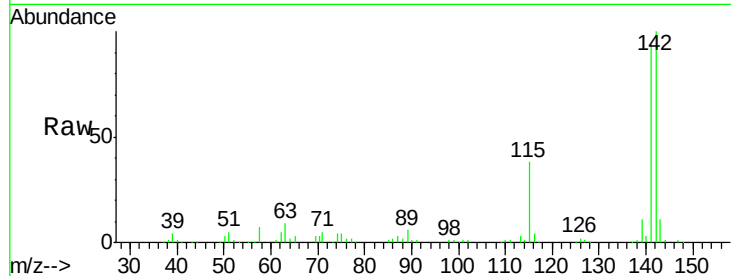
#37
 2-Methylnaphthalene
 Concen: 36.50 ng
 RT: 12.49 min Scan# 1643
 Delta R.T. 0.00 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	107309		
141	94.4	72.1	108.1	
115	38.2	31.8	47.8	

Manual Integrations
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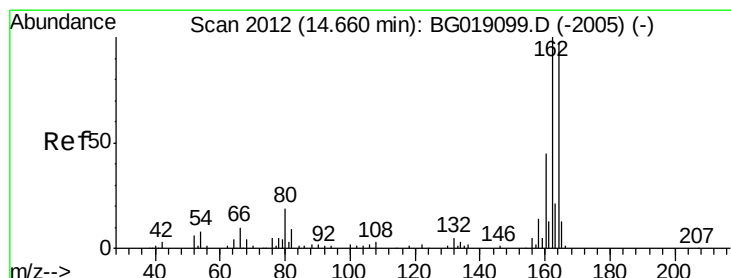
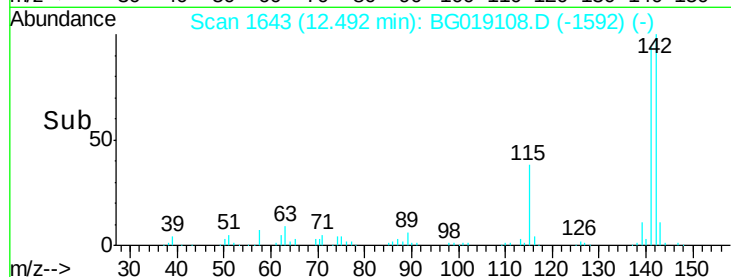
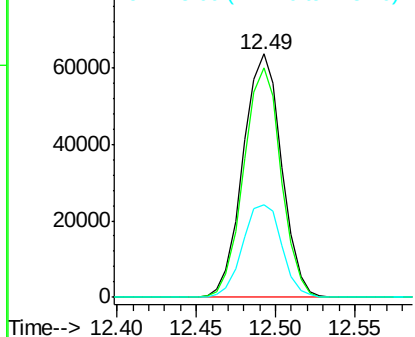


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

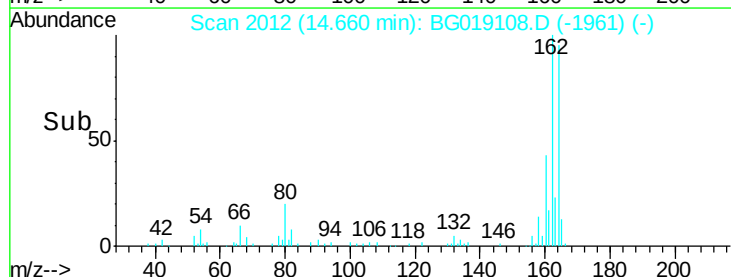
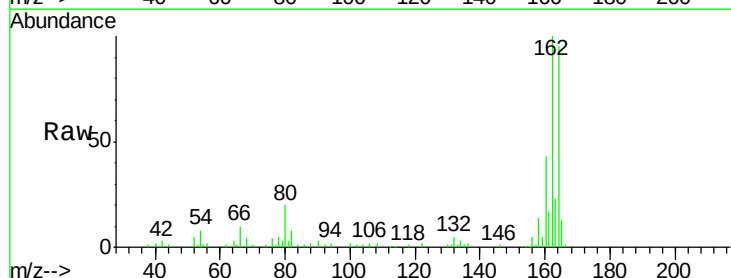
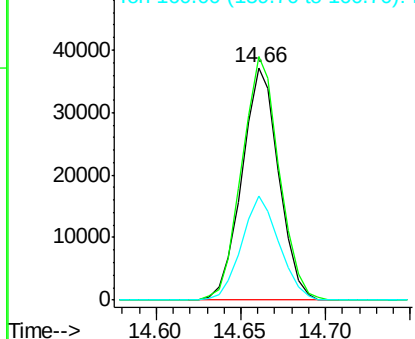
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	56110		
162	104.9	82.6	124.0	
160	44.8	36.9	55.3	

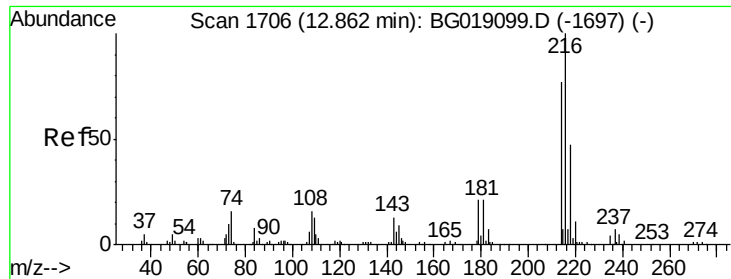
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





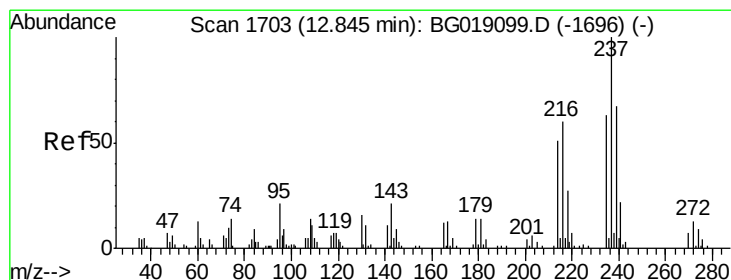
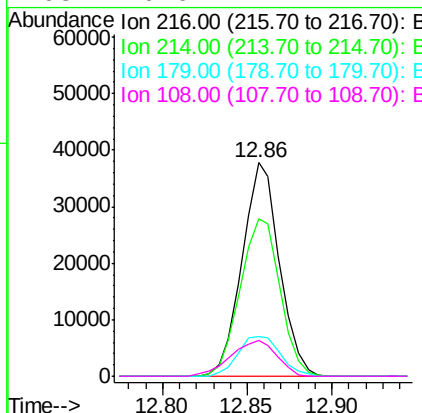
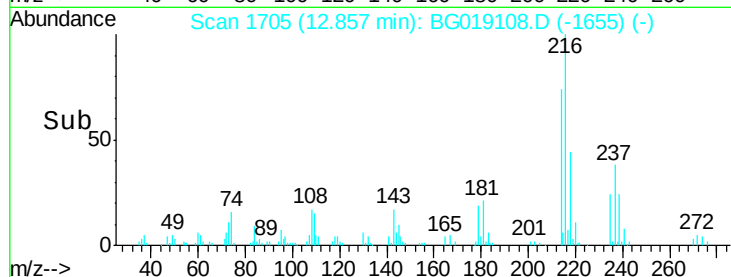
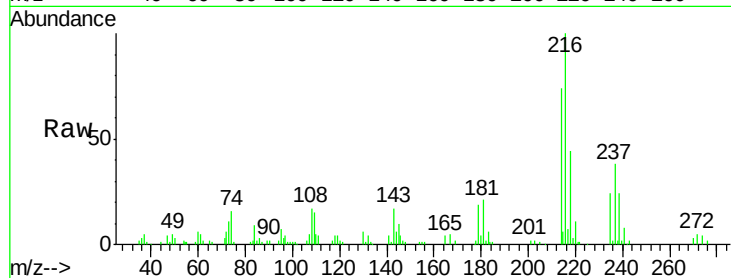
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.92 ng
 RT: 12.86 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BS

Manual Integrations
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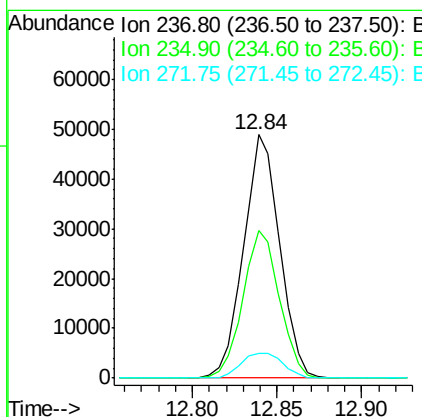
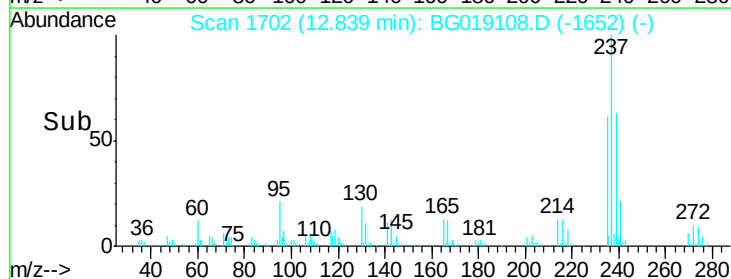
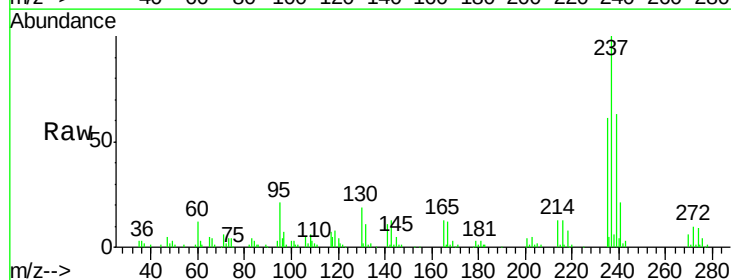
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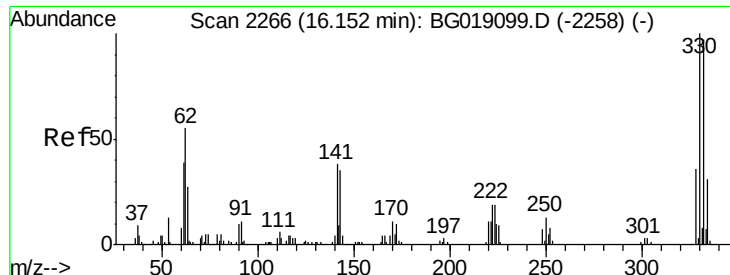
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	57923		
214	78.7	64.0	96.0	
179	21.2	16.9	25.3	
108	20.6	14.7	22.1	



#40
 Hexachlorocyclopentadiene
 Concen: 86.52 ng
 RT: 12.84 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	72576		
235	60.8	43.2	83.2	
272	10.3	0.0	33.2	





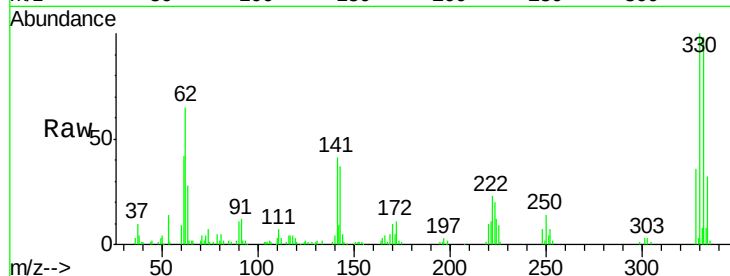
#41
 2,4,6-Tribromophenol
 Concen: 78.99 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	60396		
332	95.4	77.3	115.9	
141	38.8	30.7	46.1	

Manual Integrations
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MMdadoda
 10/12/2015 7:00:55 PM

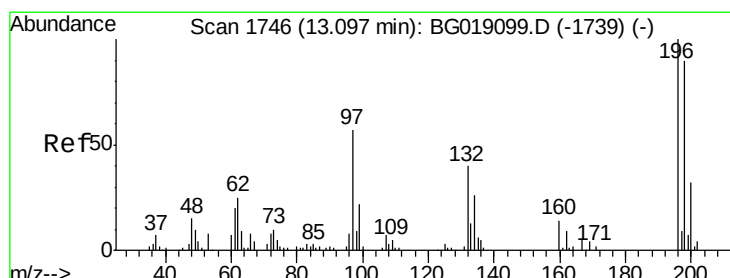
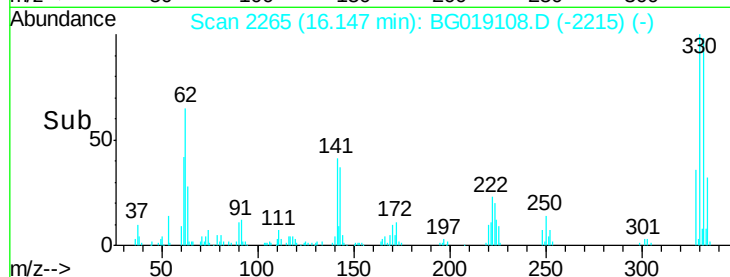
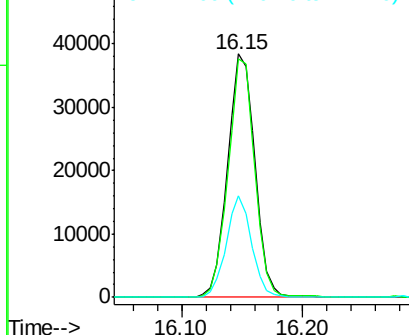


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 36.68 ng
 RT: 13.10 min Scan# 1746
 Delta R.T. 0.00 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

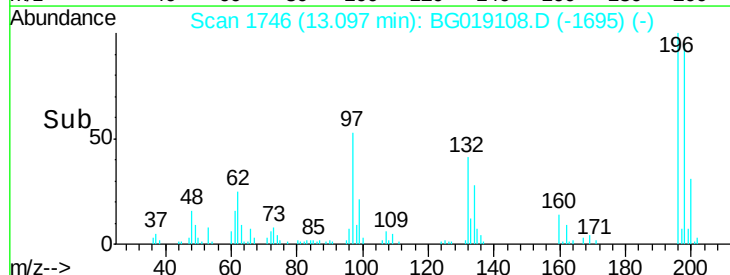
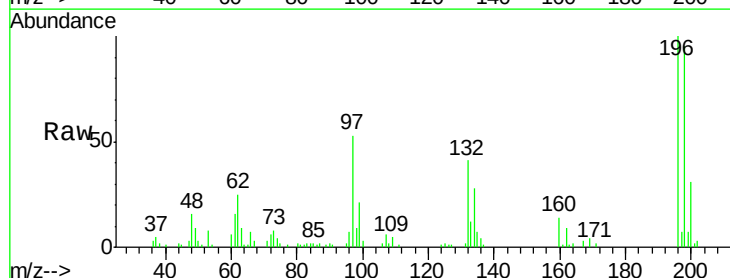
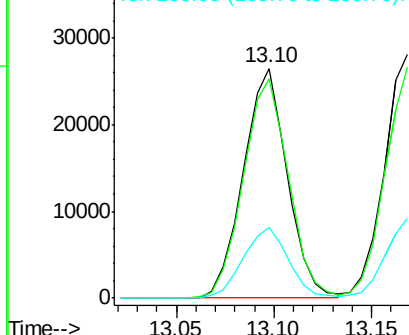
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	41183		
198	95.1	72.0	108.0	
200	30.9	25.5	38.3	

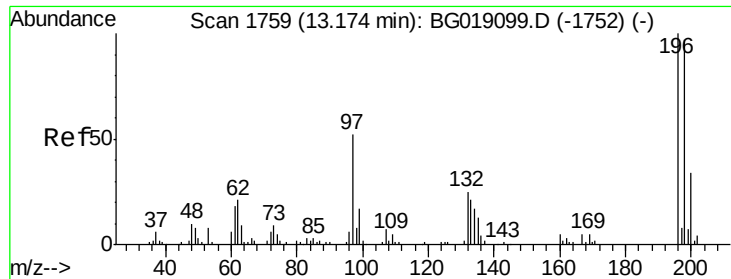
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

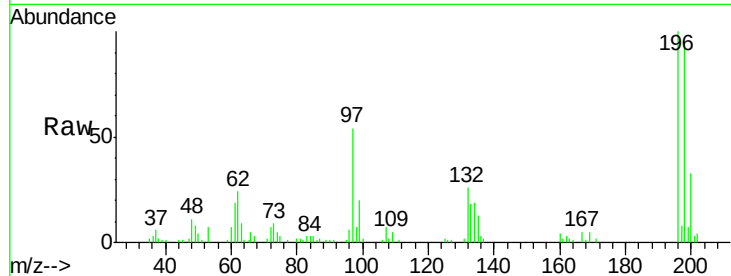
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 39.67 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

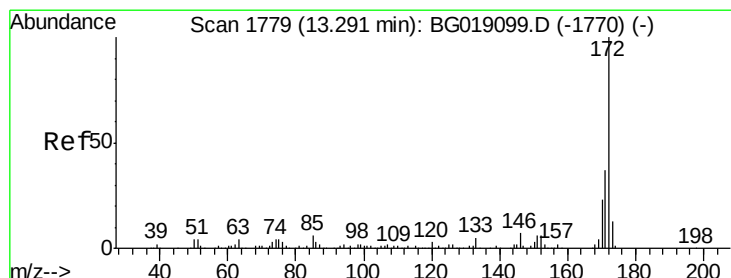
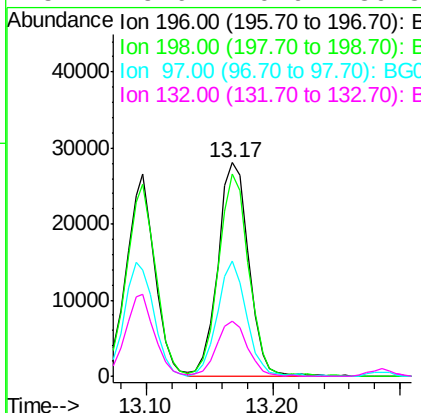
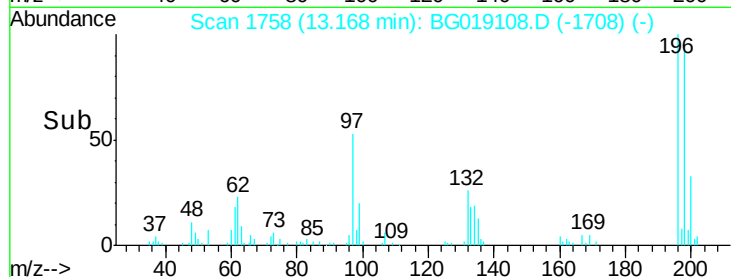
Instrument :
 BNA_G
 ClientSampleId :
 PB85979BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	47327		
198	94.8	77.7	116.5	
97	53.8	41.4	62.2	
132	25.6	20.6	30.8	

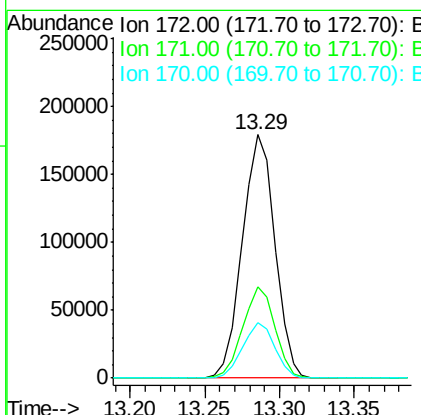
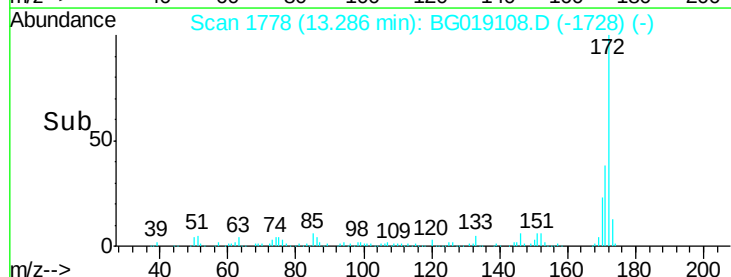
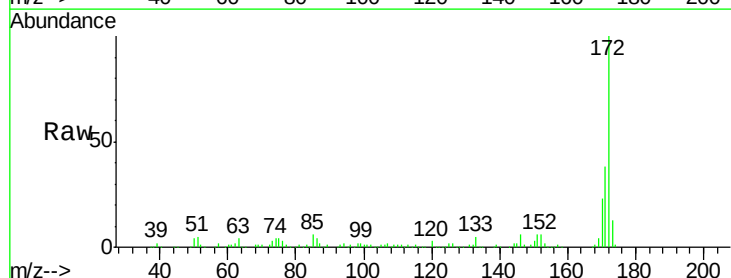
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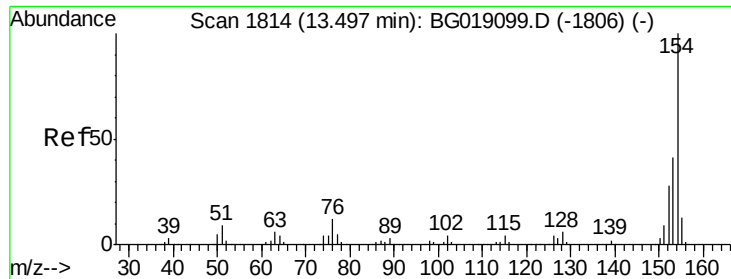
MMdadoda
 10/12/2015 7:00:55 PM



#44
 2-Fluorobiphenyl
 Concen: 74.16 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	270610		
171	37.8	29.9	44.9	
170	23.0	18.6	27.8	





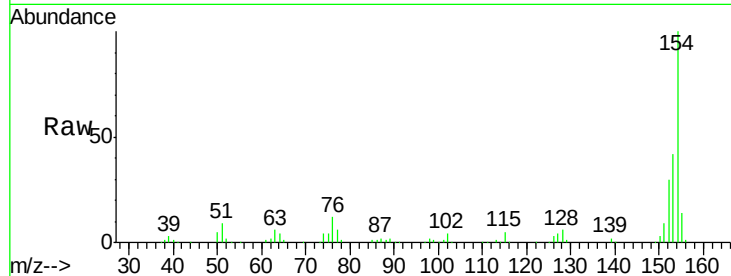
#45
 1,1'-Biphenyl
 Concen: 35.75 ng
 RT: 13.50 min Scan# 1814
 Delta R.T. 0.00 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BS

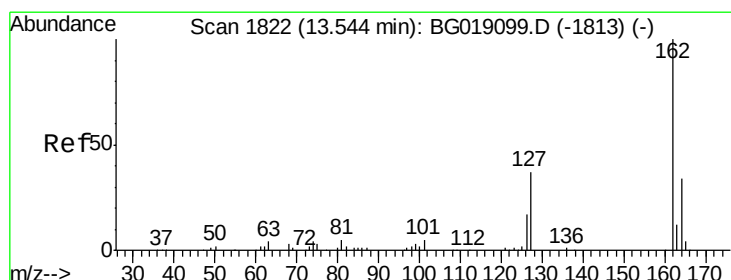
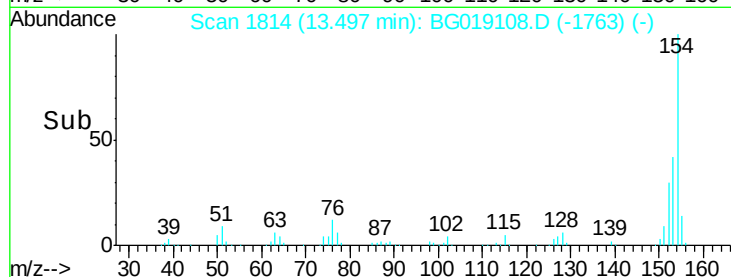
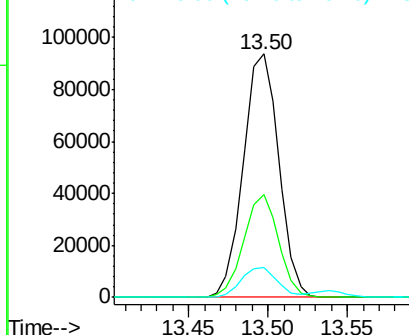
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	145693		
153	42.3	20.6	60.6	
76	12.0	0.0	32.2	

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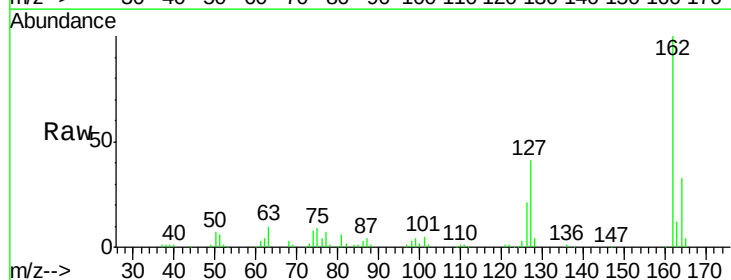


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

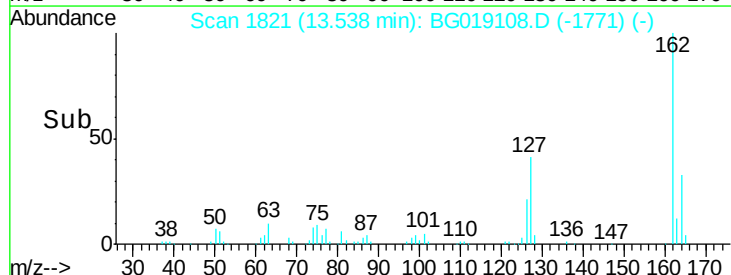
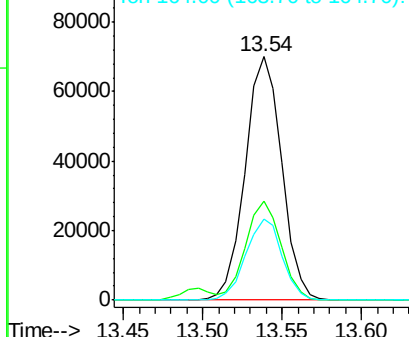


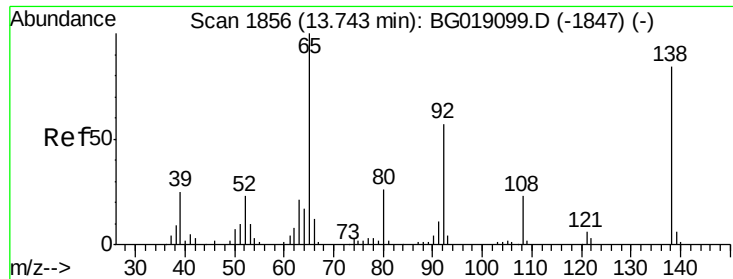
#46
 2-Chloronaphthalene
 Concen: 35.71 ng
 RT: 13.54 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	111949		
127	40.8	32.2	48.4	
164	33.4	27.3	40.9	



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





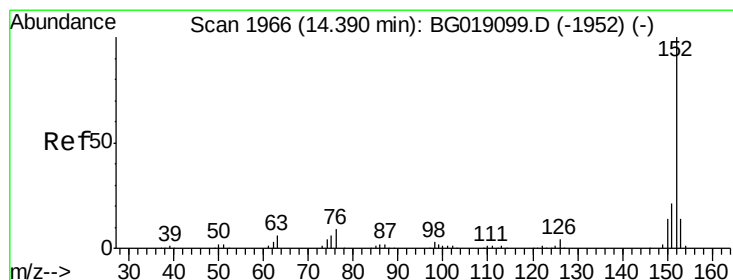
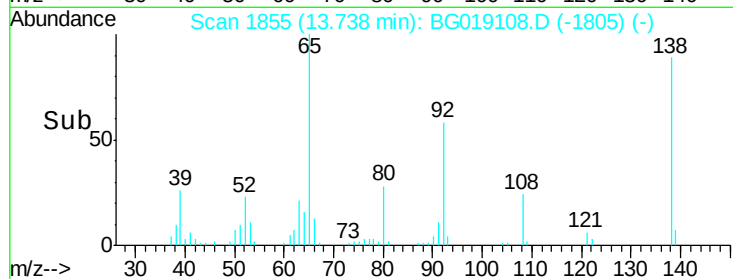
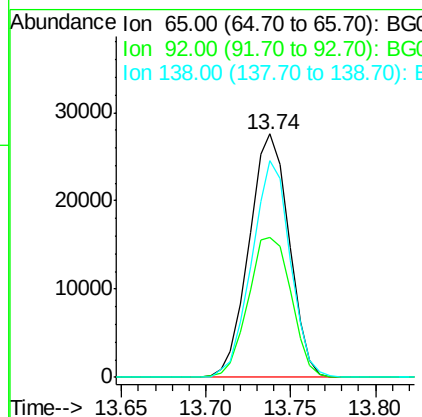
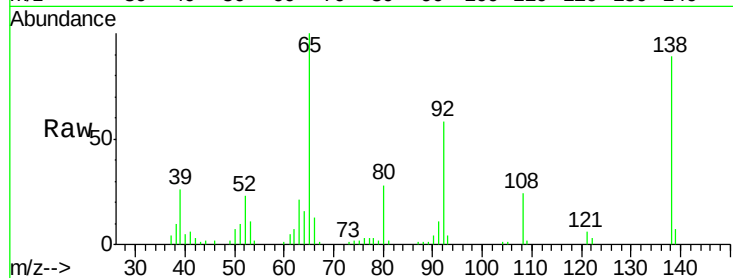
#47
2-Nitroaniline
Concen: 36.17 ng
RT: 13.74 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Instrument :
BNA_G
ClientSampleId :
PB85979BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.6	45.8	68.8
138	89.2	66.9	100.3

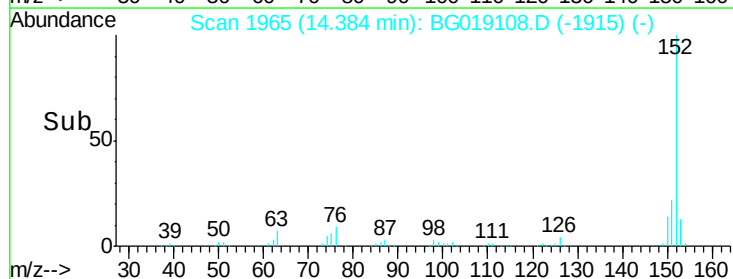
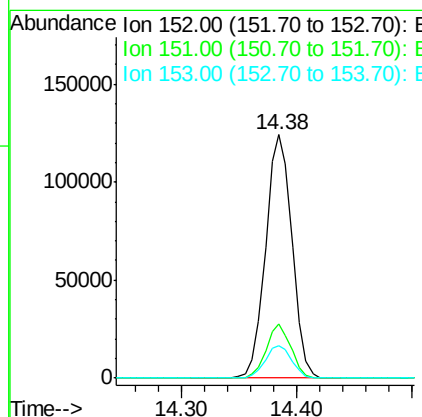
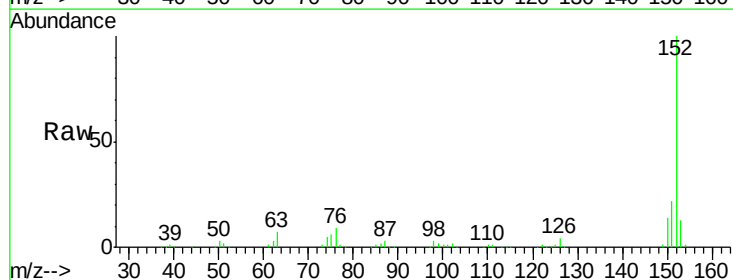
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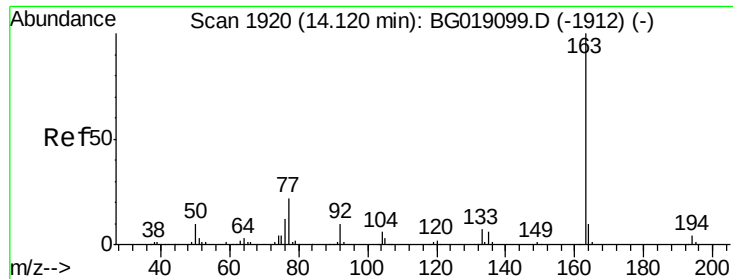
MMdadoda
10/12/2015 7:00:55 PM



#48
Acenaphthylene
Concen: 35.66 ng
RT: 14.38 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.8	25.2
153	13.4	11.0	16.4





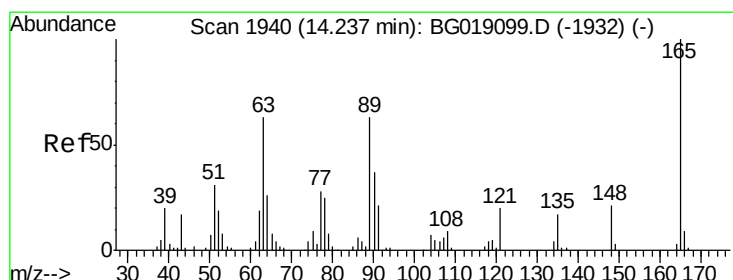
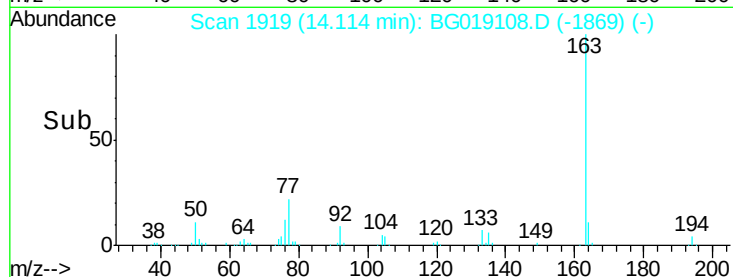
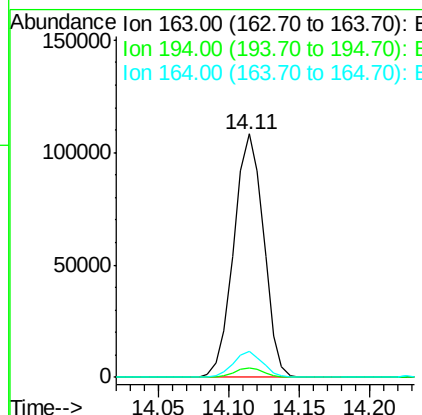
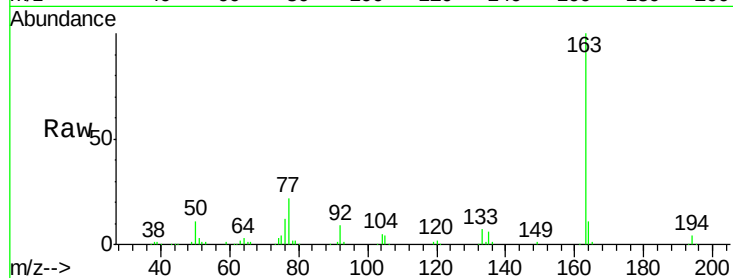
#49
Dimethylphthalate
Concen: 36.02 ng
RT: 14.11 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Instrument :
BNA_G
ClientSampleId :
PB85979BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.9	3.2	4.8
164	10.5	8.1	12.1

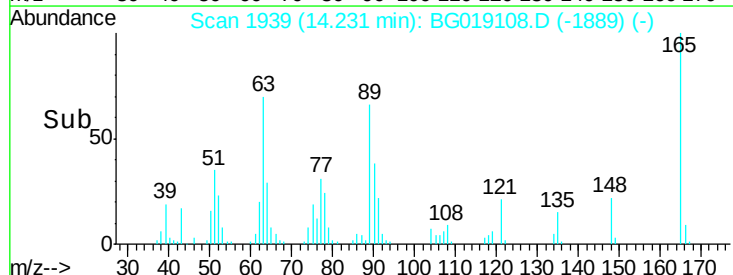
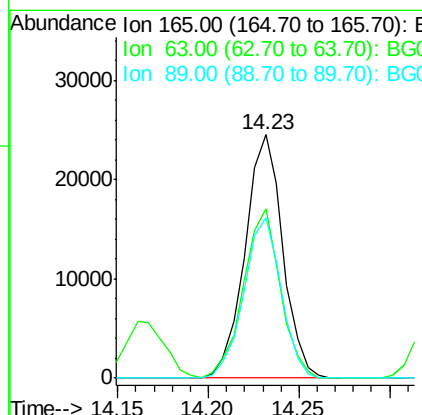
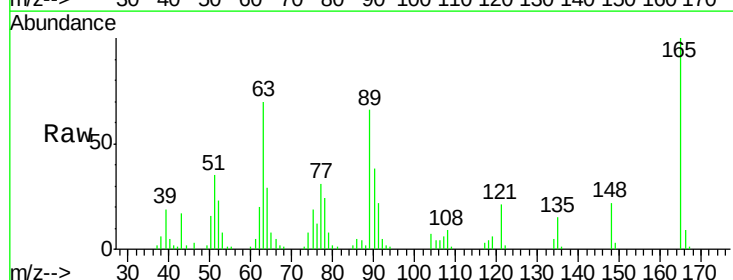
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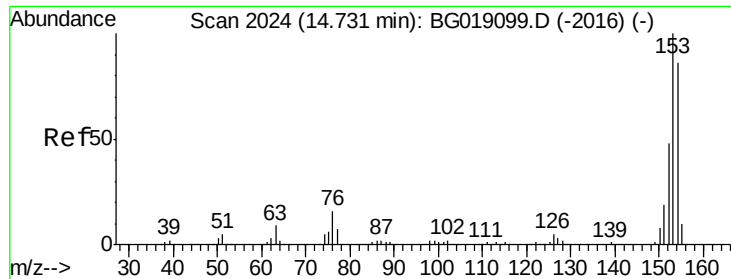
MMdadoda
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#50
2,6-Dinitrotoluene
Concen: 37.21 ng
RT: 14.23 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	69.8	52.6	78.8
89	65.7	50.6	76.0





#51

Acenaphthene

Concen: 34.86 ng

RT: 14.72 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BG019108.D

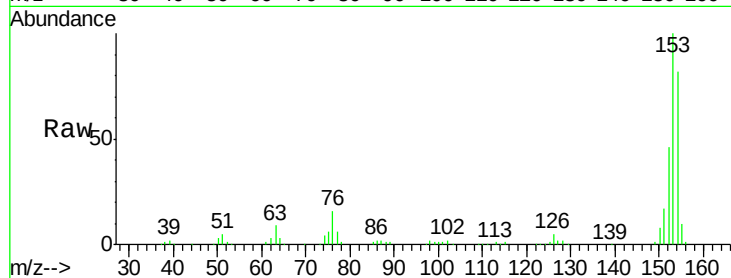
Acq: 10 Oct 2015 9:13

Instrument :

BNA_G

ClientSampleId :

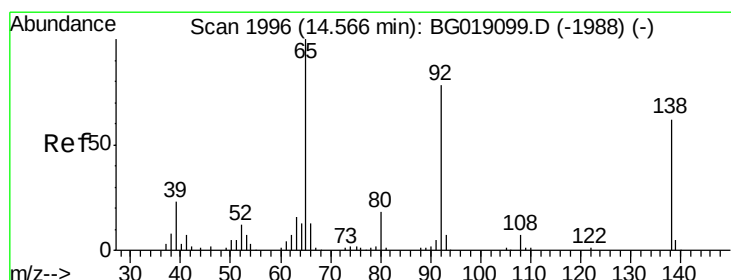
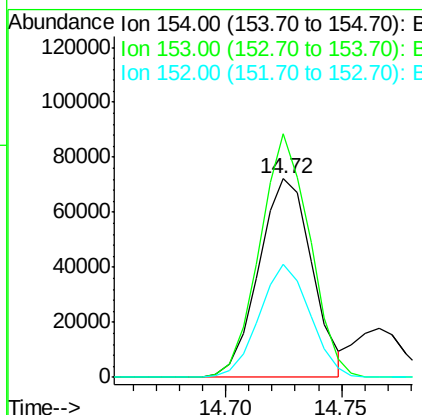
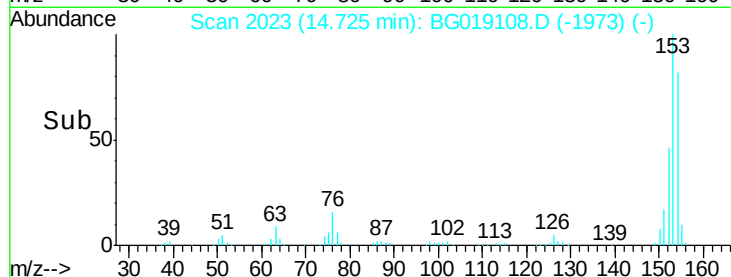
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	122.5	93.4	140.2	
152	56.9	44.9	67.3	

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#52

3-Nitroaniline

Concen: 11.62 ng

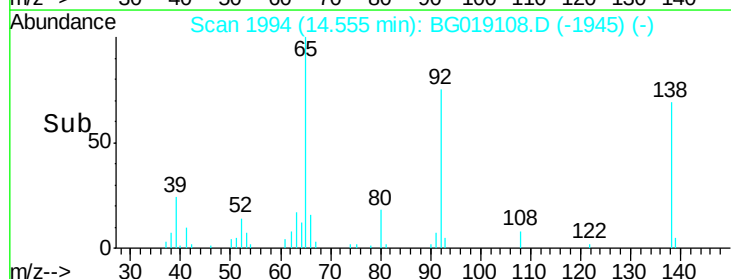
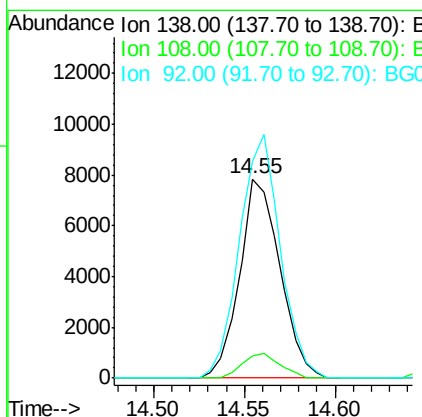
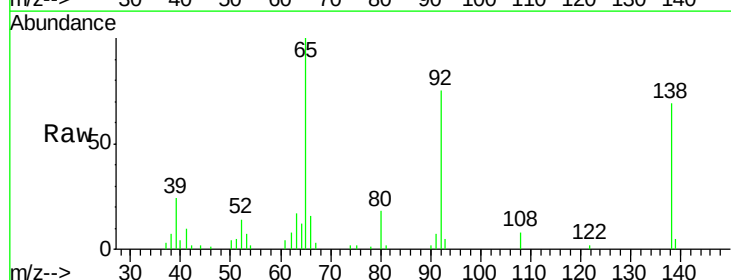
RT: 14.55 min Scan# 1994

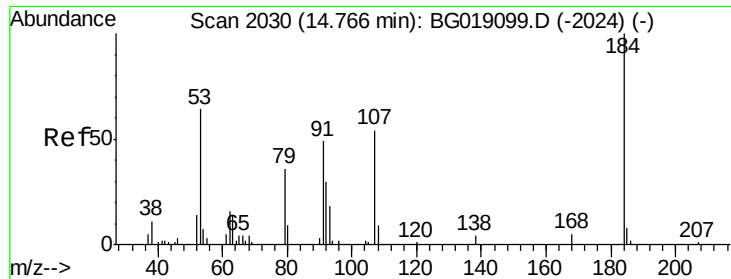
Delta R.T. -0.01 min

Lab File: BG019108.D

Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.9	8.6	13.0	
92	109.2	101.4	152.0	





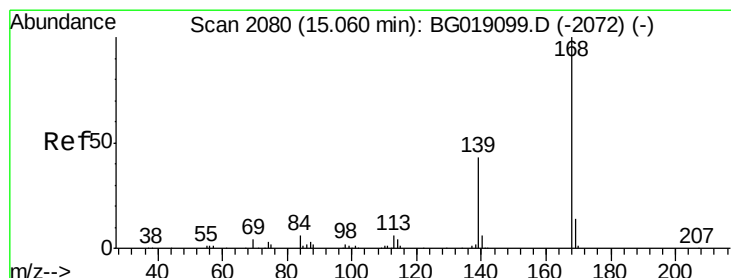
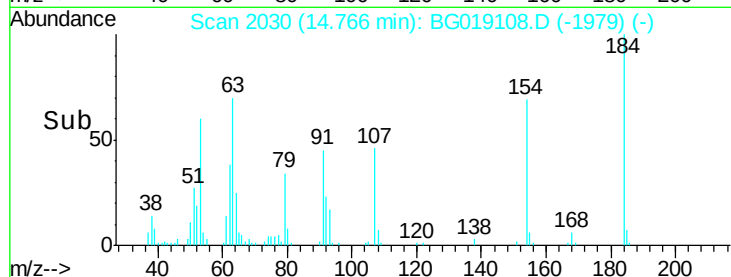
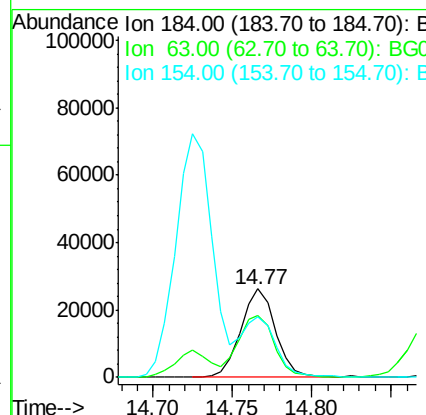
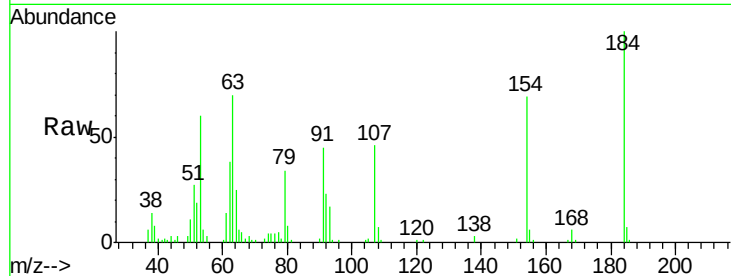
#53
2,4-Dinitrophenol
Concen: 73.99 ng
RT: 14.77 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Instrument :
BNA_G
ClientSampleId :
PB85979BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	40058		
63	70.0	67.5	101.3	
154	68.6	62.4	93.6	

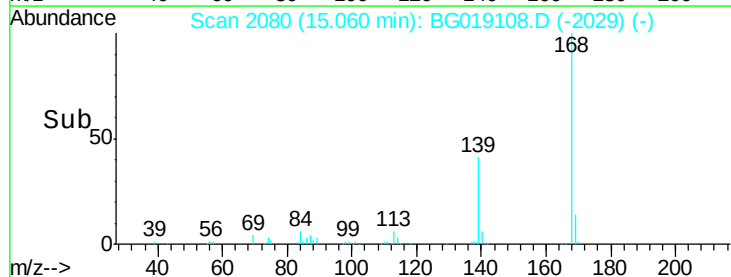
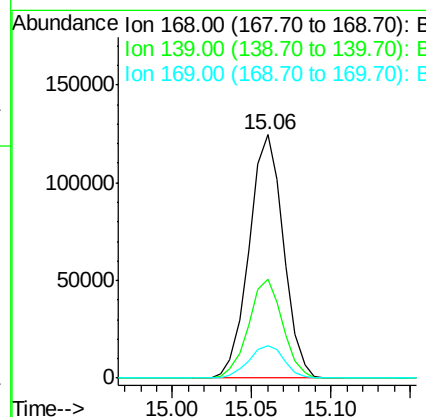
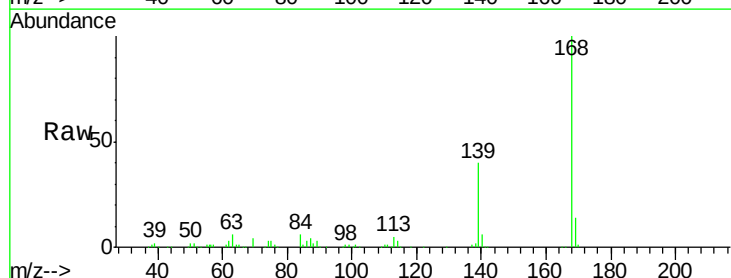
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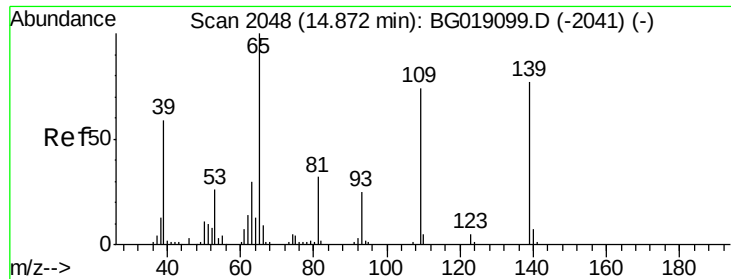
MMdadoda
10/12/2015 7:00:55 PM



#54
Dibenzofuran
Concen: 38.04 ng
RT: 15.06 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	186875		
139	40.5	34.2	51.4	
169	13.6	11.4	17.0	





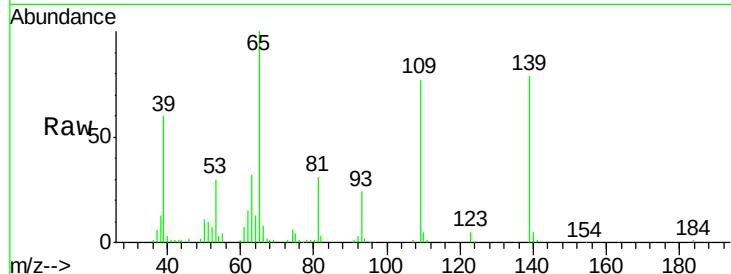
#55
4-Nitrophenol
Concen: 81.64 ng
RT: 14.87 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Instrument :
BNA_G
ClientSampleId :
PB85979BS

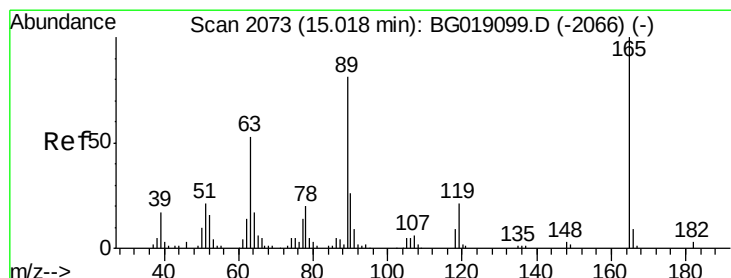
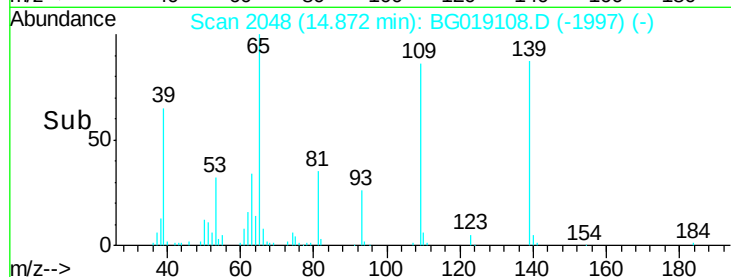
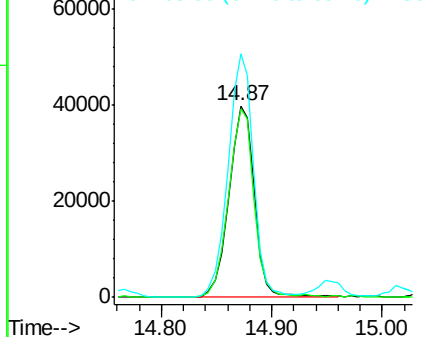
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	64545		
109	98.4	76.8	116.8	
65	127.1	110.0	150.0	

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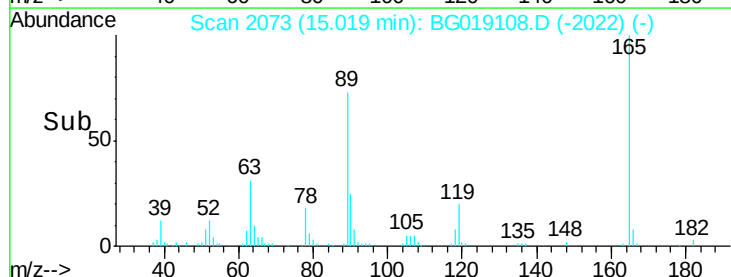
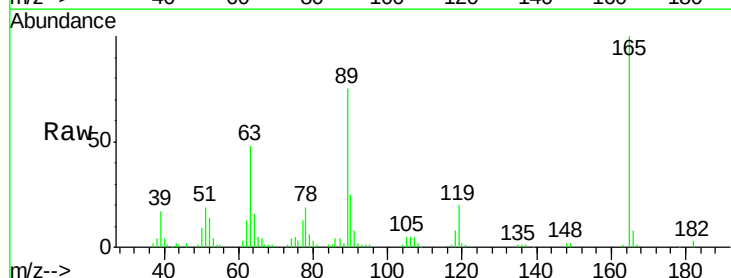
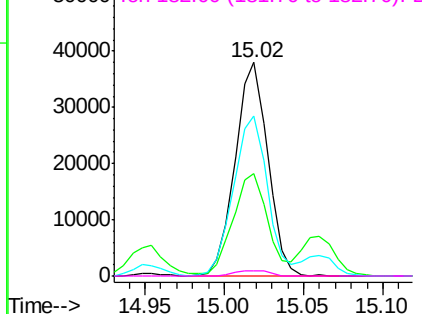
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

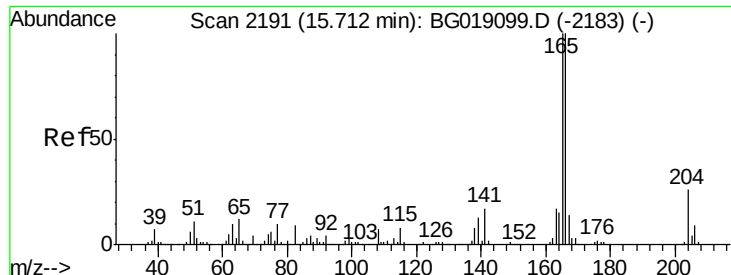


#56
2,4-Dinitrotoluene
Concen: 39.39 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	54222		
63	48.2	42.2	63.2	
89	75.0	64.8	97.2	
182	2.6	2.4	3.6	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





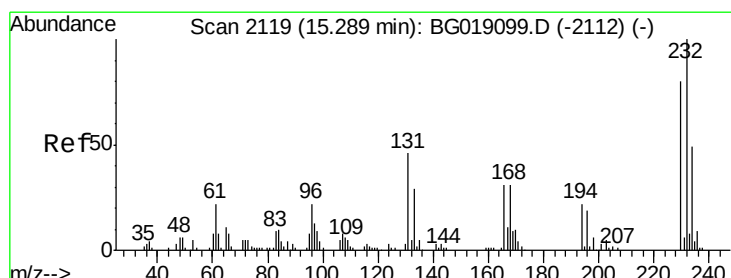
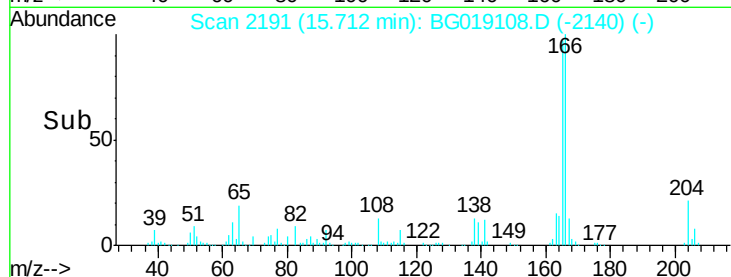
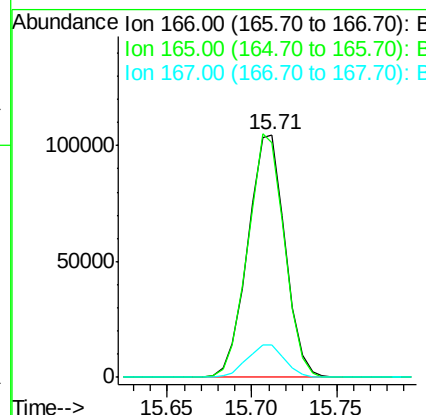
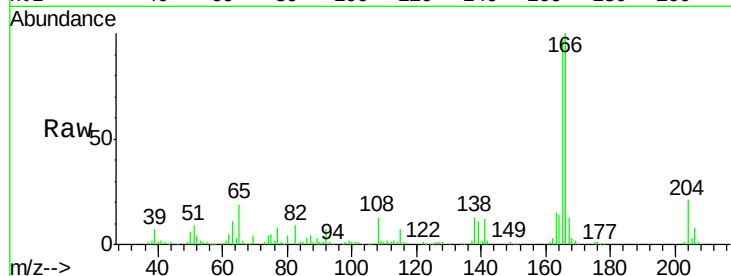
#57
 Fluorene
 Concen: 37.51 ng
 RT: 15.71 min Scan# 2191
 Delta R.T. 0.00 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	159848		
165	96.8	80.2	120.2	
167	13.2	11.4	17.0	

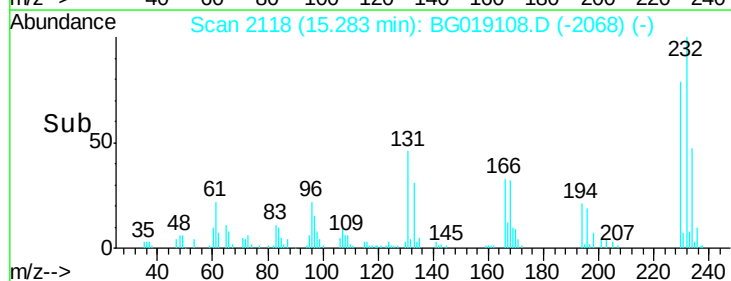
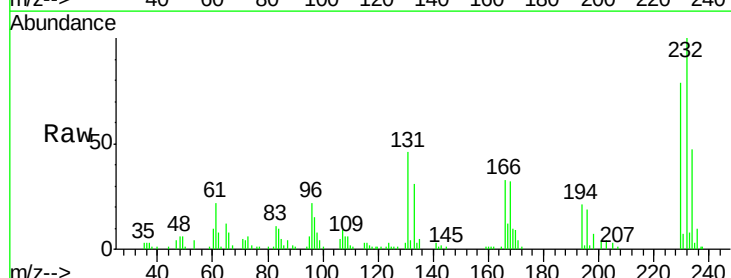
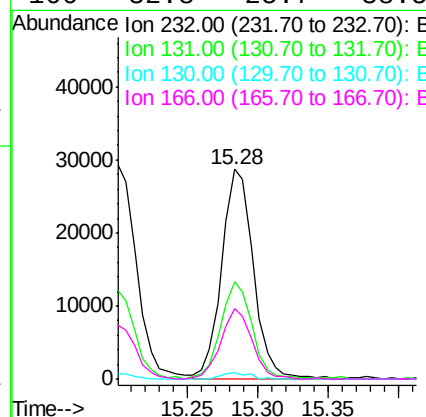
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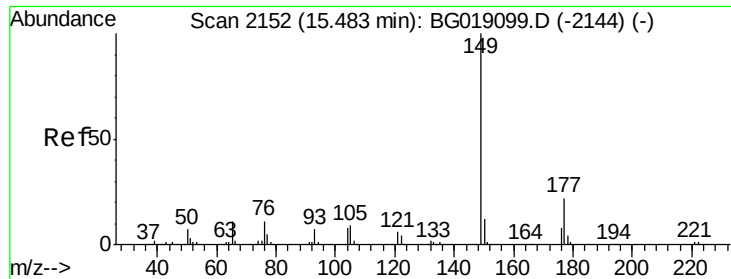
MMdadoda
 10/12/2015 7:00:55 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.77 ng
 RT: 15.28 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	44922		
131	45.8	36.5	54.7	
130	2.6	2.3	3.5	
166	32.8	25.7	38.5	





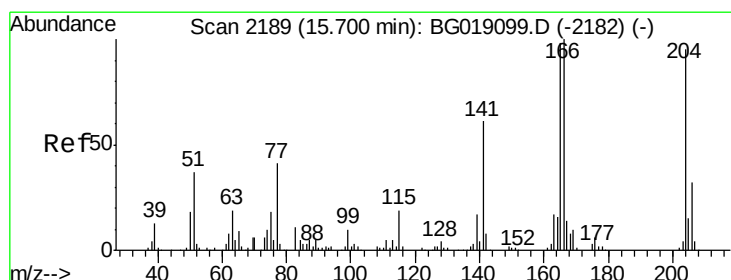
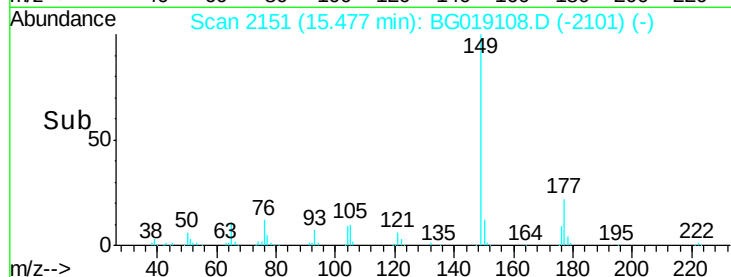
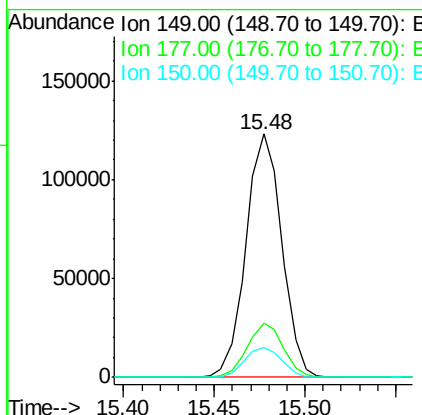
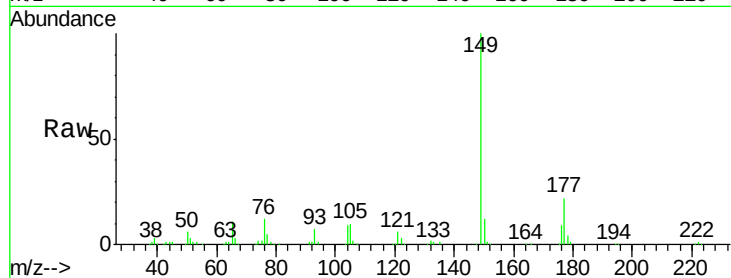
#59
Diethylphthalate
Concen: 36.71 ng
RT: 15.48 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Instrument :
BNA_G
ClientSampleId :
PB85979BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.1	17.7	26.5
150	12.3	9.4	14.2

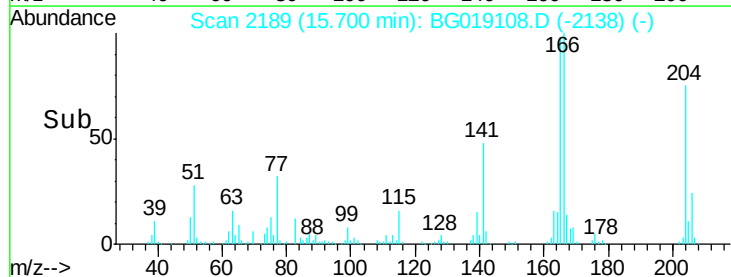
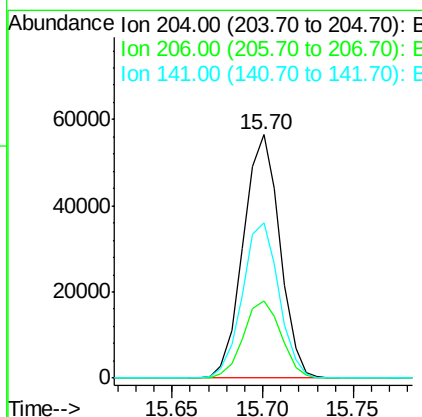
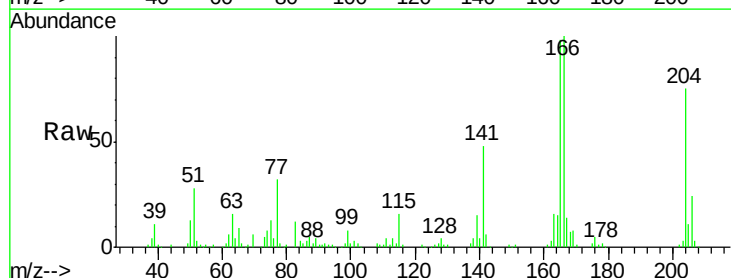
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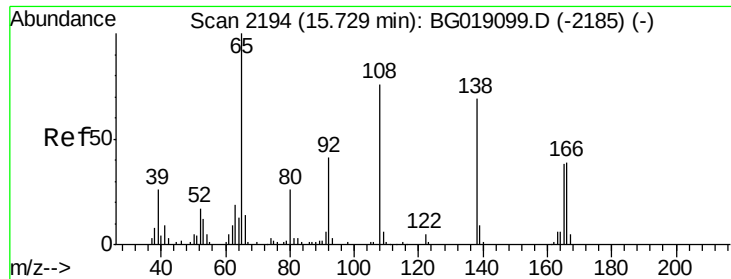
MMdadoda
10/12/2015 7:00:55 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.38 ng
RT: 15.70 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

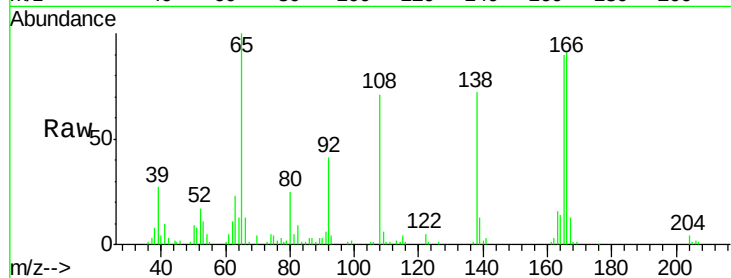
Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	31.8	27.0	40.4
141	63.9	51.9	77.9





#61
4-Nitroaniline
Concen: 34.41 ng
RT: 15.72 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

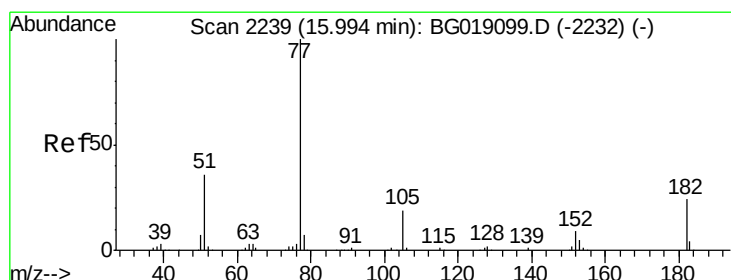
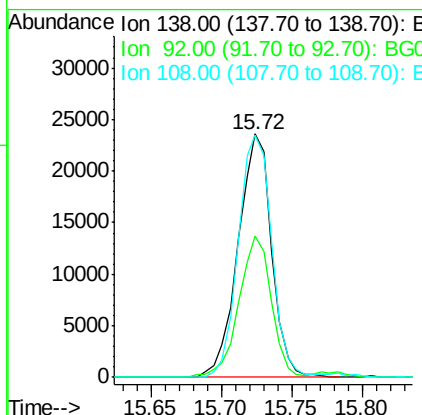
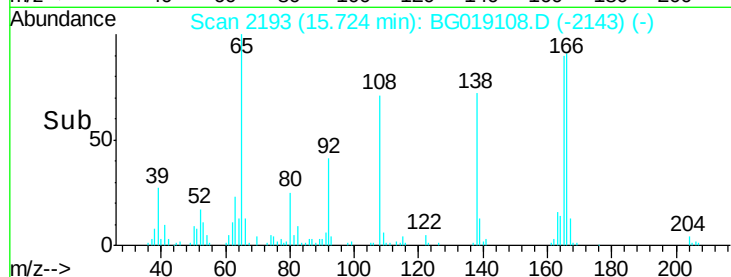
Instrument :
BNA_G
ClientSampleId :
PB85979BS



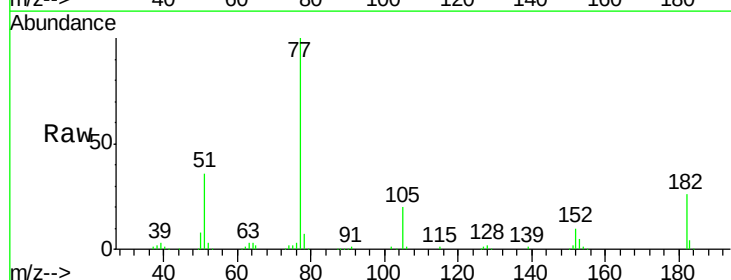
Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.8	39.0	79.0
108	99.3	90.8	130.8

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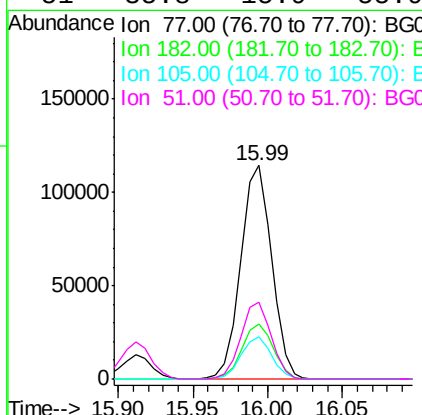
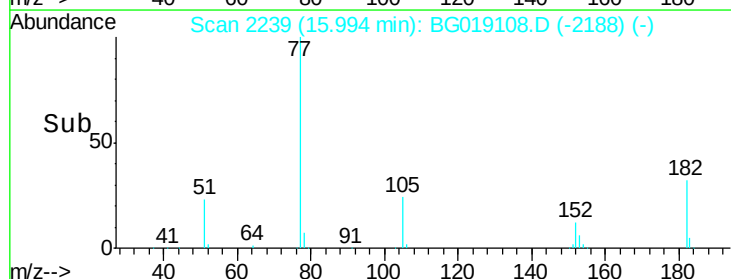
MMdadoda
10/12/2015 7:00:55 PM

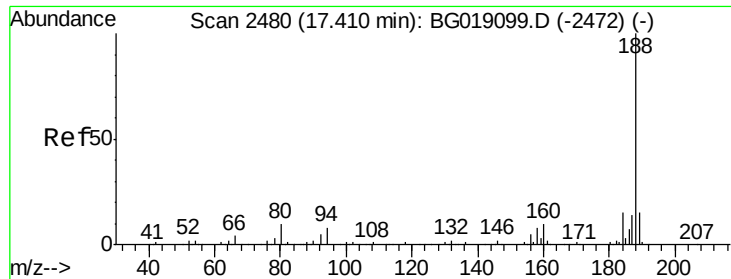


#62
Azobenzene
Concen: 38.32 ng
RT: 15.99 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13



Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	4.4	44.4
105	19.6	0.0	39.1
51	35.8	15.9	55.9





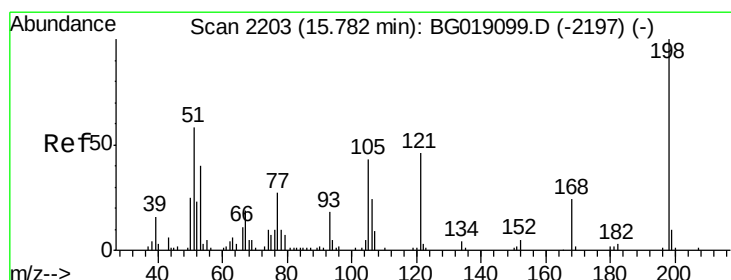
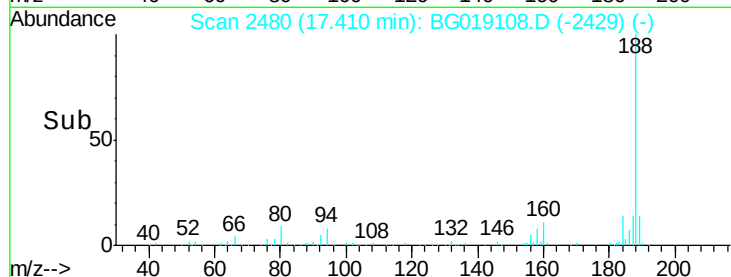
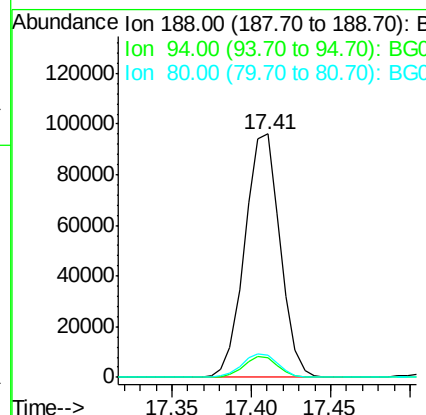
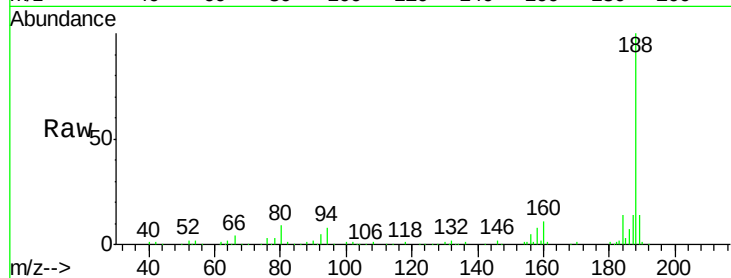
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2480
Delta R.T. 0.00 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Instrument :
BNA_G
ClientSampleId :
PB85979BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.1	6.4	9.6
80	8.9	7.6	11.4

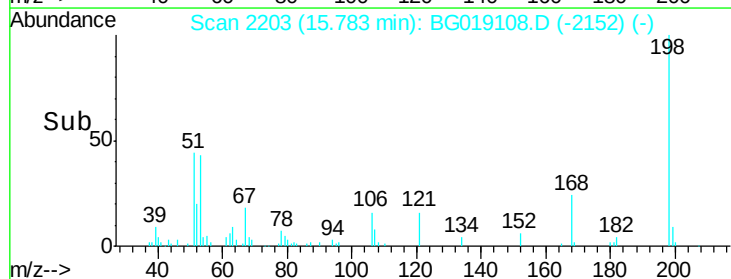
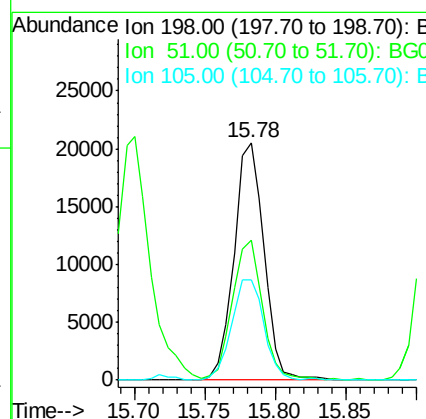
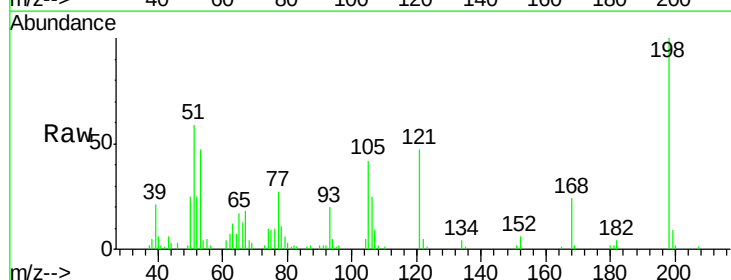
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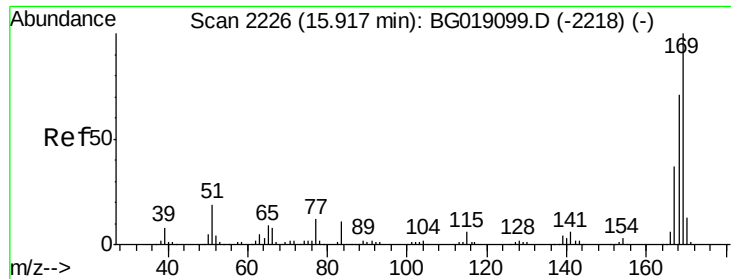
MMdadoda
10/12/2015 7:00:55 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 37.46 ng
RT: 15.78 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	59.0	40.1	80.1
105	42.2	23.4	63.4





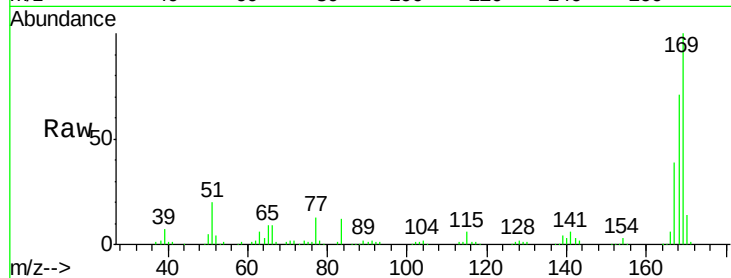
#65
n-Nitrosodiphenylamine
Concen: 35.27 ng
RT: 15.91 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Instrument :
BNA_G
ClientSampleId :
PB85979BS

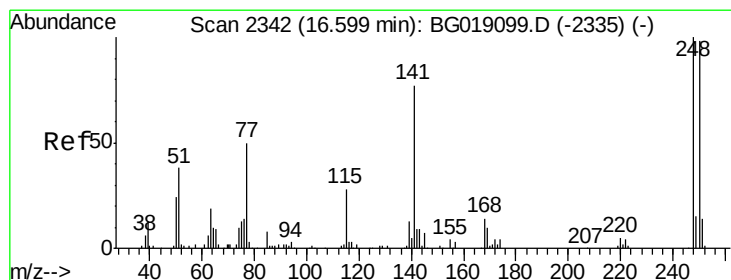
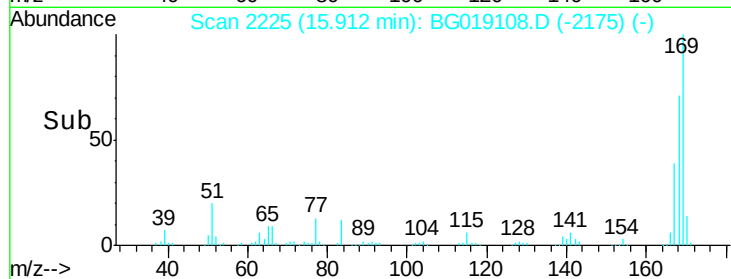
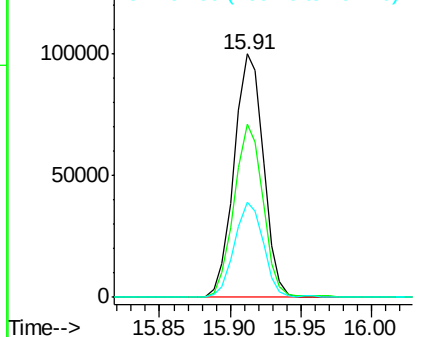
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	144635		
168	71.1	56.6	84.8	
167	38.8	30.0	45.0	

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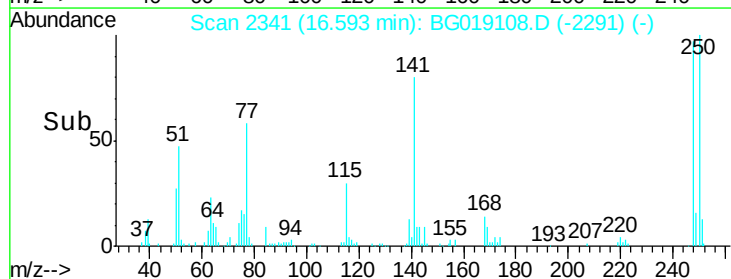
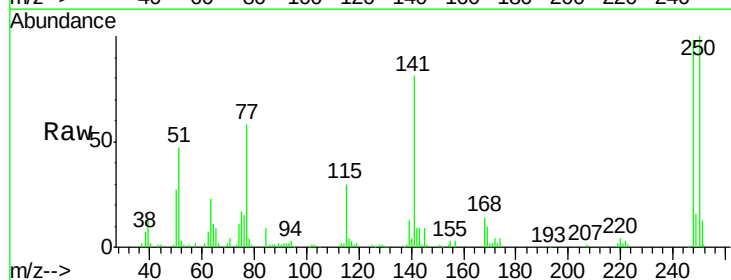
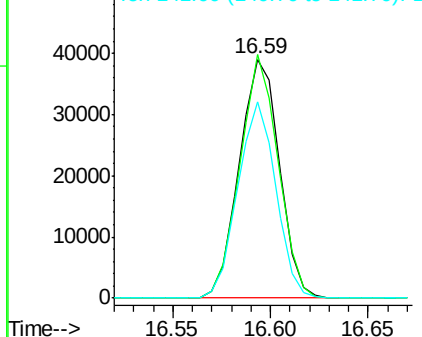
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

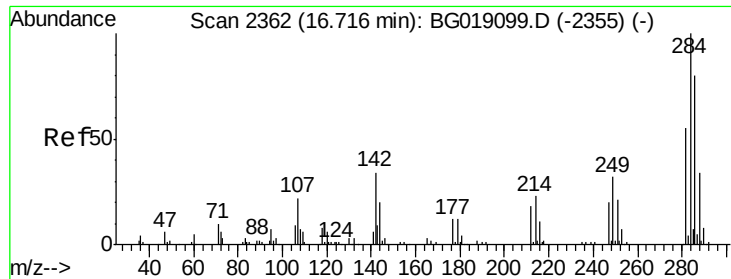


#66
4-Bromophenyl-phenylether
Concen: 36.78 ng
RT: 16.59 min Scan# 2341
Delta R.T. -0.01 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	55462		
250	101.9	78.4	117.6	
141	82.2	61.7	92.5	

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





#67

Hexachlorobenzene

Concen: 37.23 ng

RT: 16.72 min Scan# 2362

Delta R.T. 0.00 min

Lab File: BG019108.D

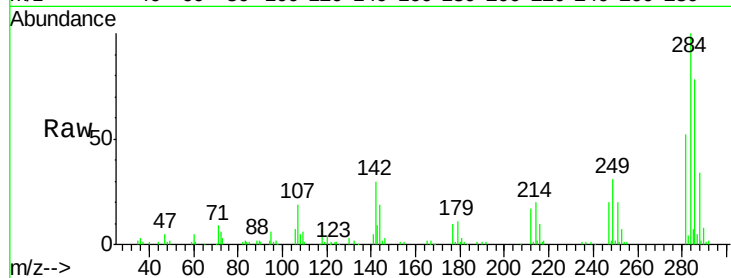
Acq: 10 Oct 2015 9:13

Instrument :

BNA_G

ClientSampleId :

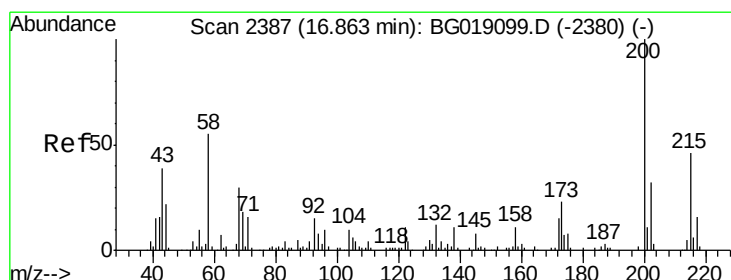
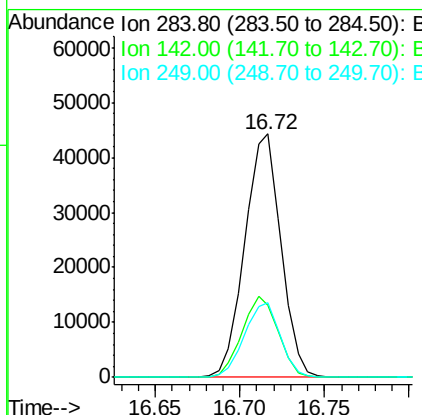
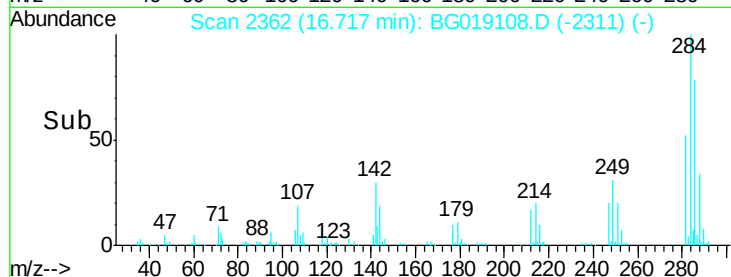
PB85979BS



Tgt Ion:	284	Resp:	65930
Ion Ratio	Lower	Upper	
284	100		
142	29.5	27.0	40.4
249	30.7	25.4	38.2

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#68

Atrazine

Concen: 39.01 ng

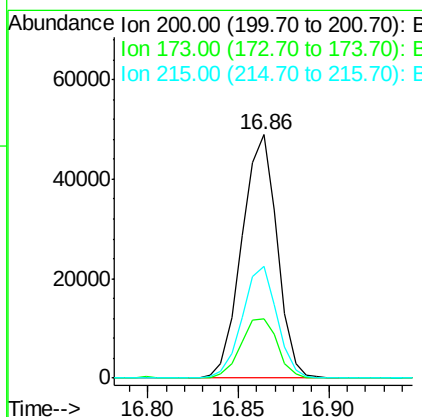
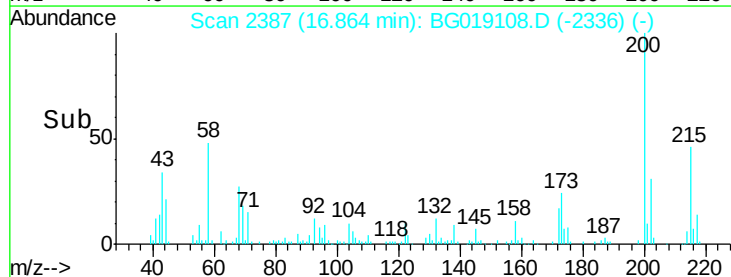
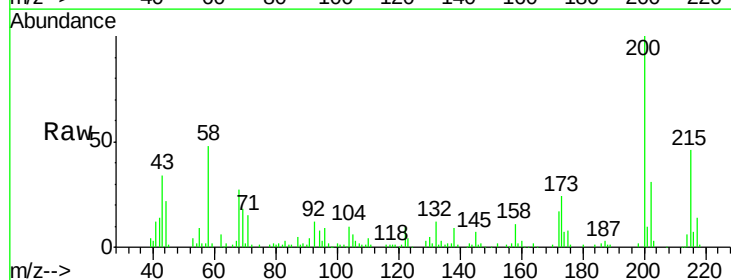
RT: 16.86 min Scan# 2387

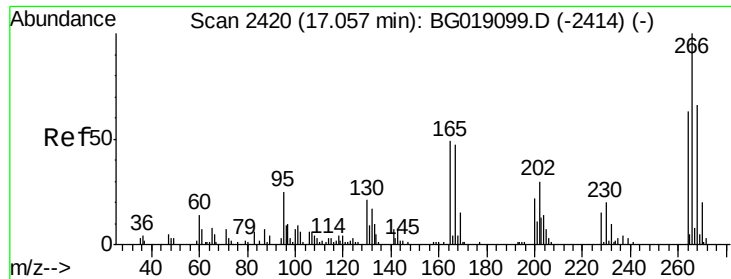
Delta R.T. 0.00 min

Lab File: BG019108.D

Acq: 10 Oct 2015 9:13

Tgt Ion:	200	Resp:	65869
Ion Ratio	Lower	Upper	
200	100		
173	24.5	3.3	43.3
215	46.1	26.4	66.4





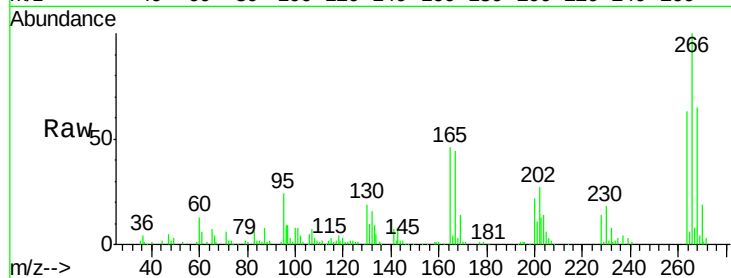
#69
 Pentachlorophenol
 Concen: 79.13 ng
 RT: 17.06 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BS

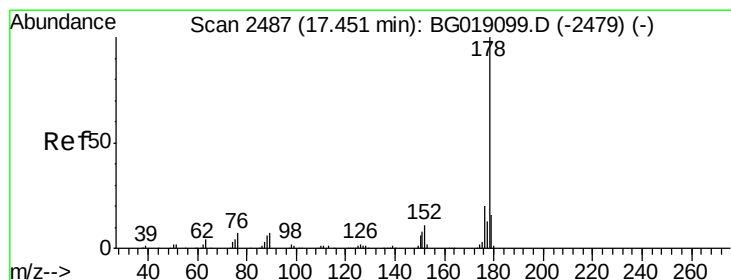
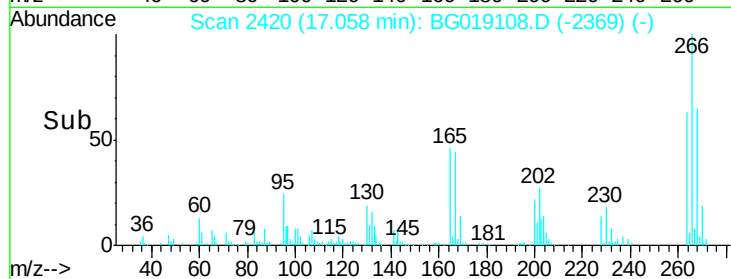
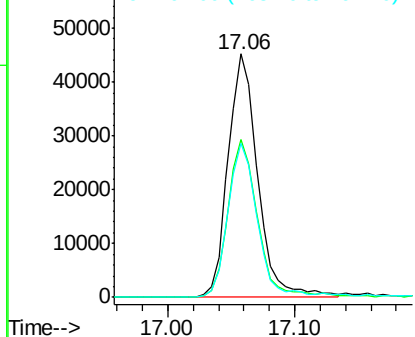
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	73041		
268	64.7	53.0	79.4	
264	63.4	50.1	75.1	

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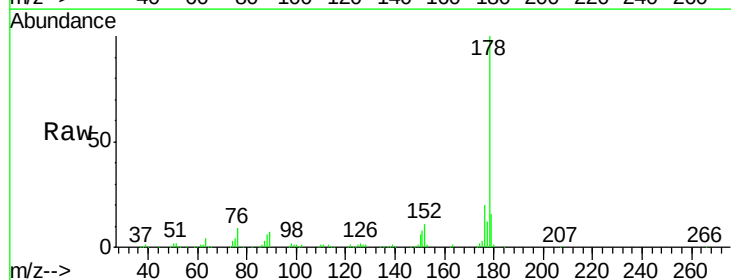


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

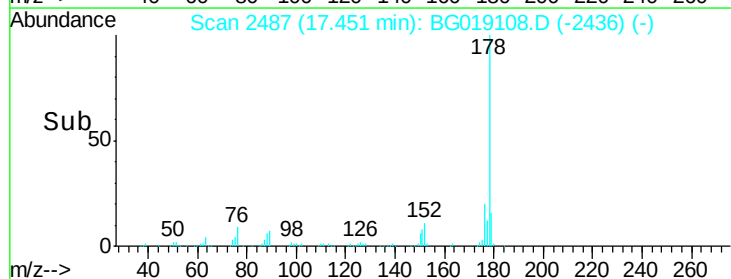
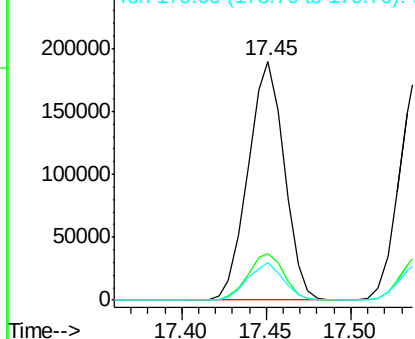


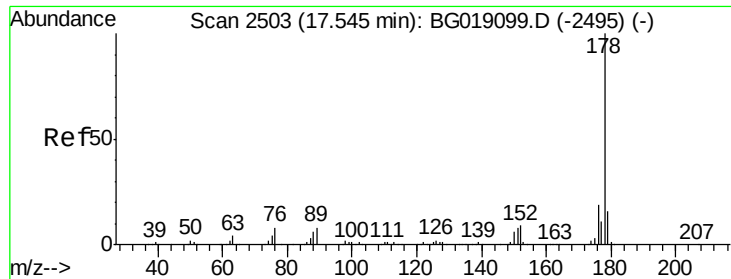
#70
 Phenanthrene
 Concen: 37.02 ng
 RT: 17.45 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	282650		
176	19.7	16.3	24.5	
179	15.8	12.8	19.2	



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





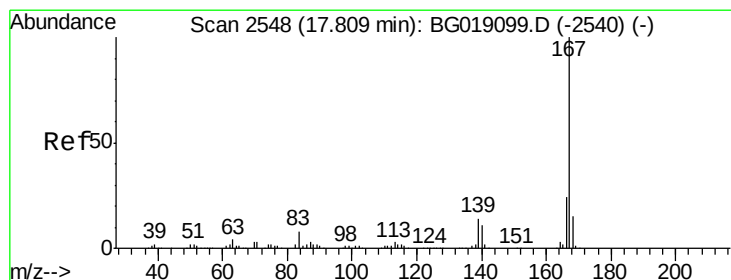
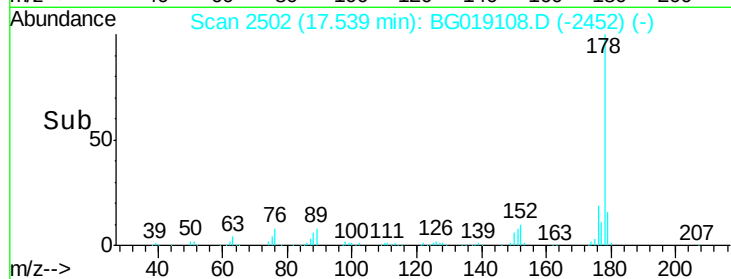
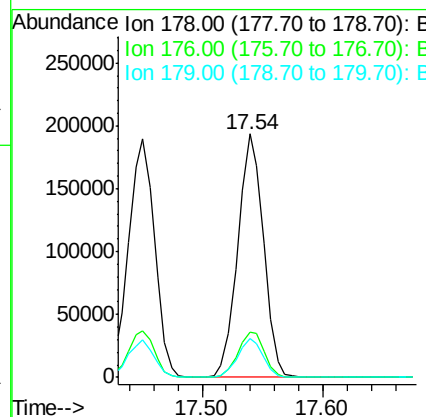
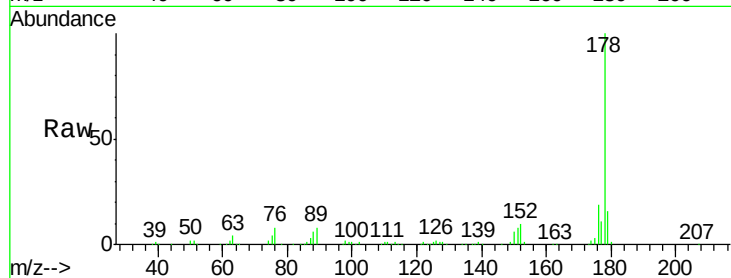
#71
 Anthracene
 Concen: 37.59 ng
 RT: 17.54 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	15.8	12.9	19.3

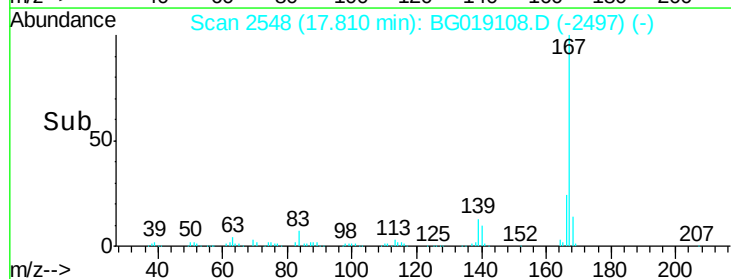
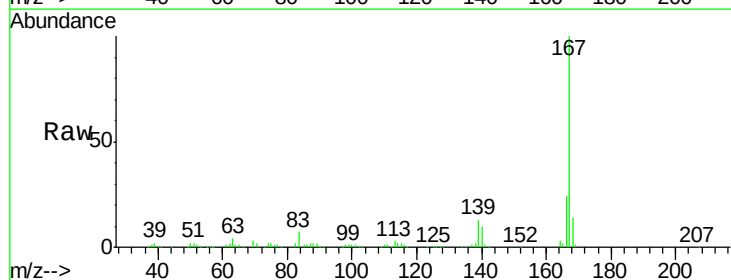
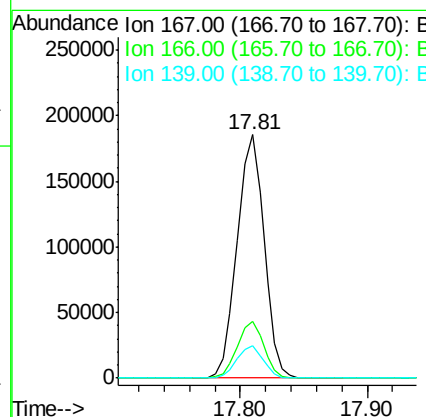
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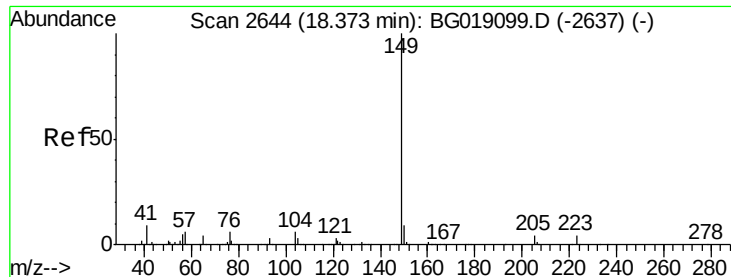
MMdadoda
 10/12/2015 7:00:55 PM



#72
 Carbazole
 Concen: 38.18 ng
 RT: 17.81 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.1	28.7
139	13.4	11.2	16.8





#73

Di-n-butylphthalate

Concen: 37.88 ng

RT: 18.37 min Scan# 2643

Delta R.T. -0.01 min

Lab File: BG019108.D

Acq: 10 Oct 2015 9:13

Instrument :

BNA_G

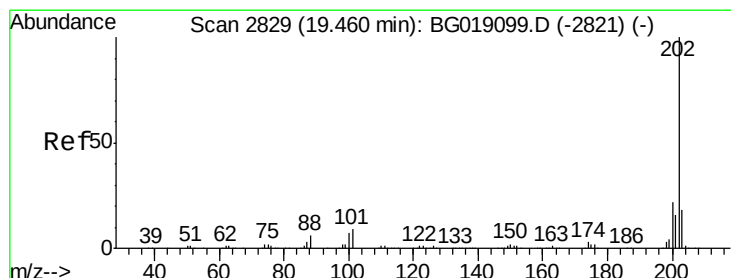
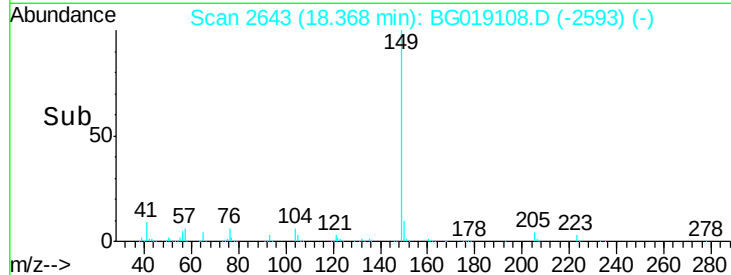
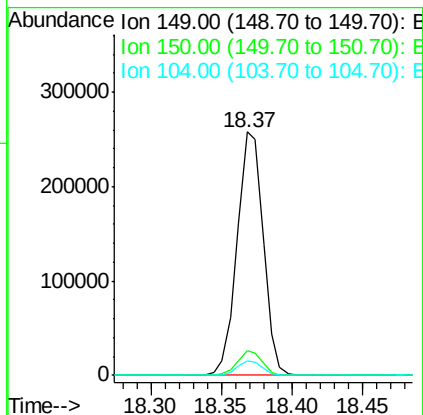
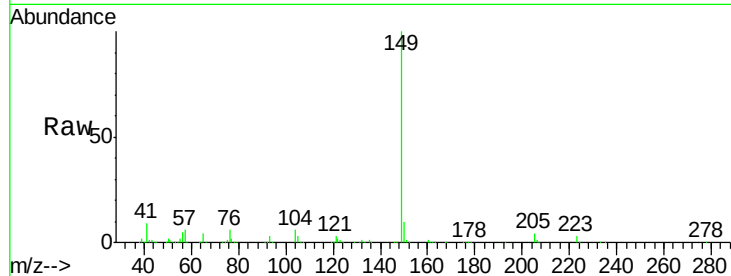
ClientSampleId :

PB85979BS

Tgt Ion:	149	Resp:	331738
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.5	11.3
104	6.0	5.0	7.6

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10/12/2015 7:00:55 PM



#74

Fluoranthene

Concen: 38.22 ng

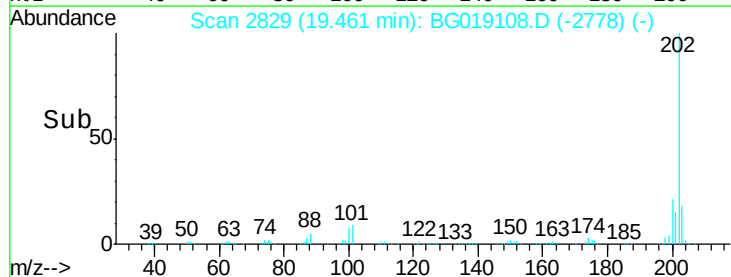
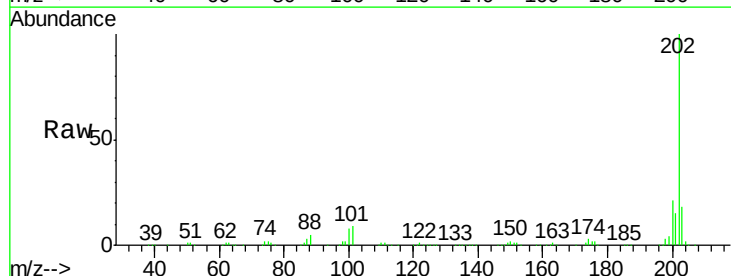
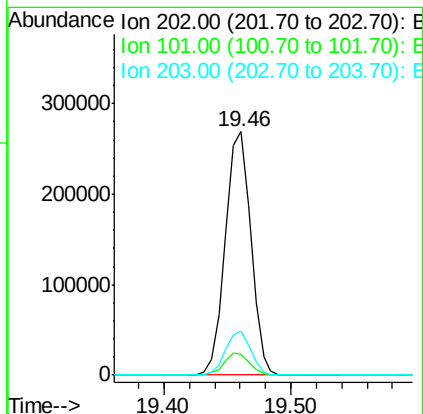
RT: 19.46 min Scan# 2829

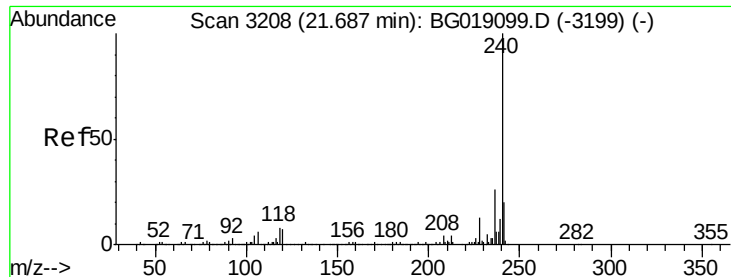
Delta R.T. 0.00 min

Lab File: BG019108.D

Acq: 10 Oct 2015 9:13

Tgt Ion:	202	Resp:	375451
Ion Ratio	Lower	Upper	
202	100		
101	8.6	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: BG019108.D

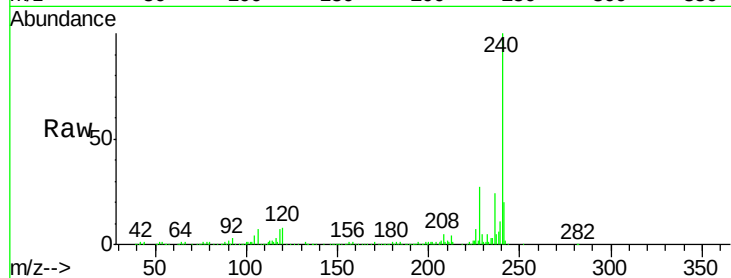
Acq: 10 Oct 2015 9:13

Instrument :

BNA_G

ClientSampleId :

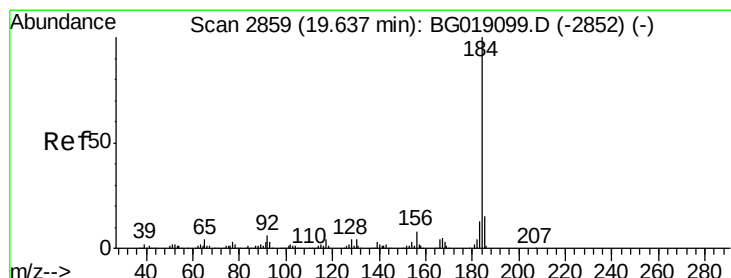
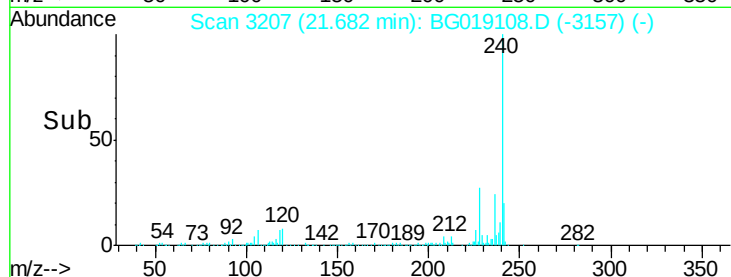
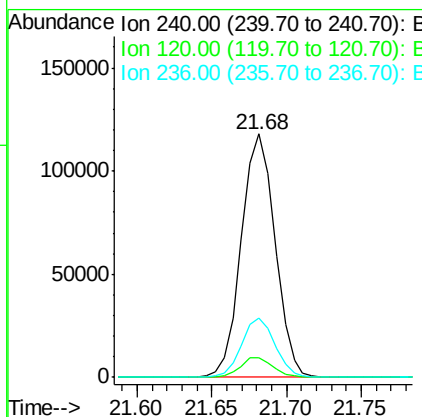
PB85979BS



Tgt Ion:	240	Resp:	184825
Ion Ratio		Lower	Upper
240	100		
120	8.0	5.8	8.6
236	24.4	21.2	31.8

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MMdadoda
10/12/2015 7:00:55 PM



#76

Benzidine

Concen: 18.35 ng

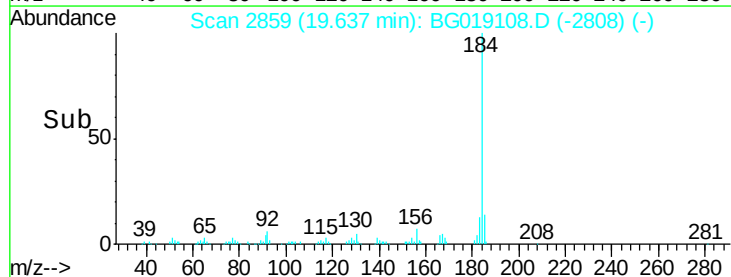
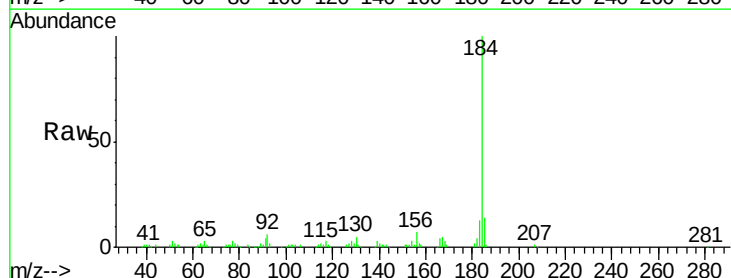
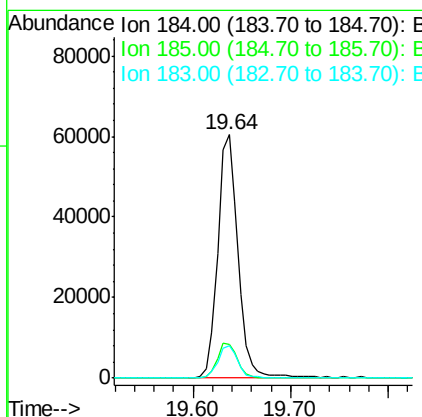
RT: 19.64 min Scan# 2859

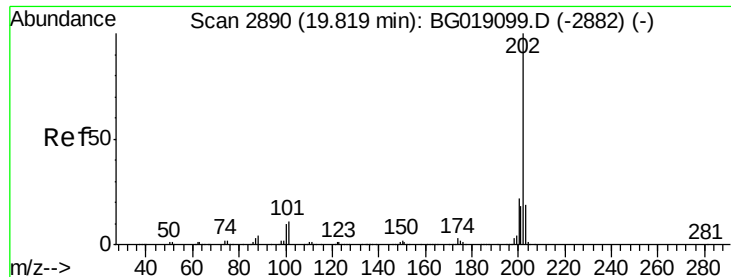
Delta R.T. 0.00 min

Lab File: BG019108.D

Acq: 10 Oct 2015 9:13

Tgt Ion:	184	Resp:	86997
Ion Ratio		Lower	Upper
184	100		
185	13.9	11.9	17.9
183	13.1	10.1	15.1





#77

Pyrene

Concen: 37.47 ng

RT: 19.82 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG019108.D

Acq: 10 Oct 2015 9:13

Instrument :

BNA_G

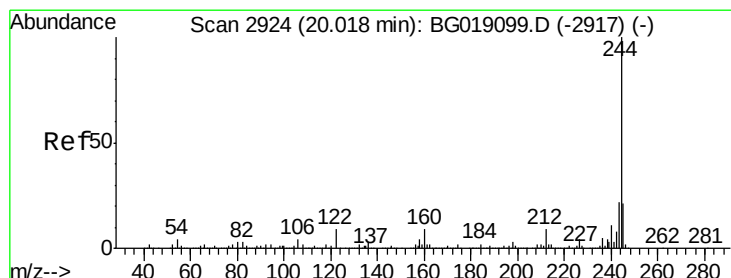
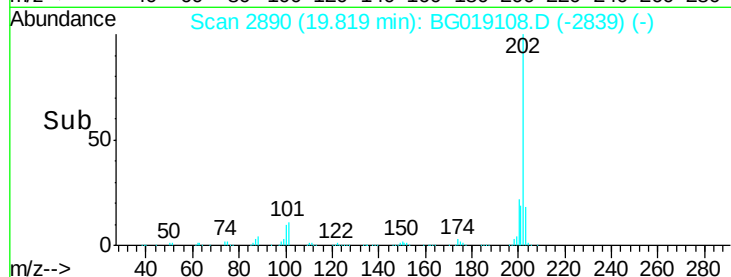
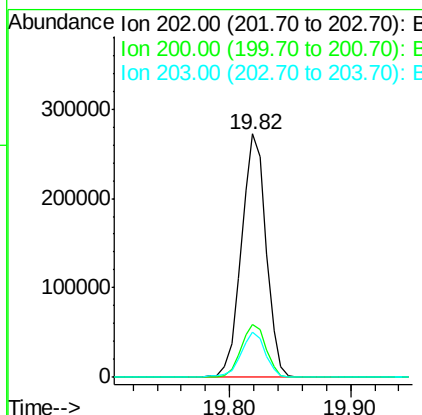
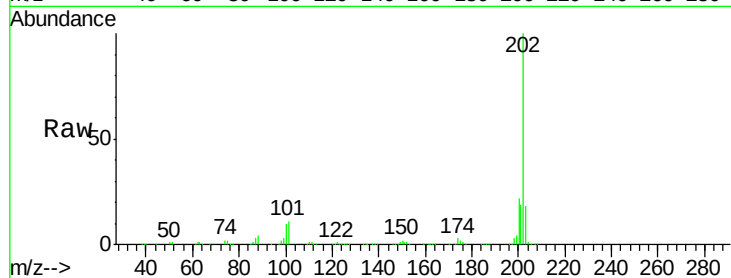
ClientSampleId :

PB85979BS

Tgt	Ion	Resp	Lower	Upper
202	100			
200	21.6	17.4	26.2	
203	18.4	14.8	22.2	

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#78

Terphenyl-d14

Concen: 77.68 ng

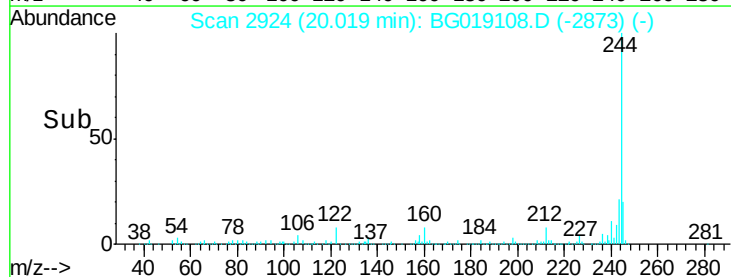
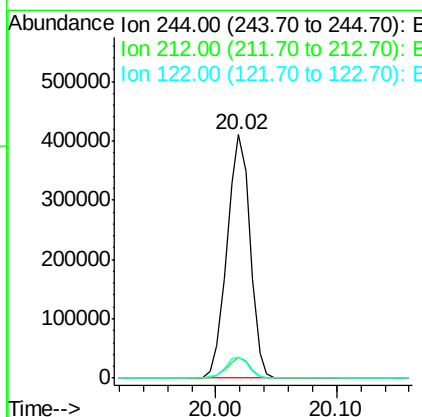
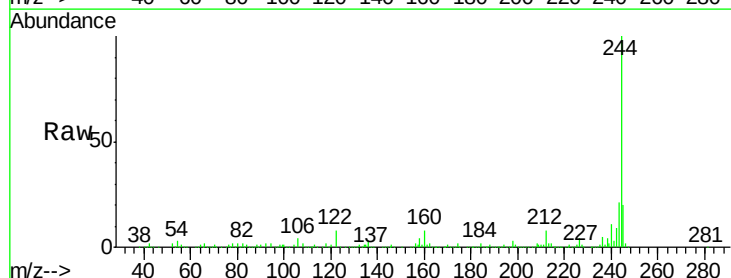
RT: 20.02 min Scan# 2924

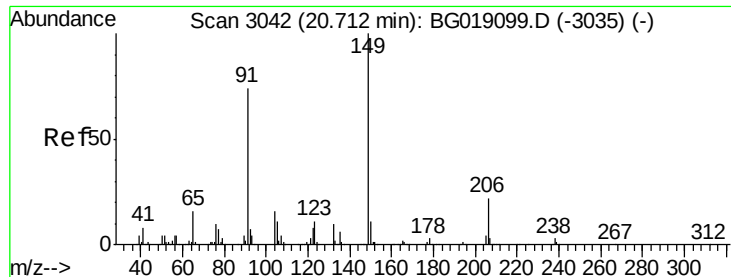
Delta R.T. 0.00 min

Lab File: BG019108.D

Acq: 10 Oct 2015 9:13

Tgt	Ion	Resp	Lower	Upper
244	100			
212	8.4	6.8	10.2	
122	8.5	7.4	11.2	





#79

Butylbenzylphthalate

Concen: 36.72 ng

RT: 20.71 min Scan# 3041

Delta R.T. -0.01 min

Lab File: BG019108.D

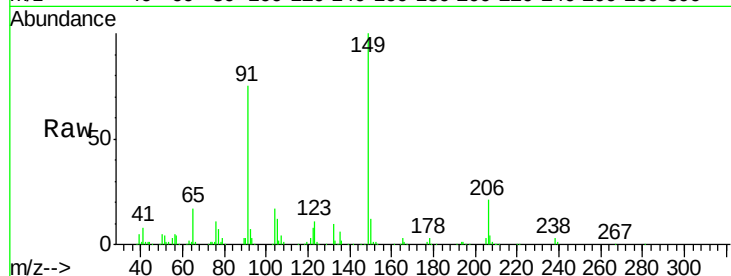
Acq: 10 Oct 2015 9:13

Instrument :

BNA_G

ClientSampleId :

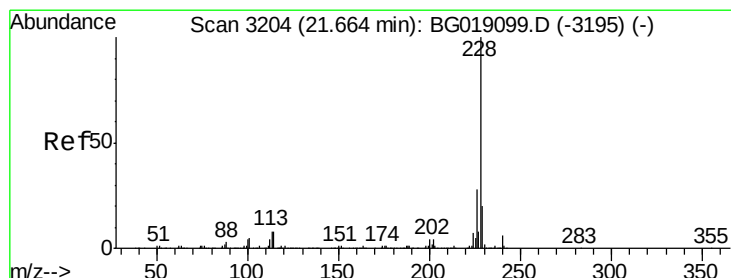
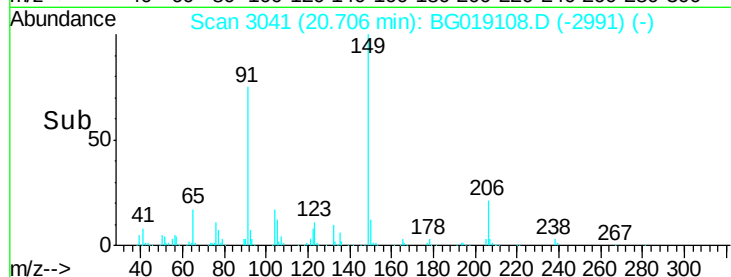
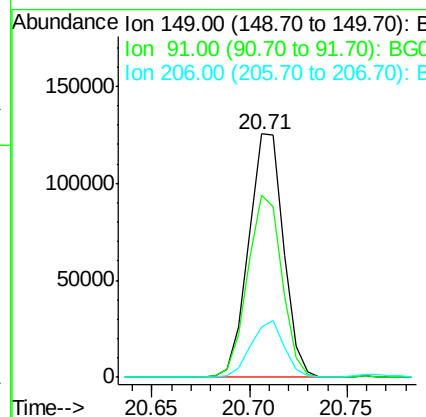
PB85979BS



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	154850		
91	75.0	59.2	88.8	
206	20.7	17.5	26.3	

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#80

Benzo(a)anthracene

Concen: 36.87 ng

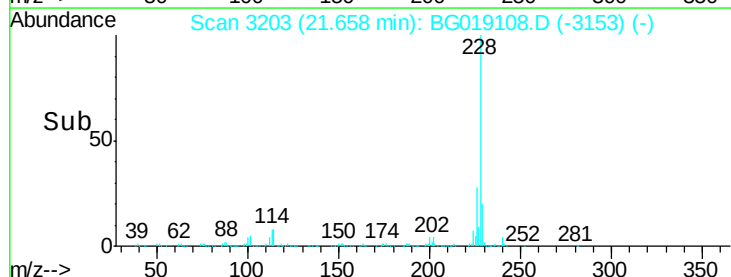
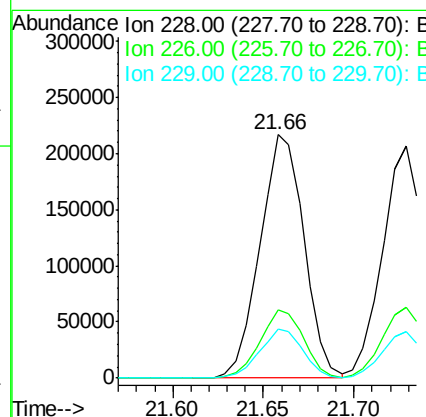
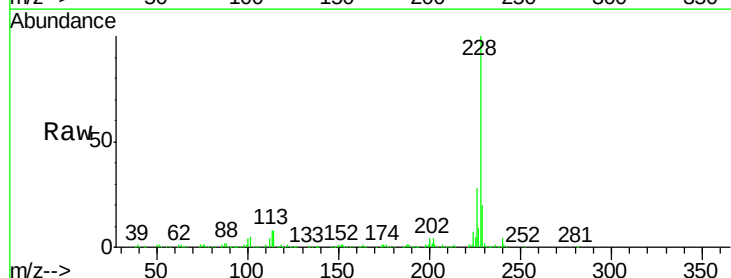
RT: 21.66 min Scan# 3203

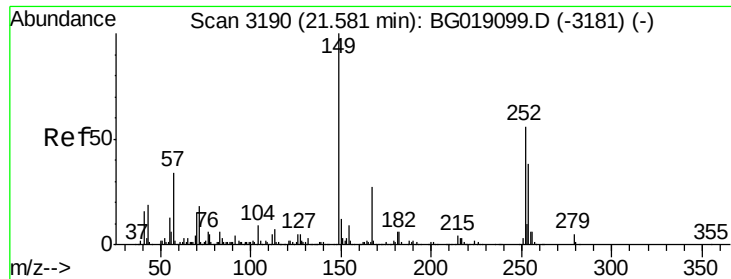
Delta R.T. -0.01 min

Lab File: BG019108.D

Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	365333		
226	27.8	22.4	33.6	
229	20.3	16.2	24.2	





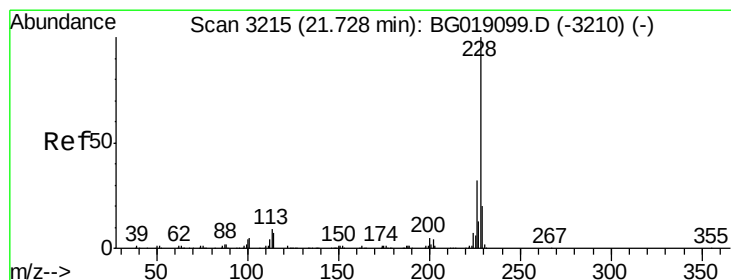
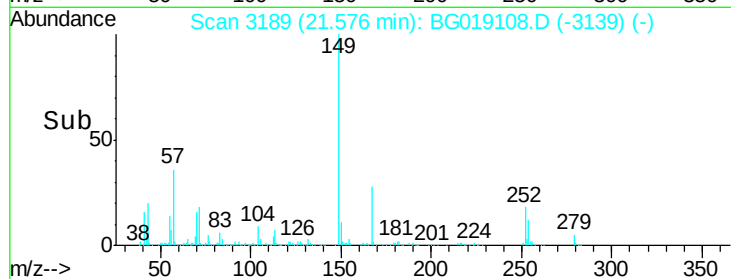
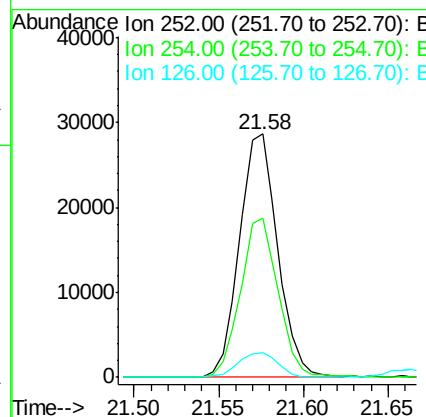
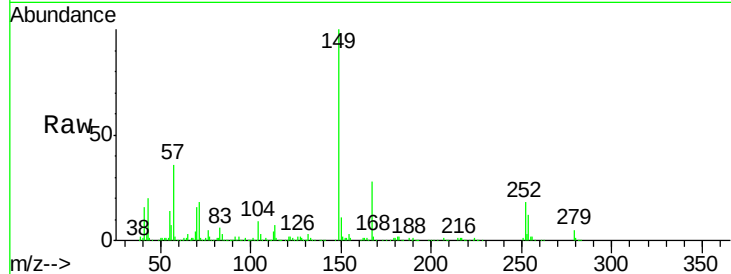
#81
 3,3'-Dichlorobenzidine
 Concen: 12.32 ng
 RT: 21.58 min Scan# 3189
 Delta R.T. -0.01 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	45133		
254	65.2	53.9	80.9	
126	9.9	7.0	10.6	

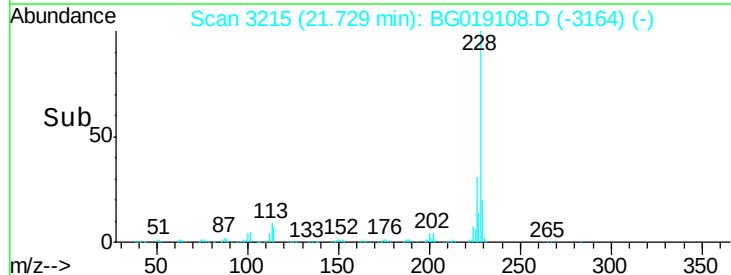
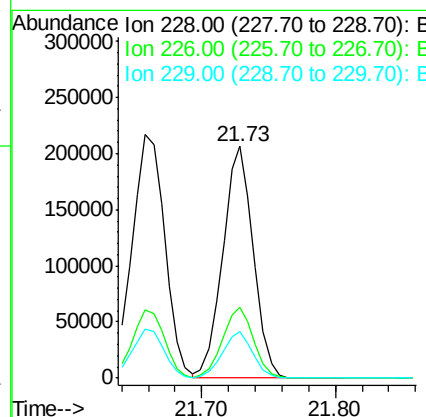
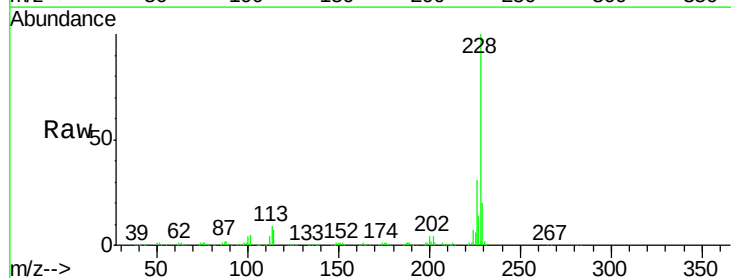
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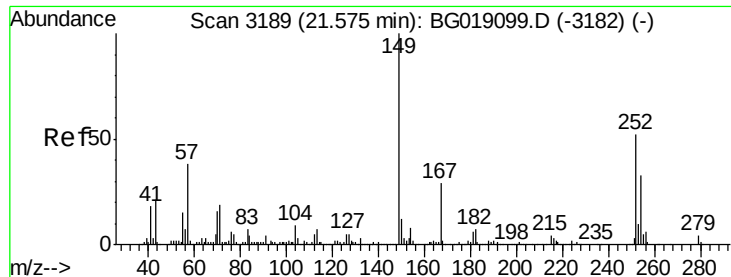
MMdadoda
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#82
 Chrysene
 Concen: 35.16 ng
 RT: 21.73 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	330615		
226	30.6	25.2	37.8	
229	19.9	16.3	24.5	





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.53 ng

RT: 21.58 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BG019108.D

Acq: 10 Oct 2015 9:13

Instrument :

BNA_G

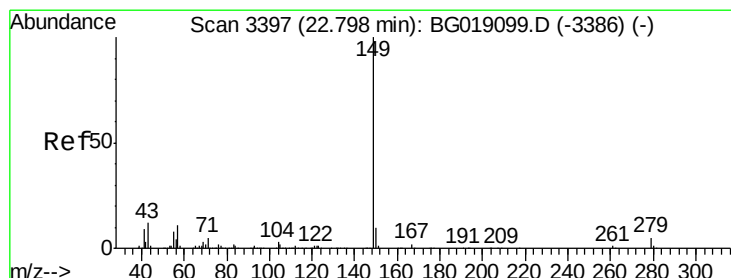
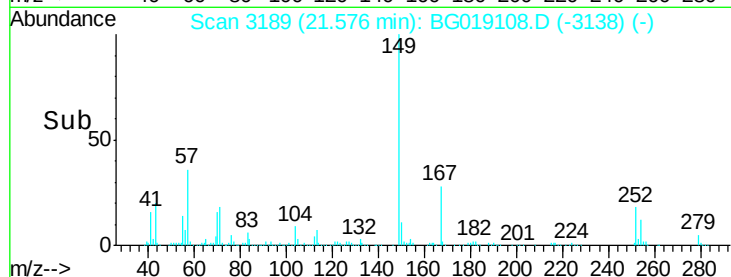
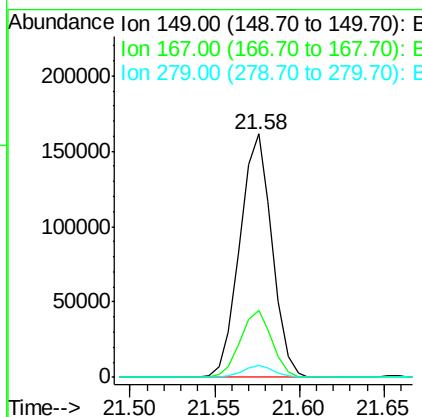
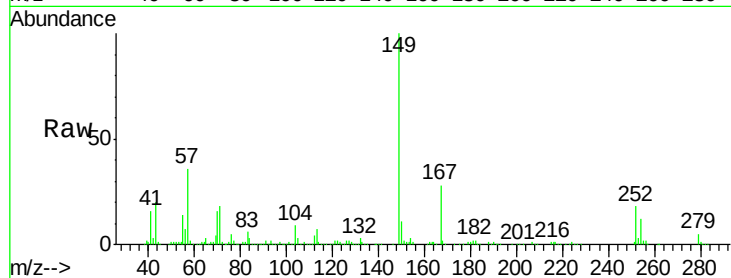
ClientSampleId :

PB85979BS

Tgt Ion:	149	Resp:	213971
Ion Ratio		Lower	Upper
149	100		
167	27.5	22.8	34.2
279	4.8	3.6	5.4

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#84

Di-n-octyl phthalate

Concen: 35.65 ng

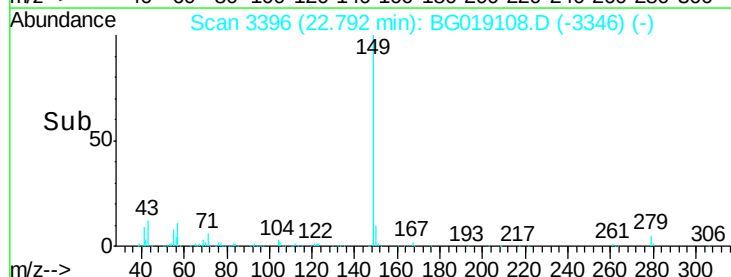
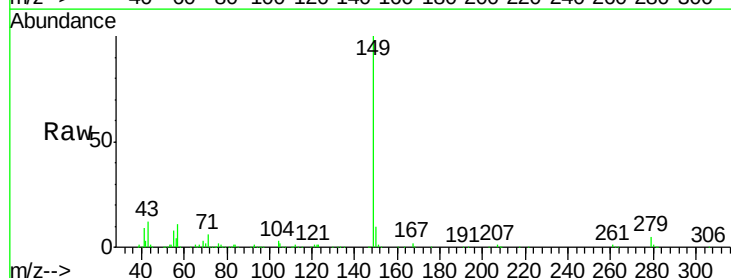
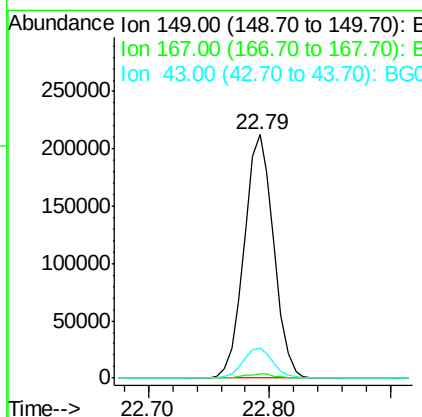
RT: 22.79 min Scan# 3396

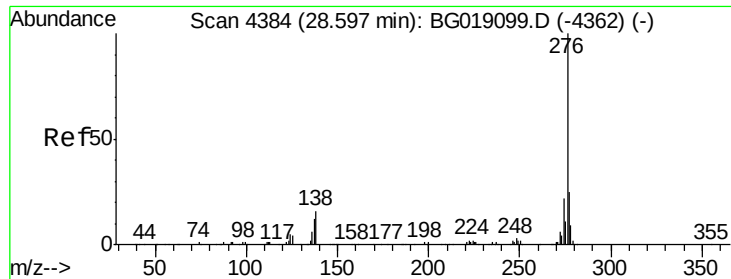
Delta R.T. -0.01 min

Lab File: BG019108.D

Acq: 10 Oct 2015 9:13

Tgt Ion:	149	Resp:	360735
Ion Ratio		Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.6	10.1	15.1





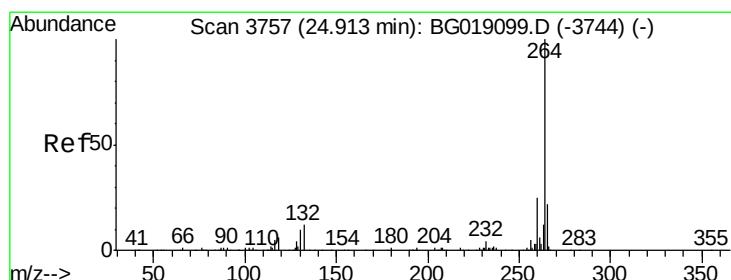
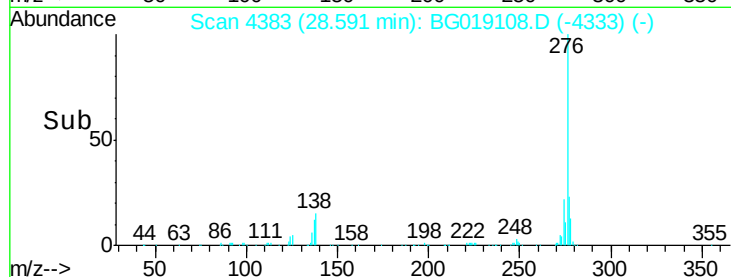
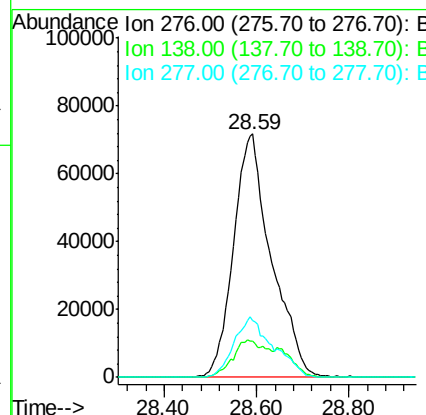
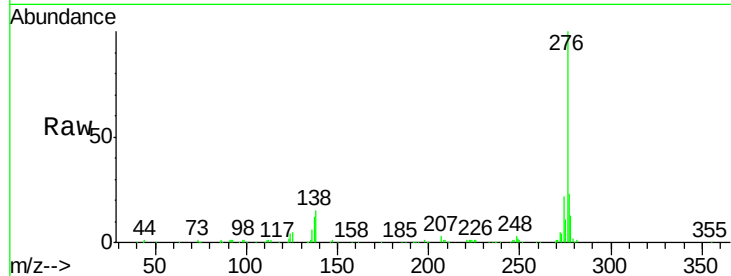
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.71 ng
 RT: 28.59 min Scan# 4383
 Delta R.T. -0.01 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BS

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	13.5	10.2	15.4
277	25.7	20.2	30.4

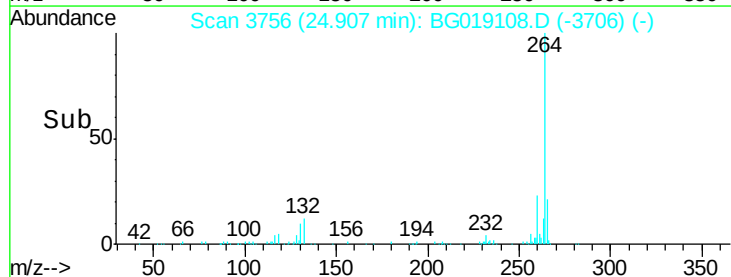
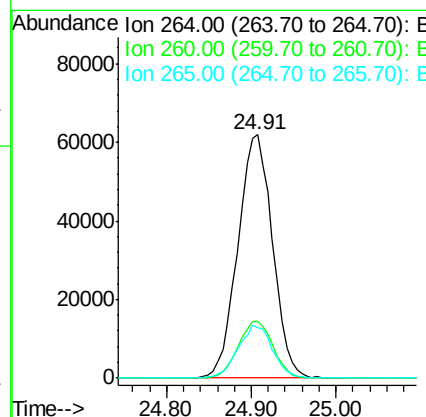
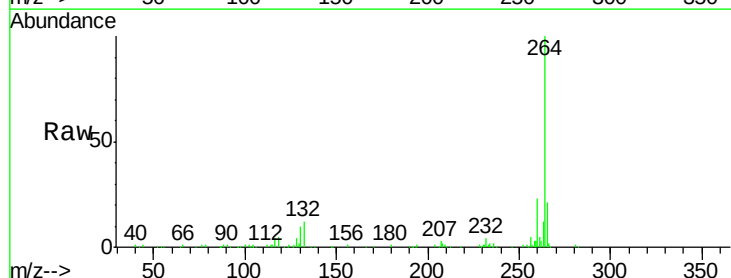
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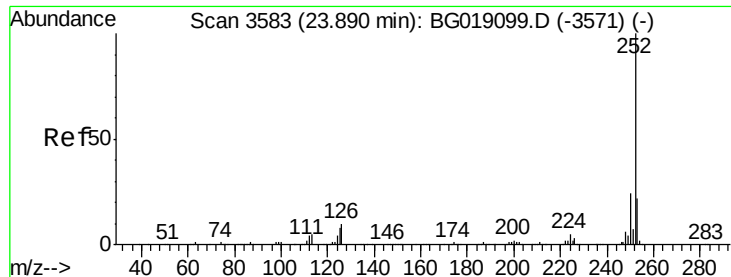
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.91 min Scan# 3756
 Delta R.T. -0.01 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.4	20.1	30.1
265	20.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.82 ng

RT: 23.88 min Scan# 3582

Delta R.T. -0.01 min

Lab File: BG019108.D

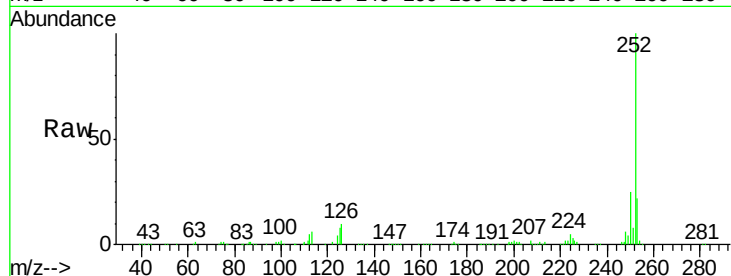
Acq: 10 Oct 2015 9:13

Instrument :

BNA_G

ClientSampleId :

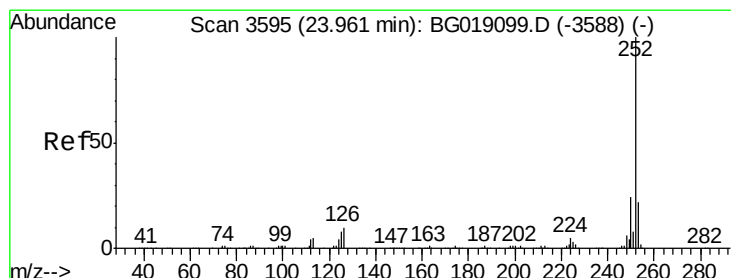
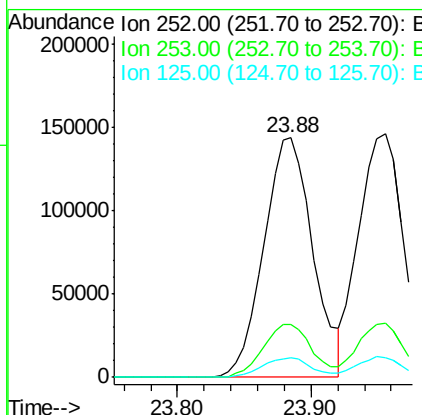
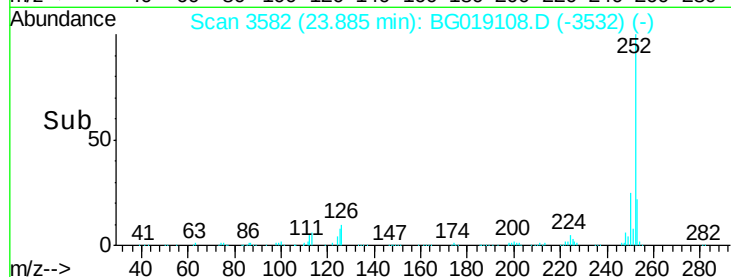
PB85979BS



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	367066		
253	22.1	17.5	26.3	
125	8.0	6.6	9.8	

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#88

Benzo(k)fluoranthene

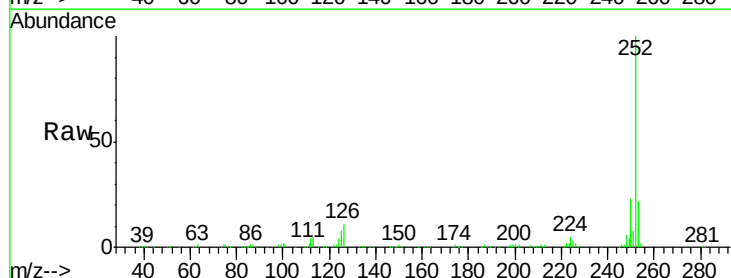
Concen: 36.30 ng

RT: 23.96 min Scan# 3594

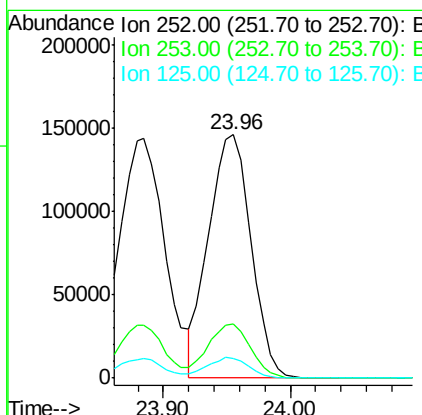
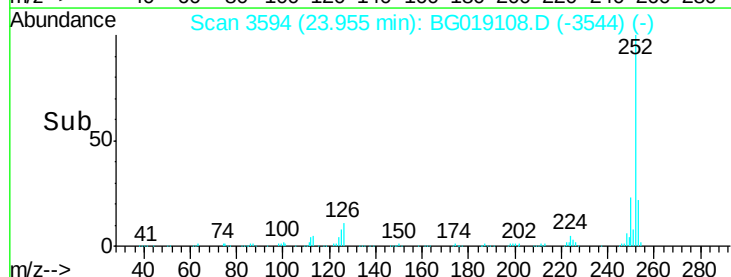
Delta R.T. -0.01 min

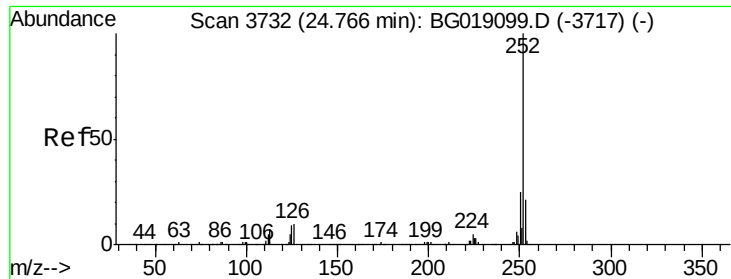
Lab File: BG019108.D

Acq: 10 Oct 2015 9:13



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	338891		
253	22.3	17.0	25.4	
125	8.1	6.4	9.6	





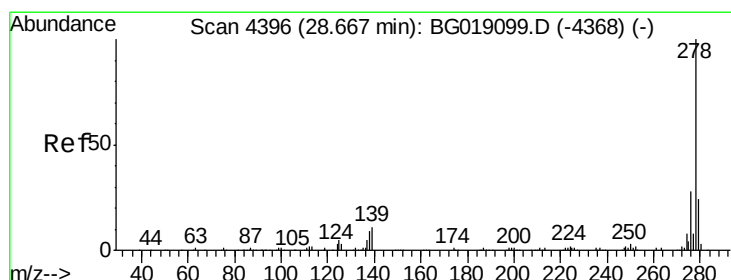
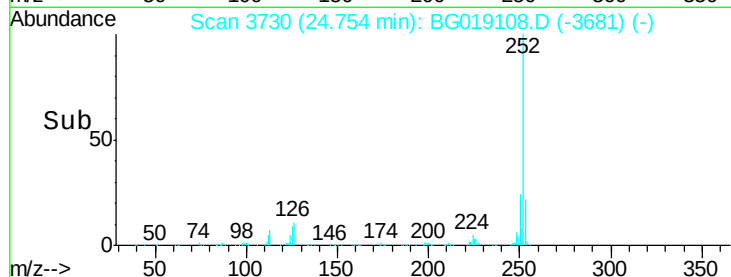
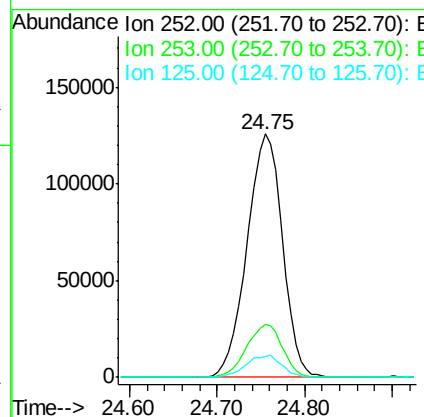
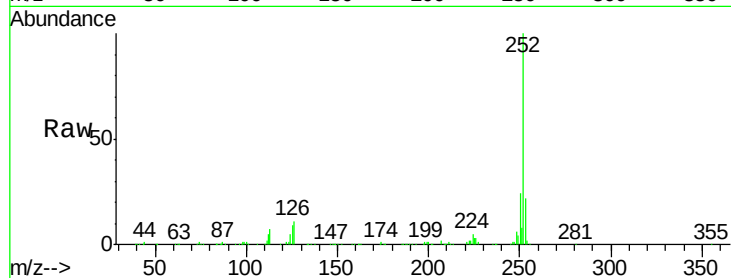
#89
Benzo(a)pyrene
Concen: 38.79 ng
RT: 24.75 min Scan# 3730
Delta R.T. -0.01 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Instrument :
BNA_G
ClientSampleId :
PB85979BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.4
125	8.6	7.2	10.8

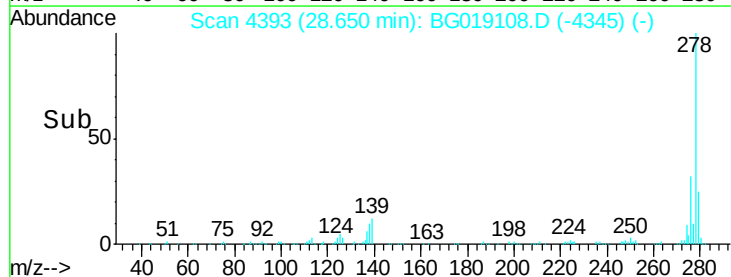
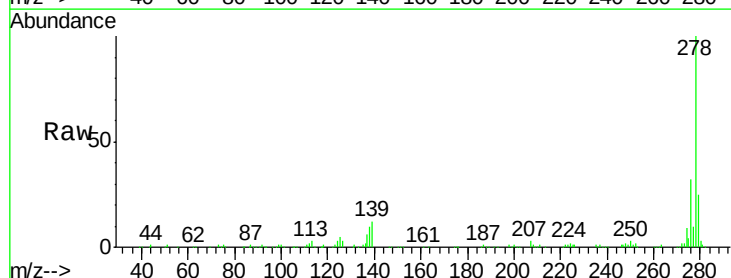
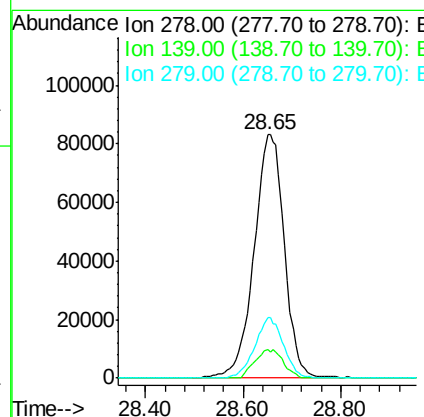
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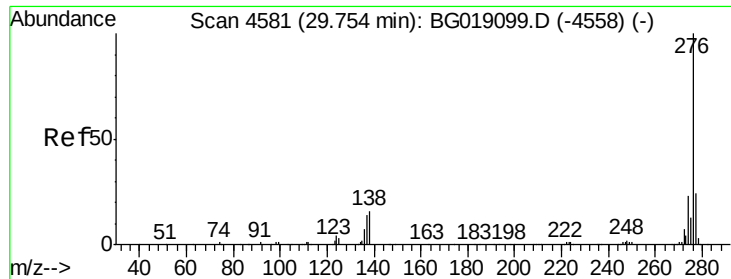
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#90
Dibenzo(a,h)anthracene
Concen: 37.45 ng
RT: 28.65 min Scan# 4393
Delta R.T. -0.02 min
Lab File: BG019108.D
Acq: 10 Oct 2015 9:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.6	8.6	12.8
279	25.0	19.5	29.3





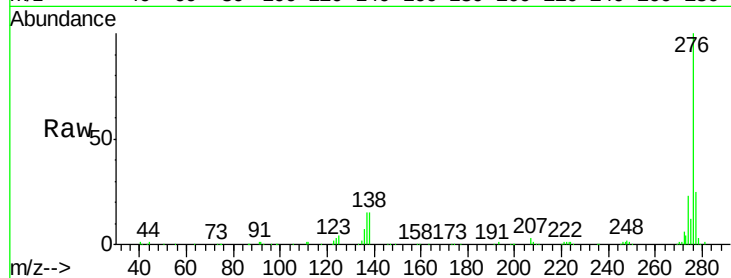
#91
 Benzo(g,h,i)perylene
 Concen: 37.49 ng
 RT: 29.74 min Scan# 4579
 Delta R.T. -0.01 min
 Lab File: BG019108.D
 Acq: 10 Oct 2015 9:13

Instrument :
 BNA_G
 ClientSampleId :
 PB85979BS

Tgt Ion:	276	Resp:	334385
Ion Ratio		Lower	Upper
276	100		
277	24.9	19.5	29.3
138	15.4	13.0	19.6

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

